

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042619\
 Data File : BF114004.D
 Acq On : 26 Apr 2019 12:39
 Operator : JU/SJ
 Sample : PB119084BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119084BL

Quant Time: Apr 26 22:57:48 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

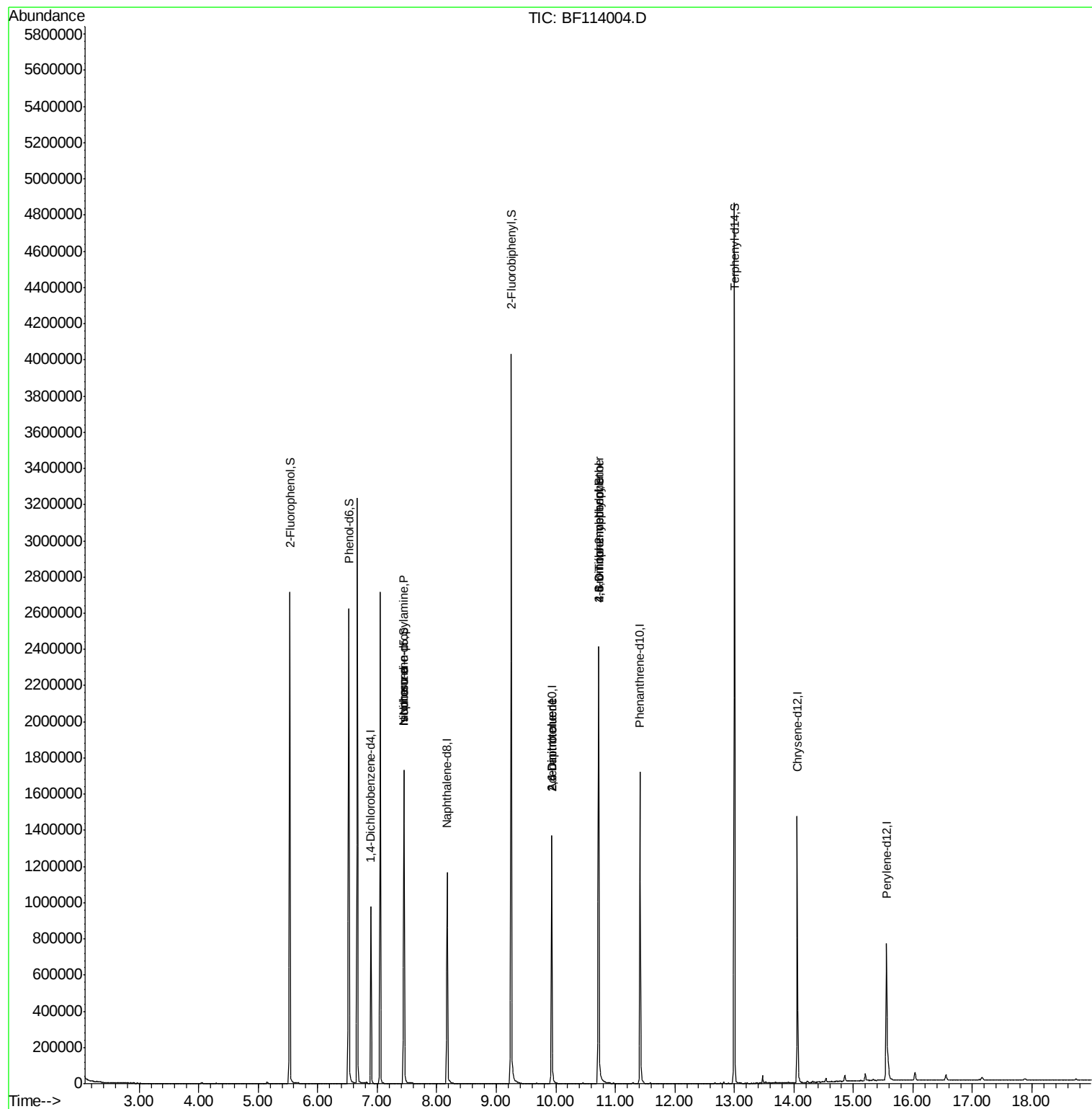
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	161086	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	613063	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	326414	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	672122	20.00	ng	0.00
76) Chrysene-d12	14.06	240	554392	20.00	ng	-0.01
87) Perylene-d12	15.56	264	468624	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	892944	94.81	ng	0.02
7) Phenol-d6	6.53	99	1160515	98.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	710593	71.57	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	389506	97.95	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1493087	71.54	ng	0.00
79) Terphenyl-d14	13.00	244	1850144	68.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	21342	Below Cal		86
19) n-Nitroso-di-n-propylamine	7.45	70	95051	12.421 ng	#	78
25) Isophorone	7.45	82	705659	34.733 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	41509	8.196 ng	#	33
57) 2,4-Dinitrotoluene	9.93	165	41510	6.493 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	518	7.451 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	24934	3.071 ng	#	1

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

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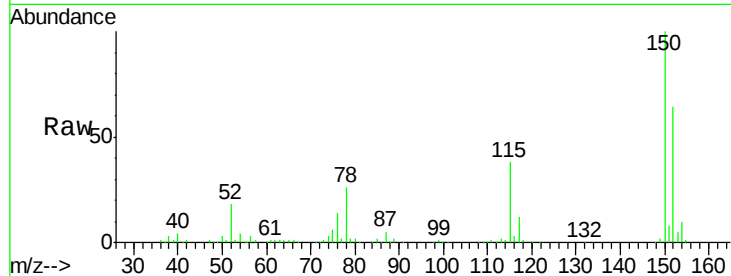


#1

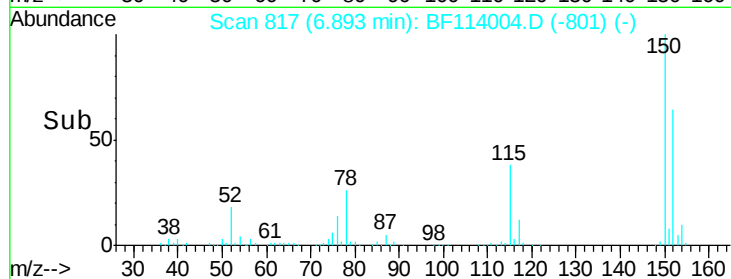
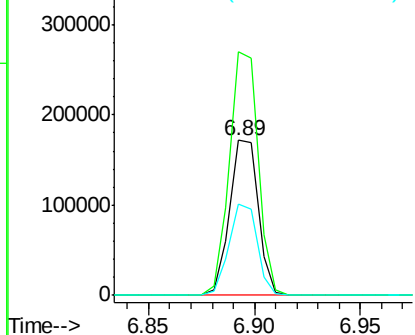
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114004.D
Acq: 26 Apr 2019 12:39

