

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120246.D
 Acq On : 30 Apr 2020 18:23
 Operator : MA/SJ
 Sample : L2445-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-1511-T

Quant Time: Apr 30 19:03:48 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

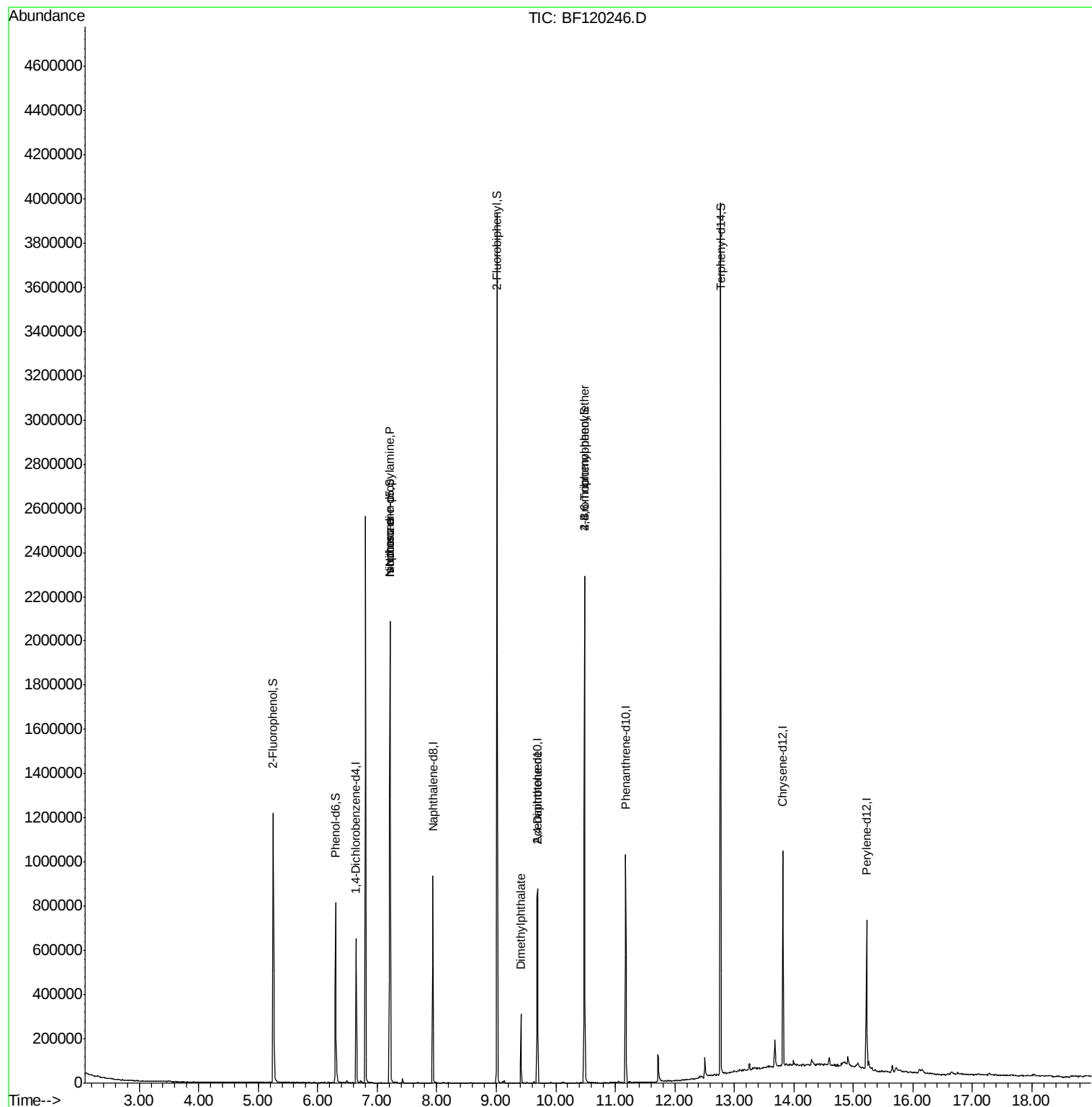
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	94000	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	358334	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	177838	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	360807	20.00	ng	0.00
76) Chrysene-d12	13.82	240	310661	20.00	ng	-0.01
87) Perylene-d12	15.22	264	291512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	341692	62.82	ng	0.00
7) Phenol-d6	6.30	99	259810	37.07	ng	-0.01
23) Nitrobenzene-d5	7.22	82	609429	87.98	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	275517	126.54	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1108977	88.54	ng	0.00
79) Terphenyl-d14	12.77	244	1531241	82.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.22	70	78632	17.447	ng	# 78
25) Isophorone	7.22	82	609423	45.642	ng	# 65
50) Dimethylphthalate	9.42	163	127751	9.287	ng	98
57) 2,4-Dinitrotoluene	9.69	165	22362	5.635	ng	# 20
67) 4-Bromophenyl-phenylether	10.49	248	17554	3.912	ng	# 1

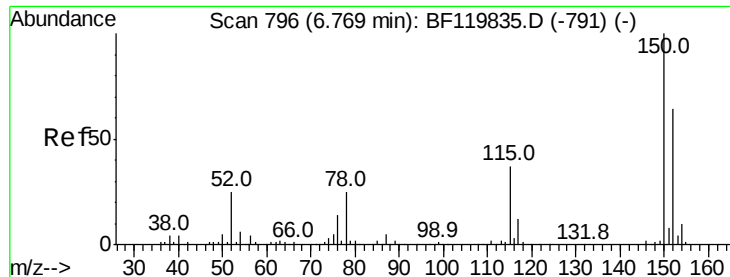
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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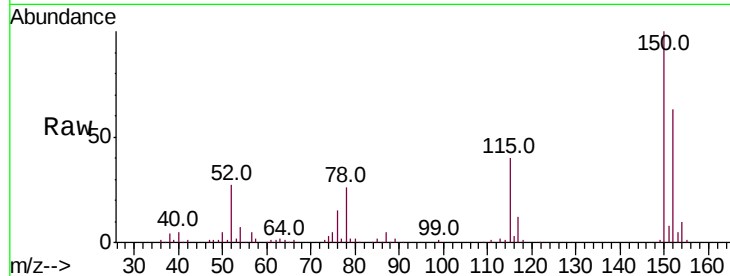


