

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080320\
 Data File : BF121176.D
 Acq On : 3 Aug 2020 14:52
 Operator : JU/CG
 Sample : L3535-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Aug 03 15:43:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

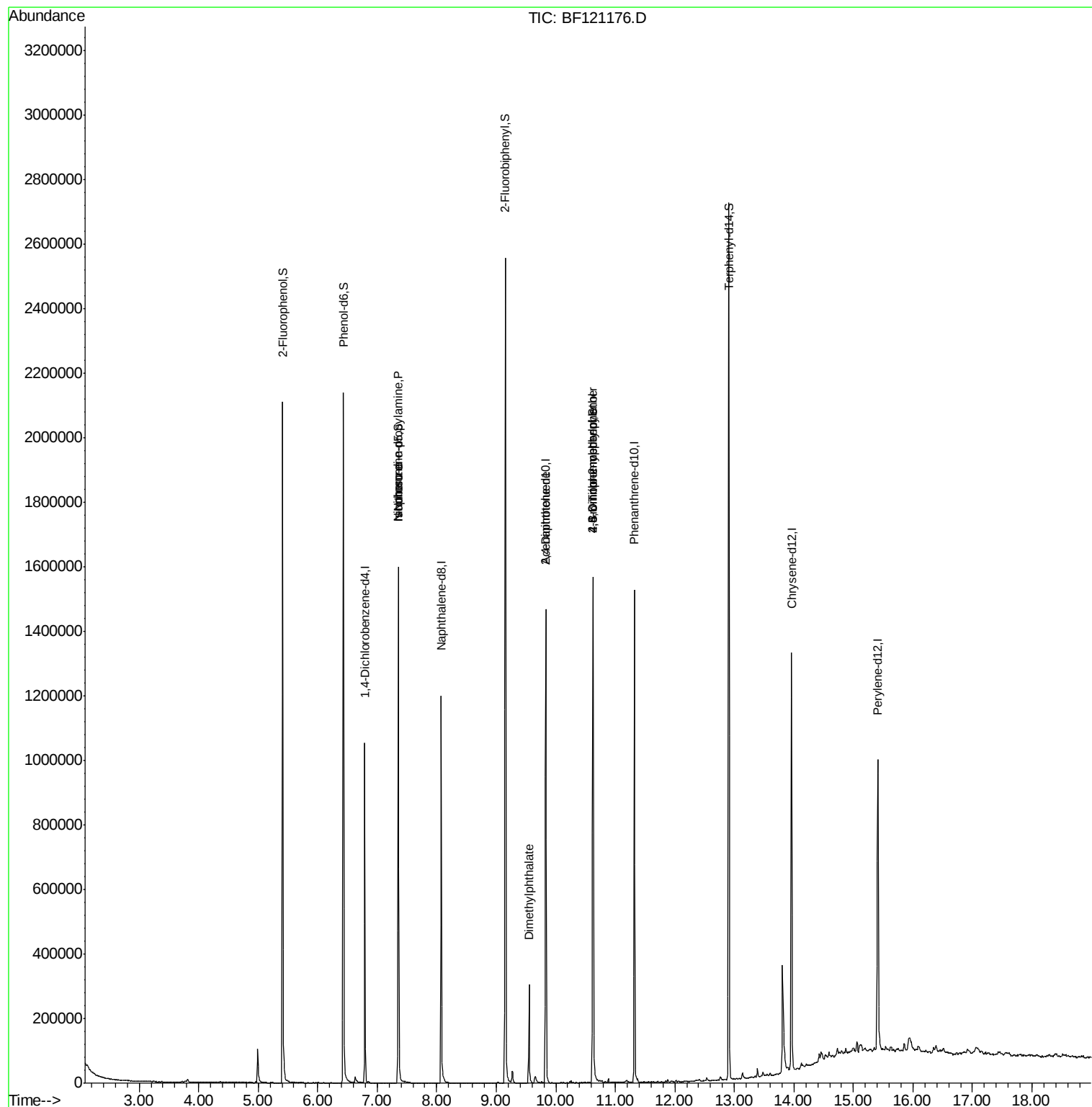
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	147374	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	574831	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	299943	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	578982	20.00	ng	0.00
76) Chrysene-d12	13.96	240	471850	20.00	ng	0.00
86) Perylene-d12	15.41	264	432219	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	661247	73.56	ng	0.00
7) Phenol-d6	6.43	99	798511	68.76	ng	-0.01
23) Nitrobenzene-d5	7.36	82	523376	52.68	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	245377	74.74	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	911823	45.39	ng	-0.01
79) Terphenyl-d14	12.91	244	966887	44.54	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1021	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	67743	10.259	ng	# 77
25) Isophorone	7.36	82	514356	25.943	ng	# 62
50) Dimethylphthalate	9.55	163	144480	6.677	ng	# 99
57) 2,4-Dinitrotoluene	9.83	165	38909	6.373	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	408	3.955	ng	# 1
67) 4-Bromophenyl-phenylether	10.62	248	14020	2.172	ng	# 1

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

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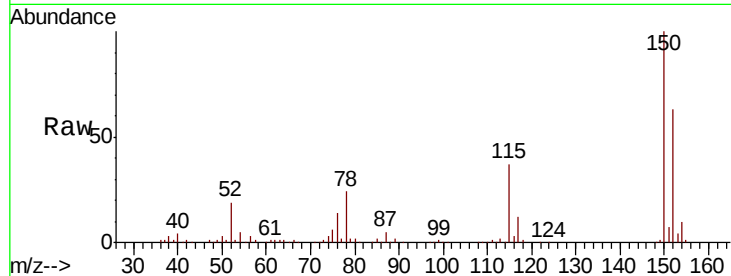


