

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114151.D
 Acq On : 11 May 2019 12:30
 Operator : JU/SJ
 Sample : PB119622BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:35:49 PM

Quant Time: May 13 07:30:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	308228	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1193897	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	560913	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1108398	20.00	ng	0.00
76) Chrysene-d12	14.01	240	891453	20.00	ng	-0.01
87) Perylene-d12	15.47	264	874196	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2091919	109.22	ng	0.01
7) Phenol-d6	6.50	99	2734836	120.73	ng	0.00
23) Nitrobenzene-d5	7.42	82	1559540	73.31	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	701059	120.90	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2716503	73.26	ng	0.00
79) Terphenyl-d14	12.95	244	2834241	65.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	382451	36.328	ng	99
3) Pyridine	3.47	79	956293	32.968	ng	97
4) n-Nitrosodimethylamine	3.42	42	484791	34.659	ng	98
6) Aniline	6.52	93	924821	28.262	ng	99
8) 2-Chlorophenol	6.65	128	859870	42.053	ng	93
9) Benzaldehyde	6.40	77	128244	8.087	ng	98
10) Phenol	6.50	94	1043479	39.157	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	843741	41.705	ng	99
12) 1,3-Dichlorobenzene	6.79	146	893275	38.919	ng	98
13) 1,4-Dichlorobenzene	6.87	146	898844	38.863	ng	97
14) 1,2-Dichlorobenzene	7.02	146	845523	40.015	ng	99
15) Benzyl Alcohol	6.99	79	739910	41.878	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1592676	40.601	ng	99
17) 2-Methylphenol	7.11	107	698602	41.592	ng	99
18) Hexachloroethane	7.36	117	336510	38.762	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	585883	40.803	ng	97
20) 3+4-Methylphenols	7.26	107	814244	41.958	ng	# 87
22) Acetophenone	7.26	105	1112245	42.053	ng	99
24) Nitrobenzene	7.43	77	911980	42.089	ng	95
25) Isophorone	7.67	82	1667329	42.259	ng	99
26) 2-Nitrophenol	7.75	139	472620	44.958	ng	96
27) 2,4-Dimethylphenol	7.79	122	779241	47.196	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1066458	41.659	ng	100
29) 2,4-Dichlorophenol	7.99	162	705498	42.912	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	756681	40.475	ng	99
31) Naphthalene	8.16	128	2396142	42.966	ng	99
32) Benzoic acid	7.93	122	522428	44.907	ng	97
33) 4-Chloroaniline	8.20	127	669398	26.340	ng	99
34) Hexachlorobutadiene	8.27	225	428042	40.240	ng	97
35) Caprolactam	8.57	113	249923m	46.620	ng	
36) 4-Chloro-3-methylphenol	8.69	107	752947	45.498	ng	96
37) 2-Methylnaphthalene	8.85	142	1629123	45.277	ng	98
38) 1-Methylnaphthalene	8.95	142	1532676	45.232	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	708095	41.674	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	673748	84.837	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	490220	41.945	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	527355	43.999	ng	99
46) 1,1'-Biphenyl	9.31	154	1961863	43.295	ng	99
47) 2-Chloronaphthalene	9.33	162	1508902	41.376	ng	99
48) 2-Nitroaniline	9.43	65	509441	39.389	ng	96
49) Acenaphthylene	9.75	152	2383246	42.968	ng	100
50) Dimethylphthalate	9.61	163	1708122	41.483	ng	99
51) 2,6-Dinitrotoluene	9.67	165	397029	43.473	ng	96
52) Acenaphthene	9.92	154	1411162	41.460	ng	99
53) 3-Nitroaniline	9.84	138	317573	28.012	ng	94
54) 2,4-Dinitrophenol	9.95	184	407065	87.912	ng	96
55) Dibenzofuran	10.09	168	2076705	41.609	ng	98
56) 4-Nitrophenol	10.01	139	657854	82.053	ng	98
57) 2,4-Dinitrotoluene	10.07	165	524501	42.312	ng	95
58) Fluorene	10.44	166	1605660	41.651	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	440533	42.598	ng	99
60) Diethylphthalate	10.31	149	1697358	40.570	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	780906	41.243	ng	98
62) 4-Nitroaniline	10.46	138	450818	37.842	ng	96
63) Azobenzene	10.59	77	1703282	42.060	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	252145	47.342	ng	85
66) n-Nitrosodiphenylamine	10.55	169	1468161	43.643	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	502551	41.179	ng	96
68) Hexachlorobenzene	10.99	284	542379	40.174	ng	99
69) Atrazine	11.07	200	436903	41.734	ng	99
70) Pentachlorophenol	11.18	266	563279	88.013	ng	98
71) Phenanthrene	11.40	178	2290802	42.481	ng	100
72) Anthracene	11.45	178	2377450	43.894	ng	100
73) Carbazole	11.60	167	2244850	43.463	ng	99
74) Di-n-butylphthalate	11.93	149	2598726	43.673	ng	99
75) Fluoranthene	12.59	202	2493103	42.933	ng	99
77) Benzidine	12.70	184	1465160	36.614	ng	97
78) Pyrene	12.82	202	2525421	35.216	ng	99
80) Butylbenzylphthalate	13.42	149	1161576	38.482	ng	94
81) Benzo(a)anthracene	14.00	228	2113676	36.658	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	583115	26.070	ng	99
83) Chrysene	14.04	228	2144979	37.950	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1506990	38.173	ng	99
85) Di-n-octyl phthalate	14.60	149	2582315	40.351	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2119441	42.429	ng	98
88) Benzo(b)fluoranthene	15.05	252	2413241	43.089	ng	98
89) Benzo(k)fluoranthene	15.08	252	1977989	38.447	ng	99
90) Benzo(a)pyrene	15.42	252	2145813	43.535	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1737138	42.413	ng	99
92) Benzo(g,h,i)perylene	17.39	276	1737212	42.324	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

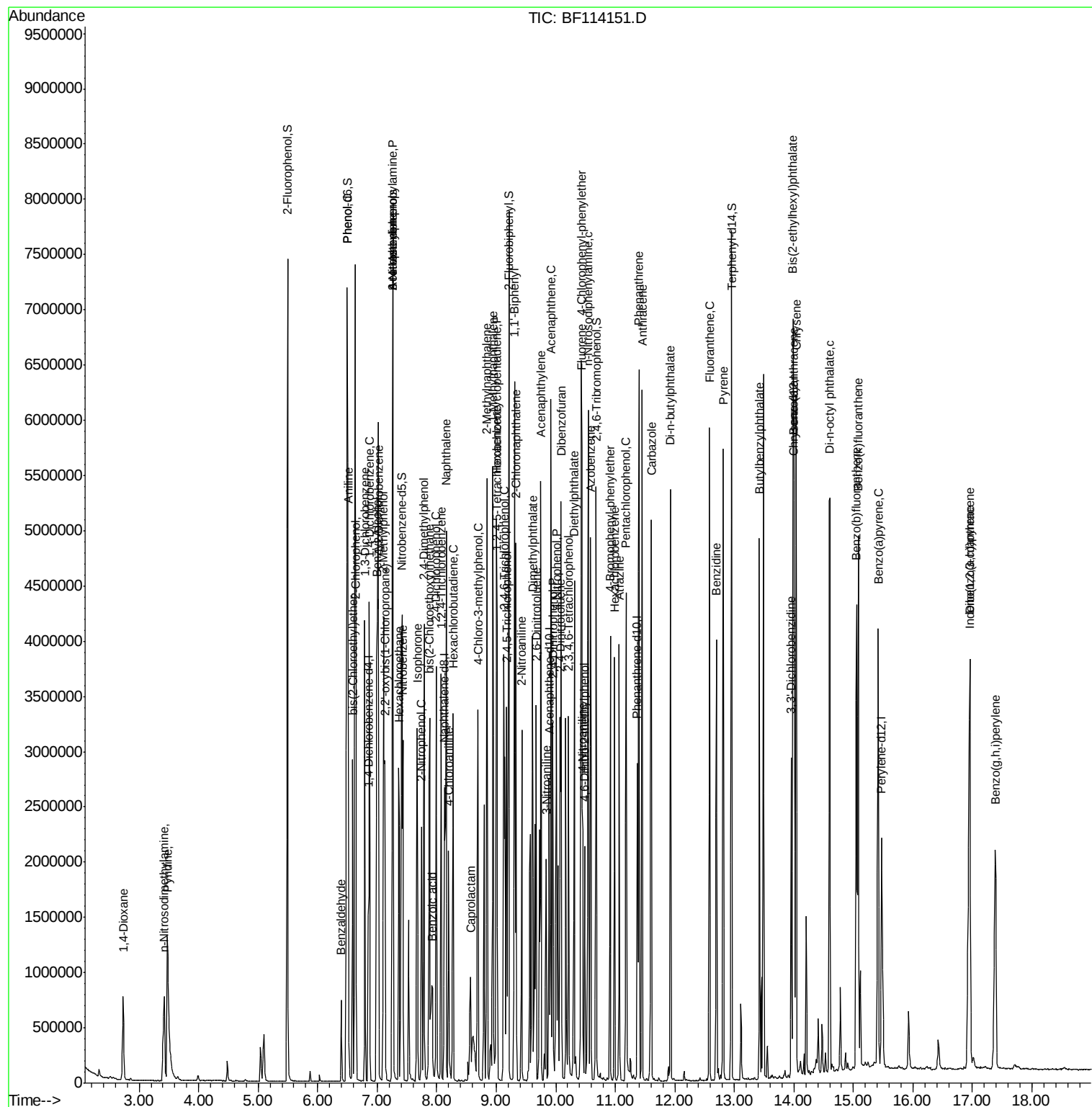
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
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Misc :
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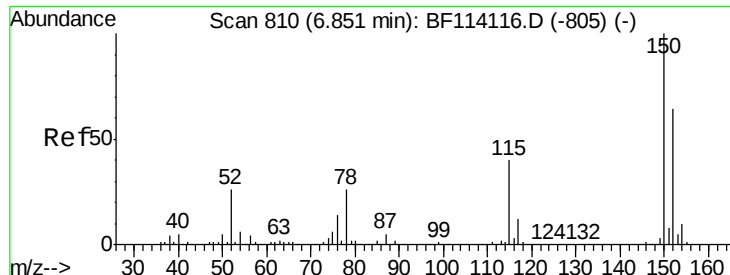
Instrument :
BNA_F
ClientSampleId :
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#1

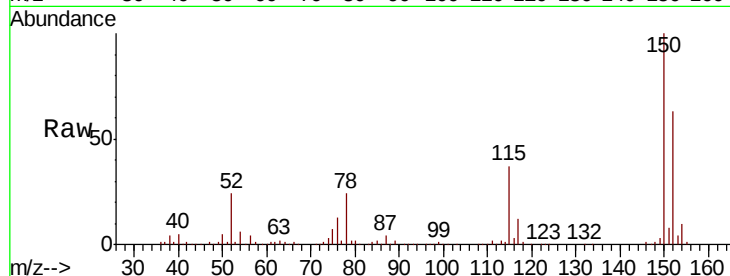
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.3	186.5
115	58.2	49.1	73.7

Manual Integrations
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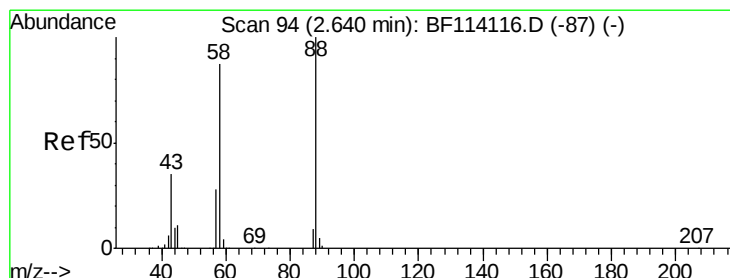
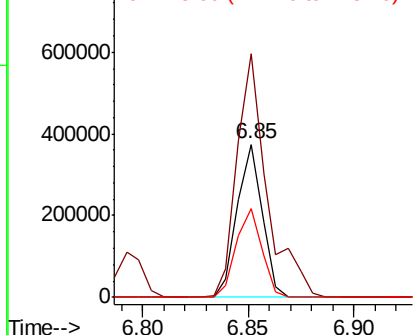
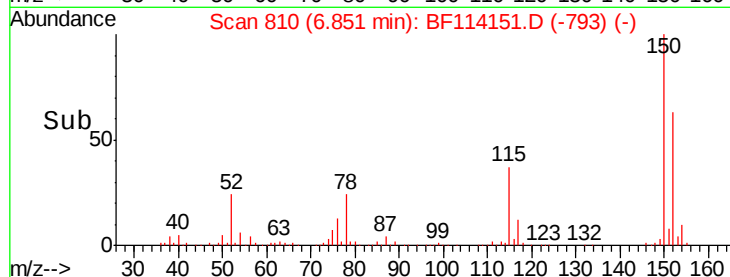


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

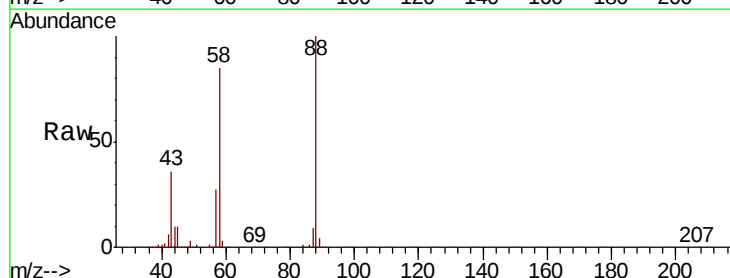
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.328 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.09 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.4	68.7	103.1
43	34.2	28.2	42.2

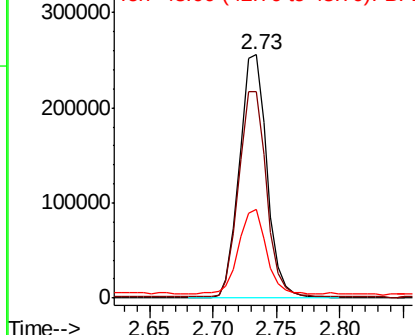
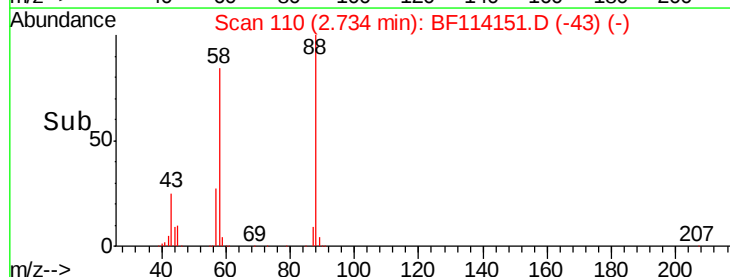


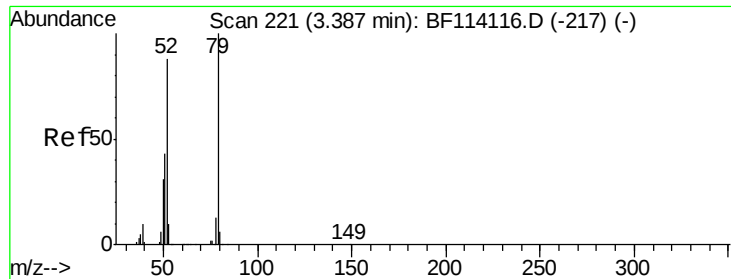
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





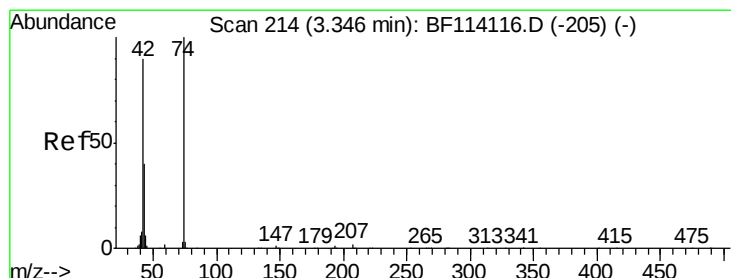
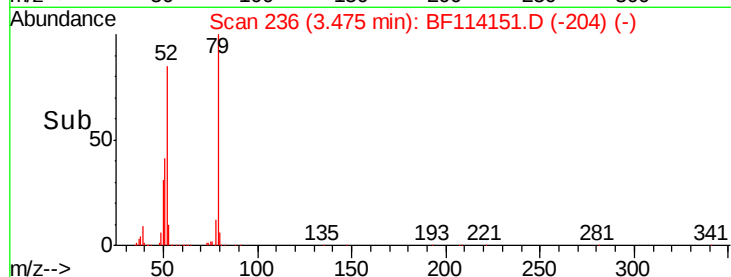
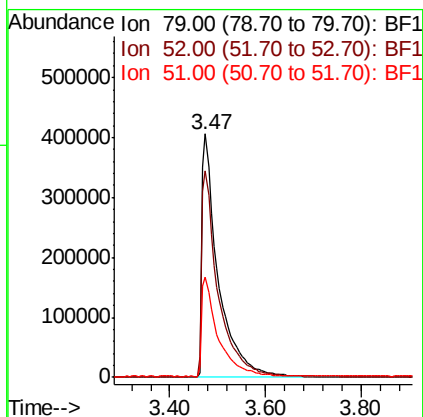
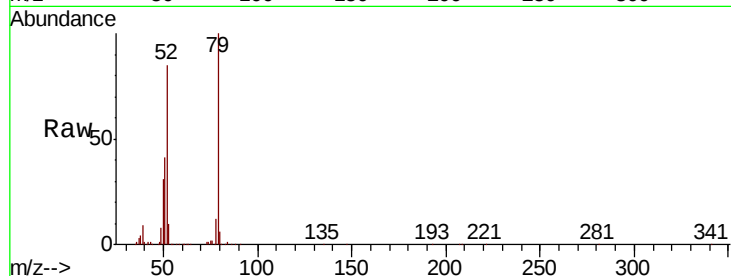
#3
 Pvridine
 Concen: 32.968 ng
 RT: 3.47 min Scan# 236
 Delta R.T. 0.09 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

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 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.6	70.6	105.8
51	41.3	34.2	51.2

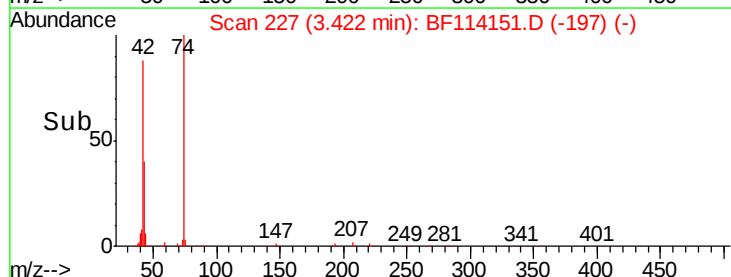
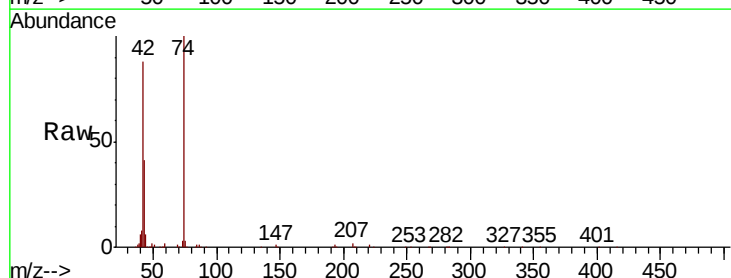
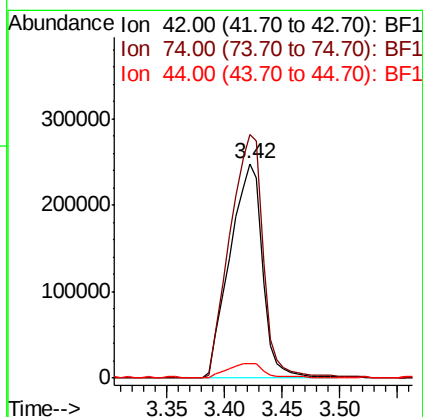
Manual Integrations
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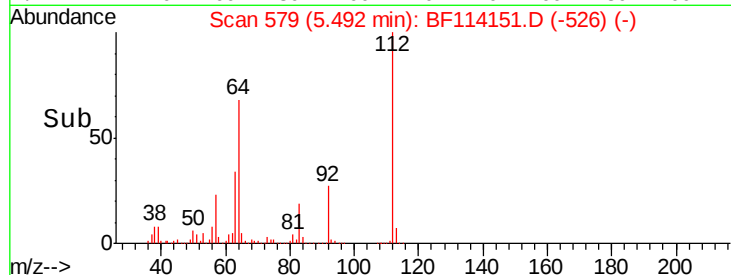
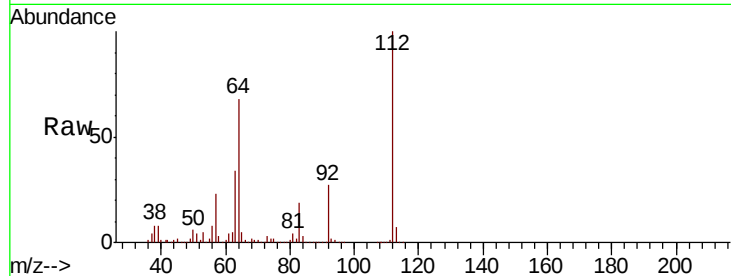
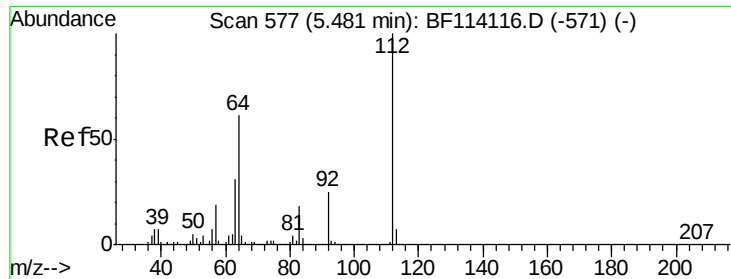
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#4
 n-Nitrosodimethylamine
 Concen: 34.659 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.08 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	113.4	88.6	132.8
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 109.219 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tot Ion:	112	Resp:	2091919
Ion	Ratio	Lower	Upper
112	100		
64	67.7	49.0	73.6
63	34.5	24.6	37.0

Instrument :

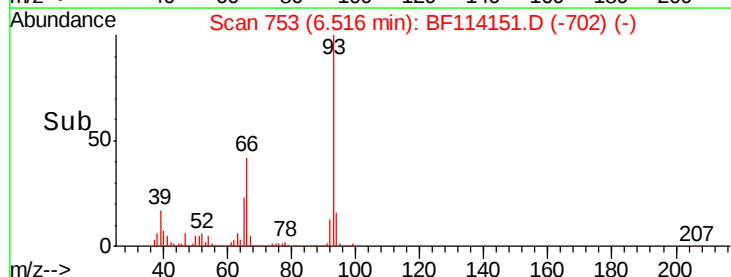
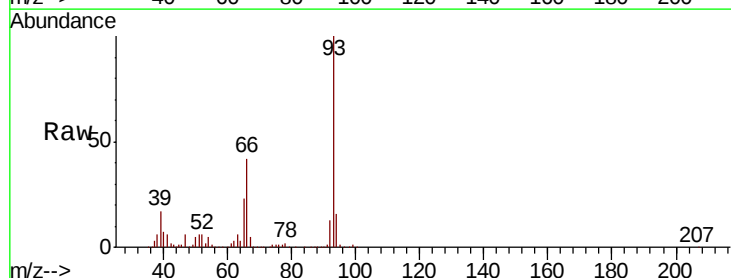
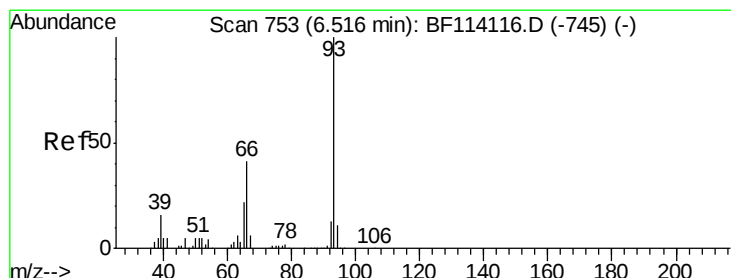
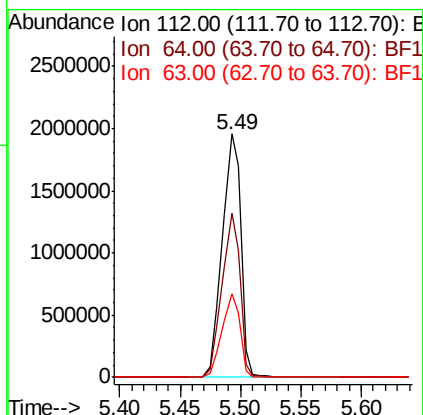
BNA_F

ClientSampleId :

PB119622BSD

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#6

Aniline

Concen: 28.262 ng

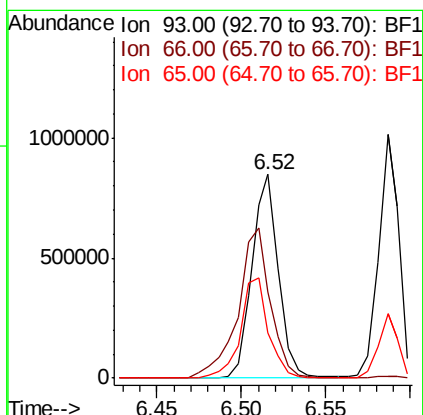
RT: 6.52 min Scan# 753

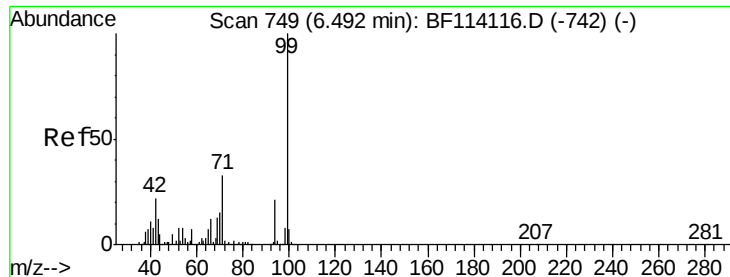
Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:	93	Resp:	924821
Ion	Ratio	Lower	Upper
93	100		
66	42.3	33.2	49.8
65	22.5	17.6	26.4





#7

Phenol-d6

Concen: 120.726 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampled :

PB119622BSD

Tot Ion: 99 Resp: 2734836

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

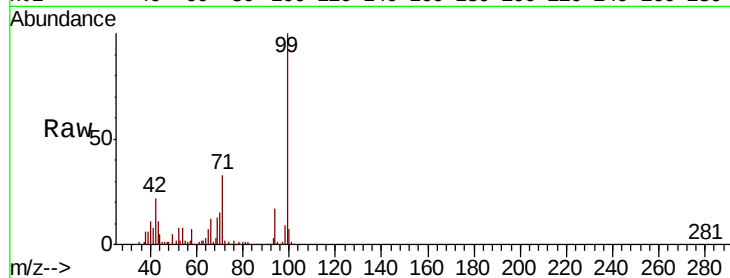
71 32.9 26.2 39.2

Manual Integrations

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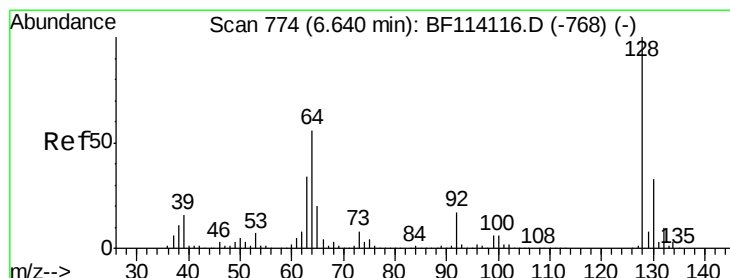
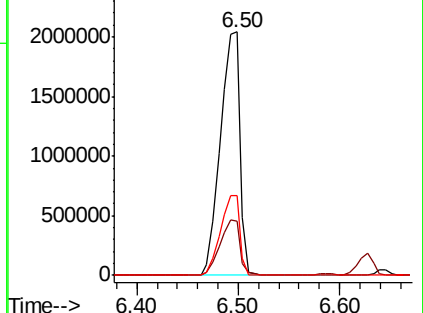
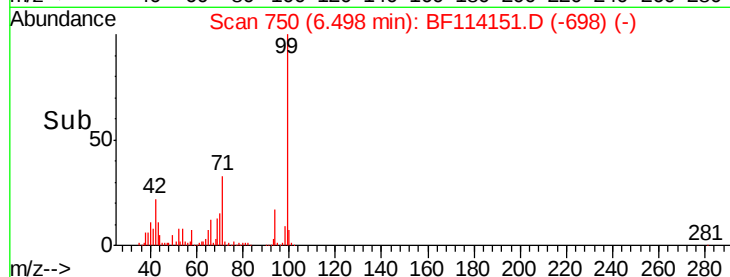
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.053 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

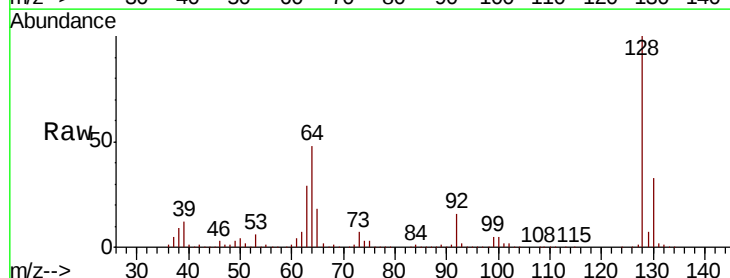
Tgt Ion: 128 Resp: 859870

Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

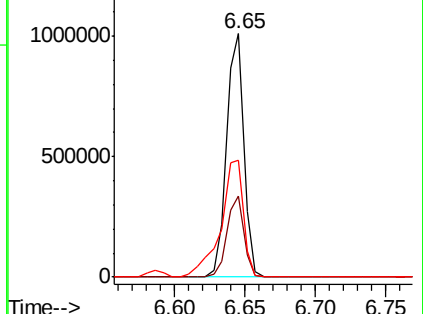
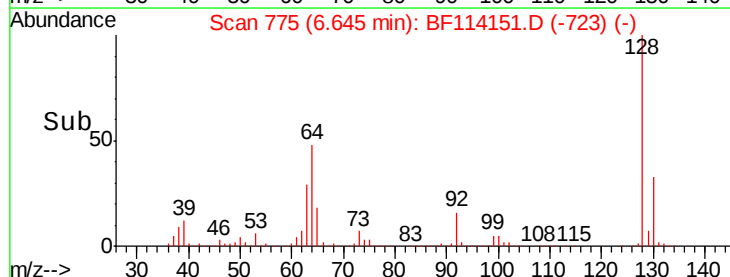
64 48.1 35.9 75.9

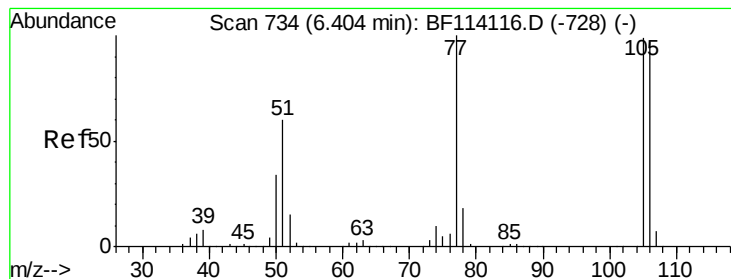


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.087 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

