

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113749.D
 Acq On : 12 Apr 2019 20:25
 Operator : JU/SJ
 Sample : K2358-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:02:00 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

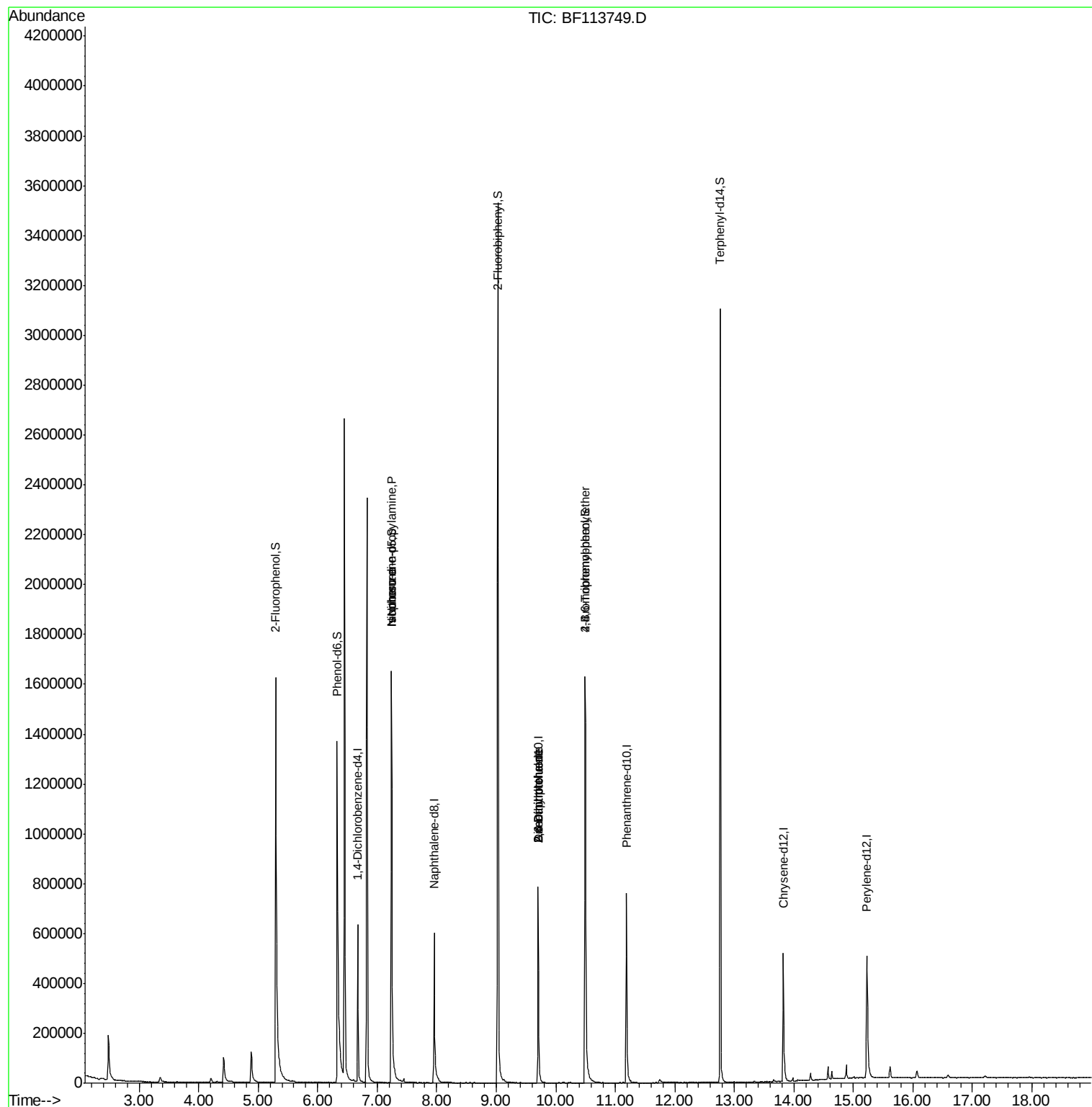
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	106155	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	394060	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	185343	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	371004	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	240550	20.00	ng	-0.02
87) Perylene-d12	15.23	264	285530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	729434	117.17	ng	0.00
7) Phenol-d6	6.33	99	840619	109.56	ng	-0.01
23) Nitrobenzene-d5	7.24	82	644478	95.80	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	302170	135.72	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1186731	103.08	ng	-0.02
79) Terphenyl-d14	12.76	244	1225426	103.72	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	81608	17.249	ng	# 77
25) Isophorone	7.24	82	644475	49.730	ng	# 64
50) Dimethylphthalate	9.70	163	38452	2.814	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	22980	7.631	ng	# 25
57) 2,4-Dinitrotoluene	9.70	165	22980	6.309	ng	# 22
67) 4-Bromophenyl-phenylether	10.49	248	16716	4.017	ng	# 1

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

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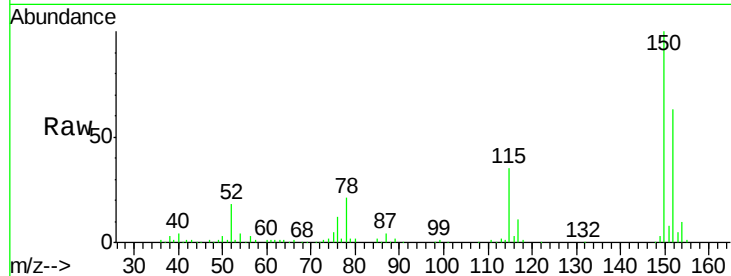


