

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
 Data File : BF118998.D
 Acq On : 21 Feb 2020 17:52
 Operator : CG/JU
 Sample : L1613-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Manual Integrations
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Quant Time: Feb 24 02:38:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	159108	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	557088	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	263677	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	439533	20.00	ng	0.00
76) Chrysene-d12	13.92	240	345944	20.00	ng	0.00
87) Perylene-d12	15.34	264	323557	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	937765	98.50	ng	0.00
7) Phenol-d6	6.40	99	1115905	96.37	ng	0.00
23) Nitrobenzene-d5	7.32	82	711031	67.39	ng	0.00
42) 2,4,6-Tribromophenol	10.58	330	313723	90.95	ng	0.00
45) 2-Fluorobiphenyl	9.12	172	1306270	72.98	ng	0.00
79) Terphenyl-d14	12.86	244	1316299	65.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	153937	36.315	ng	99
3) Pyridine	3.25	79	391732	33.838	ng	99
4) n-Nitrosodimethylamine	3.19	42	147104	41.947	ng	96
6) Aniline	6.42	93	251246	17.585	ng	# 1
8) 2-Chlorophenol	6.55	128	446949	43.500	ng	97
9) Benzaldehyde	6.30	77	191047	24.696	ng	99
10) Phenol	6.42	94	510148	40.750	ng	95
11) bis(2-Chloroethyl)ether	6.49	93	411139	42.922	ng	97
12) 1,3-Dichlorobenzene	6.70	146	492058	39.957	ng	99
13) 1,4-Dichlorobenzene	6.77	146	501086	40.662	ng	99
14) 1,2-Dichlorobenzene	6.93	146	467780	41.622	ng	98
15) Benzyl Alcohol	6.90	79	364958	43.611	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	333613	40.206	ng	89
17) 2-Methylphenol	7.02	107	347455	41.710	ng	97
18) Hexachloroethane	7.27	117	162122	36.772	ng	100
19) n-Nitroso-di-n-propylamine	7.17	70	284648	42.189	ng	98
20) 3+4-Methylphenols	7.17	107	426724	41.812	ng	# 77
22) Acetophenone	7.17	105	574337	44.558	ng	96
24) Nitrobenzene	7.34	77	433850	41.581	ng	100
25) Isophorone	7.58	82	783225	42.744	ng	100
26) 2-Nitrophenol	7.66	139	235132	42.532	ng	98
27) 2,4-Dimethylphenol	7.70	122	358875	47.831	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	487595	40.882	ng	99
29) 2,4-Dichlorophenol	7.90	162	360933	40.863	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	411381	39.282	ng	99
31) Naphthalene	8.06	128	1189702	41.178	ng	99
32) Benzoic acid	7.83	122	175389	34.258	ng	97
33) 4-Chloroaniline	8.11	127	150204	12.087	ng	98
34) Hexachlorobutadiene	8.18	225	253928	38.927	ng	98
35) Caprolactam	8.47	113	109289m	40.184	ng	
36) 4-Chloro-3-methylphenol	8.60	107	352728	39.459	ng	98
37) 2-Methylnaphthalene	8.75	142	786730	40.463	ng	99
38) 1-Methylnaphthalene	8.85	142	730980	39.976	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	388597	43.711	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	47708	22.406	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	244749	43.596	ng	100
44) 2,4,5-Trichlorophenol	9.08	196	252398	42.844	ng	97
46) 1,1'-Biphenyl	9.22	154	916274	42.996	ng	99
47) 2-Chloronaphthalene	9.24	162	719067	41.872	ng	99
48) 2-Nitroaniline	9.33	65	191599	40.001	ng	97
49) Acenaphthylene	9.66	152	1067857	43.054	ng	99
50) Dimethylphthalate	9.52	163	1039025	51.532	ng	99
51) 2,6-Dinitrotoluene	9.58	165	187733	41.908	ng	92
52) Acenaphthene	9.83	154	615744	41.171	ng	99
53) 3-Nitroaniline	9.75	138	98780	19.891	ng	96
54) 2,4-Dinitrophenol	9.86	184	44699	26.087	ng	94
55) Dibenzofuran	10.00	168	935050	41.887	ng	98
56) 4-Nitrophenol	9.92	139	253140	84.839	ng	98
57) 2,4-Dinitrotoluene	9.99	165	232536	40.048	ng	98
58) Fluorene	10.34	166	711360	41.010	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	195057	39.240	ng	100
60) Diethylphthalate	10.22	149	804569	42.343	ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	378423	41.215	ng	95
62) 4-Nitroaniline	10.36	138	140746	27.701	ng	97
63) Azobenzene	10.49	77	664907	40.258	ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	49590	18.645	ng	98
66) n-Nitrosodiphenylamine	10.45	169	647485	44.989	ng	98
67) 4-Bromophenyl-phenylether	10.82	248	239841	41.746	ng	95
68) Hexachlorobenzene	10.89	284	262908	39.690	ng	100
69) Atrazine	10.98	200	220514	43.854	ng	97
70) Pentachlorophenol	11.09	266	248490	93.127	ng	98
71) Phenanthrene	11.30	178	1008431	42.071	ng	100
72) Anthracene	11.35	178	1026403	42.856	ng	99
73) Carbazole	11.50	167	895390	41.965	ng	99
74) Di-n-butylphthalate	11.83	149	1142966	44.235	ng	99
75) Fluoranthene	12.49	202	1079130	42.413	ng	99
77) Benzidine	12.61	184	742147	52.750	ng	98
78) Pyrene	12.72	202	1082757	38.978	ng	100
80) Butylbenzylphthalate	13.33	149	460283	39.370	ng	99
81) Benzo(a)anthracene	13.90	228	978184	41.499	ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	376613	41.147	ng	99
83) Chrysene	13.94	228	943378	40.166	ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	642573	43.504	ng	100
85) Di-n-octyl phthalate	14.50	149	1075526	45.702	ng	100
86) Indeno(1,2,3-cd)pyrene	16.75	276	763826	33.587	ng	98
88) Benzo(b)fluoranthene	14.93	252	913841	42.849	ng	99
89) Benzo(k)fluoranthene	14.96	252	864225	43.727	ng	99
90) Benzo(a)pyrene	15.28	252	770073	40.007	ng	99
91) Dibenzo(a,h)anthracene	16.76	278	646859	38.194	ng	98
92) Benzo(g,h,i)perylene	17.17	276	609816	36.442	ng	99

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

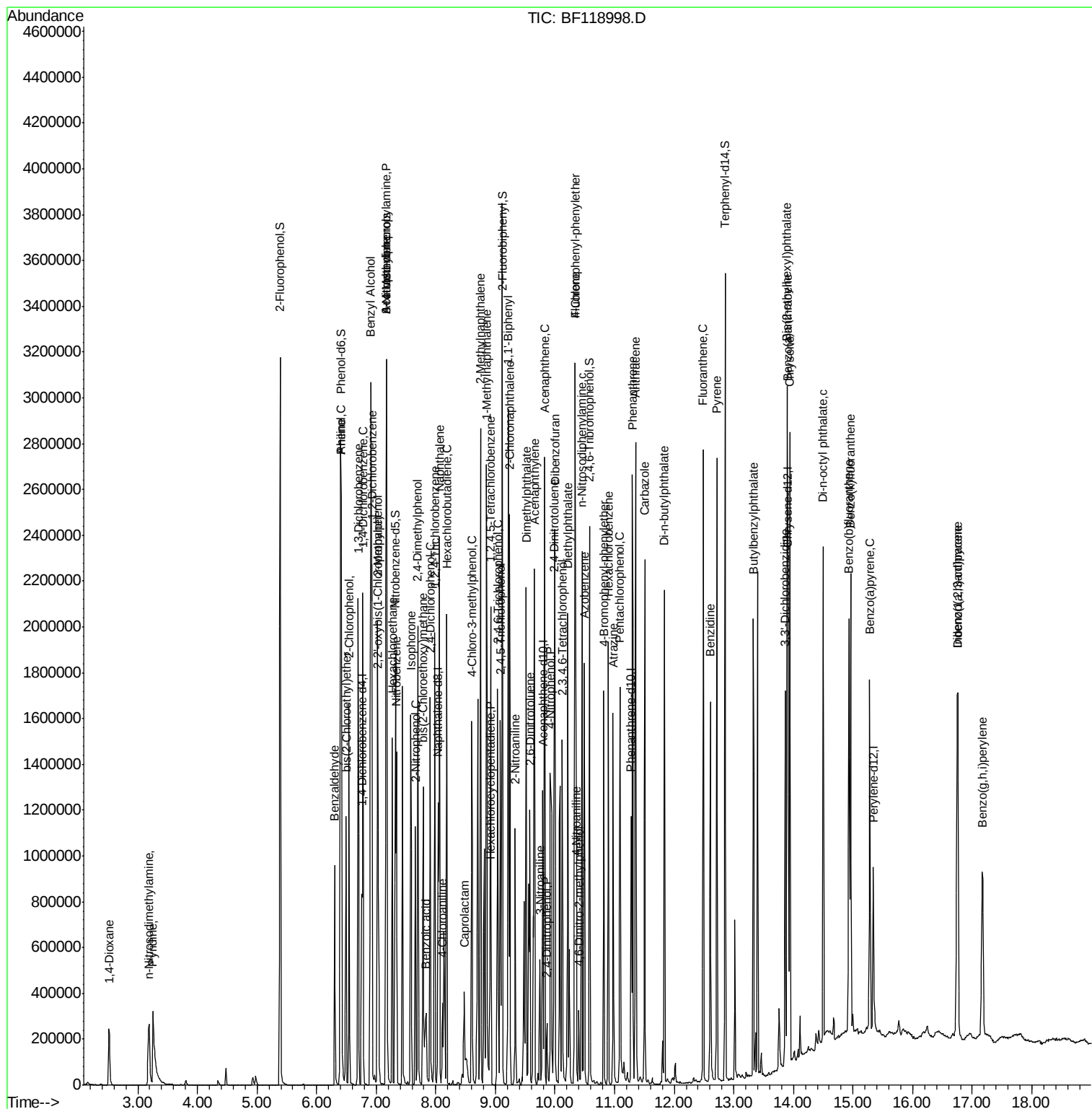
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022120\
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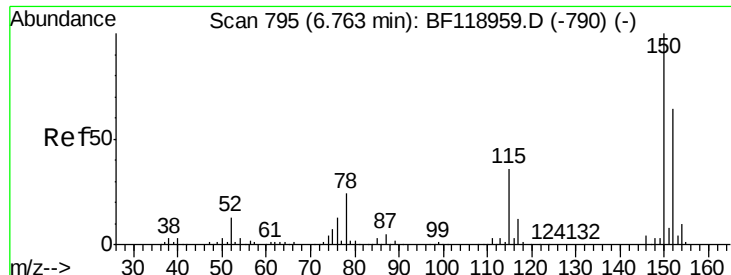
Instrument :
BNA_F
Client Sampled :
TP-14-EP2-3MS

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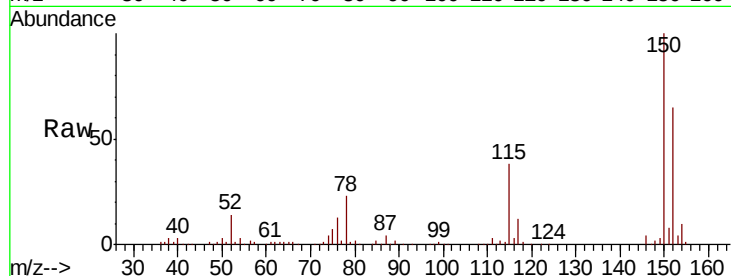
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

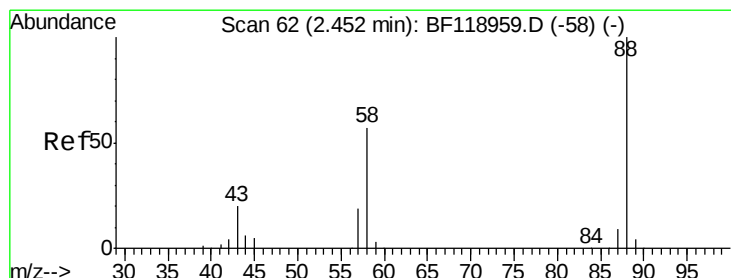
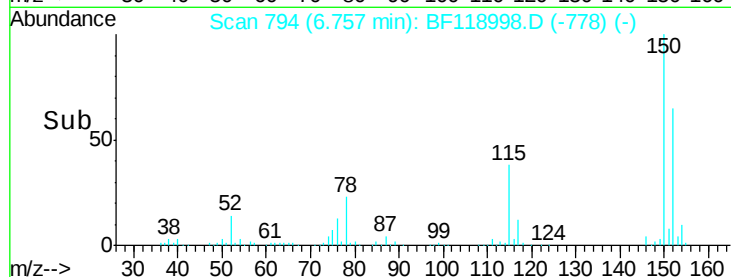
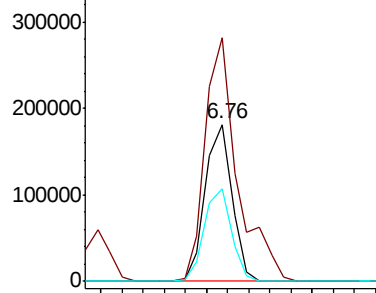
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	58.7	44.6	67.0

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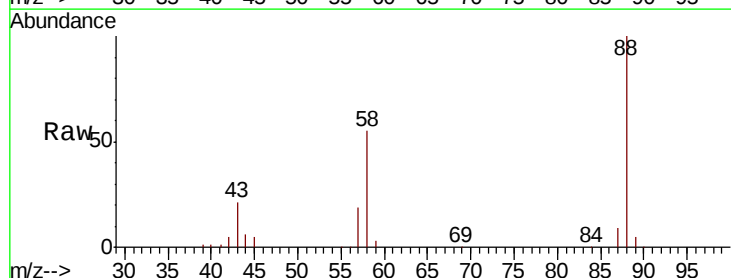
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



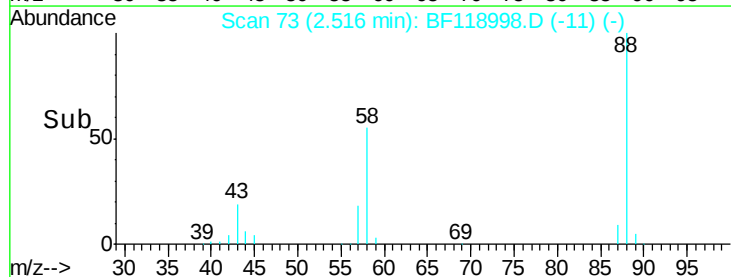
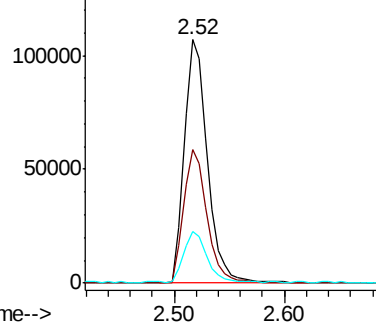
#2

1,4-Dioxane
Concen: 36.315 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.06 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.4	44.6	66.8
43	20.9	16.0	24.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





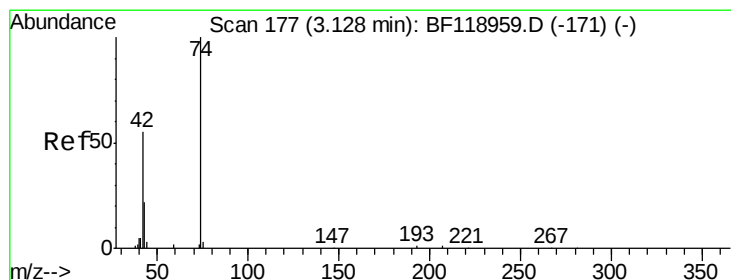
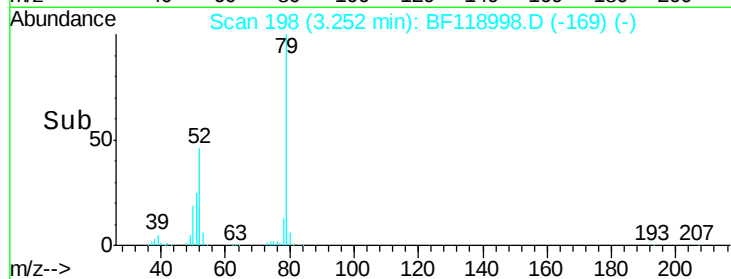
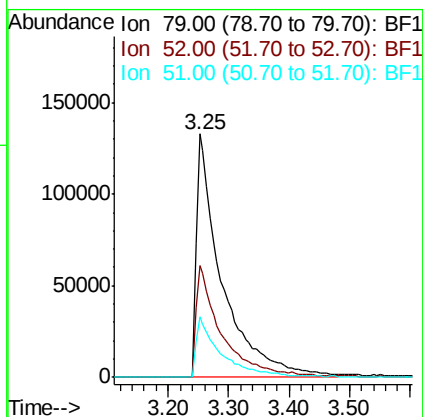
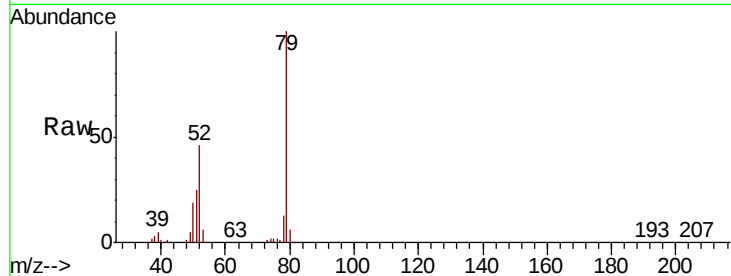
#3
 Pvridine
 Concen: 33.838 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.07 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	46.1	36.3	54.5
51	24.8	19.5	29.3

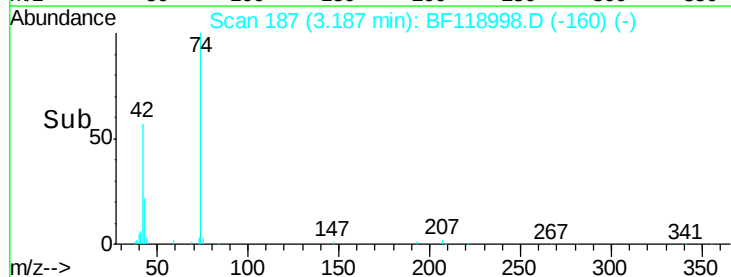
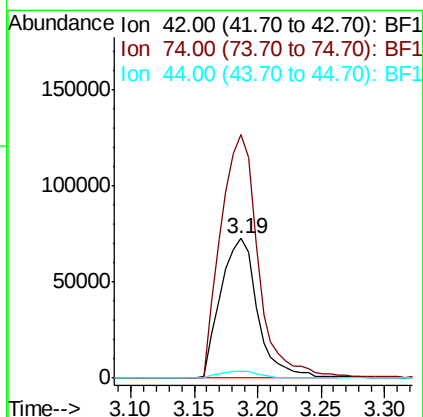
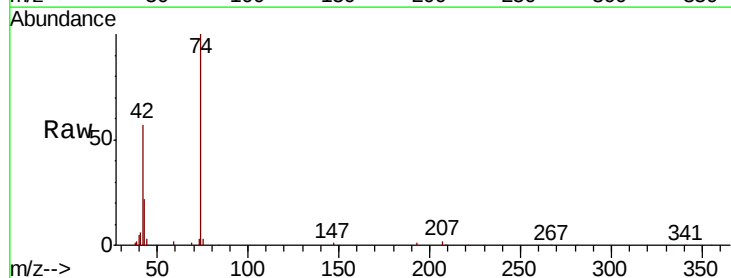
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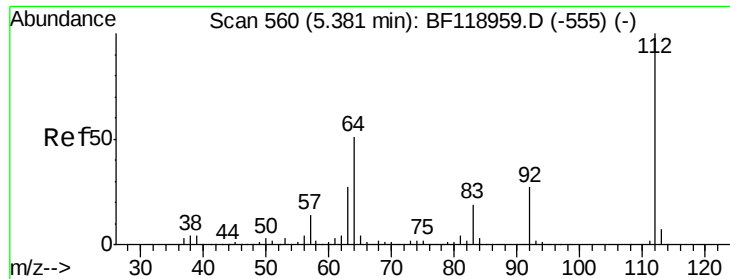
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#4
 n-Nitrosodimethylamine
 Concen: 41.947 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.06 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	174.4	144.4	216.6
44	5.3	4.5	6.7





#5

2-Fluorophenol

Concen: 98.497 ng

RT: 5.39 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

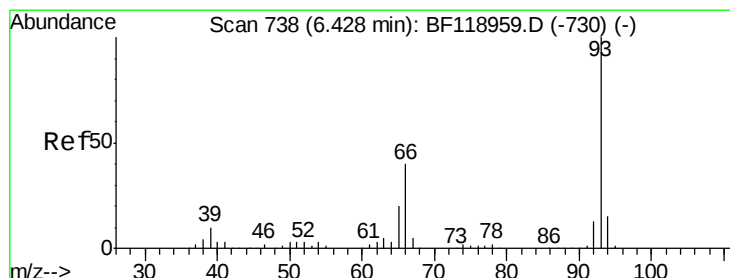
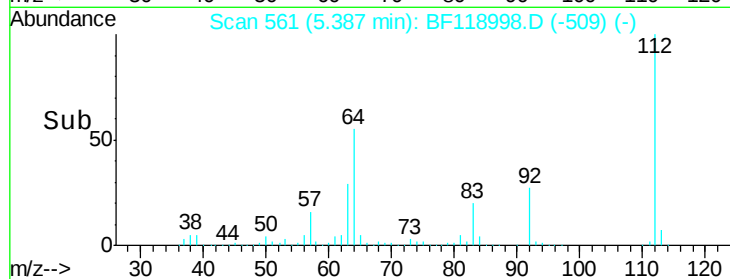
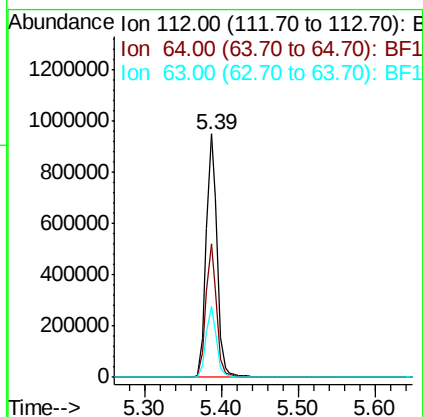
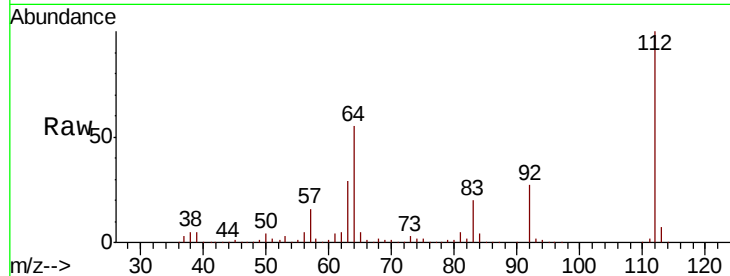
ClientSampleId :

TP-14-EP2-3MS

Tot Ion:	112	Resp:	937765
Ion Ratio	Lower	Upper	
112	100		
64	54.9	40.4	60.6
63	29.2	21.3	31.9

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#6

Aniline

Concen: 17.585 ng

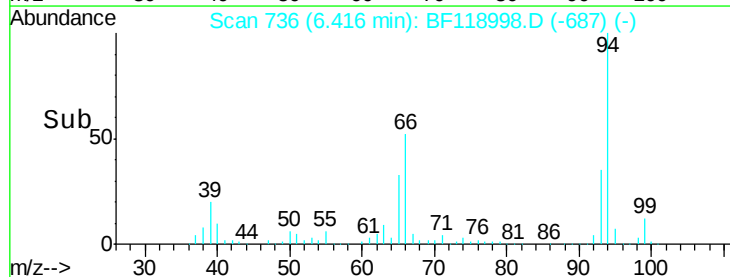
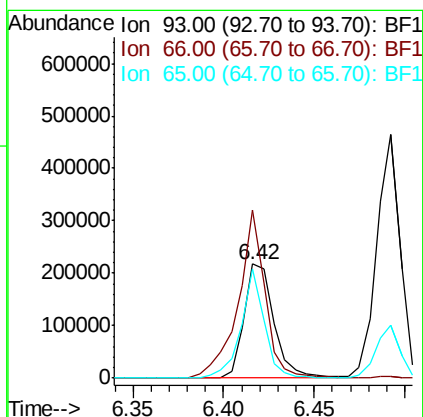
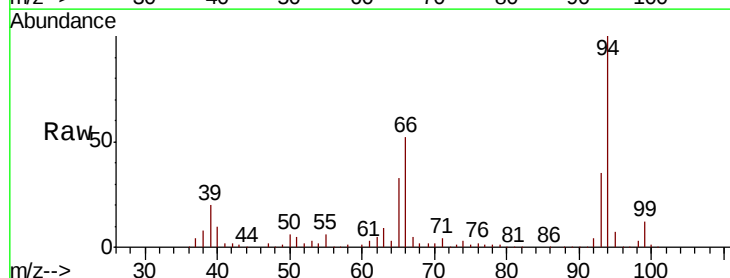
RT: 6.42 min Scan# 736

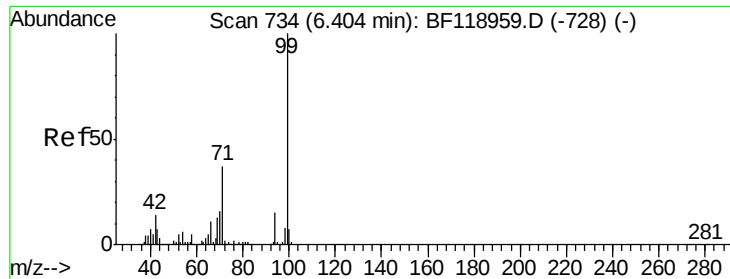
Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion:	93	Resp:	251246
Ion Ratio	Lower	Upper	
93	100		
66	147.6	32.2	48.2#
65	95.2	16.1	24.1#





#7

Phenol-d6

Concen: 96.374 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

TP-14-EP2-3MS

Tot Ion: 99 Resp: 1115905

Ion Ratio Lower Upper

99 100

42 14.6 11.4 17.0

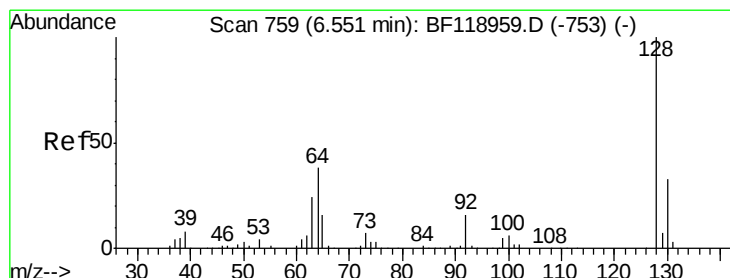
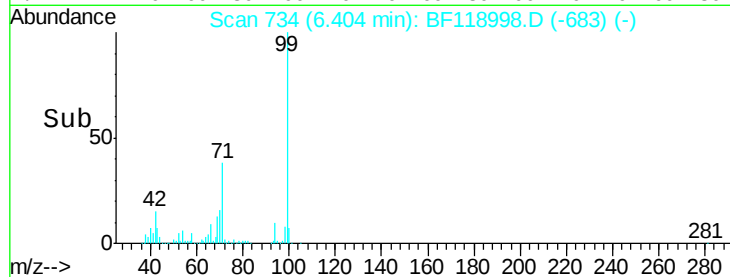
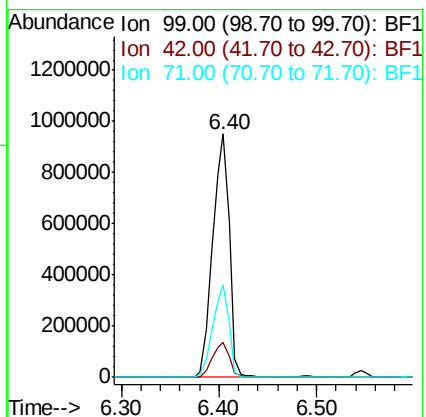
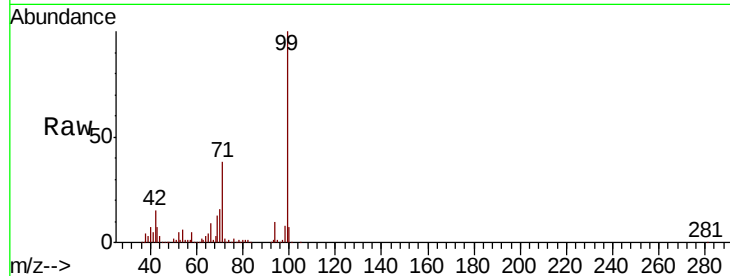
71 37.8 29.8 44.6

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#8

2-Chlorophenol

Concen: 43.500 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

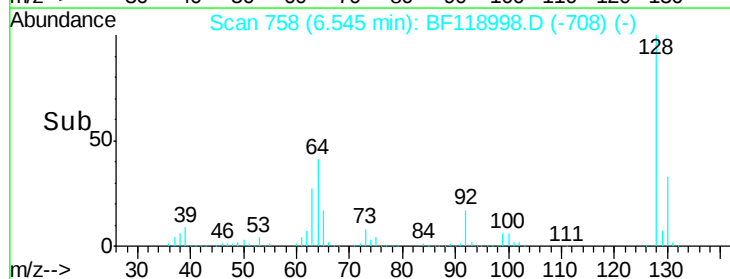
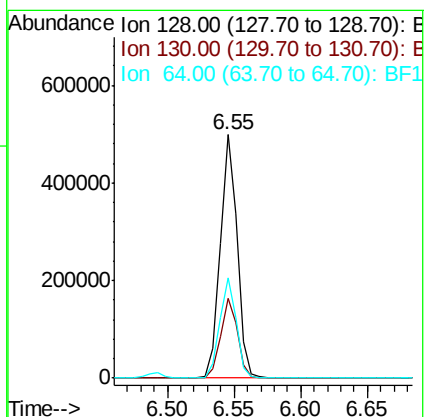
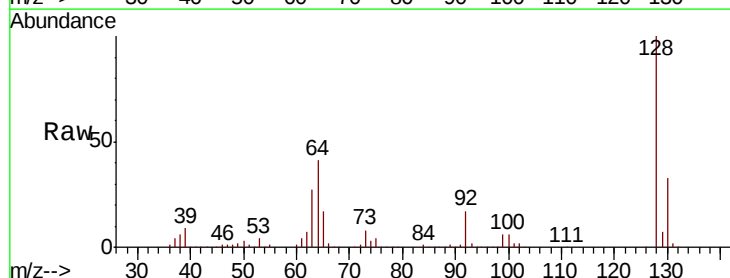
Tgt Ion: 128 Resp: 446949

