

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111517\
 Data File : BF100589.D
 Acq On : 15 Nov 2017 15:44
 Operator : SJ/JU
 Sample : I6422-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-10(0-5)

Quant Time: Nov 16 04:00:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

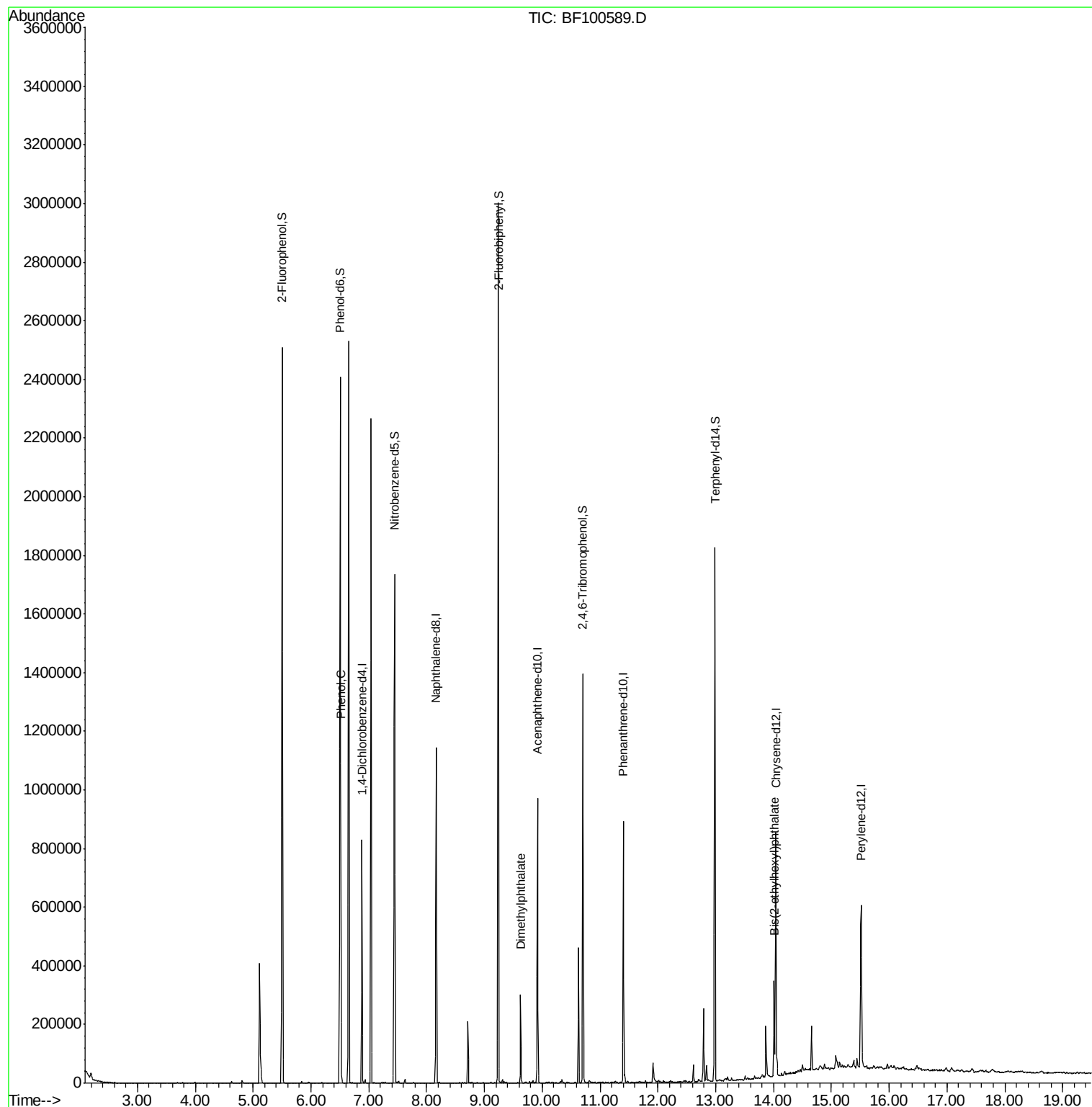
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	126107	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	478617	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	195862	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	296055	20.00	ng	0.00
75) Chrysene-d12	14.04	240	253848	20.00	ng	-0.01
86) Perylene-d12	15.52	264	258771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	726445	92.34	ng	0.00
7) Phenol-d6	6.51	99	883766	91.10	ng	0.00
23) Nitrobenzene-d5	7.45	82	539180	74.48	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164596	82.47	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	928740	72.20	ng	0.00
78) Terphenyl-d14	12.99	244	596288	53.97	ng	0.00
Target Compounds						
10) Phenol	6.52	94	44866	4.406	ng	93
49) Dimethylphthalate	9.63	163	106468	7.120	ng	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	83273	8.580	ng	98

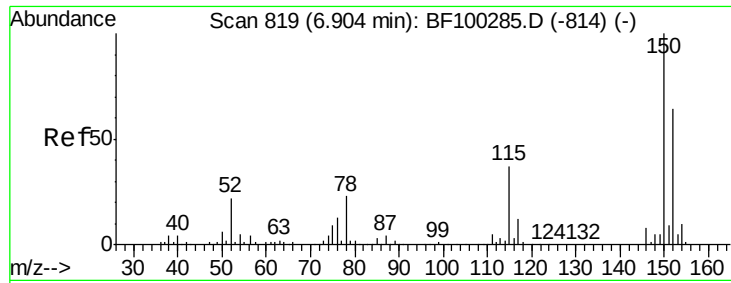
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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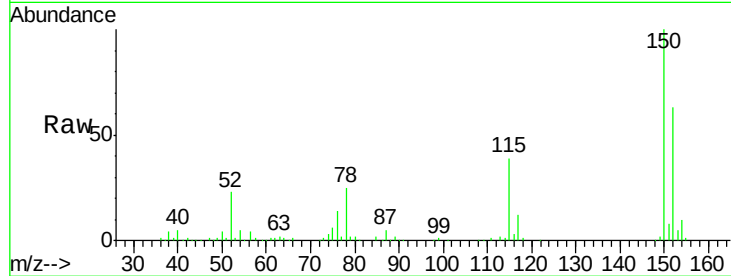


