

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102886.D
 Acq On : 9 Feb 2018 14:05
 Operator : SJ/JU
 Sample : J1475-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Quant Time: Feb 09 15:53:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

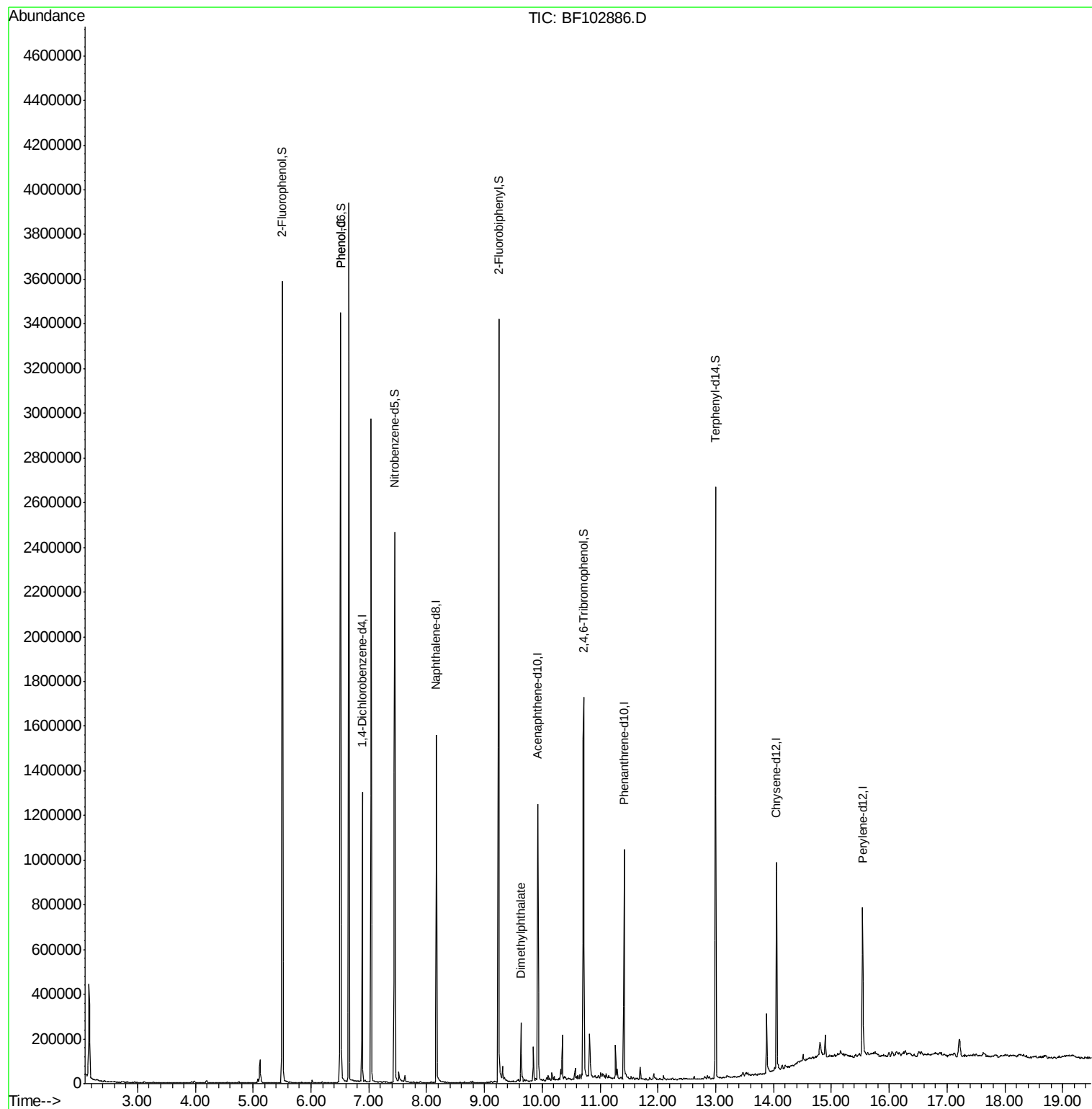
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	164498	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	646036	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	257678	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	369022	20.00	ng	0.00
75) Chrysene-d12	14.05	240	316652	20.00	ng	0.00
86) Perylene-d12	15.54	264	301525	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1035396	95.59	ng	0.01
7) Phenol-d6	6.52	99	1234171	94.63	ng	0.01
23) Nitrobenzene-d5	7.45	82	809200	86.89	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	181122	87.33	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1152180	74.20	ng	0.00
78) Terphenyl-d14	13.00	244	791005	59.15	ng	0.00
Target Compounds						
10) Phenol	6.52	94	35856	2.565	ng	78
49) Dimethylphthalate	9.63	163	89922	4.476	ng	100

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102886.D
Acq On : 9 Feb 2018 14:05
Operator : SJ/JU
Sample : J1475-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-3

Quant Time: Feb 09 15:53:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration



