

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098867.D
 Acq On : 27 Sep 2017 17:18
 Operator : SJ/JU
 Sample : I5421-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUM

Quant Time: Sep 28 03:48:16 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	124023	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	515761	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	236866	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	425147	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	362751	20.00	ng	-0.01
86) Perylene-d12	15.56	264	309175	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	906806	116.39	ng	0.00
7) Phenol-d6	6.54	99	999074	103.95	ng	0.00
23) Nitrobenzene-d5	7.47	82	711603	88.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	264806	136.62	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1203863	84.85	ng	-0.01
78) Terphenyl-d14	13.02	244	1248028	78.24	ng	-0.01

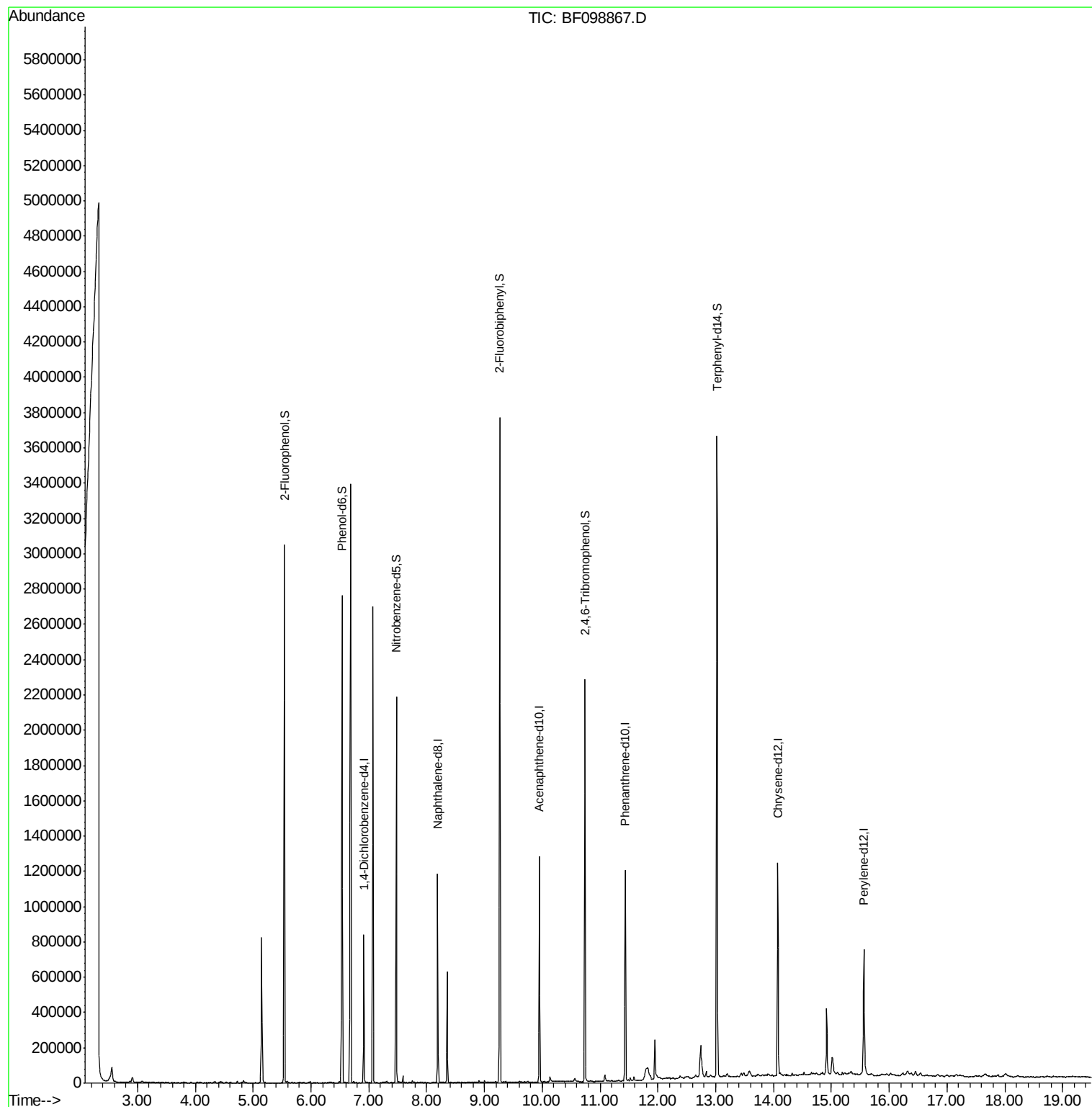
Target Compounds Qvalue

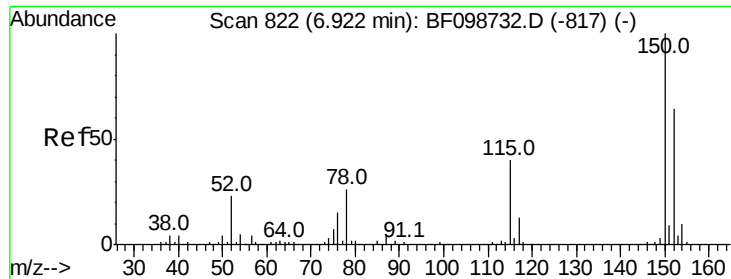
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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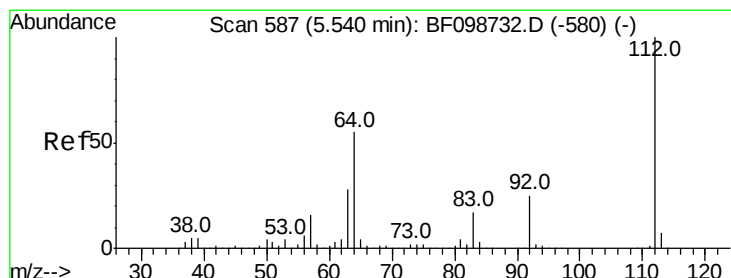
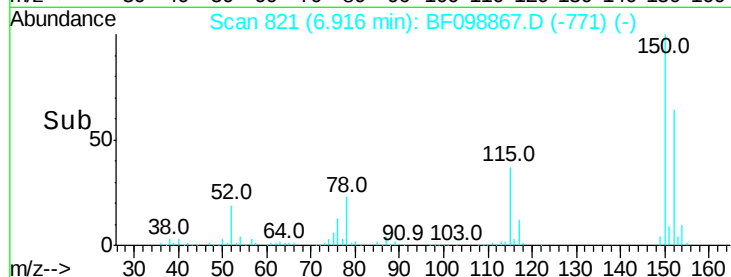
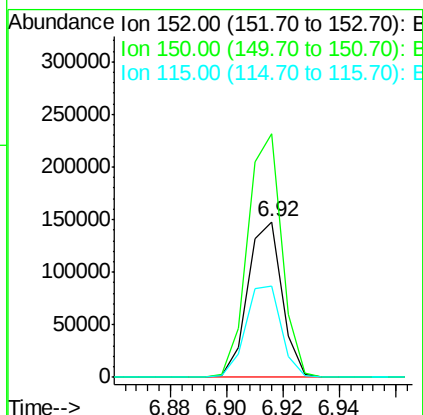
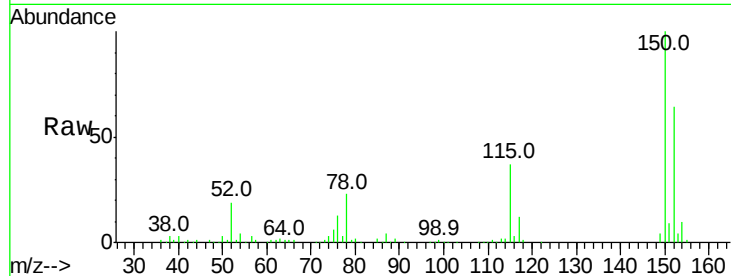


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Instrument :
BNA_F
ClientSampleId :
JC-DRUM

