

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042020\
 Data File : BF120085.D
 Acq On : 20 Apr 2020 18:39
 Operator : MA/SJ
 Sample : L2314-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 21 01:04:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 14:10:57 2020
 Response via : Initial Calibration

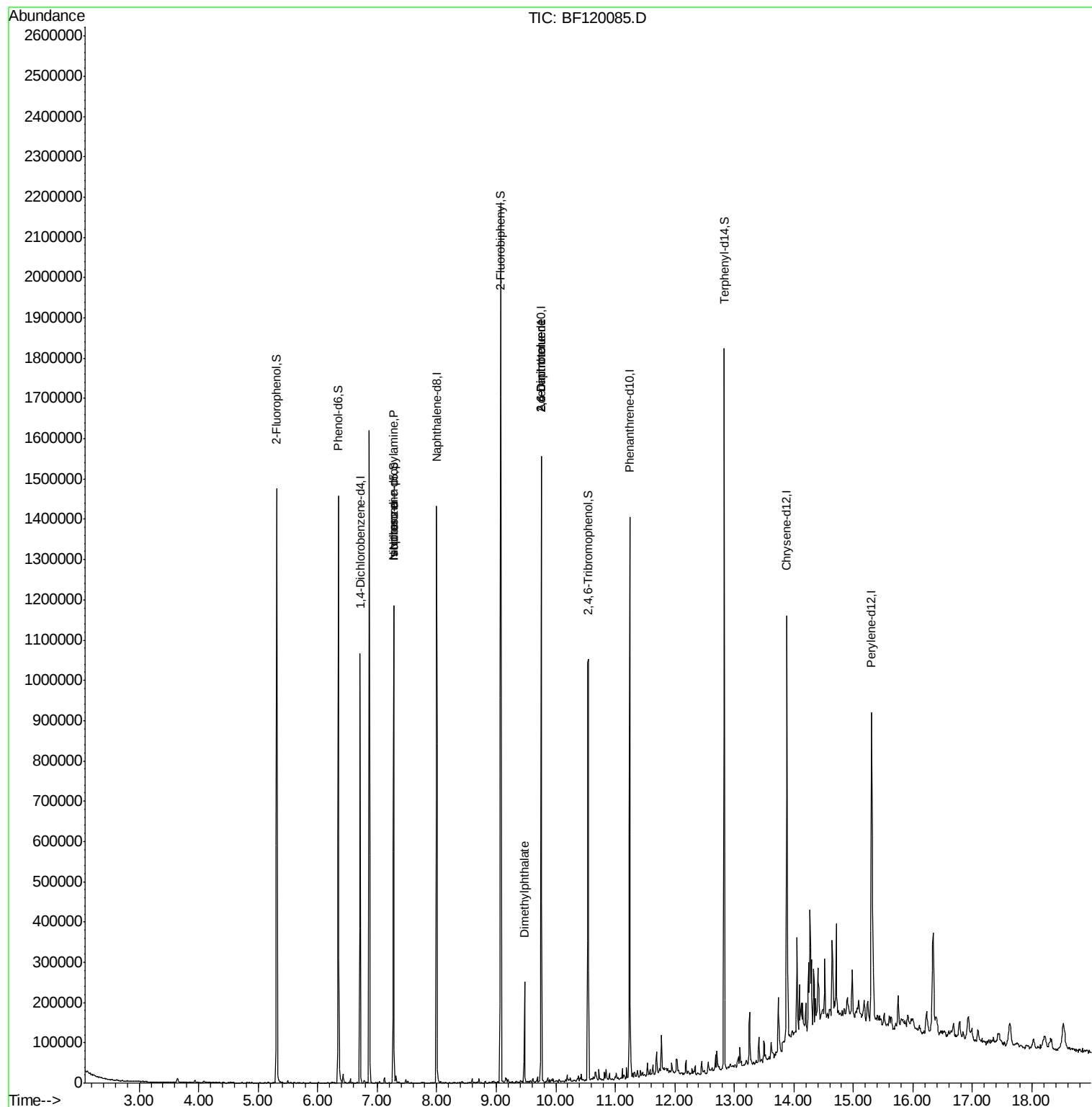
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	151019	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	565389	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	291746	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	488263	20.00	ng	-0.01
76) Chrysene-d12	13.88	240	346787	20.00	ng	-0.02
87) Perylene-d12	15.30	264	317200	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	377310	43.18	ng	0.00
7) Phenol-d6	6.35	99	497857	44.21	ng	-0.01
23) Nitrobenzene-d5	7.27	82	324842	29.72	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	119174	33.36	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	652308	31.74	ng	-0.01
79) Terphenyl-d14	12.83	244	574889	27.89	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.26	77	130	Below Cal		Qvalue # 52
19) n-Nitroso-di-n-propylamine	7.27	70	42025	5.804 ng	#	80
25) Isophorone	7.27	82	323160	15.339 ng	#	65
50) Dimethylphthalate	9.47	163	97167	4.306 ng		98
51) 2,6-Dinitrotoluene	9.76	165	38026	7.695 ng	#	19
57) 2,4-Dinitrotoluene	9.76	165	38026	5.841 ng	#	22

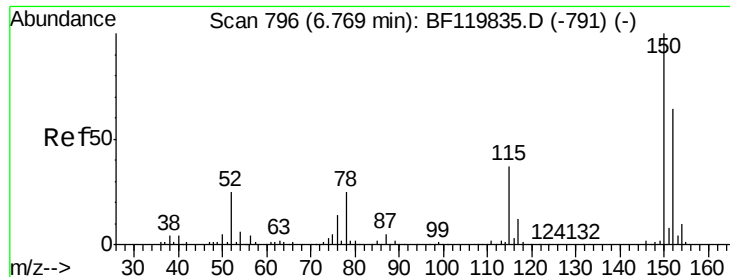
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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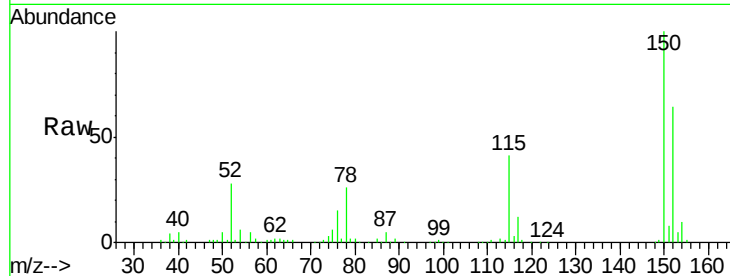


