

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111847.D
 Acq On : 4 Jan 2019 16:25
 Operator : JU/SJ
 Sample : K1017-13RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 04 23:29:54 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	182265	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	690790	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	326184	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	527054	20.00	ng	0.00
76) Chrysene-d12	14.06	240	440773	20.00	ng	0.00
87) Perylene-d12	15.55	264	382074	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	856003	80.05	ng	0.01
7) Phenol-d6	6.53	99	1092372	80.27	ng	0.01
23) Nitrobenzene-d5	7.45	82	680241	57.32	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	290559	75.39	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1255097	56.08	ng	0.00
79) Terphenyl-d14	13.00	244	1010198	43.46	ng	0.00

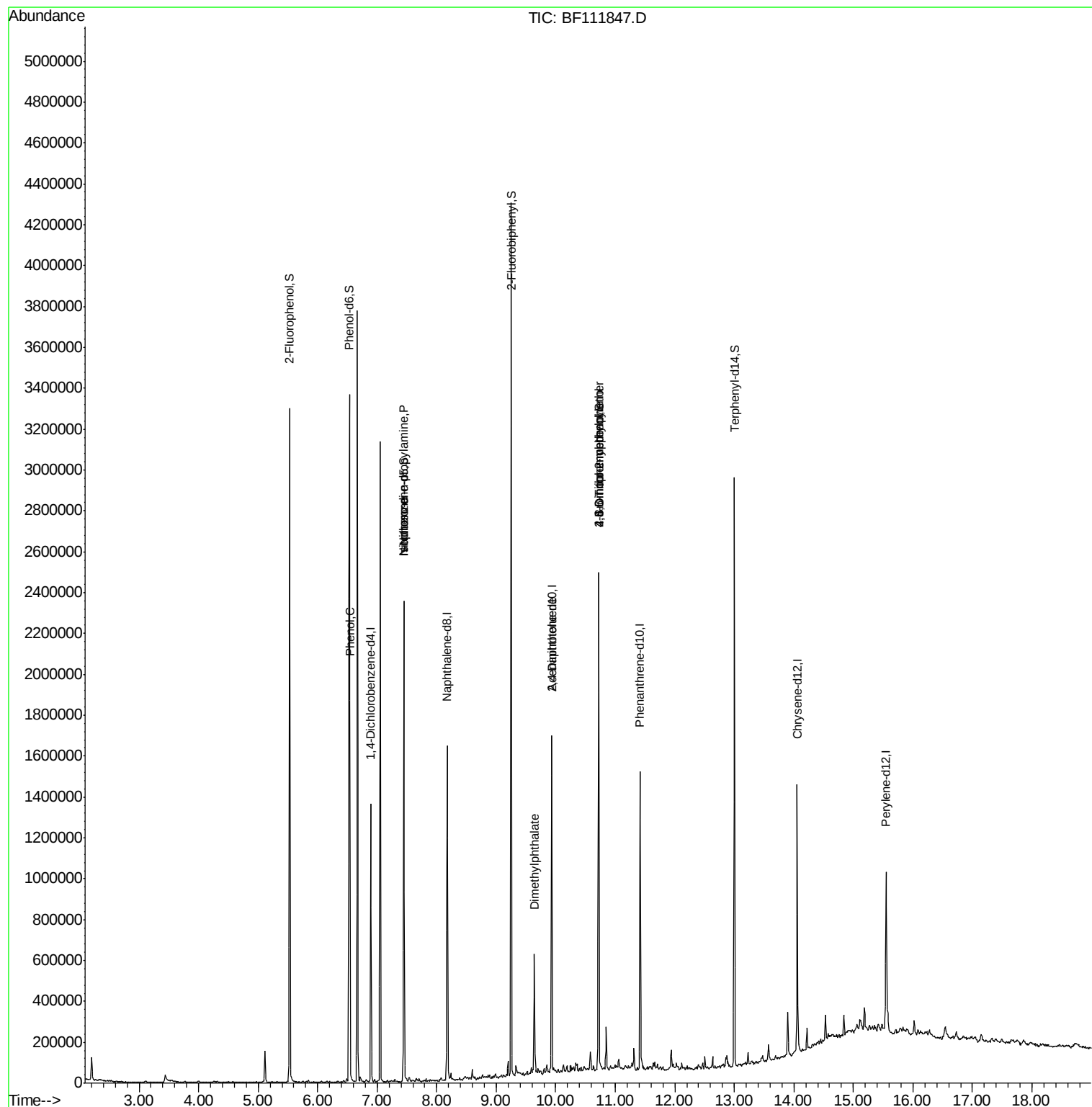
Target Compounds				Qvalue		
10) Phenol	6.55	94	50727	3.304	ng	95
19) n-Nitroso-di-n-propylamine	7.45	70	91406	10.114	ng	# 80
25) Isophorone	7.45	82	676932	32.130	ng	# 64
50) Dimethylphthalate	9.64	163	196708	8.247	ng	# 97
57) 2,4-Dinitrotoluene	9.93	165	43666	7.639	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	476	6.881	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	16692	2.553	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
Data File : BF111847.D
Acq On : 4 Jan 2019 16:25
Operator : JU/SJ
Sample : K1017-13RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 04 23:29:54 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



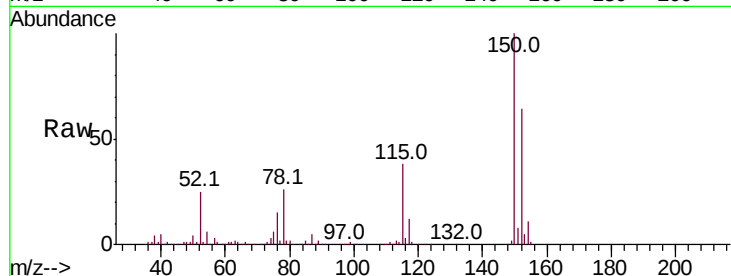


#1

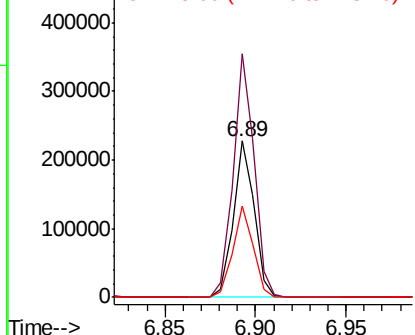
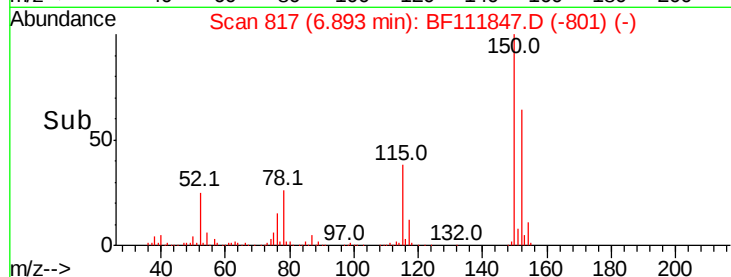
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 182265
Ion Ratio Lower Upper
152 100
150 155.9 126.6 189.8
115 58.7 50.7 76.1