#1

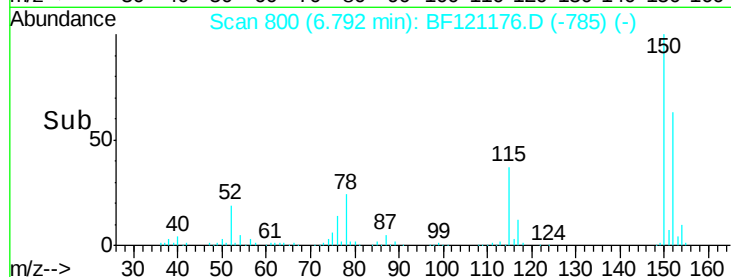
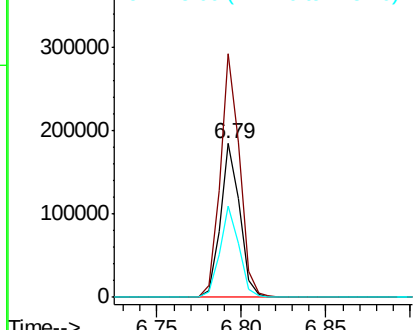
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 14:52

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:152 Resp: 147374
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.6 188.4
 115 59.2 46.2 69.2



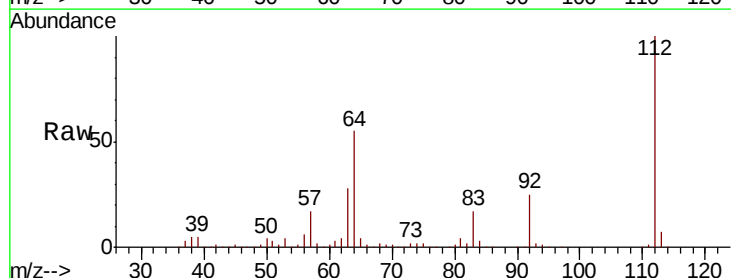
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



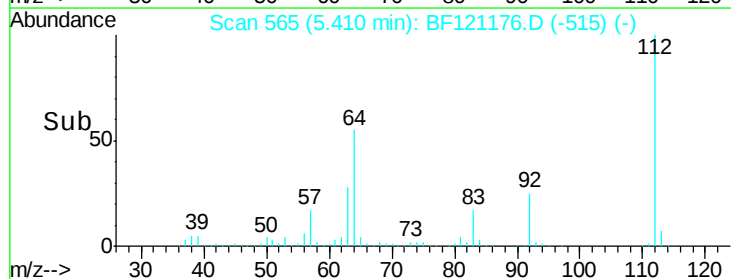
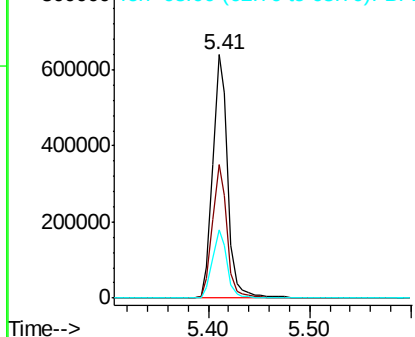
#5

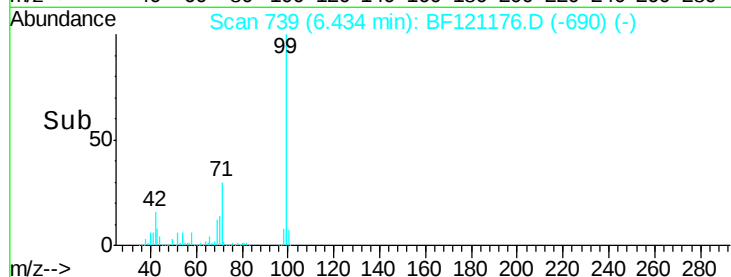
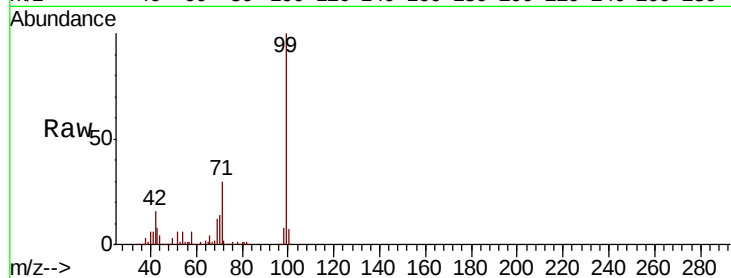
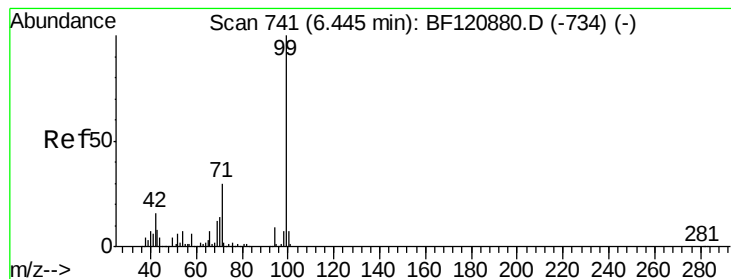
2-Fluorophenol
 Concen: 73.556 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 14:52

Tgt Ion:112 Resp: 661247
 Ion Ratio Lower Upper
 112 100
 64 55.1 43.9 65.9
 63 27.8 22.7 34.1



