

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021819\
 Data File : BF112600.D
 Acq On : 18 Feb 2019 14:52
 Operator : JU/SJ
 Sample : K1508-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 18 16:22:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

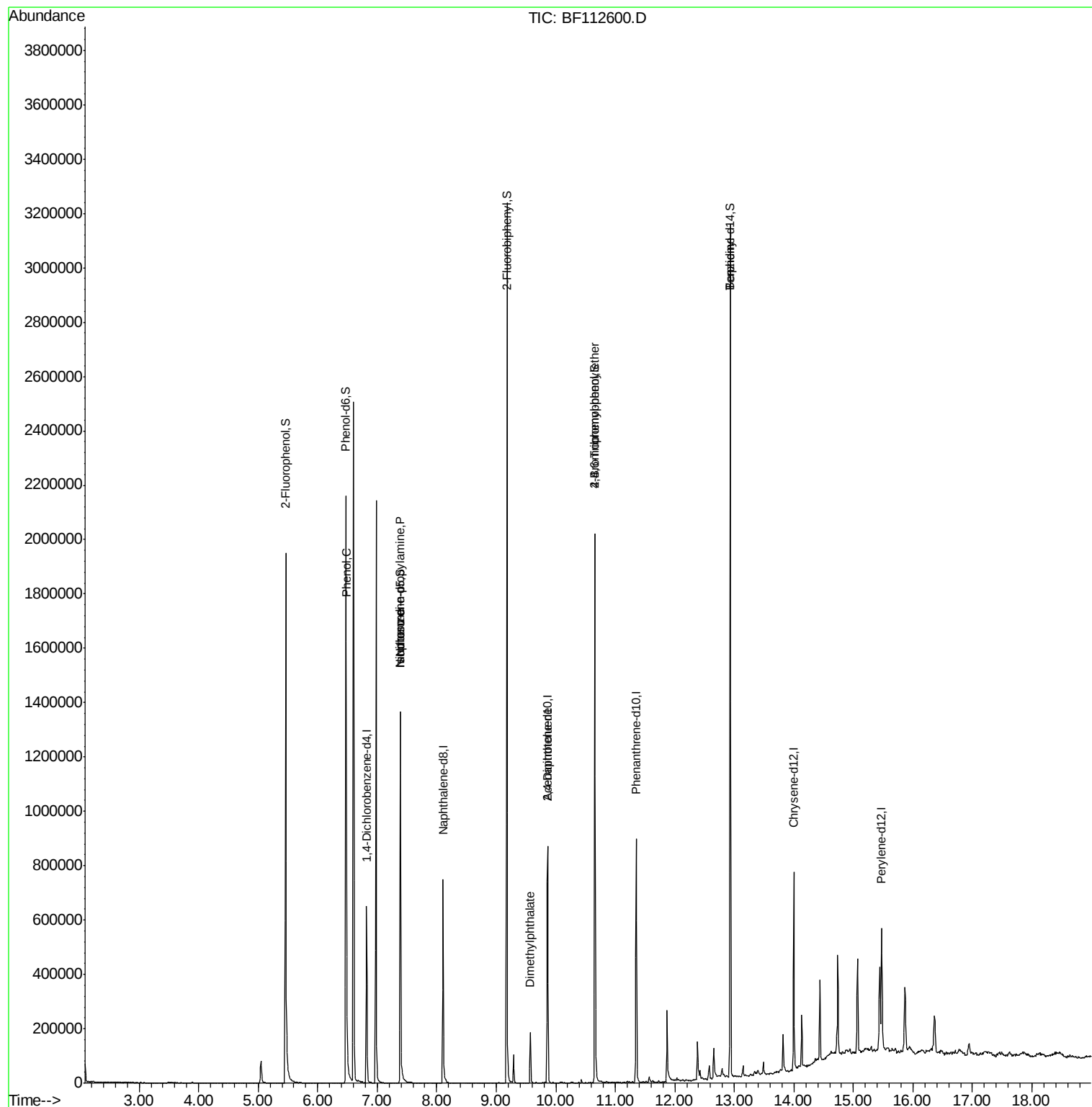
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	96377	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	374675	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	181262	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	332883	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	236786	20.00	ng	-0.01
87) Perylene-d12	15.47	264	214722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	636690	140.32	ng	-0.02
7) Phenol-d6	6.47	99	795781	126.22	ng	-0.02
23) Nitrobenzene-d5	7.39	82	507354	78.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	250597	118.78	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	998786	77.93	ng	-0.02
79) Terphenyl-d14	12.93	244	952411	75.76	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	24664	3.566	ng	88
19) n-Nitroso-di-n-propylamine	7.39	70	68021	15.646	ng	# 78
25) Isophorone	7.39	82	507349	49.735	ng	# 63
50) Dimethylphthalate	9.57	163	89658	6.366	ng	97
57) 2,4-Dinitrotoluene	9.86	165	22739	5.663	ng	# 33
67) 4-Bromophenyl-phenylether	10.66	248	15541	3.969	ng	# 1
77) Benzidine	12.93	184	13736	2.108	ng	# 93

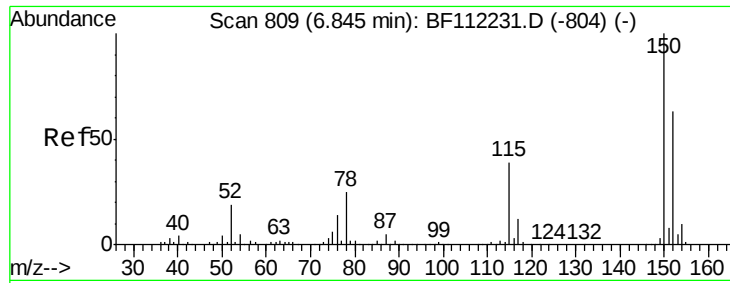
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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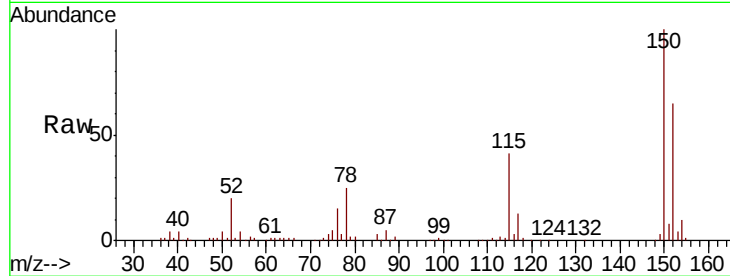


