

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101044.D
 Acq On : 1 Dec 2017 3:20
 Operator : SJ/JU
 Sample : I6619-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-4(10-12)

Quant Time: Dec 01 04:46:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

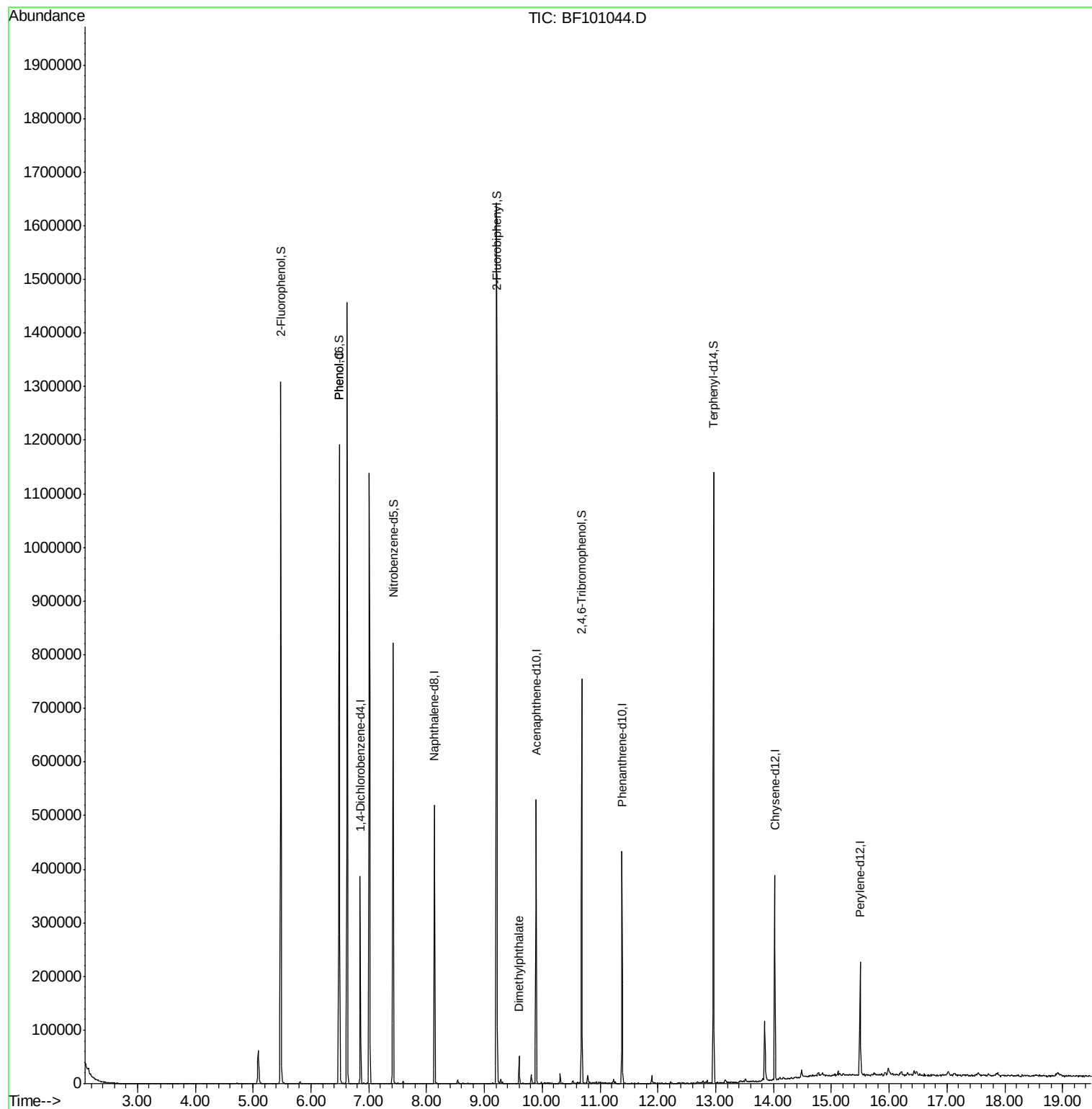
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59690	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	229464	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94891	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	145907	20.00	ng	0.00
75) Chrysene-d12	14.02	240	128659	20.00	ng	0.00
86) Perylene-d12	15.50	264	96752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	358813	99.33	ng	0.01
7) Phenol-d6	6.49	99	429654	97.97	ng	0.00
23) Nitrobenzene-d5	7.42	82	254158	66.07	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	91117	79.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	530145	76.44	ng	0.00
78) Terphenyl-d14	12.96	244	379264	64.48	ng	0.00
Target Compounds						
10) Phenol	6.50	94	16931	3.472	ng	78
49) Dimethylphthalate	9.60	163	22659	2.961	ng	98

