

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113630.D
 Acq On : 5 Apr 2019 22:20
 Operator : JU/SJ
 Sample : K2245-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:26:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

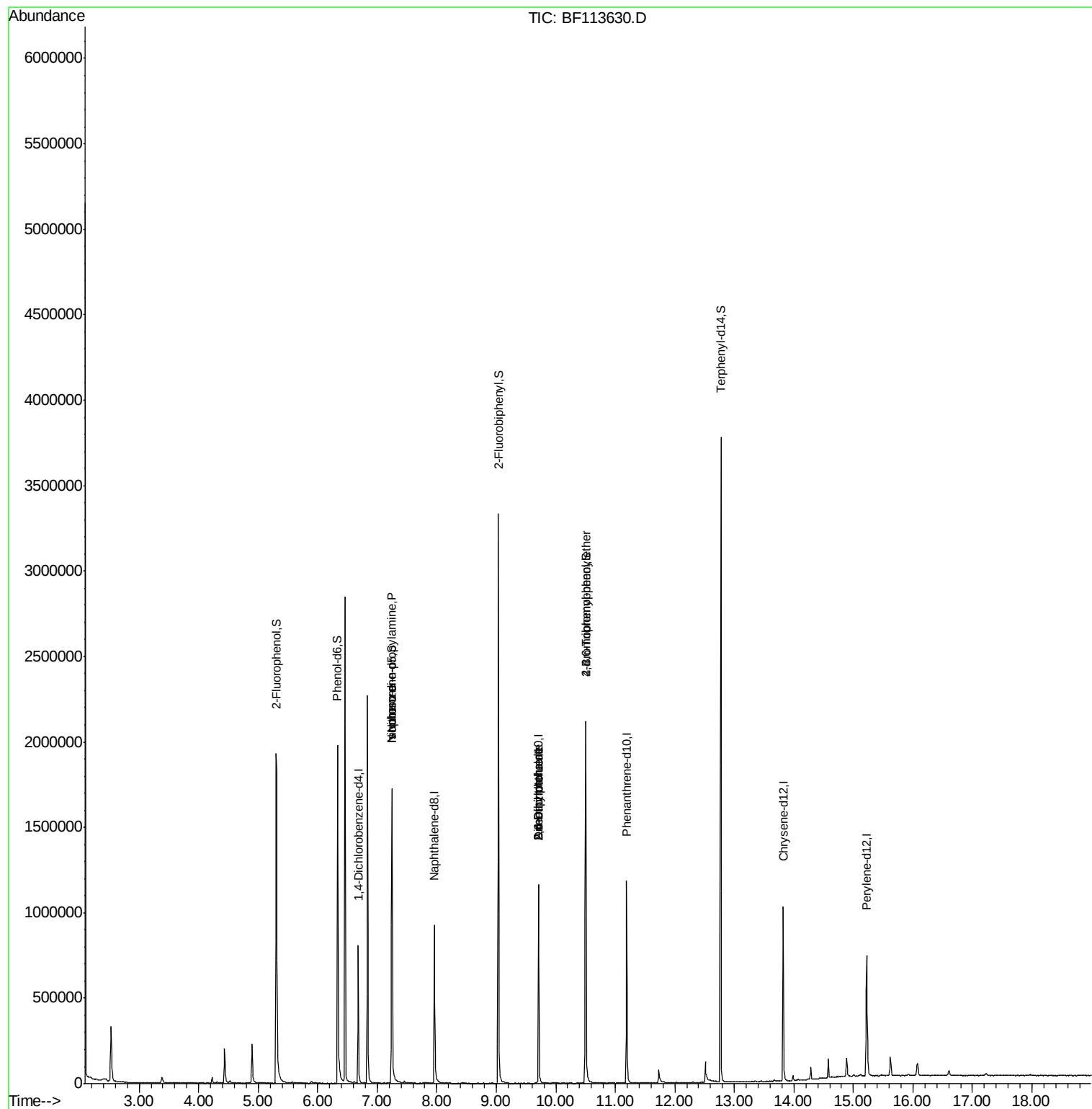
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	123508	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	472320	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	238006	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	496500	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	393228	20.00	ng	-0.02
87) Perylene-d12	15.22	264	331804	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	705043	97.34	ng	0.00
7) Phenol-d6	6.33	99	806534	90.35	ng	0.00
23) Nitrobenzene-d5	7.25	82	632753	78.47	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	343268	120.06	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1188457	80.39	ng	-0.01
79) Terphenyl-d14	12.77	244	1453883	75.28	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	82008	14.898	ng	# 76
25) Isophorone	7.25	82	632750	40.735	ng	# 64
50) Dimethylphthalate	9.71	163	55331	3.154	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	29966	7.749	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	29966	6.407	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	18870	3.389	ng	# 1

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

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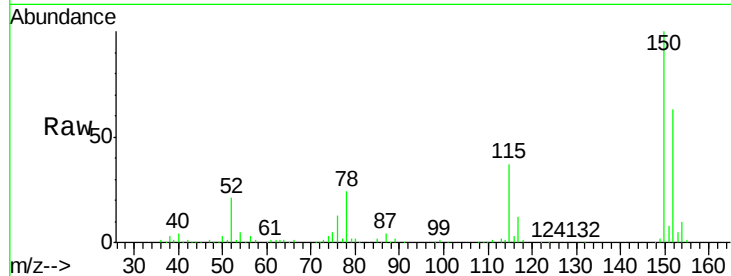