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





#7

Phenol-d6

Concen: 68.763 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

FB

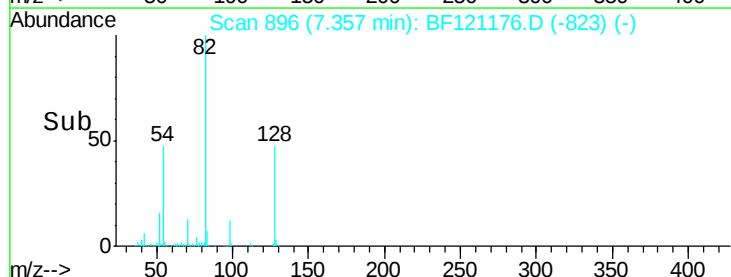
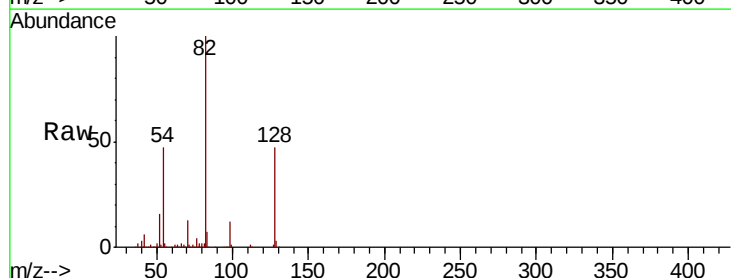
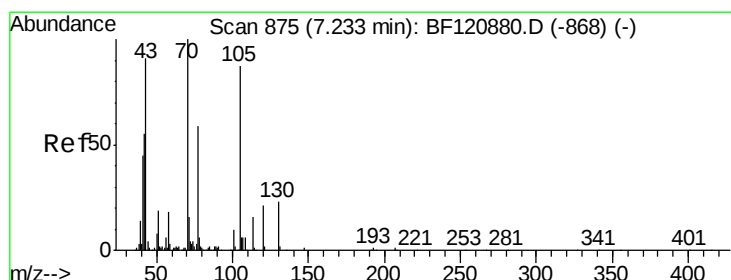
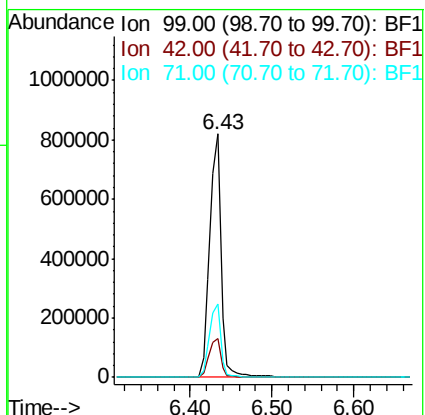
Tot Ion: 99 Resp: 798511

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 29.9 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.259 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

Tgt Ion: 70 Resp: 67743

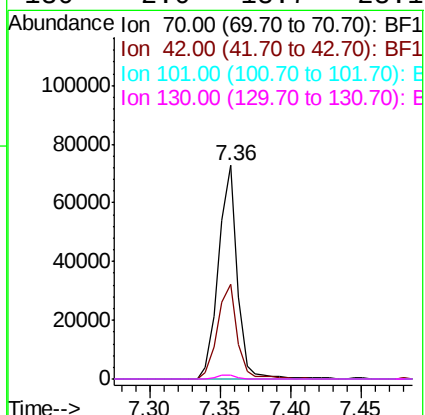
Ion Ratio Lower Upper

70 100

42 44.5 43.3 64.9

101 0.0 8.4 12.6#

130 2.0 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

FB

Tot Ion:136 Resp: 574831

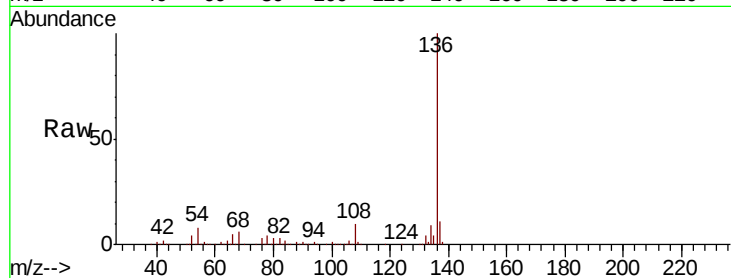
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.6 6.1 9.1

68 6.2 5.0 7.6

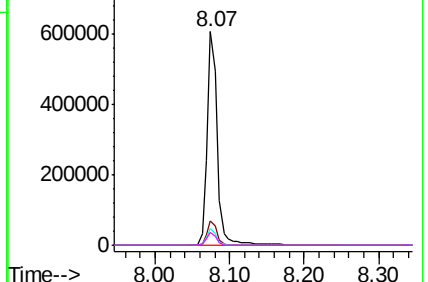
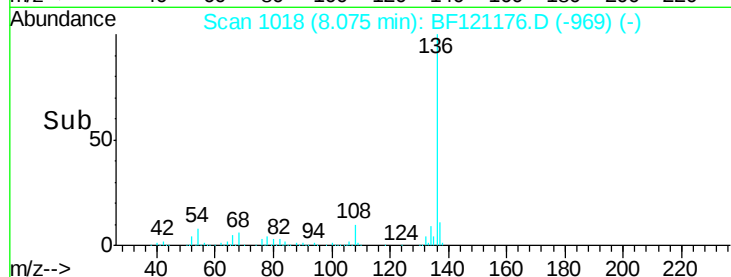


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.684 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

