

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111848.D
 Acq On : 4 Jan 2019 16:52
 Operator : JU/SJ
 Sample : K1017-17RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 23:30:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

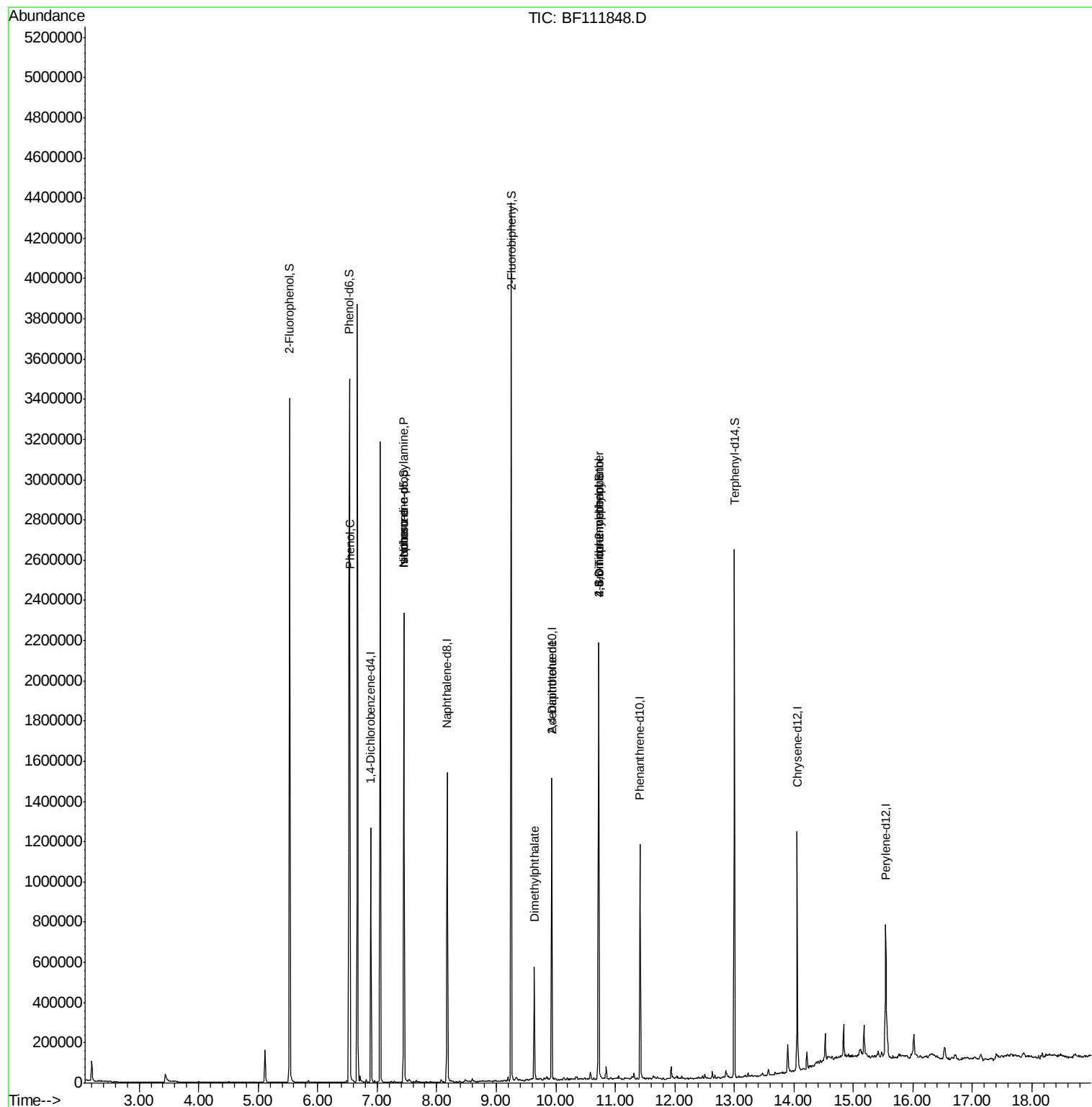
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	170709	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	638239	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	282125	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	407031	20.00	ng	0.00
76) Chrysene-d12	14.06	240	365947	20.00	ng	0.00
87) Perylene-d12	15.54	264	304408	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	892744	89.14	ng	0.01
7) Phenol-d6	6.53	99	1176838	92.33	ng	0.01
23) Nitrobenzene-d5	7.45	82	709598	64.72	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	272055	81.61	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1271302	65.68	ng	0.00
79) Terphenyl-d14	13.00	244	897846	46.53	ng	0.00
Target Compounds						
10) Phenol	6.55	94	62723	4.362	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	96537	11.405	ng	# 76
25) Isophorone	7.45	82	707855	36.364	ng	# 64
50) Dimethylphthalate	9.64	163	201240	9.754	ng	97
57) 2,4-Dinitrotoluene	9.93	165	37145	7.513	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	449	6.923	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	15912	3.152	ng	# 1

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

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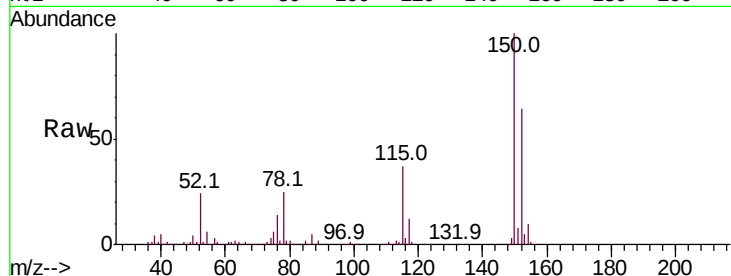


#1

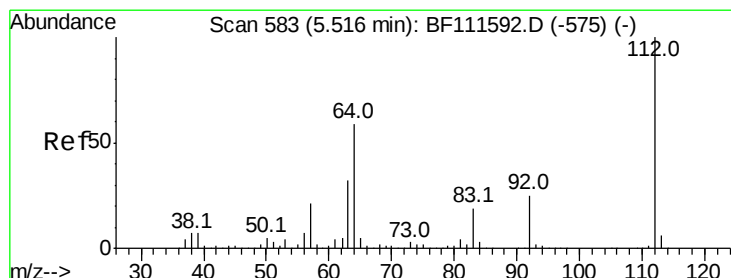
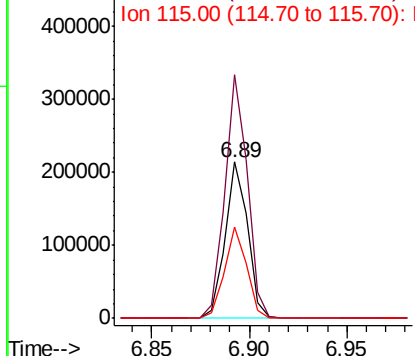
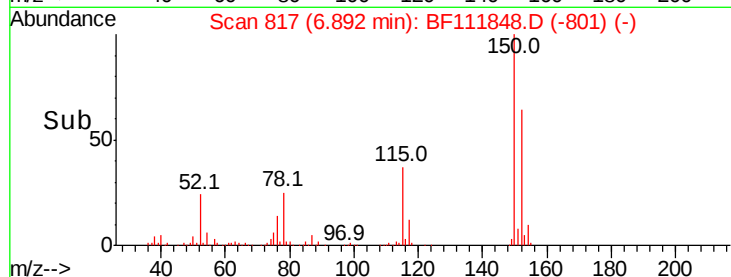
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 170709
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 58.1 50.7 76.1



