

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113622.D
 Acq On : 5 Apr 2019 18:34
 Operator : JU/SJ
 Sample : K2221-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 05 23:24:05 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

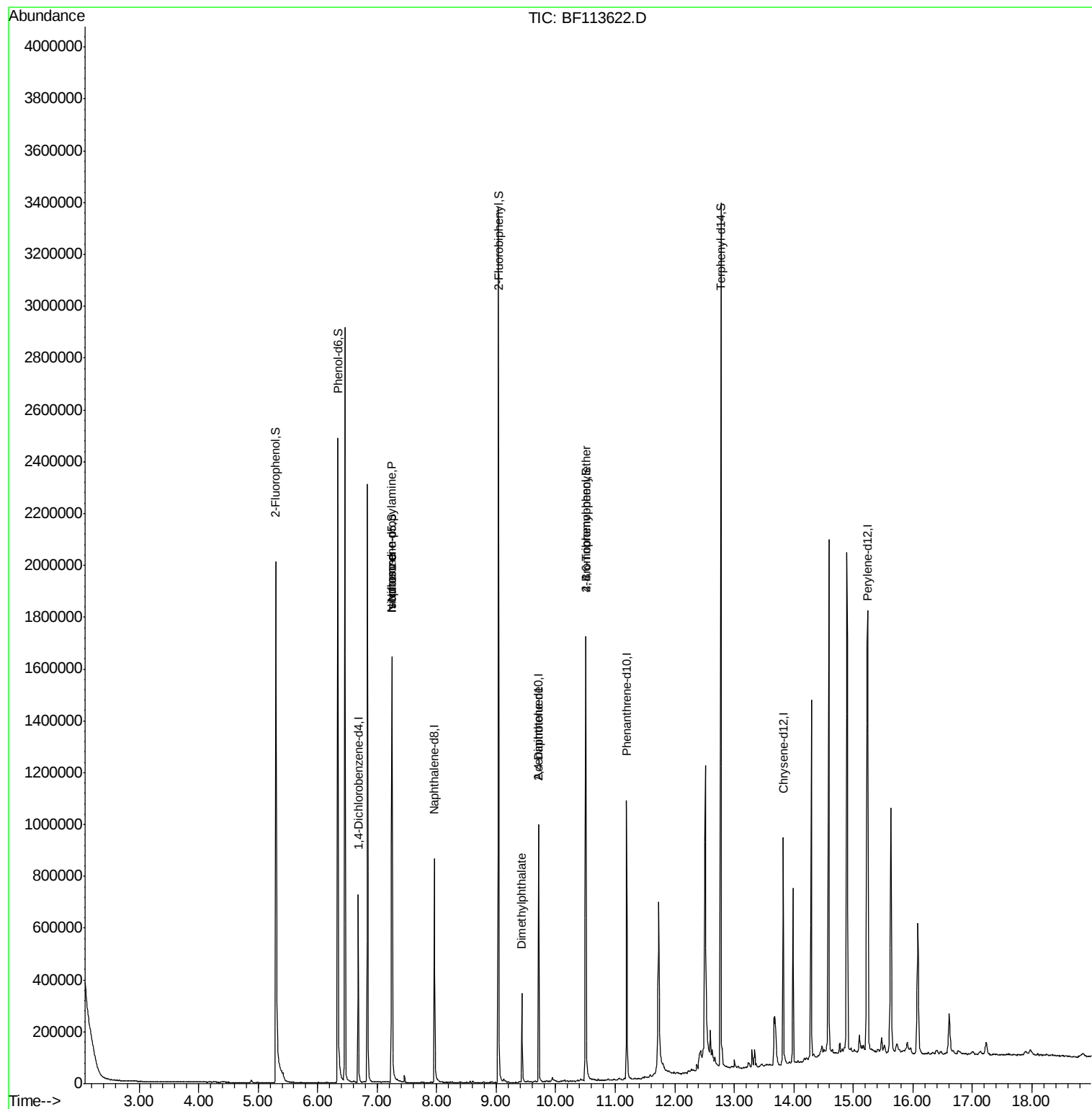
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	106503	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	398306	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	195855	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	400640	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	310088	20.00	ng	-0.02
87) Perylene-d12	15.23	264	274403	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	785049	125.69	ng	0.00
7) Phenol-d6	6.34	99	980970	127.43	ng	0.00
23) Nitrobenzene-d5	7.25	82	598939	88.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	262633	111.63	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	1084766	89.17	ng	-0.01
79) Terphenyl-d14	12.77	244	1186909	77.93	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	76132	16.039	ng	# 77
25) Isophorone	7.25	82	598936	45.723	ng	# 64
50) Dimethylphthalate	9.43	163	138744	9.610	ng	100
57) 2,4-Dinitrotoluene	9.71	165	25382	6.595	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	14993	3.337	ng	# 1

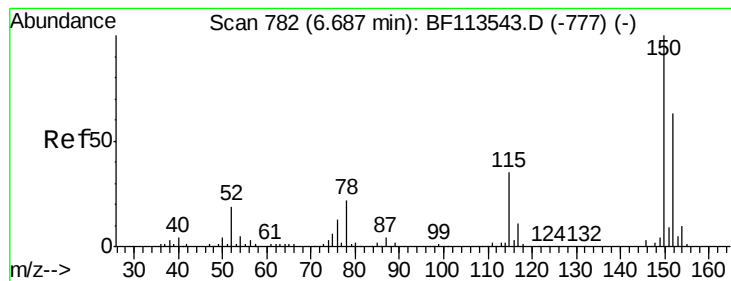
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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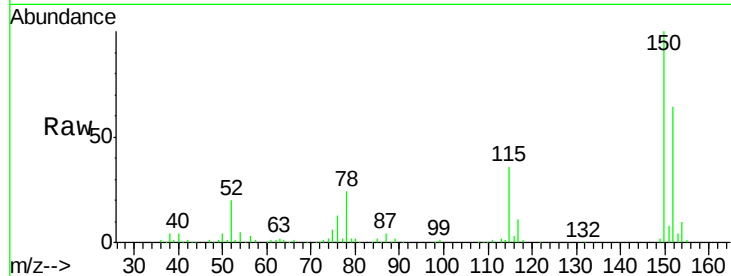