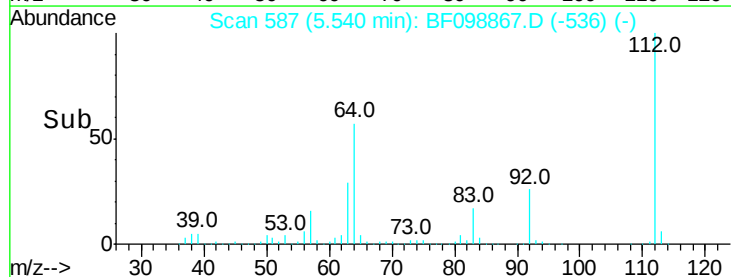
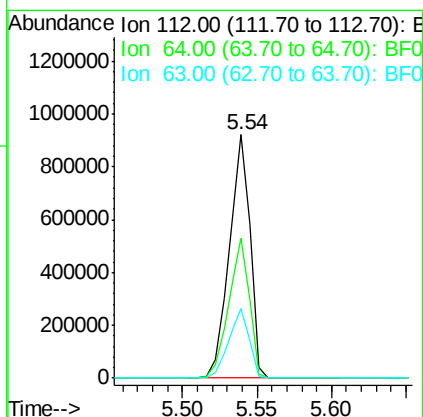
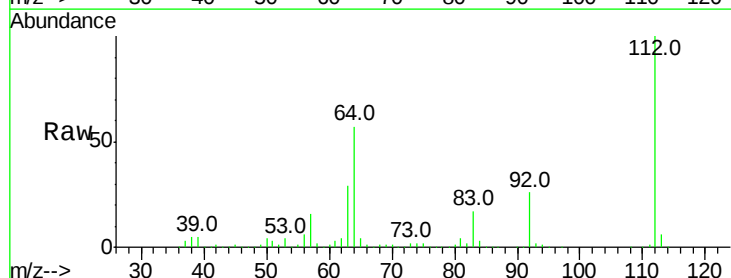
Tot Ion:152 Resp: 124023
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 58.5 50.1 75.1



#5

2-Fluorophenol
Concen: 116.393 ng
RT: 5.54 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF098867.D
Acq: 27 Sep 2017 17:18

Tgt Ion:112 Resp: 906806
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 103.952 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampled :

JC-DRUM

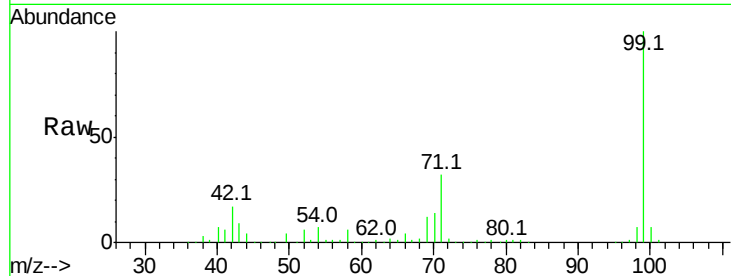
Tot Ion: 99 Resp: 999074

Ion Ratio Lower Upper

99 100

42 16.8 14.5 21.7

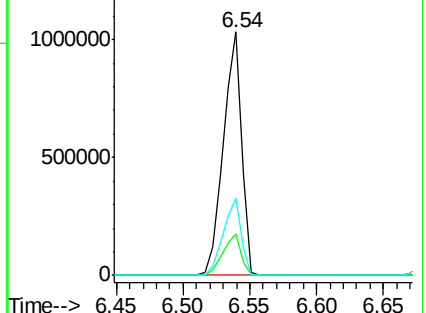
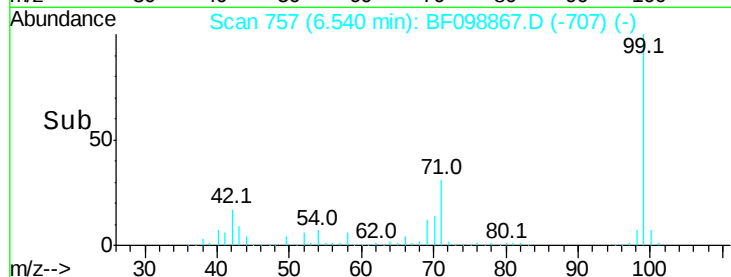
71 31.5 25.4 38.0



