

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111825.D
 Acq On : 3 Jan 2019 17:11
 Operator : JU/SJ
 Sample : K1017-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 01:31:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	248529	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	978505	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	493696	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	789670	20.00	ng	0.01
76) Chrysene-d12	14.06	240	384525	20.00	ng	0.01
87) Perylene-d12	15.56	264	400925	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1230886	84.42	ng	0.02
7) Phenol-d6	6.55	99	1601765	86.32	ng	0.02
23) Nitrobenzene-d5	7.46	82	1021227	60.75	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	483422	82.87	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1950180	57.58	ng	0.00
79) Terphenyl-d14	13.01	244	1054577	52.01	ng	0.01

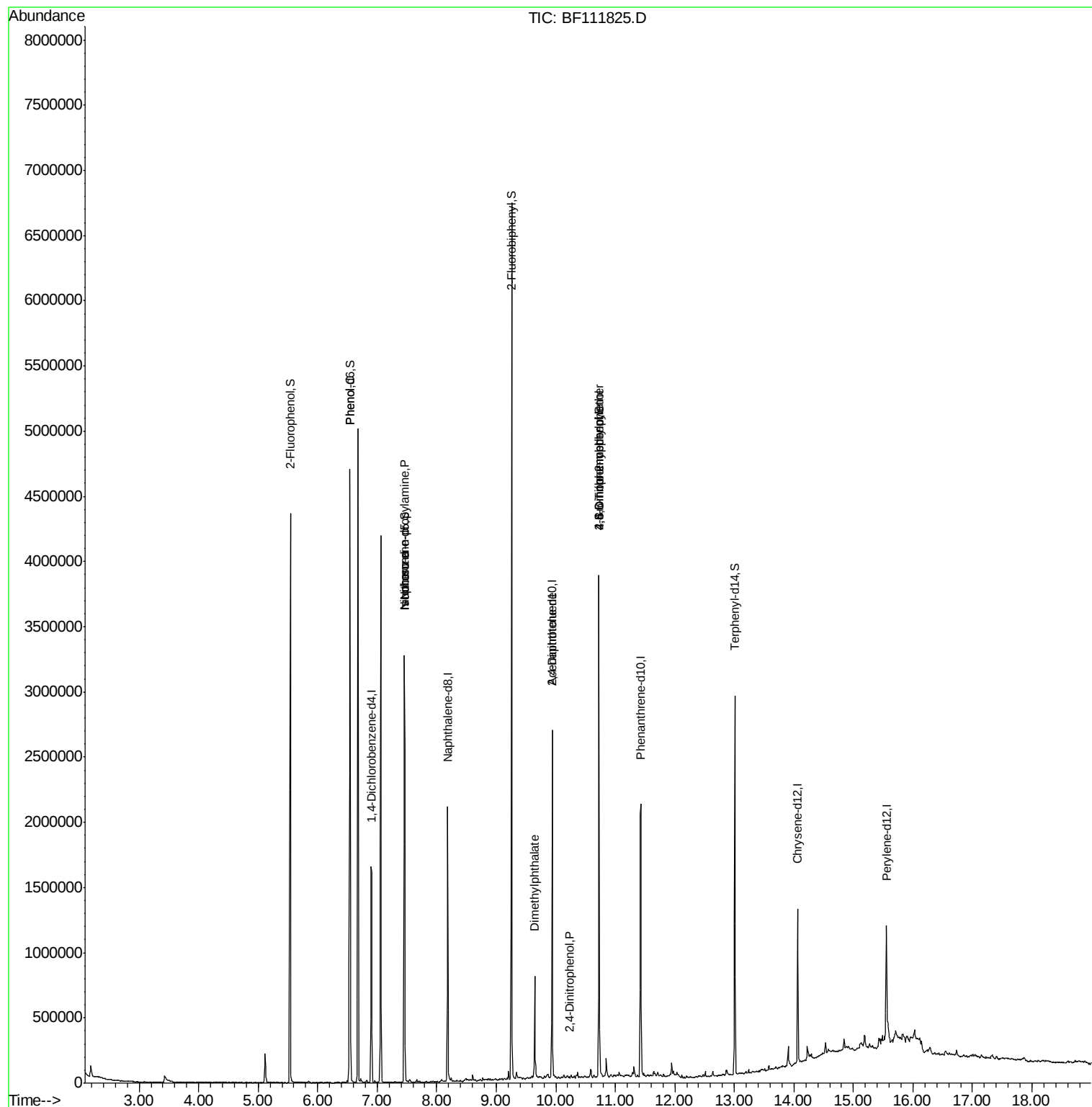
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	84708	4.046	ng	88
19) n-Nitroso-di-n-propylamine	7.46	70	137402	11.150	ng	# 77
25) Isophorone	7.46	82	1014286	33.987	ng	# 64
50) Dimethylphthalate	9.65	163	288175	7.982	ng	98
54) 2,4-Dinitrophenol	10.23	184	160	7.370	ng	# 12
57) 2,4-Dinitrotoluene	9.94	165	66149	7.646	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	1016	6.961	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	29111	2.972	ng	# 1

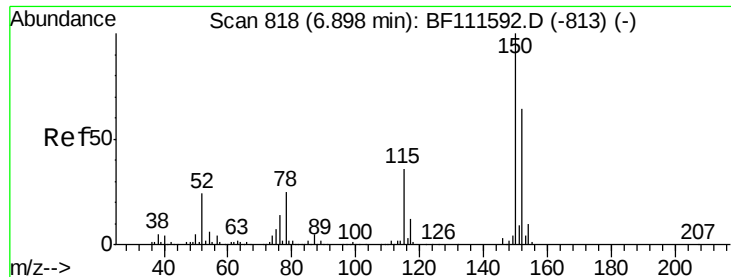
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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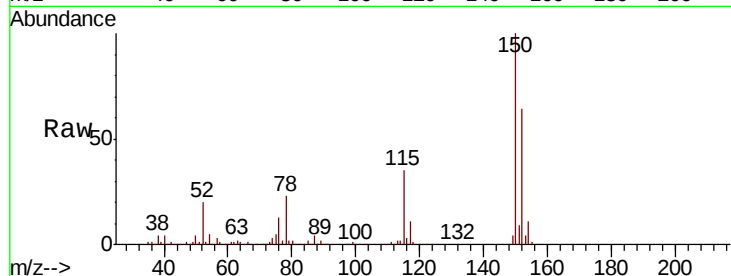


