

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113952.D
 Acq On : 24 Apr 2019 11:12
 Operator : JU/SJ
 Sample : K2526-01RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 14:04:06 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

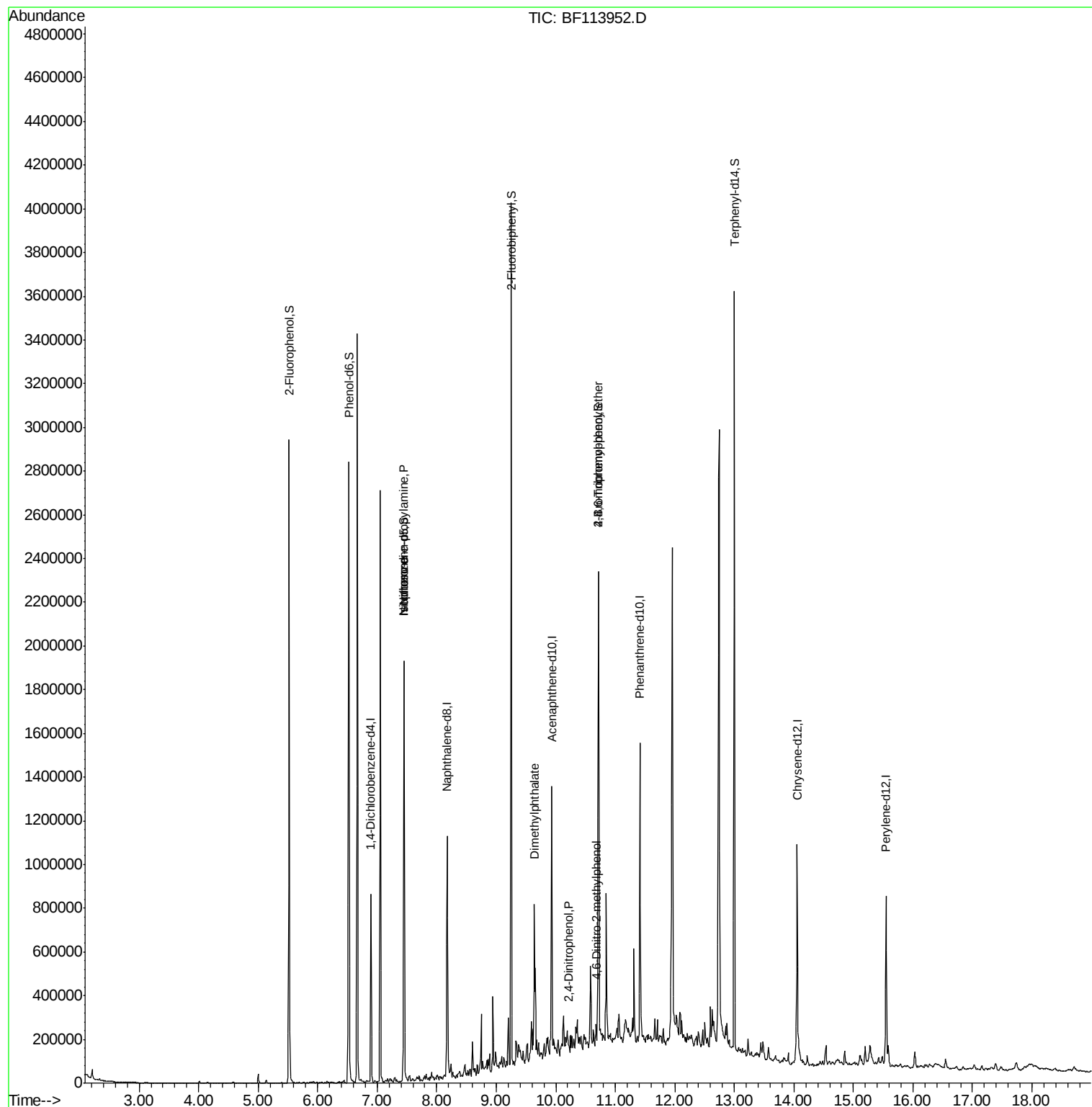
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	135855	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	499848	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	248321	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	465693	20.00	ng	0.00
76) Chrysene-d12	14.06	240	303972	20.00	ng	-0.01
87) Perylene-d12	15.55	264	364210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	921344	115.99	ng	0.00
7) Phenol-d6	6.53	99	1190705	119.48	ng	0.00
23) Nitrobenzene-d5	7.45	82	724477	89.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	323620	106.98	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1244453	78.38	ng	0.00
79) Terphenyl-d14	13.00	244	1167716	78.76	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	1370	Below Cal		83
19) n-Nitroso-di-n-propylamine	7.45	70	100566	15.583 ng	#	79
25) Isophorone	7.45	82	720314	43.485 ng	#	65
50) Dimethylphthalate	9.64	163	242091	13.480 ng		99
54) 2,4-Dinitrophenol	10.23	184	536	8.607 ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.67	198	239	7.403 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	20477	3.640 ng	#	1

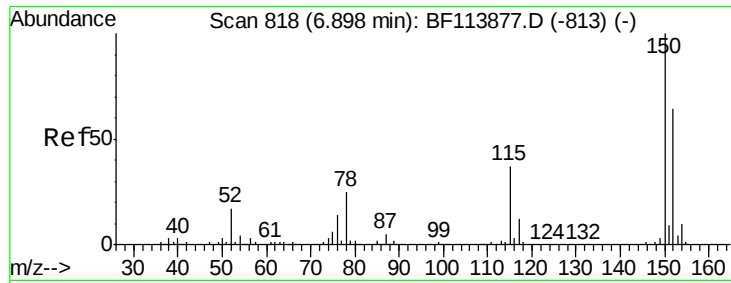
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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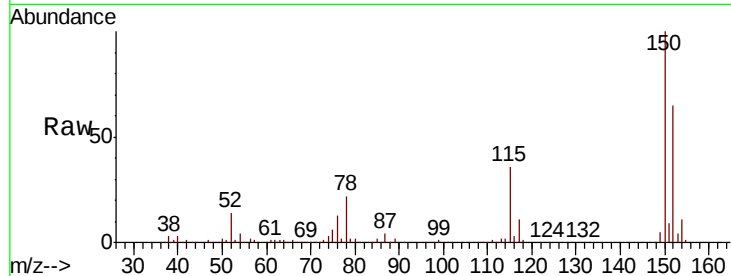