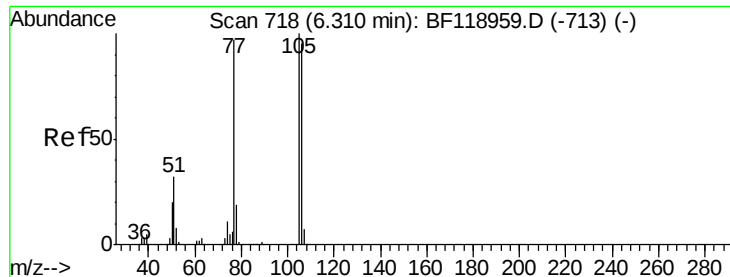
Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

64 41.4 18.7 58.7





#9

Benzaldehyde

Concen: 24.696 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF118998.D

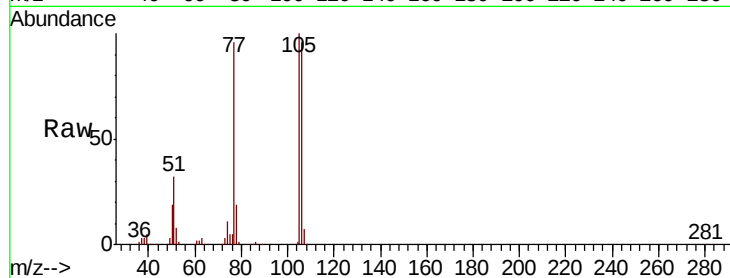
Acq: 21 Feb 2020 17:52

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BNA_F

ClientSampleId :

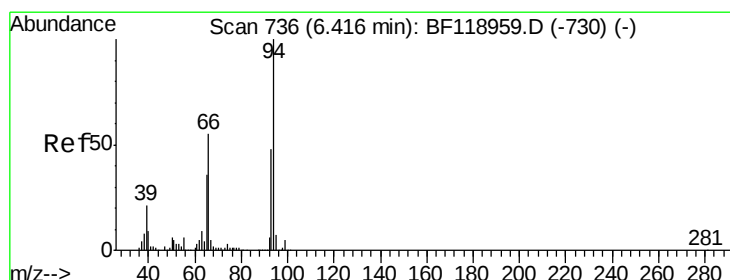
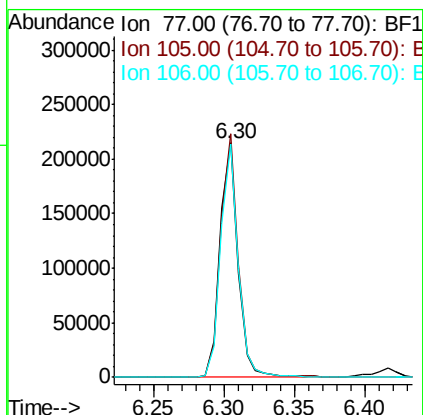
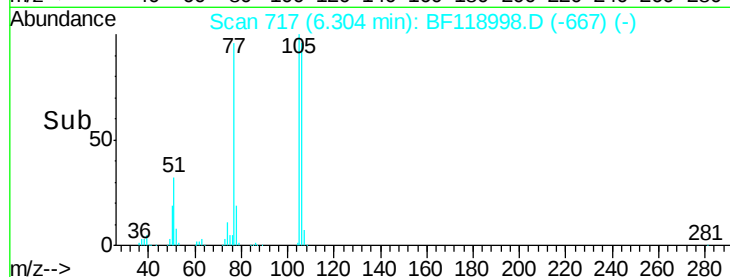
TP-14-EP2-3MS



Tot Ion:	77	Resp:	191047
Ion	Ratio	Lower	Upper
77	100		
105	104.0	83.0	123.0
106	99.5	78.3	118.3

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#10

Phenol

Concen: 40.750 ng

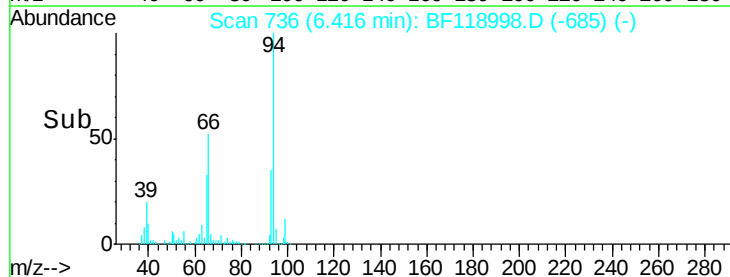
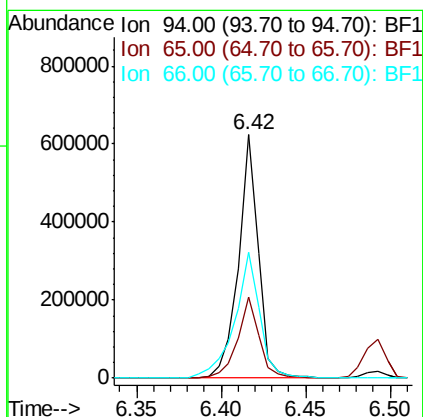
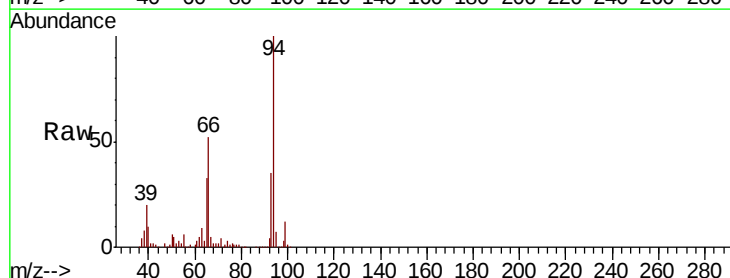
RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion:	94	Resp:	510148
Ion	Ratio	Lower	Upper
94	100		
65	33.3	15.5	55.5
66	51.5	35.6	75.6





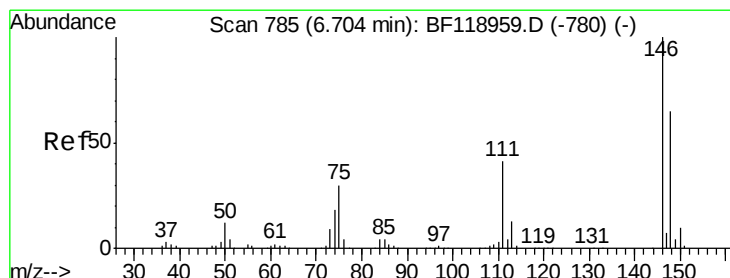
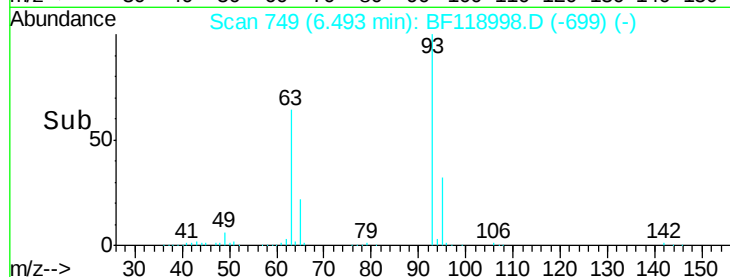
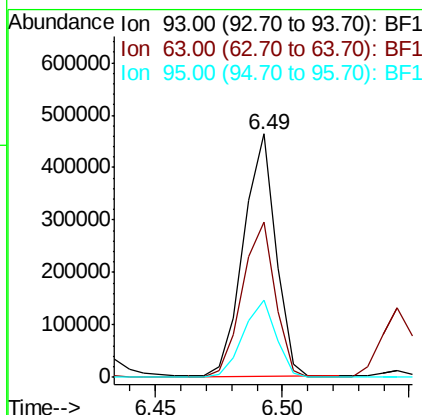
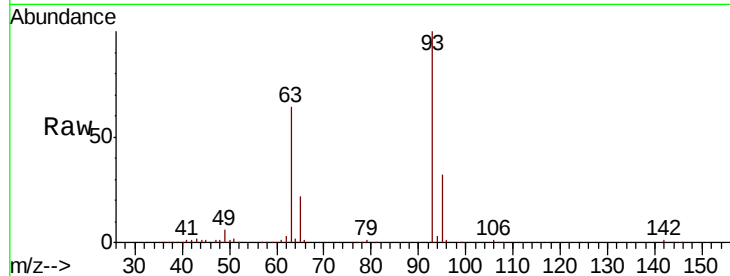
#11
bis(2-Chloroethyl)ether
Concen: 42.922 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	63.9	46.8	86.8	
95	31.9	12.7	52.7	

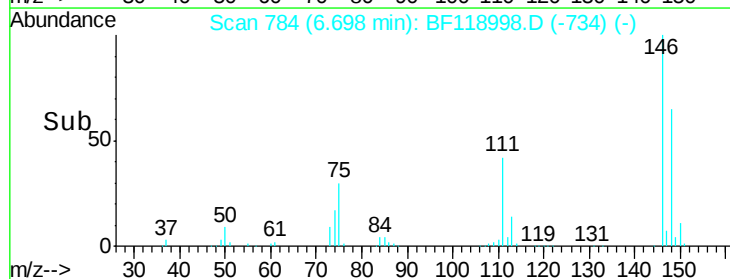
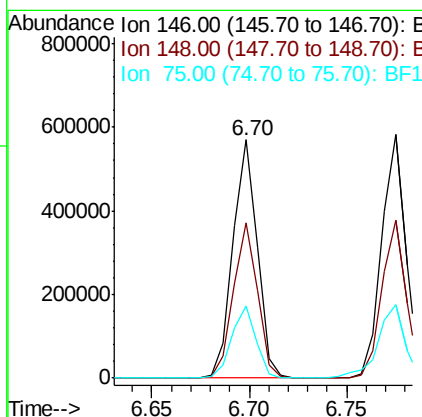
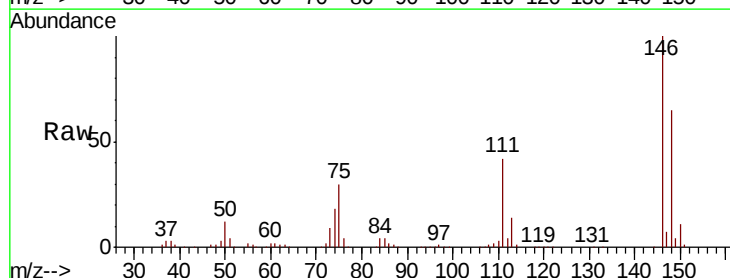
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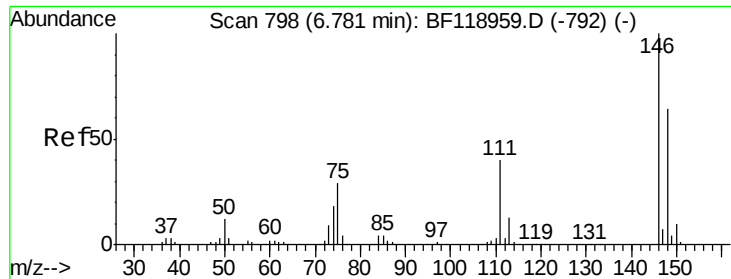
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#12
1,3-Dichlorobenzene
Concen: 39.957 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.3	51.7	77.5	
75	30.1	23.6	35.4	





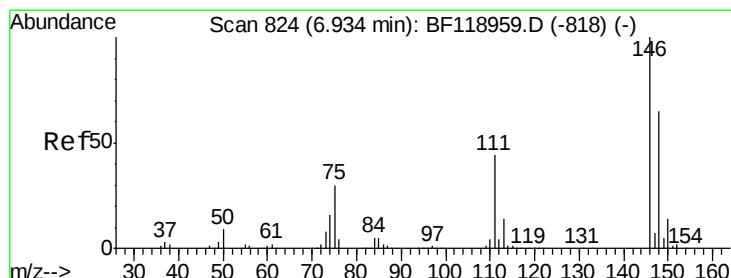
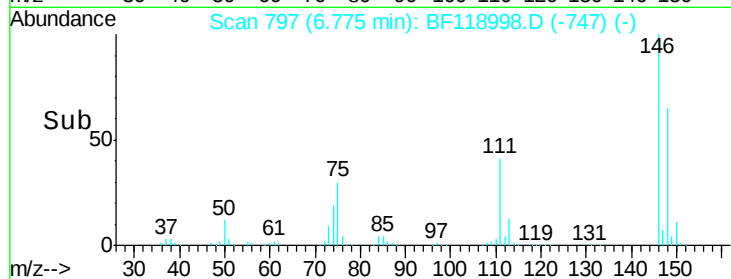
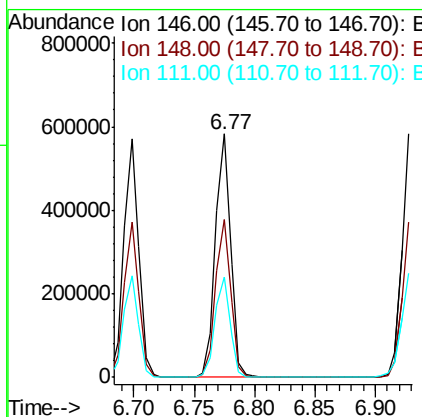
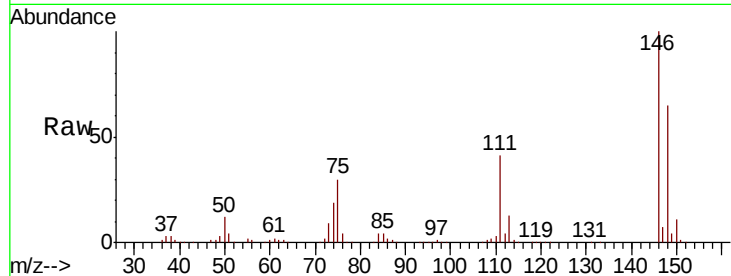
#13
1,4-Dichlorobenzene
Concen: 40.662 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	41.1	31.9	47.9

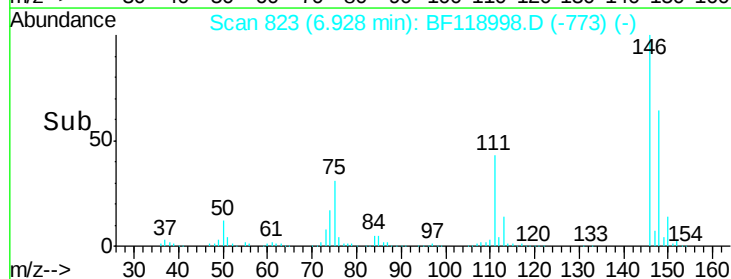
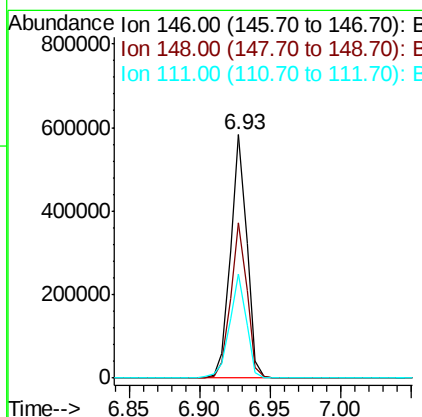
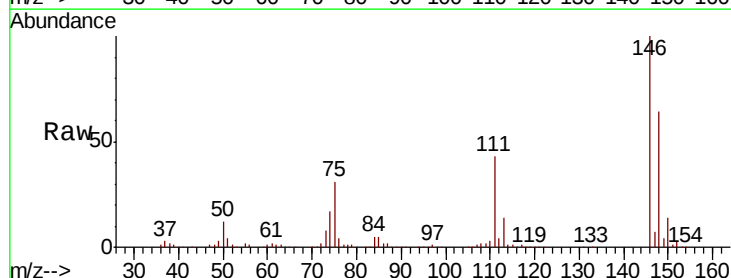
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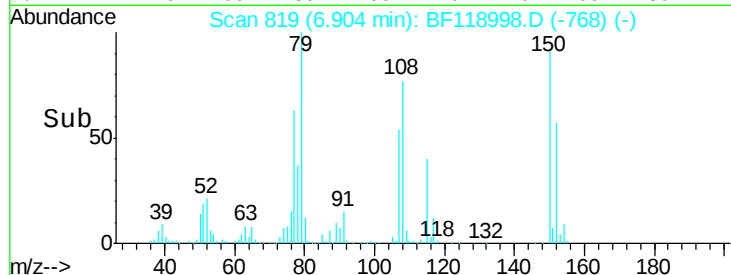
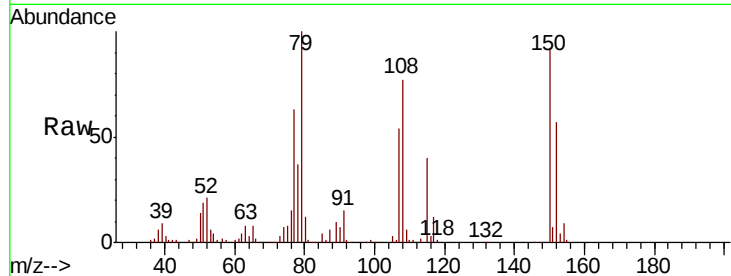
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#14
1,2-Dichlorobenzene
Concen: 41.622 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
111	42.6	35.5	53.3





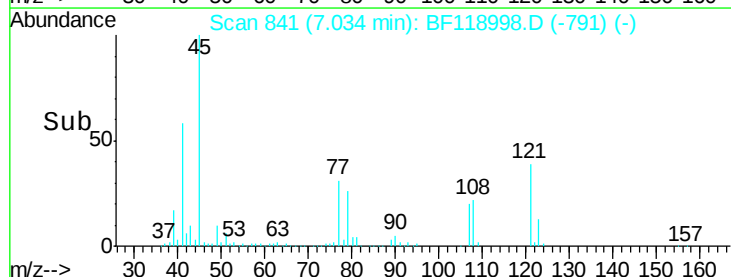
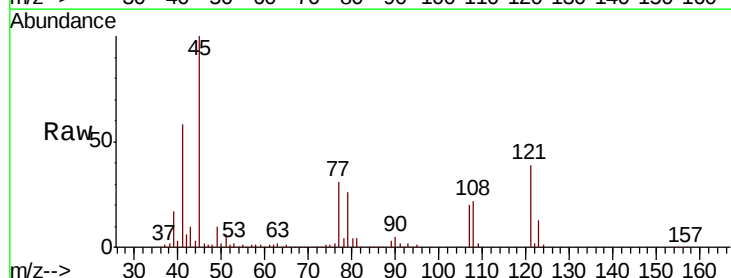
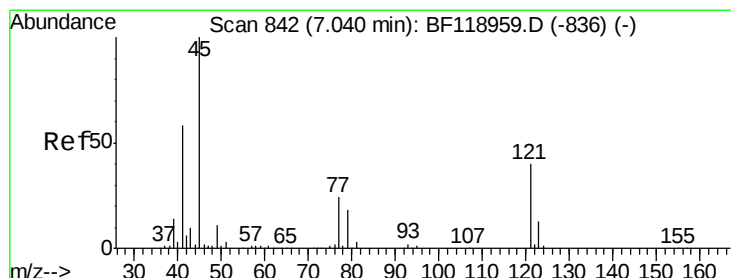
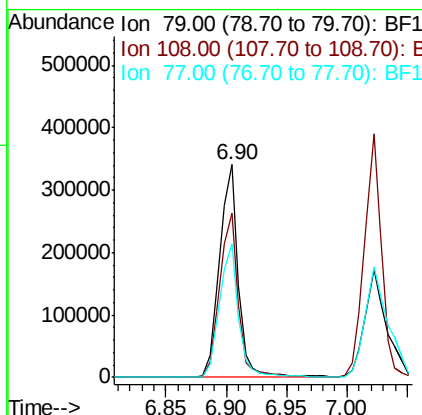
#15
Benzyl Alcohol
Concen: 43.611 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	77.2	61.1	91.7	
77	62.9	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

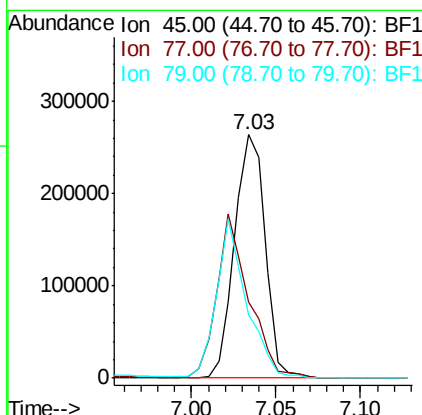
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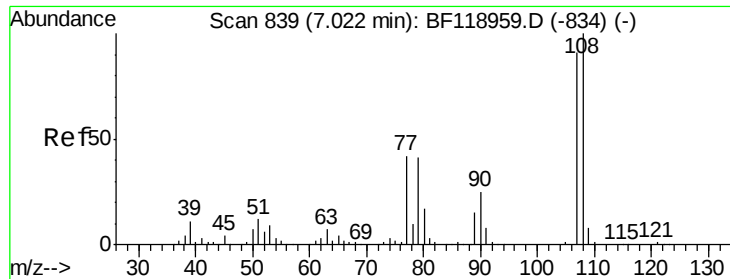
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.206 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	31.2	6.1	46.1	
79	25.7	0.5	40.5	





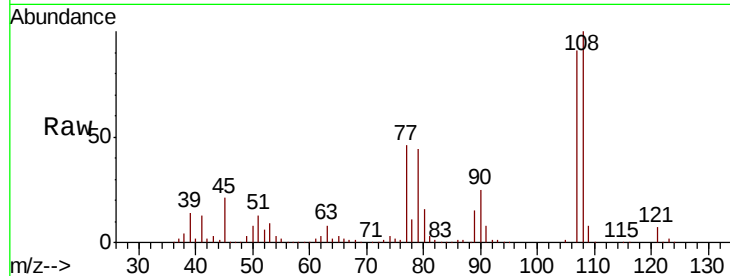
#17
2-Methylphenol
Concen: 41.710 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

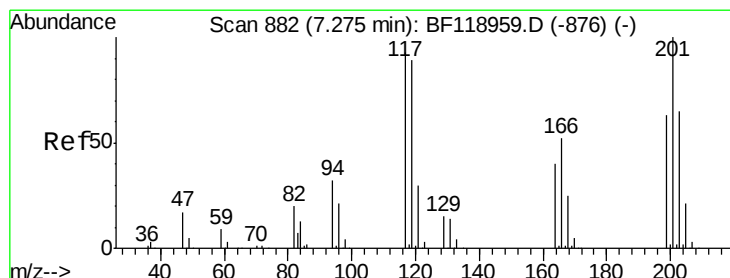
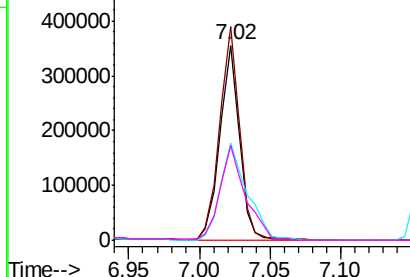
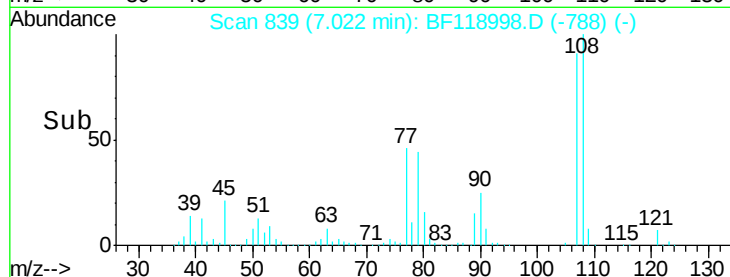
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.4	87.7	131.5	
77	49.9	36.8	55.2	
79	48.6	36.4	54.6	

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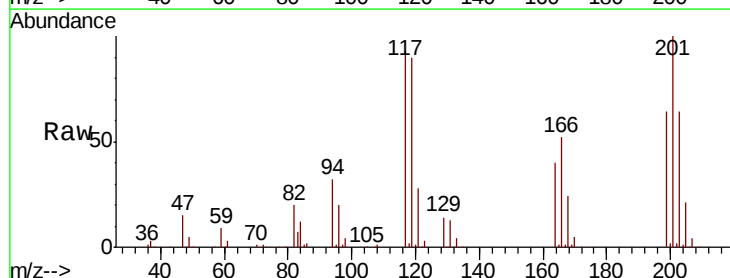


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF1
400000 Ion 79.00 (78.70 to 79.70): BF1

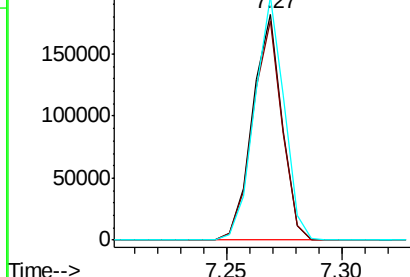
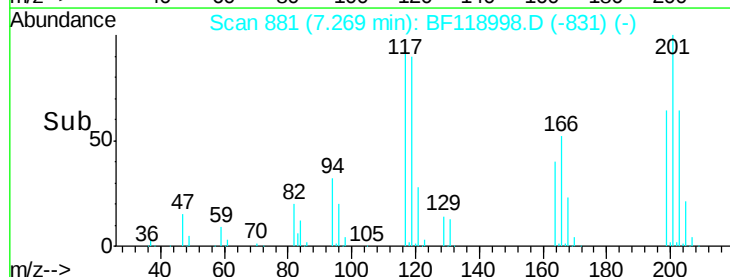


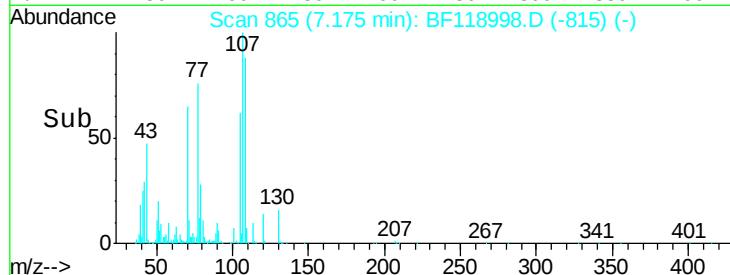
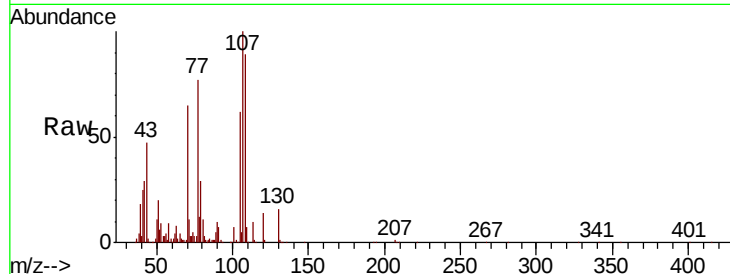
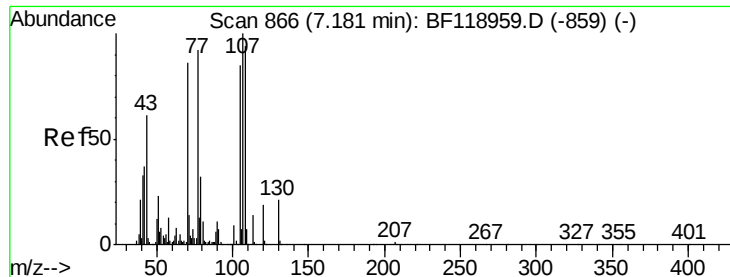
#18
Hexachloroethane
Concen: 36.772 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.0	115.6	
201	107.8	86.4	129.6	



Abundance Ion 117.00 (116.70 to 117.70): E
250000 Ion 119.00 (118.70 to 119.70): E
200000 Ion 201.00 (200.70 to 201.70): E





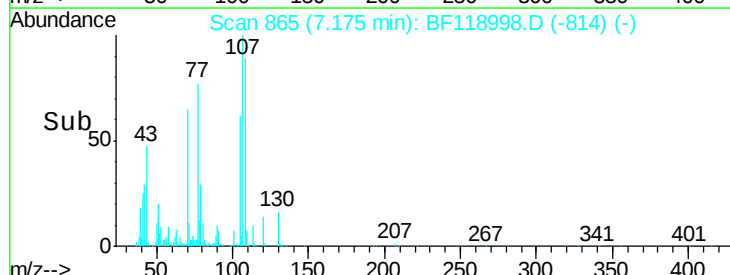
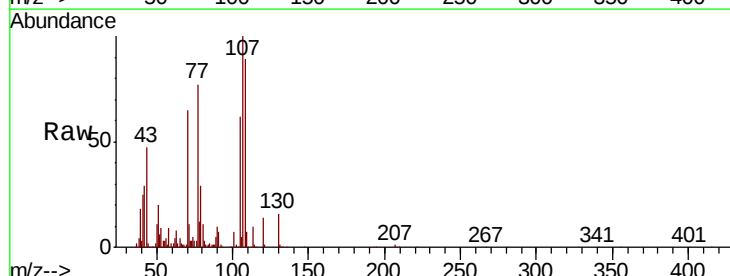
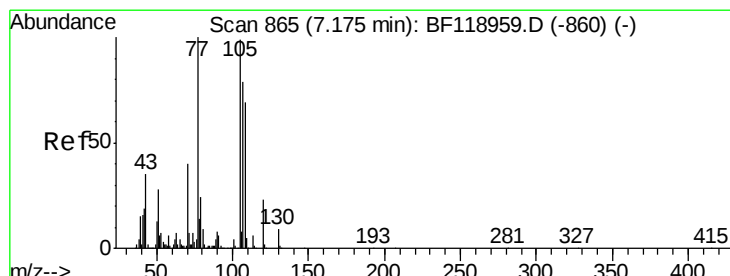
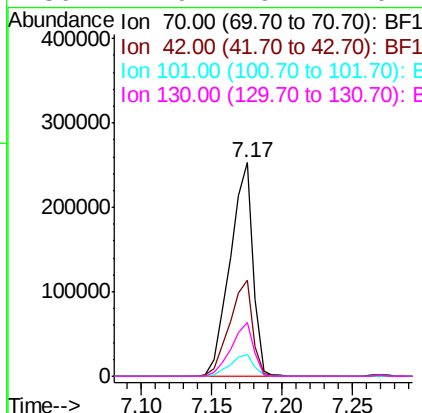
#19
n-Nitroso-di-n-propylamine
Concen: 42.189 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	44.7	34.6	51.8
101	10.4	8.1	12.1
130	24.9	19.4	29.2