#1

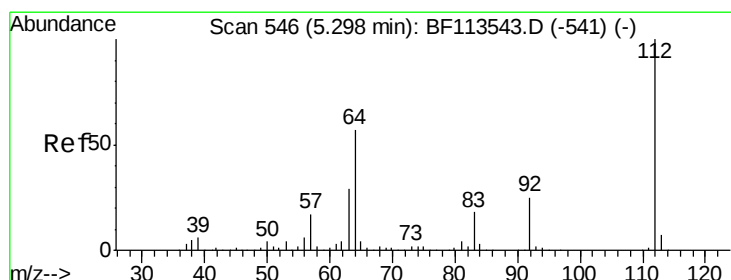
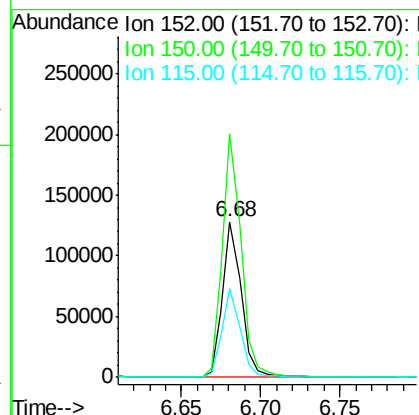
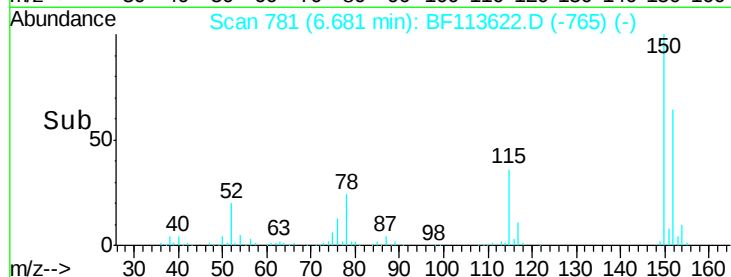
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113622.D
Acq: 5 Apr 2019 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106503
Ion Ratio Lower Upper
152 100
150 156.2 124.7 187.1
115 56.9 46.0 69.0



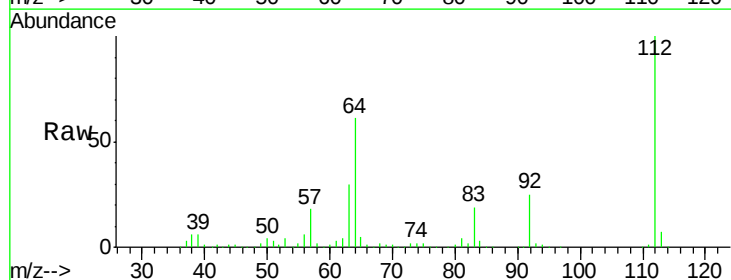
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



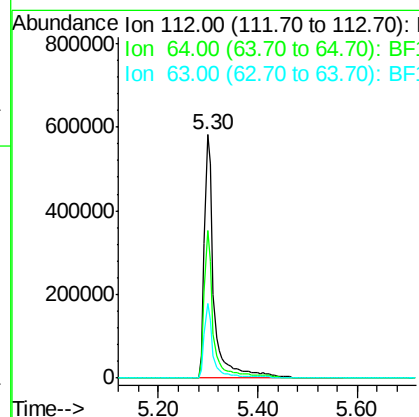
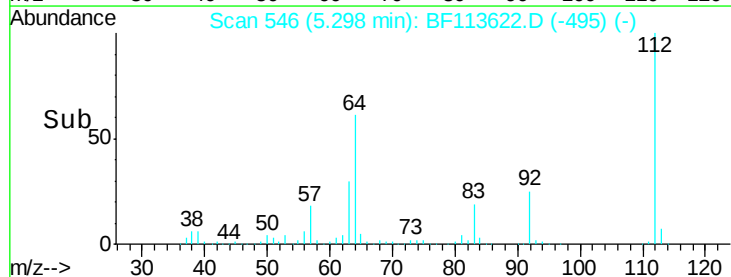
#5

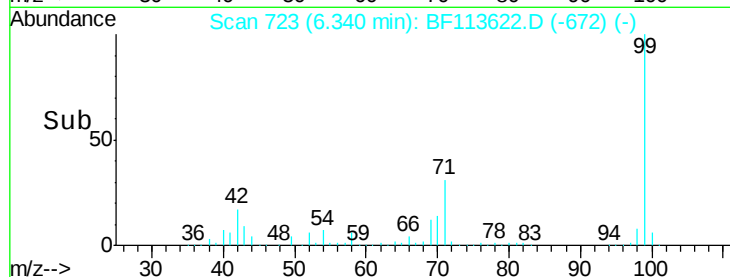
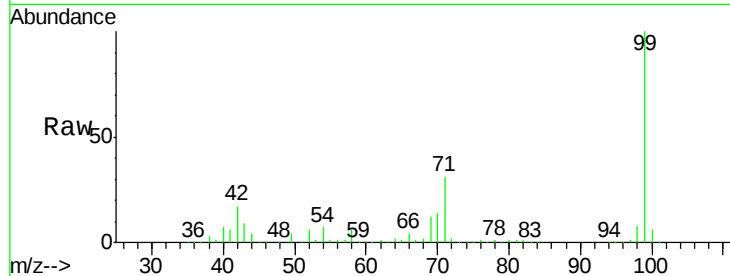
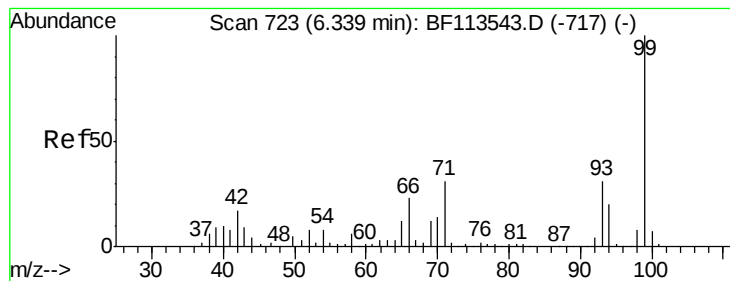
2-Fluorophenol
Concen: 125.695 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113622.D
Acq: 5 Apr 2019 18:34