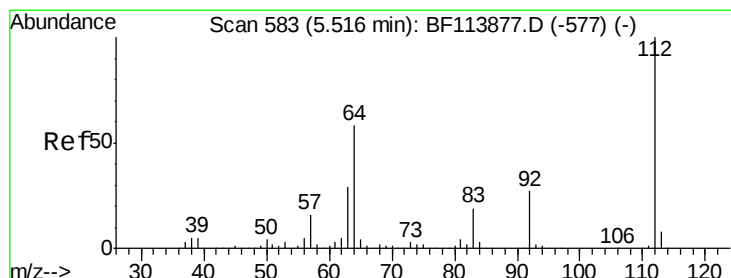
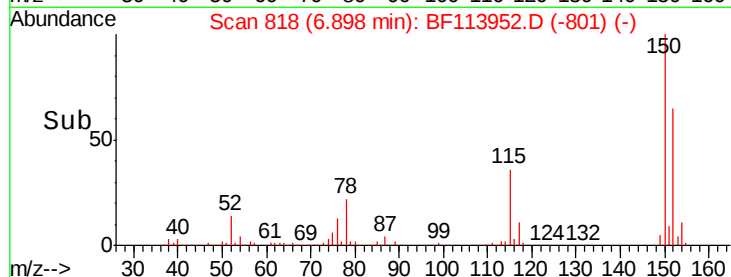
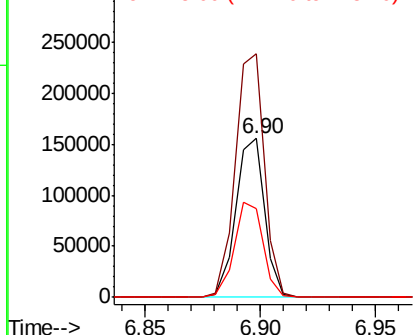
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 135855
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.9 188.9
 115 55.7 45.9 68.9

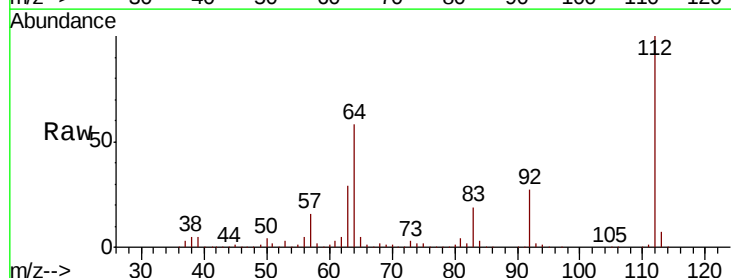


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

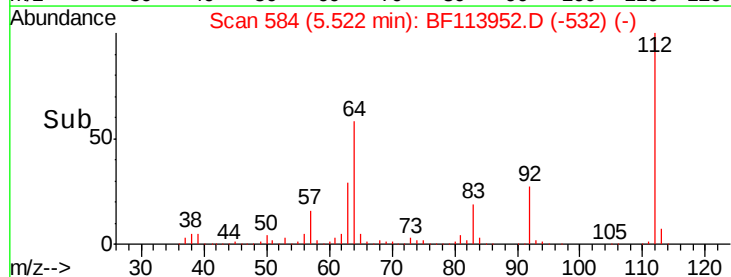
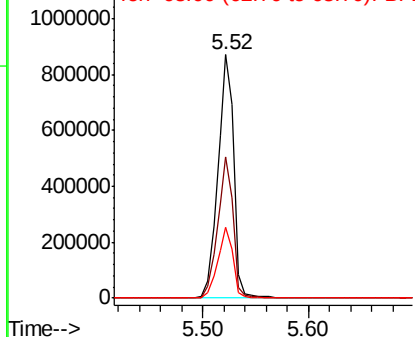


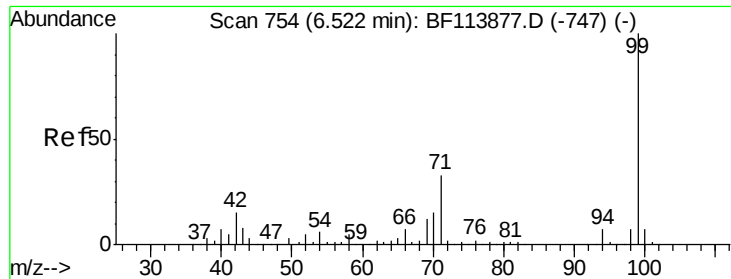
#5
 2-Fluorophenol
 Concen: 115.993 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Tgt Ion:112 Resp: 921344
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.6 69.8
 63 29.1 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: 119.482 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

BNA_F

ClientSampled :

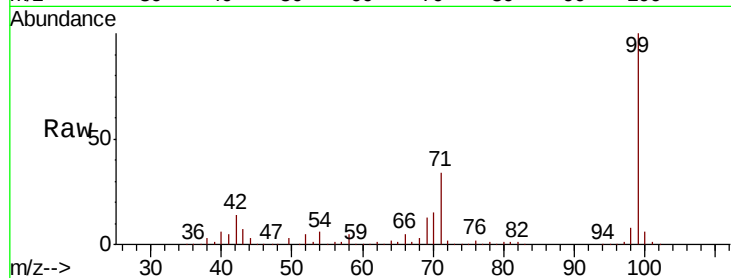
Tot Ion: 99 Resp: 1190705

Ion Ratio Lower Upper

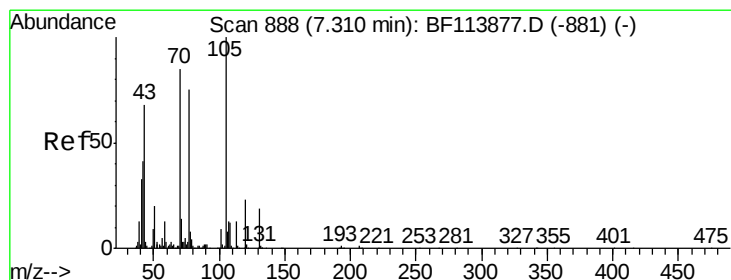
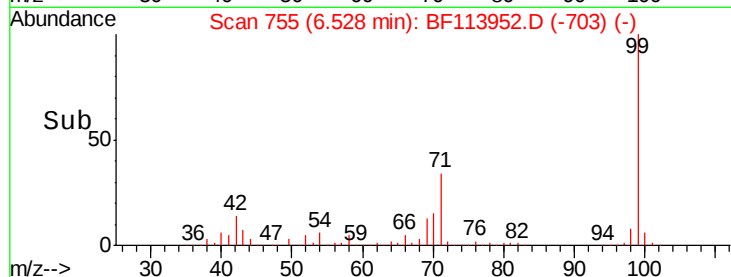
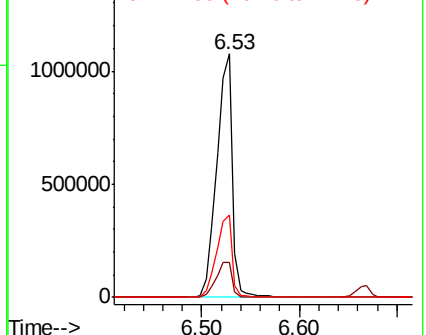
99 100