#1

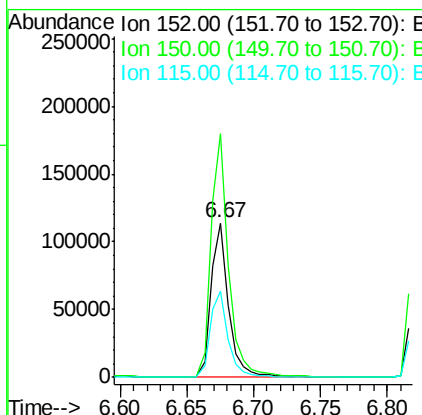
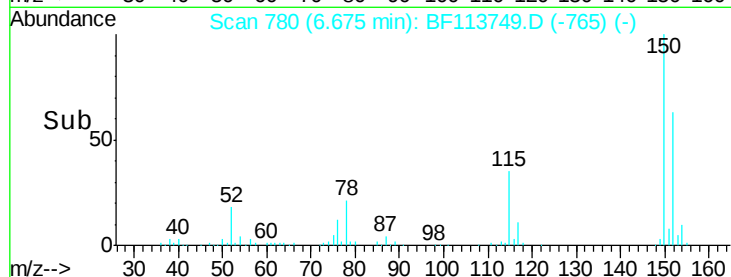
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF113749.D
 Acq: 12 Apr 2019 20:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.7	187.1
115	55.8	46.0	69.0



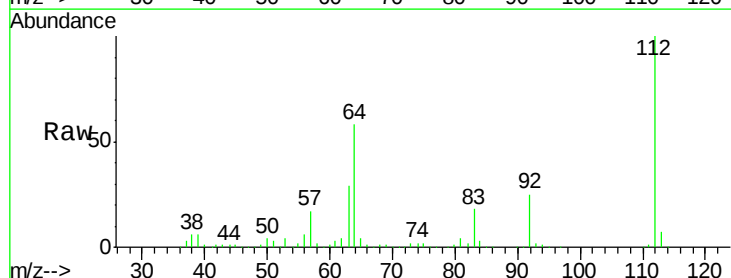
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



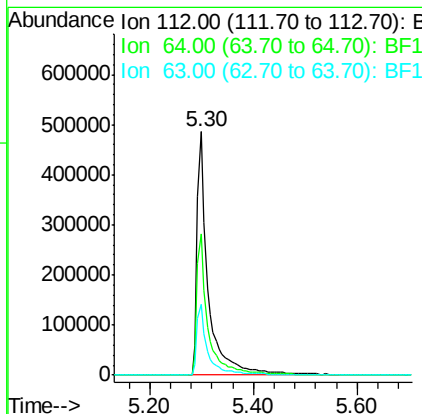
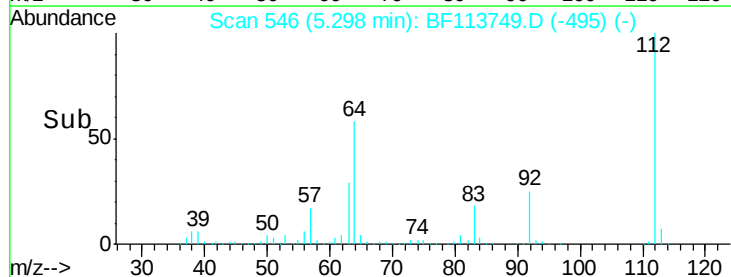
#5

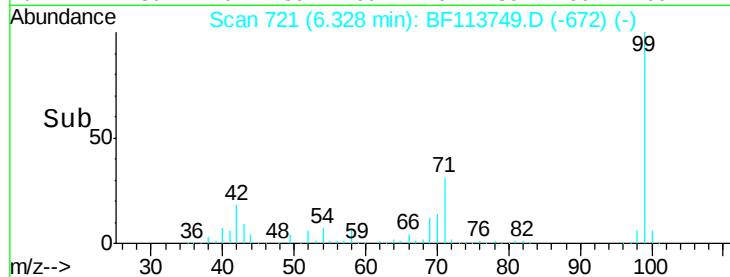
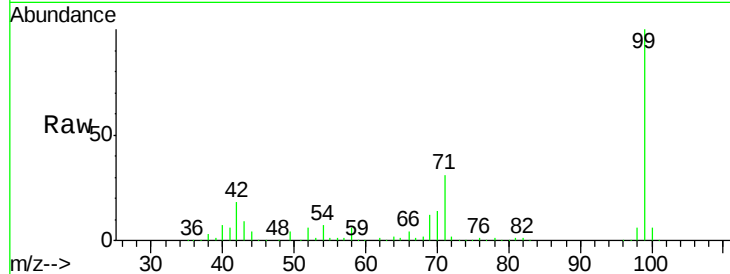
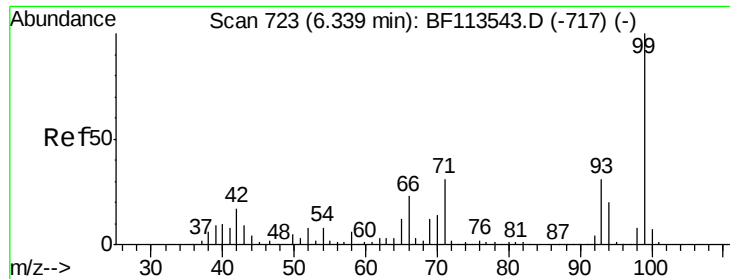
2-Fluorophenol
 Concen: 117.173 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113749.D
 Acq: 12 Apr 2019 20:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	49.2	73.8
63	29.1	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: 109.560 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

Instrument :

BNA_F

ClientSampleId :

