

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120249.D
 Acq On : 30 Apr 2020 19:45
 Operator : MA/SJ
 Sample : L2452-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 00:43:43 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

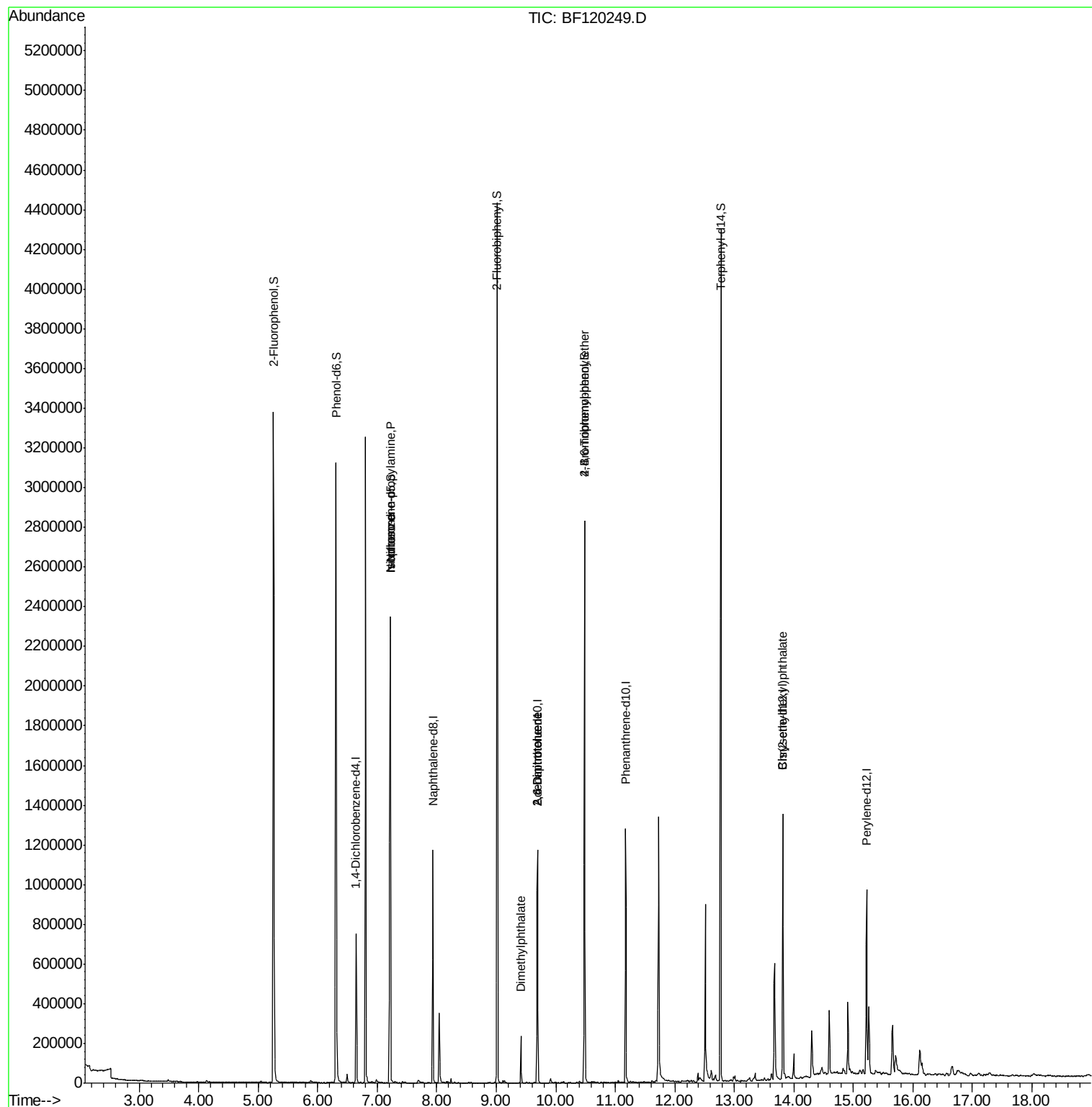
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	116793	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	445614	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	223769	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	444404	20.00	ng	0.00
76) Chrysene-d12	13.82	240	383223	20.00	ng	-0.01
87) Perylene-d12	15.22	264	381849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	898876	133.01	ng	0.00
7) Phenol-d6	6.31	99	1204759	138.35	ng	0.00
23) Nitrobenzene-d5	7.22	82	756719	87.85	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	326021	119.00	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1433632	90.96	ng	0.00
79) Terphenyl-d14	12.77	244	1670103	73.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	1635	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	97914	17.485	ng	# 1
25) Isophorone	7.22	82	756709	45.572	ng	# 75
50) Dimethylphthalate	9.42	163	94536	5.462	ng	# 65
51) 2,6-Dinitrotoluene	9.69	165	27911	7.364	ng	# 98
57) 2,4-Dinitrotoluene	9.69	165	27911	5.589	ng	# 27
67) 4-Bromophenyl-phenylether	10.49	248	20113	3.639	ng	# 20
84) Bis(2-ethylhexyl)phthalate	13.81	149	69545	3.276	ng	# 1
						99

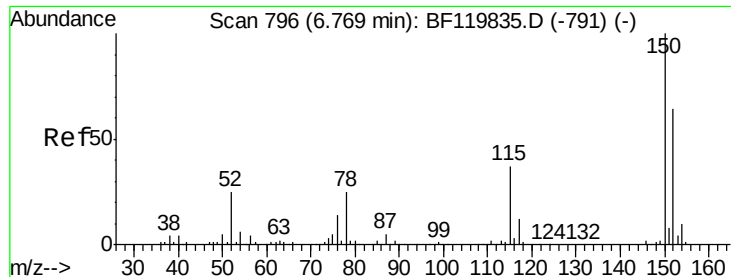
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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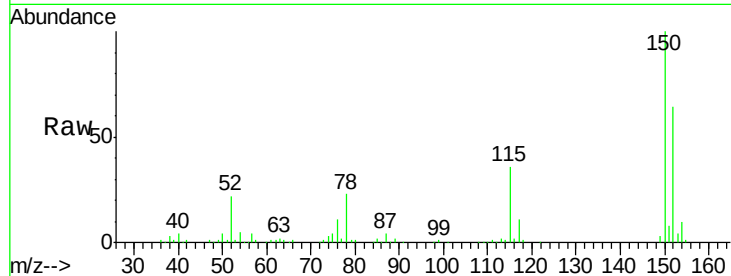


