

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102820.D
 Acq On : 7 Feb 2018 18:04
 Operator : SJ/JU
 Sample : PB106347BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106347BL

Quant Time: Feb 08 02:44:50 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	178582	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	751650	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	346376	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	619648	20.00	ng	0.00
75) Chrysene-d12	14.04	240	514152	20.00	ng	0.00
86) Perylene-d12	15.52	264	447657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1387239	117.97	ng	0.01
7) Phenol-d6	6.51	99	1619970	114.41	ng	0.00
23) Nitrobenzene-d5	7.44	82	1047289	96.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	365220	131.00	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1745501	83.62	ng	0.00
78) Terphenyl-d14	12.99	244	1690201	77.84	ng	0.00

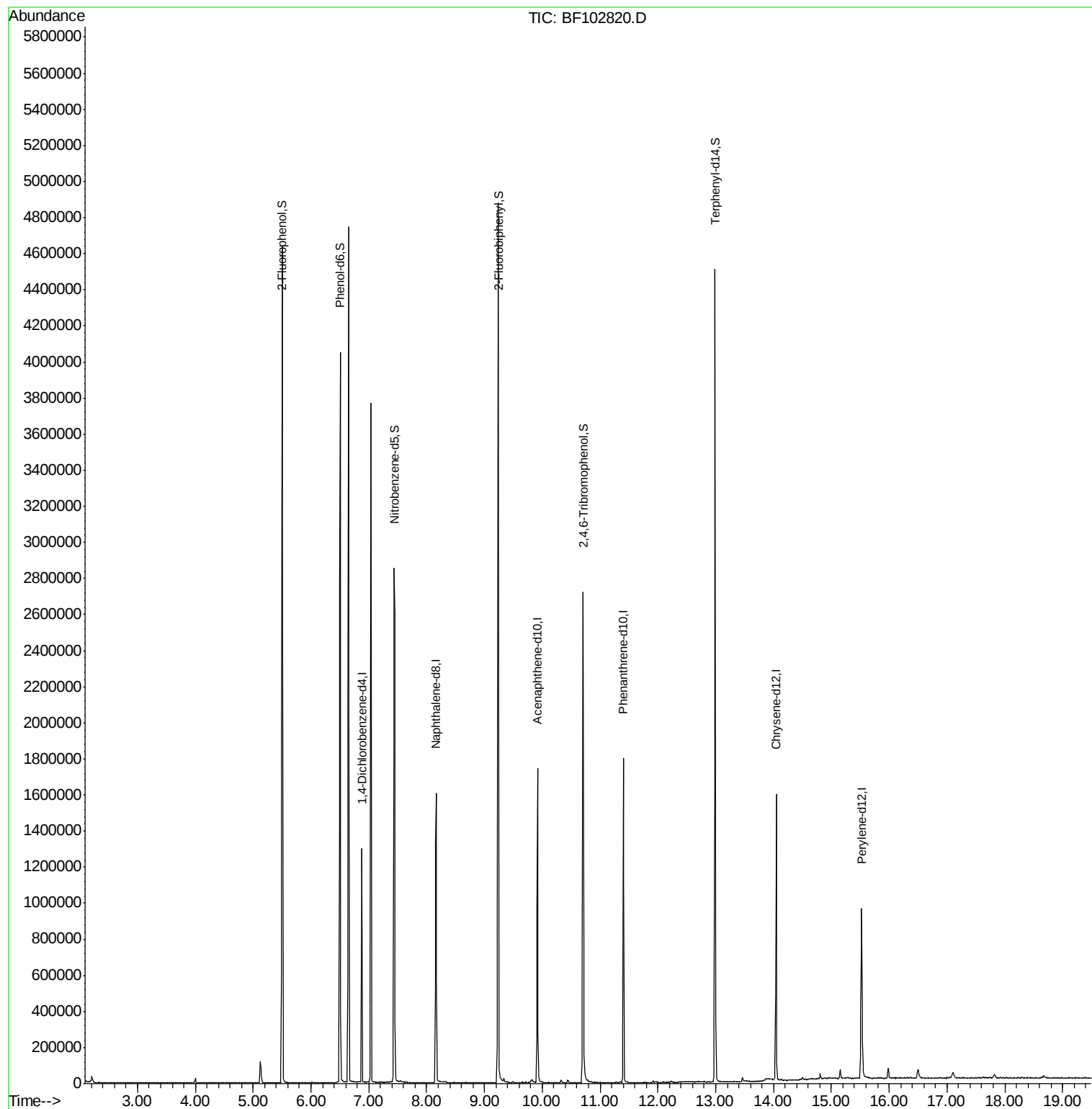
Target Compounds Qvalue

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

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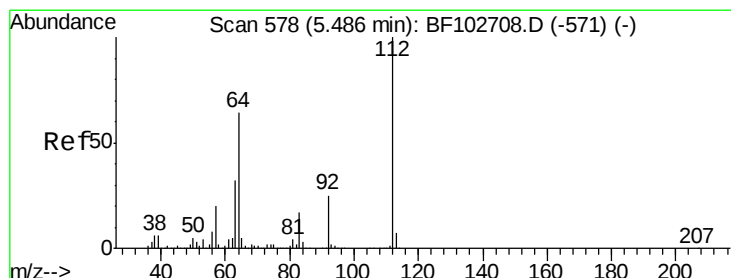
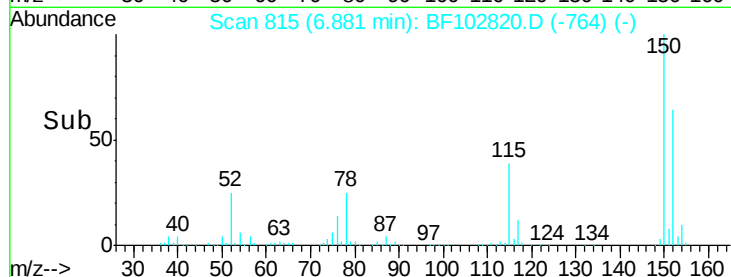
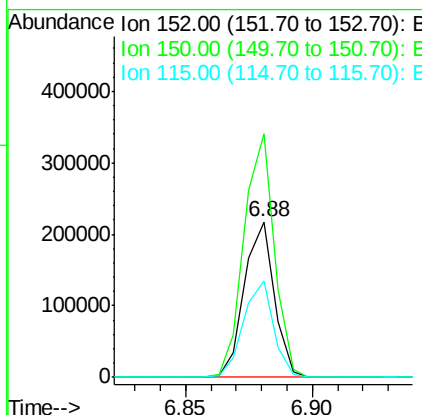
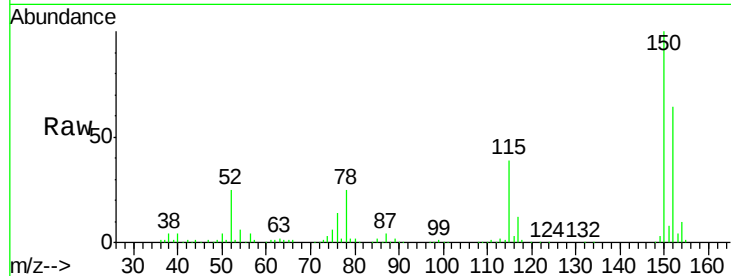


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102820.D
Acq: 7 Feb 2018 18:04

Instrument :
BNA_F
ClientSampleId :
PB106347BL

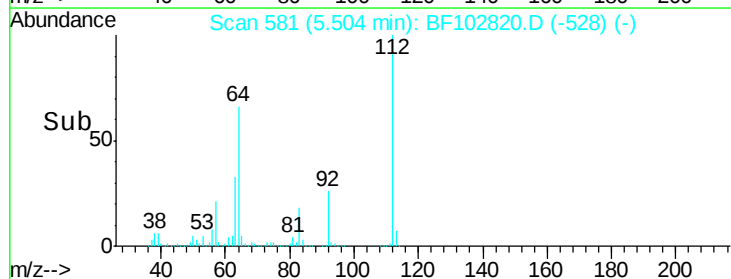
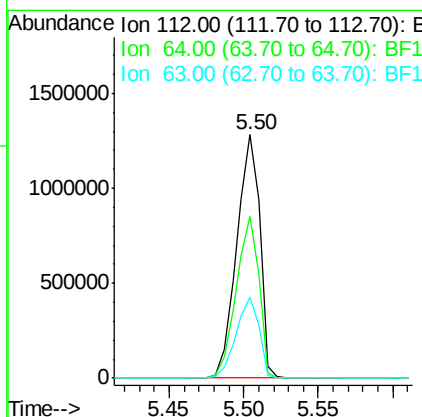
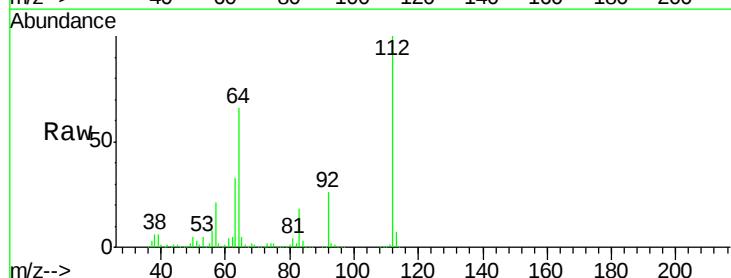
Tot Ion:152 Resp: 178582
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 61.7 50.1 75.1



