

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122617\
 Data File : BF101745.D
 Acq On : 27 Dec 2017 5:33
 Operator : SJ/JU
 Sample : I7043-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(112-114)

Quant Time: Dec 27 07:56:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 26 10:48:01 2017
 Response via : Initial Calibration

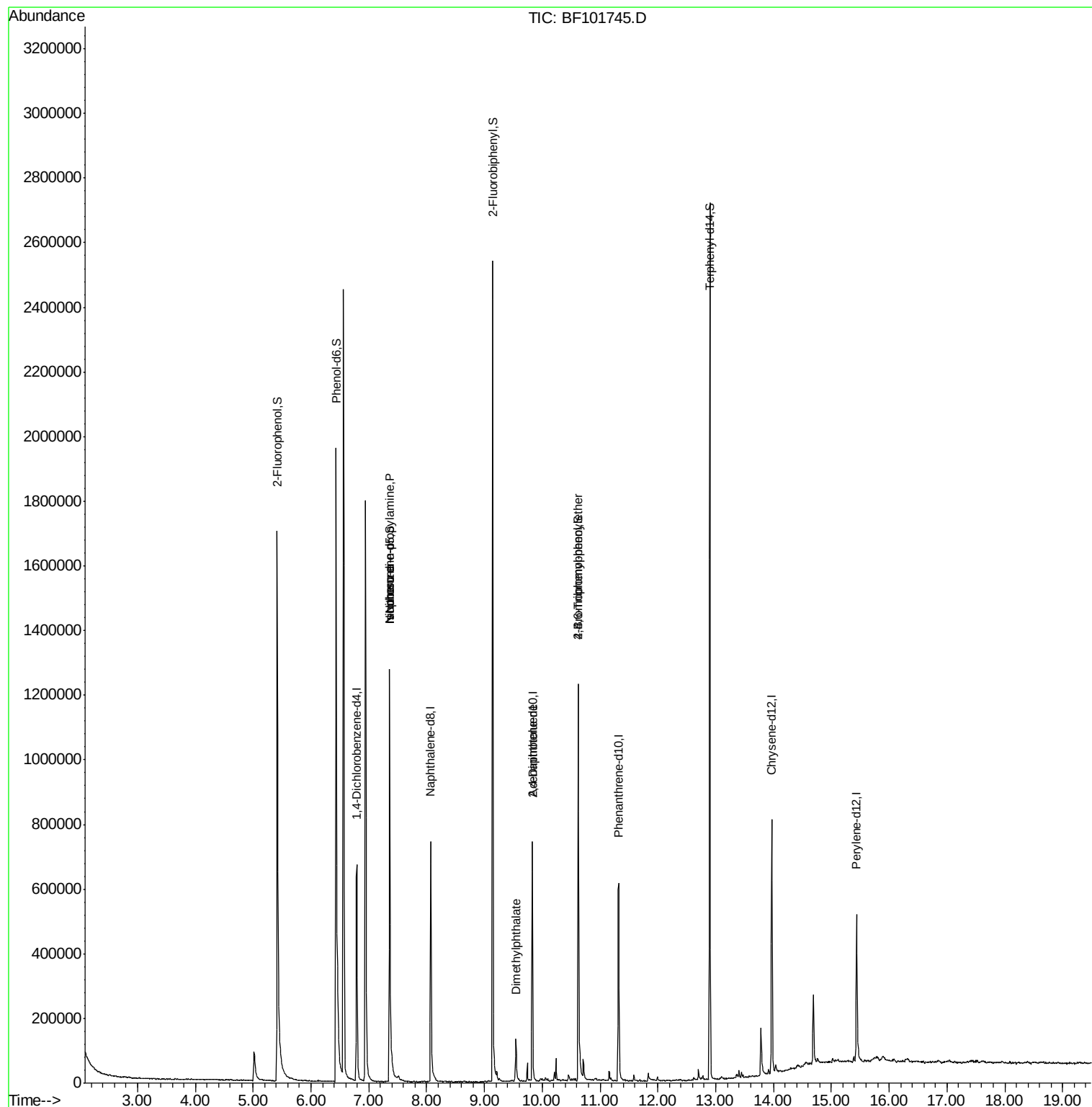
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	121336	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	431350	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	158792	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	270169	20.00	ng	0.00
75) Chrysene-d12	13.97	240	293251	20.00	ng	0.00
86) Perylene-d12	15.44	264	246818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	730823	89.72	ng	0.01
7) Phenol-d6	6.43	99	894180	88.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	548771	70.82	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	175410	114.64	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	909751	88.87	ng	0.00
78) Terphenyl-d14	12.90	244	978491	80.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	71474	10.736	ng	# 84
25) Isophorone	7.36	82	548771	35.302	ng	# 64
49) Dimethylphthalate	9.55	163	63931	5.005	ng	99
56) 2,4-Dinitrotoluene	9.83	165	20116	6.878	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	11110	3.660	ng	# 1

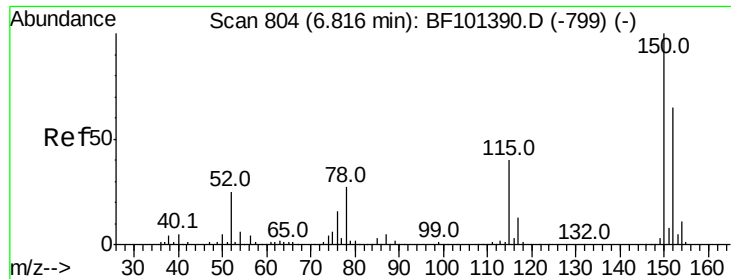
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

