

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098908.D
 Acq On : 28 Sep 2017 15:03
 Operator : SJ/JU
 Sample : I5447-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-EPE-116-5B(10-12)

Quant Time: Sep 29 01:30:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

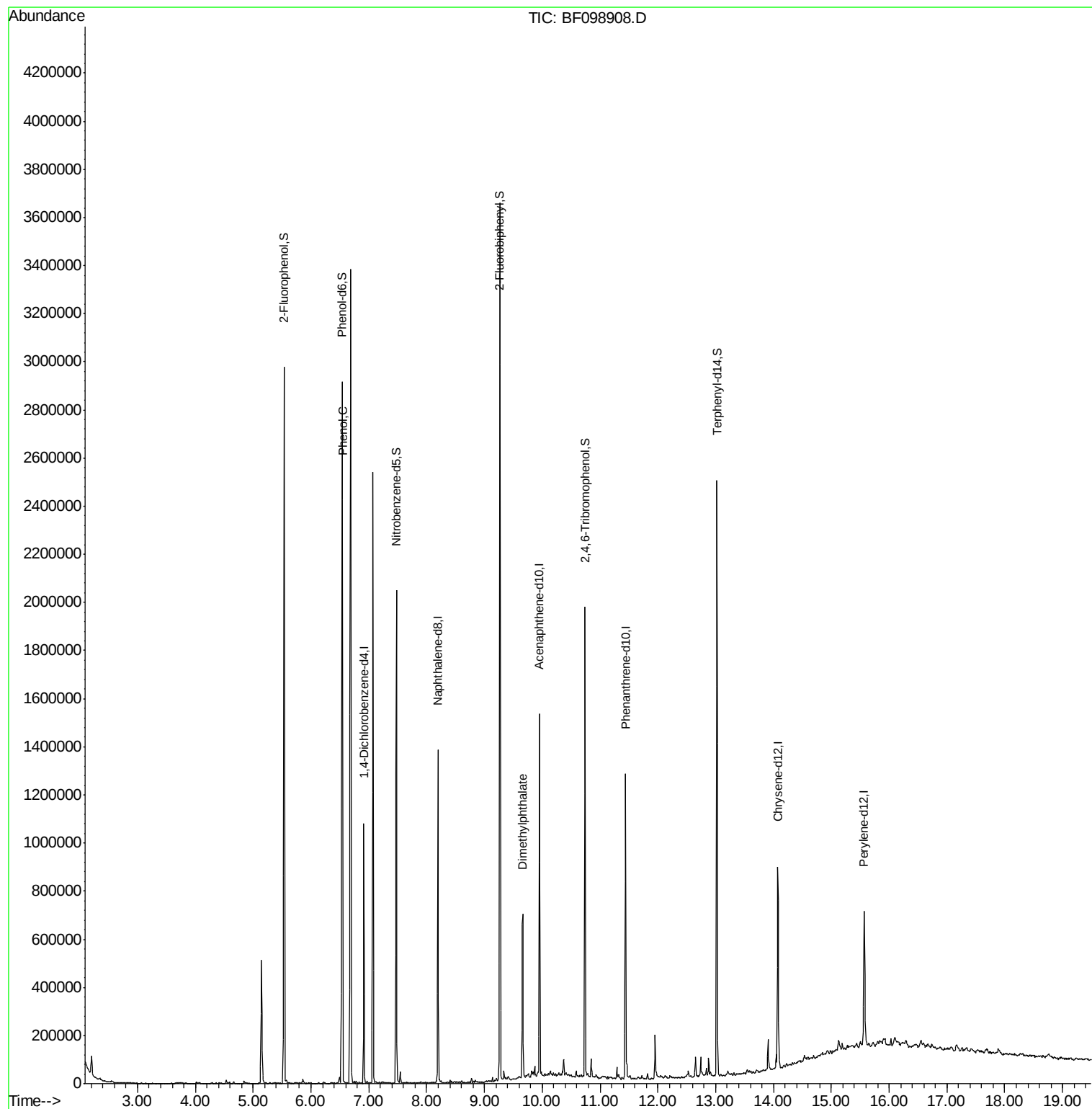
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	146686	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	608824	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	266489	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	395577	20.00	ng	0.00
75) Chrysene-d12	14.07	240	260525	20.00	ng	-0.01
86) Perylene-d12	15.57	264	243632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	960721	104.26	ng	0.00
7) Phenol-d6	6.54	99	1179298	103.75	ng	0.00
23) Nitrobenzene-d5	7.47	82	731186	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	203676	93.40	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1128300	70.68	ng	-0.01
78) Terphenyl-d14	13.02	244	722710	63.09	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	25828	2.032	ng	97
49) Dimethylphthalate	9.66	163	270691	13.458	ng	99

