

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120107.D
 Acq On : 21 Apr 2020 17:30
 Operator : MA/SJ
 Sample : L2343-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 01:48:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

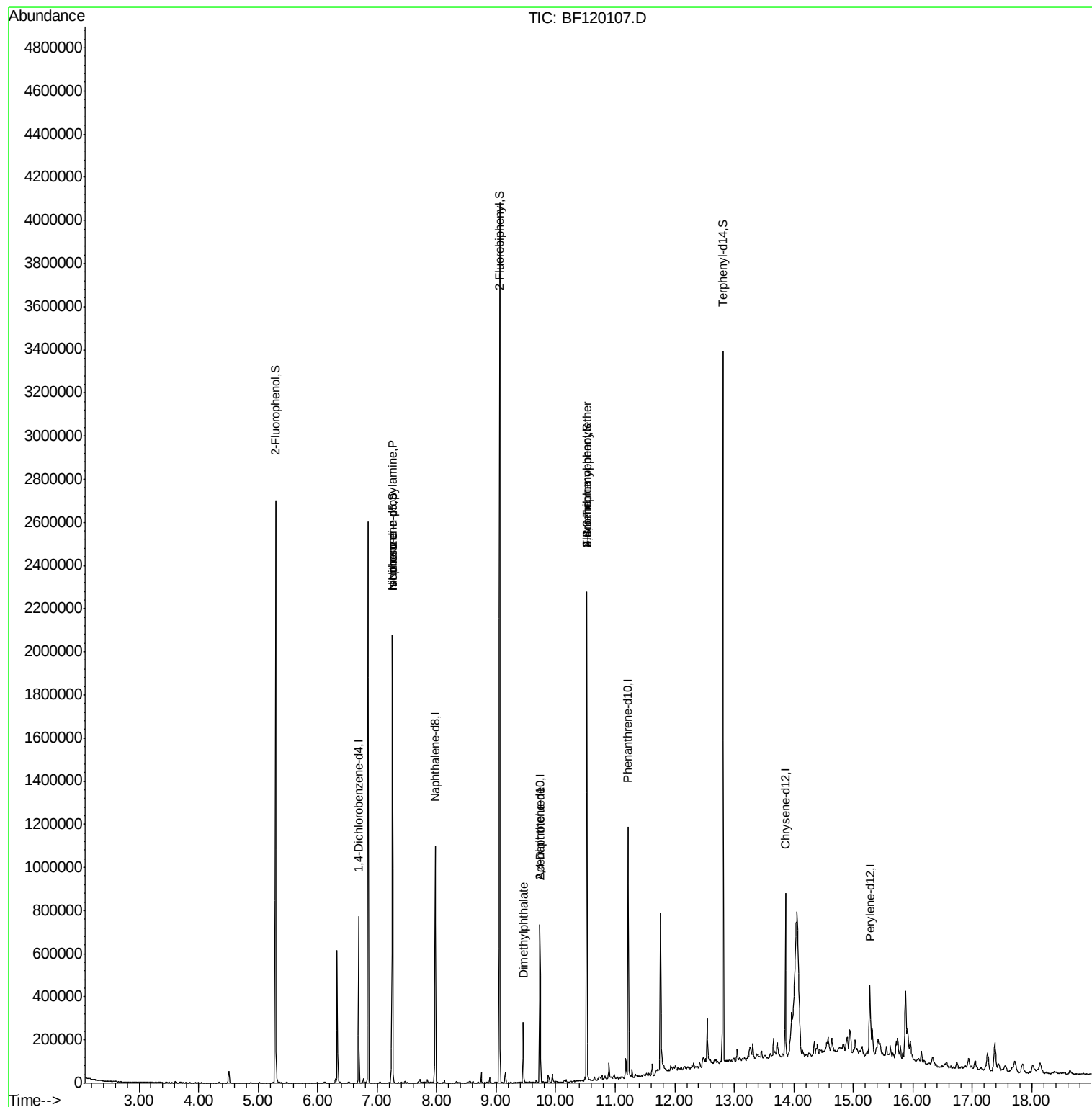
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	112374	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	428201	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	33813	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	374125	20.00	ng	0.00
76) Chrysene-d12	13.86	240	228841	20.00	ng	-0.01
87) Perylene-d12	15.27	264	39301	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	675708	103.92	ng	0.00
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.26	82	596981	72.12	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	245366	592.69	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1166924	489.98	ng	0.00
79) Terphenyl-d14	12.81	244	1069619	78.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	820	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	76797	14.254	ng	# 1
25) Isophorone	7.26	82	596554	37.388	ng	# 80
50) Dimethylphthalate	9.45	163	91946	35.156	ng	# 65
57) 2,4-Dinitrotoluene	9.73	165	3504	4.644	ng	# 97
58) Fluorene	10.52	166	11551	4.719	ng	# 44
67) 4-Bromophenyl-phenylether	10.52	248	15605	3.354	ng	# 81
						# 1

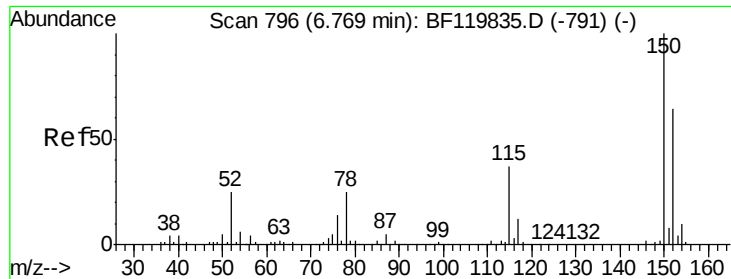
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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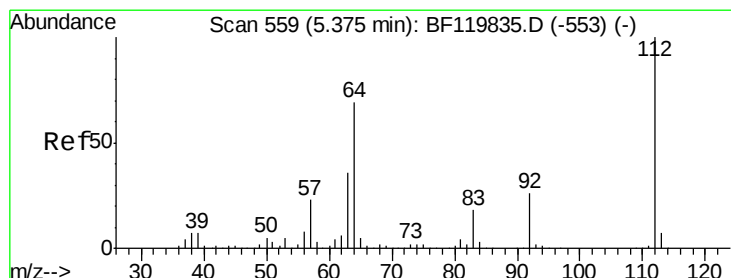
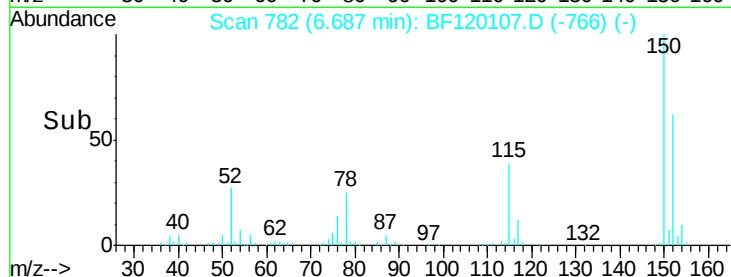
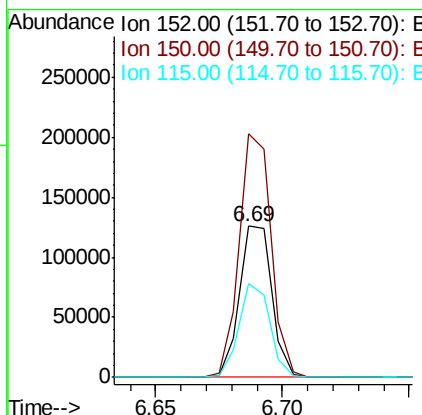
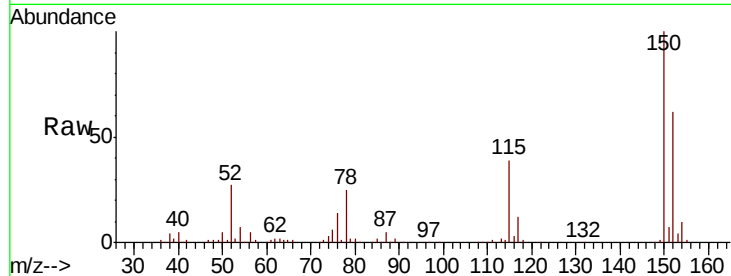