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: BF098867.D

Acq: 27 Sep 2017 17:18

Tgt Ion: 136 Resp: 515761

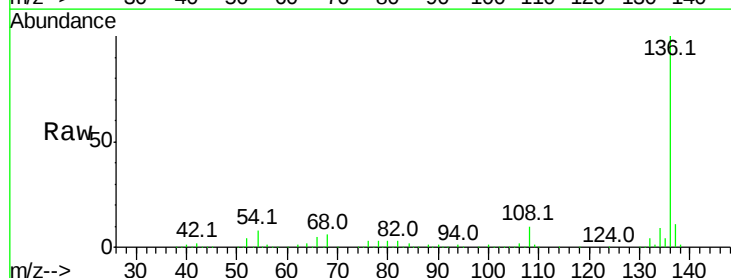
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.6 9.8

68 6.1 5.0 7.4

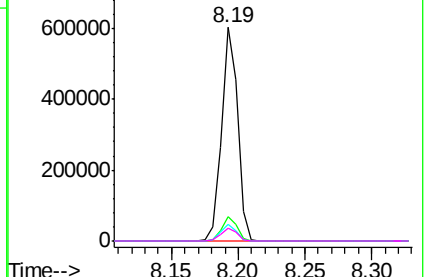
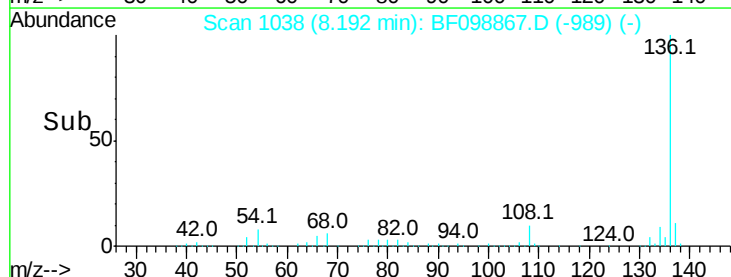


Abundance Ion 136.00 (135.70 to 136.70): E

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

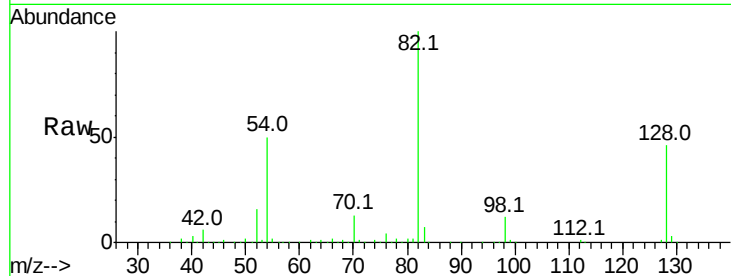




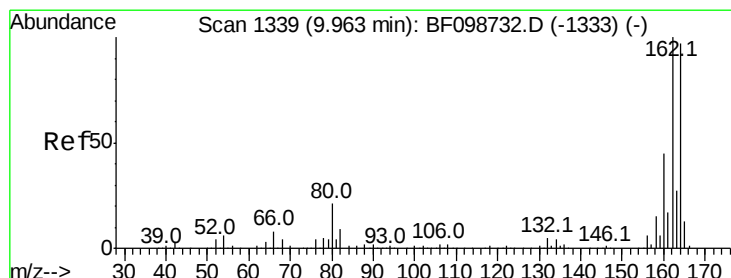
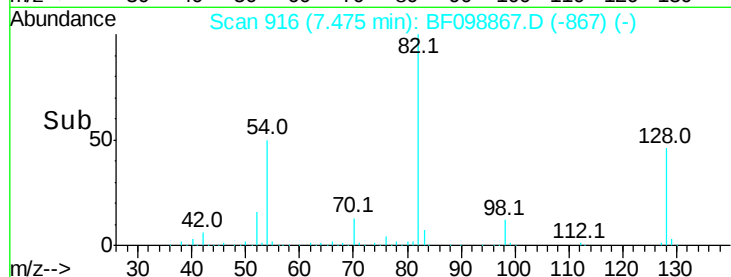
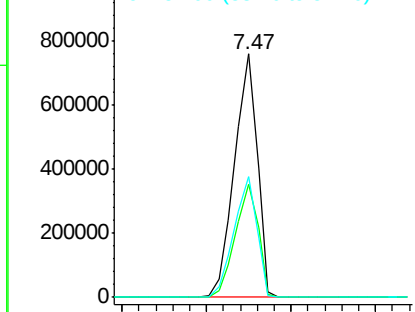
#23
 Nitrobenzene-d5
 Concen: 88.481 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :
 JC-DRUM

