

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120347.D
 Acq On : 18 May 2020 17:45
 Operator : MA/SJ
 Sample : PB128946TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 00:21:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

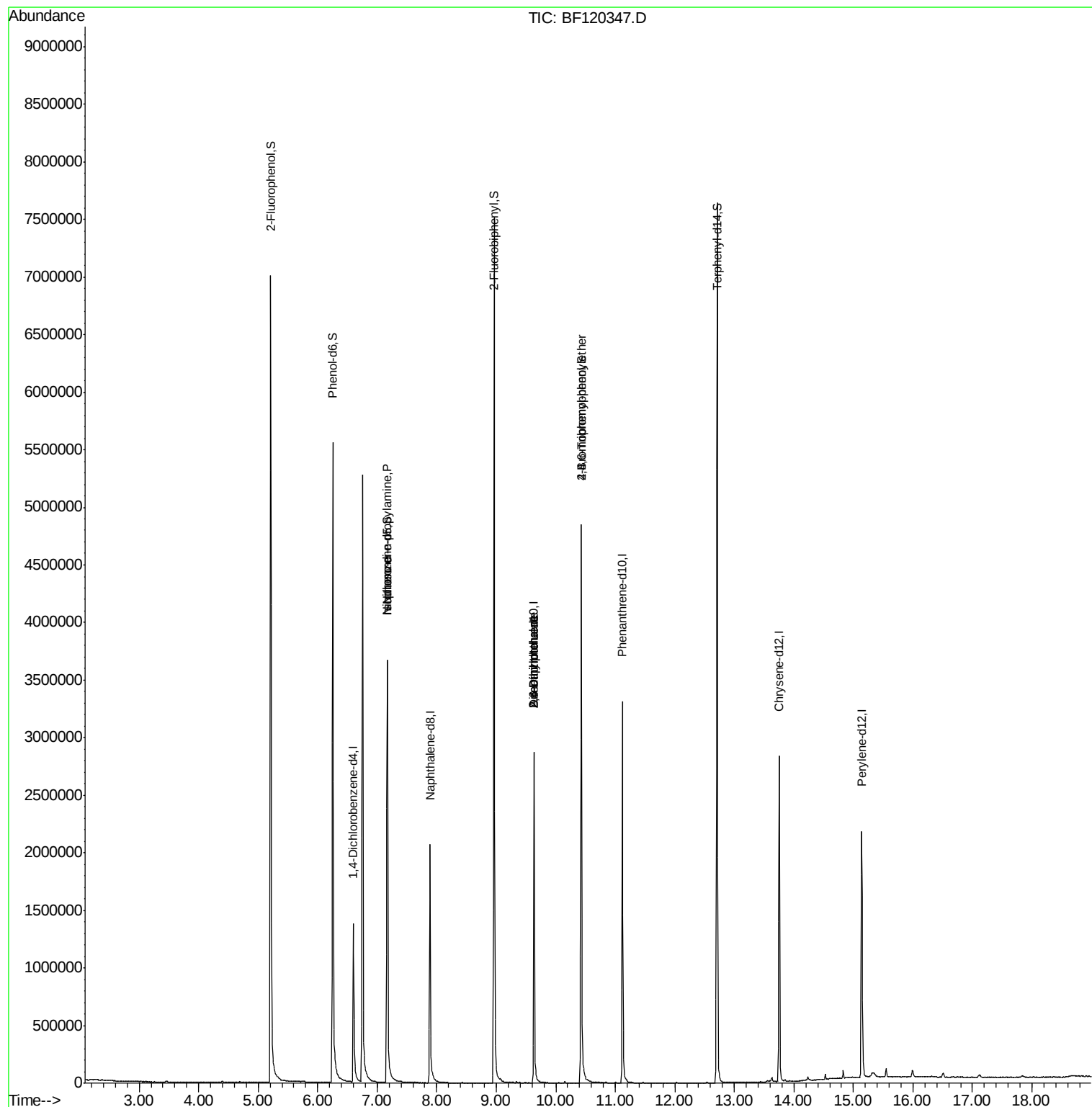
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	293240	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	1228493	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	746736	20.00	ng	-0.01
64) Phenanthrene-d10	11.12	188	1393199	20.00	ng	0.00
76) Chrysene-d12	13.75	240	1124280	20.00	ng	-0.01
87) Perylene-d12	15.14	264	1004144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2228748	147.88	ng	0.00
7) Phenol-d6	6.26	99	2606418	136.76	ng	0.00
23) Nitrobenzene-d5	7.17	82	1680860	93.68	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	795877	130.72	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2926191	80.51	ng	0.00
79) Terphenyl-d14	12.72	244	3552034	69.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	210877	16.889	ng	# 80
25) Isophorone	7.17	82	1637061	43.849	ng	# 65
50) Dimethylphthalate	9.64	163	149733	3.172	ng	# 1
51) 2,6-Dinitrotoluene	9.63	165	95158	9.032	ng	# 23
57) 2,4-Dinitrotoluene	9.63	165	96005	7.768	ng	# 16
67) 4-Bromophenyl-phenylether	10.43	248	48929	3.619	ng	# 1

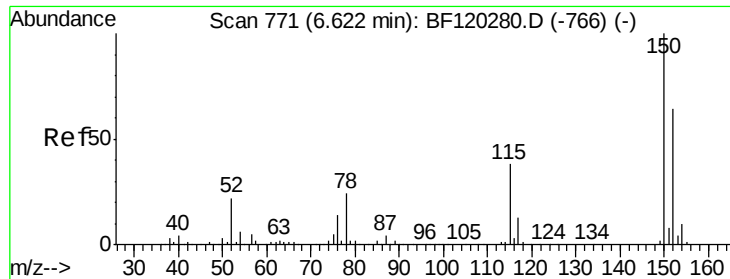
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

