

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120243.D
 Acq On : 30 Apr 2020 17:00
 Operator : MA/SJ
 Sample : L2445-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1511-B

Quant Time: Apr 30 17:55:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 12:39:25 2020
 Response via : Initial Calibration

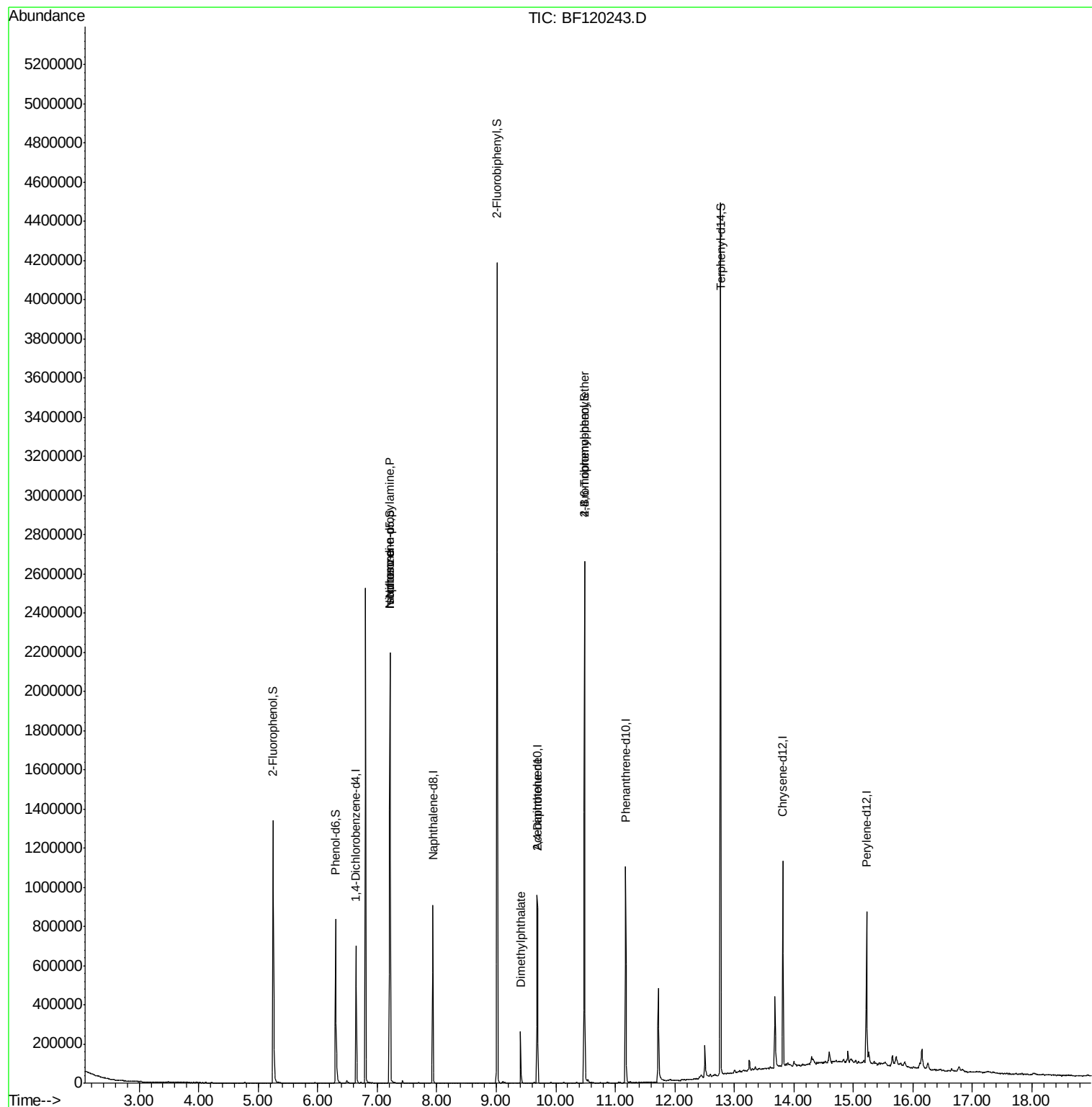
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	95080	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	358683	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	191772	20.00	ng	-0.01
64) Phenanthrene-d10	11.17	188	379956	20.00	ng	0.00
76) Chrysene-d12	13.82	240	333716	20.00	ng	-0.01
87) Perylene-d12	15.22	264	322499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	364894	66.32	ng	0.00
7) Phenol-d6	6.30	99	295189	41.64	ng	-0.01
23) Nitrobenzene-d5	7.22	82	635606	91.67	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	315761	134.48	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1236072	91.51	ng	0.00
79) Terphenyl-d14	12.77	244	1686959	85.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	250	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.22	70	82018	17.991 ng	#	78
25) Isophorone	7.22	82	635598	47.556 ng	#	65
50) Dimethylphthalate	9.41	163	101106	6.816 ng		100
57) 2,4-Dinitrotoluene	9.69	165	24483	5.721 ng	#	19
67) 4-Bromophenyl-phenylether	10.48	248	20541	4.347 ng	#	1

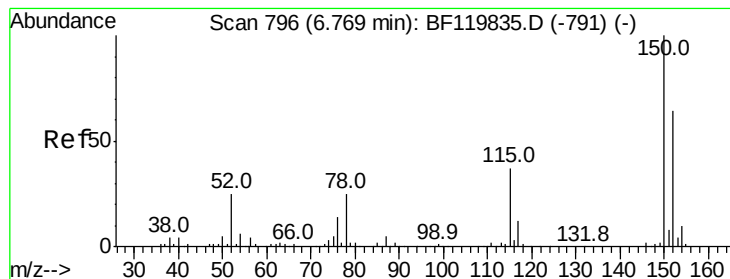
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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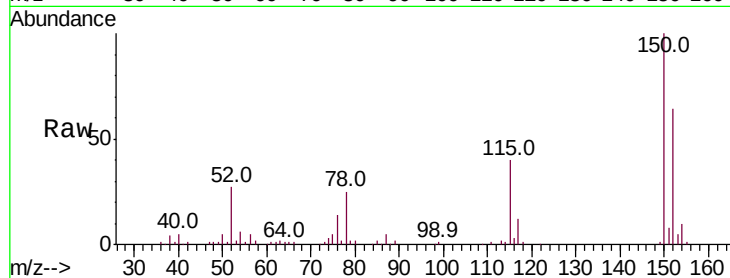