#1

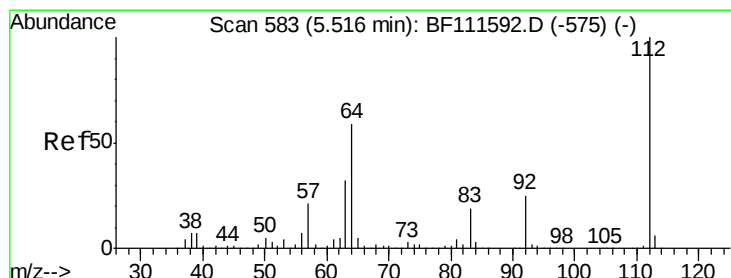
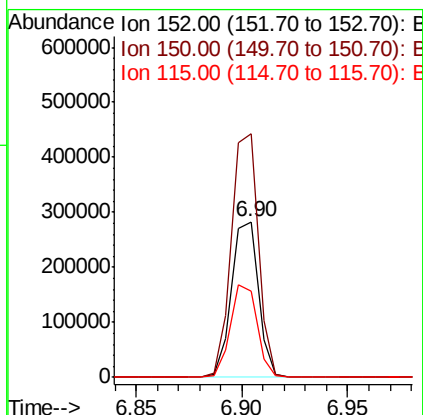
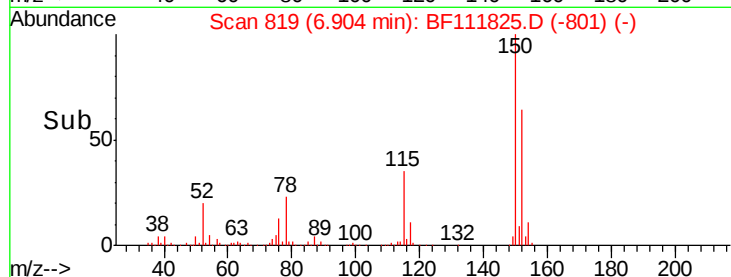
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 248529
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 55.2 50.7 76.1



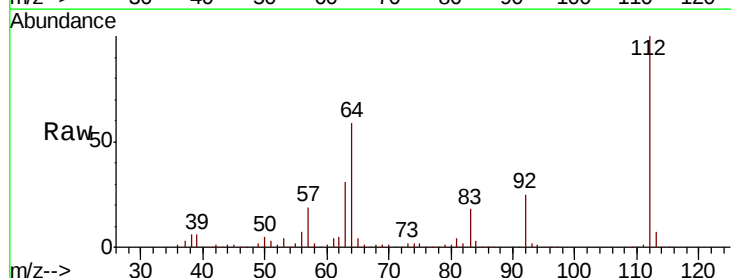
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



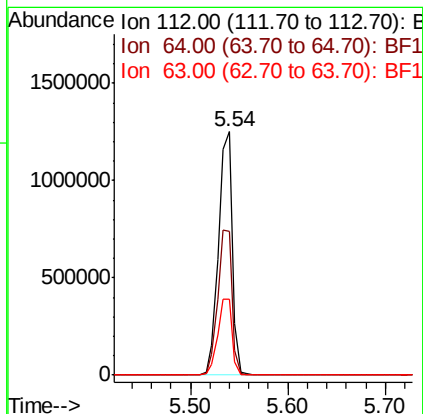
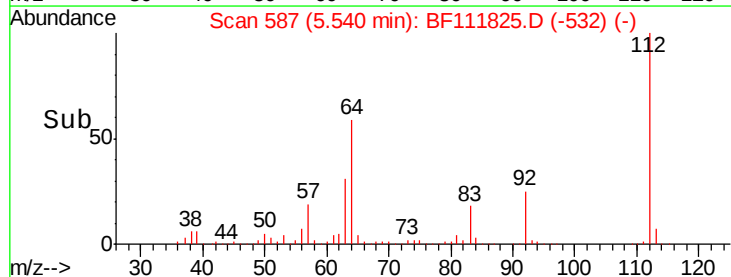
#5

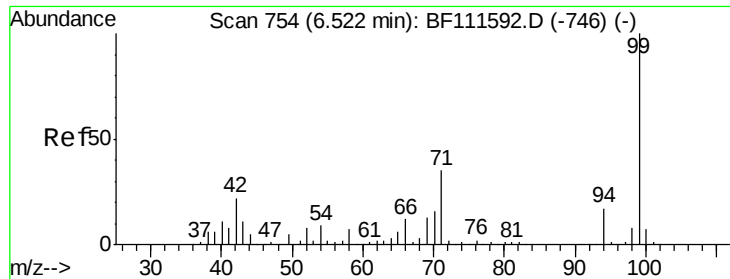
2-Fluorophenol
Concen: 84.420 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Tgt Ion:112 Resp: 1230886
Ion Ratio Lower Upper
112 100
64 59.3 51.8 77.6
63 31.1 26.8 40.2



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: 86.321 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

Instrument :

BNA_F

ClientSampleId :

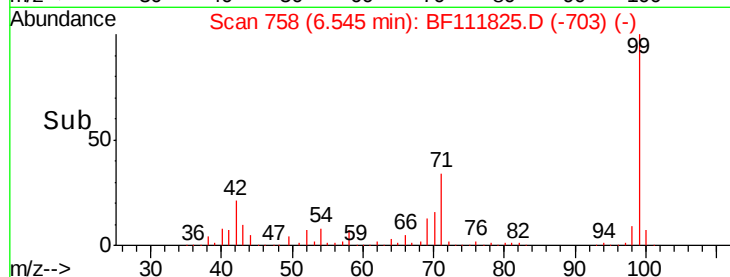
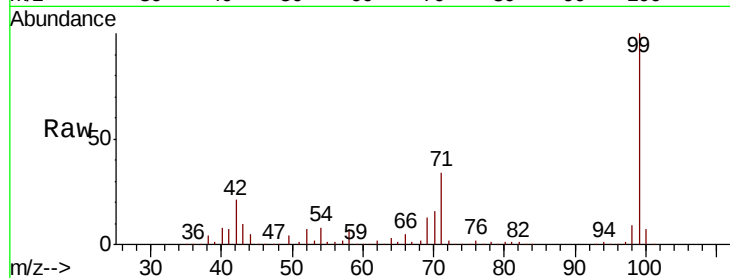
Tot Ion: 99 Resp: 1601765

Ion Ratio Lower Upper

99 100

42 20.6 17.4 26.0

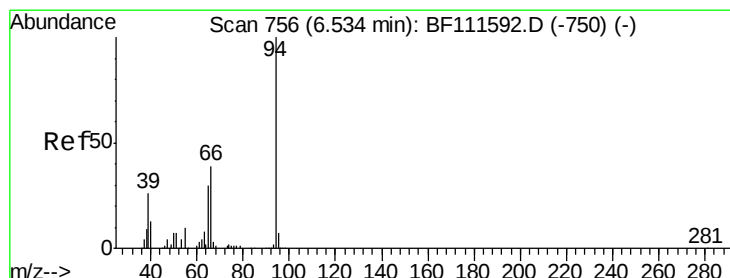
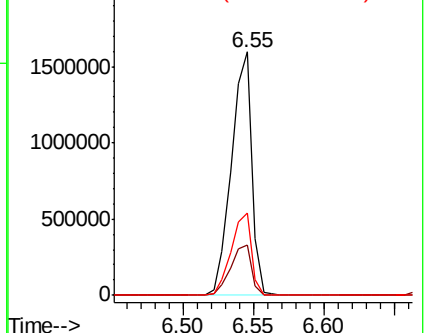
71 33.9 26.1 39.1



