

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113931.D
 Acq On : 23 Apr 2019 20:05
 Operator : JU/SJ
 Sample : K2526-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:06:10 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

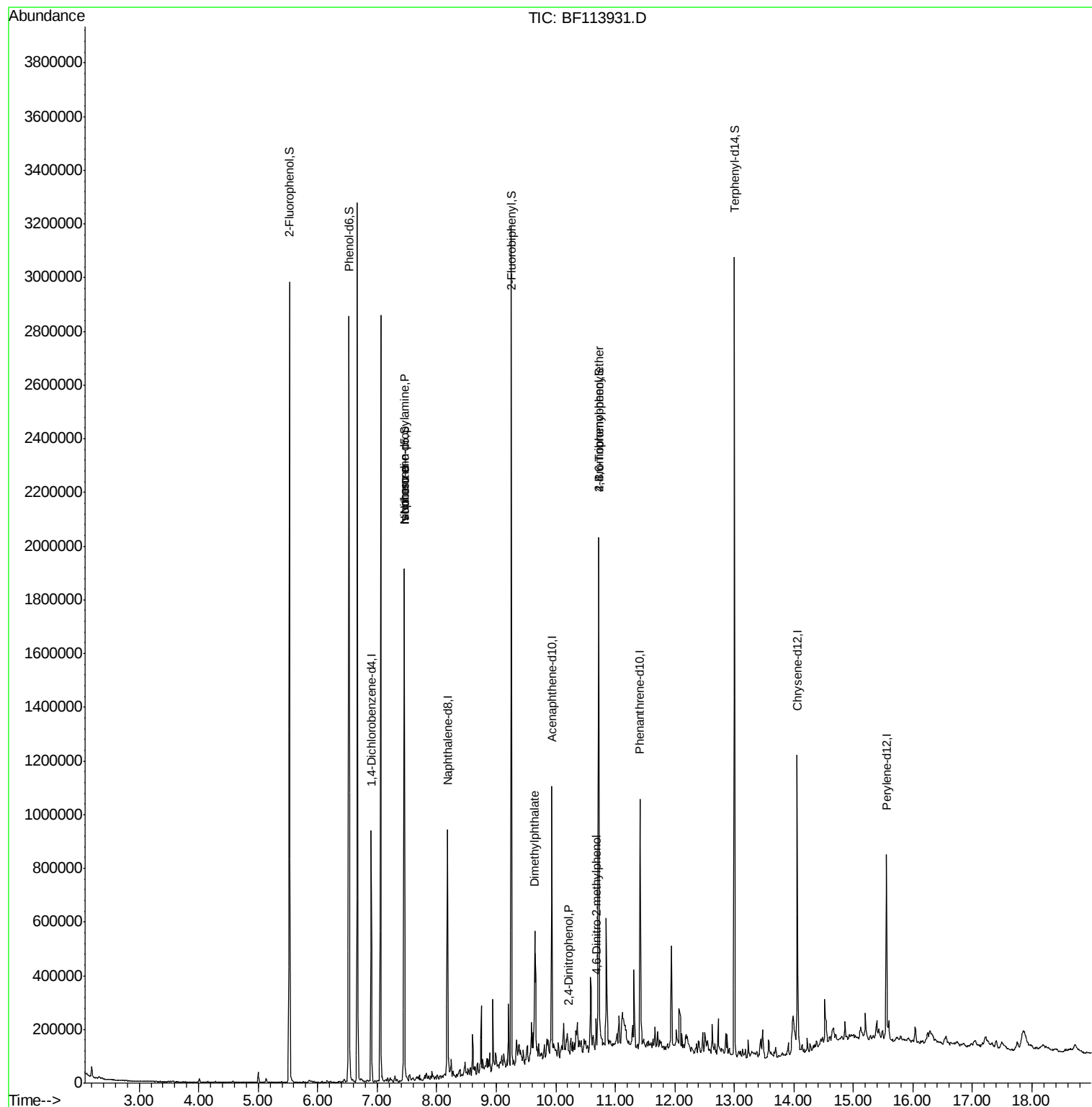
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130314	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	433097	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	184503	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	328398	20.00	ng	0.00
76) Chrysene-d12	14.06	240	367822	20.00	ng	-0.01
87) Perylene-d12	15.56	264	324190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	884401	116.08	ng	0.01
7) Phenol-d6	6.53	99	1106237	115.73	ng	0.00
23) Nitrobenzene-d5	7.46	82	649636	92.61	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	263224	117.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1043241	88.44	ng	0.00
79) Terphenyl-d14	13.00	244	1101095	61.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1473	Below Cal		91
19) n-Nitroso-di-n-propylamine	7.46	70	89800	14.506 ng	#	78
25) Isophorone	7.46	82	644226	44.886 ng	#	65
50) Dimethylphthalate	9.64	163	190512	14.277 ng		99
54) 2,4-Dinitrophenol	10.23	184	424	8.626 ng	#	1
65) 4,6-Dinitro-2-methylphenol	10.67	198	113	7.372 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	16234	4.092 ng	#	1

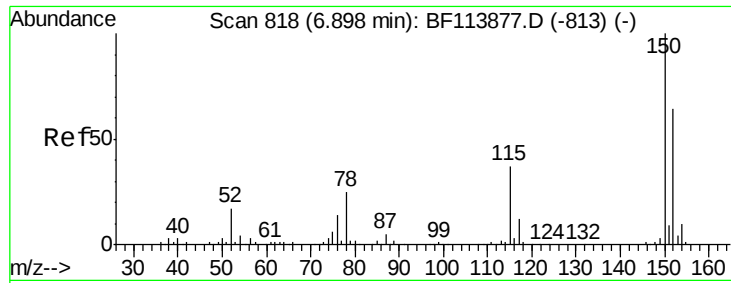
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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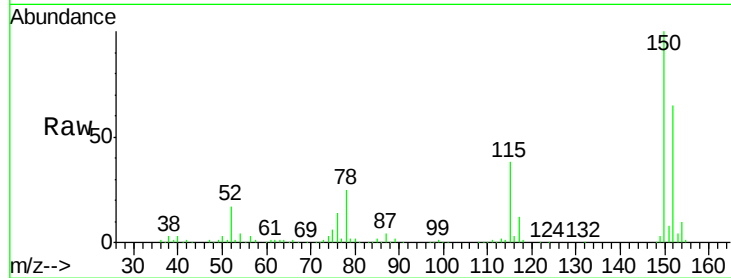


