

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114150.D
 Acq On : 11 May 2019 12:04
 Operator : JU/SJ
 Sample : PB119622BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BS

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:35:46 PM

Quant Time: May 13 07:30:08 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	312739	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1188454	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	601886	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1205076	20.00	ng	0.00
76) Chrysene-d12	14.01	240	958979	20.00	ng	-0.01
87) Perylene-d12	15.47	264	946479	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2090564	107.57	ng	0.01
7) Phenol-d6	6.49	99	2725932	118.60	ng	0.00
23) Nitrobenzene-d5	7.42	82	1538572	72.65	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	746655	119.99	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2723989	68.46	ng	0.00
79) Terphenyl-d14	12.95	244	2965175	63.74	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.73	88	379076	35.488	ng	99
3) Pyridine	3.48	79	979182	33.271	ng	97
4) n-Nitrosodimethylamine	3.42	42	486161	34.255	ng	98
6) Aniline	6.52	93	927888	27.947	ng	99
8) 2-Chlorophenol	6.65	128	846750	40.814	ng	93
9) Benzaldehyde	6.40	77	126678	7.873	ng	97
10) Phenol	6.50	94	1028611	38.042	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	843585	41.096	ng	99
12) 1,3-Dichlorobenzene	6.79	146	890251	38.228	ng	98
13) 1,4-Dichlorobenzene	6.87	146	904804	38.556	ng	99
14) 1,2-Dichlorobenzene	7.02	146	849404	39.619	ng	99
15) Benzyl Alcohol	6.99	79	740059	41.282	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1582990	39.772	ng	99
17) 2-Methylphenol	7.11	107	689621	40.465	ng	99
18) Hexachloroethane	7.36	117	342654	38.900	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	583877	40.077	ng	98
20) 3+4-Methylphenols	7.26	107	810938	41.184	ng	# 87
22) Acetophenone	7.26	105	1102002	41.856	ng	99
24) Nitrobenzene	7.43	77	902882	41.860	ng	95
25) Isophorone	7.67	82	1660286	42.274	ng	99
26) 2-Nitrophenol	7.75	139	474241	45.319	ng	95
27) 2,4-Dimethylphenol	7.79	122	779866	47.451	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1058124	41.523	ng	99
29) 2,4-Dichlorophenol	7.99	162	699441	42.738	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	756596	40.656	ng	99
31) Naphthalene	8.16	128	2387377	43.005	ng	99
32) Benzoic acid	7.92	122	537610	46.186	ng	99
33) 4-Chloroaniline	8.20	127	644219	25.466	ng	99
34) Hexachlorobutadiene	8.27	225	426805	40.307	ng	99
35) Caprolactam	8.57	113	241896m	45.329	ng	
36) 4-Chloro-3-methylphenol	8.69	107	750135	45.536	ng	97
37) 2-Methylnaphthalene	8.85	142	1617653	45.164	ng	99
38) 1-Methylnaphthalene	8.95	142	1519077	45.036	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	716611	39.304	ng	98

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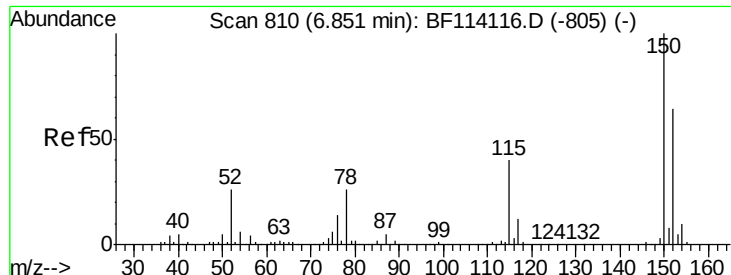
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Quant Time: May 13 07:30:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	683924	80.489	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	499379	39.820	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	534552	41.563	ng	99
46) 1,1'-Biphenyl	9.31	154	1965771	40.428	ng	99
47) 2-Chloronaphthalene	9.33	162	1500175	38.336	ng	99
48) 2-Nitroaniline	9.43	65	517097	37.260	ng	97
49) Acenaphthylene	9.75	152	2449997	41.164	ng	100
50) Dimethylphthalate	9.61	163	1726926	39.085	ng	99
51) 2,6-Dinitrotoluene	9.67	165	404181	41.243	ng	94
52) Acenaphthene	9.92	154	1499108	41.046	ng	99
53) 3-Nitroaniline	9.84	138	345990	28.441	ng	96
54) 2,4-Dinitrophenol	9.95	184	434943	87.567	ng	96
55) Dibenzofuran	10.09	168	2220385	41.460	ng	98
56) 4-Nitrophenol	10.01	139	708124	82.310	ng	97
57) 2,4-Dinitrotoluene	10.07	165	565841	42.540	ng	94
58) Fluorene	10.43	166	1691404	40.888	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	478300	43.101	ng	99
60) Diethylphthalate	10.31	149	1824093	40.631	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	822034	40.460	ng	97
62) 4-Nitroaniline	10.46	138	496985	38.878	ng	94
63) Azobenzene	10.59	77	1819671	41.875	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	277823	47.979	ng	86
66) n-Nitrosodiphenylamine	10.55	169	1576005	43.090	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	545121	41.084	ng	98
68) Hexachlorobenzene	10.99	284	598187	40.753	ng	99
69) Atrazine	11.07	200	473029	41.560	ng	98
70) Pentachlorophenol	11.18	266	597267	85.837	ng	98
71) Phenanthrene	11.40	178	2421991	41.311	ng	99
72) Anthracene	11.45	178	2534322	43.037	ng	99
73) Carbazole	11.60	167	2390263	42.566	ng	100
74) Di-n-butylphthalate	11.93	149	2804436	43.349	ng	98
75) Fluoranthene	12.59	202	2627639	41.619	ng	100
77) Benzidine	12.70	184	1557524	36.182	ng	97
78) Pyrene	12.82	202	2672826	34.647	ng	99
80) Butylbenzylphthalate	13.42	149	1291555	39.776	ng	95
81) Benzo(a)anthracene	14.00	228	2229891	35.951	ng	98
82) 3,3'-Dichlorobenzidine	13.96	252	624077	25.936	ng	99
83) Chrysene	14.04	228	2259400	37.159	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1641622	38.656	ng	# 98
85) Di-n-octyl phthalate	14.60	149	2801046	40.687	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	2155255	40.108	ng	98
88) Benzo(b)fluoranthene	15.04	252	2522523	41.600	ng	98
89) Benzo(k)fluoranthene	15.08	252	2138798	38.398	ng	100
90) Benzo(a)pyrene	15.42	252	2268466	42.508	ng	100
91) Dibenzo(a,h)anthracene	16.95	278	1780748	40.157	ng	99
92) Benzo(g,h,i)perylene	17.38	276	1706260	38.395	ng	99

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



#1

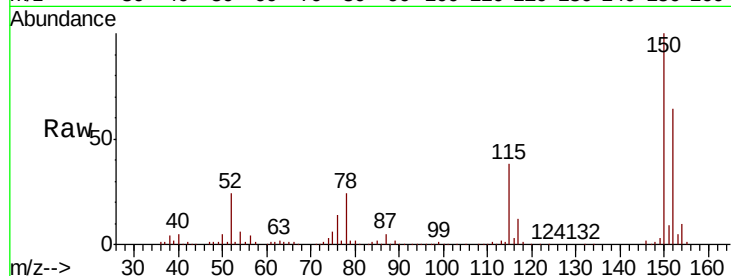
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.3	186.5
115	58.8	49.1	73.7

Manual Integrations
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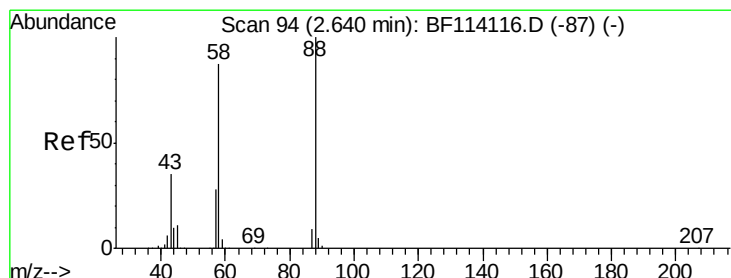
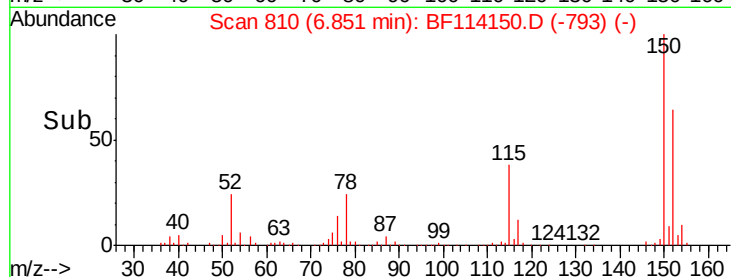
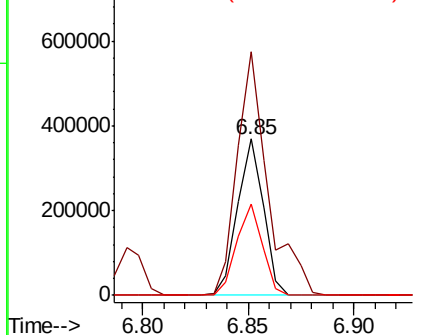


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

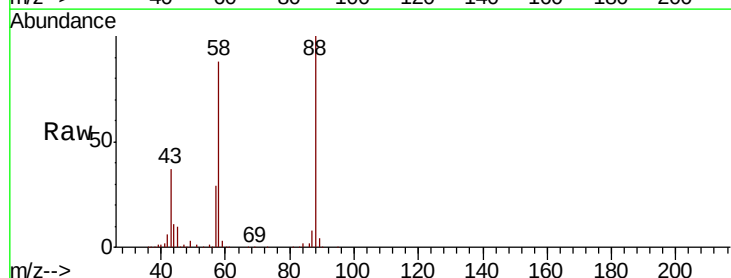
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.488 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.09 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.1	68.7	103.1
43	34.2	28.2	42.2

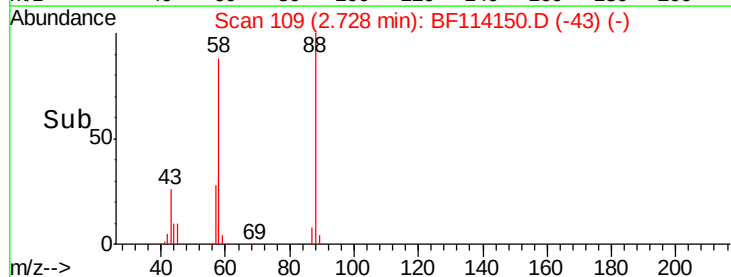
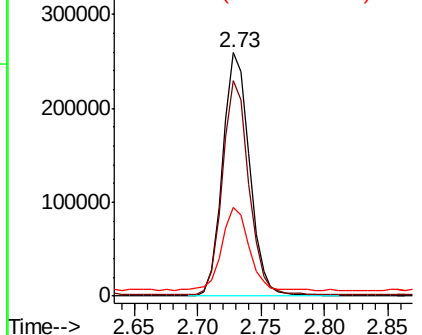


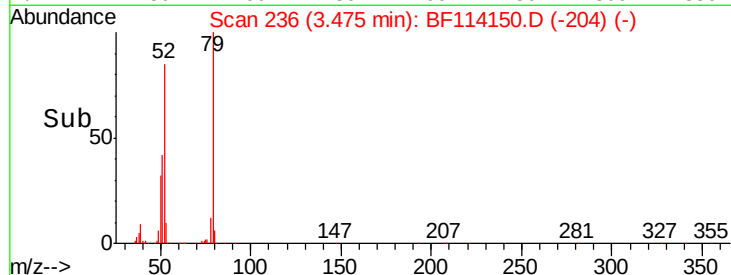
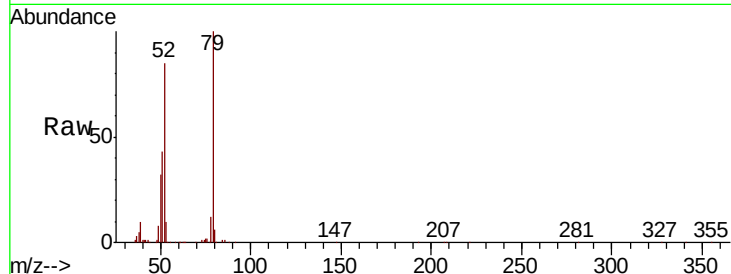
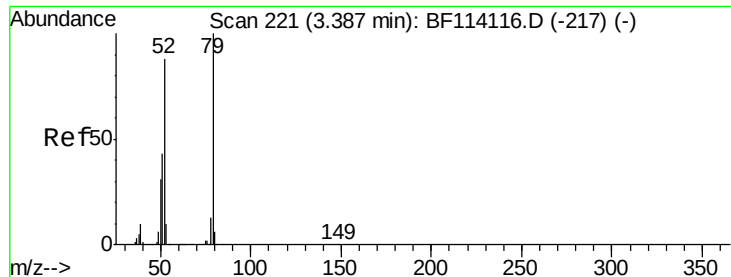
Abundance

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





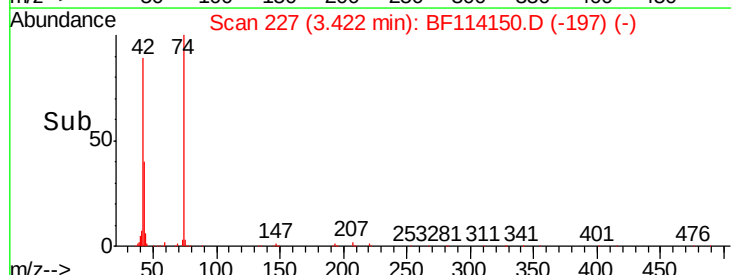
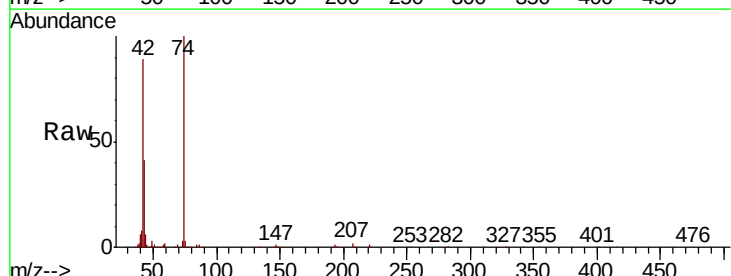
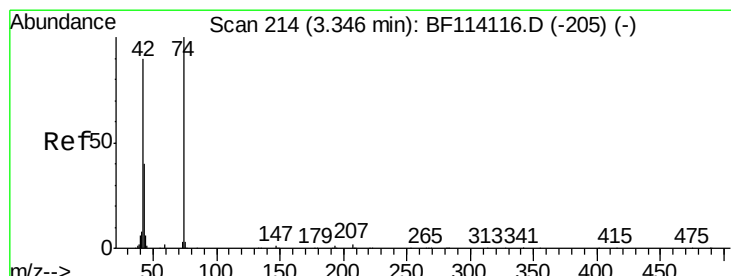
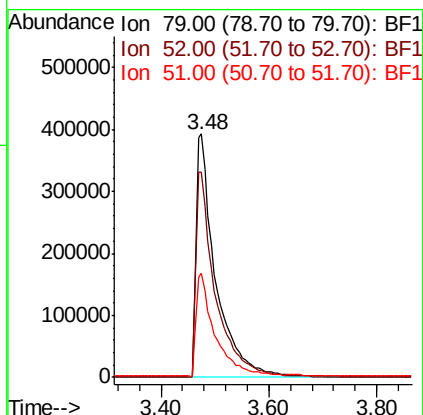
#3
Pvridine
Concen: 33.271 ng
RT: 3.48 min Scan# 236
Delta R.T. 0.09 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	84.5	70.6	105.8
51	42.5	34.2	51.2

Instrument :
BNA_F
ClientSampled :
PB119622BS

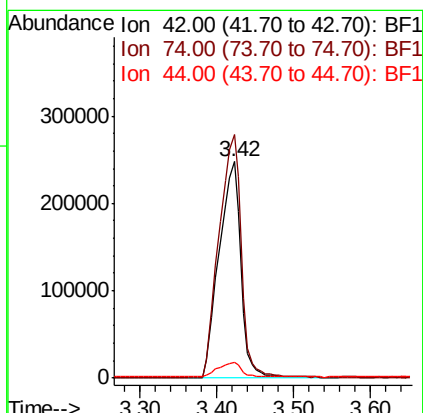
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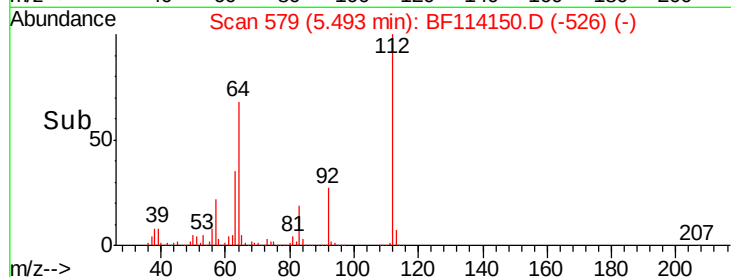
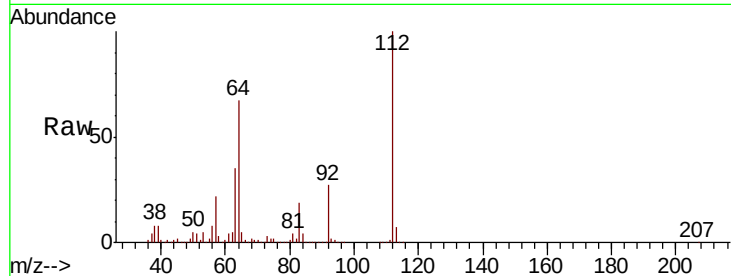
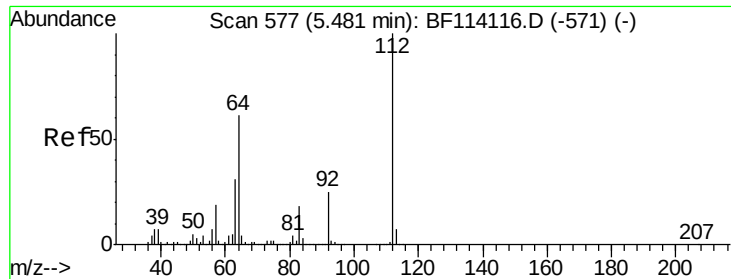
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#4
n-Nitrosodimethylamine
Concen: 34.255 ng
RT: 3.42 min Scan# 227
Delta R.T. 0.08 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	112.4	88.6	132.8
44	7.2	5.5	8.3





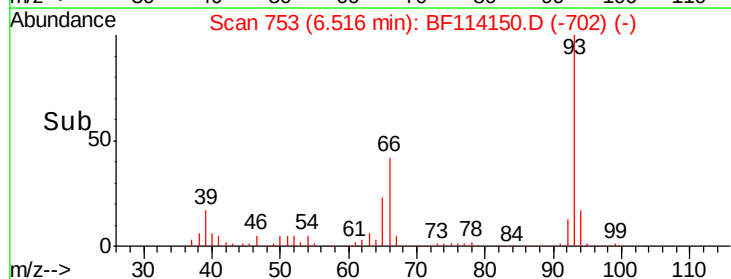
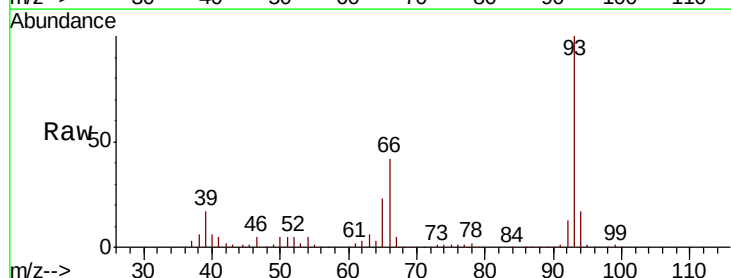
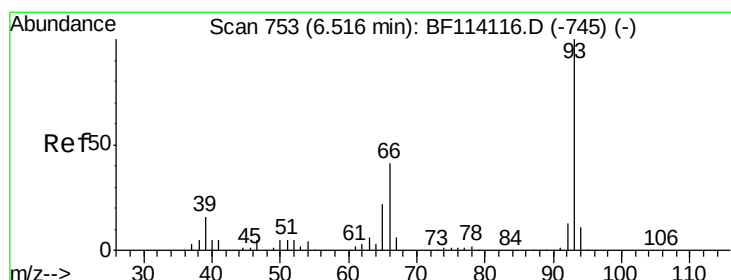
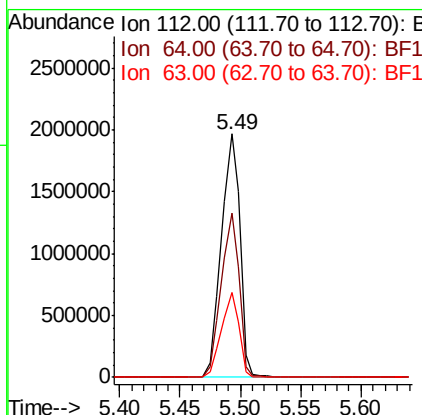
#5
2-Fluorophenol
Concen: 107.574 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tot Ion	Ratio	Lower	Upper
112	100		
64	67.5	49.0	73.6
63	34.8	24.6	37.0

Instrument :
BNA_F
ClientSampled :
PB119622BS

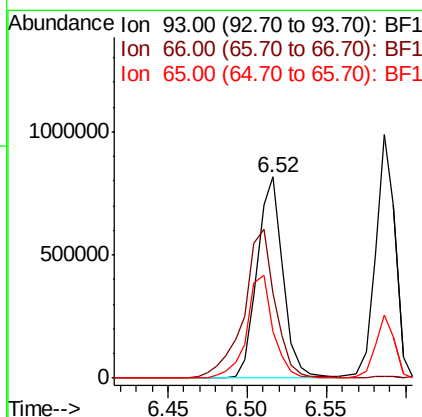
Manual Integrations
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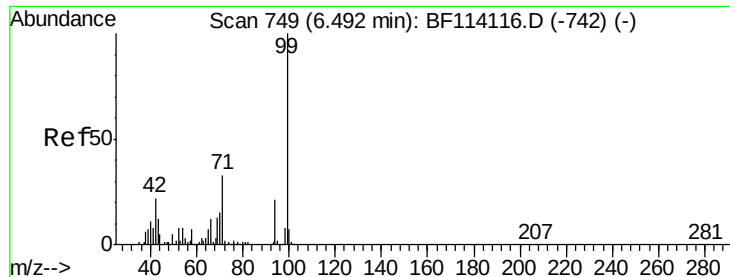
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#6
Aniline
Concen: 27.947 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.2	49.8
65	22.9	17.6	26.4





#7

Phenol-d6

Concen: 118.597 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampled :

PB119622BS

Tot Ion: 99 Resp: 2725932

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

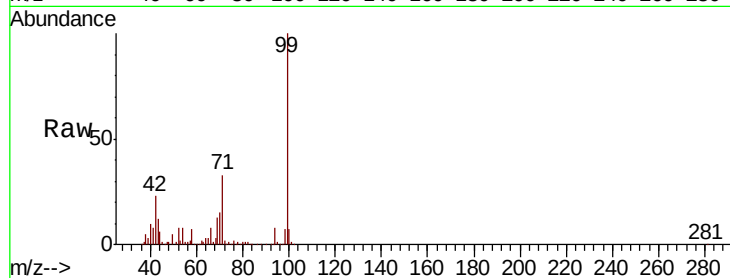
71 32.9 26.2 39.2

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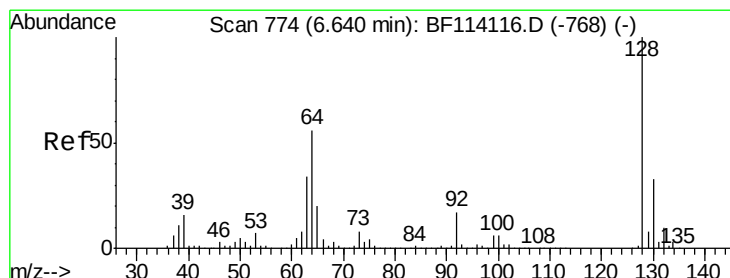
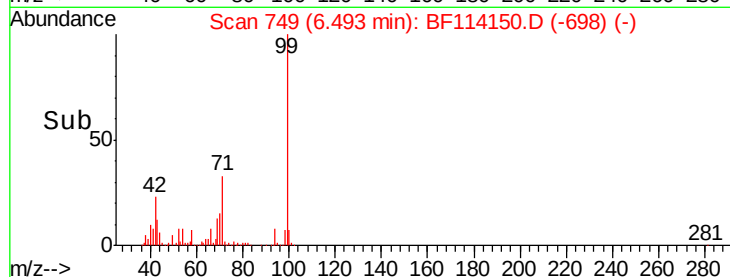
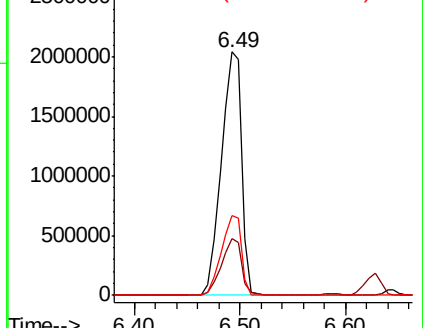
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.814 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

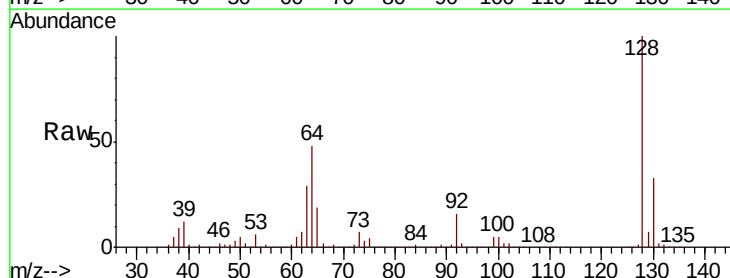
Tgt Ion: 128 Resp: 846750

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

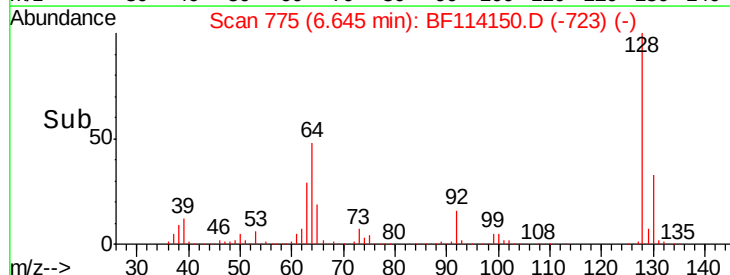
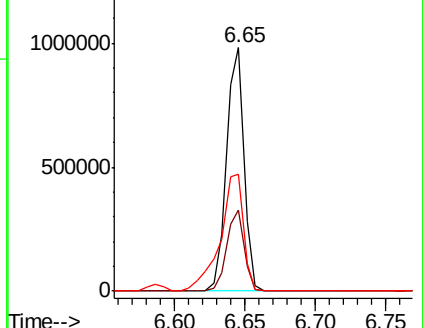
64 48.3 35.9 75.9

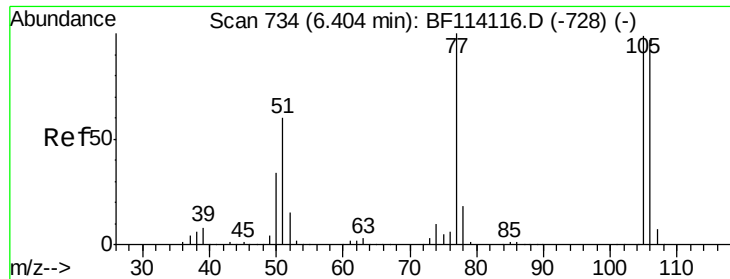


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.873 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

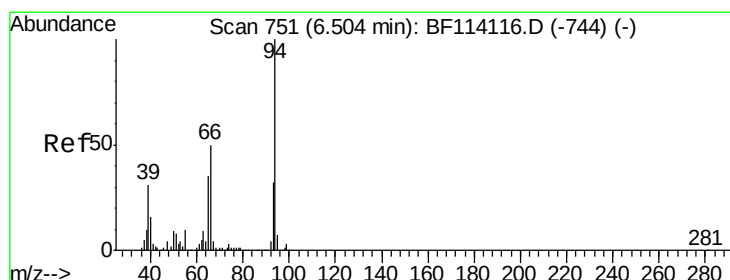
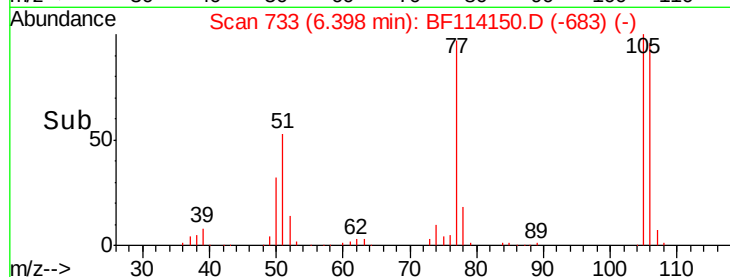
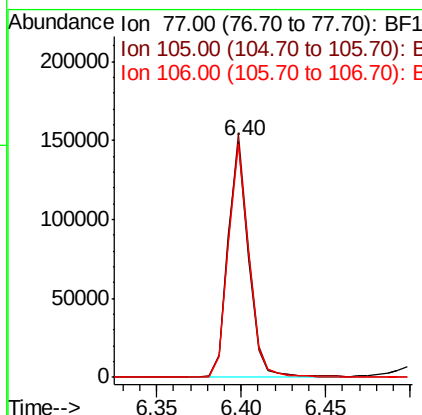
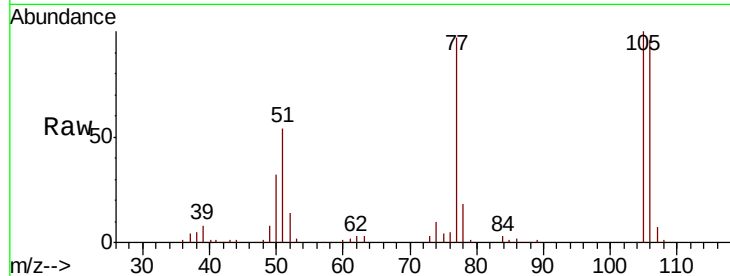
ClientSampleId :

PB119622BS

Tot Ion:	77	Resp:	126678
Ion	Ratio	Lower	Upper
77	100		
105	103.0	79.3	119.3
106	99.0	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 38.042 ng