#1

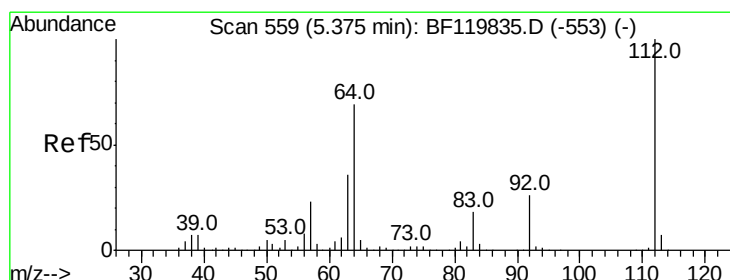
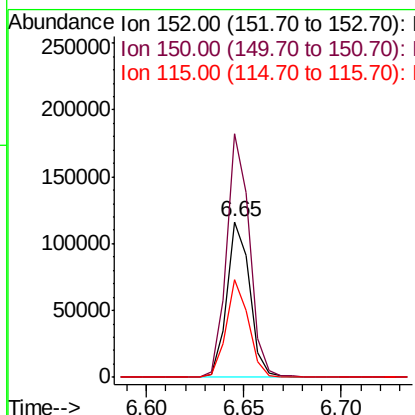
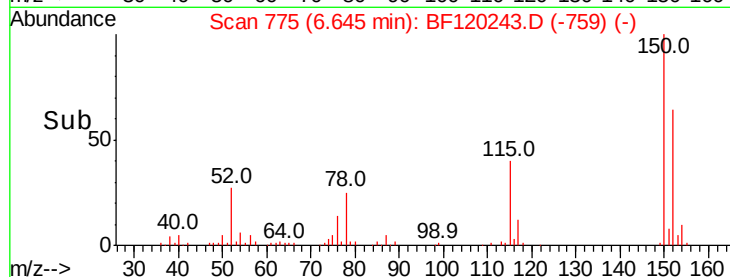
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.65 min Scan# 775
 Delta R.T. -0.01 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

Instrument :
 BNA_F
 ClientSampled :
 B-1511-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.5	186.7
115	62.7	49.6	74.4



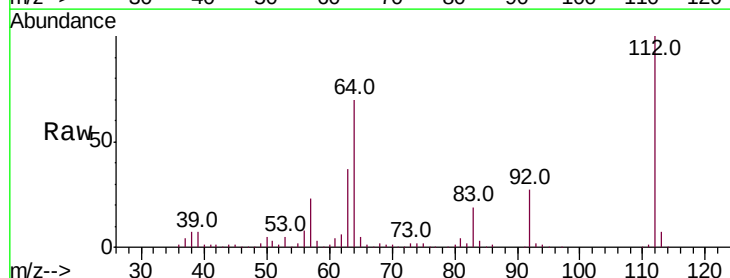
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



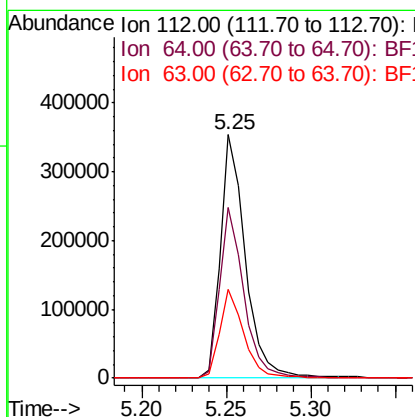
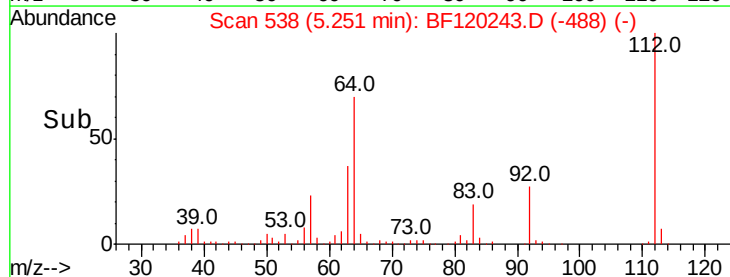
#5

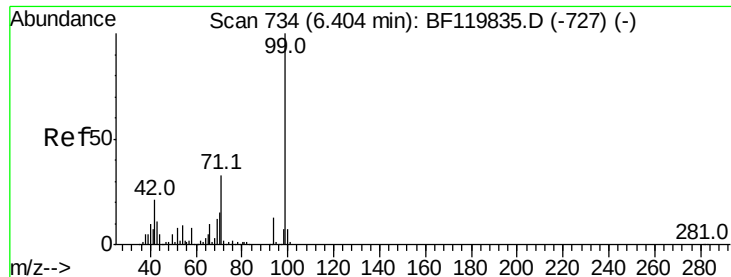
2-Fluorophenol
 Concen: 66.323 ng
 RT: 5.25 min Scan# 538
 Delta R.T. -0.01 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.7	85.1
63	36.5	29.5	44.3



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: 41.639 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

Instrument :

BNA_F

ClientSampleId :