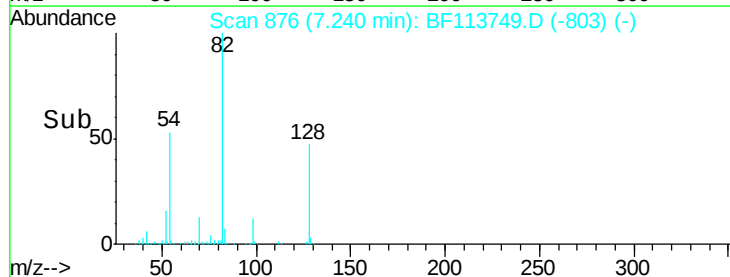
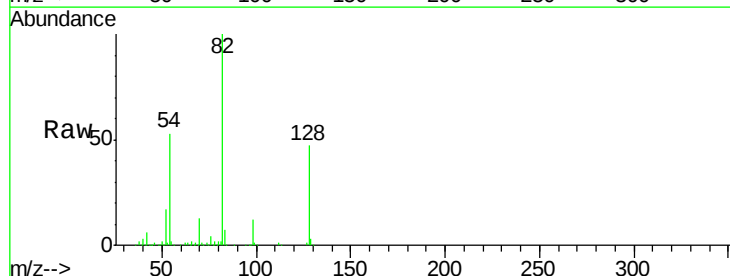
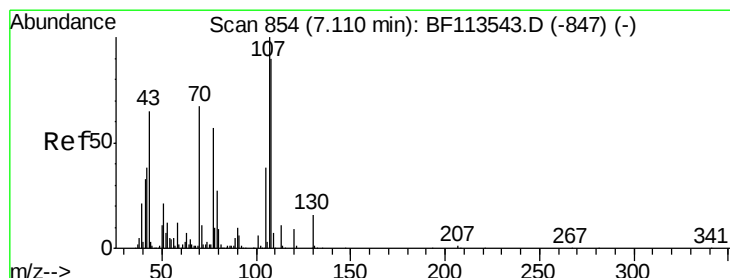
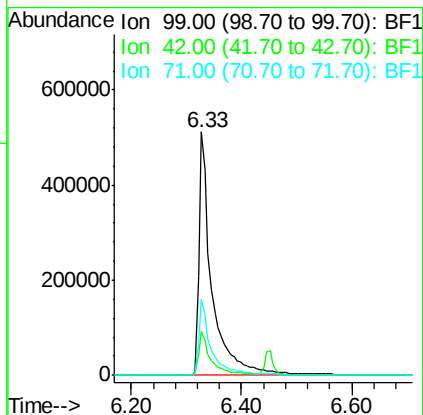
Tot Ion: 99 Resp: 840619

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

71 30.9 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.249 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

Tgt Ion: 70 Resp: 81608

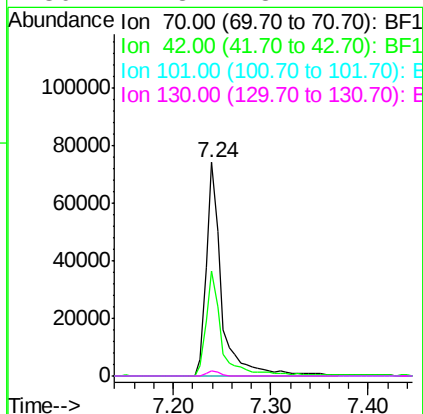
Ion Ratio Lower Upper

70 100

42 49.2 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# 998

Delta R.T. -0.01 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 394060

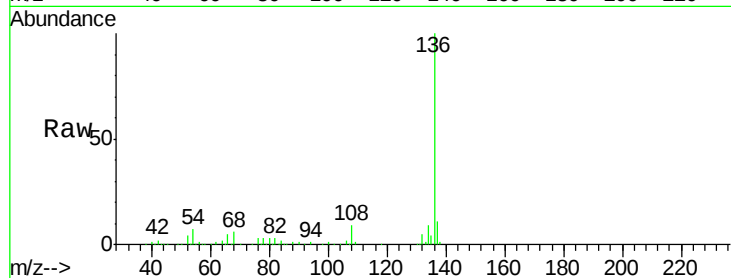
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.4 7.0 10.6

68 5.5 4.8 7.2

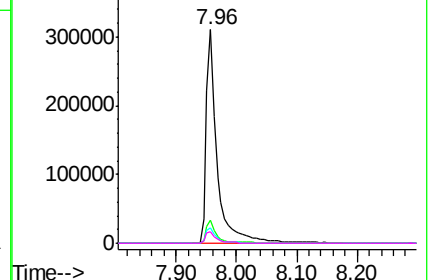
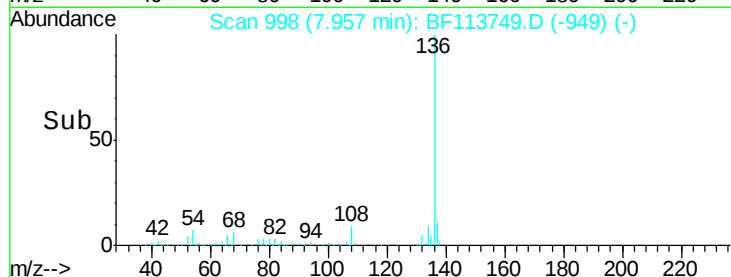


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.799 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

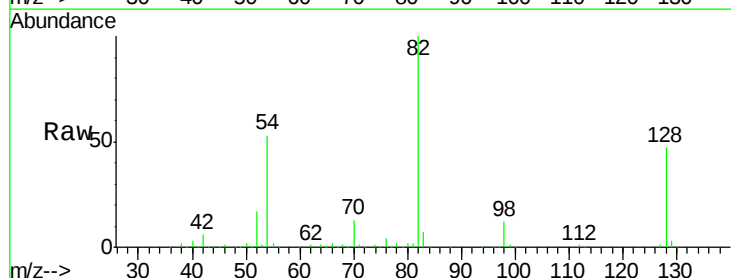
Tgt Ion: 82 Resp: 644478

Ion Ratio Lower Upper

82 100

128 46.6 36.5 54.7

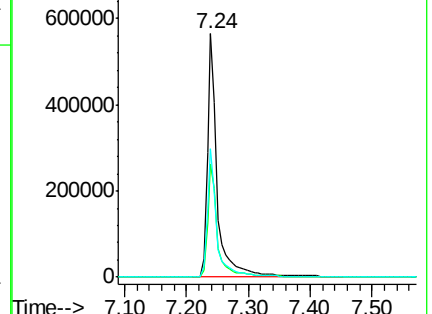
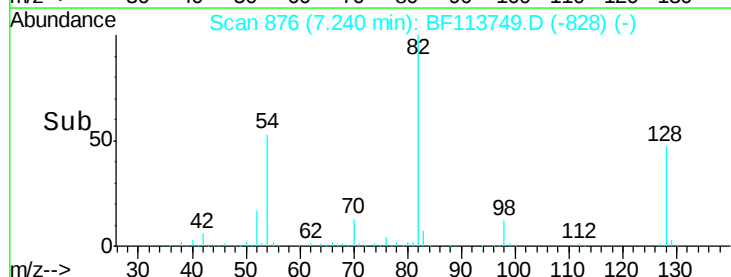
54 53.0 42.2 63.2