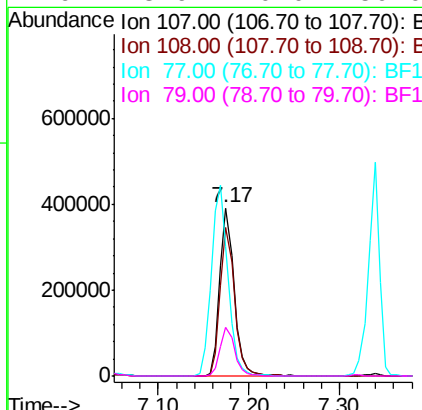
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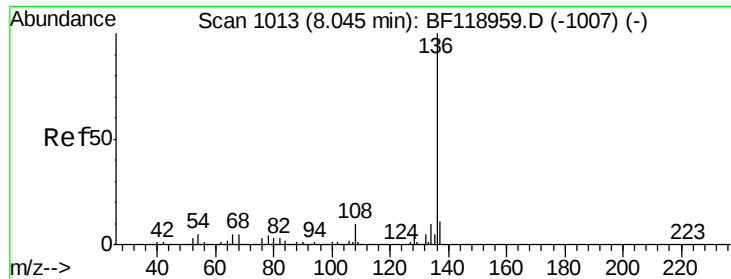
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#20
3+4-Methylphenols
Concen: 41.812 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	67.0	107.0
77	76.5	106.2	146.2#
79	28.9	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

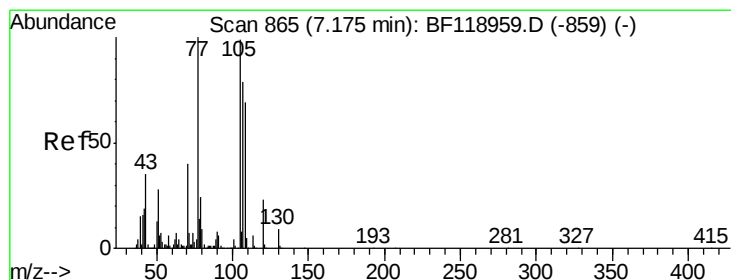
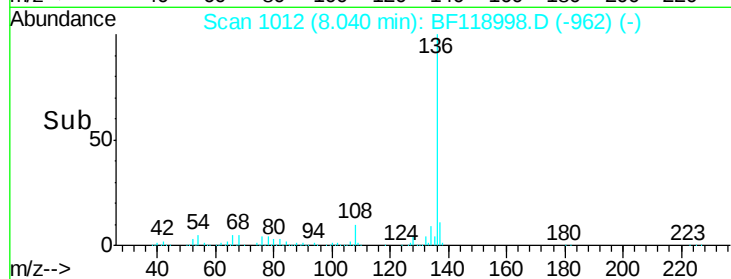
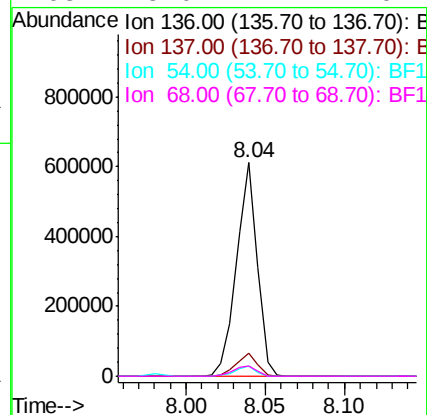
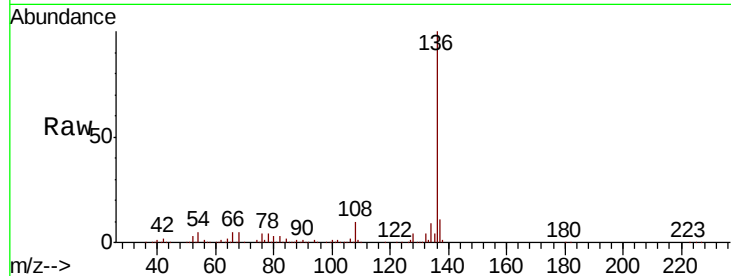
ClientSampleId :

TP-14-EP2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		557088		
137	11.0		8.9	13.3	
54	5.0		3.8	5.6	
68	5.0		4.2	6.2	

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#22

Acetophenone

Concen: 44.558 ng

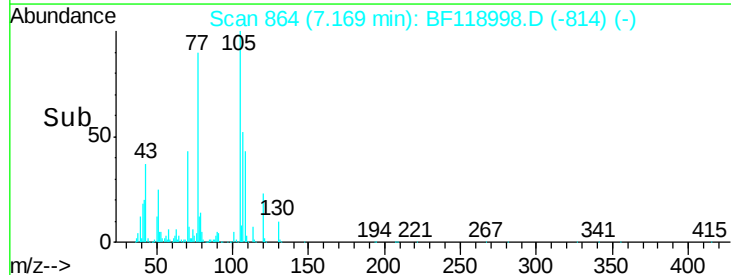
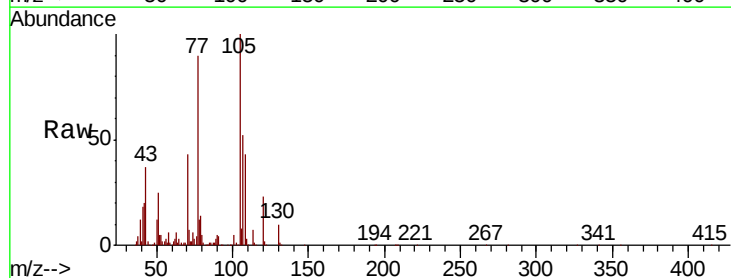
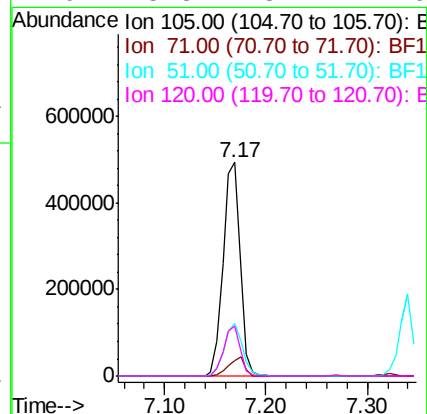
RT: 7.17 min Scan# 864

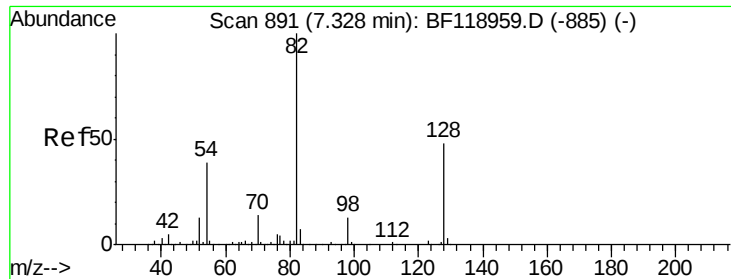
Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		574337		
71	7.4		5.4	8.0	
51	24.7		22.5	33.7	
120	23.3		18.4	27.6	





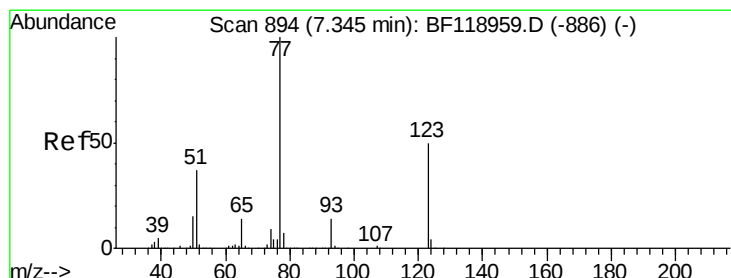
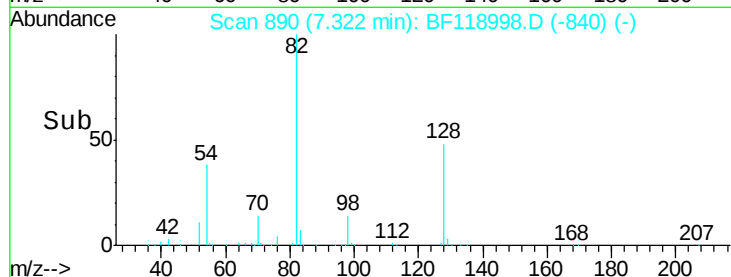
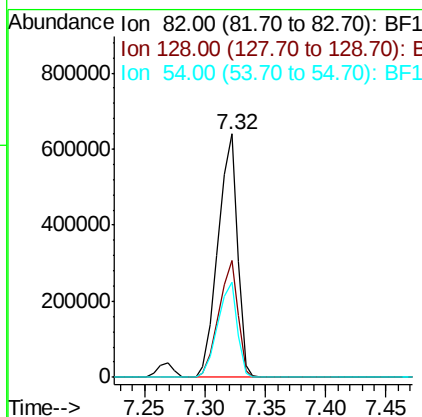
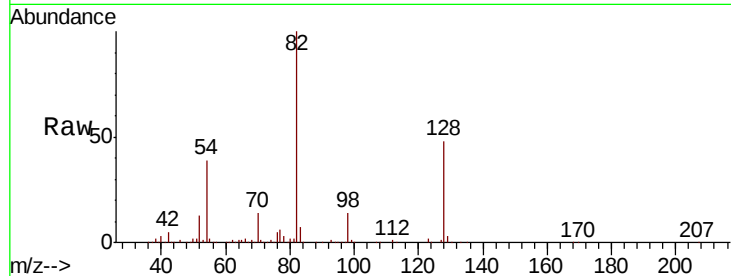
#23
Nitrobenzene-d5
Concen: 67.391 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.2	57.2
54	38.9	31.3	46.9

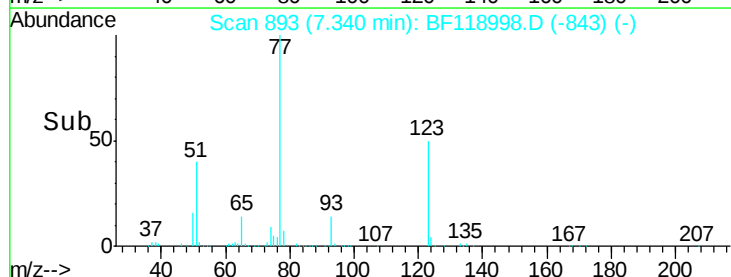
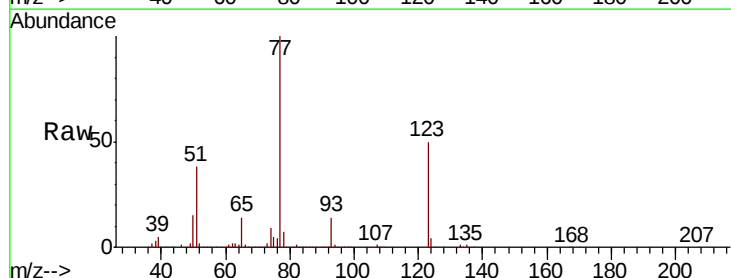
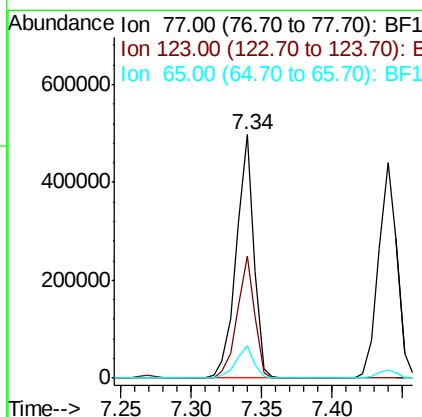
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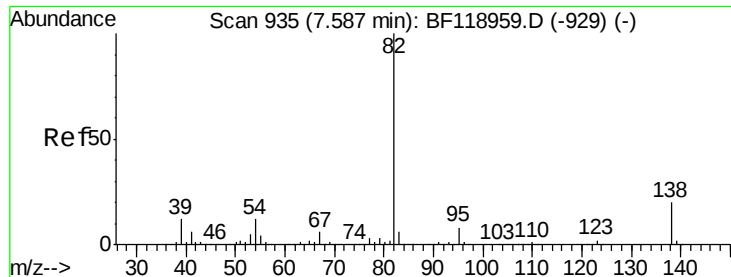
mohammad
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#24
Nitrobenzene
Concen: 41.581 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.0	40.1	60.1
65	13.5	10.9	16.3





#25

Isophorone

Concen: 42.744 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

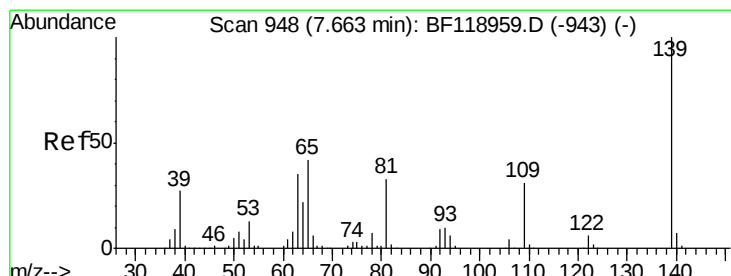
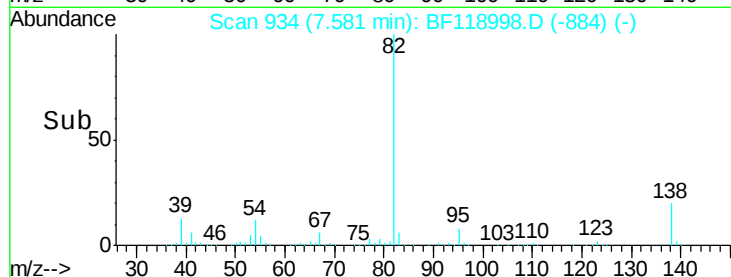
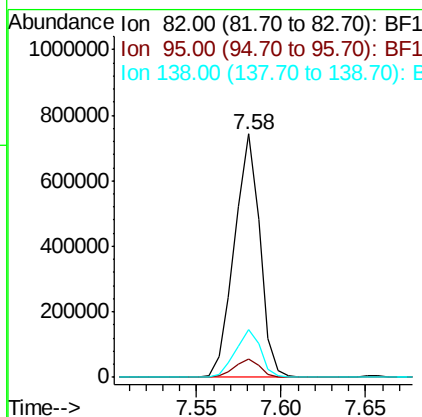
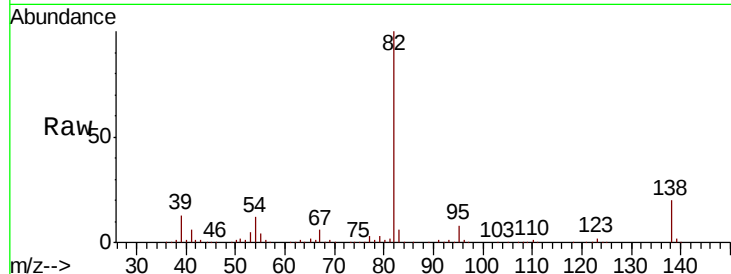
ClientSampleId :

TP-14-EP2-3MS

Tot Ion:	82	Resp:	783225
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.1	9.1
138	19.5	15.8	23.6

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#26

2-Nitrophenol

Concen: 42.532 ng

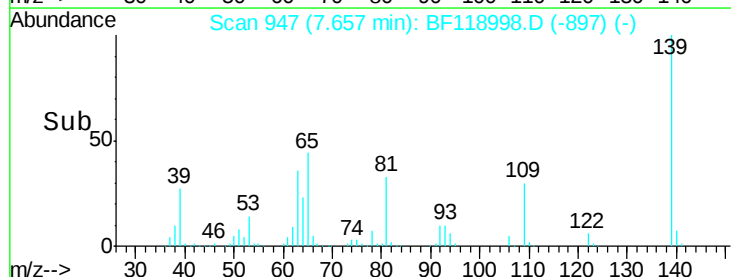
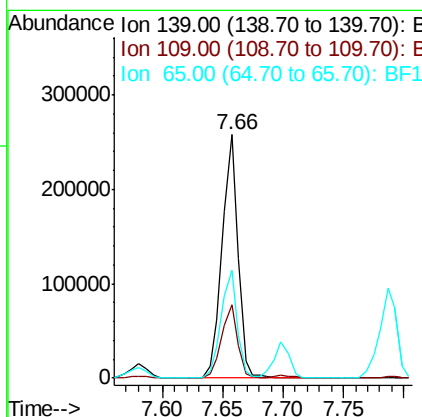
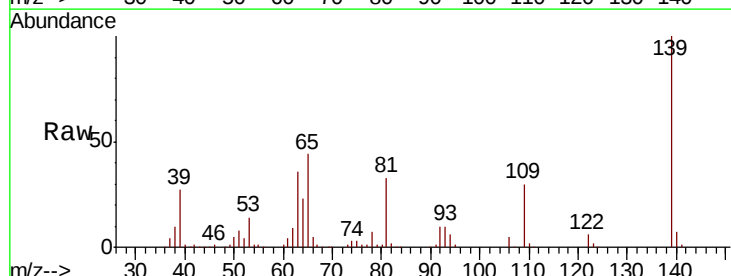
RT: 7.66 min Scan# 947

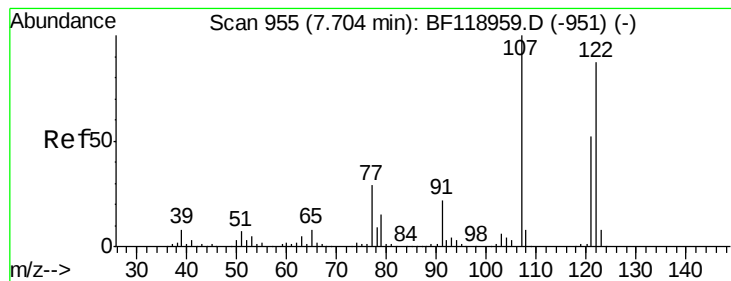
Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion:	139	Resp:	235132
Ion Ratio	Lower	Upper	
139	100		
109	30.0	24.6	36.8
65	44.1	33.6	50.4





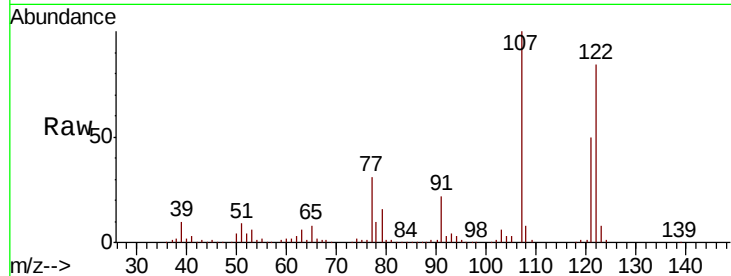
#27
 2,4-Dimethylphenol
 Concen: 47.831 ng
 RT: 7.70 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	358875		
107	119.6	91.8	137.8	
121	59.5	47.4	71.0	

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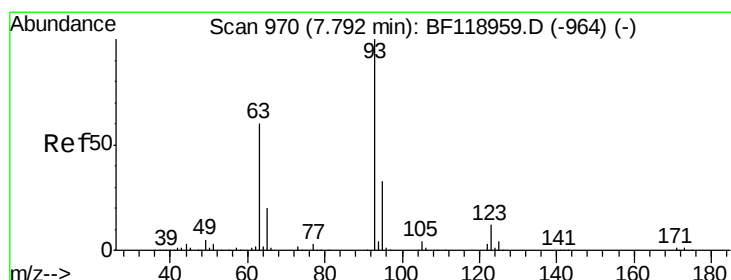
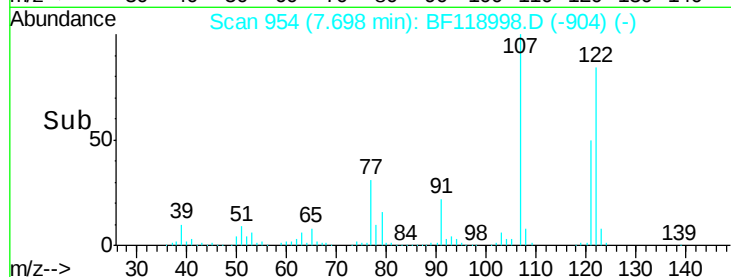
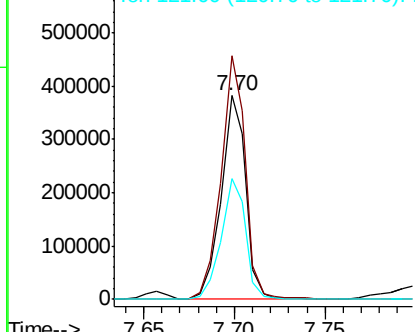


Abundance

Ion 122.00 (121.70 to 122.70): E

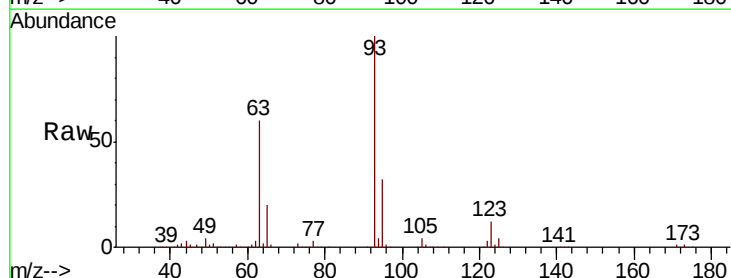
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.882 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	487595		
95	32.1	26.3	39.5	
123	12.1	9.8	14.8	

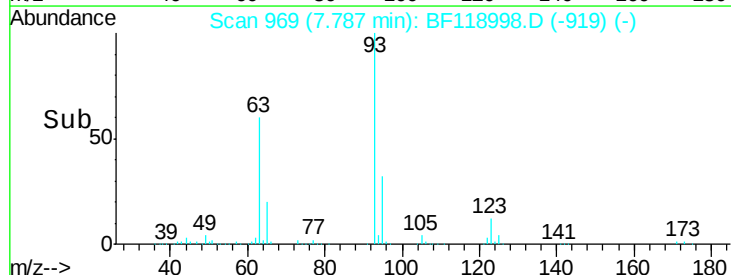
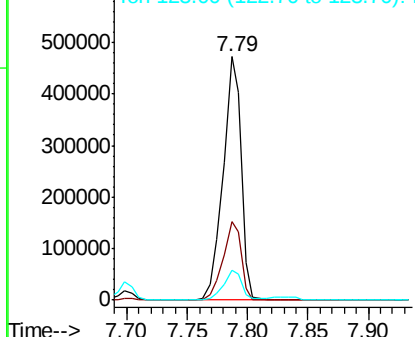


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





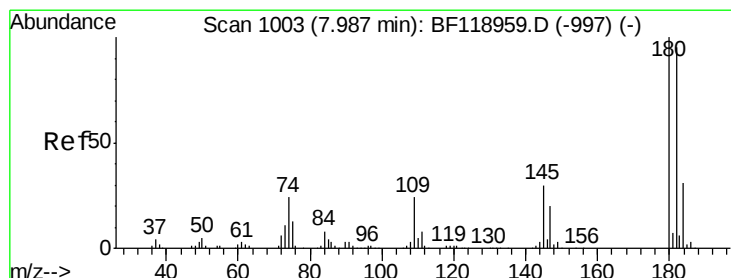
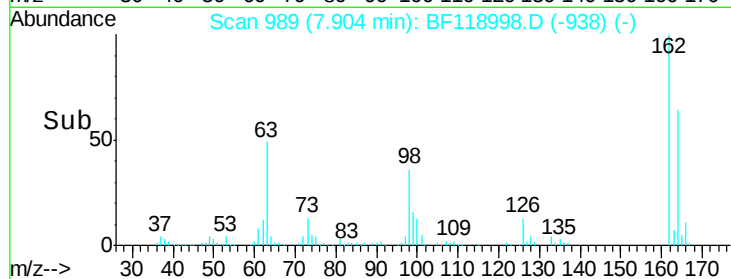
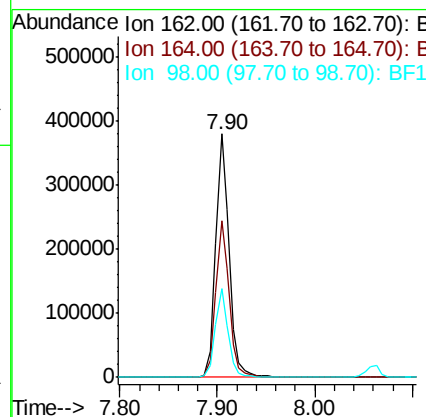
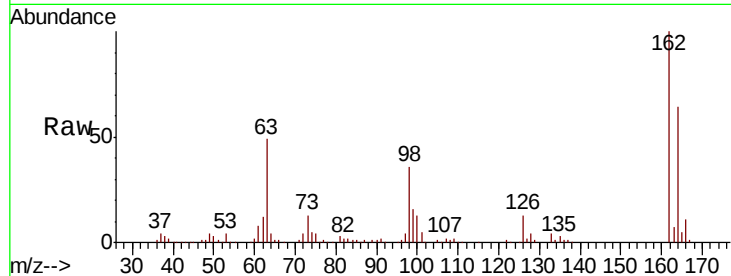
#29
2,4-Dichlorophenol
Concen: 40.863 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	360933		
164	64.3	44.1	84.1	
98	36.3	16.4	56.4	

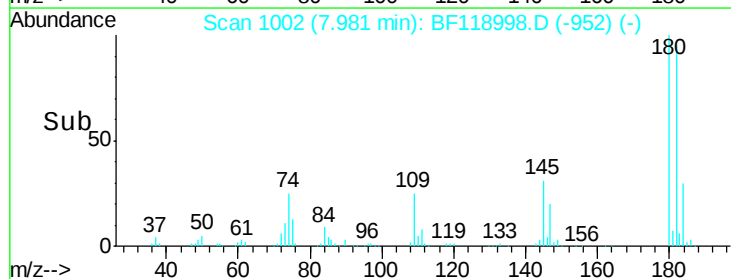
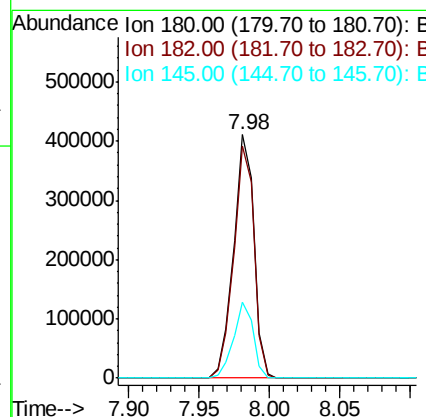
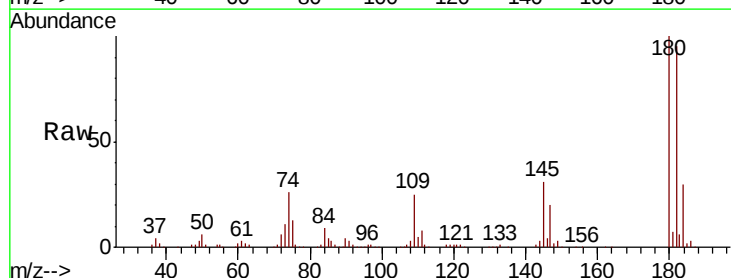
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#30
1,2,4-Trichlorobenzene
Concen: 39.282 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	411381		
182	95.5	75.8	113.8	
145	31.0	24.2	36.2	





#31

Naphthalene

Concen: 41.178 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

TP-14-EP2-3MS

Tot Ion:128 Resp: 1189702

Ion Ratio Lower Upper

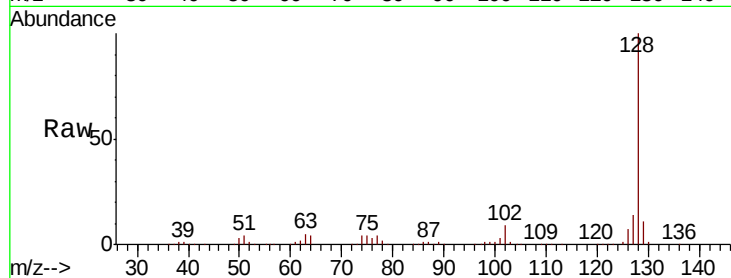
128 100

129 10.9 9.0 13.4

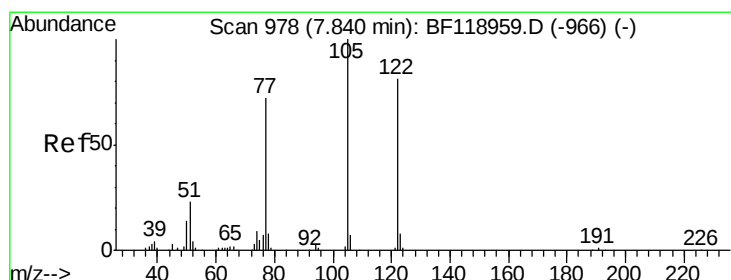
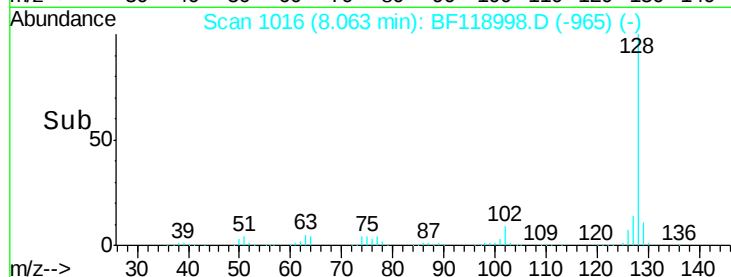
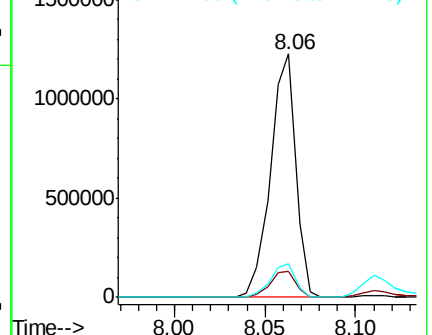
127 13.7 10.9 16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.258 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

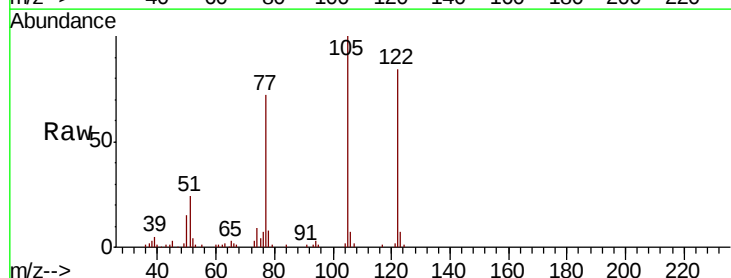
Tgt Ion:122 Resp: 175389

Ion Ratio Lower Upper

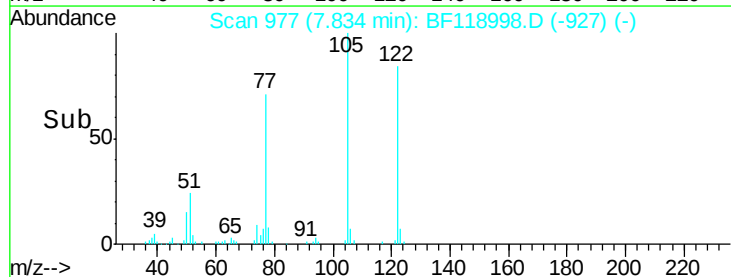
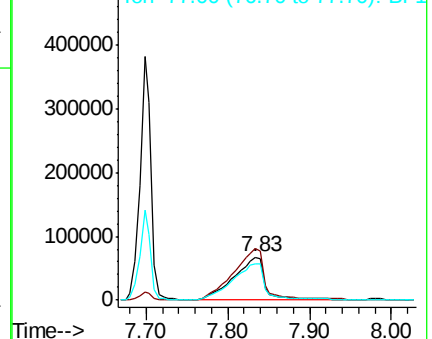
122 100

