

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113953.D
 Acq On : 24 Apr 2019 11:39
 Operator : JU/SJ
 Sample : K2515-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 14:04:17 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

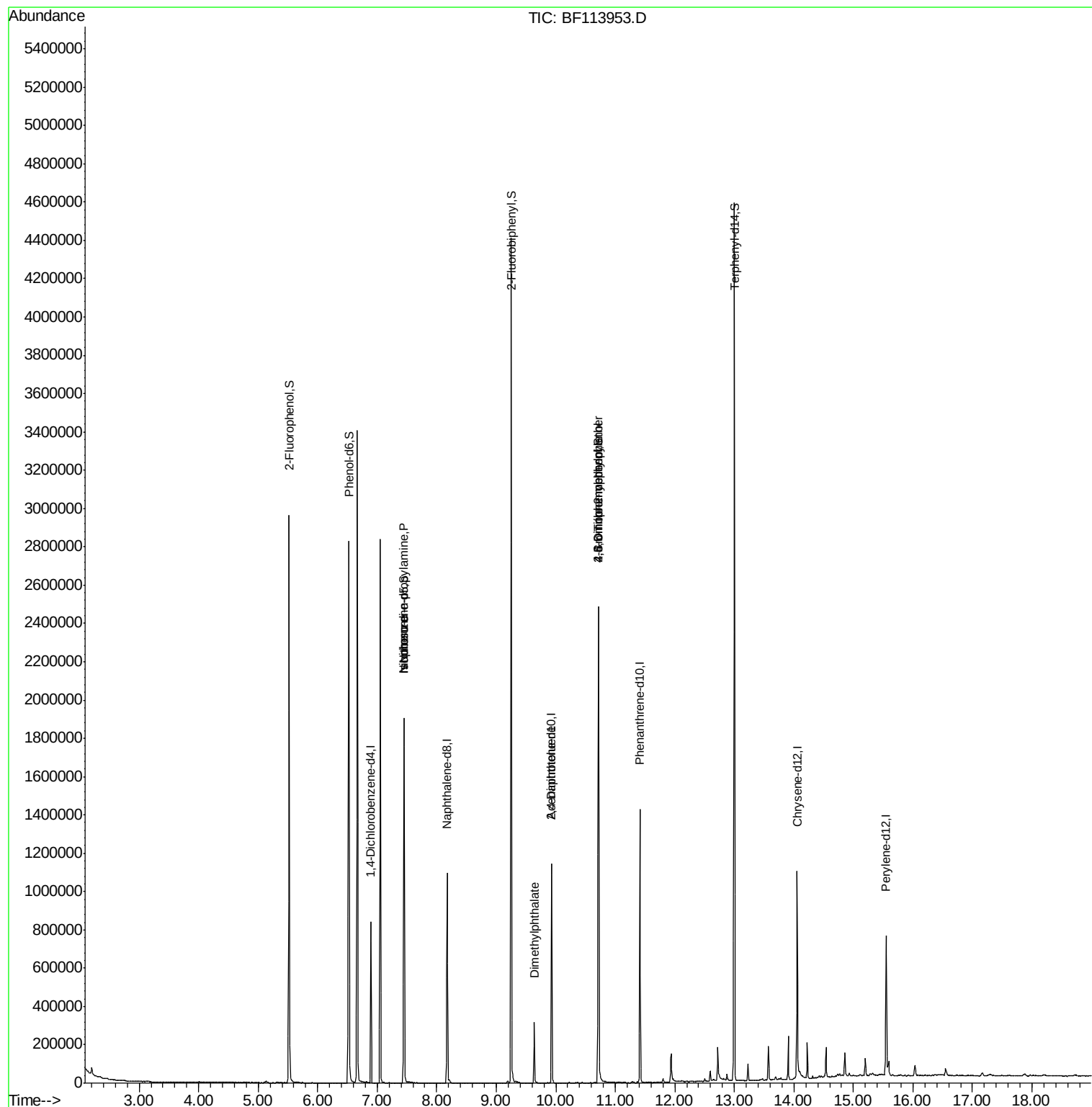
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128193	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	476011	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	249732	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	498173	20.00	ng	0.00
76) Chrysene-d12	14.06	240	365257	20.00	ng	-0.01
87) Perylene-d12	15.55	264	373748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	926623	123.63	ng	0.00
7) Phenol-d6	6.53	99	1207351	128.39	ng	0.00
23) Nitrobenzene-d5	7.45	82	740311	96.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	359102	118.04	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1487092	93.13	ng	0.00
79) Terphenyl-d14	13.00	244	1759069	98.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	99947	16.413	ng	# 78
25) Isophorone	7.45	82	740305	46.930	ng	# 65
50) Dimethylphthalate	9.64	163	130106	7.204	ng	# 99
57) 2,4-Dinitrotoluene	9.93	165	32145	6.573	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	588	7.526	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	22629	3.760	ng	# 1

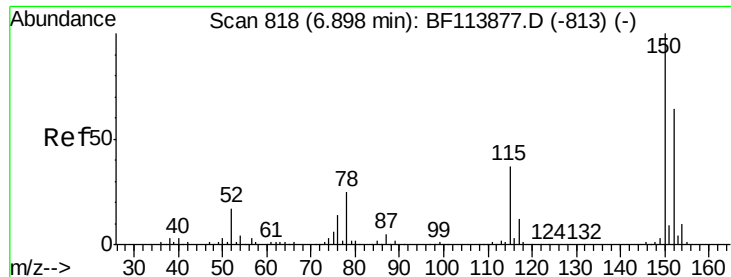
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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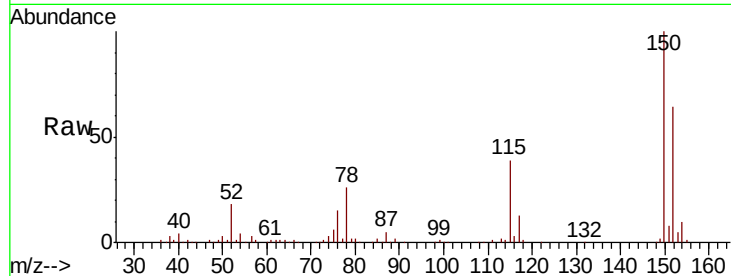


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF113953.D
Acq: 24 Apr 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.9	188.9
115	61.2	45.9	68.9

