

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111861.D
 Acq On : 4 Jan 2019 22:46
 Operator : JU/SJ
 Sample : K1036-21
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 23:38:49 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

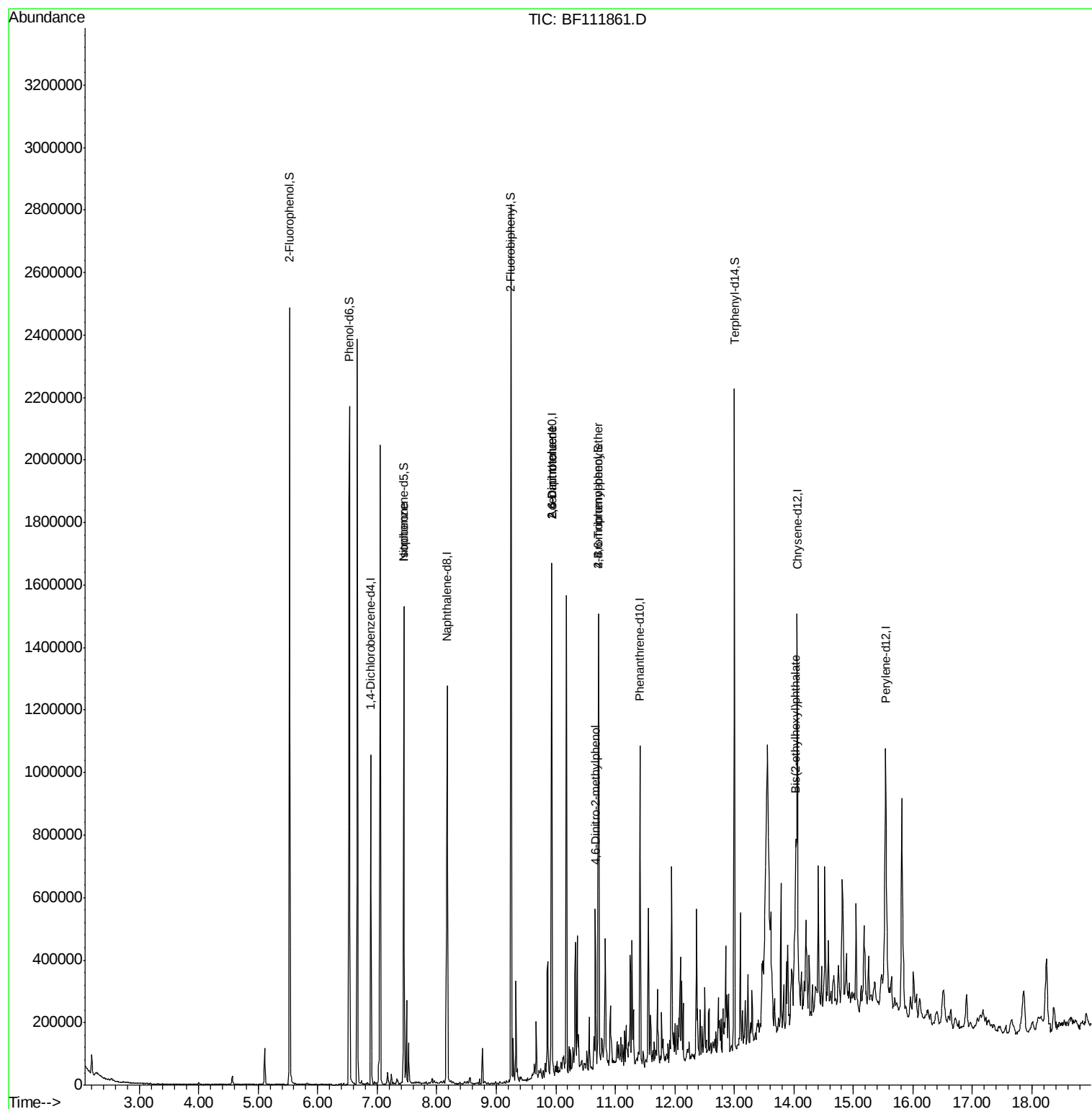
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141703	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	521299	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	285026	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	336303	20.00	ng	0.00
76) Chrysene-d12	14.06	240	323043	20.00	ng	0.00
87) Perylene-d12	15.54	264	266932	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	596298	71.73	ng	0.01
7) Phenol-d6	6.53	99	679287	64.21	ng	0.01
23) Nitrobenzene-d5	7.45	82	439434	49.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	187128	55.56	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	900381	46.04	ng	0.00
79) Terphenyl-d14	13.00	244	661969	38.86	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	439428	27.638	ng	# 64
51) 2,6-Dinitrotoluene	9.93	165	36846	8.866	ng	# 30
57) 2,4-Dinitrotoluene	9.93	165	36846	7.376	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.66	198	687	7.118	ng	# 73
67) 4-Bromophenyl-phenylether	10.72	248	11224	2.691	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	31709	2.707	ng	# 89

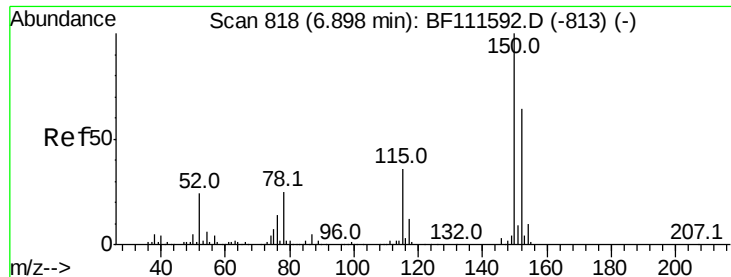
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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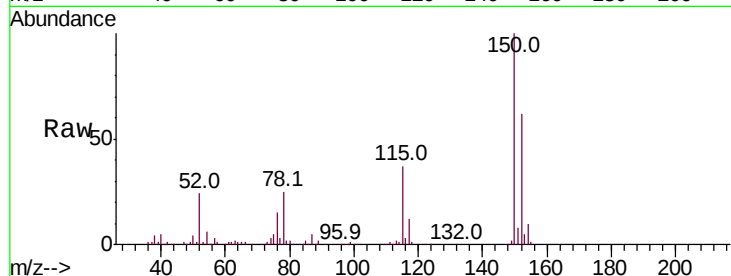