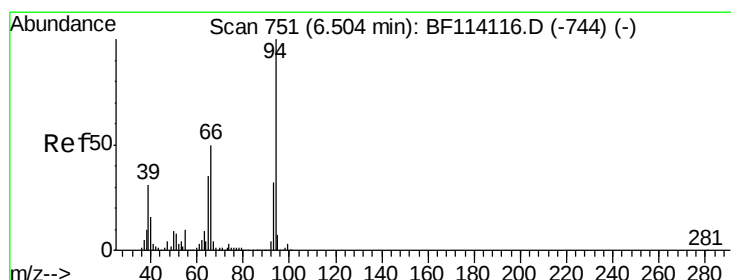
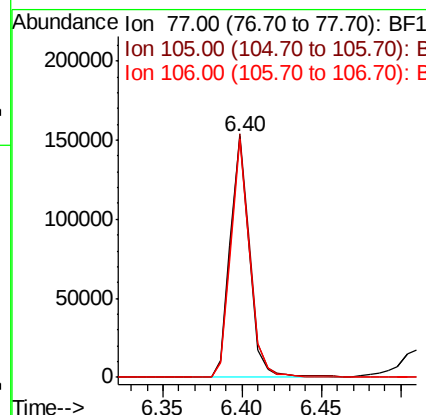
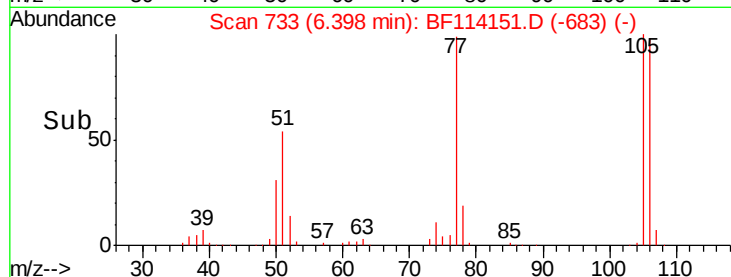
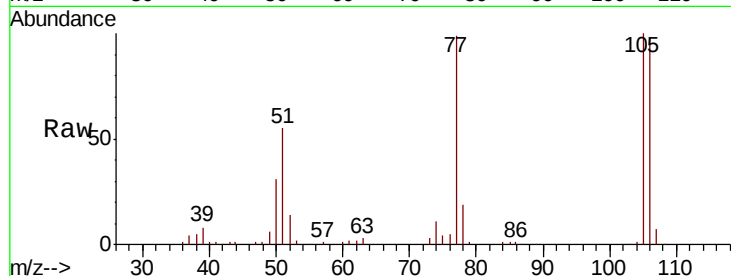
ClientSampleId :

PB119622BSD

Tot Ion:	77	Resp:	128244
Ion	Ratio	Lower	Upper
77	100		
105	101.2	79.3	119.3
106	99.3	77.0	117.0

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#10

Phenol

Concen: 39.157 ng

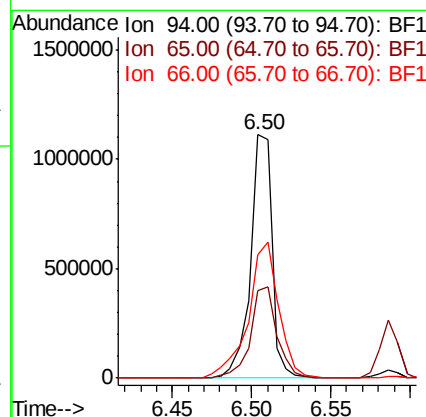
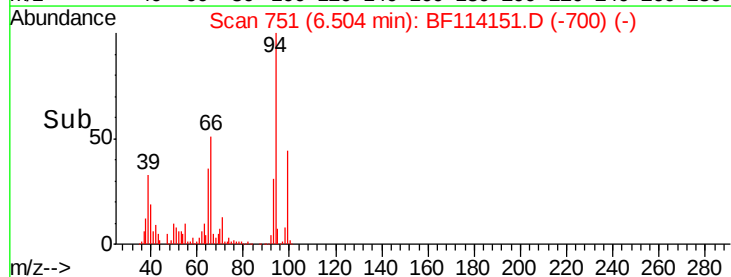
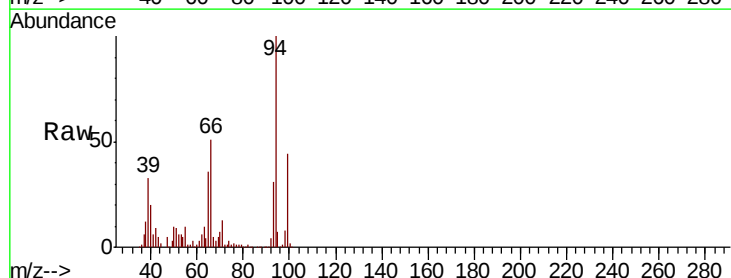
RT: 6.50 min Scan# 751

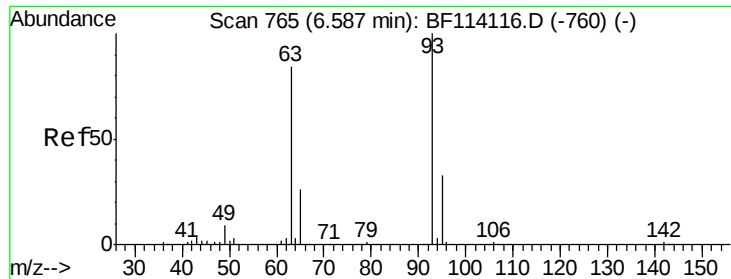
Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:	94	Resp:	1043479
Ion	Ratio	Lower	Upper
94	100		
65	35.8	14.7	54.7
66	50.8	29.6	69.6





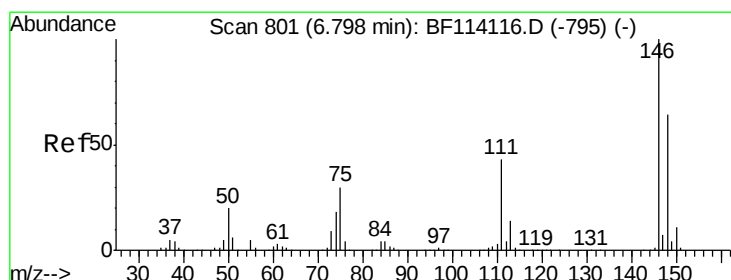
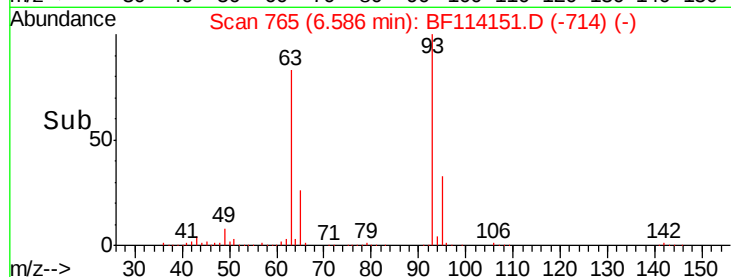
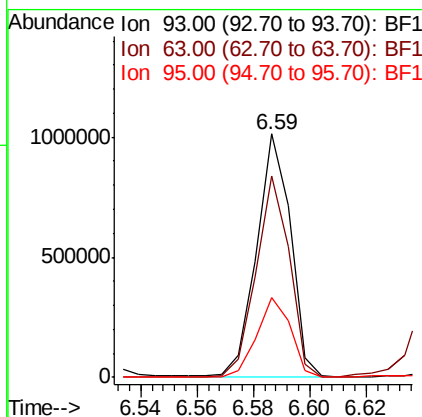
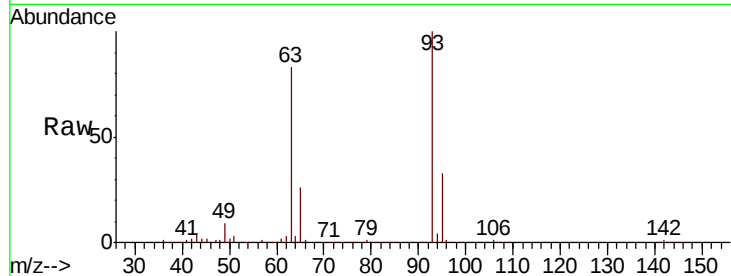
#11
bis(2-Chloroethyl)ether
Concen: 41.705 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampled :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	63.6	103.6
95	32.6	13.1	53.1

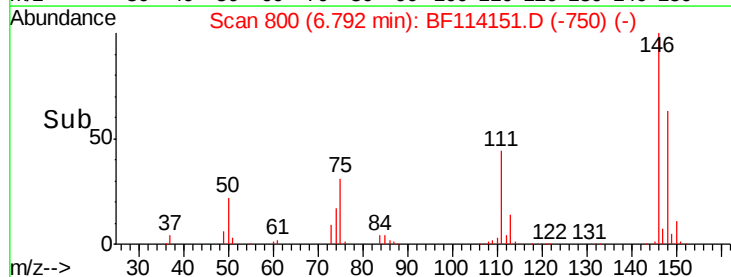
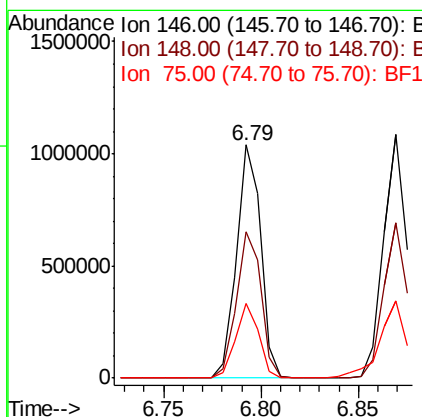
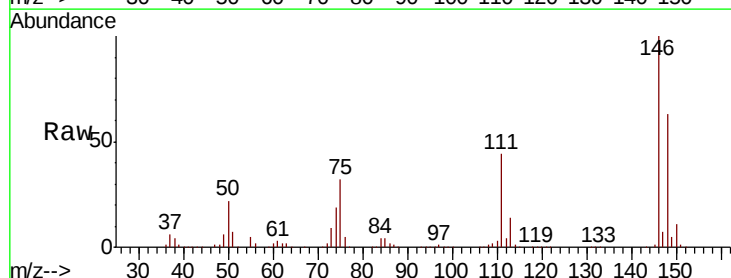
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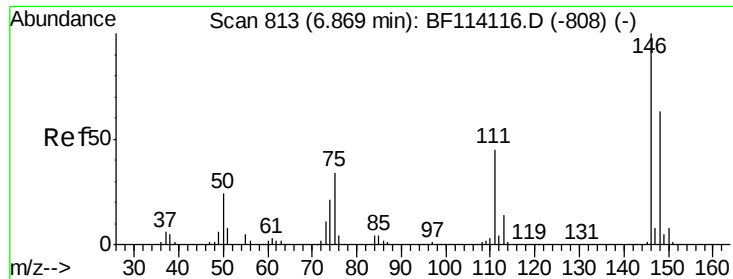
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#12
1,3-Dichlorobenzene
Concen: 38.919 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.6	77.4
75	31.8	24.2	36.2





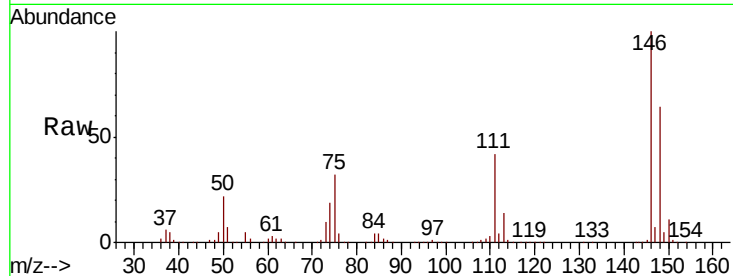
#13
1,4-Dichlorobenzene
Concen: 38.863 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.2	75.2
111	42.2	35.8	53.6

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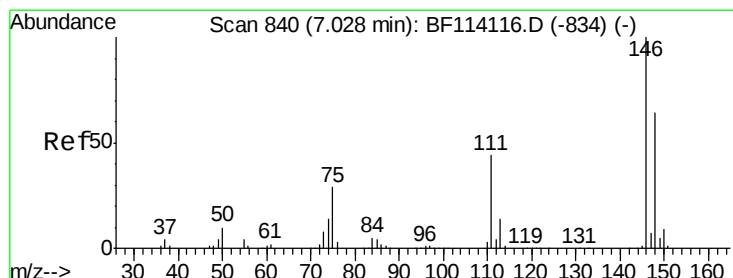
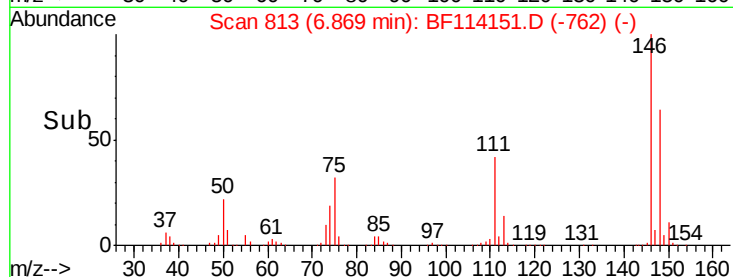
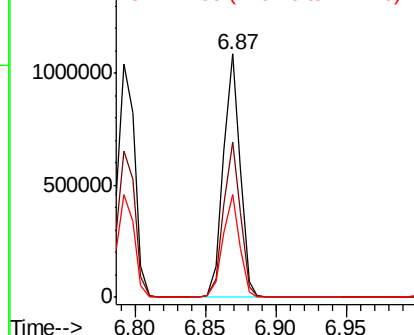


Abundance

Ion 146.00 (145.70 to 146.70): E

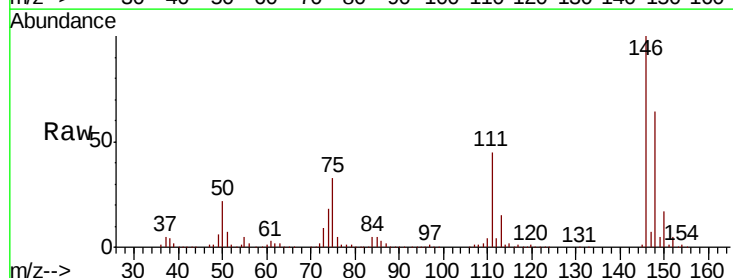
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.015 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	45.2	35.3	52.9

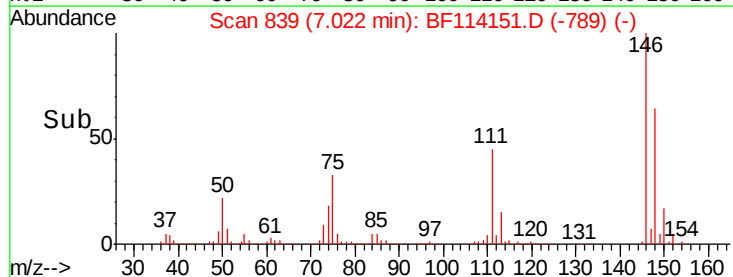
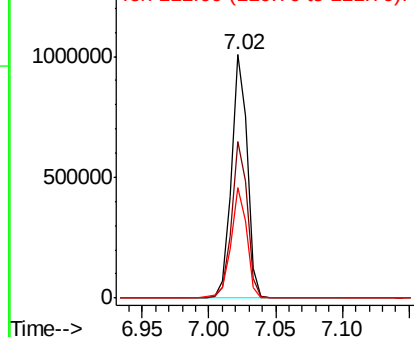


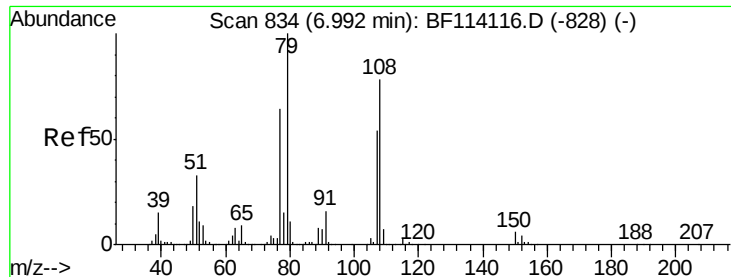
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.878 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

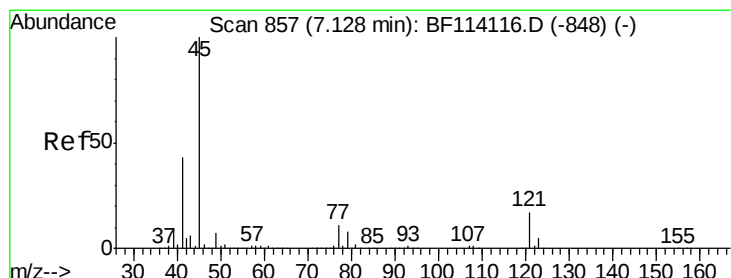
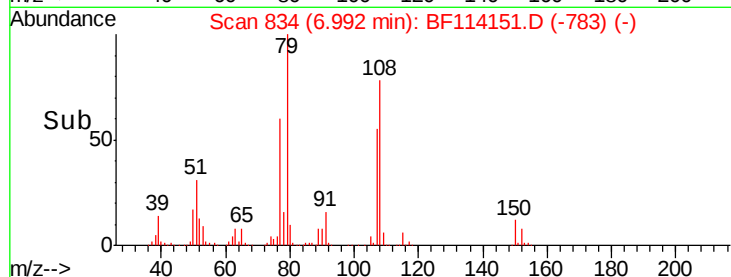
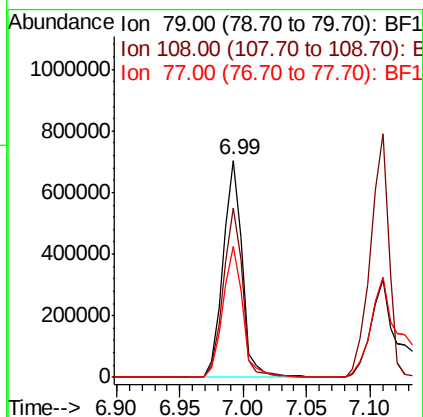
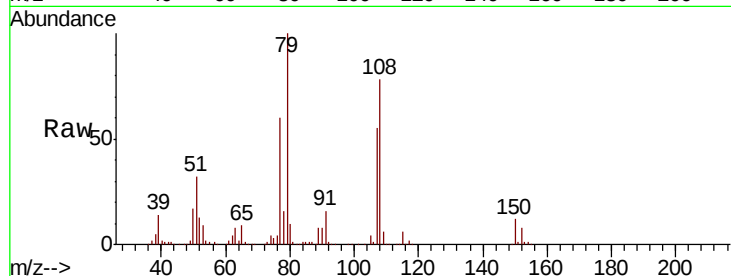
ClientSampled :

PB119622BSD

Tot Ion:	79	Resp:	739910
Ion Ratio	Lower	Upper	
79	100		
108	77.9	62.1	93.1
77	60.3	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.601 ng

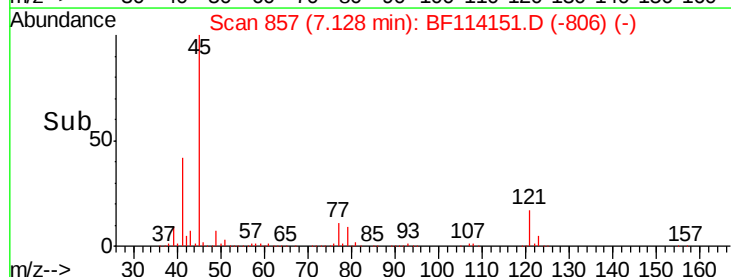
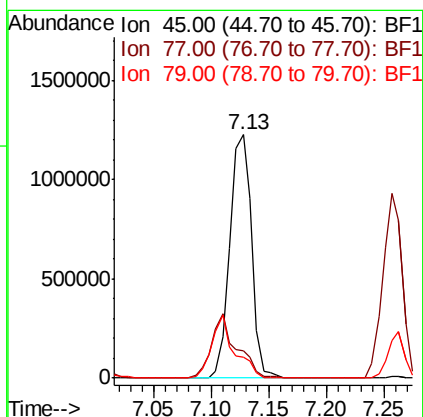
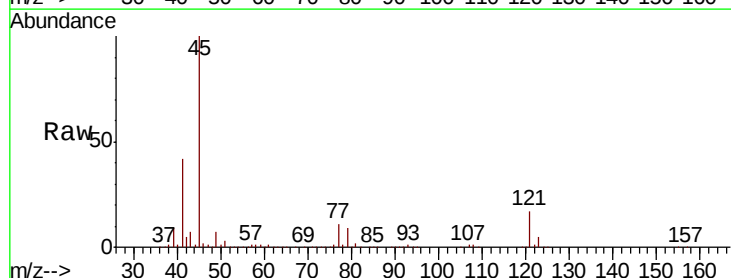
RT: 7.13 min Scan# 857

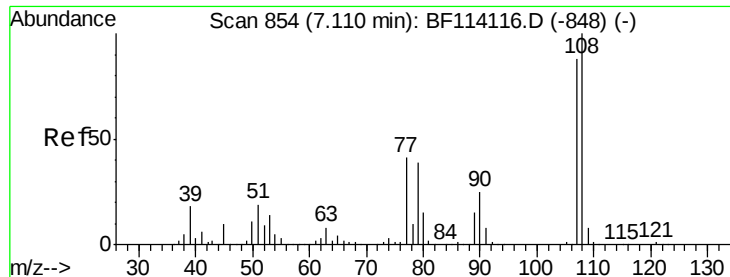
Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:	45	Resp:	1592676
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	31.1
79	8.7	0.0	28.4





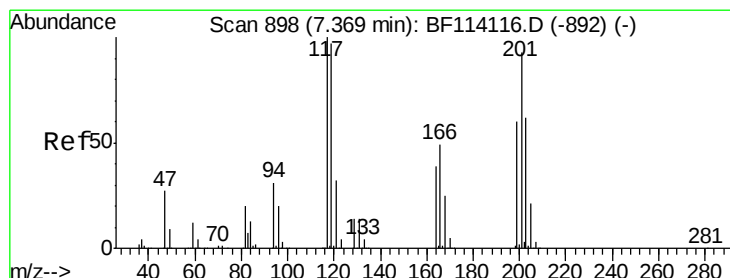
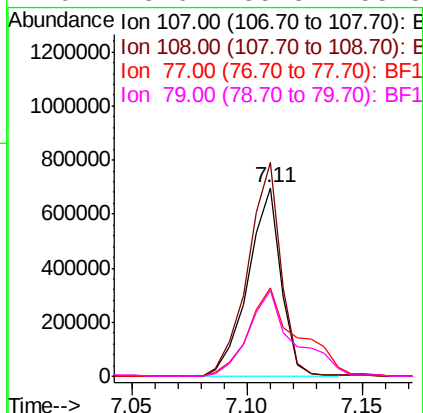
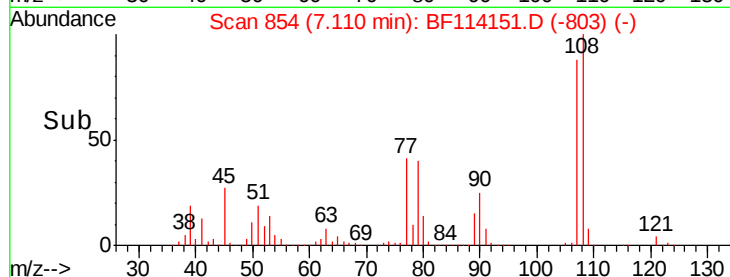
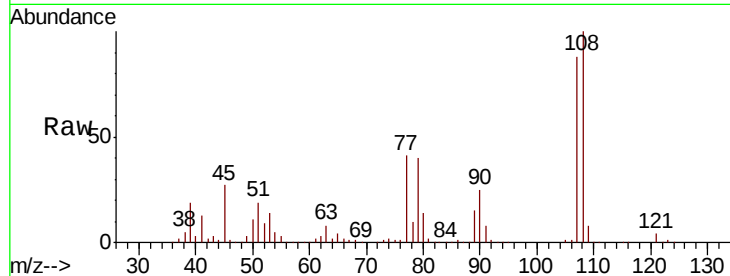
#17
2-Methylphenol
Concen: 41.592 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	698602		
108	113.2	90.5	135.7	
77	46.9	37.0	55.4	
79	45.6	35.8	53.8	

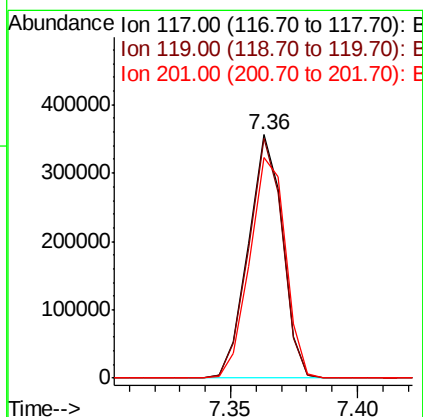
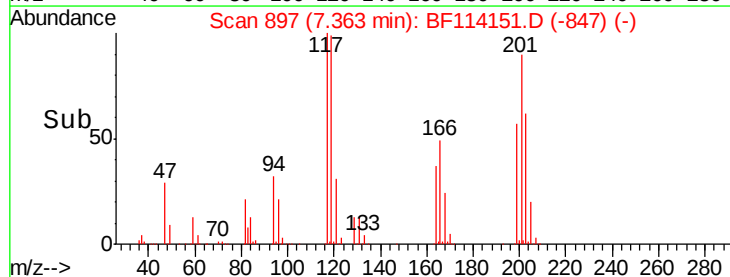
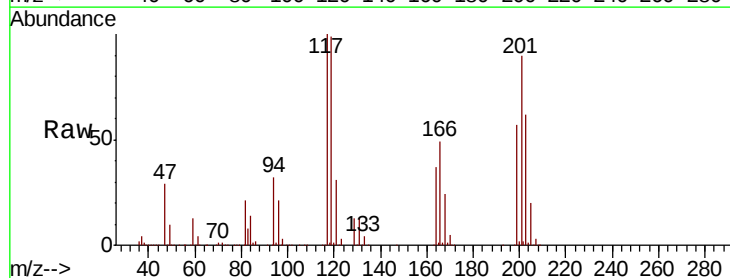
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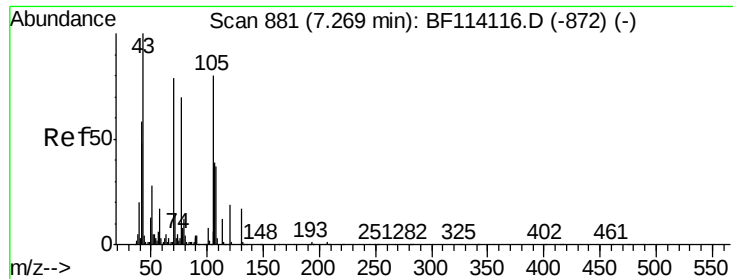
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#18
Hexachloroethane
Concen: 38.762 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	336510		
119	98.5	77.4	116.2	
201	90.5	74.5	111.7	





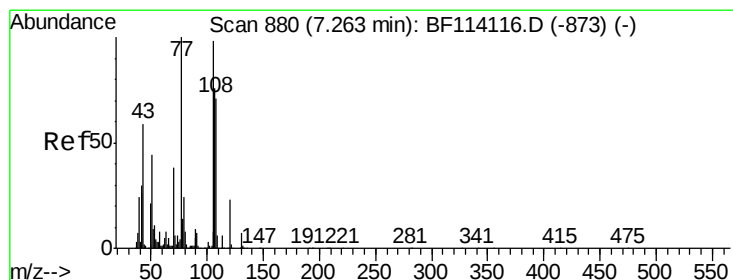
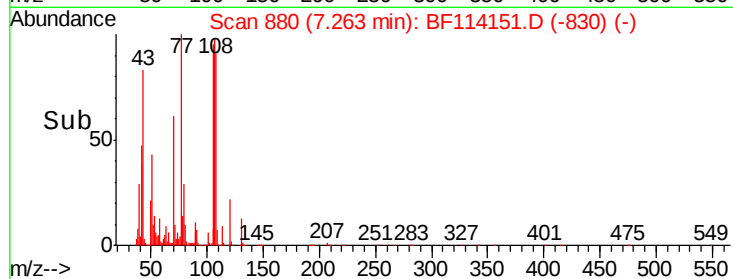
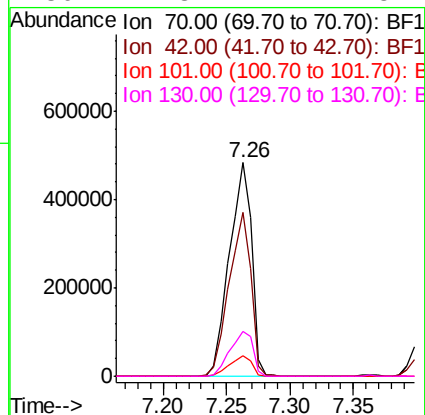
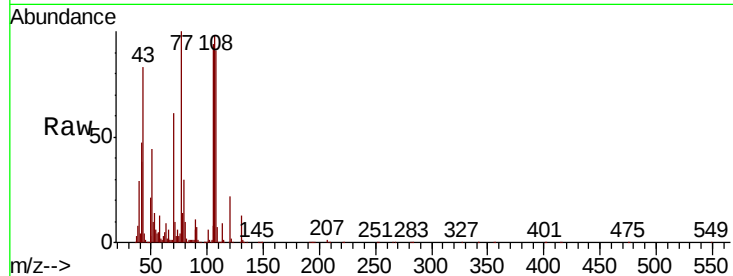
#19
n-Nitroso-di-n-propylamine
Concen: 40.803 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	76.6	58.6	87.8
101	9.4	7.8	11.8
130	21.3	17.1	25.7

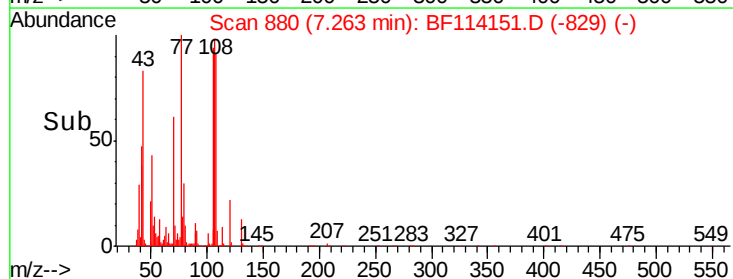
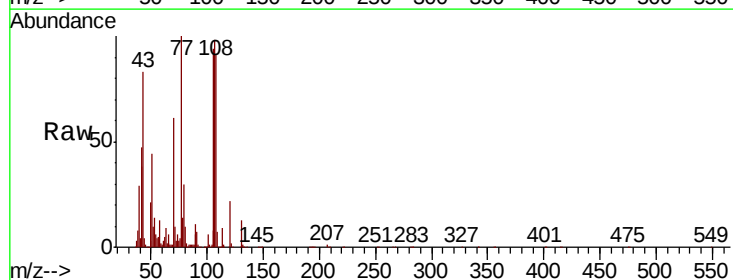
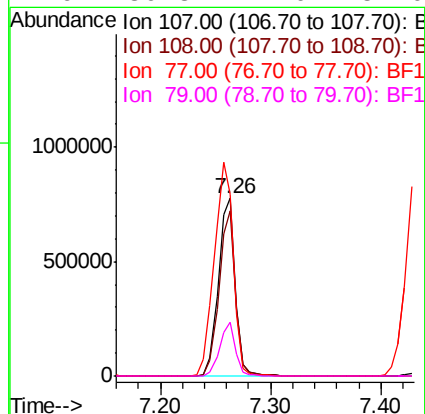
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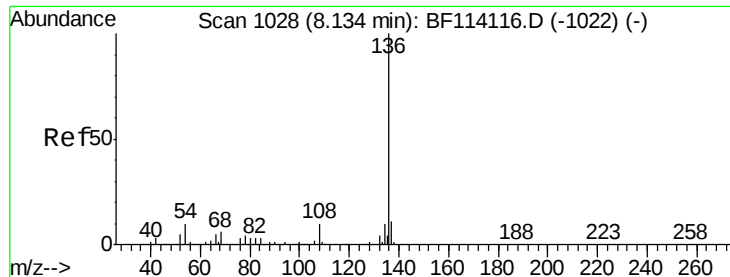
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#20
3+4-Methylphenols
Concen: 41.958 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.8	113.8
77	102.4	111.5	151.5#
79	30.3	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

