

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120890.D
 Acq On : 16 Jul 2020 17:27
 Operator : JU/CG
 Sample : L3183-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

Quant Time: Jul 16 18:55:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	155150	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	589161	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	311354	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	617565	20.00	ng	0.00
76) Chrysene-d12	13.97	240	555002	20.00	ng	0.00
86) Perylene-d12	15.42	264	512299	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	939169	99.24	ng	0.01
7) Phenol-d6	6.44	99	1004614	82.18	ng	0.00
23) Nitrobenzene-d5	7.37	82	803916	78.95	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	394695	115.81	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1435912	68.86	ng	0.00
79) Terphenyl-d14	12.92	244	1631252	63.89	ng	0.00

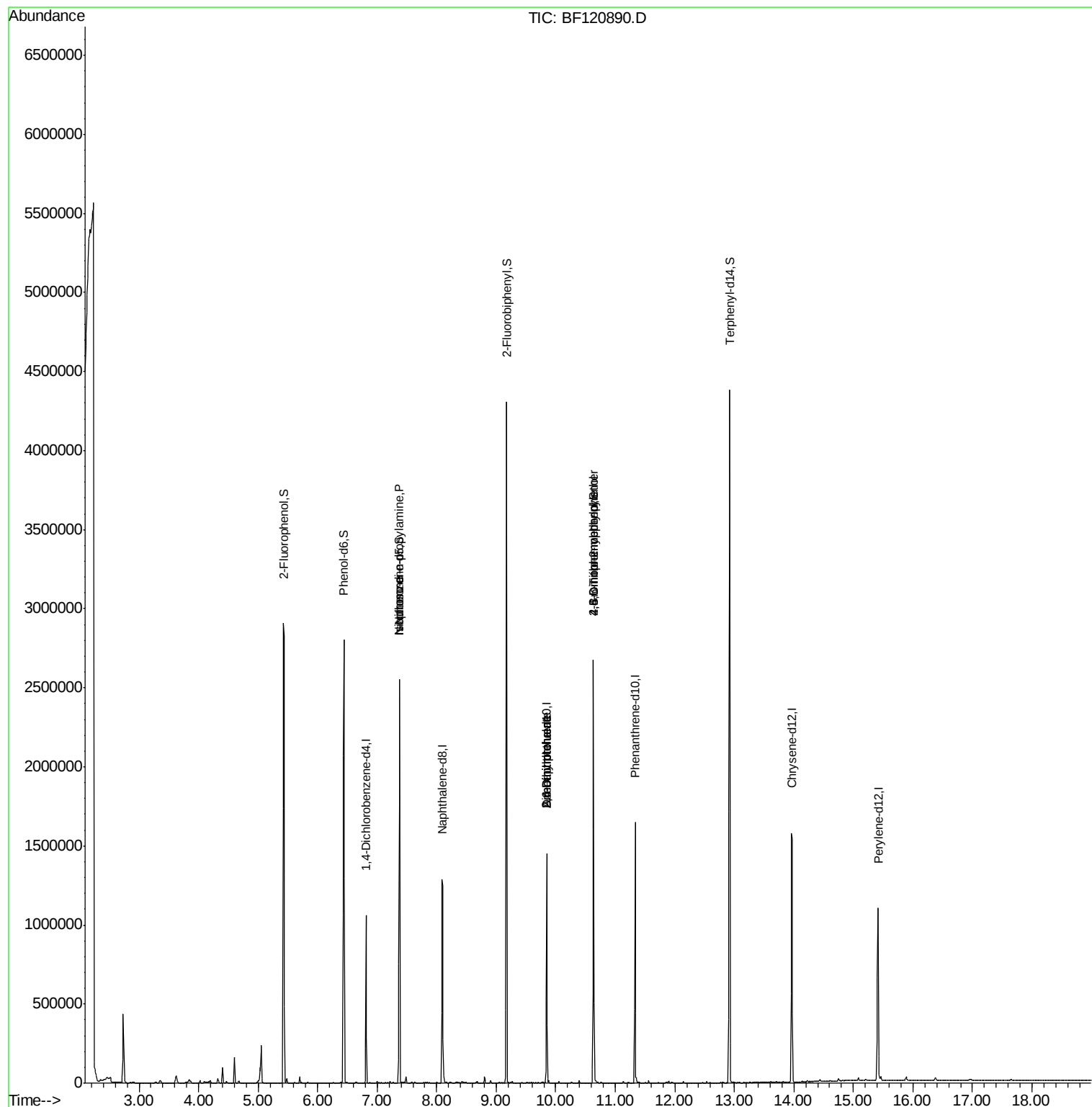
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	118	Below Cal		# 36
19) n-Nitroso-di-n-propylamine	7.37	70	106121	15.266	ng	# 78
25) Isophorone	7.37	82	803014	39.517	ng	# 63
50) Dimethylphthalate	9.85	163	68958	3.070	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	39328	8.150	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	39328	6.206	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	784	4.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	22793	3.310	ng	# 1

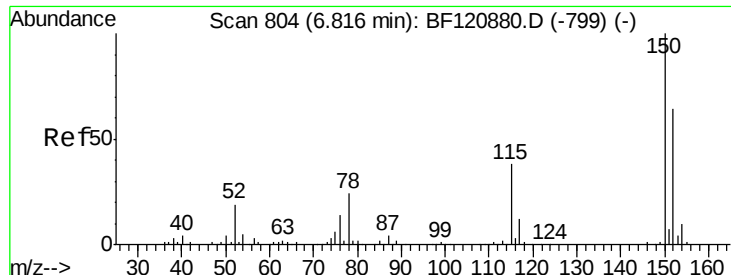
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
Data File : BF120890.D
Acq On : 16 Jul 2020 17:27
Operator : JU/CG
Sample : L3183-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-071520

Quant Time: Jul 16 18:55:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration



