

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102847.D
 Acq On : 8 Feb 2018 11:15
 Operator : SJ/JU
 Sample : PB106358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106358BL

Quant Time: Feb 08 14:02:47 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	6.88	152	194293	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	825978	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	366657	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	633185	20.00	ng	0.00
75) Chrysene-d12	14.04	240	391200	20.00	ng	0.00
86) Perylene-d12	15.53	264	308302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1492284	116.64	ng	0.02
7) Phenol-d6	6.51	99	1778577	115.46	ng	0.00
23) Nitrobenzene-d5	7.45	82	1189132	99.87	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	334715	113.42	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1804516	81.67	ng	0.00
78) Terphenyl-d14	13.00	244	1493092	90.37	ng	0.00

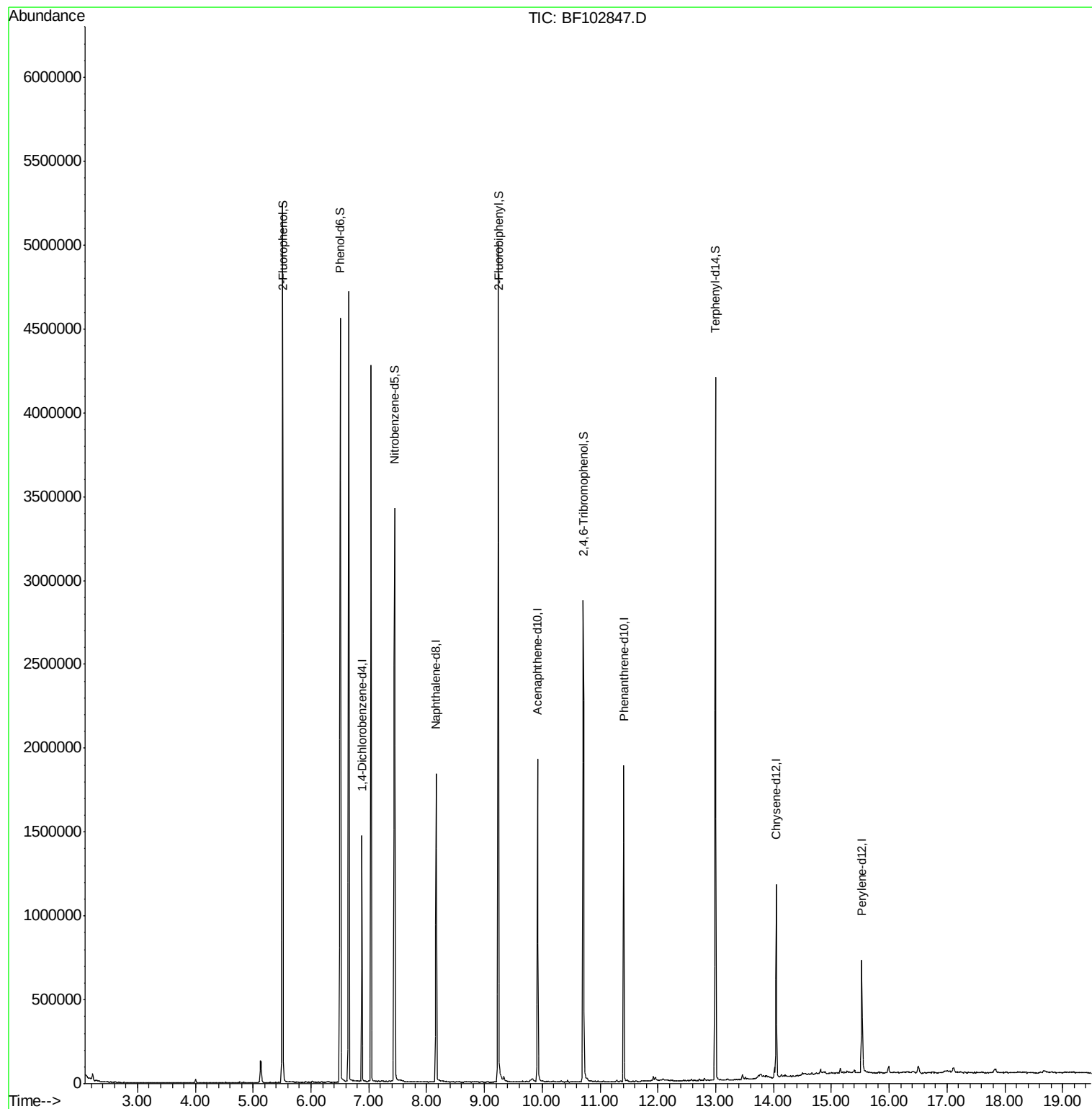
Target Compounds	Qvalue
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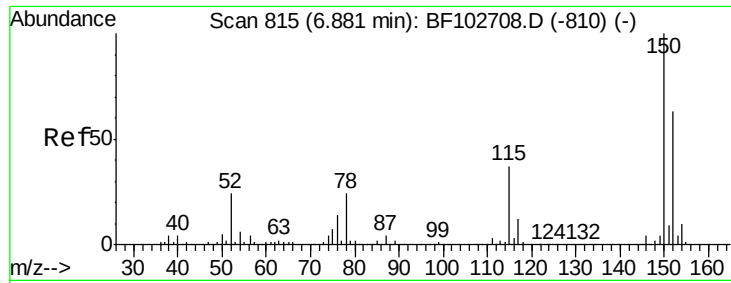
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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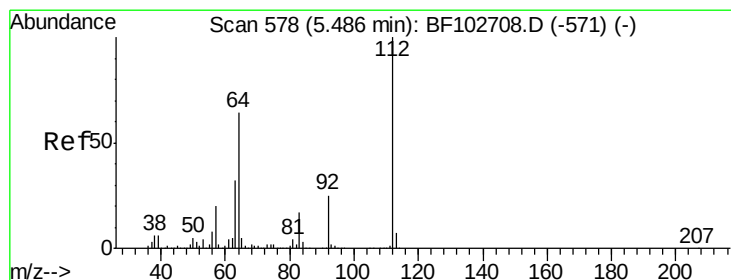
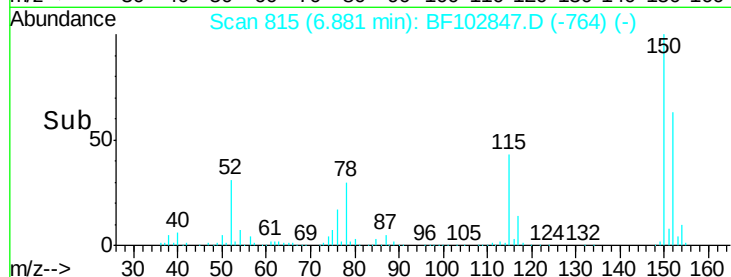
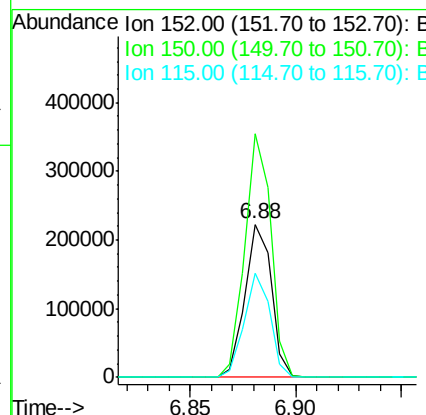
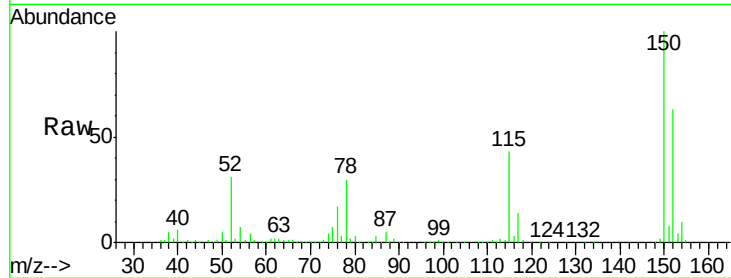


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102847.D
Acq: 8 Feb 2018 11:15