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Instrument :
BNA_F
ClientSampleId :

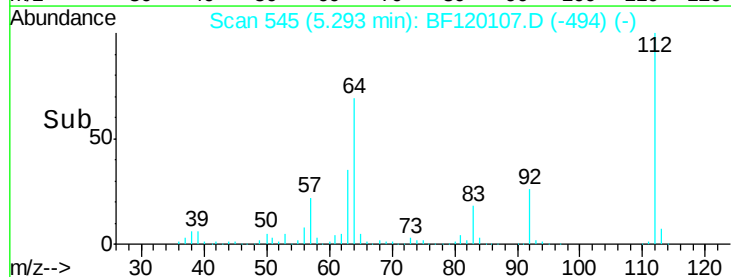
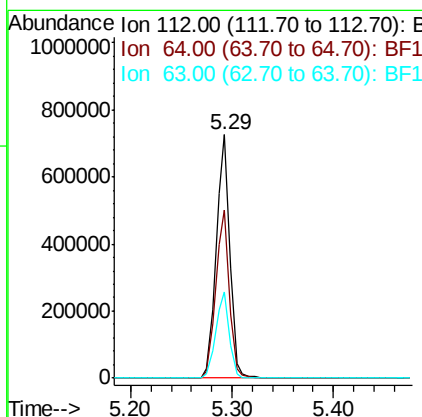
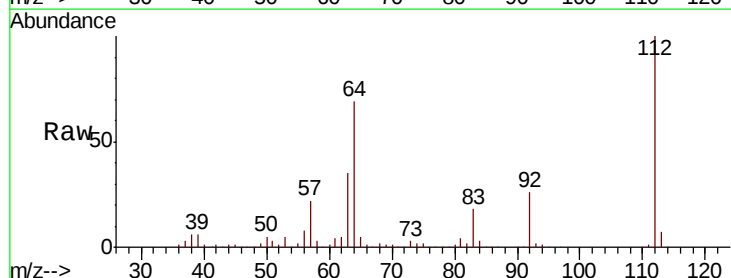
Tot Ion:152 Resp: 112374
Ion Ratio Lower Upper
152 100
150 161.0 124.8 187.2
115 62.4 46.5 69.7

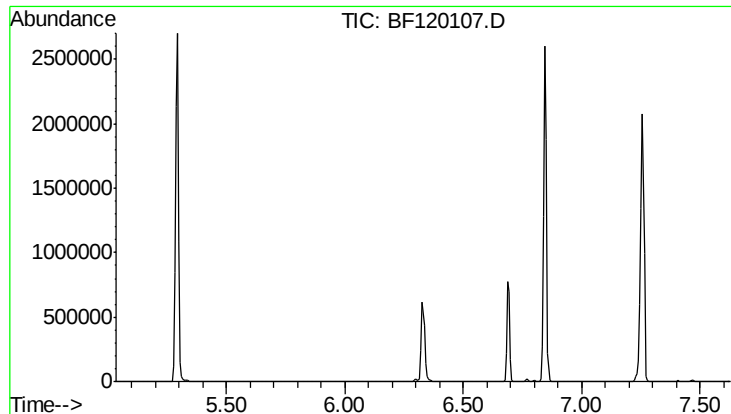


#5

2-Fluorophenol
Concen: 103.916 ng
RT: 5.29 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Tgt Ion:112 Resp: 675708
Ion Ratio Lower Upper
112 100
64 69.2 55.5 83.3
63 35.4 29.1 43.7





#7

Phenol-d6

Concen: 0.000 ng

Expected RT: 6.33 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

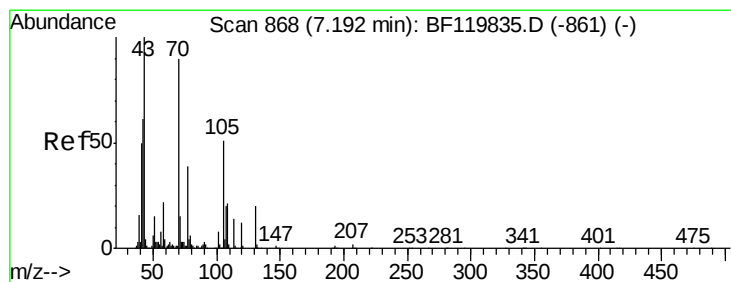
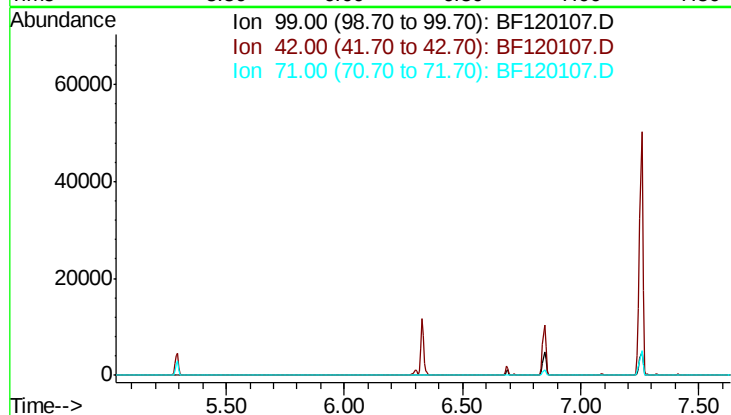
Tot Ion: 99