#1

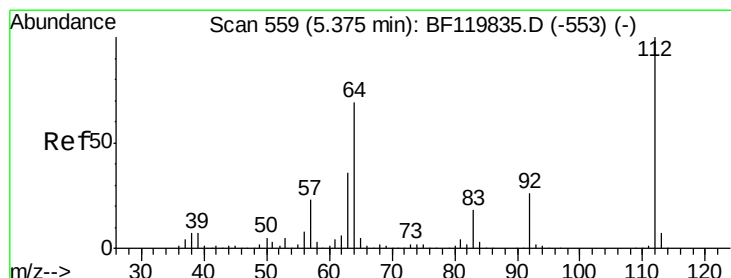
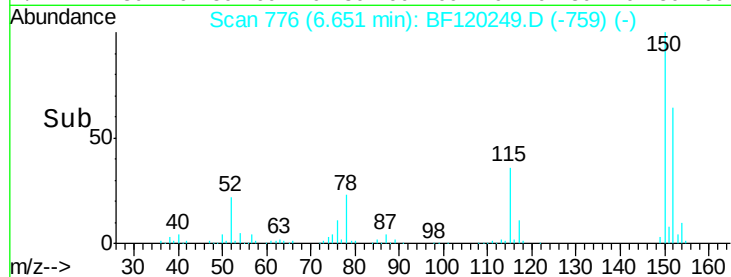
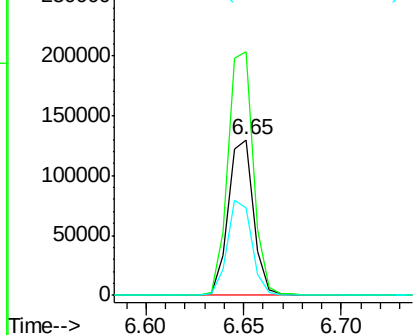
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF120249.D
Acq: 30 Apr 2020 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 116793
Ion Ratio Lower Upper
152 100
150 156.2 124.5 186.7
115 55.9 49.6 74.4



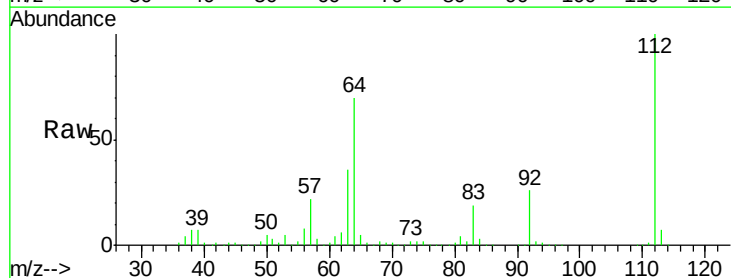
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



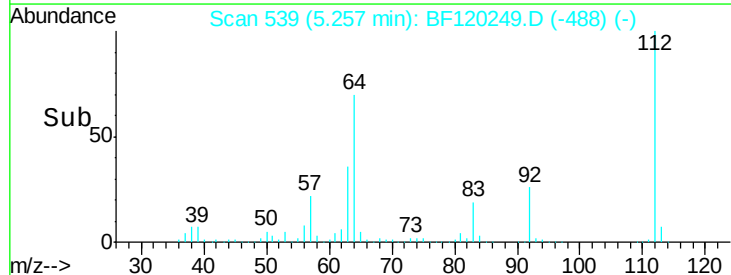
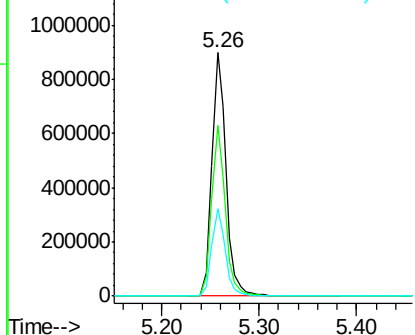
#5

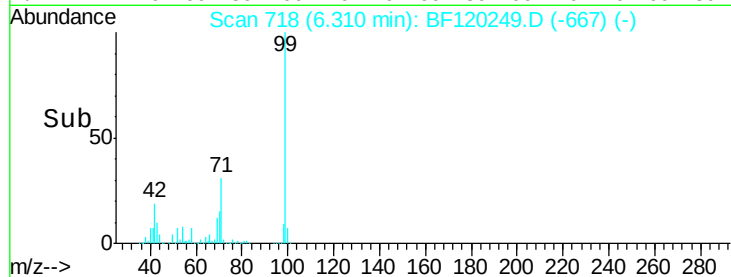
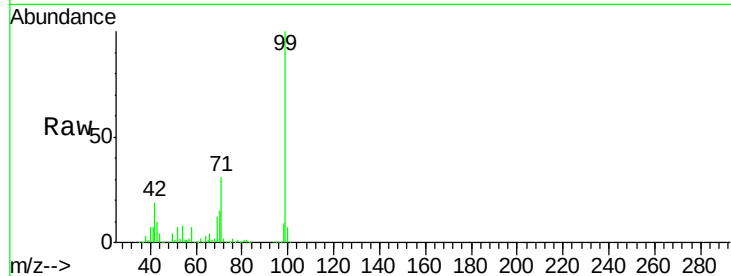
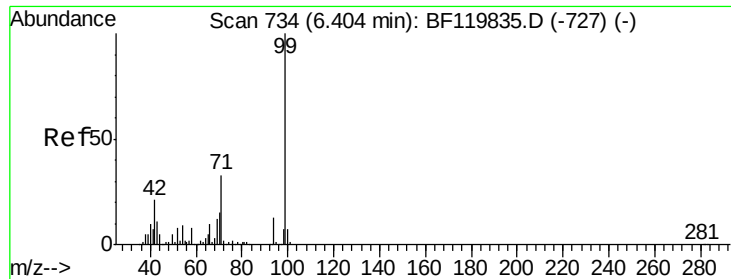
2-Fluorophenol
Concen: 133.006 ng
RT: 5.26 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF120249.D
Acq: 30 Apr 2020 19:45

Tgt Ion:112 Resp: 898876
Ion Ratio Lower Upper
112 100
64 70.0 56.7 85.1
63 35.7 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: 138.348 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

Instrument :

BNA_F

ClientSampleId :

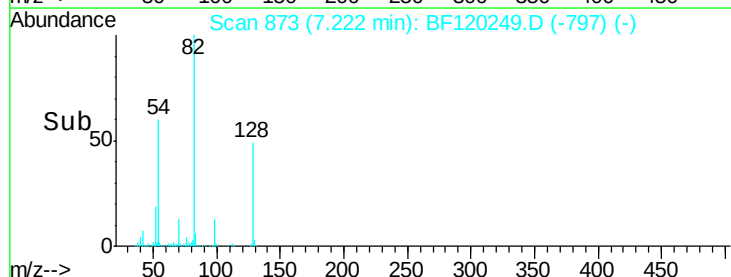
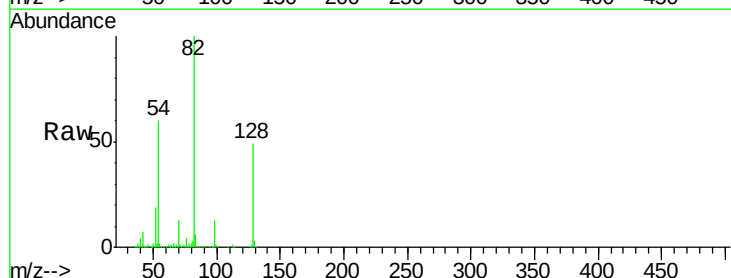
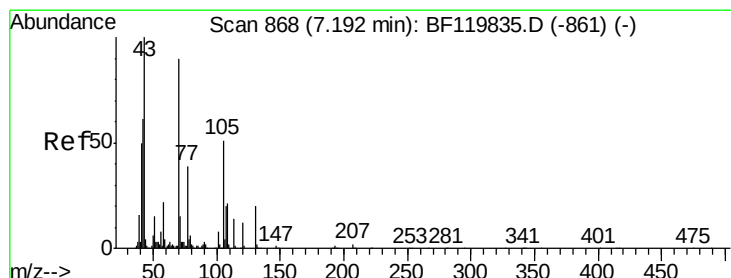
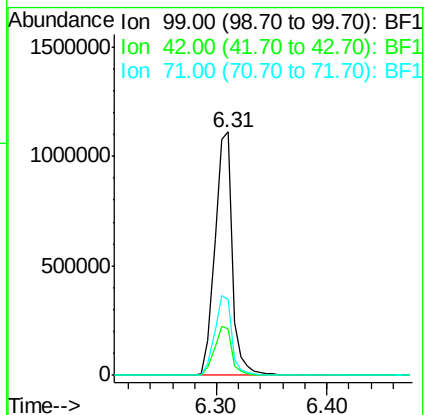
Tot Ion: 99 Resp: 1204759

