

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098878.D
 Acq On : 27 Sep 2017 22:28
 Operator : SJ/JU
 Sample : I5386-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2P-ENV-116-2(0-5)

Quant Time: Sep 28 05:23:10 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

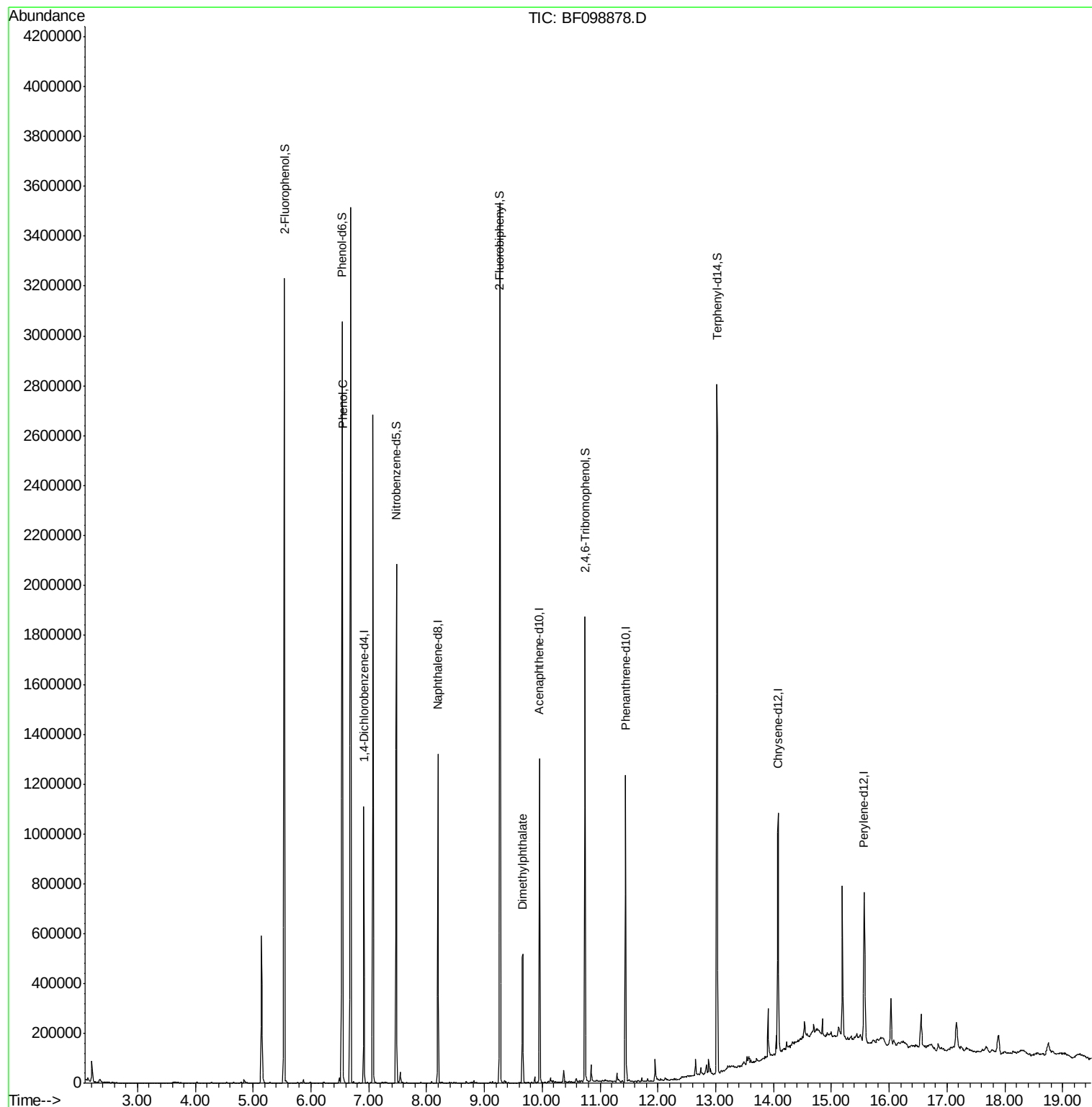
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	140715	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	578428	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	244069	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	384103	20.00	ng	0.00
75) Chrysene-d12	14.08	240	313120	20.00	ng	0.00
86) Perylene-d12	15.57	264	249949	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	969768	109.71	ng	0.00
7) Phenol-d6	6.54	99	1187273	108.88	ng	0.00
23) Nitrobenzene-d5	7.47	82	727210	80.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	201318	100.80	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1171652	80.14	ng	-0.01
78) Terphenyl-d14	13.02	244	896234	65.09	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	27540	2.258	ng	99
49) Dimethylphthalate	9.66	163	216937	11.777	ng	100