#1

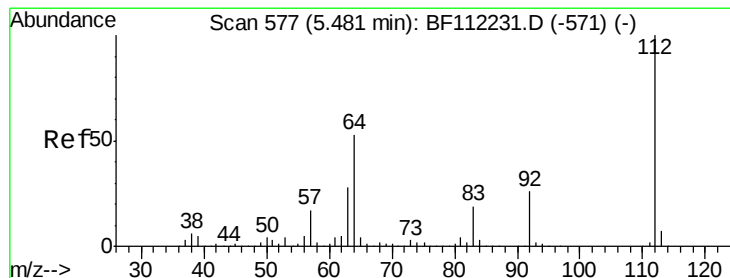
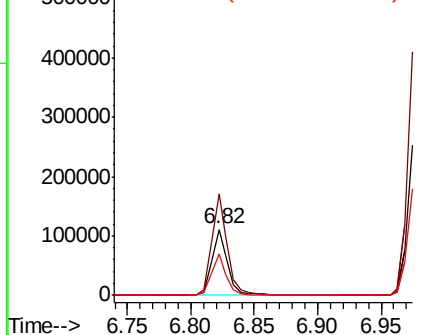
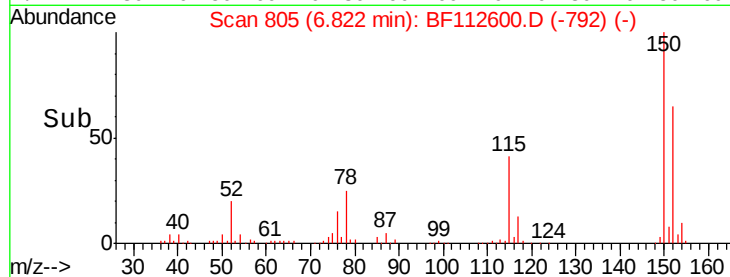
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96377
Ion Ratio Lower Upper
152 100
150 154.7 127.4 191.0
115 63.0 45.5 68.3



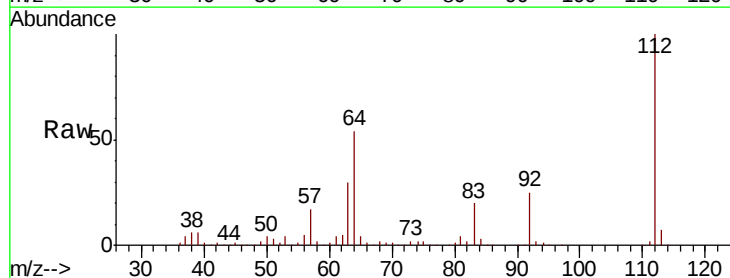
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



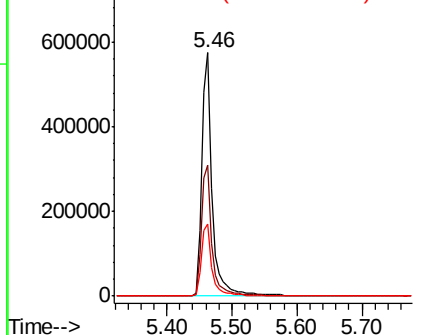
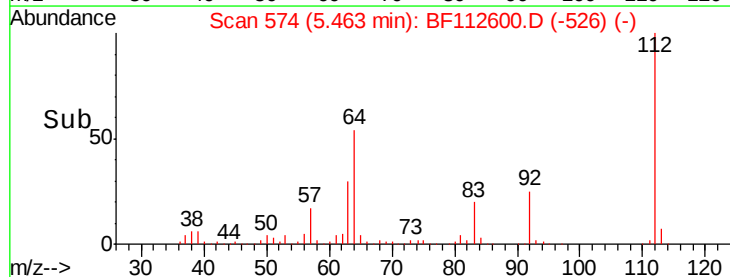
#5

2-Fluorophenol
Concen: 140.321 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion:112 Resp: 636690
Ion Ratio Lower Upper
112 100
64 54.0 45.7 68.5
63 29.8 23.6 35.4



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: 126.216 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

Instrument :

BNA_F

ClientSampled :

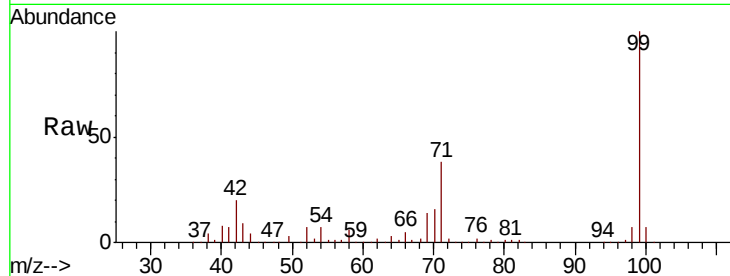
Tot Ion: 99 Resp: 795781

Ion Ratio Lower Upper

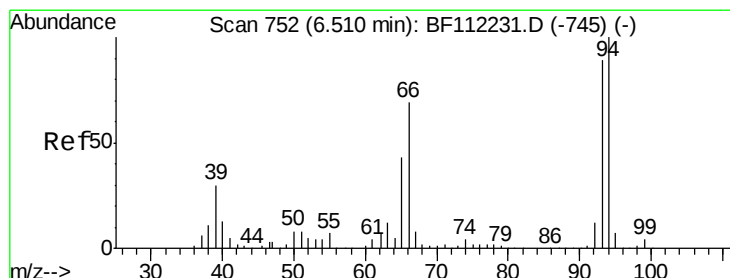
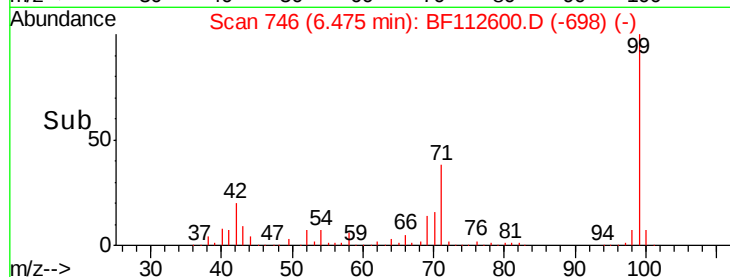
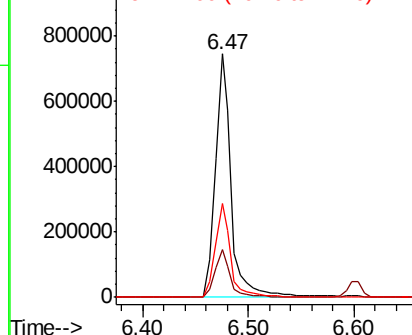
99 100

