

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102135.D
 Acq On : 17 Jan 2018 2:50
 Operator : SJ/JU
 Sample : J1122-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Quant Time: Jan 17 04:29:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

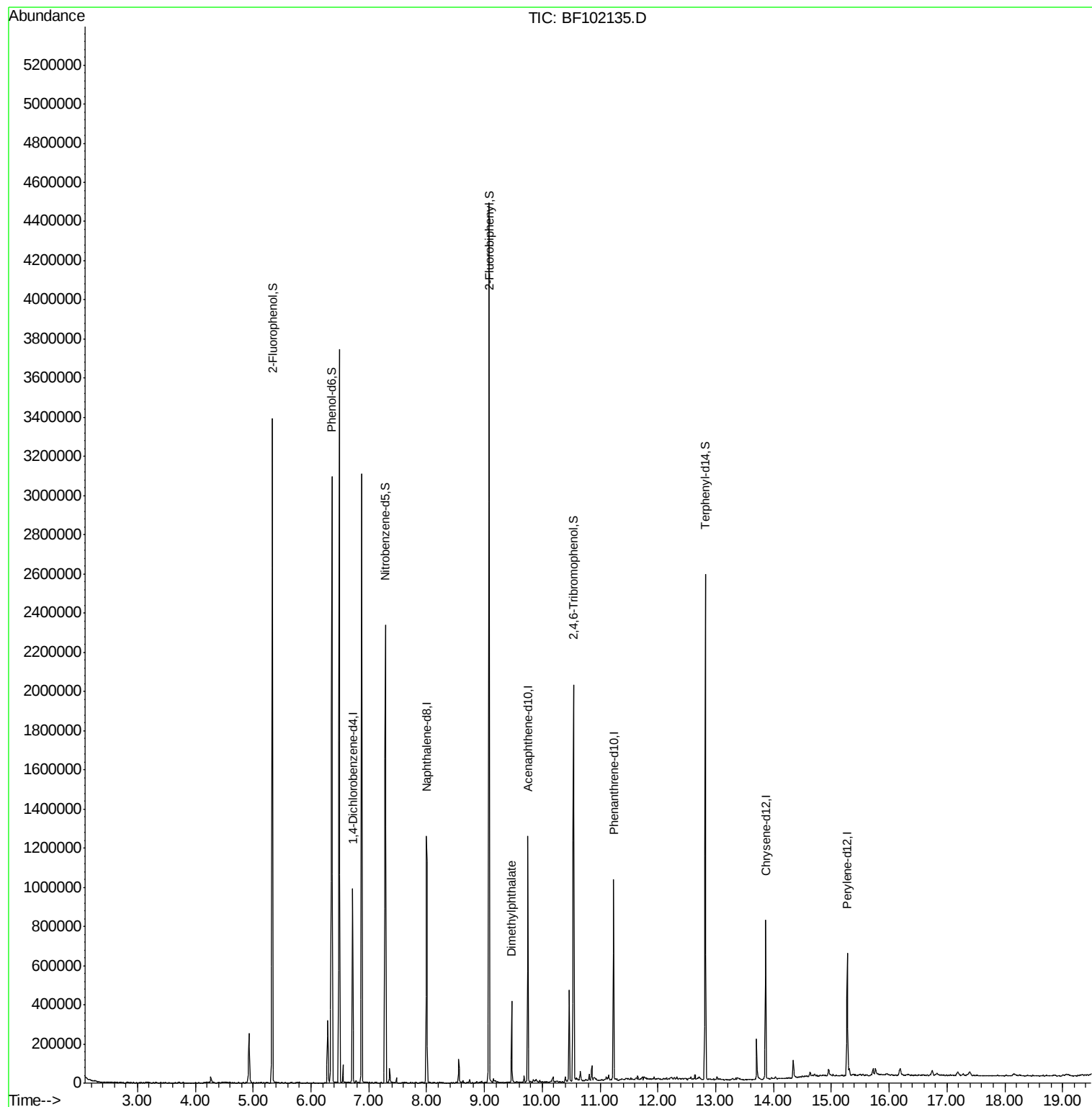
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	138137	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	559647	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	231763	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	328544	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	250520	20.00	ng	-0.02
86) Perylene-d12	15.27	264	271333	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1024582	104.74	ng	0.00
7) Phenol-d6	6.36	99	1217515	104.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	783493	82.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	223991	110.75	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1350503	91.03	ng	-0.01
78) Terphenyl-d14	12.82	244	874151	72.45	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	160965	8.658	ng	98