Tot Ion: 82 Resp: 711603
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 49.6 41.4 62.2

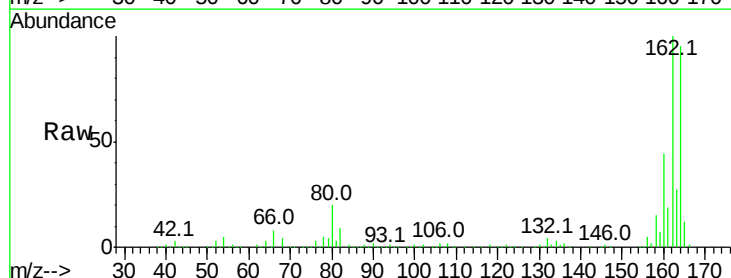


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

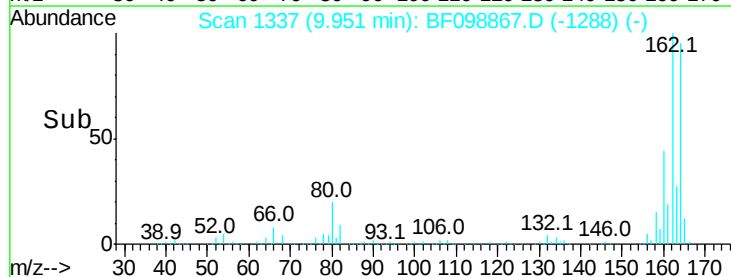
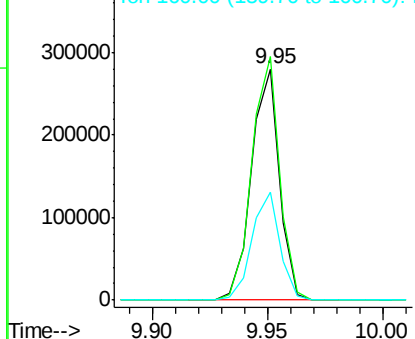


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF098867.D
 Acq: 27 Sep 2017 17:18

Tgt Ion:164 Resp: 236866
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 46.7 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: 136.624 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

JC-DRUM

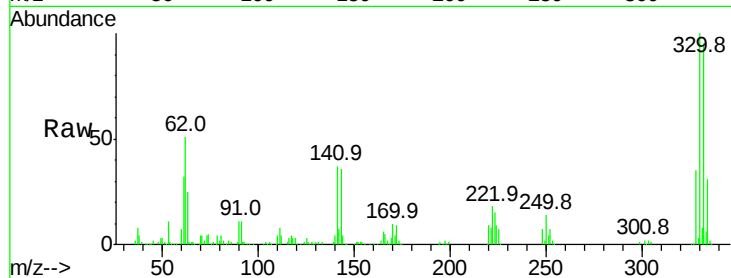
Tot Ion:330 Resp: 264806

Ion Ratio Lower Upper

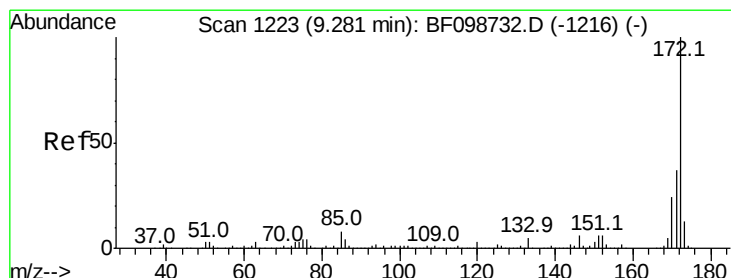
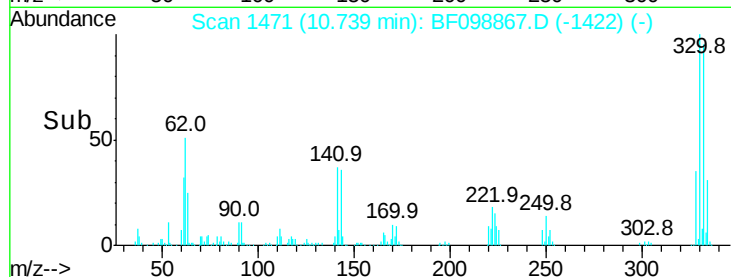
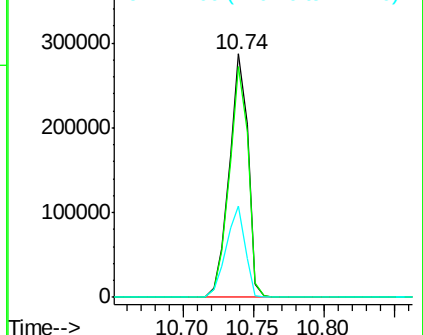
330 100