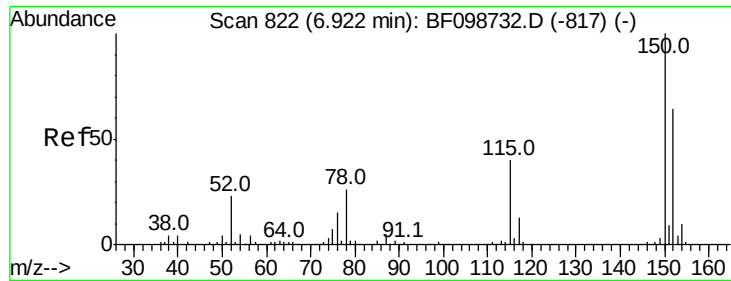
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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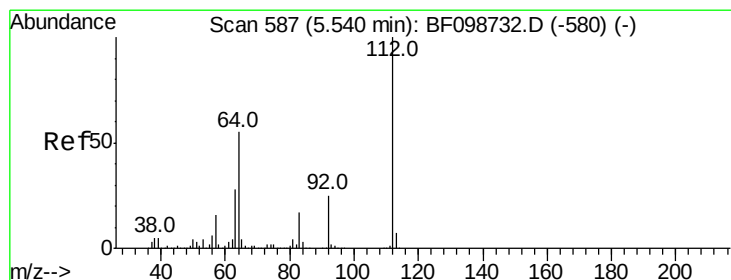
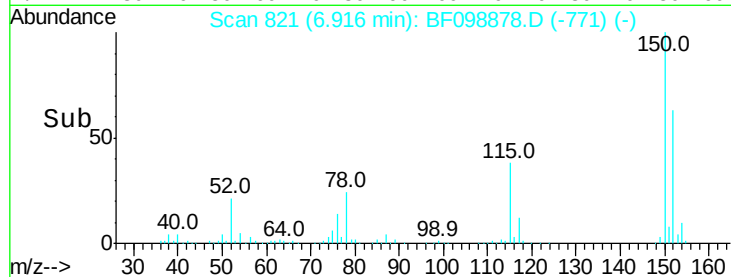
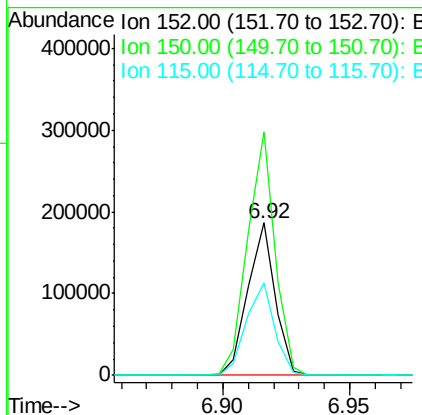
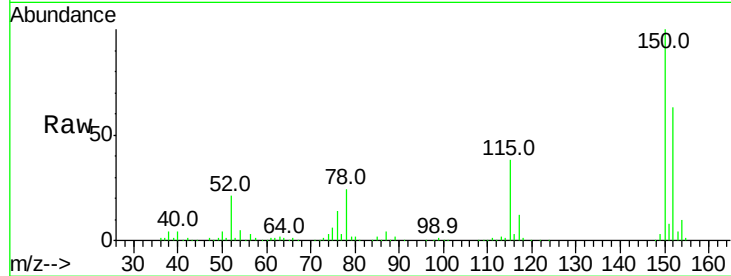


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

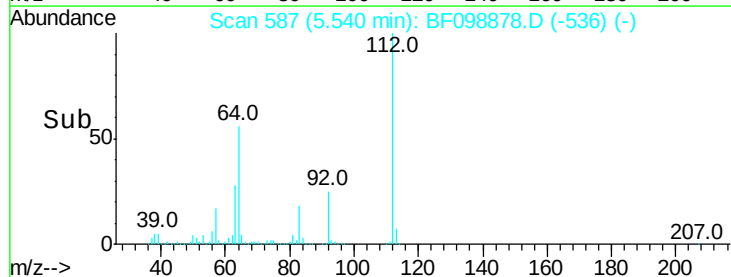
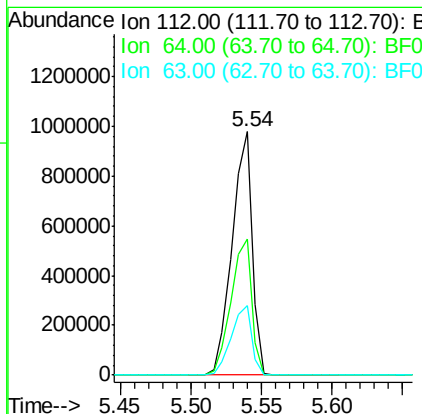
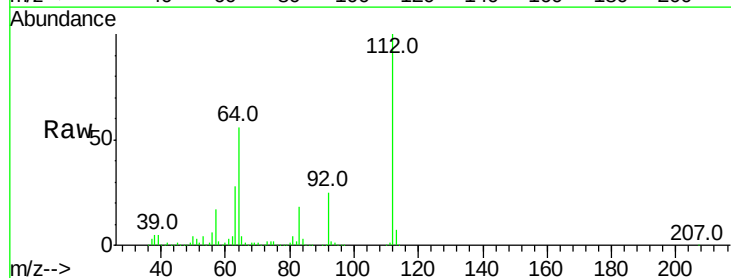
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	61.0	50.1	75.1