B-1511-B

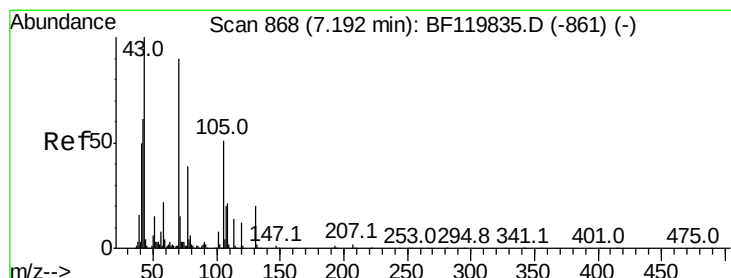
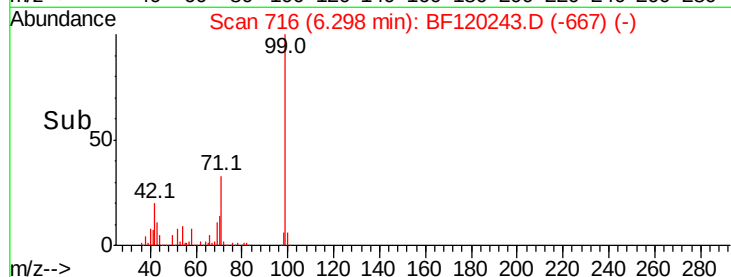
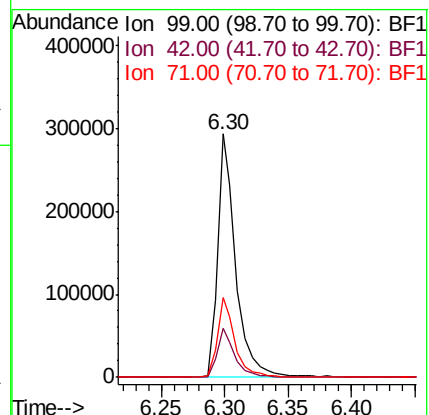
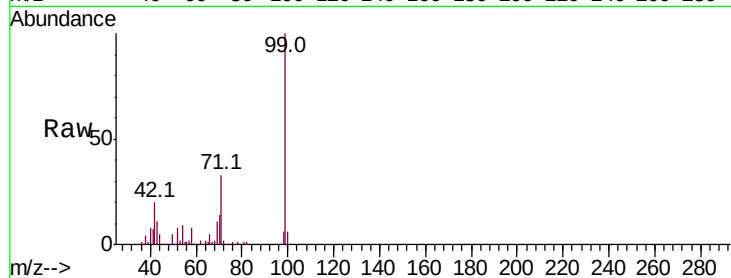
Tot Ion: 99 Resp: 295189

Ion Ratio Lower Upper

99 100

42 20.0 16.6 24.8

71 32.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.991 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

Tgt Ion: 70 Resp: 82018

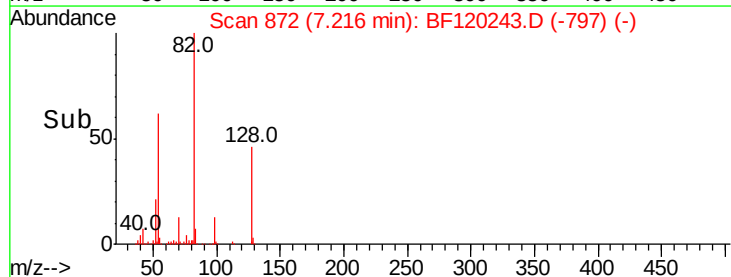
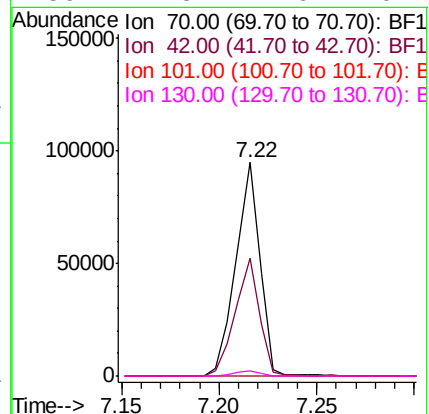
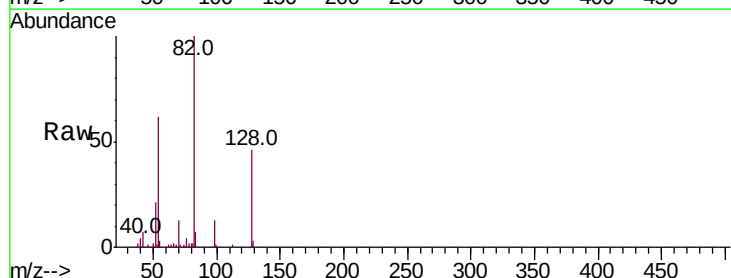
Ion Ratio Lower Upper

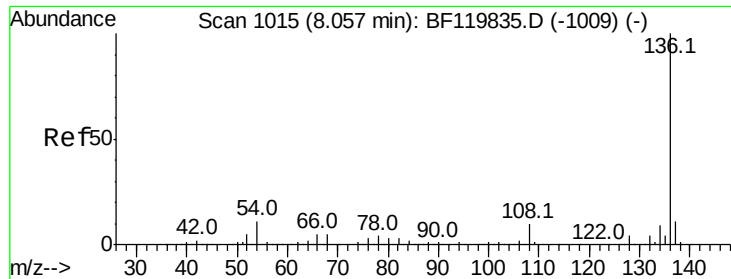
70 100

42 55.4 54.5 81.7

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

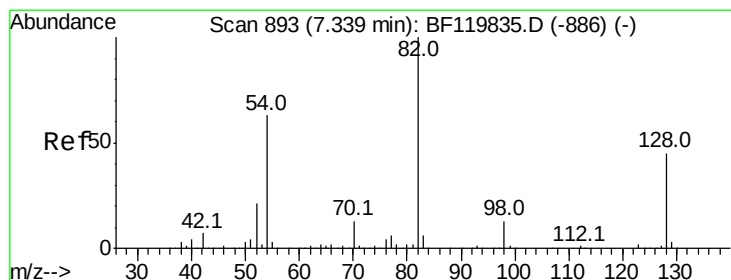
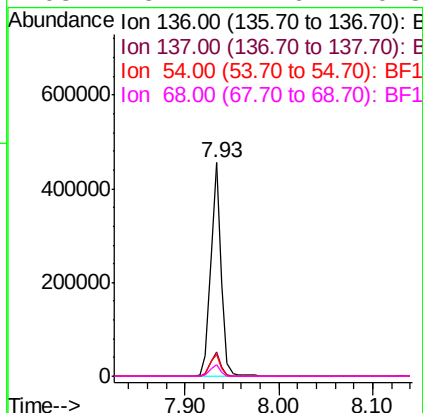
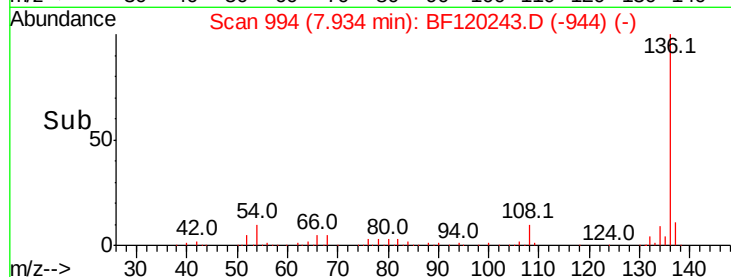
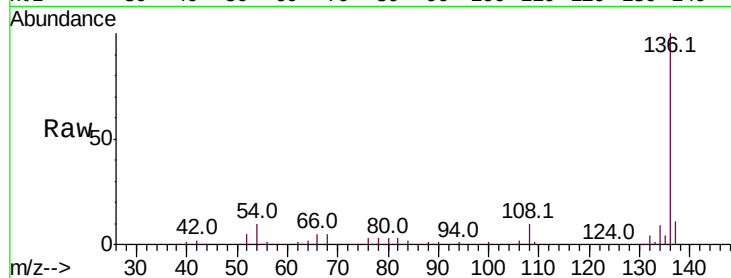