#5

2-Fluorophenol
Concen: 117.971 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102820.D
Acq: 7 Feb 2018 18:04

Tgt Ion:112 Resp: 1387239
Ion Ratio Lower Upper
112 100
64 66.3 47.9 71.9
63 33.5 23.7 35.5





#7

Phenol-d6

Concen: 114.414 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102820.D

Acq: 7 Feb 2018 18:04

Instrument :

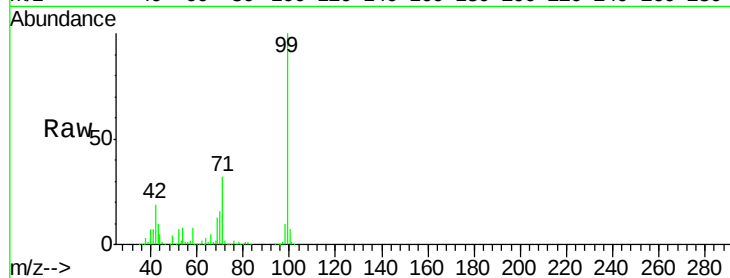
BNA_F

ClientSampleId :

PB106347BL

Tot Ion: 99 Resp: 1619970

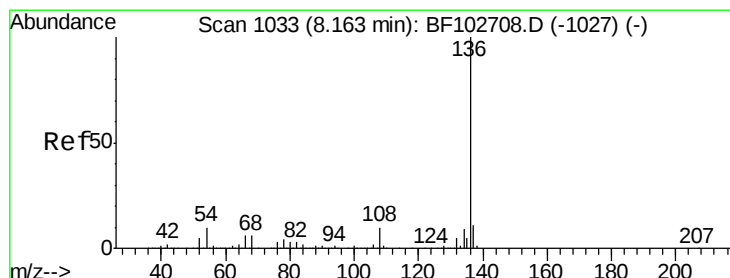
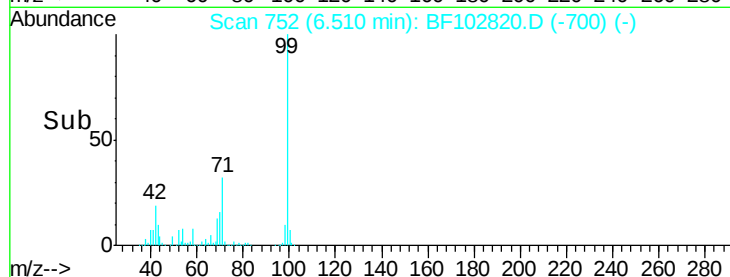
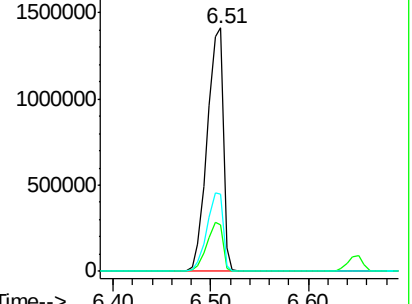
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	31.9	25.4	38.0



