

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120872.D
 Acq On : 15 Jul 2020 14:42
 Operator : JU/CG
 Sample : L3289-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

Quant Time: Jul 15 16:02:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	189314	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	748321	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	387633	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	731572	20.00	ng	0.00
76) Chrysene-d12	14.00	240	552576	20.00	ng	0.00
86) Perylene-d12	15.45	264	533770	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	805948	65.72	ng	0.00
7) Phenol-d6	6.46	99	1010621	64.53	ng	0.00
23) Nitrobenzene-d5	7.39	82	624941	48.39	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	300476	77.16	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1208053	47.15	ng	0.00
79) Terphenyl-d14	12.95	244	1228822	43.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	213420	38.096	ng	97
3) Pyridine	3.37	79	588761	38.368	ng	98
4) n-Nitrosodimethylamine	3.32	42	270102	35.185	ng	# 80
6) Aniline	6.49	93	596869	29.674	ng	98
8) 2-Chlorophenol	6.62	128	561214	42.981	ng	96
9) Benzaldehyde	6.38	77	159995	17.177	ng	91
10) Phenol	6.47	94	687840	42.693	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	520191	39.678	ng	97
12) 1,3-Dichlorobenzene	6.77	146	564498	39.278	ng	97
13) 1,4-Dichlorobenzene	6.85	146	567653	39.435	ng	99
14) 1,2-Dichlorobenzene	7.00	146	543642	39.696	ng	98
15) Benzyl Alcohol	6.97	79	433862	36.870	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	734150	35.901	ng	98
17) 2-Methylphenol	7.09	107	441593	37.805	ng	97
18) Hexachloroethane	7.35	117	211957	39.176	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	335057	35.531	ng	95
20) 3+4-Methylphenols	7.24	107	489480	34.023	ng	# 82
22) Acetophenone	7.25	105	647623	34.818	ng	96
24) Nitrobenzene	7.42	77	562710	38.802	ng	92
25) Isophorone	7.66	82	1013827	36.397	ng	100
26) 2-Nitrophenol	7.73	139	292552	47.987	ng	# 83
27) 2,4-Dimethylphenol	7.77	122	459822	41.354	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	641433	38.909	ng	99
29) 2,4-Dichlorophenol	7.97	162	447000	40.269	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	480774	38.561	ng	99
31) Naphthalene	8.14	128	1499534	37.496	ng	100
32) Benzoic acid	7.89	122	341862	43.879	ng	92
33) 4-Chloroaniline	8.18	127	338986	19.975	ng	97
34) Hexachlorobutadiene	8.26	225	276673	36.898	ng	99
35) Caprolactam	8.56	113	97349	30.098	ng	89
36) 4-Chloro-3-methylphenol	8.67	107	464017	40.186	ng	93
37) 2-Methylnaphthalene	8.83	142	1009658	38.837	ng	99
38) 1-Methylnaphthalene	8.93	142	968162	39.757	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	434564	37.094	ng	99

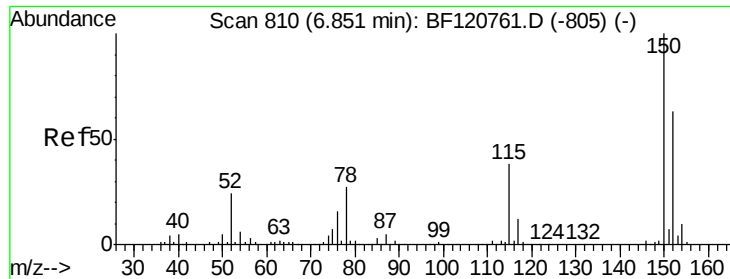
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071520\
 Data File : BF120872.D
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 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	490787	70.905	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	326215	40.864	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	341943	38.597	nq	96
46) 1,1'-Biphenyl	9.29	154	1171828	37.477	nq	100
47) 2-Chloronaphthalene	9.32	162	934937	37.324	nq	96
48) 2-Nitroaniline	9.42	65	295415	39.856	nq #	84
49) Acenaphthylene	9.73	152	1483810	37.782	nq	99
50) Dimethylphthalate	9.60	163	1281041	45.303	nq	99
51) 2,6-Dinitrotoluene	9.66	165	247716	44.265	nq #	81
52) Acenaphthene	9.91	154	1001153	41.092	nq	100
53) 3-Nitroaniline	9.82	138	178903	26.949	nq #	94
54) 2,4-Dinitrophenol	9.93	184	217131	96.039	nq	92
55) Dibenzofuran	10.08	168	1322784	37.666	nq	97
56) 4-Nitrophenol	9.99	139	452904	87.144	nq	89
57) 2,4-Dinitrotoluene	10.06	165	332074	47.474	nq #	73
58) Fluorene	10.42	166	943772	36.104	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289787	43.956	nq	97
60) Diethylphthalate	10.30	149	1081363	36.711	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	457630	34.825	nq	98
62) 4-Nitroaniline	10.44	138	268899	44.757	nq	87
63) Azobenzene	10.57	77	1039658	34.503	nq	95
65) 4,6-Dinitro-2-methylphenol	10.47	198	159426	51.264	nq #	67
66) n-Nitrosodiphenylamine	10.53	169	916336	37.370	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	310918	36.638	nq	98
68) Hexachlorobenzene	10.97	284	352824	39.621	nq #	90
69) Atrazine	11.06	200	269696	42.693	nq	99
70) Pentachlorophenol	11.16	266	395802	78.559	nq	99
71) Phenanthrene	11.38	178	1442564	36.342	nq	100
72) Anthracene	11.43	178	1507675	37.587	nq	99
73) Carbazole	11.59	167	1432518	37.164	nq	99
74) Di-n-butylphthalate	11.92	149	1685421	35.317	nq	100
75) Fluoranthene	12.57	202	1627625	38.492	nq	99
77) Benzidine	12.69	184	691506	44.336	nq	99
78) Pyrene	12.80	202	1659651	37.607	nq	100
80) Butylbenzylphthalate	13.42	149	736150	38.636	nq	97
81) Benzo(a)anthracene	13.99	228	1280548	36.152	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	383458	32.079	nq	99
83) Chrysene	14.03	228	1377221	38.118	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	856170	34.267	nq #	98
85) Di-n-octyl phthalate	14.59	149	1700817	38.478	nq	96
87) Indeno(1,2,3-cd)pyrene	16.90	276	1393580	40.704	nq	100
88) Benzo(b)fluoranthene	15.03	252	1378243	39.276	nq	100
89) Benzo(k)fluoranthene	15.06	252	1306798	38.271	nq	98
90) Benzo(a)pyrene	15.39	252	1206132	38.530	nq	98
91) Dibenzo(a,h)anthracene	16.92	278	1163229	40.765	nq	99
92) Benzo(g,h,i)perylene	17.34	276	1119185	42.915	nq	99

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

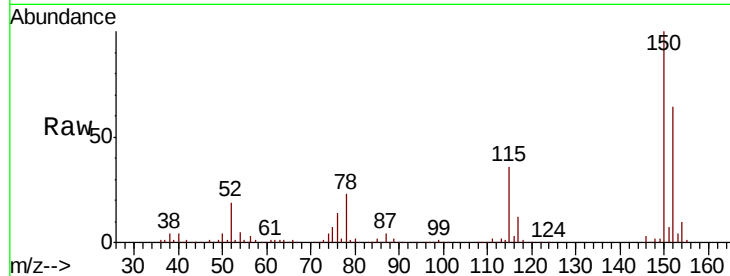


#1

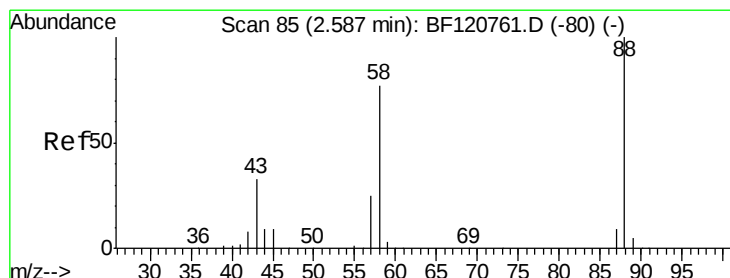
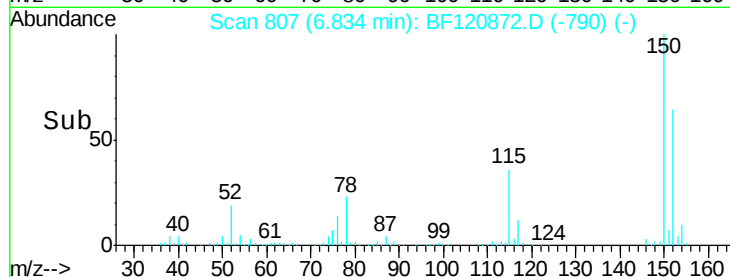
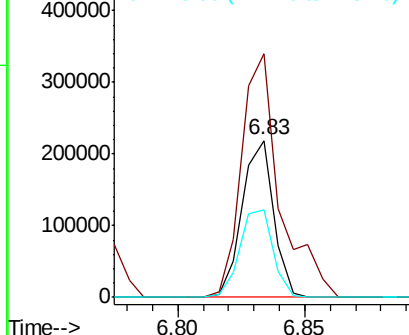
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:152 Resp: 189314
Ion Ratio Lower Upper
152 100
150 155.1 126.1 189.1
115 55.9 48.5 72.7



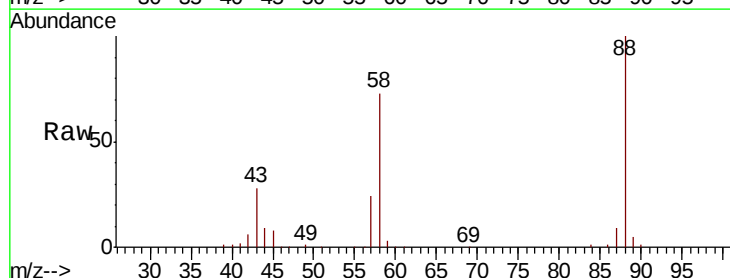
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



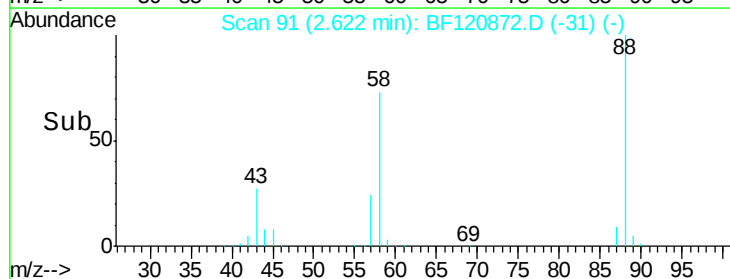
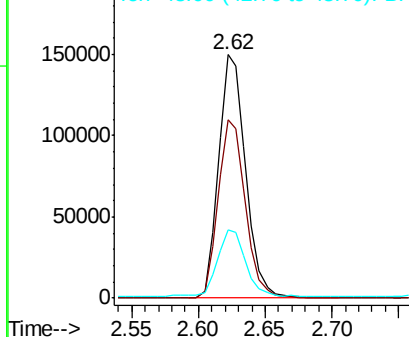
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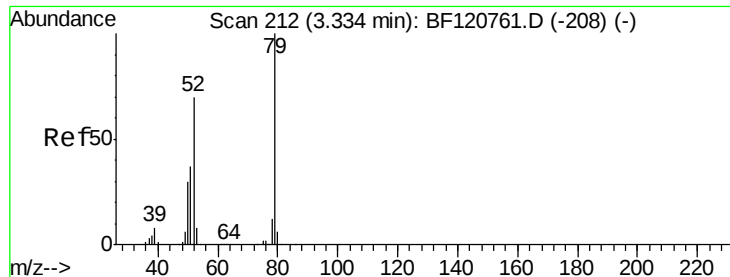
1,4-Dioxane
Concen: 38.096 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.05 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion: 88 Resp: 213420
Ion Ratio Lower Upper
88 100
58 74.3 60.4 90.6
43 28.3 26.3 39.5



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: 38.368 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.06 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

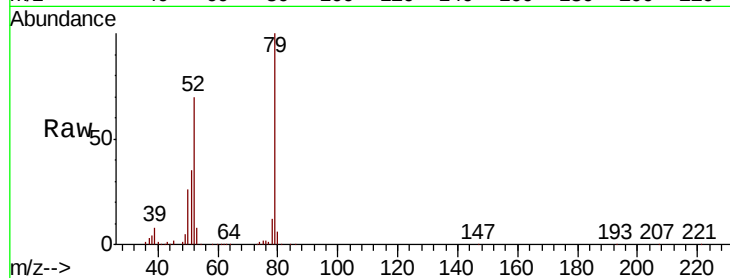
Tot Ion: 79 Resp: 588761

Ion Ratio Lower Upper

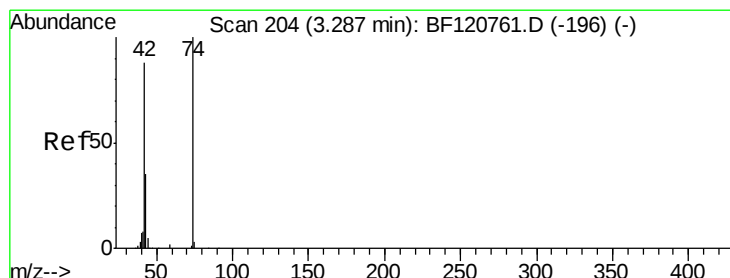
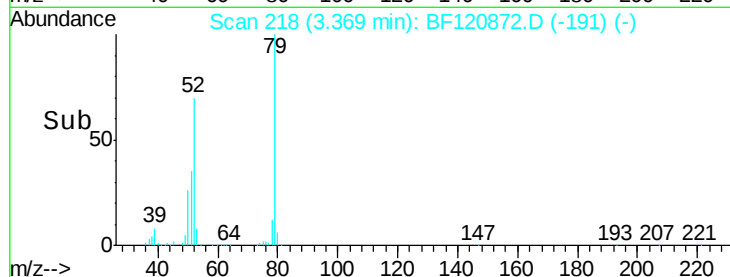
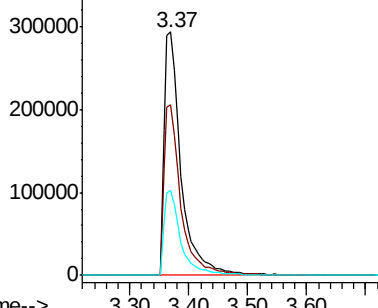
79 100

52 69.9 56.3 84.5

51 34.9 30.1 45.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.185 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

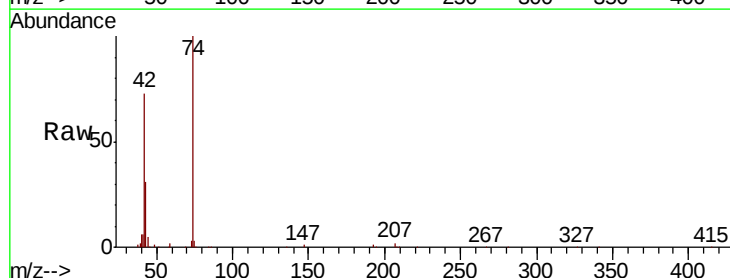
Tgt Ion: 42 Resp: 270102

Ion Ratio Lower Upper

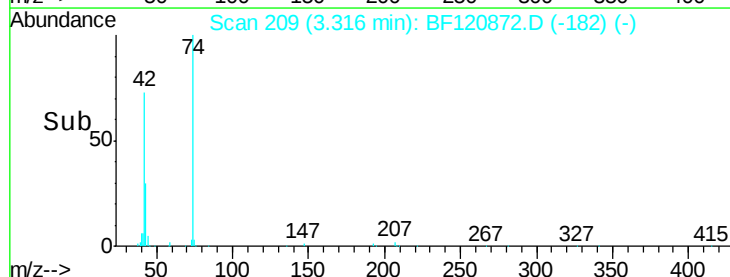
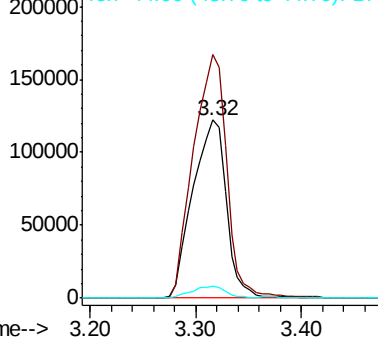
42 100

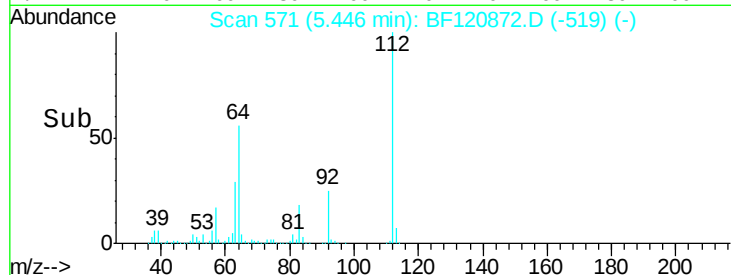
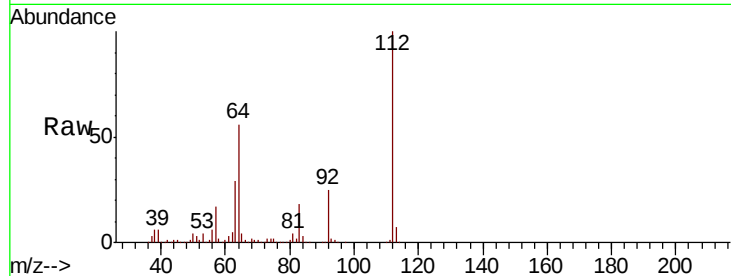
74 136.8 90.8 136.2#

44 6.8 5.8 8.8



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

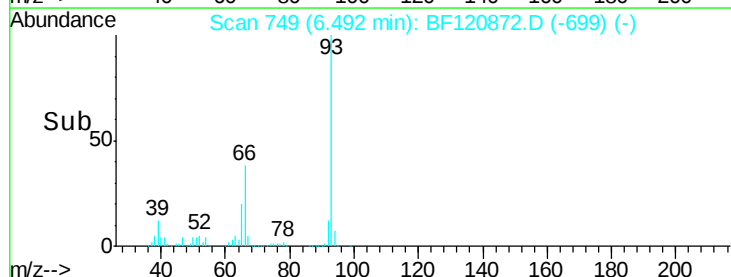
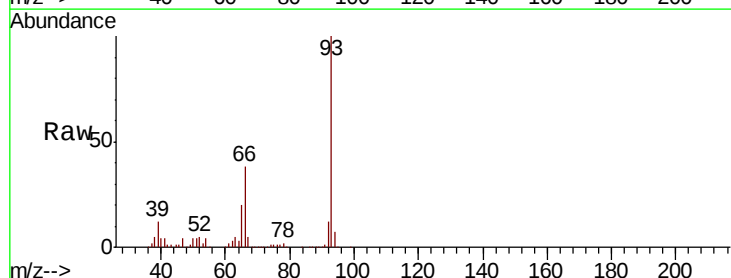
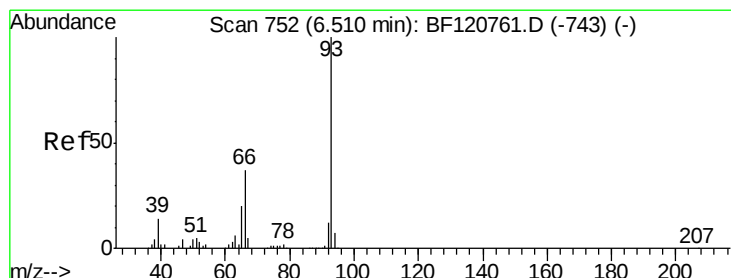
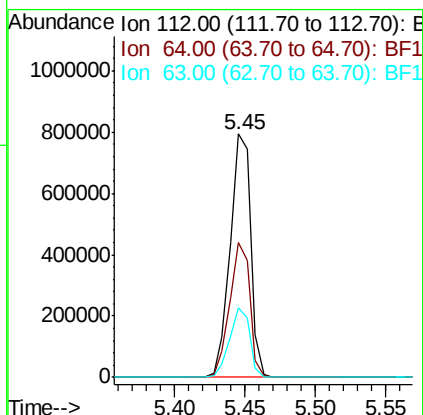




#5
2-Fluorophenol
Concen: 65.716 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

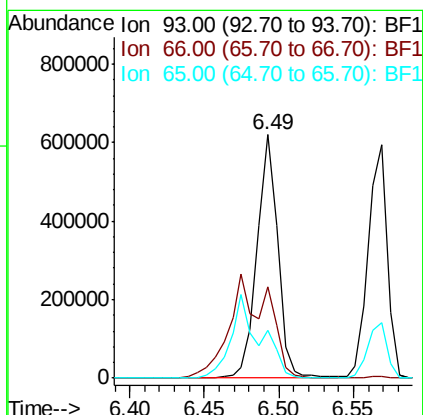
Instrument :
BNA_F
ClientSampleId :
IRON-1MS

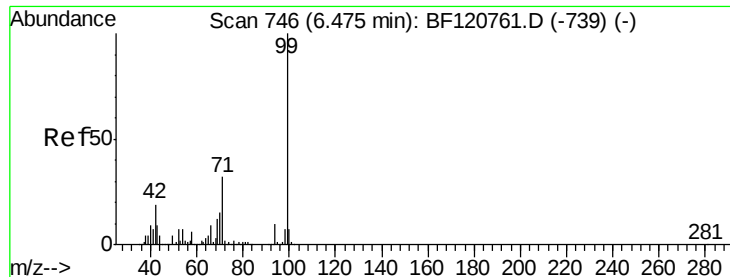
Tot Ion	Ratio	Lower	Upper
112	100		
64	55.6	43.8	65.6
63	28.7	23.6	35.4



#6
Aniline
Concen: 29.674 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.5	31.3	46.9
65	19.9	16.5	24.7





#7

Phenol-d6

Concen: 64.528 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampled :

IRON-1MS

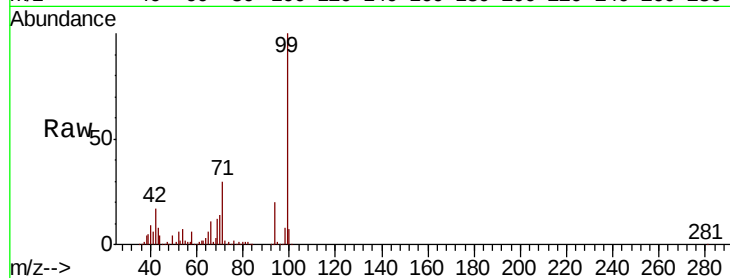
Tot Ion: 99 Resp: 1010621

Ion Ratio Lower Upper

99 100

42 17.0 15.4 23.0

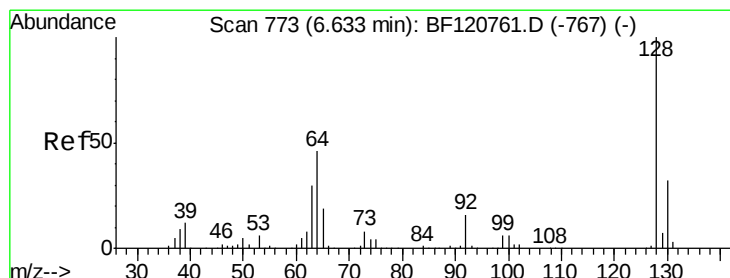
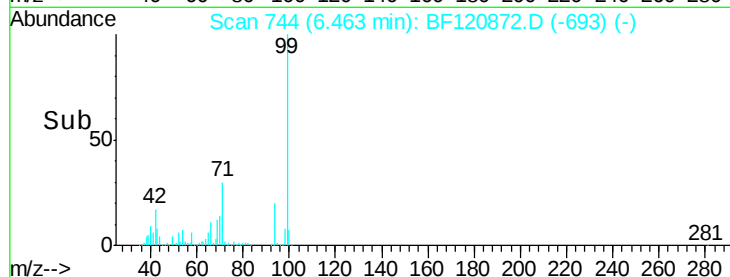
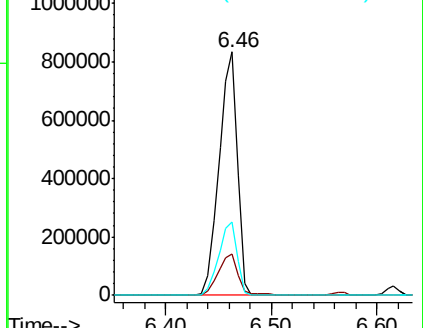
71 30.3 25.9 38.9



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.981 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

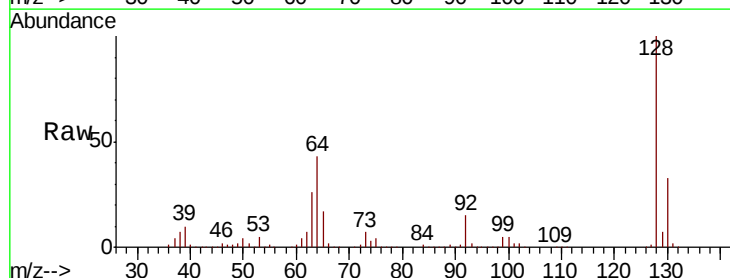
Tgt Ion: 128 Resp: 561214

Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

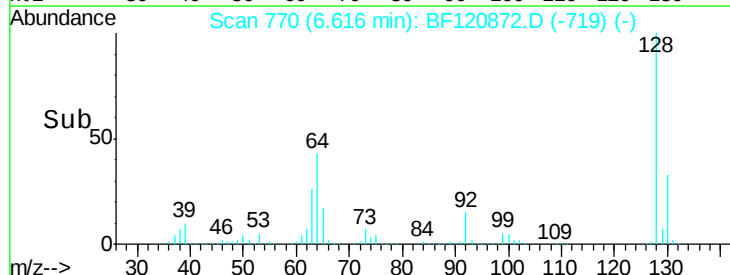
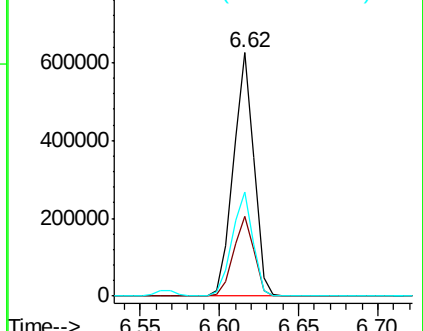
64 42.7 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 17.177 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampled :

IRON-1MS

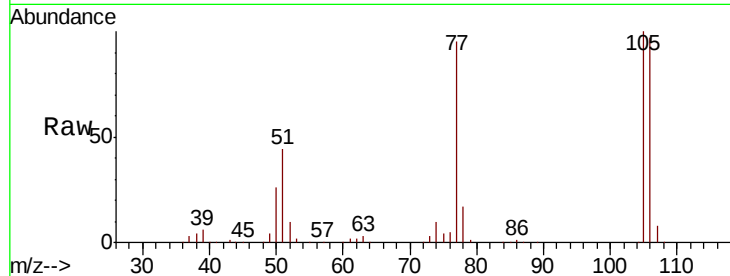
Tot Ion: 77 Resp: 159995

Ion Ratio Lower Upper

77 100

105 105.7 76.8 116.8

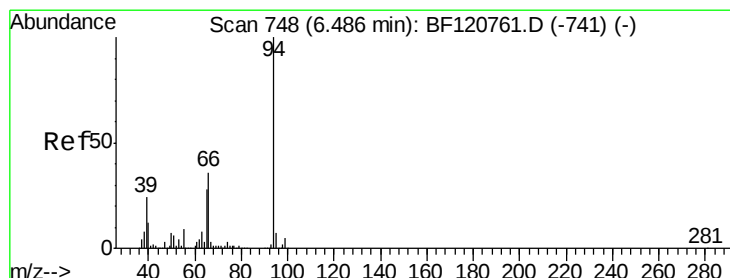
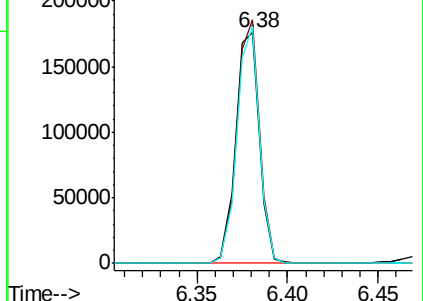
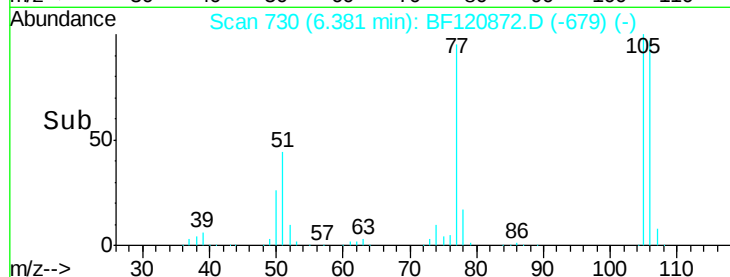
106 102.8 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 42.693 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

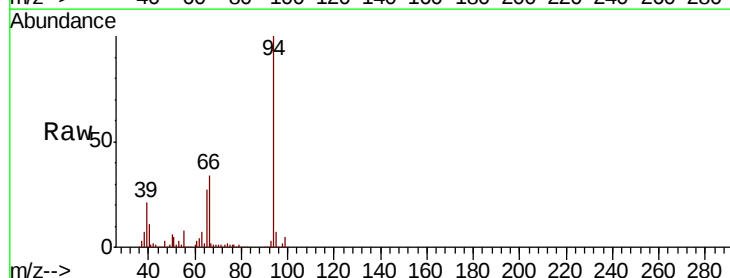
Tgt Ion: 94 Resp: 687840

Ion Ratio Lower Upper

94 100

65 27.4 8.4 48.4

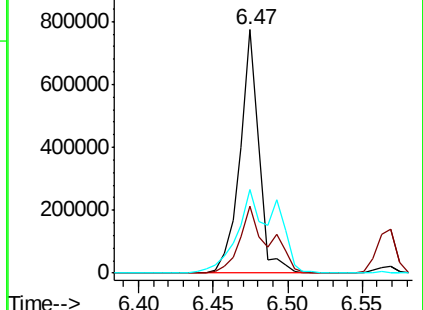
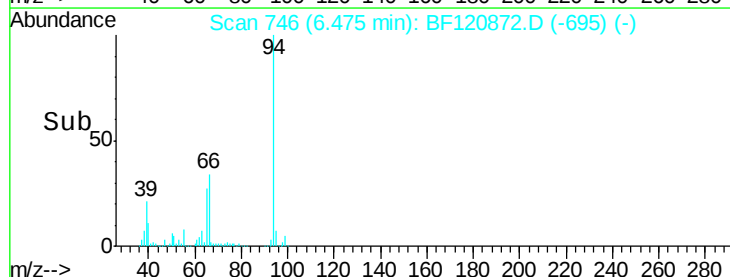
66 34.1 16.5 56.5