#1

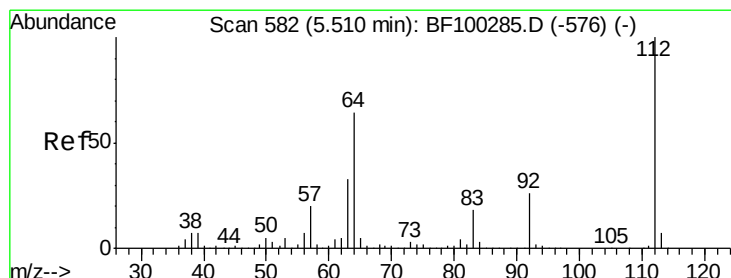
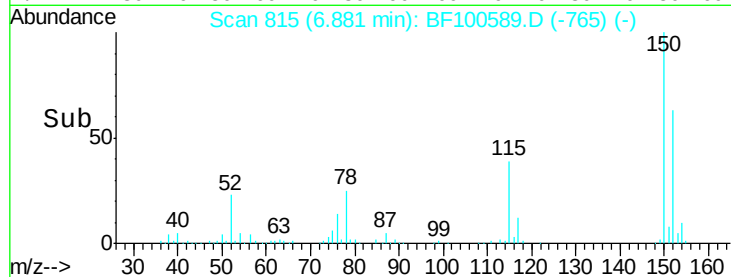
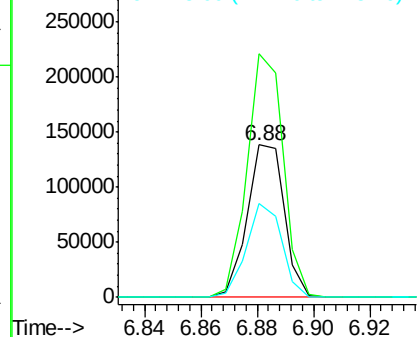
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

Instrument :
BNA_F
ClientSampleId :
EPE-P-10(0-5)

Tgt Ion:152 Resp: 126107
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 61.5 50.1 75.1



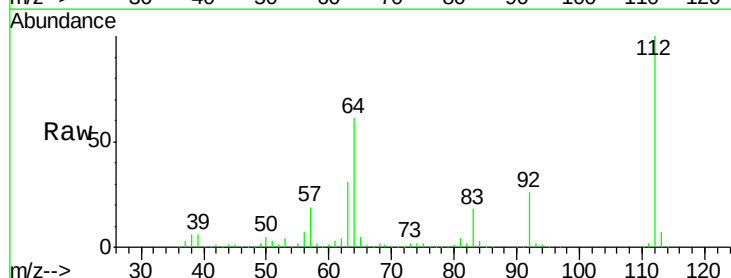
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



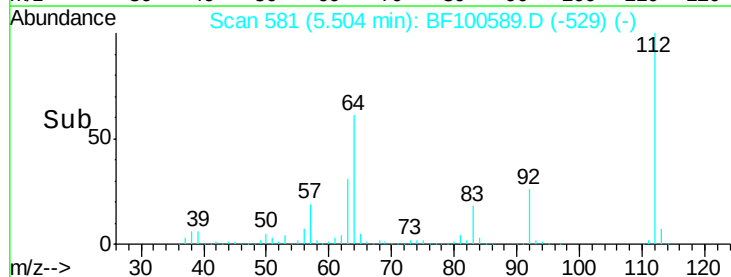
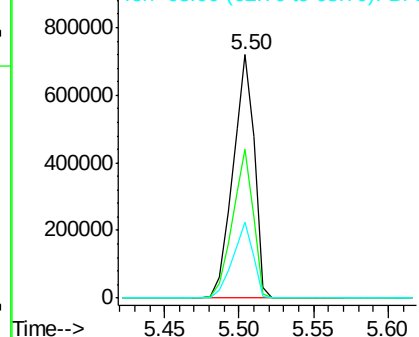
#5

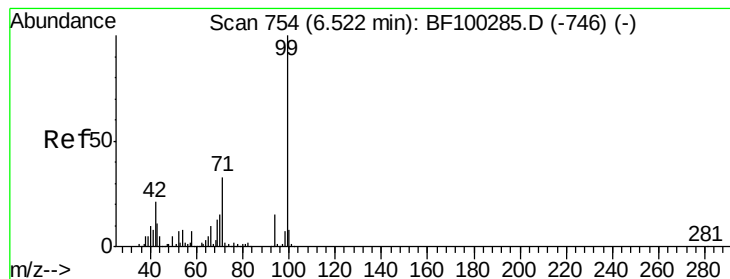
2-Fluorophenol
Concen: 92.341 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

Tgt Ion:112 Resp: 726445
Ion Ratio Lower Upper
112 100
64 61.0 47.9 71.9
63 31.1 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: 91.100 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF100589.D

Acq: 15 Nov 2017 15:44

Instrument :