#1

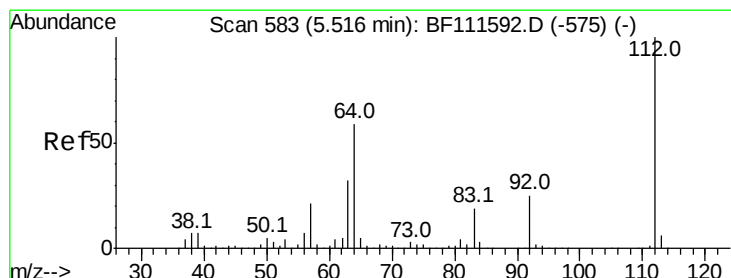
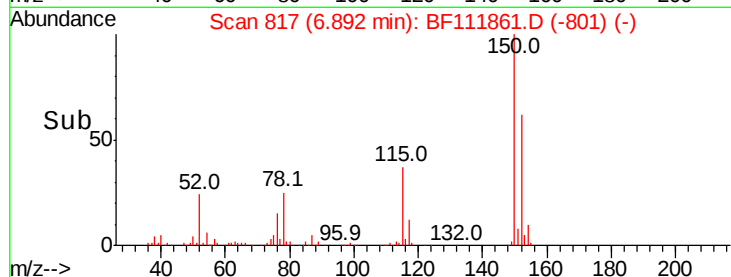
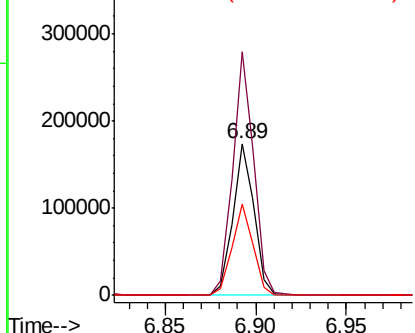
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111861.D
Acq: 4 Jan 2019 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 141703
Ion Ratio Lower Upper
152 100
150 160.5 126.6 189.8
115 60.2 50.7 76.1



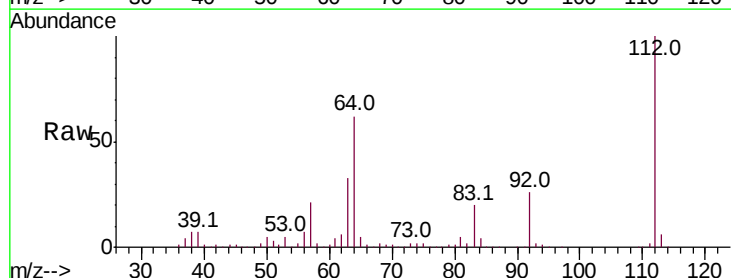
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



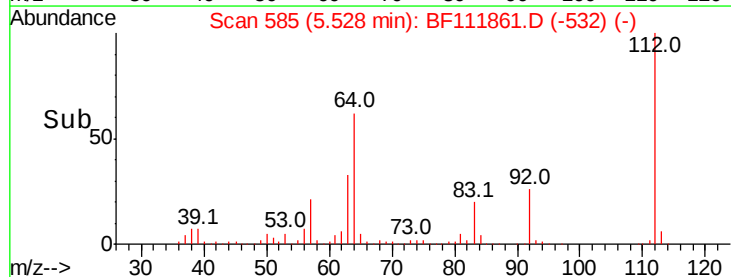
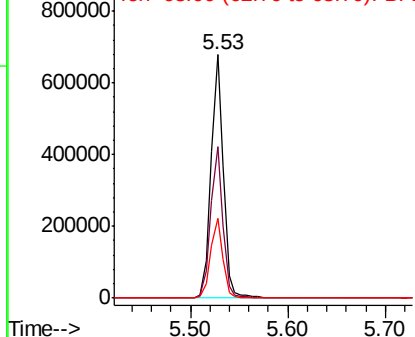
#5

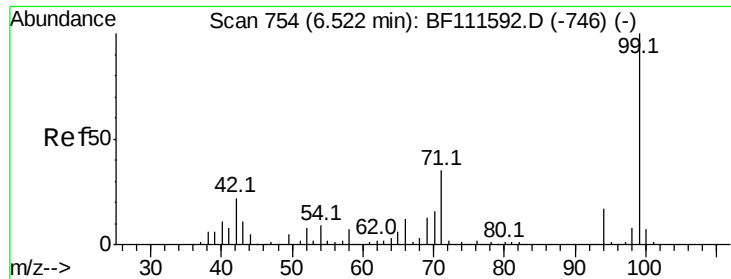
2-Fluorophenol
Concen: 71.728 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111861.D
Acq: 4 Jan 2019 22:46

Tgt Ion:112 Resp: 596298
Ion Ratio Lower Upper
112 100
64 62.3 51.8 77.6
63 33.0 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: 64.205 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111861.D

Acq: 4 Jan 2019 22:46

Instrument :

BNA_G

ClientSampled :

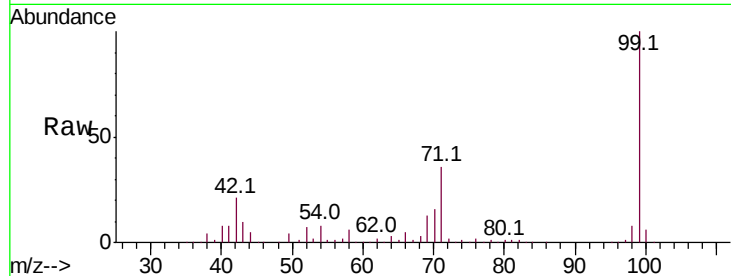
Tot Ion: 99 Resp: 679287

Ion Ratio Lower Upper

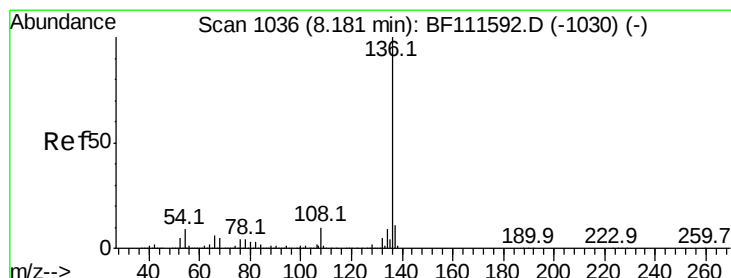
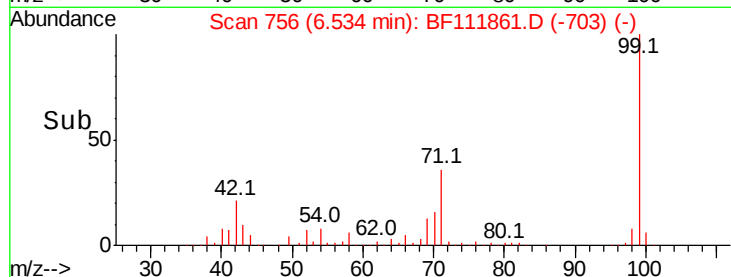
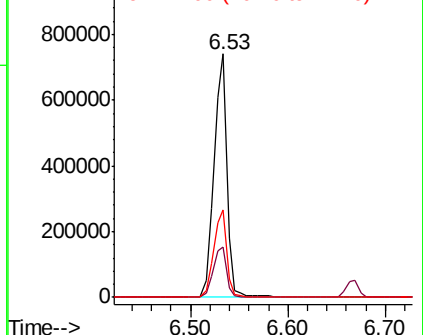
99 100