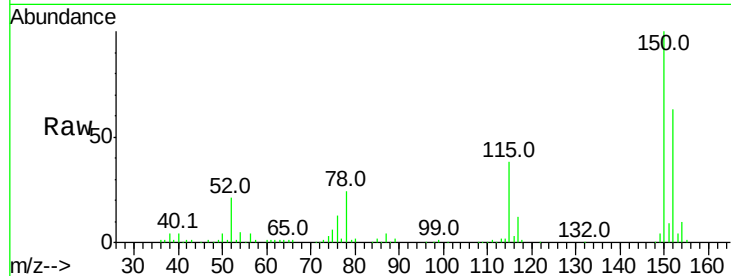
Tot Ion:152 Resp: 121336

Ion Ratio Lower Upper

152 100

150 157.5 124.6 186.8

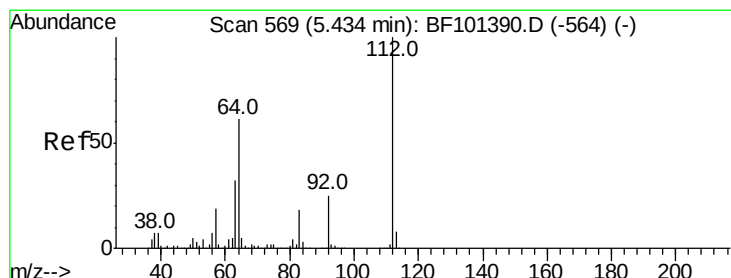
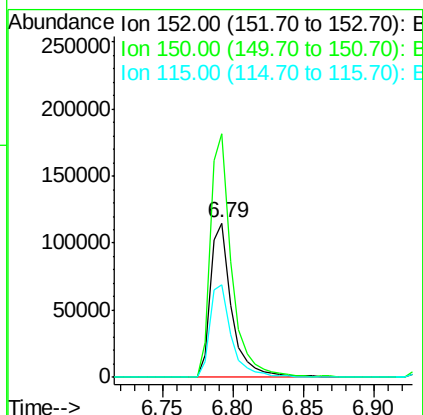
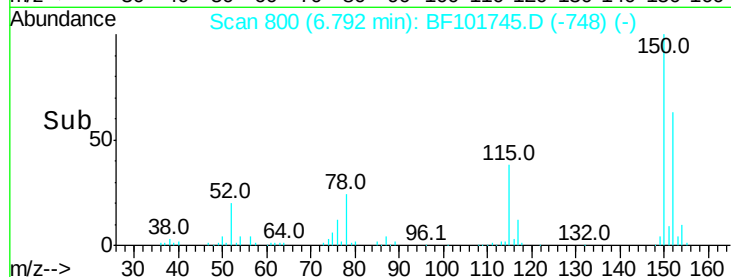
115 59.8 50.1 75.1



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: 89.719 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

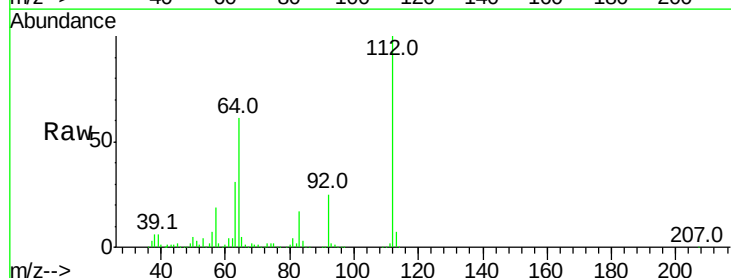
Tgt Ion:112 Resp: 730823

Ion Ratio Lower Upper

112 100

64 60.5 47.9 71.9

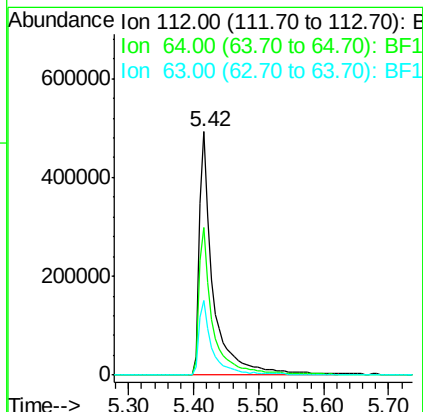
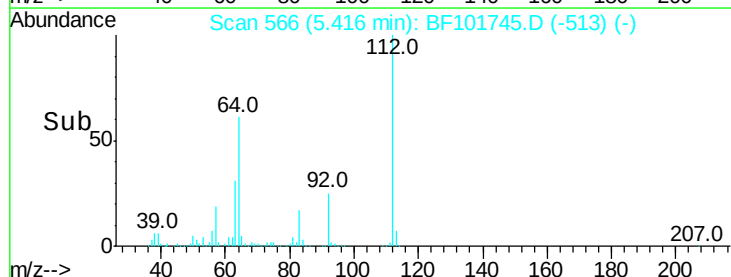
63 30.6 23.7 35.5

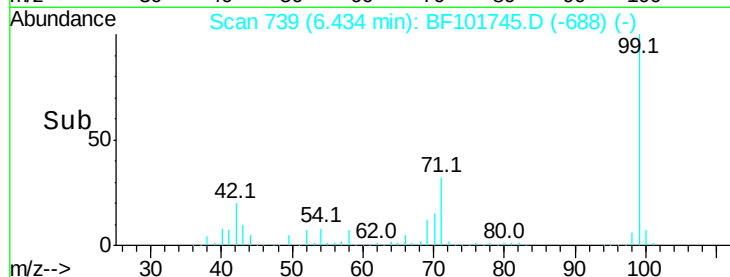
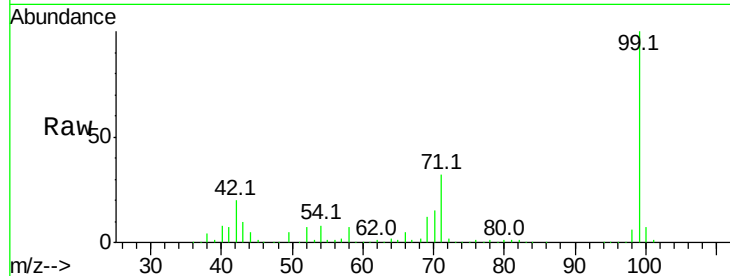
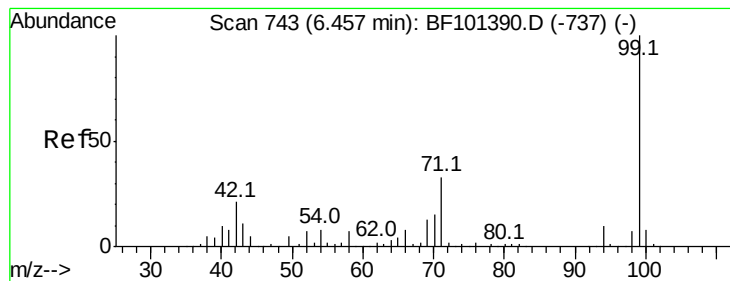