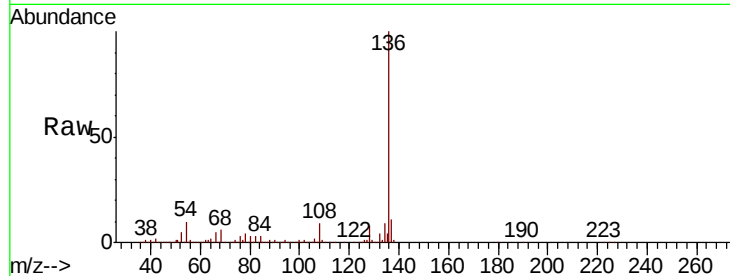
ClientSampleId :

PB119622BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	9.9	7.8	11.8
68	6.4	5.1	7.7

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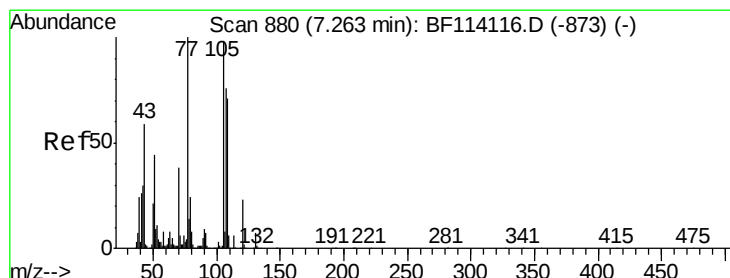
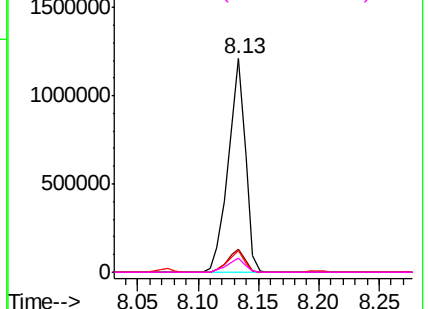
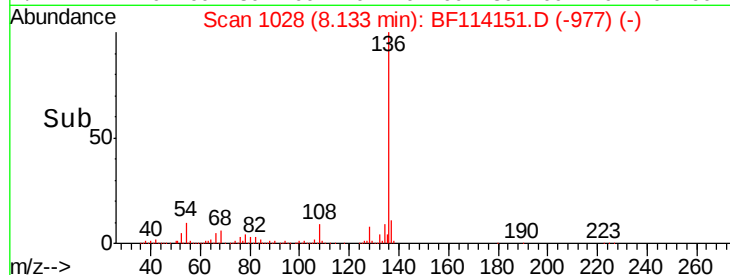
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.053 ng

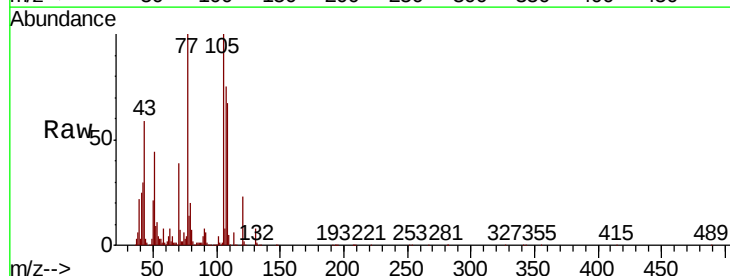
RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.8	5.3	7.9
51	44.3	36.2	54.4
120	23.1	18.6	28.0



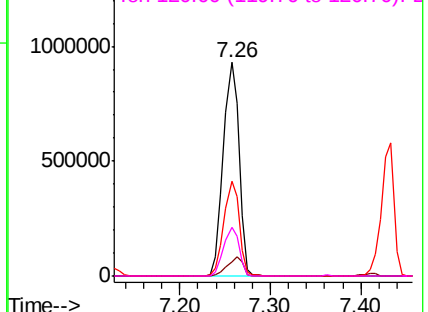
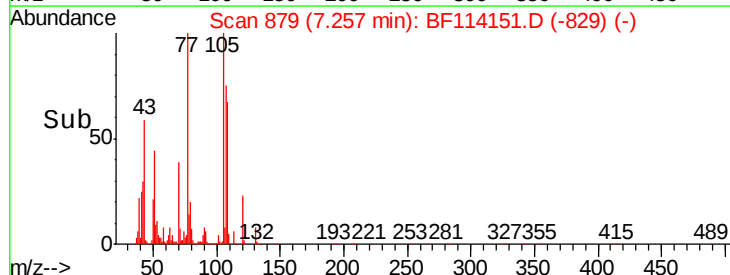
Abundance

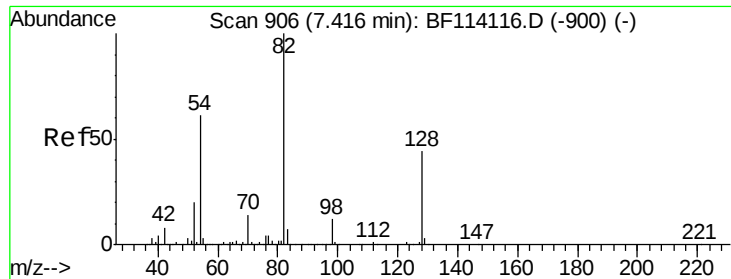
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





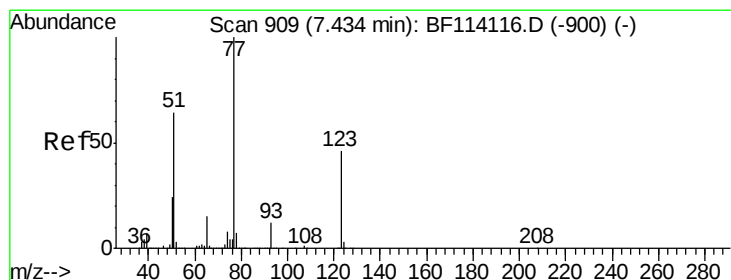
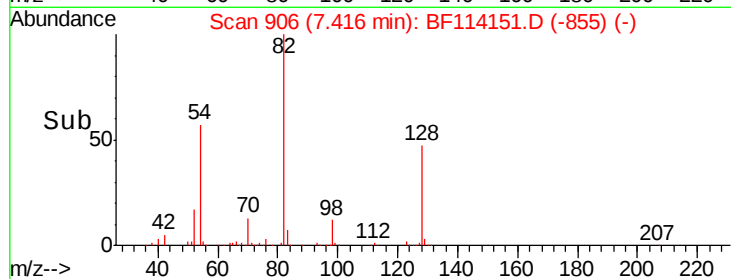
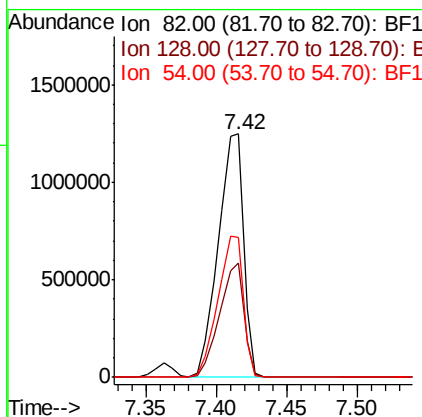
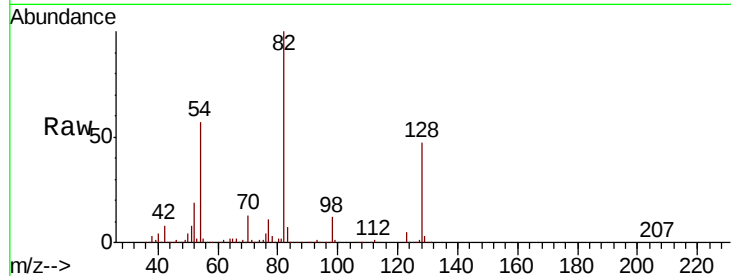
#23
 Nitrobenzene-d5
 Concen: 73.307 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.5	53.3
54	57.5	48.5	72.7

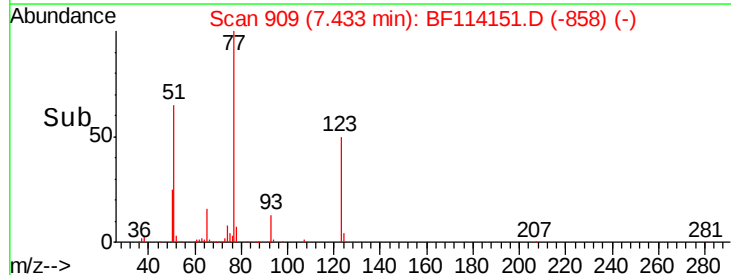
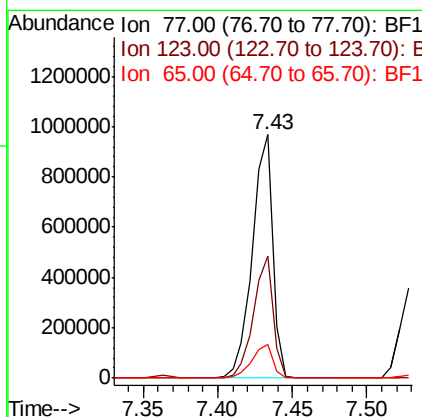
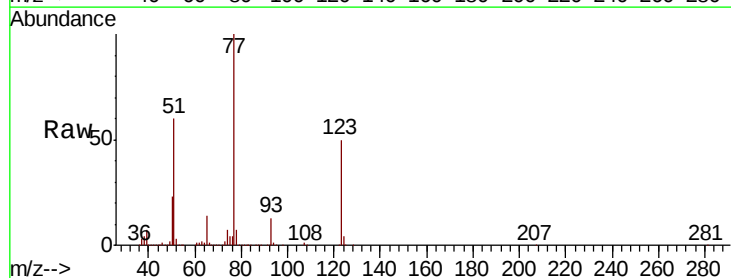
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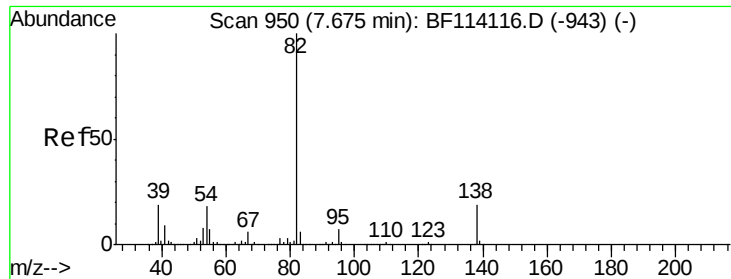
Sohil
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#24
 Nitrobenzene
 Concen: 42.089 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.2	36.9	55.3
65	14.0	11.8	17.6





#25

Isophorone

Concen: 42.259 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

Tot Ion: 82 Resp: 1667329

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

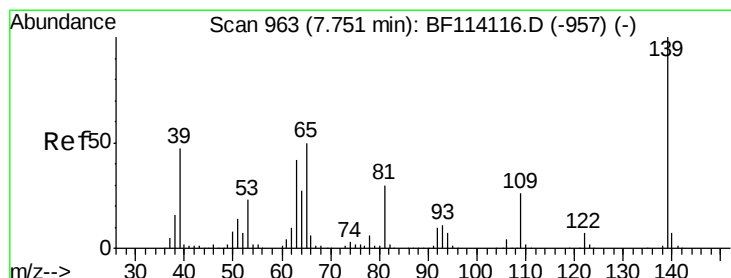
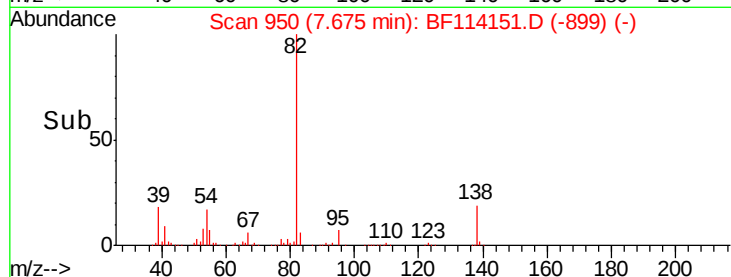
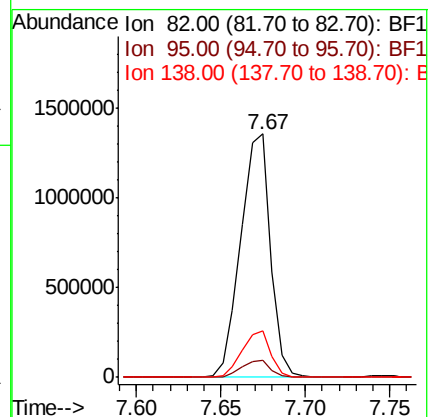
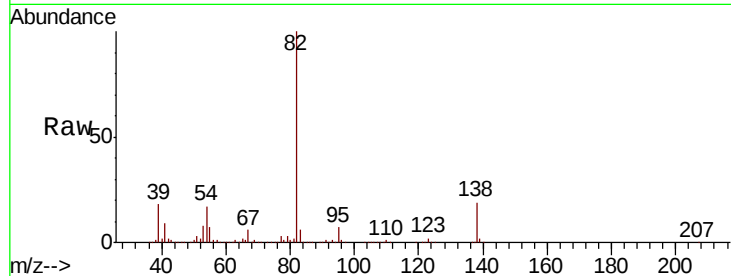
138 19.0 14.8 22.2

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#26

2-Nitrophenol

Concen: 44.958 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

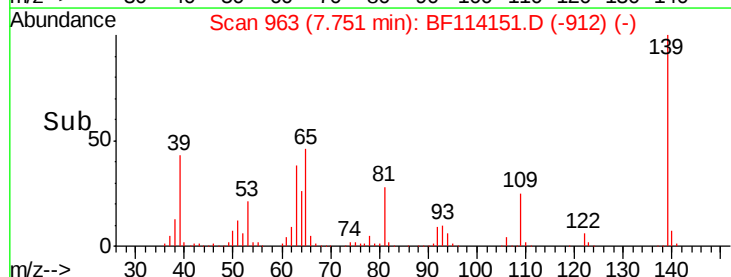
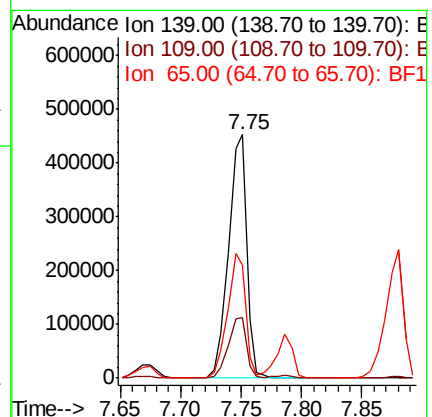
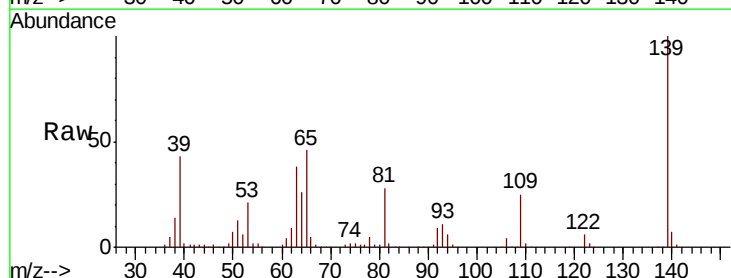
Tgt Ion: 139 Resp: 472620

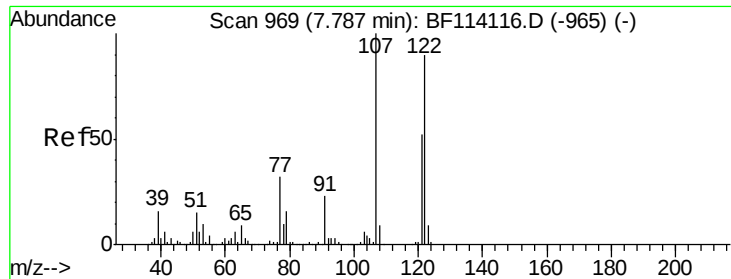
Ion Ratio Lower Upper

139 100

109 24.8 20.7 31.1

65 46.4 40.2 60.2





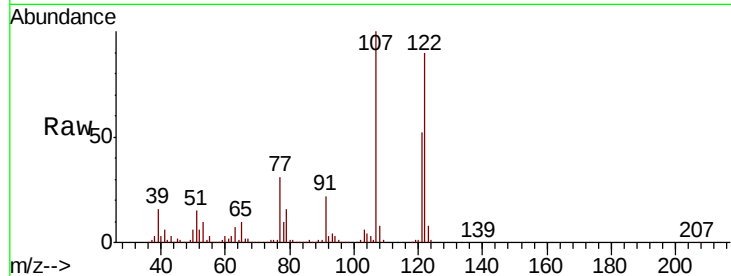
#27
2,4-Dimethylphenol
Concen: 47.196 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	88.4	132.6
121	58.0	45.9	68.9

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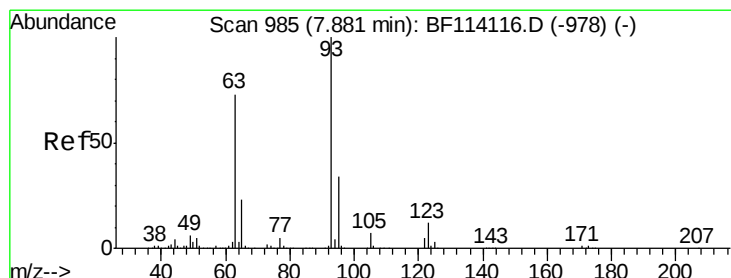
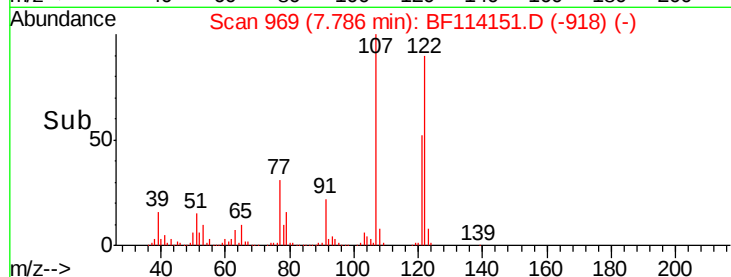
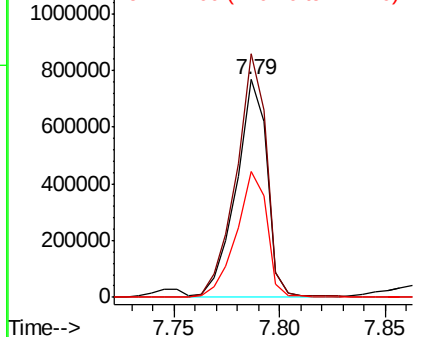


Abundance

Ion 122.00 (121.70 to 122.70): E

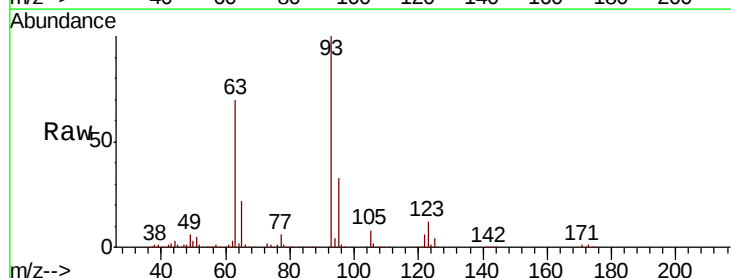
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.659 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.8	40.2
123	11.7	9.5	14.3

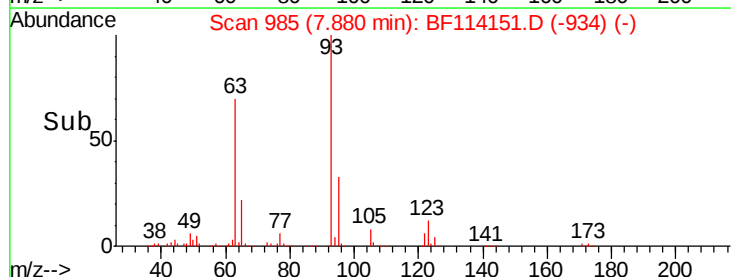
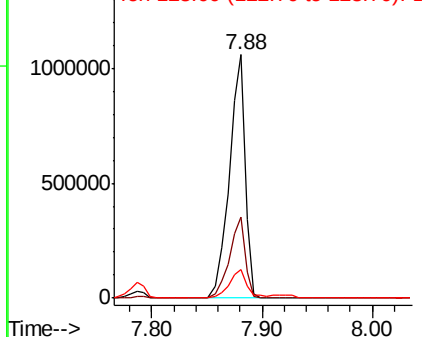


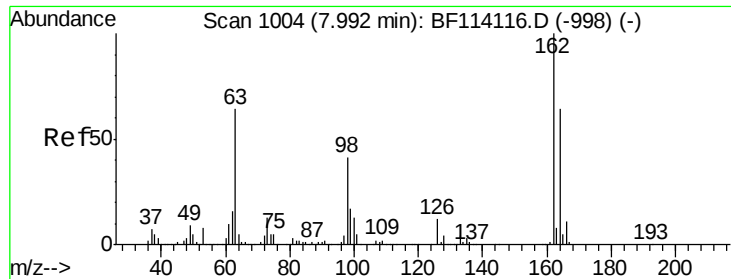
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





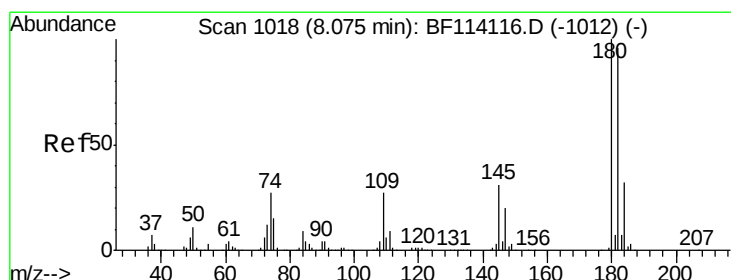
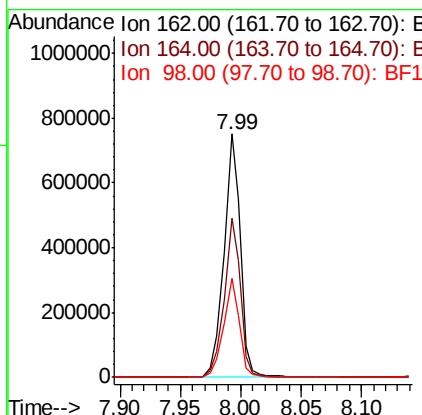
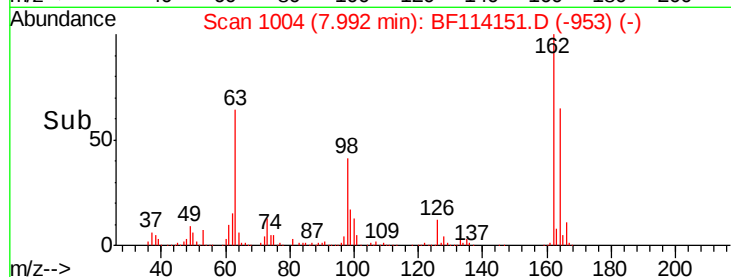
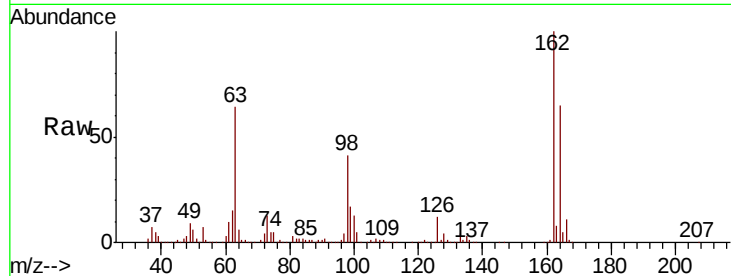
#29
2,4-Dichlorophenol
Concen: 42.912 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampled :
PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	705498		
164	65.1	43.6	83.6	
98	40.7	20.6	60.6	

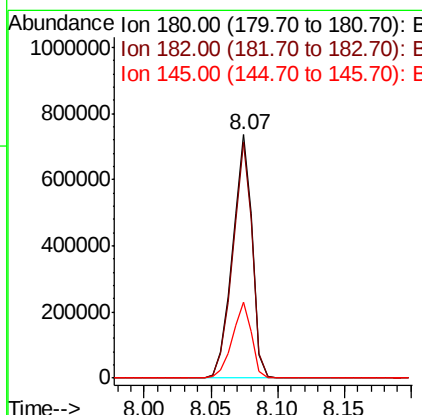
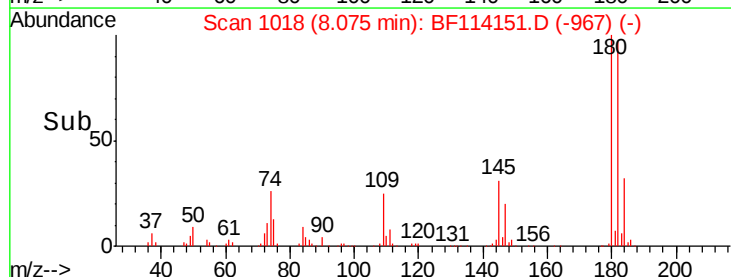
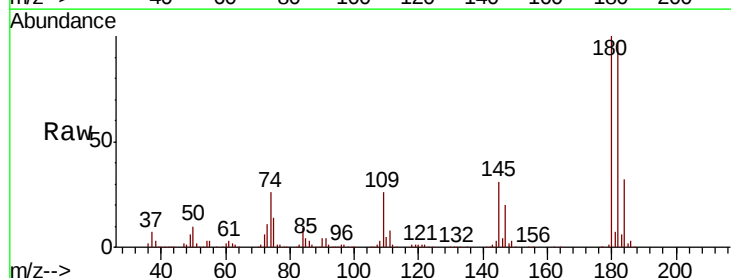
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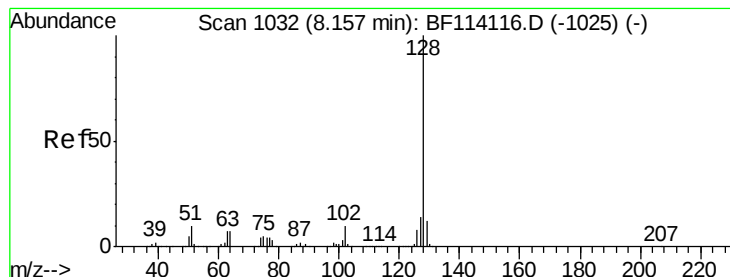
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 40.475 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	756681		
182	96.8	76.6	114.8	
145	31.1	25.1	37.7	





#31

Naphthalene

Concen: 42.966 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

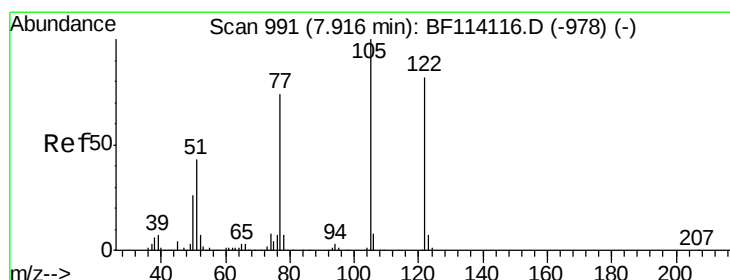
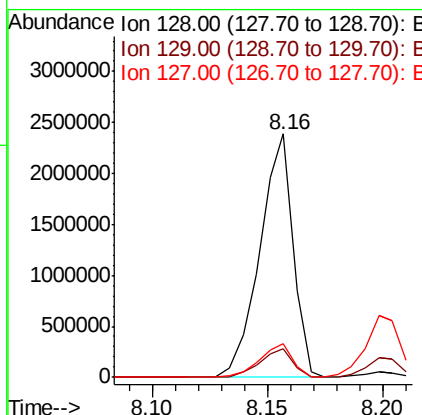
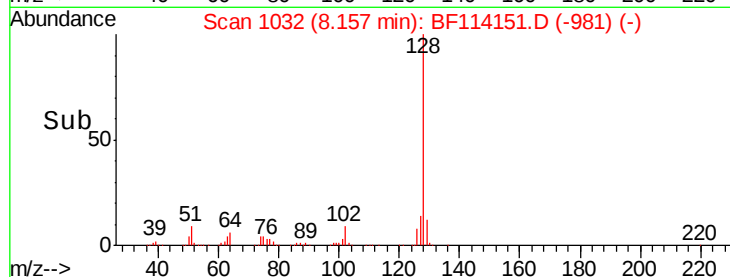
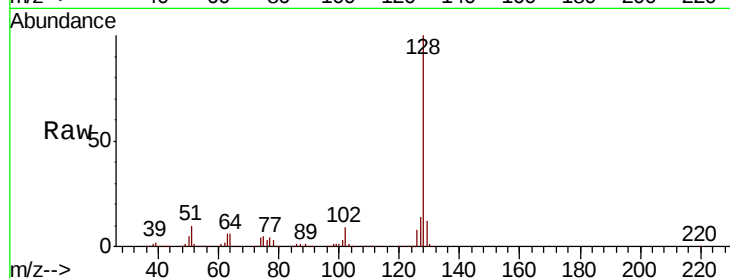
ClientSampleId :

PB119622BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.9	11.3	16.9

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#32

Benzoic acid

Concen: 44.907 ng

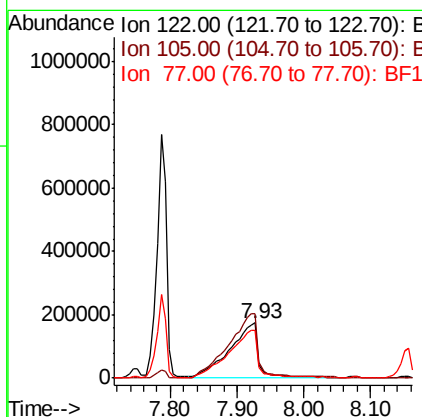
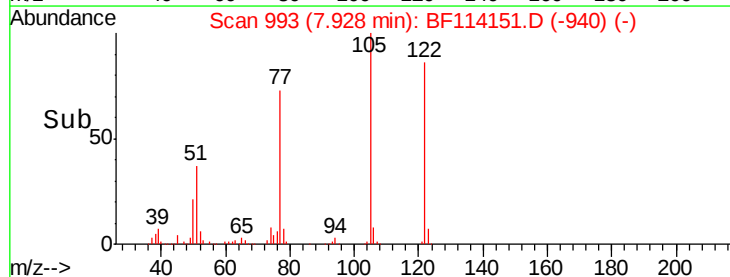
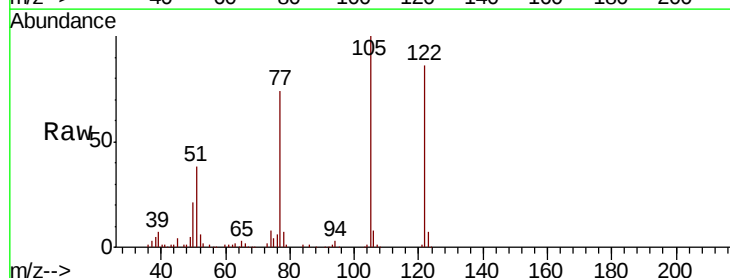
RT: 7.93 min Scan# 993