#1

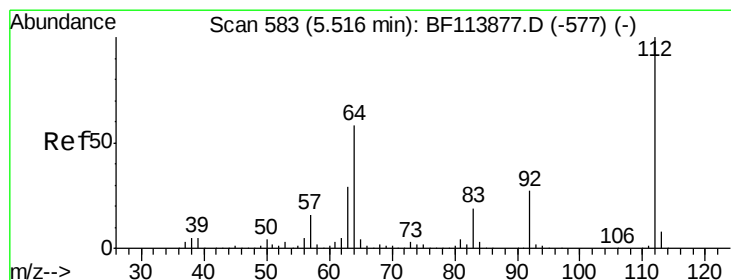
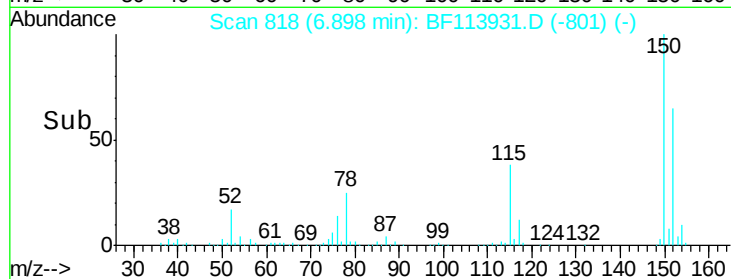
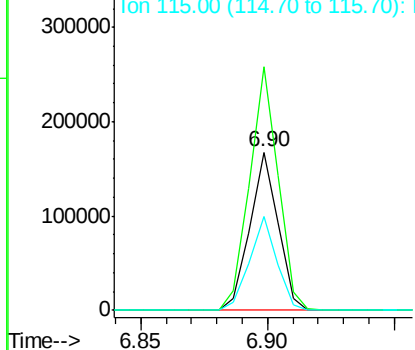
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 130314
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 59.3 45.9 68.9



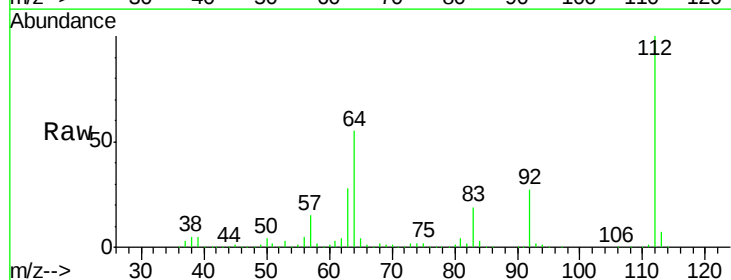
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



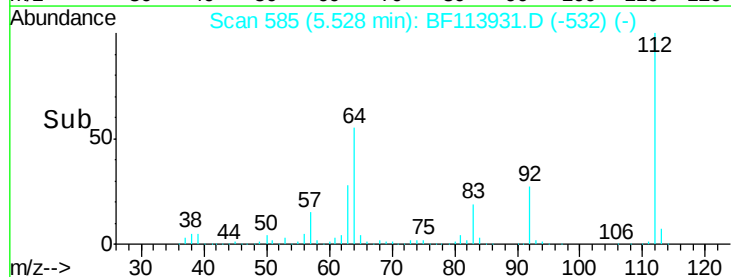
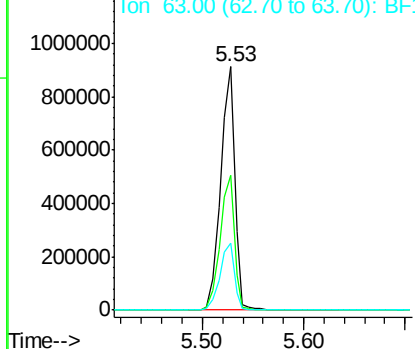
#5

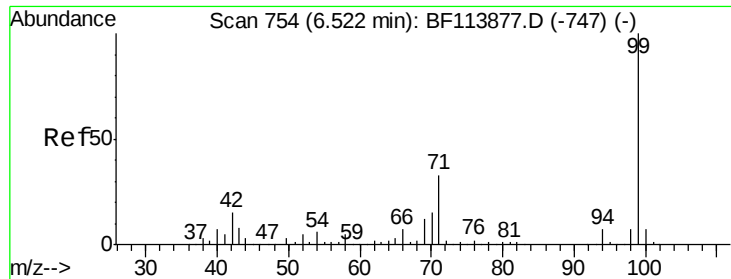
2-Fluorophenol
Concen: 116.077 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Tgt Ion:112 Resp: 884401
Ion Ratio Lower Upper
112 100
64 55.4 46.6 69.8
63 27.5 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: 115.726 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

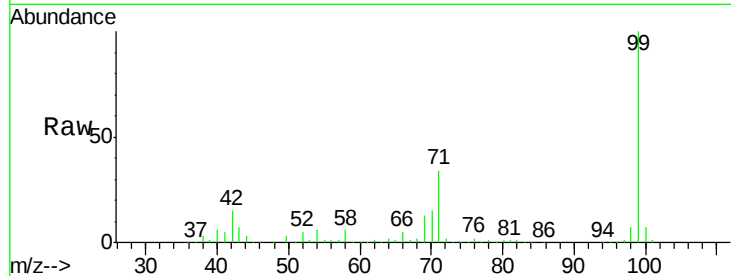
Tot Ion: 99 Resp: 1106237

Ion Ratio Lower Upper

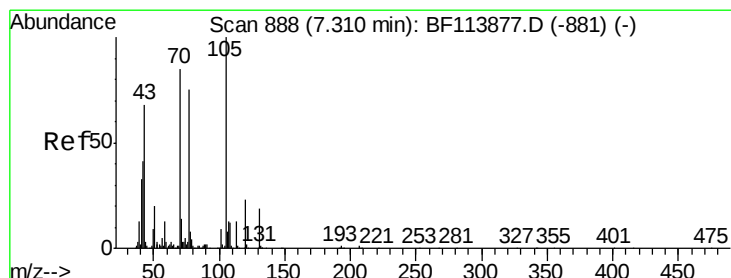
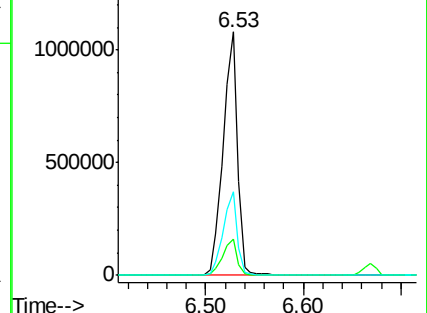
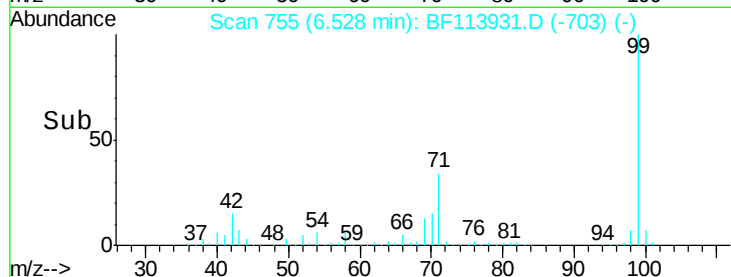
99 100