Instrument :
BNA_F
ClientSampleId :
PB119084BL

Tot Ion:152 Resp: 161086
Ion Ratio Lower Upper
152 100
150 156.9 125.9 188.9
115 59.2 45.9 68.9



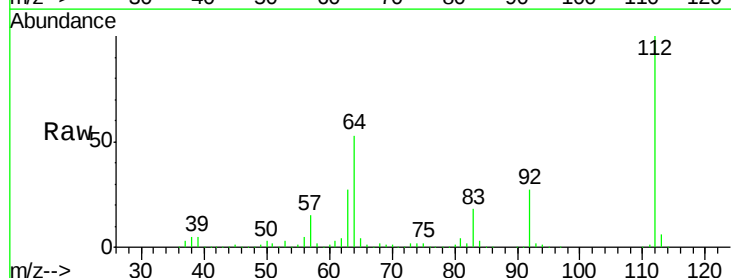
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



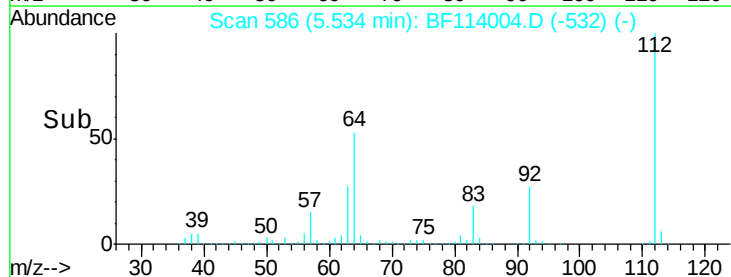
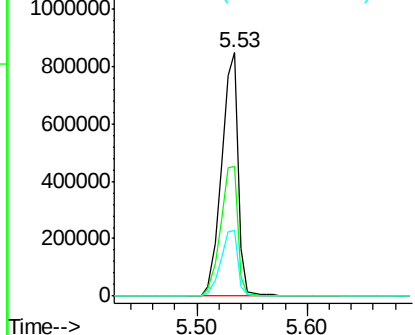
#5

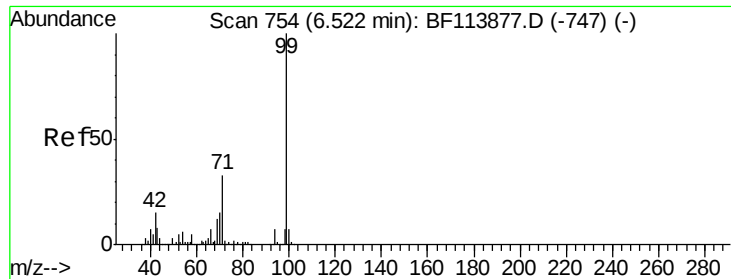
2-Fluorophenol
Concen: 94.810 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF114004.D
Acq: 26 Apr 2019 12:39

Tgt Ion:112 Resp: 892944
Ion Ratio Lower Upper
112 100
64 53.4 46.6 69.8
63 26.9 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: 98.213 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB119084BL

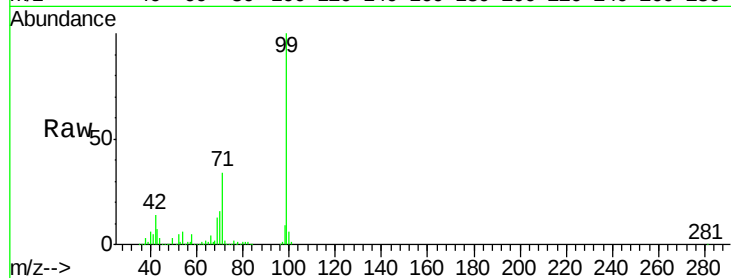
Tot Ion: 99 Resp: 1160515

Ion Ratio Lower Upper

99 100

42 14.4 12.5 18.7

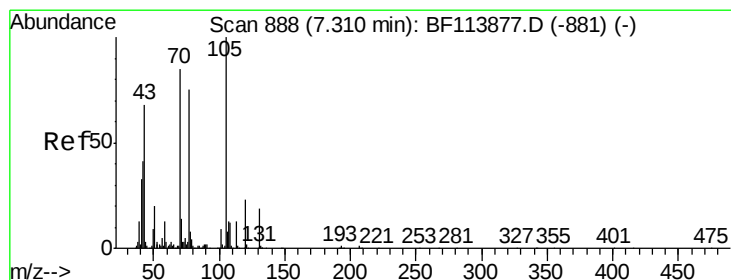
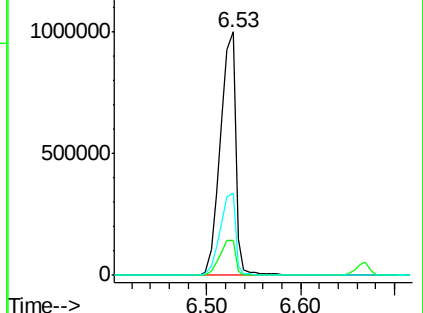
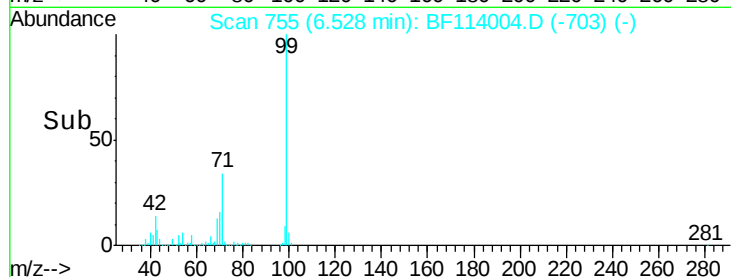
71 33.6 26.9 40.3



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: 12.421 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

