

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113748.D
 Acq On : 12 Apr 2019 19:56
 Operator : JU/SJ
 Sample : K2358-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 23:01:53 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

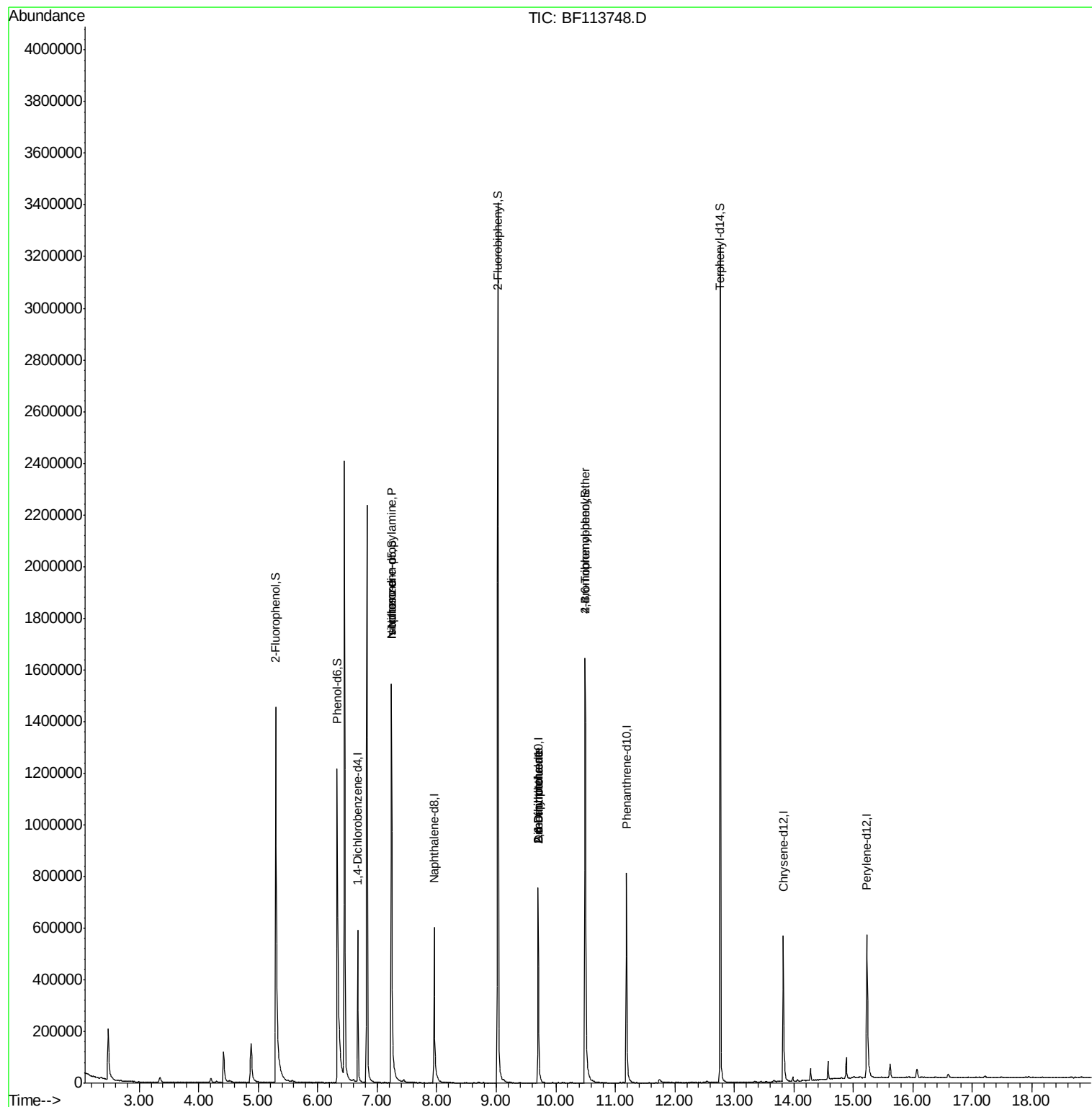
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	102885	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	383066	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	183651	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	379369	20.00	ng	-0.02
76) Chrysene-d12	13.82	240	259589	20.00	ng	-0.02
87) Perylene-d12	15.23	264	308752	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	671206	111.25	ng	0.00
7) Phenol-d6	6.33	99	781049	105.03	ng	-0.01
23) Nitrobenzene-d5	7.24	82	609165	93.15	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	298105	135.13	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1163912	102.03	ng	-0.02
79) Terphenyl-d14	12.76	244	1254245	98.37	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	76575	16.699	ng	# 76
25) Isophorone	7.24	82	609162	48.354	ng	# 64
50) Dimethylphthalate	9.70	163	38158	2.819	ng	# 1
51) 2,6-Dinitrotoluene	9.70	165	23251	7.792	ng	# 28
57) 2,4-Dinitrotoluene	9.70	165	23251	6.443	ng	# 24
67) 4-Bromophenyl-phenylether	10.49	248	16843	3.959	ng	# 1

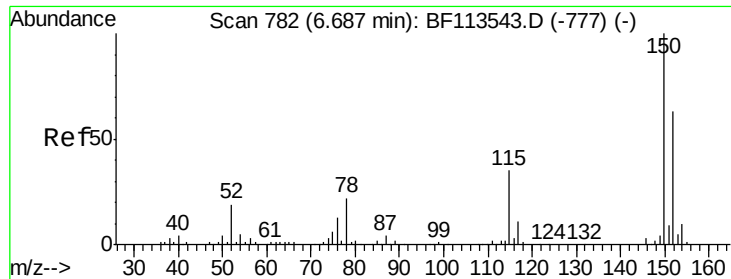
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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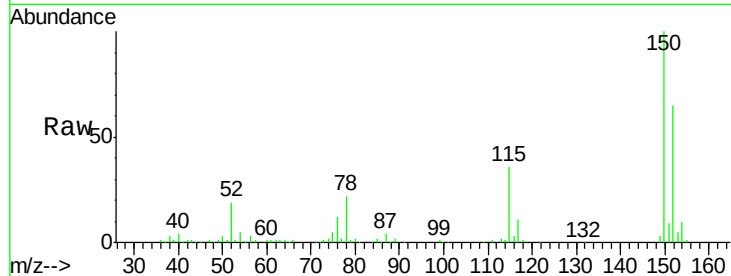