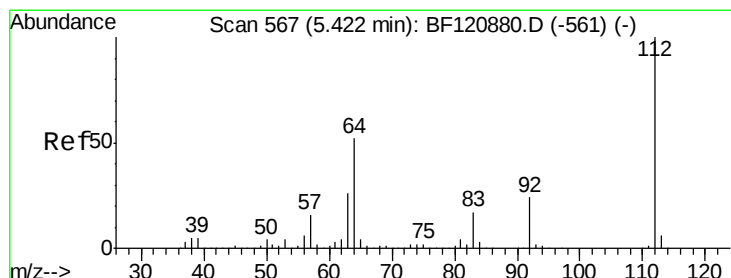
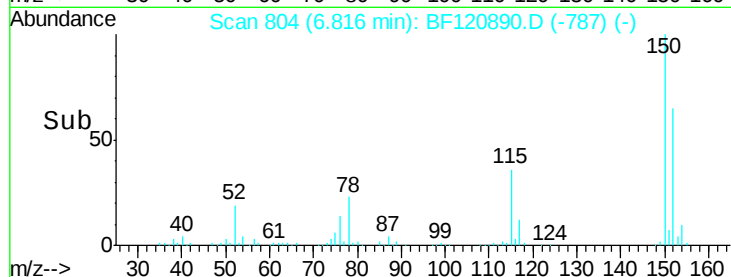
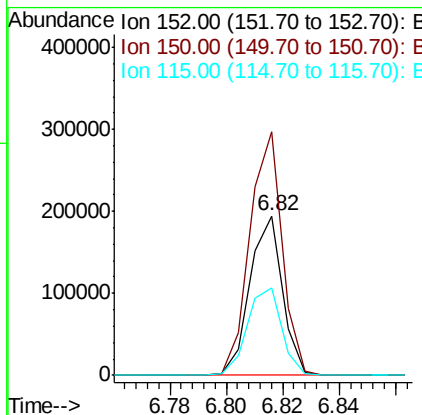
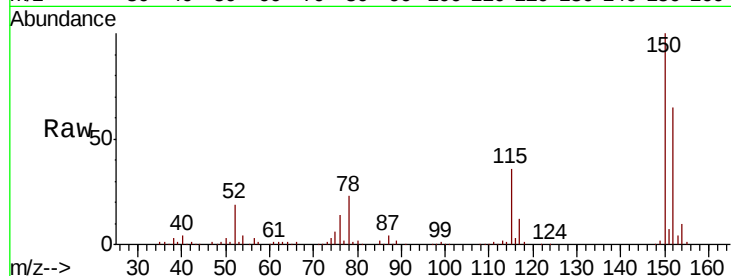


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120890.D
Acq: 16 Jul 2020 17:27

Instrument :
BNA_F
ClientSampleId :
OK-03-071520

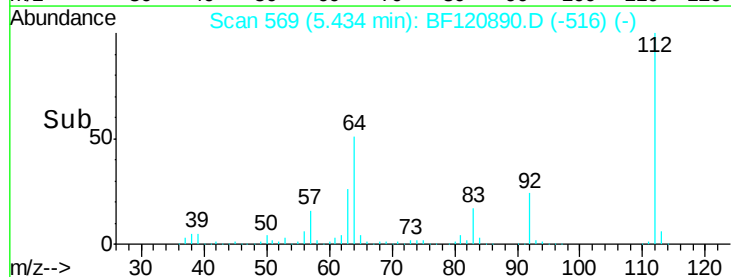
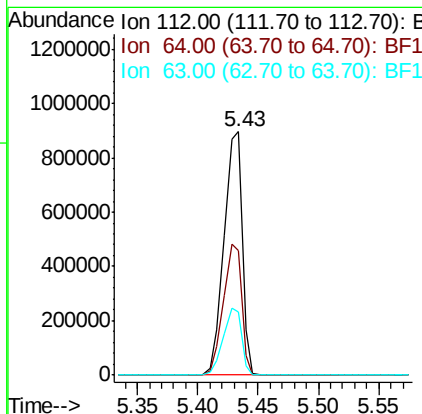
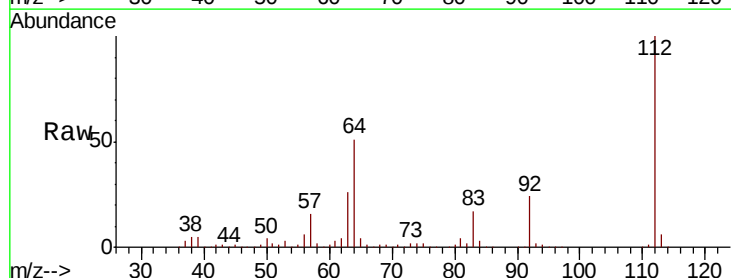
Tot Ion:152 Resp: 155150
Ion Ratio Lower Upper
152 100
150 152.9 125.0 187.6
115 54.6 47.0 70.4

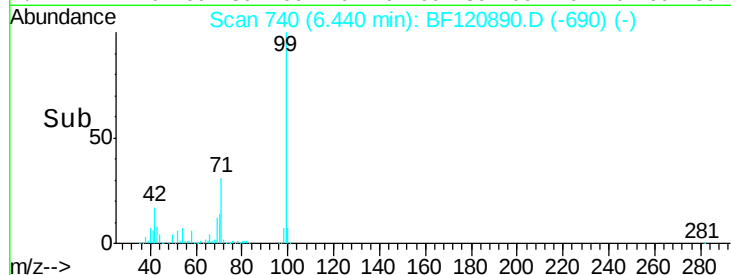
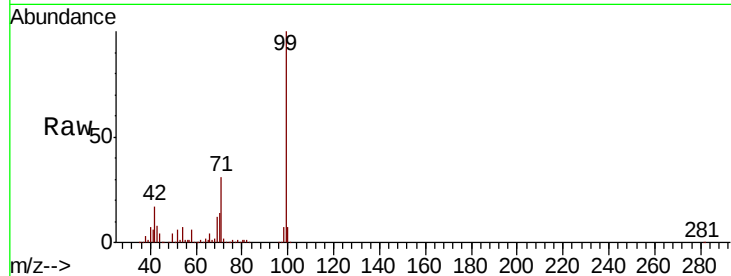
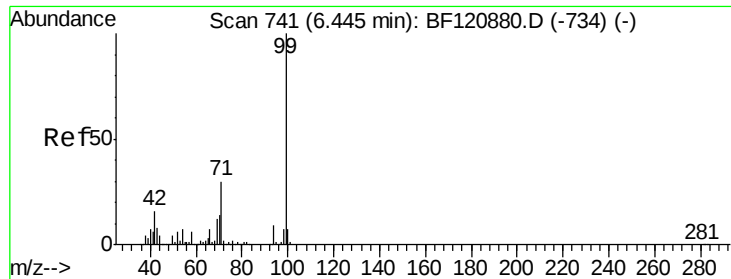


#5

2-Fluorophenol
Concen: 99.235 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF120890.D
Acq: 16 Jul 2020 17:27

Tgt Ion:112 Resp: 939169
Ion Ratio Lower Upper
112 100
64 51.1 41.3 61.9
63 26.0 21.1 31.7