#1

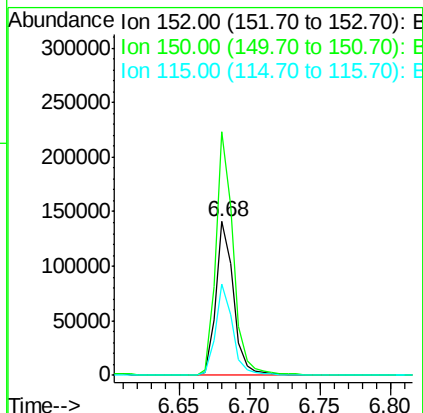
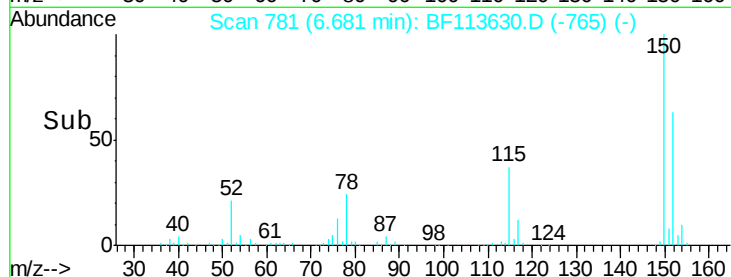
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.7	187.1
115	59.2	46.0	69.0



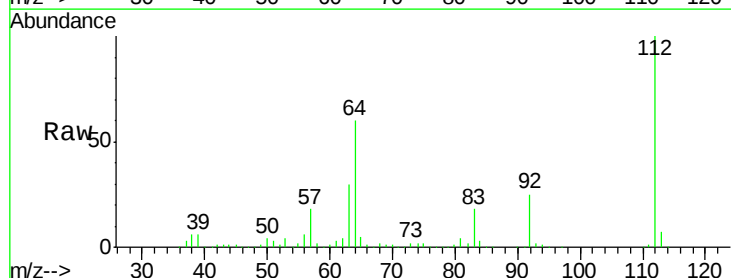
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



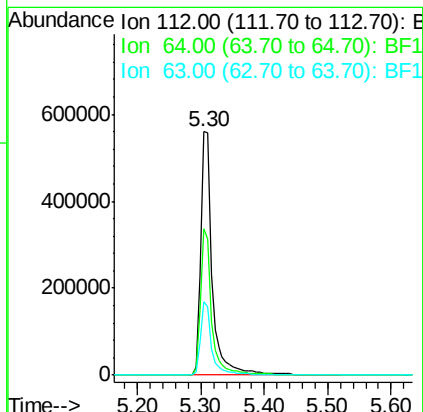
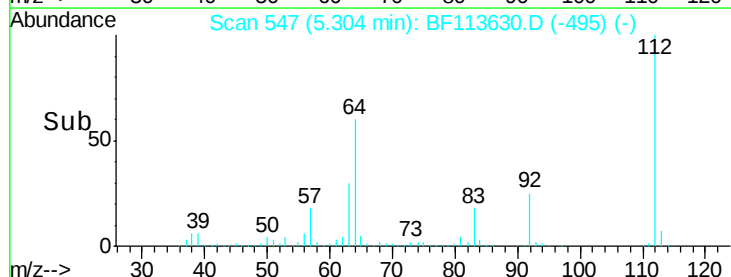
#5

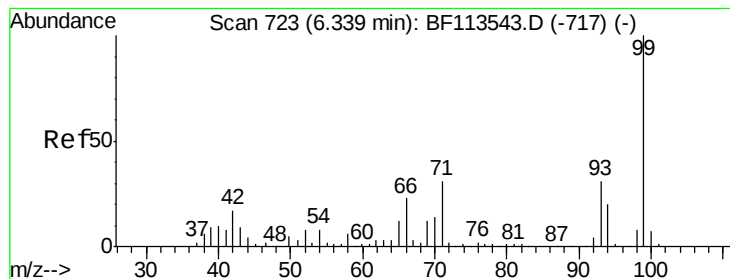
2-Fluorophenol
 Concen: 97.343 ng
 RT: 5.30 min Scan# 547
 Delta R.T. 0.01 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.2	73.8
63	30.4	24.9	37.3



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: 90.349 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113630.D

Acq: 5 Apr 2019 22:20

Instrument :

BNA_F

ClientSampled :

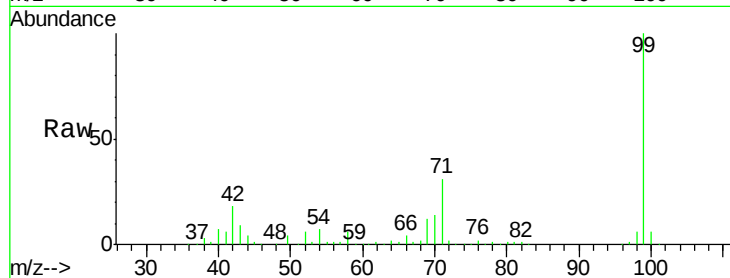
Tot Ion: 99 Resp: 806534

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

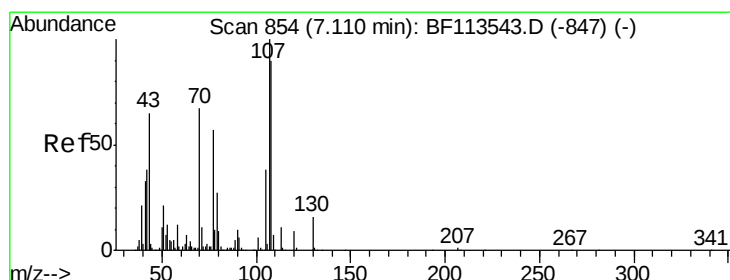
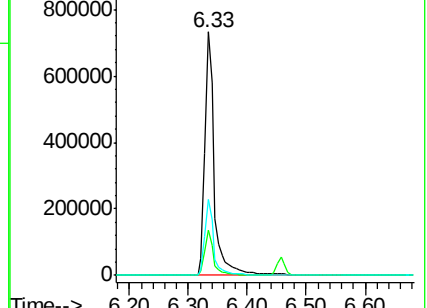
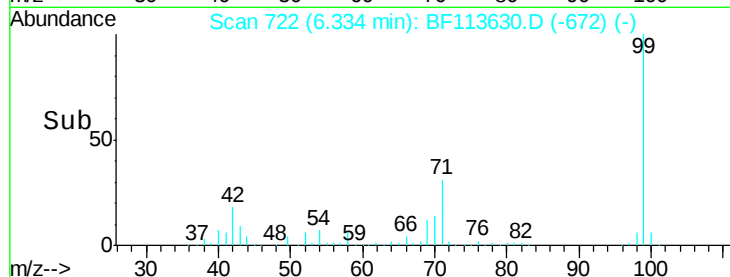
71 31.4 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.898 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113630.D