Tgt Ion:112 Resp: 785049
Ion Ratio Lower Upper
112 100
64 60.7 49.2 73.8
63 30.5 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: 127.435 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Instrument :

BNA_F

ClientSampled :

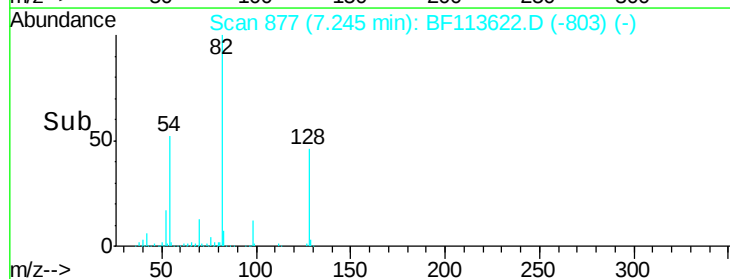
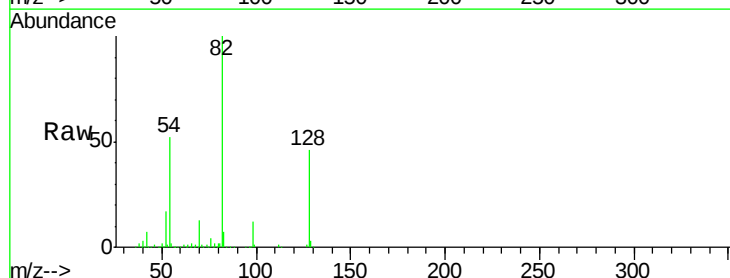
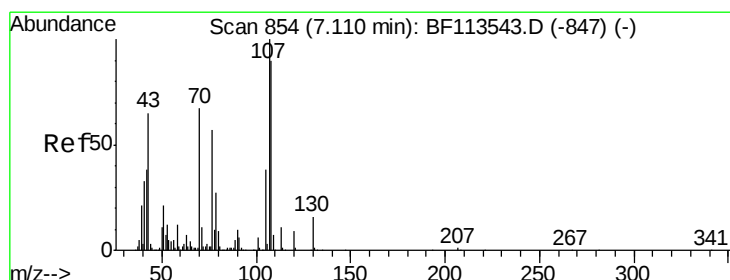
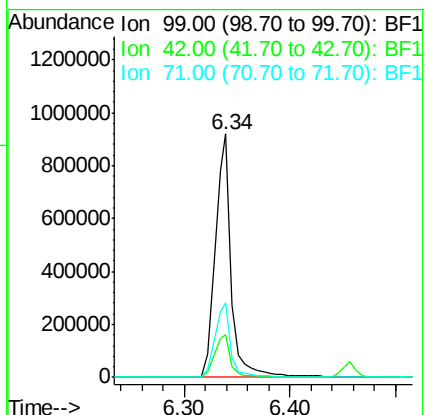
Tot Ion: 99 Resp: 980970

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

71 30.8 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 16.039 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Tgt Ion: 70 Resp: 76132

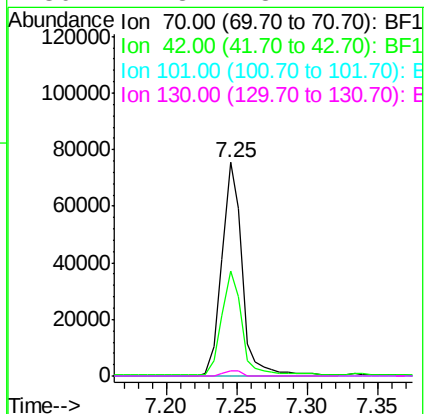
Ion Ratio Lower Upper

70 100

42 49.0 48.4 72.6

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 398306

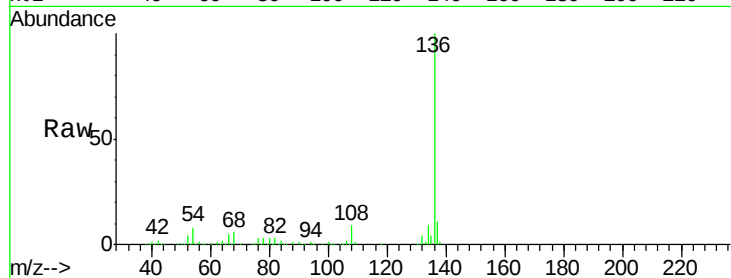
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.9 7.0 10.6

68 6.0 4.8 7.2

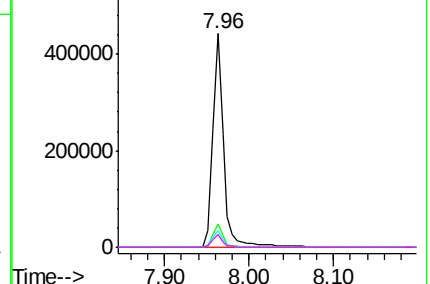
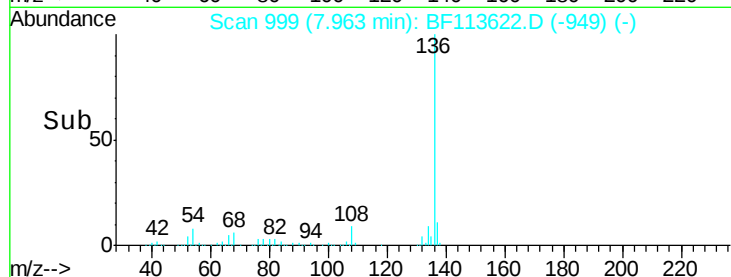


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.081 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

