

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050120\
 Data File : BF120267.D
 Acq On : 1 May 2020 19:22
 Operator : MA/SJ
 Sample : L2454-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Quant Time: May 02 01:08:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 15:26:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	123020	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	405711	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	208551	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	297223	20.00	ng	0.00
76) Chrysene-d12	13.82	240	210149	20.00	ng	0.00
87) Perylene-d12	15.22	264	242313	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	669285	94.02	ng	0.00
7) Phenol-d6	6.31	99	757507	82.58	ng	0.00
23) Nitrobenzene-d5	7.22	82	556601	70.97	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	182298	71.39	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1101856	75.01	ng	0.00
79) Terphenyl-d14	12.76	244	803351	64.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	114373	36.073	ng	97
3) Pyridine	2.96	79	349637	40.193	ng	94
4) n-Nitrosodimethylamine	2.92	42	218486	49.158	ng	99
6) Aniline	6.32	93	347896	28.897	ng	# 57
8) 2-Chlorophenol	6.45	128	407185	51.195	ng	94
9) Benzaldehyde	6.20	77	285857	Below	Cal	96
10) Phenol	6.32	94	462638	44.458	ng	88
11) bis(2-Chloroethyl)ether	6.39	93	403694	50.244	ng	98
12) 1,3-Dichlorobenzene	6.59	146	371035	42.610	ng	98
13) 1,4-Dichlorobenzene	6.67	146	427427	48.187	ng	99
14) 1,2-Dichlorobenzene	6.82	146	362280	44.318	ng	99
15) Benzyl Alcohol	6.80	79	315663	44.308	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.94	45	557175	35.636	ng	71
17) 2-Methylphenol	6.93	107	283839	39.989	ng	# 90
18) Hexachloroethane	7.16	117	166311	50.170	ng	93
19) n-Nitroso-di-n-propylamine	7.07	70	301543	51.123	ng	97
20) 3+4-Methylphenols	7.09	107	450518	51.897	ng	# 80
22) Acetophenone	7.07	105	600487	63.206	ng	# 97
24) Nitrobenzene	7.24	77	435193	55.164	ng	99
25) Isophorone	7.48	82	723987	47.890	ng	98
26) 2-Nitrophenol	7.56	139	187042	47.456	ng	96
27) 2,4-Dimethylphenol	7.61	122	295626	49.732	ng	97
28) bis(2-Chloroethoxy)methane	7.70	93	506653	56.954	ng	100
29) 2,4-Dichlorophenol	7.81	162	292780	48.051	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	312329	45.239	ng	99
31) Naphthalene	7.96	128	1061968	49.751	ng	98
32) Benzoic acid	7.76	122	226341	43.355	ng	97
33) 4-Chloroaniline	8.02	127	102192	10.997	ng	96
34) Hexachlorobutadiene	8.08	225	217281	52.575	ng	99
35) Caprolactam	8.44	113	25909	13.901	ng	92
36) 4-Chloro-3-methylphenol	8.52	107	353983	53.660	ng	97
37) 2-Methylnaphthalene	8.65	142	668064	46.164	ng	97
38) 1-Methylnaphthalene	8.75	142	634787	46.538	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	300142	45.566	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	172260	45.990	nq	99
43) 2,4,6-Trichlorophenol	8.94	196	219578	48.274	nq	97
44) 2,4,5-Trichlorophenol	8.99	196	251544	49.100	nq	98
46) 1,1'-Biphenyl	9.12	154	960554	54.568	nq	98
47) 2-Chloronaphthalene	9.14	162	724516	53.429	nq	99
48) 2-Nitroaniline	9.25	65	241995	49.245	nq	94
49) Acenaphthylene	9.56	152	1104751	53.570	nq	98
50) Dimethylphthalate	9.43	163	1042544	64.629	nq	100
51) 2,6-Dinitrotoluene	9.49	165	180488	51.094	nq	89
52) Acenaphthene	9.73	154	635125	46.168	nq	98
53) 3-Nitroaniline	9.65	138	90260	22.373	nq	93
54) 2,4-Dinitrophenol	9.77	184	86423	40.864	nq	97
55) Dibenzofuran	9.90	168	850171	45.036	nq	99
56) 4-Nitrophenol	9.85	139	206869	68.915	nq	91
57) 2,4-Dinitrotoluene	9.89	165	190329	40.895	nq	# 89
58) Fluorene	10.25	166	653255	43.270	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.03	232	184834	47.173	nq	97
60) Diethylphthalate	10.13	149	713588	42.682	nq	99
61) 4-Chlorophenyl-phenylether	10.23	204	334571	43.238	nq	98
62) 4-Nitroaniline	10.27	138	131678	34.248	nq	98
63) Azobenzene	10.40	77	648978	43.314	nq	96
65) 4,6-Dinitro-2-methylphenol	10.30	198	67460	34.451	nq	97
66) n-Nitrosodiphenylamine	10.36	169	579454	58.621	nq	99
67) 4-Bromophenyl-phenylether	10.72	248	178761	48.362	nq	97
68) Hexachlorobenzene	10.79	284	184409	49.179	nq	94
69) Atrazine	10.89	200	148438	53.972	nq	98
70) Pentachlorophenol	10.99	266	151080	69.916	nq	99
71) Phenanthrene	11.20	178	833193	52.672	nq	97
72) Anthracene	11.26	178	864191	53.479	nq	97
73) Carbazole	11.42	167	747632	48.924	nq	98
74) Di-n-butylphthalate	11.75	149	1085740	54.046	nq	98
75) Fluoranthene	12.39	202	848020	49.685	nq	96
77) Benzidine	12.52	184	524754	73.871	nq	98
78) Pyrene	12.62	202	857739	48.416	nq	99
80) Butylbenzylphthalate	13.24	149	389791	45.343	nq	99
81) Benzo(a)anthracene	13.81	228	731235	52.892	nq	100
82) 3,3'-Dichlorobenzidine	13.77	252	238804	46.294	nq	97
83) Chrysene	13.84	228	727628	51.798	nq	97
84) Bis(2-ethylhexyl)phthalate	13.81	149	546125	46.913	nq	99
85) Di-n-octyl phthalate	14.42	149	966347	48.753	nq	99
86) Indeno(1,2,3-cd)pyrene	16.59	276	886276	71.574	nq	100
88) Benzo(b)fluoranthene	14.83	252	858553	49.253	nq	98
89) Benzo(k)fluoranthene	14.86	252	663577	44.120	nq	99
90) Benzo(a)pyrene	15.17	252	720638	49.169	nq	99
91) Dibenzo(a,h)anthracene	16.59	278	732761	56.442	nq	98
92) Benzo(g,h,i)perylene	16.99	276	726834	56.718	nq	98

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

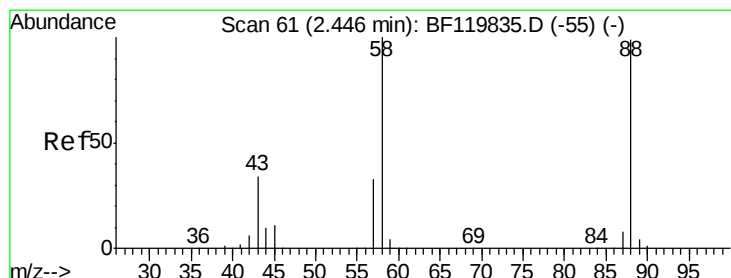
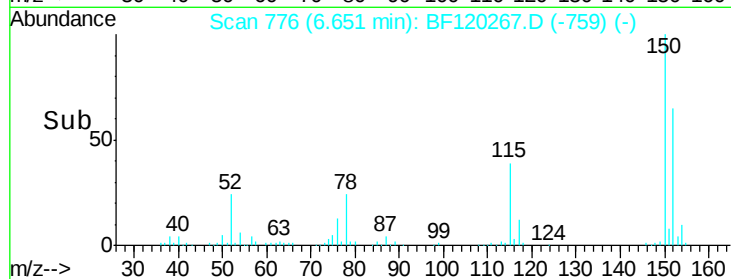
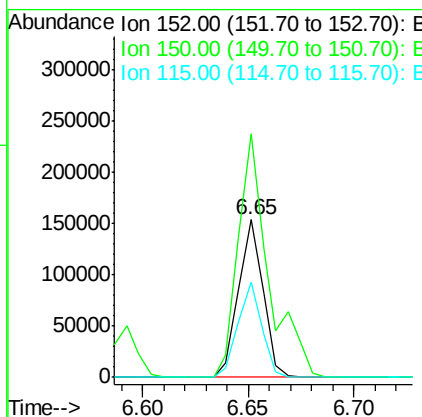
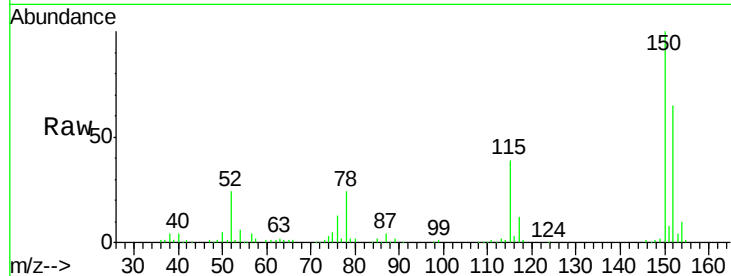


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

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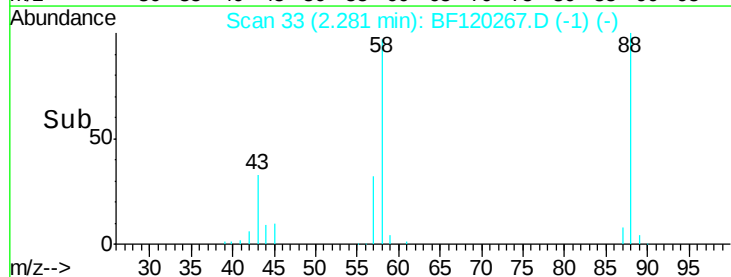
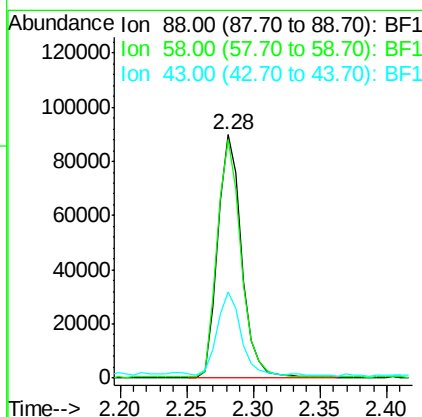
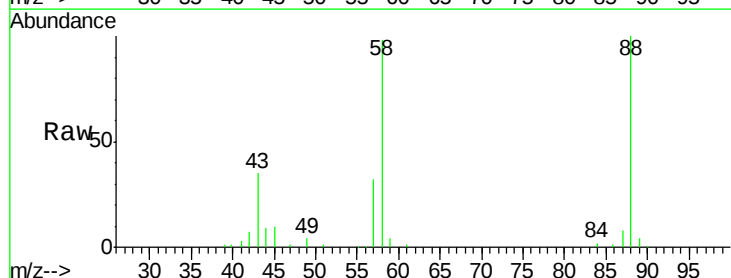
Tot Ion:152 Resp: 123020
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.5 186.7
 115 60.2 49.6 74.4

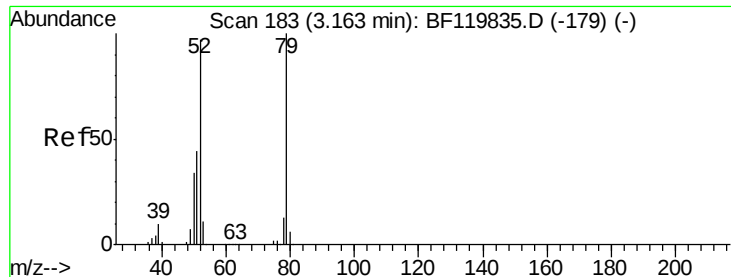


#2

1,4-Dioxane
 Concen: 36.073 ng
 RT: 2.28 min Scan# 33
 Delta R.T. 0.05 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion: 88 Resp: 114373
 Ion Ratio Lower Upper
 88 100
 58 96.3 80.6 121.0
 43 34.7 27.5 41.3





#3

Pvridine

Concen: 40.193 ng

RT: 2.96 min Scan# 148

Delta R.T. 0.04 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

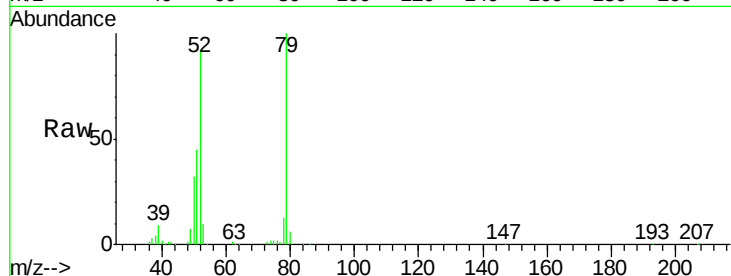
Tot Ion: 79 Resp: 349637

Ion Ratio Lower Upper

79 100

52 92.1 80.2 120.2

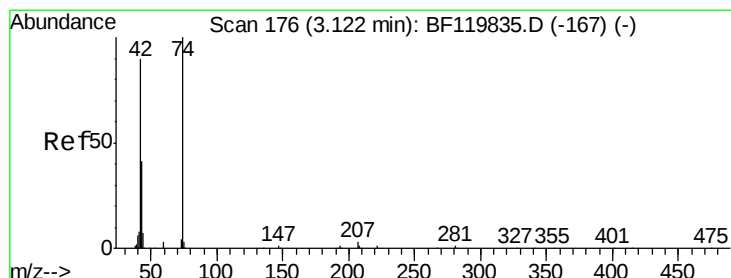
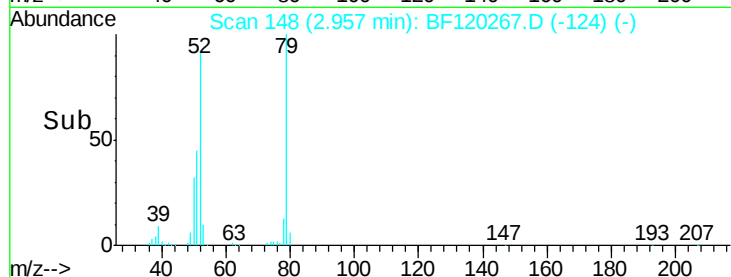
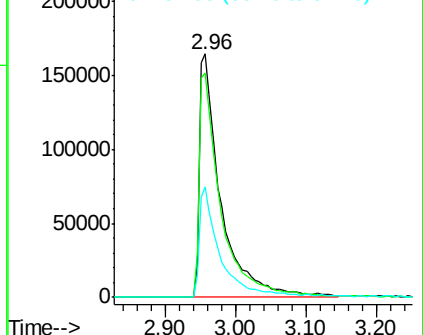
51 45.5 37.7 56.5



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: 49.158 ng

RT: 2.92 min Scan# 141

Delta R.T. 0.04 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

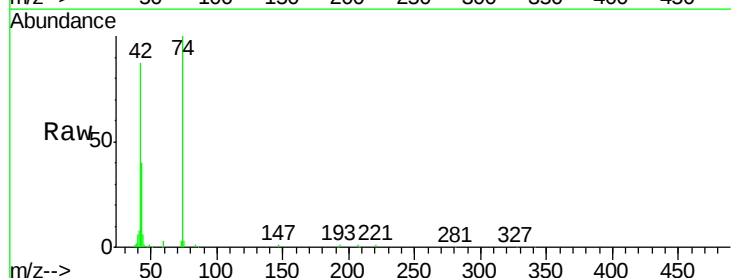
Tgt Ion: 42 Resp: 218486

Ion Ratio Lower Upper

42 100

74 115.2 91.5 137.3

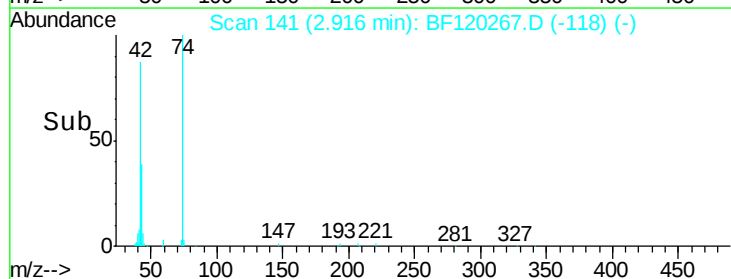
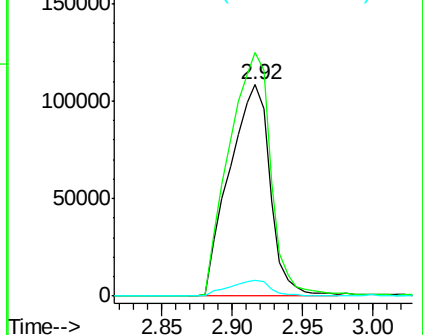
44 7.3 6.2 9.4



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: 94.021 ng

RT: 5.27 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

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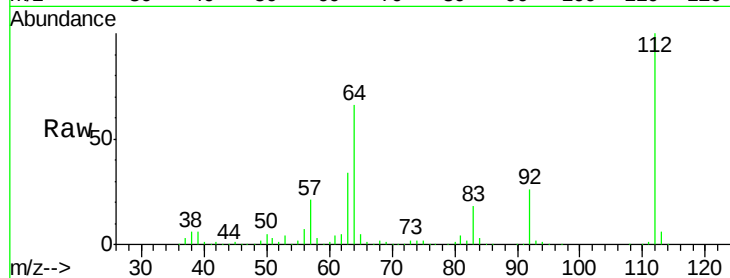
Tot Ion: 112 Resp: 669285

Ion Ratio Lower Upper

112 100

64 66.5 56.7 85.1

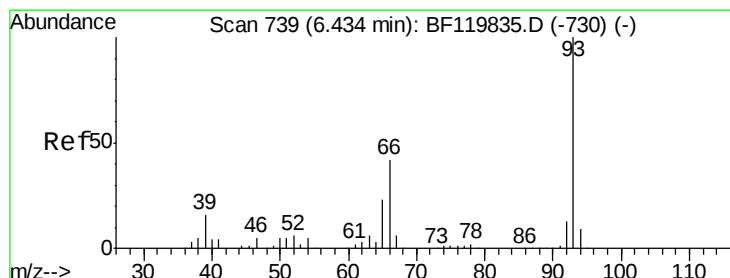
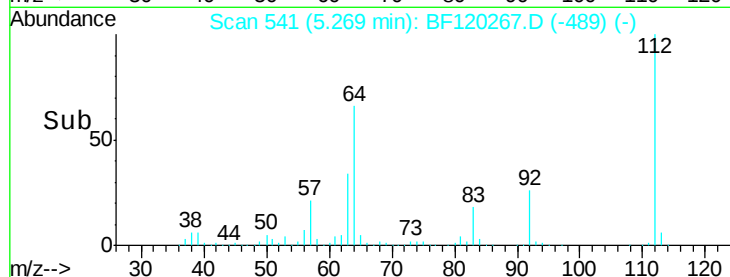
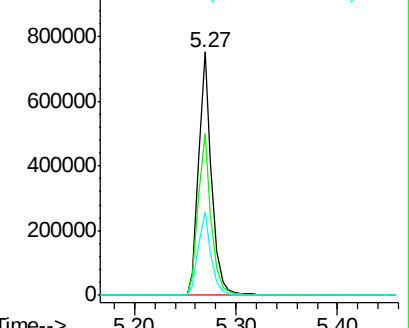
63 34.4 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.897 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

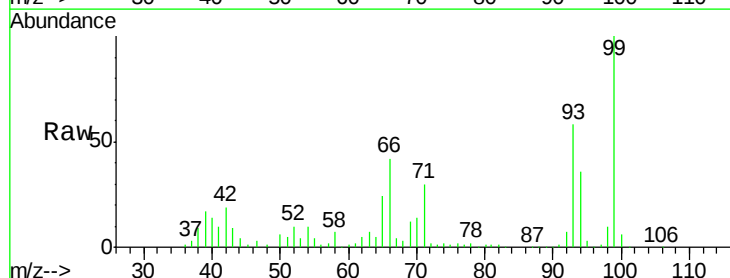
Tgt Ion: 93 Resp: 347896

Ion Ratio Lower Upper

93 100

66 72.6 34.9 52.3#

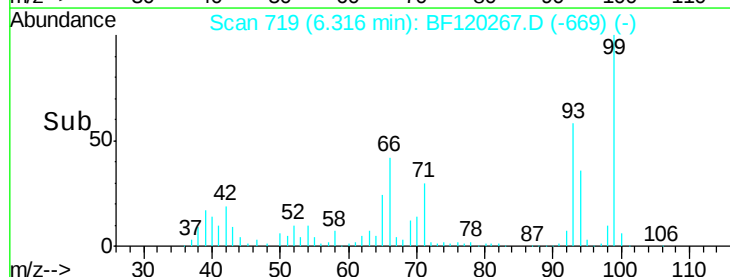
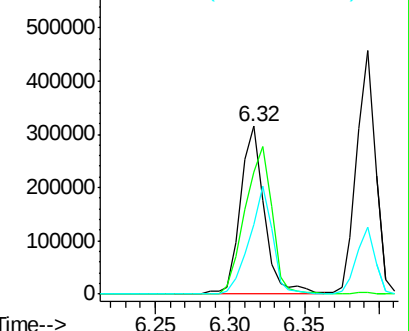
65 41.8 18.6 27.8#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 82.585 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

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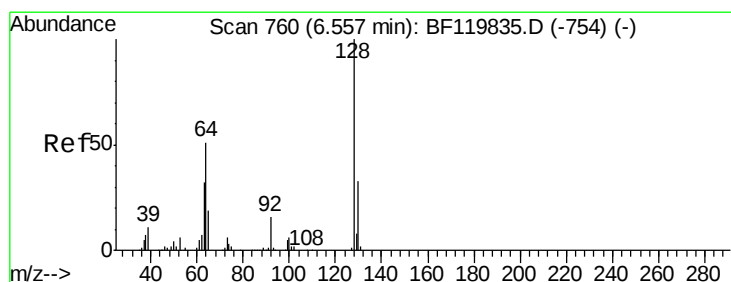
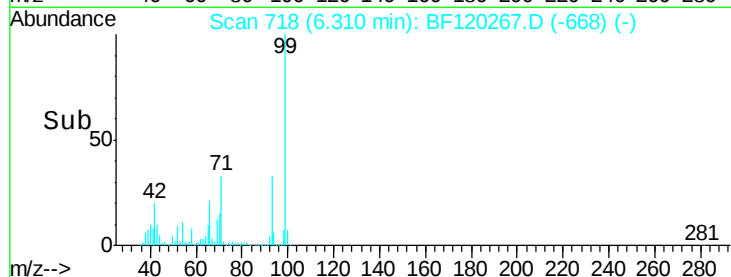
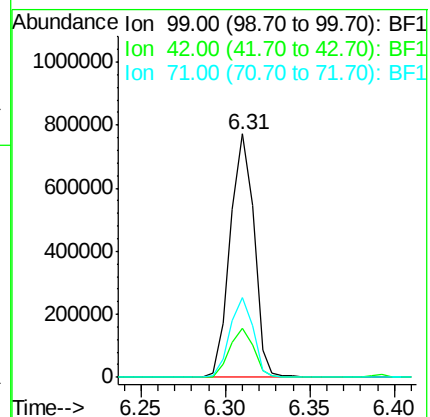
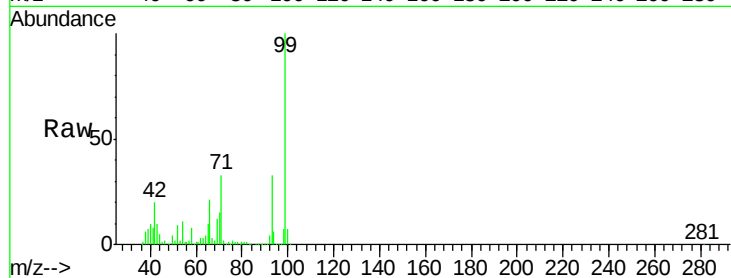
Tot Ion: 99 Resp: 757507

Ion Ratio Lower Upper

99 100

42 20.4 16.6 24.8

71 32.5 26.4 39.6



#8

2-Chlorophenol

Concen: 51.195 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

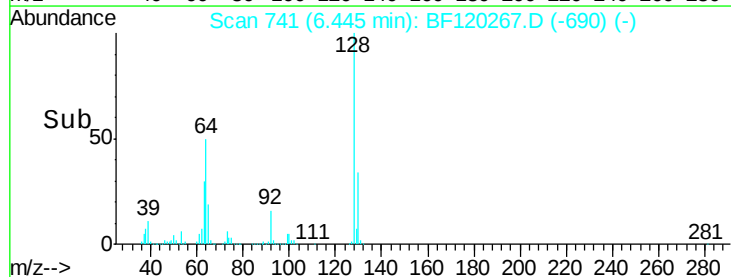
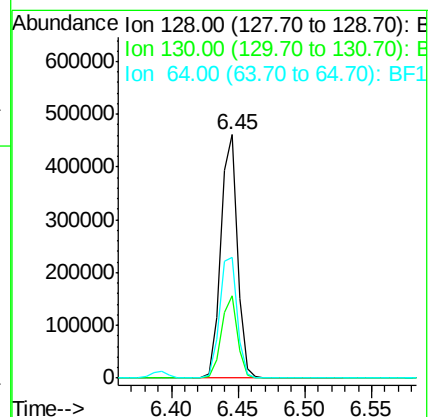
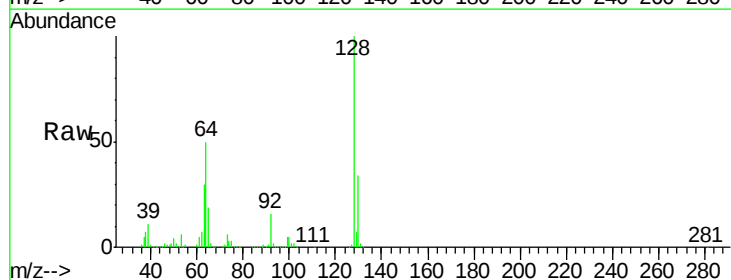
Tgt Ion: 128 Resp: 407185

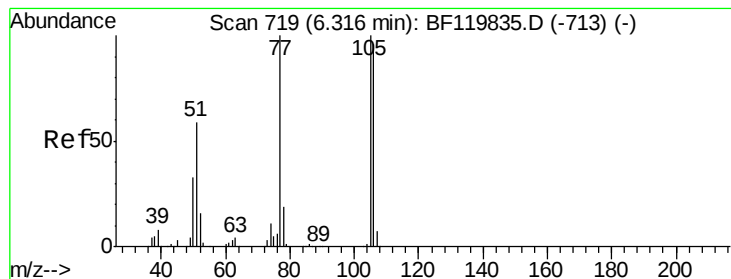
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 49.6 35.3 75.3





#9

Benzaldehyde

Concen: Below Cal

RT: 6.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF120267.D

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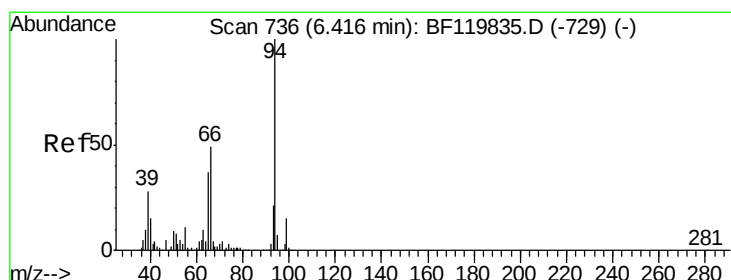
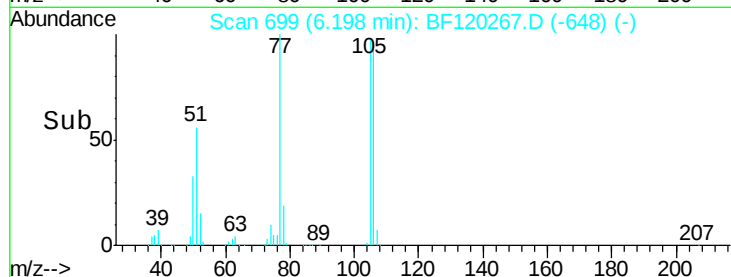
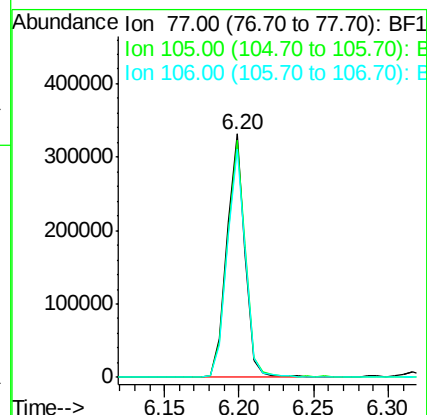
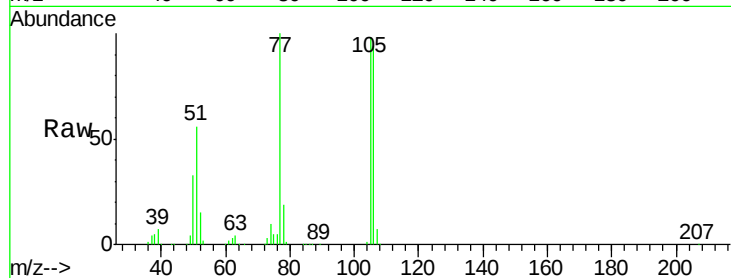
Tot Ion: 77 Resp: 285857

Ion Ratio Lower Upper

77 100

105 97.7 80.9 120.9

106 93.6 77.9 117.9



#10

Phenol

Concen: 44.458 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

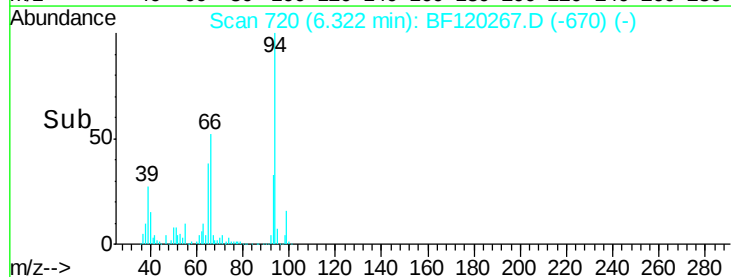
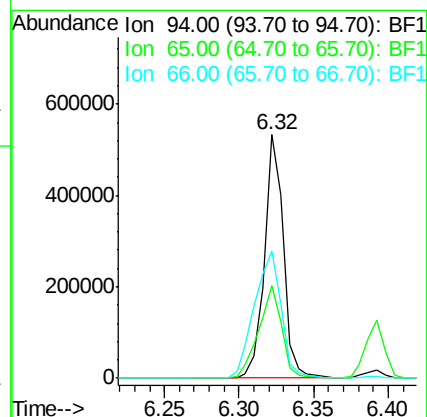
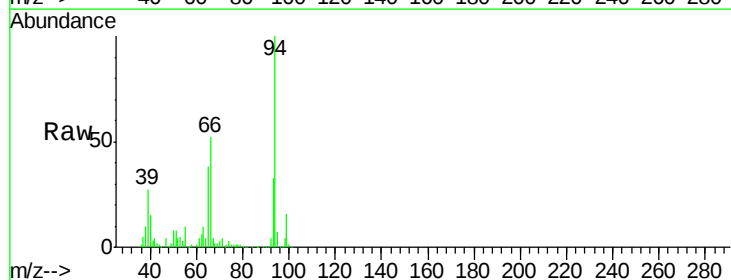
Tgt Ion: 94 Resp: 462638

