

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120309.D
 Acq On : 14 May 2020 23:46
 Operator : MA/SJ
 Sample : L2640-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 02:44:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

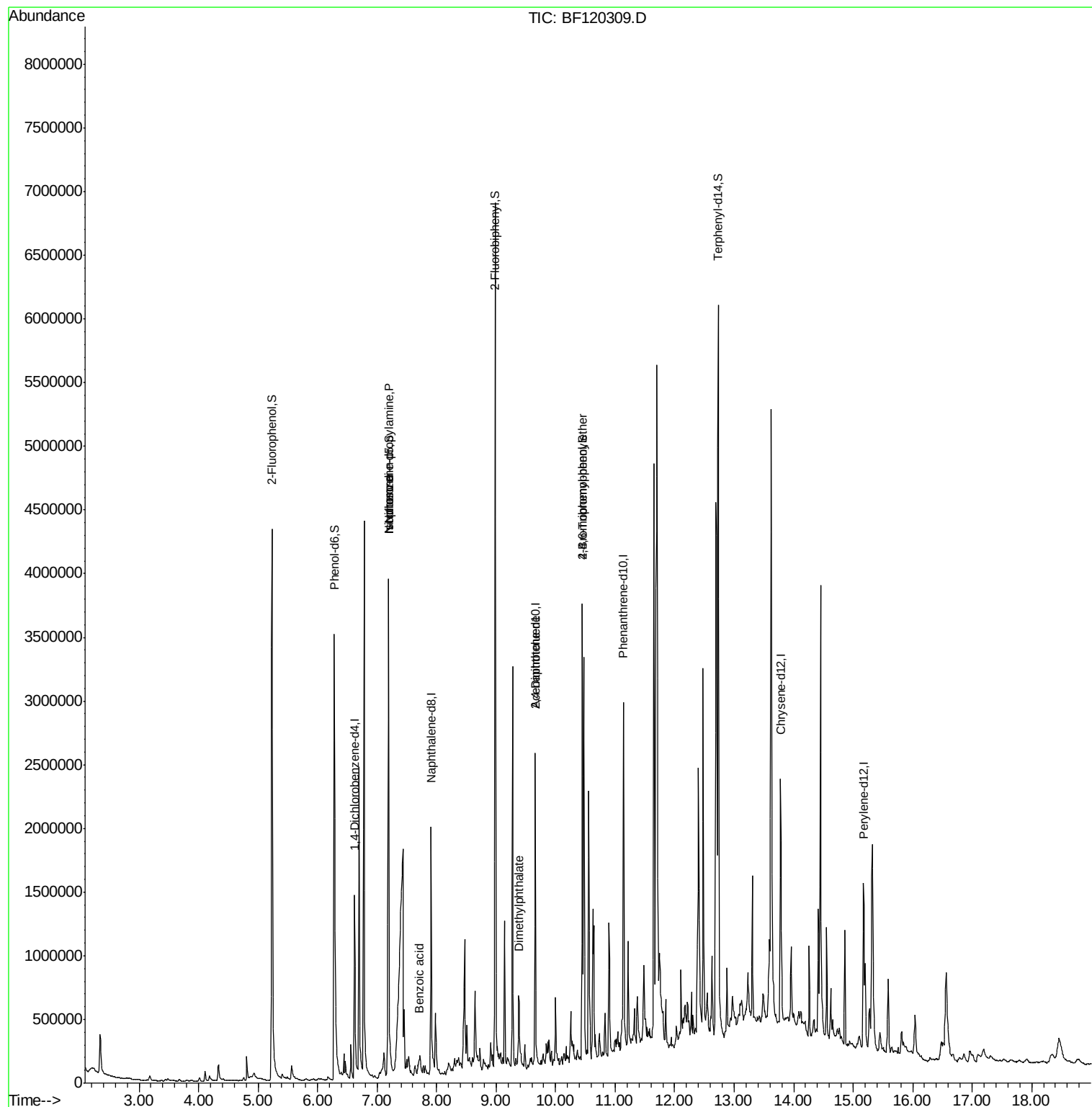
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	277394	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1120662	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	533477	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1199069	20.00	ng	0.00
76) Chrysene-d12	13.78	240	702250	20.00	ng	0.00
87) Perylene-d12	15.17	264	592917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1511765	106.04	ng	0.00
7) Phenol-d6	6.28	99	1728191	95.86	ng	0.00
23) Nitrobenzene-d5	7.19	82	1428852	87.30	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	486188	111.78	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2379824	91.65	ng	0.00
79) Terphenyl-d14	12.73	244	2163718	68.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	184138	15.590	ng	# 78
25) Isophorone	7.19	82	1427866	41.926	ng	# 65
32) Benzoic acid	7.71	122	22966	2.614	ng	# 84
50) Dimethylphthalate	9.38	163	217061	6.437	ng	100
57) 2,4-Dinitrotoluene	9.66	165	68183	7.722	ng	# 17
67) 4-Bromophenyl-phenylether	10.45	248	29253	2.514	ng	# 1