Sig Exp Ratio

99 100

42 21.1

71 32.9



#19

n-Nitroso-di-n-propylamine

Concen: 14.254 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Tgt Ion: 70 Resp: 76797

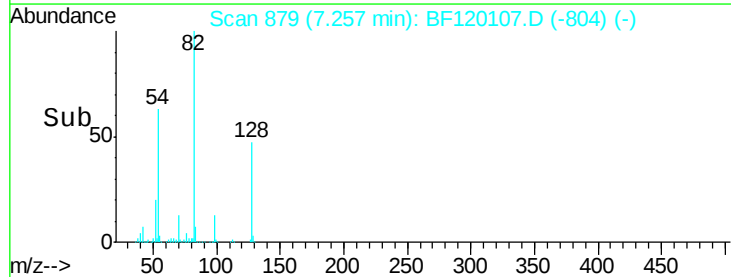
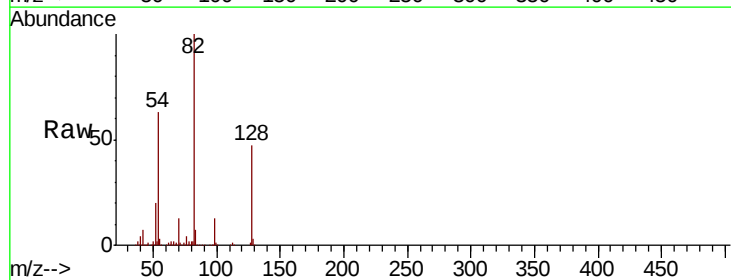
Ion Ratio Lower Upper

70 100

42 58.2 54.2 81.4

101 0.0 7.4 11.2#

130 2.3 17.8 26.6#

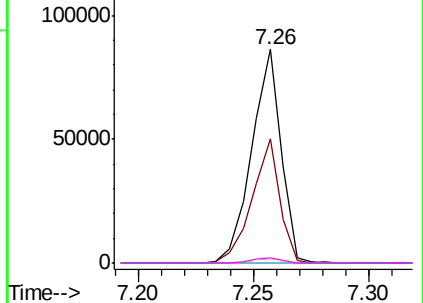


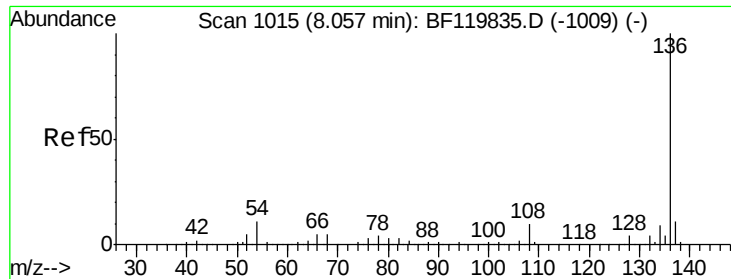
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

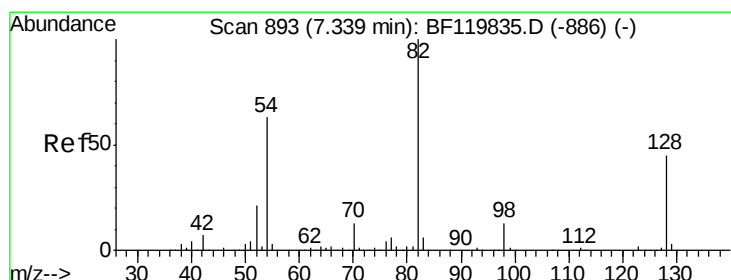
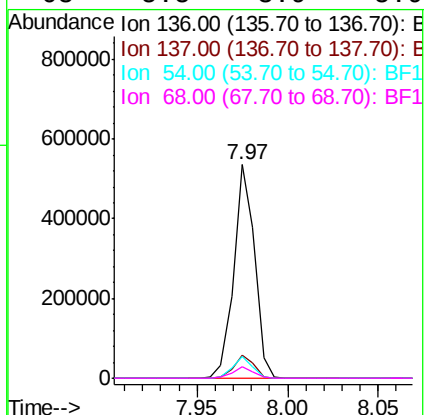
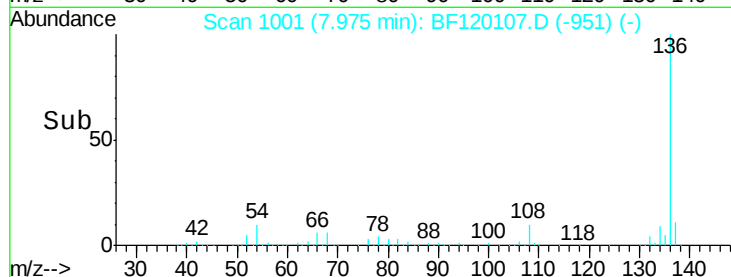
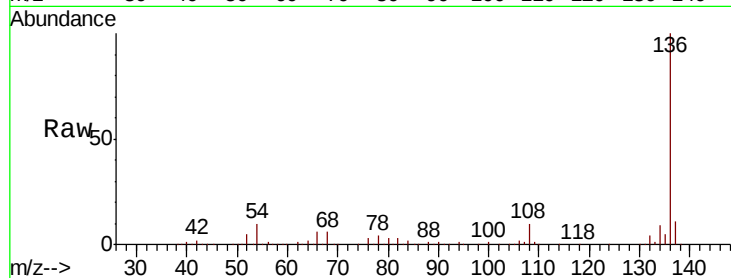