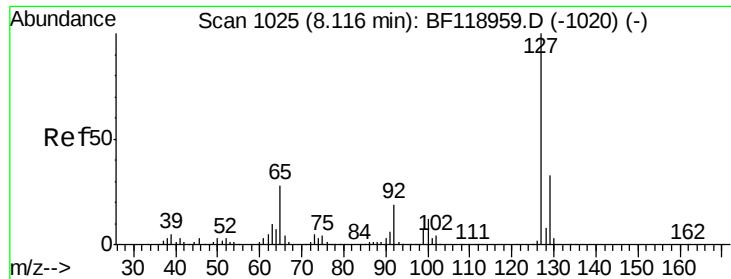
105 119.6 102.2 142.2

77 85.6 68.6 108.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





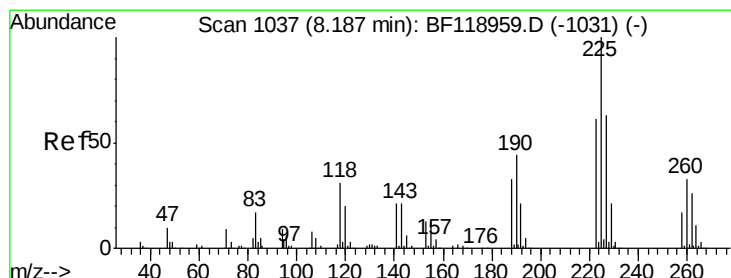
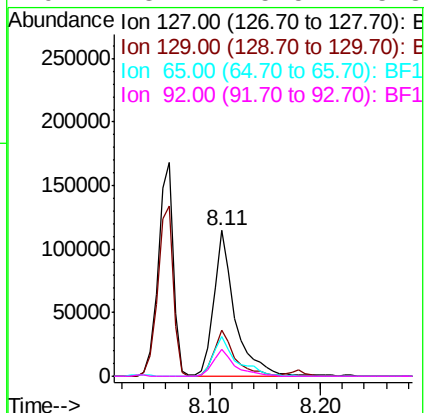
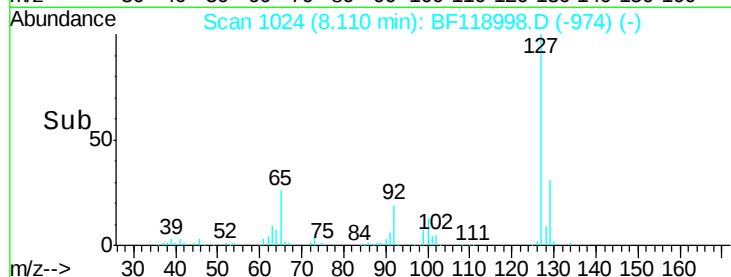
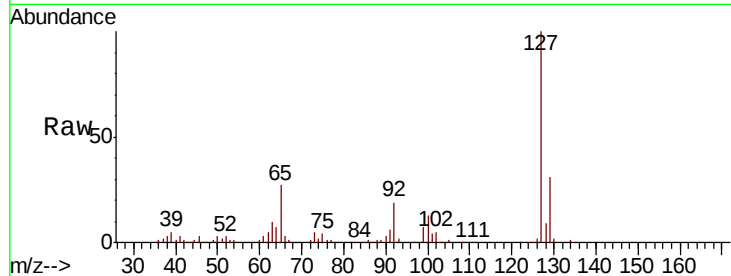
#33
4-Chloroaniline
Concen: 12.087 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.2	39.2		
65	27.2	22.0	33.0		
92	18.7	15.5	23.3		

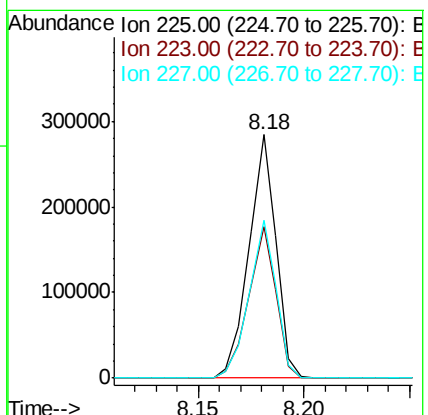
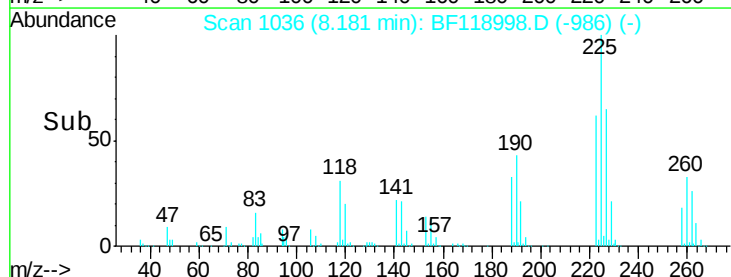
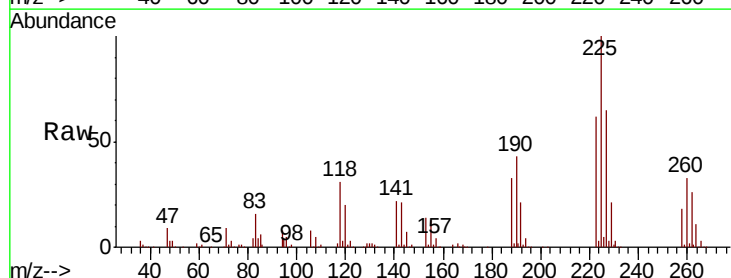
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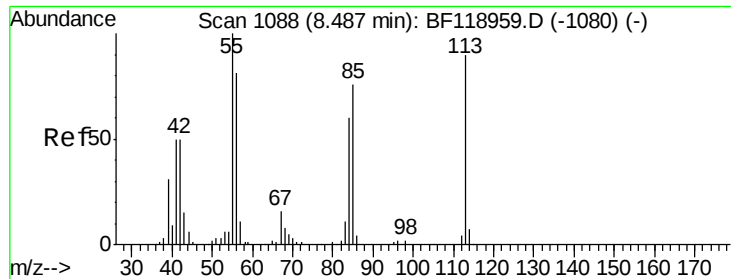
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#34
Hexachlorobutadiene
Concen: 38.927 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	48.9	73.3		
227	65.0	50.4	75.6		





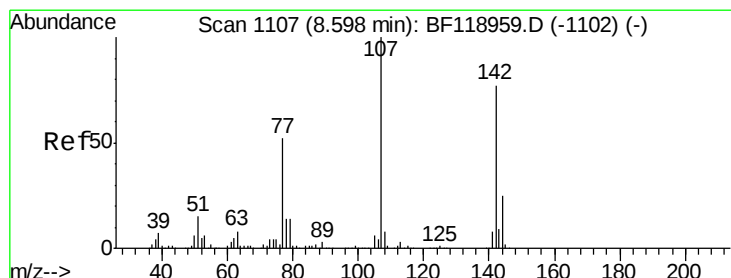
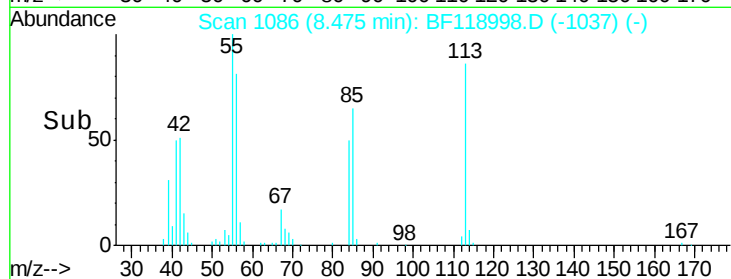
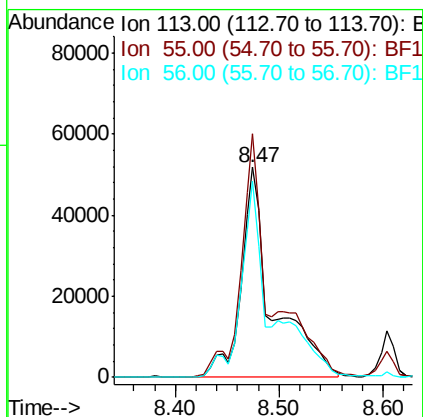
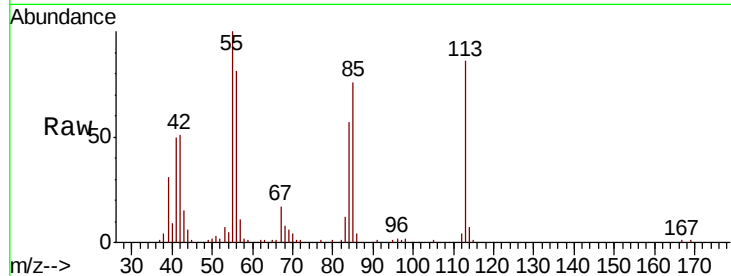
#35
 Caprolactam
 Concen: 40.184 ng m
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	116.0	90.8	130.8
56	93.6	70.0	110.0

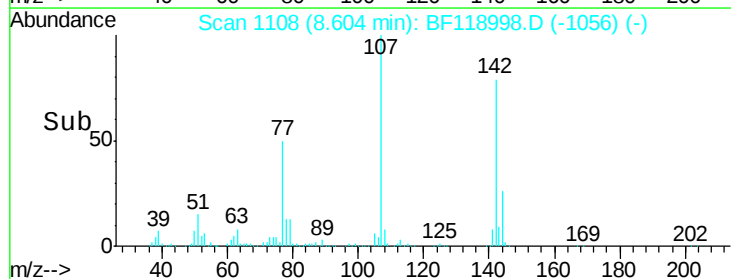
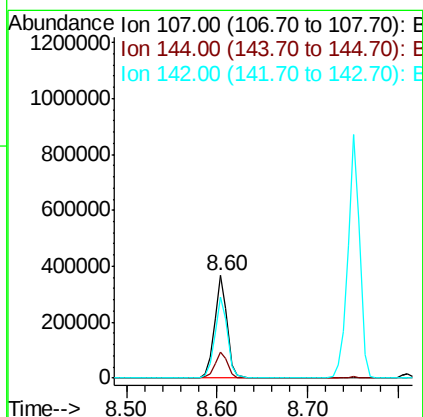
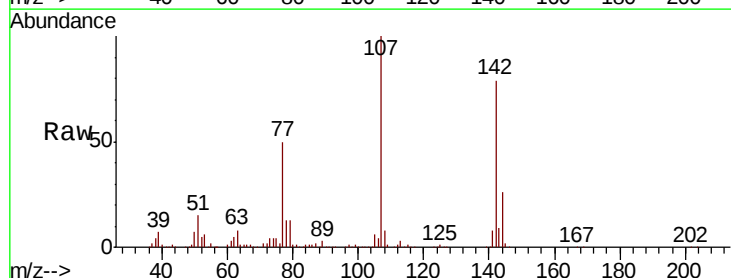
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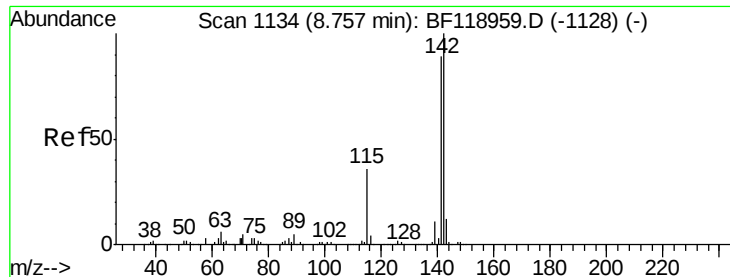
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#36
 4-Chloro-3-methylphenol
 Concen: 39.459 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.8	29.8
142	78.6	61.3	91.9





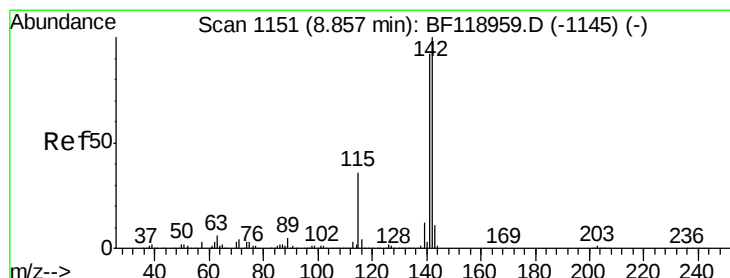
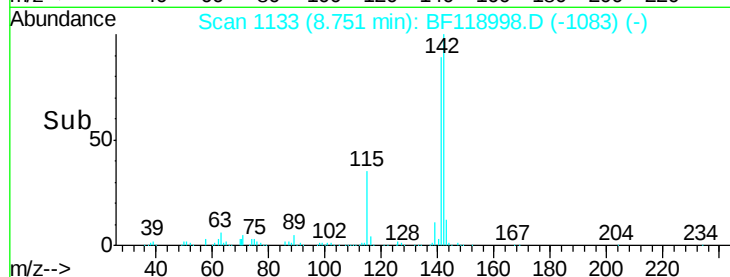
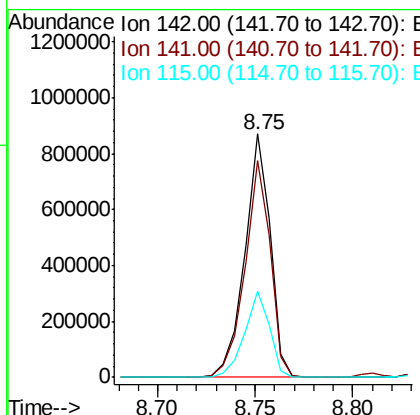
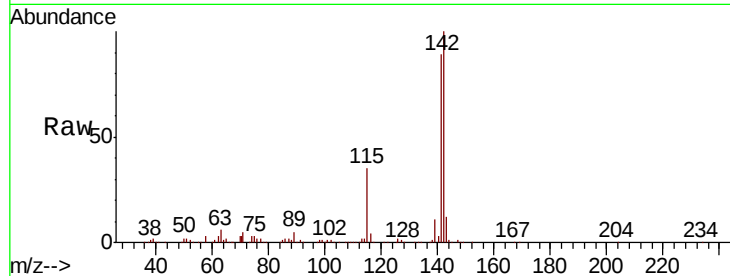
#37
2-Methylnaphthalene
Concen: 40.463 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	35.2	28.6	42.8

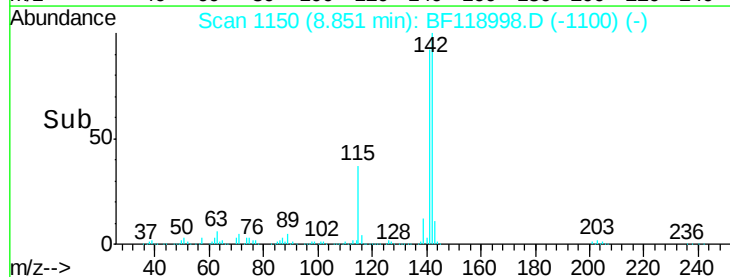
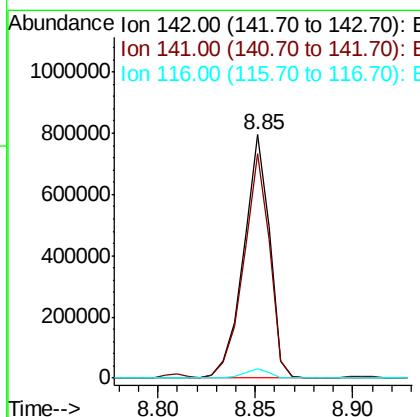
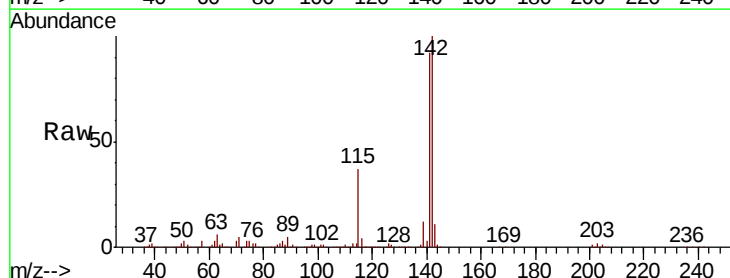
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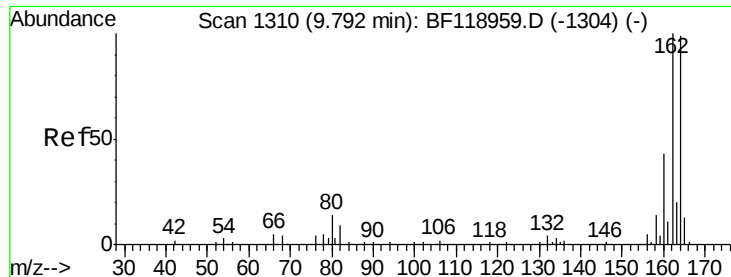
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#38
1-Methylnaphthalene
Concen: 39.976 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.7	110.5
116	3.9	3.0	4.6





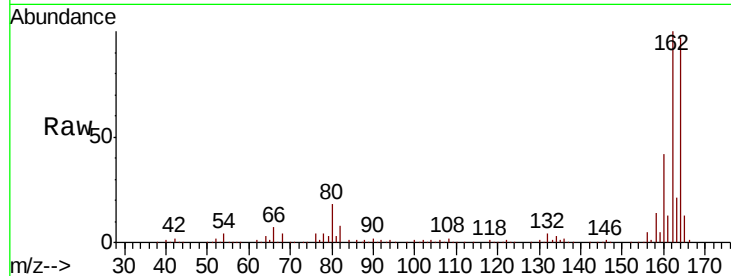
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	81.2	121.8
160	43.8	35.2	52.8

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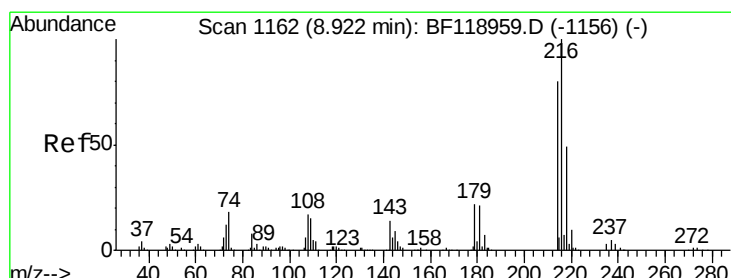
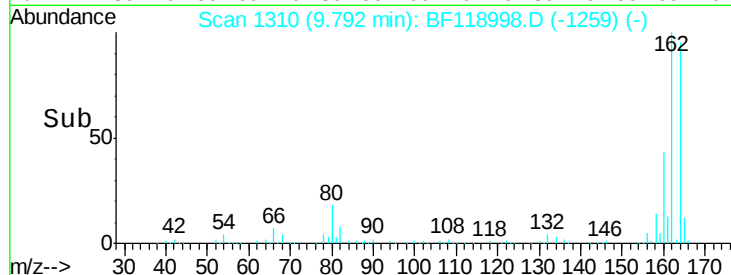
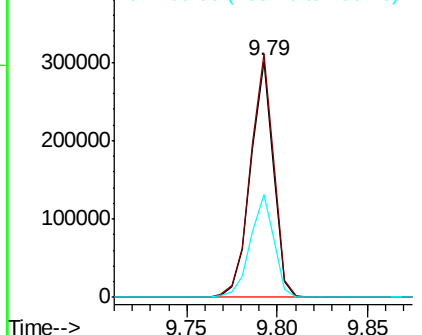


Abundance

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: 43.711 ng
RT: 8.92 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.1	94.7
179	21.2	17.2	25.8
108	16.0	13.4	20.0

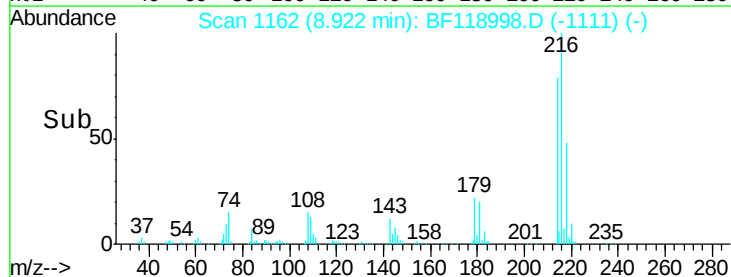
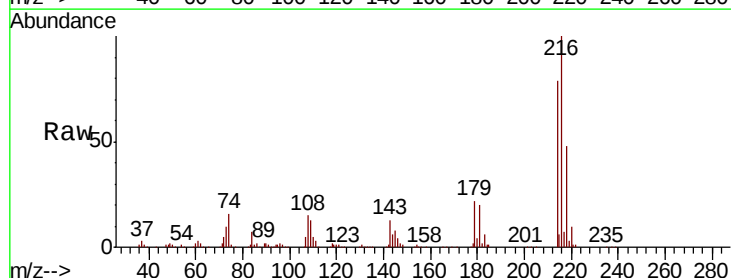
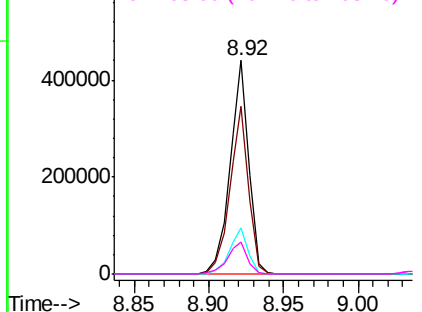
Abundance

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: 22.406 ng

RT: 8.90 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

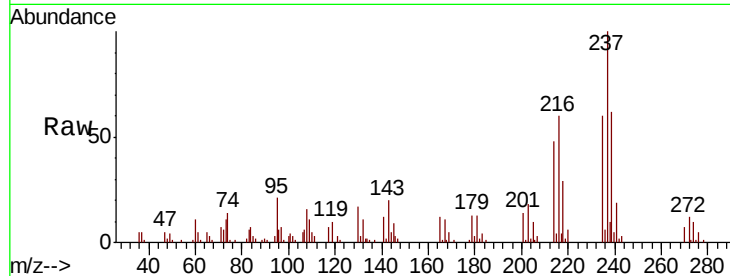
ClientSampleId :

TP-14-EP2-3MS

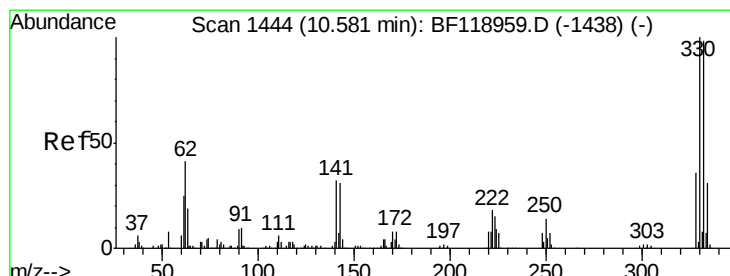
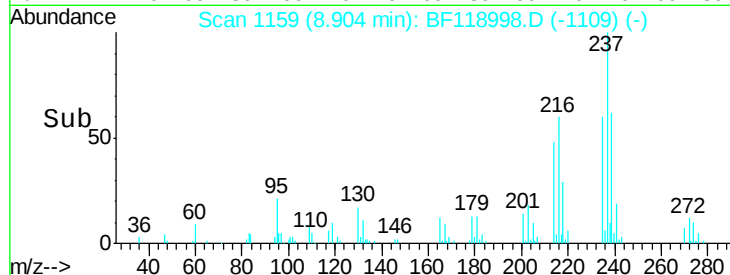
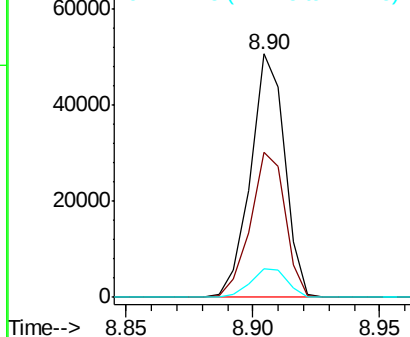
Tot Ion:	237	Resp:	47708
Ion Ratio	Lower	Upper	
237	100		
235	59.8	39.4	79.4
272	12.0	0.0	32.6

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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: 90.952 ng

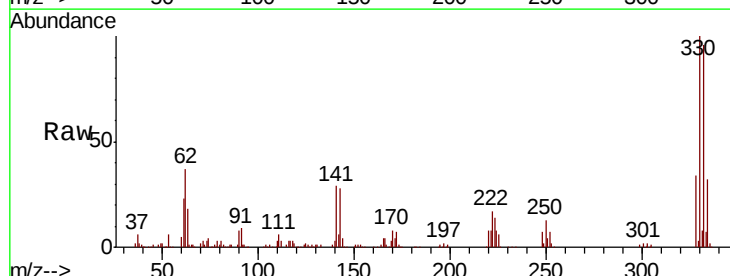
RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

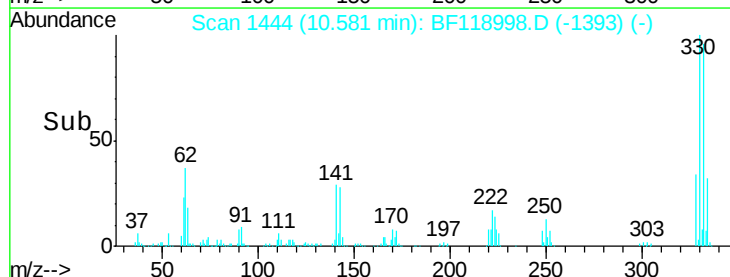
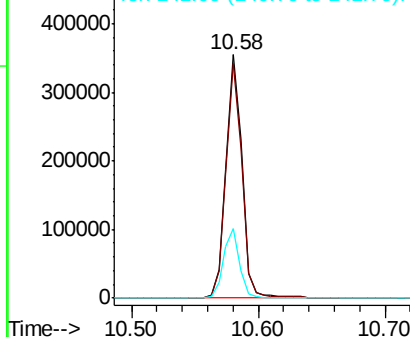
Lab File: BF118998.D

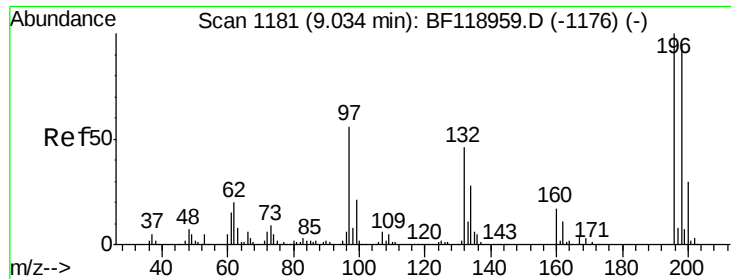
Acq: 21 Feb 2020 17:52

Tgt Ion:	330	Resp:	313723
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.1	115.7
141	28.7	23.0	34.6



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





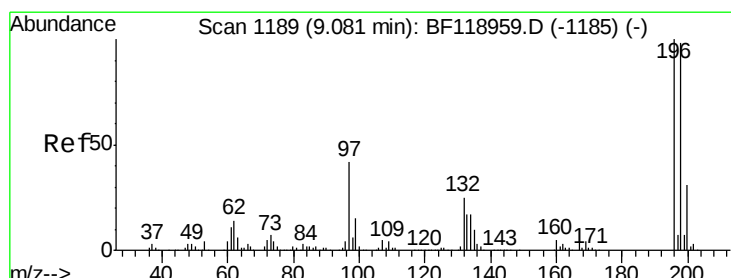
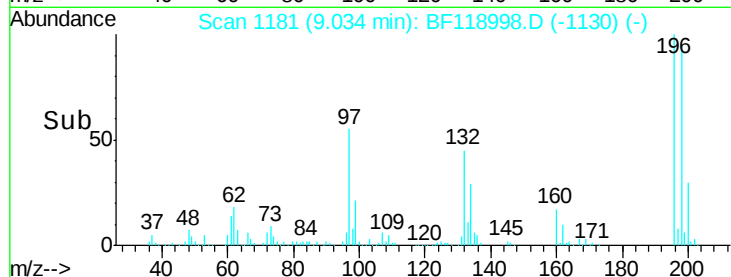
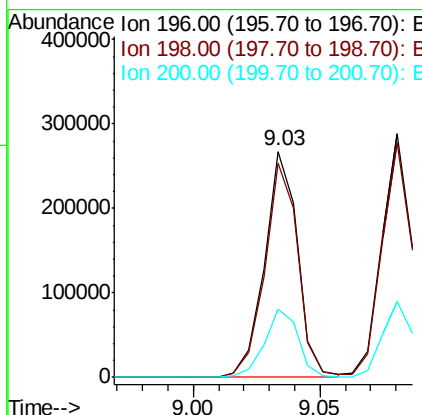
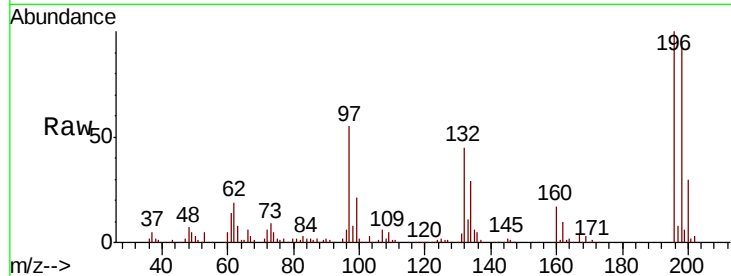
#43
 2,4,6-Trichlorophenol
 Concen: 43.596 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion:	196	Resp:	244749
Ion Ratio	Lower	Upper	
196	100		
198	94.9	75.8	113.6
200	29.9	24.1	36.1

