

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113925.D
 Acq On : 23 Apr 2019 17:26
 Operator : JU/SJ
 Sample : K2532-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:04:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

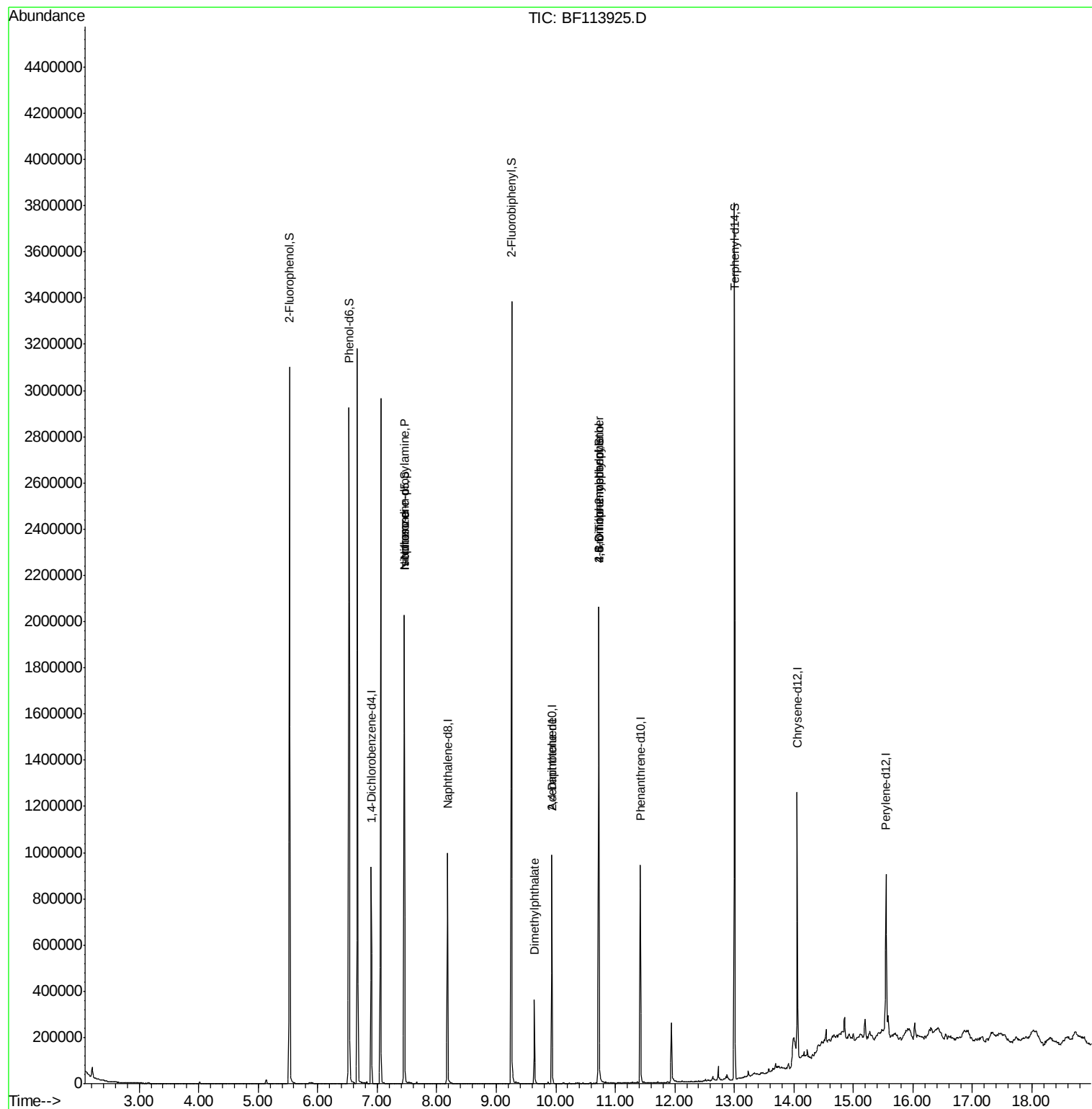
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131911	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	444015	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	194971	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	356996	20.00	ng	0.00
76) Chrysene-d12	14.06	240	383192	20.00	ng	-0.01
87) Perylene-d12	15.55	264	336126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	909864	117.97	ng	0.01
7) Phenol-d6	6.53	99	1149283	118.77	ng	0.00
23) Nitrobenzene-d5	7.46	82	683199	95.00	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	280533	118.11	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1149169	92.18	ng	0.00
79) Terphenyl-d14	13.00	244	1308483	70.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1902	Below Cal	Qvalue	# 3
19) n-Nitroso-di-n-propylamine	7.46	70	89913	14.349 ng	#	78
25) Isophorone	7.46	82	680857	46.271 ng	#	65
50) Dimethylphthalate	9.65	163	165750	11.755 ng	#	98
57) 2,4-Dinitrotoluene	9.93	165	24620	6.448 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	675	7.658 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	17465	4.050 ng	#	1

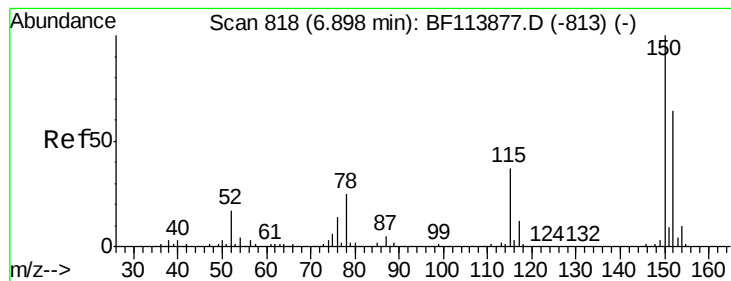
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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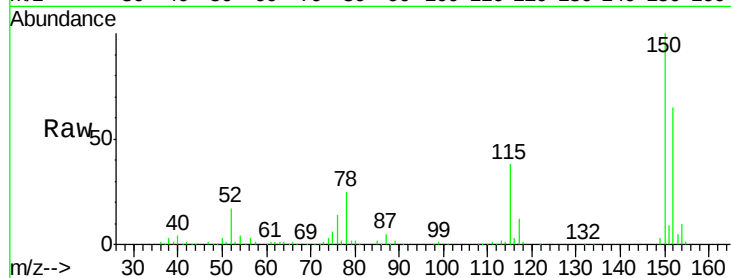




