

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113740.D
 Acq On : 12 Apr 2019 16:02
 Operator : JU/SJ
 Sample : K2373-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:00:32 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

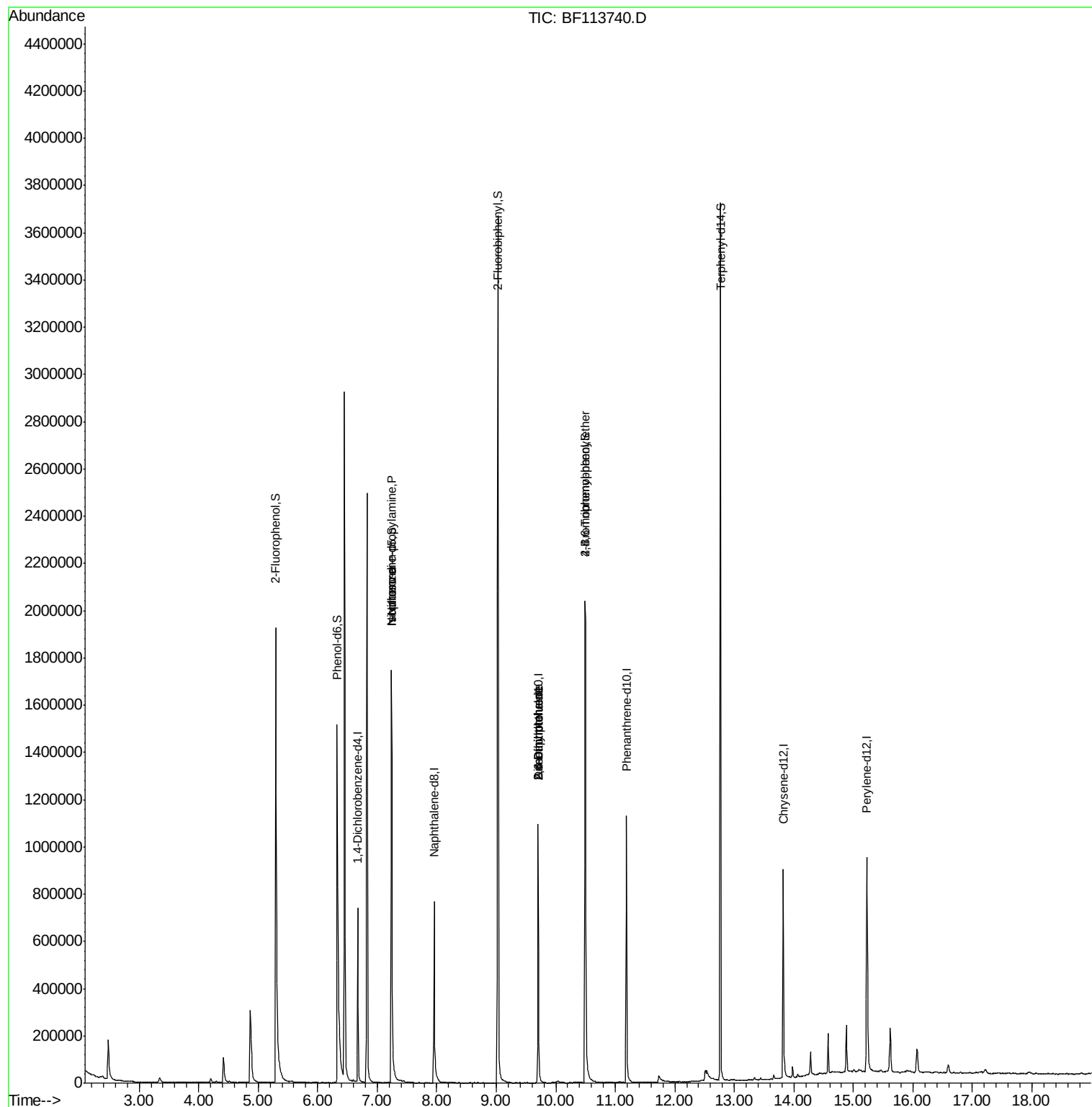
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	125362	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	470144	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	231023	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	465393	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	362276	20.00	ng	-0.02
87) Perylene-d12	15.23	264	389084	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	778351	105.87	ng	0.00
7) Phenol-d6	6.33	99	936305	103.33	ng	-0.01
23) Nitrobenzene-d5	7.24	82	676499	84.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	349987	126.11	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1265878	88.21	ng	-0.02
79) Terphenyl-d14	12.77	244	1369809	76.98	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	86076	15.406	ng	# 77
25) Isophorone	7.24	82	676538	43.756	ng	# 64
50) Dimethylphthalate	9.70	163	54045	3.174	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	28749	7.659	ng	# 26
57) 2,4-Dinitrotoluene	9.70	165	28749	6.333	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	19989	3.830	ng	# 1

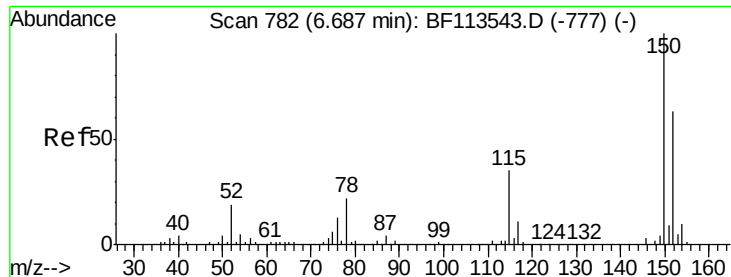
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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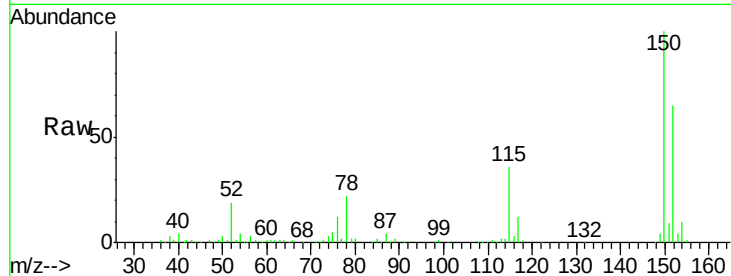