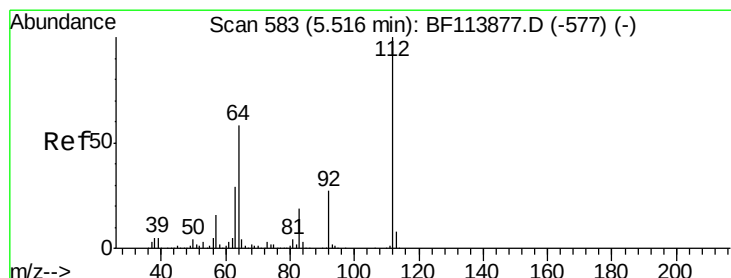
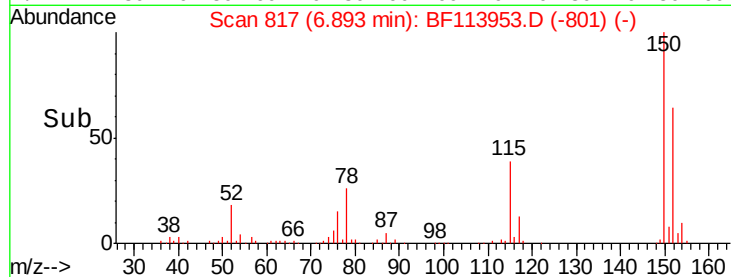
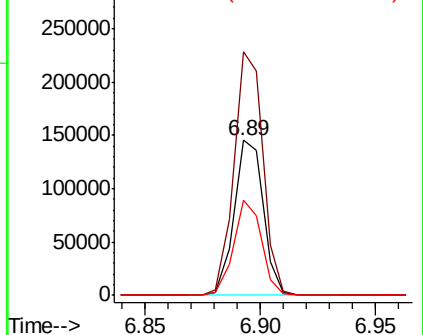


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

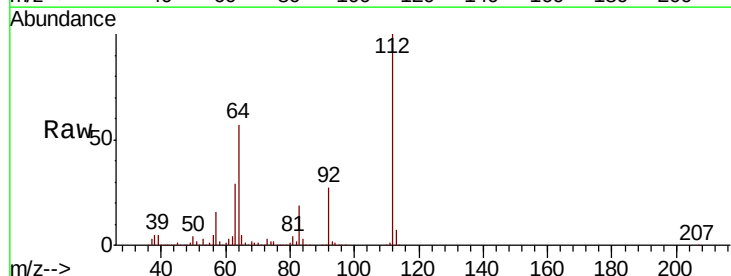
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.630 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF113953.D
Acq: 24 Apr 2019 11:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.6	69.8
63	28.5	23.1	34.7

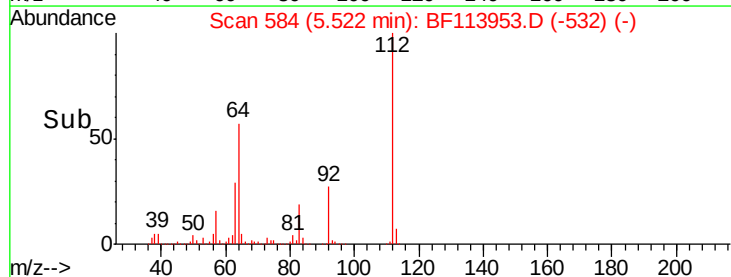
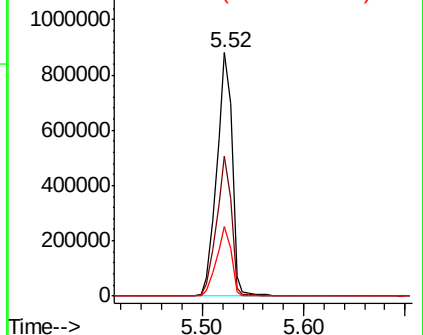


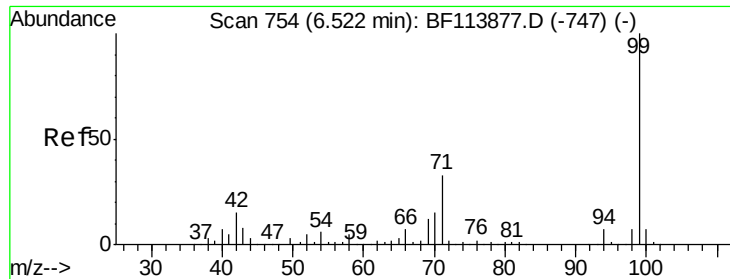
Abundance

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: 128.394 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA_F

ClientSampleId :

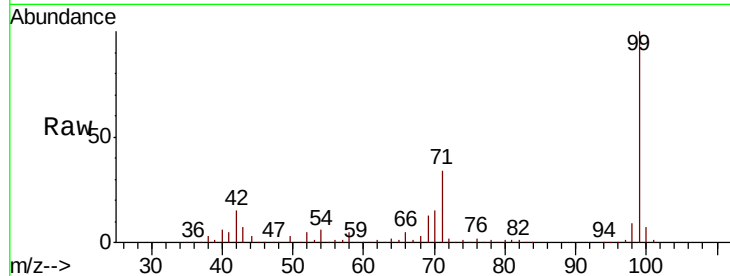
Tot Ion: 99 Resp: 1207351

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

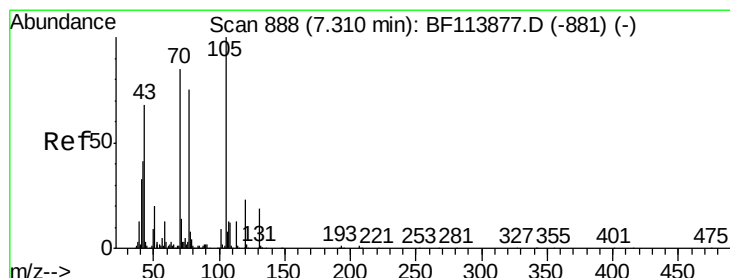
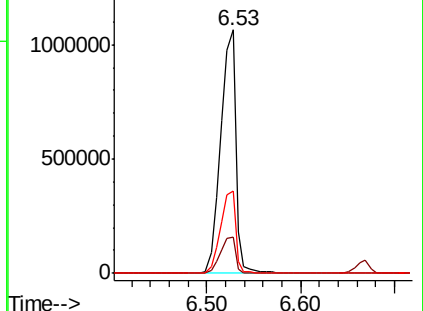
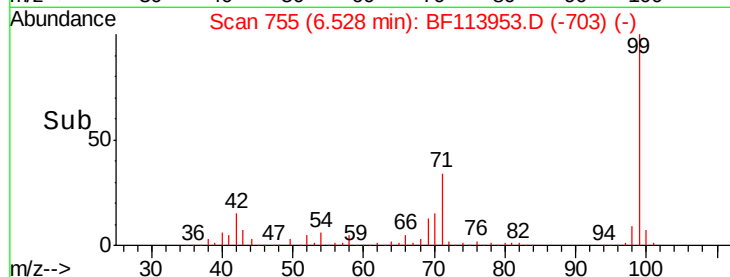
71 33.9 26.9 40.3