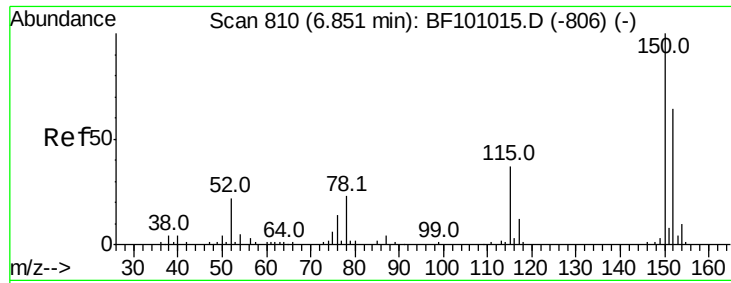
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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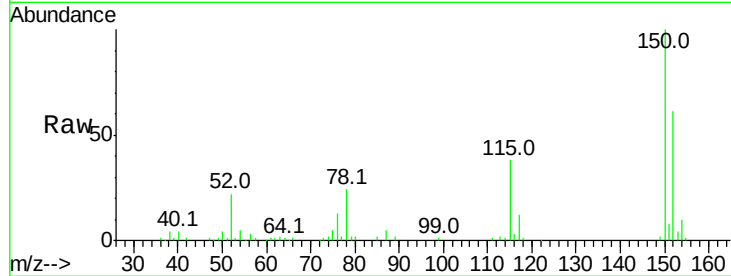


#1

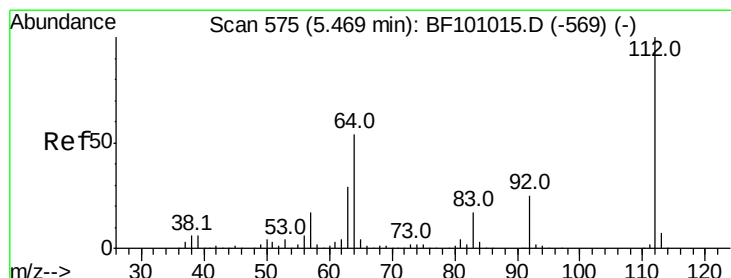
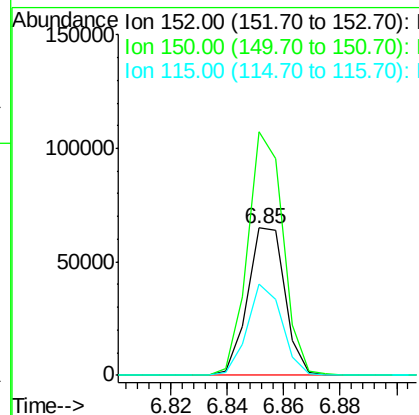
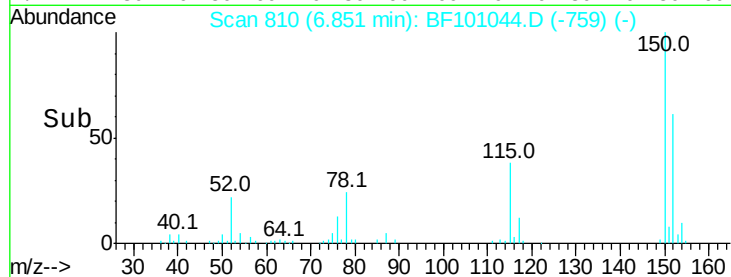
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EPE-120-4(10-12)

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.2	124.6	186.8
115	62.3	50.1	75.1



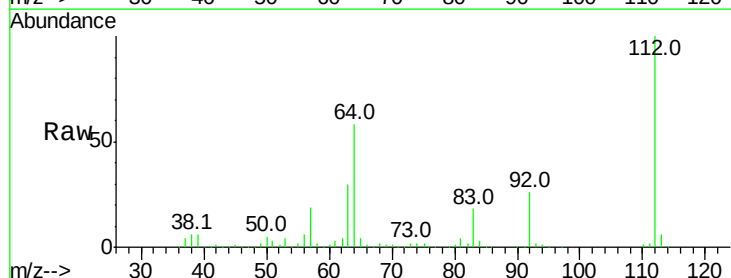
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



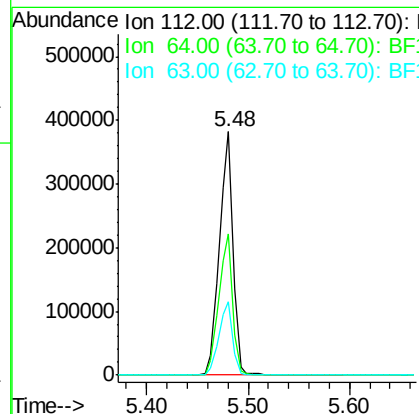
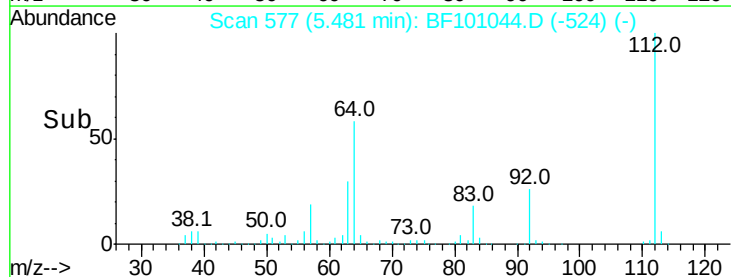
#5

