

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102797.D
 Acq On : 6 Feb 2018 21:11
 Operator : SJ/JU
 Sample : PB106326TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106326TB

Quant Time: Feb 07 01:09:03 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	201552	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	812788	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	327631	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	459163	20.00	ng	0.00
75) Chrysene-d12	14.04	240	352247	20.00	ng	0.00
86) Perylene-d12	15.52	264	329196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1392016	104.89	ng	0.02
7) Phenol-d6	6.51	99	1617545	101.22	ng	0.00
23) Nitrobenzene-d5	7.45	82	991013	84.58	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	254728	96.60	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1714716	86.85	ng	0.00
78) Terphenyl-d14	12.99	244	1122172	75.43	ng	0.00

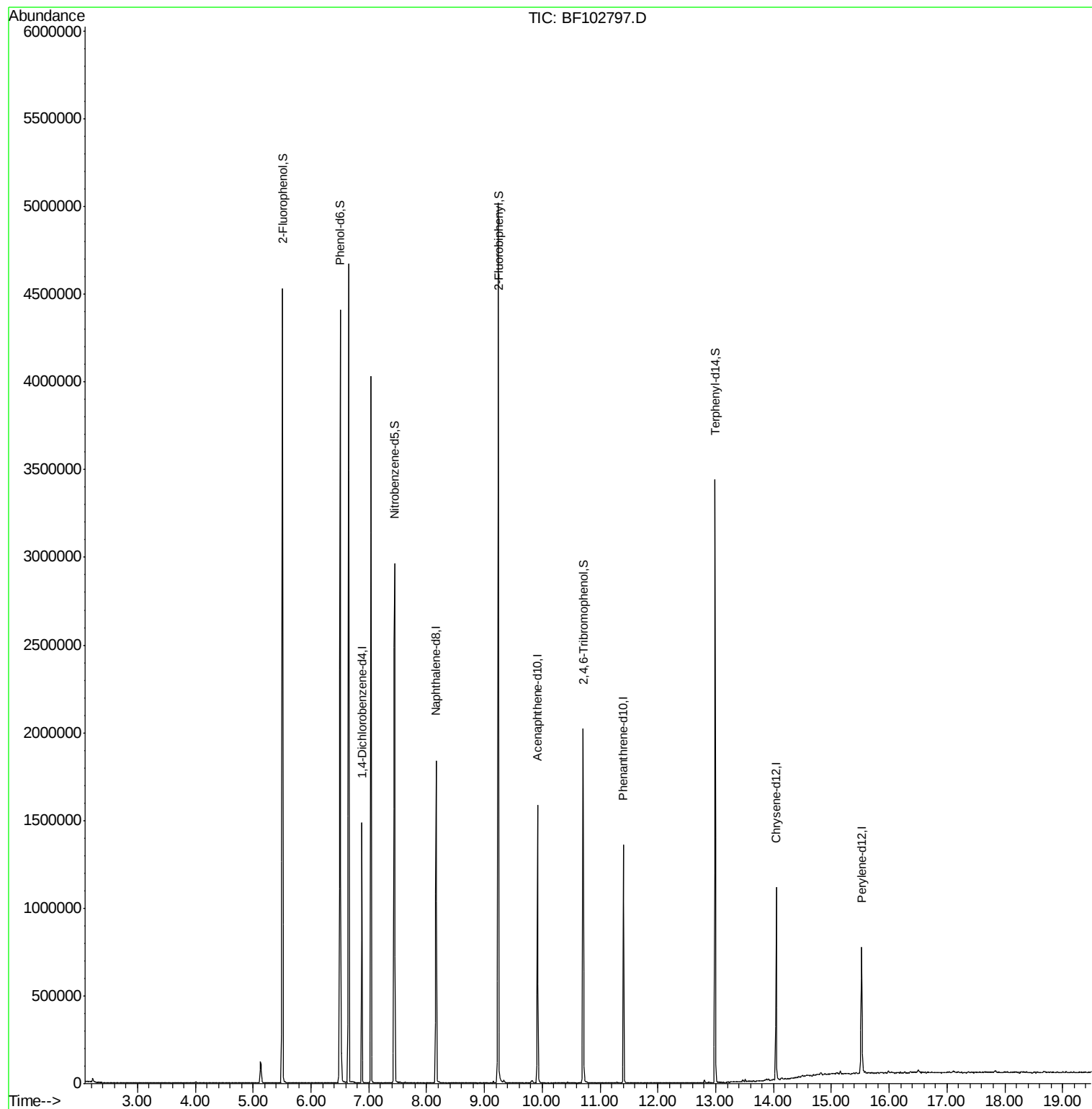
Target Compounds Qvalue

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

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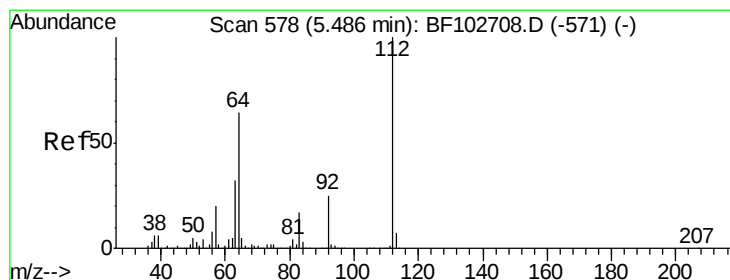
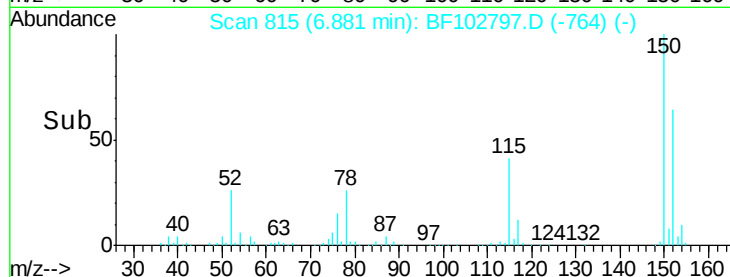
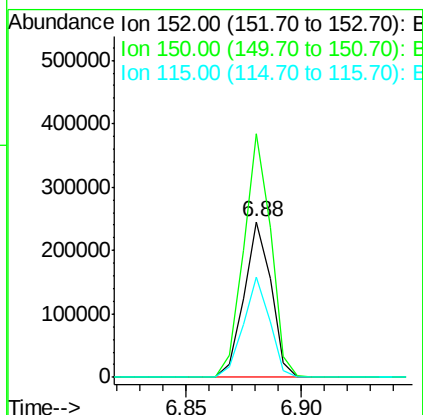
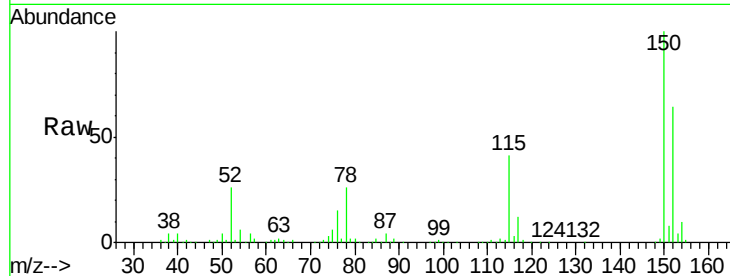


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102797.D
Acq: 6 Feb 2018 21:11

Instrument :
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ClientSampleId :
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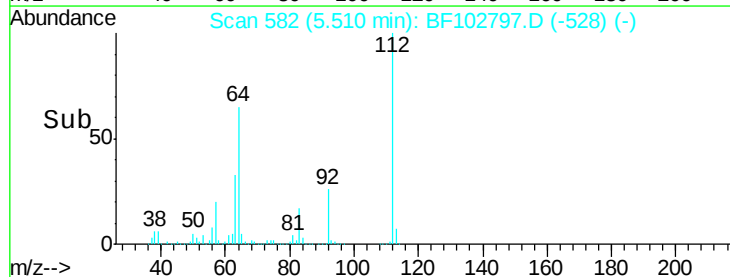
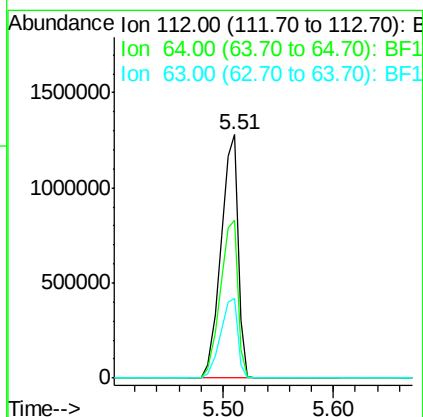
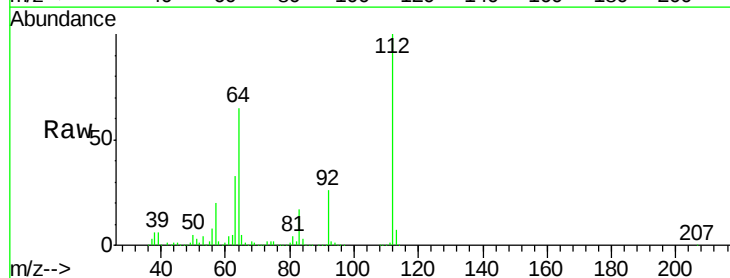
Tot Ion:152 Resp: 201552
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 64.3 50.1 75.1



