

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102731.D
 Acq On : 5 Feb 2018 11:58
 Operator : SJ/JU
 Sample : J1436-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B15

Quant Time: Feb 05 13:22:10 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

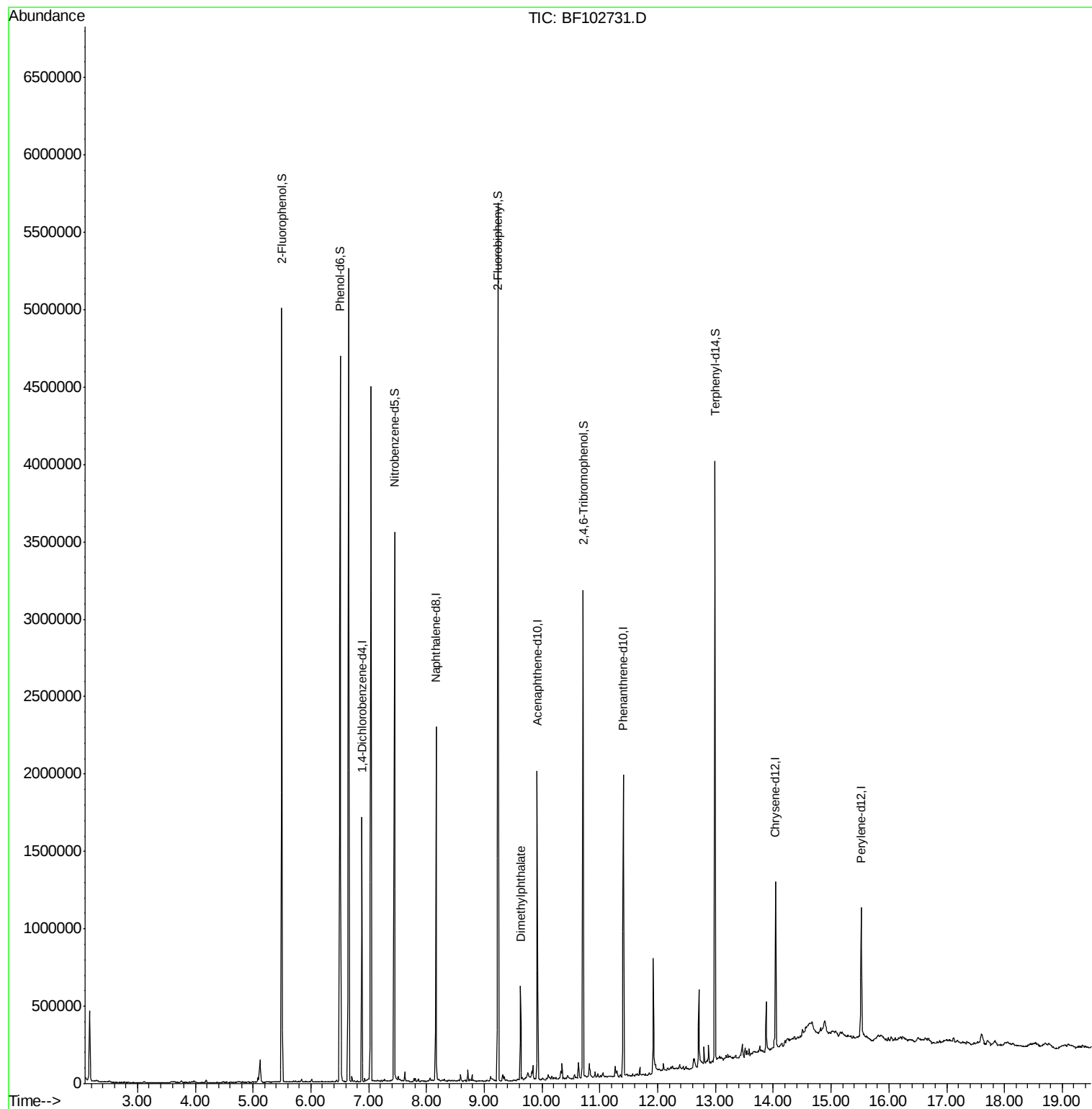
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	223942	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	906442	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	405942	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	648719	20.00	ng	0.00
75) Chrysene-d12	14.04	240	370540	20.00	ng	0.00
86) Perylene-d12	15.52	264	372596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1514398	102.70	ng	0.00
7) Phenol-d6	6.51	99	1804758	101.65	ng	0.00
23) Nitrobenzene-d5	7.45	82	1133340	86.74	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	372864	114.12	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1788464	73.11	ng	0.00
78) Terphenyl-d14	12.99	244	1339102	85.57	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	199869	6.315	ng	Qvalue 100