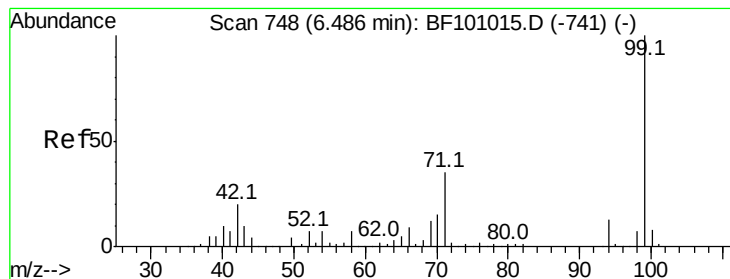
2-Fluorophenol
Concen: 99.333 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	47.9	71.9
63	29.9	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: 97.969 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101044.D

Acq: 1 Dec 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EPE-120-4(10-12)

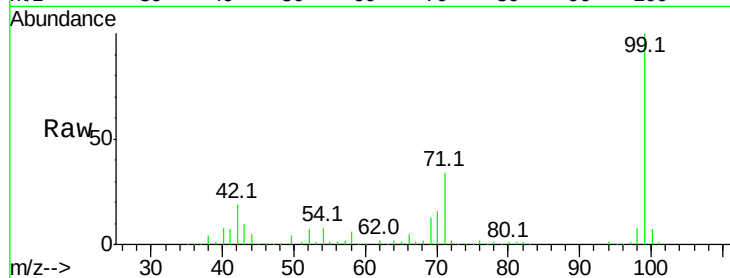
Tot Ion: 99 Resp: 429654

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

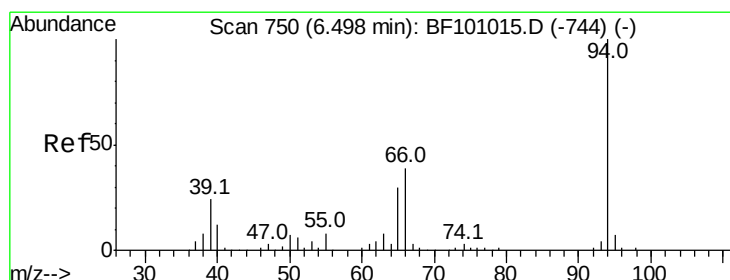
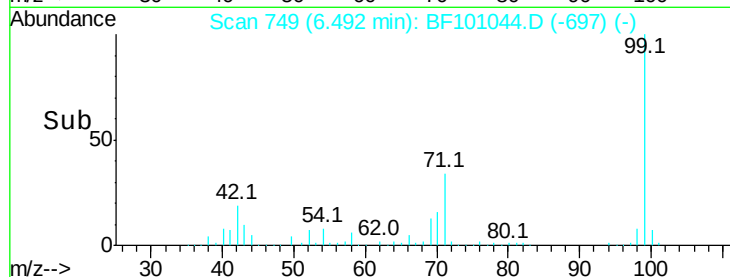
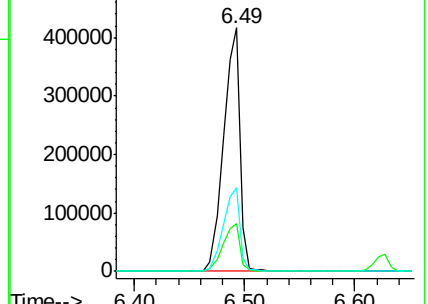
71 34.4 25.4 38.0



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: 3.472 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF101044.D

Acq: 1 Dec 2017 3:20

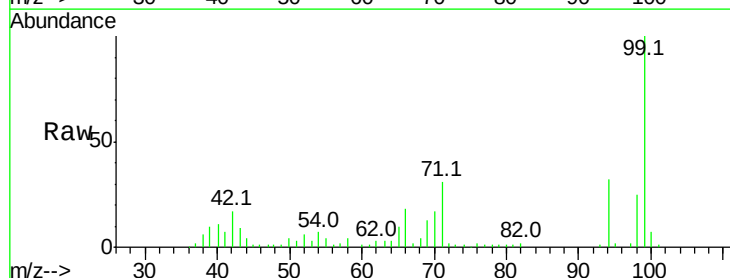
Tgt Ion: 94 Resp: 16931

Ion Ratio Lower Upper

94 100

65 31.4 7.9 47.9

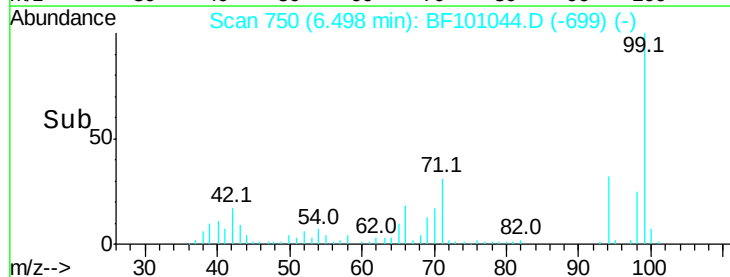
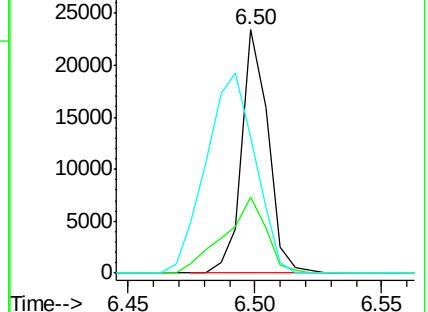
66 55.9 16.2 56.2