Acq: 5 Apr 2019 22:20

Tgt Ion: 70 Resp: 82008

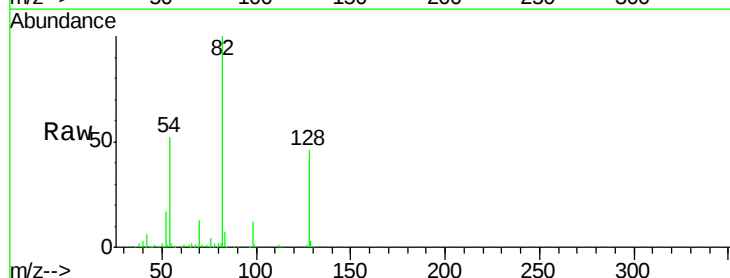
Ion Ratio Lower Upper

70 100

42 48.0 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

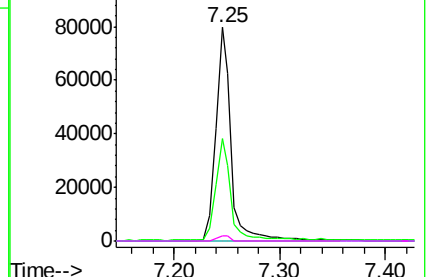
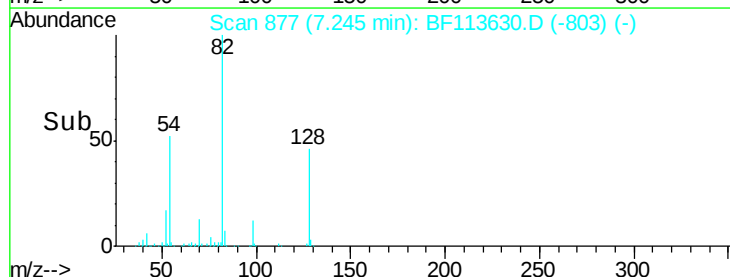


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113630.D

Acq: 5 Apr 2019 22:20

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 472320

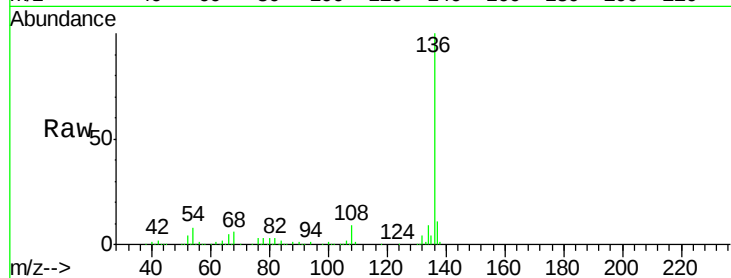
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.6 4.8 7.2

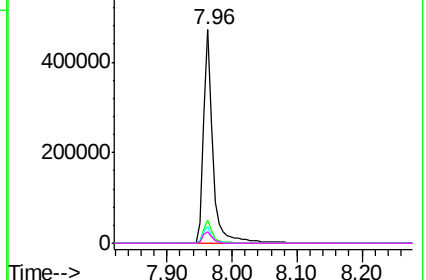
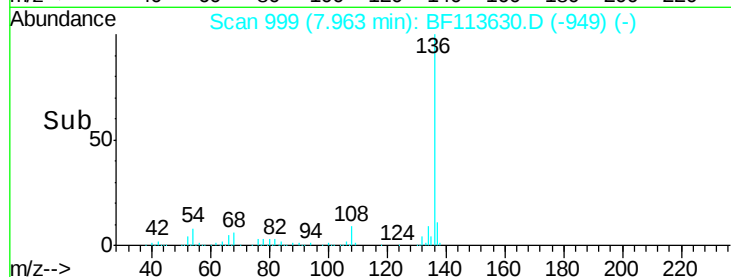


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.472 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113630.D

Acq: 5 Apr 2019 22:20

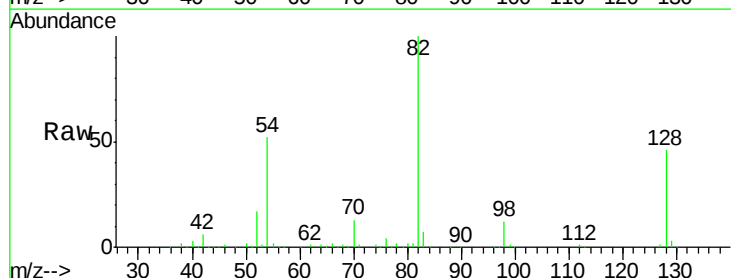
Tgt Ion: 82 Resp: 632753

Ion Ratio Lower Upper

82 100

128 46.0 36.5 54.7

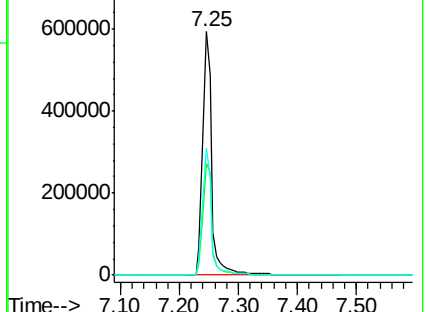
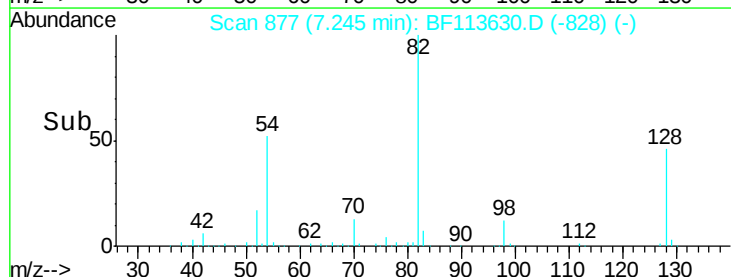
54 52.4 42.2 63.2

