

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103072.D
Acq On : 19 Feb 2018 10:46
Operator : SJ/JU
Sample : J1402-06RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Quant Time: Feb 19 11:24:22 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	176457	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742840	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	336263	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	572395	20.00	ng	0.00
75) Chrysene-d12	14.05	240	370972	20.00	ng	0.00
86) Perylene-d12	15.54	264	309337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1017832	87.60	ng	0.02
7) Phenol-d6	6.51	99	1115192	79.71	ng	0.00
23) Nitrobenzene-d5	7.44	82	848646	79.25	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	275470	101.78	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1407745	69.47	ng	0.00
78) Terphenyl-d14	12.99	244	1212326	77.38	ng	0.00

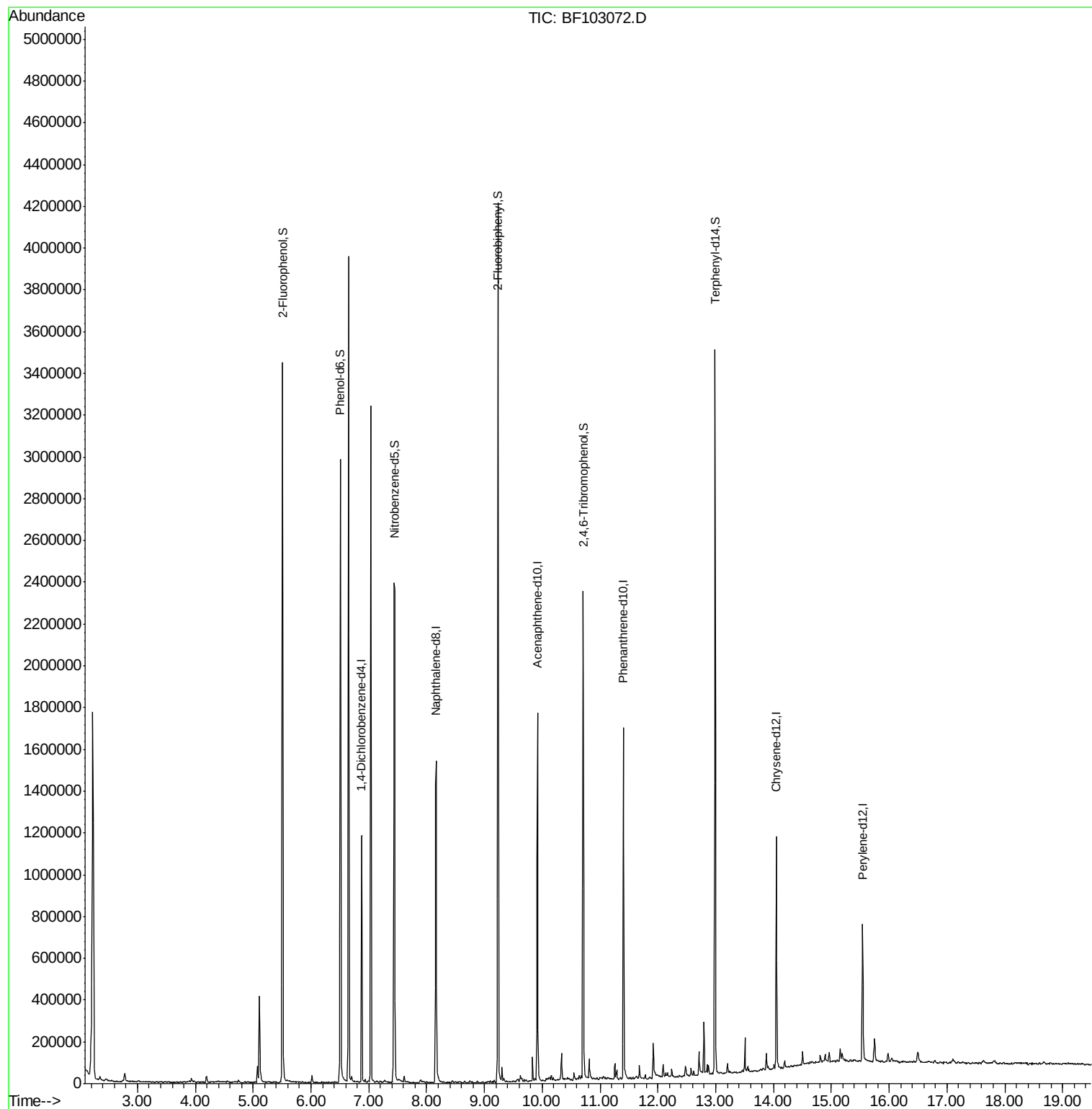
Target Compounds	Qvalue
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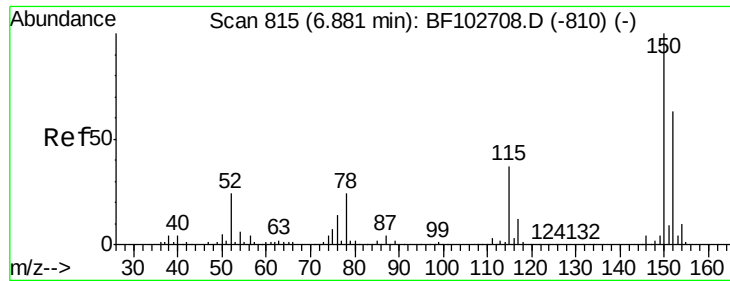
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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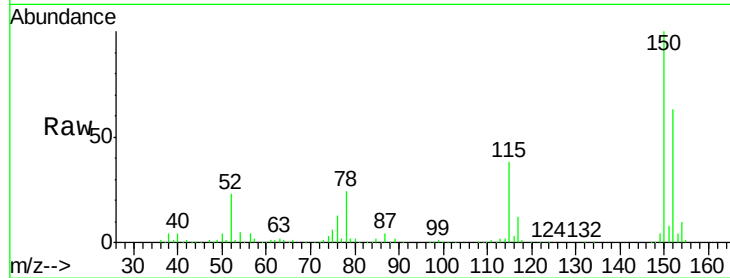