#5

2-Fluorophenol
Concen: 104.887 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102797.D
Acq: 6 Feb 2018 21:11

Tgt Ion:112 Resp: 1392016
Ion Ratio Lower Upper
112 100
64 64.6 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 101.223 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102797.D

Acq: 6 Feb 2018 21:11

Instrument :

BNA_F

ClientSampleId :

PB106326TB

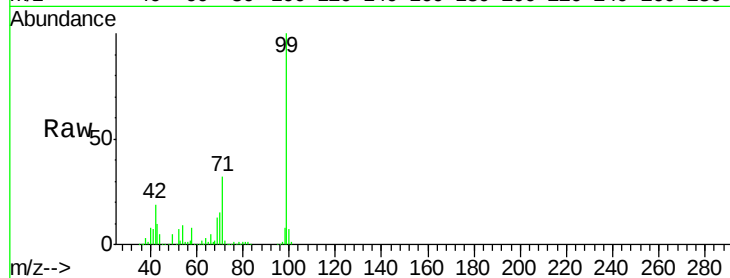
Tot Ion: 99 Resp: 1617545

Ion Ratio Lower Upper

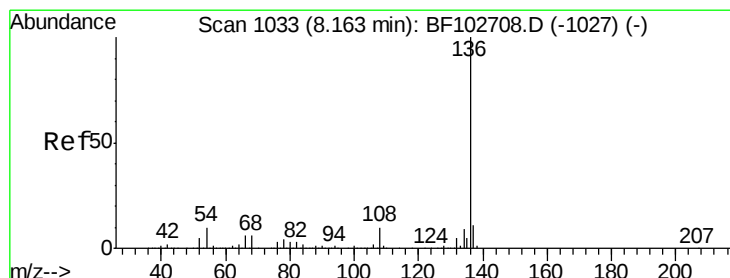
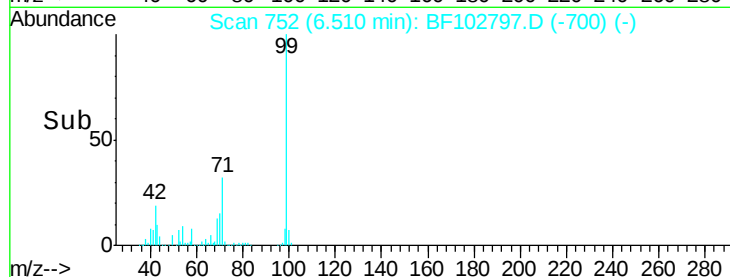
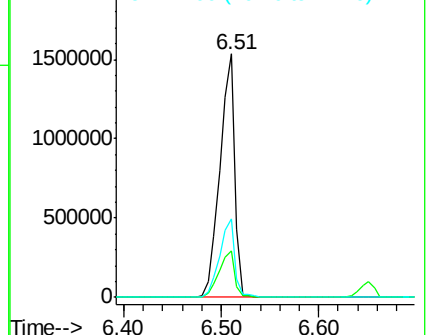
99 100

42 19.3 14.5 21.7

71 32.4 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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102797.D