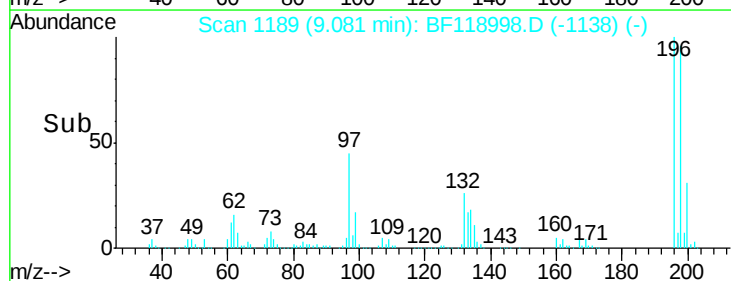
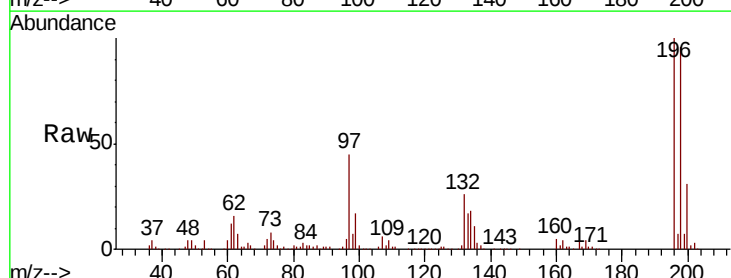
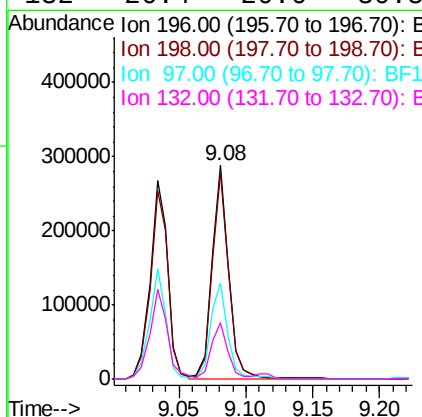
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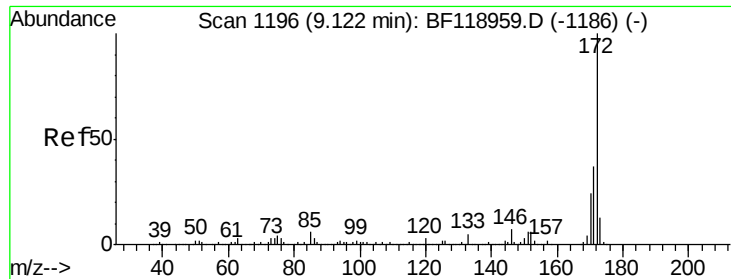
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#44
 2,4,5-Trichlorophenol
 Concen: 42.844 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion:	196	Resp:	252398
Ion Ratio	Lower	Upper	
196	100		
198	96.3	78.4	117.6
97	44.9	33.4	50.0
132	26.4	20.6	30.8





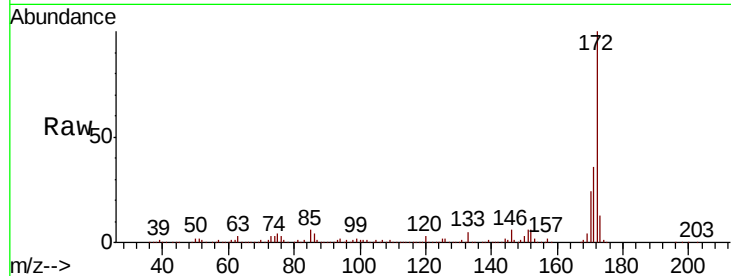
#45
2-Fluorobiphenyl
Concen: 72.982 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	24.2	19.6	29.4

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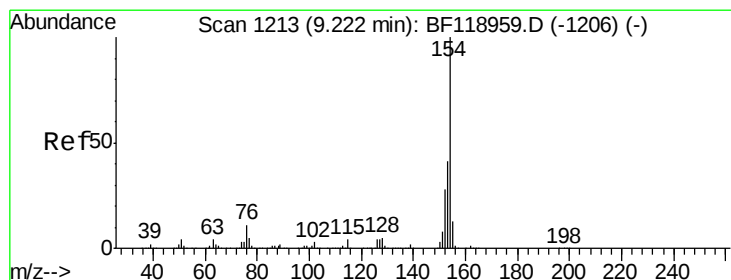
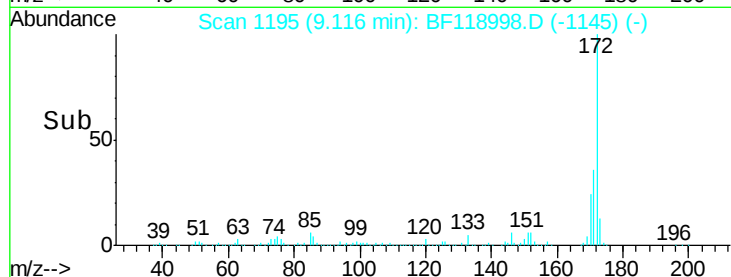
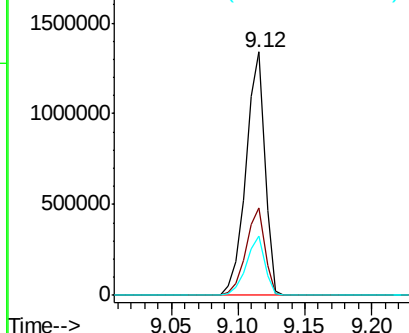


Abundance

Ion 172.00 (171.70 to 172.70): E

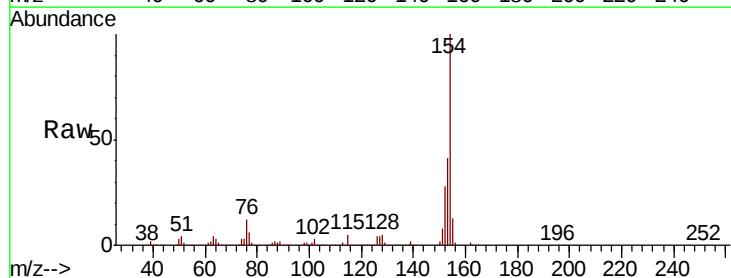
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.996 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.0	0.0	31.1

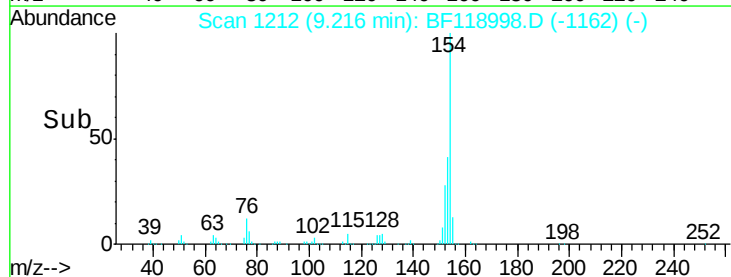
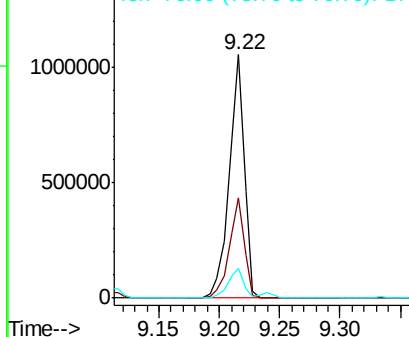


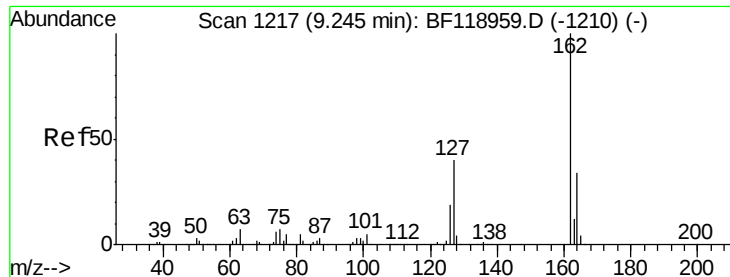
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





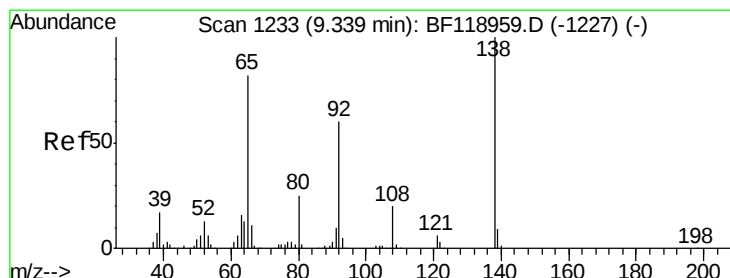
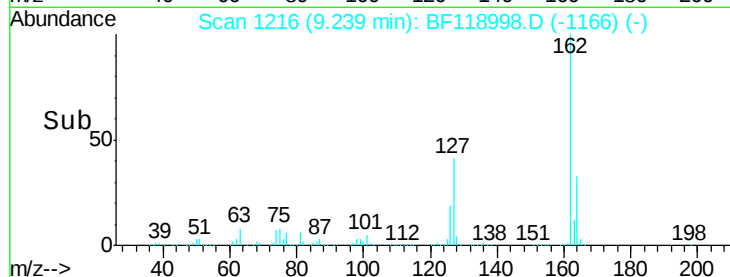
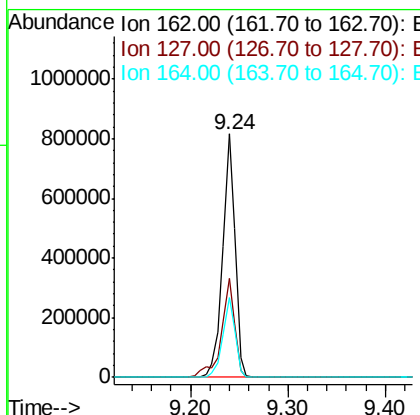
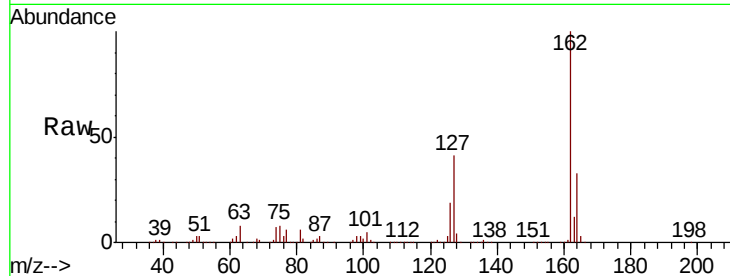
#47
 2-Chloronaphthalene
 Concen: 41.872 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.9	31.9	47.9
164	33.0	26.8	40.2

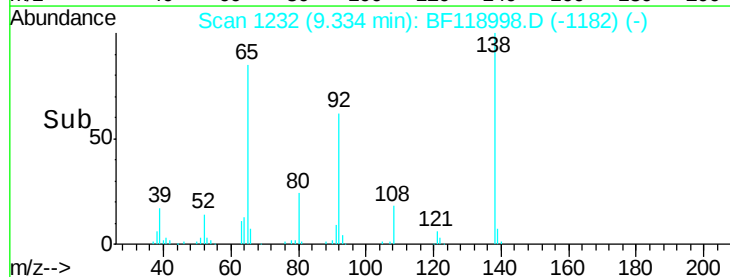
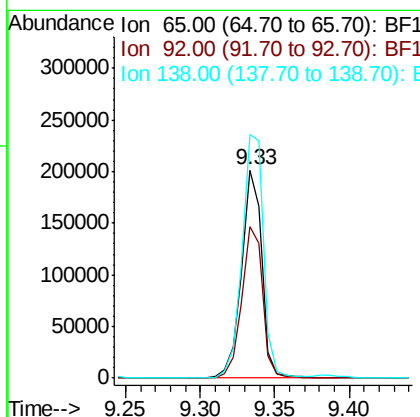
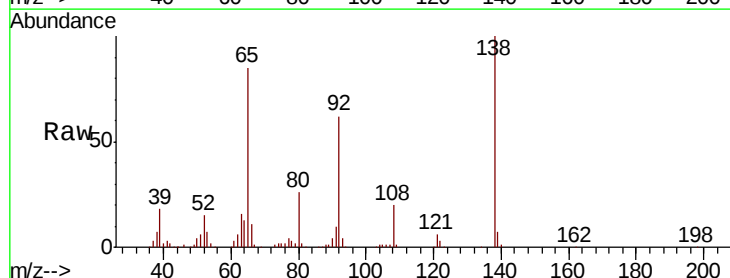
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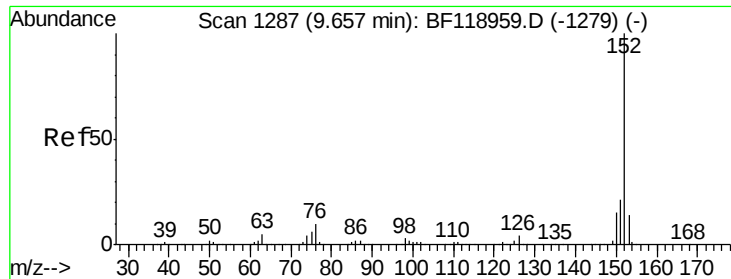
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#48
 2-Nitroaniline
 Concen: 40.001 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.6	58.6	87.8
138	117.1	97.5	146.3





#49

Acenaphthylene

Concen: 43.054 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

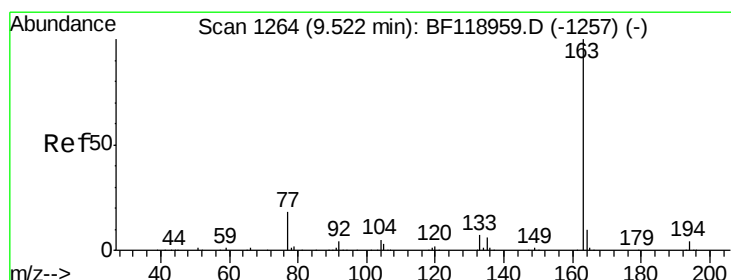
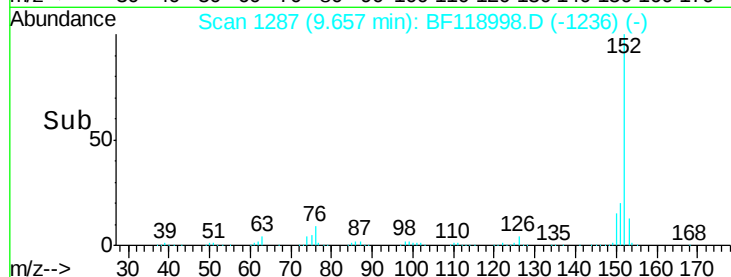
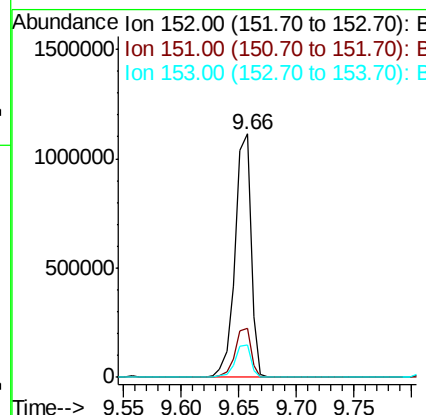
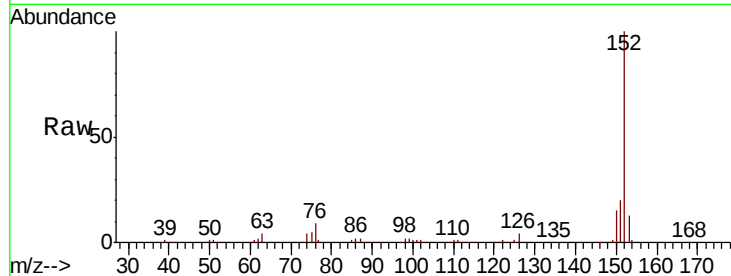
ClientSampleId :

TP-14-EP2-3MS

Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.4	16.7	25.1	
153	13.1	10.9	16.3	

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#50

Dimethylphthalate

Concen: 51.532 ng

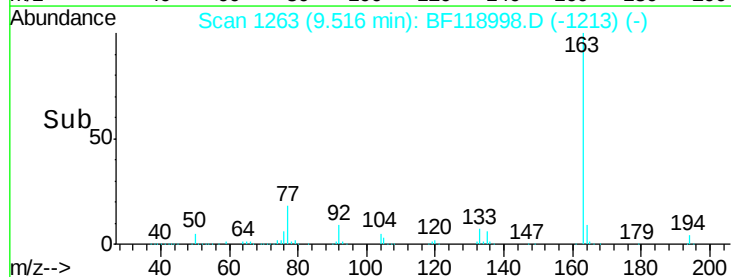
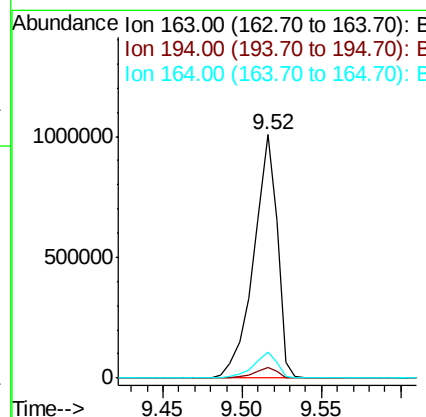
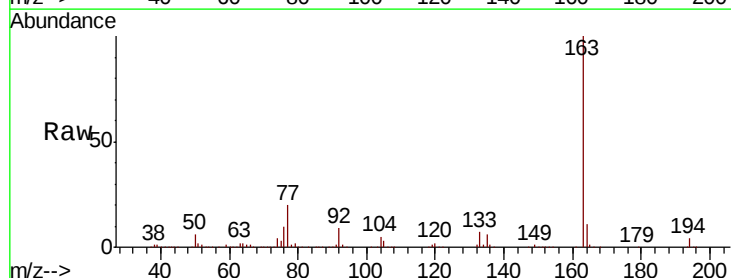
RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	4.3	3.4	5.2	
164	10.6	8.2	12.2	





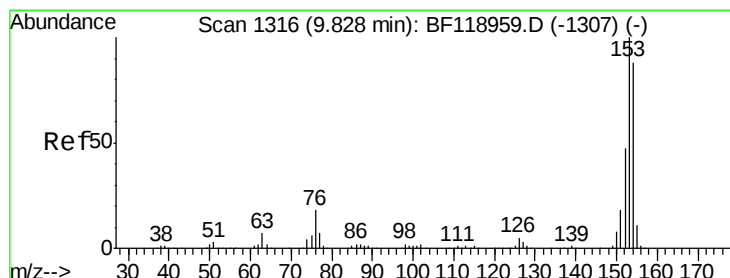
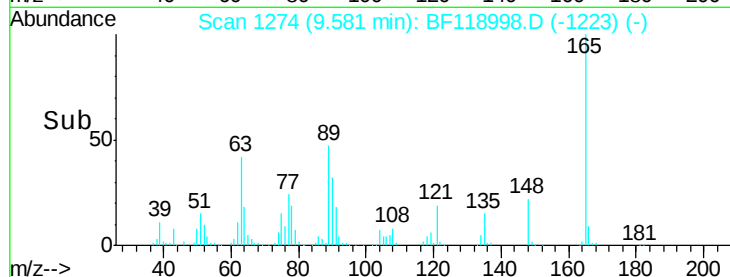
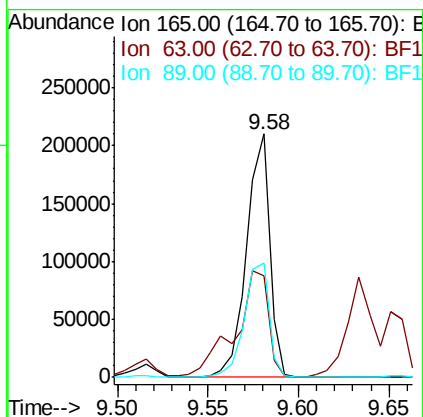
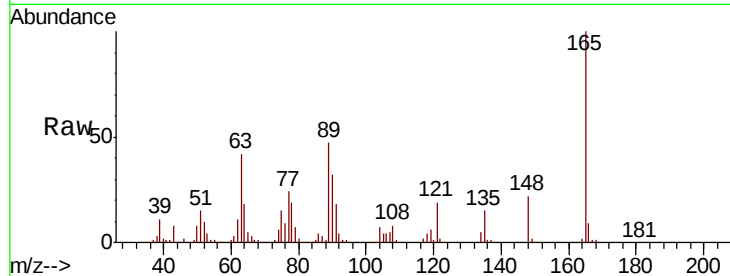
#51
 2,6-Dinitrotoluene
 Concen: 41.908 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion:	165	Resp:	187733
Ion Ratio	Lower	Upper	
165	100		
63	41.8	37.9	56.9
89	46.8	41.4	62.0

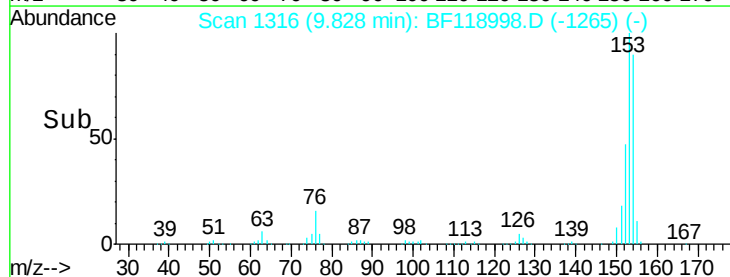
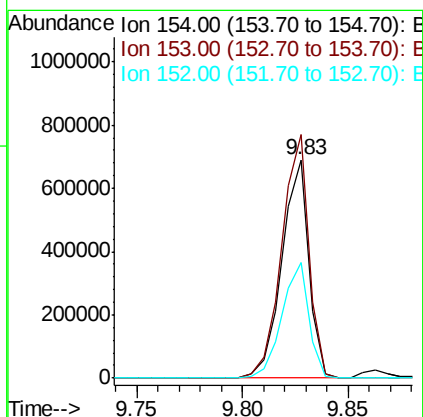
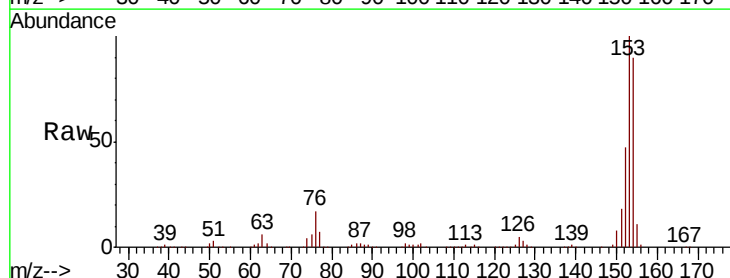
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#52
 Acenaphthene
 Concen: 41.171 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion:	154	Resp:	615744
Ion Ratio	Lower	Upper	
154	100		
153	111.6	90.4	135.6
152	53.0	42.9	64.3





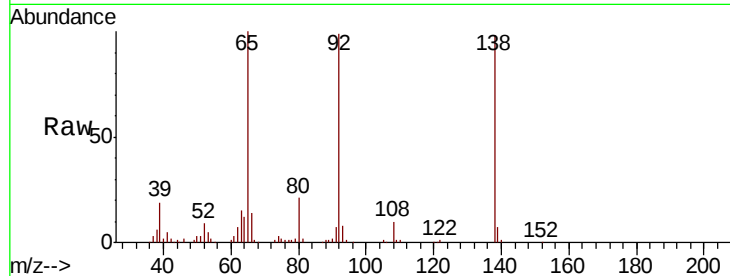
#53
3-Nitroaniline
Concen: 19.891 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

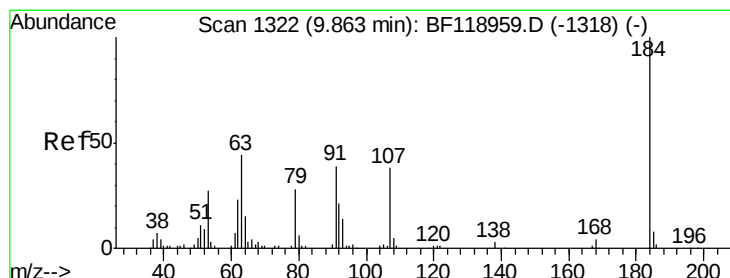
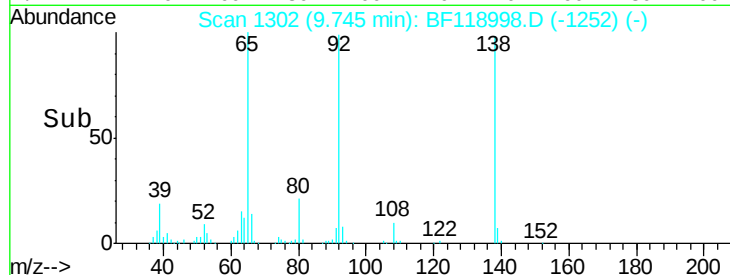
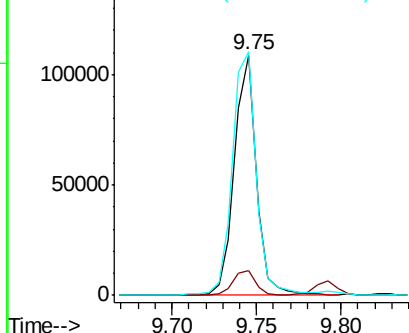
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.6	13.0
92	101.3	84.6	127.0

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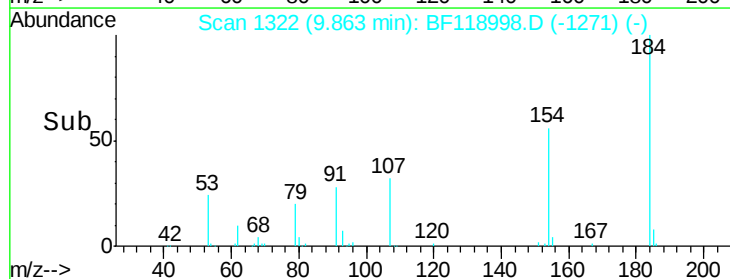
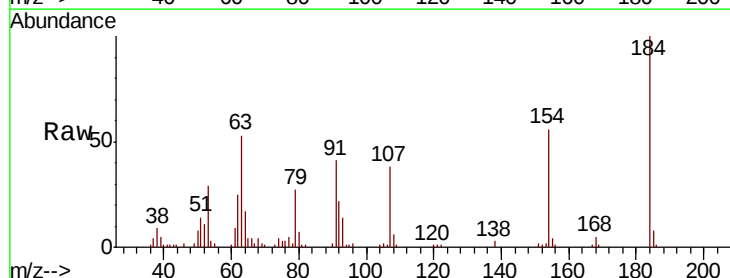
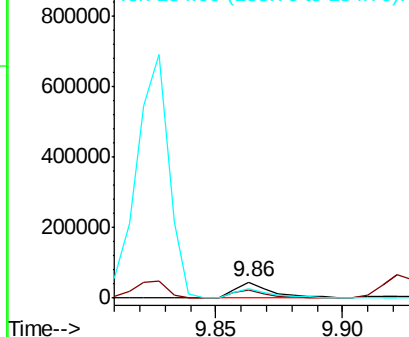
Abundance Ion 138.00 (137.70 to 138.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

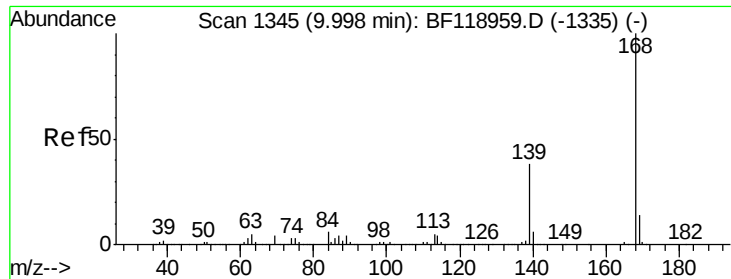


#54
2,4-Dinitrophenol
Concen: 26.087 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.9	37.8	56.6
154	55.9	47.6	71.4

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





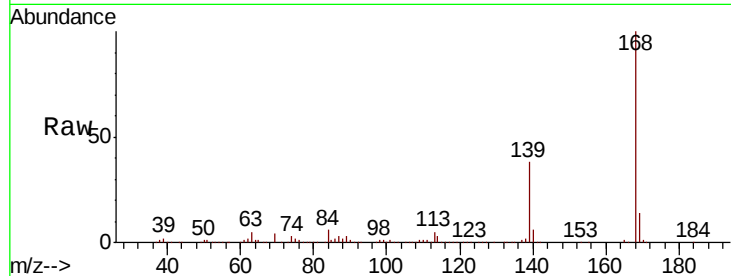
#55
Dibenzenofuran
Concen: 41.887 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.7	47.5
169	13.9	11.0	16.4

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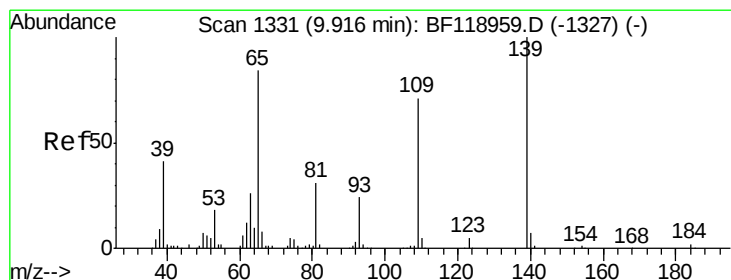
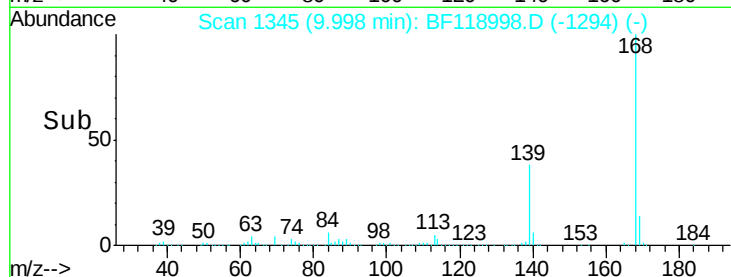
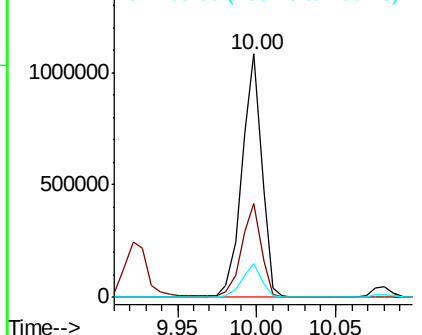


Abundance

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: 84.839 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

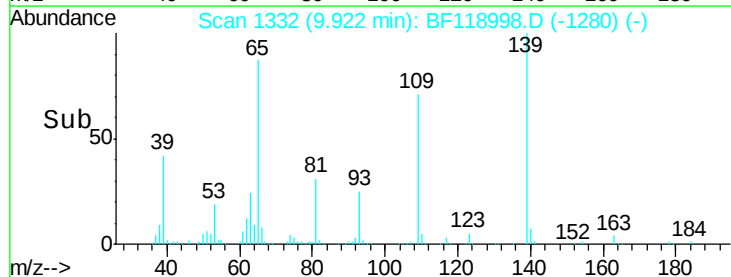
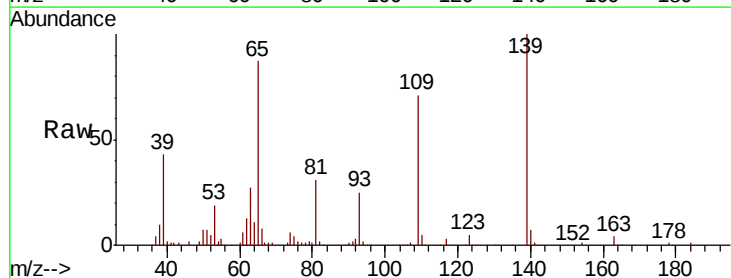
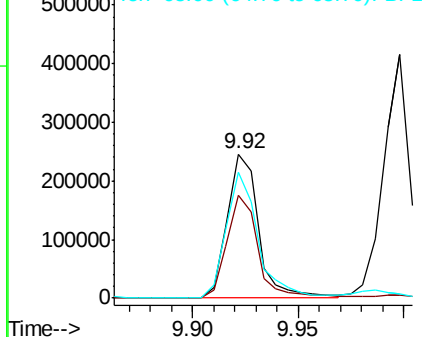
Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.3	51.1	91.1
65	87.2	64.7	104.7