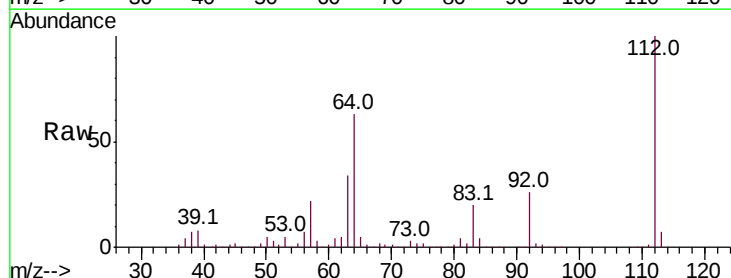
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



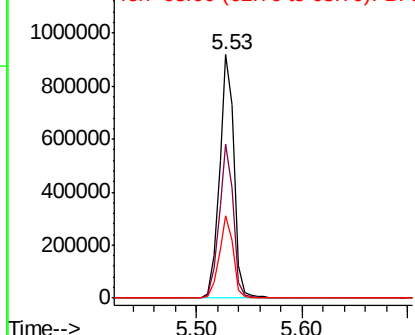
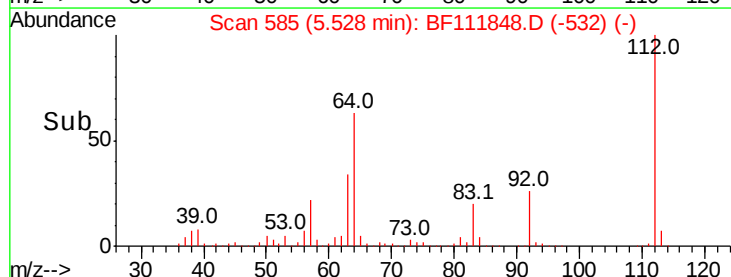
#5

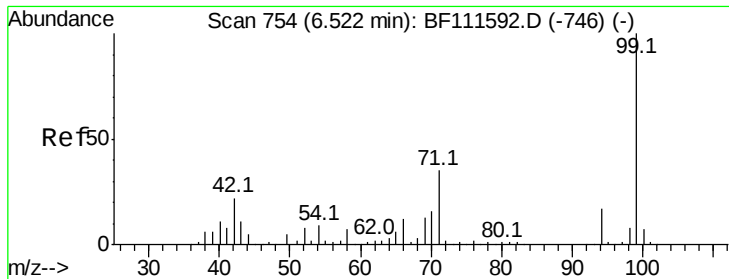
2-Fluorophenol
Concen: 89.141 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tgt Ion:112 Resp: 892744
Ion Ratio Lower Upper
112 100
64 63.3 51.8 77.6
63 34.1 26.8 40.2



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: 92.333 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

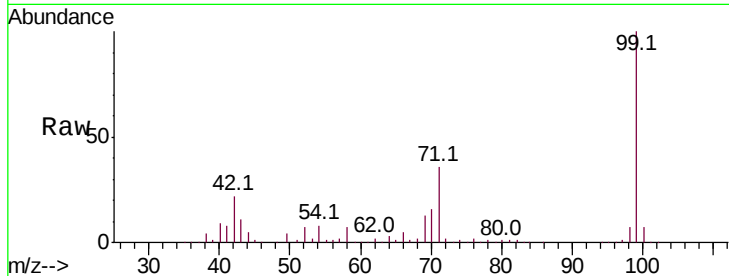
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 1176838

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	36.1	26.1	39.1

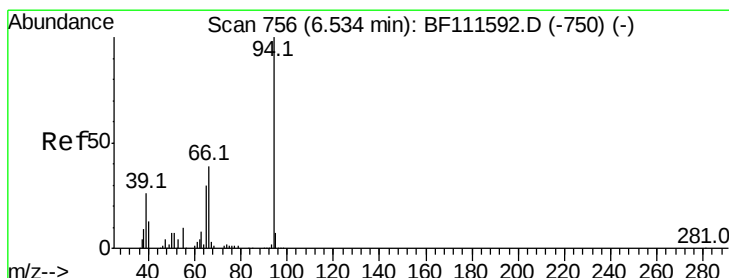
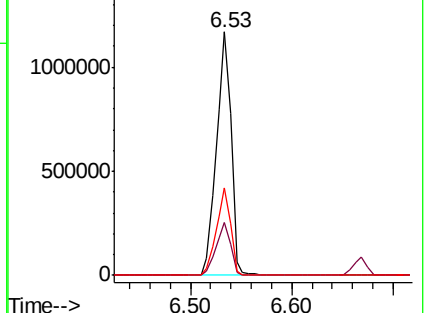
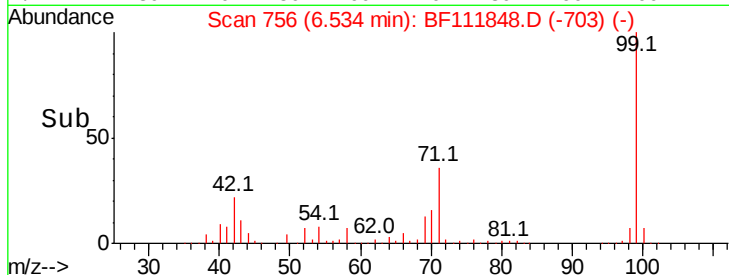


Abundance

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



#10

Phenol

Concen: 4.362 ng

RT: 6.55 min Scan# 758

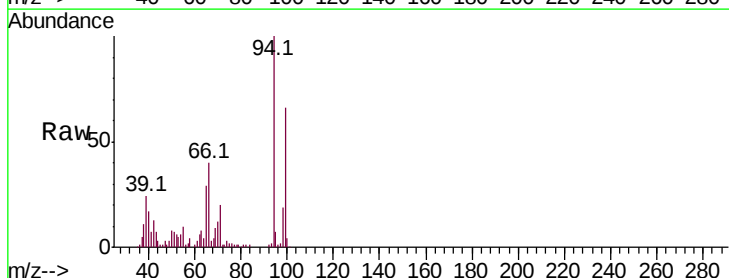
Delta R.T. 0.01 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