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120243.D
Acq: 30 Apr 2020 17:00

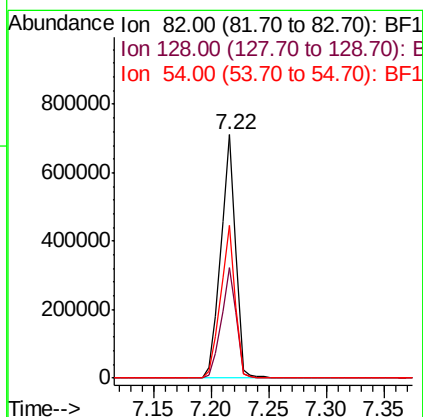
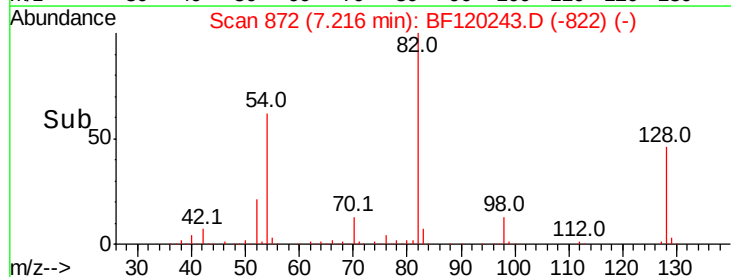
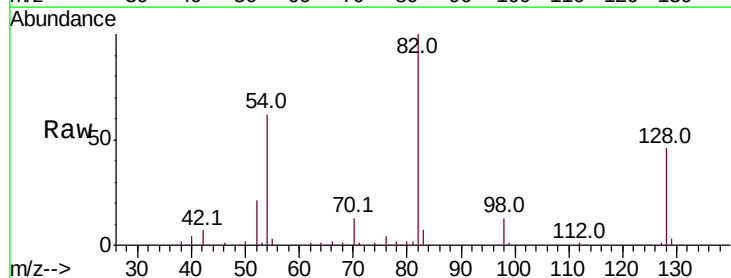
Instrument :
BNA_F
ClientSampleId :
B-1511-B

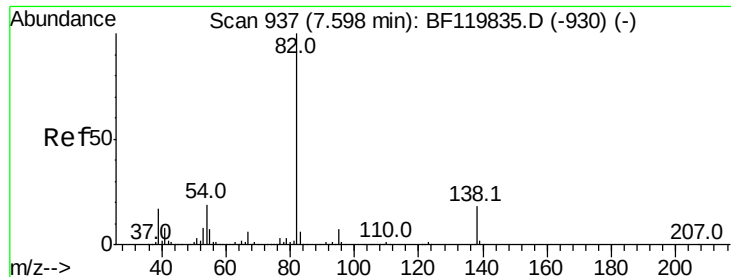
Tot Ion:	136	Resp:	358683
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	9.1	13.7
68	5.2	4.6	6.8



#23
Nitrobenzene-d5
Concen: 91.675 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120243.D
Acq: 30 Apr 2020 17:00

Tgt Ion:	82	Resp:	635606
Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.3	54.5
54	62.5	50.6	75.8





#25

Isophorone

Concen: 47.556 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

Instrument :

BNA_F

ClientSampled :

B-1511-B

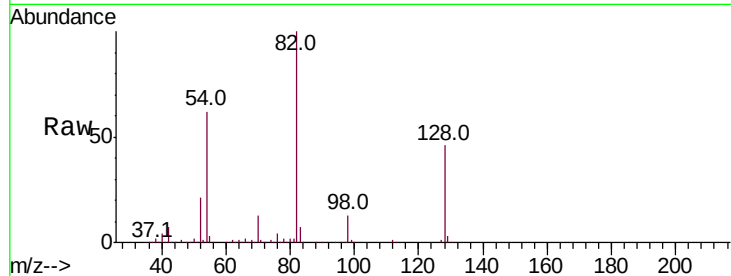
Tot Ion: 82 Resp: 635598

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

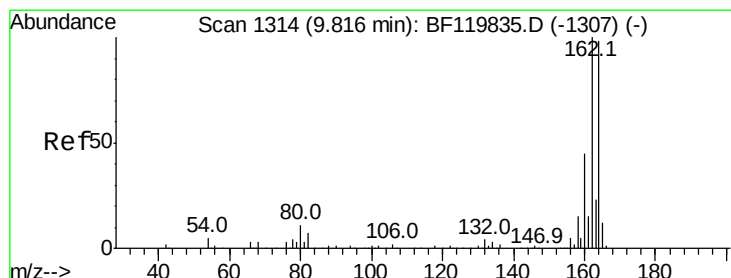
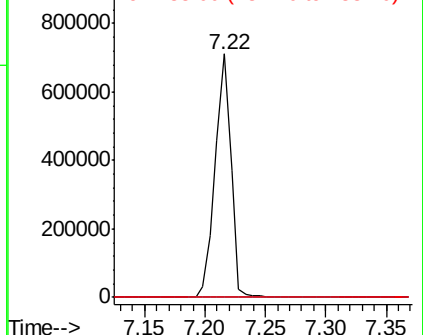
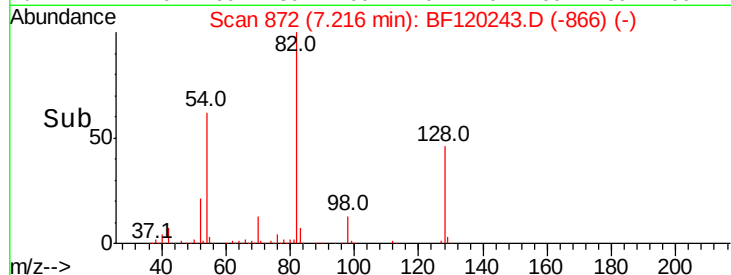
138 0.0 14.6 21.8#



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: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