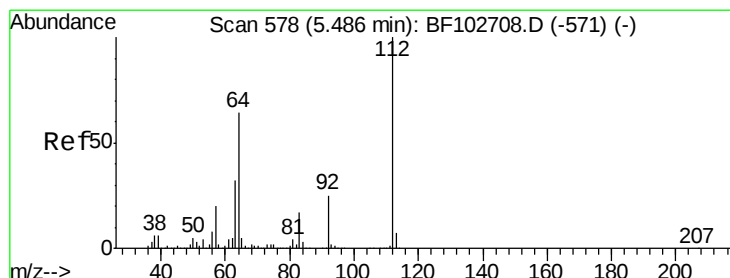
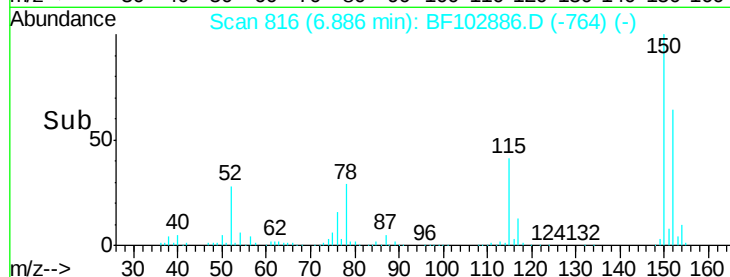
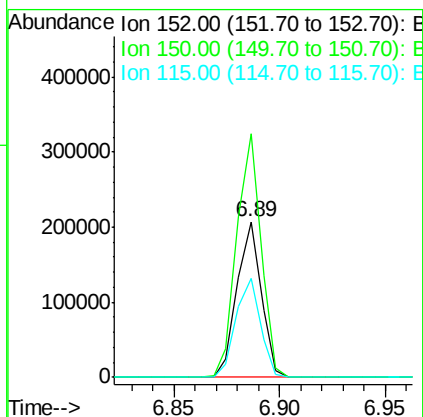
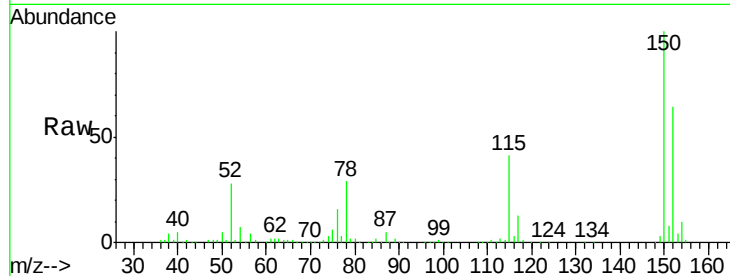


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Instrument :
BNA_F
ClientSampleId :
COMP-3

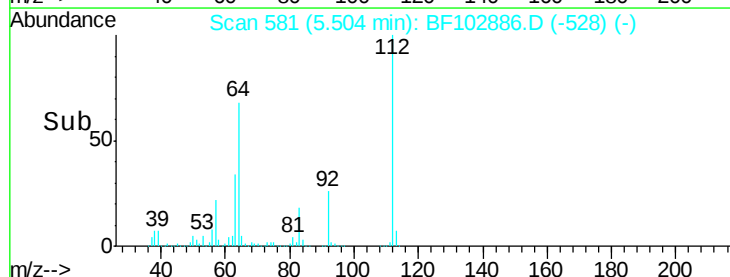
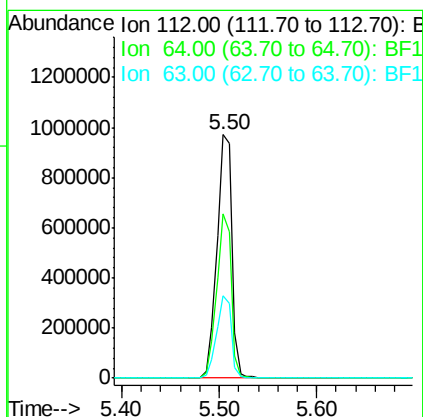
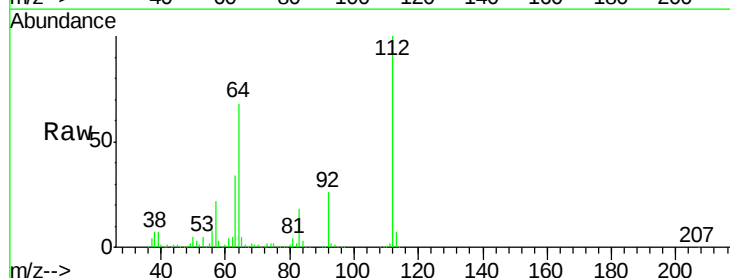
Tot Ion:152 Resp: 164498
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 63.5 50.1 75.1



#5

2-Fluorophenol
Concen: 95.589 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102886.D
Acq: 9 Feb 2018 14:05

Tgt Ion:112 Resp: 1035396
Ion Ratio Lower Upper
112 100
64 67.6 47.9 71.9
63 34.0 23.7 35.5





#7

Phenol-d6

Concen: 94.629 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

Instrument :