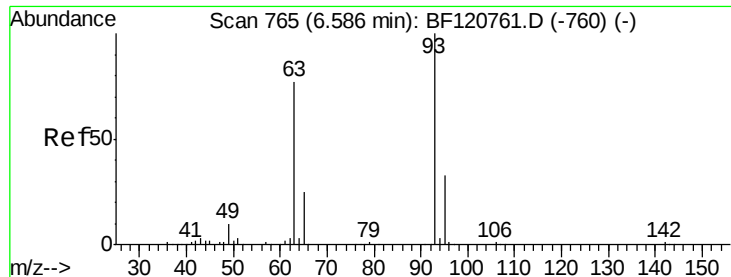


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

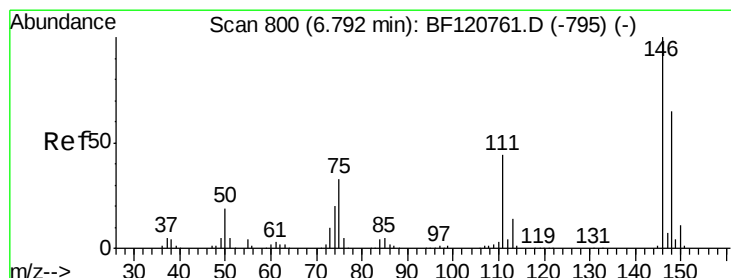
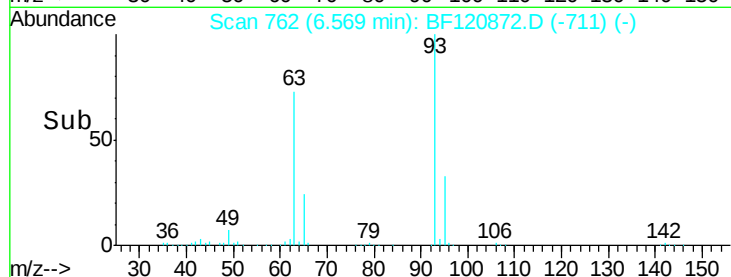
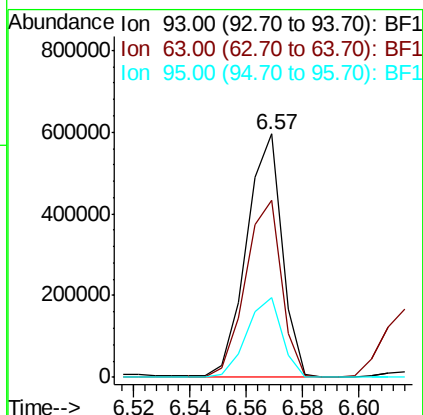
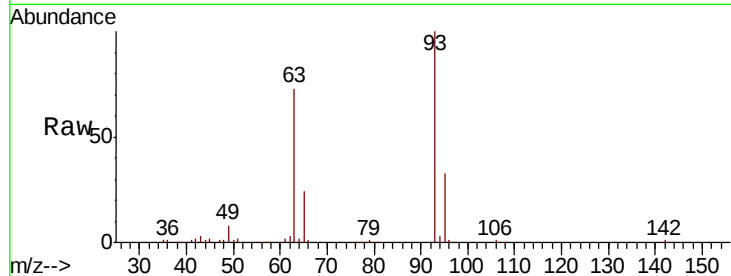




#11
 bis(2-Chloroethyl)ether
 Concen: 39.678 ng
 RT: 6.57 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

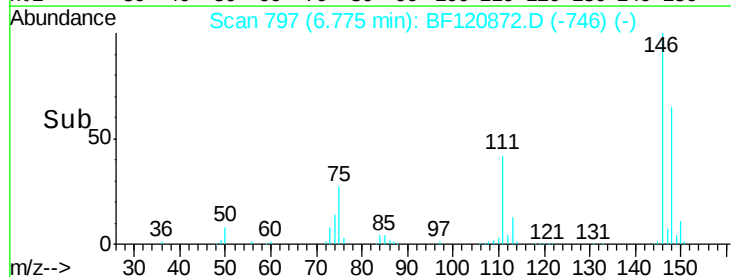
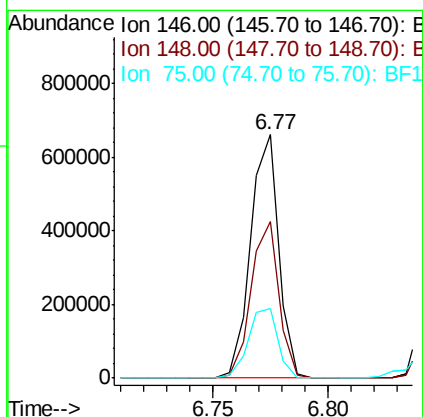
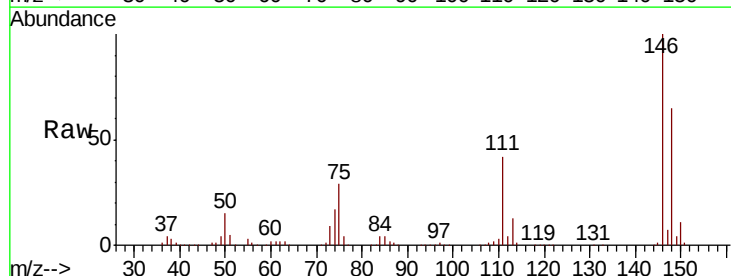
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

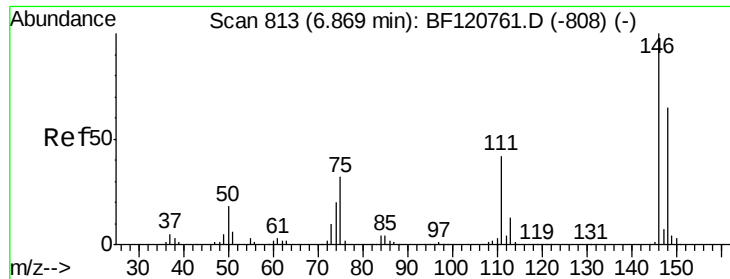
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	56.9	96.9
95	33.0	13.3	53.3



#12
 1,3-Dichlorobenzene
 Concen: 39.278 ng
 RT: 6.77 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
75	28.7	26.0	39.0

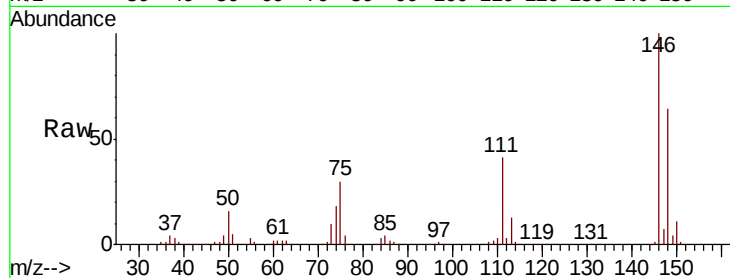




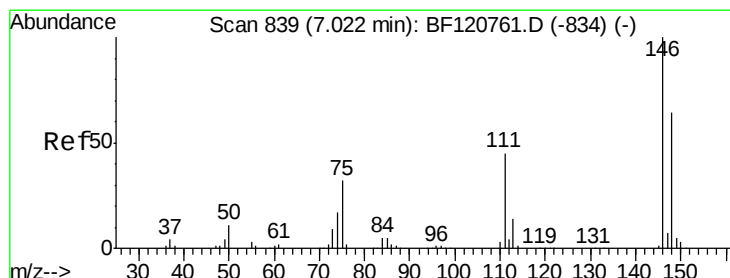
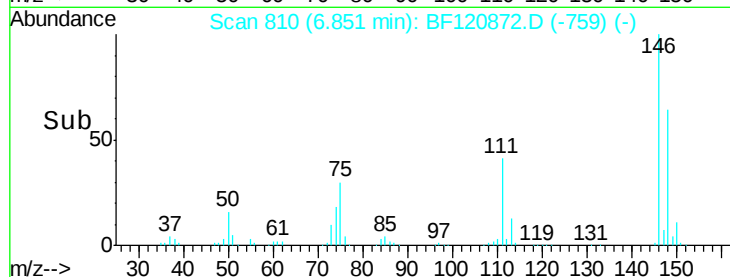
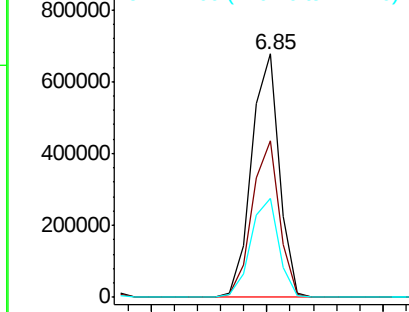
#13
 1,4-Dichlorobenzene
 Concen: 39.435 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

Tot Ion:146 Resp: 567653
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 40.8 33.7 50.5

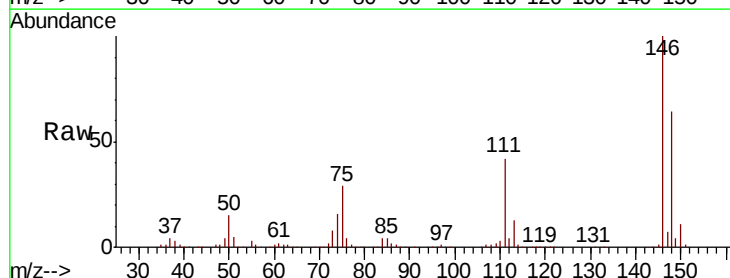


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

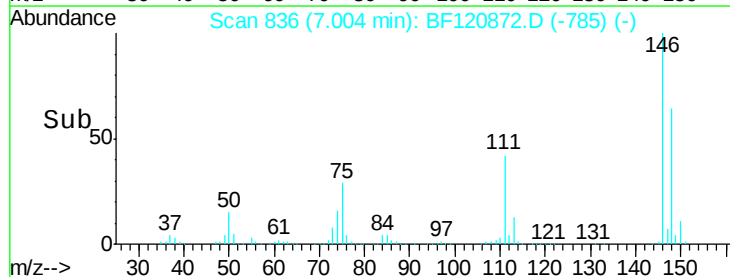
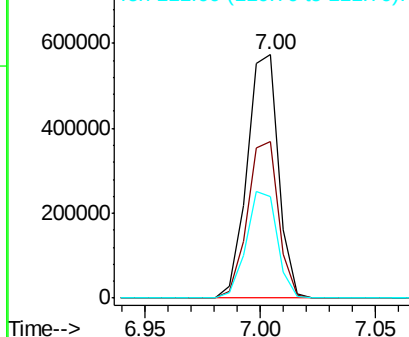


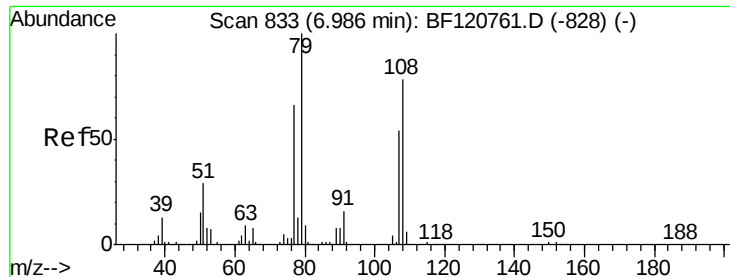
#14
 1,2-Dichlorobenzene
 Concen: 39.696 ng
 RT: 7.00 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:146 Resp: 543642
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.0 76.4
 111 41.9 35.7 53.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.870 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

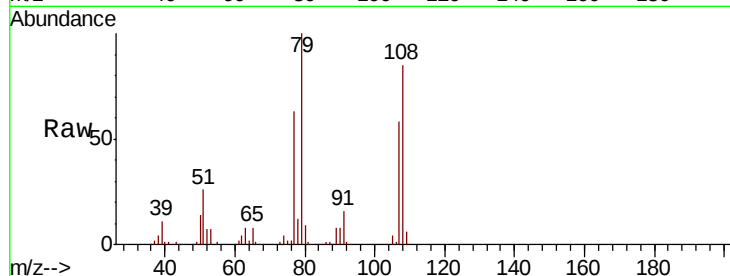
Tot Ion: 79 Resp: 433862

Ion Ratio Lower Upper

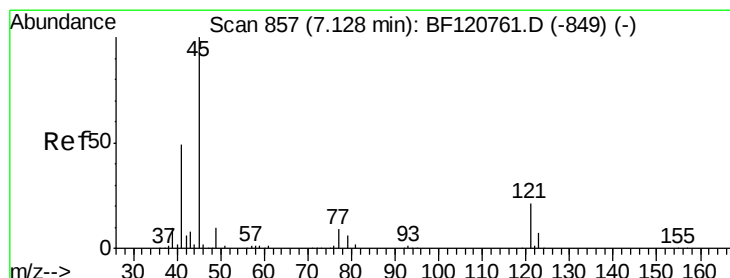
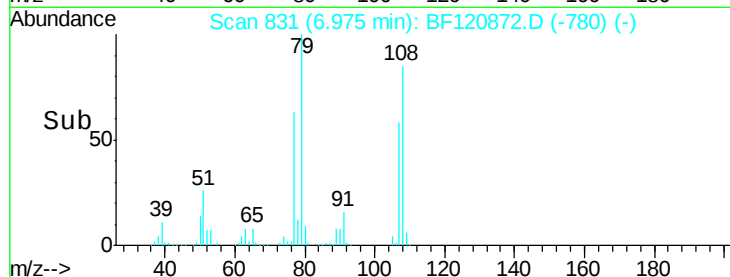
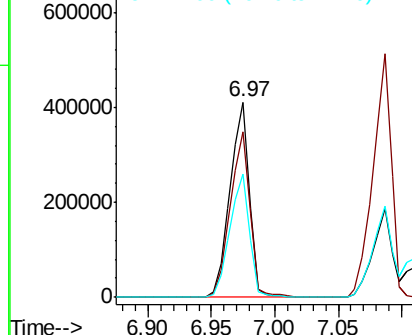
79 100

108 84.7 62.4 93.6

77 63.0 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.901 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

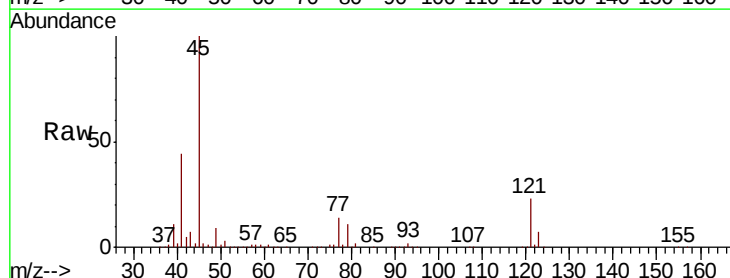
Tgt Ion: 45 Resp: 734150

Ion Ratio Lower Upper

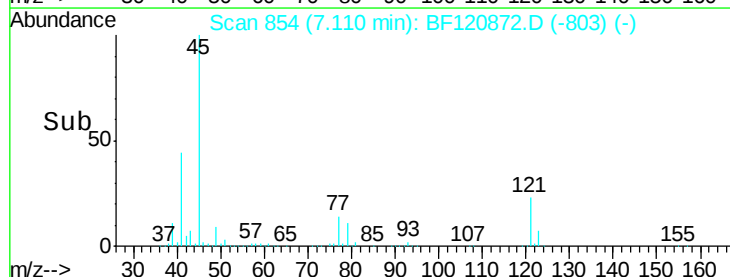
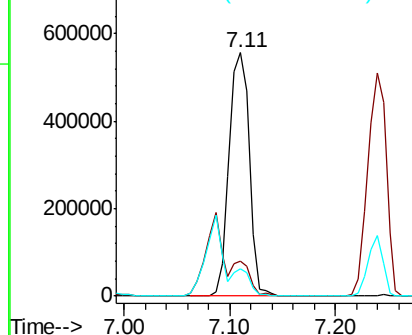
45 100

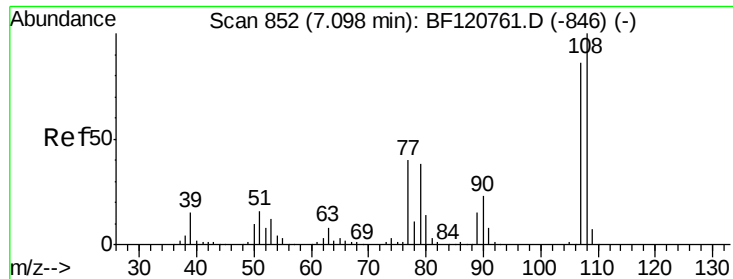
77 14.4 0.0 33.7

79 11.2 0.0 30.5



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

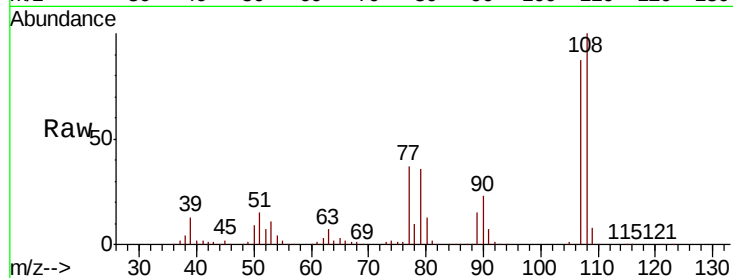




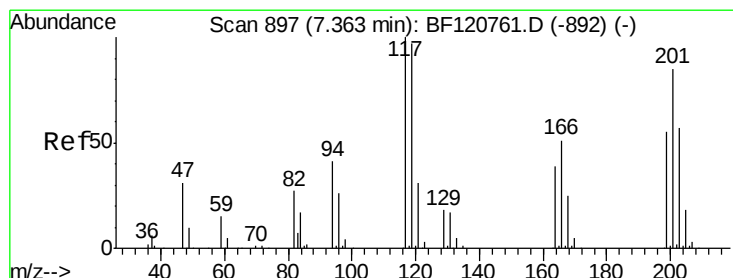
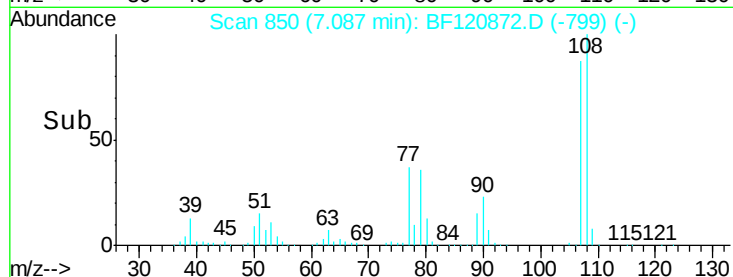
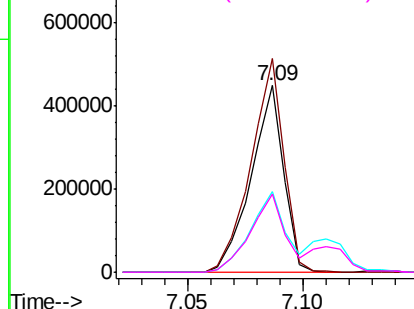
#17
2-Methylphenol
Concen: 37.805 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:	107	Resp:	441593
Ion	Ratio	Lower	Upper
107	100		
108	114.6	93.1	139.7
77	43.0	37.3	55.9
79	41.7	35.3	52.9

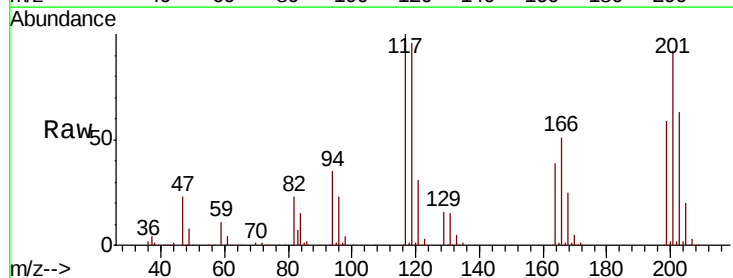


Abundance Ion 107.00 (106.70 to 107.70): E
800000
Ion 108.00 (107.70 to 108.70): E
600000
Ion 77.00 (76.70 to 77.70): BF1
400000
Ion 79.00 (78.70 to 79.70): BF1
200000
0

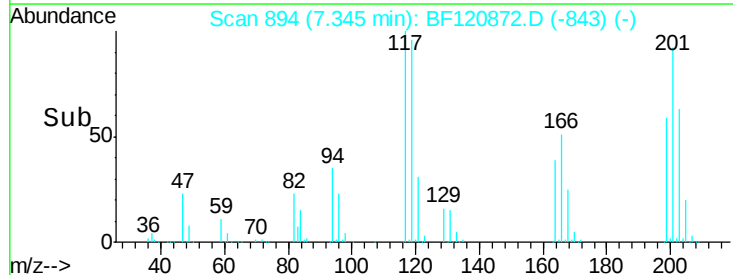
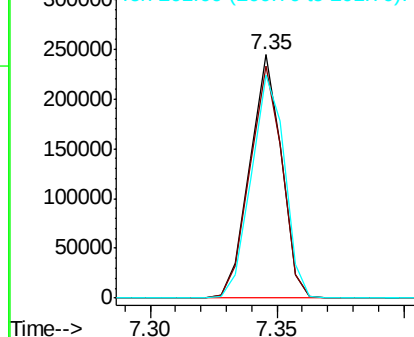


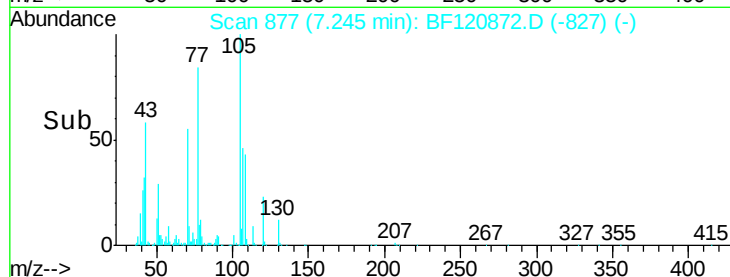
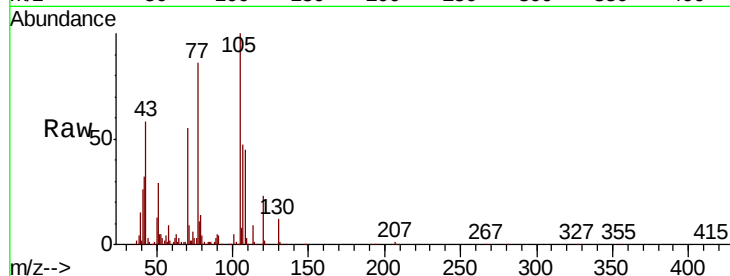
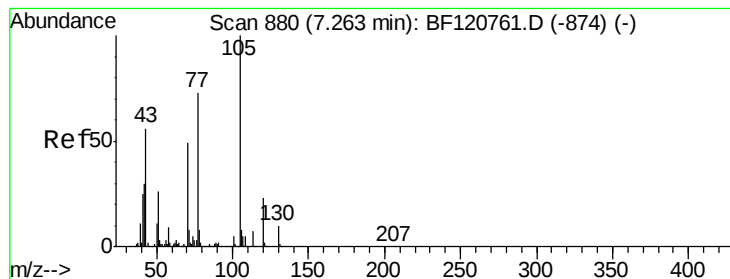
#18
Hexachloroethane
Concen: 39.176 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:	117	Resp:	211957
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.9	116.9
201	91.6	68.3	102.5



Abundance Ion 117.00 (116.70 to 117.70): E
300000
Ion 119.00 (118.70 to 119.70): E
250000
Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0





#19

n-Nitroso-di-n-propylamine

Concen: 35.531 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

Tot Ion: 70 Resp: 335057

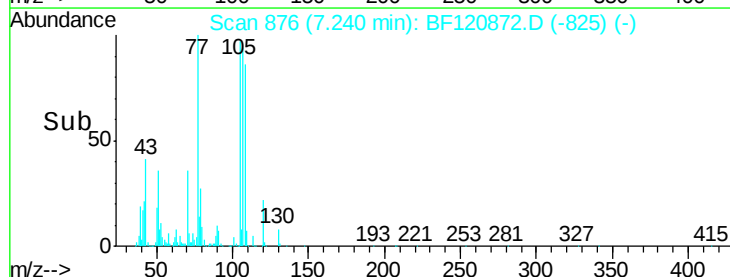
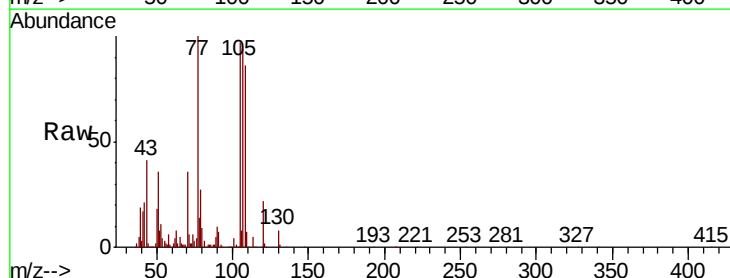
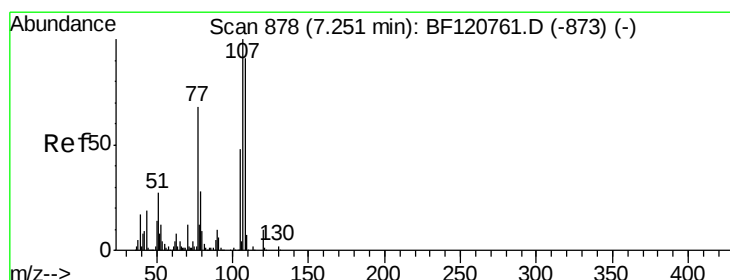
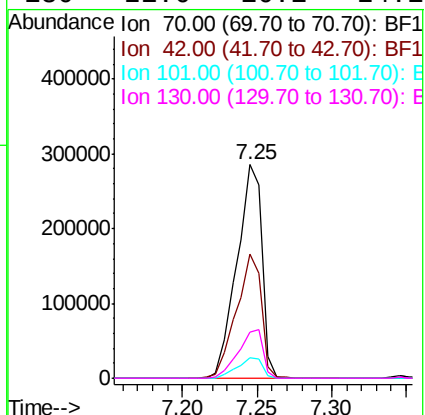
Ion Ratio Lower Upper

70 100

42 57.9 50.3 75.5

101 9.7 7.5 11.3

130 21.6 16.1 24.1



#20

3+4-Methylphenols

Concen: 34.023 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Tgt Ion:107 Resp: 489480

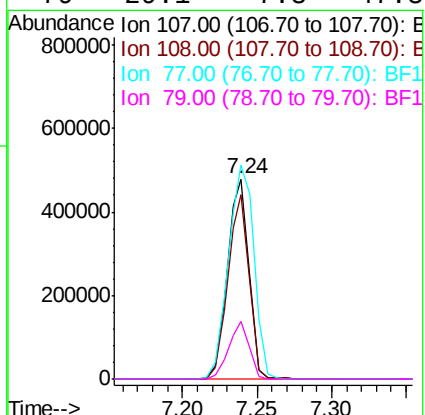
Ion Ratio Lower Upper

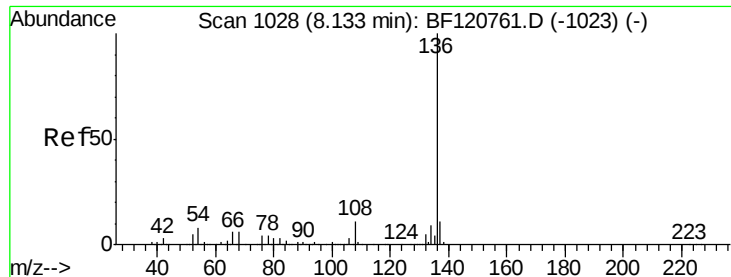
107 100

108 92.1 70.9 110.9

77 106.7 48.3 88.3#

79 29.1 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

Tot Ion:136 Resp: 748321

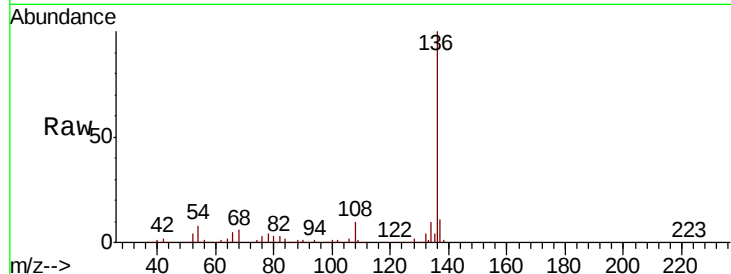
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 7.6 6.2 9.4

68 5.9 4.7 7.1

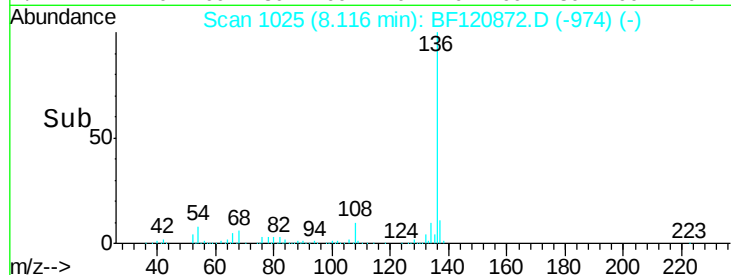


Abundance Ion 136.00 (135.70 to 136.70): E

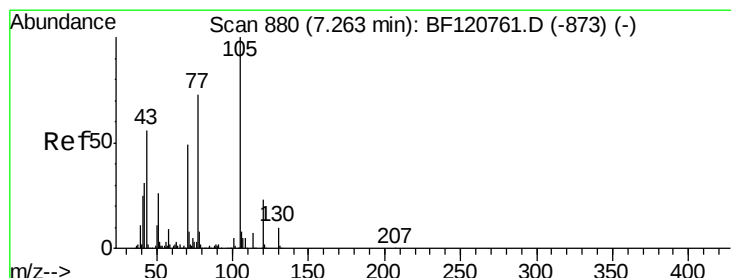
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.05 8.10 8.15