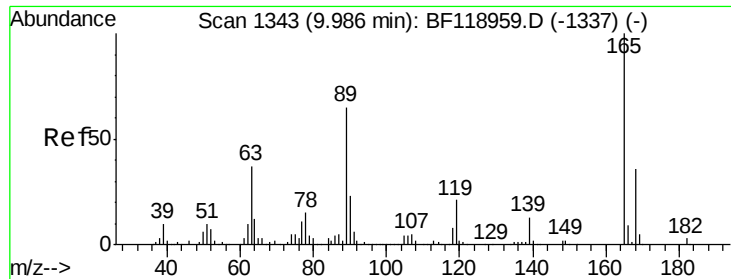
Abundance

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





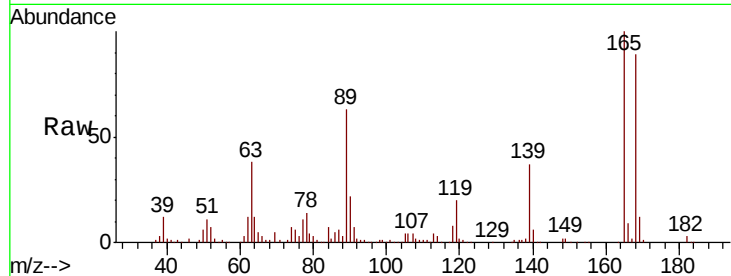
#57
2,4-Dinitrotoluene
Concen: 40.048 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

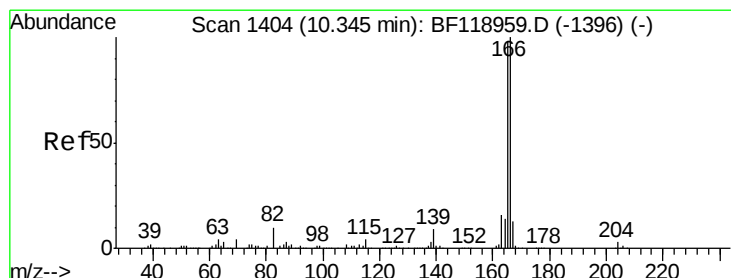
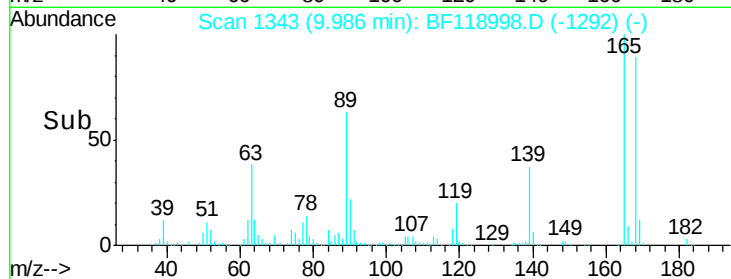
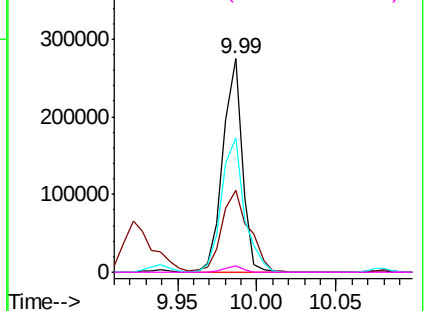
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.2	29.8	44.8	
89	62.9	51.9	77.9	
182	3.0	2.3	3.5	

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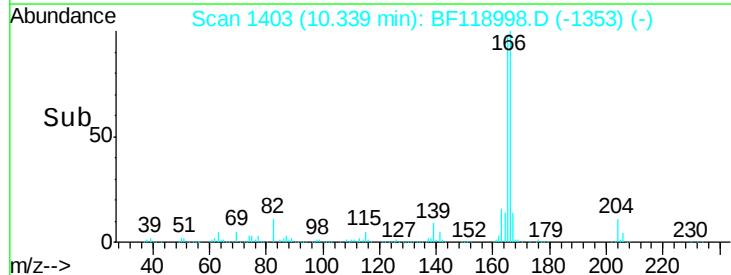
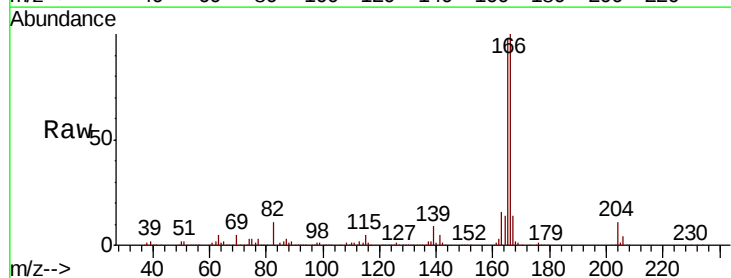
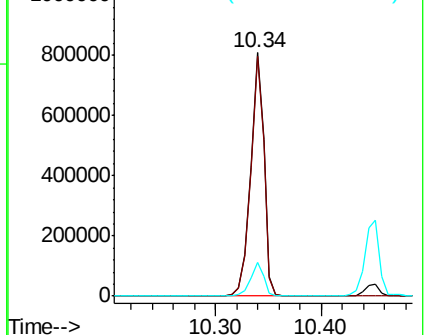
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.010 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.4	78.2	117.4	
167	13.7	10.6	16.0	

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.240 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

TP-14-EP2-3MS

Tot Ion:232 Resp: 195057
Ion Ratio Lower Upper

232 100

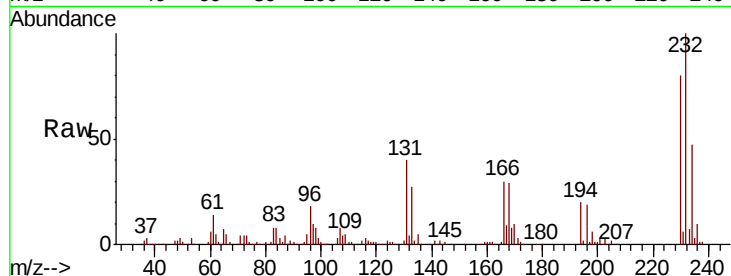
131 42.1 34.0 51.0

130 2.1 1.6 2.4

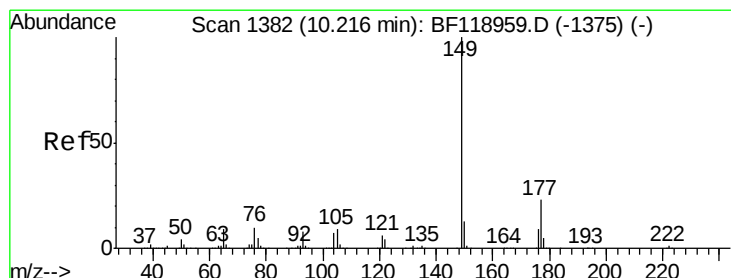
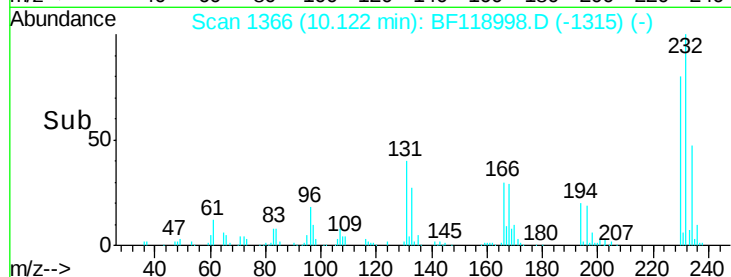
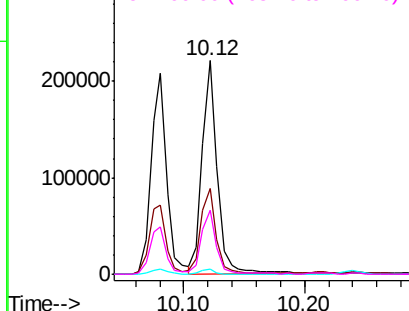
166 29.4 23.6 35.4

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Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.343 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BF118998.D

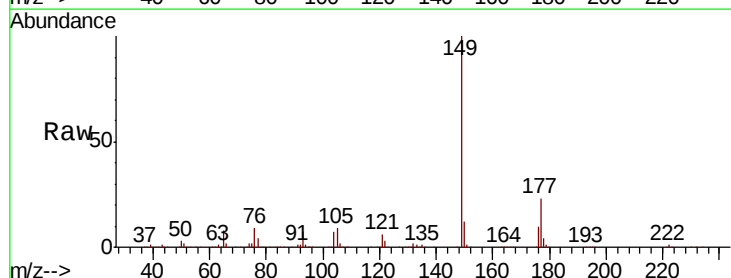
Acq: 21 Feb 2020 17:52

Tgt Ion:149 Resp: 804569
Ion Ratio Lower Upper

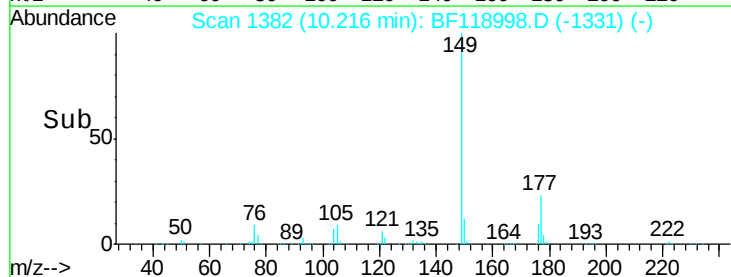
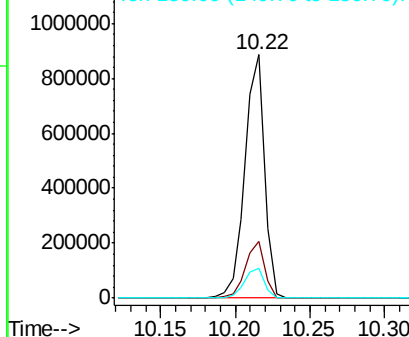
149 100

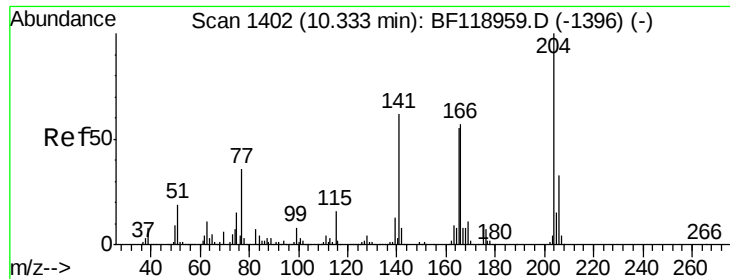
177 23.2 18.1 27.1

150 12.2 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





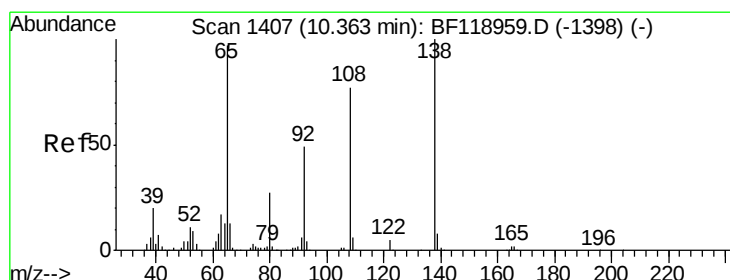
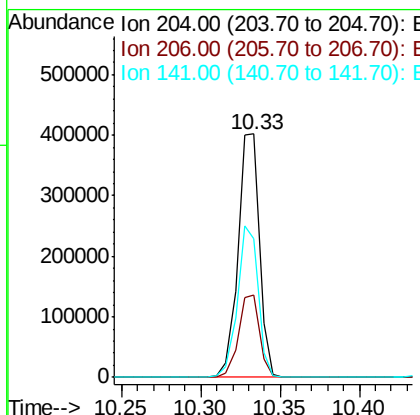
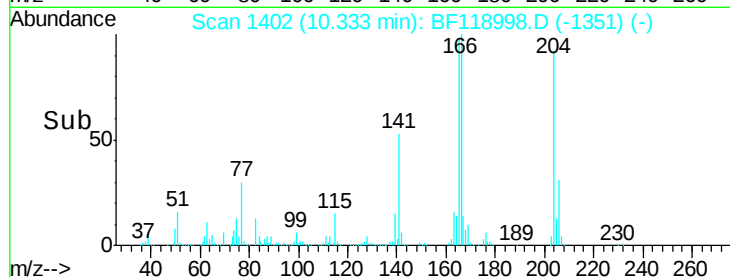
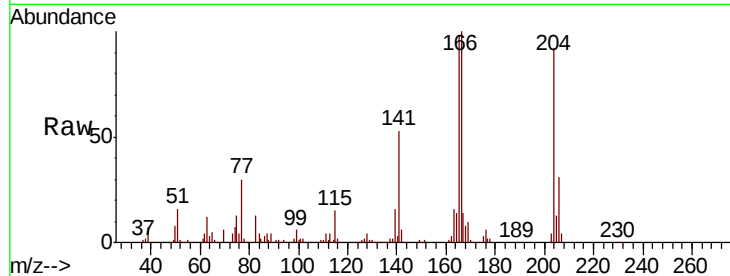
#61
4-Chlorophenyl-phenylether
Concen: 41.215 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.5	39.7
141	57.0	49.5	74.3

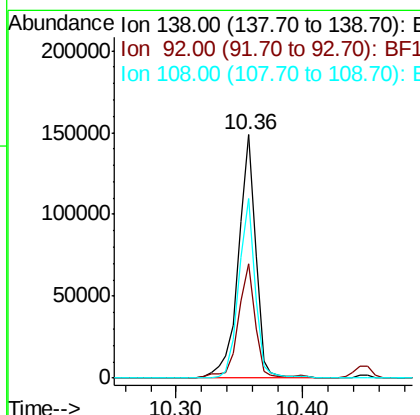
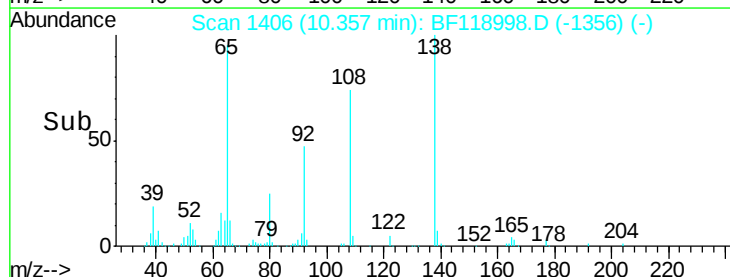
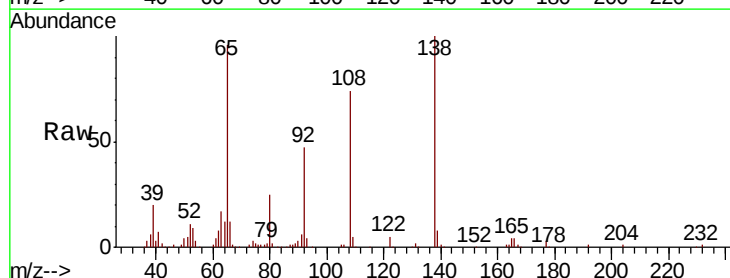
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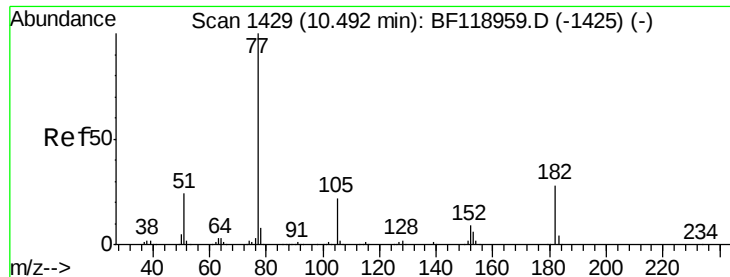
mohammad
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#62
4-Nitroaniline
Concen: 27.701 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.9	28.7	68.7
108	73.8	56.8	96.8





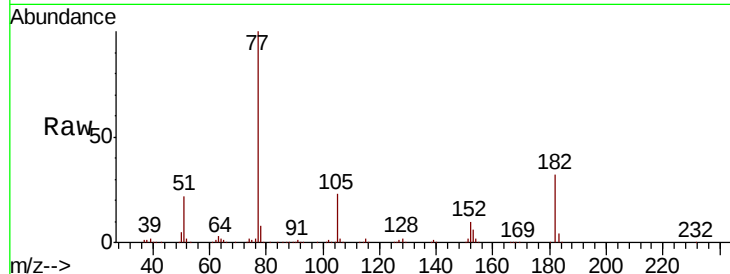
#63
Azobenzene
Concen: 40.258 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

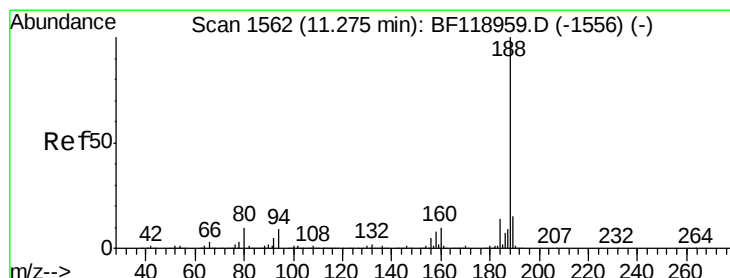
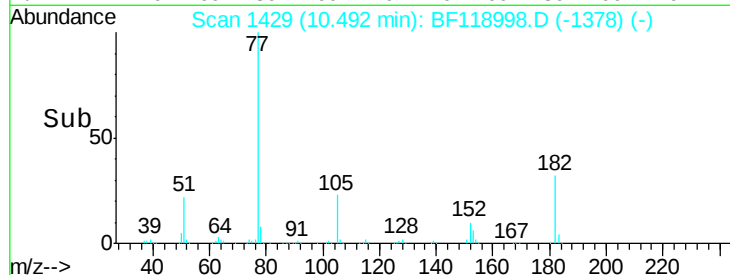
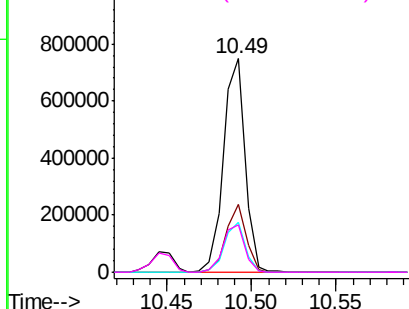
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.0	8.2	48.2	
105	23.3	2.3	42.3	
51	22.1	3.6	43.6	

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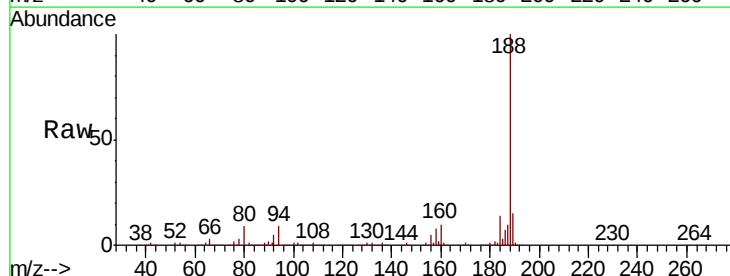


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

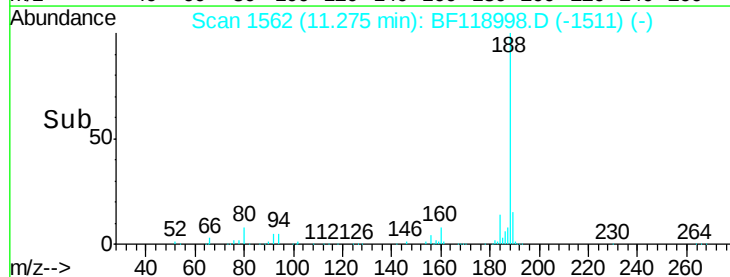
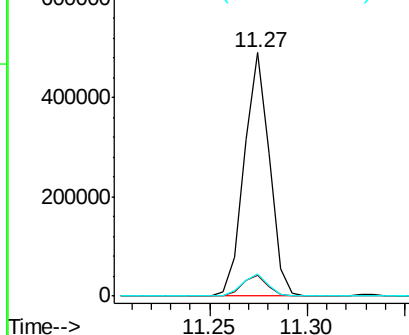


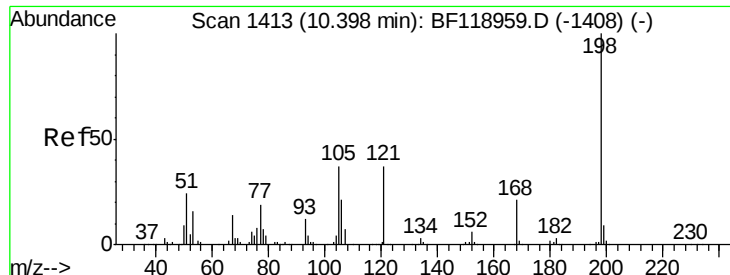
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.7	7.0	10.6	
80	9.2	7.9	11.9	



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





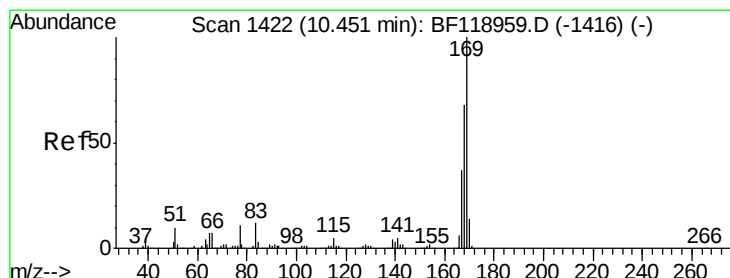
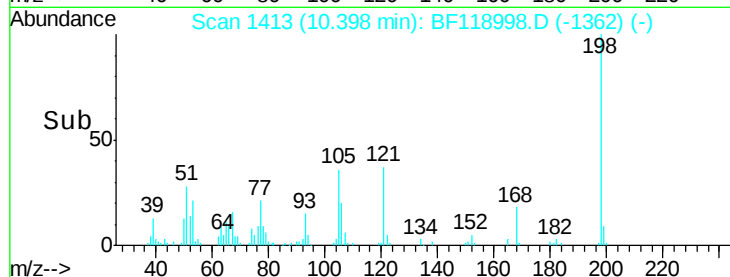
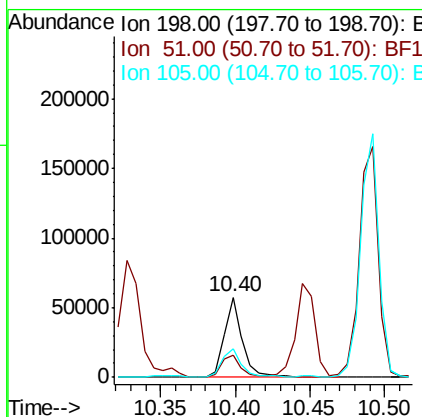
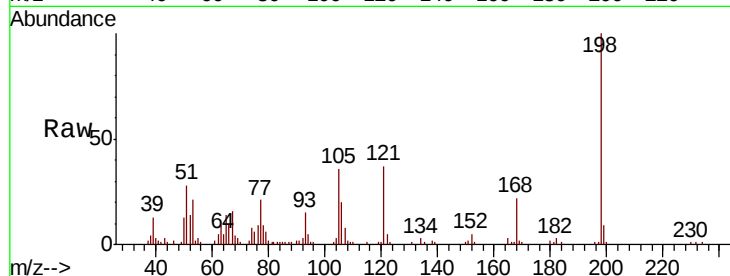
#65
4,6-Dinitro-2-methylphenol
Concen: 18.645 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	27.7	7.1	47.1
105	36.3	18.3	58.3

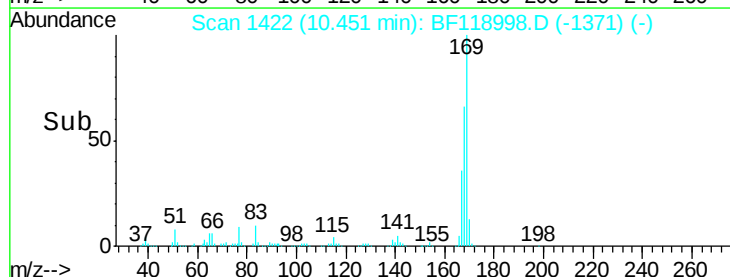
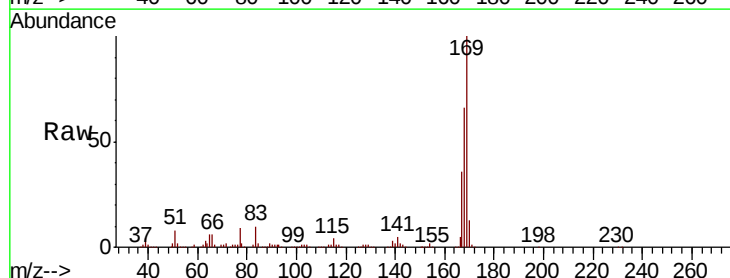
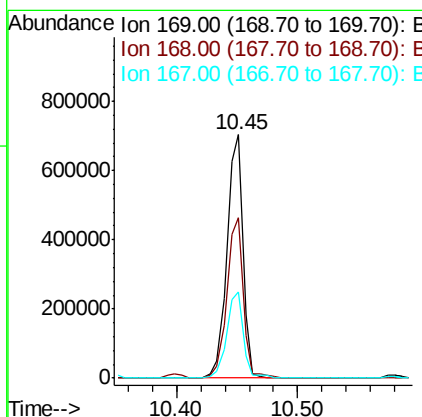
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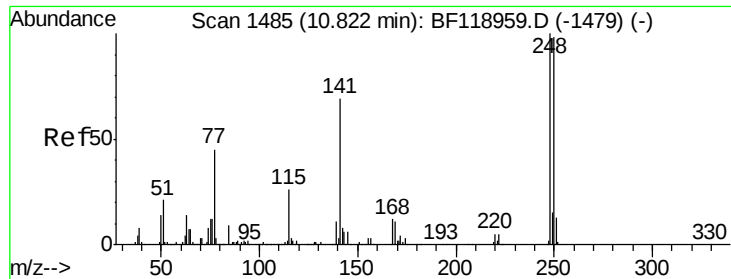
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.989 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	54.2	81.2
167	35.6	29.4	44.2





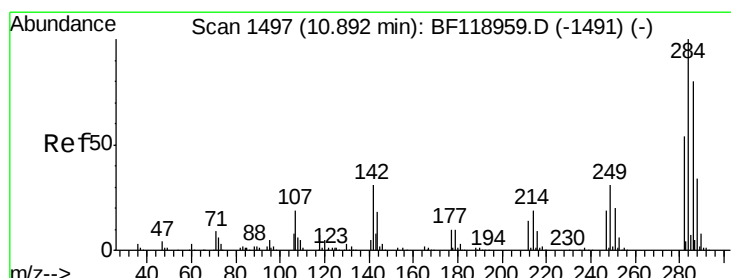
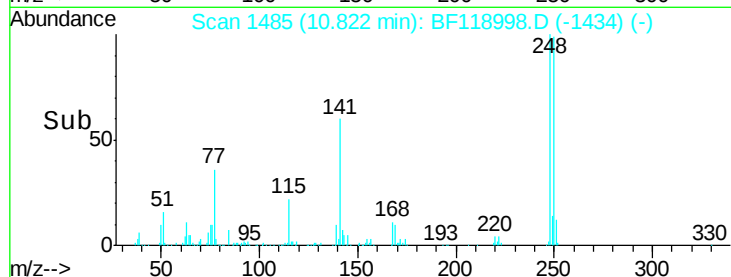
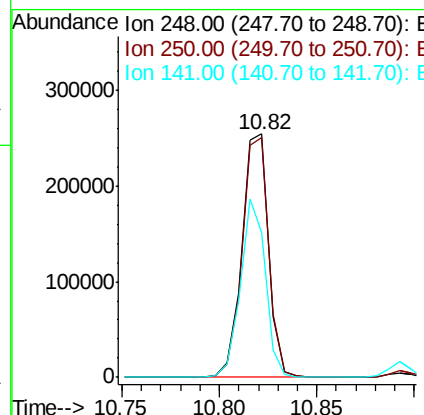
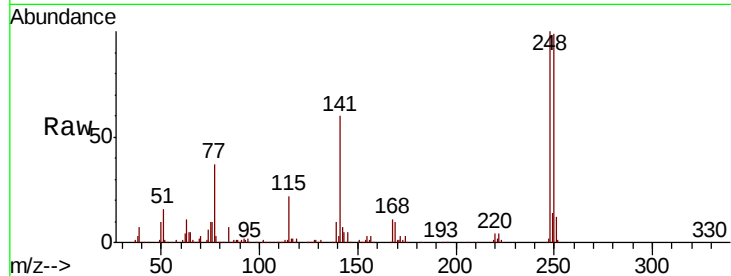
#67
4-Bromophenyl-phenylether
Concen: 41.746 ng
RT: 10.82 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.8	118.2
141	59.6	55.3	82.9

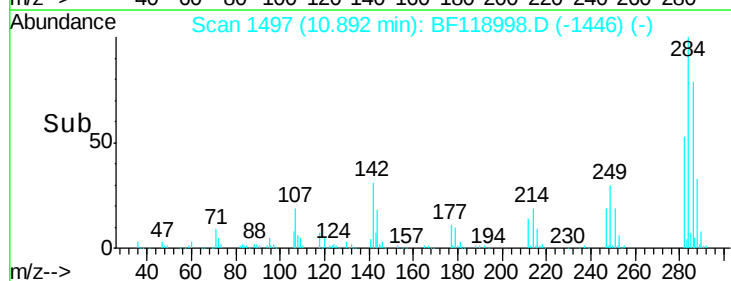
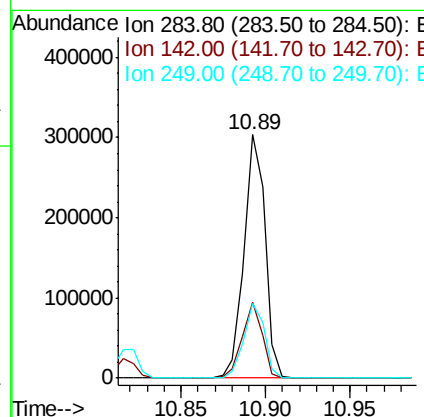
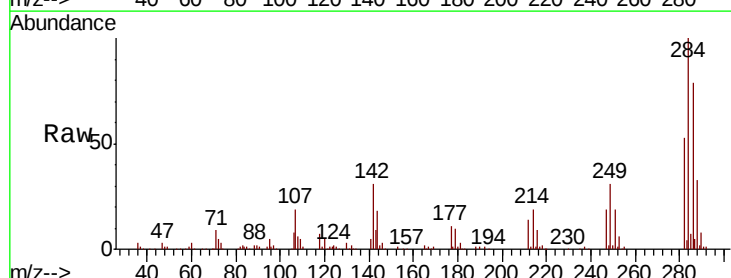
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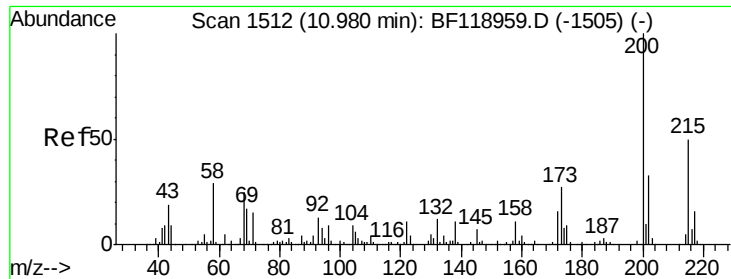
mohammad
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#68
Hexachlorobenzene
Concen: 39.690 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	25.0	37.6
249	30.8	25.0	37.4