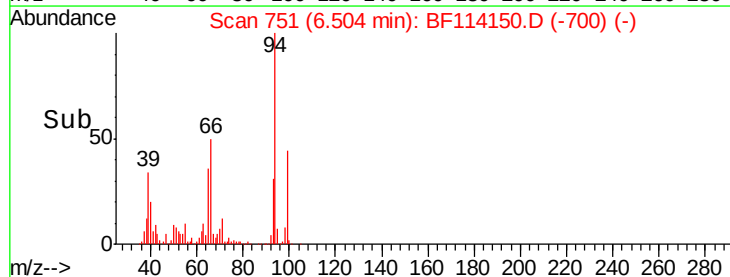
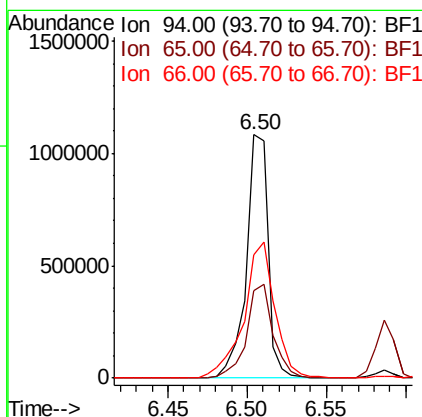
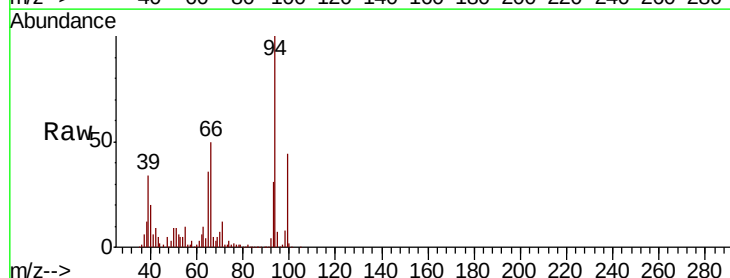
RT: 6.50 min Scan# 751

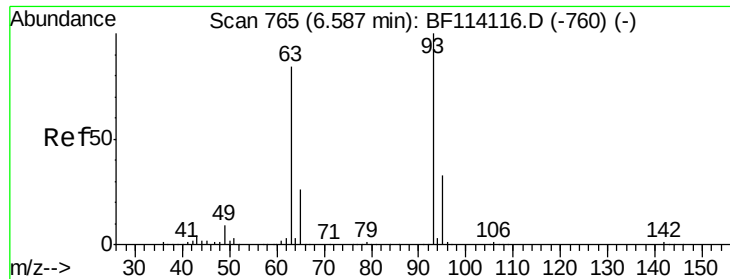
Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:	94	Resp:	1028611
Ion	Ratio	Lower	Upper
94	100		
65	35.9	14.7	54.7
66	50.4	29.6	69.6





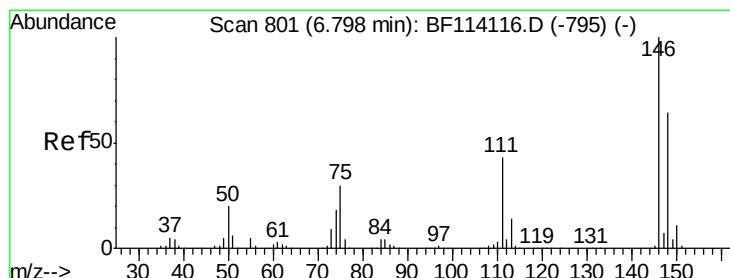
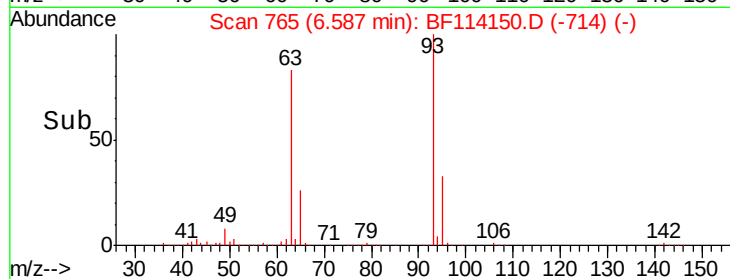
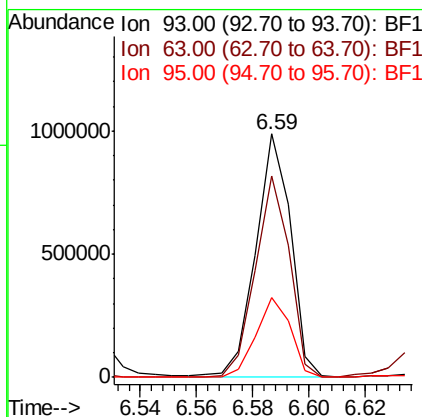
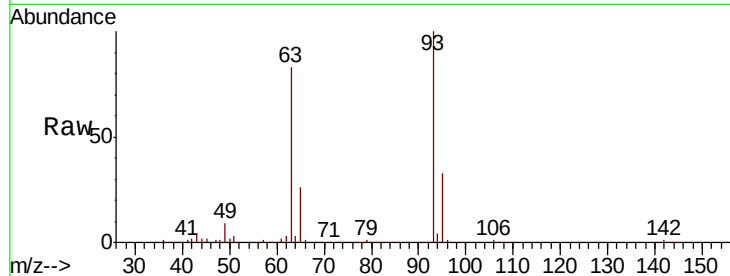
#11
bis(2-Chloroethyl)ether
Concen: 41.096 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampled :
PB119622BS

Tot Ion:	93	Resp:	843585
Ion Ratio	Lower	Upper	
93	100		
63	82.9	63.6	103.6
95	32.6	13.1	53.1

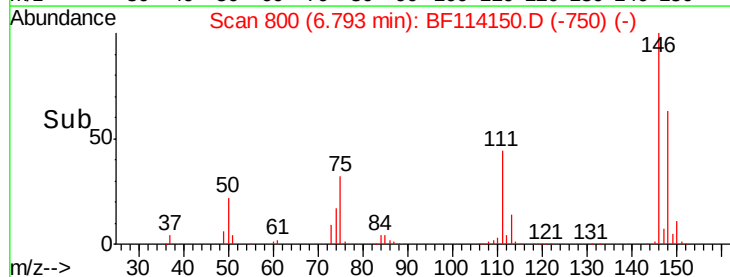
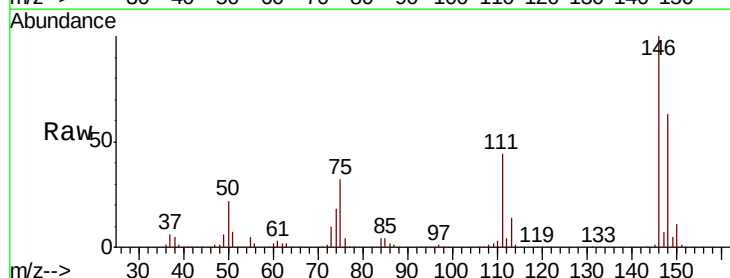
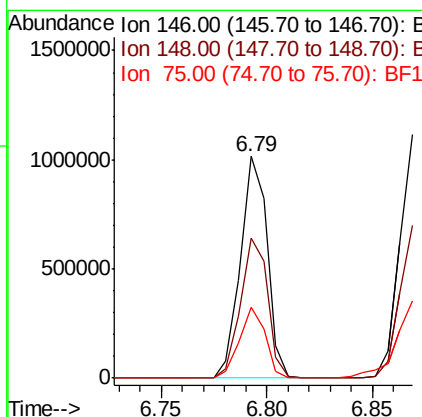
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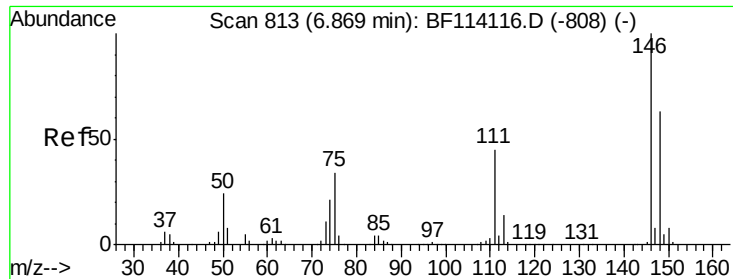
Sohil
5/13/2019 8:35:46 PM



#12
1,3-Dichlorobenzene
Concen: 38.228 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion:	146	Resp:	890251
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.6	77.4
75	32.1	24.2	36.2





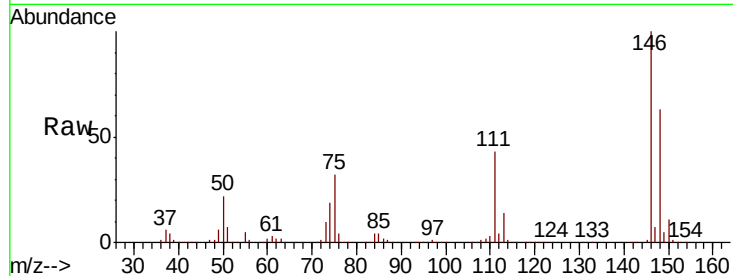
#13
1,4-Dichlorobenzene
Concen: 38.556 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampled :
PB119622BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.2	75.2
111	42.7	35.8	53.6

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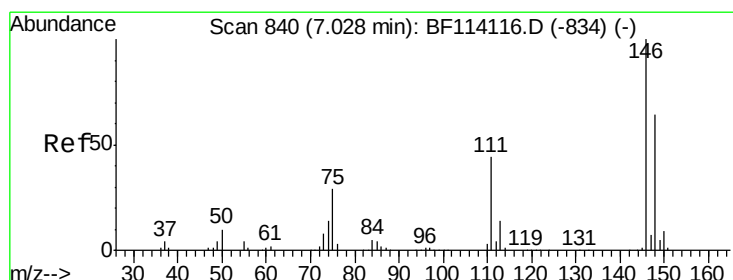
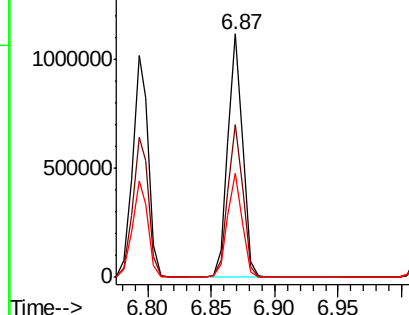
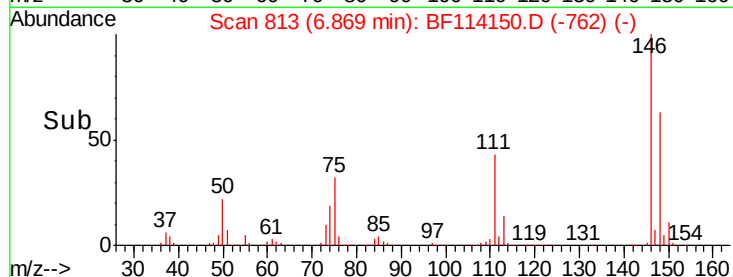


Abundance

Ion 146.00 (145.70 to 146.70): E

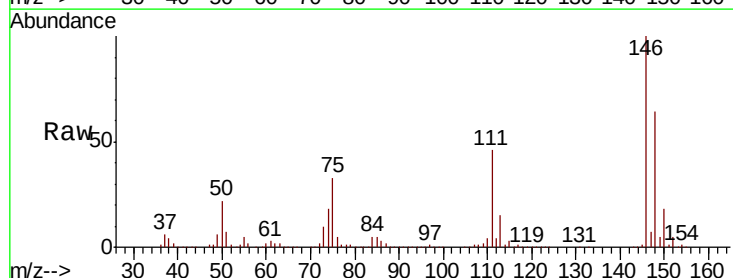
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 39.619 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.1	76.7
111	45.6	35.3	52.9

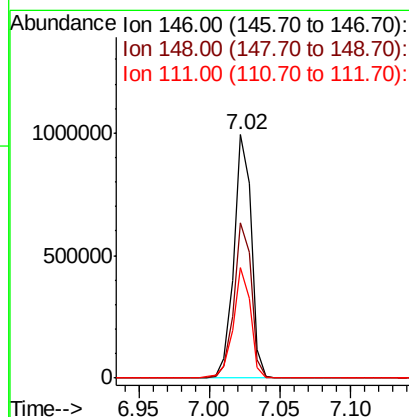
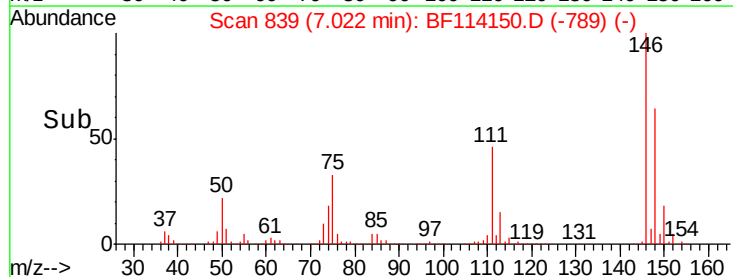


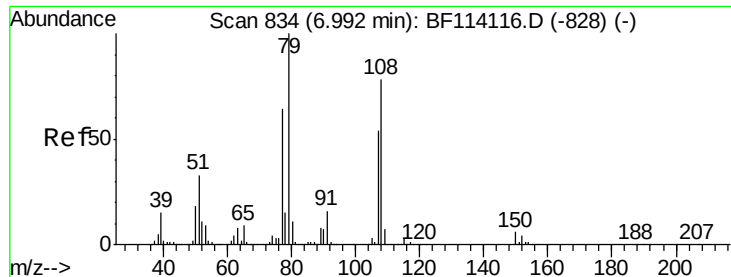
Abundance

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: 41.282 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

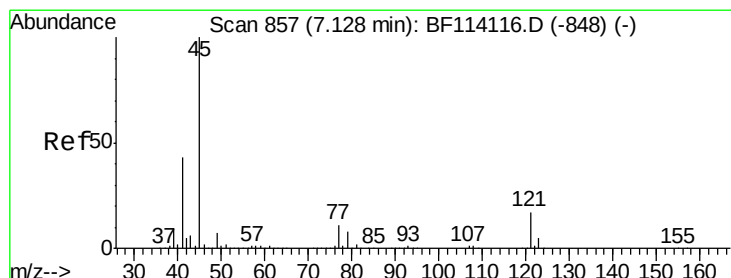
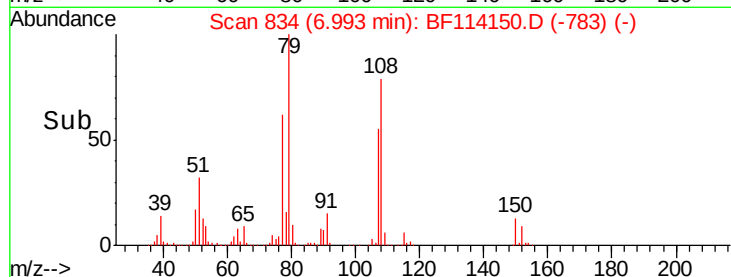
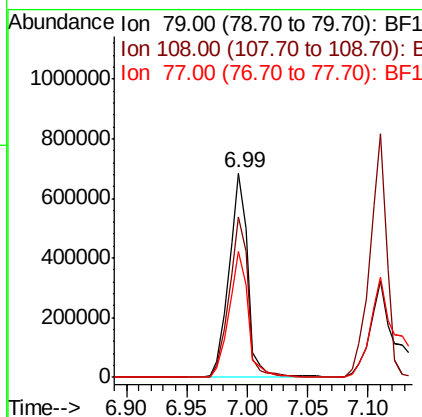
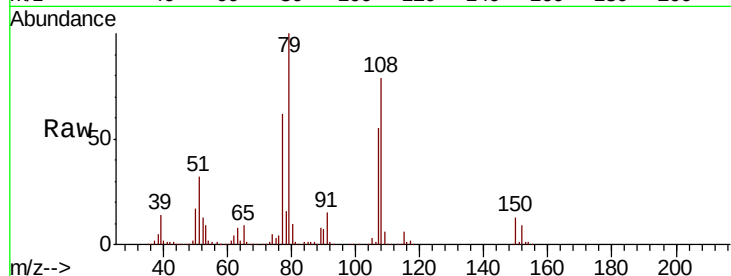
ClientSampled :

PB119622BS

Tot Ion:	79	Resp:	740059
Ion Ratio	Lower	Upper	
79	100		
108	78.6	62.1	93.1
77	61.7	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.772 ng

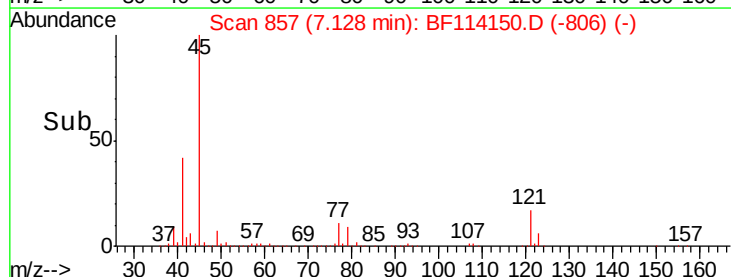
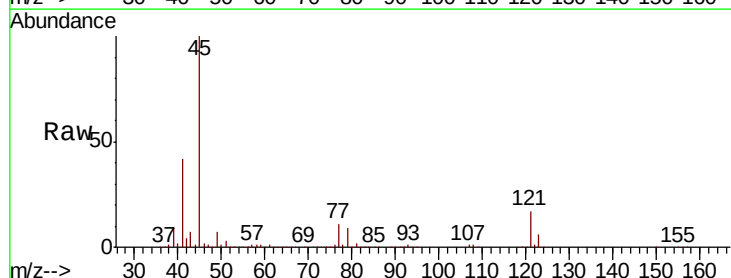
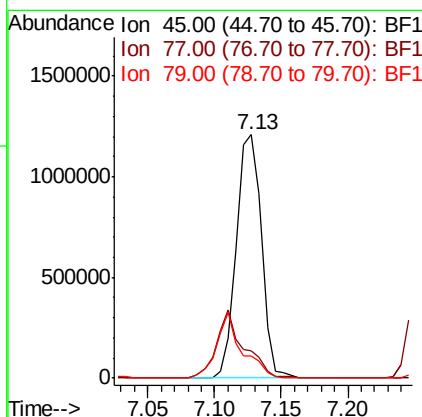
RT: 7.13 min Scan# 857

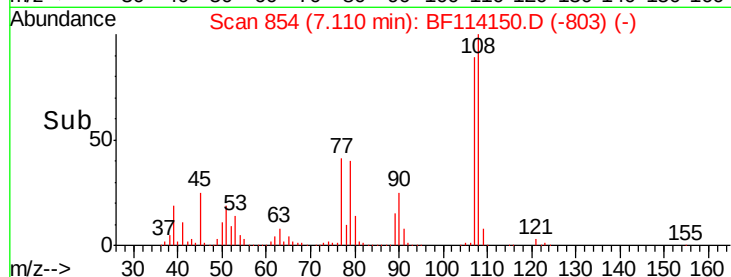
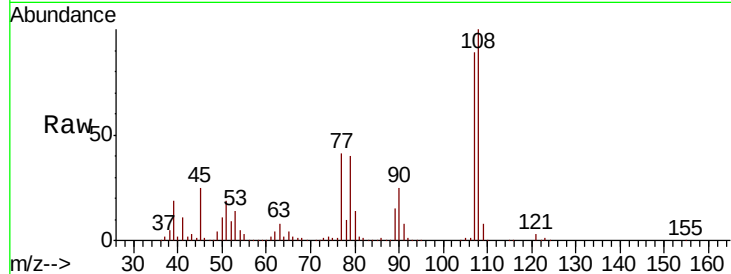
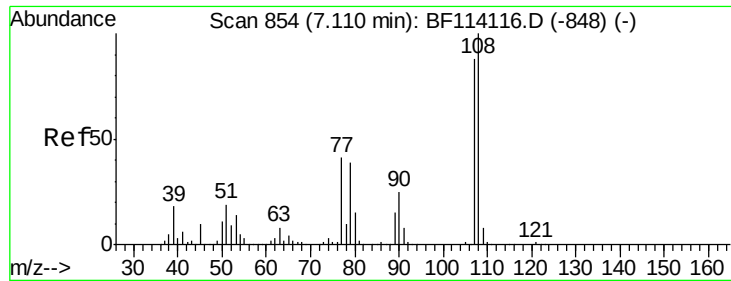
Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:	45	Resp:	1582990
Ion Ratio	Lower	Upper	
45	100		
77	11.4	0.0	31.1
79	9.0	0.0	28.4





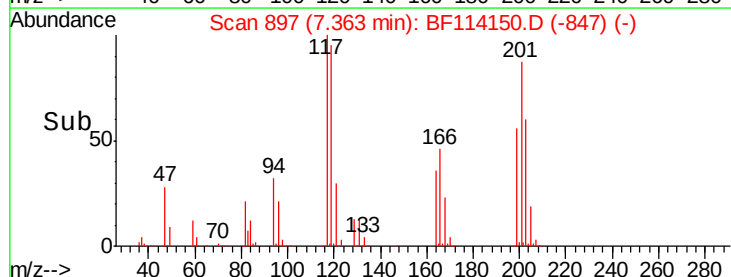
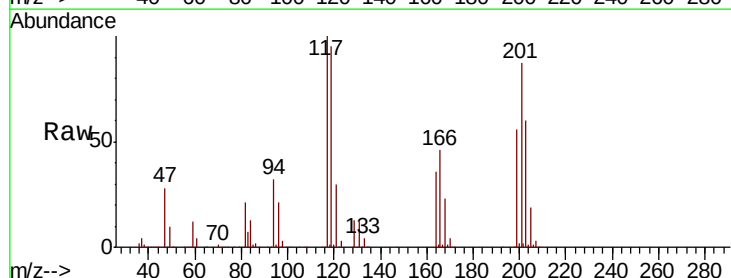
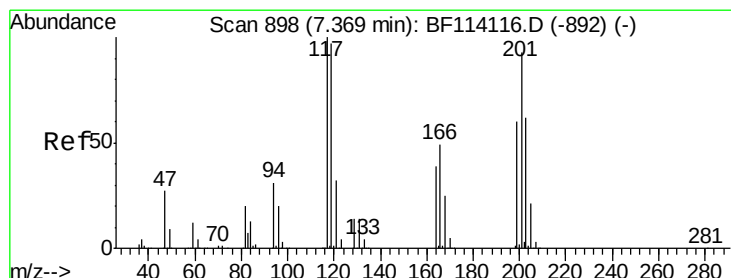
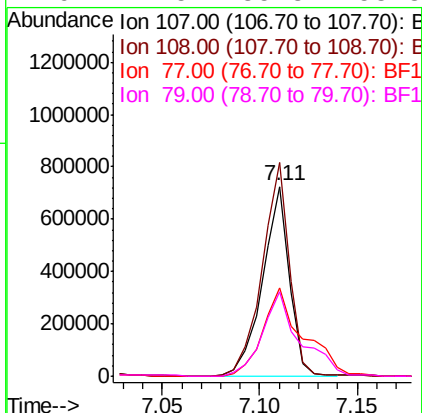
#17
2-Methylphenol
Concen: 40.465 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tot Ion	107	Resp	689621
Ion Ratio	Lower	Upper	
107	100		
108	112.4	90.5	135.7
77	46.4	37.0	55.4
79	44.5	35.8	53.8

Instrument :
BNA_F
ClientSampleId :
PB119622BS

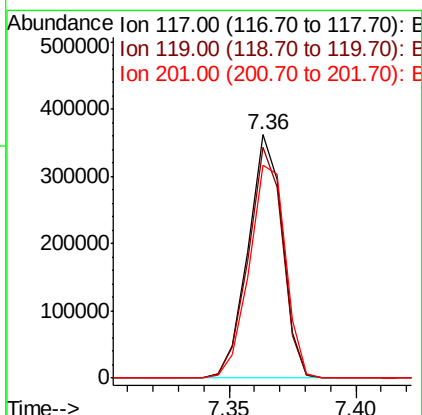
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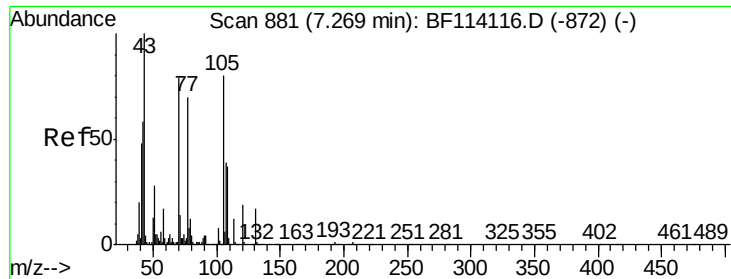
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#18
Hexachloroethane
Concen: 38.900 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	117	Resp	342654
Ion Ratio	Lower	Upper	
117	100		
119	95.0	77.4	116.2
201	87.5	74.5	111.7





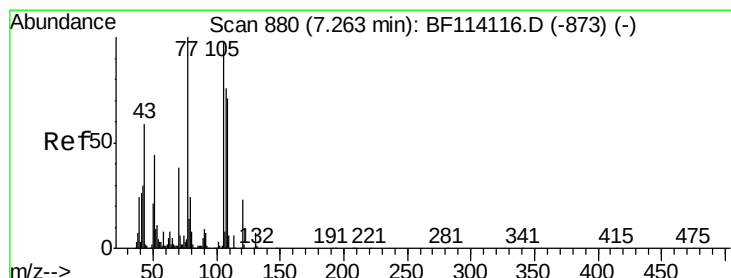
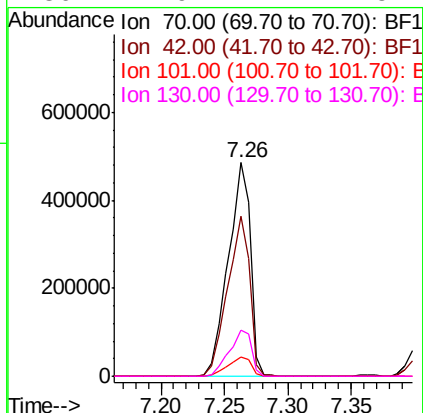
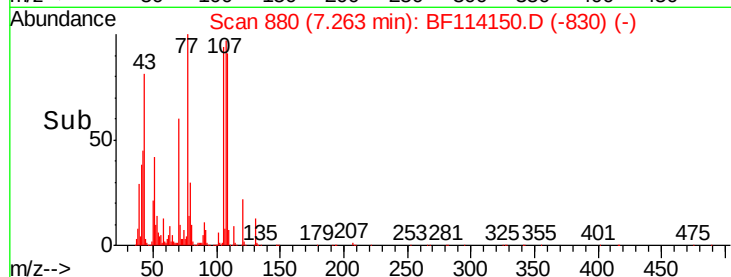
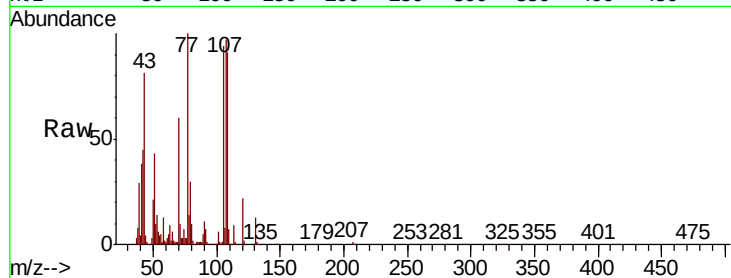
#19
n-Nitroso-di-n-propylamine
Concen: 40.077 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.1	58.6	87.8
101	9.3	7.8	11.8
130	21.9	17.1	25.7

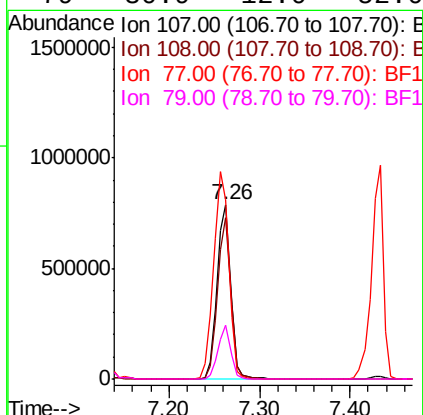
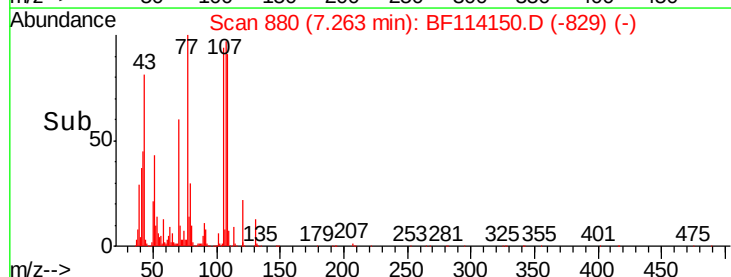
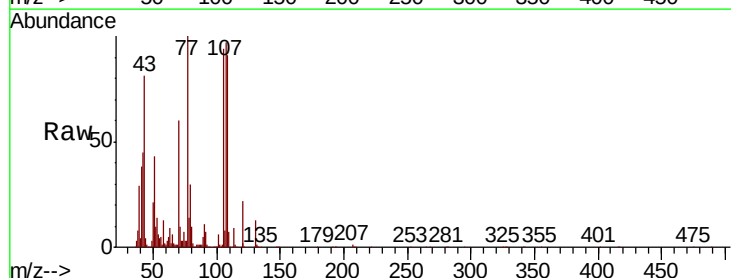
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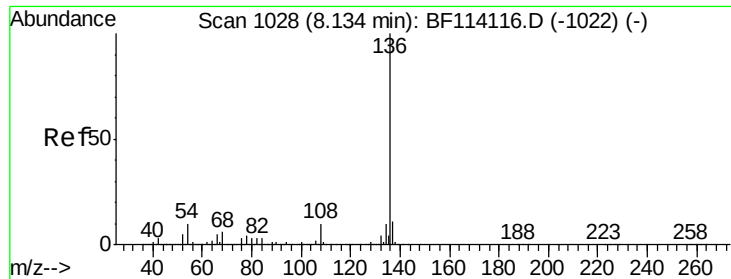
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#20
3+4-Methylphenols
Concen: 41.184 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.0	73.8	113.8
77	102.6	111.5	151.5#
79	30.9	12.0	52.0





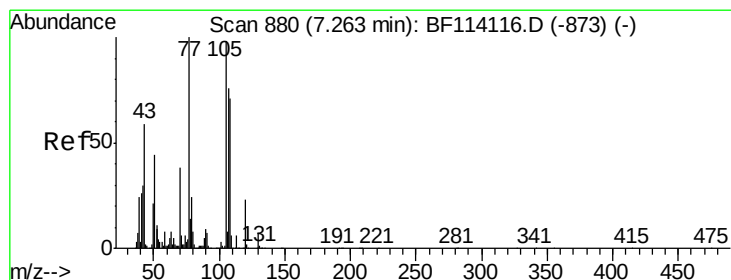
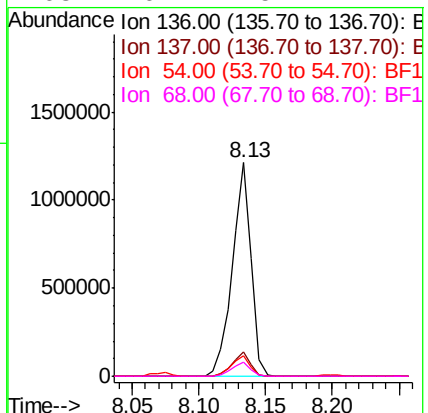
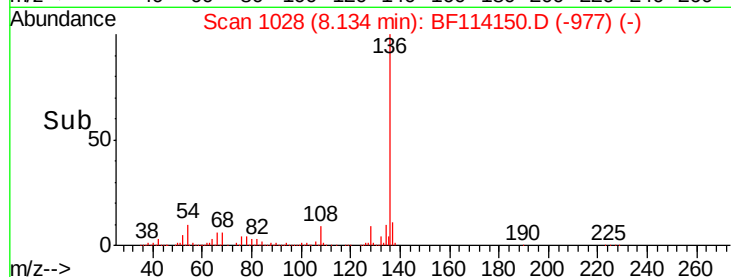
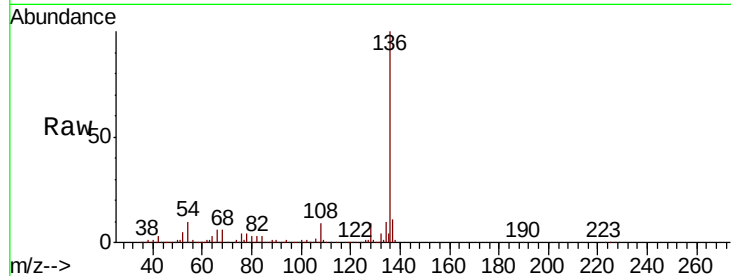
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	136	Resp	1188454
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	9.7	7.8	11.8
68	6.4	5.1	7.7