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



#10

Phenol

Concen: 4.046 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

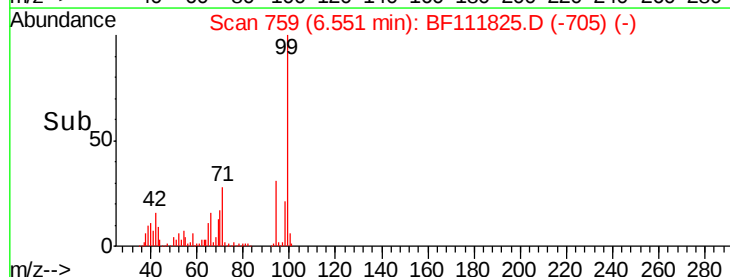
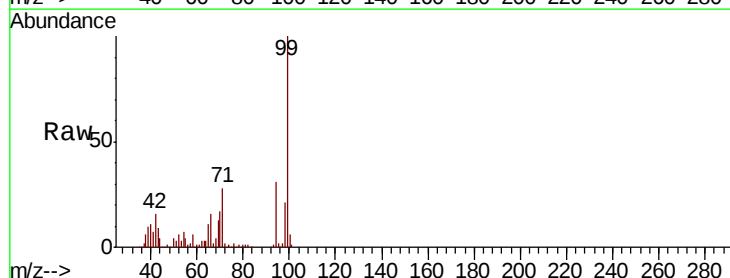
Tgt Ion: 94 Resp: 84708

Ion Ratio Lower Upper

94 100

65 34.4 11.7 51.7

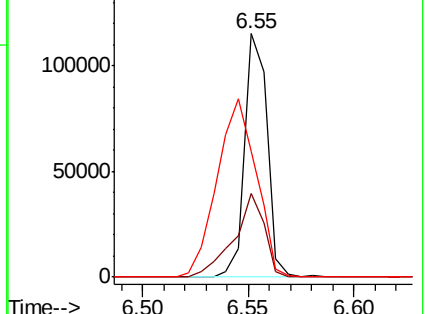
66 51.6 21.0 61.0

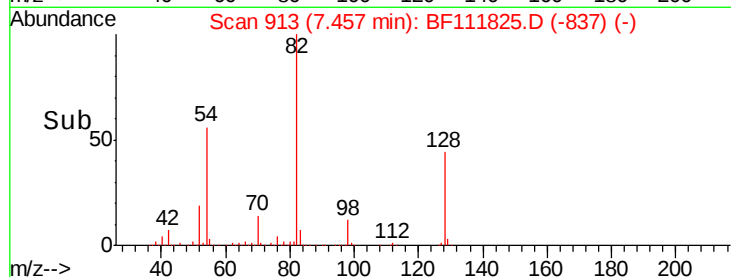
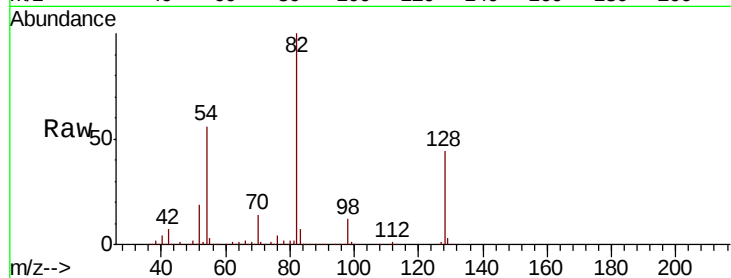
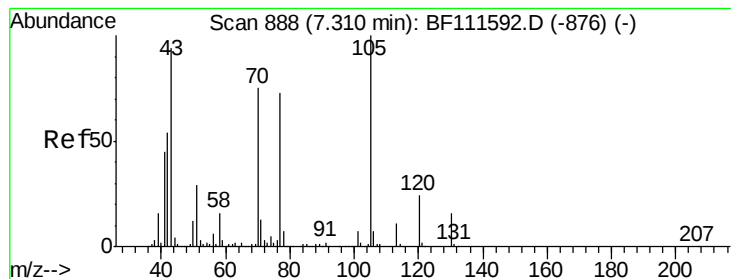


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.150 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 137402

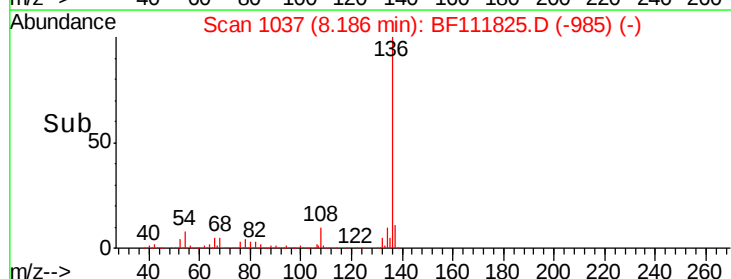
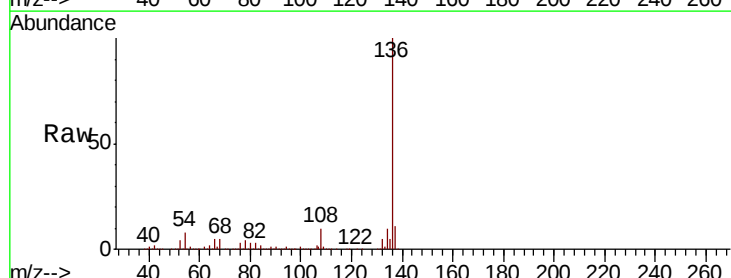
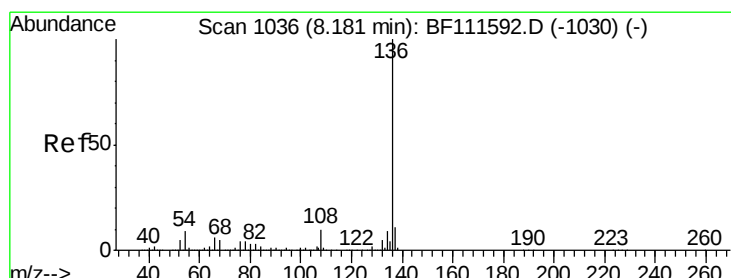
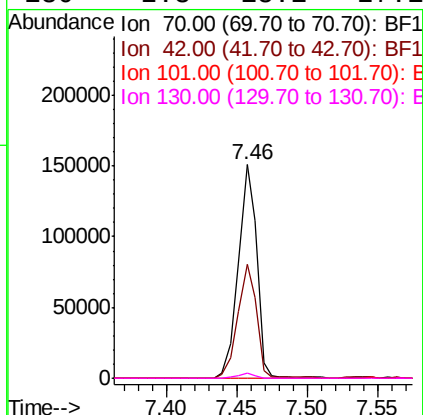
Ion Ratio Lower Upper

70 100

42 53.5 53.2 79.8

101 0.0 8.2 12.4#

130 2.3 18.1 27.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

Tgt Ion: 136 Resp: 978505

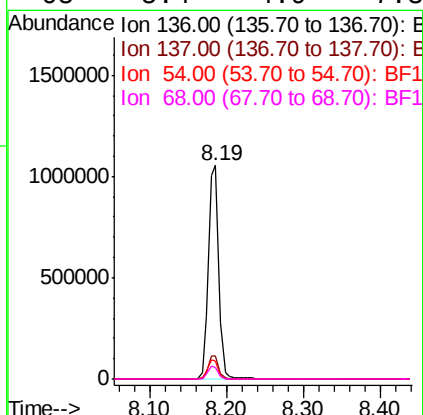
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.3 7.7 11.5