#1

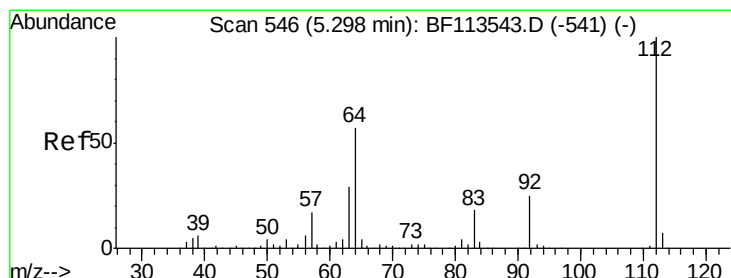
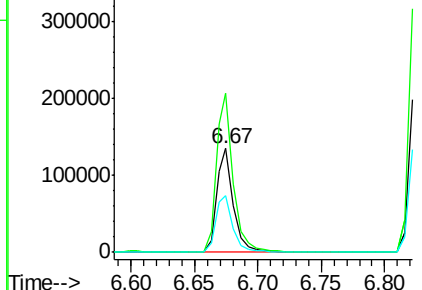
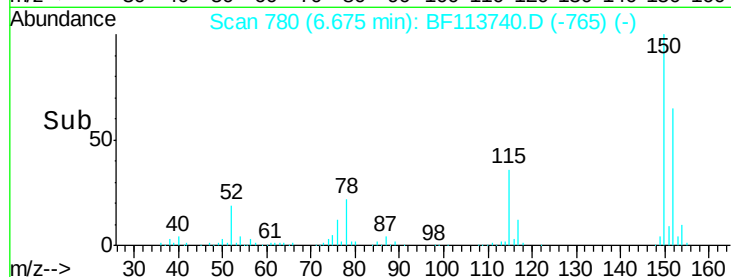
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.7	187.1
115	54.6	46.0	69.0



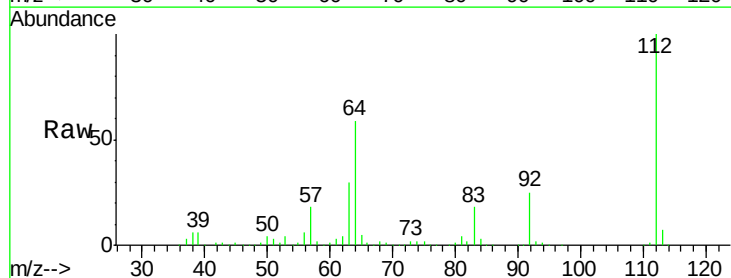
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



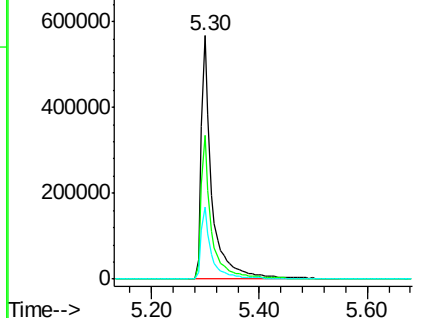
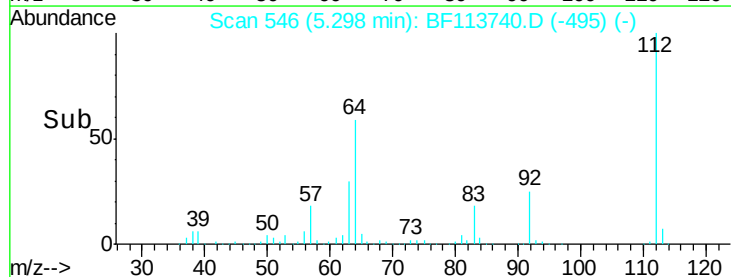
#5

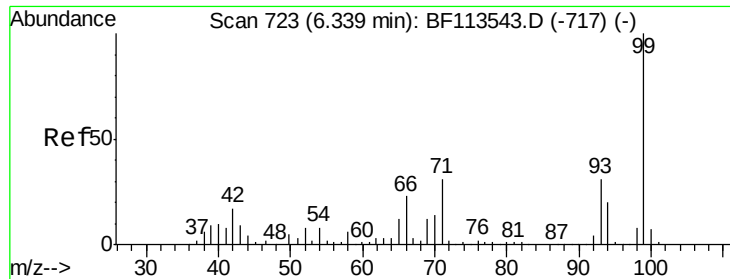
2-Fluorophenol
Concen: 105.875 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	49.2	73.8
63	29.6	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: 103.334 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

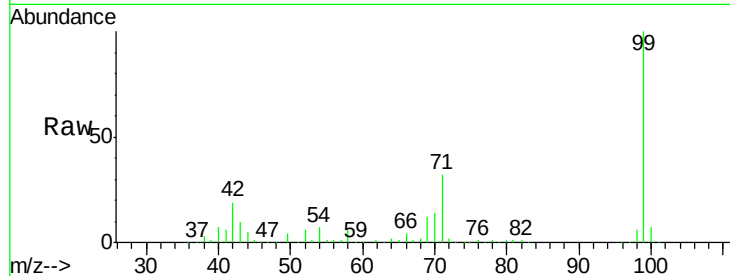
Tot Ion: 99 Resp: 936305

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

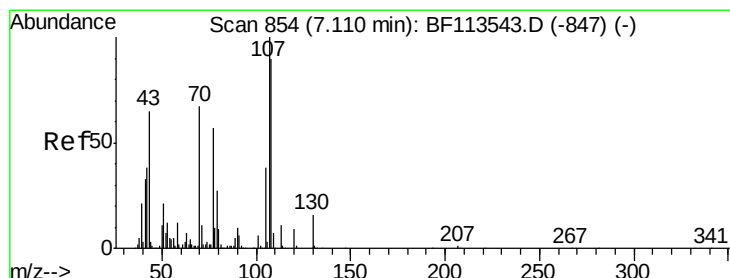
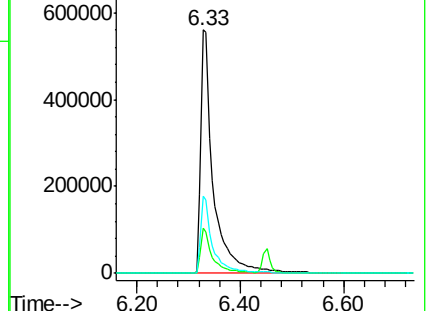
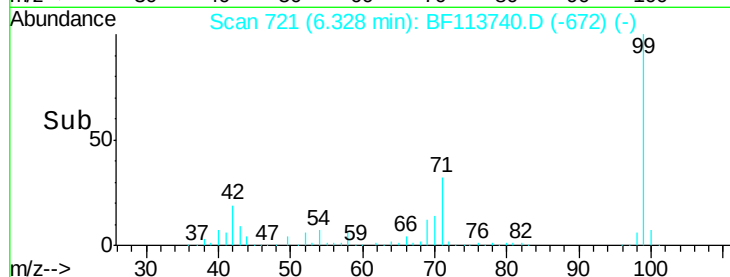
71 31.6 24.9 37.3