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

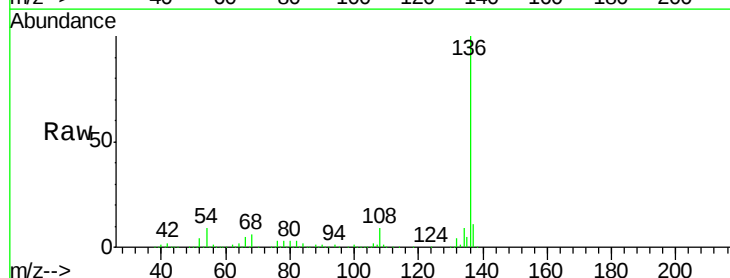
Delta R.T. -0.01 min

Lab File: BF102820.D

Acq: 7 Feb 2018 18:04

Tgt Ion: 136 Resp: 751650

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	5.9	5.0	7.4

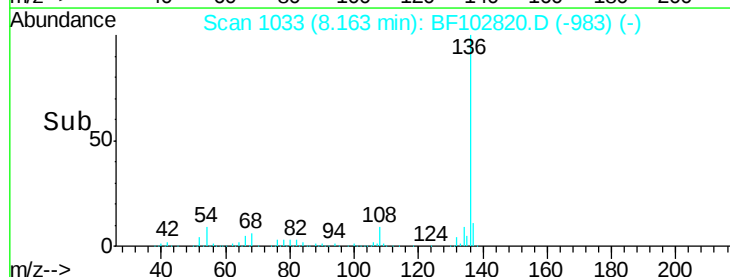
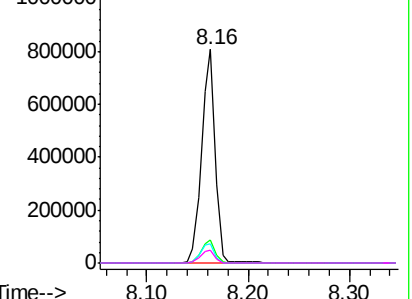


Abundance Ion 136.00 (135.70 to 136.70): E

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

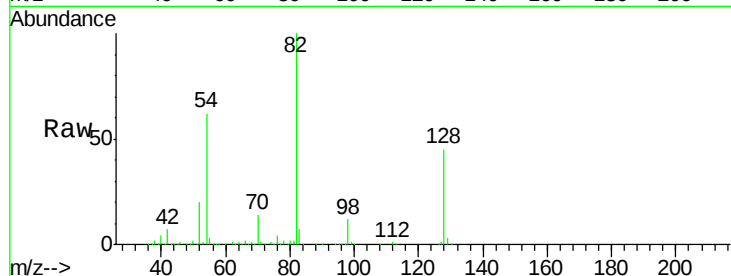




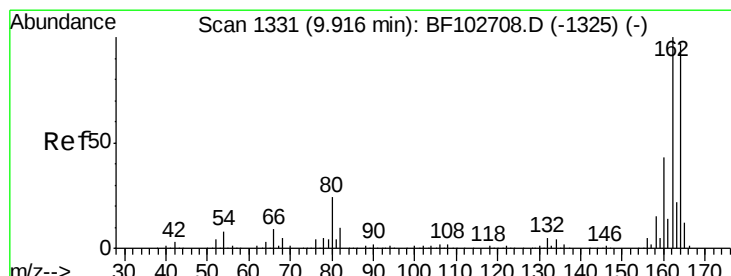
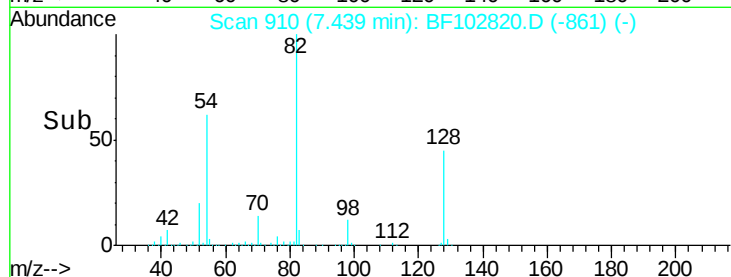
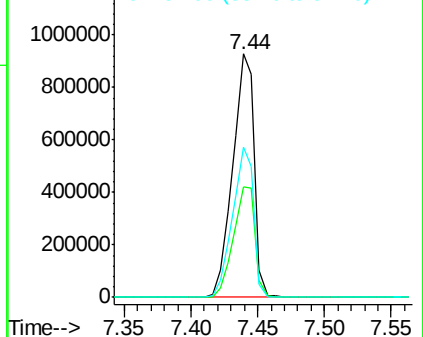
#23
Nitrobenzene-d5
Concen: 96.655 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102820.D
Acq: 7 Feb 2018 18:04

Instrument :
BNA_F
ClientSampleId :
PB106347BL

Tot Ion: 82 Resp: 1047289
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 61.6 41.4 62.2