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 88.204 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

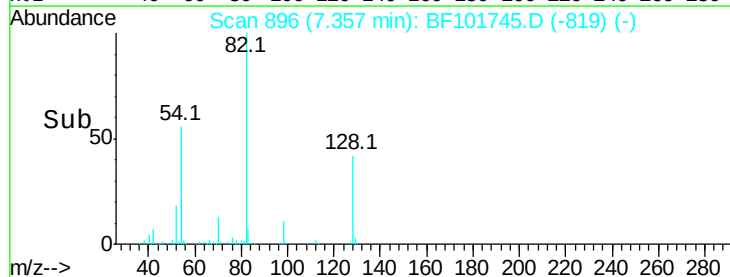
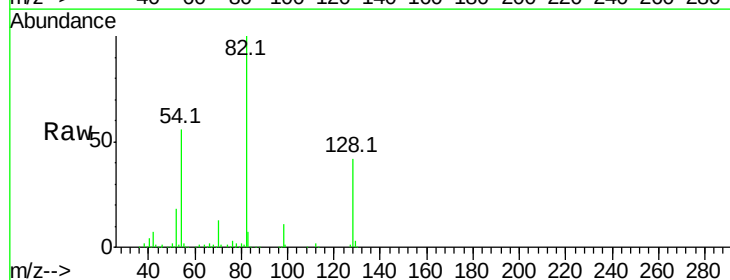
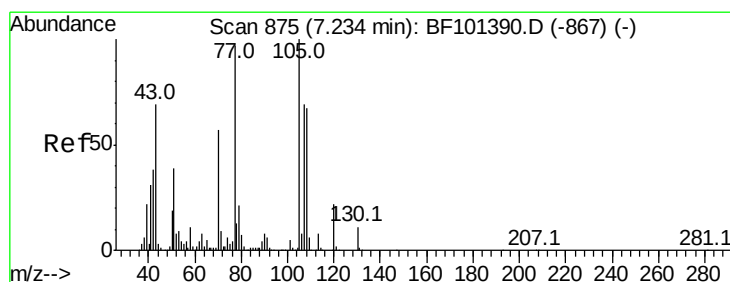
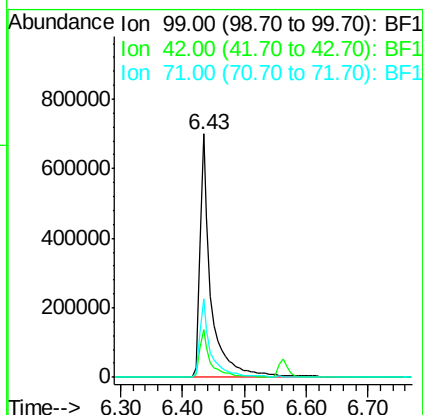
Tot Ion: 99 Resp: 894180

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.736 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Tgt Ion: 70 Resp: 71474