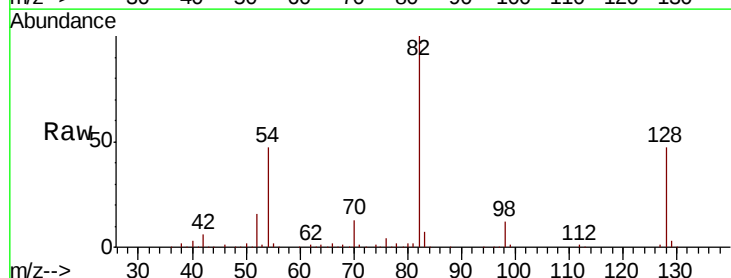
Tgt Ion: 82 Resp: 523376

Ion Ratio Lower Upper

82 100

128 47.0 39.2 58.8

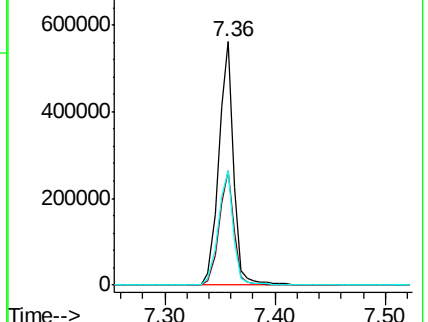
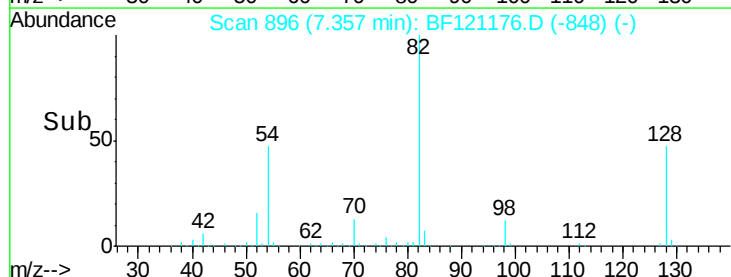
54 46.9 37.8 56.8



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: 25.943 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.28 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

FB

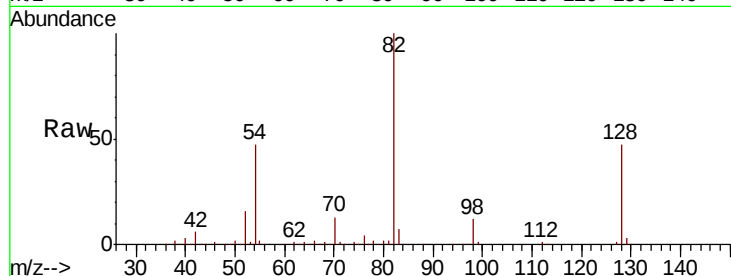
Tot Ion: 82 Resp: 514356

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

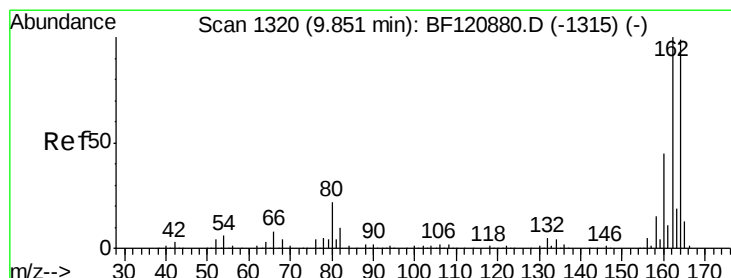
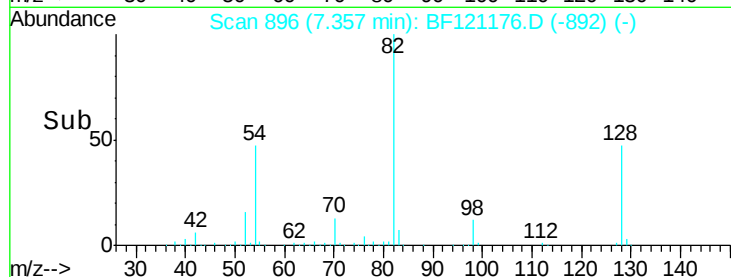
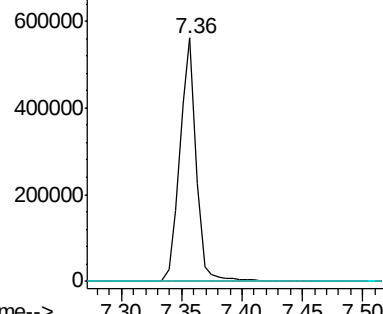
138 0.0 16.2 24.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

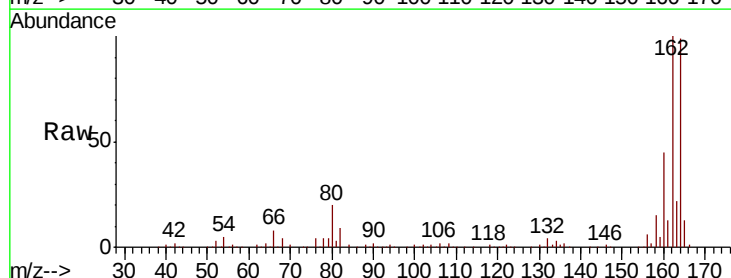
Tgt Ion: 164 Resp: 299943

Ion Ratio Lower Upper

164 100

162 100.7 82.2 123.2

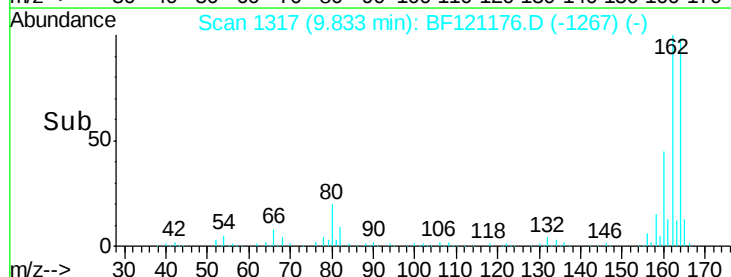
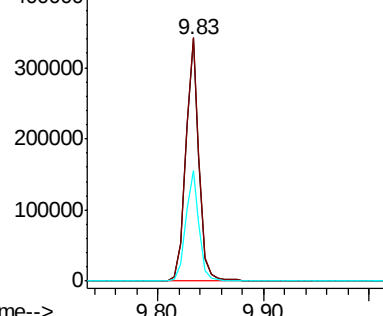
160 45.8 37.2 55.8