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

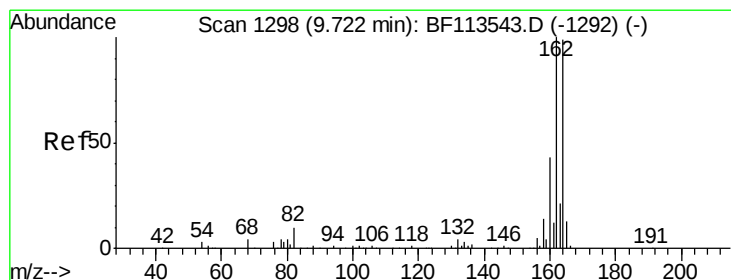
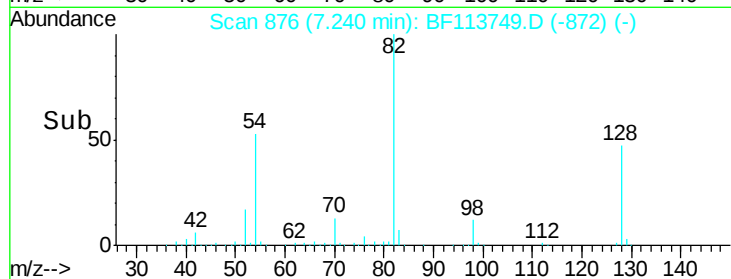
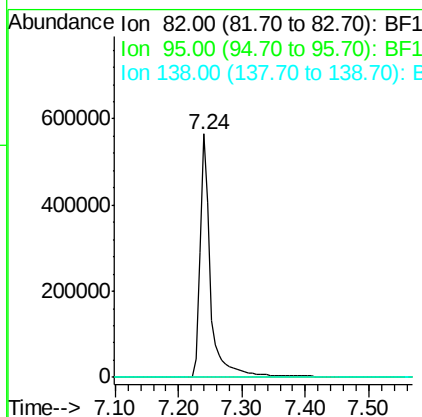
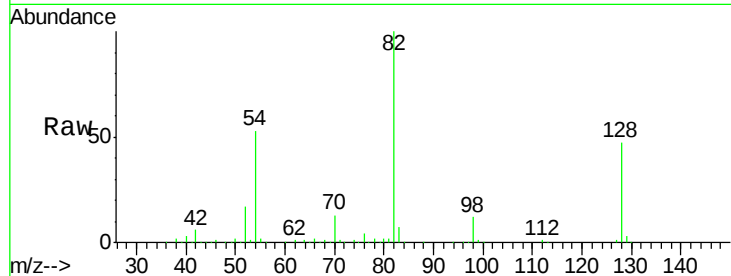




#25
Isophorone
Concen: 49.730 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.28 min
Lab File: BF113749.D
Acq: 12 Apr 2019 20:25

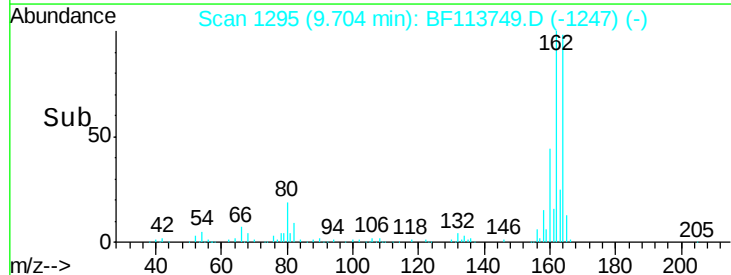
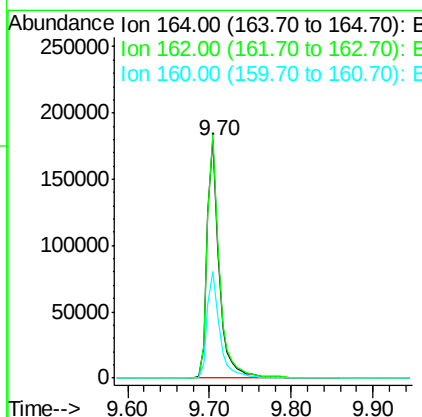
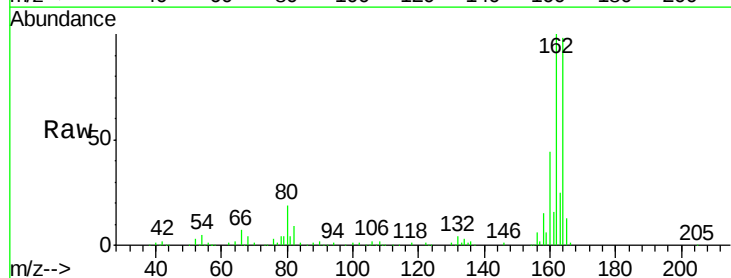
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 644475
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF113749.D
Acq: 12 Apr 2019 20:25

Tgt Ion:164 Resp: 185343
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 44.7 36.4 54.6