42 19.8 15.1 22.7

71 38.5 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.566 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

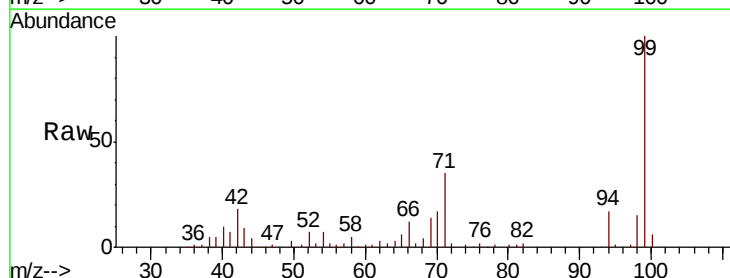
Tgt Ion: 94 Resp: 24664

Ion Ratio Lower Upper

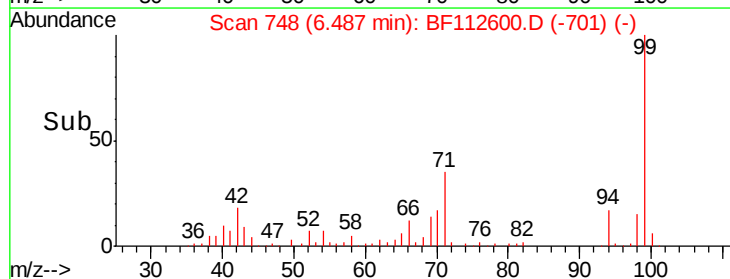
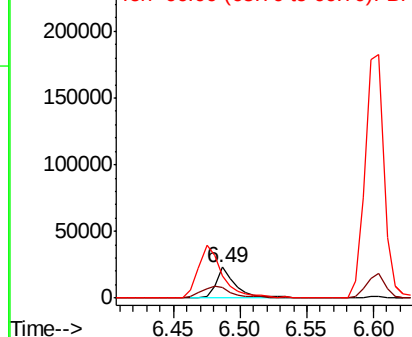
94 100

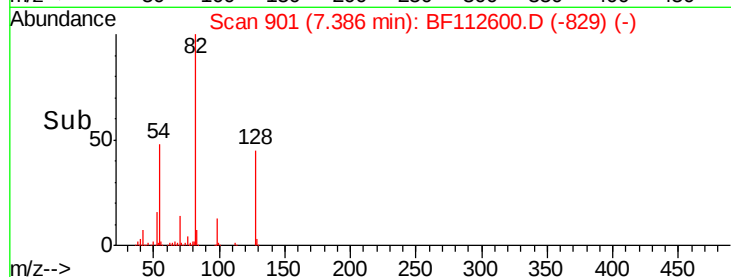
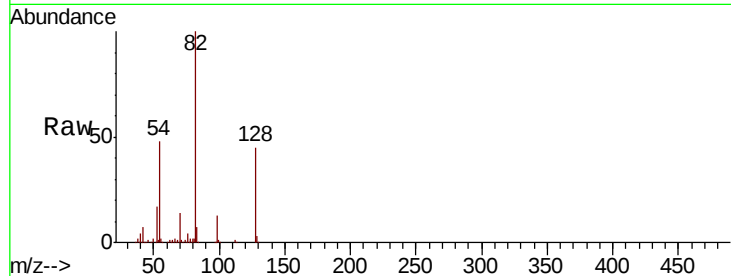
65 35.1 20.3 60.3

66 72.9 42.4 82.4



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

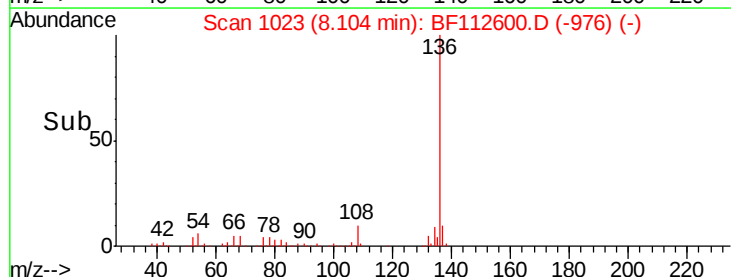
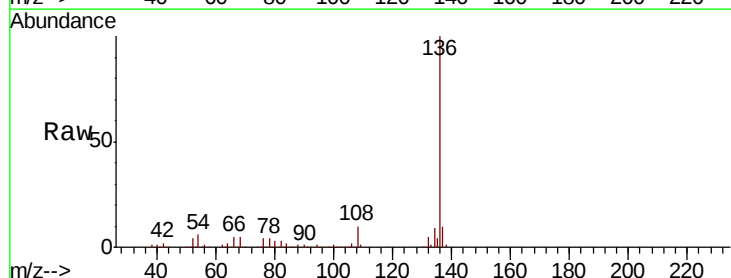
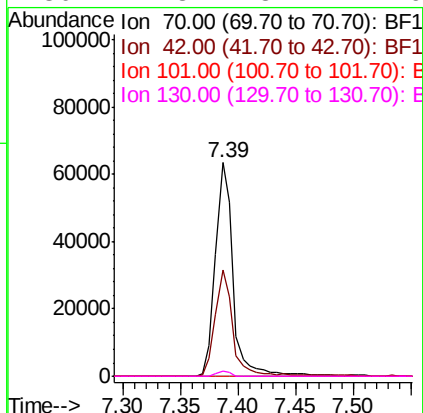




#19
n-Nitroso-di-n-propylamine
Concen: 15.646 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.12 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

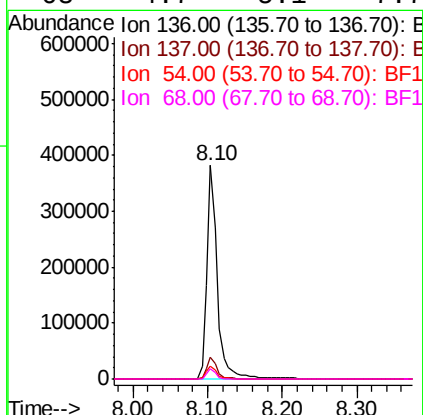
Instrument :
BNA_F
ClientSampled :

