

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120172.D
 Acq On : 23 Apr 2020 19:12
 Operator : MA/SJ
 Sample : L2330-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2

Quant Time: Apr 24 01:23:46 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 23 13:31:01 2020
 Response via : Initial Calibration

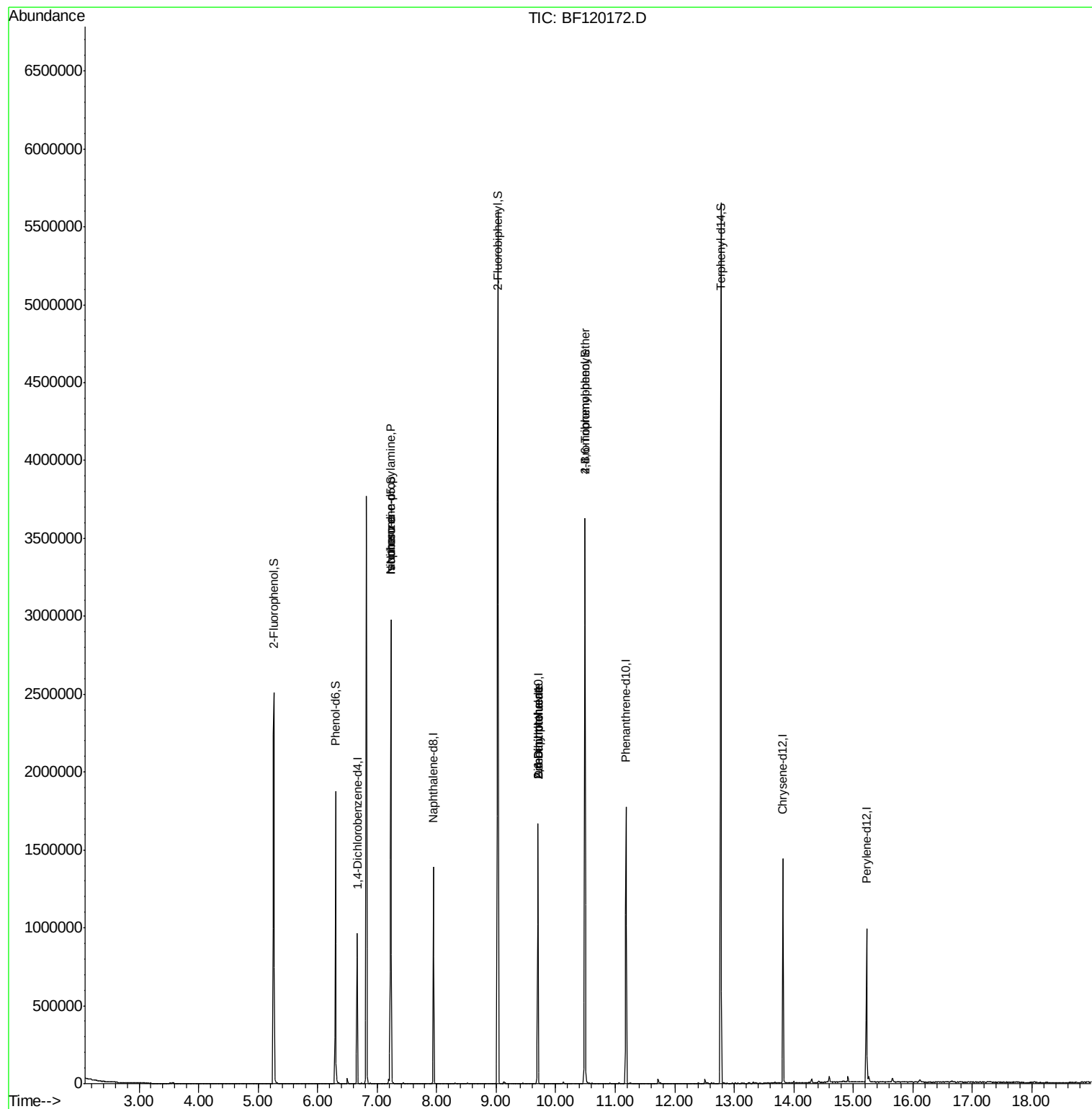
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	145398	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	565643	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	301702	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	628074	20.00	ng	0.00
76) Chrysene-d12	13.82	240	474019	20.00	ng	-0.01
87) Perylene-d12	15.22	264	416945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	661796	78.66	ng	0.00
7) Phenol-d6	6.30	99	552843	51.00	ng	-0.01
23) Nitrobenzene-d5	7.23	82	975492	89.22	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	436831	118.26	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1804898	84.94	ng	0.00
79) Terphenyl-d14	12.78	244	2389688	84.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	699	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	128579	18.444 ng	#	1
25) Isophorone	7.23	82	971024	46.070 ng	#	77
50) Dimethylphthalate	9.70	163	69330	2.971 ng	#	65
51) 2,6-Dinitrotoluene	9.70	165	39711	7.771 ng	#	1
57) 2,4-Dinitrotoluene	9.70	165	39711	5.898 ng	#	26
67) 4-Bromophenyl-phenylether	10.49	248	27842	3.565 ng	#	20
					#	1

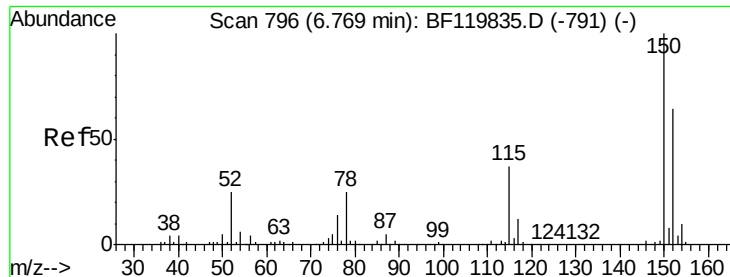
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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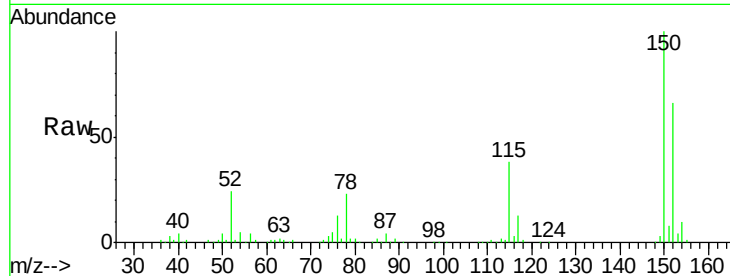