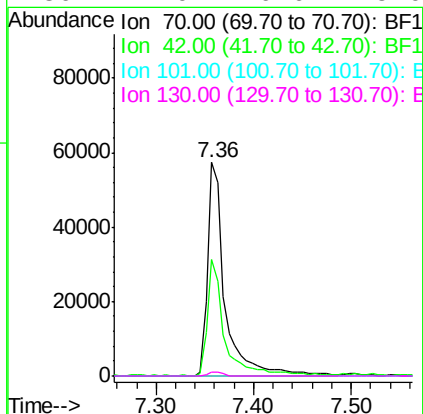
Ion Ratio Lower Upper

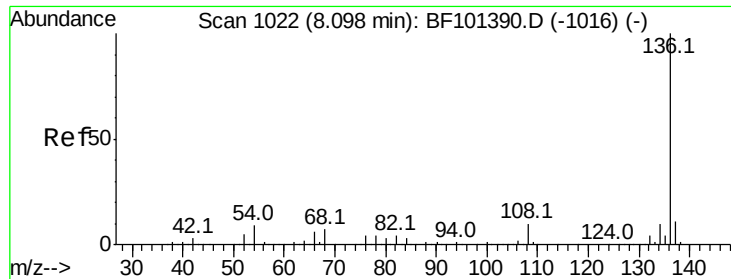
70 100

42 54.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

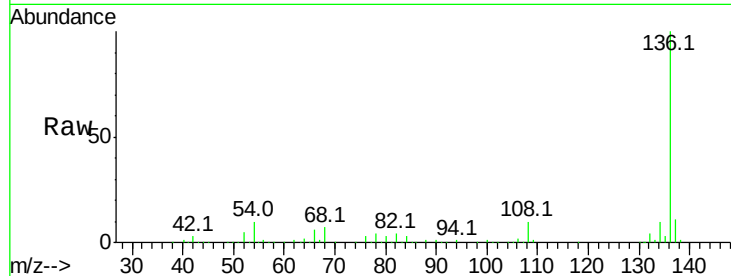




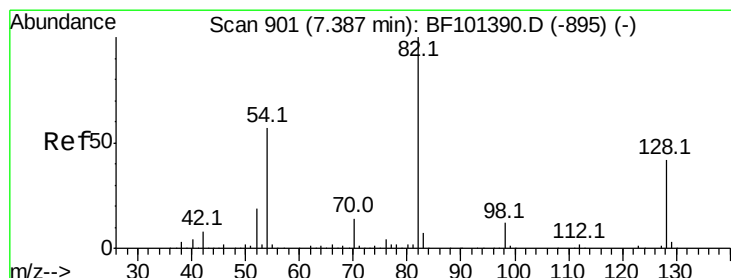
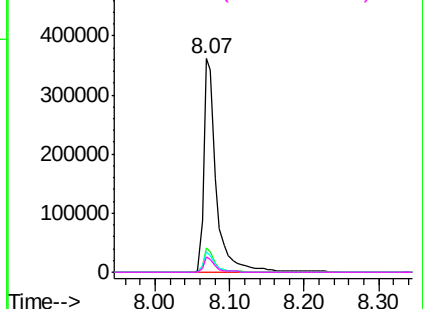
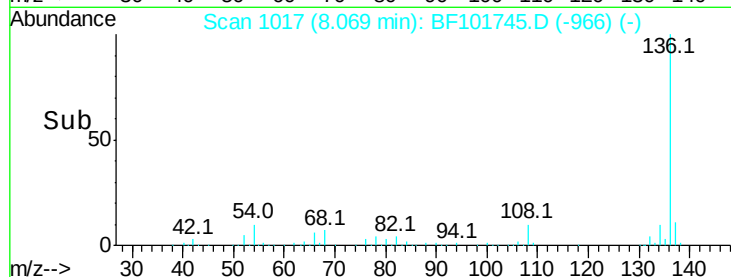
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(112-114)

Tot Ion:	136	Resp:	431350
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	9.9	6.6	9.8#
68	7.1	5.0	7.4

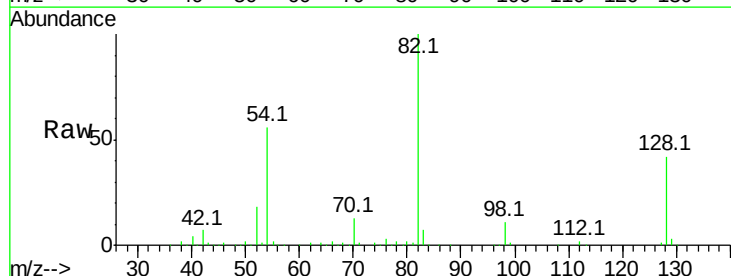


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

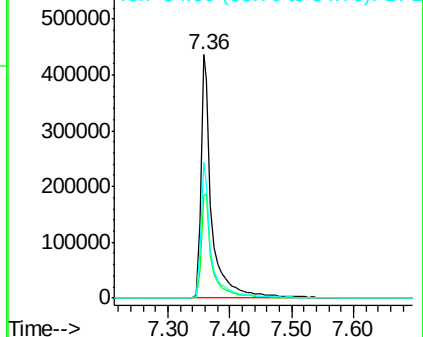
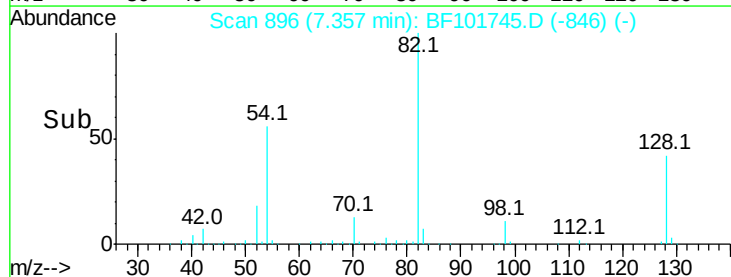


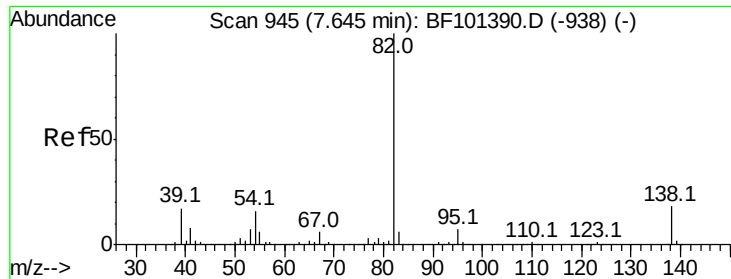
#23
Nitrobenzene-d5
Concen: 70.819 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

Tgt Ion:	82	Resp:	548771
Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	55.8	41.4	62.2



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





#25

Isophorone

Concen: 35.302 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

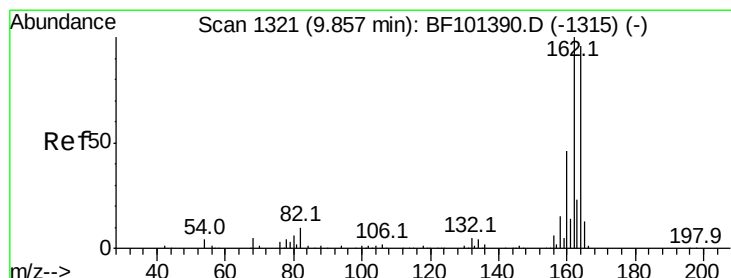
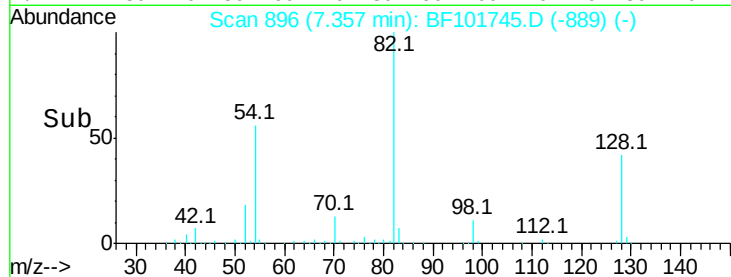
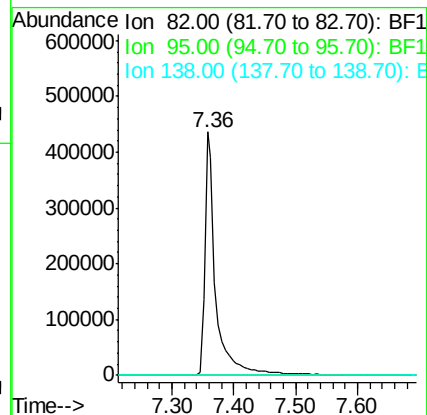
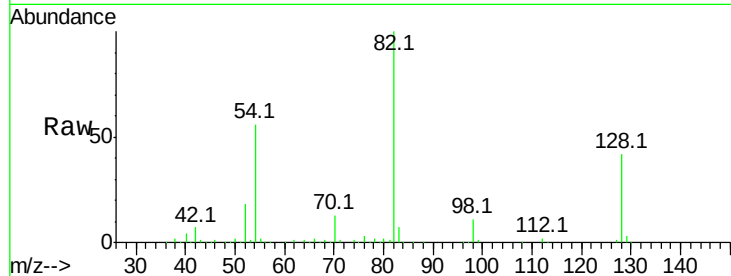
Tot Ion: 82 Resp: 548771

