

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010319\
 Data File : BF111824.D
 Acq On : 3 Jan 2019 16:43
 Operator : JU/SJ
 Sample : K1017-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

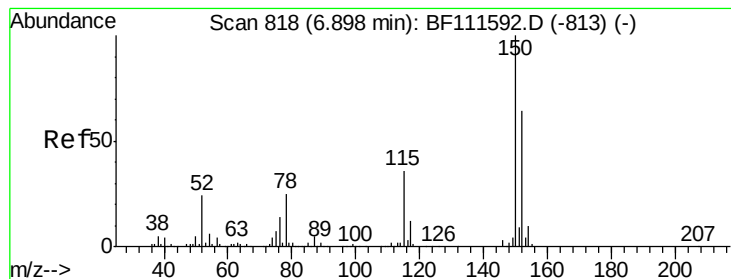
Quant Time: Jan 04 01:31:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	272980	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	894736	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	490590	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	649549	20.00	ng	0.01
76) Chrysene-d12	14.06	240	422560	20.00	ng	0.01
87) Perylene-d12	15.56	264	442342	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	1412131	88.18	ng	0.02
7) Phenol-d6	6.55	99	1851760	90.86	ng	0.02
23) Nitrobenzene-d5	7.46	82	1153615	75.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	562634	97.06	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1579286	46.92	ng	0.00
79) Terphenyl-d14	13.01	244	1263760	56.72	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.56	94	97099	4.222	ng	93
19) n-Nitroso-di-n-propylamine	7.46	70	155324	11.475	ng	# 76
25) Isophorone	7.46	82	1146949	42.030	ng	# 64
50) Dimethylphthalate	9.65	163	256951	7.162	ng	98
57) 2,4-Dinitrotoluene	9.94	165	63429	7.378	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.73	198	1054	7.031	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	33634	4.175	ng	# 1

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

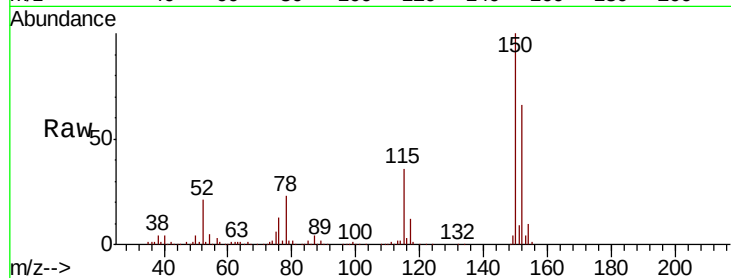


#1

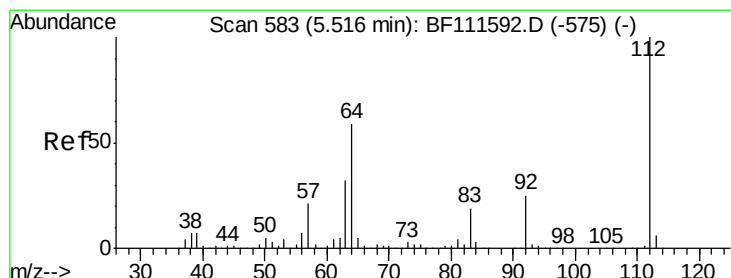
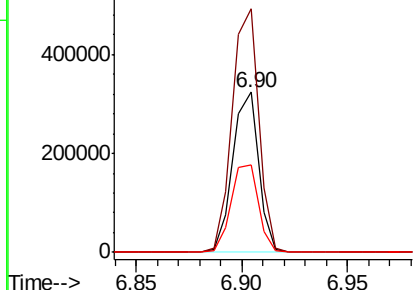
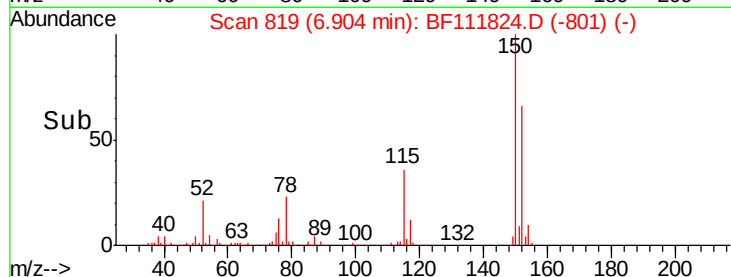
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 272980
Ion Ratio Lower Upper
152 100
150 152.3 126.6 189.8
115 54.8 50.7 76.1



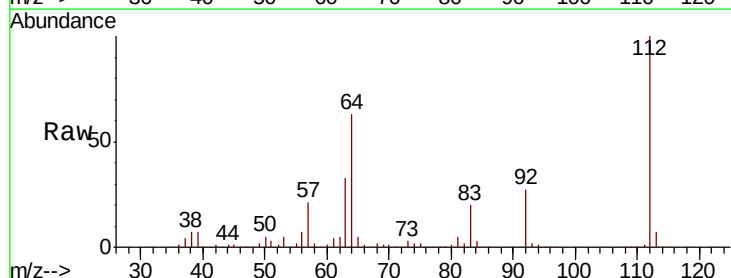
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



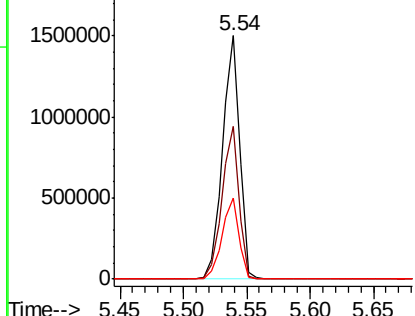
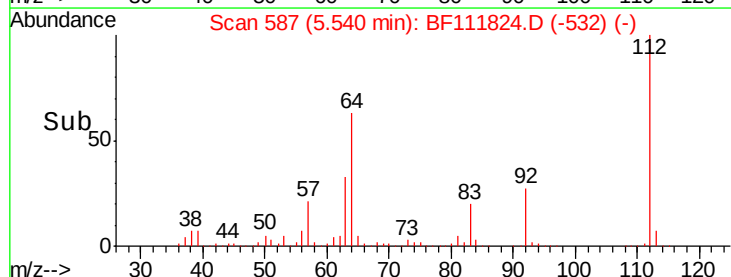
#5