42 15.0 12.5 18.7

71 34.2 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: 14.506 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Tgt Ion: 70 Resp: 89800

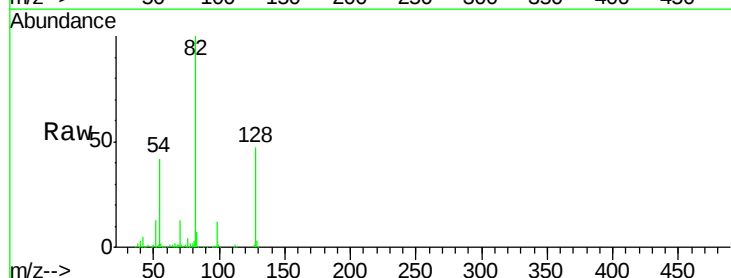
Ion Ratio Lower Upper

70 100

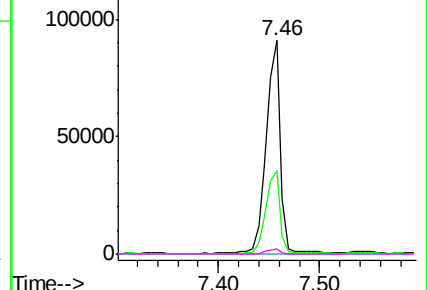
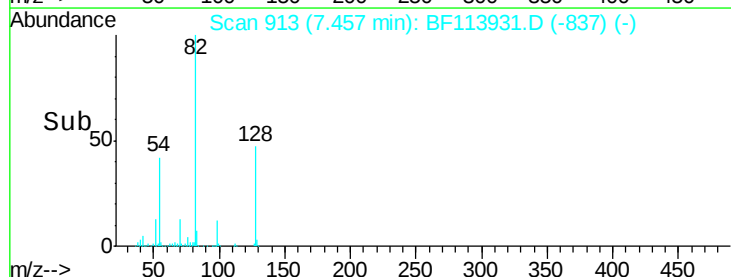
42 38.7 37.3 55.9

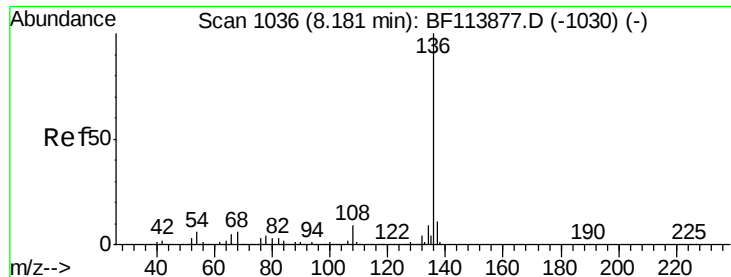
101 0.0 7.8 11.8#

130 2.4 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: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 433097

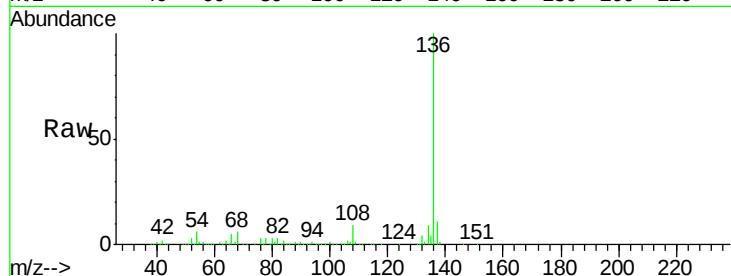
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 5.9 5.0 7.6

68 5.9 4.9 7.3

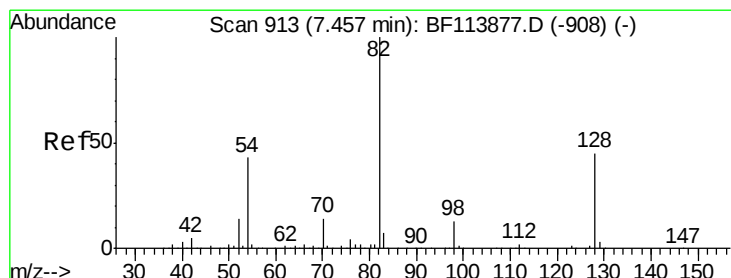
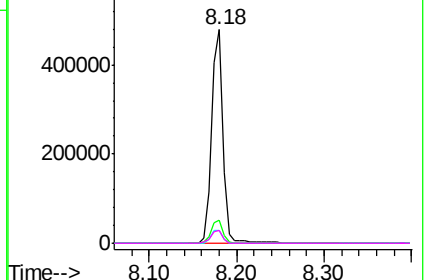
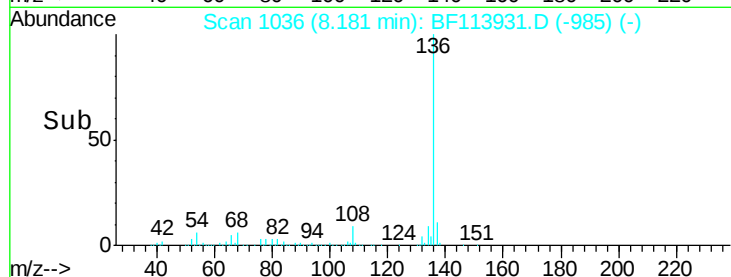


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.615 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