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: 15.406 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Tgt Ion: 70 Resp: 86076

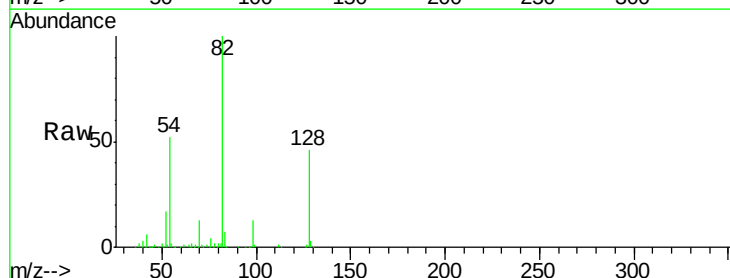
Ion Ratio Lower Upper

70 100

42 48.6 48.4 72.6

101 0.0 7.8 11.8#

130 2.2 18.2 27.4#

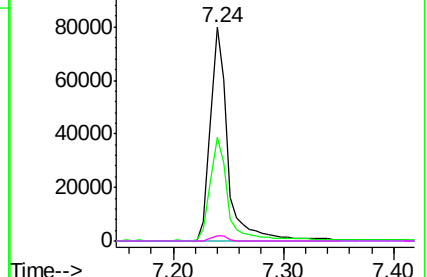
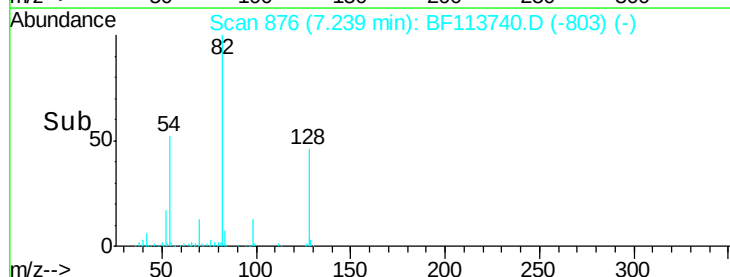


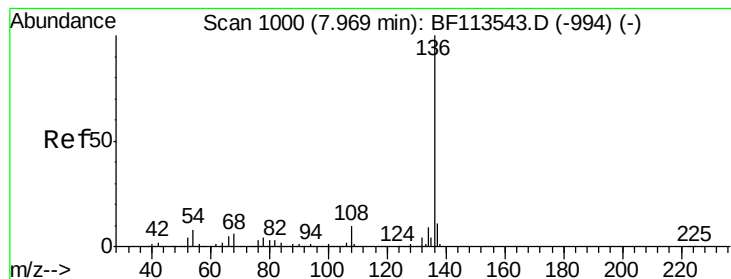
Abundance Ion 70.00 (69.70 to 70.70): BF1

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# 998

Delta R.T. -0.01 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470144

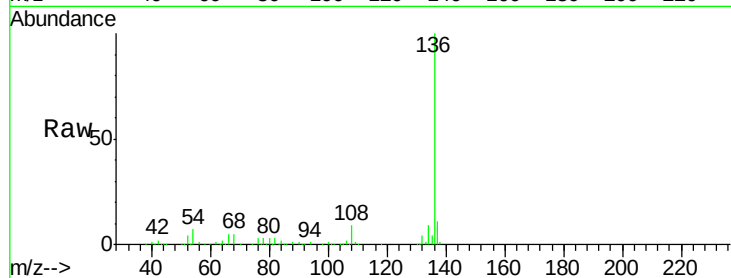
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 7.0 10.6

68 5.4 4.8 7.2

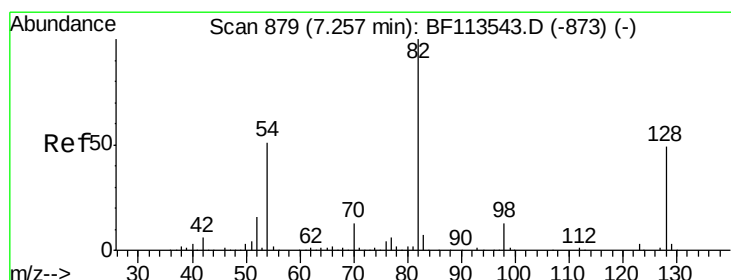
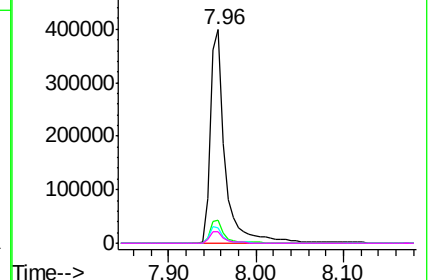
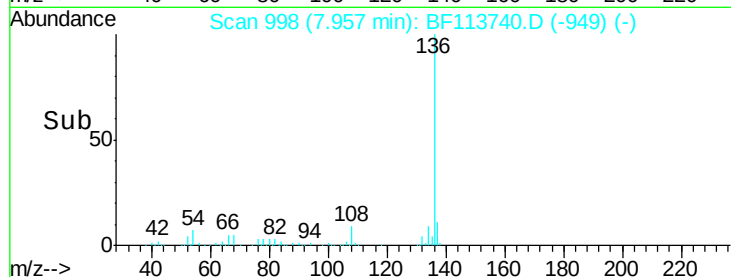


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.285 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

