

Data File : BF100751.D
Acq On : 21 Nov 2017 00:48
Operator : SJ/JU
Sample : I6503-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

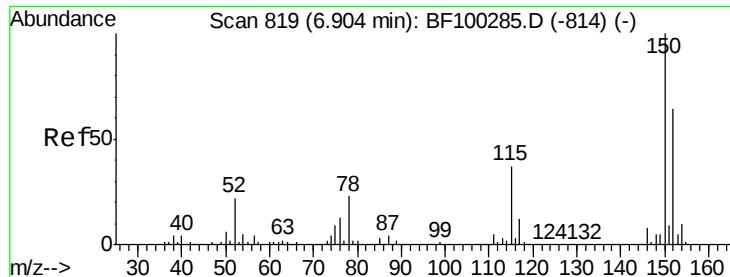
Quant Time: Nov 21 03:33:16 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	94154	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	362739	20.00	ng	-0.02
38) Acenaphthene-d10	9.91	164	156403	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	247647	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208308	20.00	ng	-0.01
86) Perylene-d12	15.50	264	173090	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	616437	104.95	ng	0.00
7) Phenol-d6	6.50	99	738199	101.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	440647	80.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	157318	98.71	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	817012	79.54	ng	-0.01
78) Terphenyl-d14	12.98	244	557579	61.50	ng	0.00

Target Compounds						Qvalue
10) Phenol	6.51	94	31441	4.14	ng	94
19) n-Nitroso-di-n-propylamine	7.43	70	57990	11.54	ng	# 79
25) Isophorone	7.43	82	440643	38.22	ng	# 64
47) 2-Nitroaniline	9.62	65	833	3.05	ng	# 1
49) Dimethylphthalate	9.62	163	103782	8.69	ng	98
56) 2,4-Dinitrotoluene	9.91	165	19813	6.64	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.70	198	254	8.74	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9883	3.72	ng	# 1

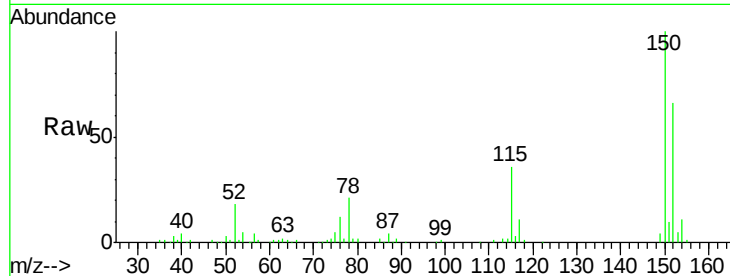
(#) = qualifier out of range (m) = manual integration (+) = signals summed



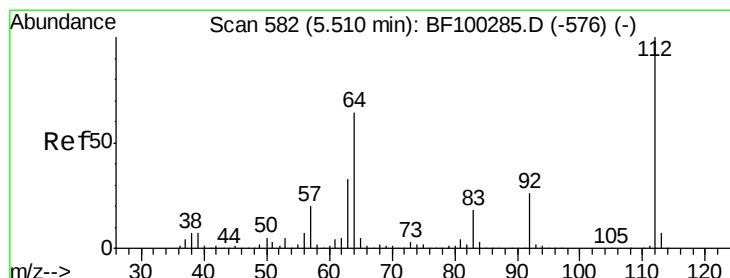
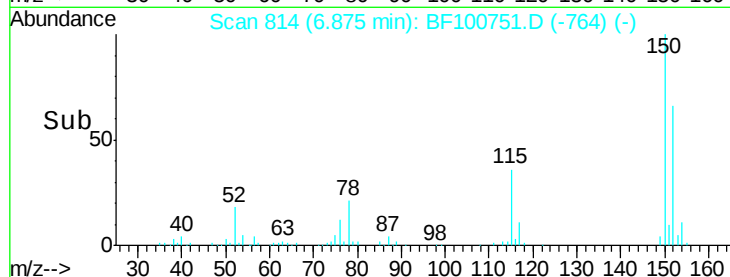
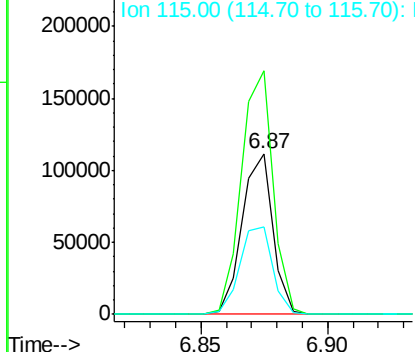
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(21.3-23.3)

Tgt Ion:152 Resp: 94154
 Ion Ratio Lower Upper
 152 100
 150 151.6 124.6 186.8
 115 54.2 50.1 75.1

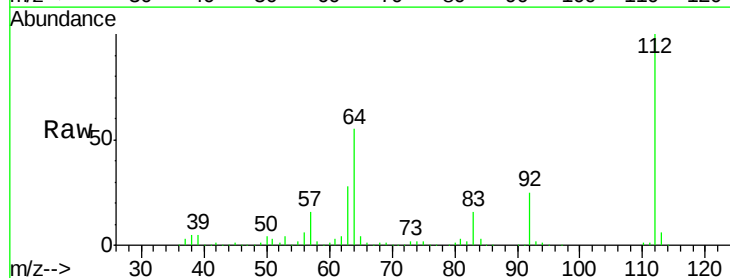


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

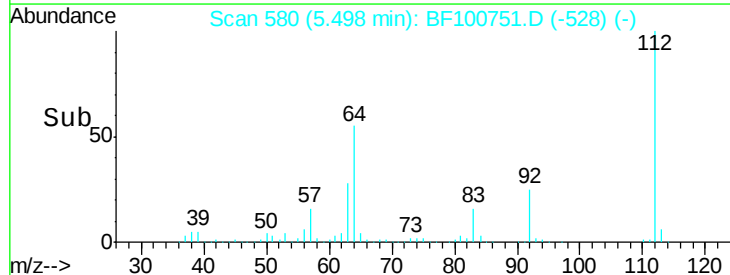
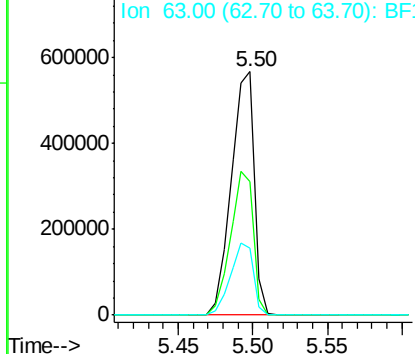