#1

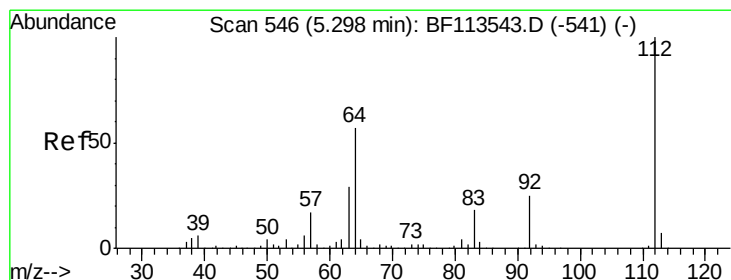
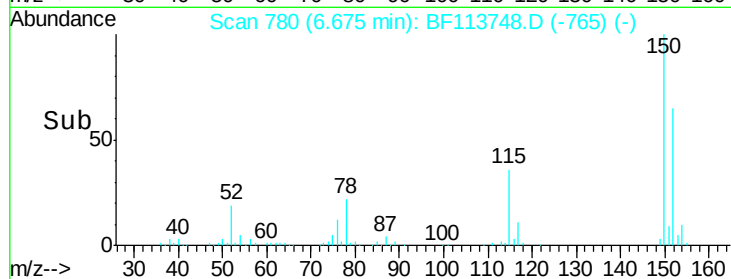
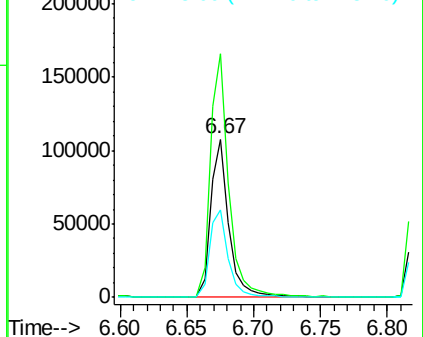
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113748.D
Acq: 12 Apr 2019 19:56

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	55.4	46.0	69.0



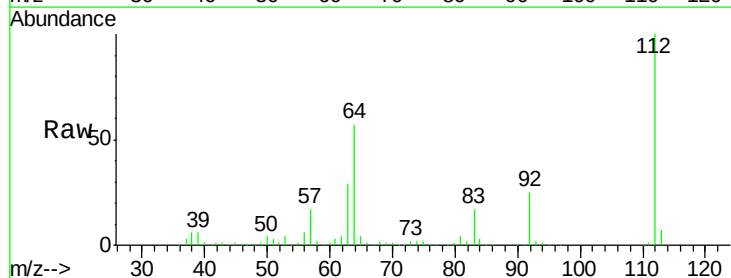
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



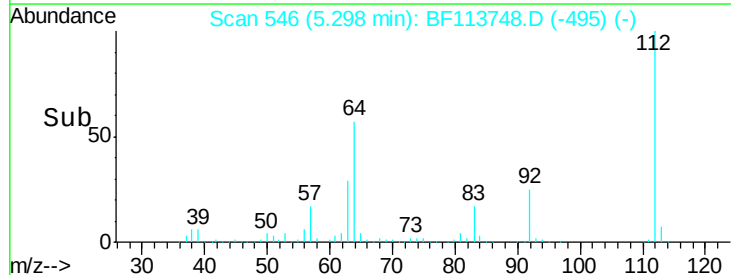
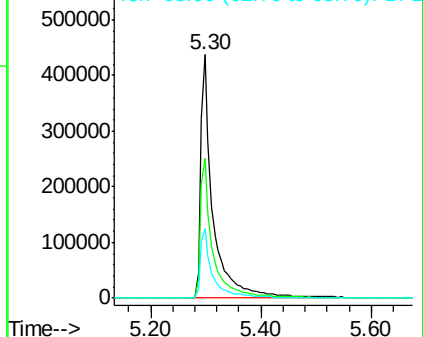
#5

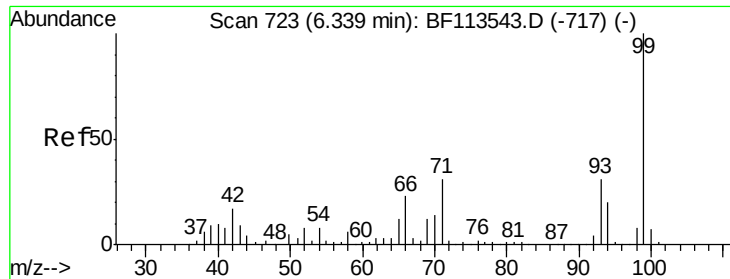
2-Fluorophenol
Concen: 111.247 ng
RT: 5.30 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF113748.D
Acq: 12 Apr 2019 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.2	73.8
63	28.5	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: 105.032 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

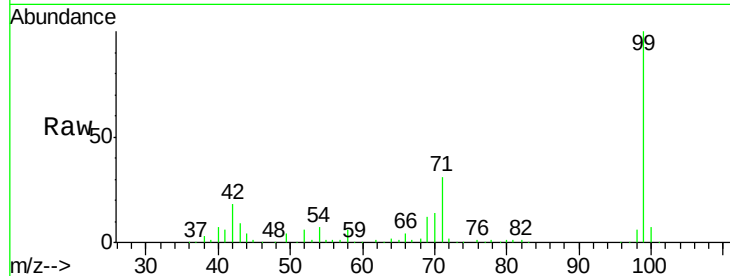
Tot Ion: 99 Resp: 781049

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

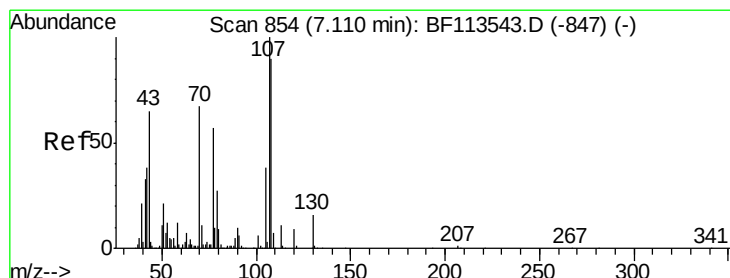
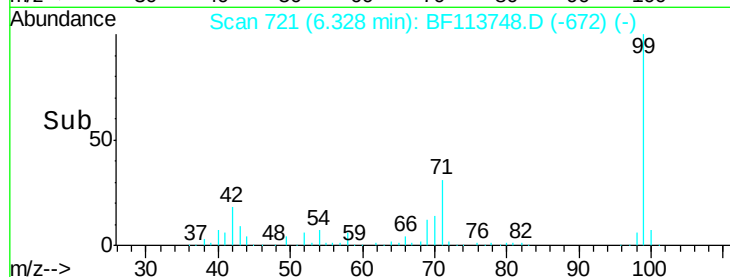
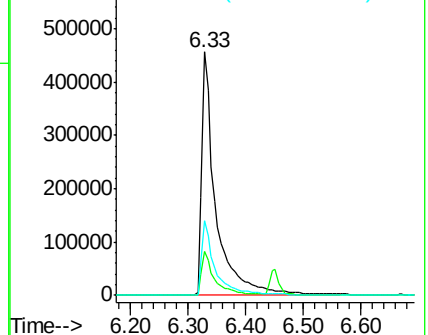
71 30.9 24.9 37.3