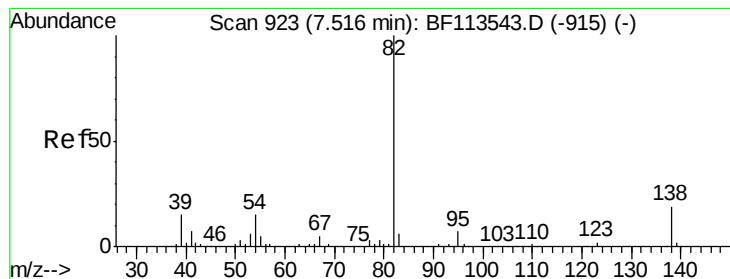


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 40.735 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113630.D

Acq: 5 Apr 2019 22:20

Instrument :

BNA_F

ClientSampleId :

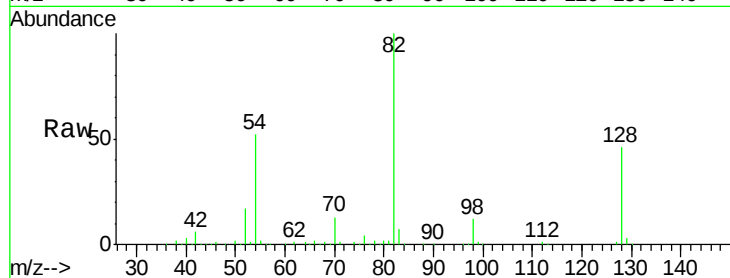
Tot Ion: 82 Resp: 632750

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

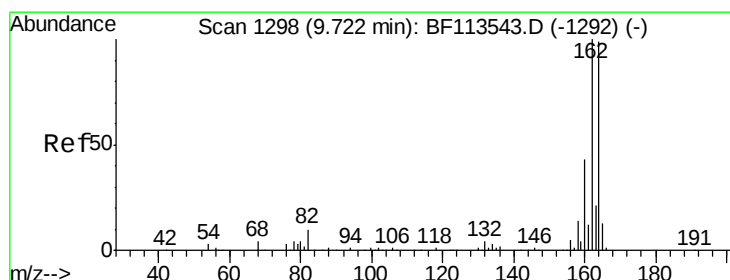
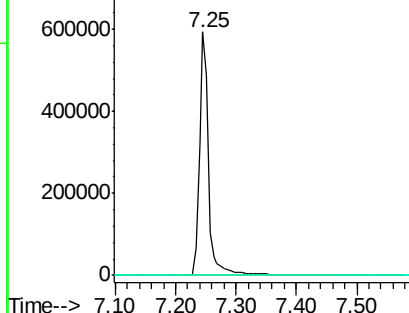
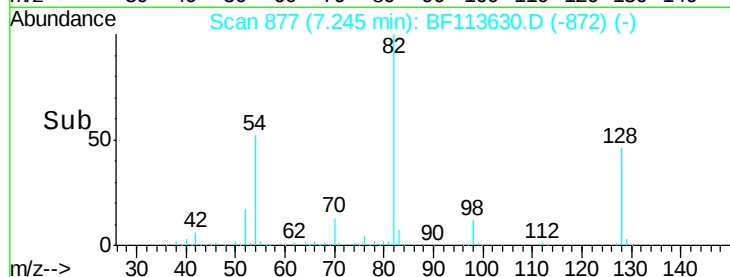
138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113630.D

Acq: 5 Apr 2019 22:20

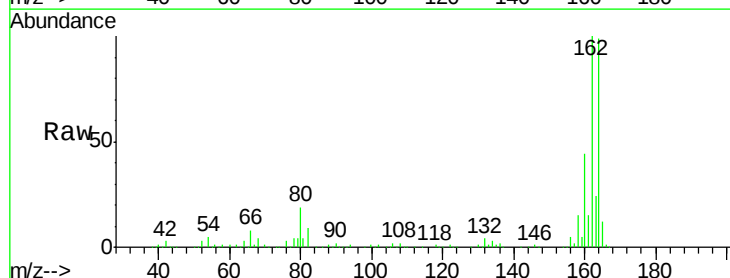
Tgt Ion:164 Resp: 238006

Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

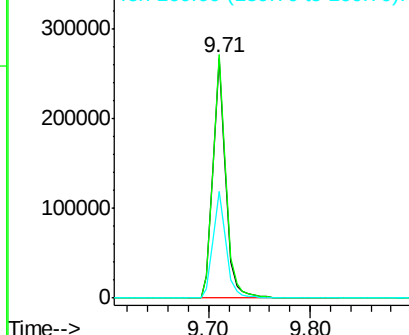
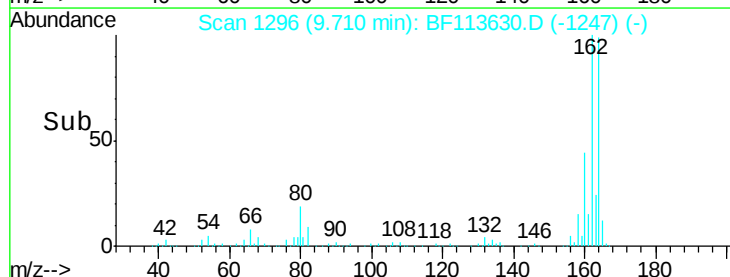
160 44.3 36.4 54.6