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

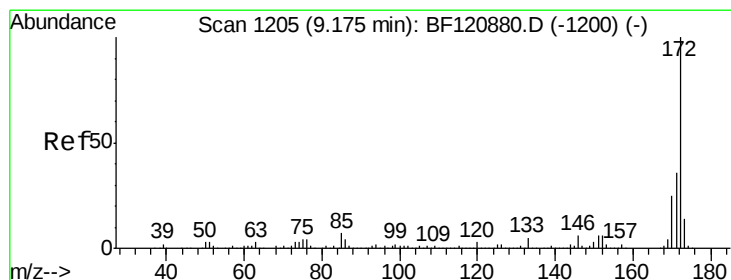
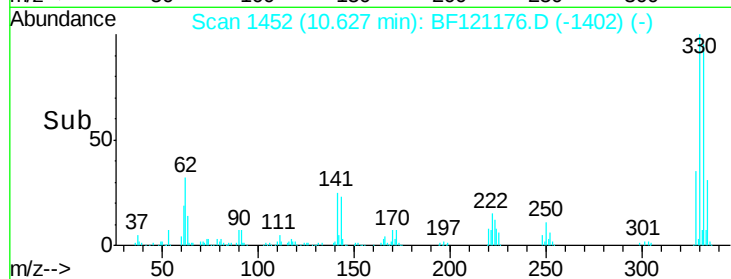
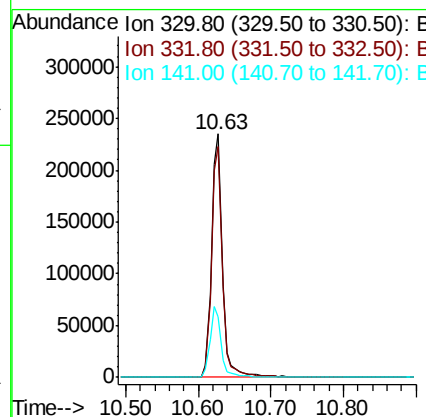
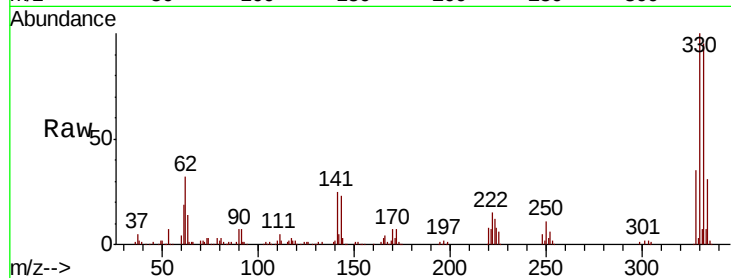




#42
 2,4,6-Tribromophenol
 Concen: 74.738 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 14:52

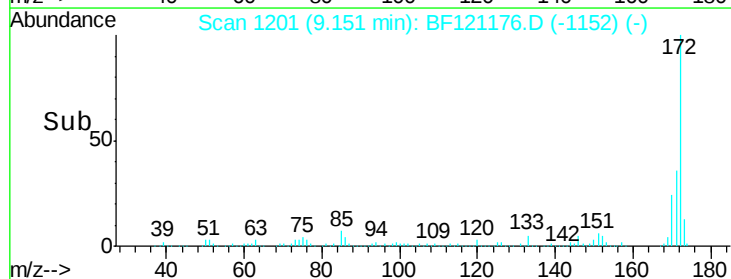
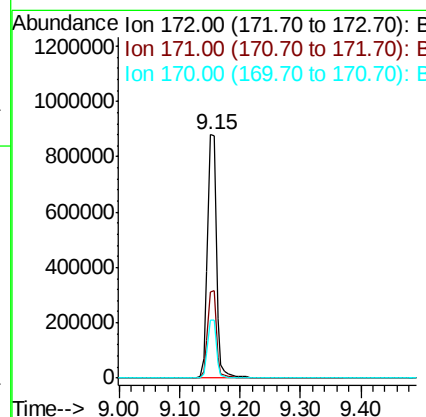
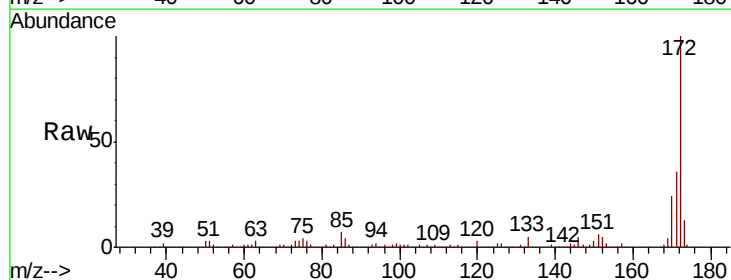
Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.1	114.1
141	30.0	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 45.388 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121176.D
 Acq: 3 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.8	19.6	29.4