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 31.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.485 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.15 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

Tgt Ion: 70 Resp: 97914

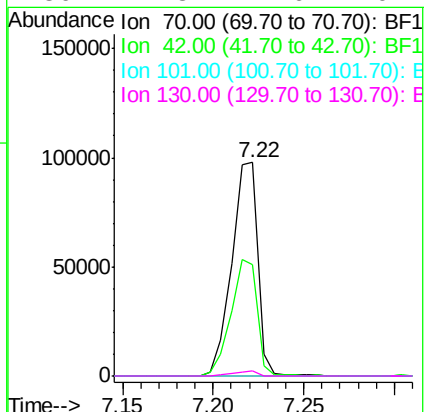
Ion Ratio Lower Upper

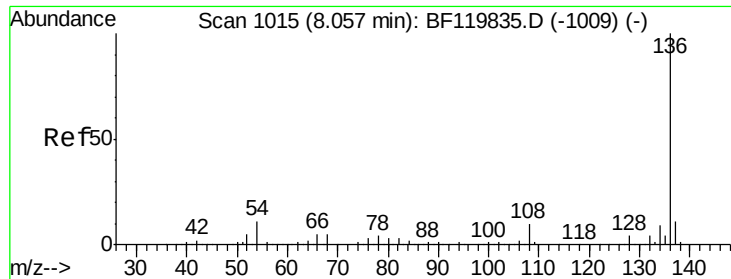
70 100

42 51.9 54.5 81.7#

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

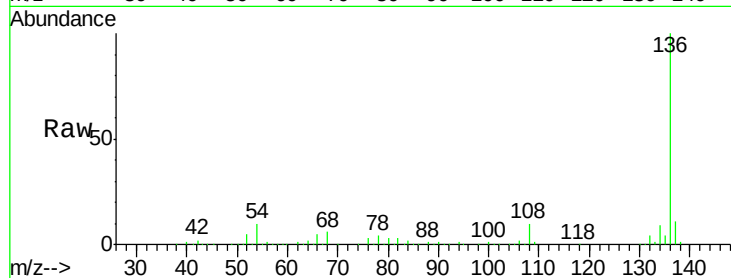




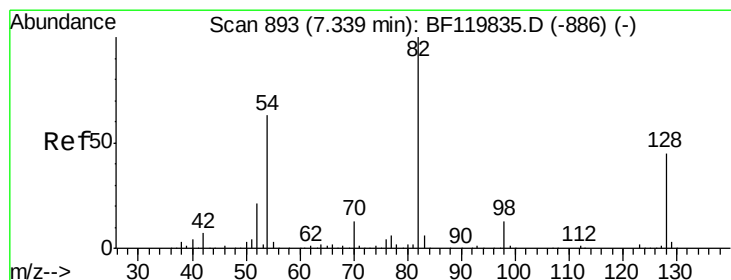
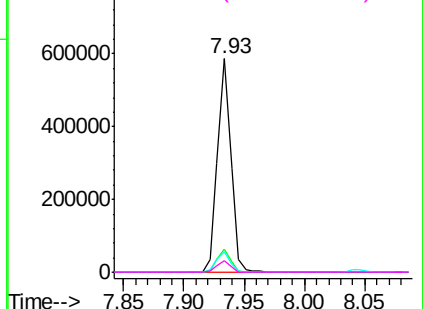
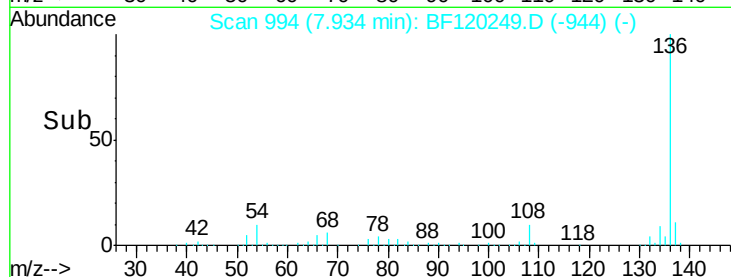
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120249.D
Acq: 30 Apr 2020 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	445614
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.7 13.1
54	9.9	9.1 13.7
68	5.5	4.6 6.8

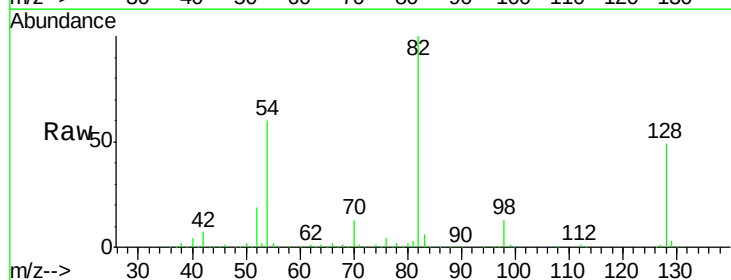


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

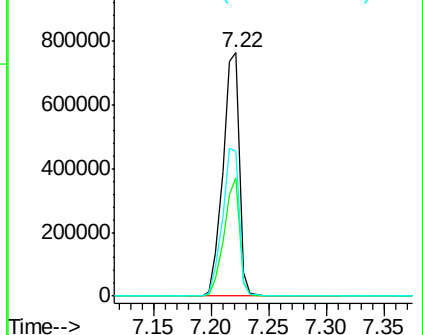
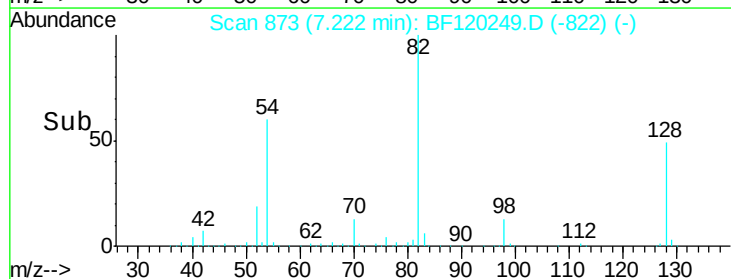