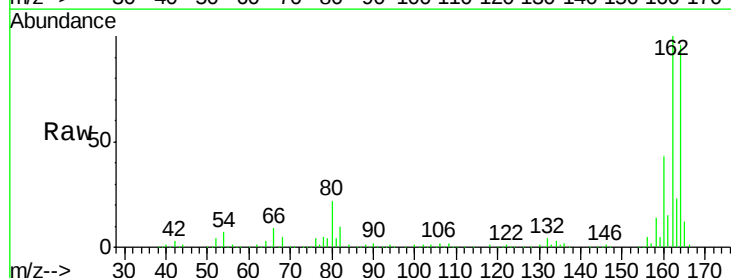


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

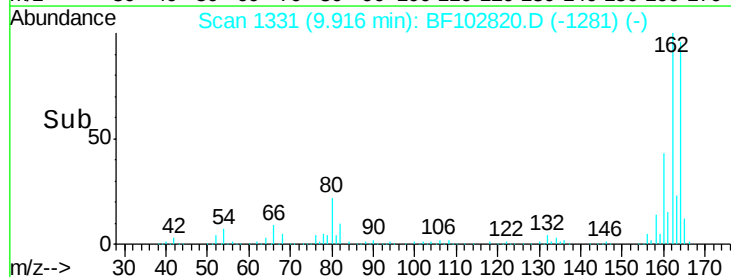
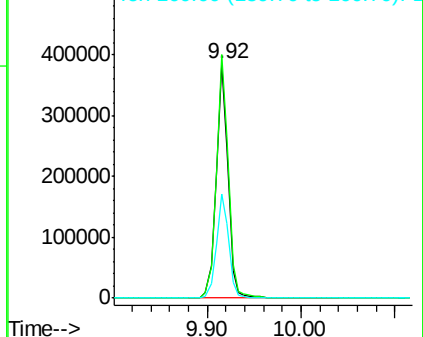


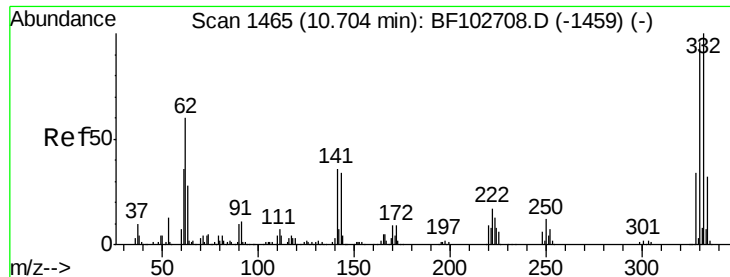
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102820.D
Acq: 7 Feb 2018 18:04

Tgt Ion: 164 Resp: 346376
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 44.7 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

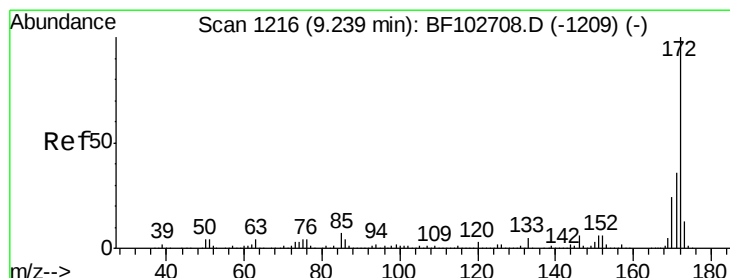
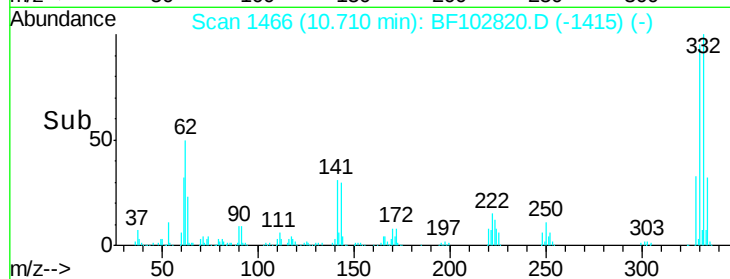
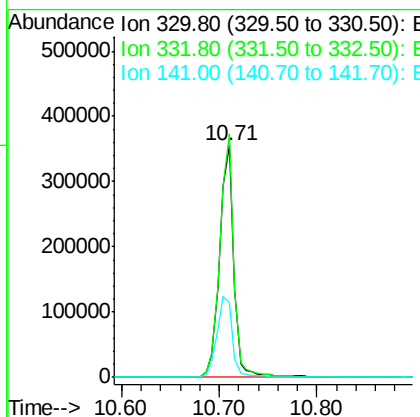
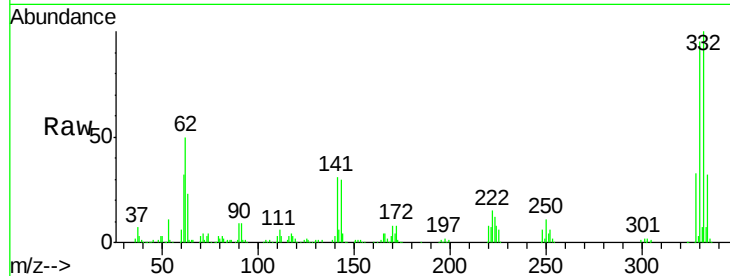