#1

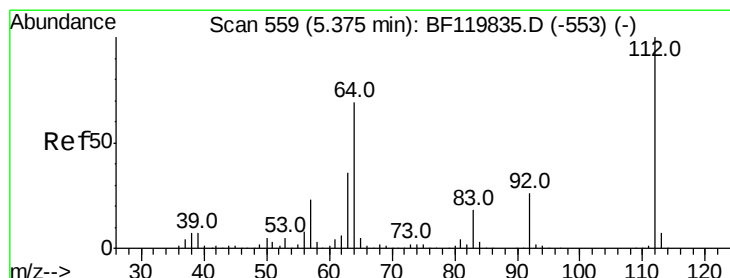
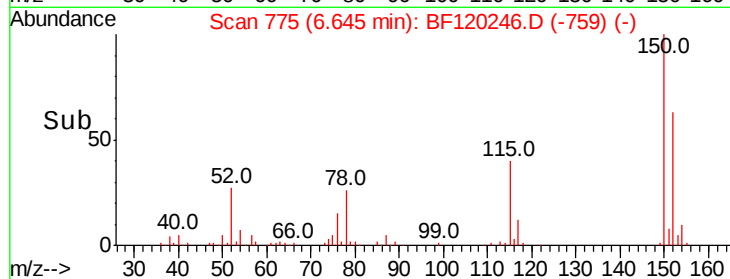
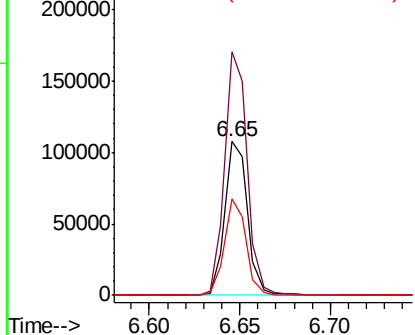
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120246.D
Acq: 30 Apr 2020 18:23

Instrument :
BNA_F
ClientSampleId :
B-1511-T

Tot Ion:152 Resp: 94000
Ion Ratio Lower Upper
152 100
150 158.1 124.5 186.7
115 63.0 49.6 74.4



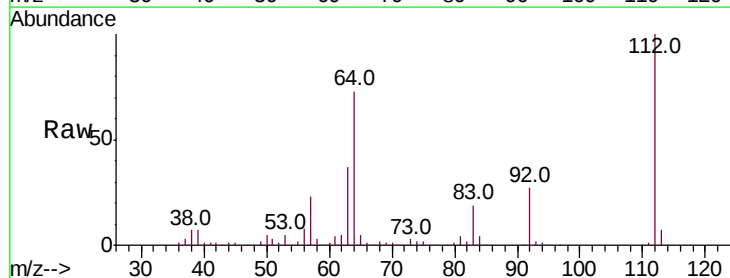
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



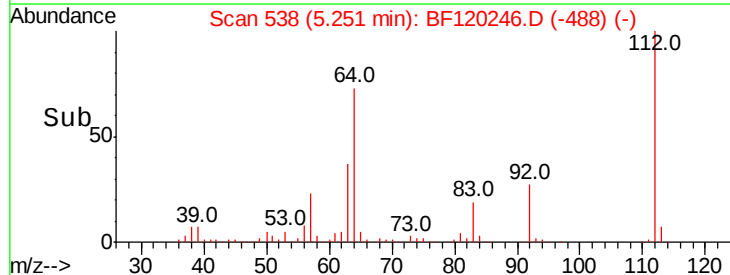
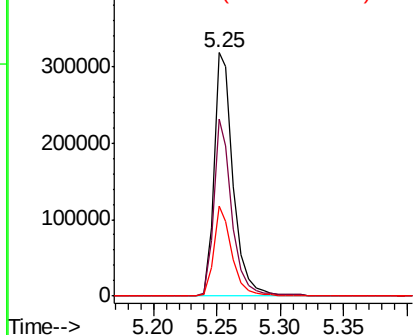
#5

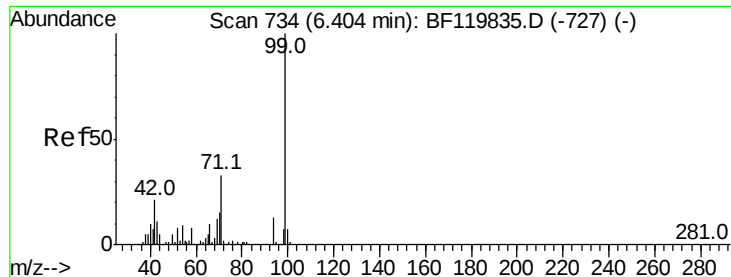
2-Fluorophenol
Concen: 62.820 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF120246.D
Acq: 30 Apr 2020 18:23

Tgt Ion:112 Resp: 341692
Ion Ratio Lower Upper
112 100
64 72.8 56.7 85.1
63 36.9 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: 37.070 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120246.D

Acq: 30 Apr 2020 18:23

Instrument :

BNA_F

ClientSampleId :