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

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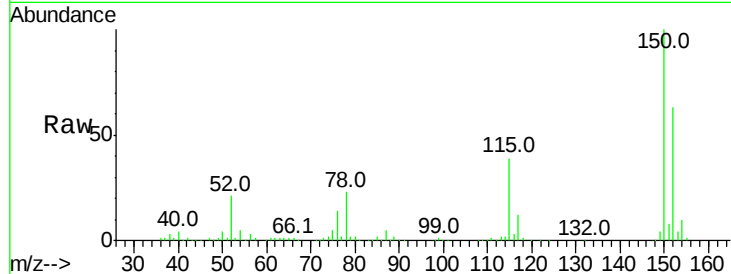


#1

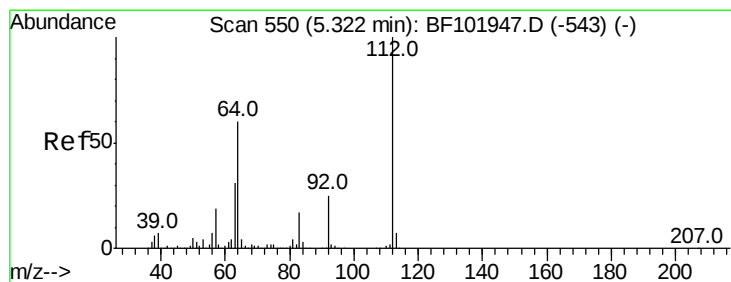
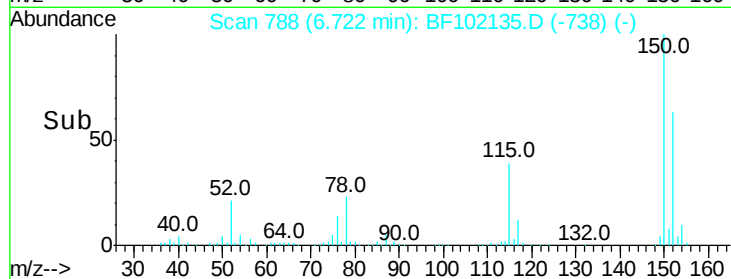
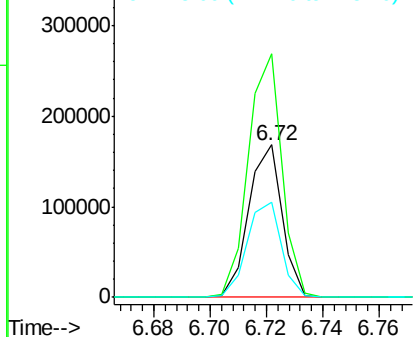
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Instrument :
BNA_F
ClientSampleId :
C-3

Tot Ion:152 Resp: 138137
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.8 50.1 75.1



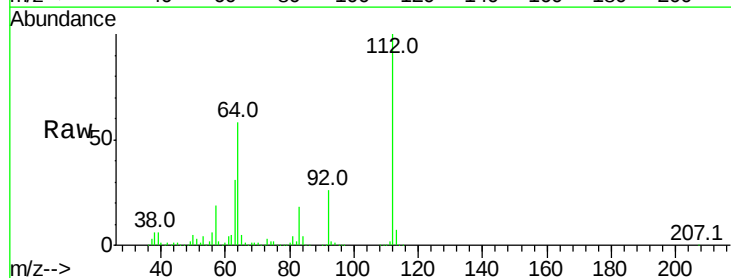
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



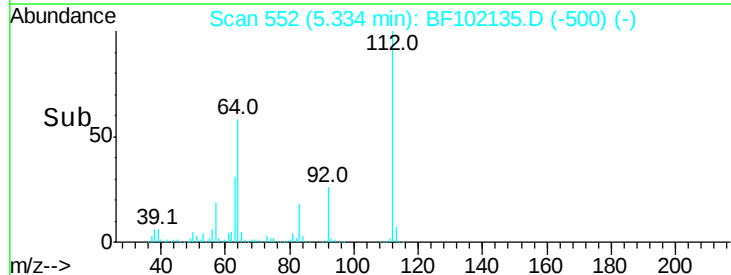
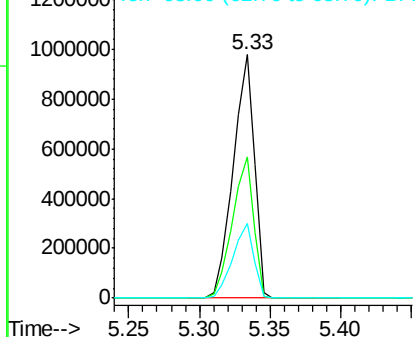
#5