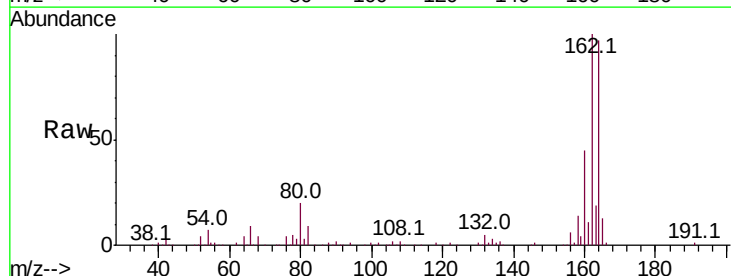
Tgt Ion:164 Resp: 191772

Ion Ratio Lower Upper

164 100

162 103.2 80.6 121.0

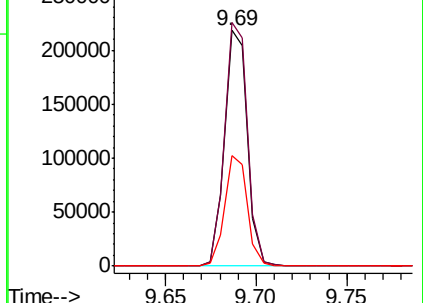
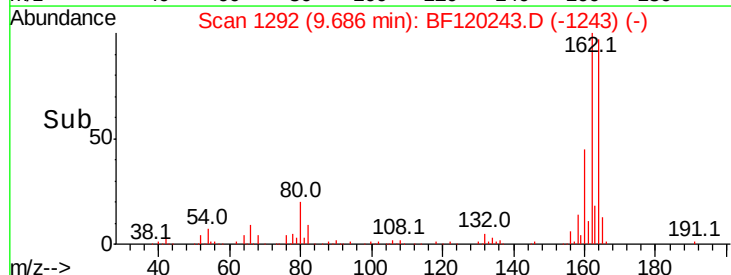
160 46.7 35.7 53.5

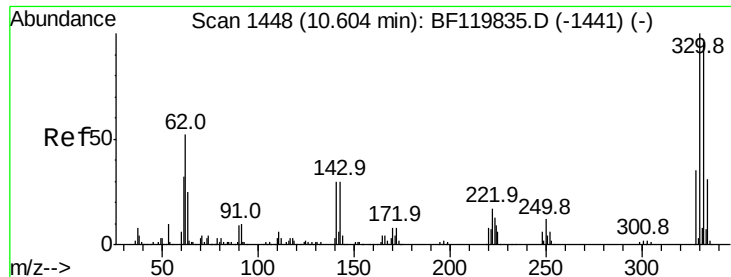


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

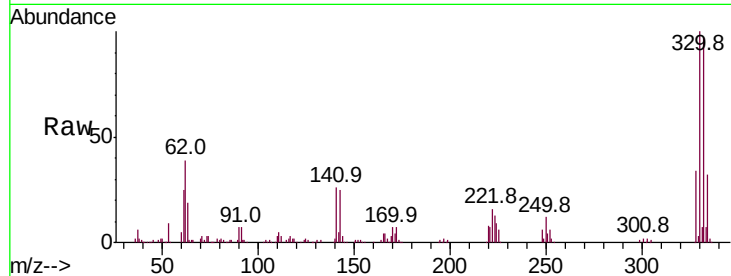




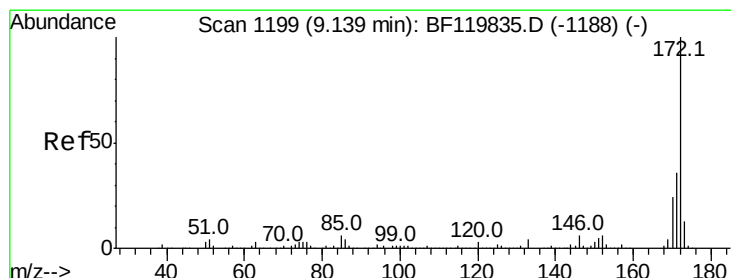
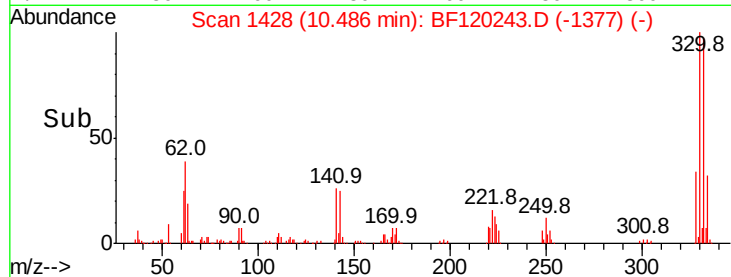
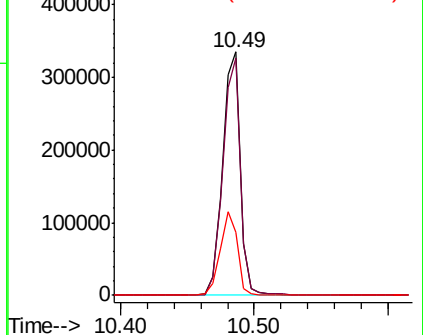
#42
 2,4,6-Tribromophenol
 Concen: 134.484 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

Instrument :
 BNA_F
 ClientSampleId :
 B-1511-B

Tot Ion:330 Resp: 315761
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.7 113.5
 141 33.6 25.4 38.0

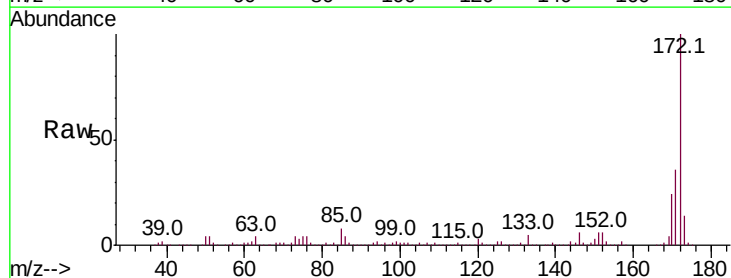


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

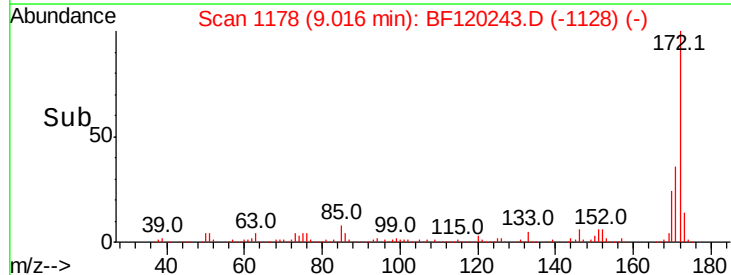
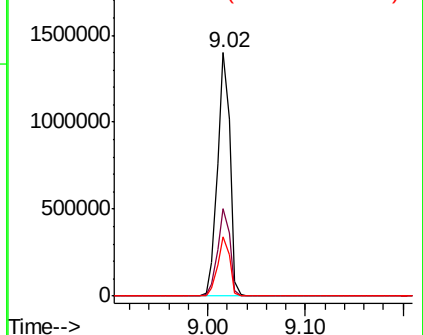