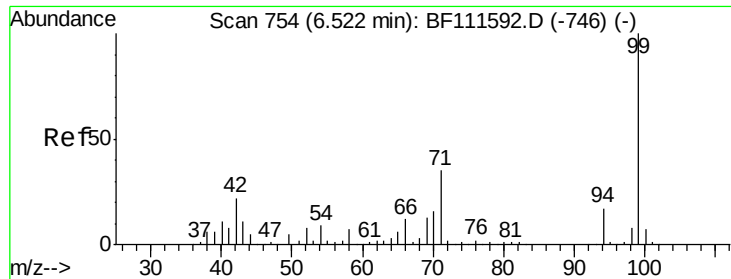
2-Fluorophenol
Concen: 88.176 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:112 Resp: 1412131
Ion Ratio Lower Upper
112 100
64 62.5 51.8 77.6
63 33.4 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: 90.855 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

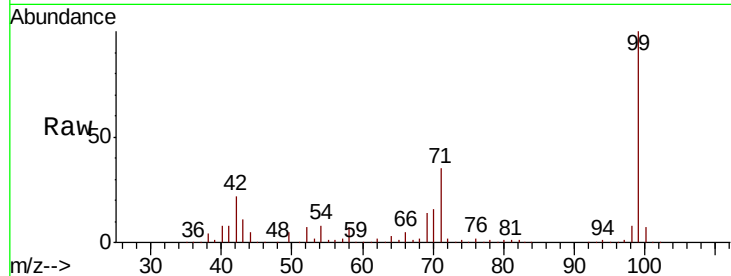
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1851760

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.4	26.0
71	35.4	26.1	39.1

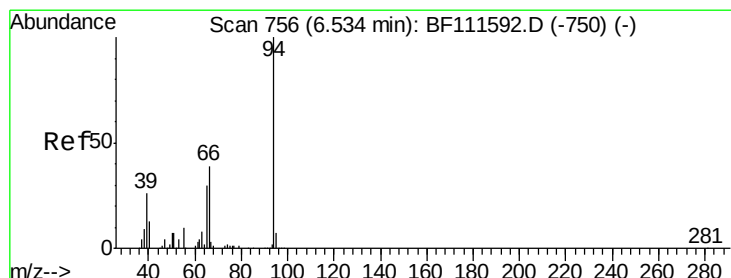
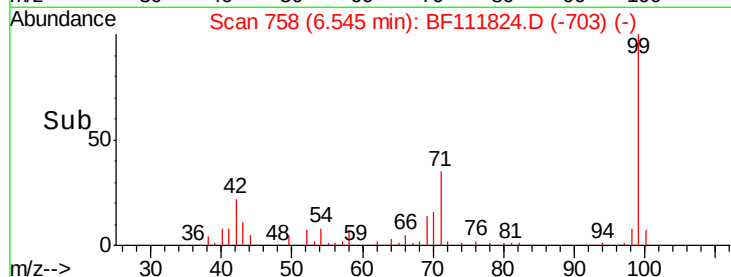
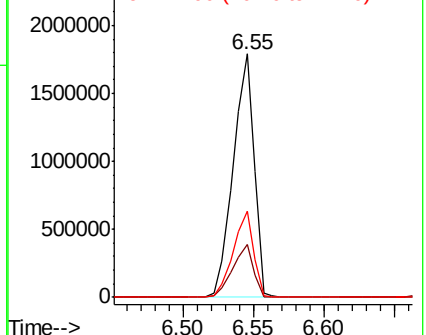


Abundance

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: 4.222 ng

RT: 6.56 min Scan# 760

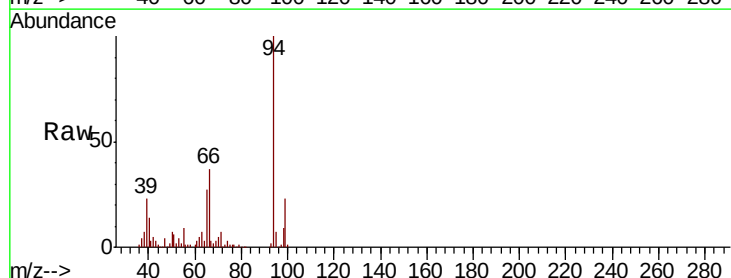
Delta R.T. 0.02 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

Tgt Ion: 94 Resp: 97099

Ion	Ratio	Lower	Upper
94	100		
65	27.5	11.7	51.7
66	36.6	21.0	61.0

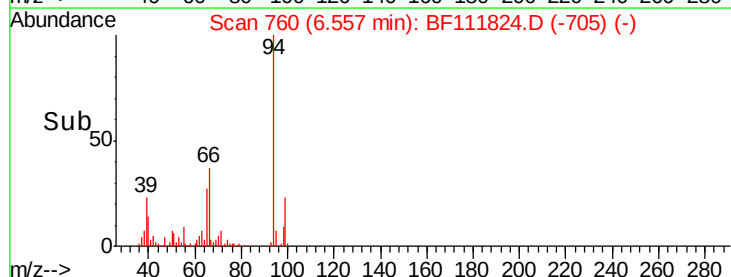
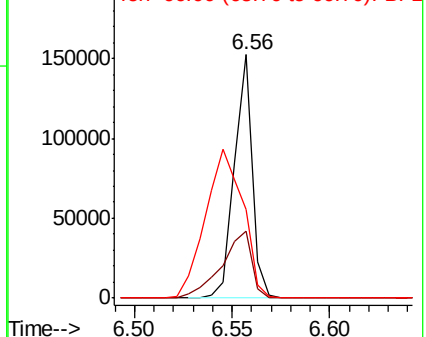