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: 16.413 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Tgt Ion: 70 Resp: 99947

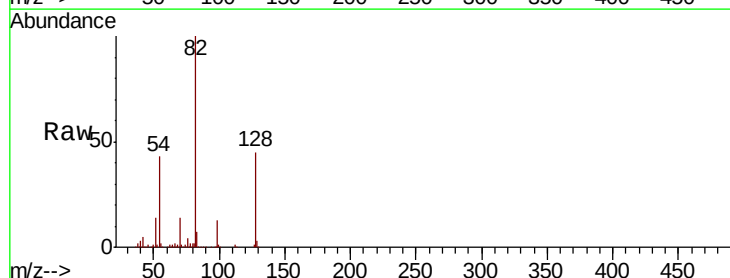
Ion Ratio Lower Upper

70 100

42 39.5 37.3 55.9

101 0.0 7.8 11.8#

130 2.2 18.2 27.2#

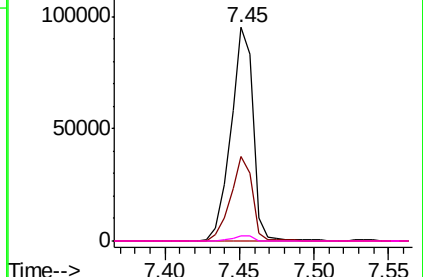
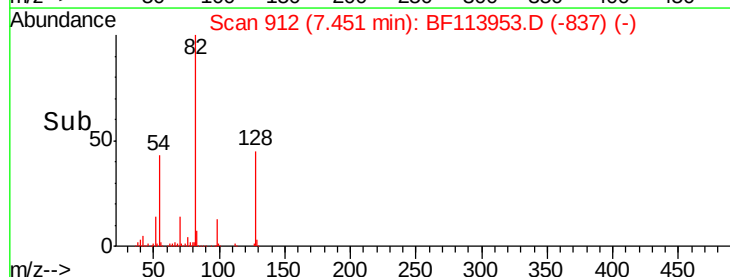


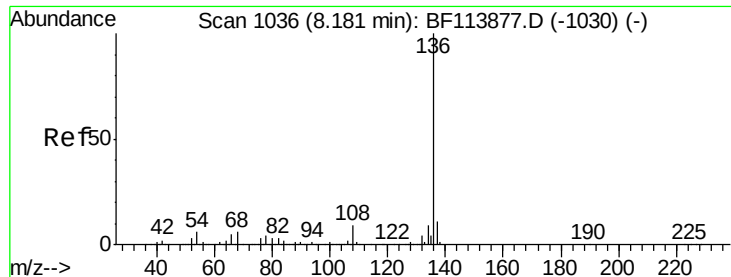
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

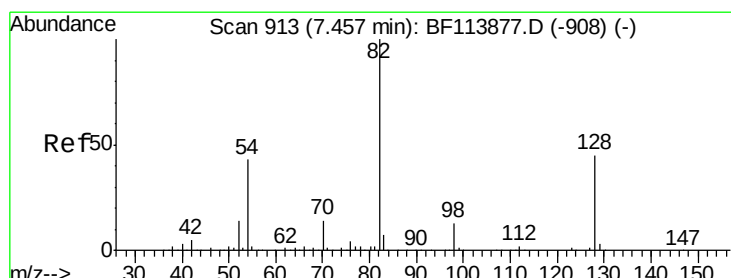
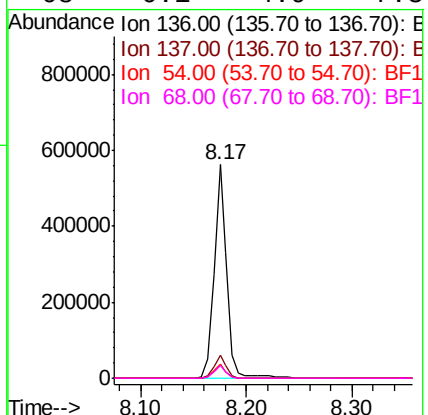
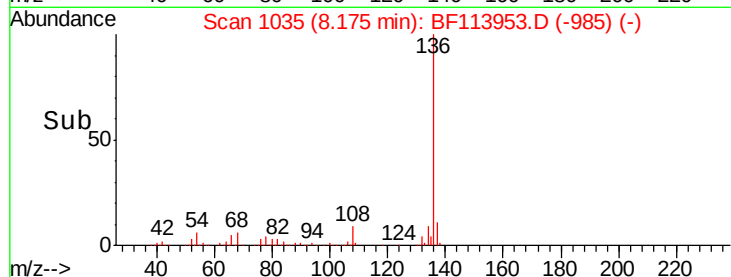
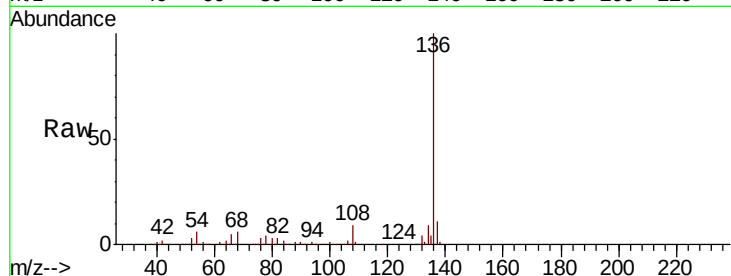




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113953.D
Acq: 24 Apr 2019 11:39