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

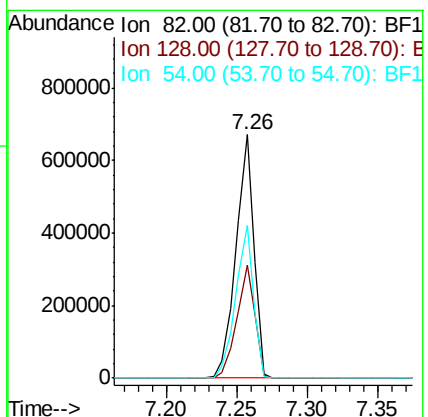
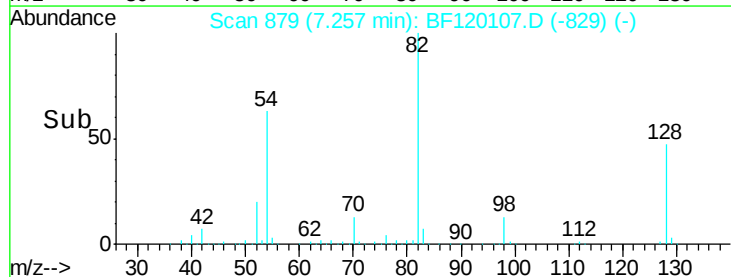
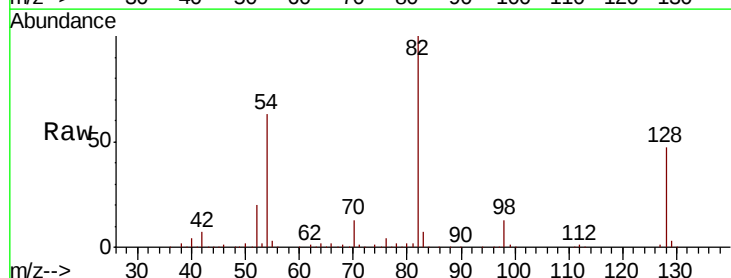
Instrument :
BNA_F
ClientSampleId :

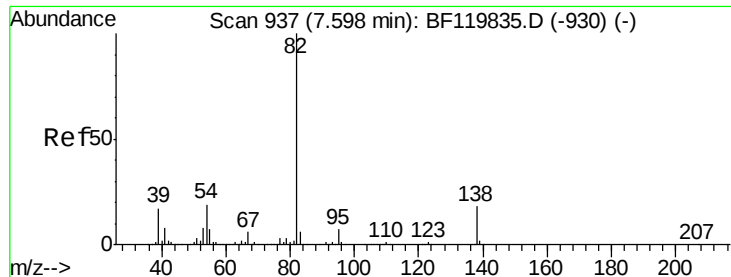
Tot Ion:136	Resp:	428201
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	10.2	8.5 12.7
68	5.5	3.9 5.9



#23
Nitrobenzene-d5
Concen: 72.125 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Tgt Ion: 82	Resp:	596981
Ion	Ratio	Lower Upper
82	100	
128	46.5	36.2 54.4
54	62.5	50.4 75.6





#25

Isophorone

Concen: 37.388 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

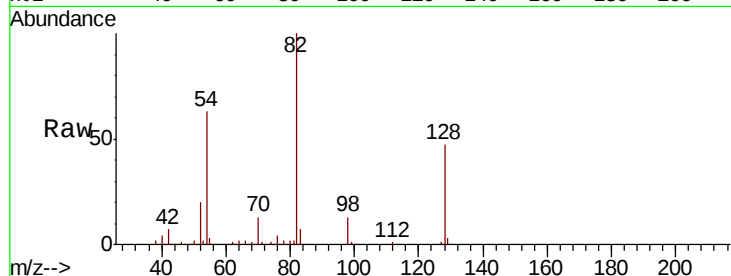
Tot Ion: 82 Resp: 596554

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

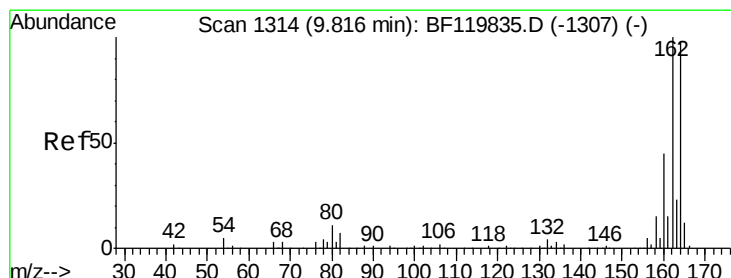
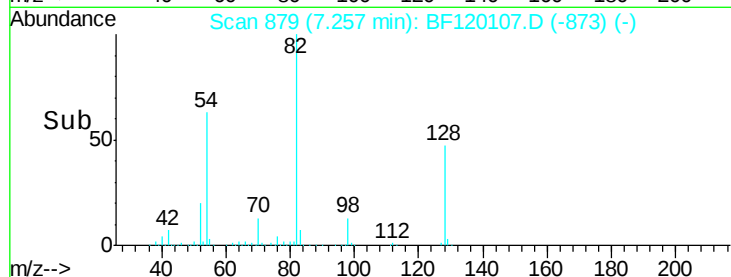
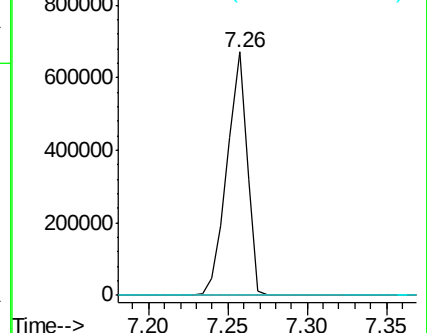
138 0.0 14.5 21.7#



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

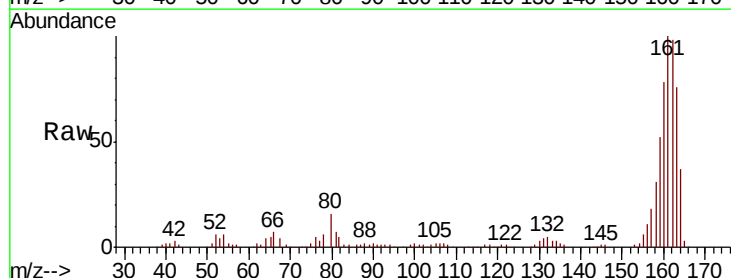
Tgt Ion:164 Resp: 33813

Ion Ratio Lower Upper

164 100

162 265.2 81.9 122.9#

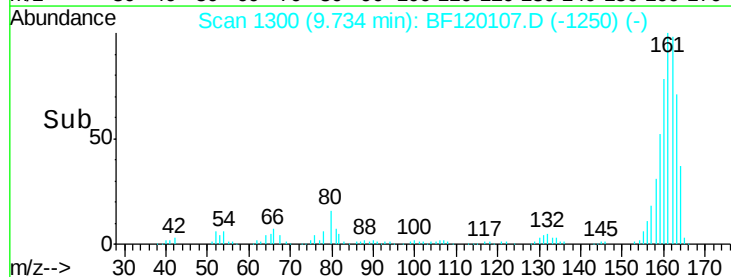
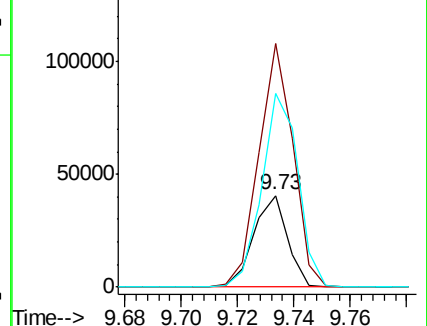
160 211.7 36.6 54.8#