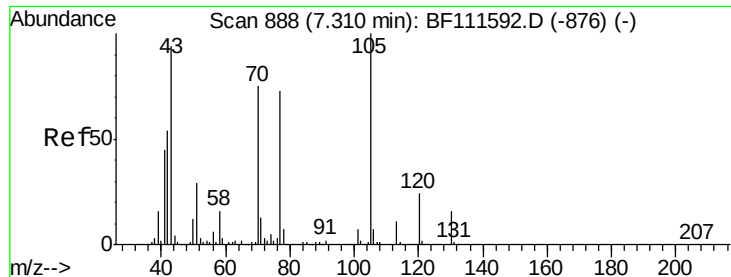
Abundance

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

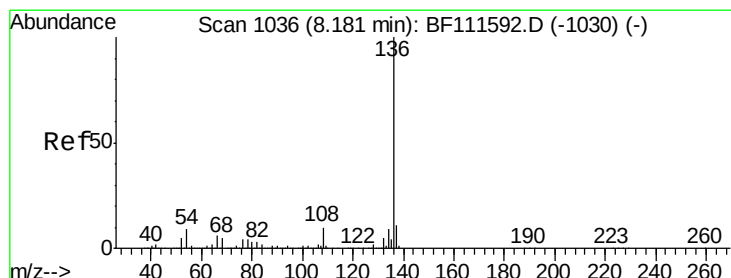
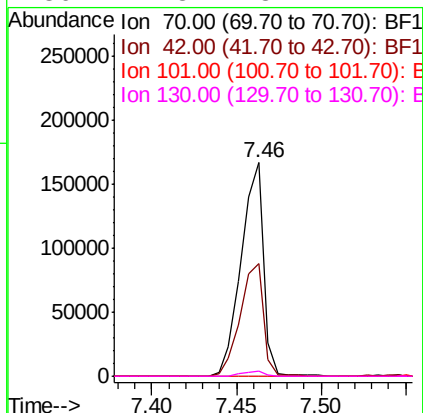
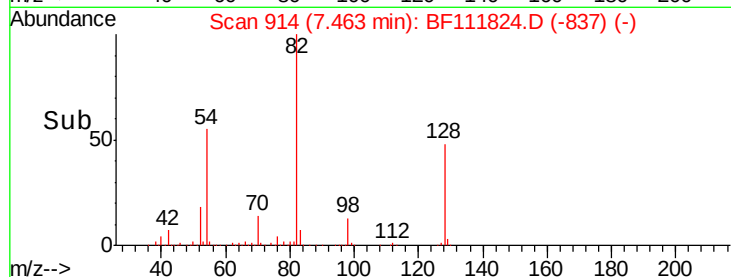
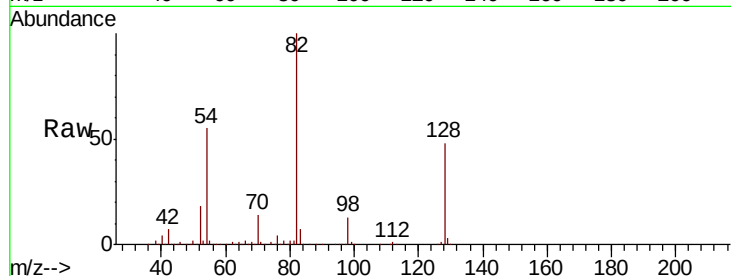




#19
n-Nitroso-di-n-propylamine
Concen: 11.475 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

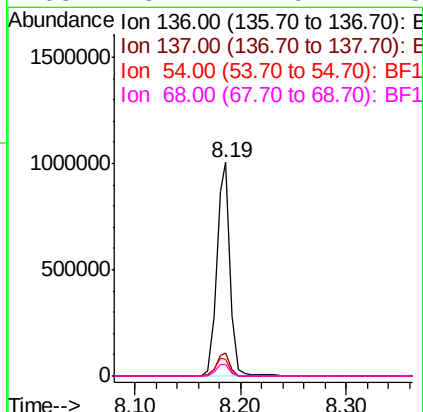
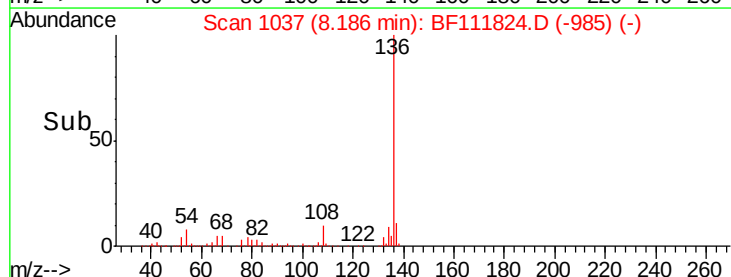
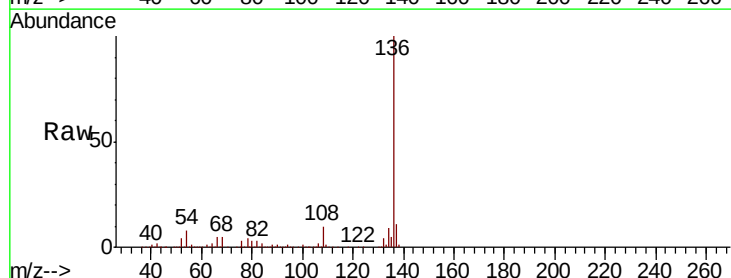
Instrument :
BNA_F
ClientSampleId :

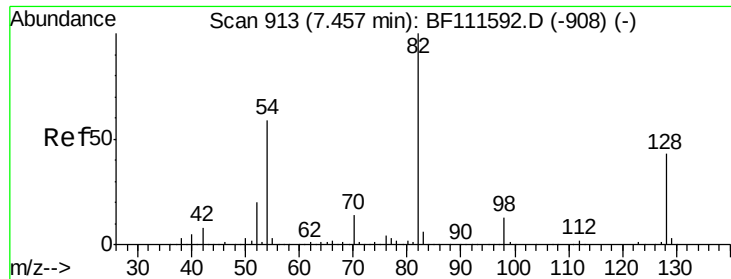
Tot Ion: 70 Resp: 155324
Ion Ratio Lower Upper
70 100
42 52.8 53.2 79.8#
101 0.0 8.2 12.4#
130 2.3 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:136 Resp: 894736
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.1 7.7 11.5
68 5.2 4.9 7.3