#1

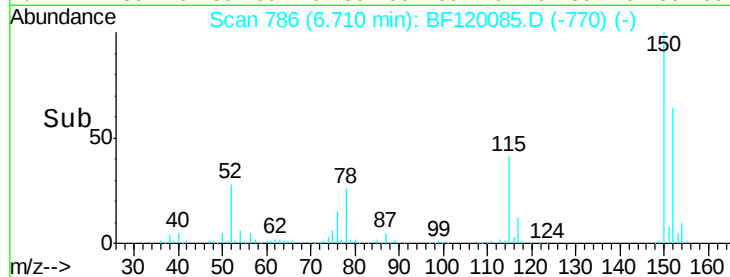
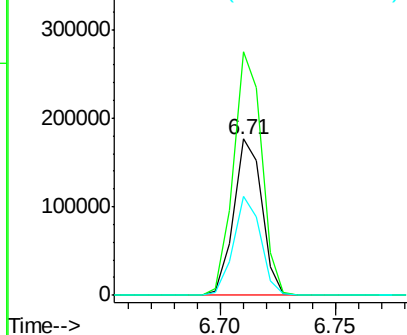
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF120085.D
 Acq: 20 Apr 2020 18:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 151019
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.8 187.2
 115 63.2 46.5 69.7



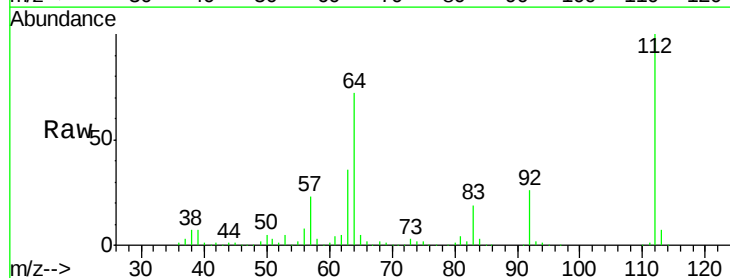
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



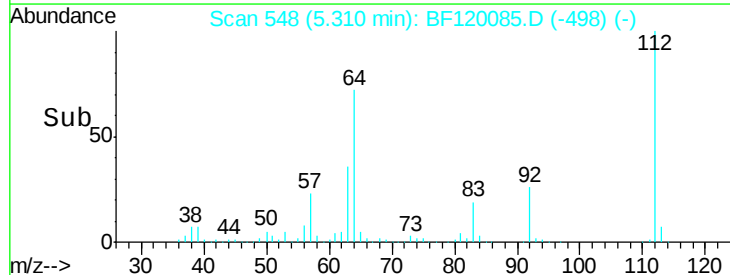
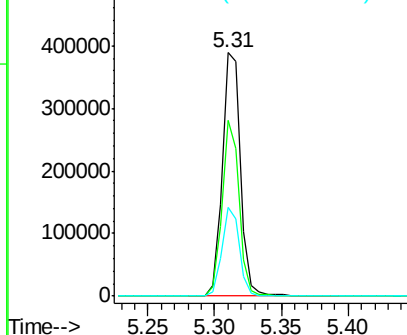
#5

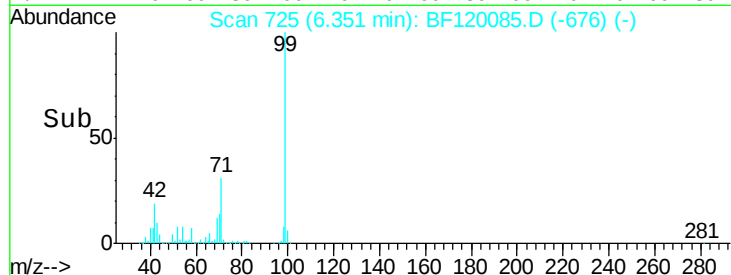
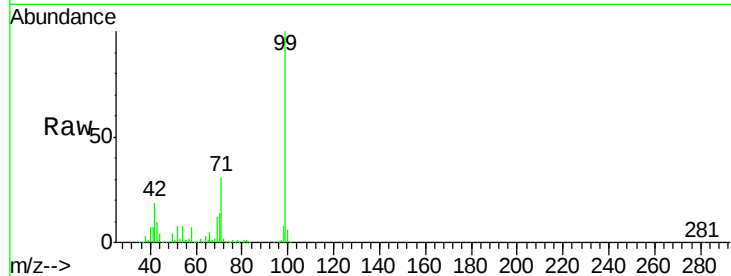
2-Fluorophenol
 Concen: 43.177 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF120085.D
 Acq: 20 Apr 2020 18:39

Tgt Ion:112 Resp: 377310
 Ion Ratio Lower Upper
 112 100
 64 71.9 55.5 83.3
 63 36.4 29.1 43.7



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: 44.214 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