B-1511-T

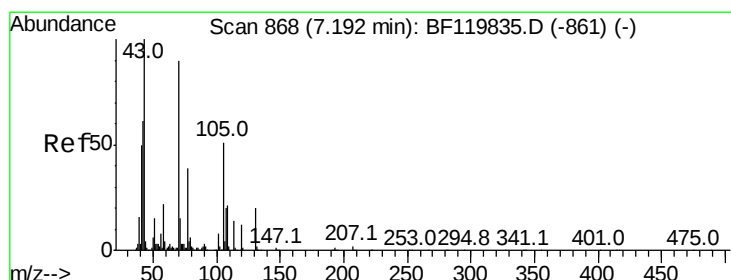
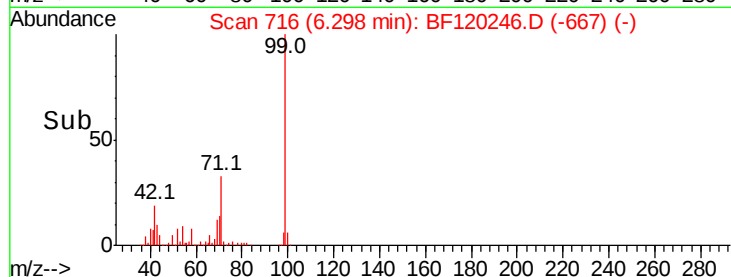
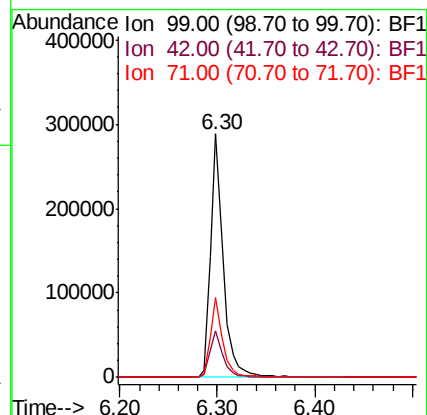
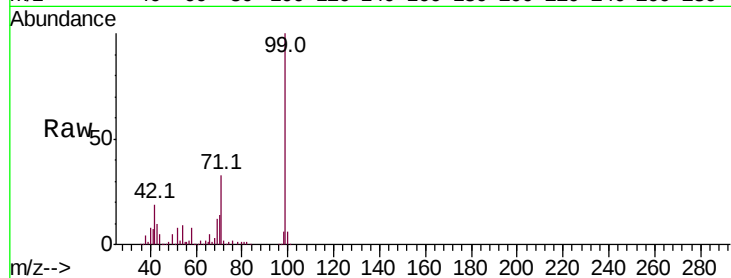
Tot Ion: 99 Resp: 259810

Ion Ratio Lower Upper

99 100

42 19.2 16.6 24.8

71 32.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.447 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120246.D

Acq: 30 Apr 2020 18:23

Tgt Ion: 70 Resp: 78632

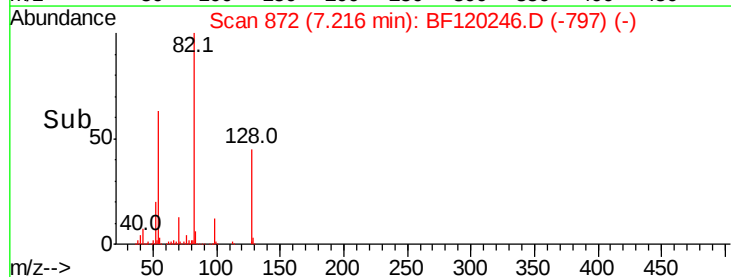
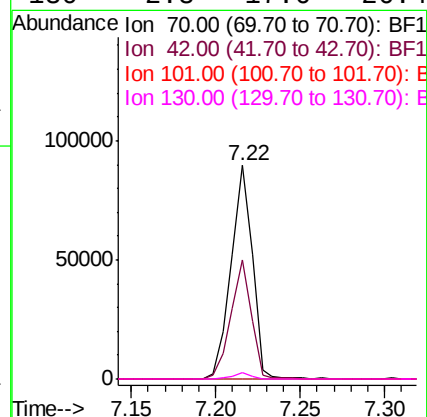
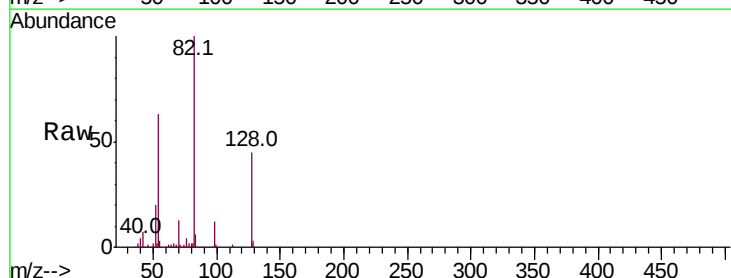
Ion Ratio Lower Upper

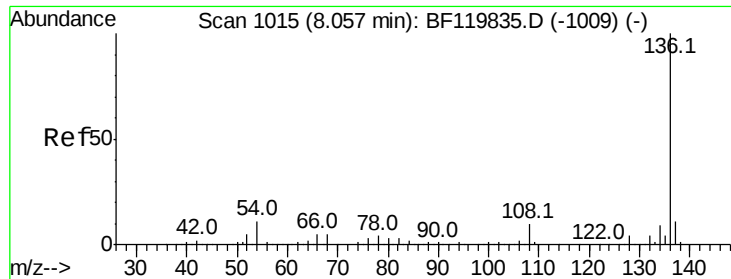
70 100

42 55.6 54.5 81.7

101 0.0 7.6 11.4#

130 2.8 17.6 26.4#

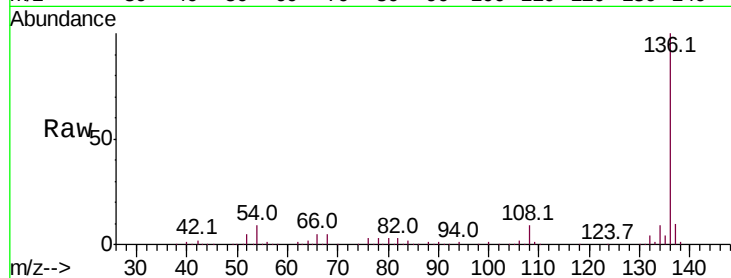




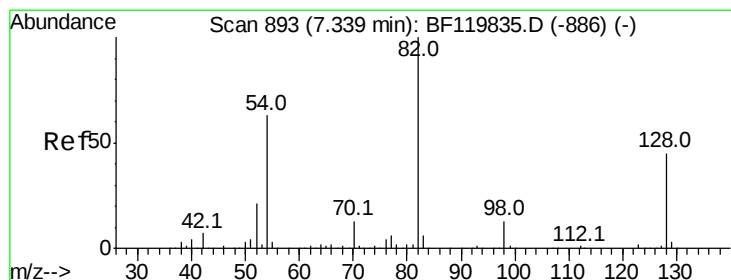
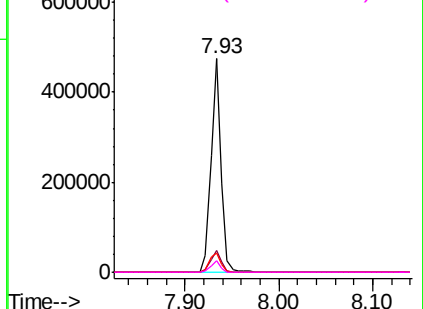
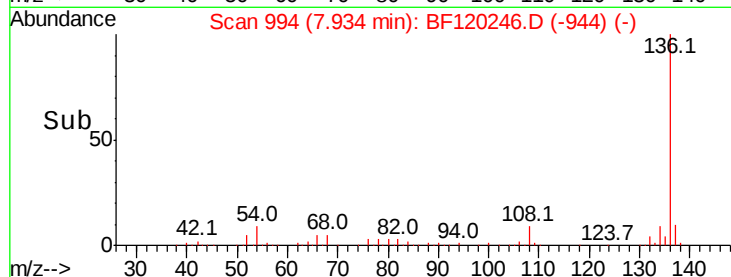
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120246.D
Acq: 30 Apr 2020 18:23