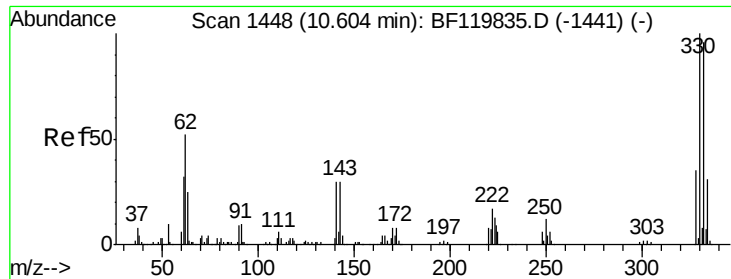


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

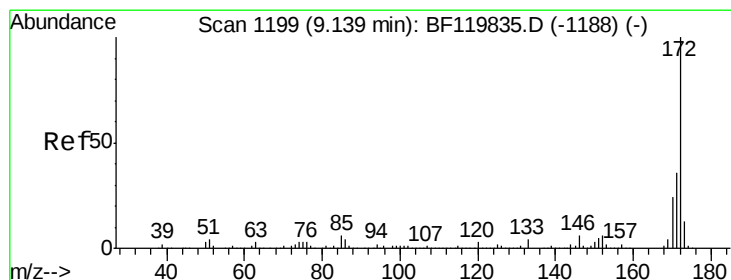
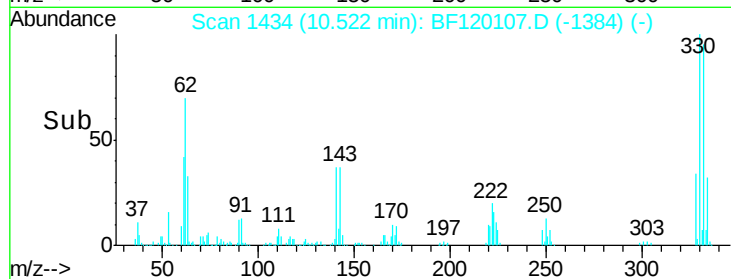
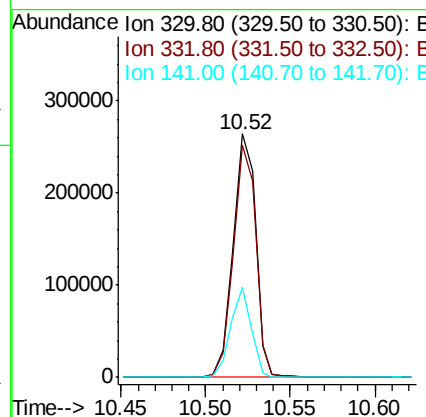
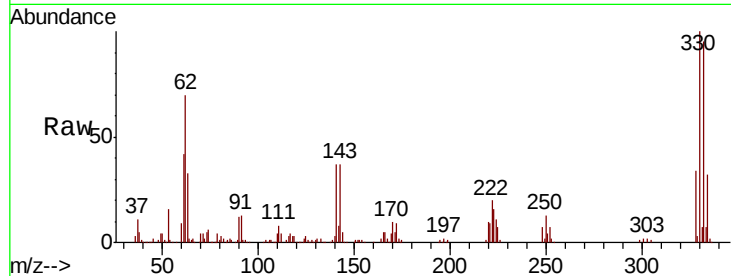




#42
 2,4,6-Tribromophenol
 Concen: 592.692 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

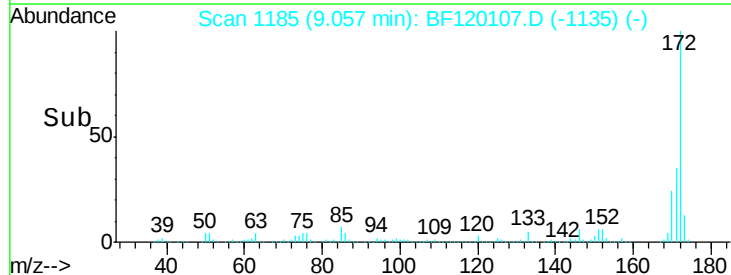
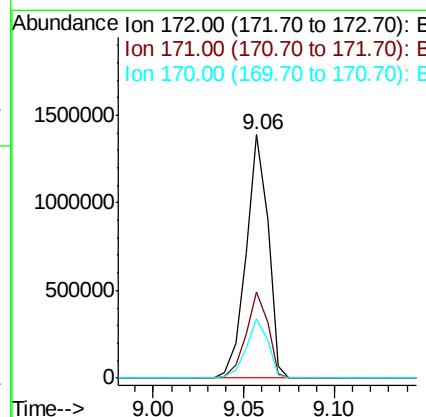
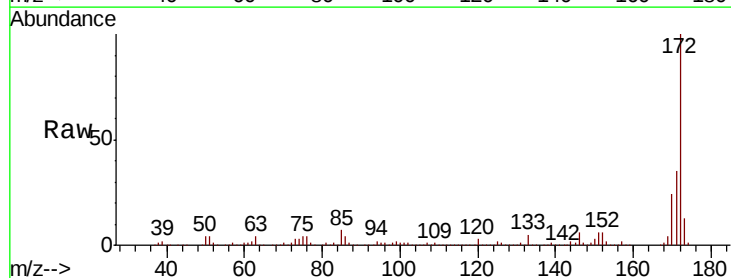
Instrument :
 BNA_F
 ClientSampleId :

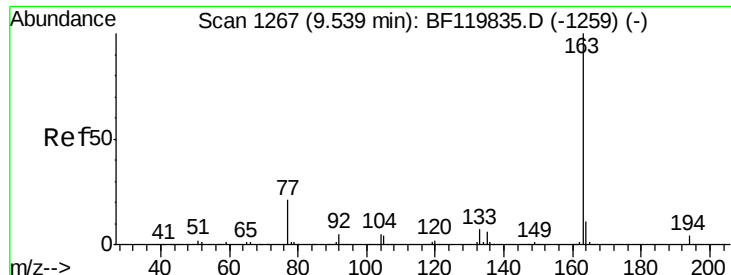
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.8	115.2
141	34.1	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 489.983 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.9	43.3
170	24.2	19.4	29.2