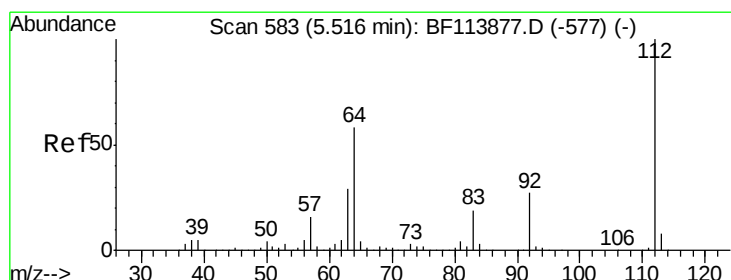
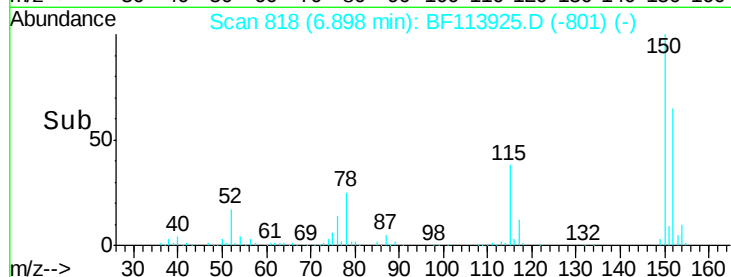
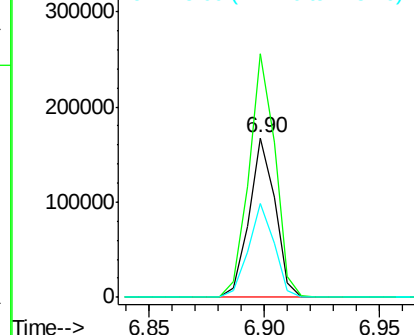
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131911
 Ion Ratio Lower Upper
 152 100
 150 152.8 125.9 188.9
 115 58.6 45.9 68.9

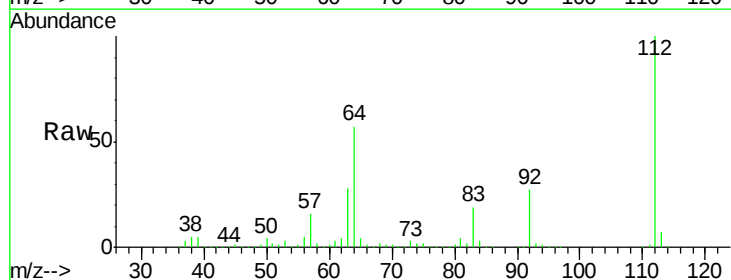


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

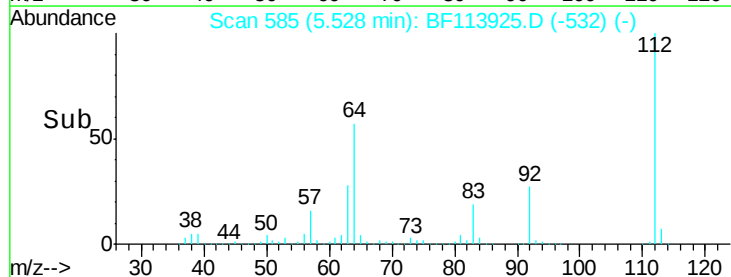
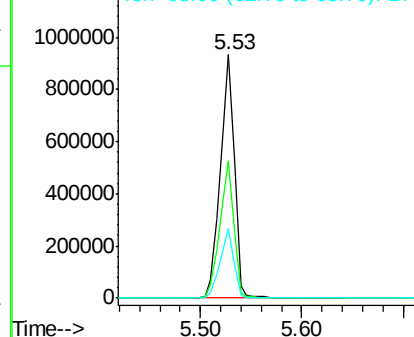


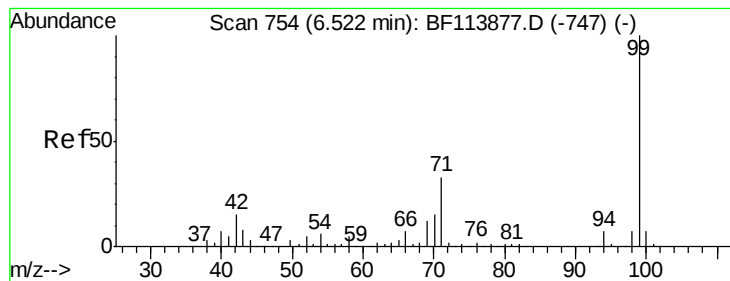
#5
 2-Fluorophenol
 Concen: 117.973 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Tgt Ion:112 Resp: 909864
 Ion Ratio Lower Upper
 112 100
 64 56.6 46.6 69.8
 63 28.4 23.1 34.7



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: 118.774 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampled :

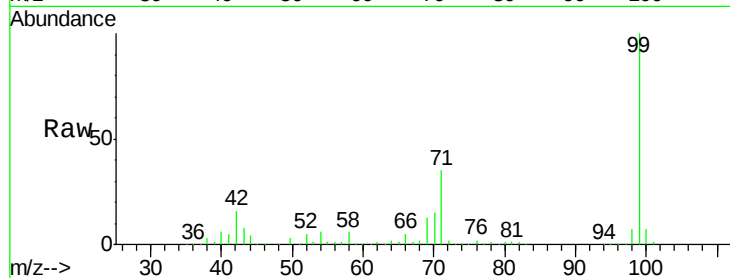
Tot Ion: 99 Resp: 1149283

Ion Ratio Lower Upper

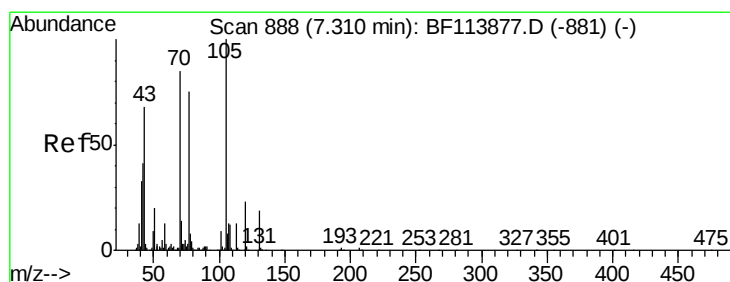
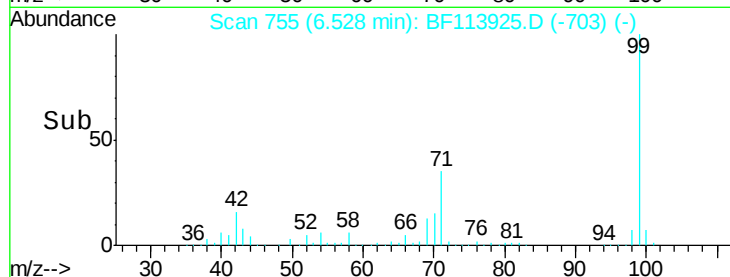
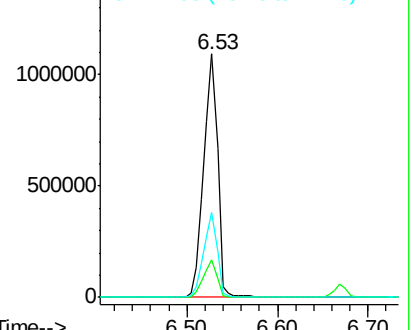
99 100