#1

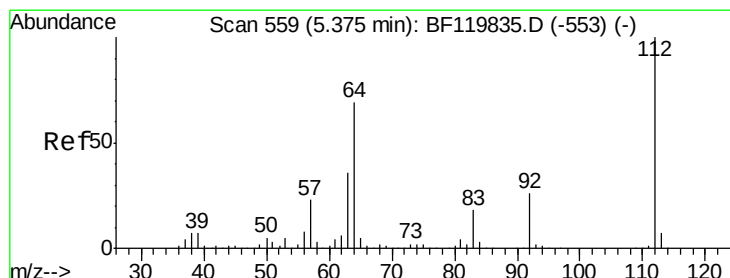
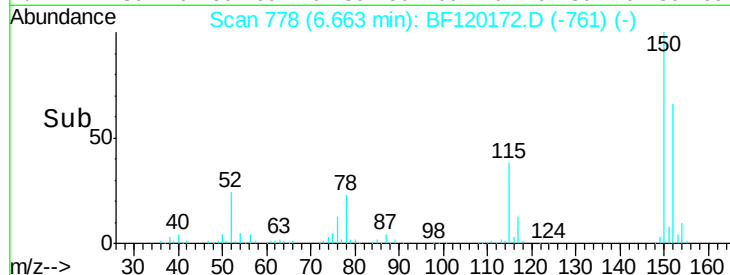
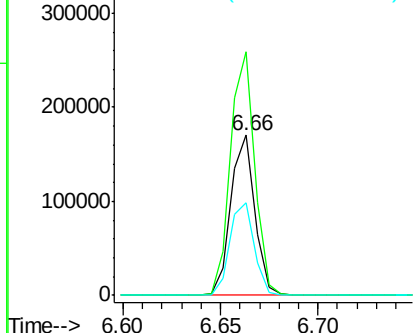
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120172.D
Acq: 23 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2

Tot Ion:152 Resp: 145398
Ion Ratio Lower Upper
152 100
150 152.3 124.5 186.7
115 57.5 49.6 74.4



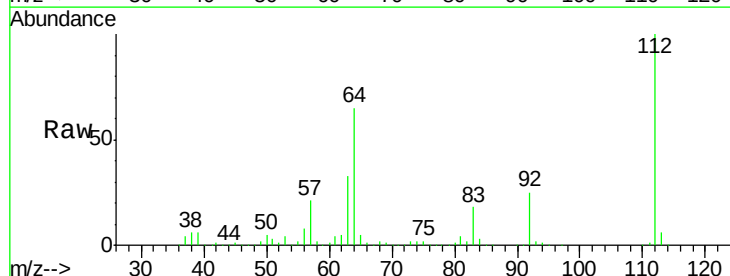
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



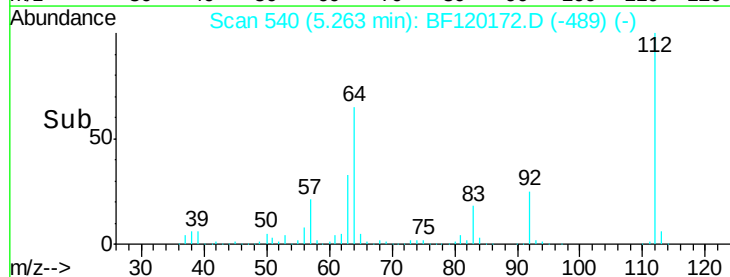
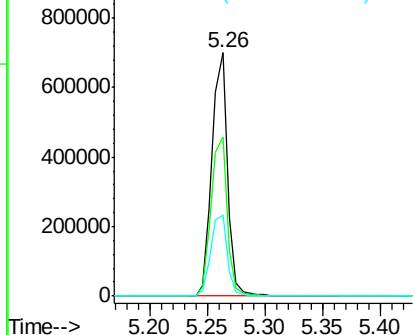
#5

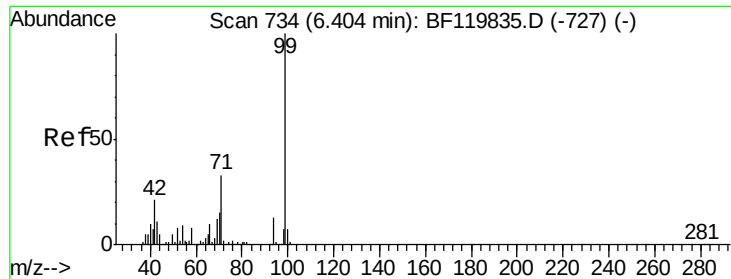
2-Fluorophenol
Concen: 78.660 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF120172.D
Acq: 23 Apr 2020 19:12

Tgt Ion:112 Resp: 661796
Ion Ratio Lower Upper
112 100
64 65.4 56.7 85.1
63 33.3 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: 50.996 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120172.D

Acq: 23 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2

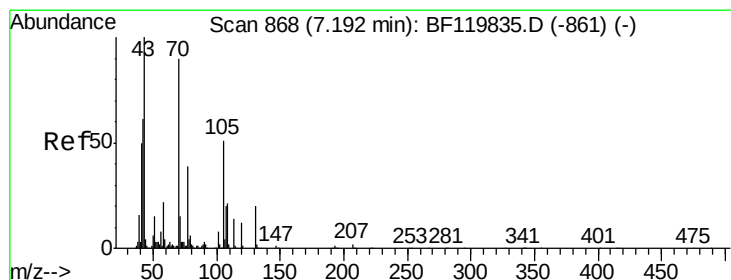
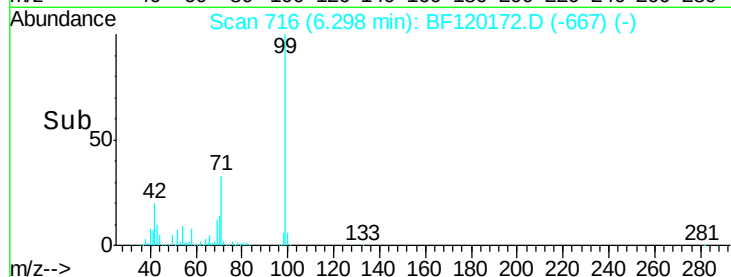
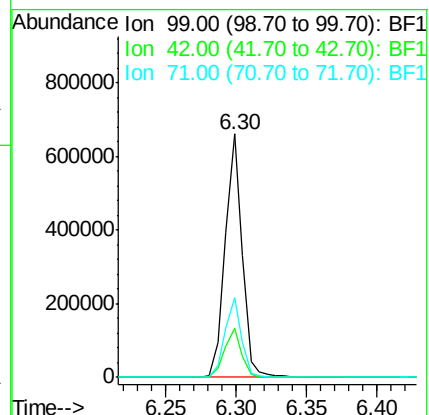
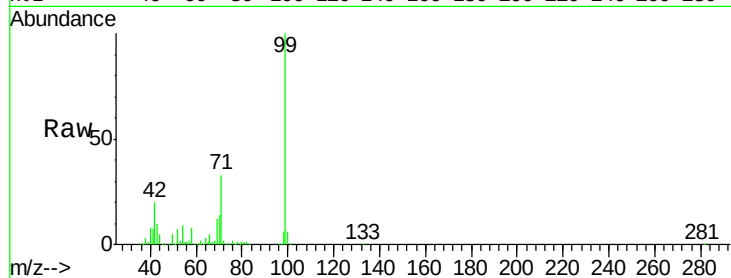
Tot Ion: 99 Resp: 552843