BNA_F

ClientSampleId :

EPE-P-10(0-5)

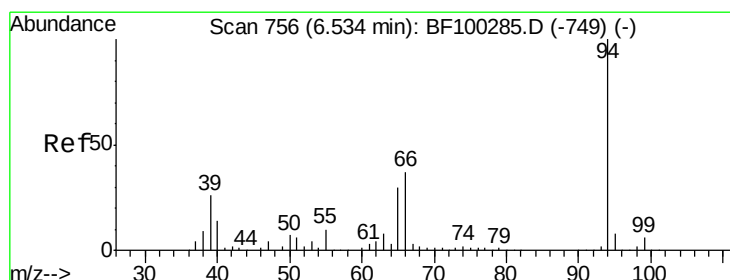
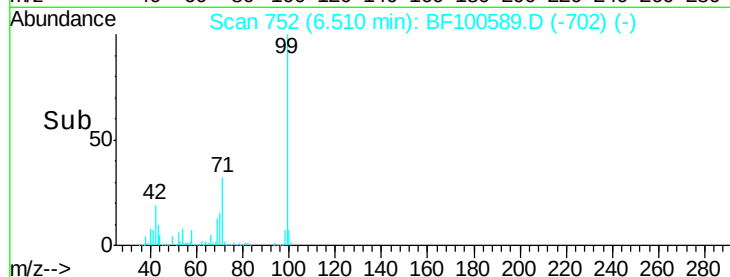
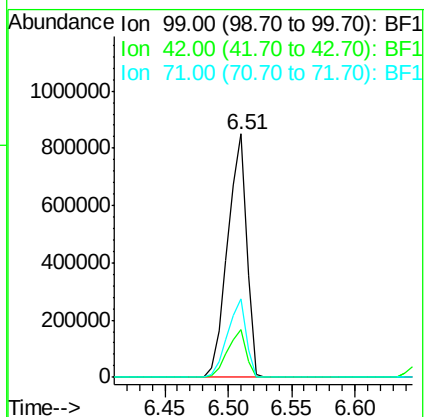
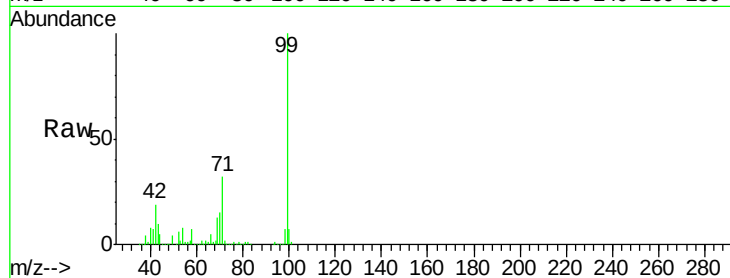
Tgt Ion: 99 Resp: 883766

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 32.4 25.4 38.0



#10

Phenol

Concen: 4.406 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100589.D

Acq: 15 Nov 2017 15:44

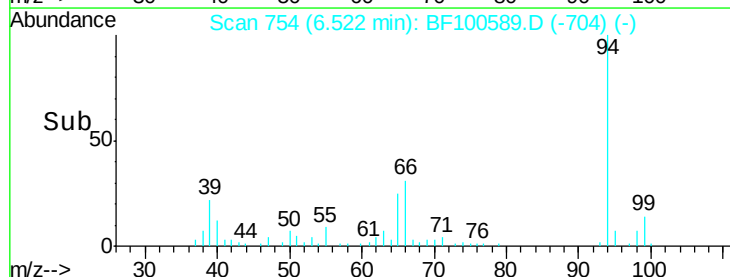
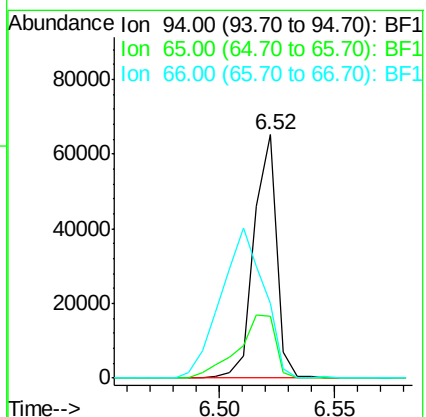
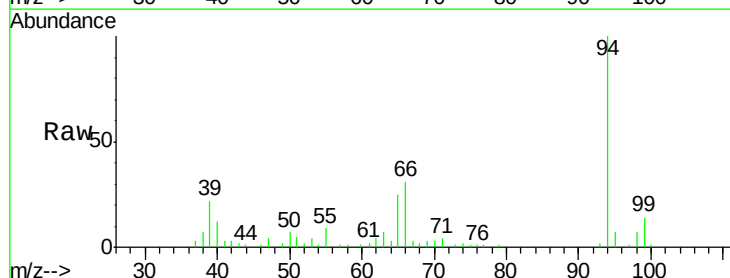
Tgt Ion: 94 Resp: 44866