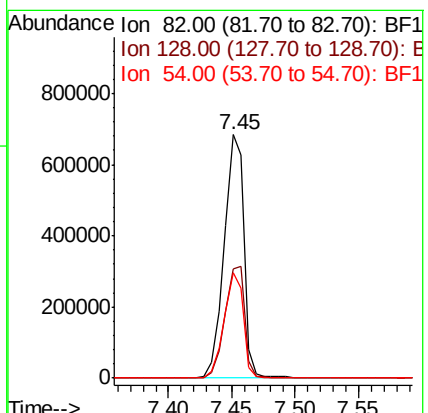
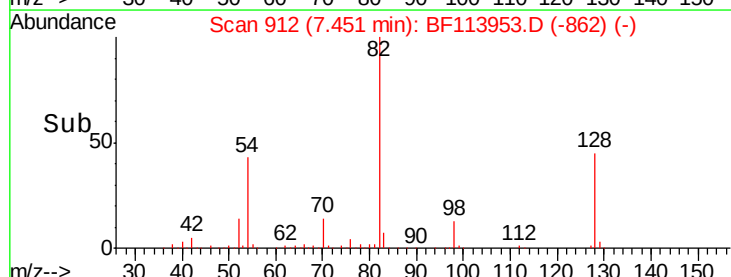
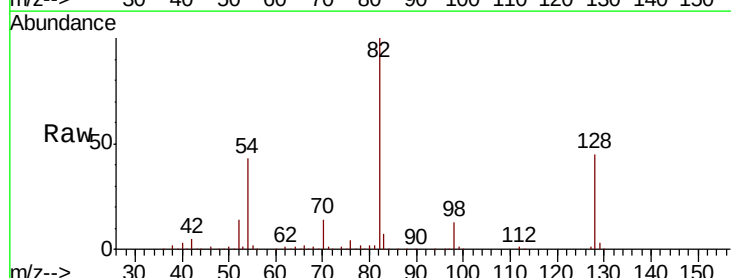
Instrument :
BNA_F
ClientSampleId :

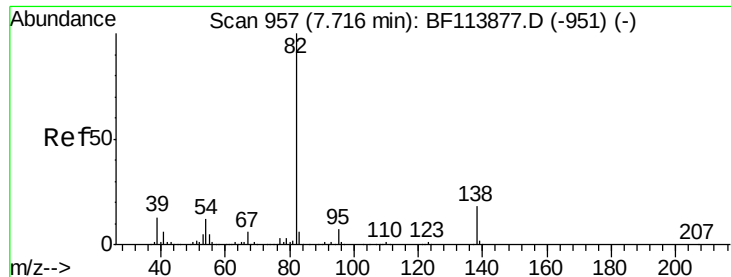
Tot Ion:136	Resp:	476011
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 12.8
54	6.3	5.0 7.6
68	6.1	4.9 7.3



#23
Nitrobenzene-d5
Concen: 96.027 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113953.D
Acq: 24 Apr 2019 11:39

Tgt Ion: 82	Resp:	740311
Ion	Ratio	Lower Upper
82	100	
128	45.1	36.8 55.2
54	43.3	33.8 50.6





#25

Isophorone

Concen: 46.930 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA_F

ClientSampled :

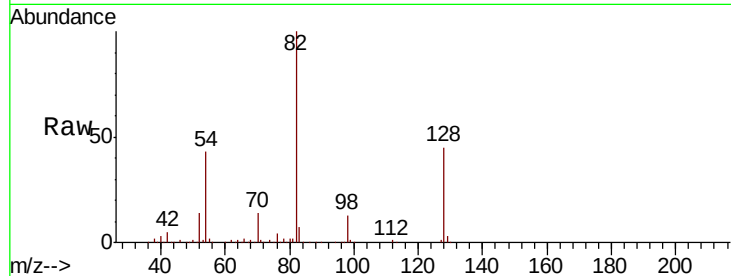
Tot Ion: 82 Resp: 740305

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

800000

600000

400000

200000

0

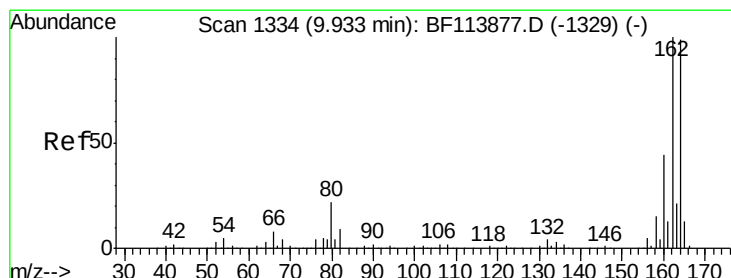
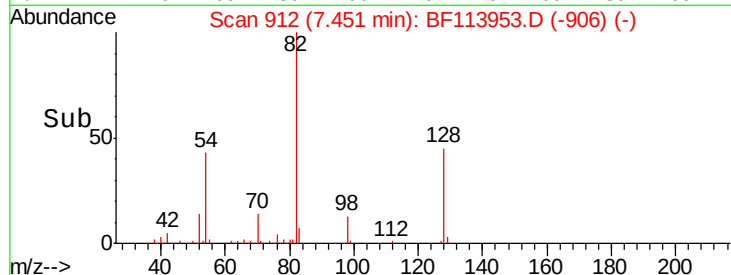
7.45