42 14.5 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: 15.583 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Tgt Ion: 70 Resp: 100566

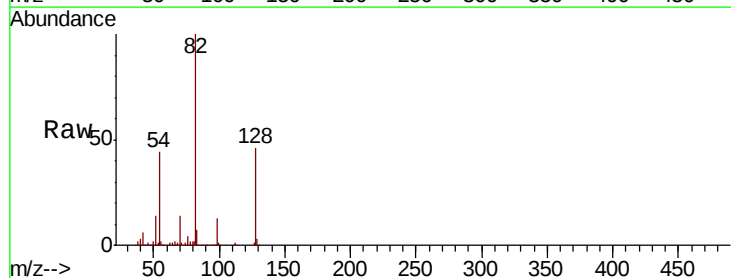
Ion Ratio Lower Upper

70 100

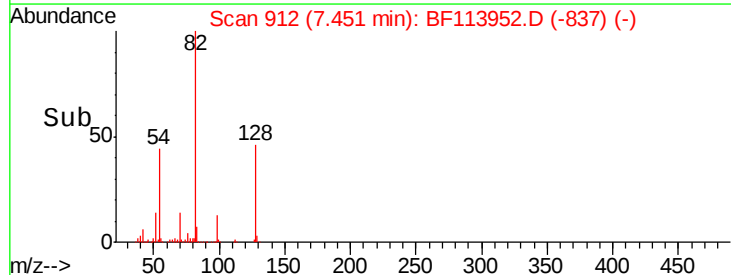
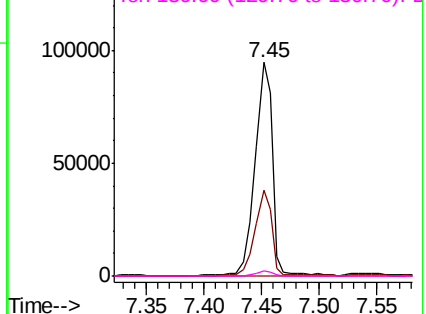
42 40.1 37.3 55.9

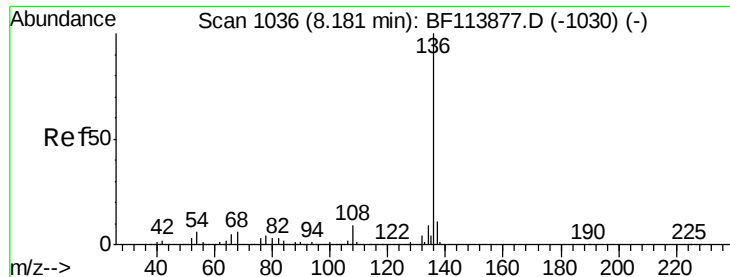
101 0.0 7.8 11.8#

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): E
Ion 130.00 (129.70 to 130.70): E

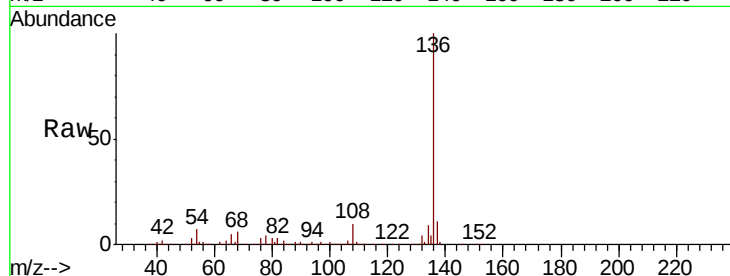




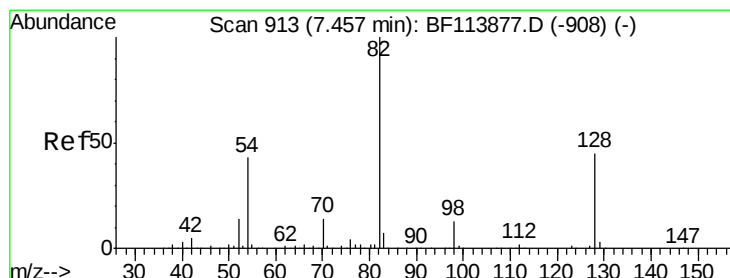
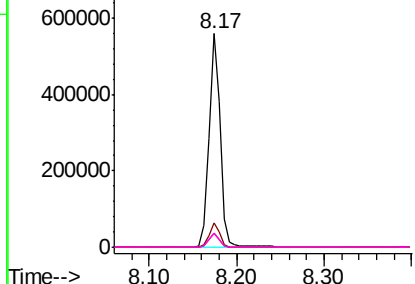
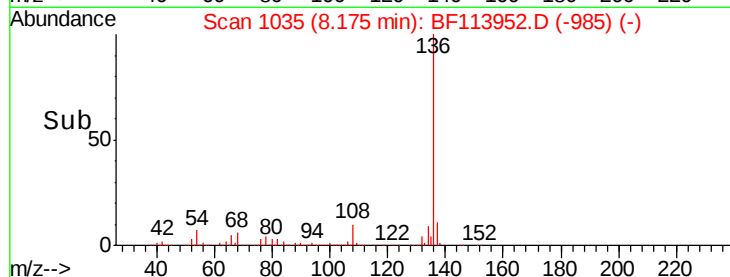
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	499848
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 12.8
54	6.6	5.0 7.6
68	6.3	4.9 7.3