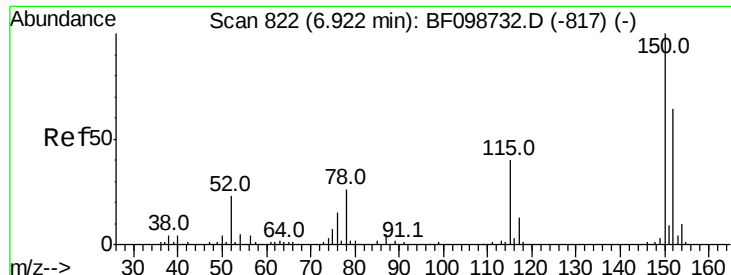
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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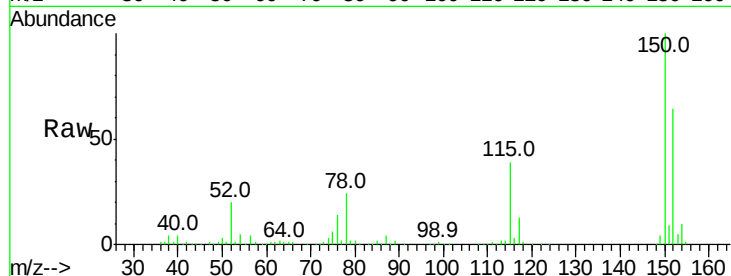


#1

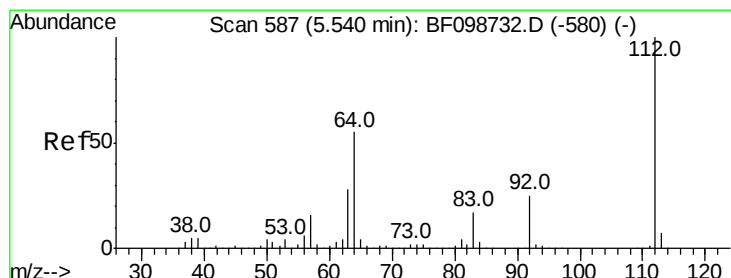
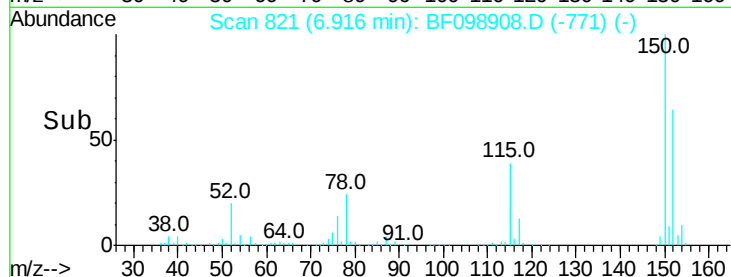
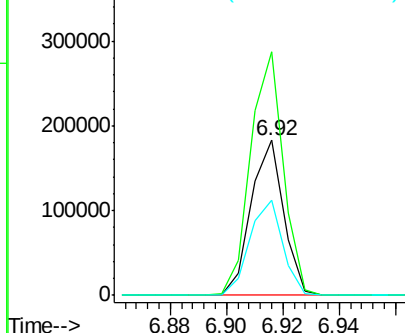
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)

Tot Ion:152 Resp: 146686
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.6 50.1 75.1



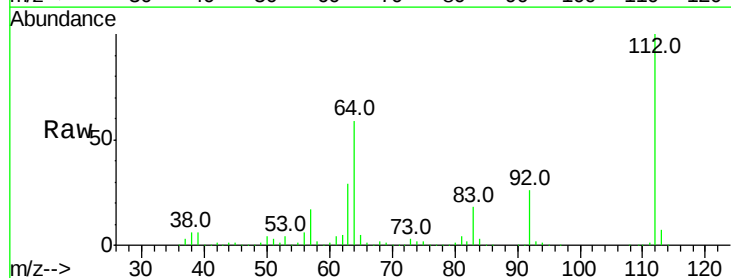
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



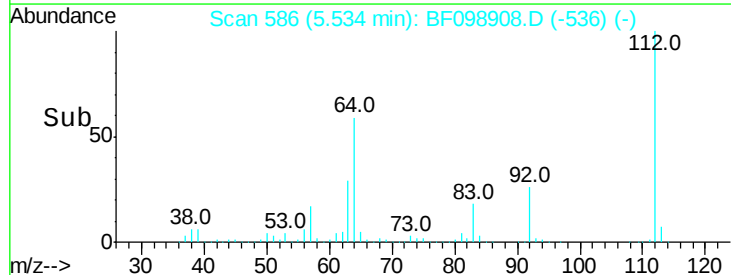
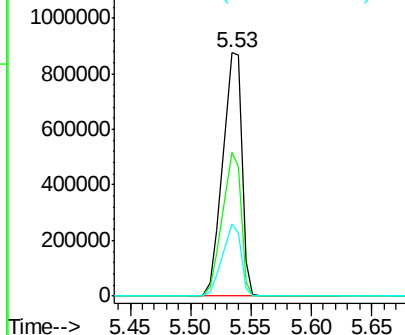
#5