Instrument :
BNA_F
ClientSampleId :
PB106358BL

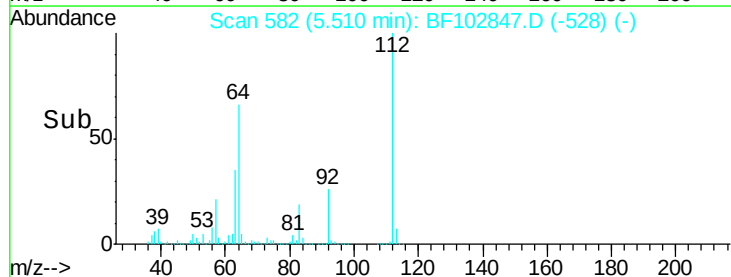
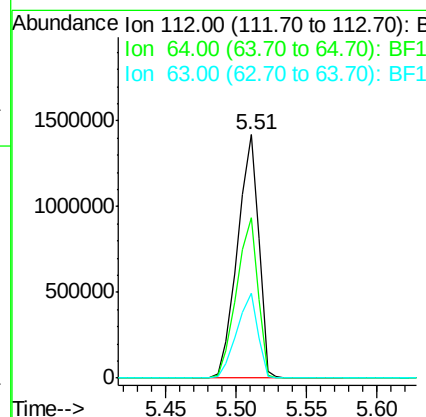
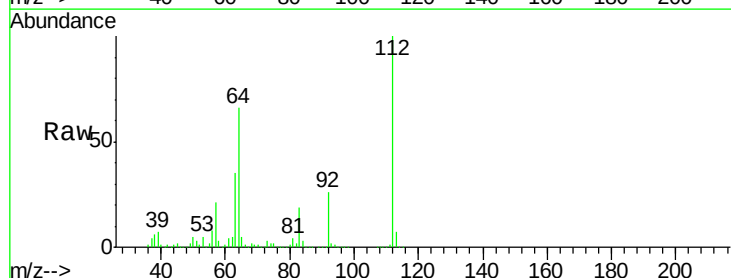
Tgt Ion:152 Resp: 194293
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 68.3 50.1 75.1

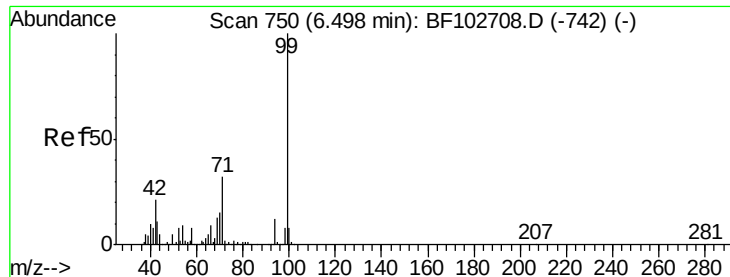


#5

2-Fluorophenol
Concen: 116.643 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102847.D
Acq: 8 Feb 2018 11:15

Tgt Ion:112 Resp: 1492284
Ion Ratio Lower Upper
112 100
64 66.0 47.9 71.9
63 34.6 23.7 35.5





#7

Phenol-d6

Concen: 115.459 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102847.D

Acq: 8 Feb 2018 11:15

Instrument :

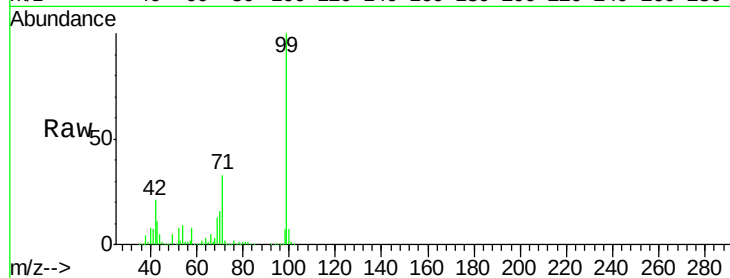
BNA_F

ClientSampleId :