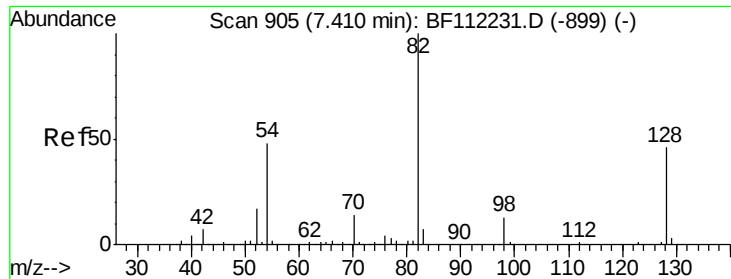
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.9	47.6	71.4
101	0.0	7.9	11.9#
130	2.3	18.4	27.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.1	13.7
54	6.3	5.9	8.9
68	4.7	5.1	7.7#

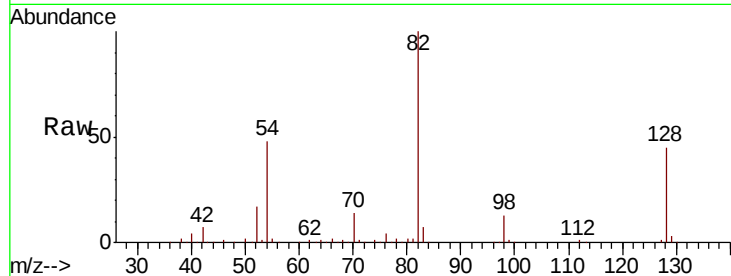




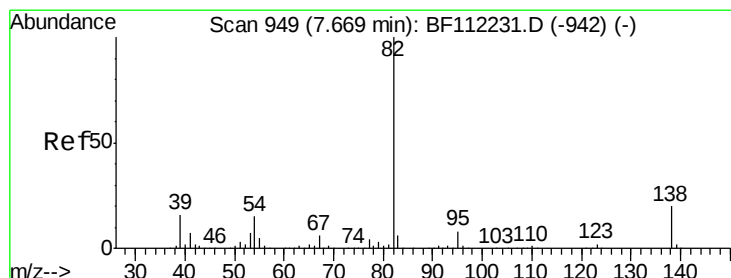
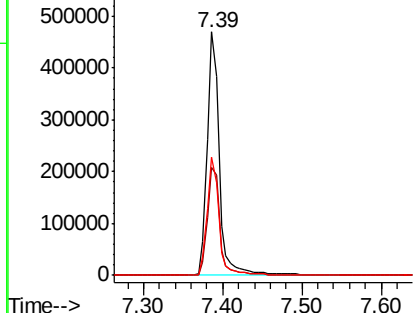
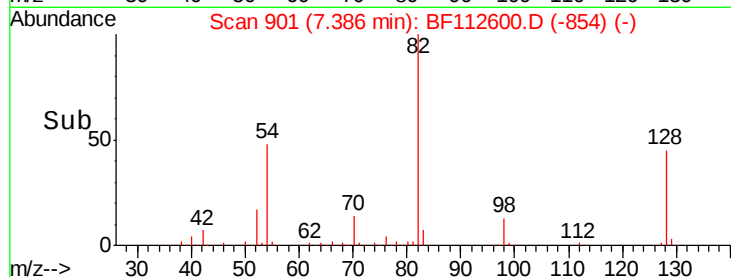
#23
Nitrobenzene-d5
Concen: 78.024 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 507354
Ion Ratio Lower Upper
82 100
128 44.5 37.8 56.8
54 48.3 39.7 59.5

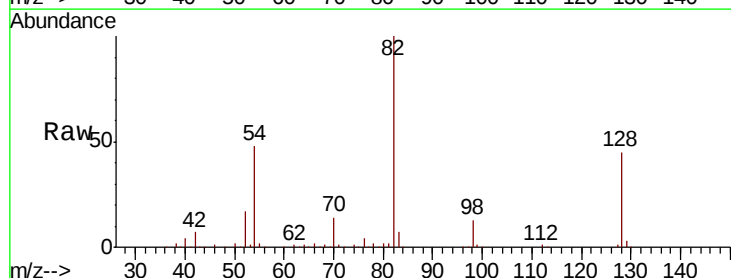


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

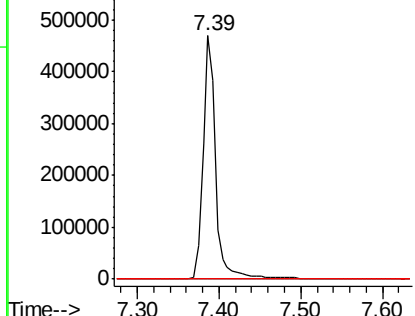
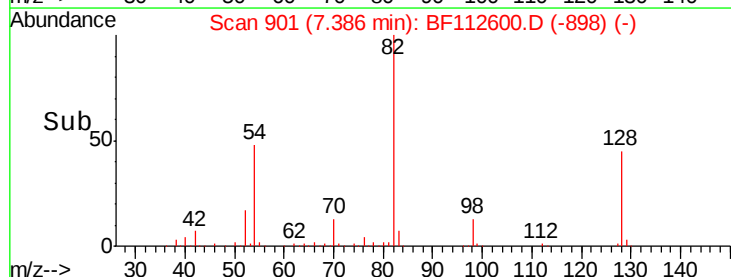


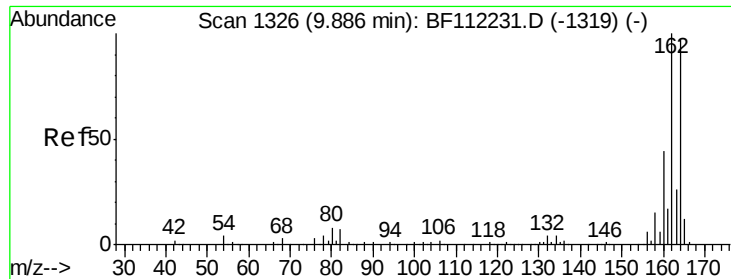
#25
Isophorone
Concen: 49.735 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.28 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion: 82 Resp: 507349
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.4 23.0#