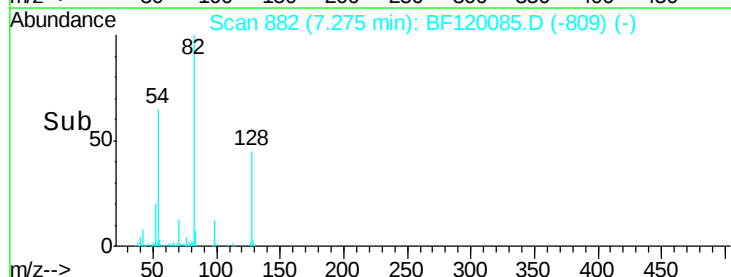
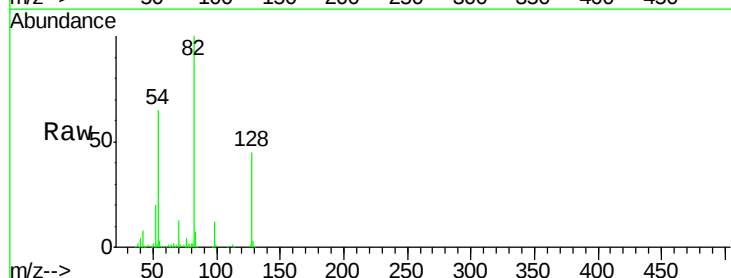
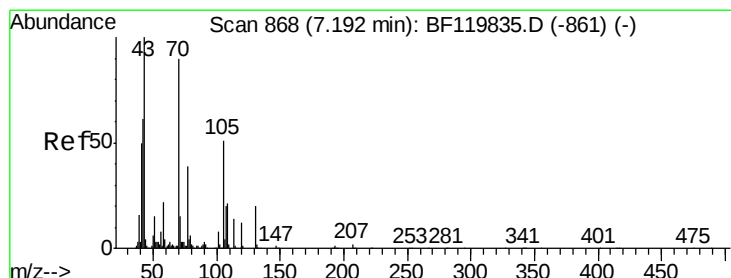
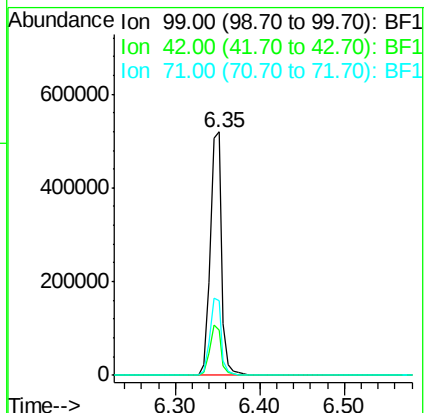
Tot Ion: 99 Resp: 497857

Ion Ratio Lower Upper

99 100

42 18.8 16.9 25.3

71 30.8 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 5.804 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.13 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

Tgt Ion: 70 Resp: 42025

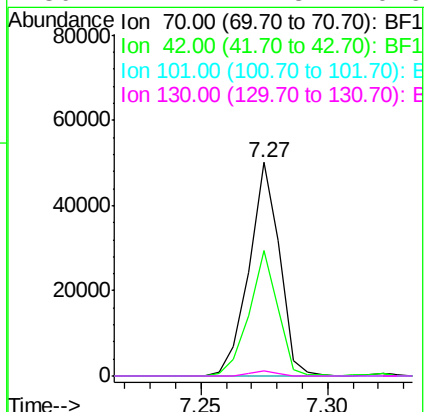
Ion Ratio Lower Upper

70 100

42 58.5 54.2 81.4

101 0.0 7.4 11.2#

130 2.4 17.8 26.6#

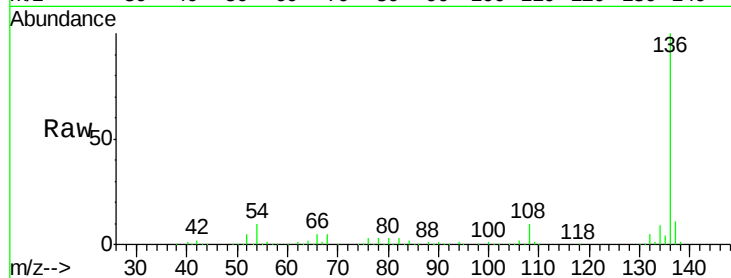




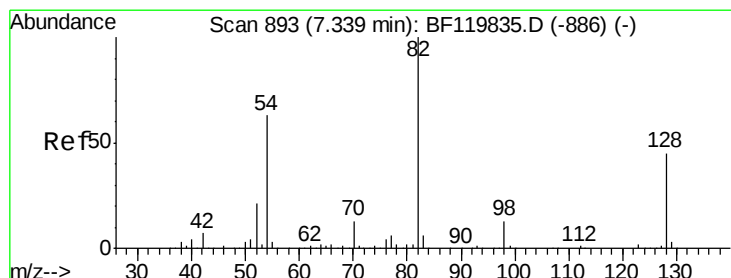
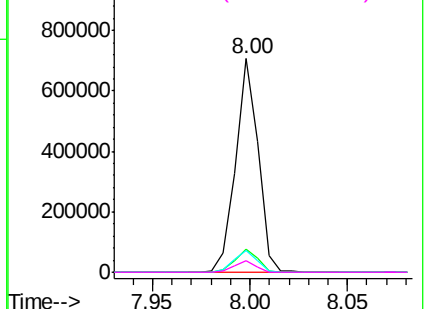
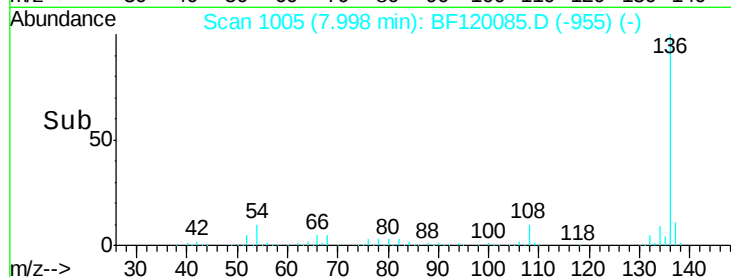
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF120085.D
Acq: 20 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 565389
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.2 8.5 12.7
68 5.4 3.9 5.9