Instrument :
BNA_F
ClientSampleId :
B-1511-T

Tot Ion:	136	Resp:	358334
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.7	13.1
54	9.2	9.1	13.7
68	5.4	4.6	6.8

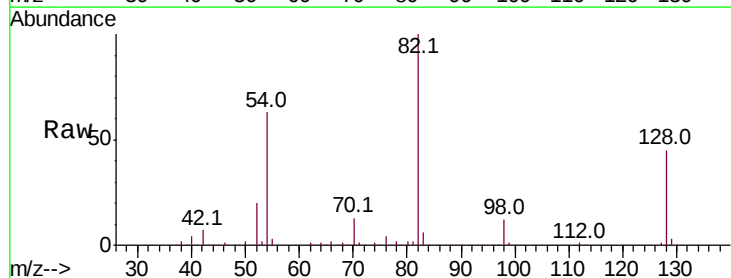


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

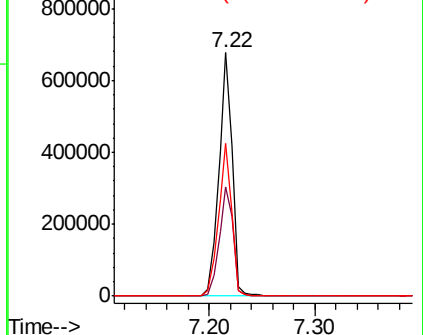
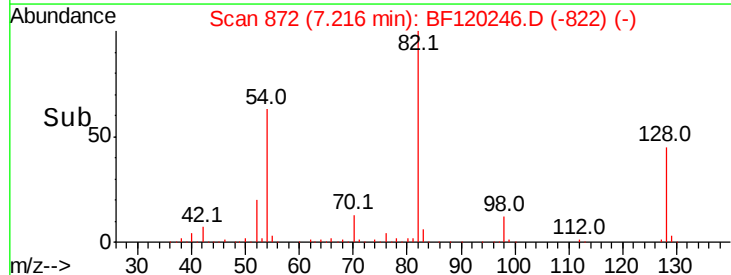


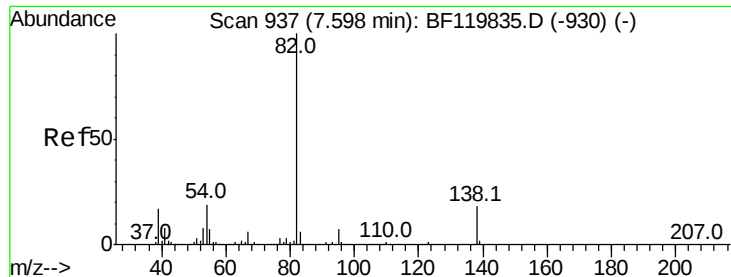
#23
Nitrobenzene-d5
Concen: 87.985 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120246.D
Acq: 30 Apr 2020 18:23

Tgt Ion:	82	Resp:	609429
Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.3	54.5
54	63.0	50.6	75.8



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: 45.642 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120246.D

Acq: 30 Apr 2020 18:23

Instrument :

BNA_F

ClientSampleId :

B-1511-T

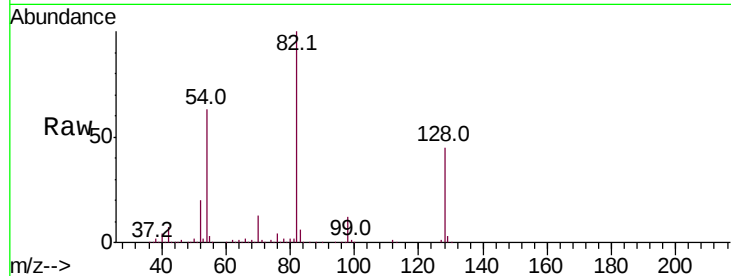
Tot Ion: 82 Resp: 609423

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

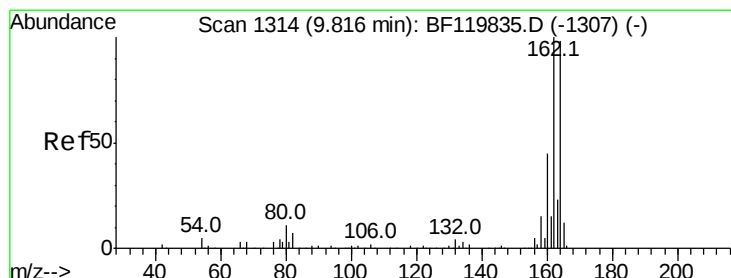
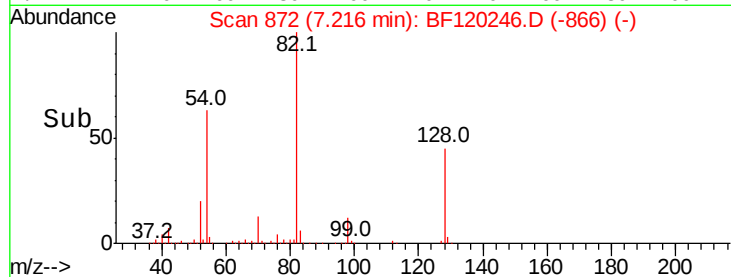
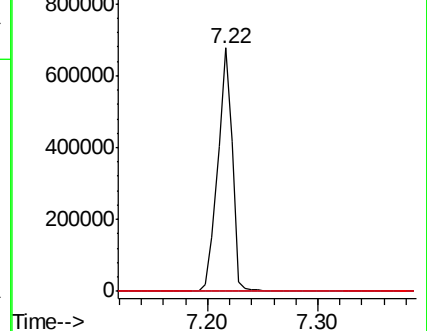
138 0.0 14.6 21.8#