#1

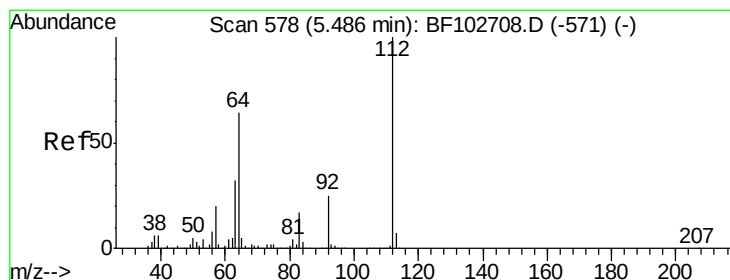
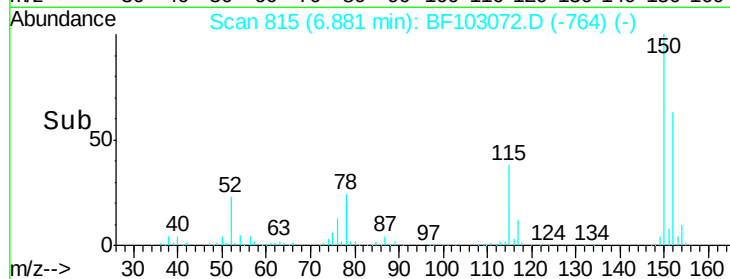
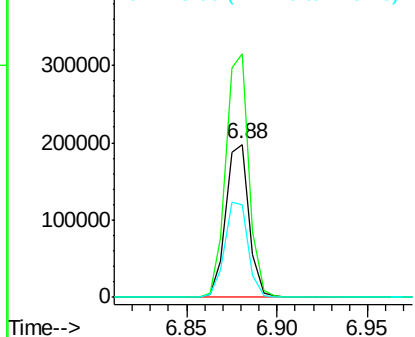
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF103072.D
Acq: 19 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion:152 Resp: 176457
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 60.7 50.1 75.1



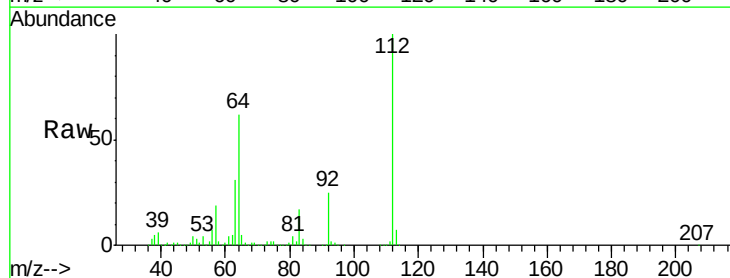
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