Tgt Ion: 70 Resp: 95051

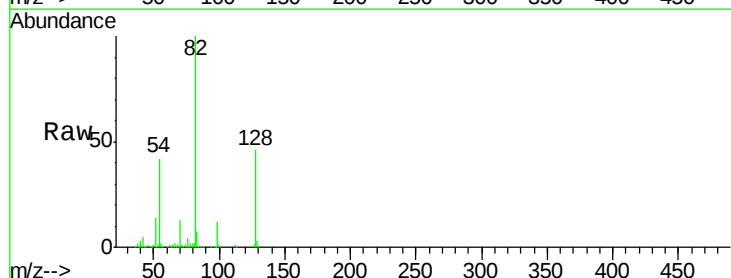
Ion Ratio Lower Upper

70 100

42 38.9 37.3 55.9

101 0.0 7.8 11.8#

130 2.3 18.2 27.2#

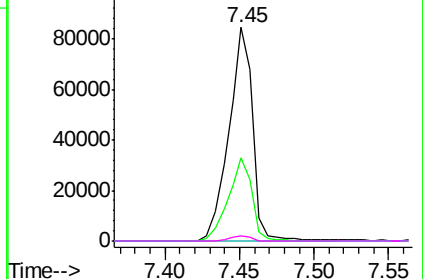
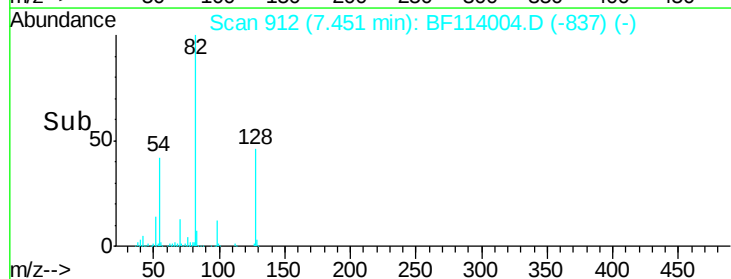


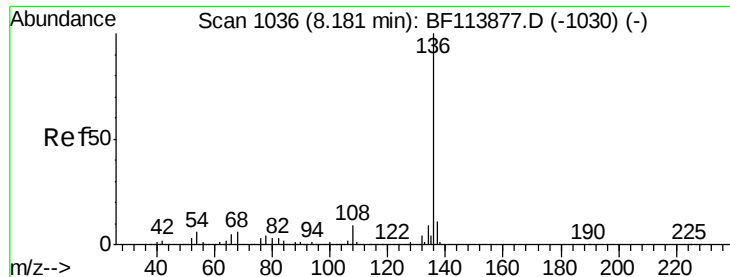
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF114004.D

Acq: 26 Apr 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB119084BL

Tot Ion:136 Resp: 613063

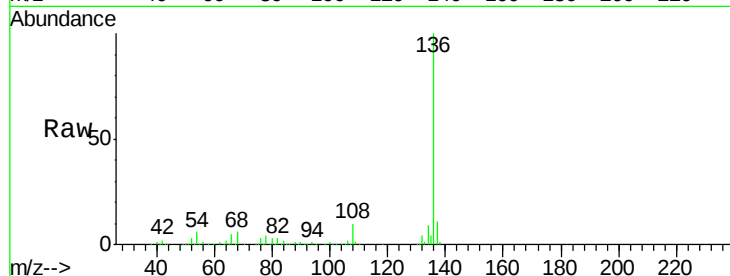
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 6.5 5.0 7.6

68 6.3 4.9 7.3

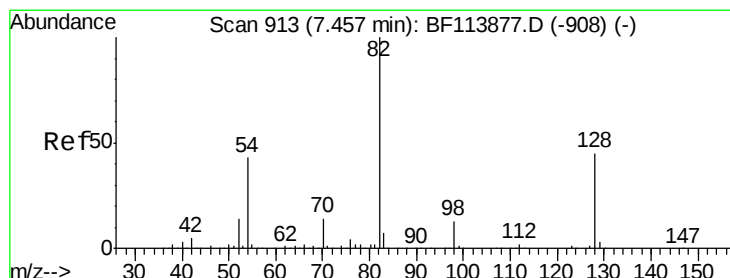
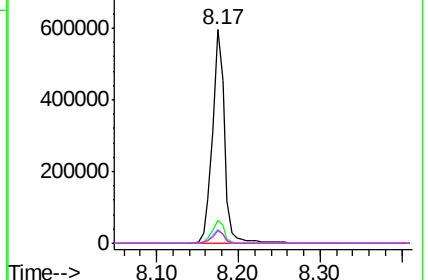
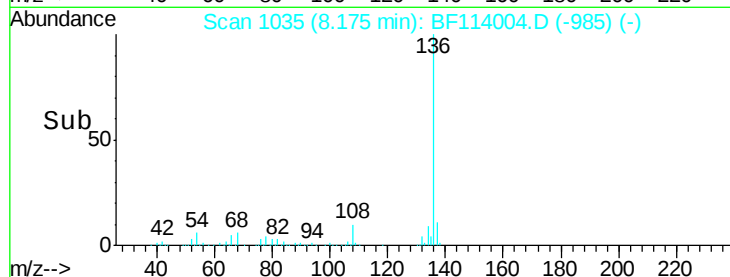


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.567 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

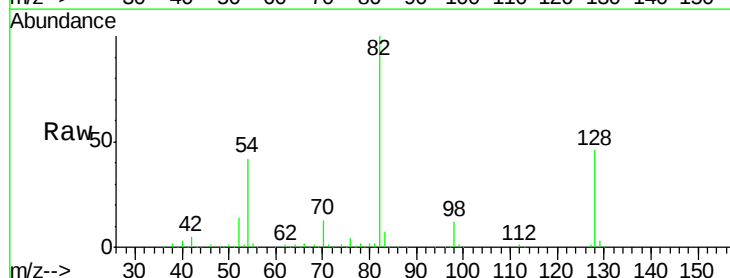
Tgt Ion: 82 Resp: 710593

Ion Ratio Lower Upper

82 100

128 46.0 36.8 55.2

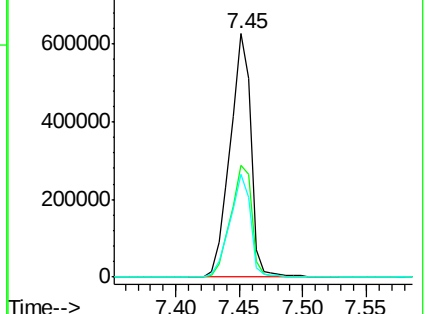
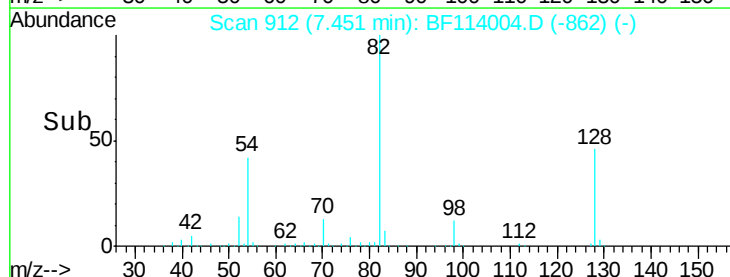
54 42.3 33.8 50.6