68 5.4 4.9 7.3

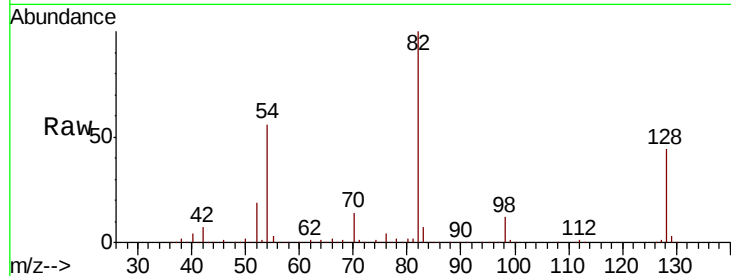




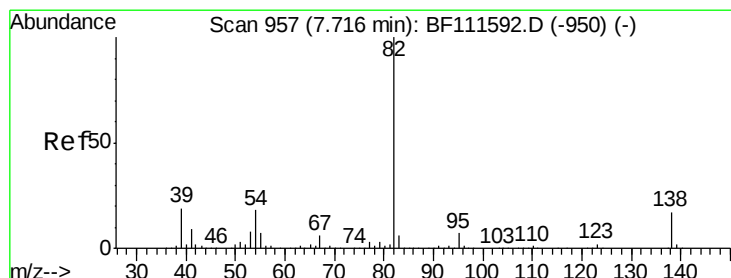
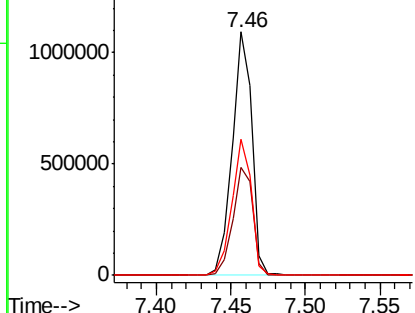
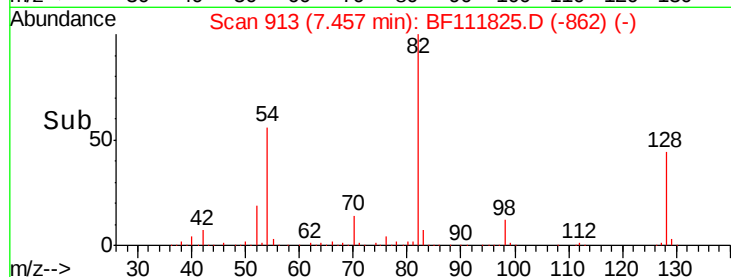
#23
Nitrobenzene-d5
Concen: 60.749 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1021227
Ion Ratio Lower Upper
82 100
128 44.3 37.4 56.2
54 56.0 47.6 71.4

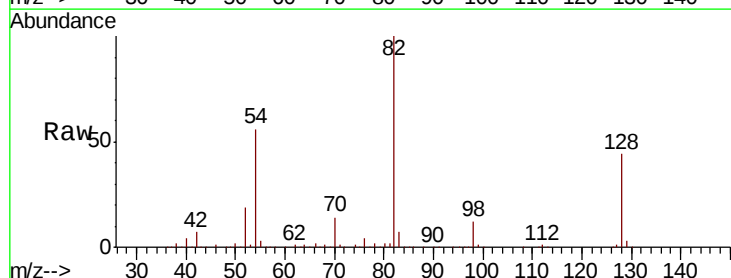


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

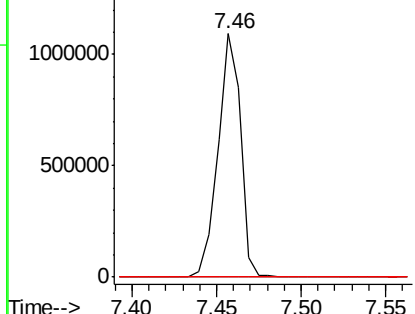
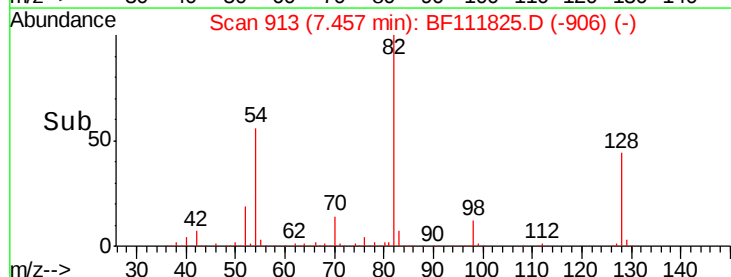


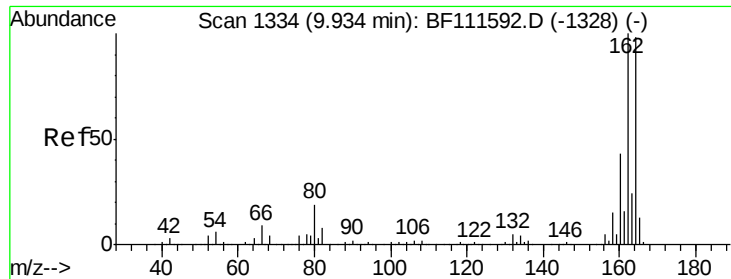
#25
Isophorone
Concen: 33.987 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Tgt Ion: 82 Resp: 1014286
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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

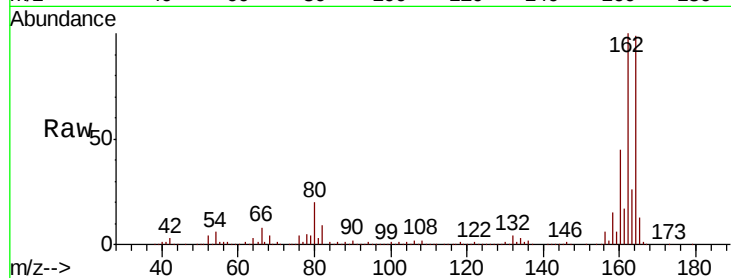




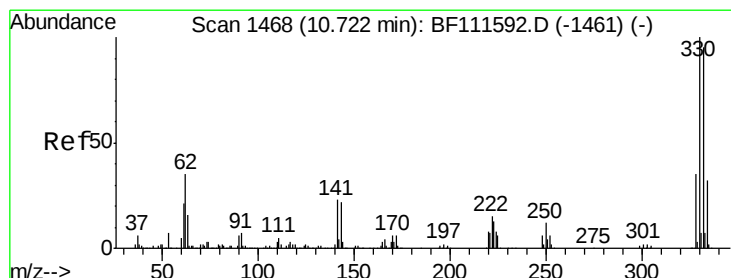
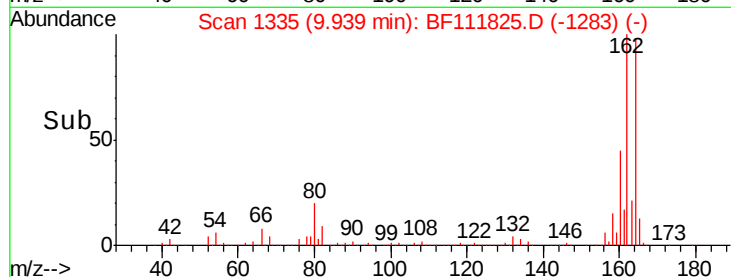
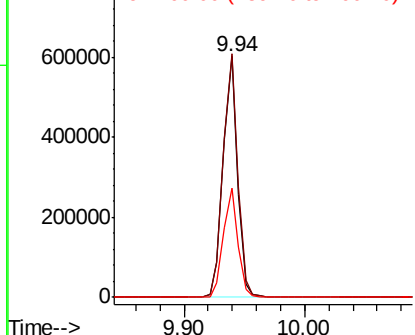
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.4	122.0
160	45.4	35.7	53.5