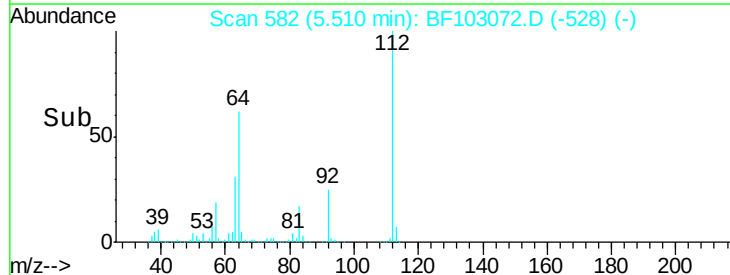
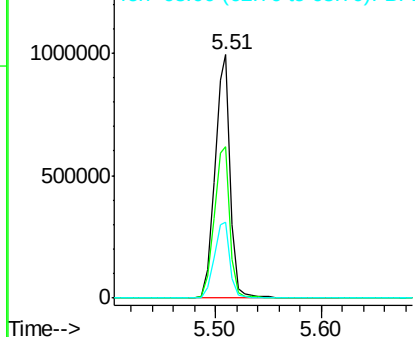
#5

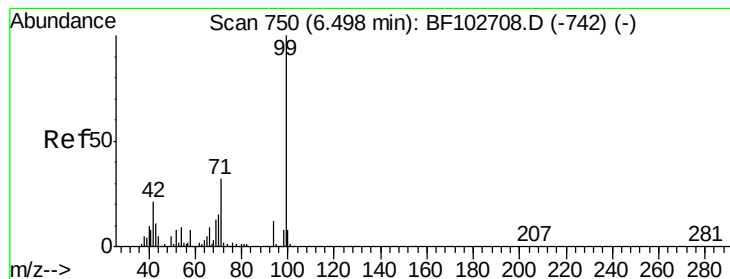
2-Fluorophenol
Concen: 87.599 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF103072.D
Acq: 19 Feb 2018 10:46

Tgt Ion:112 Resp: 1017832
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 31.4 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: 79.712 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103072.D

Acq: 19 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

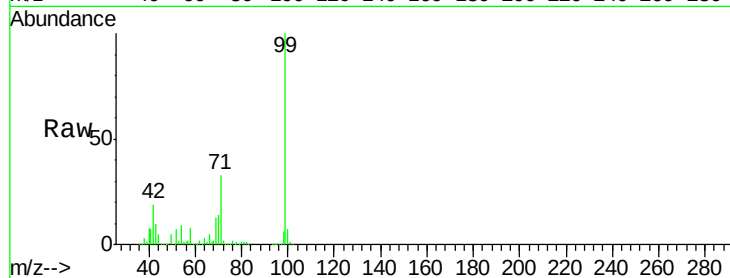
Tgt Ion: 99 Resp: 1115192

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

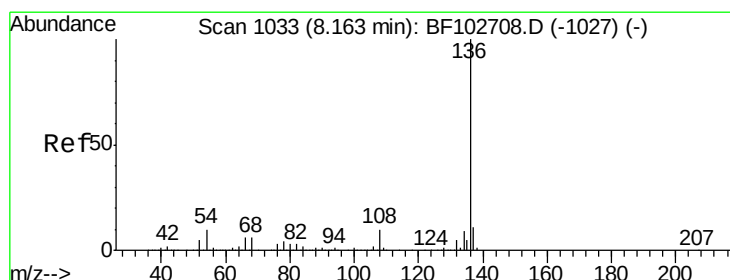
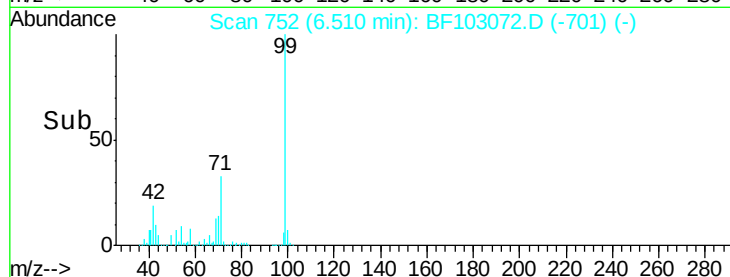
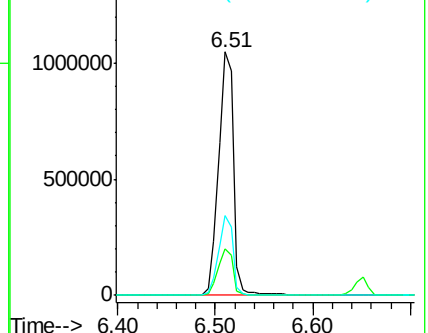
71 32.7 25.4 38.0