BNA_F

ClientSampleId :

COMP-3

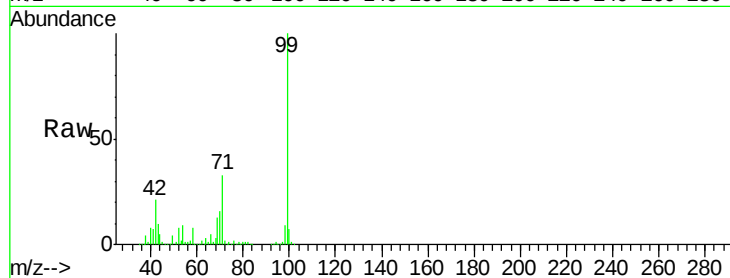
Tot Ion: 99 Resp: 1234171

Ion Ratio Lower Upper

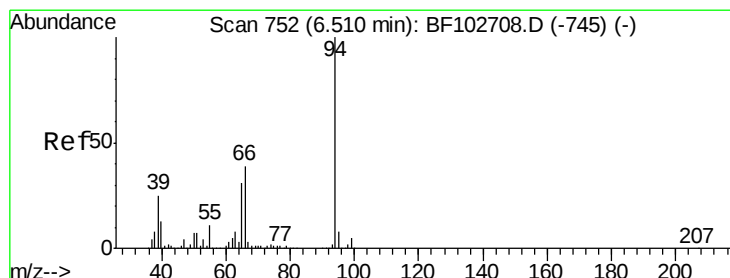
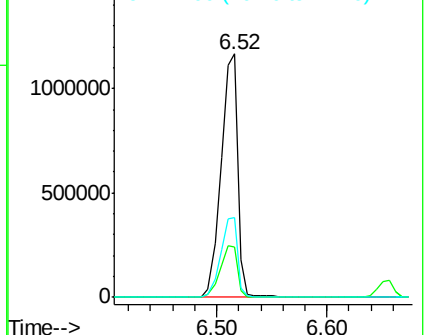
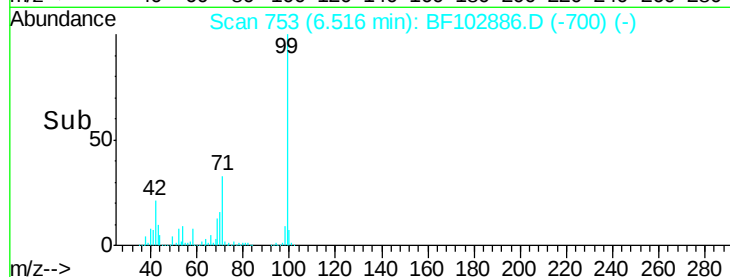
99 100

42 20.5 14.5 21.7

71 32.6 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



#10

Phenol

Concen: 2.565 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

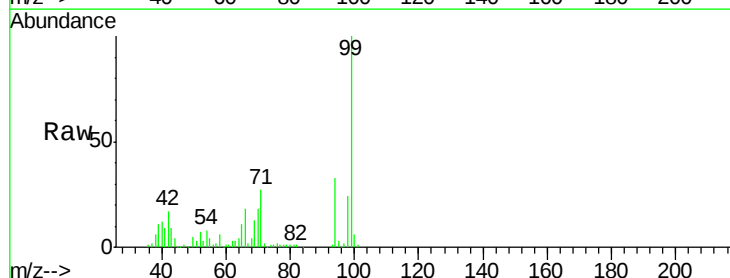
Tgt Ion: 94 Resp: 35856

Ion Ratio Lower Upper

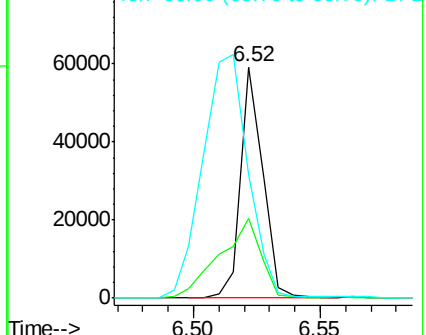
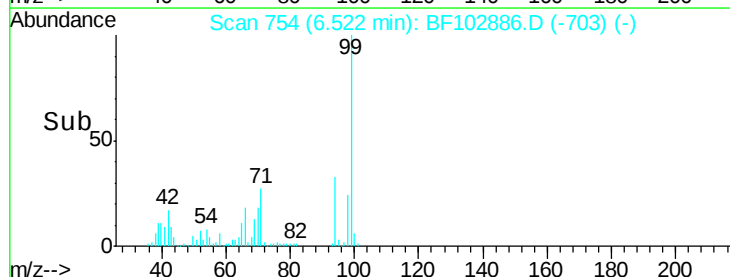
94 100