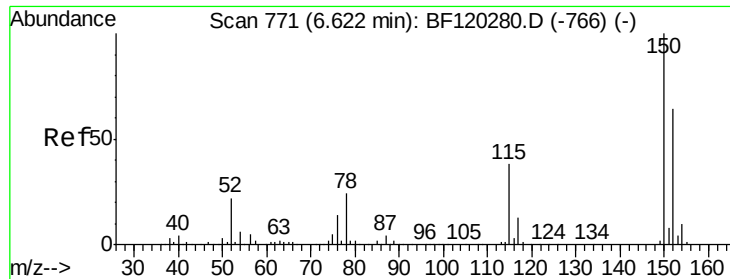
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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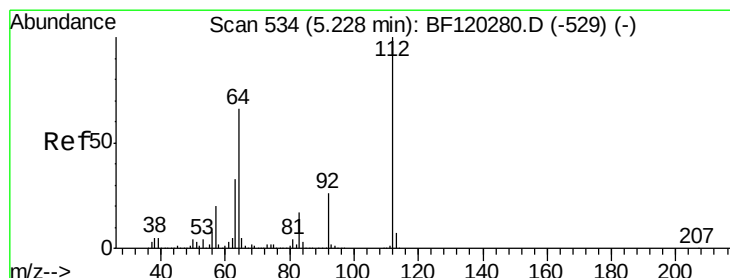
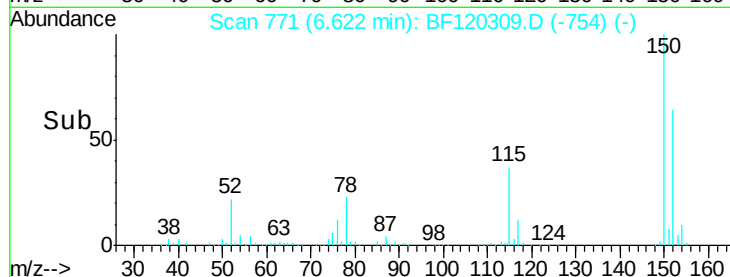
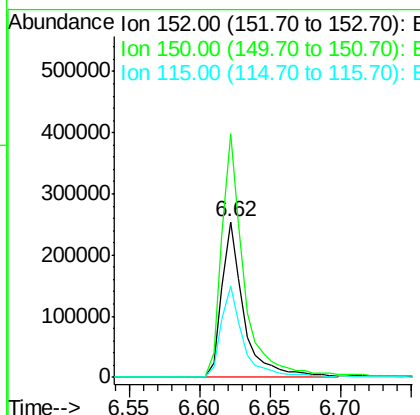
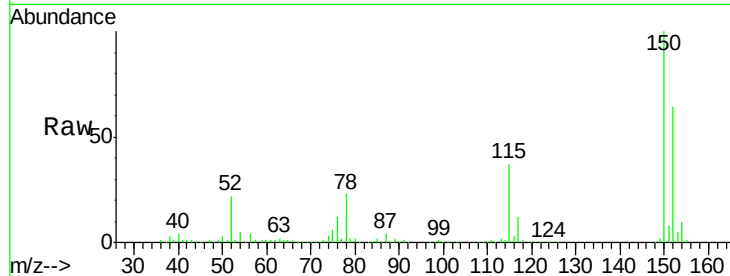




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.62 min Scan# 771
 Delta R.T. -0.00 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

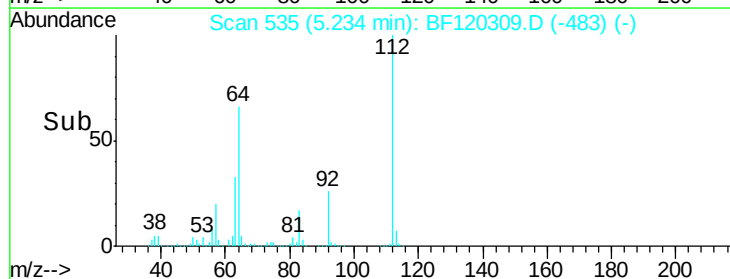
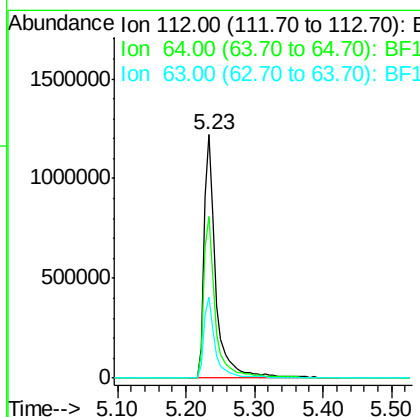
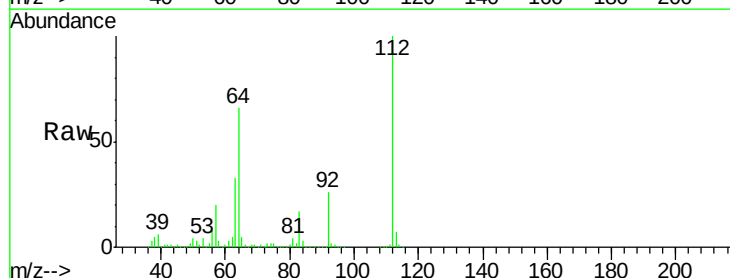
Instrument :
 BNA_F
 ClientSampleId :

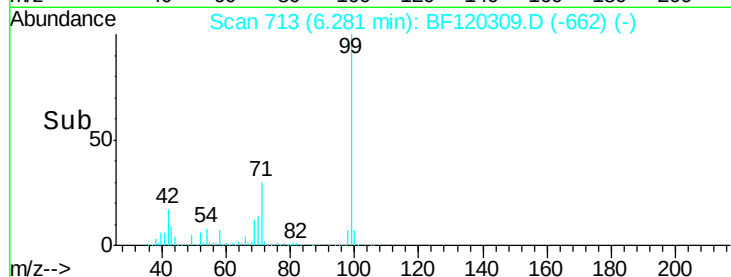
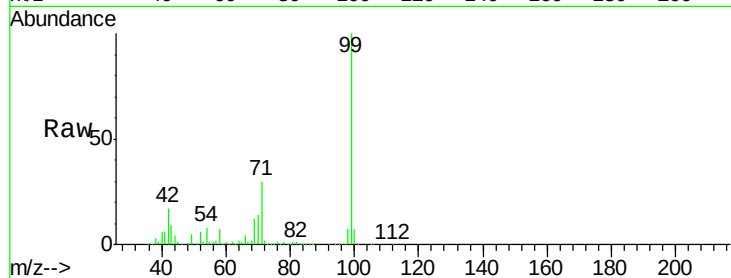
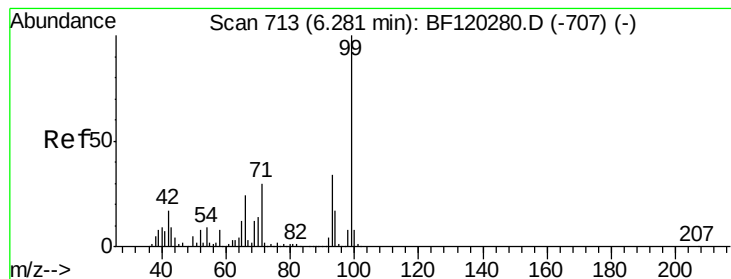
Tot Ion:152 Resp: 277394
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 58.5 47.9 71.9



#5
 2-Fluorophenol
 Concen: 106.039 ng
 RT: 5.23 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Tgt Ion:112 Resp: 1511765
 Ion Ratio Lower Upper
 112 100
 64 66.2 52.7 79.1
 63 33.2 26.2 39.4





#7

Phenol-d6

Concen: 95.856 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

BNA_F

ClientSampleId :