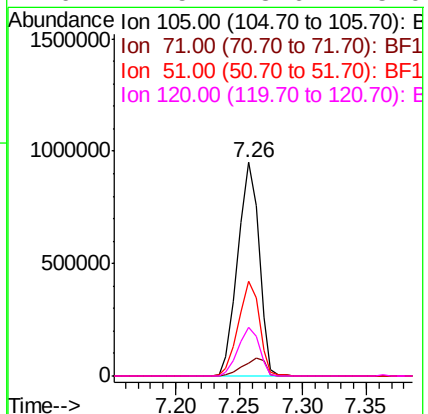
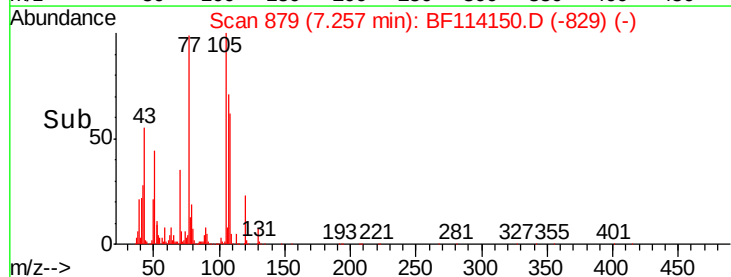
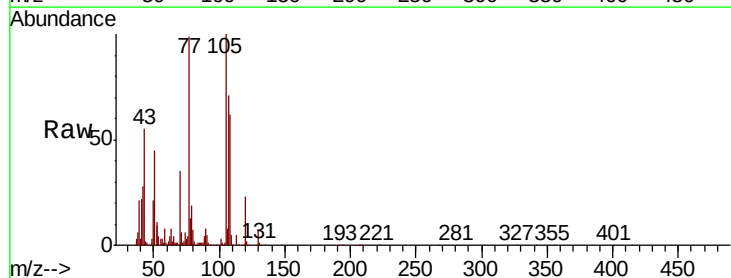
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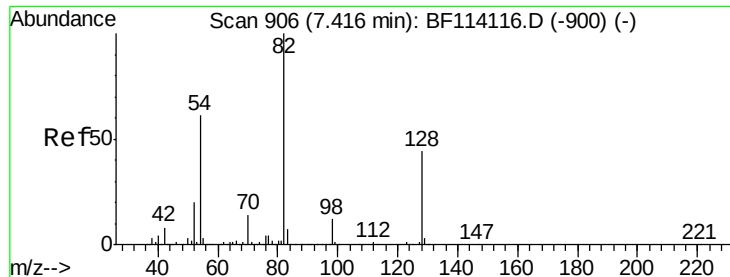
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#22
Acetophenone
Concen: 41.856 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	105	Resp	1102002
Ion Ratio	Lower	Upper	
105	100		
71	6.2	5.3	7.9
51	44.6	36.2	54.4
120	22.5	18.6	28.0





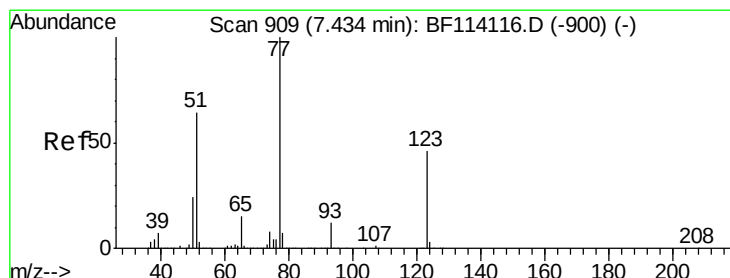
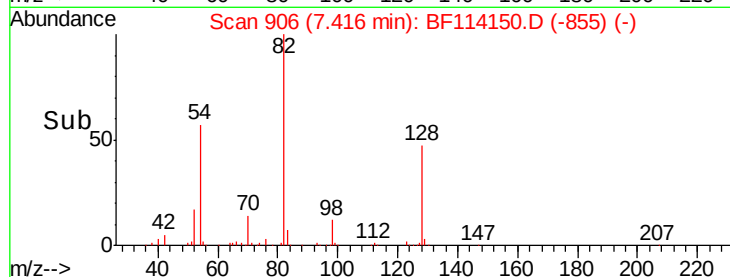
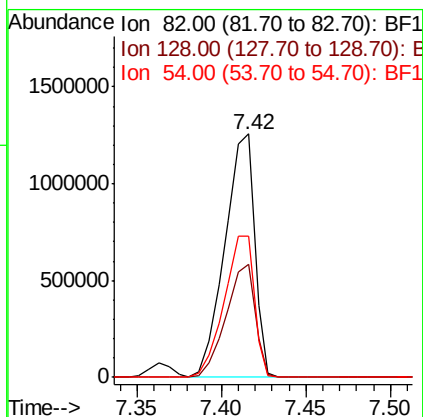
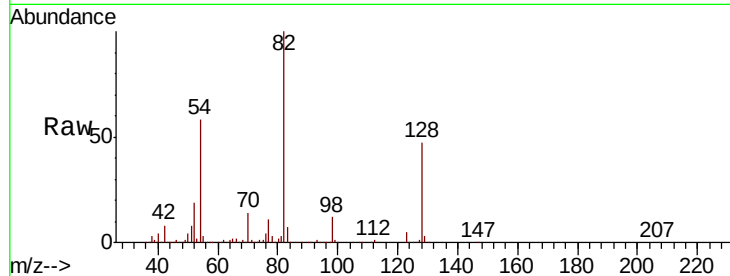
#23
Nitrobenzene-d5
Concen: 72.653 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.7	35.5	53.3
54	58.2	48.5	72.7

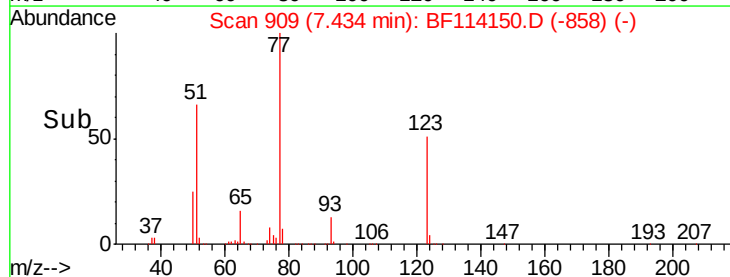
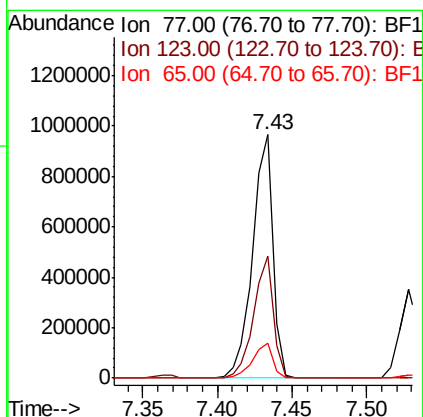
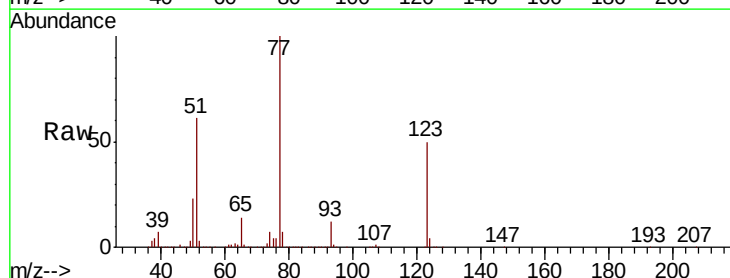
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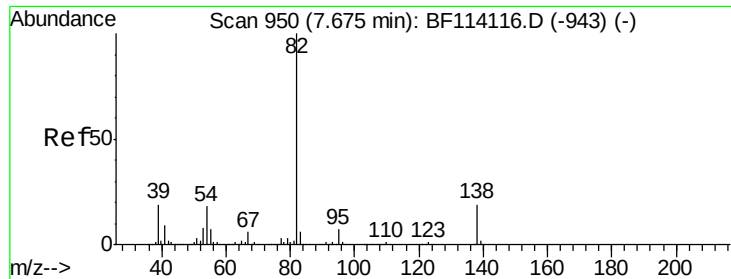
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#24
Nitrobenzene
Concen: 41.860 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.4	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 42.274 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampleId :

PB119622BS

Tot Ion: 82 Resp: 1660286

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

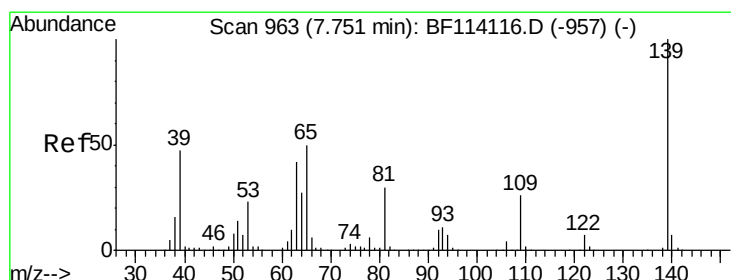
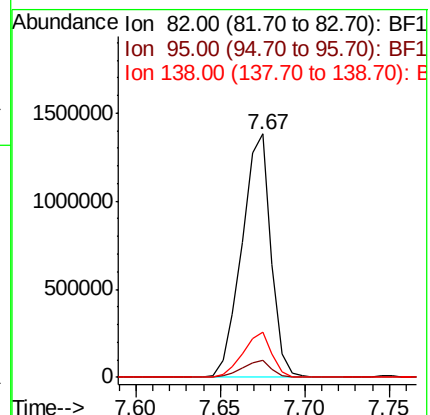
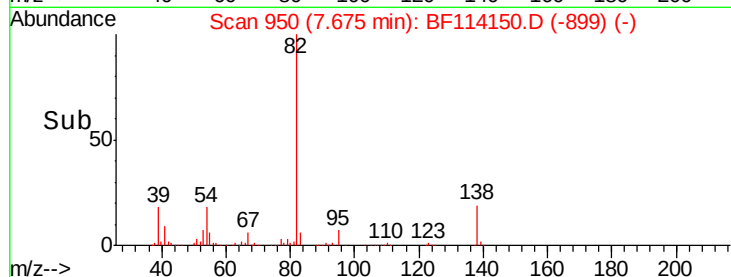
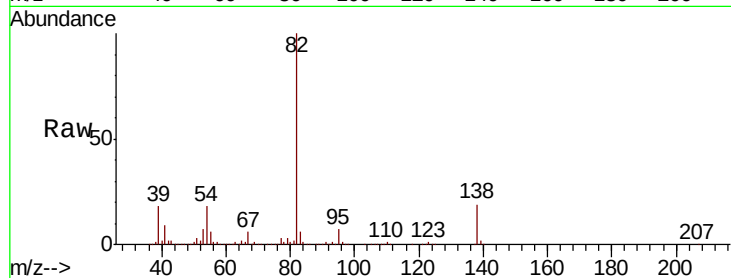
138 18.8 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 45.319 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

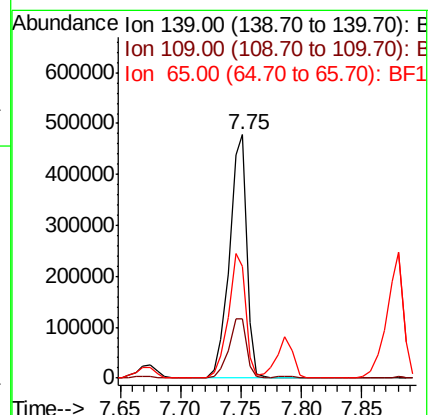
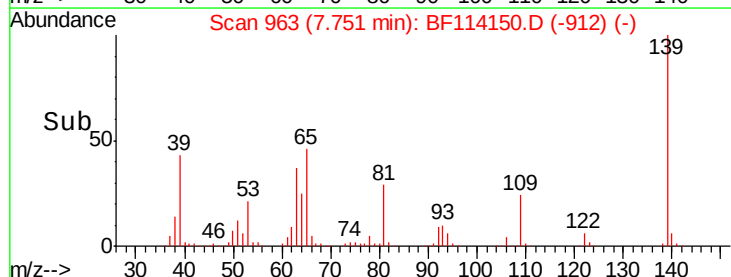
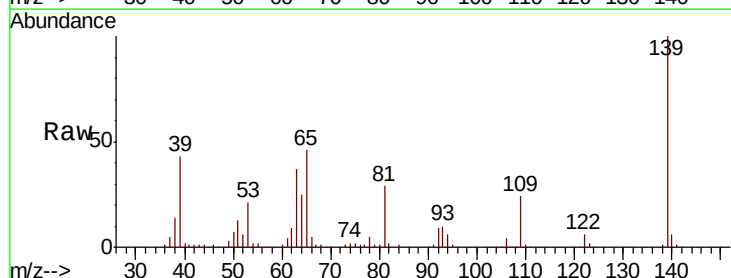
Tgt Ion: 139 Resp: 474241

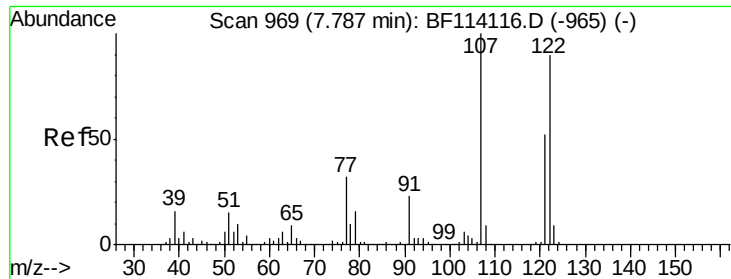
Ion Ratio Lower Upper

139 100

109 24.2 20.7 31.1

65 45.7 40.2 60.2





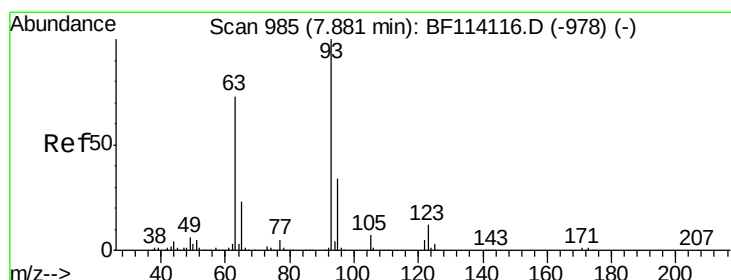
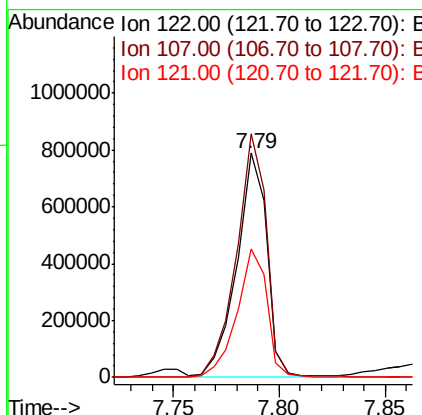
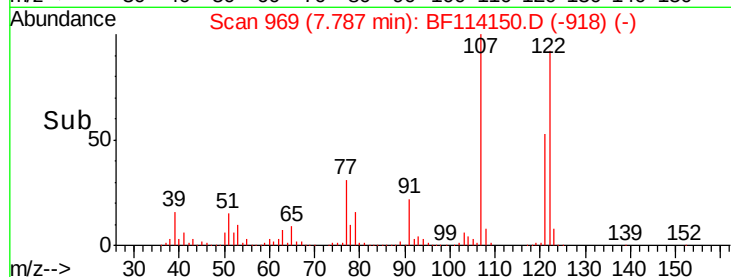
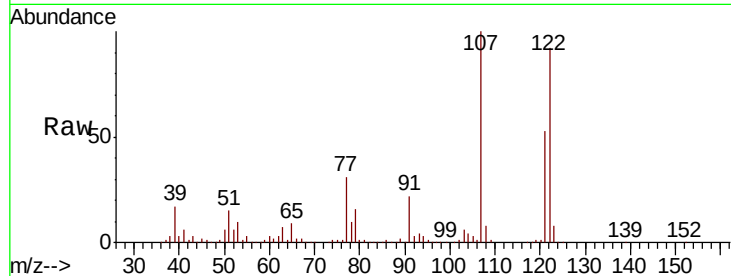
#27
2,4-Dimethylphenol
Concen: 47.451 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.7	88.4	132.6
121	57.5	45.9	68.9

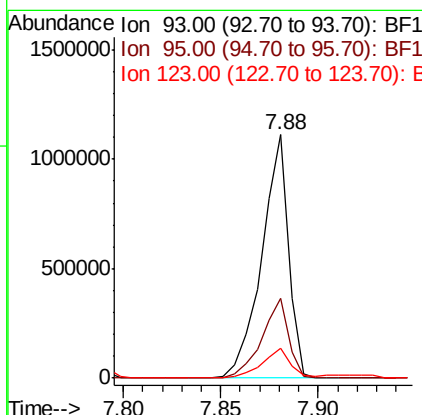
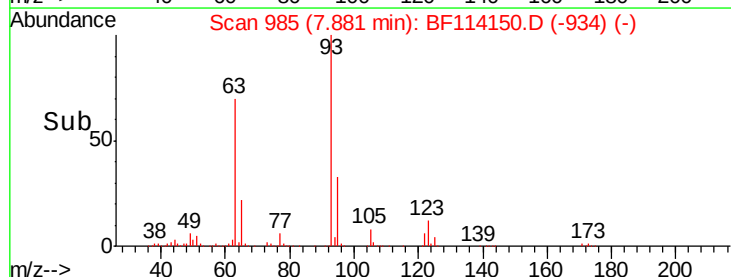
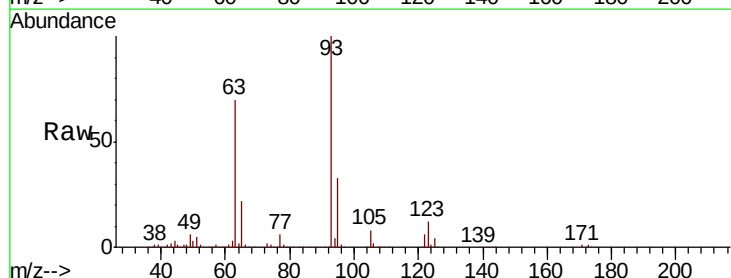
Manual Integrations
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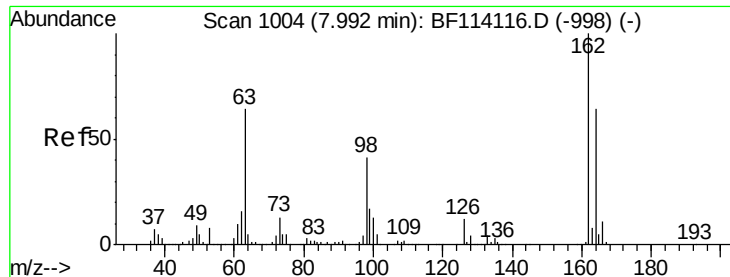
Sohil
5/13/2019 8:35:46 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.523 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.8	40.2
123	12.4	9.5	14.3





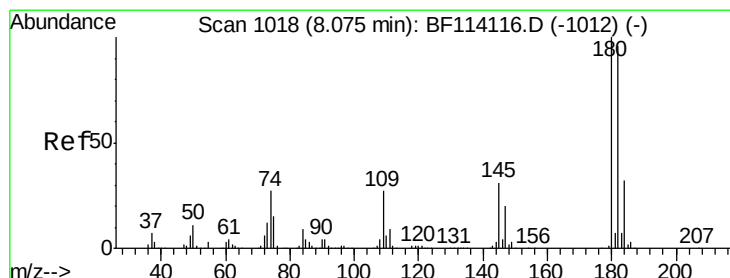
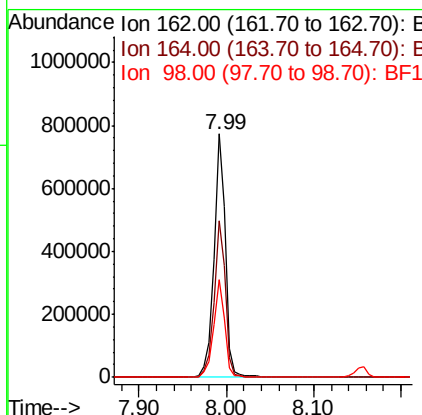
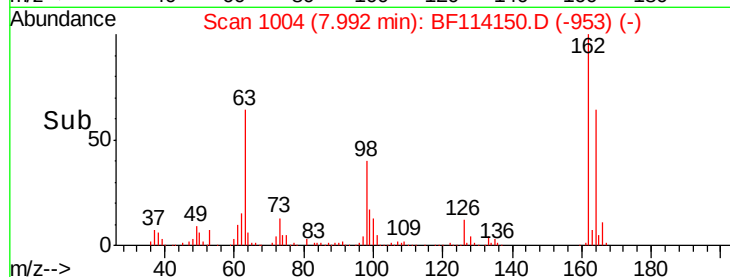
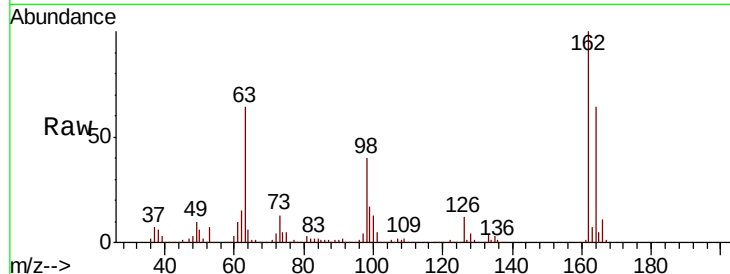
#29
 2,4-Dichlorophenol
 Concen: 42.738 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Instrument :
 BNA_F
 ClientSampled :
 PB119622BS

Tot Ion:	162	Resp:	699441
Ion Ratio	Lower	Upper	
162	100		
164	64.3	43.6	83.6
98	39.9	20.6	60.6

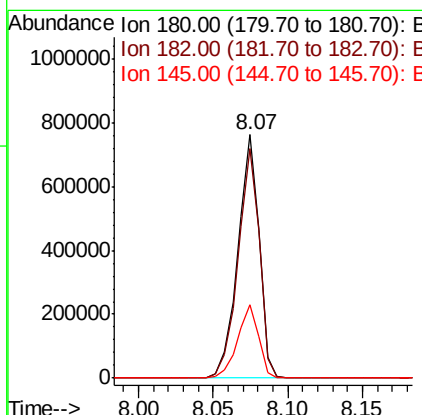
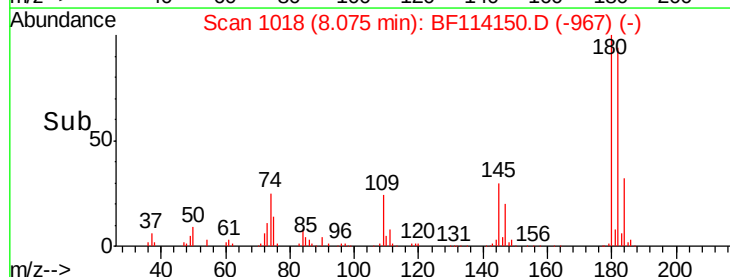
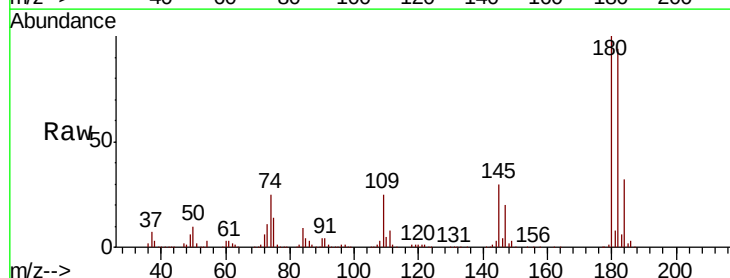
Manual Integrations
 APPROVED

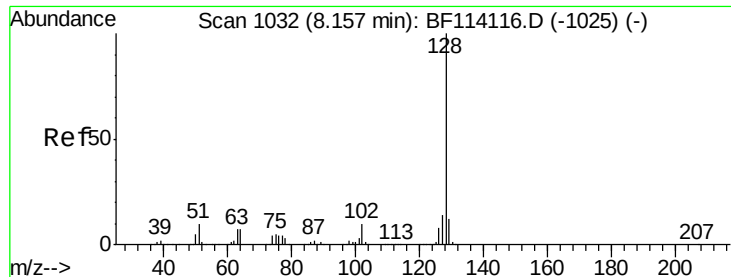
Sohil
 5/13/2019 8:35:46 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.656 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Tgt Ion:	180	Resp:	756596
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.6	114.8
145	30.2	25.1	37.7





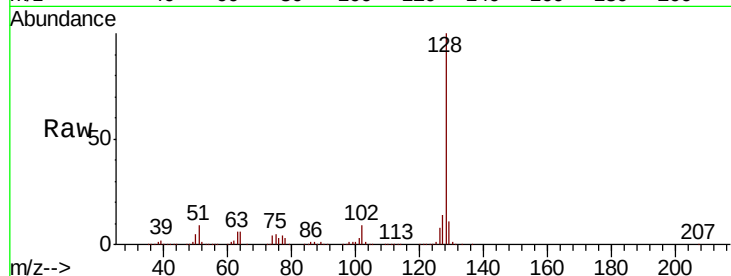
#31
Naphthalene
Concen: 43.005 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.9	11.3	16.9

Manual Integrations
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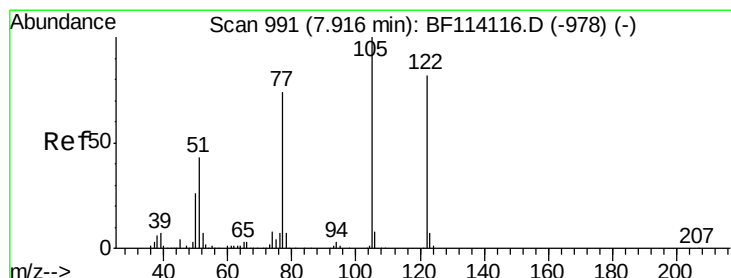
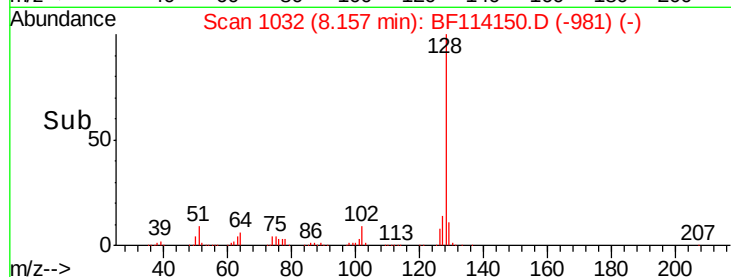
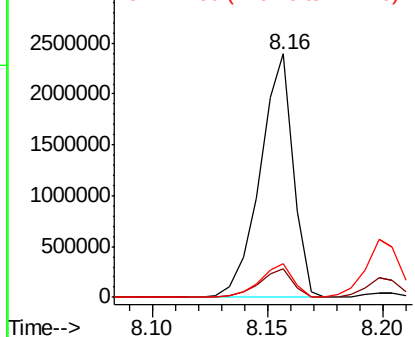


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.186 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

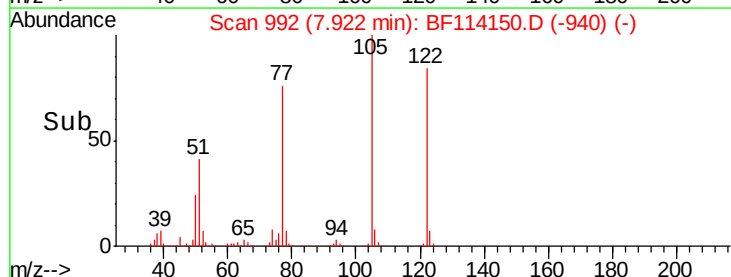
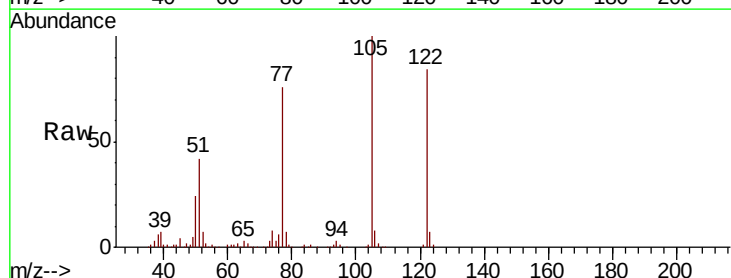
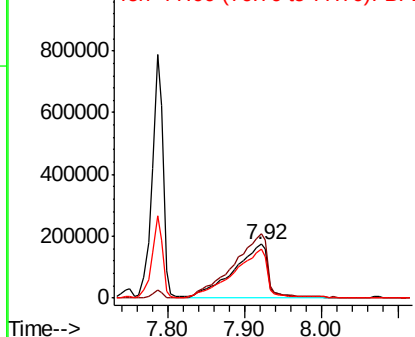
Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.2	99.9	139.9
77	91.0	69.4	109.4

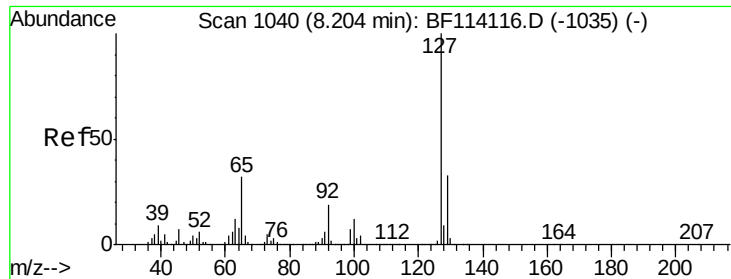
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





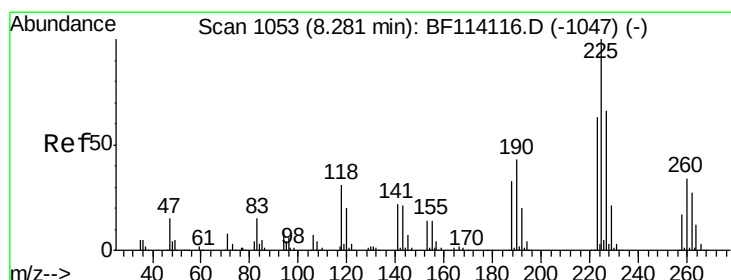
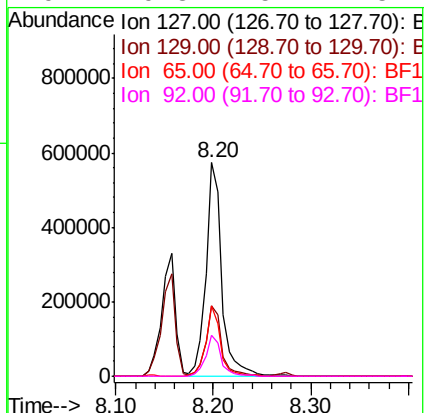
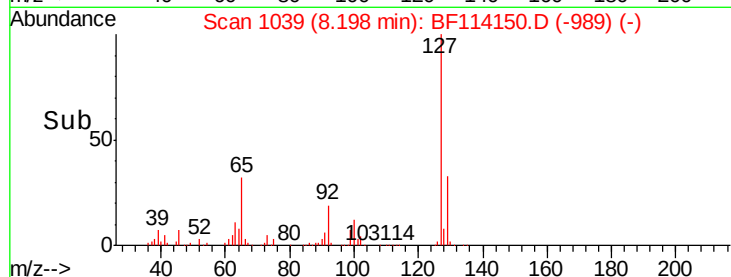
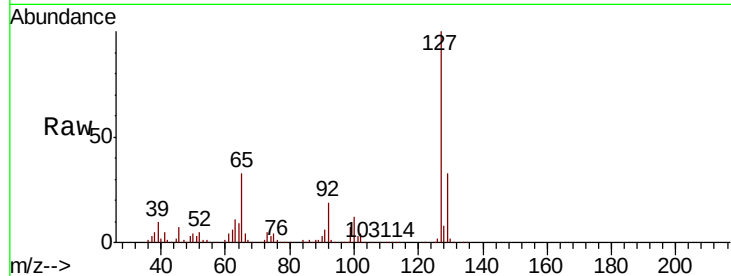
#33
4-Chloroaniline
Concen: 25.466 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		644219		
129	33.1	26.7	40.1		
65	32.7	25.4	38.0		
92	19.3	15.4	23.2		