Acq: 6 Feb 2018 21:11

Tgt Ion: 136 Resp: 812788

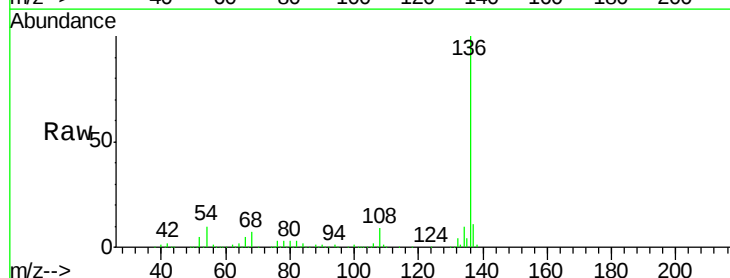
Ion Ratio Lower Upper

136 100

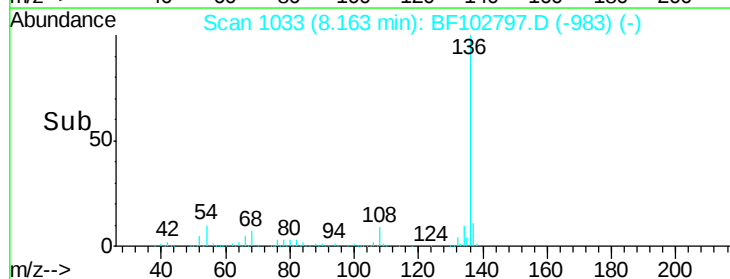
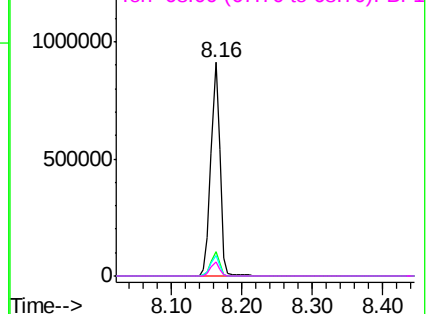
137 11.4 8.9 13.3

54 9.7 6.6 9.8

68 6.5 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

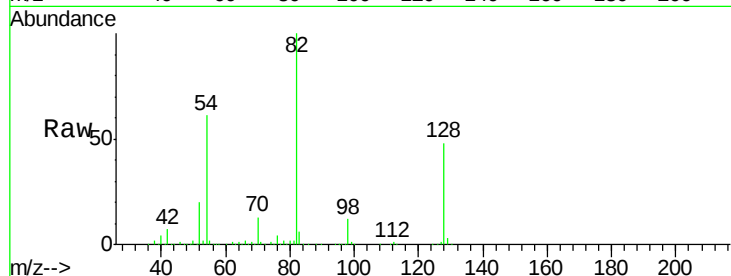




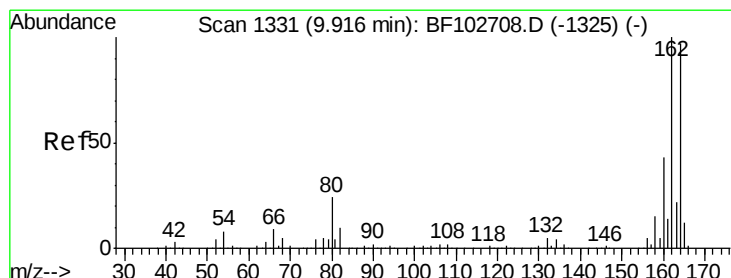
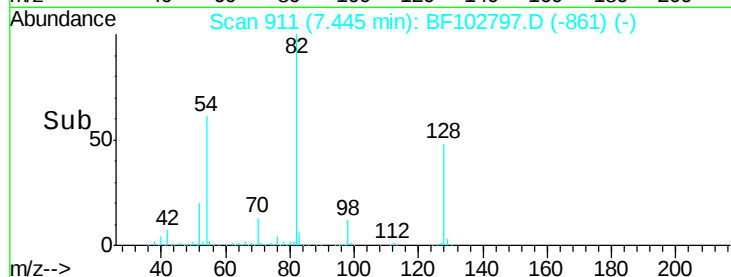
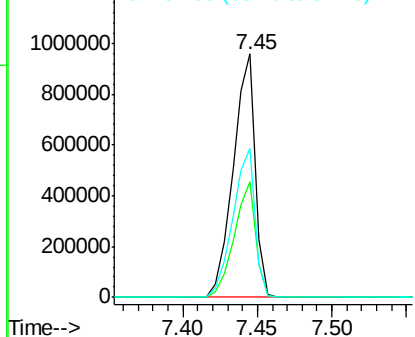
#23
Nitrobenzene-d5
Concen: 84.582 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102797.D
Acq: 6 Feb 2018 21:11

Instrument :
BNA_F
ClientSampleId :
PB106326TB

Tot Ion: 82 Resp: 991013
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 61.2 41.4 62.2