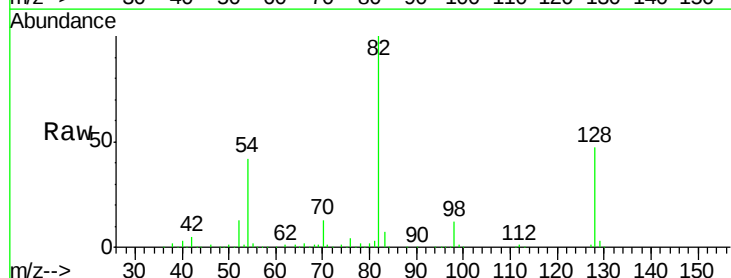
Tgt Ion: 82 Resp: 649636

Ion Ratio Lower Upper

82 100

128 47.4 36.8 55.2

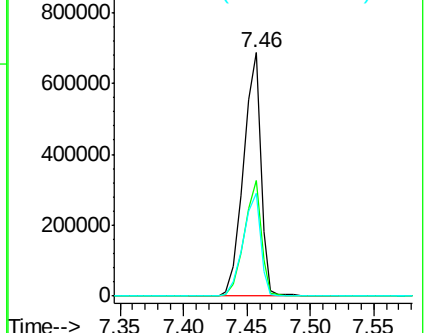
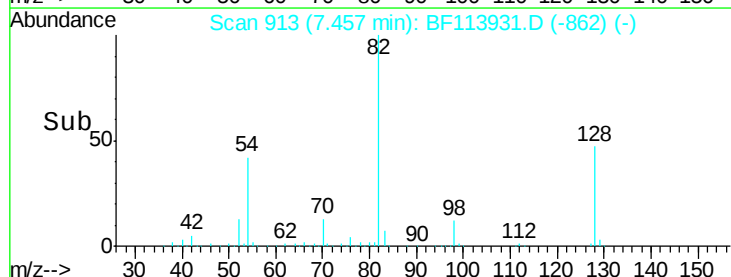
54 42.1 33.8 50.6

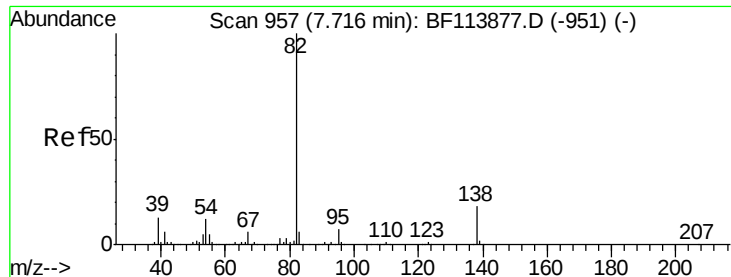


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 44.886 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

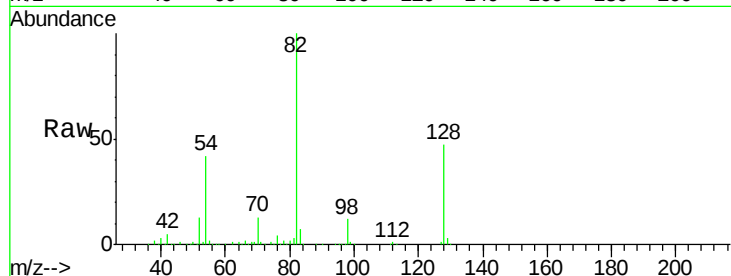
Tot Ion: 82 Resp: 644226

Ion Ratio Lower Upper

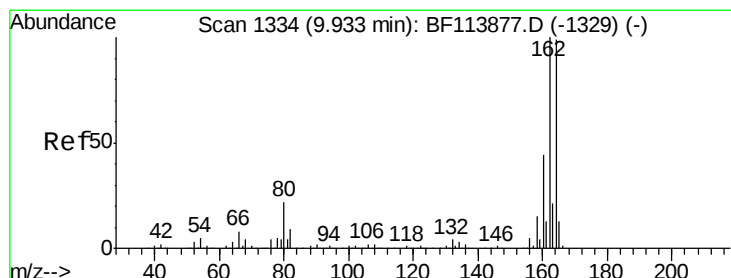
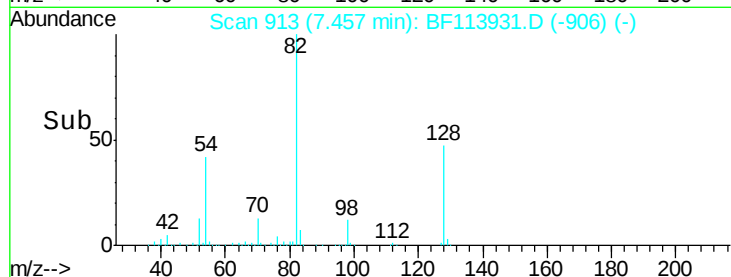
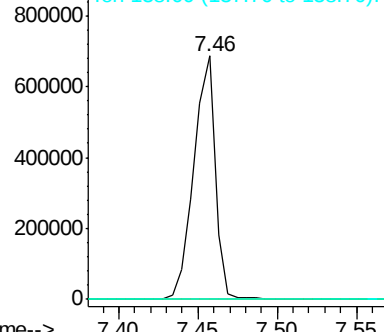
82 100

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: BF113931.D

Acq: 23 Apr 2019 20:05

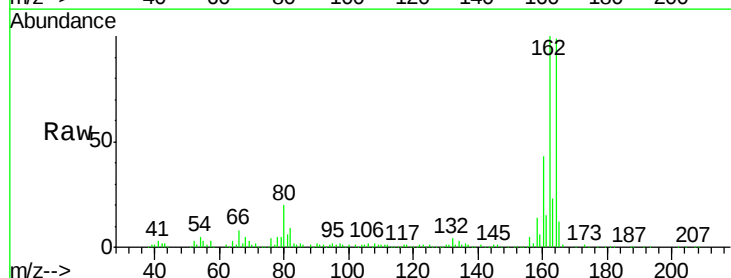
Tgt Ion:164 Resp: 184503

Ion Ratio Lower Upper

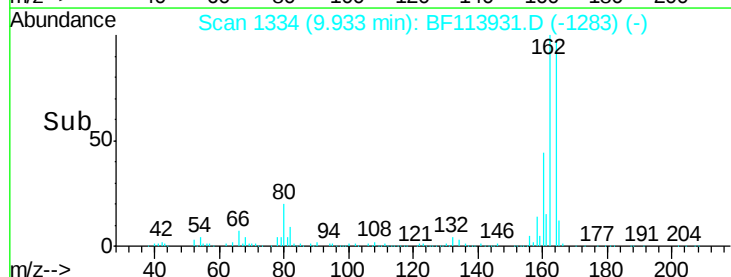
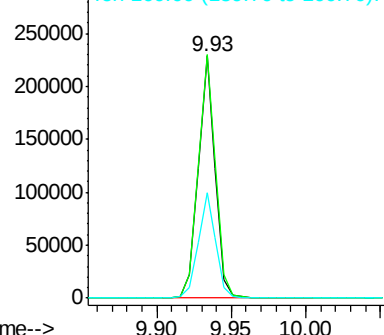
164 100