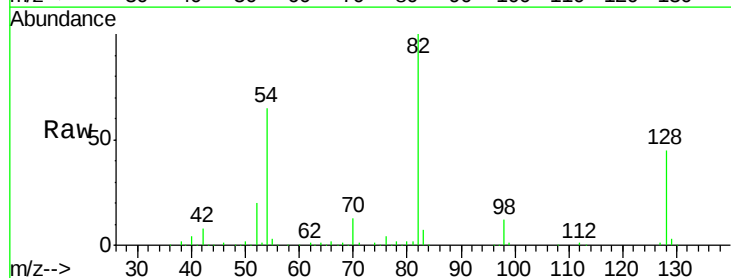


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

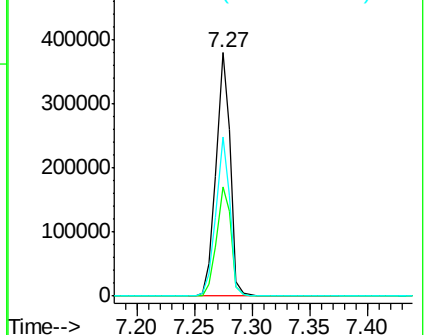
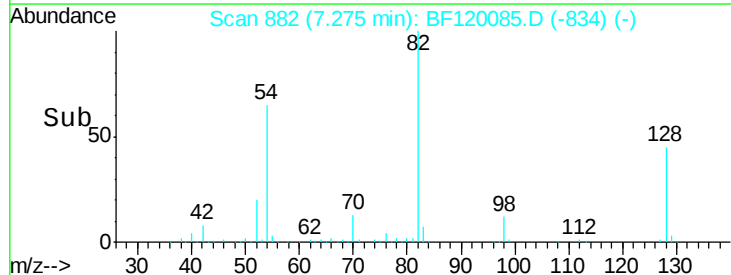


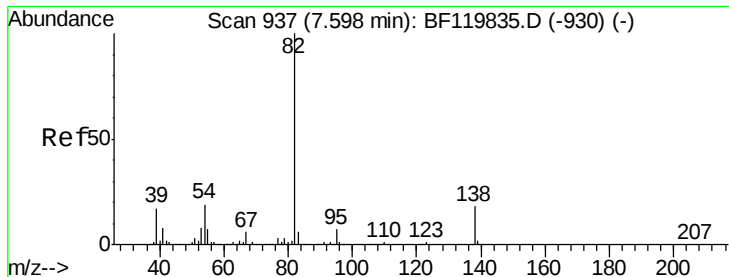
#23
Nitrobenzene-d5
Concen: 29.723 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF120085.D
Acq: 20 Apr 2020 18:39

Tgt Ion: 82 Resp: 324842
Ion Ratio Lower Upper
82 100
128 44.9 36.2 54.4
54 65.3 50.4 75.6



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: 15.339 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.28 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

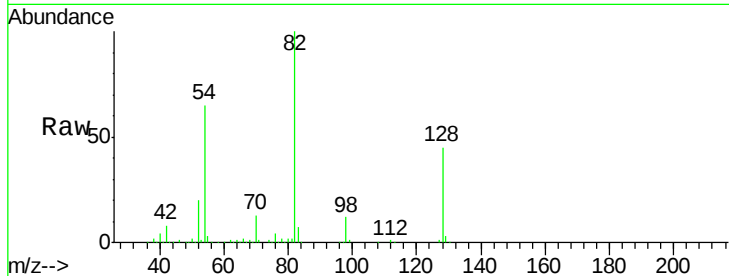
Tot Ion: 82 Resp: 323160

Ion Ratio Lower Upper

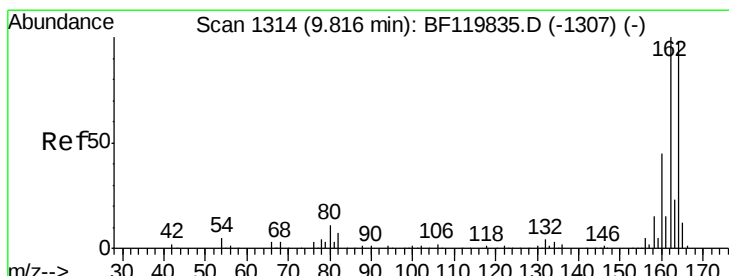
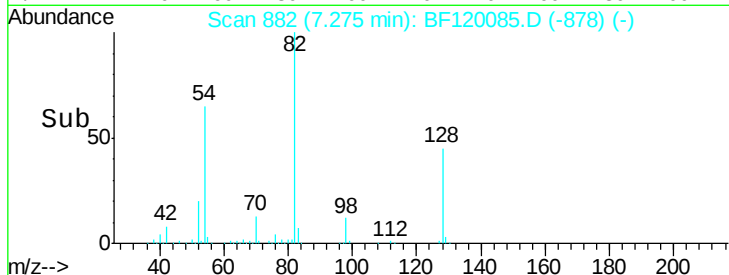
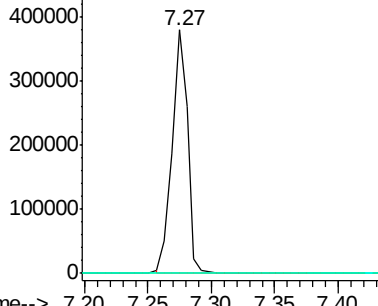
82 100

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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

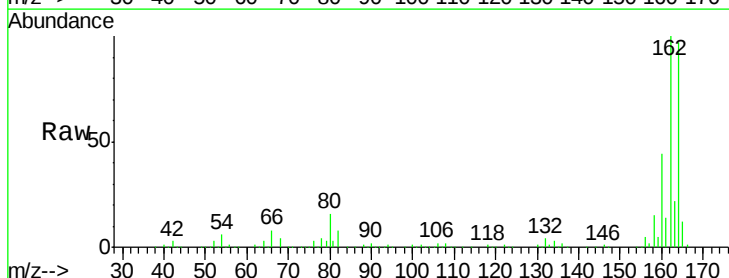
Tgt Ion: 164 Resp: 291746

Ion Ratio Lower Upper

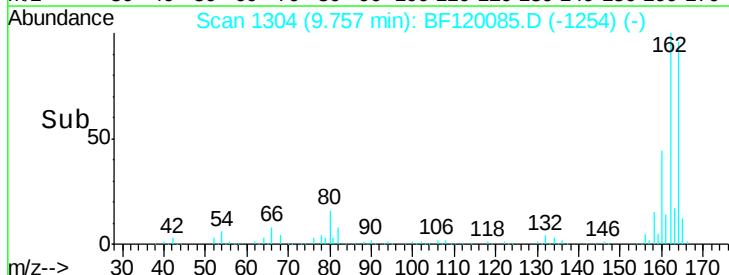
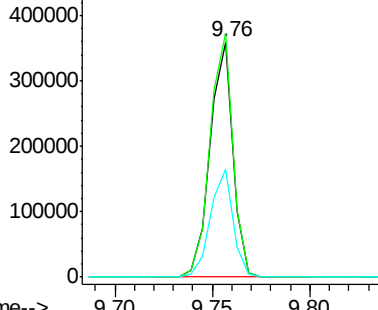
164 100