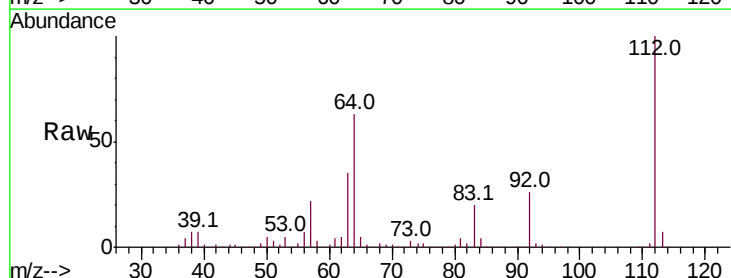
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



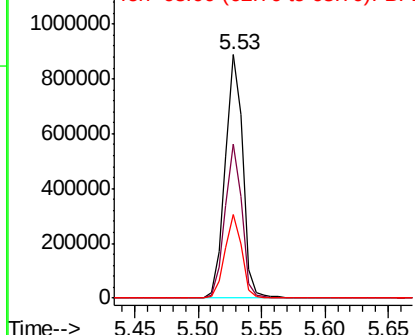
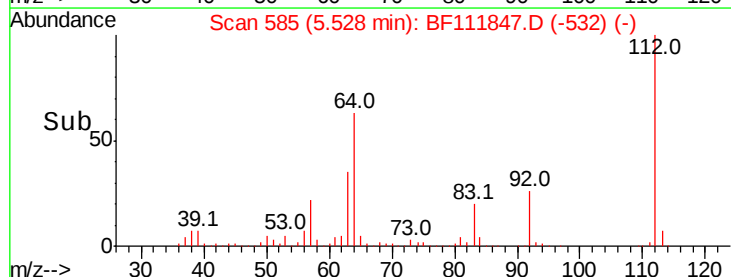
#5

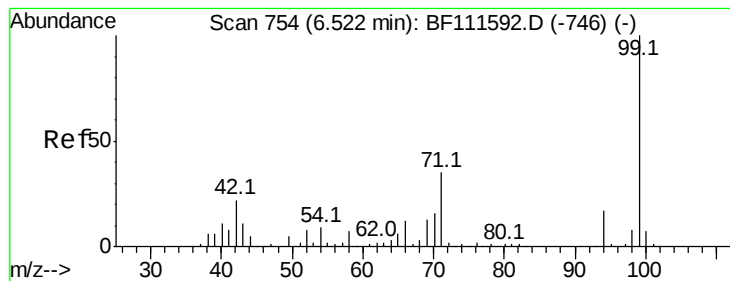
2-Fluorophenol
Concen: 80.053 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tgt Ion:112 Resp: 856003
Ion Ratio Lower Upper
112 100
64 63.5 51.8 77.6
63 34.5 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: 80.272 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

Instrument :

BNA_G

ClientSampleId :

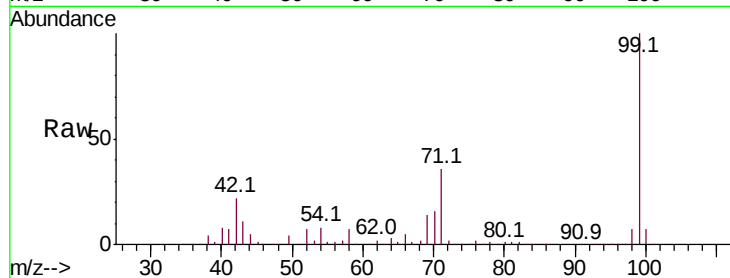
Tot Ion: 99 Resp: 1092372

Ion Ratio Lower Upper

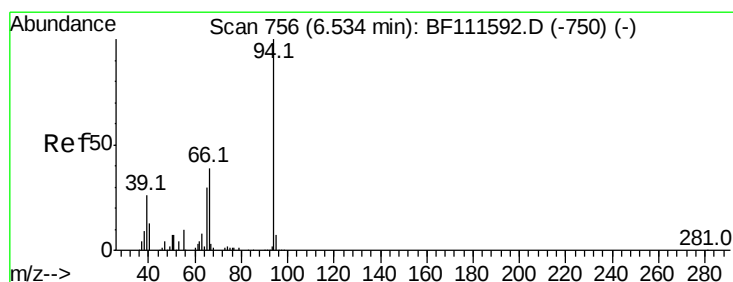
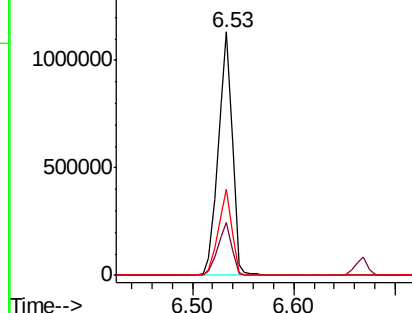
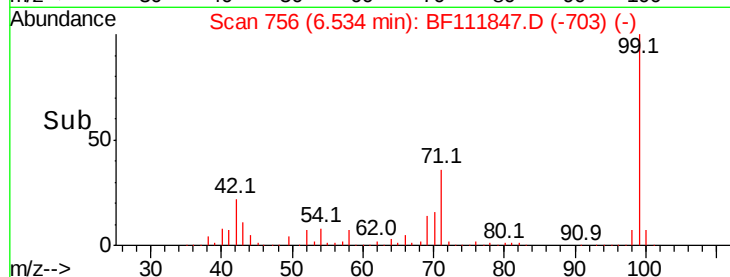
99 100

42 21.5 17.4 26.0

71 35.6 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: 3.304 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