Tgt Ion: 94 Resp: 62723

Ion	Ratio	Lower	Upper
94	100		
65	28.9	11.7	51.7
66	40.1	21.0	61.0

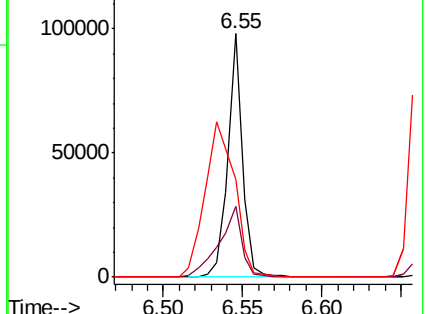
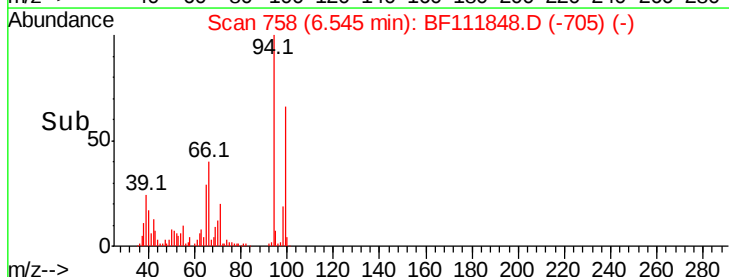


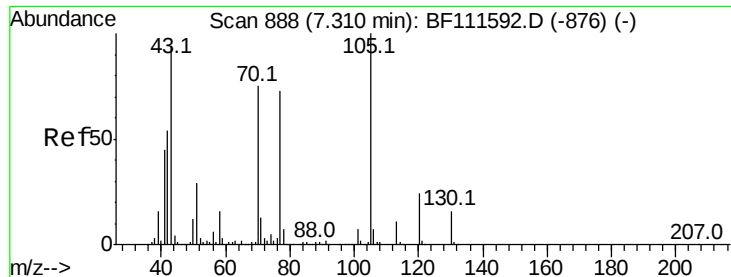
Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 11.405 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 96537

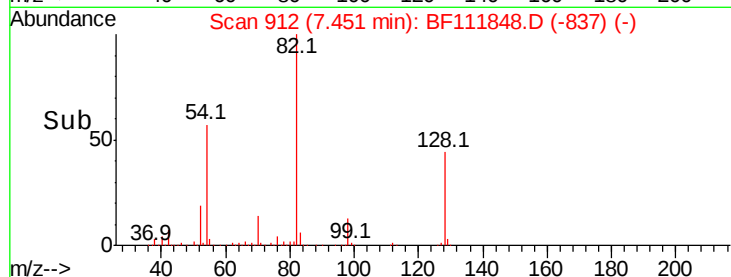
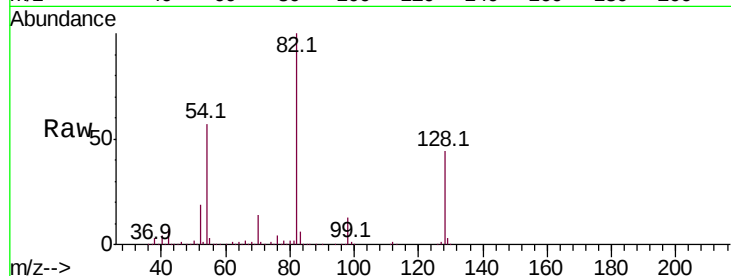
Ion Ratio Lower Upper

70 100

42 52.9 53.2 79.8#

101 0.0 8.2 12.4#

130 2.2 18.1 27.1#

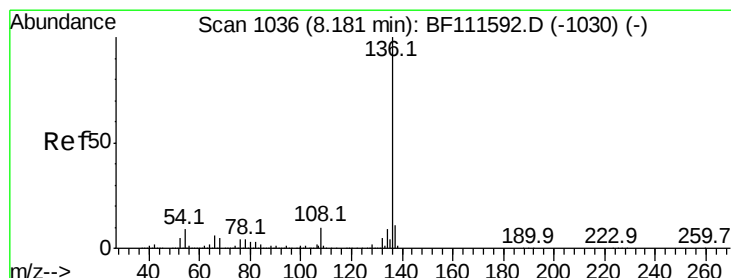
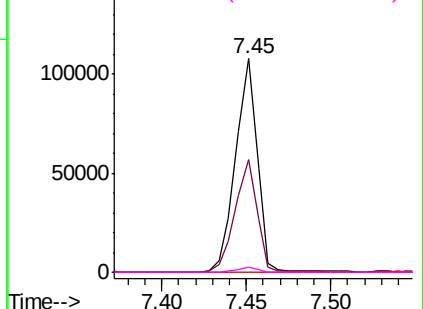


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF111848.D

Acq: 4 Jan 2019 16:52

Tgt Ion: 136 Resp: 638239

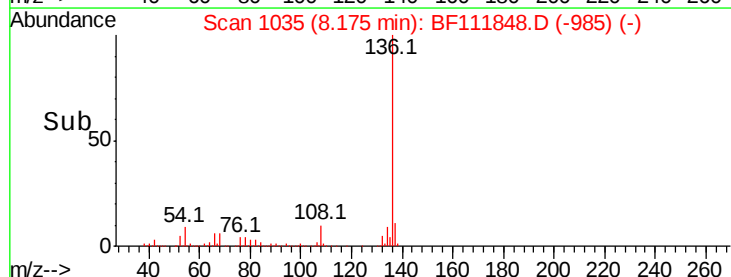
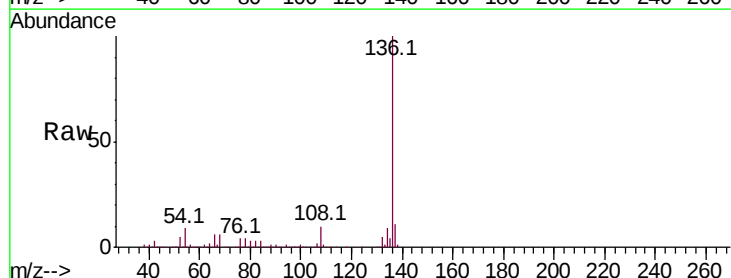
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 9.0 7.7 11.5