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: 34.733 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB119084BL

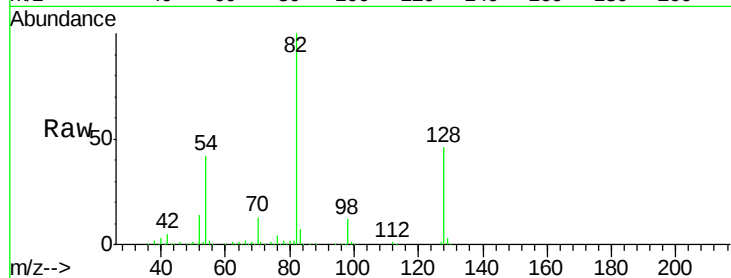
Tot Ion: 82 Resp: 705659

Ion Ratio Lower Upper

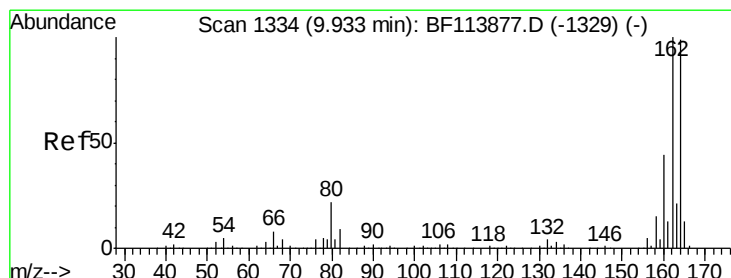
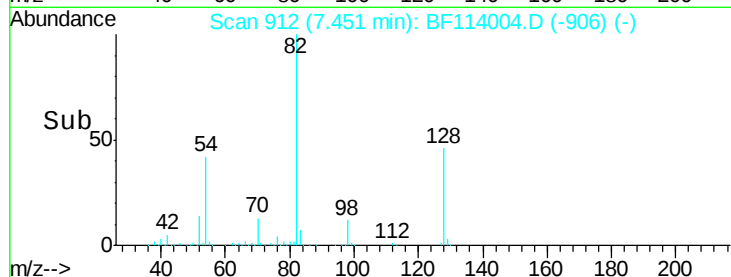
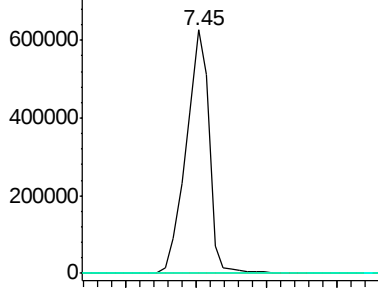
82 100

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: BF114004.D

Acq: 26 Apr 2019 12:39

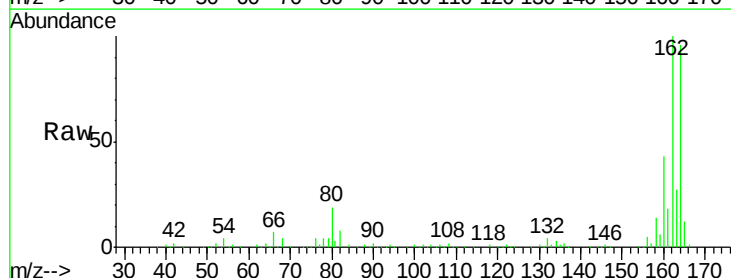
Tgt Ion:164 Resp: 326414

Ion Ratio Lower Upper

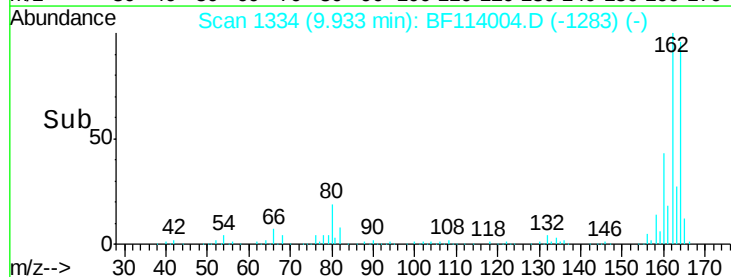
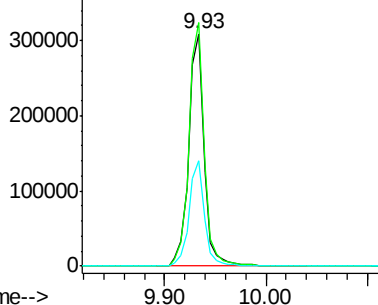
164 100