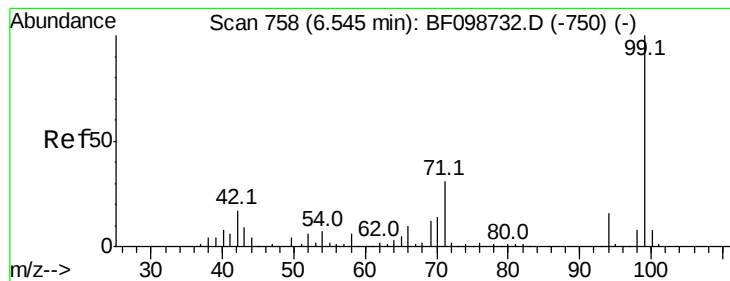
2-Fluorophenol
Concen: 104.262 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Tgt Ion:112 Resp: 960721
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 29.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.746 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)

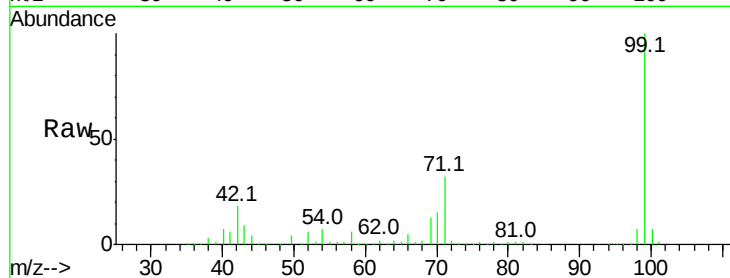
Tot Ion: 99 Resp: 1179298

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

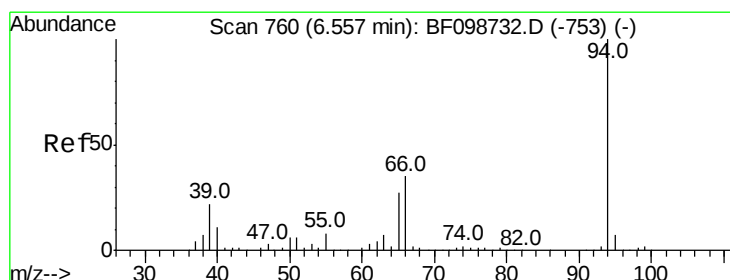
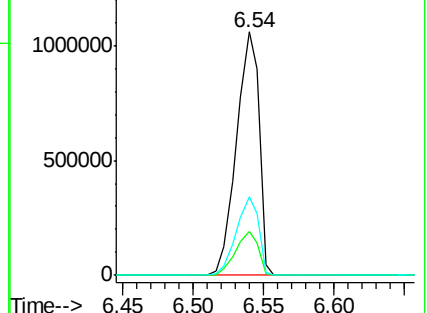
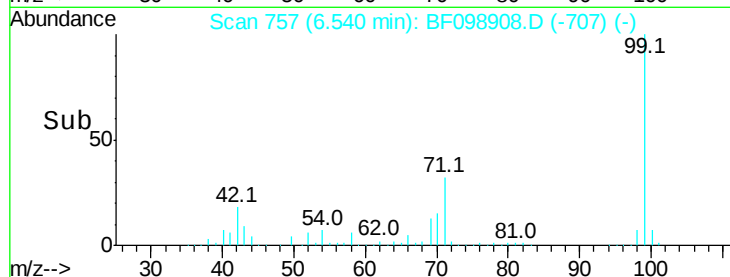
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.032 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

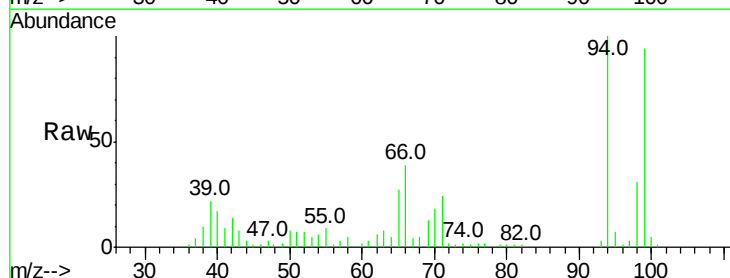
Tgt Ion: 94 Resp: 25828

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

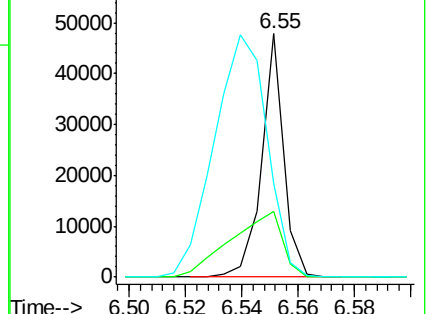
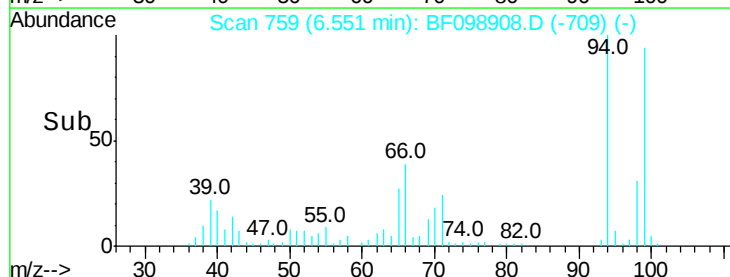
66 38.5 16.2 56.2