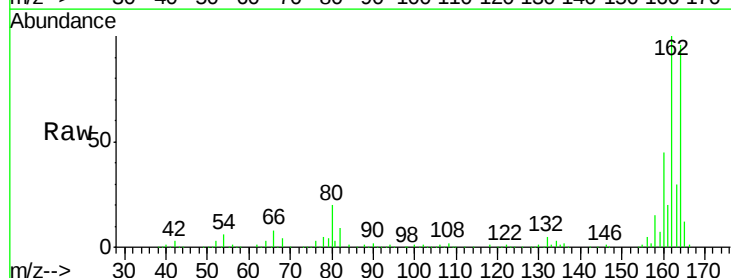


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

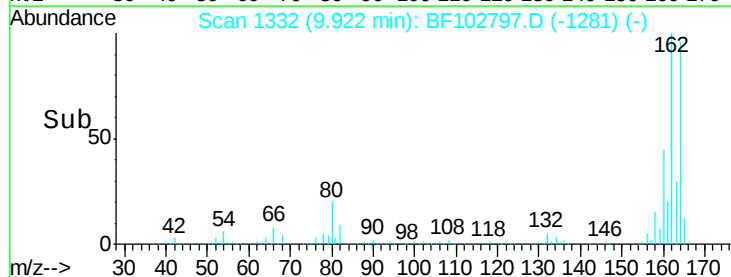
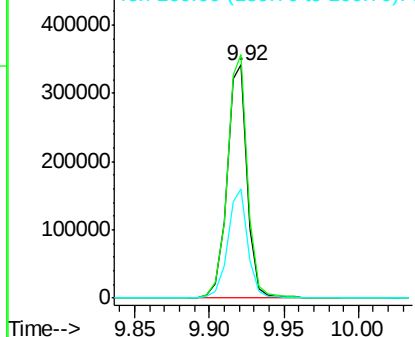


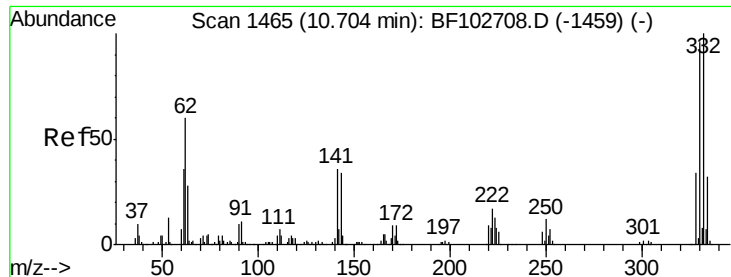
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102797.D
Acq: 6 Feb 2018 21:11

Tgt Ion:164 Resp: 327631
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 46.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 96.596 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF102797.D

Acq: 6 Feb 2018 21:11

Instrument :

BNA_F

ClientSampleId :