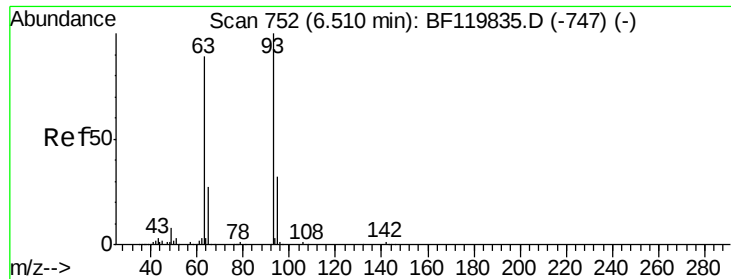
Ion Ratio Lower Upper

94 100

65 38.1 13.2 53.2

66 52.1 22.3 62.3





#11

bis(2-Chloroethyl)ether

Concen: 50.244 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

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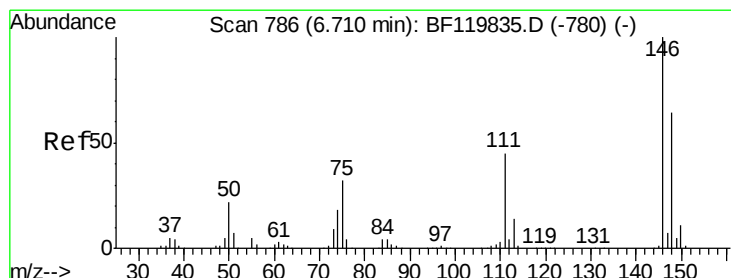
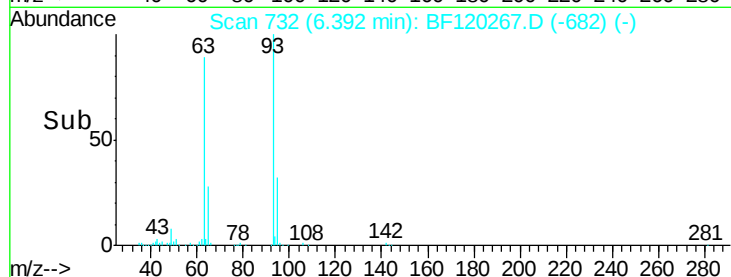
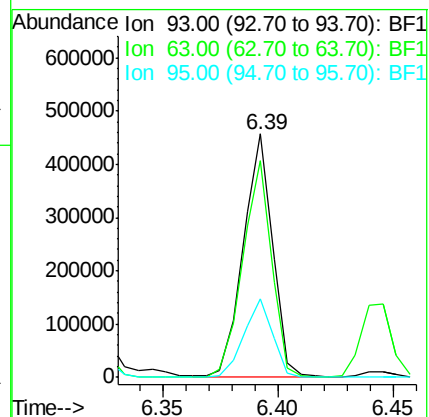
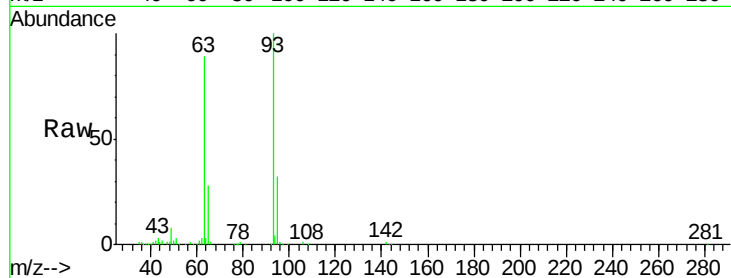
Tot Ion: 93 Resp: 403694

Ion Ratio Lower Upper

93 100

63 88.9 70.2 110.2

95 32.2 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 42.610 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

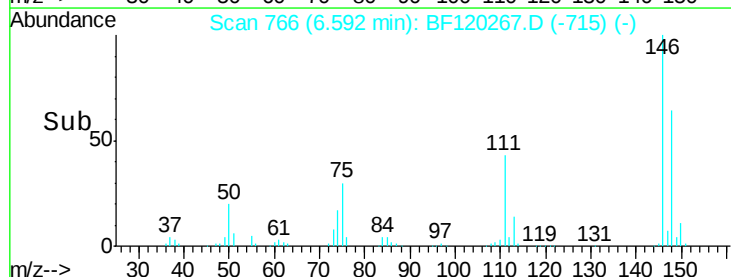
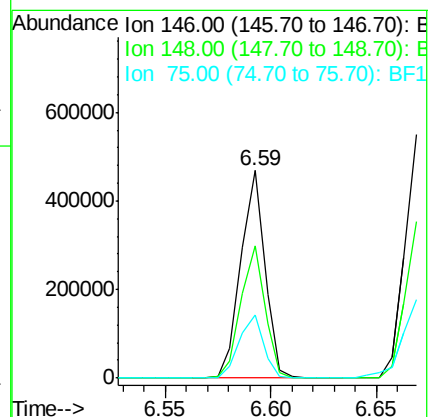
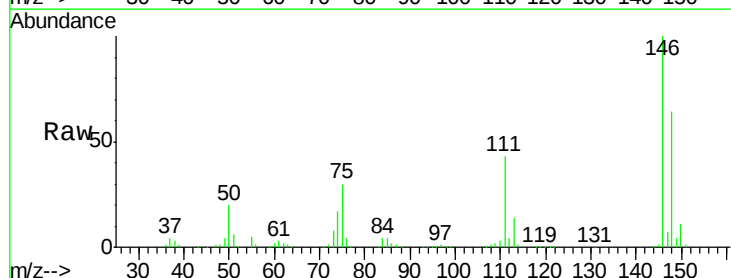
Tgt Ion: 146 Resp: 371035

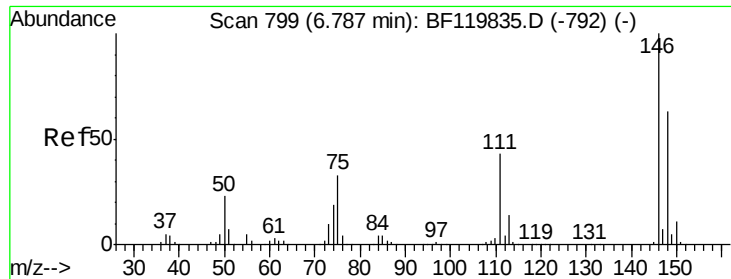
Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.4

75 30.4 23.0 34.4

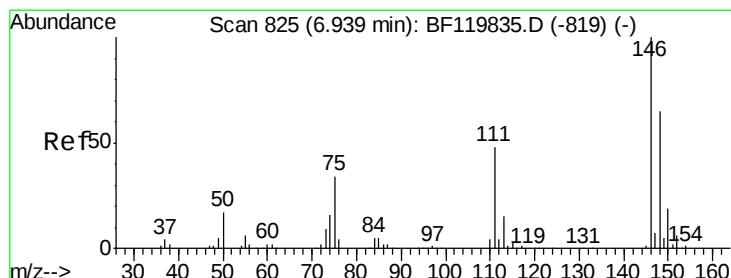
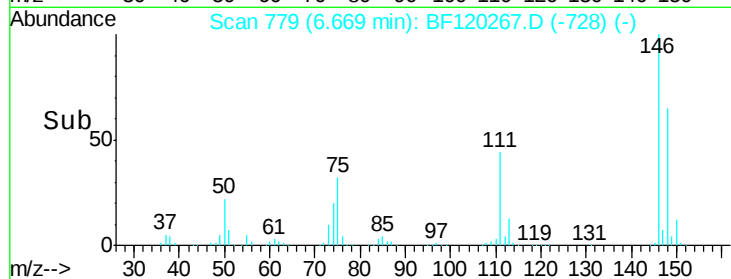
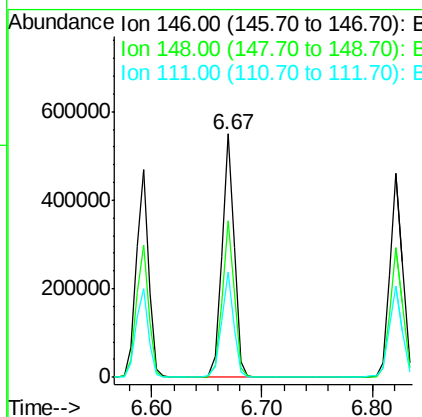
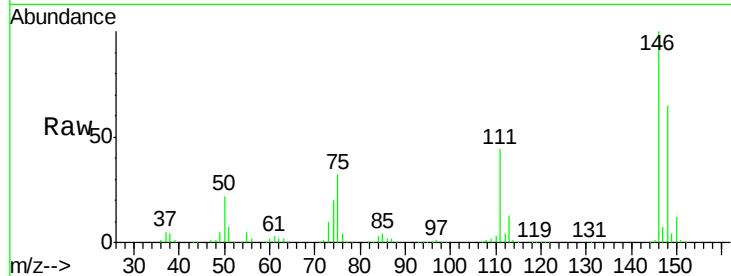




#13
 1,4-Dichlorobenzene
 Concen: 48.187 ng
 RT: 6.67 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

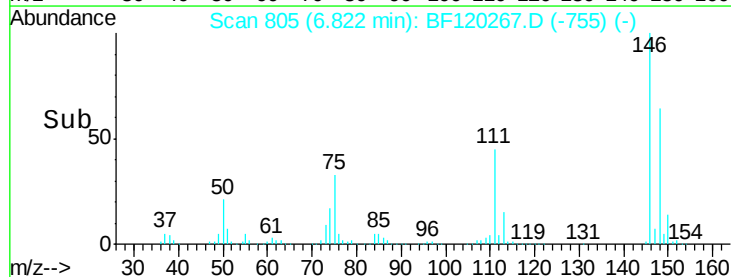
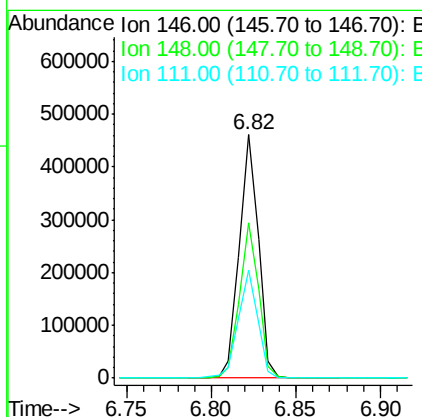
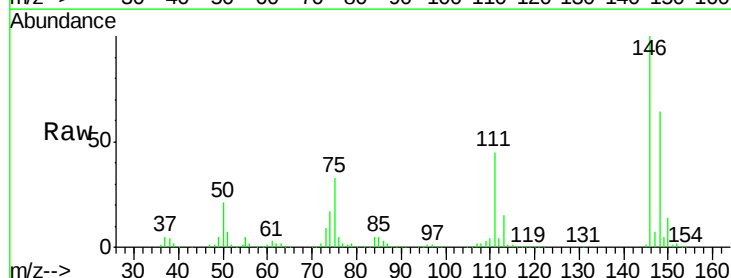
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

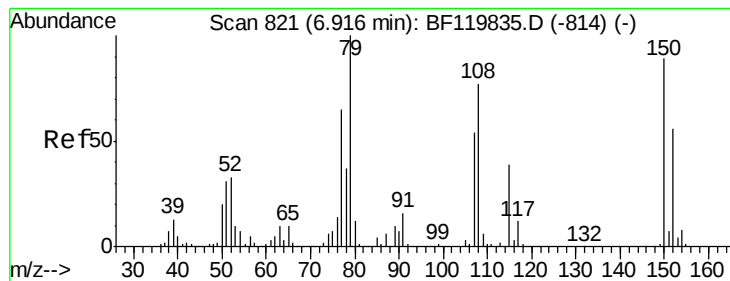
Tot Ion:146 Resp: 427427
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.5 77.3
 111 43.5 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 44.318 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:146 Resp: 362280
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.6 75.8
 111 44.5 36.1 54.1





#15

Benzyl Alcohol

Concen: 44.308 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

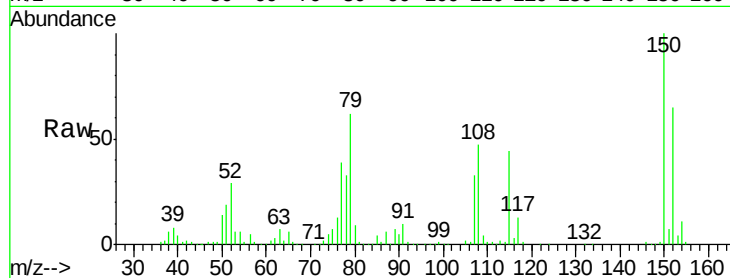
Tot Ion: 79 Resp: 315663

Ion Ratio Lower Upper

79 100

108 76.1 60.6 90.8

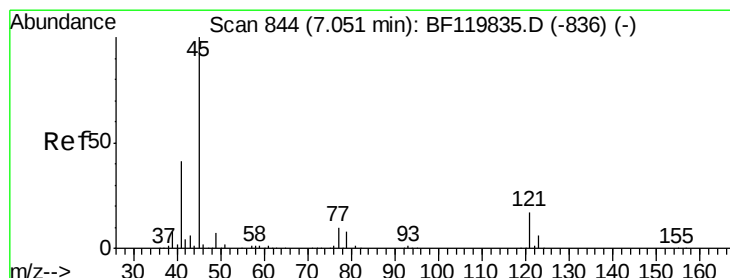
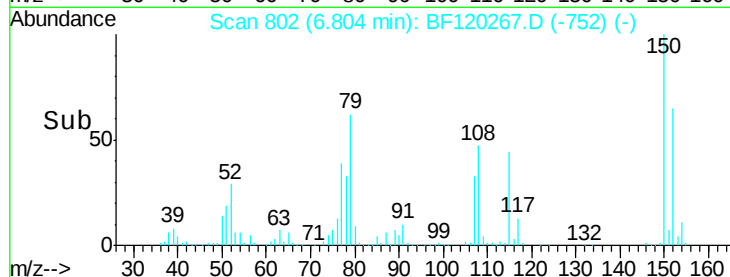
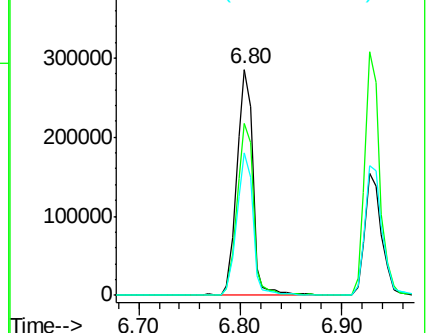
77 63.1 50.2 75.2



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: 35.636 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

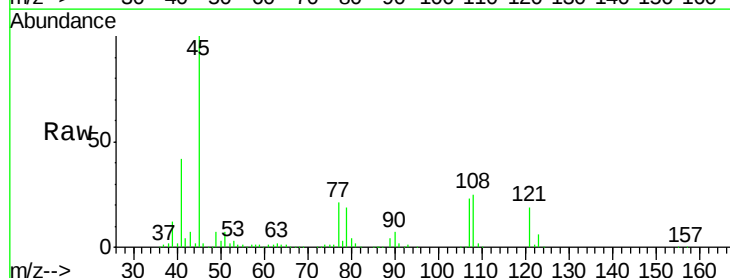
Tgt Ion: 45 Resp: 557175

Ion Ratio Lower Upper

45 100

77 21.5 0.0 30.7

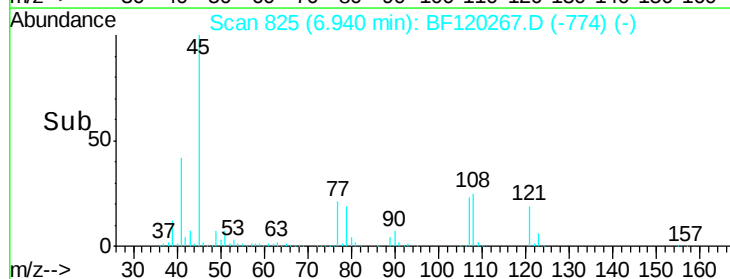
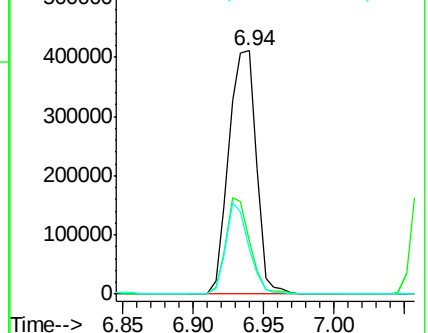
79 18.8 0.0 28.2

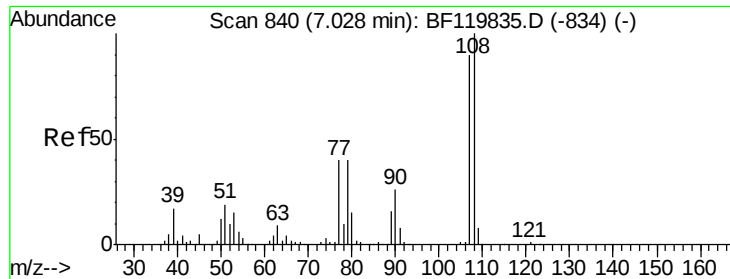


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

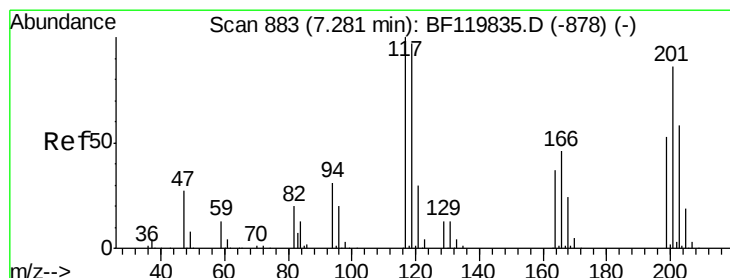
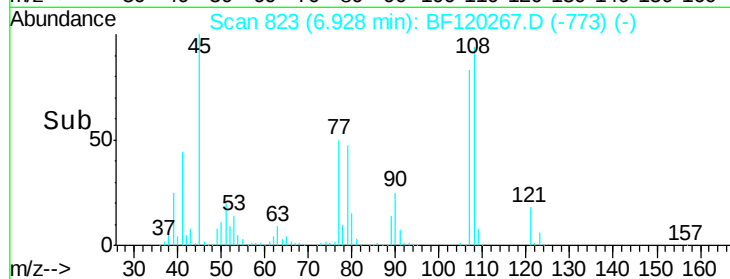
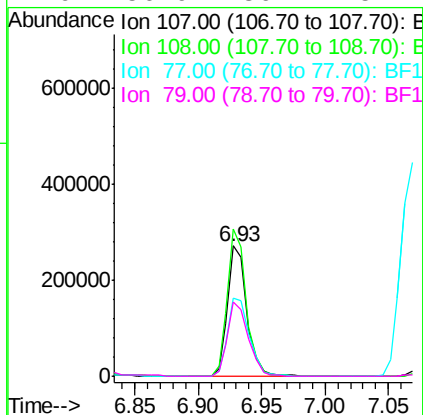
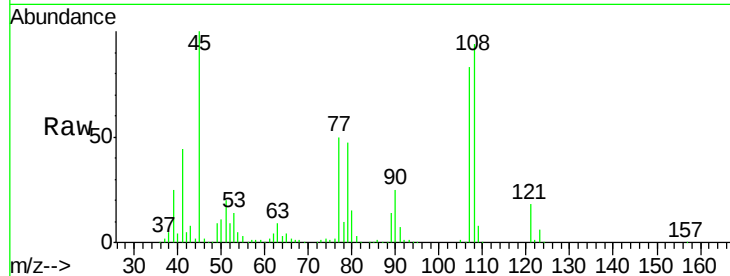




#17
2-Methylphenol
Concen: 39.989 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

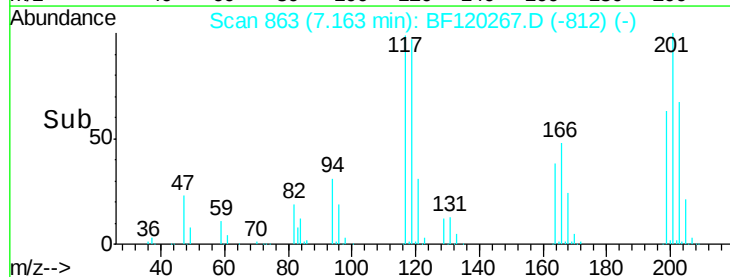
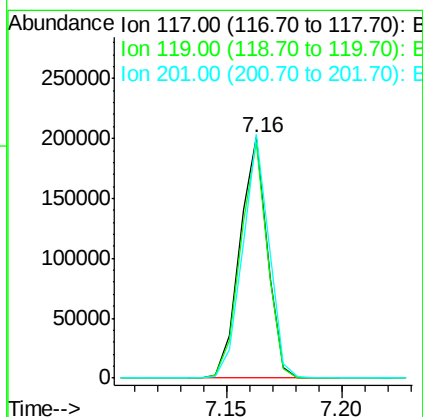
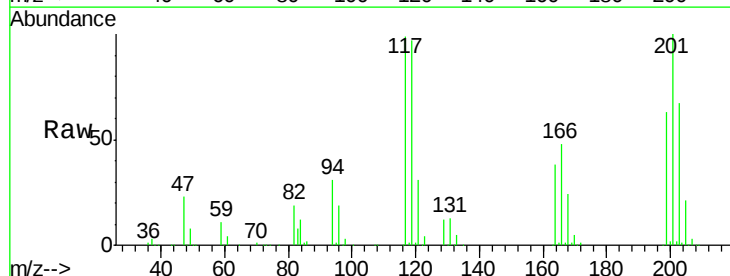
Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

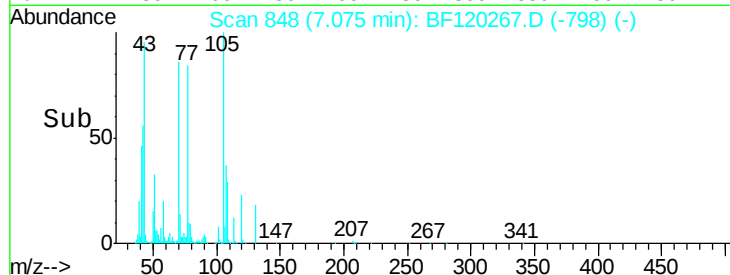
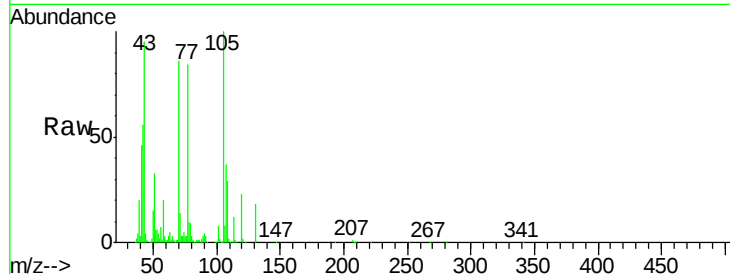
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	92.2	138.4
77	60.3	36.6	54.8#
79	56.9	36.2	54.4#



#18
Hexachloroethane
Concen: 50.170 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.1	114.1
201	101.2	73.0	109.6

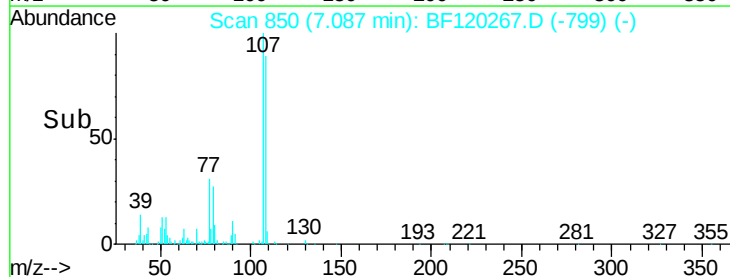
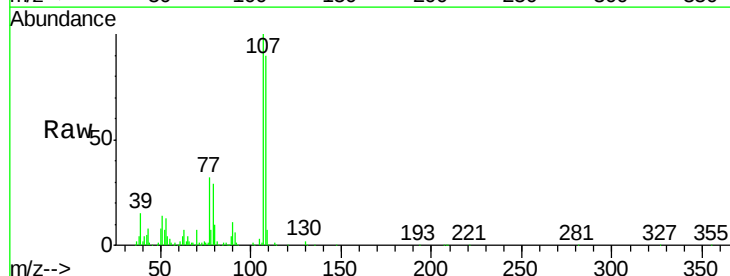
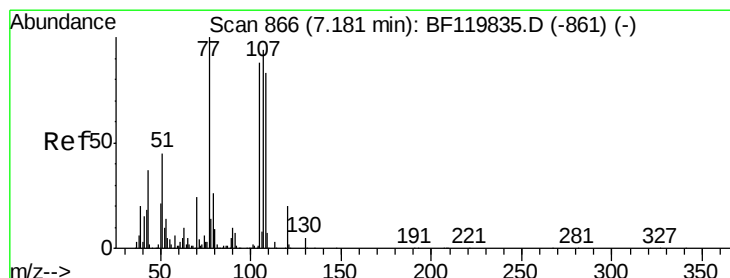
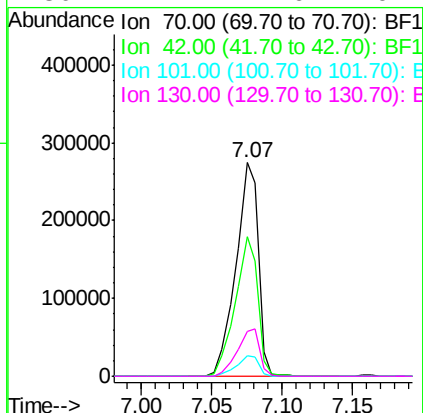




#19
n-Nitroso-di-n-propylamine
Concen: 51.123 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

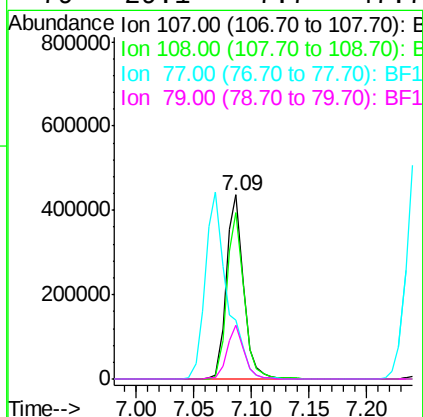
Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

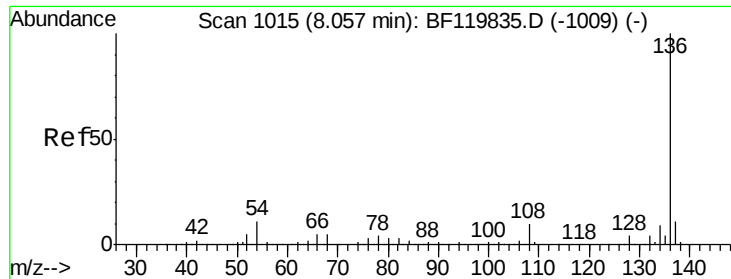
Tot Ion:	70	Resp:	301543
Ion	Ratio	Lower	Upper
70	100		
42	65.2	54.5	81.7
101	9.3	7.6	11.4
130	21.2	17.6	26.4



#20
3+4-Methylphenols
Concen: 51.897 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:	107	Resp:	450518
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	32.3	52.9	92.9#
79	29.1	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

Tot Ion:136 Resp: 405711

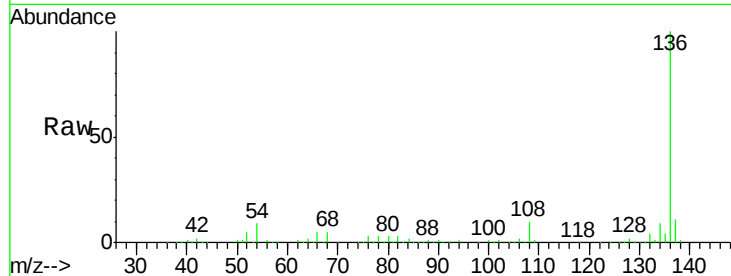
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.5 9.1 13.7

68 5.1 4.6 6.8

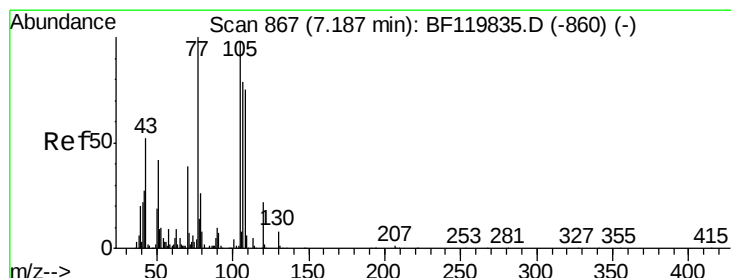
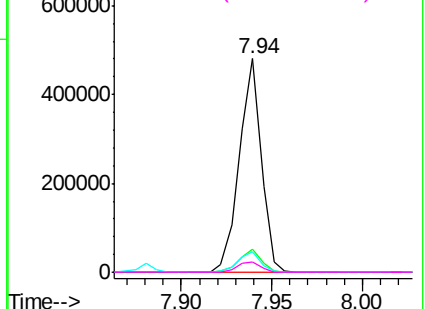
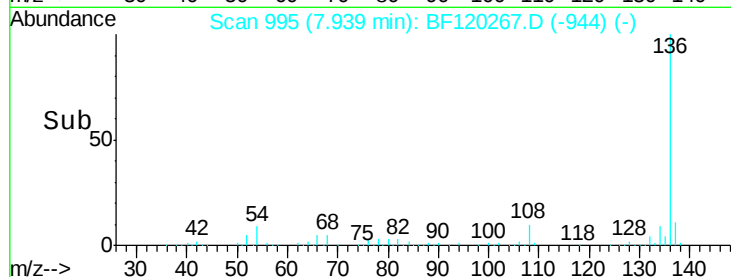