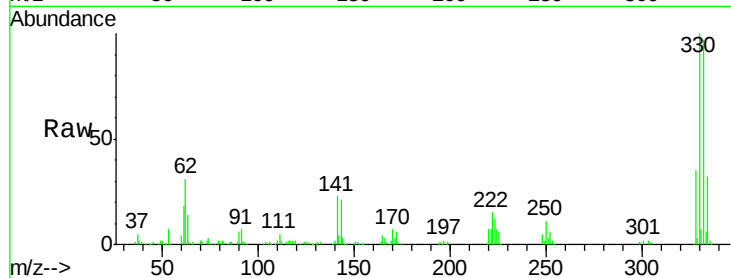




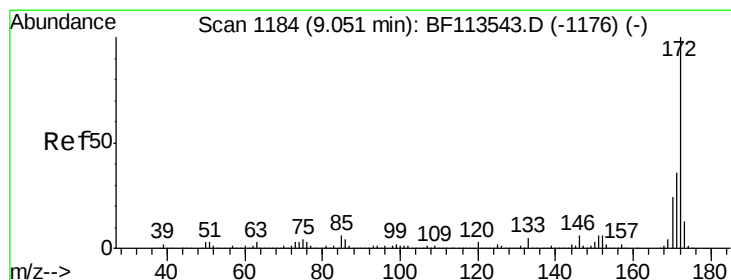
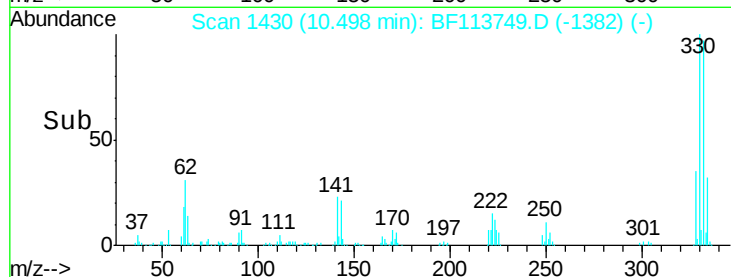
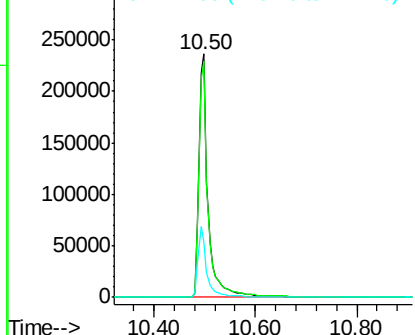
#42
 2,4,6-Tribromophenol
 Concen: 135.720 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113749.D
 Acq: 12 Apr 2019 20:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 302170
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.6
 141 27.4 22.7 34.1

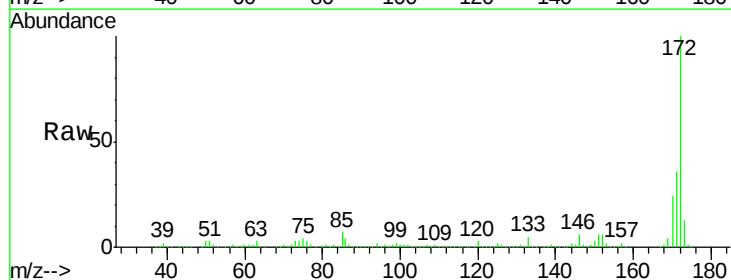


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

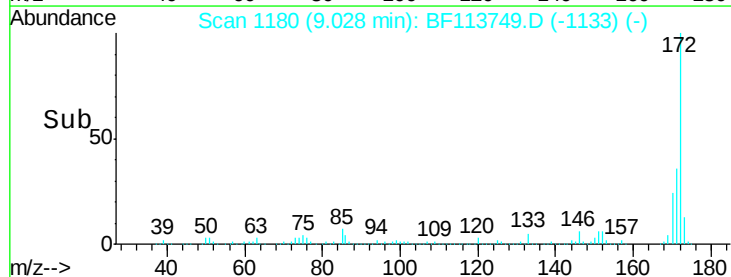
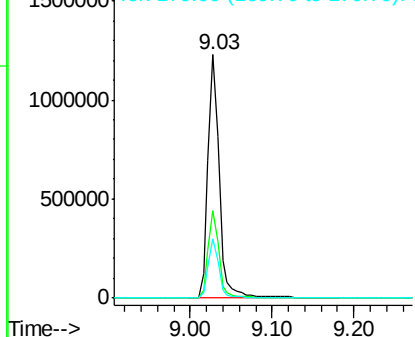


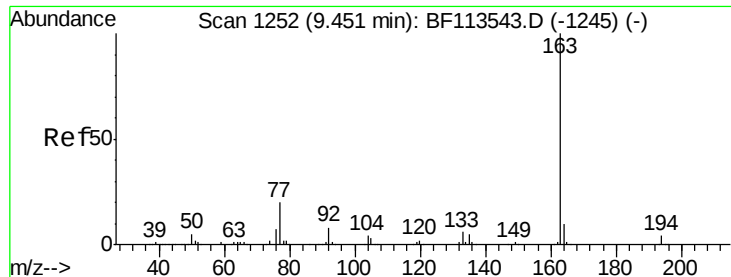
#45
 2-Fluorobiphenyl
 Concen: 103.080 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BF113749.D
 Acq: 12 Apr 2019 20:25

Tgt Ion:172 Resp: 1186731
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.3 19.5 29.3



