

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101540.D
 Acq On : 19 Dec 2017 23:18
 Operator : SJ/JU
 Sample : I6924-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-4(5-9)

Quant Time: Dec 20 07:02:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

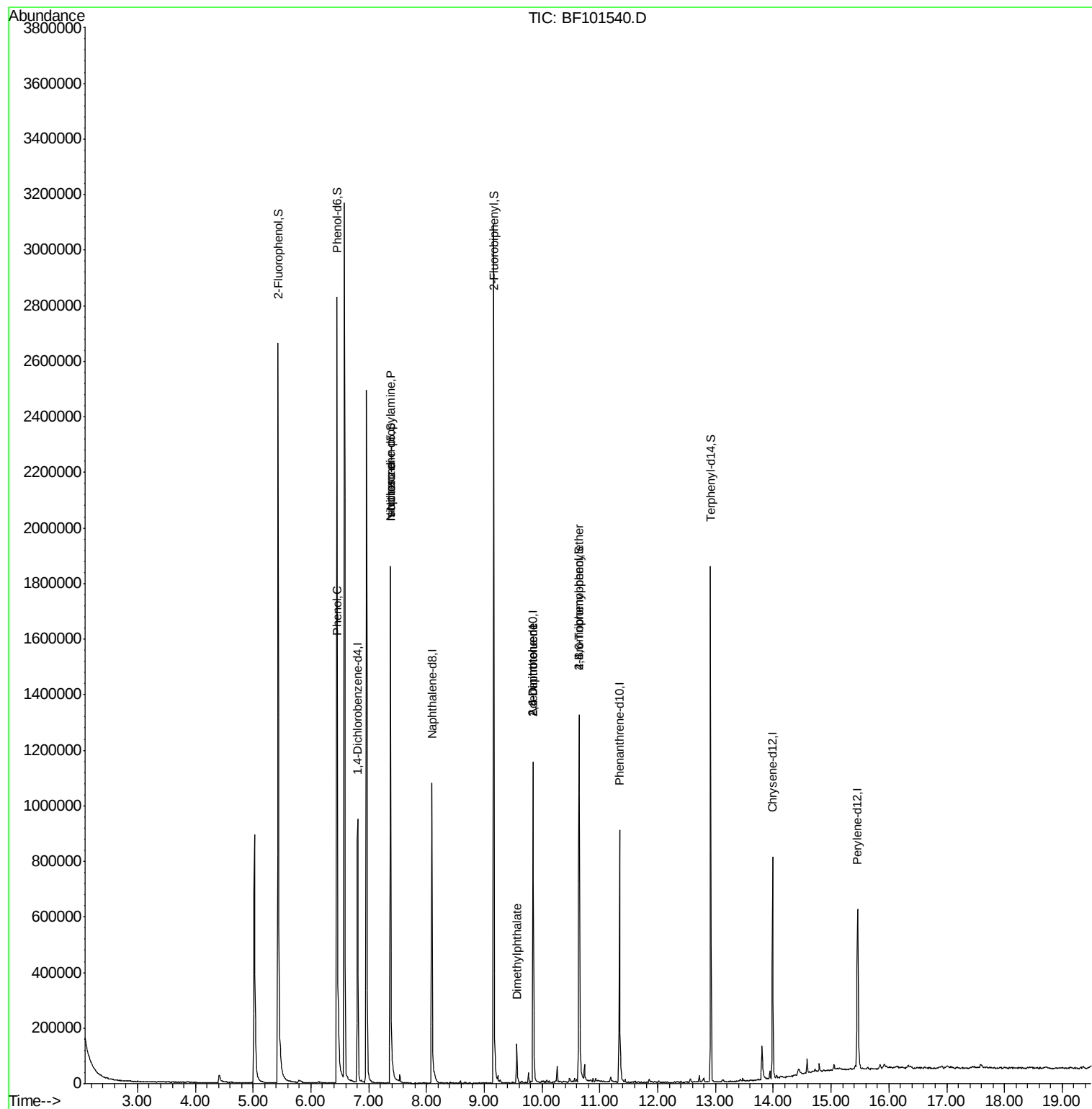
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150263	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590800	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	240475	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	365264	20.00	ng	0.00
75) Chrysene-d12	13.99	240	292923	20.00	ng	0.00
86) Perylene-d12	15.46	264	320177	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	917194	90.92	ng	0.01
7) Phenol-d6	6.45	99	1112339	88.60	ng	0.00
23) Nitrobenzene-d5	7.37	82	716807	67.54	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	180114	77.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1015598	65.51	ng	0.00
78) Terphenyl-d14	12.92	244	661101	54.41	ng	0.00
Target Compounds						
10) Phenol	6.46	94	51830	3.622	ng	81
19) n-Nitroso-di-n-propylamine	7.37	70	96033	11.648	ng	# 82
25) Isophorone	7.37	82	716802	33.667	ng	# 64
49) Dimethylphthalate	9.56	163	65344	3.378	ng	99
50) 2,6-Dinitrotoluene	9.85	165	29634	7.538	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	29634	6.690	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	11819	2.880	ng	# 1

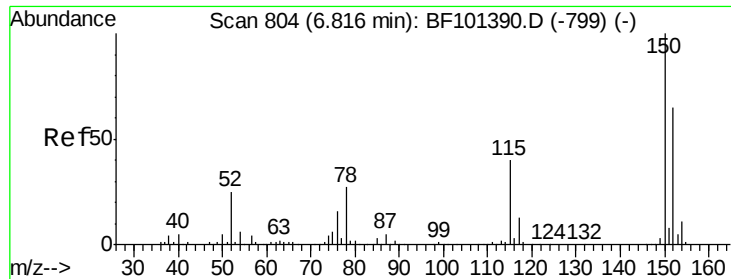
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101540.D
Acq On : 19 Dec 2017 23:18
Operator : SJ/JU
Sample : I6924-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-125-4(5-9)