#7

Phenol-d6

Concen: 82.176 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

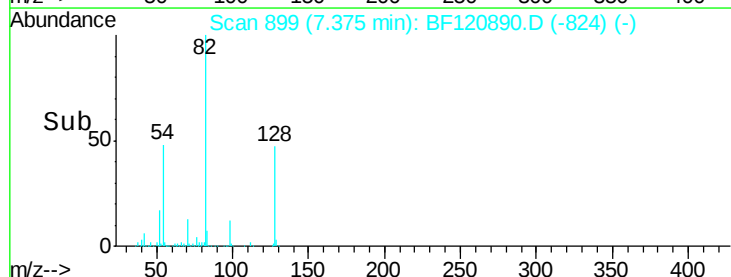
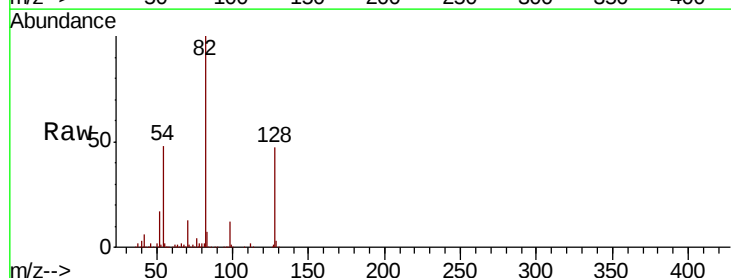
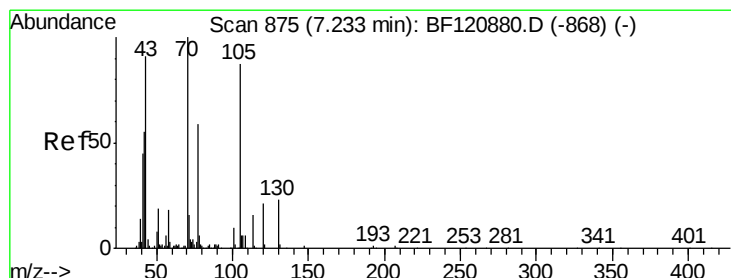
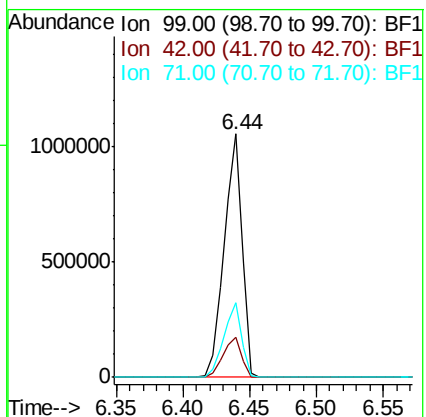
Tot Ion: 99 Resp: 1004614

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

71 30.8 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.266 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Tgt Ion: 70 Resp: 106121

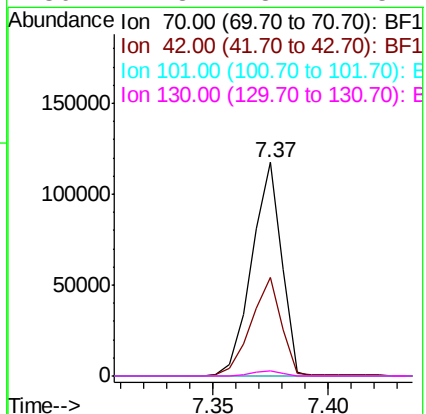
Ion Ratio Lower Upper

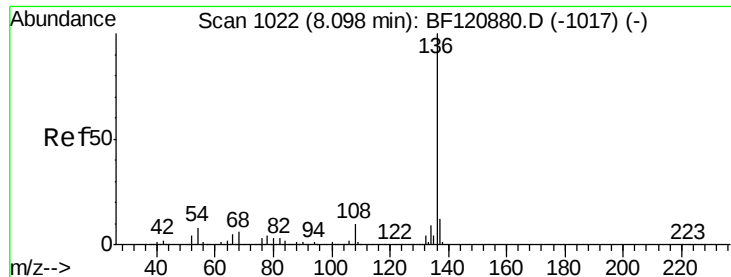
70 100

42 46.0 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

Tot Ion:136 Resp: 589161

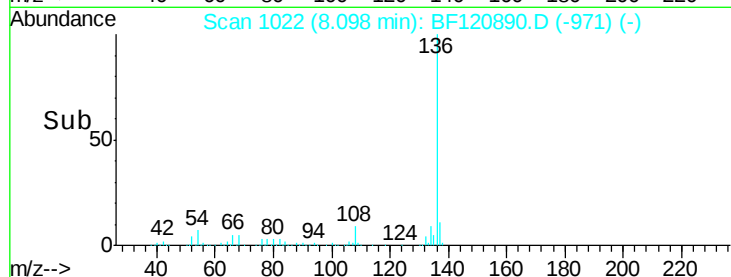
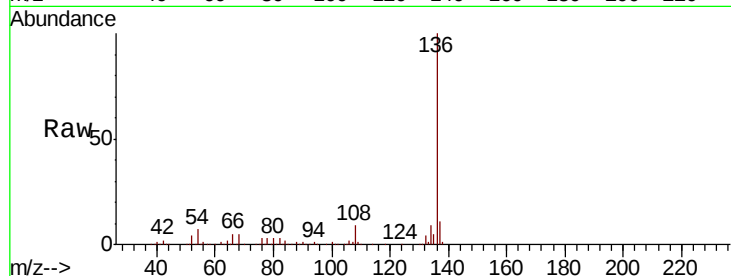
Ion Ratio Lower Upper

136 100

137 11.0 9.3 13.9

54 6.6 6.3 9.5

68 5.3 5.0 7.4

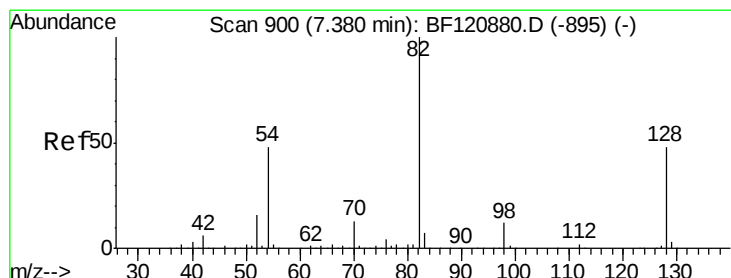
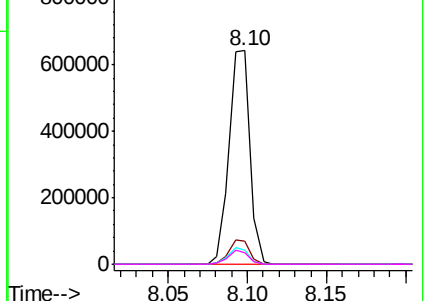


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.955 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

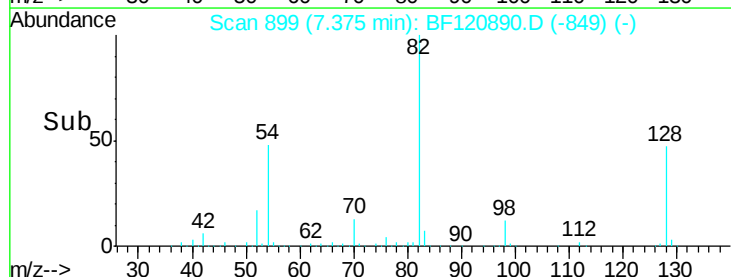
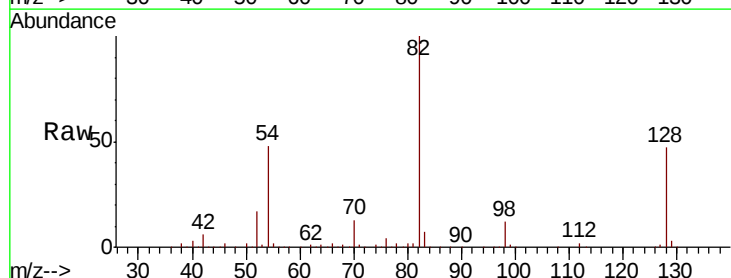
Tgt Ion: 82 Resp: 803916