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 63.206 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:105 Resp: 600487

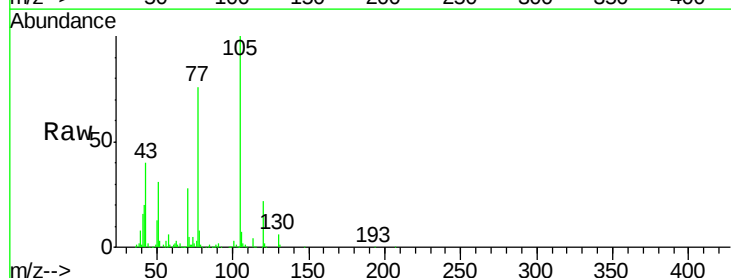
Ion Ratio Lower Upper

105 100

71 4.8 5.7 8.5#

51 30.8 26.2 39.4

120 22.5 18.3 27.5

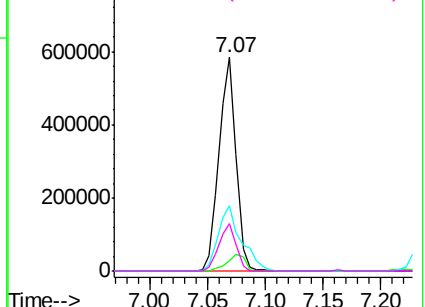
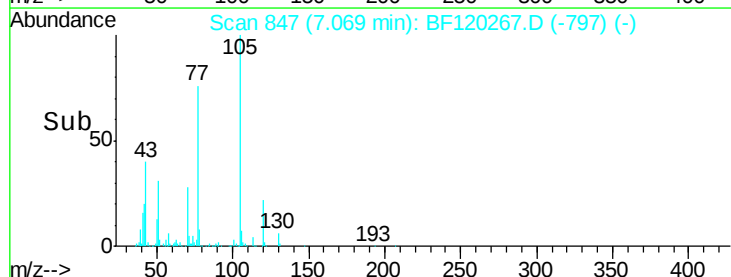


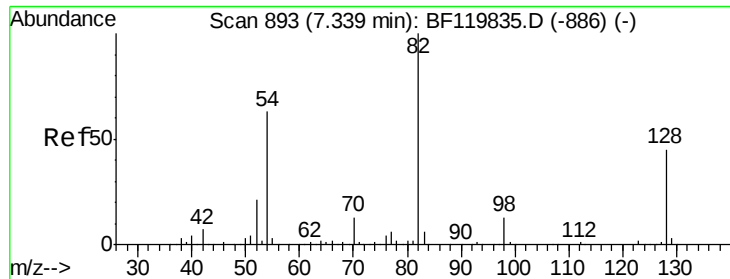
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

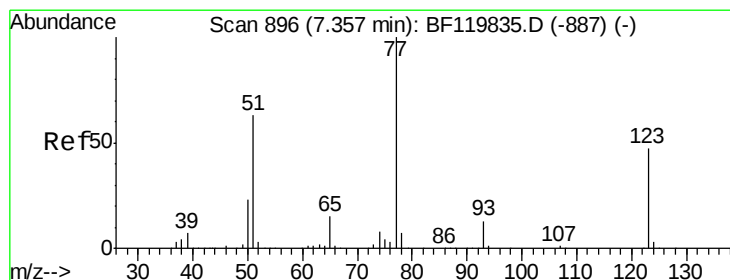
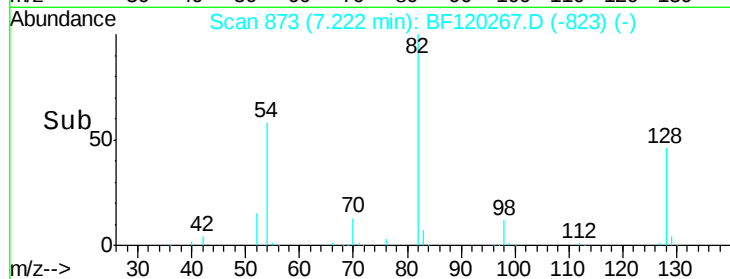
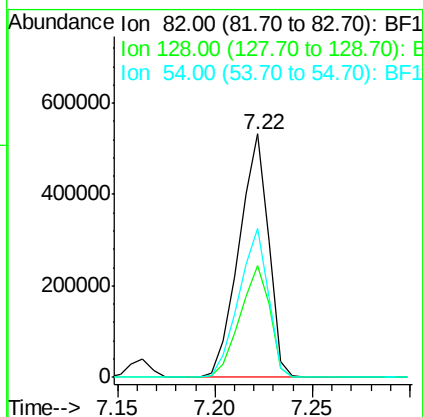
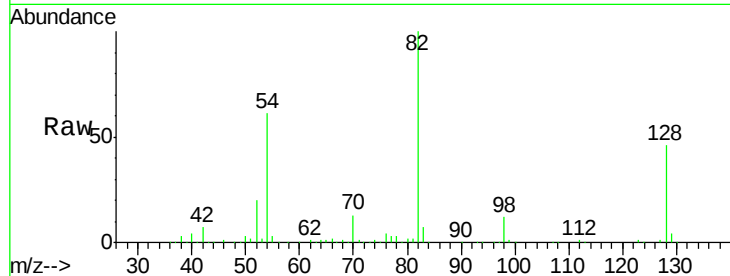




#23
Nitrobenzene-d5
Concen: 70.974 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

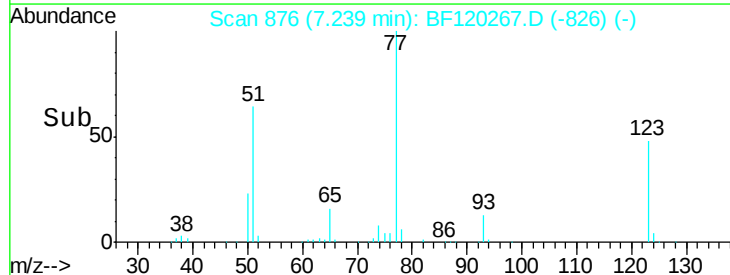
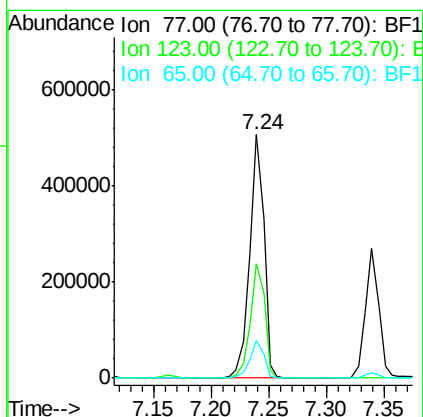
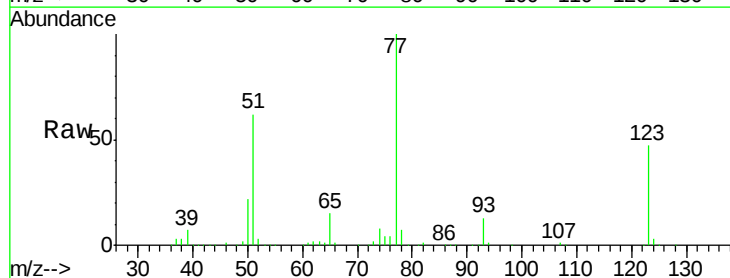
Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion: 82 Resp: 556601
Ion Ratio Lower Upper
82 100
128 46.2 36.3 54.5
54 61.4 50.6 75.8



#24
Nitrobenzene
Concen: 55.164 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion: 77 Resp: 435193
Ion Ratio Lower Upper
77 100
123 47.1 38.0 57.0
65 15.4 12.6 18.8





#25

Isophorone

Concen: 47.890 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

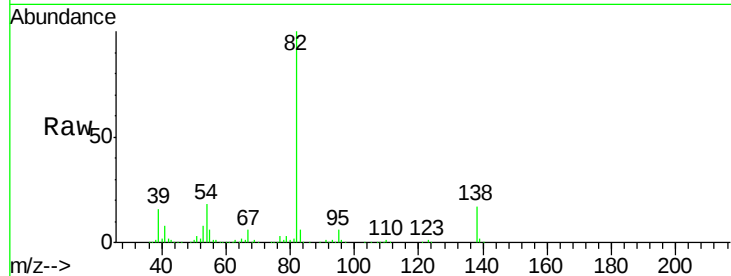
Tot Ion: 82 Resp: 723987

Ion Ratio Lower Upper

82 100

95 6.4 5.8 8.6

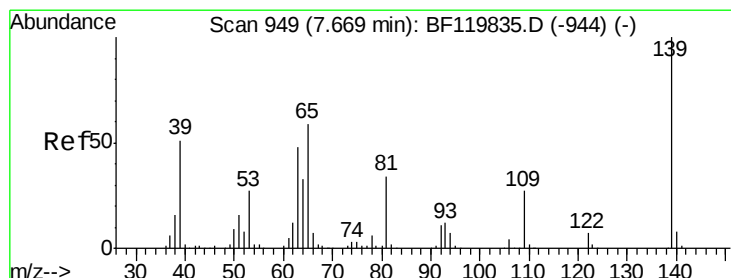
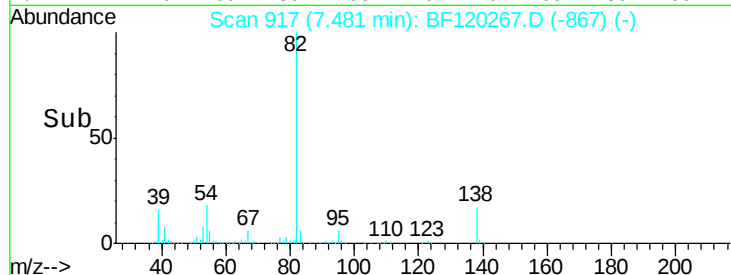
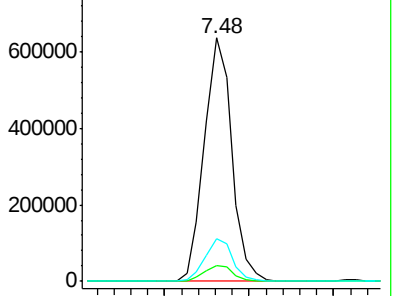
138 17.3 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.456 ng

RT: 7.56 min Scan# 930

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

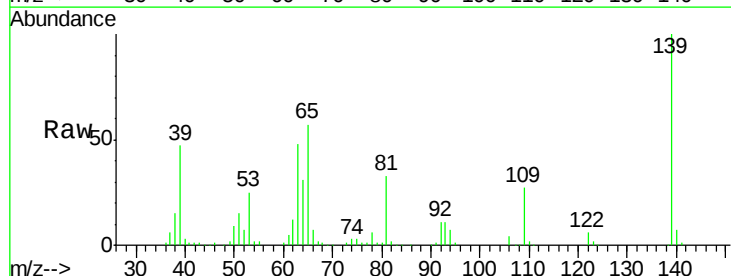
Tgt Ion: 139 Resp: 187042

Ion Ratio Lower Upper

139 100

109 27.3 22.1 33.1

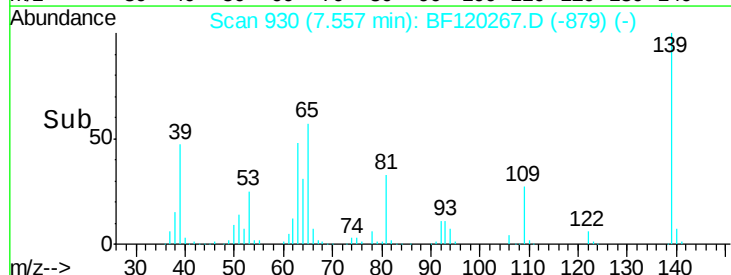
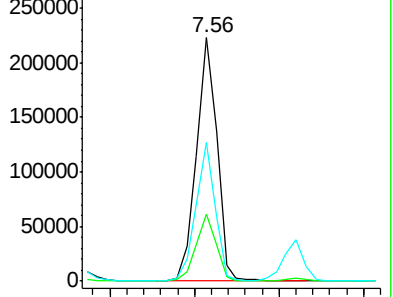
65 56.8 49.2 73.8

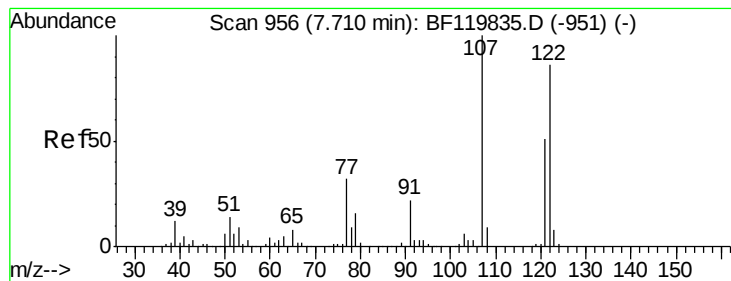


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

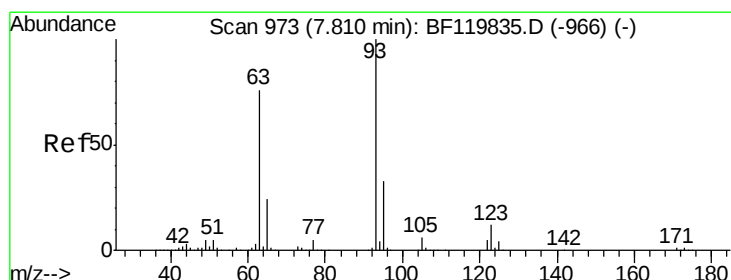
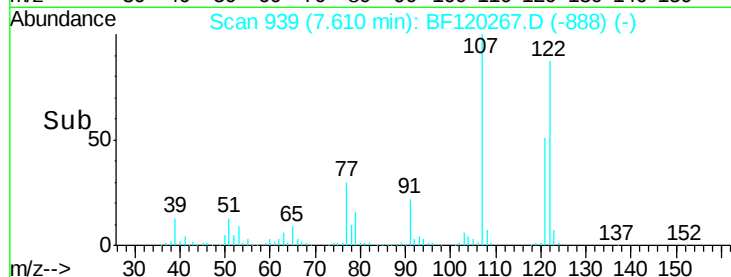
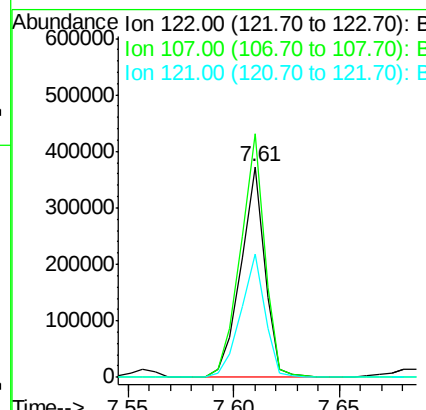
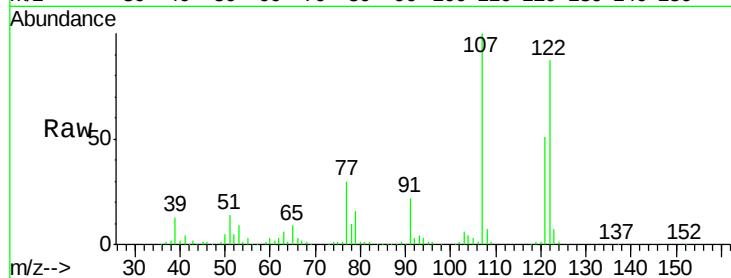




#27
 2,4-Dimethylphenol
 Concen: 49.732 ng
 RT: 7.61 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

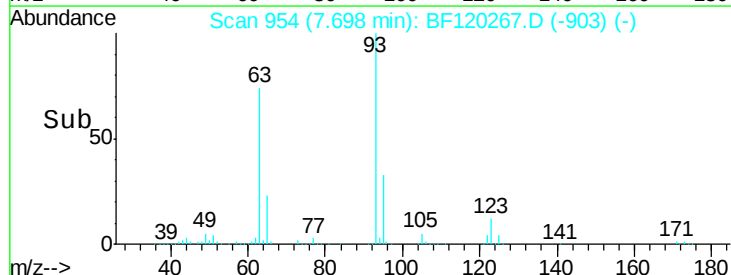
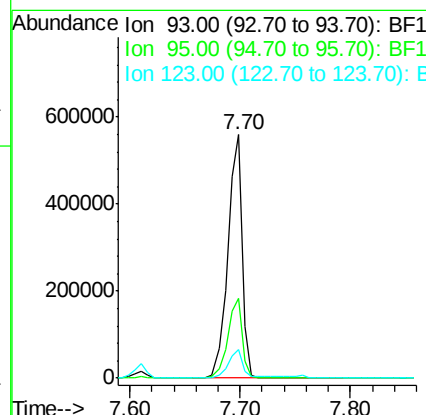
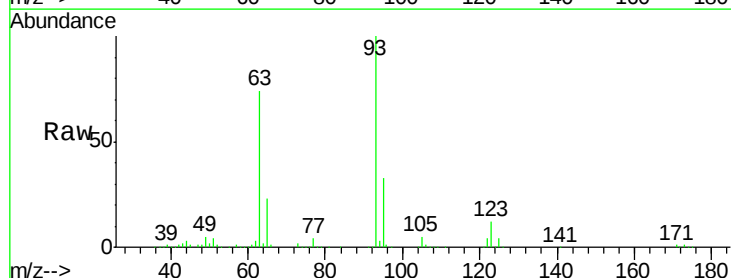
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

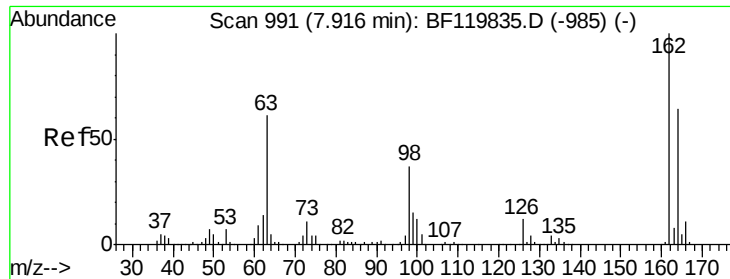
Tot Ion:	122	Resp:	295626
Ion	Ratio	Lower	Upper
122	100		
107	115.6	89.0	133.6
121	58.7	46.7	70.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 56.954 ng
 RT: 7.70 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:	93	Resp:	506653
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.9	9.7	14.5

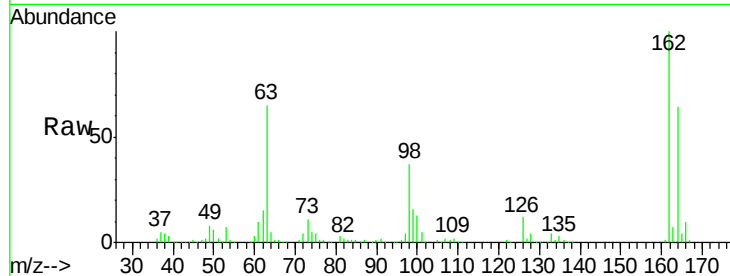




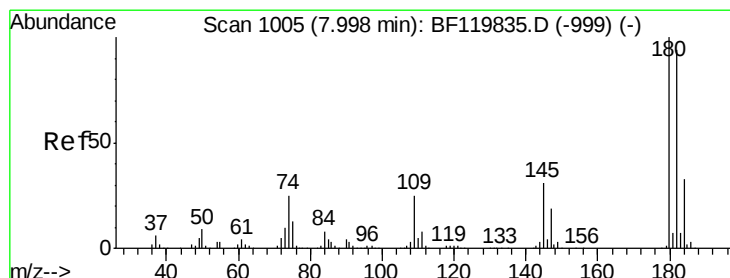
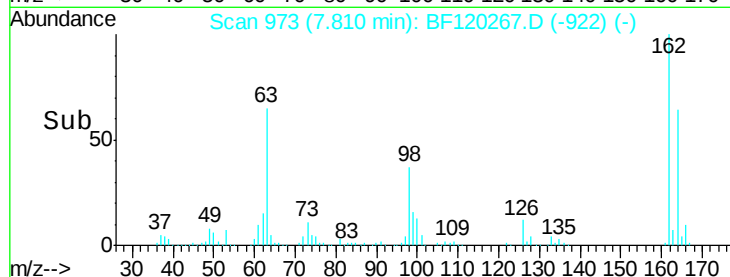
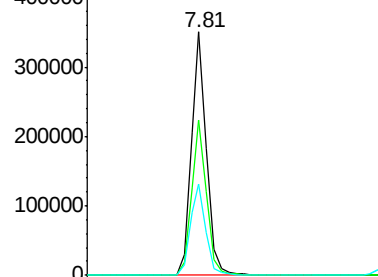
#29
2,4-Dichlorophenol
Concen: 48.051 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:162 Resp: 292780
Ion Ratio Lower Upper
162 100
164 63.6 44.7 84.7
98 37.5 20.7 60.7

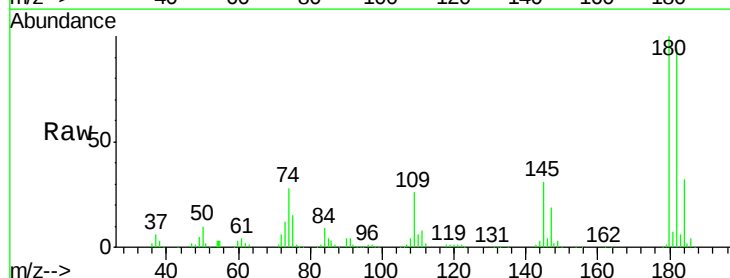


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

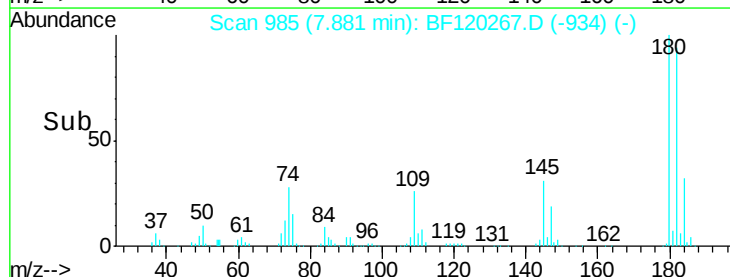
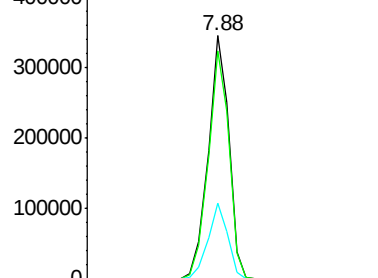


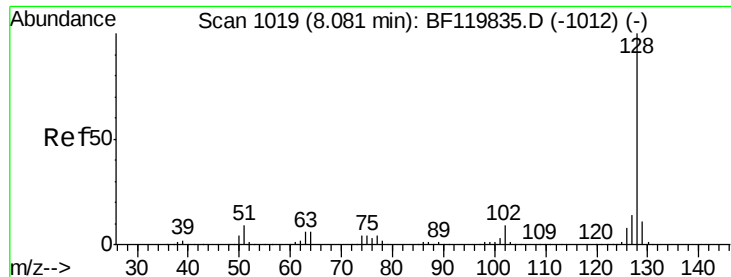
#30
1,2,4-Trichlorobenzene
Concen: 45.239 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:180 Resp: 312329
Ion Ratio Lower Upper
180 100
182 93.7 74.7 112.1
145 31.2 24.5 36.7



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

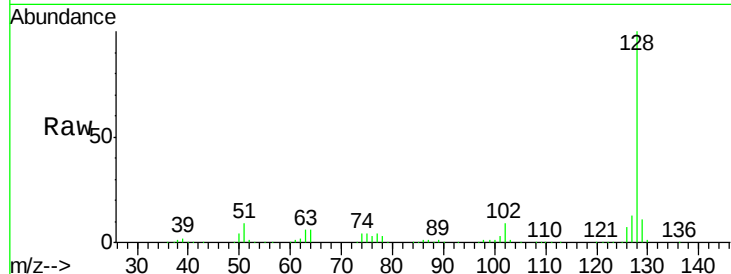




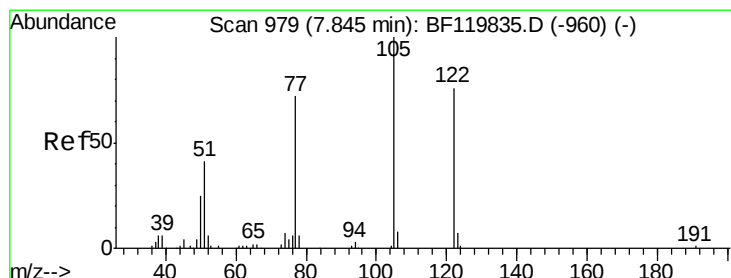
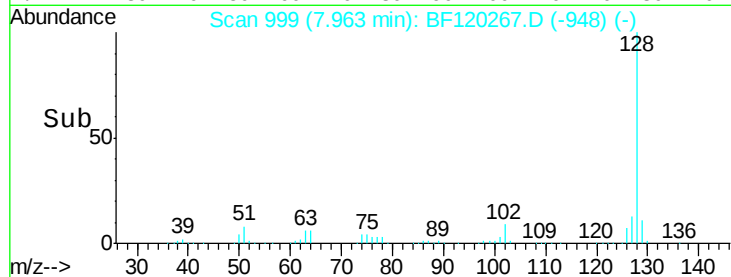
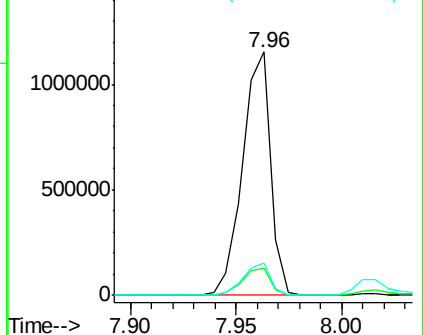
#31
Naphthalene
Concen: 49.751 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:128 Resp: 1061968
Ion Ratio Lower Upper
128 100
129 11.1 9.5 14.3
127 13.1 11.3 16.9

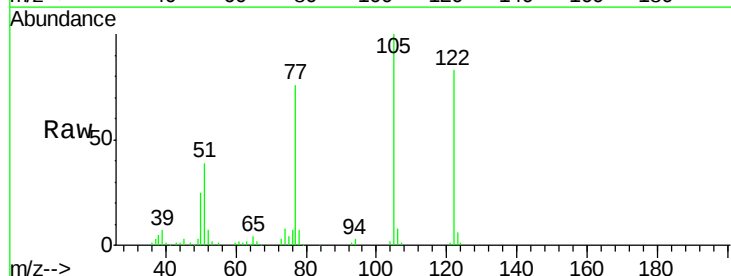


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

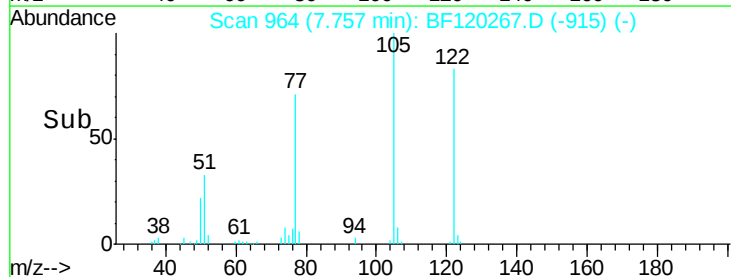
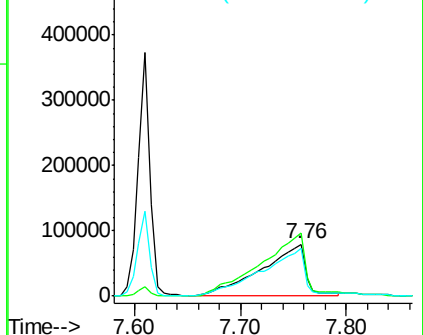


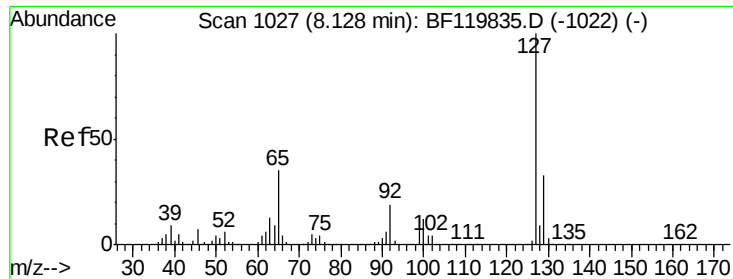
#32
Benzoic acid
Concen: 43.355 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:122 Resp: 226341
Ion Ratio Lower Upper
122 100
105 121.0 104.9 144.9
77 92.3 74.4 114.4



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

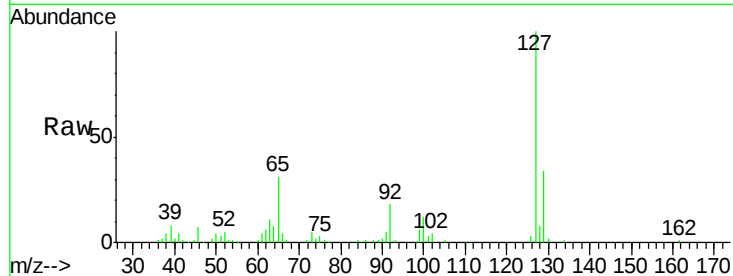




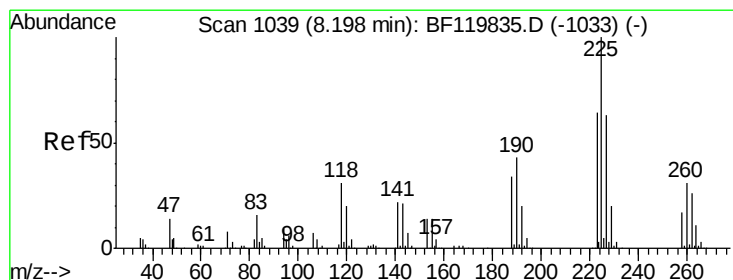
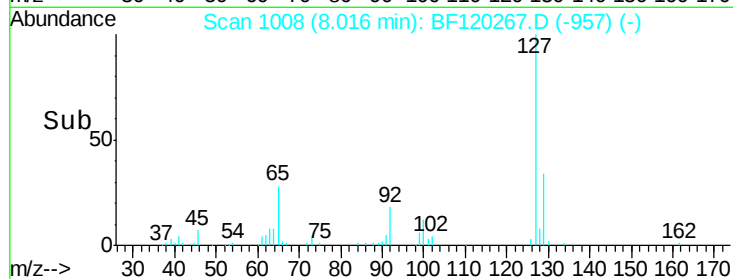
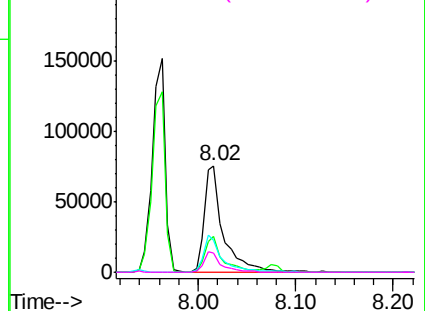
#33
4-Chloroaniline
Concen: 10.997 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:	127	Resp:	102192
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.2	39.4
65	30.6	27.4	41.0
92	17.9	15.3	22.9