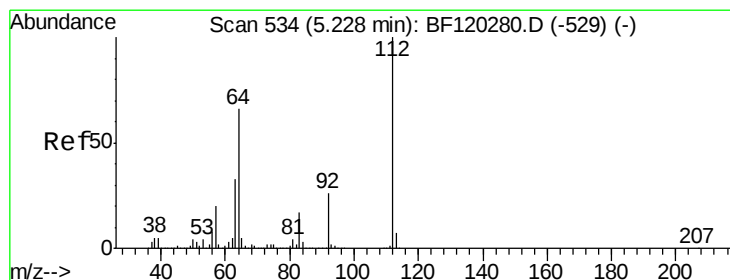
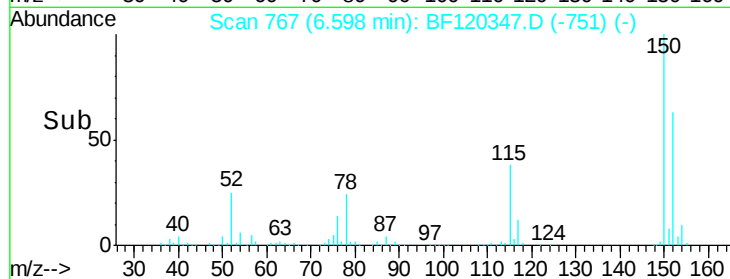
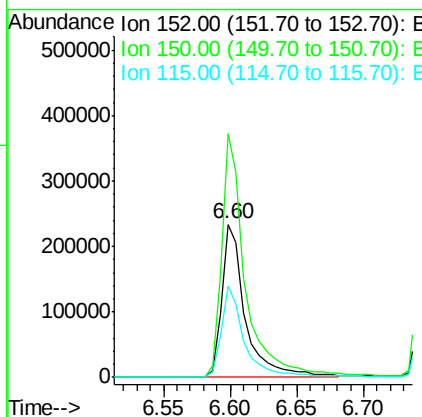
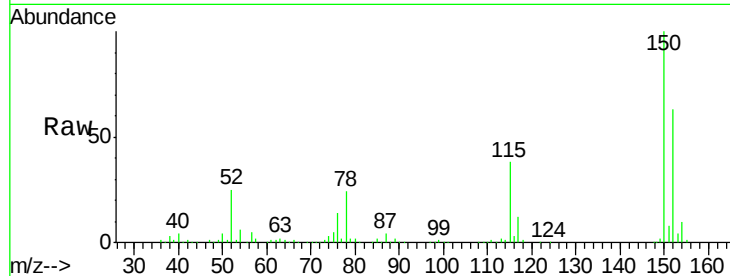




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

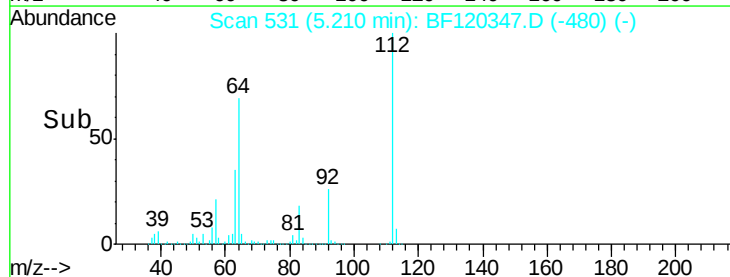
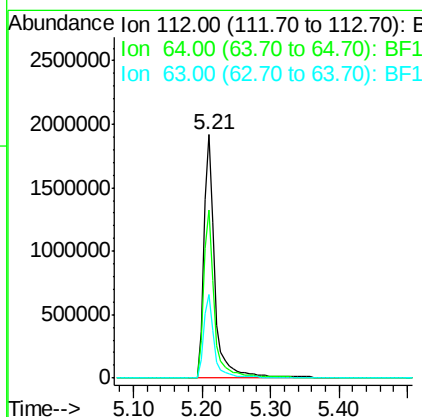
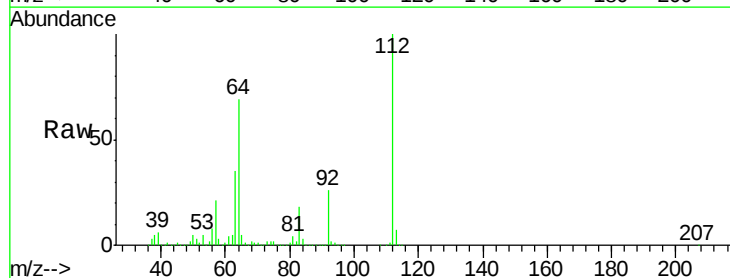
Instrument :
 BNA_F
 ClientSampleId :

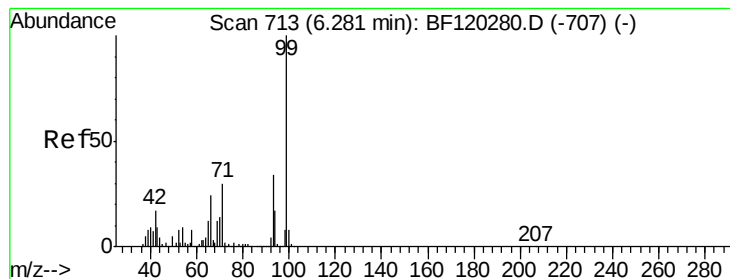
Tot Ion:152 Resp: 293240
 Ion Ratio Lower Upper
 152 100
 150 159.0 126.2 189.2
 115 59.8 47.9 71.9



#5
 2-Fluorophenol
 Concen: 147.882 ng
 RT: 5.21 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

Tgt Ion:112 Resp: 2228748
 Ion Ratio Lower Upper
 112 100
 64 68.8 52.7 79.1
 63 34.6 26.2 39.4





#7

Phenol-d6

Concen: 136.756 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120347.D

Acq: 18 May 2020 17:45

Instrument :

BNA_F

ClientSampleId :