PB106358BL

Tgt Ion: 99 Resp: 1778577

Ion	Ratio	Lower	Upper
99	100		
42	21.5	14.5	21.7
71	33.4	25.4	38.0

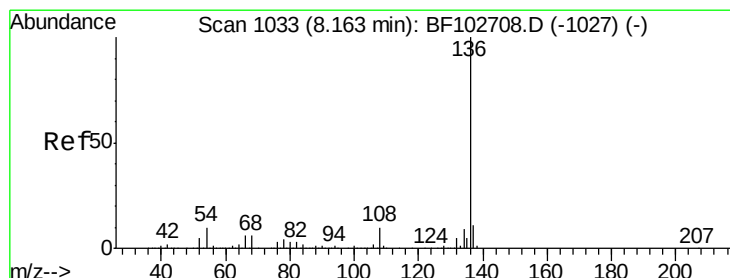
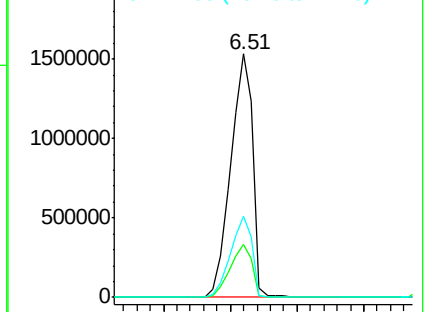
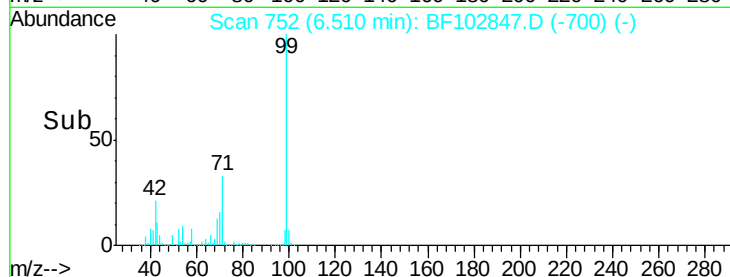


Abundance

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

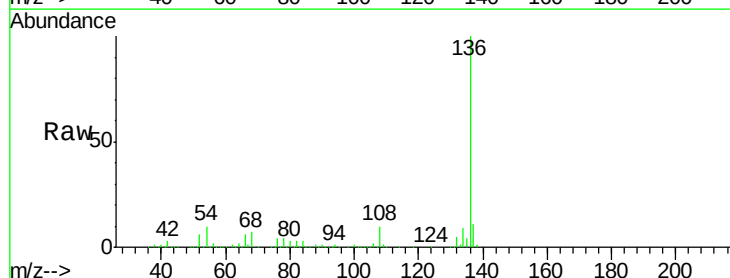
Delta R.T. -0.01 min

Lab File: BF102847.D

Acq: 8 Feb 2018 11:15

Tgt Ion: 136 Resp: 825978

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.0	6.6	9.8
68	6.8	5.0	7.4



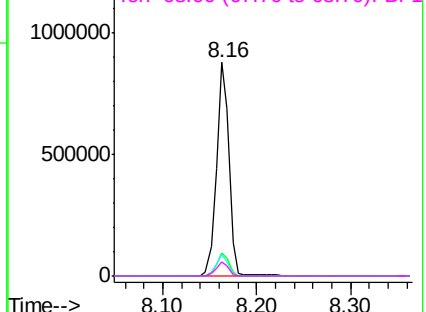
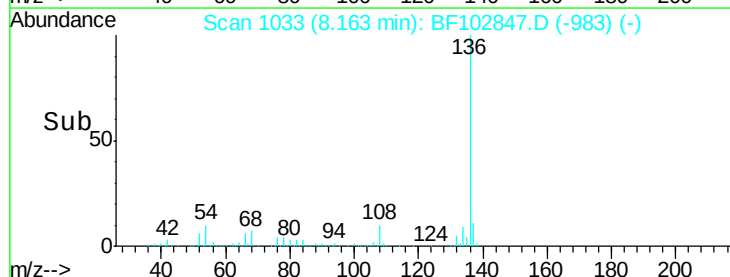
Abundance

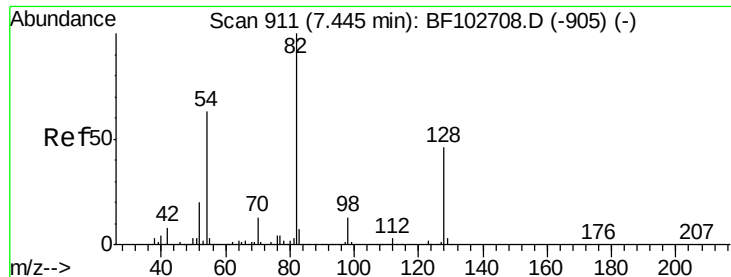
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