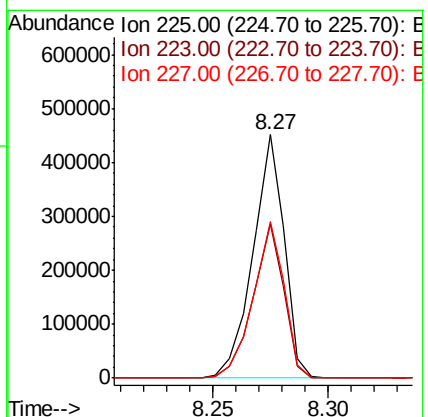
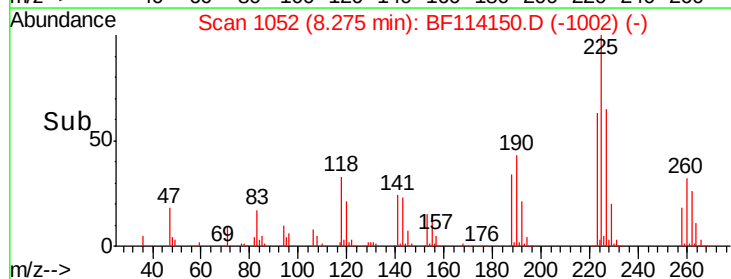
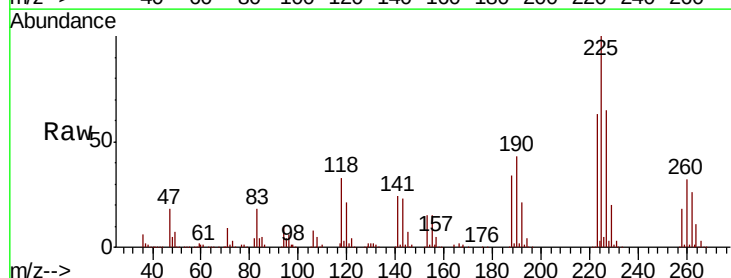
Manual Integrations
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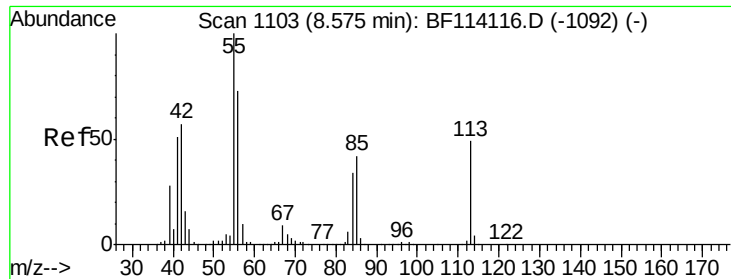
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#34
Hexachlorobutadiene
Concen: 40.307 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		426805		
223	63.2	50.2	75.2		
227	64.5	52.6	79.0		





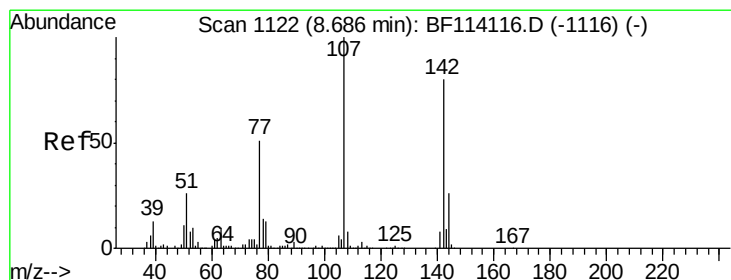
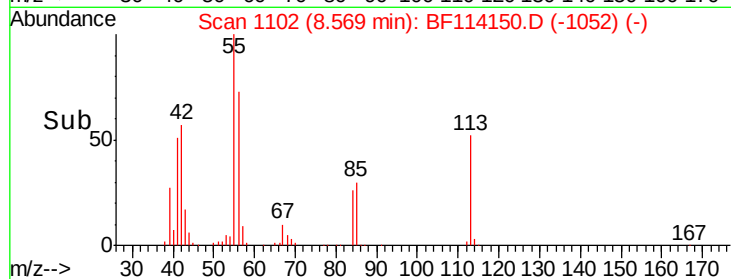
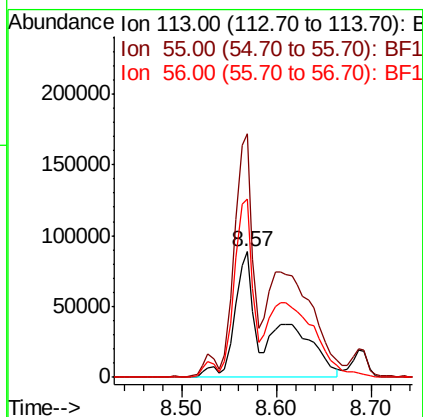
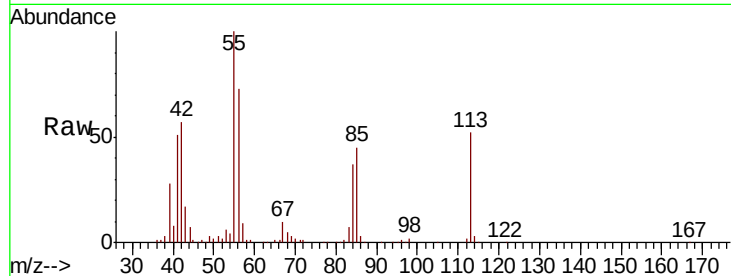
#35
Caprolactam
Concen: 45.329 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	193.8		183.5	223.5	
56	141.7		128.8	168.8	

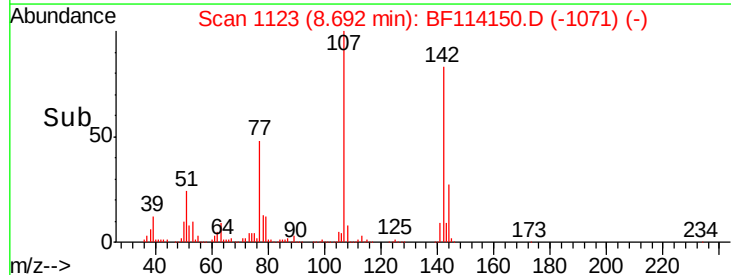
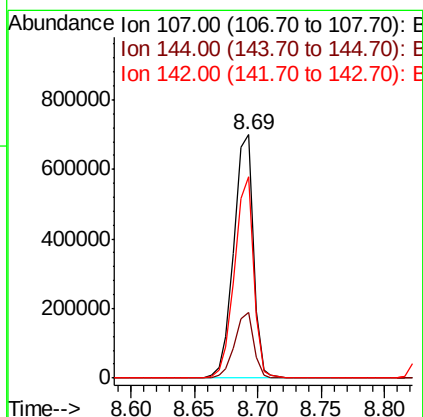
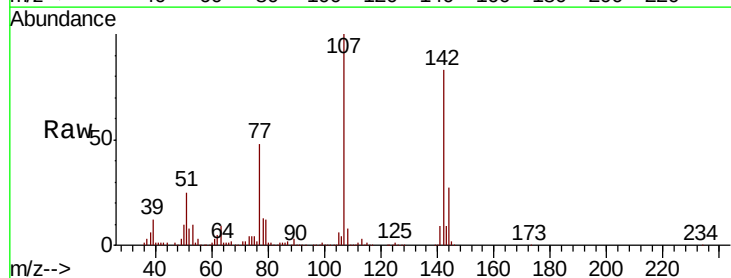
Manual Integrations
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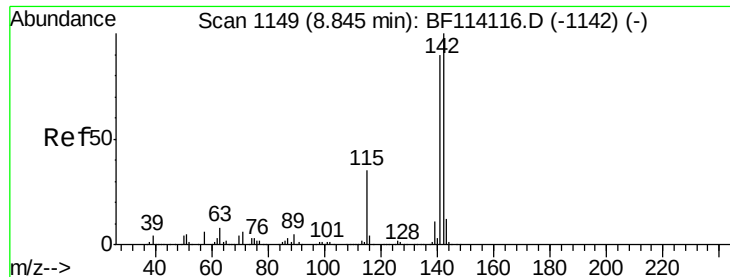
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 45.536 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.9		20.4	30.6	
142	82.6		64.2	96.4	





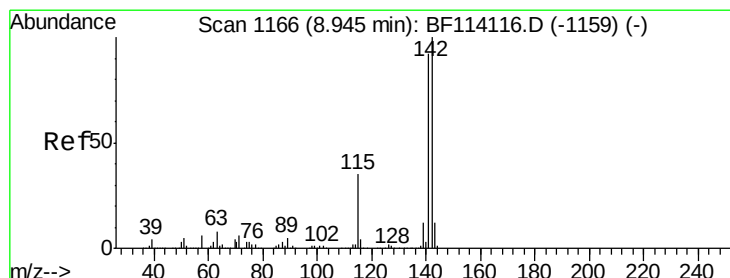
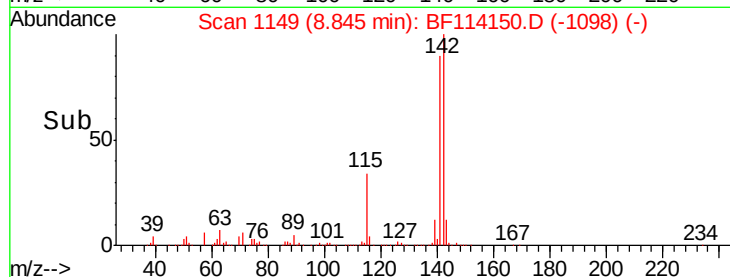
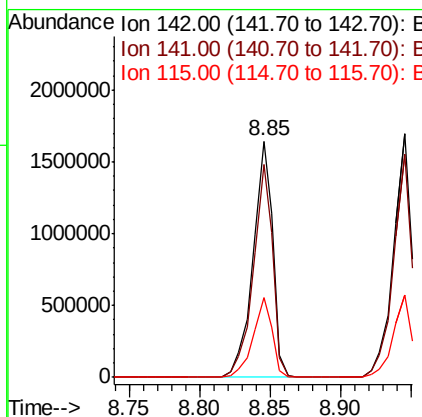
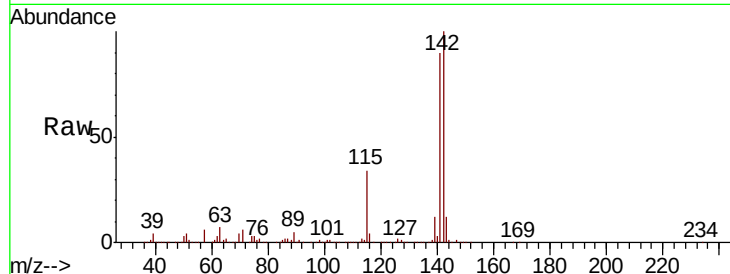
#37
2-Methylnaphthalene
Concen: 45.164 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion:142 Resp: 1617653
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1
115 33.8 28.0 42.0

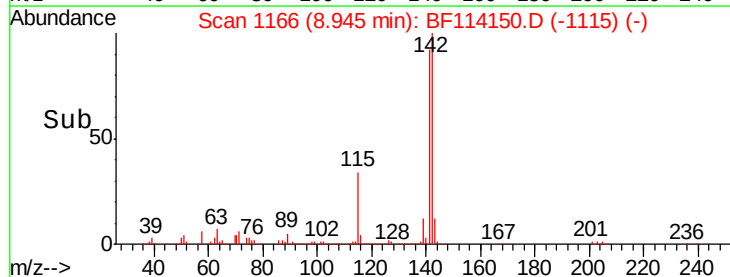
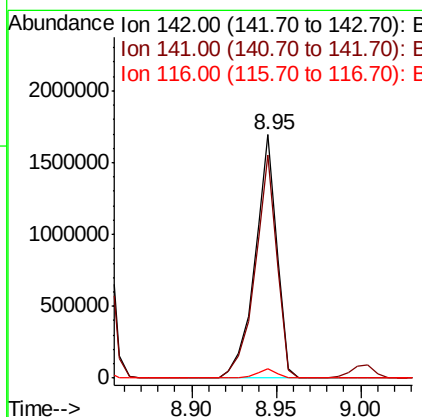
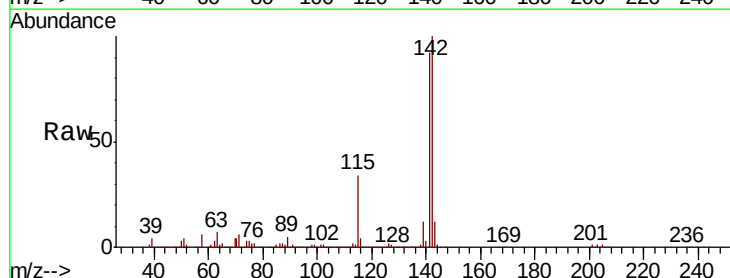
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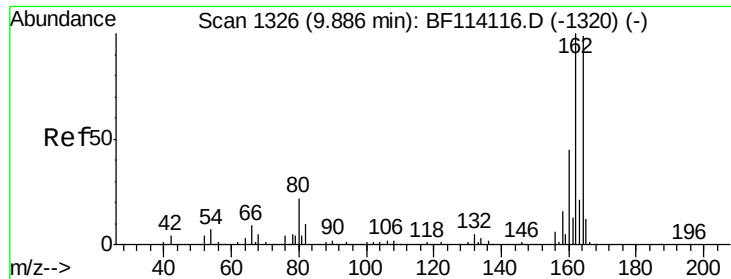
Sohil
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#38
1-Methylnaphthalene
Concen: 45.036 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion:142 Resp: 1519077
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.0
116 3.6 3.1 4.7





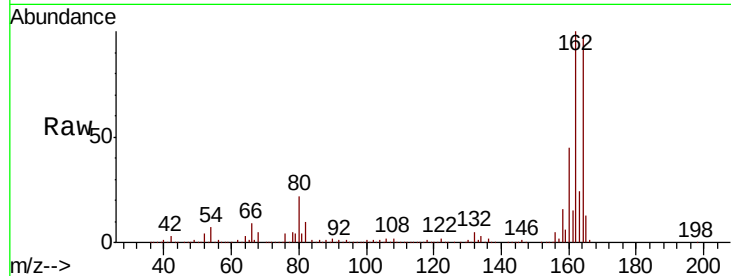
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	80.6	120.8	
160	46.3	36.5	54.7	

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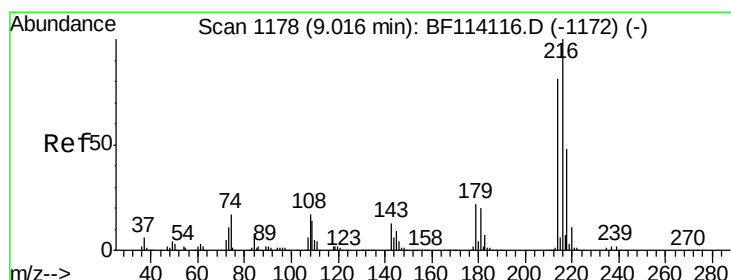
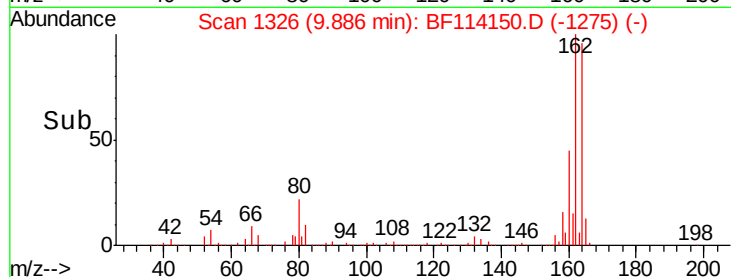
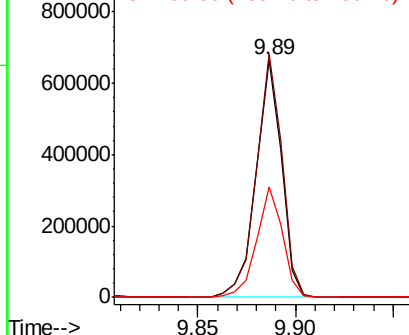


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.304 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.9	95.9	
179	20.7	17.0	25.6	
108	20.2	14.8	22.2	

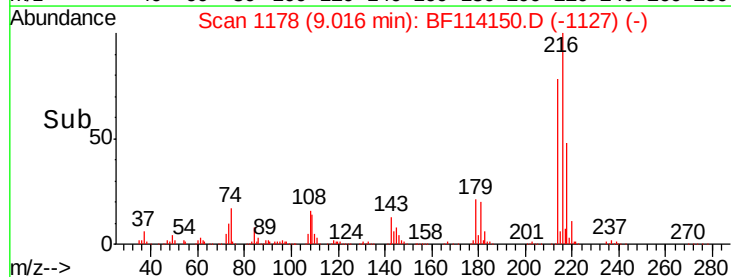
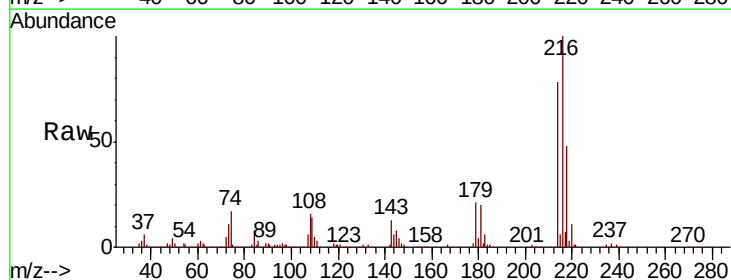
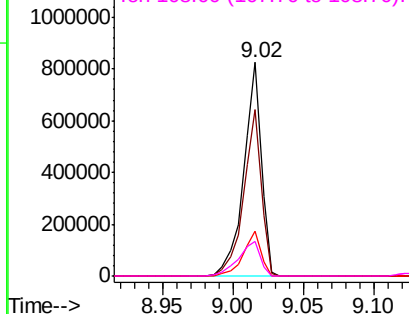
Abundance

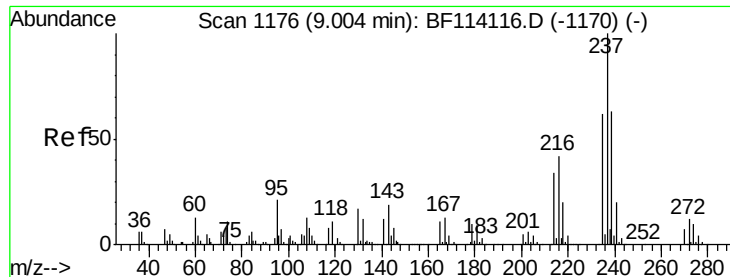
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 80.489 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

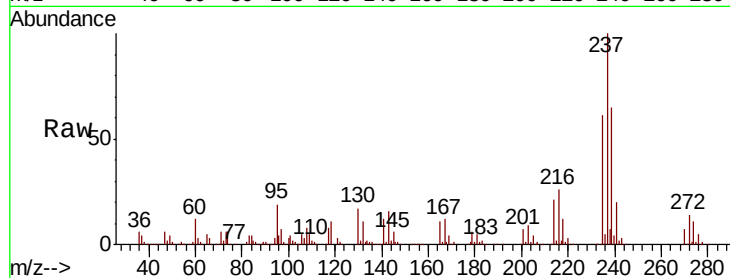
ClientSampleId :

PB119622BS

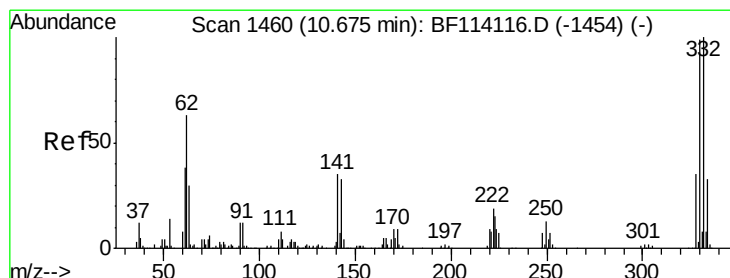
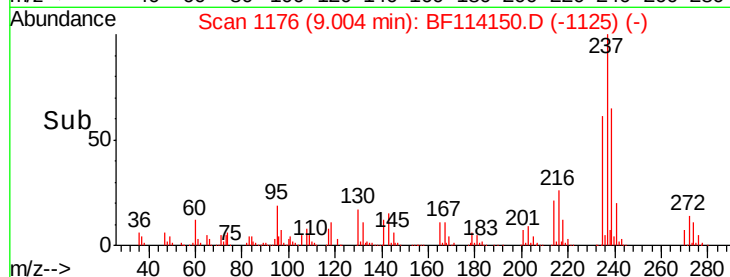
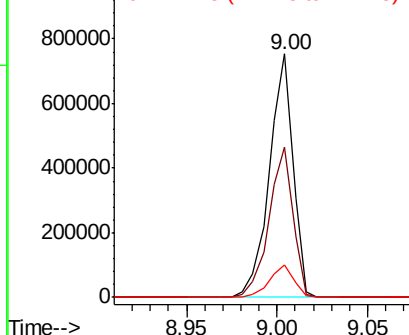
Tot Ion:	237	Resp:	683924
Ion Ratio	Lower	Upper	
237	100		
235	61.5	42.0	82.0
272	13.5	0.0	32.4

Manual Integrations
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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: 119.993 ng

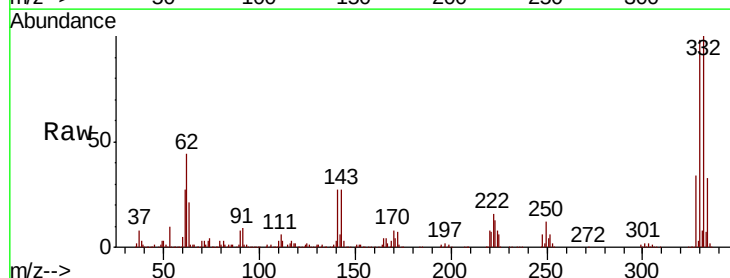
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

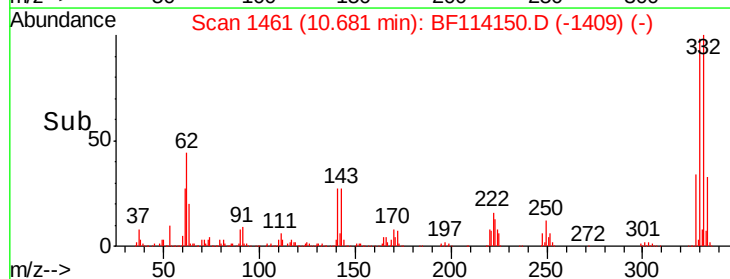
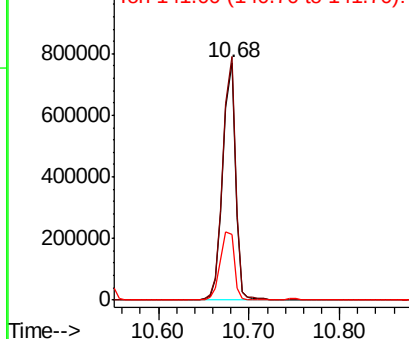
Lab File: BF114150.D

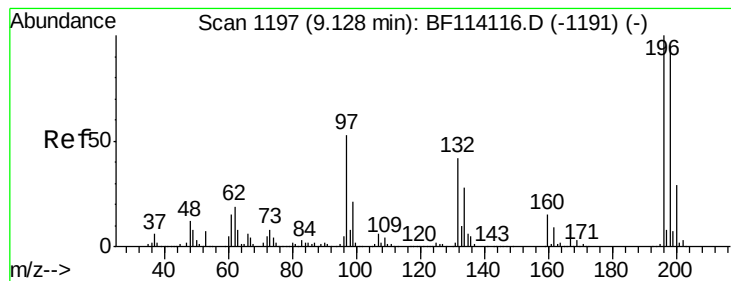
Acq: 11 May 2019 12:04

Tgt Ion:	330	Resp:	746655
Ion Ratio	Lower	Upper	
330	100		
332	102.7	81.4	122.2
141	31.8	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: 39.820 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

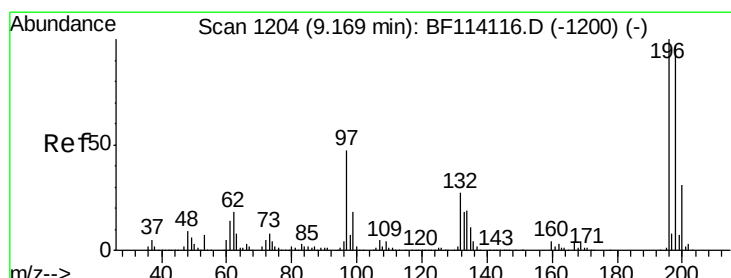
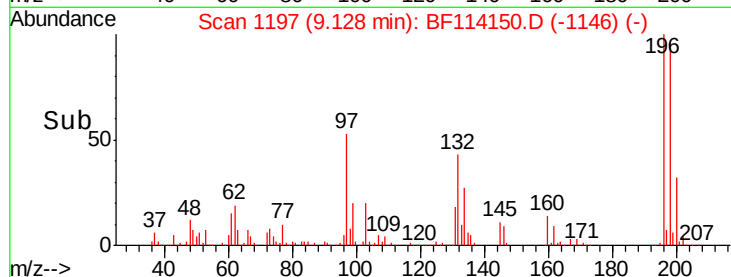
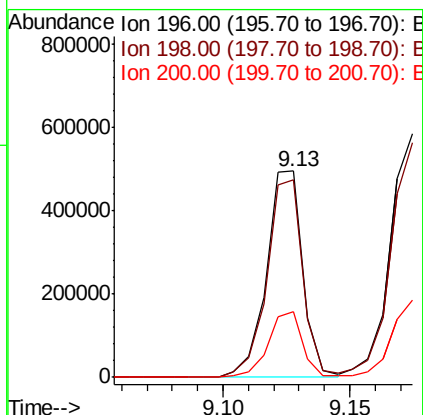
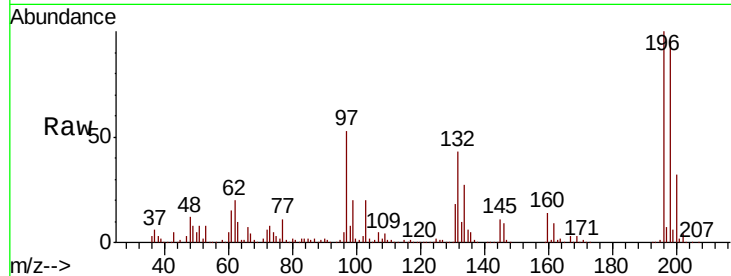
ClientSampled :

PB119622BS

Tot Ion:	196	Resp:	499379
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.9	113.9
200	31.9	23.5	35.3

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#44

2,4,5-Trichlorophenol

Concen: 41.563 ng

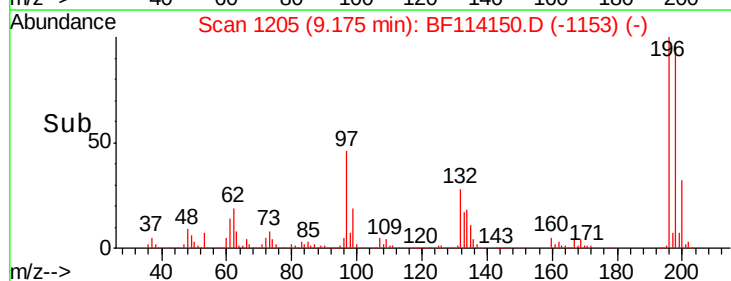
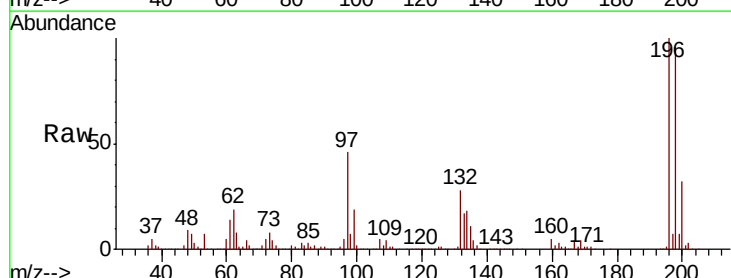
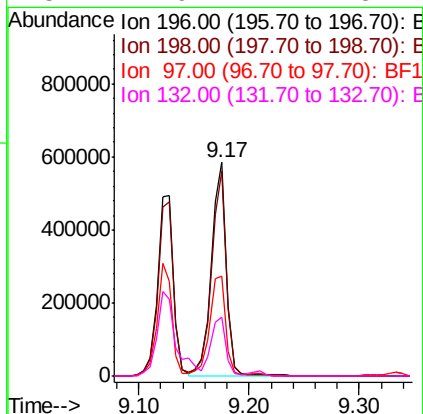
RT: 9.17 min Scan# 1205

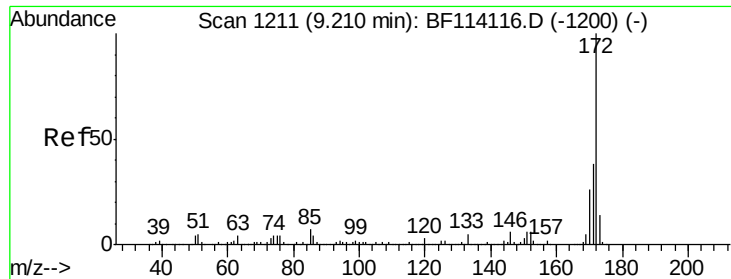
Delta R.T. 0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:	196	Resp:	534552
Ion Ratio	Lower	Upper	
196	100		
198	96.2	77.7	116.5
97	46.5	38.2	57.2
132	27.9	21.4	32.2