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.4

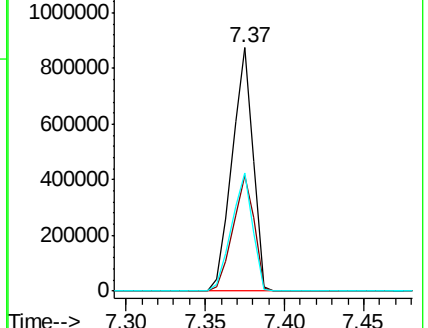
54 48.4 38.7 58.1

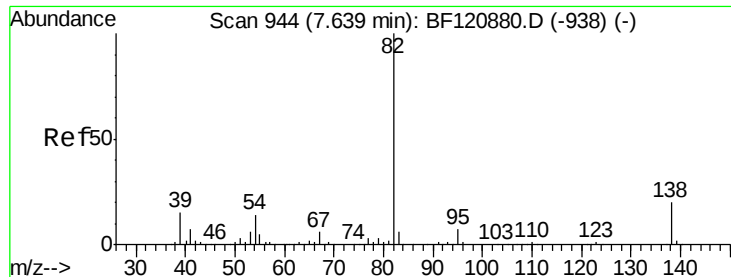


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.517 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

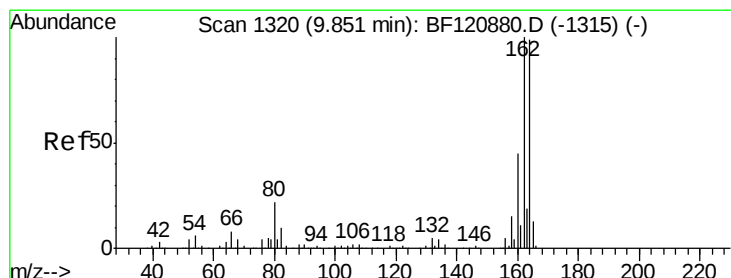
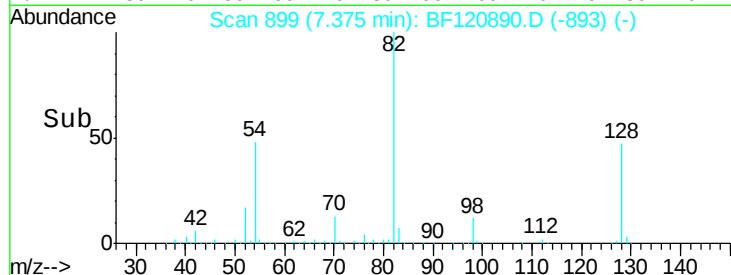
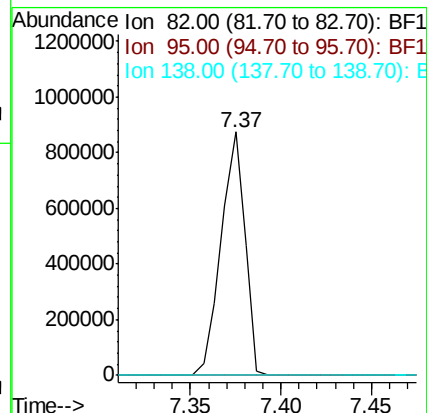
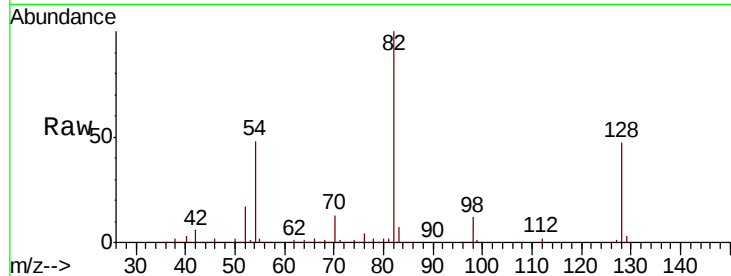
Tot Ion: 82 Resp: 803014

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

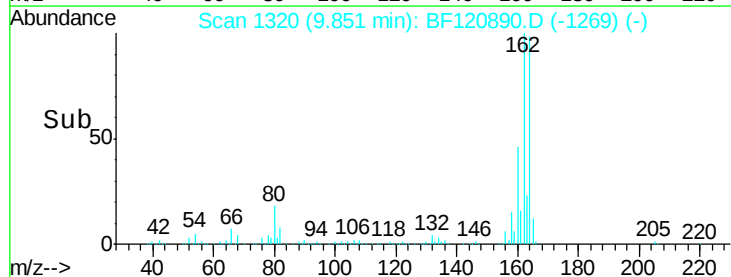
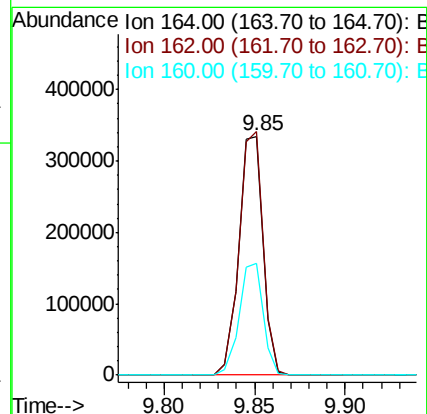
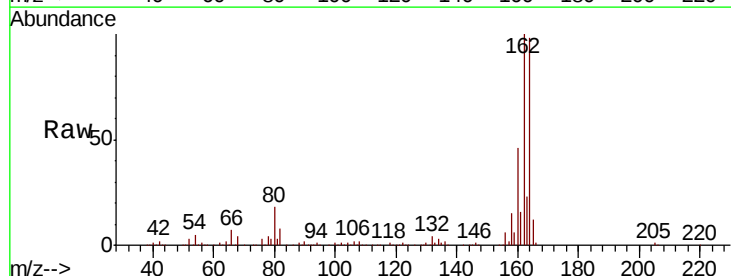
Tgt Ion:164 Resp: 311354

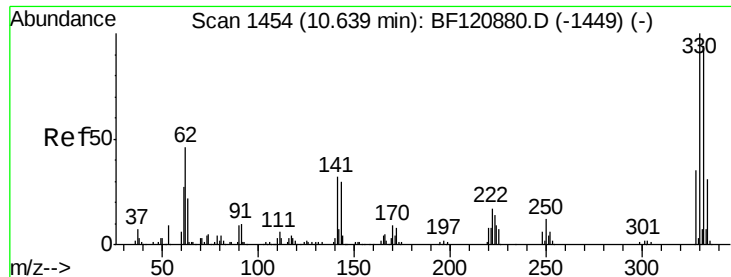
Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 46.7 36.9 55.3