42 20.8 17.4 26.0

71 35.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111861.D

Acq: 4 Jan 2019 22:46

Tgt Ion: 136 Resp: 521299

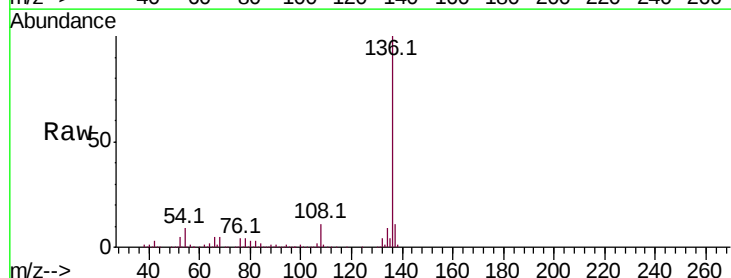
Ion Ratio Lower Upper

136 100

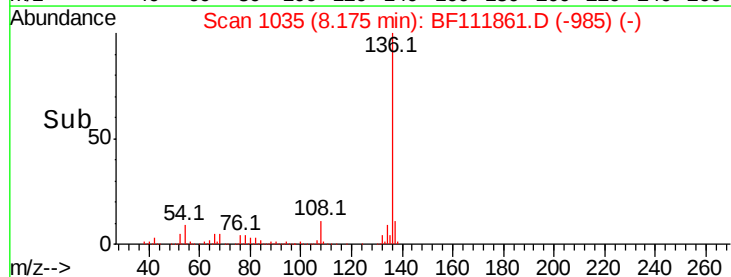
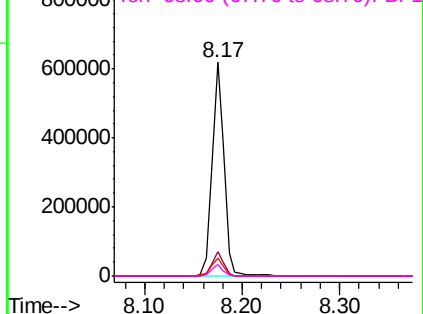
137 11.3 9.1 13.7

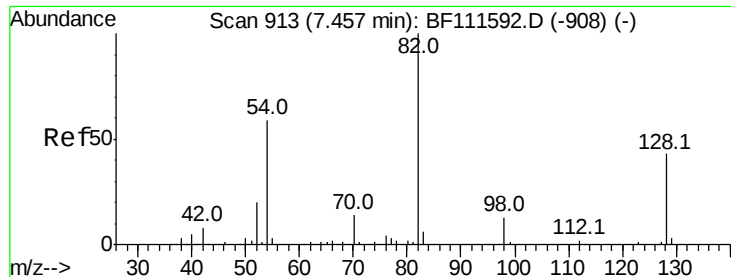
54 8.5 7.7 11.5

68 5.3 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

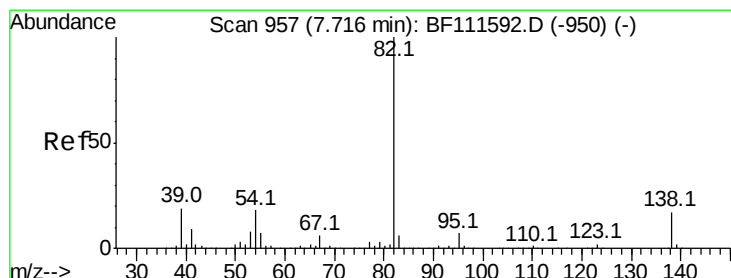
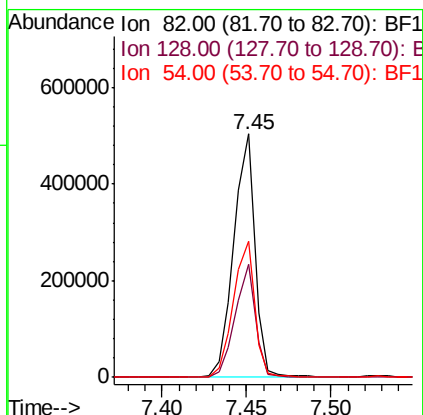
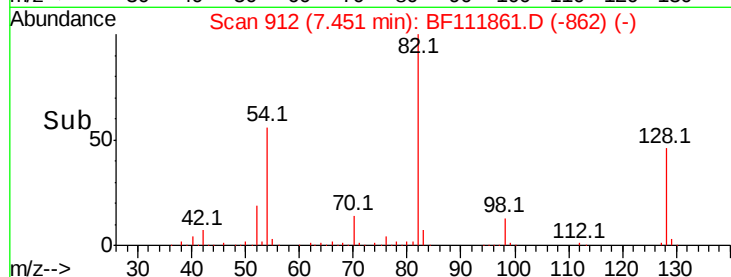
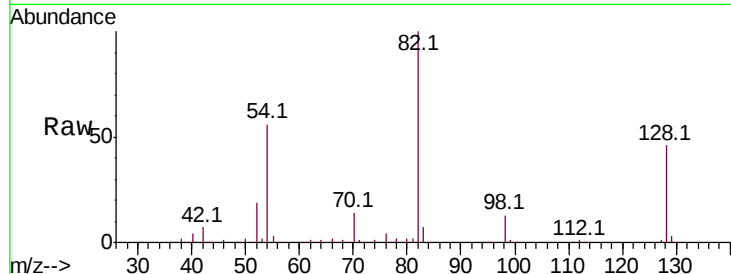




#23
Nitrobenzene-d5
Concen: 49.067 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111861.D
Acq: 4 Jan 2019 22:46

