

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092517\
 Data File : BF098802.D
 Acq On : 26 Sep 2017 00:24
 Operator : SJ/JU
 Sample : I5361-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-B-COMP

Quant Time: Sep 26 07:58:48 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	141153	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	599240	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	276788	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	489511	20.00	ng	0.00
75) Chrysene-d12	14.07	240	299297	20.00	ng	-0.01
86) Perylene-d12	15.56	264	256605	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	540918	61.00	ng	0.00
7) Phenol-d6	6.53	99	276579	25.29	ng	-0.02
23) Nitrobenzene-d5	7.47	82	989066	105.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	50480	22.29	ng	-0.02
44) 2-Fluorobiphenyl	9.27	172	1783723	107.58	ng	0.00
78) Terphenyl-d14	13.03	244	1551216	117.87	ng	0.00

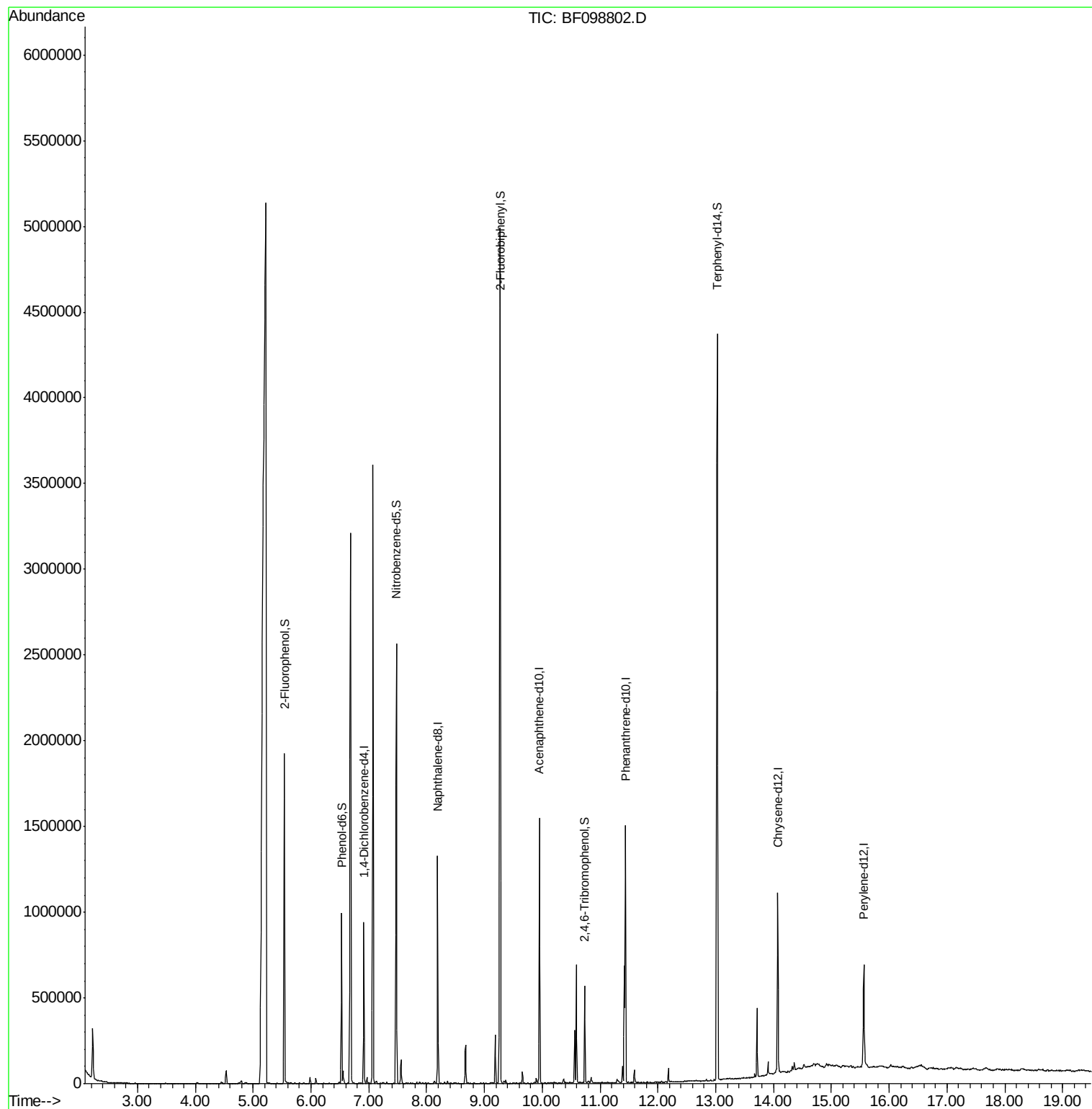
Target Compounds Qvalue

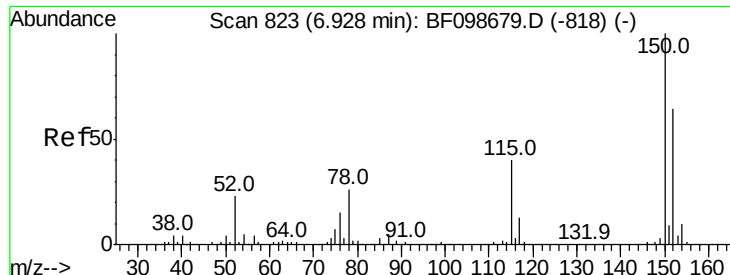
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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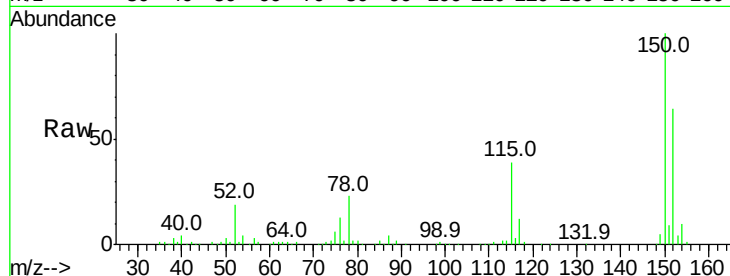


#1

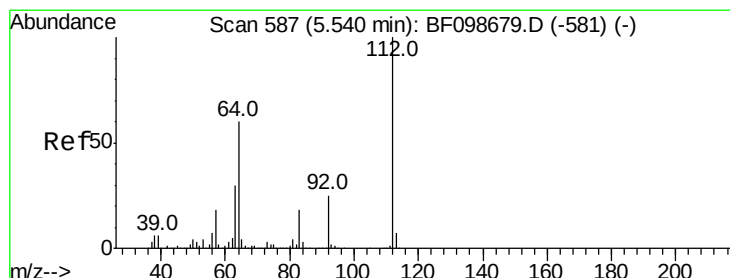
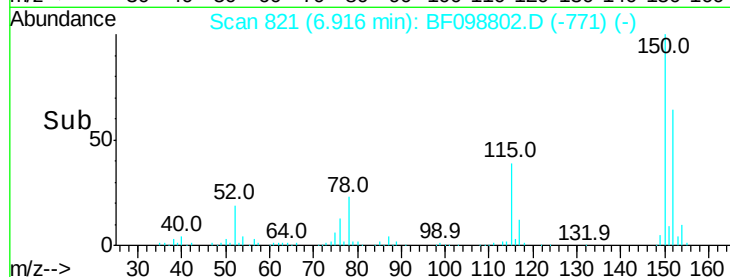
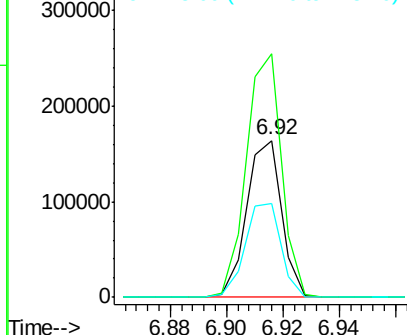
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-COMP

Tot Ion:152 Resp: 141153
Ion Ratio Lower Upper
152 100
150 155.3 124.6 186.8
115 60.1 50.1 75.1



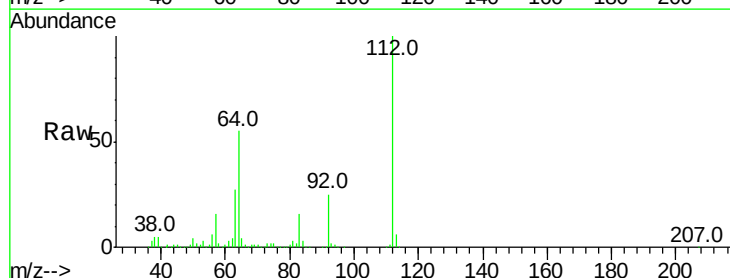
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