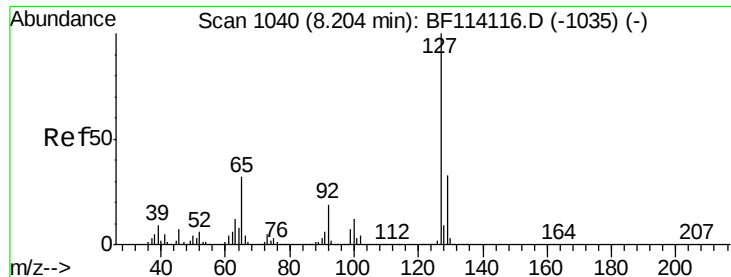
Delta R.T. 0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.7	99.9	139.9
77	86.1	69.4	109.4





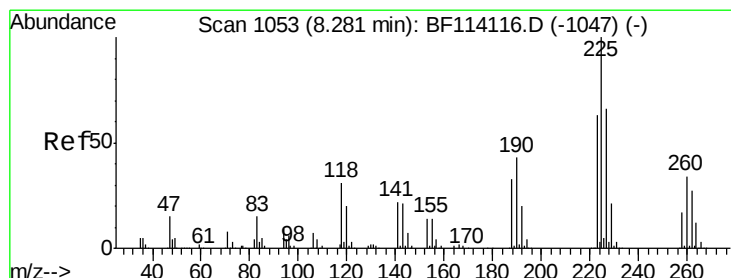
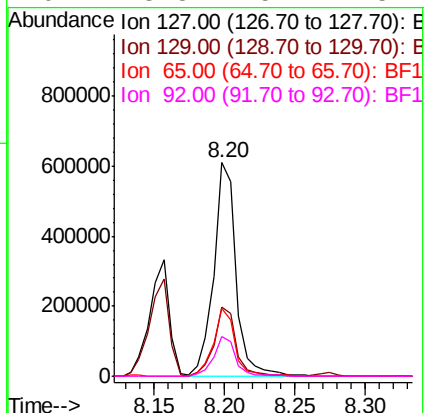
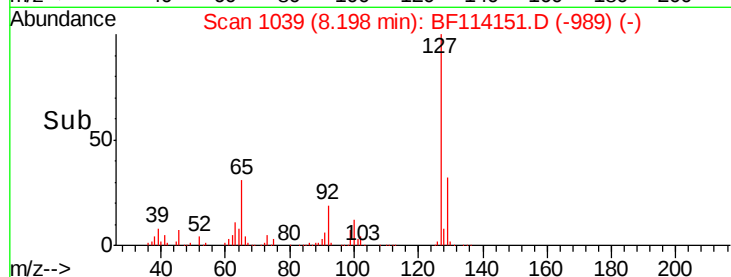
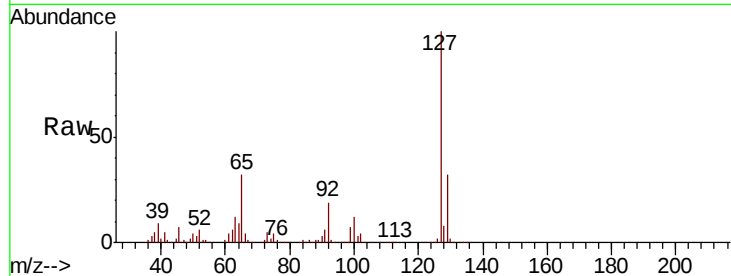
#33
4-Chloroaniline
Concen: 26.340 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.7	40.1	
65	32.0	25.4	38.0	
92	18.8	15.4	23.2	

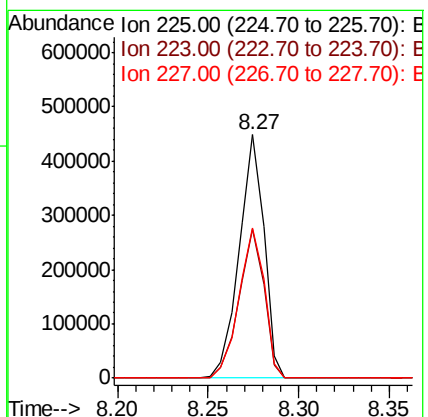
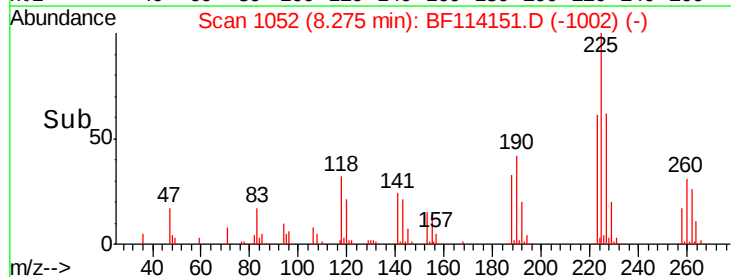
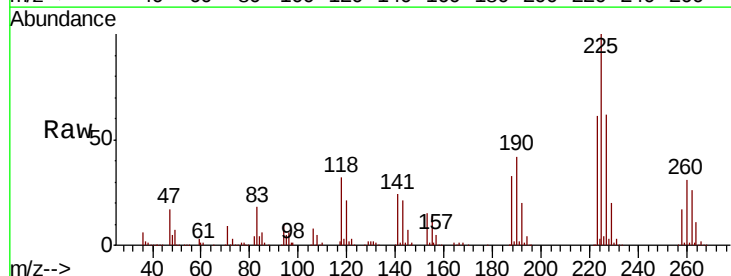
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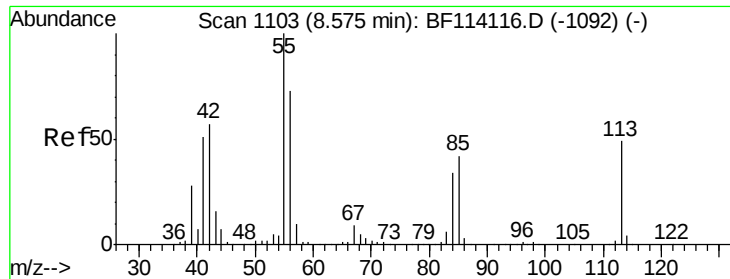
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#34
Hexachlorobutadiene
Concen: 40.240 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.3	50.2	75.2	
227	61.8	52.6	79.0	





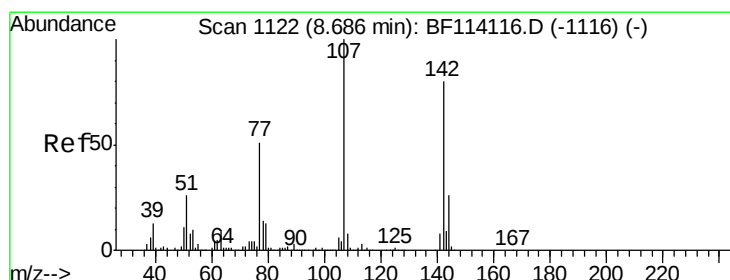
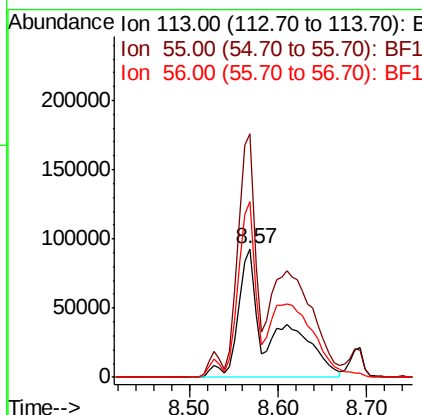
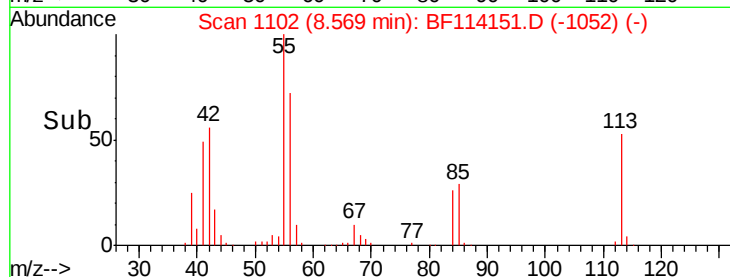
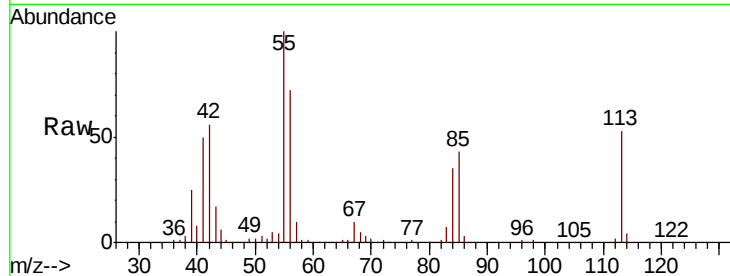
#35
Caprolactam
Concen: 46.620 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.6	183.5	223.5
56	136.5	128.8	168.8

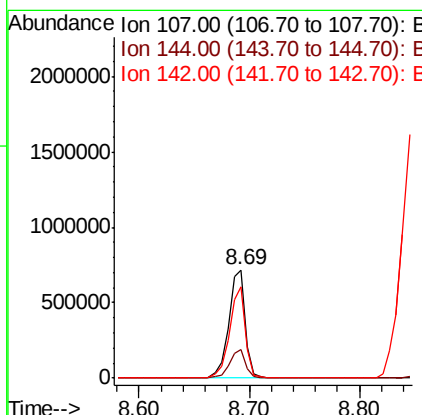
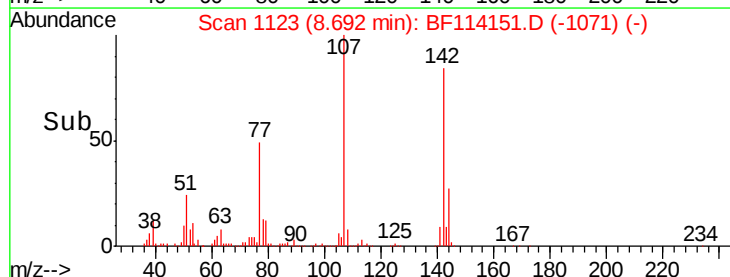
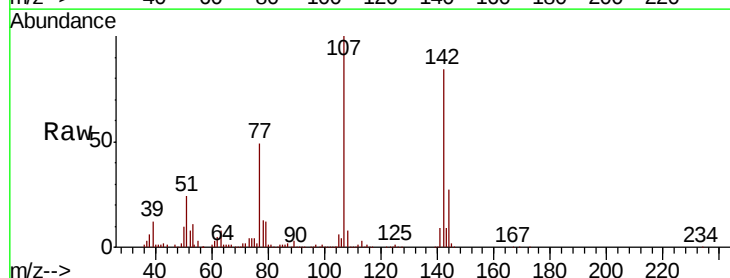
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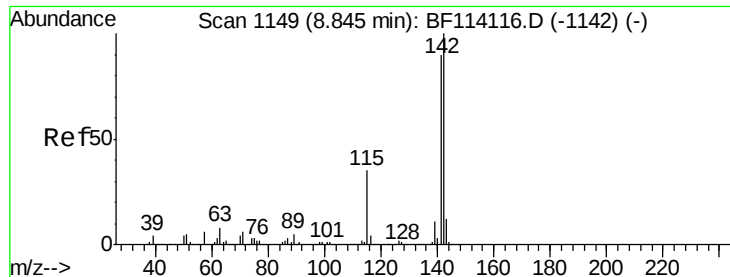
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#36
4-Chloro-3-methylphenol
Concen: 45.498 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.9	20.4	30.6
142	83.8	64.2	96.4





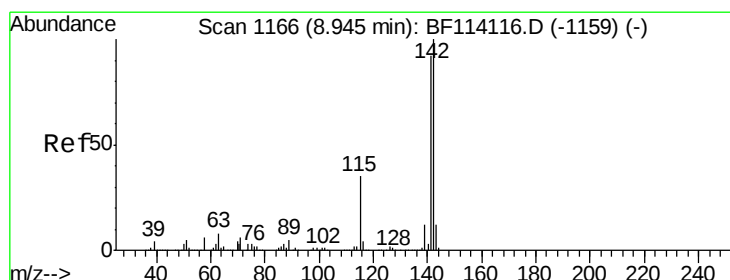
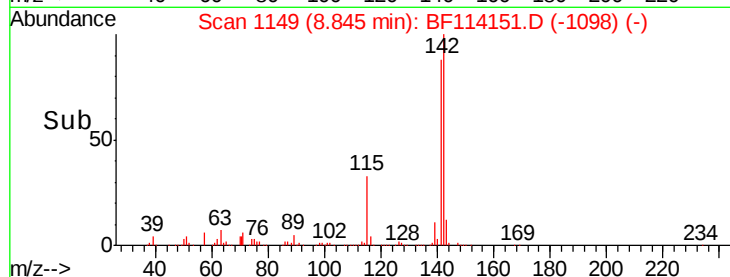
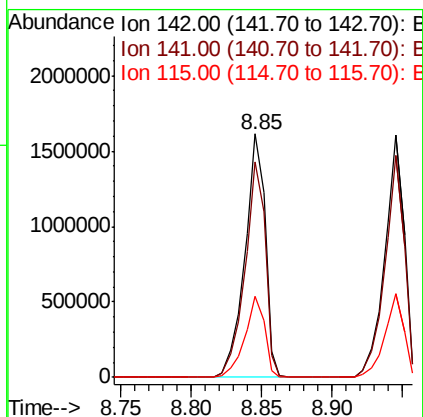
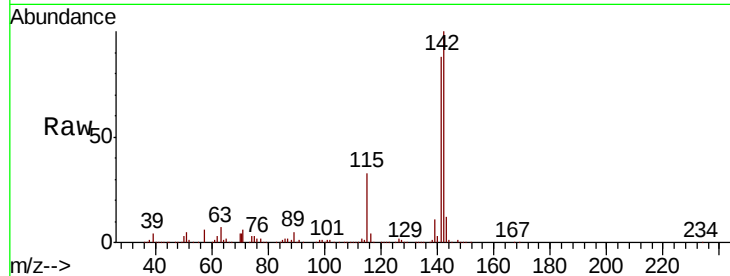
#37
2-Methylnaphthalene
Concen: 45.277 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	33.3	28.0	42.0

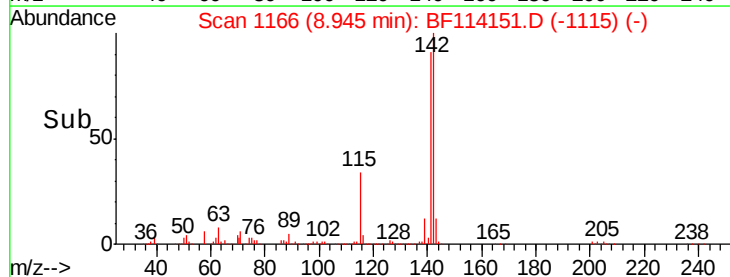
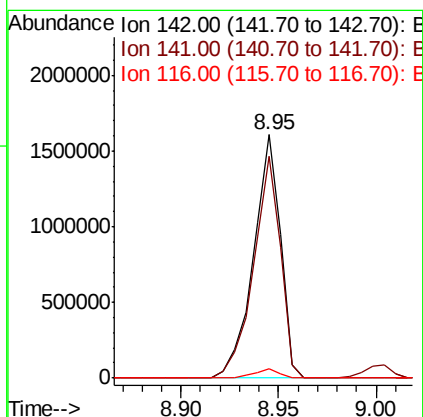
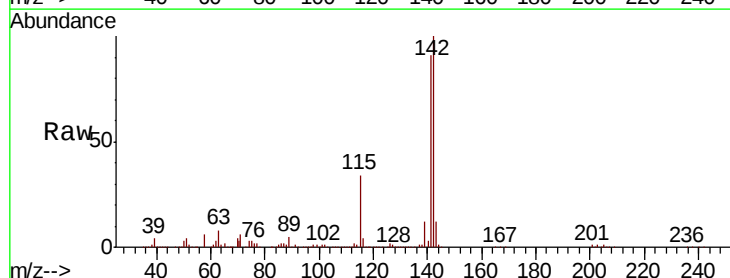
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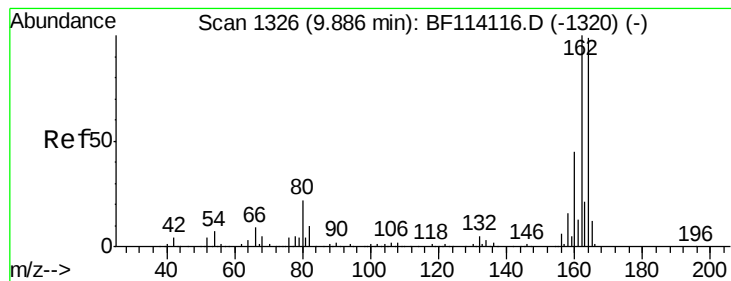
Sohil
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#38
1-Methylnaphthalene
Concen: 45.232 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.4	110.0
116	3.6	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

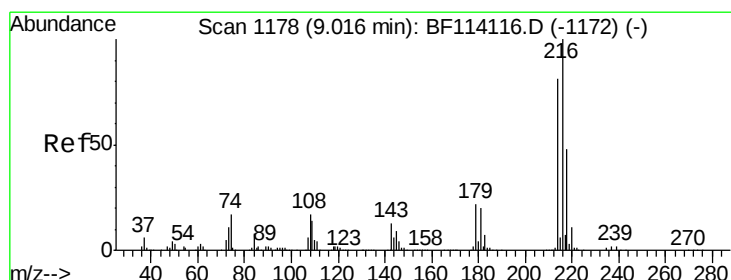
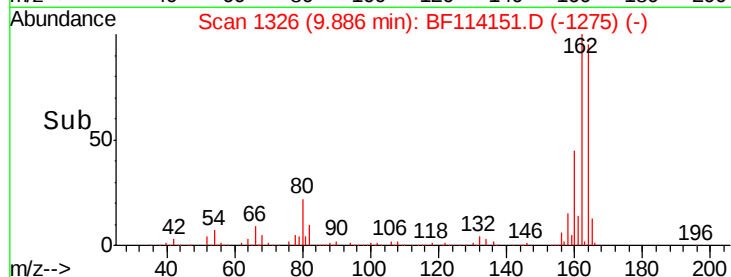
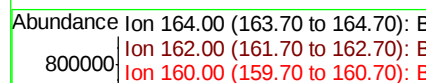
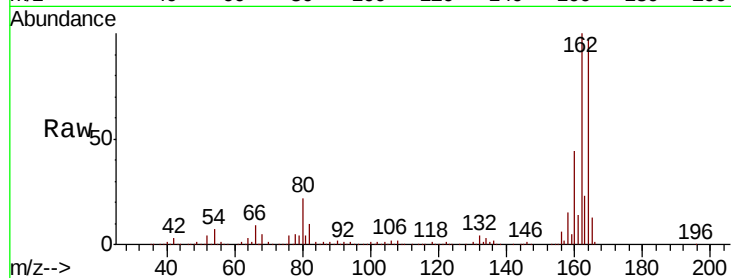
ClientSampleId :

PB119622BSD

Tot Ion:	164	Resp:	560913
Ion Ratio	Lower	Upper	
164	100		
162	103.1	80.6	120.8
160	45.8	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.674 ng

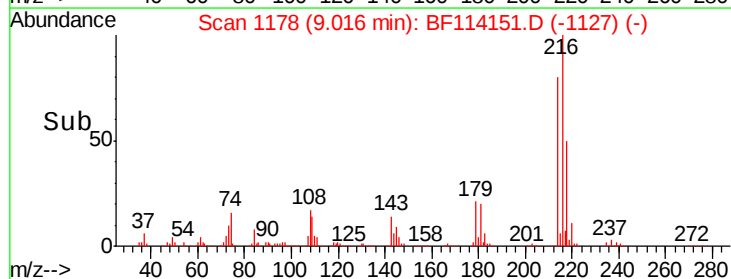
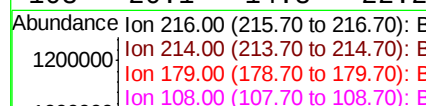
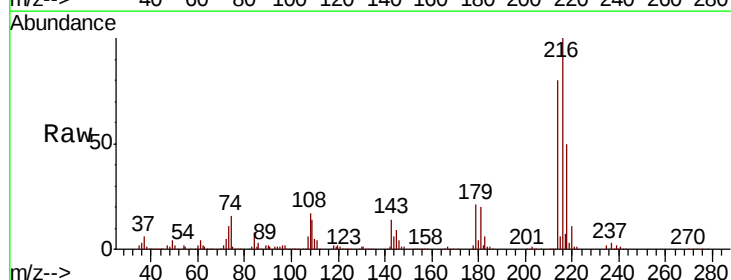
RT: 9.02 min Scan# 1178

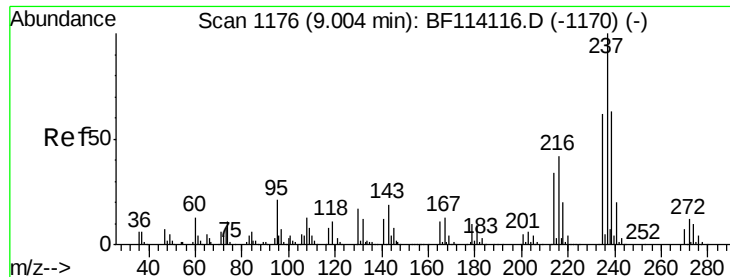
Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:	216	Resp:	708095
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.9	95.9
179	21.0	17.0	25.6
108	20.1	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 84.837 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

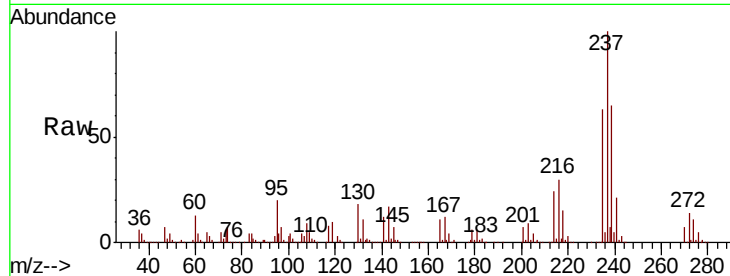
ClientSampleId :

PB119622BSD

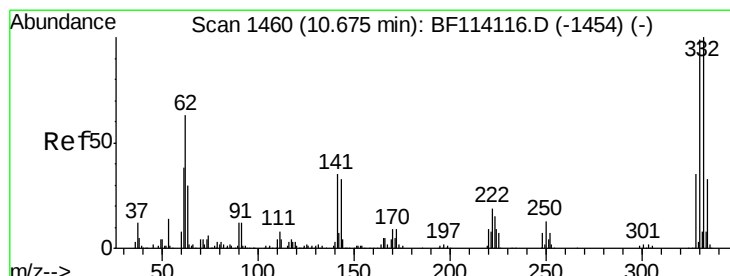
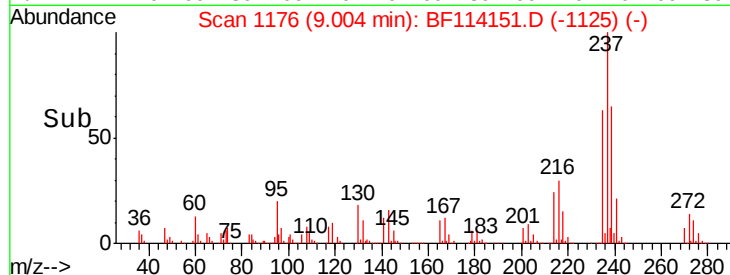
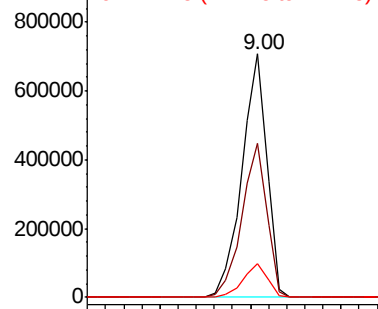
Tot Ion:	237	Resp:	673748
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.0	82.0
272	13.8	0.0	32.4

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 120.895 ng

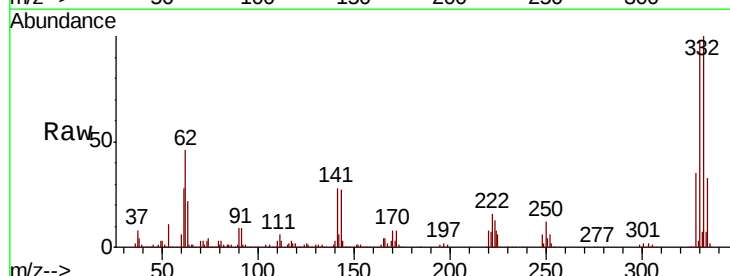
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

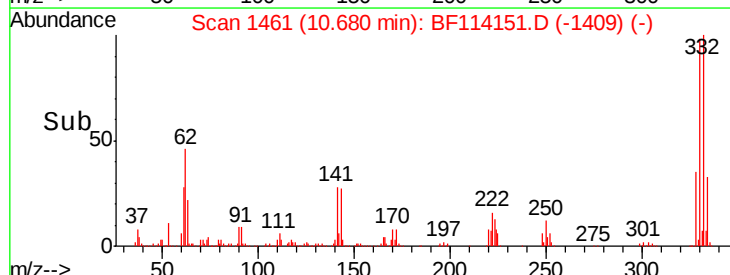
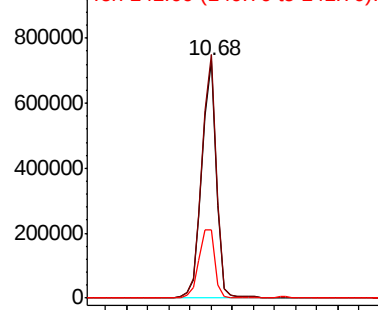
Lab File: BF114151.D

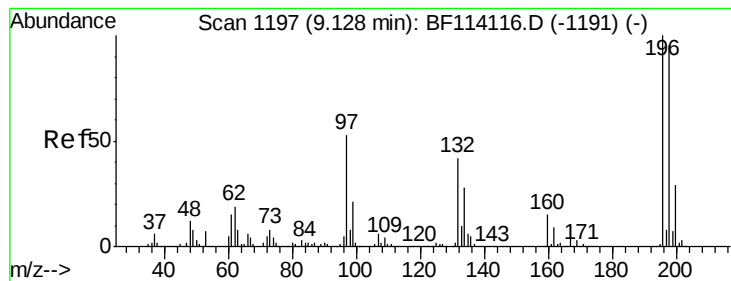
Acq: 11 May 2019 12:30

Tgt Ion:	330	Resp:	701059
Ion Ratio	Lower	Upper	
330	100		
332	102.7	81.4	122.2
141	31.9	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





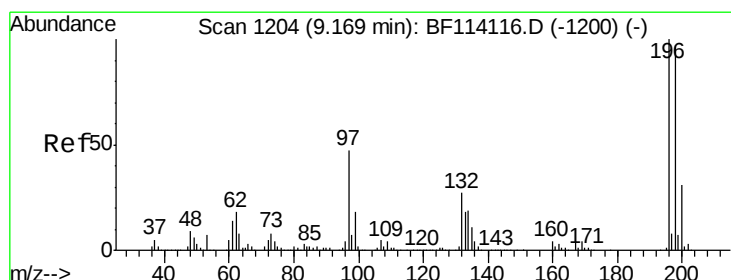
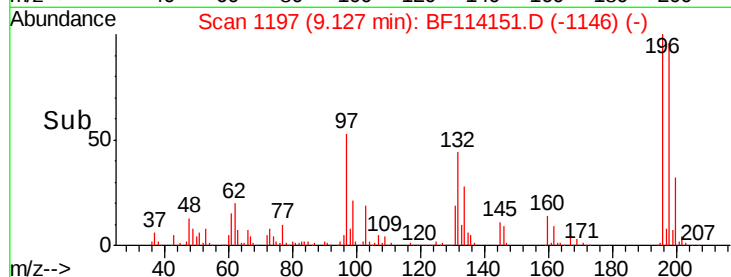
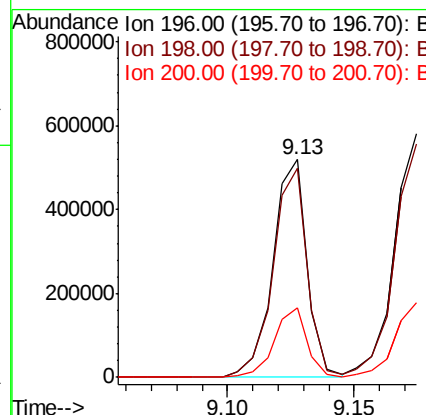
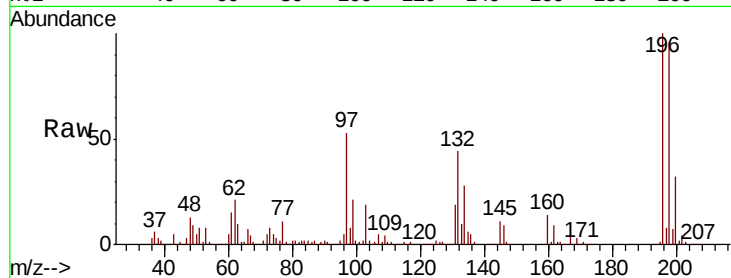
#43
 2,4,6-Trichlorophenol
 Concen: 41.945 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampled :
 PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	490220		
198	96.3	75.9	113.9	
200	31.9	23.5	35.3	

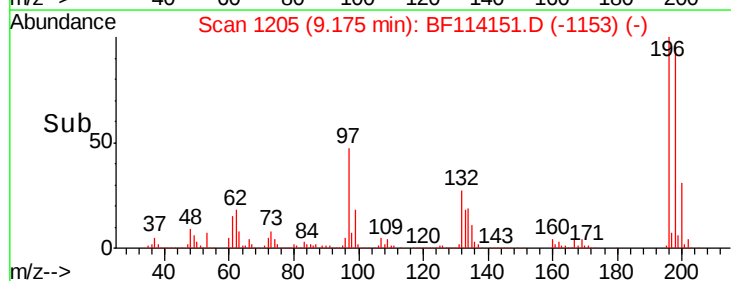
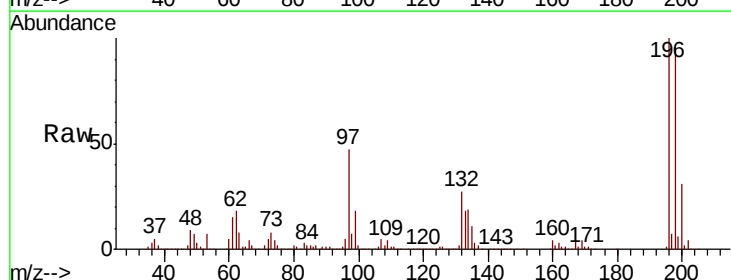
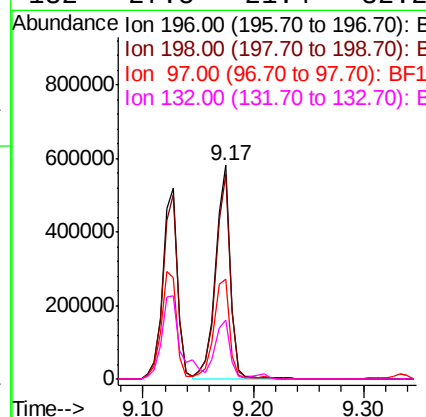
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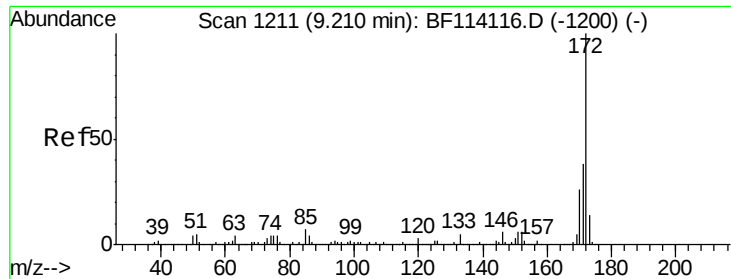
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#44
 2,4,5-Trichlorophenol
 Concen: 43.999 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	527355		
198	95.7	77.7	116.5	
97	46.8	38.2	57.2	
132	27.5	21.4	32.2	