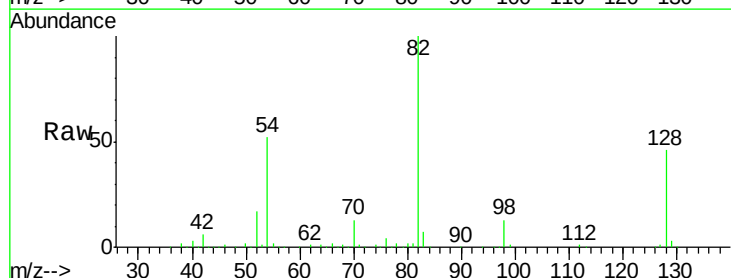
Tgt Ion: 82 Resp: 676499

Ion Ratio Lower Upper

82 100

128 45.7 36.5 54.7

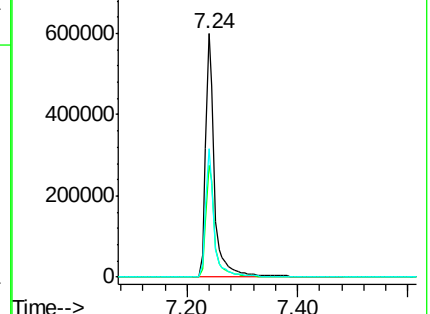
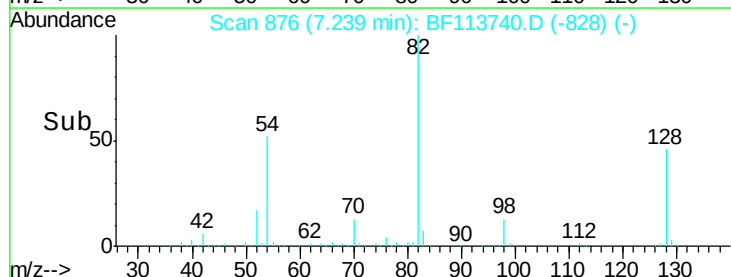
54 52.5 42.2 63.2

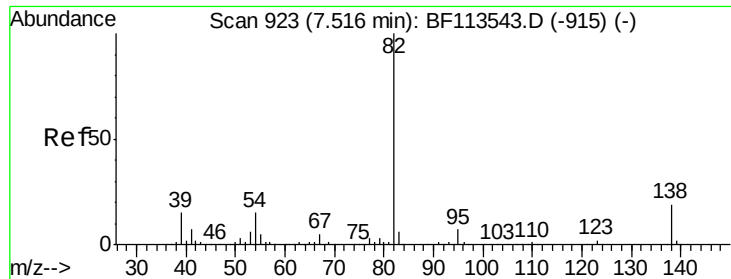


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.756 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

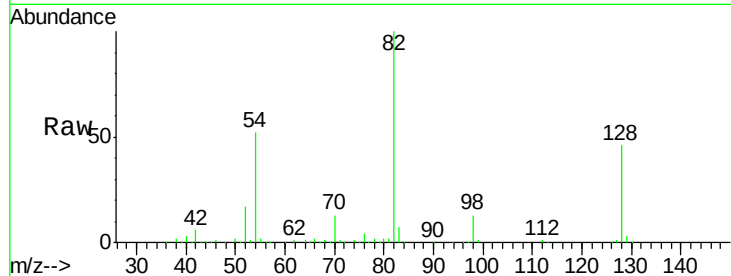
Tot Ion: 82 Resp: 676538

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

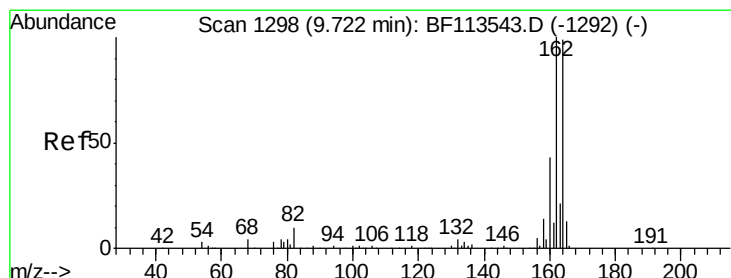
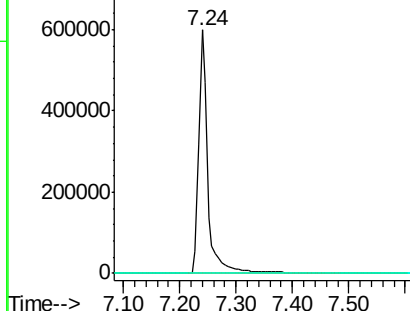
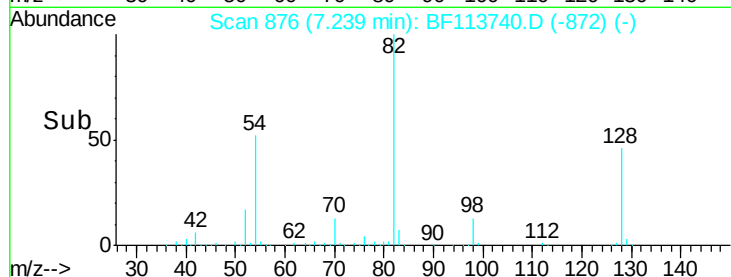
138 0.0 15.2 22.8#



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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

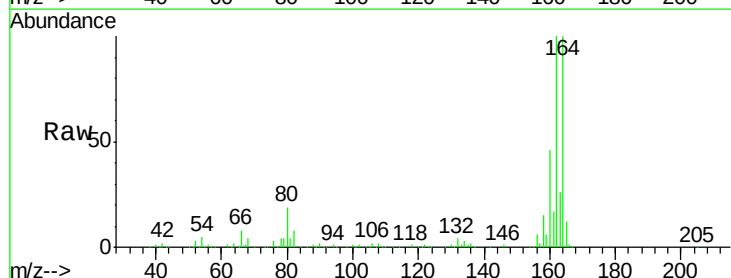
Tgt Ion: 164 Resp: 231023

Ion Ratio Lower Upper

164 100

162 100.1 81.8 122.6

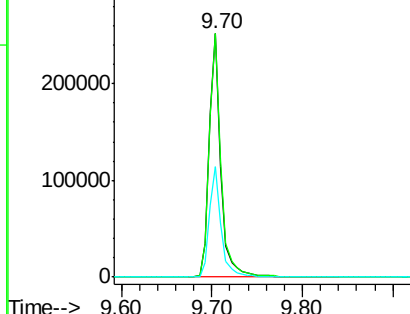
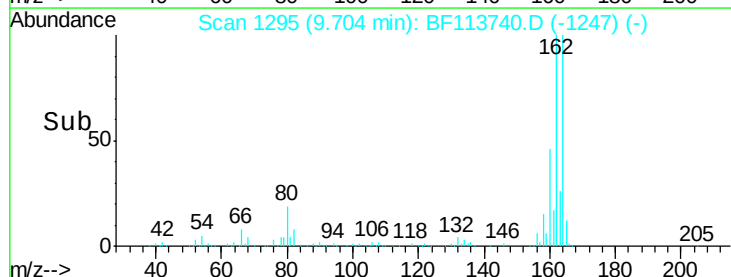
160 45.6 36.4 54.6