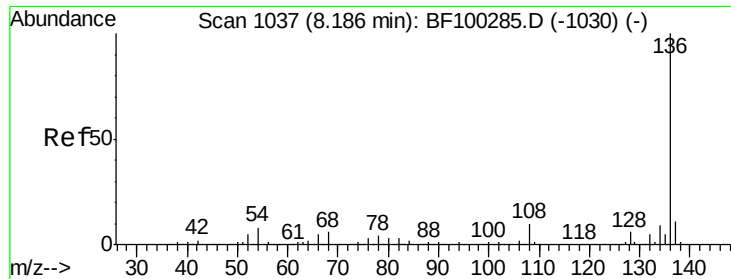
Ion Ratio Lower Upper

94 100

65 25.2 7.9 47.9

66 30.9 16.2 56.2

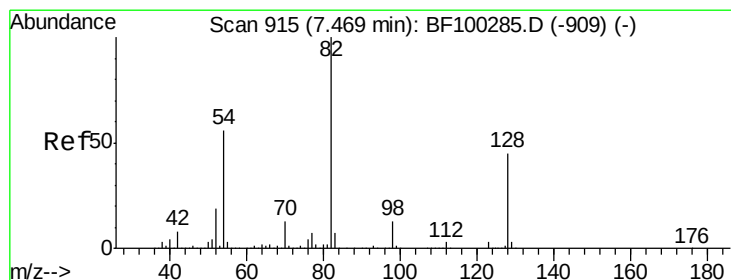
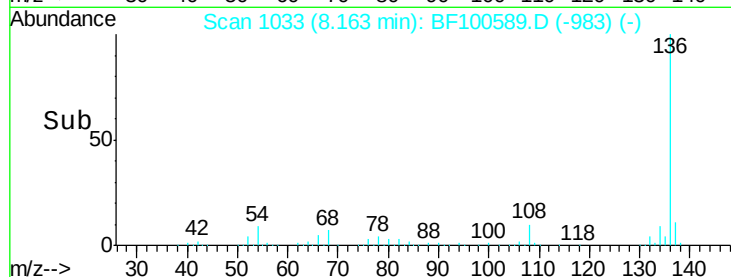
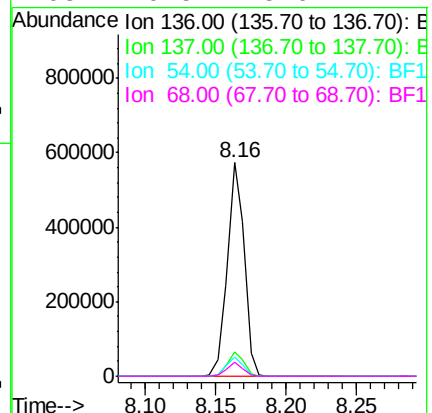
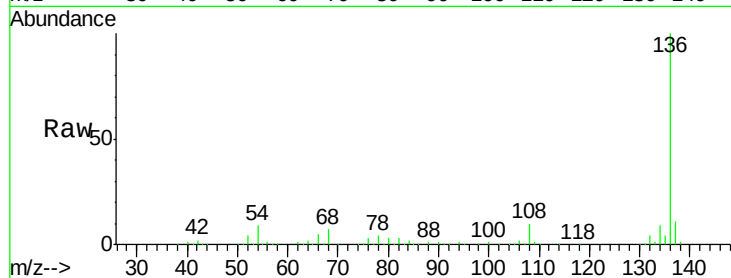




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

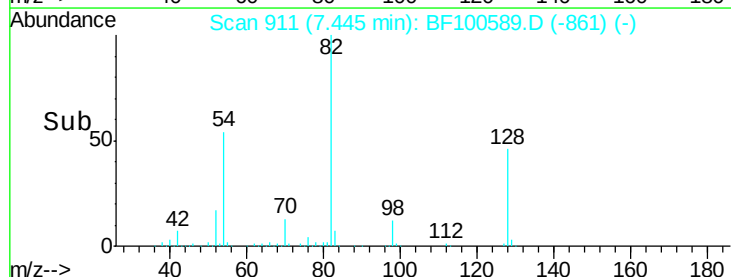
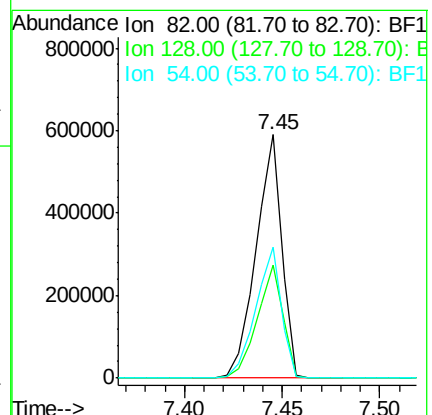
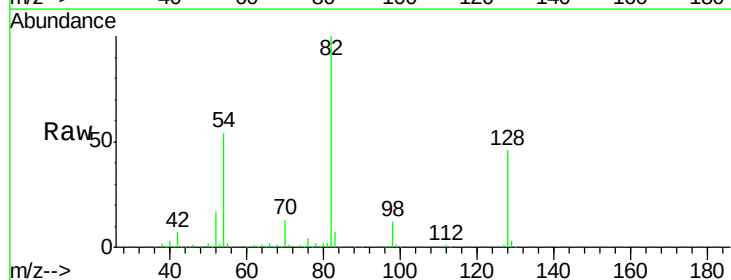
Instrument :
BNA_F
ClientSampleId :
EPE-P-10(0-5)

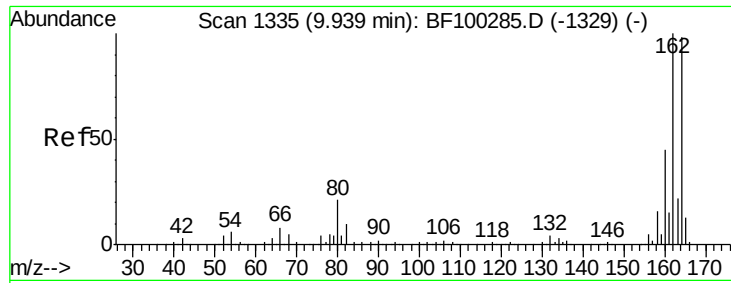
Tgt Ion:	136	Resp:	478617
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	6.6	9.8
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 74.479 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