68 5.8 4.9 7.3

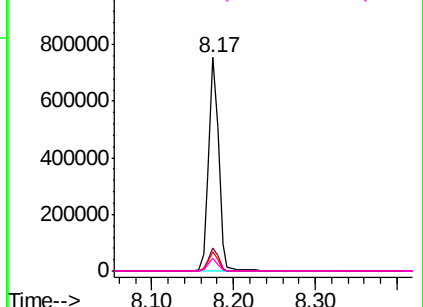


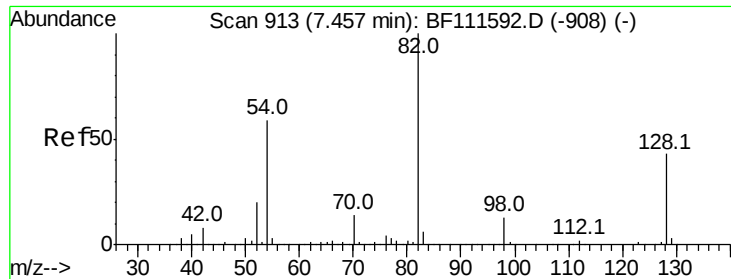
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

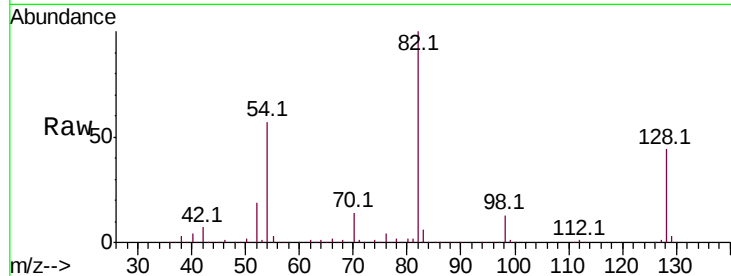




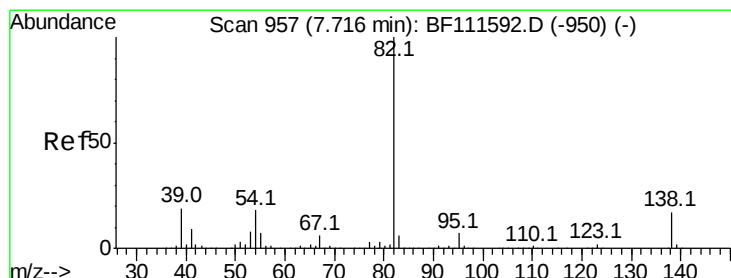
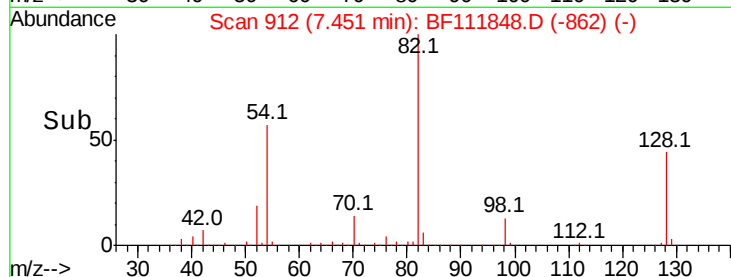
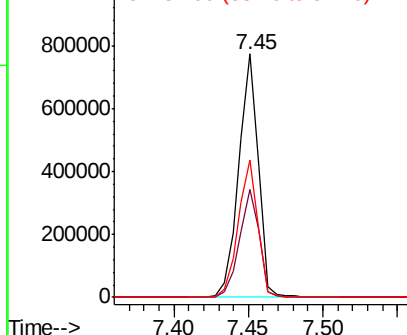
#23
Nitrobenzene-d5
Concen: 64.716 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 709598
Ion Ratio Lower Upper
82 100
128 44.2 37.4 56.2
54 56.6 47.6 71.4

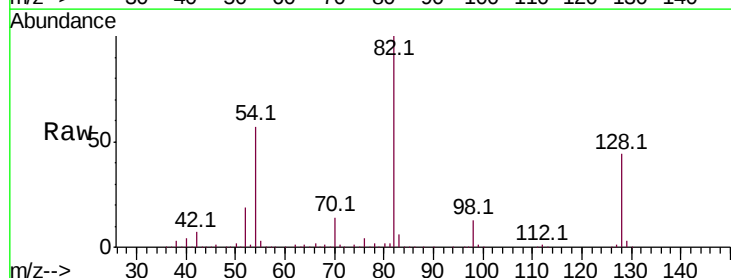


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

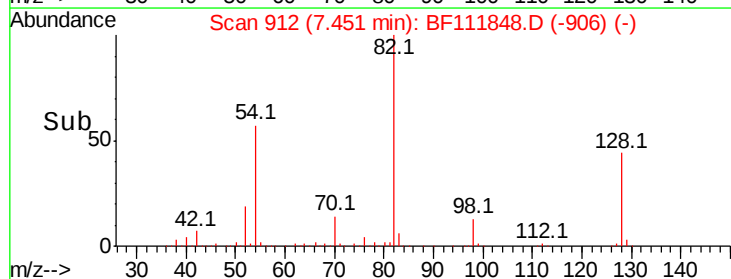
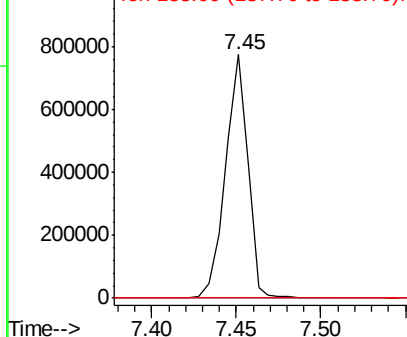


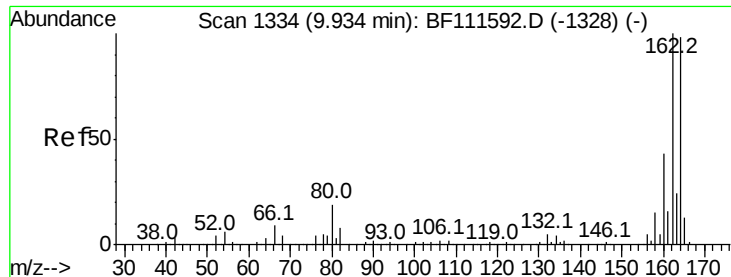
#25
Isophorone
Concen: 36.364 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tgt Ion: 82 Resp: 707855
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#