Quant Time: Dec 20 07:02:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

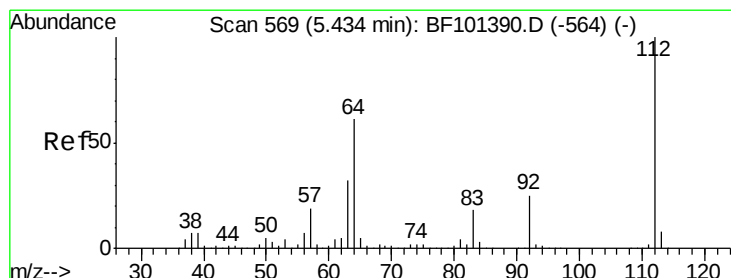
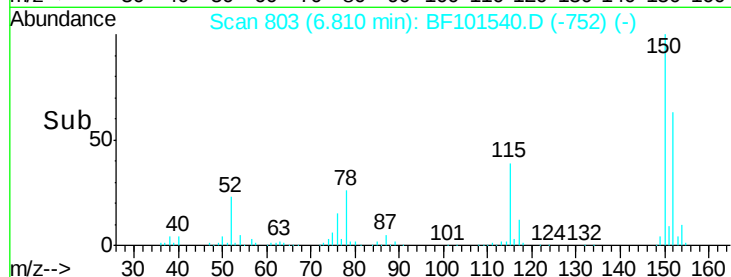
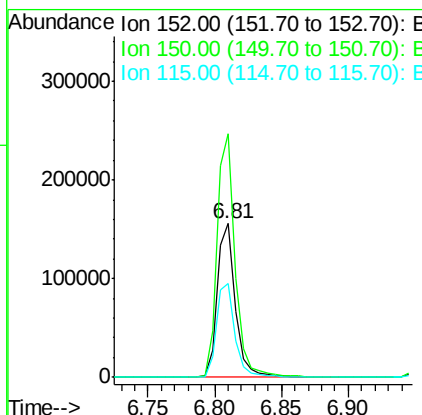
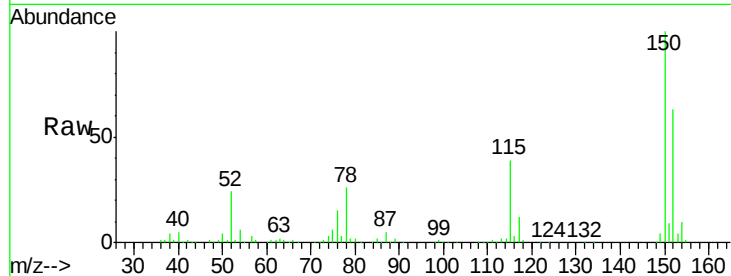




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF101540.D
 Acq: 19 Dec 2017 23:18

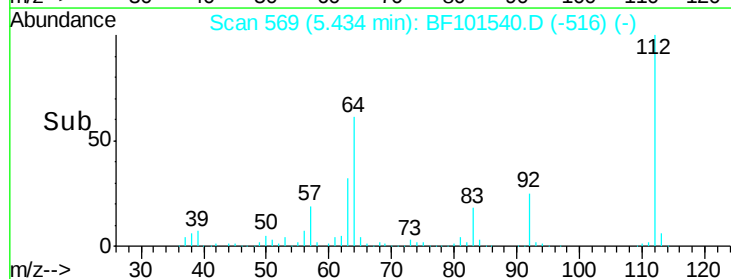
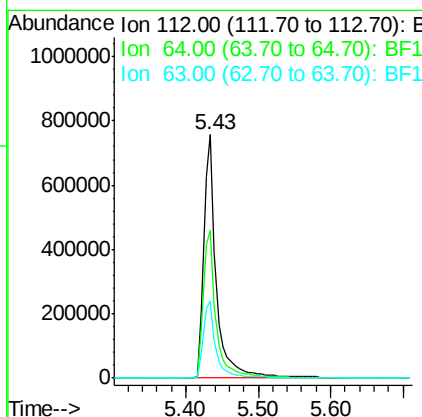
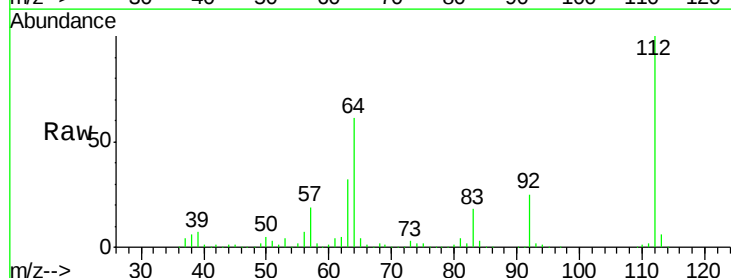
Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-4(5-9)

Tot Ion:152 Resp: 150263
 Ion Ratio Lower Upper
 152 100
 150 158.5 124.6 186.8
 115 61.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 90.923 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.01 min
 Lab File: BF101540.D
 Acq: 19 Dec 2017 23:18

Tgt Ion:112 Resp: 917194
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 31.9 23.7 35.5





#7

Phenol-d6

Concen: 88.601 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101540.D

Acq: 19 Dec 2017 23:18

Instrument :

BNA_F

ClientSampleId :

EPE-125-4(5-9)

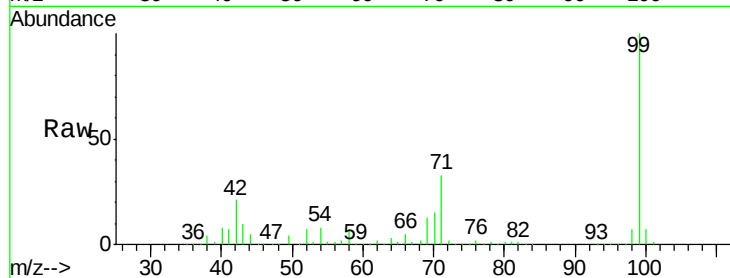
Tot Ion: 99 Resp: 1112339

Ion Ratio Lower Upper

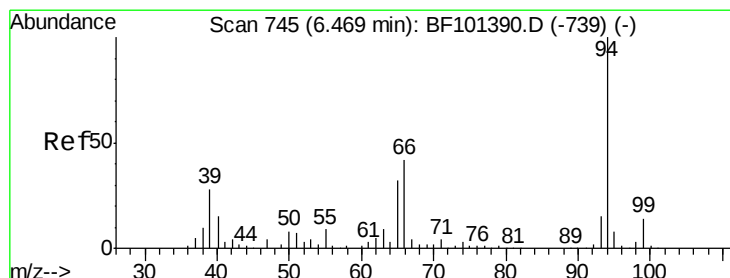
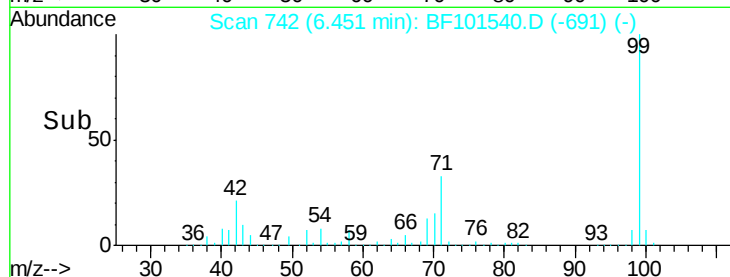
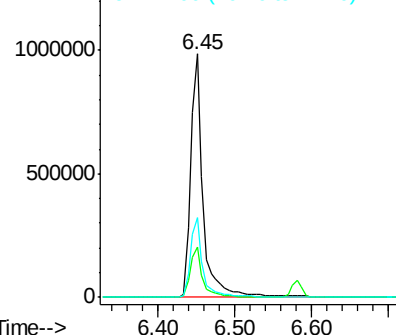
99 100

42 20.7 14.5 21.7

71 32.8 25.4 38.0



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: 3.622 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101540.D