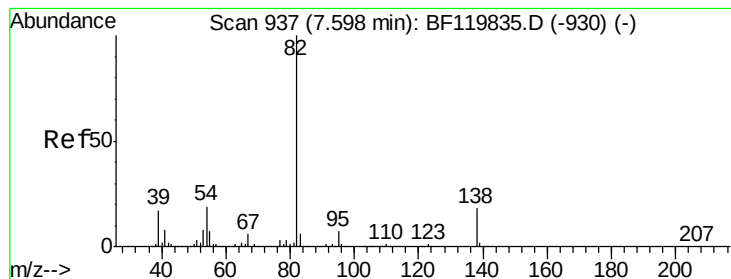
#23
Nitrobenzene-d5
Concen: 87.851 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF120249.D
Acq: 30 Apr 2020 19:45

Tgt Ion: 82	Resp:	756719
Ion	Ratio	Lower Upper
82	100	
128	48.5	36.3 54.5
54	59.7	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: 45.572 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.26 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

Instrument :

BNA_F

ClientSampleId :

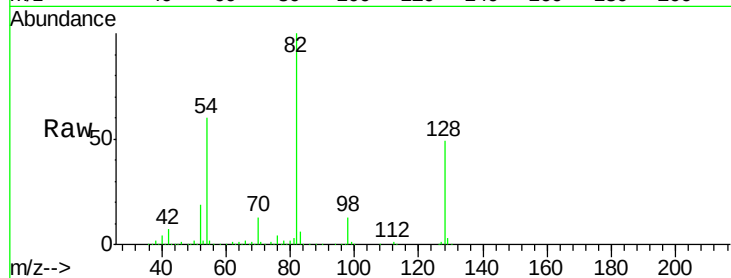
Tot Ion: 82 Resp: 756709

Ion Ratio Lower Upper

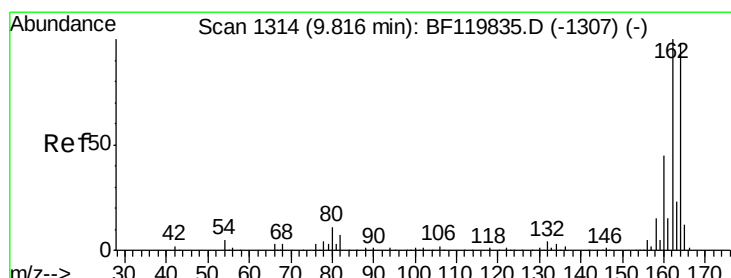
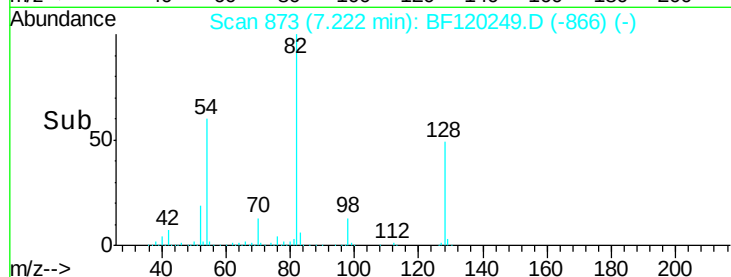
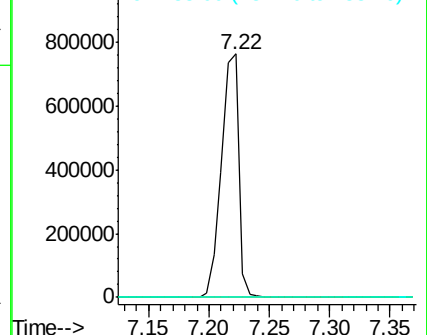
82 100

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: BF120249.D

Acq: 30 Apr 2020 19:45

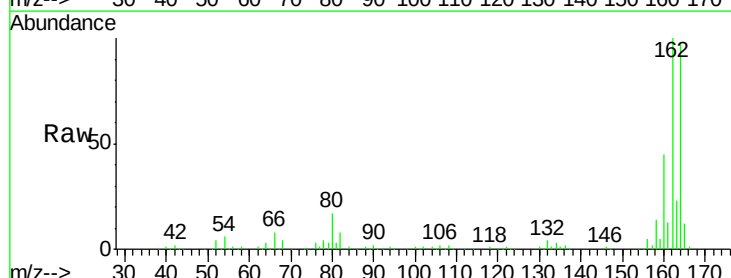
Tgt Ion:164 Resp: 223769

Ion Ratio Lower Upper

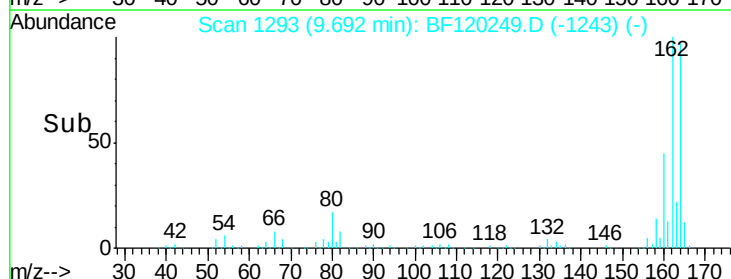
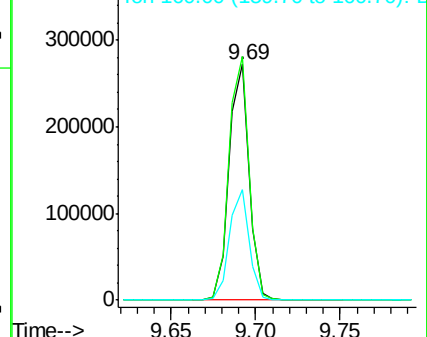
164 100