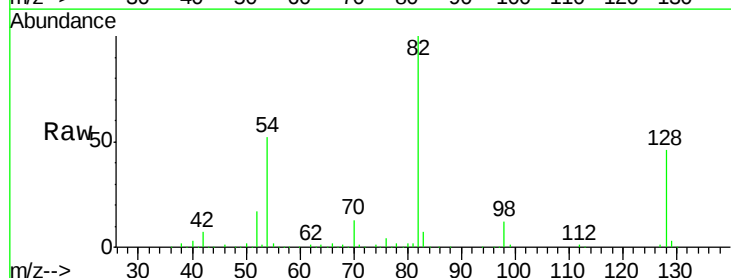
Tgt Ion: 82 Resp: 598939

Ion Ratio Lower Upper

82 100

128 46.1 36.5 54.7

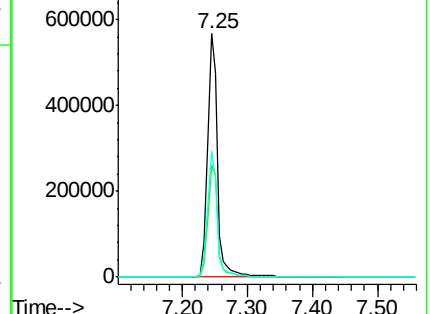
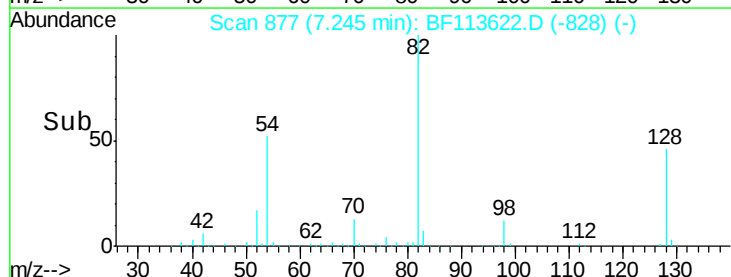
54 51.8 42.2 63.2

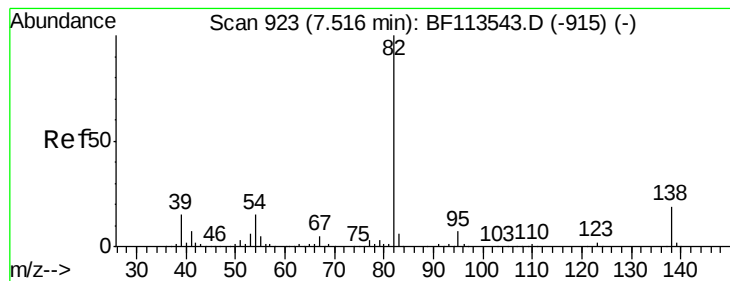


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.723 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Instrument :

BNA_F

ClientSampleId :

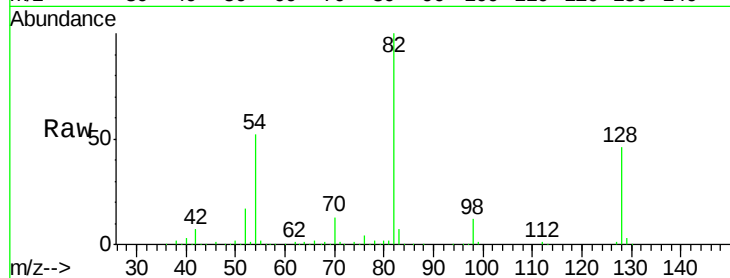
Tot Ion: 82 Resp: 598936

Ion Ratio Lower Upper

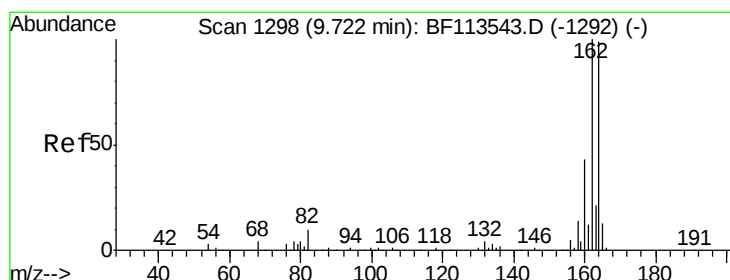
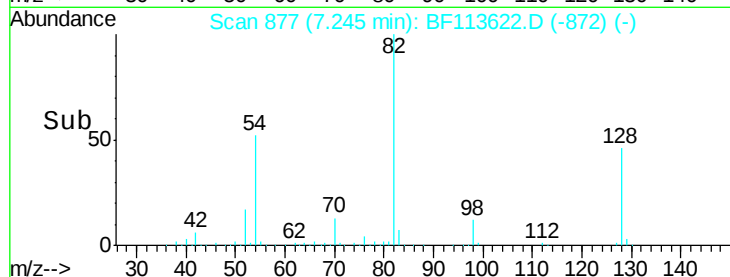
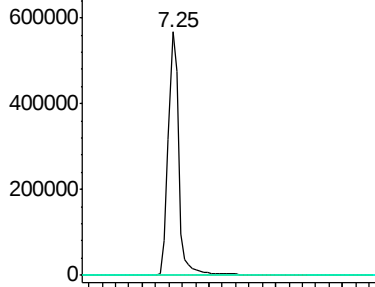
82 100

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: BF113622.D

Acq: 5 Apr 2019 18:34

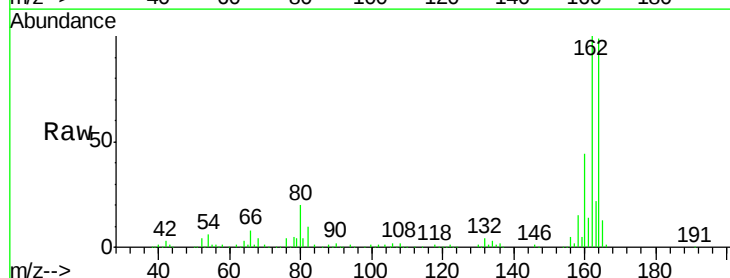
Tgt Ion:164 Resp: 195855

Ion Ratio Lower Upper

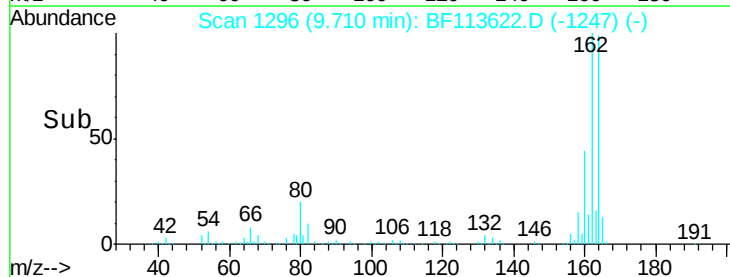
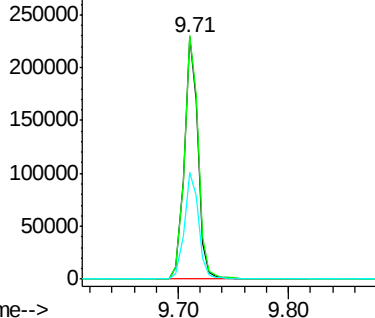
164 100