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

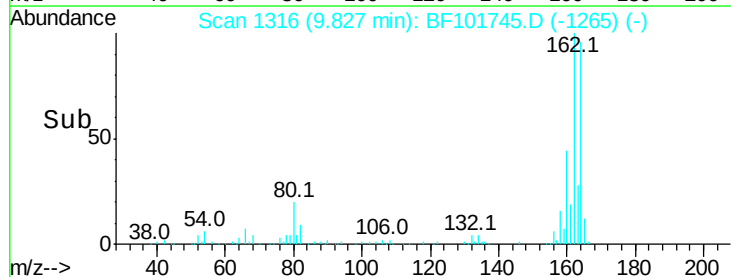
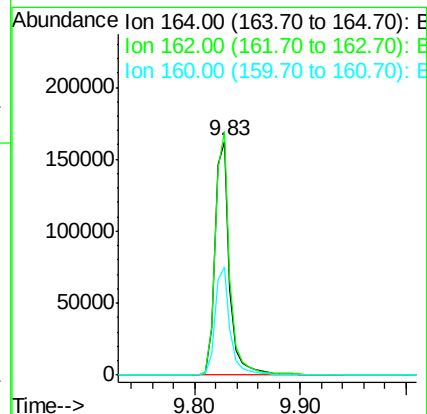
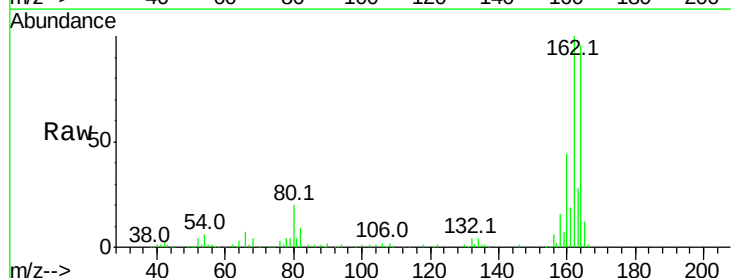
Tgt Ion:164 Resp: 158792

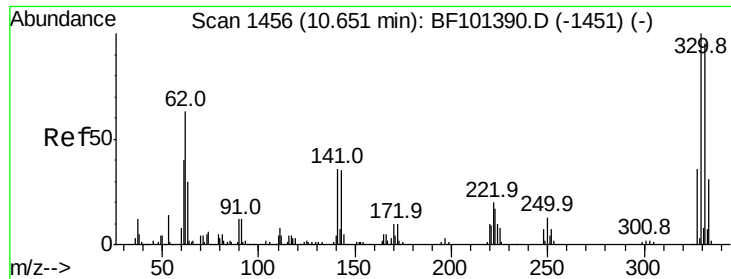
Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

160 46.3 38.3 57.5

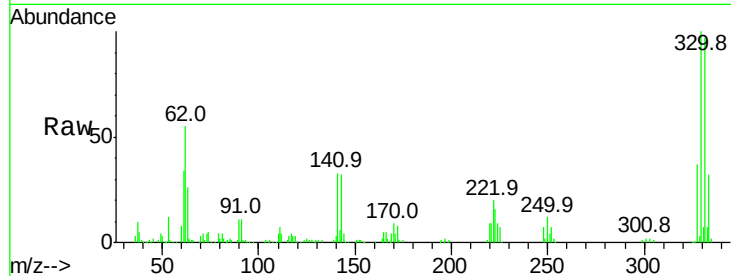




#41
 2,4,6-Tribromophenol
 Concen: 114.641 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.00 min
 Lab File: BF101745.D
 Acq: 27 Dec 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(112-114)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	32.4	29.9	44.9

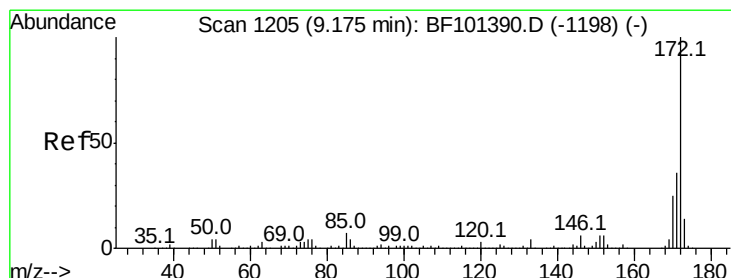
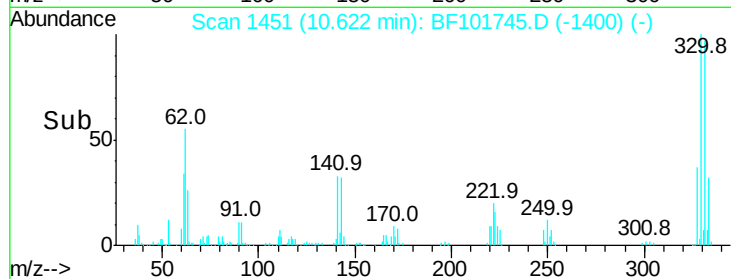
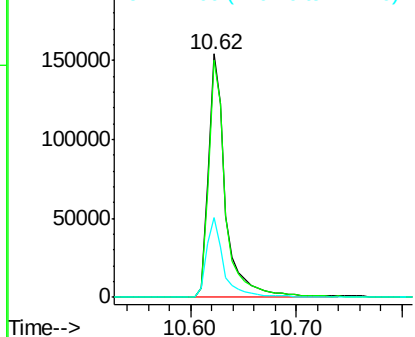