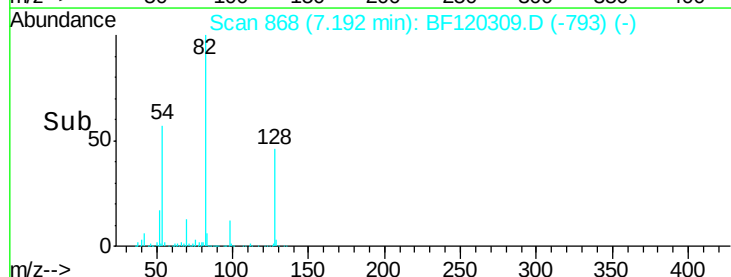
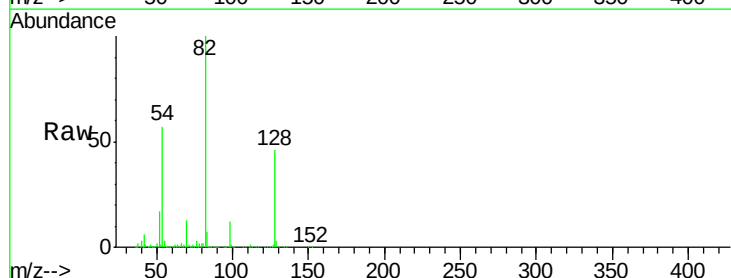
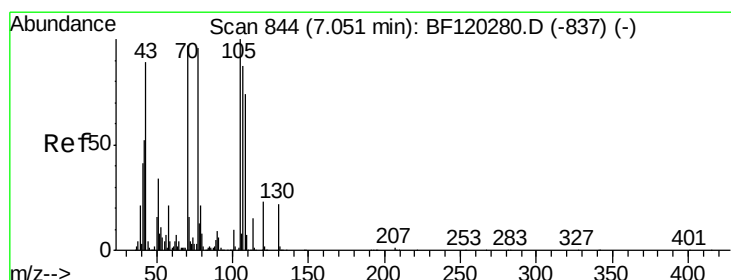
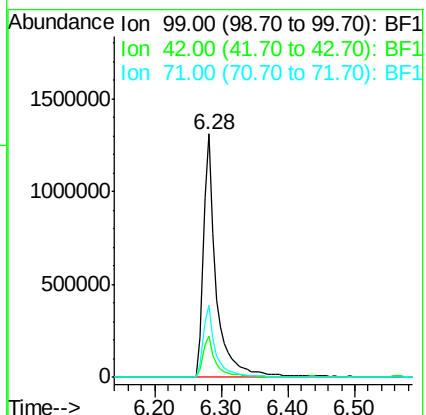
Tot Ion: 99 Resp: 1728191

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 29.6 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.590 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.14 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Tgt Ion: 70 Resp: 184138

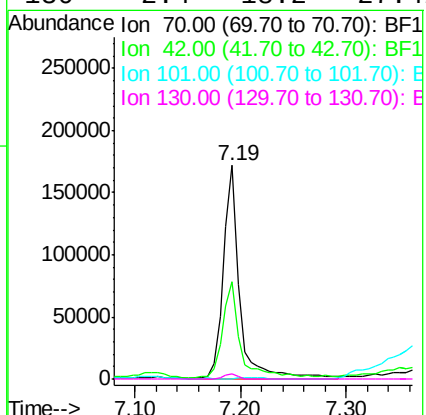
Ion Ratio Lower Upper

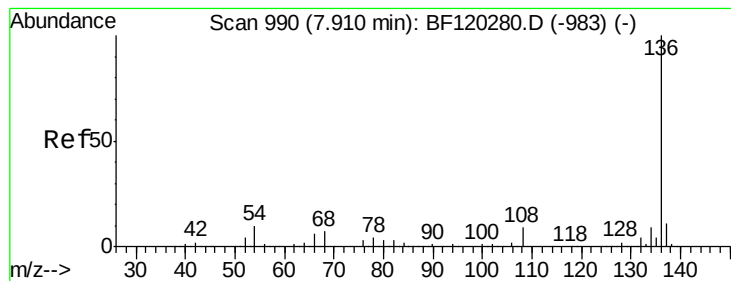
70 100

42 45.5 43.4 65.0

101 0.3 7.8 11.8#

130 2.4 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1120662

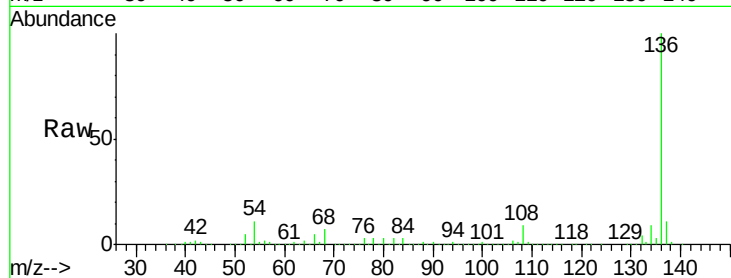
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.7 7.9 11.9

68 7.0 5.4 8.2

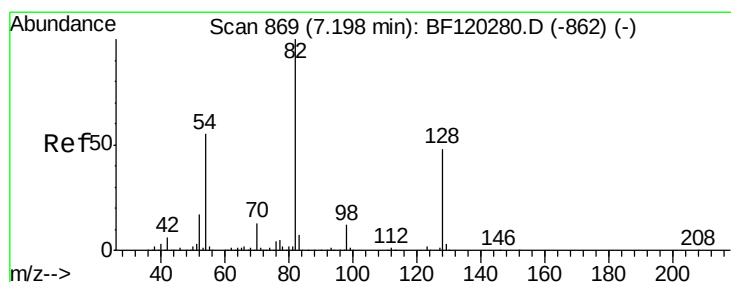
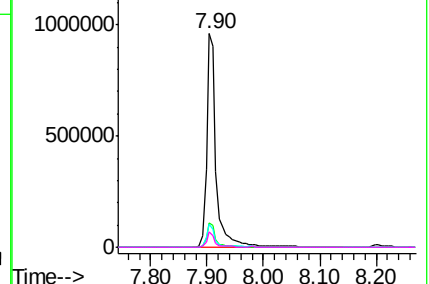
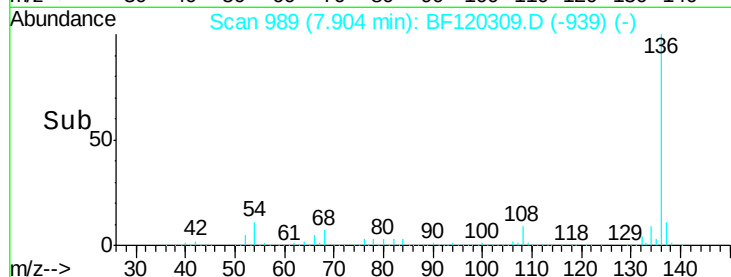


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 87.295 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