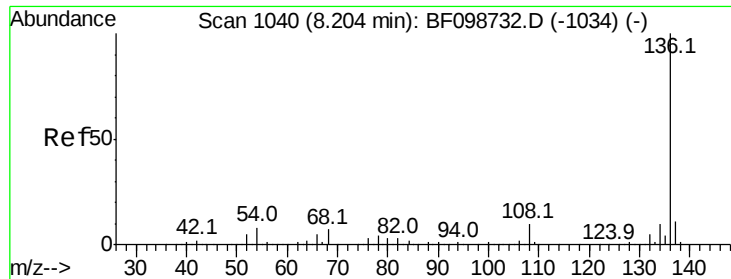


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

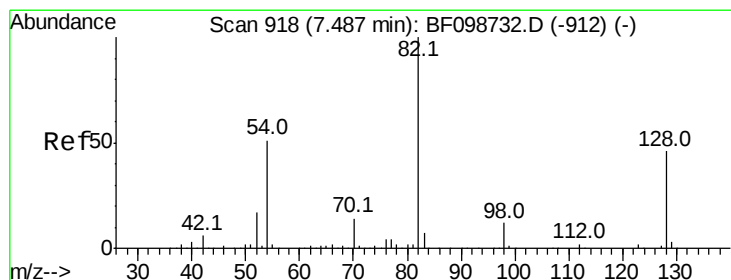
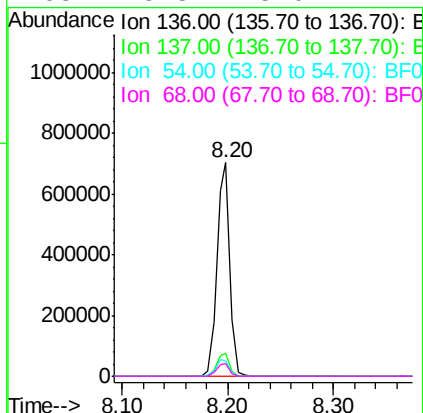
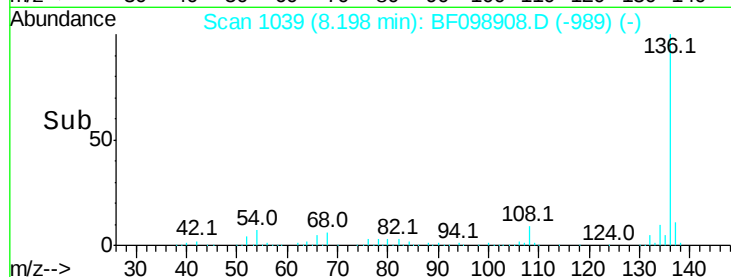
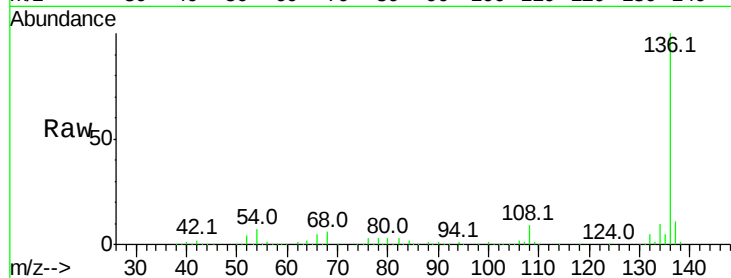




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

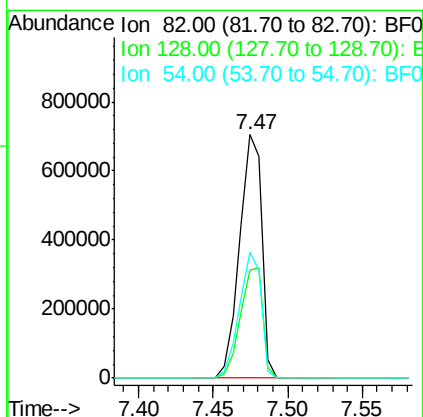
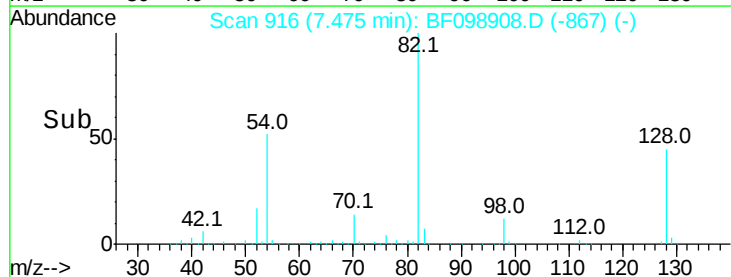
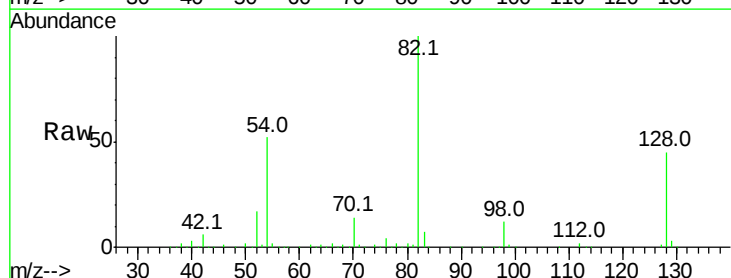
Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)