332 95.4 77.0 115.6

141 38.3 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: 84.848 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

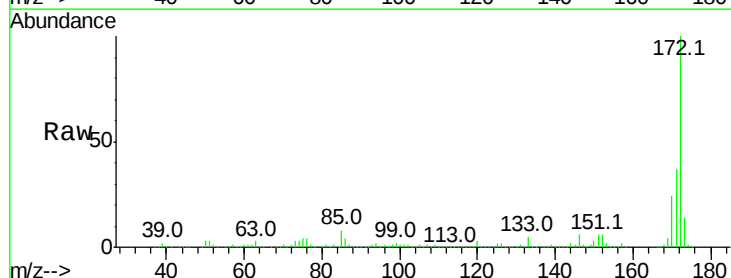
Tgt Ion:172 Resp: 1203863

Ion Ratio Lower Upper

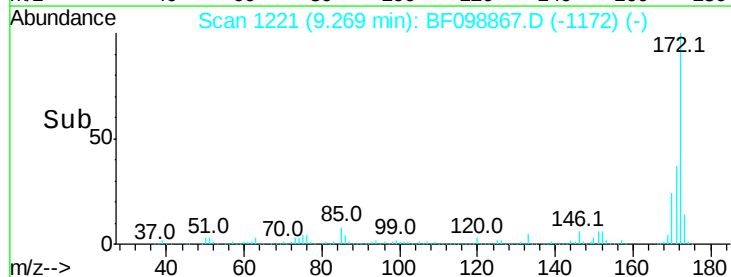
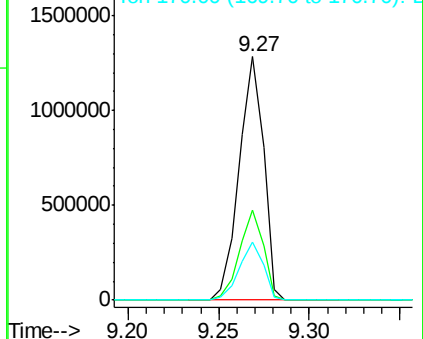
172 100

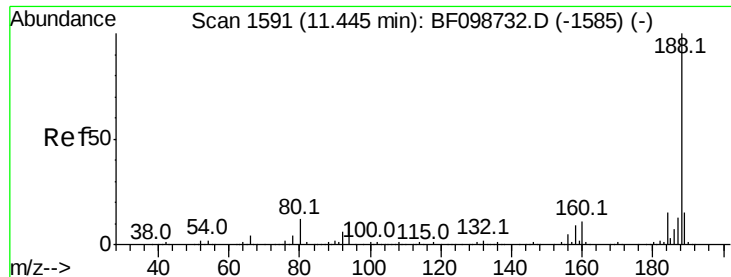
171 36.8 29.7 44.5

170 24.0 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: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