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. 0.00 min

Lab File: BF103072.D

Acq: 19 Feb 2018 10:46

Tgt Ion: 136 Resp: 742840

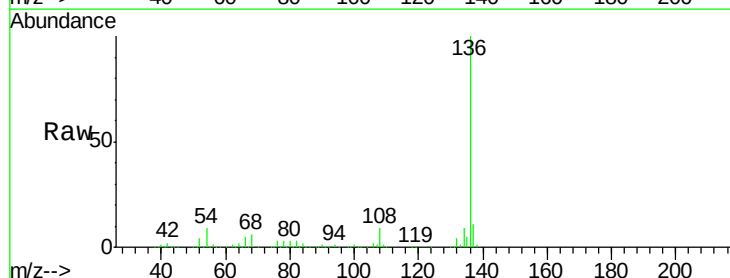
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 8.9 6.6 9.8

68 6.2 5.0 7.4

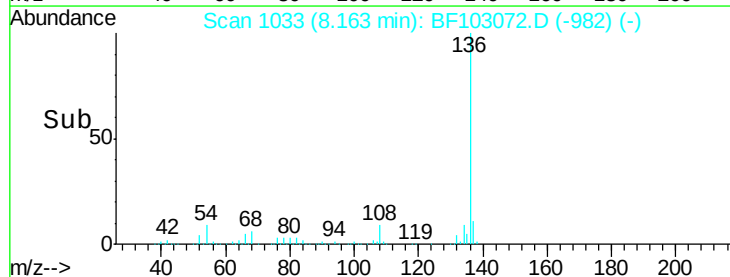
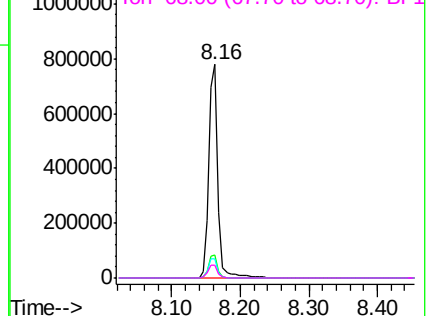


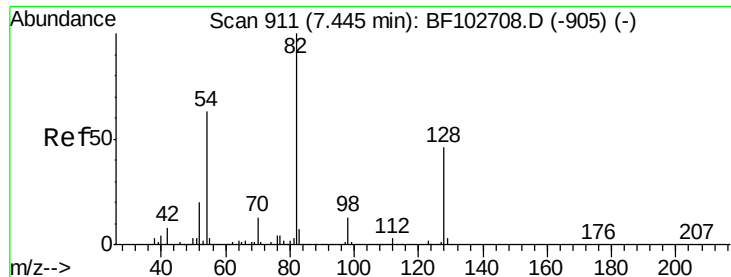
Abundance Ion 136.00 (135.70 to 136.70): E

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

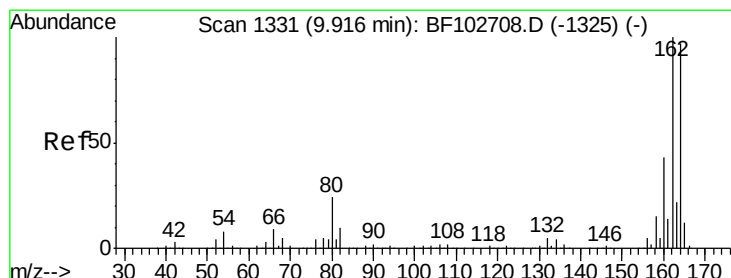
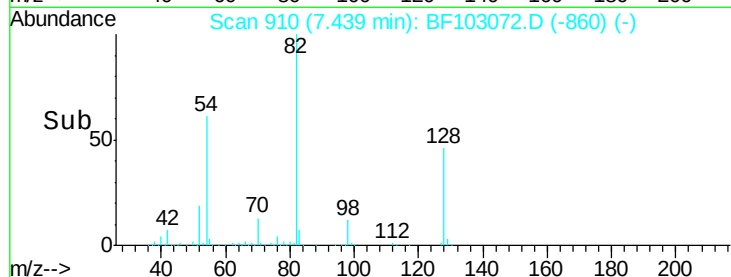
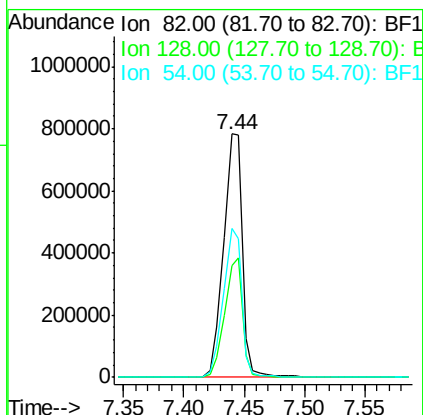
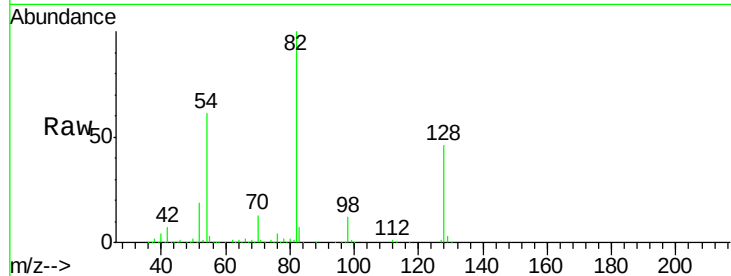