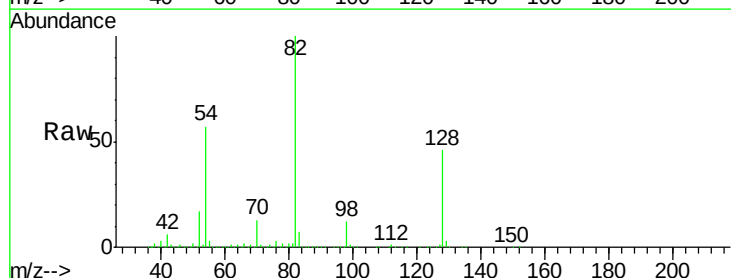
Tgt Ion: 82 Resp: 1428852

Ion Ratio Lower Upper

82 100

128 46.4 38.3 57.5

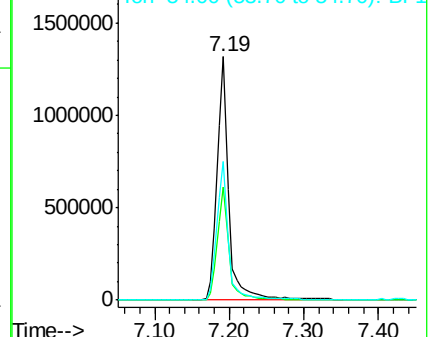
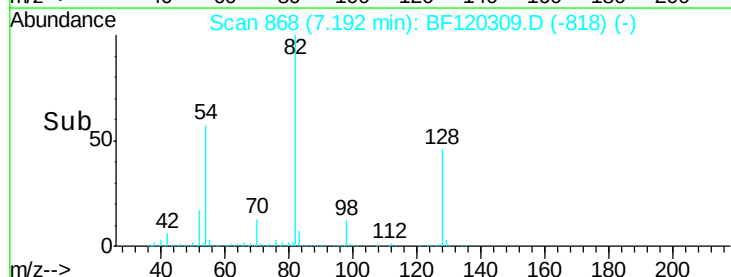
54 56.9 43.9 65.9

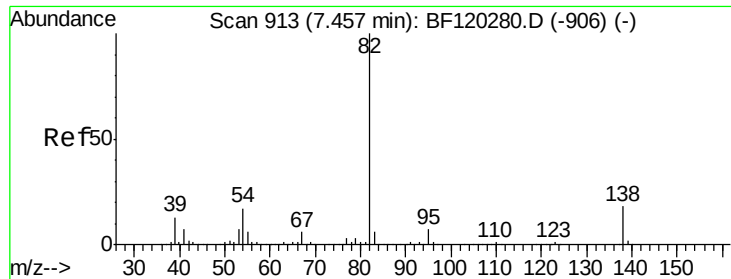


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.926 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.26 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

BNA_F

ClientSampleId :

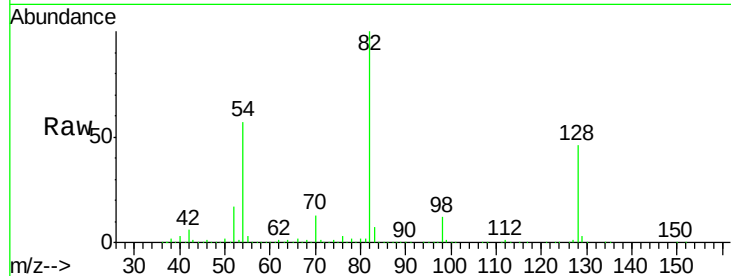
Tot Ion: 82 Resp: 1427866

Ion Ratio Lower Upper

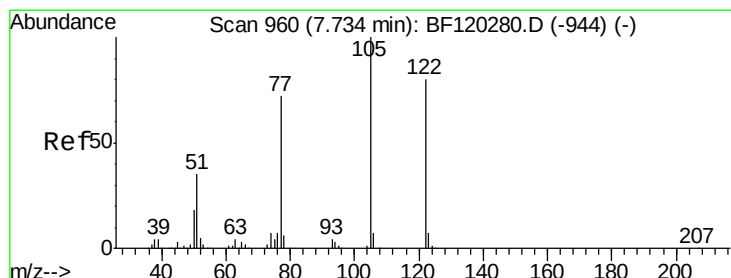
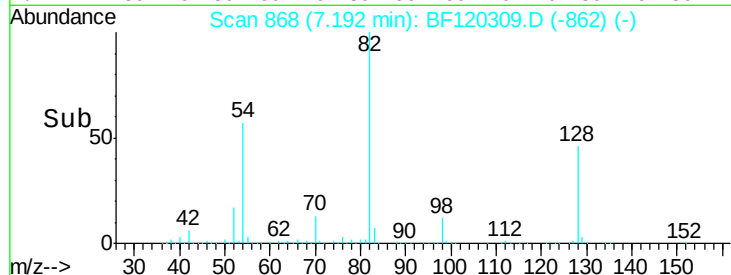
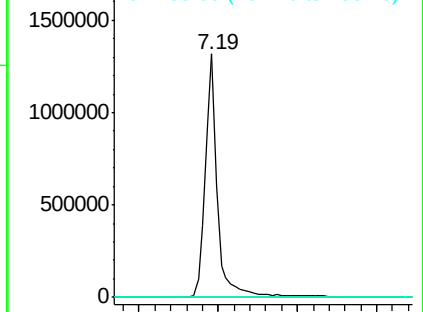
82 100

95 0.0 5.4 8.0#

138 0.0 14.7 22.1#



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



#32

Benzoic acid

Concen: 2.614 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.02 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

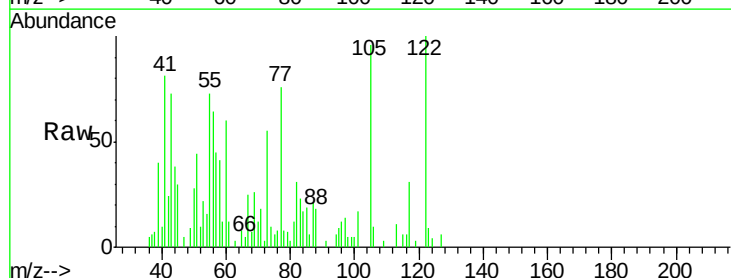
Tgt Ion:122 Resp: 22966

Ion Ratio Lower Upper

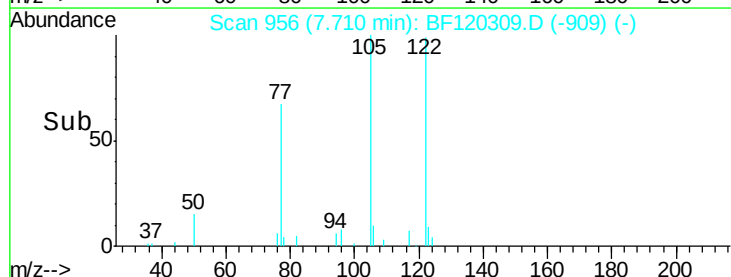
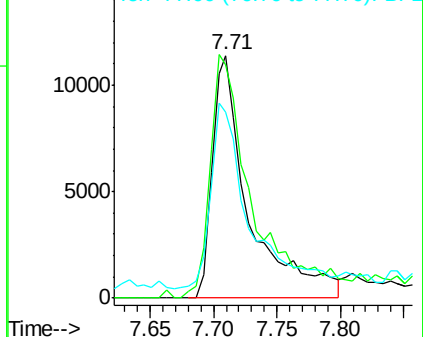
122 100