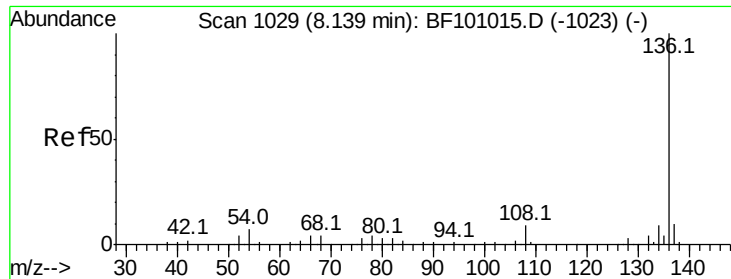


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

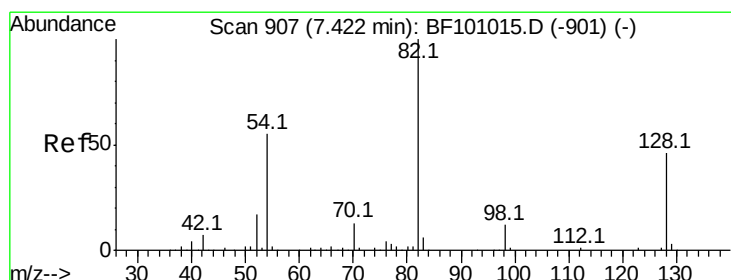
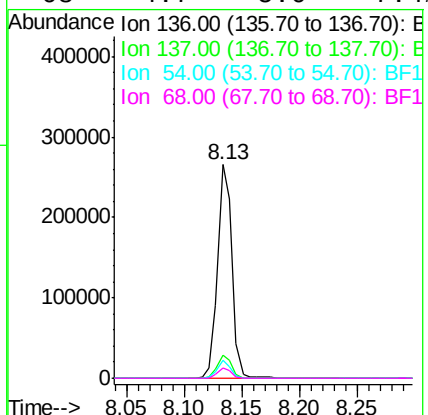
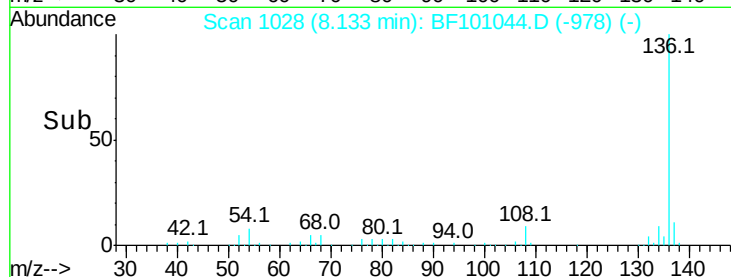
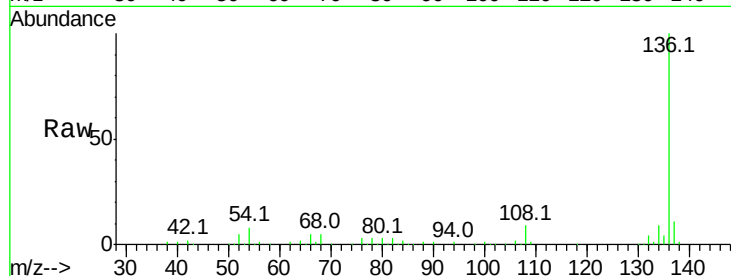




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

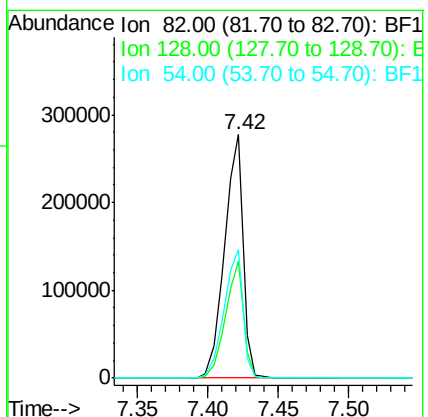
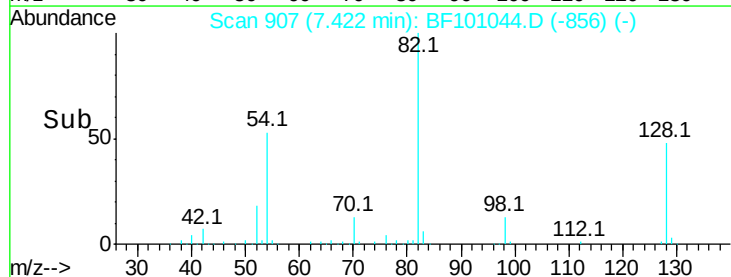
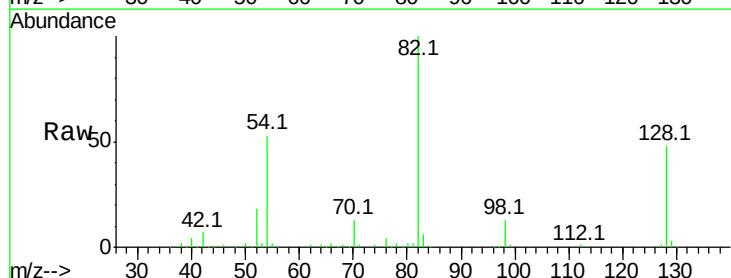
Instrument :
BNA_F
ClientSampleId :
EPE-120-4(10-12)