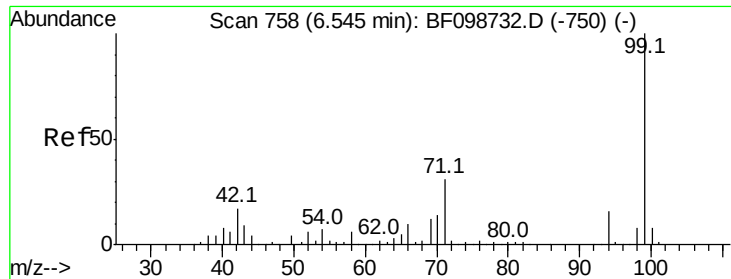


#5

2-Fluorophenol
Concen: 109.709 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.4	23.7	35.5





#7

Phenol-d6

Concen: 108.880 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098878.D

Acq: 27 Sep 2017 22:28

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-116-2(0-5)

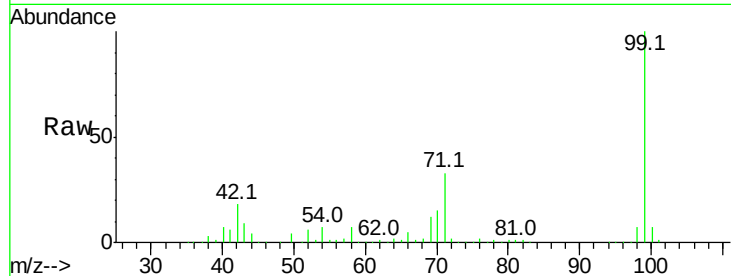
Tot Ion: 99 Resp: 1187273

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

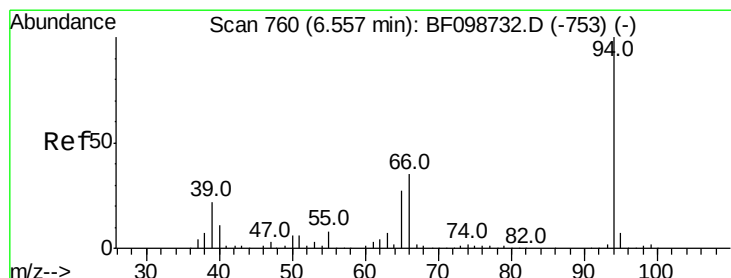
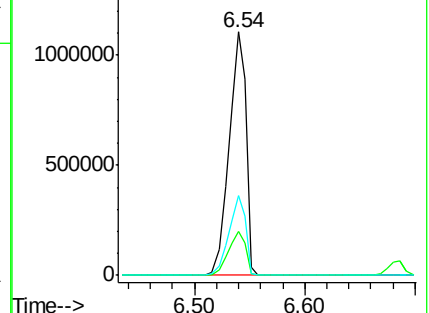
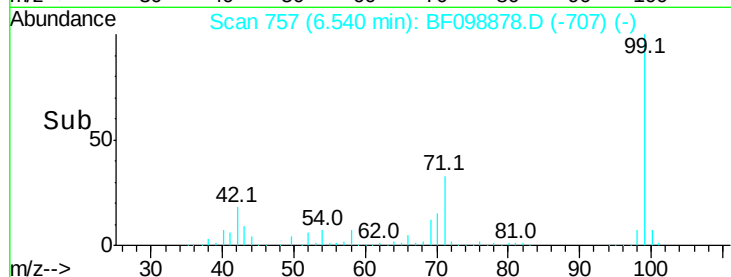
71 32.8 25.4 38.0



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: 2.258 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098878.D

Acq: 27 Sep 2017 22:28

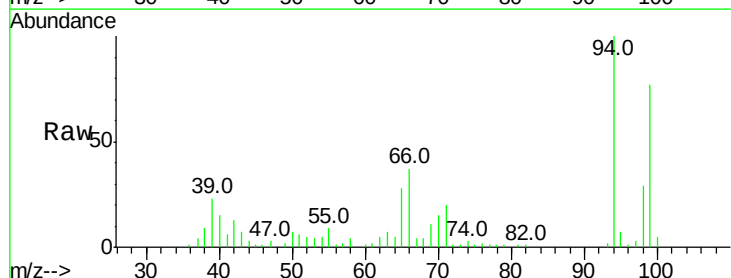
Tgt Ion: 94 Resp: 27540

Ion Ratio Lower Upper

94 100

65 27.7 7.9 47.9

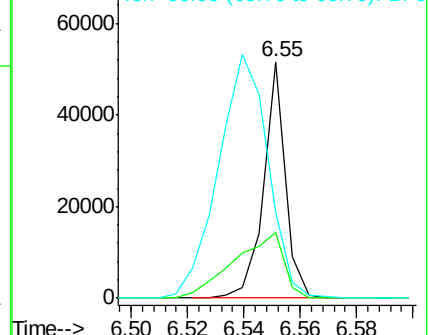
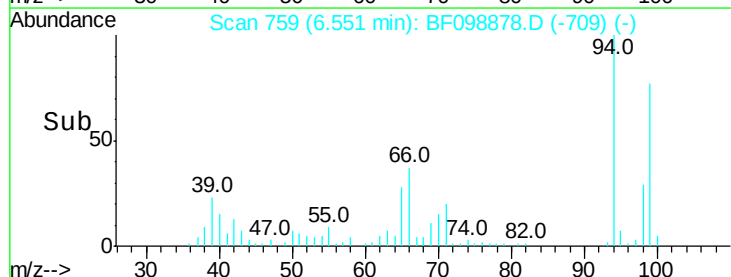
66 36.5 16.2 56.2