42 15.6 12.5 18.7

71 34.8 26.9 40.3



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: 14.349 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Tgt Ion: 70 Resp: 89913

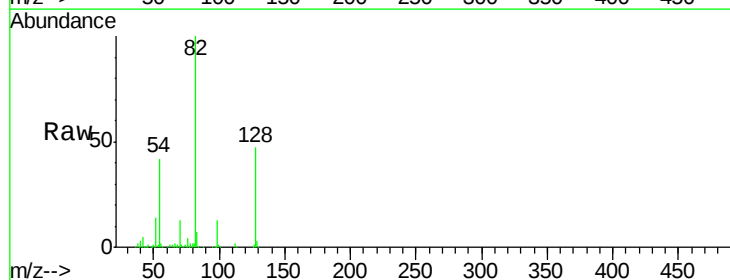
Ion Ratio Lower Upper

70 100

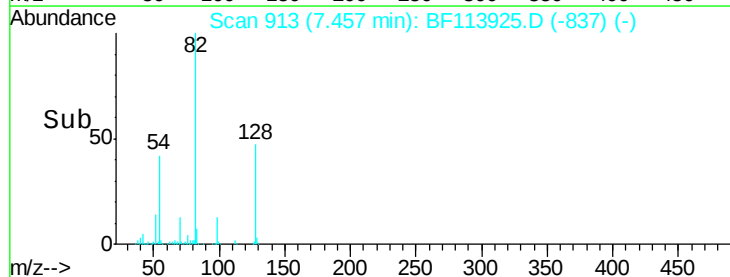
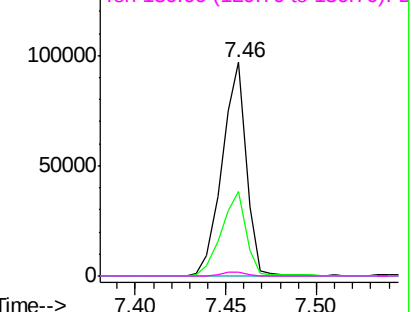
42 39.4 37.3 55.9

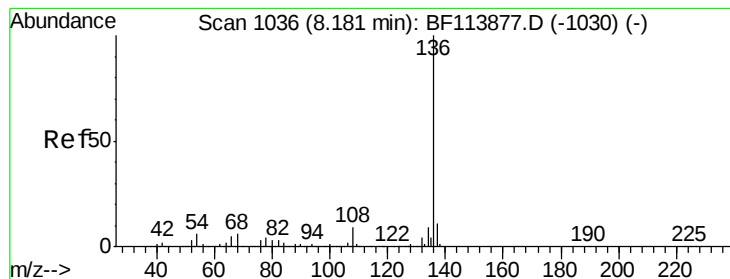
101 0.0 7.8 11.8#

130 2.0 18.2 27.2#



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: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444015

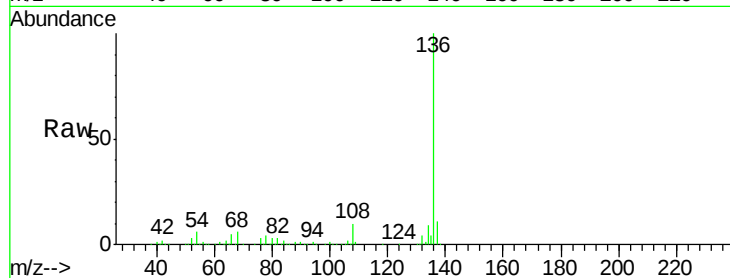
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.2 5.0 7.6

68 6.1 4.9 7.3

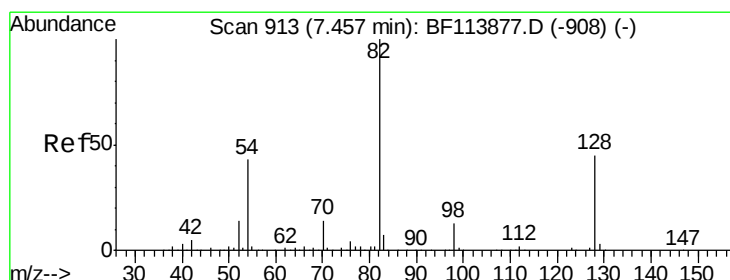
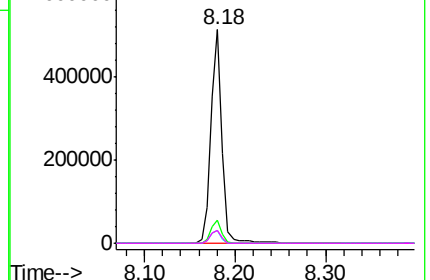
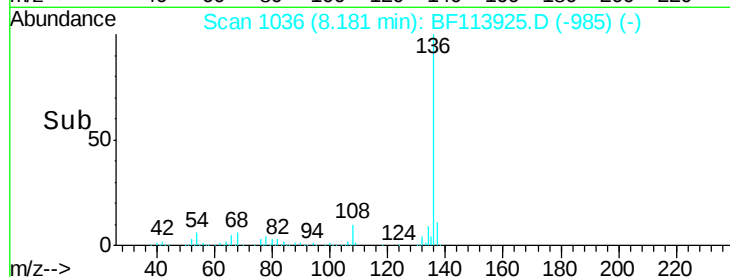


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.004 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