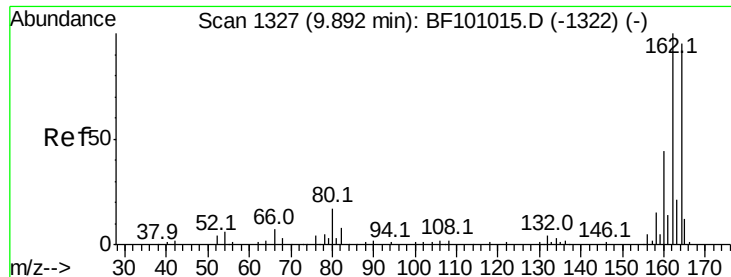
Tot Ion:	136	Resp:	229464
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.2	6.6	9.8
68	4.7	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 66.073 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

Tgt Ion:	82	Resp:	254158
Ion	Ratio	Lower	Upper
82	100		
128	48.2	36.1	54.1
54	52.9	41.4	62.2

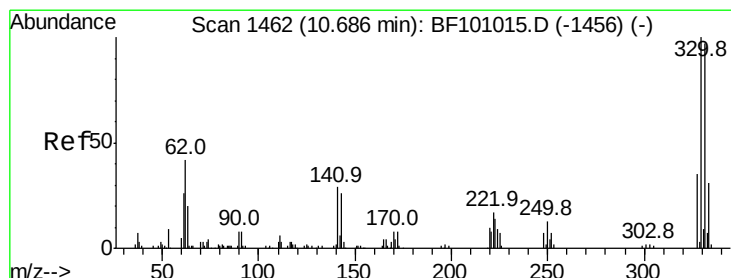
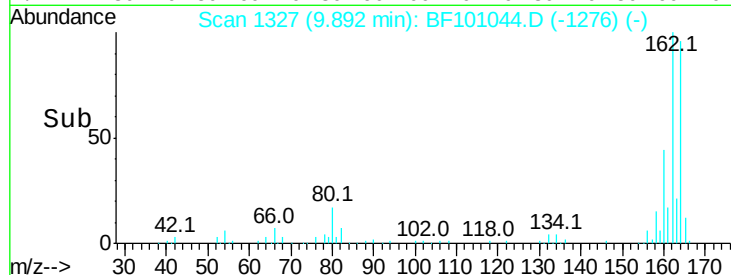
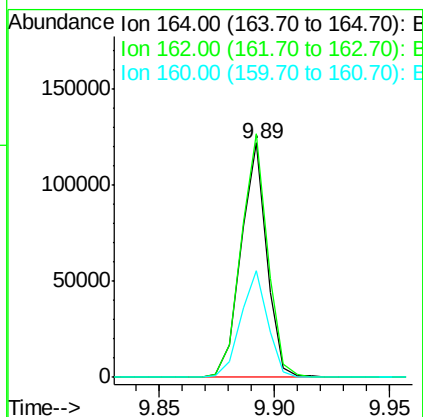
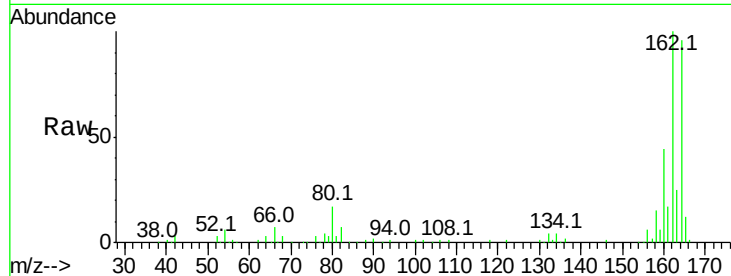




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

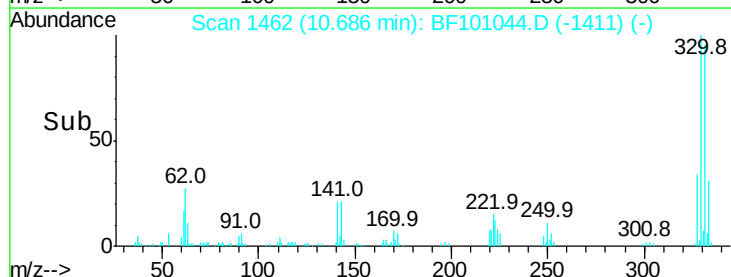
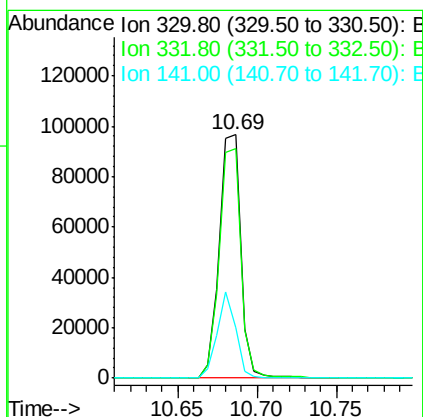
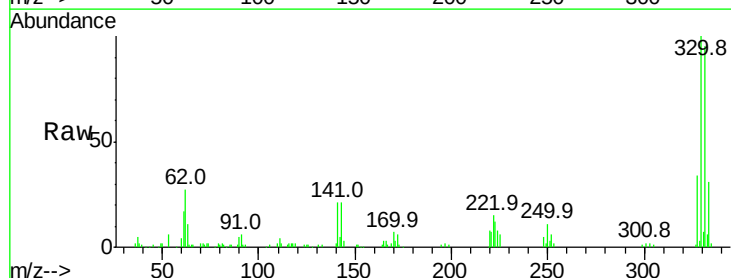
Instrument :
BNA_F
ClientSampleId :
EPE-120-4(10-12)