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

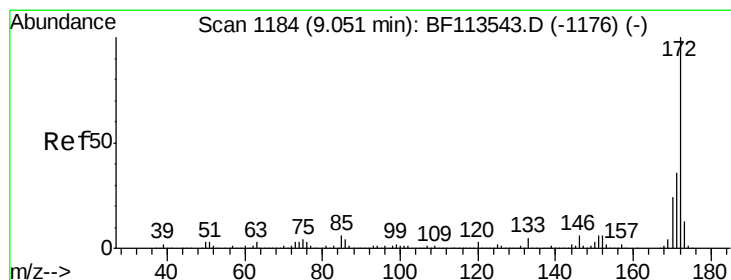
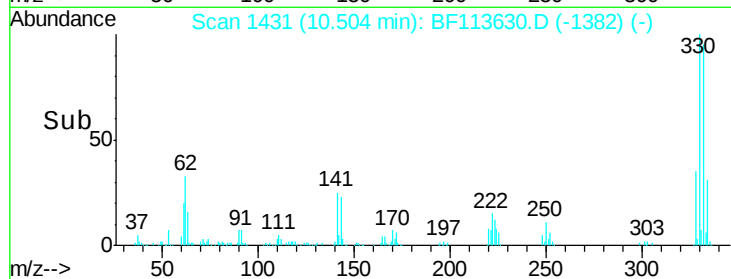
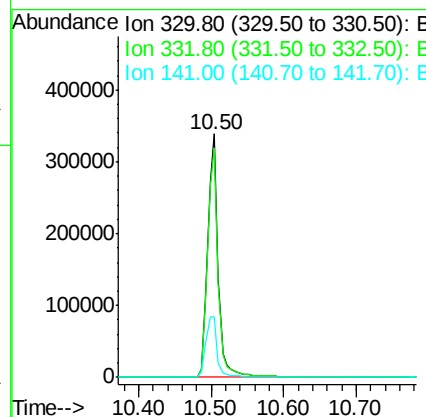
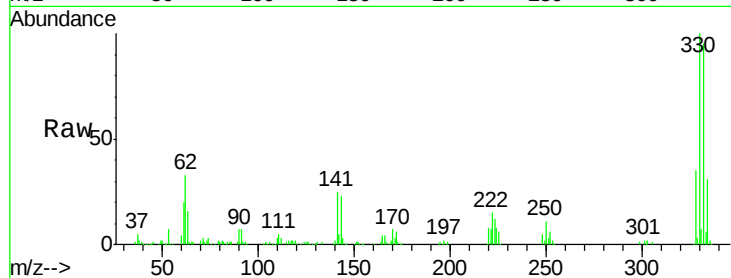




#42
 2,4,6-Tribromophenol
 Concen: 120.064 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

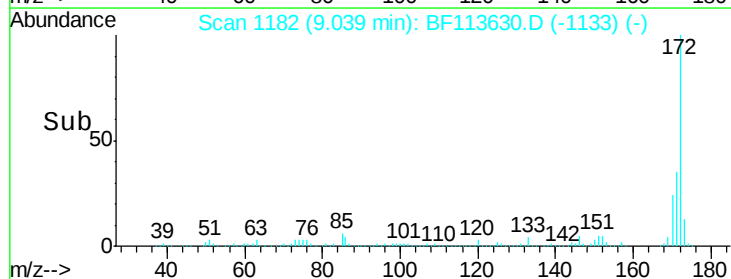
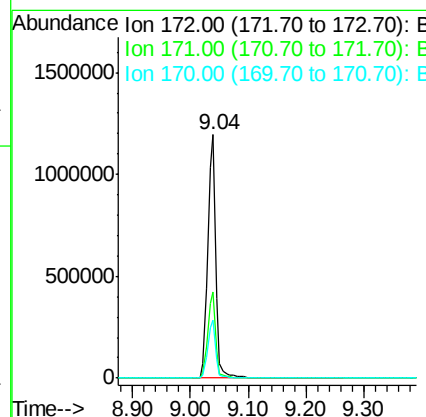
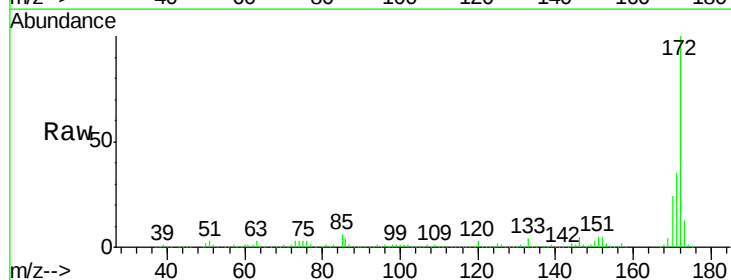
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 343268
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.8 116.6
 141 27.5 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 80.388 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

Tgt Ion:172 Resp: 1188457
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.0 43.6
 170 24.0 19.5 29.3