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: 16.699 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Tgt Ion: 70 Resp: 76575

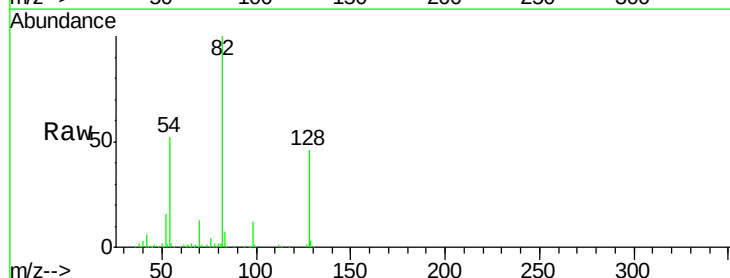
Ion Ratio Lower Upper

70 100

42 48.0 48.4 72.6#

101 0.0 7.8 11.8#

130 2.6 18.2 27.4#

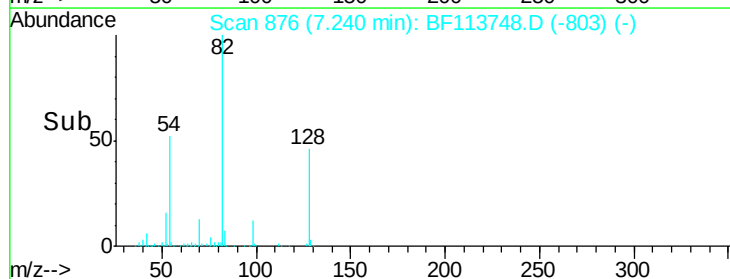
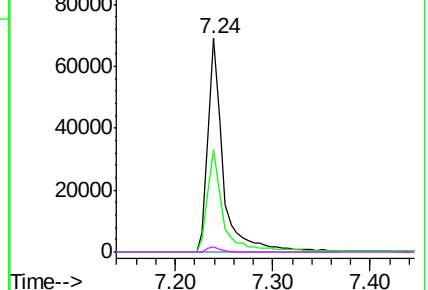


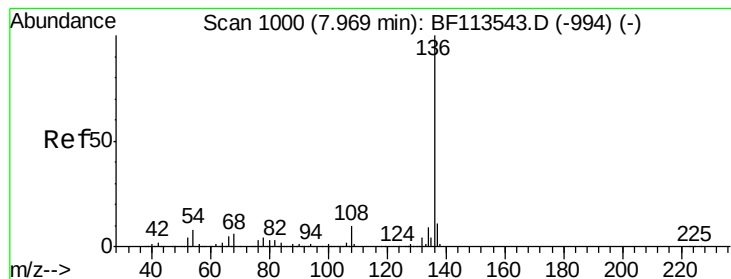
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 383066

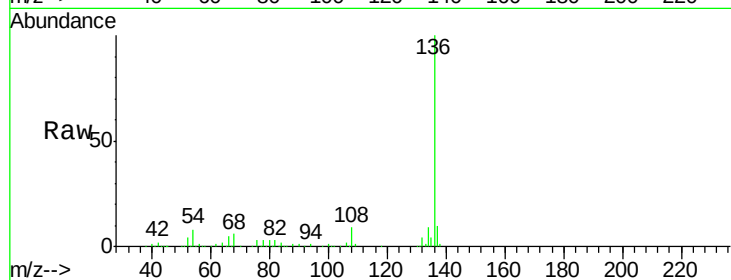
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 7.6 7.0 10.6

68 5.6 4.8 7.2

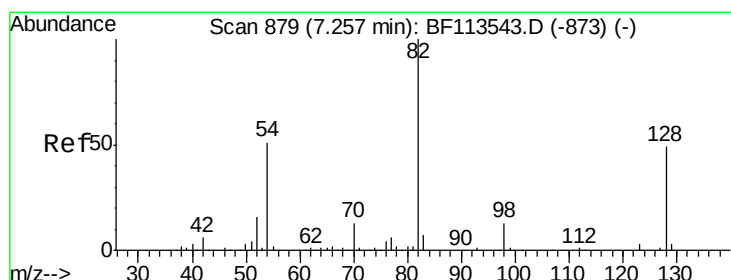
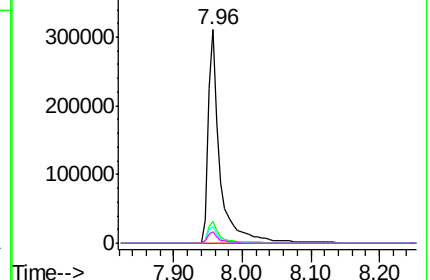
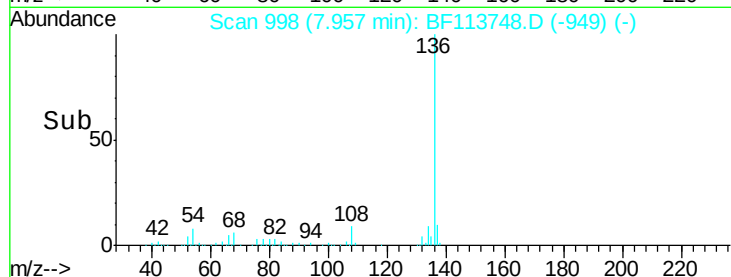


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.148 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