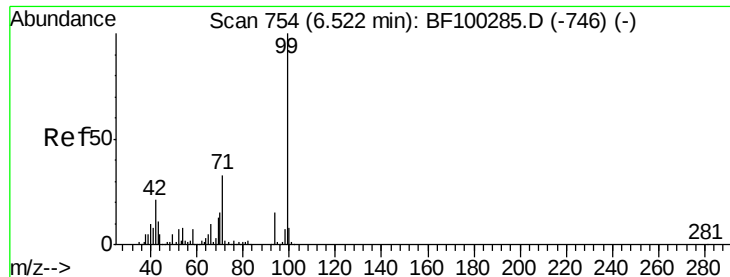
#5
 2-Fluorophenol
 Concen: 104.95 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.01 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

Tgt Ion:112 Resp: 616437
 Ion Ratio Lower Upper
 112 100
 64 54.7 47.9 71.9
 63 27.6 23.7 35.5



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: 101.92 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(21.3-23.3)

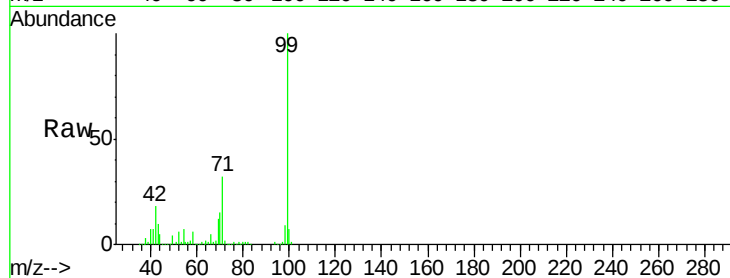
Tgt Ion: 99 Resp: 738199

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

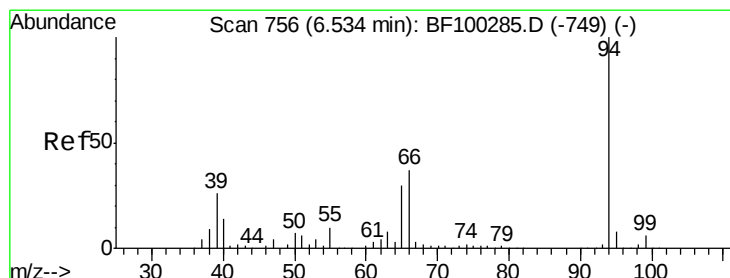
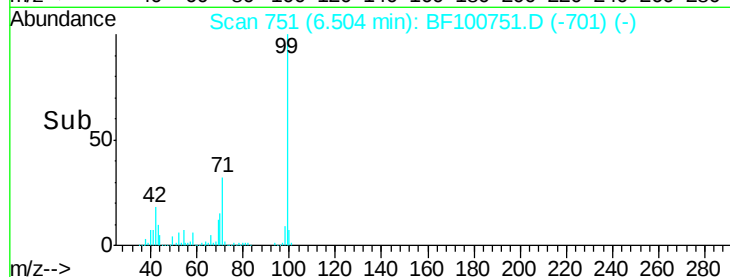
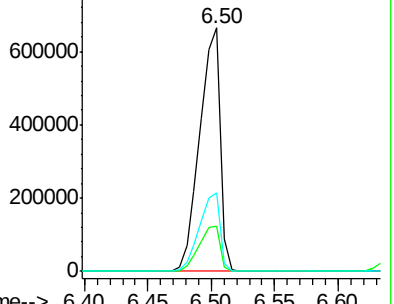
71 32.4 25.4 38.0



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: 4.14 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

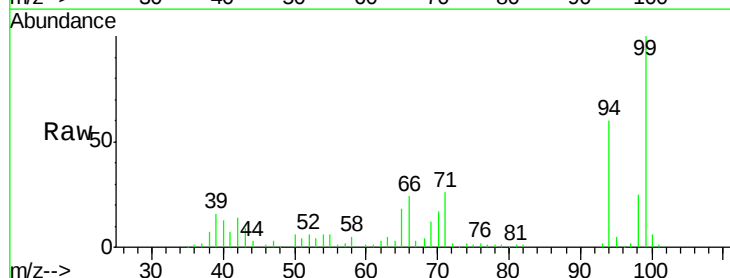
Tgt Ion: 94 Resp: 31441

Ion Ratio Lower Upper

94 100

65 29.9 7.9 47.9

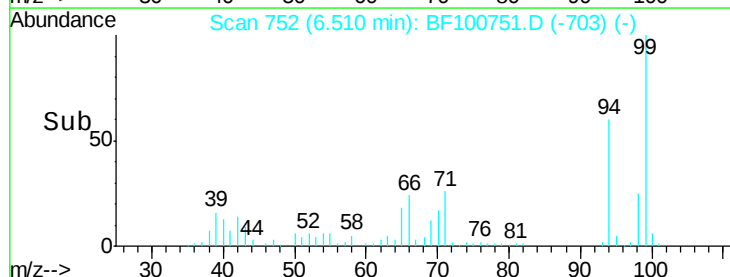
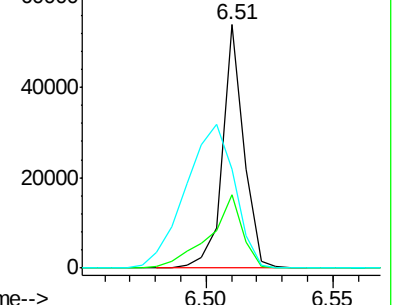
66 40.9 16.2 56.2