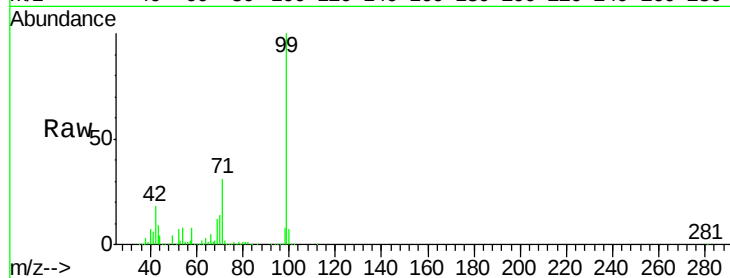
Tot Ion: 99 Resp: 2606418

Ion Ratio Lower Upper

99 100

42 17.8 13.6 20.4

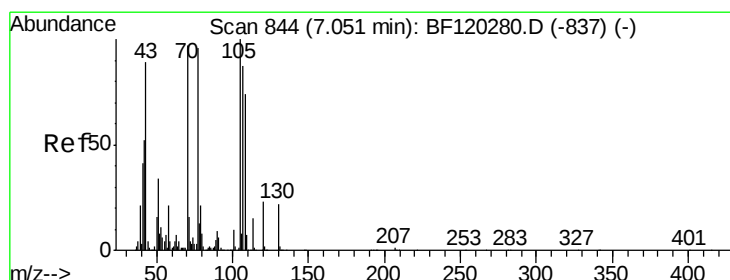
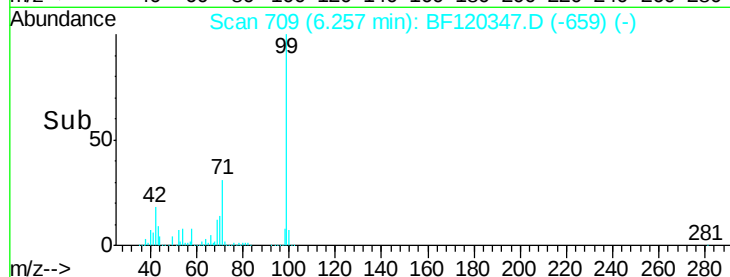
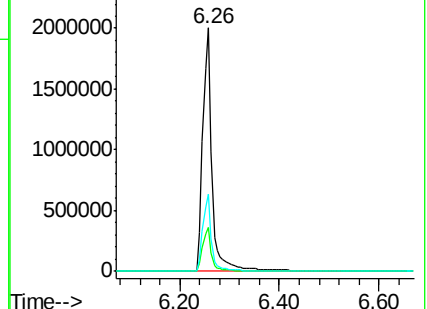
71 31.5 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.889 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.14 min

Lab File: BF120347.D

Acq: 18 May 2020 17:45

Tgt Ion: 70 Resp: 210877

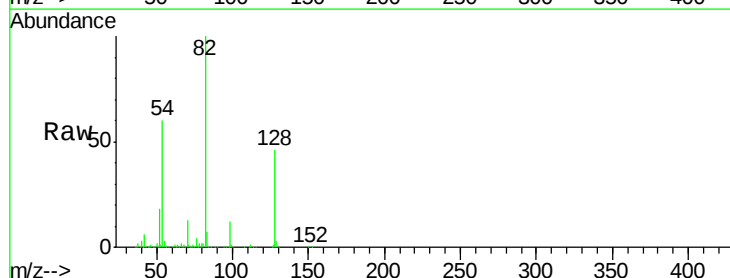
Ion Ratio Lower Upper

70 100

42 47.3 43.4 65.0

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

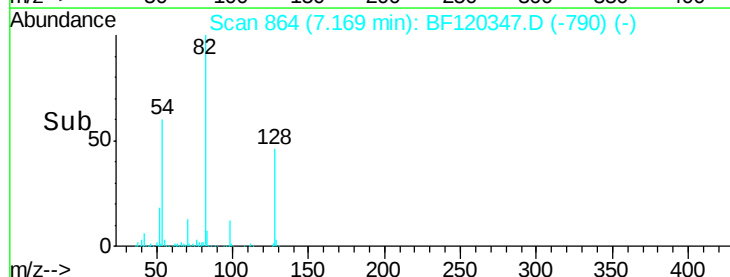
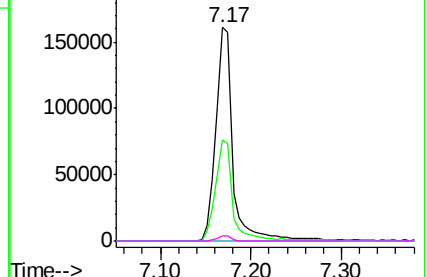


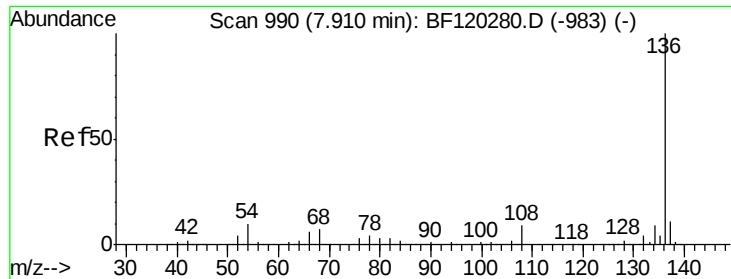
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

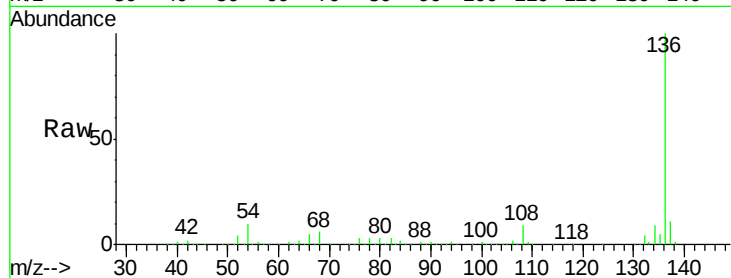




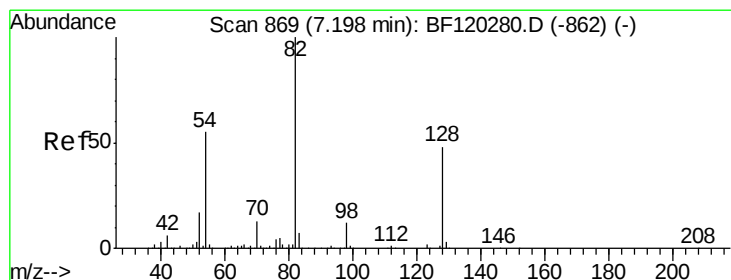
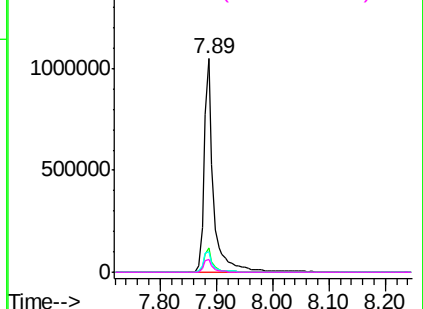
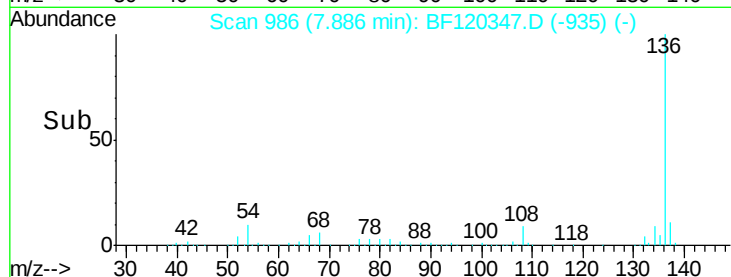
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF120347.D
Acq: 18 May 2020 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 1228493
Ion Ratio	Lower Upper
136 100	
137 11.2	9.1 13.7
54 9.7	7.9 11.9
68 6.0	5.4 8.2