#23
 Nitrobenzene-d5
 Concen: 79.251 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103072.D
 Acq: 19 Feb 2018 10:46

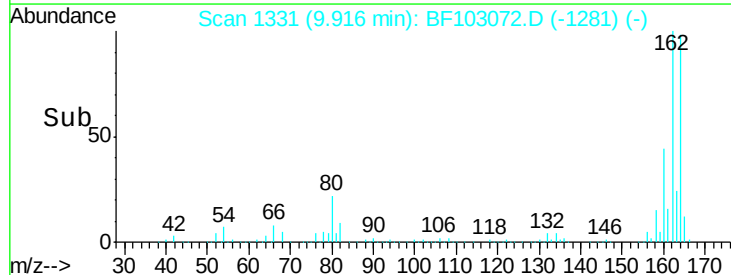
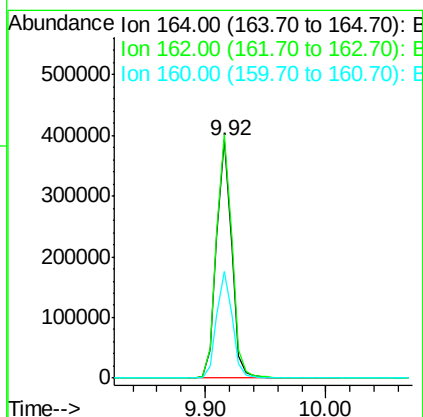
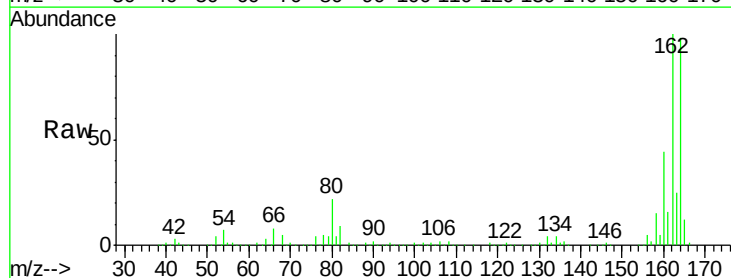
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

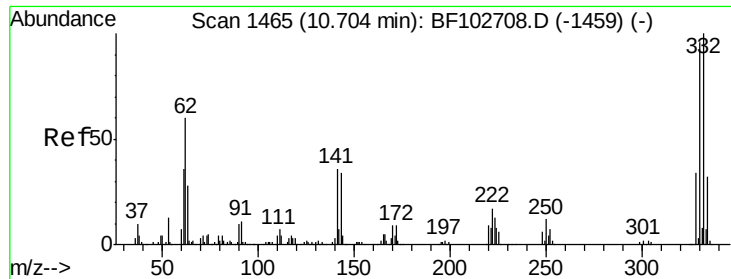
Tgt Ion: 82 Resp: 848646
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.1 54.1
 54 61.3 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103072.D
 Acq: 19 Feb 2018 10:46

Tgt Ion: 164 Resp: 336263
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 44.6 38.3 57.5