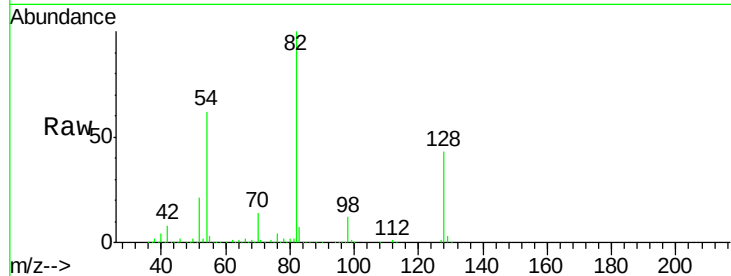




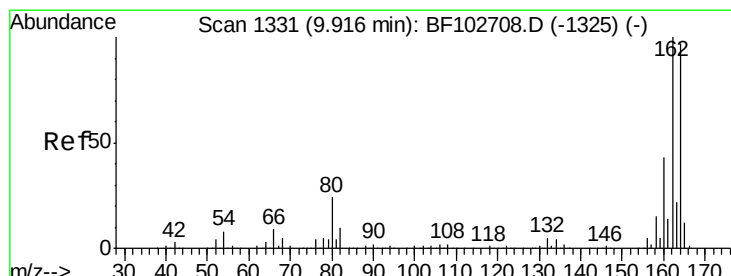
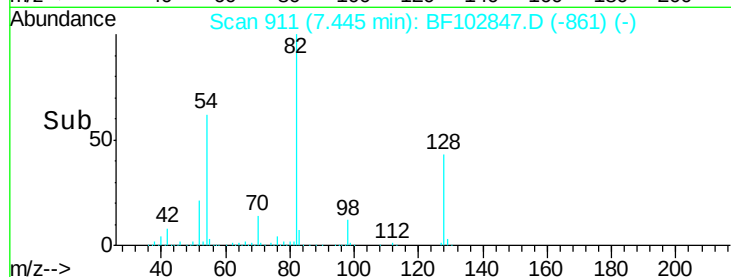
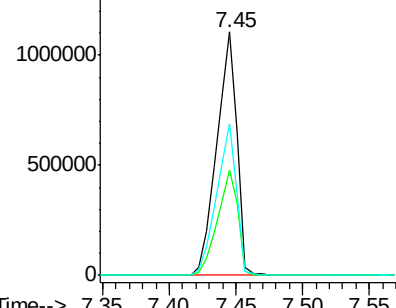
#23
Nitrobenzene-d5
Concen: 99.870 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102847.D
Acq: 8 Feb 2018 11:15

Instrument :
BNA_F
ClientSampleId :
PB106358BL

Tgt Ion: 82 Resp: 1189132
Ion Ratio Lower Upper
82 100
128 43.4 36.1 54.1
54 62.2 41.4 62.2#

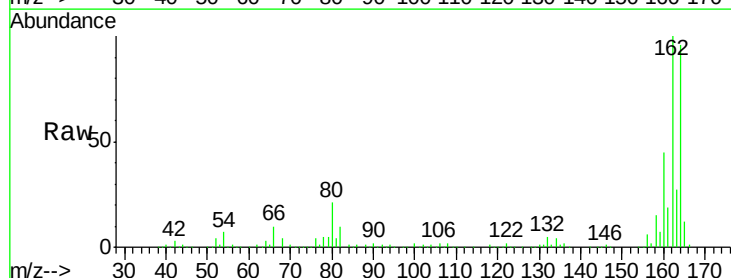


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

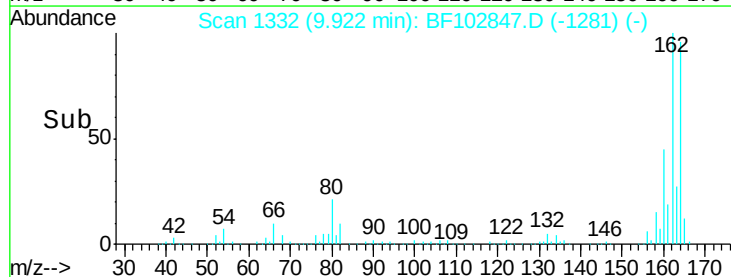
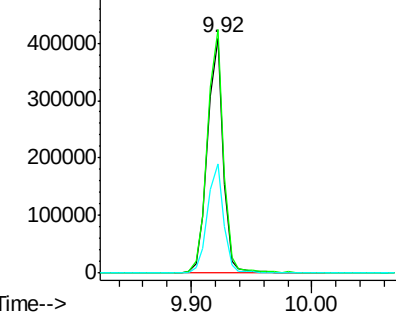