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

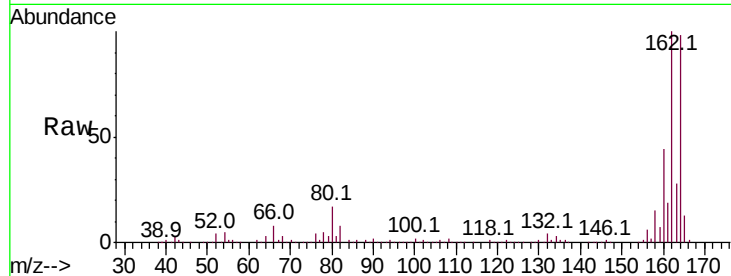




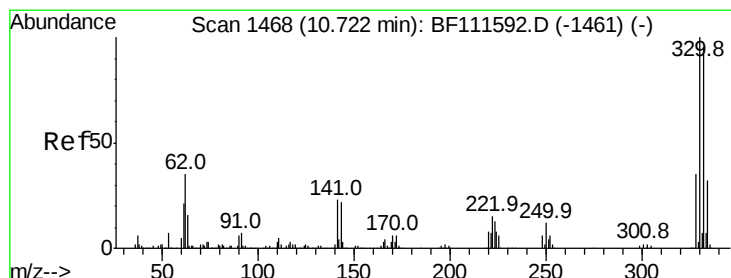
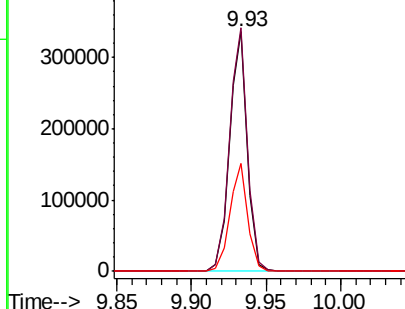
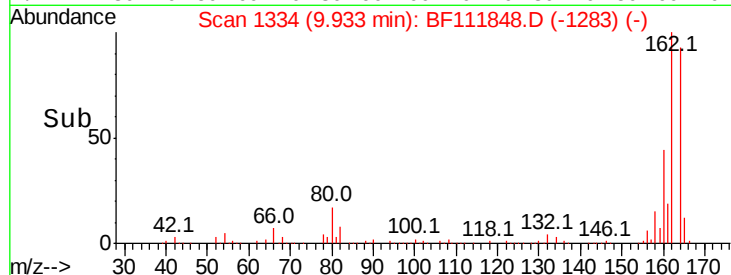
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.1	35.7	53.5

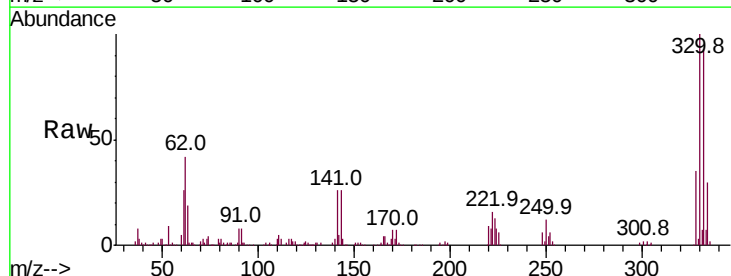


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

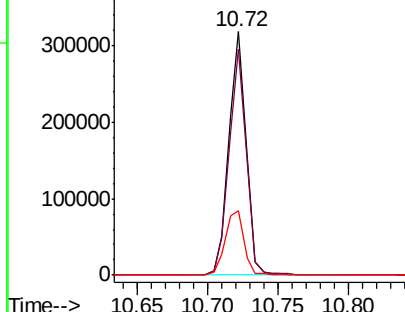
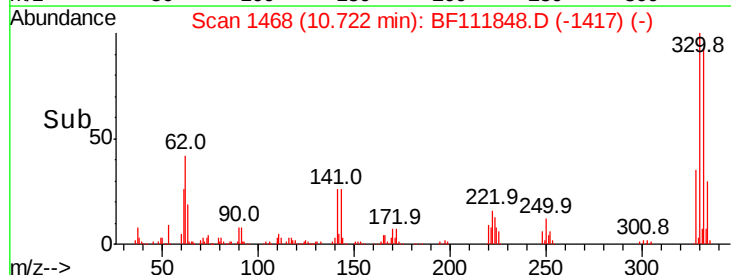


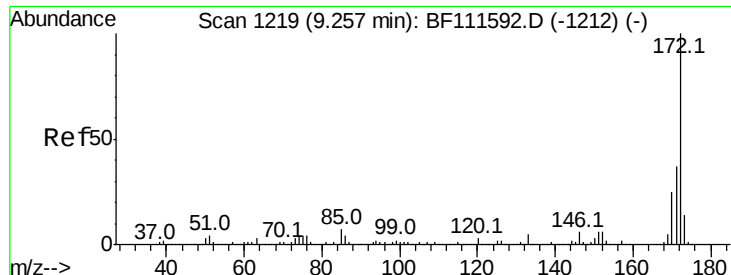
#42
2,4,6-Tribromophenol
Concen: 81.612 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	93.2	76.0	114.0
141	29.4	31.0	46.6#



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



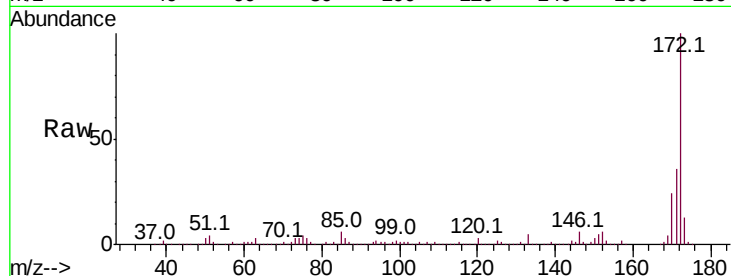


#45
 2-Fluorobiphenyl
 Concen: 65.681 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

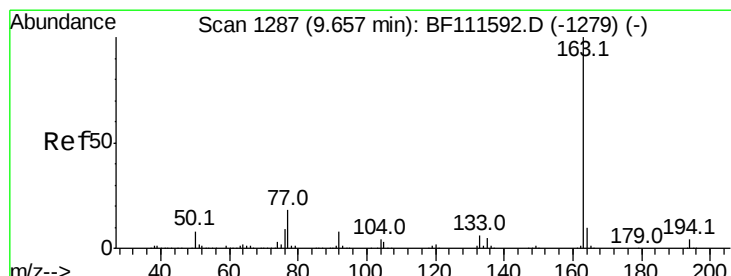
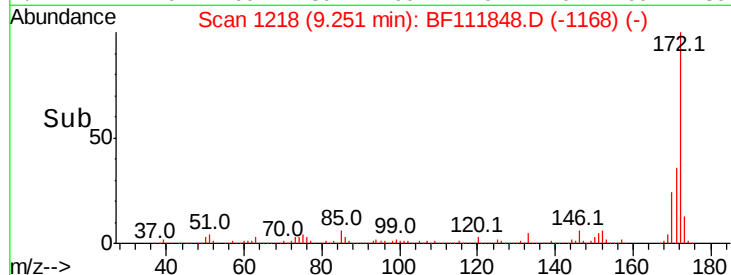
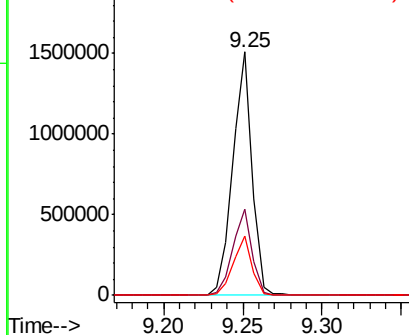
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1271302

Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	24.3	22.3	33.5



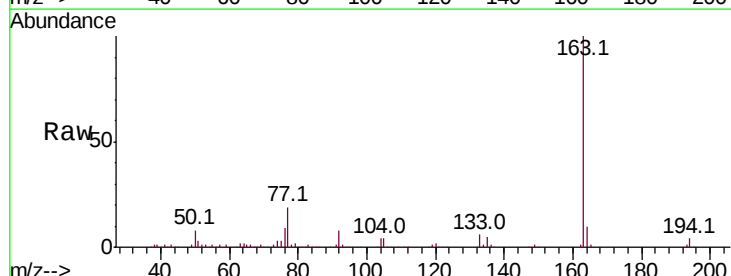
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



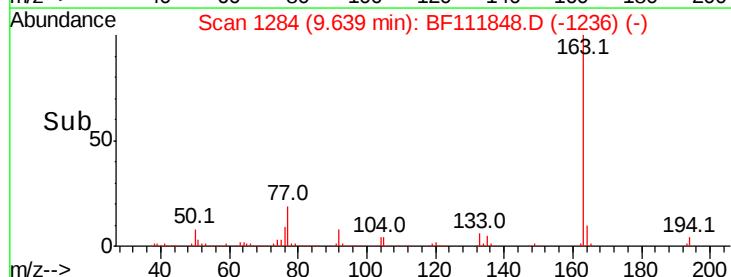
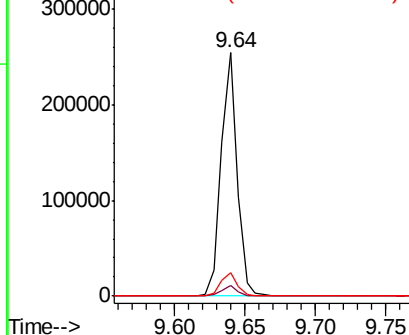
#50
 Dimethylphthalate
 Concen: 9.754 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. -0.02 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

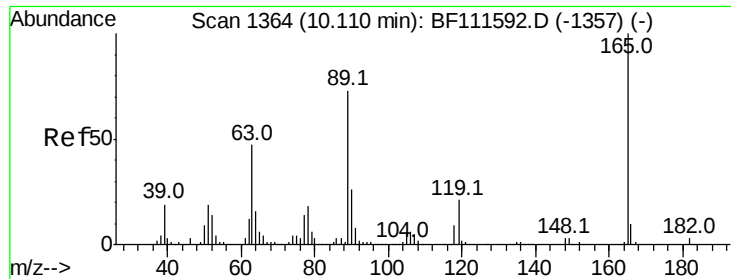
Tgt Ion:163 Resp: 201240

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	9.8	8.9	13.3



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

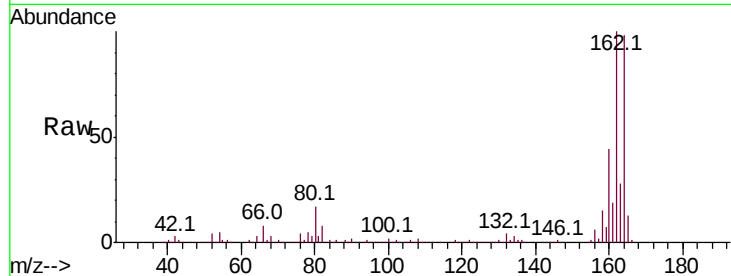




#57
 2,4-Dinitrotoluene
 Concen: 7.513 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.6	52.0#
89	1.4	56.2	84.4#
182	0.0	1.8	2.6#

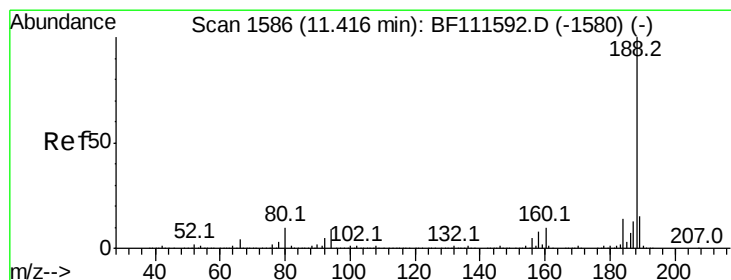
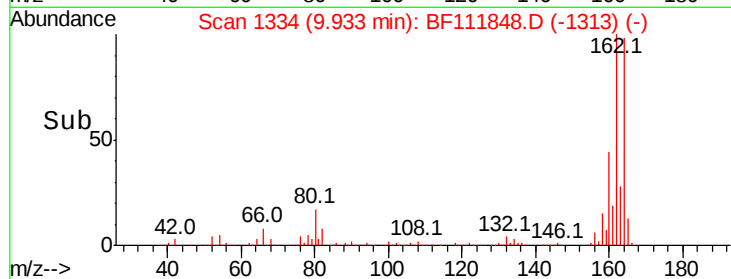
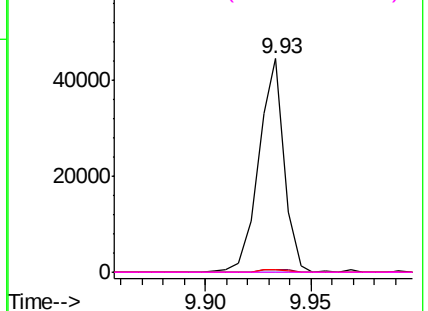


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

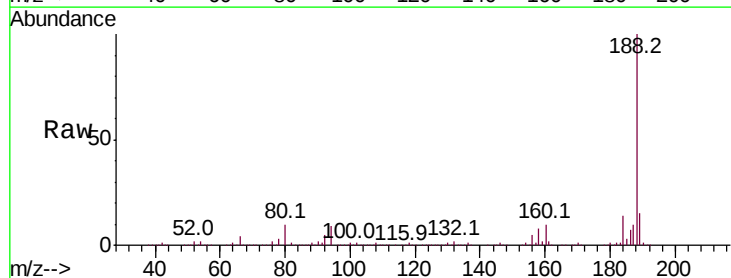
Ion 89.00 (88.70 to 89.70): BF1

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: BF111848.D
 Acq: 4 Jan 2019 16:52