PB106326TB

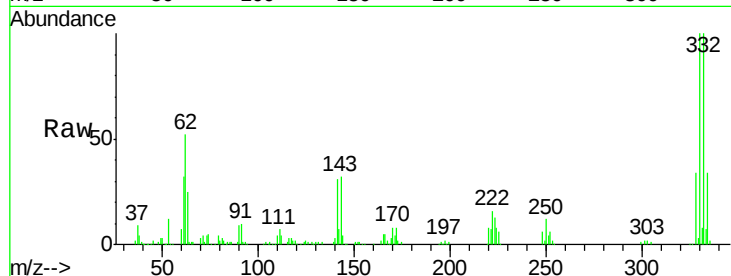
Tot Ion:330 Resp: 254728

Ion Ratio Lower Upper

330 100

332 101.5 77.0 115.6

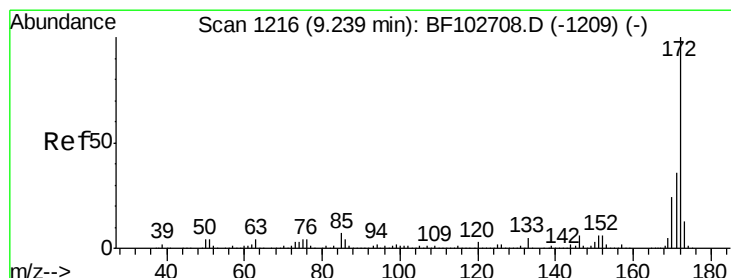
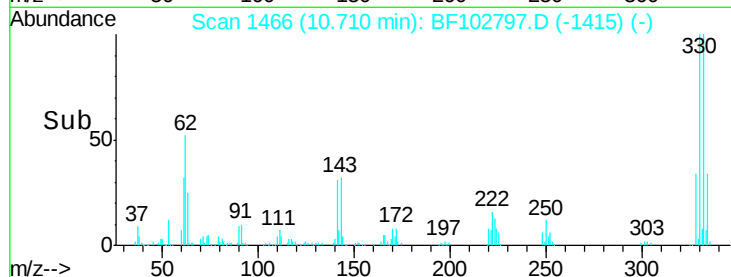
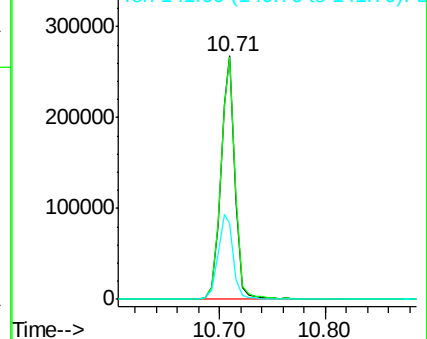
141 37.8 29.9 44.9



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: 86.845 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102797.D

Acq: 6 Feb 2018 21:11

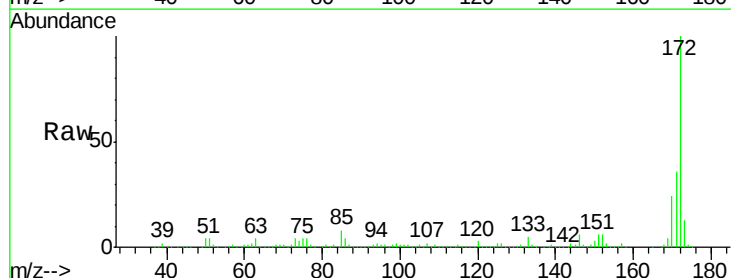
Tgt Ion:172 Resp: 1714716

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

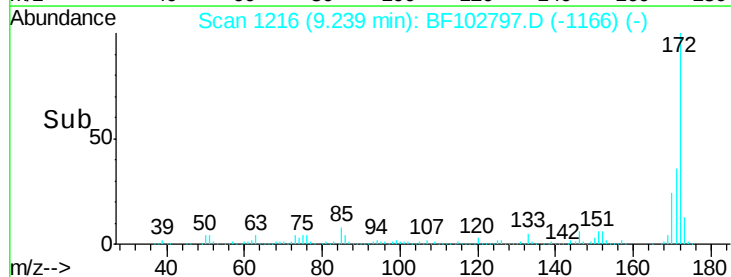
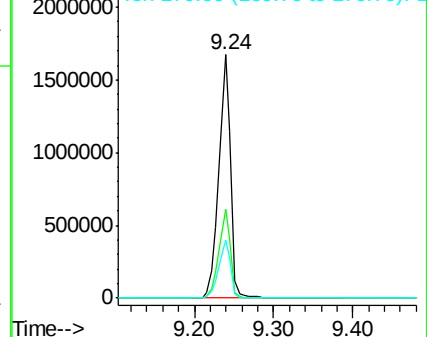
170 23.8 19.6 29.4