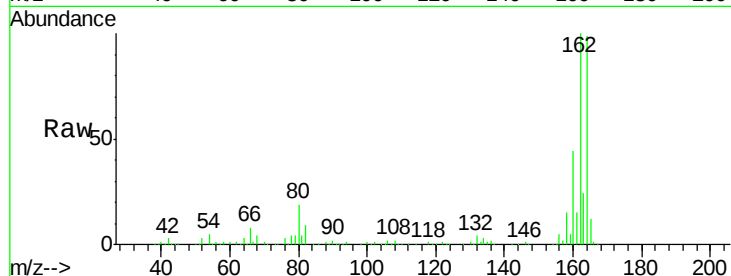




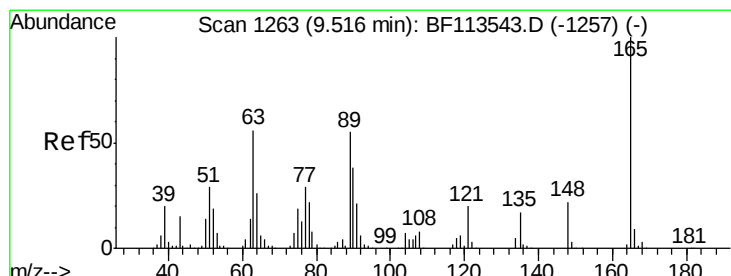
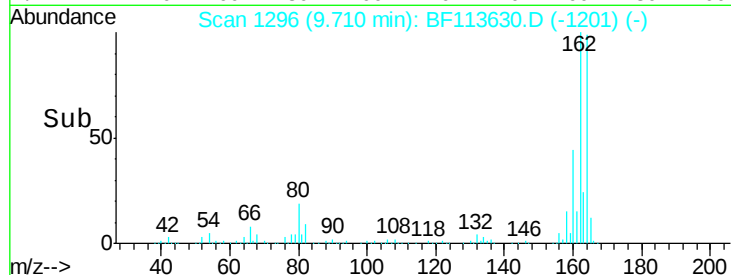
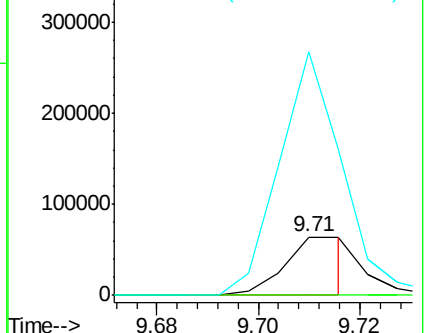
#50
Dimethylphthalate
Concen: 3.154 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.26 min
Lab File: BF113630.D
Acq: 5 Apr 2019 22:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 55331
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 416.5 8.1 12.1#

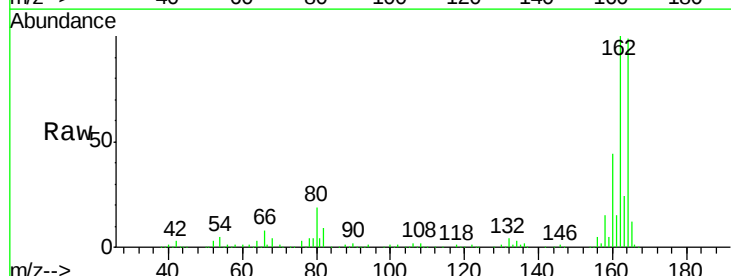


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

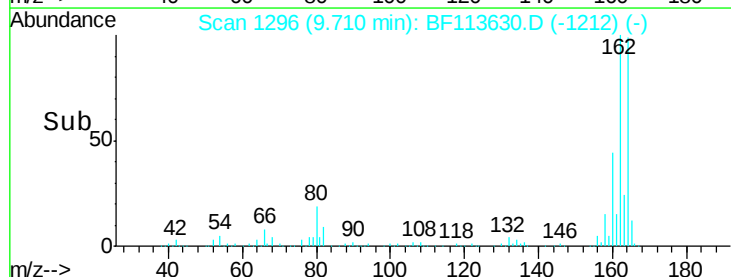
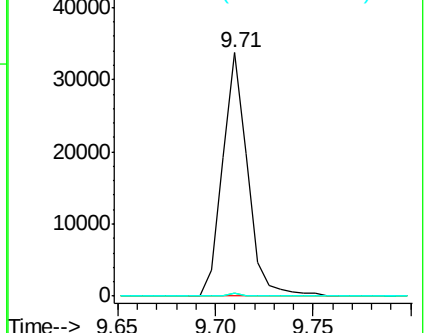


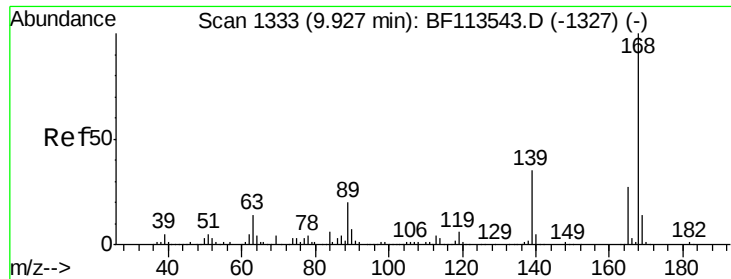
#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.19 min
Lab File: BF113630.D
Acq: 5 Apr 2019 22:20

Tgt Ion:165 Resp: 29966
Ion Ratio Lower Upper
165 100
63 1.3 43.4 65.0#
89 1.2 43.1 64.7#



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

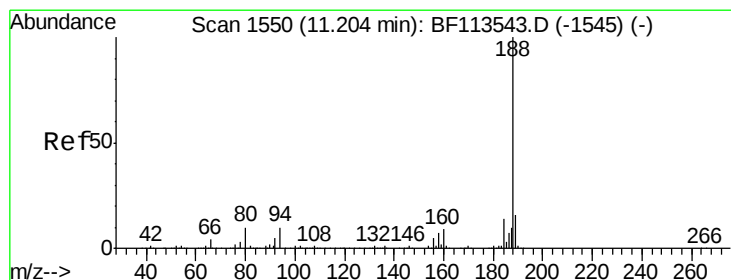
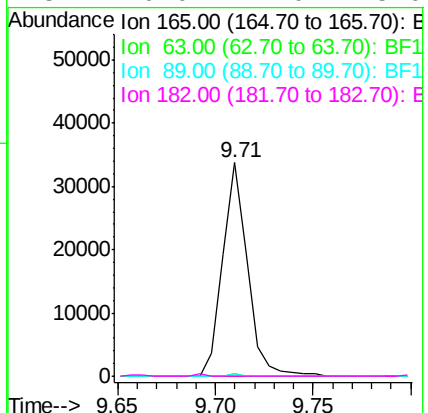
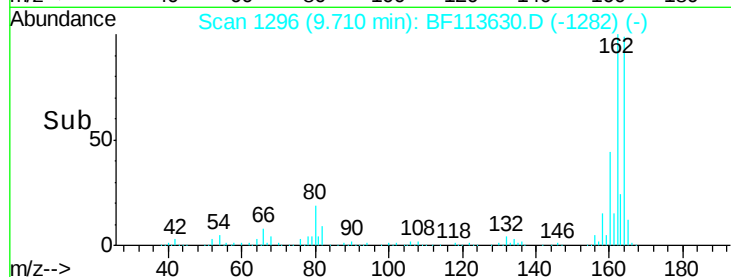
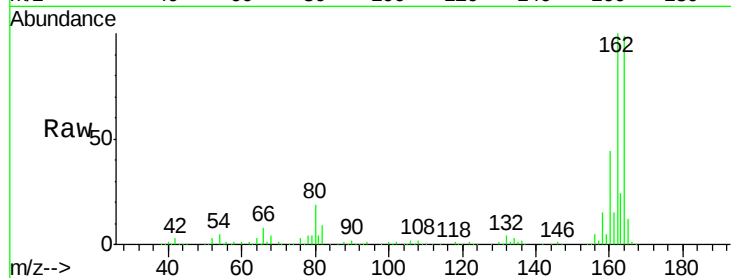