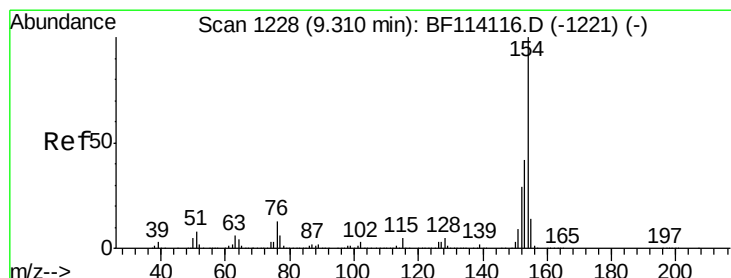
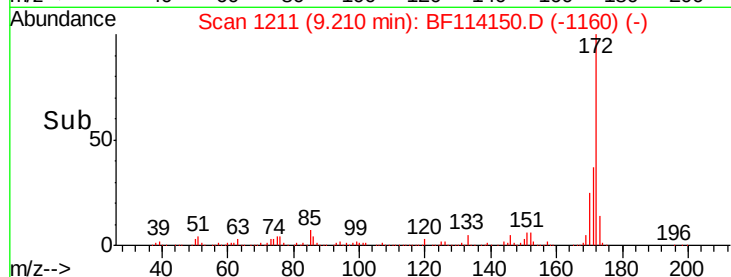
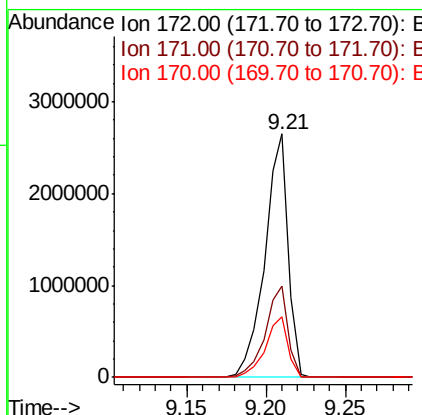
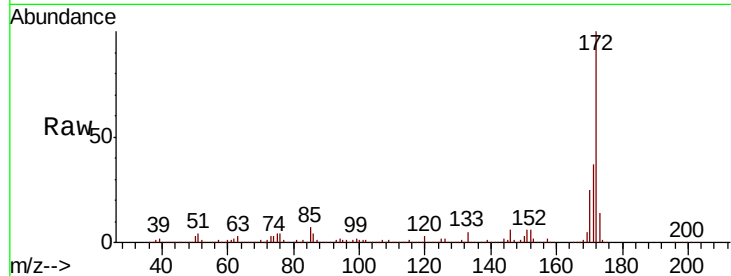
#45
2-Fluorobiphenyl
Concen: 68.460 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.7	46.1
170	25.1	20.5	30.7

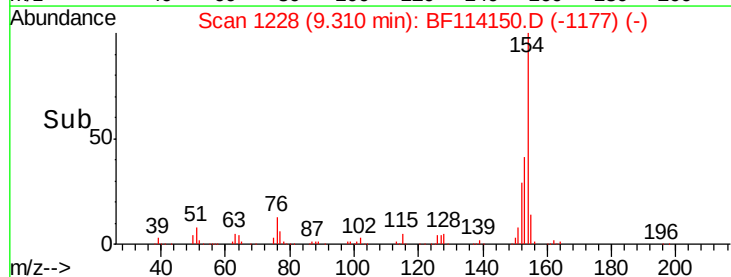
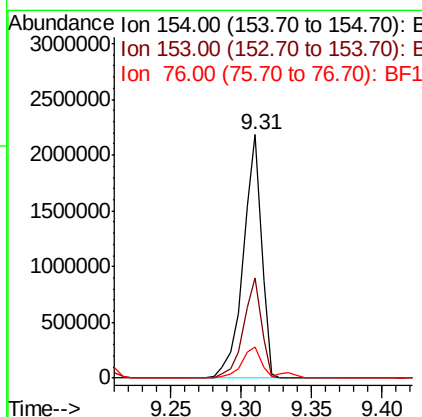
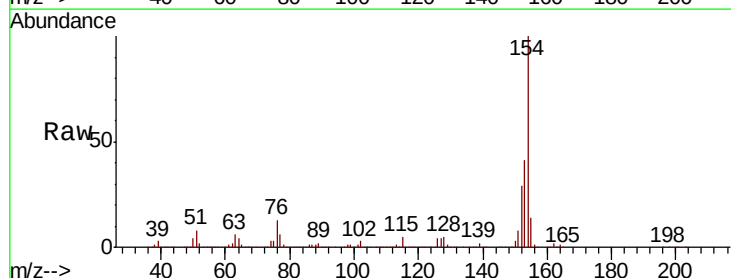
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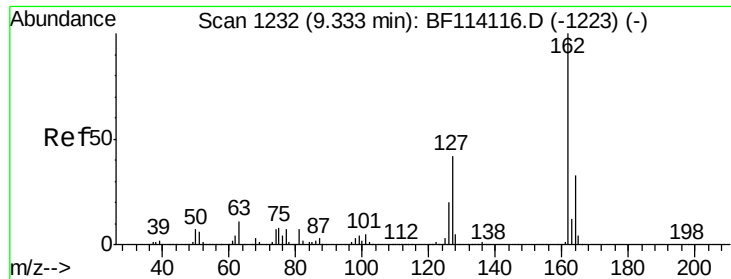
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#46
1,1'-Biphenyl
Concen: 40.428 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	21.9	61.9
76	13.0	0.0	32.8





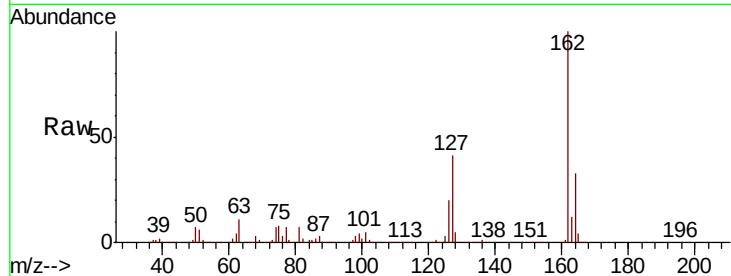
#47
 2-Chloronaphthalene
 Concen: 38.336 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BS

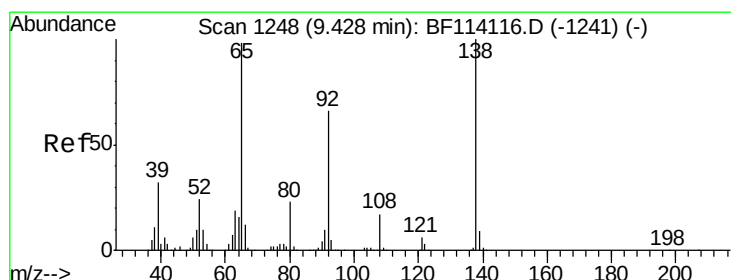
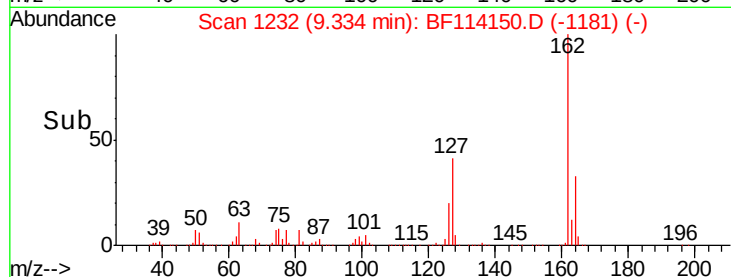
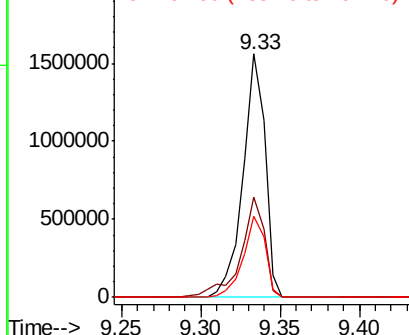
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.0	51.0
164	33.4	26.7	40.1

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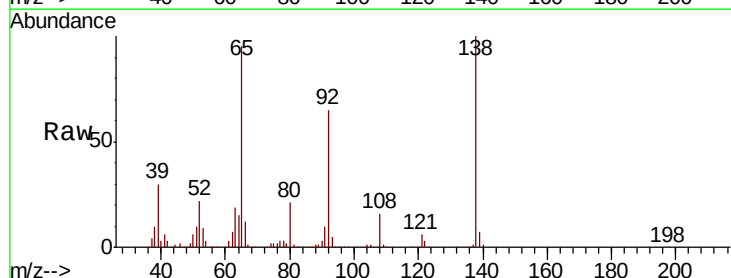


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

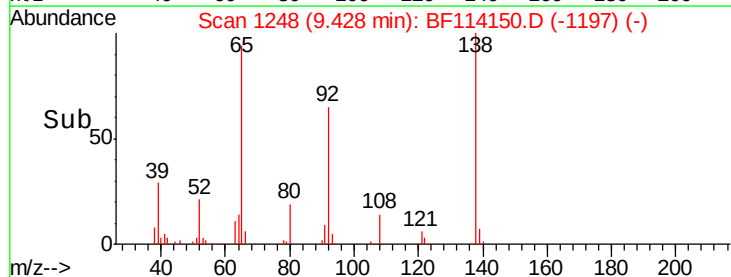
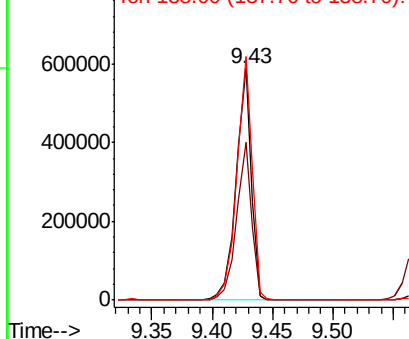


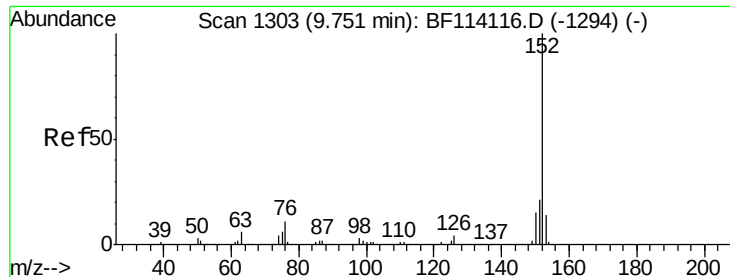
#48
 2-Nitroaniline
 Concen: 37.260 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.9	80.9
138	105.1	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: 41.164 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampleId :

PB119622BS

Tot Ion:152 Resp: 2449997

Ion Ratio Lower Upper

152 100

151 21.0 16.8 25.2

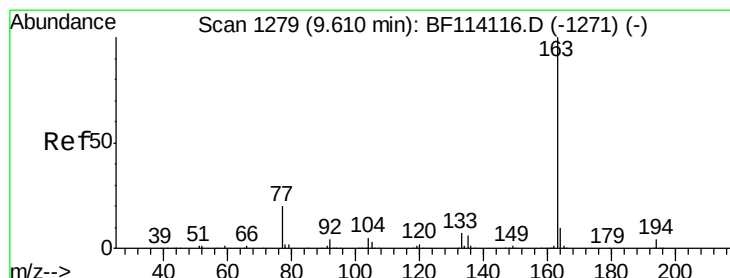
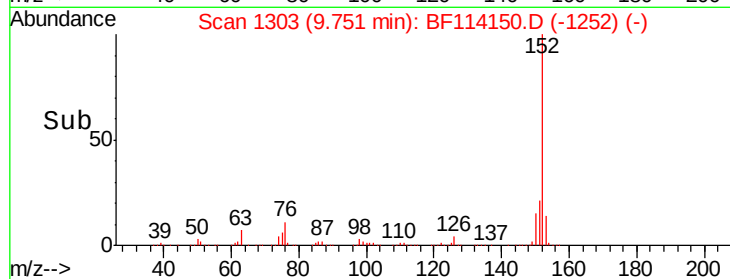
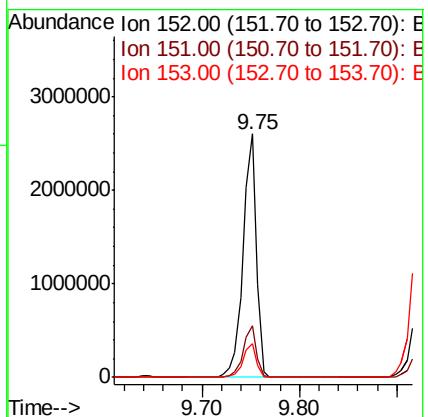
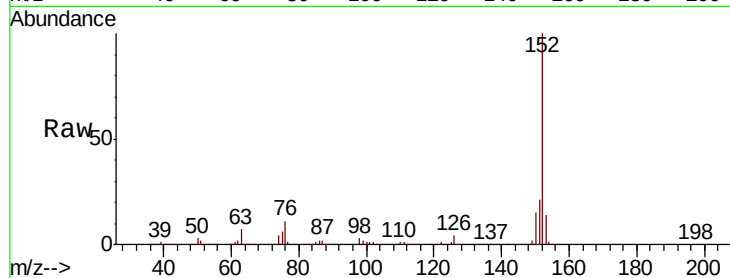
153 14.1 11.4 17.2

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#50

Dimethylphthalate

Concen: 39.085 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

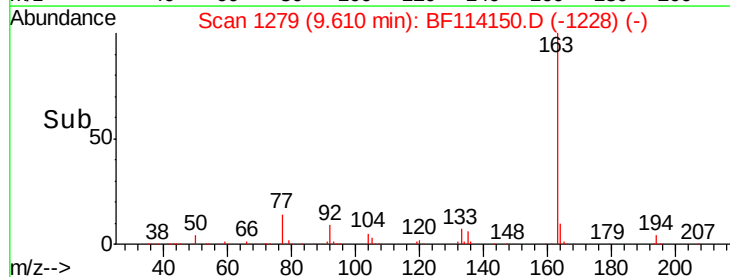
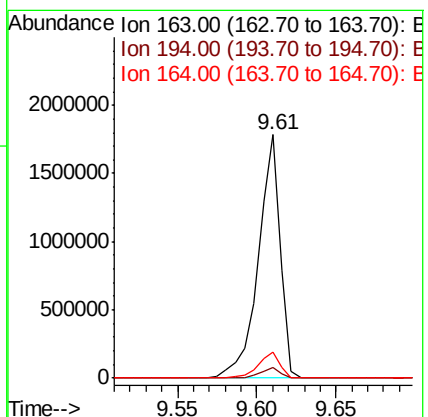
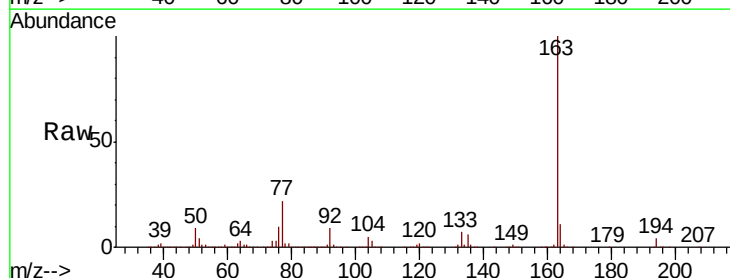
Tgt Ion:163 Resp: 1726926

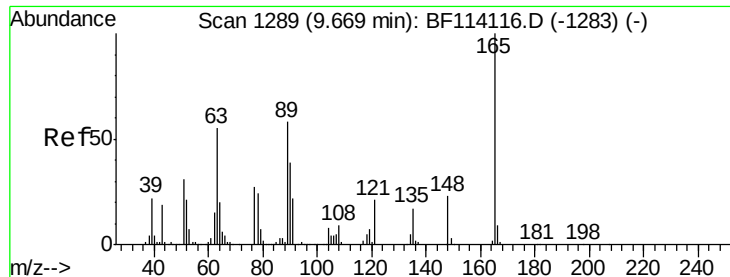
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

164 10.6 8.2 12.2





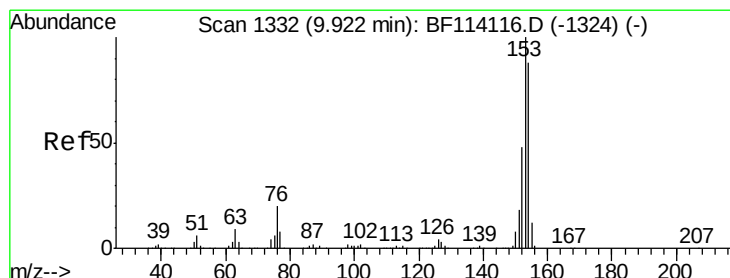
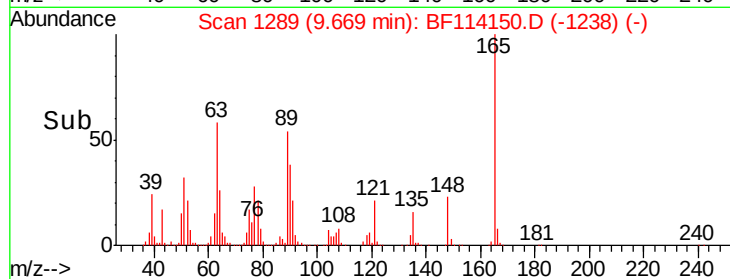
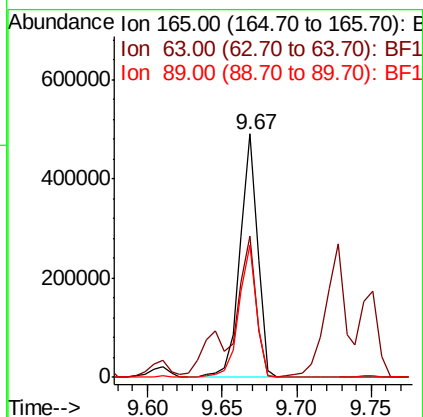
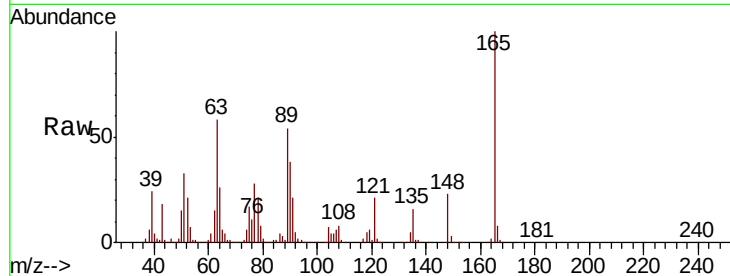
#51
2,6-Dinitrotoluene
Concen: 41.243 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	57.8	50.2	75.4
89	54.1	46.6	69.8

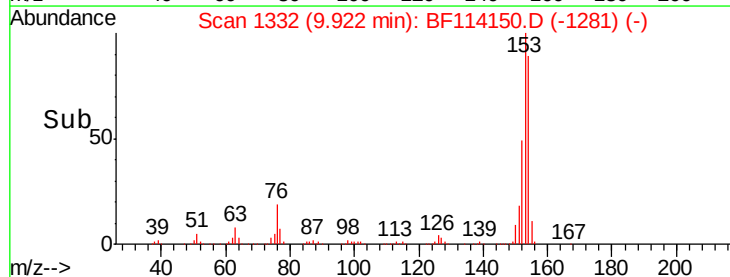
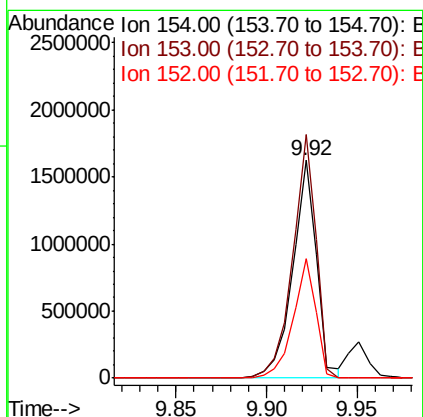
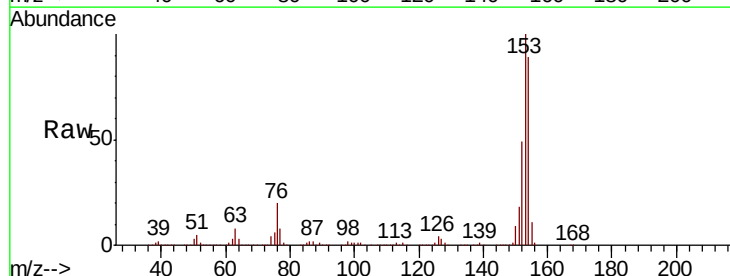
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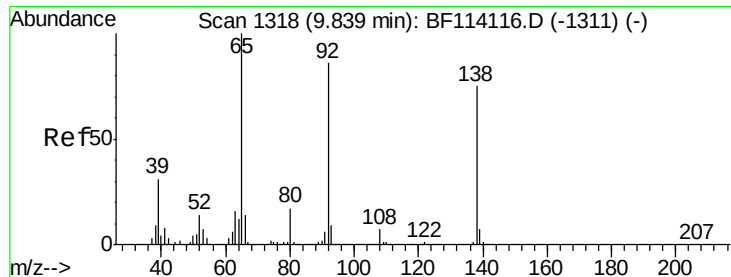
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#52
Acenaphthene
Concen: 41.046 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	90.5	135.7
152	55.1	43.4	65.2





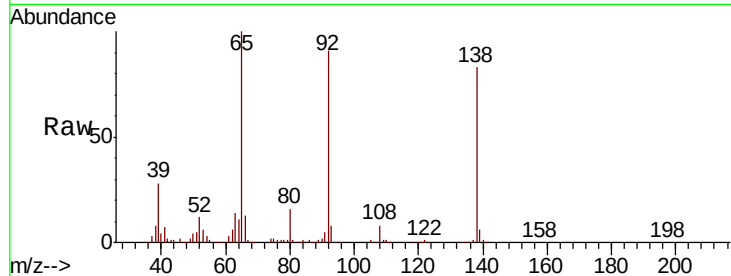
#53
3-Nitroaniline
Concen: 28.441 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampled :
PB119622BS

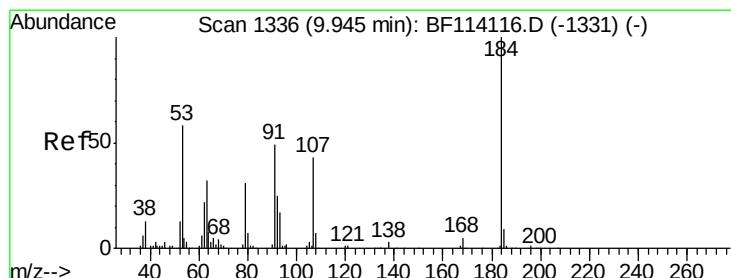
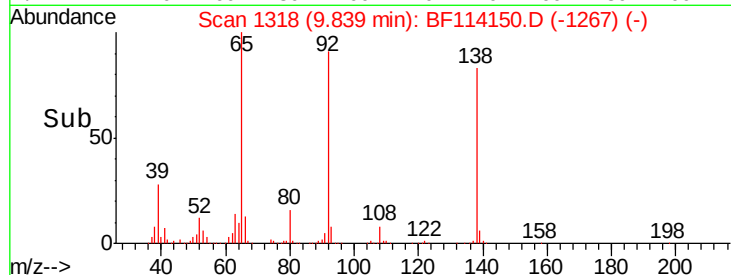
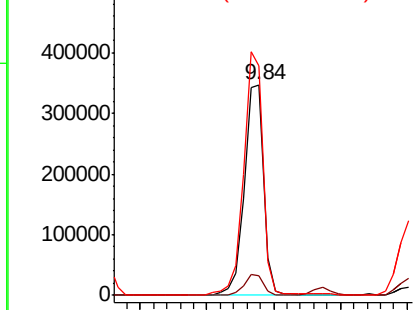
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.8	11.6
92	109.0	91.2	136.8

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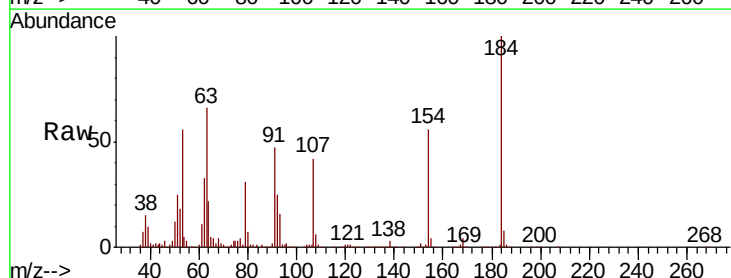


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

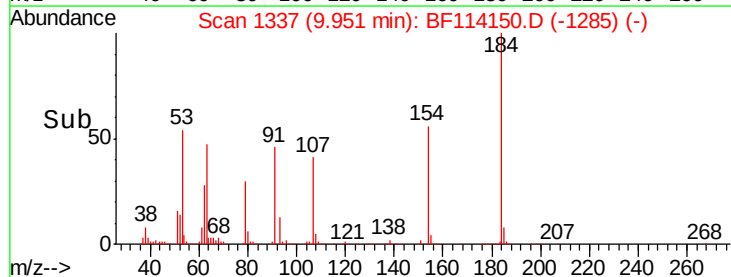
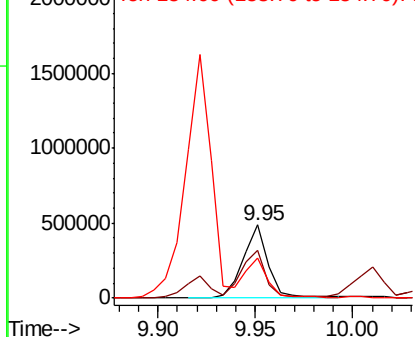


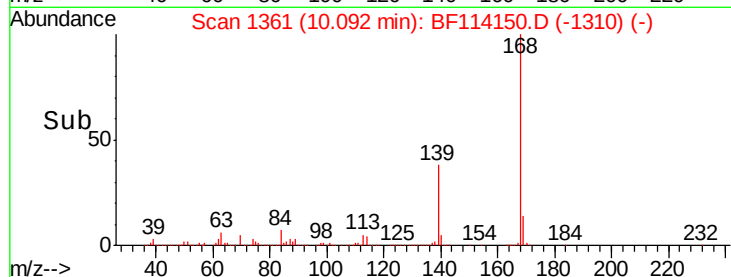
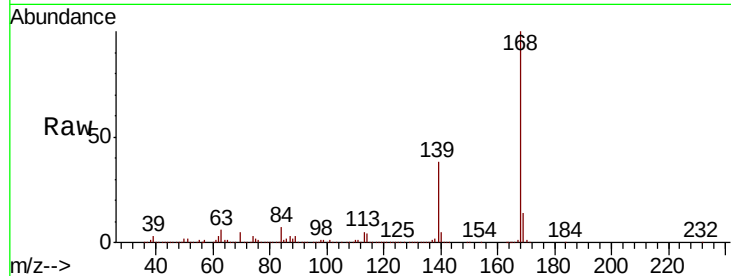
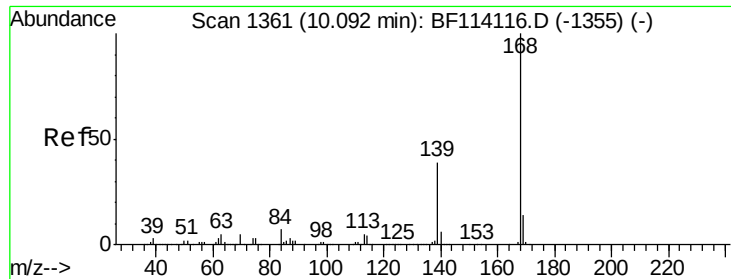
#54
2,4-Dinitrophenol
Concen: 87.567 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.0	55.6	83.4
154	55.6	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





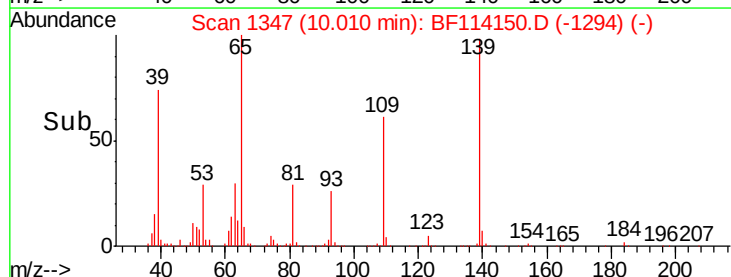
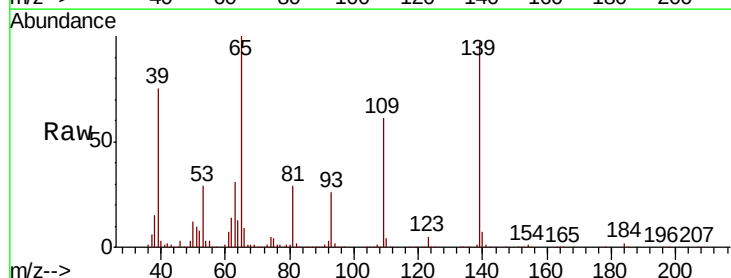
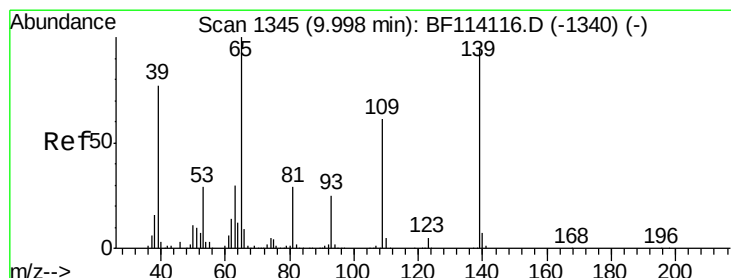
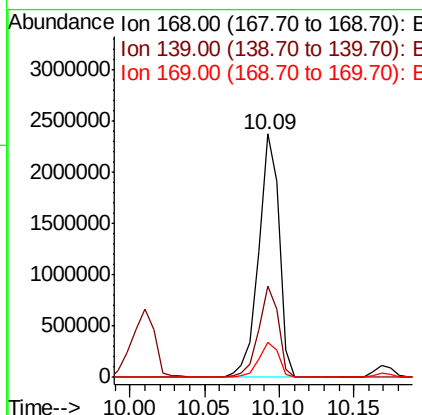
#55
Dibenzofuran
Concen: 41.460 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.1	46.7
169	14.4	11.4	17.0

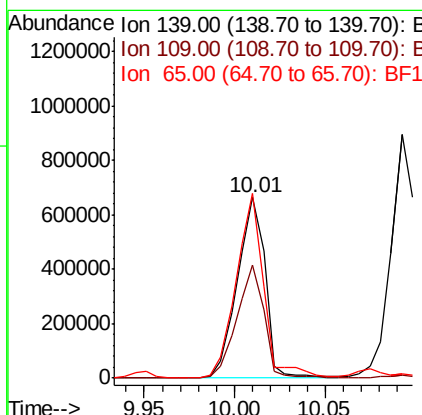
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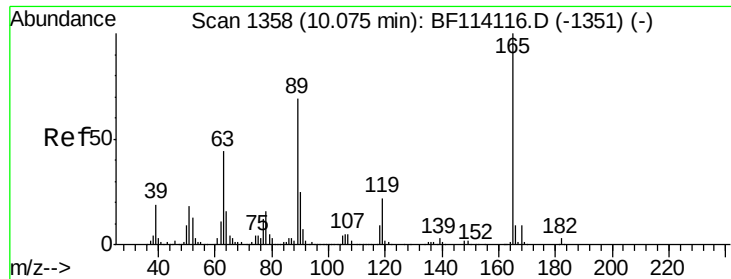
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#56
4-Nitrophenol
Concen: 82.310 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	43.9	83.9
65	102.6	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 42.540 ng