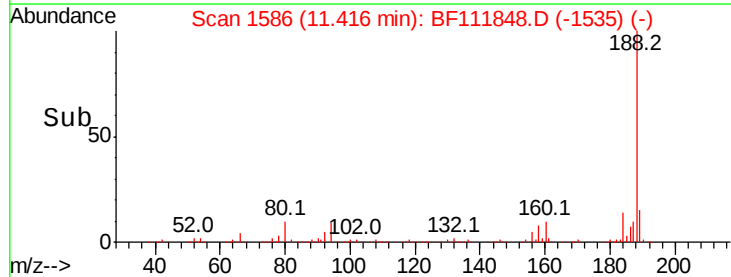
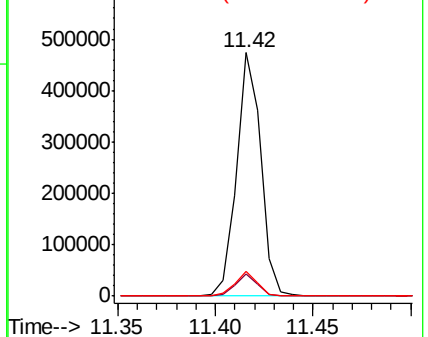
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.6	14.4#
80	10.3	9.8	14.6

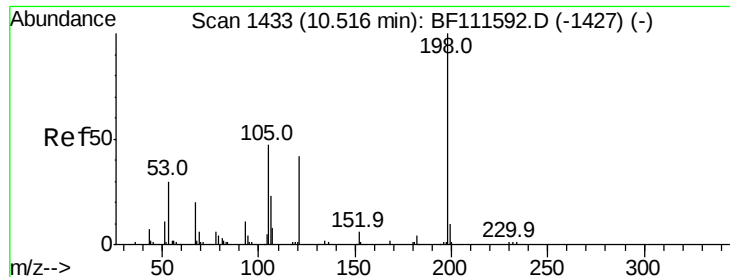


Abundance Ion 188.00 (187.70 to 188.70): E

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: 6.923 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.21 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

Instrument :

BNA_G

ClientSampleId :

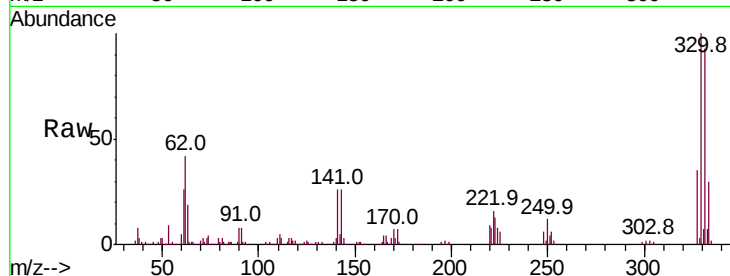
Tot Ion:198 Resp: 449

Ion Ratio Lower Upper

198 100

51 158.1 48.0 88.0#

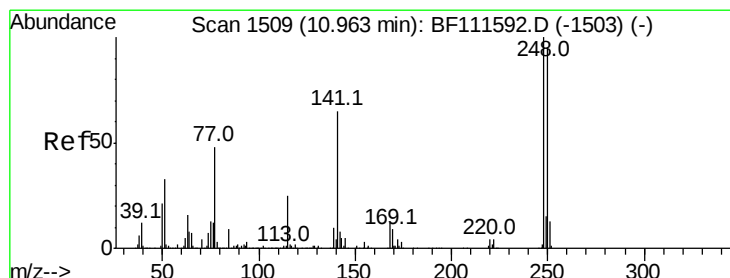
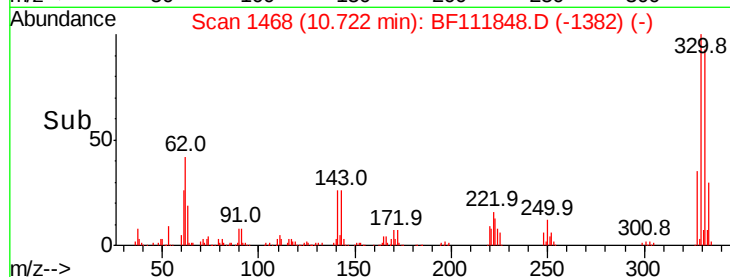
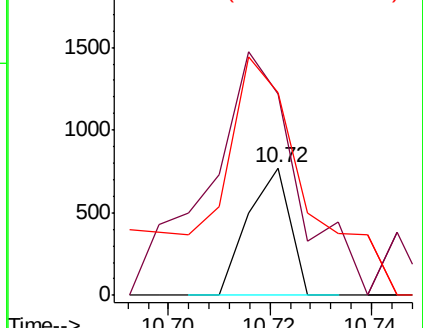
105 158.7 34.0 74.0#



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: 3.152 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.24 min

Lab File: BF111848.D

Acq: 4 Jan 2019 16:52

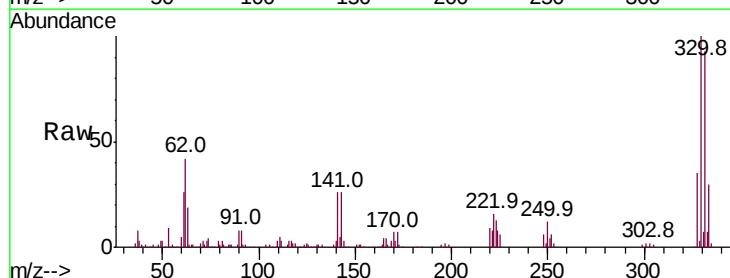
Tgt Ion:248 Resp: 15912

Ion Ratio Lower Upper

248 100

250 199.6 77.0 115.4#

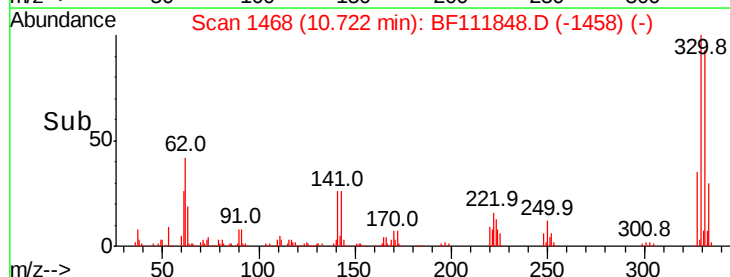
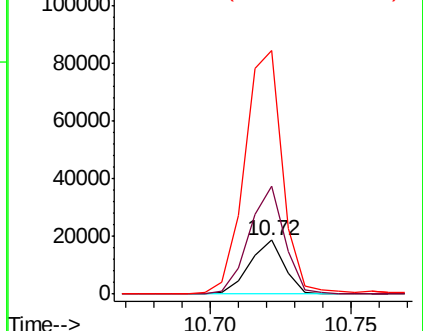
141 452.5 63.0 94.6#