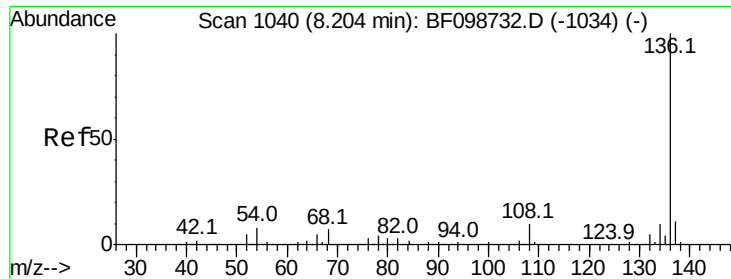


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

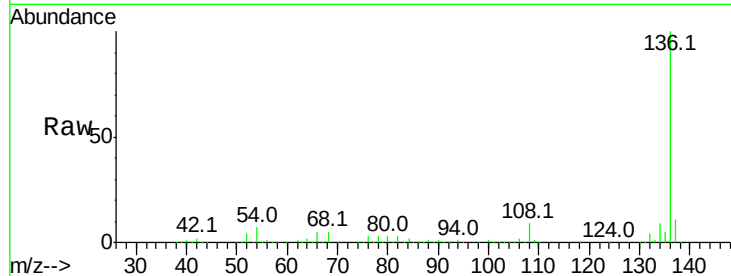




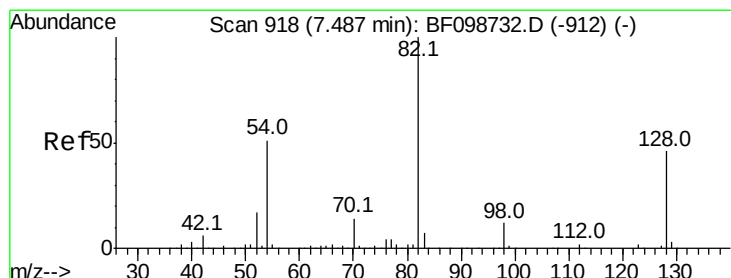
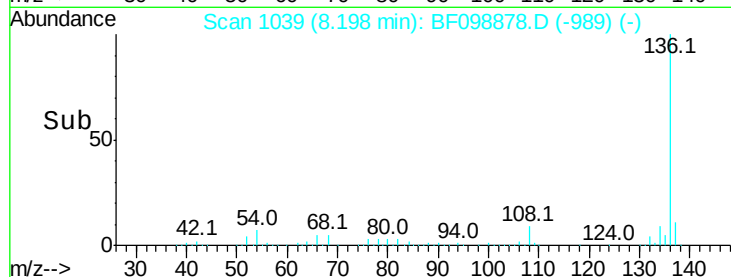
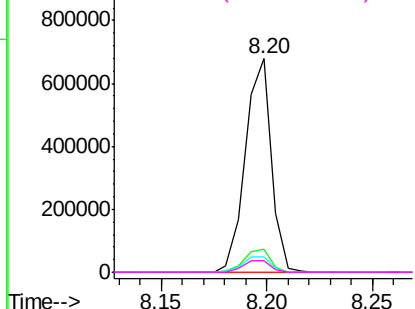
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tot Ion:	136	Resp:	578428
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.5	5.0	7.4

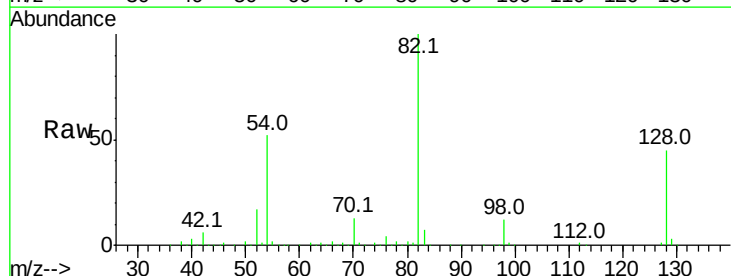


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

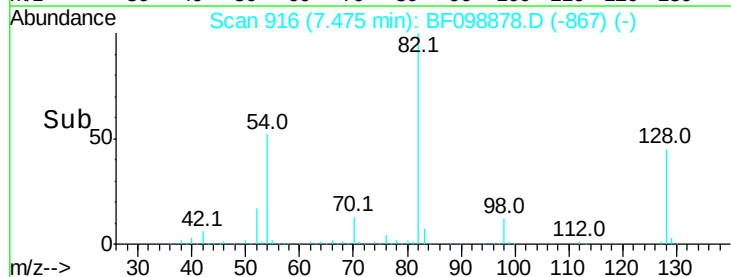
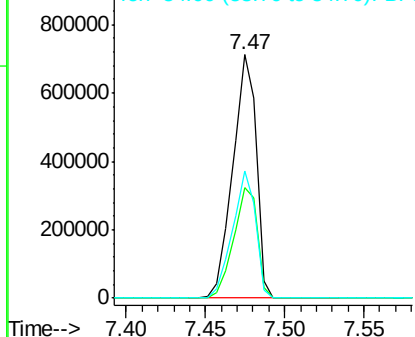