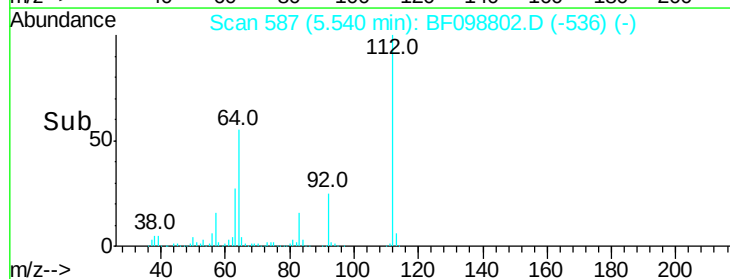
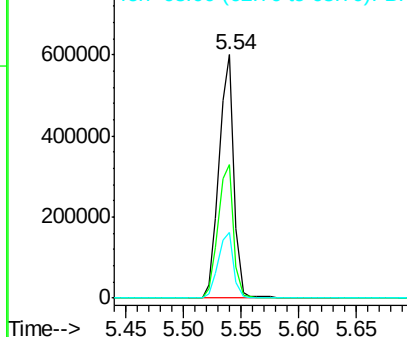
#5

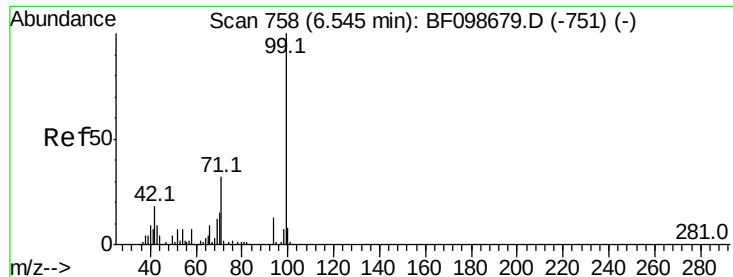
2-Fluorophenol
Concen: 61.004 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Tgt Ion:112 Resp: 540918
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 27.1 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: 25.285 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

BNA_F

ClientSampleId :

DRUM-A-B-COMP

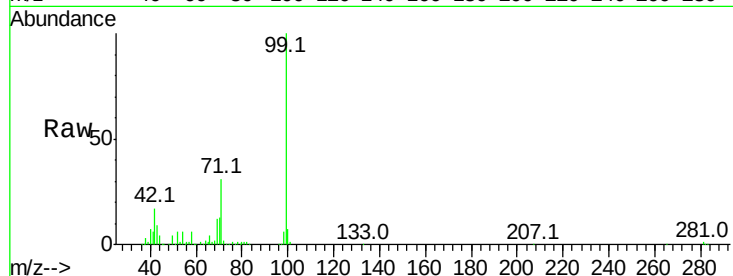
Tot Ion: 99 Resp: 276579

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

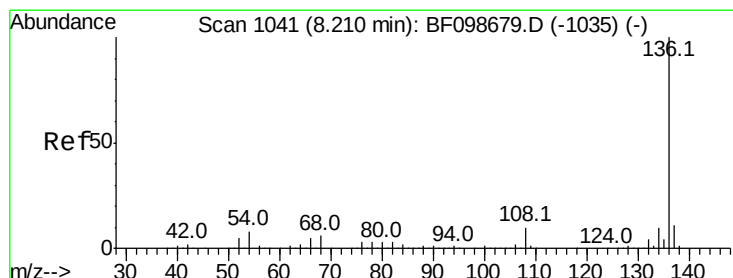
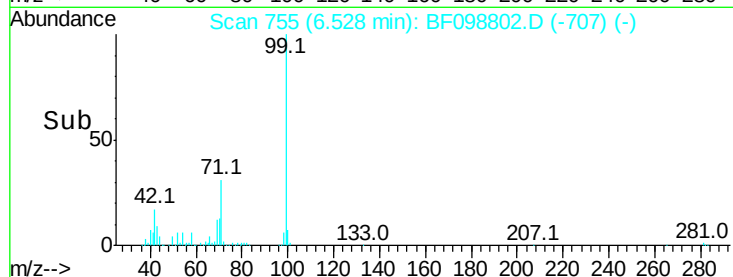
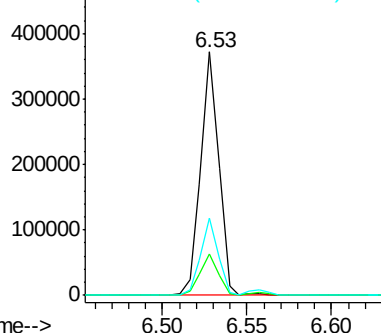
71 31.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Tgt Ion: 136 Resp: 599240