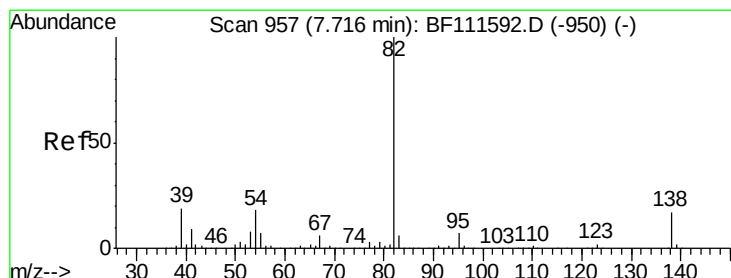
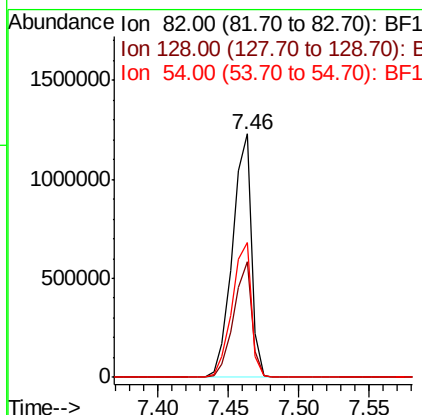
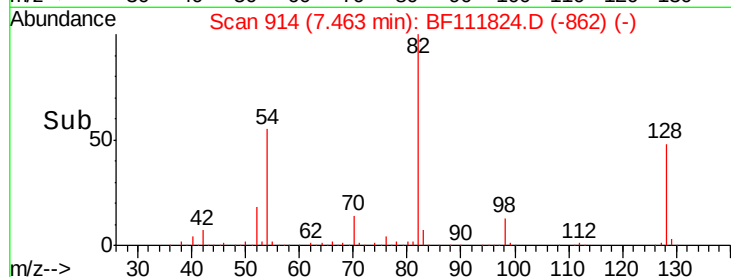
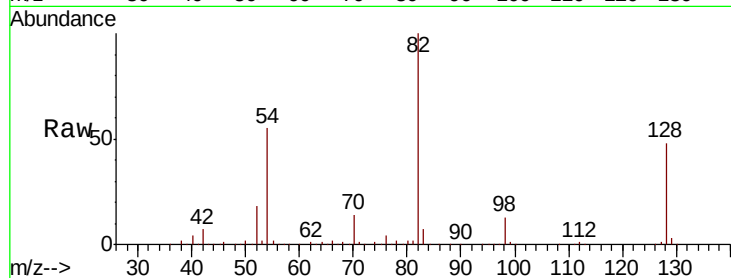




#23
Nitrobenzene-d5
Concen: 75.049 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

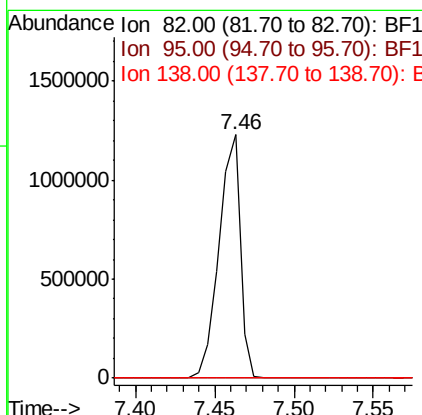
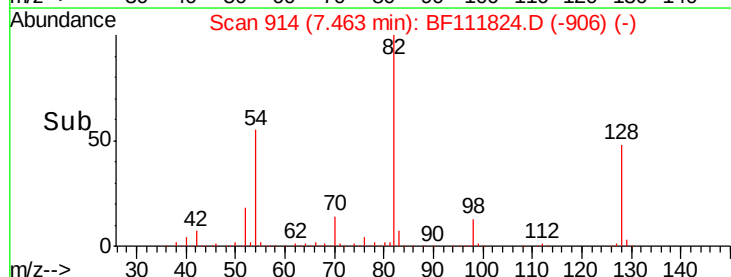
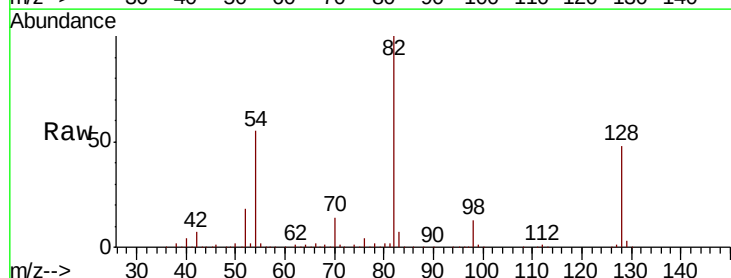
Instrument :
BNA_F
ClientSampled :

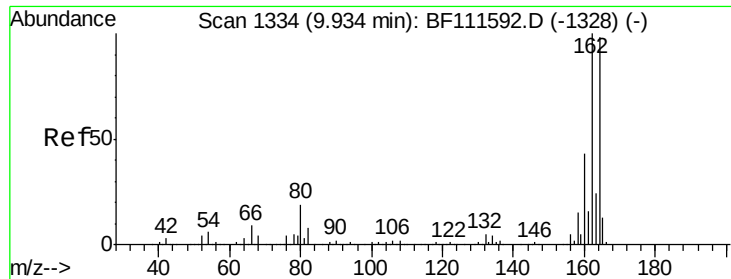
Tot Ion: 82 Resp: 1153615
Ion Ratio Lower Upper
82 100
128 47.6 37.4 56.2
54 55.3 47.6 71.4



#25
Isophorone
Concen: 42.030 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion: 82 Resp: 1146949
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 15.1 22.7#

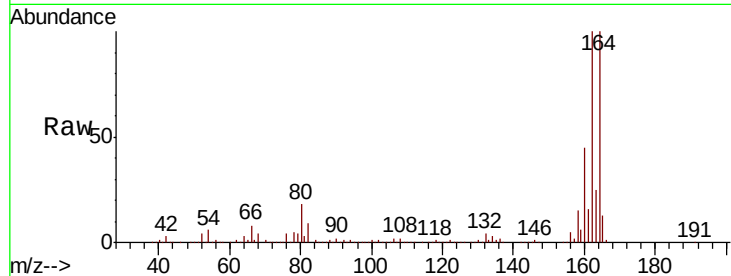




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111824.D
 Acq: 3 Jan 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.0
160	44.8	35.7	53.5

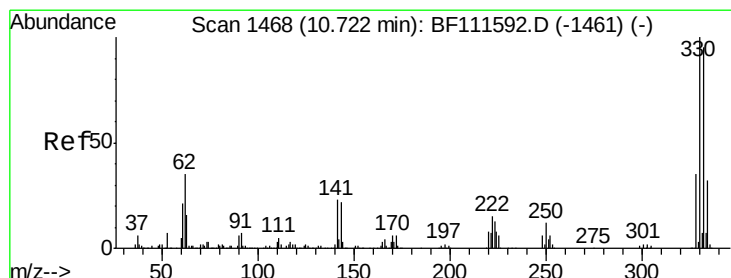
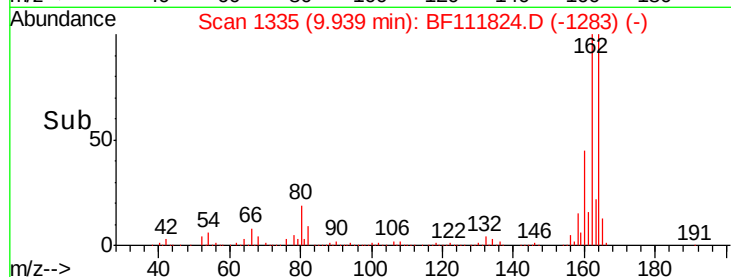
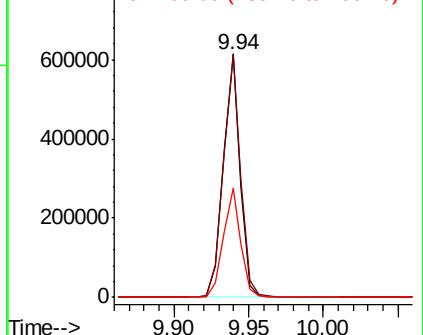