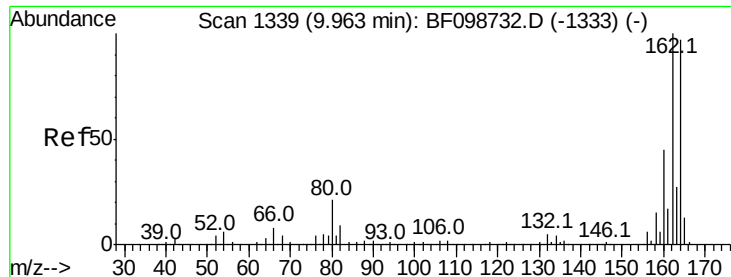
#23
Nitrobenzene-d5
Concen: 80.626 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:	82	Resp:	727210
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	52.0	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

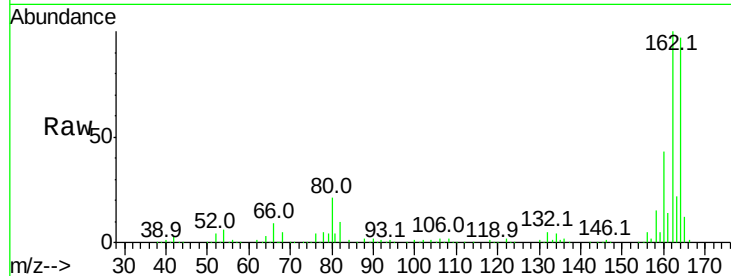




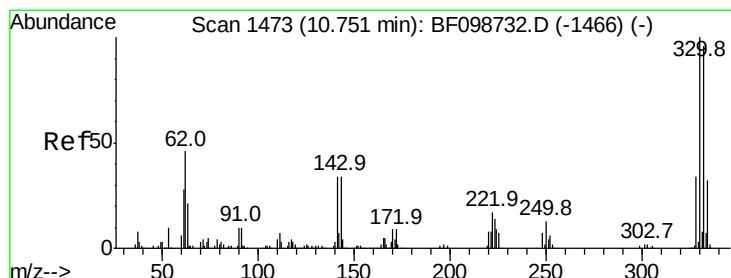
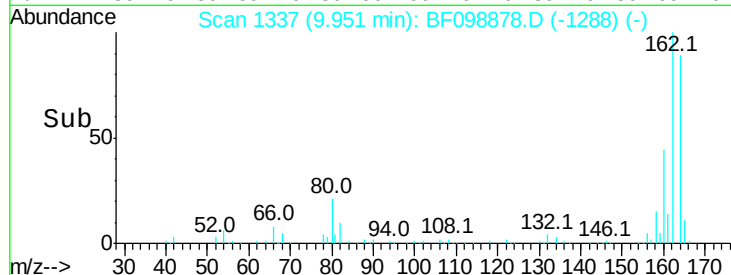
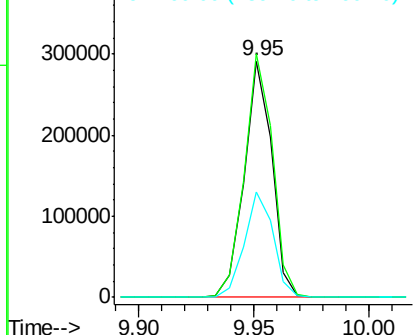
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tot Ion:164 Resp: 244069
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 44.7 38.3 57.5

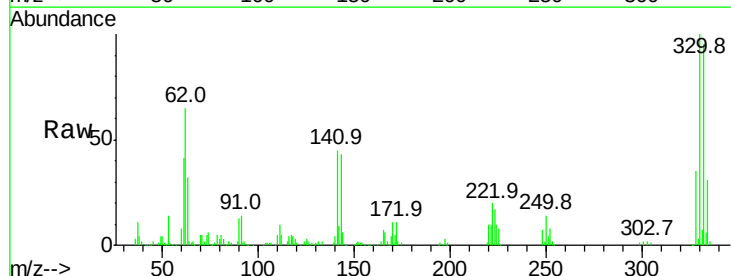


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

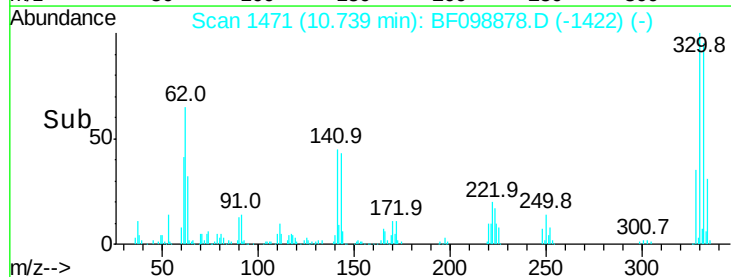
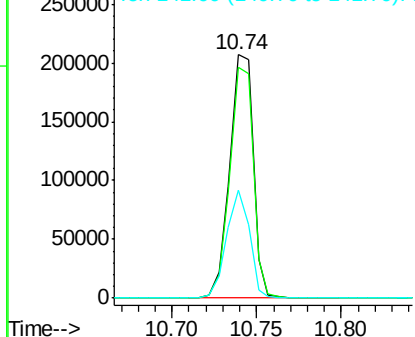