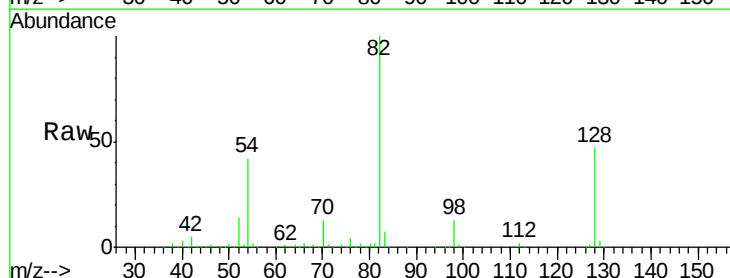
Tgt Ion: 82 Resp: 683199

Ion Ratio Lower Upper

82 100

128 46.6 36.8 55.2

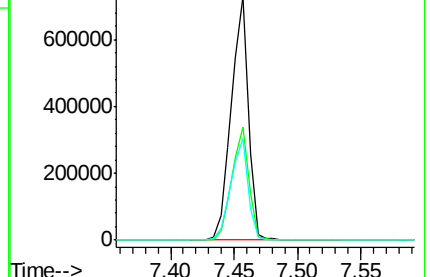
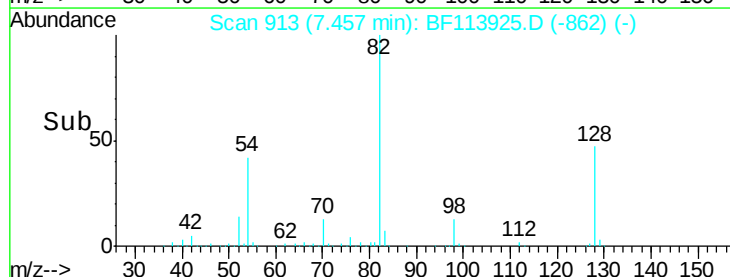
54 41.9 33.8 50.6



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: 46.271 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampled :

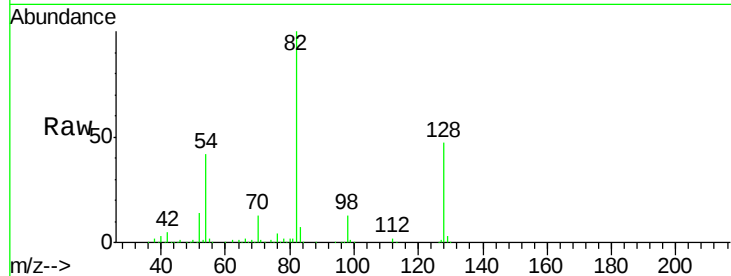
Tot Ion: 82 Resp: 680857

Ion Ratio Lower Upper

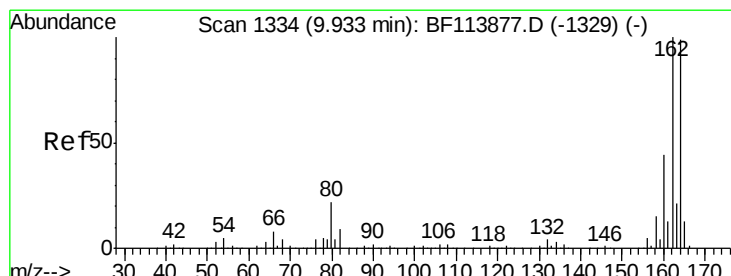
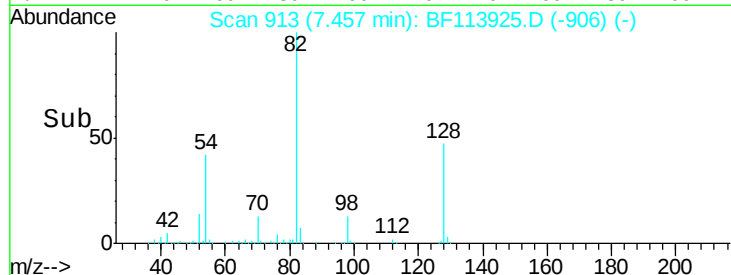
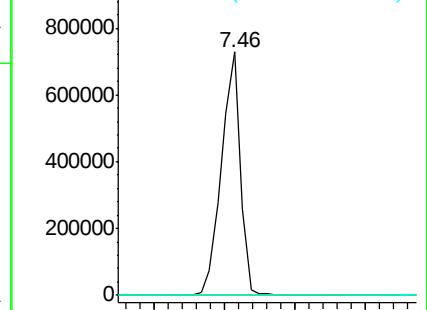
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



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: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

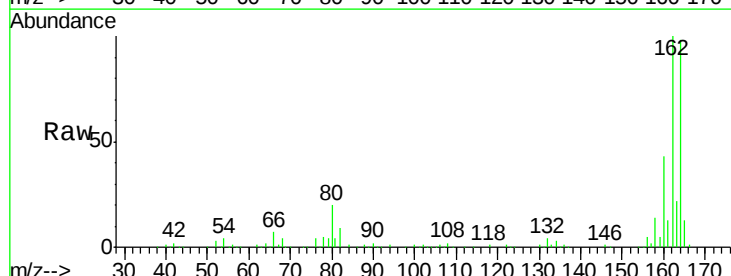
Tgt Ion:164 Resp: 194971

Ion Ratio Lower Upper

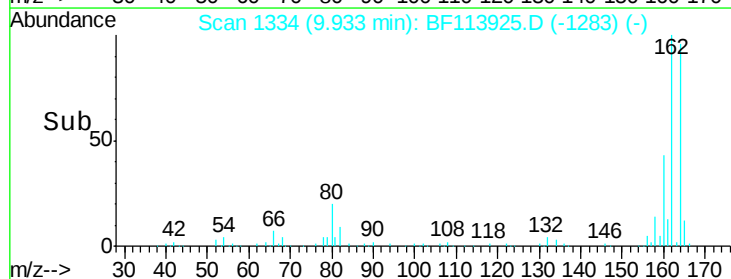
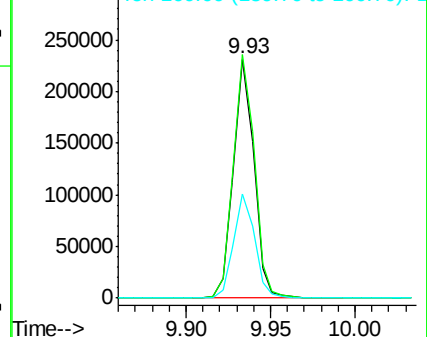
164 100