#41
 2,4,6-Tribromophenol
 Concen: 131.001 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102820.D
 Acq: 7 Feb 2018 18:04

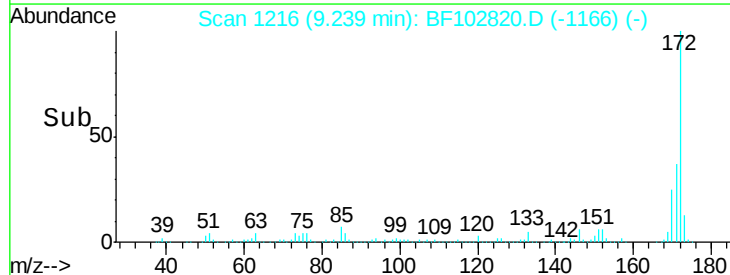
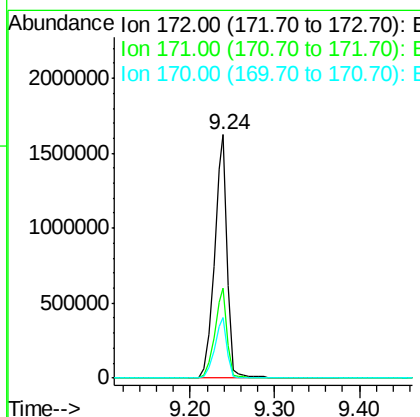
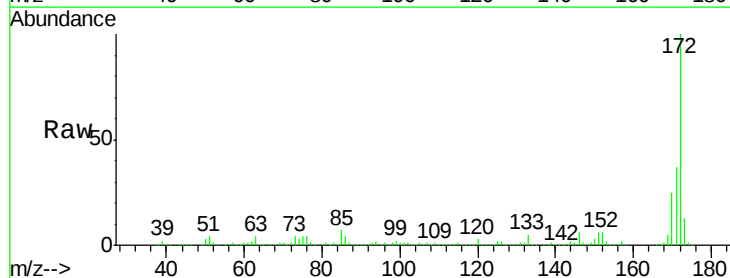
Instrument :
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 ClientSampleId :
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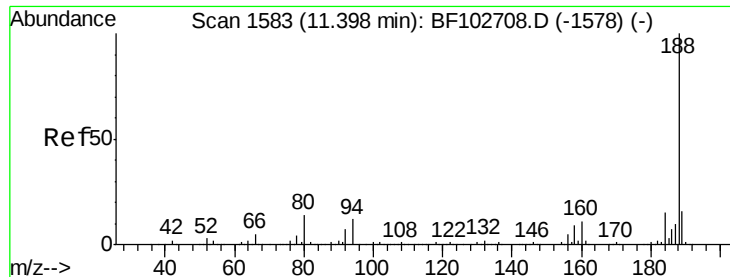
Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	38.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 83.620 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102820.D
 Acq: 7 Feb 2018 18:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.7	19.6	29.4