Abundance

Ion 164.00 (163.70 to 164.70): E

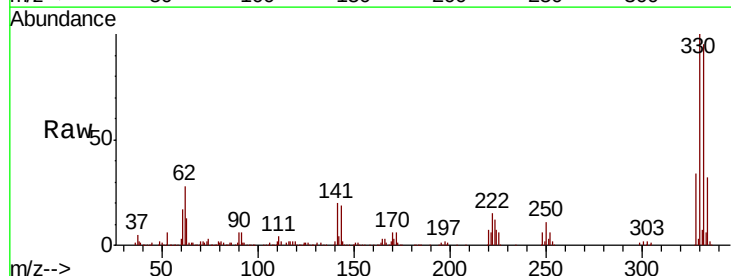
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
 2,4,6-Tribromophenol
 Concen: 97.061 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111824.D
 Acq: 3 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.0	114.0
141	27.6	31.0	46.6#

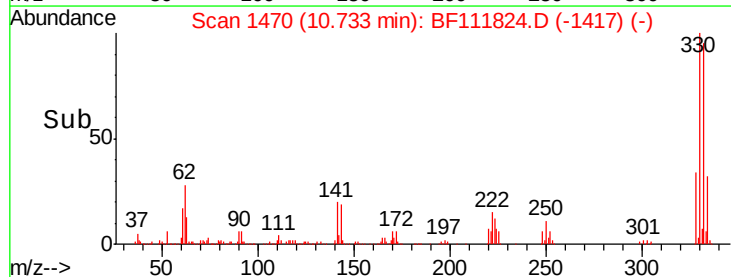
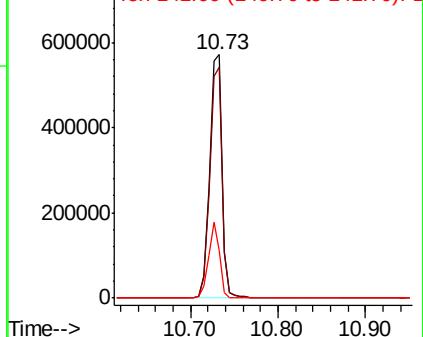


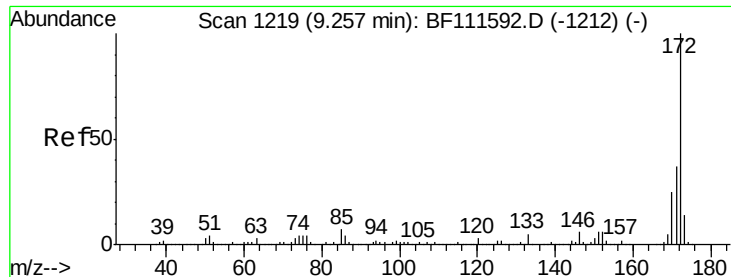
Abundance

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

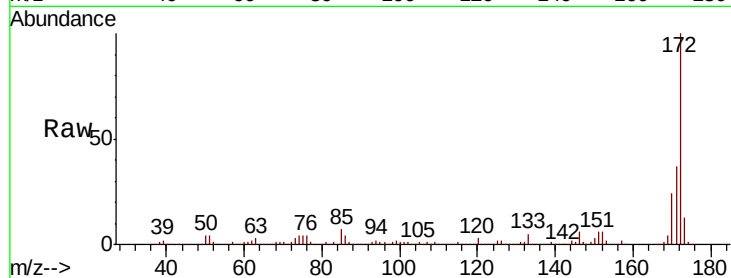




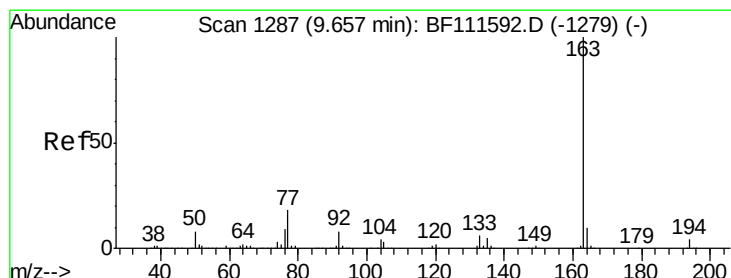
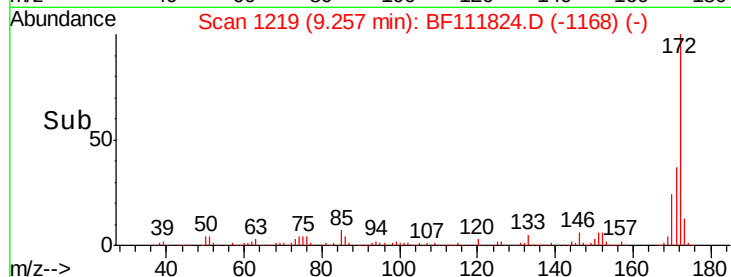
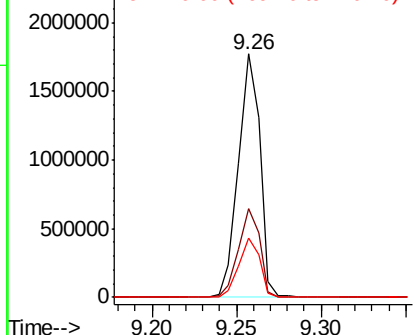
#45
2-Fluorobiphenyl
Concen: 46.922 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1579286
Ion Ratio Lower Upper
172 100
171 36.7 33.0 49.4
170 24.1 22.3 33.5