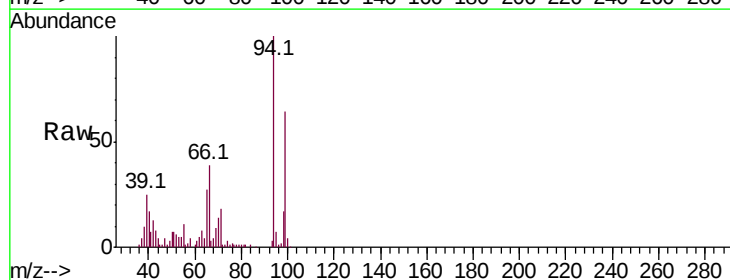
Tgt Ion: 94 Resp: 50727

Ion Ratio Lower Upper

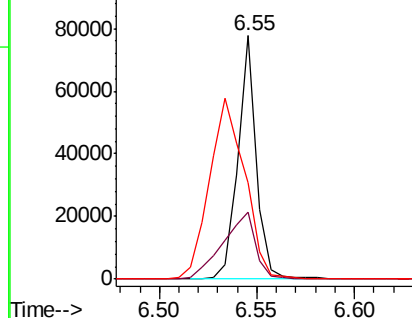
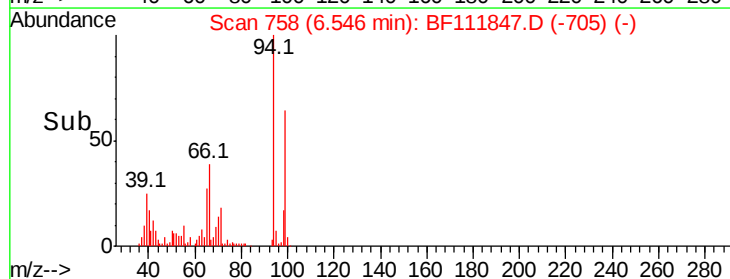
94 100

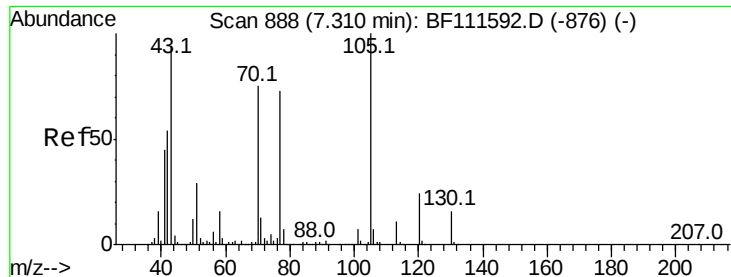
65 27.4 11.7 51.7

66 39.4 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

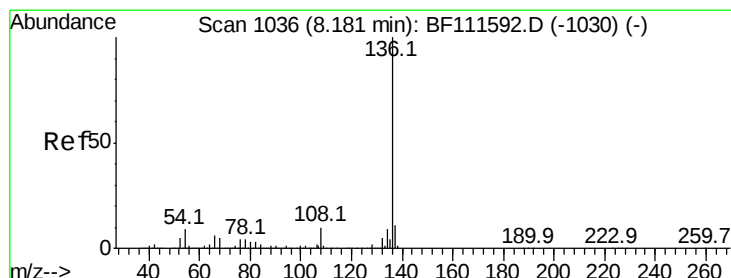
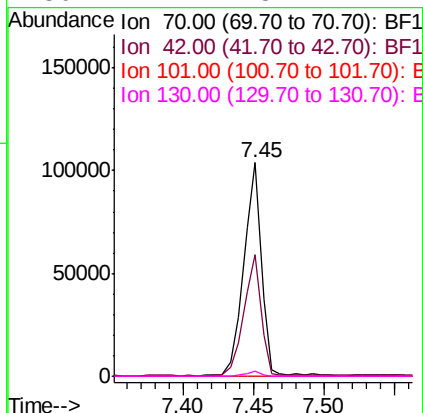
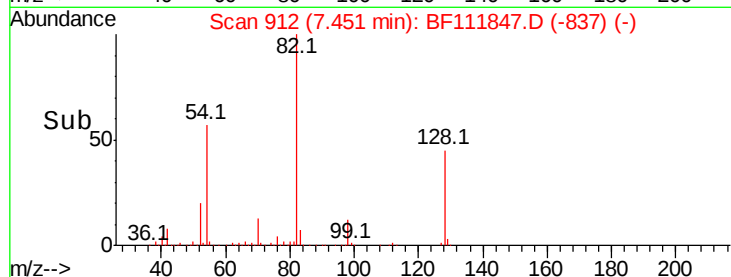
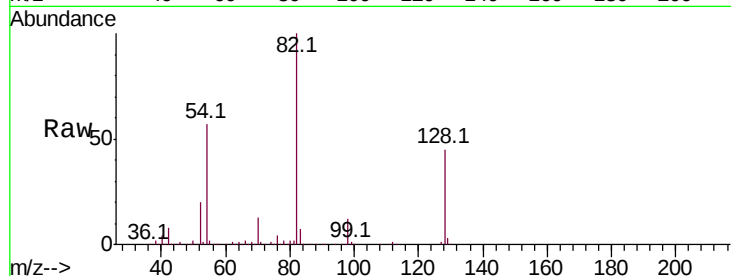




#19
n-Nitroso-di-n-propylamine
Concen: 10.114 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

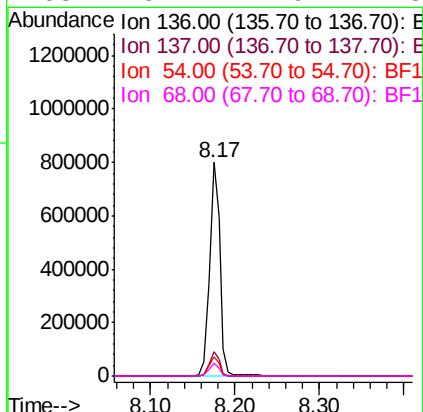
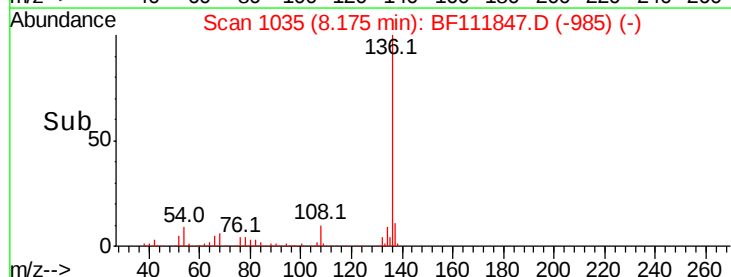
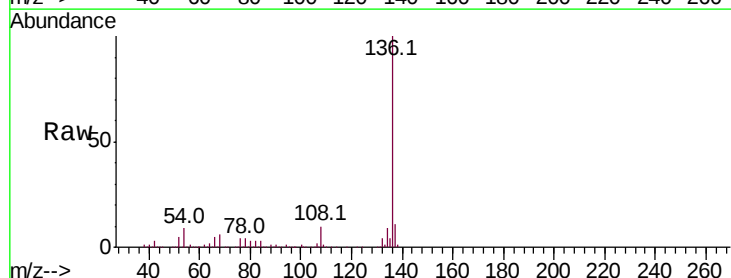
Instrument :
BNA_G
ClientSampleId :