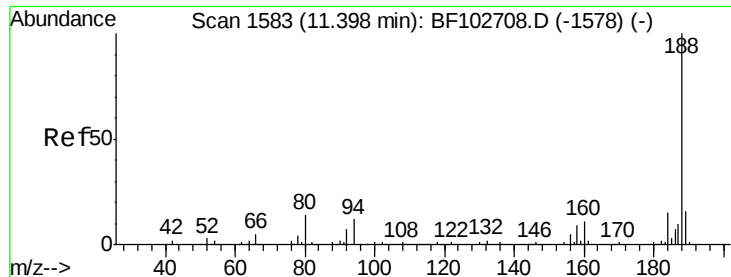


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

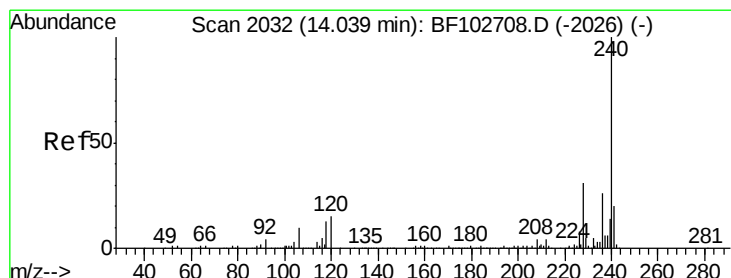
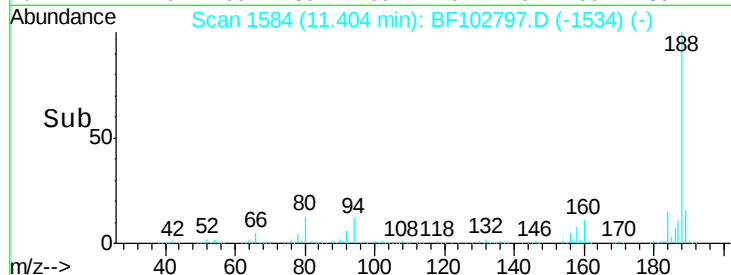
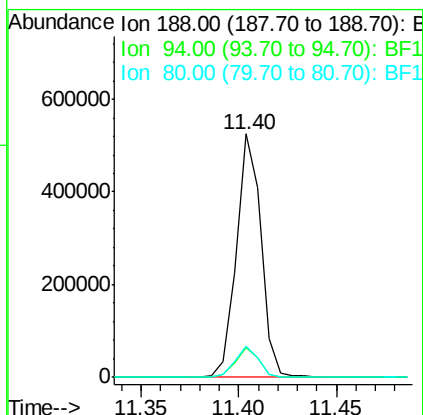
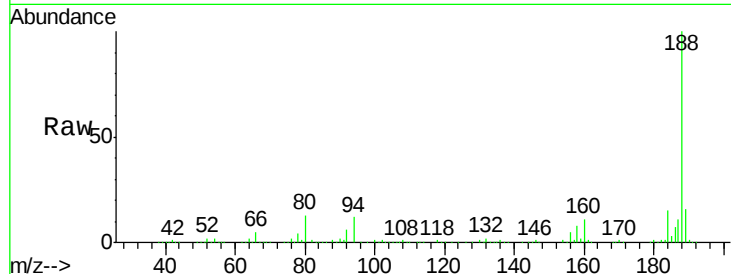




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102797.D
Acq: 6 Feb 2018 21:11

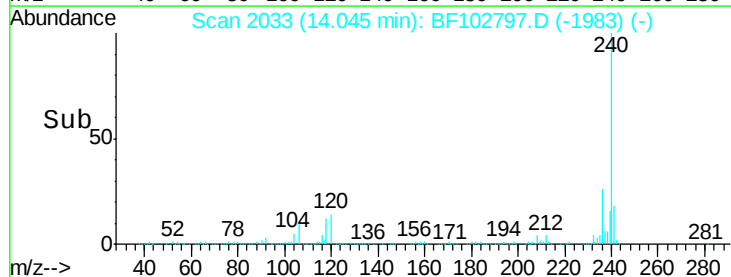
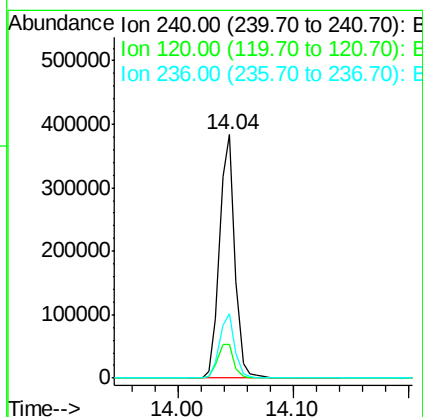
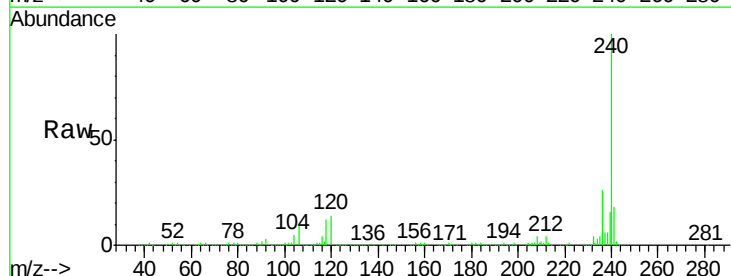
Instrument :
BNA_F
ClientSampleId :
PB106326TB