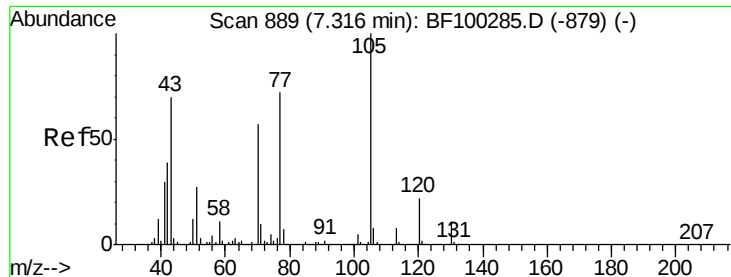


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

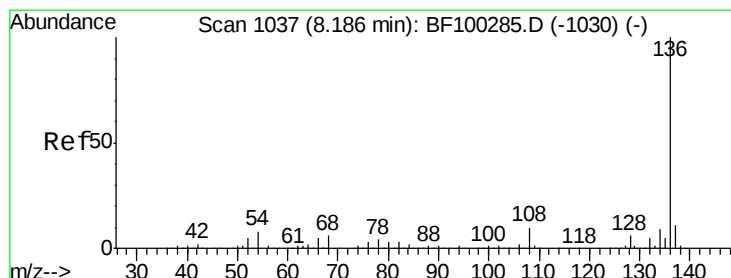
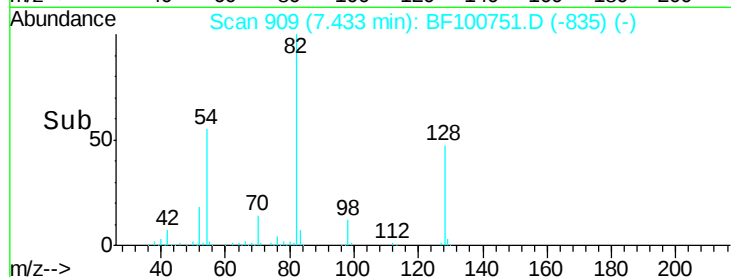
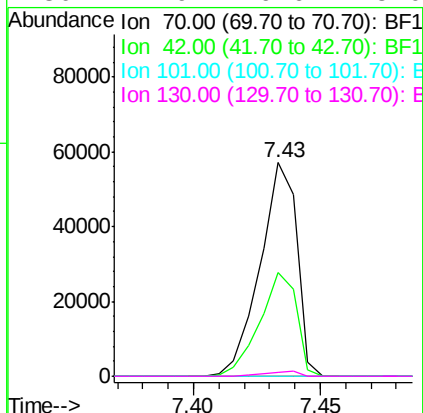
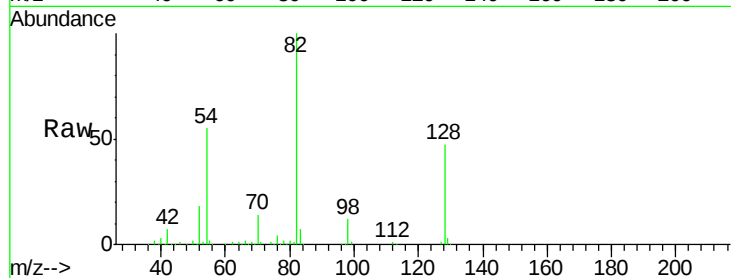




#19
n-Nitroso-di-n-propylamine
Concen: 11.54 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.14 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

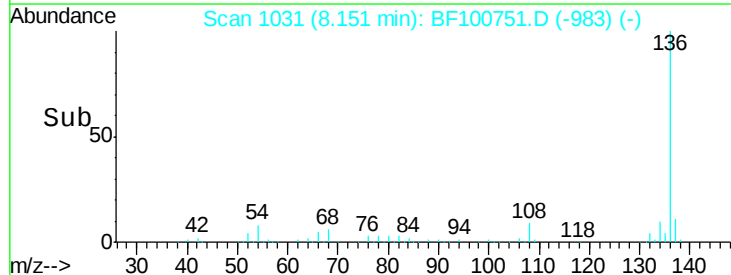
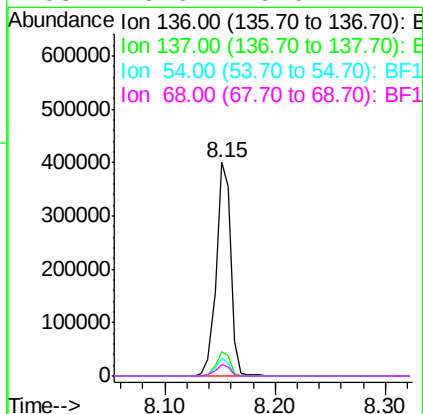
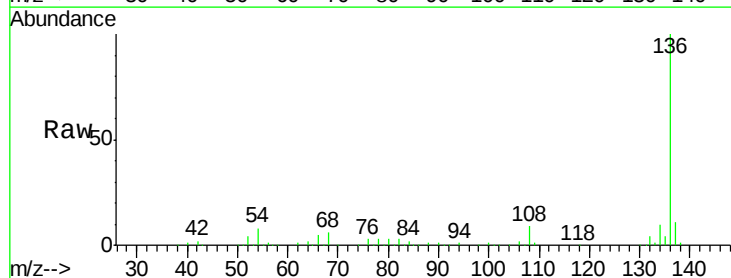
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

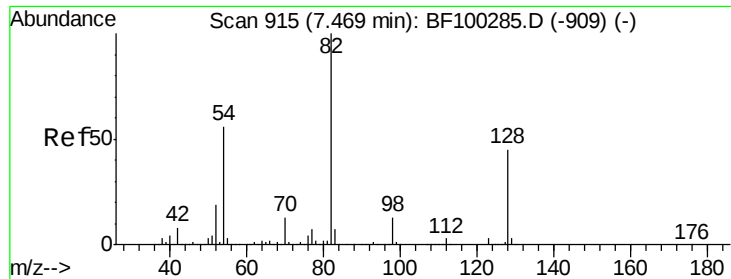
Tgt Ion: 70 Resp: 57990
Ion Ratio Lower Upper
70 100
42 48.8 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion: 136 Resp: 362739
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.4 6.6 9.8
68 5.6 5.0 7.4

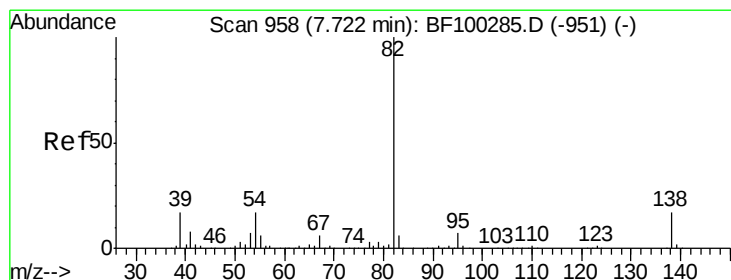
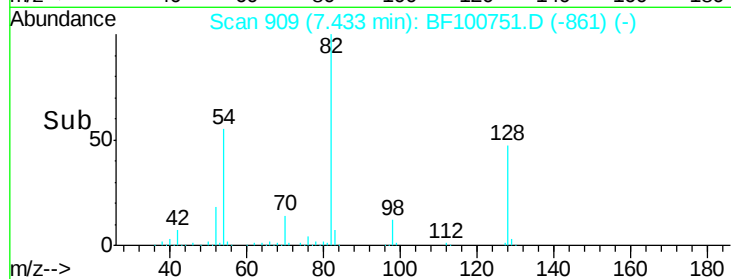
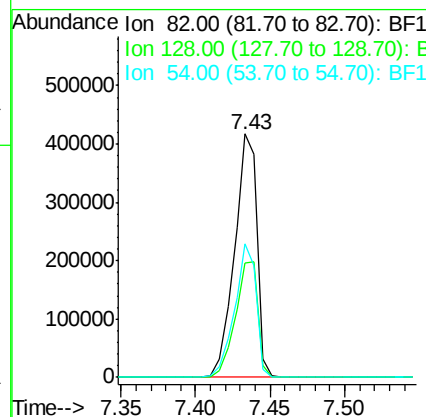
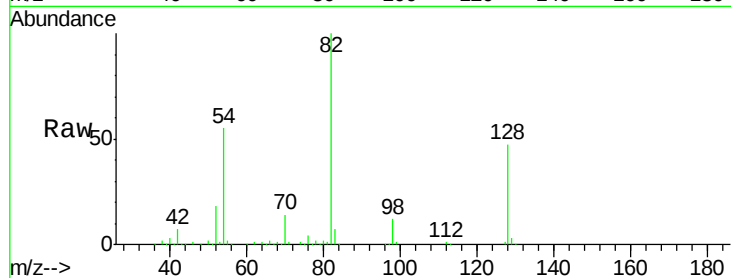