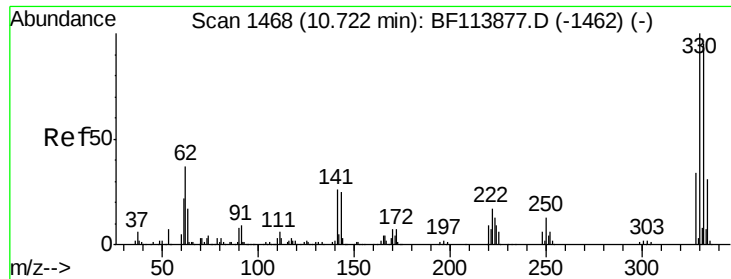
162 102.0 81.1 121.7

160 43.6 35.8 53.6



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

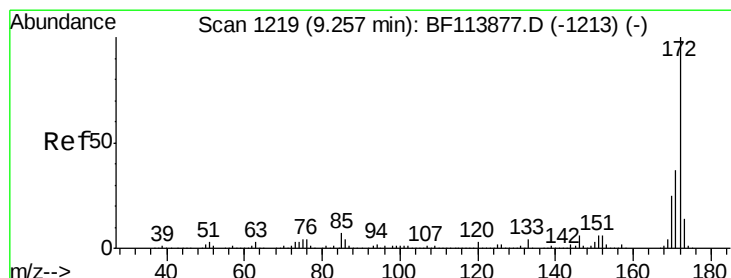
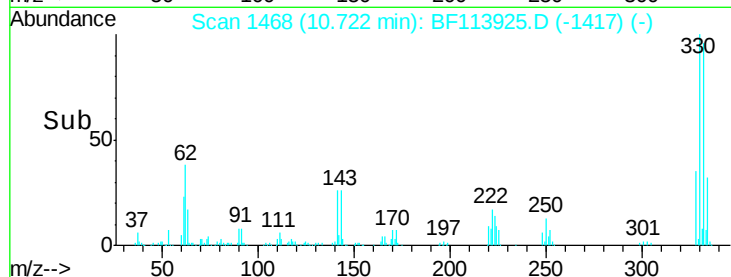
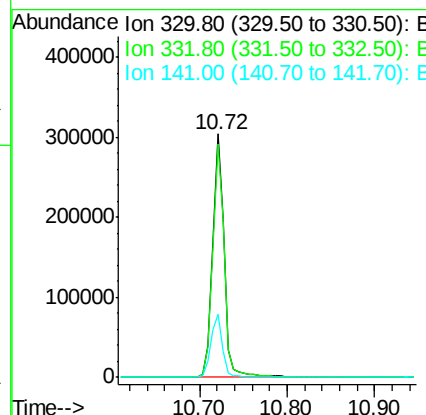
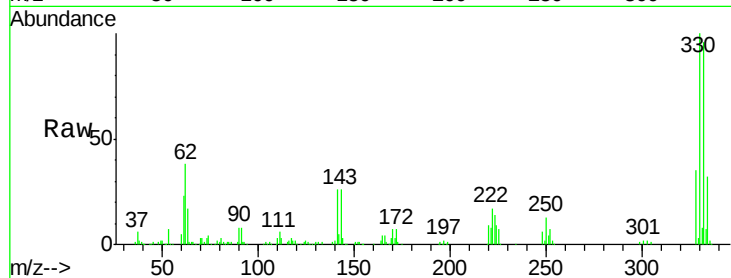




#42
 2,4,6-Tribromophenol
 Concen: 118.112 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

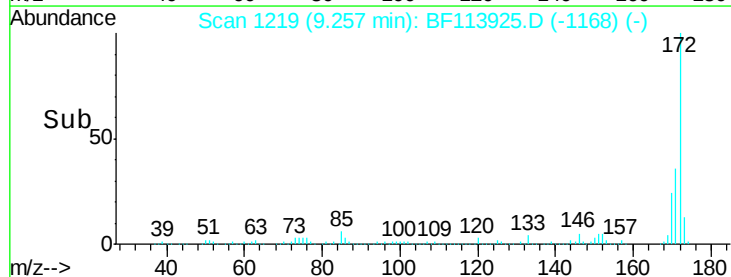
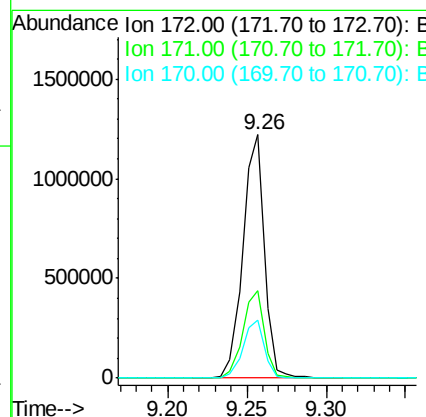
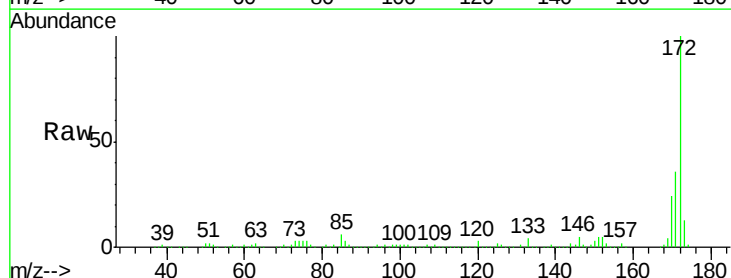
Instrument :
 BNA_F
 ClientSampleId :

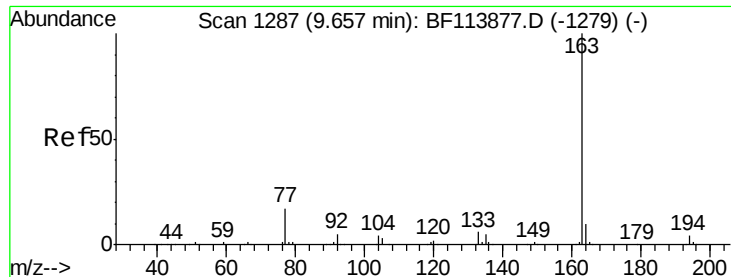
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	26.1	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 92.184 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	23.7	19.9	29.9