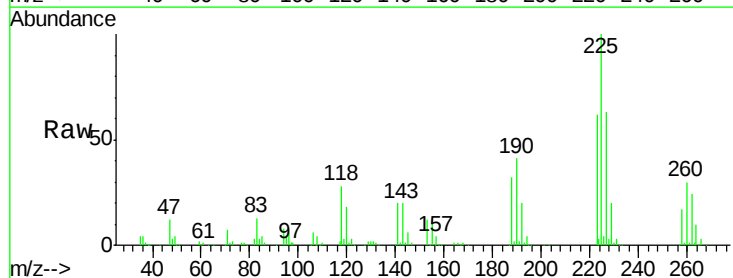


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

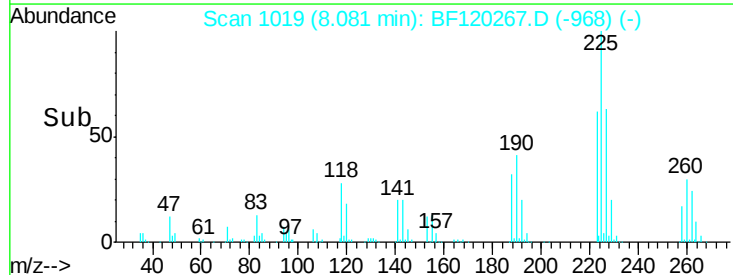
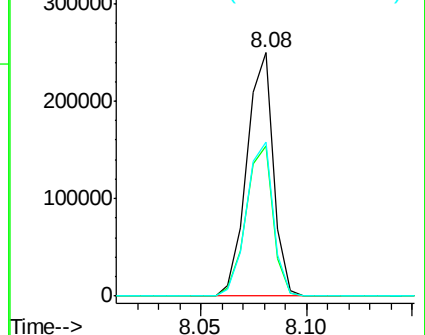


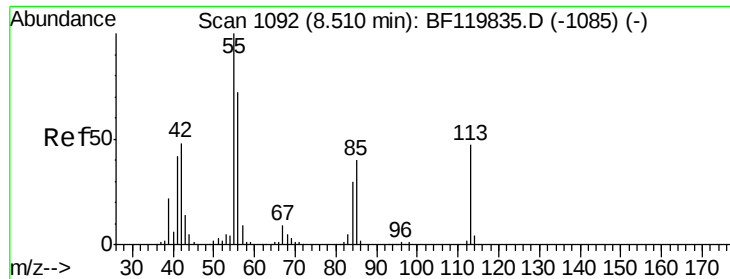
#34
Hexachlorobutadiene
Concen: 52.575 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:	225	Resp:	217281
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.0	76.6
227	63.1	50.7	76.1



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

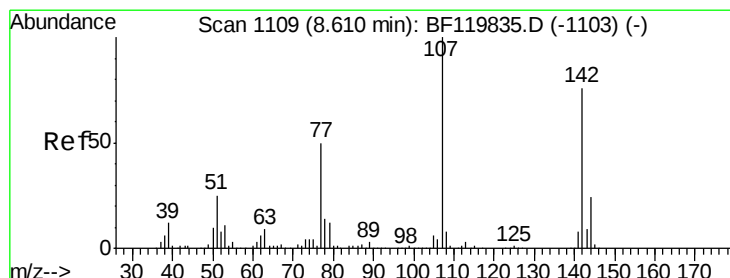
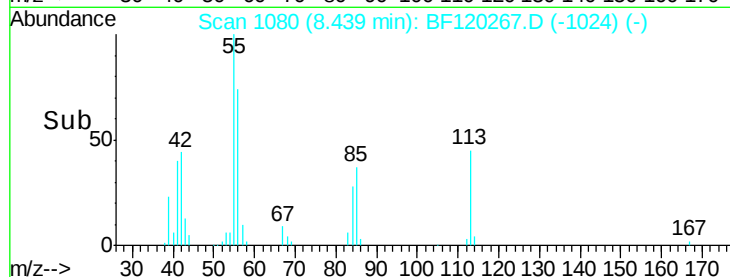
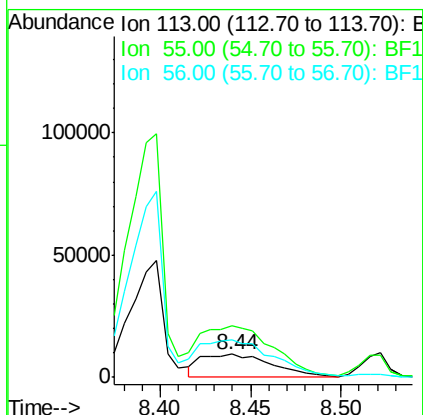
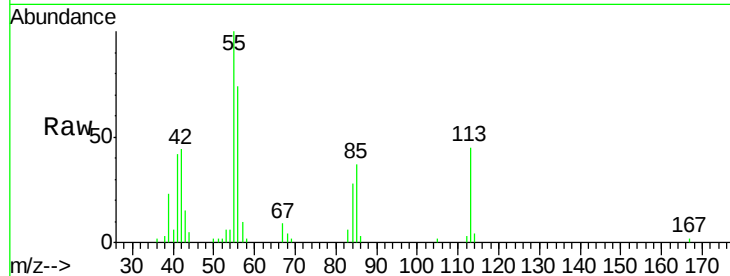




#35
 Caprolactam
 Concen: 13.901 ng
 RT: 8.44 min Scan# 1080
 Delta R.T. 0.03 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

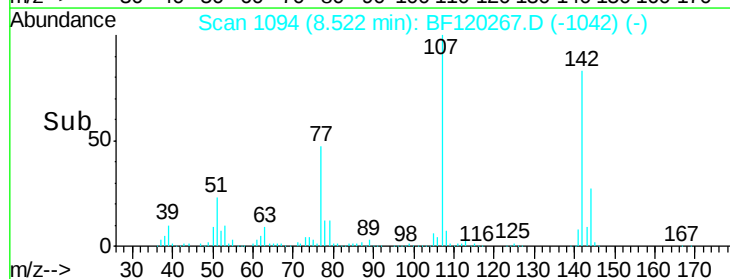
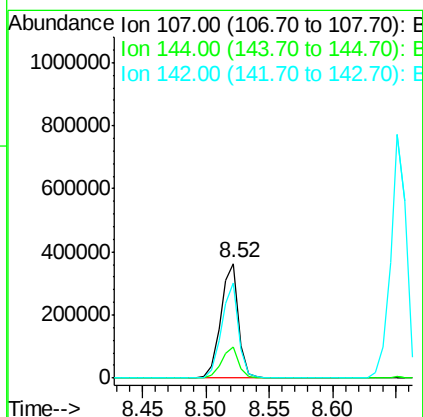
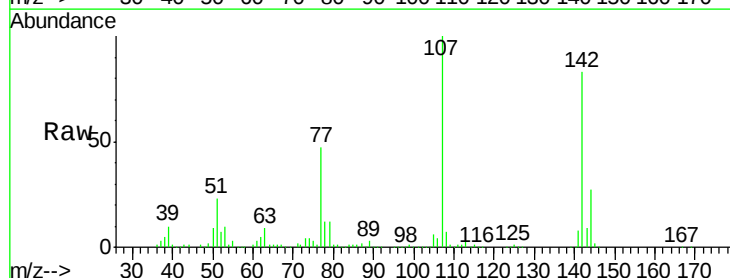
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

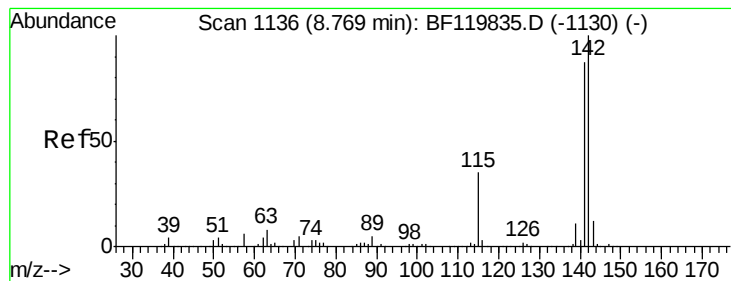
Tot Ion:113 Resp: 25909
 Ion Ratio Lower Upper
 113 100
 55 220.2 218.4 258.4
 56 162.6 148.9 188.9



#36
 4-Chloro-3-methylphenol
 Concen: 53.660 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. 0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:107 Resp: 353983
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.0 31.6
 142 83.3 64.4 96.6





#37

2-Methylnaphthalene

Concen: 46.164 ng

RT: 8.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

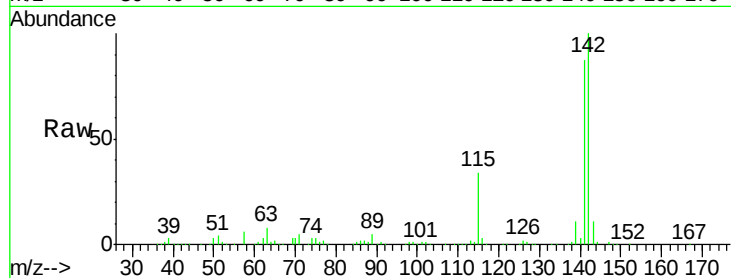
Tot Ion:142 Resp: 668064

Ion Ratio Lower Upper

142 100

141 86.7 71.7 107.5

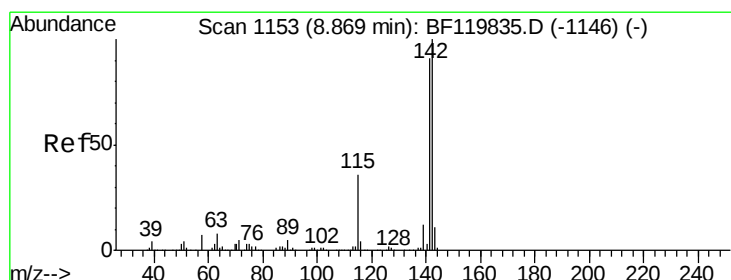
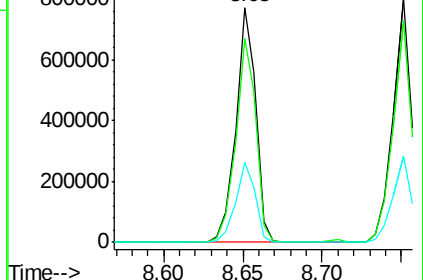
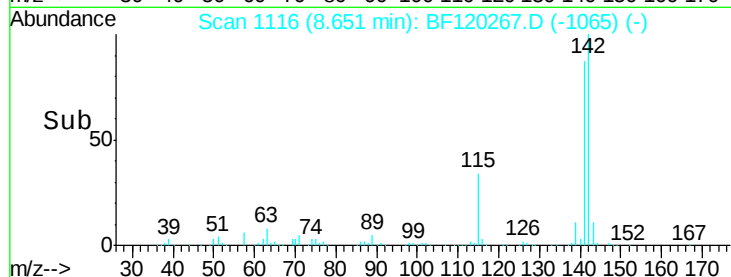
115 34.3 27.9 41.9



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: 46.538 ng

RT: 8.75 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

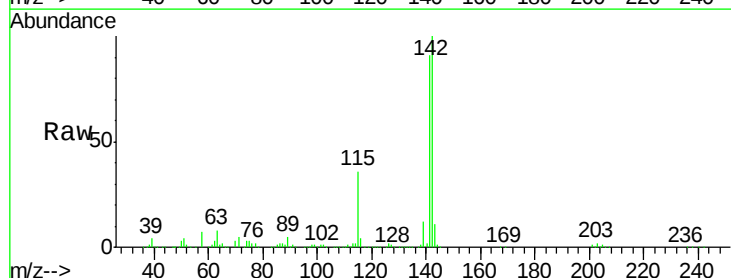
Tgt Ion:142 Resp: 634787

Ion Ratio Lower Upper

142 100

141 91.2 73.7 110.5

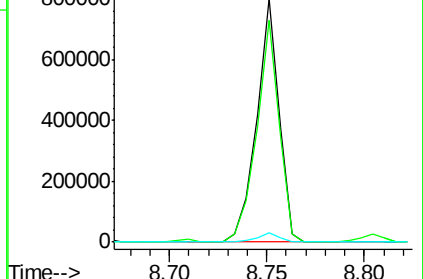
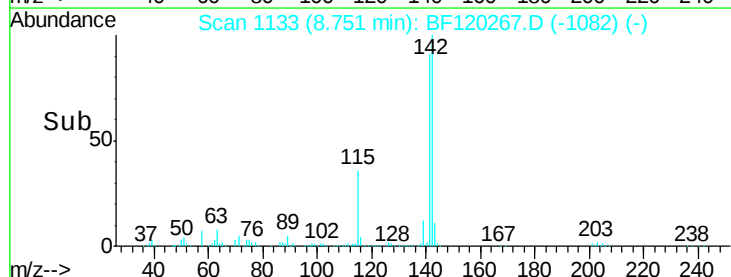
116 3.6 3.0 4.6

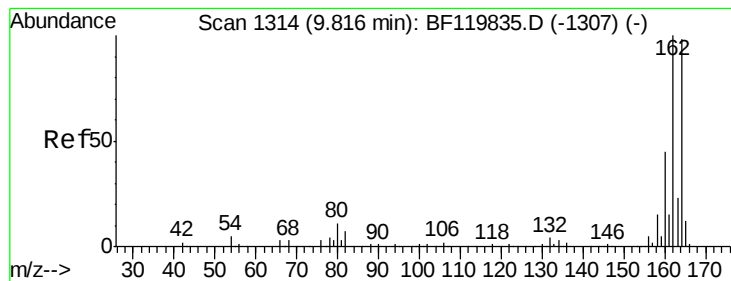


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

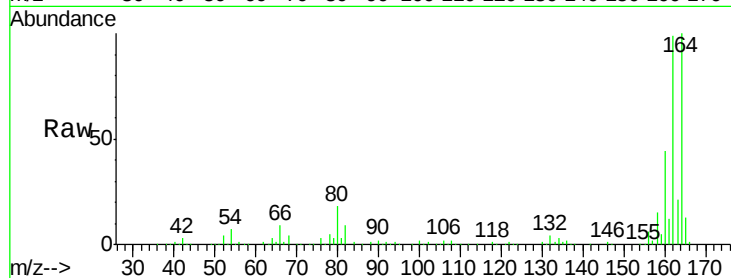
Tot Ion:164 Resp: 208551

Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

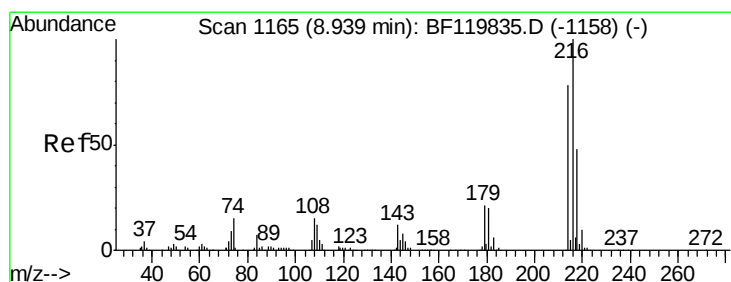
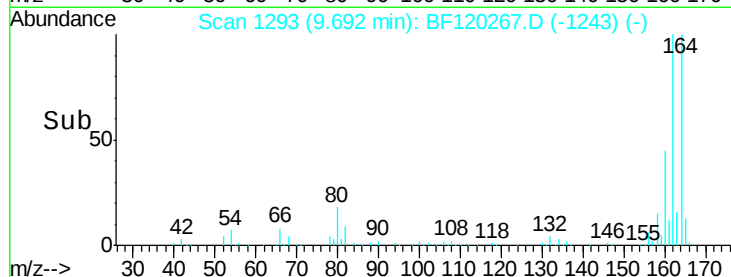
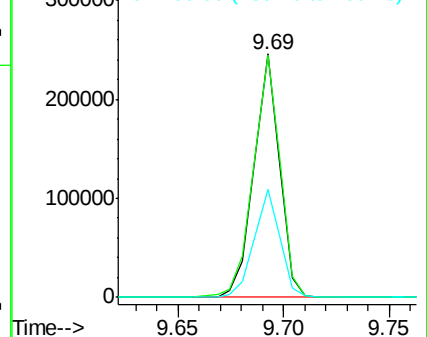
160 44.4 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.566 ng

RT: 8.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Tgt Ion:216 Resp: 300142

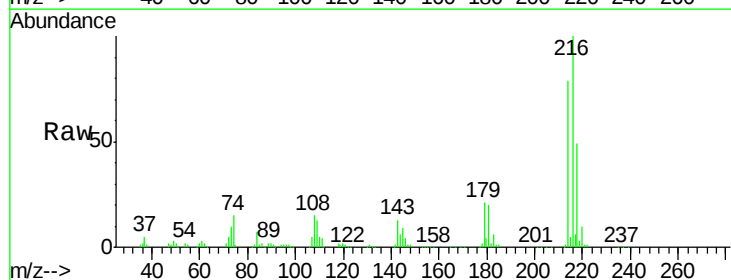
Ion Ratio Lower Upper

216 100

214 79.2 63.2 94.8

179 21.2 17.1 25.7

108 18.0 15.1 22.7

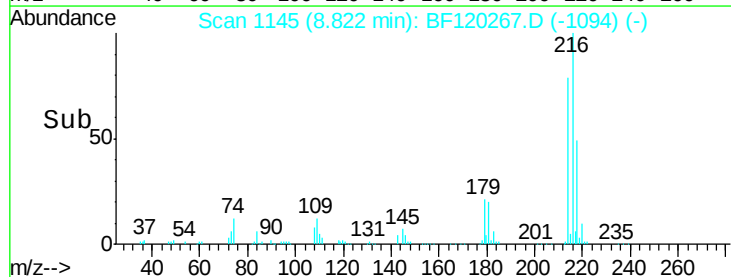
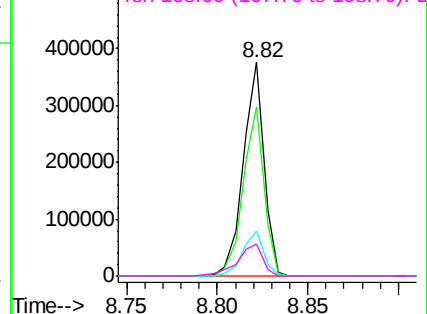


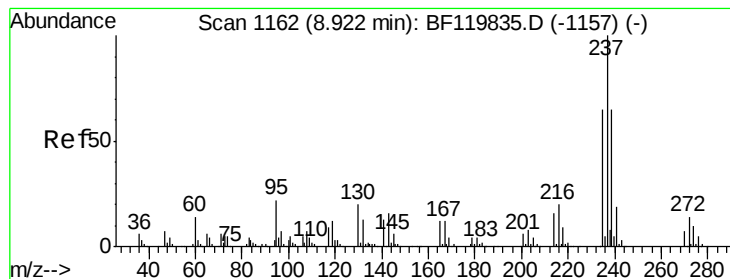
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 45.990 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

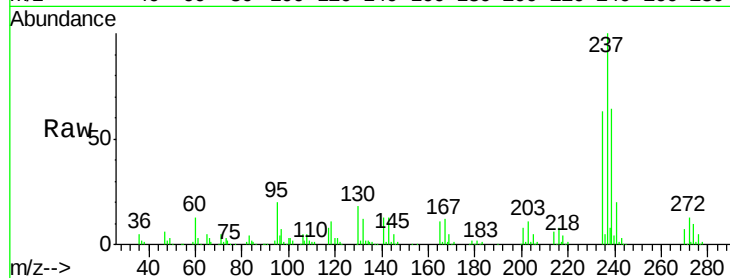
Tot Ion:237 Resp: 172260

Ion Ratio Lower Upper

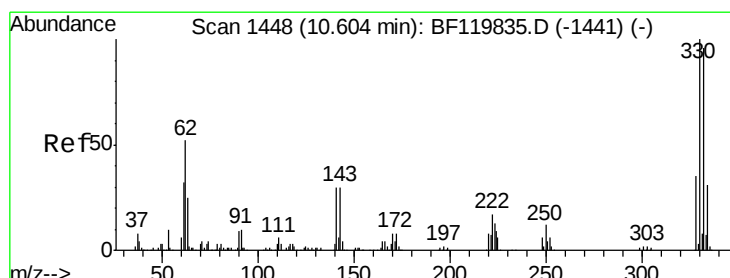
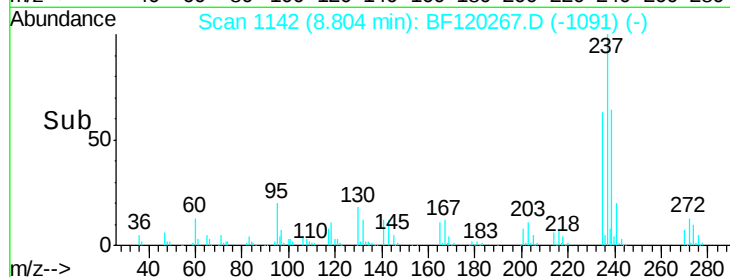
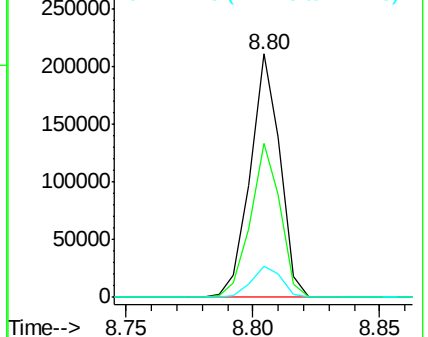
237 100

235 63.2 43.2 83.2

272 12.6 0.0 34.1



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: 71.395 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

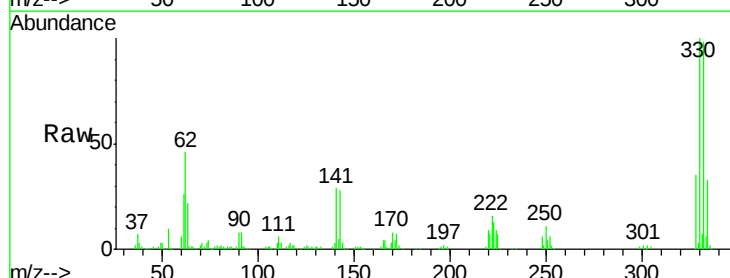
Tgt Ion:330 Resp: 182298

Ion Ratio Lower Upper

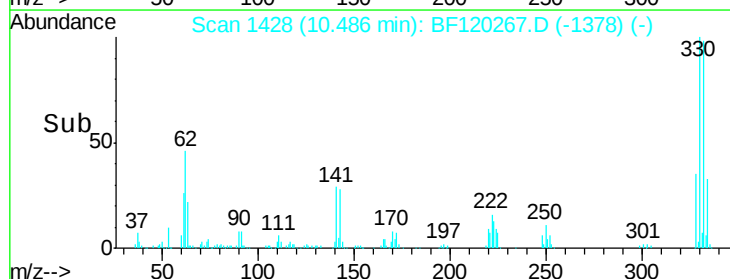
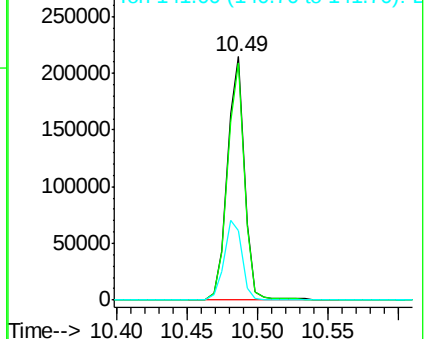
330 100

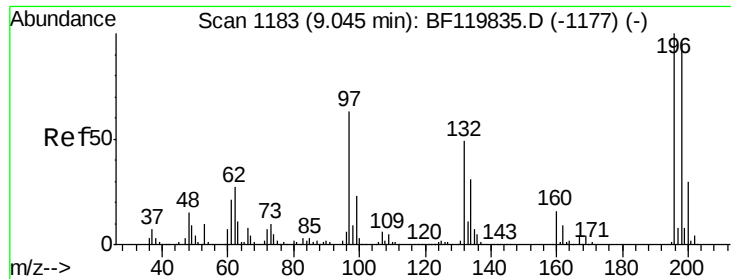
332 97.0 75.7 113.5

141 34.5 25.4 38.0



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

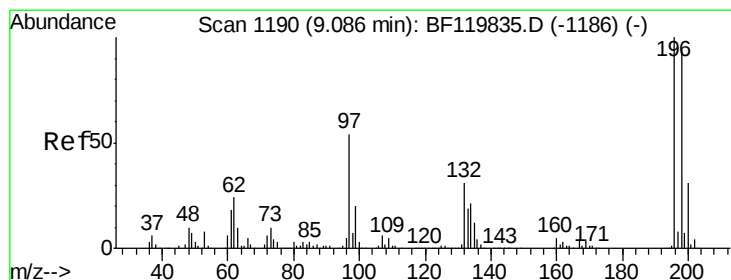
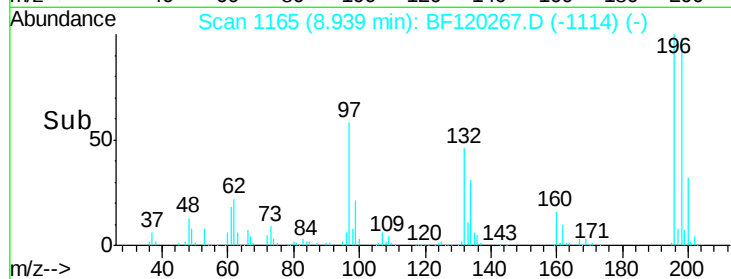
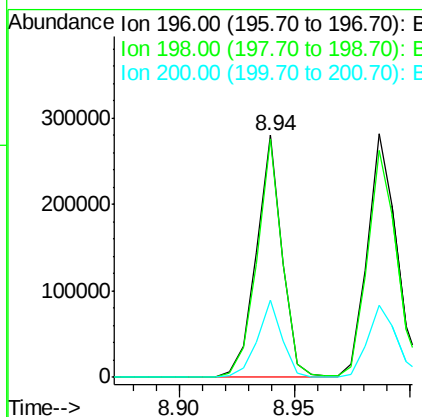
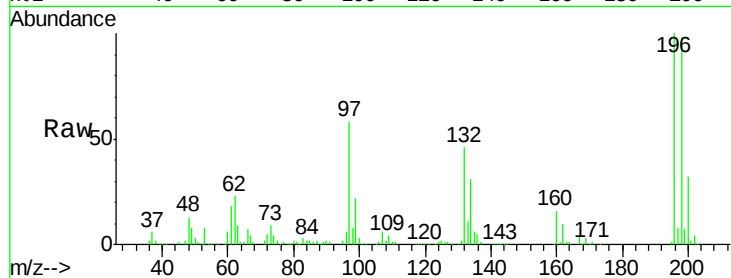




#43
 2,4,6-Trichlorophenol
 Concen: 48.274 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

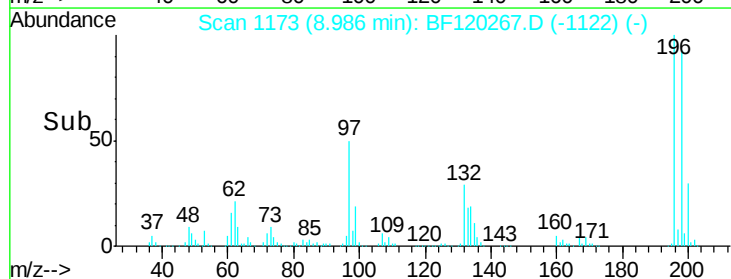
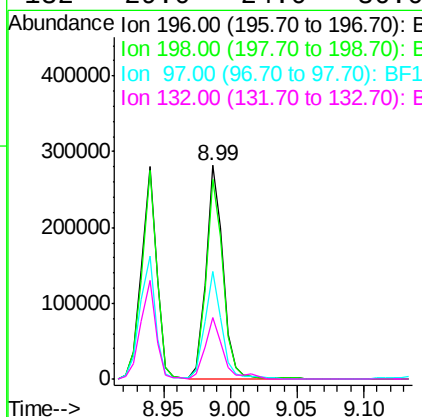
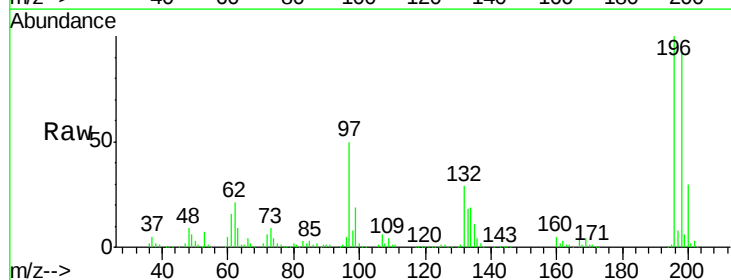
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

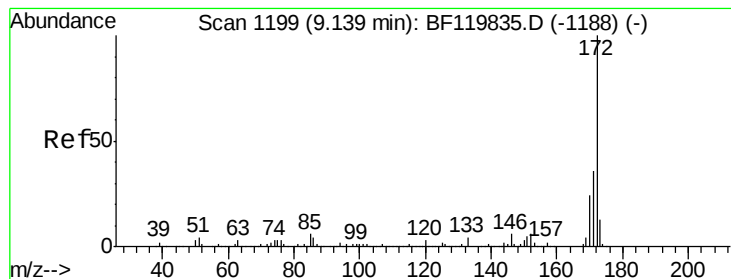
Tot Ion	196	Resp	219578
Ion Ratio	Lower	Upper	
196	100		
198	98.4	76.6	115.0
200	32.1	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 49.100 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	196	Resp	251544
Ion Ratio	Lower	Upper	
196	100		
198	93.4	73.8	110.8
97	50.2	42.6	63.8
132	29.0	24.0	36.0