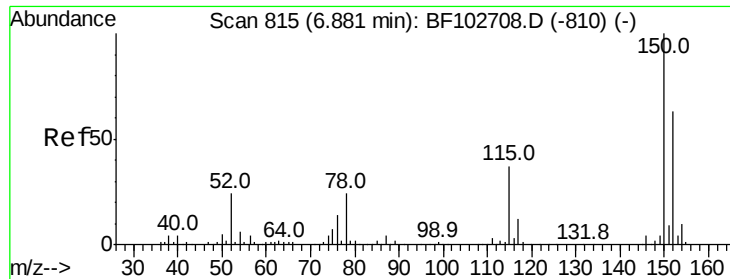
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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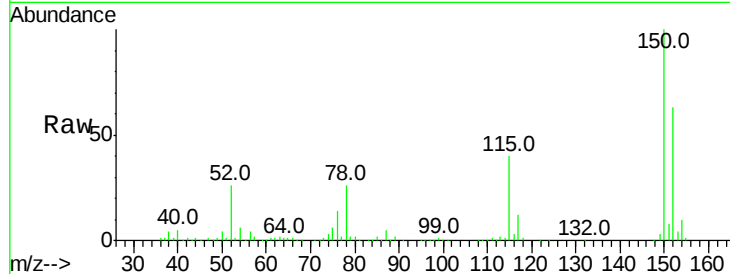


#1

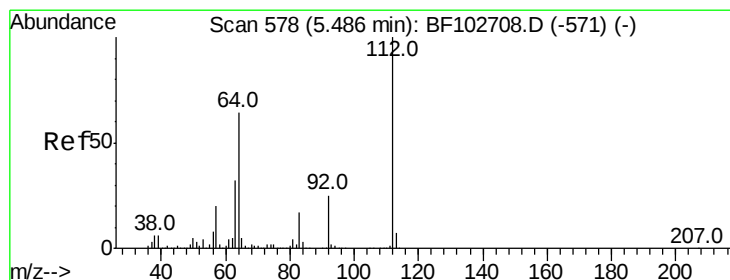
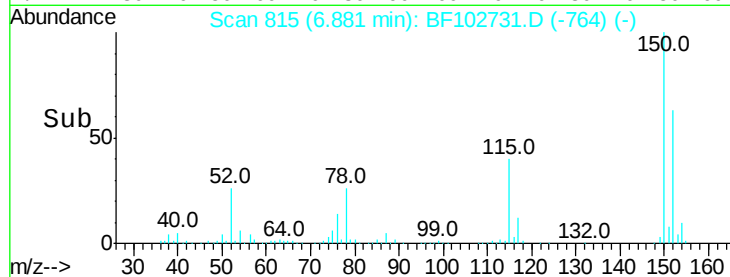
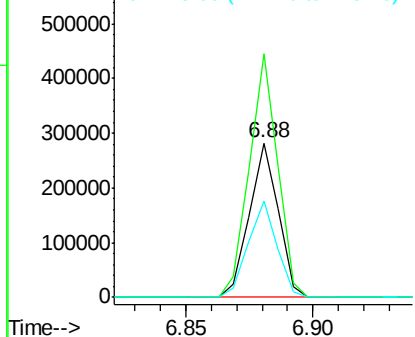
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :
B15

Tot Ion:152 Resp: 223942
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 62.7 50.1 75.1



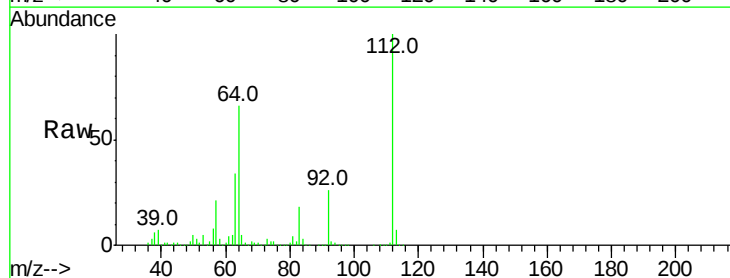
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



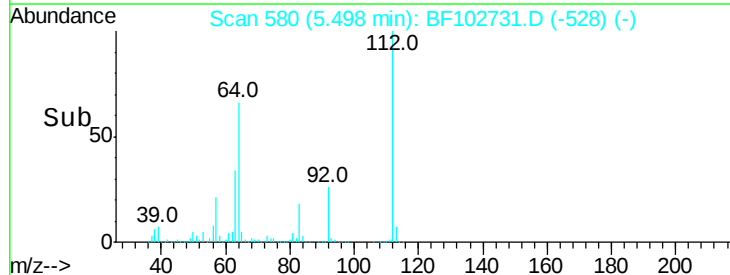
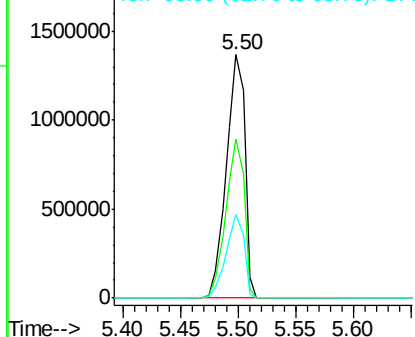
#5