2-Fluorophenol
Concen: 104.736 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102135.D
Acq: 17 Jan 2018 2:50

Tgt Ion:112 Resp: 1024582
Ion Ratio Lower Upper
112 100
64 58.2 47.9 71.9
63 30.9 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: 104.315 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampled :

C-3

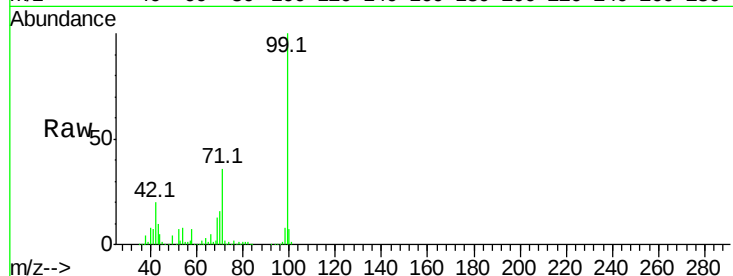
Tot Ion: 99 Resp: 1217515

Ion Ratio Lower Upper

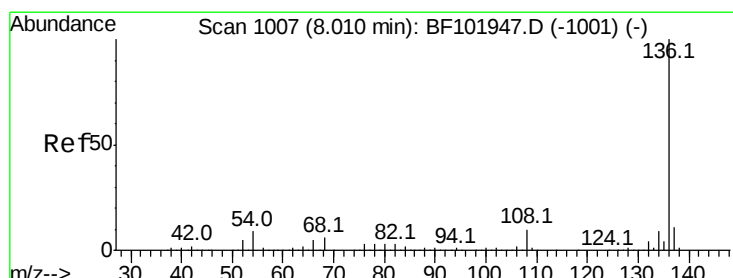
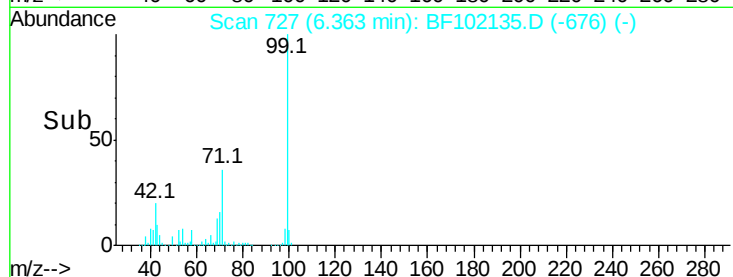
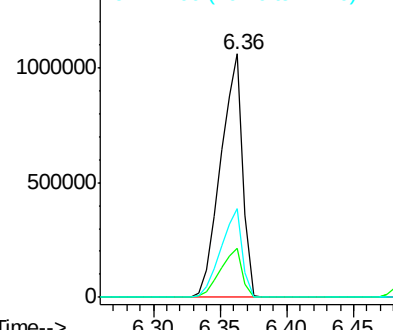
99 100

42 20.3 14.5 21.7

71 36.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Tgt Ion: 136 Resp: 559647

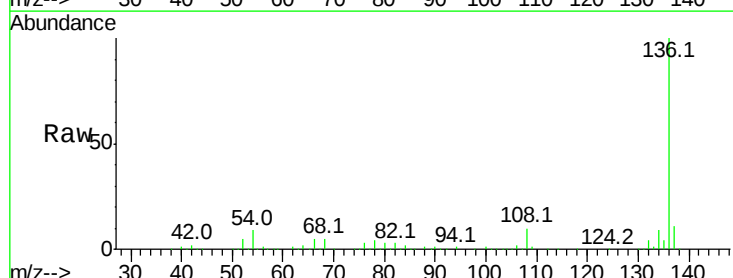
Ion Ratio Lower Upper

136 100

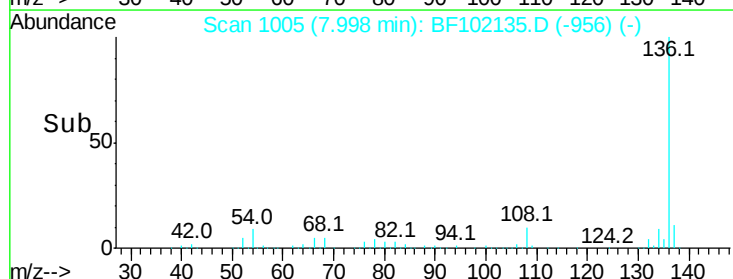
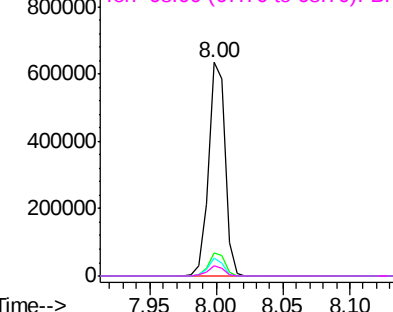
137 10.8 8.9 13.3