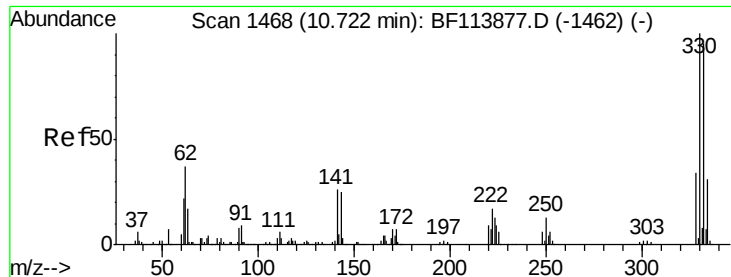
162 104.7 81.1 121.7

160 45.3 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

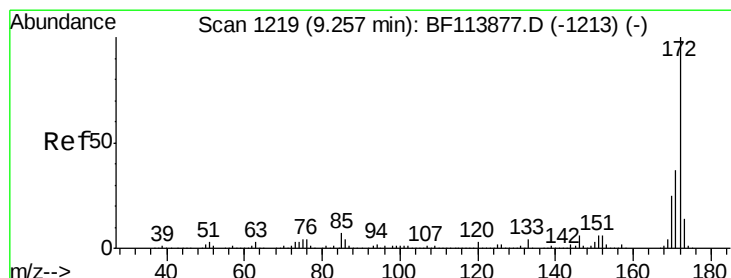
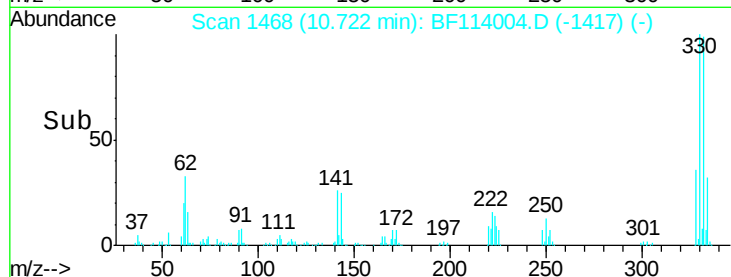
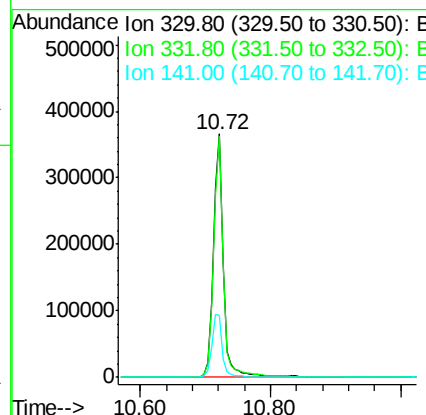
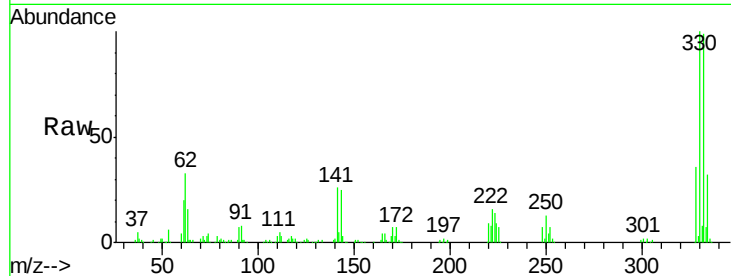




#42
 2,4,6-Tribromophenol
 Concen: 97.955 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF114004.D
 Acq: 26 Apr 2019 12:39

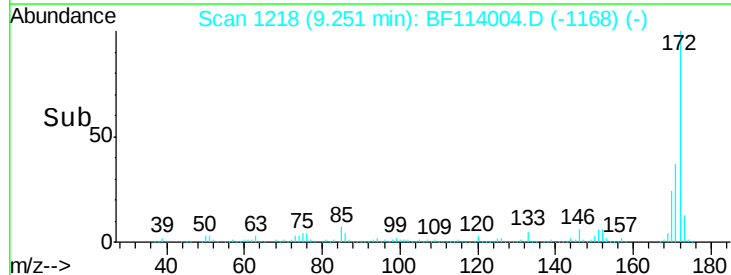
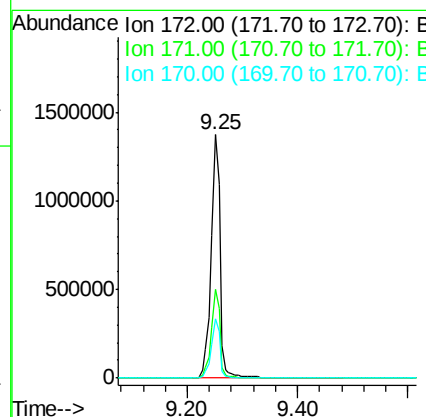
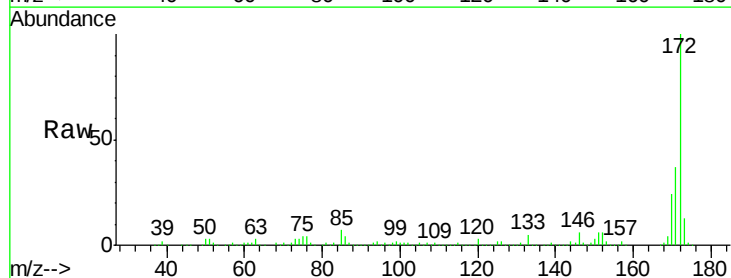
Instrument :
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 PB119084BL

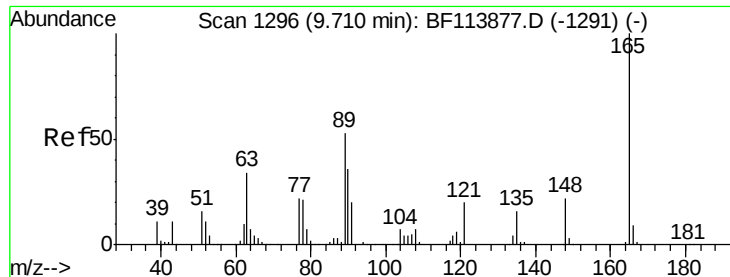
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.5	116.3
141	27.5	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 71.542 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF114004.D
 Acq: 26 Apr 2019 12:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.2	19.9	29.9