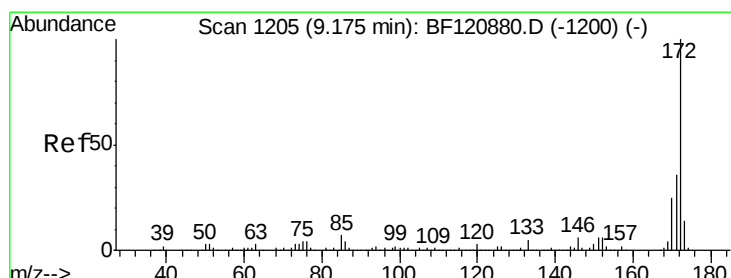
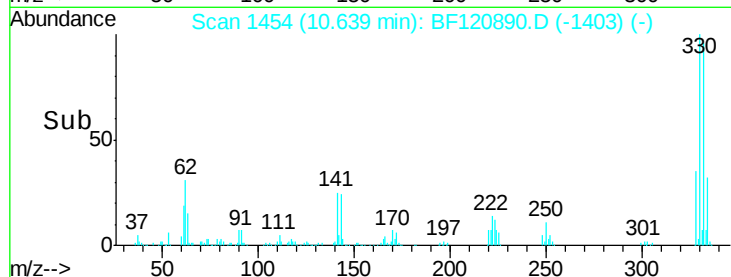
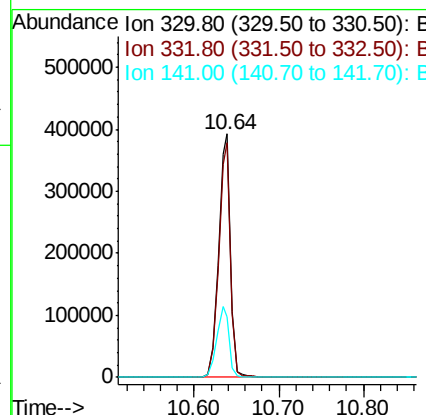
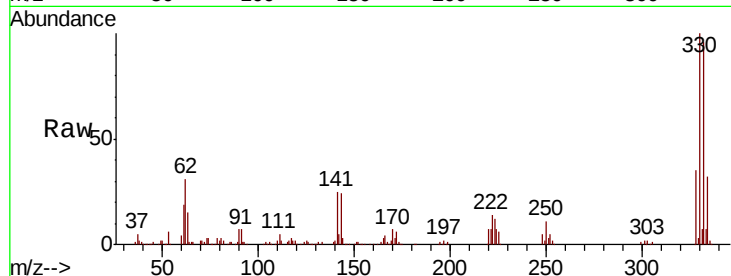




#42
 2,4,6-Tribromophenol
 Concen: 115.812 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

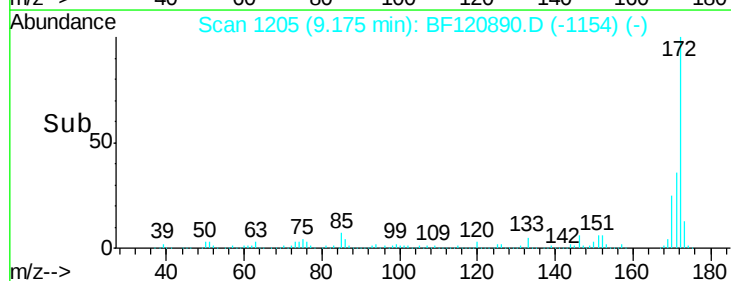
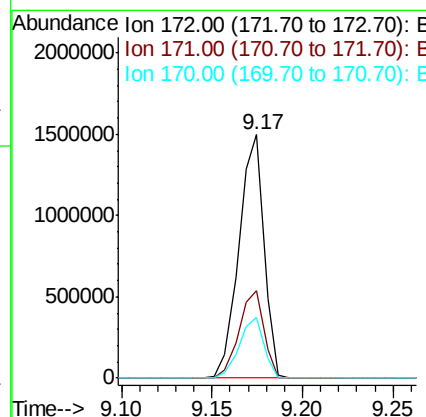
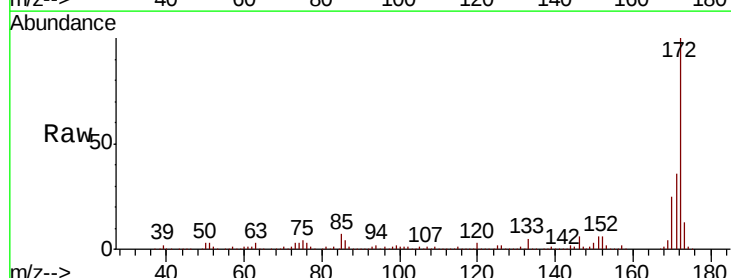
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

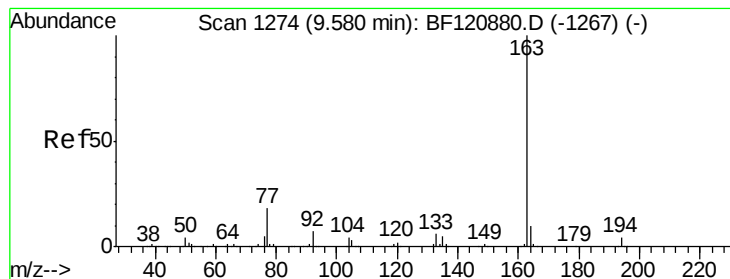
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.5	113.3
141	30.4	25.7	38.5



#45
 2-Fluorobiphenyl
 Concen: 68.857 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.4
170	24.7	19.6	29.4





#50

Dimethylphthalate

Concen: 3.070 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.27 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