#57
 2,4-Dinitrotoluene
 Concen: 6.407 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

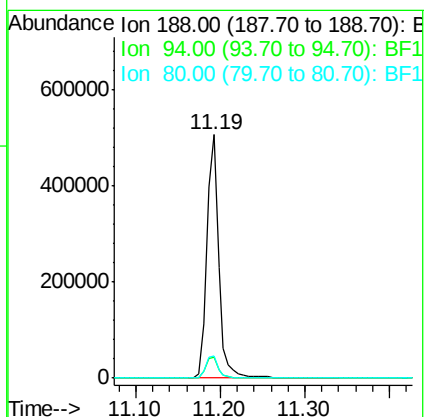
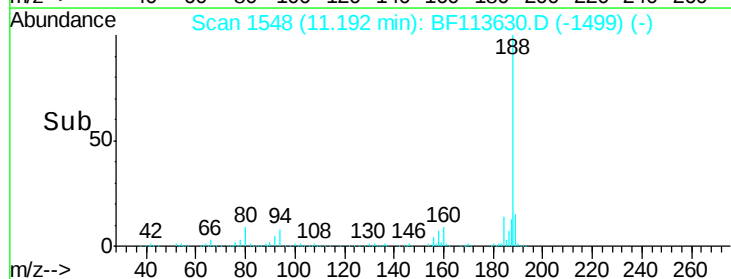
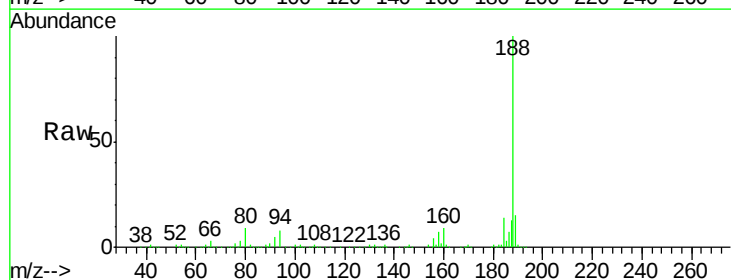
Instrument :
 BNA_F
 ClientSampleId :

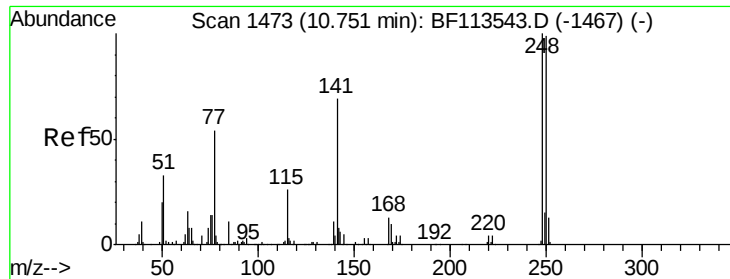
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	37.5	56.3#
89	1.2	57.4	86.2#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.6
80	9.1	7.7	11.5

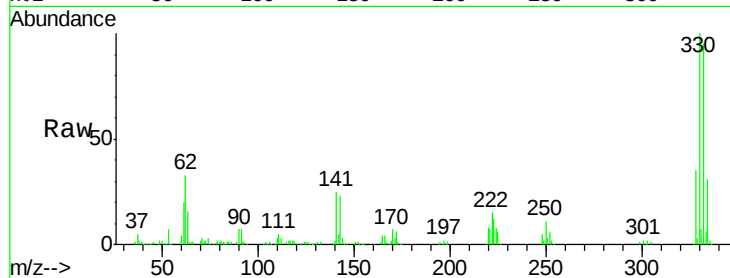




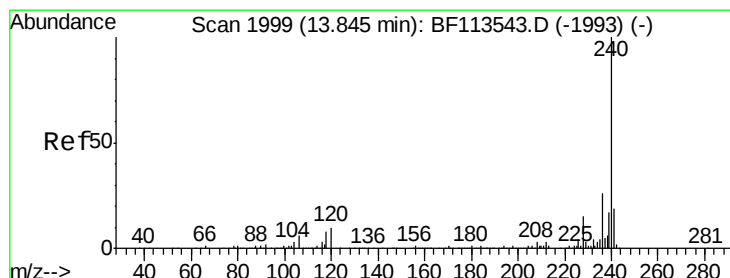
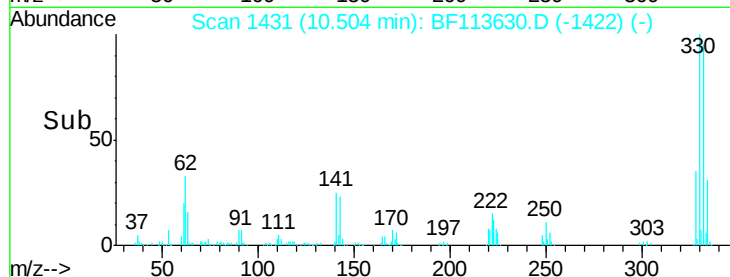
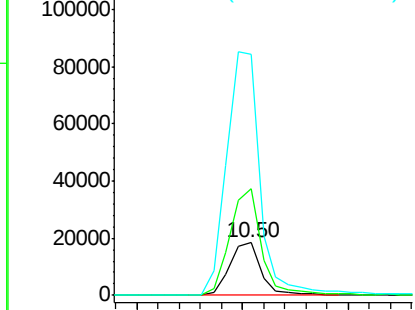
#67
4-Bromophenyl-phenylether
Concen: 3.389 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113630.D
Acq: 5 Apr 2019 22:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18870
Ion Ratio Lower Upper
248 100
250 202.3 78.3 117.5#
141 456.5 56.2 84.4#