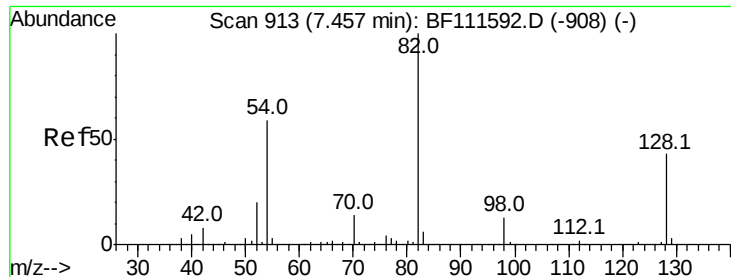
Tot Ion: 70 Resp: 91406
Ion Ratio Lower Upper
70 100
42 56.9 53.2 79.8
101 0.0 8.2 12.4#
130 2.4 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tgt Ion:136 Resp: 690790
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.9 7.7 11.5
68 5.7 4.9 7.3

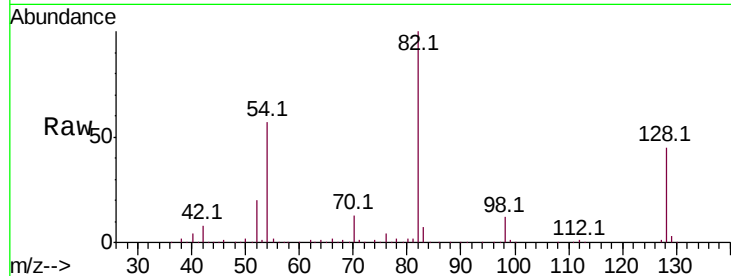




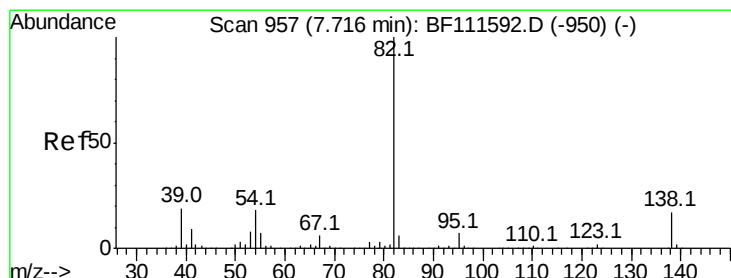
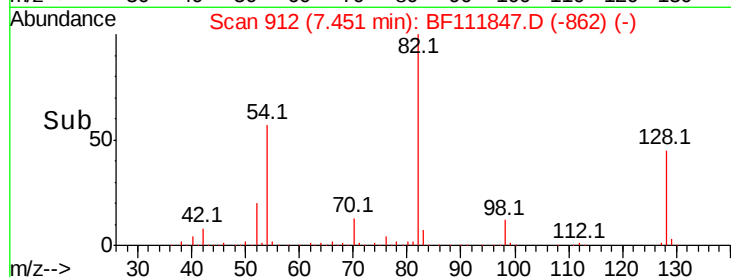
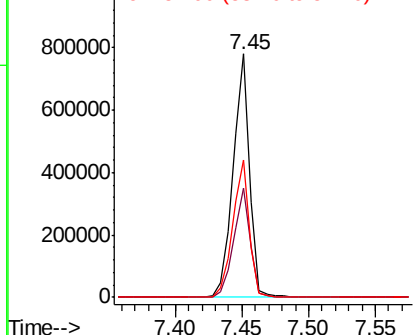
#23
Nitrobenzene-d5
Concen: 57.319 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 680241
Ion Ratio Lower Upper
82 100
128 44.9 37.4 56.2
54 56.7 47.6 71.4

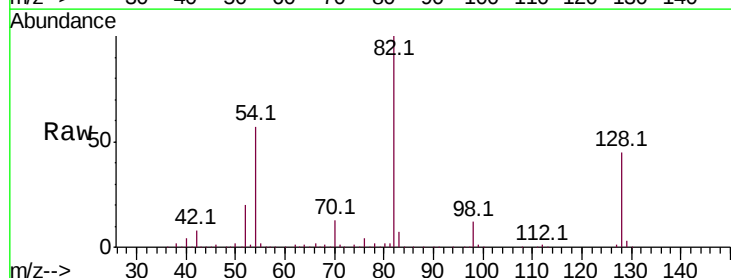


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

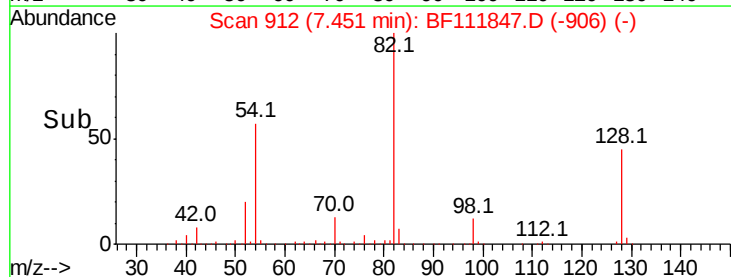
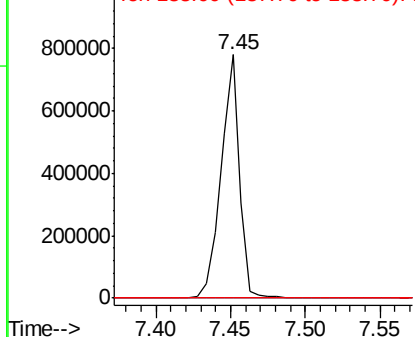


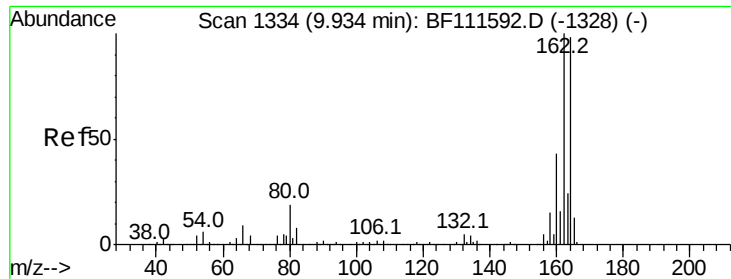
#25
Isophorone
Concen: 32.130 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tgt Ion: 82 Resp: 676932
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: BF111847.D

Acq: 4 Jan 2019 16:25

Instrument :

BNA_G

ClientSampleId :