#22

Acetophenone

Concen: 34.818 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Tgt Ion:105 Resp: 647623

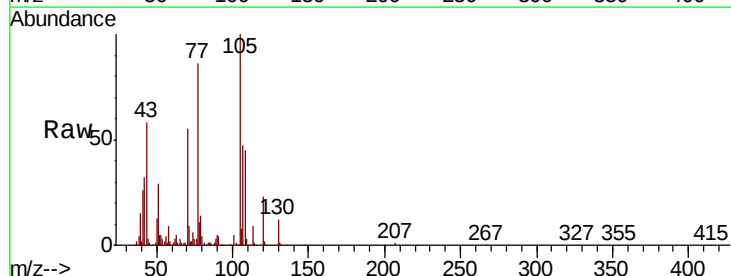
Ion Ratio Lower Upper

105 100

71 8.9 6.5 9.7

51 29.3 21.0 31.4

120 22.7 18.6 28.0

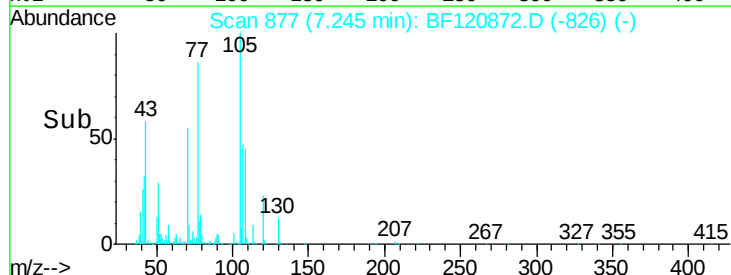


Abundance Ion 105.00 (104.70 to 105.70): E

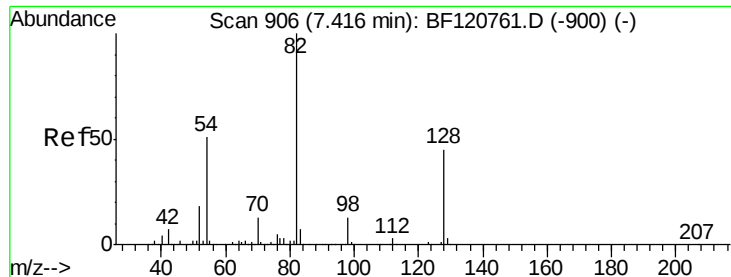
Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



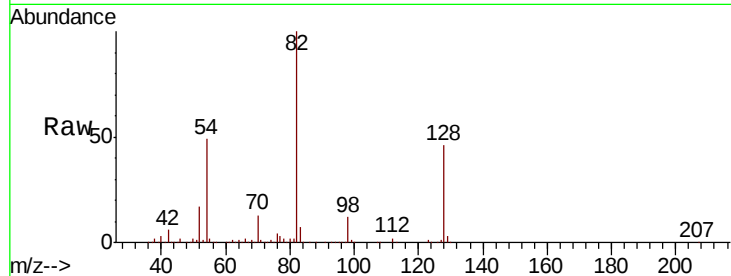
Time--> 7.20 7.25 7.30



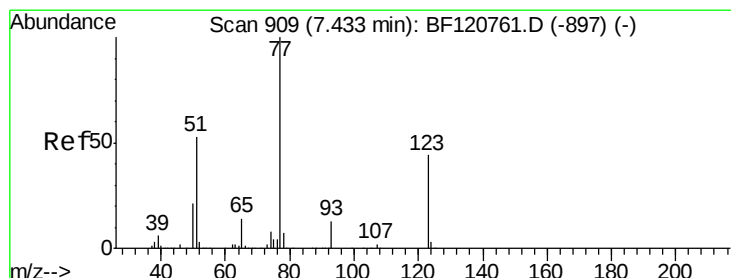
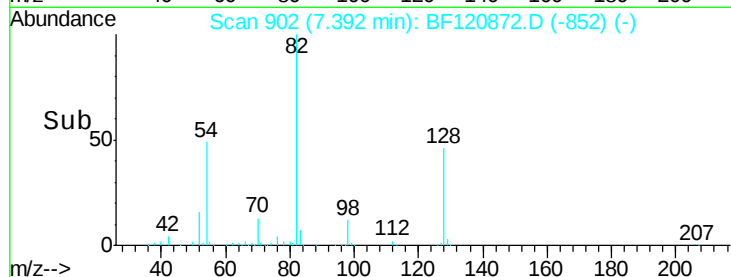
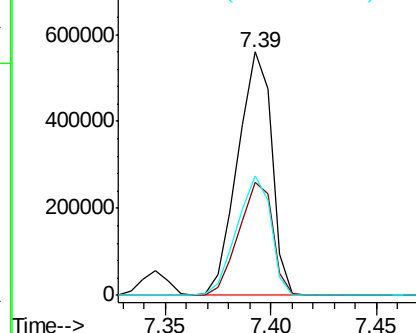
#23
 Nitrobenzene-d5
 Concen: 48.385 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

Tot Ion: 82 Resp: 624941
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.7 53.5
 54 48.9 40.9 61.3

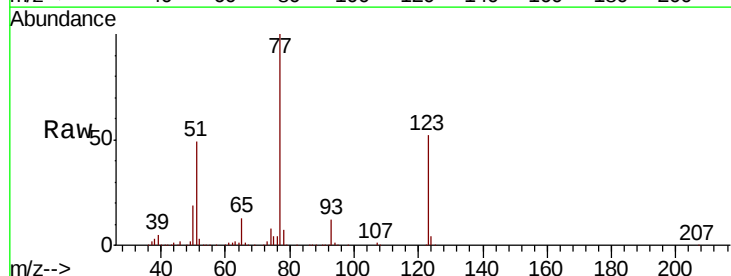


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

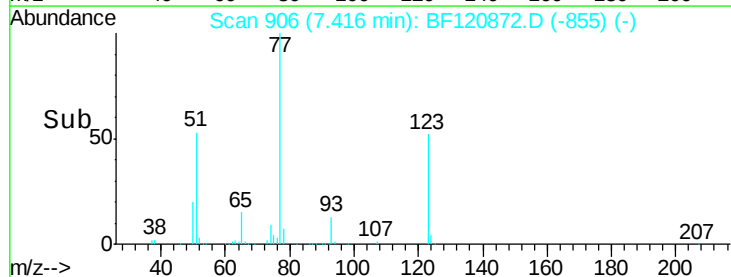
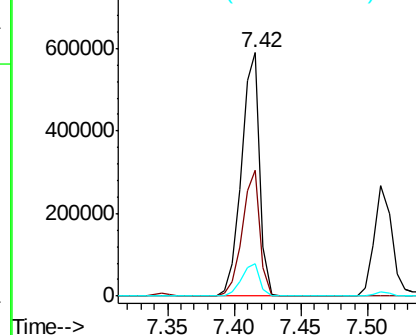


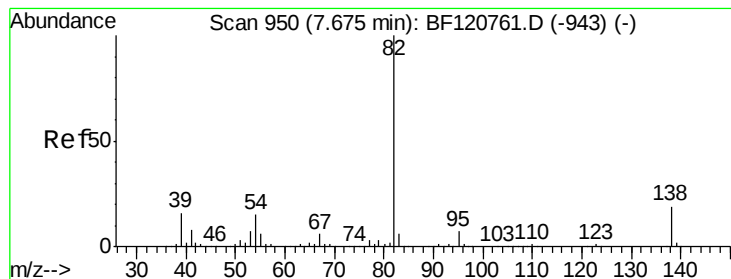
#24
 Nitrobenzene
 Concen: 38.802 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion: 77 Resp: 562710
 Ion Ratio Lower Upper
 77 100
 123 51.6 36.1 54.1
 65 13.4 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.397 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

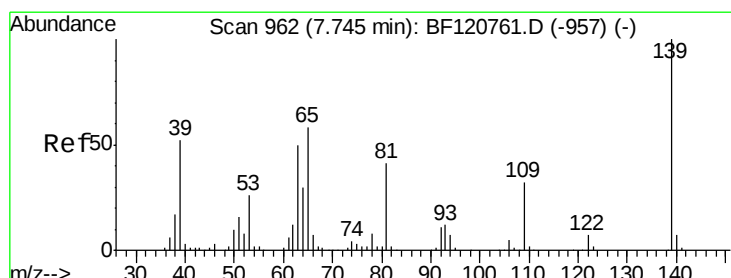
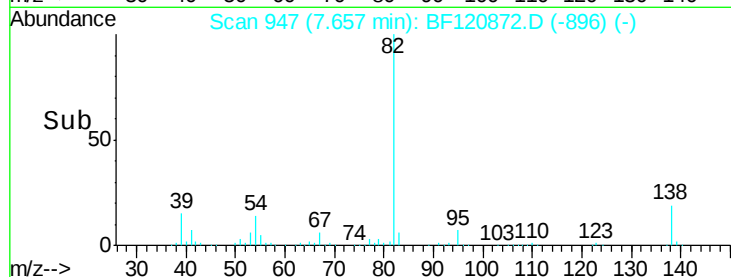
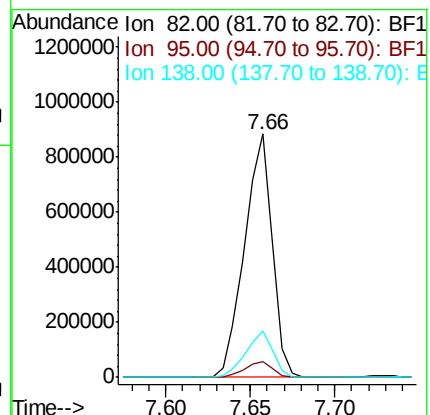
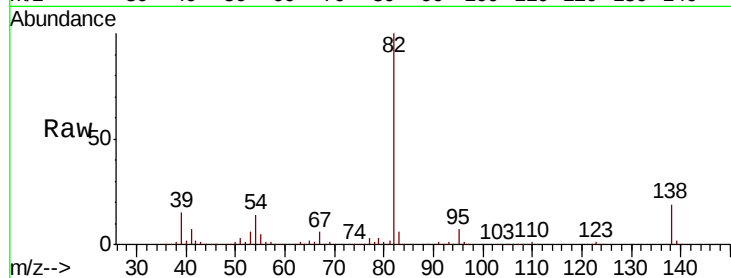
Tot Ion: 82 Resp: 1013827

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.8 15.0 22.4



#26

2-Nitrophenol

Concen: 47.987 ng

RT: 7.73 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

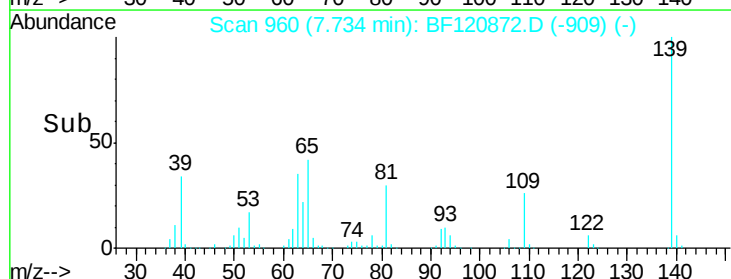
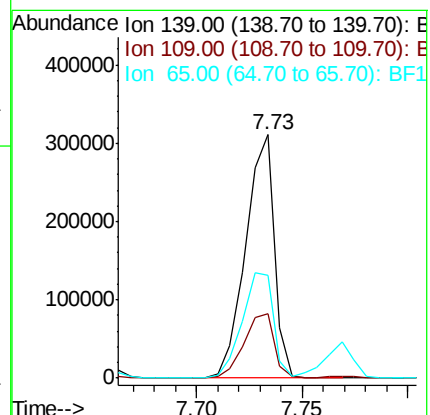
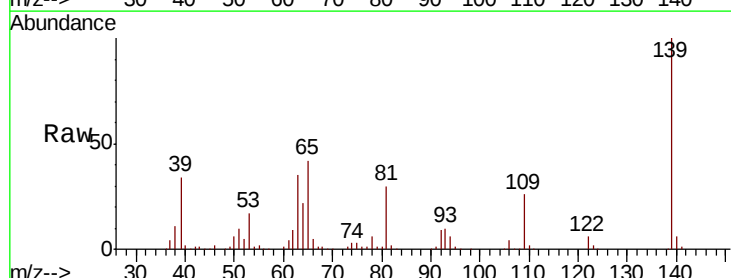
Tgt Ion: 139 Resp: 292552

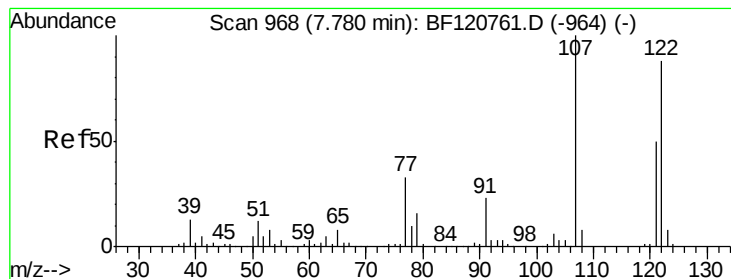
Ion Ratio Lower Upper

139 100

109 26.4 25.3 37.9

65 42.4 46.2 69.2#





#27

2,4-Dimethylphenol

Concen: 41.354 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

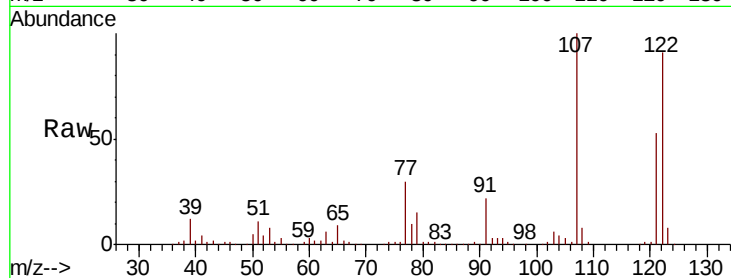
Tot Ion:122 Resp: 459822

Ion Ratio Lower Upper

122 100

107 110.4 90.7 136.1

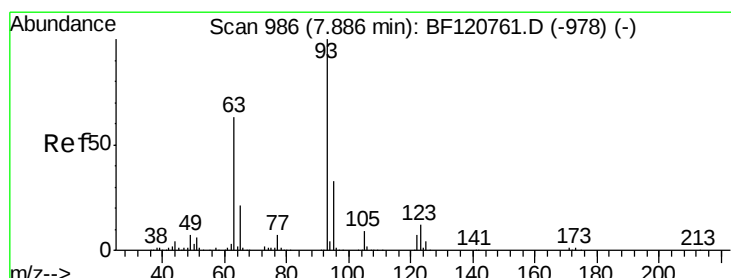
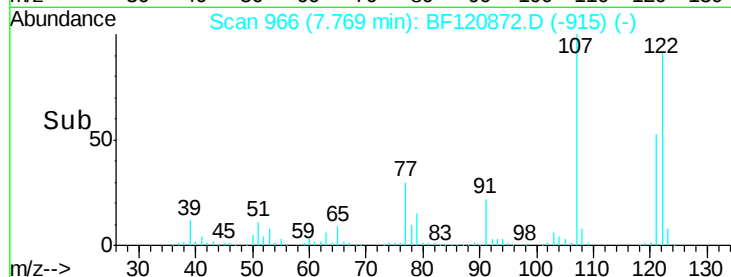
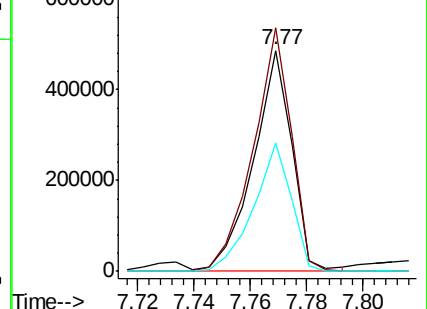
121 58.0 45.4 68.0



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: 38.909 ng

RT: 7.87 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

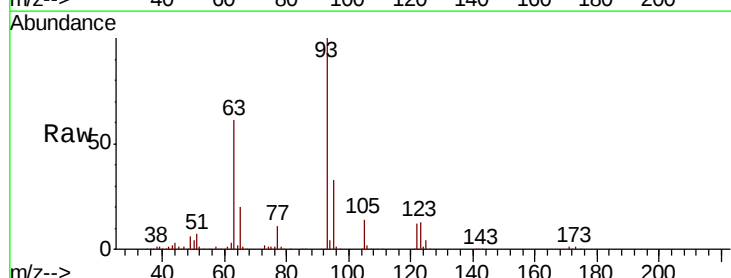
Tgt Ion: 93 Resp: 641433

Ion Ratio Lower Upper

93 100

95 33.4 26.4 39.6

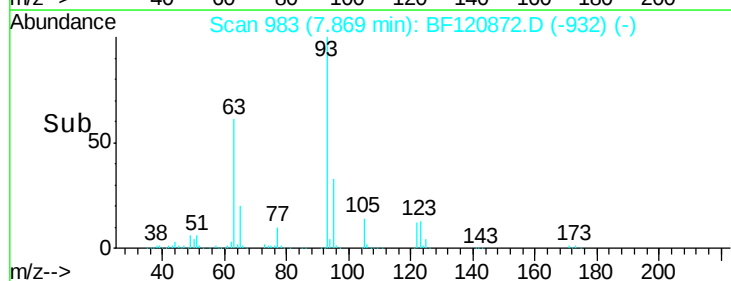
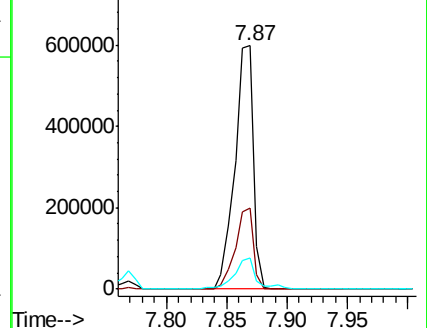
123 13.0 10.2 15.2

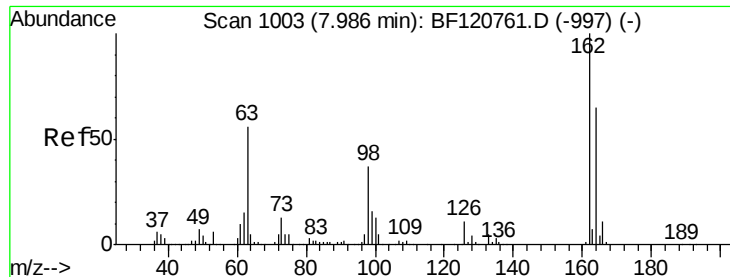


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

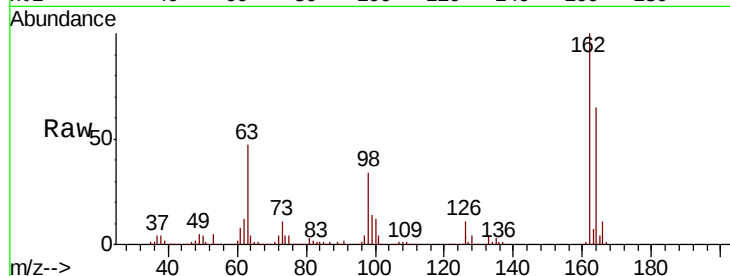




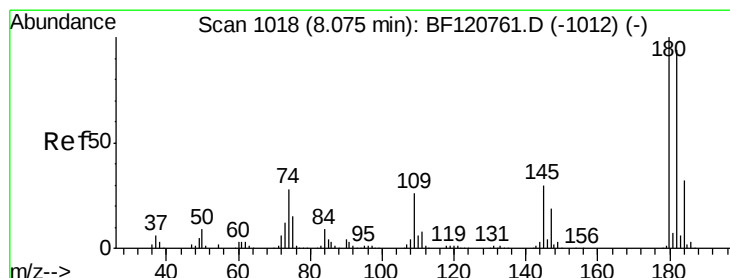
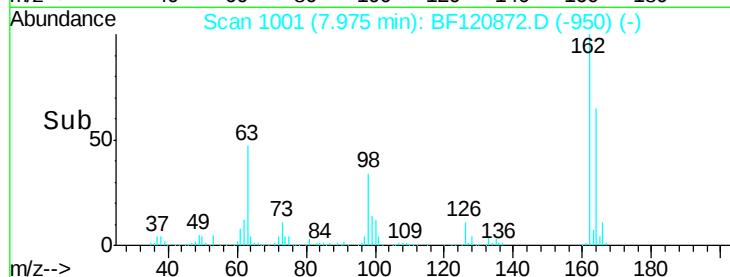
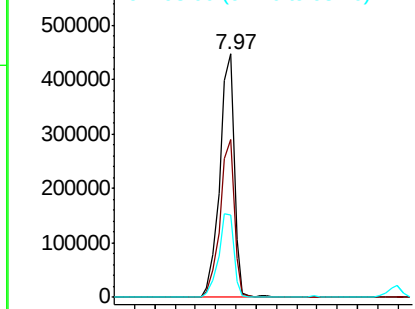
#29
 2,4-Dichlorophenol
 Concen: 40.269 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.2	85.2
98	33.7	17.0	57.0

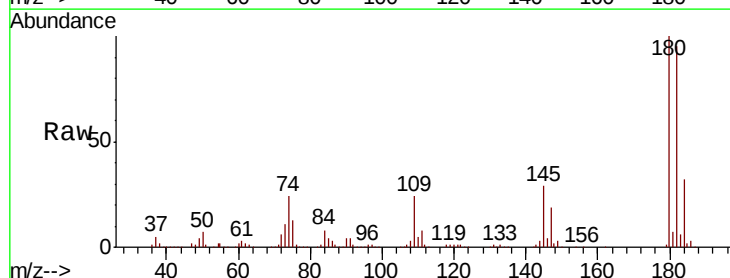


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

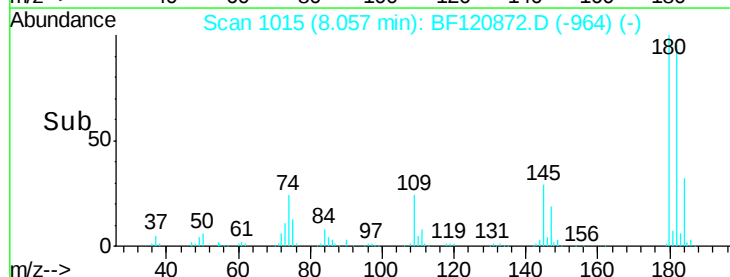
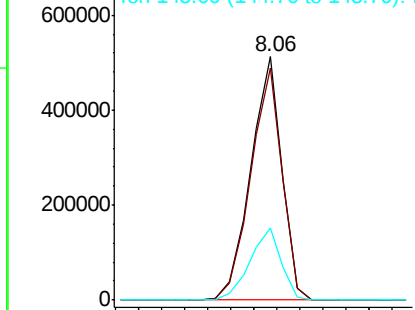


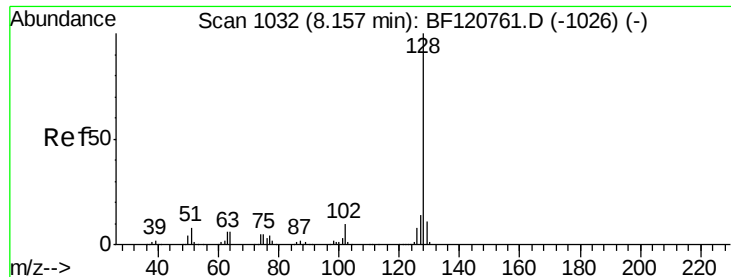
#30
 1,2,4-Trichlorobenzene
 Concen: 38.561 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.5	113.3
145	29.4	24.1	36.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

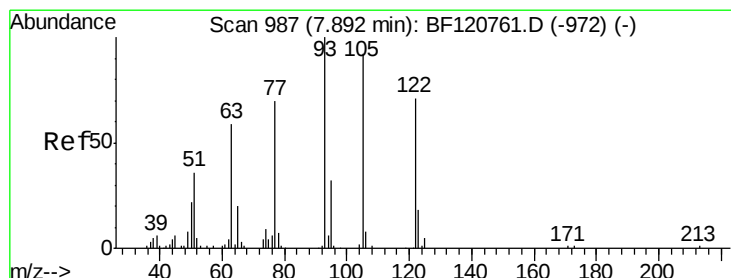
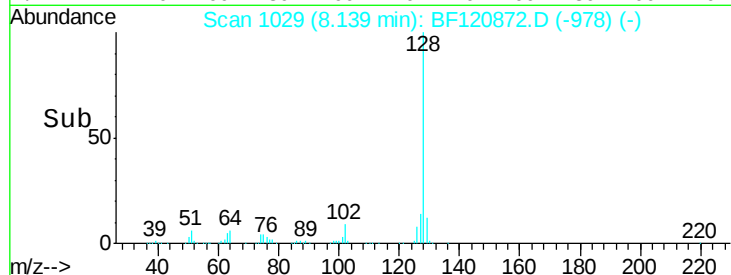
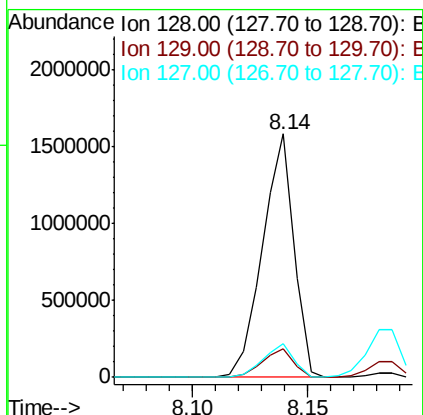
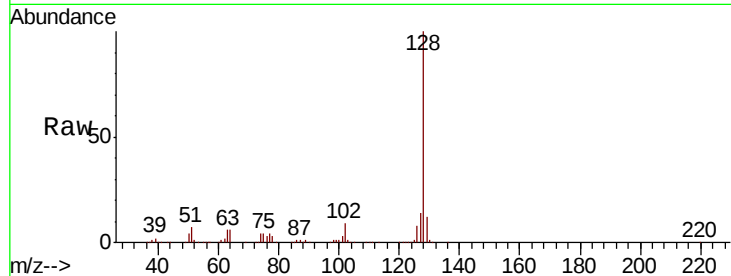




#31
Naphthalene
Concen: 37.496 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

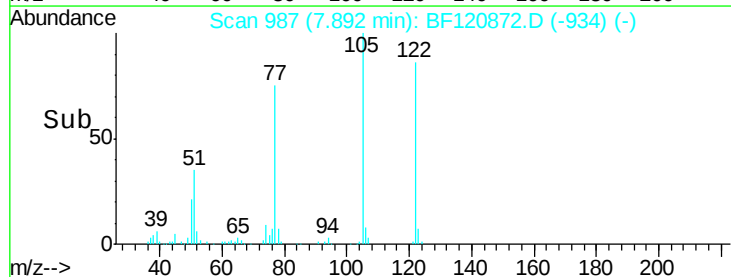
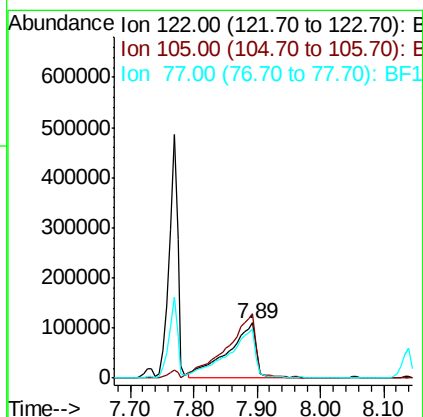
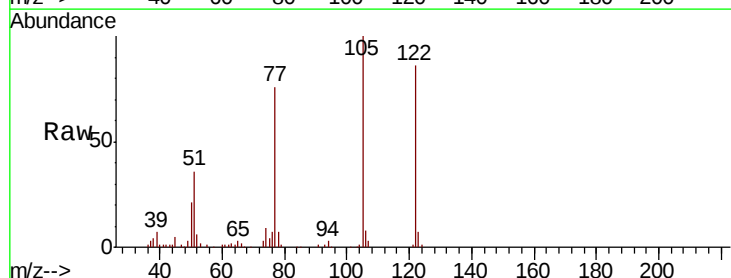
Instrument :
BNA_F
ClientSampleId :
IRON-1MS

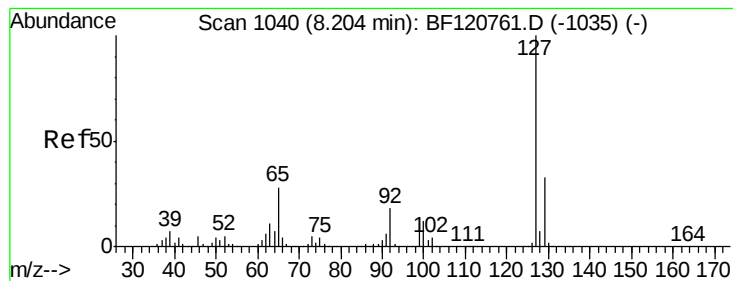
Tot Ion:128 Resp: 1499534
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 43.879 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:122 Resp: 341862
Ion Ratio Lower Upper
122 100
105 116.8 105.8 145.8
77 88.3 77.3 117.3