Abundance

Ion 329.80 (329.50 to 330.50): E

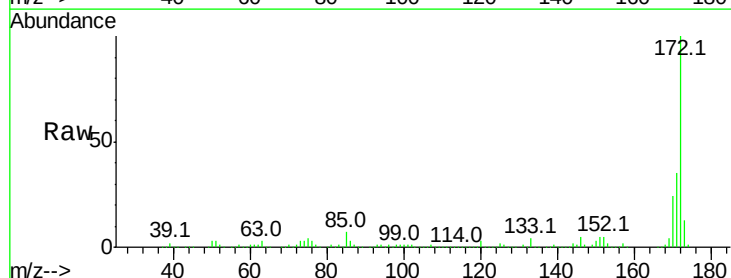
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.874 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF101745.D
 Acq: 27 Dec 2017 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.8	19.6	29.4

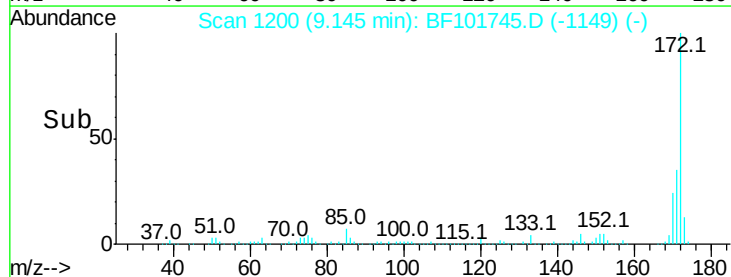
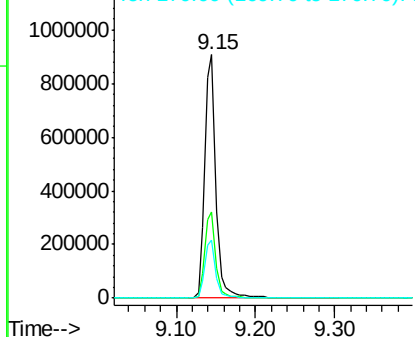


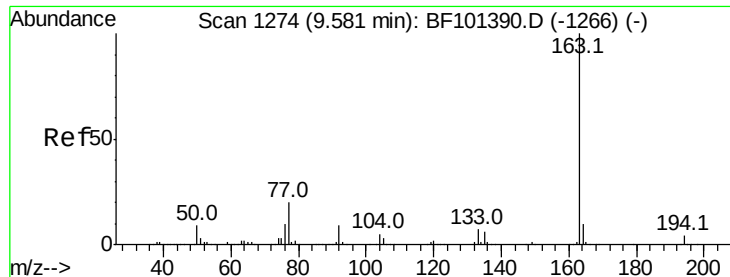
Abundance

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: 5.005 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

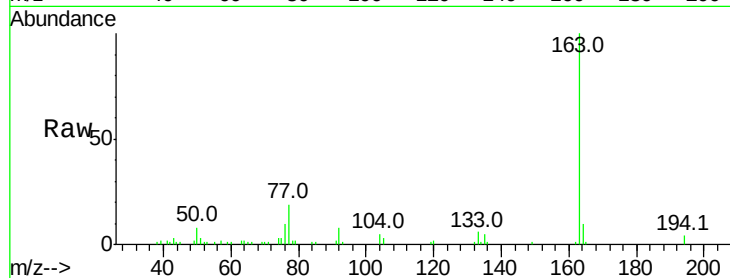
Tot Ion:163 Resp: 63931

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

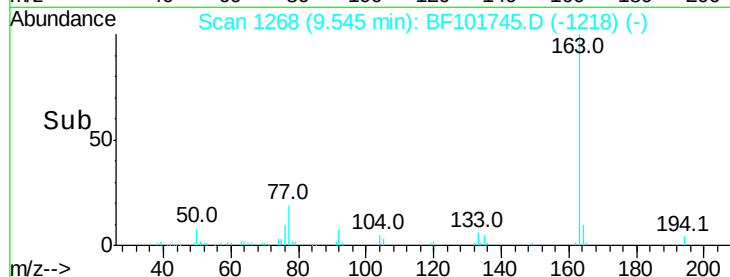
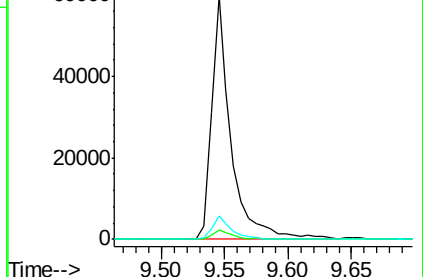
164 9.8 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.878 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.21 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Tgt Ion:165 Resp: 20116

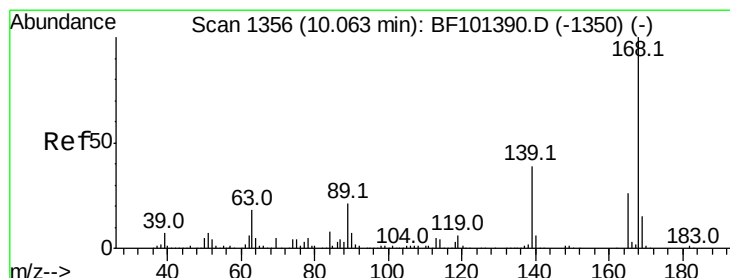
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

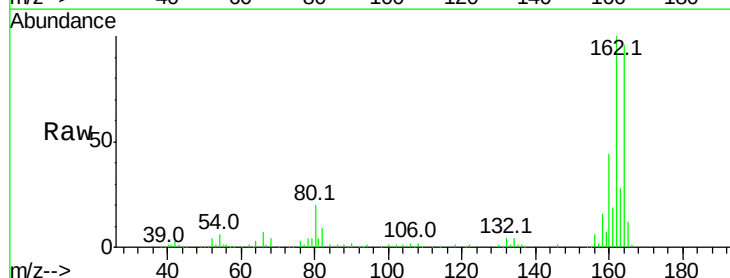
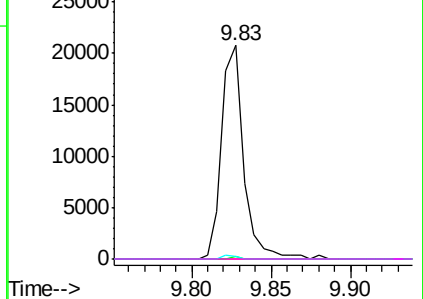