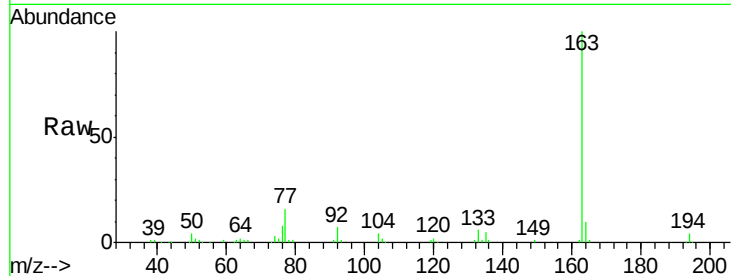




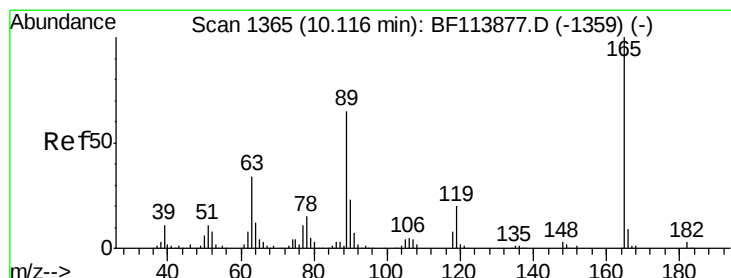
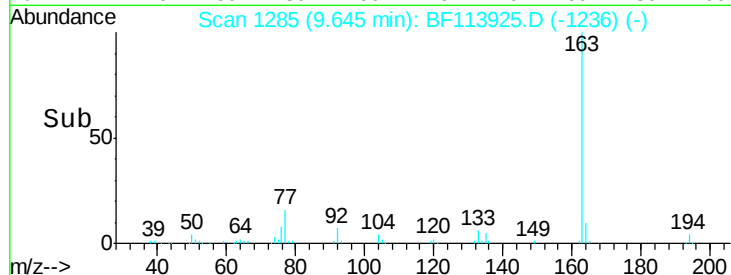
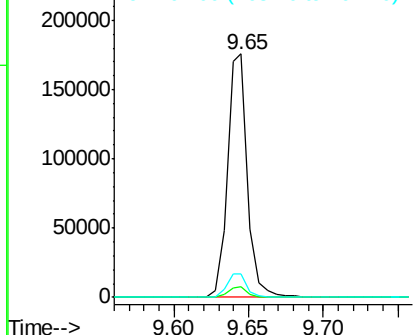
#50
Dimethylphthalate
Concen: 11.755 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113925.D
Acq: 23 Apr 2019 17:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 165750
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 9.7 8.5 12.7

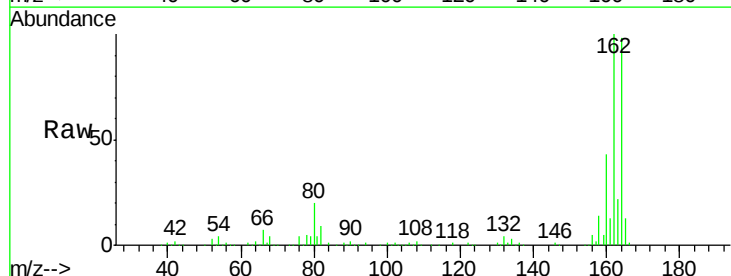


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

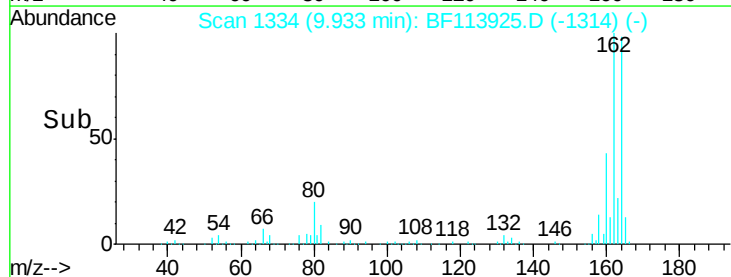
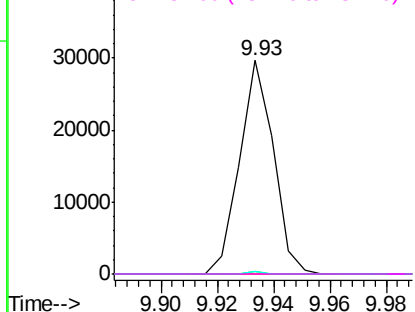


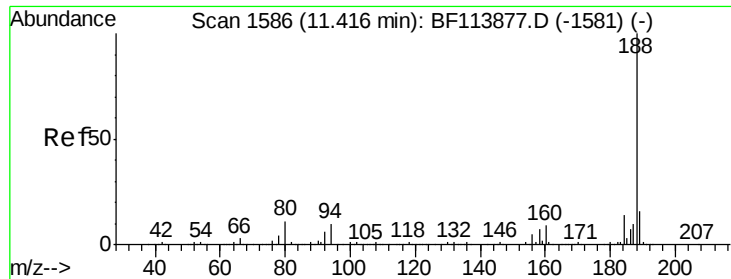
#57
2,4-Dinitrotoluene
Concen: 6.448 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113925.D
Acq: 23 Apr 2019 17:26

Tgt Ion:165 Resp: 24620
Ion Ratio Lower Upper
165 100
63 1.4 27.4 41.0#
89 1.1 51.8 77.6#
182 0.0 2.2 3.2#



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: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampled :