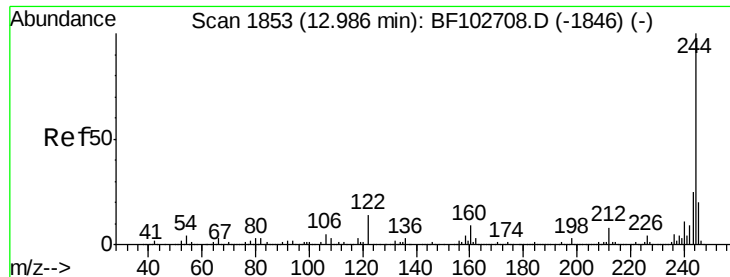
Tot Ion:188 Resp: 459163
Ion Ratio Lower Upper
188 100
94 12.0 8.5 12.7
80 13.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102797.D
Acq: 6 Feb 2018 21:11

Tgt Ion:240 Resp: 352247
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.4 20.7 31.1





#78

Terphenyl-d14

Concen: 75.431 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102797.D

Acq: 6 Feb 2018 21:11

Instrument :

BNA_F

ClientSampleId :

PB106326TB

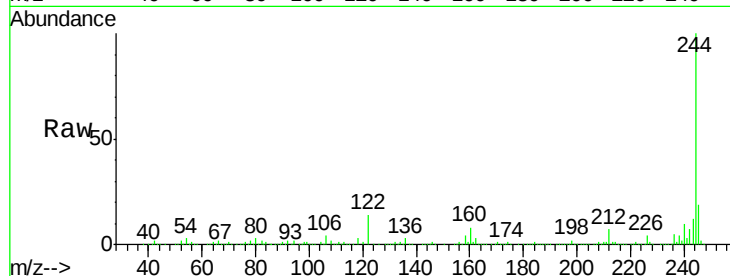
Tot Ion:244 Resp: 1122172

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

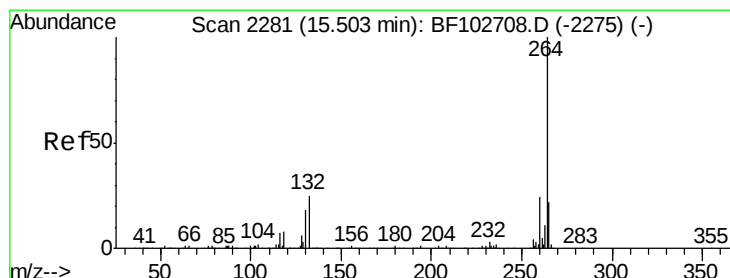
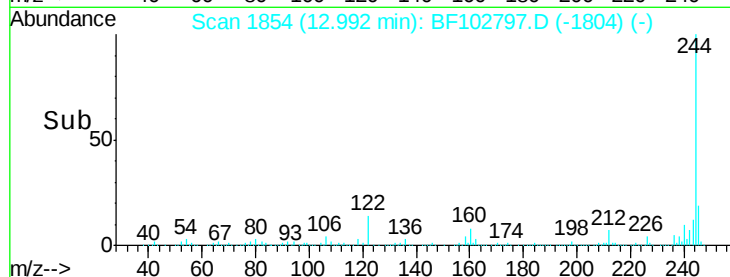
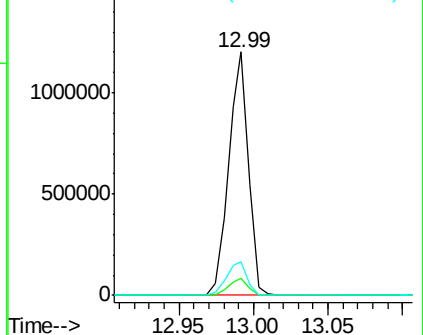
122 13.7 11.0 16.4



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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102797.D

Acq: 6 Feb 2018 21:11

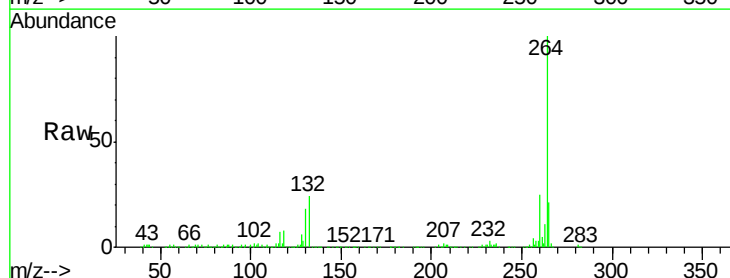
Tgt Ion:264 Resp: 329196

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.4 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