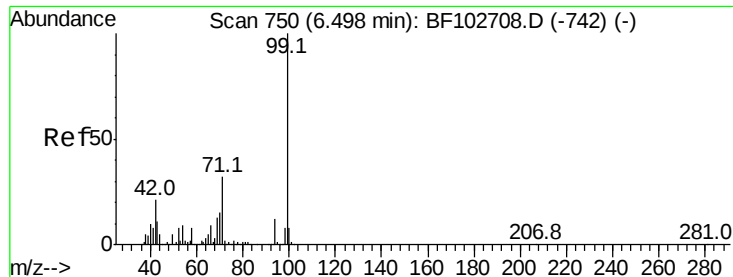
2-Fluorophenol
Concen: 102.699 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:112 Resp: 1514398
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 34.1 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: 101.647 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102731.D

Acq: 5 Feb 2018 11:58

Instrument :

BNA_F

ClientSampleId :

B15

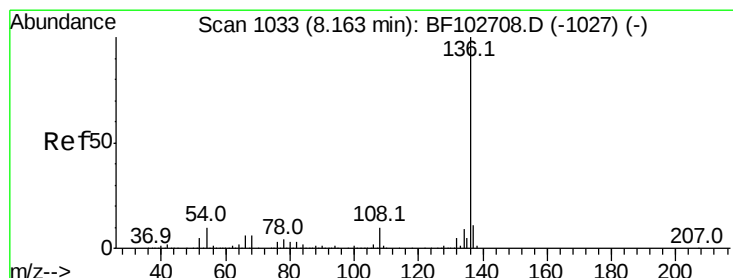
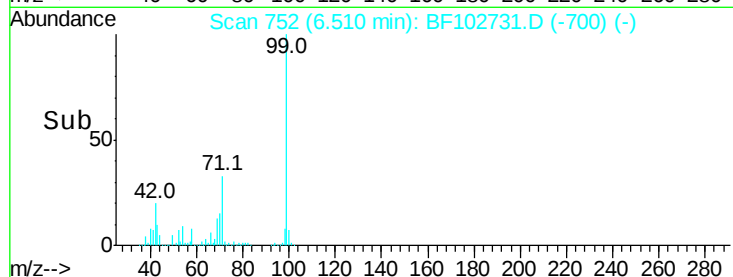
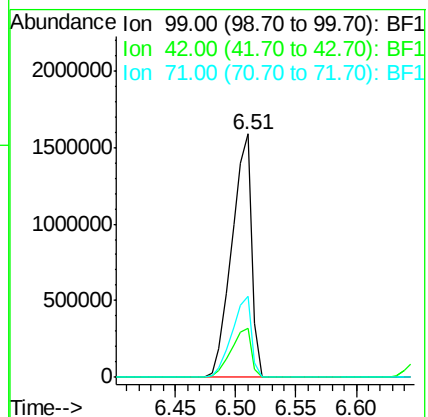
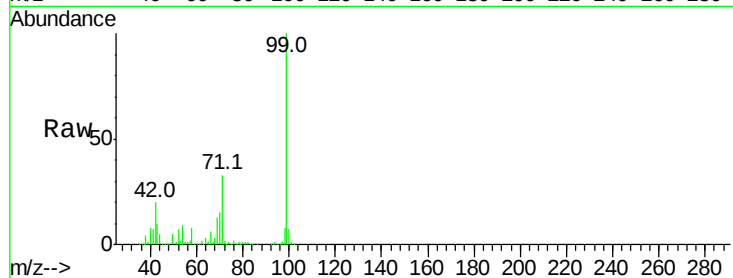
Tot Ion: 99 Resp: 1804758

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 33.0 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102731.D

Acq: 5 Feb 2018 11:58

Tgt Ion: 136 Resp: 906442

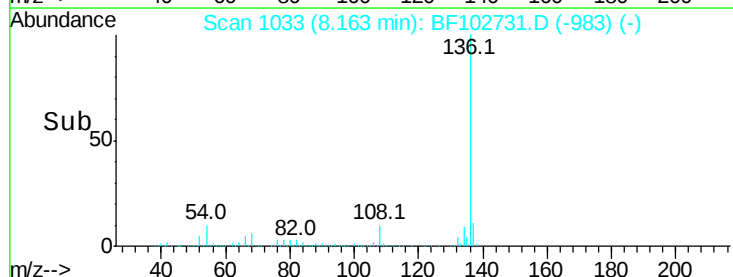
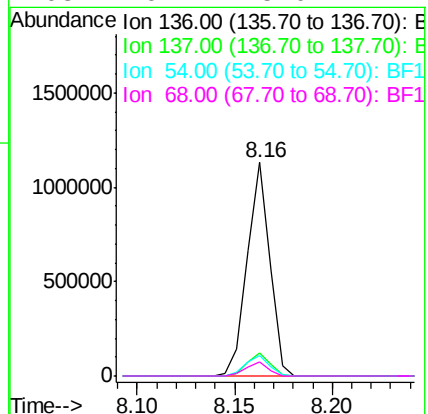
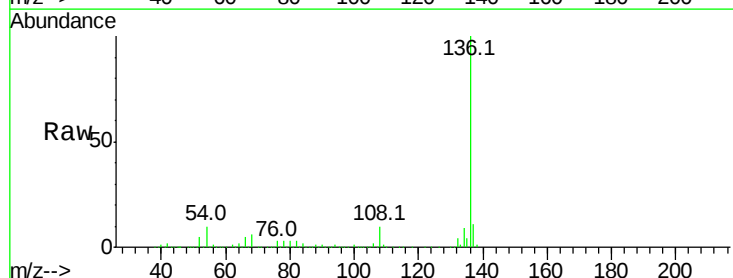
Ion Ratio Lower Upper