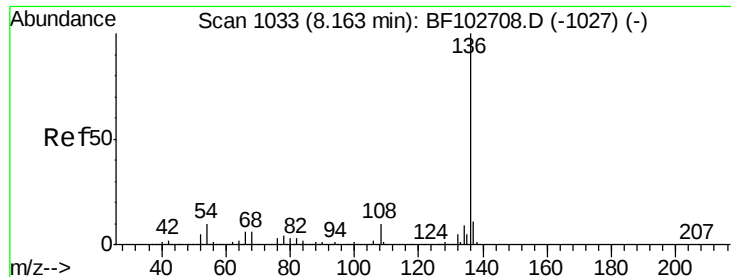
65 34.4 7.9 47.9

66 53.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

Instrument :

BNA_F

ClientSampleId :

COMP-3

Tot Ion:136 Resp: 646036

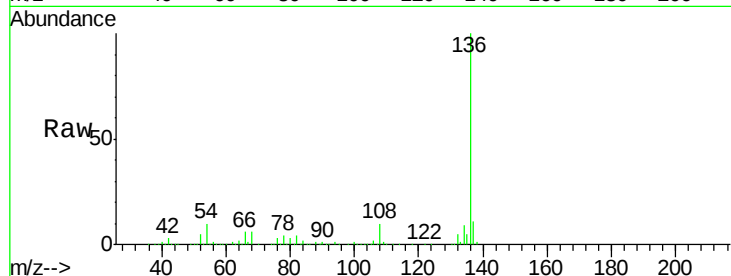
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.9 6.6 9.8#

68 6.4 5.0 7.4

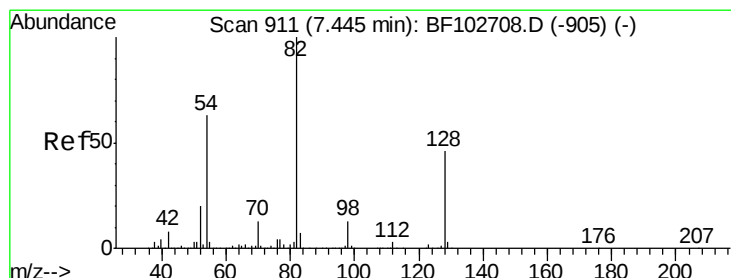
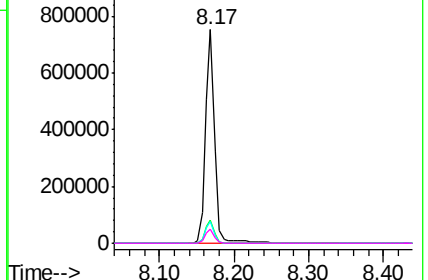
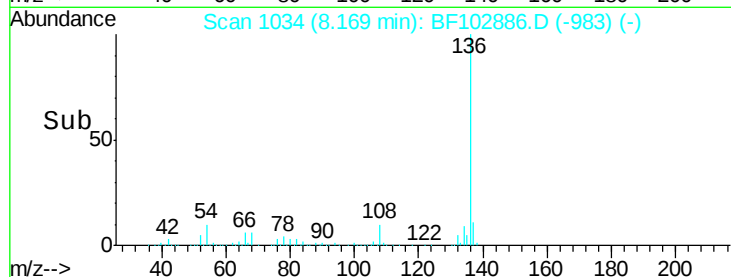


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.891 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

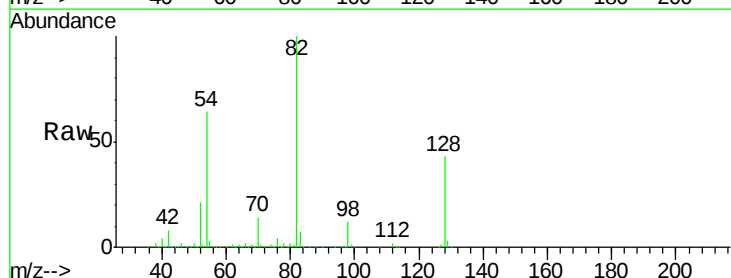
Tgt Ion: 82 Resp: 809200

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

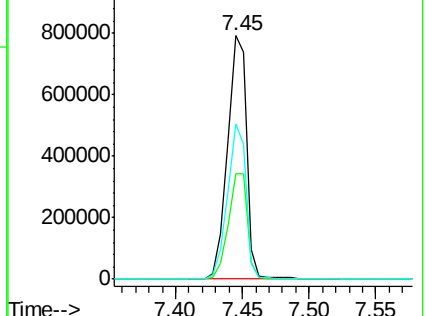
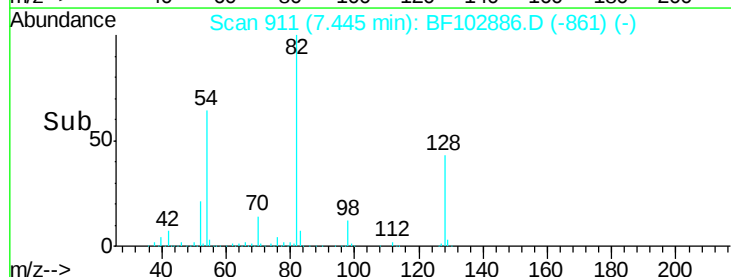
54 64.0 41.4 62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