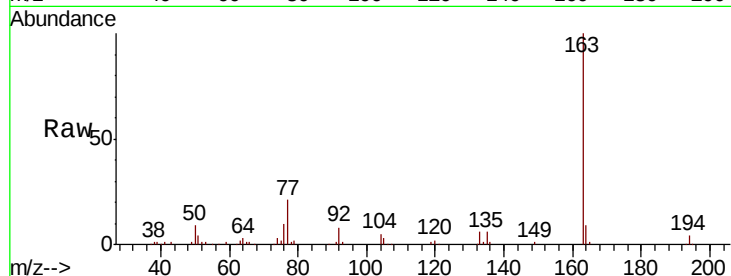




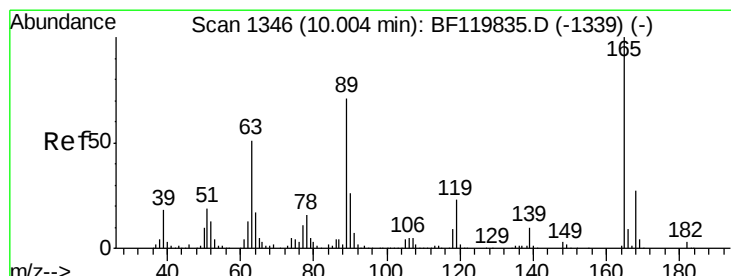
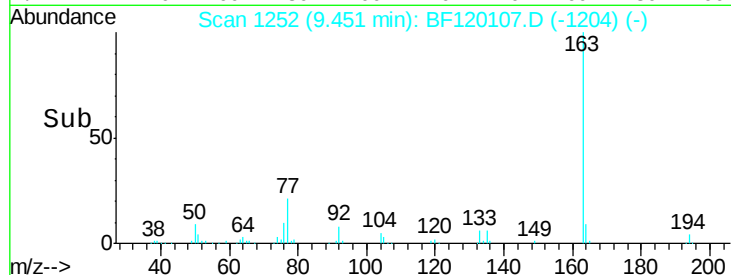
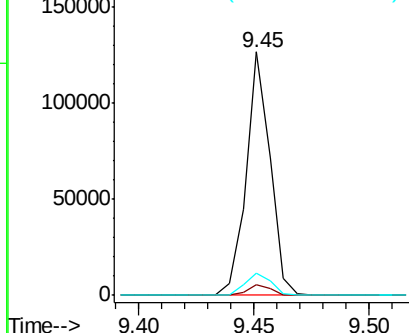
#50
Dimethylphthalate
Concen: 35.156 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 91946
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 9.0 8.4 12.6

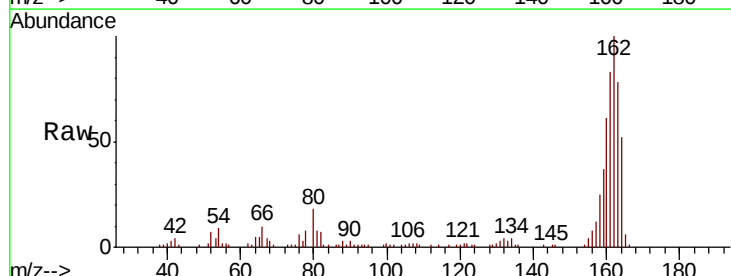


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

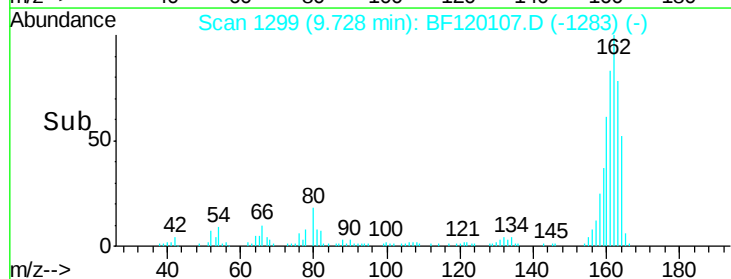
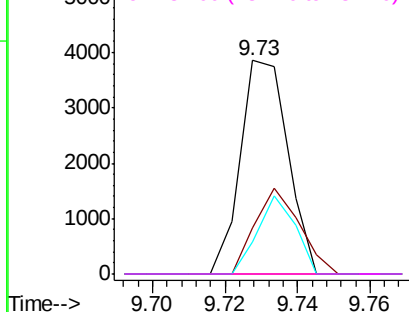


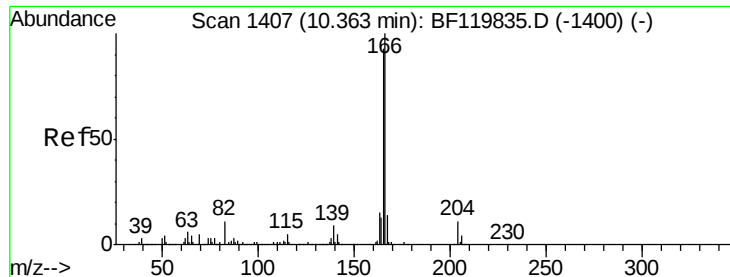
#57
2,4-Dinitrotoluene
Concen: 4.644 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF120107.D
Acq: 21 Apr 2020 17:30

Tgt Ion:165 Resp: 3504
Ion Ratio Lower Upper
165 100
63 21.3 40.8 61.2#
89 15.1 56.9 85.3#
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





#58

Fluorene

Concen: 4.719 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.24 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Instrument :

BNA_F

ClientSampleId :