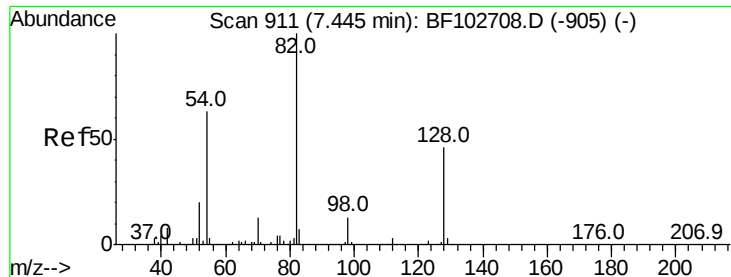
136 100

137 11.0 8.9 13.3

54 9.8 6.6 9.8

68 6.4 5.0 7.4

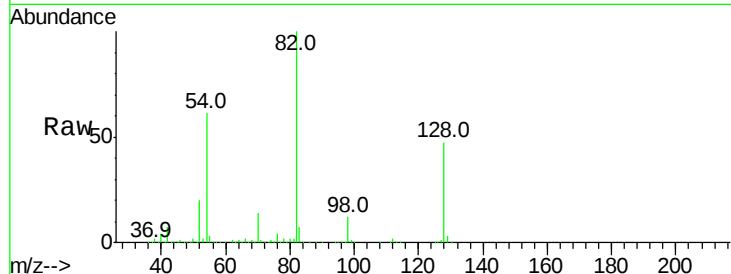




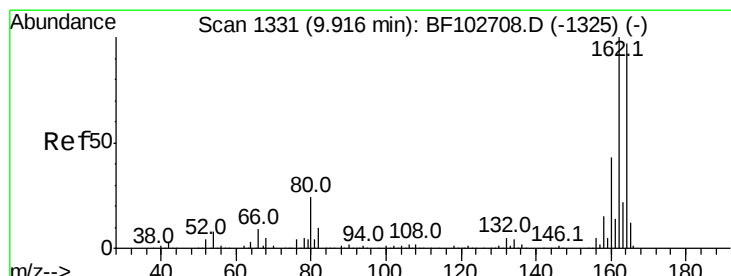
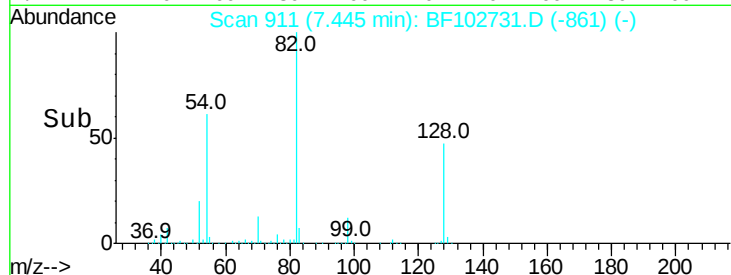
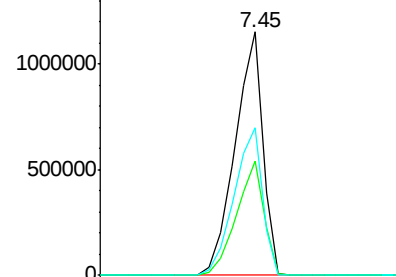
#23
Nitrobenzene-d5
Concen: 86.735 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :
B15

Tot Ion: 82 Resp: 1133340
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 60.8 41.4 62.2