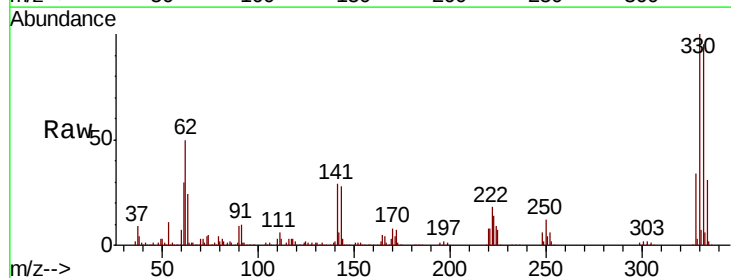


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

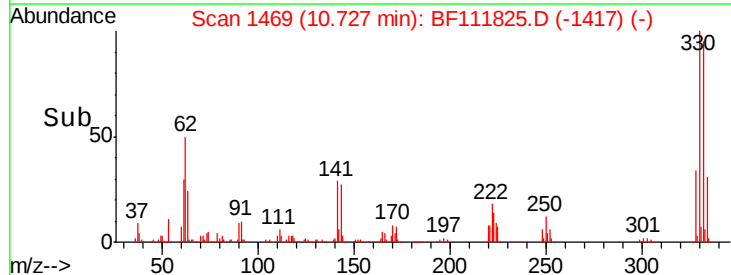
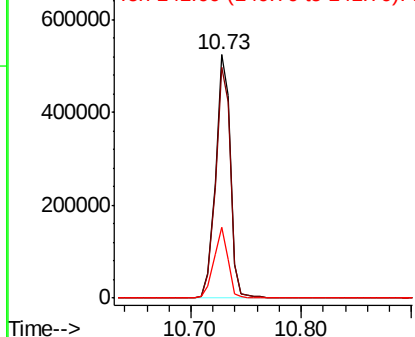


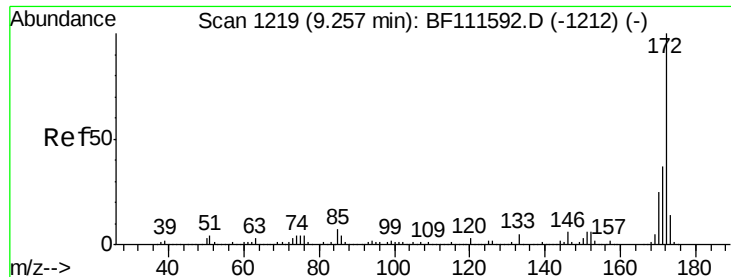
#42
2,4,6-Tribromophenol
Concen: 82.871 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	28.0	31.0	46.6#



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

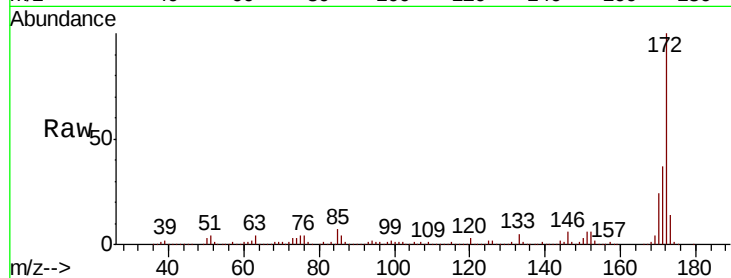




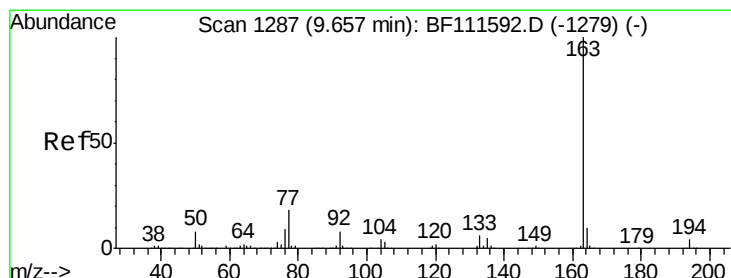
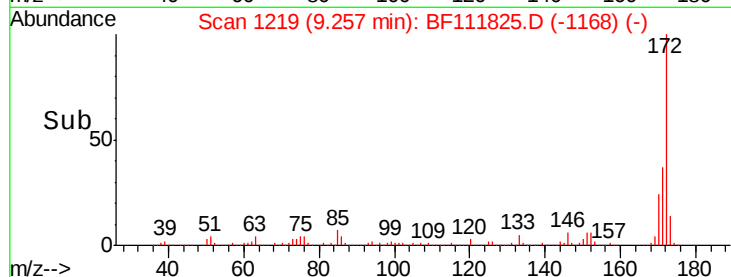
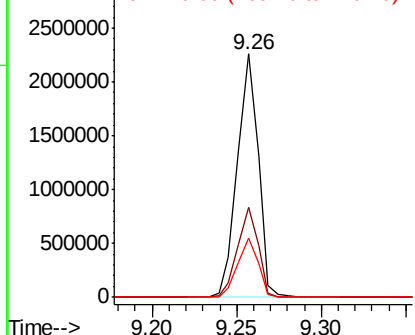
#45
2-Fluorobiphenyl
Concen: 57.577 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1950180
Ion Ratio Lower Upper
172 100
171 37.0 33.0 49.4
170 24.3 22.3 33.5

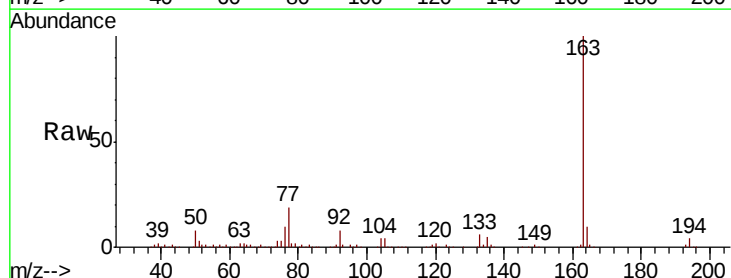


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

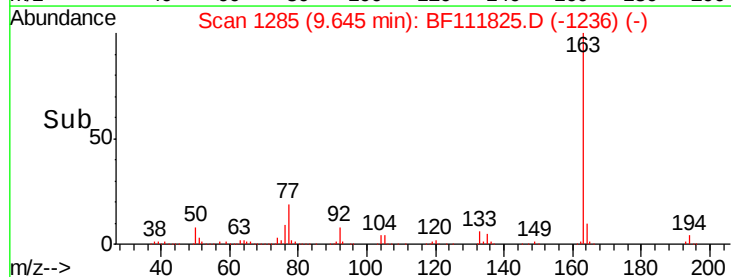
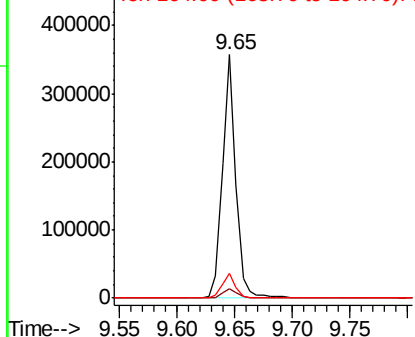