Ion Ratio Lower Upper

99 100

42 20.2 16.6 24.8

71 32.6 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.444 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120172.D

Acq: 23 Apr 2020 19:12

Tgt Ion: 70 Resp: 128579

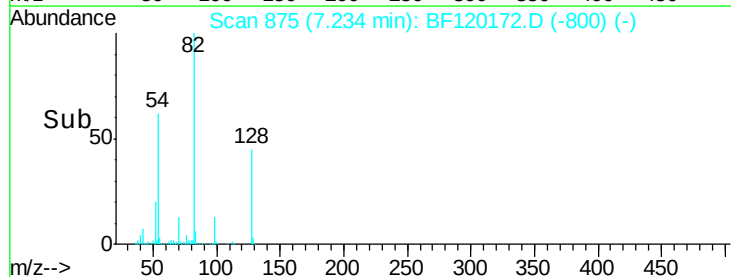
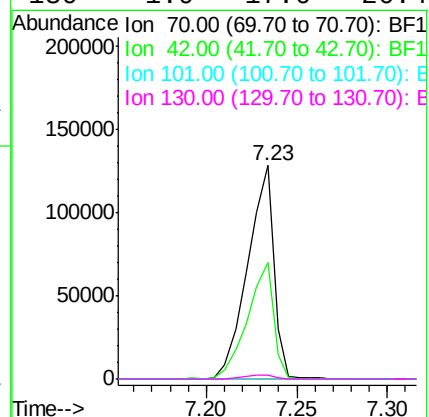
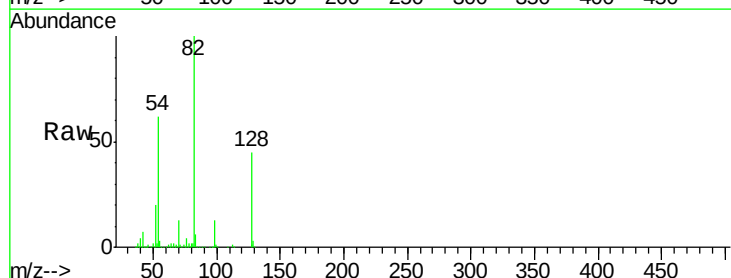
Ion Ratio Lower Upper

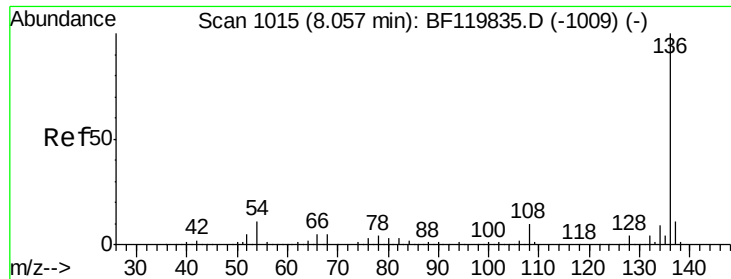
70 100

42 54.3 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#

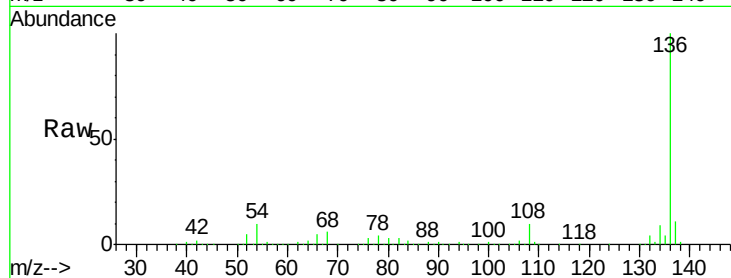




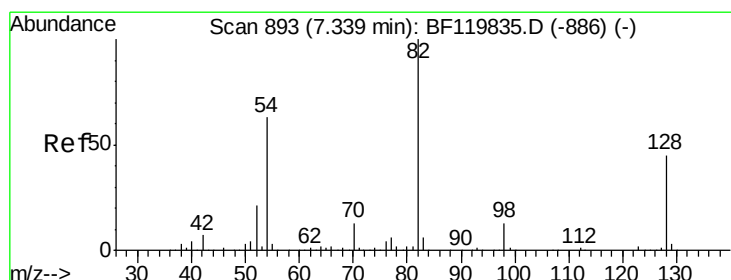
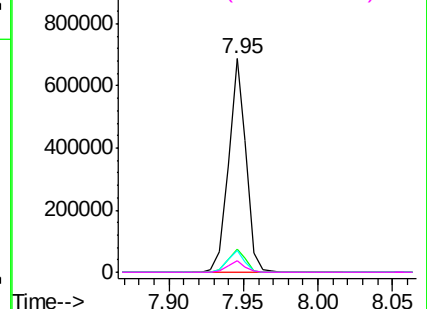
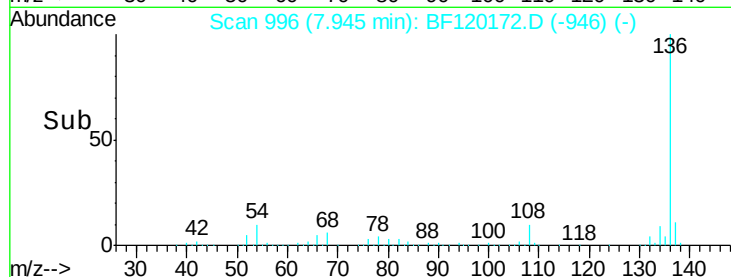
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120172.D
Acq: 23 Apr 2020 19:12

Instrument :
BNA_F
ClientSampleId :
PA-TWP-2

Tot Ion:136	Resp:	565643
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.7 13.1
54	10.2	9.1 13.7
68	5.7	4.6 6.8

