

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114626.D
 Acq On : 26 May 2019 2:48
 Operator : JU/SJ
 Sample : PB120038BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:50:41 AM

Quant Time: May 27 01:31:02 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	182965	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	716712	20.00	ng	-0.02
39) Acenaphthene-d10	9.84	164	334604	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	640365	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	457569	20.00	ng	-0.02
87) Perylene-d12	15.43	264	450805	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	1191927	104.84	ng	0.00
7) Phenol-d6	6.45	99	1479983	110.06	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1027780	80.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	345605	99.91	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1776155	80.30	ng	-0.02
79) Terphenyl-d14	12.90	244	1765571	79.54	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	170550	27.291	ng	97
3) Pyridine	3.36	79	457781	26.587	ng	98
4) n-Nitrosodimethylamine	3.31	42	248454	29.923	ng	100
6) Aniline	6.47	93	451473	23.242	ng	# 41
8) 2-Chlorophenol	6.59	128	451748	37.219	ng	96
9) Benzaldehyde	6.36	77	219819	23.350	ng	98
10) Phenol	6.46	94	550589	34.806	ng	84
11) bis(2-Chloroethyl)ether	6.54	93	431709	35.948	ng	96
12) 1,3-Dichlorobenzene	6.74	146	469452	34.456	ng	99
13) 1,4-Dichlorobenzene	6.82	146	484955	35.323	ng	98
14) 1,2-Dichlorobenzene	6.97	146	439488	35.038	ng	98
15) Benzyl Alcohol	6.95	79	348346	33.214	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	759646	32.623	ng	54
17) 2-Methylphenol	7.07	107	351080	35.212	ng	# 90
18) Hexachloroethane	7.30	117	177664	34.475	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	300854	35.297	ng	99
20) 3+4-Methylphenols	7.22	107	462123	40.116	ng	# 74
22) Acetophenone	7.22	105	602606	37.953	ng	# 90
24) Nitrobenzene	7.39	77	467541	35.944	ng	98
25) Isophorone	7.62	82	840646	35.492	ng	98
26) 2-Nitrophenol	7.70	139	242900	38.490	ng	96
27) 2,4-Dimethylphenol	7.75	122	386606	39.006	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	533267	34.700	ng	99
29) 2,4-Dichlorophenol	7.96	162	368488	37.336	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	398390	35.498	ng	99
31) Naphthalene	8.10	128	1265811	37.809	ng	98
32) Benzoic acid	7.90	122	205821m	31.884	ng	
33) 4-Chloroaniline	8.16	127	300271	19.682	ng	98
34) Hexachlorobutadiene	8.22	225	220543	34.537	ng	98
35) Caprolactam	8.53	113	116269m	36.129	ng	
36) 4-Chloro-3-methylphenol	8.66	107	378501	38.100	ng	99
37) 2-Methylnaphthalene	8.80	142	835894	38.698	ng	98
38) 1-Methylnaphthalene	8.90	142	801034	39.379	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	383069	37.793	ng	99

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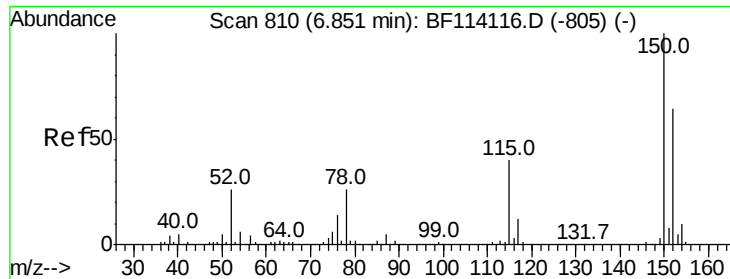
Manual Integrations
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Quant Time: May 27 01:31:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	183255	41.034	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	229752	32.955	nq	99
44) 2,4,5-Trichlorophenol	9.13	196	234727	32.830	nq	94
46) 1,1'-Biphenyl	9.26	154	1014270	37.522	nq	97
47) 2-Chloronaphthalene	9.29	162	778177	35.771	nq	99
48) 2-Nitroaniline	9.39	65	263094	34.101	nq	97
49) Acenaphthylene	9.70	152	1204680	36.409	nq	98
50) Dimethylphthalate	9.56	163	862499	35.114	nq	99
51) 2,6-Dinitrotoluene	9.63	165	196509	36.069	nq	87
52) Acenaphthene	9.87	154	720518	35.487	nq	98
53) 3-Nitroaniline	9.80	138	142236	21.032	nq	97
54) 2,4-Dinitrophenol	9.93	184	154711	58.458	nq	94
55) Dibenzofuran	10.05	168	1030908	34.626	nq	99
56) 4-Nitrophenol	9.99	139	186962	39.091	nq	97
57) 2,4-Dinitrotoluene	10.05	165	239485	32.386	nq	# 78
58) Fluorene	10.39	166	845139	36.750	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	196915	31.919	nq	# 100
60) Diethylphthalate	10.26	149	860894	34.494	nq	98
61) 4-Chlorophenyl-phenylether	10.37	204	402257	35.614	nq	97
62) 4-Nitroaniline	10.42	138	202663	28.518	nq	96
63) Azobenzene	10.54	77	832841	34.475	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	112199	36.463	nq	95
66) n-Nitrosodiphenylamine	10.50	169	739880	38.069	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	250901	35.585	nq	97
68) Hexachlorobenzene	10.95	284	268710	34.450	nq	93
69) Atrazine	11.02	200	216512	35.798	nq	98
70) Pentachlorophenol	11.15	266	157174	42.508	nq	99
71) Phenanthrene	11.35	178	1166539	37.444	nq	98
72) Anthracene	11.40	178	1221185	39.025	nq	99
73) Carbazole	11.56	167	1143175	38.310	nq	98
74) Di-n-butylphthalate	11.88	149	1307073	38.021	nq	99
75) Fluoranthene	12.54	202	1272680	37.934	nq	98
77) Benzidine	12.66	184	612647	29.828	nq	97
78) Pyrene	12.77	202	1279312	34.755	nq	99
80) Butylbenzylphthalate	13.37	149	568713	36.707	nq	97
81) Benzo(a)anthracene	13.96	228	1078093	36.428	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	311031	27.091	nq	99
83) Chrysene	14.00	228	1066310	36.754	nq	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	772470	38.122	nq	97
85) Di-n-octyl phthalate	14.54	149	1275715	38.837	nq	98
86) Indeno(1,2,3-cd)pyrene	16.90	276	1003630	39.143	nq	99
88) Benzo(b)fluoranthene	15.01	252	1064121	36.845	nq	98
89) Benzo(k)fluoranthene	15.03	252	982160	37.020	nq	99
90) Benzo(a)pyrene	15.37	252	978354	38.491	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	842427	39.886	nq	98
92) Benzo(g,h,i)perylene	17.33	276	879918	41.571	nq	99

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



#1

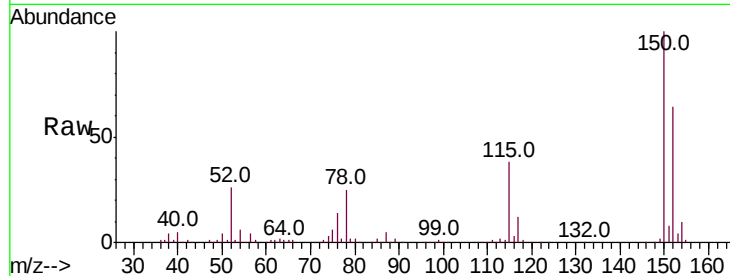
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	60.3	49.1	73.7

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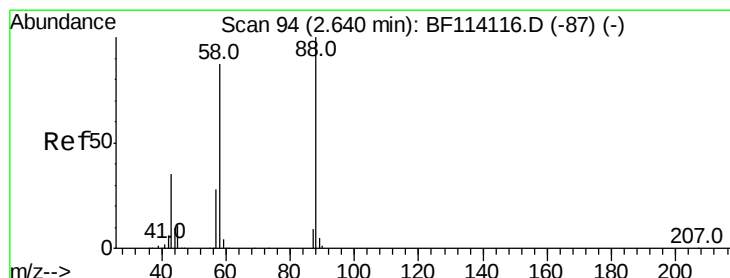
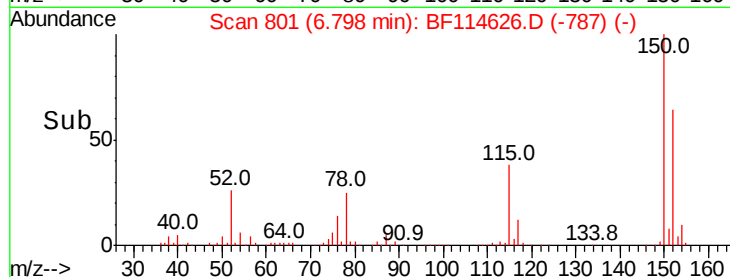
Abundance

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

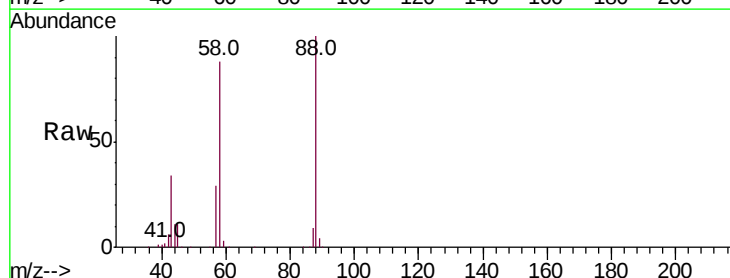
Time-->



#2

1,4-Dioxane
Concen: 27.291 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.2	68.7	103.1
43	35.0	28.2	42.2



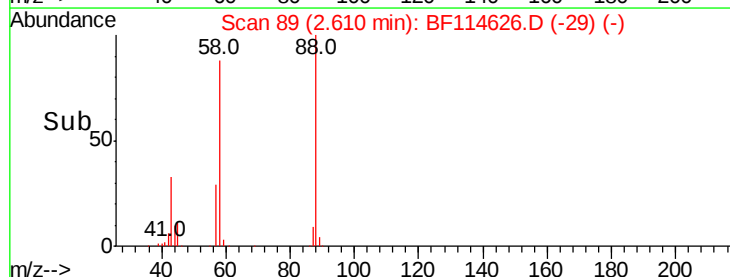
Abundance

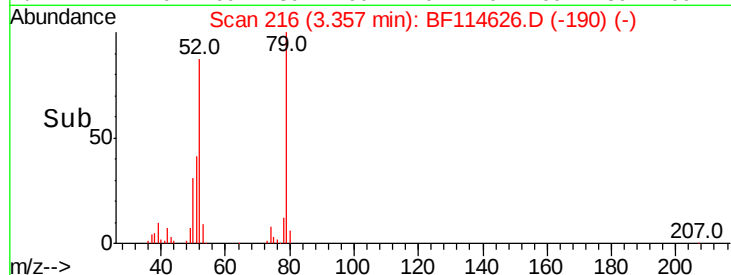
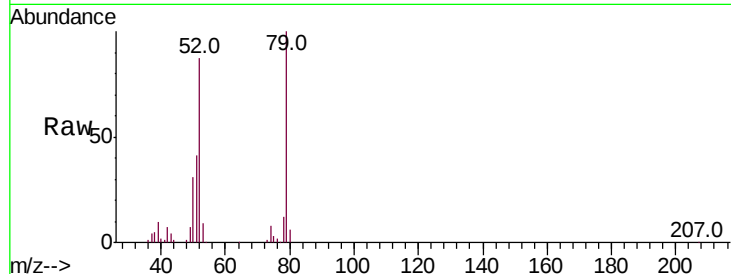
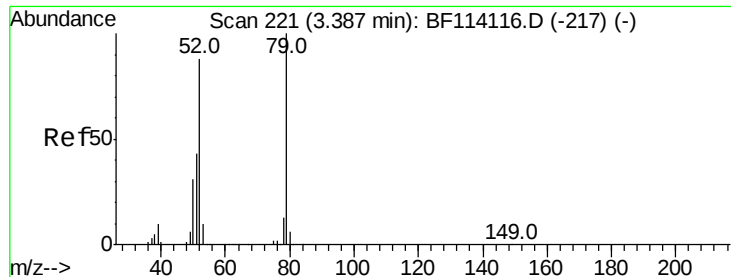
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





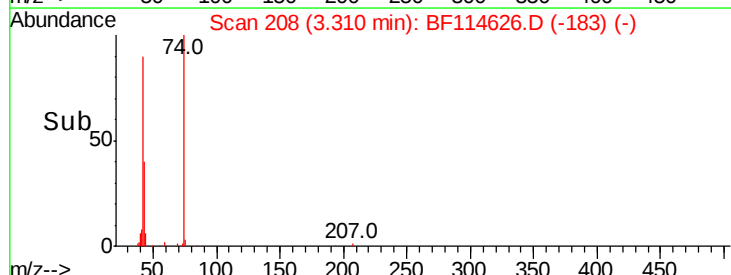
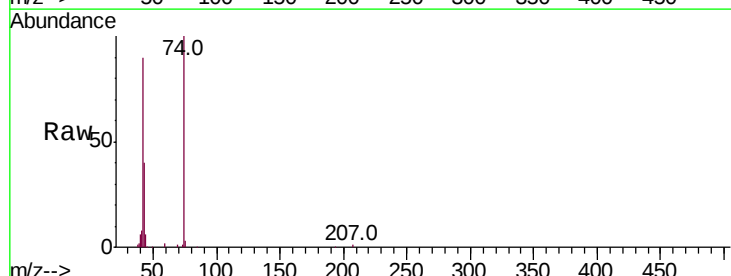
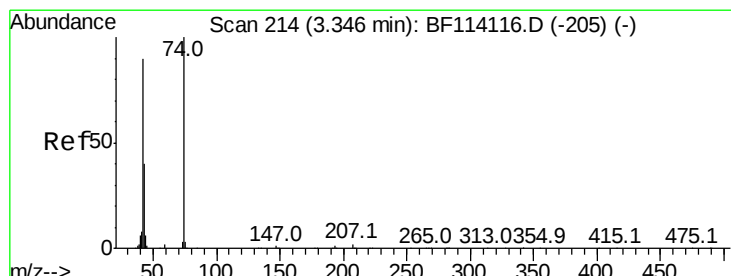
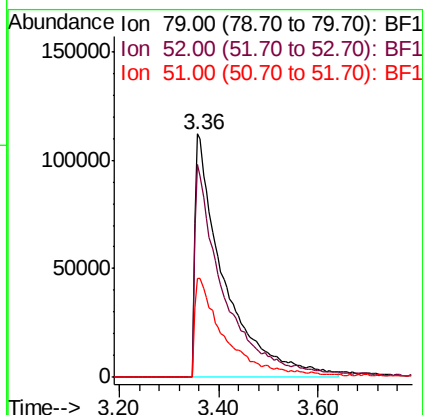
#3
Pvridine
Concen: 26.587 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.05 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	87.4	70.6	105.8
51	40.5	34.2	51.2

Instrument :
BNA_F
ClientSampled :
PB120038BSD

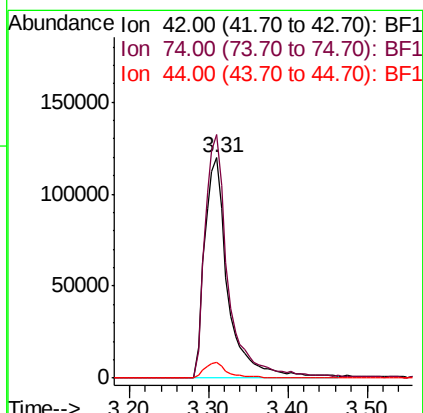
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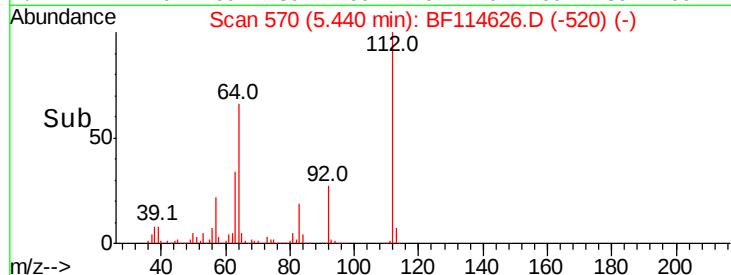
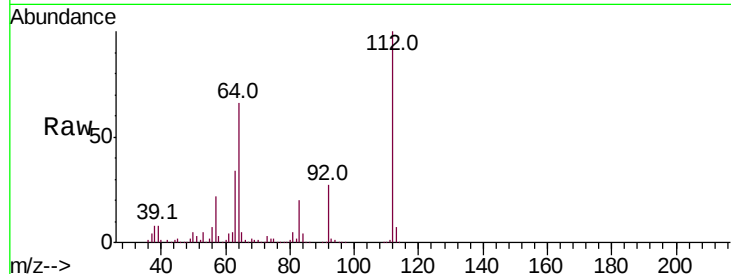
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#4
n-Nitrosodimethylamine
Concen: 29.923 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.05 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	110.7	88.6	132.8
44	7.2	5.5	8.3





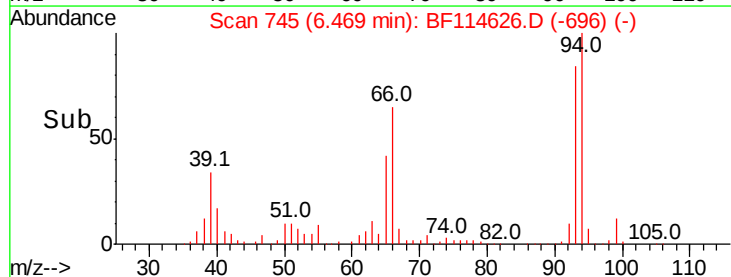
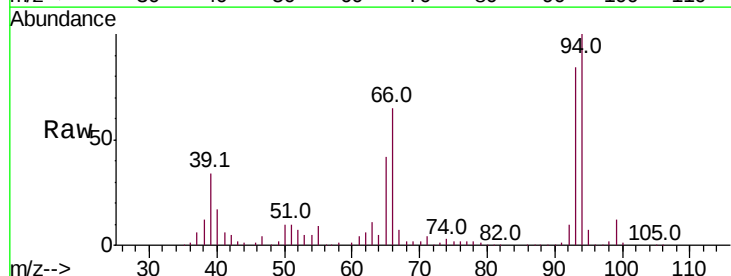
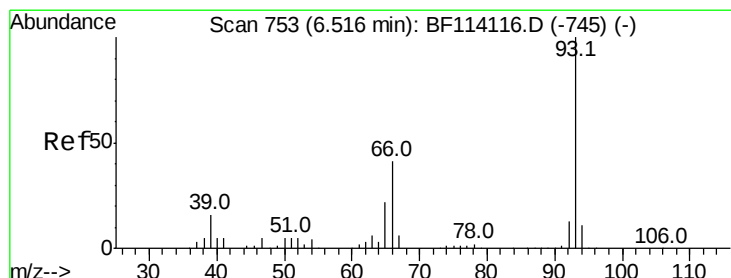
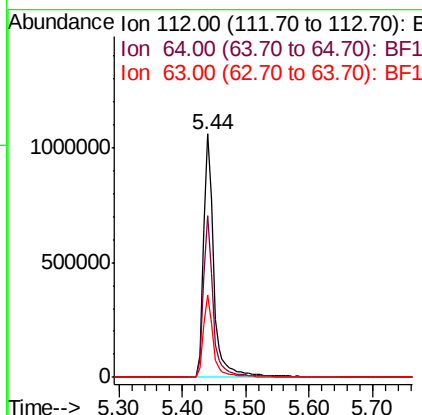
#5
2-Fluorophenol
Concen: 104.835 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tot Ion	Ratio	Resp	Lower	Upper
112	100	1191927		
64	66.2		49.0	73.6
63	34.0		24.6	37.0

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

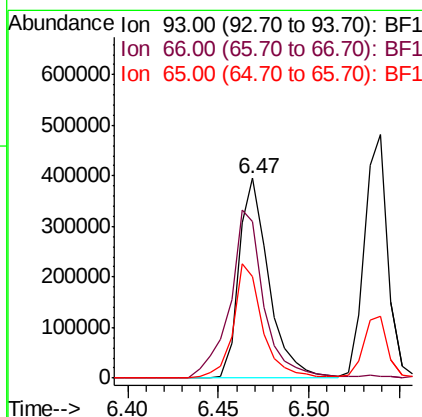
Manual Integrations
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#6
Aniline
Concen: 23.242 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	451473		
66	78.2		33.2	49.8#
65	50.7		17.6	26.4#





#7

Phenol-d6

Concen: 110.060 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion: 99 Resp: 1479983

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

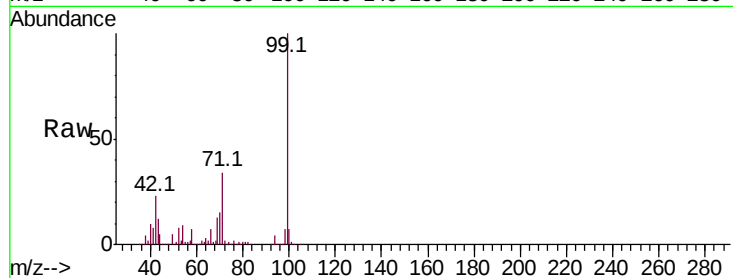
71 33.9 26.2 39.2

Manual Integrations

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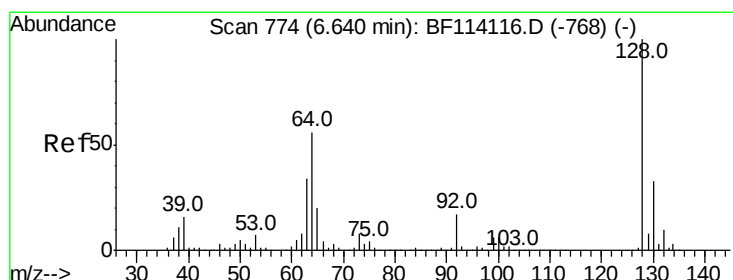
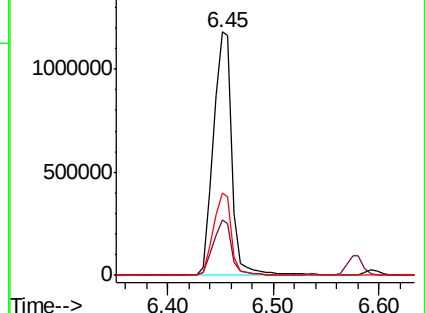
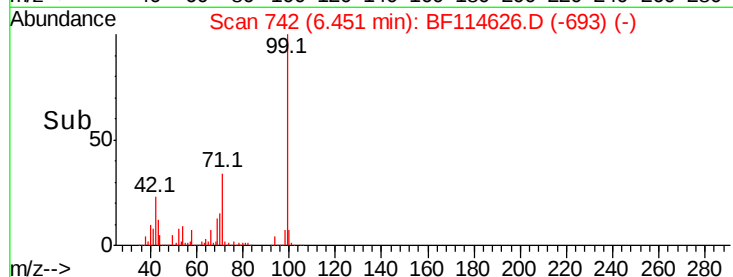
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.219 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

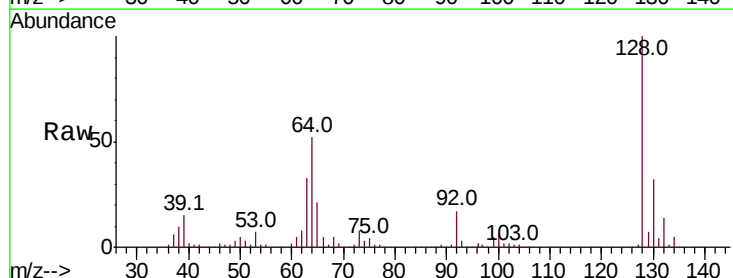
Tgt Ion: 128 Resp: 451748

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

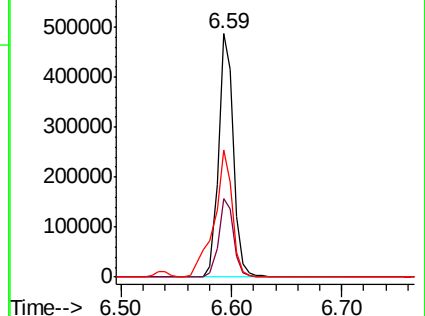
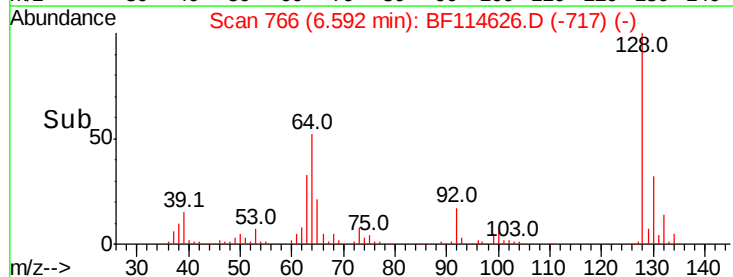
64 52.1 35.9 75.9

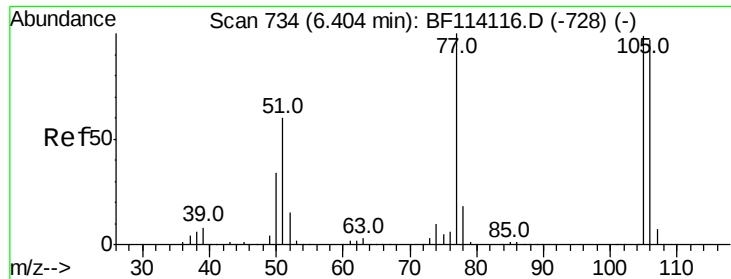


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





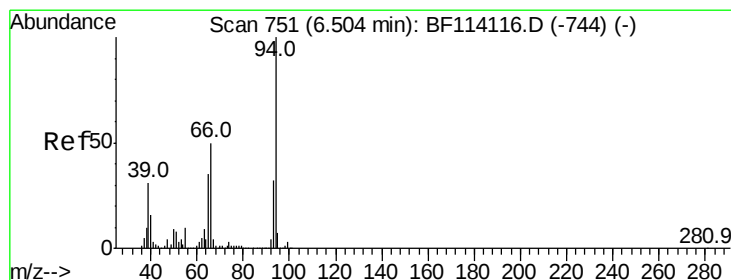
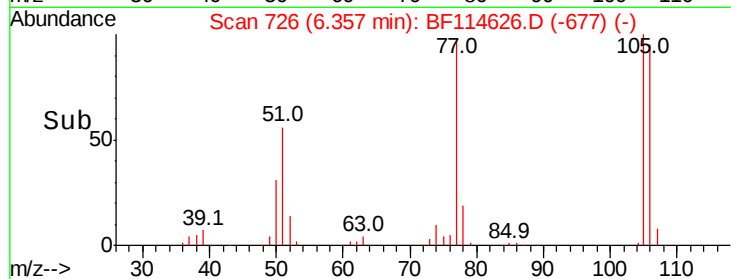
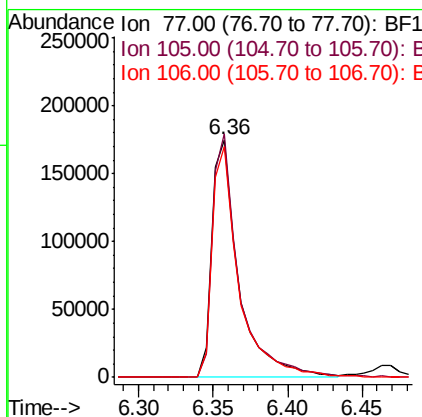
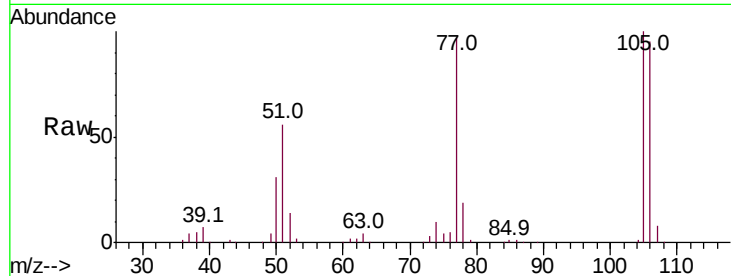
#9
Benzaldehyde
Concen: 23.350 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	79.3	119.3
106	97.4	77.0	117.0

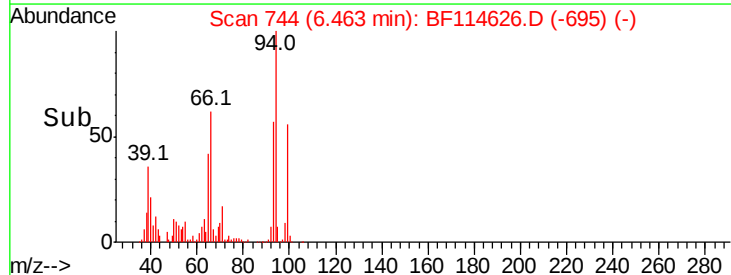
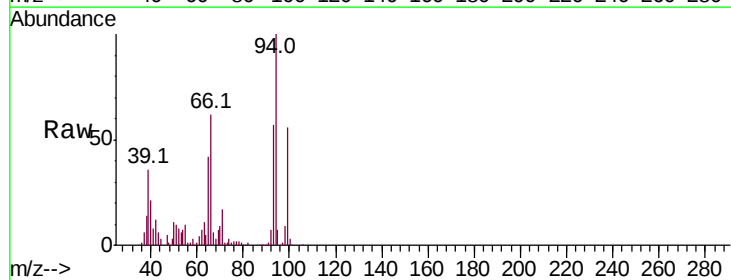
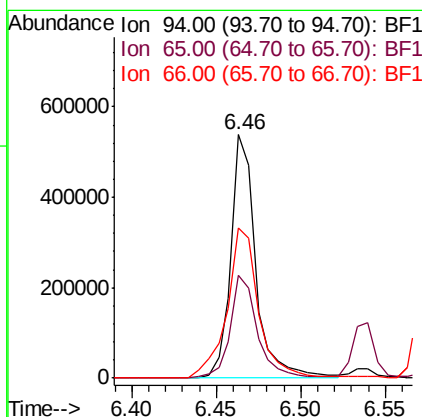
Manual Integrations
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#10
Phenol
Concen: 34.806 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.1	14.7	54.7
66	61.8	29.6	69.6