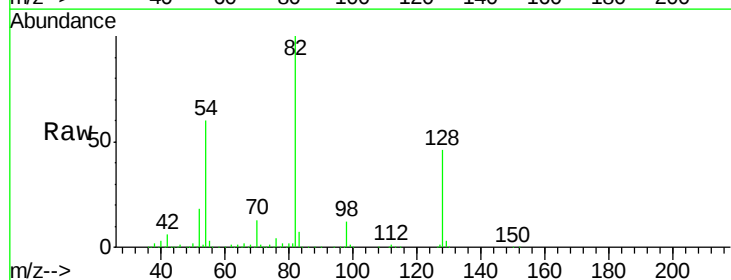


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

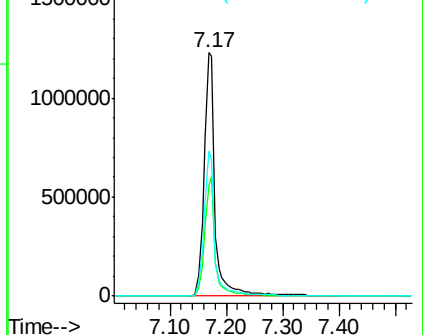
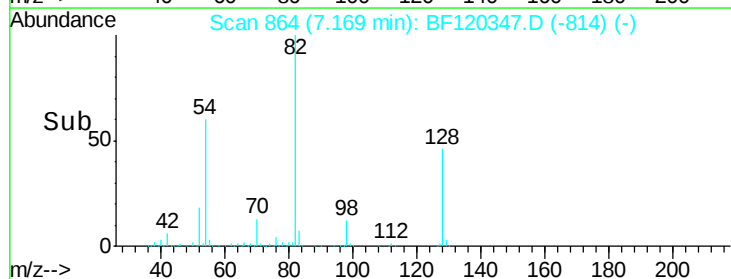


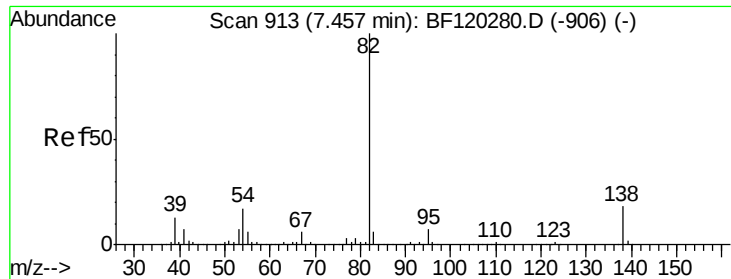
#23
Nitrobenzene-d5
Concen: 93.678 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF120347.D
Acq: 18 May 2020 17:45

Tgt	Ion: 82	Resp: 1680860	
Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.3	57.5
54	59.7	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: 43.849 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.26 min

Lab File: BF120347.D

Acq: 18 May 2020 17:45

Instrument :

BNA_F

ClientSampleId :

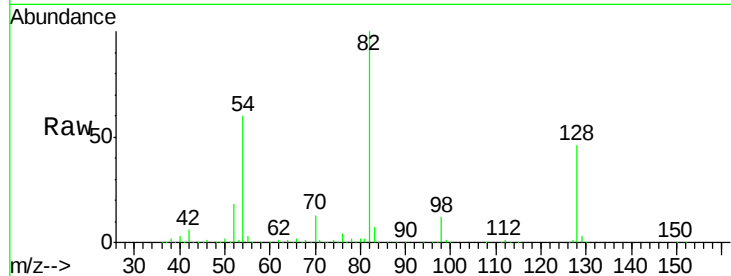
Tot Ion: 82 Resp: 1637061

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

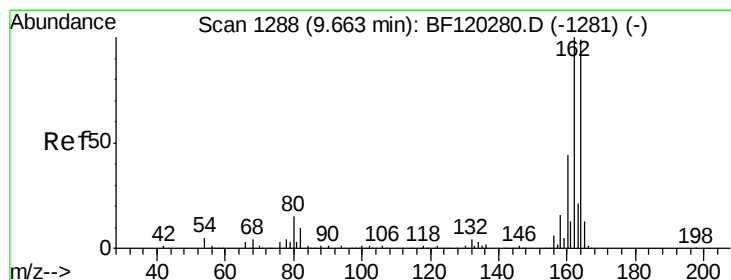
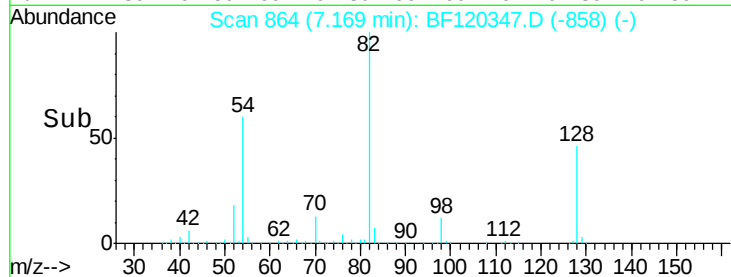
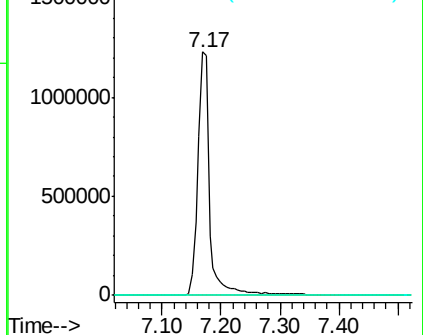
138 0.0 14.7 22.1#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BF120347.D

Acq: 18 May 2020 17:45

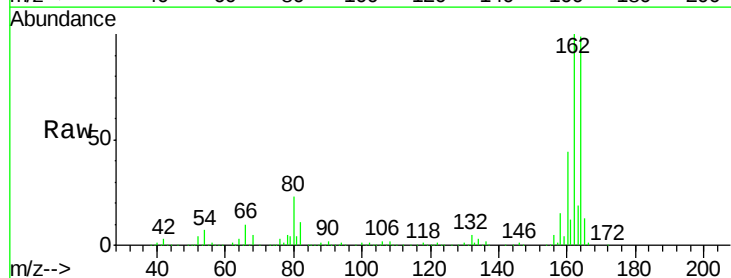
Tgt Ion:164 Resp: 746736

Ion Ratio Lower Upper

164 100

162 100.8 81.2 121.8

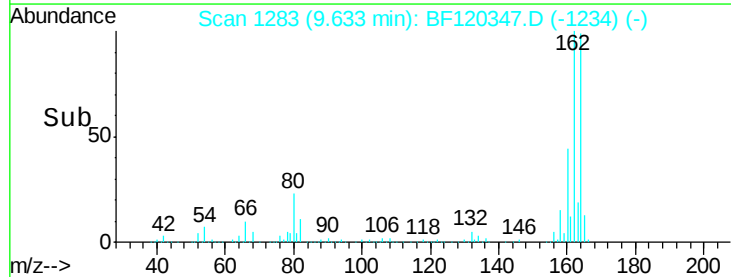
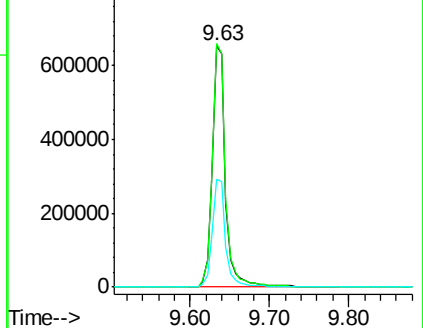
160 44.8 35.8 53.6