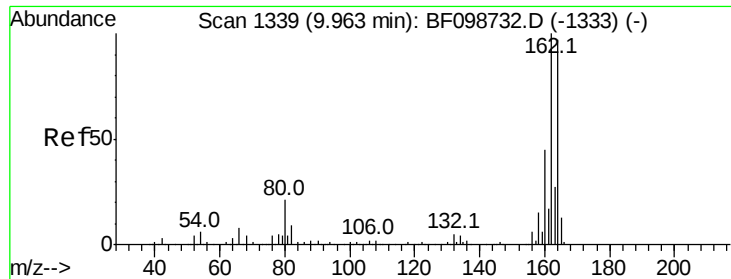
Tot Ion:136	Resp:	608824
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	7.4	6.6 9.8
68	5.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 77.019 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Tgt Ion: 82	Resp:	731186
Ion	Ratio	Lower Upper
82	100	
128	44.5	36.1 54.1
54	51.8	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)

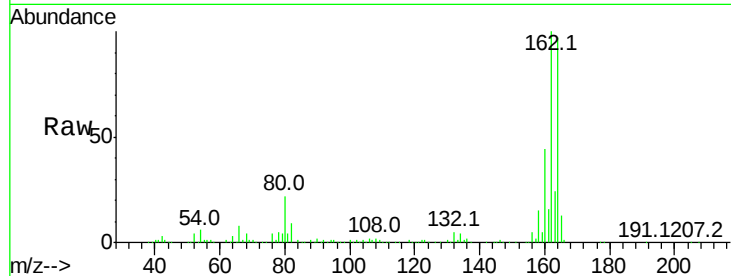
Tot Ion:164 Resp: 266489

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

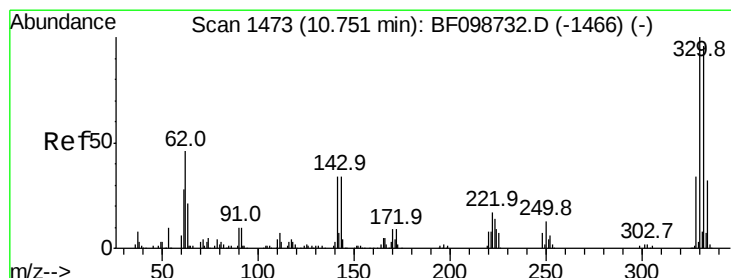
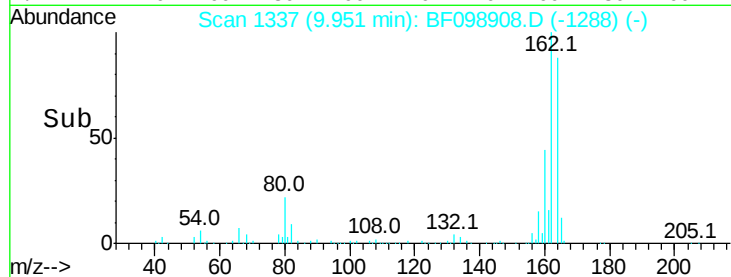
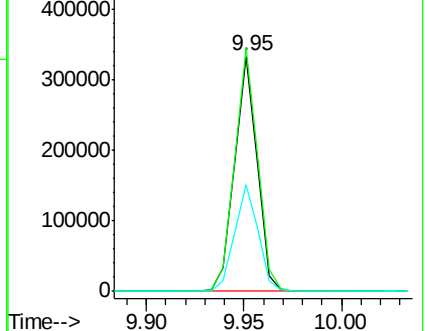
160 45.5 38.3 57.5



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: 93.404 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

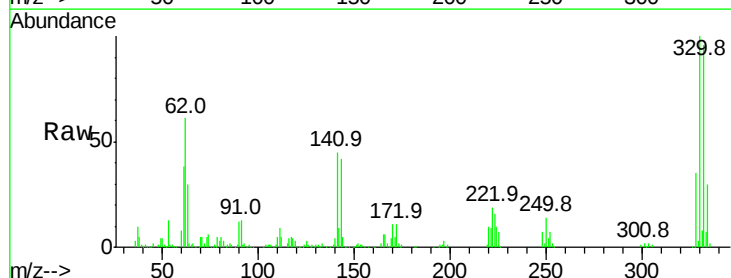
Tgt Ion:330 Resp: 203676

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

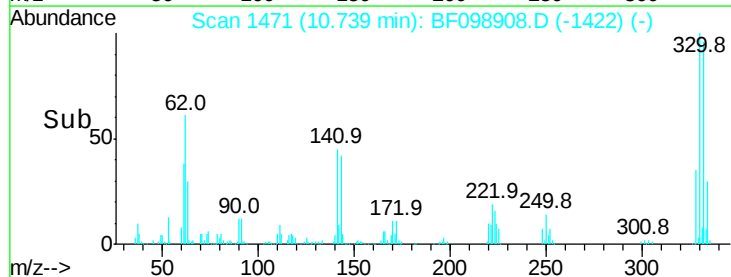
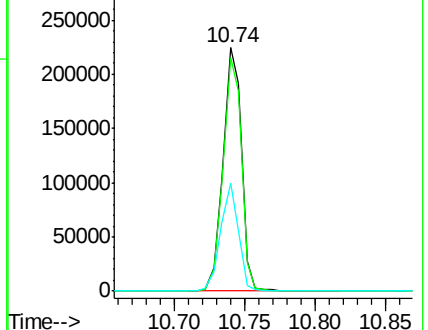
141 43.3 29.9 44.9