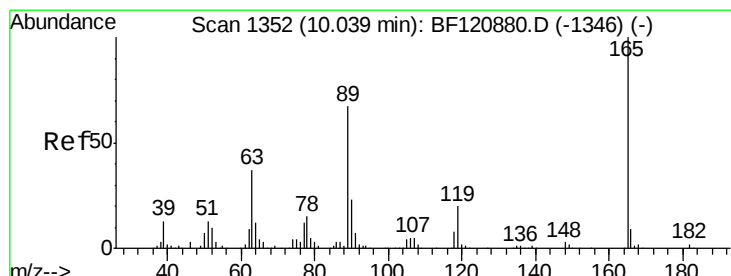
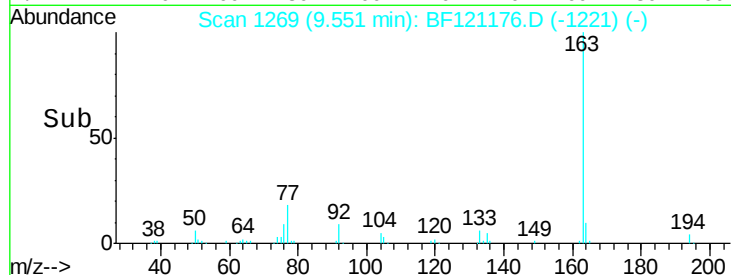
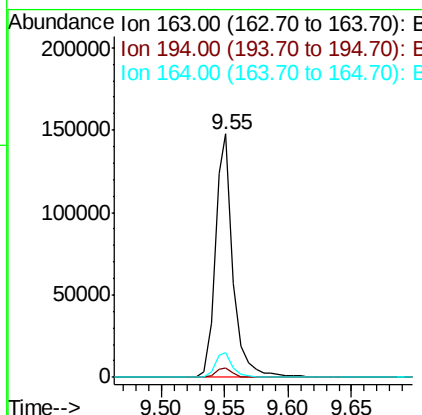
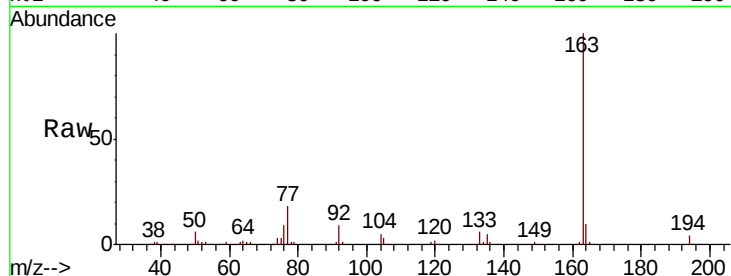




#50
Dimethylphthalate
Concen: 6.677 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121176.D
Acq: 3 Aug 2020 14:52

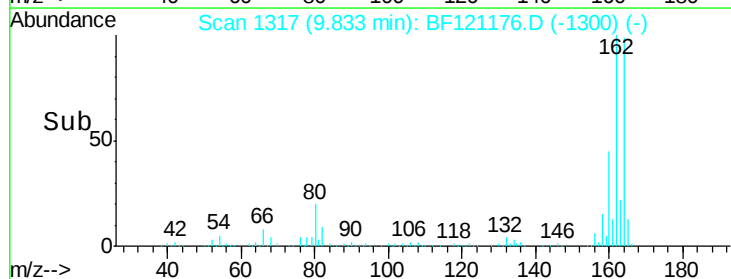
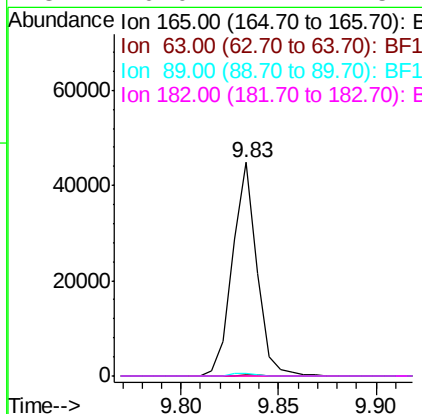
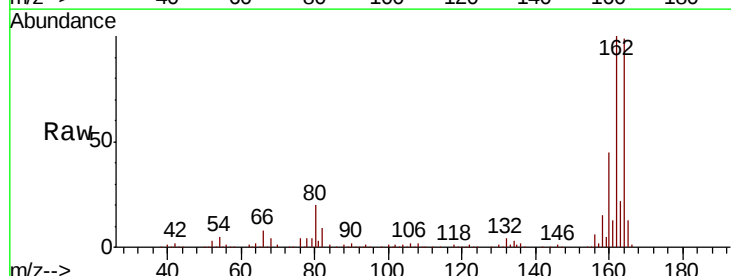
Instrument :
BNA_F
ClientSampleId :
FB

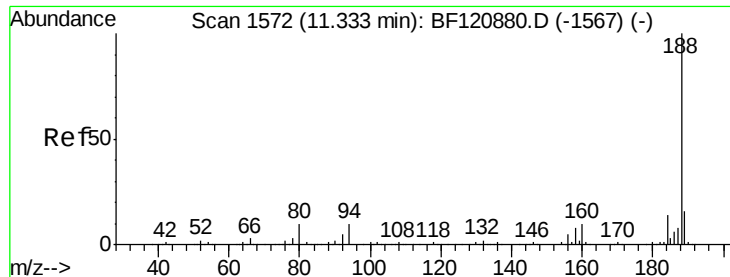
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	10.2	8.4	12.6



#57
2,4-Dinitrotoluene
Concen: 6.373 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121176.D
Acq: 3 Aug 2020 14:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	29.8	44.8#
89	1.2	50.3	75.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

Instrument :

BNA_F

ClientSampleId :