Instrument :

BNA_F

ClientSampleId :

COMP-3

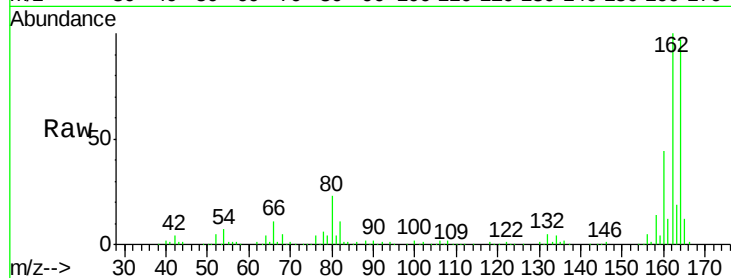
Tot Ion:164 Resp: 257678

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

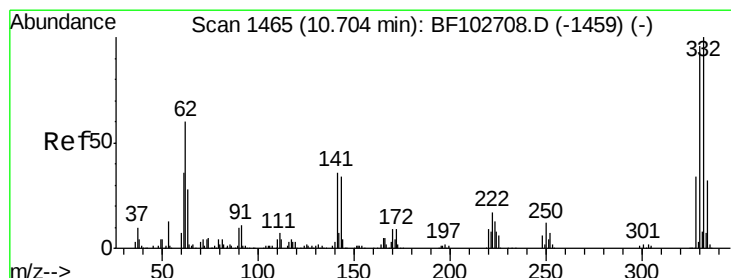
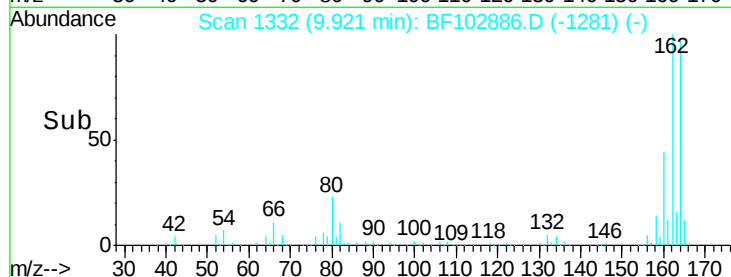
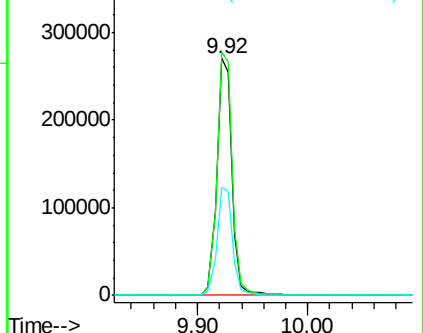
160 45.7 38.3 57.5



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: 87.330 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

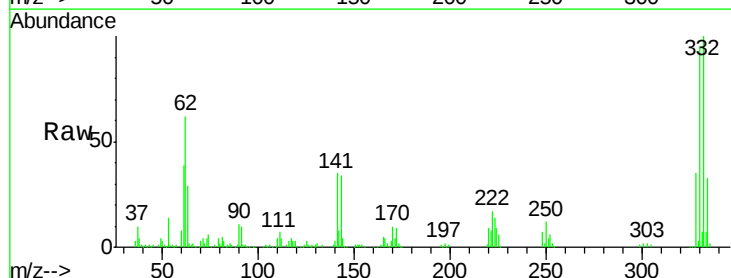
Tgt Ion:330 Resp: 181122

Ion Ratio Lower Upper

330 100

332 104.9 77.0 115.6

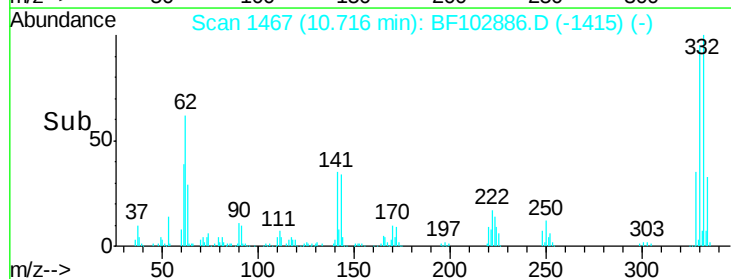
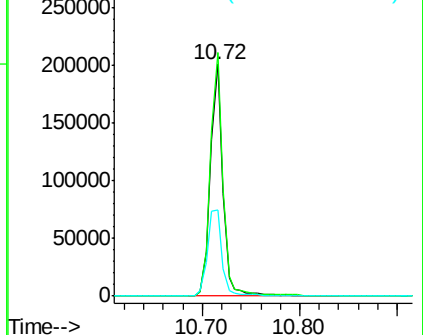
141 43.8 29.9 44.9