#45

2-Fluorobiphenyl

Concen: 75.013 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

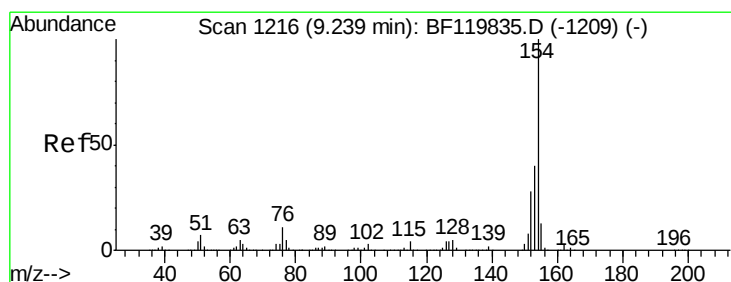
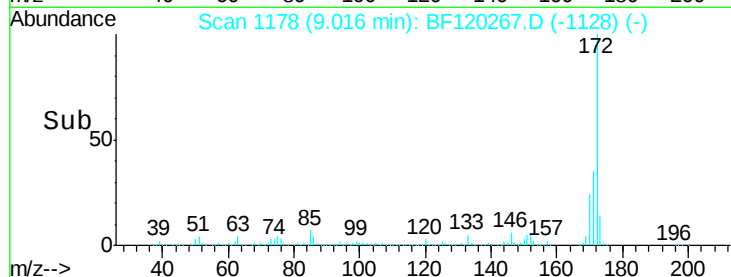
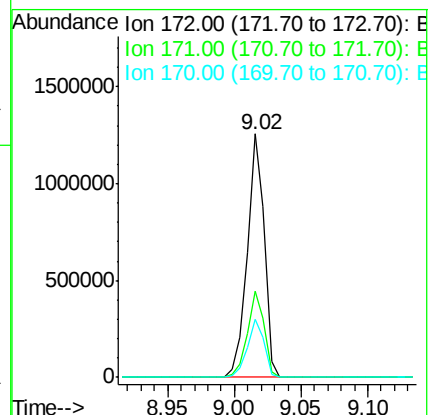
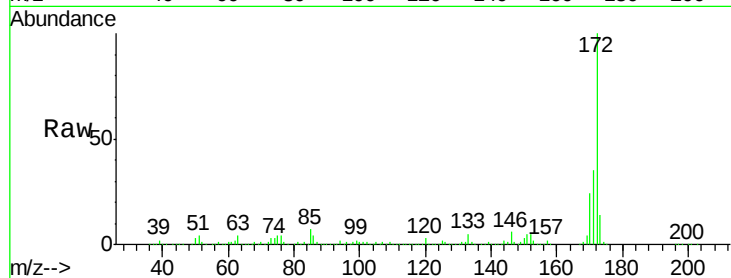
Tot Ion:172 Resp: 1101856

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

170 23.6 20.2 30.2



#46

1,1'-Biphenyl

Concen: 54.568 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

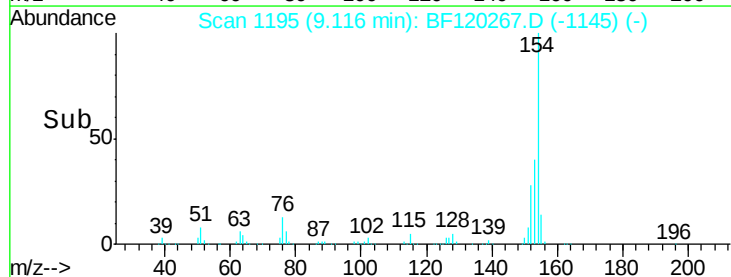
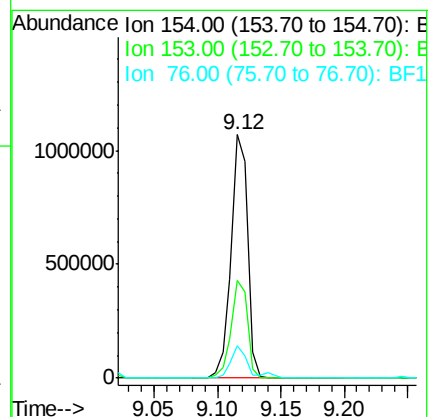
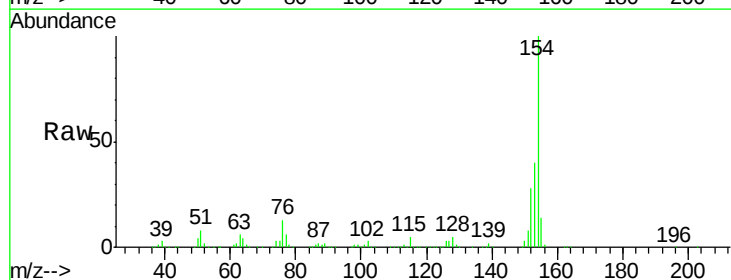
Tgt Ion:154 Resp: 960554

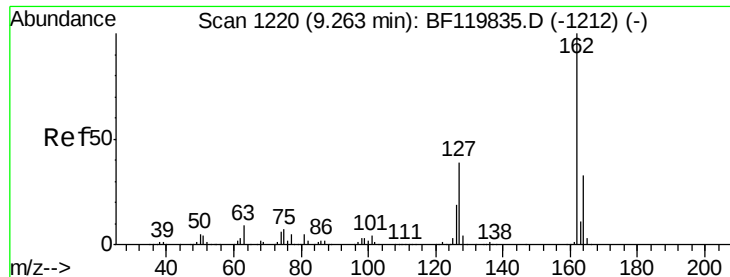
Ion Ratio Lower Upper

154 100

153 40.2 21.4 61.4

76 13.1 0.0 33.0

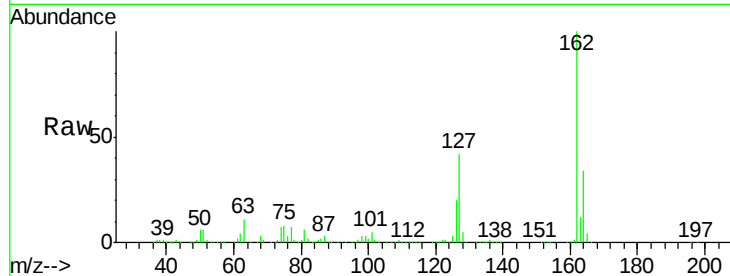




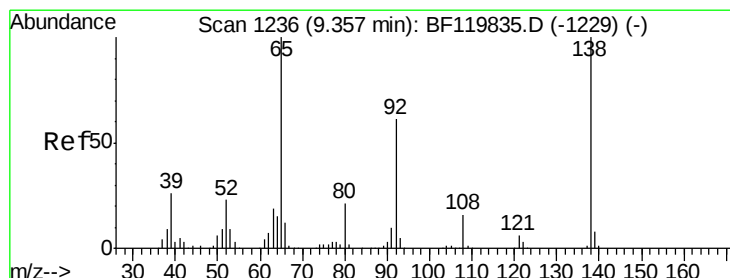
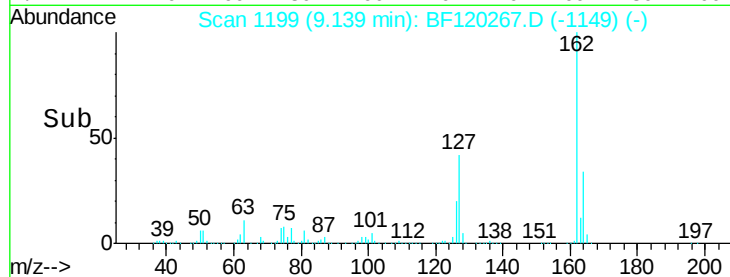
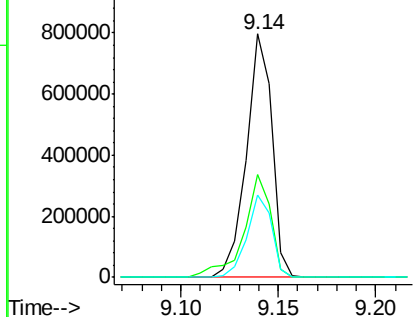
#47
 2-Chloronaphthalene
 Concen: 53.429 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion:162 Resp: 724516
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.7 50.5
 164 33.6 26.3 39.5

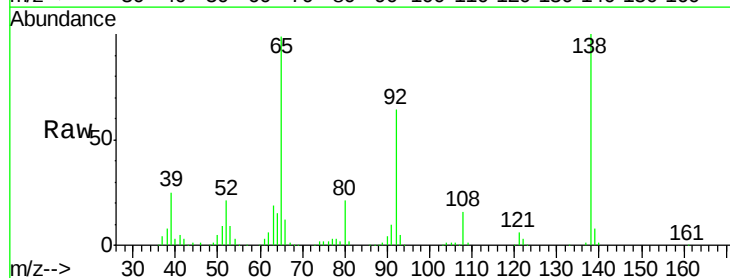


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

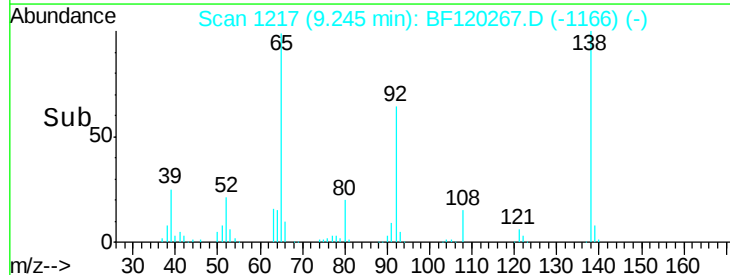
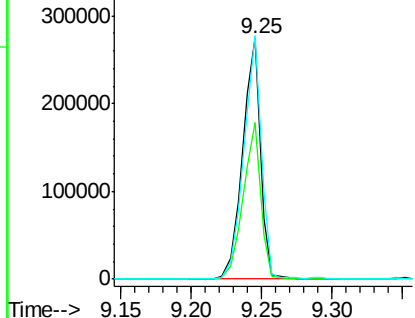


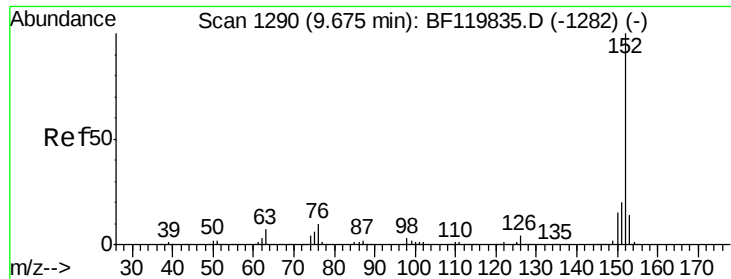
#48
 2-Nitroaniline
 Concen: 49.245 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion: 65 Resp: 241995
 Ion Ratio Lower Upper
 65 100
 92 65.1 50.0 75.0
 138 101.1 75.0 112.4



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





#49

Acenaphthylene

Concen: 53.570 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

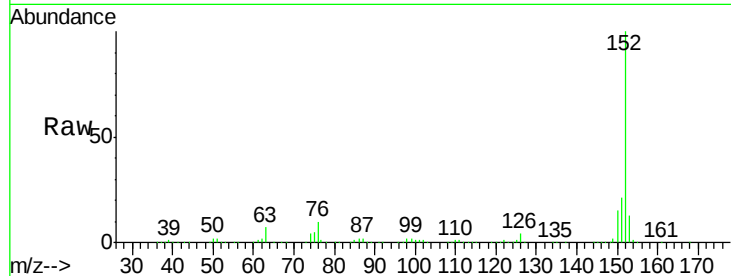
Tot Ion:152 Resp: 1104751

Ion Ratio Lower Upper

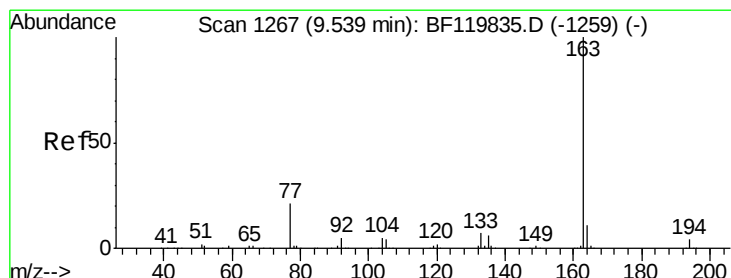
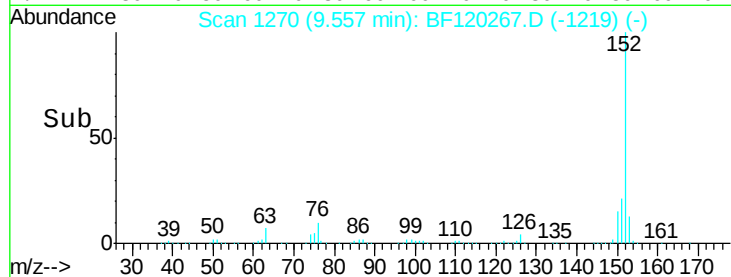
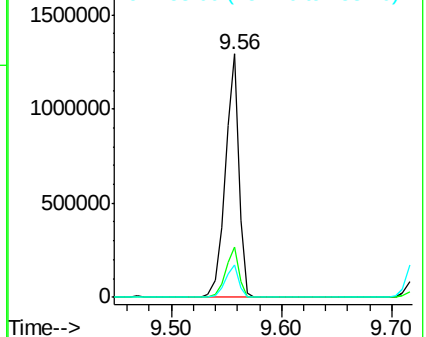
152 100

151 20.7 17.2 25.8

153 13.4 11.2 16.8



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: 64.629 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

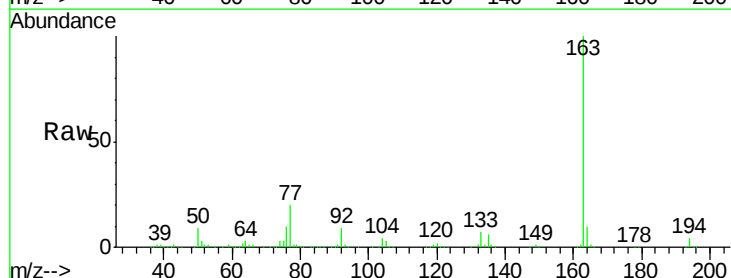
Tgt Ion:163 Resp: 1042544

Ion Ratio Lower Upper

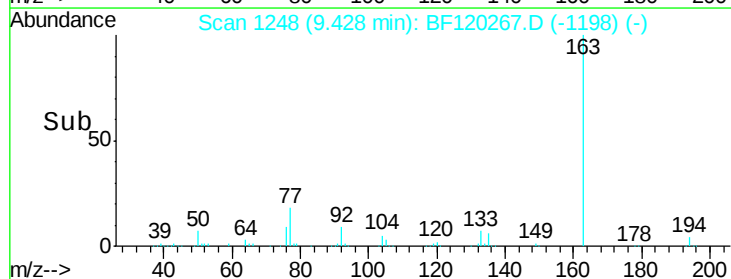
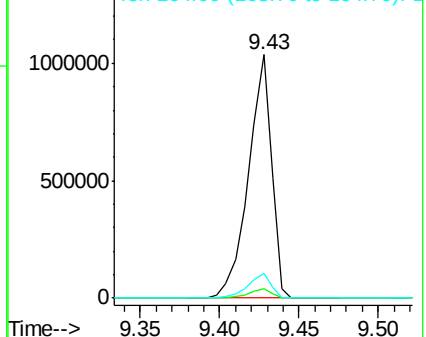
163 100

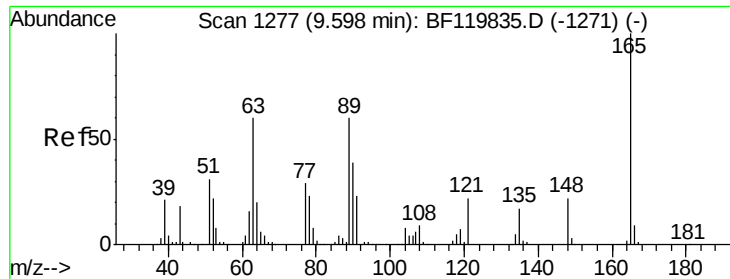
194 3.8 3.1 4.7

164 10.1 8.2 12.2



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

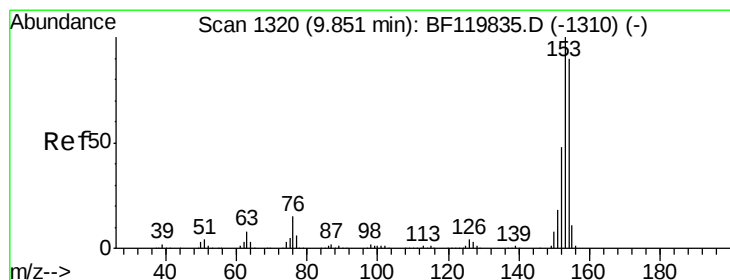
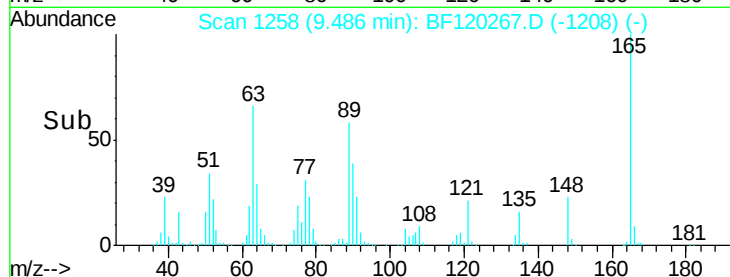
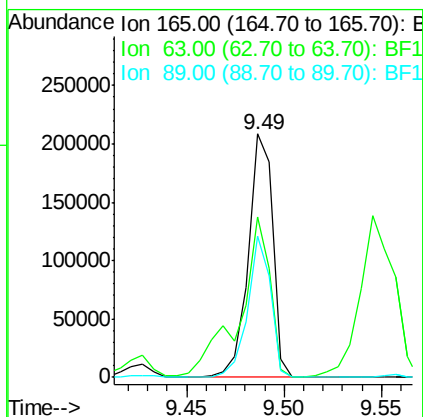
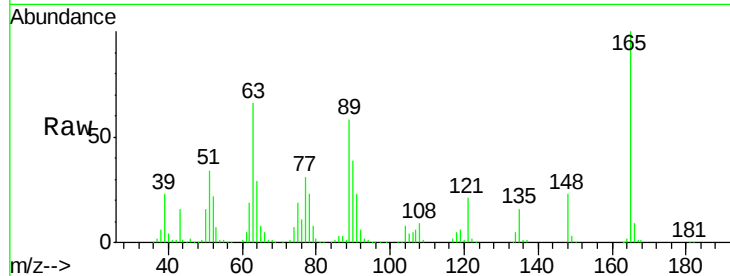




#51
 2,6-Dinitrotoluene
 Concen: 51.094 ng
 RT: 9.49 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

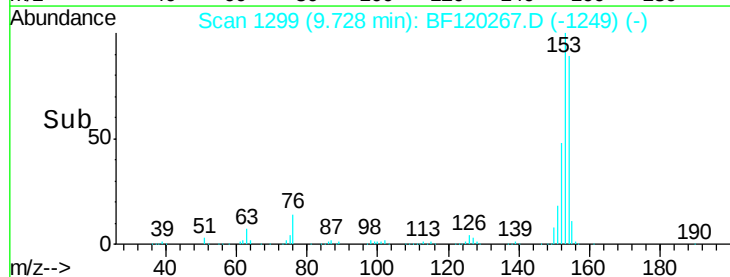
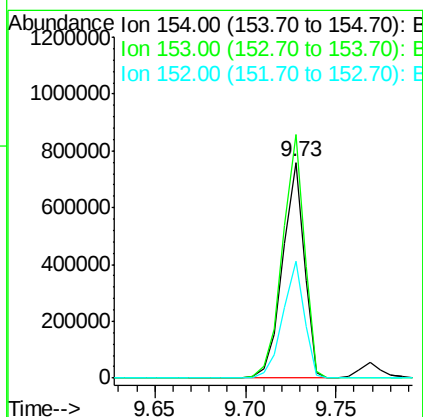
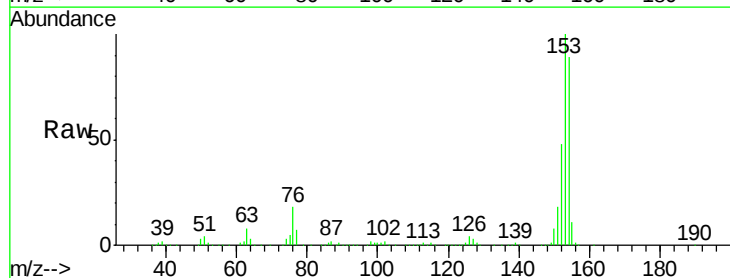
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

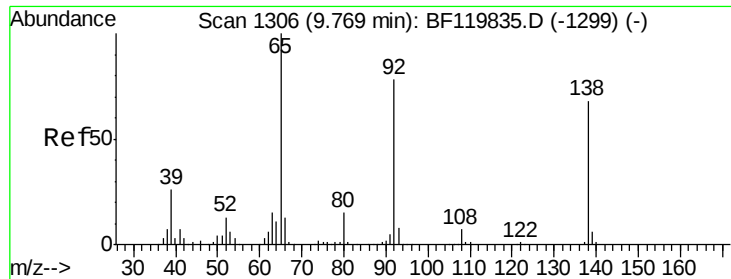
Tot Ion	Ratio	Lower	Upper
165	100		
63	65.9	45.0	67.4
89	57.8	41.5	62.3



#52
 Acenaphthene
 Concen: 46.168 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	88.1	132.1
152	54.2	43.0	64.4

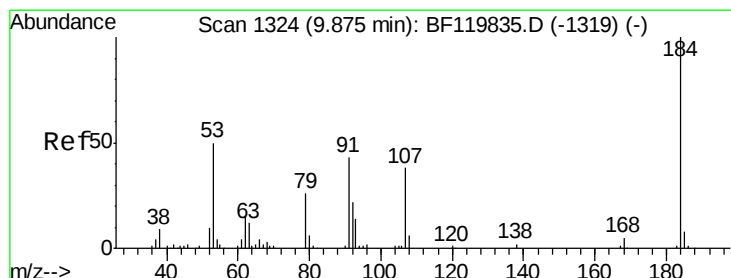
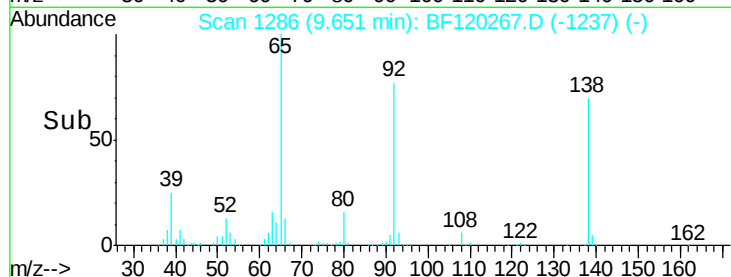
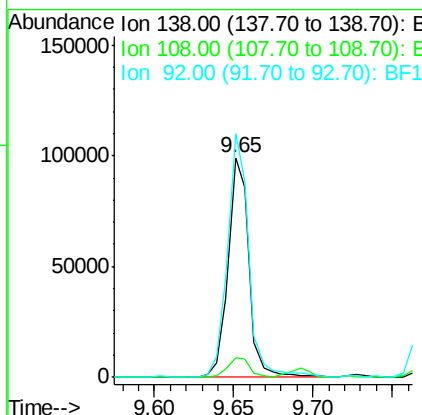
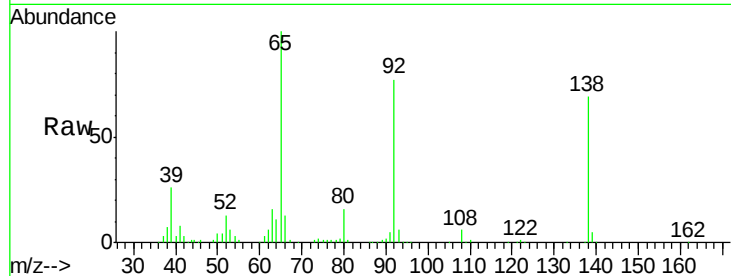




#53
 3-Nitroaniline
 Concen: 22.373 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

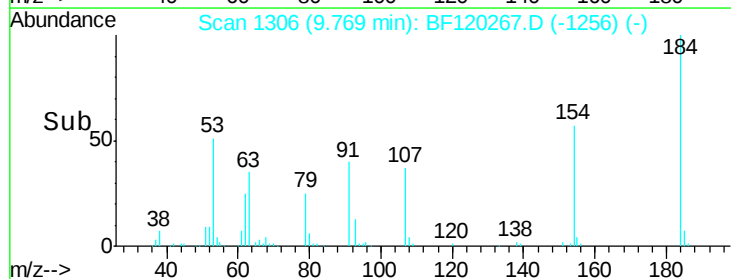
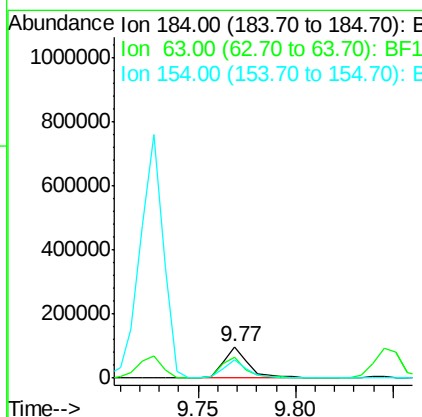
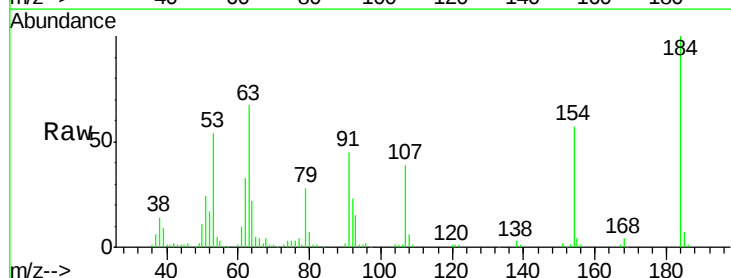
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

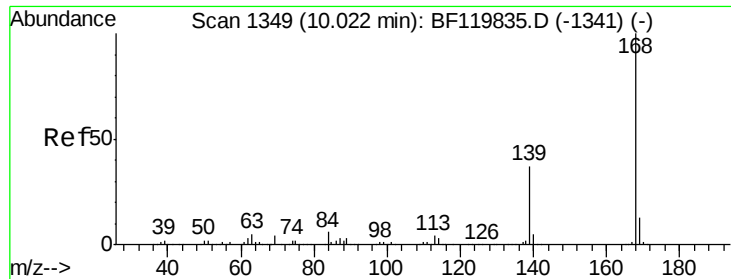
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	8.6	13.0
92	111.0	95.4	143.0



#54
 2,4-Dinitrophenol
 Concen: 40.864 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.6	50.2	75.4
154	56.7	44.5	66.7

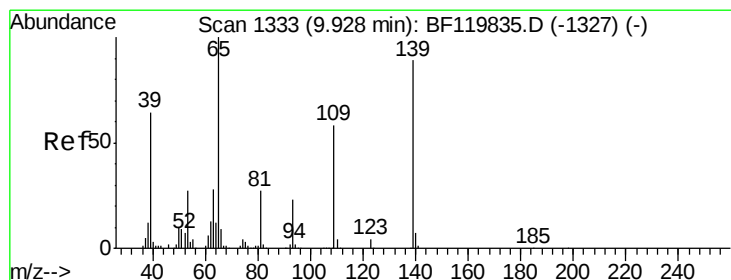
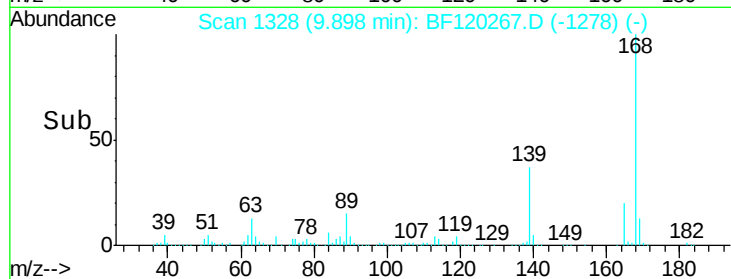
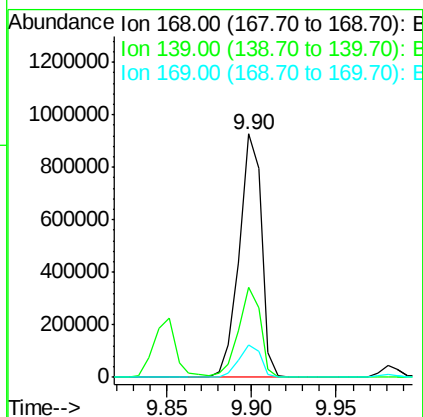
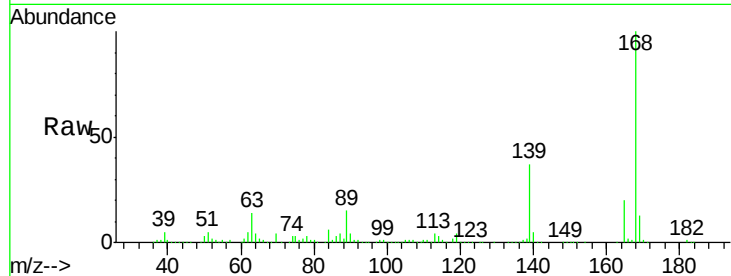




#55
Dibenzofuran
Concen: 45.036 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

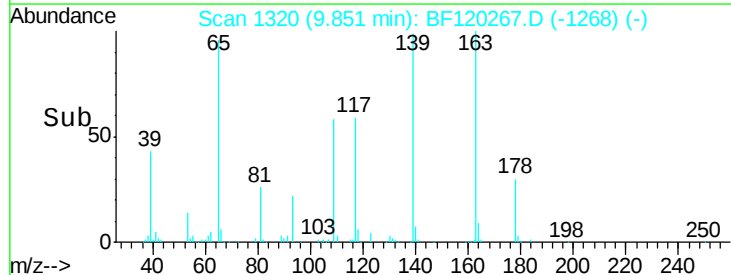
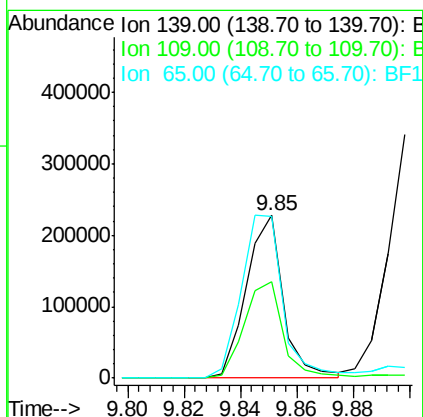
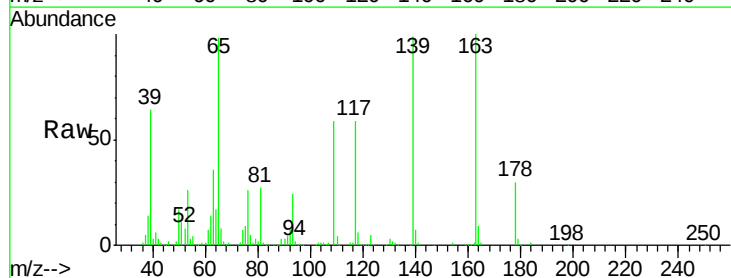
Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