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# 1293

Delta R.T. -0.01 min

Lab File: BF120246.D

Acq: 30 Apr 2020 18:23

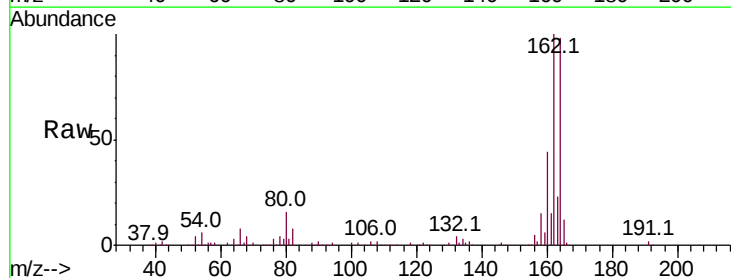
Tgt Ion:164 Resp: 177838

Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

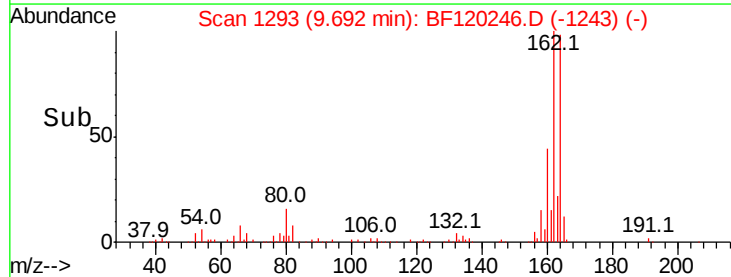
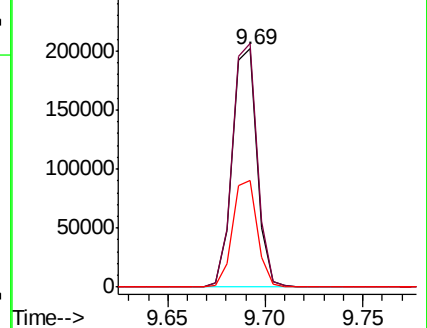
160 44.5 35.7 53.5

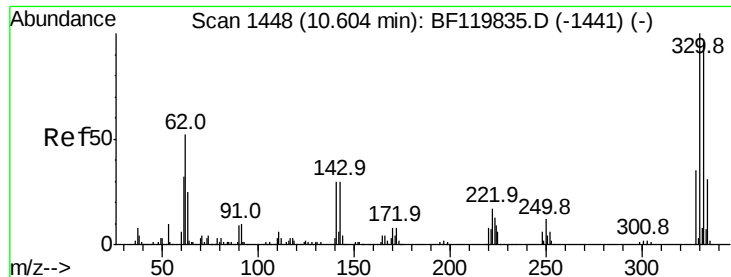


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

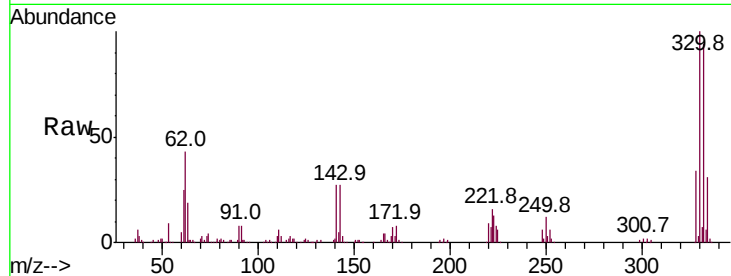




#42
 2,4,6-Tribromophenol
 Concen: 126.538 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 B-1511-T

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	34.6	25.4	38.0

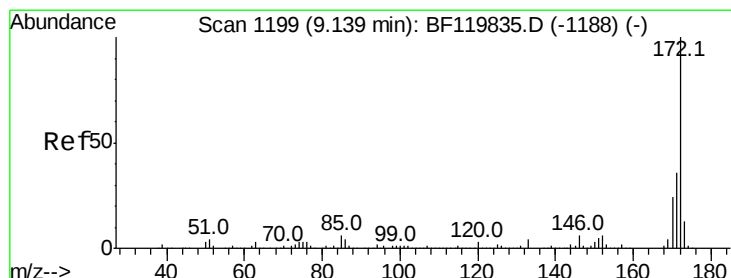
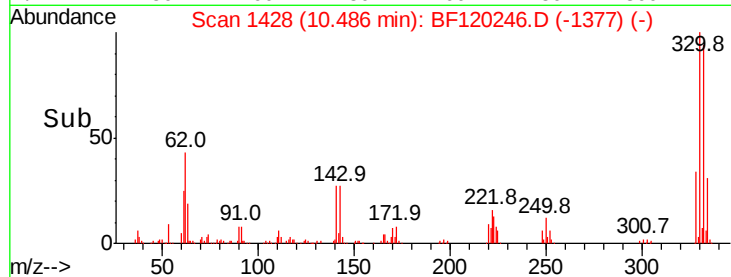
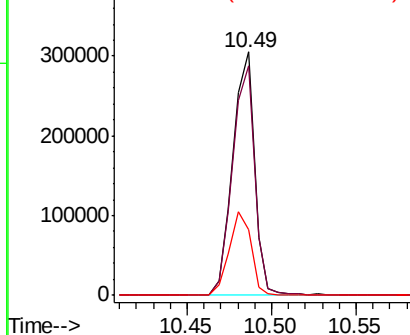


Abundance

Ion 329.80 (329.50 to 330.50): E

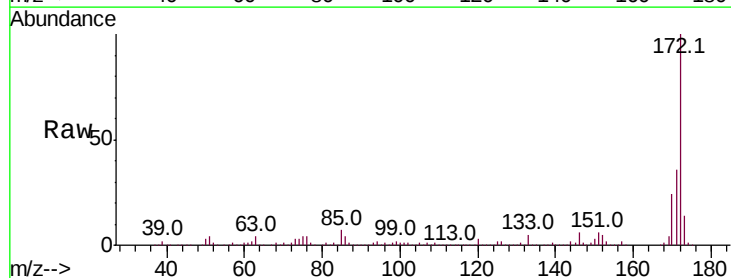
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 88.536 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.2	20.2	30.2