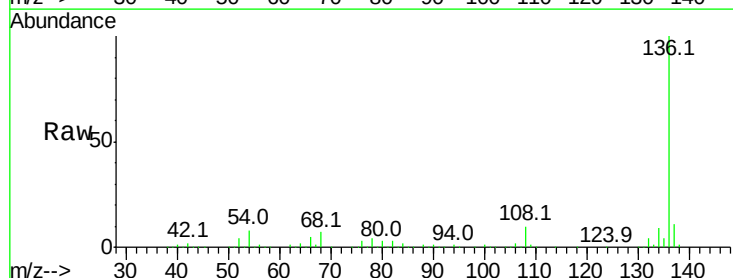
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 6.6 9.8

68 6.7 5.0 7.4

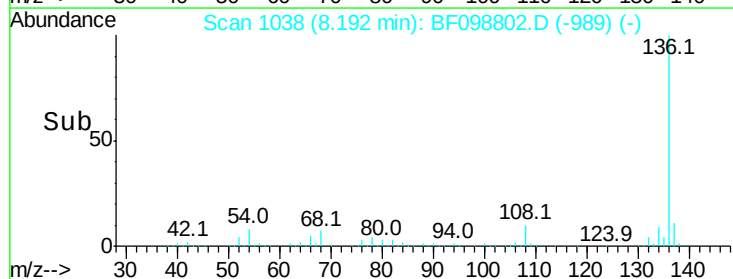
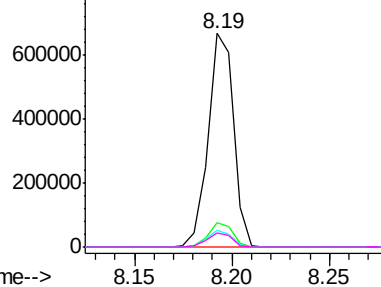


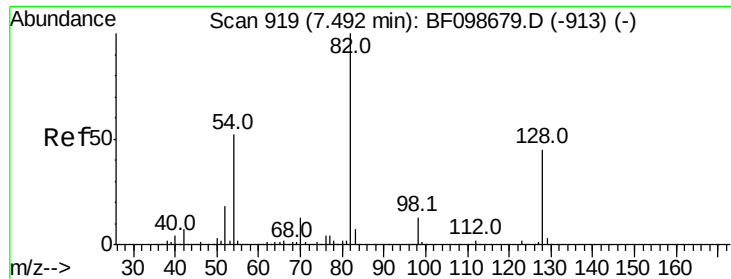
Abundance Ion 136.00 (135.70 to 136.70): E

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: 105.849 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

BNA_F

ClientSampleId :

DRUM-A-B-COMP

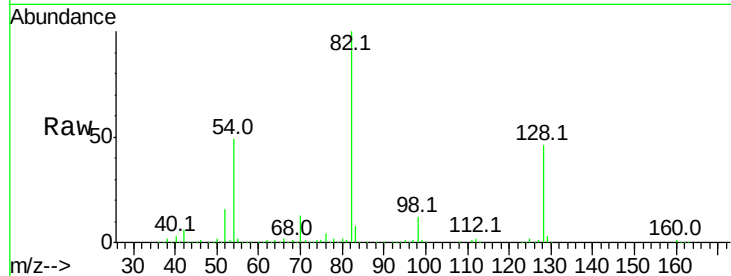
Tot Ion: 82 Resp: 989066

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

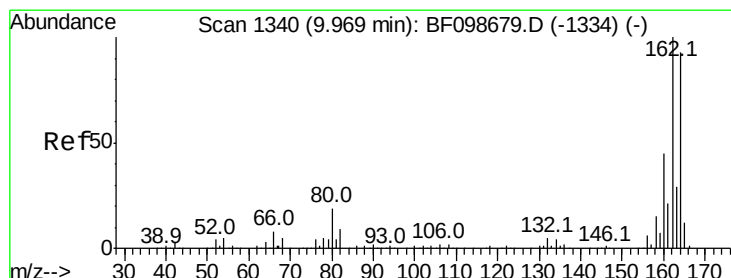
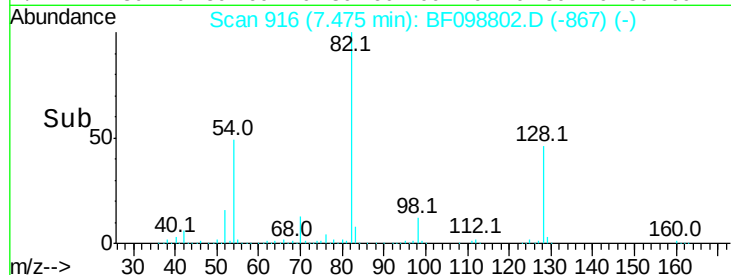
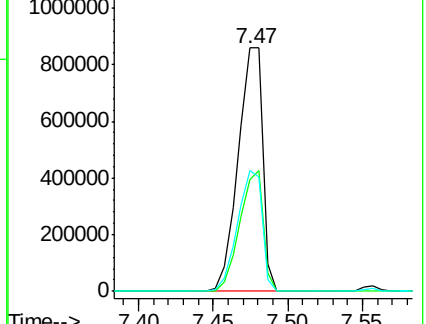
54 49.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF098802.D