Acq: 19 Dec 2017 23:18

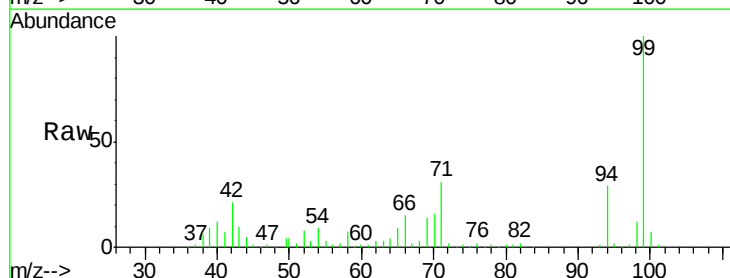
Tgt Ion: 94 Resp: 51830

Ion Ratio Lower Upper

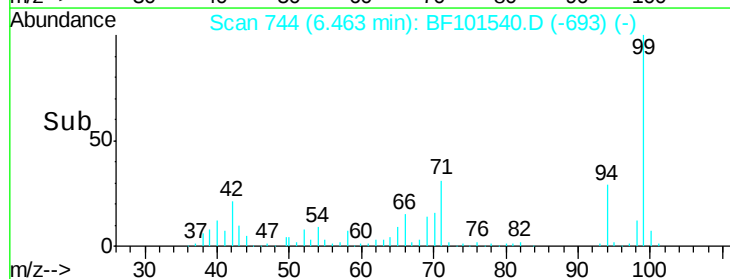
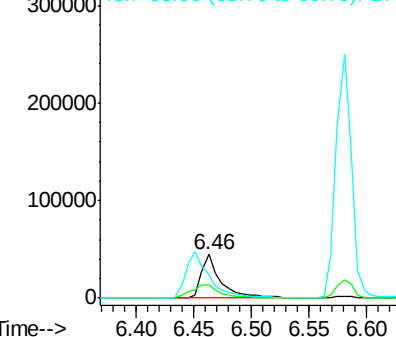
94 100

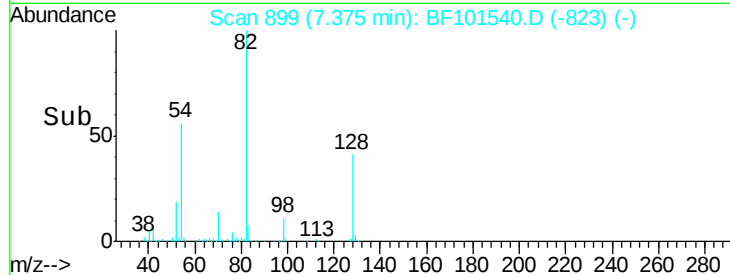
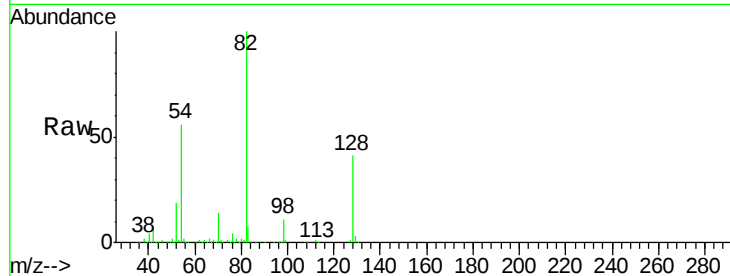
65 31.2 7.9 47.9

66 52.8 16.2 56.2



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

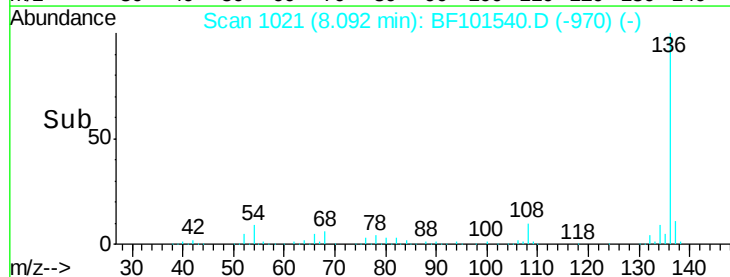
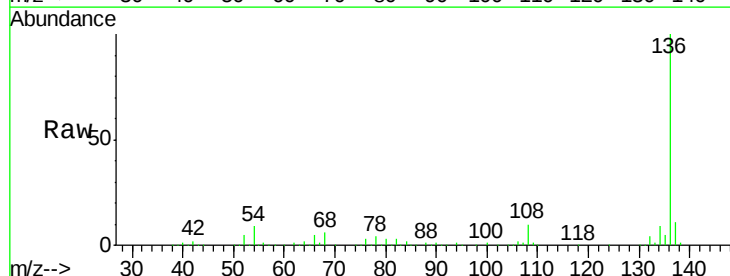
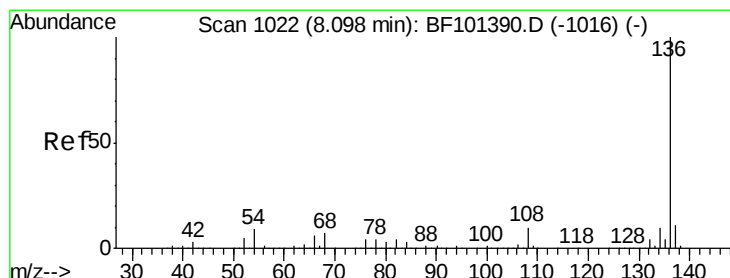
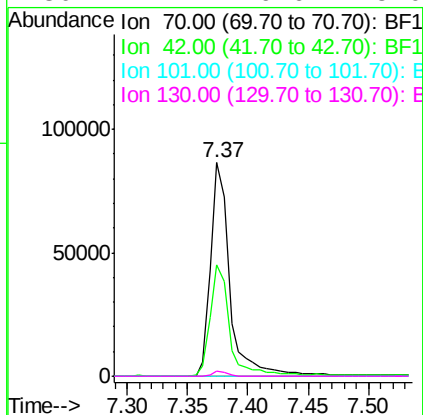




#19
n-Nitroso-di-n-propylamine
Concen: 11.648 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

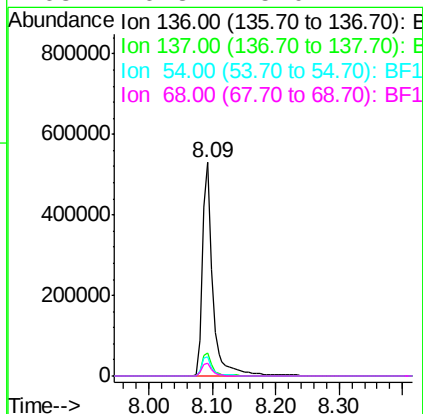
Instrument :
BNA_F
ClientSampleId :
EPE-125-4(5-9)