#33

4-Chloroaniline

Concen: 19.975 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

Tot Ion:127 Resp: 338986

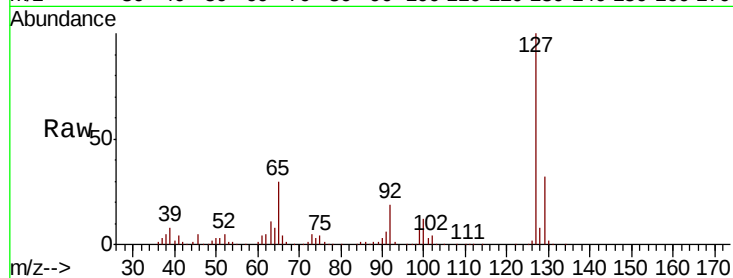
Ion Ratio Lower Upper

127 100

129 32.4 26.6 39.8

65 30.4 22.7 34.1

92 19.1 14.3 21.5

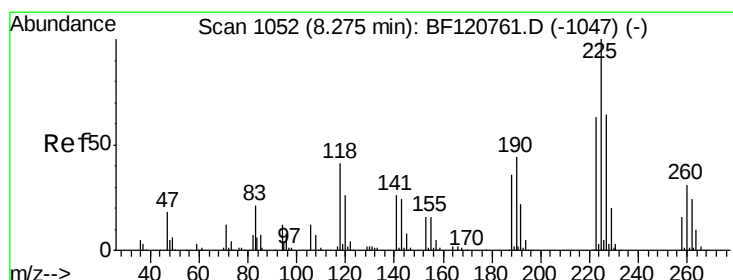
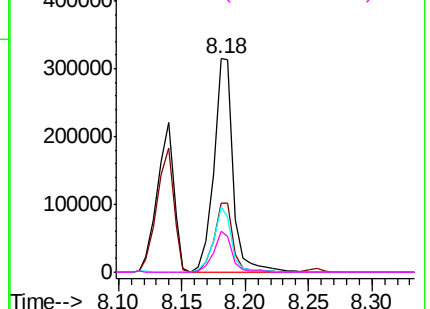
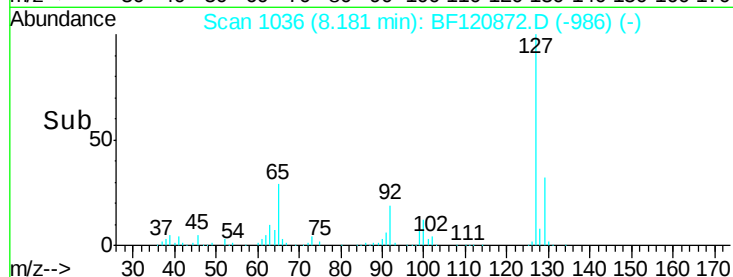


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 36.898 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

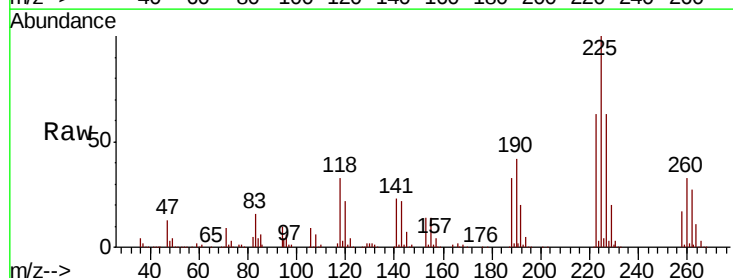
Tgt Ion:225 Resp: 276673

Ion Ratio Lower Upper

225 100

223 62.8 50.6 76.0

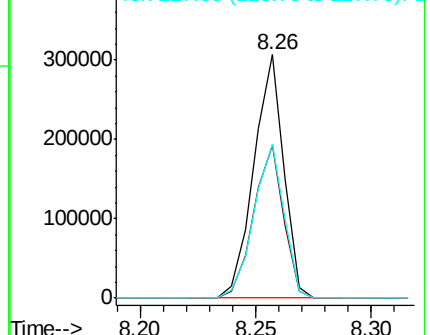
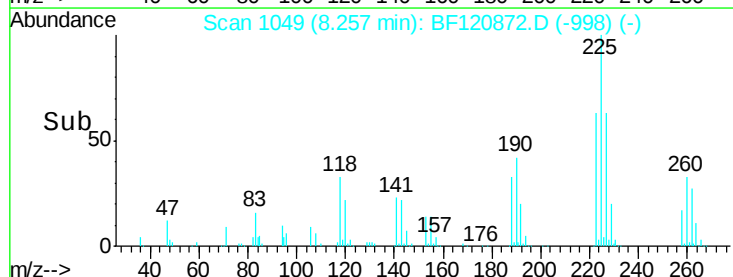
227 63.2 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

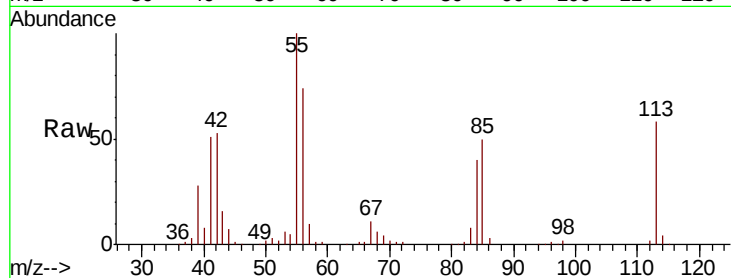




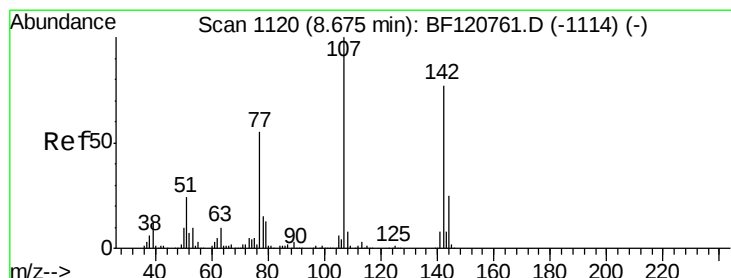
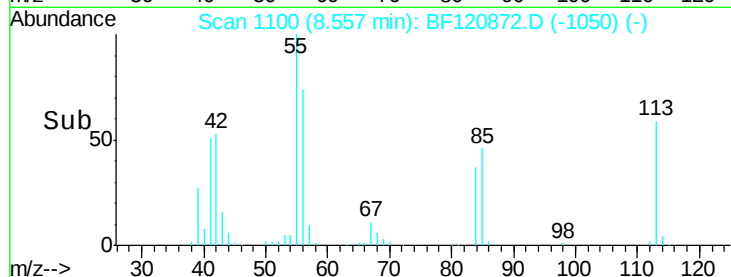
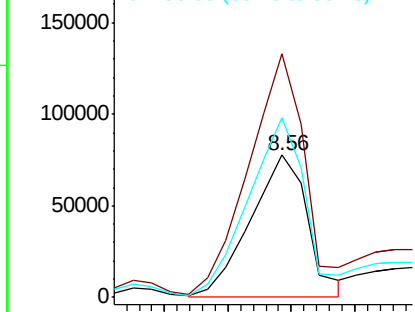
#35
Caprolactam
Concen: 30.098 ng
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:113 Resp: 97349
Ion Ratio Lower Upper
113 100
55 171.4 168.3 208.3
56 126.8 118.8 158.8

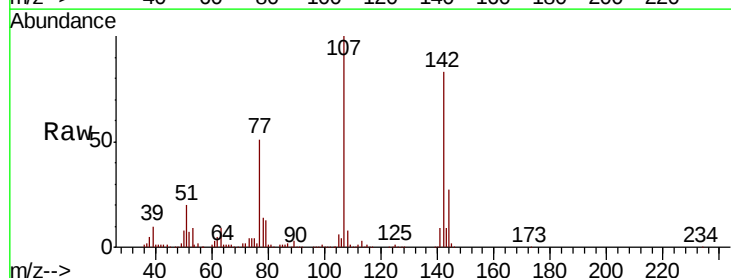


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

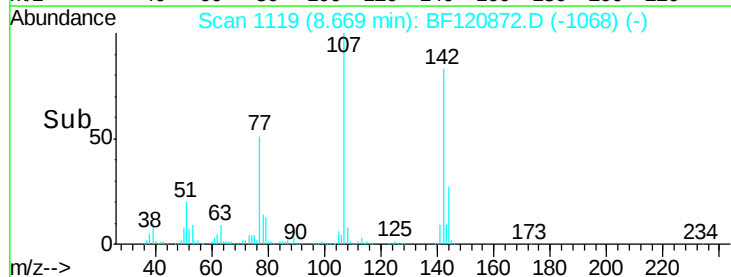
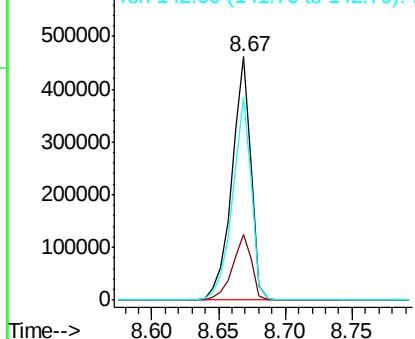


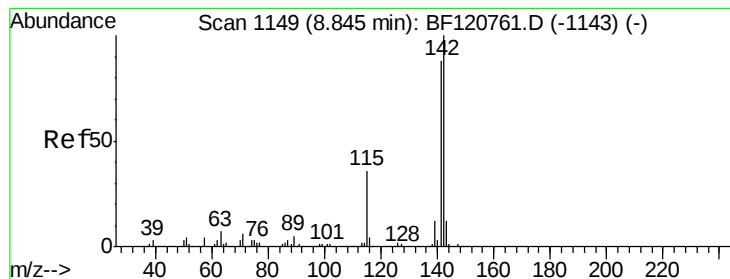
#36
4-Chloro-3-methylphenol
Concen: 40.186 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:107 Resp: 464017
Ion Ratio Lower Upper
107 100
144 27.2 19.7 29.5
142 83.5 61.2 91.8



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.837 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

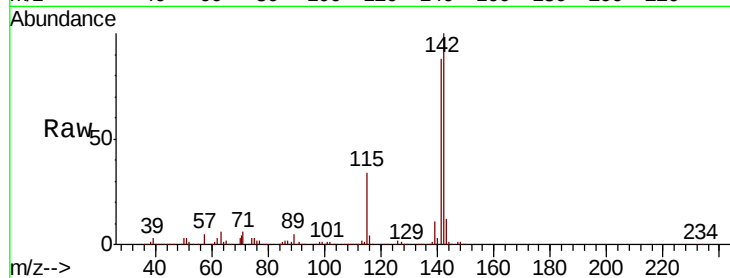
Tot Ion:142 Resp: 1009658

Ion Ratio Lower Upper

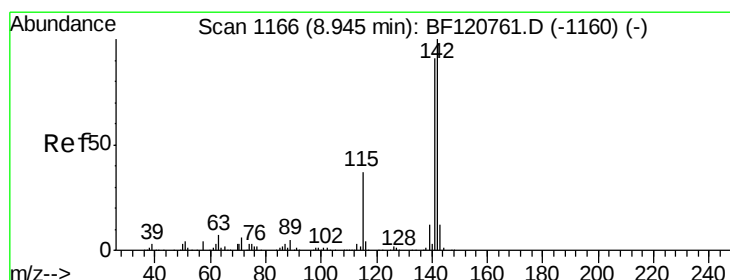
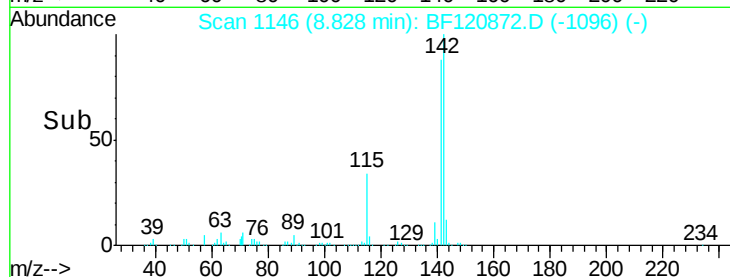
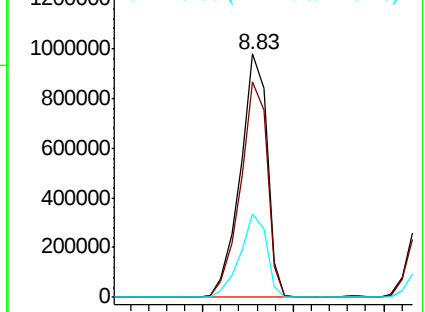
142 100

141 88.4 70.2 105.4

115 34.2 29.0 43.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.757 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

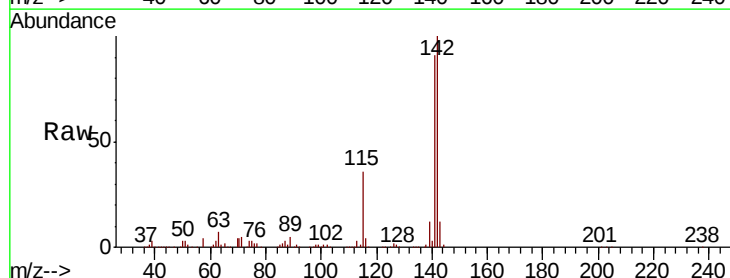
Tgt Ion:142 Resp: 968162

Ion Ratio Lower Upper

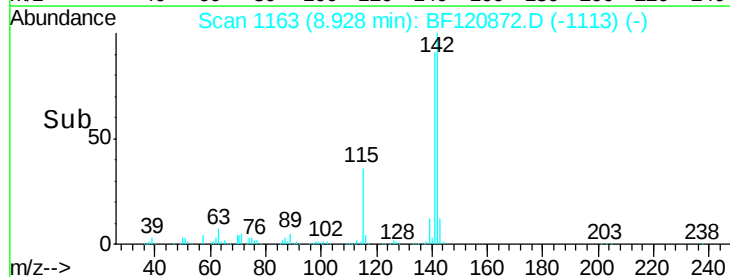
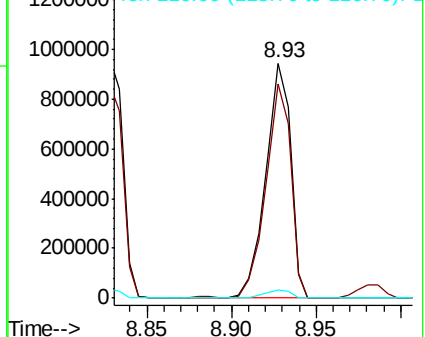
142 100

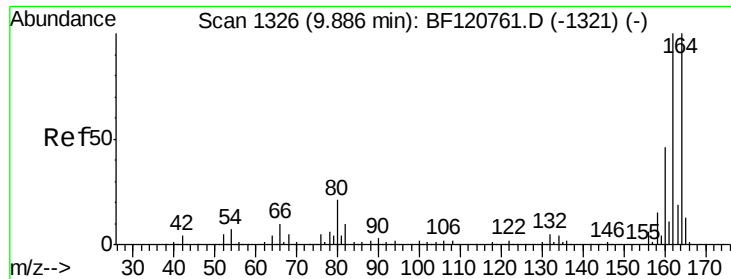
141 91.0 72.5 108.7

116 3.6 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

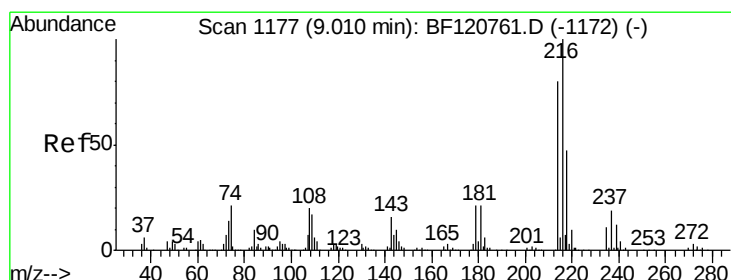
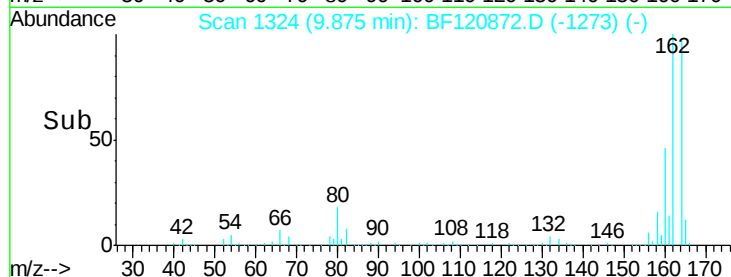
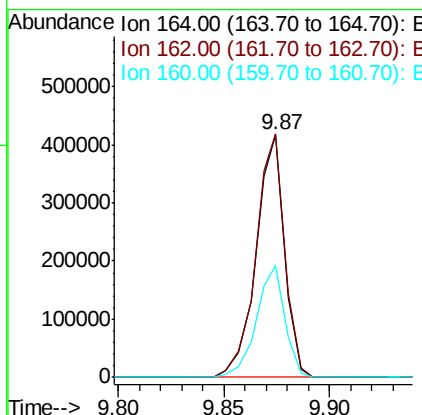
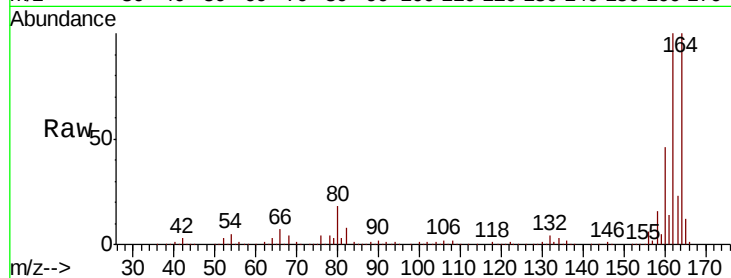




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

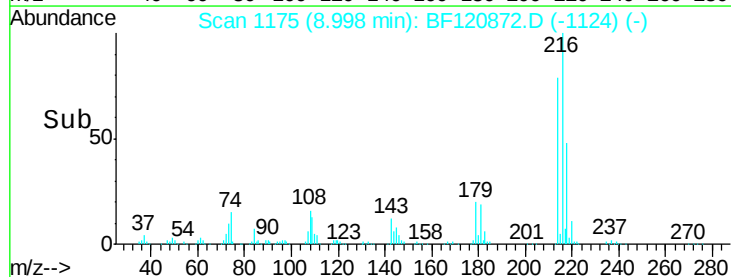
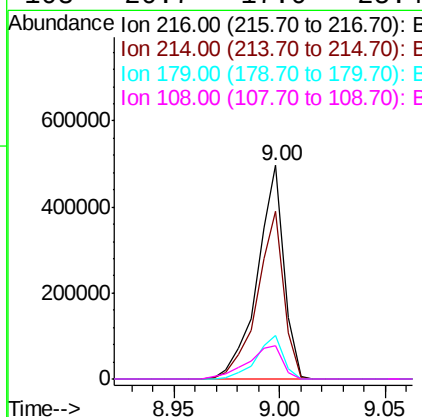
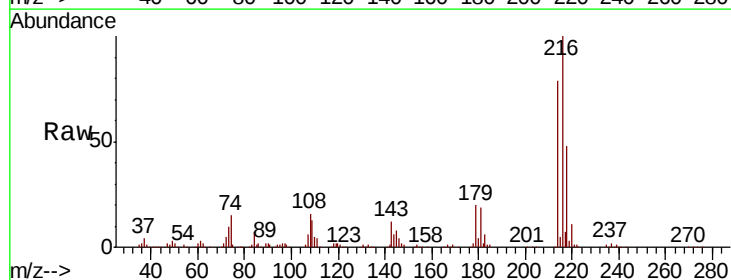
Instrument :
 BNA_F
 ClientSampled :
 IRON-1MS

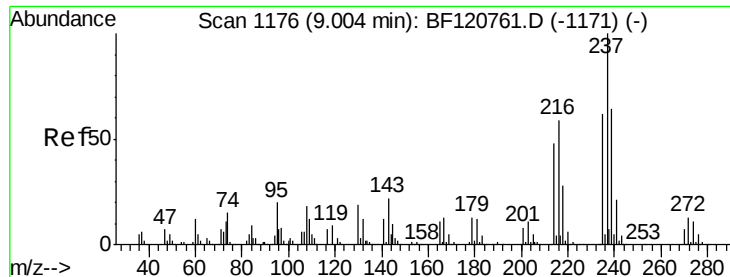
Tot Ion:164 Resp: 387633
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.2 120.2
 160 46.3 36.9 55.3



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.094 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:216 Resp: 434564
 Ion Ratio Lower Upper
 216 100
 214 78.5 63.7 95.5
 179 20.7 16.7 25.1
 108 20.7 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 70.905 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

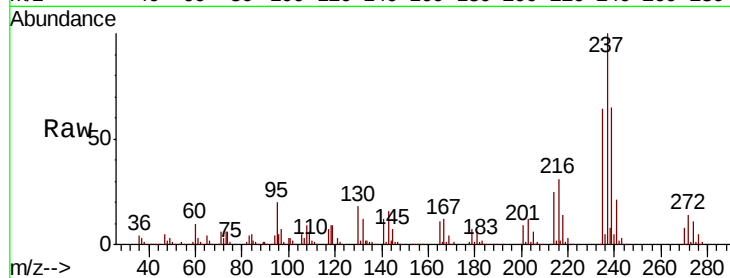
Tot Ion:237 Resp: 490787

Ion Ratio Lower Upper

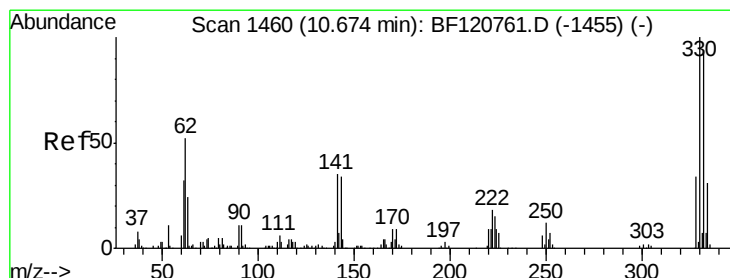
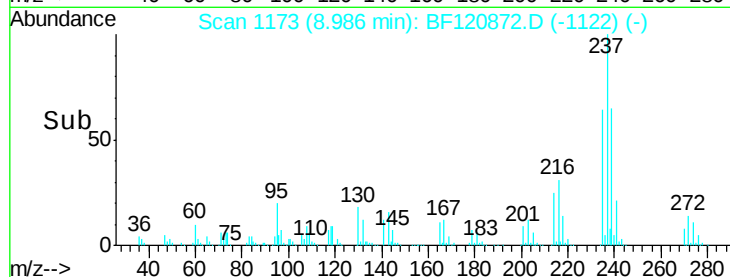
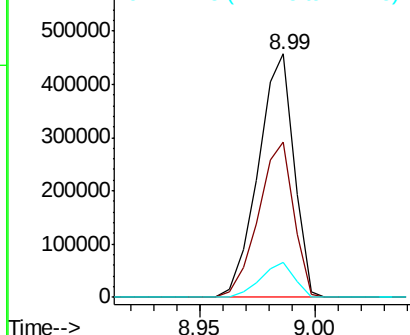
237 100

235 63.7 42.1 82.1

272 14.1 0.0 33.4



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: 77.157 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

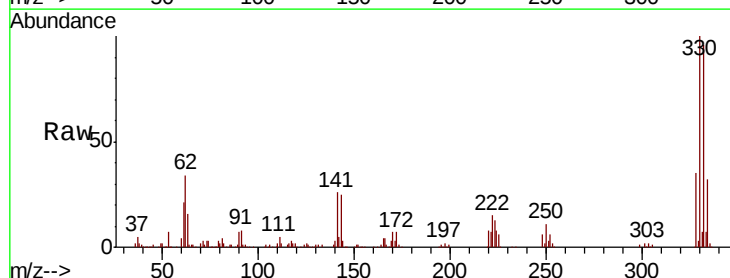
Tgt Ion:330 Resp: 300476

Ion Ratio Lower Upper

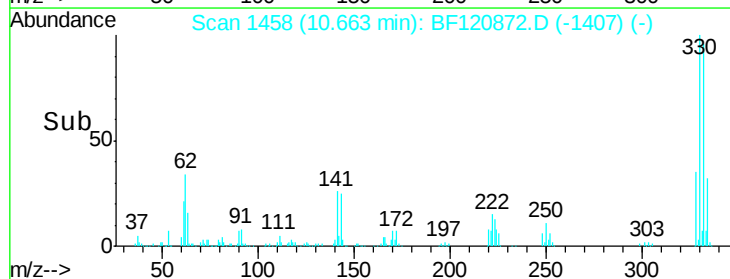
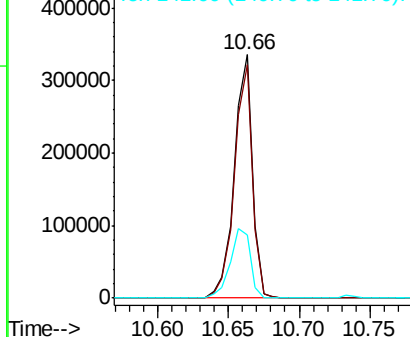
330 100

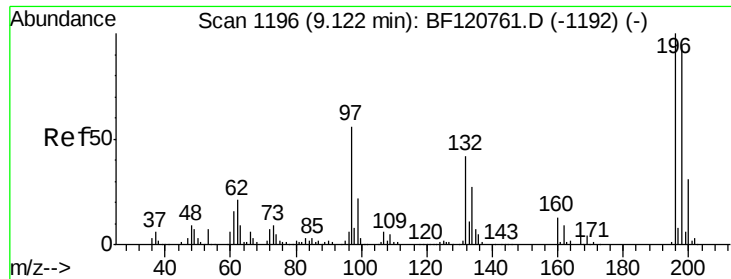
332 95.4 75.8 113.6

141 32.0 29.7 44.5



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

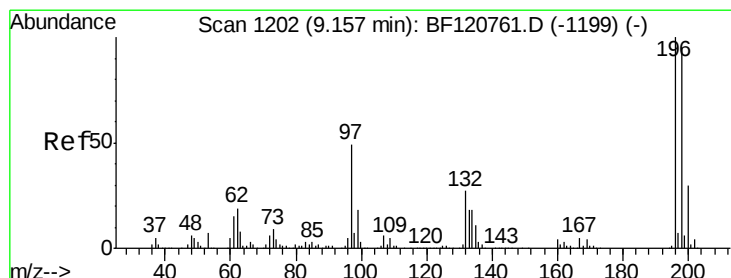
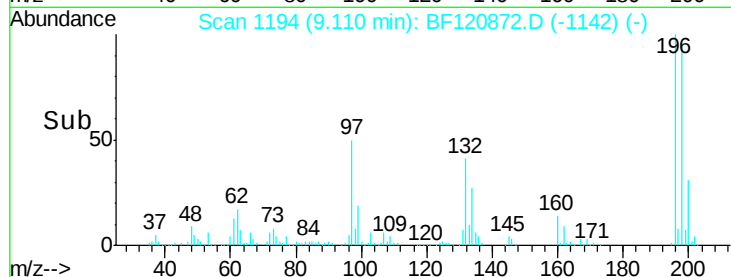
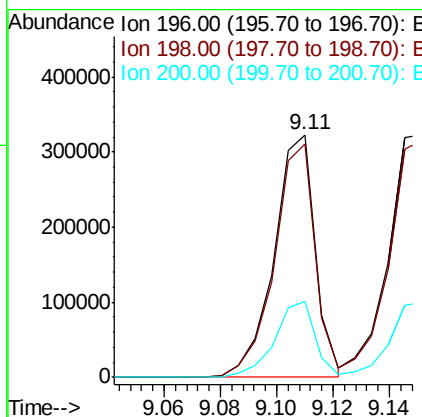
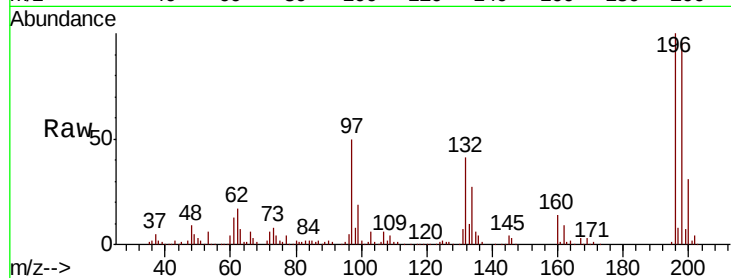




#43
 2,4,6-Trichlorophenol
 Concen: 40.864 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

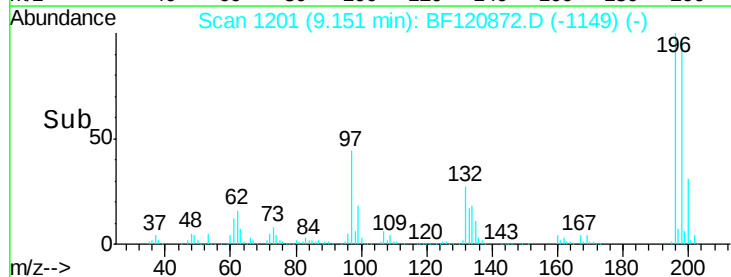
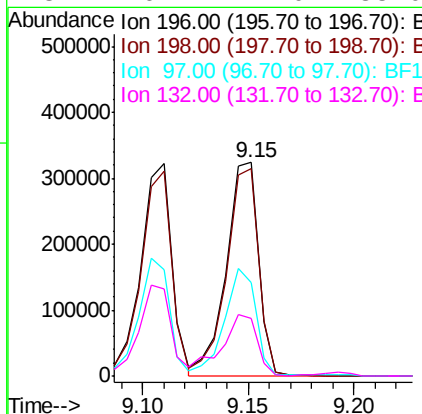
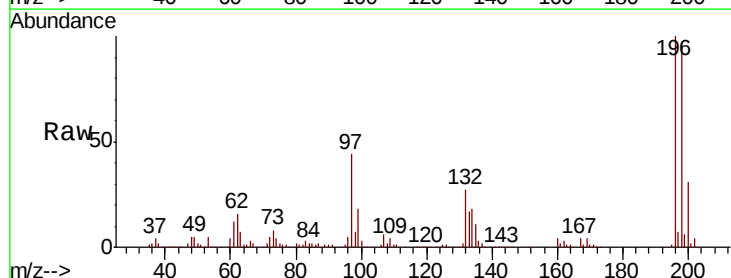
Instrument :
 BNA_F
 ClientSampled :
 IRON-1MS

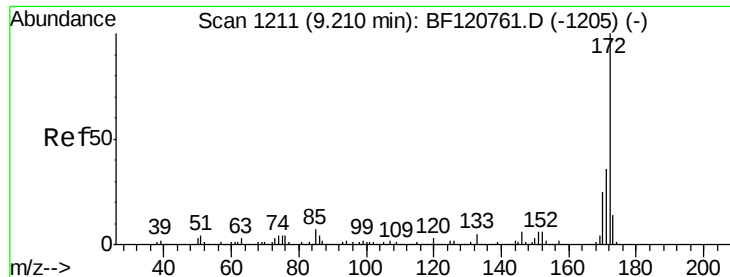
Tot Ion:196 Resp: 326215
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.3 112.9
 200 31.2 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.597 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:196 Resp: 341943
 Ion Ratio Lower Upper
 196 100
 198 97.1 76.2 114.2
 97 43.8 39.6 59.4
 132 26.7 22.0 33.0