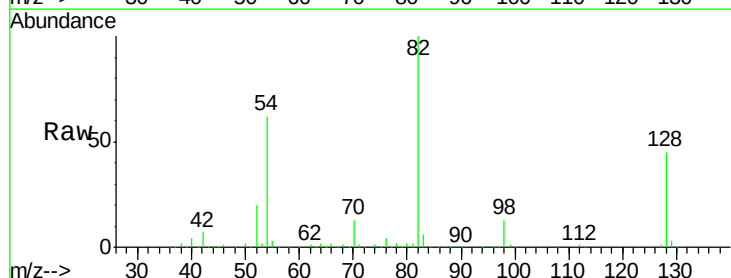


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

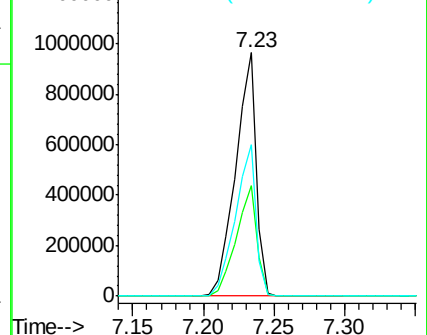
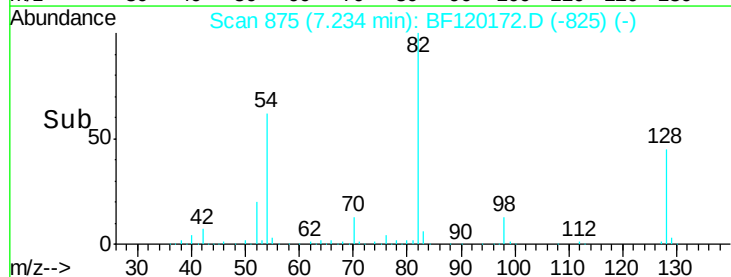


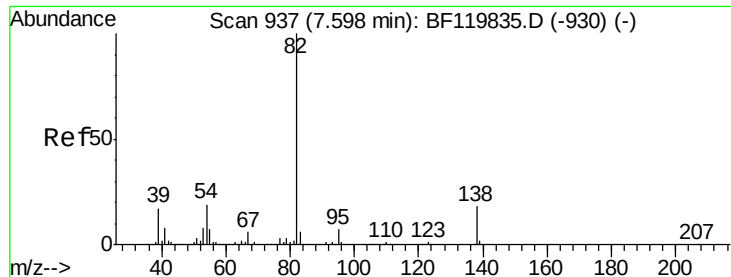
#23
Nitrobenzene-d5
Concen: 89.218 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120172.D
Acq: 23 Apr 2020 19:12

Tgt Ion: 82	Resp:	975492
Ion	Ratio	Lower Upper
82	100	
128	45.4	36.3 54.5
54	62.2	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: 46.070 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120172.D

Acq: 23 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2

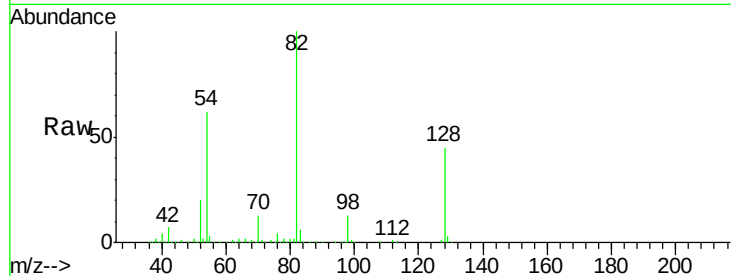
Tot Ion: 82 Resp: 971024

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

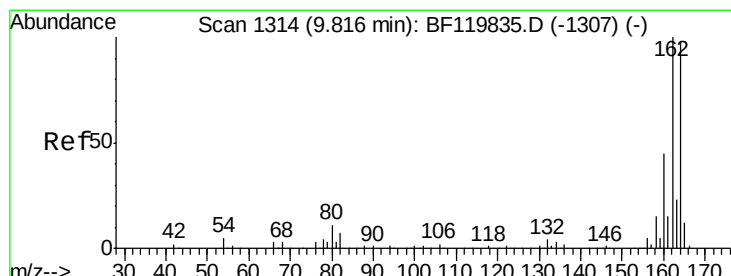
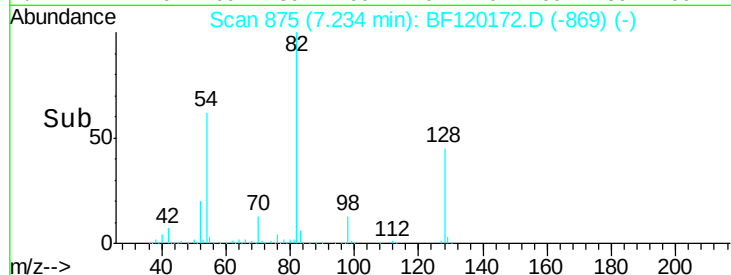
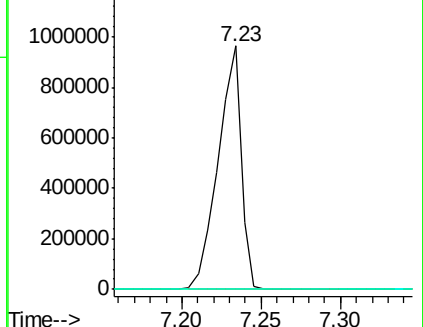
138 0.0 14.6 21.8#



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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120172.D

Acq: 23 Apr 2020 19:12

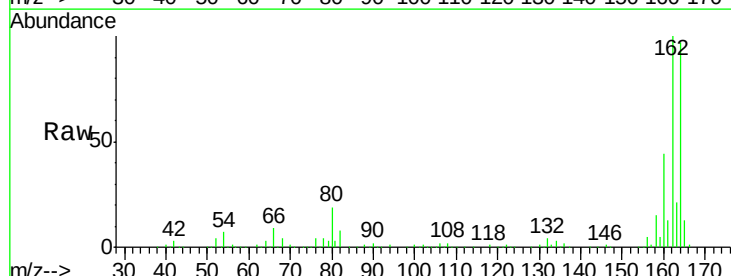
Tgt Ion:164 Resp: 301702

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

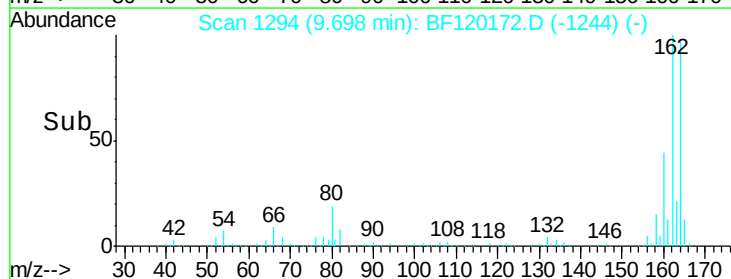
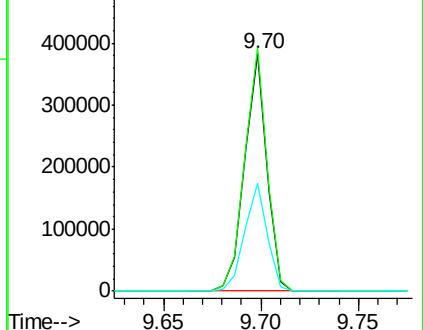
160 45.4 35.7 53.5