Tgt Ion:	82	Resp:	539180
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.1	54.1
54	54.0	41.4	62.2

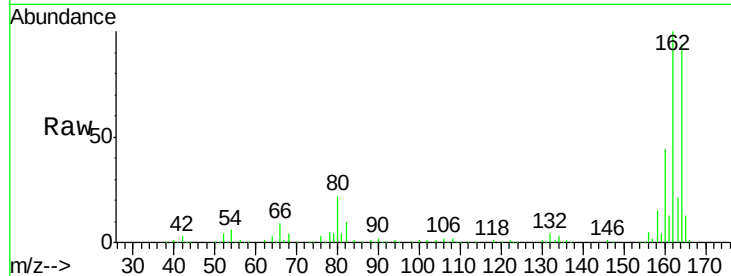




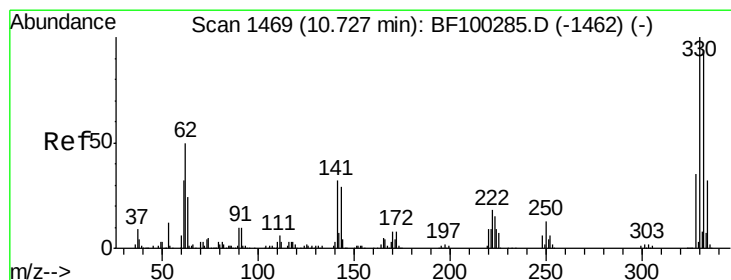
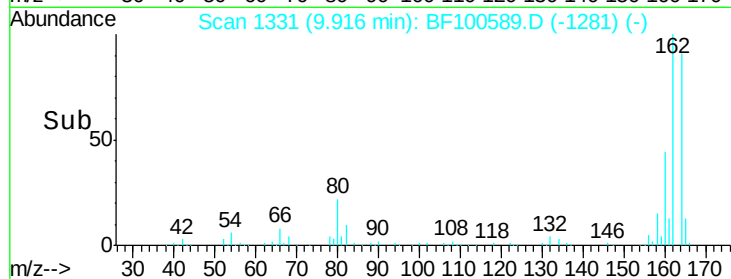
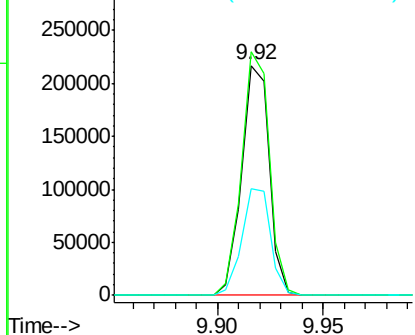
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100589.D
 Acq: 15 Nov 2017 15:44

Instrument :
 BNA_F
 ClientSampleId :
 EPE-P-10(0-5)

Tgt Ion:164 Resp: 195862
 Ion Ratio Lower Upper
 164 100
 162 106.1 86.1 129.1
 160 46.3 38.3 57.5

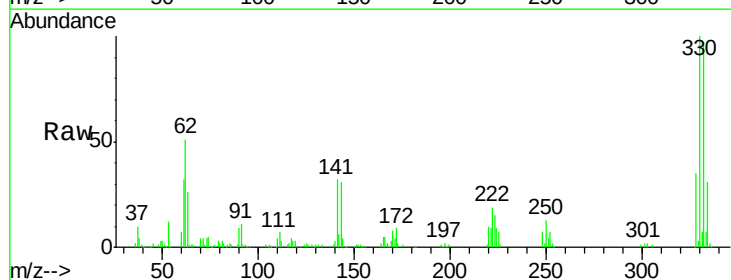


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

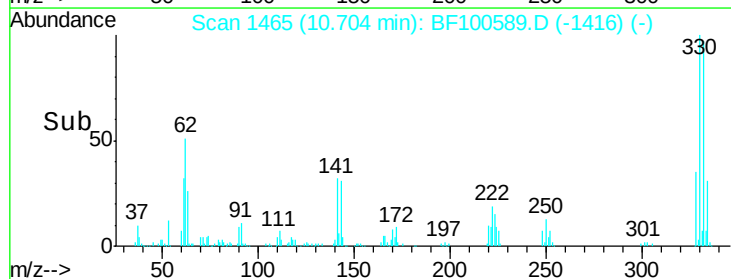
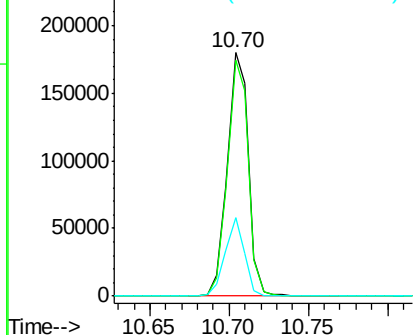


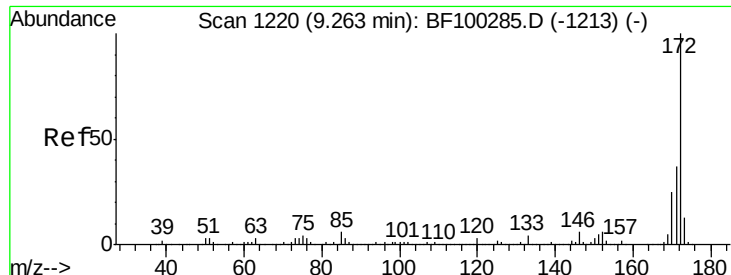
#41
 2,4,6-Tribromophenol
 Concen: 82.470 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100589.D
 Acq: 15 Nov 2017 15:44