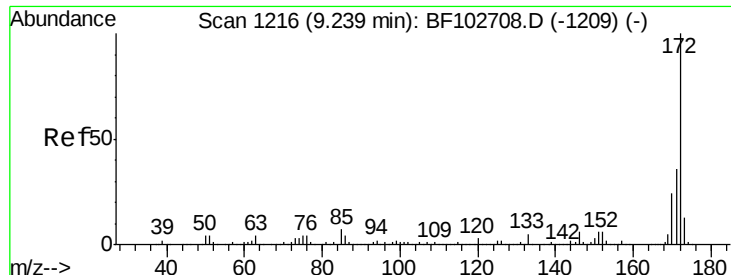


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



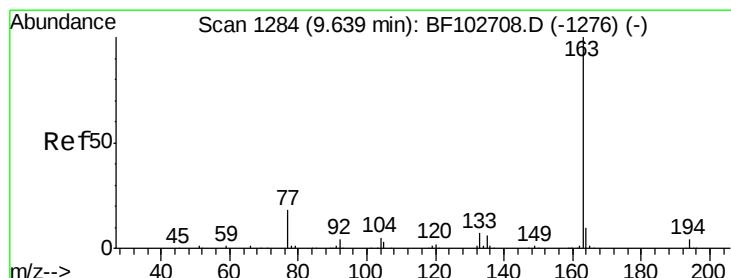
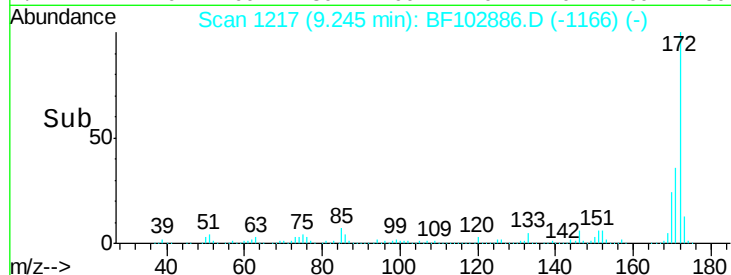
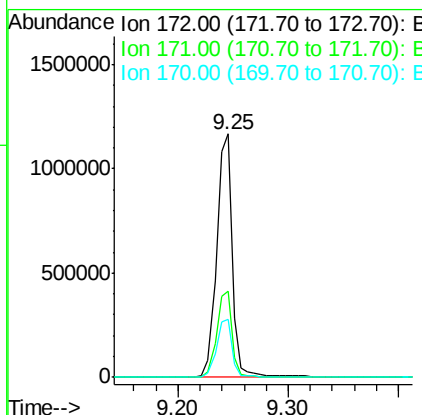
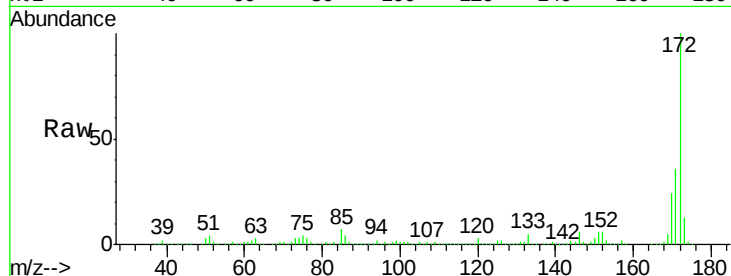


#44
 2-Fluorobiphenyl
 Concen: 74.196 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF102886.D
 Acq: 9 Feb 2018 14:05

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3

Tot Ion:172 Resp: 1152180

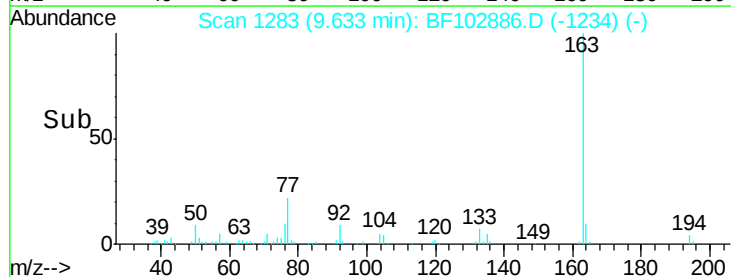
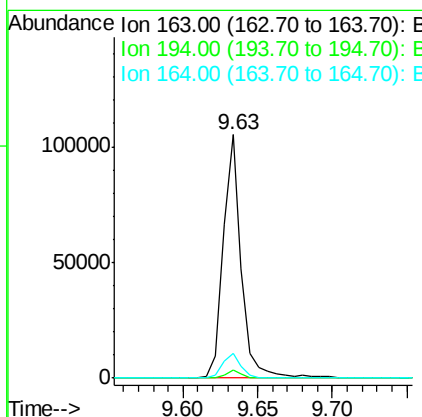
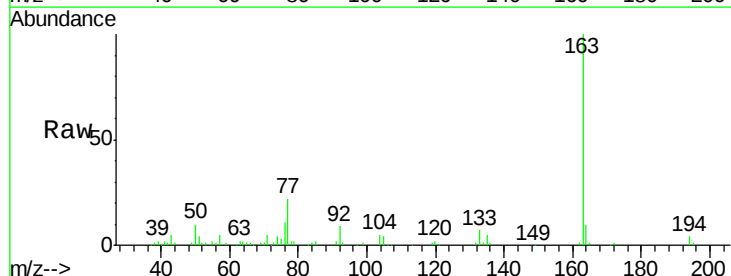
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.9	19.6	29.4