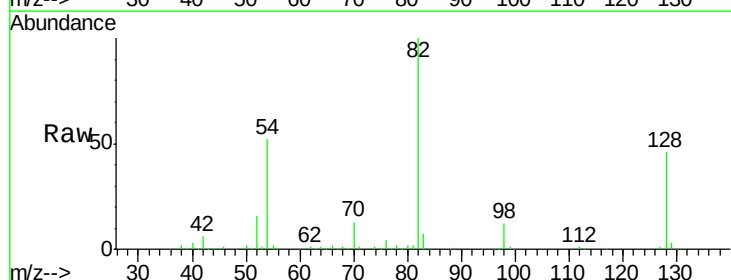
Tgt Ion: 82 Resp: 609165

Ion Ratio Lower Upper

82 100

128 45.9 36.5 54.7

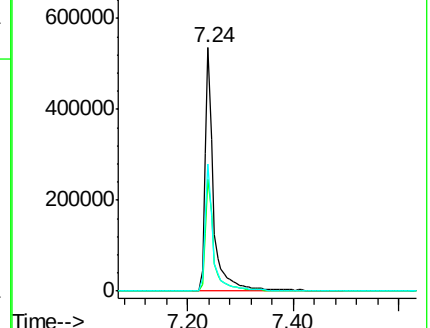
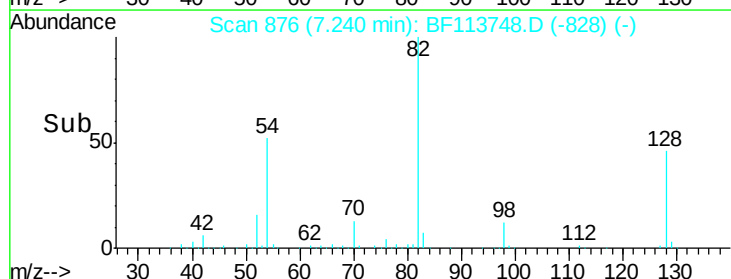
54 52.0 42.2 63.2

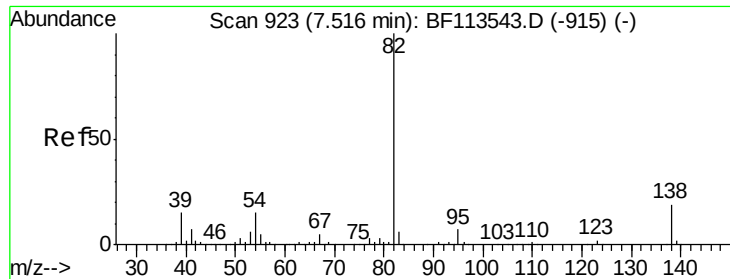


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.354 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

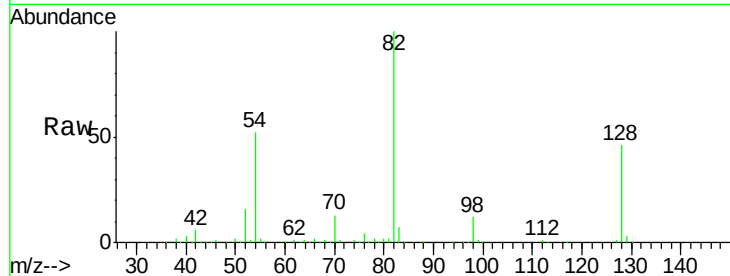
Tot Ion: 82 Resp: 609162

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

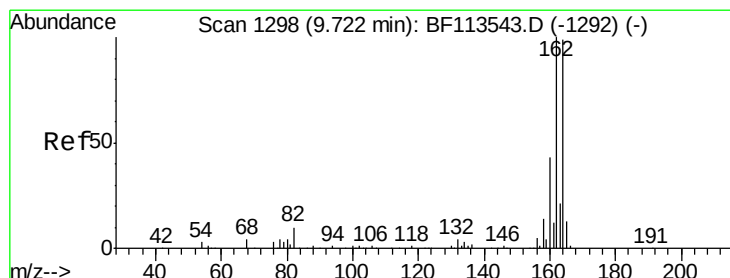
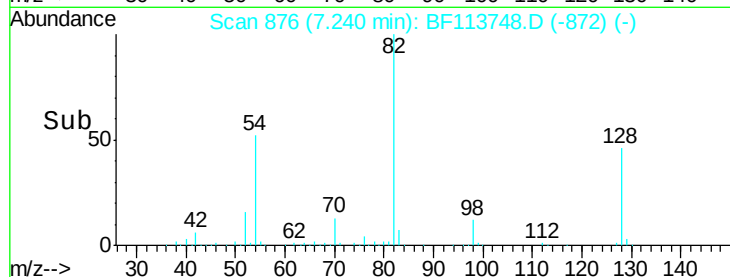
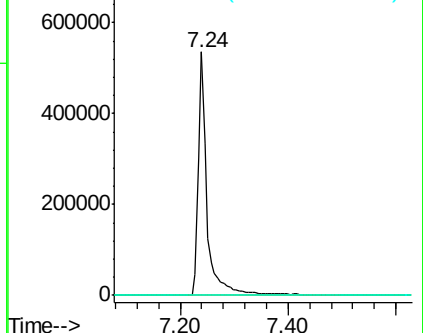
138 0.0 15.2 22.8#



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: BF113748.D

Acq: 12 Apr 2019 19:56

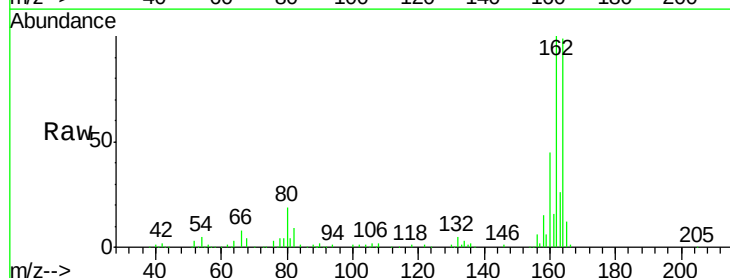
Tgt Ion: 164 Resp: 183651

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

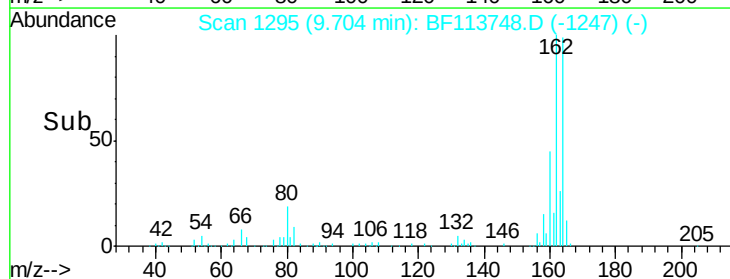
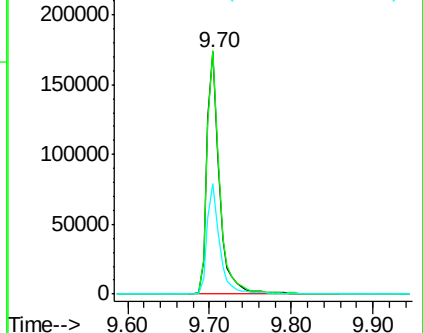
160 45.4 36.4 54.6