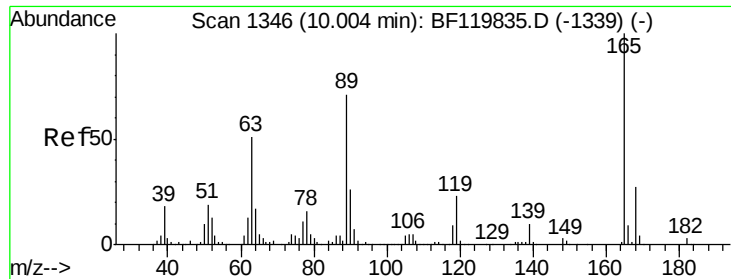
Tot Ion:168 Resp: 850171
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 68.915 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:139 Resp: 206869
Ion Ratio Lower Upper
139 100
109 59.2 43.3 83.3
65 99.2 91.0 131.0

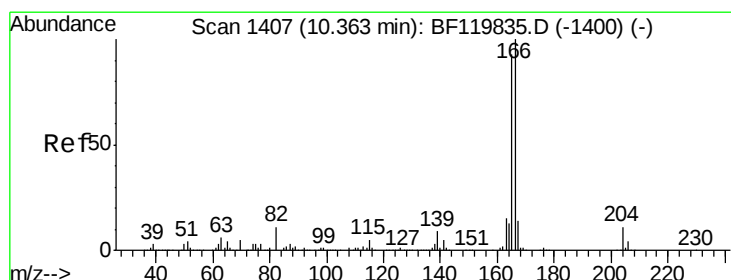
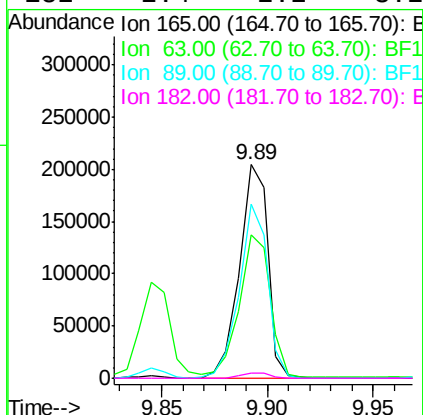
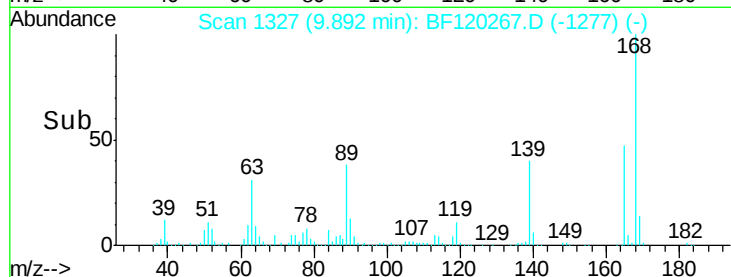
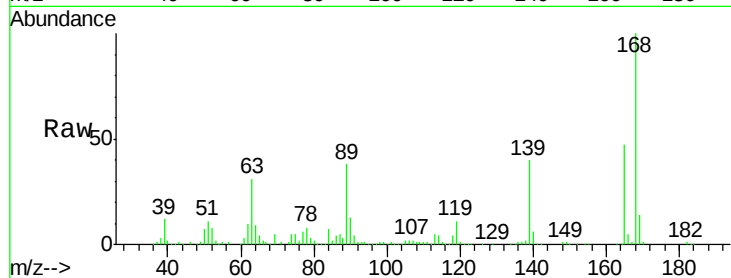




#57
2,4-Dinitrotoluene
Concen: 40.895 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

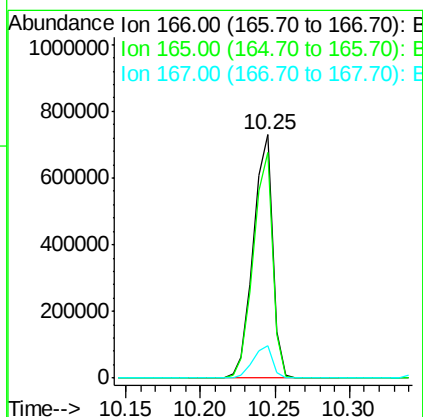
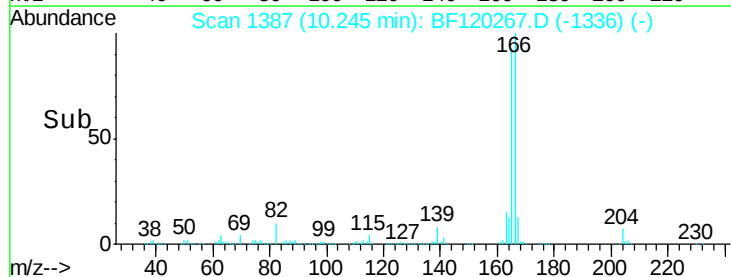
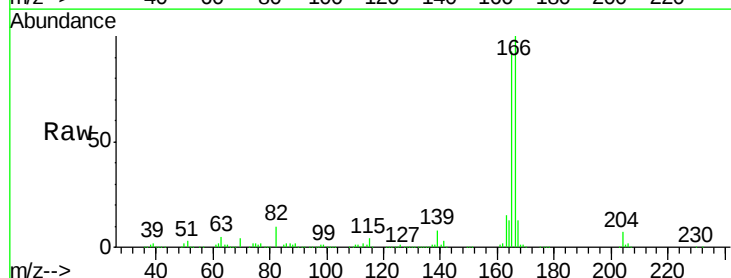
Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	66.9	42.6	64.0#
89	81.7	61.0	91.4
182	2.4	2.2	3.2



#58
Fluorene
Concen: 43.270 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.7	75.4	113.2
167	13.3	11.2	16.8

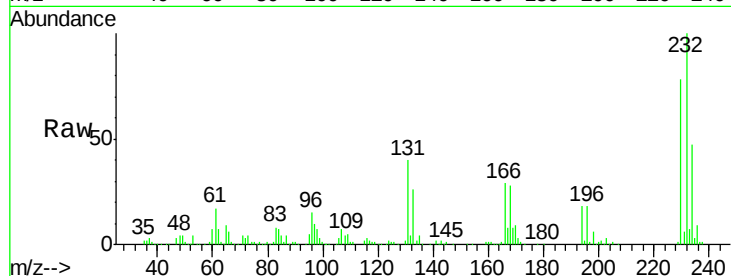




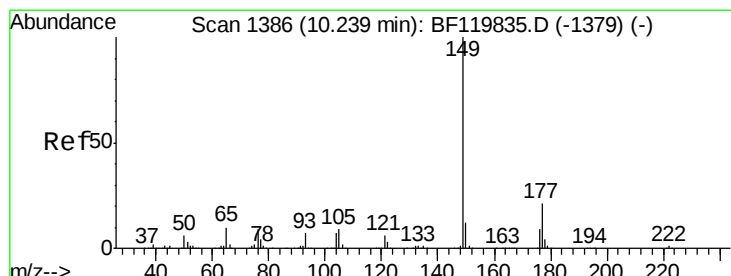
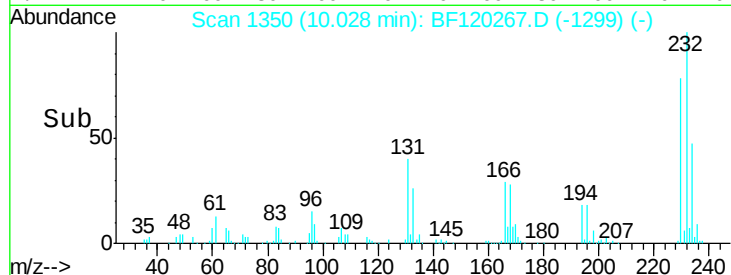
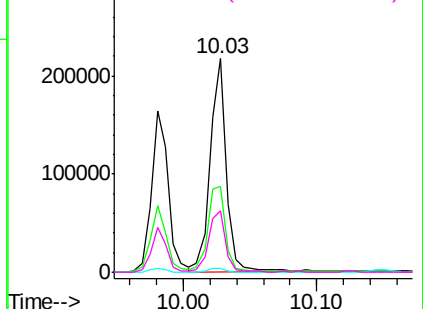
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.173 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion:232 Resp: 184834
 Ion Ratio Lower Upper
 232 100
 131 44.5 37.5 56.3
 130 2.2 1.8 2.6
 166 30.0 24.6 36.8

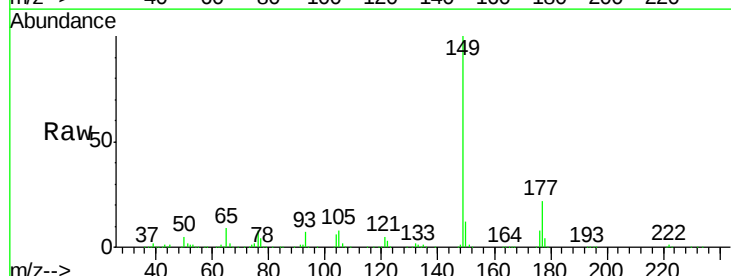


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

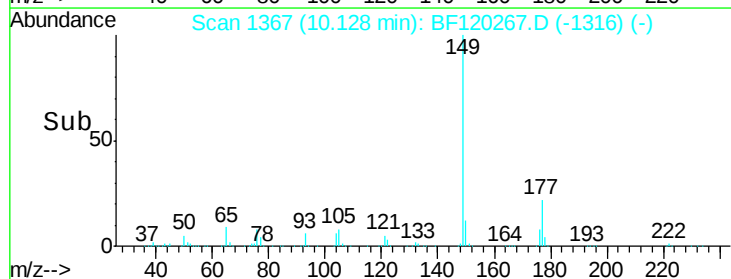
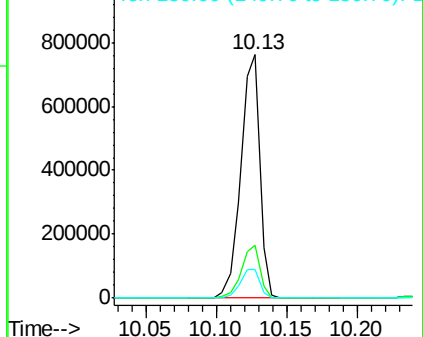


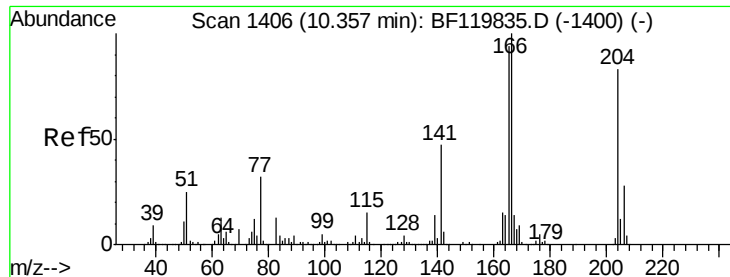
#60
 Diethylphthalate
 Concen: 42.682 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:149 Resp: 713588
 Ion Ratio Lower Upper
 149 100
 177 21.5 17.0 25.6
 150 11.8 10.1 15.1



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

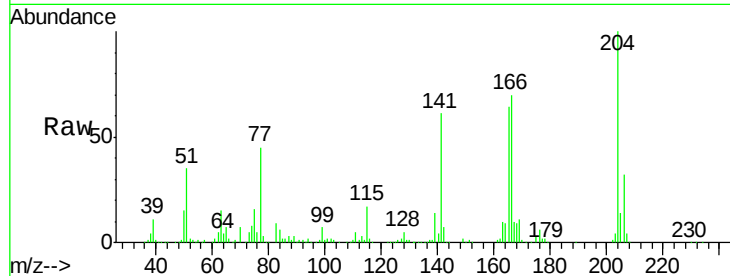




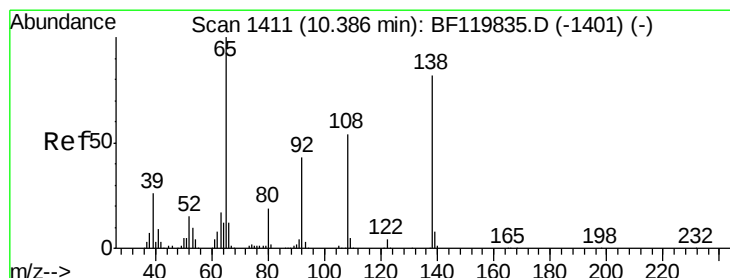
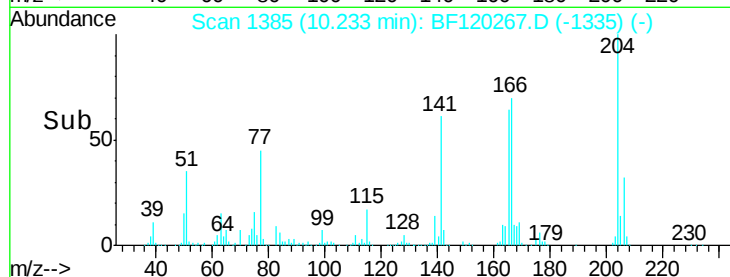
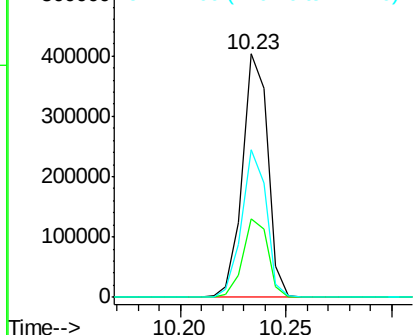
#61
4-Chlorophenyl-phenylether
Concen: 43.238 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:204 Resp: 334571
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 60.6 47.3 70.9

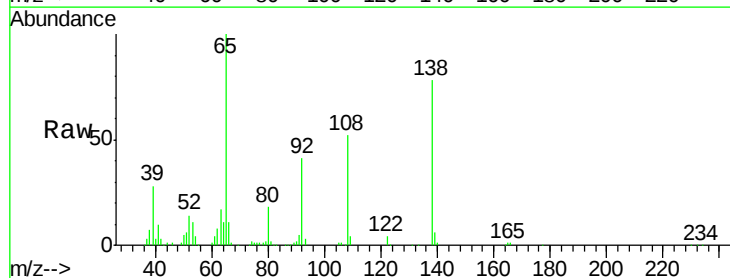


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

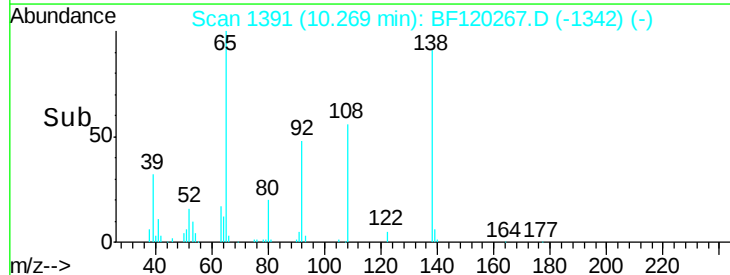
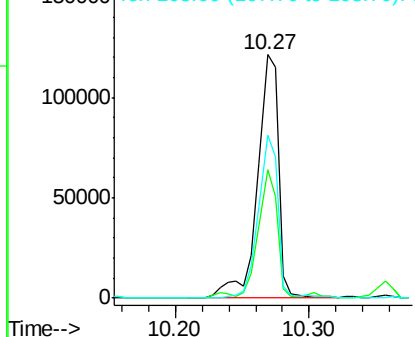


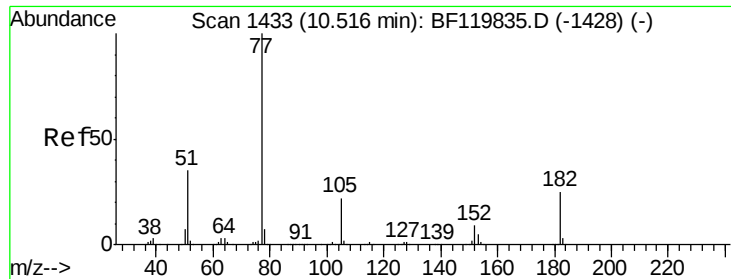
#62
4-Nitroaniline
Concen: 34.248 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:138 Resp: 131678
Ion Ratio Lower Upper
138 100
92 52.8 31.5 71.5
108 66.8 45.8 85.8



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

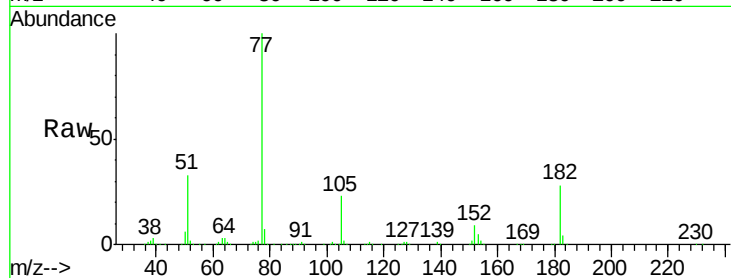




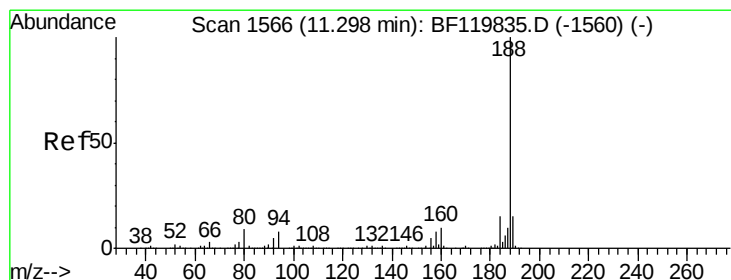
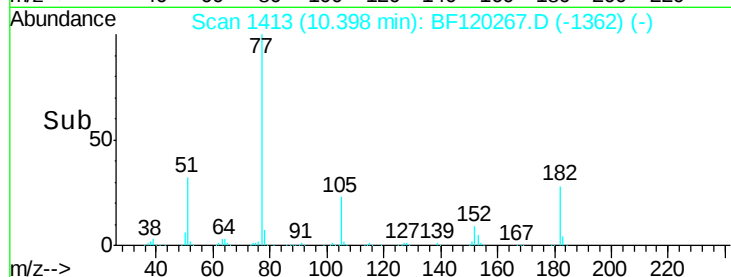
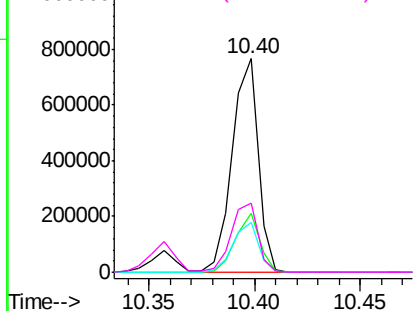
#63
Azobenzene
Concen: 43.314 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:	77	Resp:	648978
Ion	Ratio	Lower	Upper
77	100		
182	27.7	4.4	44.4
105	23.4	2.6	42.6
51	32.5	15.1	55.1

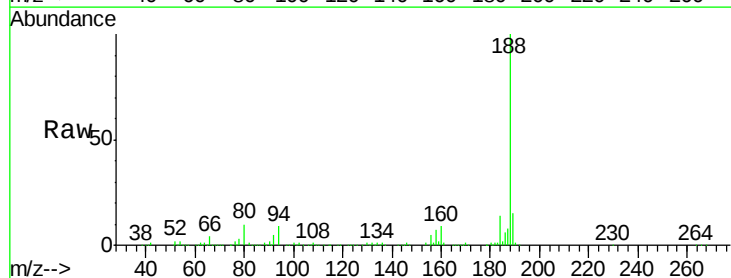


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

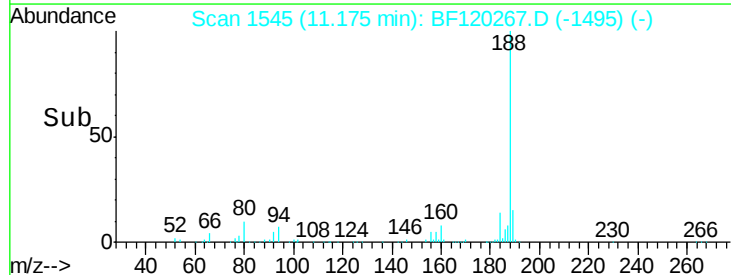
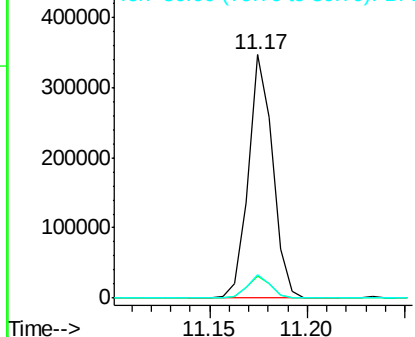


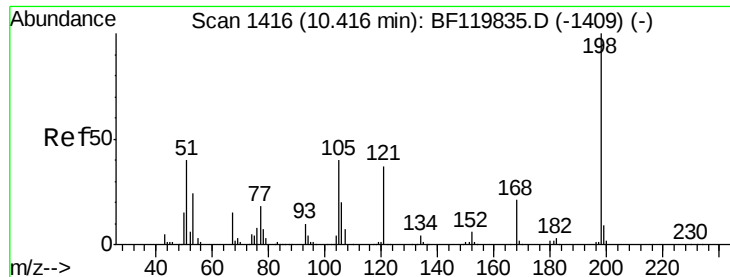
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:	188	Resp:	297223
Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	9.8	9.0	13.4



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

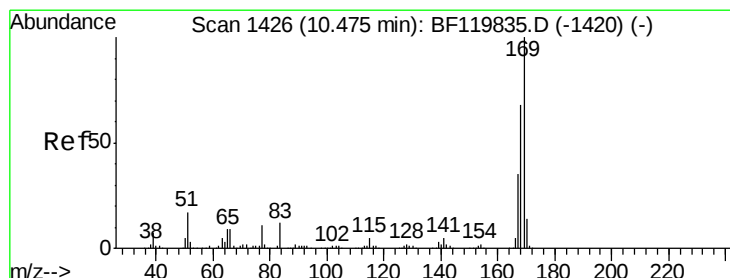
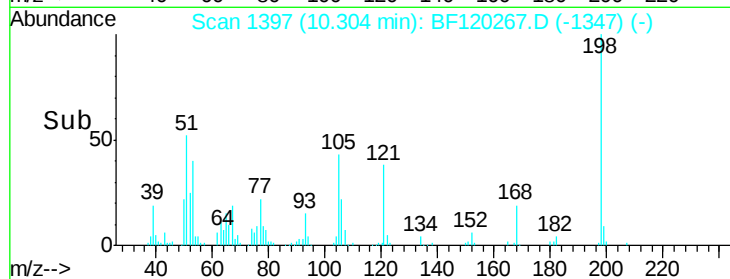
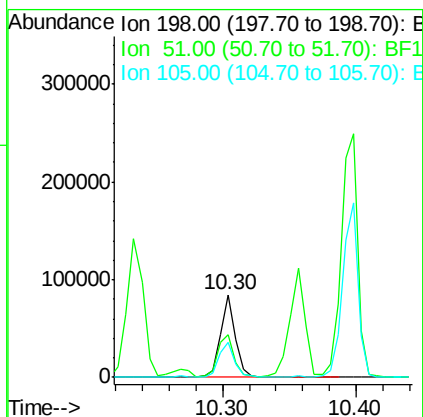
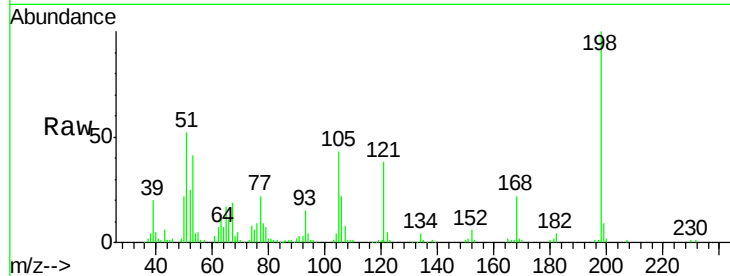




#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.451 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

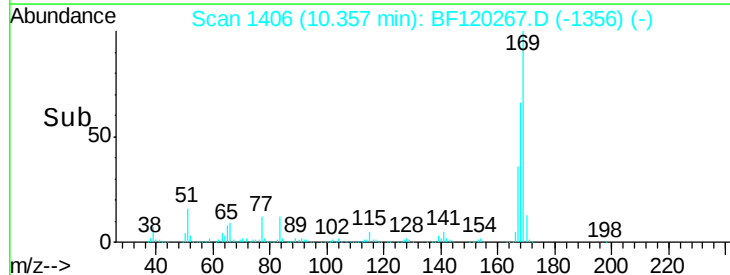
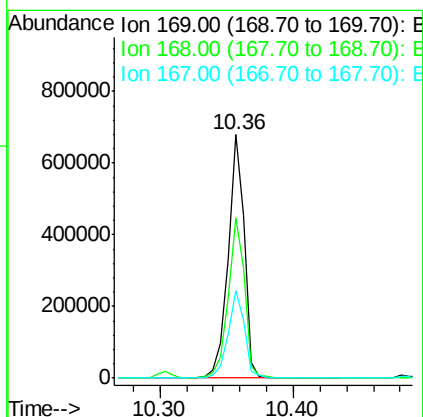
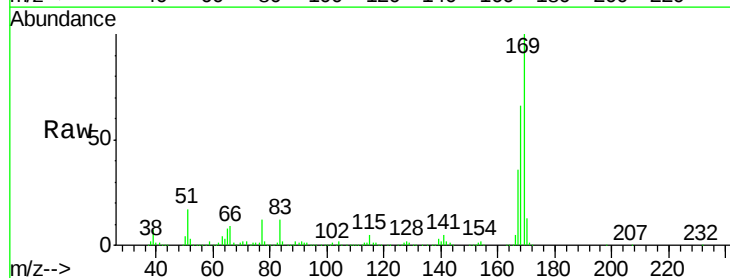
Instrument :
 BNA_F
 ClientSampleId :
 NB-04302020MS

Tot Ion:198 Resp: 67460
 Ion Ratio Lower Upper
 198 100
 51 52.0 29.0 69.0
 105 42.9 22.2 62.2



#66
 n-Nitrosodiphenylamine
 Concen: 58.621 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF120267.D
 Acq: 1 May 2020 19:22

Tgt Ion:169 Resp: 579454
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.2 79.8
 167 36.0 29.1 43.7

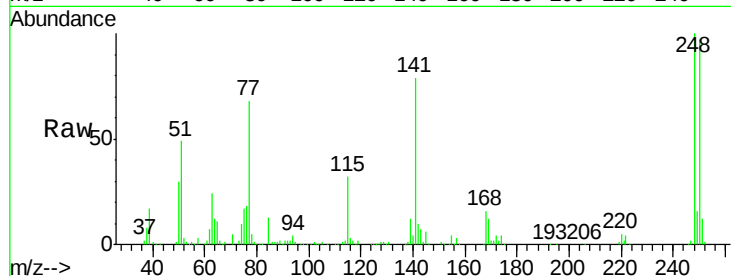




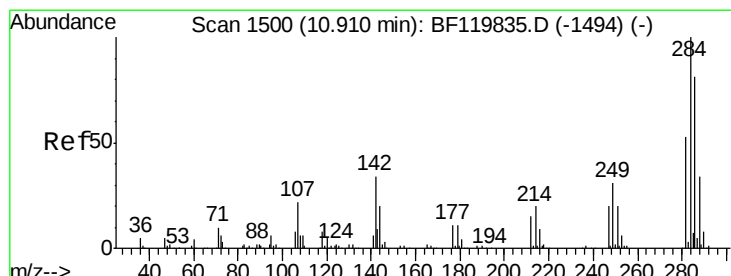
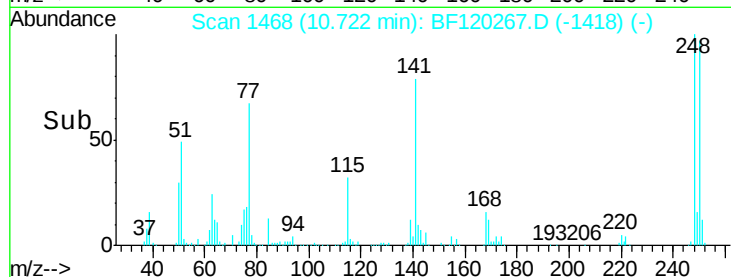
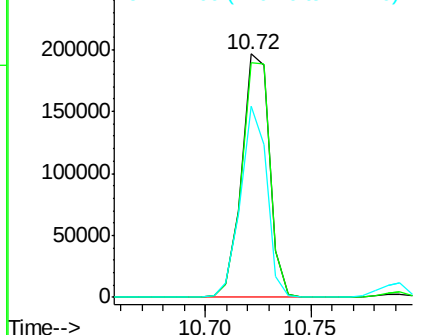
#67
4-Bromophenyl-phenylether
Concen: 48.362 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:248 Resp: 178761
Ion Ratio Lower Upper
248 100
250 96.6 77.3 115.9
141 78.7 58.6 87.8

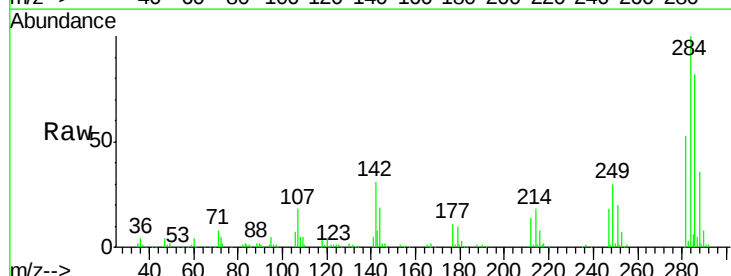


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

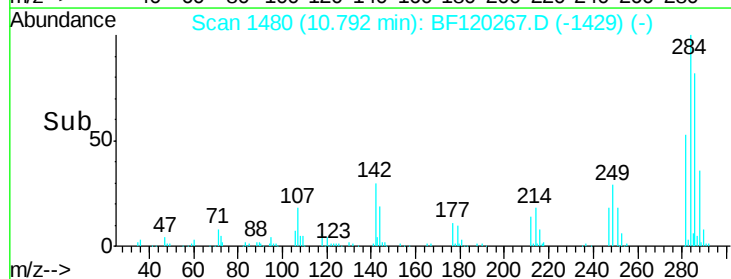
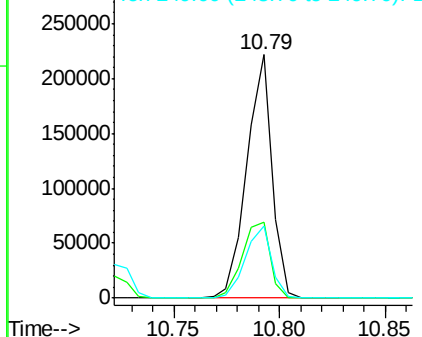