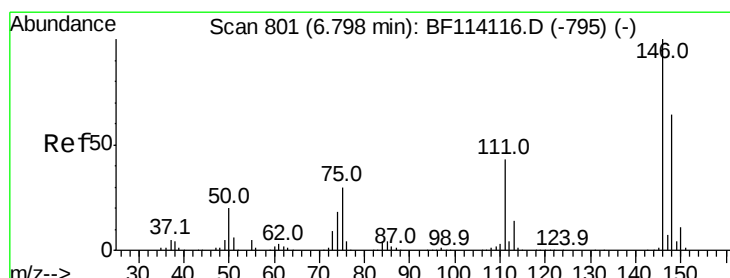
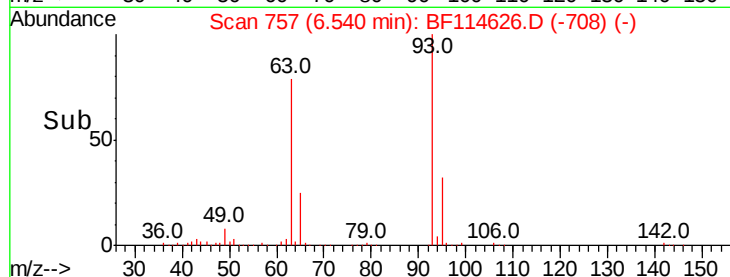
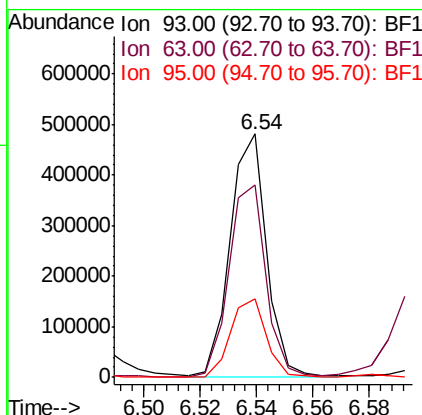
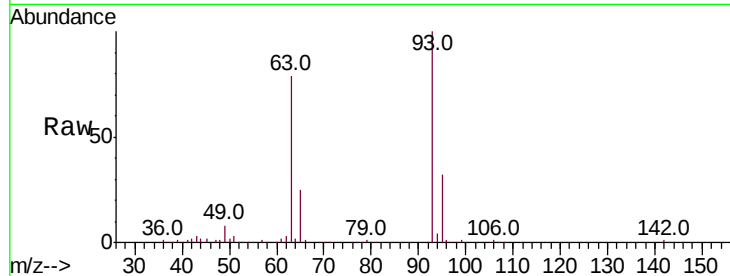
#11
bis(2-Chloroethyl)ether
Concen: 35.948 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.1	63.6	103.6
95	32.5	13.1	53.1

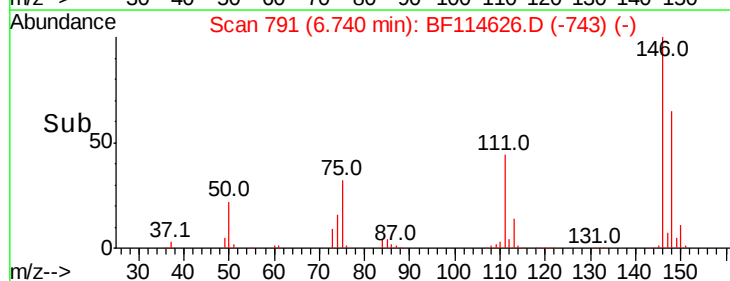
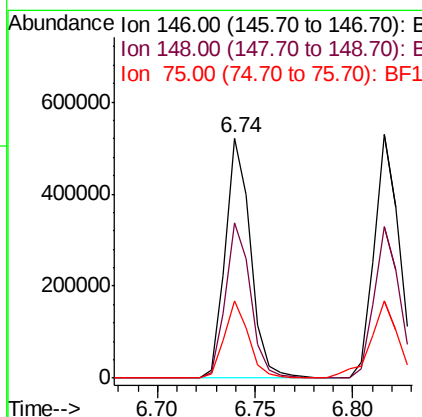
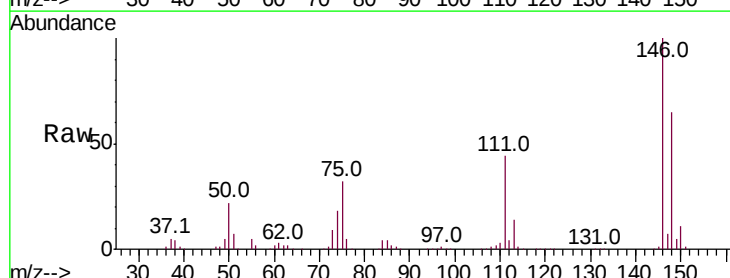
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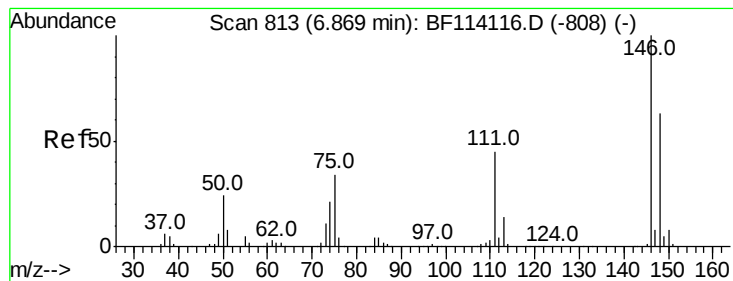
mohammad
5/27/2019 3:50:41 AM



#12
1,3-Dichlorobenzene
Concen: 34.456 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
75	32.2	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 35.323 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

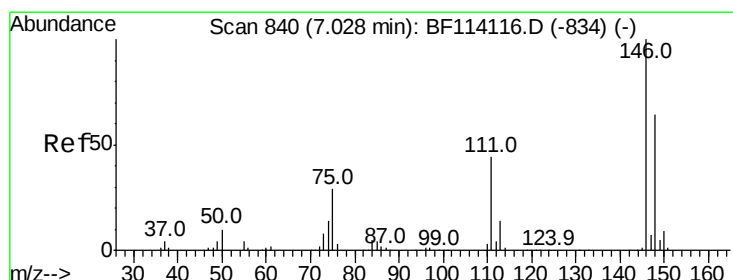
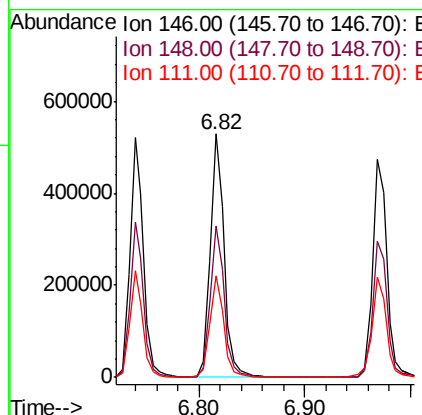
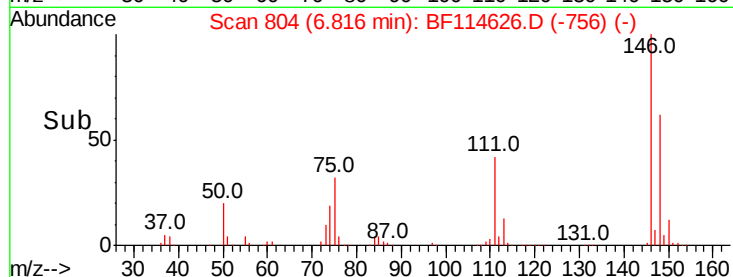
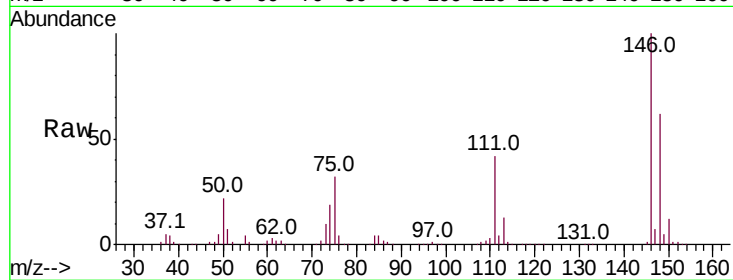
ClientSampleId :

PB120038BSD

Tot Ion:	146	Resp:	484955
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.2	75.2
111	41.6	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 35.038 ng

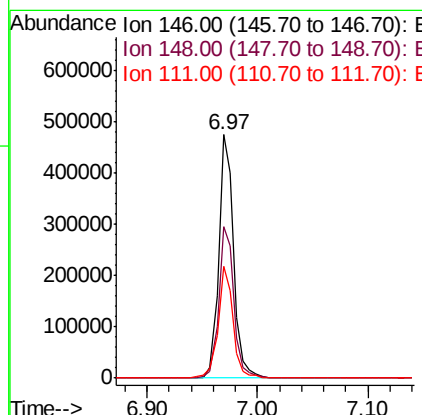
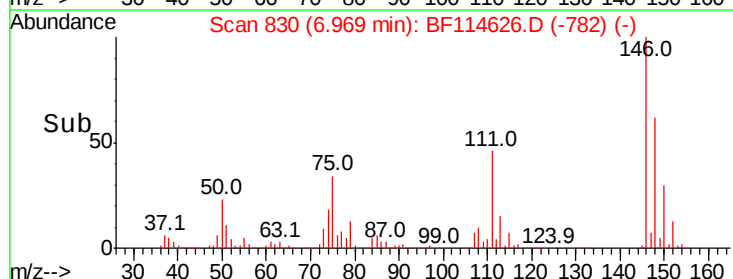
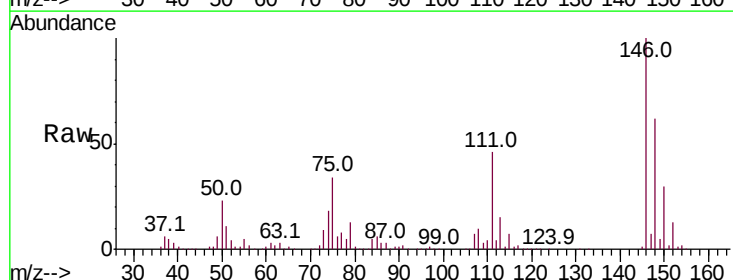
RT: 6.97 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	146	Resp:	439488
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.1	76.7
111	45.9	35.3	52.9





#15

Benzyl Alcohol

Concen: 33.214 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

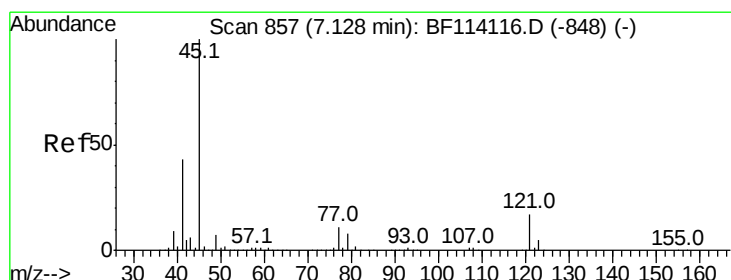
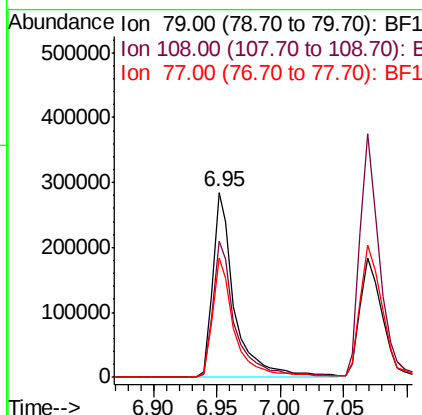
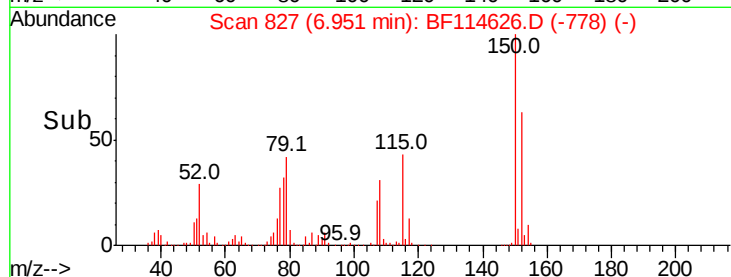
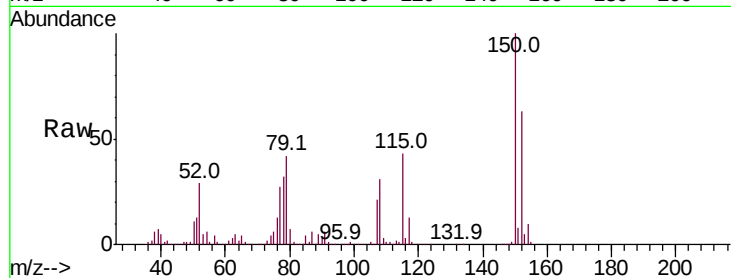
ClientSampleId :

PB120038BSD

Tot Ion:	79	Resp:	348346
Ion Ratio	Lower	Upper	
79	100		
108	73.9	62.1	93.1
77	64.8	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.623 ng

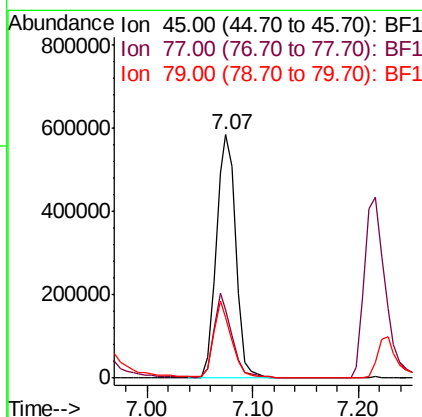
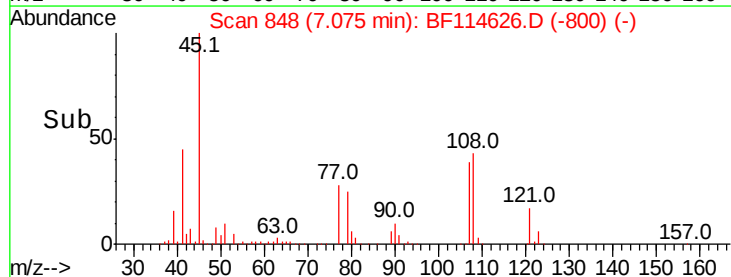
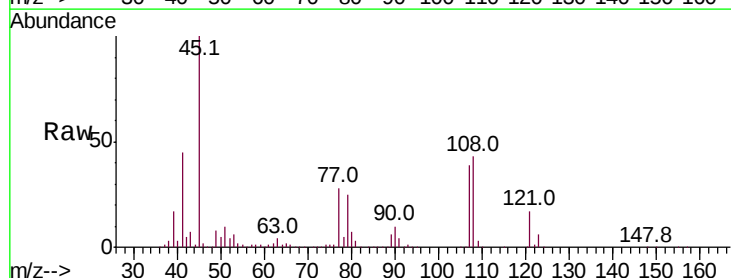
RT: 7.07 min Scan# 848

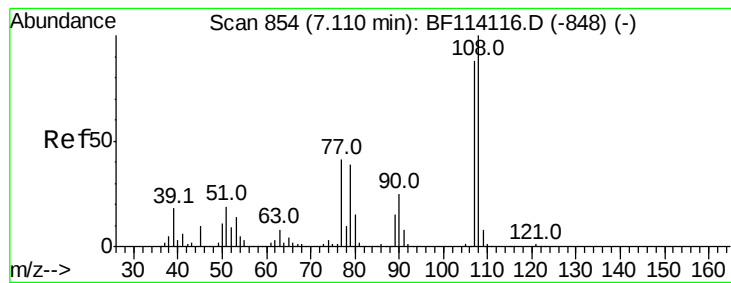
Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	45	Resp:	759646
Ion Ratio	Lower	Upper	
45	100		
77	28.2	0.0	31.1
79	25.0	0.0	28.4





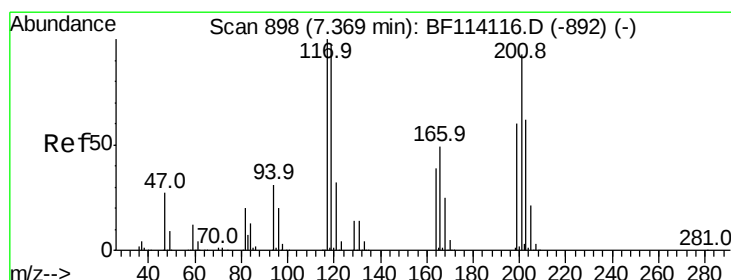
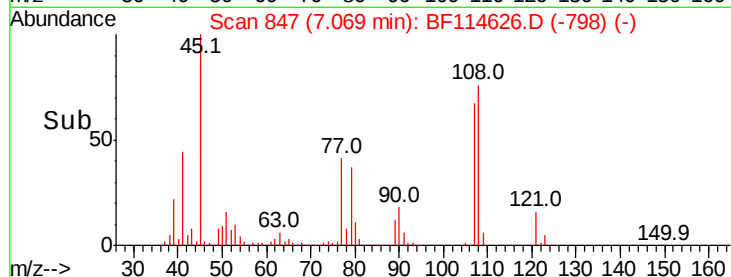
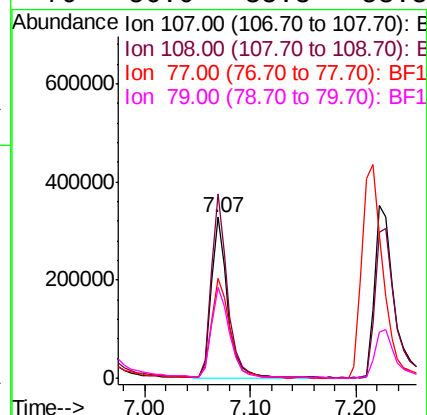
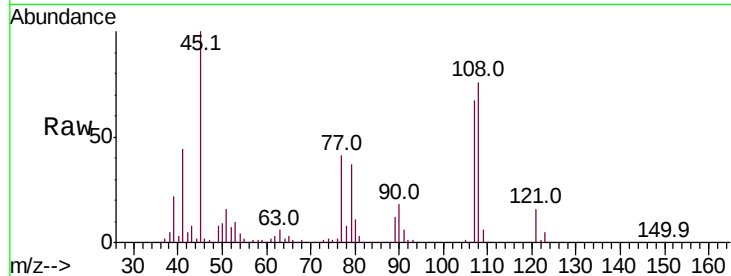
#17
2-Methylphenol
Concen: 35.212 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.2	90.5	135.7	
77	61.9	37.0	55.4	
79	56.0	35.8	53.8	

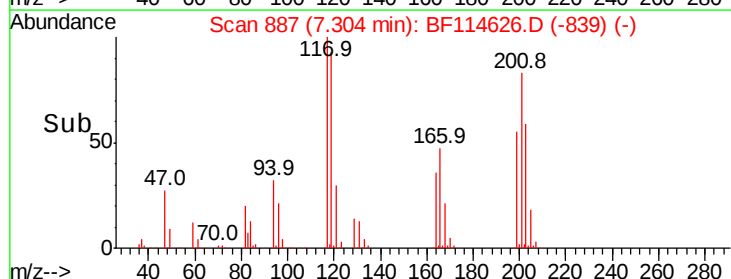
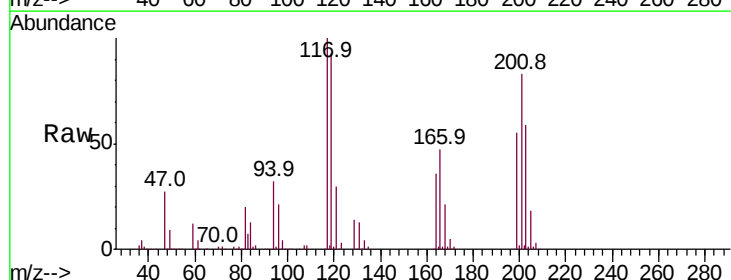
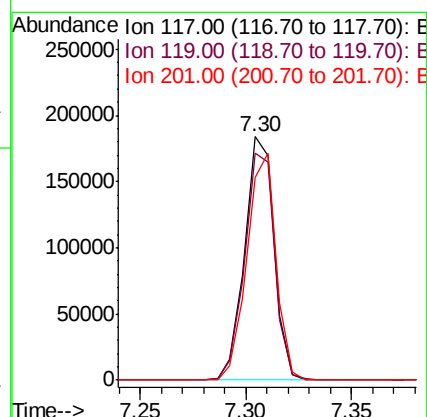
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#18
Hexachloroethane
Concen: 34.475 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	77.4	116.2	
201	83.1	74.5	111.7	





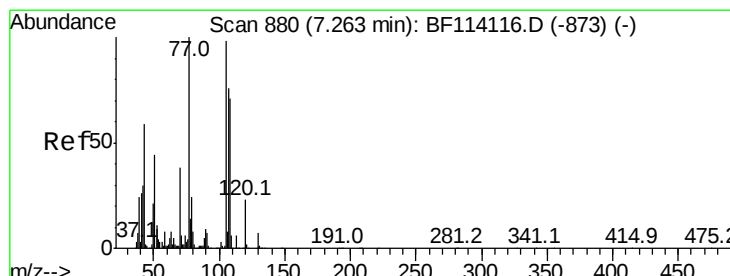
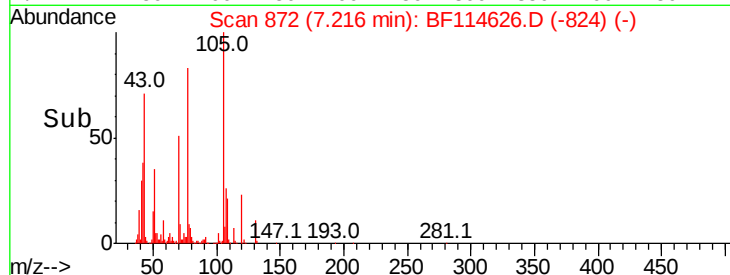
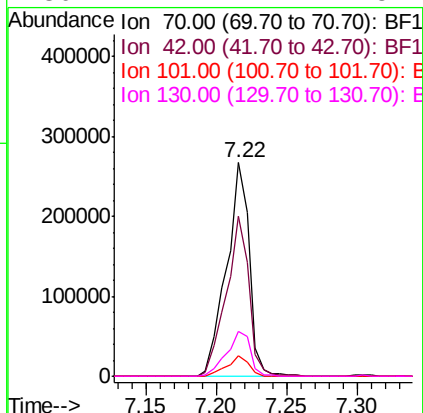
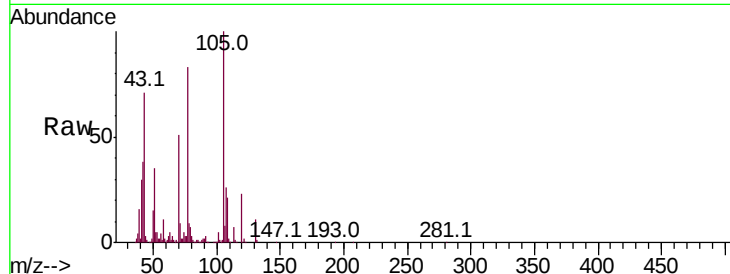
#19
n-Nitroso-di-n-propylamine
Concen: 35.297 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	74.7	58.6	87.8	
101	9.5	7.8	11.8	
130	21.1	17.1	25.7	

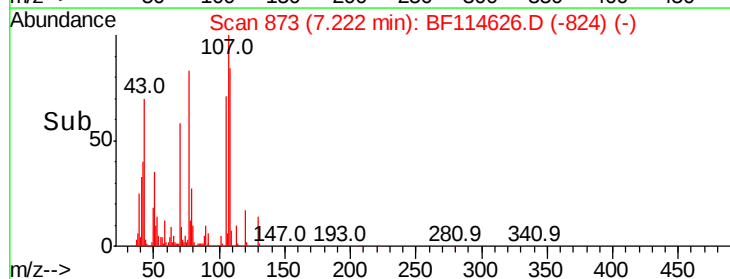
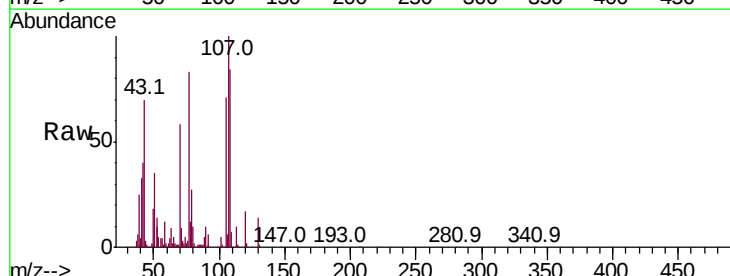
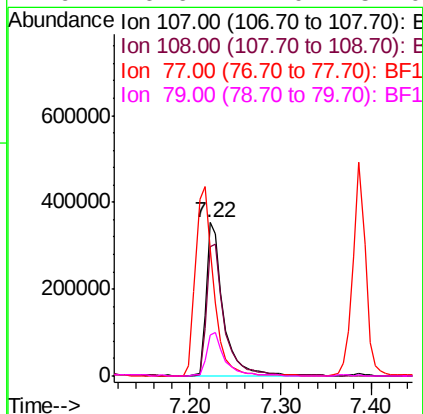
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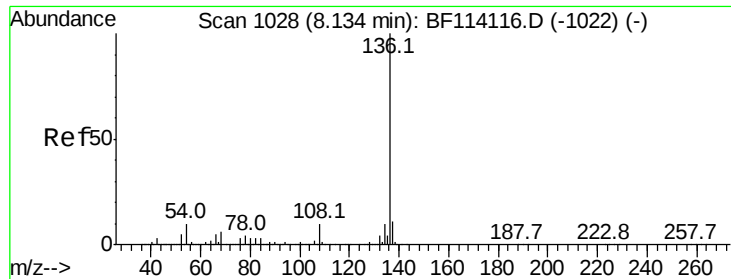
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#20
3+4-Methylphenols
Concen: 40.116 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.2	73.8	113.8	
77	82.8	111.5	151.5#	
79	26.6	12.0	52.0	





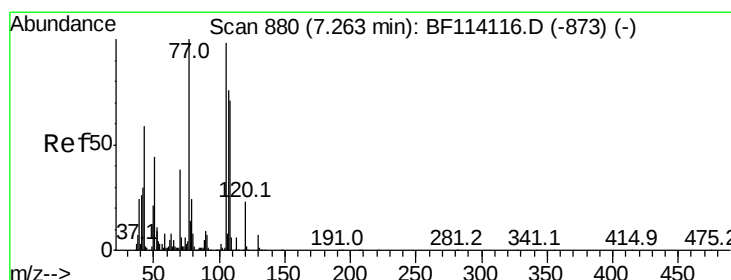
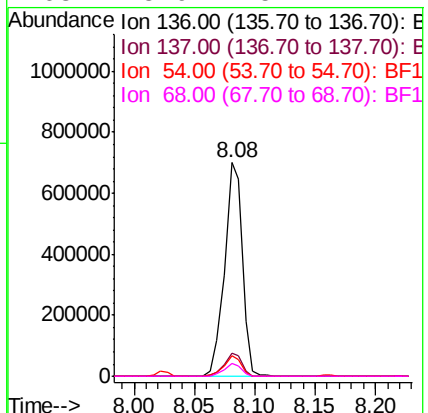
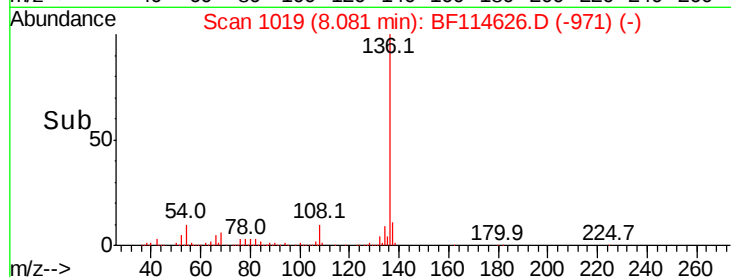
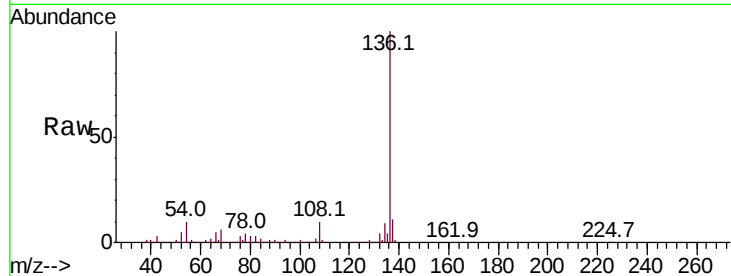
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampled :
PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.8	13.2	
54	9.7	7.8	11.8	
68	5.9	5.1	7.7	

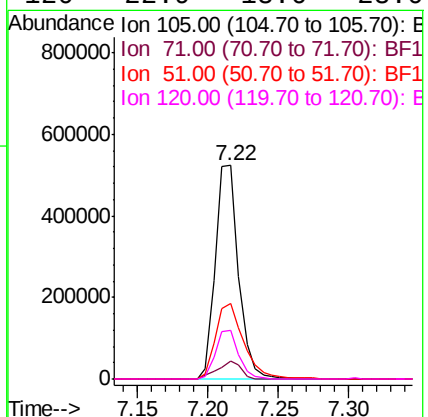
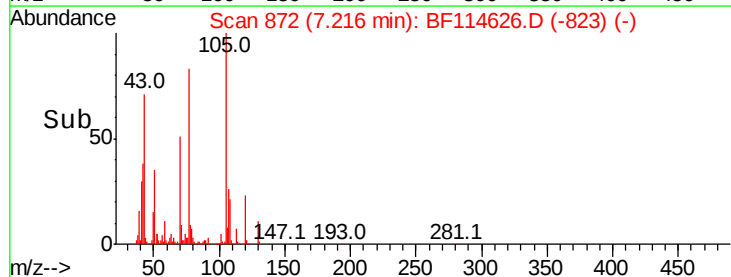
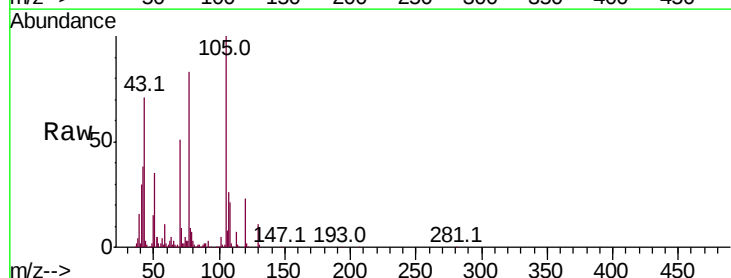
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#22
Acetophenone
Concen: 37.953 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.5	5.3	7.9#	
51	35.1	36.2	54.4#	
120	22.9	18.6	28.0	





#23
 Nitrobenzene-d5
 Concen: 80.477 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