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

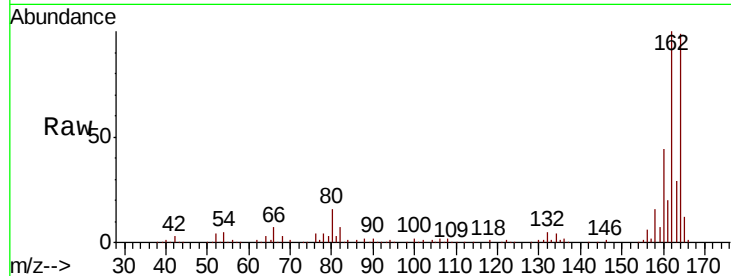




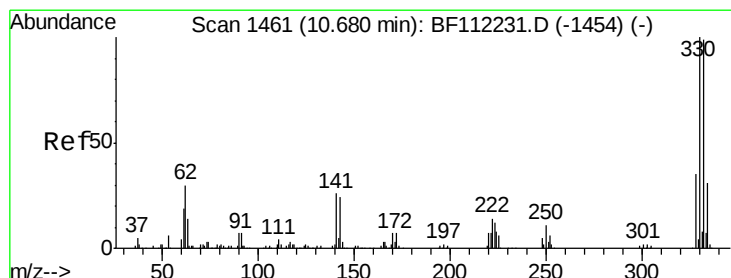
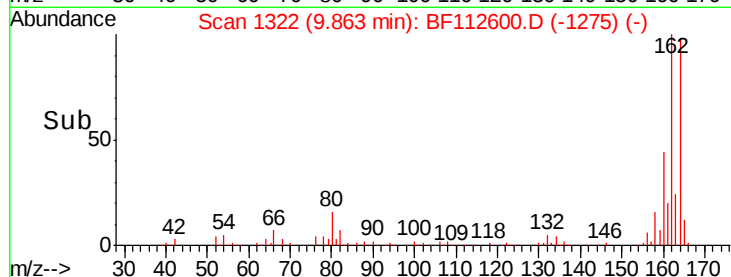
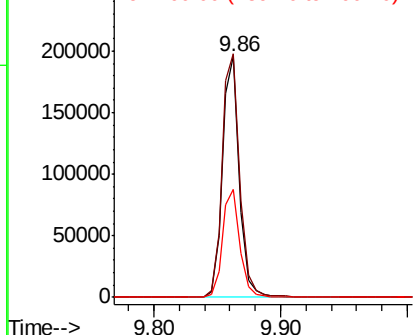
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 181262
Ion Ratio Lower Upper
164 100
162 101.0 82.2 123.4
160 44.6 36.2 54.4

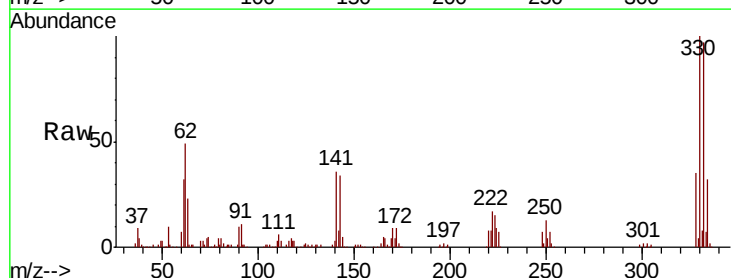


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

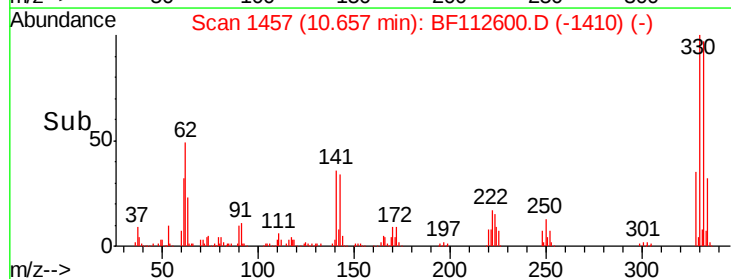
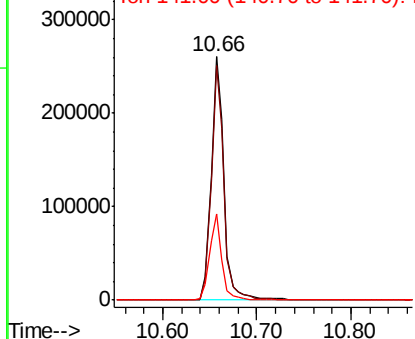


#42
2,4,6-Tribromophenol
Concen: 118.775 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion:330 Resp: 250597
Ion Ratio Lower Upper
330 100
332 95.5 76.6 114.8
141 34.2 24.3 36.5



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

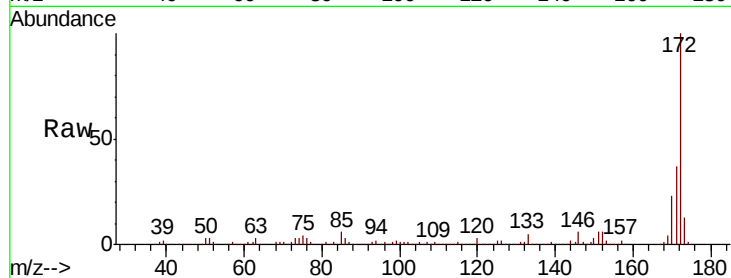




#45
2-Fluorobiphenyl
Concen: 77.932 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.5	45.7
170	23.4	20.2	30.4

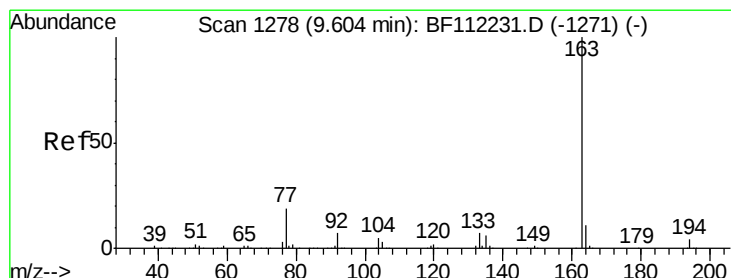
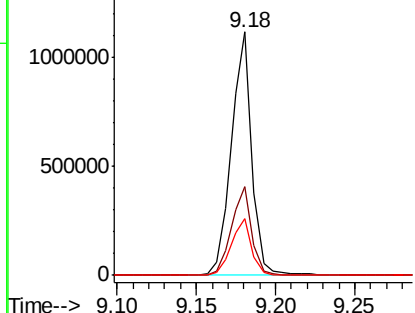
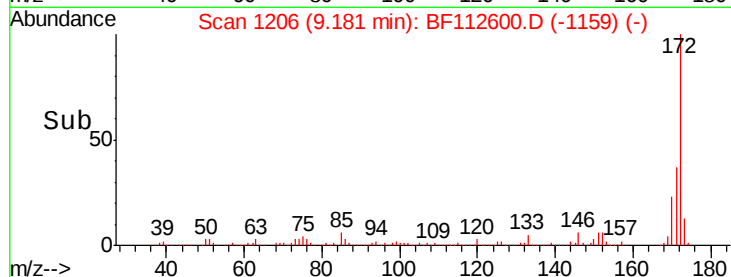