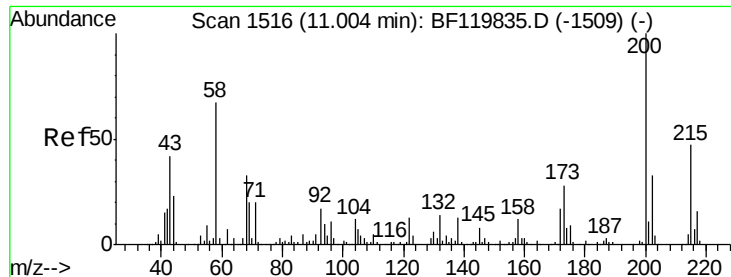
#68
Hexachlorobenzene
Concen: 49.179 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:284 Resp: 184409
Ion Ratio Lower Upper
284 100
142 31.0 29.2 43.8
249 29.7 25.1 37.7



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





#69

Atrazine

Concen: 53.972 ng

RT: 10.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

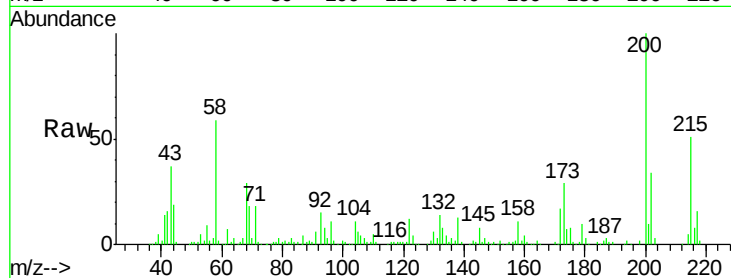
Tot Ion:200 Resp: 148438

Ion Ratio Lower Upper

200 100

173 28.8 9.3 49.3

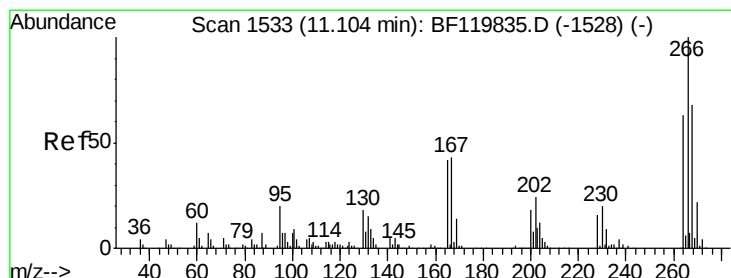
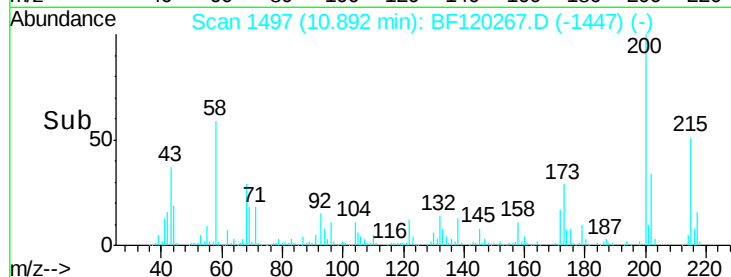
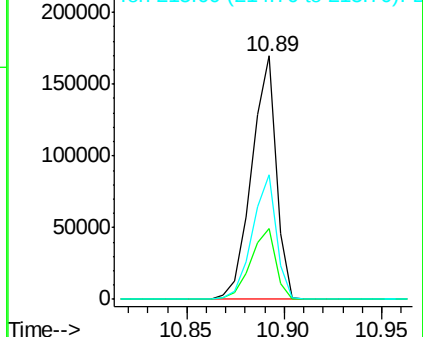
215 51.2 29.5 69.5



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: 69.916 ng

RT: 10.99 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

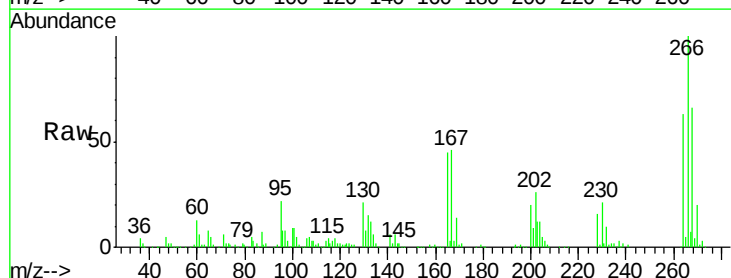
Tgt Ion:266 Resp: 151080

Ion Ratio Lower Upper

266 100

268 66.1 53.3 79.9

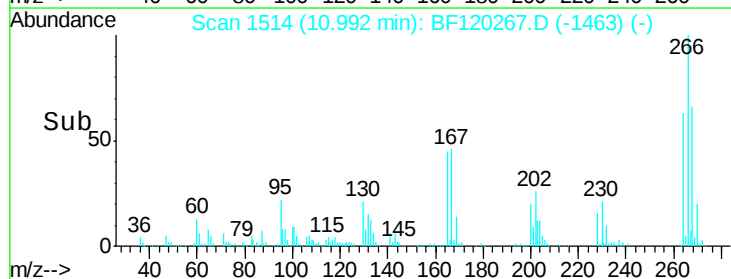
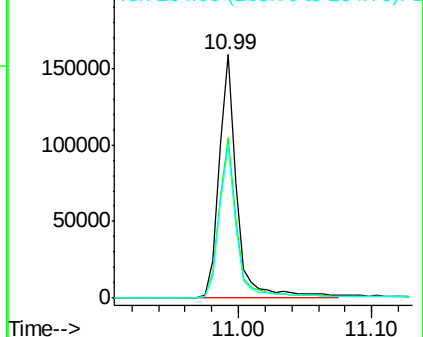
264 62.8 49.0 73.4

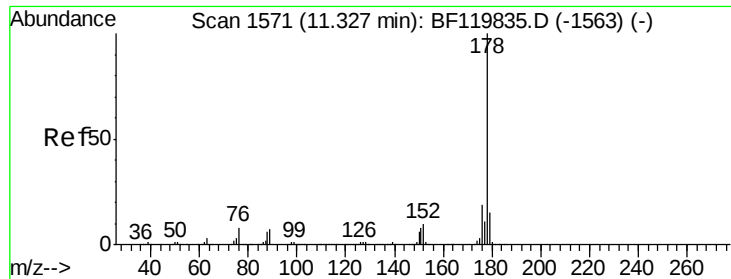


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

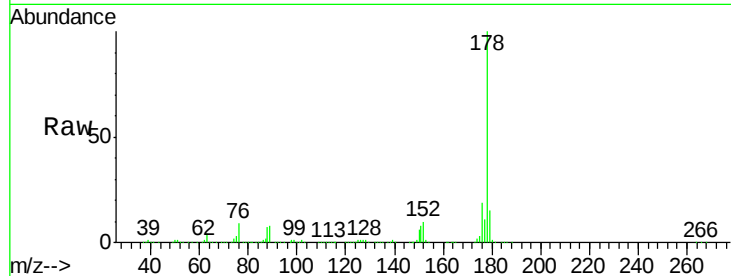




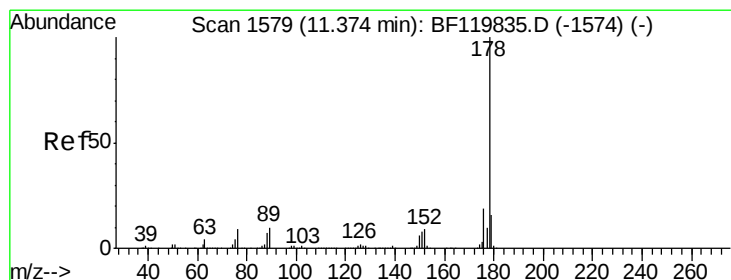
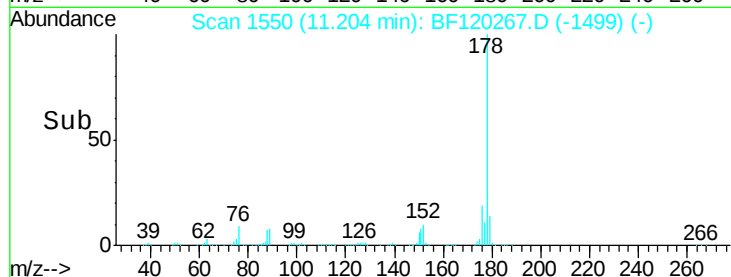
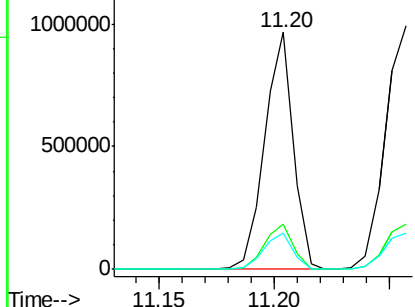
#71
Phenanthrene
Concen: 52.672 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

Tot Ion:178 Resp: 833193
Ion Ratio Lower Upper
178 100
176 18.9 16.2 24.4
179 15.4 13.2 19.8

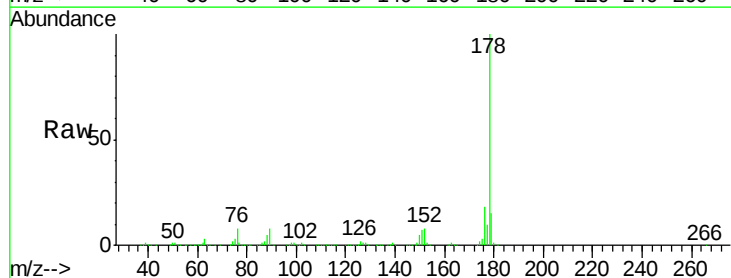


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

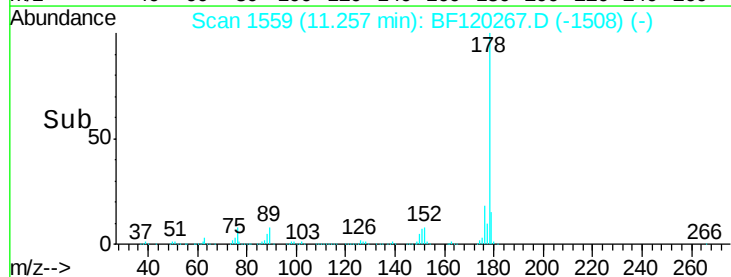
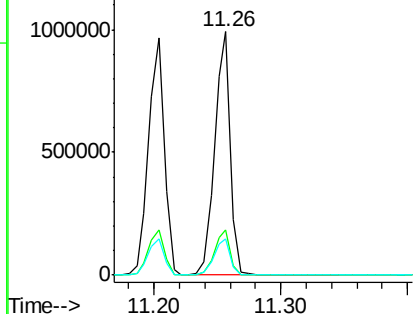


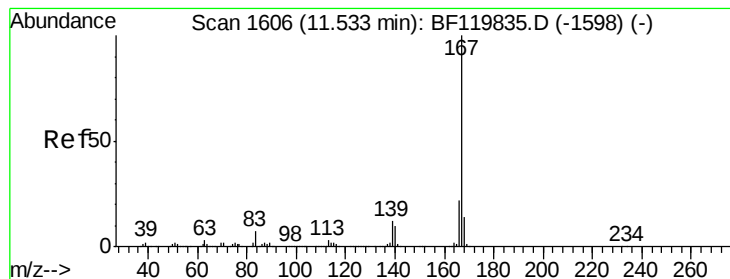
#72
Anthracene
Concen: 53.479 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:178 Resp: 864191
Ion Ratio Lower Upper
178 100
176 18.4 16.1 24.1
179 15.1 13.0 19.4



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





#73

Carbazole

Concen: 48.924 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

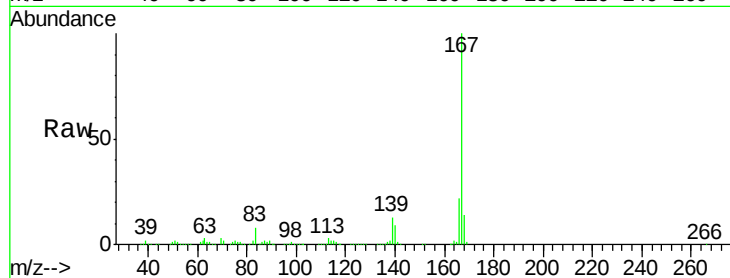
Tot Ion:167 Resp: 747632

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.4

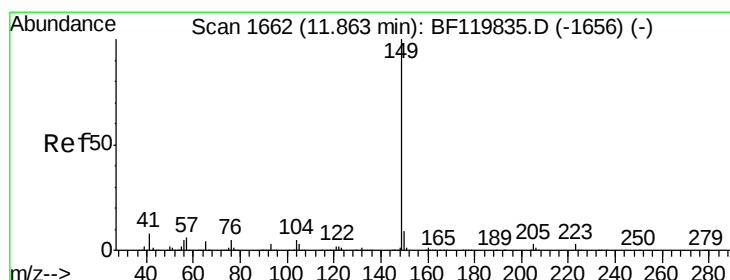
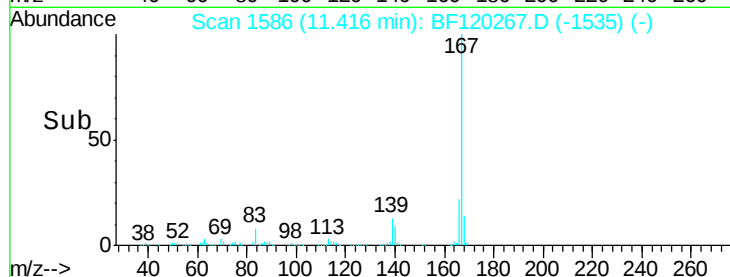
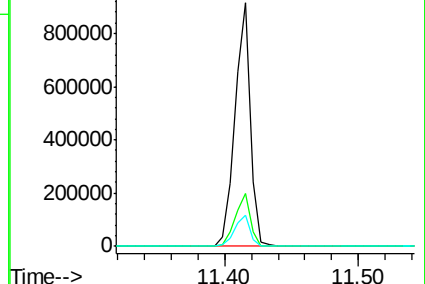
139 12.8 10.7 16.1



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 54.046 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

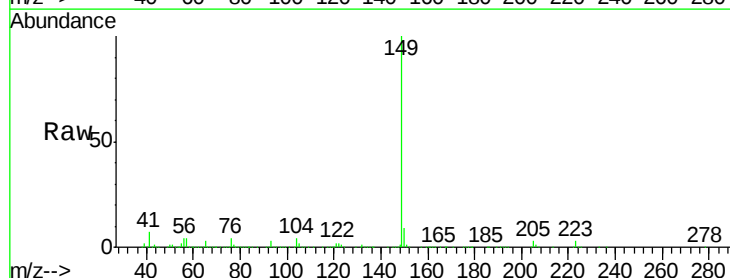
Tgt Ion:149 Resp: 1085740

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.8

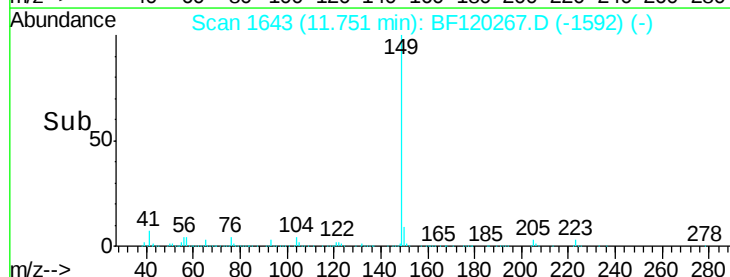
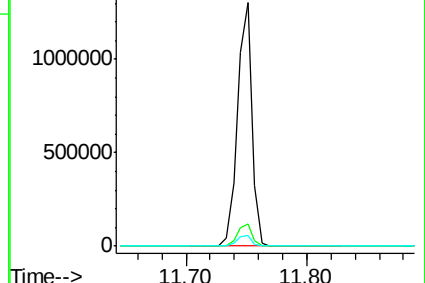
104 4.2 3.6 5.4

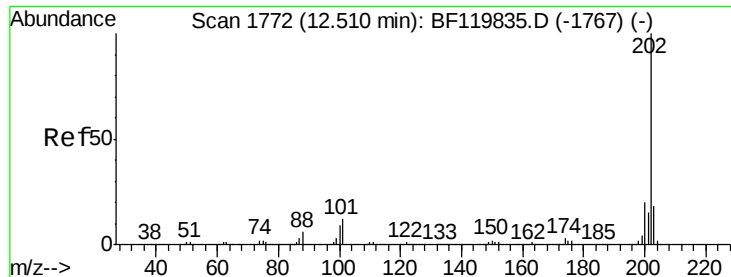


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.685 ng

RT: 12.39 min Scan# 1752

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

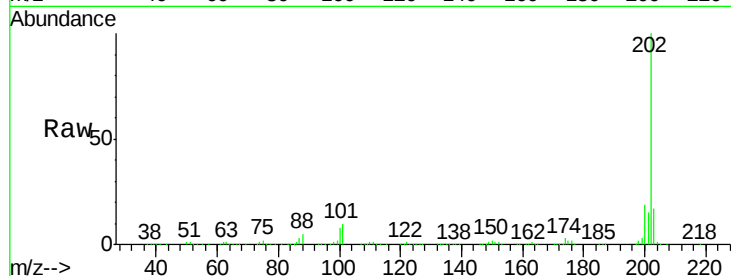
Tot Ion:202 Resp: 848020

Ion Ratio Lower Upper

202 100

101 10.2 0.0 32.2

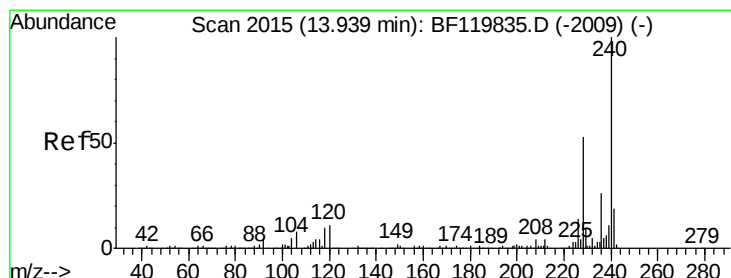
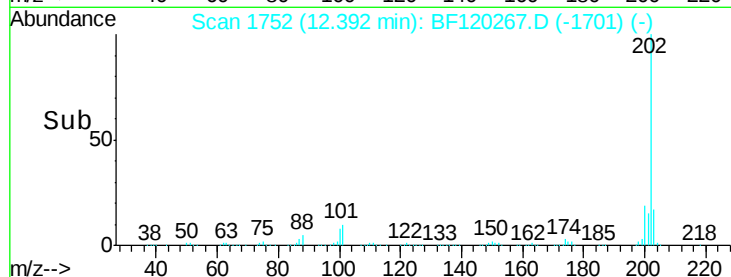
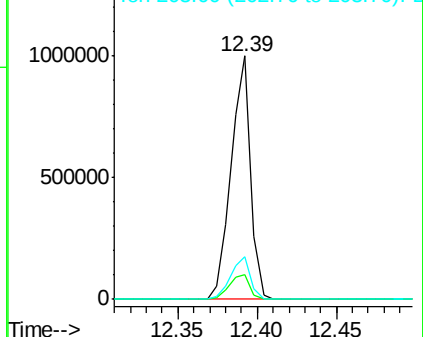
203 17.4 0.0 38.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

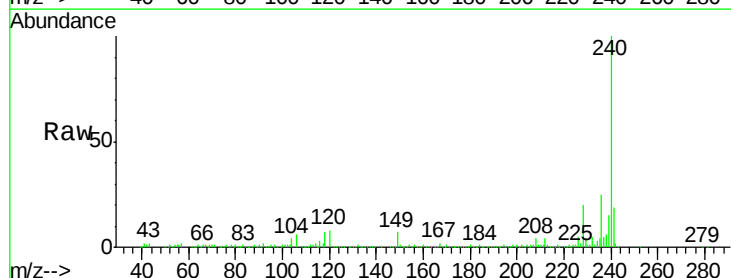
Tgt Ion:240 Resp: 210149

Ion Ratio Lower Upper

240 100

120 8.0 10.6 15.8#

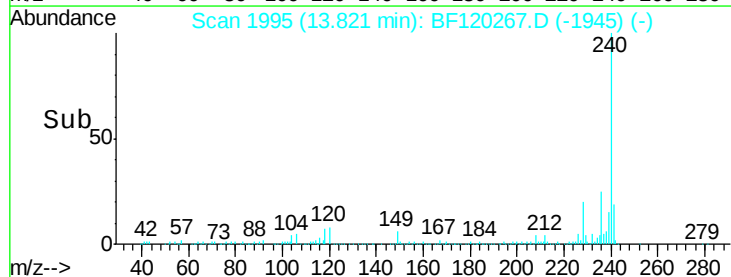
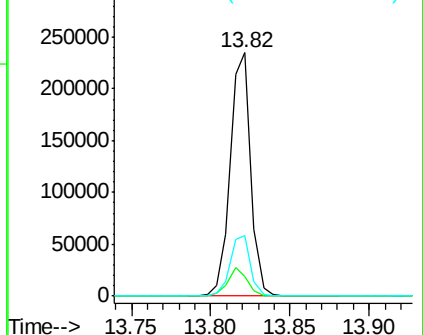
236 24.7 20.2 30.2

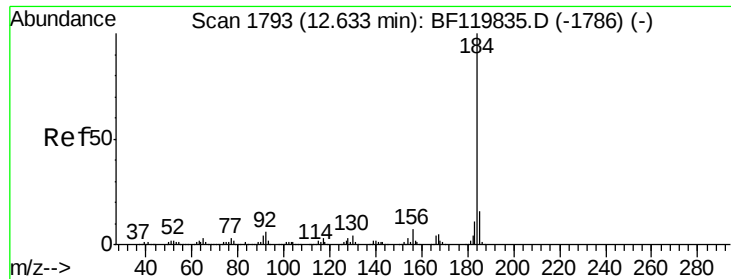


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 73.871 ng

RT: 12.52 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

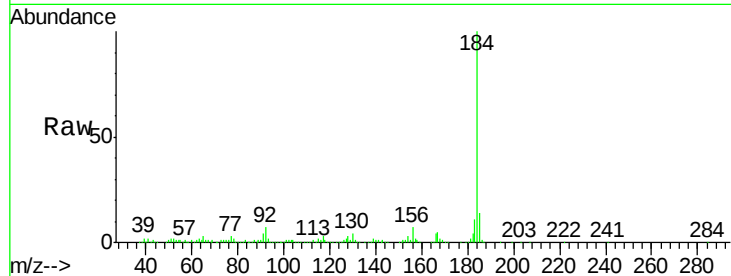
Tot Ion:184 Resp: 524754

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

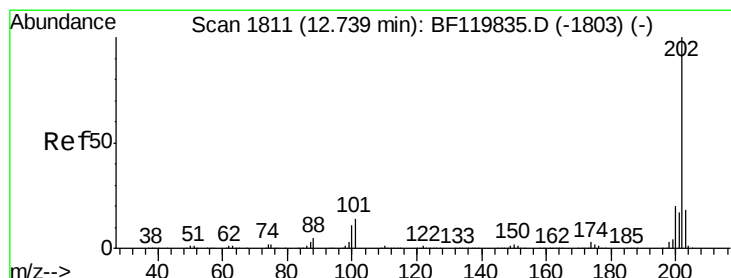
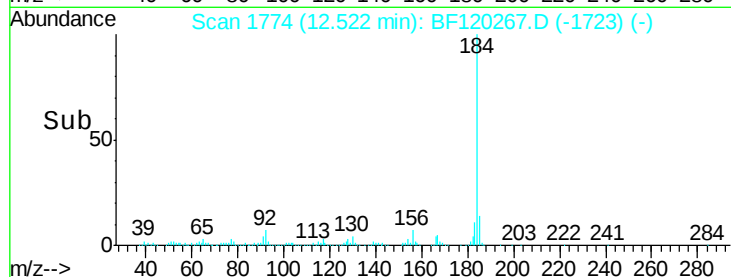
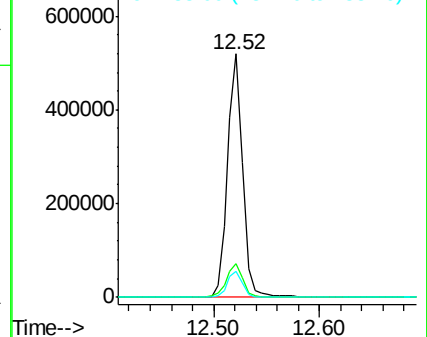
183 10.8 9.0 13.6



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: 48.416 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

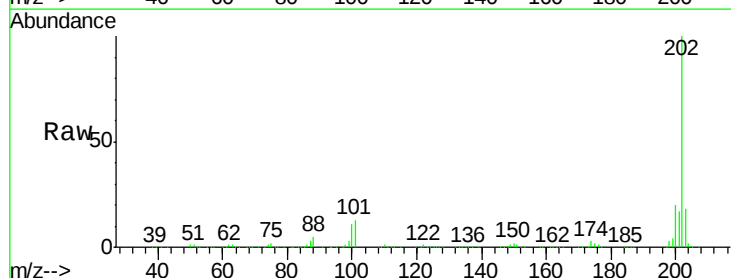
Tgt Ion:202 Resp: 857739

Ion Ratio Lower Upper

202 100

200 20.4 16.8 25.2

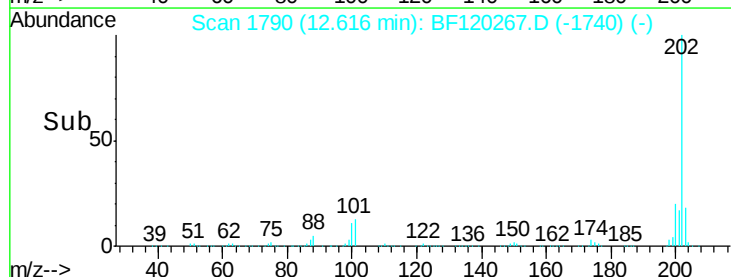
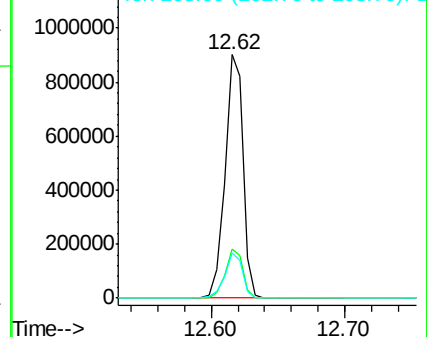
203 18.4 15.1 22.7

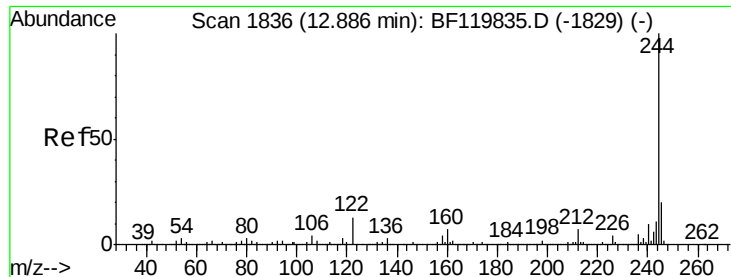


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 64.324 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

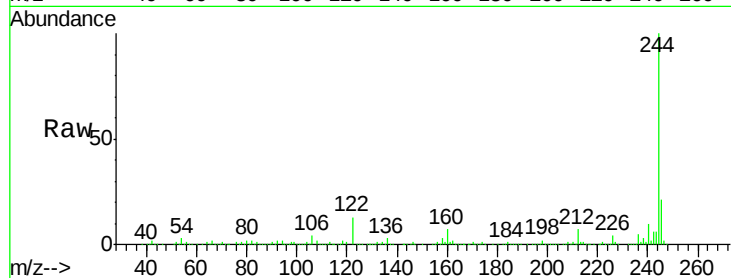
Tot Ion:244 Resp: 803351

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

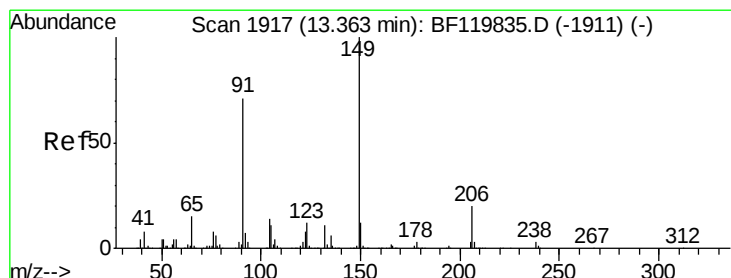
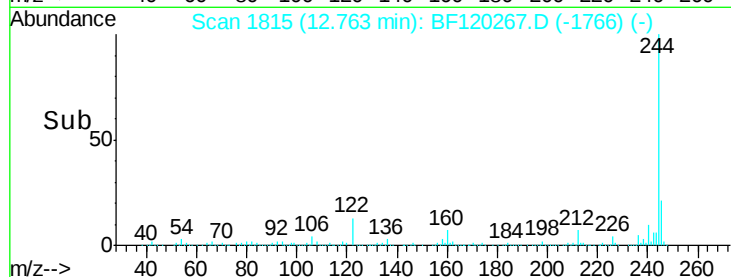
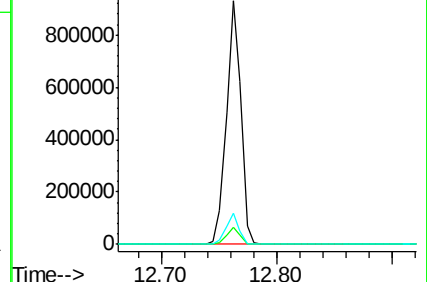
122 12.6 10.3 15.5