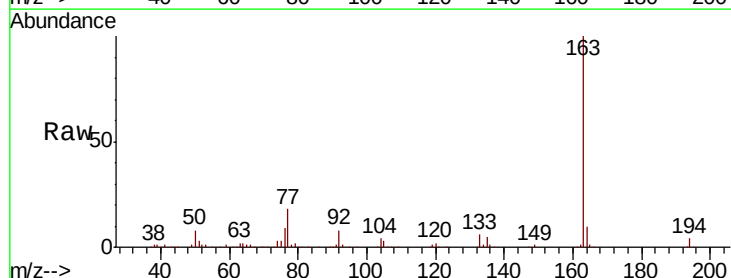


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

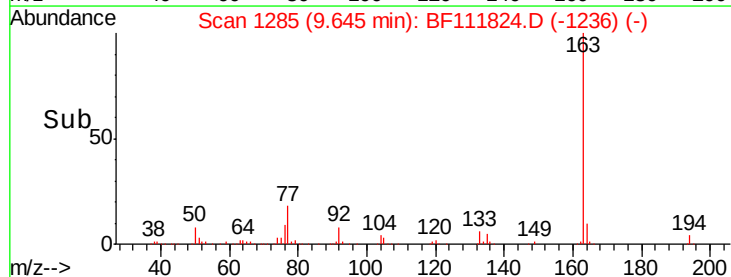
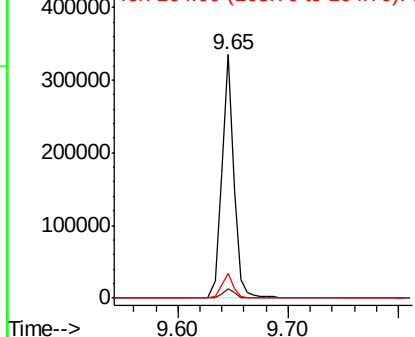


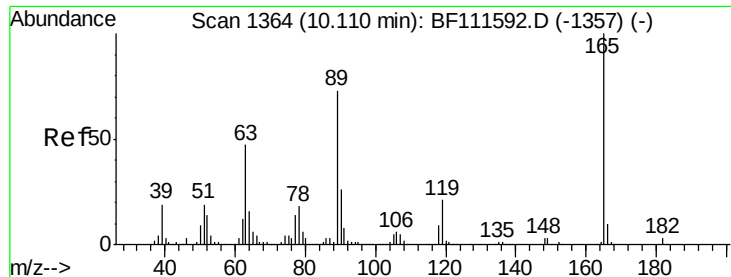
#50
Dimethylphthalate
Concen: 7.162 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:163 Resp: 256951
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 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

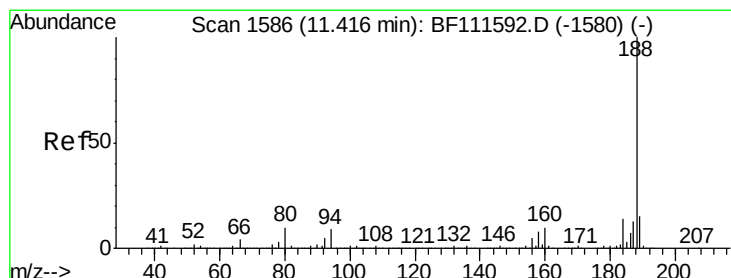
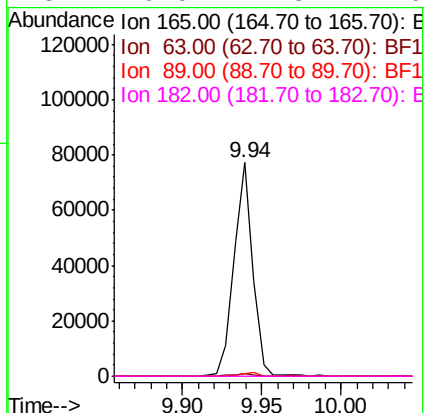
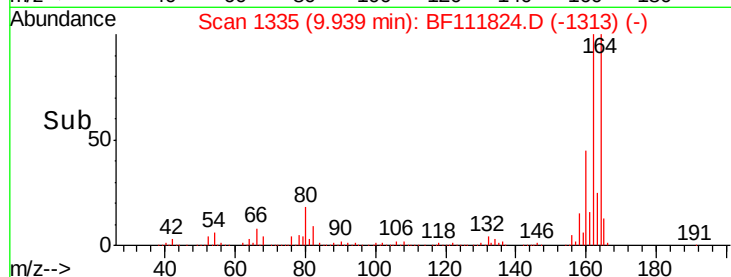
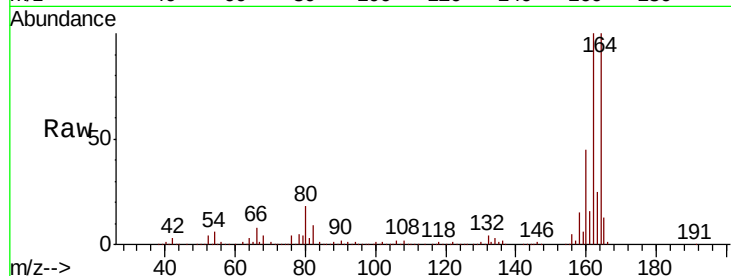




#57
2,4-Dinitrotoluene
Concen: 7.378 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

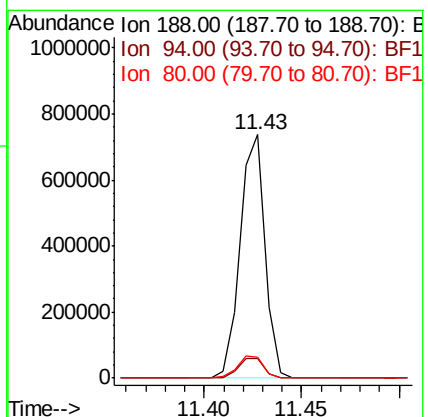
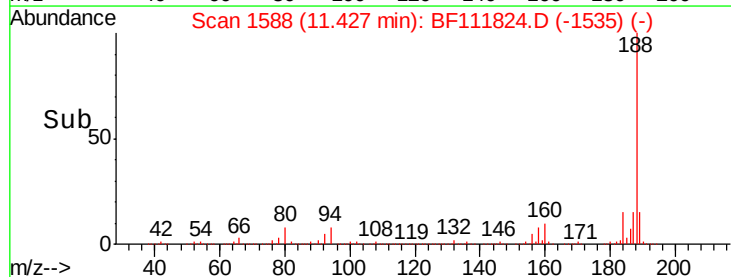
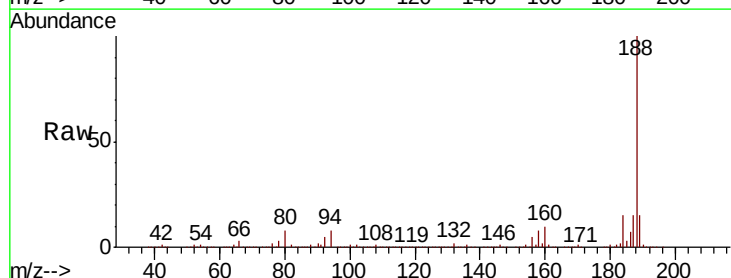
Instrument :
BNA_F
ClientSampleId :