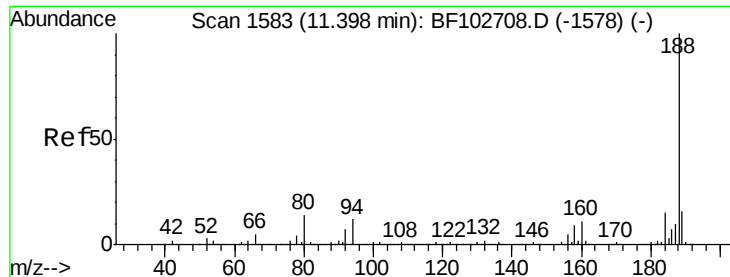


#49
 Dimethylphthalate
 Concen: 4.476 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102886.D
 Acq: 9 Feb 2018 14:05

Tgt Ion:163 Resp: 89922

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

Instrument :

BNA_F

ClientSampled :

COMP-3

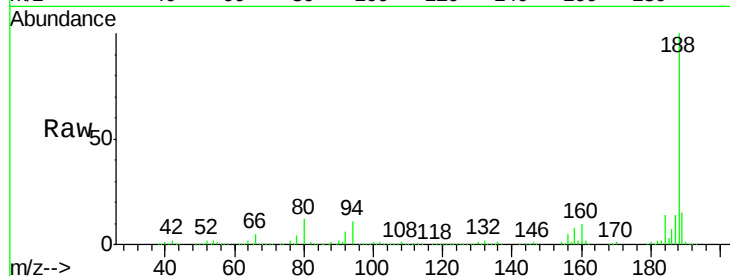
Tot Ion:188 Resp: 369022

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

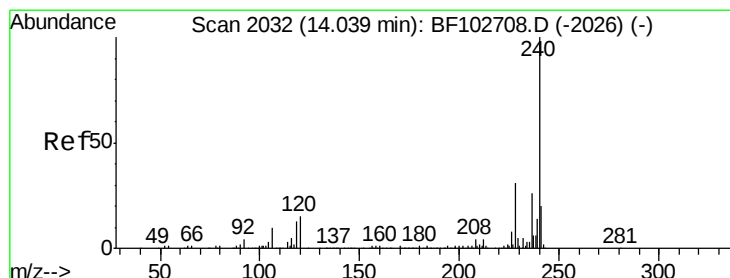
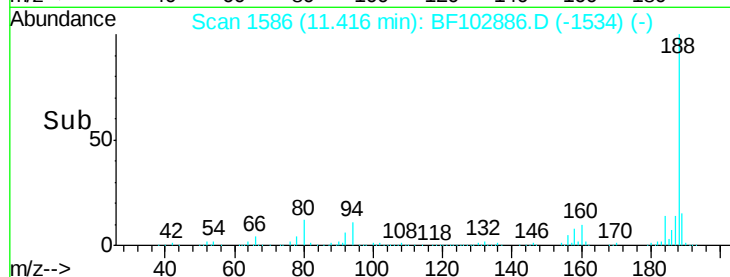
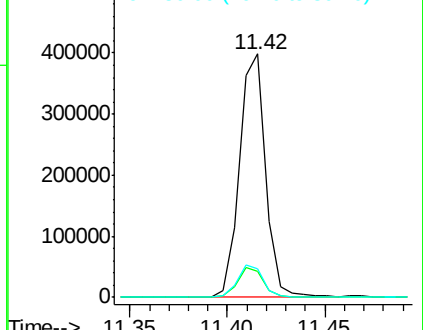
80 11.9 9.2 13.8



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: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