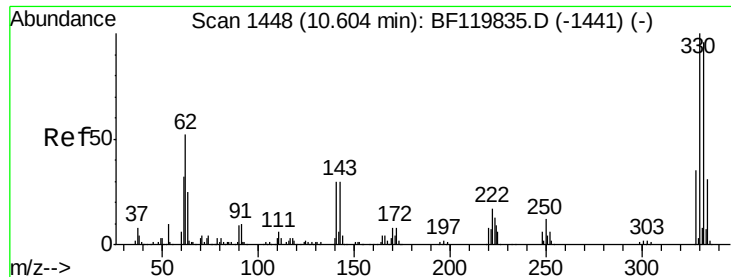
162 103.3 80.6 121.0

160 46.6 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

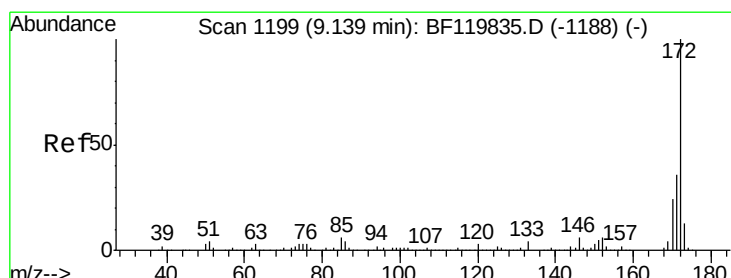
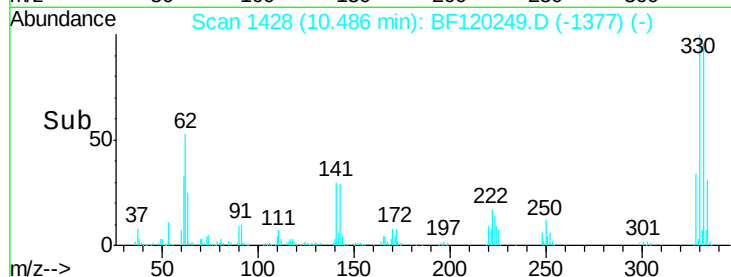
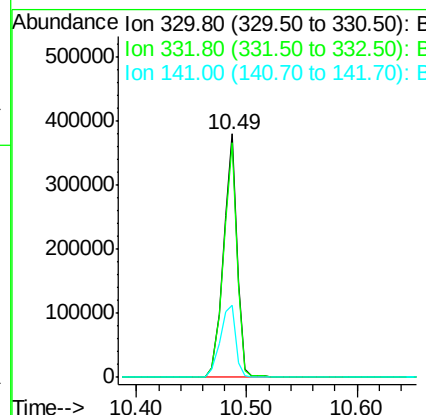
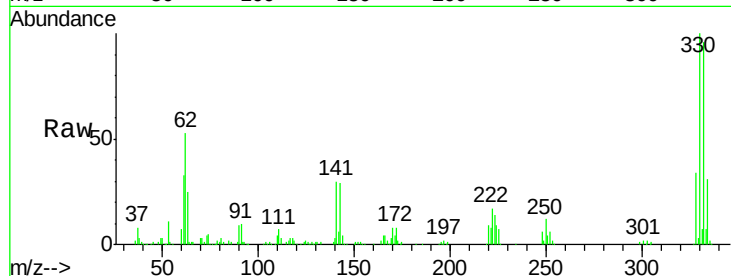




#42
 2,4,6-Tribromophenol
 Concen: 118.999 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: BF120249.D
 Acq: 30 Apr 2020 19:45

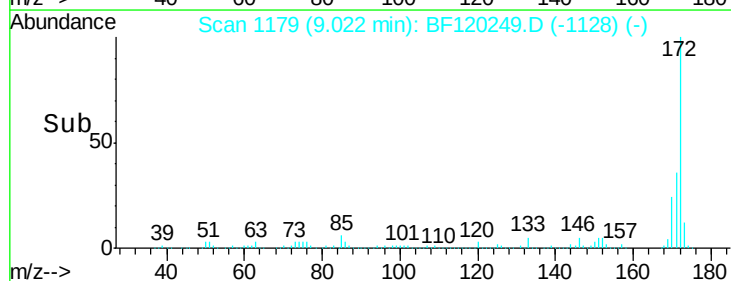
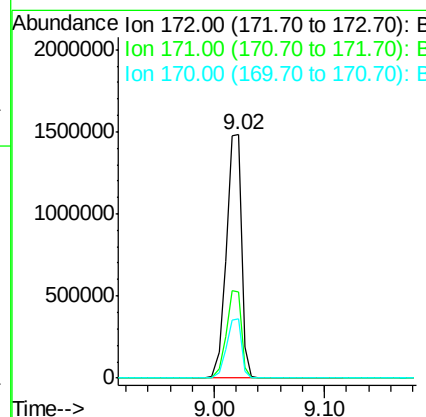
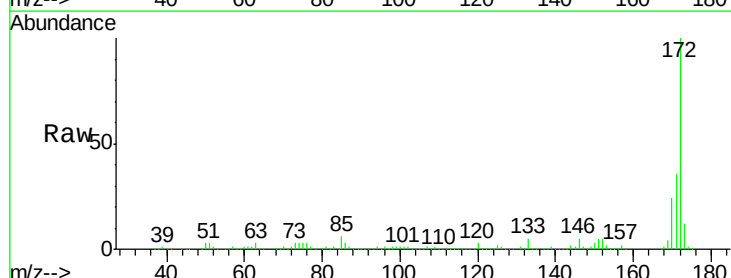
Instrument :
 BNA_F
 ClientSampleId :

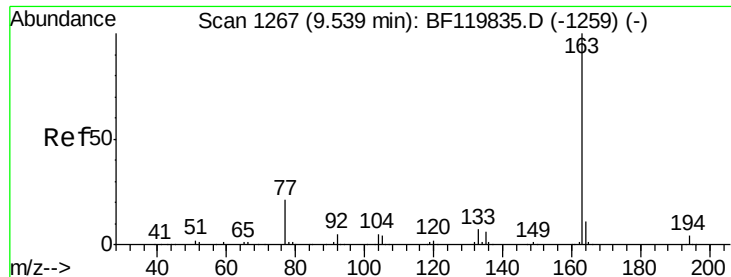
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	75.7	113.5
141	33.7	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 90.962 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF120249.D
 Acq: 30 Apr 2020 19:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.3	20.2	30.2





#50

Dimethylphthalate

Concen: 5.462 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

Instrument :

BNA_F

ClientSampleId :

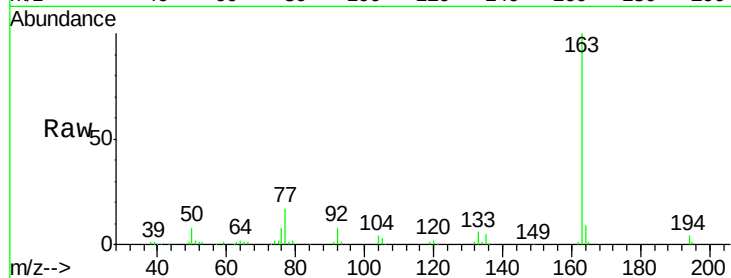
Tot Ion:163 Resp: 94536

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

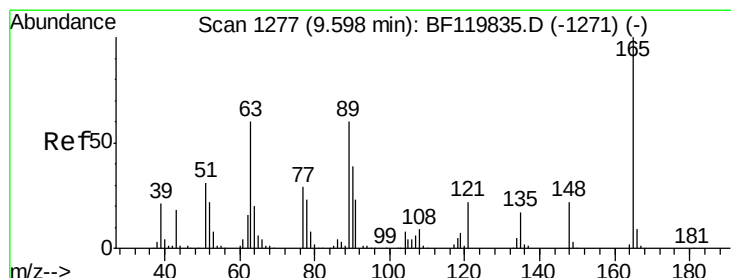
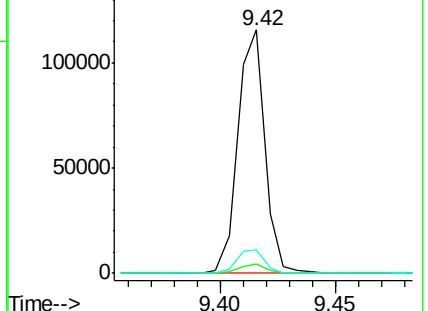
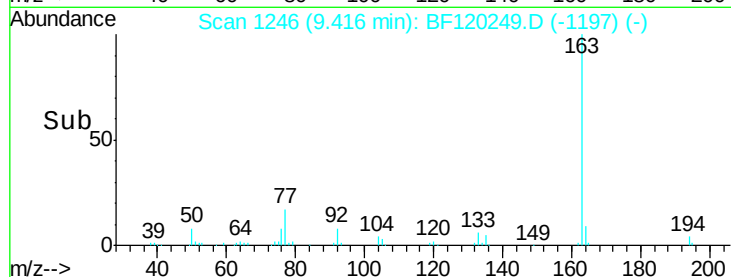
164 9.4 8.2 12.2