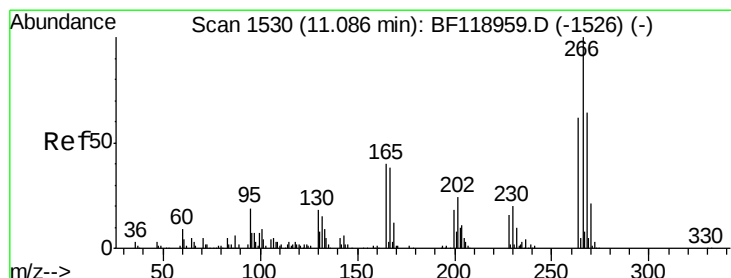
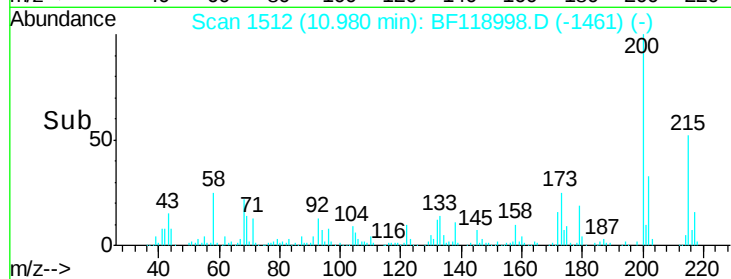
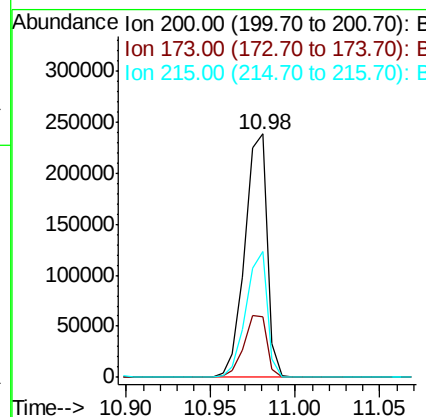
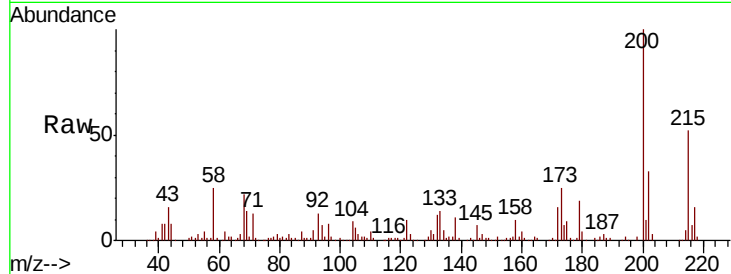
#69
Atrazine
Concen: 43.854 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.9	6.9	46.9
215	51.5	29.7	69.7

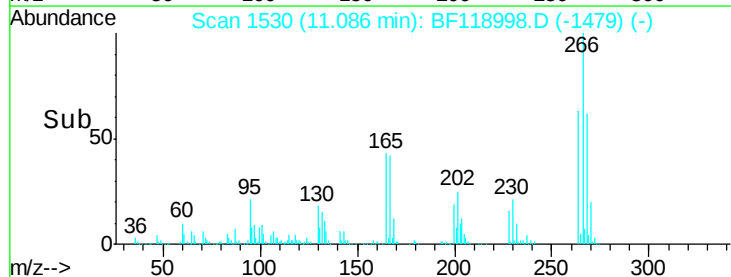
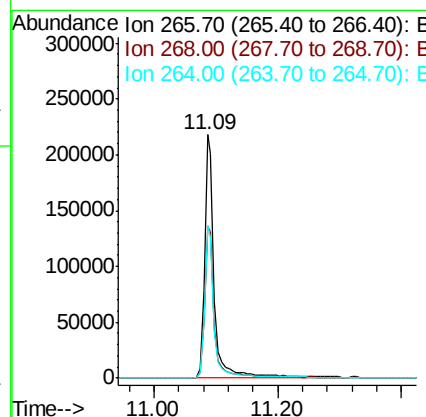
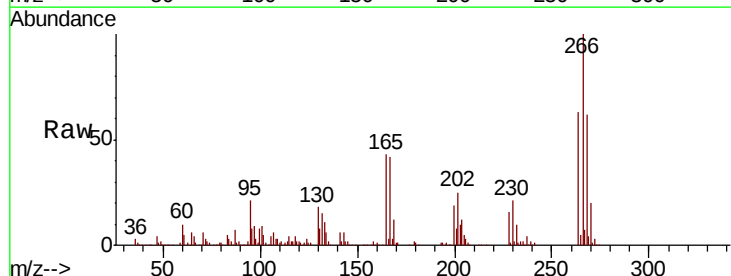
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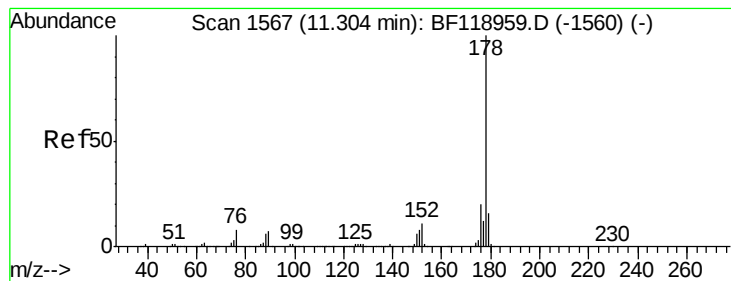
mohammad
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#70
Pentachlorophenol
Concen: 93.127 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	51.4	77.0
264	62.9	49.5	74.3





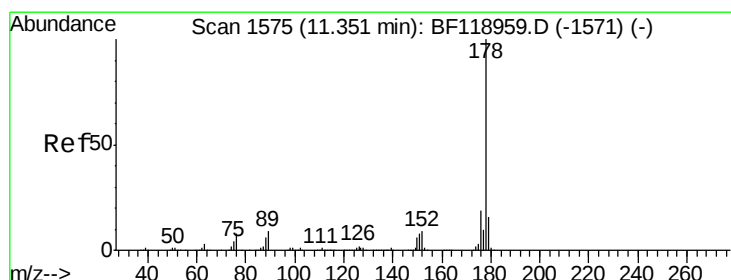
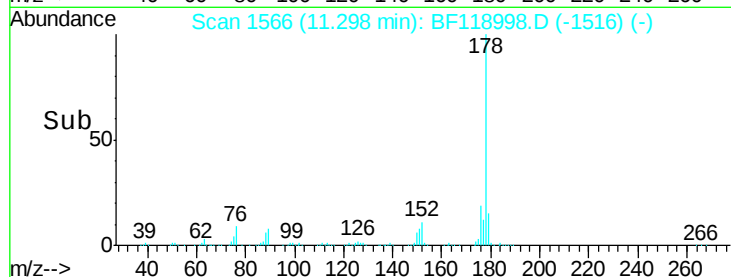
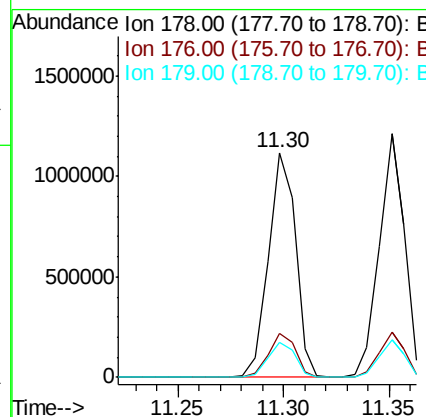
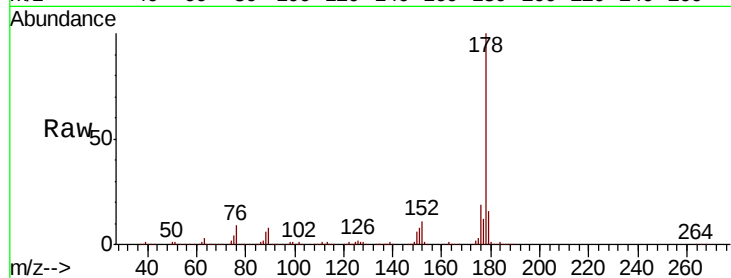
#71
Phenanthrene
Concen: 42.071 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.8	12.6	18.8

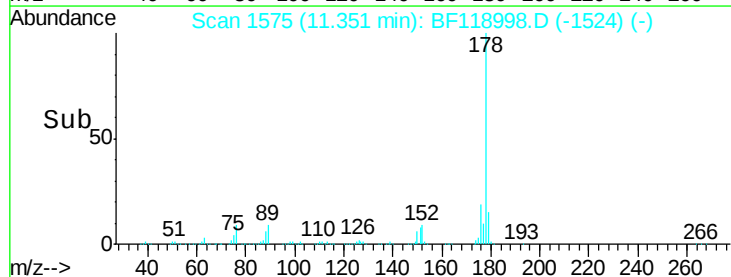
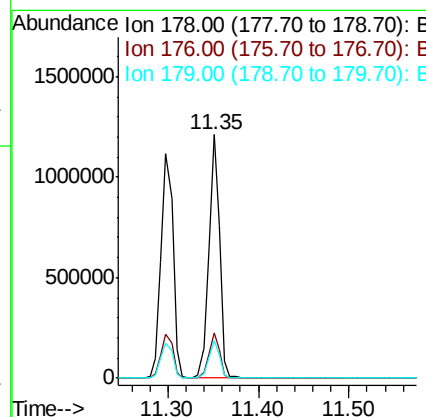
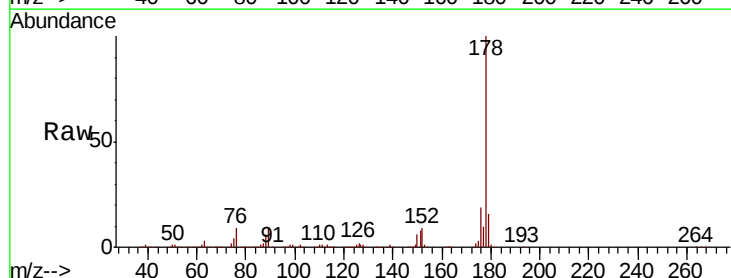
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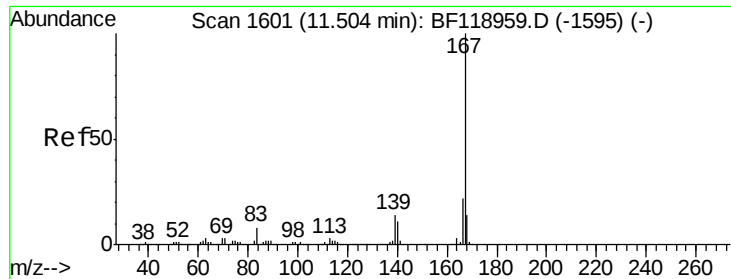
mohammad
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#72
Anthracene
Concen: 42.856 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.8	19.2





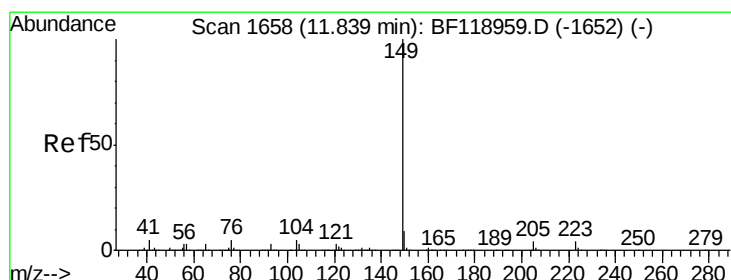
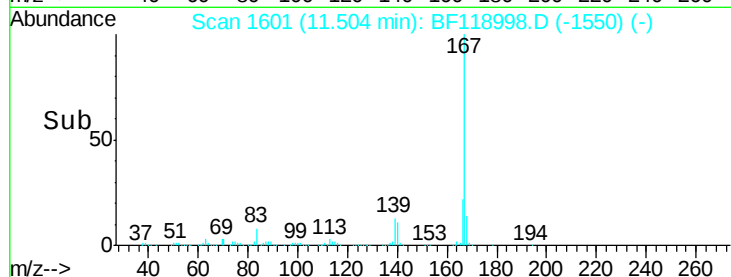
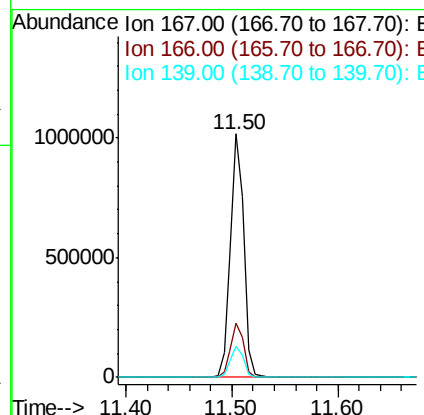
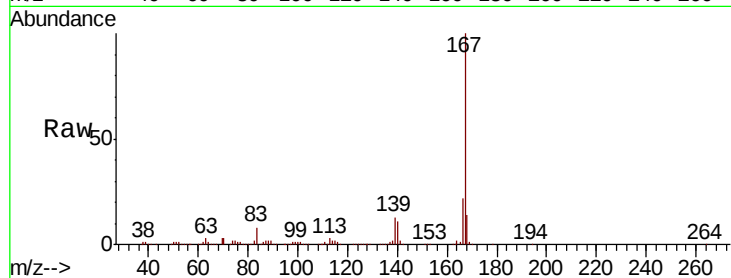
#73
 Carbazole
 Concen: 41.965 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.00 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.0	11.2	16.8

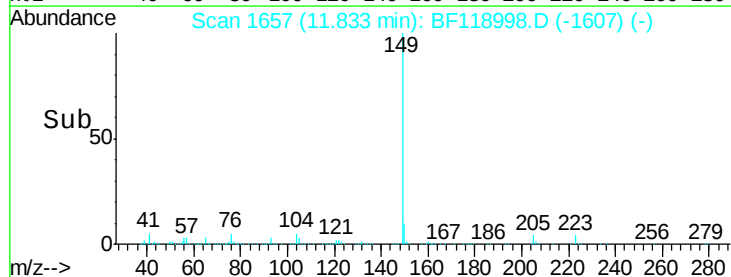
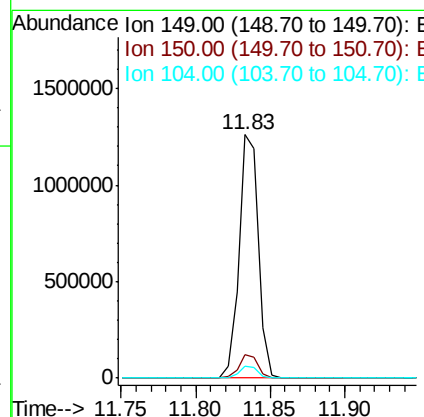
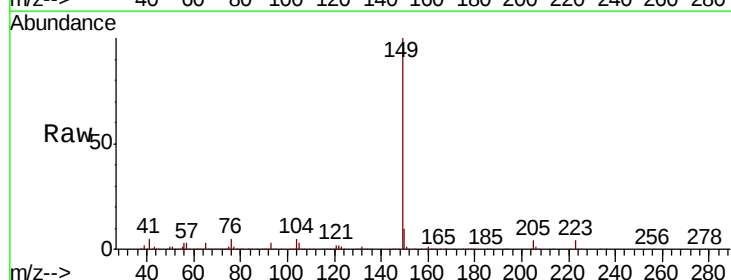
Manual Integrations
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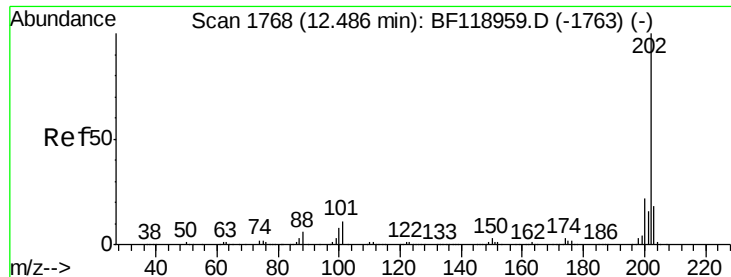
mohammad
 2/24/2020 2:11:32 PM



#74
 Di-n-butylphthalate
 Concen: 44.235 ng
 RT: 11.83 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF118998.D
 Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 42.413 ng

RT: 12.49 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

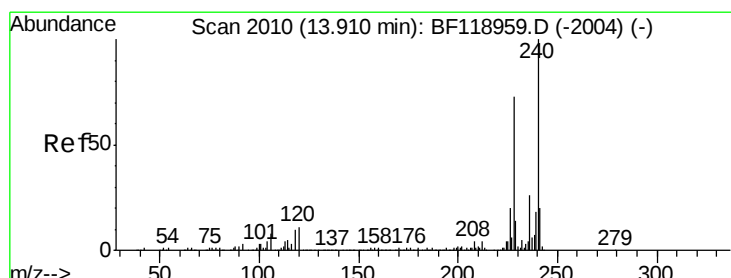
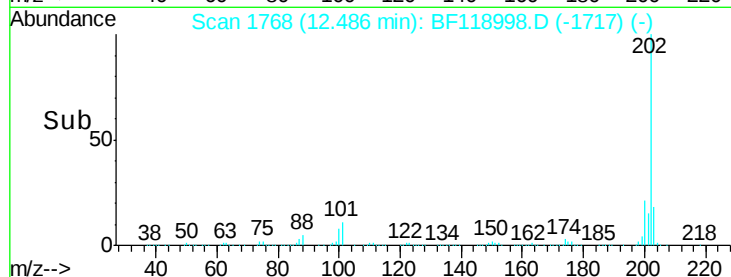
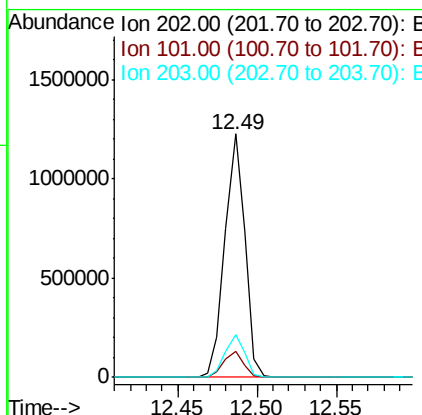
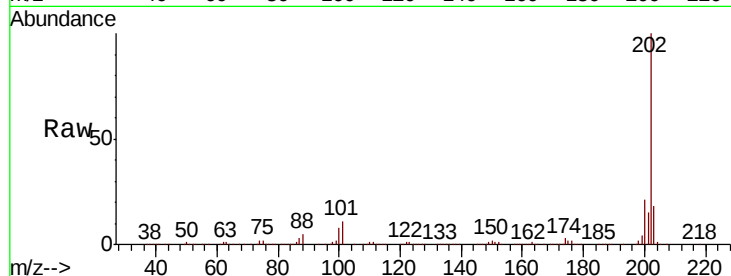
ClientSampleId :

TP-14-EP2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.9	0.0	31.1		
203	17.8	0.0	38.1		

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#76

Chrysene-d12

Concen: 20.000 ng

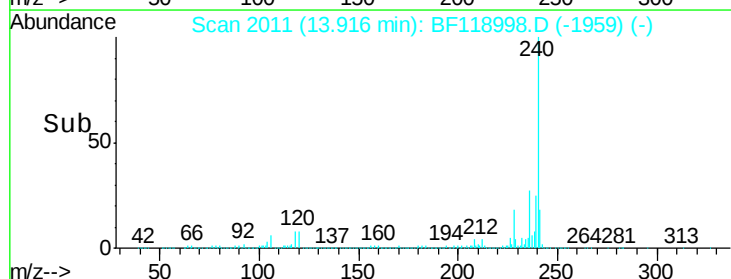
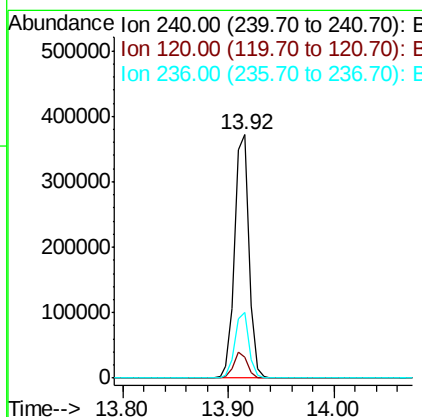
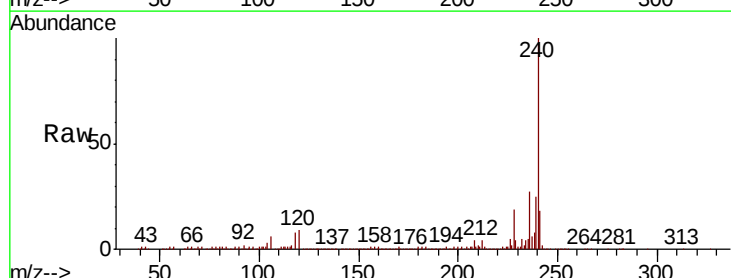
RT: 13.92 min Scan# 2011

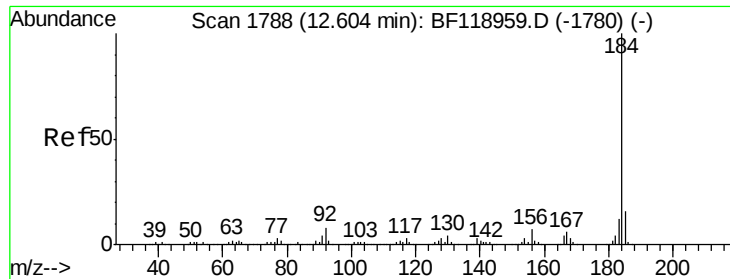
Delta R.T. 0.01 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	8.5	8.9	13.3#		
236	26.8	20.6	30.8		





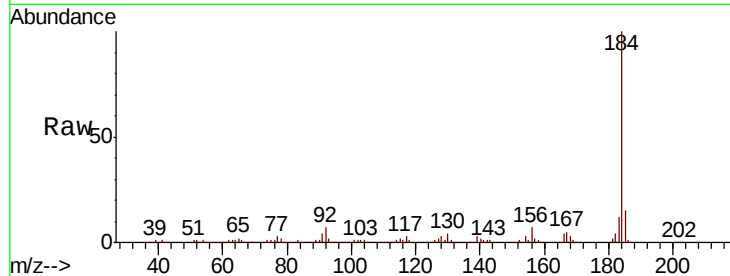
#77
Benzidine
Concen: 52.750 ng
RT: 12.61 min Scan# 1789
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

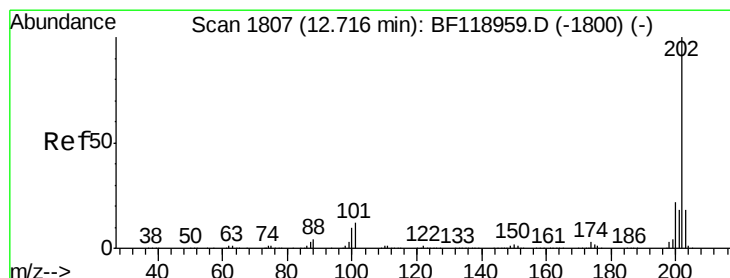
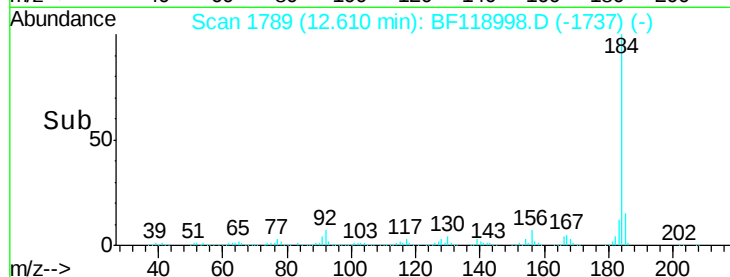
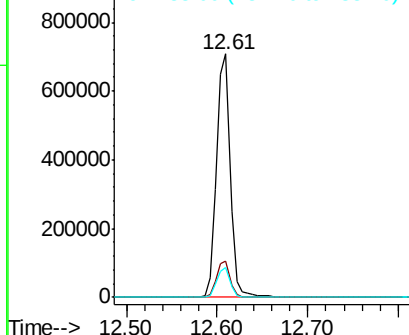
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.6	19.0
183	12.2	9.9	14.9

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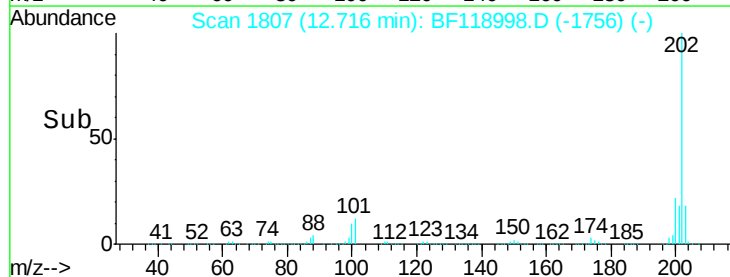
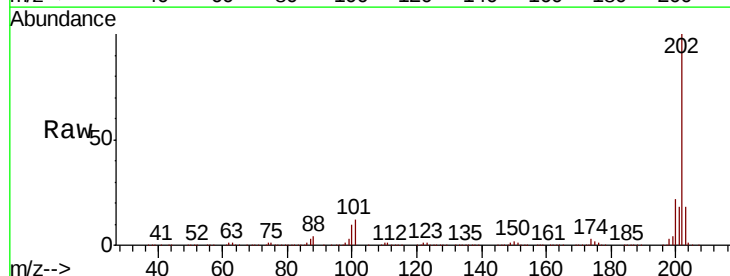
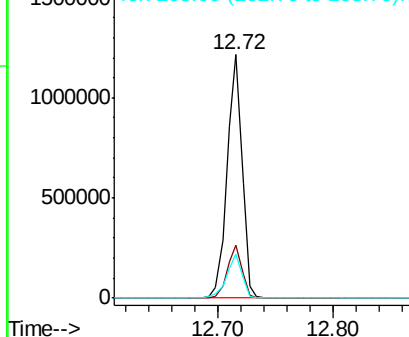
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

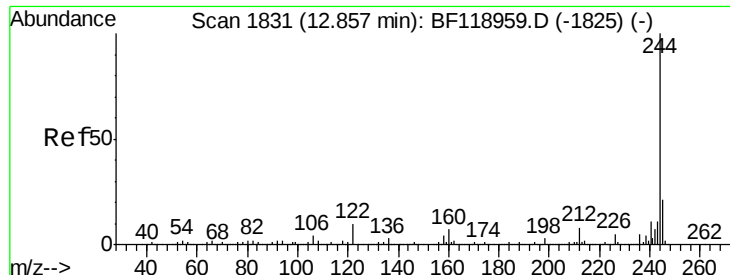


#78
Pyrene
Concen: 38.978 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.0
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: 65.509 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

ClientSampleId :

TP-14-EP2-3MS

Tot Ion:244 Resp: 1316299

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

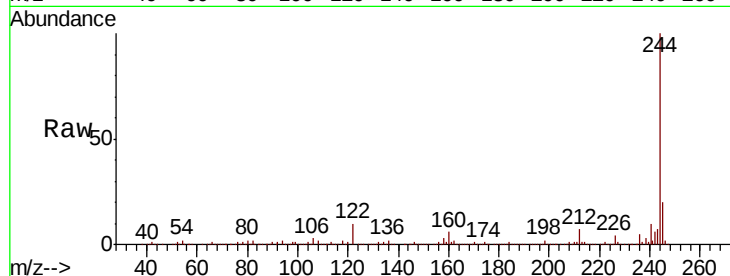
122 9.5 8.4 12.6

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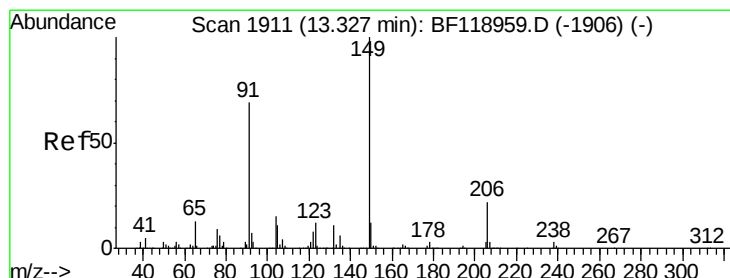
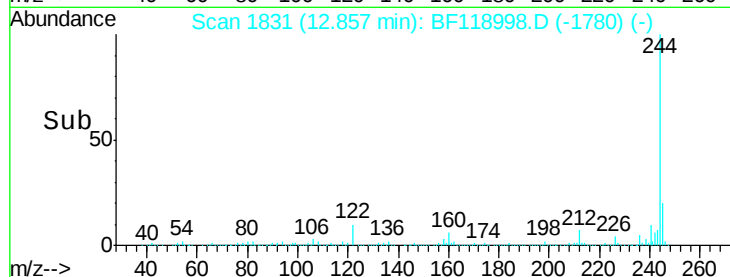
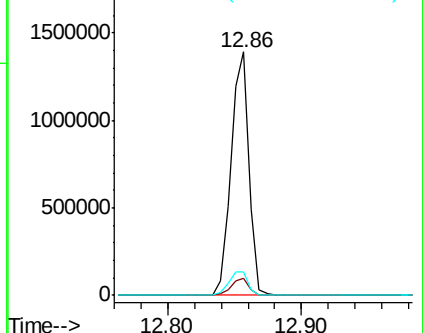
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.370 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