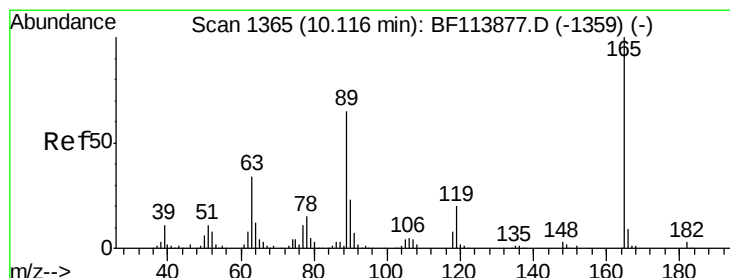
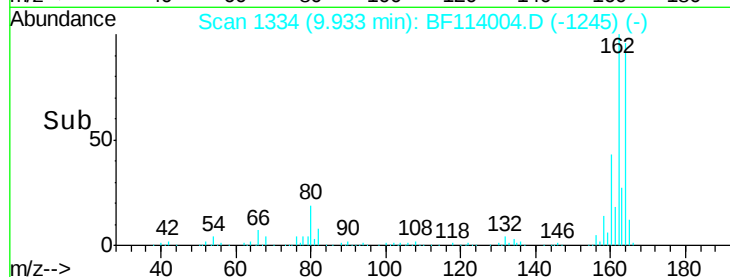
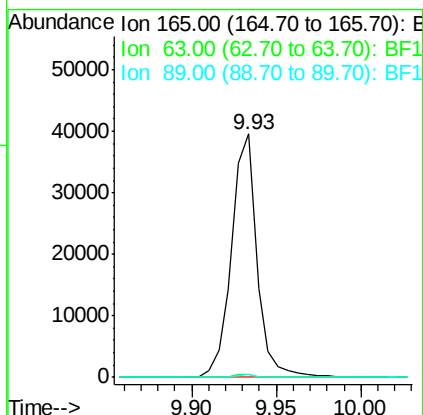
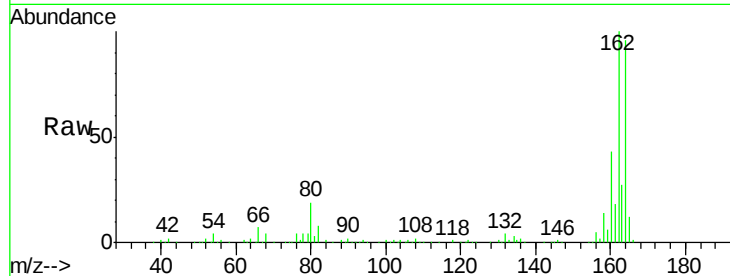




#51
 2,6-Dinitrotoluene
 Concen: 8.196 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.22 min
 Lab File: BF114004.D
 Acq: 26 Apr 2019 12:39

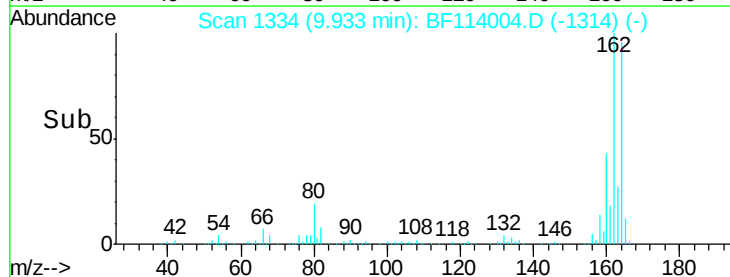
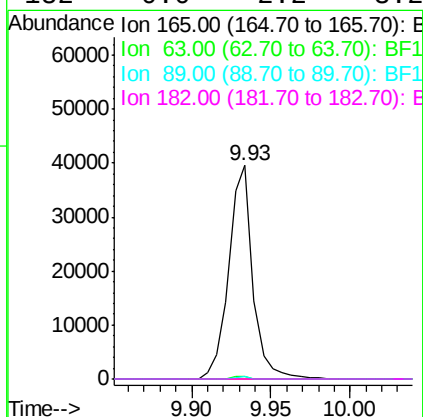
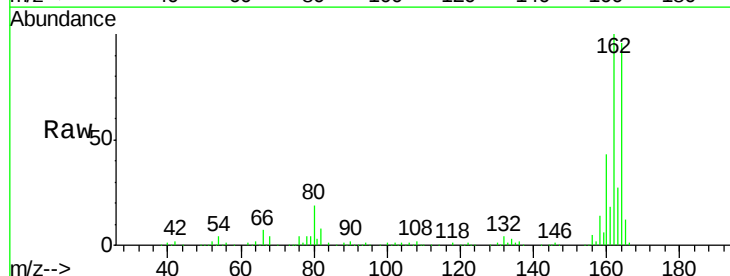
Instrument :
 BNA_F
 ClientSampleId :
 PB119084BL

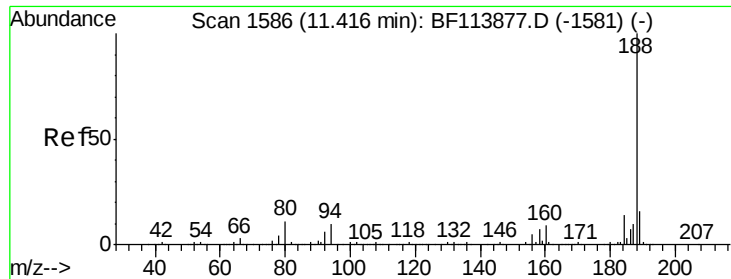
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	33.8	50.8#
89	1.4	38.2	57.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.493 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF114004.D
 Acq: 26 Apr 2019 12:39

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.00 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB119084BL

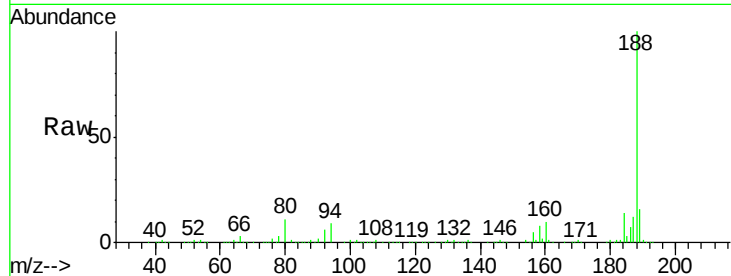
Tot Ion:188 Resp: 672122

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

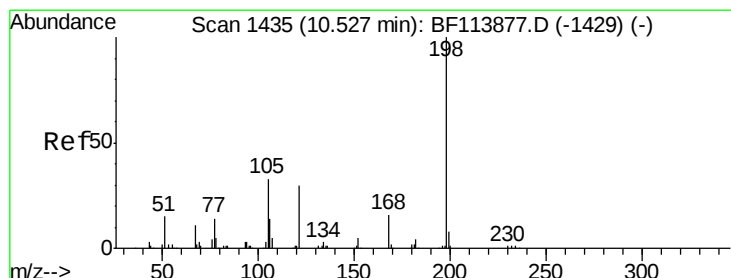
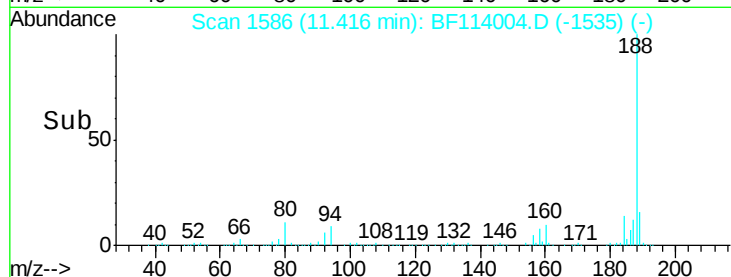
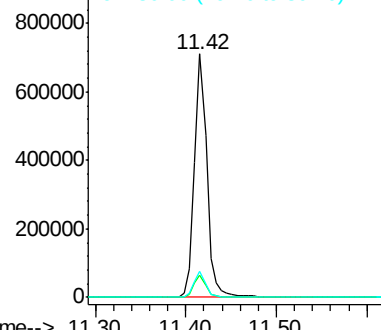
80 10.8 9.0 13.6