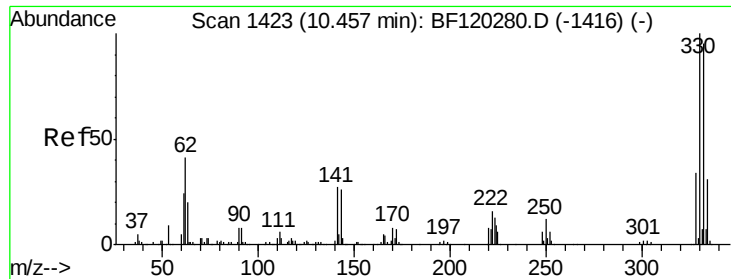


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

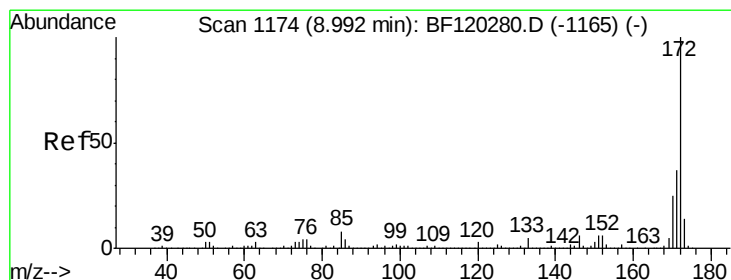
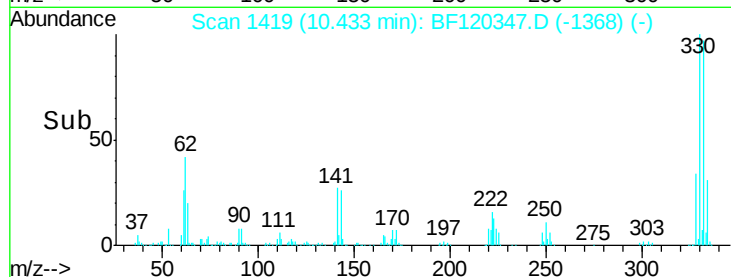
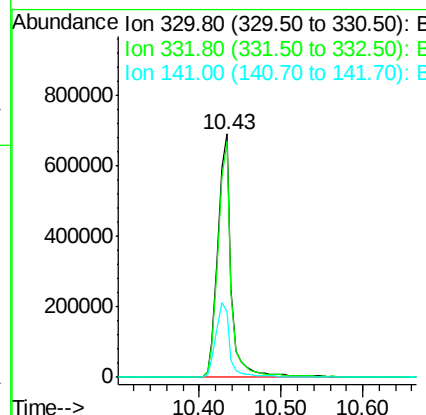
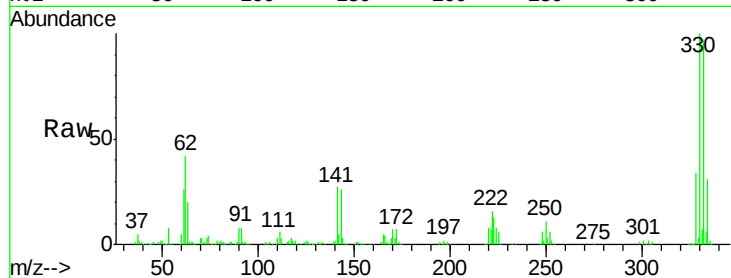




#42
 2,4,6-Tribromophenol
 Concen: 130.718 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

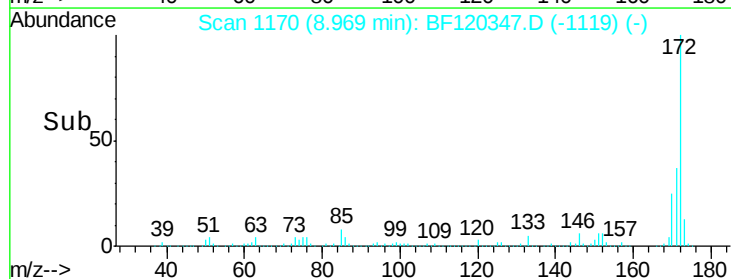
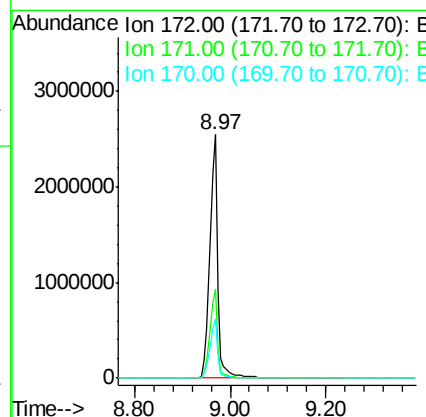
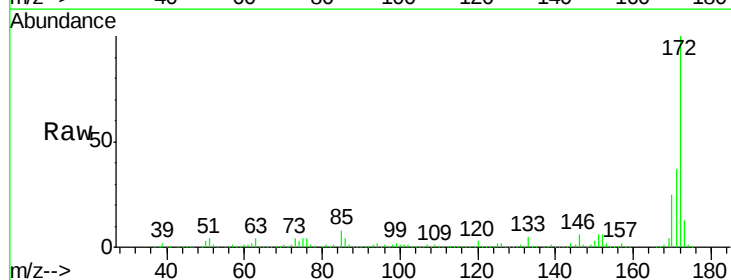
Instrument :
 BNA_F
 ClientSampleId :

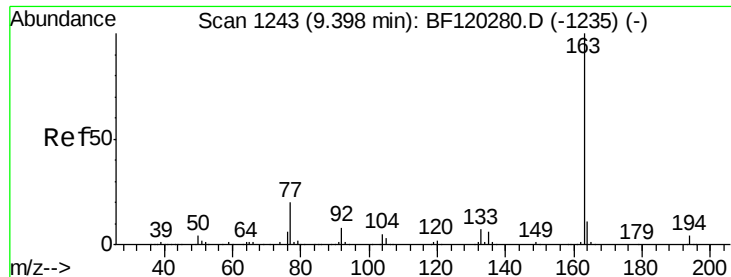
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.5	114.7
141	32.5	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 80.507 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.6	19.9	29.9