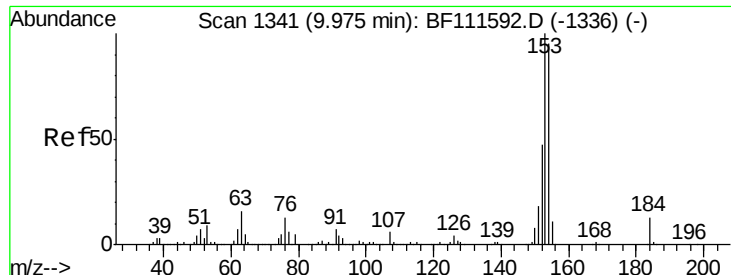
#50
Dimethylphthalate
Concen: 7.982 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Tgt Ion:163 Resp: 288175
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.1 8.9 13.3



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

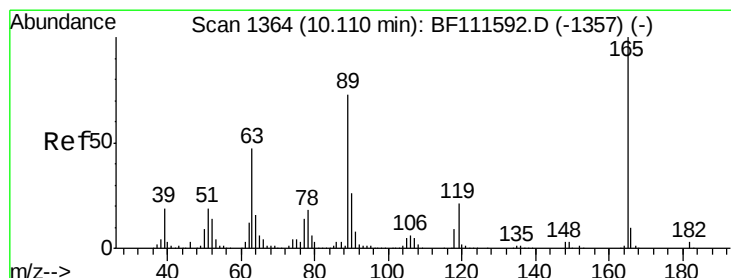
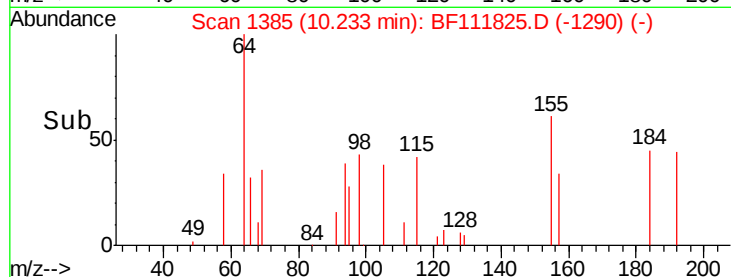
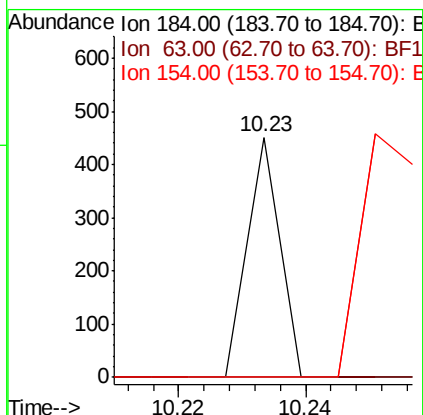
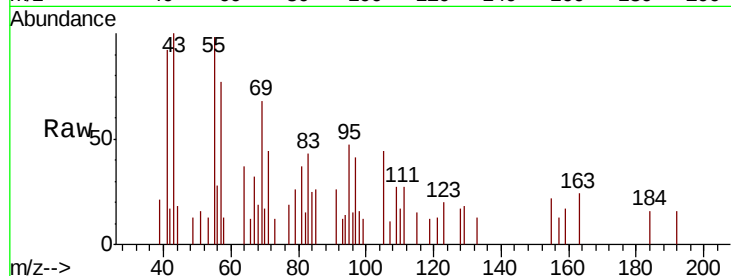




#54
 2,4-Dinitrophenol
 Concen: 7.370 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.26 min
 Lab File: BF111825.D
 Acq: 3 Jan 2019 17:11

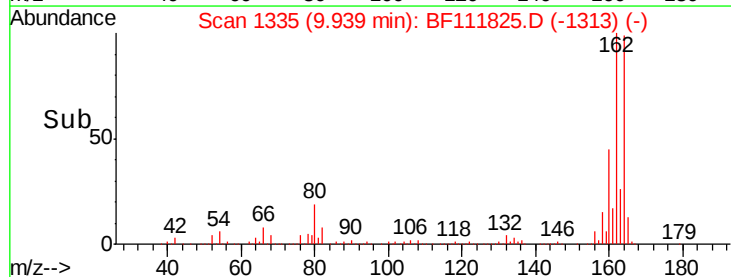
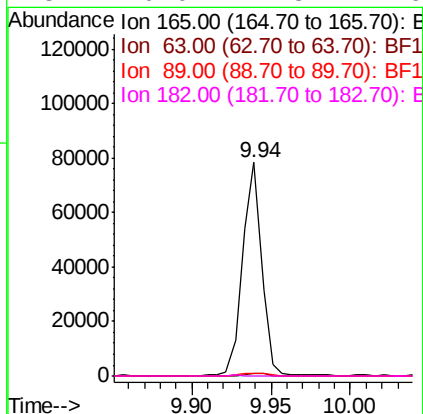
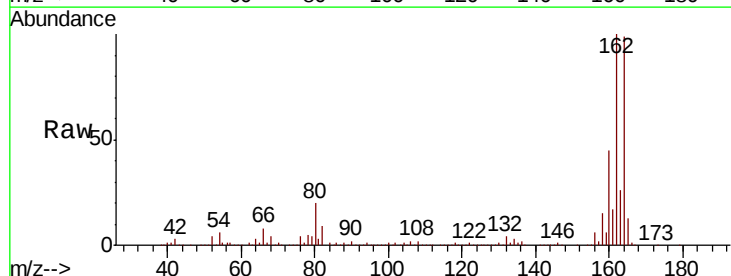
Instrument :
 BNA_F
 ClientSampleId :

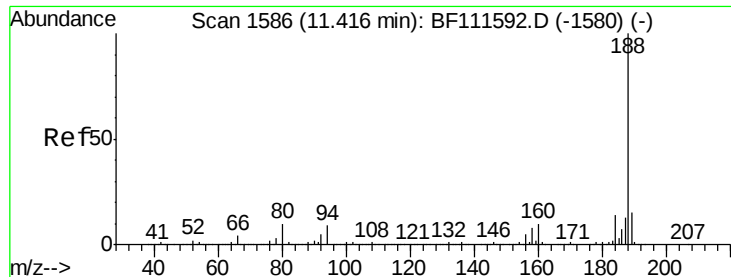
Tot Ion:184 Resp: 160
 Ion Ratio Lower Upper
 184 100
 63 0.0 62.3 93.5#
 154 0.0 56.2 84.2#