Tgt Ion:330 Resp: 164596
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 29.6 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

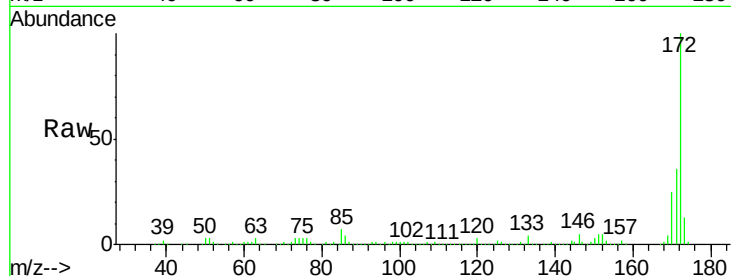




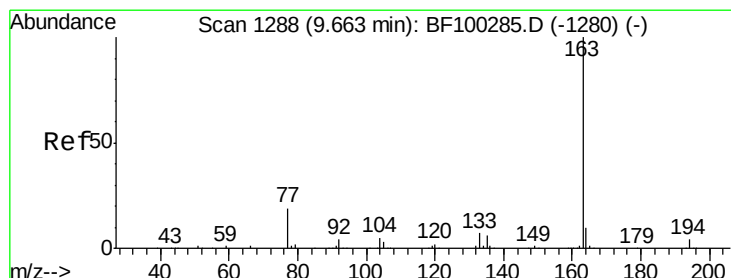
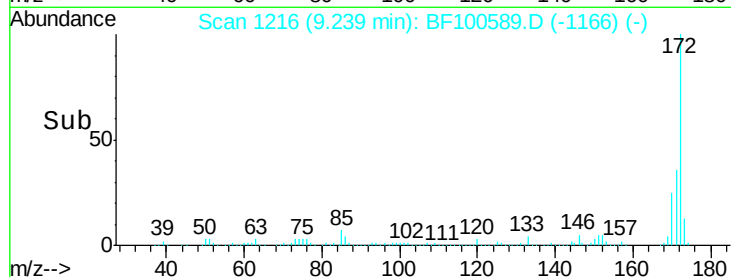
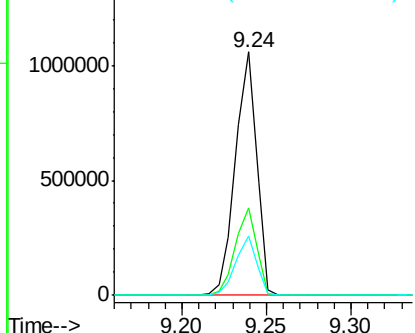
#44
2-Fluorobiphenyl
Concen: 72.204 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

Instrument :
BNA_F
ClientSampleId :
EPE-P-10(0-5)

Tgt Ion:172 Resp: 928740
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.6 19.6 29.4

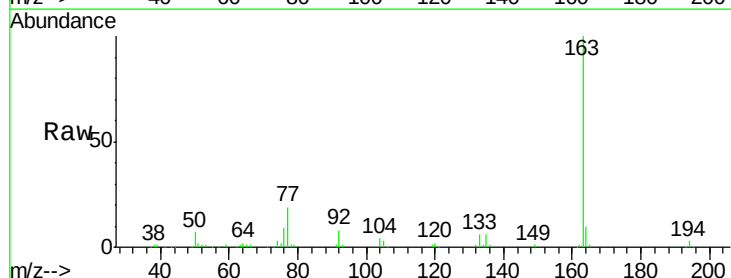


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

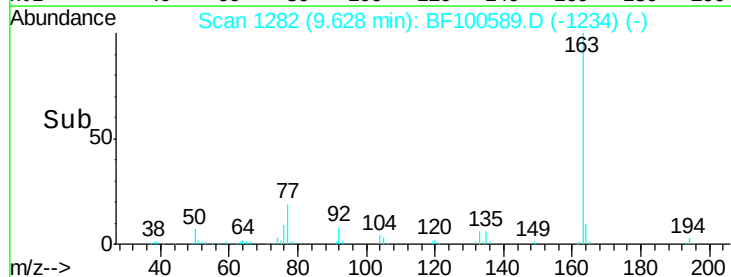
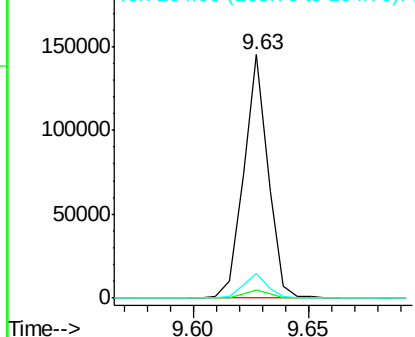


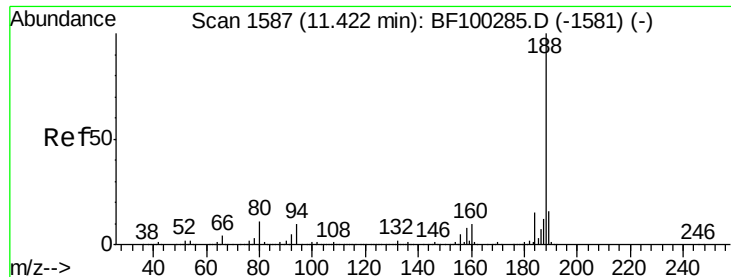
#49
Dimethylphthalate
Concen: 7.120 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

Tgt Ion:163 Resp: 106468
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.4 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100589.D