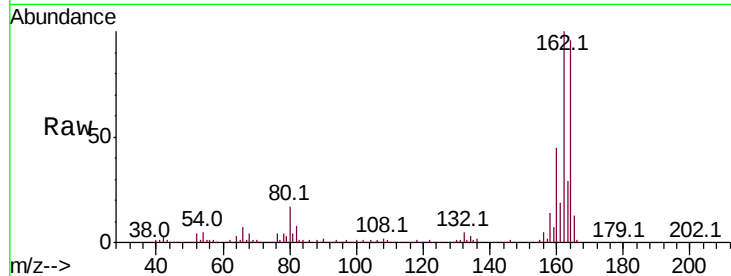
Tot Ion:164 Resp: 326184

Ion Ratio Lower Upper

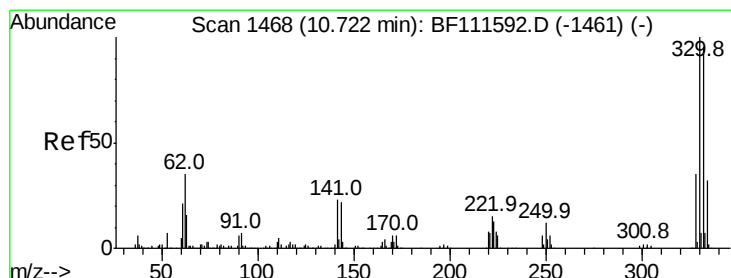
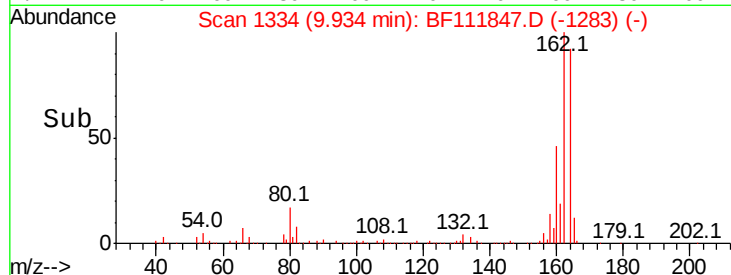
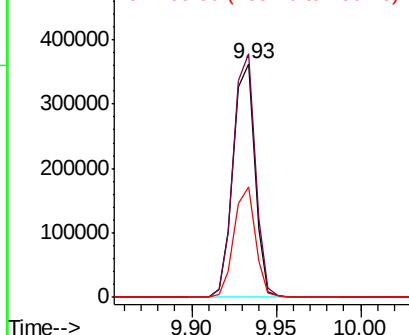
164 100

162 104.3 81.4 122.0

160 47.3 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: 75.389 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

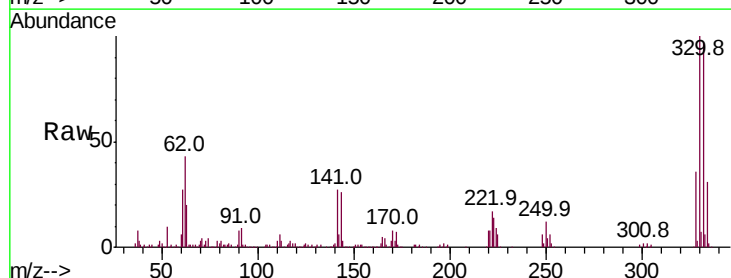
Tgt Ion:330 Resp: 290559

Ion Ratio Lower Upper

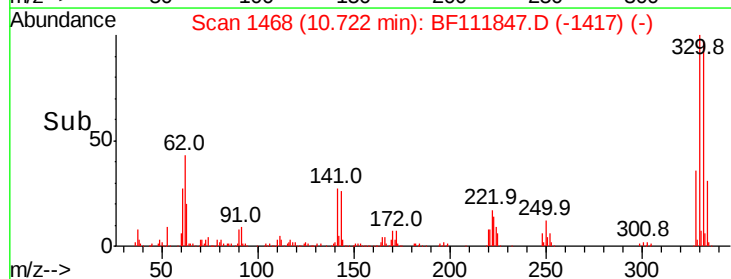
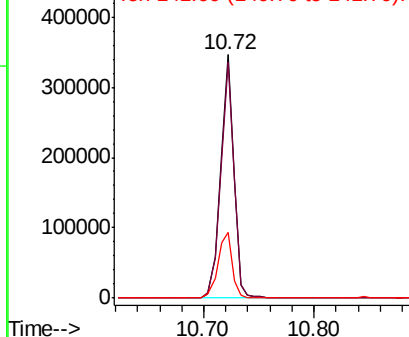
330 100

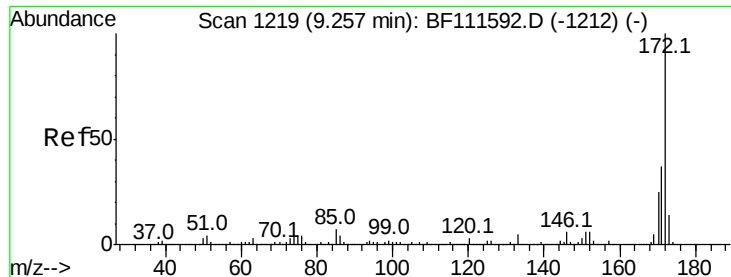
332 96.8 76.0 114.0

141 28.9 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

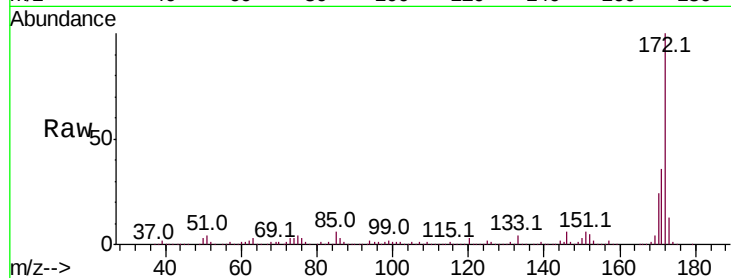




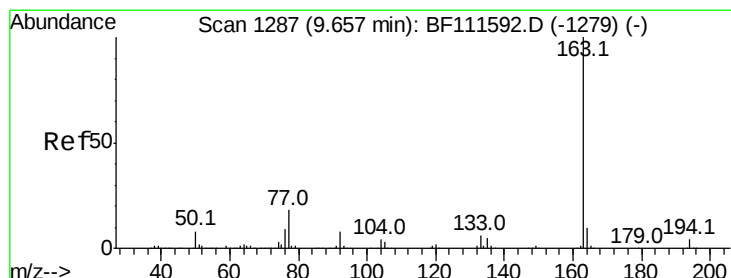
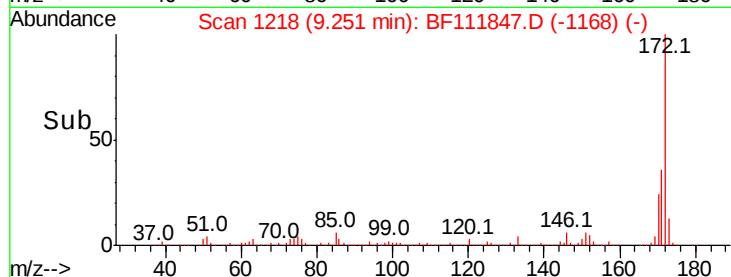
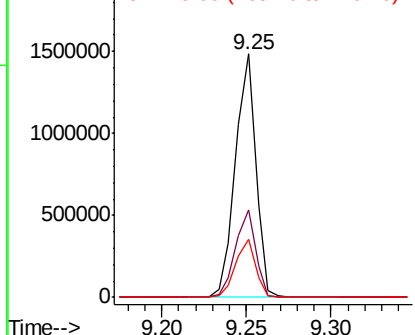
#45
2-Fluorobiphenyl
Concen: 56.085 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1255097
Ion Ratio Lower Upper
172 100
171 36.2 33.0 49.4
170 23.8 22.3 33.5