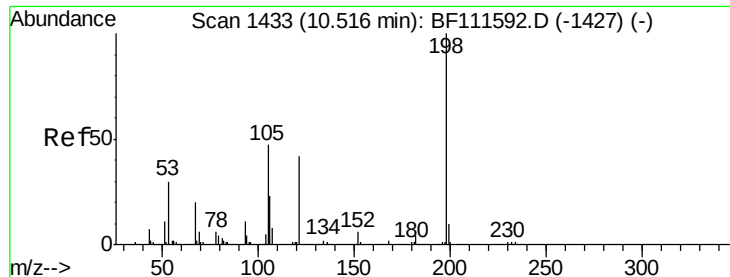
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.6	14.4#
80	8.5	9.8	14.6#

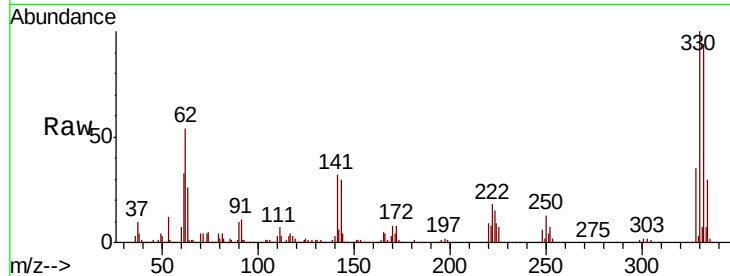




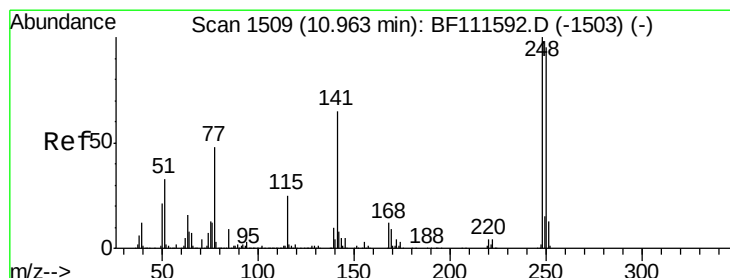
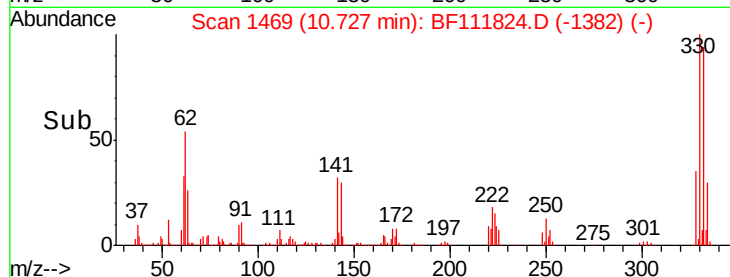
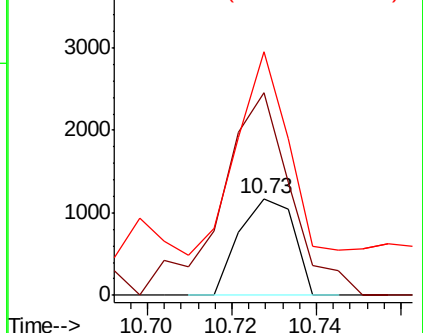
#65
4,6-Dinitro-2-methylphenol
Concen: 7.031 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 1054
Ion Ratio Lower Upper
198 100
51 209.7 48.0 88.0#
105 251.3 34.0 74.0#

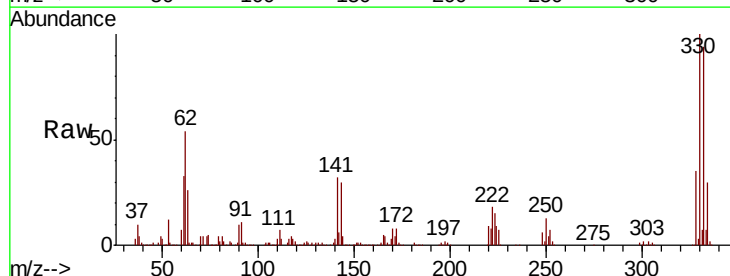


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

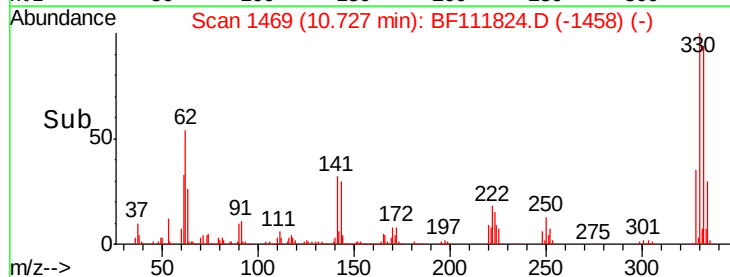
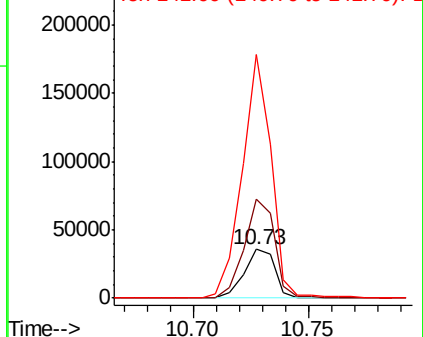