RT: 10.07 min Scan# 1358

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

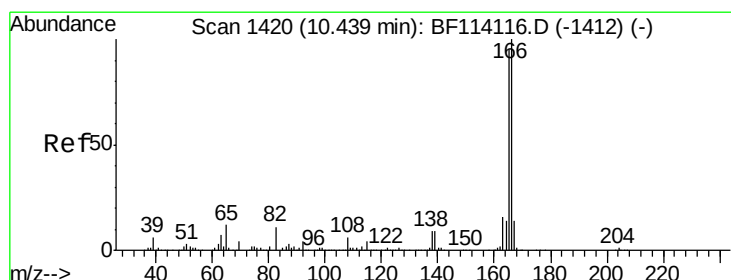
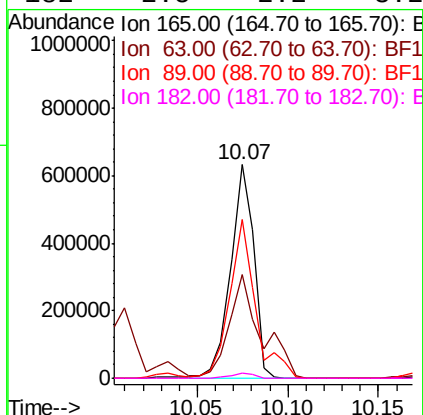
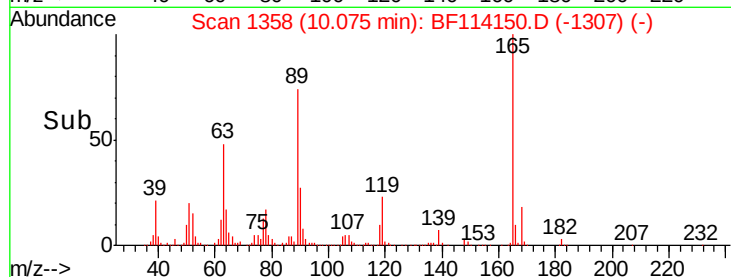
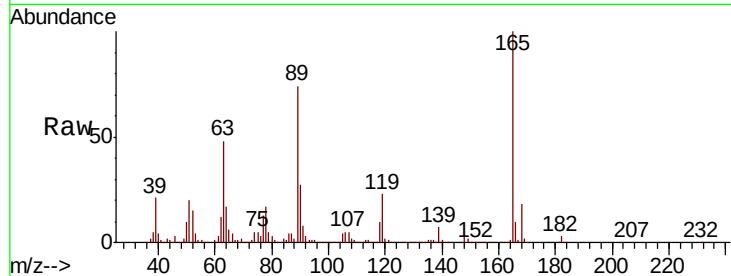
ClientSampleId :

PB119622BS

Tot Ion:	165	Resp:	565841
Ion Ratio	Lower	Upper	
165	100		
63	48.3	35.5	53.3
89	74.4	55.2	82.8
182	2.5	2.2	3.2

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#58

Fluorene

Concen: 40.888 ng

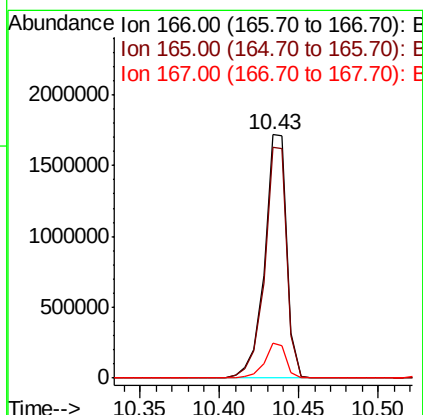
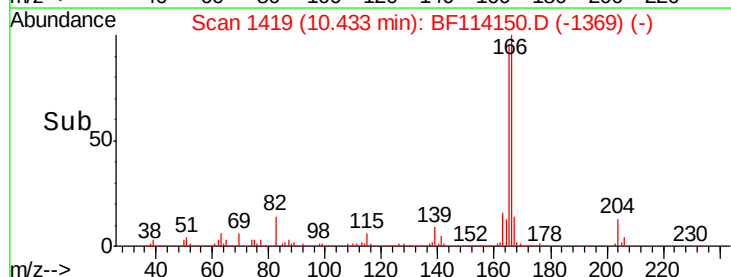
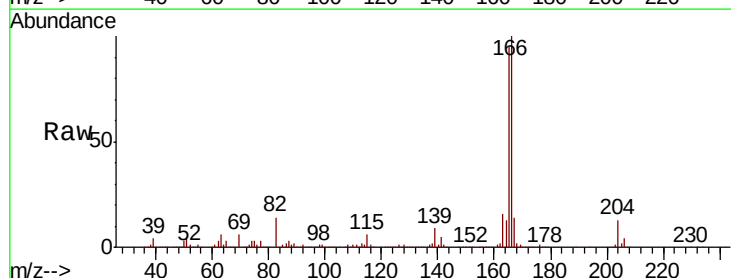
RT: 10.43 min Scan# 1419

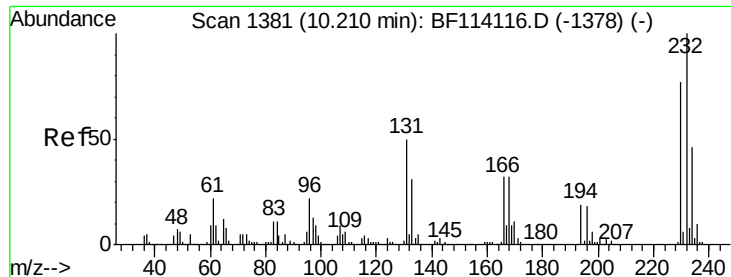
Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:	166	Resp:	1691404
Ion Ratio	Lower	Upper	
166	100		
165	94.5	76.1	114.1
167	14.1	11.1	16.7





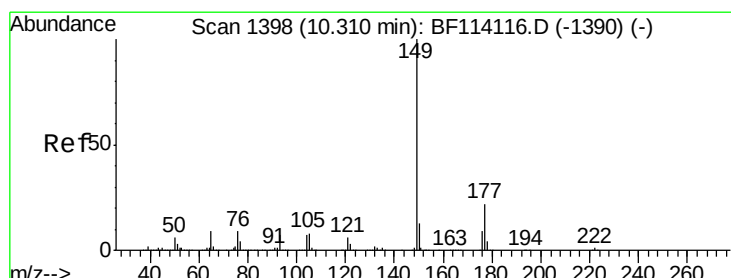
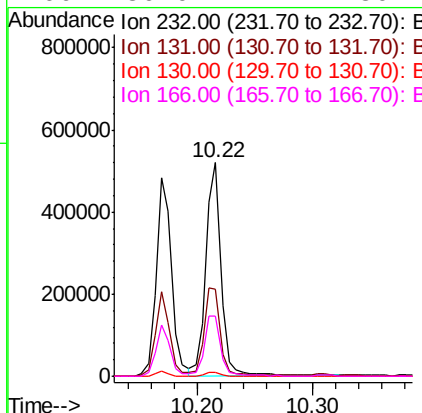
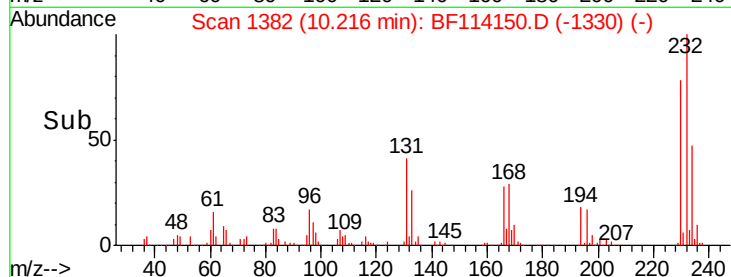
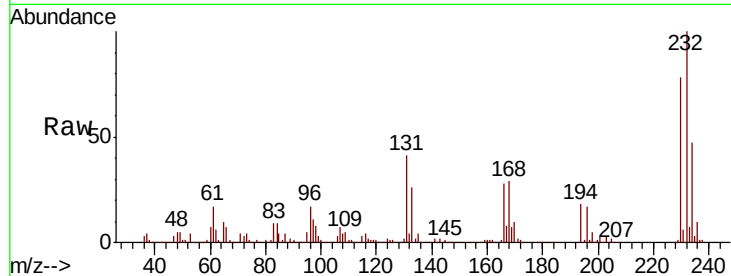
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.101 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	478300		
131	45.3		35.6	53.4
130	2.2		1.6	2.4
166	30.0		24.1	36.1

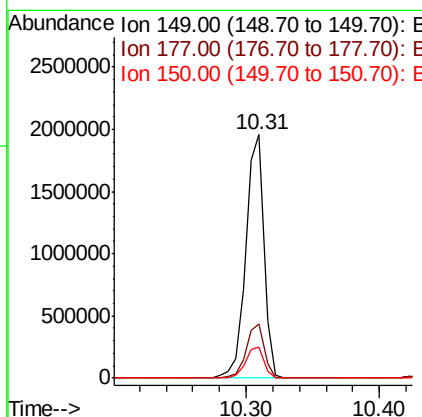
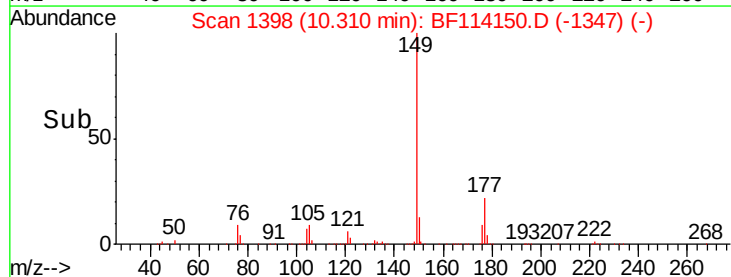
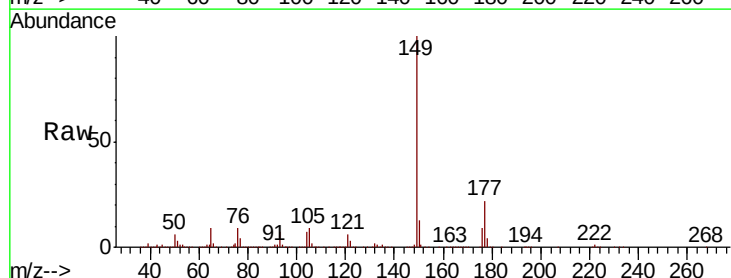
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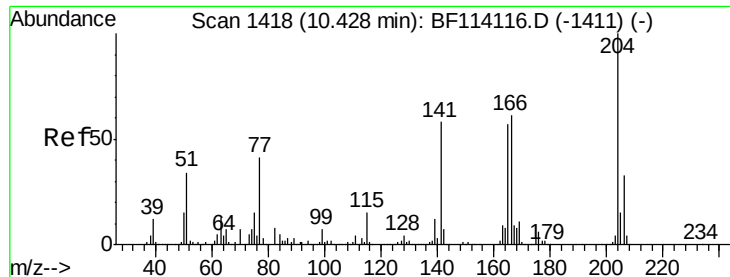
Sohil
5/13/2019 8:35:46 PM



#60
Diethylphthalate
Concen: 40.631 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1824093		
177	22.5		17.8	26.6
150	13.0		10.2	15.2





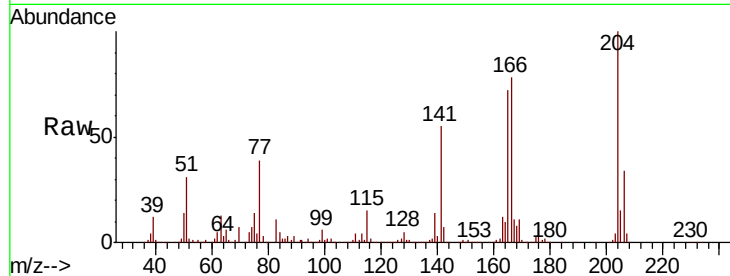
#61
 4-Chlorophenyl-phenylether
 Concen: 40.460 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BS

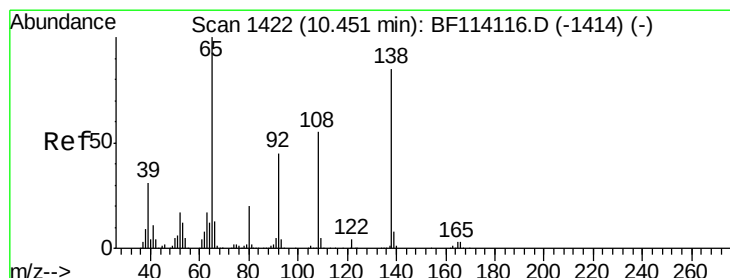
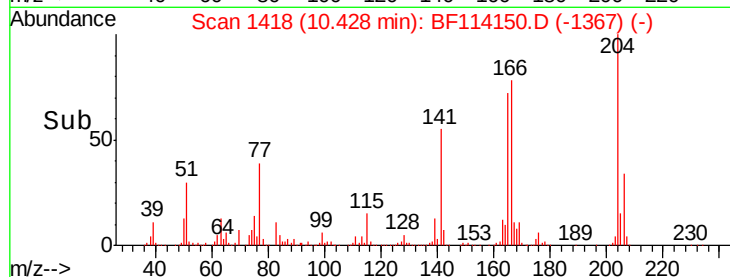
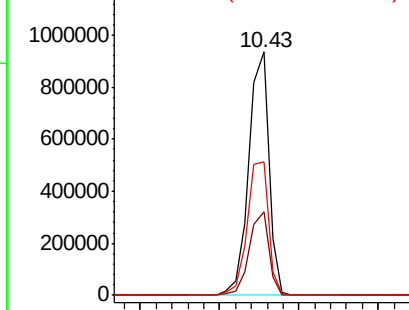
Tot Ion:	204	Resp:	822034
Ion Ratio	Lower	Upper	
204	100		
206	34.1	26.6	39.8
141	55.0	46.4	69.6

Manual Integrations
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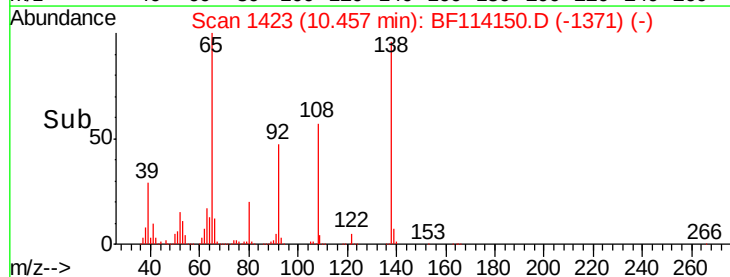
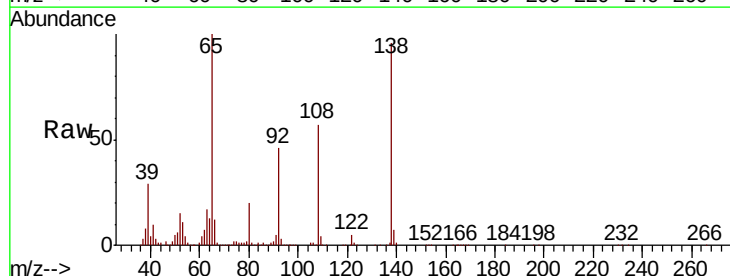
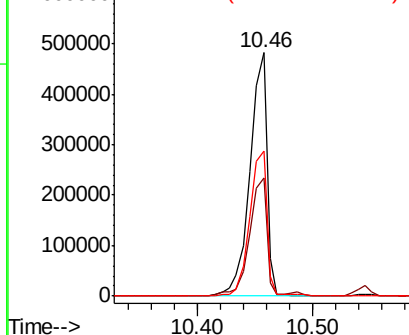
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

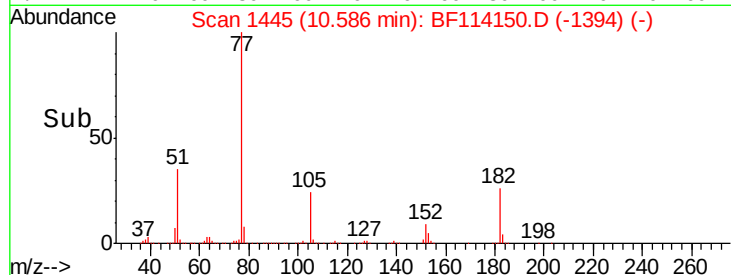
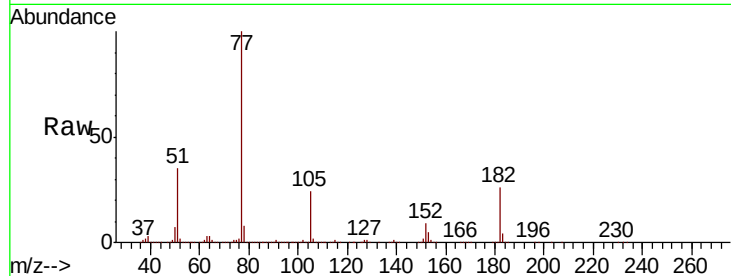
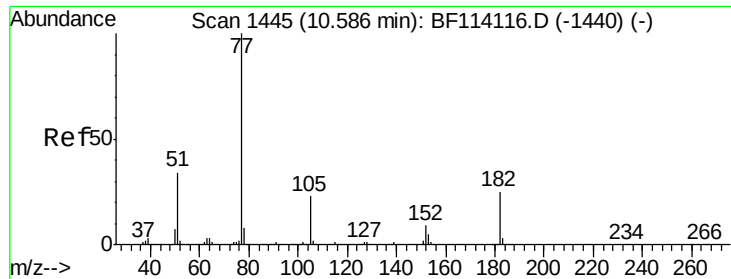


#62
 4-Nitroaniline
 Concen: 38.878 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Tgt Ion:	138	Resp:	496985
Ion Ratio	Lower	Upper	
138	100		
92	48.5	33.0	73.0
108	59.8	44.9	84.9

Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





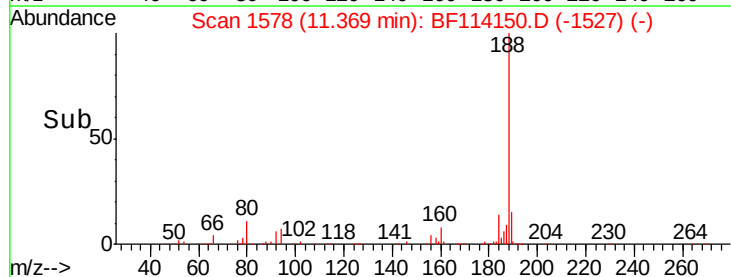
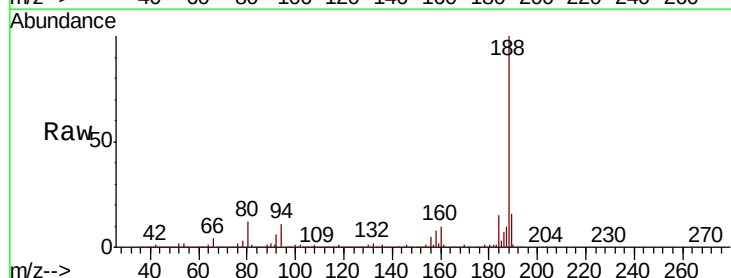
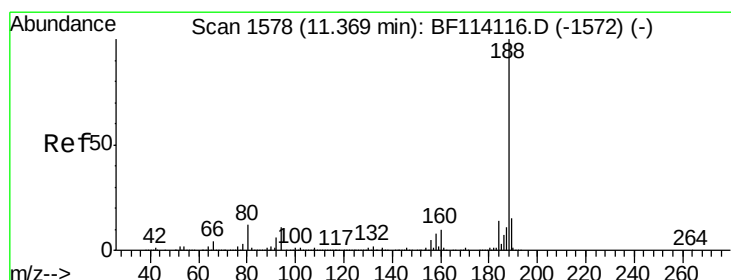
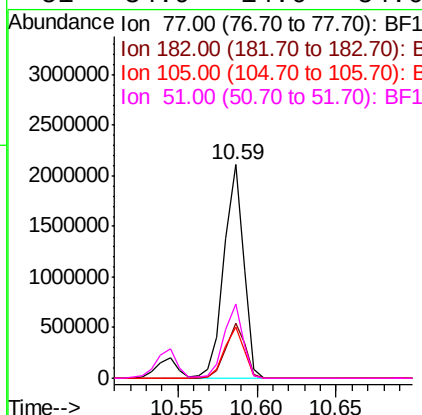
#63
Azobenzene
Concen: 41.875 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.6	4.7	44.7	
105	23.8	2.9	42.9	
51	34.9	14.6	54.6	

Instrument :
BNA_F
ClientSampleId :
PB119622BS

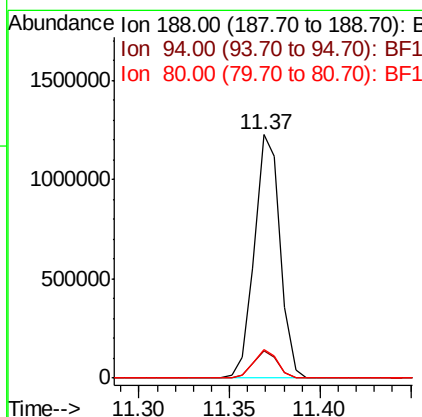
Manual Integrations
APPROVED

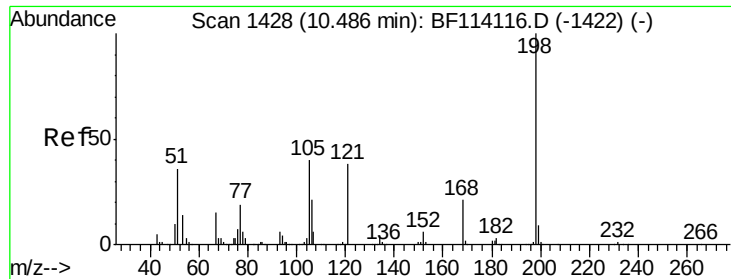
Sohil
5/13/2019 8:35:46 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	11.3	8.4	12.6	
80	11.8	9.2	13.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 47.979 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

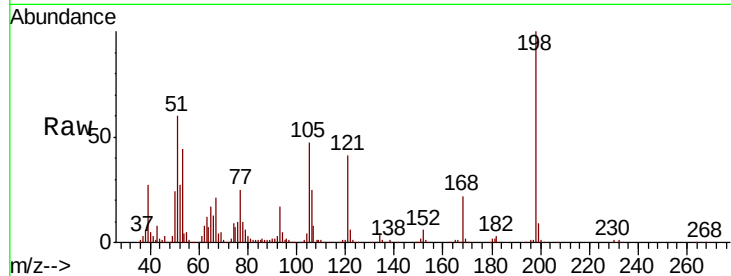
ClientSampled :

PB119622BS

Tot Ion:	198	Resp:	277823
Ion Ratio	Lower	Upper	
198	100		
51	60.4	28.0	68.0
105	47.0	21.1	61.1

Manual Integrations
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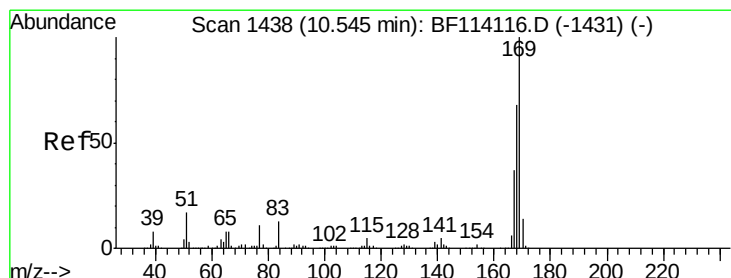
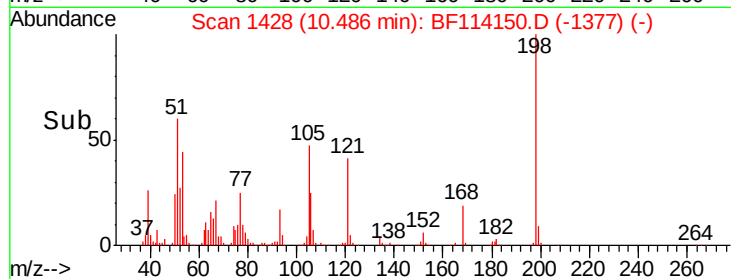
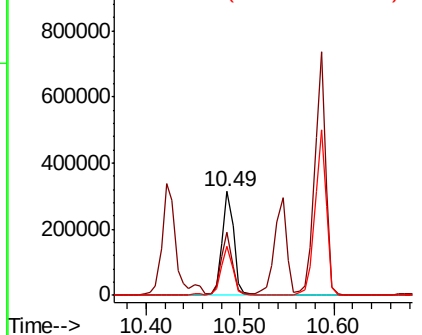
Sohil
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.090 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF114150.D

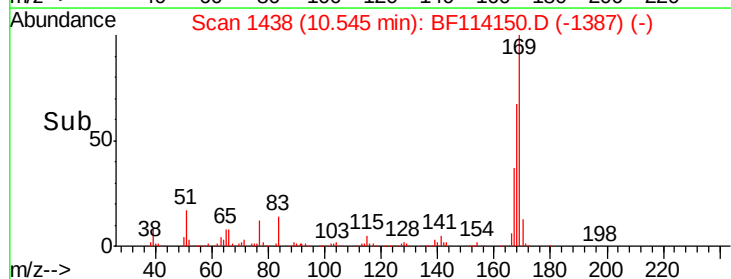
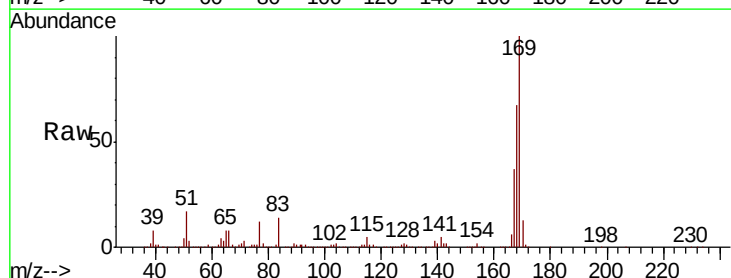
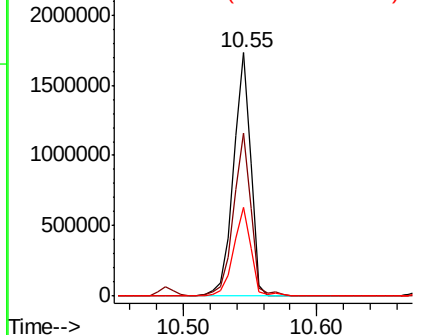
Acq: 11 May 2019 12:04

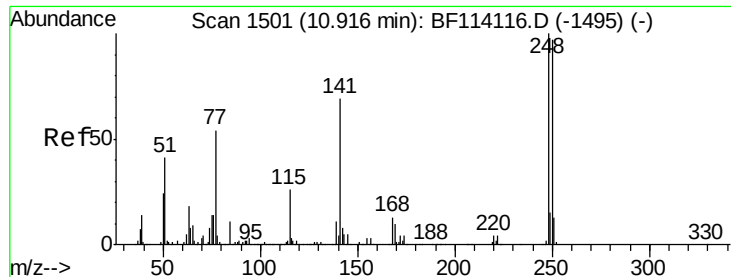
Tgt Ion:	169	Resp:	1576005
Ion Ratio	Lower	Upper	
169	100		
168	67.0	54.2	81.2
167	36.6	29.8	44.8

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





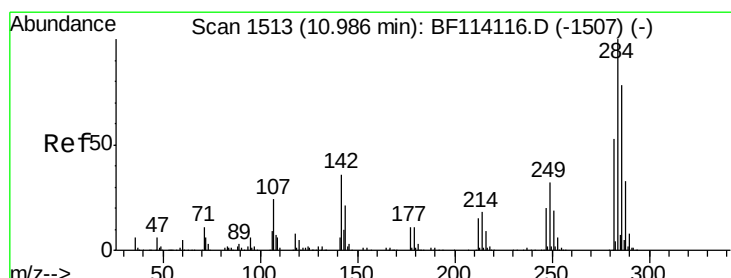
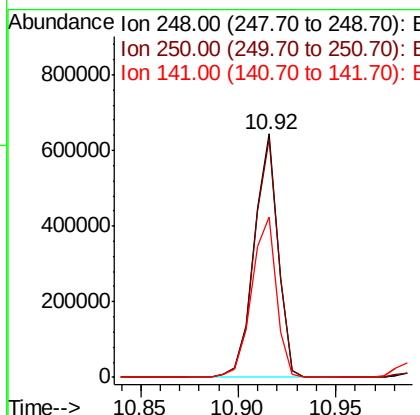
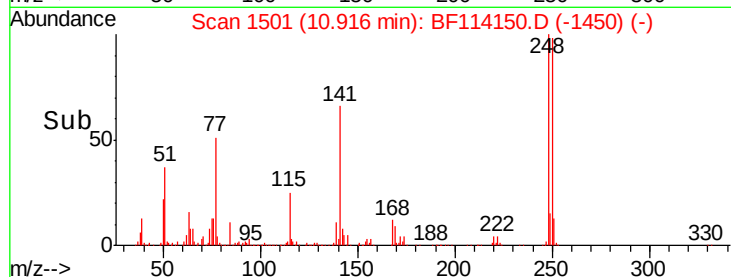
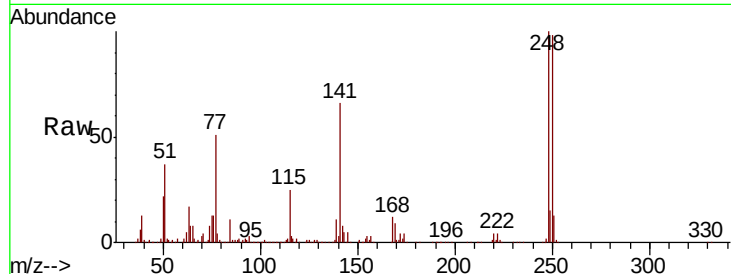
#67
4-Bromophenyl-phenylether
Concen: 41.084 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.4	116.2
141	65.9	55.6	83.4

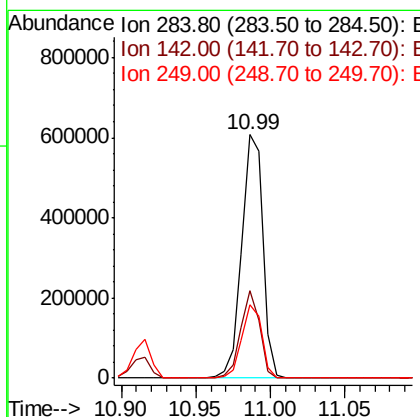
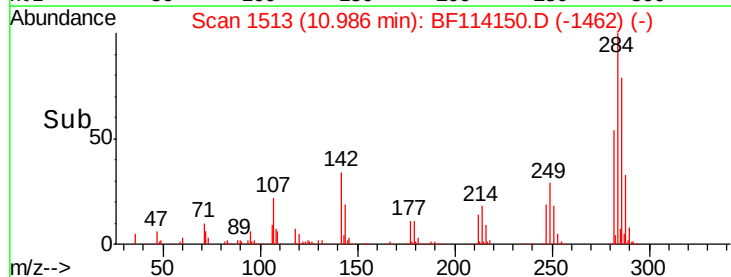
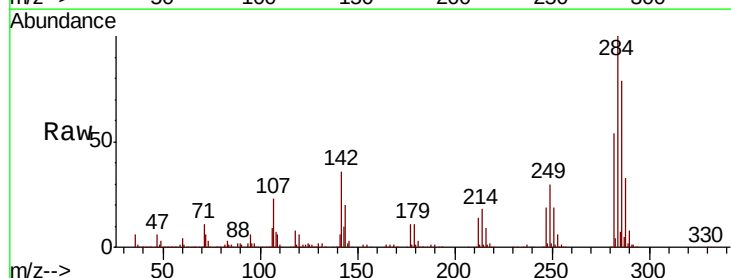
Manual Integrations
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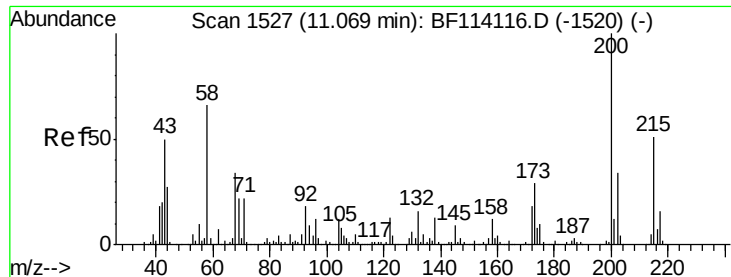
Sohil
5/13/2019 8:35:46 PM