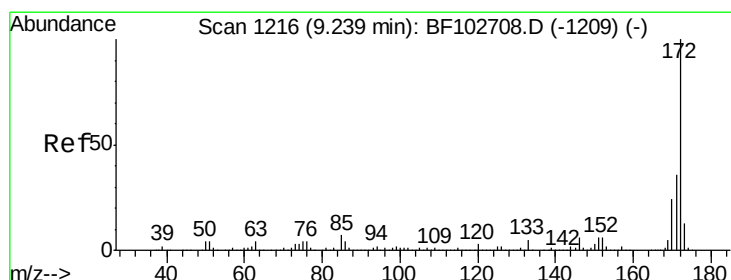
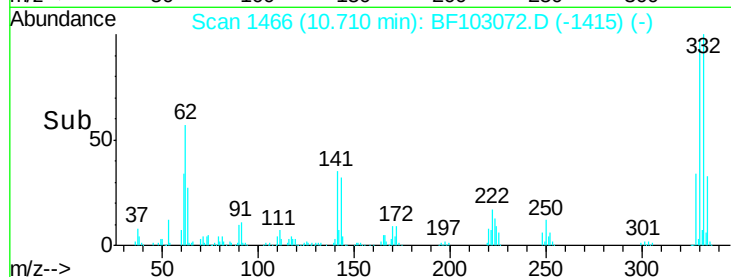
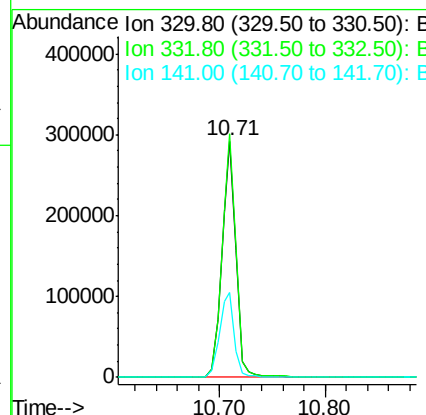
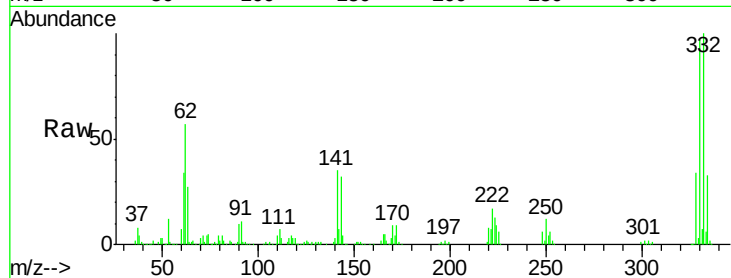




#41
 2,4,6-Tribromophenol
 Concen: 101.780 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103072.D
 Acq: 19 Feb 2018 10:46

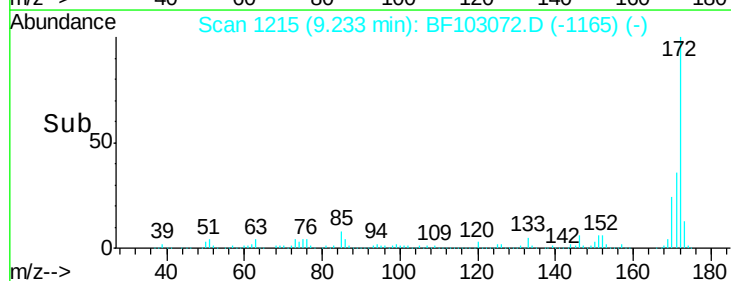
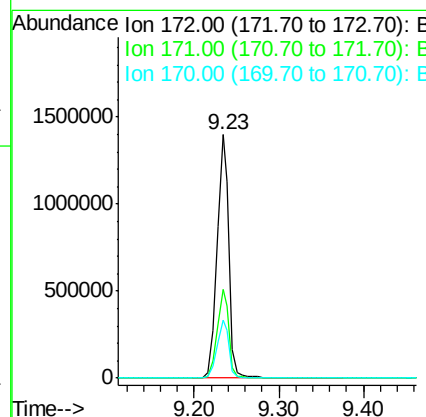
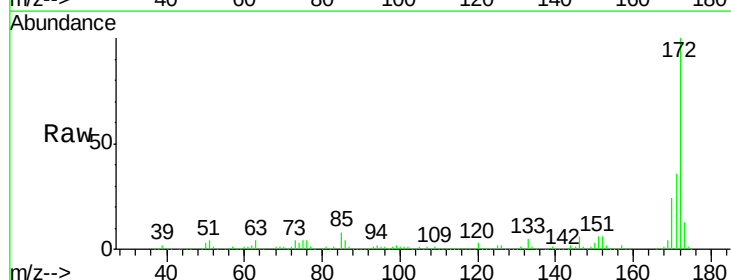
Instrument :
 BNA_F
 ClientSampleId :
 PL-01-021418-C

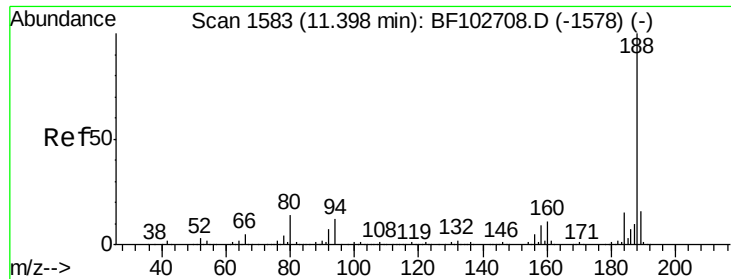
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	38.5	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 69.468 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103072.D
 Acq: 19 Feb 2018 10:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.0	19.6	29.4