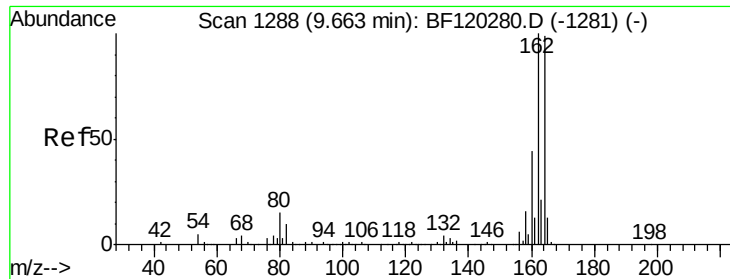
105 96.3 98.1 138.1#

77 76.5 66.7 106.7



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

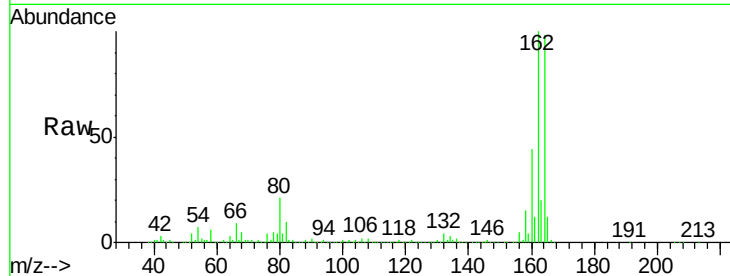




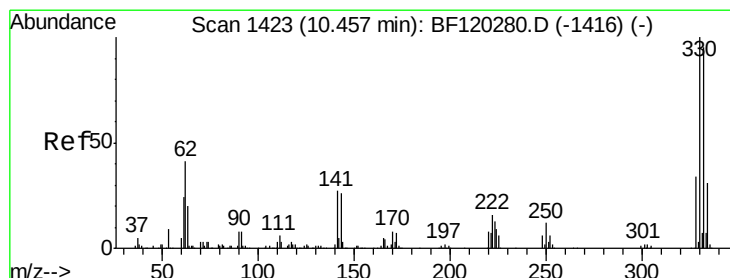
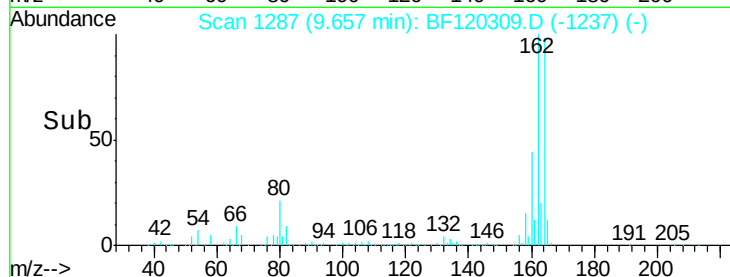
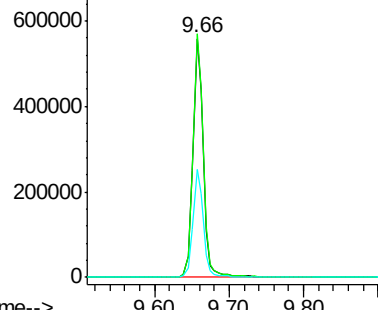
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 533477
 Ion Ratio Lower Upper
 164 100
 162 101.9 81.2 121.8
 160 45.3 35.8 53.6

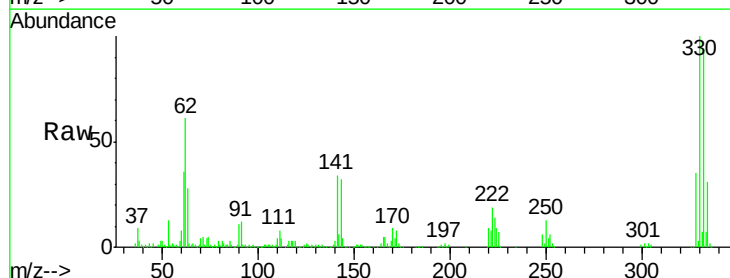


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

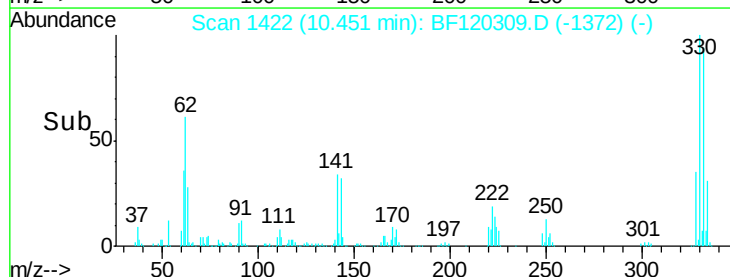
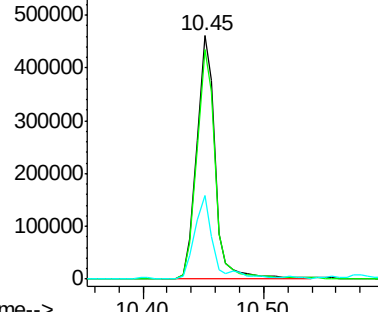


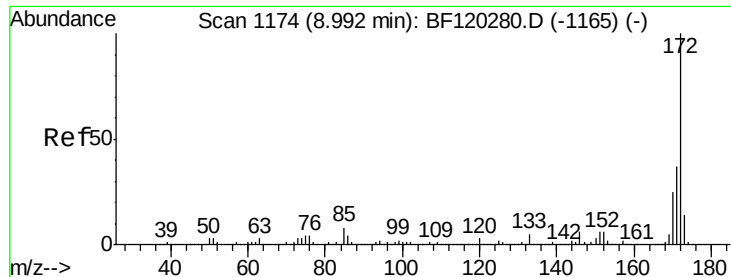
#42
 2,4,6-Tribromophenol
 Concen: 111.775 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Tgt Ion:330 Resp: 486188
 Ion Ratio Lower Upper
 330 100
 332 94.6 76.5 114.7
 141 34.0 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