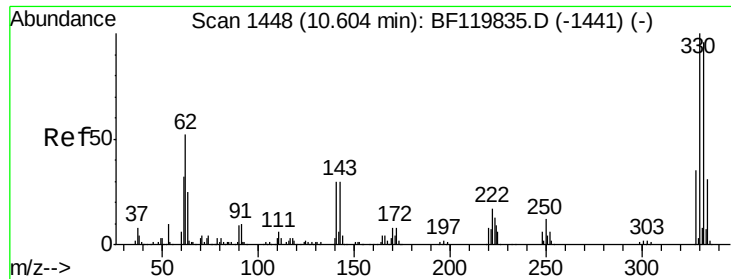


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

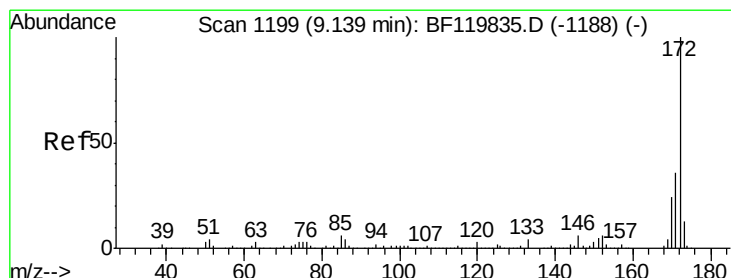
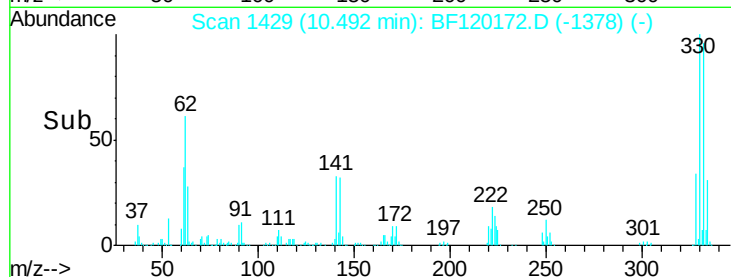
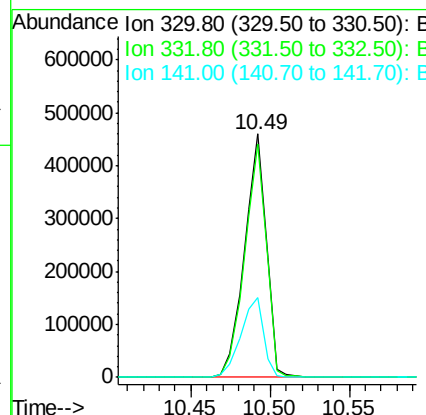
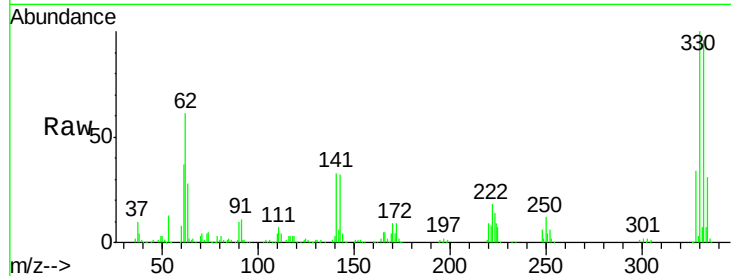




#42
 2,4,6-Tribromophenol
 Concen: 118.259 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

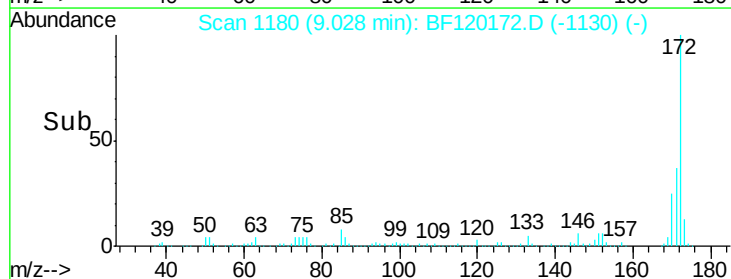
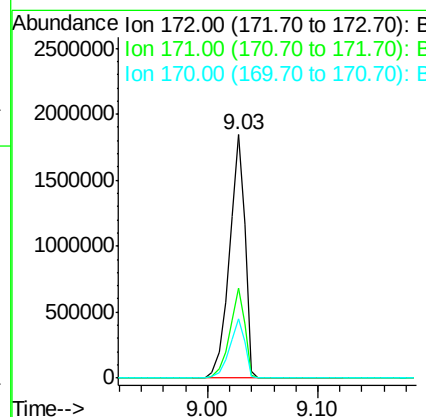
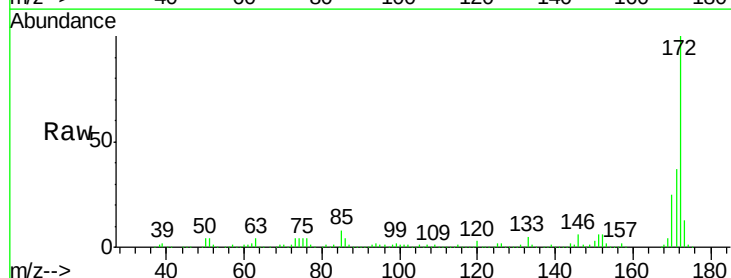
Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2

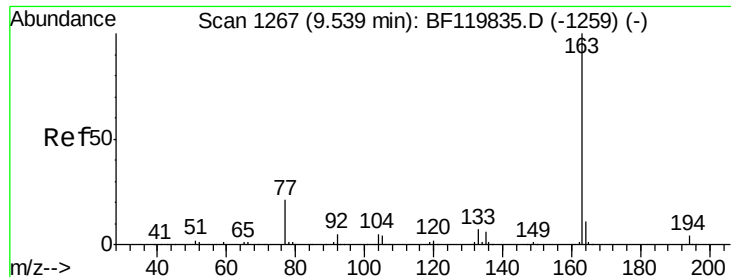
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	34.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 84.937 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	24.6	20.2	30.2