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



#51

2,6-Dinitrotoluene

Concen: 7.364 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.20 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

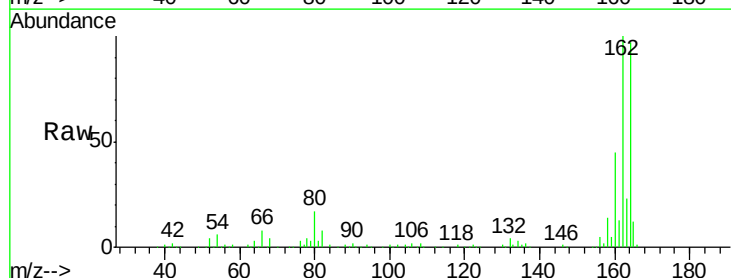
Tgt Ion:165 Resp: 27911

Ion Ratio Lower Upper

165 100

63 1.4 45.0 67.4#

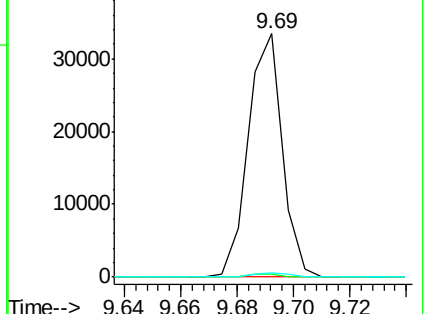
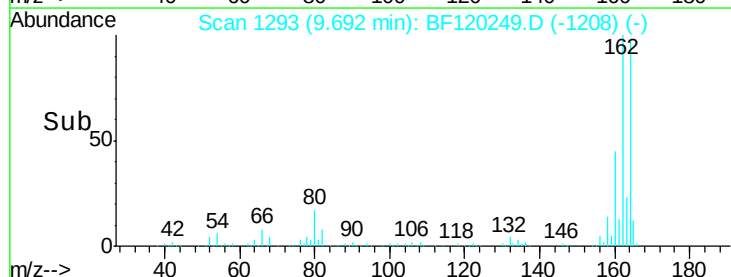
89 1.7 41.5 62.3#

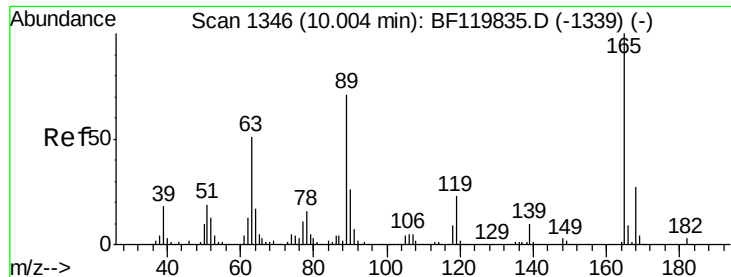


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

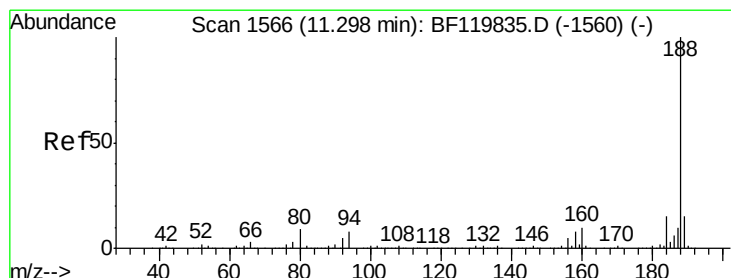
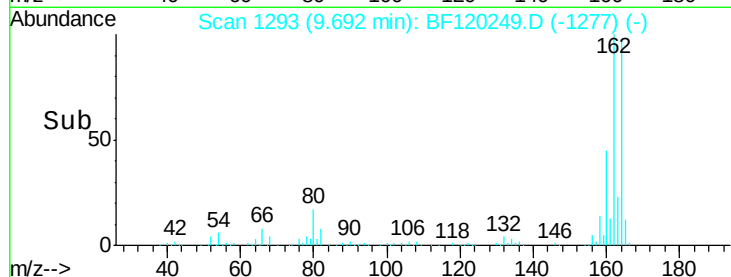
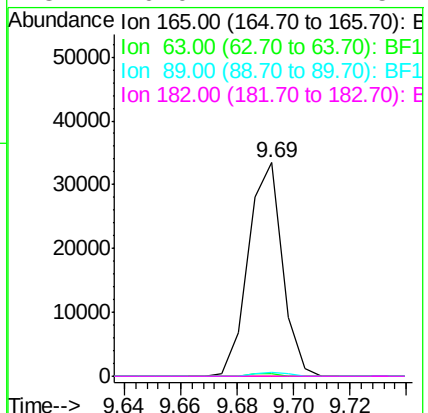
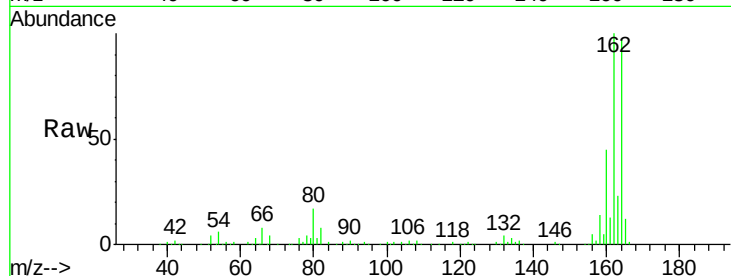




#57
 2,4-Dinitrotoluene
 Concen: 5.589 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120249.D
 Acq: 30 Apr 2020 19:45