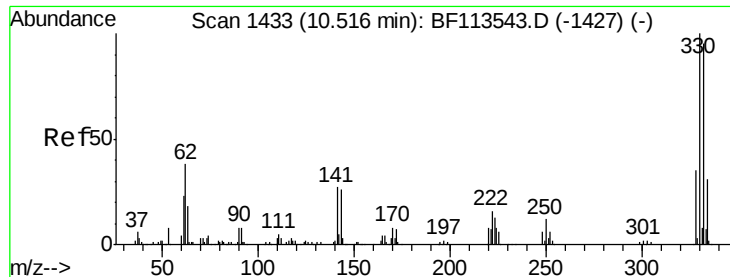
162 100.6 81.8 122.6

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

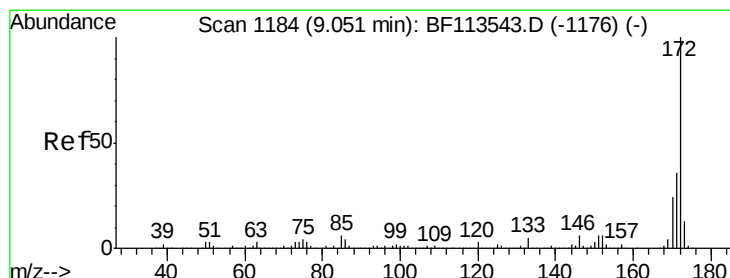
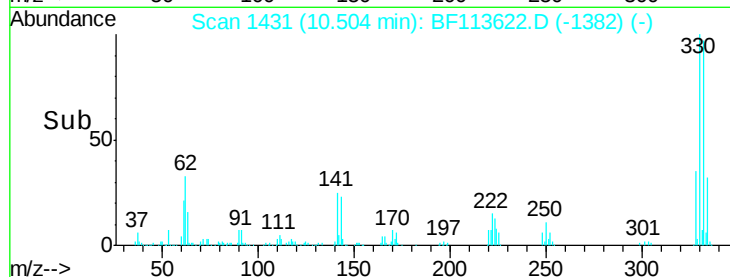
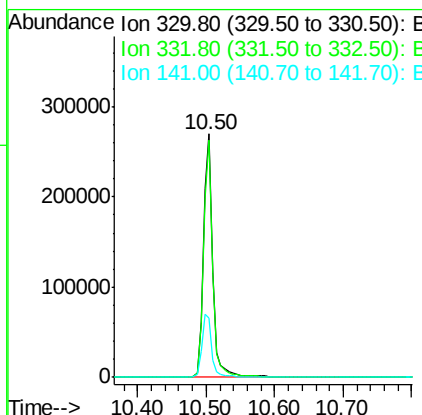
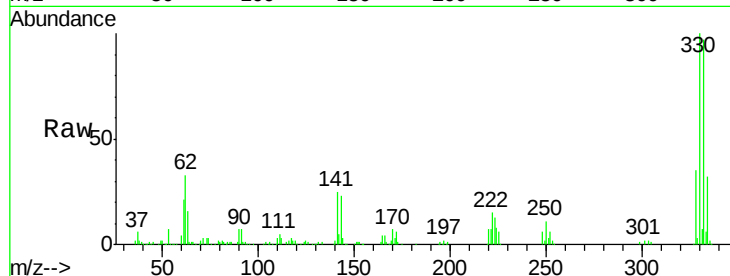




#42
 2,4,6-Tribromophenol
 Concen: 111.631 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113622.D
 Acq: 5 Apr 2019 18:34

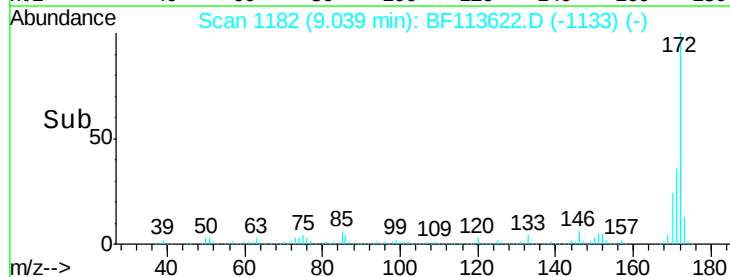
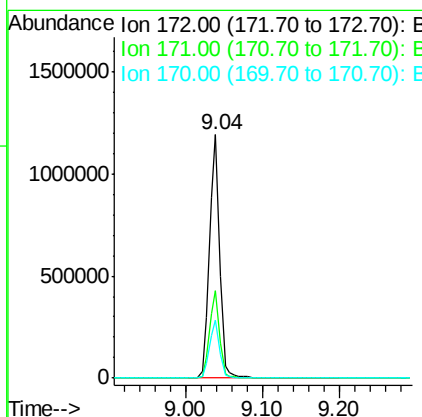
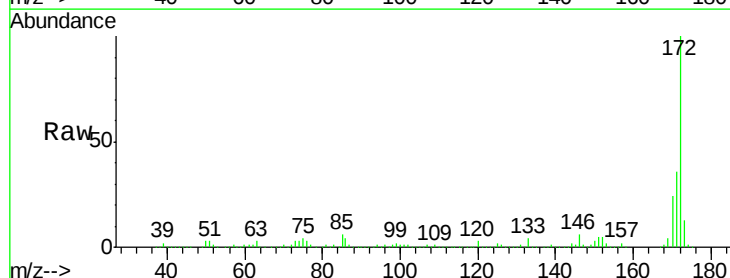
Instrument :
 BNA_F
 ClientSampleId :