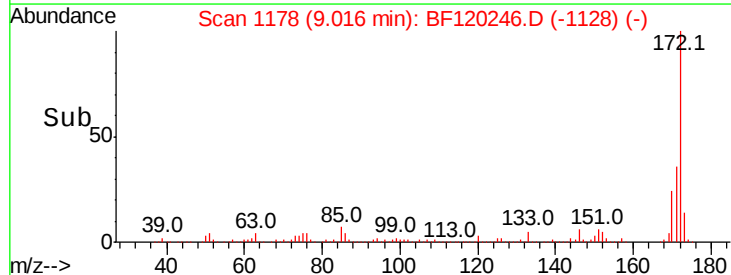
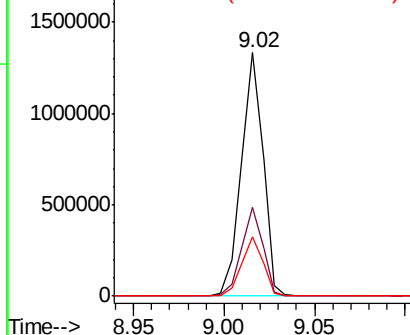


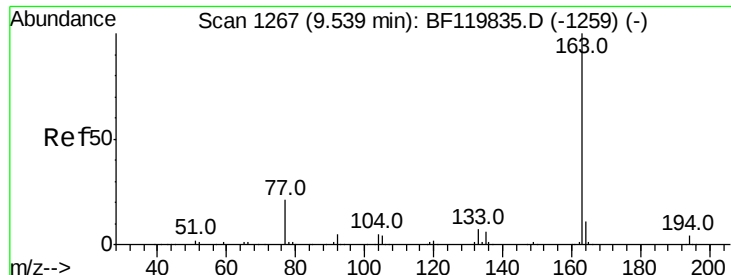
Abundance

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: 9.287 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF120246.D

Acq: 30 Apr 2020 18:23

Instrument :

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ClientSampleId :

B-1511-T

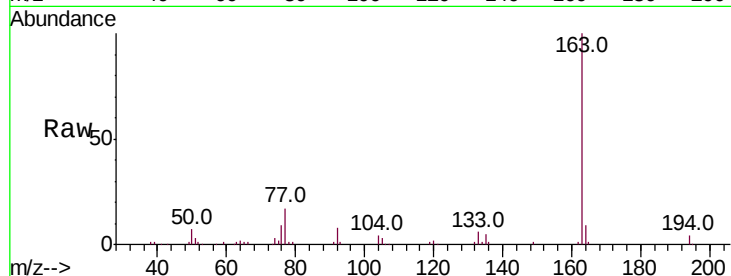
Tot Ion:163 Resp: 127751

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

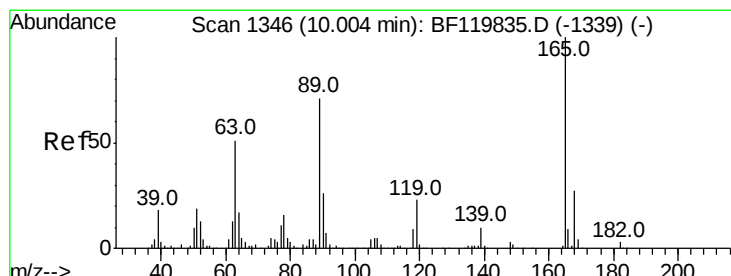
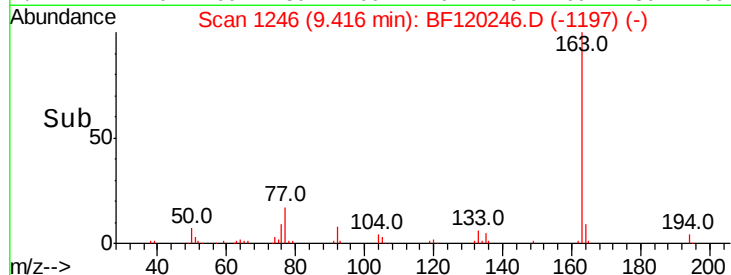
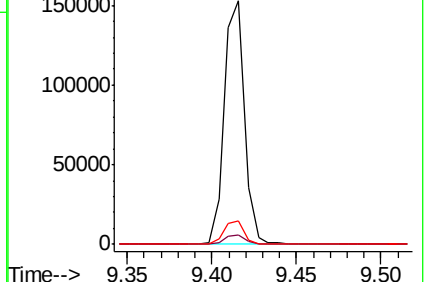
164 9.5 8.2 12.2



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: 5.635 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.21 min

Lab File: BF120246.D

Acq: 30 Apr 2020 18:23

Tgt Ion:165 Resp: 22362

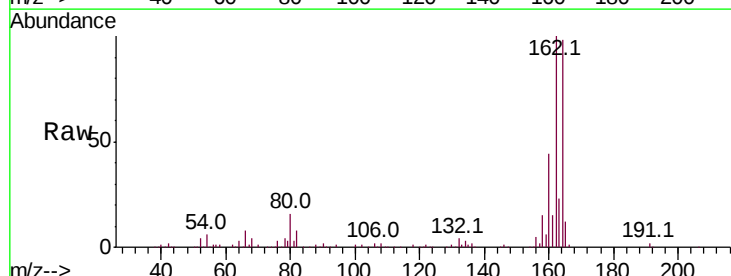
Ion Ratio Lower Upper

165 100

63 1.5 42.6 64.0#

89 1.7 61.0 91.4#

182 0.0 2.2 3.2#

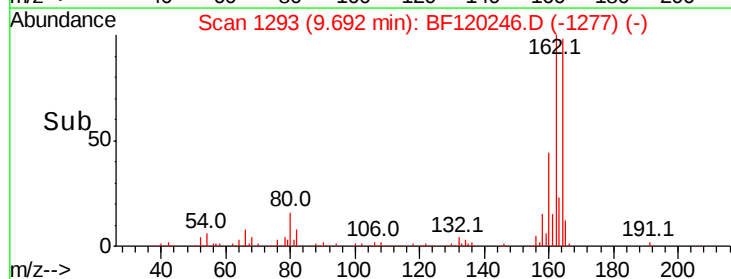
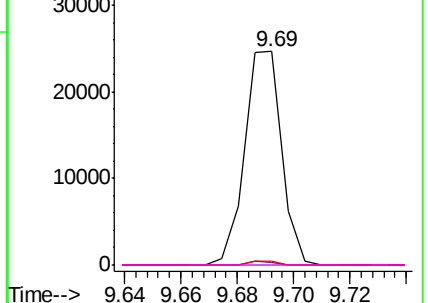