JC-DRUM

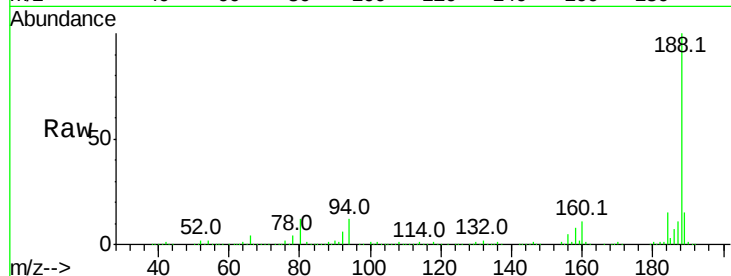
Tot Ion:188 Resp: 425147

Ion Ratio Lower Upper

188 100

94 12.2 8.5 12.7

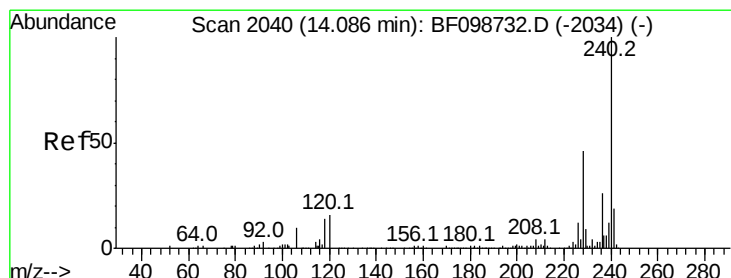
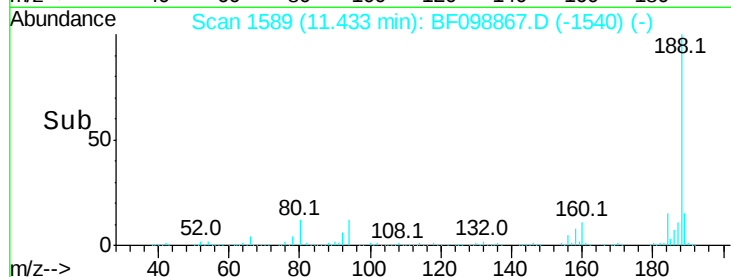
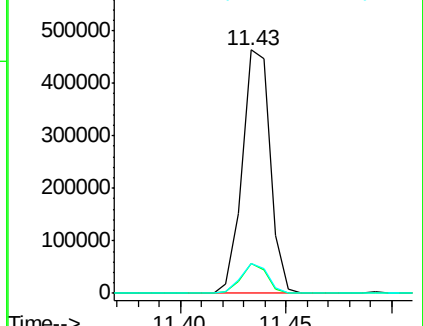
80 12.4 9.2 13.8



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: BF098867.D

Acq: 27 Sep 2017 17:18

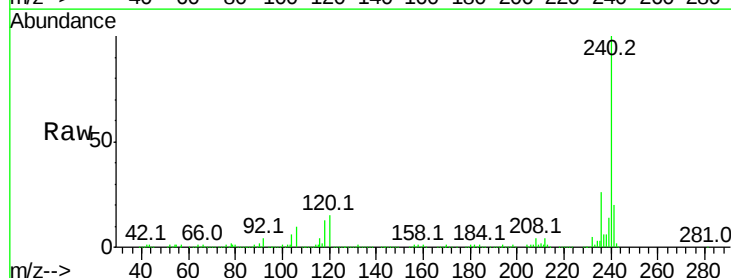
Tgt Ion:240 Resp: 362751

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

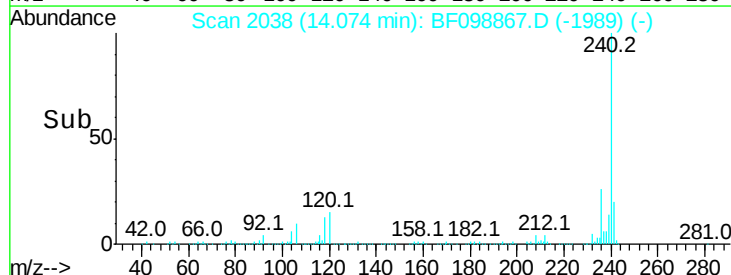
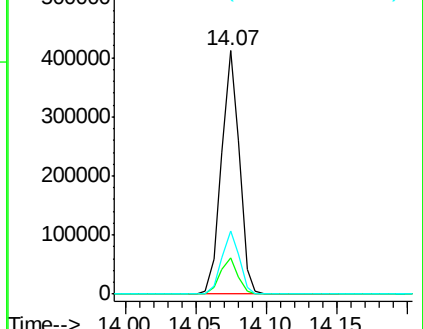
236 26.1 20.7 31.1