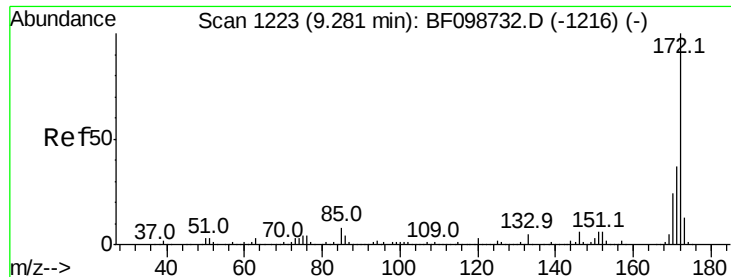


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

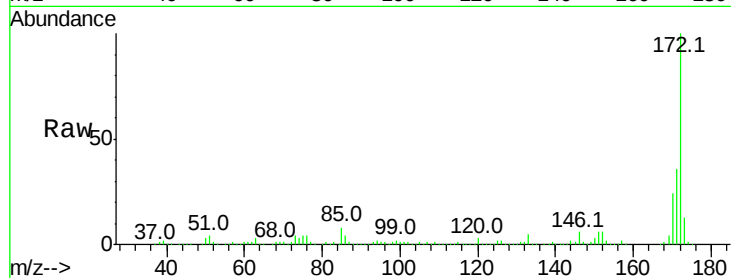




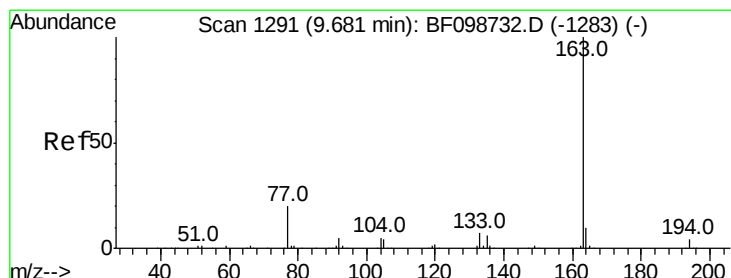
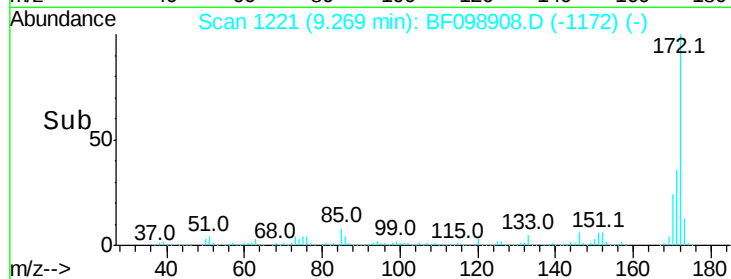
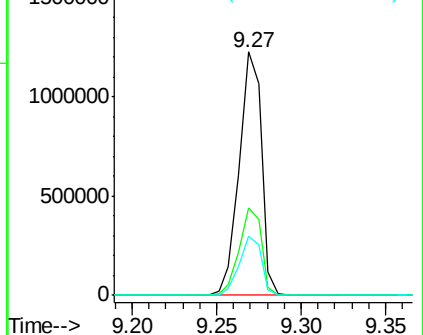
#44
2-Fluorobiphenyl
Concen: 70.682 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Instrument :
BNA_F
ClientSampleId :
SASP2P-EPE-116-5B(10-12)

Tot Ion:172 Resp: 1128300
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 24.3 19.6 29.4

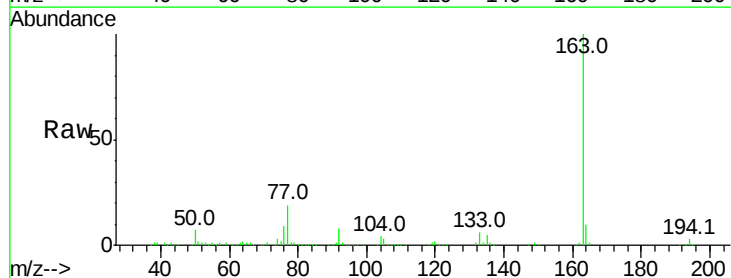


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

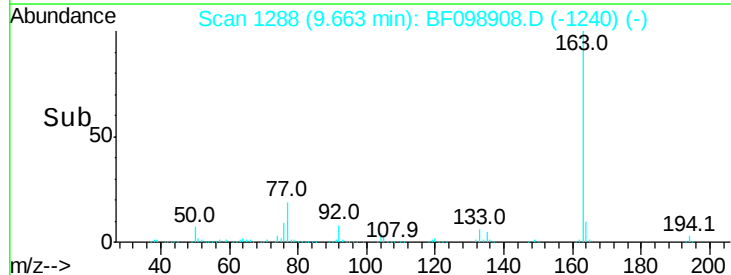
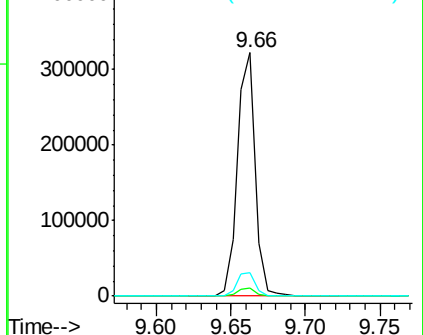