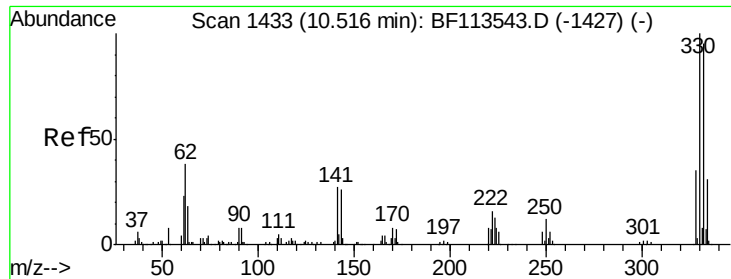


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 126.115 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

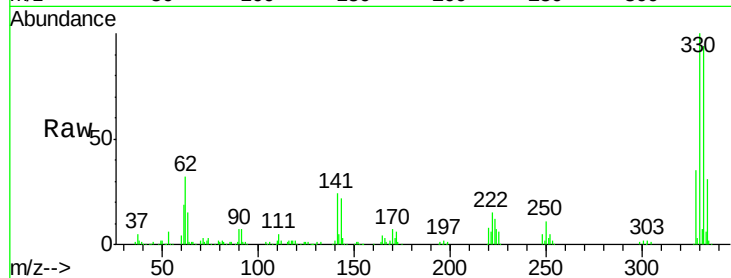
Tot Ion:330 Resp: 349987

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.6

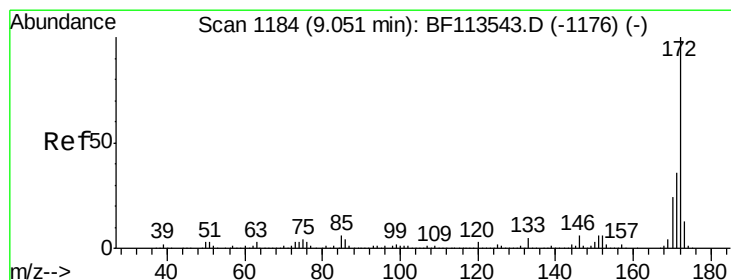
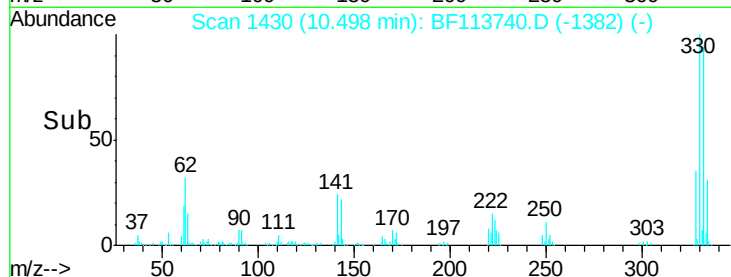
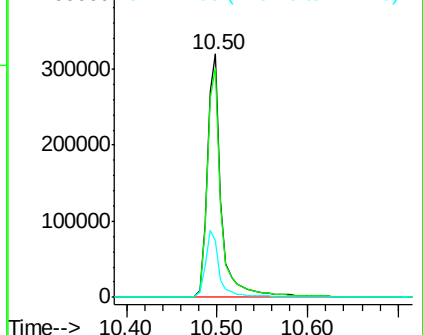
141 28.1 22.7 34.1



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: 88.213 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

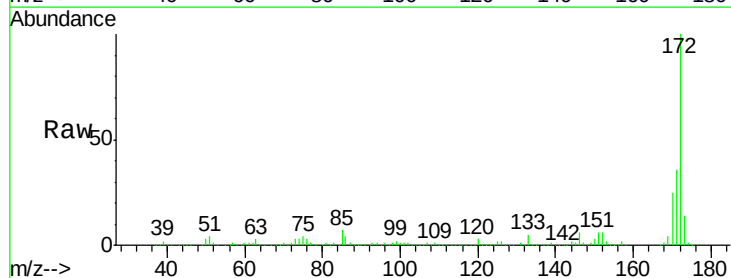
Tgt Ion:172 Resp: 1265878

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

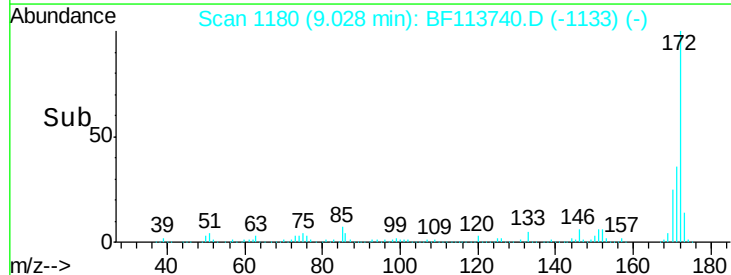
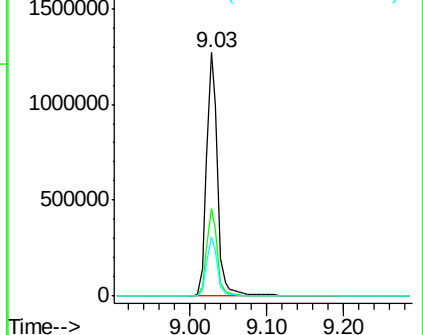
170 24.5 19.5 29.3