#57
 2,4-Dinitrotoluene
 Concen: 7.646 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.17 min
 Lab File: BF111825.D
 Acq: 3 Jan 2019 17:11

Tgt Ion:165 Resp: 66149
 Ion Ratio Lower Upper
 165 100
 63 1.4 34.6 52.0#
 89 1.5 56.2 84.4#
 182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

Instrument :

BNA_F

ClientSampled :

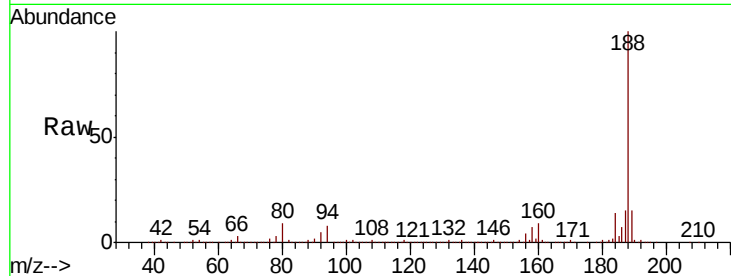
Tot Ion:188 Resp: 789670

Ion Ratio Lower Upper

188 100

94 8.3 9.6 14.4#

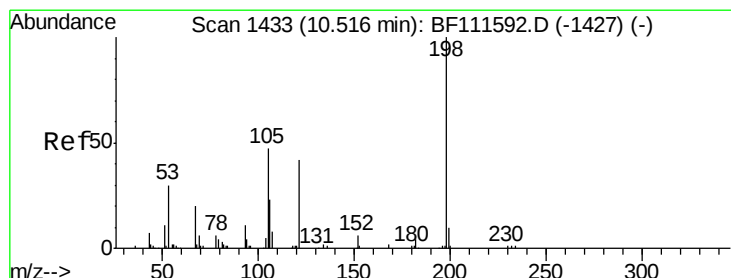
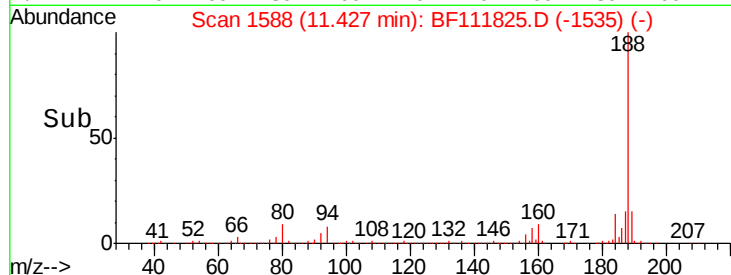
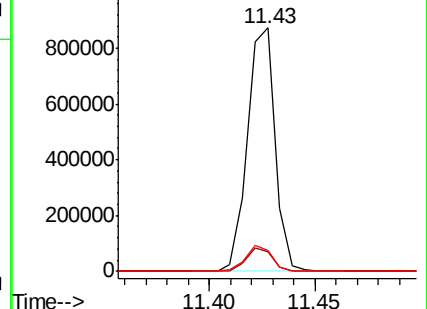
80 8.7 9.8 14.6#



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.961 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.21 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

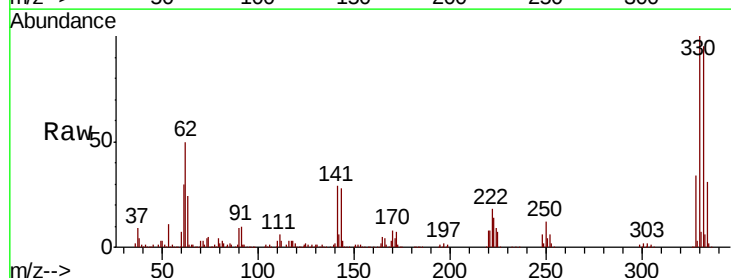
Tgt Ion:198 Resp: 1016

Ion Ratio Lower Upper

198 100

51 212.6 48.0 88.0#

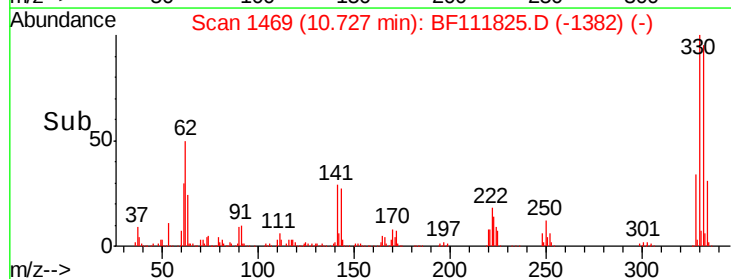
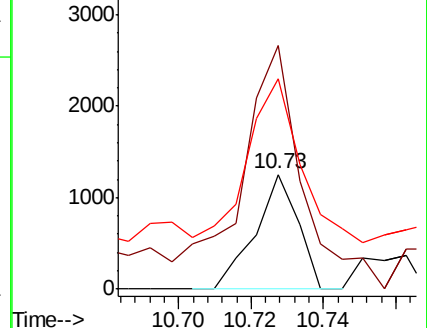
105 183.6 34.0 74.0#