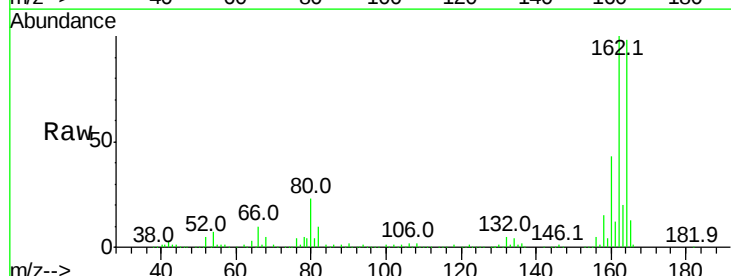


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

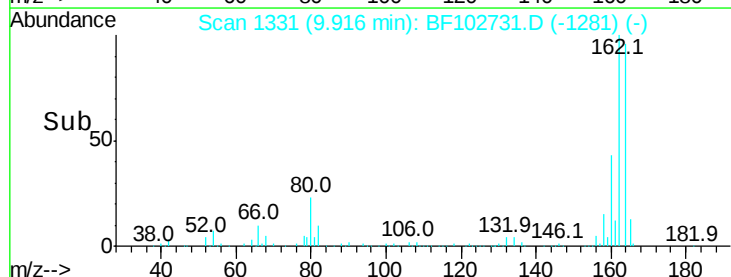
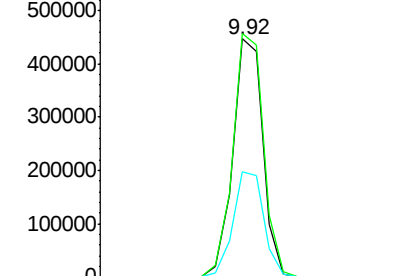


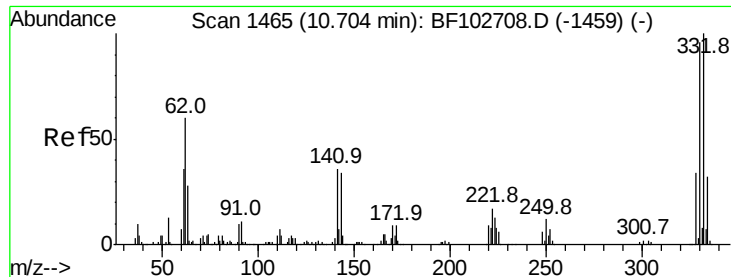
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Tgt Ion:164 Resp: 405942
Ion Ratio Lower Upper
164 100
162 102.1 86.1 129.1
160 44.2 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

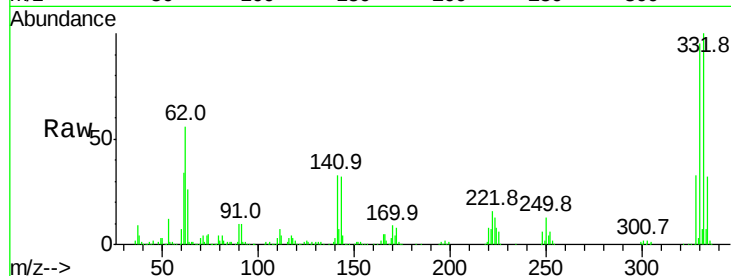




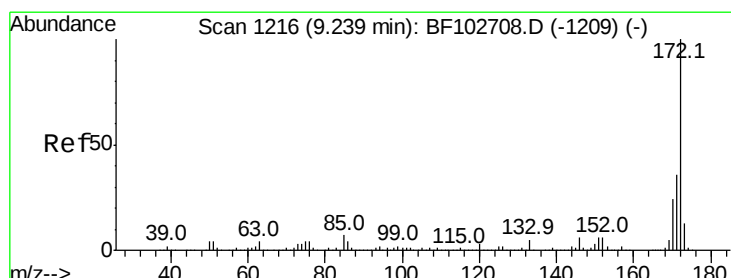
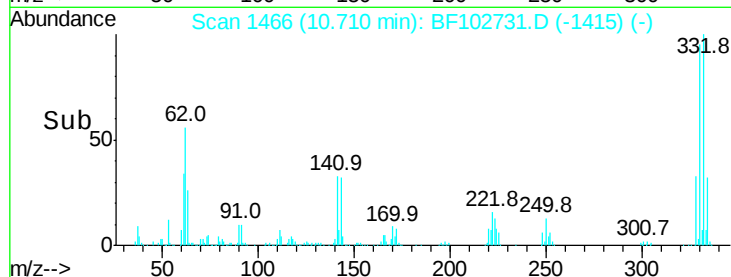
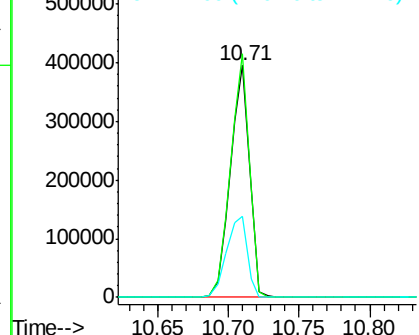
#41
 2,4,6-Tribromophenol
 Concen: 114.118 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102731.D
 Acq: 5 Feb 2018 11:58

Instrument :
 BNA_F
 ClientSampleId :
 B15

Tot Ion:330 Resp: 372864
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 37.9 29.9 44.9