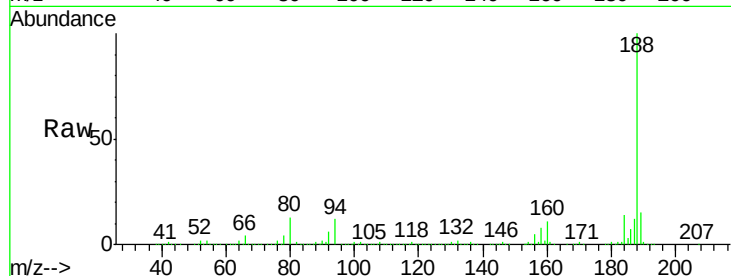




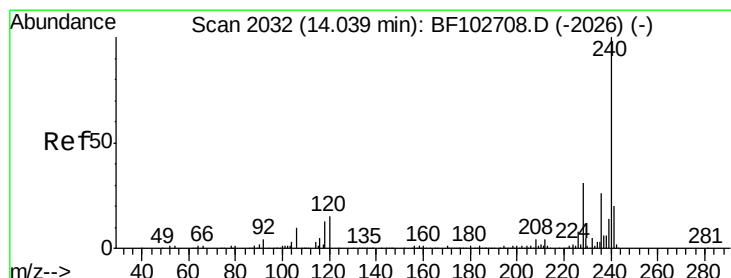
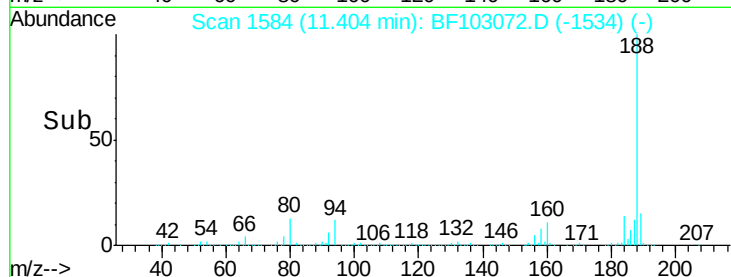
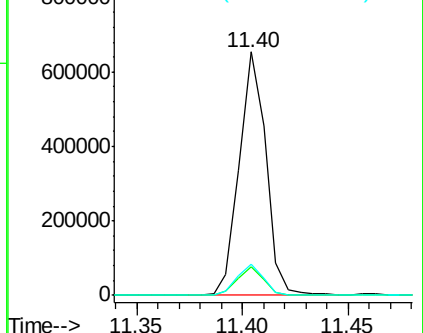
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103072.D
Acq: 19 Feb 2018 10:46

Instrument :
BNA_F
ClientSampleId :
PL-01-021418-C

Tgt Ion:188 Resp: 572395
Ion Ratio Lower Upper
188 100
94 11.7 8.5 12.7
80 12.8 9.2 13.8

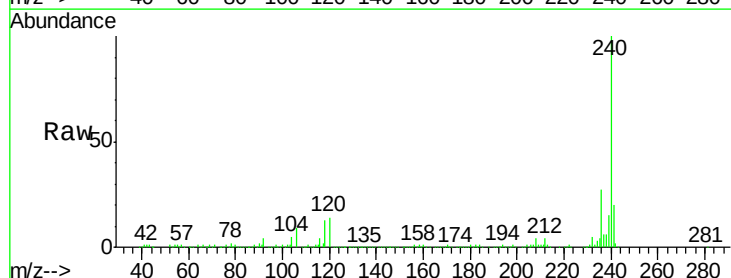


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

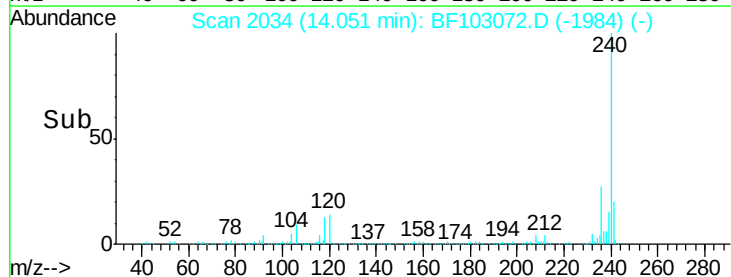
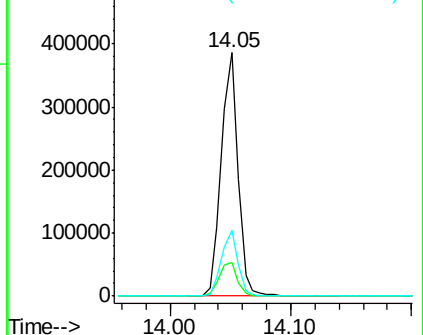