#23
 Nitrobenzene-d5
 Concen: 80.31 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

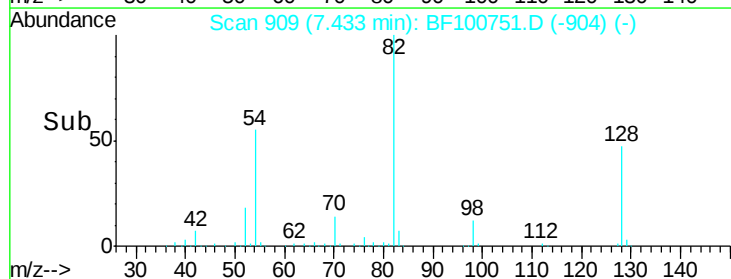
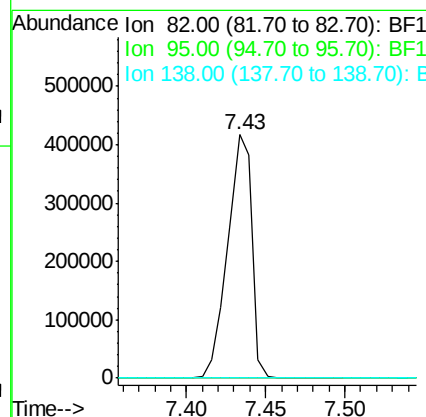
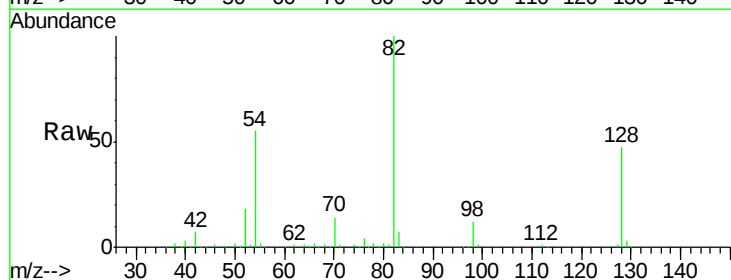
Instrument :
 BNA_F
 ClientSampleId :
 EPE-L-9(21.3-23.3)

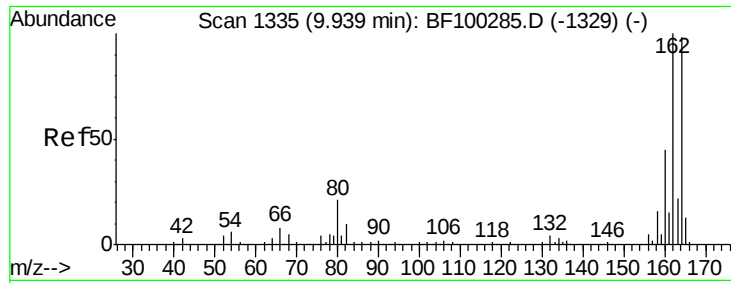
Tgt Ion: 82 Resp: 440647
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 54.8 41.4 62.2



#25
 Isophorone
 Concen: 38.22 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.27 min
 Lab File: BF100751.D
 Acq: 21 Nov 2017 00:48

Tgt Ion: 82 Resp: 440643
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(21.3-23.3)

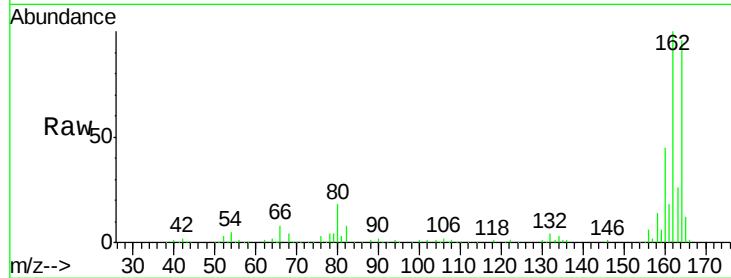
Tgt Ion:164 Resp: 156403

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

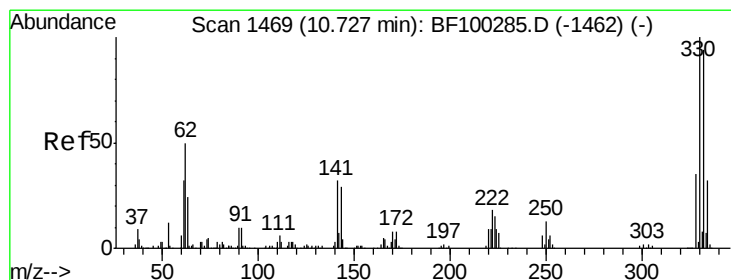
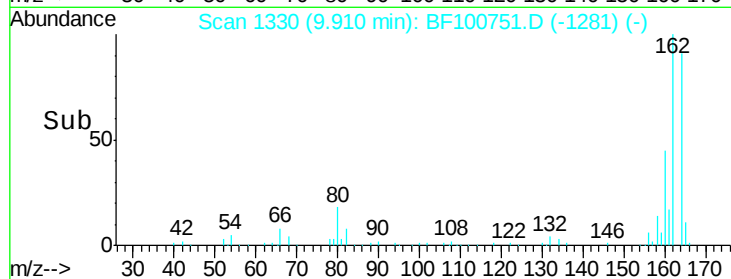
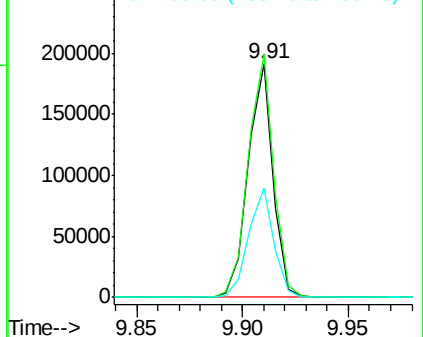
160 46.6 38.3 57.5



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: 98.71 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