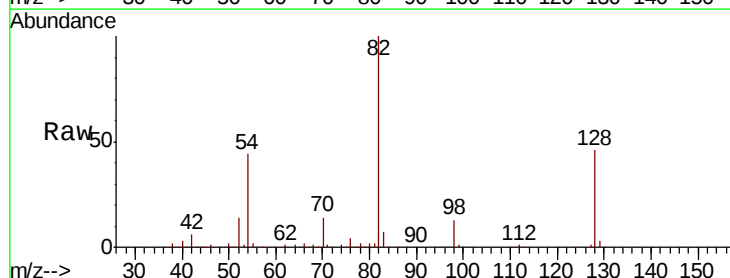


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

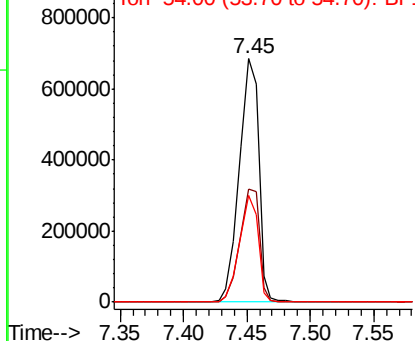
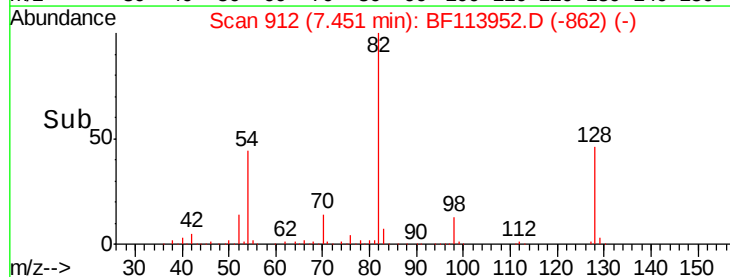


#23
Nitrobenzene-d5
Concen: 89.491 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Tgt Ion: 82	Resp:	724477
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.8 55.2
54	43.8	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: 43.485 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

BNA_F

ClientSampled :

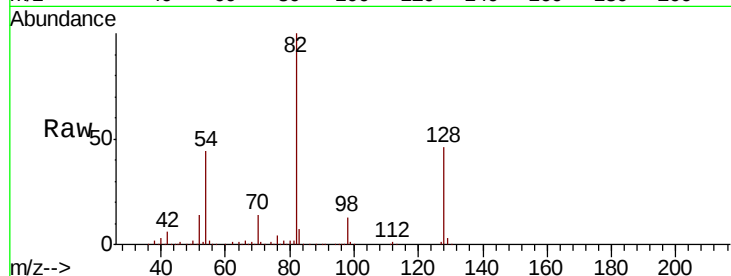
Tot Ion: 82 Resp: 720314

Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.2#

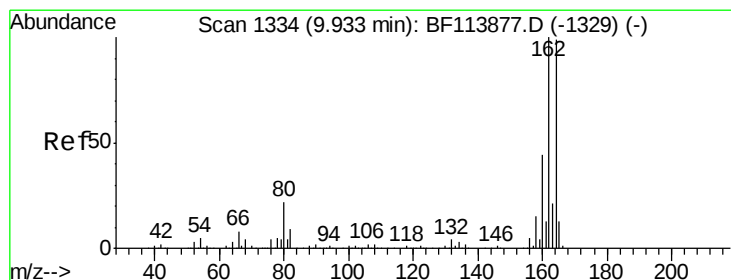
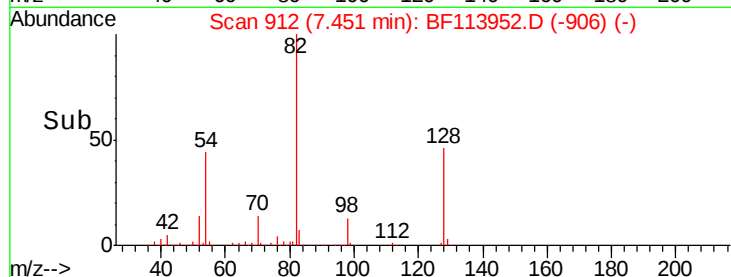
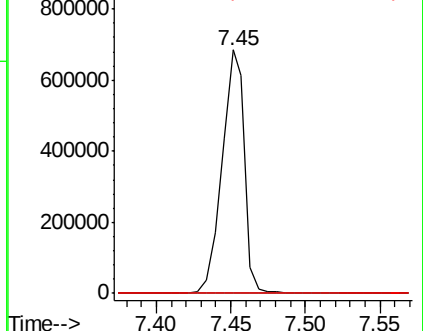
138 0.0 14.6 22.0#



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: BF113952.D

Acq: 24 Apr 2019 11:12

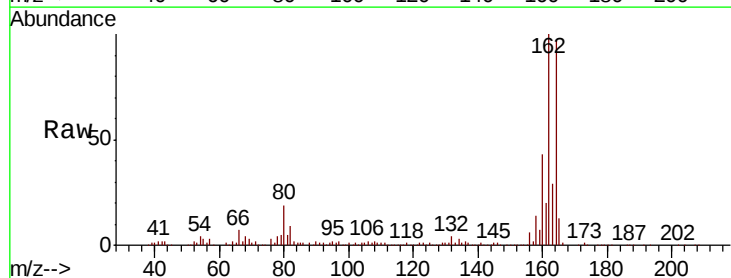
Tgt Ion:164 Resp: 248321

Ion Ratio Lower Upper

164 100

162 103.4 81.1 121.7

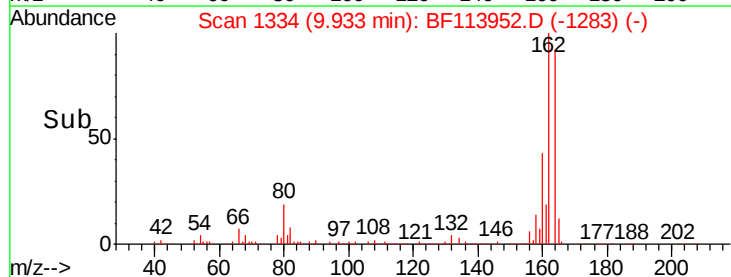
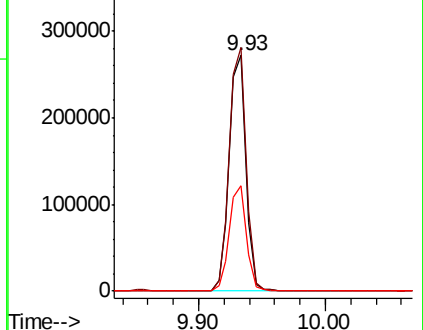
160 44.8 35.8 53.6