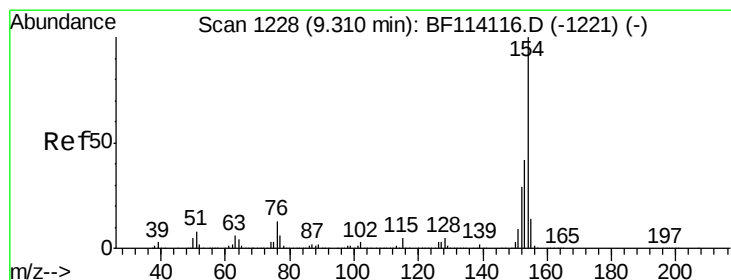
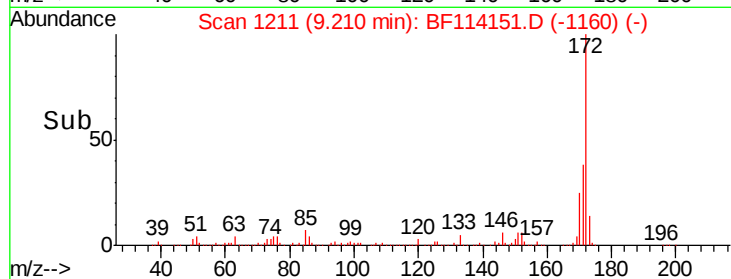
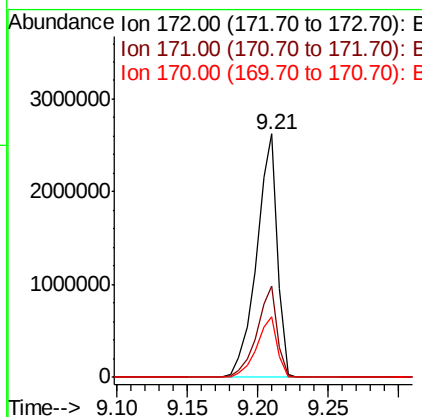
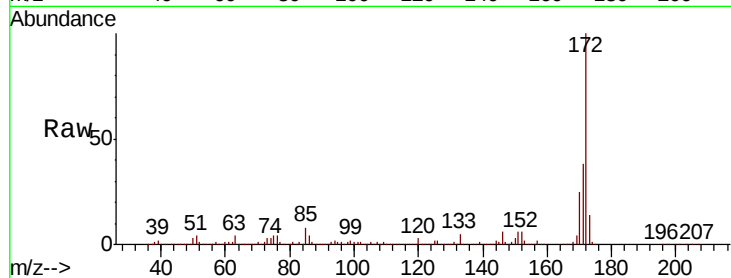
#45
2-Fluorobiphenyl
Concen: 73.258 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.7	46.1
170	25.0	20.5	30.7

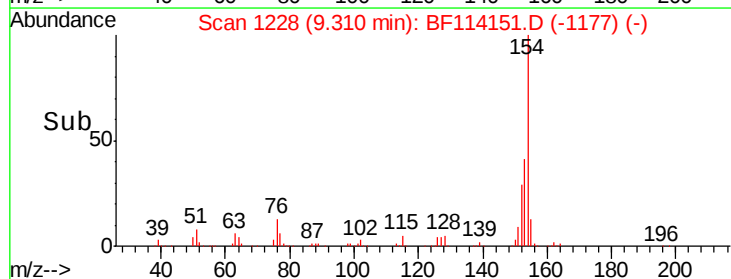
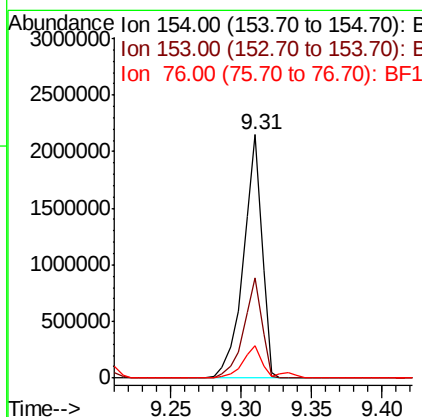
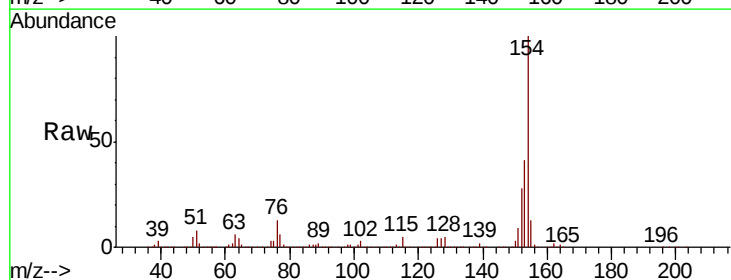
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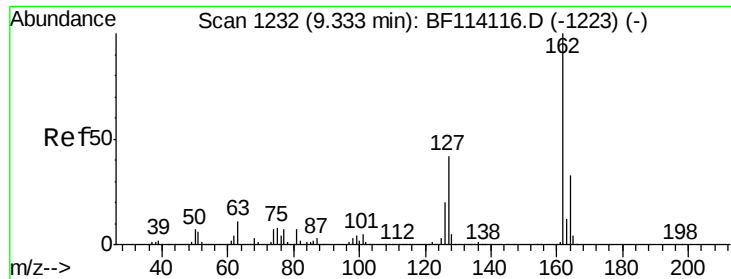
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#46
1,1'-Biphenyl
Concen: 43.295 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.9	61.9
76	13.3	0.0	32.8





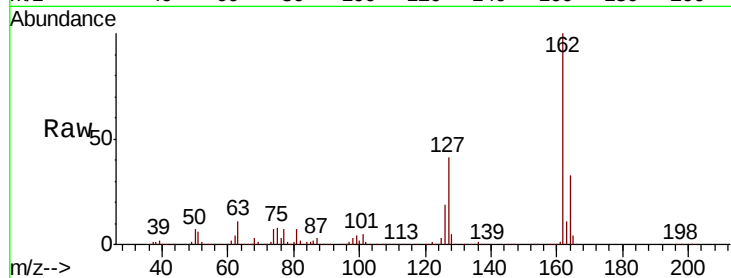
#47
 2-Chloronaphthalene
 Concen: 41.376 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

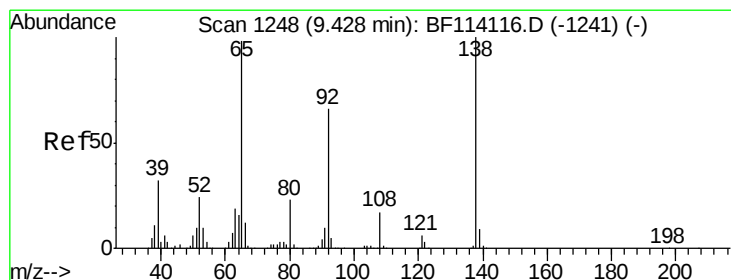
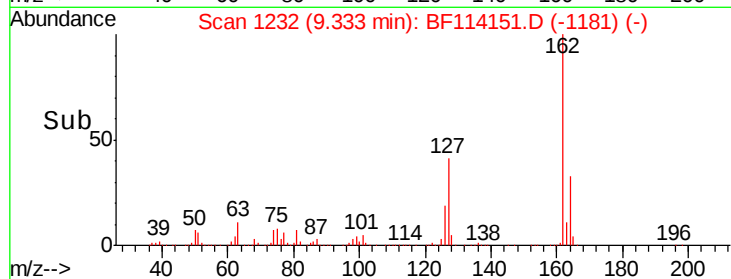
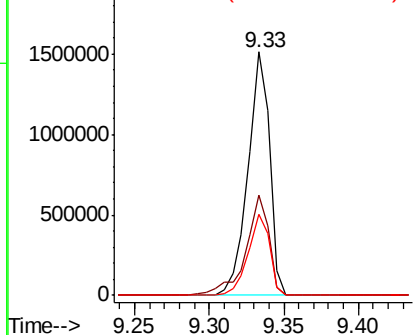
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.0	51.0
164	33.1	26.7	40.1

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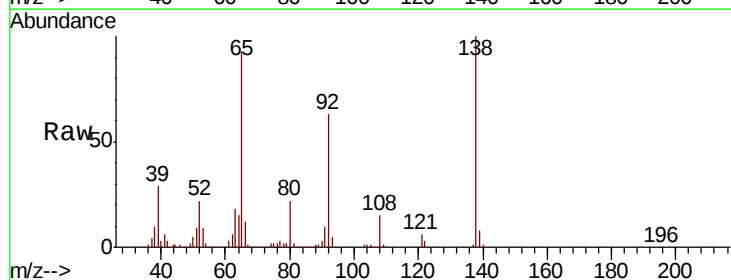


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

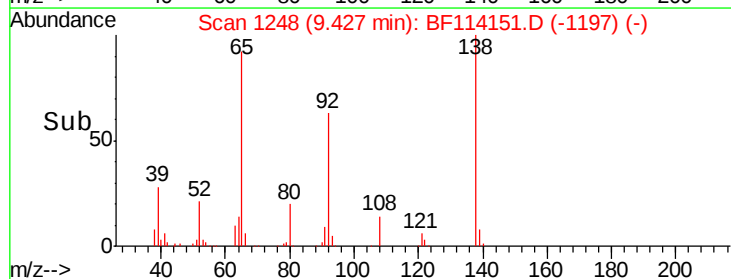
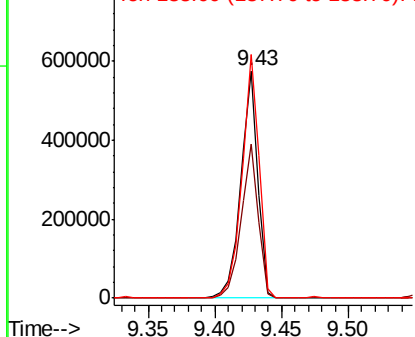


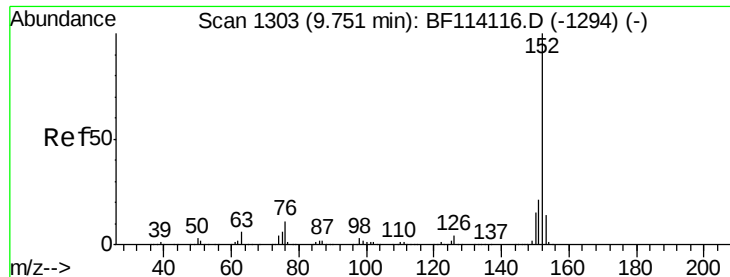
#48
 2-Nitroaniline
 Concen: 39.389 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	53.9	80.9
138	107.2	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.968 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

Tot Ion:152 Resp: 2383246

Ion Ratio Lower Upper

152 100

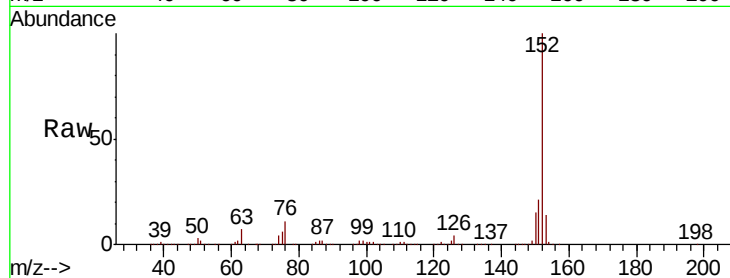
151 21.2 16.8 25.2

153 14.1 11.4 17.2

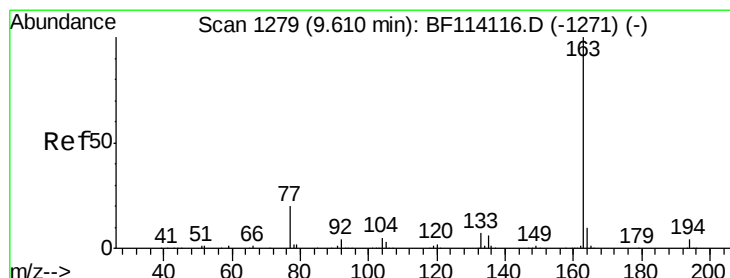
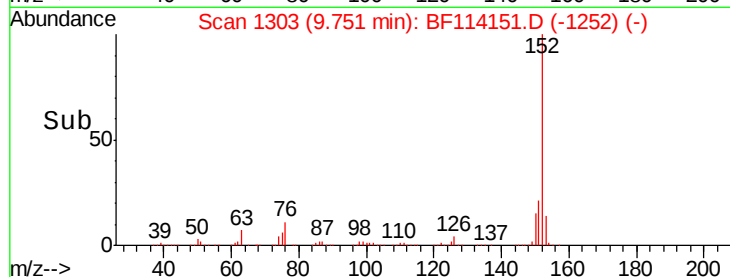
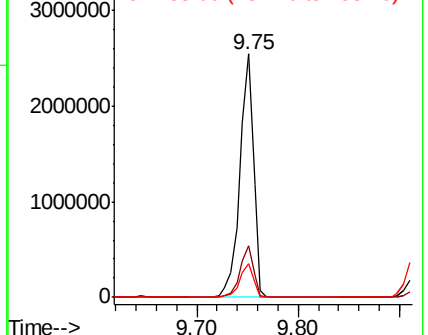
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.483 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

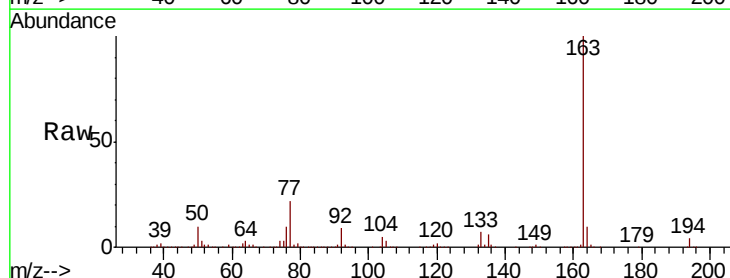
Tgt Ion:163 Resp: 1708122

Ion Ratio Lower Upper

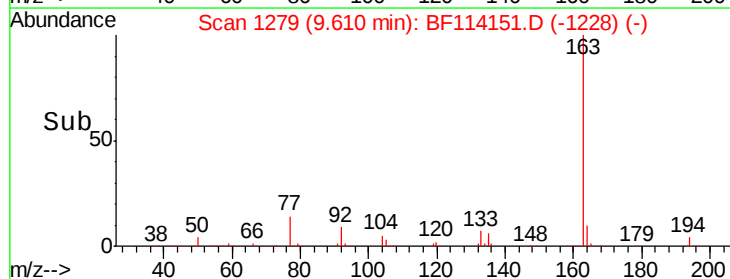
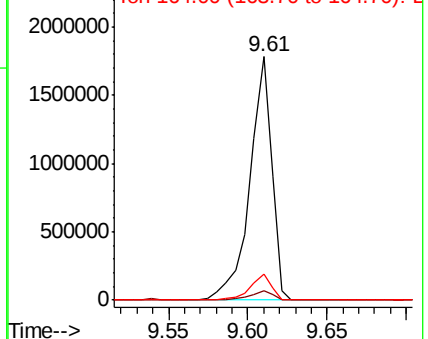
163 100

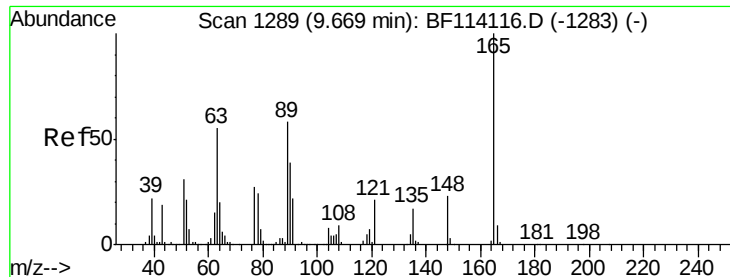
194 4.1 3.4 5.0

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.473 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

Tot Ion:165 Resp: 397029

Ion Ratio Lower Upper

165 100

63 59.8 50.2 75.4

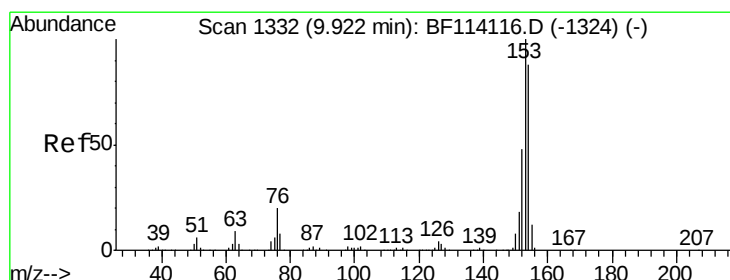
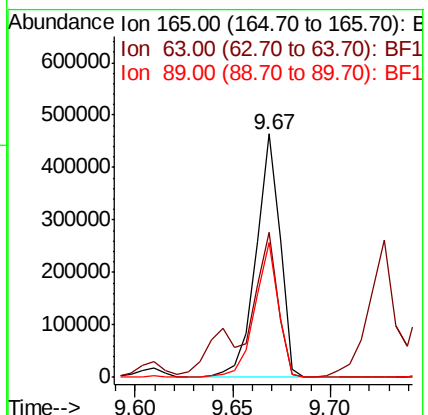
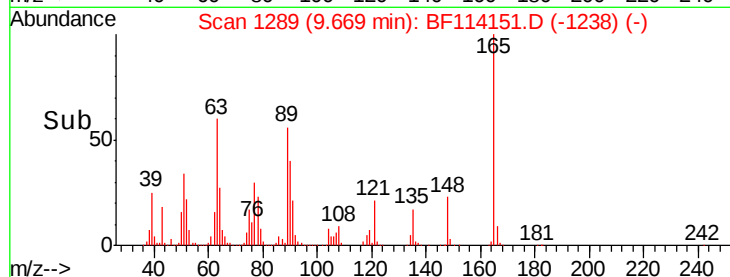
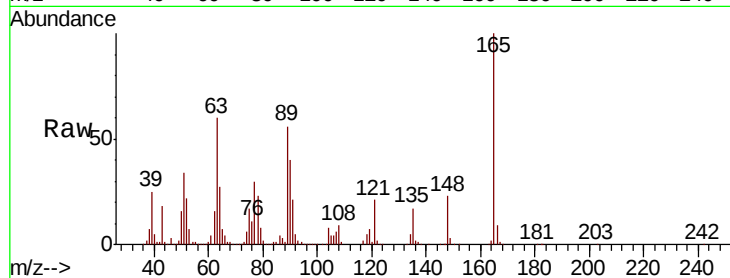
89 55.6 46.6 69.8

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#52

Acenaphthene

Concen: 41.460 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

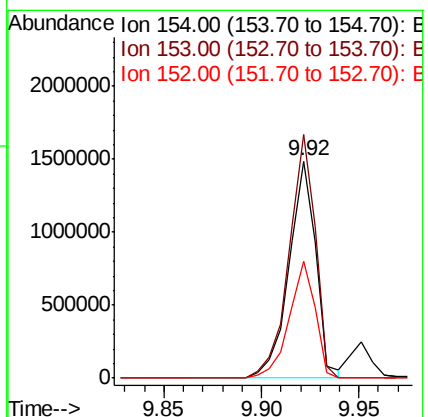
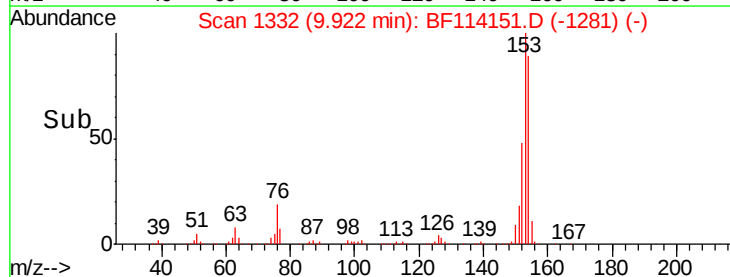
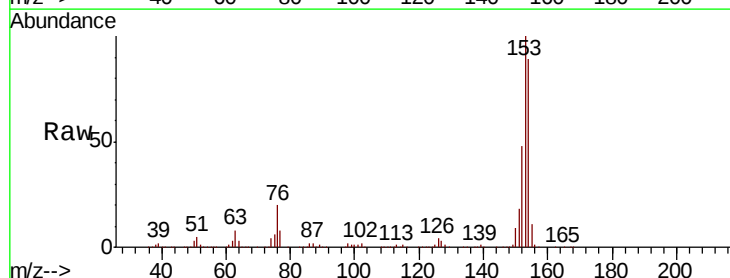
Tgt Ion:154 Resp: 1411162

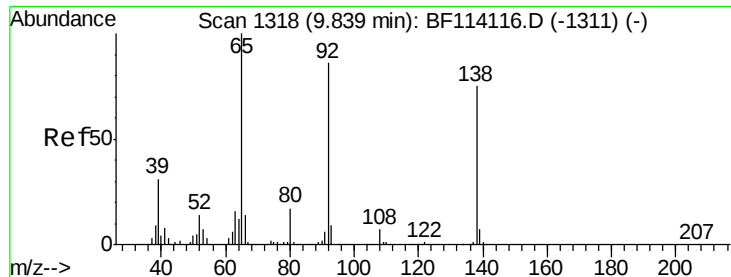
Ion Ratio Lower Upper

154 100

153 112.1 90.5 135.7

152 53.8 43.4 65.2





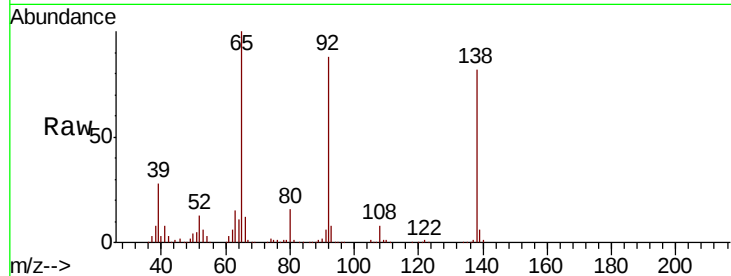
#53
3-Nitroaniline
Concen: 28.012 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.8	11.6
92	107.4	91.2	136.8

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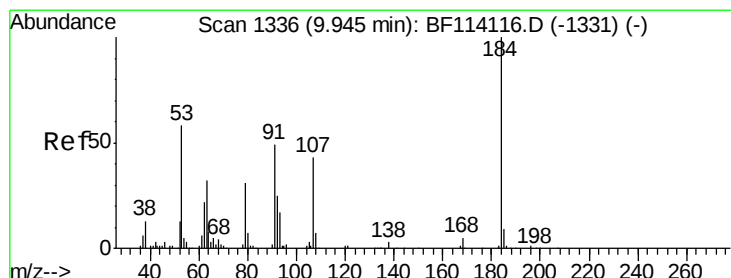
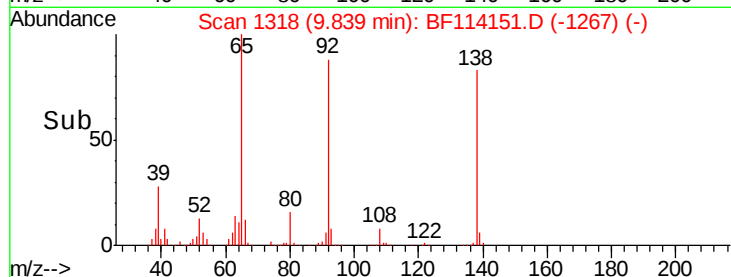
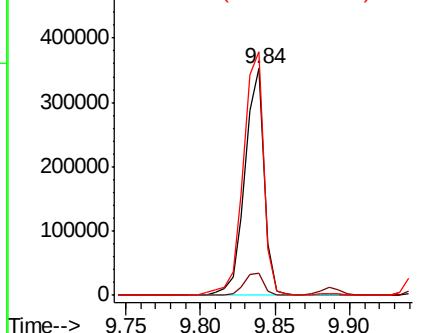


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 87.912 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

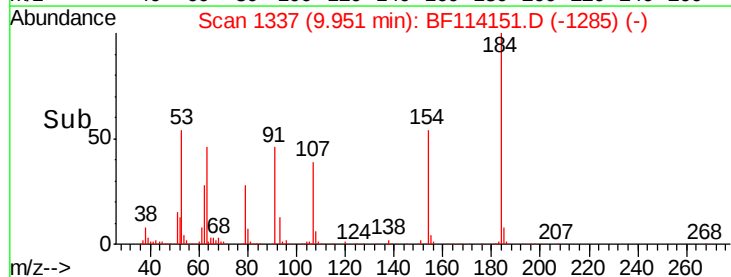
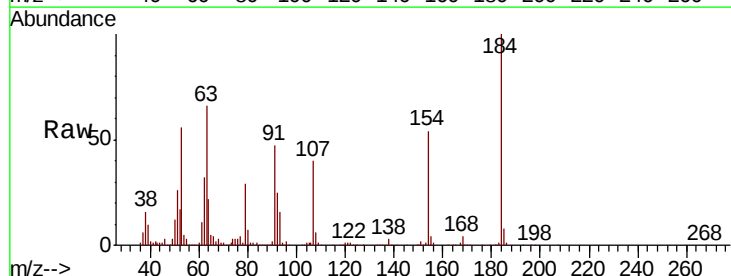
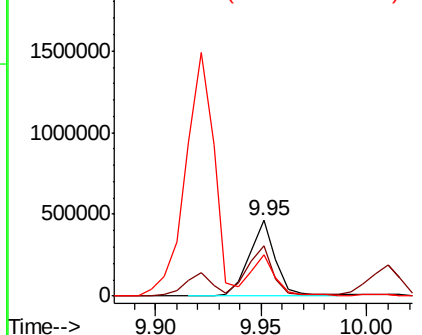
Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.4	55.6	83.4
154	54.4	46.0	69.0

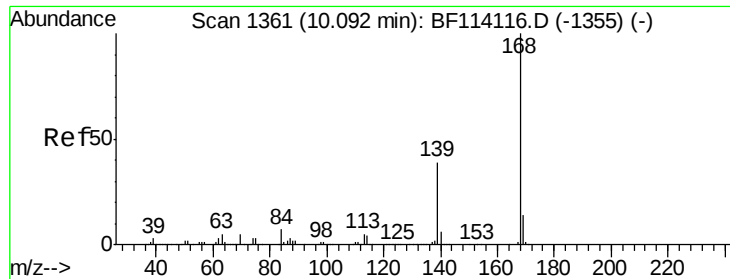
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





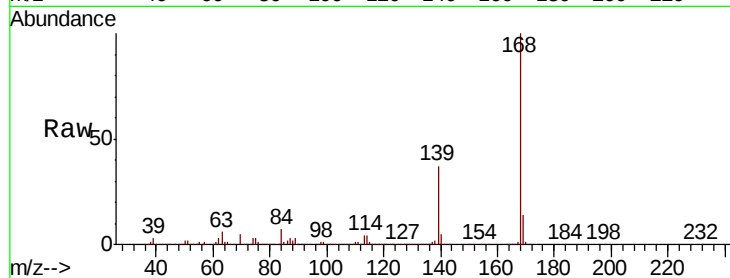
#55
Dibenzofuran
Concen: 41.609 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.1	46.7
169	14.3	11.4	17.0

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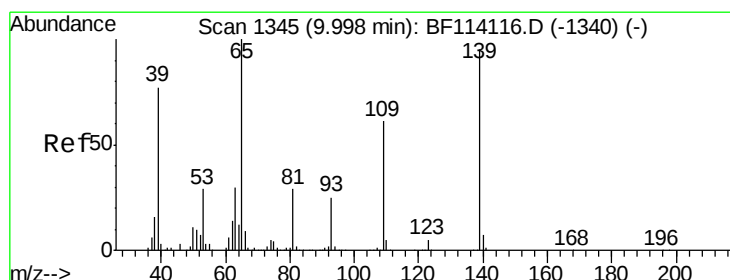
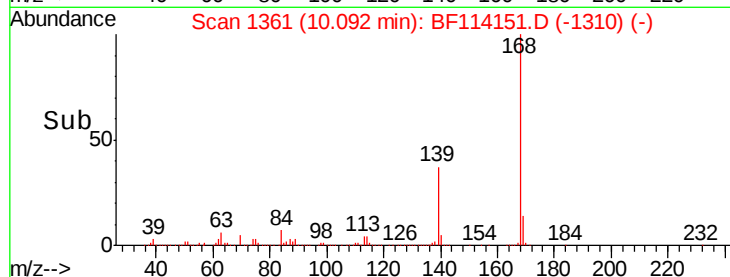
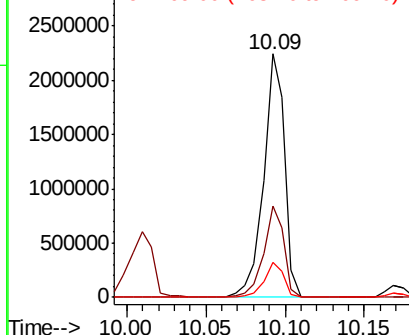


Abundance

Ion 168.00 (167.70 to 168.70): E

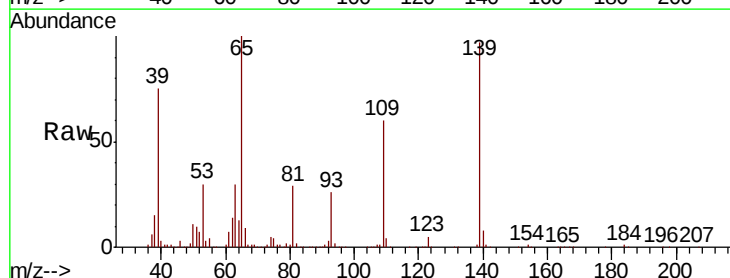
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 82.053 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	43.9	83.9
65	103.3	85.7	125.7

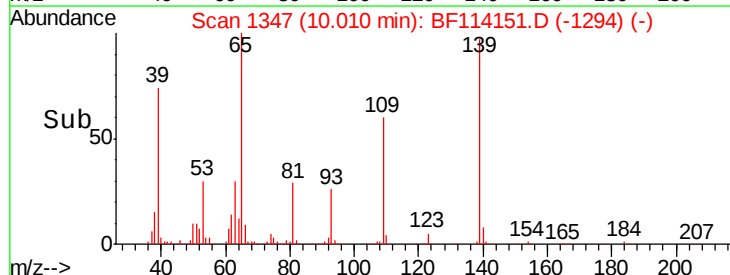
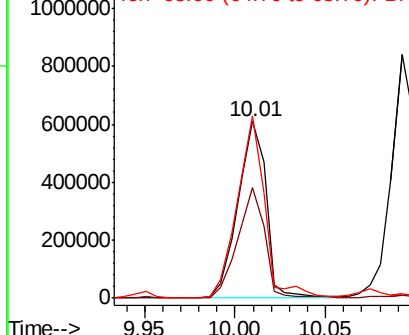