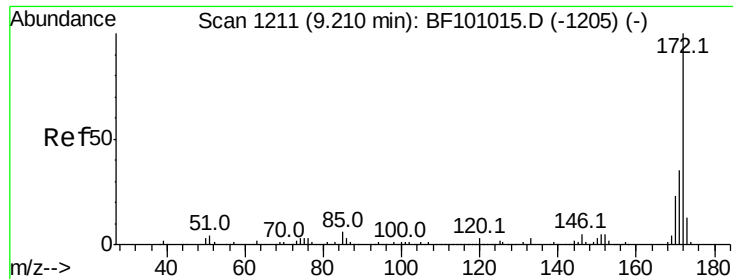
Tot Ion:164 Resp: 94891
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.6 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 79.933 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

Tgt Ion:330 Resp: 91117
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 30.4 29.9 44.9

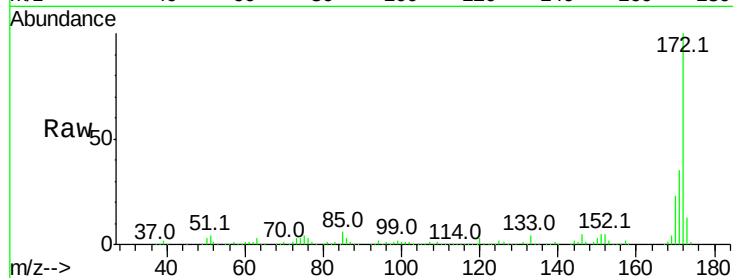




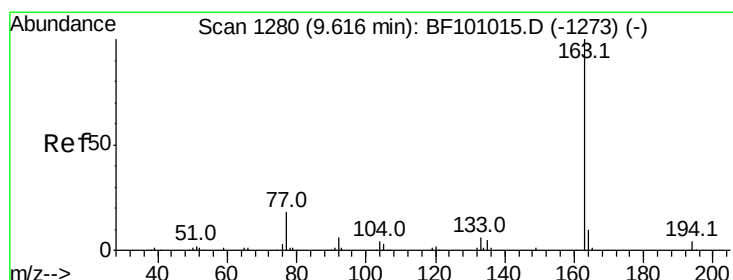
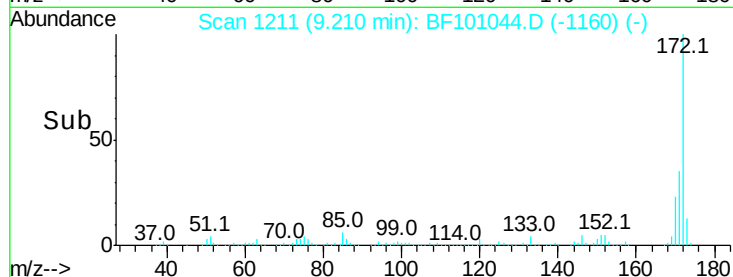
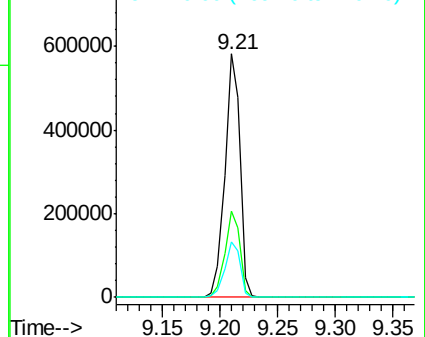
#44
2-Fluorobiphenyl
Concen: 76.440 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :
EPE-120-4(10-12)

Tot Ion:172 Resp: 530145
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 22.9 19.6 29.4