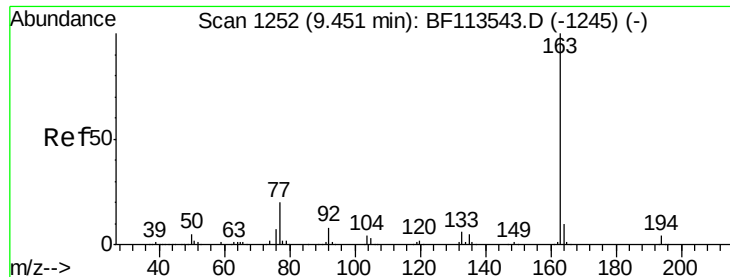


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

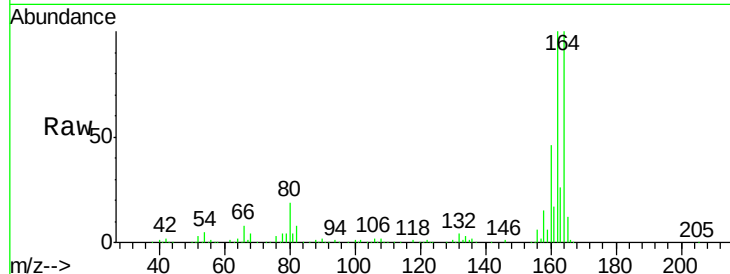




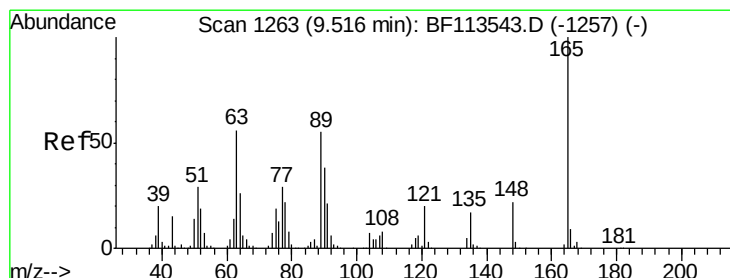
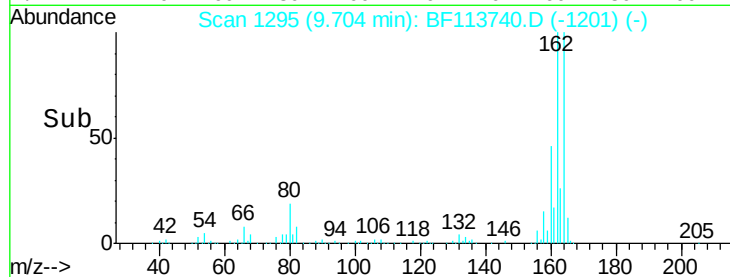
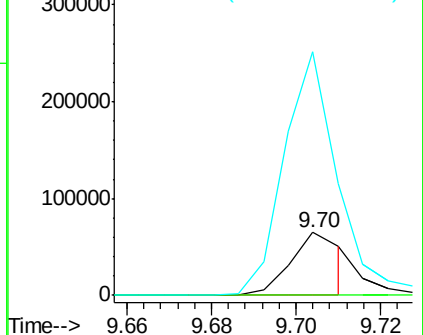
#50
Dimethylphthalate
Concen: 3.174 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.25 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 54045
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 387.6 8.1 12.1#

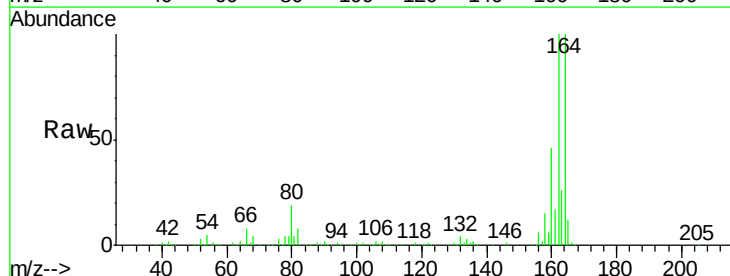


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

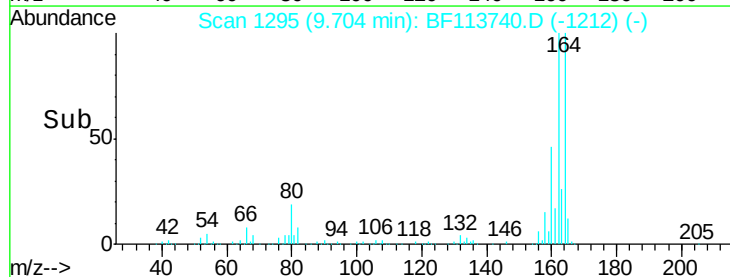
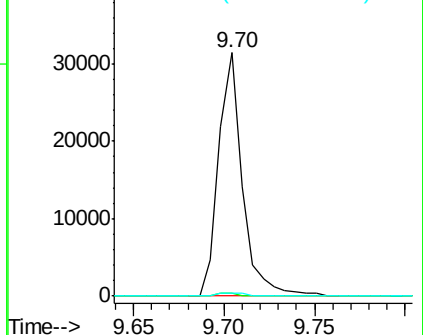


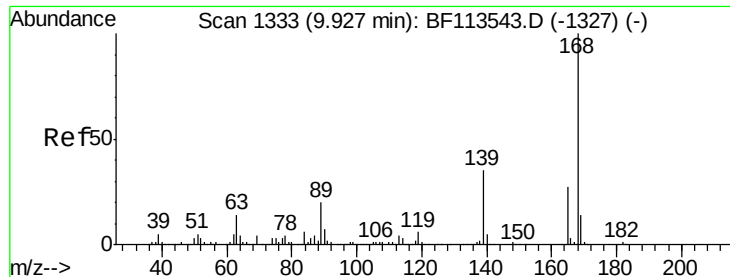
#51
2,6-Dinitrotoluene
Concen: 7.659 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.19 min
Lab File: BF113740.D
Acq: 12 Apr 2019 16:02

Tgt Ion:165 Resp: 28749
Ion Ratio Lower Upper
165 100
63 1.2 43.4 65.0#
89 1.1 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

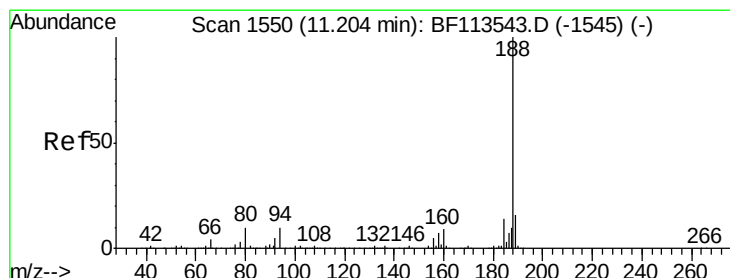
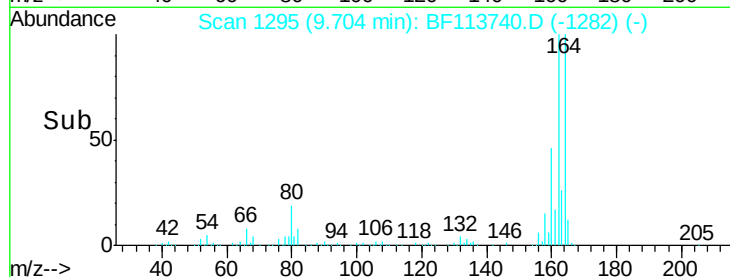
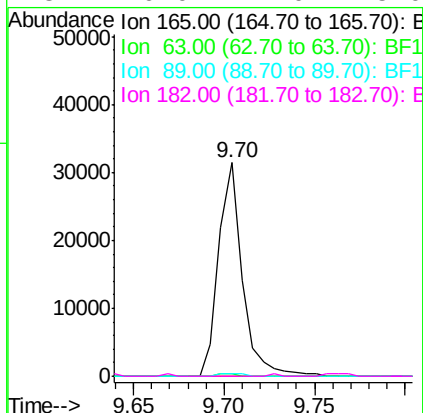
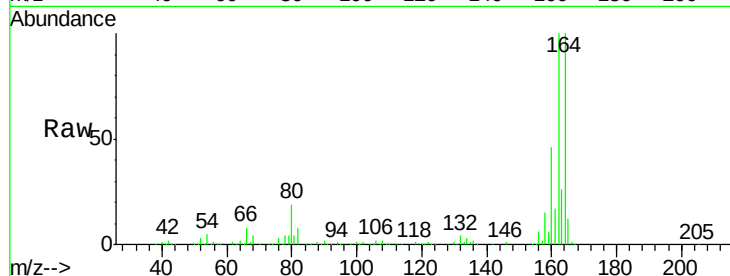