#50

Dimethylphthalate

Concen: 3.172 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.26 min

Lab File: BF120347.D

Acq: 18 May 2020 17:45

Instrument :

BNA_F

ClientSampled :

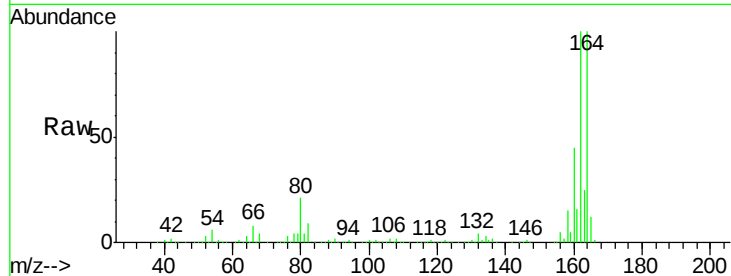
Tot Ion:163 Resp: 149733

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

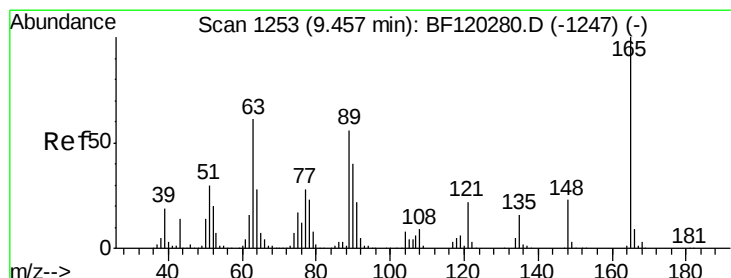
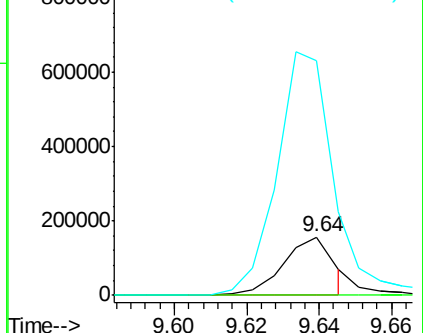
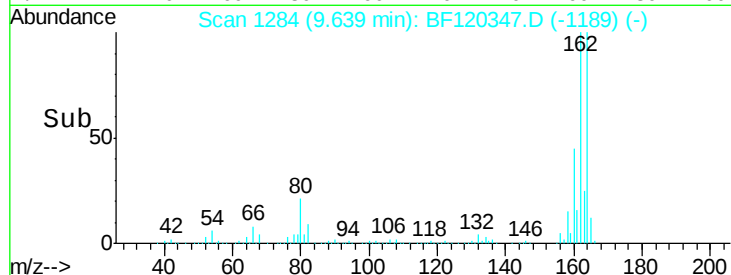
164 404.2 8.6 12.8#



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: 9.032 ng

RT: 9.63 min Scan# 1283

Delta R.T. 0.19 min

Lab File: BF120347.D

Acq: 18 May 2020 17:45

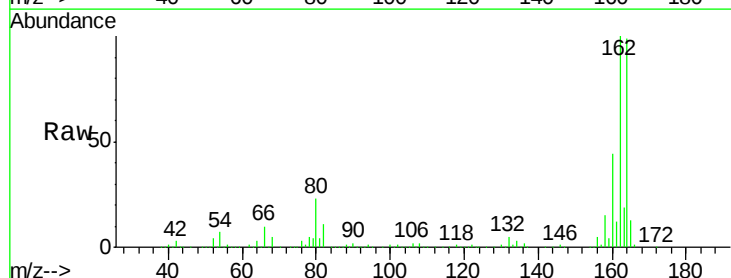
Tgt Ion:165 Resp: 95158

Ion Ratio Lower Upper

165 100

63 1.1 50.2 75.2#

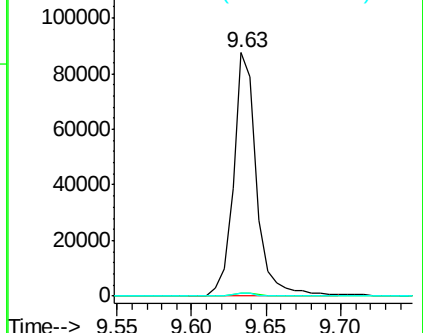
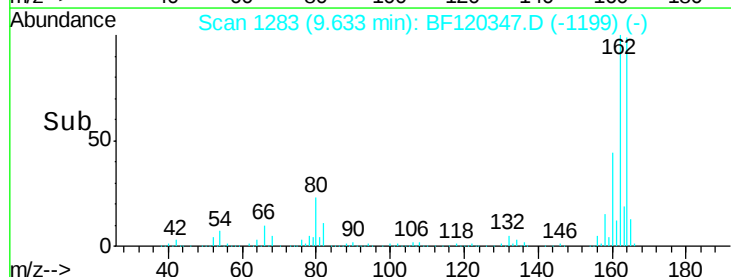
89 1.2 44.6 66.8#