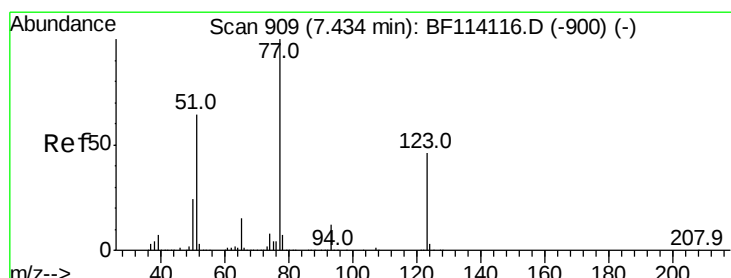
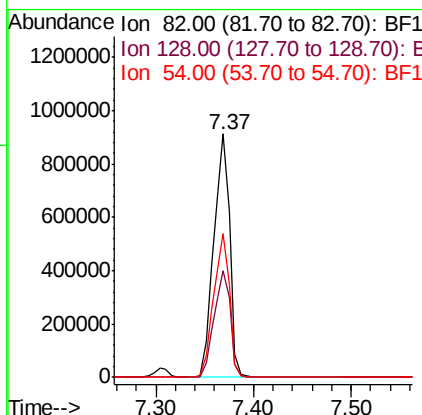
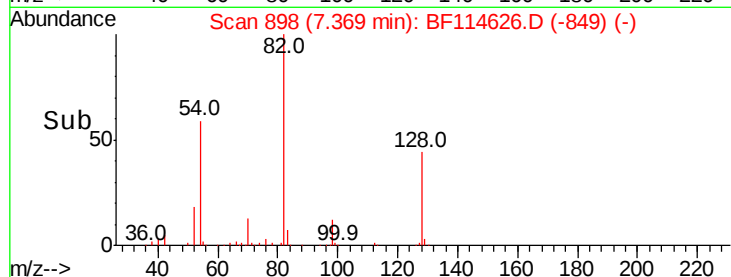
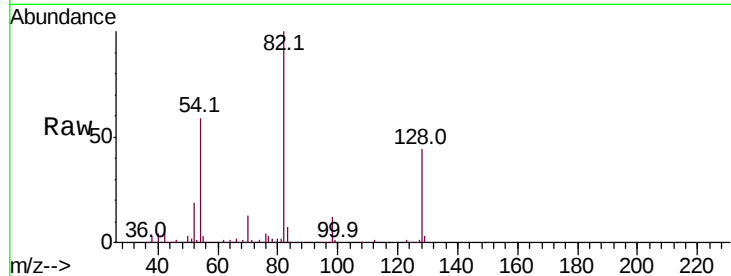
Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Tot Ion: 82 Resp: 1027780

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.5	53.3
54	59.1	48.5	72.7

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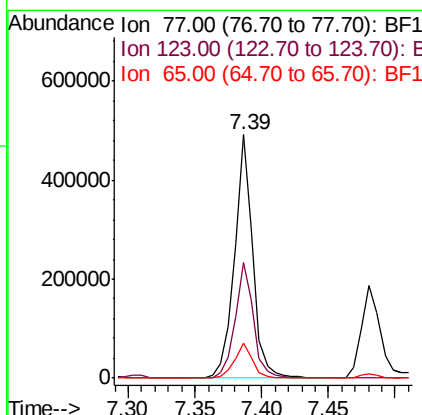
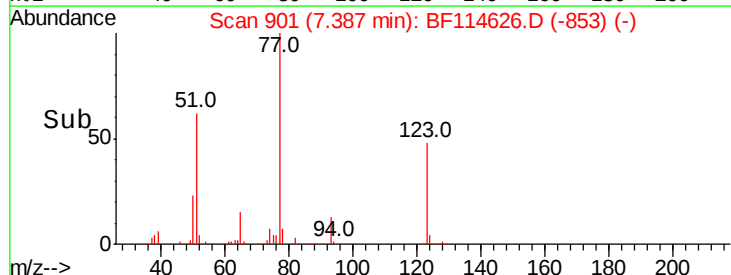
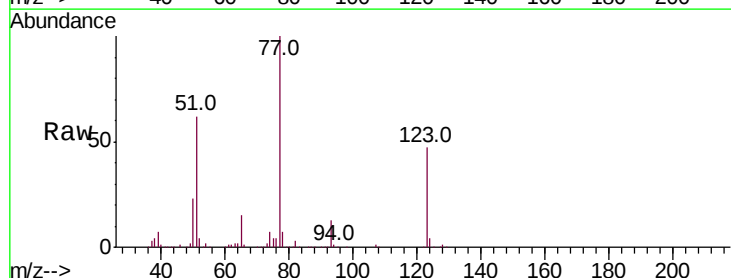
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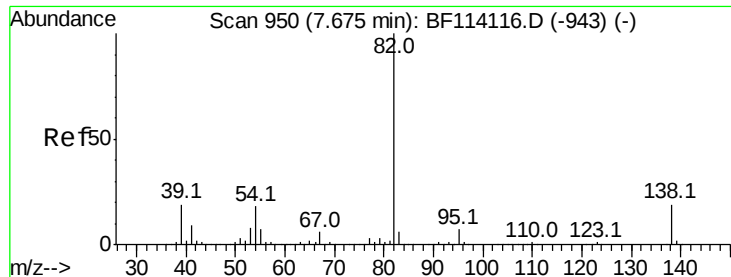


#24
 Nitrobenzene
 Concen: 35.944 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion: 77 Resp: 467541

Ion	Ratio	Lower	Upper
77	100		
123	47.5	36.9	55.3
65	14.6	11.8	17.6





#25

Isophorone

Concen: 35.492 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

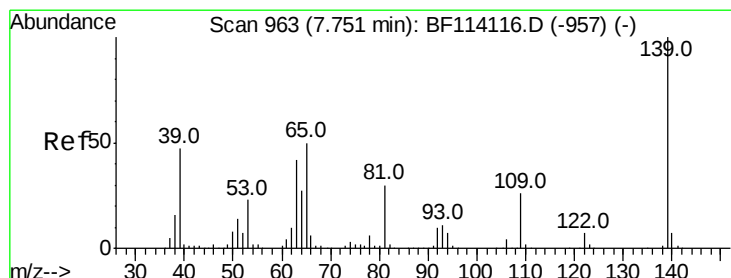
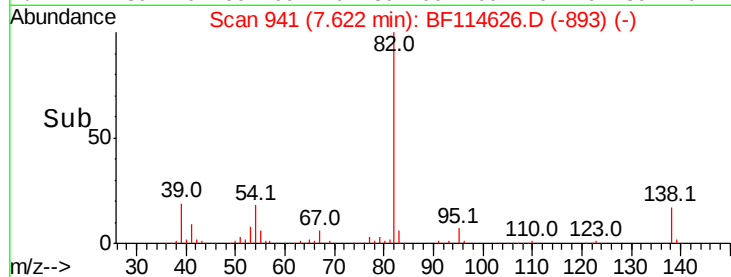
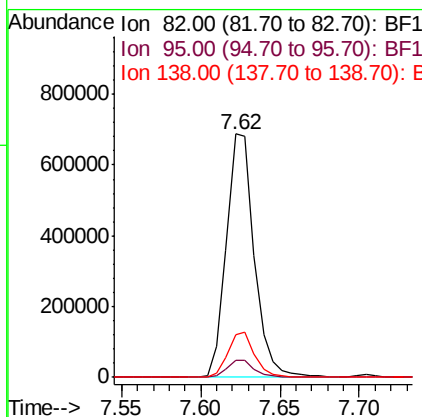
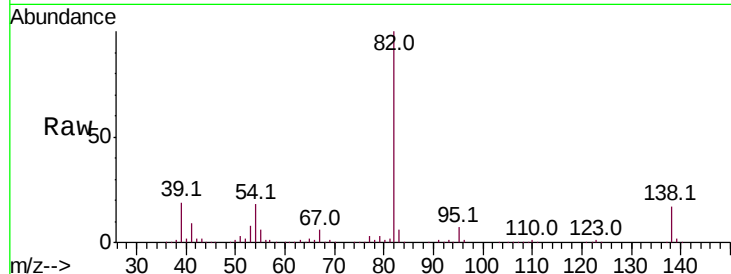
ClientSampleId :

PB120038BSD

Tot Ion:	82	Resp:	840646
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.6	8.4
138	17.4	14.8	22.2

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#26

2-Nitrophenol

Concen: 38.490 ng

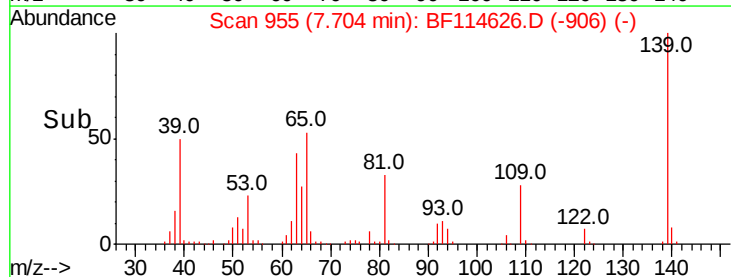
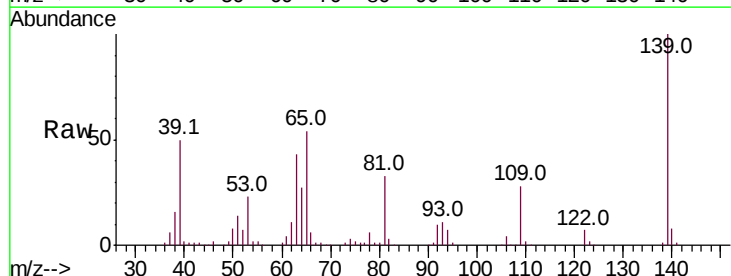
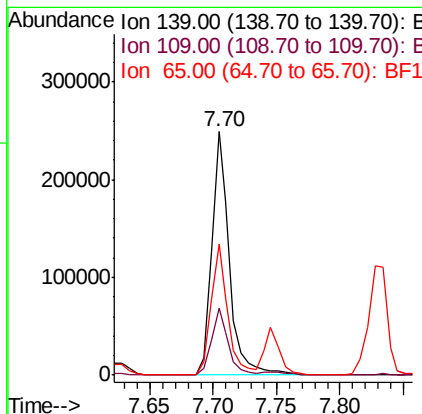
RT: 7.70 min Scan# 955

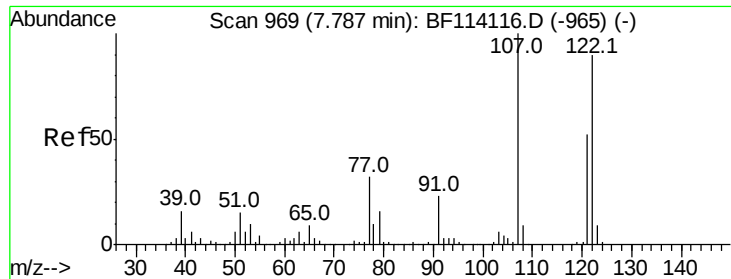
Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	139	Resp:	242900
Ion Ratio	Lower	Upper	
139	100		
109	27.7	20.7	31.1
65	53.6	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 39.006 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

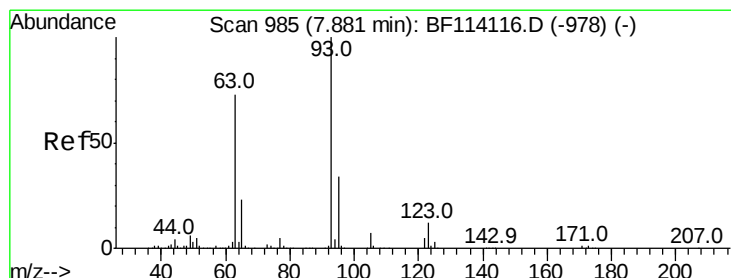
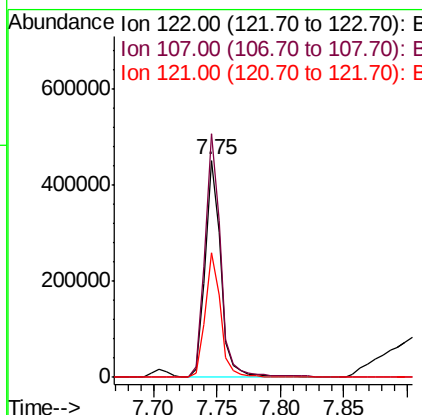
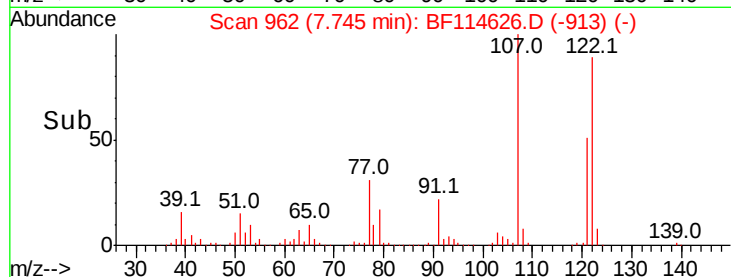
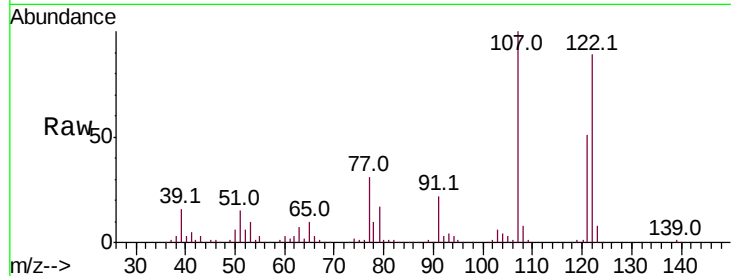
ClientSampleId :

PB120038BSD

Tot Ion:	122	Resp:	386606
Ion Ratio	Lower	Upper	
122	100		
107	112.3	88.4	132.6
121	57.4	45.9	68.9

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#28

bis(2-Chloroethoxy)methane

Concen: 34.700 ng

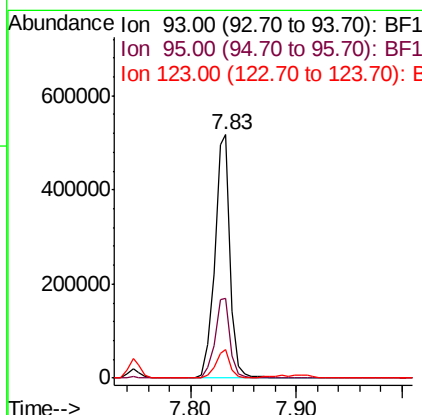
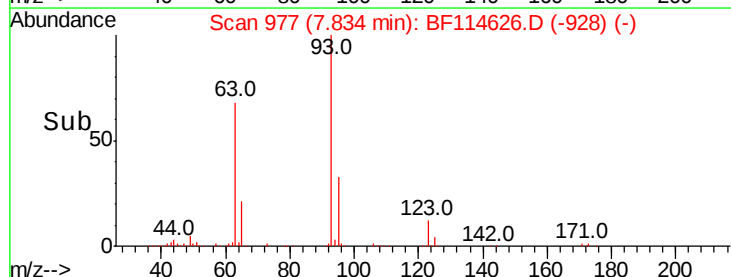
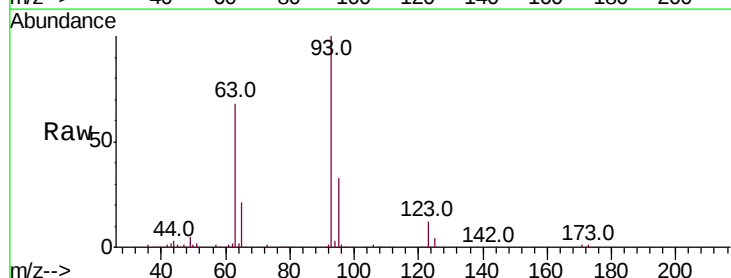
RT: 7.83 min Scan# 977

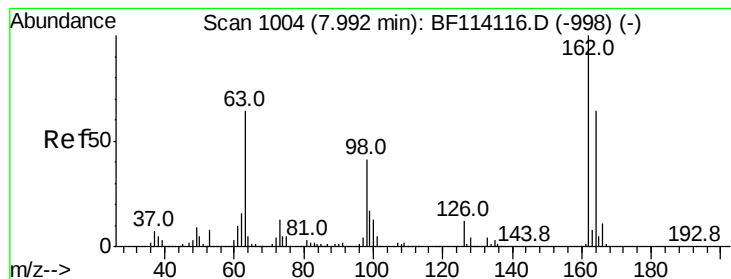
Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	93	Resp:	533267
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.8	40.2
123	11.8	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 37.336 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

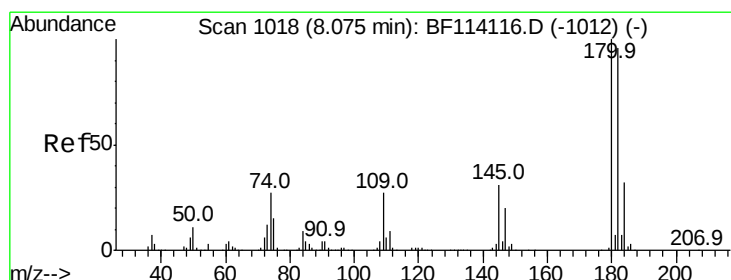
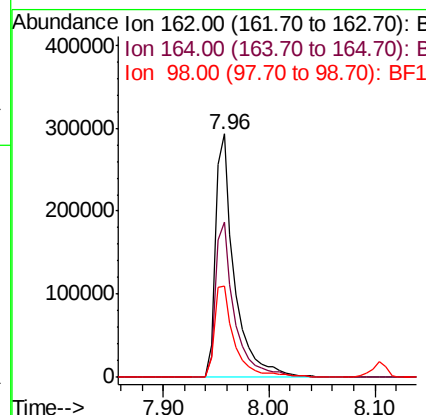
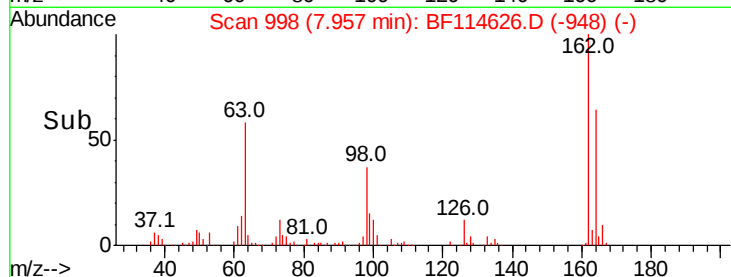
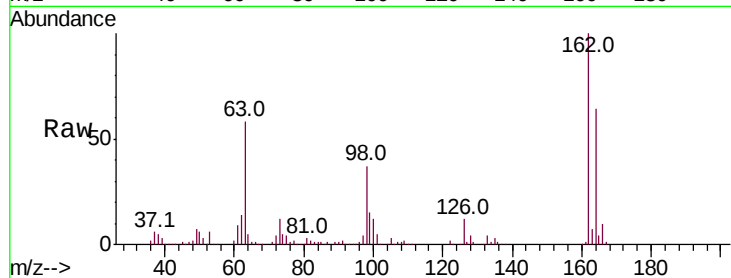
ClientSampleId :

PB120038BSD

Tot Ion:	162	Resp:	368488
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.6	83.6
98	37.3	20.6	60.6

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#30

1,2,4-Trichlorobenzene

Concen: 35.498 ng

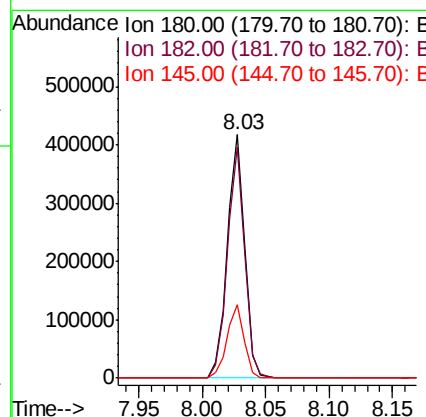
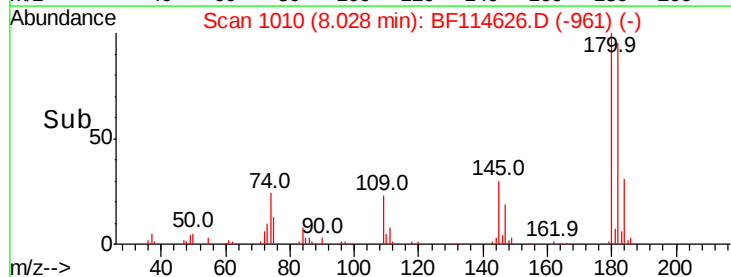
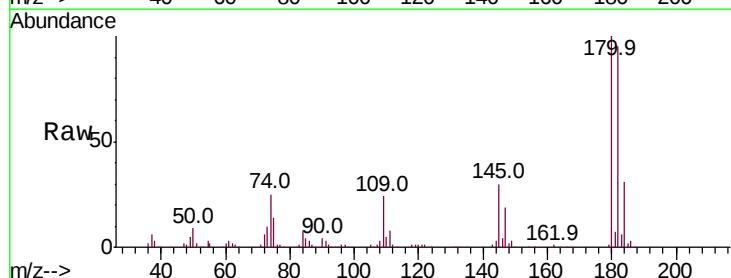
RT: 8.03 min Scan# 1010

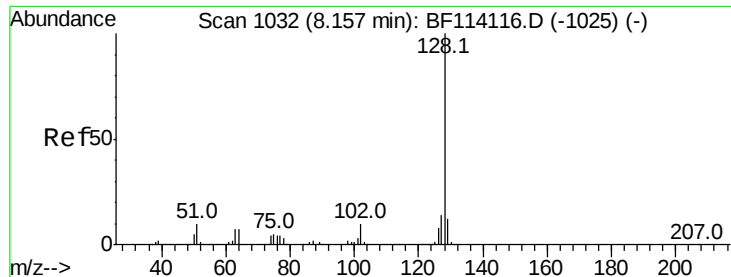
Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	180	Resp:	398390
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.6	114.8
145	30.0	25.1	37.7





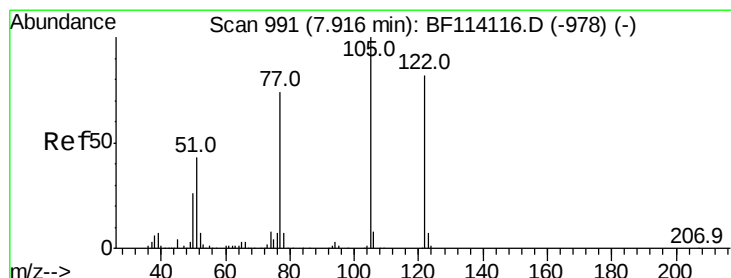
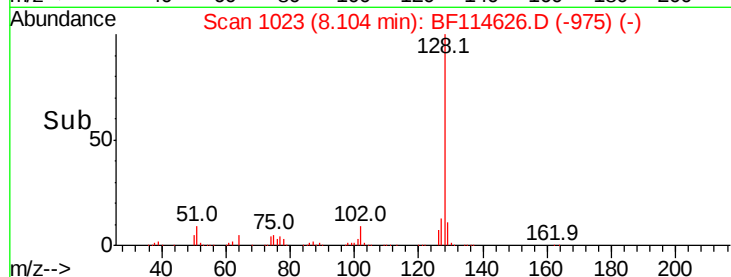
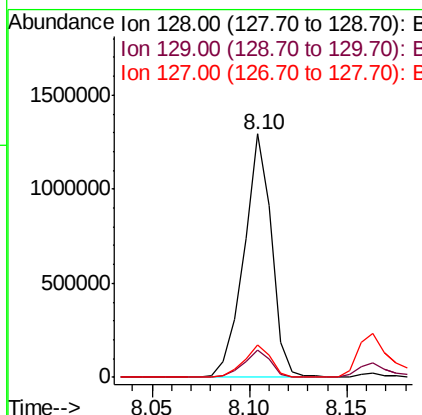
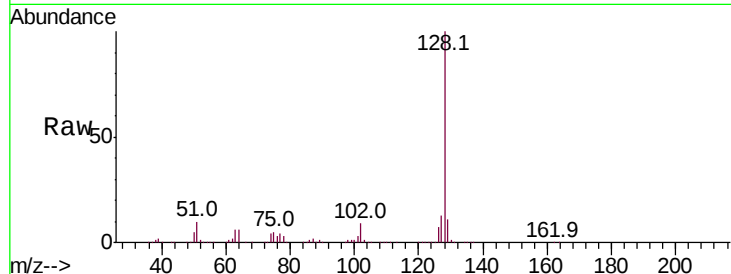
#31
Naphthalene
Concen: 37.809 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.5	11.3	16.9

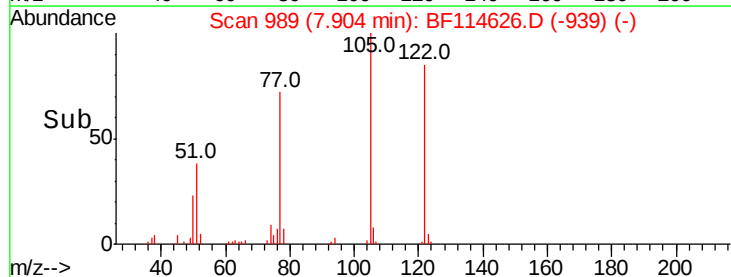
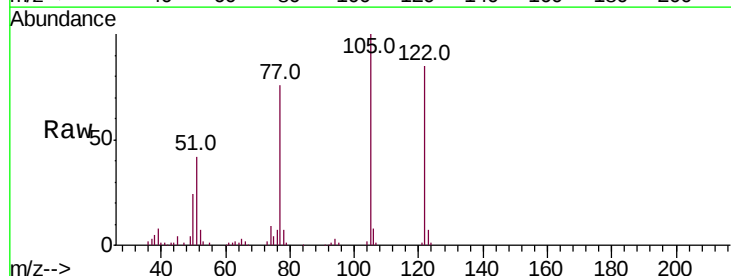
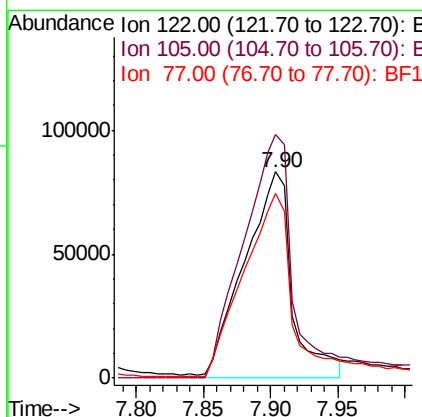
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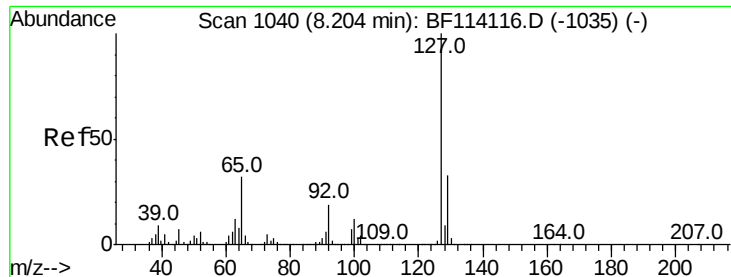
mohammad
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#32
Benzoic acid
Concen: 31.884 ng m
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	99.9	139.9
77	89.7	69.4	109.4





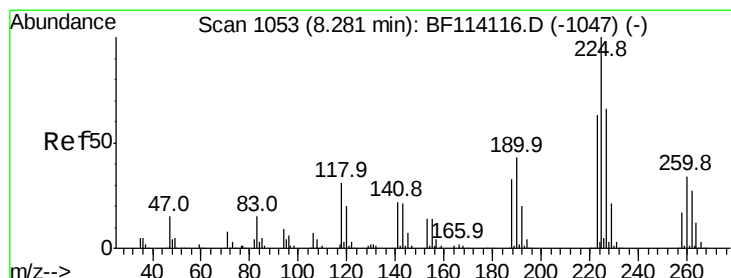
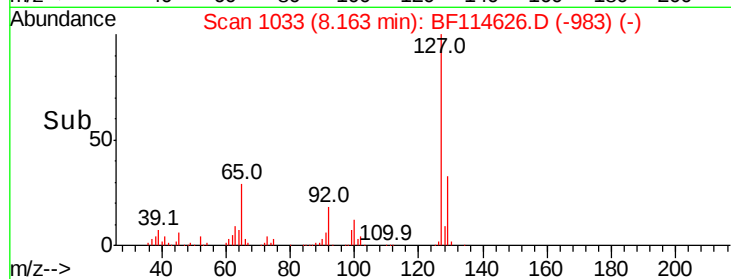
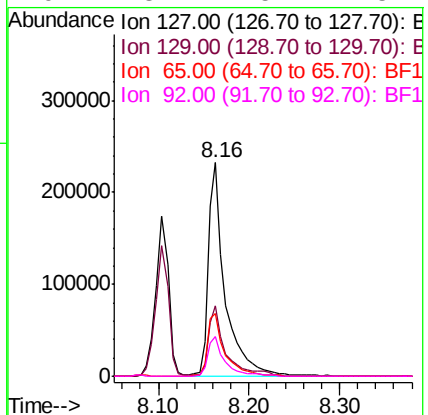
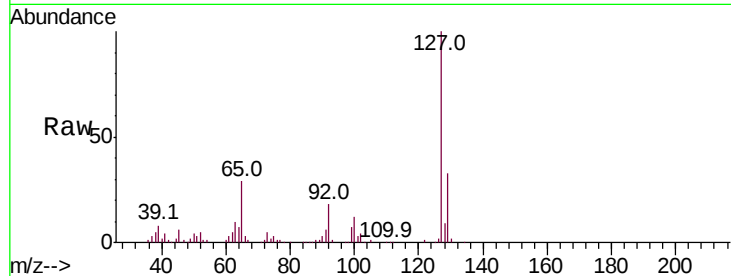
#33
4-Chloroaniline
Concen: 19.682 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	33.0	26.7	40.1
65	29.5	25.4	38.0
92	18.4	15.4	23.2