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: 45.343 ng

RT: 13.24 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

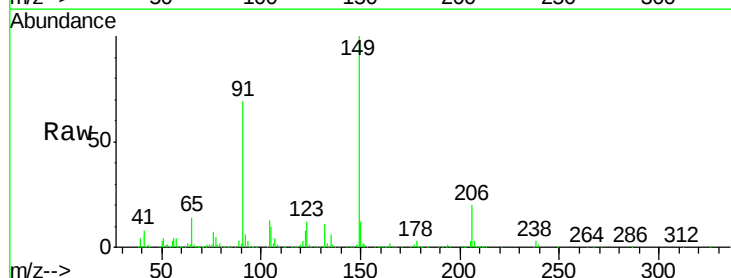
Tgt Ion:149 Resp: 389791

Ion Ratio Lower Upper

149 100

91 68.9 54.7 82.1

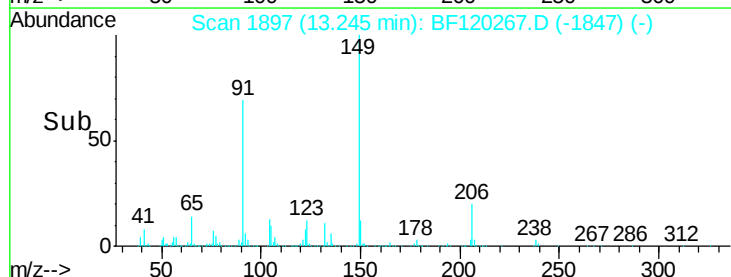
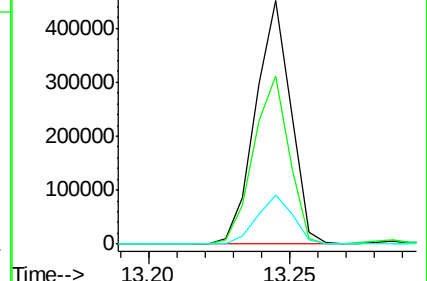
206 19.9 16.2 24.2



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: 52.892 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

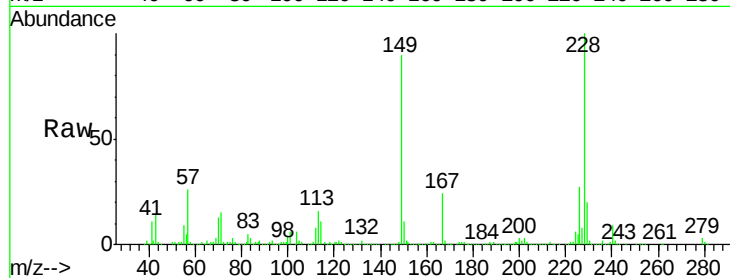
Tot Ion:228 Resp: 731235

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

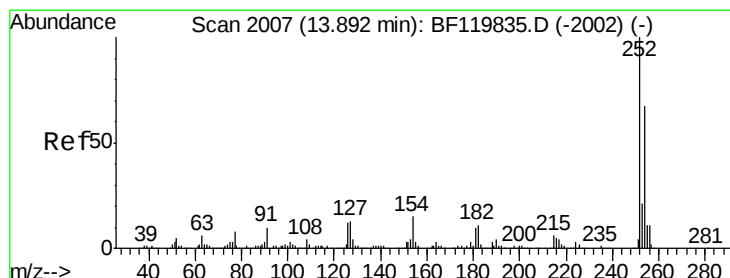
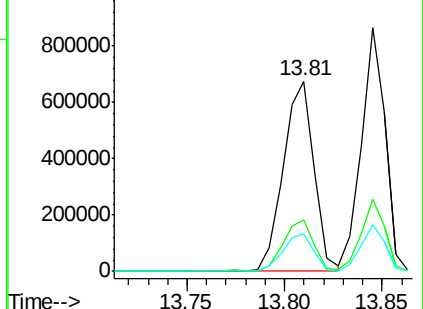
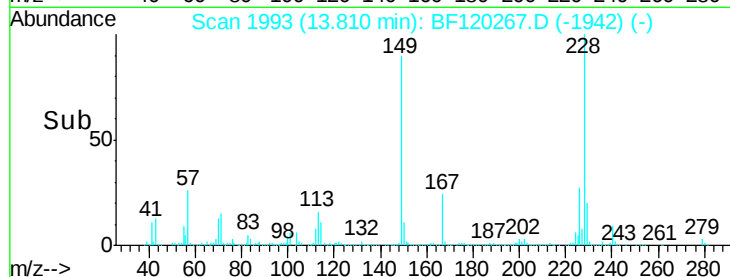
229 19.9 16.2 24.4



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: 46.294 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

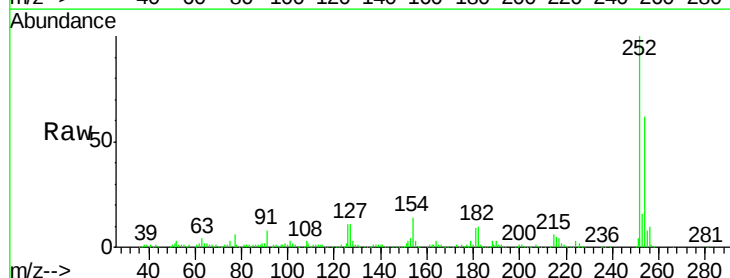
Tgt Ion:252 Resp: 238804

Ion Ratio Lower Upper

252 100

254 61.8 51.2 76.8

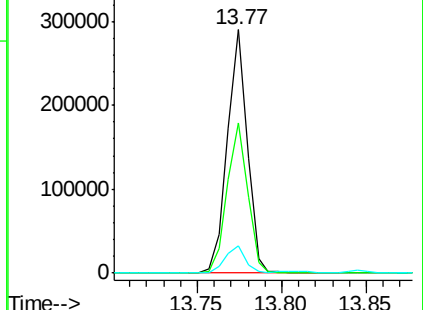
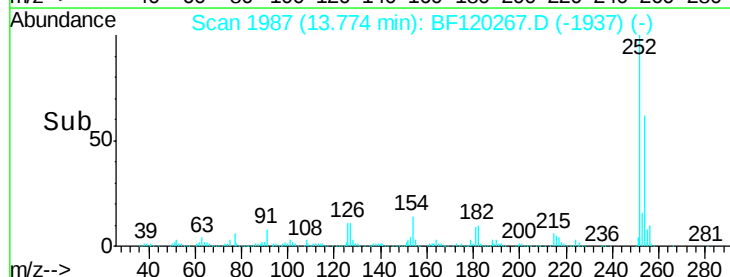
126 11.1 9.6 14.4

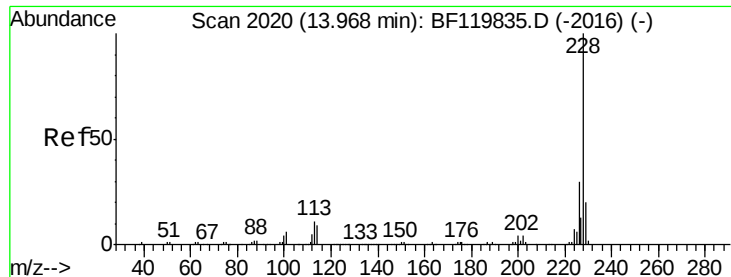


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 51.798 ng

RT: 13.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

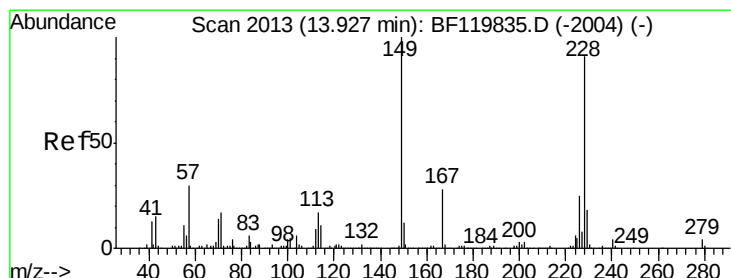
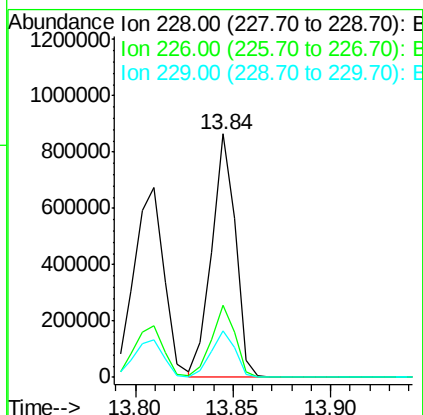
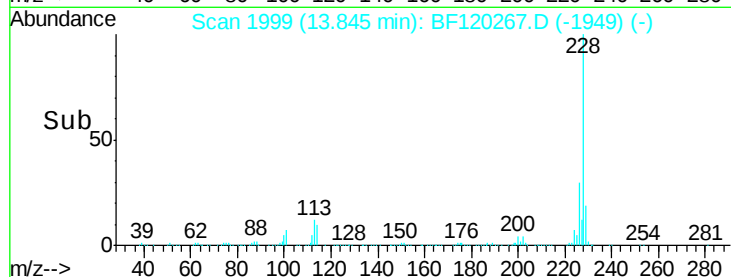
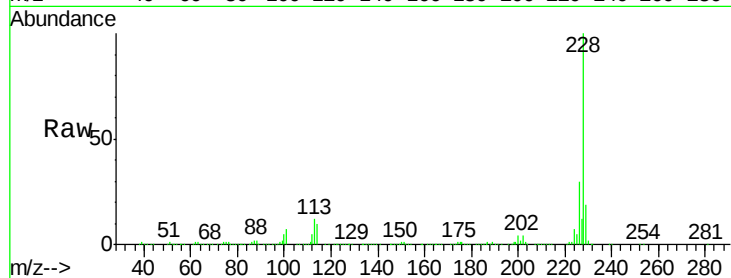
Tot Ion:228 Resp: 727628

Ion Ratio Lower Upper

228 100

226 29.9 25.4 38.0

229 19.3 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.913 ng

RT: 13.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

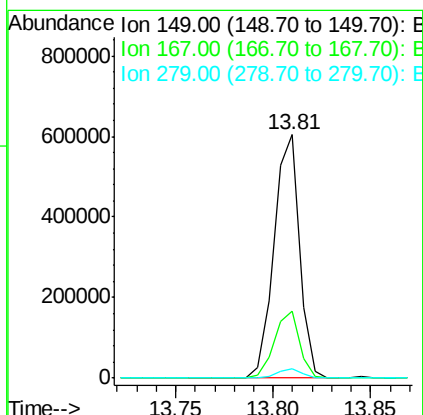
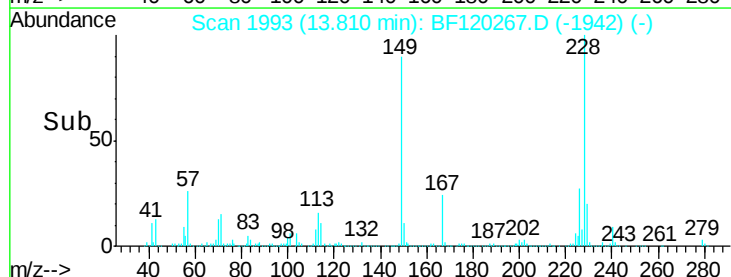
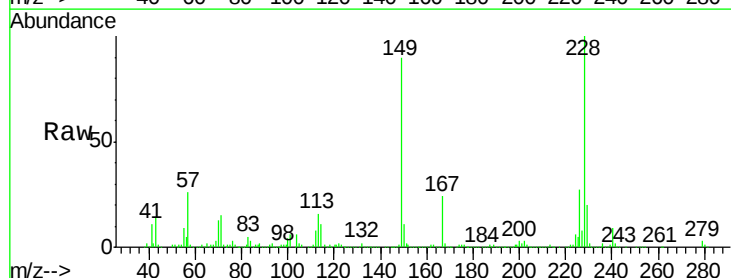
Tgt Ion:149 Resp: 546125

Ion Ratio Lower Upper

149 100

167 27.3 21.3 31.9

279 3.9 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 48.753 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

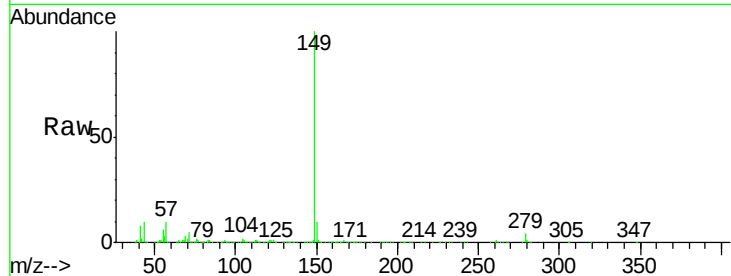
Tot Ion:149 Resp: 966347

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

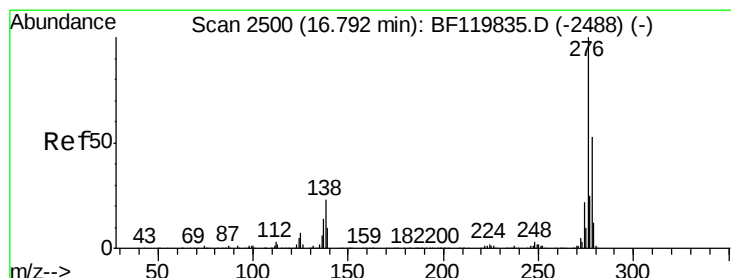
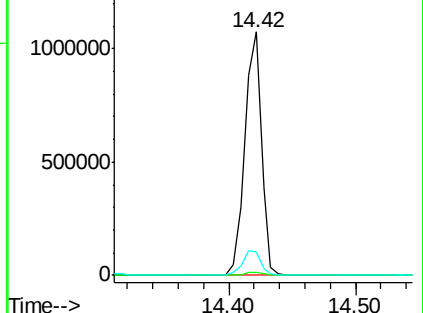
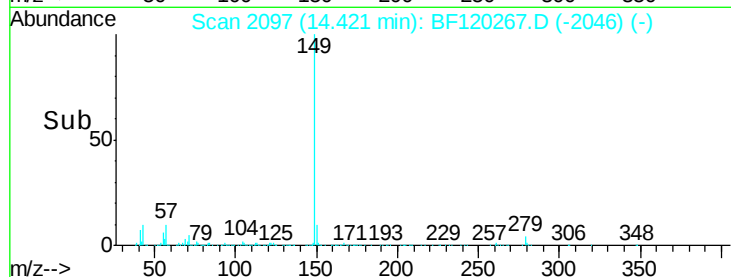
43 11.0 9.3 13.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 71.574 ng

RT: 16.59 min Scan# 2465

Delta R.T. 0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

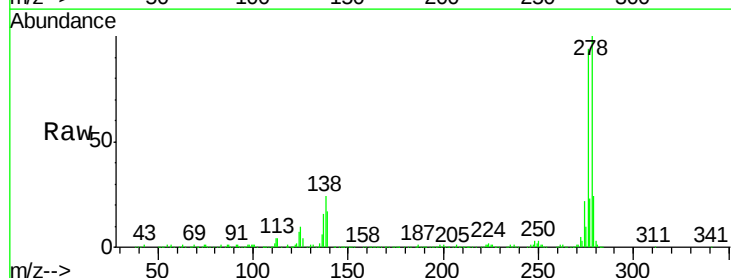
Tgt Ion:276 Resp: 886276

Ion Ratio Lower Upper

276 100

138 24.6 19.6 29.4

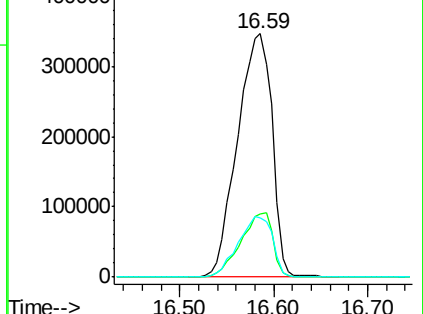
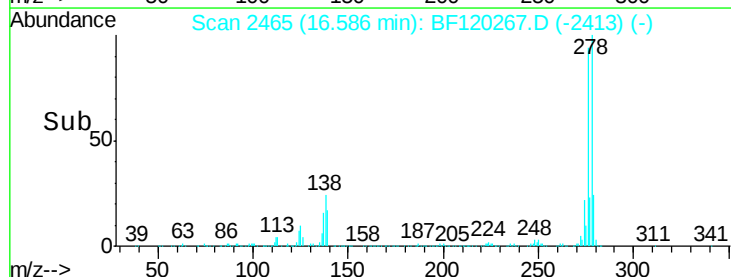
277 24.8 20.0 30.0

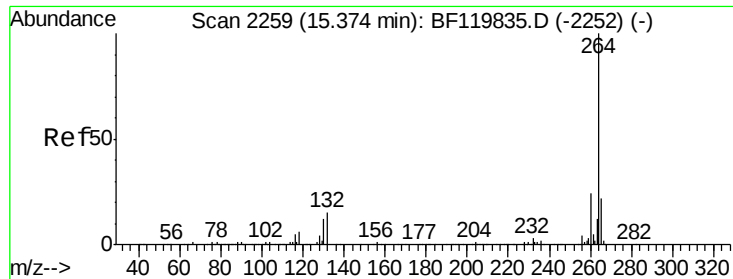


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

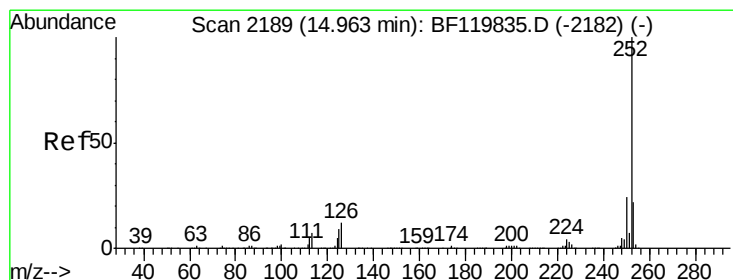
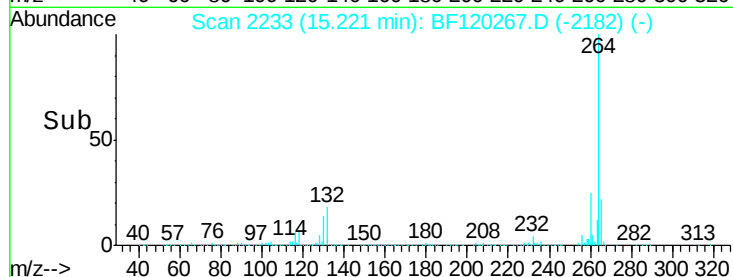
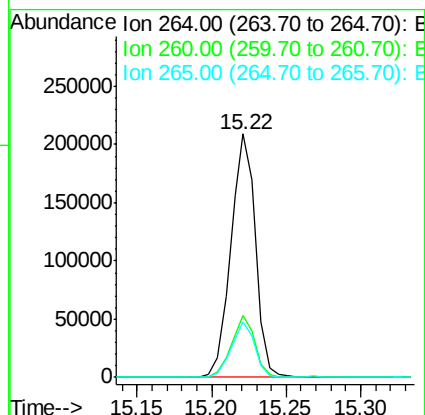
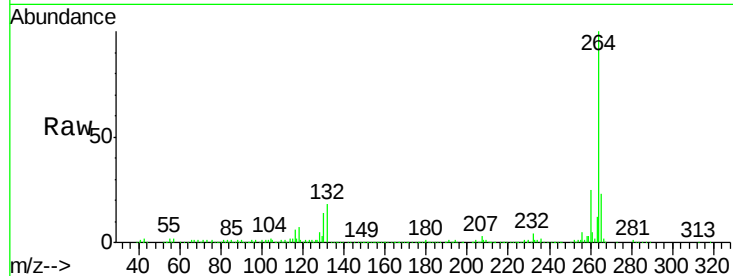




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

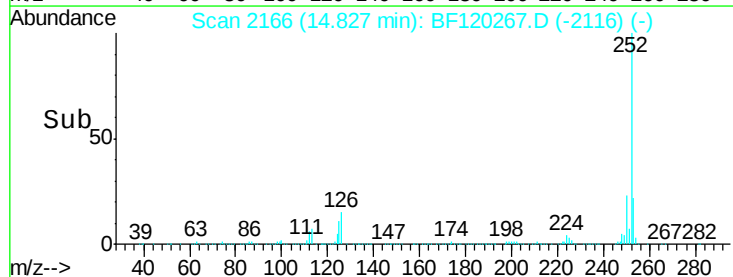
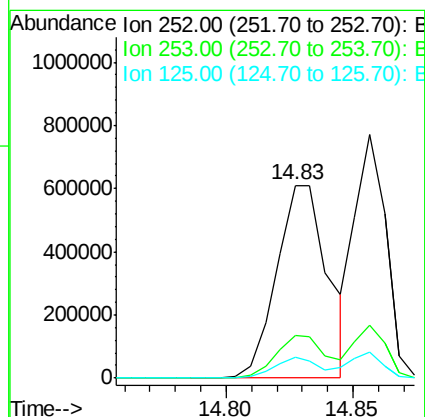
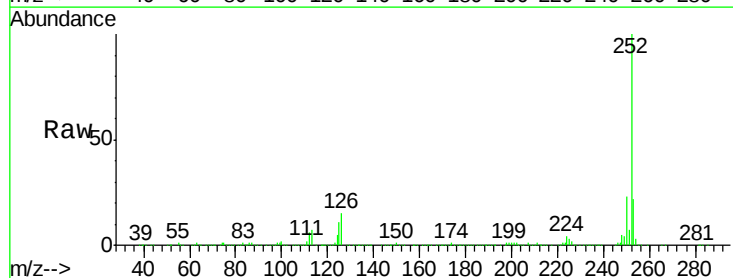
Instrument :
BNA_F
ClientSampleId :
NB-04302020MS

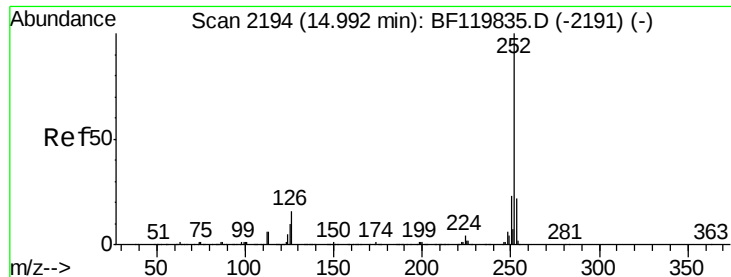
Tot Ion:264 Resp: 242313
Ion Ratio Lower Upper
264 100
260 25.5 18.7 28.1
265 22.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 49.253 ng
RT: 14.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BF120267.D
Acq: 1 May 2020 19:22

Tgt Ion:252 Resp: 858553
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 44.120 ng

RT: 14.86 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

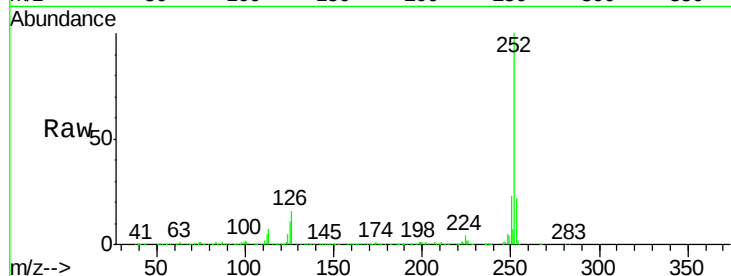
Tot Ion:252 Resp: 663577

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

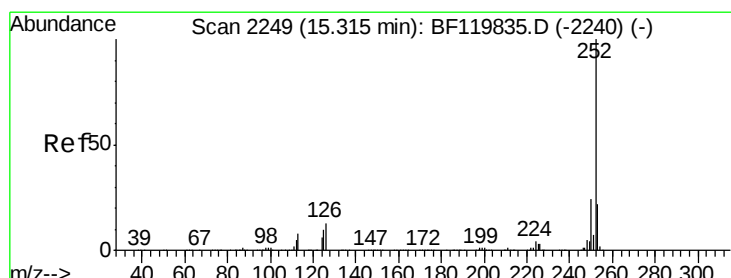
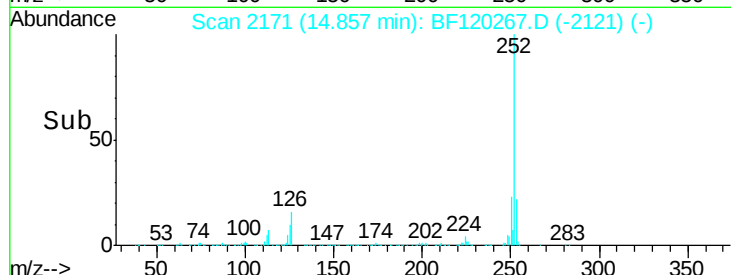
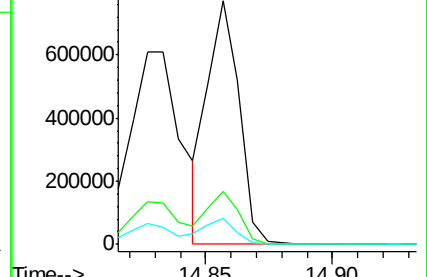
125 10.6 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 49.169 ng

RT: 15.17 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

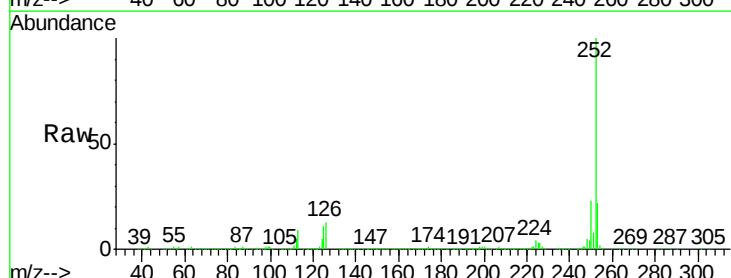
Tgt Ion:252 Resp: 720638

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

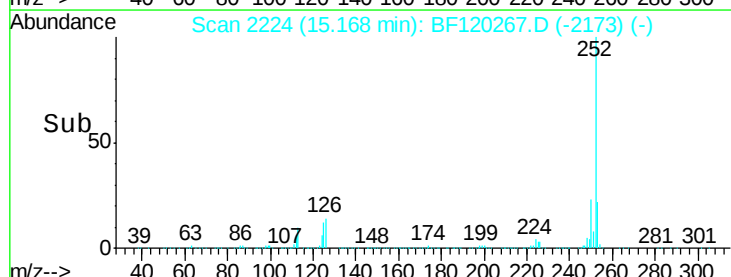
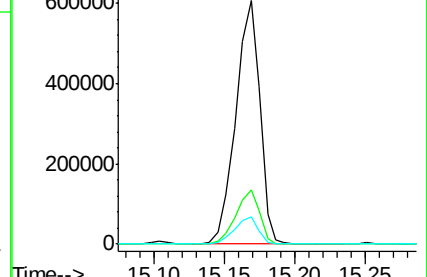
125 11.4 9.4 14.2

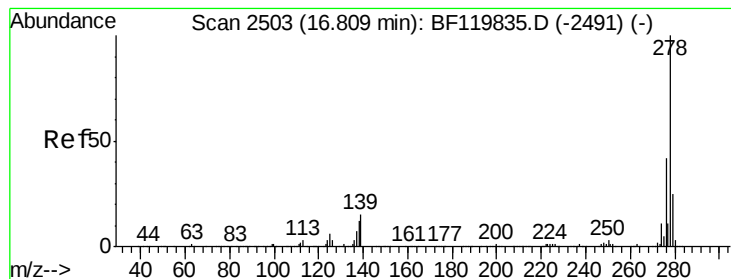


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 56.442 ng

RT: 16.59 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

Instrument :

BNA_F

ClientSampleId :

NB-04302020MS

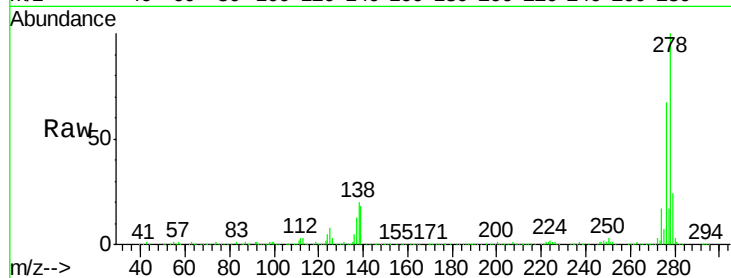
Tot Ion:278 Resp: 732761

Ion Ratio Lower Upper

278 100

139 17.5 12.6 19.0

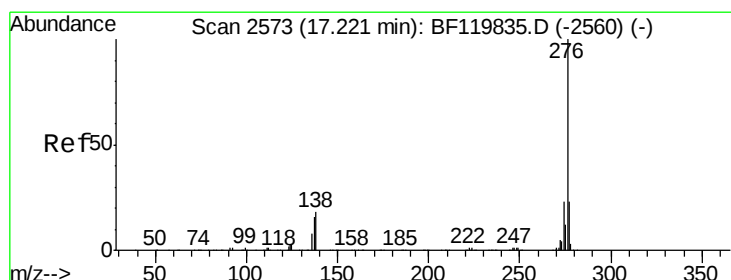
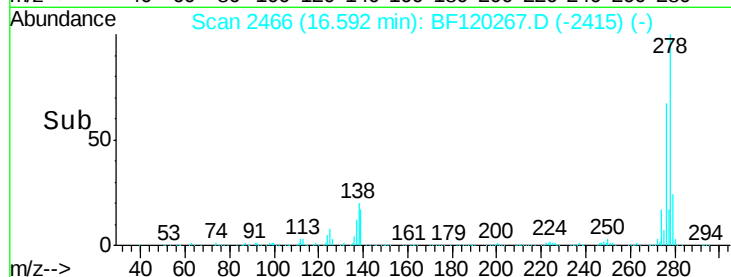
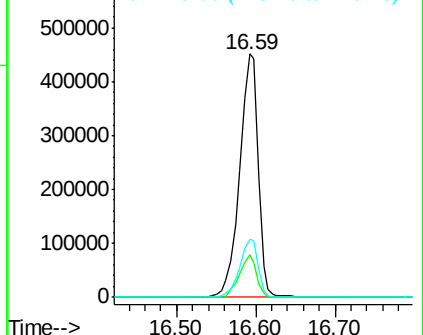
279 24.1 19.0 28.6



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: 56.718 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF120267.D

Acq: 1 May 2020 19:22

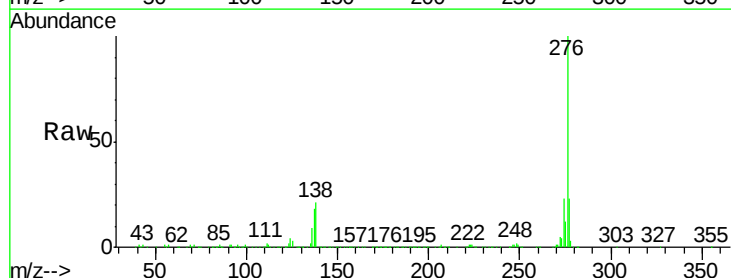
Tgt Ion:276 Resp: 726834

Ion Ratio Lower Upper

276 100

277 22.9 18.4 27.6

138 21.0 15.4 23.0



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