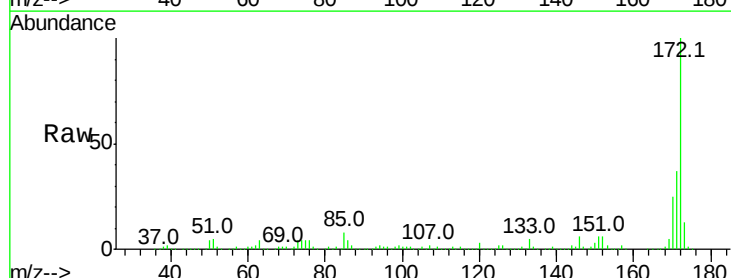


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

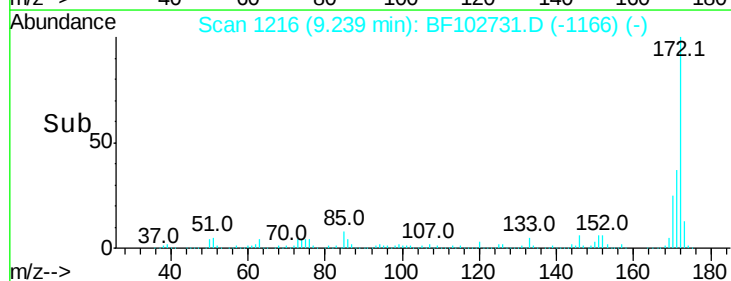
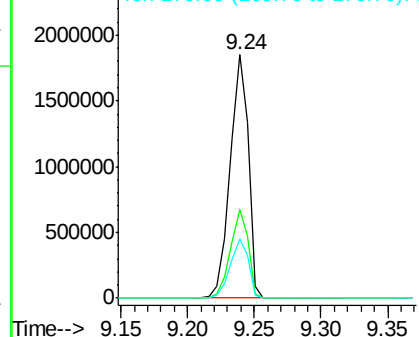


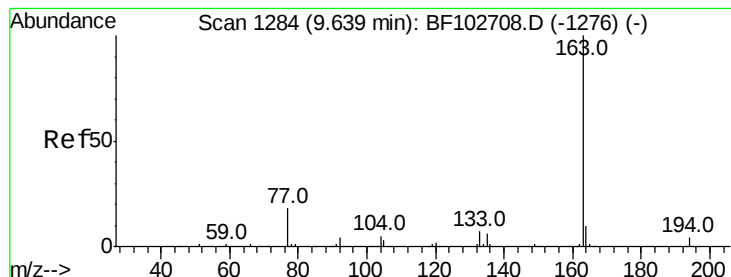
#44
 2-Fluorobiphenyl
 Concen: 73.106 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102731.D
 Acq: 5 Feb 2018 11:58

Tgt Ion:172 Resp: 1788464
 Ion Ratio Lower Upper
 172 100
 171 36.7 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





#49

Dimethylphthalate

Concen: 6.315 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102731.D

Acq: 5 Feb 2018 11:58

Instrument :

BNA_F

ClientSampleId :

B15

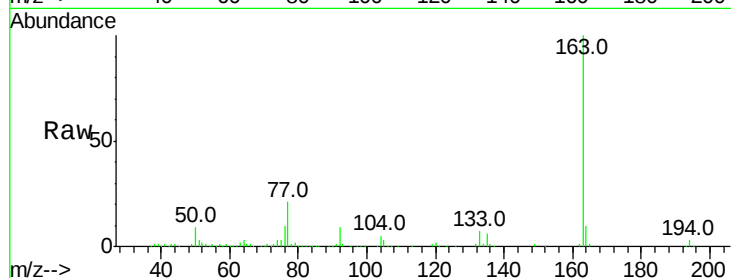
Tot Ion:163 Resp: 199869

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

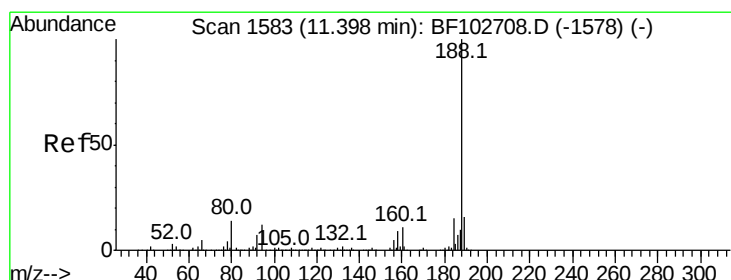
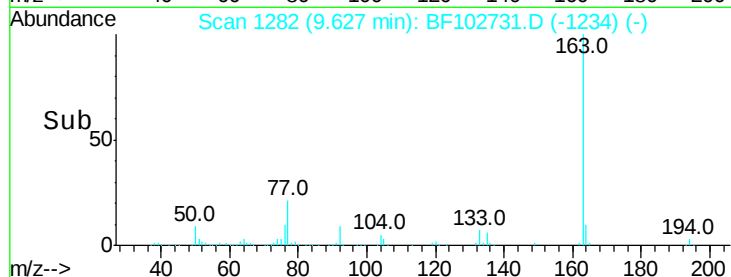
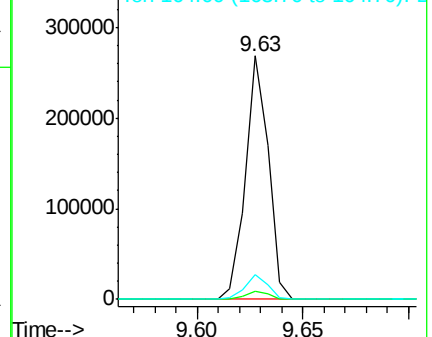
164 10.1 8.2 12.2