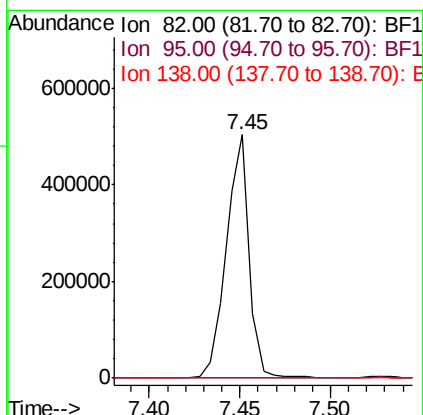
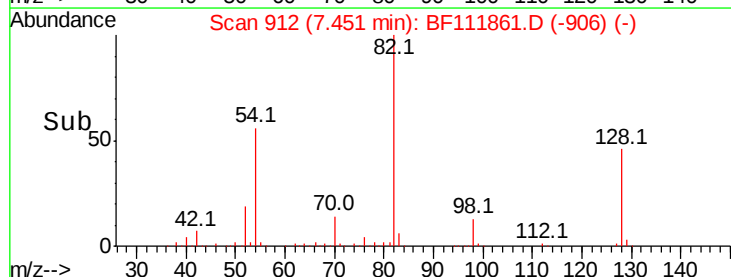
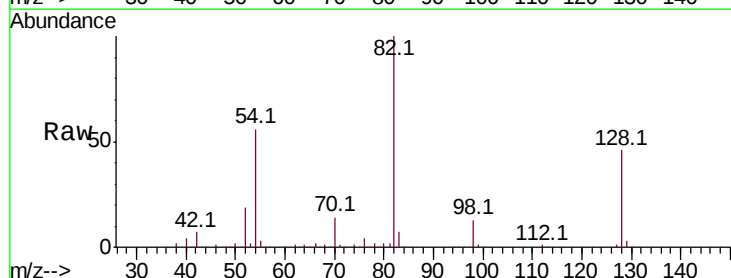
Instrument :
BNA_G
ClientSampleId :

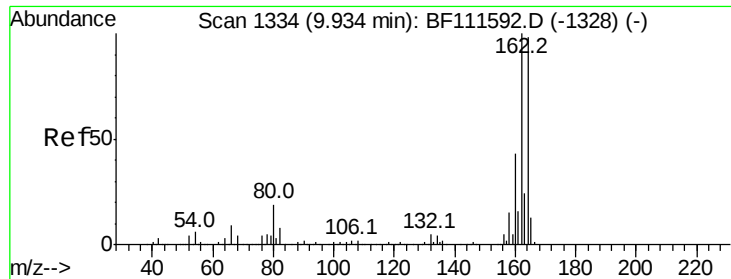
Tot Ion: 82 Resp: 439434
Ion Ratio Lower Upper
82 100
128 46.3 37.4 56.2
54 56.1 47.6 71.4



#25
Isophorone
Concen: 27.638 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111861.D
Acq: 4 Jan 2019 22:46

Tgt Ion: 82 Resp: 439428
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

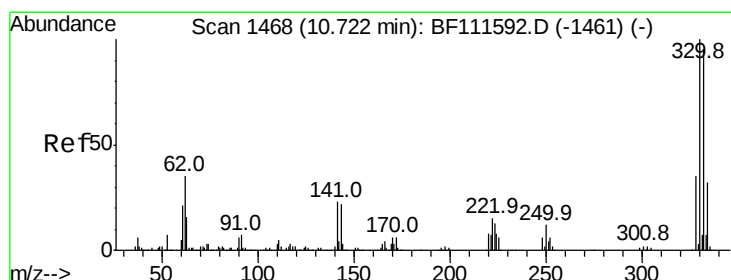
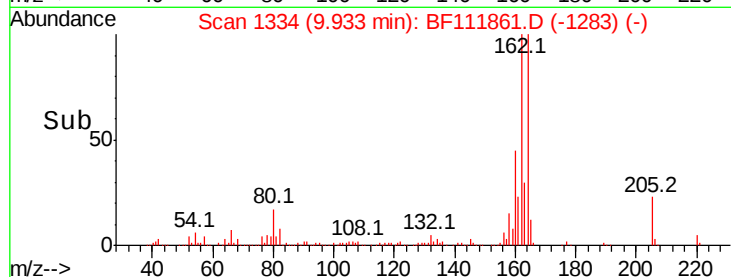
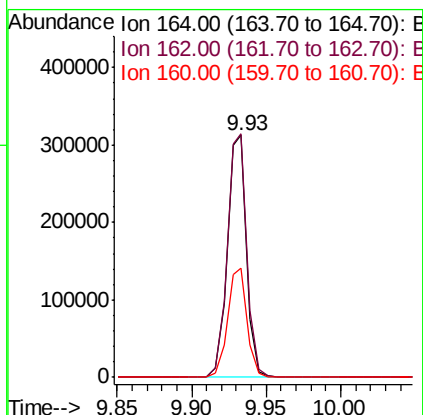
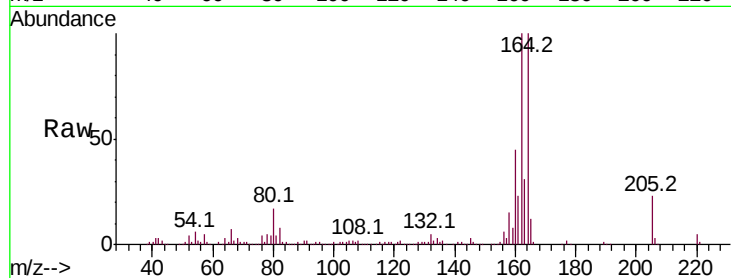




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF111861.D
 Acq: 4 Jan 2019 22:46

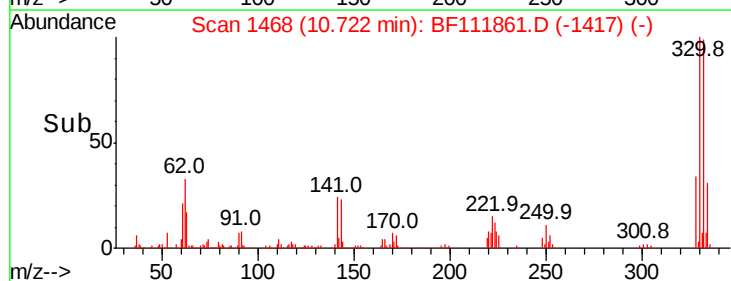
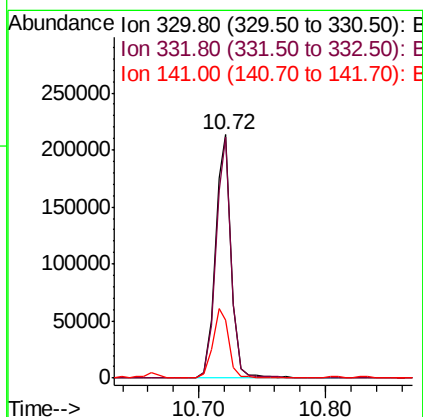
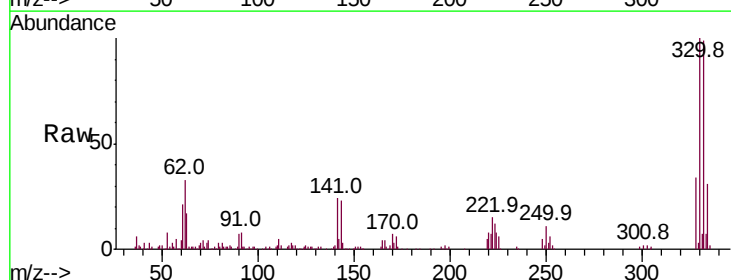
Instrument :
 BNA_G
 ClientSampleId :