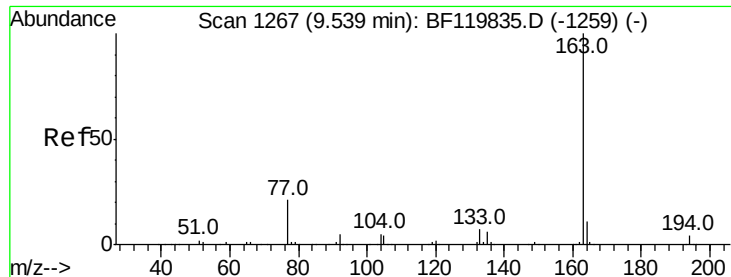
#45
 2-Fluorobiphenyl
 Concen: 91.512 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

Tgt Ion:172 Resp: 1236072
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.5 20.2 30.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.816 ng

RT: 9.41 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

Instrument :

BNA_F

ClientSampleId :

B-1511-B

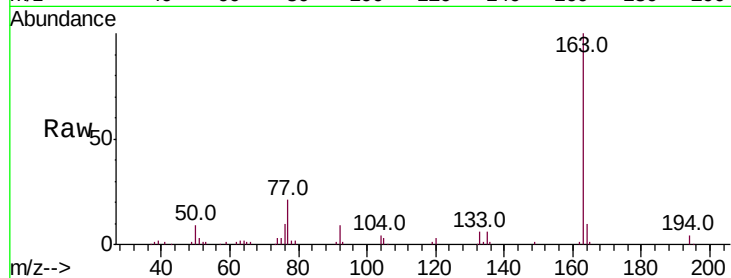
Tot Ion:163 Resp: 101106

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

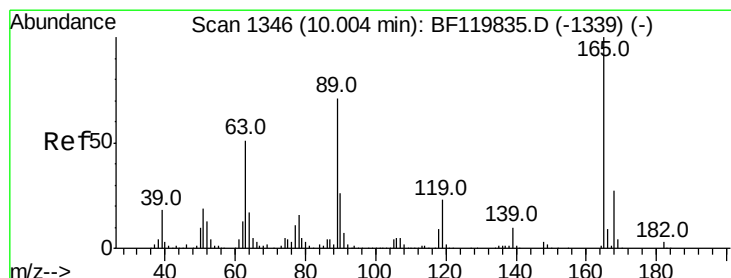
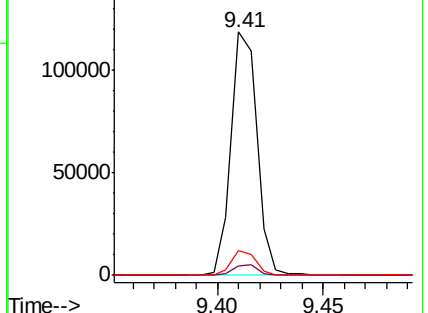
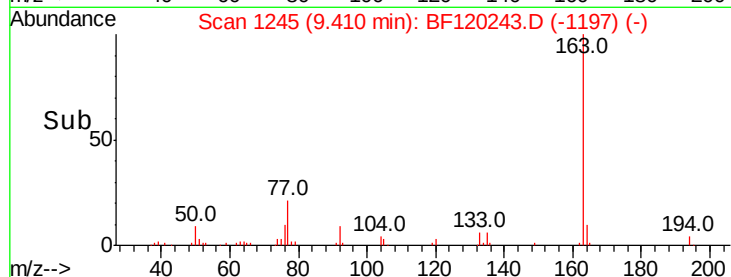
164 10.3 8.2 12.2



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: 5.721 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.21 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

Tgt Ion:165 Resp: 24483

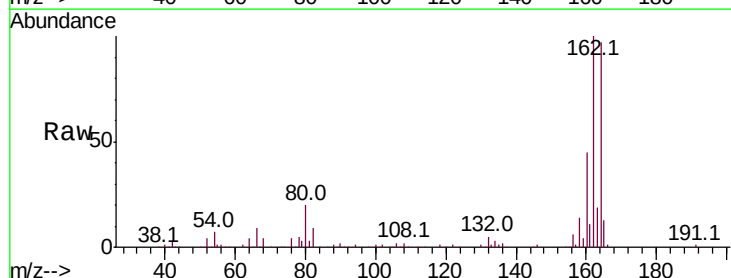
Ion Ratio Lower Upper

165 100

63 0.0 42.6 64.0#

89 1.1 61.0 91.4#

182 0.0 2.2 3.2#

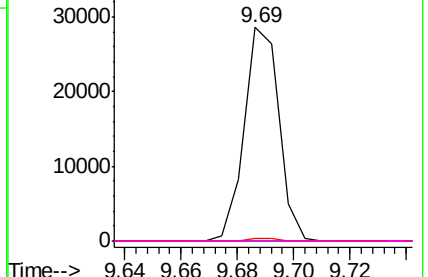
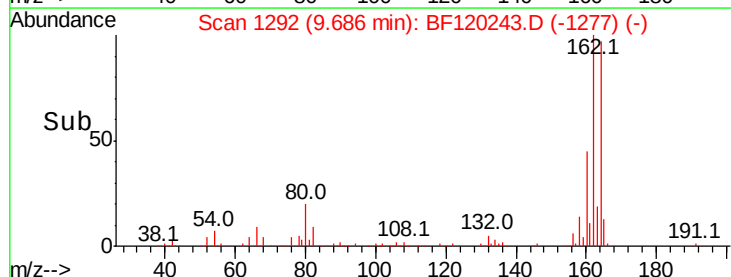