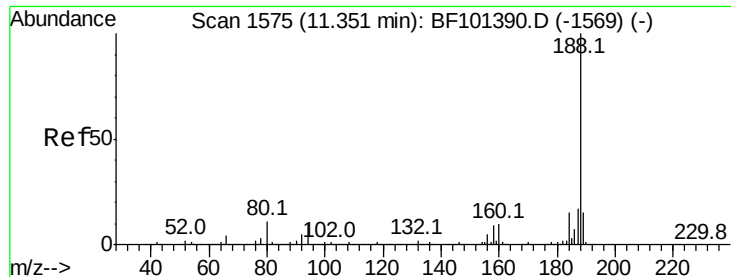
Abundance Ion 165.00 (164.70 to 165.70): E

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

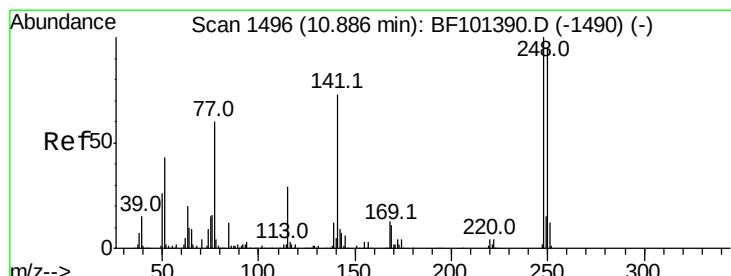
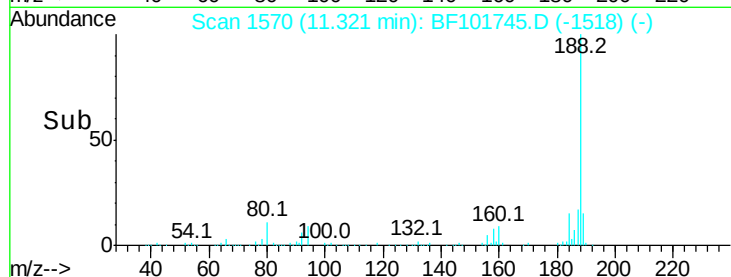
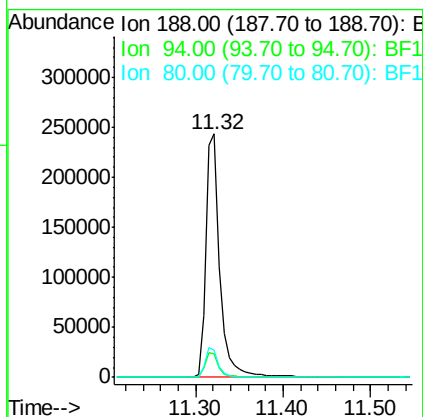
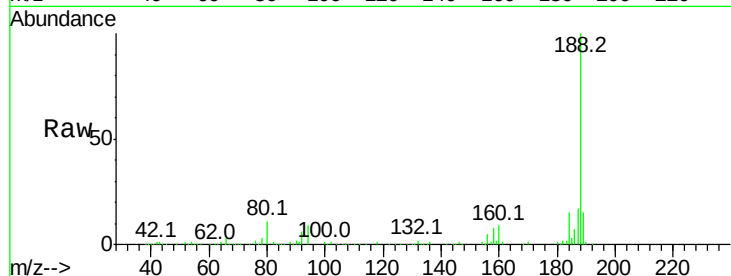




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

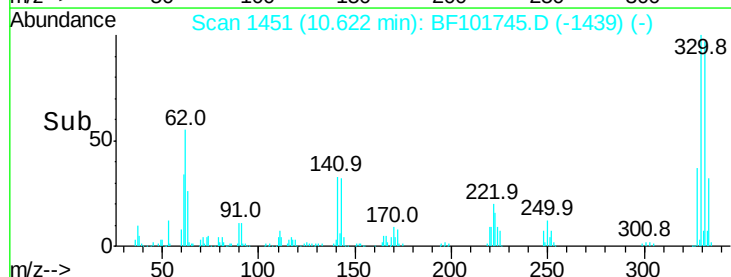
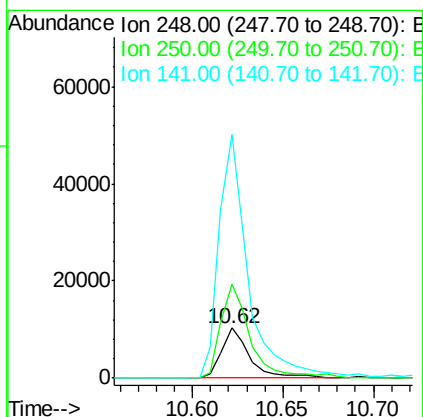
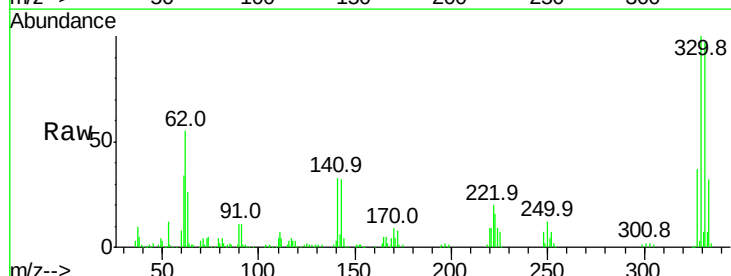
Instrument :
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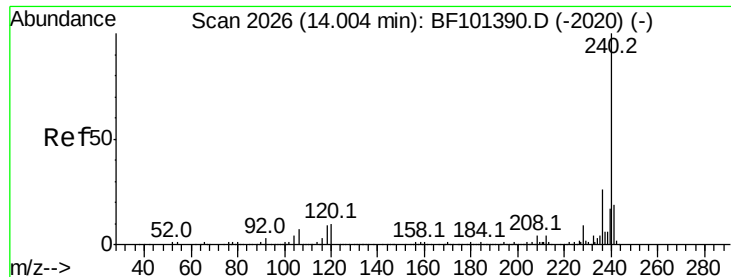
Tot Ion:188 Resp: 270169
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 3.660 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.23 min
Lab File: BF101745.D
Acq: 27 Dec 2017 5:33