Abundance

Ion 172.00 (171.70 to 172.70): E

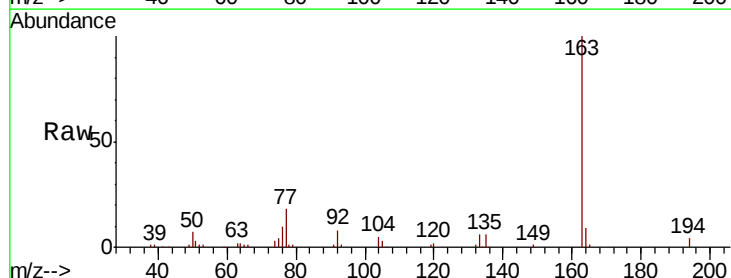
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.366 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	9.4	8.5	12.7

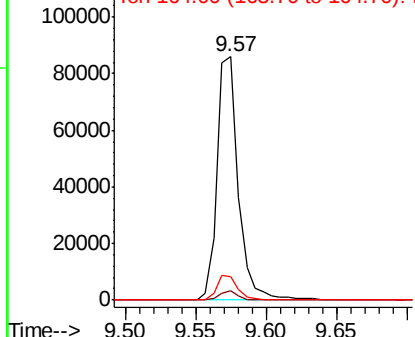
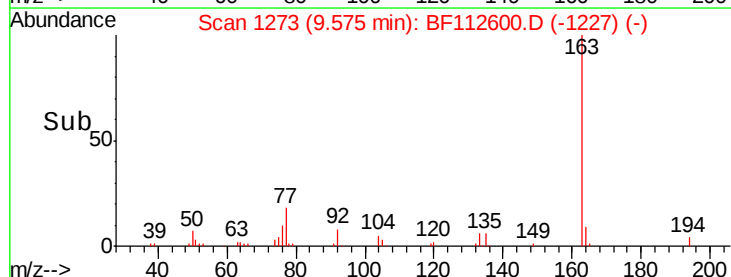


Abundance

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

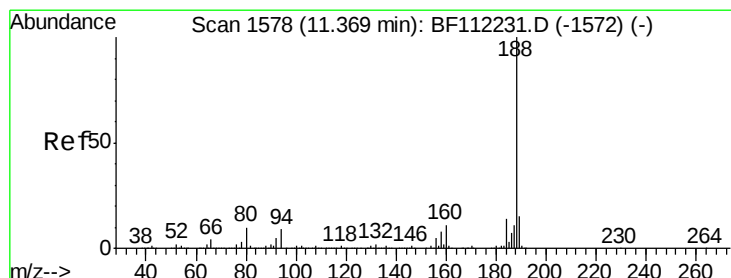
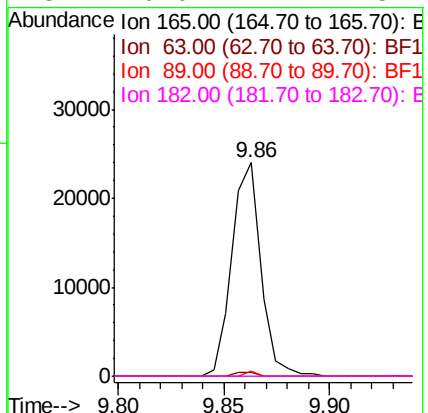
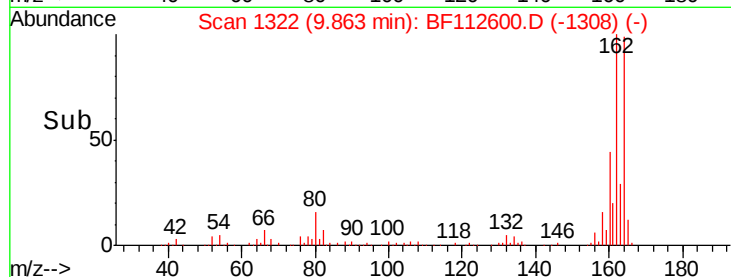
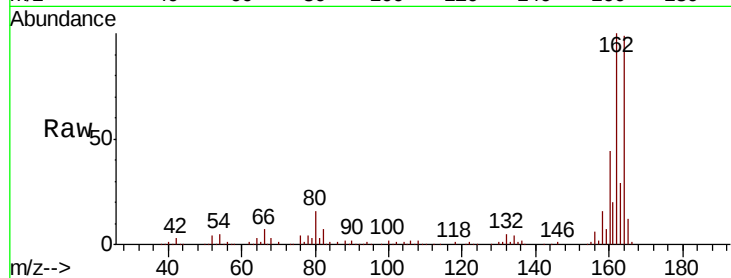




#57
2,4-Dinitrotoluene
Concen: 5.663 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.22 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