Acq: 15 Nov 2017 15:44

Instrument :

BNA_F

ClientSampleId :

EPE-P-10(0-5)

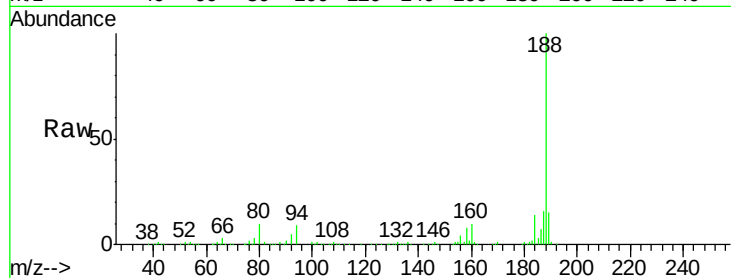
Tgt Ion:188 Resp: 296055

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

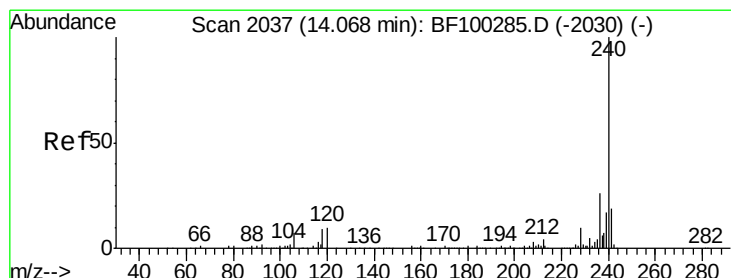
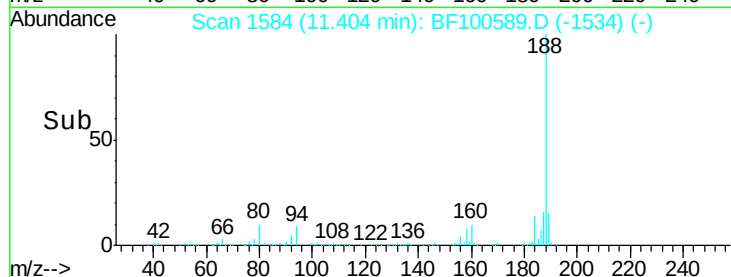
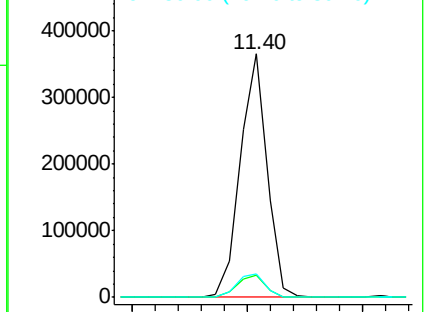
80 9.9 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100589.D

Acq: 15 Nov 2017 15:44

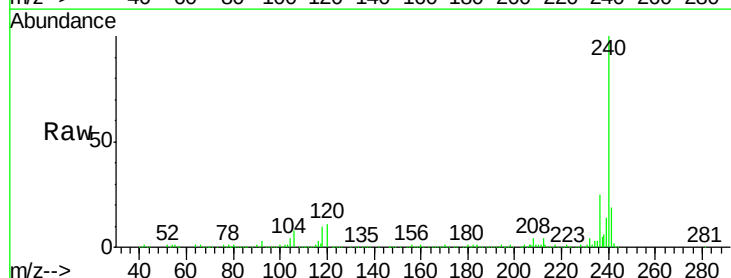
Tgt Ion:240 Resp: 253848

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

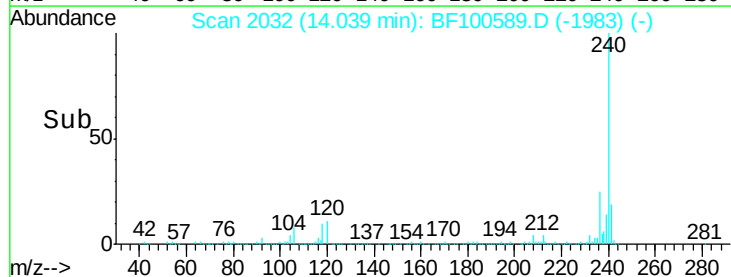
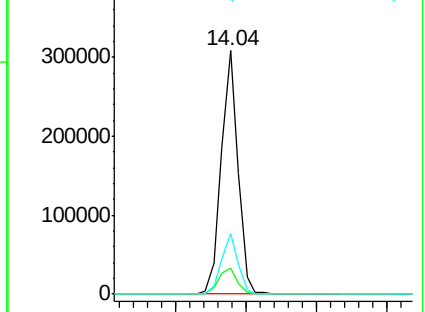
236 25.1 20.7 31.1

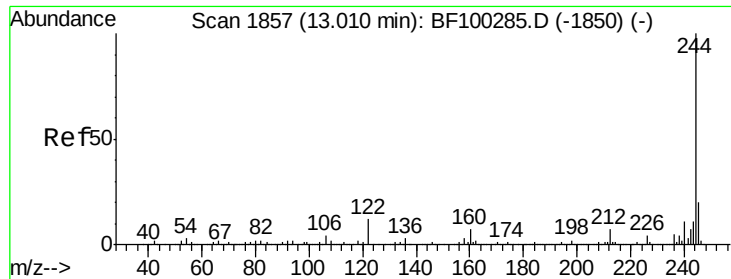


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 53.973 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100589.D

Acq: 15 Nov 2017 15:44

Instrument :

BNA_F

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EPE-P-10(0-5)