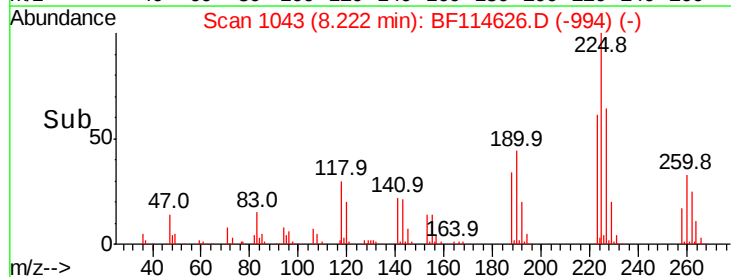
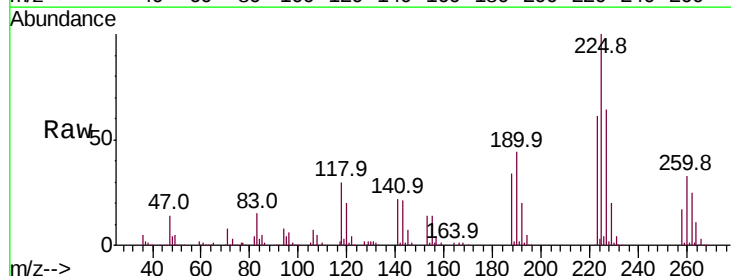
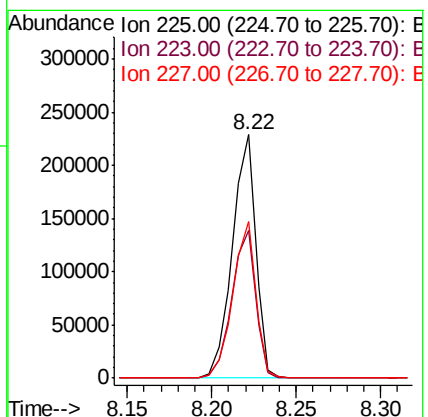
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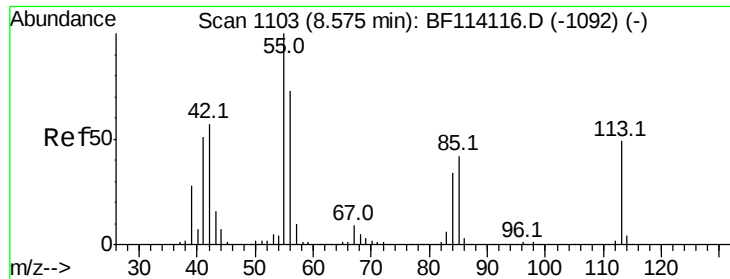
mohammad
5/27/2019 3:50:41 AM



#34
Hexachlorobutadiene
Concen: 34.537 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	60.7	50.2	75.2
227	64.2	52.6	79.0





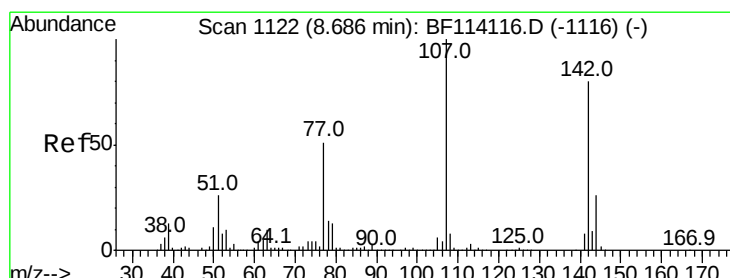
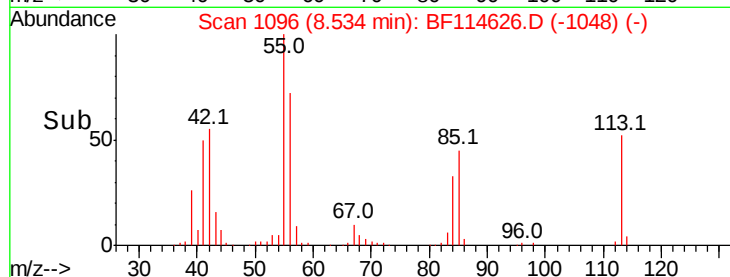
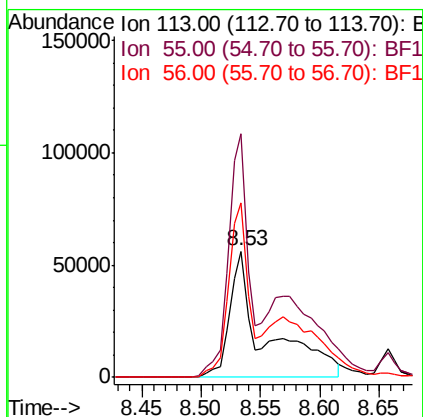
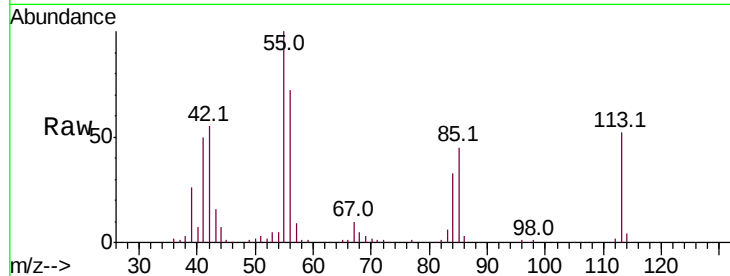
#35
 Caprolactam
 Concen: 36.129 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	193.2	183.5	223.5
56	138.8	128.8	168.8

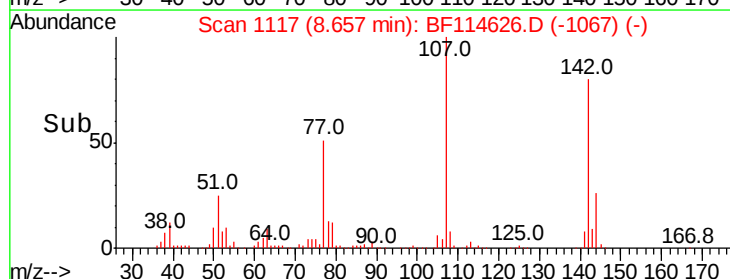
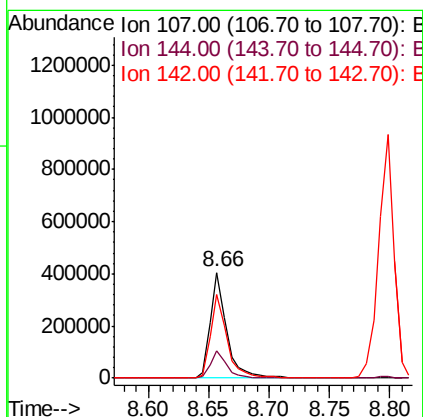
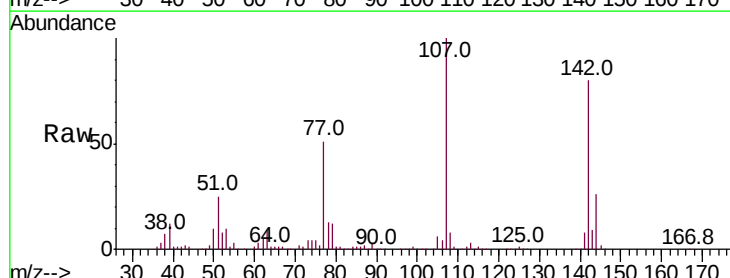
Manual Integrations
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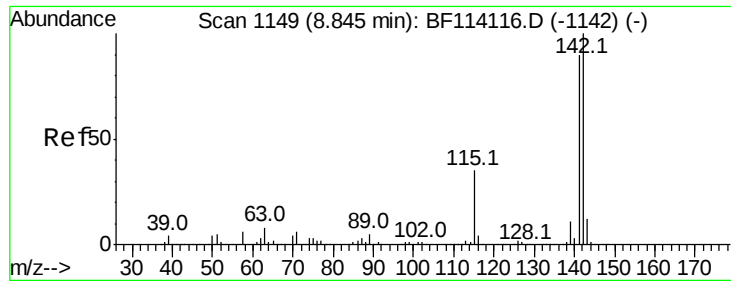
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.100 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.4	30.6
142	79.6	64.2	96.4





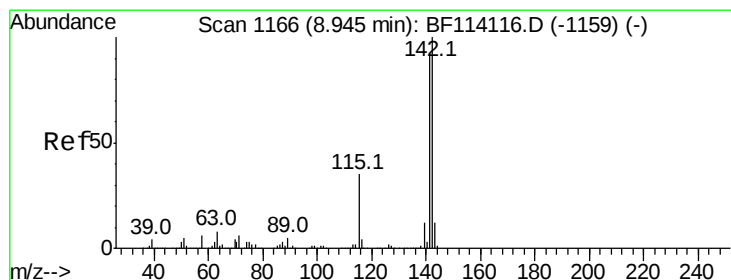
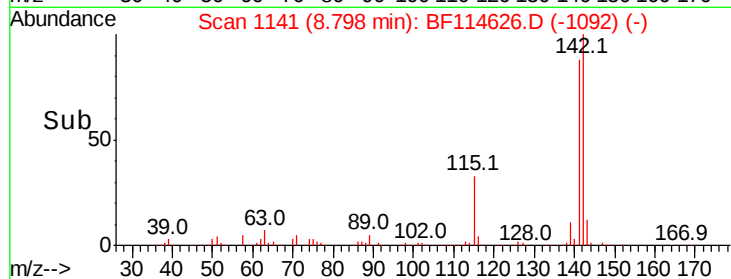
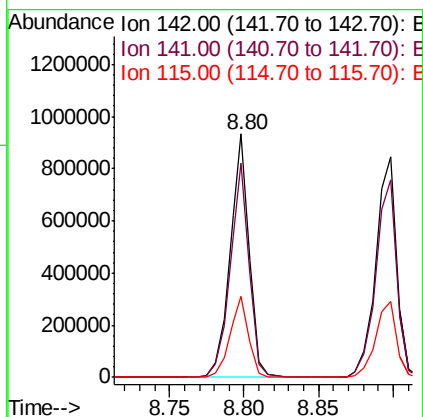
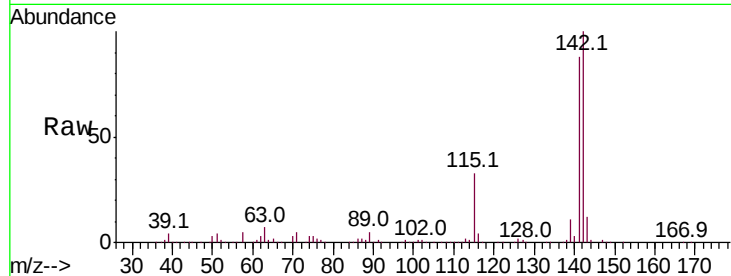
#37
2-Methylnaphthalene
Concen: 38.698 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	72.1	108.1
115	33.5	28.0	42.0

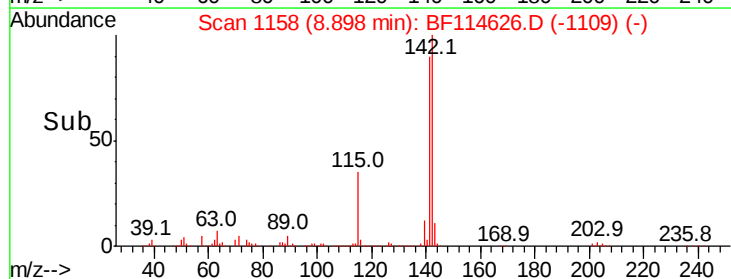
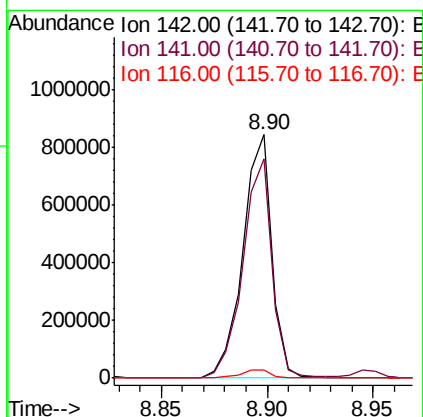
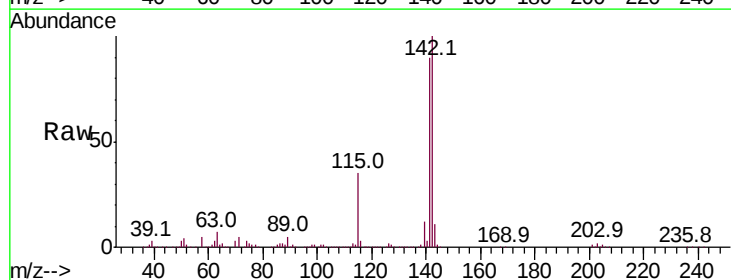
Manual Integrations
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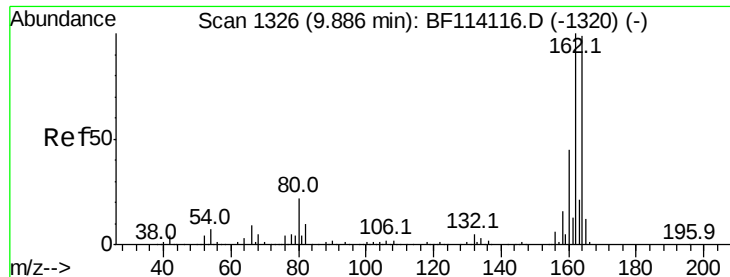
mohammad
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#38
1-Methylnaphthalene
Concen: 39.379 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.4	110.0
116	3.3	3.1	4.7





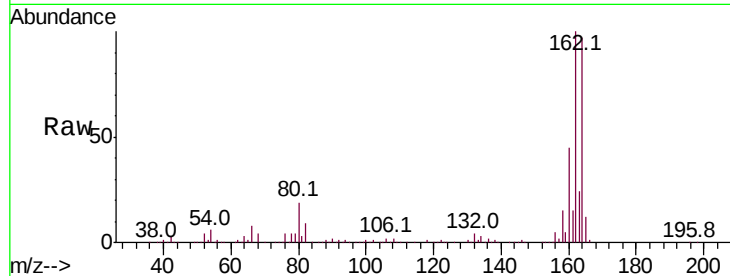
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	80.6	120.8	
160	46.5	36.5	54.7	

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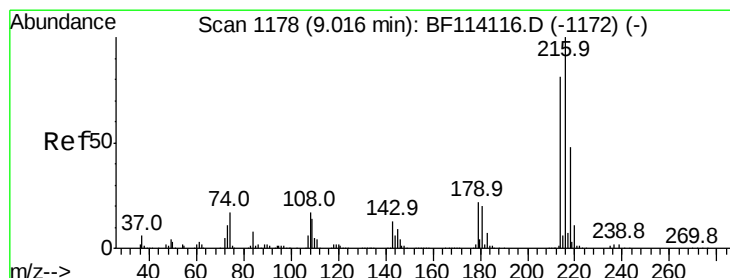
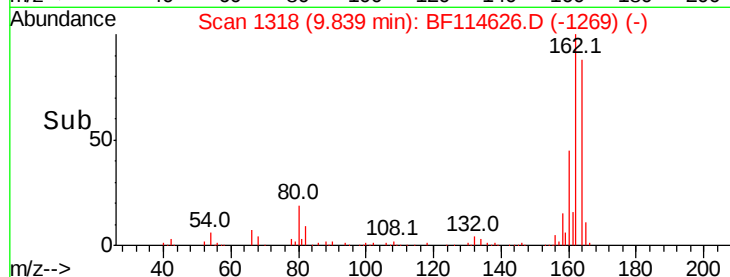
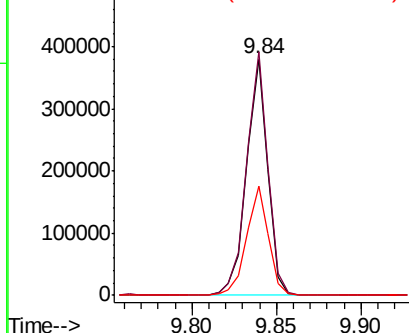


Abundance

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: 37.793 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.9	95.9	
179	21.3	17.0	25.6	
108	18.6	14.8	22.2	

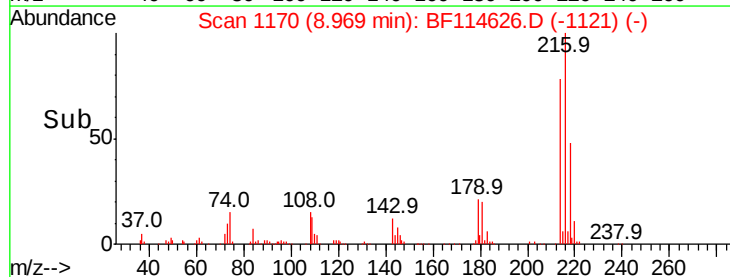
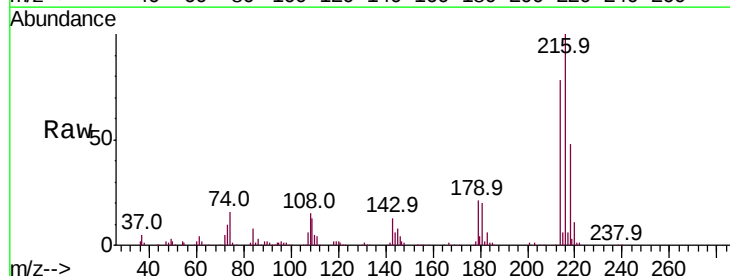
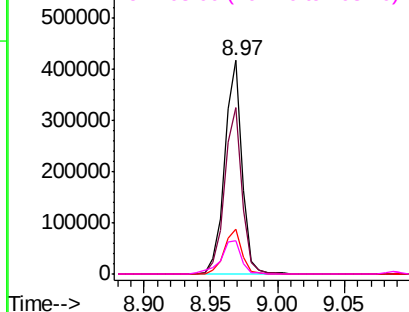
Abundance

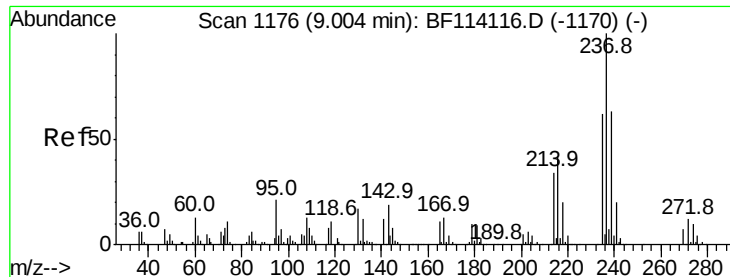
Ion 216.00 (215.70 to 216.70): E

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: 41.034 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

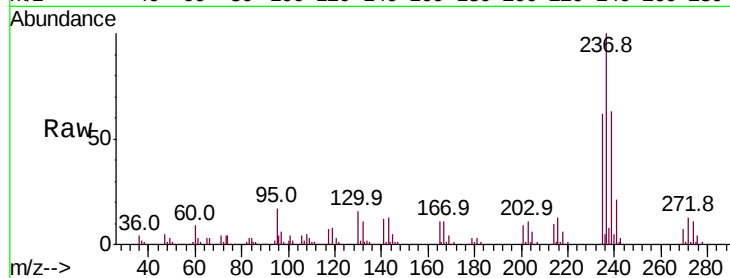
ClientSampleId :

PB120038BSD

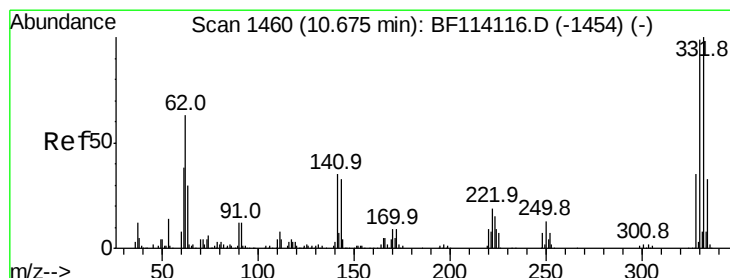
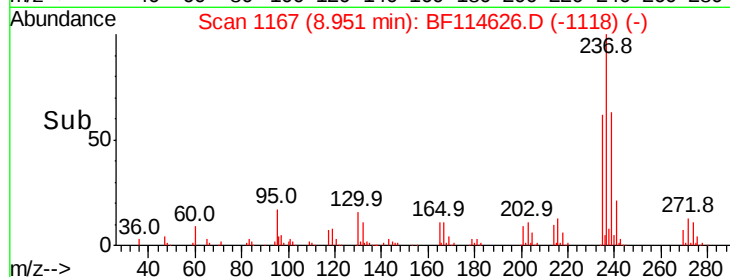
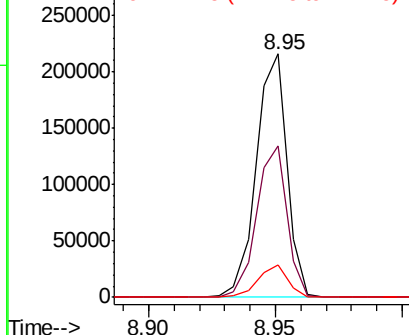
Tot Ion:	237	Resp:	183255
Ion Ratio	Lower	Upper	
237	100		
235	62.2	42.0	82.0
272	13.3	0.0	32.4

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



#42

2,4,6-Tribromophenol

Concen: 99.908 ng

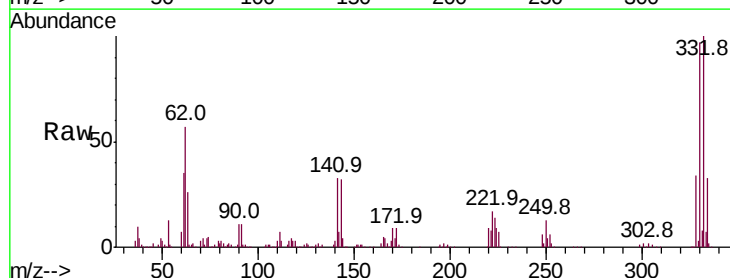
RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

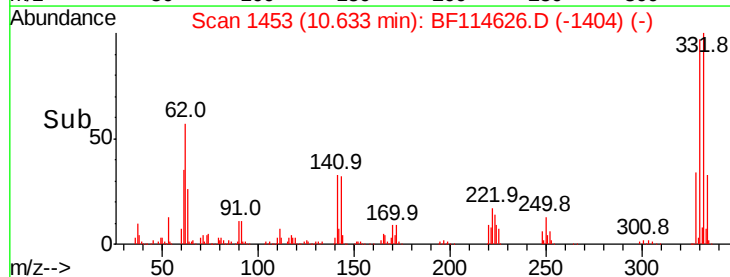
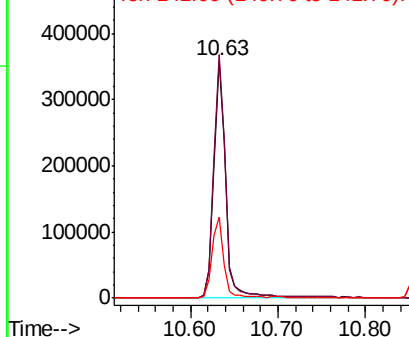
Lab File: BF114626.D

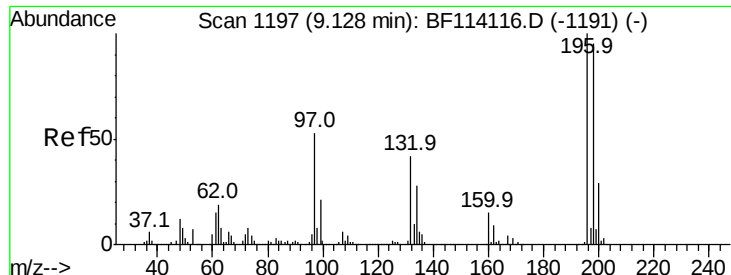
Acq: 26 May 2019 2:48

Tgt Ion:	330	Resp:	345605
Ion Ratio	Lower	Upper	
330	100		
332	103.3	81.4	122.2
141	33.4	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





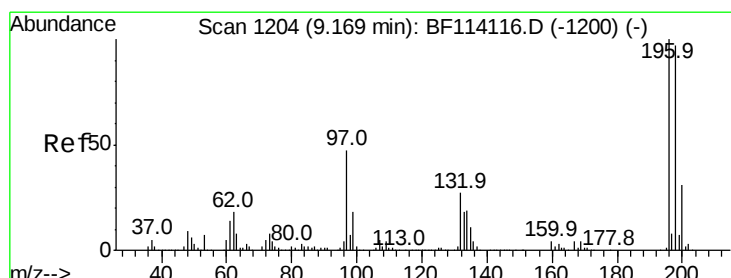
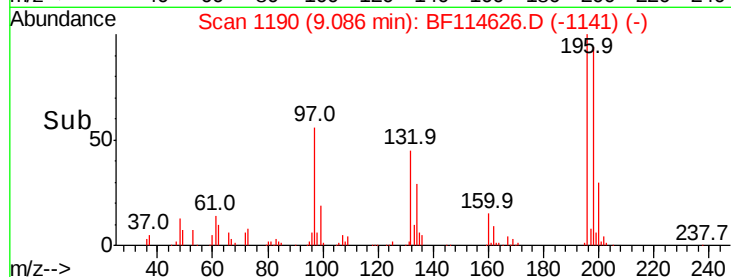
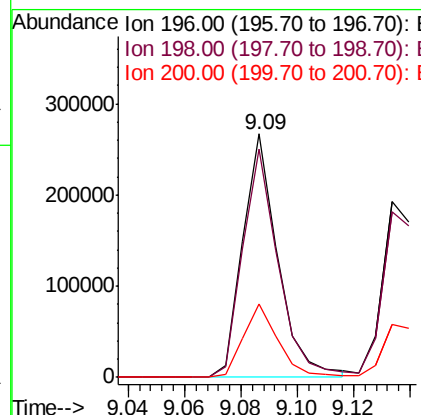
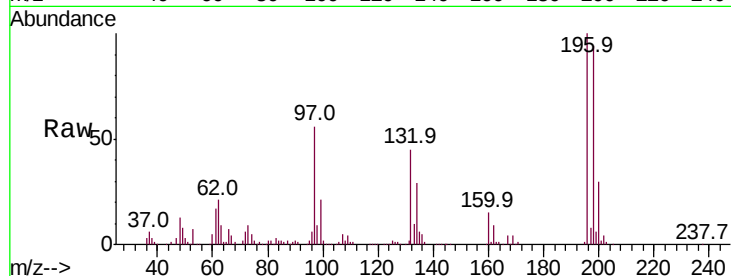
#43
 2,4,6-Trichlorophenol
 Concen: 32.955 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	229752		
198	93.6	75.9	113.9	
200	30.1	23.5	35.3	

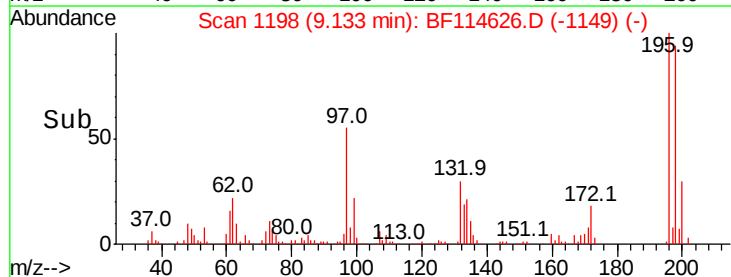
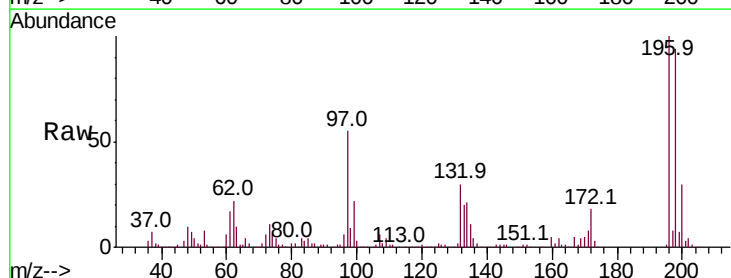
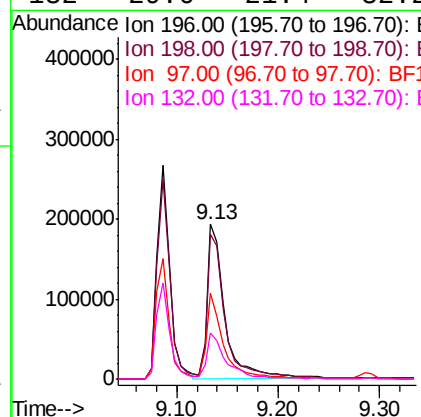
Manual Integrations
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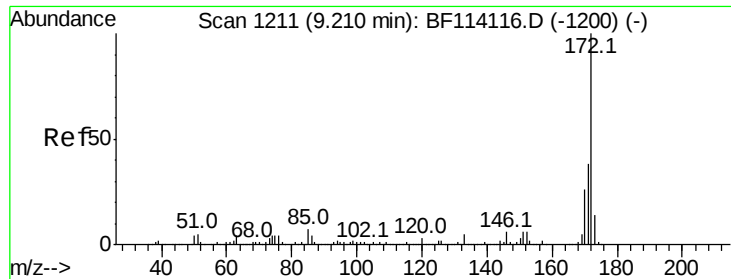
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 32.830 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234727		
198	94.0	77.7	116.5	
97	55.4	38.2	57.2	
132	29.6	21.4	32.2	





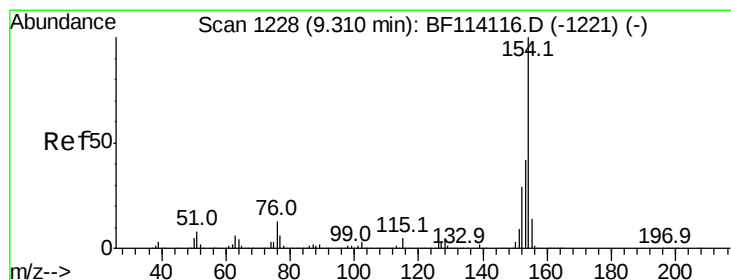
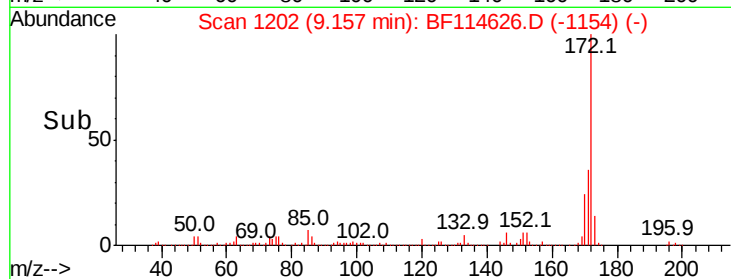
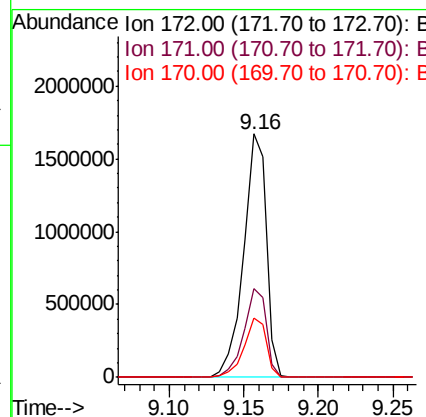
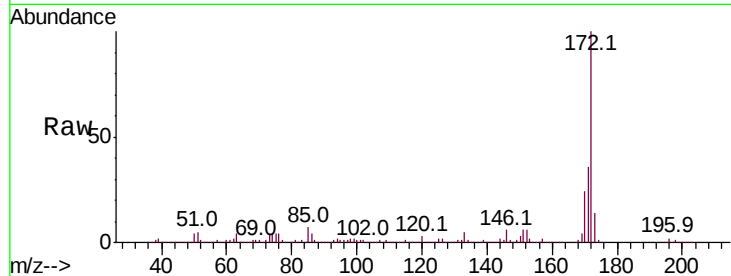
#45
2-Fluorobiphenyl
Concen: 80.296 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.3	20.5	30.7