#50

Dimethylphthalate

Concen: 2.971 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF120172.D

Acq: 23 Apr 2020 19:12

Instrument :

BNA_F

ClientSampleId :

PA-TWP-2

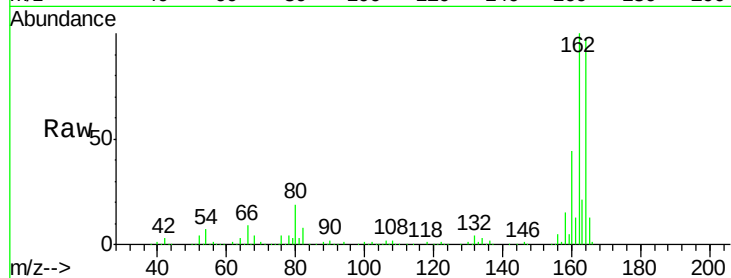
Tot Ion:163 Resp: 69330

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

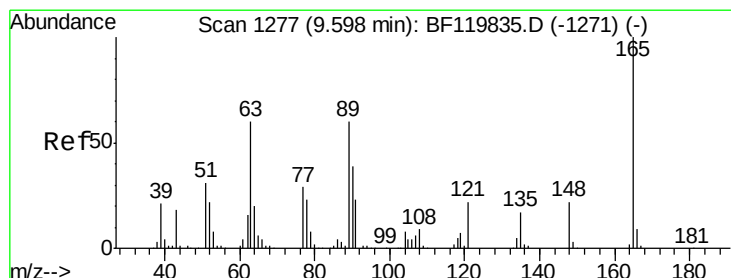
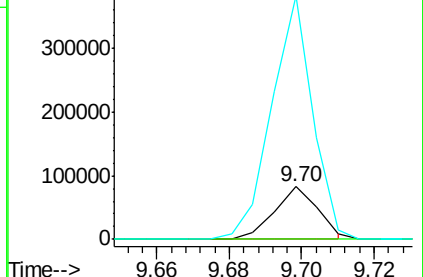
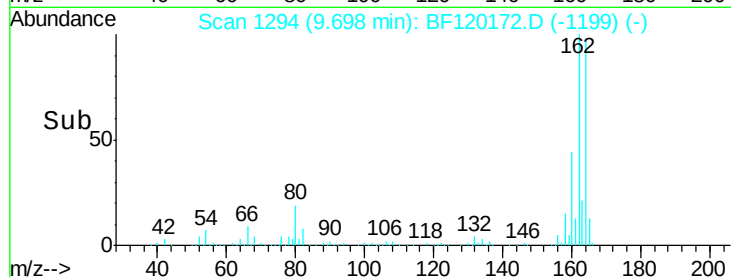
164 461.2 8.2 12.2#



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: 7.771 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120172.D

Acq: 23 Apr 2020 19:12

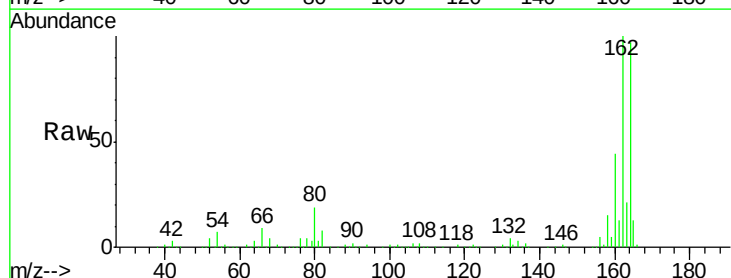
Tgt Ion:165 Resp: 39711

Ion Ratio Lower Upper

165 100

63 1.3 45.0 67.4#

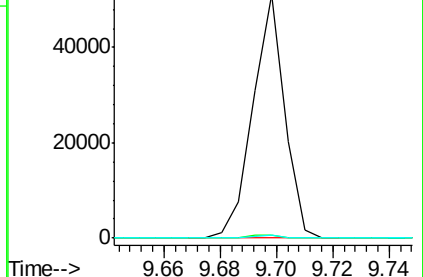
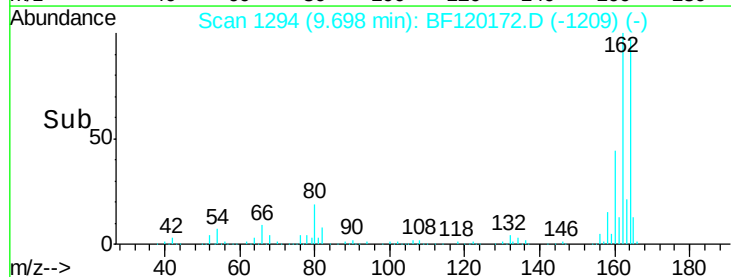
89 1.3 41.5 62.3#