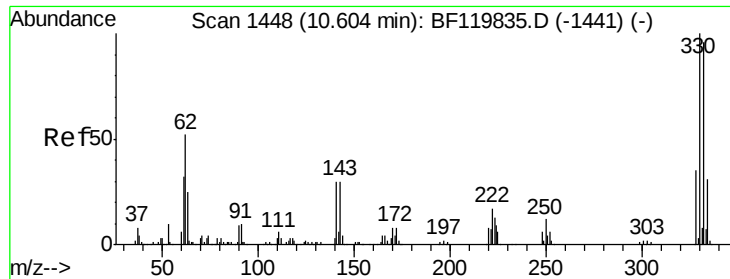
162 103.6 81.9 122.9

160 45.7 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

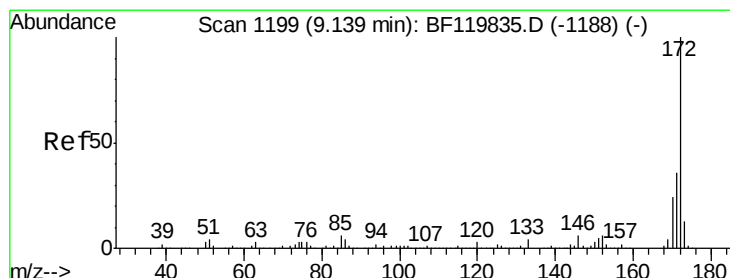
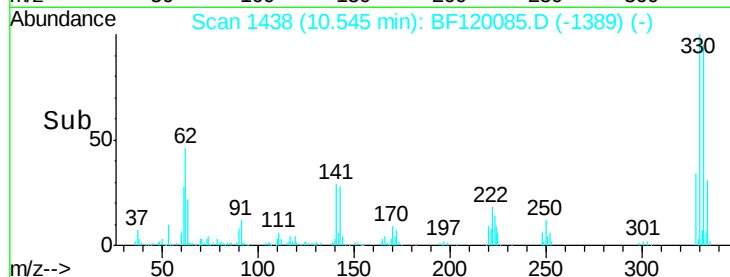
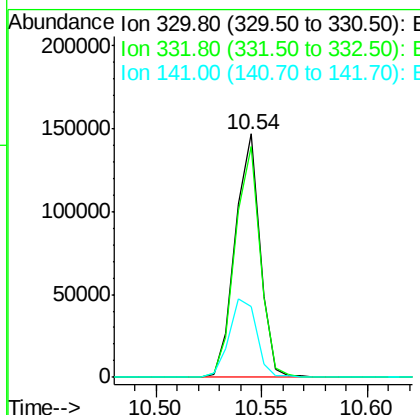
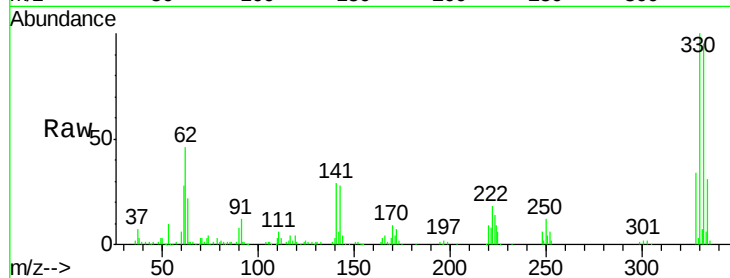




#42
 2,4,6-Tribromophenol
 Concen: 33.364 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF120085.D
 Acq: 20 Apr 2020 18:39

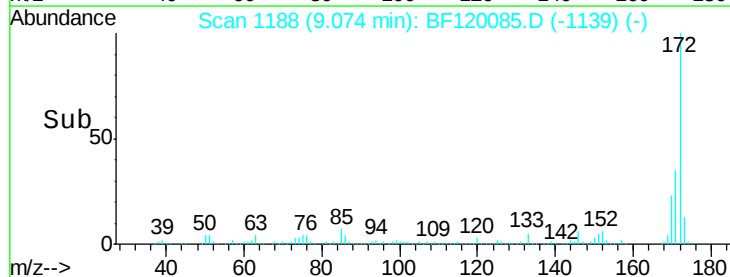
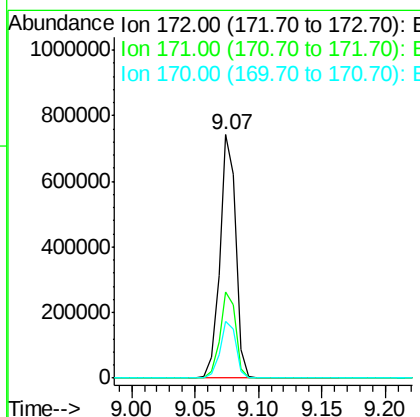
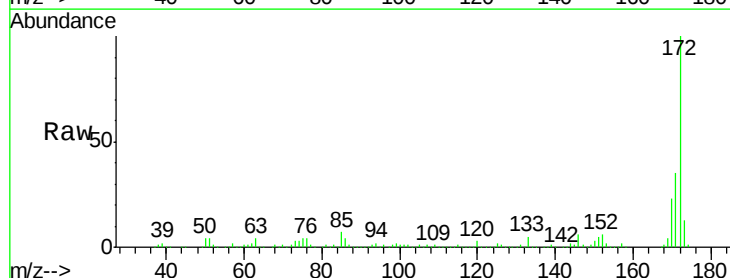
Instrument :
 BNA_F
 ClientSampleId :