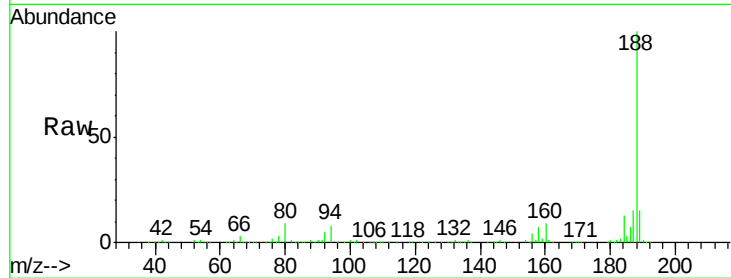
Tot Ion:188 Resp: 356996

Ion Ratio Lower Upper

188 100

94 8.4 8.2 12.4

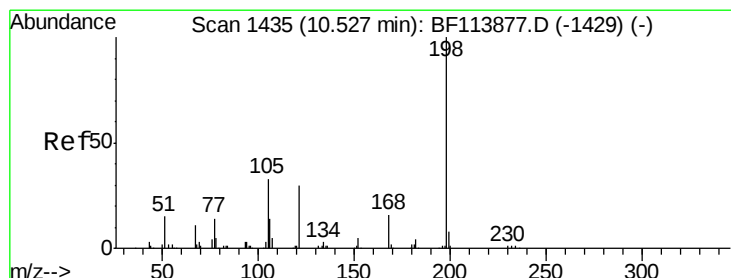
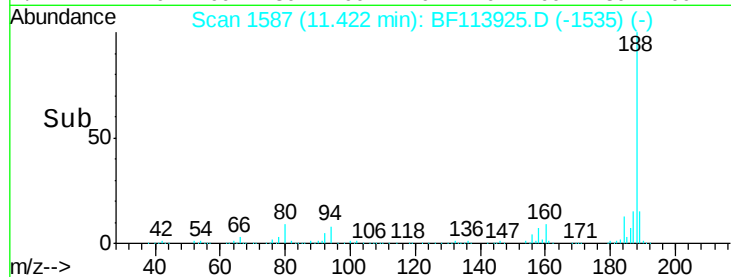
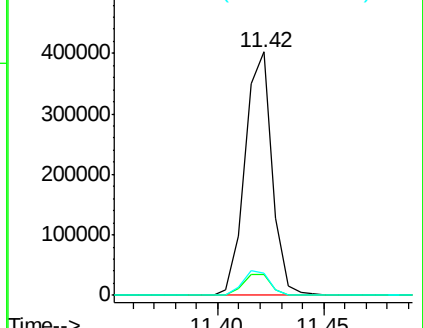
80 9.1 9.0 13.6



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: 7.658 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

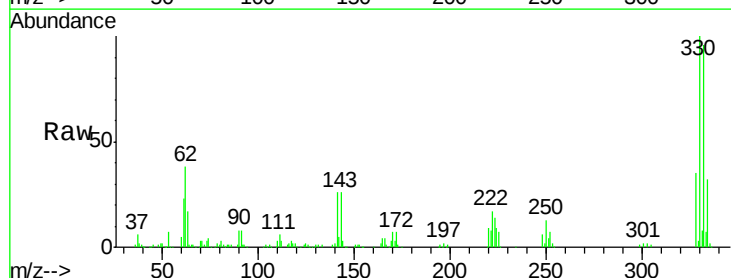
Tgt Ion:198 Resp: 675

Ion Ratio Lower Upper

198 100

51 107.0 11.1 51.1#

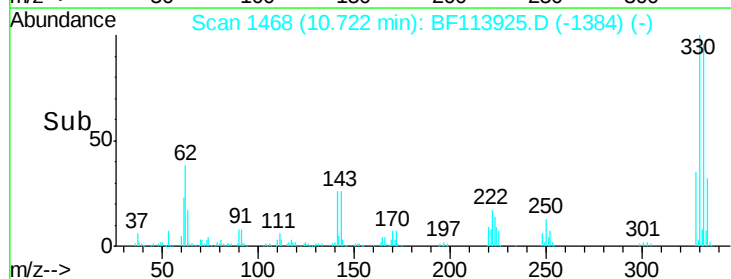
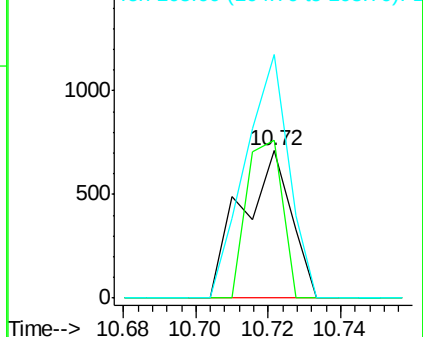
105 165.3 20.7 60.7#

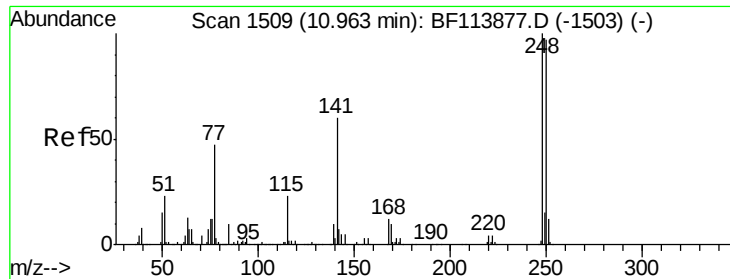


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

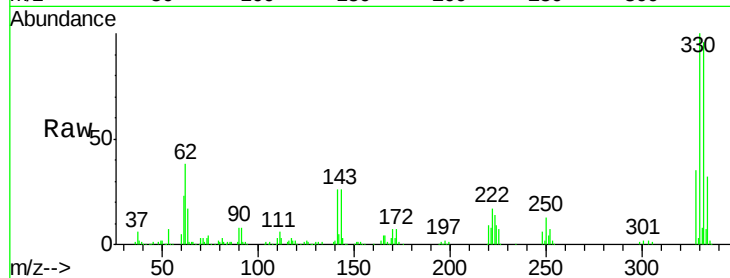




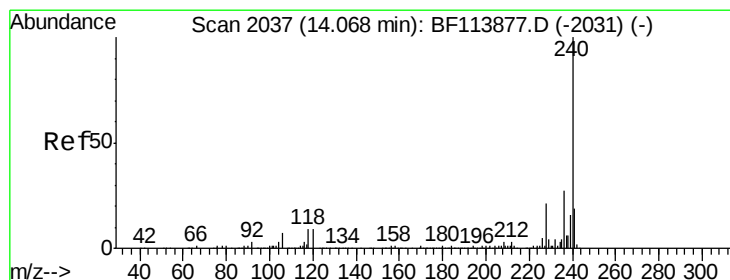
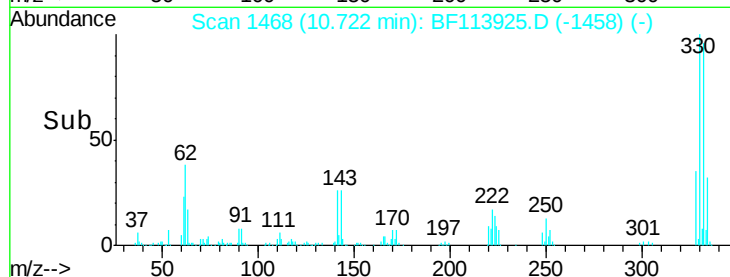
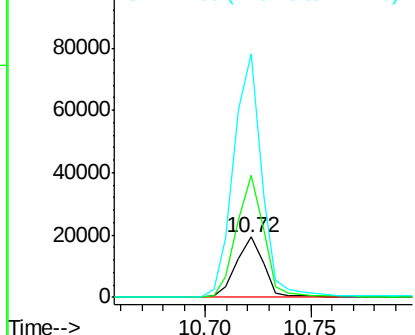
#67
 4-Bromophenyl-phenylether
 Concen: 4.050 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.24 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17465
 Ion Ratio Lower Upper
 248 100
 250 203.7 75.8 113.6#
 141 405.1 50.2 75.4#