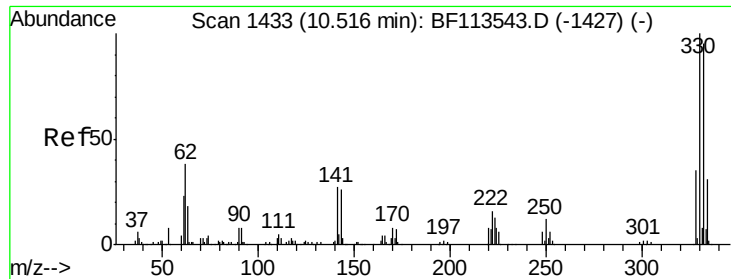


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 135.128 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

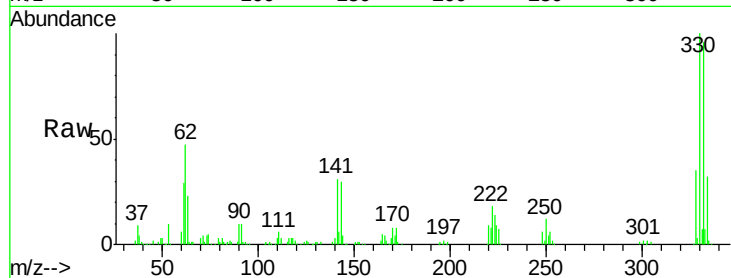
Tot Ion:330 Resp: 298105

Ion Ratio Lower Upper

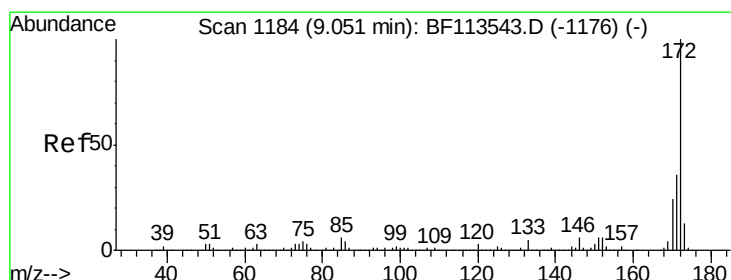
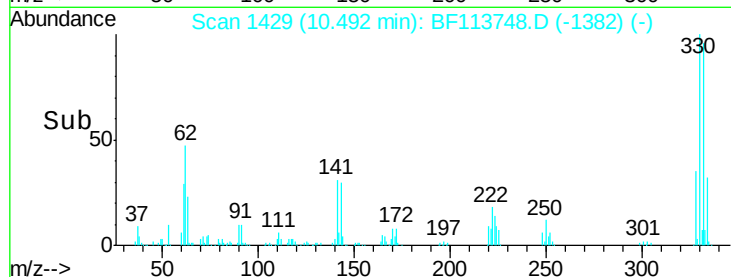
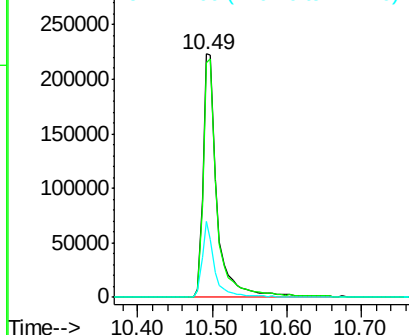
330 100

332 96.3 77.8 116.6

141 28.0 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: 102.029 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

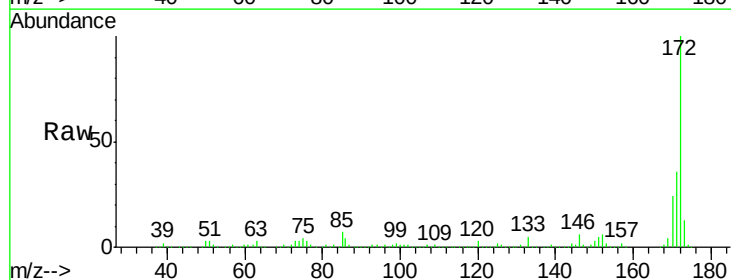
Tgt Ion:172 Resp: 1163912

Ion Ratio Lower Upper

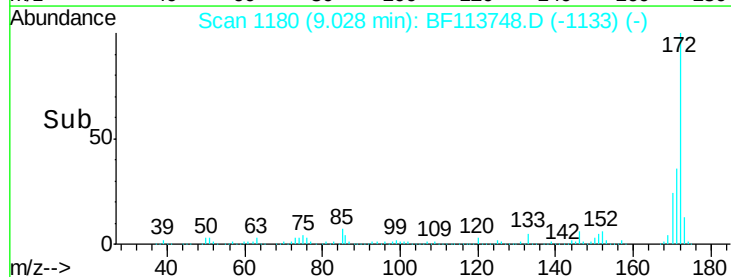
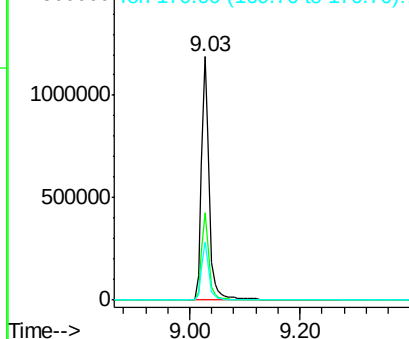
172 100

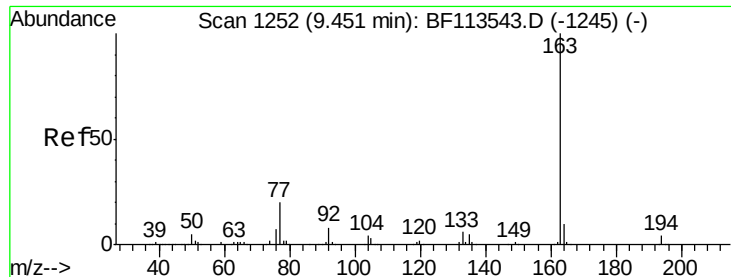
171 35.8 29.0 43.6

170 24.0 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: 2.819 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.25 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