7.40

7.50

7.55

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

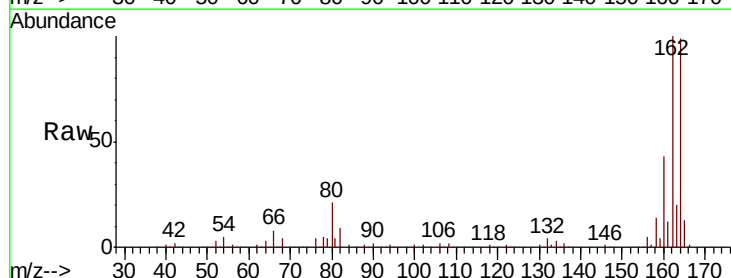
Tgt Ion:164 Resp: 249732

Ion Ratio Lower Upper

164 100

162 100.9 81.1 121.7

160 43.1 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

300000

200000

100000

0

9.93

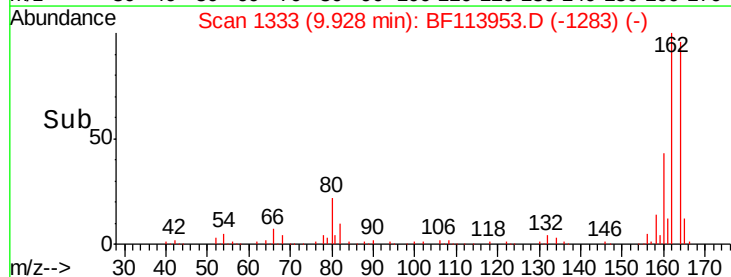
9.85

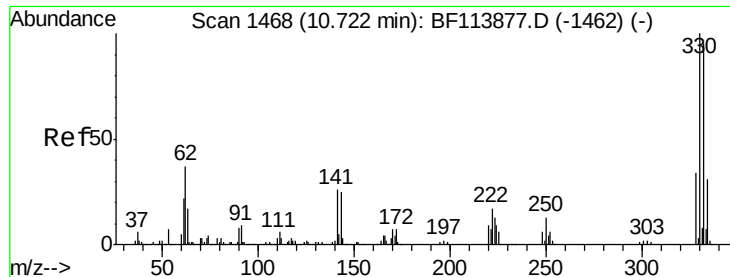
9.90

9.95

10.00

Time-->

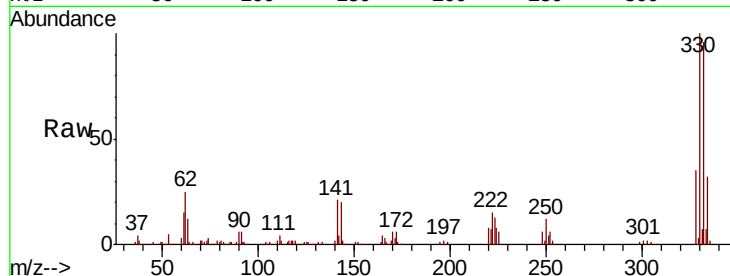




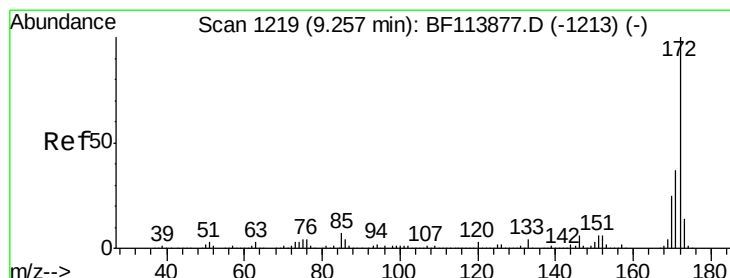
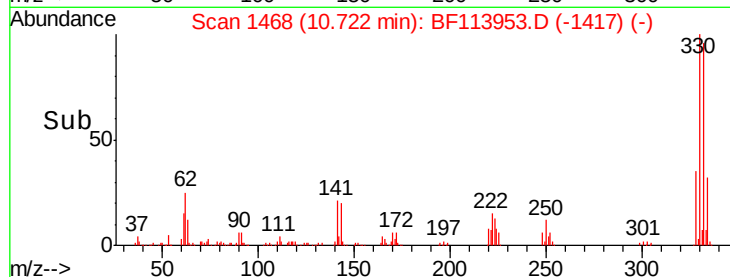
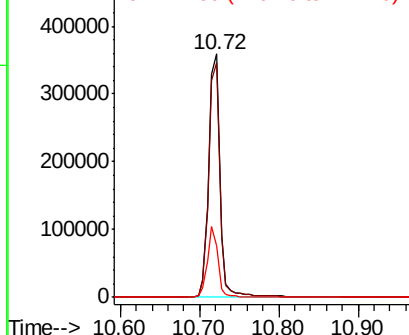
#42
 2,4,6-Tribromophenol
 Concen: 118.038 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113953.D
 Acq: 24 Apr 2019 11:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 359102
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.5 116.3
 141 27.3 22.2 33.2

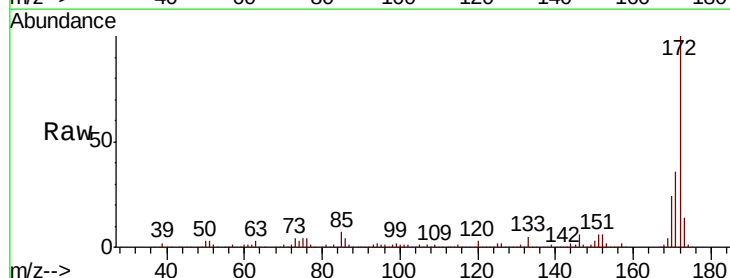


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

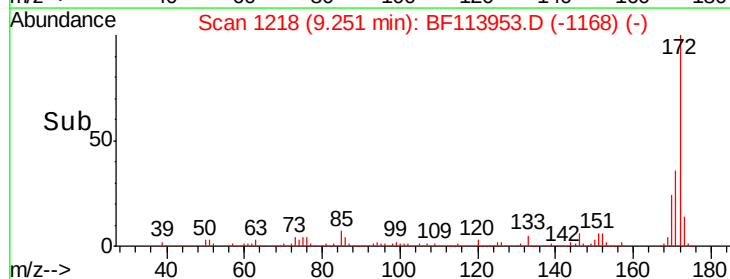
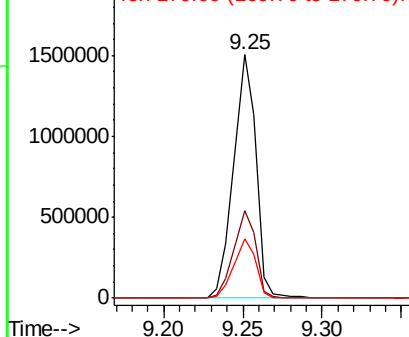


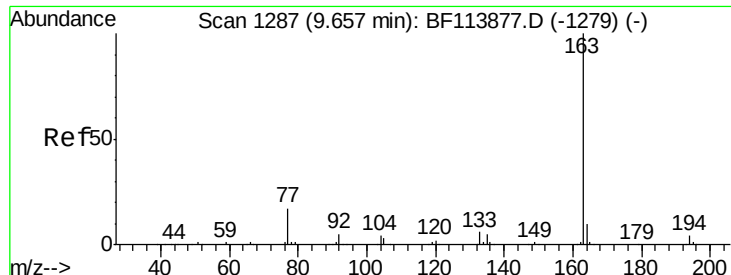
#45
 2-Fluorobiphenyl
 Concen: 93.134 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113953.D
 Acq: 24 Apr 2019 11:39

Tgt Ion:172 Resp: 1487092
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.4 19.9 29.9



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: 7.204 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA_F

ClientSampleId :