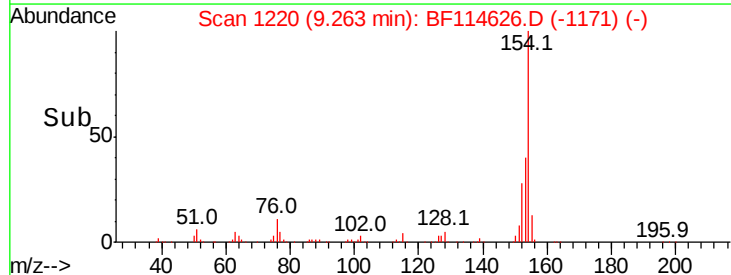
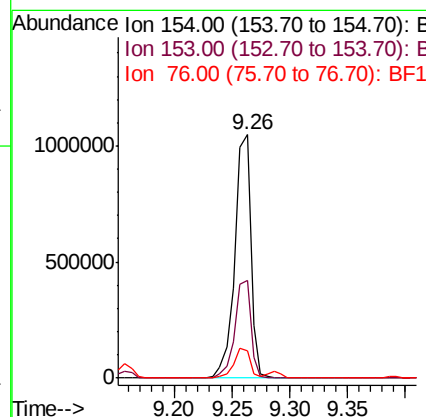
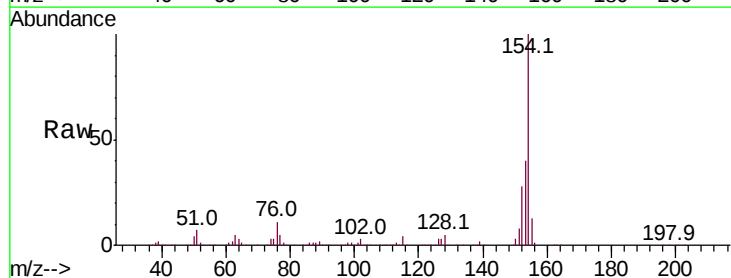
Manual Integrations
APPROVED

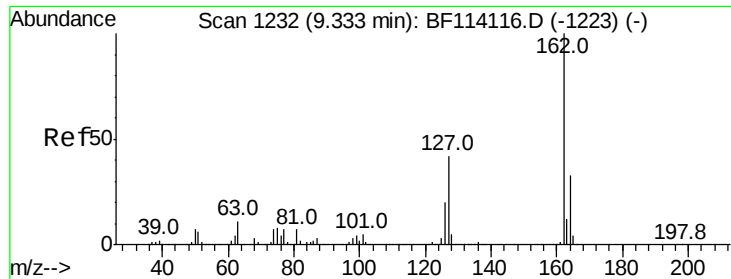
mohammad
5/27/2019 3:50:41 AM



#46
1,1'-Biphenyl
Concen: 37.522 ng
RT: 9.26 min Scan# 1220
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.9	61.9
76	11.2	0.0	32.8





#47

2-Chloronaphthalene

Concen: 35.771 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

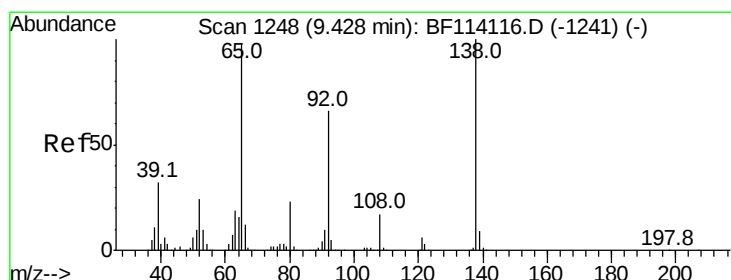
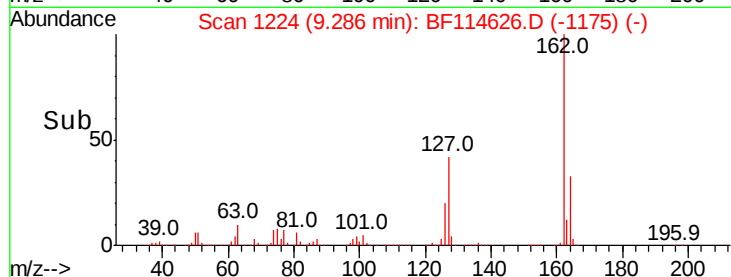
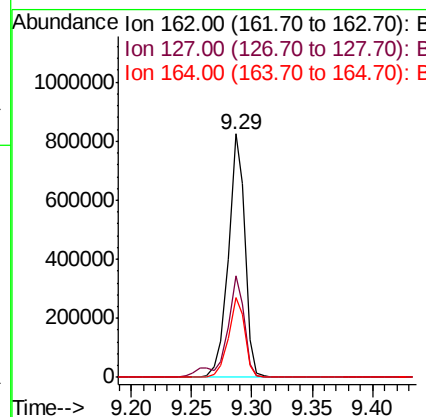
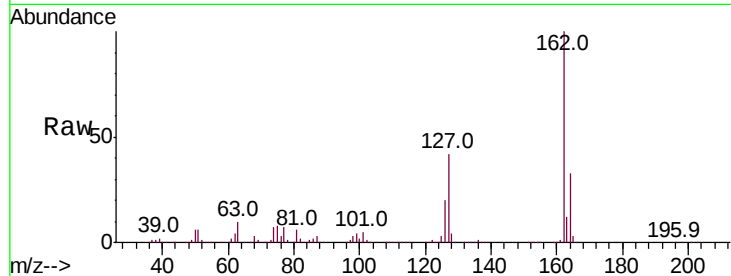
ClientSampled :

PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	778177		
127	41.9	34.0	51.0	
164	32.8	26.7	40.1	

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#48

2-Nitroaniline

Concen: 34.101 ng

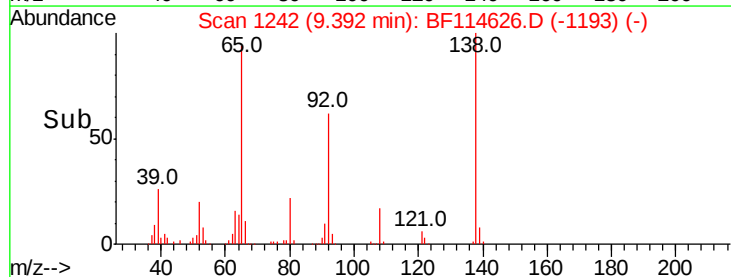
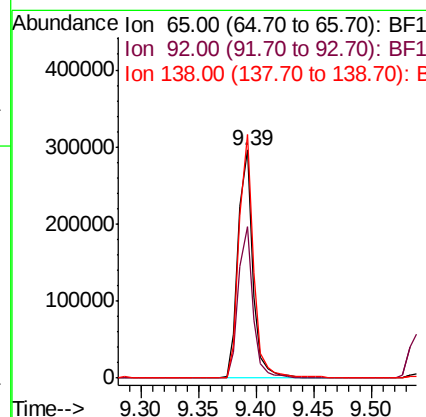
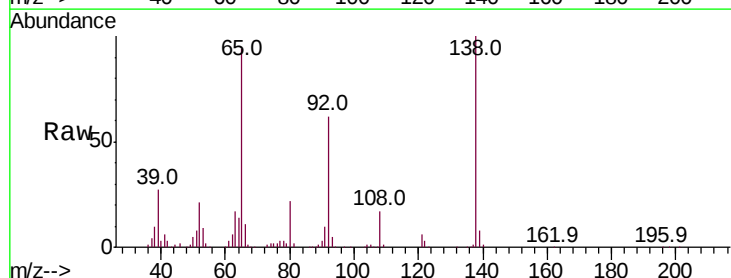
RT: 9.39 min Scan# 1242

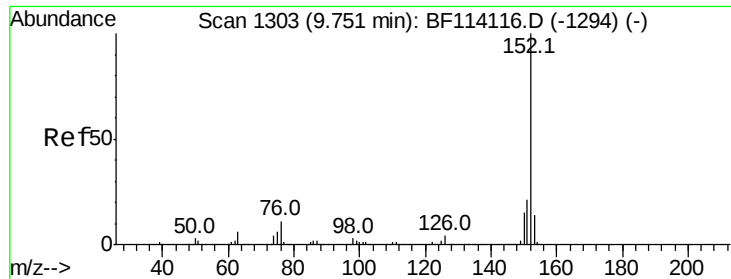
Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	263094		
92	66.6	53.9	80.9	
138	106.8	81.4	122.0	





#49

Acenaphthylene

Concen: 36.409 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:152 Resp: 1204680

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

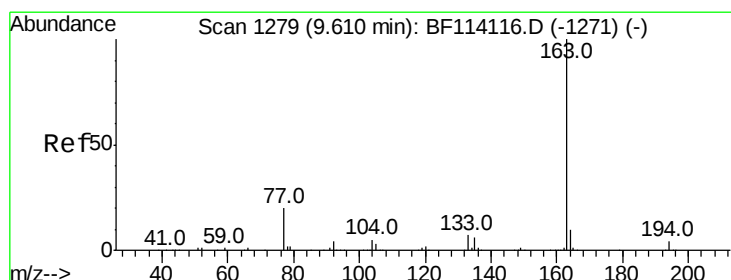
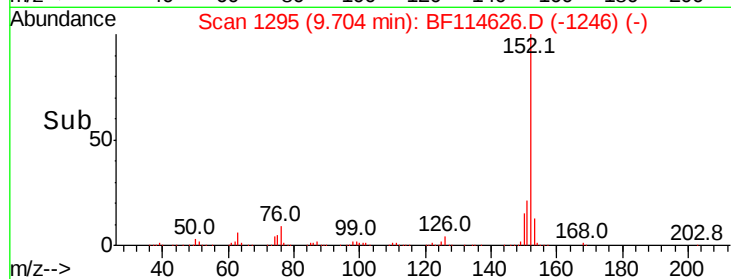
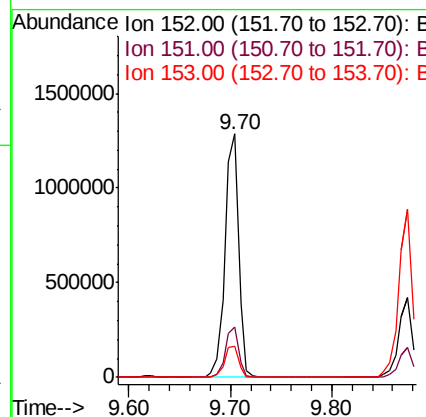
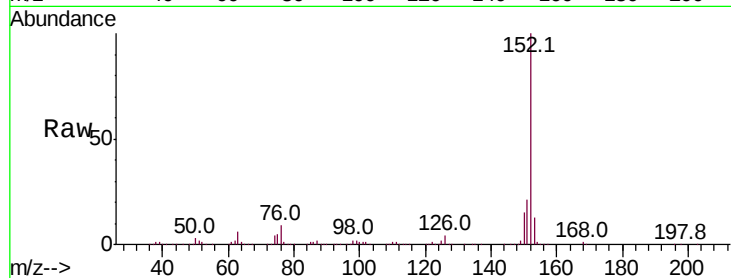
153 13.0 11.4 17.2

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#50

Dimethylphthalate

Concen: 35.114 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

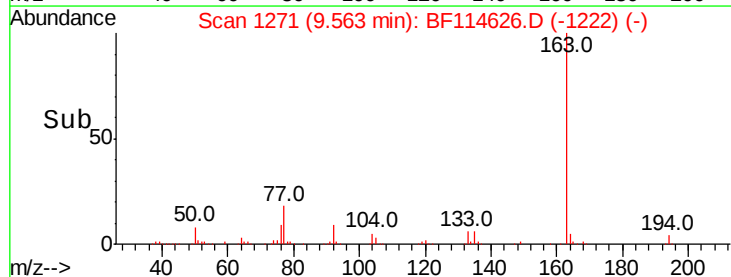
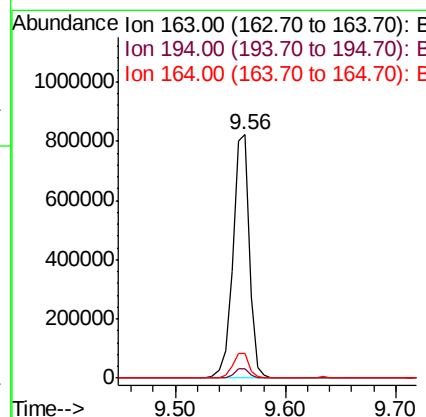
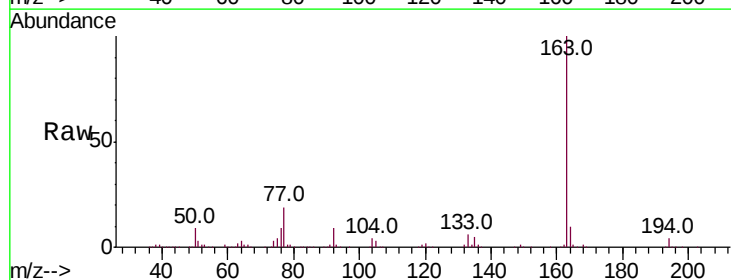
Tgt Ion:163 Resp: 862499

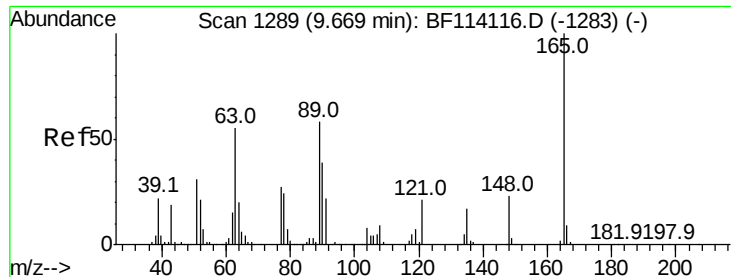
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 36.069 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:165 Resp: 196509

Ion Ratio Lower Upper

165 100

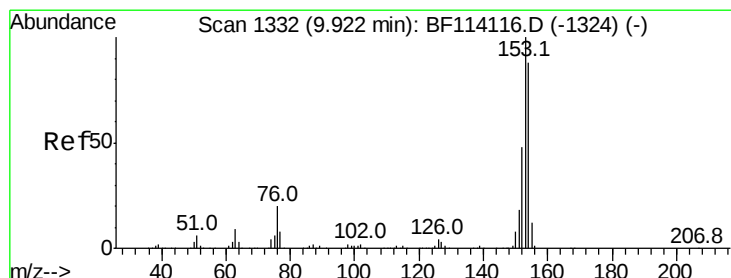
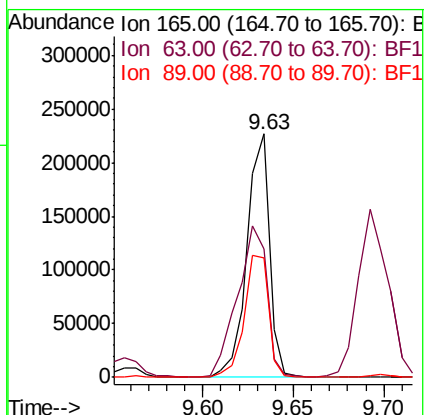
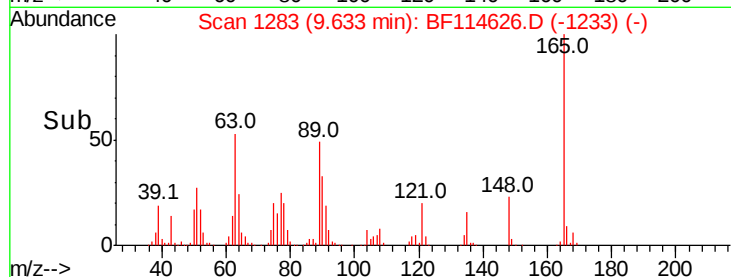
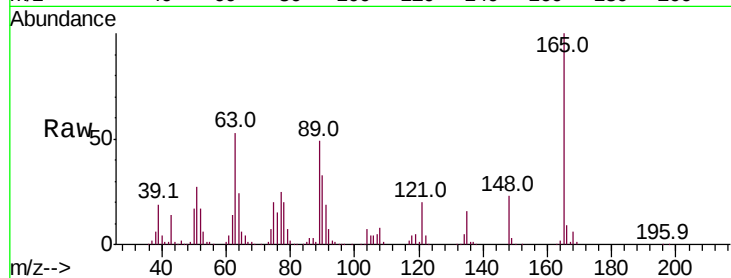
63 52.7 50.2 75.4

89 49.0 46.6 69.8

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#52

Acenaphthene

Concen: 35.487 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

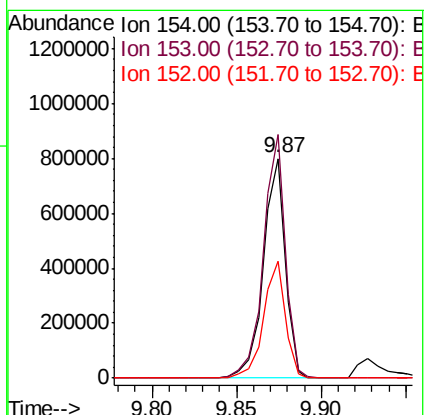
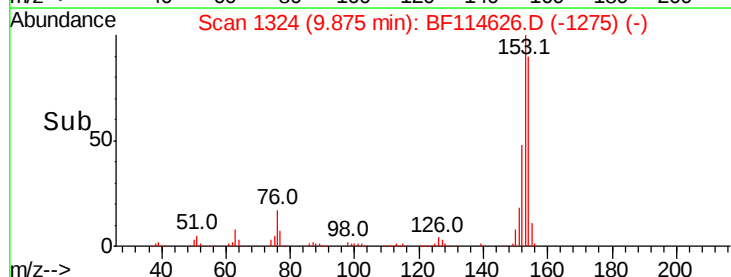
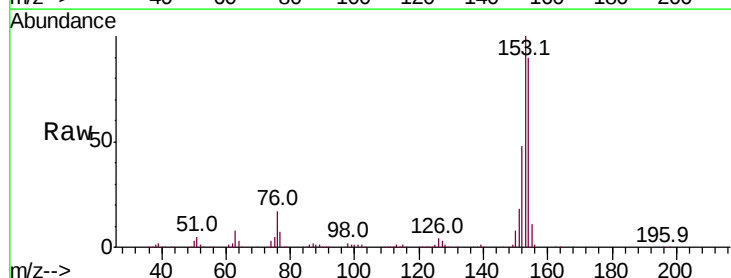
Tgt Ion:154 Resp: 720518

Ion Ratio Lower Upper

154 100

153 110.9 90.5 135.7

152 53.0 43.4 65.2





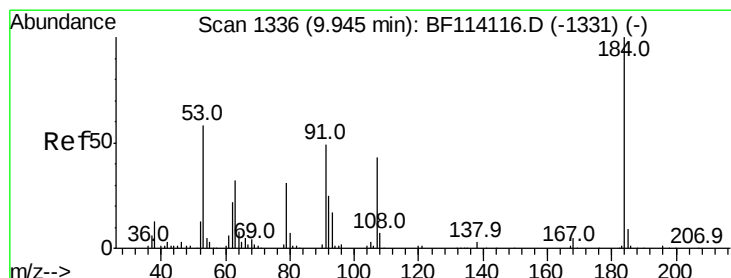
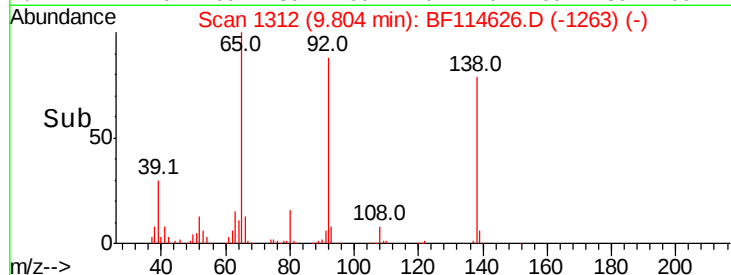
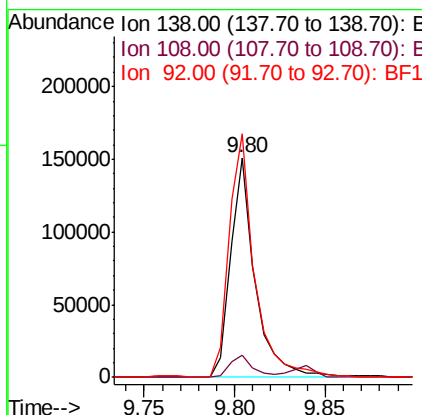
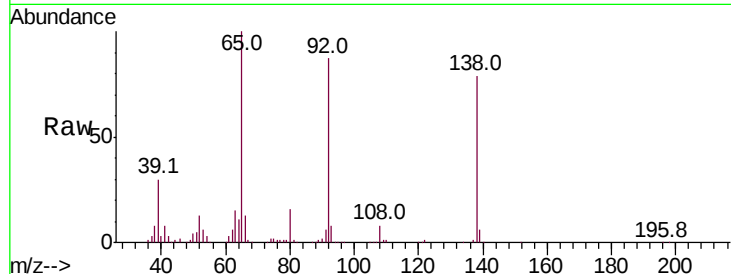
#53
3-Nitroaniline
Concen: 21.032 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.2	7.8	11.6	
92	111.0	91.2	136.8	

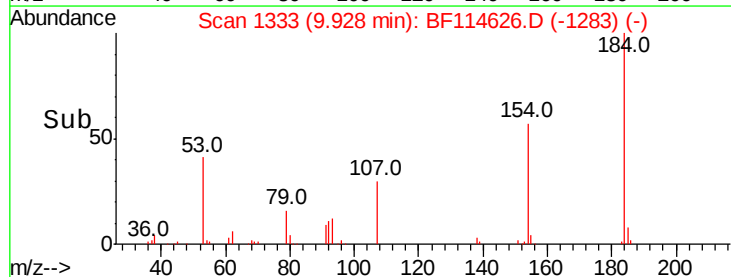
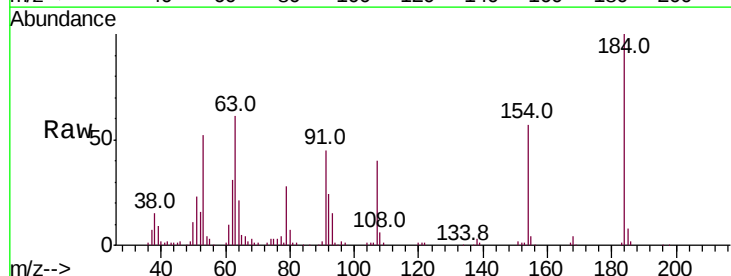
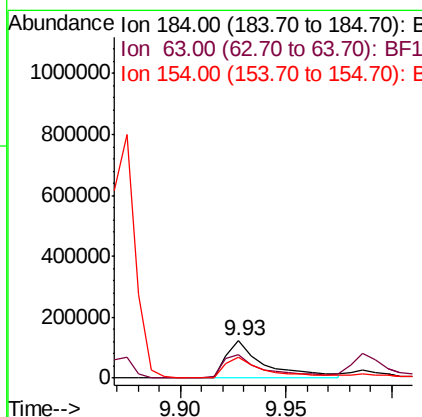
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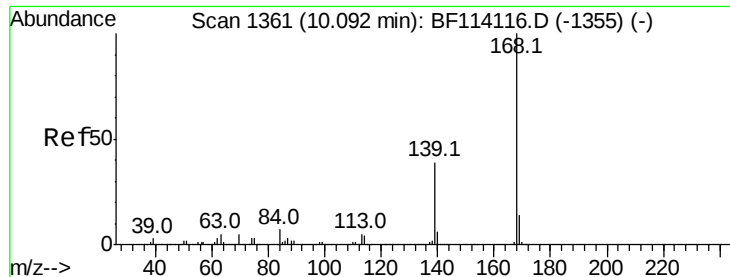
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#54
2,4-Dinitrophenol
Concen: 58.458 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.1	55.6	83.4	
154	56.7	46.0	69.0	





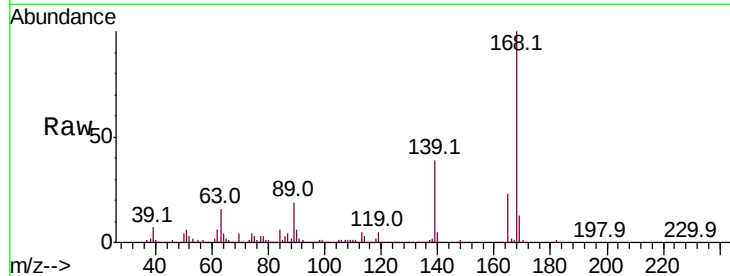
#55
Dibenzofuran
Concen: 34.626 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	31.1	46.7
169	13.5	11.4	17.0

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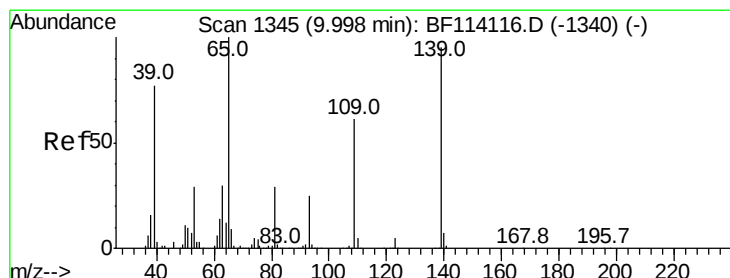
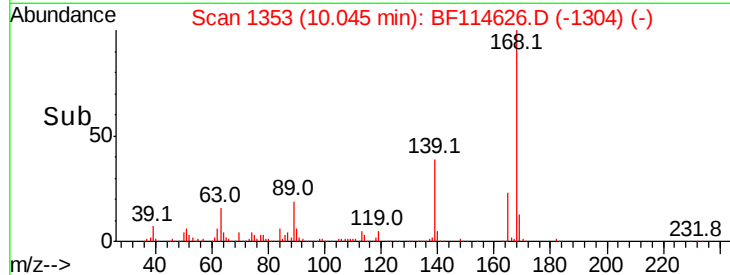
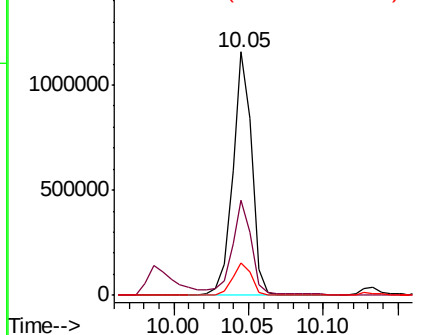


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 39.091 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

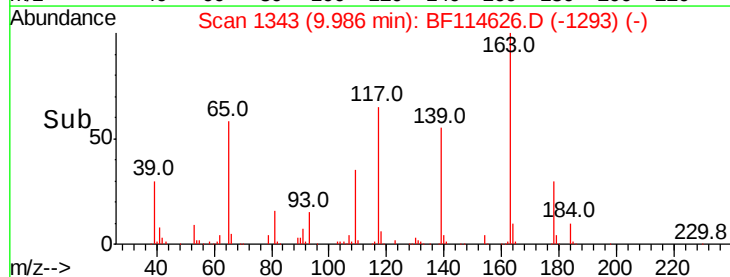
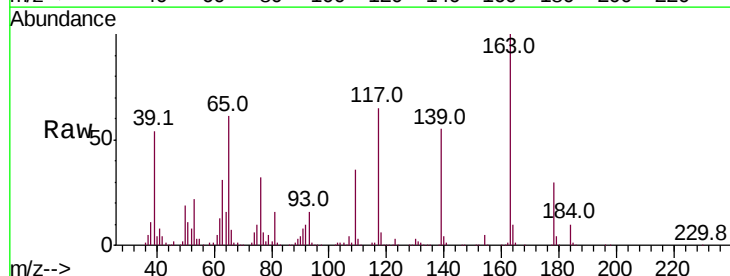
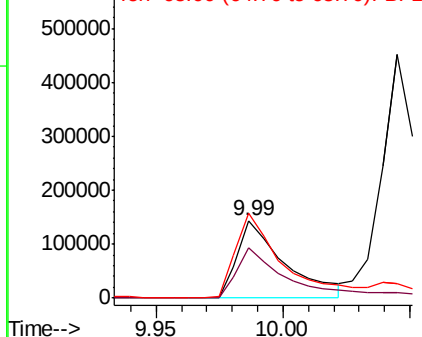
Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.6	43.9	83.9
65	110.1	85.7	125.7

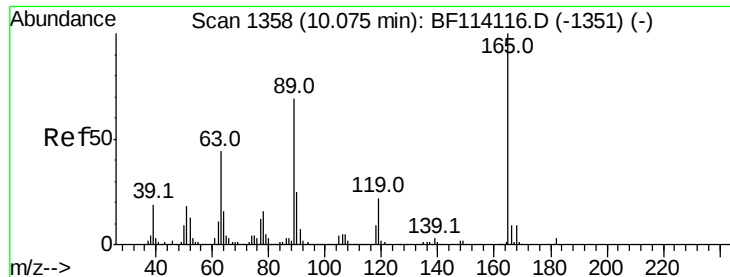
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