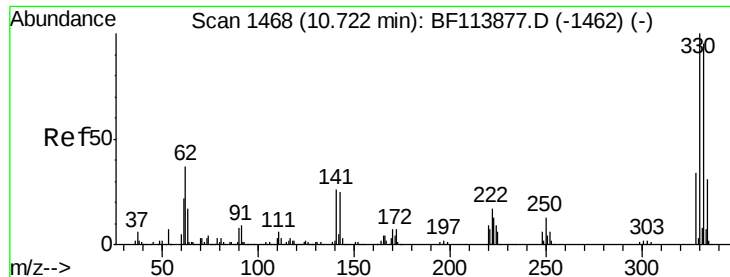
162 100.6 81.1 121.7

160 43.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

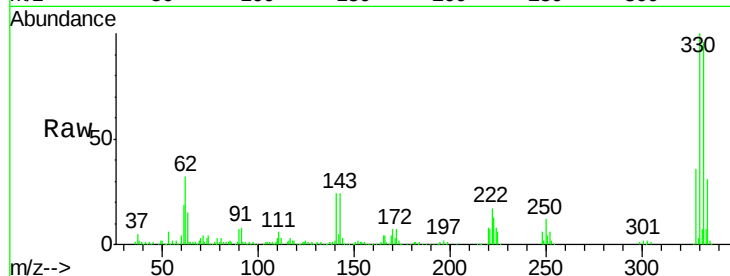




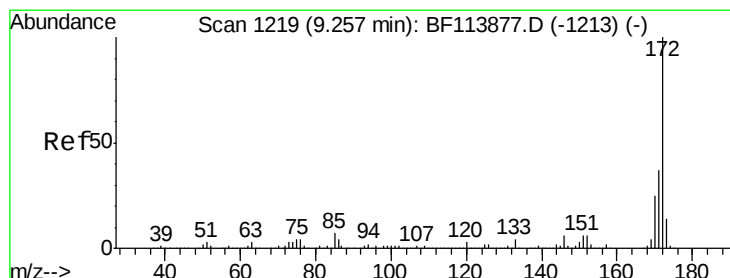
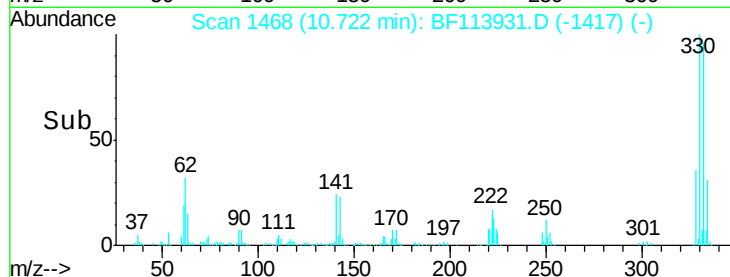
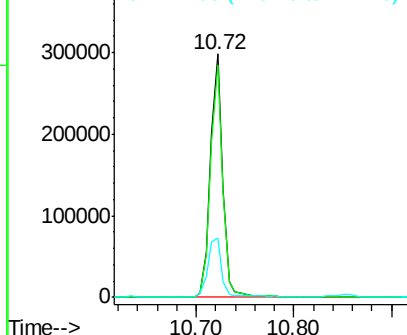
#42
 2,4,6-Tribromophenol
 Concen: 117.112 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 263224
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.5 116.3
 141 26.3 22.2 33.2

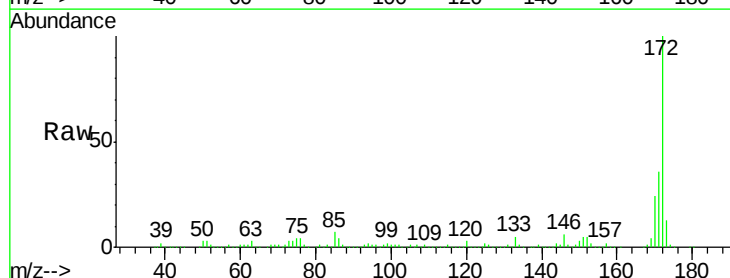


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

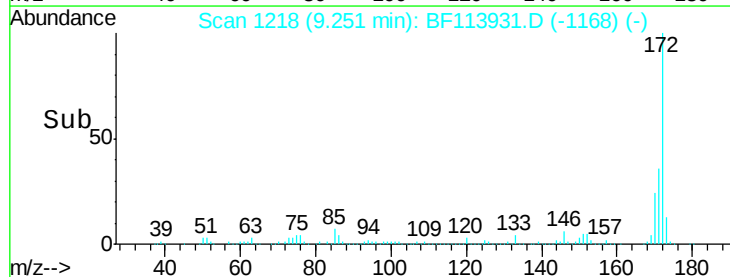
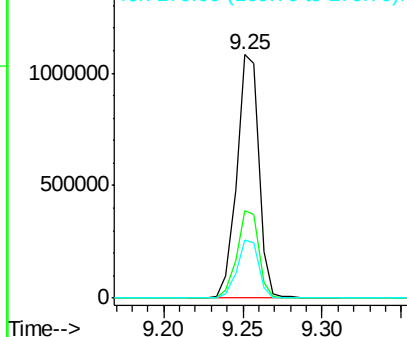


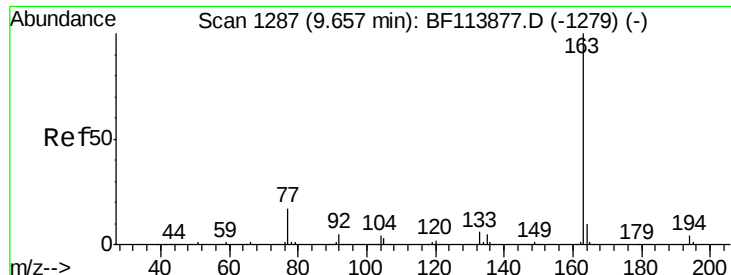
#45
 2-Fluorobiphenyl
 Concen: 88.435 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113931.D
 Acq: 23 Apr 2019 20:05