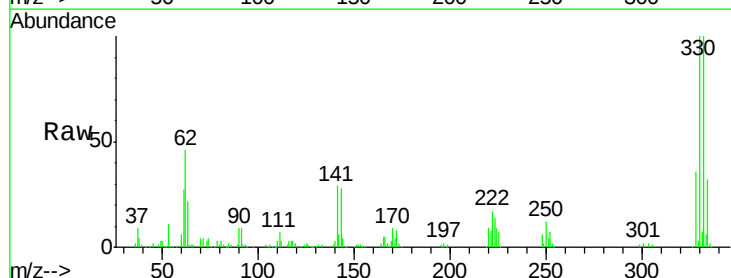
Tgt Ion:330 Resp: 157318

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

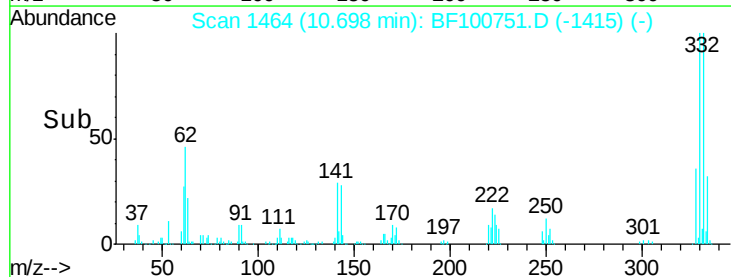
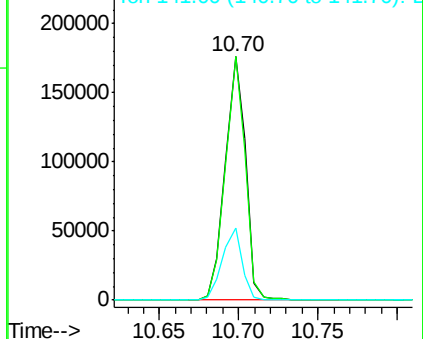
141 28.8 29.9 44.9#

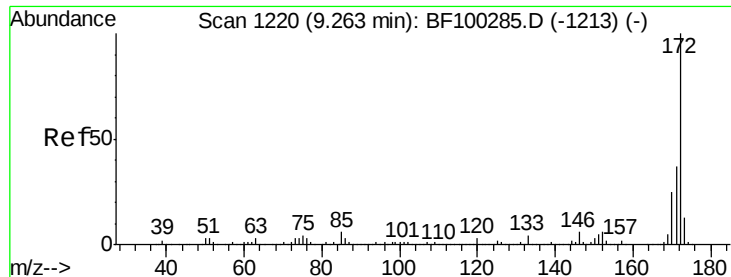


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

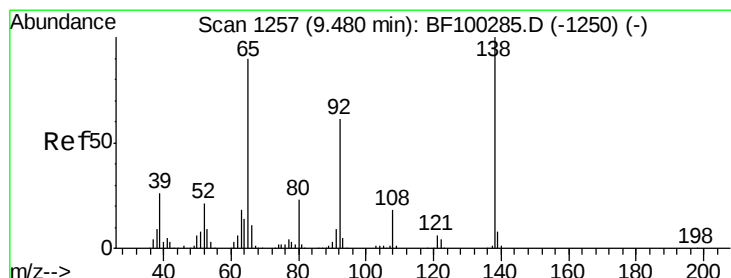
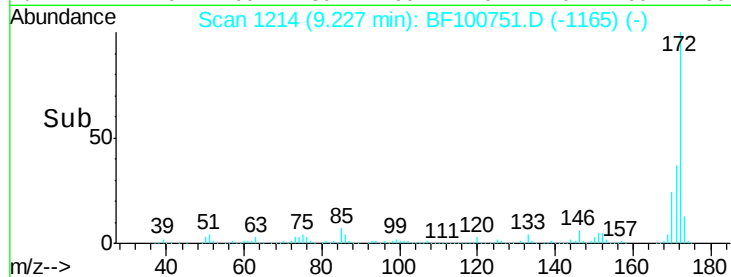
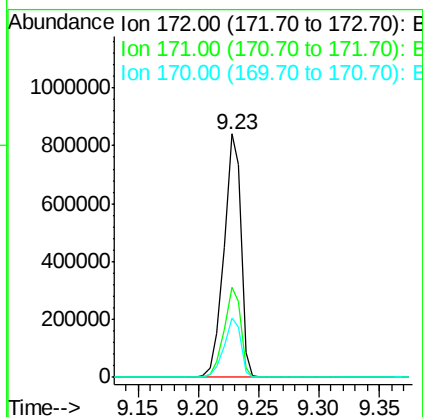
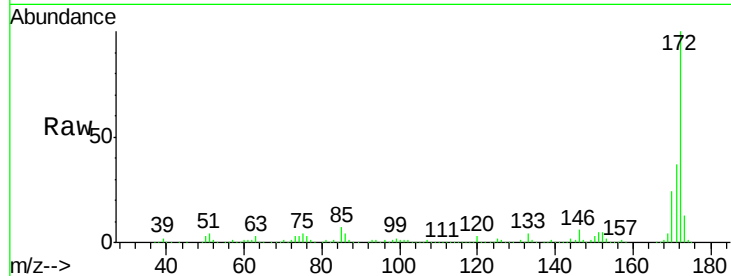




#44
2-Fluorobiphenyl
Concen: 79.54 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

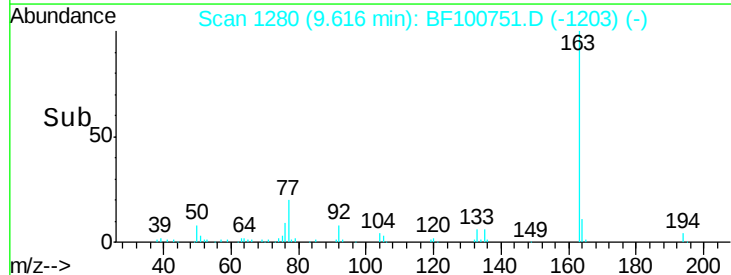
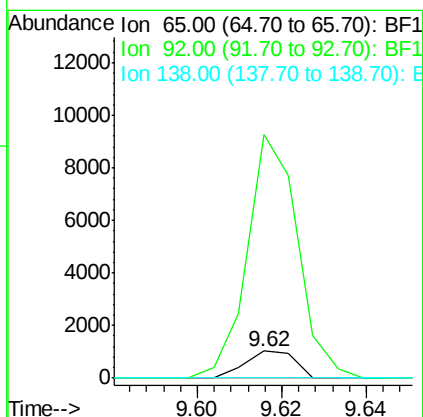
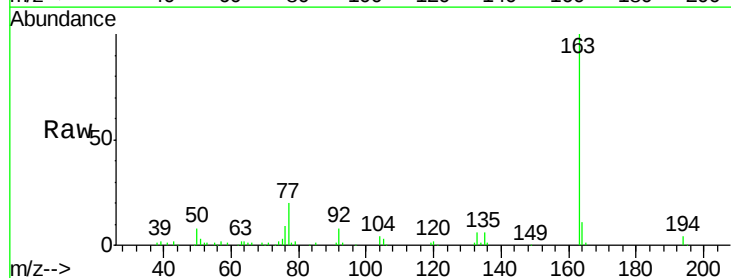
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