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

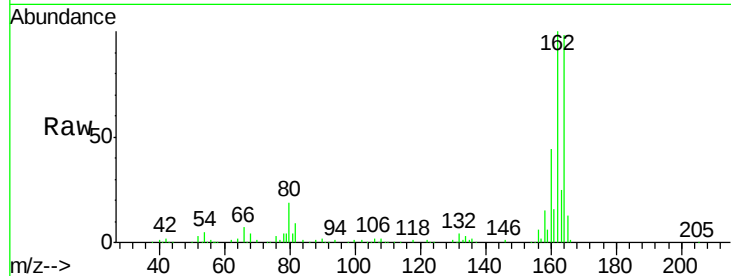




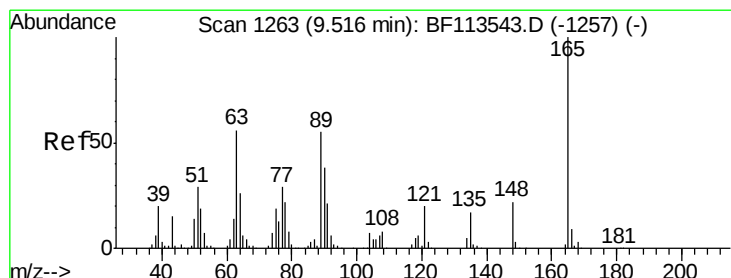
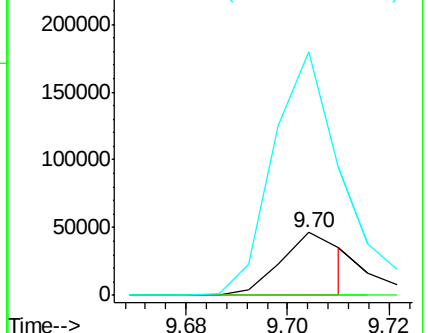
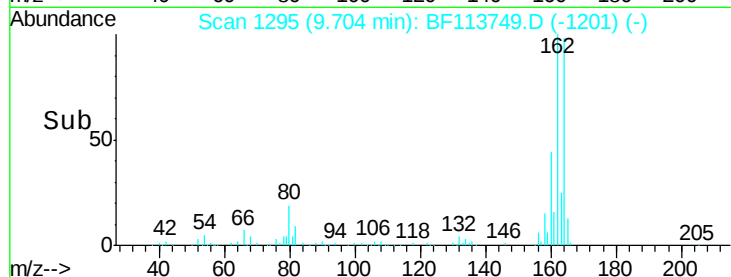
#50
Dimethylphthalate
Concen: 2.814 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113749.D
Acq: 12 Apr 2019 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 38452
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 387.5 8.1 12.1#

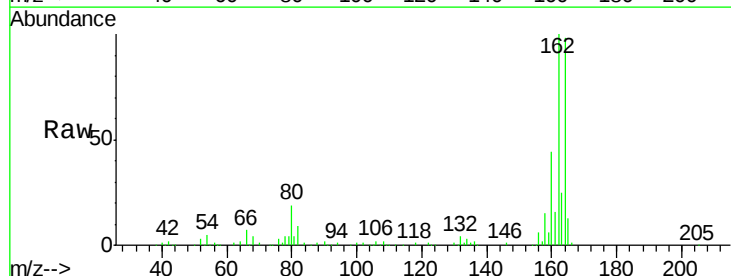


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

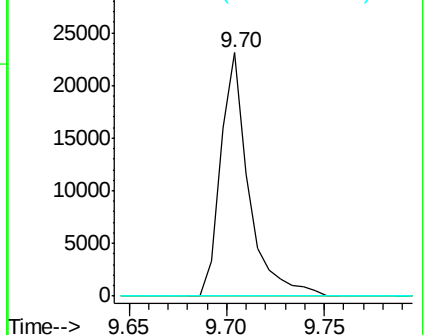
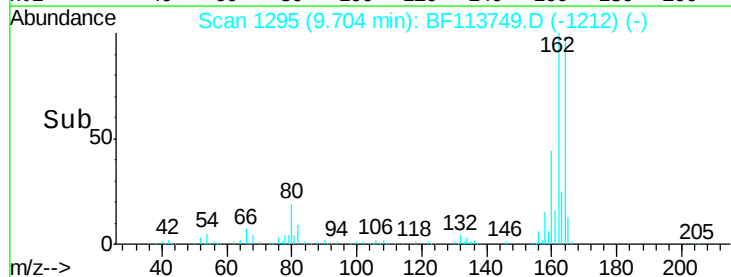


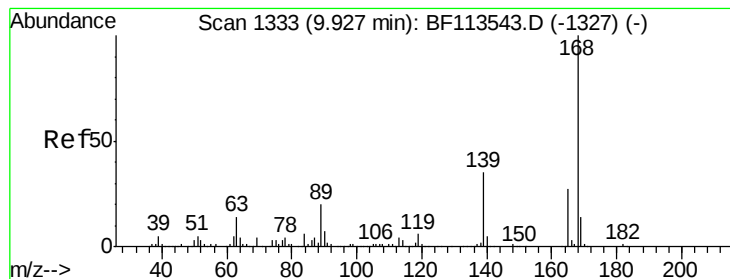
#51
2,6-Dinitrotoluene
Concen: 7.631 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113749.D
Acq: 12 Apr 2019 20:25

Tgt Ion:165 Resp: 22980
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.0#
89 0.0 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: 6.309 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 22980

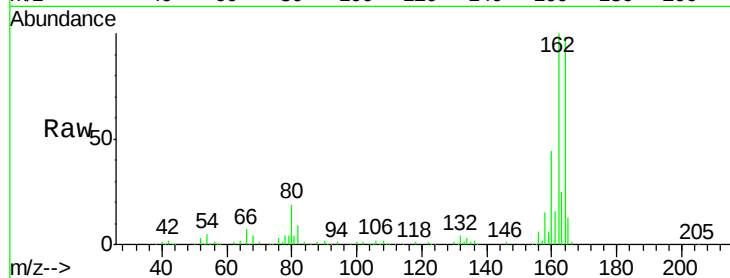
Ion Ratio Lower Upper

165 100

63 0.0 37.5 56.3#

89 0.0 57.4 86.2#

182 0.0 2.0 3.0#

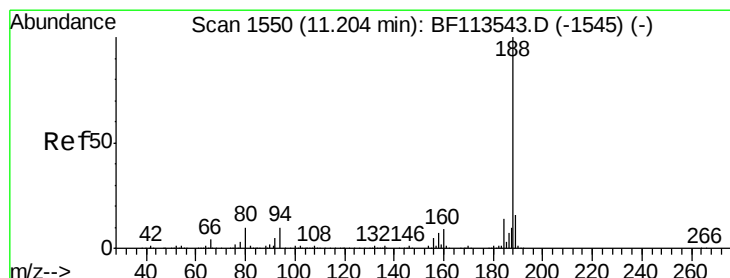
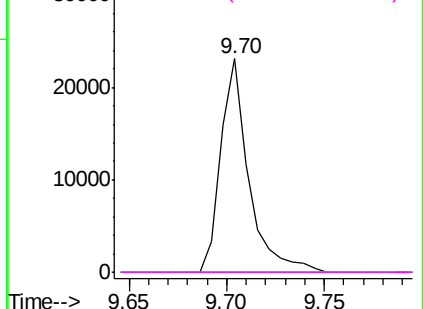
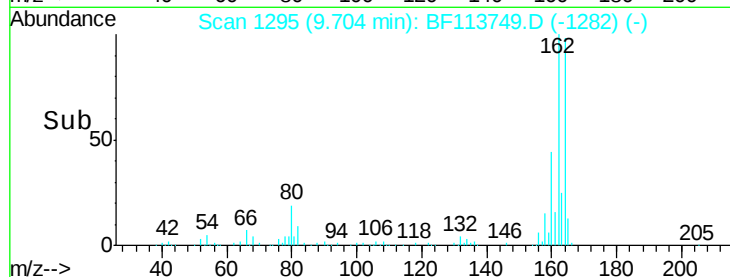