Tgt Ion:172 Resp: 1043241
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 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

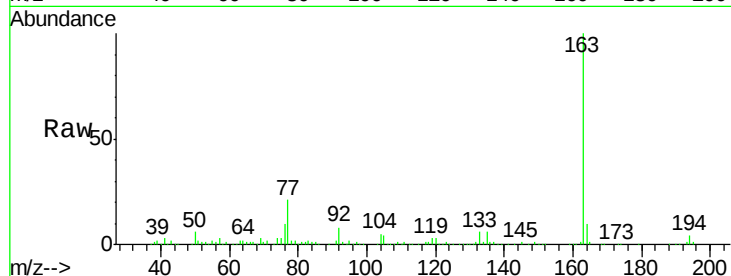




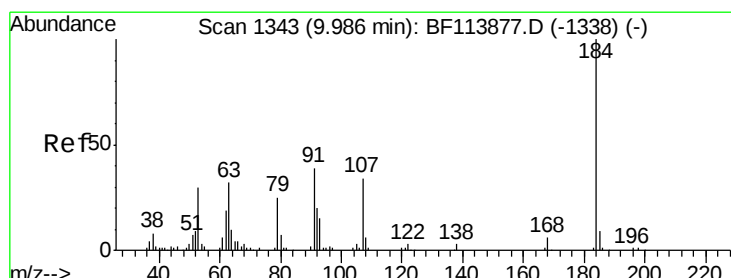
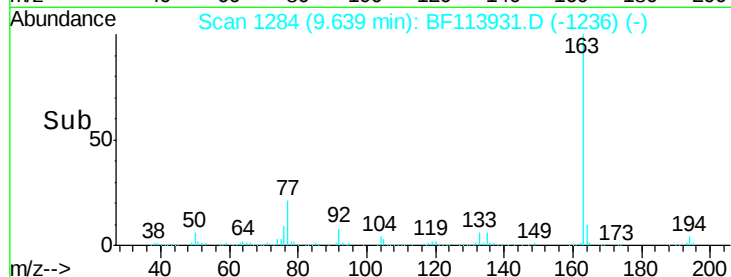
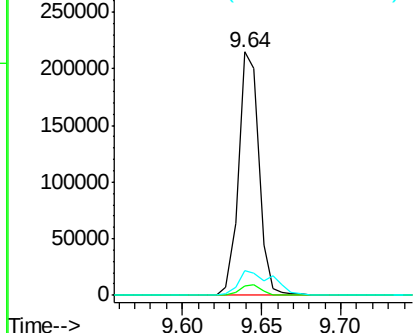
#50
Dimethylphthalate
Concen: 14.277 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 190512
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 8.5 12.7

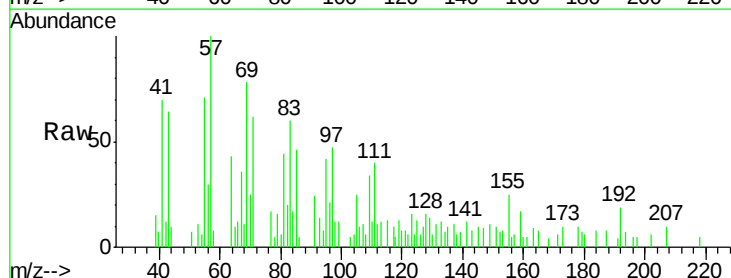


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

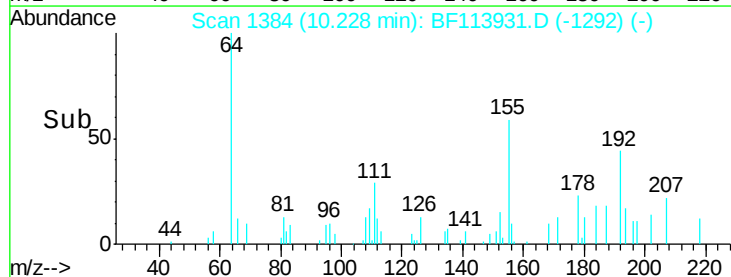
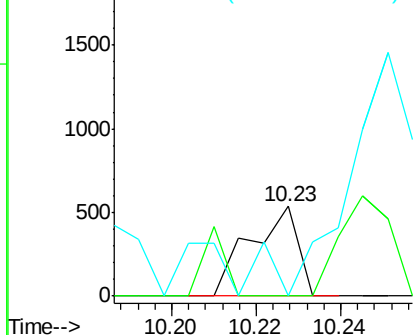


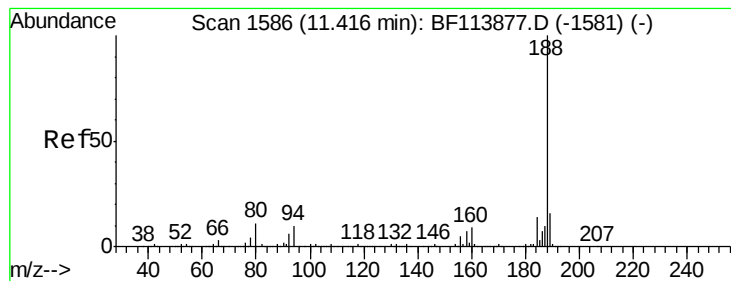
#54
2,4-Dinitrophenol
Concen: 8.626 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.24 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Tgt Ion:184 Resp: 424
Ion Ratio Lower Upper
184 100
63 0.0 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: BF113931.D

Acq: 23 Apr 2019 20:05

Instrument :

BNA_F

ClientSampleId :