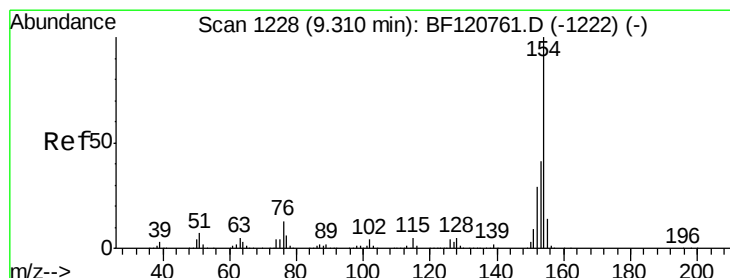
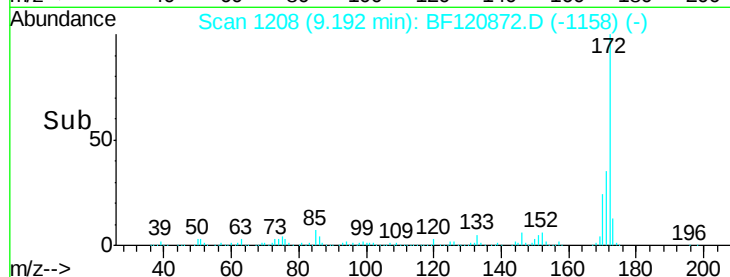
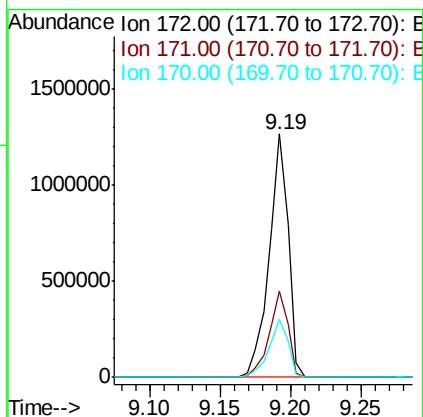
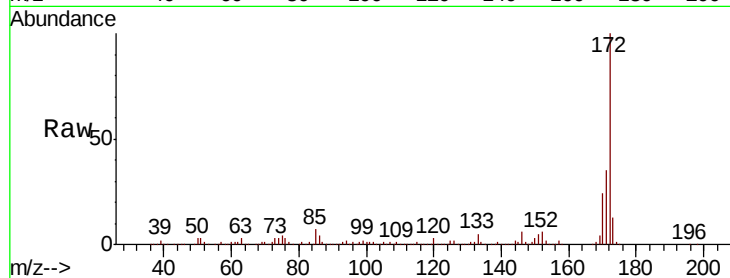




#45
2-Fluorobiphenyl
Concen: 47.151 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

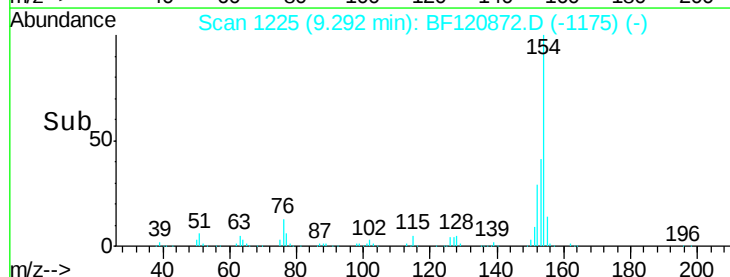
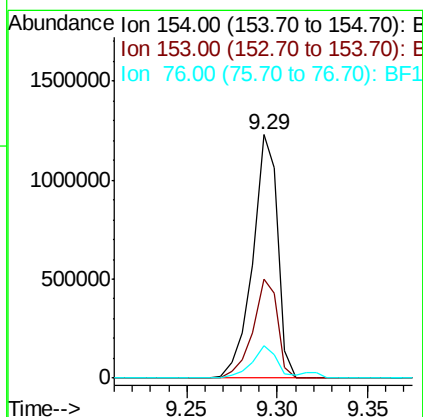
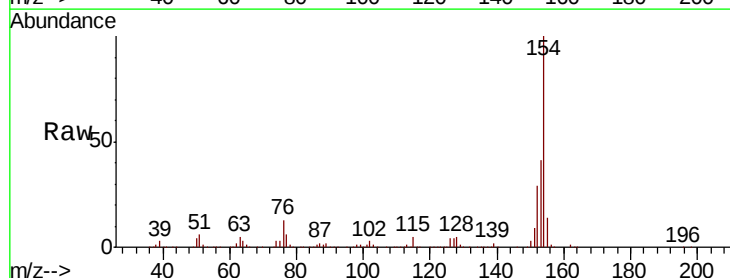
Instrument :
BNA_F
ClientSampleId :
IRON-1MS

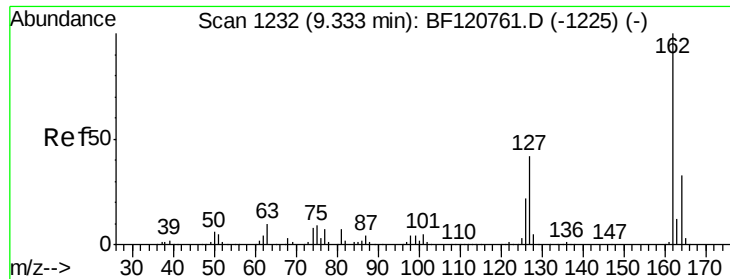
Tot Ion:172 Resp: 1208053
Ion Ratio Lower Upper
172 100
171 35.3 29.1 43.7
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 37.477 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:154 Resp: 1171828
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 13.1 0.0 33.3

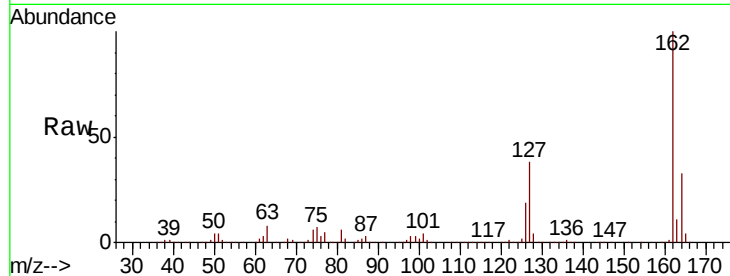




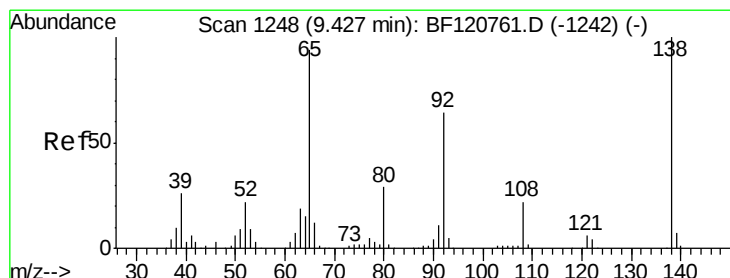
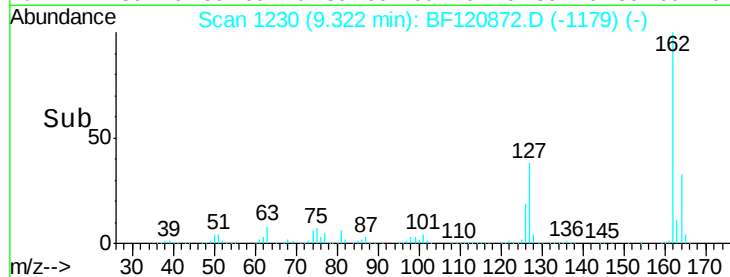
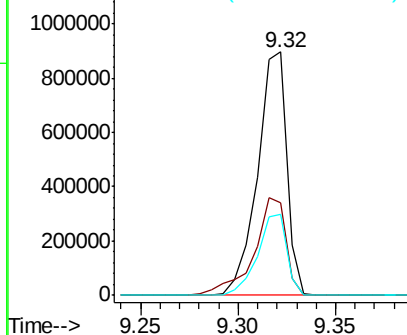
#47
 2-Chloronaphthalene
 Concen: 37.324 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

Tot Ion:162 Resp: 934937
 Ion Ratio Lower Upper
 162 100
 127 38.2 33.7 50.5
 164 33.2 26.4 39.6

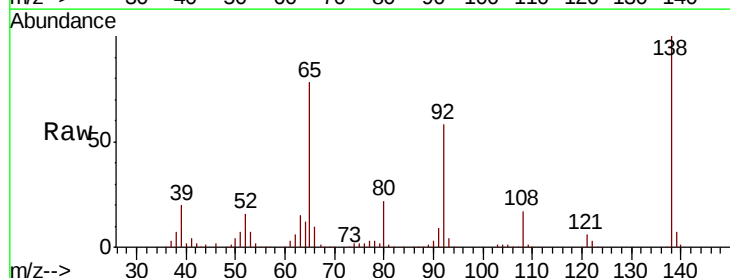


Abundance Ion 162.00 (161.70 to 162.70): E
 1200000 Ion 127.00 (126.70 to 127.70): E
 1000000 Ion 164.00 (163.70 to 164.70): E

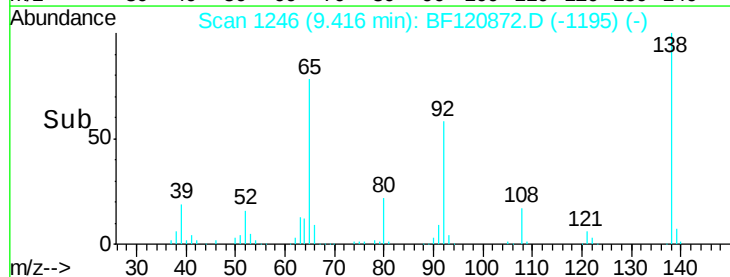
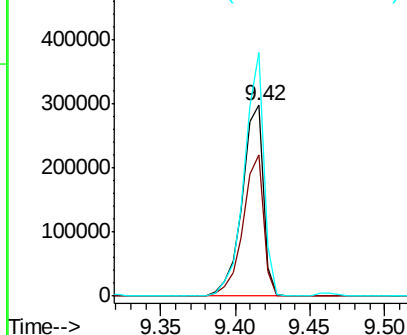


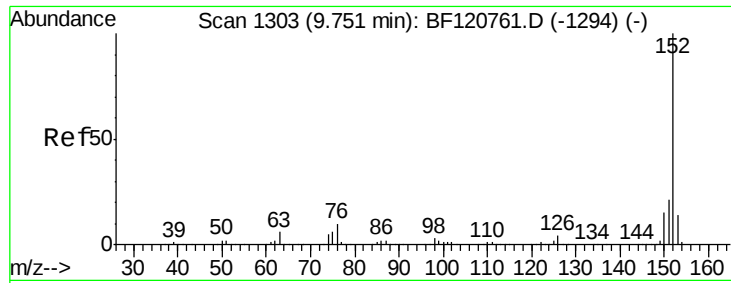
#48
 2-Nitroaniline
 Concen: 39.856 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion: 65 Resp: 295415
 Ion Ratio Lower Upper
 65 100
 92 73.8 54.4 81.6
 138 127.6 84.7 127.1#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 500000 Ion 92.00 (91.70 to 92.70): BF1
 400000 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.782 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

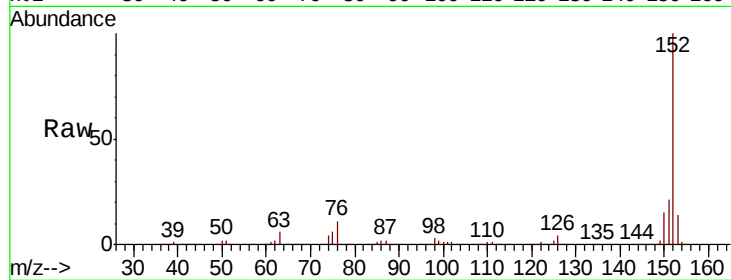
Tot Ion:152 Resp: 1483810

Ion Ratio Lower Upper

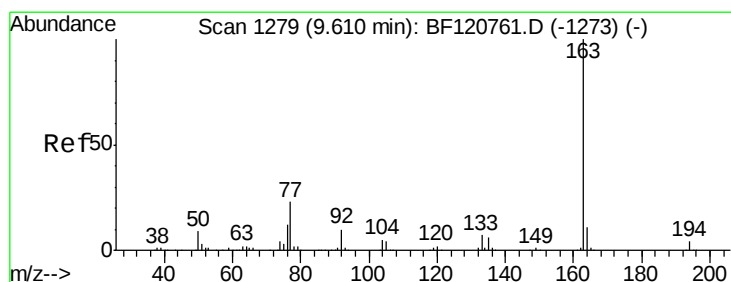
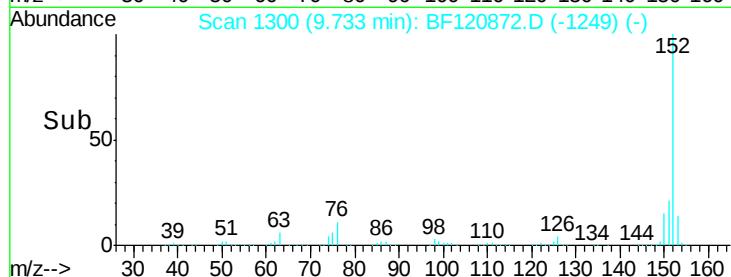
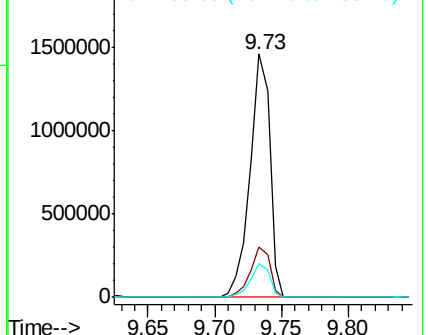
152 100

151 20.9 16.9 25.3

153 13.9 10.8 16.2



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



#50

Dimethylphthalate

Concen: 45.303 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

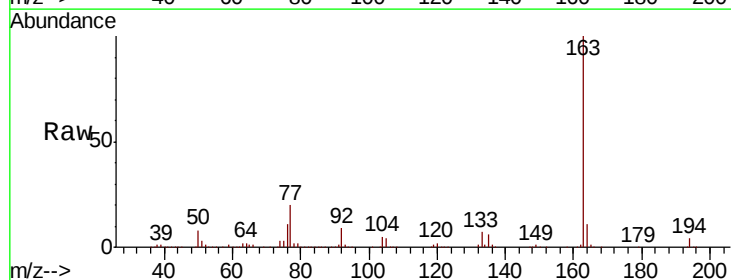
Tgt Ion:163 Resp: 1281041

Ion Ratio Lower Upper

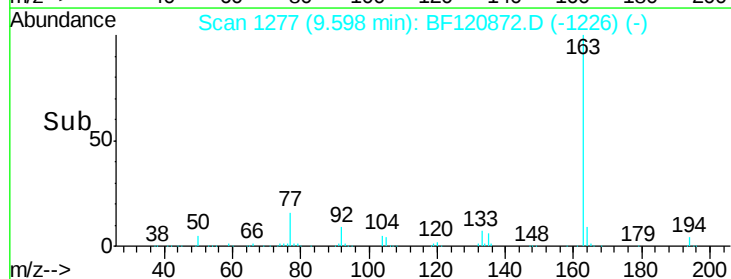
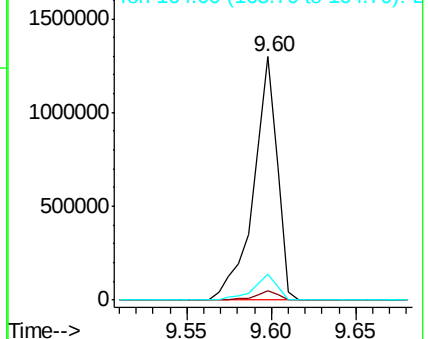
163 100

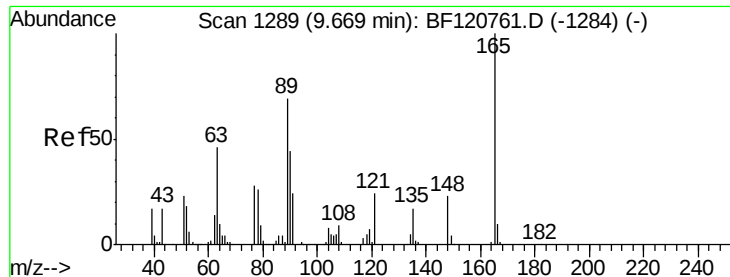
194 4.0 2.9 4.3

164 10.7 8.5 12.7



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

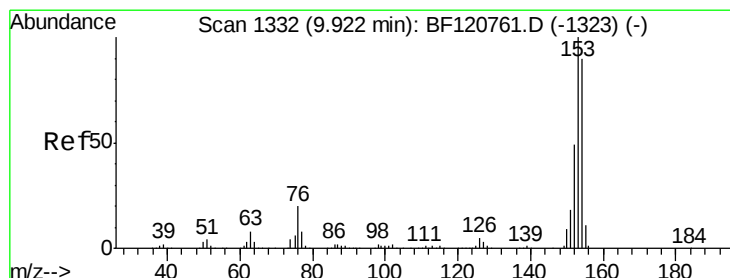
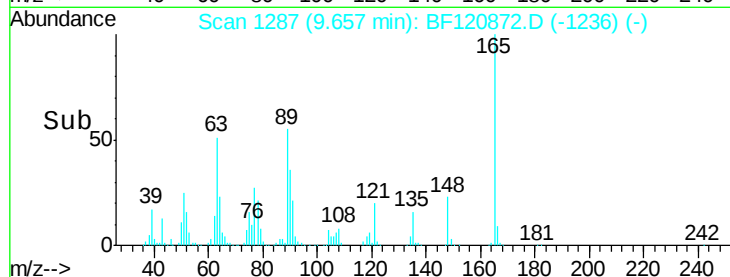
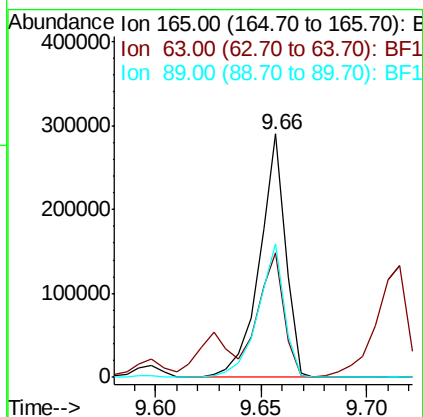
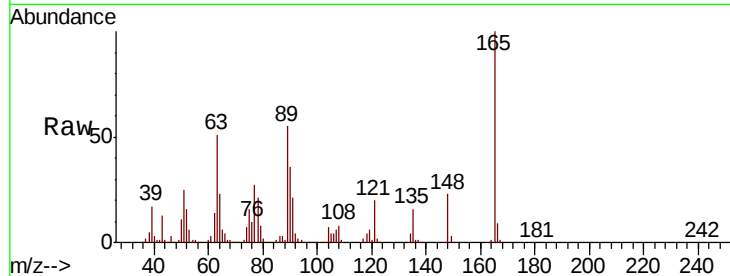




#51
 2,6-Dinitrotoluene
 Concen: 44.265 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

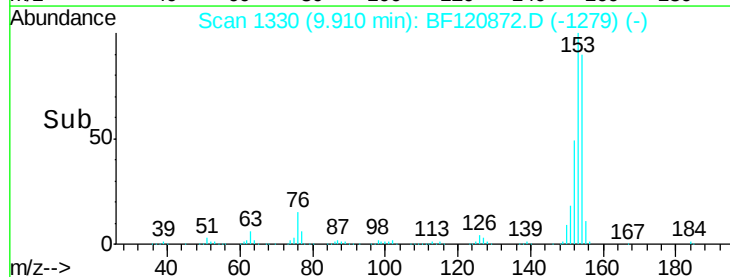
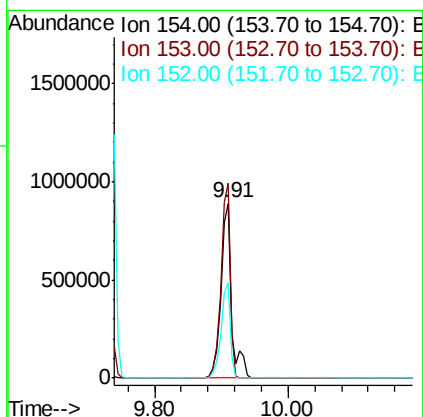
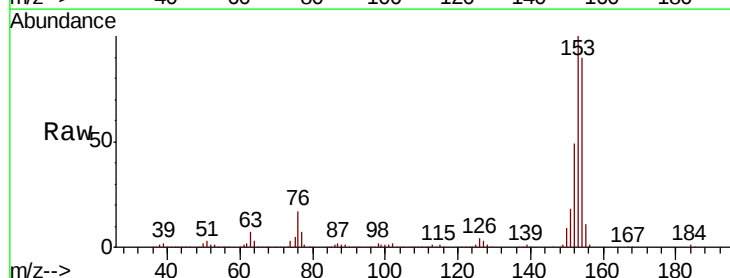
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

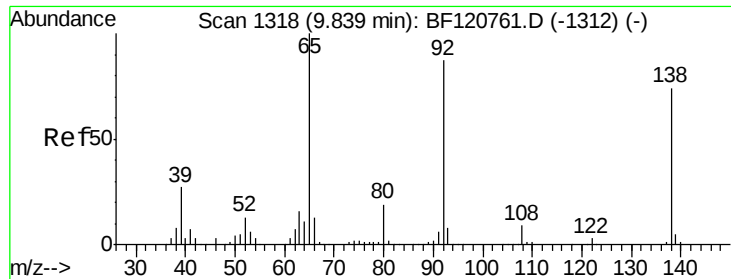
Tot Ion:165 Resp: 247716
 Ion Ratio Lower Upper
 165 100
 63 51.4 54.0 81.0#
 89 54.9 55.4 83.2#



#52
 Acenaphthene
 Concen: 41.092 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:154 Resp: 1001153
 Ion Ratio Lower Upper
 154 100
 153 111.2 88.6 132.8
 152 54.4 43.6 65.4

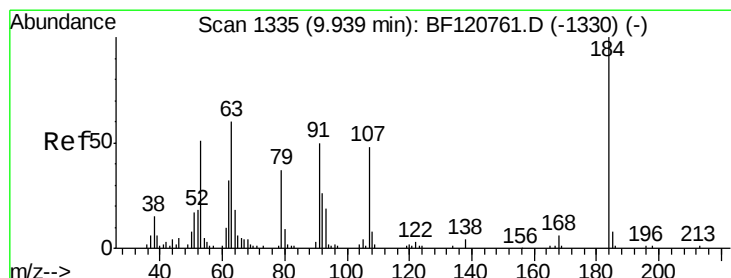
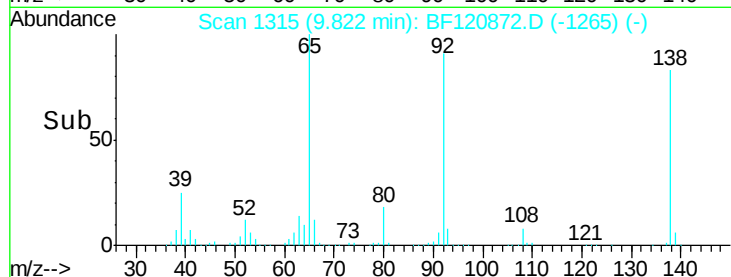
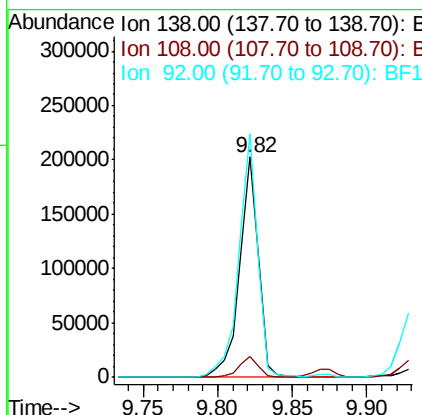
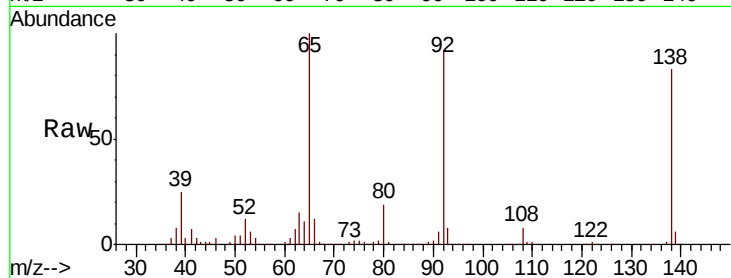




#53
3-Nitroaniline
Concen: 26.949 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

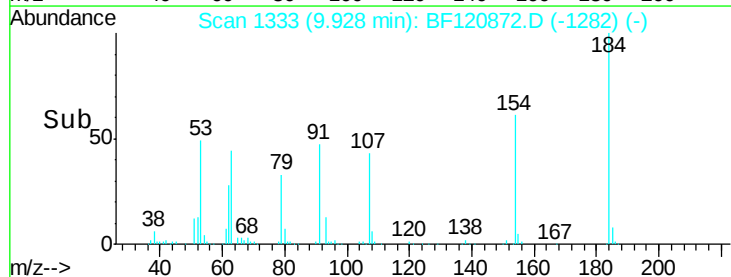
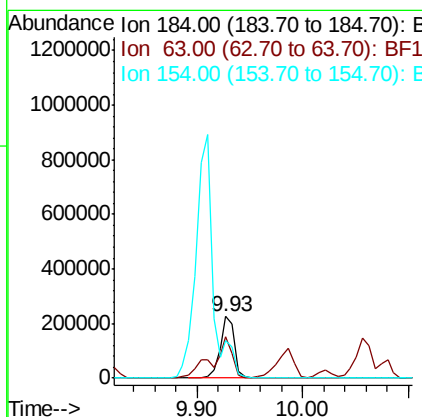
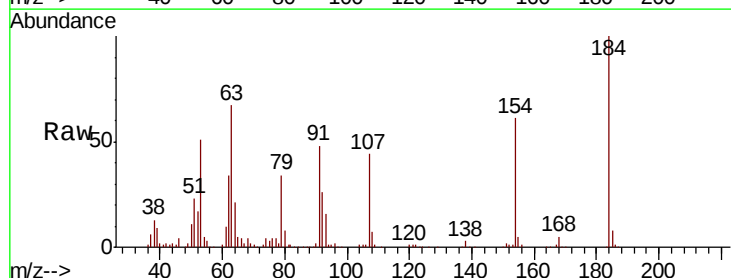
Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:138 Resp: 178903
Ion Ratio Lower Upper
138 100
108 9.7 9.8 14.6#
92 110.6 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 96.039 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:184 Resp: 217131
Ion Ratio Lower Upper
184 100
63 67.4 57.3 85.9
154 61.1 55.8 83.6

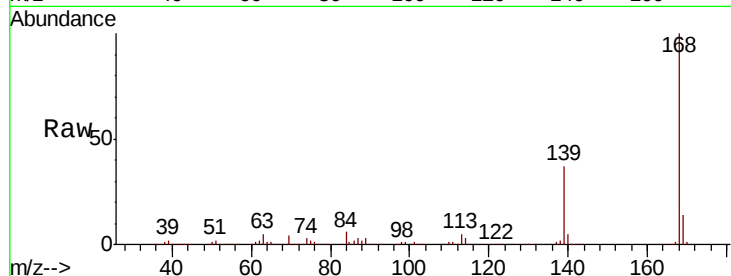




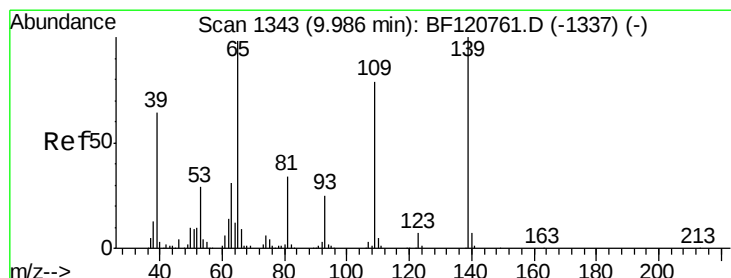
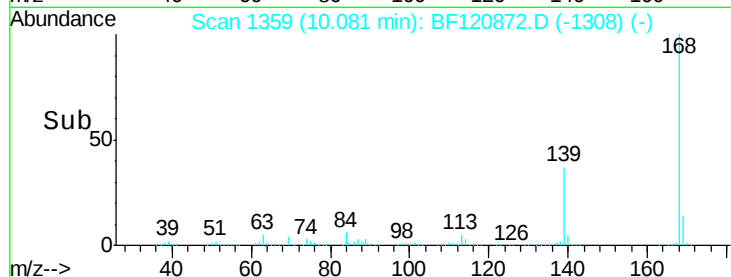
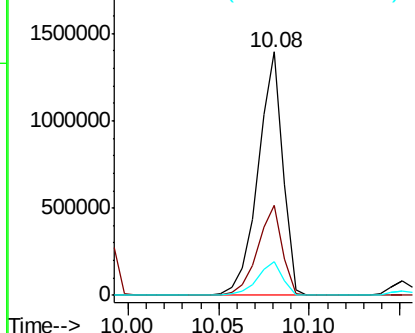
#55
Dibenzenofuran
Concen: 37.666 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:168 Resp: 1322784
Ion Ratio Lower Upper
168 100
139 37.0 31.3 46.9
169 13.9 11.2 16.8