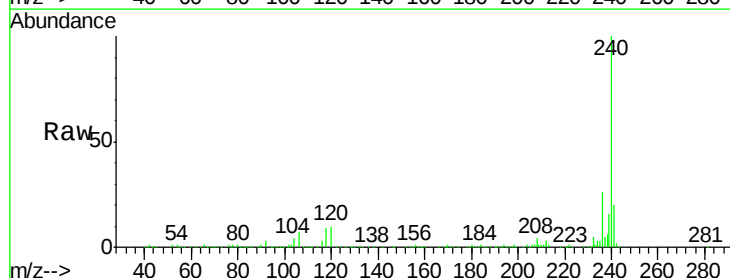


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

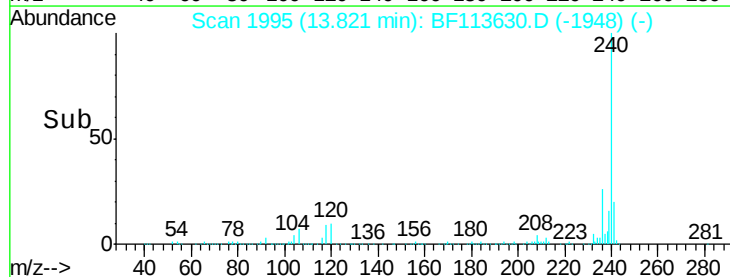
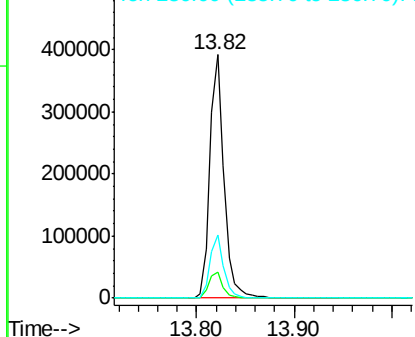


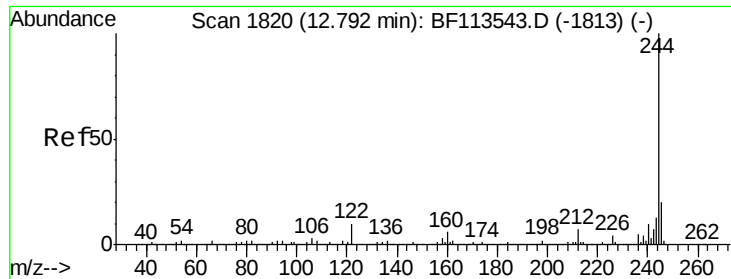
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113630.D
Acq: 5 Apr 2019 22:20

Tgt Ion:240 Resp: 393228
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.8 20.9 31.3



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



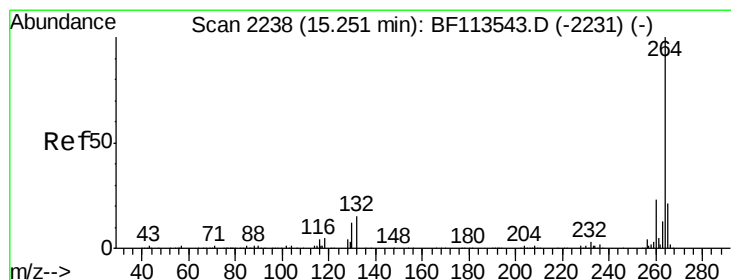
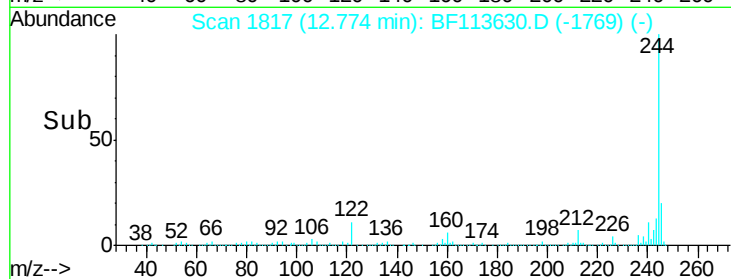
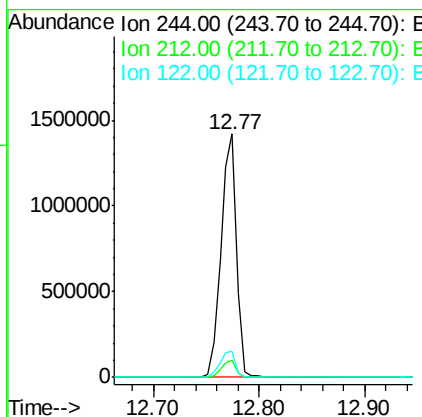
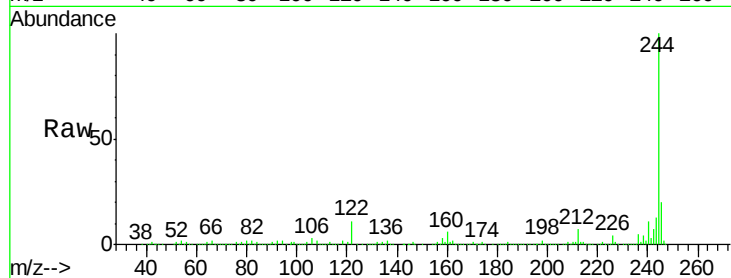


#79
 Terphenyl-d14
 Concen: 75.278 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1453883

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.6	8.6	13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.03 min
 Lab File: BF113630.D
 Acq: 5 Apr 2019 22:20

Tgt Ion:264 Resp: 331804

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.9	17.1	25.7