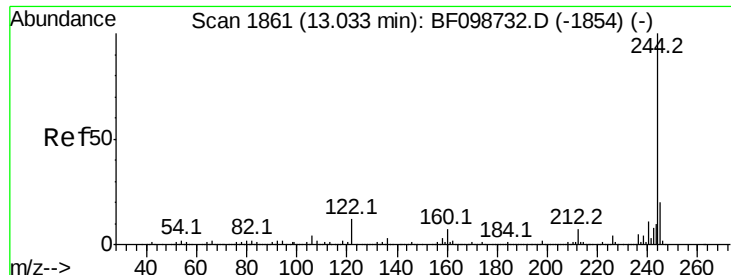


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.243 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098867.D

Acq: 27 Sep 2017 17:18

Instrument :

BNA_F

ClientSampleId :

JC-DRUM

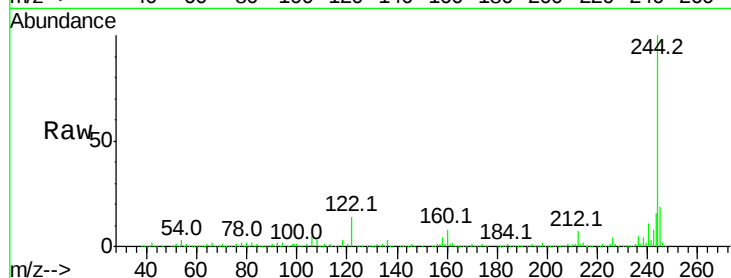
Tot Ion:244 Resp: 1248028

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

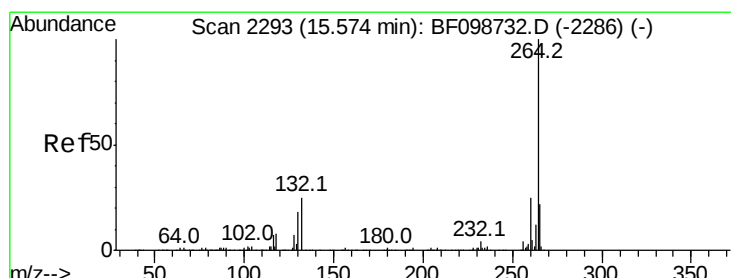
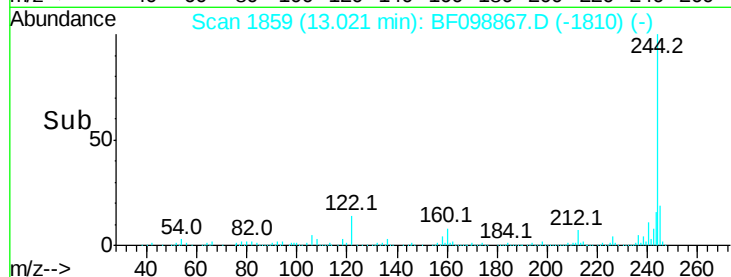
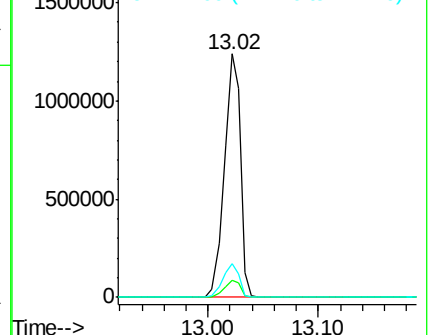
122 14.1 11.0 16.4



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: BF098867.D

Acq: 27 Sep 2017 17:18

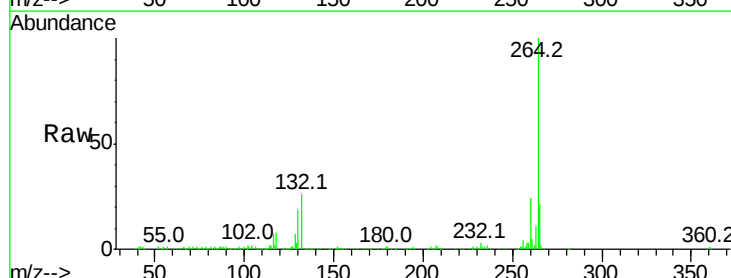
Tgt Ion:264 Resp: 309175

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.0 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