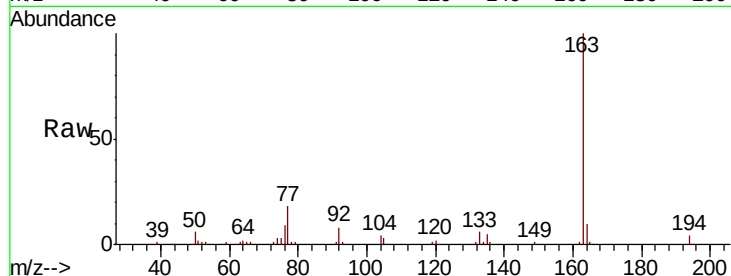
Tot Ion:163 Resp: 130106

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

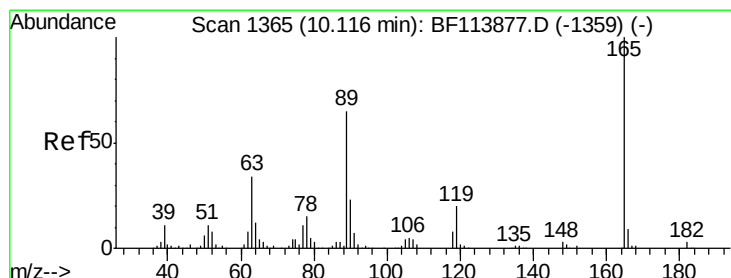
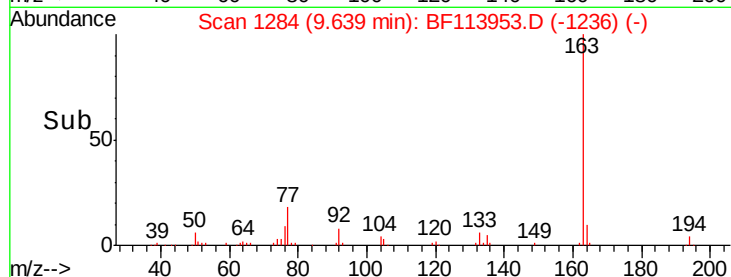
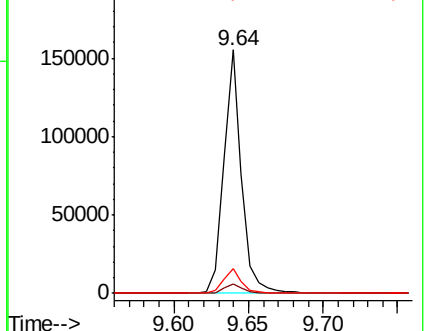
164 10.0 8.5 12.7



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: 6.573 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Tgt Ion:165 Resp: 32145

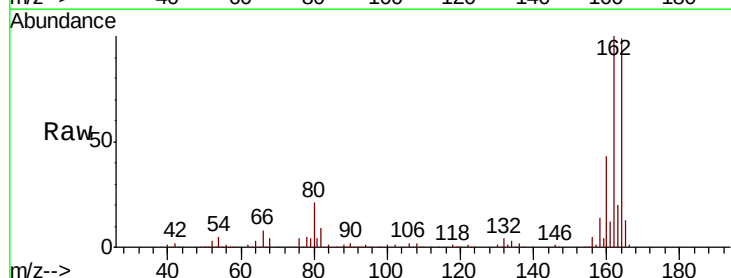
Ion Ratio Lower Upper

165 100

63 0.9 27.4 41.0#

89 1.2 51.8 77.6#

182 0.0 2.2 3.2#

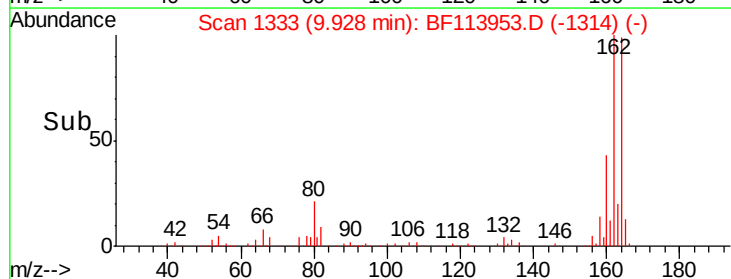
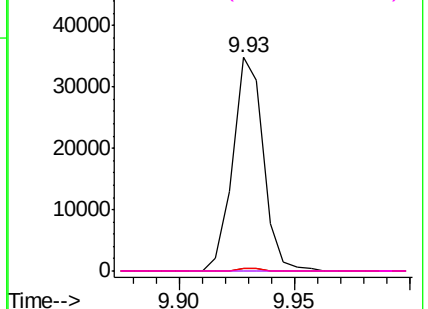


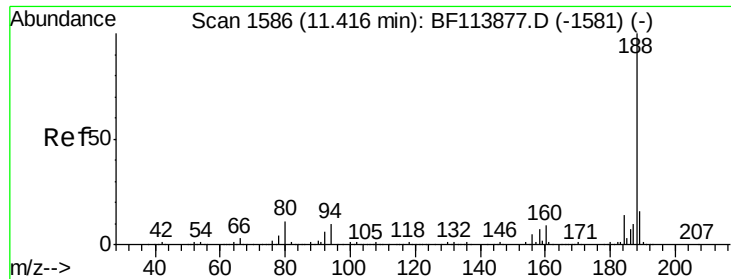
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1586

Delta R.T. 0.00 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Instrument :

BNA_F

ClientSampleId :