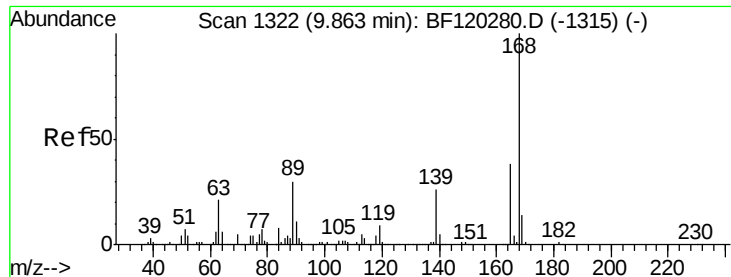


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

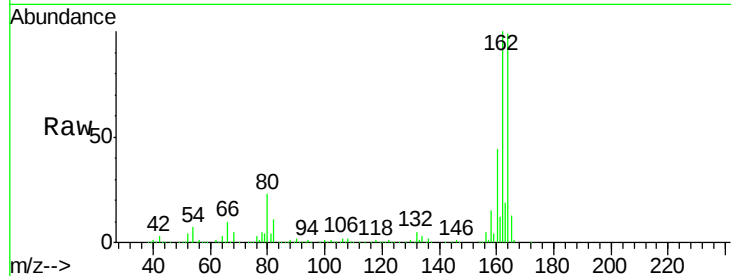




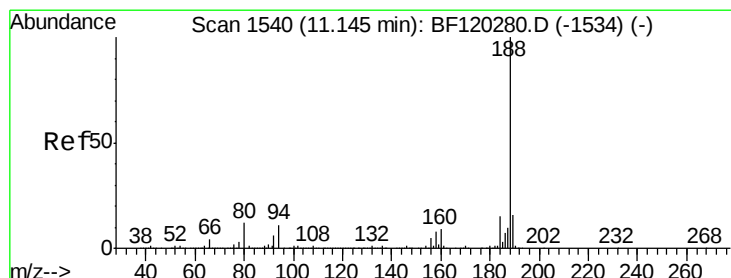
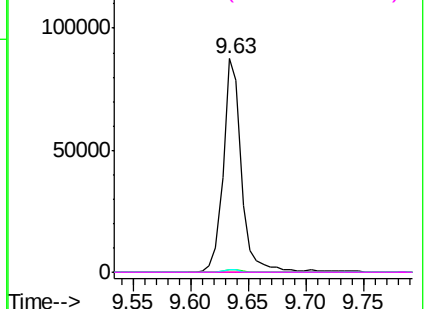
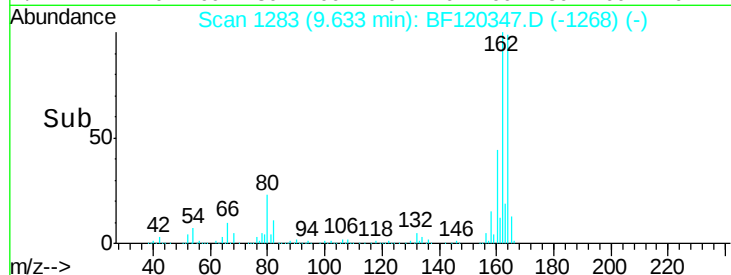
#57
 2,4-Dinitrotoluene
 Concen: 7.768 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.21 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 96005
 Ion Ratio Lower Upper
 165 100
 63 1.1 51.8 77.8#
 89 1.2 64.2 96.4#
 182 0.0 2.0 3.0#

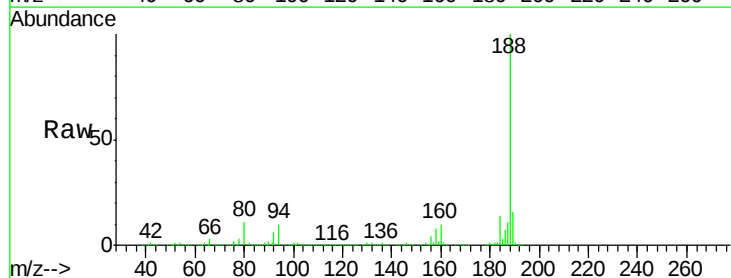


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

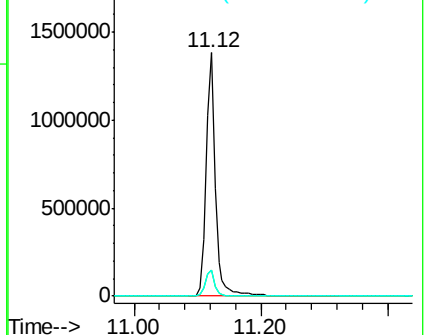
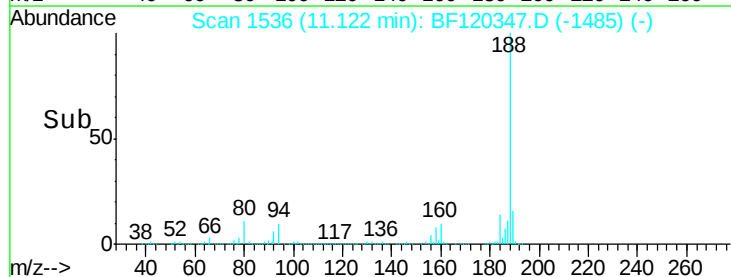


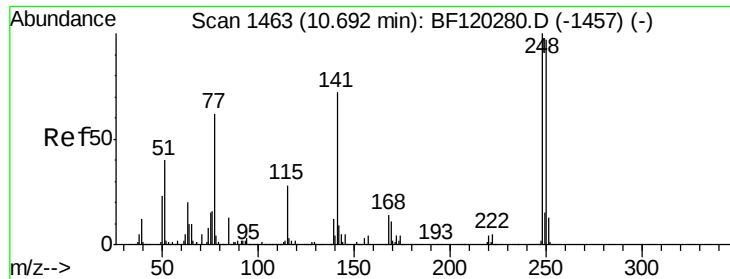
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

Tgt Ion:188 Resp: 1393199
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.6 13.0
 80 10.6 9.2 13.8



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

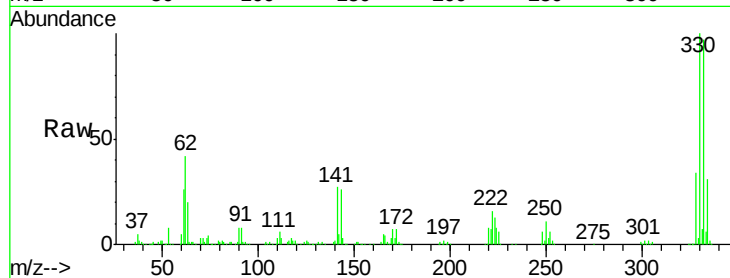




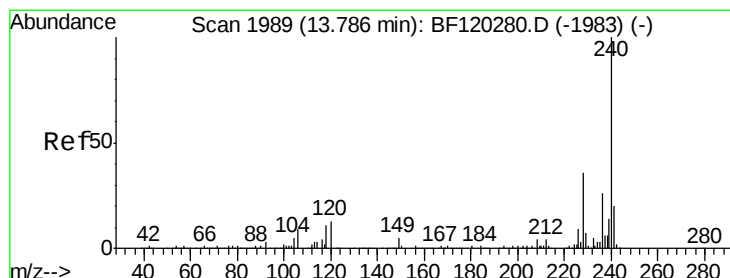
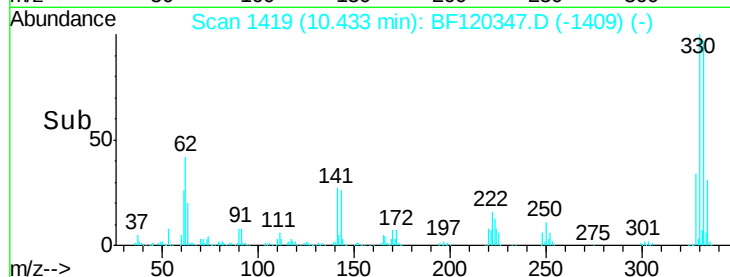
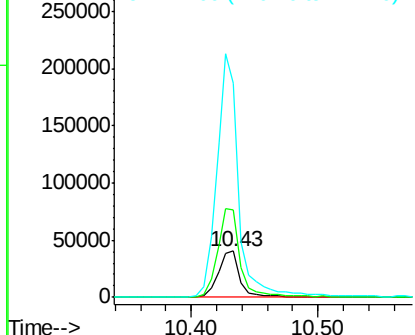
#67
4-Bromophenyl-phenylether
Concen: 3.619 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.24 min
Lab File: BF120347.D
Acq: 18 May 2020 17:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 48929
Ion Ratio Lower Upper
248 100
250 189.3 77.8 116.6#
141 462.5 57.7 86.5#