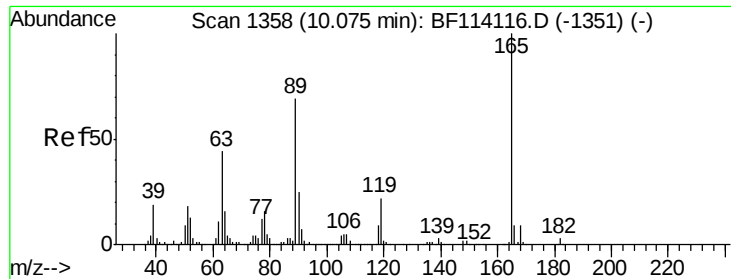
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





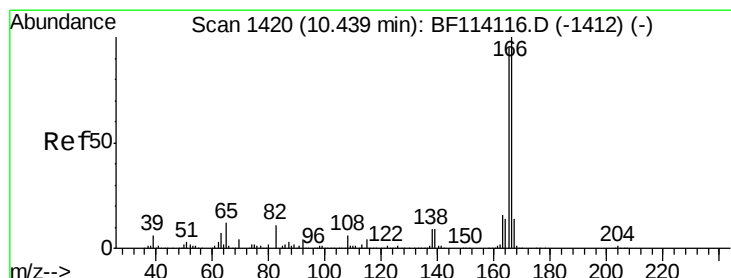
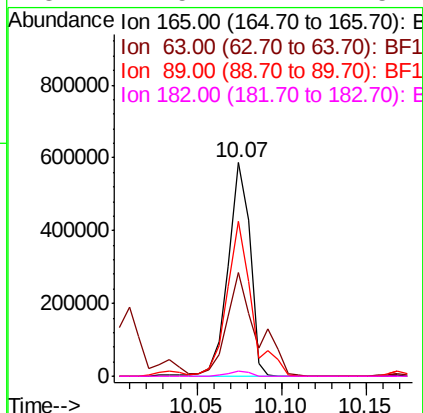
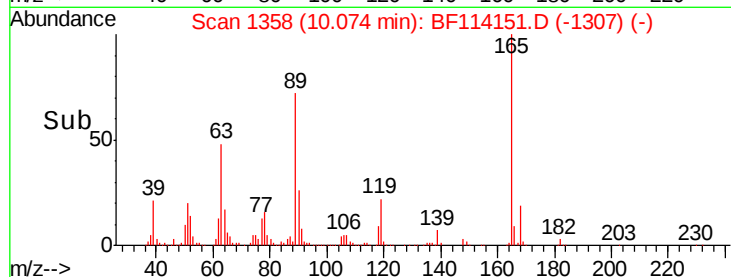
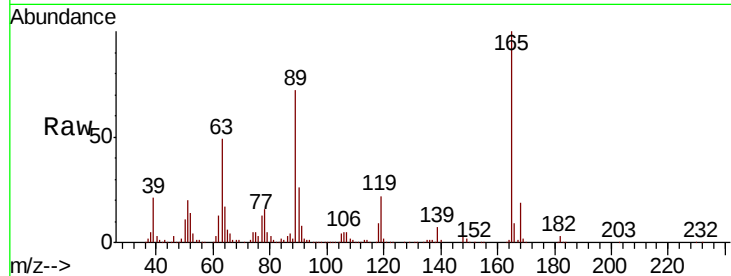
#57
2,4-Dinitrotoluene
Concen: 42.312 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	524501		
63	48.5		35.5	53.3
89	72.4		55.2	82.8
182	2.5		2.2	3.2

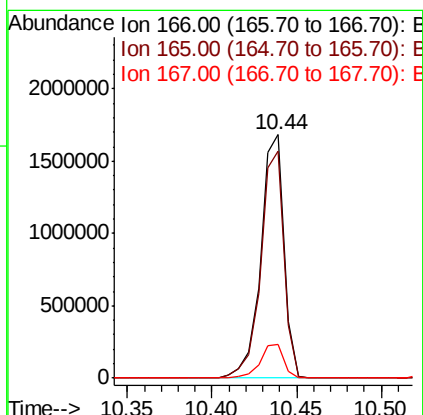
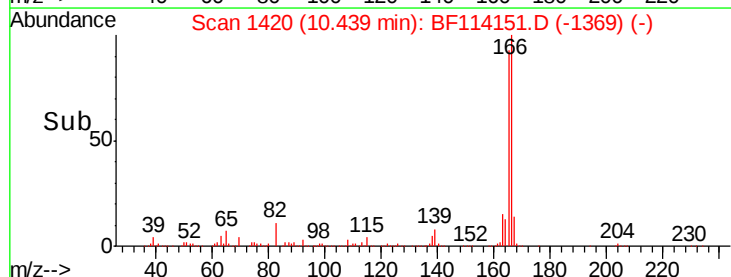
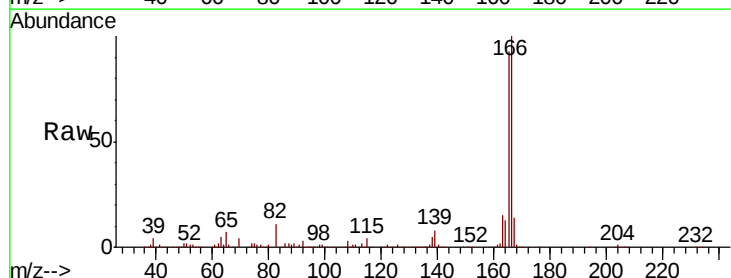
Manual Integrations
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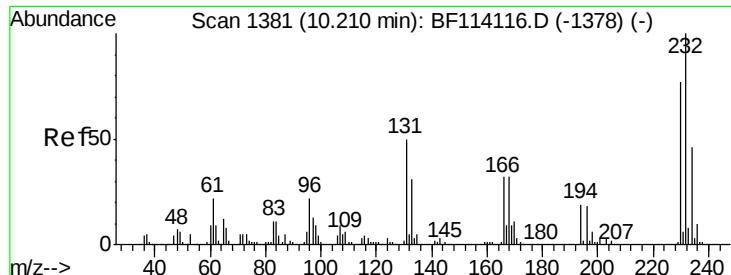
Sohil
5/13/2019 8:35:49 PM



#58
Fluorene
Concen: 41.651 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1605660		
165	93.4		76.1	114.1
167	13.8		11.1	16.7





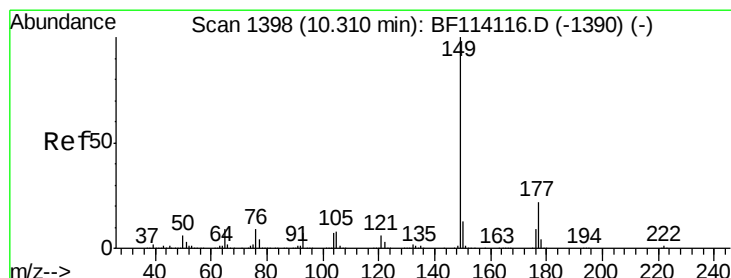
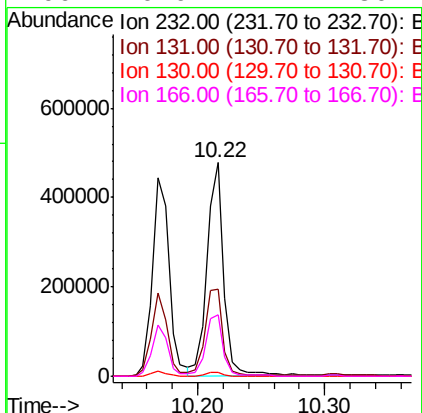
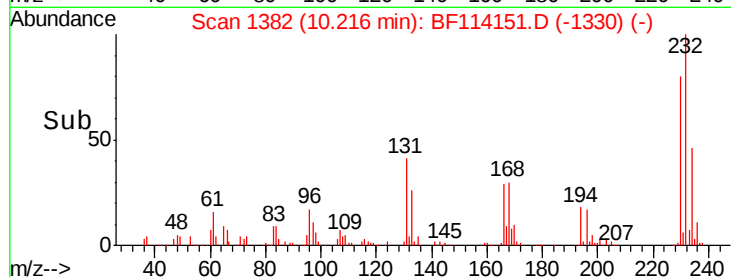
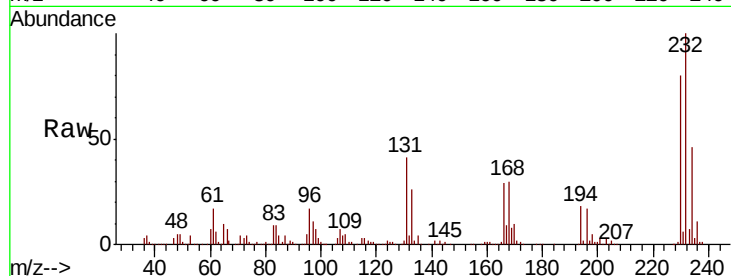
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.598 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	440533		
131	43.4		35.6	53.4
130	2.2		1.6	2.4
166	29.9		24.1	36.1

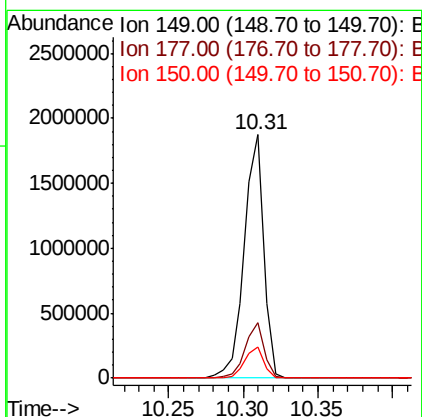
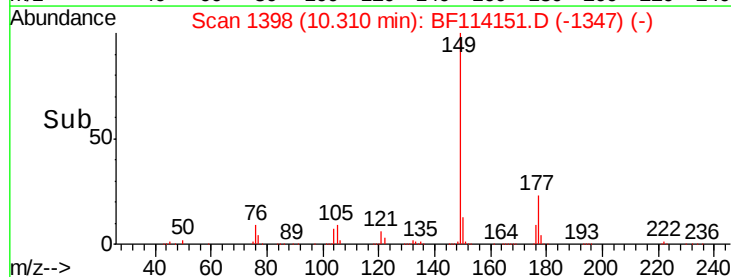
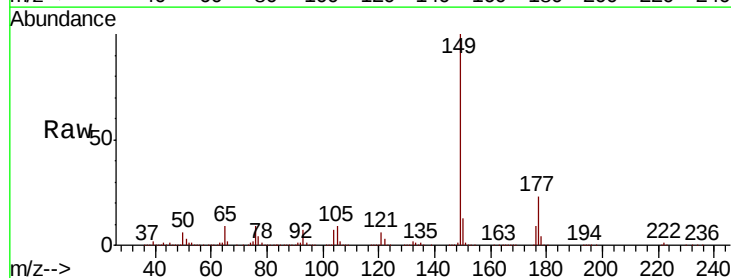
Manual Integrations
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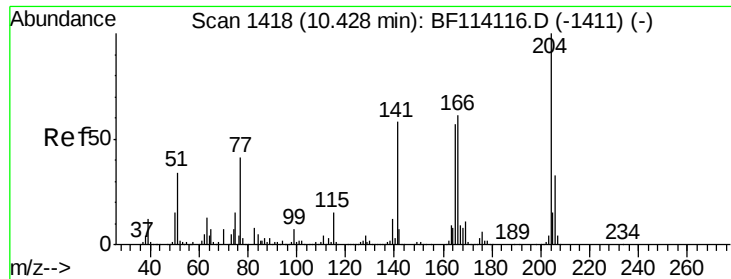
Sohil
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#60
 Diethylphthalate
 Concen: 40.570 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1697358		
177	22.7		17.8	26.6
150	12.9		10.2	15.2





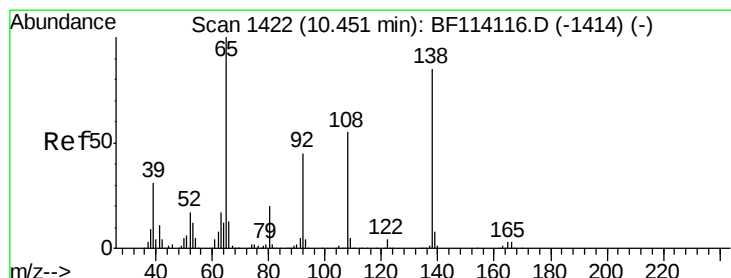
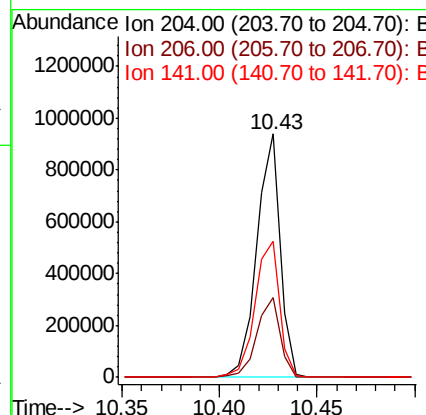
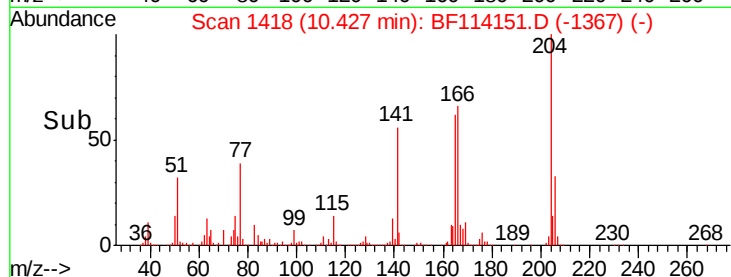
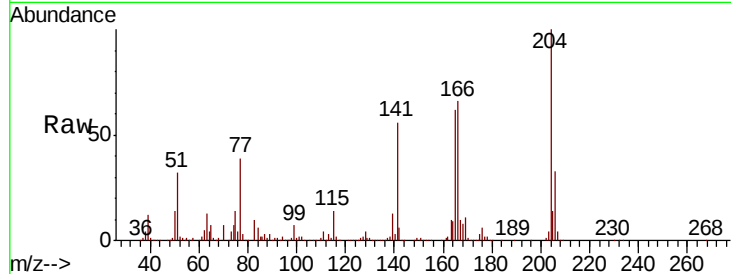
#61
 4-Chlorophenyl-phenylether
 Concen: 41.243 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion:	204	Resp:	780906
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.6	39.8
141	55.7	46.4	69.6

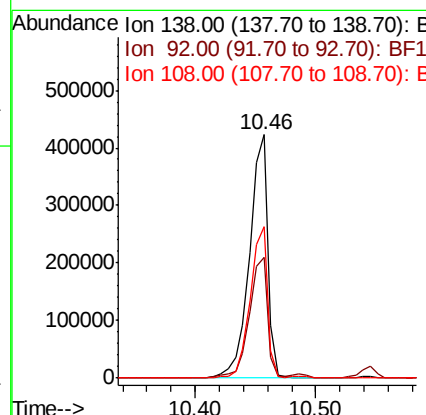
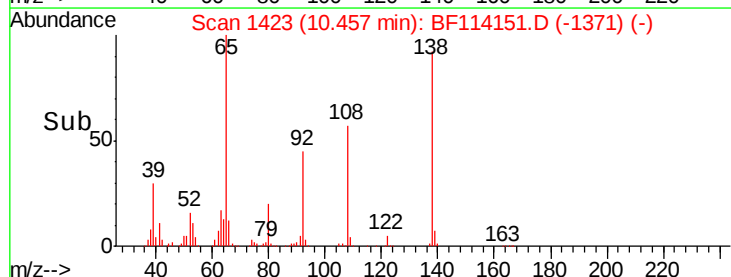
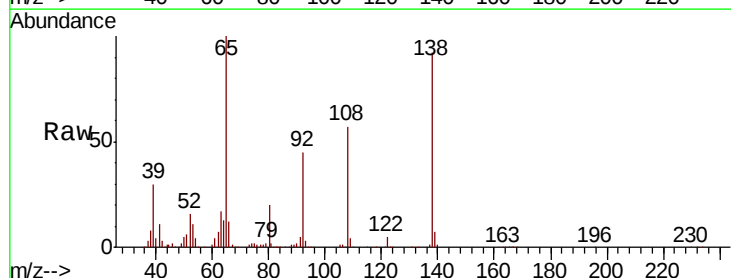
Manual Integrations
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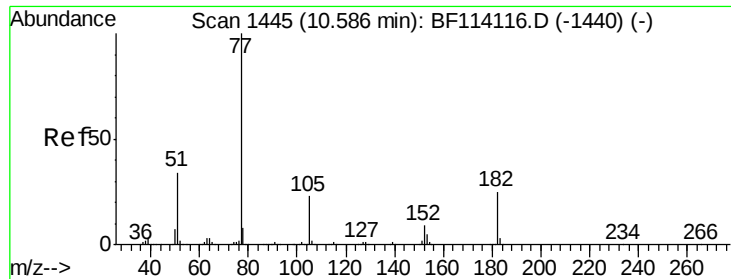
Sohil
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#62
 4-Nitroaniline
 Concen: 37.842 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion:	138	Resp:	450818
Ion Ratio	Lower	Upper	
138	100		
92	49.5	33.0	73.0
108	62.2	44.9	84.9





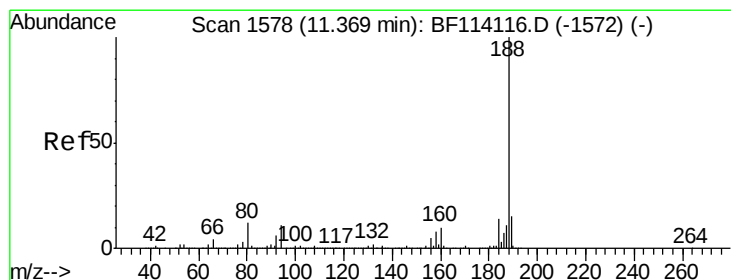
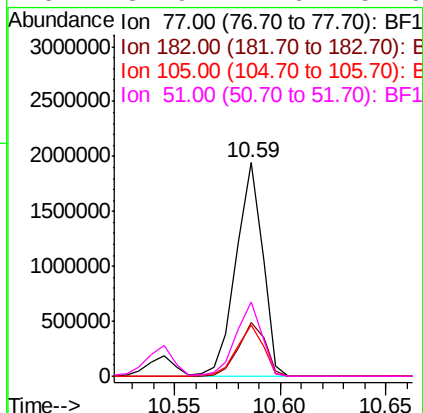
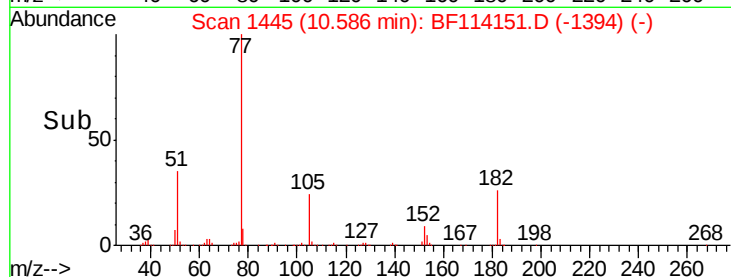
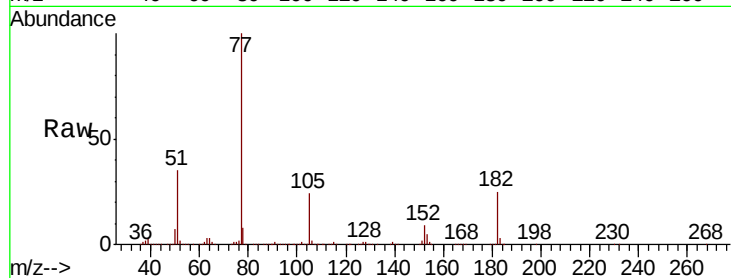
#63
Azobenzene
Concen: 42.060 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.5	4.7	44.7
105	23.7	2.9	42.9
51	34.9	14.6	54.6

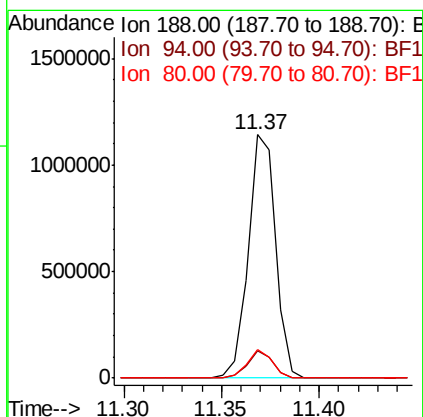
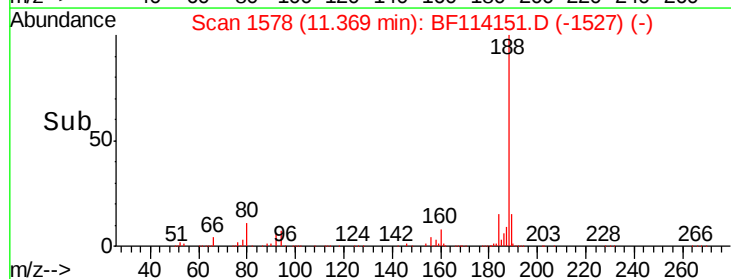
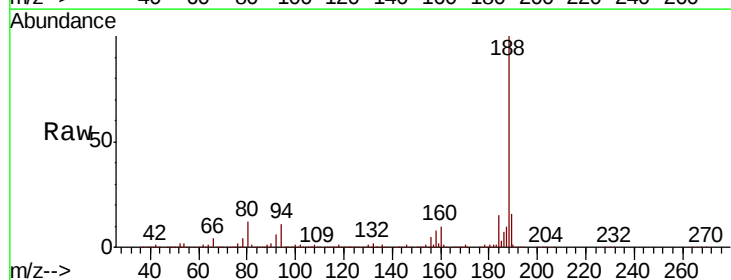
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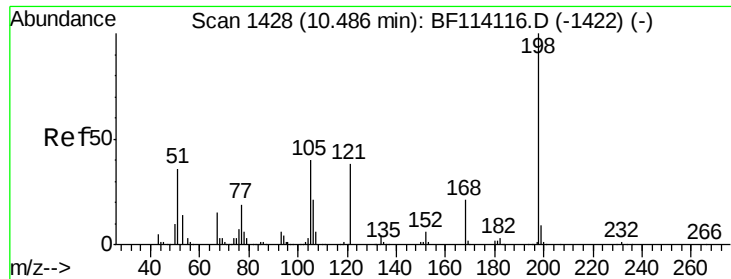
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.4	12.6
80	11.9	9.2	13.8





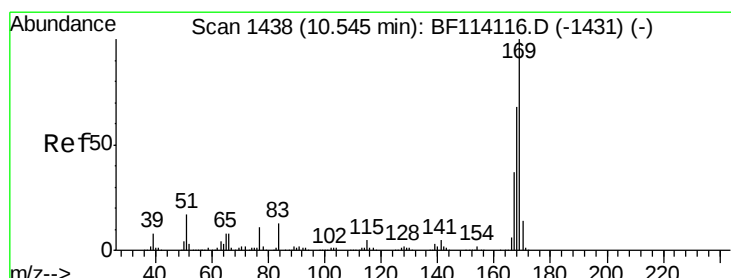
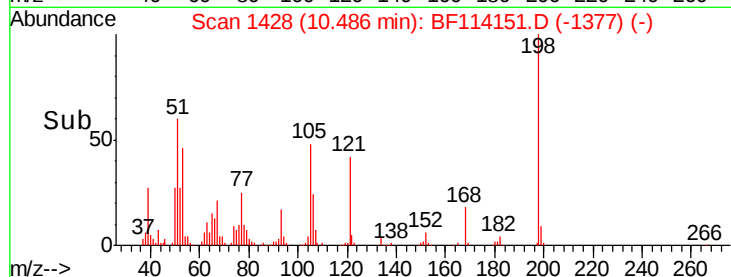
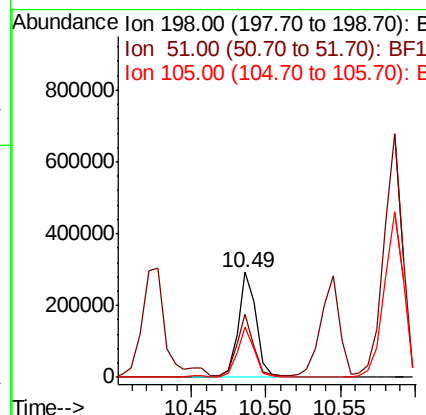
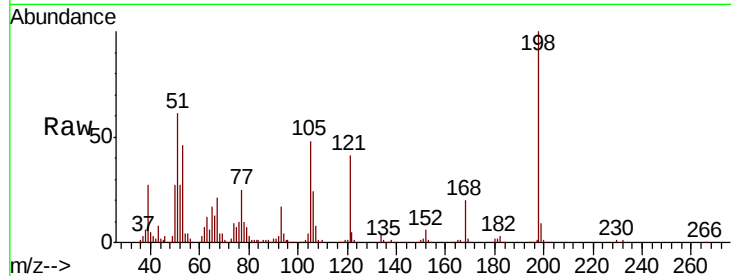
#65
4,6-Dinitro-2-methylphenol
Concen: 47.342 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	252145		
51	60.6	28.0	68.0	
105	48.1	21.1	61.1	

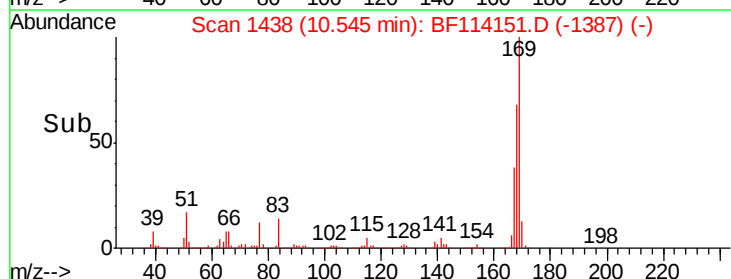
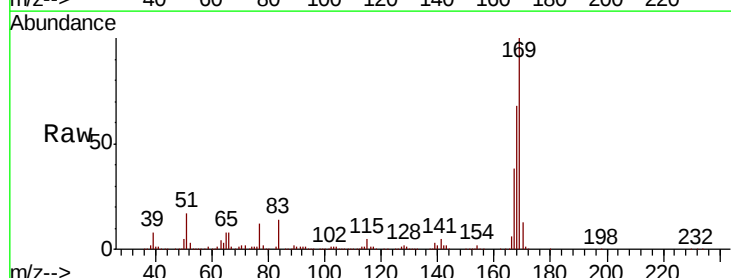
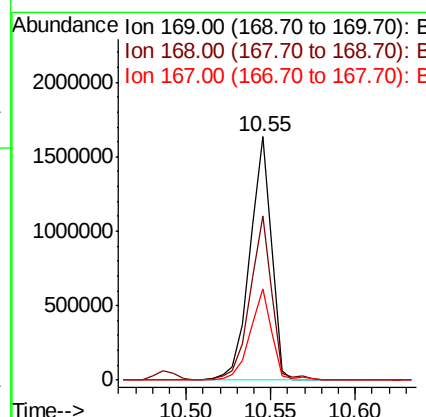
Manual Integrations
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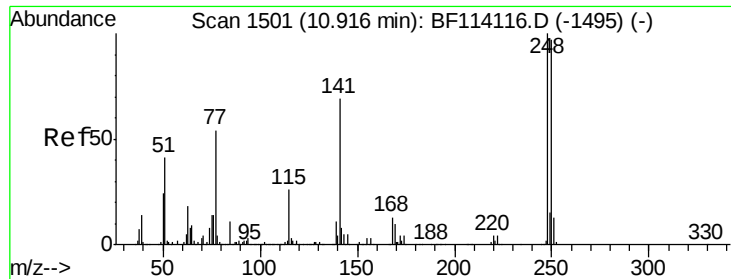
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#66
n-Nitrosodiphenylamine
Concen: 43.643 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1468161		
168	67.6	54.2	81.2	
167	37.5	29.8	44.8	





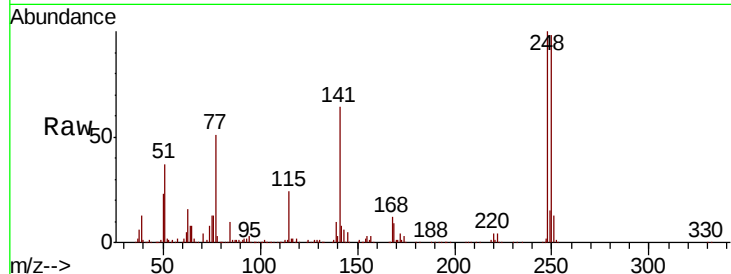
#67
4-Bromophenyl-phenylether
Concen: 41.179 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

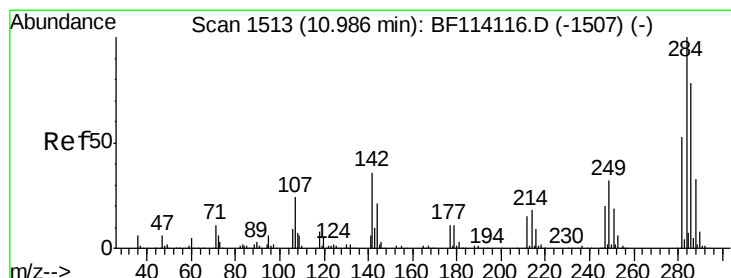
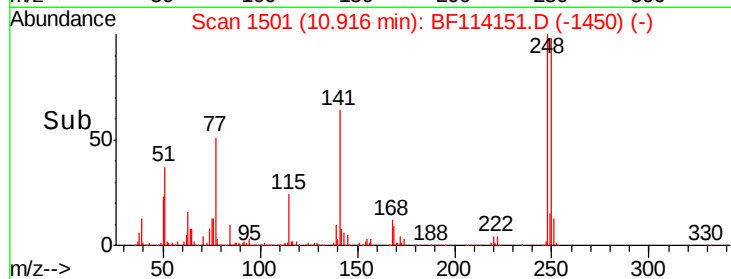
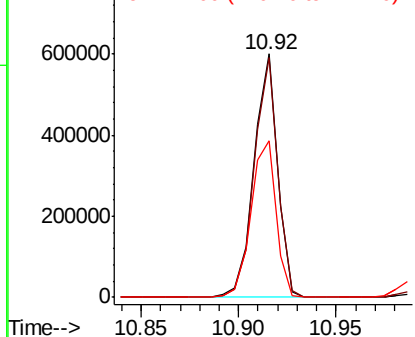
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	77.4	116.2
141	64.3	55.6	83.4

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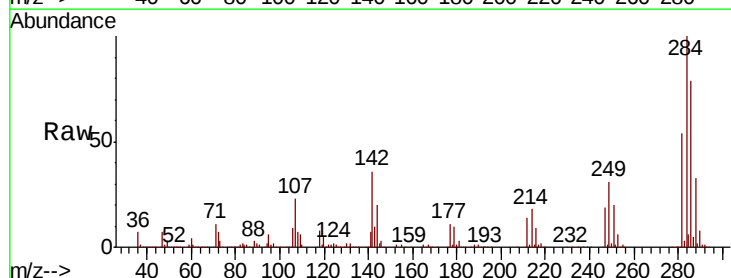


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

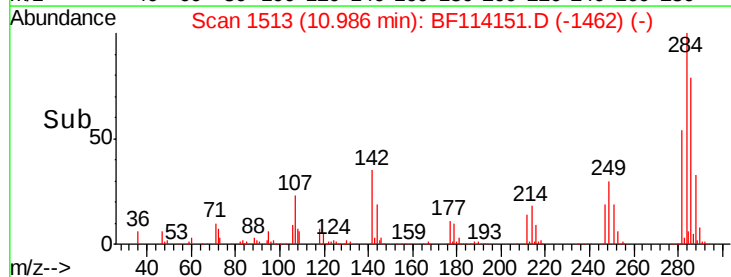
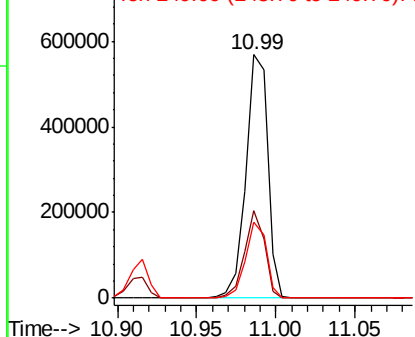