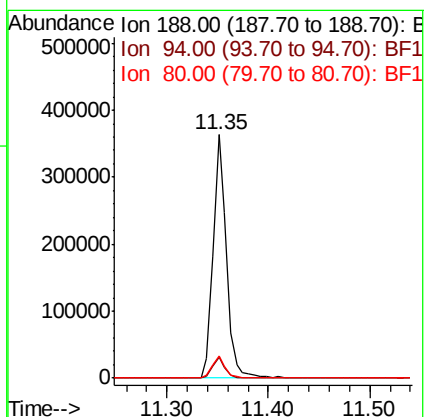
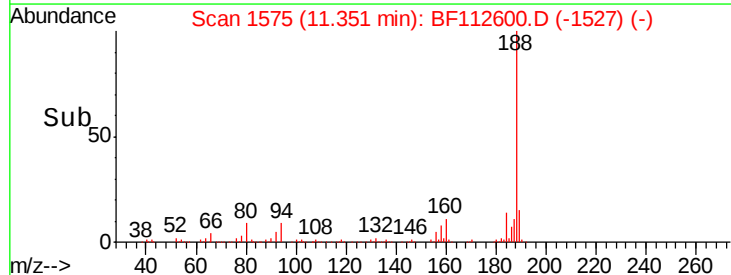
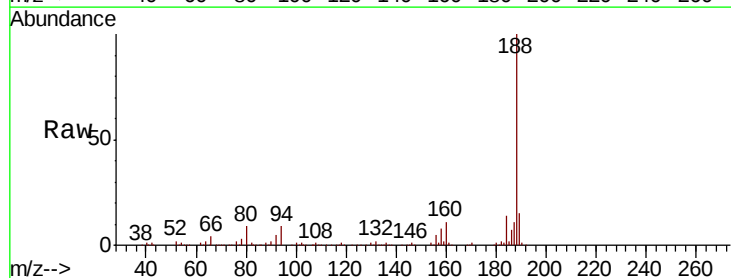
Instrument :
BNA_F
ClientSampleId :

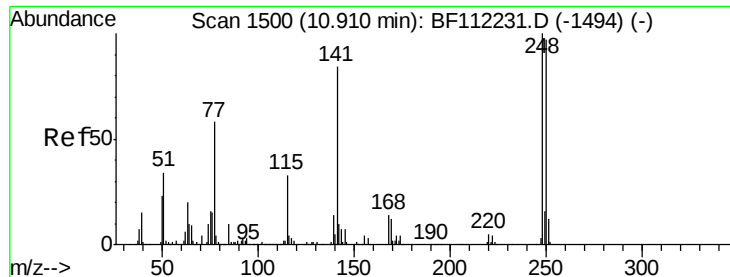
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	27.9	41.9#
89	2.6	47.9	71.9#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.2	12.2
80	8.9	8.9	13.3

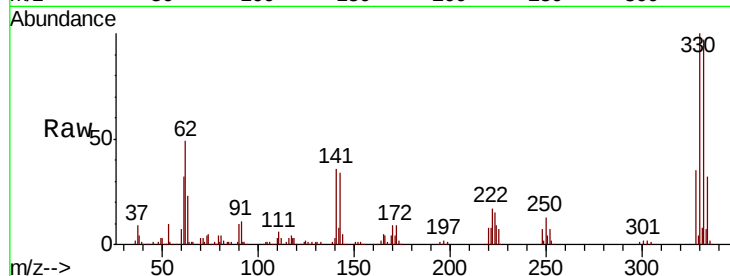




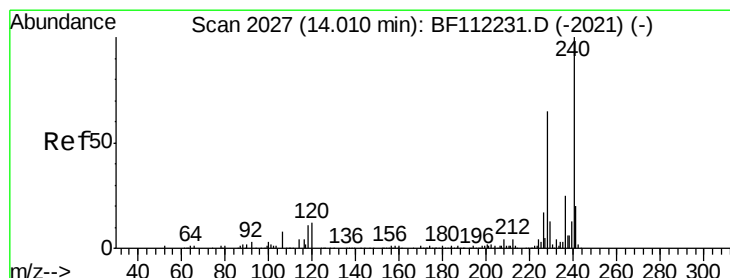
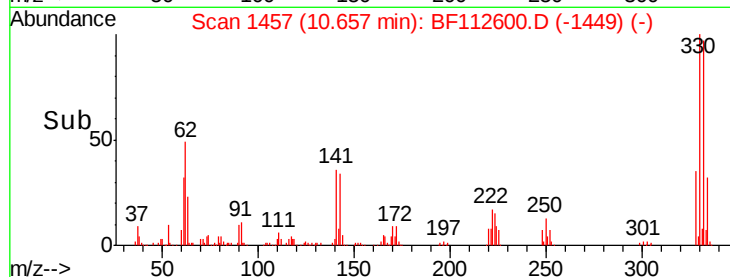
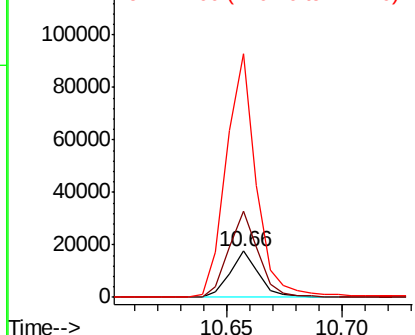
#67
4-Bromophenyl-phenylether
Concen: 3.969 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.25 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15541
Ion Ratio Lower Upper
248 100
250 185.7 79.7 119.5#
141 527.5 60.3 90.5#

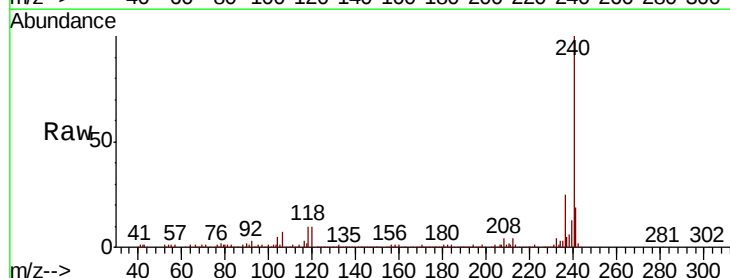


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

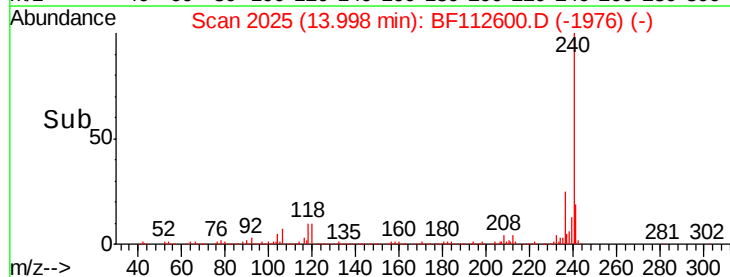
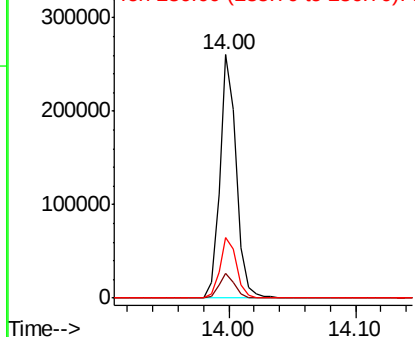