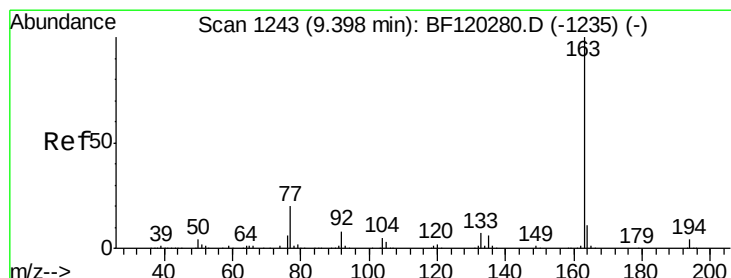
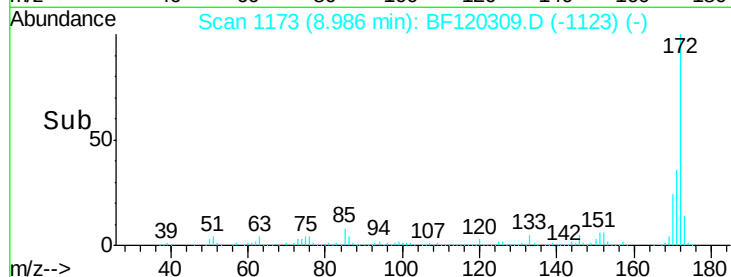
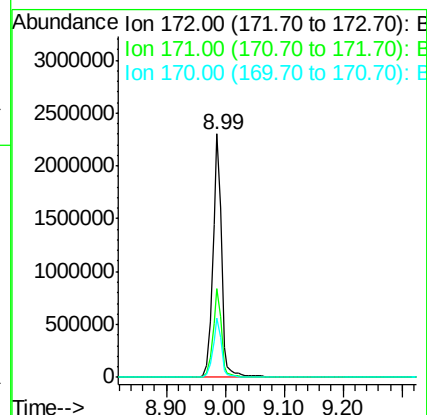
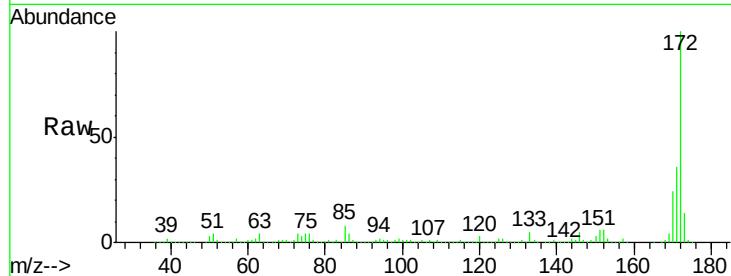




#45
2-Fluorobiphenyl
Concen: 91.649 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

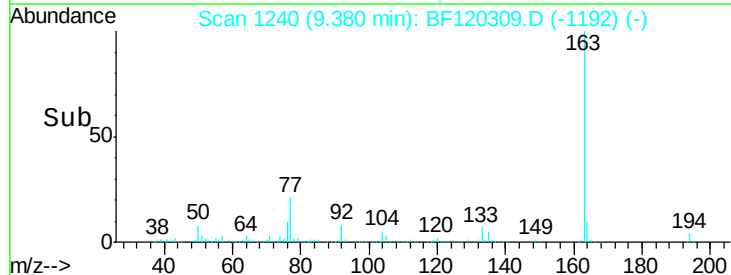
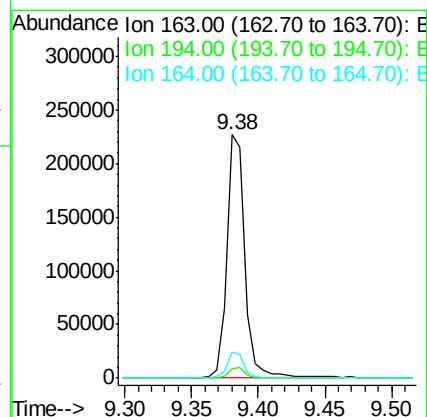
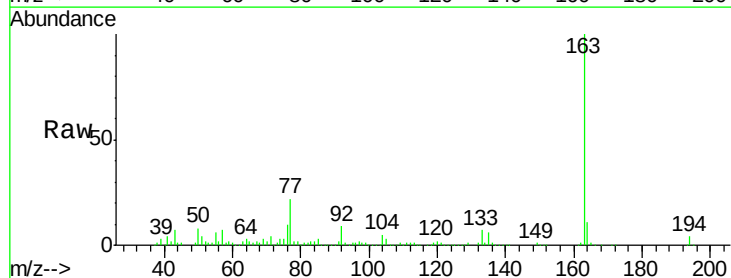
Instrument :
BNA_F
ClientSampleId :

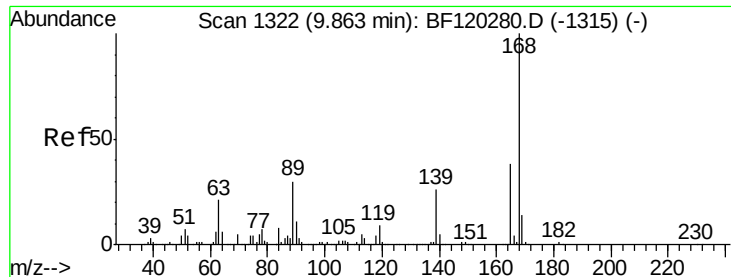
Tot Ion:172 Resp: 2379824
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.2 19.9 29.9



#50
Dimethylphthalate
Concen: 6.437 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BF120309.D
Acq: 14 May 2020 23:46

Tgt Ion:163 Resp: 217061
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.5 8.6 12.8