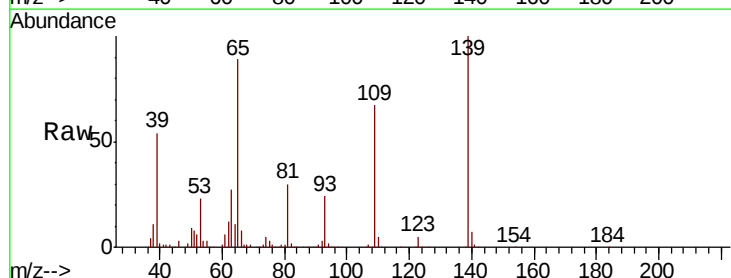


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

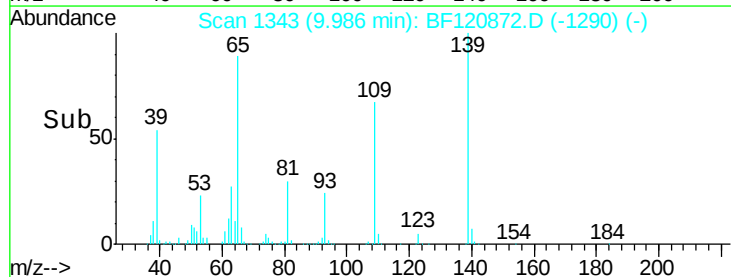
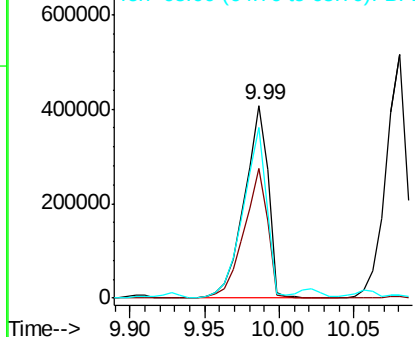


#56
4-Nitrophenol
Concen: 87.144 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:139 Resp: 452904
Ion Ratio Lower Upper
139 100
109 67.4 58.6 98.6
65 88.6 78.7 118.7



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: 47.474 ng

RT: 10.06 min Scan# 1356

Delta R.T. 0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

Tot Ion:165 Resp: 332074

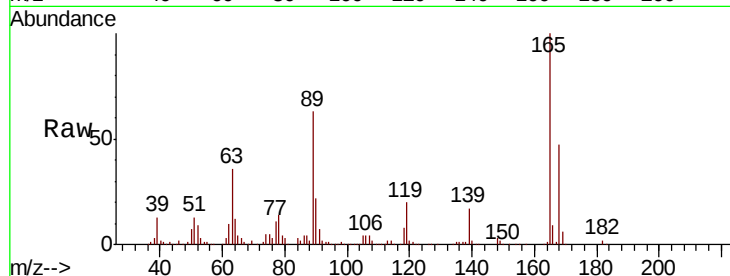
Ion Ratio Lower Upper

165 100

63 36.2 43.8 65.8#

89 63.0 71.4 107.2#

182 2.5 1.8 2.6

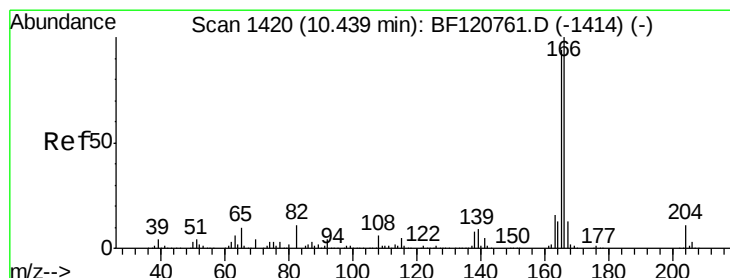
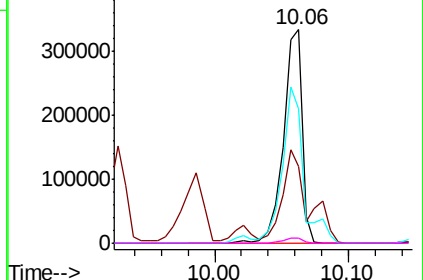
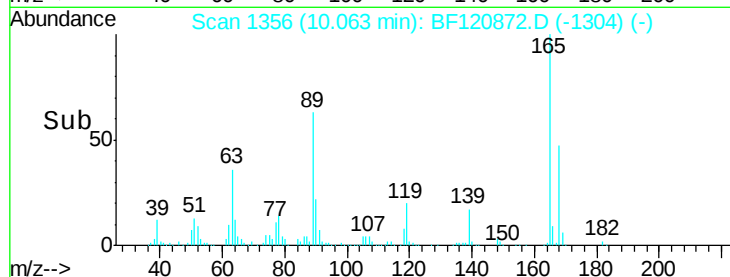


Abundance Ion 165.00 (164.70 to 165.70): E

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: 36.104 ng

RT: 10.42 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

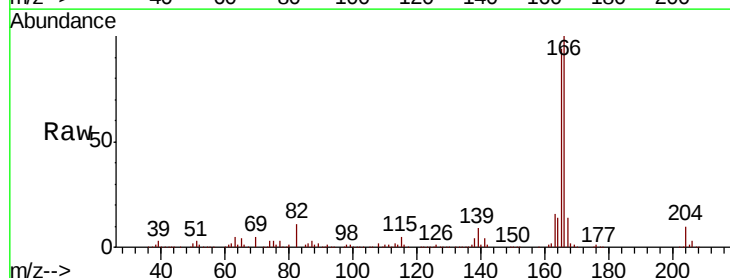
Tgt Ion:166 Resp: 943772

Ion Ratio Lower Upper

166 100

165 94.1 75.5 113.3

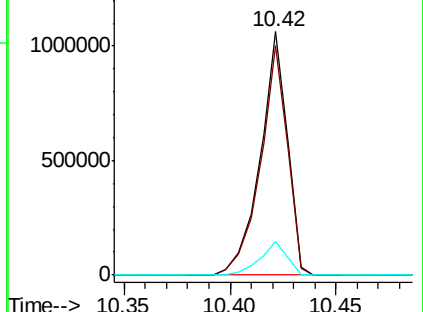
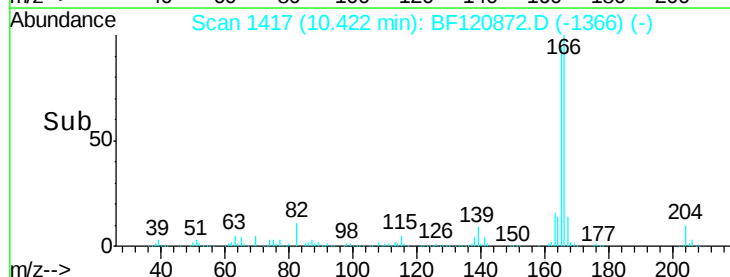
167 13.7 10.6 16.0



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

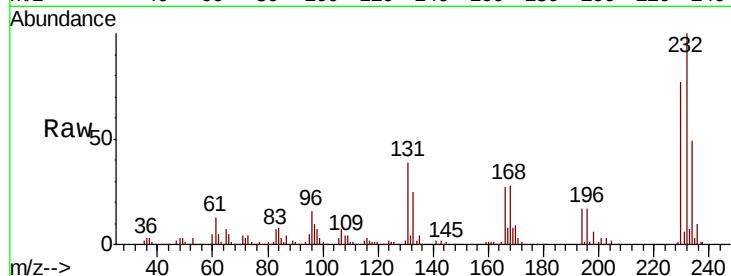




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.956 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	36.3	54.5
130	2.3	2.0	3.0
166	30.0	20.9	31.3



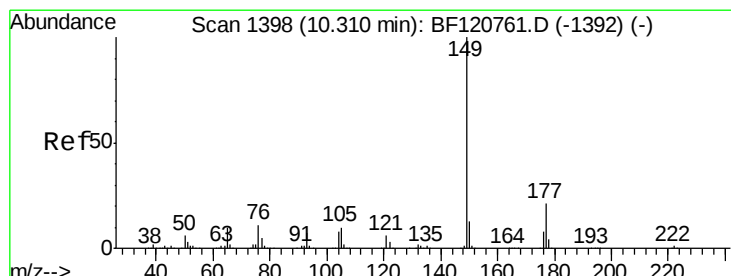
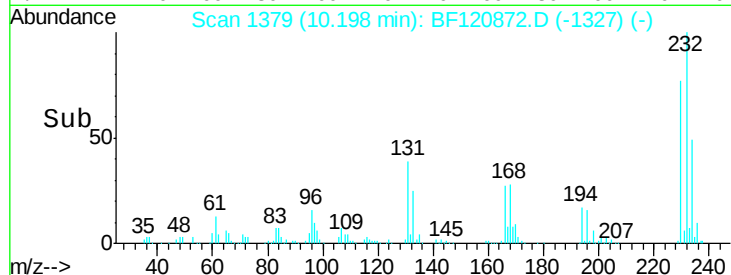
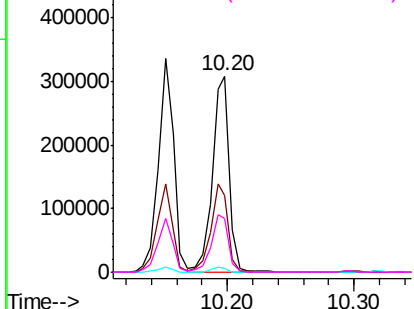
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

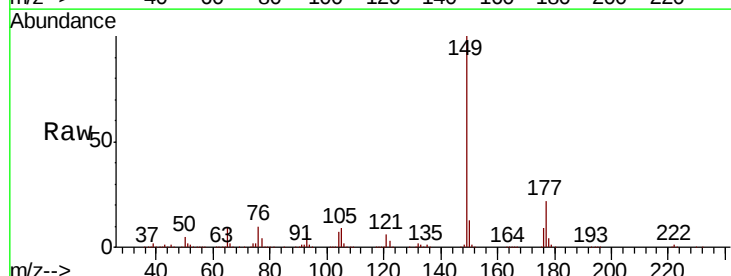
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 36.711 ng
RT: 10.30 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.4	24.6
150	12.6	10.2	15.4

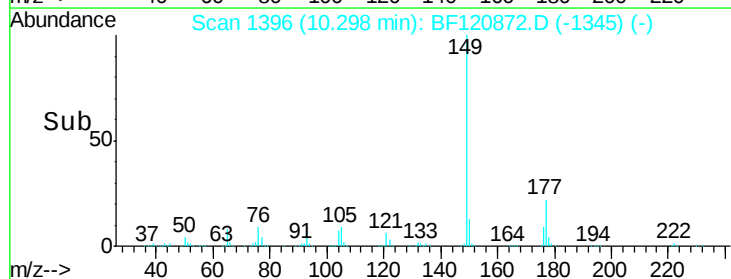
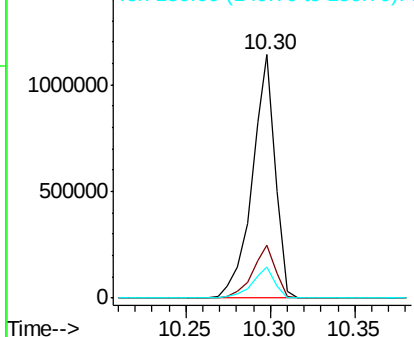


Abundance

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

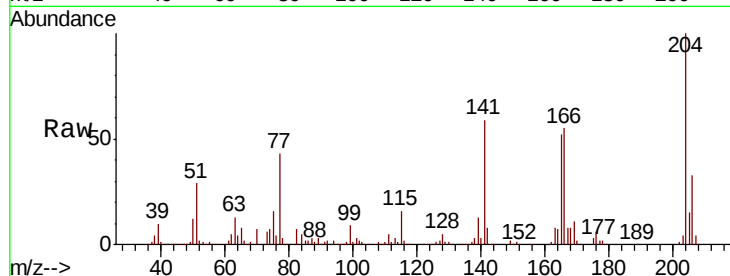




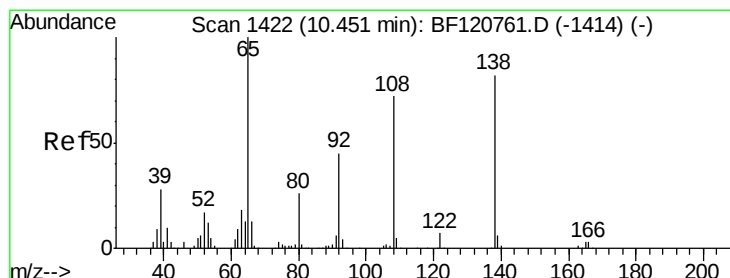
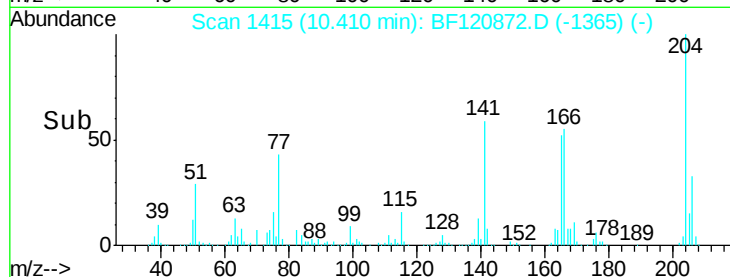
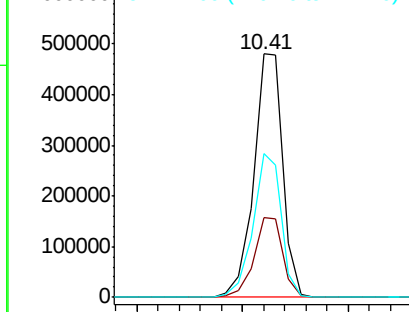
#61
4-Chlorophenyl-phenylether
Concen: 34.825 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:204 Resp: 457630
Ion Ratio Lower Upper
204 100
206 32.7 26.7 40.1
141 58.9 48.5 72.7

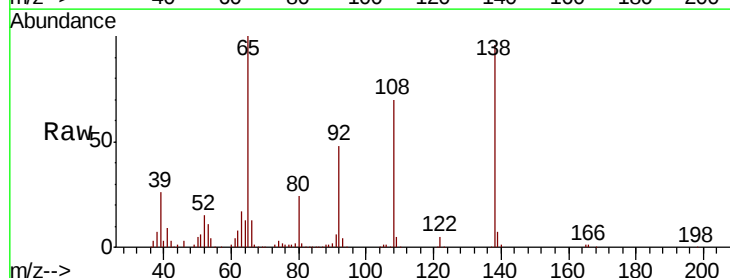


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

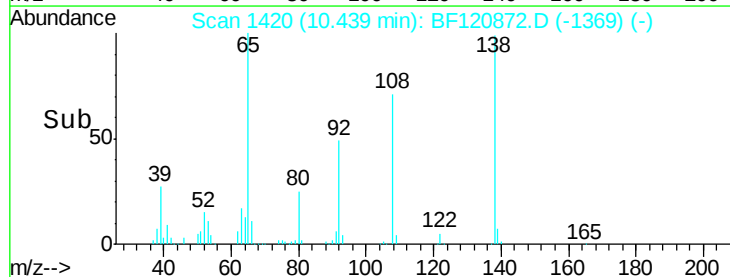
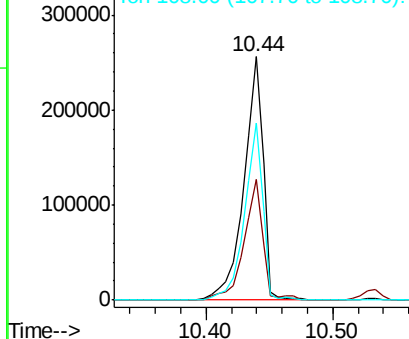


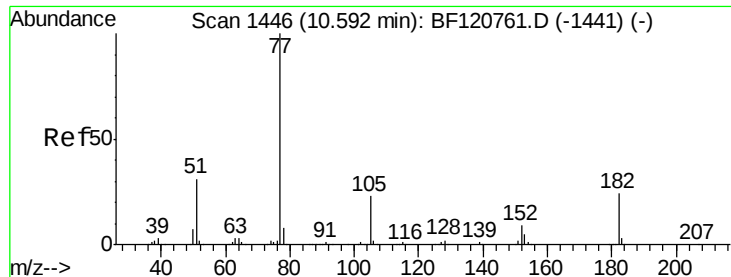
#62
4-Nitroaniline
Concen: 44.757 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:138 Resp: 268899
Ion Ratio Lower Upper
138 100
92 49.4 34.3 74.3
108 72.9 68.3 108.3



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

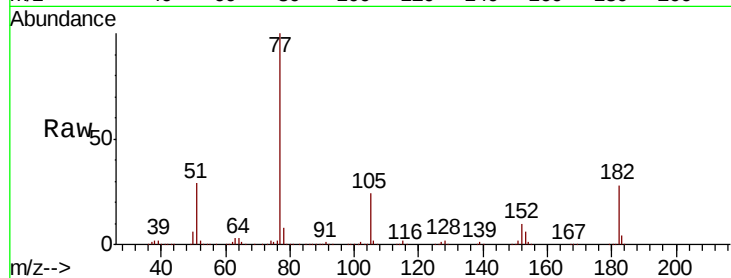




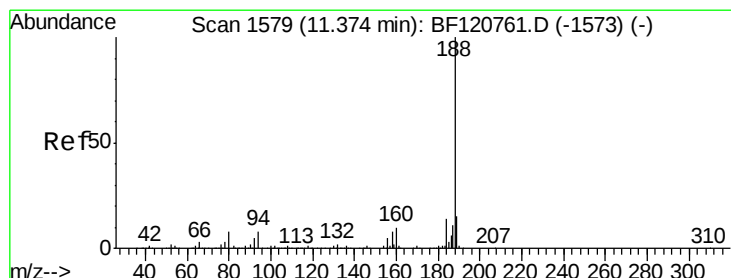
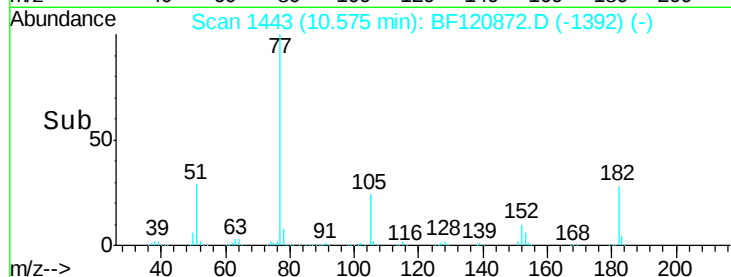
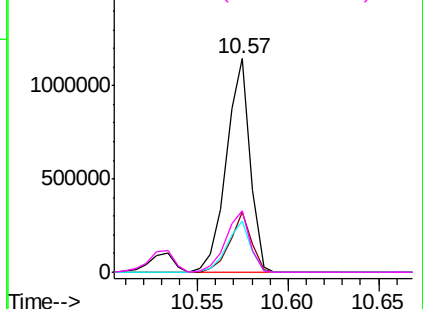
#63
Azobenzene
Concen: 34.503 ng
RT: 10.57 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion: 77 Resp: 1039658
Ion Ratio Lower Upper
77 100
182 27.9 4.0 44.0
105 24.2 2.6 42.6
51 28.9 11.5 51.5

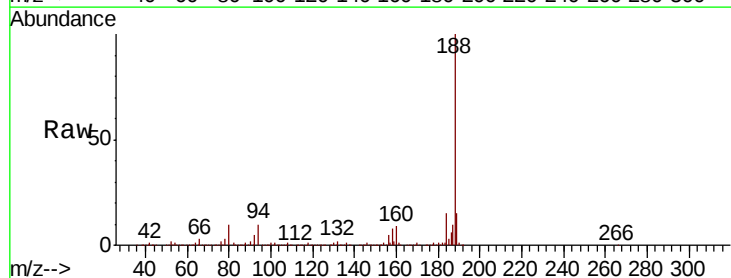


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

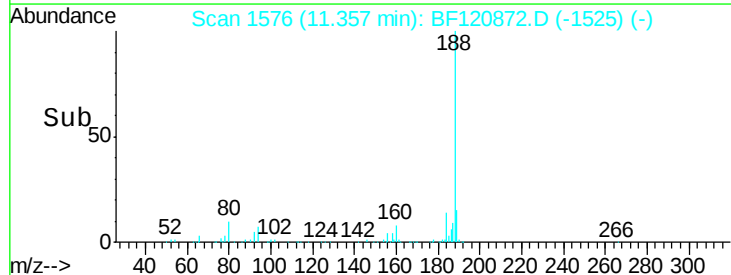
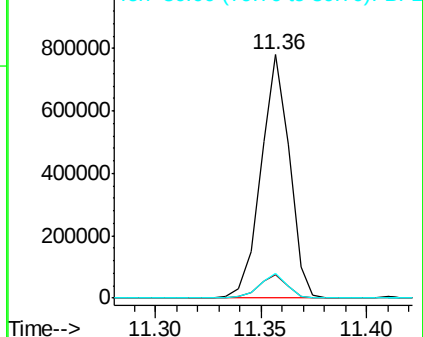


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion: 188 Resp: 731572
Ion Ratio Lower Upper
188 100
94 9.6 6.6 9.8
80 9.9 6.6 10.0



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

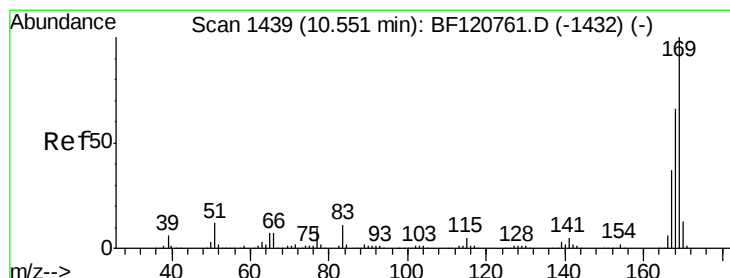
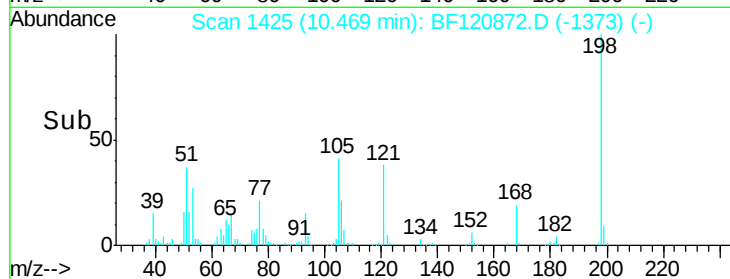
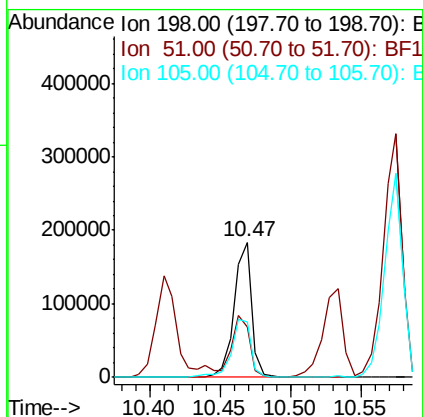
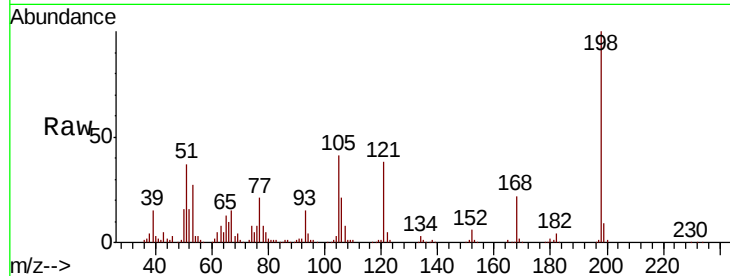




#65
 4,6-Dinitro-2-methylphenol
 Concen: 51.264 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

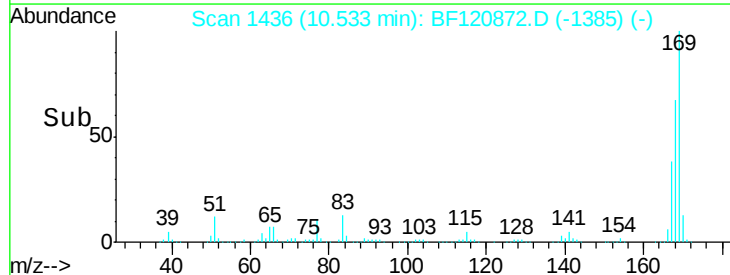
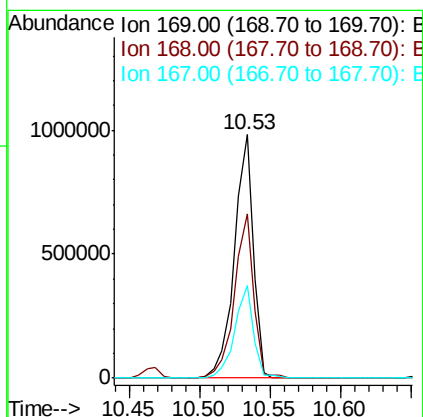
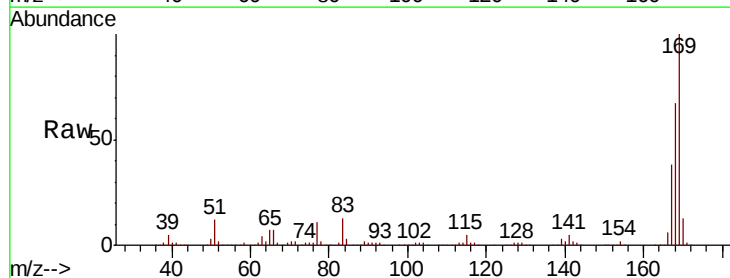
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

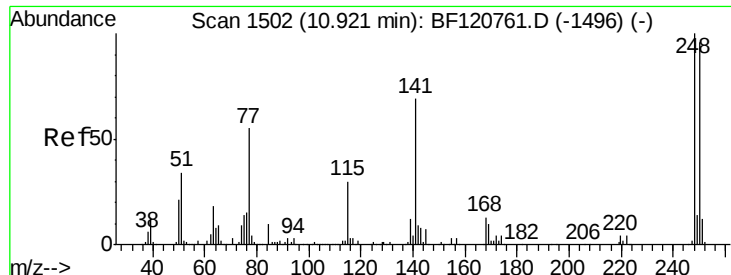
Tot Ion:198 Resp: 159426
 Ion Ratio Lower Upper
 198 100
 51 36.9 50.0 90.0#
 105 40.7 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 37.370 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:169 Resp: 916336
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.1 79.7
 167 37.9 29.6 44.4

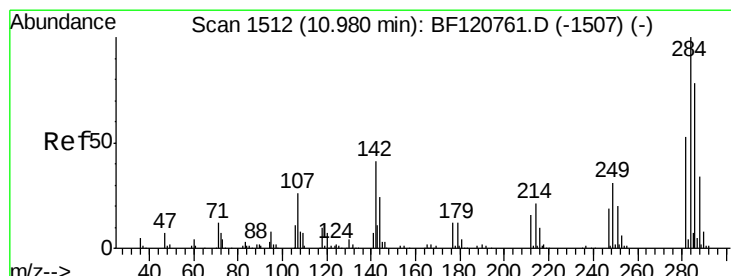
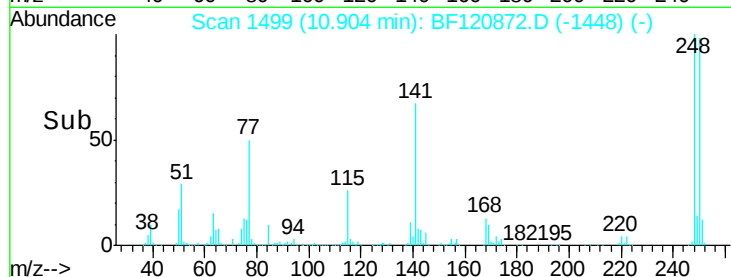
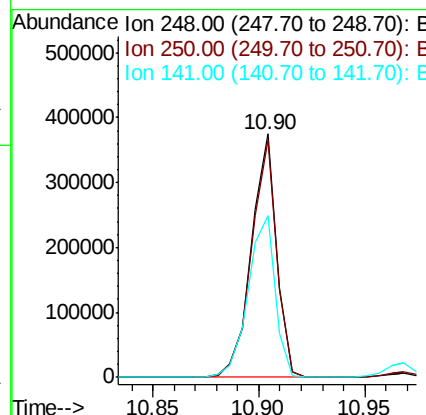
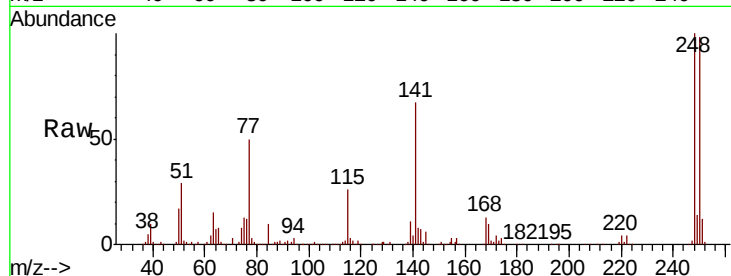




#67
4-Bromophenyl-phenylether
Concen: 36.638 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

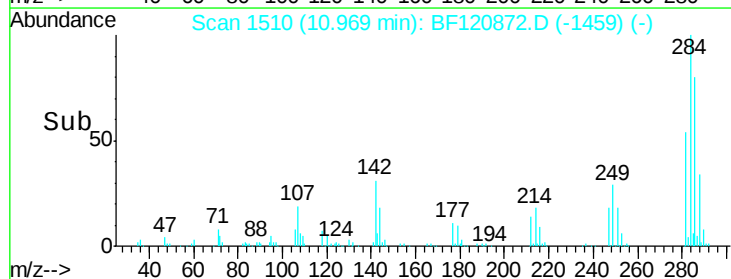
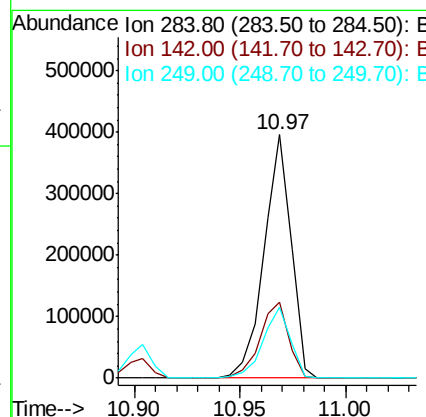
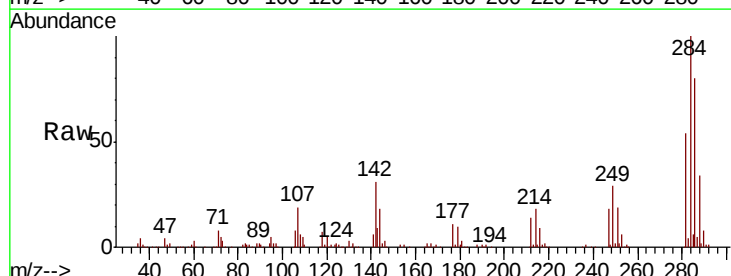
Instrument :
BNA_F
ClientSampleID :
IRON-1MS