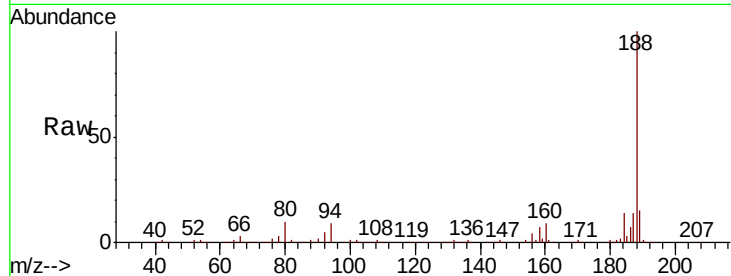
Tot Ion:188 Resp: 498173

Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.4

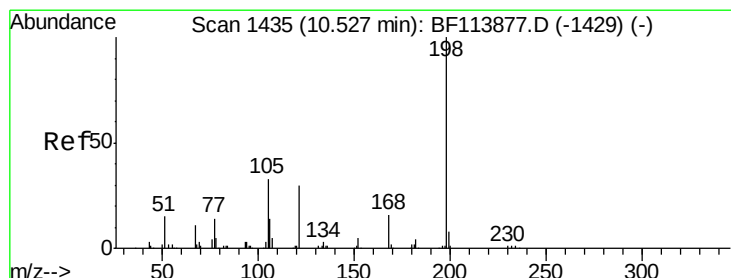
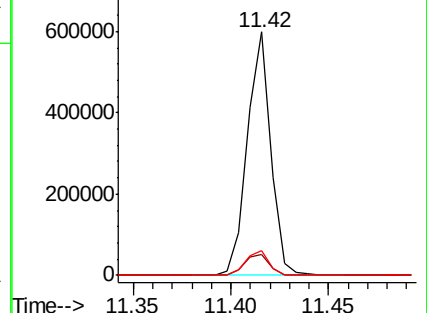
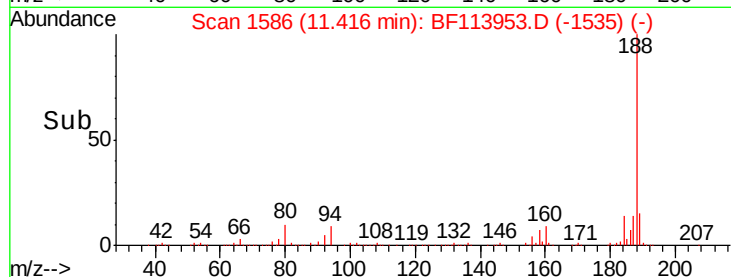
80 10.1 9.0 13.6



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: 7.526 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

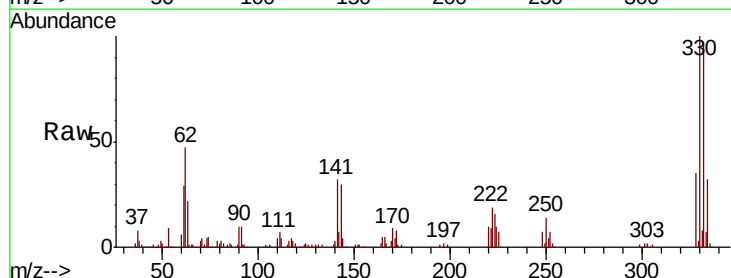
Tgt Ion:198 Resp: 588

Ion Ratio Lower Upper

198 100

51 155.0 11.1 51.1#

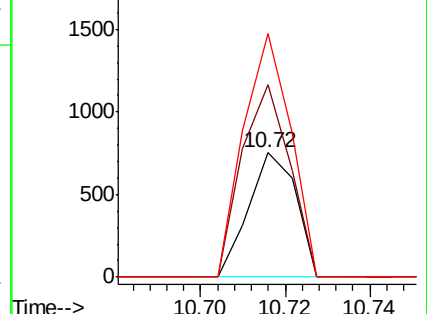
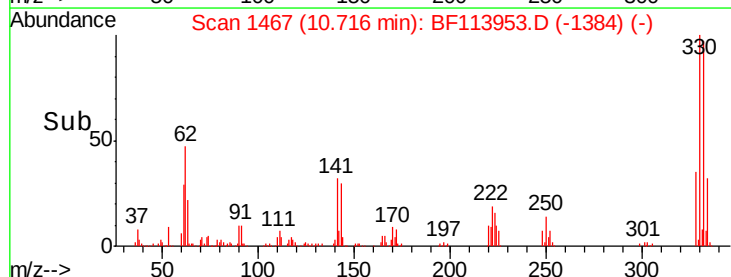
105 196.3 20.7 60.7#

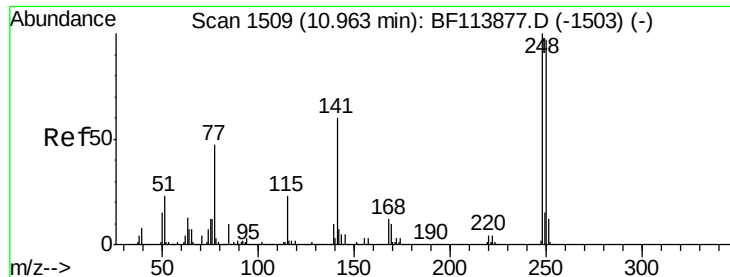


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

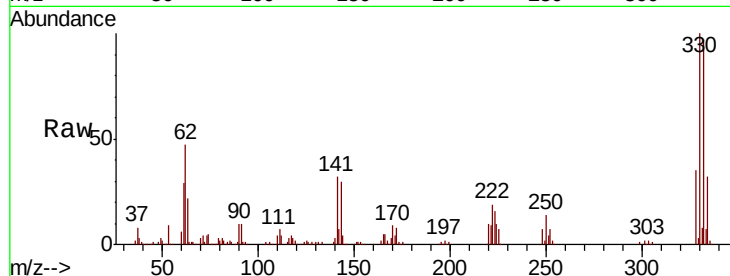




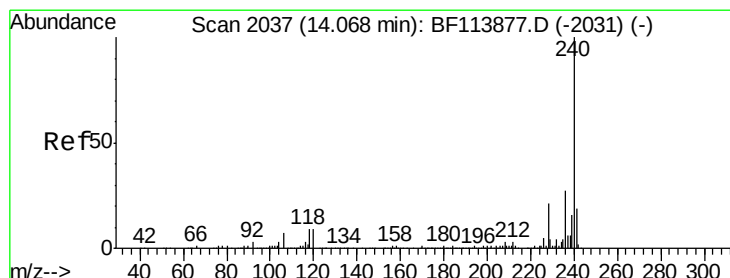
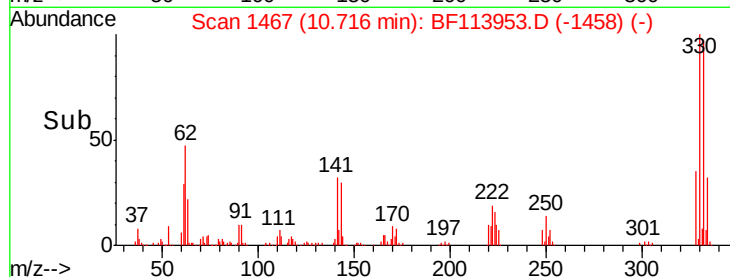
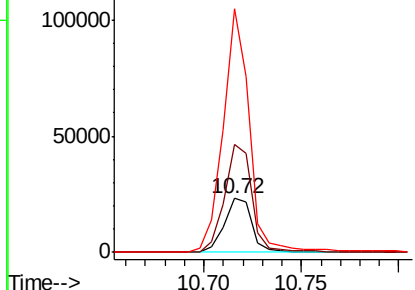
#67
4-Bromophenyl-phenylether
Concen: 3.760 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113953.D
Acq: 24 Apr 2019 11:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 22629
Ion Ratio Lower Upper
248 100
250 200.9 75.8 113.6#
141 452.1 50.2 75.4#