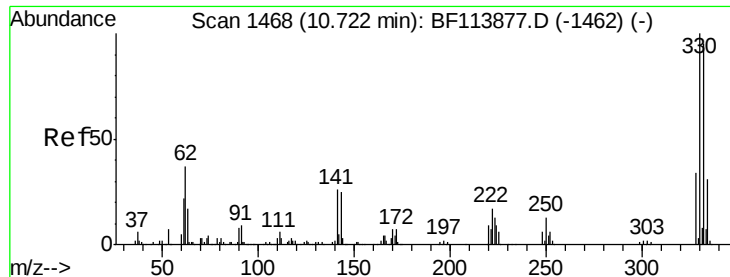


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

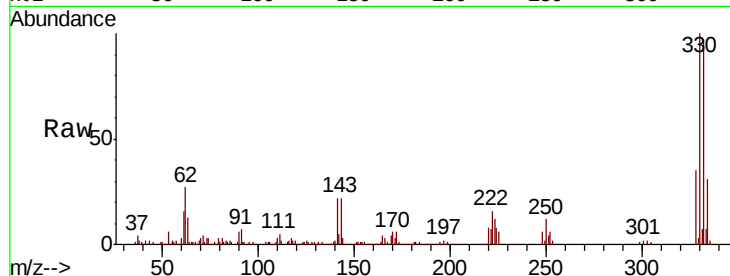




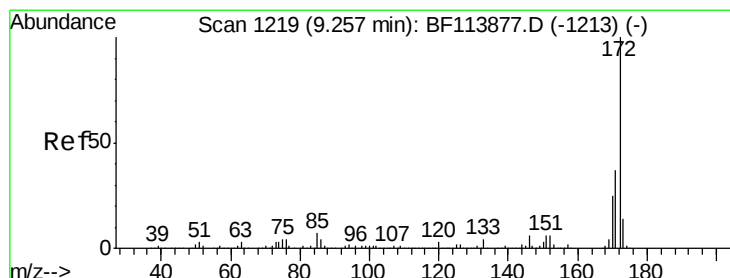
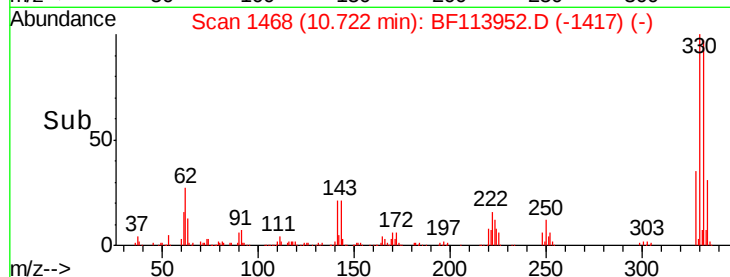
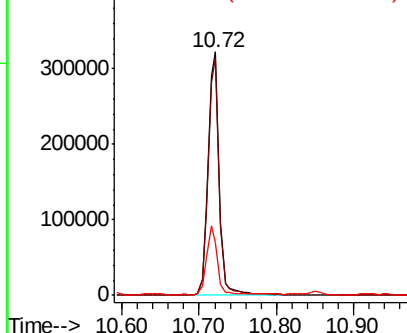
#42
 2,4,6-Tribromophenol
 Concen: 106.980 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 323620
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.5 116.3
 141 27.3 22.2 33.2

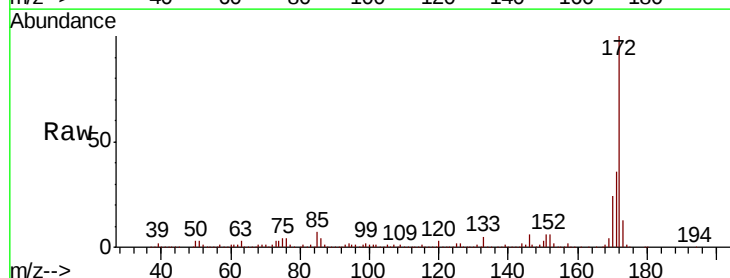


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

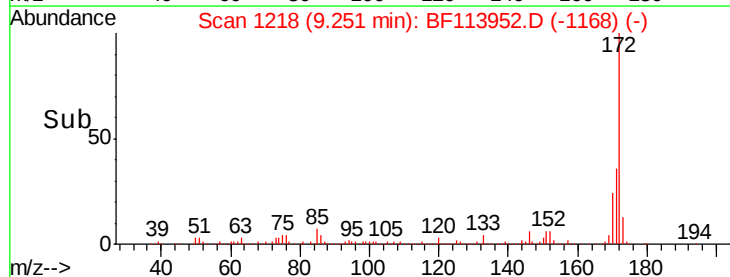
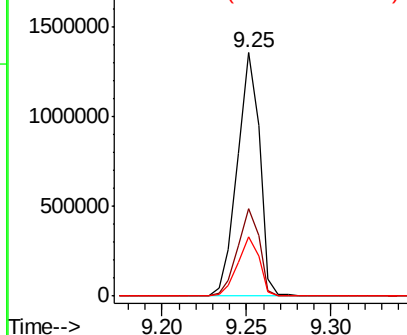


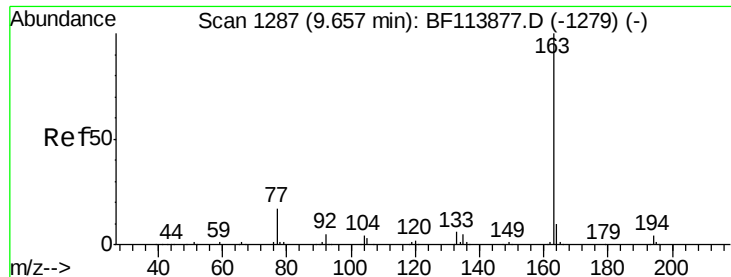
#45
 2-Fluorobiphenyl
 Concen: 78.381 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Tgt Ion:172 Resp: 1244453
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.5 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