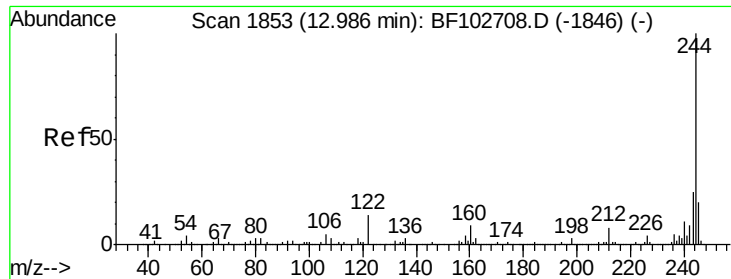
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103072.D
Acq: 19 Feb 2018 10:46

Tgt Ion:240 Resp: 370972
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 26.8 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: 77.378 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103072.D

Acq: 19 Feb 2018 10:46

Instrument :

BNA_F

ClientSampleId :

PL-01-021418-C

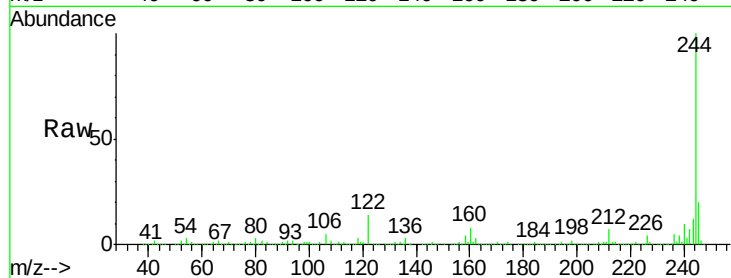
Tgt Ion:244 Resp: 1212326

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

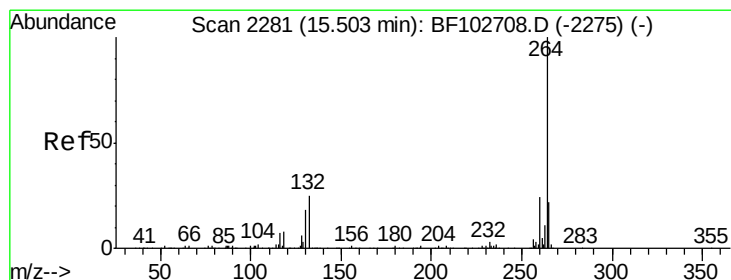
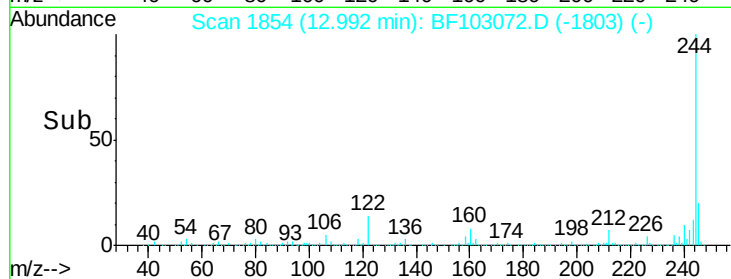
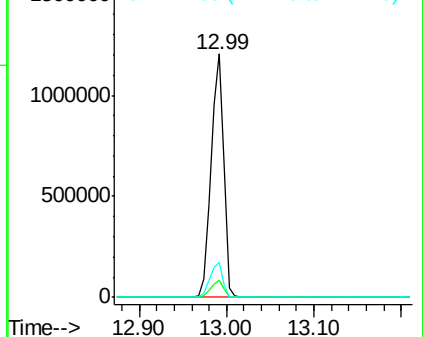
122 14.1 11.0 16.4



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# 2288

Delta R.T. 0.00 min

Lab File: BF103072.D

Acq: 19 Feb 2018 10:46

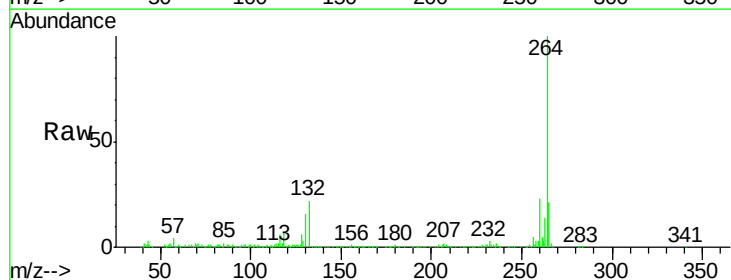
Tgt Ion:264 Resp: 309337

Ion Ratio Lower Upper

264 100

260 23.0 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