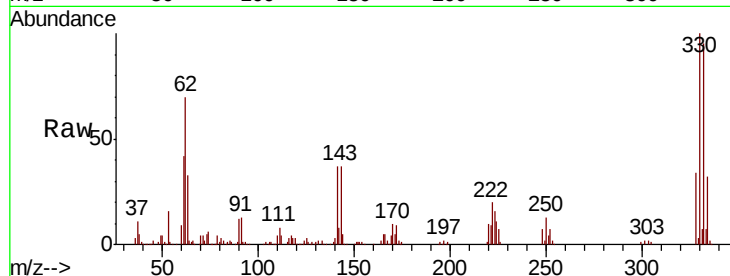
Tot Ion:166 Resp: 11551

Ion Ratio Lower Upper

166 100

165 104.1 74.2 111.2

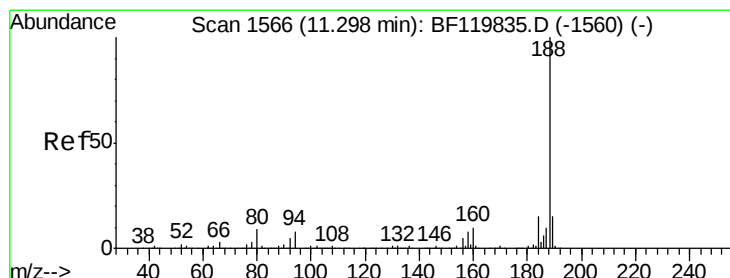
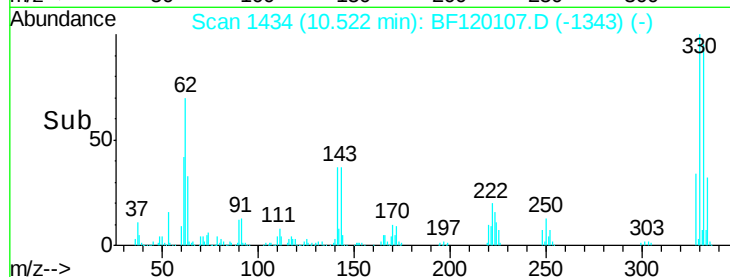
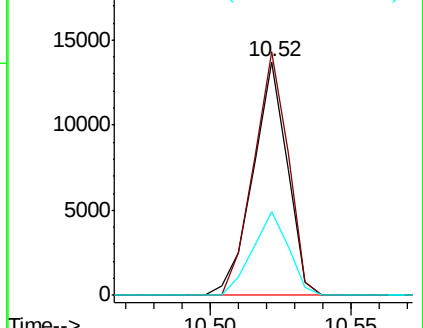
167 40.0 10.8 16.2#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

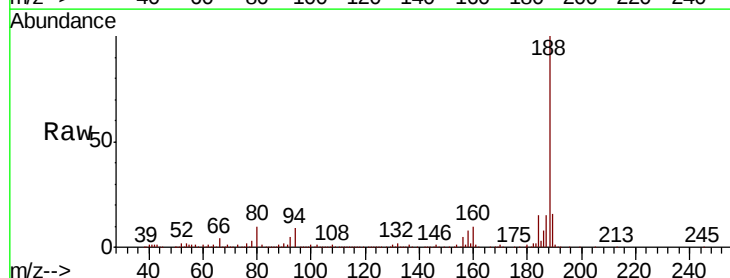
Tgt Ion:188 Resp: 374125

Ion Ratio Lower Upper

188 100

94 9.3 6.7 10.1

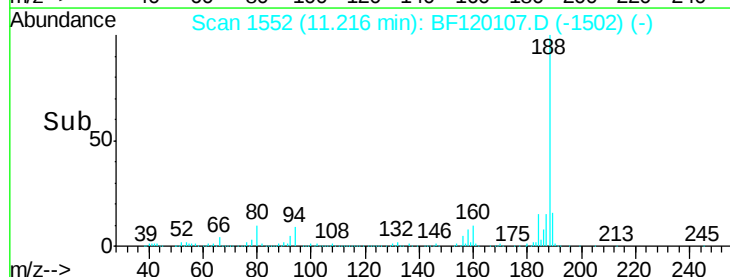
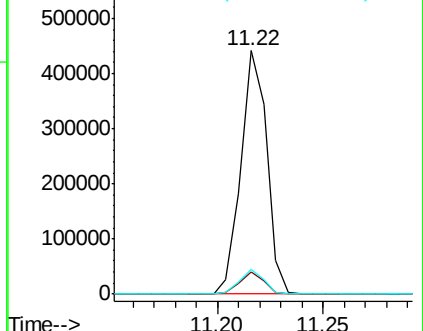
80 10.1 7.4 11.2

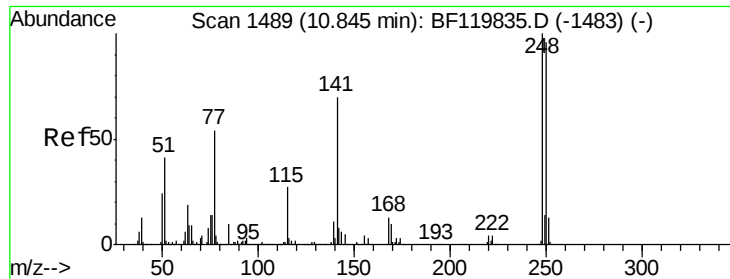


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

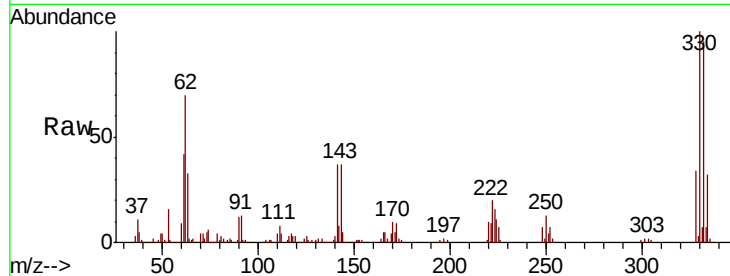




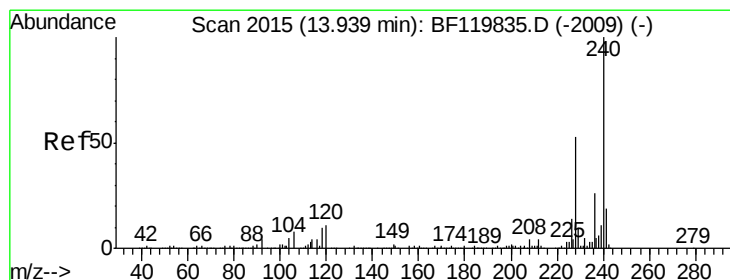
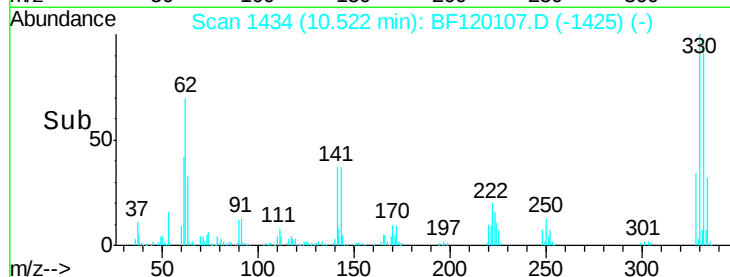
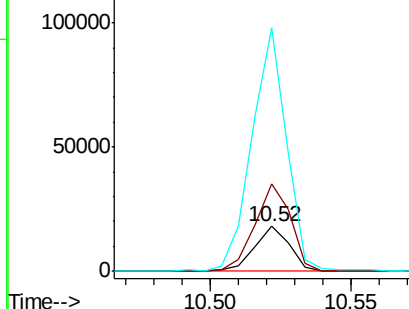
#67
 4-Bromophenyl-phenylether
 Concen: 3.354 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15605
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.6 114.8#
 141 542.7 55.9 83.9#