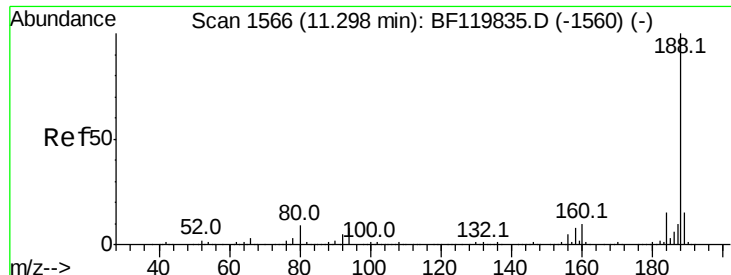
Abundance Ion 165.00 (164.70 to 165.70): E

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

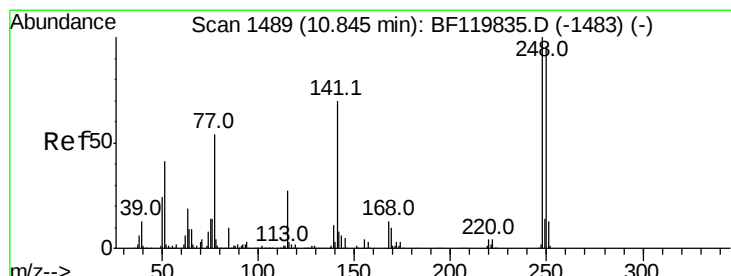
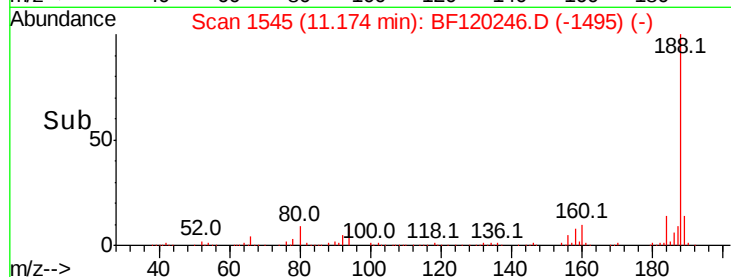
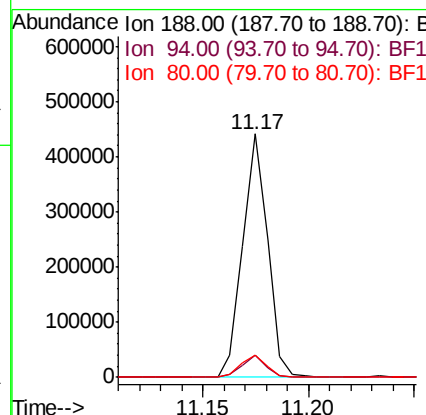
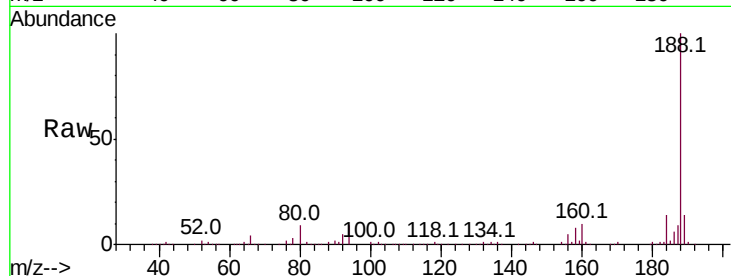




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

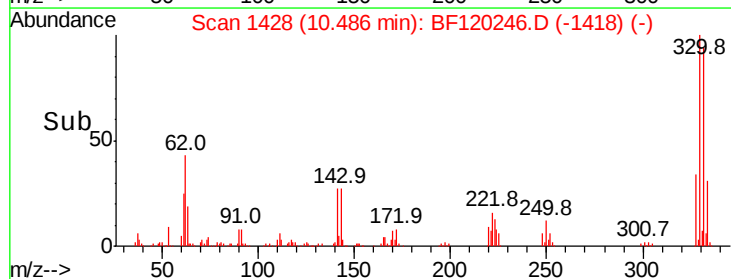
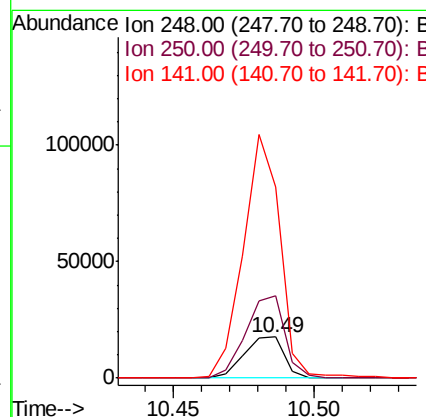
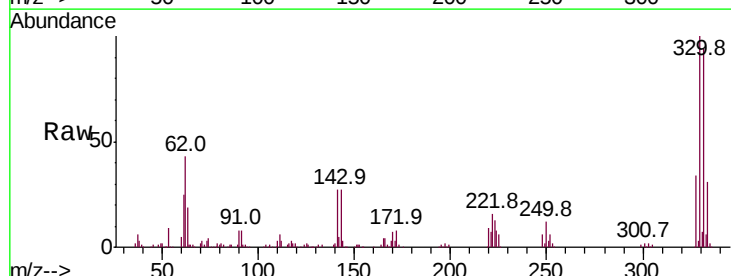
Instrument :
 BNA_F
 ClientSampleId :
 B-1511-T

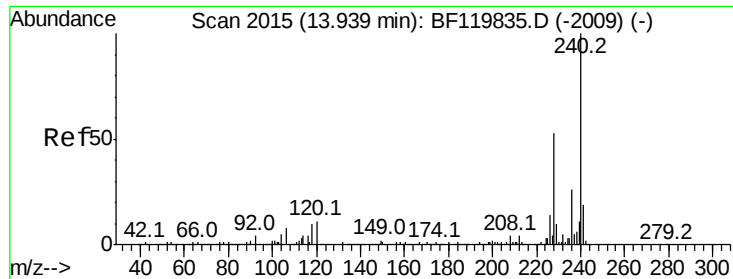
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.2	9.0	13.4