Acq: 26 Sep 2017 00:24

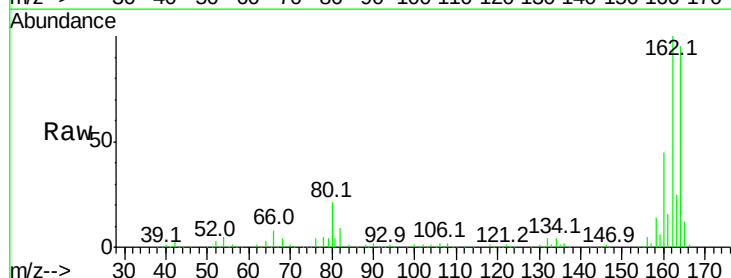
Tgt Ion:164 Resp: 276788

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

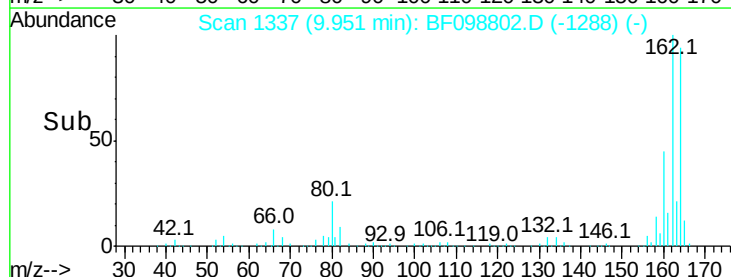
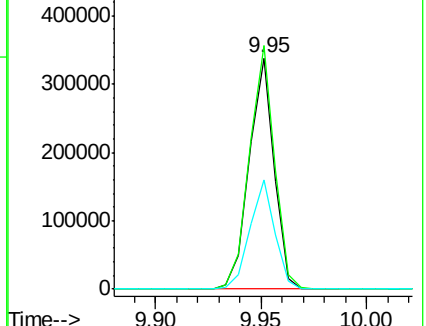
160 47.1 38.3 57.5

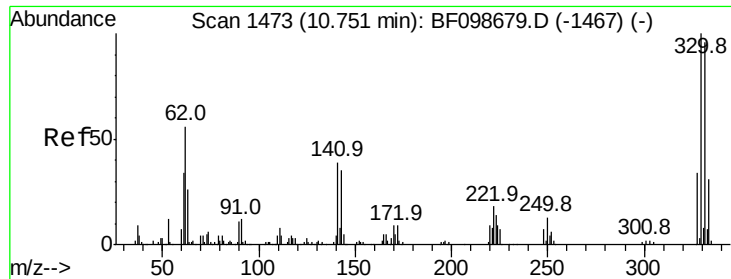


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 22.288 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.02 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

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ClientSampleId :