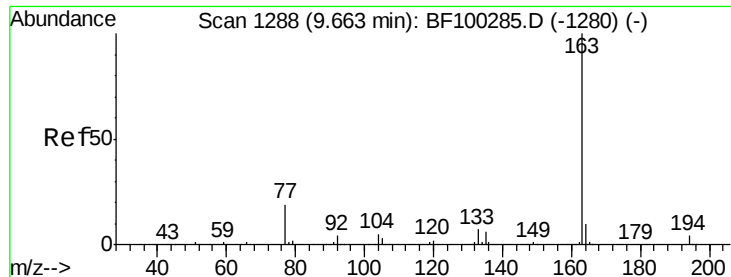
Tgt Ion: 172 Resp: 817012
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 24.3 19.6 29.4



#47
2-Nitroaniline
Concen: 3.05 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.15 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion: 65 Resp: 833
Ion Ratio Lower Upper
65 100
92 894.0 55.8 83.6#
138 0.0 91.2 136.8#

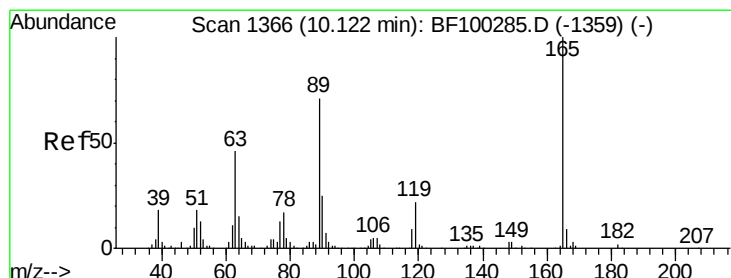
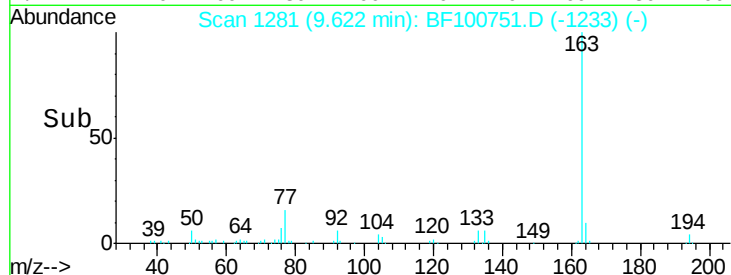
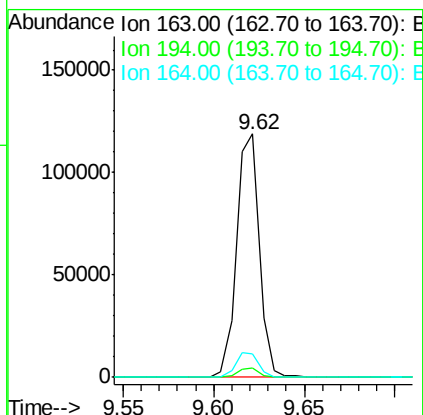
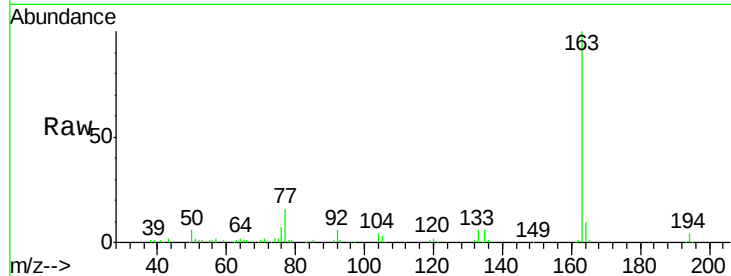




#49
Dimethylphthalate
Concen: 8.69 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

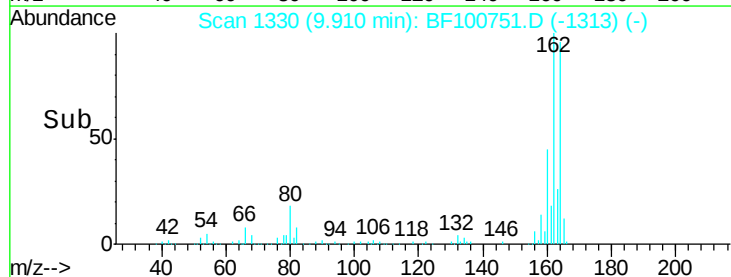
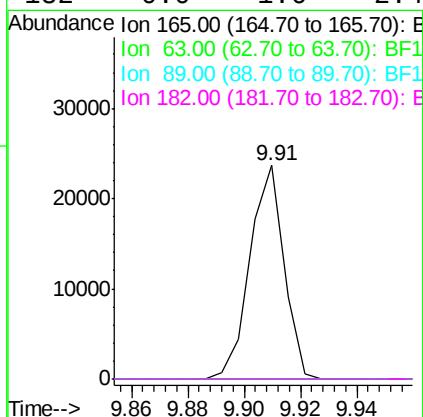
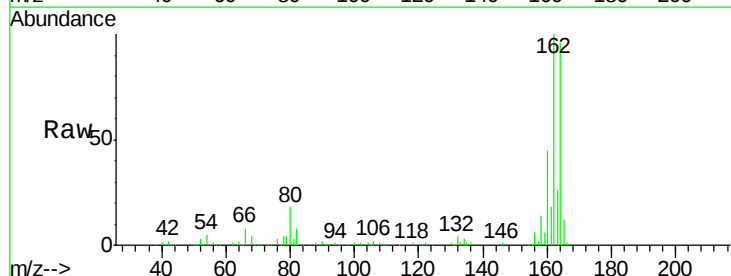
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

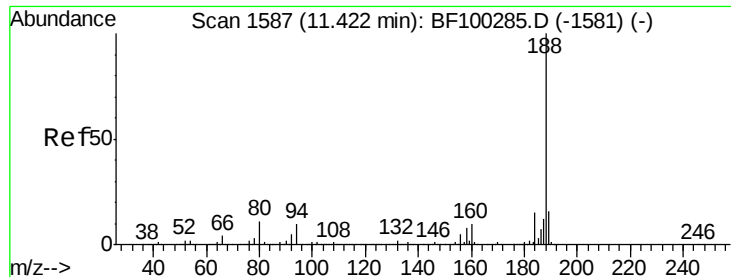
Tgt Ion:163 Resp: 103782
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.5 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.64 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.20 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion:165 Resp: 19813
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#