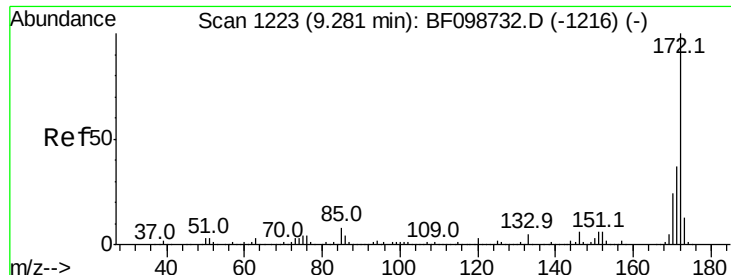
#41
2,4,6-Tribromophenol
Concen: 100.803 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:330 Resp: 201318
Ion Ratio Lower Upper
330 100
332 94.4 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



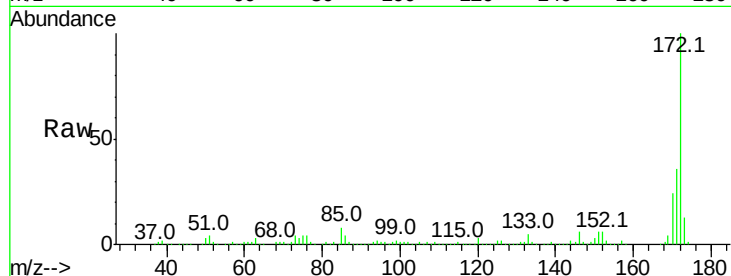


#44
 2-Fluorobiphenyl
 Concen: 80.140 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098878.D
 Acq: 27 Sep 2017 22:28

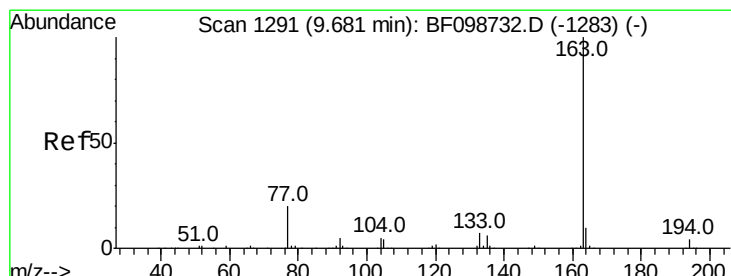
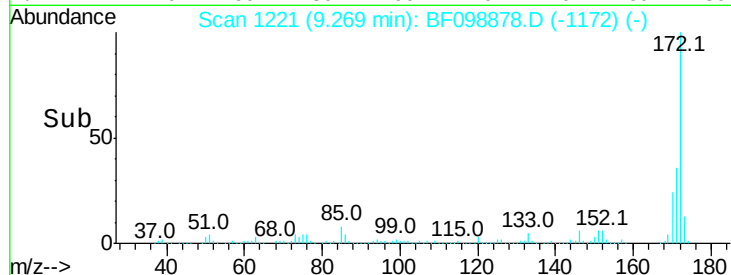
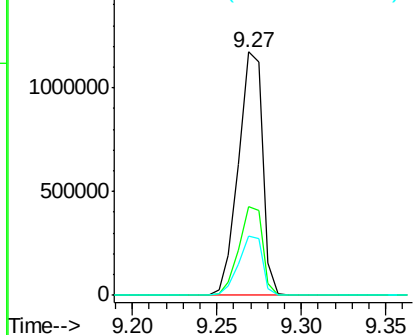
Instrument :
 BNA_F
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 SASP2P-ENV-116-2(0-5)

Tot Ion:172 Resp: 1171652

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4



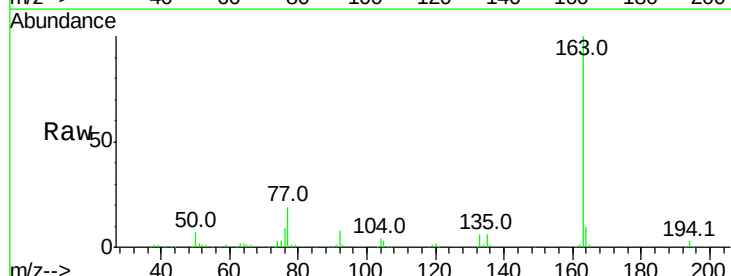
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