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1547

Delta R.T. -0.02 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

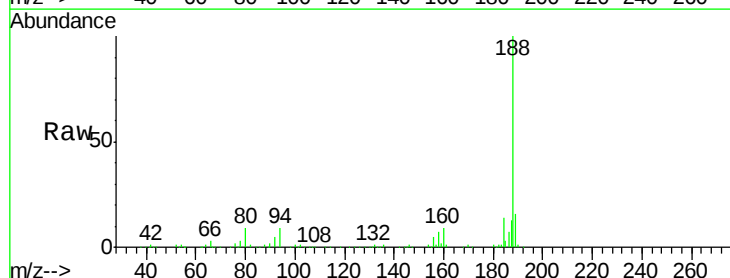
Tgt Ion:188 Resp: 371004

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.6

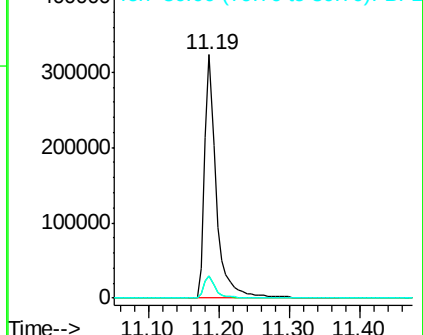
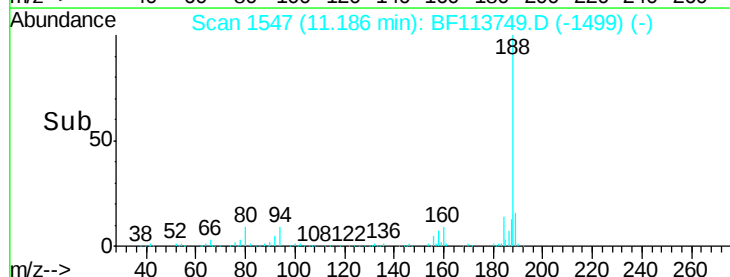
80 9.1 7.7 11.5

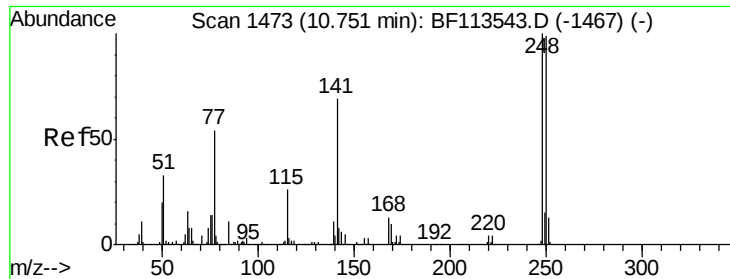


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

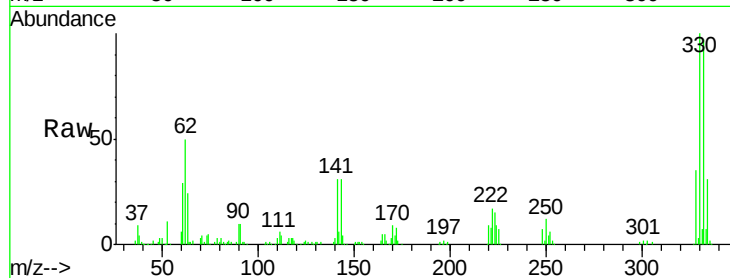




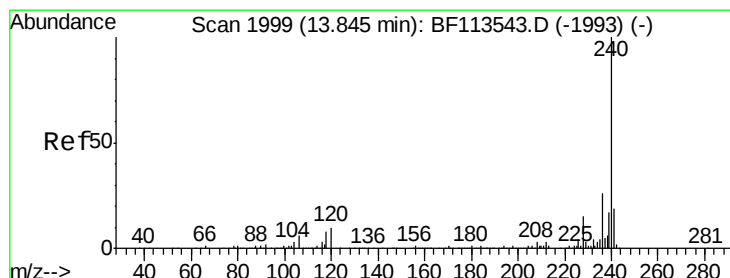
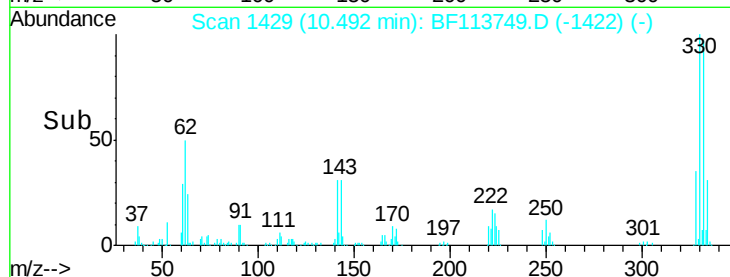
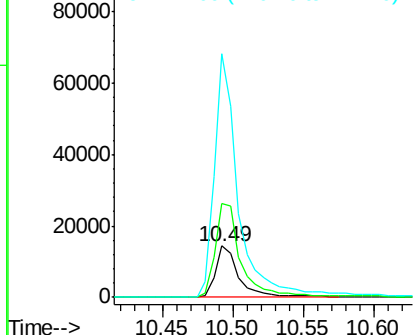
#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.26 min
Lab File: BF113749.D
Acq: 12 Apr 2019 20:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16716
Ion Ratio Lower Upper
248 100
250 184.4 78.3 117.5#
141 476.4 56.2 84.4#