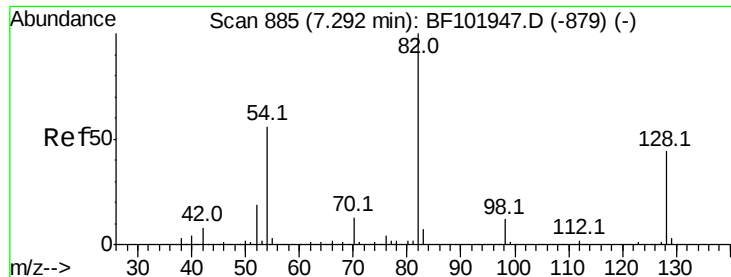
54 8.5 6.6 9.8

68 4.9 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): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 82.268 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

C-3

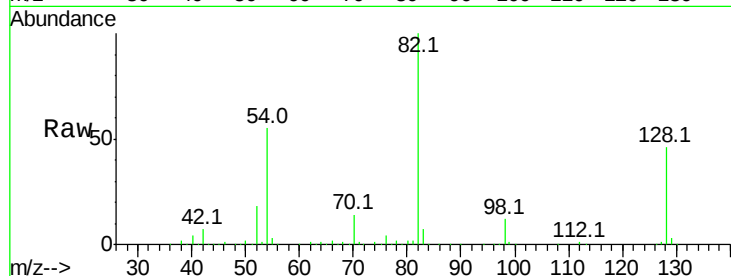
Tot Ion: 82 Resp: 783493

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

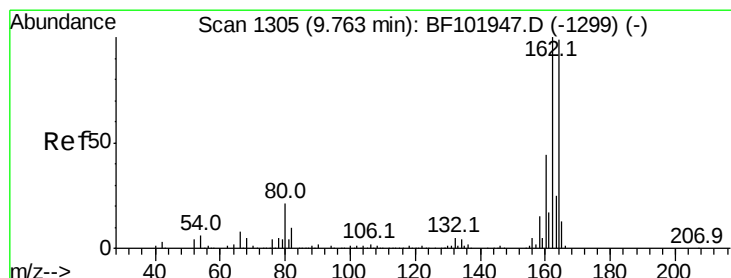
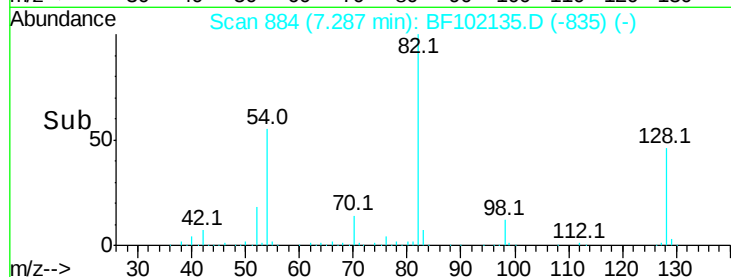
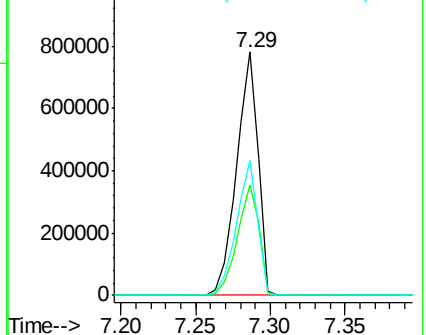
54 55.4 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