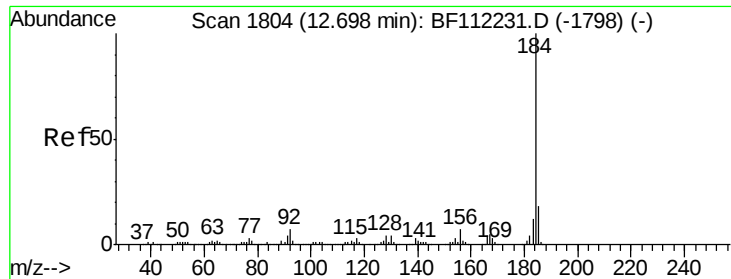
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Tgt Ion:240 Resp: 236786
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.6
236 24.8 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





#77

Benzidine

Concen: 2.108 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.24 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

Instrument :

BNA_F

ClientSampleId :

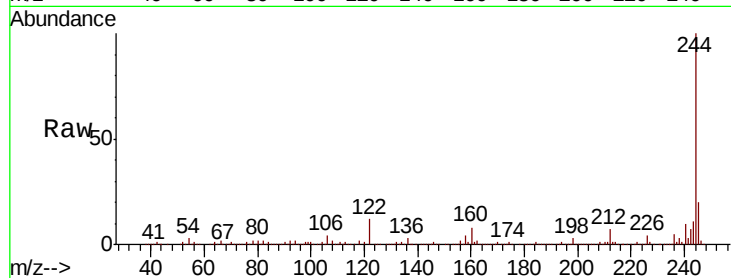
Tot Ion:184 Resp: 13736

Ion Ratio Lower Upper

184 100

185 19.7 13.9 20.9

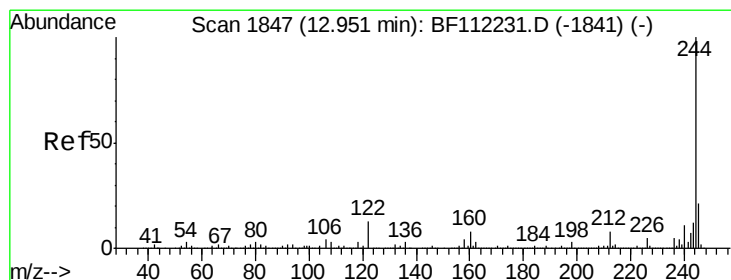
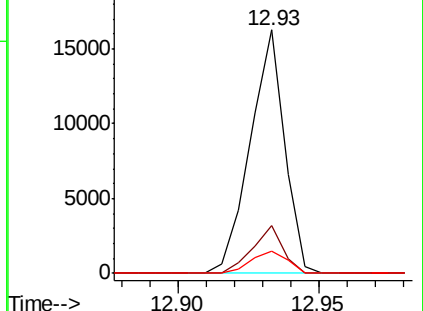
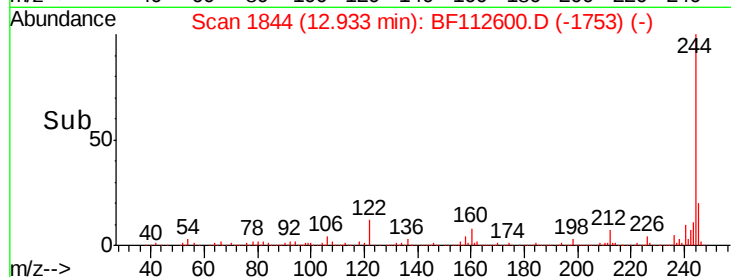
183 9.2 10.0 15.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 75.757 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF112600.D

Acq: 18 Feb 2019 14:52

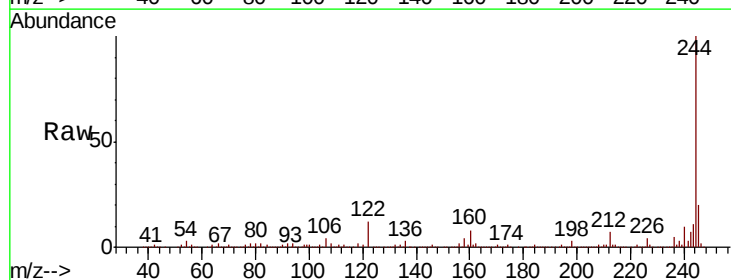
Tgt Ion:244 Resp: 952411

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

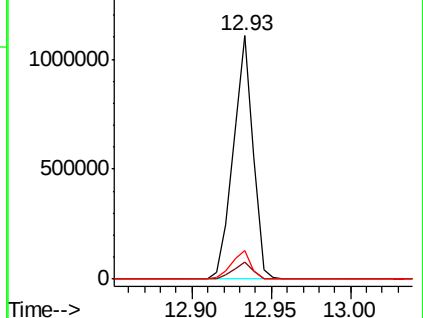
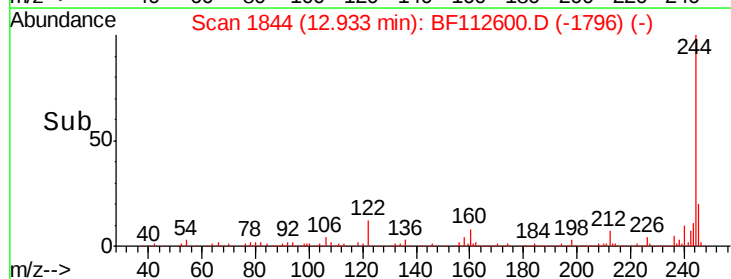
122 11.9 9.8 14.6

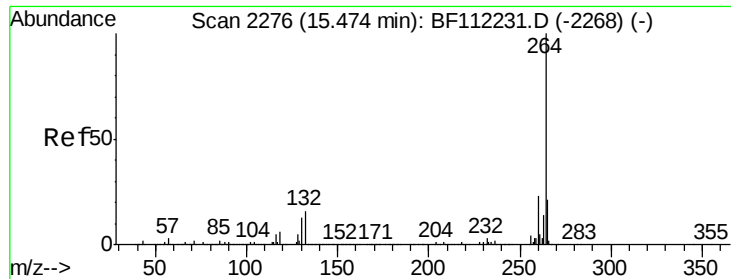


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.47 min Scan# 2276
Delta R.T. 0.00 min
Lab File: BF112600.D
Acq: 18 Feb 2019 14:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.2
265	21.4	17.0	25.4