DRUM-A-B-COMP

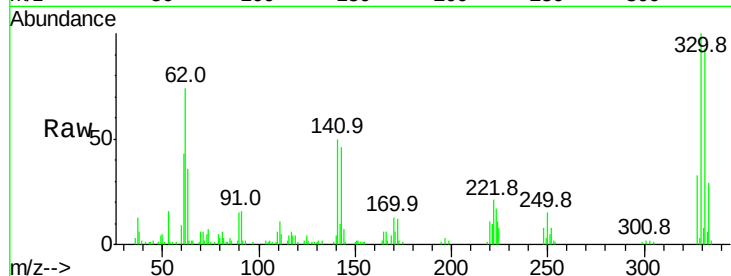
Tot Ion:330 Resp: 50480

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

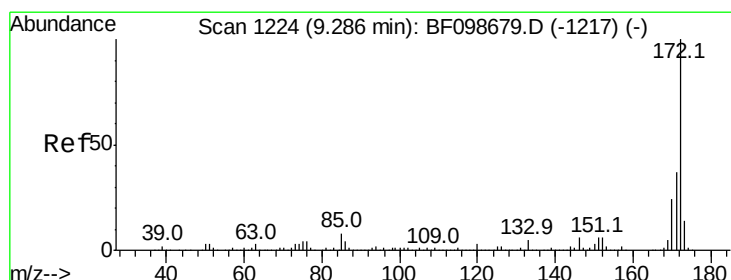
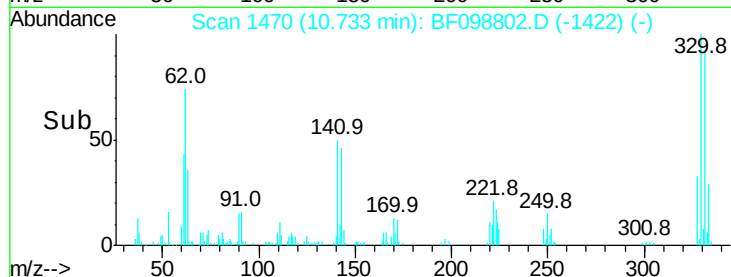
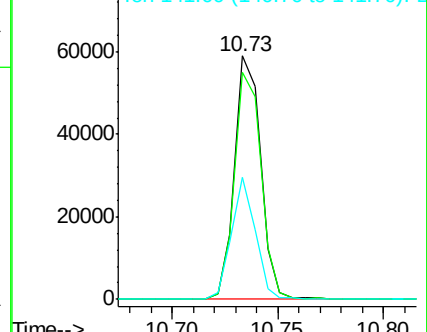
141 45.6 29.9 44.9#



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: 107.583 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

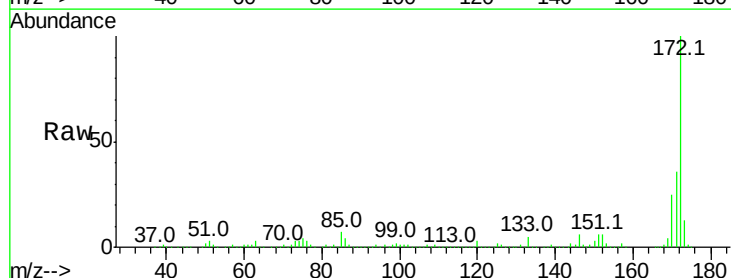
Tgt Ion:172 Resp: 1783723

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

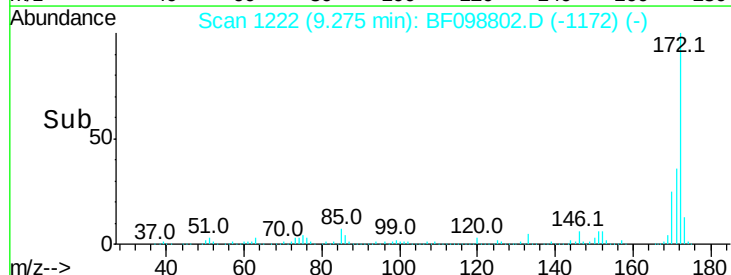
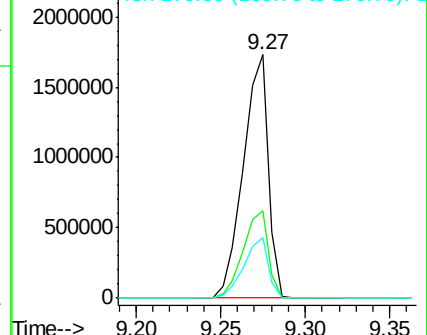
170 24.6 19.6 29.4