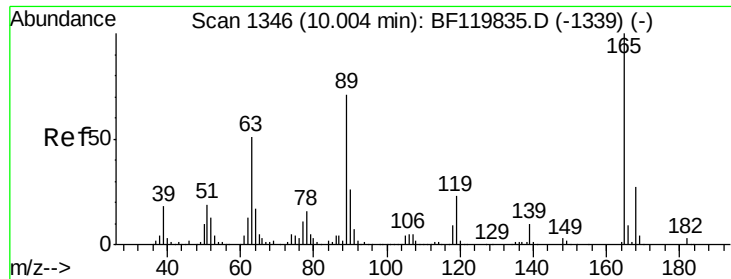


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

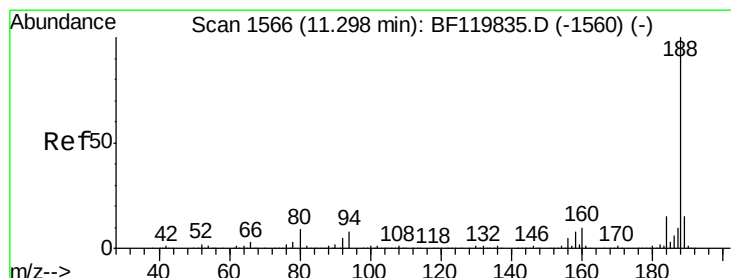
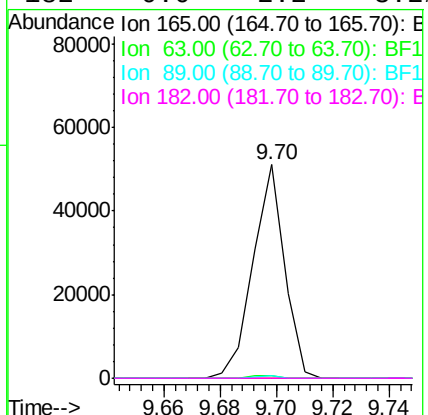
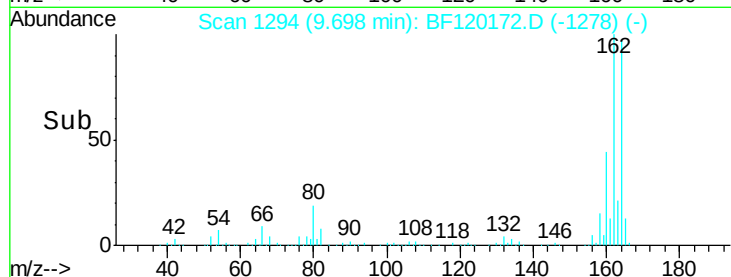
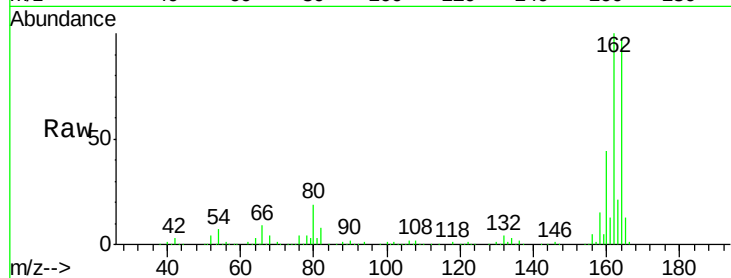




#57
 2,4-Dinitrotoluene
 Concen: 5.898 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

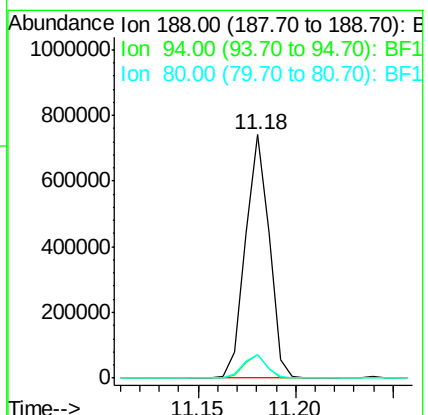
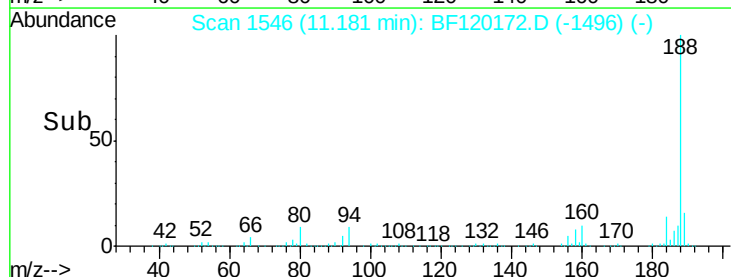
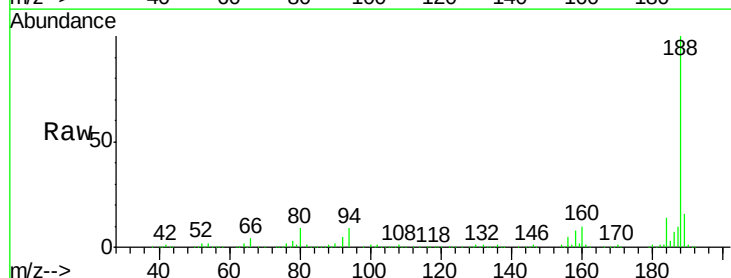
Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2

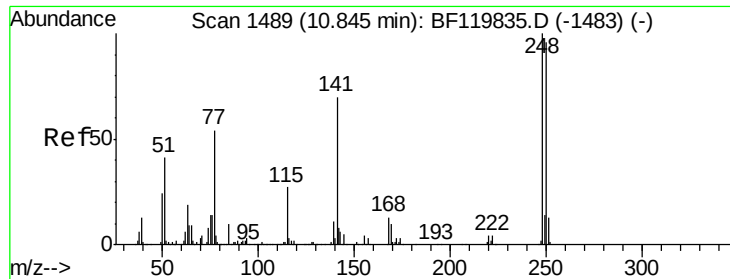
Tot Ion:165	Resp:	39711
Ion Ratio	Lower	Upper
165	100	
63	1.3	42.6 64.0#
89	1.3	61.0 91.4#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

Tgt Ion:188	Resp:	628074
Ion Ratio	Lower	Upper
188	100	
94	9.4	7.5 11.3
80	9.5	9.0 13.4

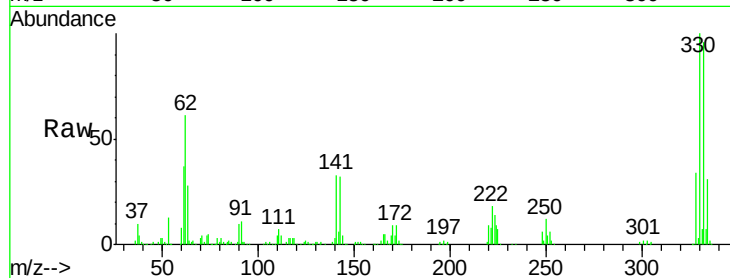




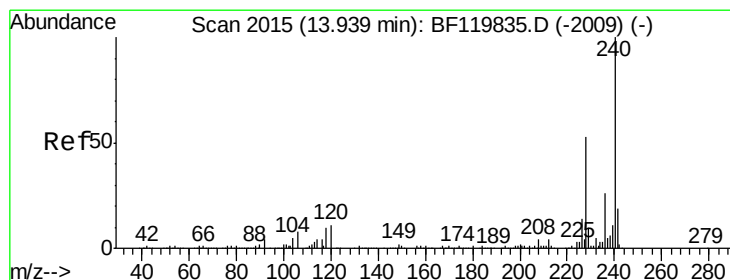
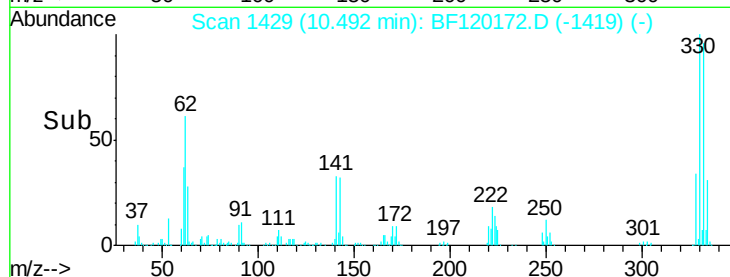
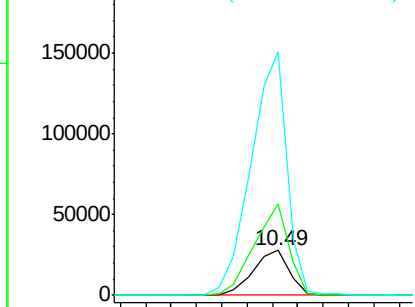
#67
 4-Bromophenyl-phenylether
 Concen: 3.565 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2