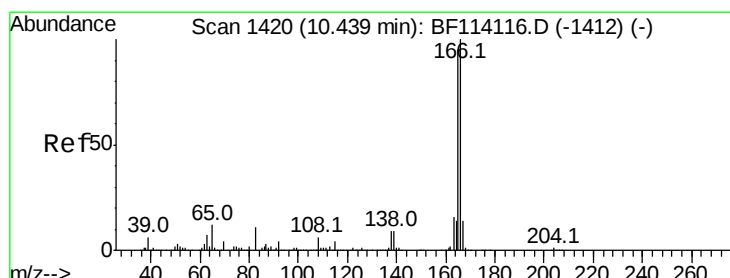
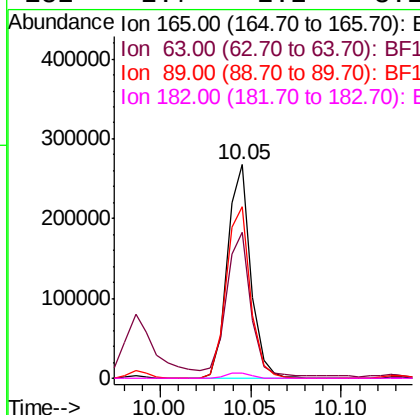
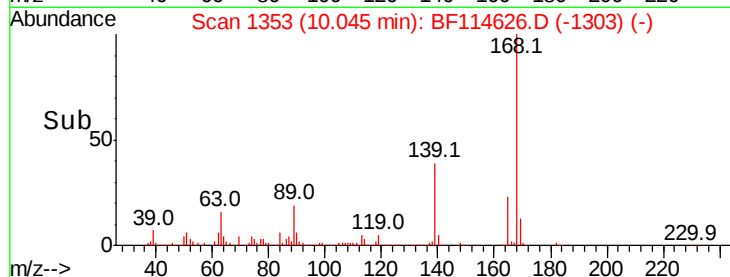
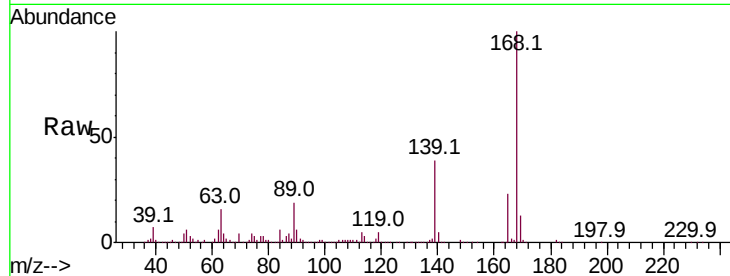
#57
 2,4-Dinitrotoluene
 Concen: 32.386 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239485		
63	68.4	35.5	53.3#	
89	80.3	55.2	82.8	
182	2.7	2.2	3.2	

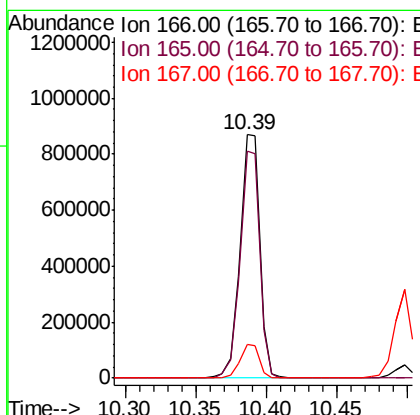
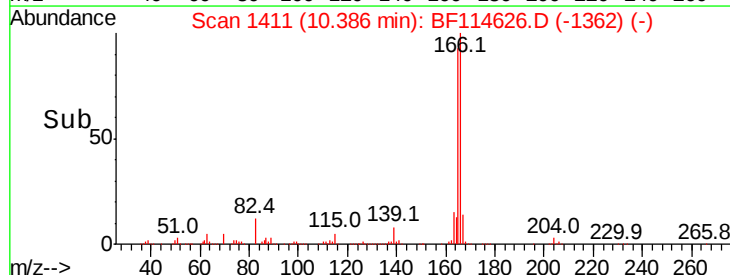
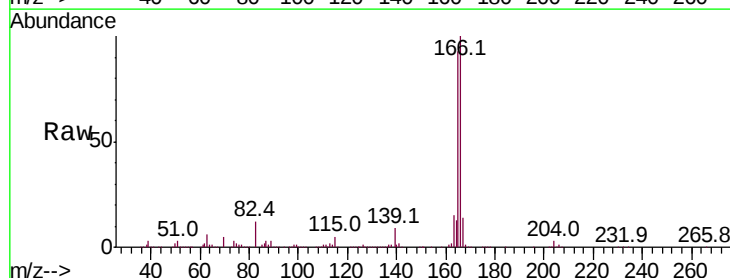
Manual Integrations
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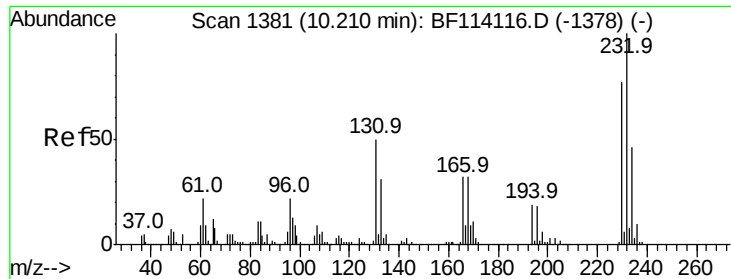
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#58
 Fluorene
 Concen: 36.750 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	845139		
165	93.1	76.1	114.1	
167	13.7	11.1	16.7	





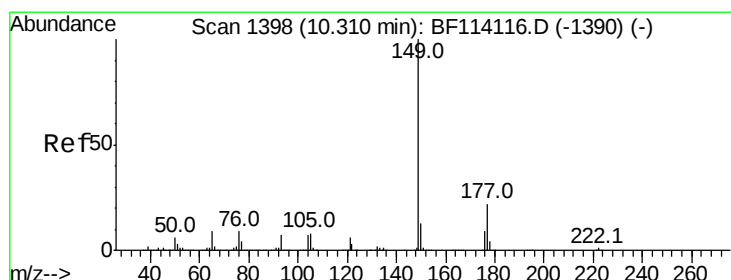
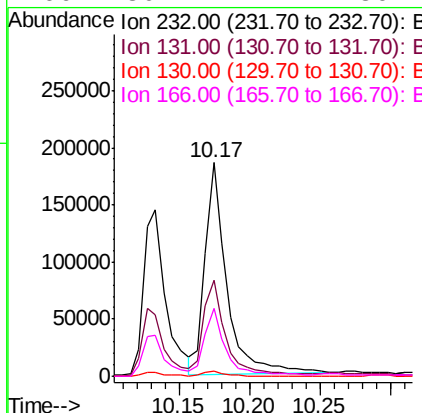
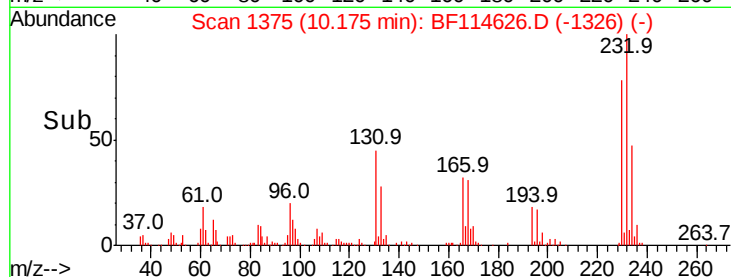
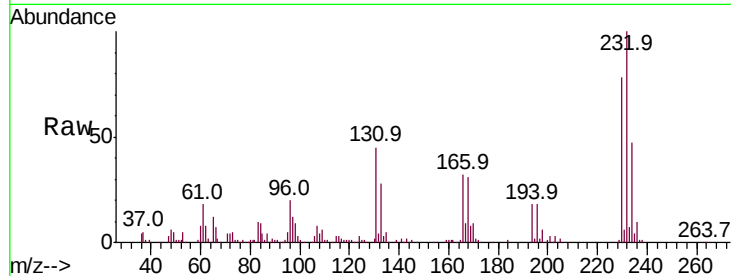
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.919 ng
 RT: 10.17 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	196915		
131	44.4	35.6	53.4	
130	2.5	1.6	2.4	
166	30.1	24.1	36.1	

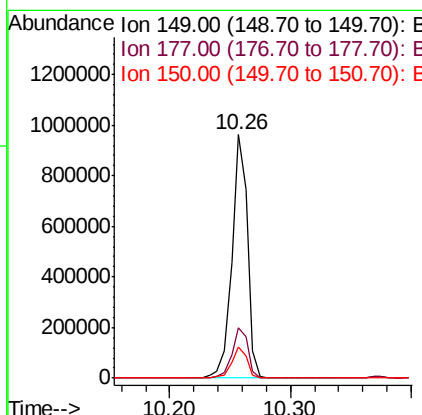
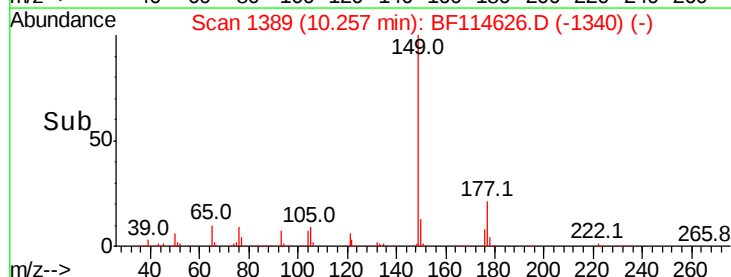
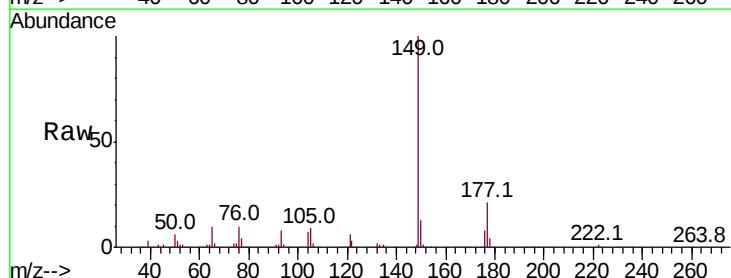
Manual Integrations
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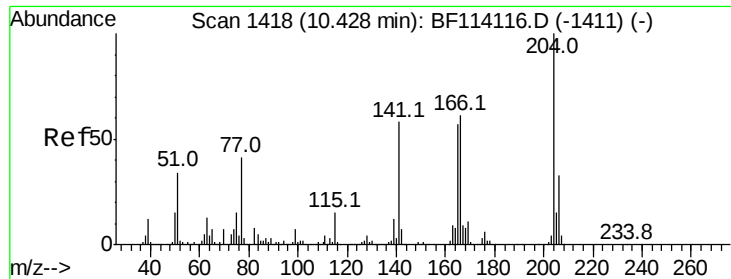
mohammad
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#60
 Diethylphthalate
 Concen: 34.494 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	860894		
177	20.7	17.8	26.6	
150	12.7	10.2	15.2	





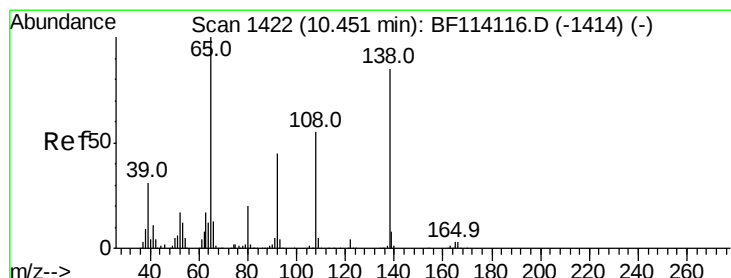
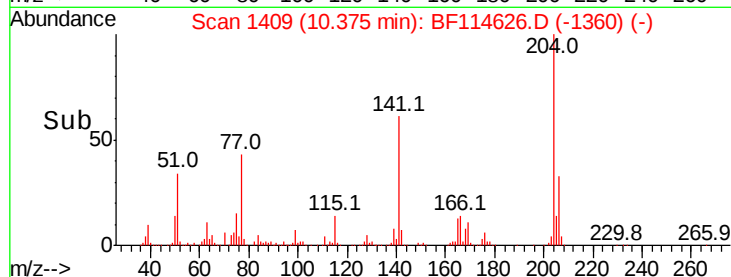
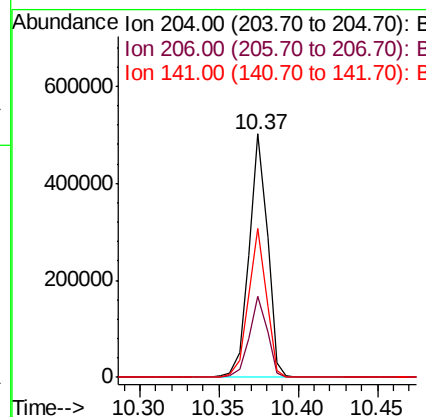
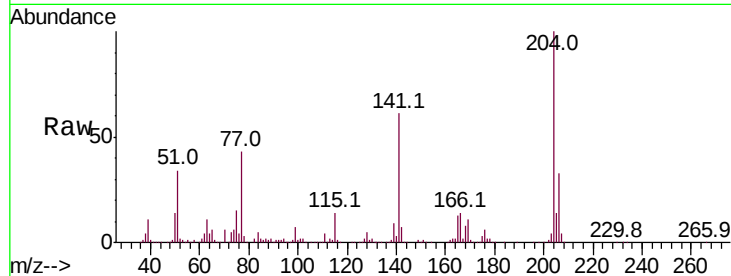
#61
4-Chlorophenyl-phenylether
Concen: 35.614 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	402257		
206	33.2	26.6	39.8	
141	61.2	46.4	69.6	

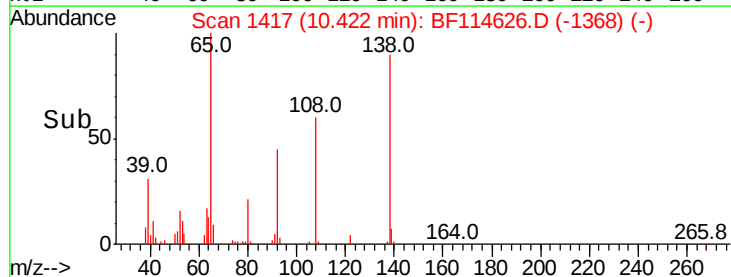
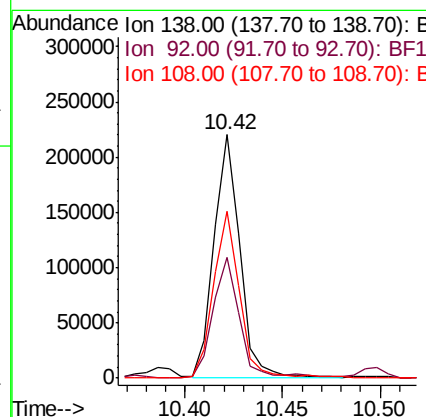
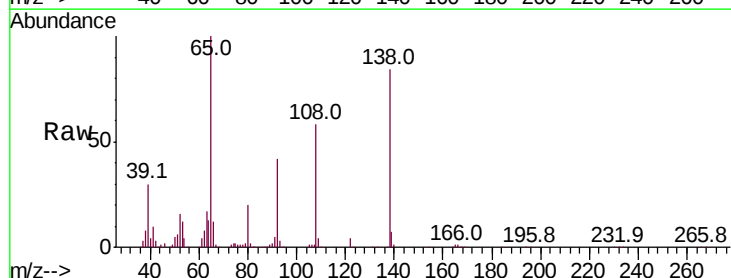
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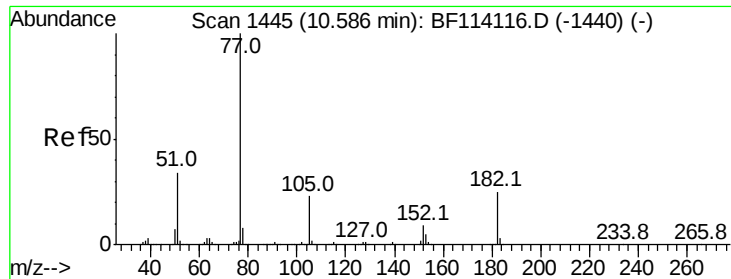
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#62
4-Nitroaniline
Concen: 28.518 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	202663		
92	49.8	33.0	73.0	
108	68.4	44.9	84.9	





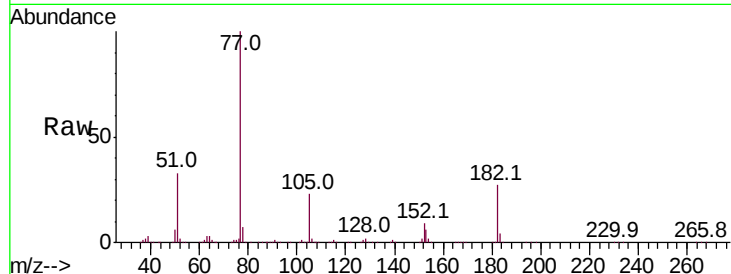
#63
Azobenzene
Concen: 34.475 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

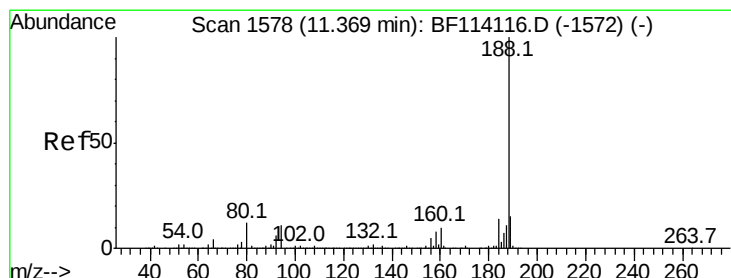
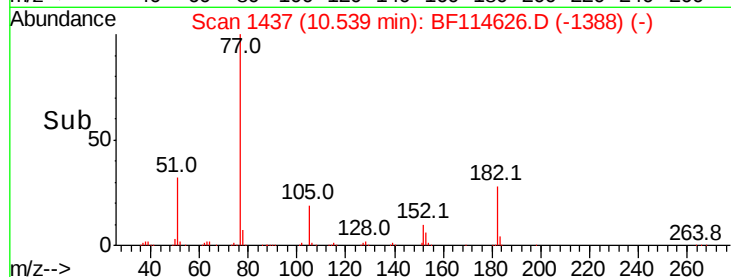
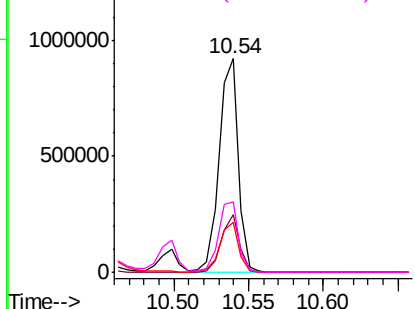
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	4.7	44.7
105	23.5	2.9	42.9
51	32.7	14.6	54.6

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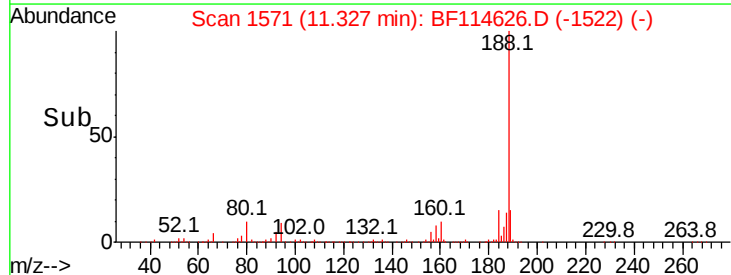
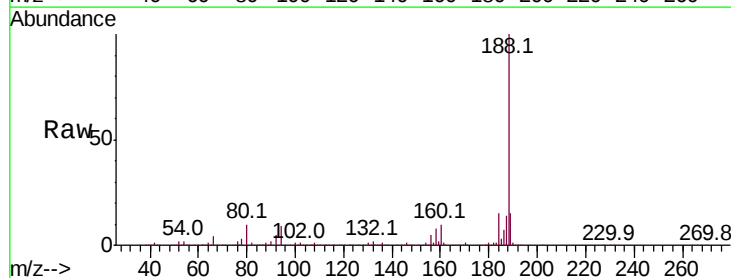
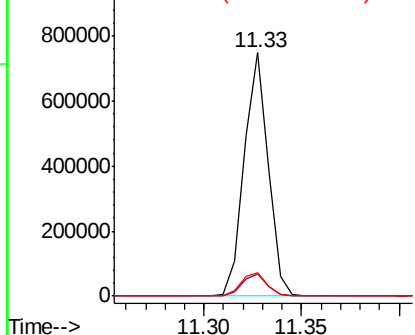
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

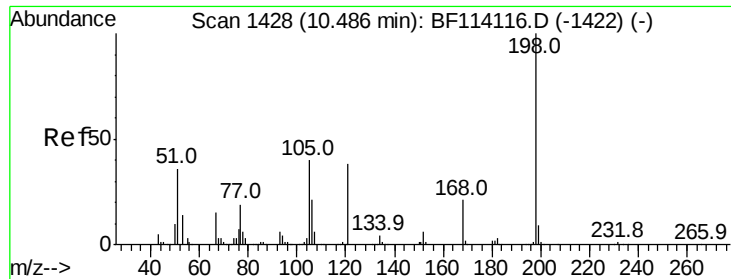


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.4	12.6
80	9.6	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 36.463 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

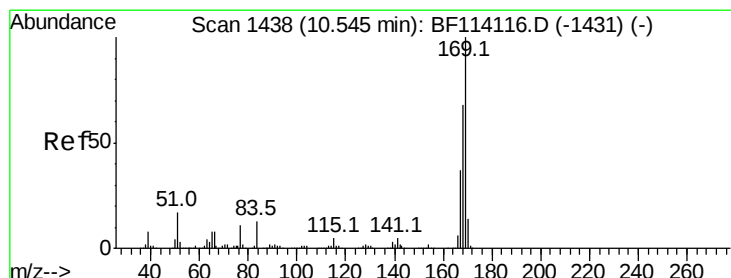
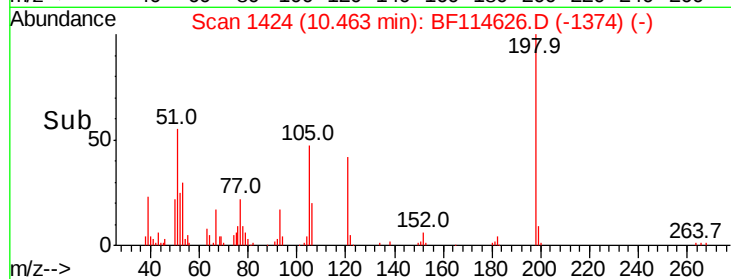
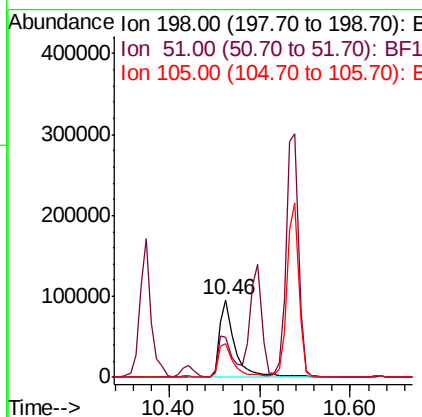
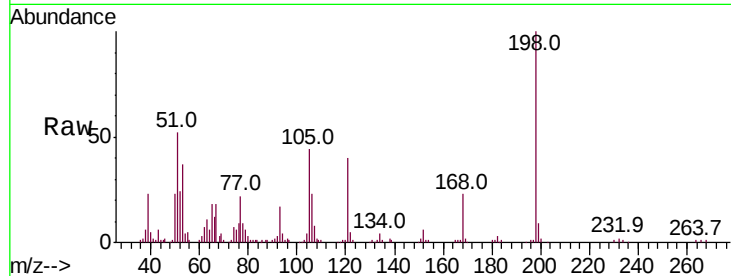
ClientSampleId :

PB120038BSD

Tot Ion:	198	Resp:	112199
Ion Ratio	Lower	Upper	
198	100		
51	52.2	28.0	68.0
105	44.0	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 38.069 ng

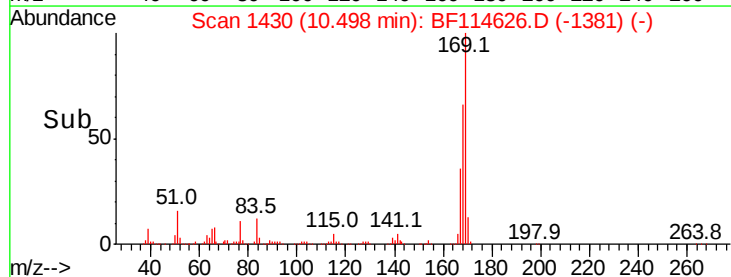
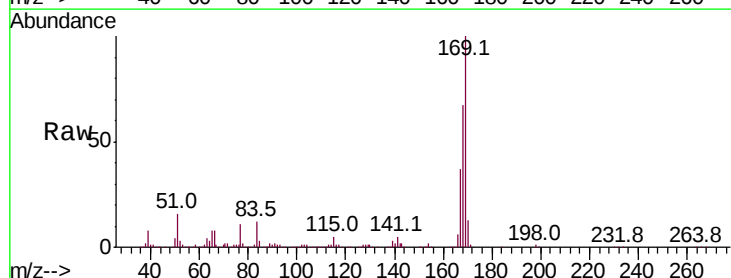
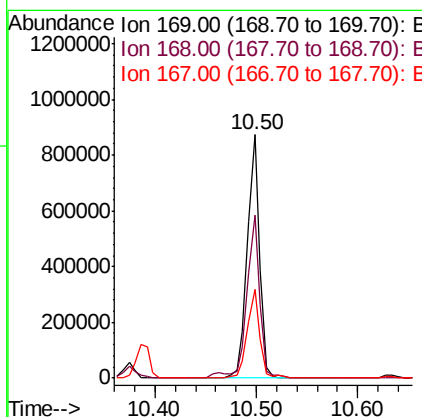
RT: 10.50 min Scan# 1430

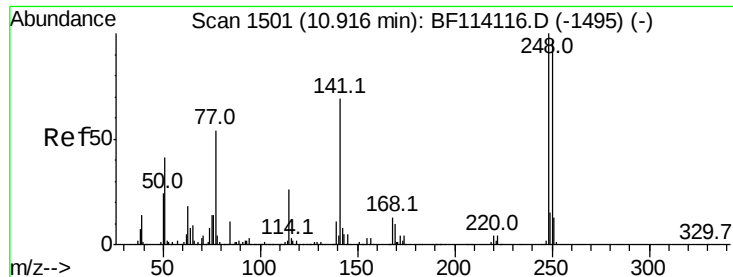
Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	169	Resp:	739880
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.2	81.2
167	36.5	29.8	44.8





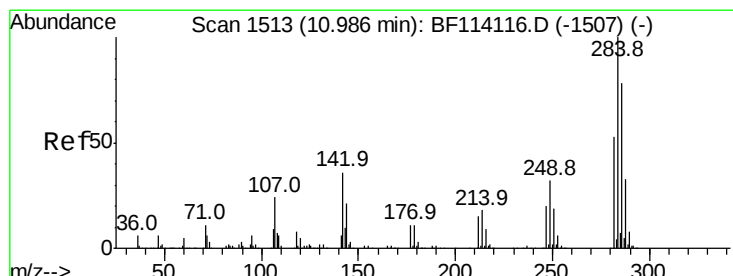
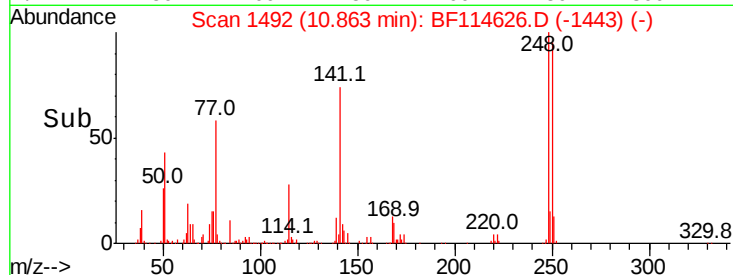
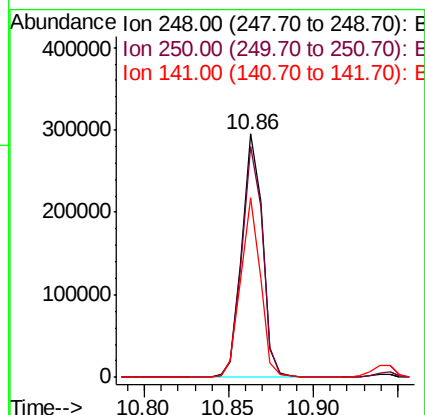
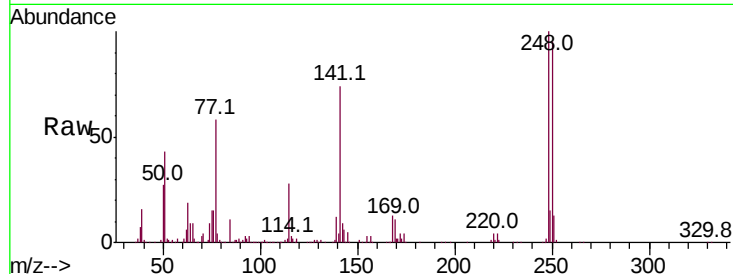
#67
4-Bromophenyl-phenylether
Concen: 35.585 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	250901		
250	95.0	77.4	116.2	
141	73.6	55.6	83.4	

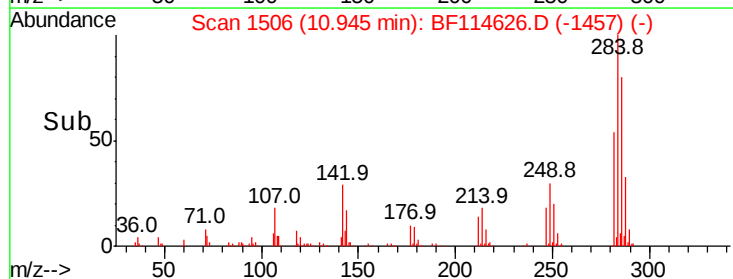
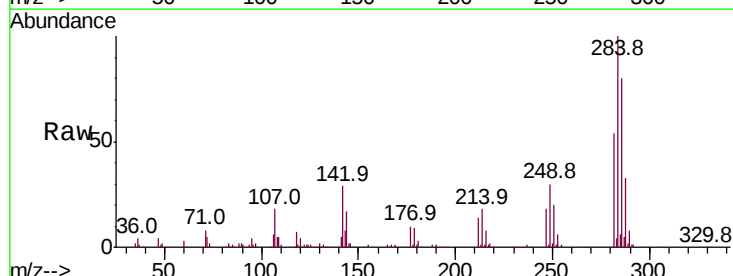
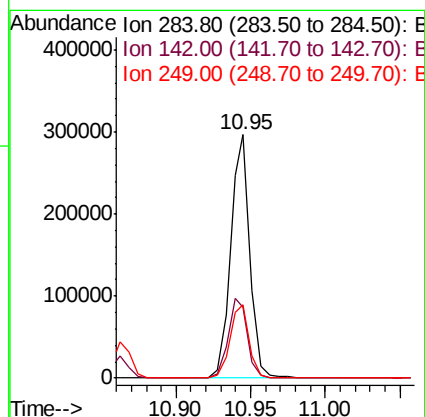
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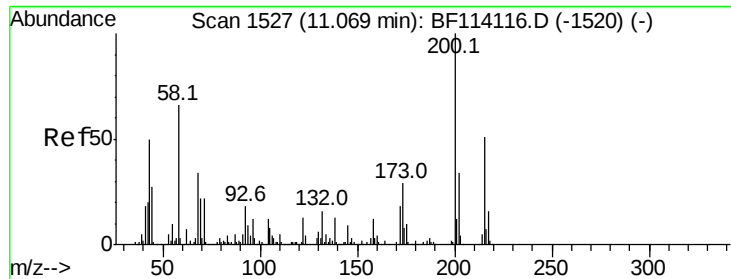
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#68
Hexachlorobenzene
Concen: 34.450 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	268710		
142	28.9	28.4	42.6	
249	30.0	25.2	37.8	