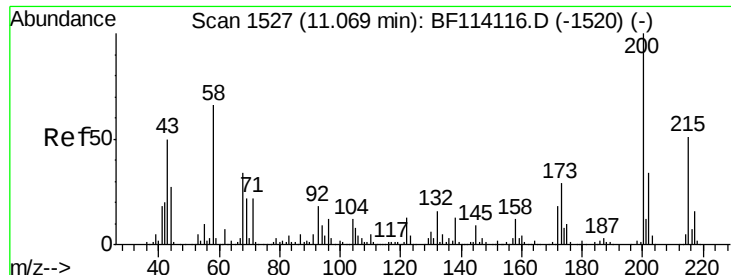
#68
Hexachlorobenzene
Concen: 40.174 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.1	28.4	42.6
249	31.0	25.2	37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





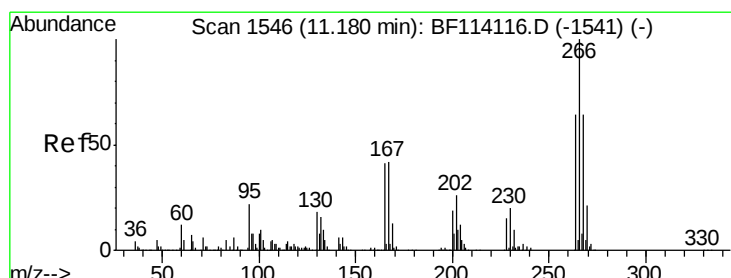
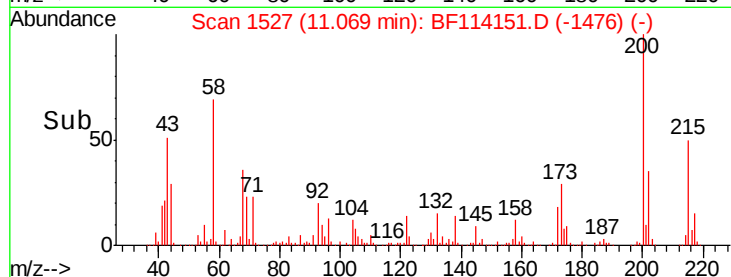
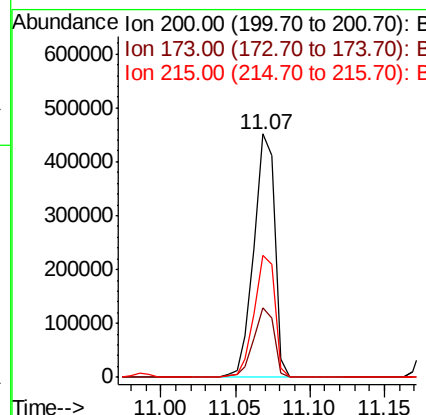
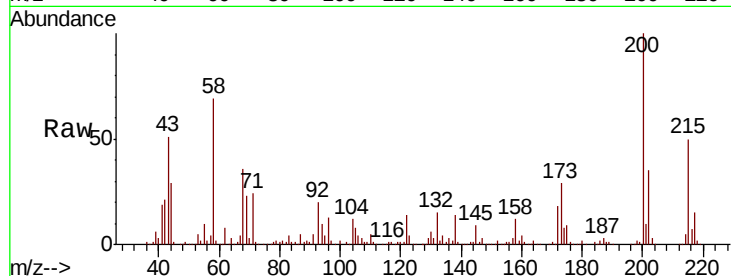
#69
 Atrazine
 Concen: 41.734 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	8.9	48.9
215	50.1	30.7	70.7

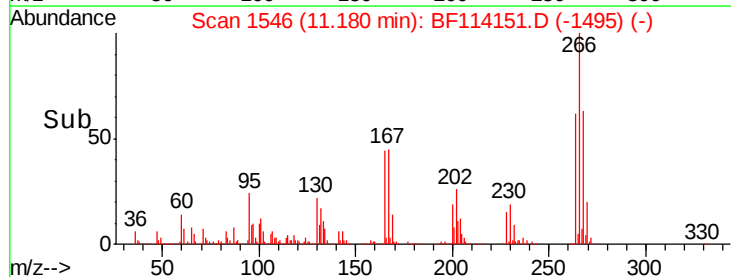
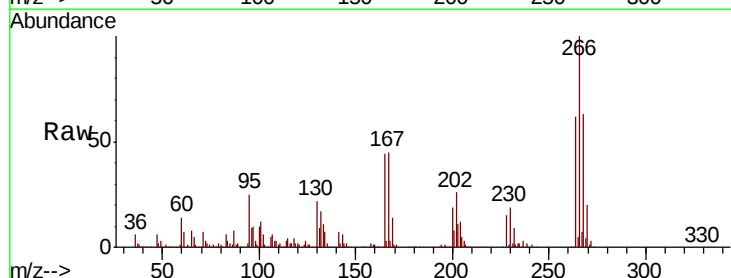
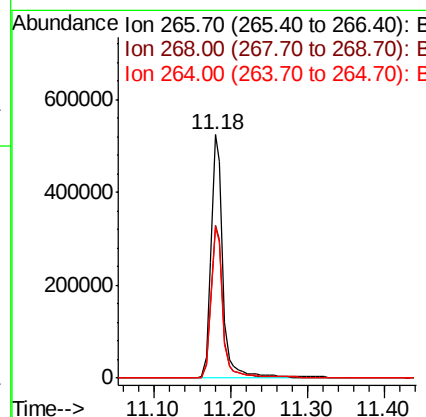
Manual Integrations
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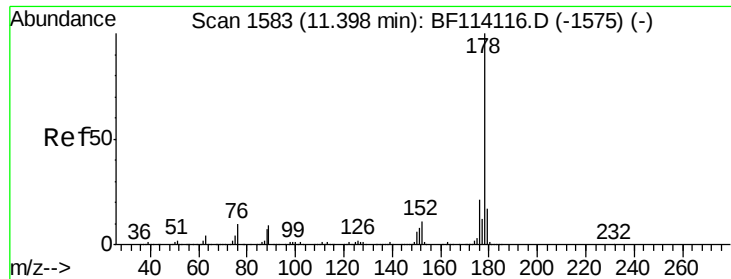
Sohil
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#70
 Pentachlorophenol
 Concen: 88.013 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.00 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.7	51.1	76.7
264	62.4	51.1	76.7





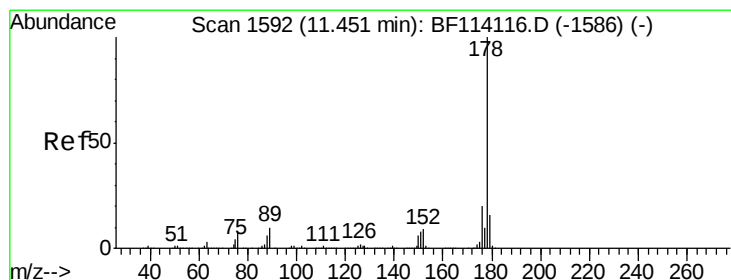
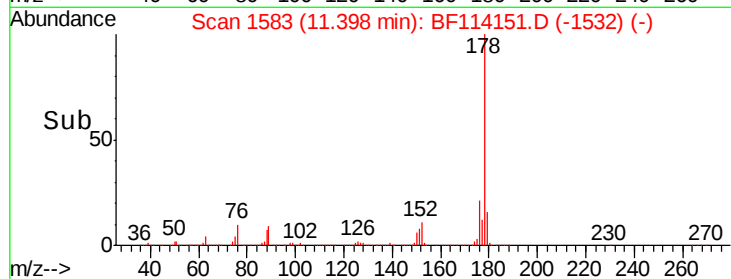
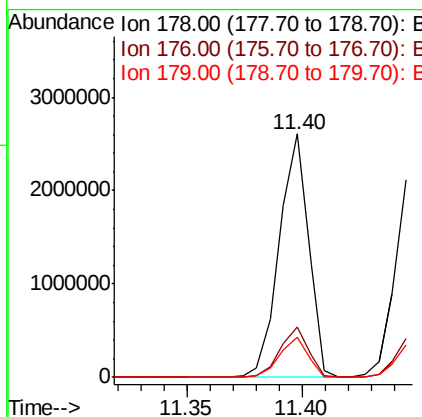
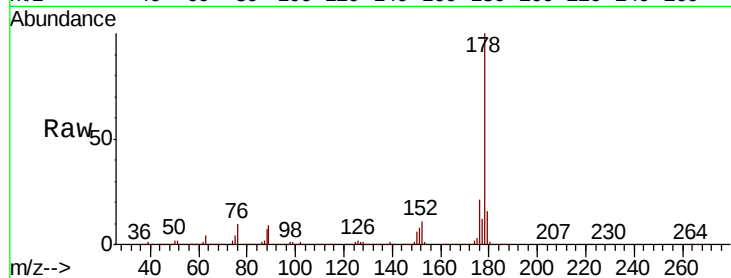
#71
Phenanthrene
Concen: 42.481 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.4	24.6
179	16.3	13.2	19.8

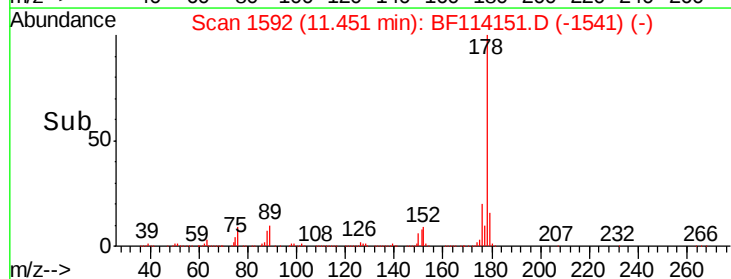
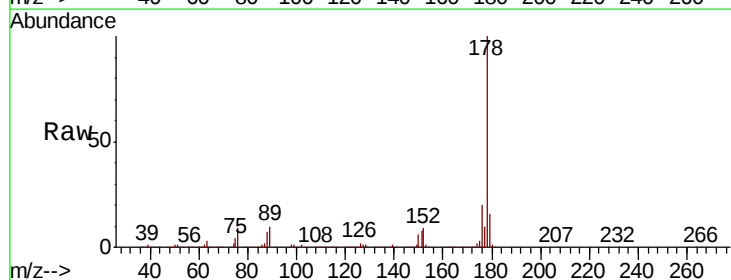
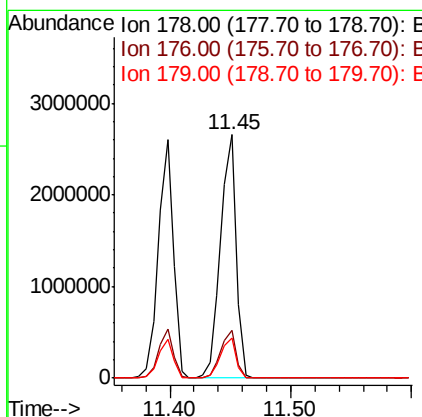
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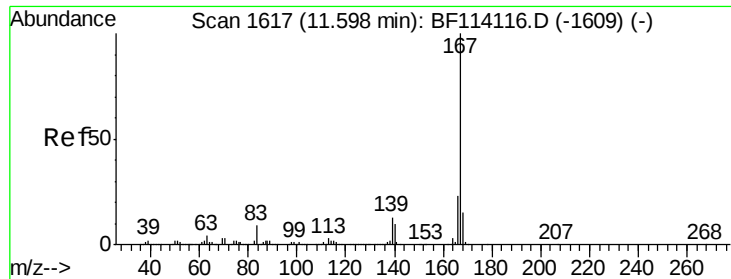
Sohil
5/13/2019 8:35:49 PM



#72
Anthracene
Concen: 43.894 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	16.2	13.0	19.4





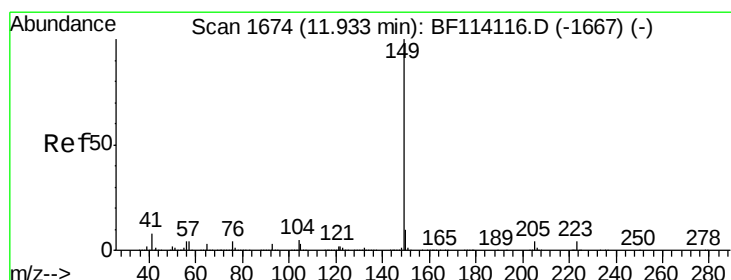
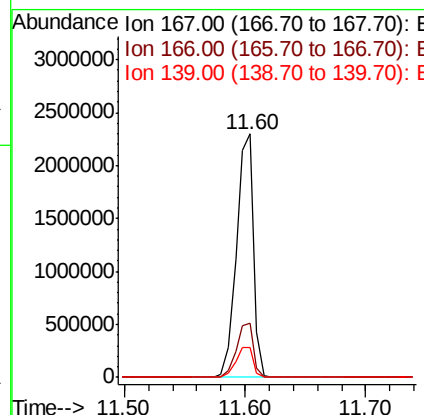
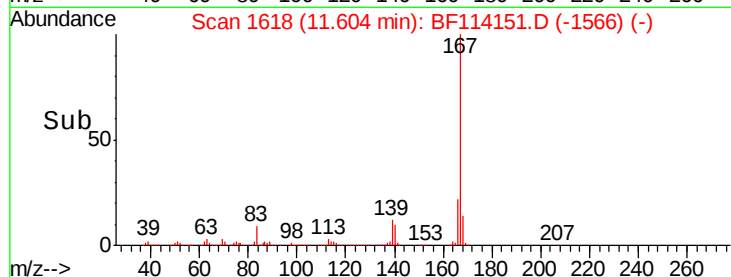
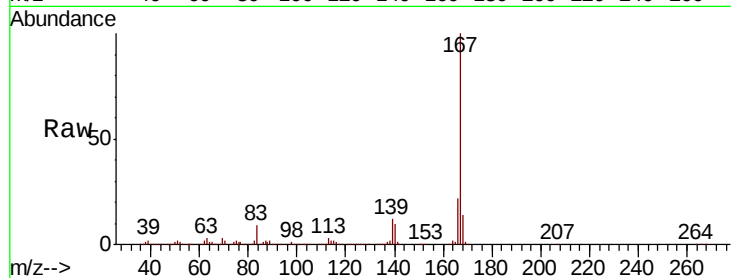
#73
 Carbazole
 Concen: 43.463 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	12.4	10.6	16.0

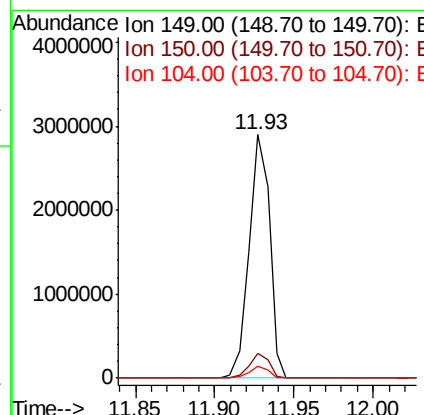
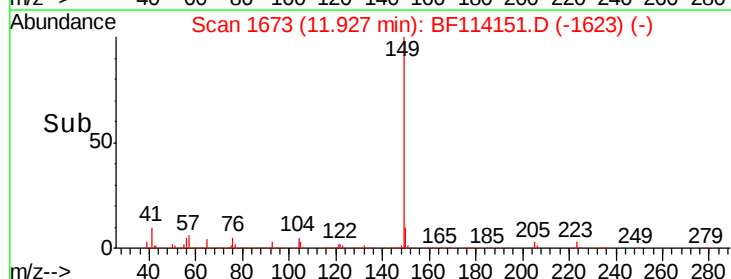
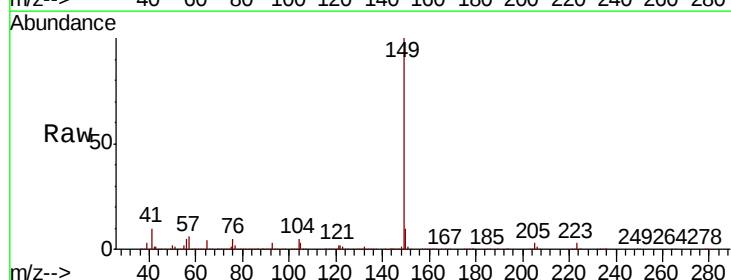
Manual Integrations
 APPROVED

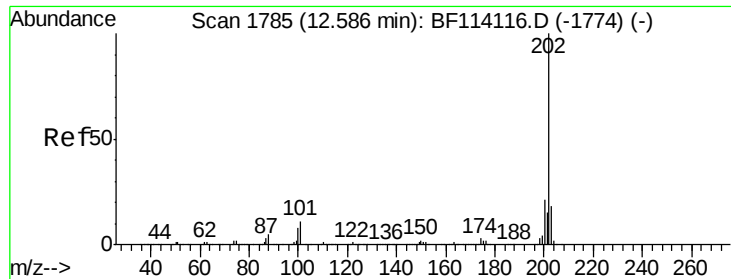
Sohil
 5/13/2019 8:35:49 PM



#74
 Di-n-butylphthalate
 Concen: 43.673 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.7	11.5
104	4.9	3.6	5.4





#75

Fluoranthene

Concen: 42.933 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

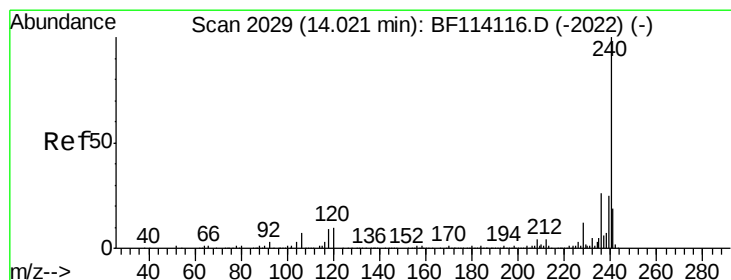
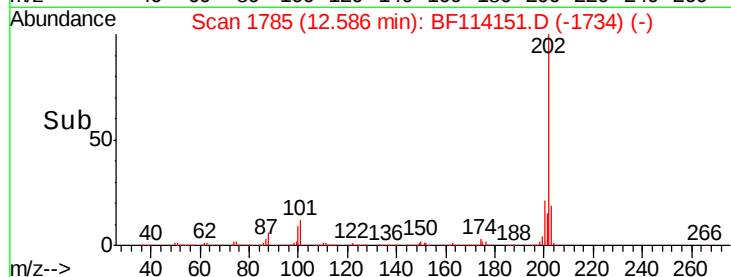
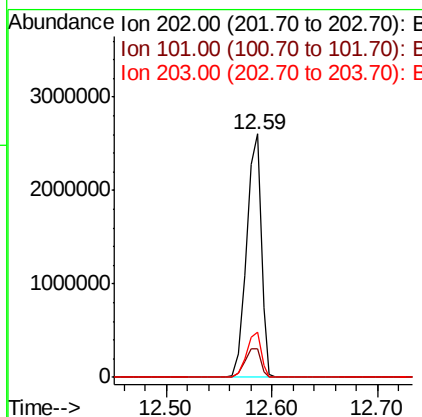
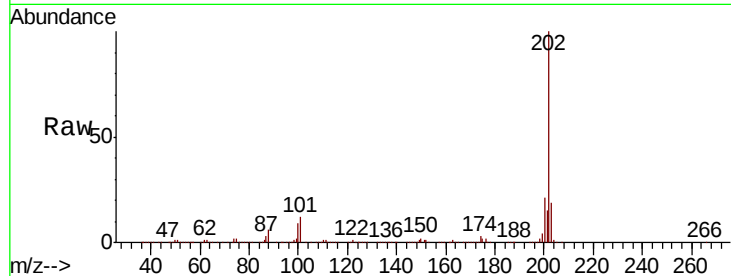
ClientSampleId :

PB119622BSD

Tot Ion:	202	Resp:	2493103
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.0
203	18.6	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

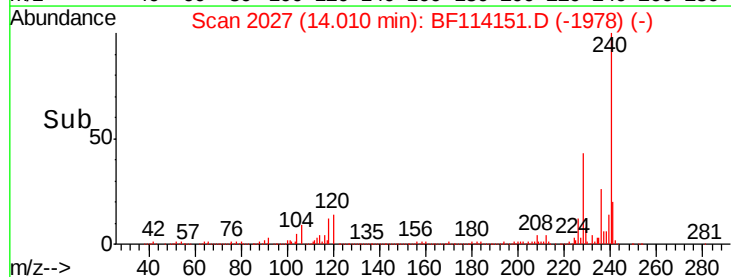
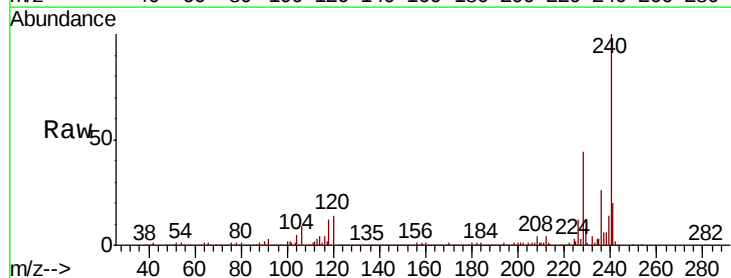
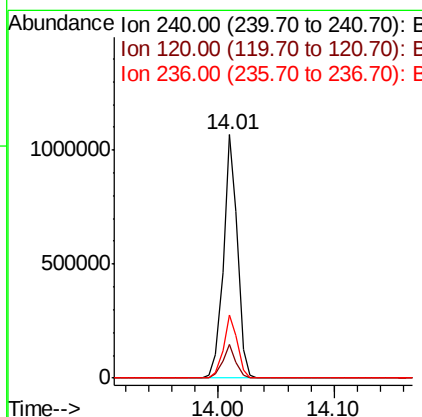
RT: 14.01 min Scan# 2027

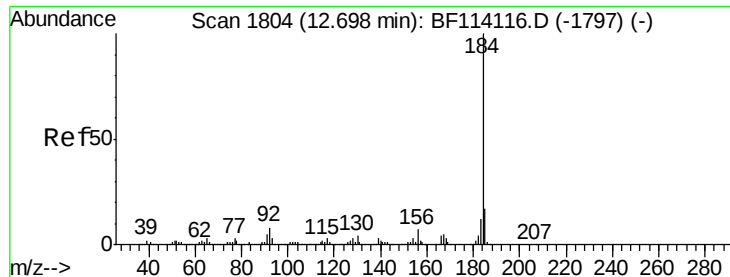
Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Tgt Ion:	240	Resp:	891453
Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	25.9	20.8	31.2





#77

Benzidine

Concen: 36.614 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

Tot Ion:184 Resp: 1465160

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

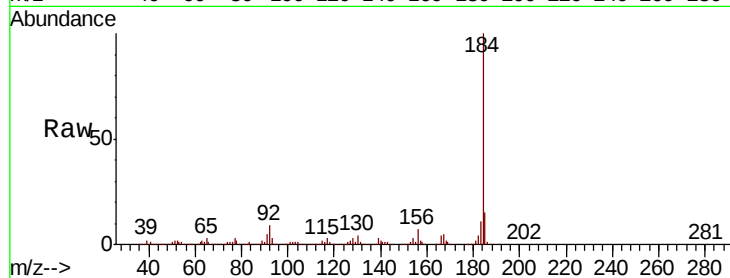
183 11.4 9.2 13.8

Manual Integrations

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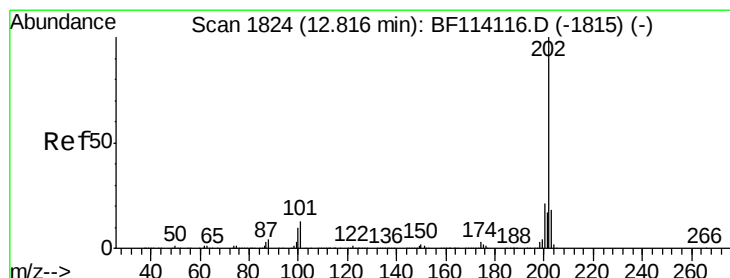
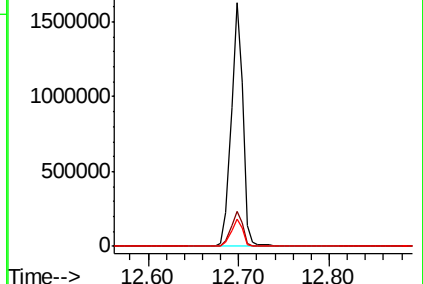
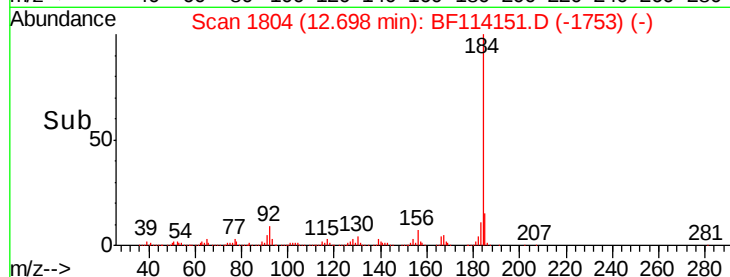
5/13/2019 8:35:49 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.216 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

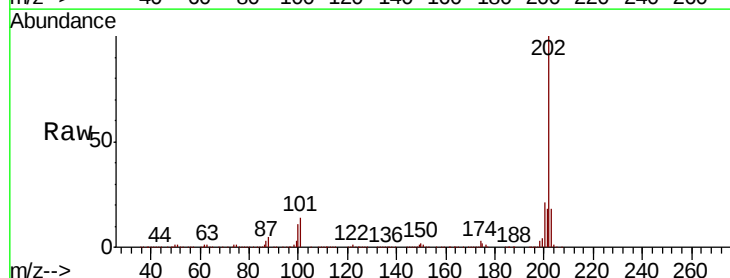
Tgt Ion:202 Resp: 2525421

Ion Ratio Lower Upper

202 100

200 21.4 16.9 25.3

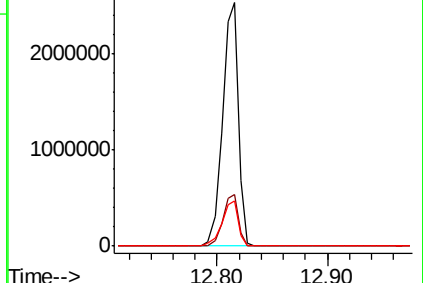
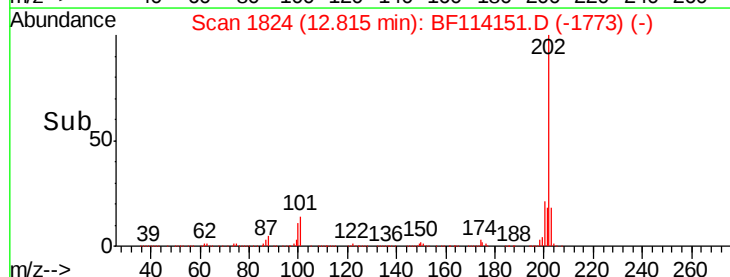
203 18.4 14.5 21.7

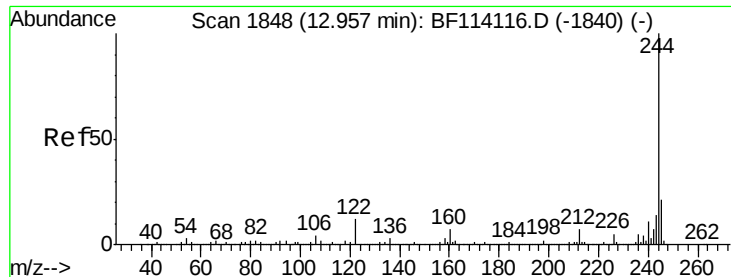


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





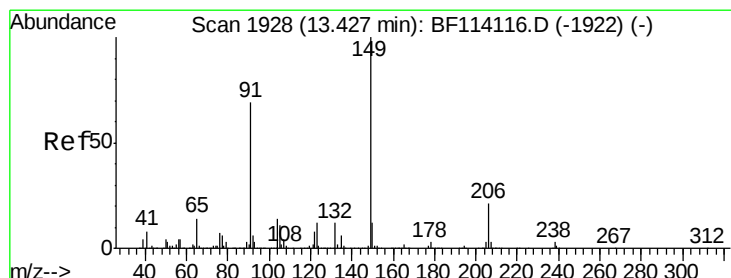
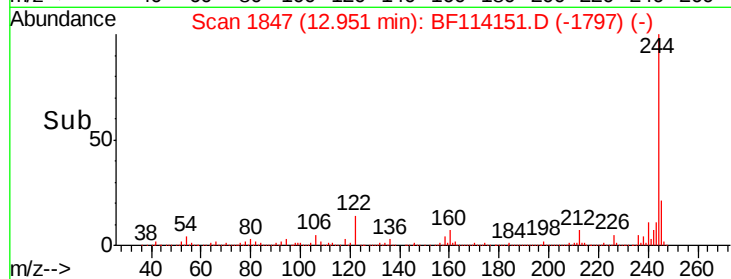
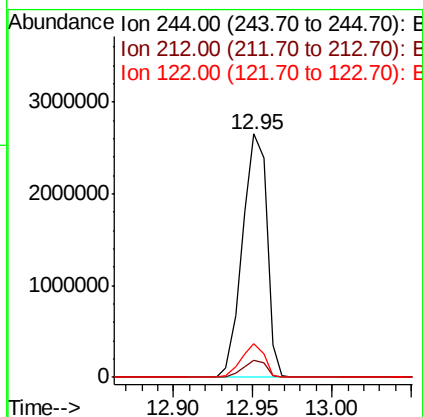
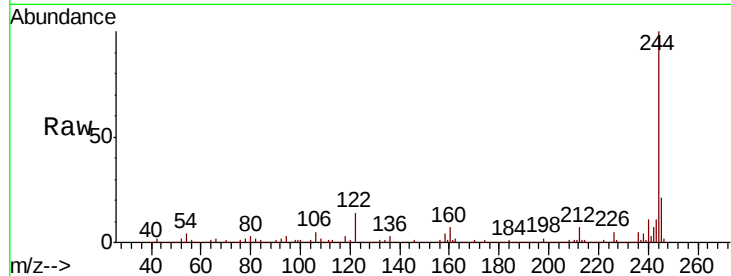
#79
 Terphenyl-d14
 Concen: 65.540 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	14.1	9.4	14.2