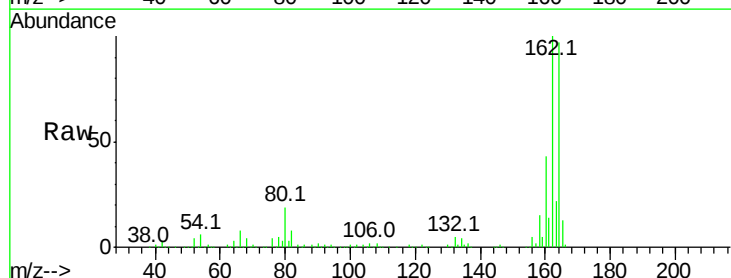
Tgt Ion:164 Resp: 231763

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

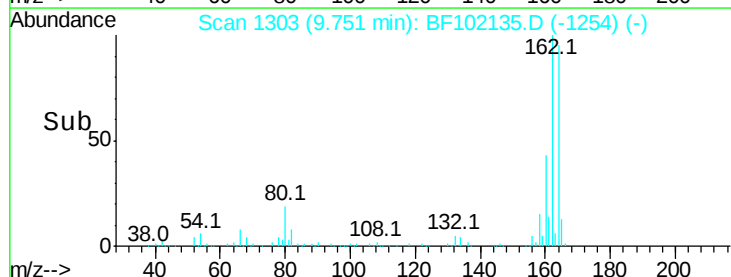
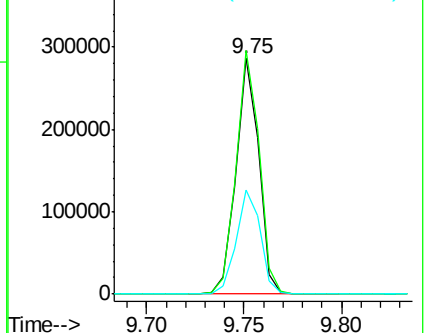
160 44.0 38.3 57.5

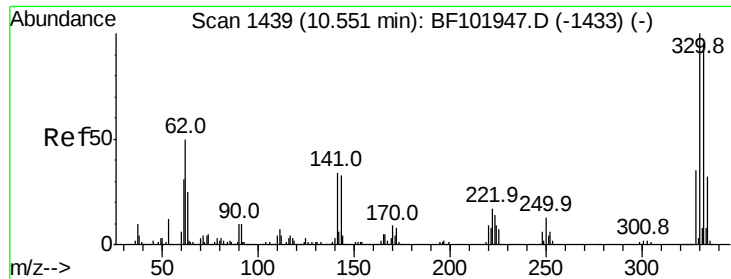


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

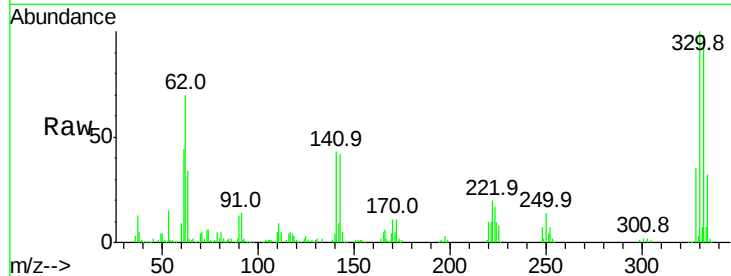




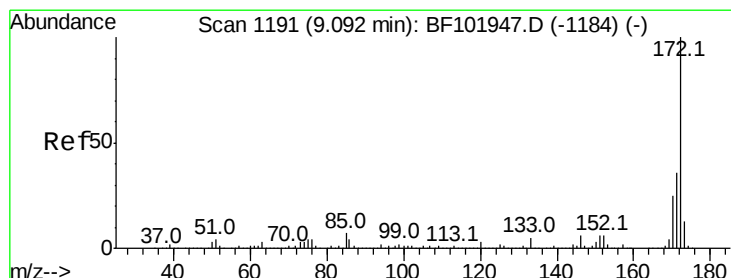
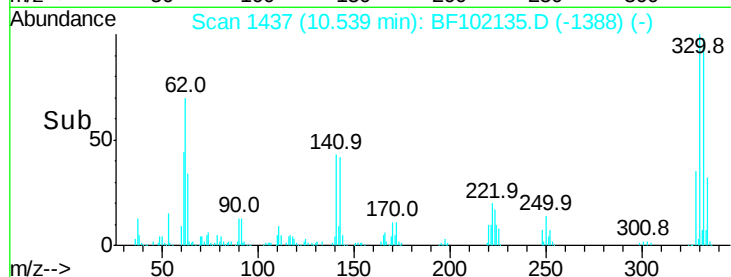
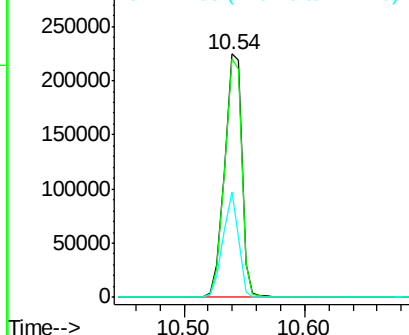
#41
 2,4,6-Tribromophenol
 Concen: 110.746 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102135.D
 Acq: 17 Jan 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
 C-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	38.8	29.9	44.9