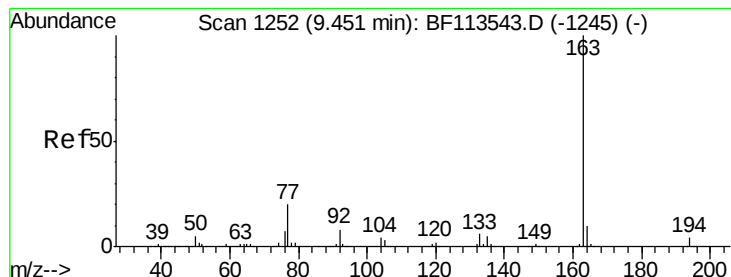
Tot Ion:330 Resp: 262633
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.8 116.6
 141 27.7 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 89.166 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113622.D
 Acq: 5 Apr 2019 18:34

Tgt Ion:172 Resp: 1084766
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.0 19.5 29.3





#50

Dimethylphthalate

Concen: 9.610 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Instrument :

BNA_F

ClientSampleId :

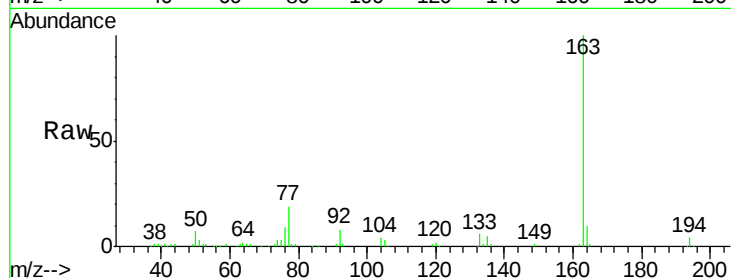
Tot Ion:163 Resp: 138744

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

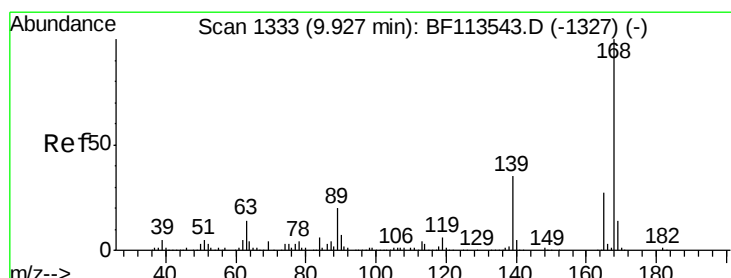
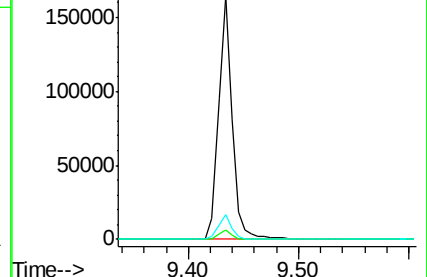
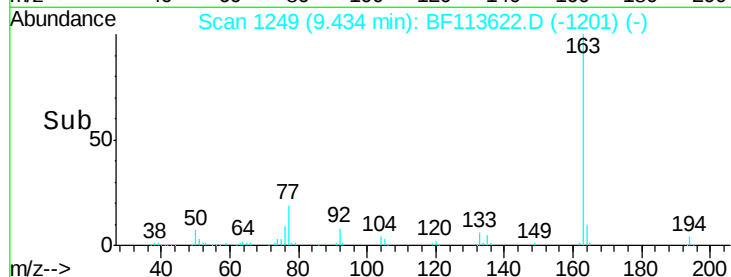
164 10.2 8.1 12.1



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



#57

2,4-Dinitrotoluene

Concen: 6.595 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Tgt Ion:165 Resp: 25382

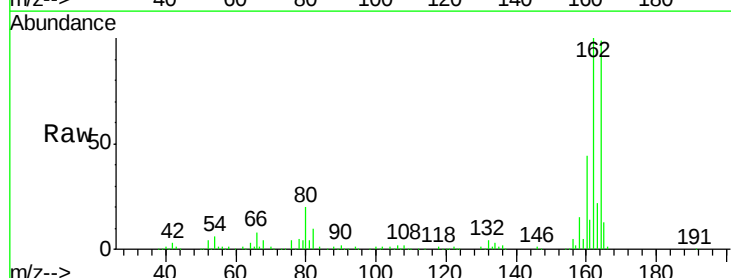
Ion Ratio Lower Upper

165 100

63 1.1 37.5 56.3#

89 1.2 57.4 86.2#

182 0.0 2.0 3.0#

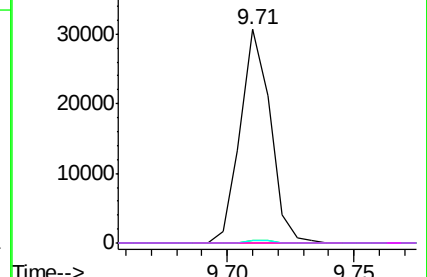
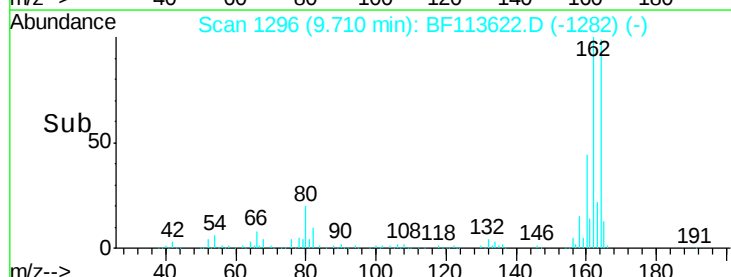


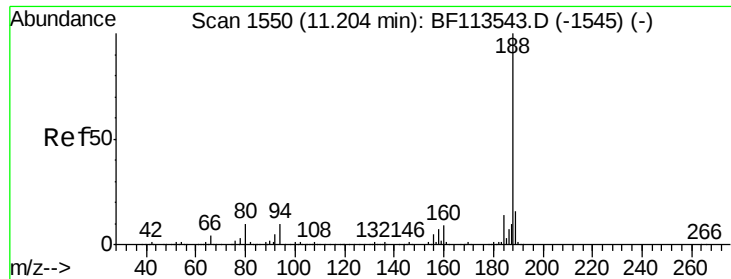
Abundance Ion 165.00 (164.70 to 165.70): E