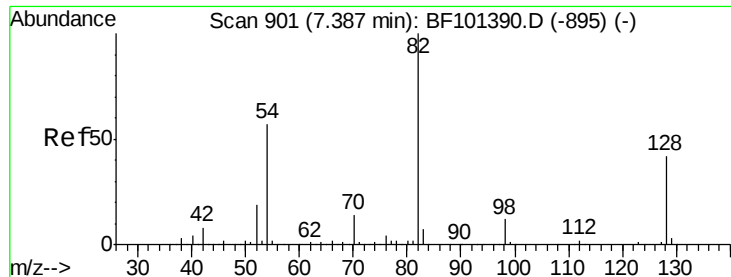
Tot Ion: 70 Resp: 96033
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Tgt Ion:136 Resp: 590800
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.9 6.6 9.8
68 6.3 5.0 7.4

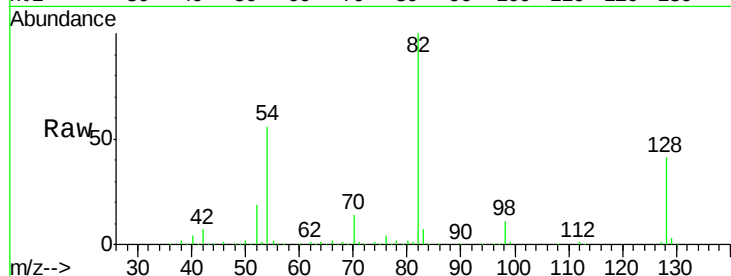




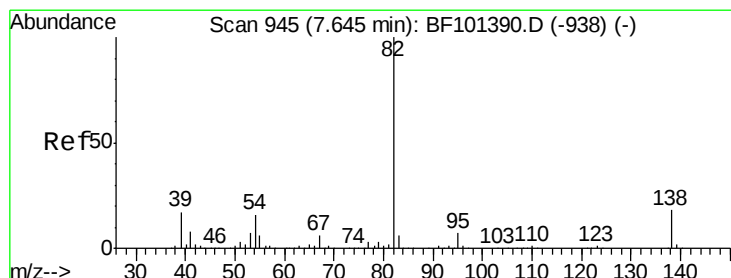
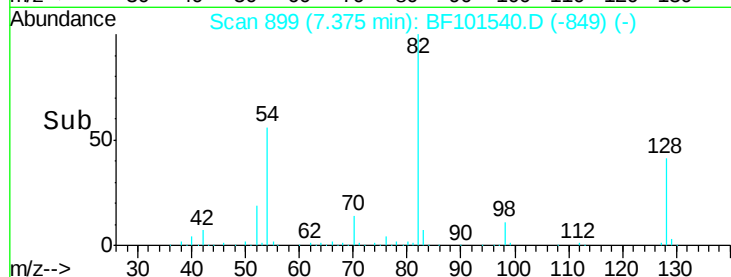
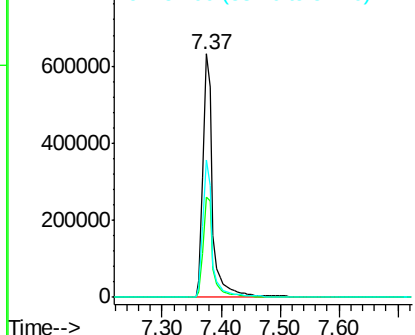
#23
Nitrobenzene-d5
Concen: 67.538 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Instrument :
BNA_F
ClientSampleId :
EPE-125-4(5-9)

Tot Ion	82	Resp	716807
Ion Ratio	Lower	Upper	
82	100		
128	41.2	36.1	54.1
54	56.4	41.4	62.2

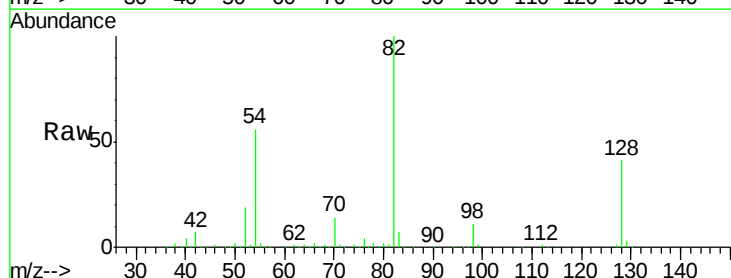


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

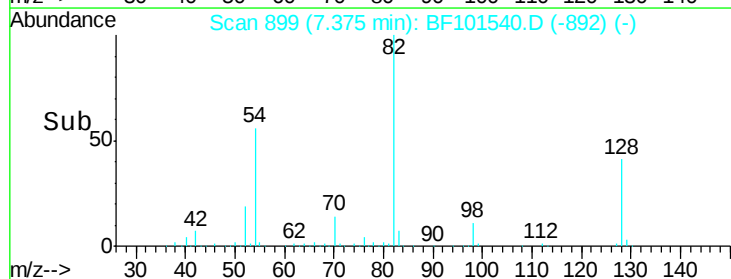
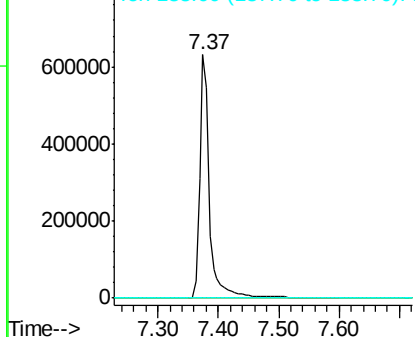


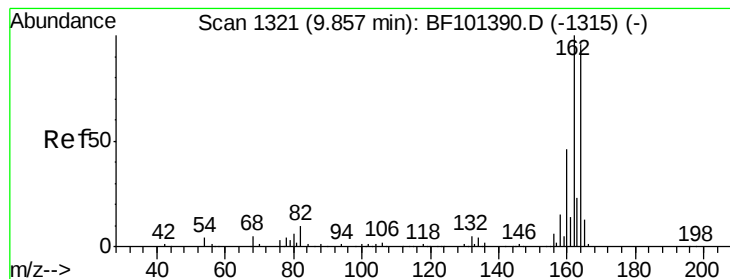
#25
Isophorone
Concen: 33.667 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Tgt Ion	82	Resp	716802
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101540.D

Acq: 19 Dec 2017 23:18

Instrument :

BNA_F

ClientSampleId :

EPE-125-4(5-9)