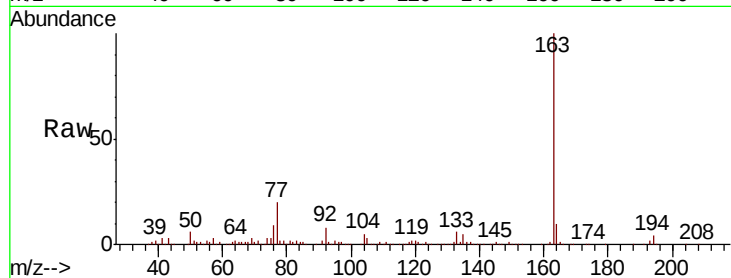




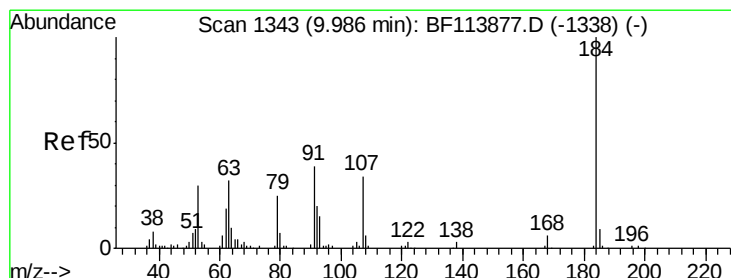
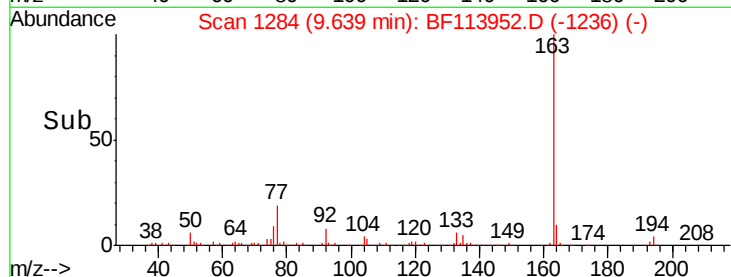
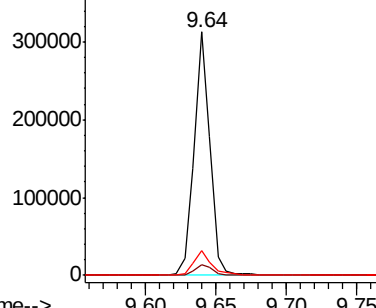
#50
Dimethylphthalate
Concen: 13.480 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 242091
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.1 8.5 12.7

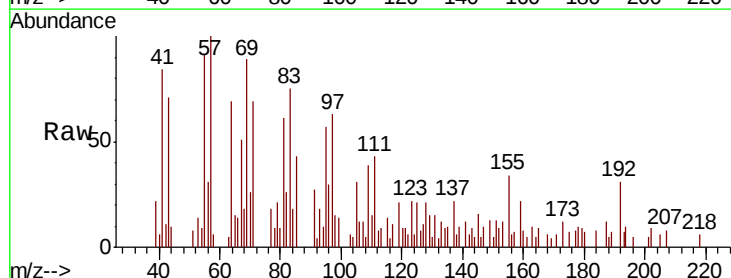


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

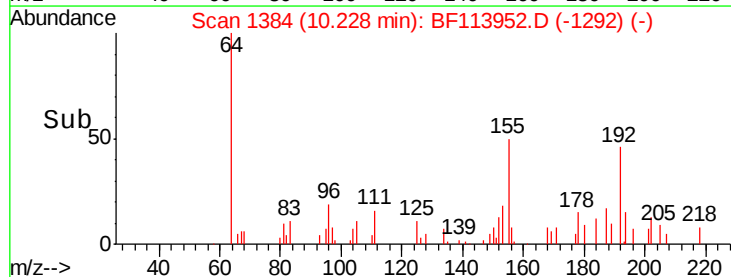
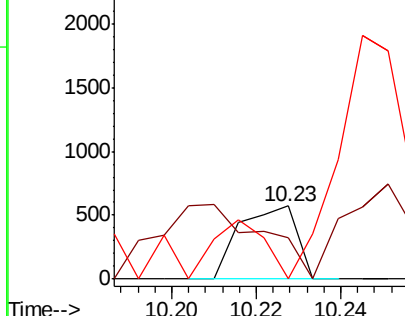


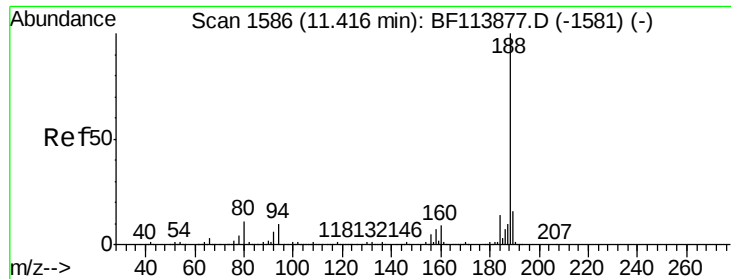
#54
2,4-Dinitrophenol
Concen: 8.607 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.24 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Tgt Ion:184 Resp: 536
Ion Ratio Lower Upper
184 100
63 56.9 54.6 81.8
154 0.0 218.6 328.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

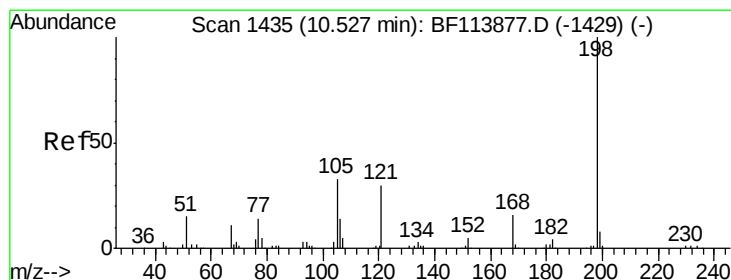
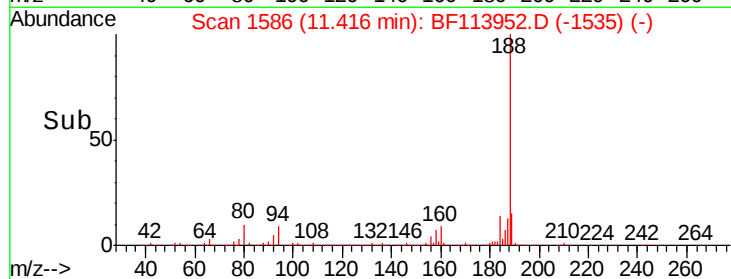
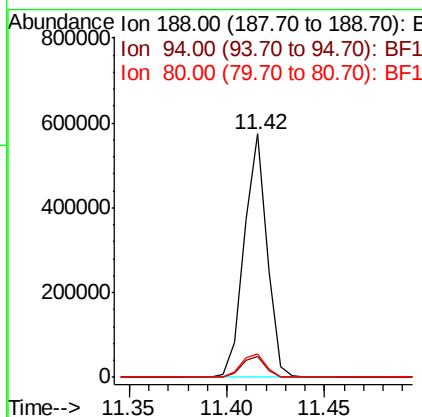
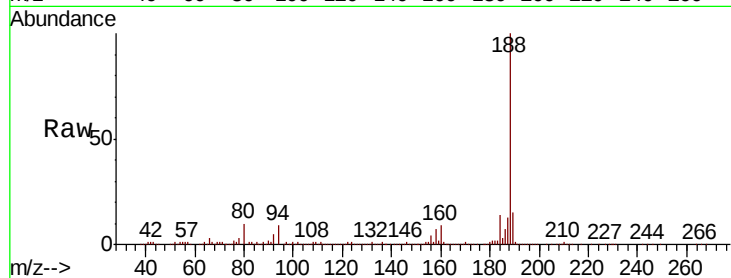