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

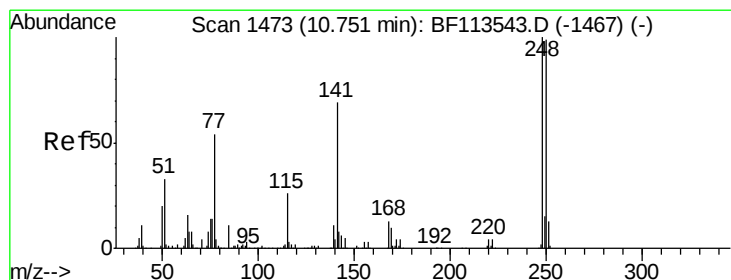
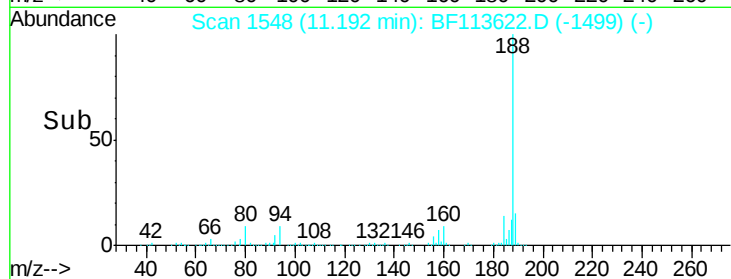
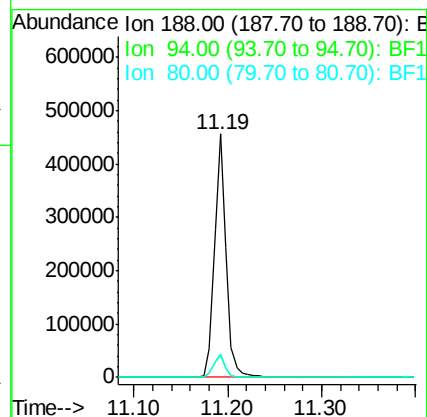
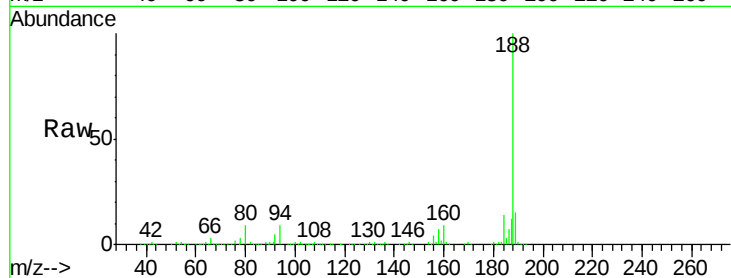




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113622.D
Acq: 5 Apr 2019 18:34

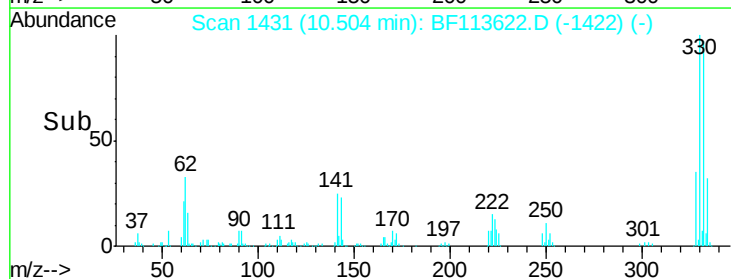
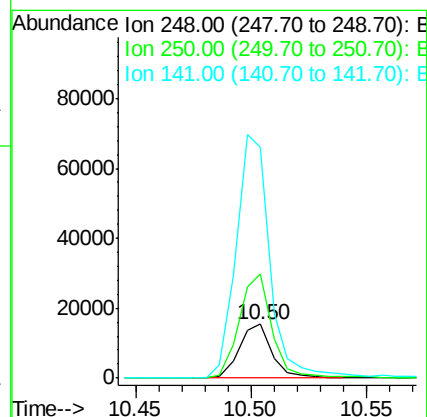
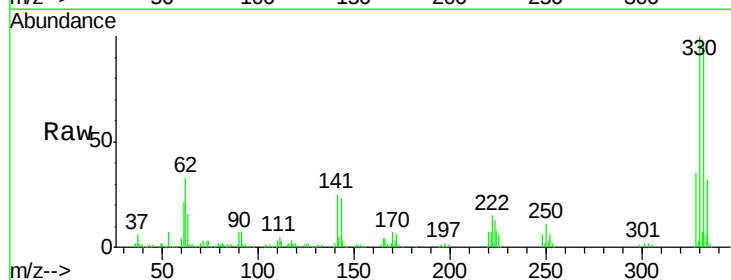
Instrument :
BNA_F
ClientSampleId :

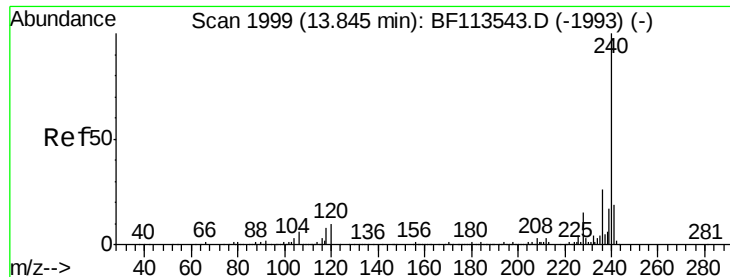
Tot Ion:188 Resp: 400640
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.6
80 9.5 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 3.337 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.25 min
Lab File: BF113622.D
Acq: 5 Apr 2019 18:34

Tgt Ion:248 Resp: 14993
Ion Ratio Lower Upper
248 100
250 192.2 78.3 117.5#
141 429.1 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

Instrument :

BNA_F

ClientSampleId :