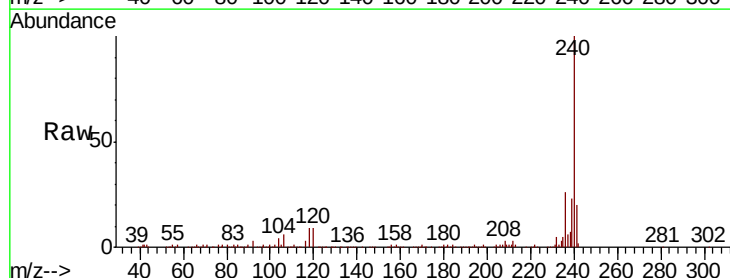


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

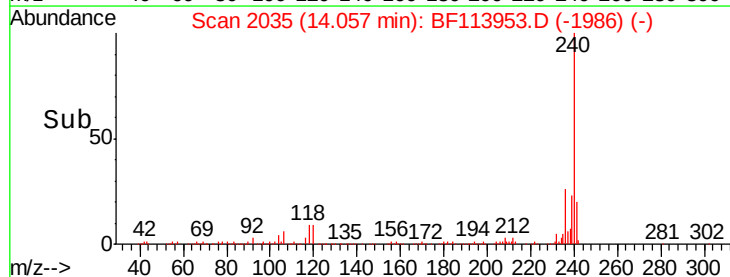
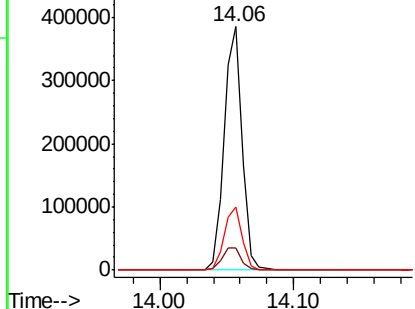


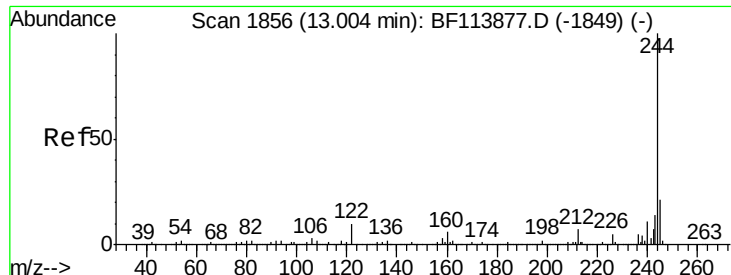
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113953.D
Acq: 24 Apr 2019 11:39

Tgt Ion:240 Resp: 365257
Ion Ratio Lower Upper
240 100
120 9.2 9.3 13.9#
236 26.0 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: 98.734 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

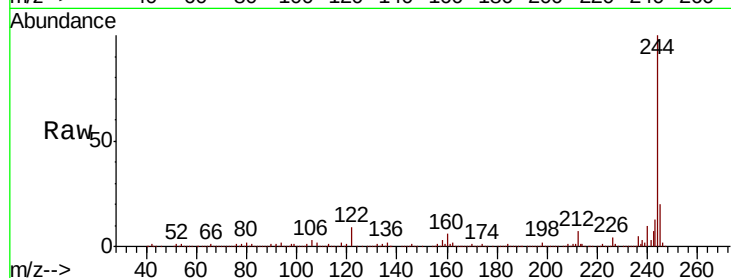
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1759069

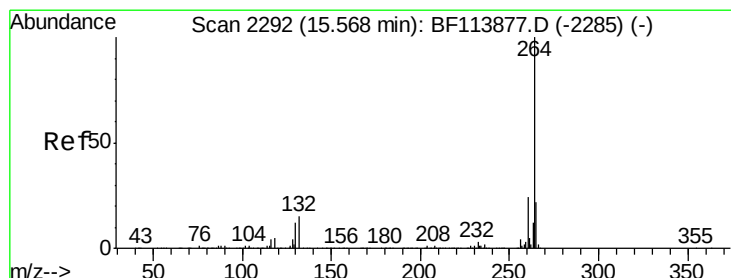
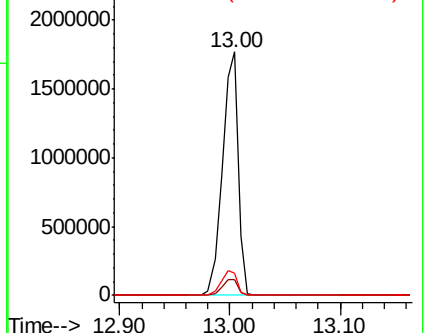
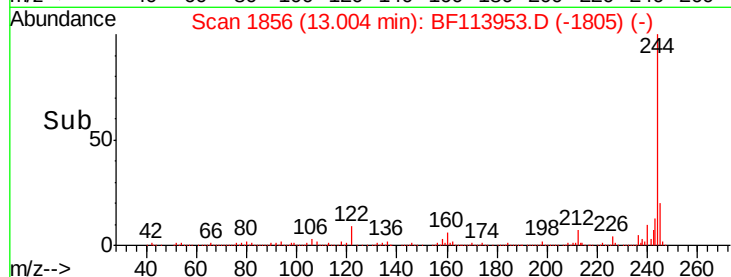
Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	9.1	7.6	11.4



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

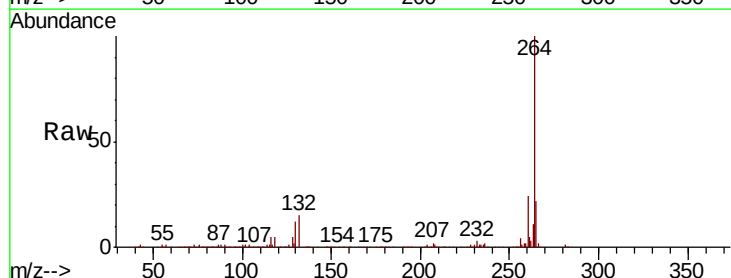
Delta R.T. -0.02 min

Lab File: BF113953.D

Acq: 24 Apr 2019 11:39

Tgt Ion:264 Resp: 373748

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	22.0	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