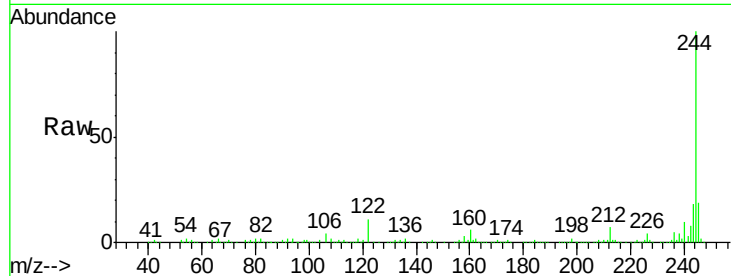
Tgt Ion:244 Resp: 596288

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

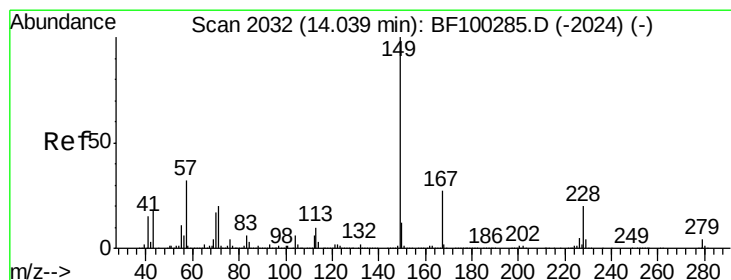
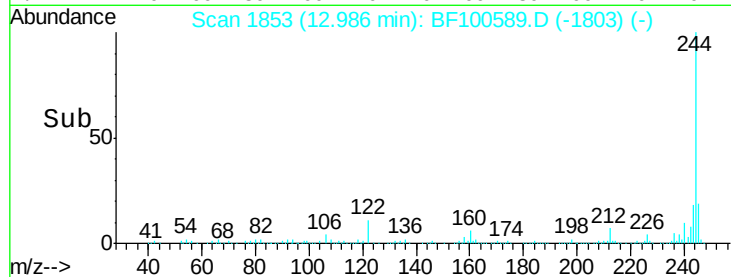
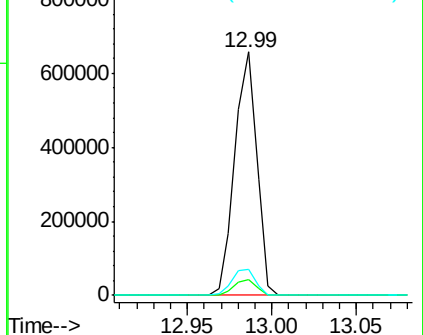
122 10.9 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 8.580 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF100589.D

Acq: 15 Nov 2017 15:44

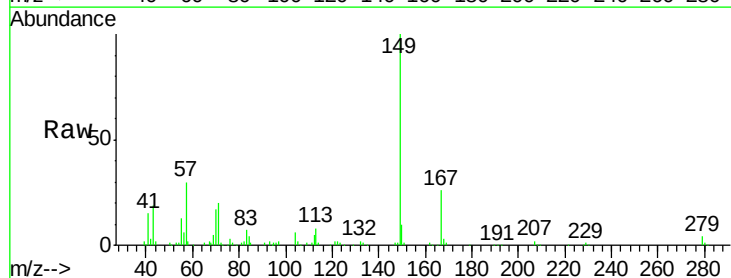
Tgt Ion:149 Resp: 83273

Ion Ratio Lower Upper

149 100

167 25.6 21.3 31.9

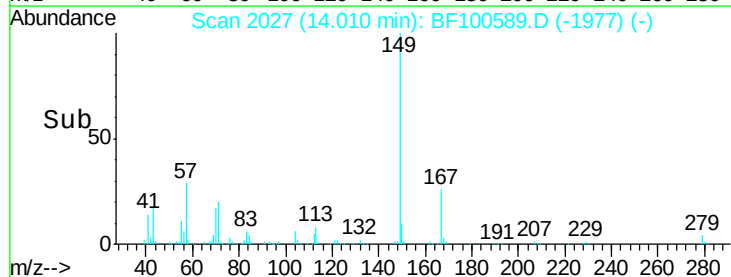
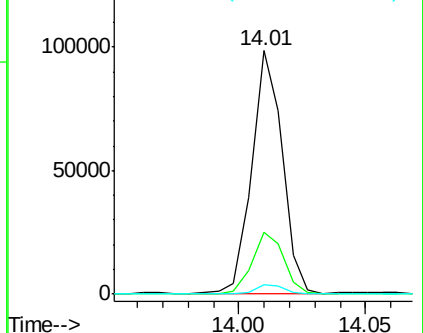
279 3.9 3.0 4.4

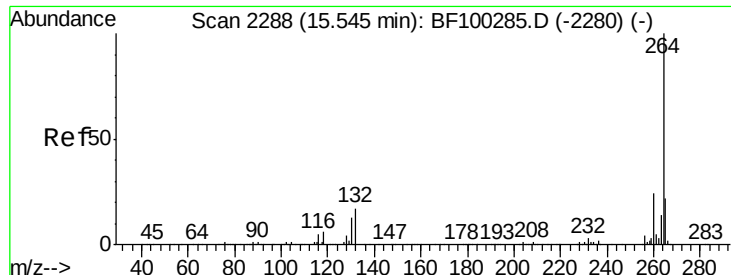


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF100589.D
Acq: 15 Nov 2017 15:44

Instrument :
BNA_F
ClientSampleId :
EPE-P-10(0-5)

Tgt Ion:264 Resp: 258771
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.1 17.5 26.3