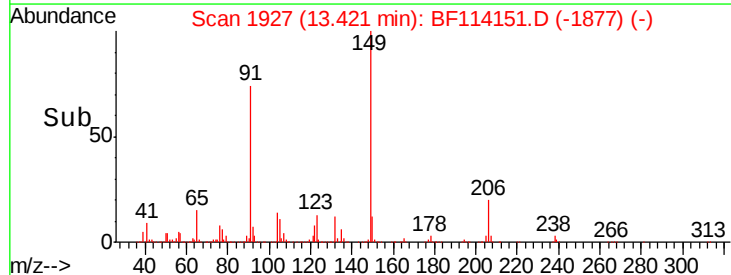
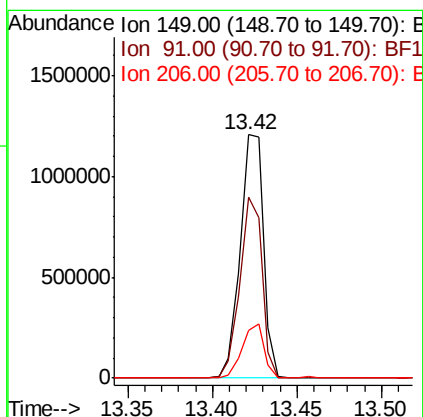
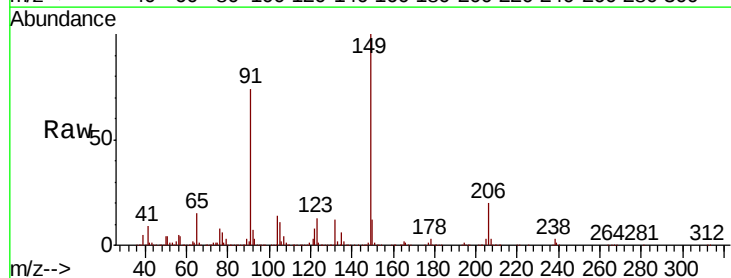
Manual Integrations
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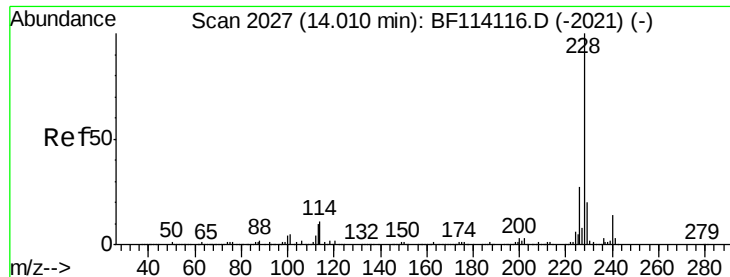
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#80
 Butylbenzylphthalate
 Concen: 38.482 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.4	55.0	82.4
206	19.6	16.9	25.3





#81

Benzo(a)anthracene

Concen: 36.658 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

Instrument :

BNA_F

ClientSampleId :

PB119622BSD

Tot Ion:228 Resp: 2113676

Ion Ratio Lower Upper

228 100

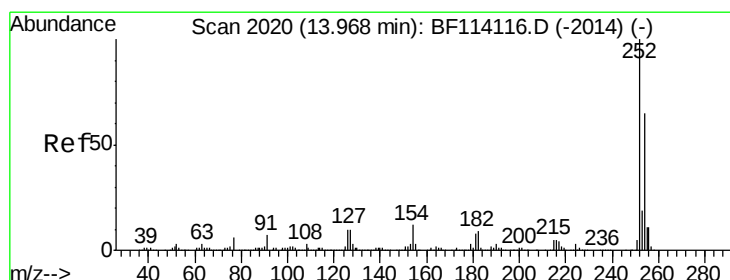
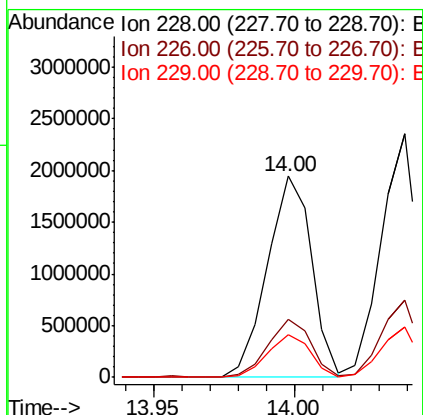
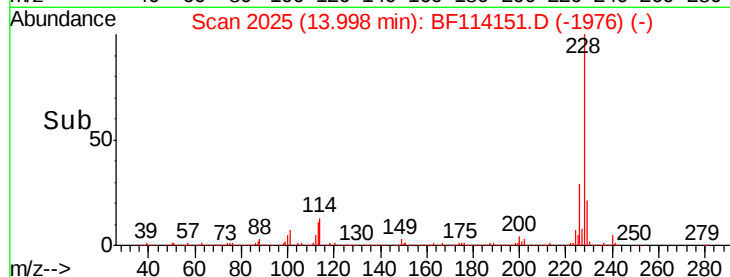
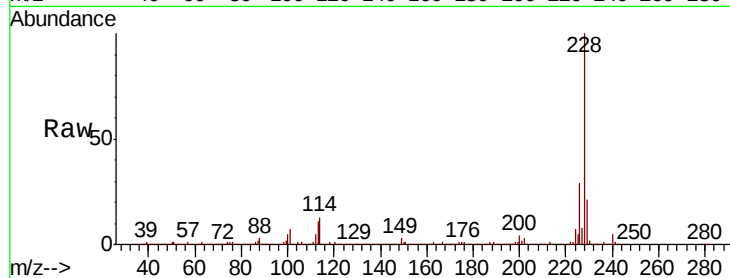
226 28.7 22.2 33.2

229 21.3 16.4 24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 26.070 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF114151.D

Acq: 11 May 2019 12:30

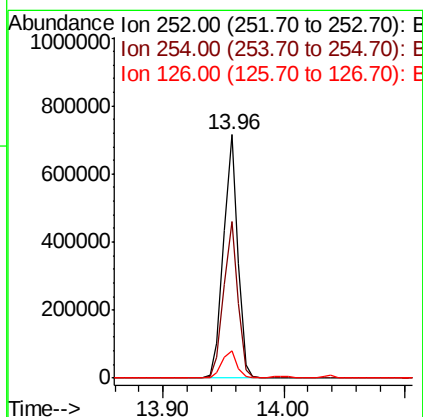
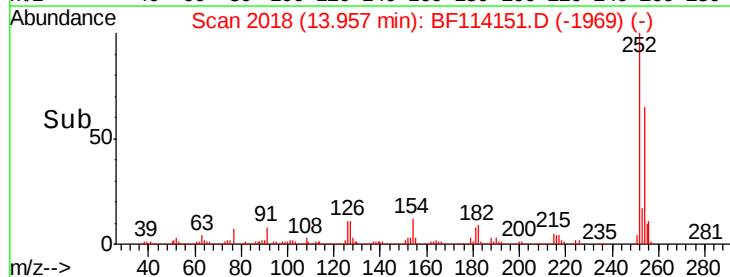
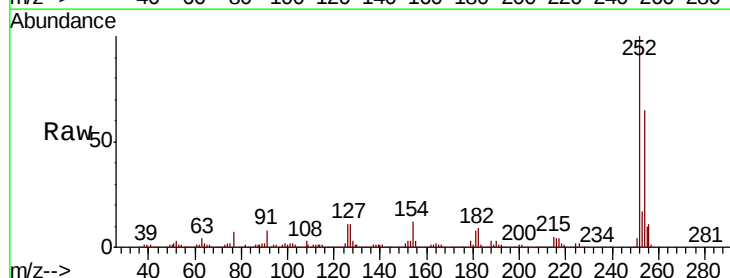
Tgt Ion:252 Resp: 583115

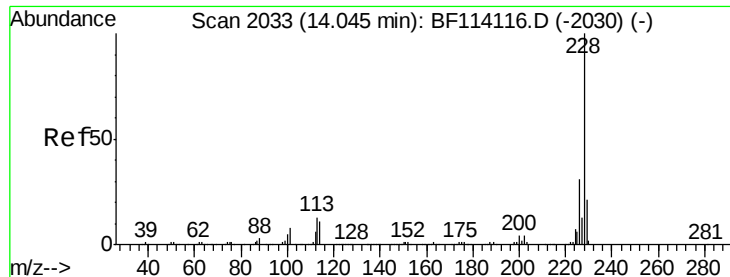
Ion Ratio Lower Upper

252 100

254 64.5 51.9 77.9

126 11.1 7.9 11.9





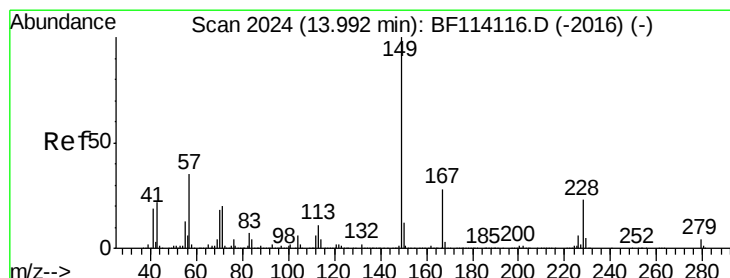
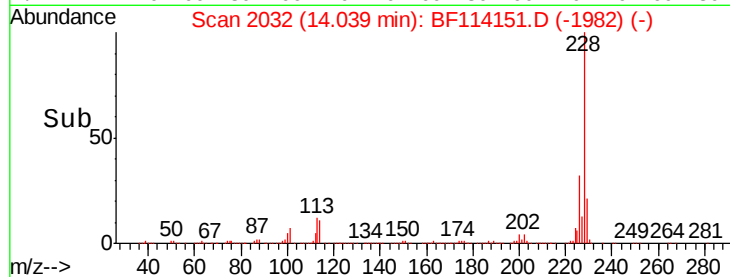
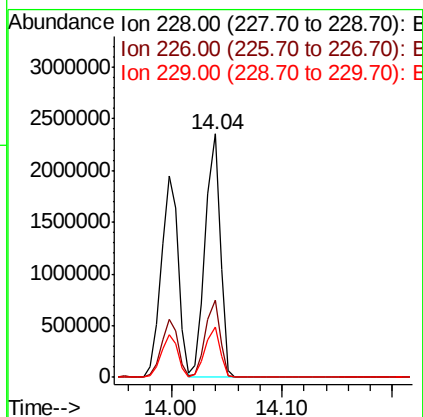
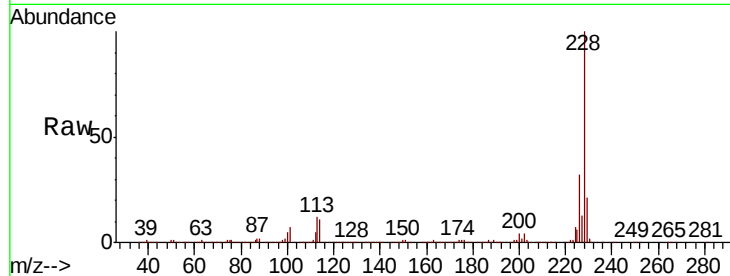
#83
 Chrysene
 Concen: 37.950 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.0	37.6
229	20.6	17.0	25.6

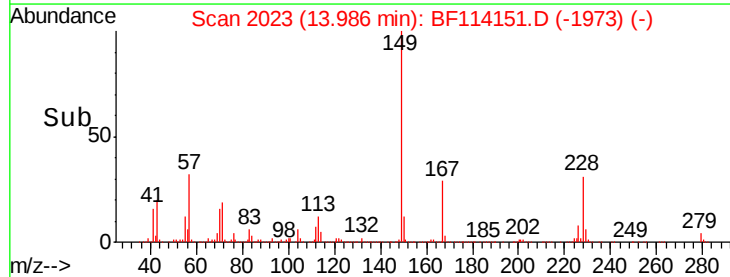
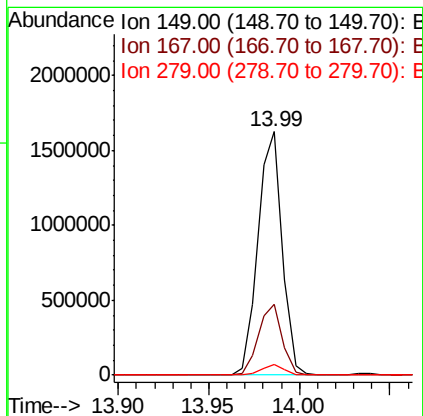
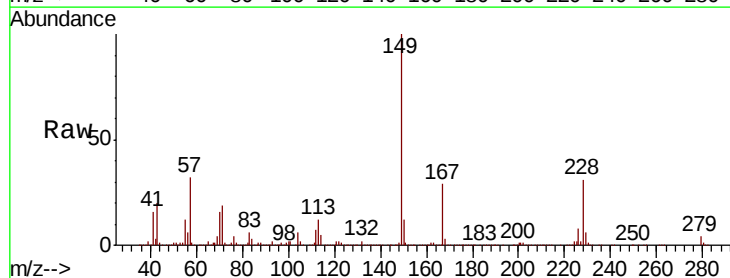
Manual Integrations
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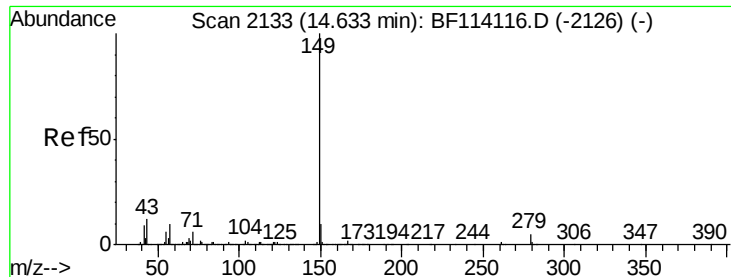
Sohil
 5/13/2019 8:35:49 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.173 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114151.D
 Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.6	33.8
279	4.3	3.0	4.6





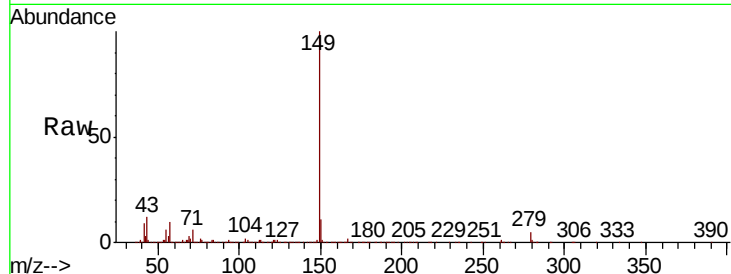
#85
Di-n-octyl phthalate
Concen: 40.351 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.5	10.1	15.1

Manual Integrations
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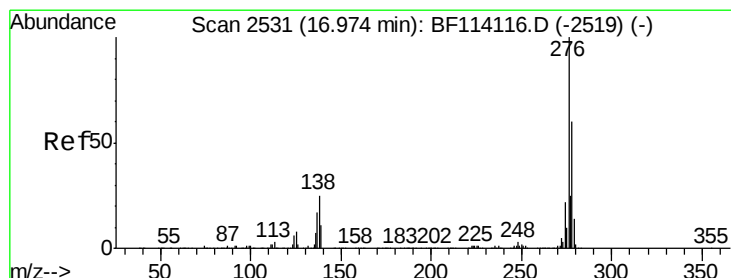
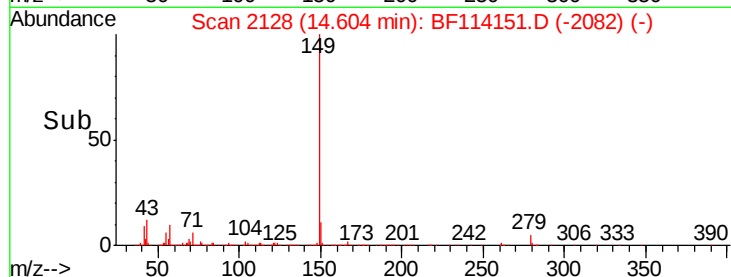
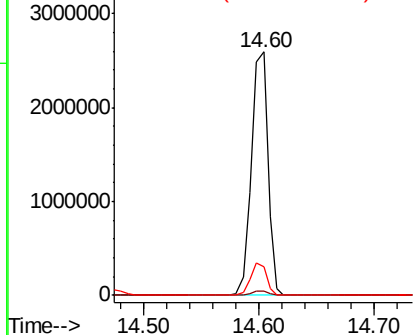


Abundance

Ion 149.00 (148.70 to 149.70): E

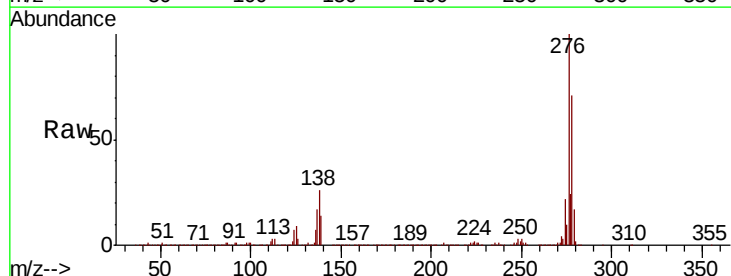
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.429 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.2	30.2
277	24.9	20.0	30.0

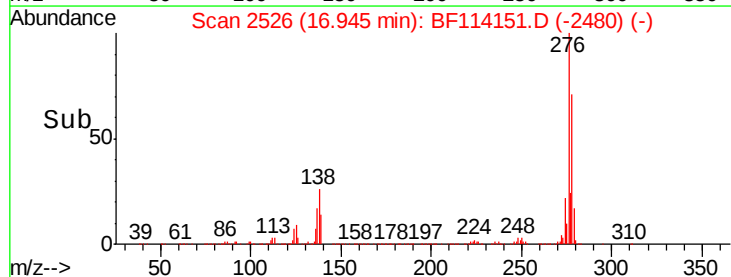
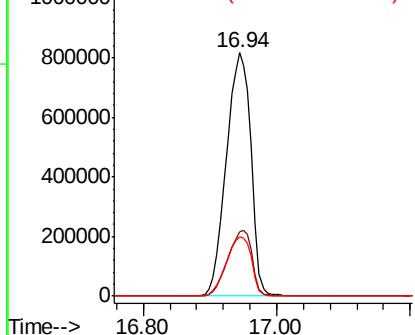


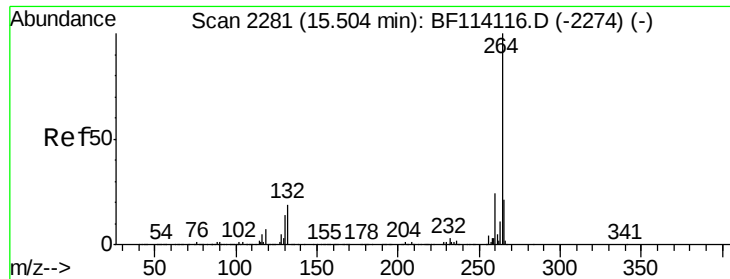
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





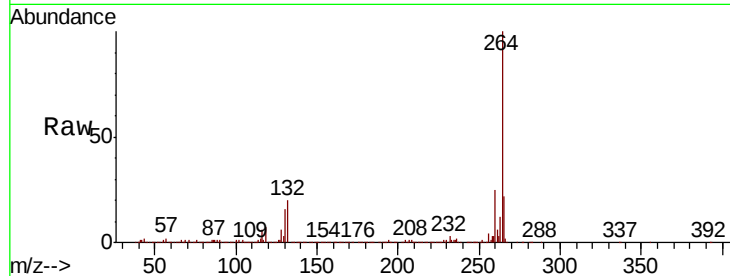
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	25.1	19.4	29.0	
265	22.2	16.9	25.3	

Manual Integrations
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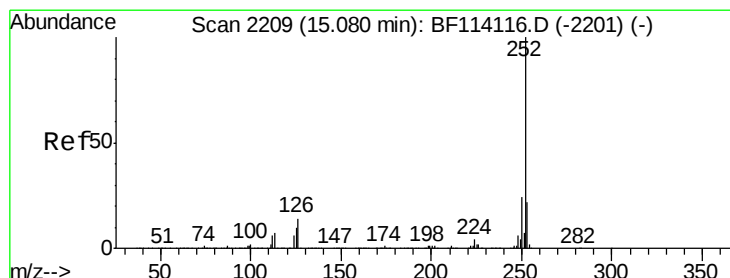
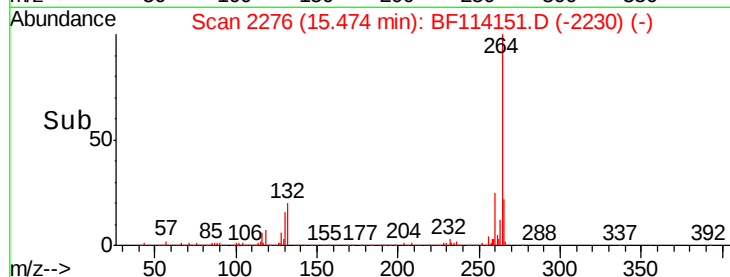
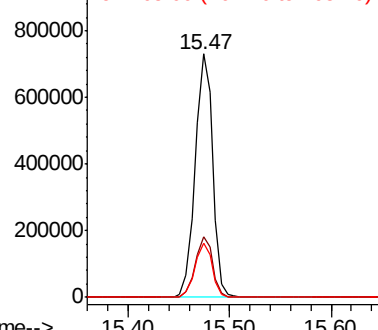


Abundance

Ion 264.00 (263.70 to 264.70): E

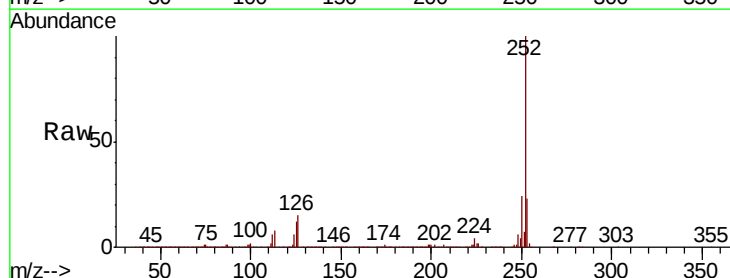
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 43.089 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	23.0	17.8	26.8	
125	11.7	8.3	12.5	

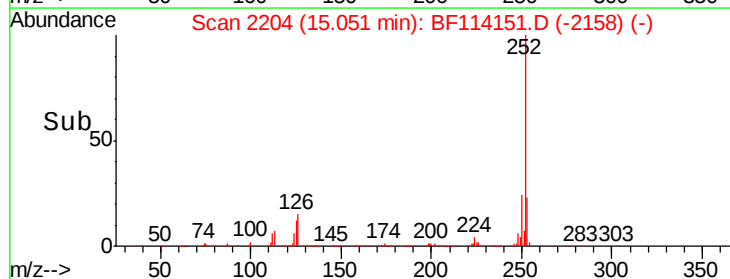
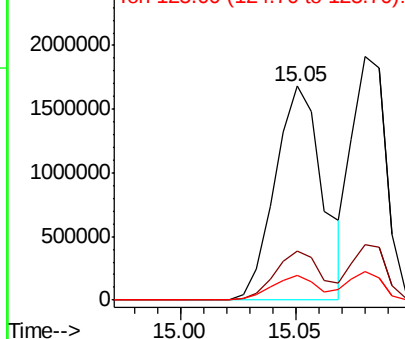


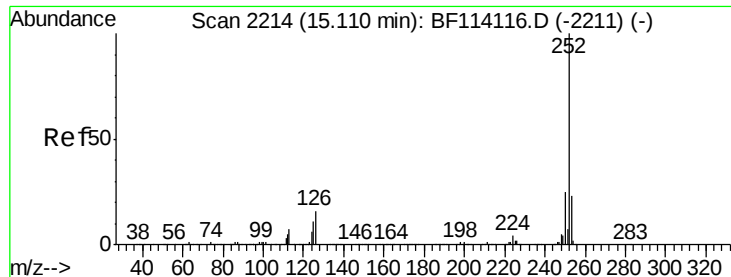
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





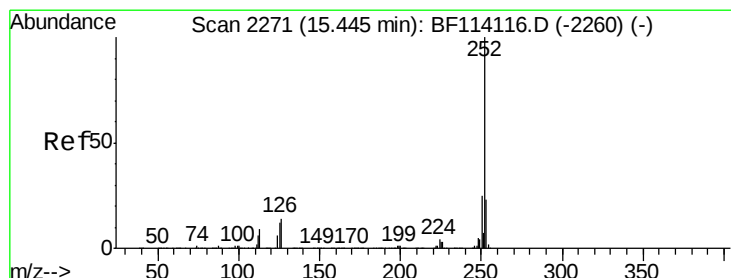
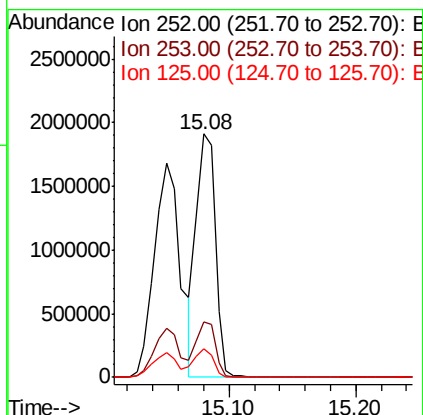
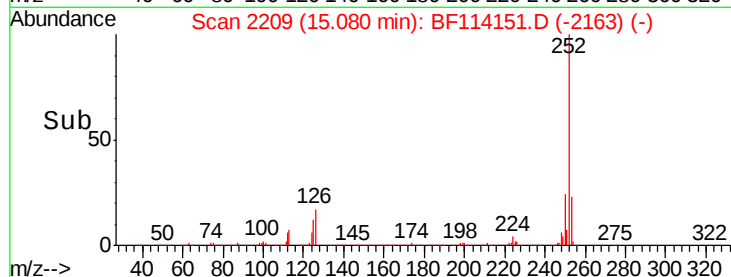
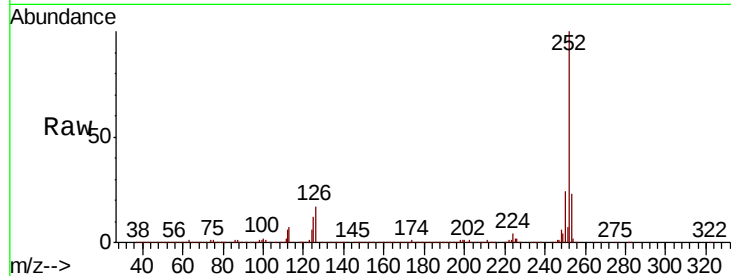
#89
Benzo(k)fluoranthene
Concen: 38.447 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.0	8.6	13.0

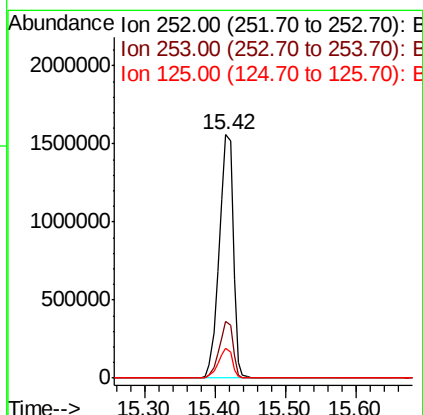
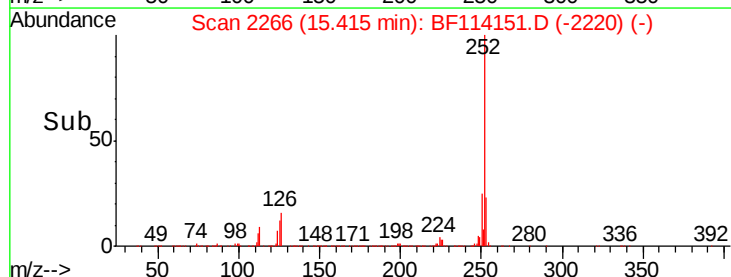
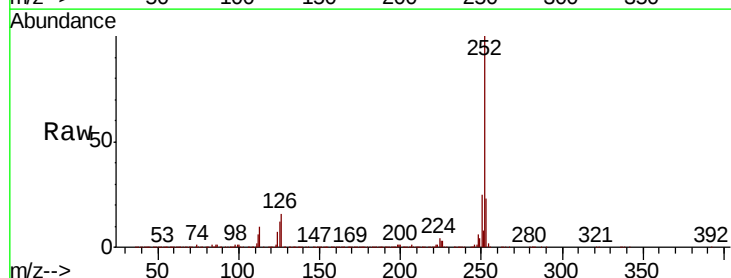
Manual Integrations
APPROVED

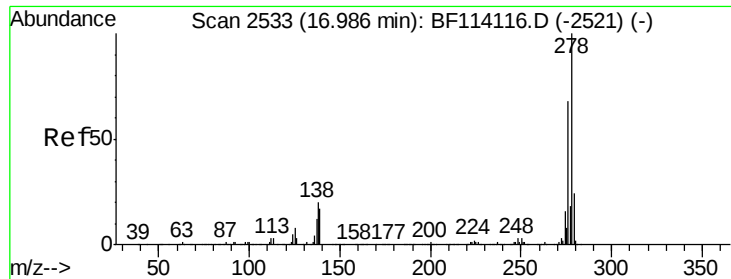
Sohil
5/13/2019 8:35:49 PM



#90
Benzo(a)pyrene
Concen: 43.535 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	12.4	9.5	14.3





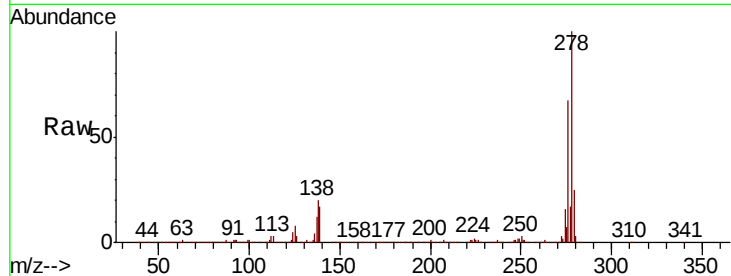
#91
Dibenzo(a,h)anthracene
Concen: 42.413 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Instrument :
BNA_F
ClientSampleId :
PB119622BSD

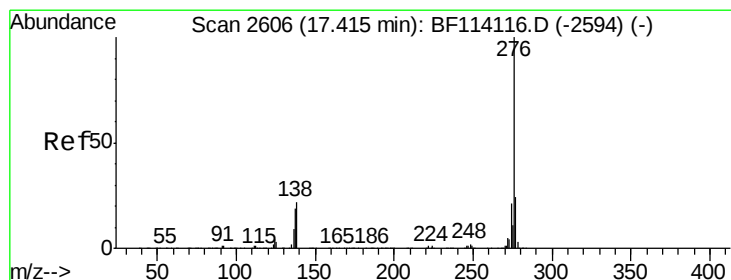
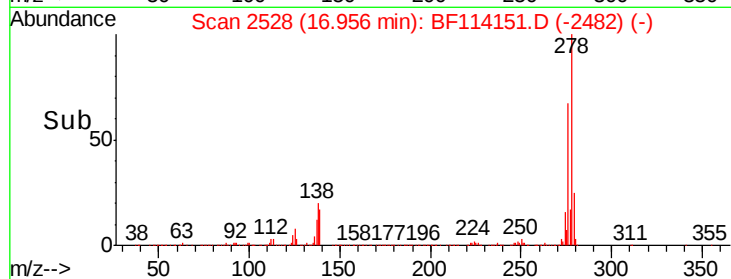
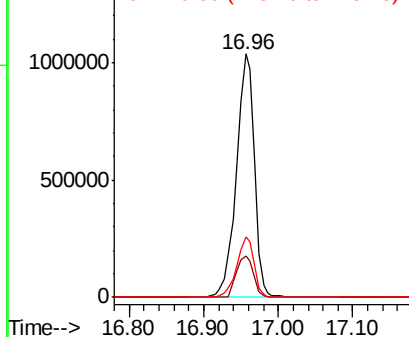
Tot Ion:278 Resp: 1737138
Ion Ratio Lower Upper
278 100
139 17.2 13.5 20.3
279 24.8 19.0 28.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:35:49 PM

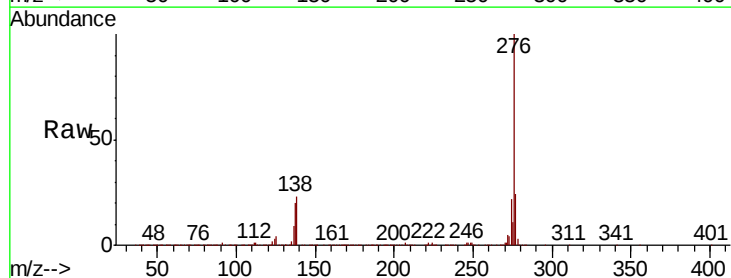


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 42.324 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.03 min
Lab File: BF114151.D
Acq: 11 May 2019 12:30

Tgt Ion:276 Resp: 1737212
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 23.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