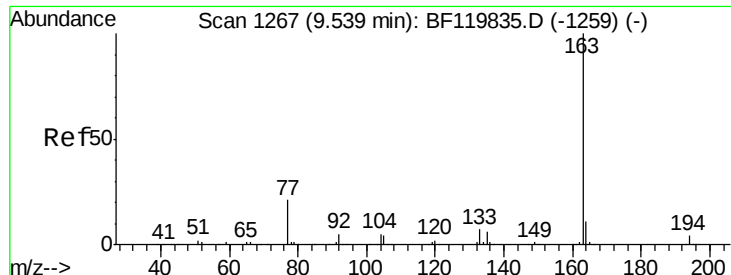
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.8	115.2
141	35.9	25.1	37.7



#45
 2-Fluorobiphenyl
 Concen: 31.745 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF120085.D
 Acq: 20 Apr 2020 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.3	19.4	29.2





#50

Dimethylphthalate

Concen: 4.306 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.02 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

Instrument :

BNA_F

ClientSampleId :

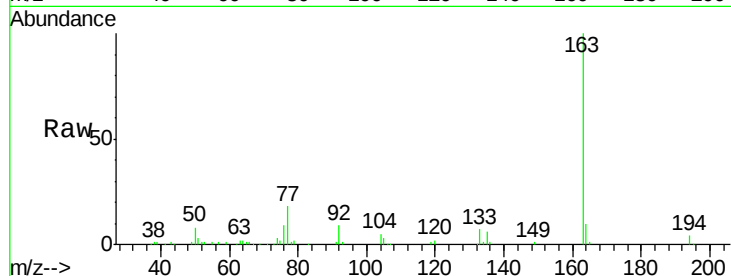
Tot Ion:163 Resp: 97167

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

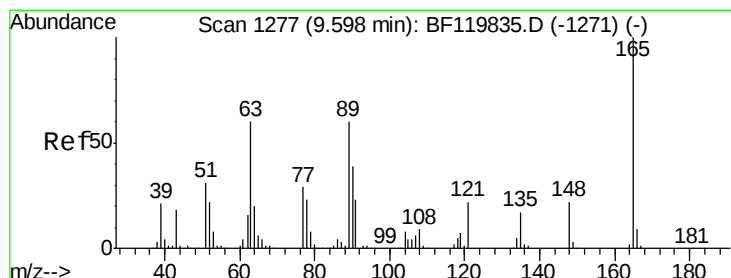
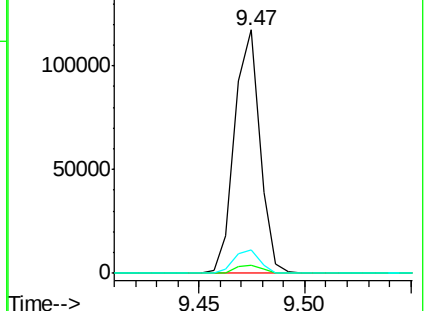
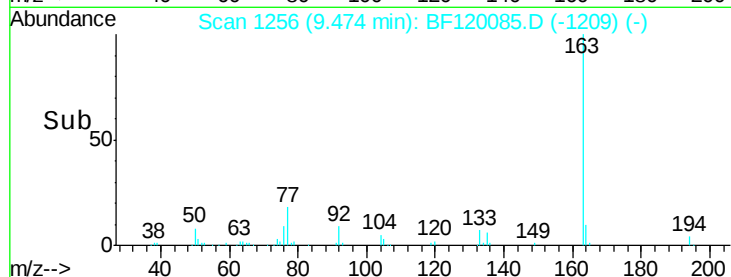
164 9.7 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 7.695 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

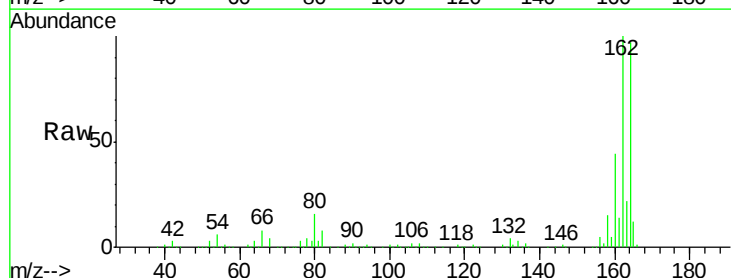
Tgt Ion:165 Resp: 38026

Ion Ratio Lower Upper

165 100

63 1.3 55.6 83.4#

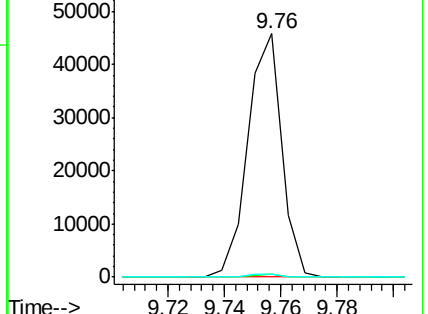
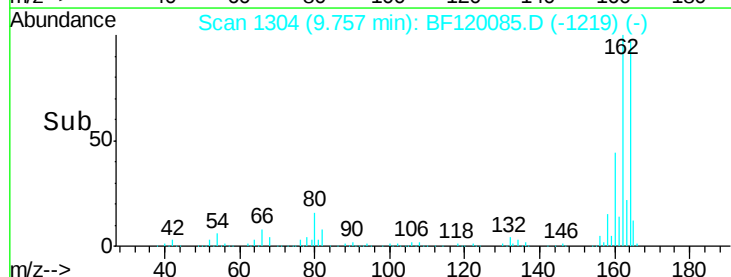
89 1.0 47.9 71.9#