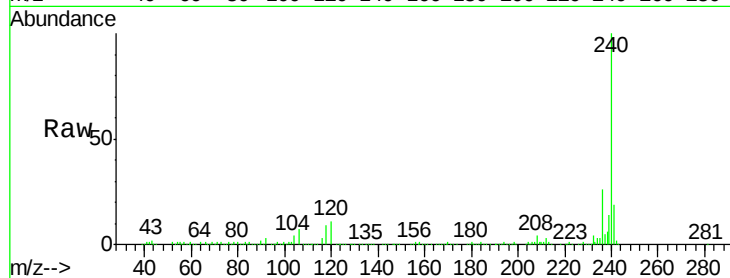
Tot Ion:240 Resp: 310088

Ion Ratio Lower Upper

240 100

120 10.8 8.8 13.2

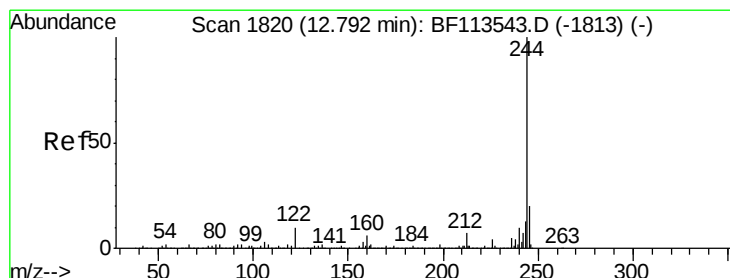
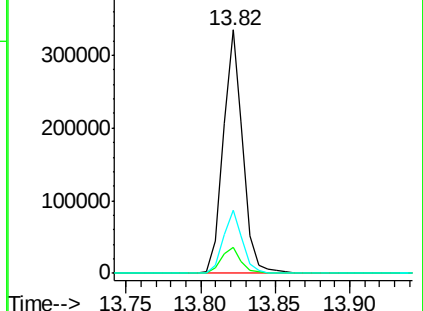
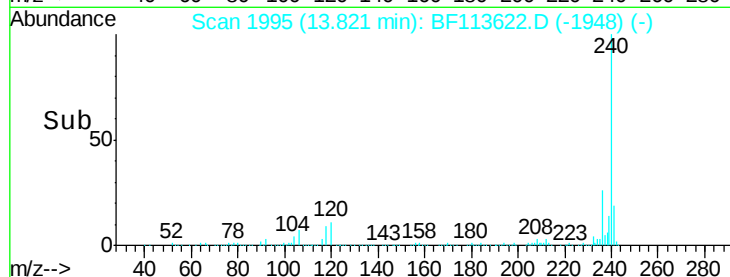
236 25.8 20.9 31.3



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: 77.932 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113622.D

Acq: 5 Apr 2019 18:34

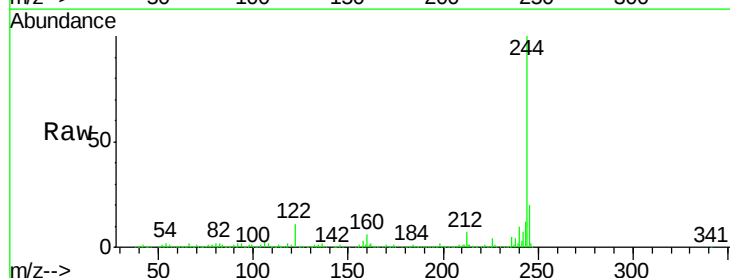
Tgt Ion:244 Resp: 1186909

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

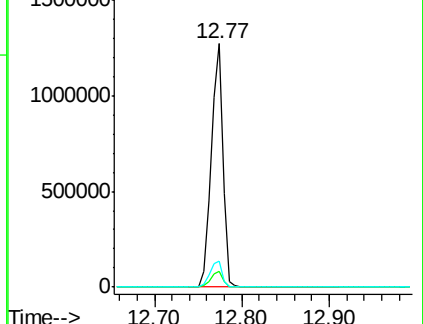
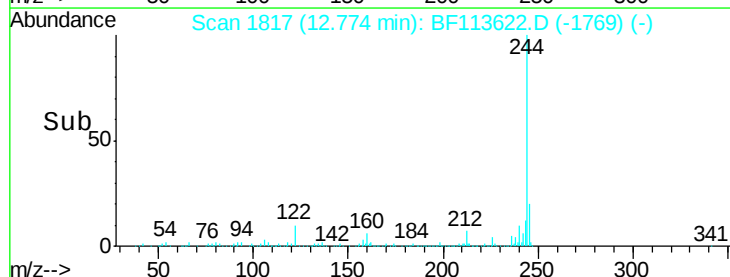
122 10.5 8.6 13.0

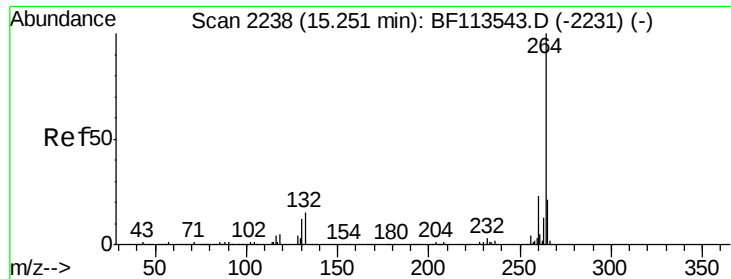


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

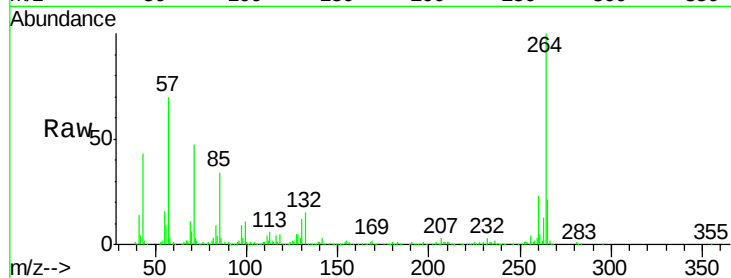




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.02 min
Lab File: BF113622.D
Acq: 5 Apr 2019 18:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	21.2	17.1	25.7



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