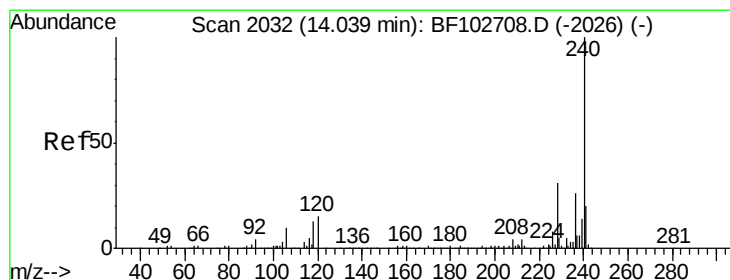
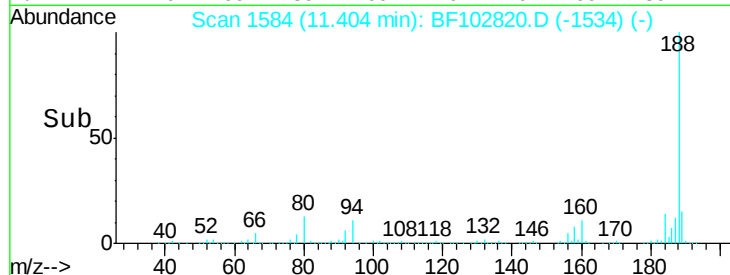
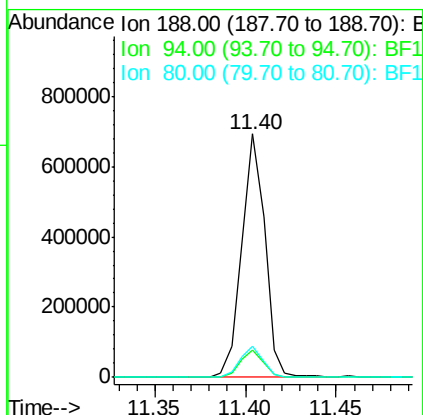
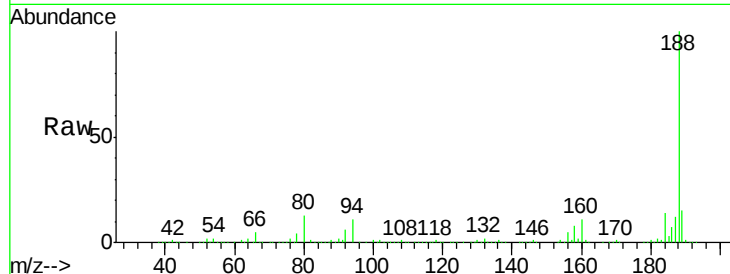




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF102820.D
Acq: 7 Feb 2018 18:04

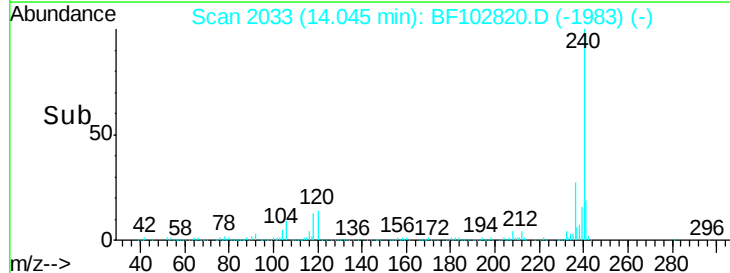
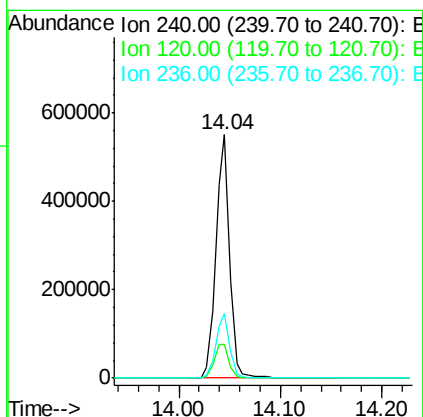
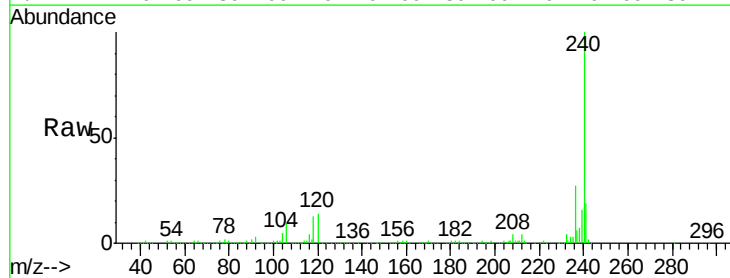
Instrument :
BNA_F
ClientSampleId :
PB106347BL