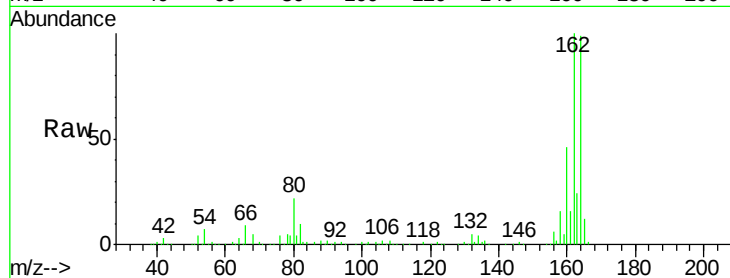
Tot Ion:164 Resp: 240475

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

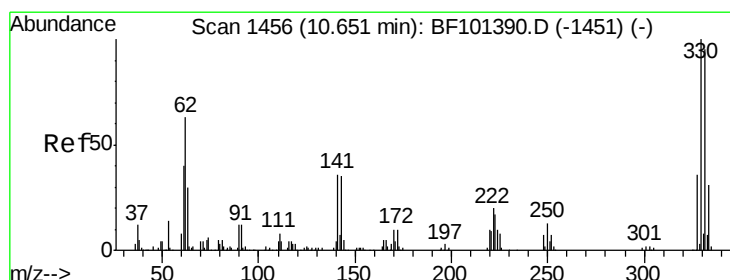
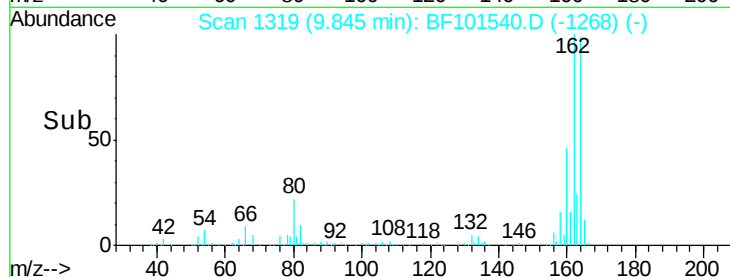
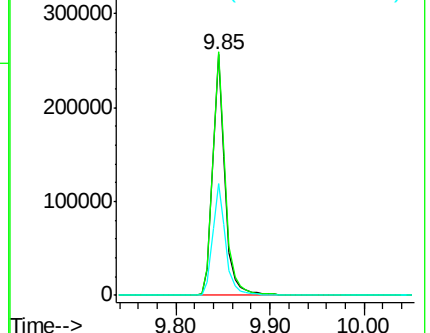
160 46.4 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 77.730 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101540.D

Acq: 19 Dec 2017 23:18

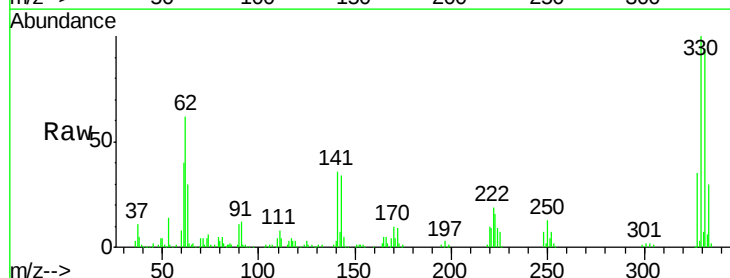
Tgt Ion:330 Resp: 180114

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

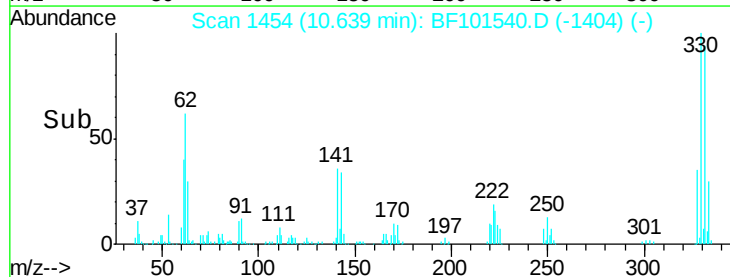
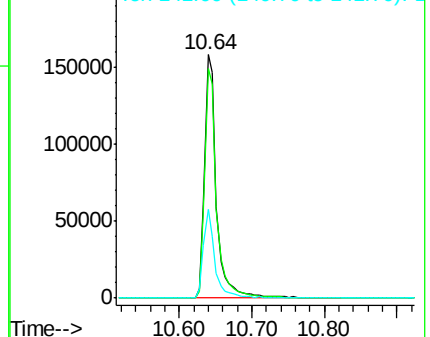
141 35.5 29.9 44.9

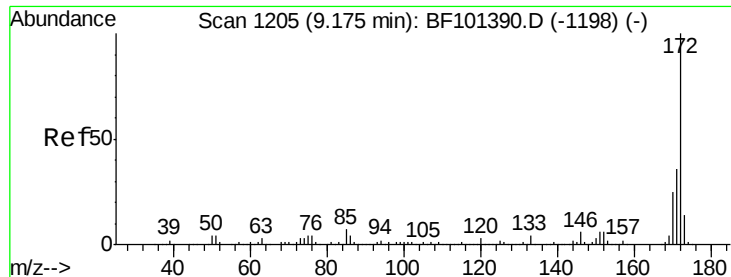


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

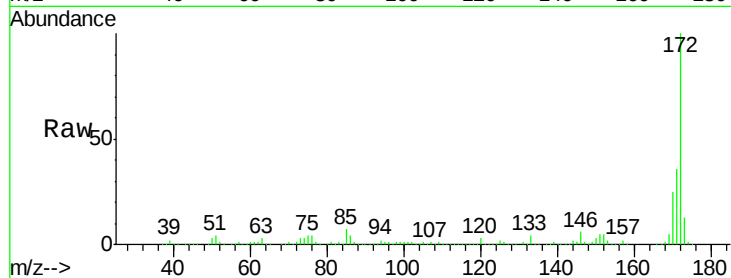




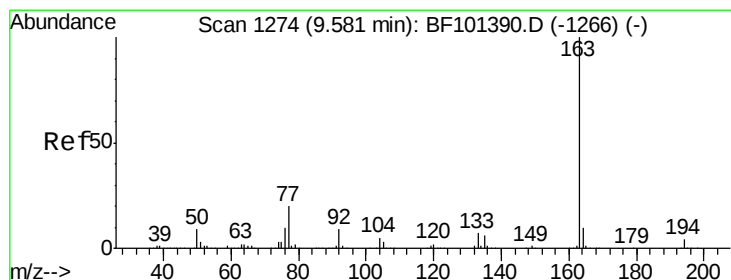
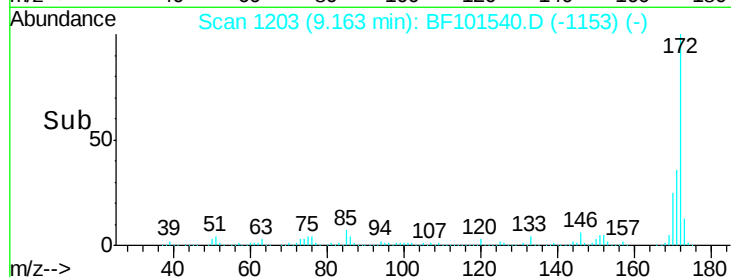
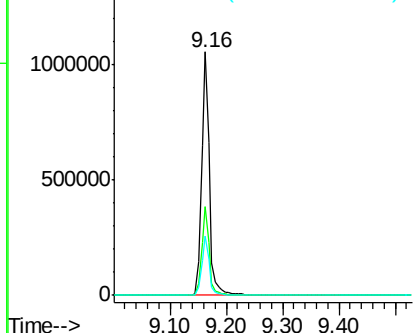
#44
2-Fluorobiphenyl
Concen: 65.514 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Instrument :
BNA_F
ClientSampleId :
EPE-125-4(5-9)