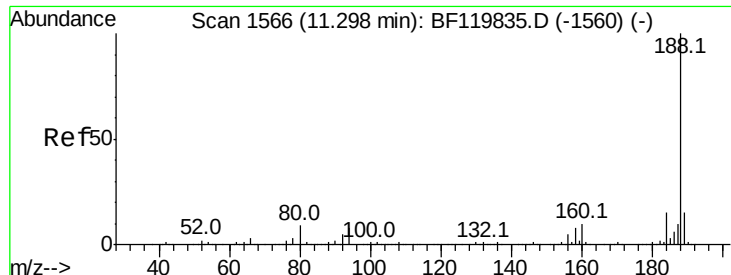
Abundance Ion 165.00 (164.70 to 165.70): E

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

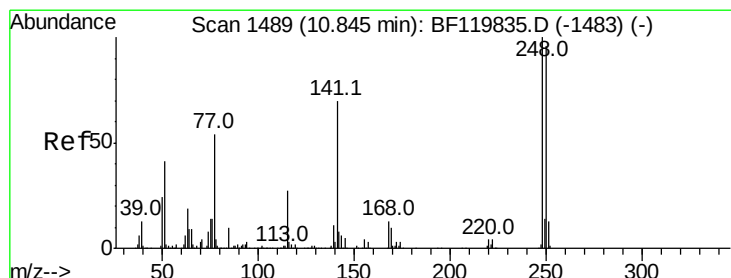
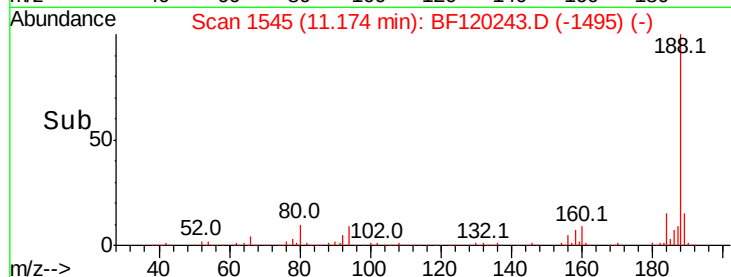
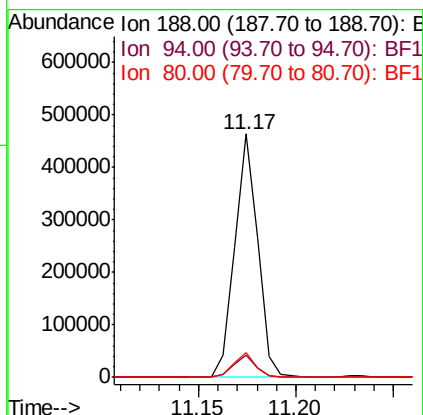
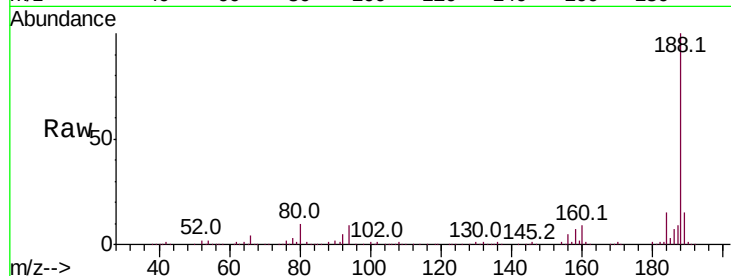




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

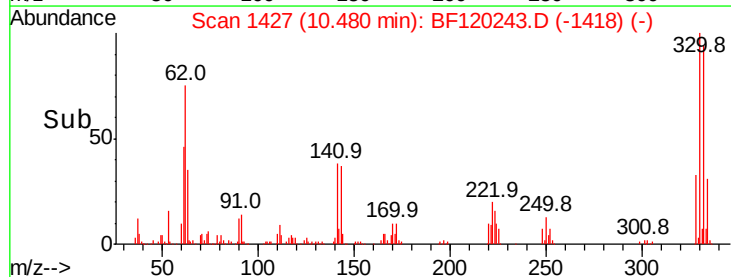
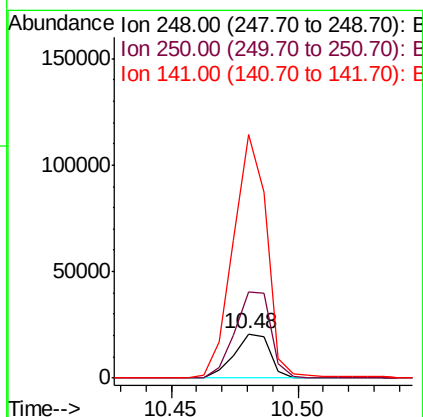
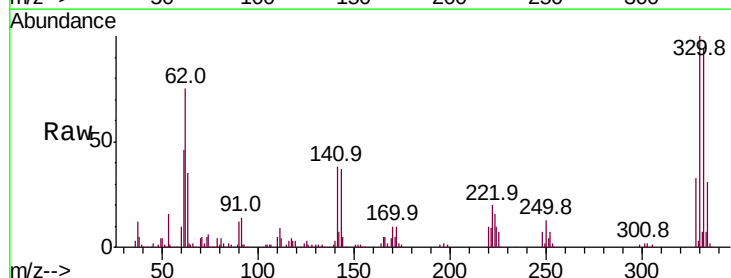
Instrument :
 BNA_F
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 B-1511-B

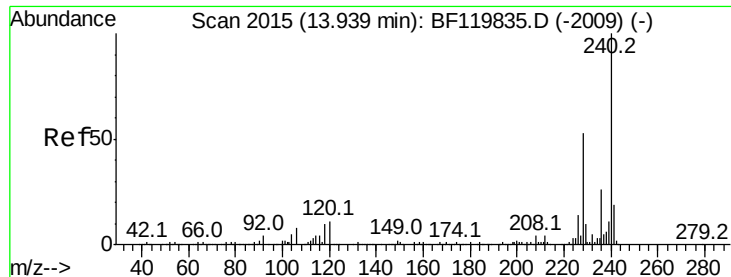
Tot Ion:188 Resp: 379956
 Ion Ratio Lower Upper
 188 100
 94 9.3 7.5 11.3
 80 10.0 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.347 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

Tgt Ion:248 Resp: 20541
 Ion Ratio Lower Upper
 248 100
 250 197.3 77.3 115.9#
 141 554.5 58.6 87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

Instrument :