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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF102731.D

Acq: 5 Feb 2018 11:58

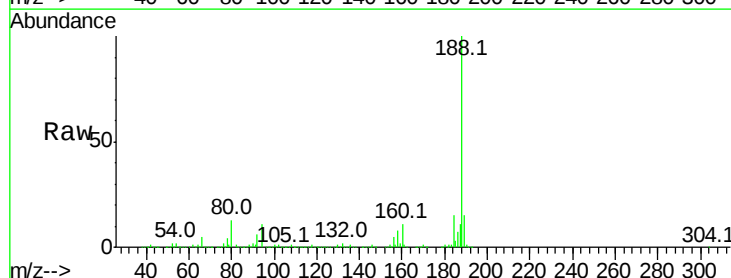
Tgt Ion:188 Resp: 648719

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

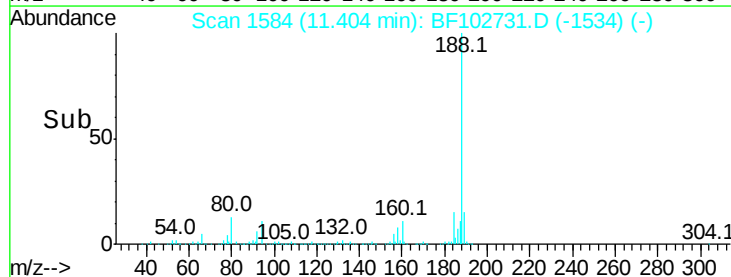
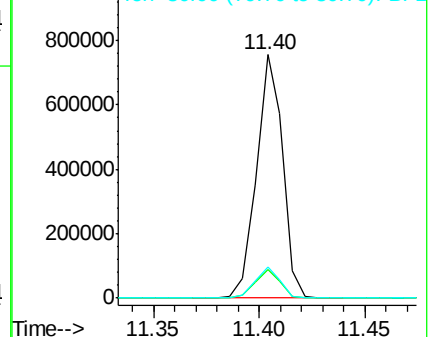
80 12.8 9.2 13.8

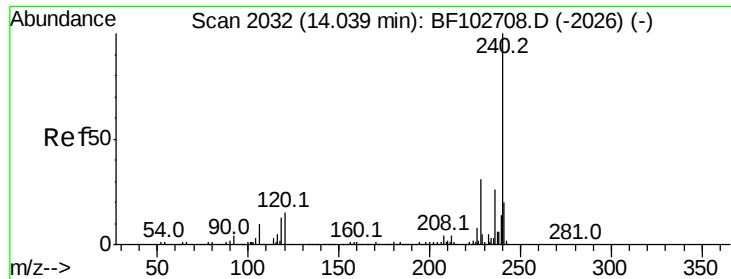


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102731.D

Acq: 5 Feb 2018 11:58

Instrument :

BNA_F

ClientSampleId :