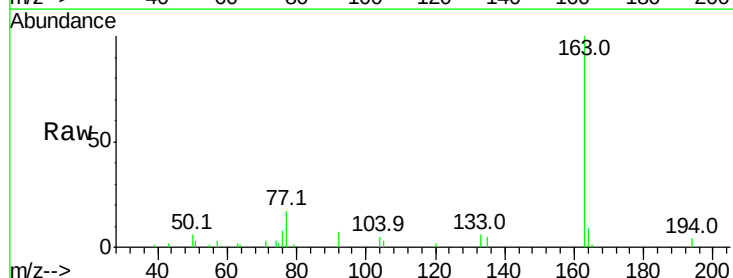


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

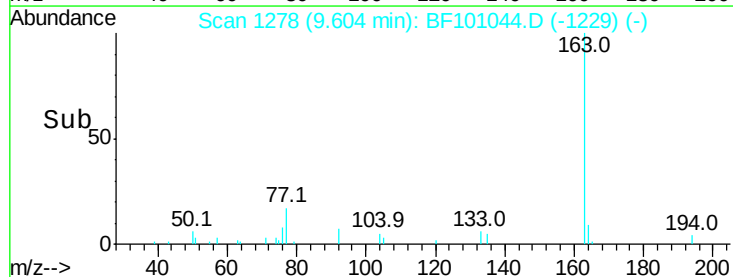
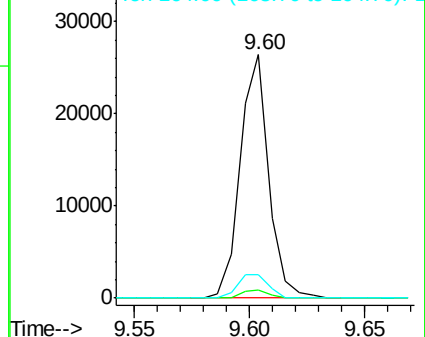


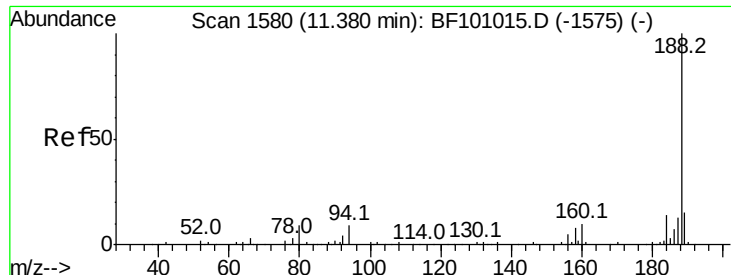
#49
Dimethylphthalate
Concen: 2.961 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF101044.D
Acq: 1 Dec 2017 3:20

Tgt Ion:163 Resp: 22659
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.5 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: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF101044.D

Acq: 1 Dec 2017 3:20

Instrument :

BNA_F

ClientSampleId :

EPE-120-4(10-12)

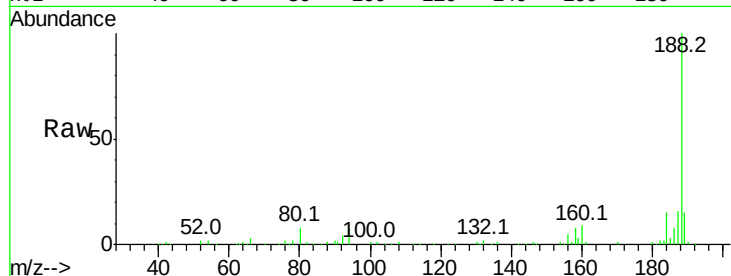
Tot Ion:188 Resp: 145907

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

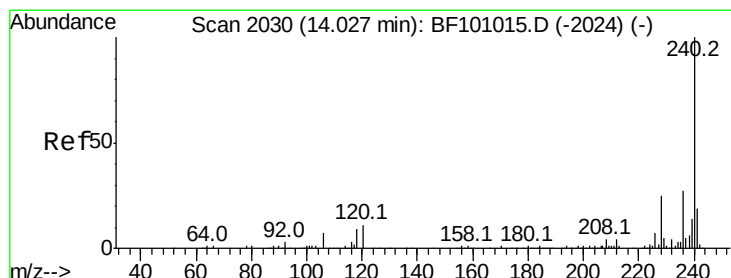
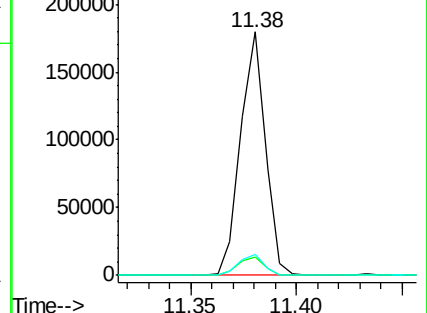
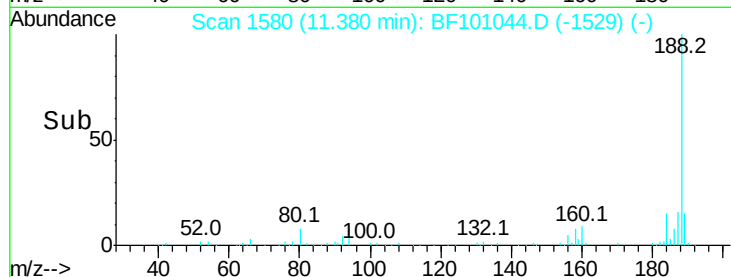
80 8.5 9.2 13.8#



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: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF101044.D