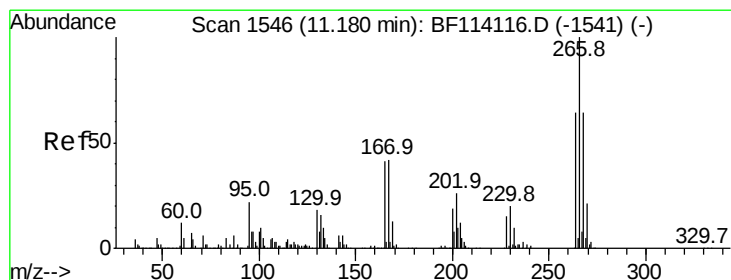
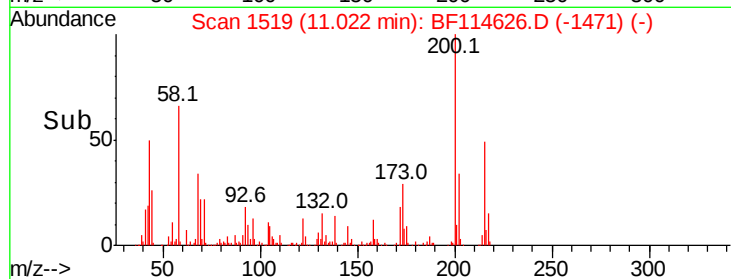
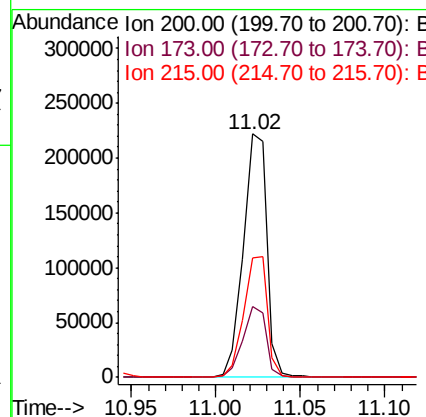
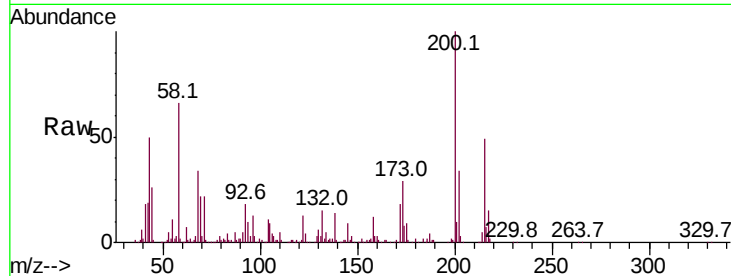
#69
Atrazine
Concen: 35.798 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.1	8.9	48.9
215	48.9	30.7	70.7

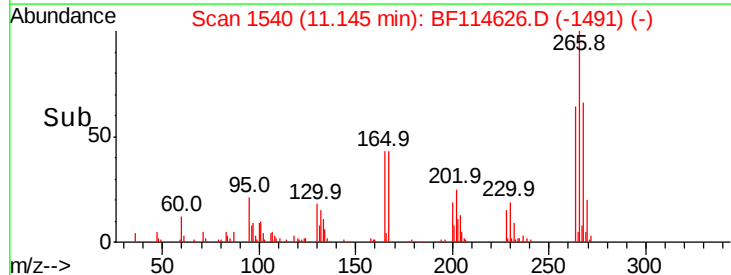
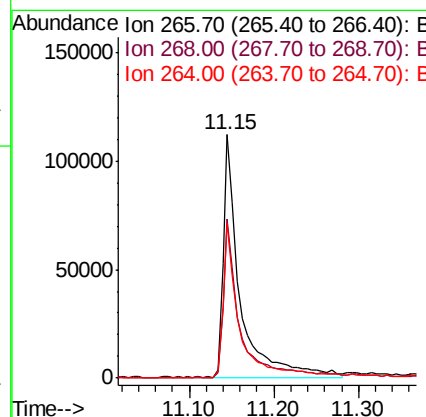
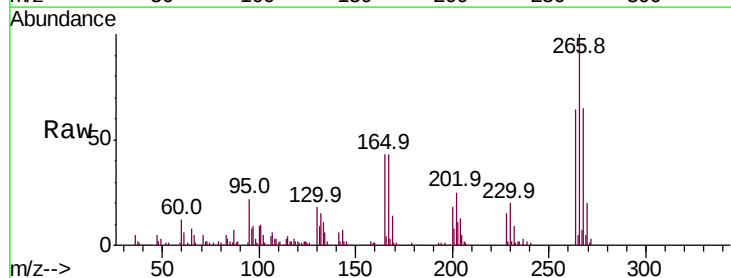
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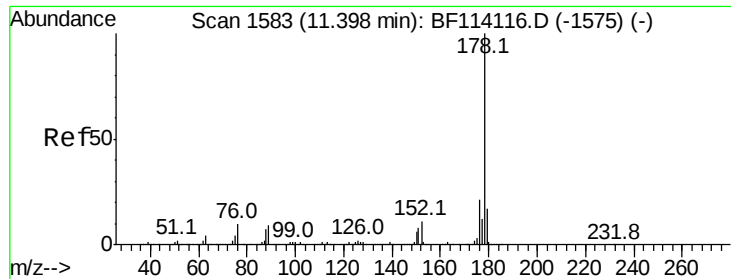
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#70
Pentachlorophenol
Concen: 42.508 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.3	51.1	76.7
264	63.5	51.1	76.7





#71

Phenanthrene

Concen: 37.444 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:178 Resp: 1166539

Ion Ratio Lower Upper

178 100

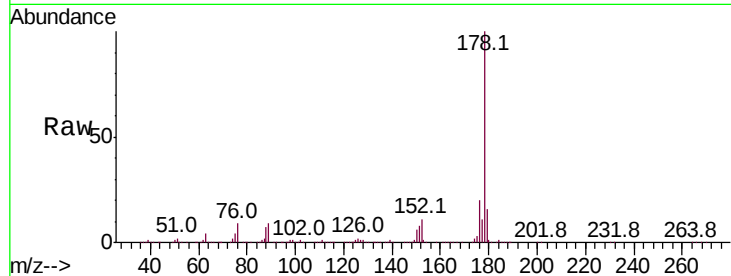
176 20.0 16.4 24.6

179 15.7 13.2 19.8

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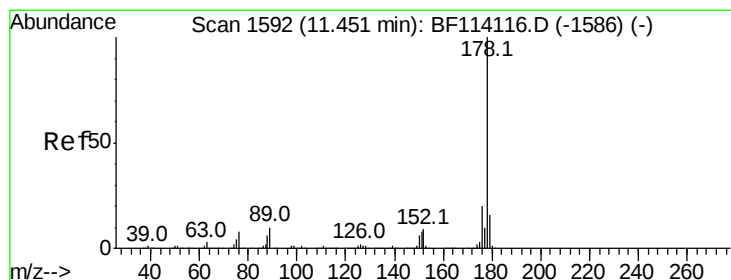
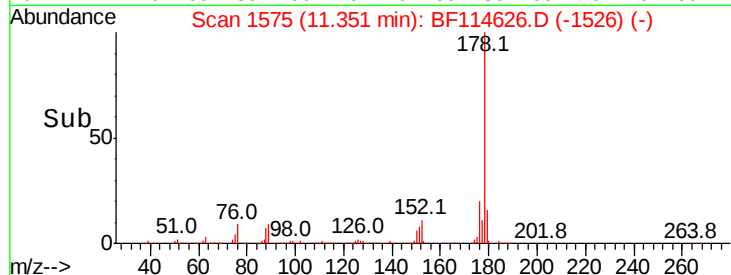
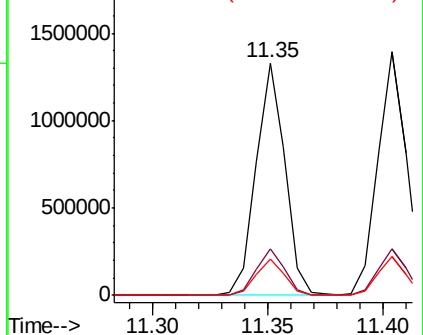
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.025 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:178 Resp: 1221185

Ion Ratio Lower Upper

178 100

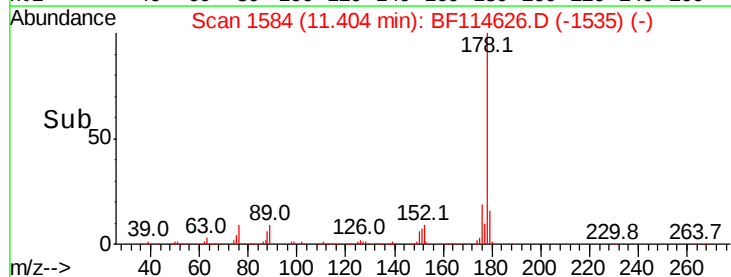
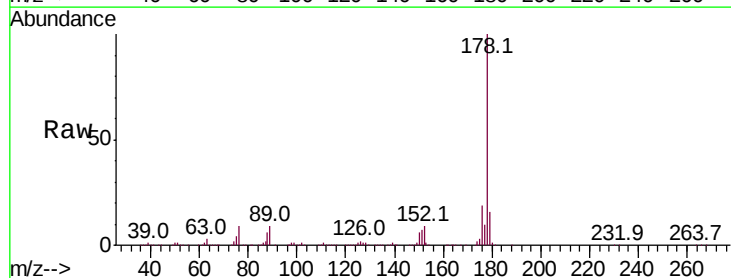
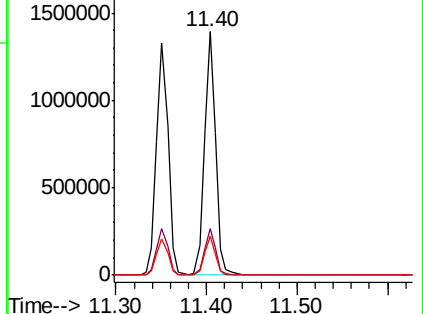
176 19.1 15.8 23.8

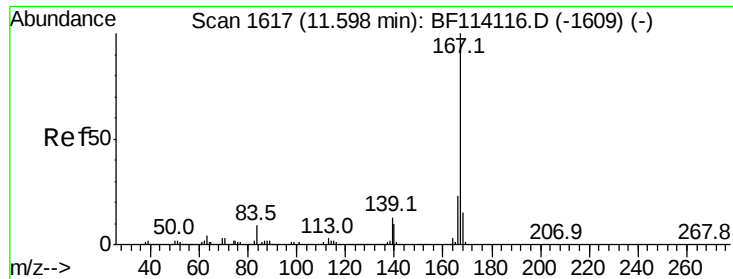
179 15.7 13.0 19.4

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: 38.310 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:167 Resp: 1143175

Ion Ratio Lower Upper

167 100

166 21.8 18.2 27.2

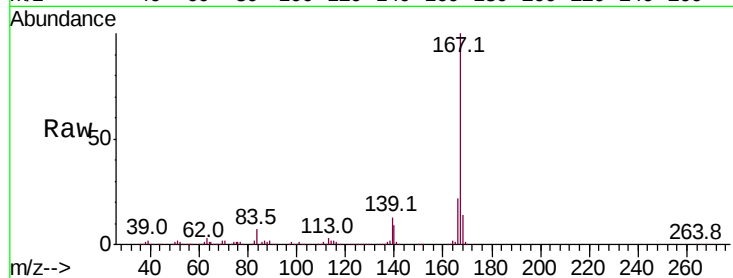
139 12.5 10.6 16.0

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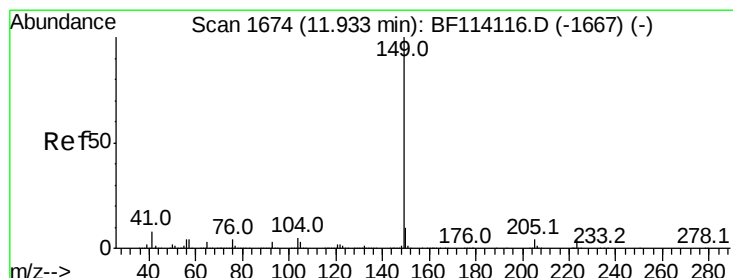
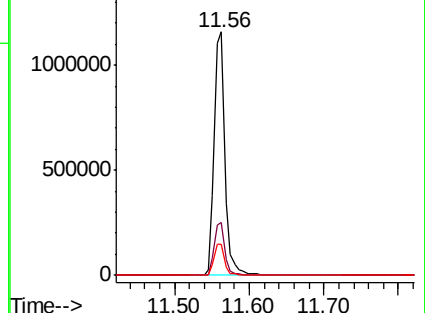
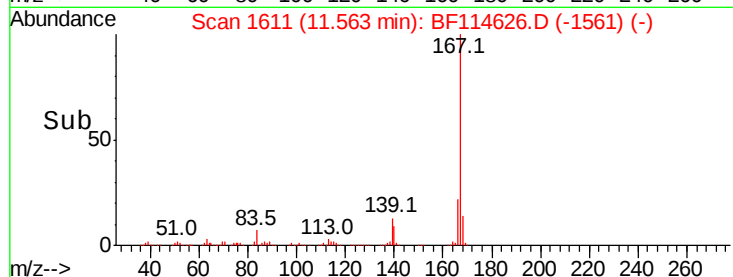
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.021 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

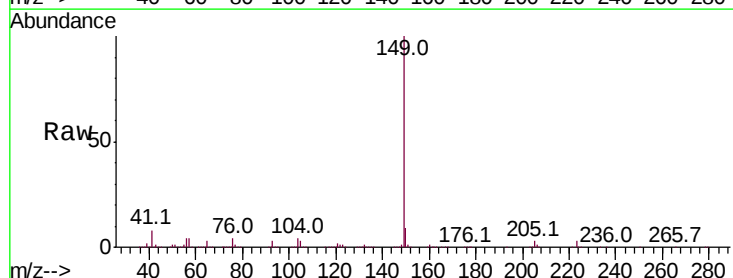
Tgt Ion:149 Resp: 1307073

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

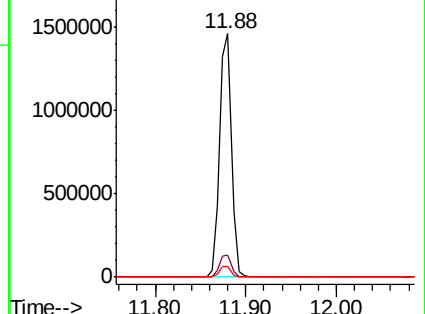
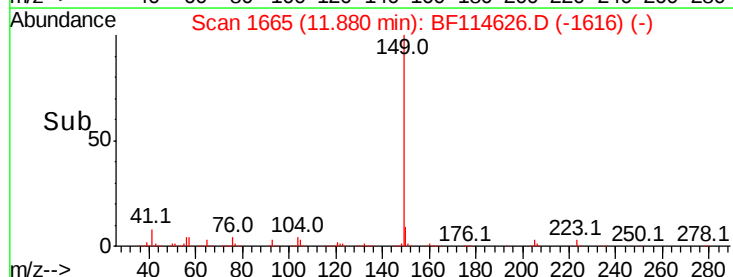
104 4.3 3.6 5.4

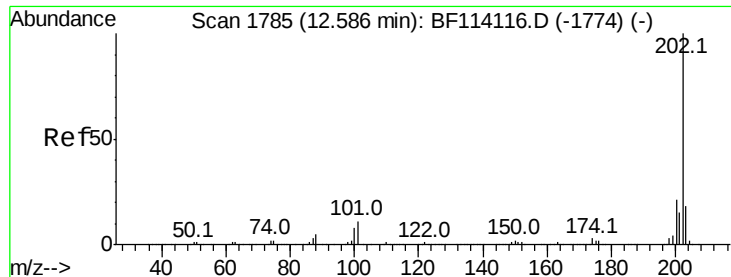


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





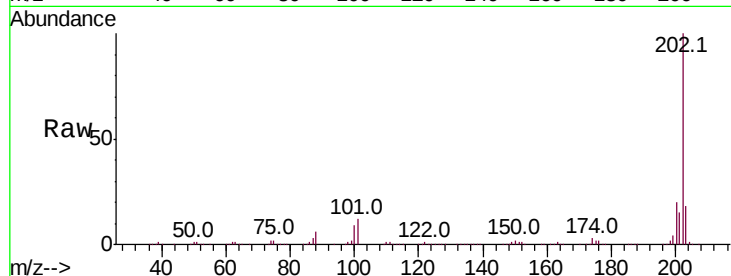
#75
 Fluoranthene
 Concen: 37.934 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

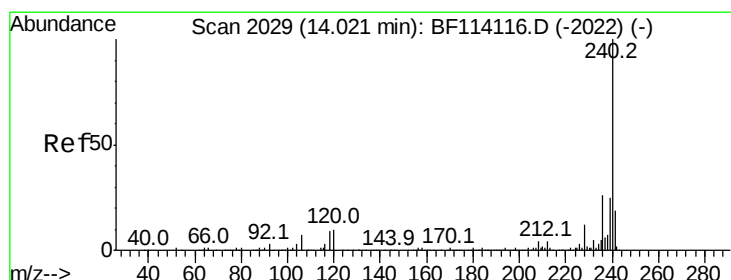
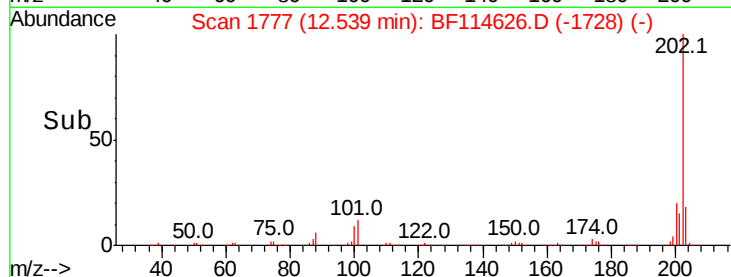
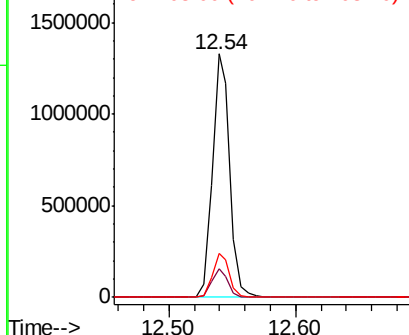
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1272680		
101	11.8		0.0	31.0
203	17.8		0.0	38.4

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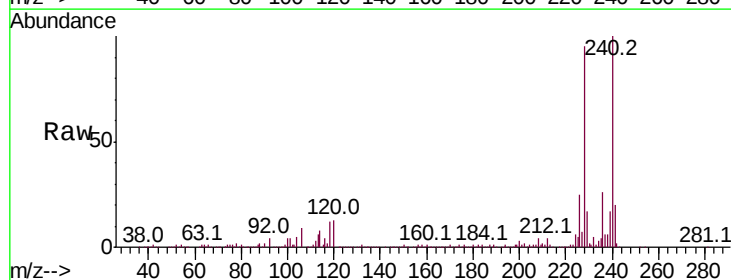


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

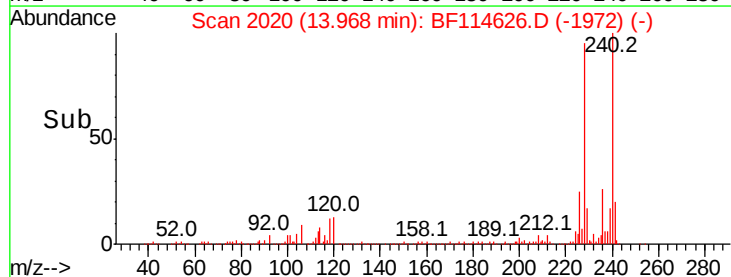
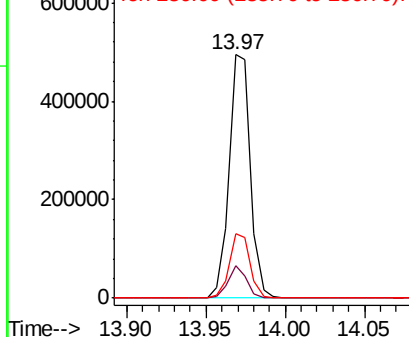


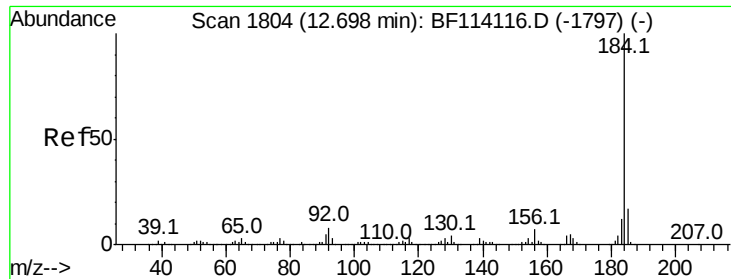
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.02 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	457569		
120	13.1		8.3	12.5#
236	26.3		20.8	31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.828 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

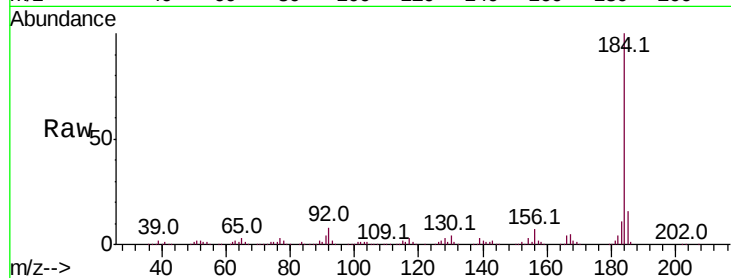
ClientSampleId :

PB120038BSD

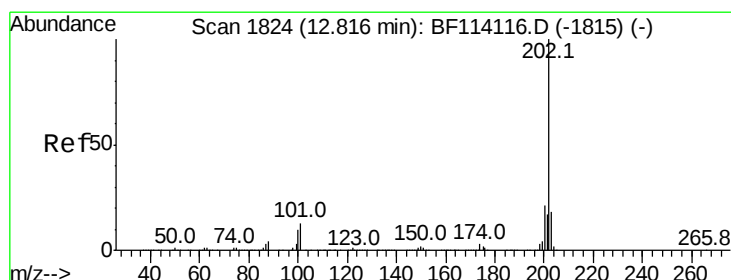
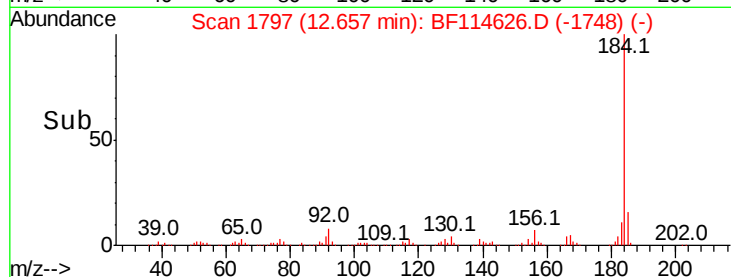
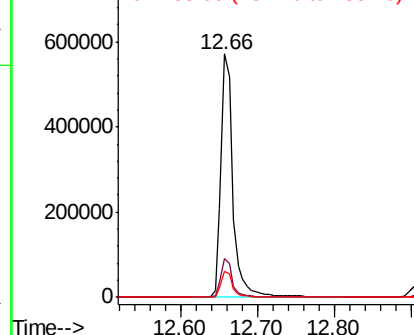
Tot Ion:	184	Resp:	612647
Ion Ratio	Lower	Upper	
184	100		
185	15.7	13.6	20.4
183	10.7	9.2	13.8

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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: 34.755 ng

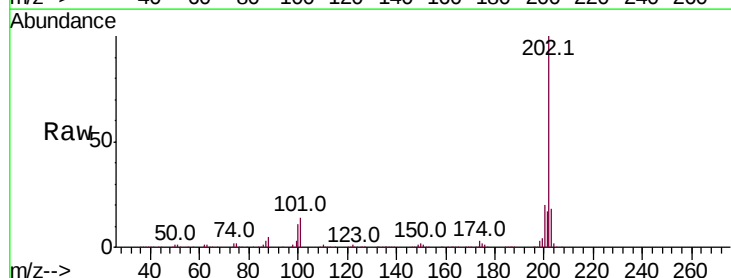
RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

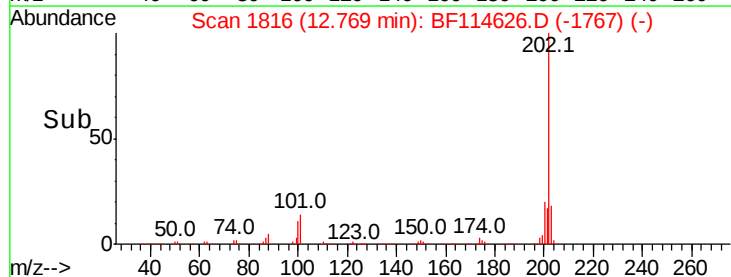
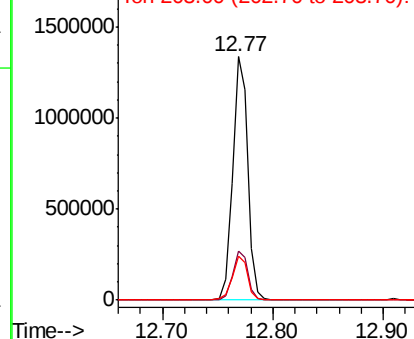
Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion:	202	Resp:	1279312
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.9	25.3
203	17.8	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: 79.542 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:244 Resp: 1765571

Ion Ratio Lower Upper

244 100

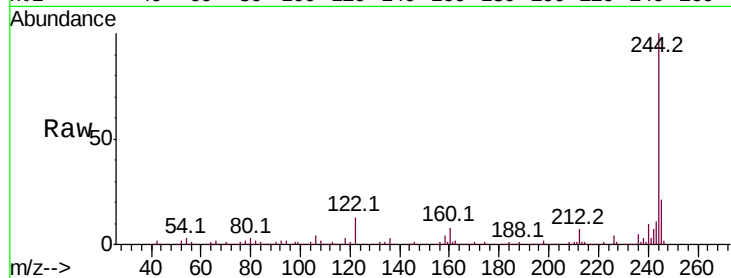
212 7.0 5.8 8.6

122 13.2 9.4 14.2

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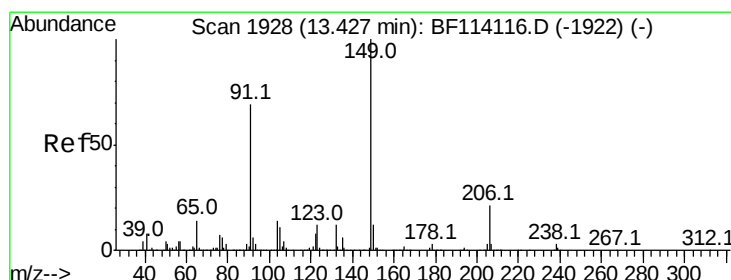
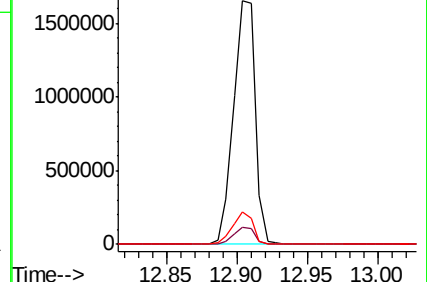
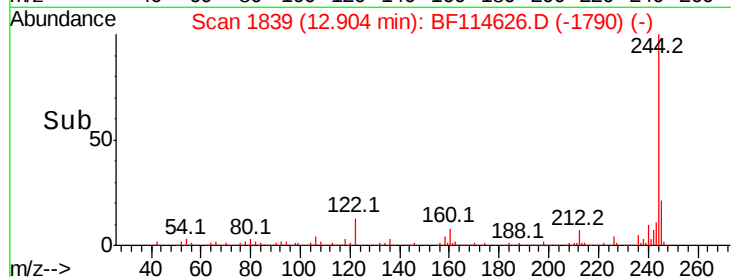
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.707 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

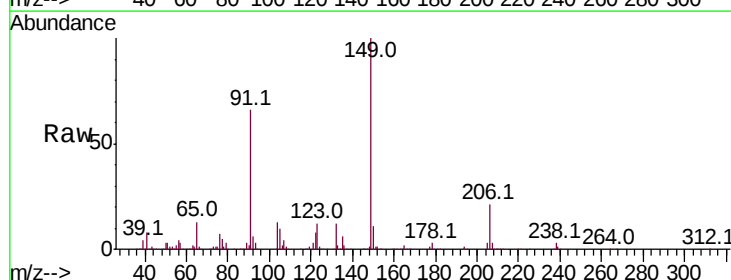
Tgt Ion:149 Resp: 568713

Ion Ratio Lower Upper

149 100

91 66.2 55.0 82.4

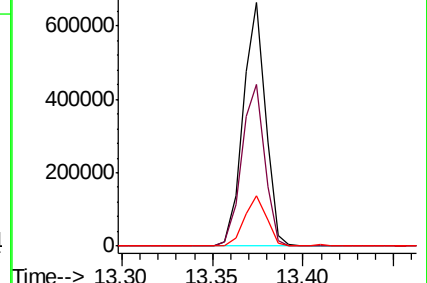
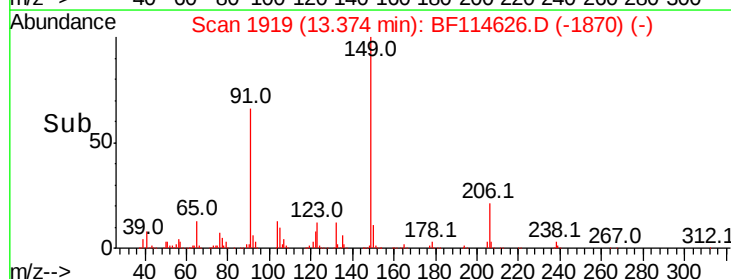
206 20.6 16.9 25.3