#57
 2,4-Dinitrotoluene
 Concen: 6.333 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

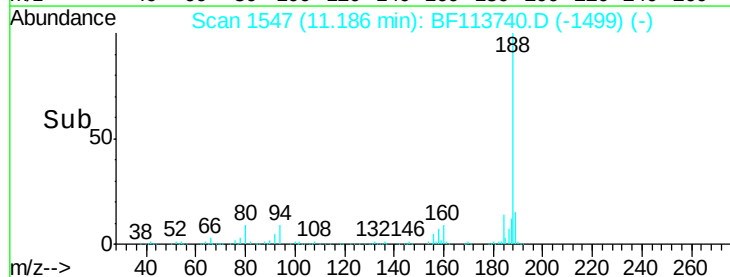
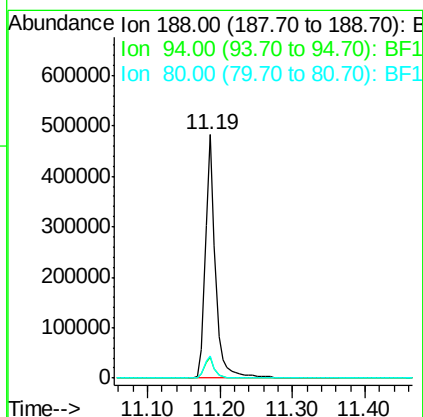
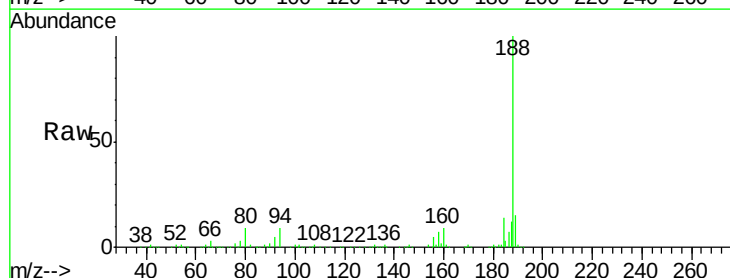
Instrument :
 BNA_F
 ClientSampled :

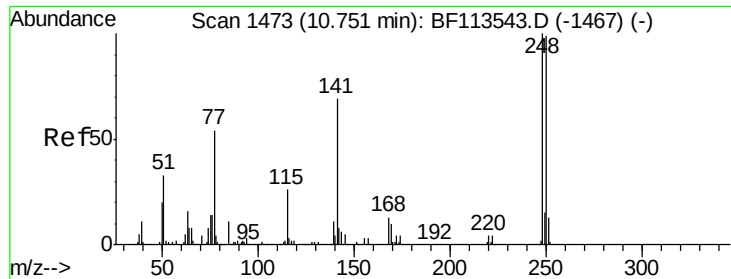
Tot Ion:165 Resp: 28749
 Ion Ratio Lower Upper
 165 100
 63 1.2 37.5 56.3#
 89 1.1 57.4 86.2#
 182 0.0 2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

Tgt Ion:188 Resp: 465393
 Ion Ratio Lower Upper
 188 100
 94 8.8 7.0 10.6
 80 9.1 7.7 11.5

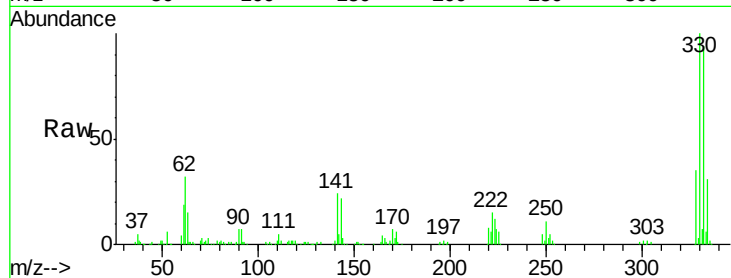




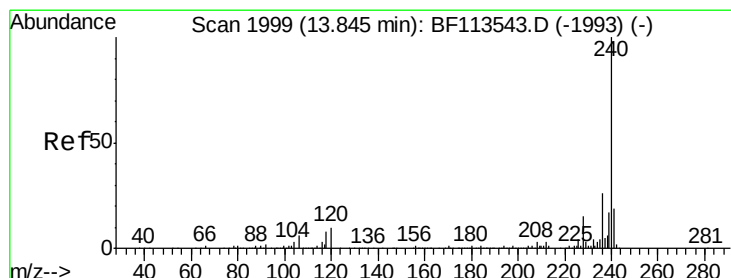
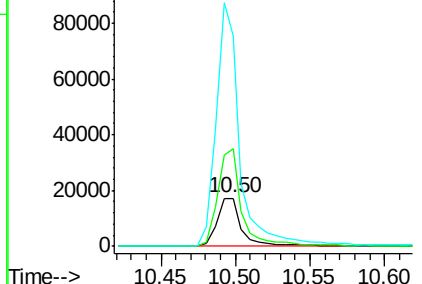
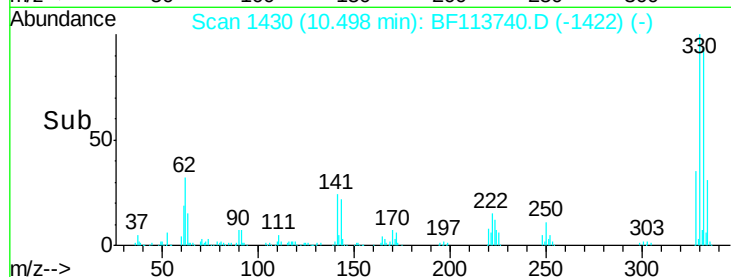
#67
 4-Bromophenyl-phenylether
 Concen: 3.830 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	202.9	78.3	117.5#
141	435.9	56.2	84.4#