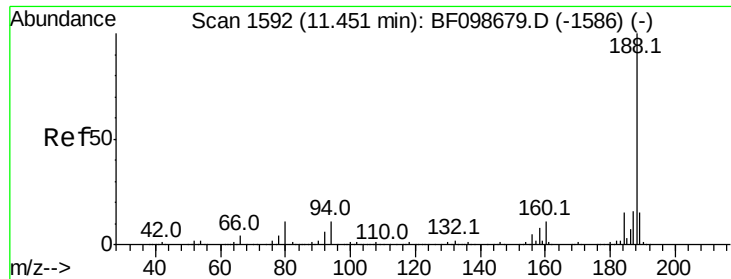


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

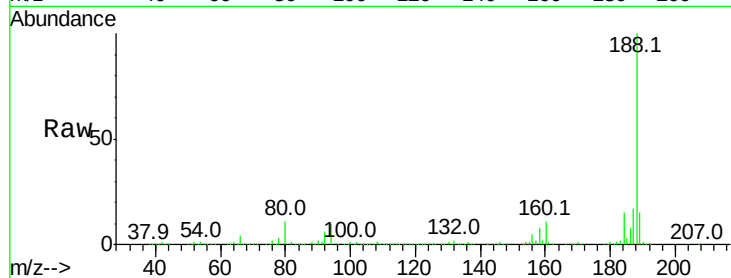




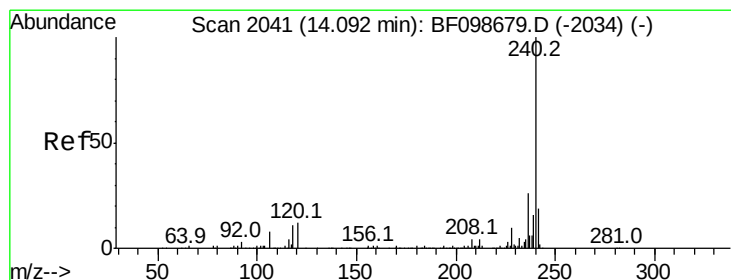
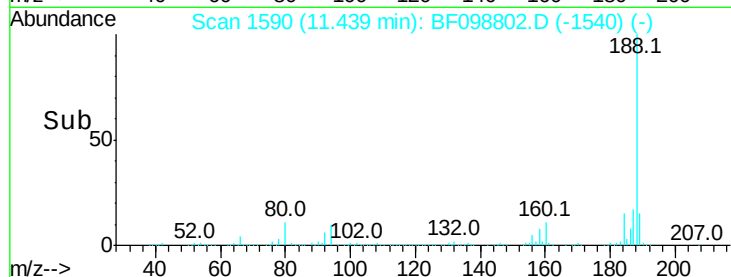
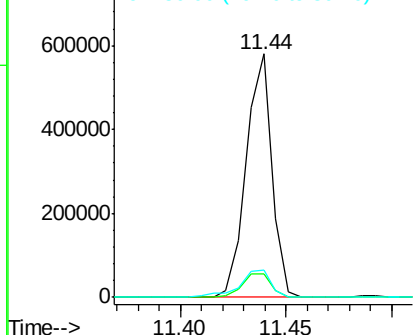
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-COMP

Tot Ion:188 Resp: 489511
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 11.0 9.2 13.8

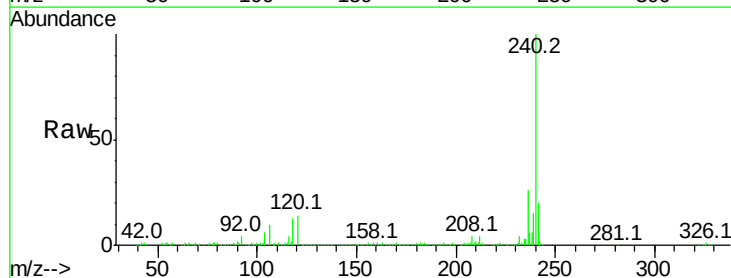


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

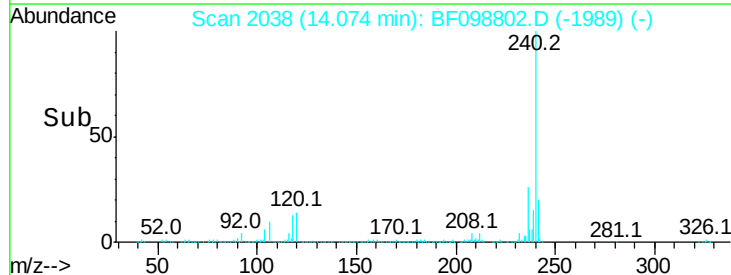
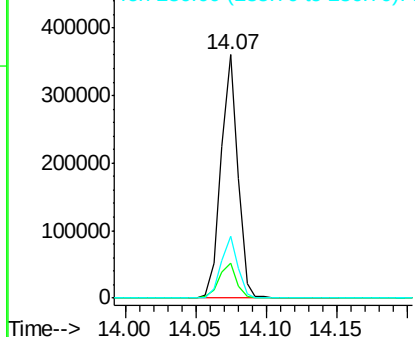