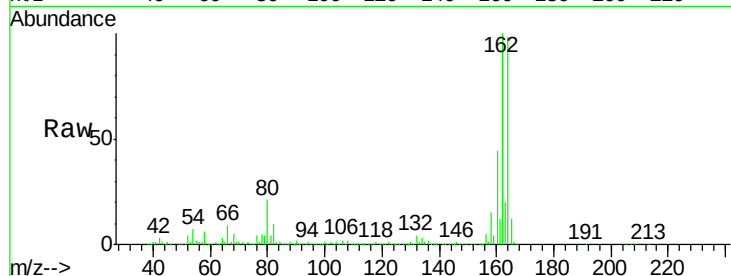




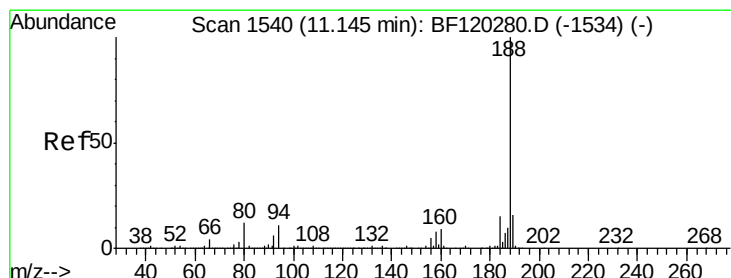
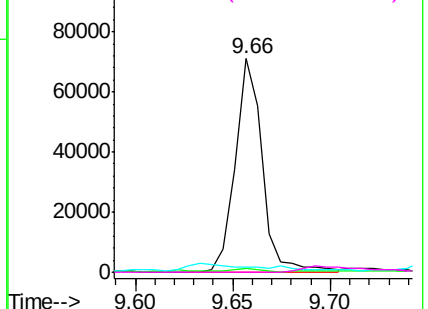
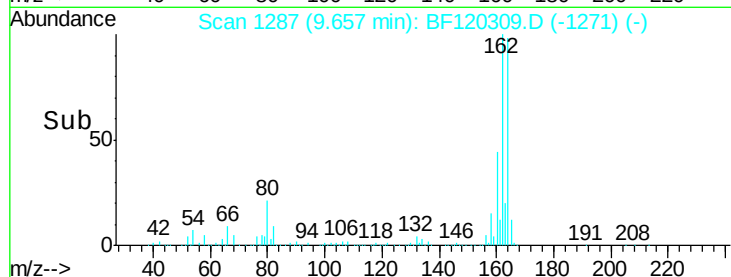
#57
 2,4-Dinitrotoluene
 Concen: 7.722 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.21 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 68183
 Ion Ratio Lower Upper
 165 100
 63 1.6 51.8 77.8#
 89 2.5 64.2 96.4#
 182 0.0 2.0 3.0#

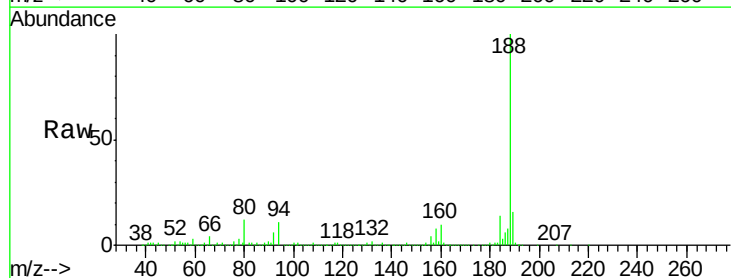


Abundance Ion 165.00 (164.70 to 165.70): E

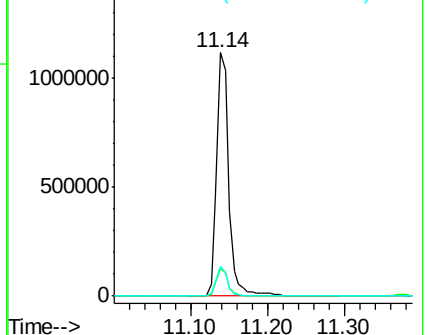
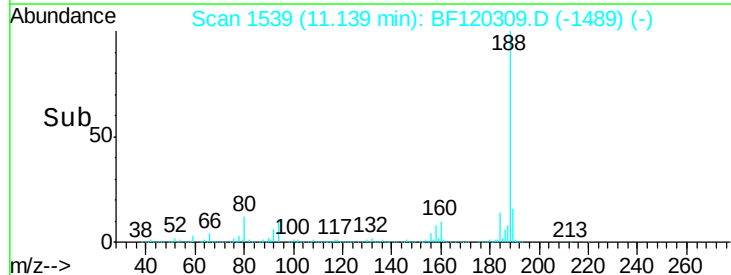


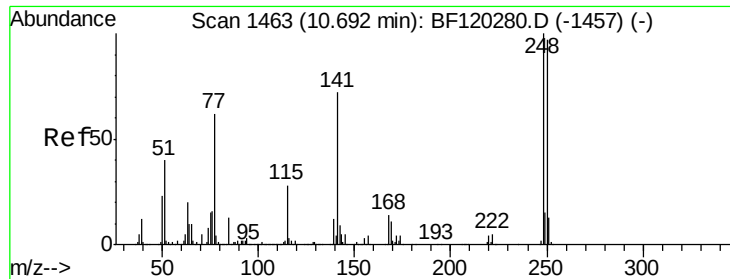
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Tgt Ion:188 Resp: 1199069
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.6 13.0
 80 12.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E





#67

4-Bromophenyl-phenylether

Concen: 2.514 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.24 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

Instrument :

BNA_F

ClientSampled :

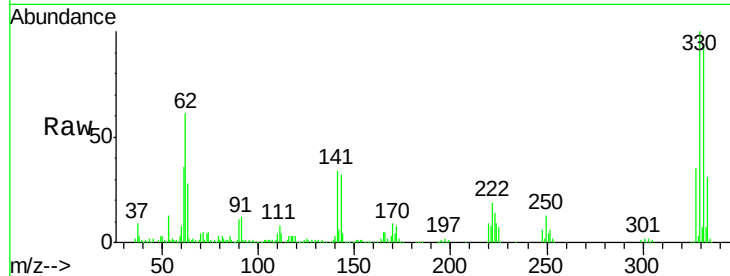
Tot Ion:248 Resp: 29253

Ion Ratio Lower Upper

248 100

250 210.1 77.8 116.6#

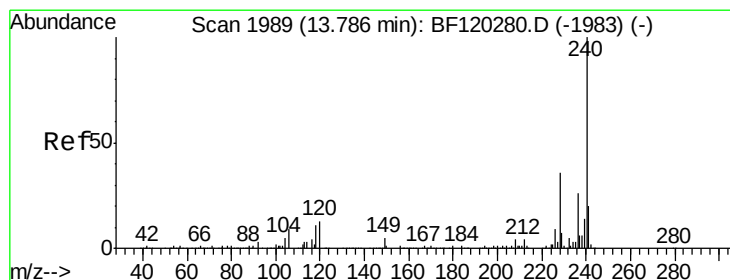
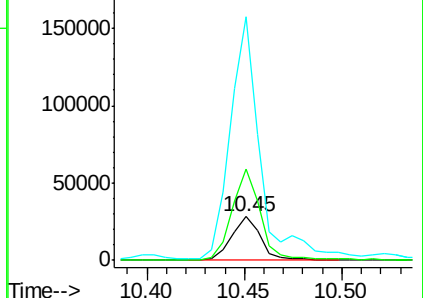
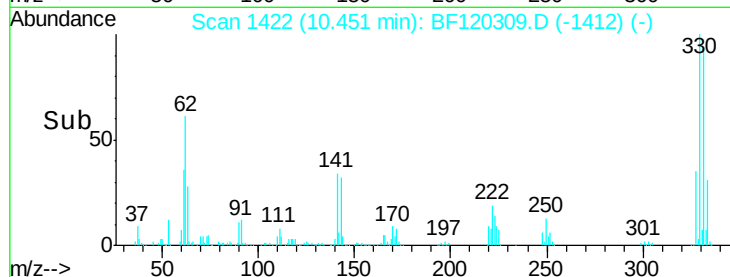
141 561.2 57.7 86.5#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.78 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF120309.D