Tgt Ion:248 Resp: 11110
Ion Ratio Lower Upper
248 100
250 186.8 76.9 115.3#
141 486.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(112-114)

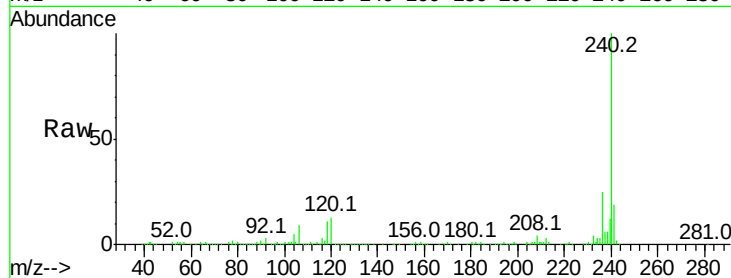
Tot Ion:240 Resp: 293251

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

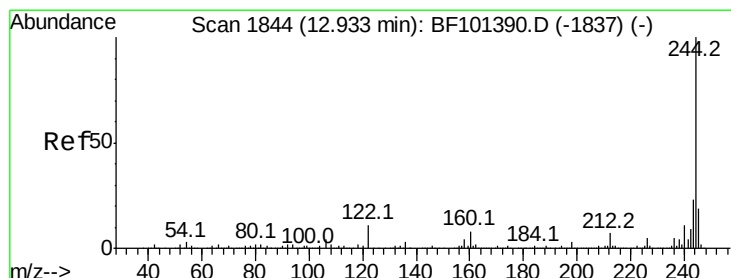
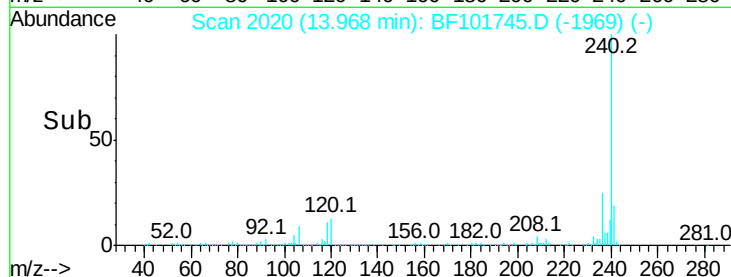
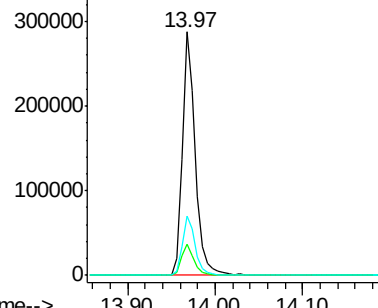
236 24.6 20.7 31.1



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: 80.440 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101745.D

Acq: 27 Dec 2017 5:33

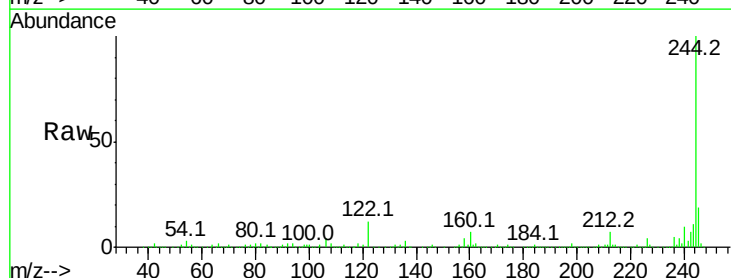
Tgt Ion:244 Resp: 978491

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

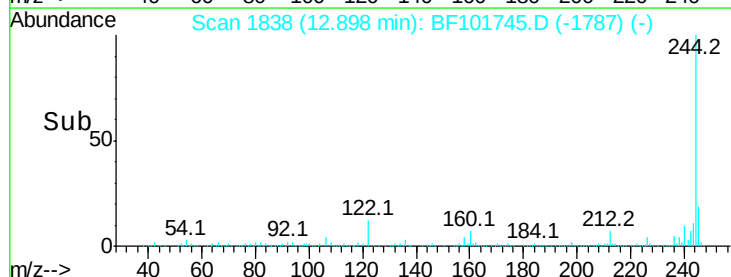
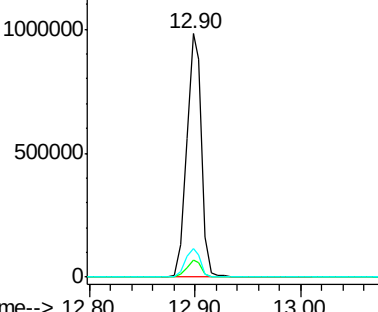
122 12.0 11.0 16.4

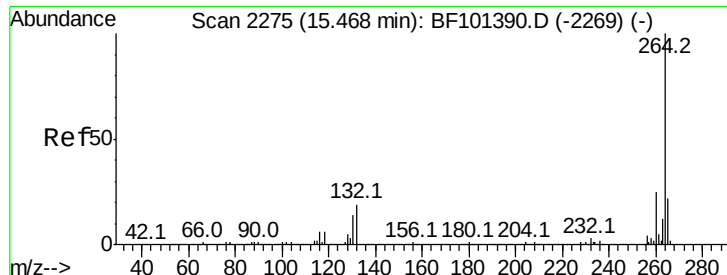


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

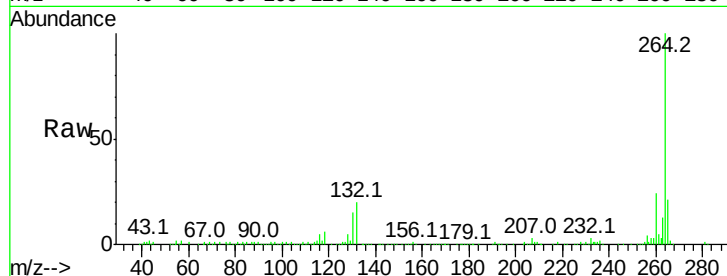




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BF101745.D
 Acq: 27 Dec 2017 5:33

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(112-114)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.8	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