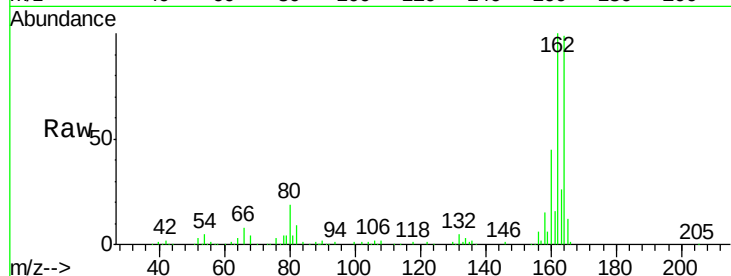
Tot Ion:163 Resp: 38158

Ion Ratio Lower Upper

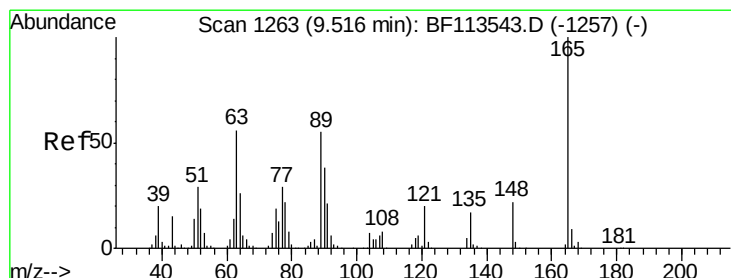
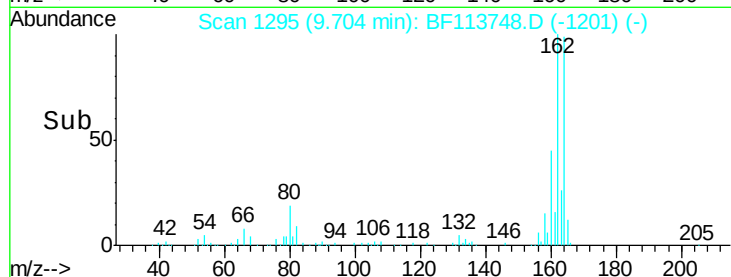
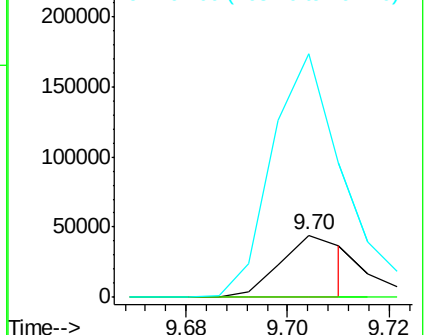
163 100

194 0.0 3.0 4.6#

164 389.7 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: 7.792 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.19 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

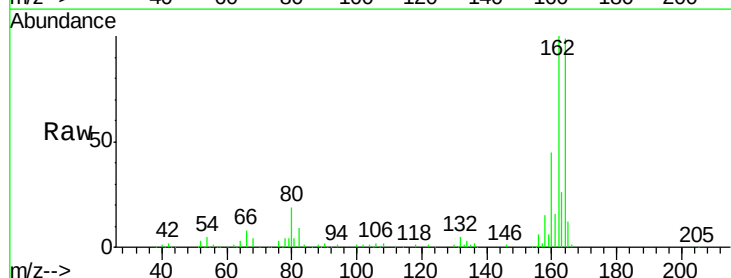
Tgt Ion:165 Resp: 23251

Ion Ratio Lower Upper

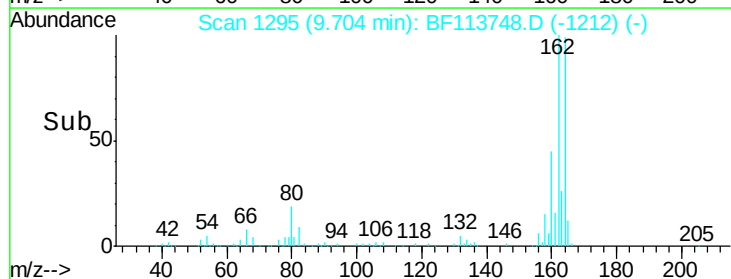
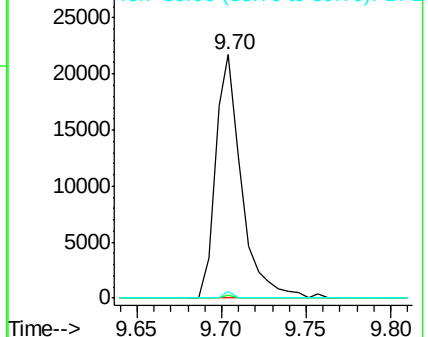
165 100