#68
Hexachlorobenzene
Concen: 40.753 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	28.4	42.6
249	30.2	25.2	37.8





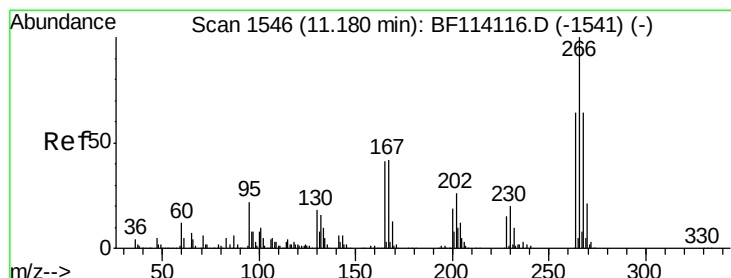
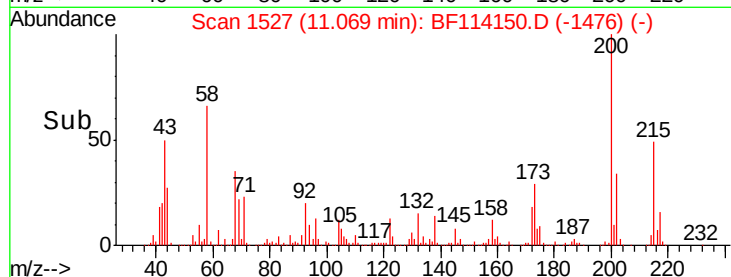
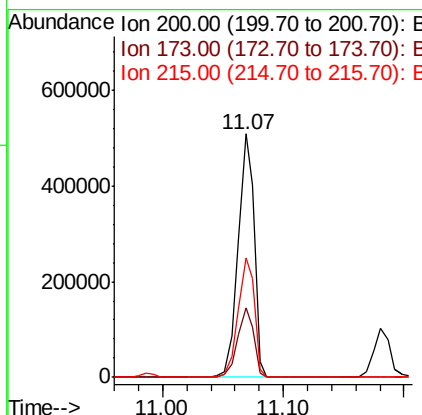
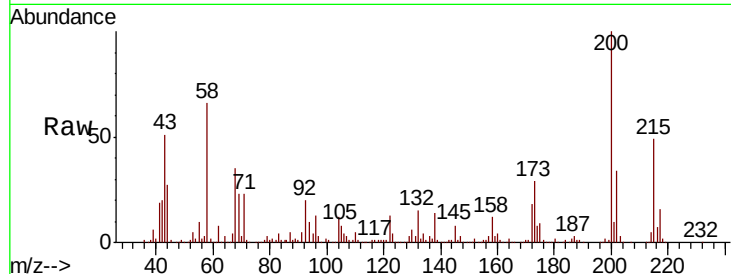
#69
 Atrazine
 Concen: 41.560 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	473029		
173	28.7	8.9	48.9	
215	49.1	30.7	70.7	

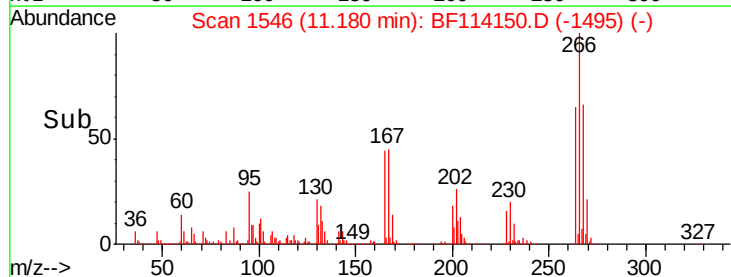
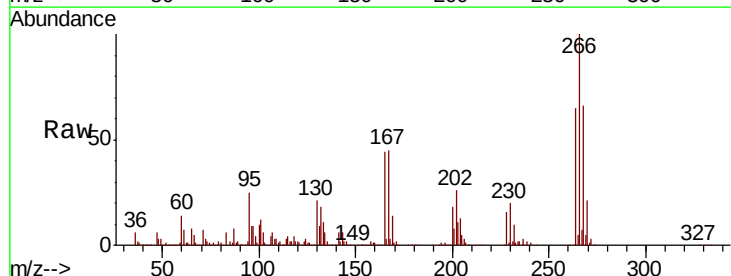
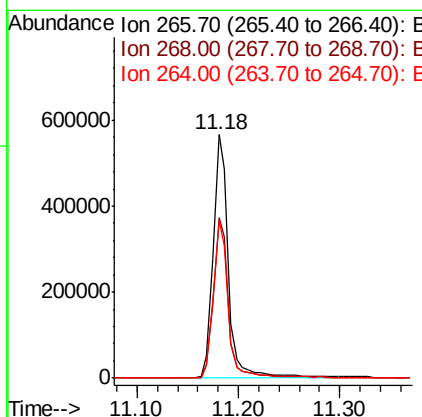
Manual Integrations
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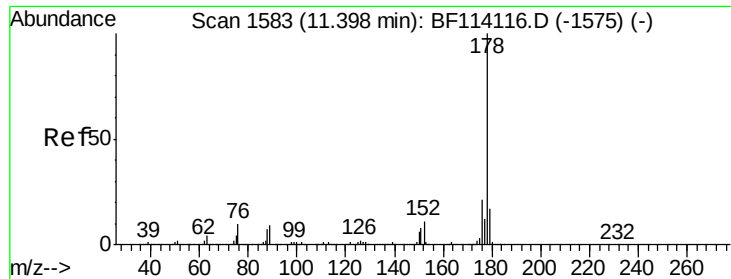
Sohil
 5/13/2019 8:35:46 PM



#70
 Pentachlorophenol
 Concen: 85.837 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	597267		
268	65.9	51.1	76.7	
264	64.9	51.1	76.7	





#71

Phenanthrene

Concen: 41.311 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampleId :

PB119622BS

Tot Ion:178 Resp: 2421991

Ion Ratio Lower Upper

178 100

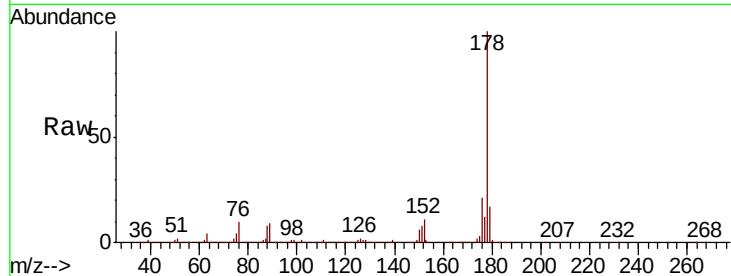
176 20.7 16.4 24.6

179 16.8 13.2 19.8

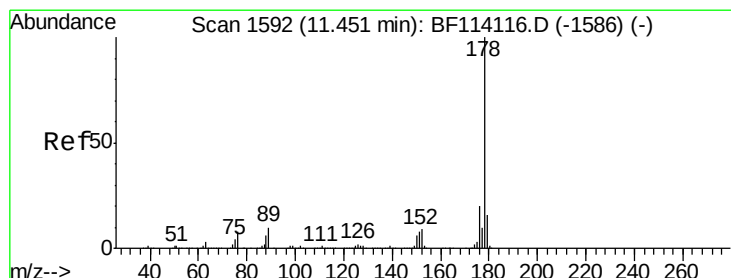
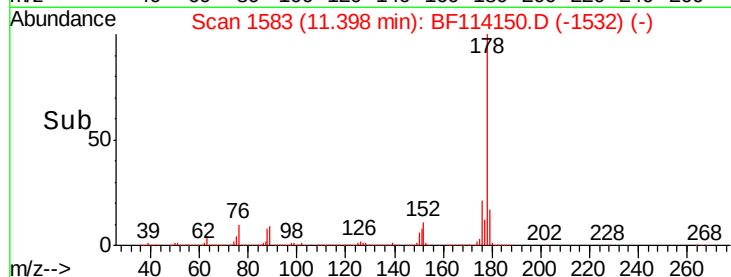
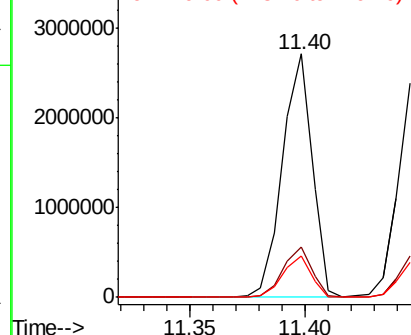
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.037 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:178 Resp: 2534322

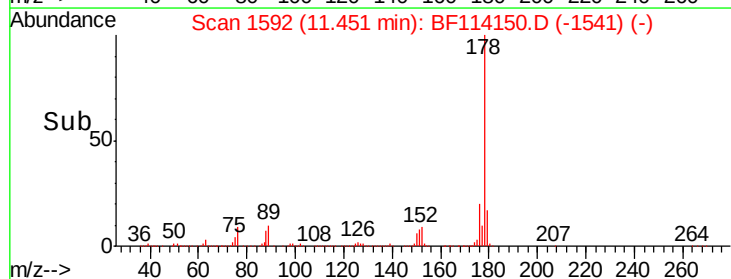
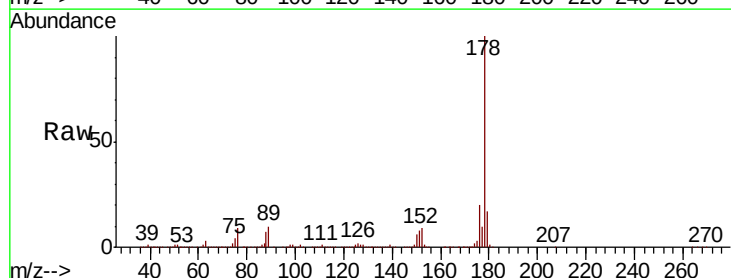
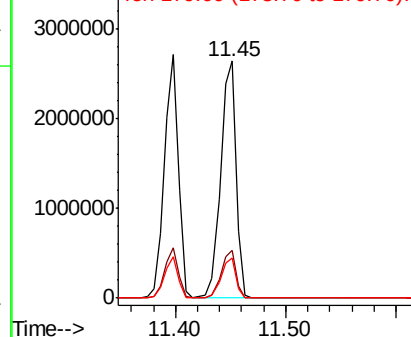
Ion Ratio Lower Upper

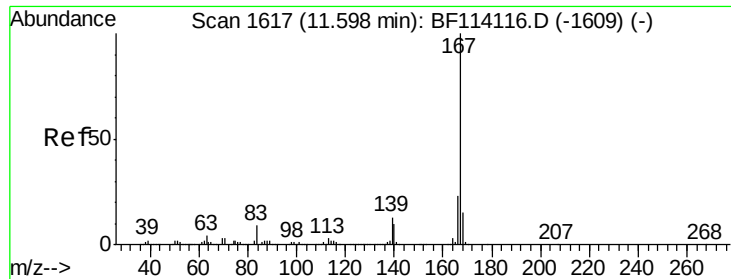
178 100

176 20.3 15.8 23.8

179 16.7 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





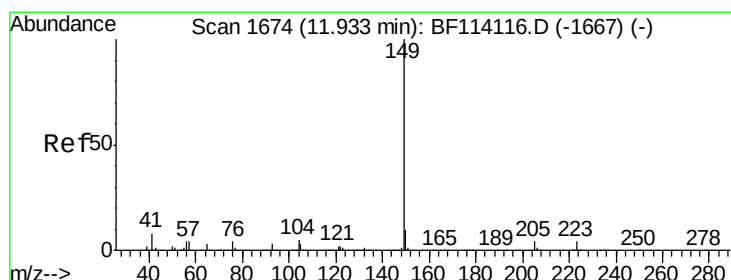
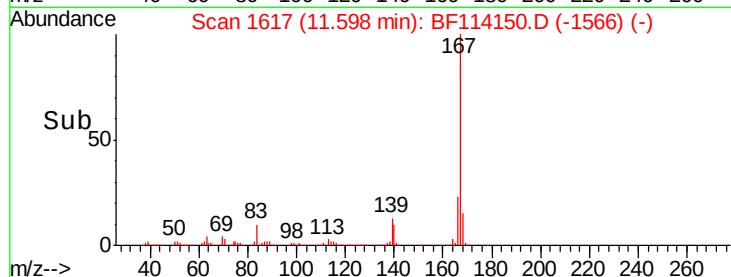
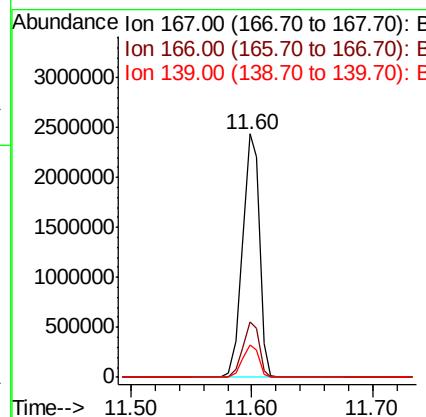
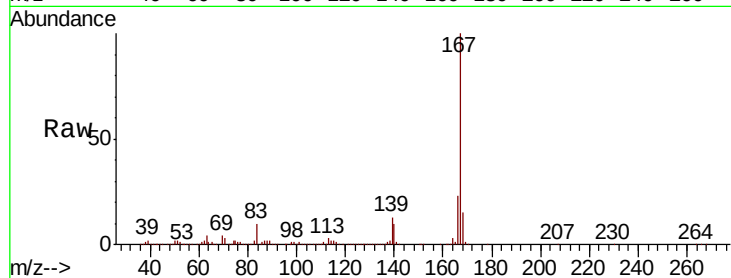
#73
 Carbazole
 Concen: 42.566 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.00 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.9	18.2	27.2	
139	13.5	10.6	16.0	

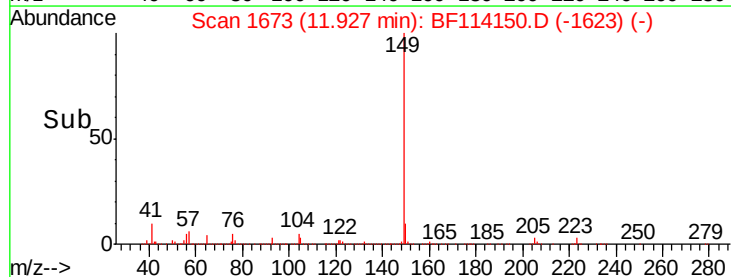
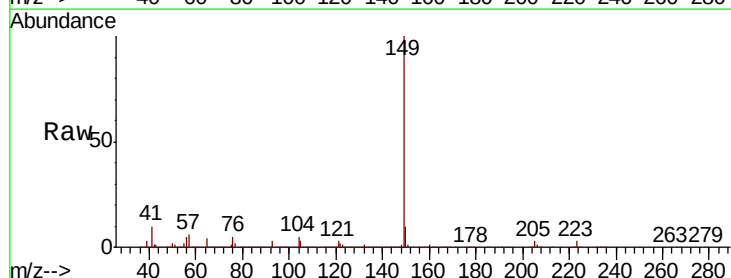
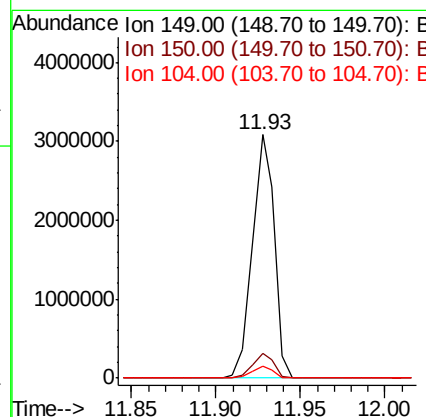
Manual Integrations
 APPROVED

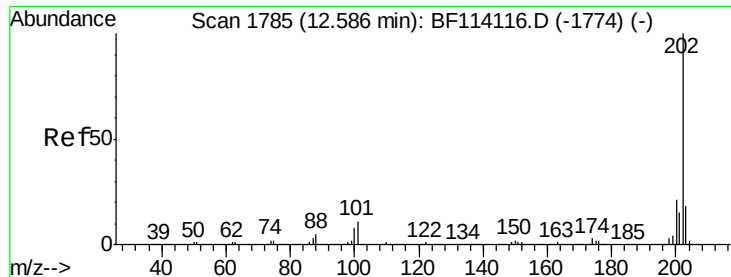
Sohil
 5/13/2019 8:35:46 PM



#74
 Di-n-butylphthalate
 Concen: 43.349 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	10.3	7.7	11.5	
104	5.0	3.6	5.4	





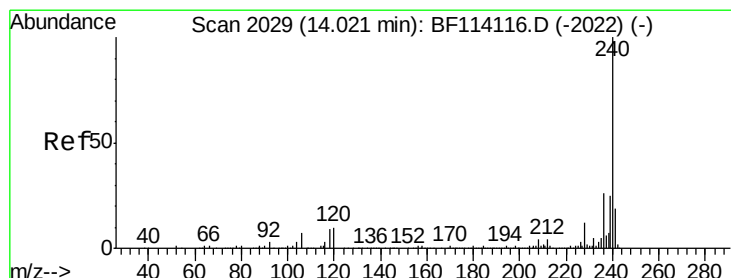
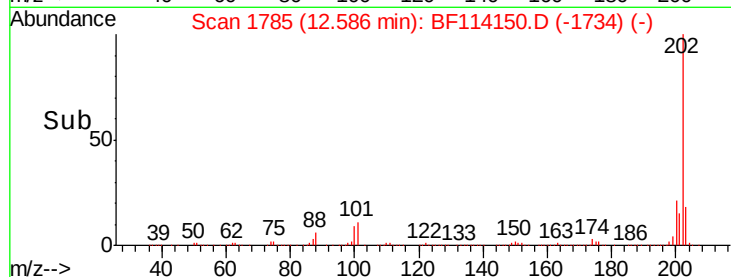
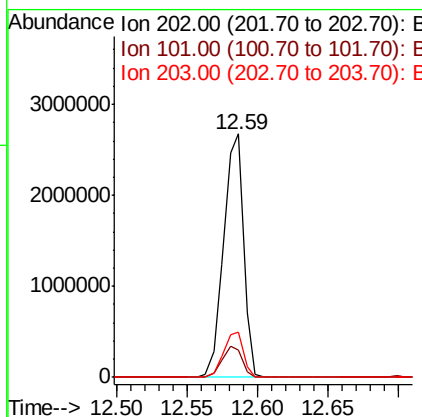
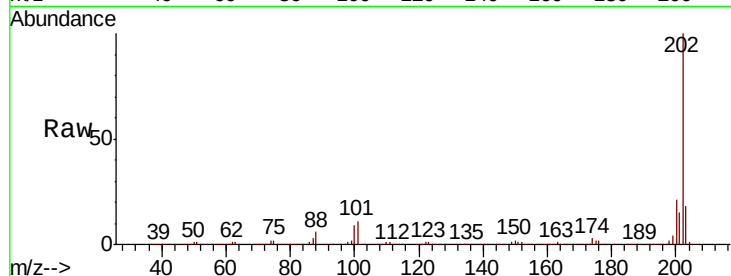
#75
Fluoranthene
Concen: 41.619 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.0
203	18.4	0.0	38.4

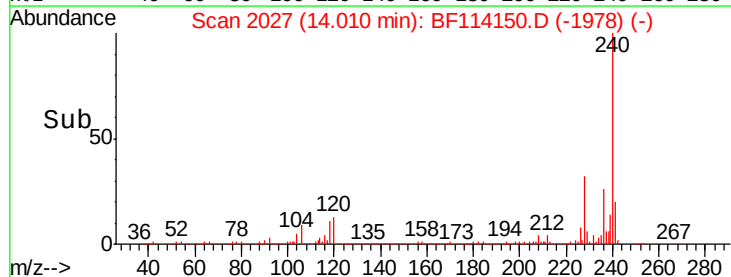
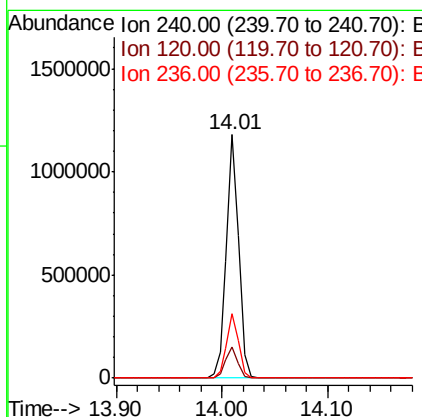
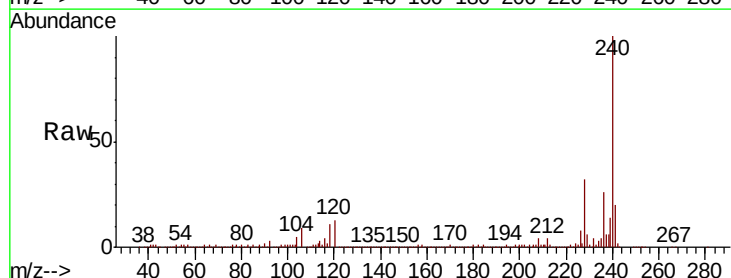
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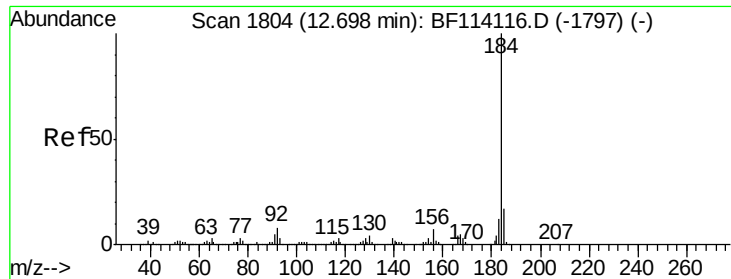
Sohil
5/13/2019 8:35:46 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.3	12.5#
236	26.4	20.8	31.2





#77

Benzidine

Concen: 36.182 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampleId :

PB119622BS

Tot Ion:184 Resp: 1557524

Ion Ratio Lower Upper

184 100

185 15.2 13.6 20.4

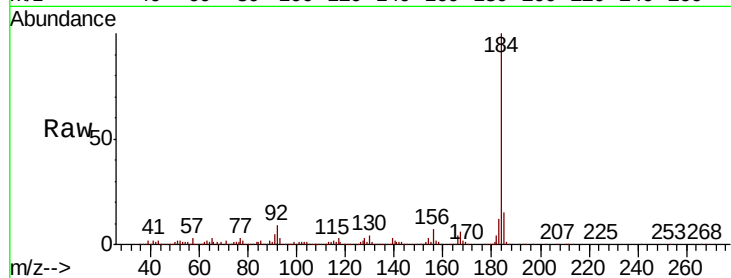
183 11.6 9.2 13.8

Manual Integrations

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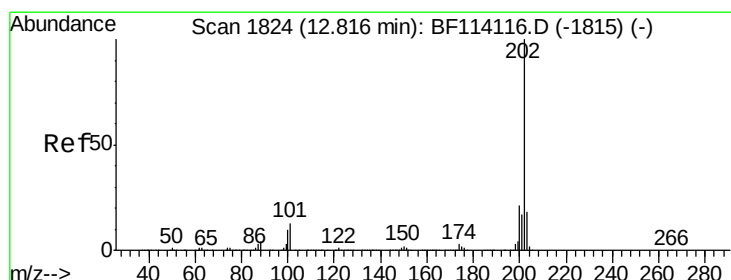
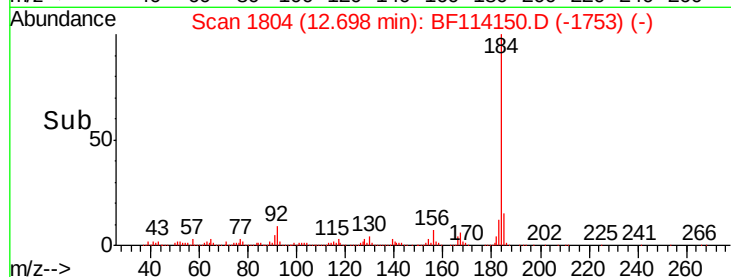
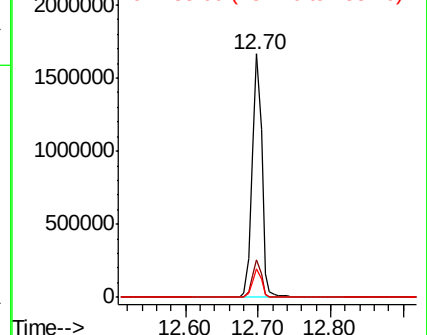


Abundance

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: 34.647 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

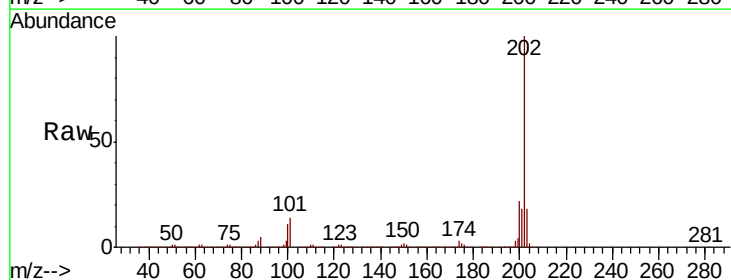
Tgt Ion:202 Resp: 2672826

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

203 18.4 14.5 21.7

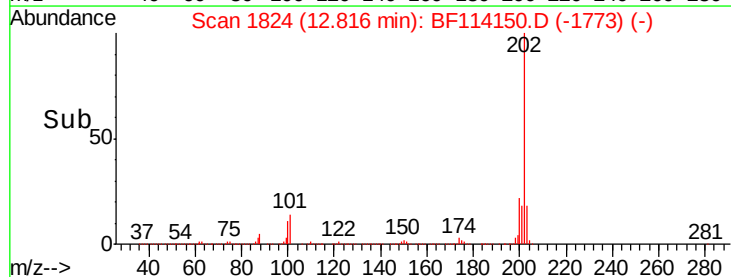
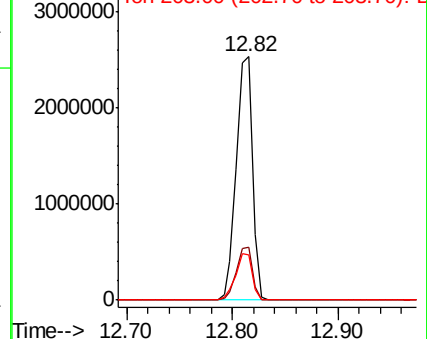


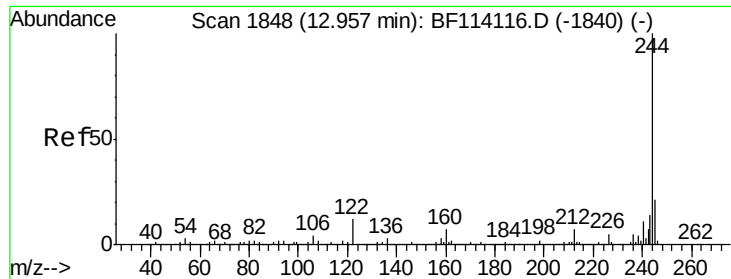
Abundance

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: 63.740 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampleId :

PB119622BS

Tot Ion:244 Resp: 2965175

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

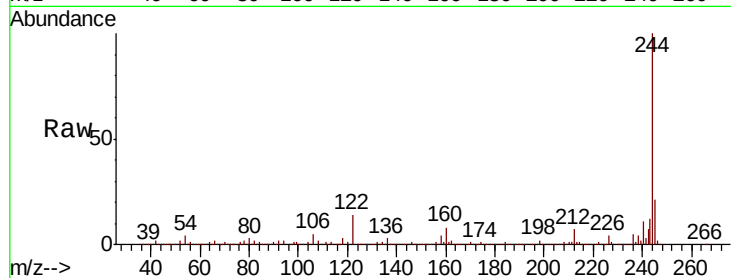
122 13.9 9.4 14.2

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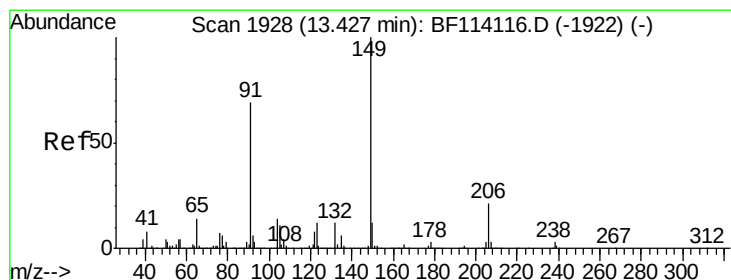
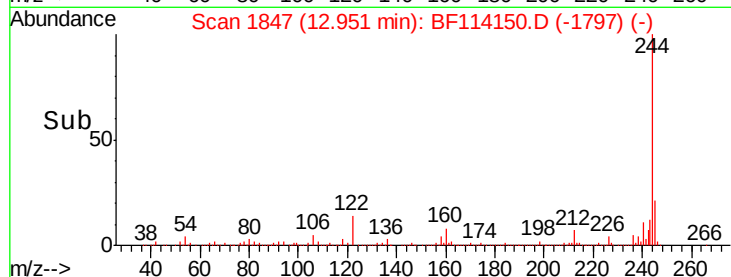
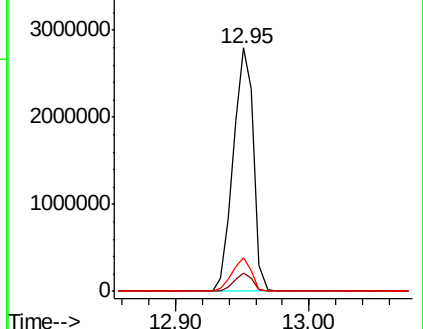
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.776 ng

RT: 13.42 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

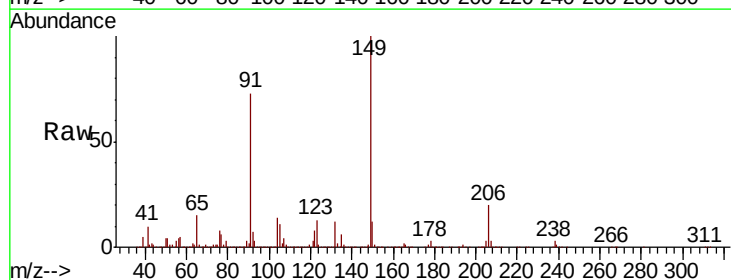
Tgt Ion:149 Resp: 1291555

Ion Ratio Lower Upper

149 100

91 73.2 55.0 82.4

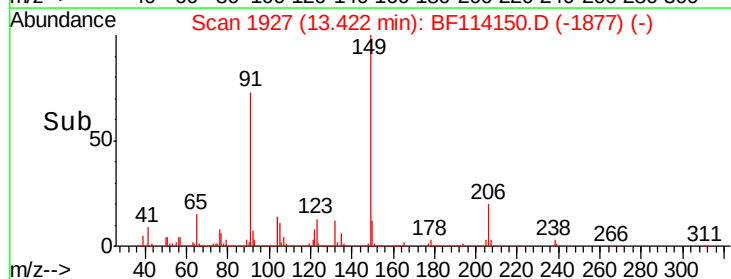
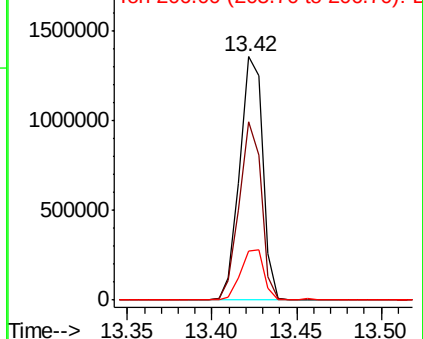
206 20.0 16.9 25.3