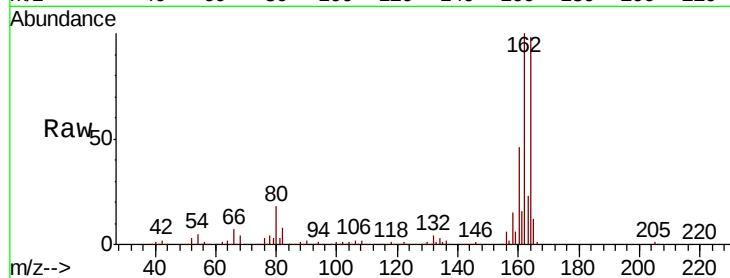
Tot Ion:163 Resp: 68958

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

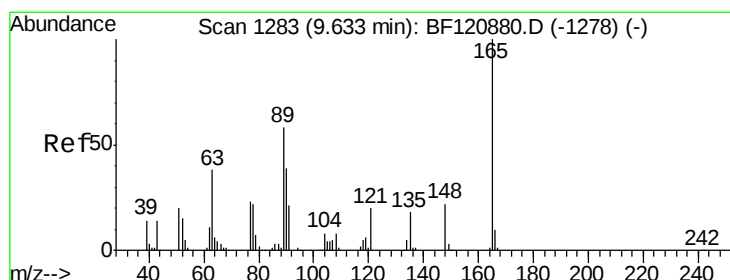
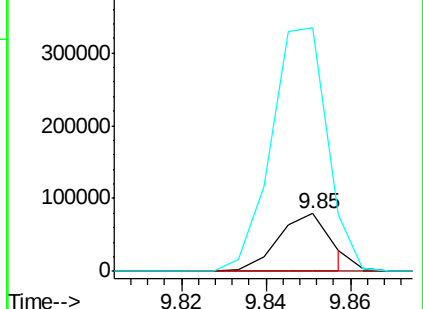
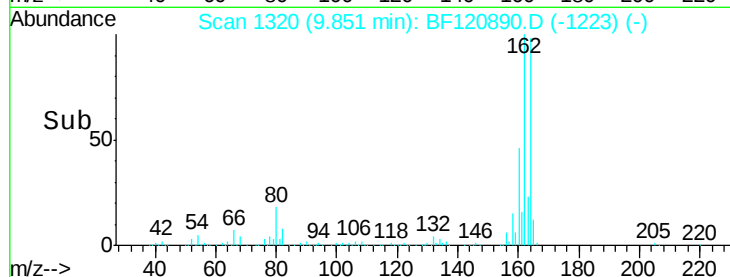
164 420.6 7.9 11.9#



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: 8.150 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.21 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

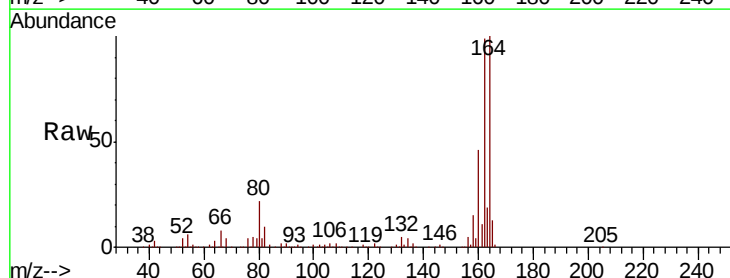
Tgt Ion:165 Resp: 39328

Ion Ratio Lower Upper

165 100

63 1.0 45.4 68.2#

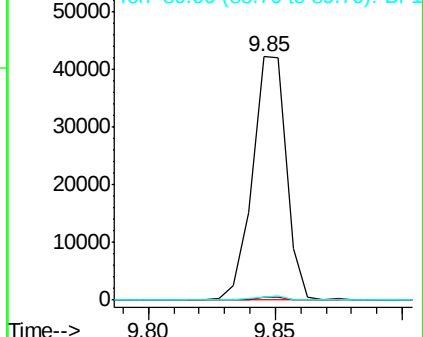
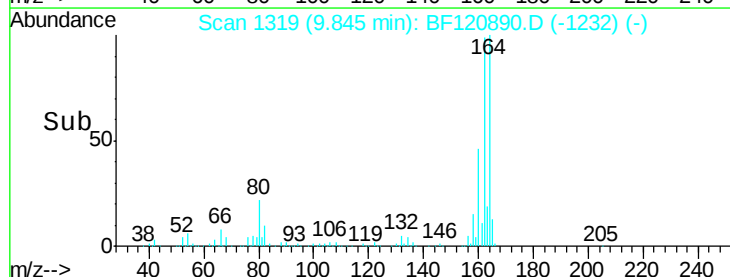
89 1.0 47.0 70.4#

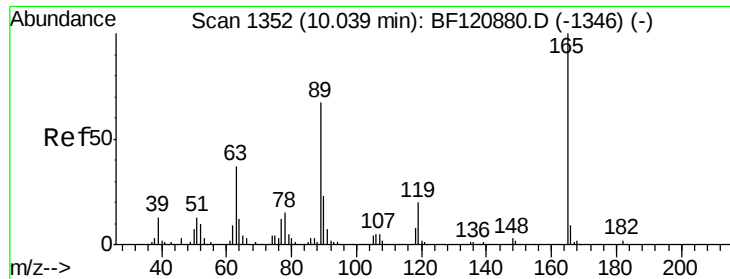


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

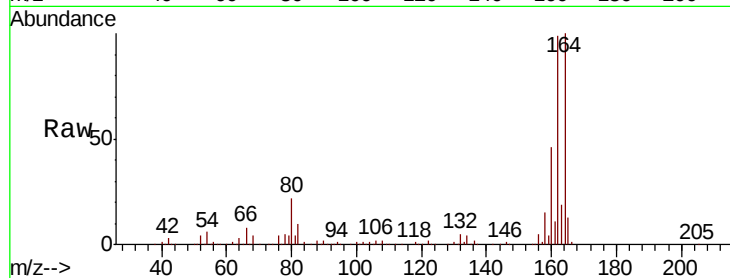




#57
 2,4-Dinitrotoluene
 Concen: 6.206 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.4	44.2#
89	1.0	53.4	80.0#
182	0.0	1.8	2.6#

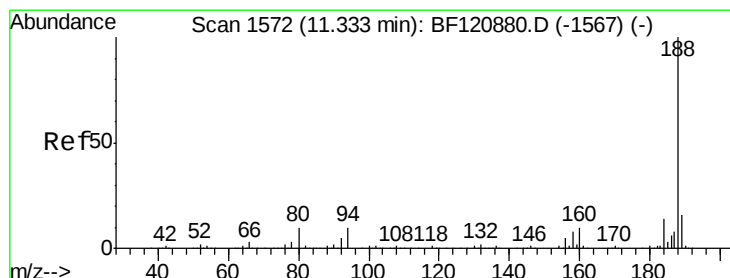
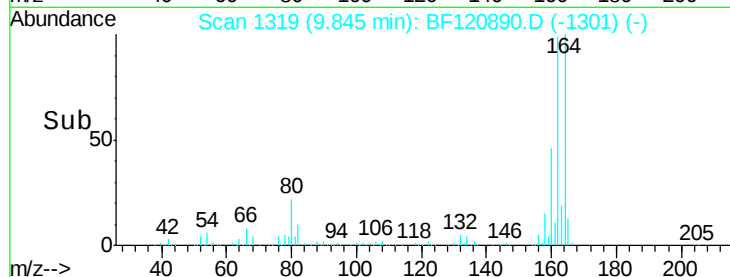
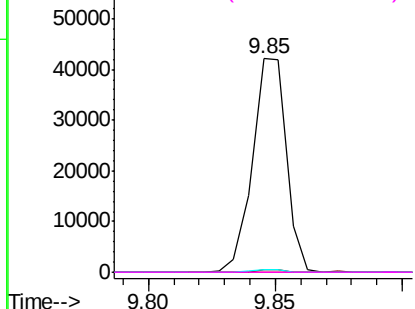