Tot Ion:248 Resp: 27842
 Ion Ratio Lower Upper
 248 100
 250 202.2 77.3 115.9#
 141 539.1 58.6 87.8#

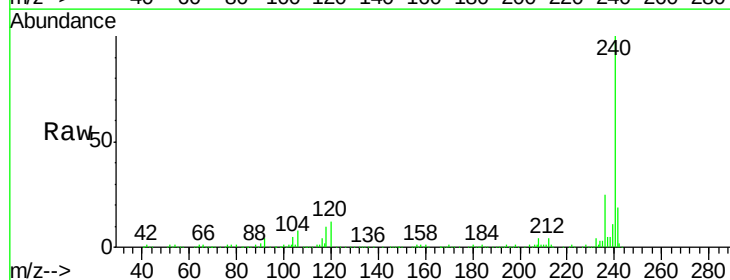


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

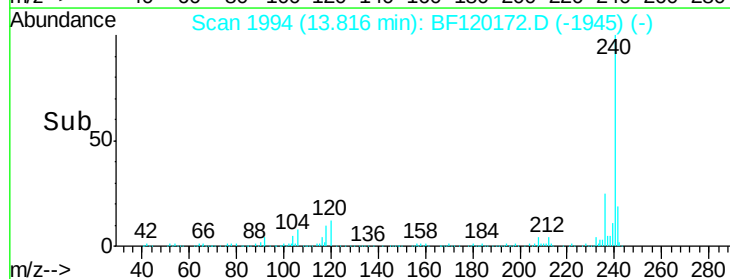
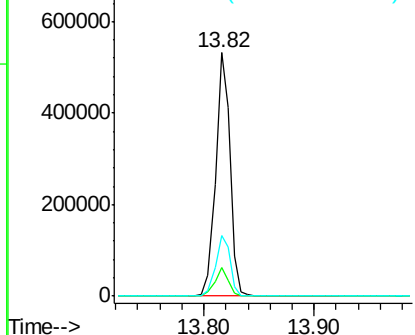


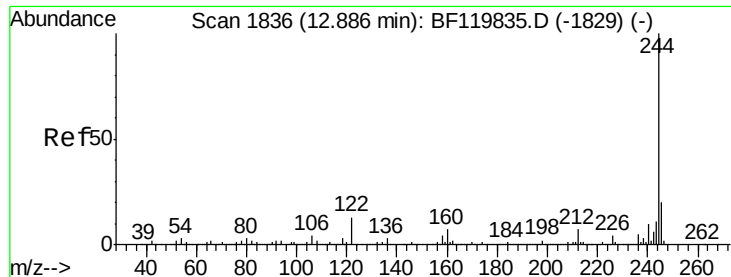
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

Tgt Ion:240 Resp: 474019
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.6 15.8
 236 24.6 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

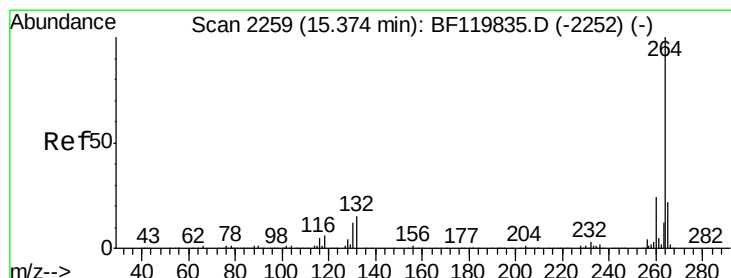
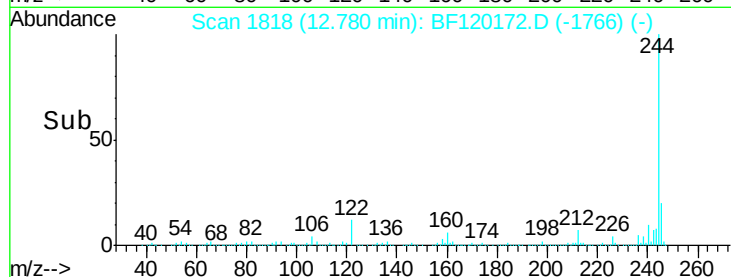
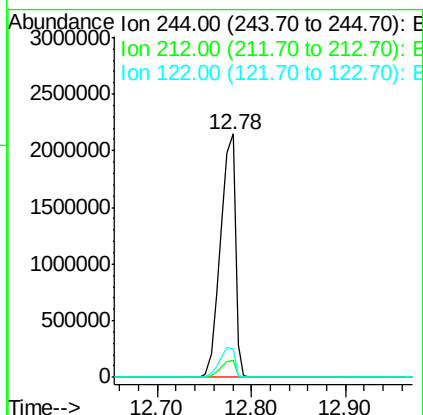
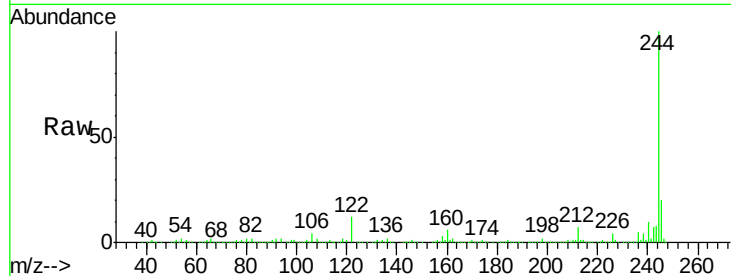




#79
 Terphenyl-d14
 Concen: 84.828 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. 0.01 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

Instrument :
 BNA_F
 ClientSampleId :
 PA-TWP-2

Tot Ion:244 Resp: 2389688
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.6 10.3 15.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120172.D
 Acq: 23 Apr 2020 19:12

Tgt Ion:264 Resp: 416945
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.0 17.7 26.5