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

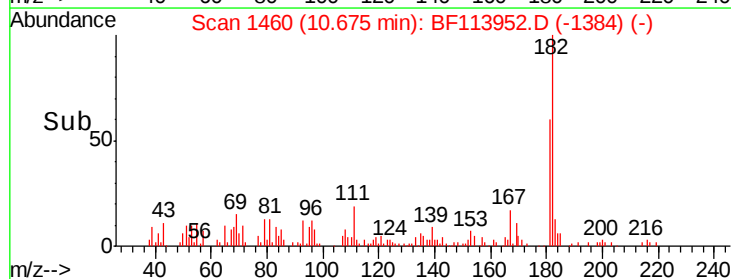
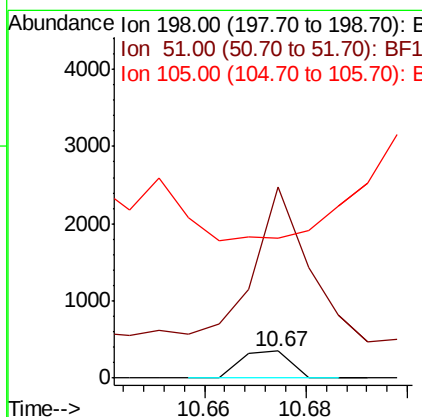
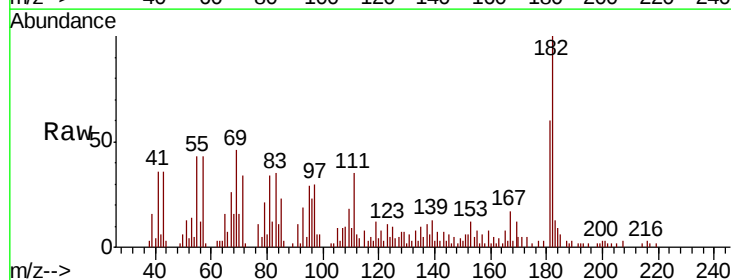
Instrument :
 BNA_F
 ClientSampleId :

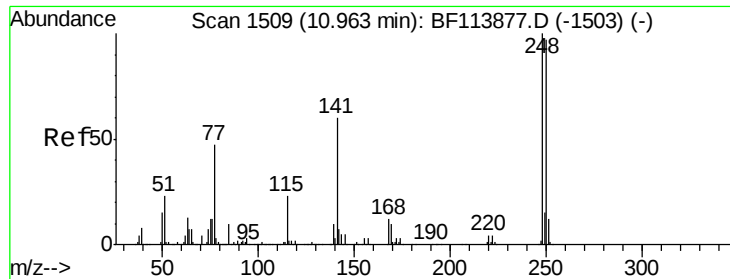
Tot Ion:188 Resp: 465693
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.2 12.4
 80 9.8 9.0 13.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.403 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.15 min
 Lab File: BF113952.D
 Acq: 24 Apr 2019 11:12

Tgt Ion:198 Resp: 239
 Ion Ratio Lower Upper
 198 100
 51 704.8 11.1 51.1#
 105 516.0 20.7 60.7#

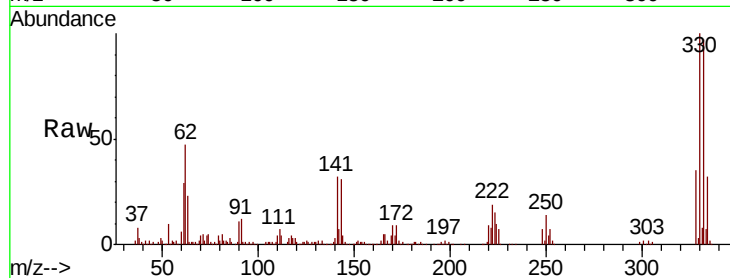




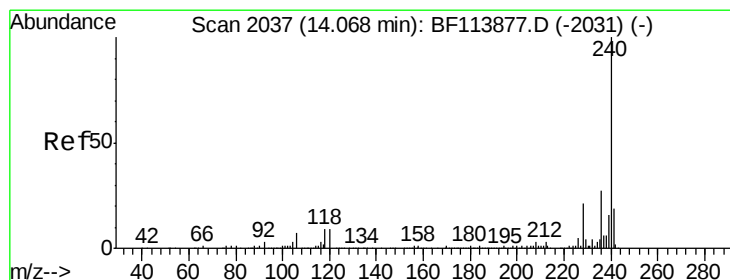
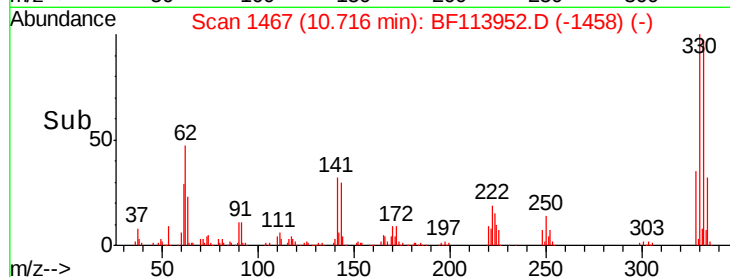
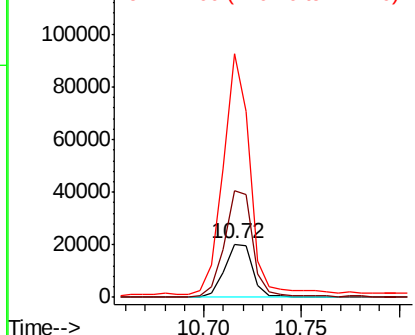
#67
4-Bromophenyl-phenylether
Concen: 3.640 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 20477
Ion Ratio Lower Upper
248 100
250 202.8 75.8 113.6#
141 460.2 50.2 75.4#