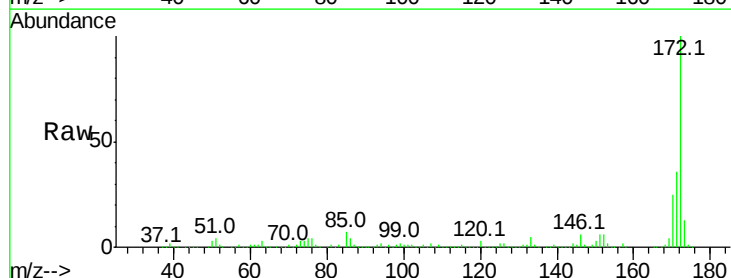


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

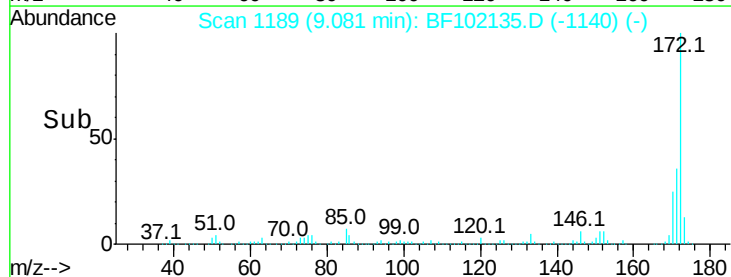
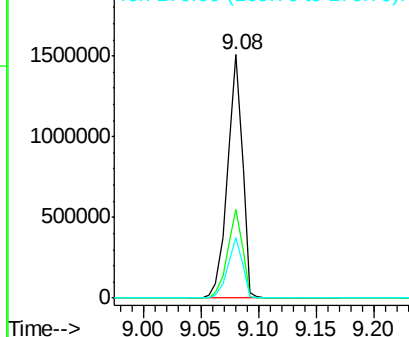


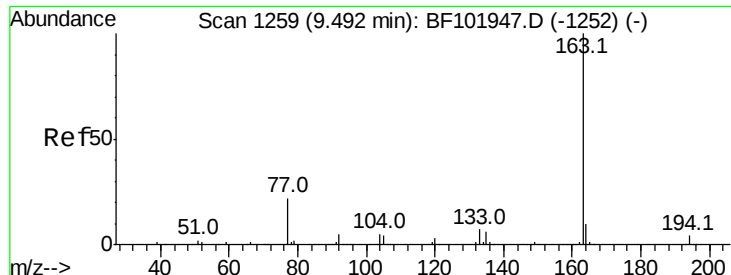
#44
 2-Fluorobiphenyl
 Concen: 91.035 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102135.D
 Acq: 17 Jan 2018 2:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.7	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: 8.658 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

C-3

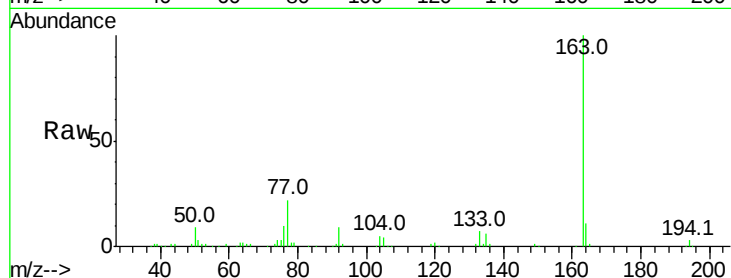
Tot Ion:163 Resp: 160965

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

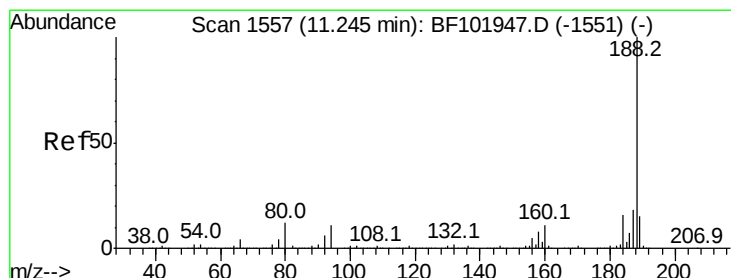
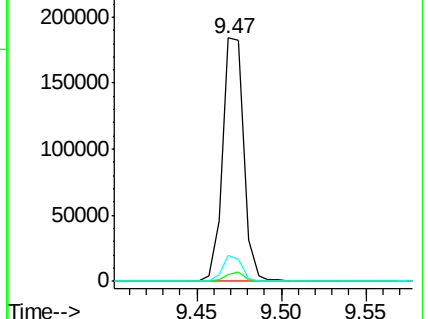
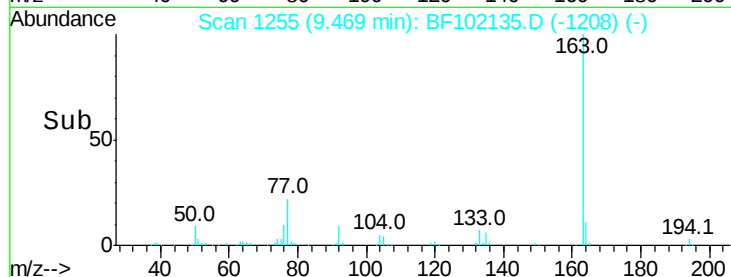
164 10.9 8.2 12.2