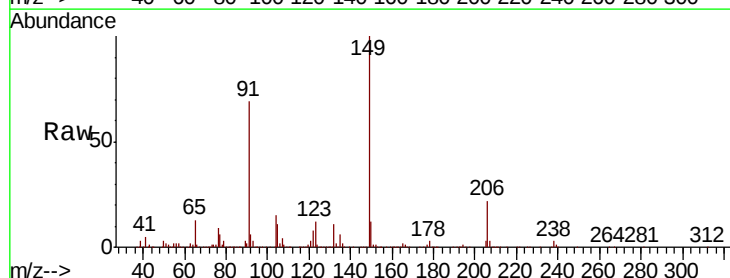
Tgt Ion:149 Resp: 460283

Ion Ratio Lower Upper

149 100

91 68.8 55.4 83.2

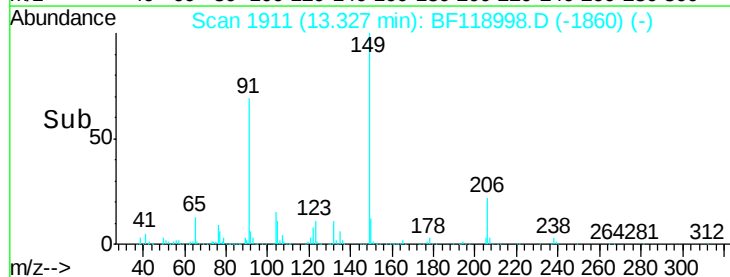
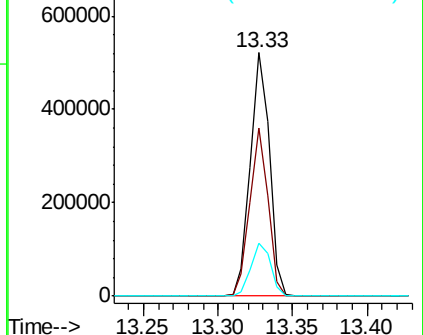
206 21.9 17.7 26.5

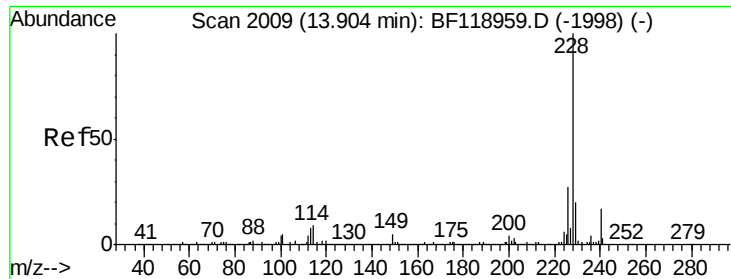


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.499 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Instrument :

BNA_F

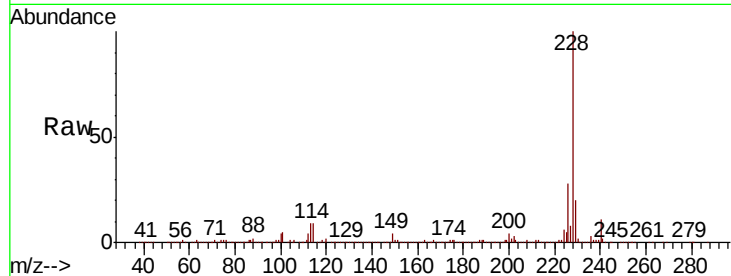
ClientSampleId :

TP-14-EP2-3MS

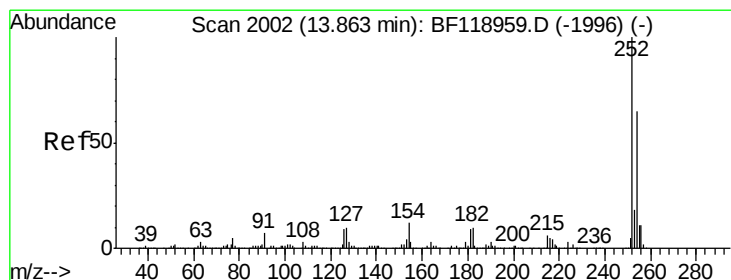
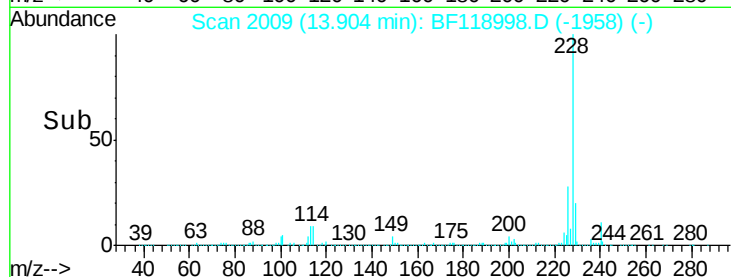
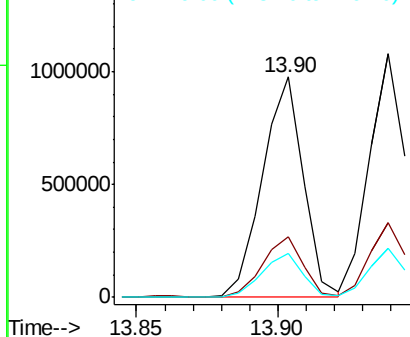
Tot Ion:	228	Resp:	978184
Ion Ratio	Lower	Upper	
228	100		
226	27.7	21.8	32.8
229	19.8	16.0	24.0

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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: 41.147 ng

RT: 13.86 min Scan# 2002

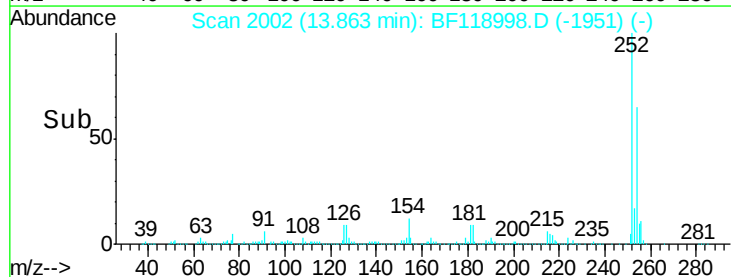
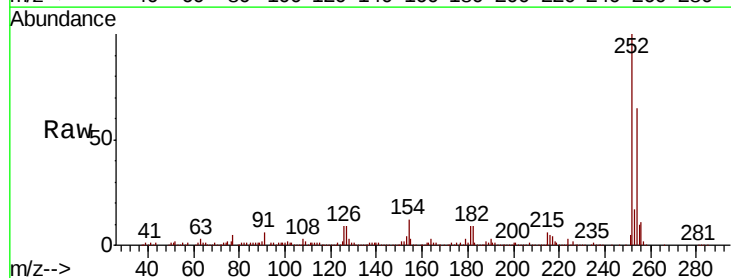
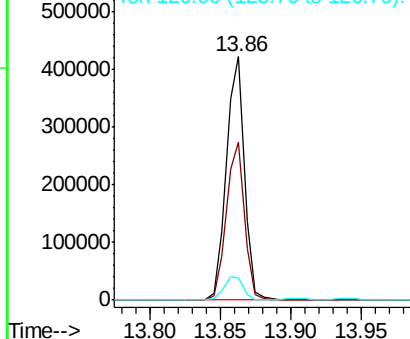
Delta R.T. 0.00 min

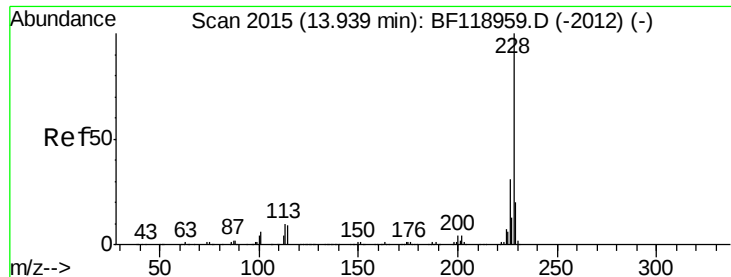
Lab File: BF118998.D

Acq: 21 Feb 2020 17:52

Tgt Ion:	252	Resp:	376613
Ion Ratio	Lower	Upper	
252	100		
254	64.7	52.1	78.1
126	9.2	7.3	10.9

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





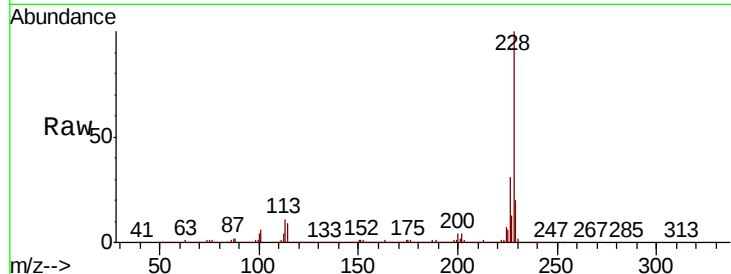
#83
Chrysene
Concen: 40.166 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

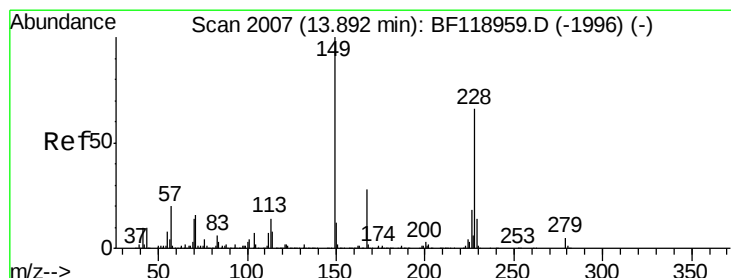
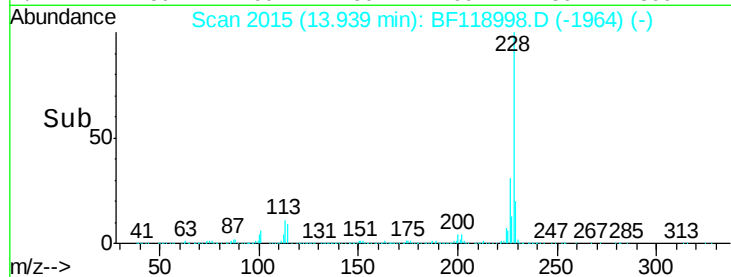
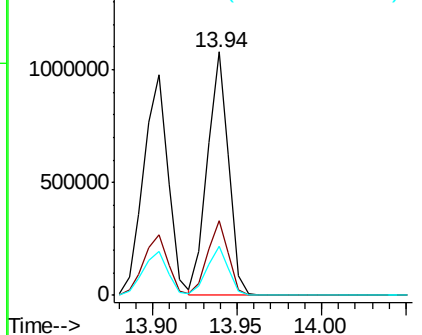
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.6	24.6	37.0		
229	20.4	16.2	24.2		

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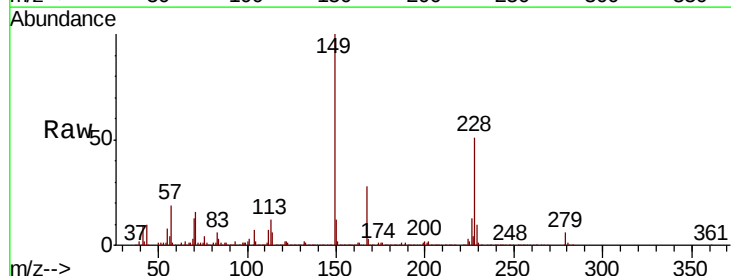


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

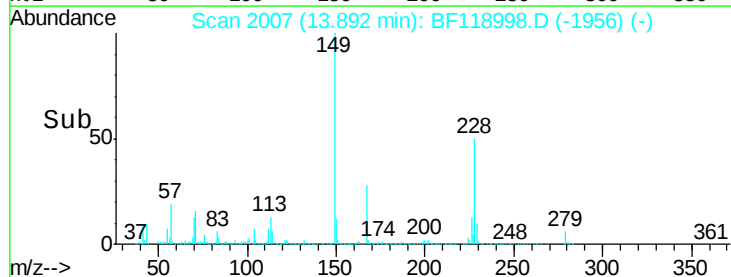
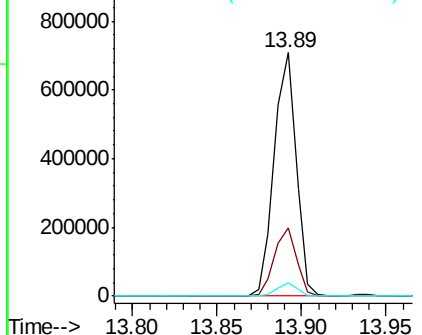


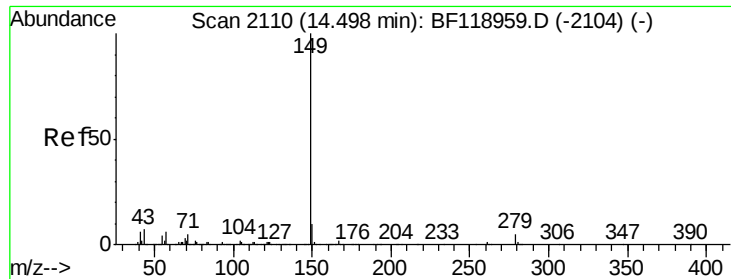
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.504 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
167	28.0	22.3	33.5		
279	5.5	4.2	6.4		



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





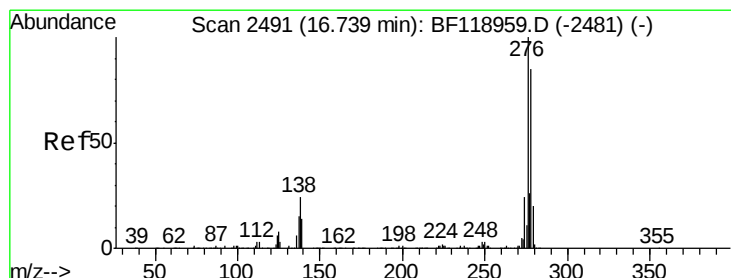
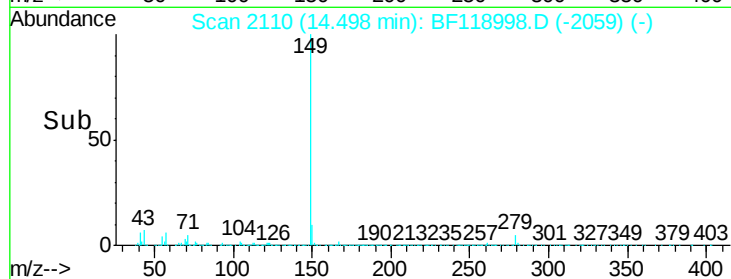
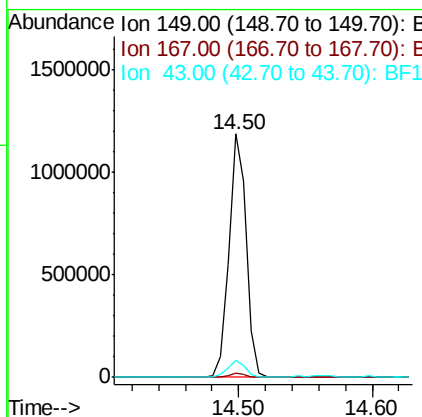
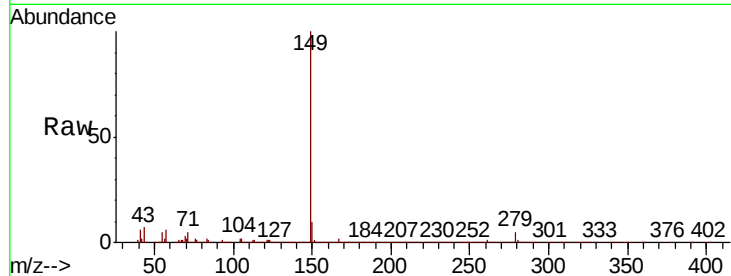
#85
Di-n-octyl phthalate
Concen: 45.702 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	5.2	7.8

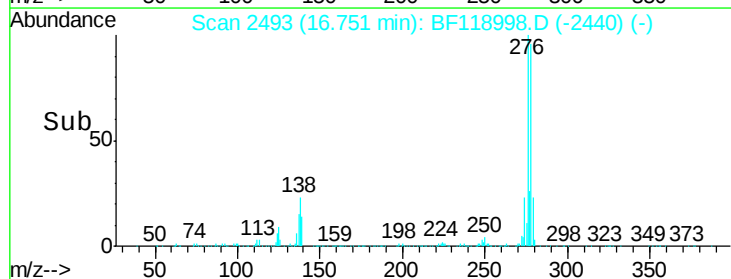
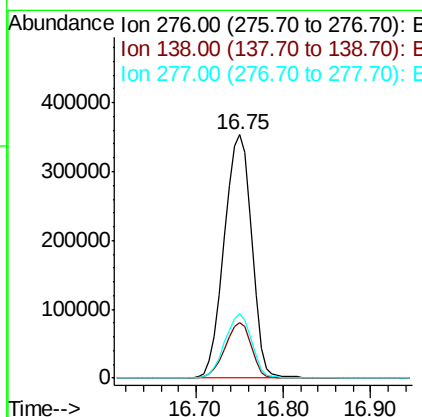
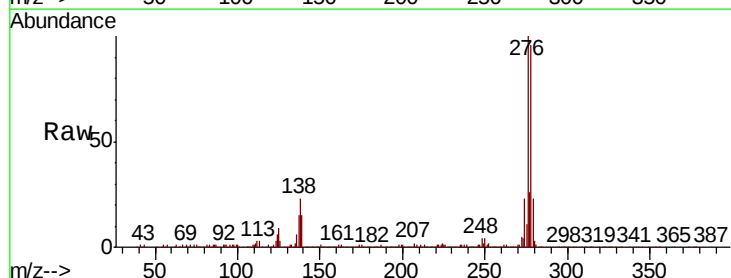
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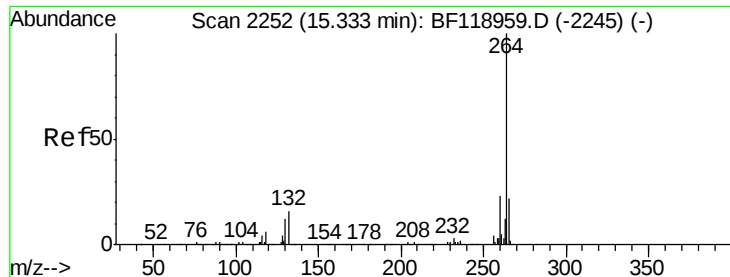
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#86
Indeno(1,2,3-cd)pyrene
Concen: 33.587 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.7	28.1
277	25.3	20.3	30.5





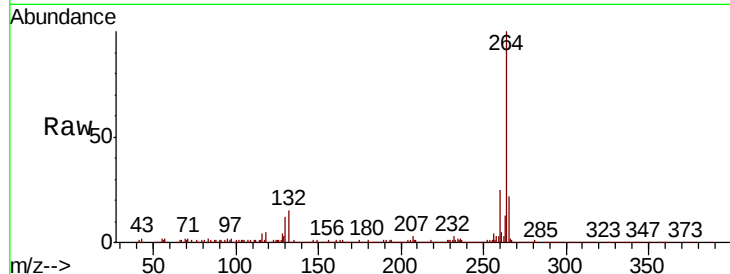
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	22.1	17.3	25.9

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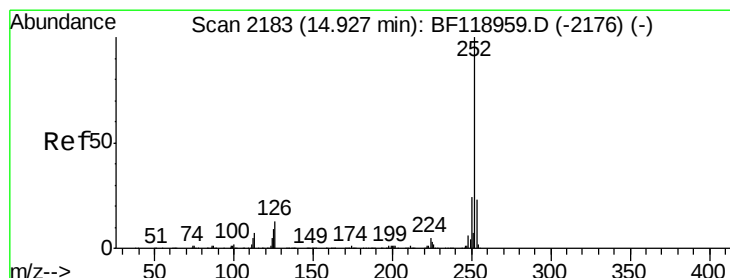
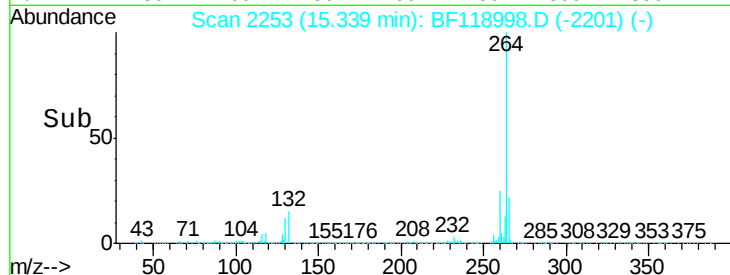
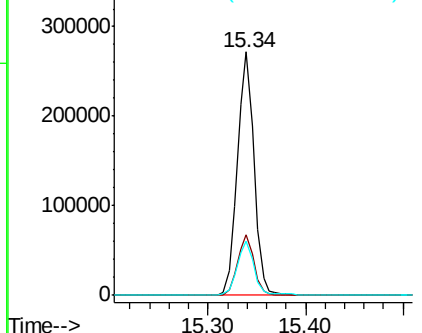


Abundance

Ion 264.00 (263.70 to 264.70): E

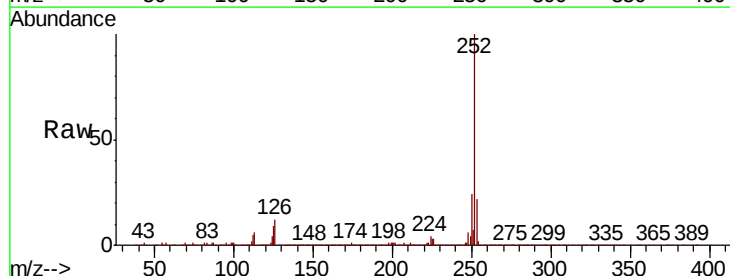
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 42.849 ng
RT: 14.93 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.1	7.4	11.0

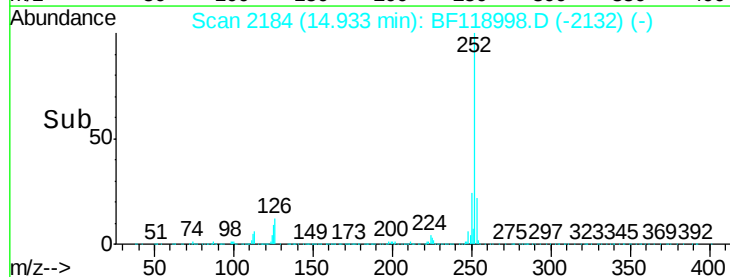
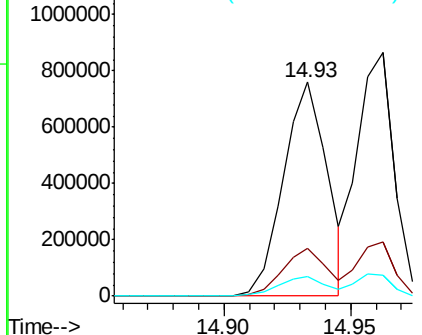


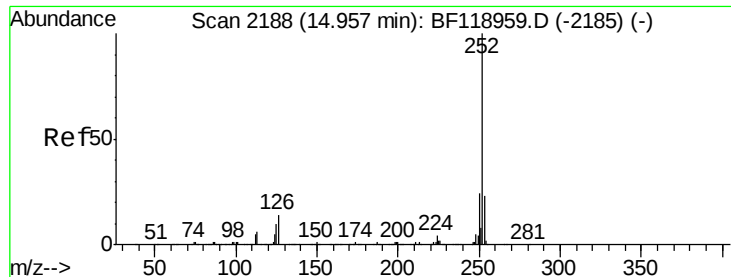
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





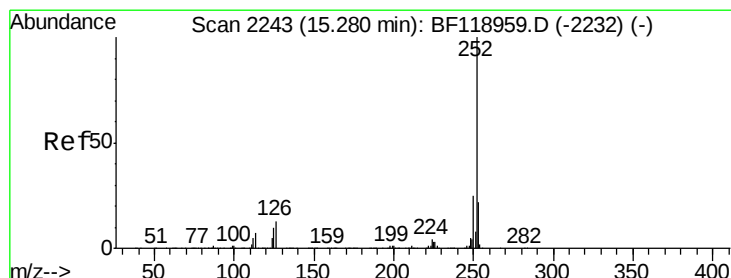
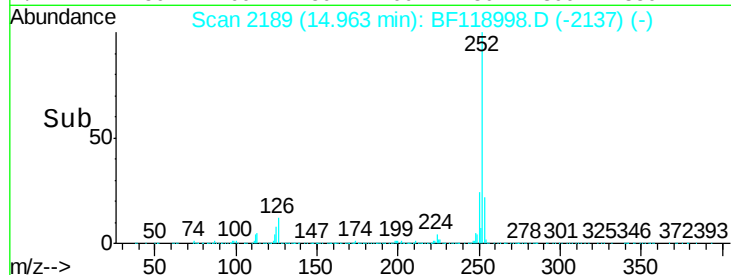
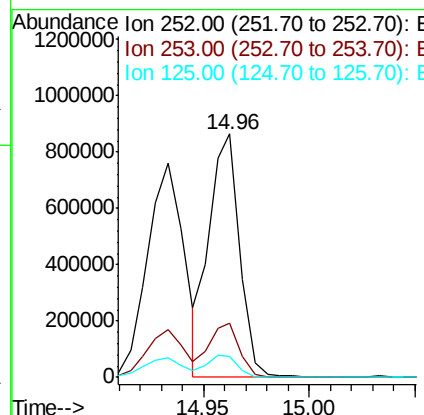
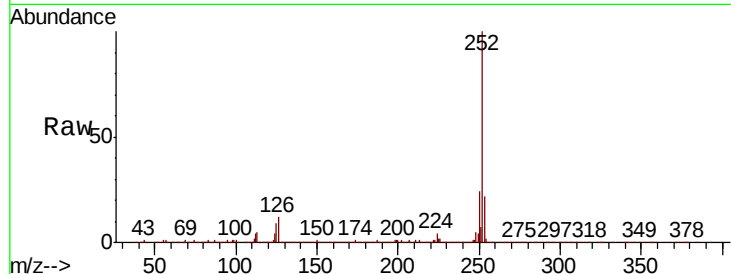
#89
Benzo(k)fluoranthene
Concen: 43.727 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	8.6	7.3	10.9

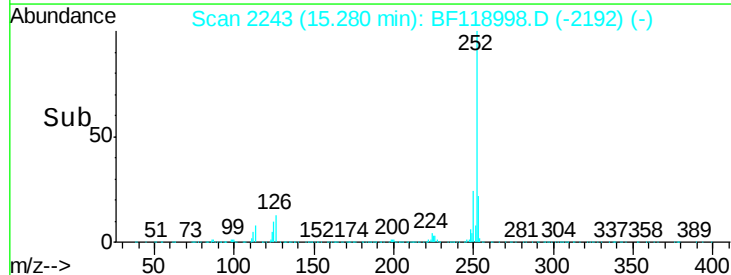
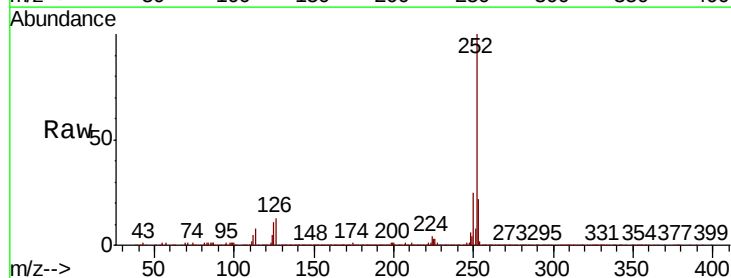
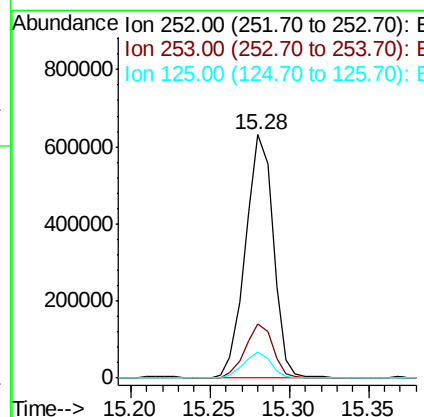
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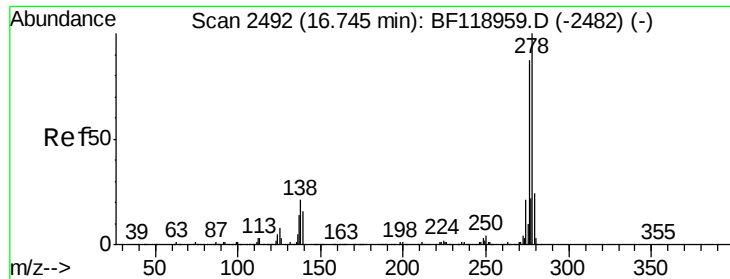
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#90
Benzo(a)pyrene
Concen: 40.007 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.00 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.7	7.8	11.6





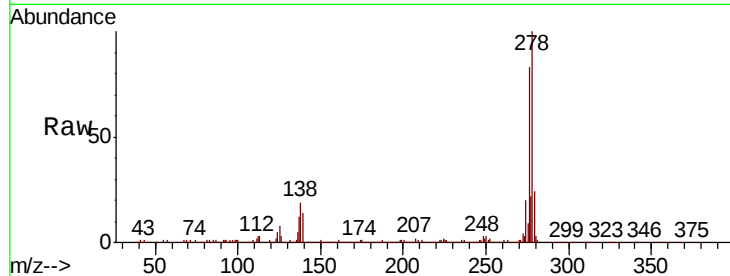
#91
Dibenzo(a,h)anthracene
Concen: 38.194 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Instrument :
BNA_F
ClientSampleId :
TP-14-EP2-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	12.6	18.8
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
2/24/2020 2:11:32 PM

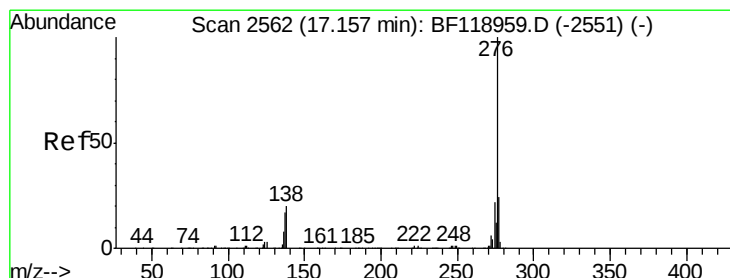
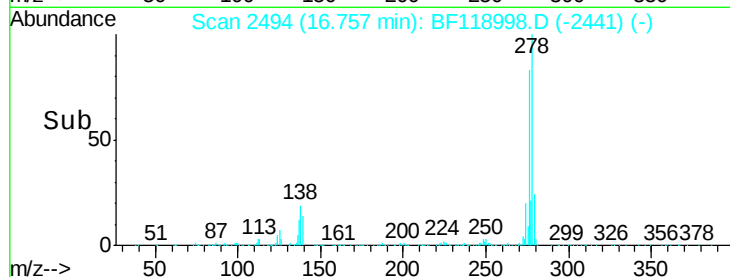
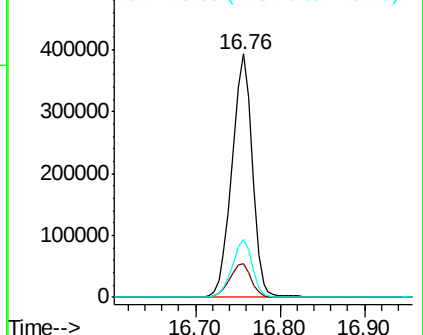


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 36.442 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF118998.D
Acq: 21 Feb 2020 17:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	19.5	16.2	24.4

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