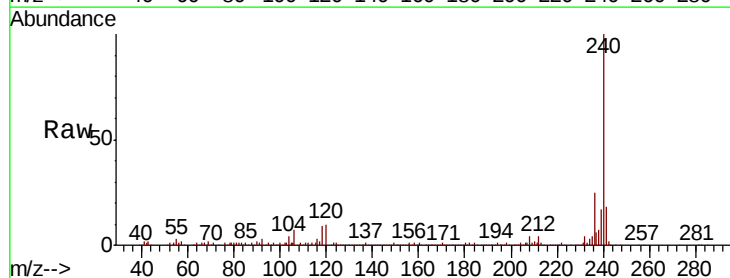


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

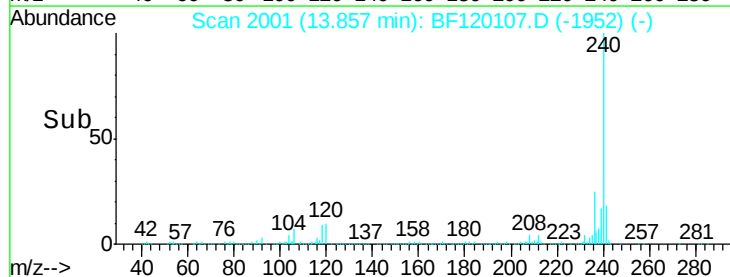
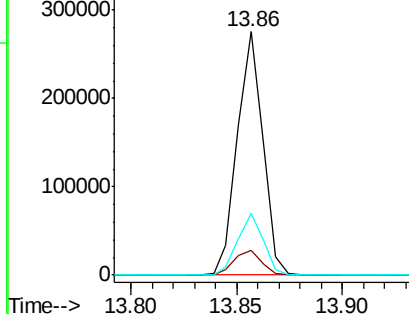


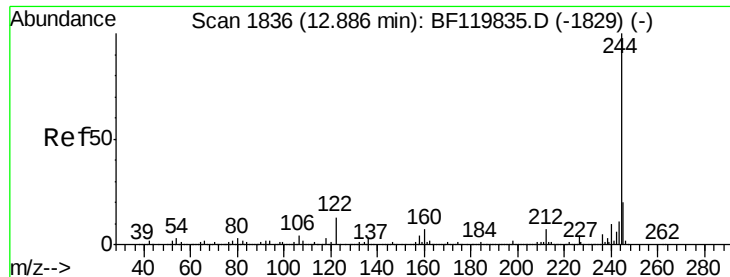
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF120107.D
 Acq: 21 Apr 2020 17:30

Tgt Ion:240 Resp: 228841
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.0 13.6
 236 25.4 20.7 31.1



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: 78.648 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

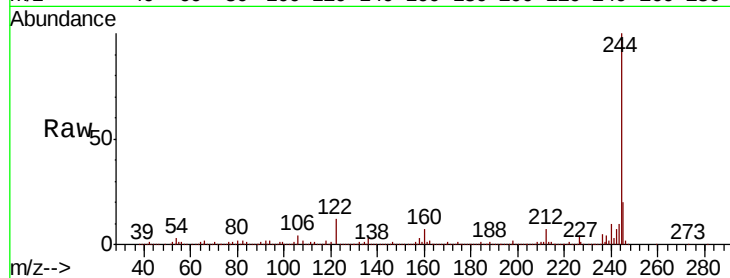
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1069619

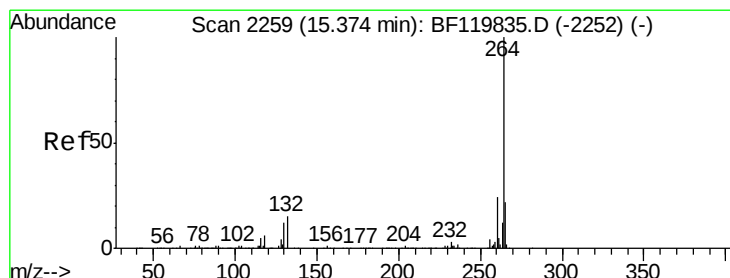
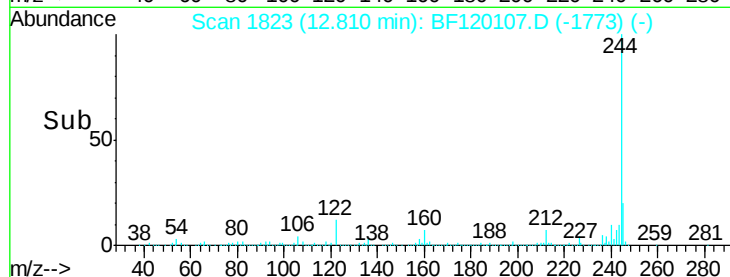
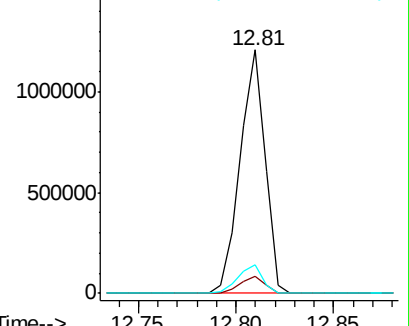
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.7	10.3	15.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2242

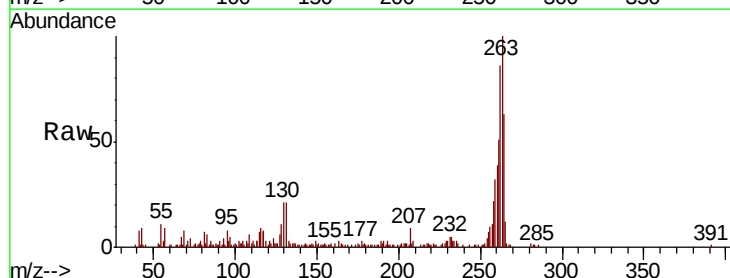
Delta R.T. -0.01 min

Lab File: BF120107.D

Acq: 21 Apr 2020 17:30

Tgt Ion:264 Resp: 39301

Ion	Ratio	Lower	Upper
264	100		
260	61.1	19.3	28.9#
265	18.9	17.6	26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