FB

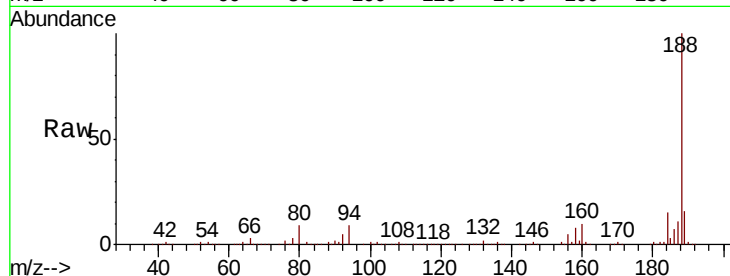
Tot Ion:188 Resp: 578982

Ion Ratio Lower Upper

188 100

94 9.2 8.0 12.0

80 9.3 8.3 12.5

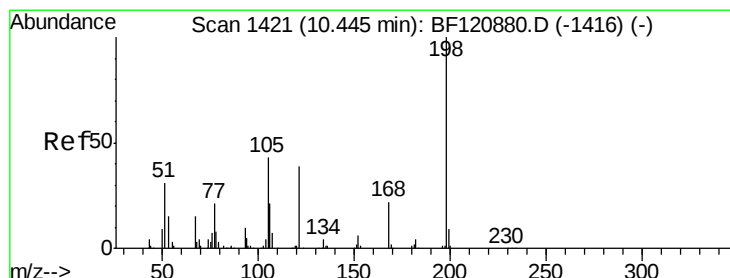
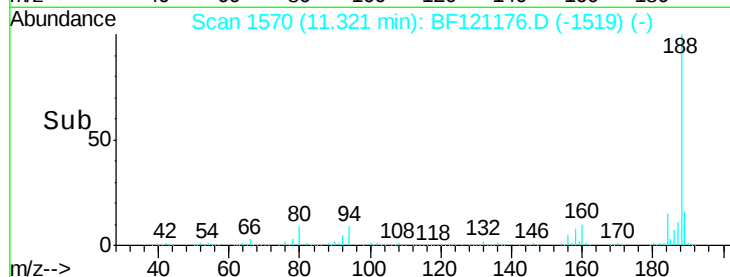


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time--> 11.25 11.30 11.35



#65

4,6-Dinitro-2-methylphenol

Concen: 3.955 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121176.D

Acq: 3 Aug 2020 14:52

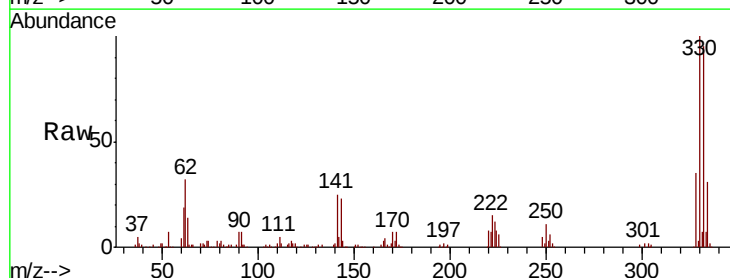
Tgt Ion:198 Resp: 408

Ion Ratio Lower Upper

198 100

51 103.3 23.4 63.4#

105 153.7 23.7 63.7#

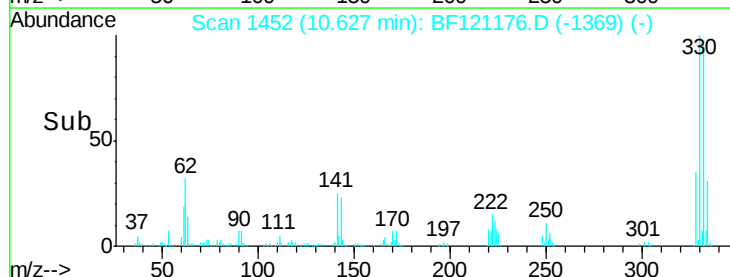


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time--> 10.60 10.62 10.64

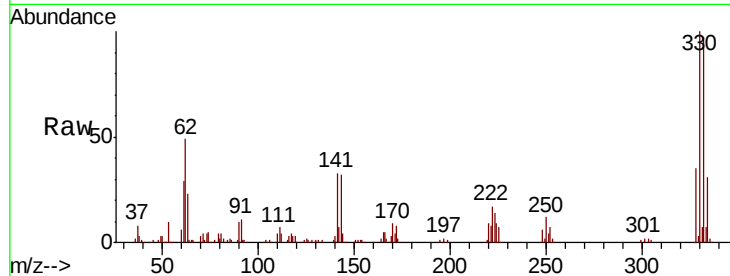




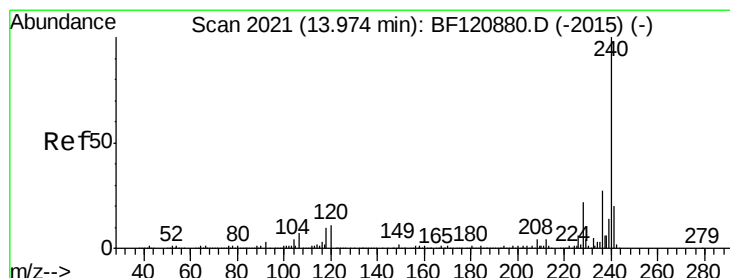
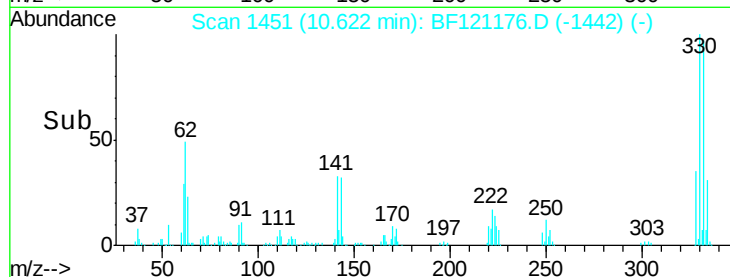
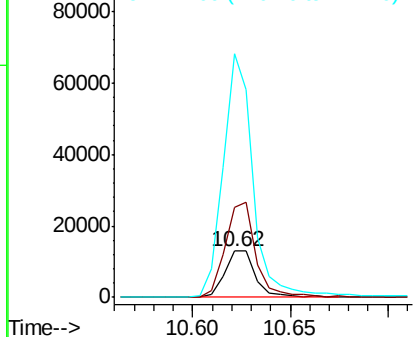
#67
4-Bromophenyl-phenylether
Concen: 2.172 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.25 min
Lab File: BF121176.D
Acq: 3 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:248 Resp: 14020
Ion Ratio Lower Upper
248 100
250 194.8 77.0 115.6#
141 525.2 56.6 85.0#