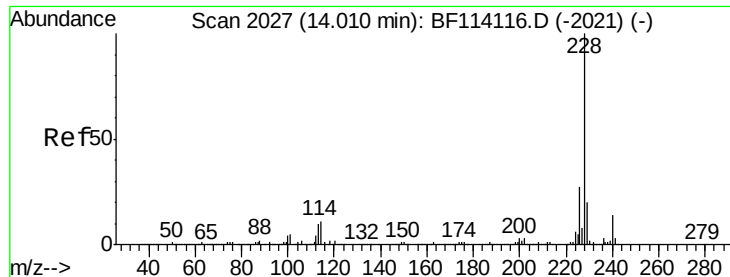


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 35.951 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

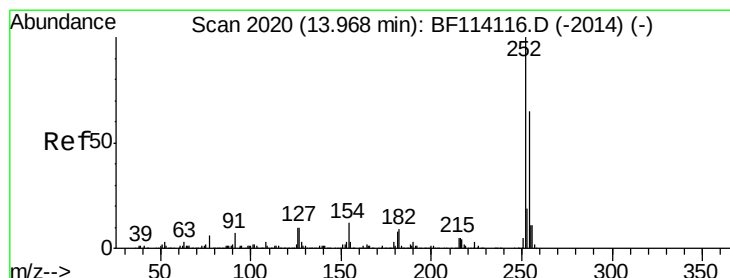
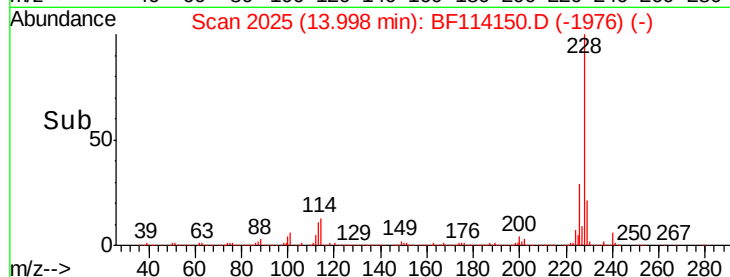
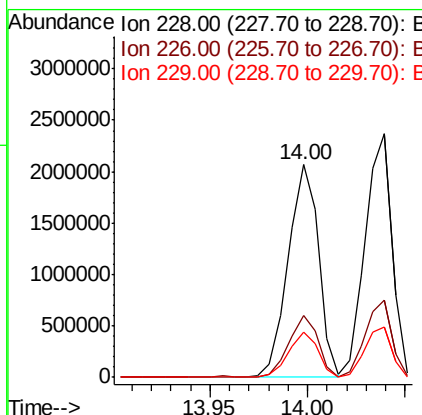
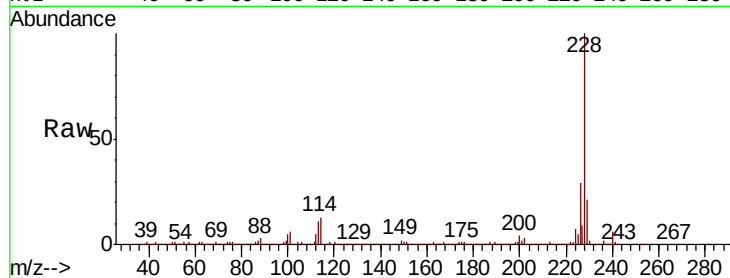
ClientSampleId :

PB119622BS

Tot Ion:	228	Resp:	2229891
Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	21.0	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 25.936 ng

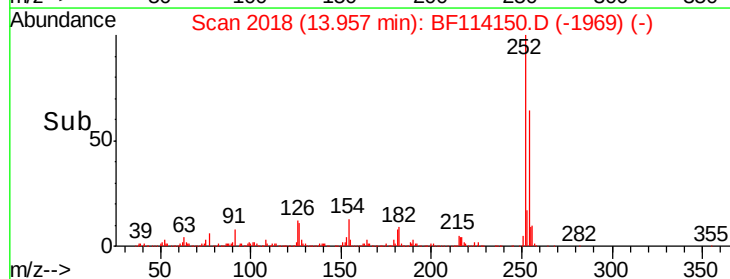
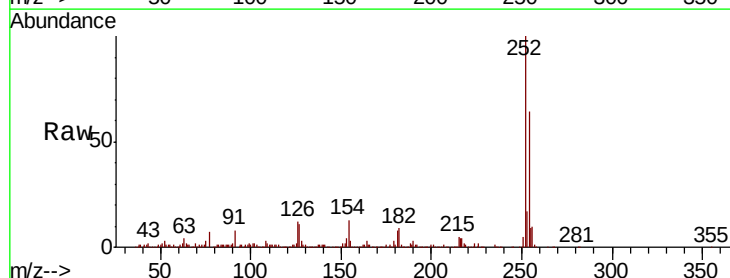
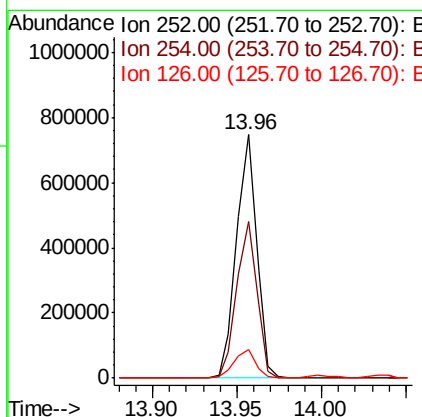
RT: 13.96 min Scan# 2018

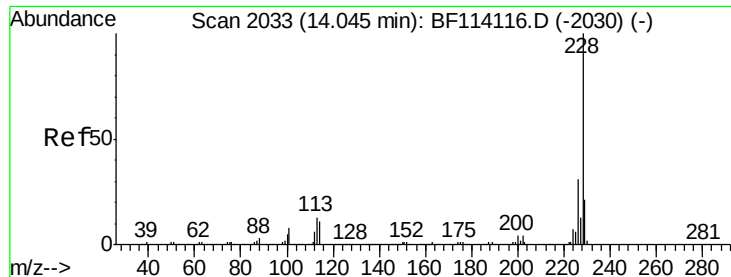
Delta R.T. -0.01 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:	252	Resp:	624077
Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.9	77.9
126	11.7	7.9	11.9





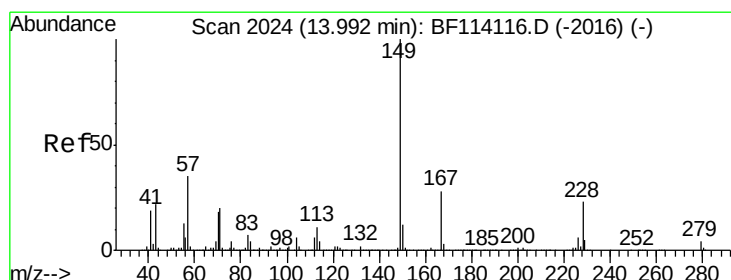
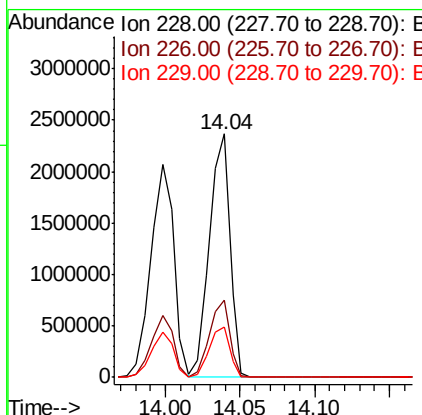
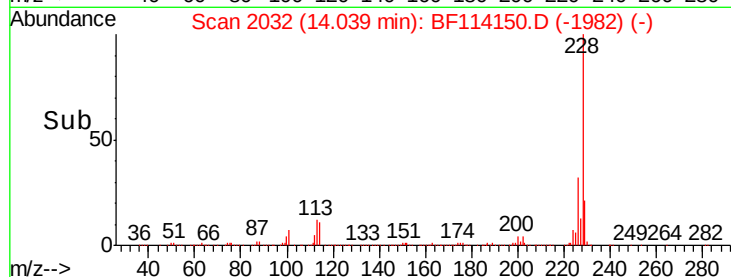
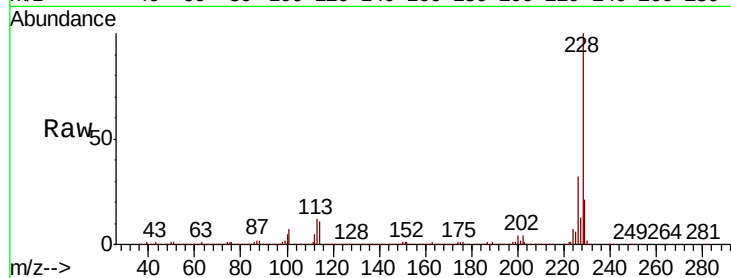
#83
 Chrysene
 Concen: 37.159 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB119622BS

Tot Ion:228 Resp: 2259400
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.0 37.6
 229 20.7 17.0 25.6

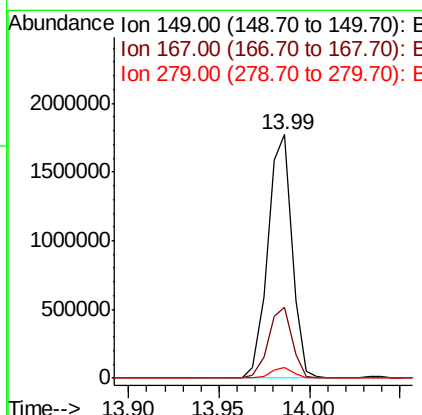
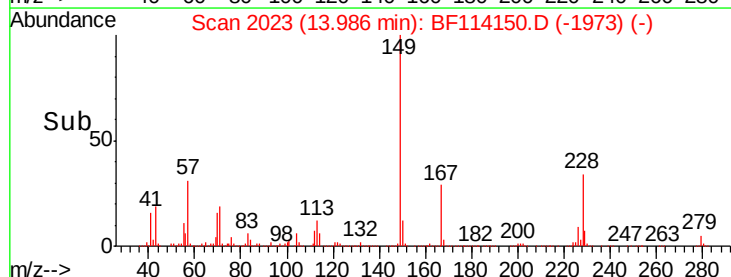
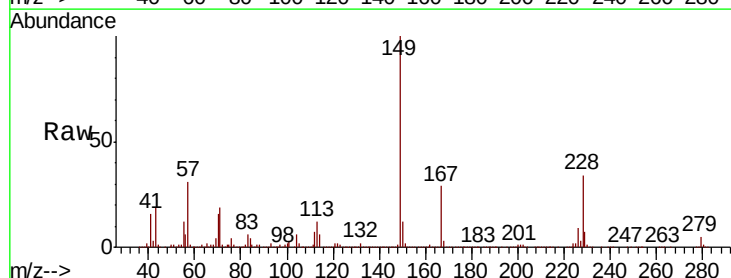
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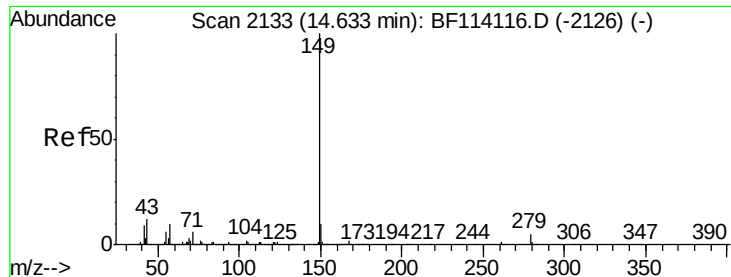
Sohil
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.656 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF114150.D
 Acq: 11 May 2019 12:04

Tgt Ion:149 Resp: 1641622
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.6 33.8
 279 4.6 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 40.687 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

ClientSampleId :

PB119622BS

Tot Ion:149 Resp: 2801046

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

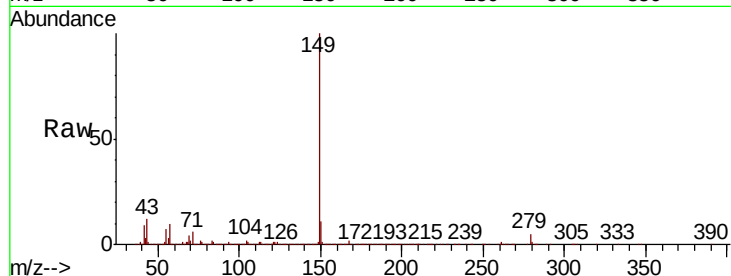
43 12.5 10.1 15.1

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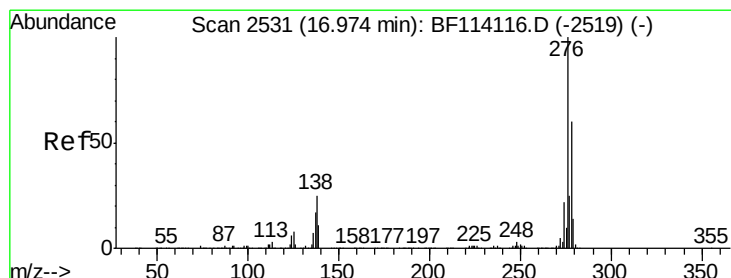
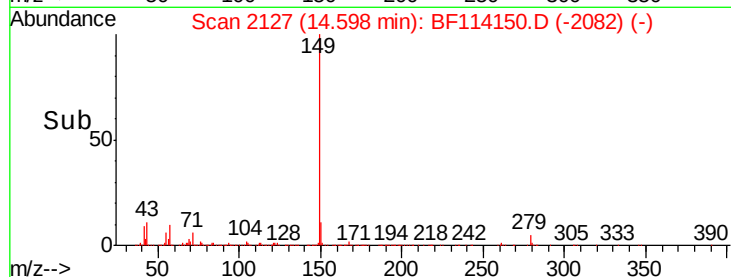
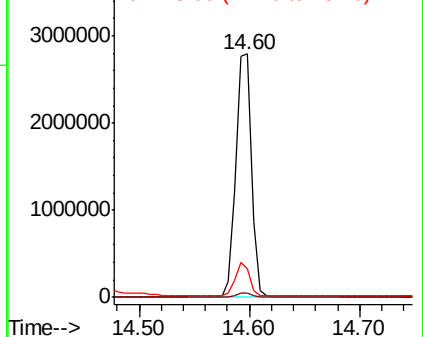
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.108 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

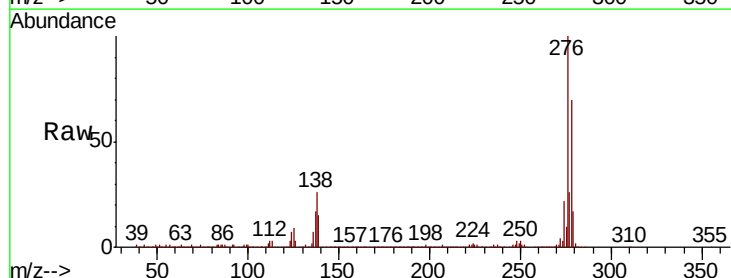
Tgt Ion:276 Resp: 2155255

Ion Ratio Lower Upper

276 100

138 26.6 20.2 30.2

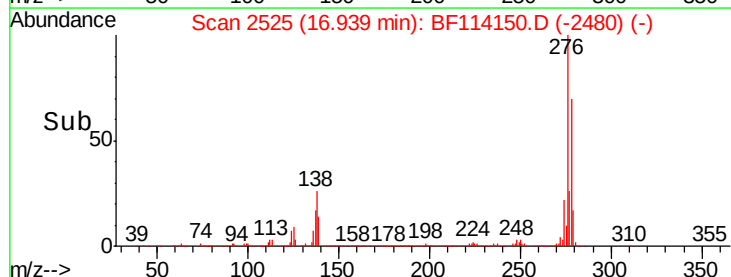
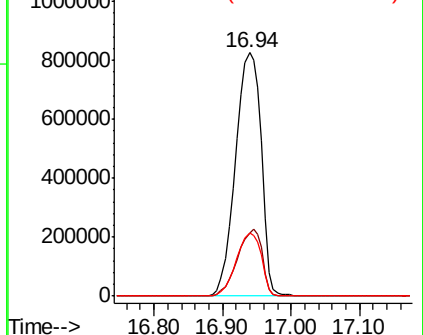
277 25.2 20.0 30.0

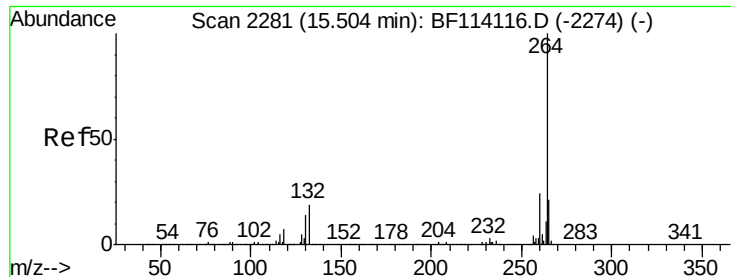


Abundance Ion 276.00 (275.70 to 276.70): E

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# 2275

Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Instrument :

BNA_F

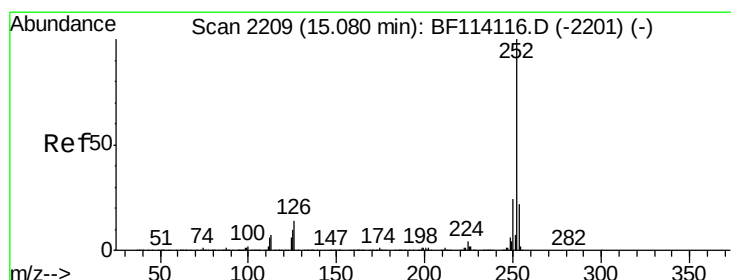
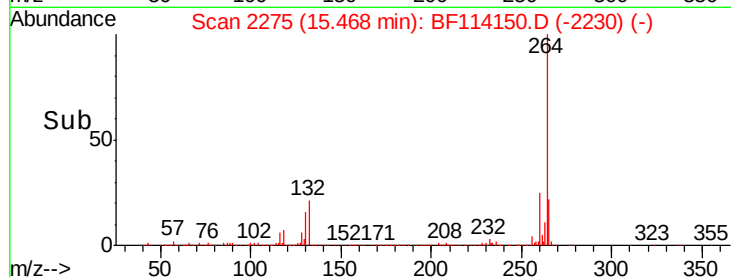
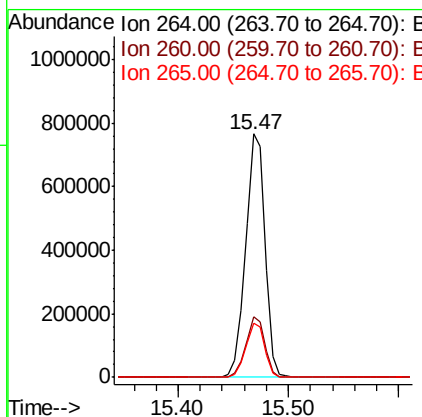
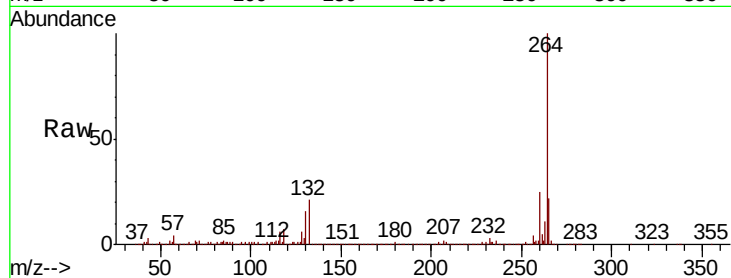
ClientSampled :

PB119622BS

Tot Ion:	264	Resp:	946479
Ion Ratio		Lower	Upper
264	100		
260	25.1	19.4	29.0
265	22.5	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 41.600 ng

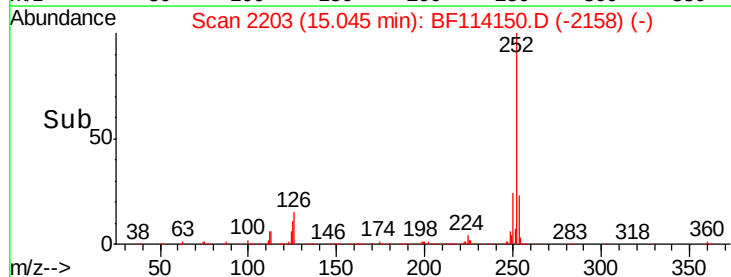
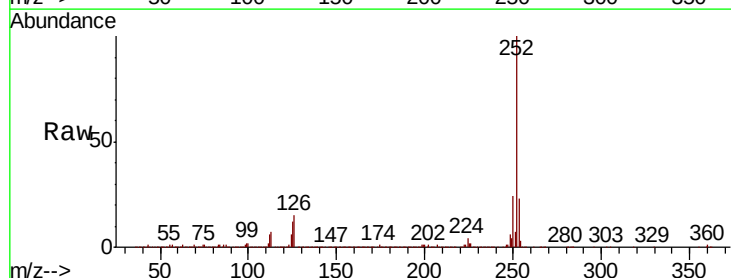
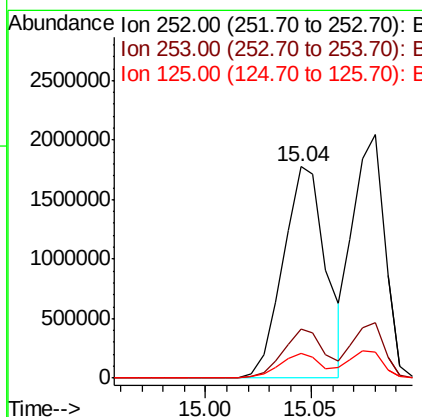
RT: 15.04 min Scan# 2203

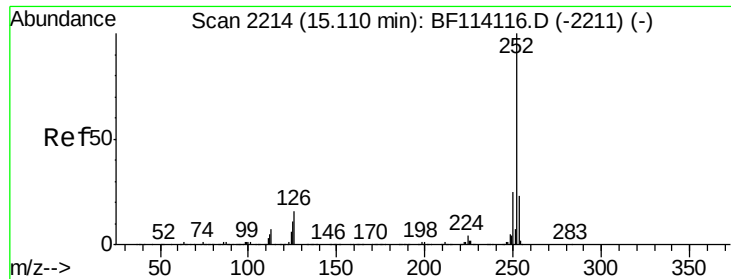
Delta R.T. -0.04 min

Lab File: BF114150.D

Acq: 11 May 2019 12:04

Tgt Ion:	252	Resp:	2522523
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.7	8.3	12.5





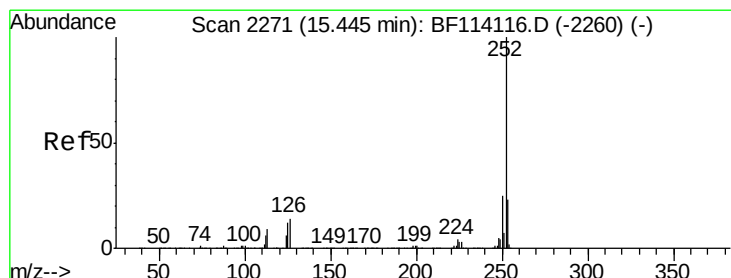
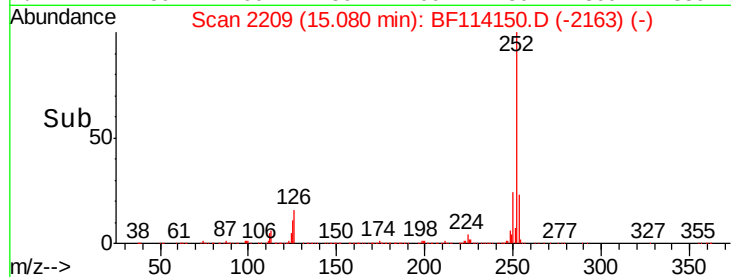
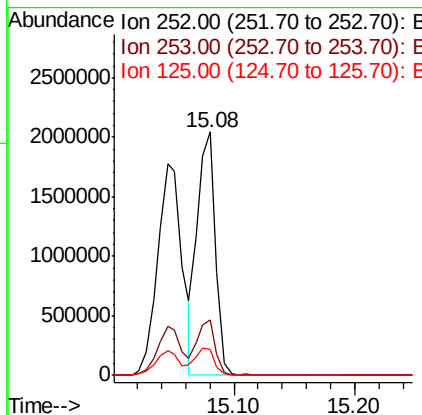
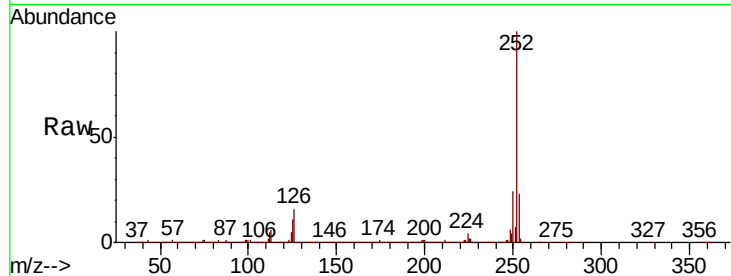
#89
Benzo(k)fluoranthene
Concen: 38.398 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.03 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleID :
PB119622BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.7	8.6	13.0

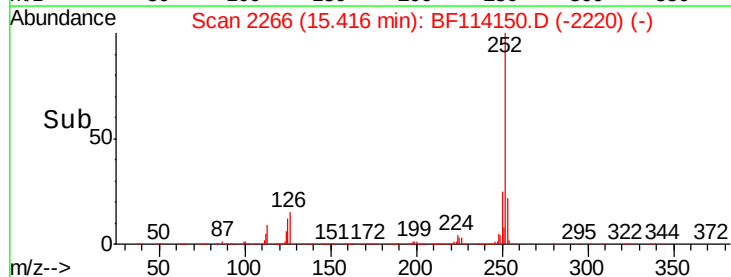
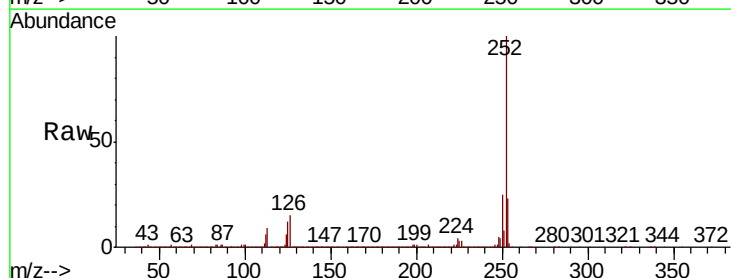
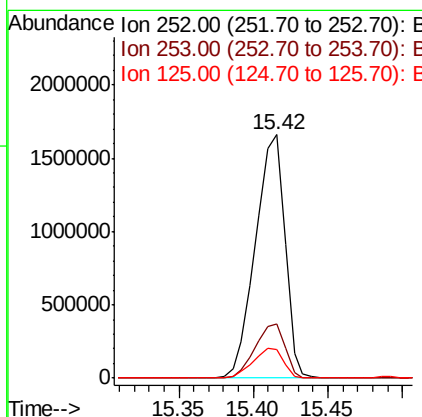
Manual Integrations
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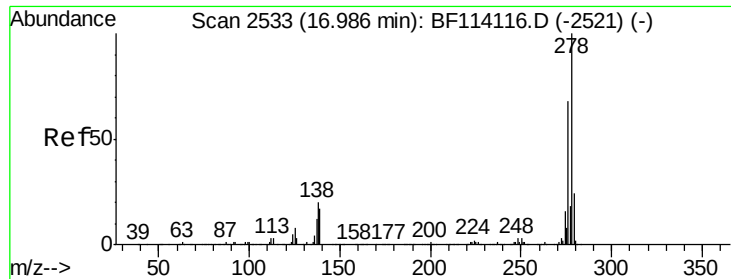
Sohil
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#90
Benzo(a)pyrene
Concen: 42.508 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.8	9.5	14.3





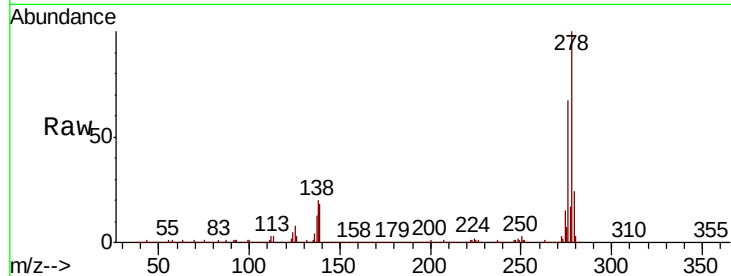
#91
Dibenzo(a,h)anthracene
Concen: 40.157 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.04 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Instrument :
BNA_F
ClientSampleId :
PB119622BS

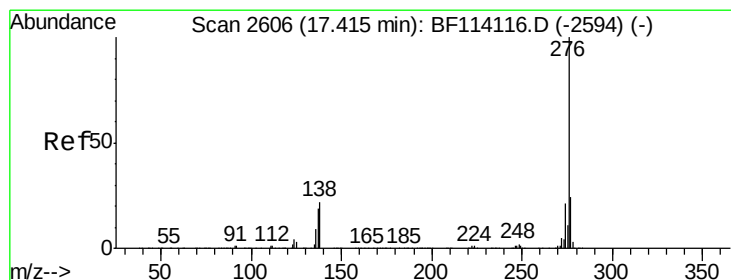
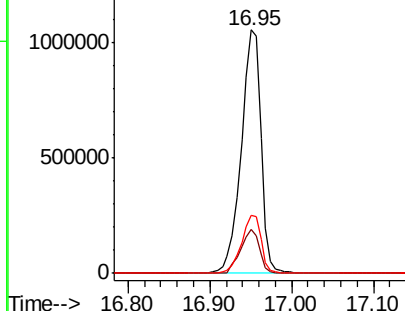
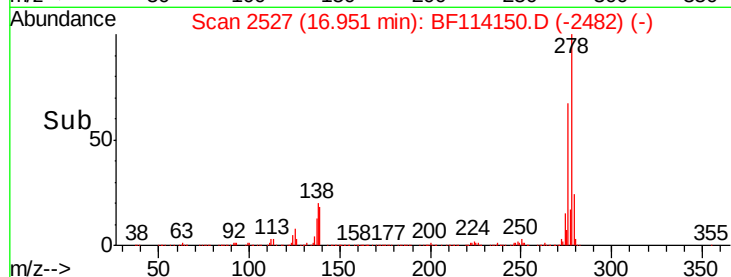
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	13.5	20.3
279	24.1	19.0	28.6

Manual Integrations
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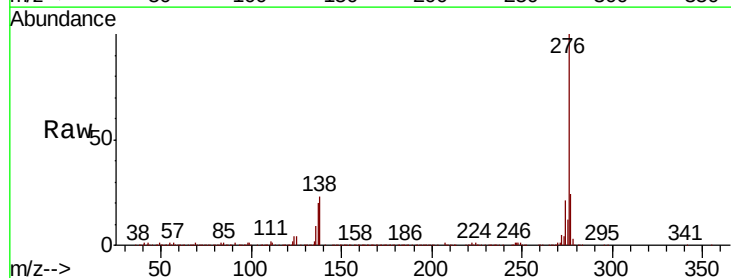


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 38.395 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.04 min
Lab File: BF114150.D
Acq: 11 May 2019 12:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	23.2	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