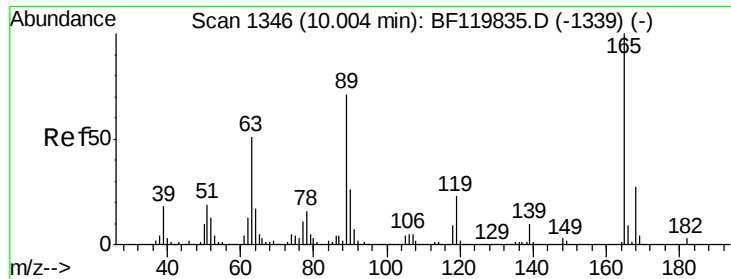


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

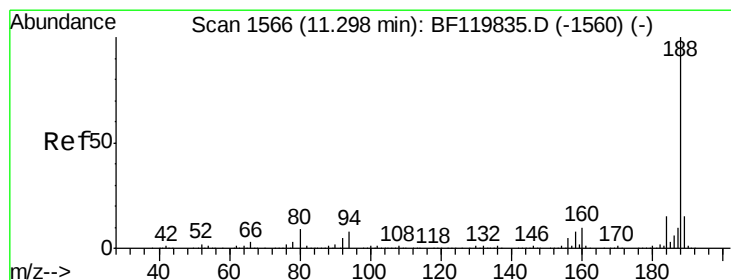
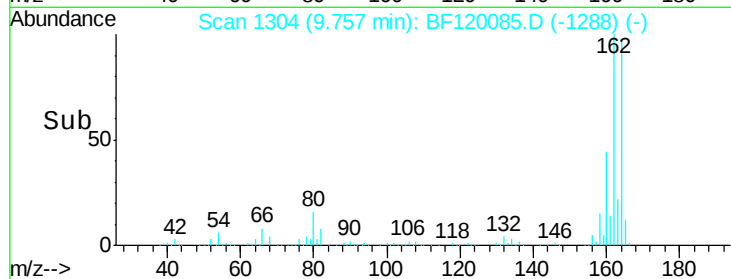
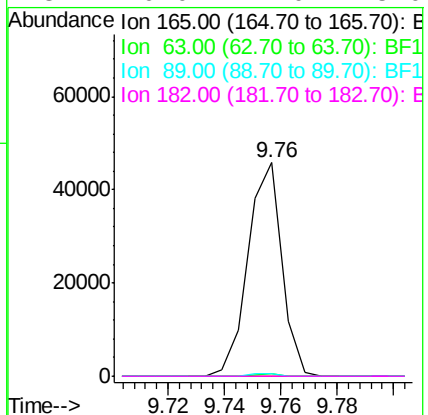
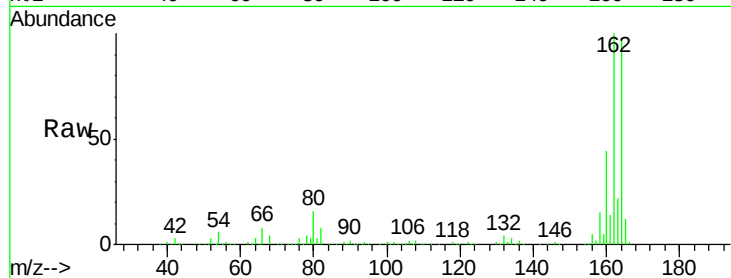




#57
 2,4-Dinitrotoluene
 Concen: 5.841 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF120085.D
 Acq: 20 Apr 2020 18:39

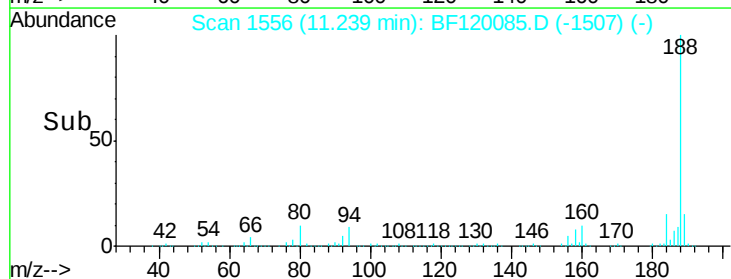
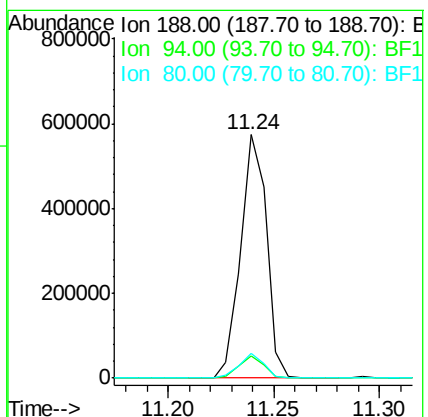
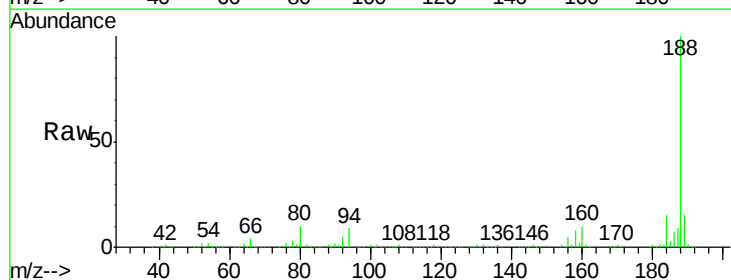
Instrument :
 BNA_F
 ClientSampleId :

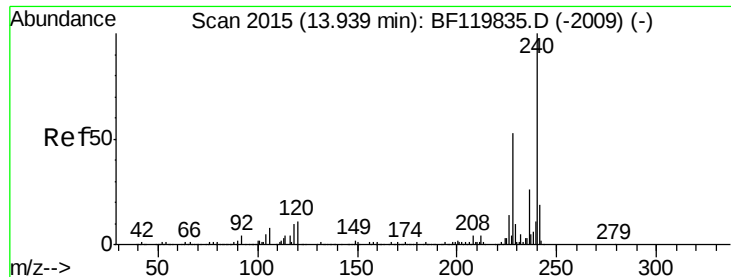
Tot Ion:165 Resp: 38026
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.8 61.2#
 89 1.0 56.9 85.3#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF120085.D
 Acq: 20 Apr 2020 18:39

Tgt Ion:188 Resp: 488263
 Ion Ratio Lower Upper
 188 100
 94 9.0 6.7 10.1
 80 10.3 7.4 11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

Instrument :

BNA_F

ClientSampled :