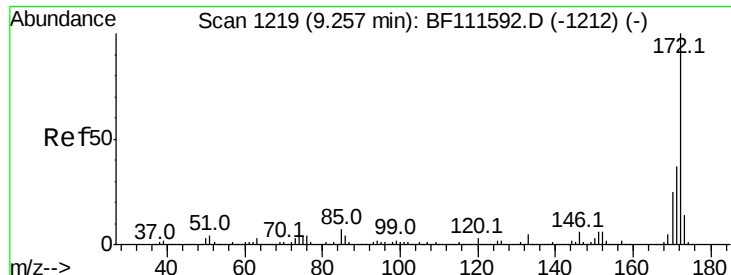
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	44.9	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 55.564 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111861.D
 Acq: 4 Jan 2019 22:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.0	114.0
141	29.1	31.0	46.6#

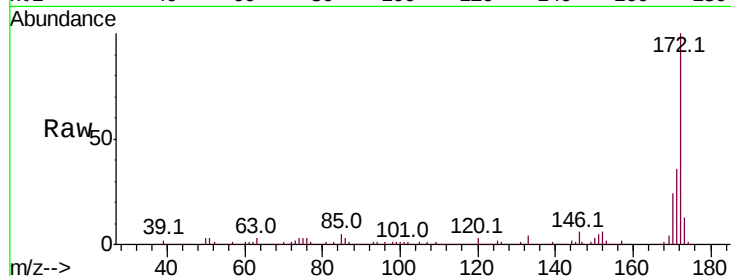




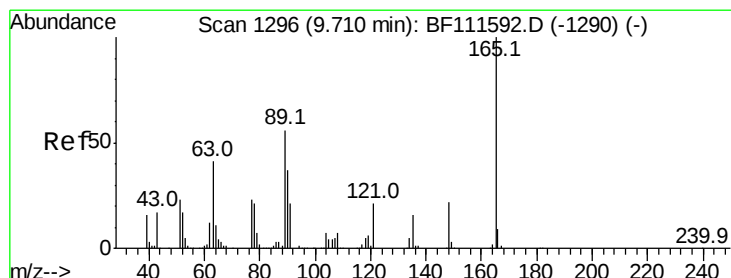
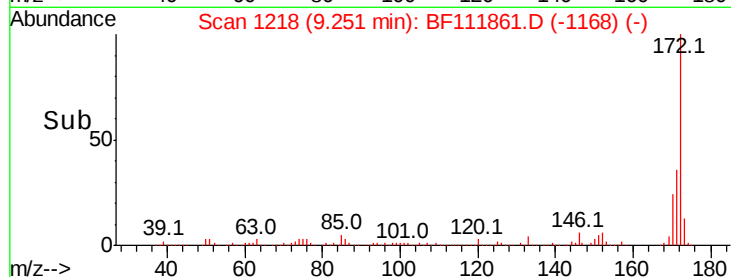
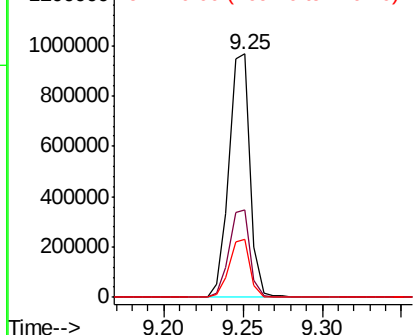
#45
2-Fluorobiphenyl
Concen: 46.044 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111861.D
Acq: 4 Jan 2019 22:46

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 900381
Ion Ratio Lower Upper
172 100
171 35.8 33.0 49.4
170 23.6 22.3 33.5

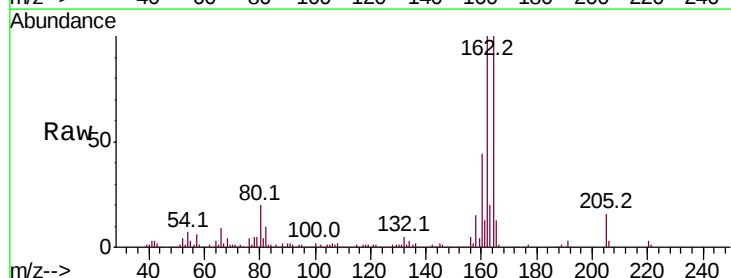


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

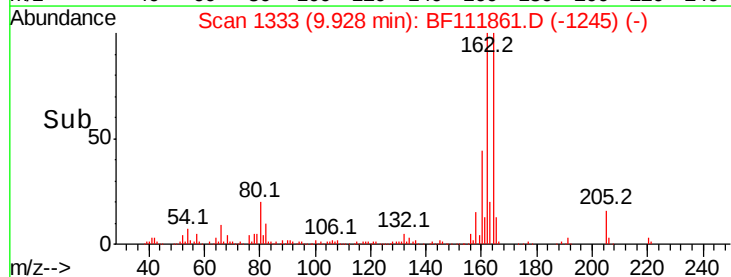
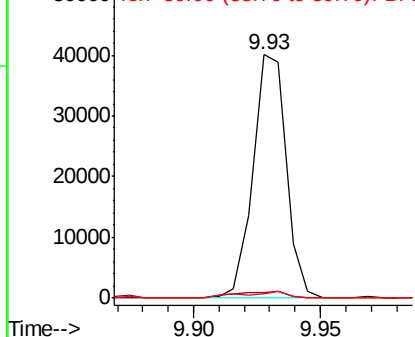


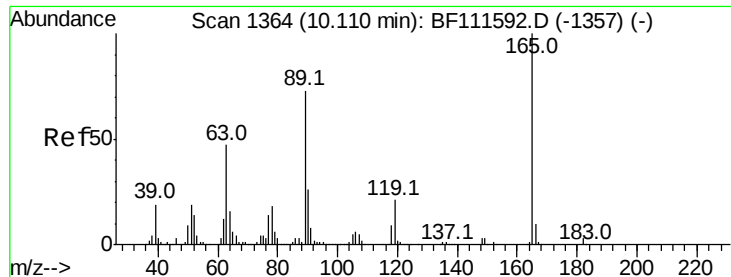
#51
2,6-Dinitrotoluene
Concen: 8.866 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111861.D
Acq: 4 Jan 2019 22:46

Tgt Ion:165 Resp: 36846
Ion Ratio Lower Upper
165 100
63 2.4 40.5 60.7#
89 2.0 40.0 60.0#