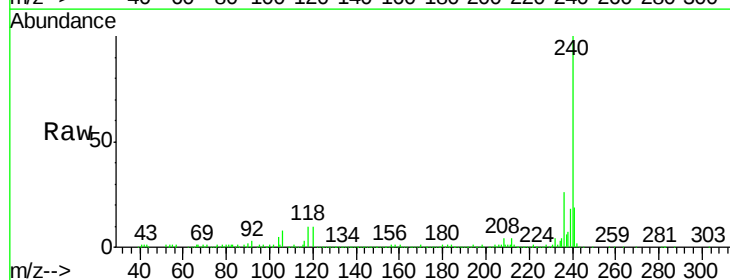


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

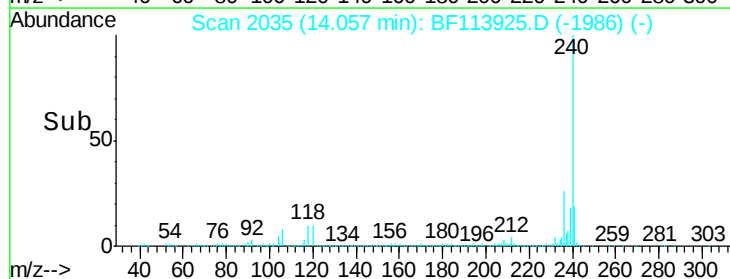
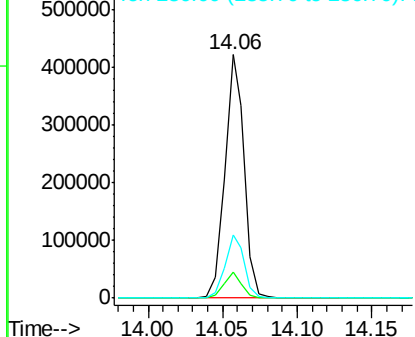


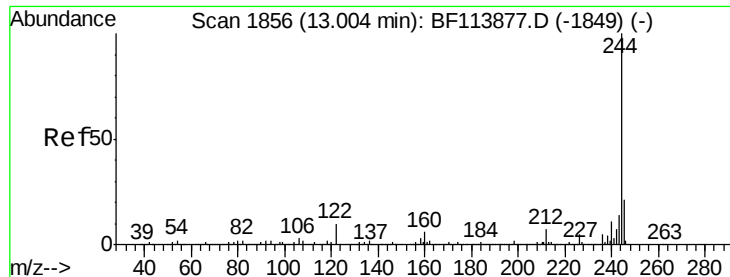
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113925.D
 Acq: 23 Apr 2019 17:26

Tgt Ion:240 Resp: 383192
 Ion Ratio Lower Upper
 240 100
 120 10.4 9.3 13.9
 236 25.7 21.2 31.8



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: 70.006 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

Instrument :

BNA_F

ClientSampleId :

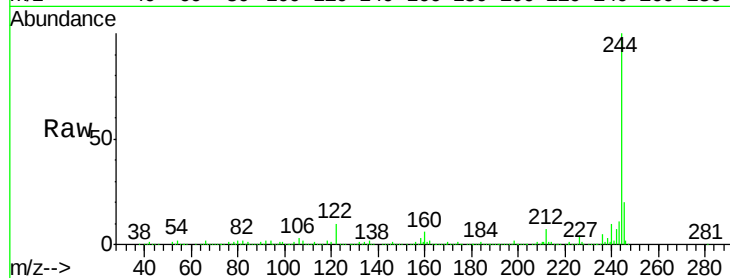
Tot Ion:244 Resp: 1308483

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

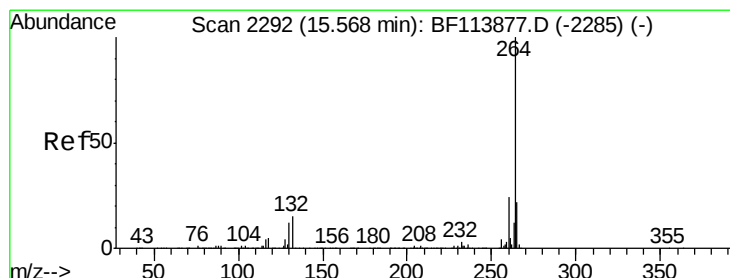
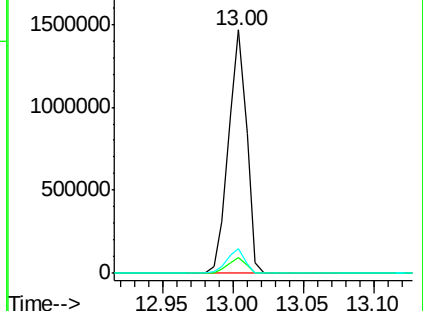
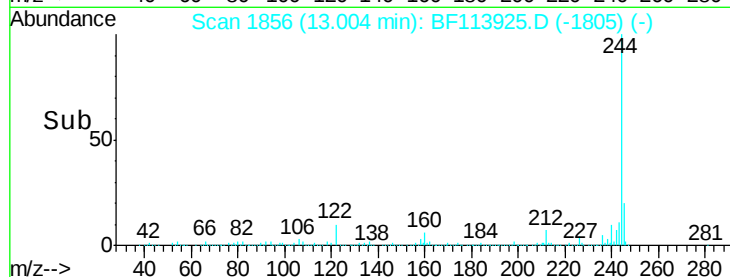
122 9.9 7.6 11.4



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: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF113925.D

Acq: 23 Apr 2019 17:26

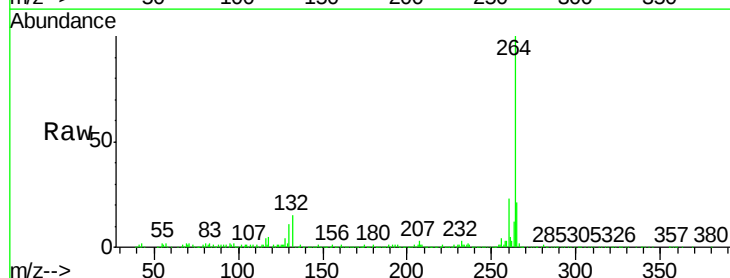
Tgt Ion:264 Resp: 336126

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.5 17.3 25.9



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