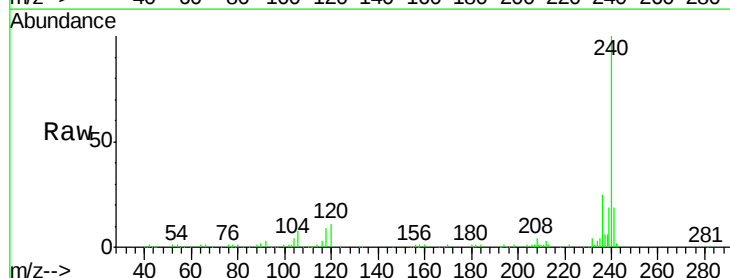


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

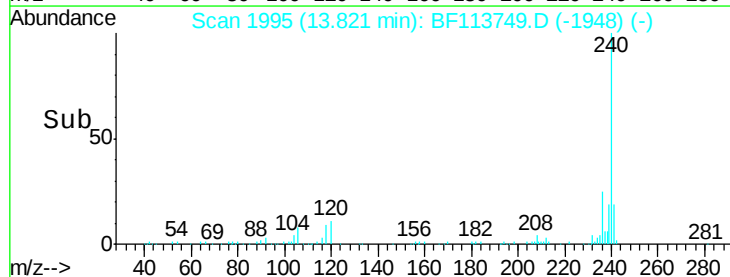
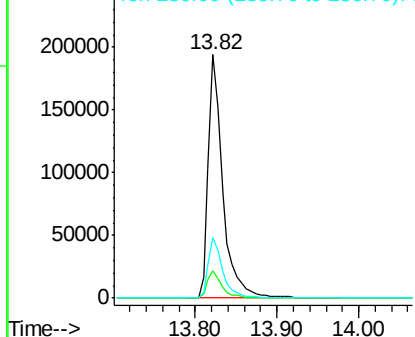


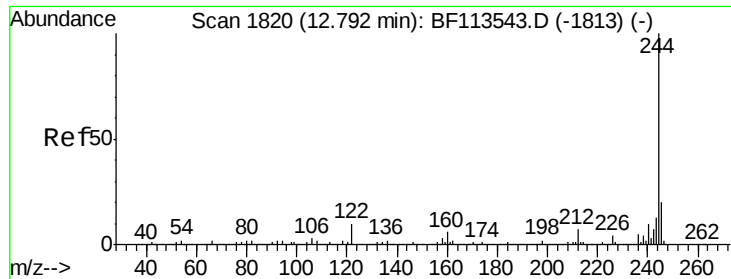
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113749.D
Acq: 12 Apr 2019 20:25

Tgt Ion:240 Resp: 240550
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 24.7 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: 103.720 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

Instrument :

BNA_F

ClientSampleId :

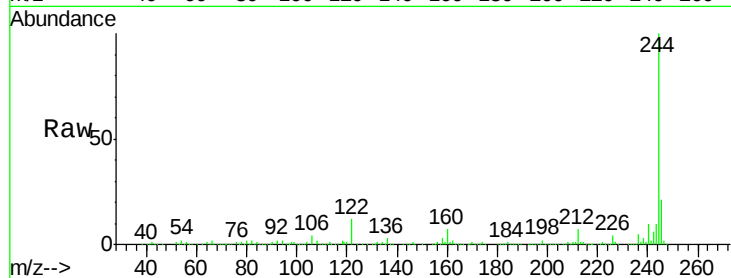
Tot Ion:244 Resp: 1225426

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

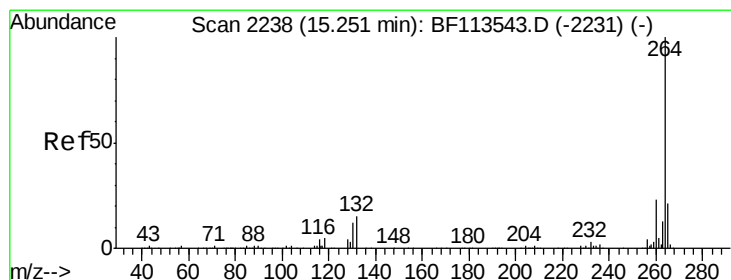
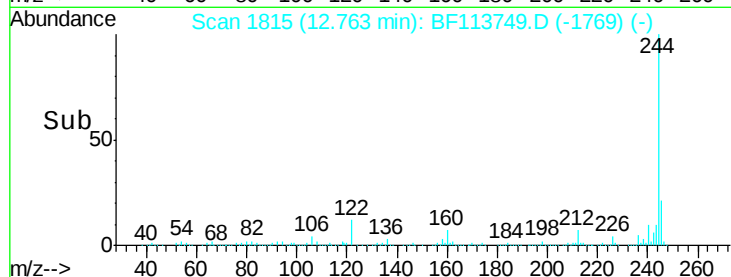
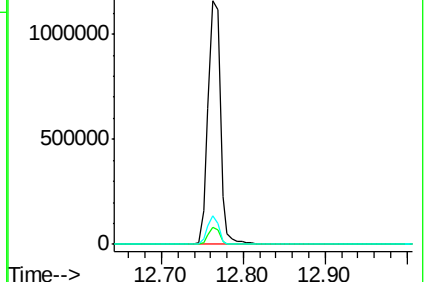
122 11.6 8.6 13.0



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

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113749.D

Acq: 12 Apr 2019 20:25

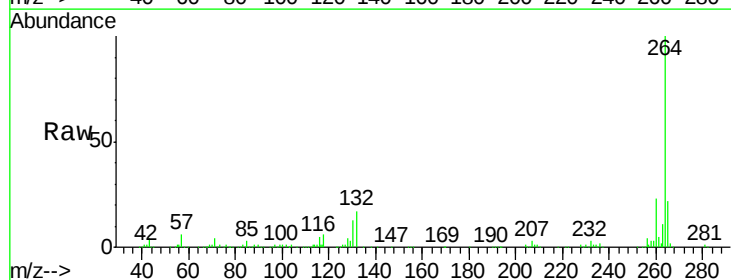
Tgt Ion:264 Resp: 285530

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.8 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