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

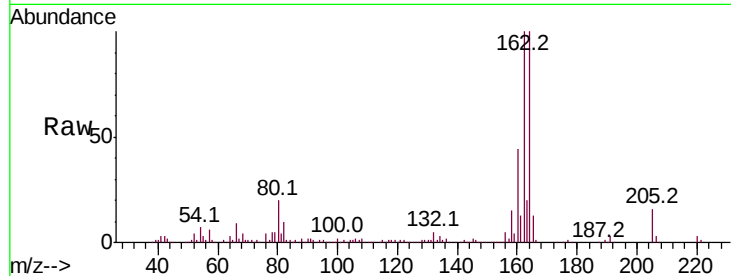




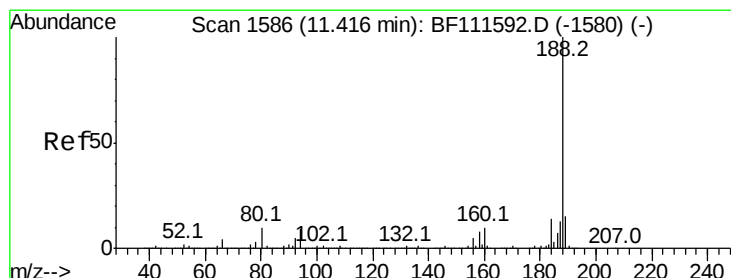
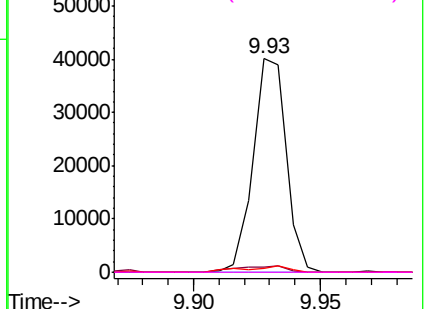
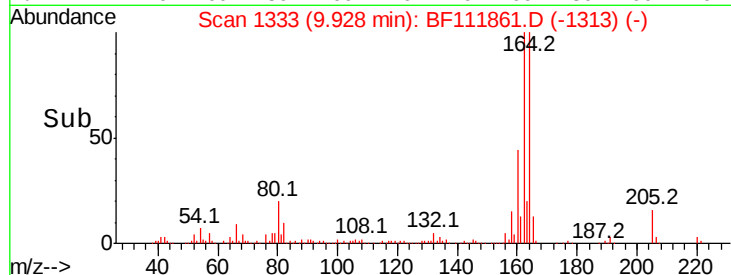
#57
 2,4-Dinitrotoluene
 Concen: 7.376 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.18 min
 Lab File: BF111861.D
 Acq: 4 Jan 2019 22:46

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 36846
 Ion Ratio Lower Upper
 165 100
 63 2.4 34.6 52.0#
 89 2.0 56.2 84.4#
 182 0.0 1.8 2.6#

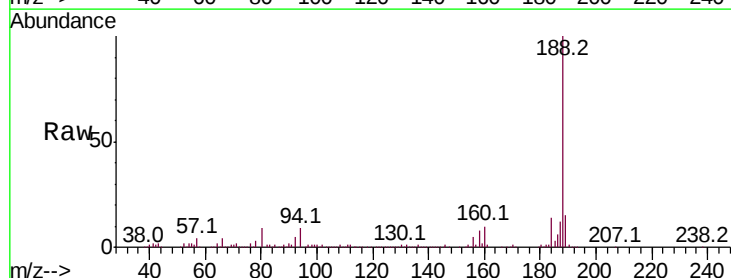


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

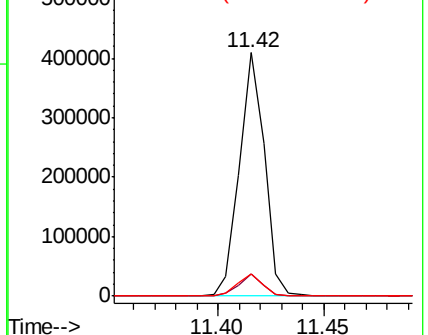
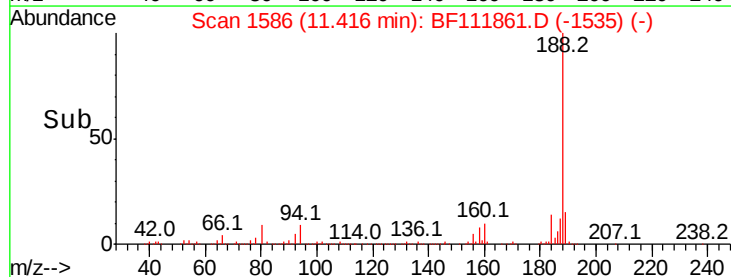


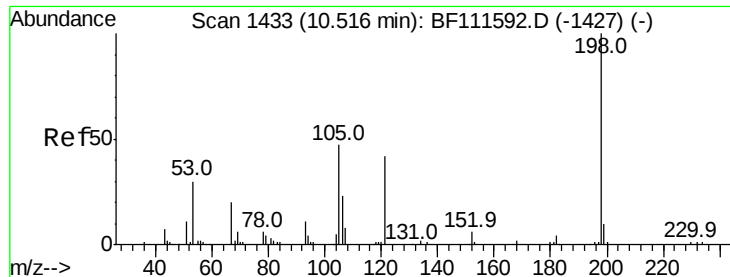
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111861.D
 Acq: 4 Jan 2019 22:46

Tgt Ion:188 Resp: 336303
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.6 14.4#
 80 9.0 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: 7.118 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.15 min

Lab File: BF111861.D

Acq: 4 Jan 2019 22:46

Instrument :

BNA_G

ClientSampled :