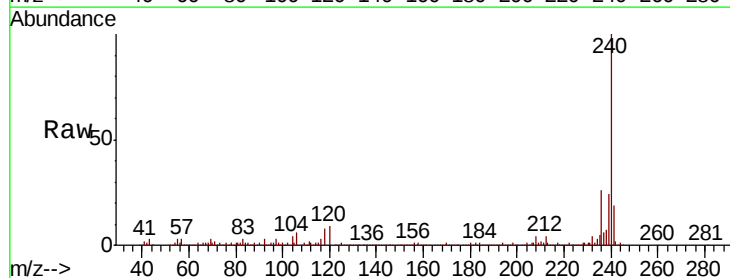


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

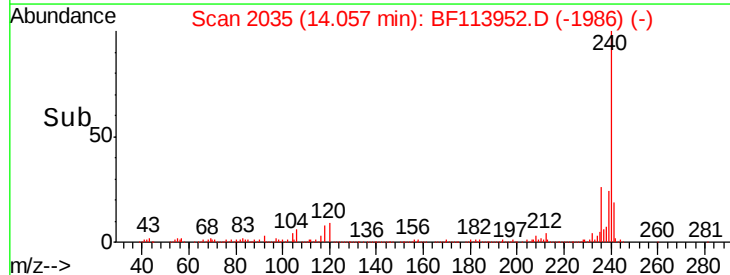
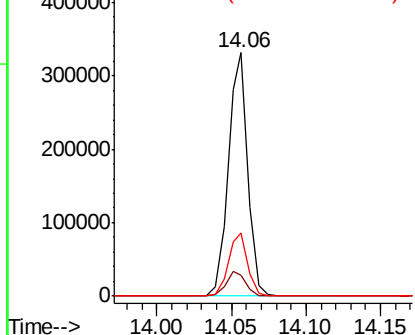


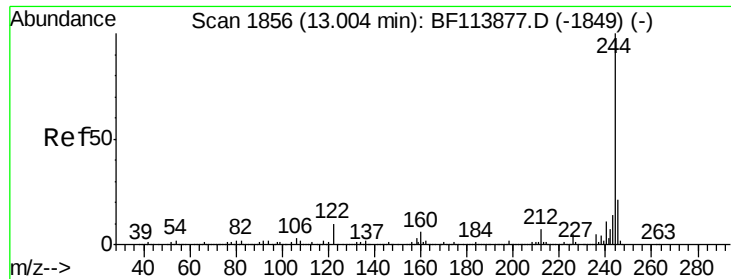
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113952.D
Acq: 24 Apr 2019 11:12

Tgt Ion:240 Resp: 303972
Ion Ratio Lower Upper
240 100
120 8.7 9.3 13.9#
236 26.1 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: 78.756 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF113952.D

Acq: 24 Apr 2019 11:12

Instrument :

BNA_F

ClientSampleId :

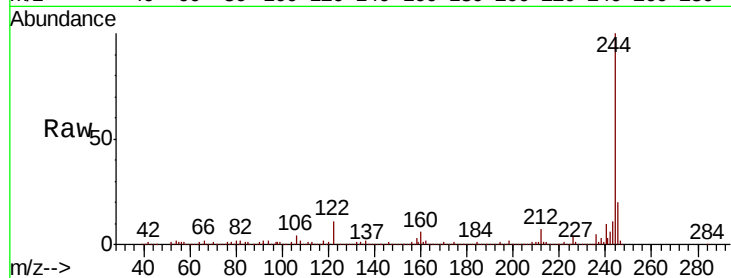
Tot Ion:244 Resp: 1167716

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

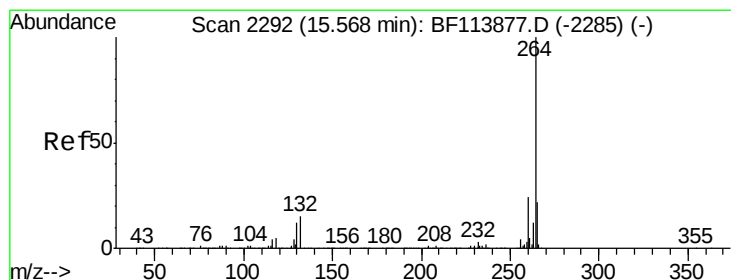
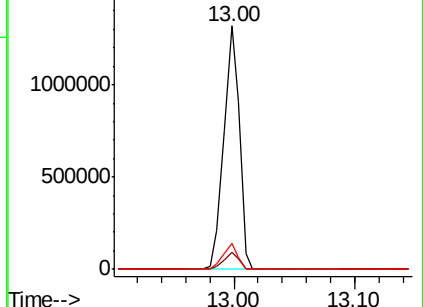
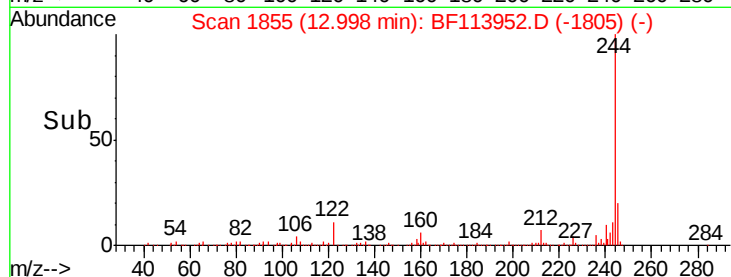
122 10.7 7.6 11.4



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: BF113952.D

Acq: 24 Apr 2019 11:12

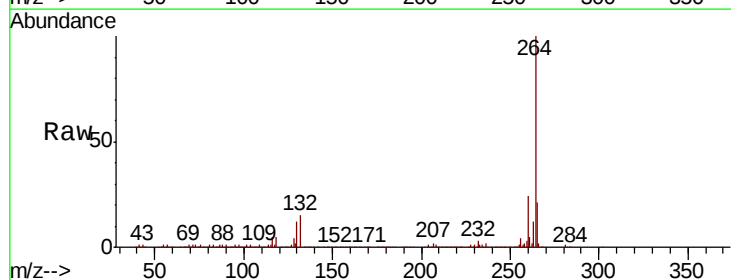
Tgt Ion:264 Resp: 364210

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.2 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