#67
 4-Bromophenyl-phenylether
 Concen: 3.912 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

Tgt Ion	Ratio	Lower	Upper
248	100		
250	200.1	77.3	115.9#
141	467.0	58.6	87.8#

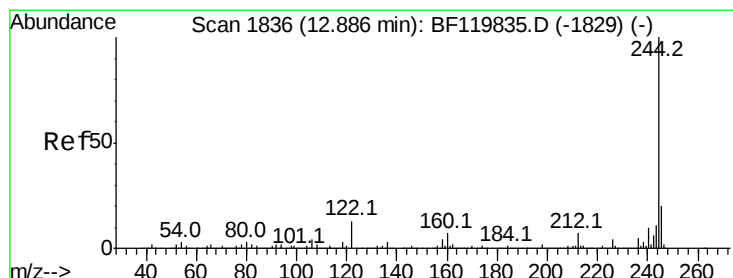
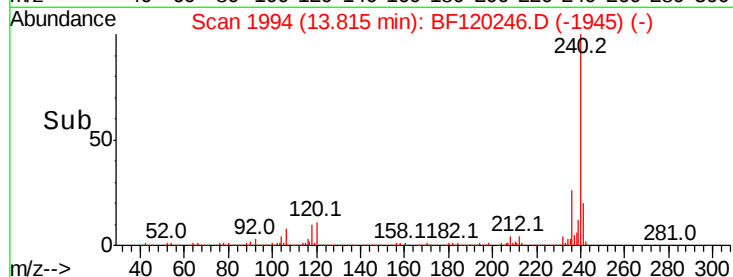
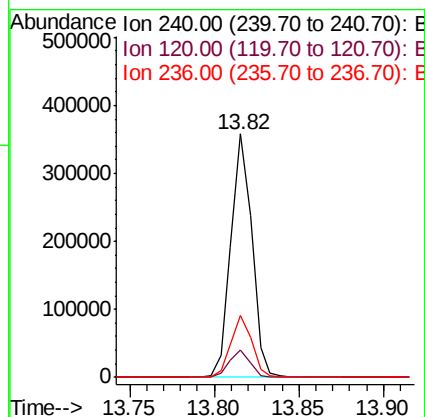
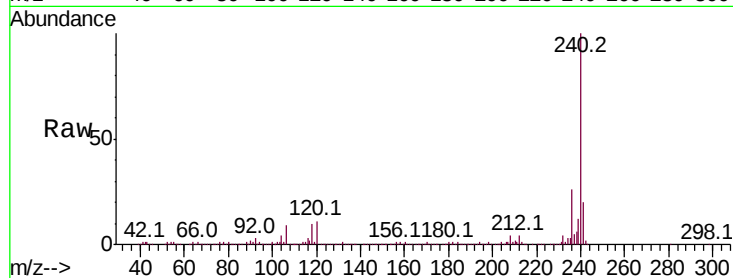




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

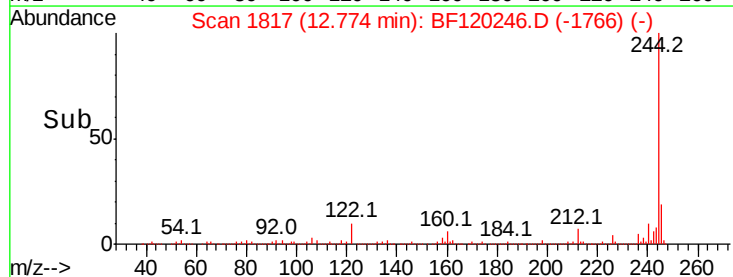
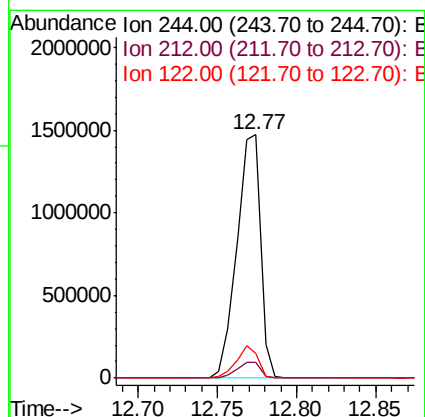
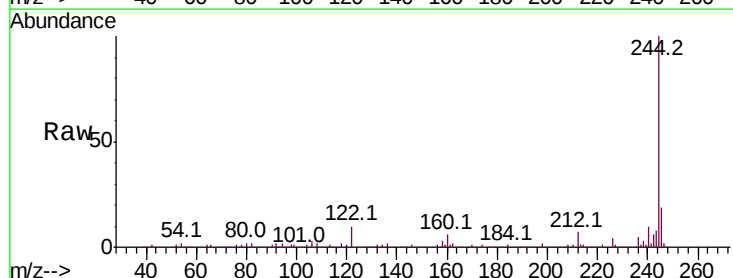
Instrument :
 BNA_F
 ClientSampleId :
 B-1511-T

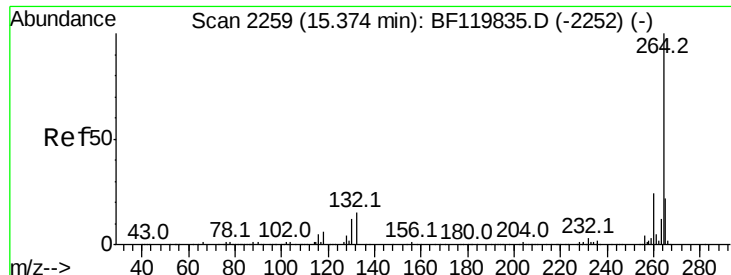
Tot Ion:240 Resp: 310661
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 15.8
 236 25.6 20.2 30.2



#79
 Terphenyl-d14
 Concen: 82.938 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

Tgt Ion:244 Resp: 1531241
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.0 10.3 15.5#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120246.D
 Acq: 30 Apr 2020 18:23

Instrument :
 BNA_F
 ClientSampleId :
 B-1511-T

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.0	17.7	26.5