B15

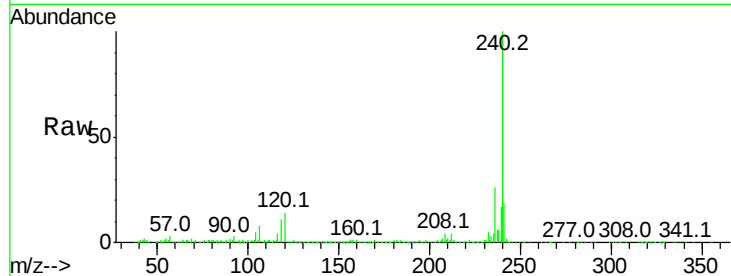
Tot Ion:240 Resp: 370540

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

236 25.6 20.7 31.1

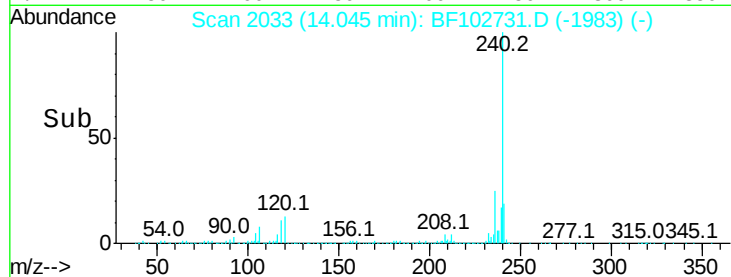


Abundance Ion 240.00 (239.70 to 240.70): E

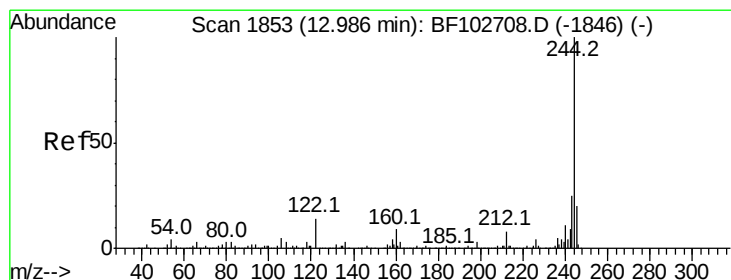
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

14.04



Time-->



#78

Terphenyl-d14

Concen: 85.569 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102731.D

Acq: 5 Feb 2018 11:58

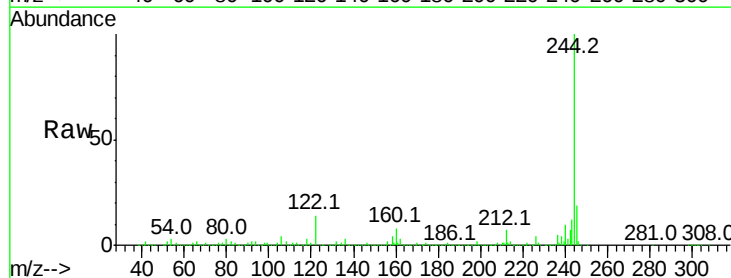
Tgt Ion:244 Resp: 1339102

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 13.9 11.0 16.4

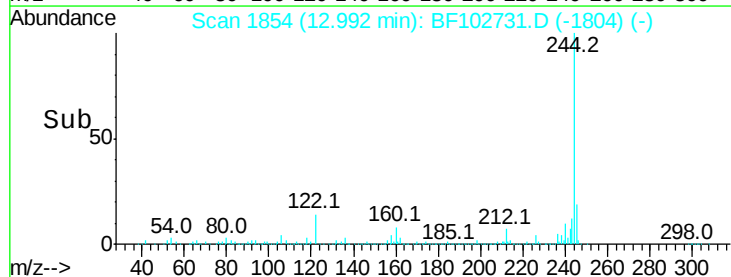


Abundance Ion 244.00 (243.70 to 244.70): E

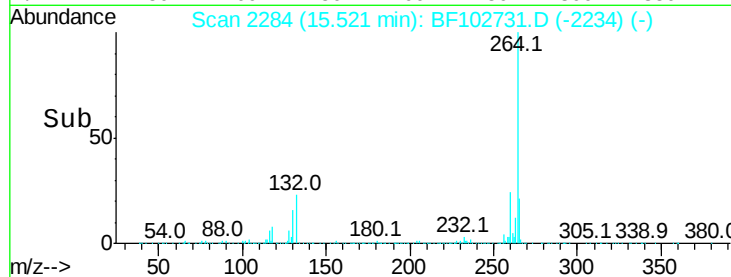
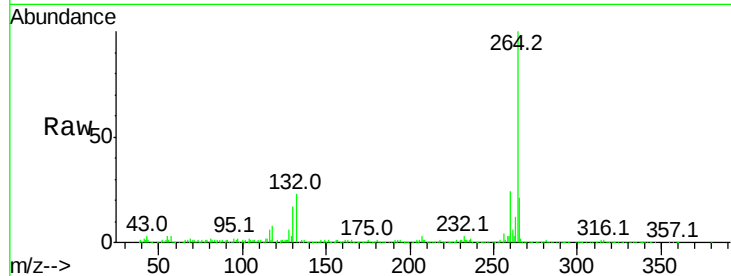
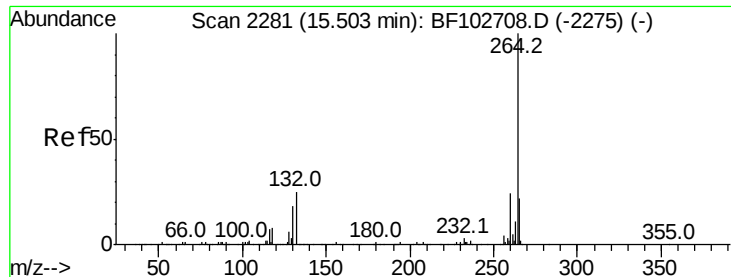
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.99



Time-->



#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102731.D
Acq: 5 Feb 2018 11:58

Instrument :
BNA_F
ClientSampleId :
B15

Tot Ion:	264	Resp:	372596
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.1	17.5	26.3