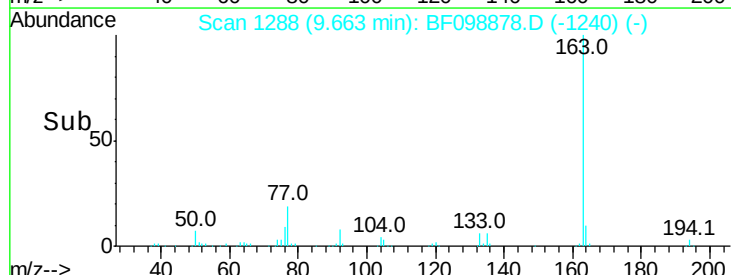
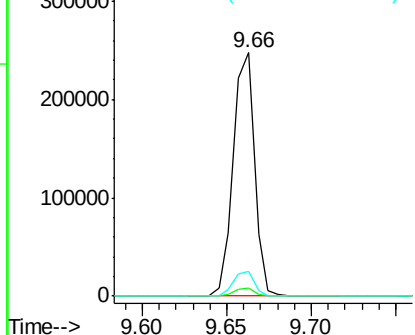
#49
 Dimethylphthalate
 Concen: 11.777 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098878.D
 Acq: 27 Sep 2017 22:28

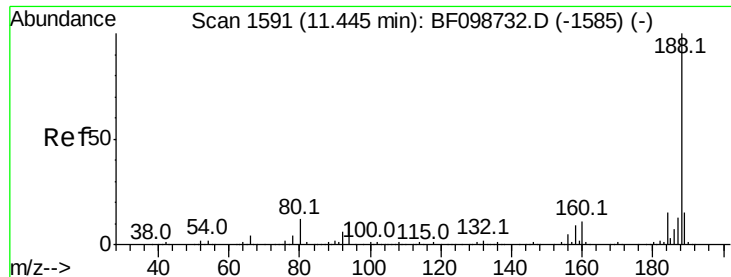
Tgt Ion:163 Resp: 216937

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	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

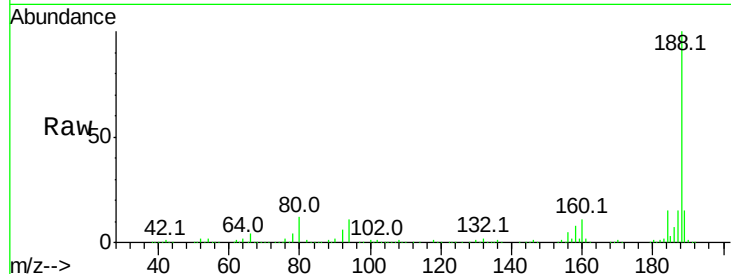




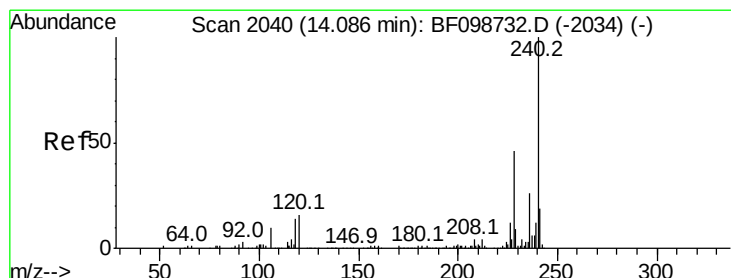
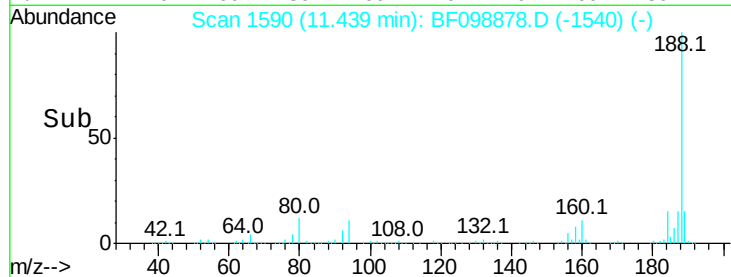
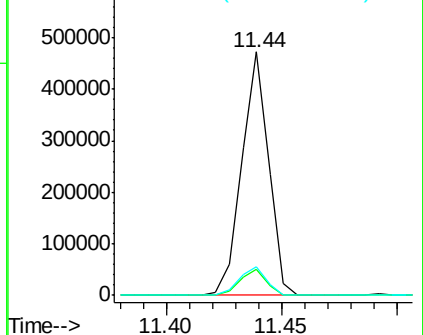
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Instrument :
BNA_F
ClientSampleId :
SASP2P-ENV-116-2(0-5)

Tot Ion:188 Resp: 384103
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.6 9.2 13.8