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

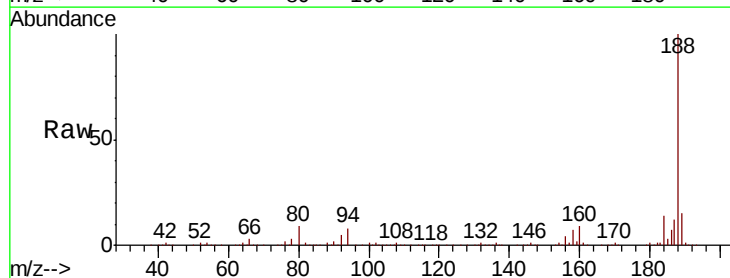
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

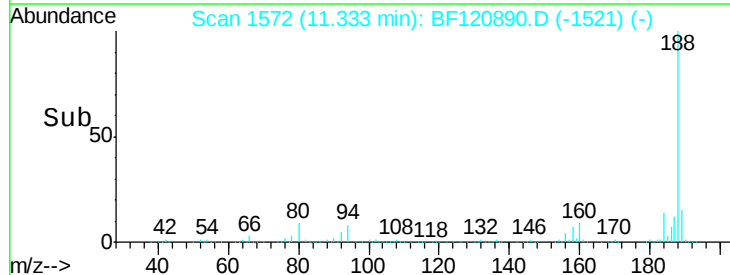
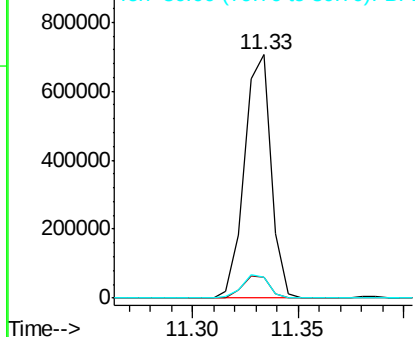
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	8.0	12.0
80	8.6	8.3	12.5

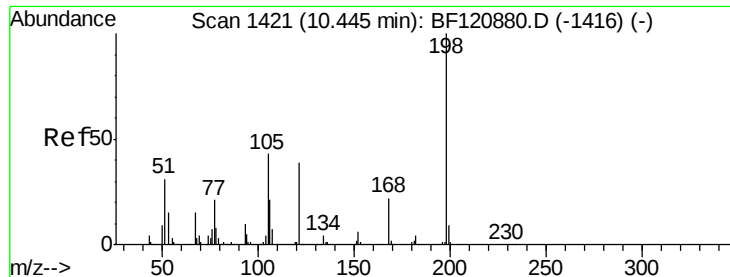


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

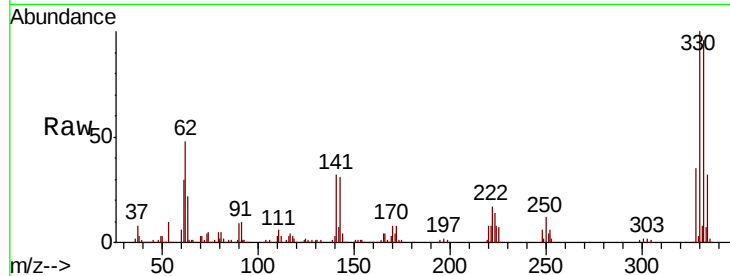




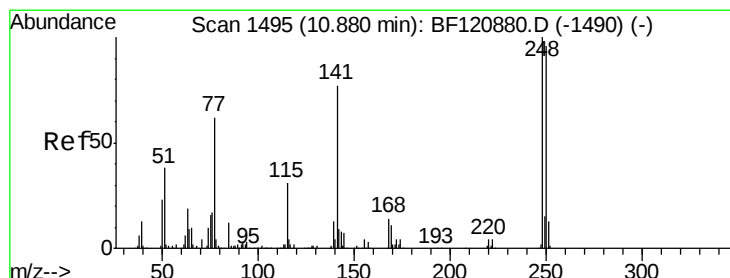
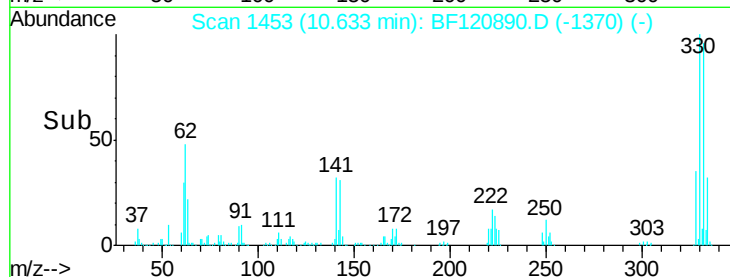
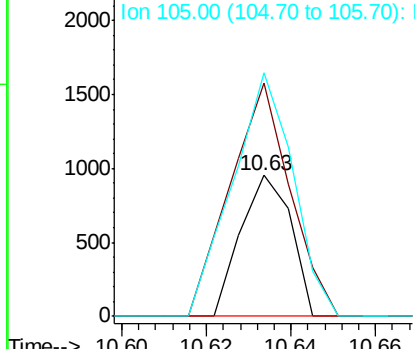
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.044 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

Tot Ion:198 Resp: 784
 Ion Ratio Lower Upper
 198 100
 51 165.7 19.5 59.5#
 105 173.1 24.4 64.4#

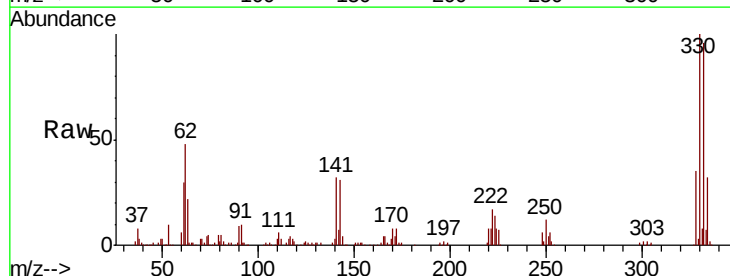


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

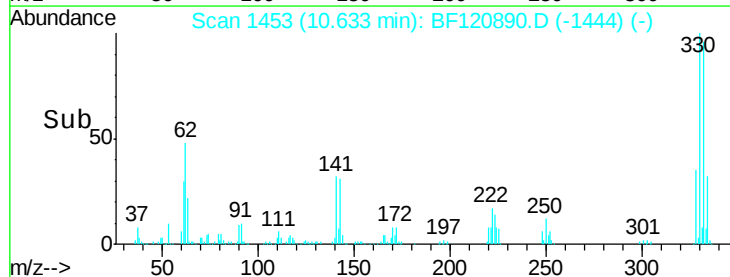
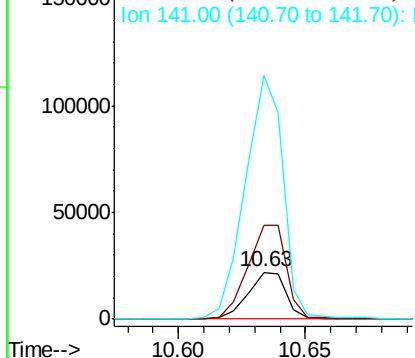