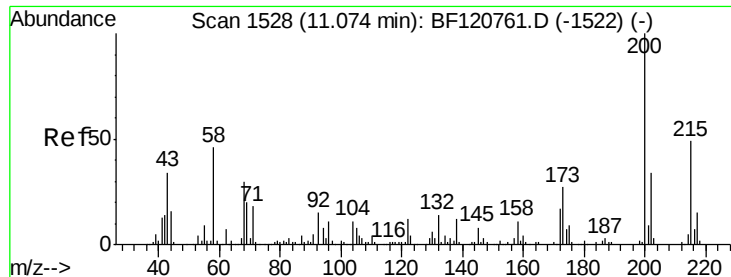
Tot Ion:248 Resp: 310918
Ion Ratio Lower Upper
248 100
250 97.7 76.5 114.7
141 66.6 54.9 82.3



#68
Hexachlorobenzene
Concen: 39.621 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:284 Resp: 352824
Ion Ratio Lower Upper
284 100
142 31.4 32.5 48.7#
249 29.3 24.8 37.2

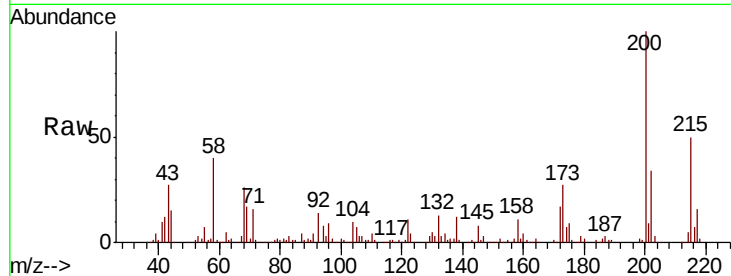




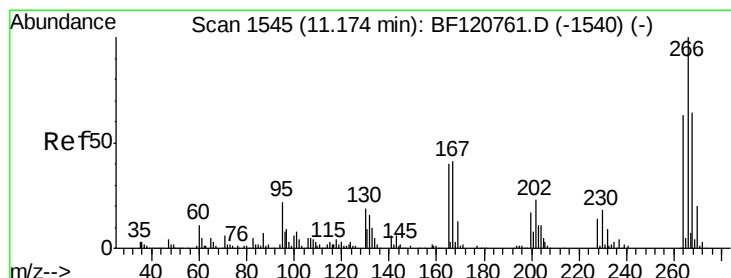
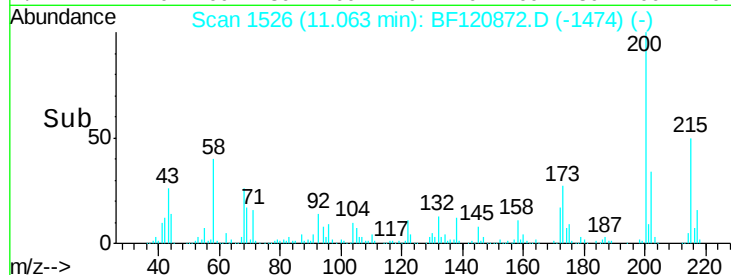
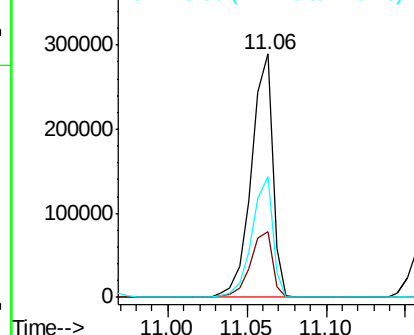
#69
Atrazine
Concen: 42.693 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.4	47.4
215	49.6	28.8	68.8

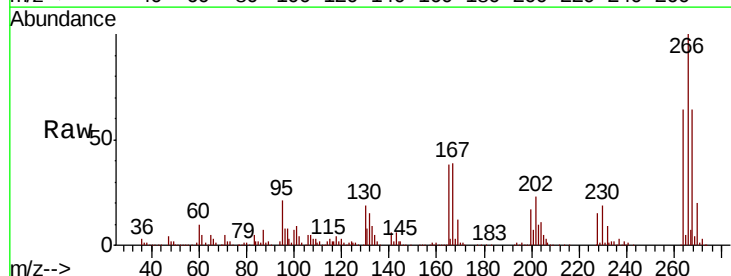


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

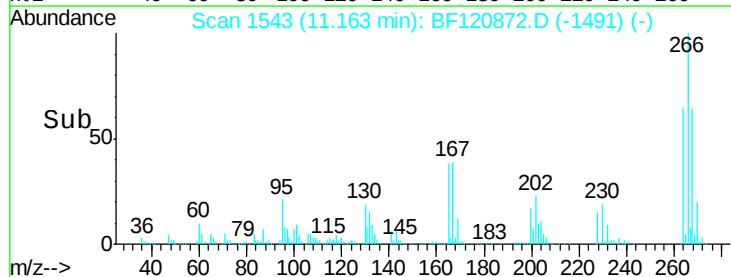
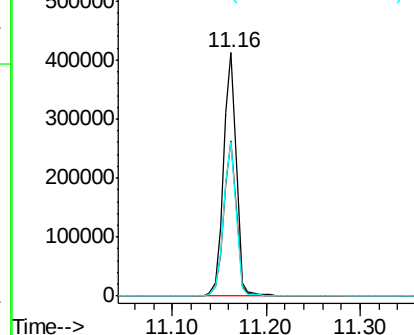


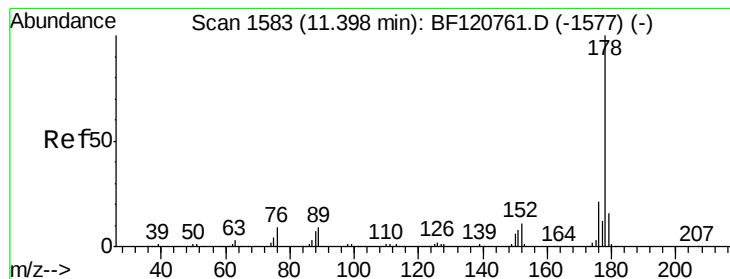
#70
Pentachlorophenol
Concen: 78.559 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.4	77.2
264	63.5	50.6	75.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.342 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

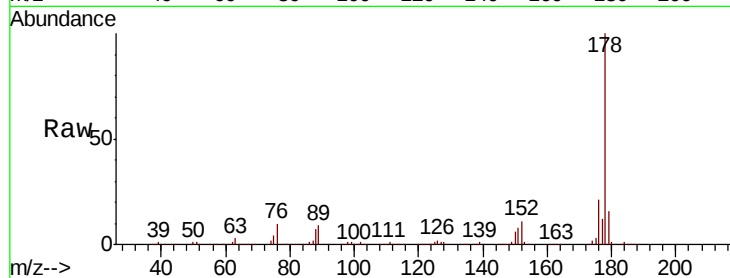
BNA_F

ClientSampleId :

IRON-1MS

Tot Ion:178 Resp: 1442564

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.4	24.6
179	16.2	12.9	19.3

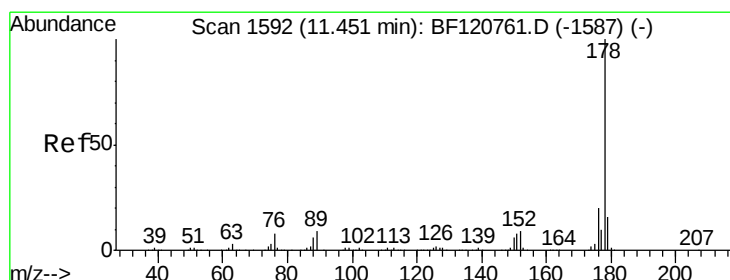
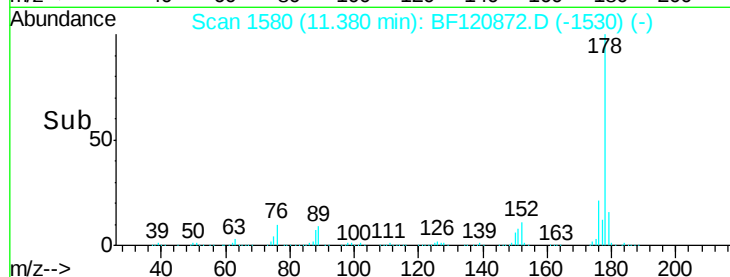
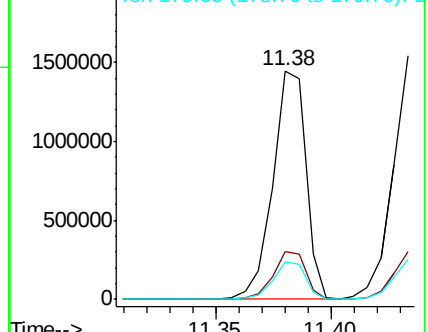


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.587 ng

RT: 11.43 min Scan# 1589

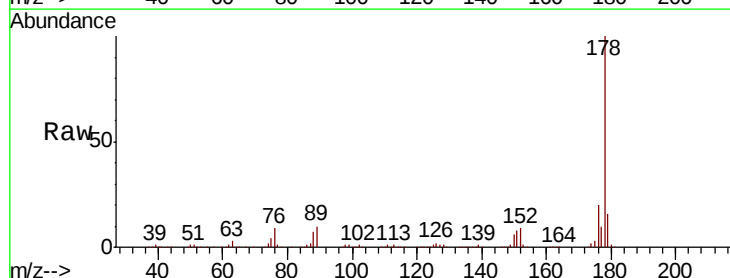
Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Tgt Ion:178 Resp: 1507675

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.2
179	16.4	12.7	19.1

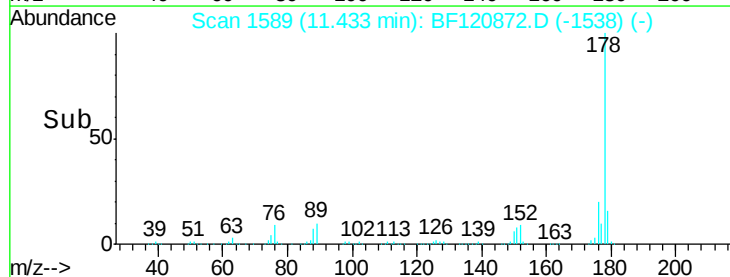
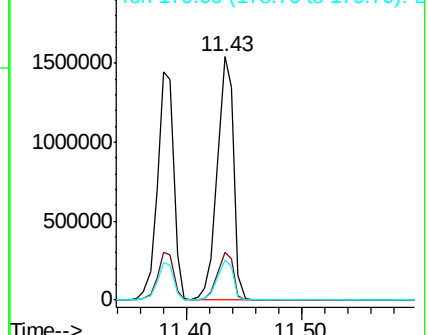


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

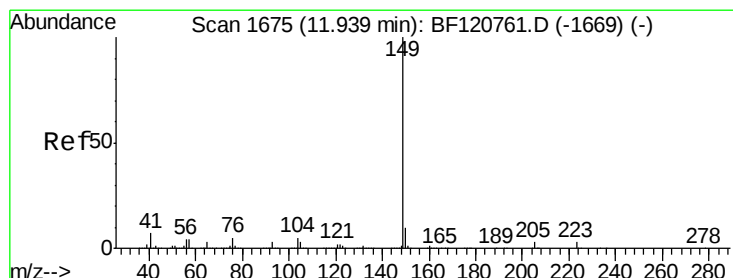
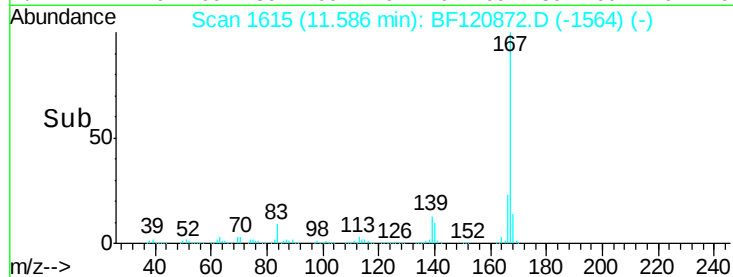
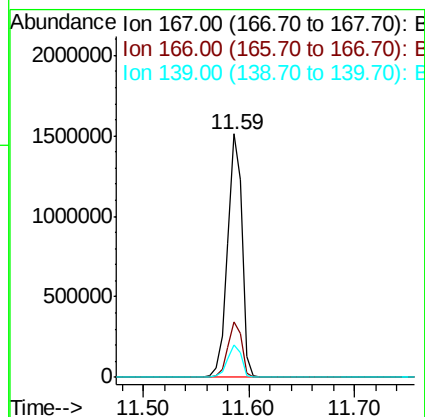
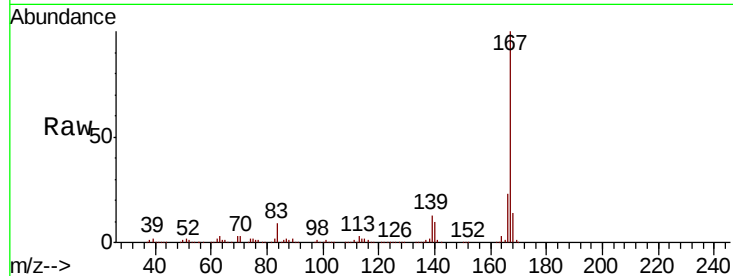




#73
 Carbazole
 Concen: 37.164 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

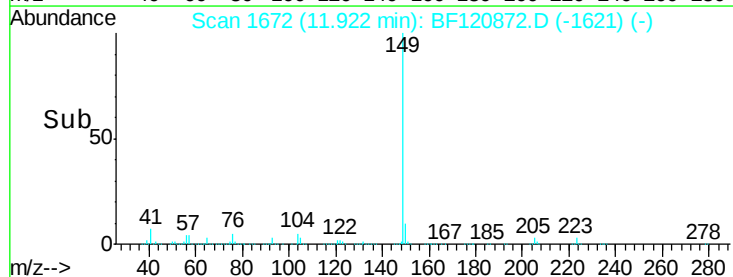
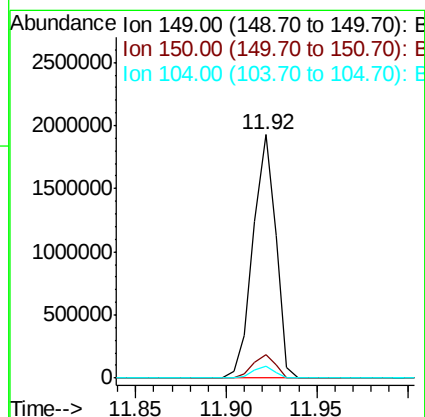
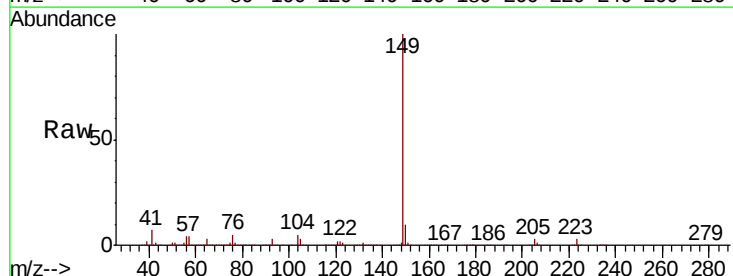
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

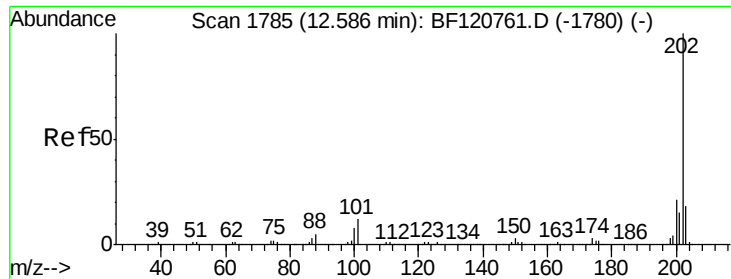
Tot Ion:167 Resp: 1432518
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 13.2 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 35.317 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:149 Resp: 1685421
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.7 11.5
 104 4.9 4.0 6.0

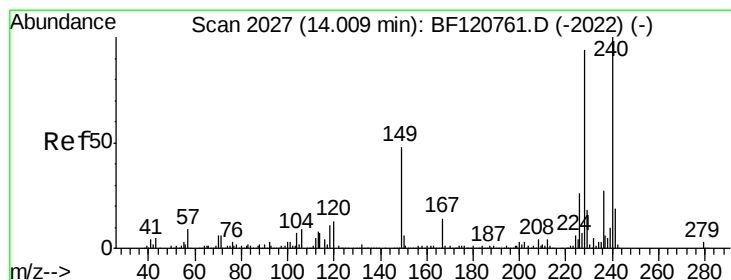
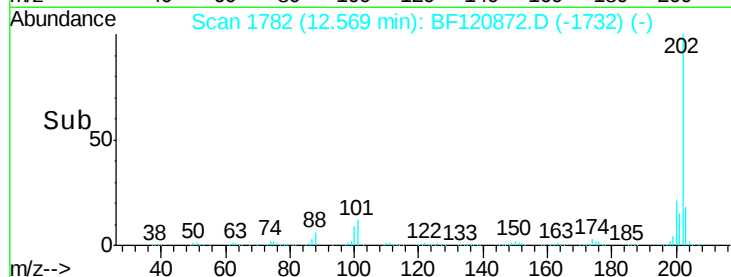
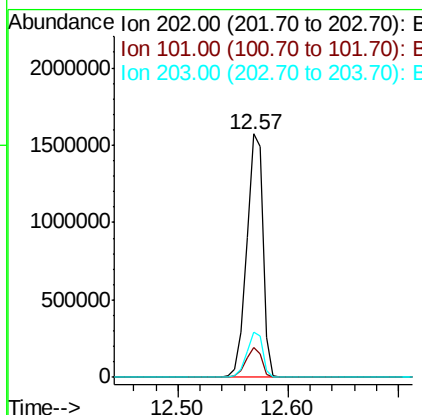
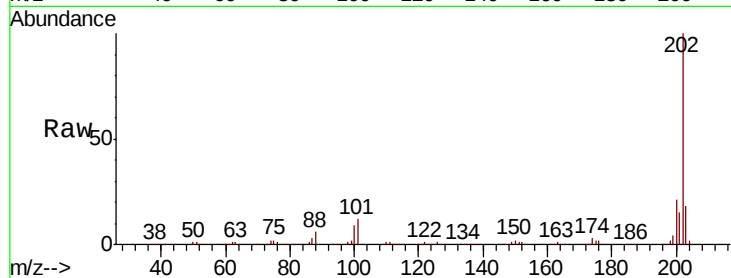




#75
 Fluoranthene
 Concen: 38.492 ng
 RT: 12.57 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

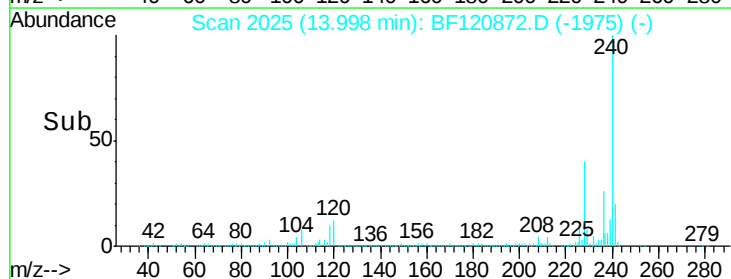
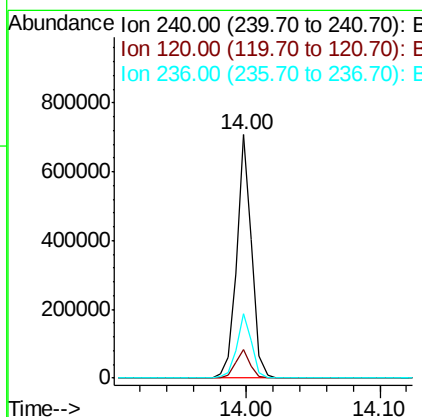
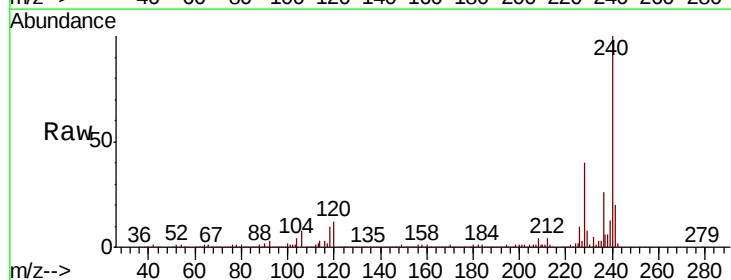
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

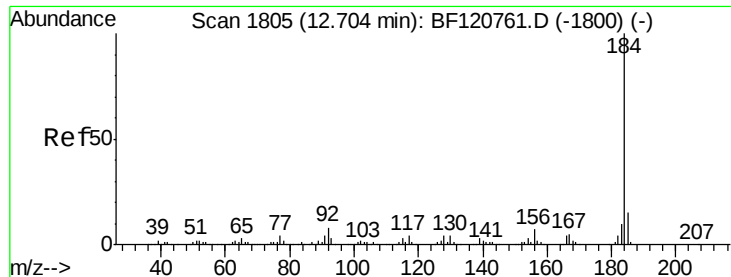
Tot Ion:202 Resp: 1627625
 Ion Ratio Lower Upper
 202 100
 101 12.2 0.0 31.6
 203 18.3 0.0 38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:240 Resp: 552576
 Ion Ratio Lower Upper
 240 100
 120 11.8 10.3 15.5
 236 26.3 21.4 32.2





#77

Benzidine

Concen: 44.336 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

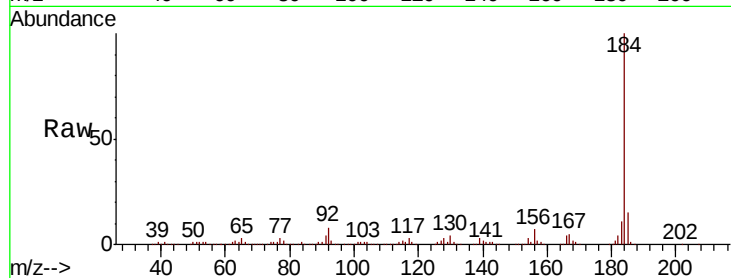
BNA_F

ClientSampleId :

IRON-1MS

Tot Ion:184 Resp: 691506

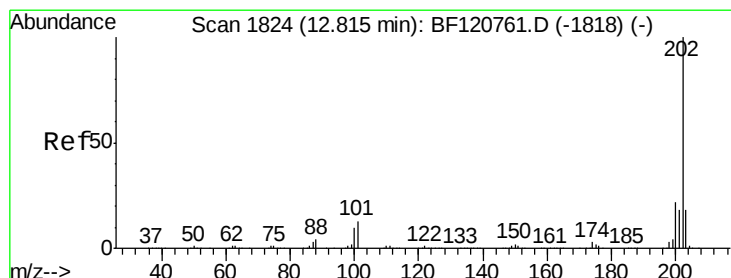
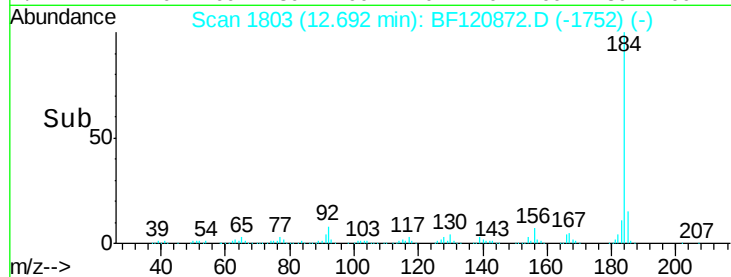
Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.8	17.8
183	10.8	8.3	12.5



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: 37.607 ng

RT: 12.80 min Scan# 1821

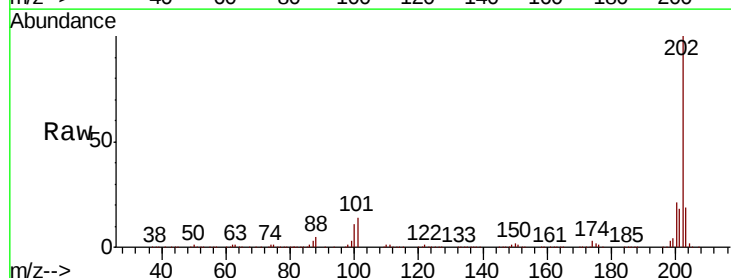
Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Tgt Ion:202 Resp: 1659651

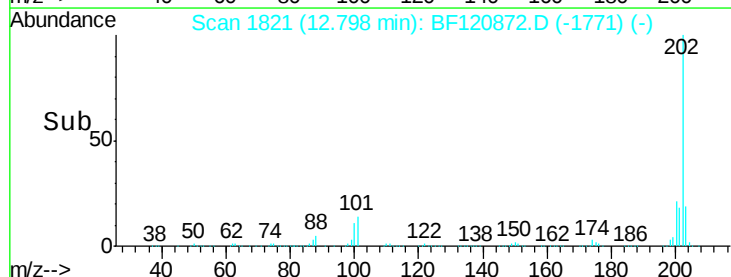
Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	18.5	14.6	22.0



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: 43.540 ng

RT: 12.95 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

BNA_F

ClientSampleId :

IRON-1MS

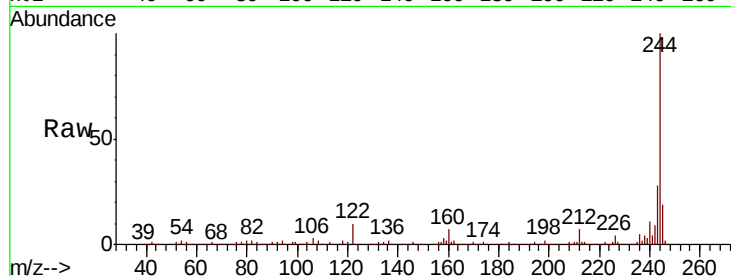
Tot Ion:244 Resp: 1228822

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

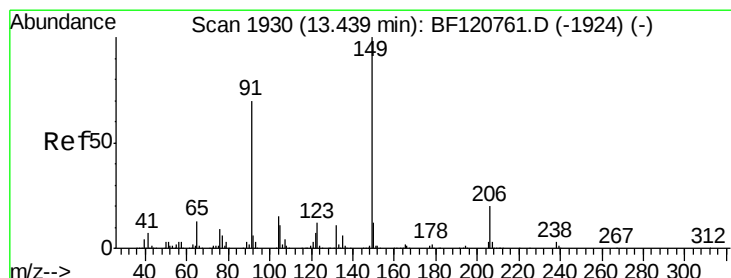
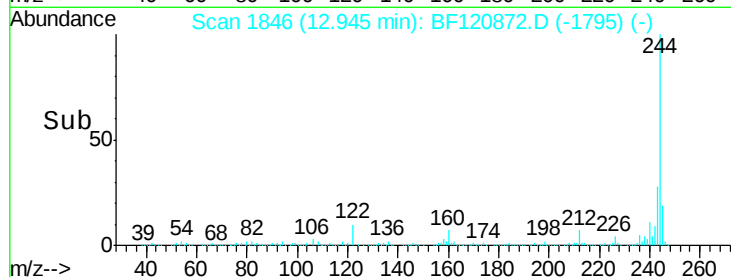
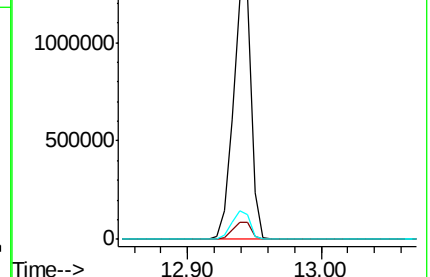
122 10.0 9.0 13.4



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: 38.636 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

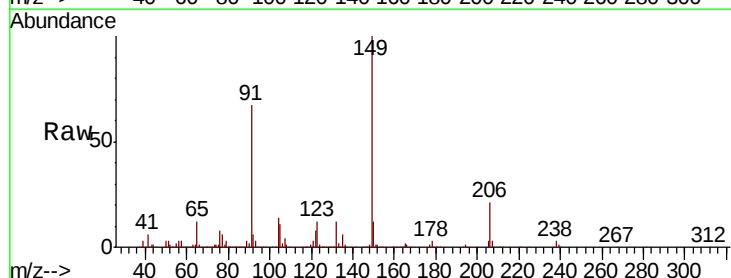
Tgt Ion:149 Resp: 736150

Ion Ratio Lower Upper

149 100

91 66.8 55.8 83.8

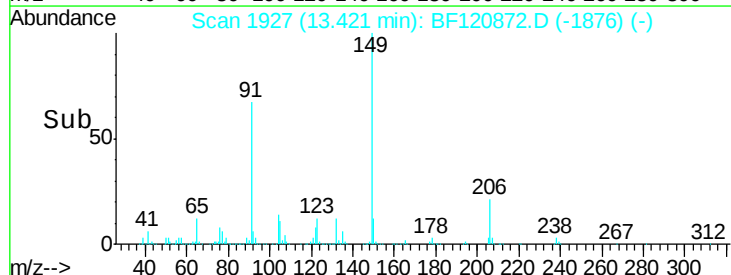
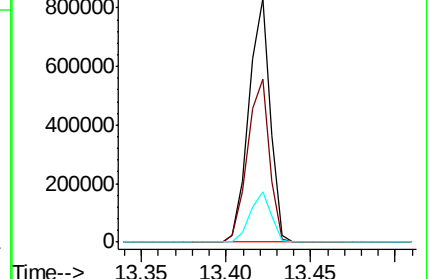
206 20.8 15.7 23.5