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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

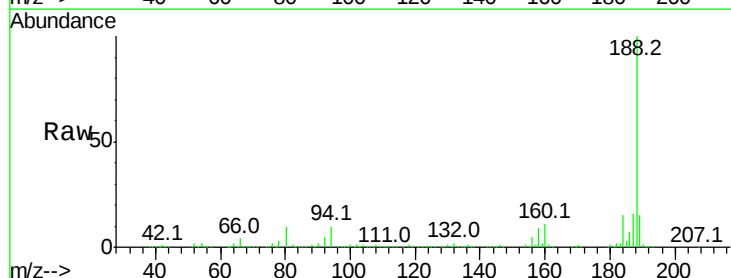
Tgt Ion:188 Resp: 328544

Ion Ratio Lower Upper

188 100

94 10.0 8.5 12.7

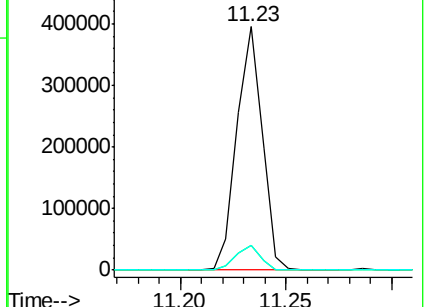
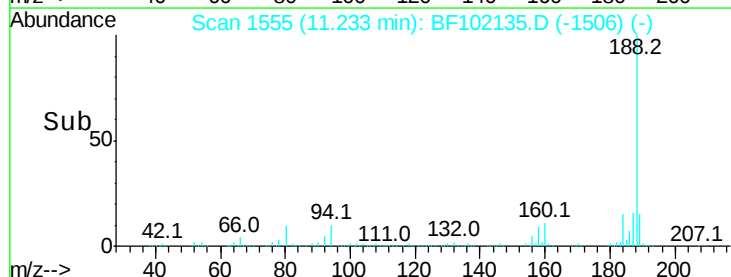
80 10.3 9.2 13.8

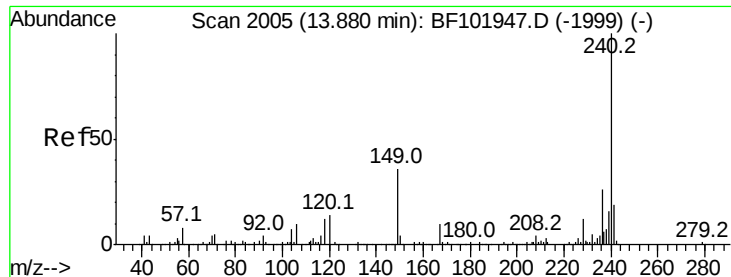


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

Instrument :

BNA_F

ClientSampleId :

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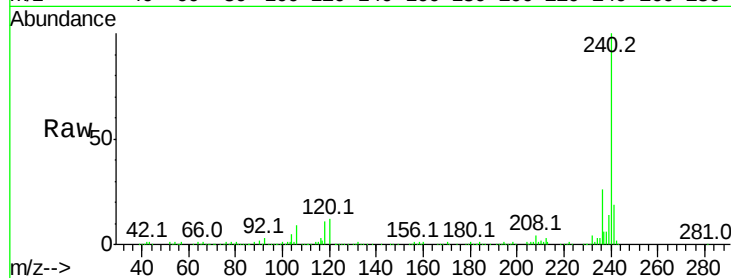
Tot Ion:240 Resp: 250520