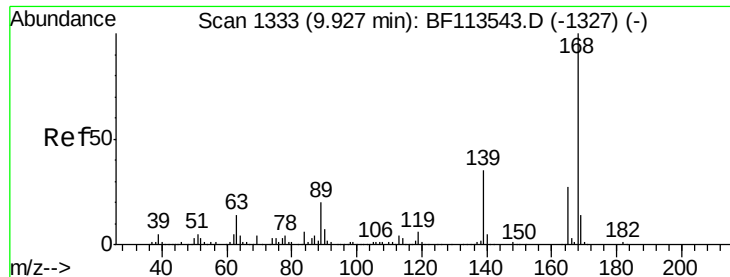
63 1.4 43.4 65.0#

89 3.0 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

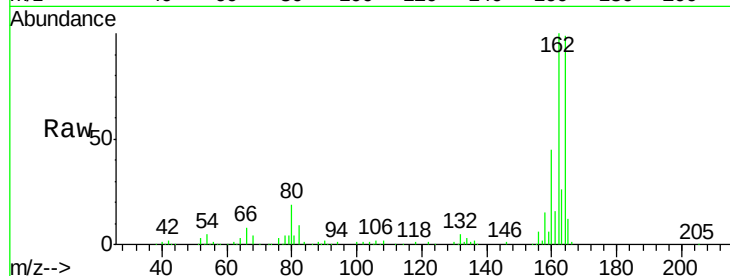




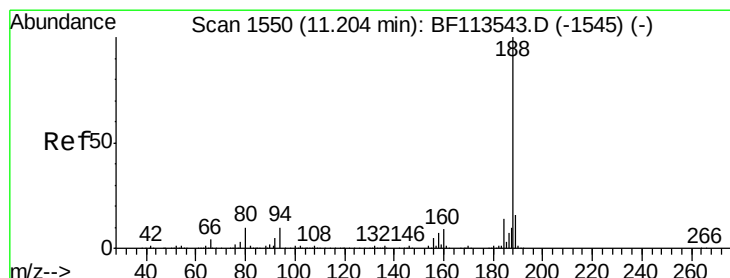
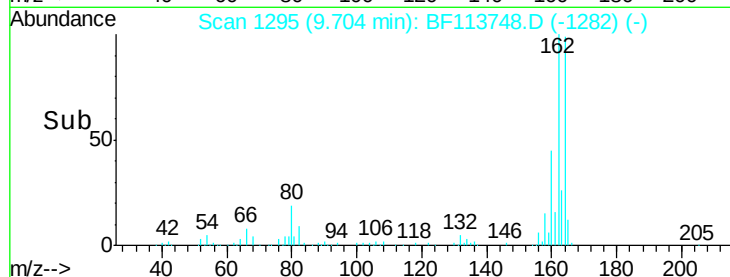
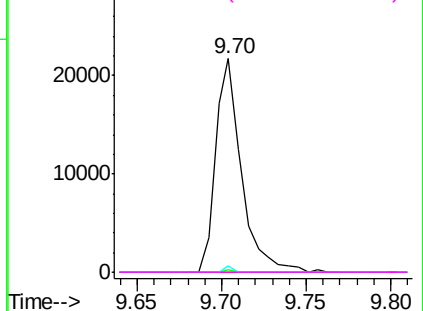
#57
 2,4-Dinitrotoluene
 Concen: 6.443 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.22 min
 Lab File: BF113748.D
 Acq: 12 Apr 2019 19:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23251
 Ion Ratio Lower Upper
 165 100
 63 1.4 37.5 56.3#
 89 3.0 57.4 86.2#
 182 0.0 2.0 3.0#

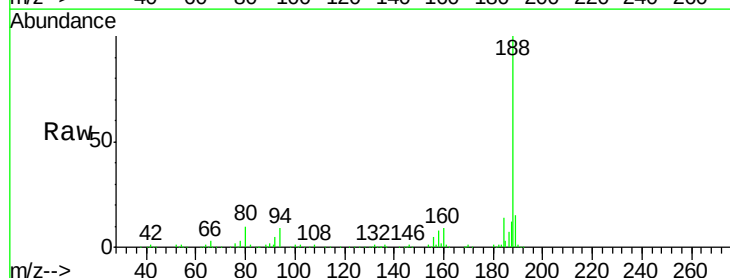


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

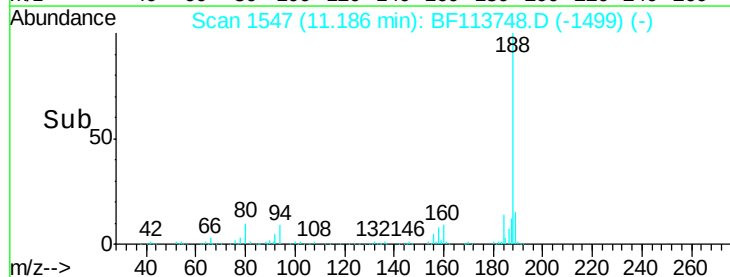
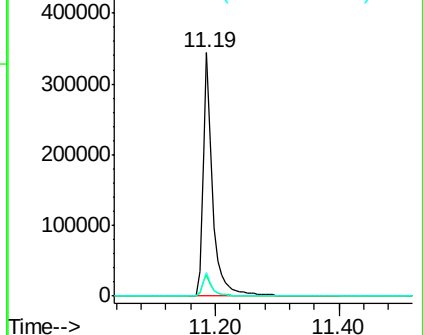


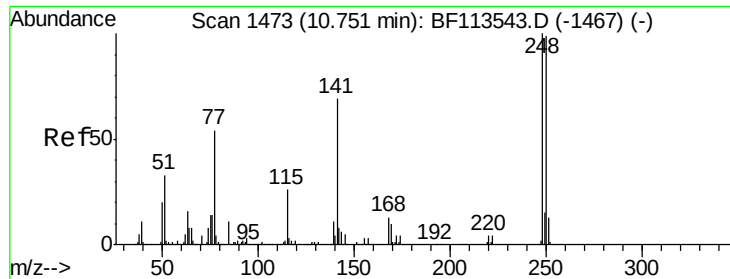
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF113748.D
 Acq: 12 Apr 2019 19:56

Tgt Ion:188 Resp: 379369
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.6
 80 9.5 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

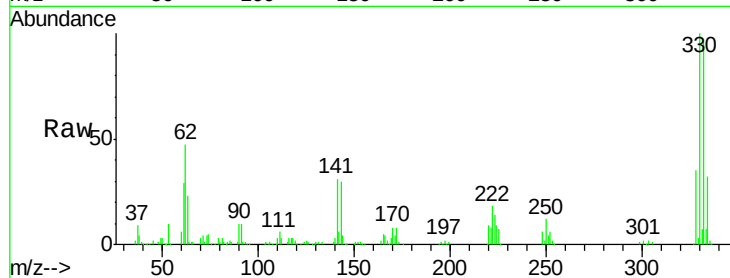




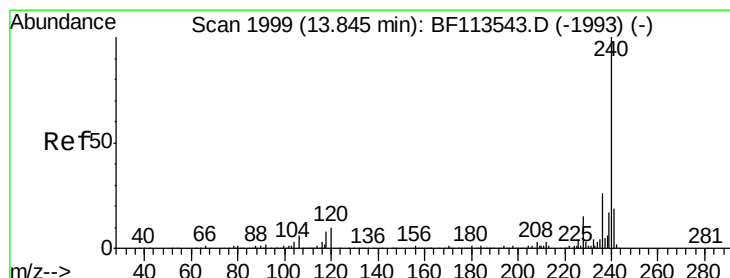
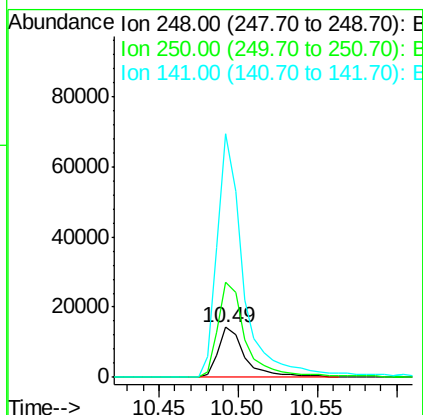
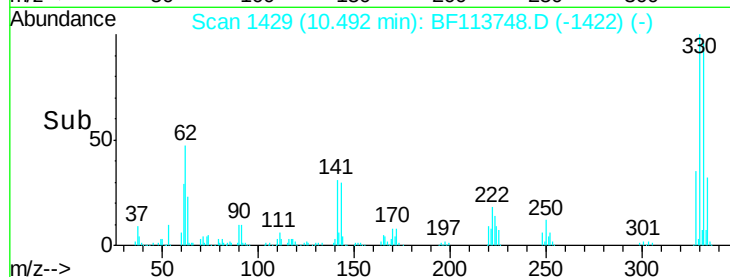
#67
4-Bromophenyl-phenylether
Concen: 3.959 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.26 min
Lab File: BF113748.D
Acq: 12 Apr 2019 19:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 16843
Ion Ratio Lower Upper
248 100
250 190.7 78.3 117.5#
141 489.6 56.2 84.4#