Tot Ion:172 Resp: 1015598
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.6 19.6 29.4

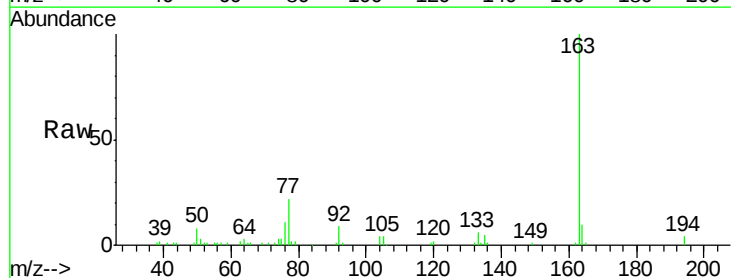


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

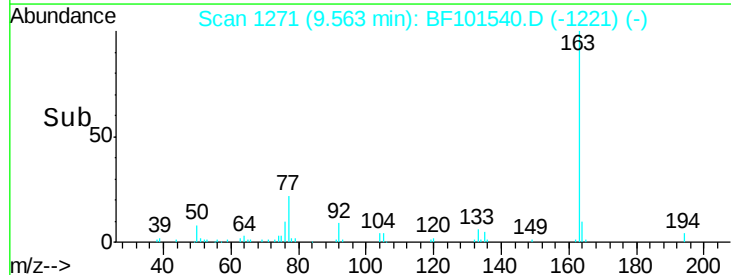
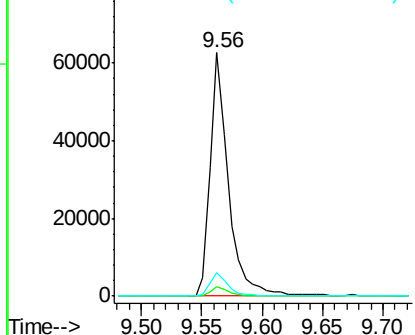


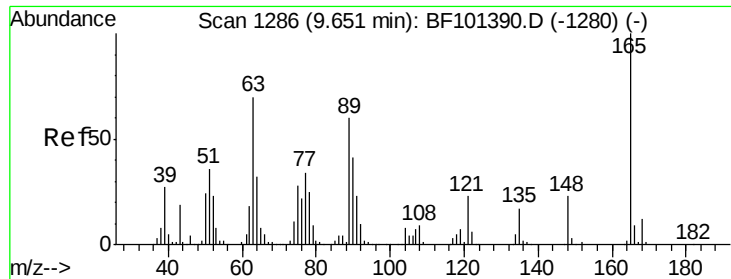
#49
Dimethylphthalate
Concen: 3.378 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Tgt Ion:163 Resp: 65344
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 8.2 12.2



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

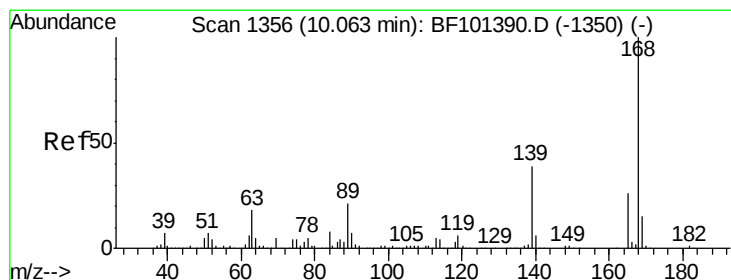
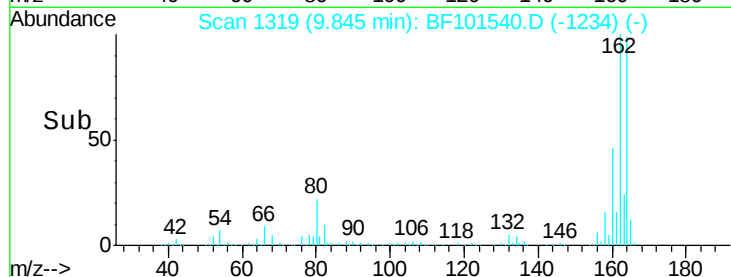
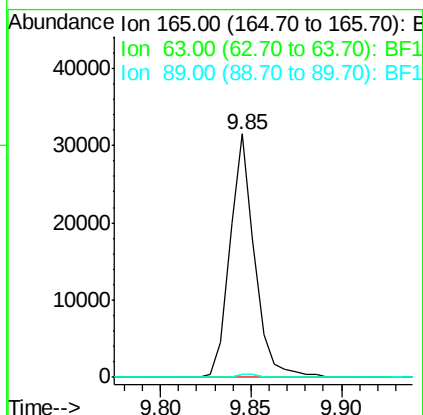
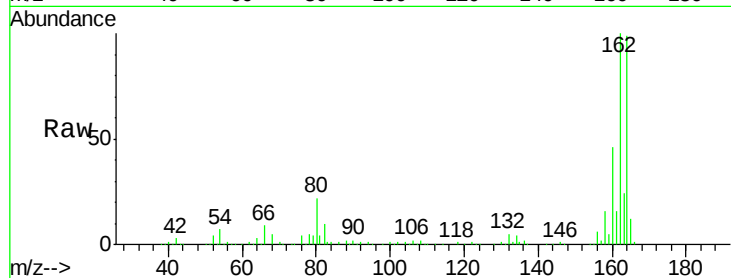




#50
 2,6-Dinitrotoluene
 Concen: 7.538 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.20 min
 Lab File: BF101540.D
 Acq: 19 Dec 2017 23:18

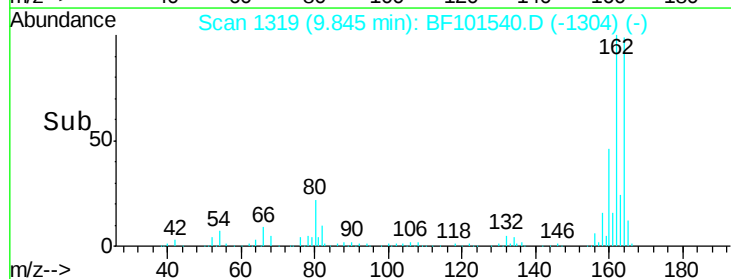
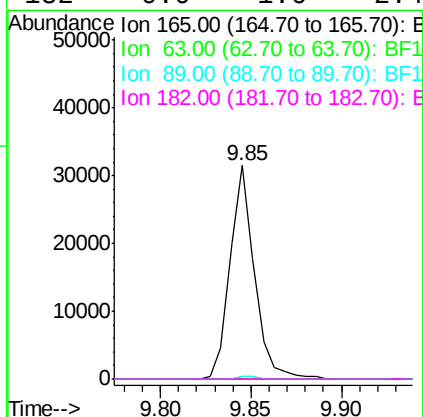
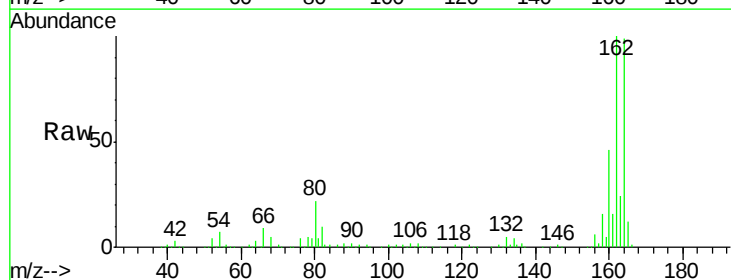
Instrument :
 BNA_F
 ClientSampleId :
 EPE-125-4(5-9)