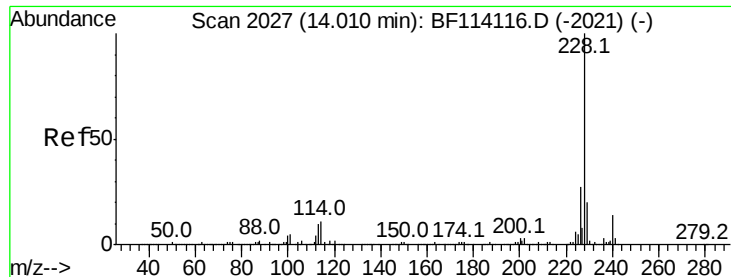


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.428 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:228 Resp: 1078093

Ion Ratio Lower Upper

228 100

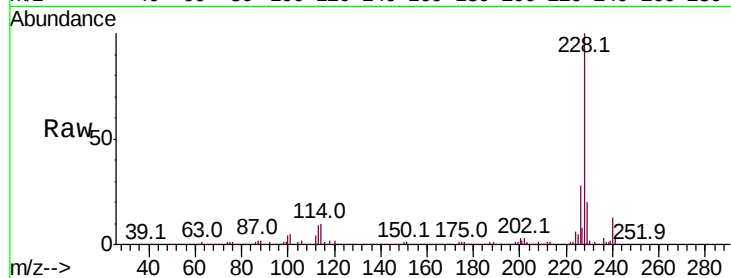
226 28.0 22.2 33.2

229 19.7 16.4 24.6

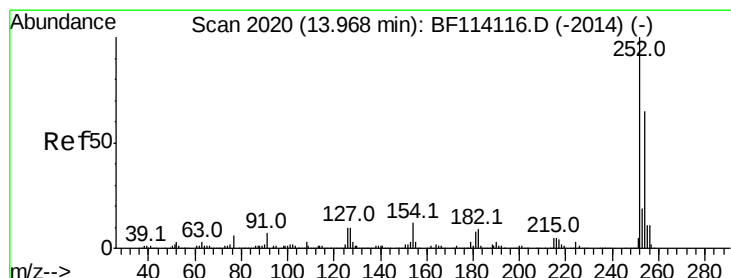
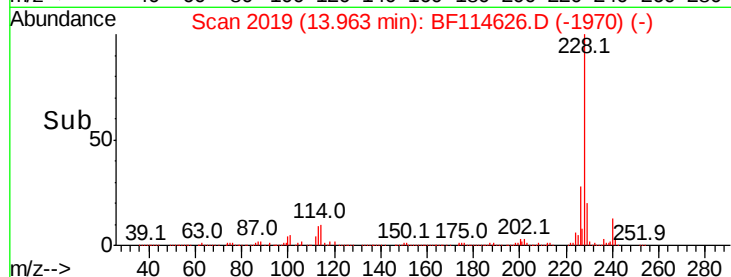
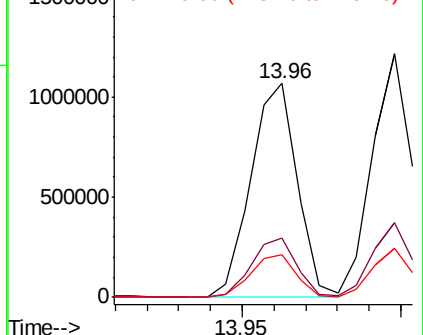
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.091 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

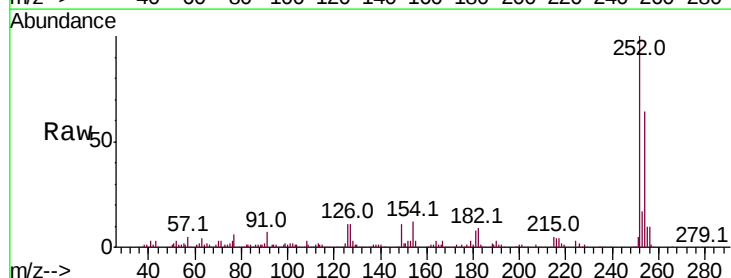
Tgt Ion:252 Resp: 311031

Ion Ratio Lower Upper

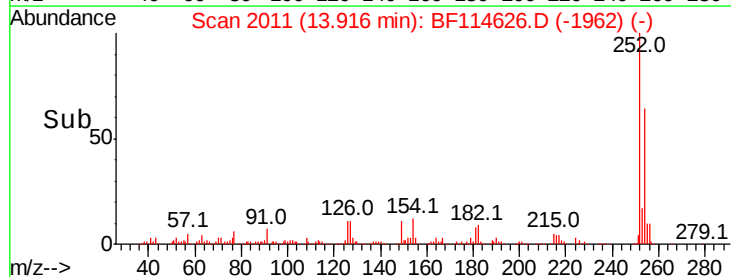
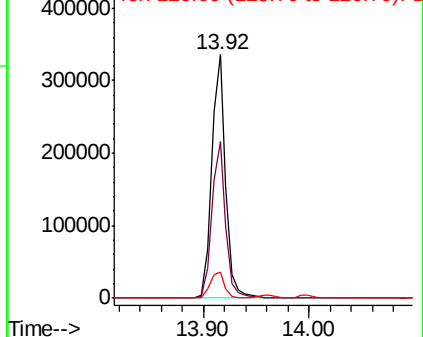
252 100

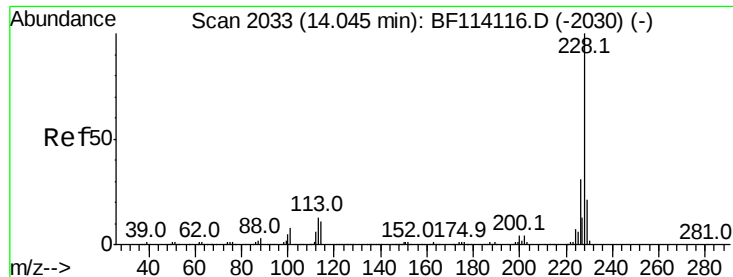
254 64.5 51.9 77.9

126 10.6 7.9 11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





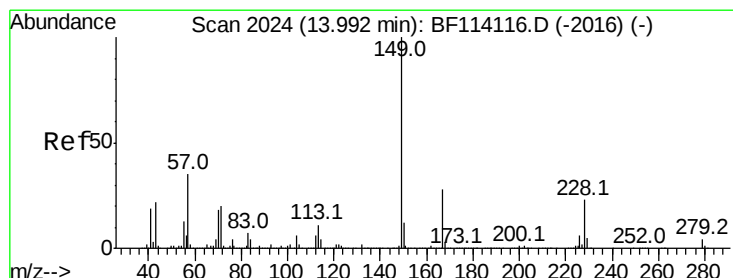
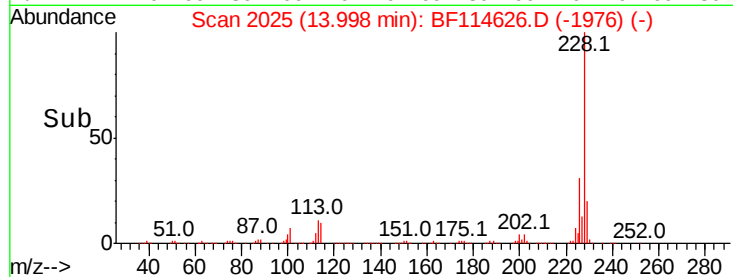
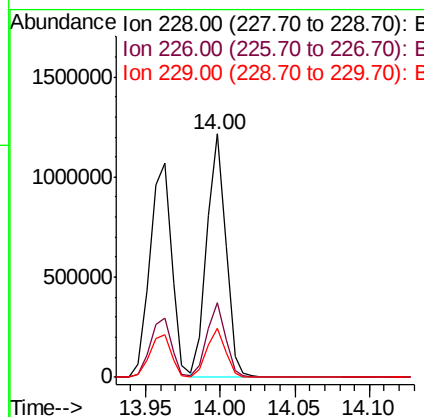
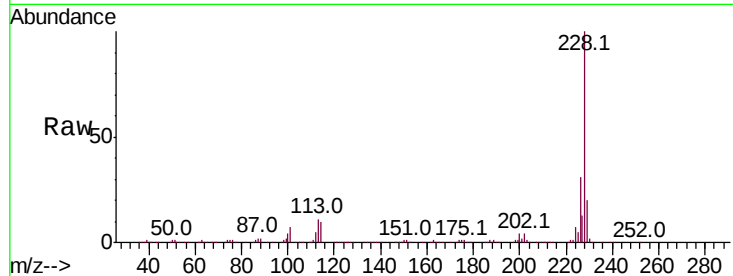
#83
 Chrvsene
 Concen: 36.754 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.2	17.0	25.6

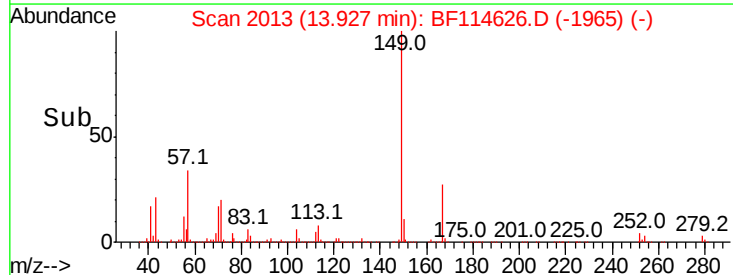
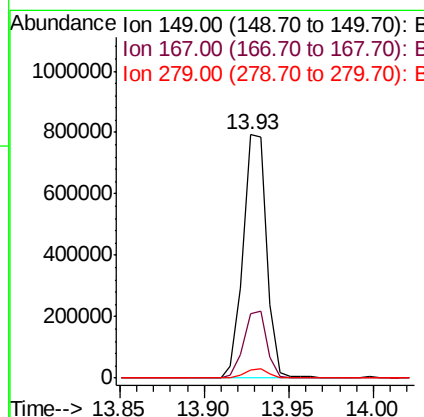
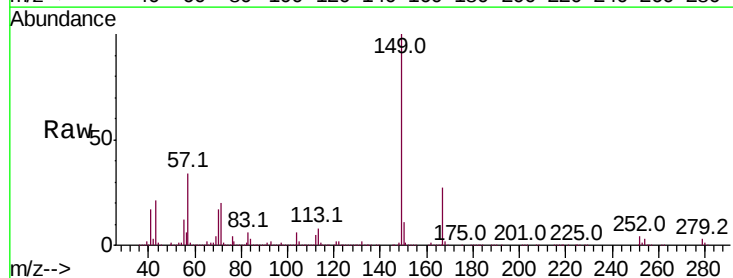
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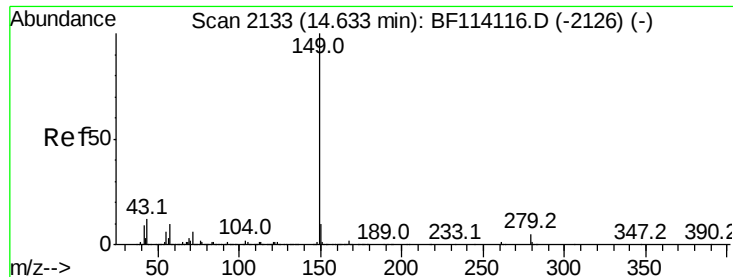
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.122 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF114626.D
 Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.6	33.8
279	3.2	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 38.837 ng

RT: 14.54 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:149 Resp: 1275715

Ion Ratio Lower Upper

149 100

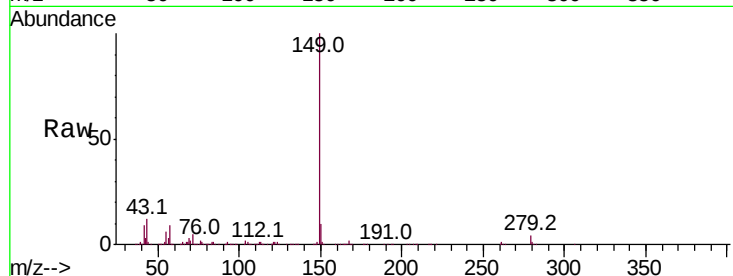
167 1.6 1.3 1.9

43 11.6 10.1 15.1

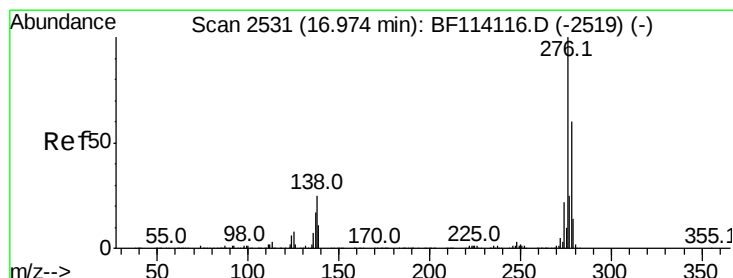
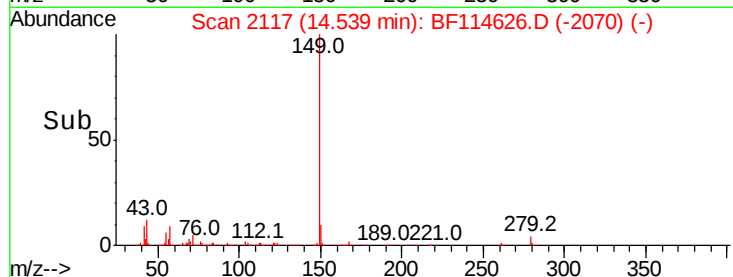
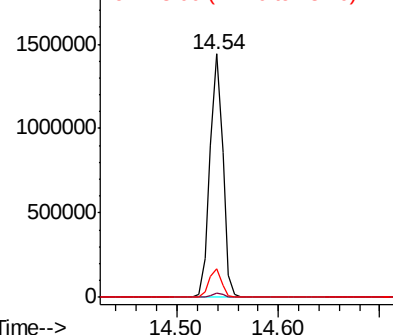
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000 Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.143 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

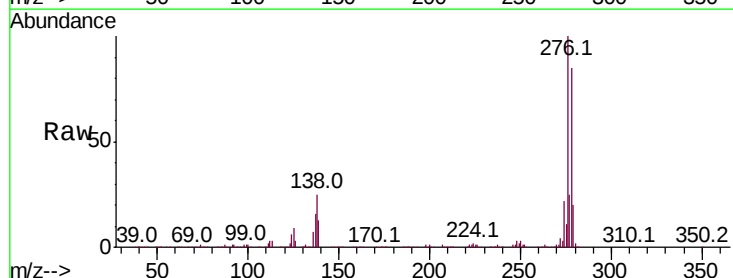
Tgt Ion:276 Resp: 1003630

Ion Ratio Lower Upper

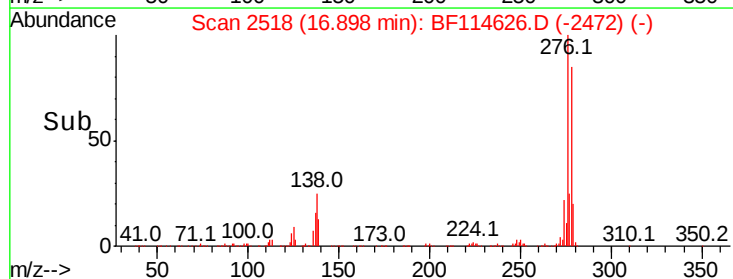
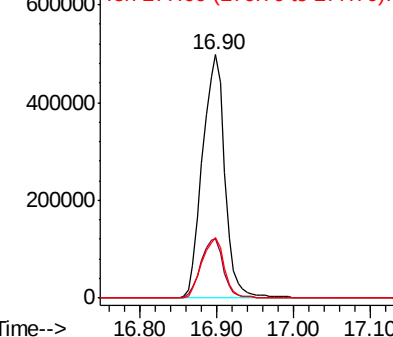
276 100

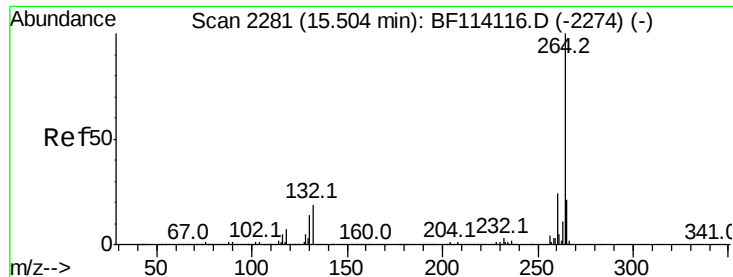
138 24.6 20.2 30.2

277 25.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
600000 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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

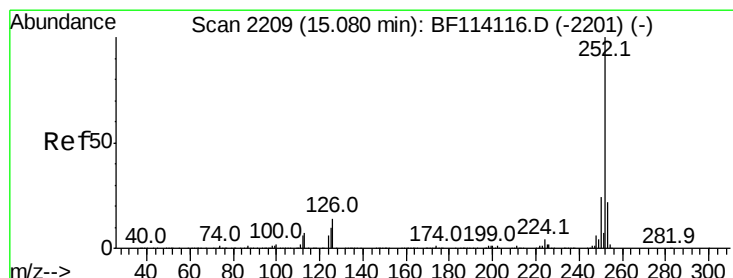
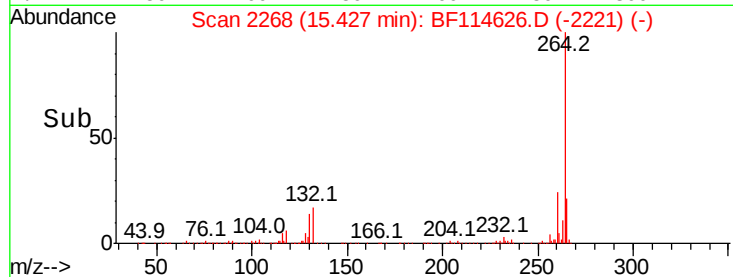
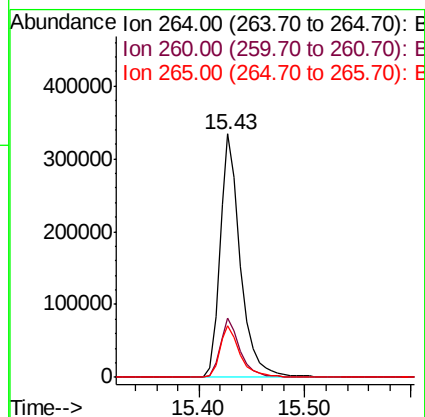
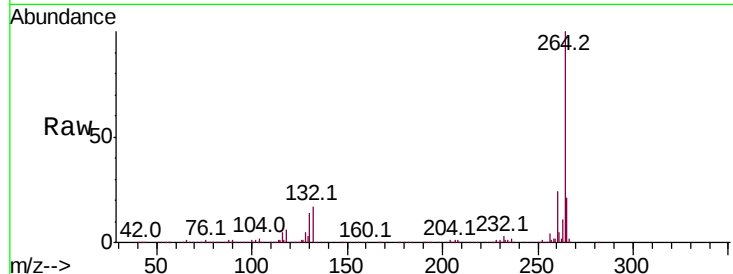
Instrument :
BNA_F

ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.0	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 36.845 ng

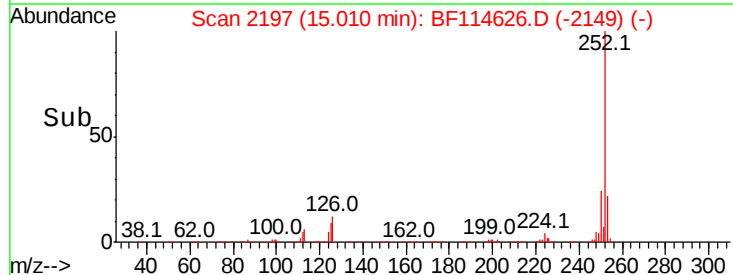
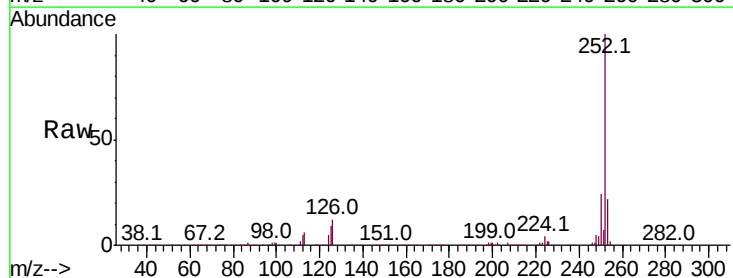
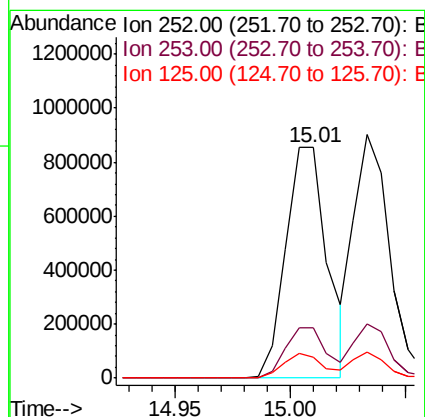
RT: 15.01 min Scan# 2197

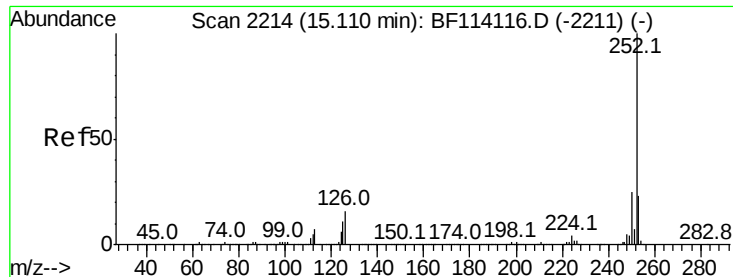
Delta R.T. -0.02 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.3	8.3	12.5





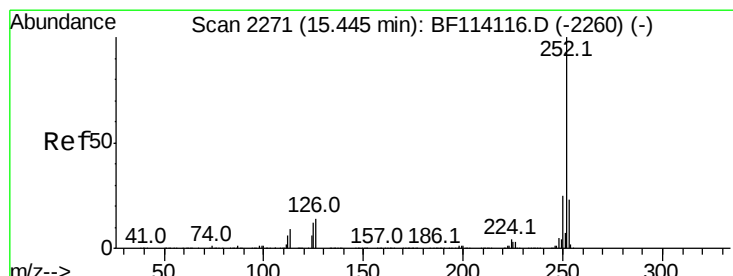
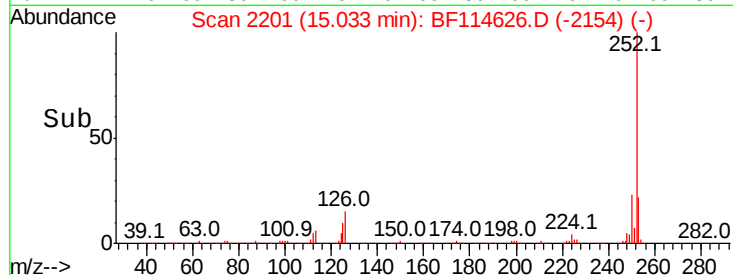
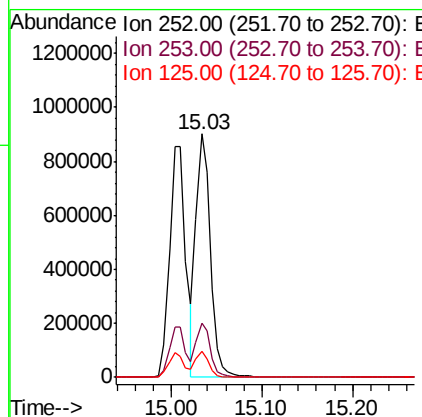
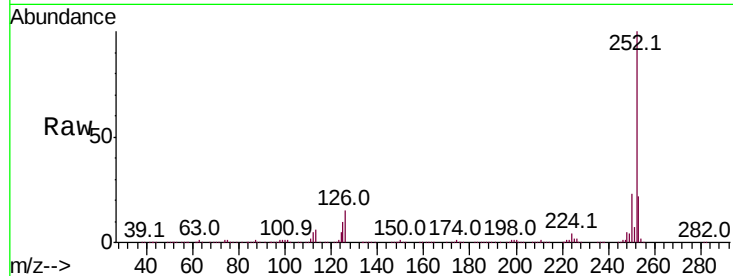
#89
Benzo(k)fluoranthene
Concen: 37.020 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Instrument :
BNA_F
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	10.5	8.6	13.0

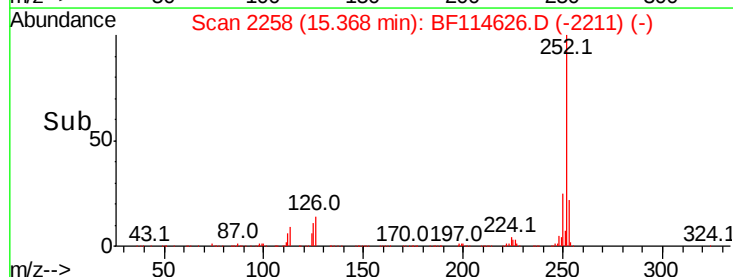
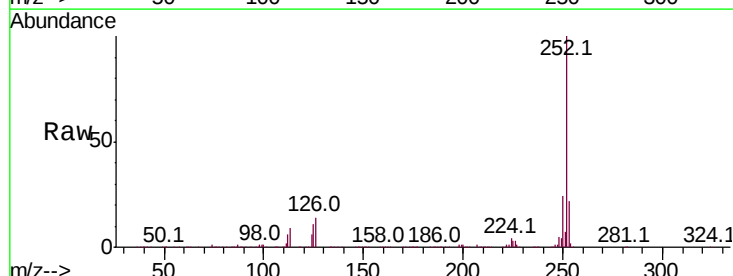
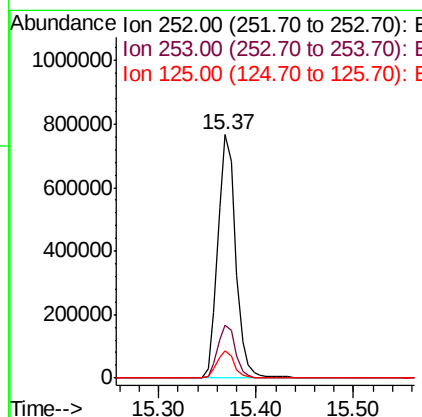
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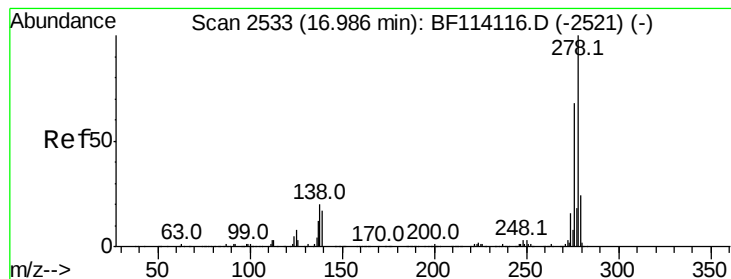
mohammad
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#90
Benzo(a)pyrene
Concen: 38.491 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BF114626.D
Acq: 26 May 2019 2:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	11.2	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 39.886 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.03 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

Instrument :

BNA_F

ClientSampleId :

PB120038BSD

Tot Ion:278 Resp: 842427

Ion Ratio Lower Upper

278 100

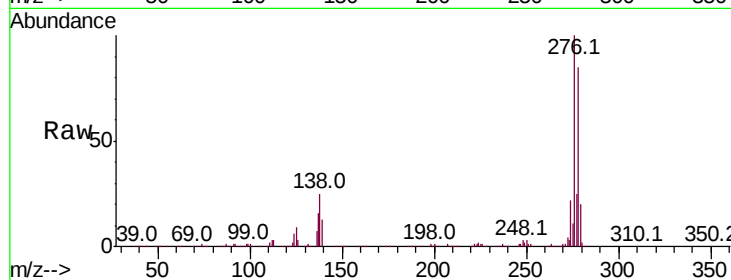
139 15.4 13.5 20.3

279 23.0 19.0 28.6

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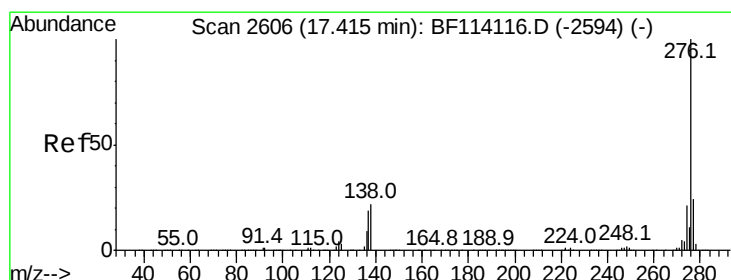
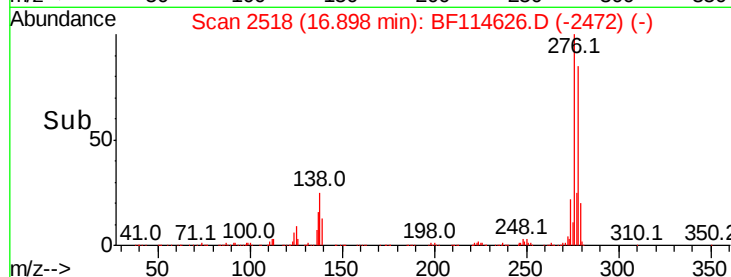
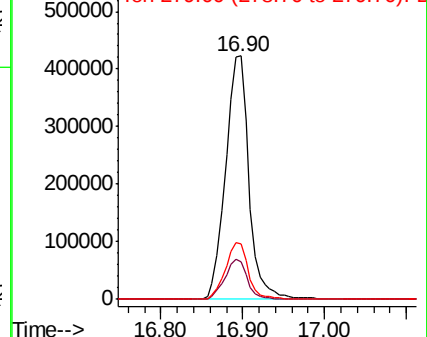
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Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.571 ng

RT: 17.33 min Scan# 2592

Delta R.T. -0.04 min

Lab File: BF114626.D

Acq: 26 May 2019 2:48

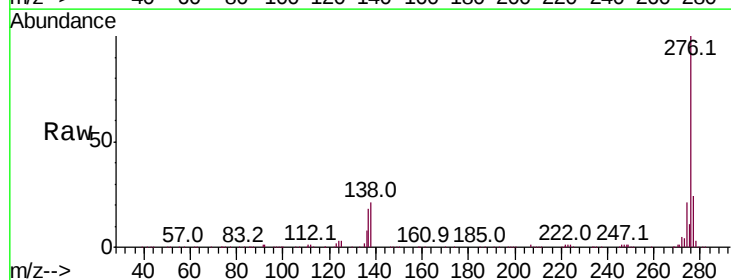
Tgt Ion:276 Resp: 879918

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 21.4 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