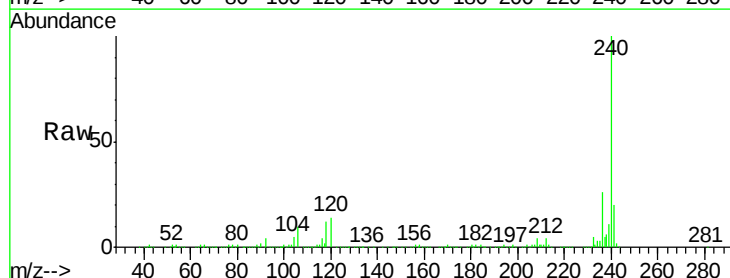


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

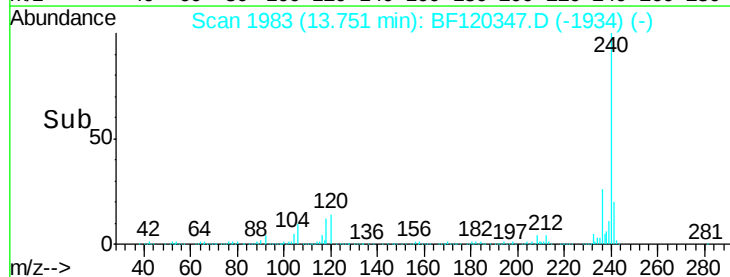
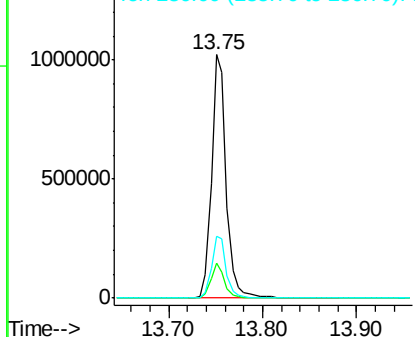


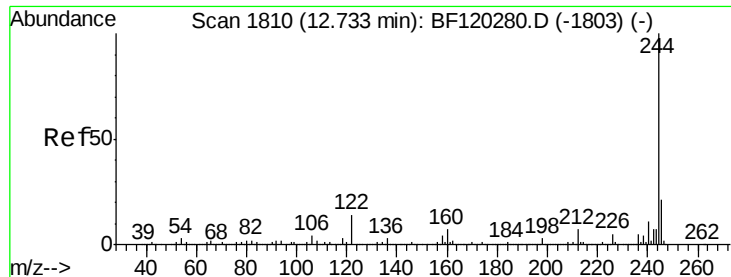
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BF120347.D
Acq: 18 May 2020 17:45

Tgt Ion:240 Resp: 1124280
Ion Ratio Lower Upper
240 100
120 14.1 10.4 15.6
236 25.6 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

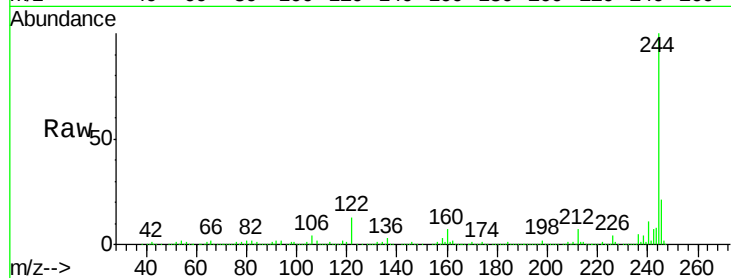




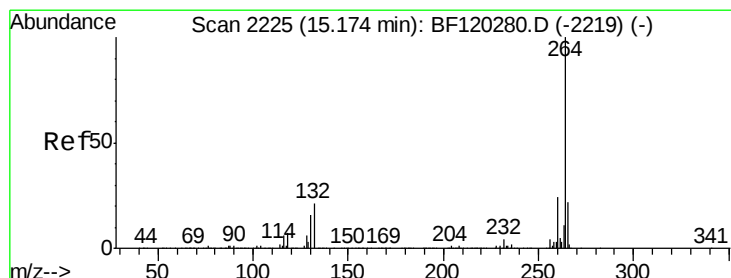
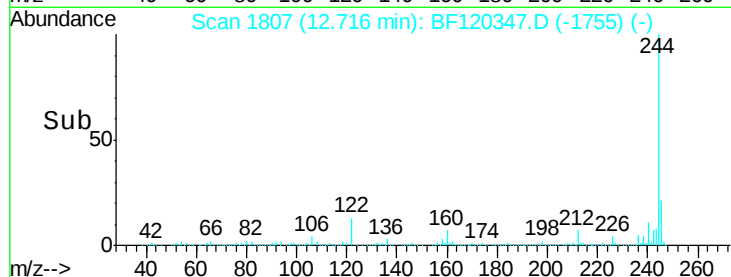
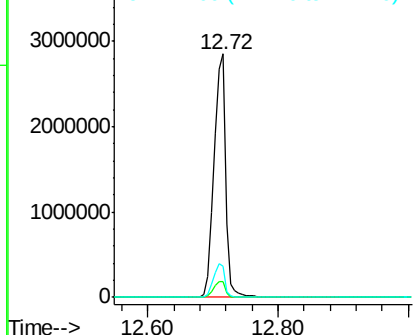
#79
 Terphenyl-d14
 Concen: 69.798 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 3552034
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 12.7 10.8 16.2

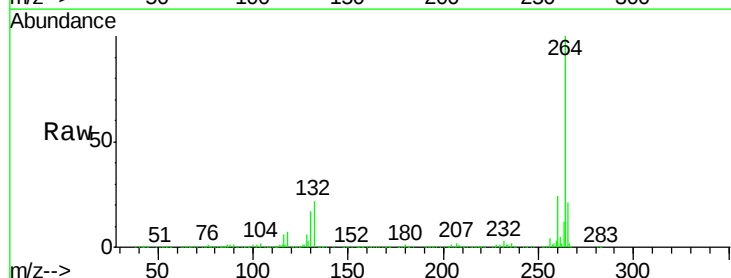


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BF120347.D
 Acq: 18 May 2020 17:45

Tgt Ion:264 Resp: 1004144
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