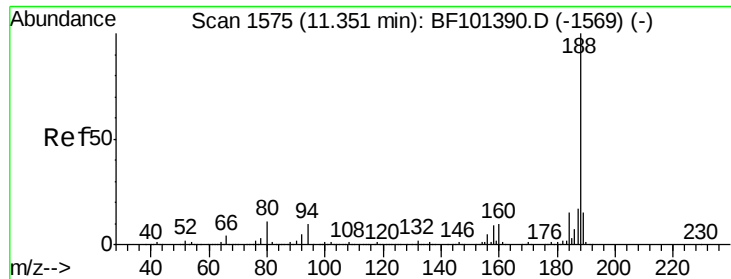
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.690 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF101540.D
 Acq: 19 Dec 2017 23:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

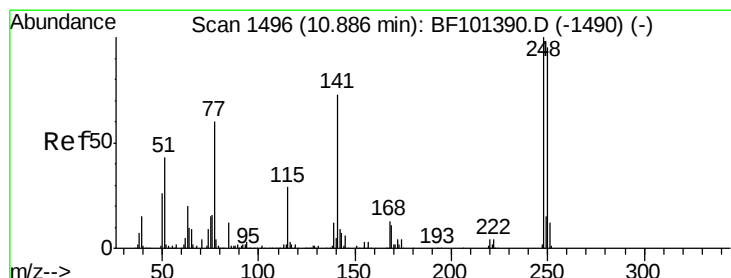
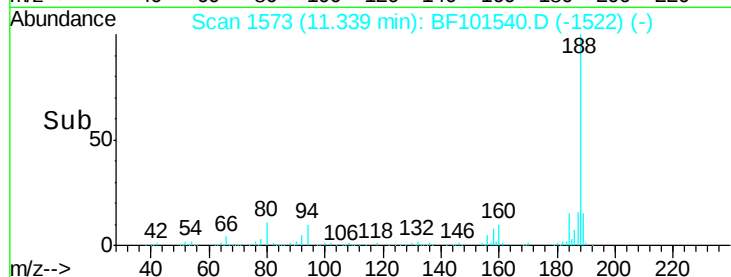
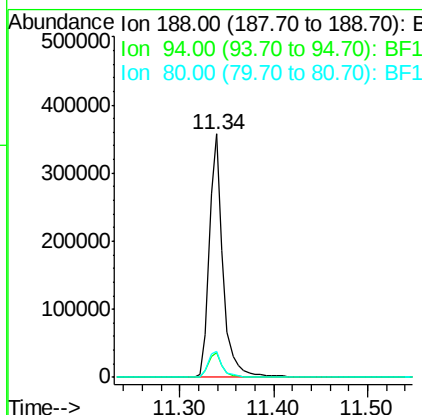
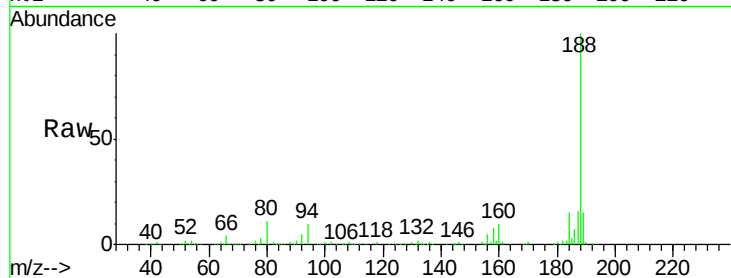




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

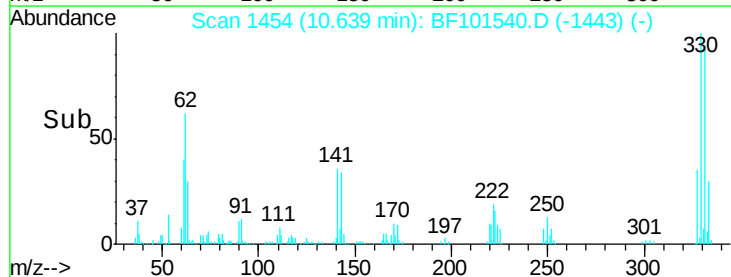
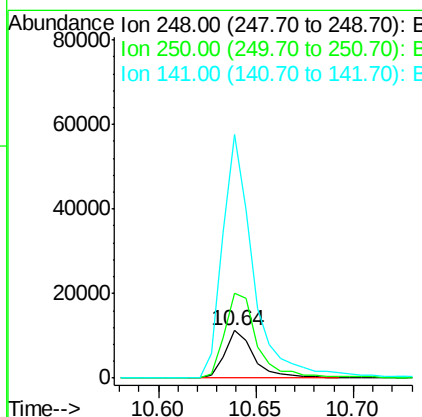
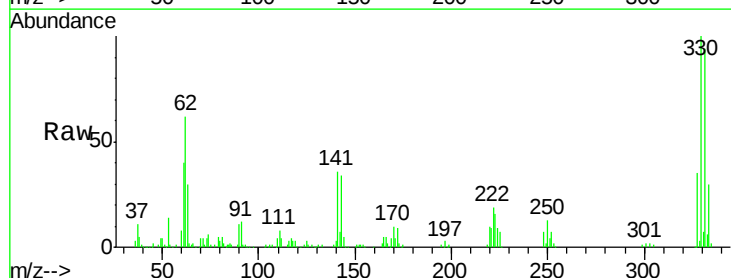
Instrument :
BNA_F
ClientSampleId :
EPE-125-4(5-9)

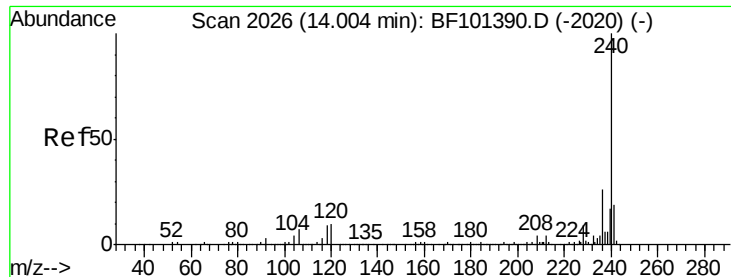
Tot Ion:188 Resp: 365264
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.7 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.880 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Tgt Ion:248 Resp: 11819
Ion Ratio Lower Upper
248 100
250 178.8 76.9 115.3#
141 510.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101540.D