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: 7.451 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

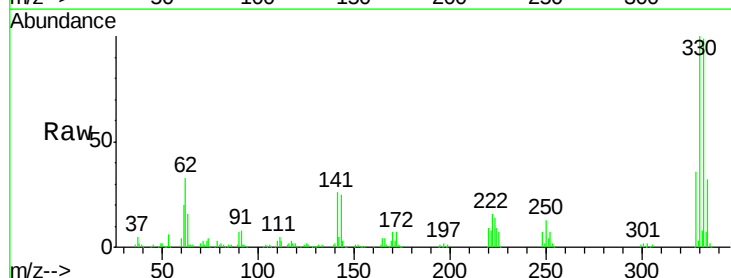
Tgt Ion:198 Resp: 518

Ion Ratio Lower Upper

198 100

51 158.1 11.1 51.1#

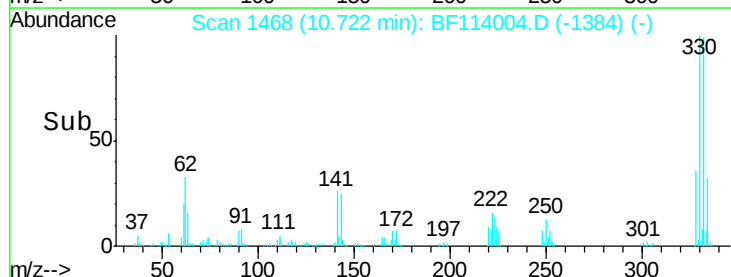
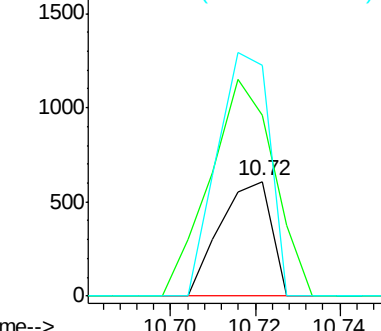
105 200.7 20.7 60.7#

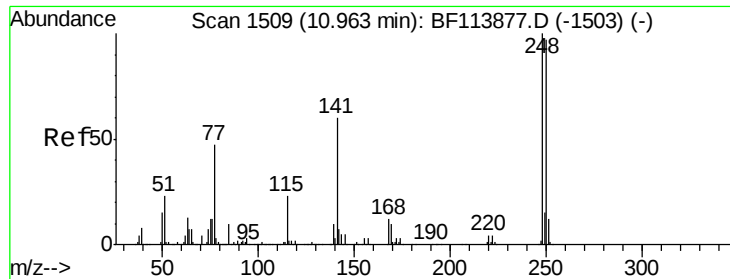


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

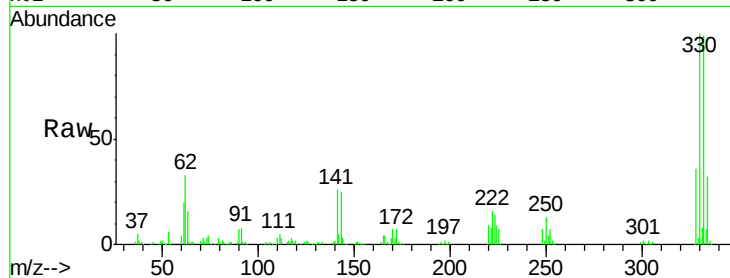




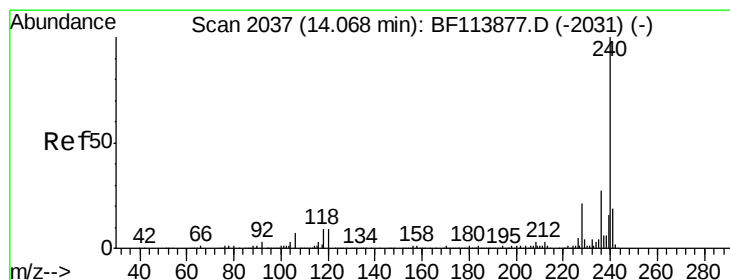
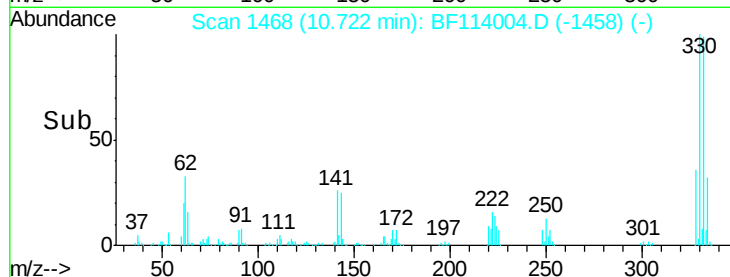
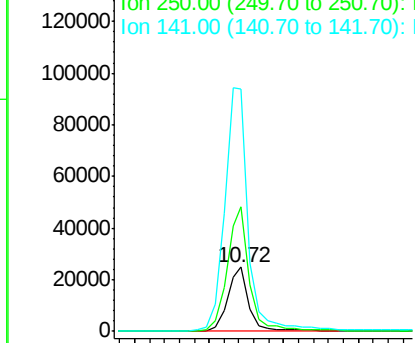
#67
4-Bromophenyl-phenylether
Concen: 3.071 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF114004.D
Acq: 26 Apr 2019 12:39

Instrument :
BNA_F
ClientSampleId :
PB119084BL

Tot Ion:248 Resp: 24934
Ion Ratio Lower Upper
248 100
250 194.5 75.8 113.6#
141 378.8 50.2 75.4#