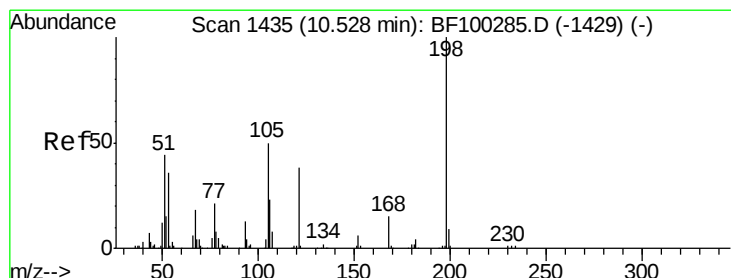
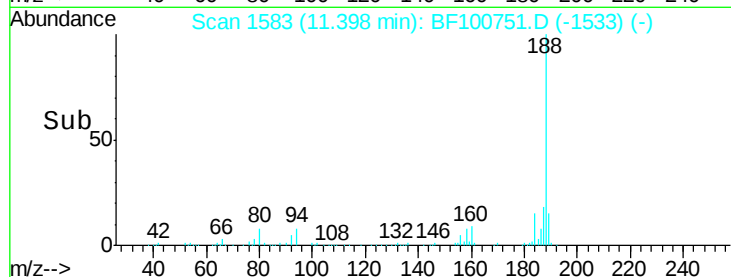
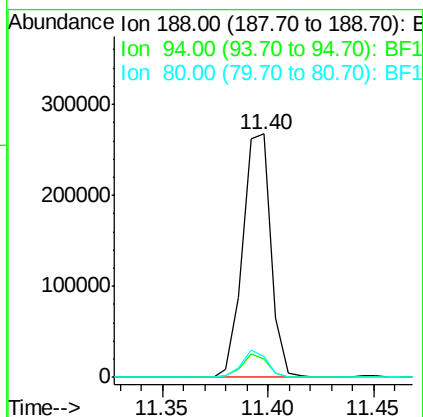
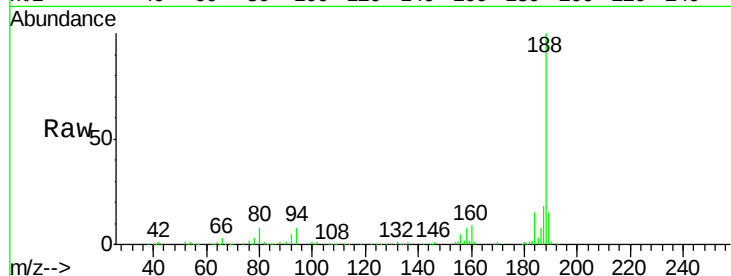




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

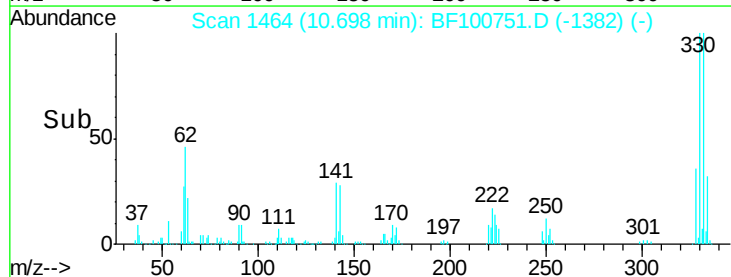
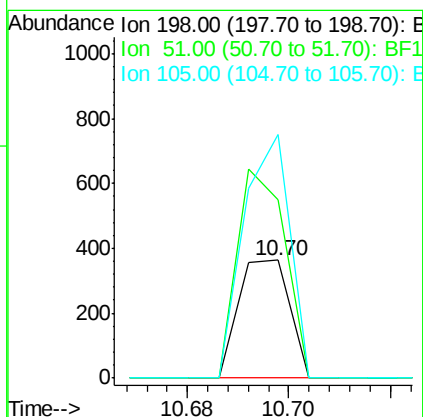
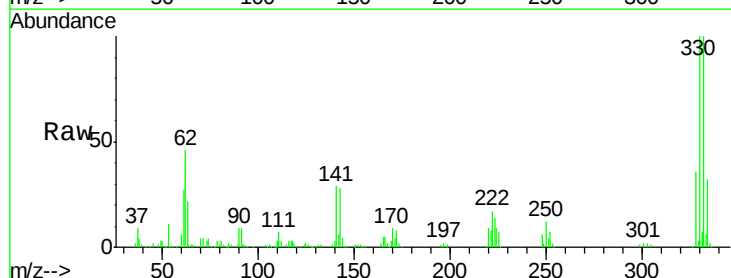
Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

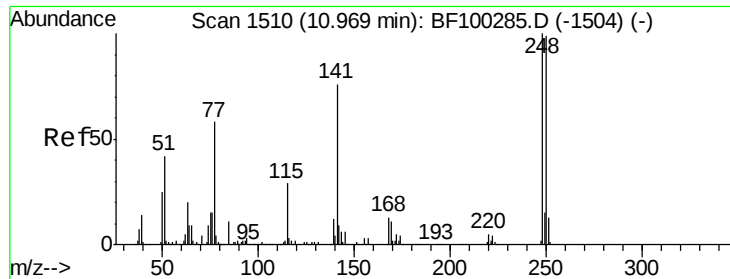
Tgt Ion:188 Resp: 247647
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 8.74 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.18 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion:198 Resp: 254
Ion Ratio Lower Upper
198 100
51 151.5 37.7 77.7#
105 206.9 36.3 76.3#

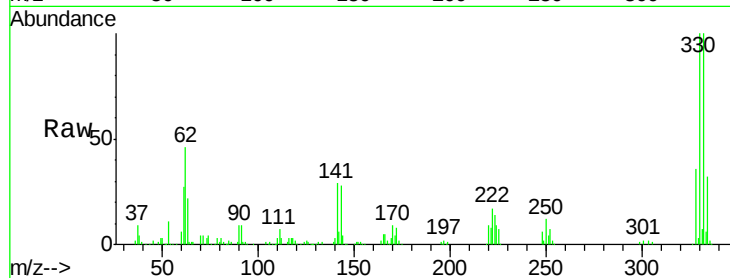




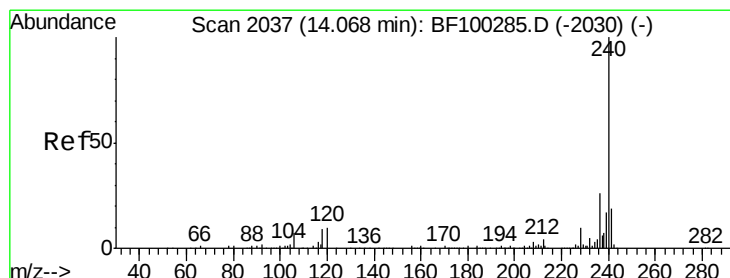
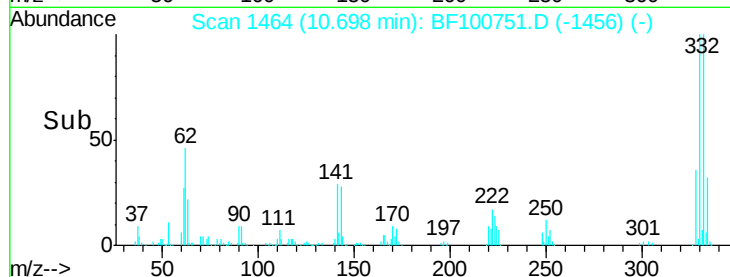
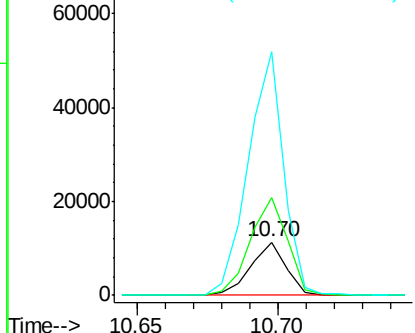
#66
4-Bromophenyl-phenylether
Concen: 3.72 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Instrument :
BNA_F
ClientSampleId :
EPE-L-9(21.3-23.3)