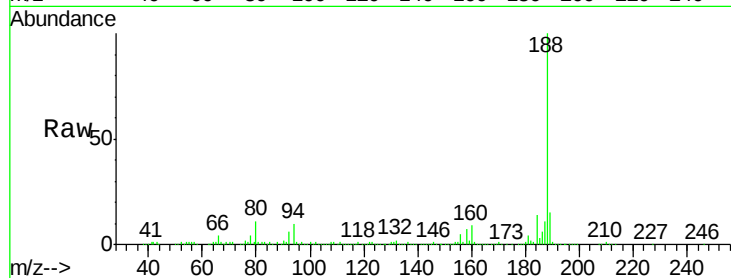
Tot Ion:188 Resp: 328398

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

80 10.7 9.0 13.6

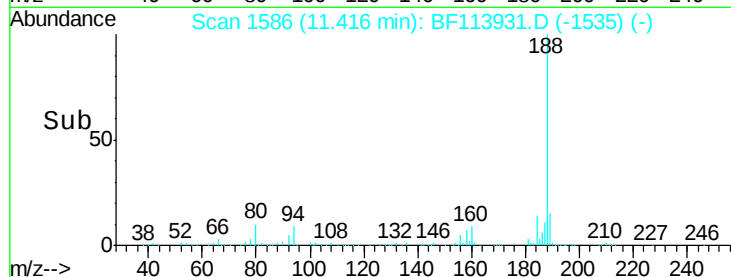


Abundance Ion 188.00 (187.70 to 188.70): E

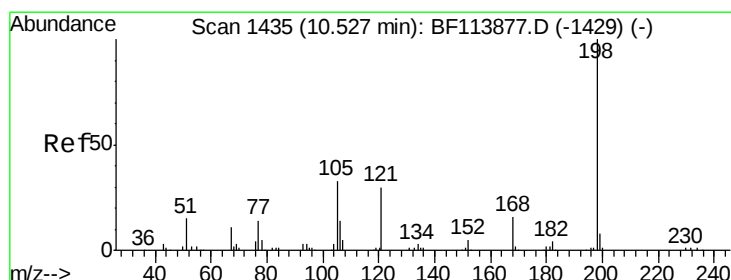
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 7.372 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.14 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

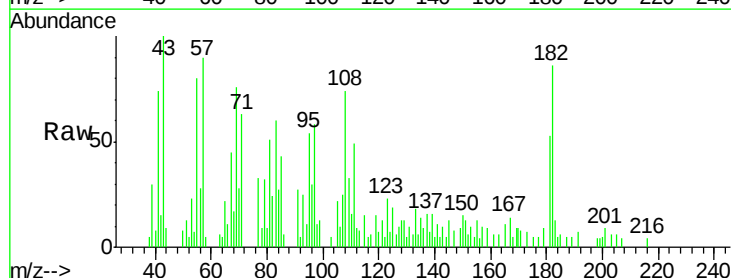
Tgt Ion:198 Resp: 113

Ion Ratio Lower Upper

198 100

51 312.1 11.1 51.1#

105 510.0 20.7 60.7#

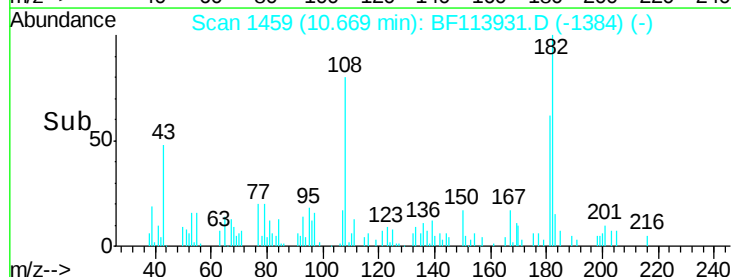


Abundance Ion 198.00 (197.70 to 198.70): E

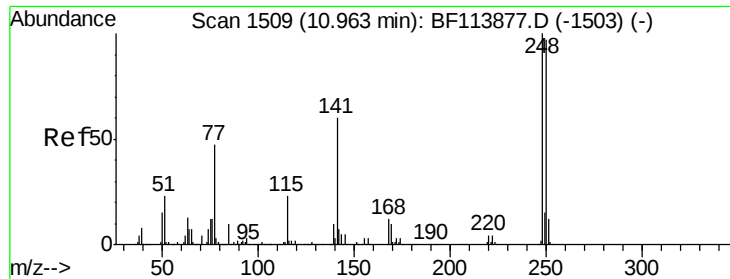
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



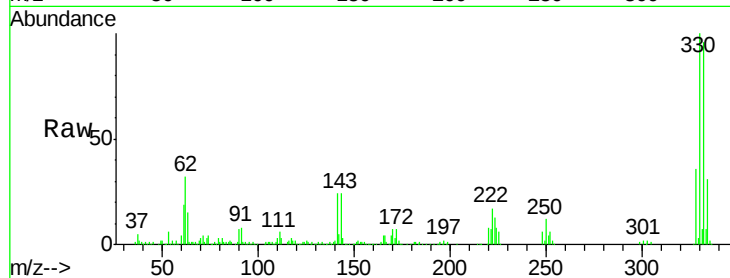
Time-->



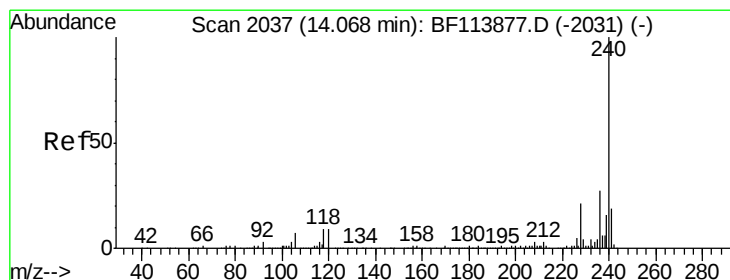
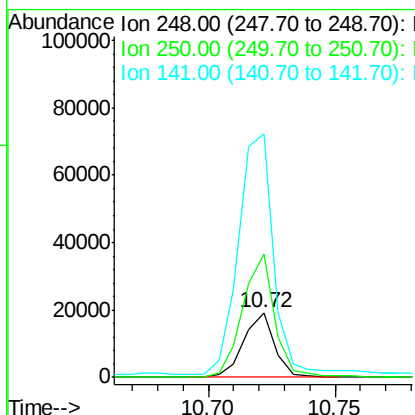
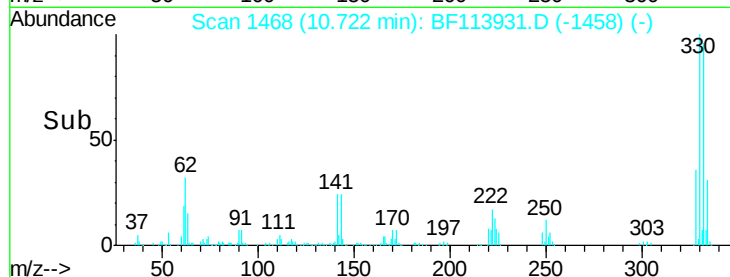
#67
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 16234
Ion Ratio Lower Upper
248 100
250 190.0 75.8 113.6#
141 376.1 50.2 75.4#