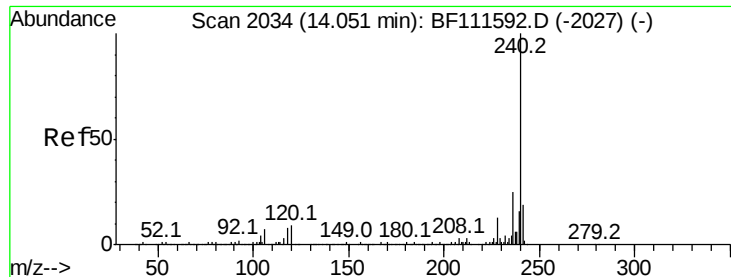


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

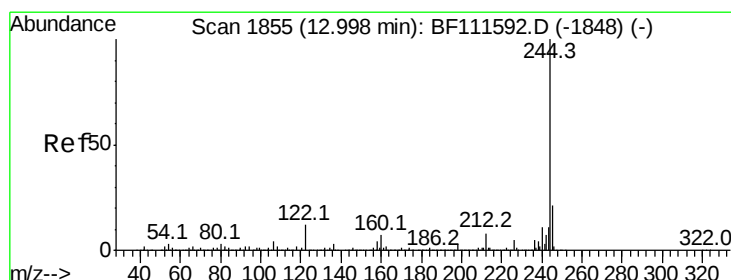
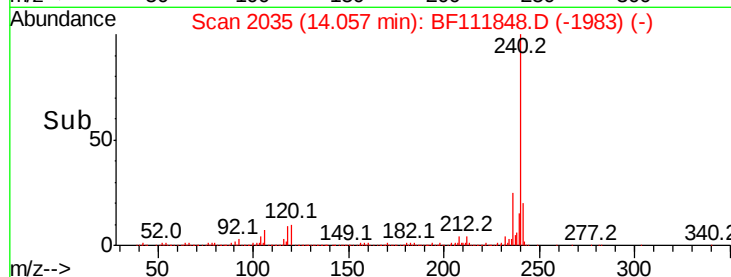
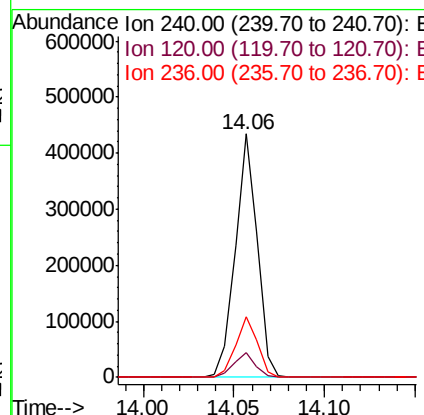
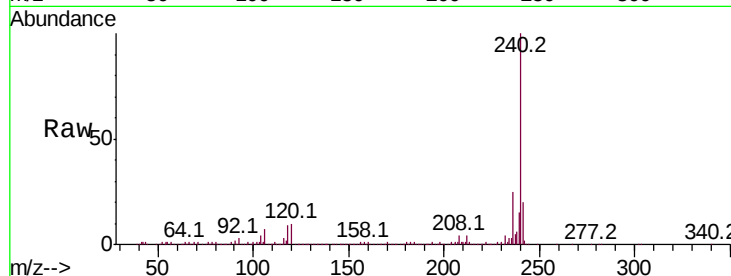




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

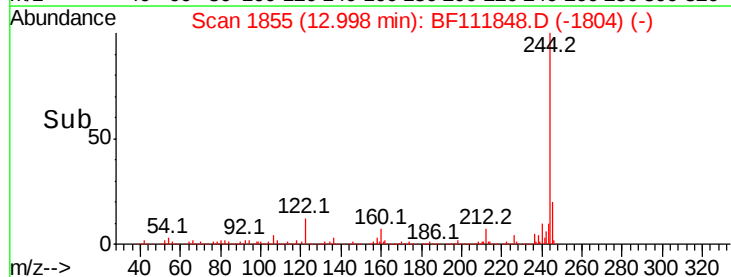
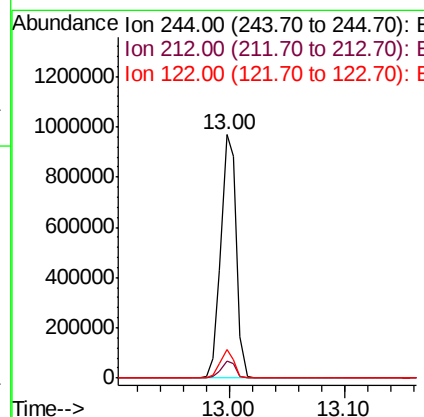
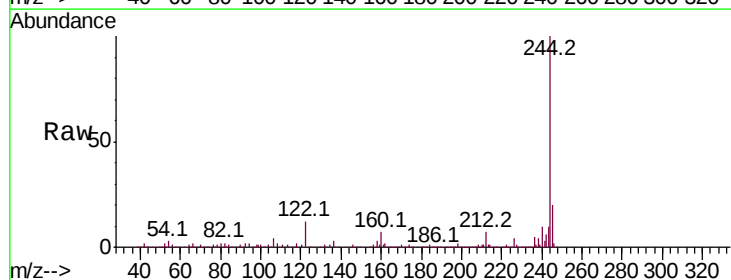
Instrument :
 BNA_G
 ClientSampled :

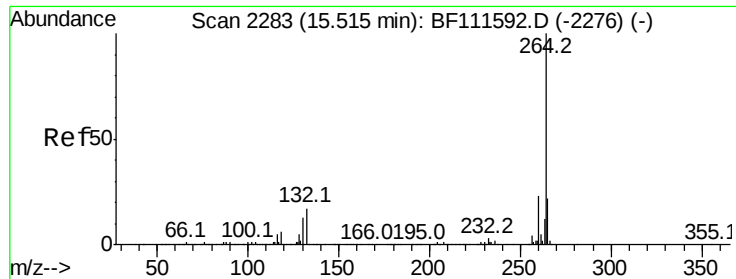
Tot Ion:240 Resp: 365947
 Ion Ratio Lower Upper
 240 100
 120 10.2 12.2 18.2#
 236 25.0 20.2 30.2



#79
 Terphenyl-d14
 Concen: 46.528 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111848.D
 Acq: 4 Jan 2019 16:52

Tgt Ion:244 Resp: 897846
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.6 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111848.D
Acq: 4 Jan 2019 16:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	21.8	17.7	26.5