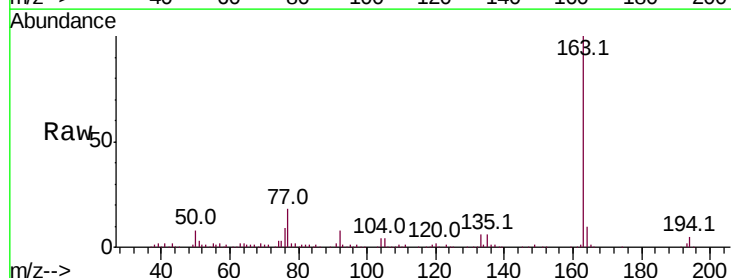


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

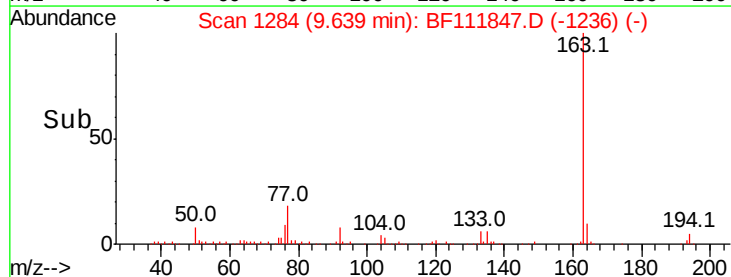
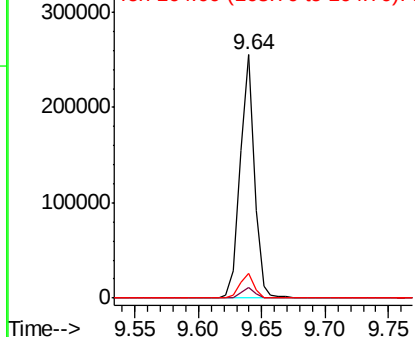


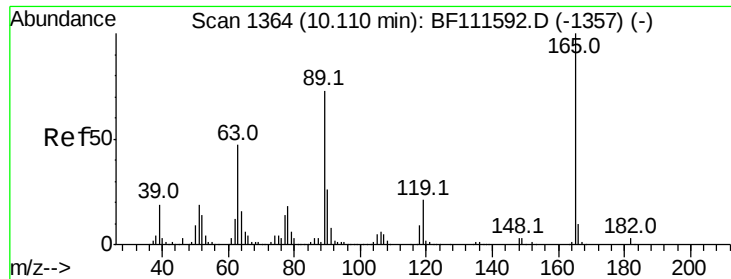
#50
Dimethylphthalate
Concen: 8.247 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tgt Ion:163 Resp: 196708
Ion Ratio Lower Upper
163 100
194 4.6 3.0 4.6#
164 10.0 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
300000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

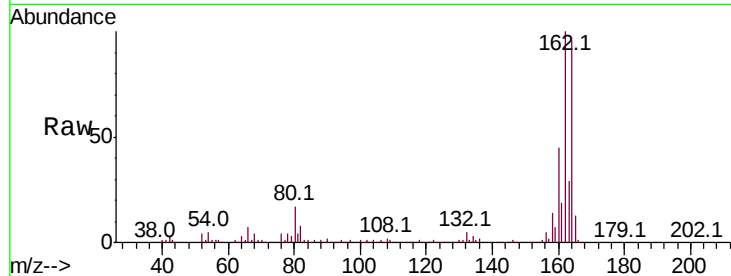




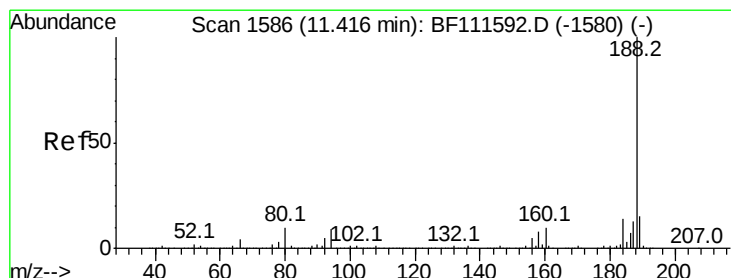
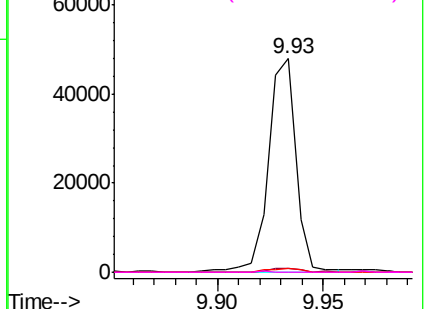
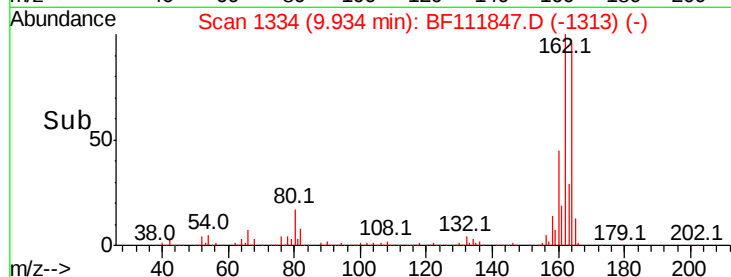
#57
 2,4-Dinitrotoluene
 Concen: 7.639 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF111847.D
 Acq: 4 Jan 2019 16:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 43666
 Ion Ratio Lower Upper
 165 100
 63 1.7 34.6 52.0#
 89 1.5 56.2 84.4#
 182 0.0 1.8 2.6#