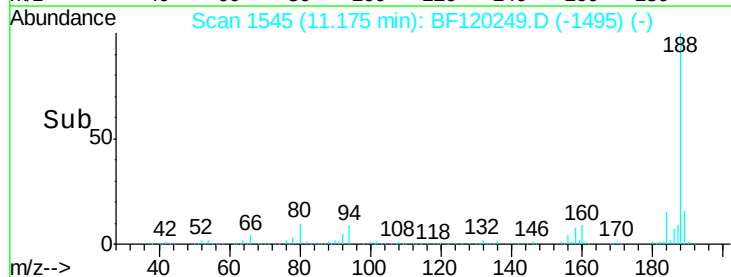
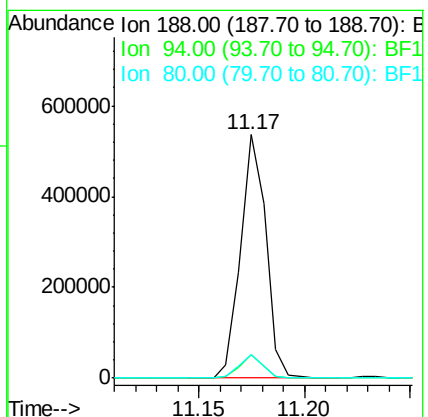
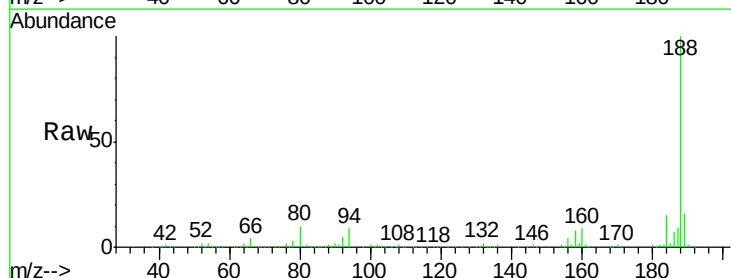
Instrument :
 BNA_F
 ClientSampleId :

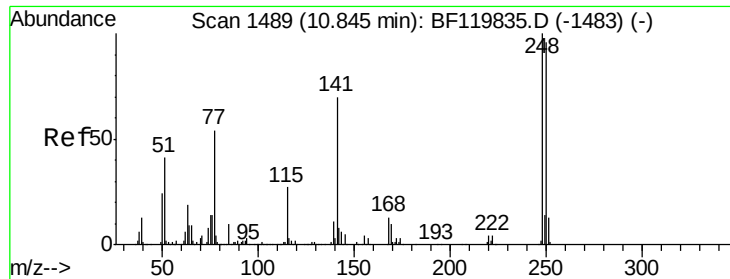
Tot Ion:165 Resp: 27911
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.6 64.0#
 89 1.7 61.0 91.4#
 182 0.0 2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120249.D
 Acq: 30 Apr 2020 19:45

Tgt Ion:188 Resp: 444404
 Ion Ratio Lower Upper
 188 100
 94 9.5 7.5 11.3
 80 9.7 9.0 13.4

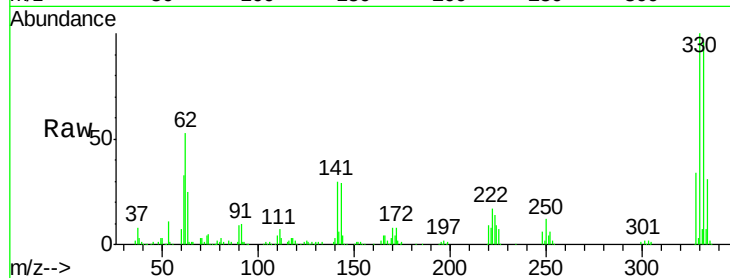




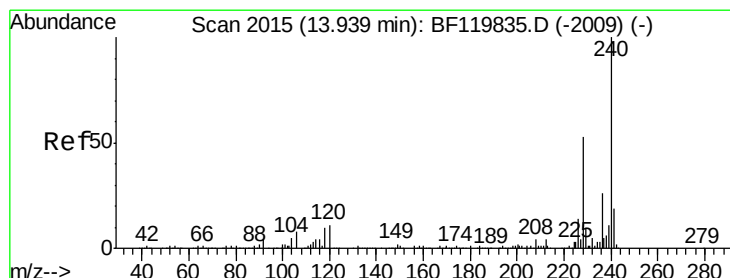
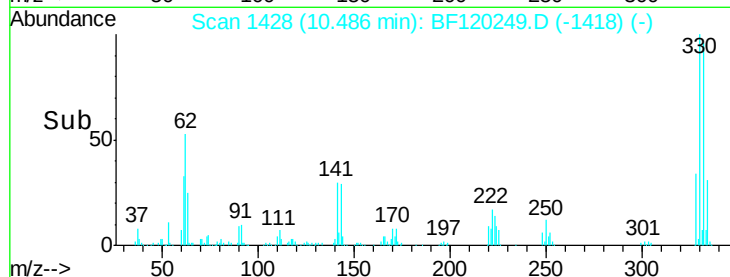
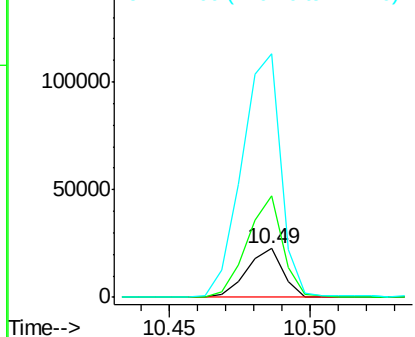
#67
 4-Bromophenyl-phenylether
 Concen: 3.639 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.24 min
 Lab File: BF120249.D
 Acq: 30 Apr 2020 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 20113
 Ion Ratio Lower Upper
 248 100
 250 209.3 77.3 115.9#
 141 501.1 58.6 87.8#

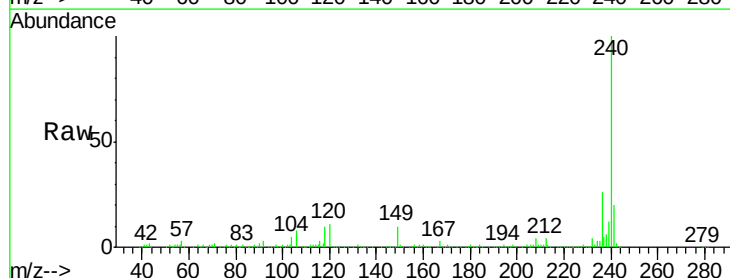


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

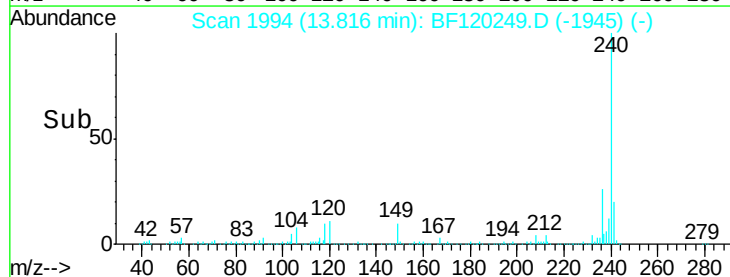
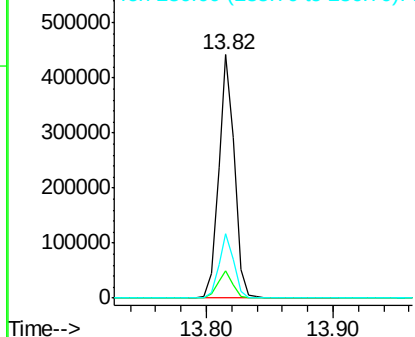