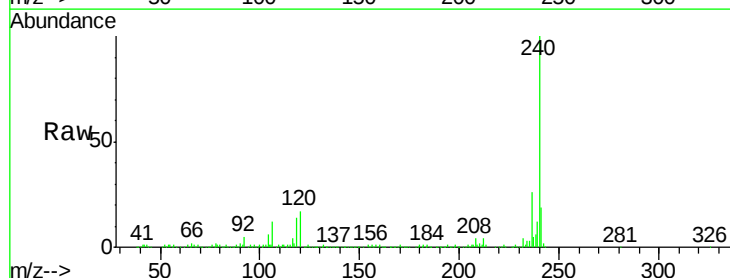
Tgt Ion:240 Resp: 316652

Ion Ratio Lower Upper

240 100

120 17.0 9.5 14.3#

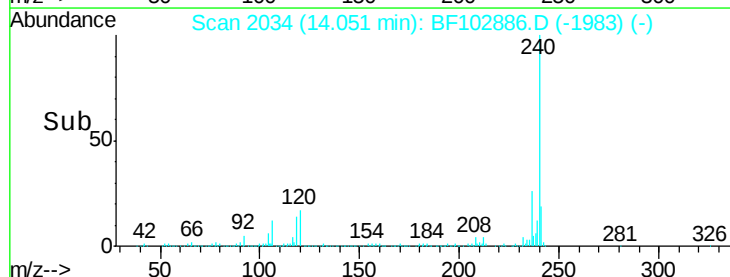
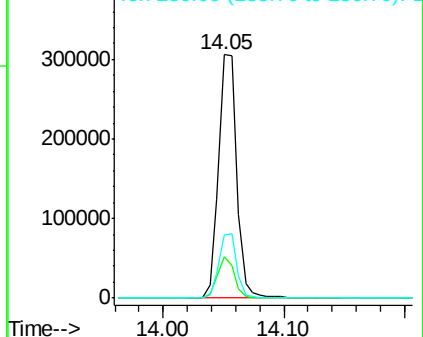
236 26.0 20.7 31.1

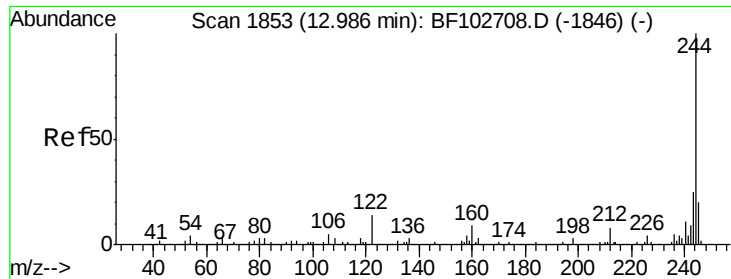


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 59.148 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

Instrument :

BNA_F

ClientSampleId :

COMP-3

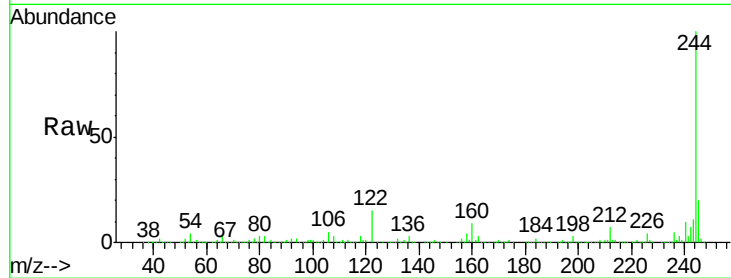
Tot Ion:244 Resp: 791005

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

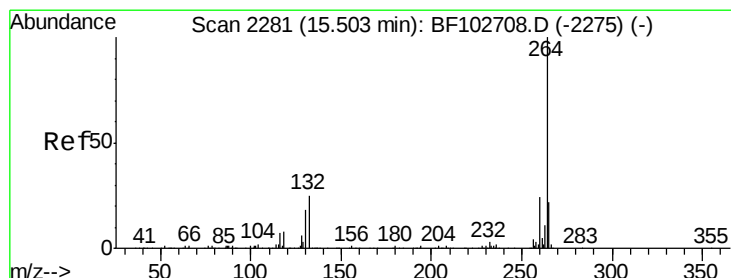
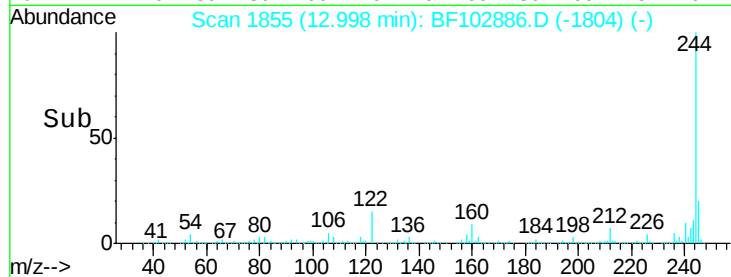
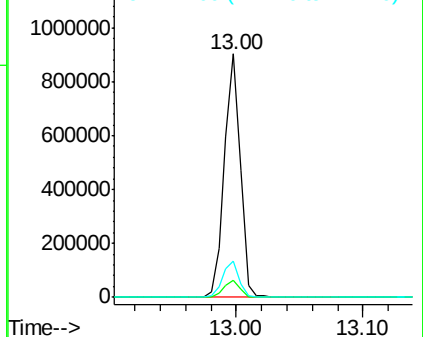
122 14.8 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102886.D

Acq: 9 Feb 2018 14:05

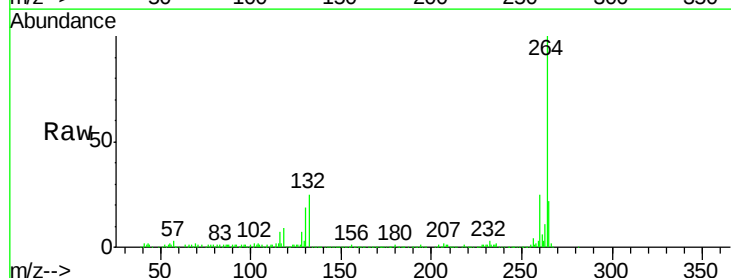
Tgt Ion:264 Resp: 301525

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 21.7 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