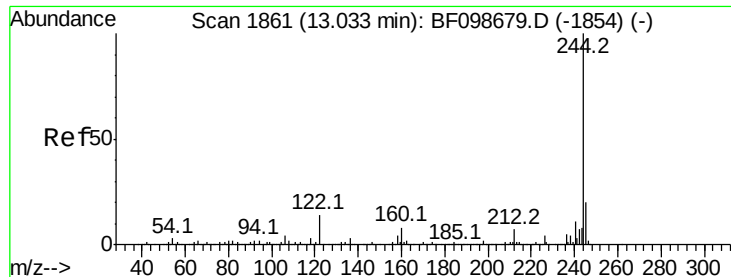
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098802.D
Acq: 26 Sep 2017 00:24

Tgt Ion:240 Resp: 299297
Ion Ratio Lower Upper
240 100
120 14.3 9.5 14.3
236 25.6 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: 117.869 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

Instrument :

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ClientSampleId :

DRUM-A-B-COMP

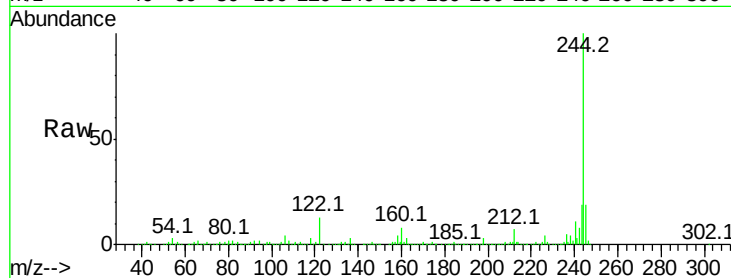
Tot Ion:244 Resp: 1551216

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

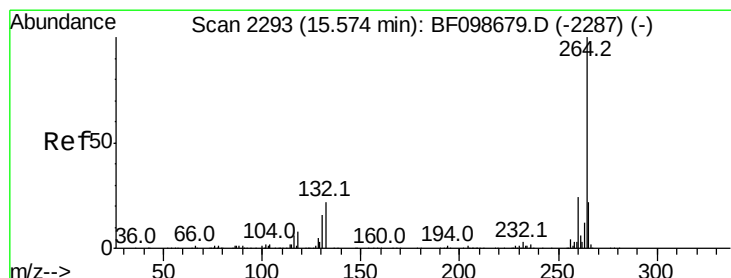
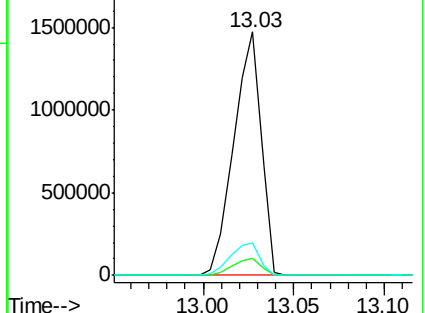
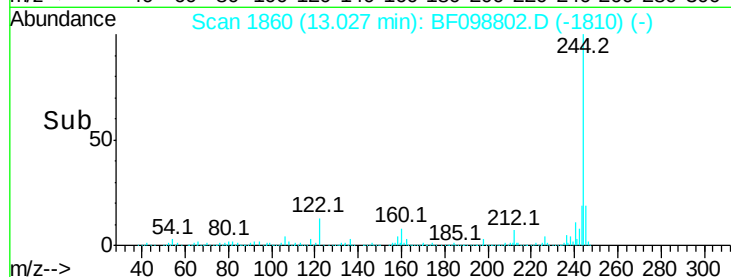
122 13.1 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF098802.D

Acq: 26 Sep 2017 00:24

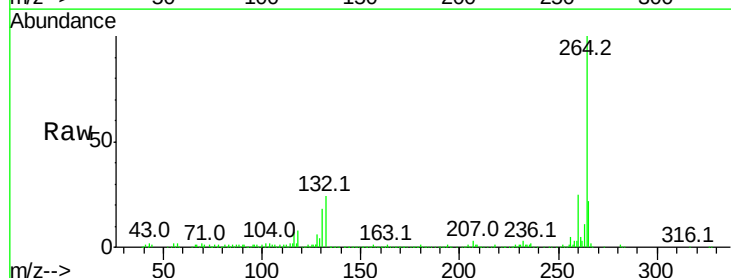
Tgt Ion:264 Resp: 256605

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.0 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