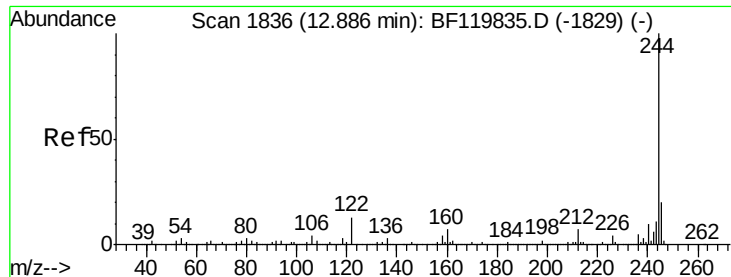
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120249.D
 Acq: 30 Apr 2020 19:45

Tgt Ion:240 Resp: 383223
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.6 15.8
 236 26.4 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: 73.331 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

Instrument :

BNA_F

ClientSampleId :

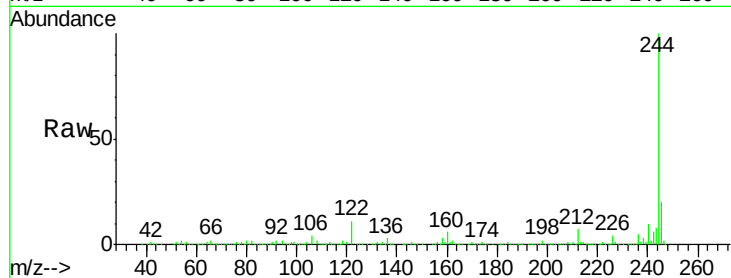
Tot Ion:244 Resp: 1670103

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

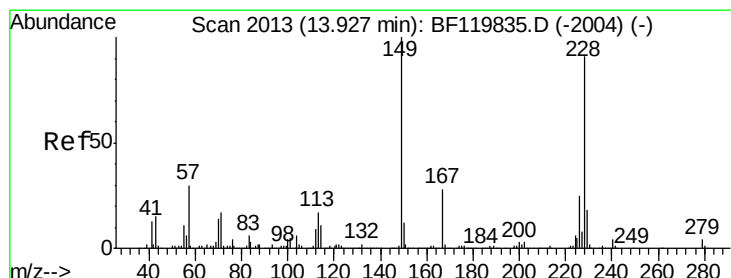
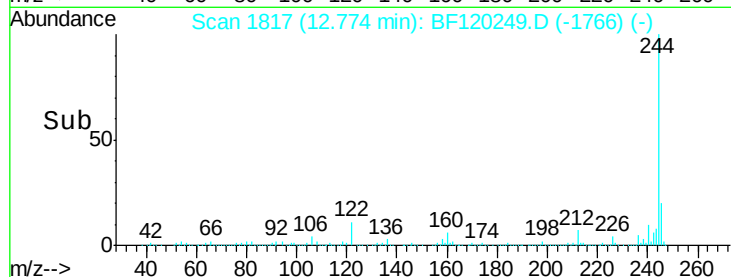
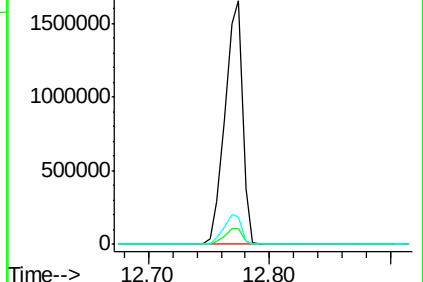
122 11.4 10.3 15.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.276 ng

RT: 13.81 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF120249.D

Acq: 30 Apr 2020 19:45

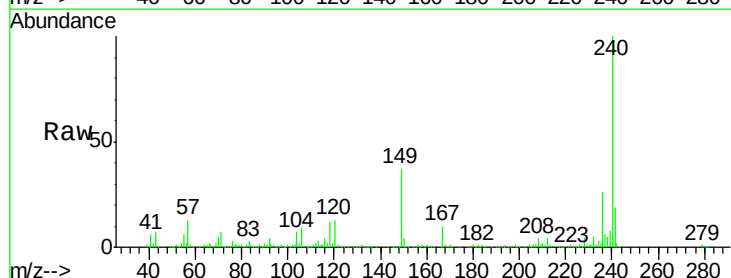
Tgt Ion:149 Resp: 69545

Ion Ratio Lower Upper

149 100

167 26.1 21.3 31.9

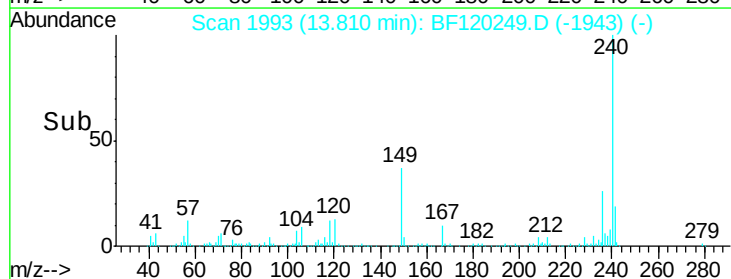
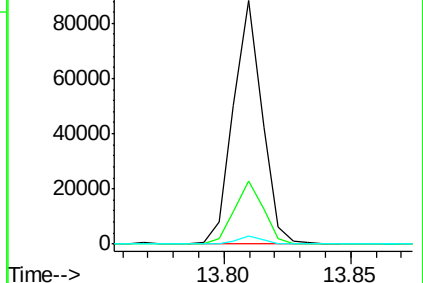
279 3.2 2.7 4.1

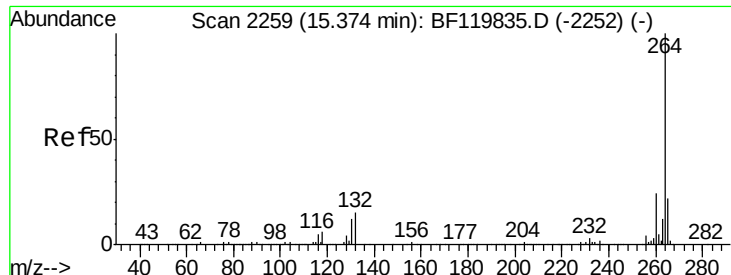


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

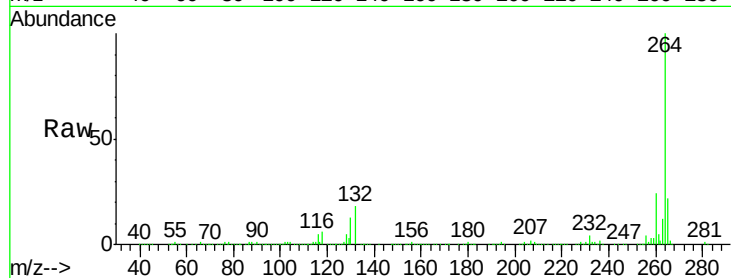




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120249.D
Acq: 30 Apr 2020 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	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