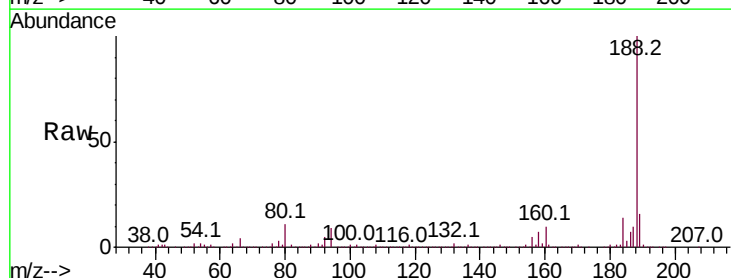


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

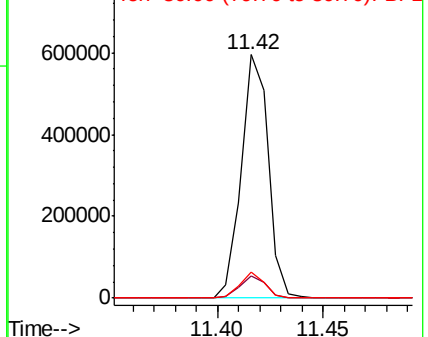
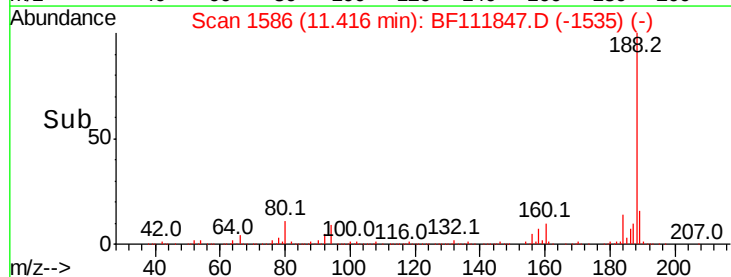


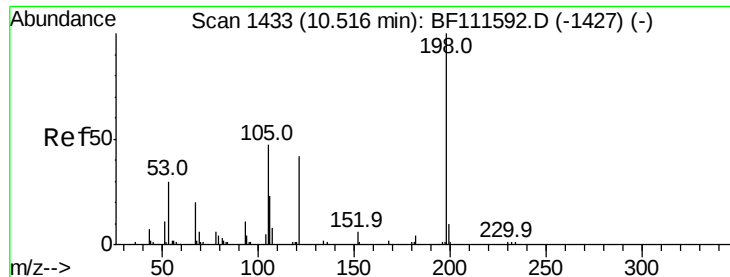
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF111847.D
 Acq: 4 Jan 2019 16:25

Tgt Ion:188 Resp: 527054
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.6 14.4#
 80 10.5 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

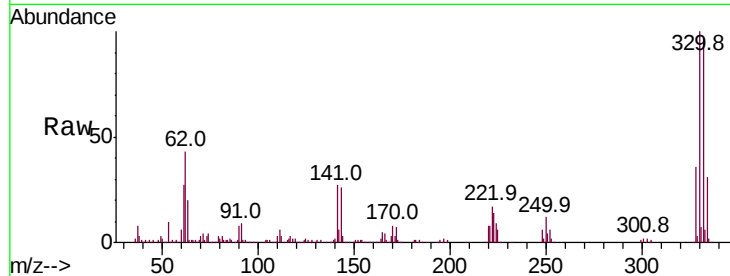




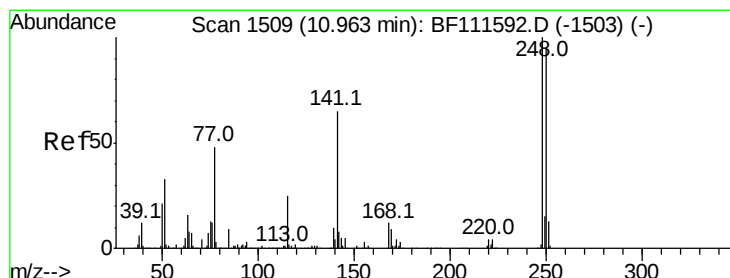
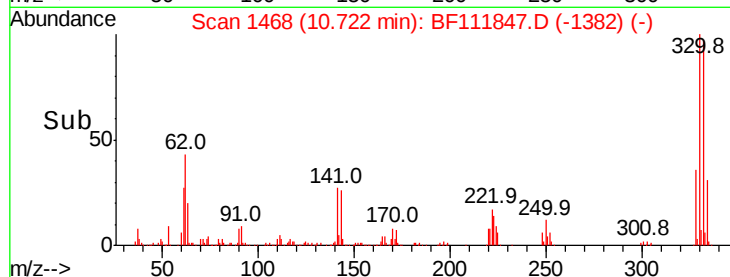
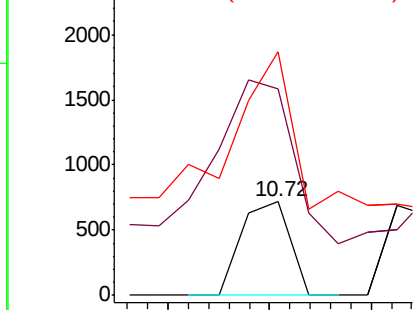
#65
4,6-Dinitro-2-methylphenol
Concen: 6.881 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.21 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Instrument :
BNA_G
ClientSampled :

Tot Ion:198 Resp: 476
Ion Ratio Lower Upper
198 100
51 220.3 48.0 88.0#
105 260.0 34.0 74.0#

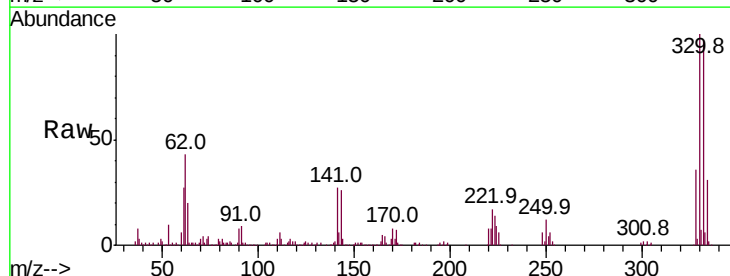


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

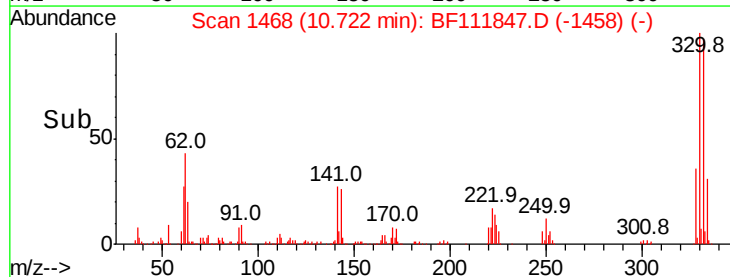
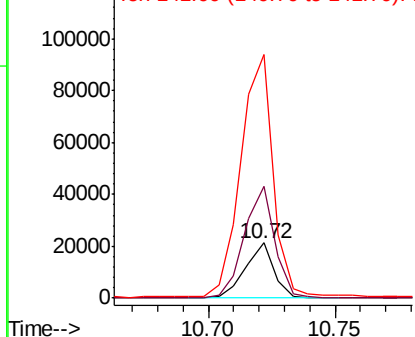