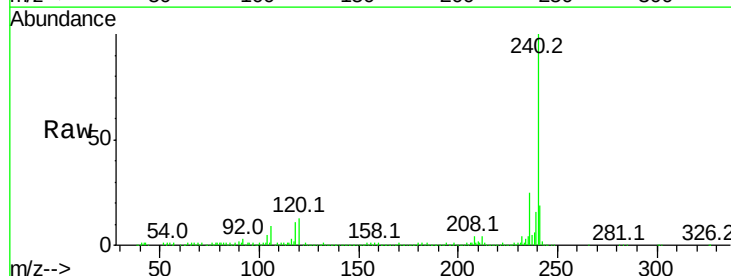


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

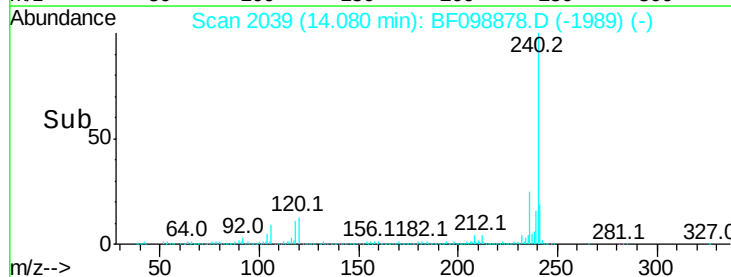
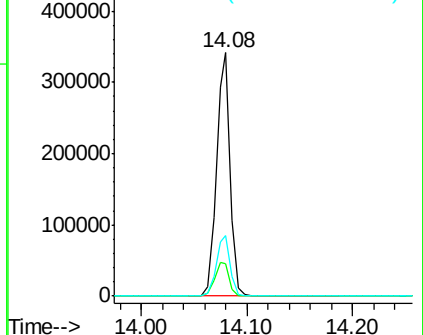


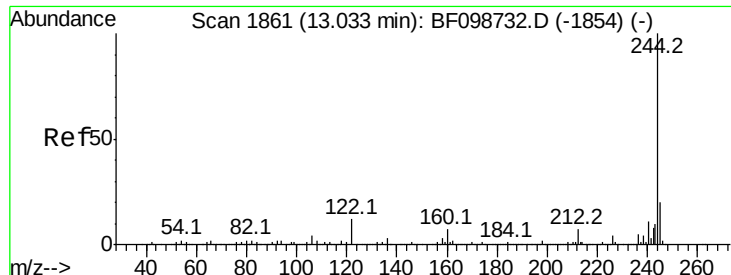
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098878.D
Acq: 27 Sep 2017 22:28

Tgt Ion:240 Resp: 313120
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 25.0 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: 65.094 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098878.D

Acq: 27 Sep 2017 22:28

Instrument :

BNA_F

ClientSampleId :

SASP2P-ENV-116-2(0-5)

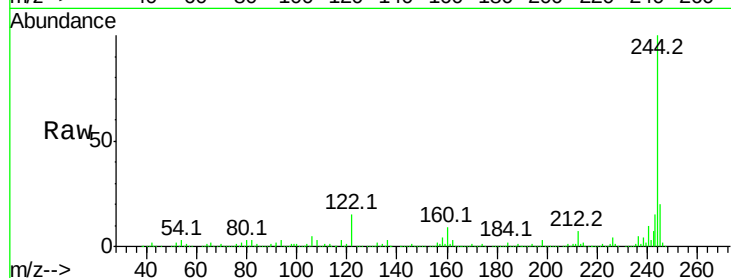
Tot Ion:244 Resp: 896234

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

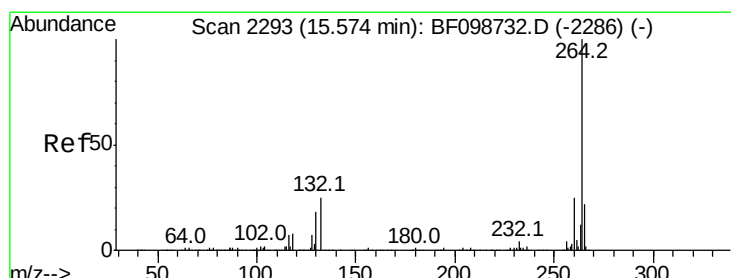
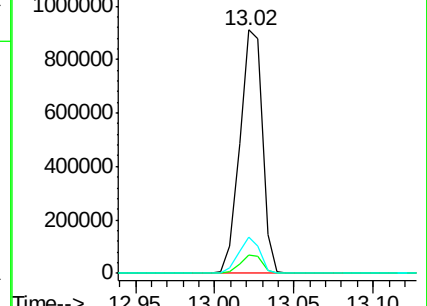
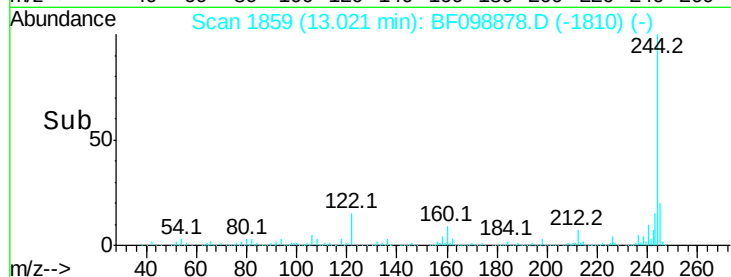
122 15.0 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098878.D

Acq: 27 Sep 2017 22:28

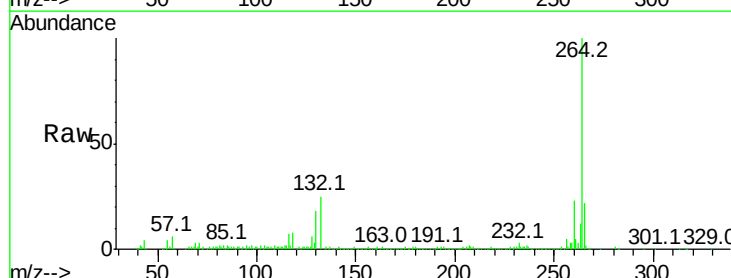
Tgt Ion:264 Resp: 249949

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.9 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