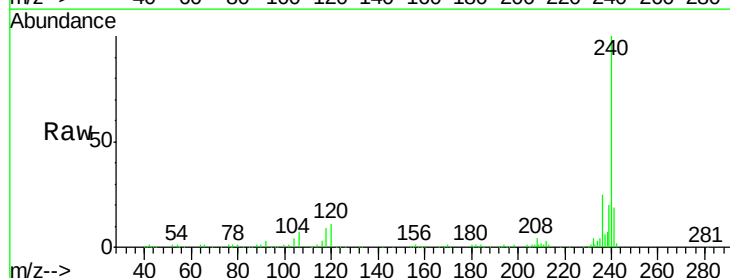


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

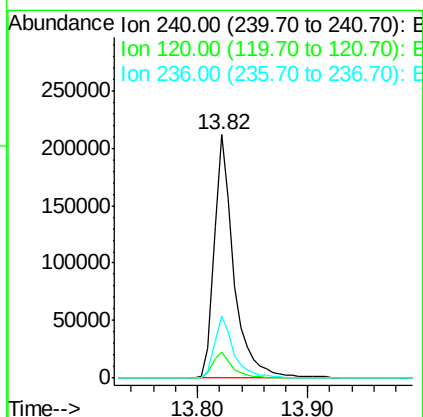
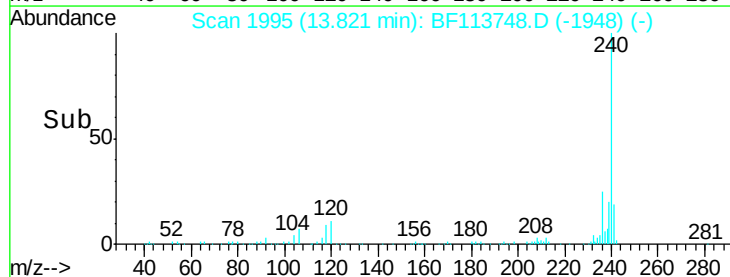


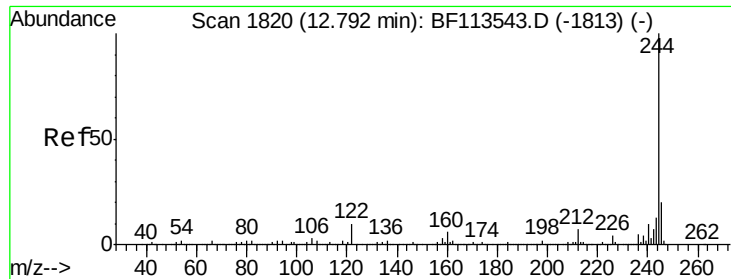
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113748.D
Acq: 12 Apr 2019 19:56

Tgt Ion:240 Resp: 259589
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.4 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: 98.373 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.03 min

Lab File: BF113748.D

Acq: 12 Apr 2019 19:56

Instrument :

BNA_F

ClientSampleId :

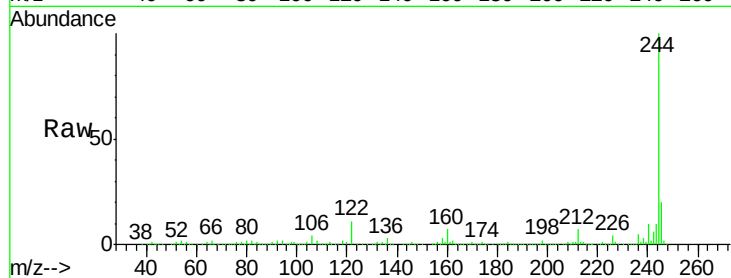
Tot Ion:244 Resp: 1254245

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

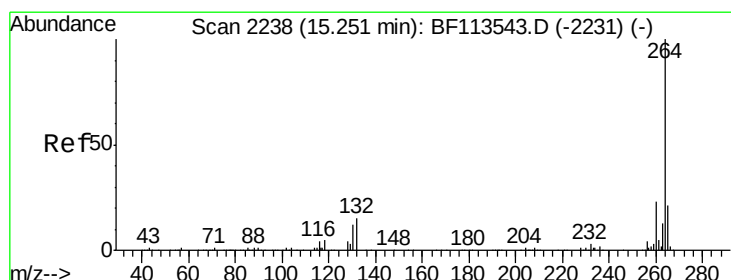
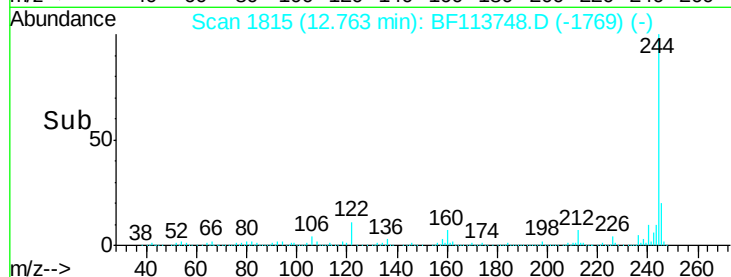
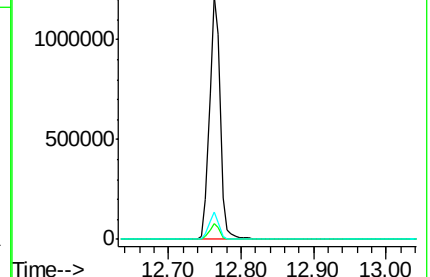
122 11.4 8.6 13.0



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: BF113748.D

Acq: 12 Apr 2019 19:56

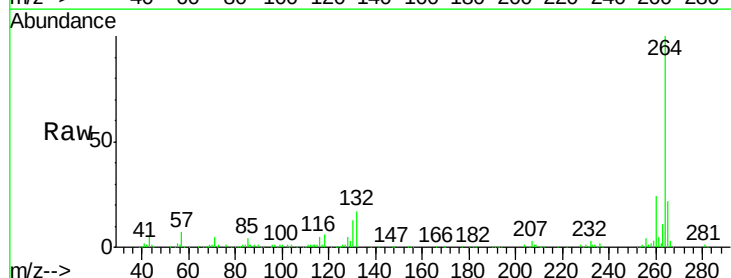
Tgt Ion:264 Resp: 308752

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.9 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