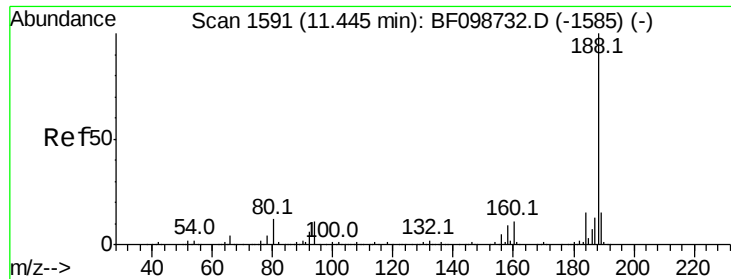
#49
Dimethylphthalate
Concen: 13.458 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Tgt Ion:163 Resp: 270691
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.7 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

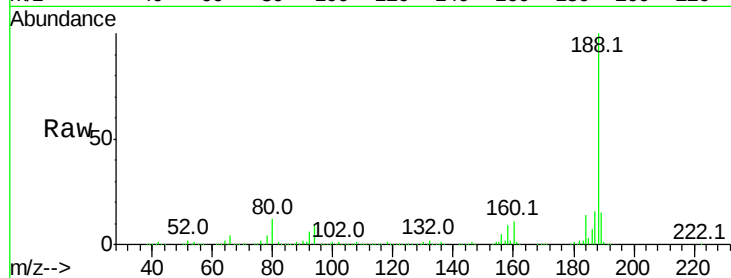




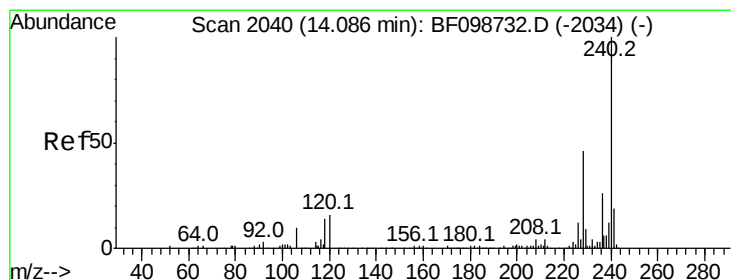
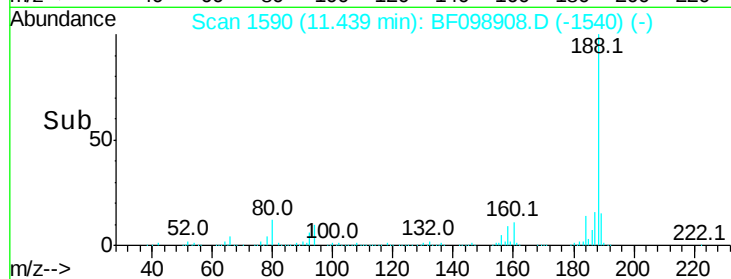
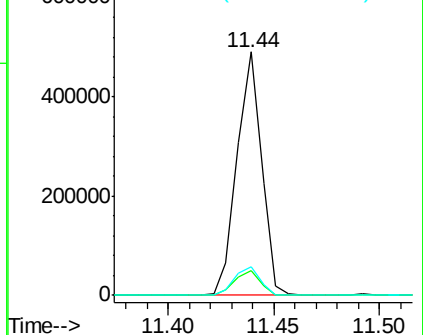
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Instrument :
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ClientSampleId :
SASP2P-EPE-116-5B(10-12)

Tot Ion:188 Resp: 395577
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.6 9.2 13.8