BNA_F

ClientSampleId :

B-1511-B

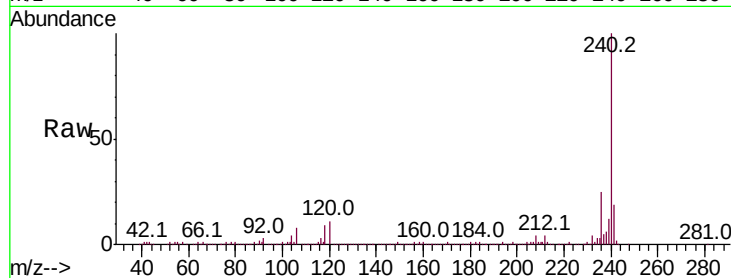
Tot Ion:240 Resp: 333716

Ion Ratio Lower Upper

240 100

120 11.4 10.6 15.8

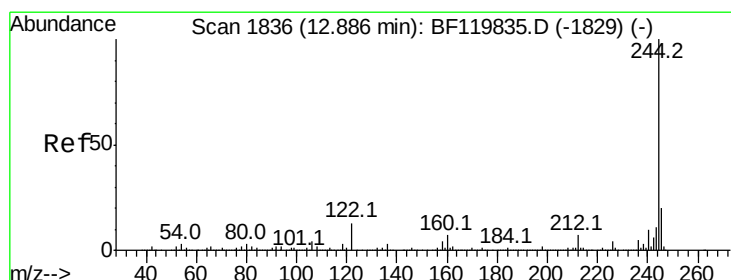
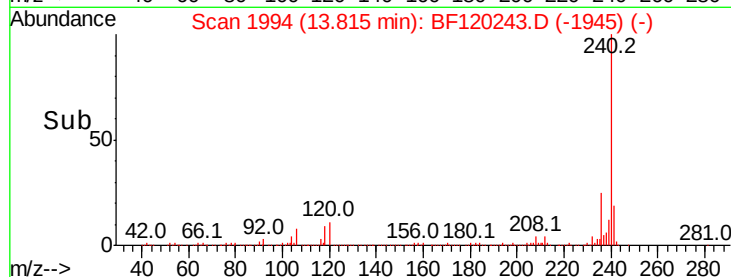
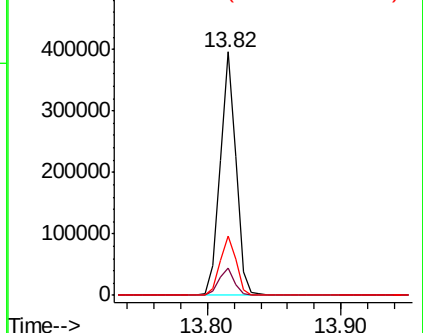
236 24.5 20.2 30.2



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: 85.059 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120243.D

Acq: 30 Apr 2020 17:00

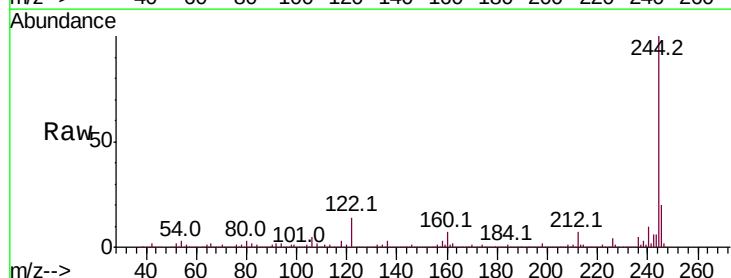
Tgt Ion:244 Resp: 1686959

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

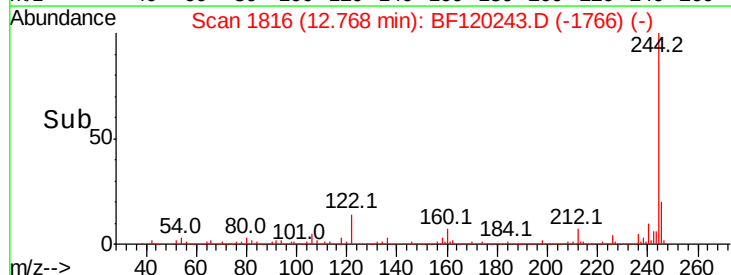
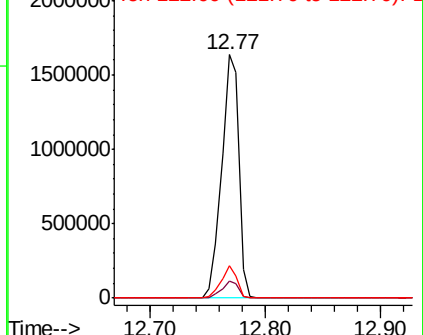
122 13.6 10.3 15.5

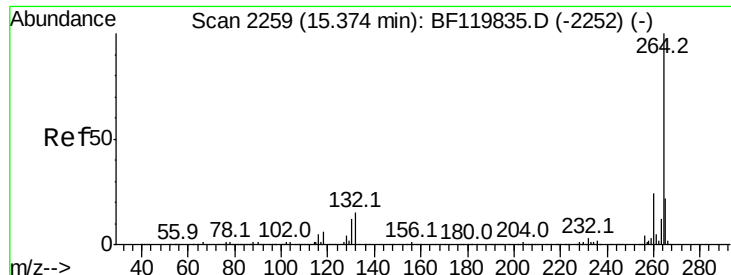


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

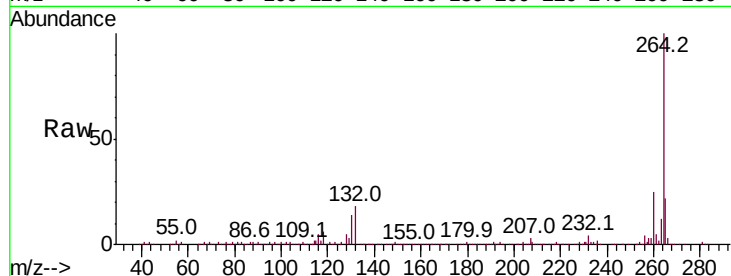




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120243.D
 Acq: 30 Apr 2020 17:00

Instrument :
 BNA_F
 ClientSampleId :
 B-1511-B

Tot Ion:264	Resp:	322499
Ion	Ratio	Lower Upper
264	100	
260	24.9	18.7 28.1
265	21.8	17.7 26.5



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