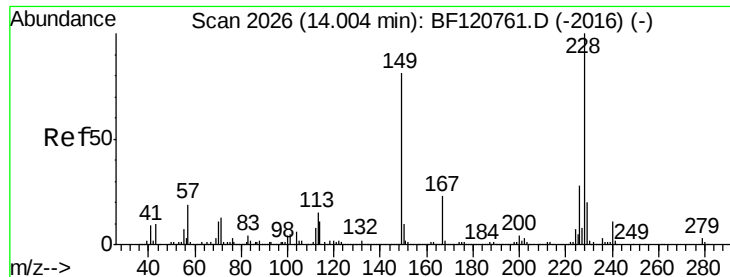


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

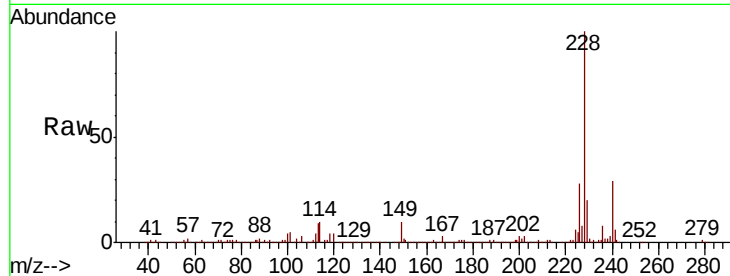




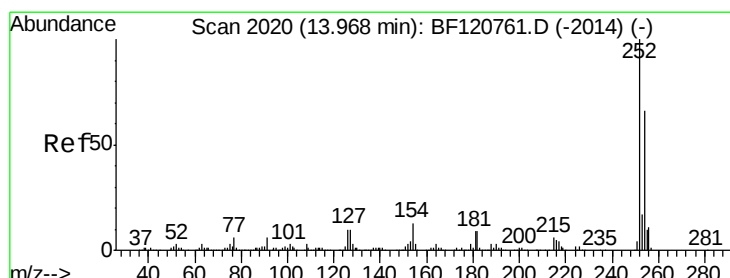
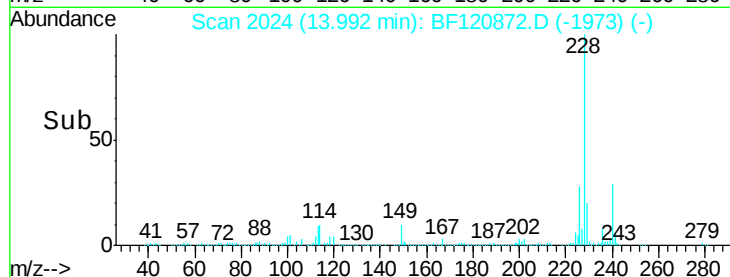
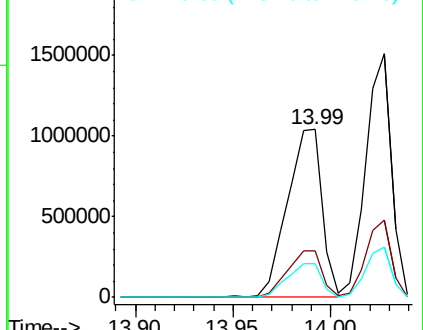
#81
Benzo(a)anthracene
Concen: 36.152 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:228 Resp: 1280548
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 20.0 15.8 23.6

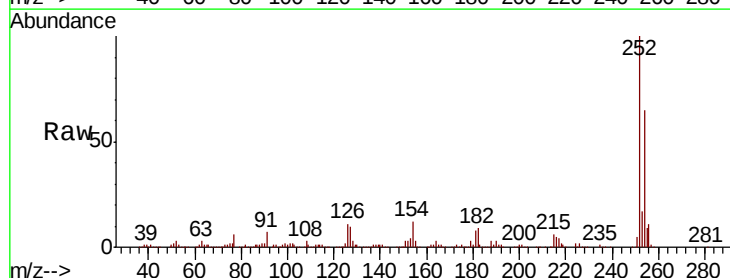


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

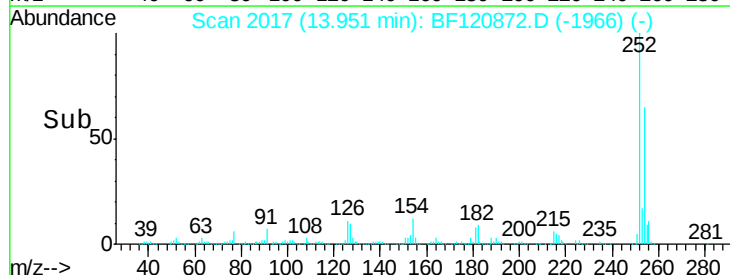
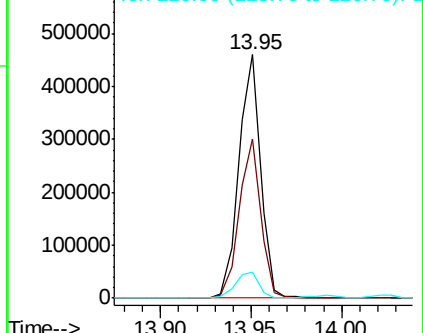


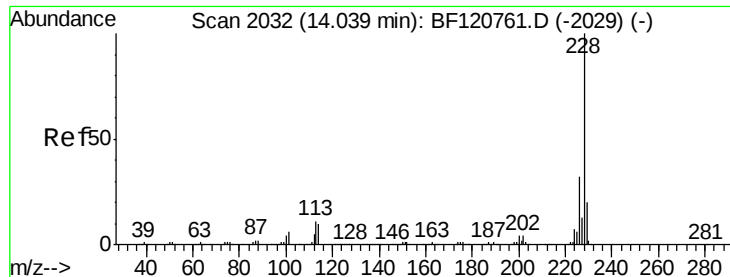
#82
3,3'-Dichlorobenzidine
Concen: 32.079 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:252 Resp: 383458
Ion Ratio Lower Upper
252 100
254 65.3 52.6 78.8
126 10.8 7.8 11.8



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

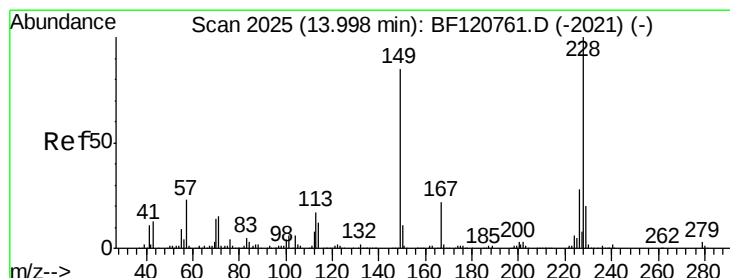
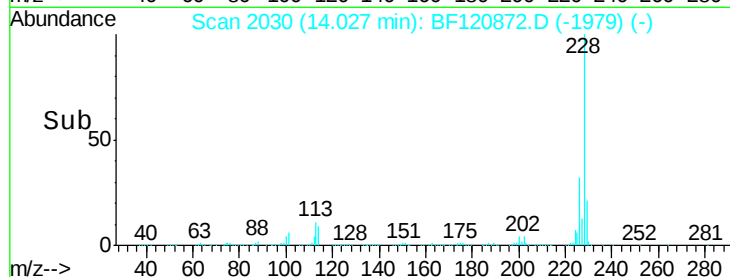
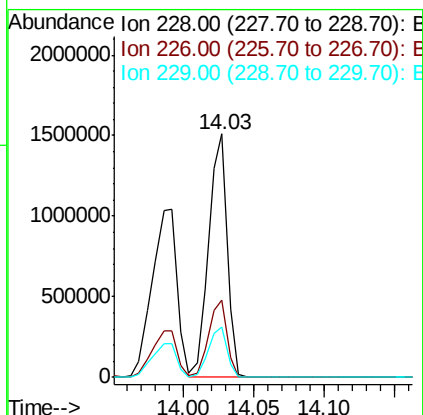
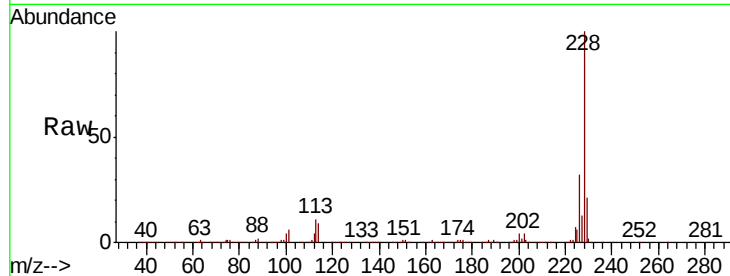




#83
Chrysene
Concen: 38.118 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

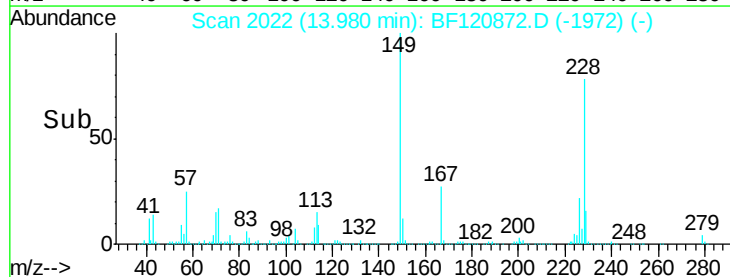
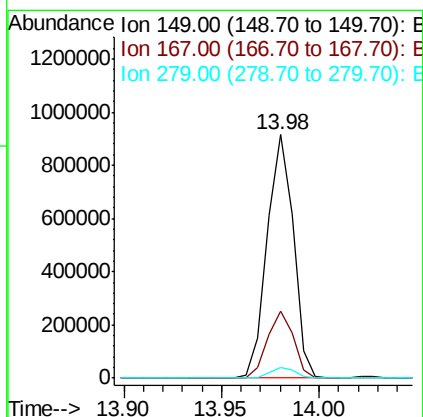
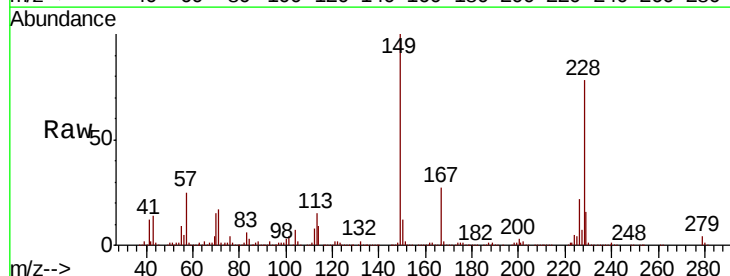
Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:228 Resp: 1377221
Ion Ratio Lower Upper
228 100
226 31.8 25.7 38.5
229 20.6 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.267 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:149 Resp: 856170
Ion Ratio Lower Upper
149 100
167 27.3 20.9 31.3
279 4.1 2.6 4.0#

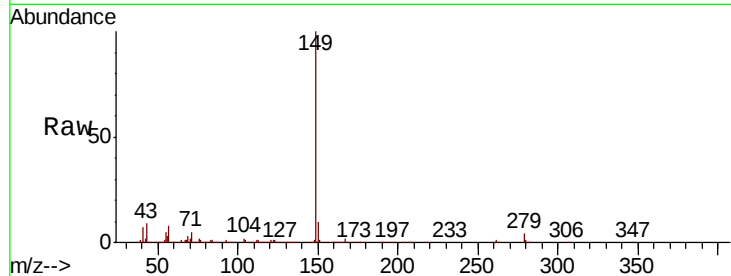




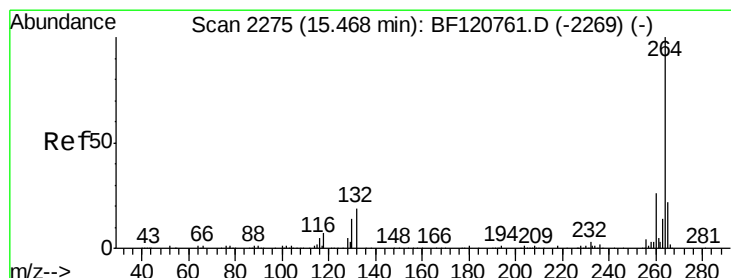
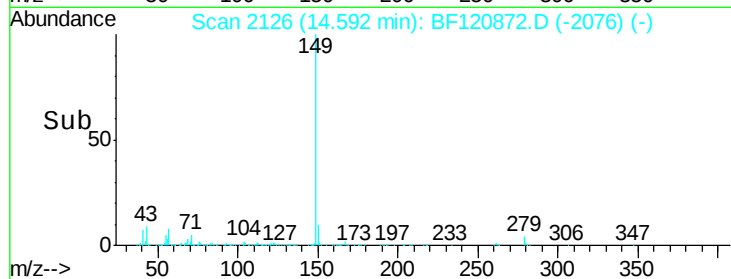
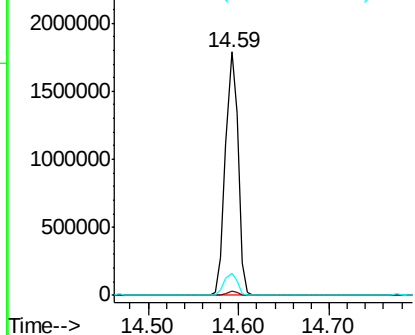
#85
Di-n-octyl phthalate
Concen: 38.478 ng
RT: 14.59 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Instrument :
BNA_F
ClientSampleId :
IRON-1MS

Tot Ion:149 Resp: 1700817
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.2 8.7 13.1

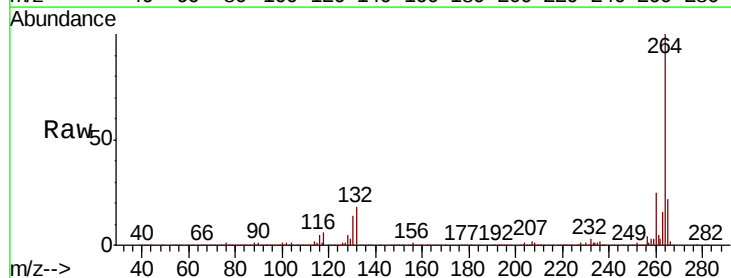


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

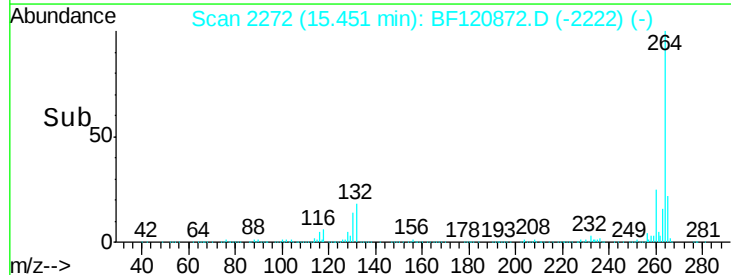
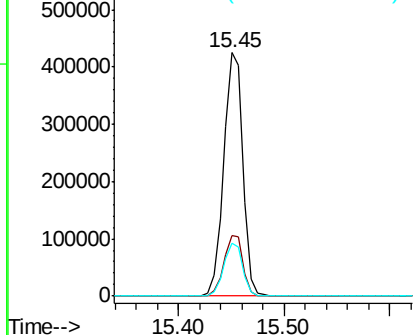


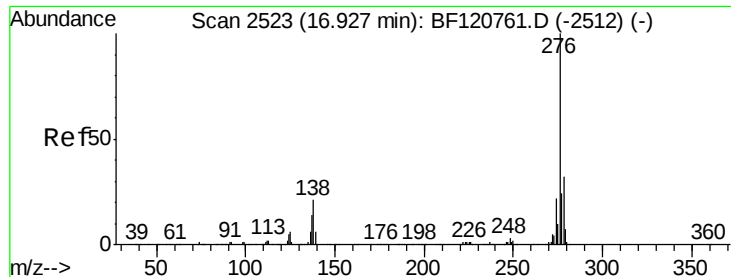
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:264 Resp: 533770
Ion Ratio Lower Upper
264 100
260 24.8 20.6 30.8
265 21.8 17.6 26.4



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

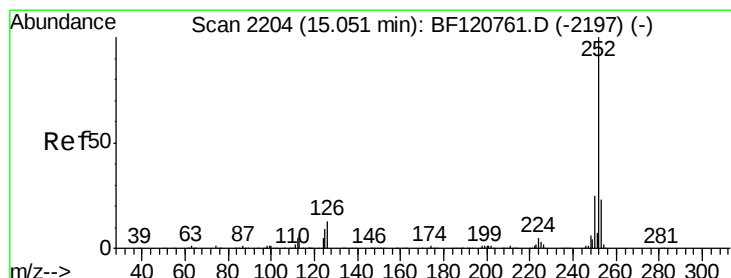
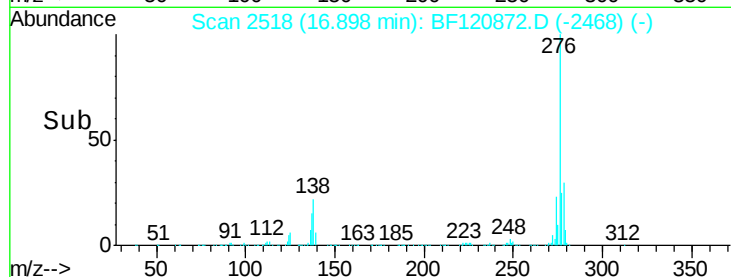
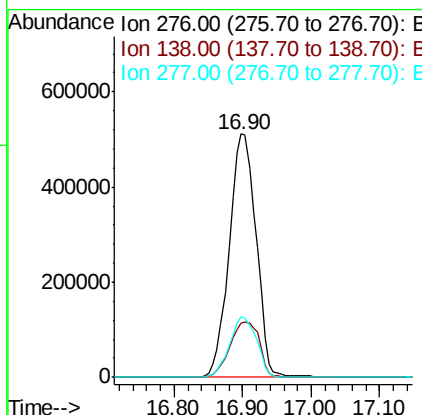
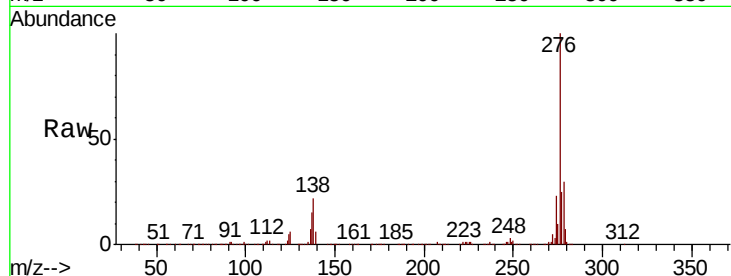




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.704 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.01 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

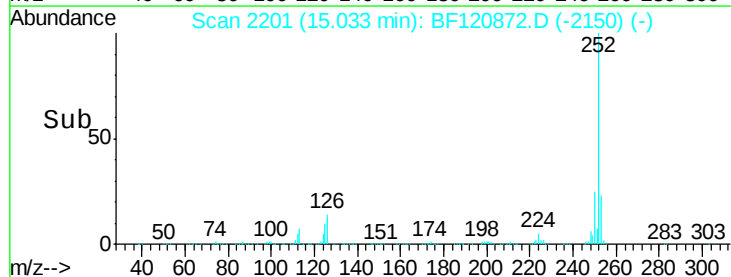
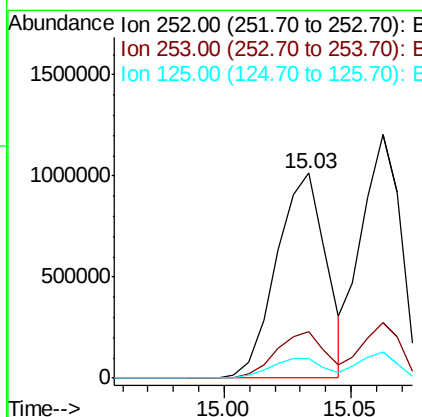
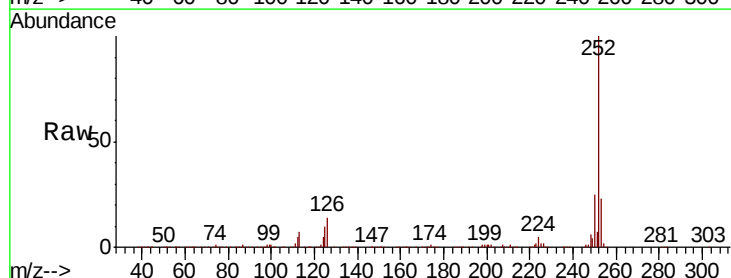
Instrument :
 BNA_F
 ClientSampleId :
 IRON-1MS

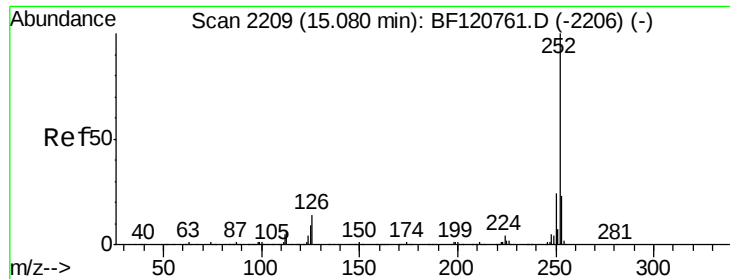
Tot Ion:276 Resp: 1393580
 Ion Ratio Lower Upper
 276 100
 138 25.1 19.8 29.8
 277 25.1 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 39.276 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BF120872.D
 Acq: 15 Jul 2020 14:42

Tgt Ion:252 Resp: 1378243
 Ion Ratio Lower Upper
 252 100
 253 22.5 18.0 27.0
 125 9.9 7.5 11.3

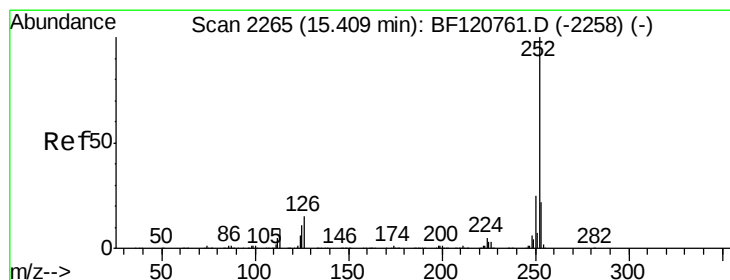
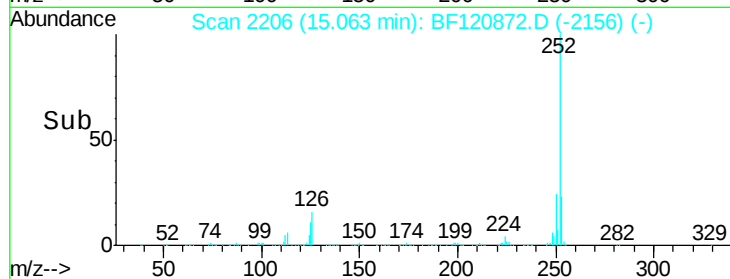
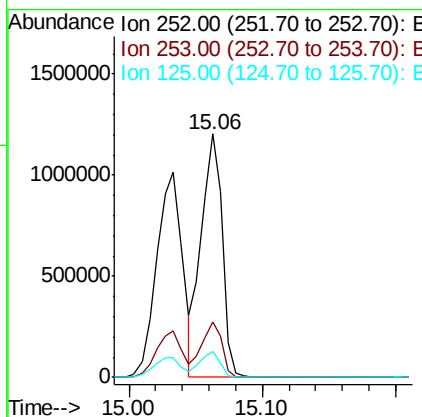
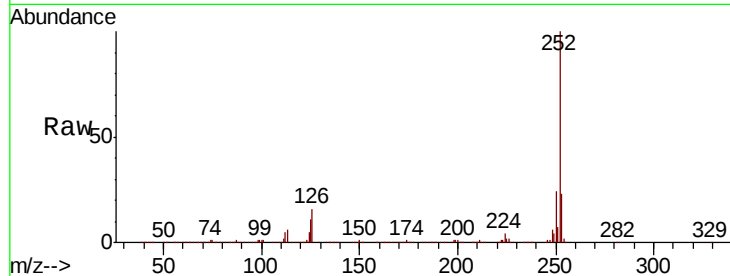




#89
Benzo(k)fluoranthene
Concen: 38.271 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

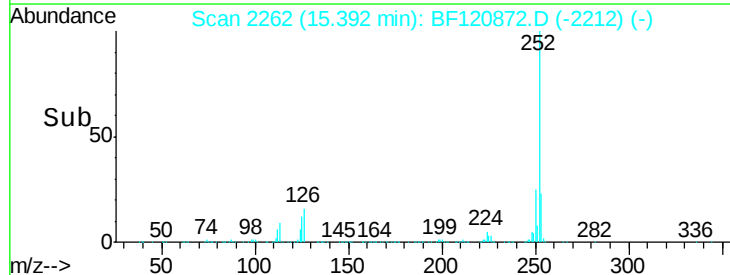
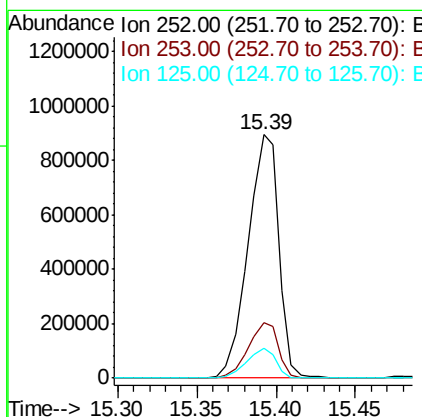
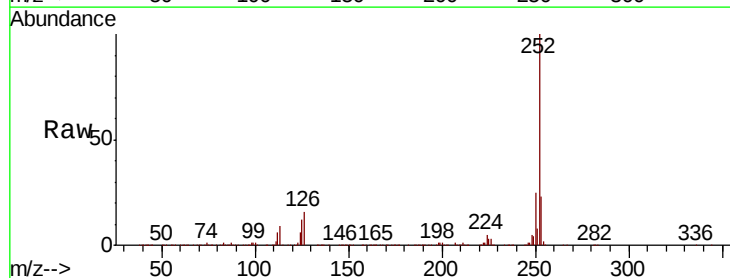
Instrument :
BNA_F
ClientSampleId :
IRON-1MS

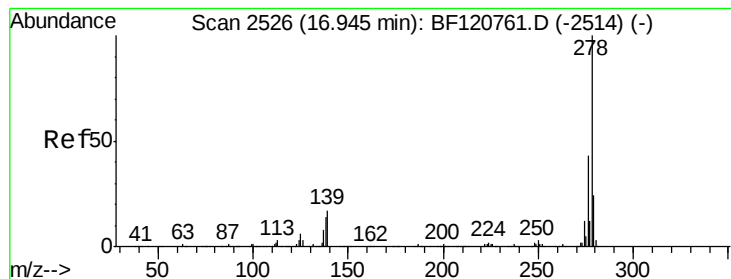
Tot Ion:252 Resp: 1306798
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 38.530 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120872.D
Acq: 15 Jul 2020 14:42

Tgt Ion:252 Resp: 1206132
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 12.0 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 40.765 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Instrument :

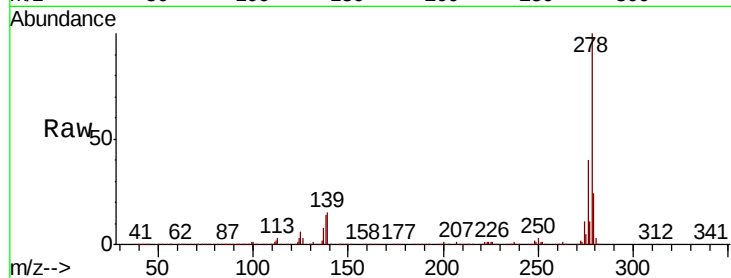
BNA_F

ClientSampleId :

IRON-1MS

Tot Ion:278 Resp: 1163229

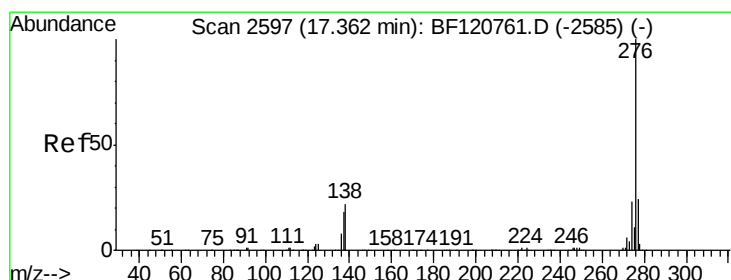
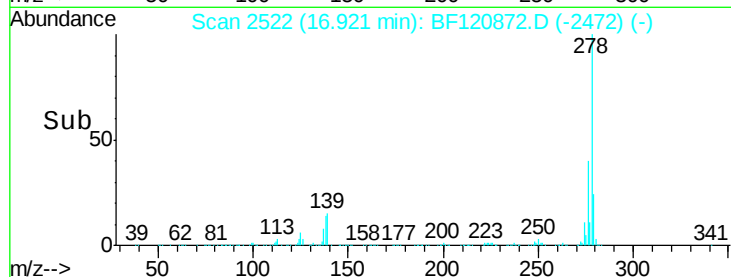
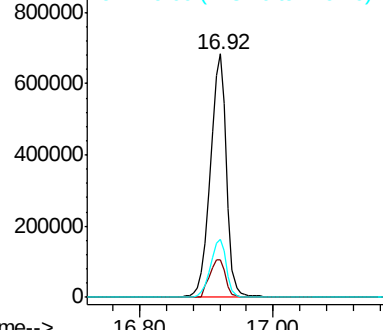
Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.3	19.9
279	24.0	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.915 ng

RT: 17.34 min Scan# 2593

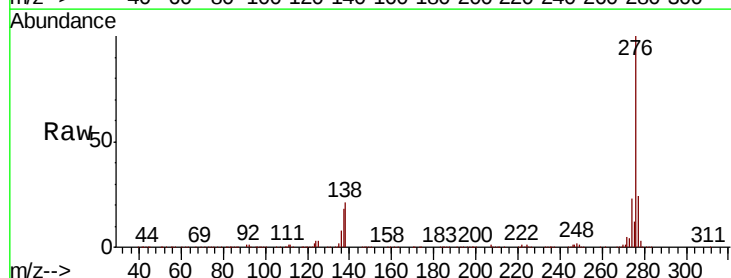
Delta R.T. -0.01 min

Lab File: BF120872.D

Acq: 15 Jul 2020 14:42

Tgt Ion:276 Resp: 1119185

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	21.3	17.4	26.2



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