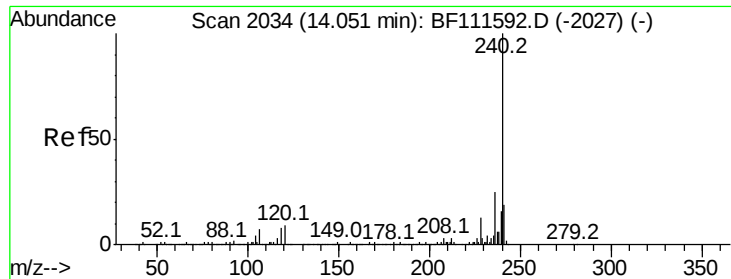
#67
4-Bromophenyl-phenylether
Concen: 2.553 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Tgt Ion:248 Resp: 16692
Ion Ratio Lower Upper
248 100
250 203.2 77.0 115.4#
141 443.7 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

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

Instrument :

BNA_G

ClientSampleId :

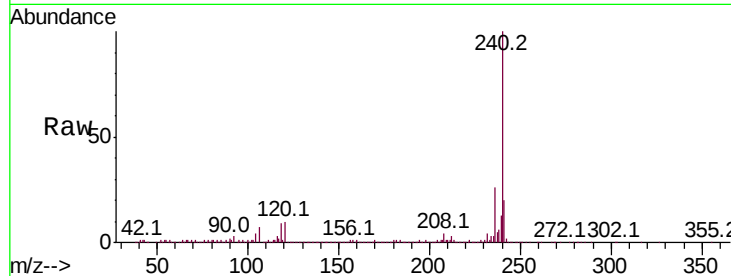
Tot Ion:240 Resp: 440773

Ion Ratio Lower Upper

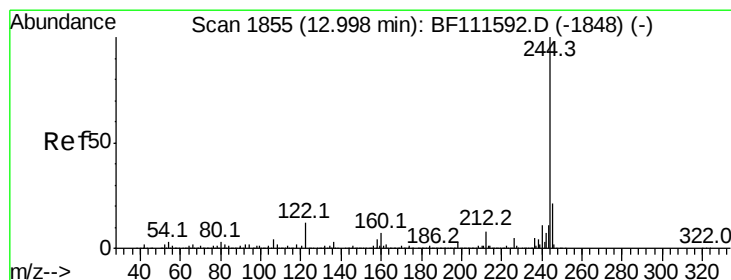
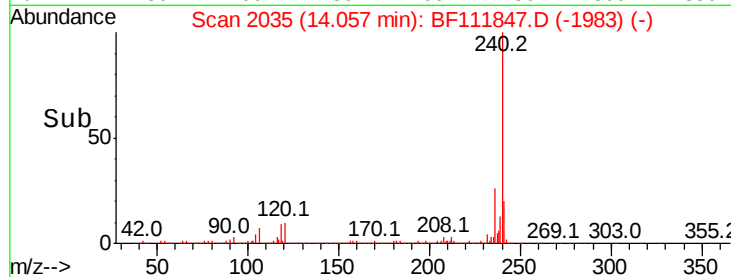
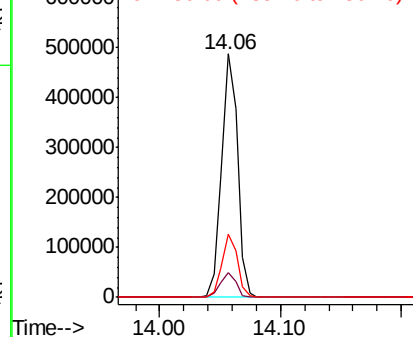
240 100

120 10.3 12.2 18.2#

236 26.1 20.2 30.2



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: 43.464 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF111847.D

Acq: 4 Jan 2019 16:25

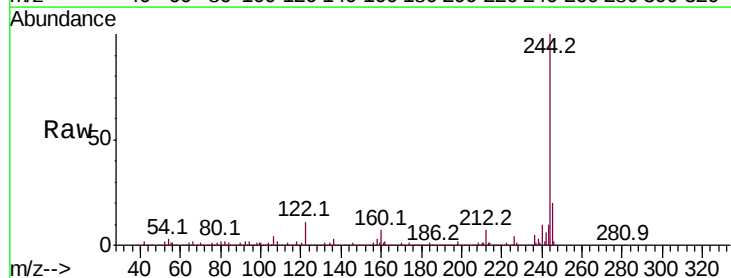
Tgt Ion:244 Resp: 1010198

Ion Ratio Lower Upper

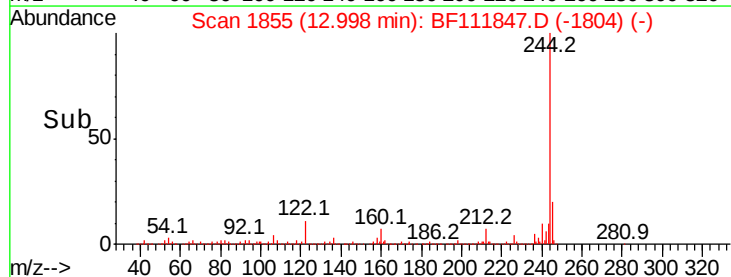
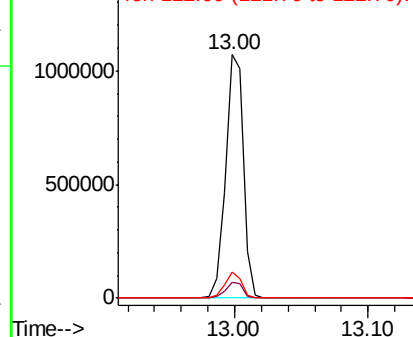
244 100

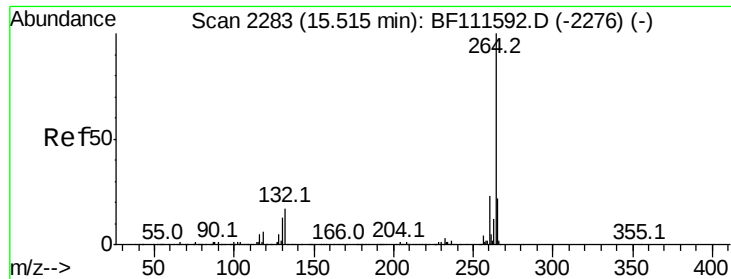
212 6.5 5.7 8.5

122 10.7 13.1 19.7#



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

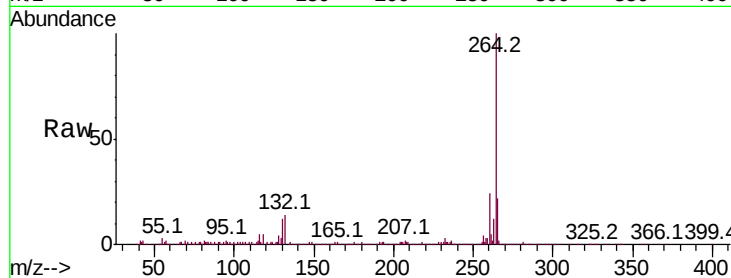




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111847.D
Acq: 4 Jan 2019 16:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