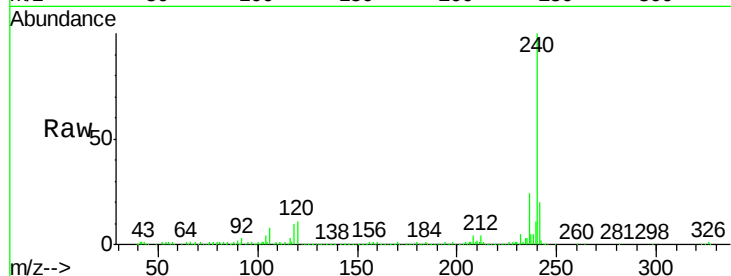
Tot Ion:240 Resp: 346787

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

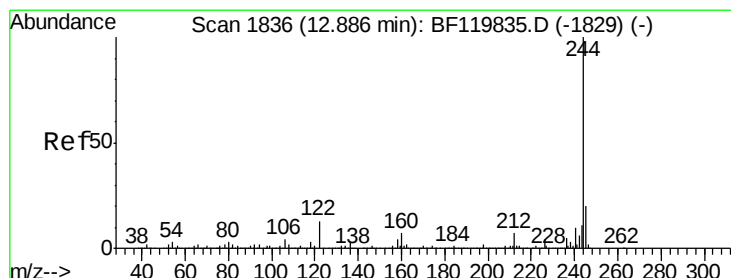
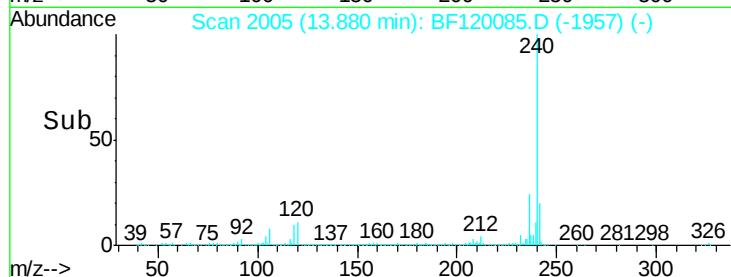
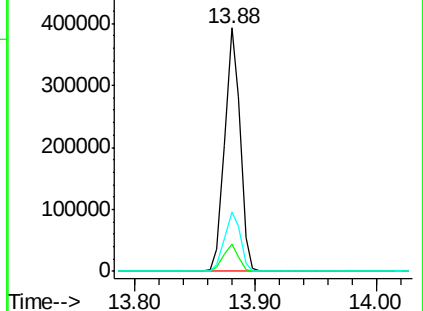
236 24.3 20.7 31.1



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: 27.894 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF120085.D

Acq: 20 Apr 2020 18:39

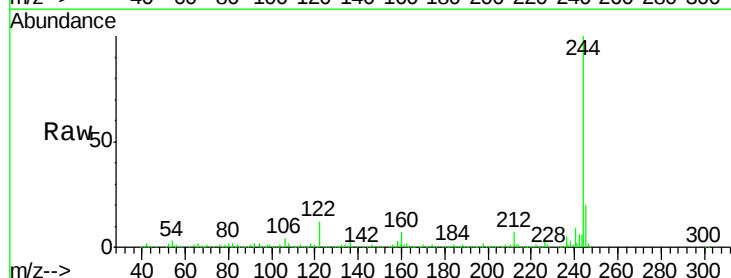
Tgt Ion:244 Resp: 574889

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

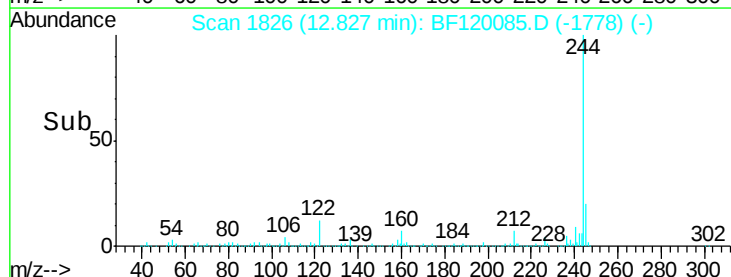
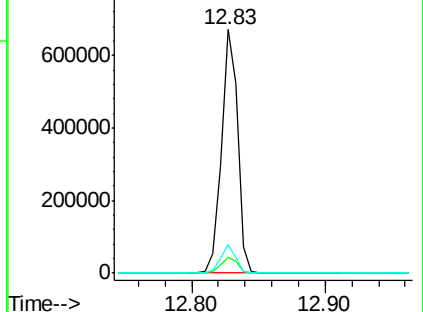
122 11.9 10.3 15.5

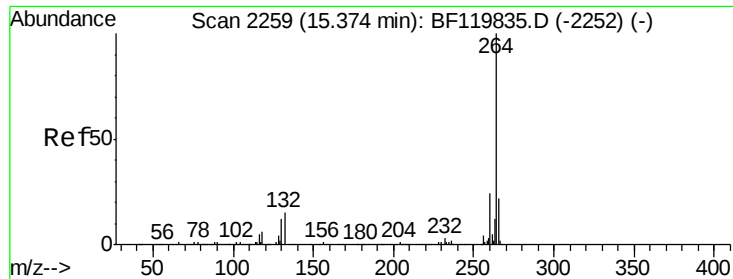


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

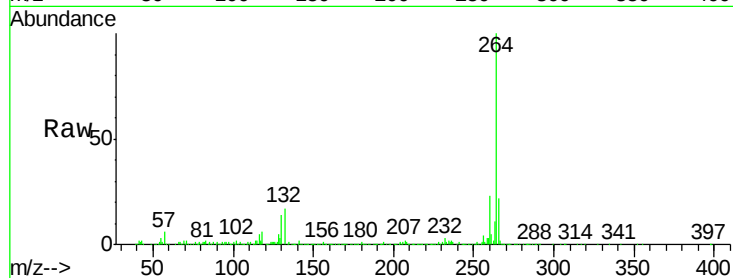




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.02 min
Lab File: BF120085.D
Acq: 20 Apr 2020 18:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.3	28.9
265	21.9	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