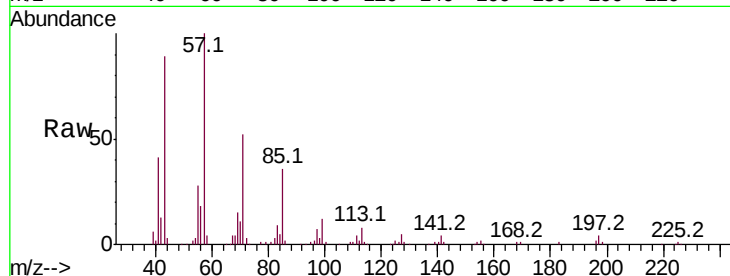
Tot Ion:198 Resp: 687

Ion Ratio Lower Upper

198 100

51 39.3 48.0 88.0#

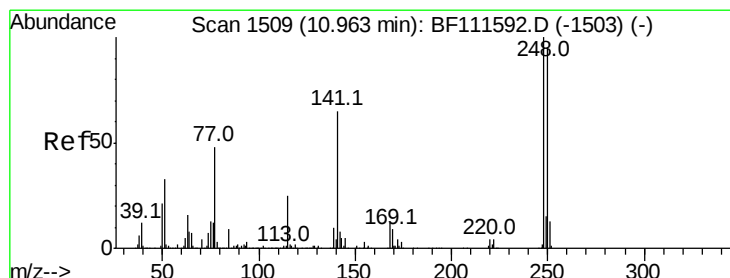
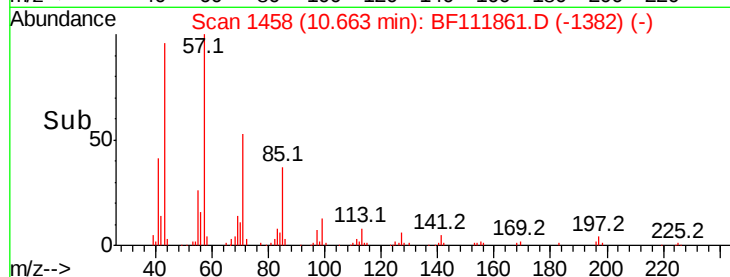
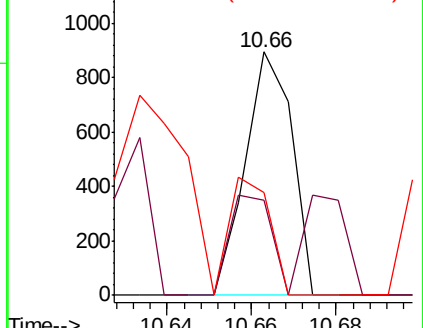
105 42.2 34.0 74.0



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: 2.691 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.25 min

Lab File: BF111861.D

Acq: 4 Jan 2019 22:46

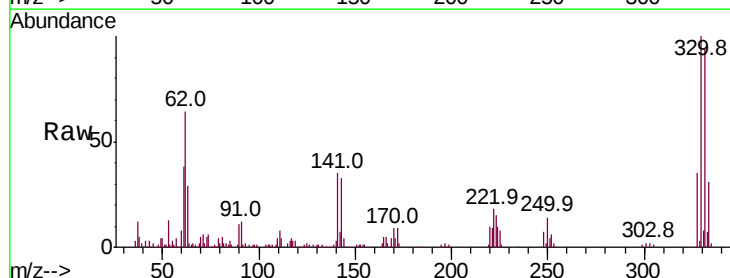
Tgt Ion:248 Resp: 11224

Ion Ratio Lower Upper

248 100

250 199.0 77.0 115.4#

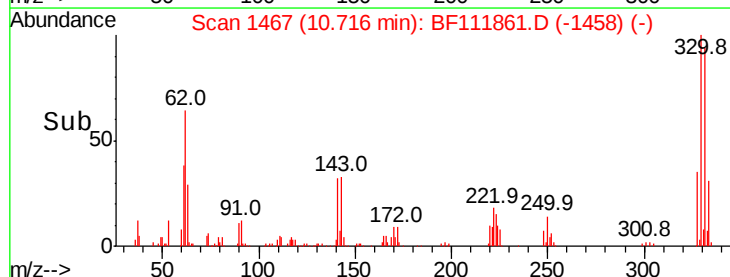
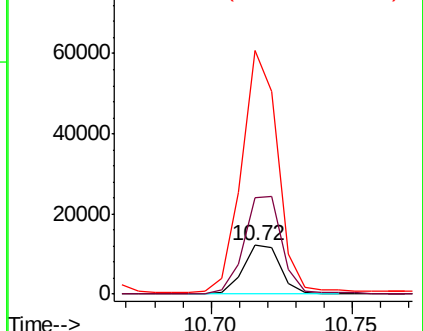
141 500.4 63.0 94.6#

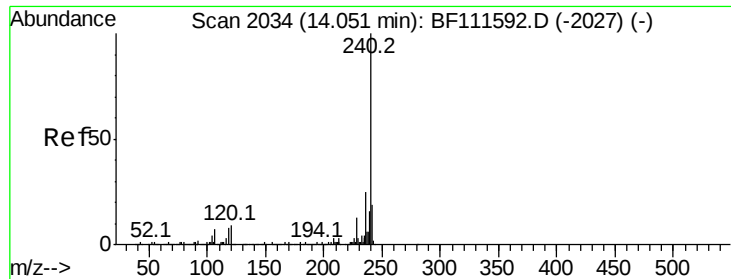


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

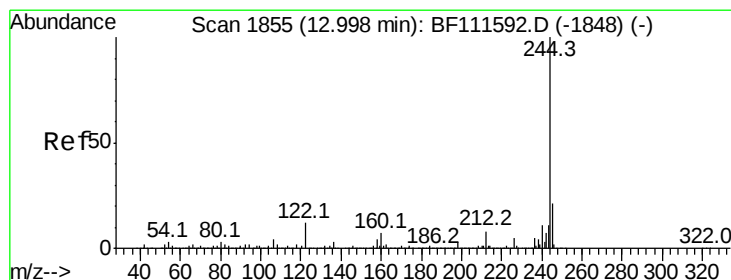
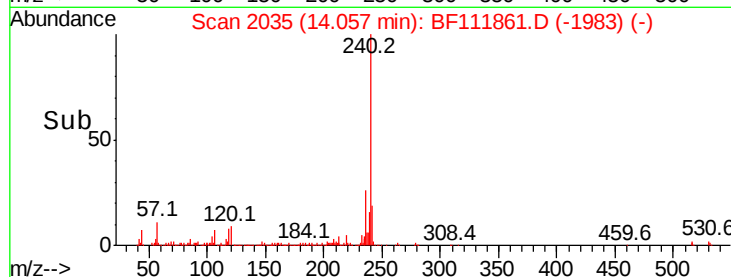
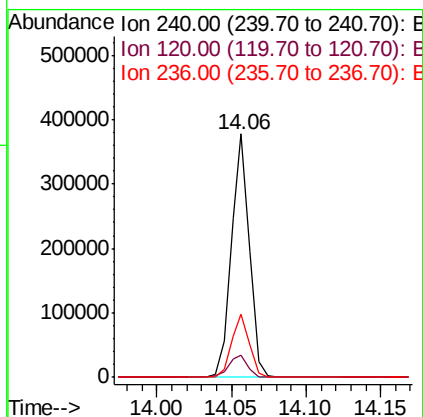
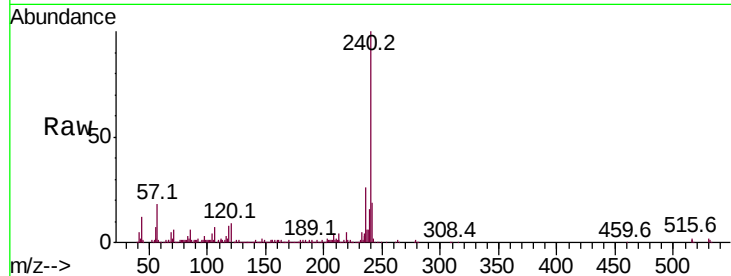