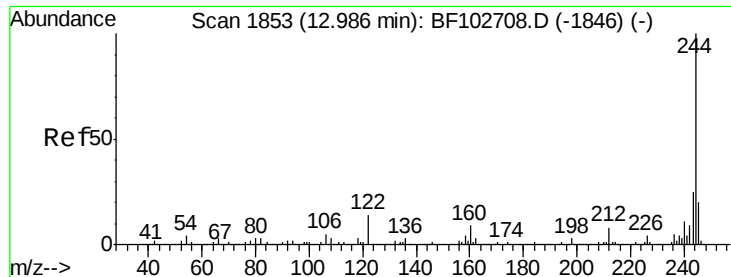
Tot Ion:188 Resp: 619648
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF102820.D
Acq: 7 Feb 2018 18:04

Tgt Ion:240 Resp: 514152
Ion Ratio Lower Upper
240 100
120 14.1 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 77.837 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102820.D

Acq: 7 Feb 2018 18:04

Instrument :

BNA_F

ClientSampleId :

PB106347BL

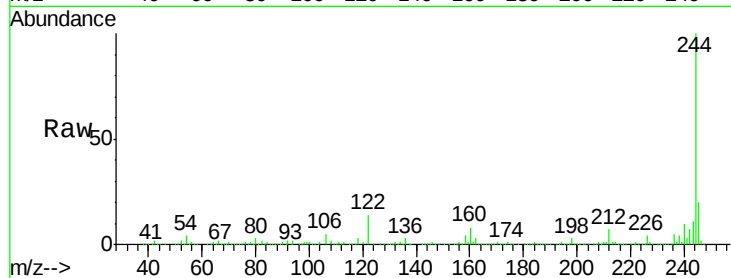
Tot Ion:244 Resp: 1690201

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

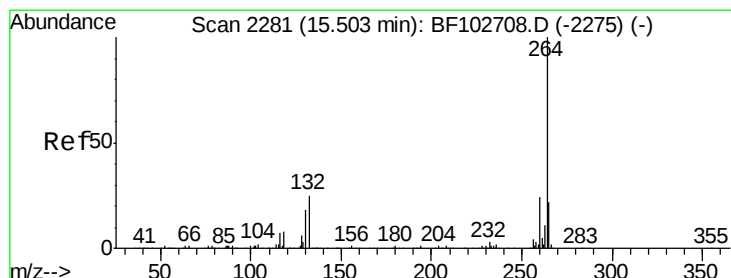
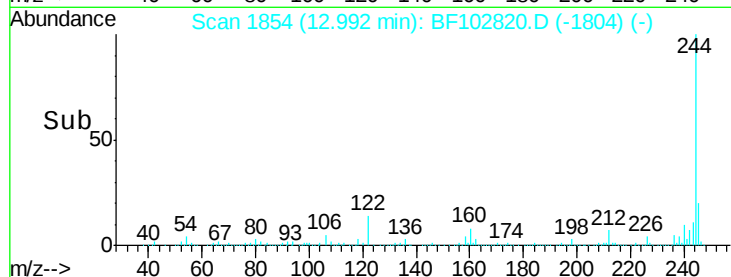
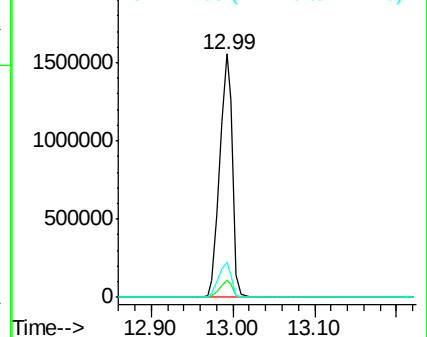
122 14.2 11.0 16.4



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: BF102820.D

Acq: 7 Feb 2018 18:04

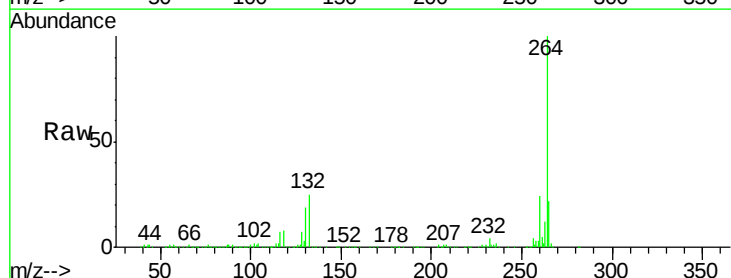
Tgt Ion:264 Resp: 447657

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.9 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