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

236 25.6 20.7 31.1

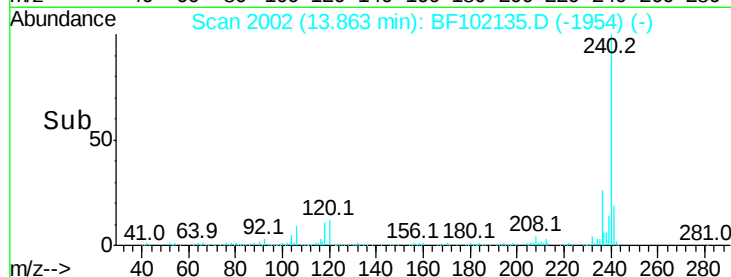


Abundance Ion 240.00 (239.70 to 240.70): E

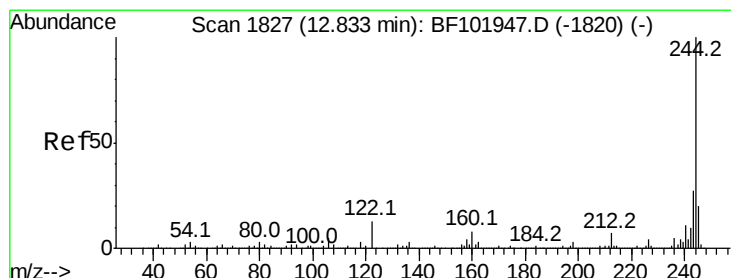
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.86



Time-->



#78

Terphenyl-d14

Concen: 72.448 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102135.D

Acq: 17 Jan 2018 2:50

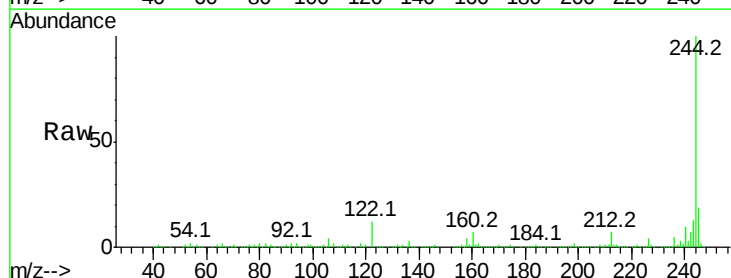
Tgt Ion:244 Resp: 874151

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

122 11.8 11.0 16.4

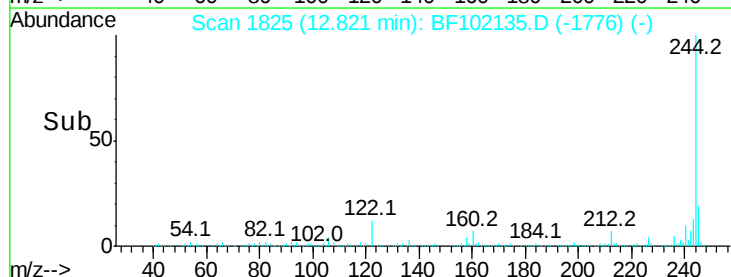


Abundance Ion 244.00 (243.70 to 244.70): E

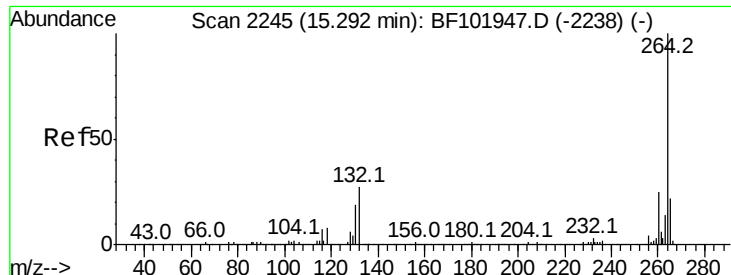
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.82



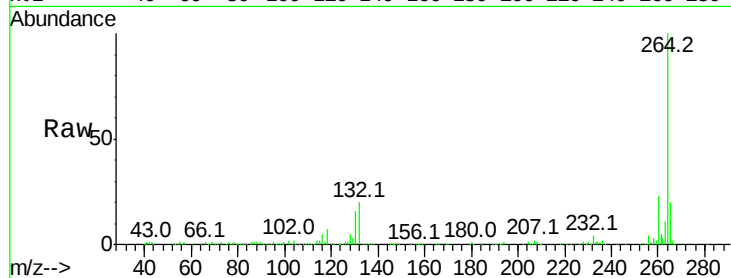
Time-->



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF102135.D
 Acq: 17 Jan 2018 2:50

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion: 264 Resp: 271333
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 20.2 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