Acq: 19 Dec 2017 23:18

Instrument :

BNA_F

ClientSampleId :

EPE-125-4(5-9)

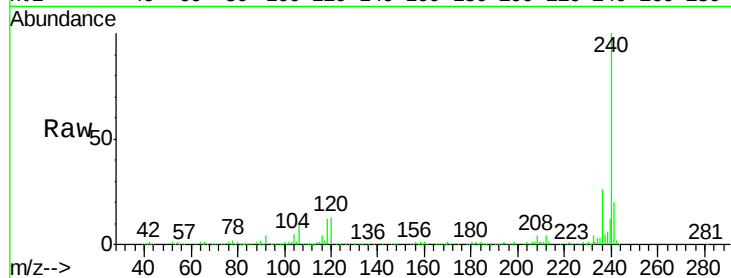
Tot Ion:240 Resp: 292923

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

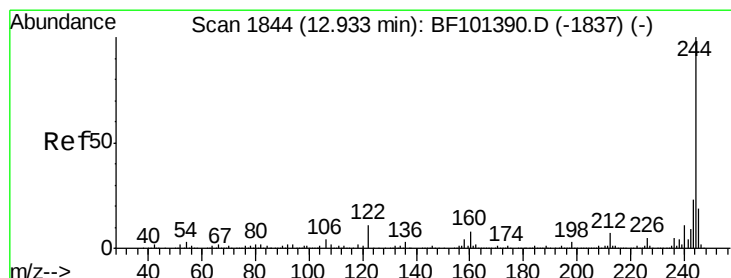
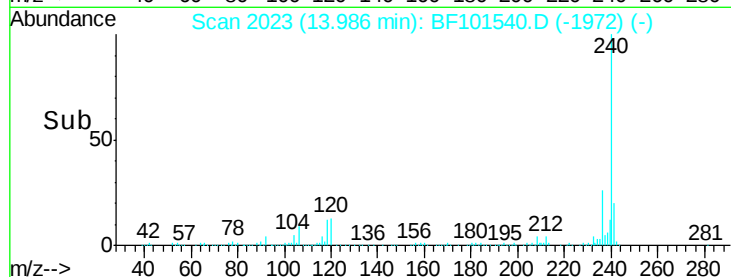
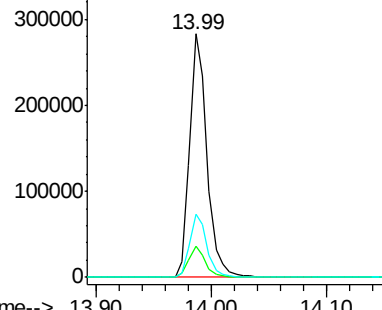
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 54.409 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101540.D

Acq: 19 Dec 2017 23:18

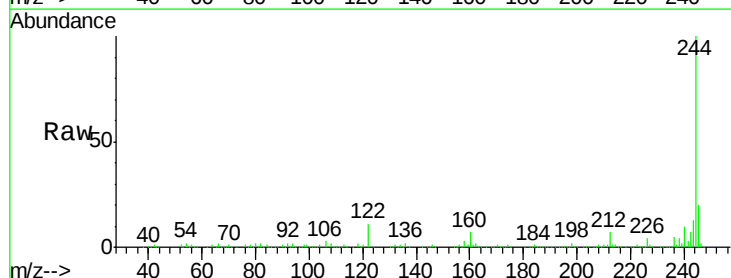
Tgt Ion:244 Resp: 661101

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

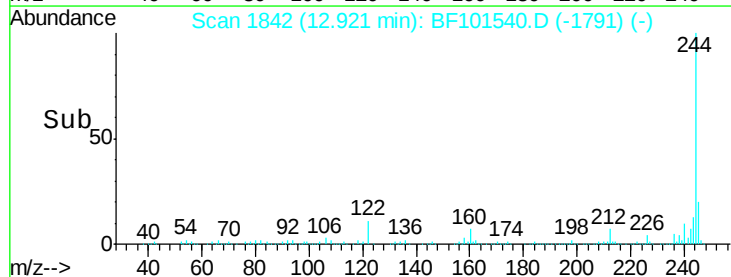
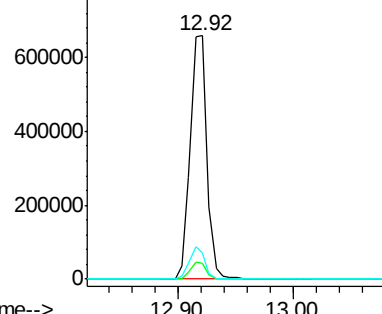
122 10.5 11.0 16.4#

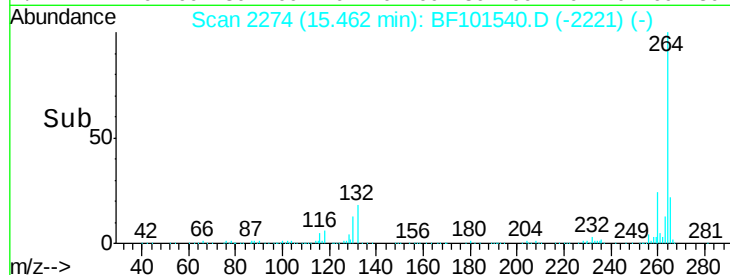
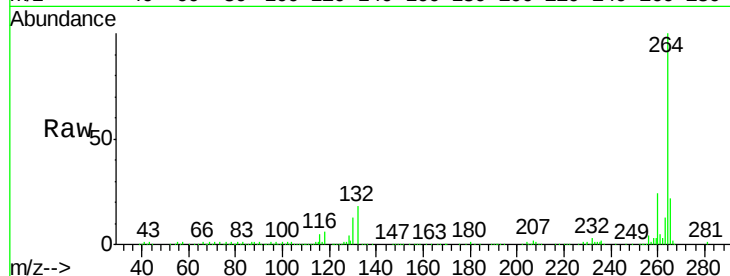
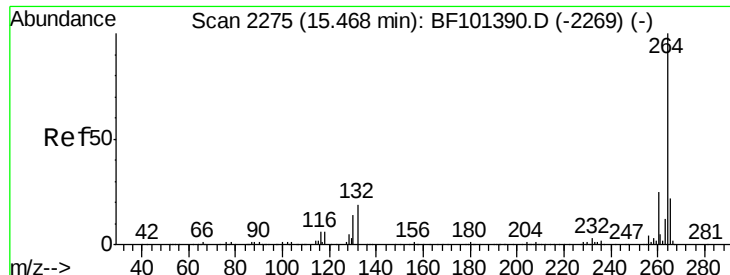


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101540.D
Acq: 19 Dec 2017 23:18

Instrument :
BNA_F
ClientSampleId :
EPE-125-4(5-9)

Tot Ion:	264	Resp:	320177
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.6	17.5	26.3