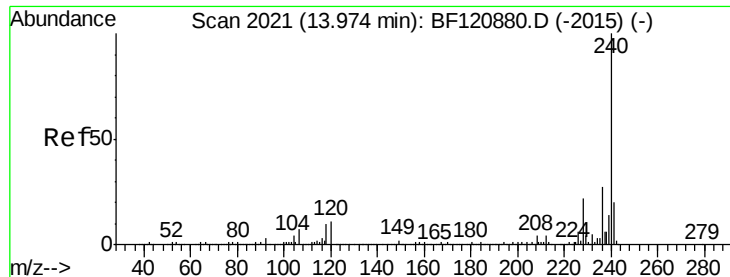
#67
 4-Bromophenyl-phenylether
 Concen: 3.310 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Tgt Ion:248 Resp: 22793
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.1 115.7#
 141 518.2 61.2 91.8#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

Instrument :

BNA_F

ClientSampleId :

OK-03-071520

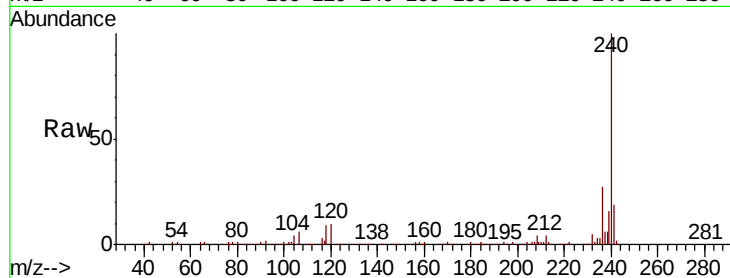
Tot Ion:240 Resp: 555002

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

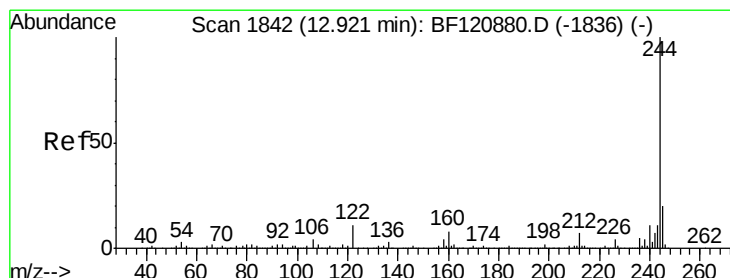
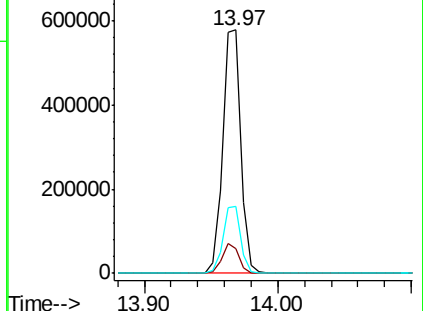
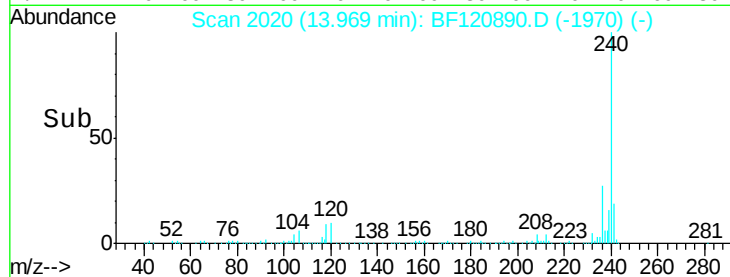
236 27.3 21.7 32.5



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: 63.891 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120890.D

Acq: 16 Jul 2020 17:27

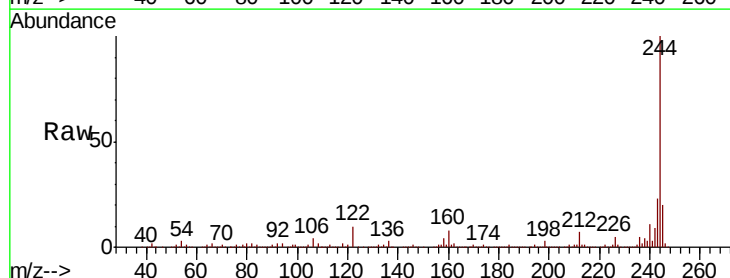
Tgt Ion:244 Resp: 1631252

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

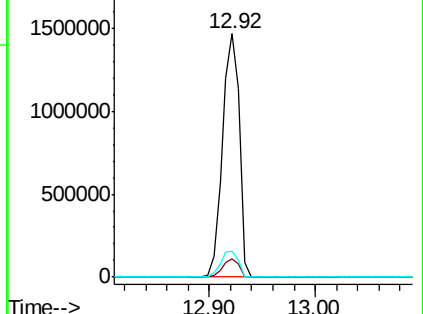
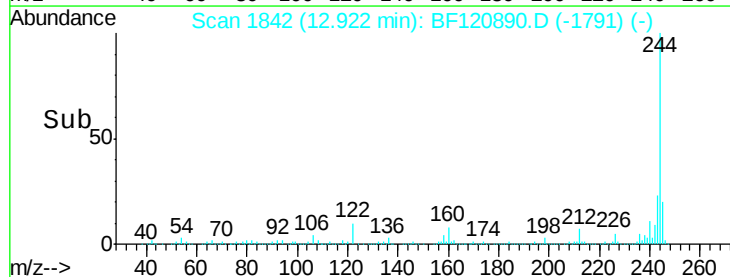
122 10.5 8.9 13.3

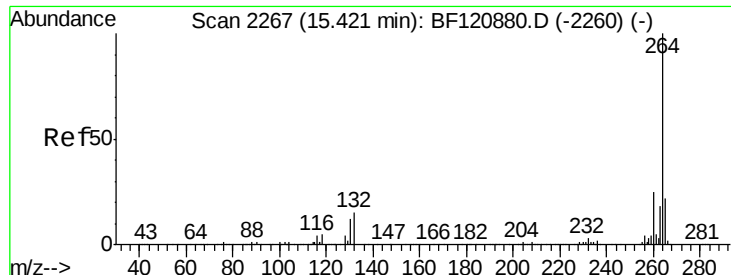


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

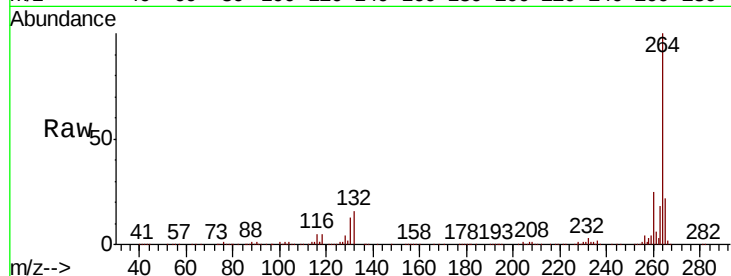




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120890.D
 Acq: 16 Jul 2020 17:27

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-071520

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.5	17.4	26.2



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