Tgt Ion:248 Resp: 9883
Ion Ratio Lower Upper
248 100
250 182.7 76.9 115.3#
141 454.7 74.4 111.6#

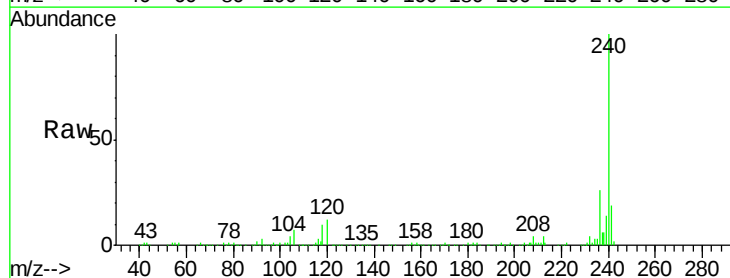


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

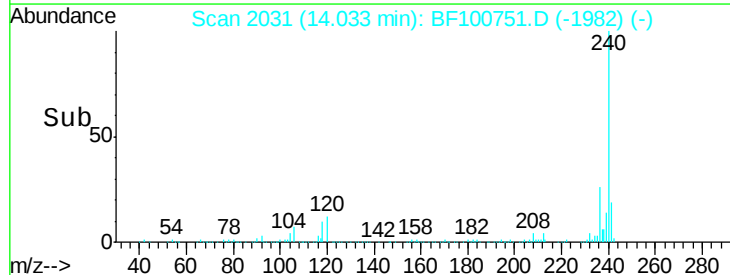
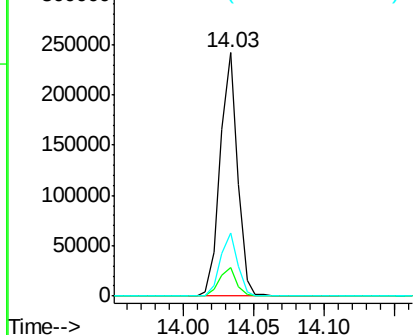


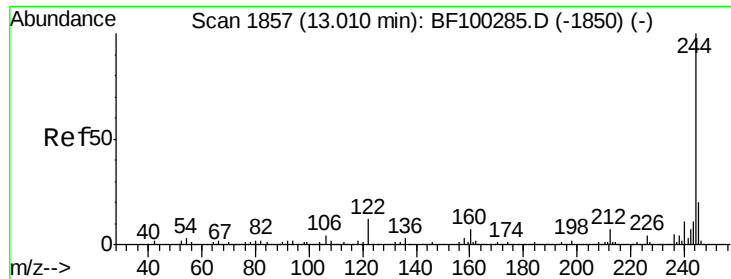
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF100751.D
Acq: 21 Nov 2017 00:48

Tgt Ion:240 Resp: 208308
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.1 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: 61.50 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

Instrument :

BNA_F

ClientSampleId :

EPE-L-9(21.3-23.3)

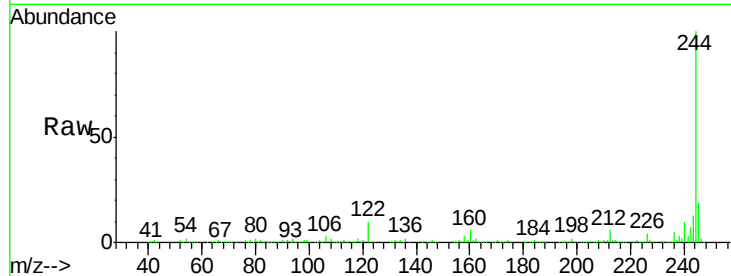
Tgt Ion:244 Resp: 557579

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

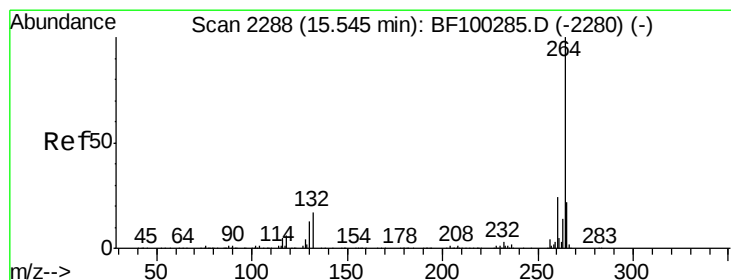
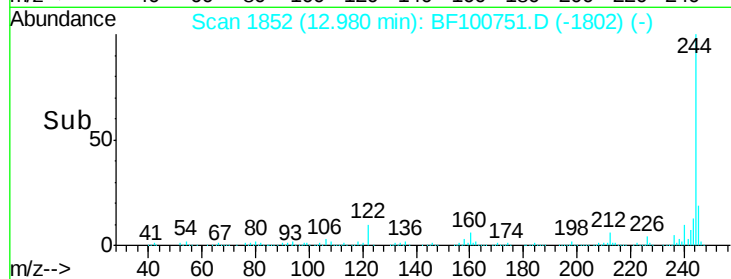
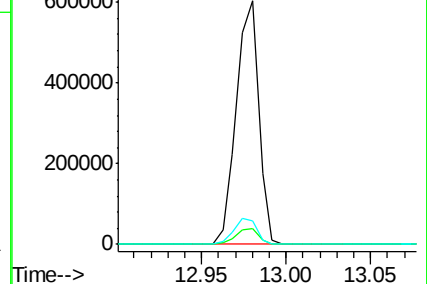
122 9.9 11.0 16.4#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF100751.D

Acq: 21 Nov 2017 00:48

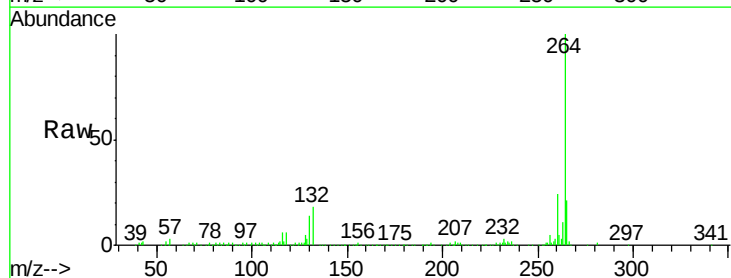
Tgt Ion:264 Resp: 173090

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.5 26.3



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