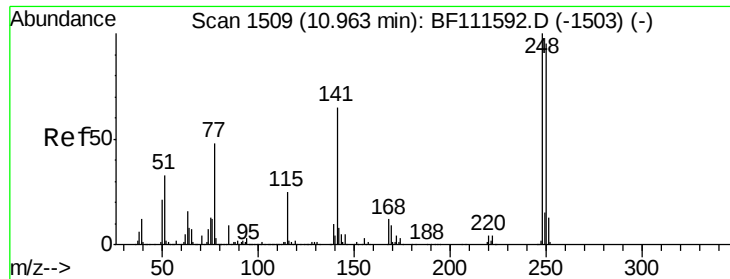


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

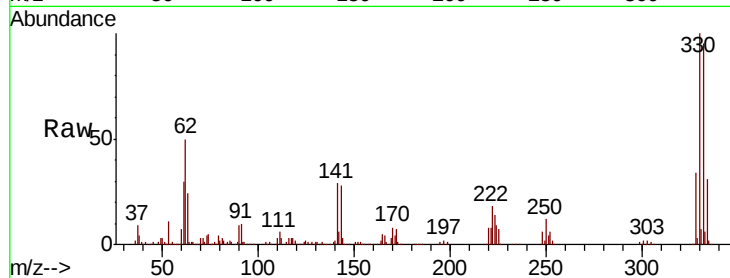




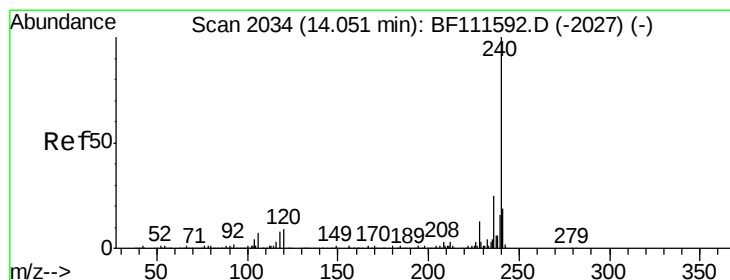
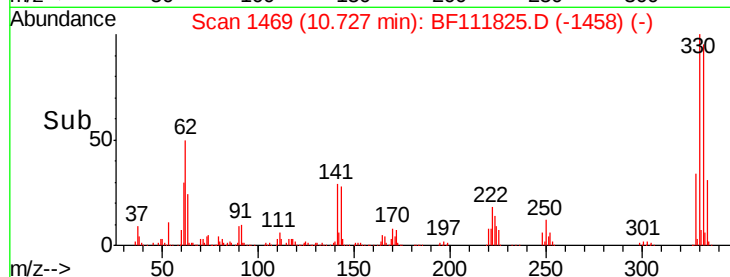
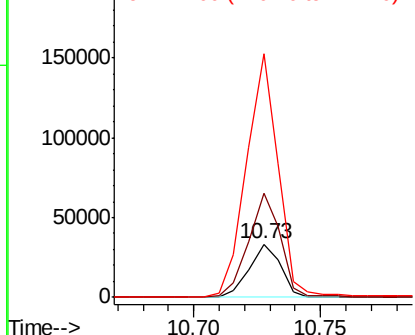
#67
4-Bromophenyl-phenylether
Concen: 2.972 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 29111
Ion Ratio Lower Upper
248 100
250 196.9 77.0 115.4#
141 459.8 63.0 94.6#

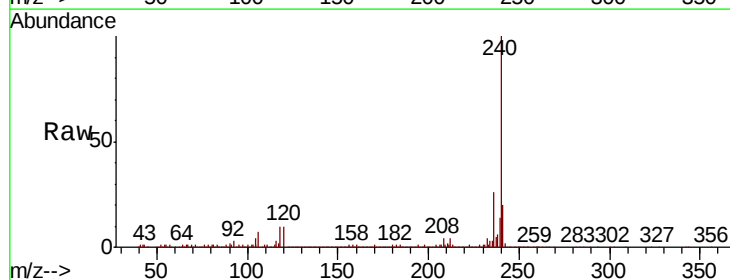


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

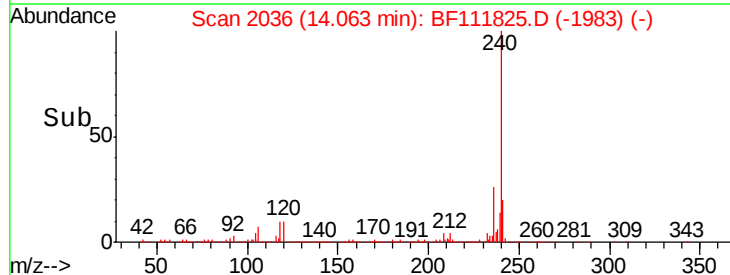
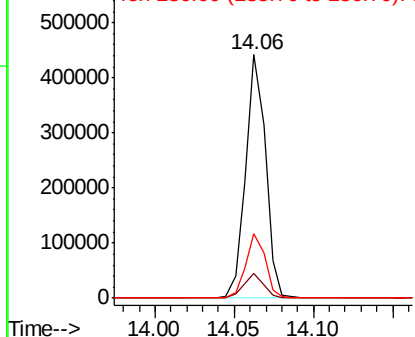


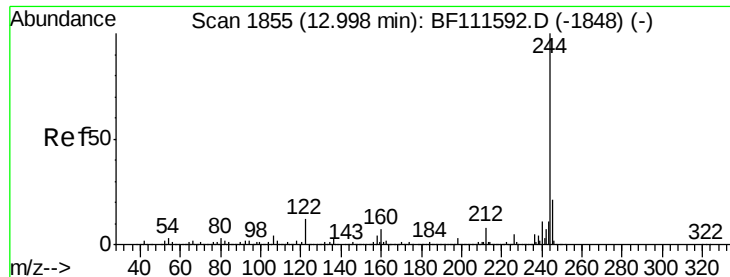
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111825.D
Acq: 3 Jan 2019 17:11

Tgt Ion:240 Resp: 384525
Ion Ratio Lower Upper
240 100
120 10.1 12.2 18.2#
236 26.4 20.2 30.2



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: 52.010 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

Instrument :

BNA_F

ClientSampleId :

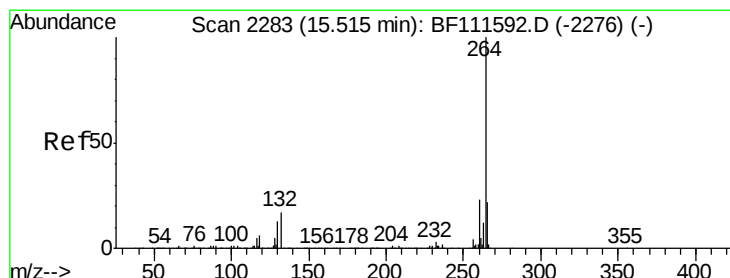
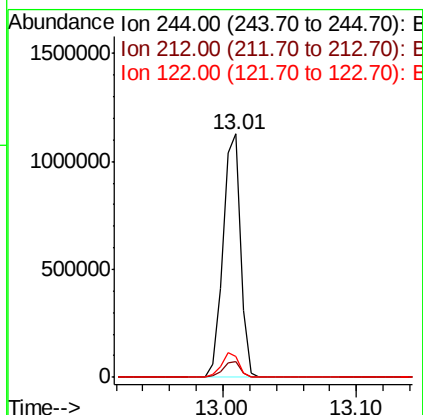
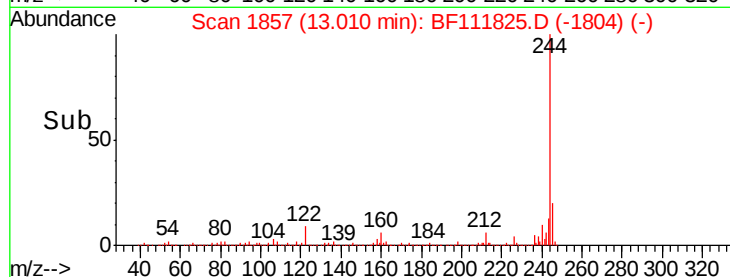
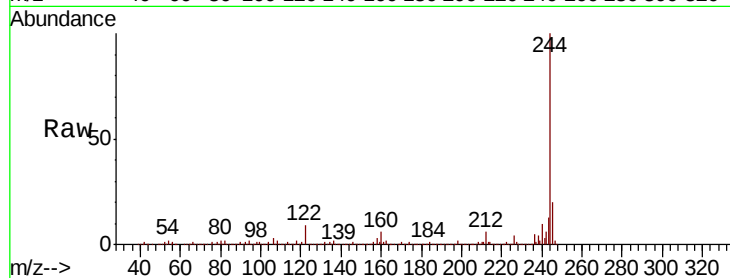
Tot Ion:244 Resp: 1054577

Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 8.8 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111825.D

Acq: 3 Jan 2019 17:11

Tgt Ion:264 Resp: 400925

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.1 17.7 26.5