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF111861.D
 Acq: 4 Jan 2019 22:46

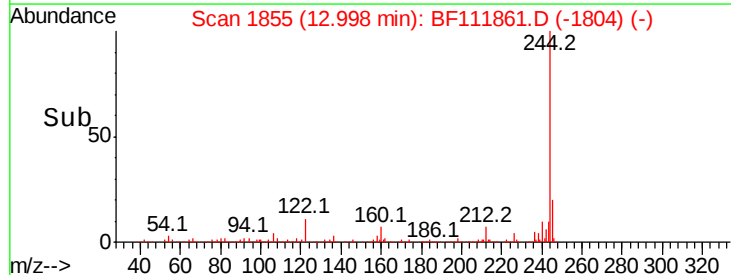
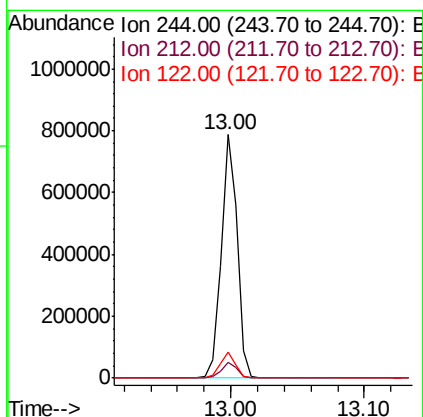
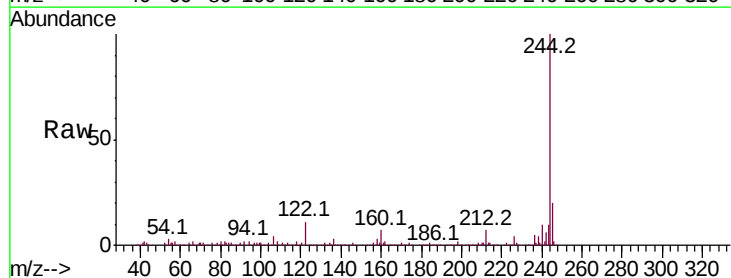
Instrument :
 BNA_G
 ClientSampleId :

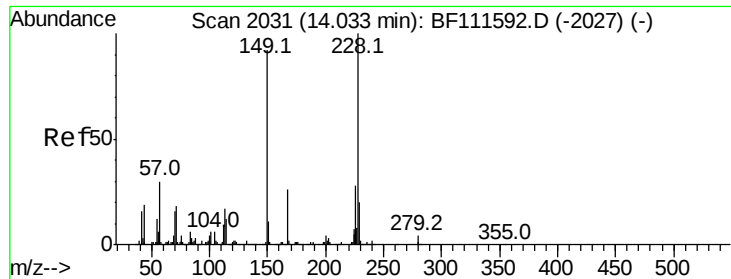
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.2	18.2#
236	25.8	20.2	30.2



#79
 Terphenyl-d14
 Concen: 38.861 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111861.D
 Acq: 4 Jan 2019 22:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.6	13.1	19.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.707 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111861.D

Acq: 4 Jan 2019 22:46

Instrument :

BNA_G

ClientSampled :

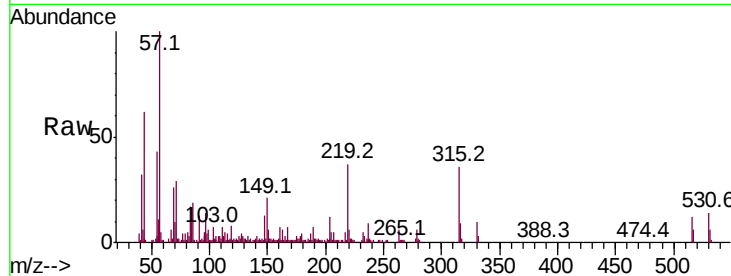
Tot Ion:149 Resp: 31709

Ion Ratio Lower Upper

149 100

167 34.0 22.5 33.7#

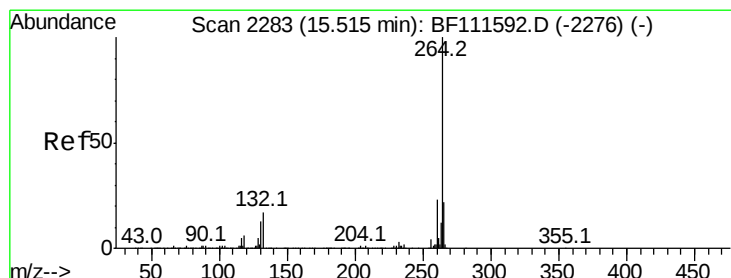
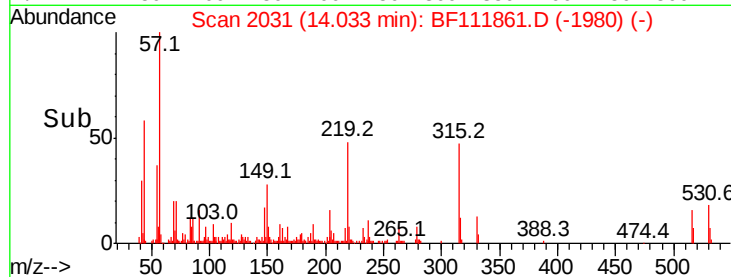
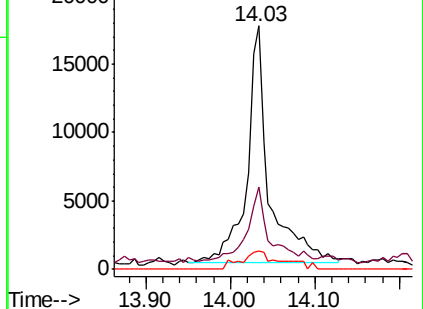
279 7.7 2.6 4.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.02 min

Lab File: BF111861.D

Acq: 4 Jan 2019 22:46

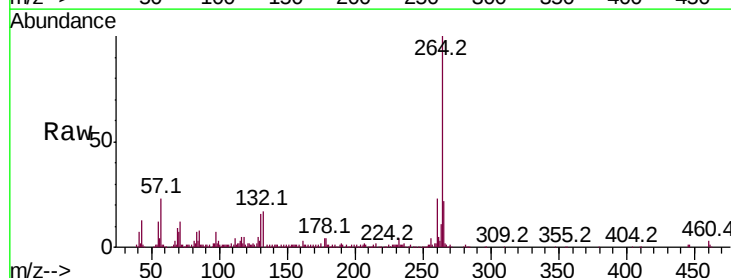
Tgt Ion:264 Resp: 266932

Ion Ratio Lower Upper

264 100

260 22.9 18.3 27.5

265 22.1 17.7 26.5



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