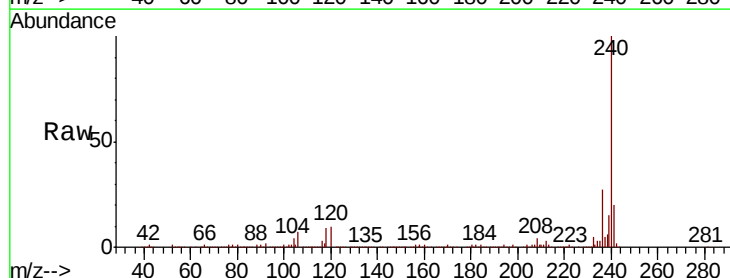


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

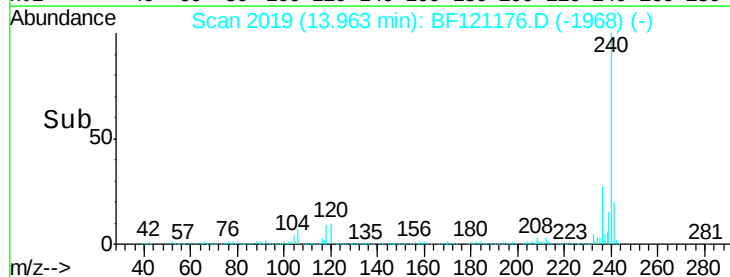
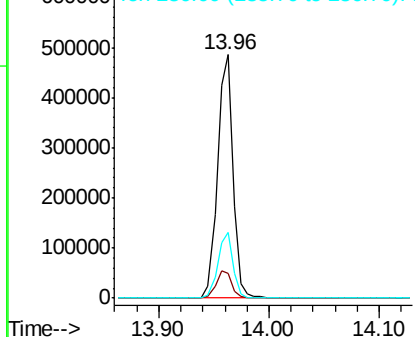


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121176.D
Acq: 3 Aug 2020 14:52

Tgt Ion:240 Resp: 471850
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 26.7 21.1 31.7



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

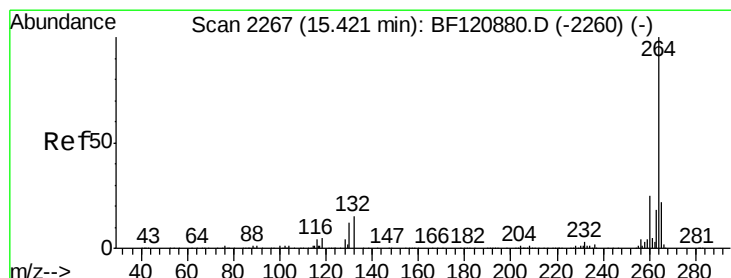
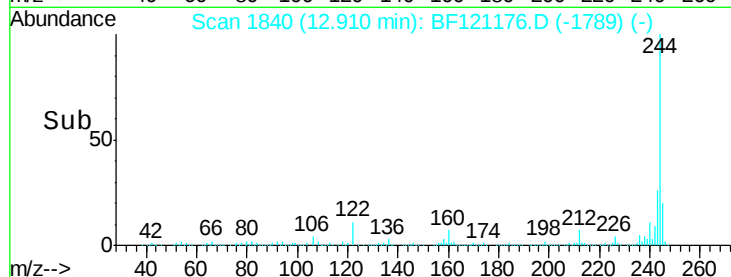
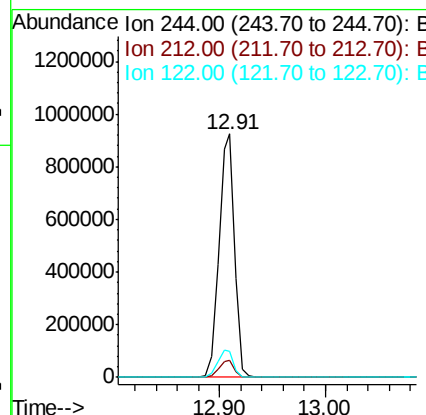
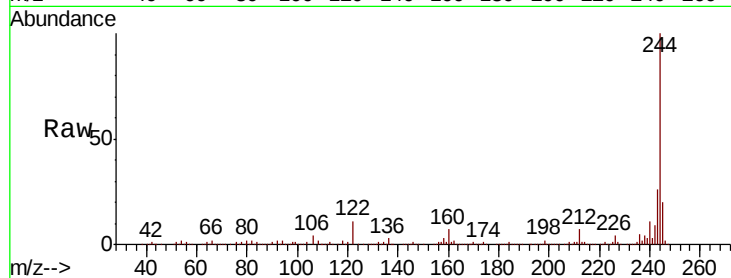




#79
Terphenyl-d14
Concen: 44.544 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF121176.D
Acq: 3 Aug 2020 14:52

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:244 Resp: 966887
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 10.8 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BF121176.D
Acq: 3 Aug 2020 14:52

Tgt Ion:264 Resp: 432219
Ion Ratio Lower Upper
264 100
260 24.8 19.9 29.9
265 22.0 17.8 26.8