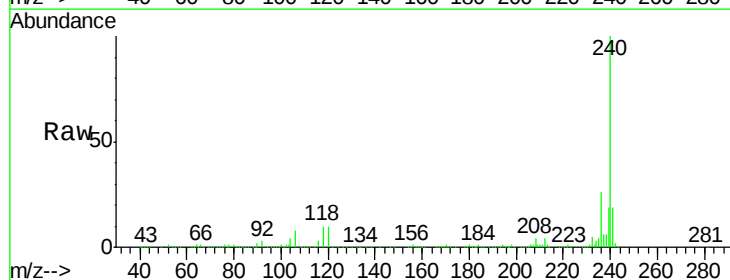


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

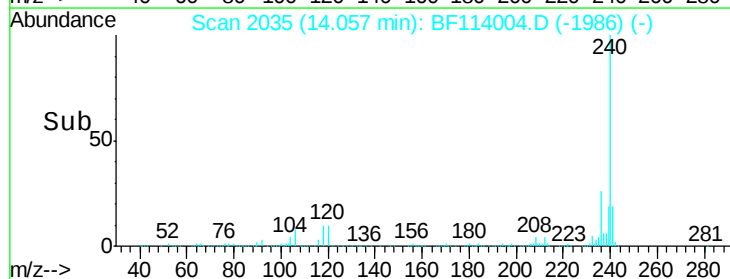
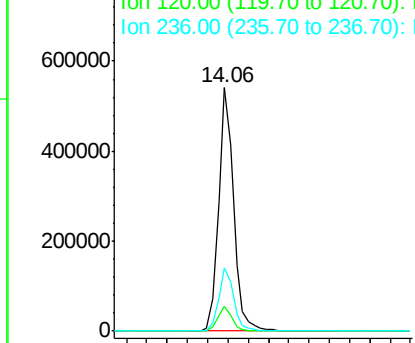


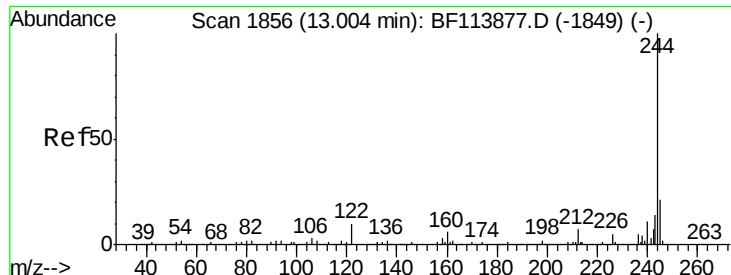
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF114004.D
Acq: 26 Apr 2019 12:39

Tgt Ion:240 Resp: 554392
Ion Ratio Lower Upper
240 100
120 10.4 9.3 13.9
236 26.2 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: 68.418 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114004.D

Acq: 26 Apr 2019 12:39

Instrument :

BNA_F

ClientSampleId :

PB119084BL

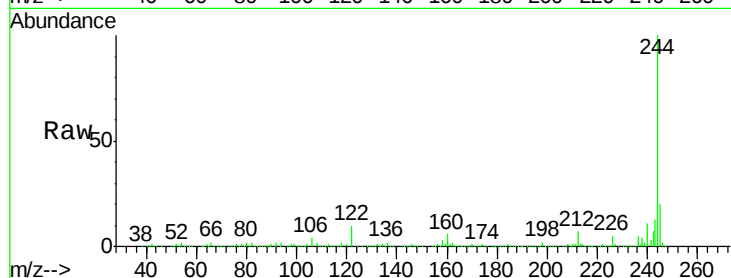
Tot Ion:244 Resp: 1850144

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

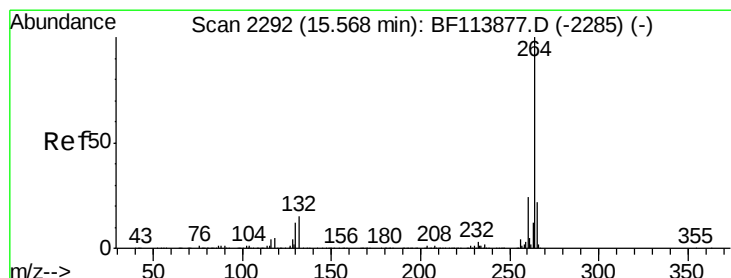
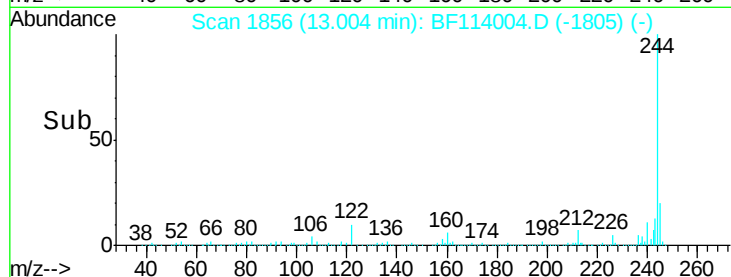
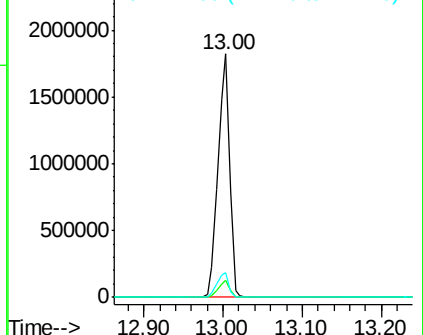
122 10.2 7.6 11.4



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: BF114004.D

Acq: 26 Apr 2019 12:39

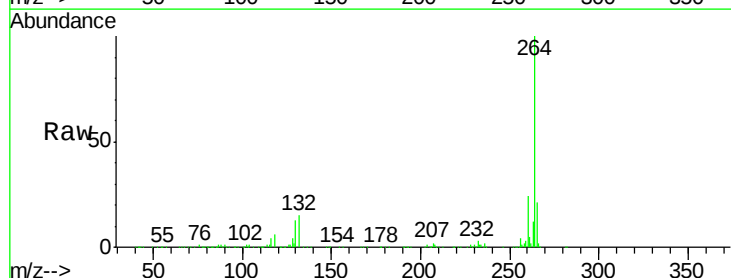
Tgt Ion:264 Resp: 468624

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 21.0 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