Acq: 14 May 2020 23:46

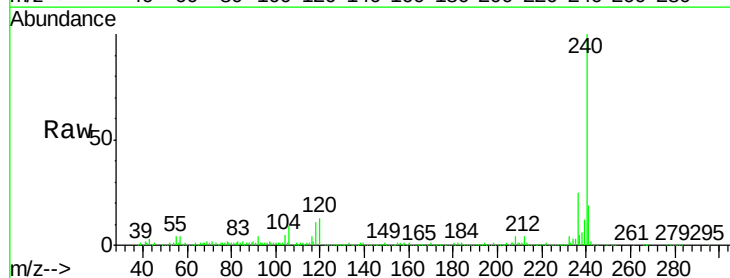
Tgt Ion:240 Resp: 702250

Ion Ratio Lower Upper

240 100

120 13.3 10.4 15.6

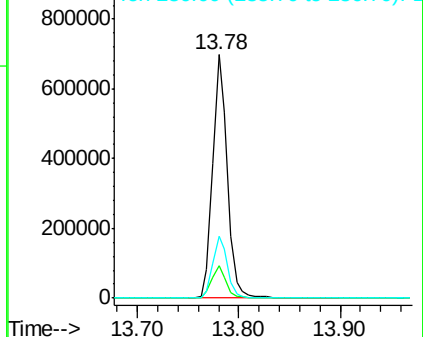
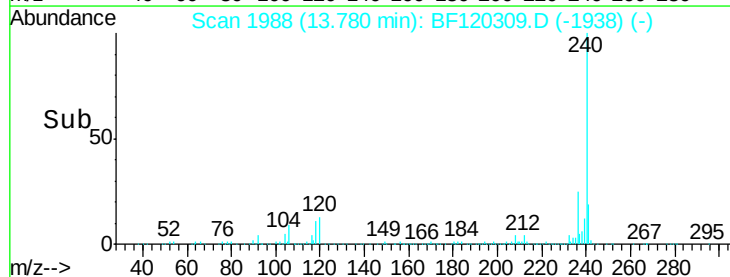
236 25.2 21.0 31.6

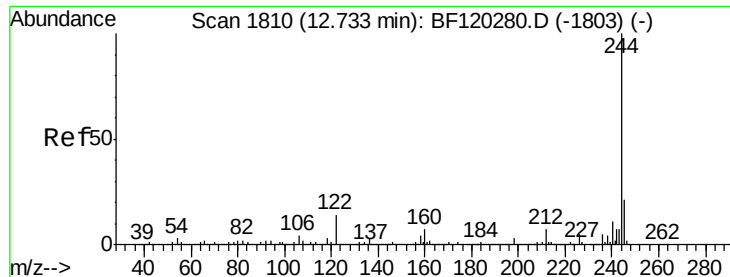


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

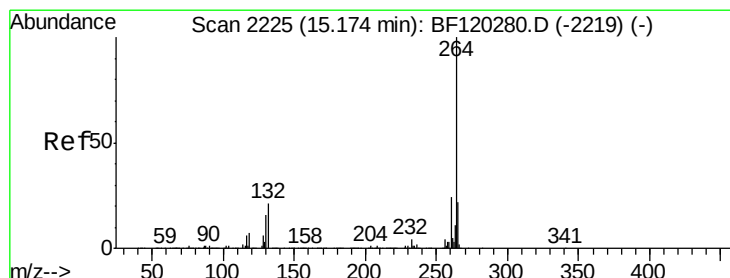
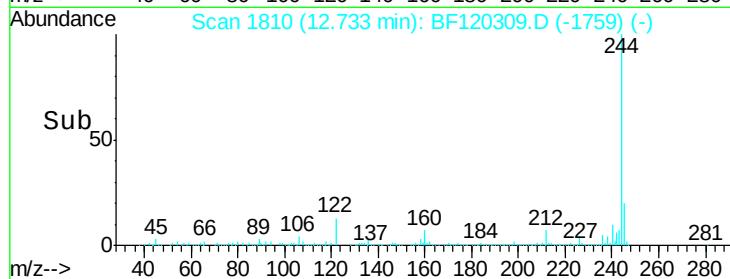
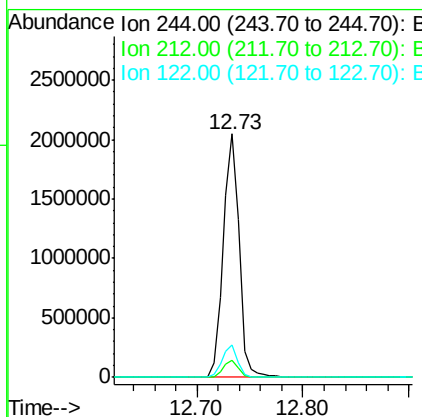
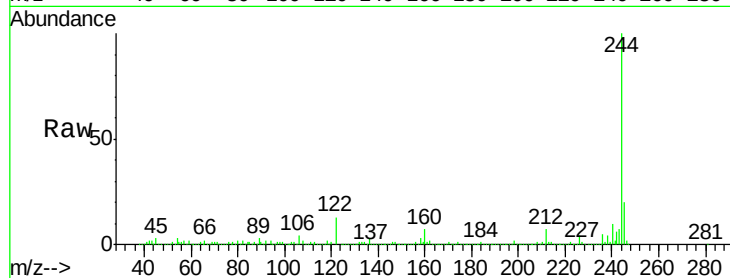




#79
 Terphenyl-d14
 Concen: 68.069 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 2163718
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 13.1 10.8 16.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.17 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF120309.D
 Acq: 14 May 2020 23:46

Tgt Ion:264 Resp: 592917
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.3 17.5 26.3