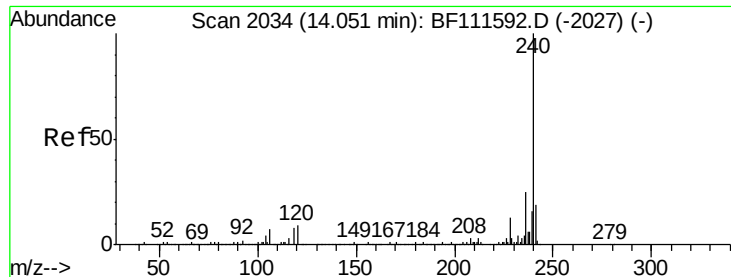
#67
4-Bromophenyl-phenylether
Concen: 4.175 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111824.D
Acq: 3 Jan 2019 16:43

Tgt Ion:248 Resp: 33634
Ion Ratio Lower Upper
248 100
250 204.3 77.0 115.4#
141 501.6 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# 2036

Delta R.T. 0.01 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

Instrument :

BNA_F

ClientSampleId :

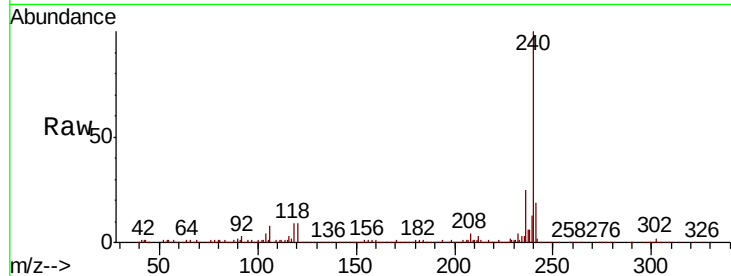
Tot Ion:240 Resp: 422560

Ion Ratio Lower Upper

240 100

120 9.3 12.2 18.2#

236 25.3 20.2 30.2

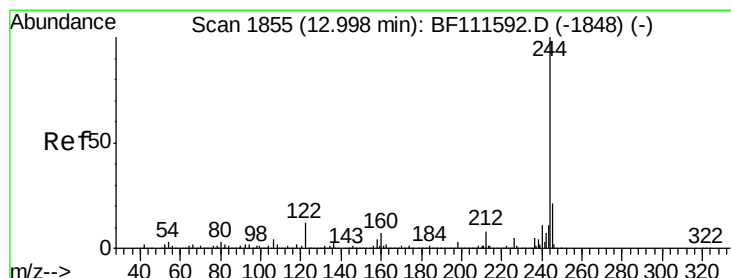
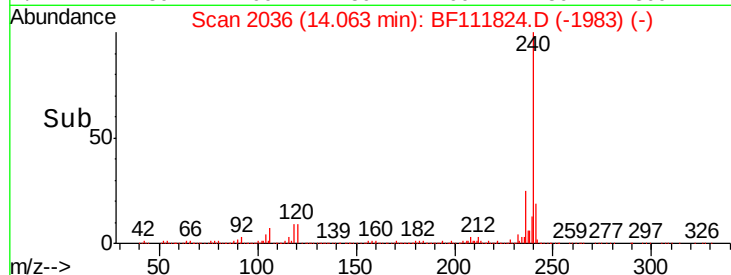
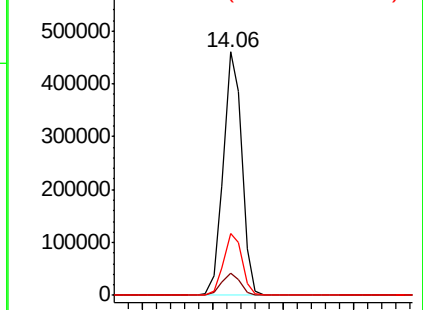


Abundance

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: 56.717 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111824.D

Acq: 3 Jan 2019 16:43

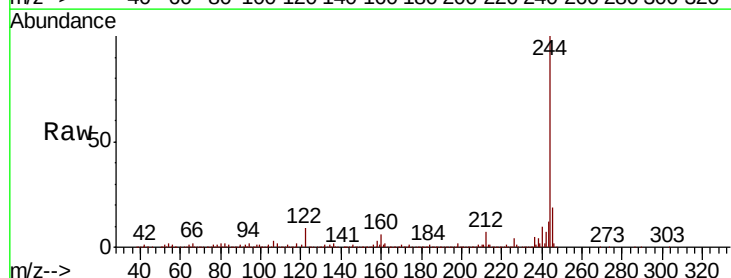
Tgt Ion:244 Resp: 1263760

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 9.3 13.1 19.7#

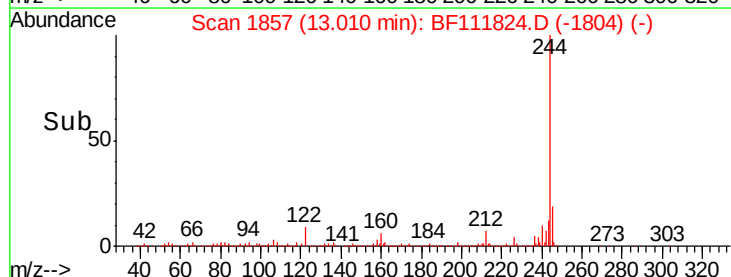
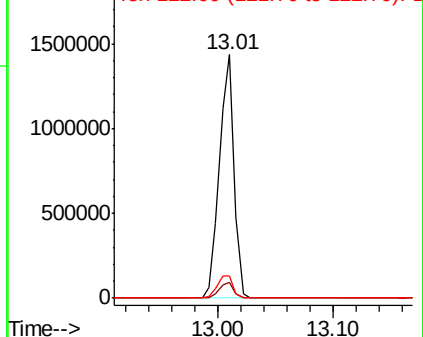


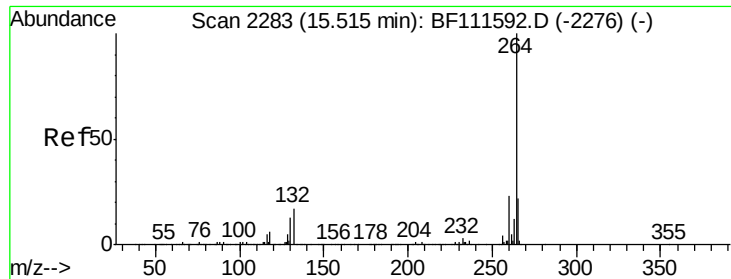
Abundance

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: 15.56 min Scan# 2290
 Delta R.T. 0.04 min
 Lab File: BF111824.D
 Acq: 3 Jan 2019 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.7	26.5