Acq: 1 Dec 2017 3:20

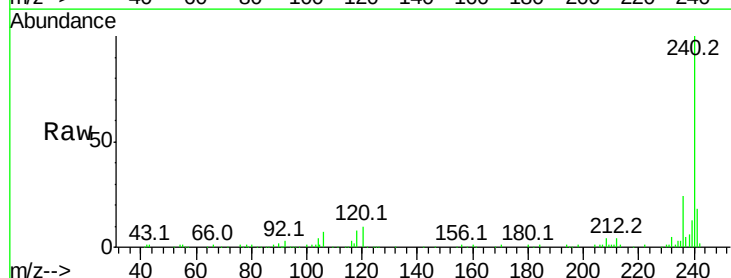
Tgt Ion:240 Resp: 128659

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

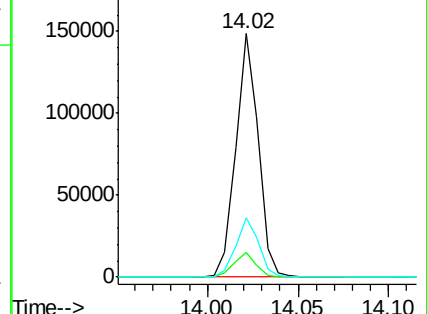
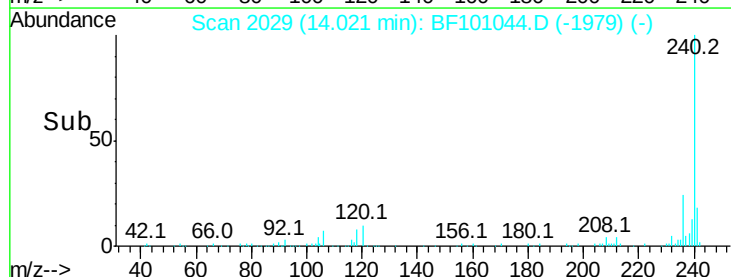
236 24.3 20.7 31.1

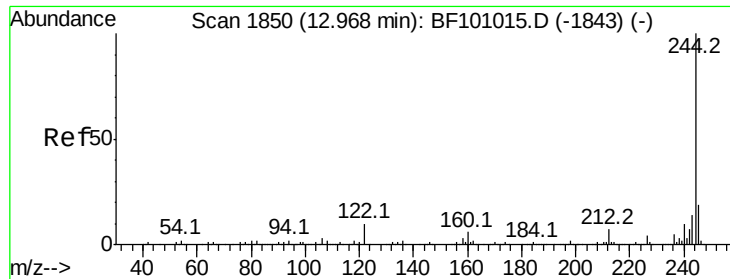


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

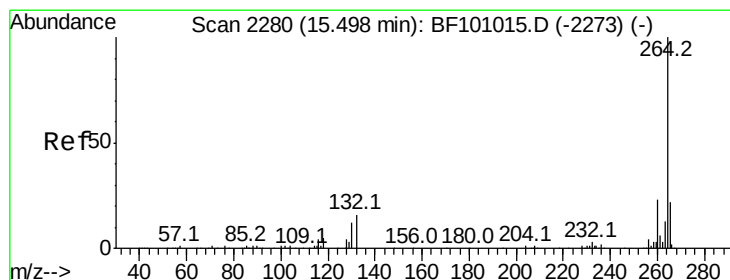
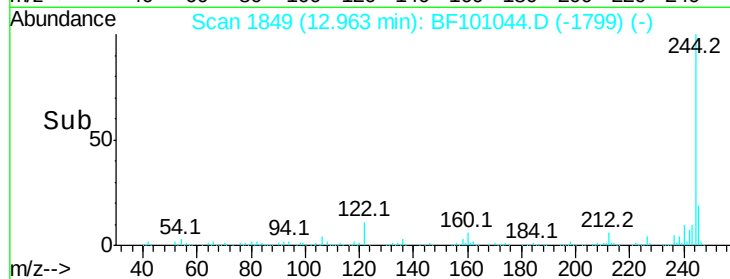
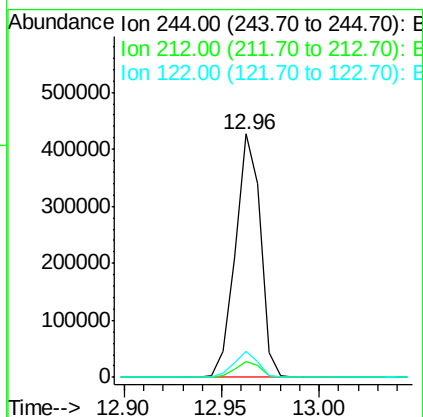
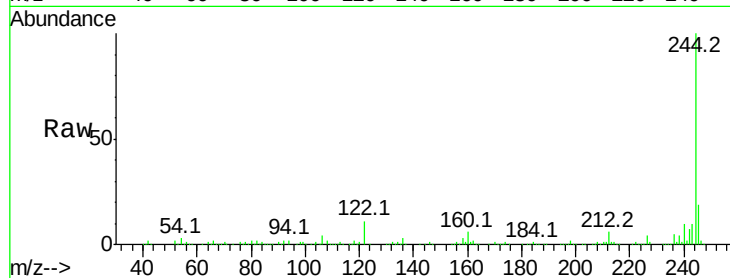




#78
 Terphenyl-d14
 Concen: 64.477 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101044.D
 Acq: 1 Dec 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :
 EPE-120-4(10-12)

Tot Ion:244 Resp: 379264
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BF101044.D
 Acq: 1 Dec 2017 3:20

Tgt Ion:264 Resp: 96752
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.2 28.8
 265 21.6 17.5 26.3