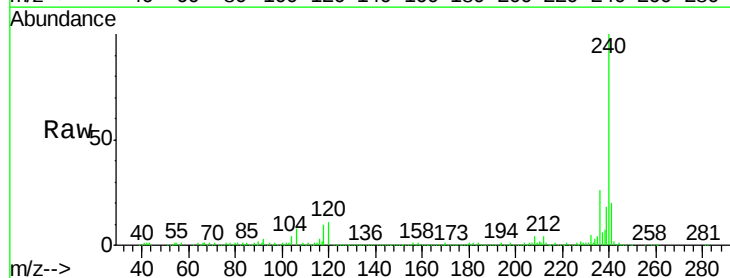


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

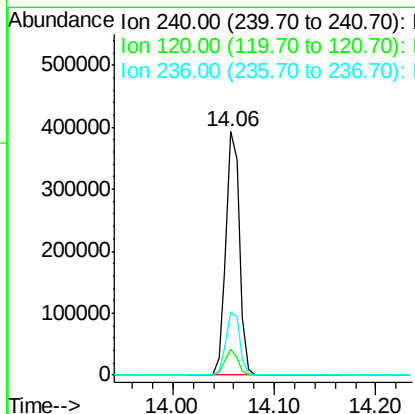
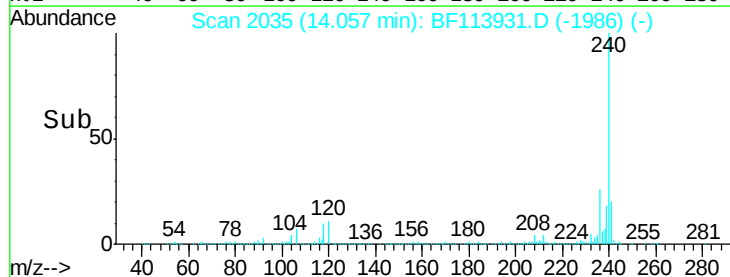


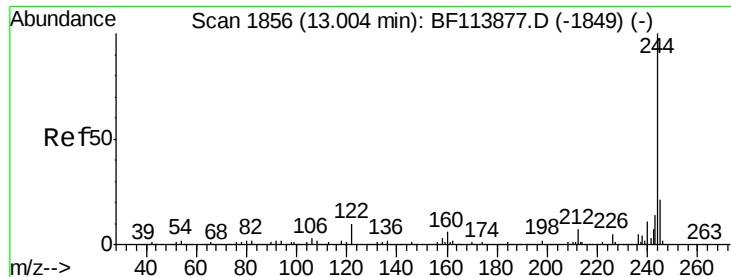
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113931.D
Acq: 23 Apr 2019 20:05

Tgt Ion:240 Resp: 367822
Ion Ratio Lower Upper
240 100
120 10.7 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: 61.372 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

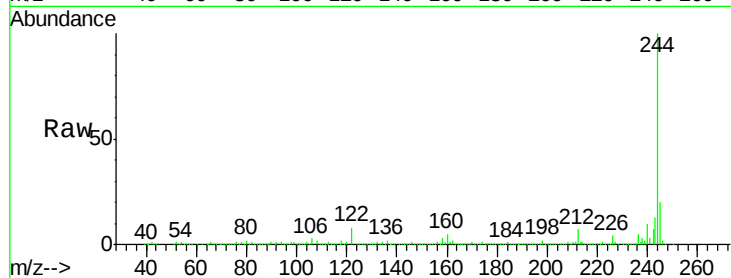
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1101095

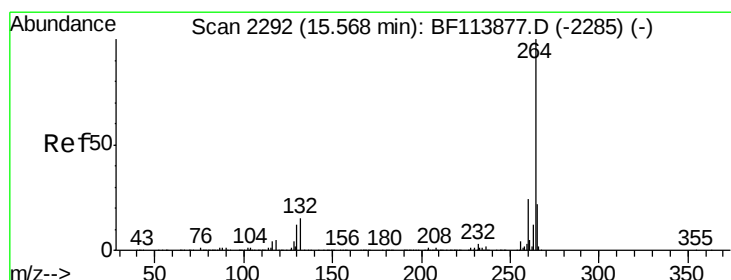
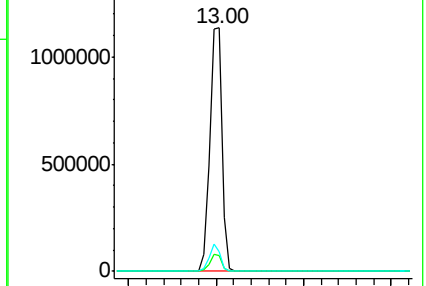
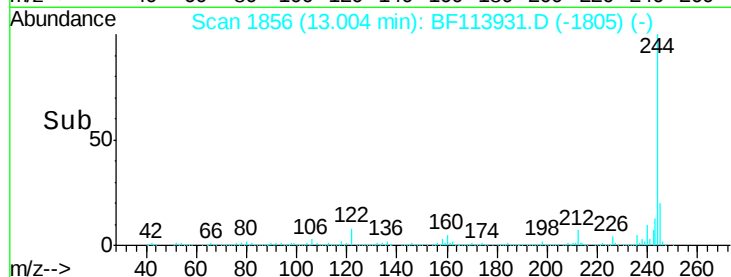
Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	8.3	7.6	11.4



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: 15.56 min Scan# 2290

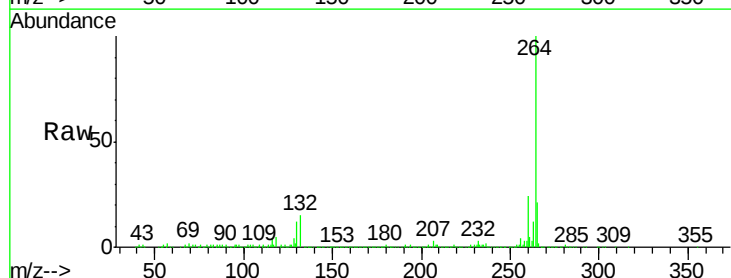
Delta R.T. -0.01 min

Lab File: BF113931.D

Acq: 23 Apr 2019 20:05

Tgt Ion:264 Resp: 324190

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	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