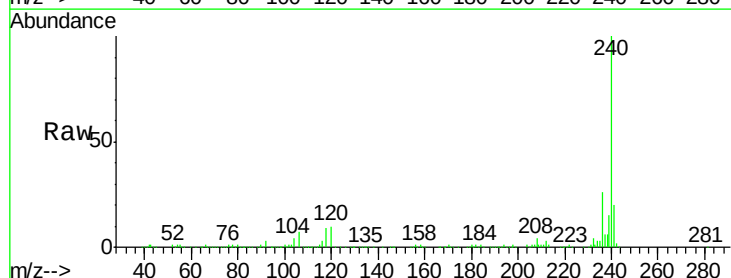


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

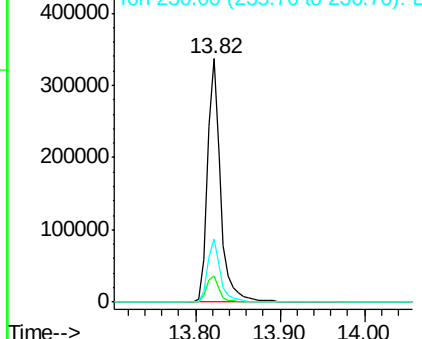
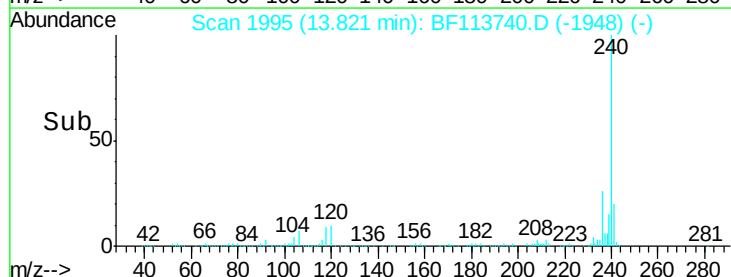


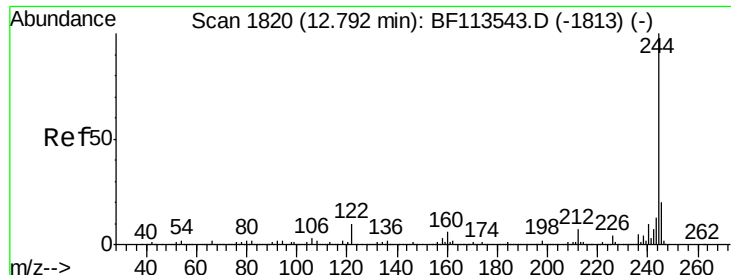
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF113740.D
 Acq: 12 Apr 2019 16:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	26.1	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: 76.984 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113740.D

Acq: 12 Apr 2019 16:02

Instrument :

BNA_F

ClientSampleId :

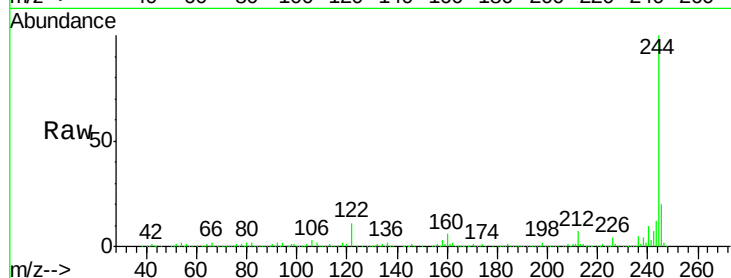
Tot Ion:244 Resp: 1369809

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

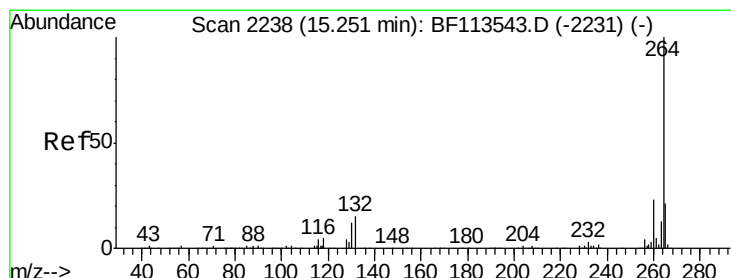
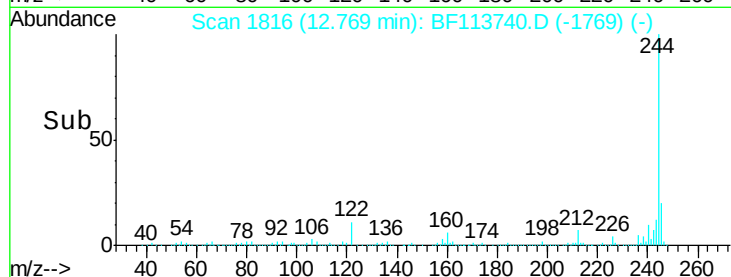
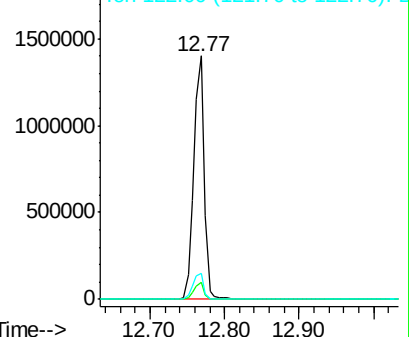
122 10.7 8.6 13.0



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: BF113740.D

Acq: 12 Apr 2019 16:02

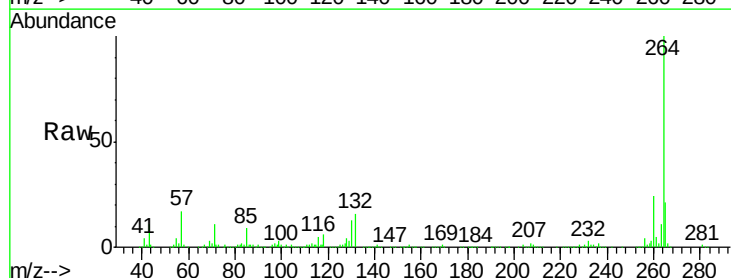
Tgt Ion:264 Resp: 389084

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.5 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