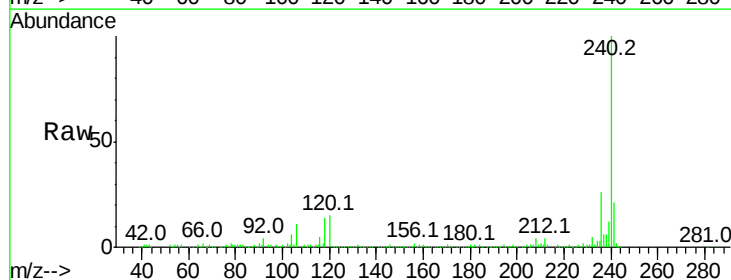


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

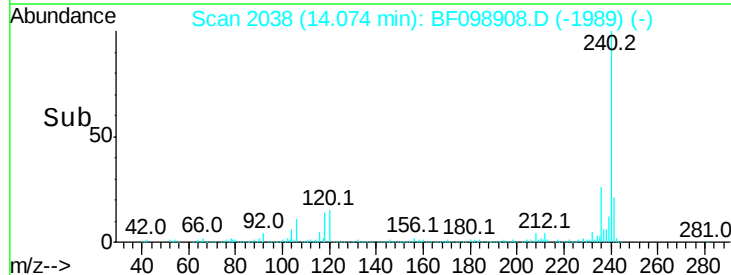
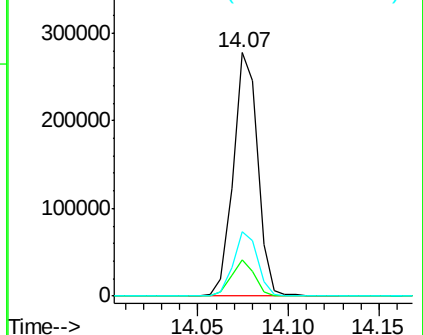


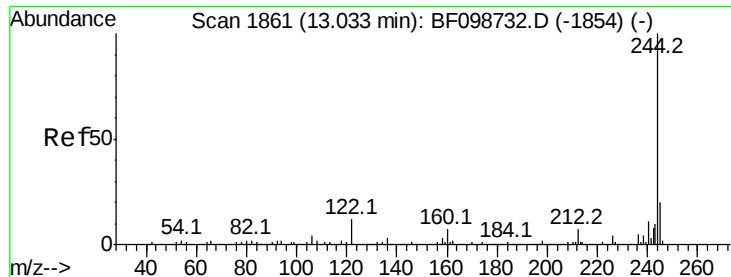
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098908.D
Acq: 28 Sep 2017 15:03

Tgt Ion:240 Resp: 260525
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 26.4 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: 63.088 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

Instrument :

BNA_F

ClientSampleId :

SASP2P-EPE-116-5B(10-12)

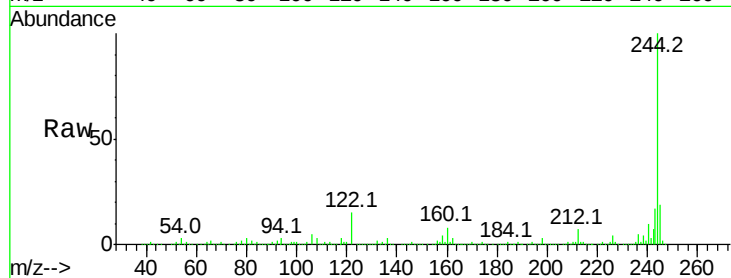
Tot Ion:244 Resp: 722710

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

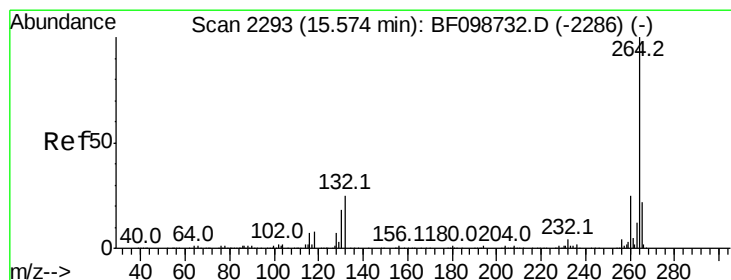
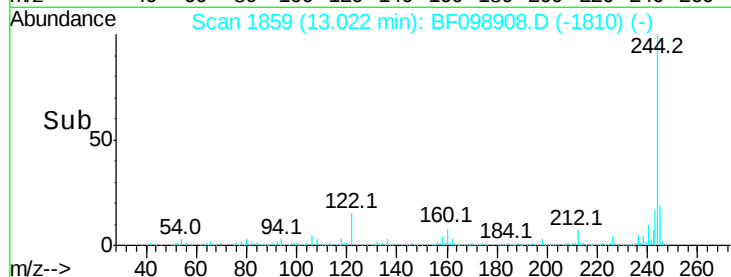
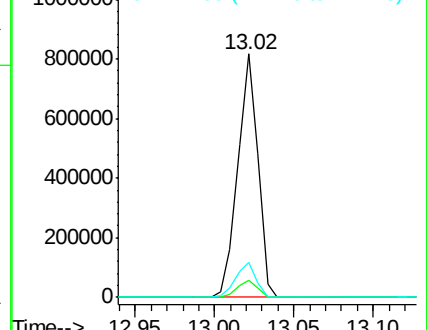
122 14.5 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098908.D

Acq: 28 Sep 2017 15:03

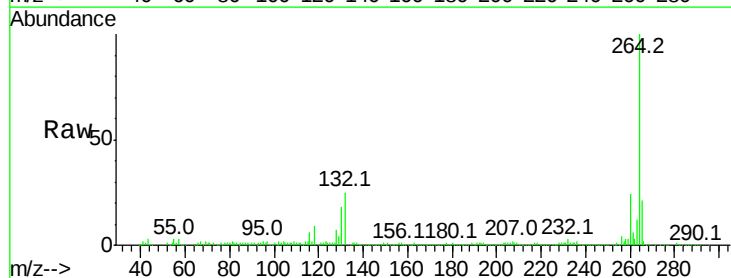
Tgt Ion:264 Resp: 243632

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