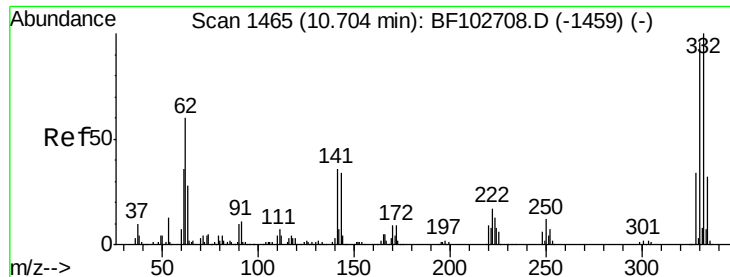
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF102847.D
Acq: 8 Feb 2018 11:15

Tgt Ion: 164 Resp: 366657
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 46.8 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

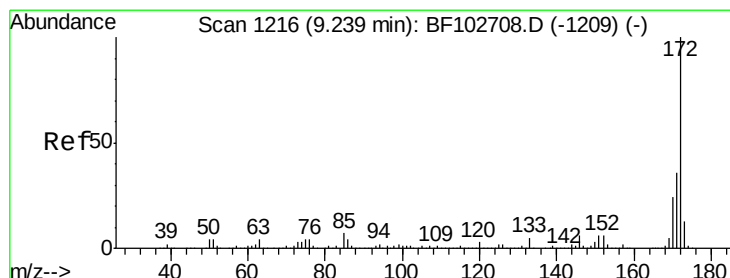
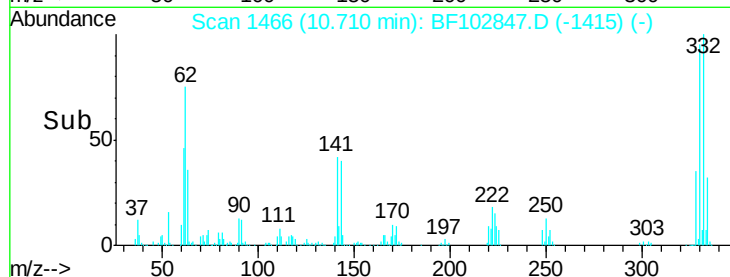
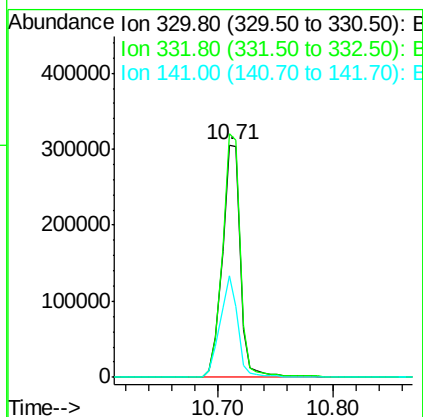
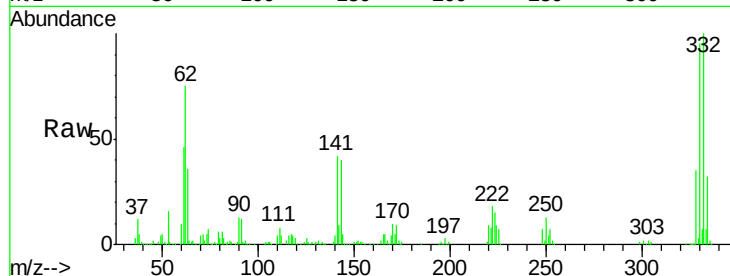




#41
 2,4,6-Tribromophenol
 Concen: 113.418 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102847.D
 Acq: 8 Feb 2018 11:15

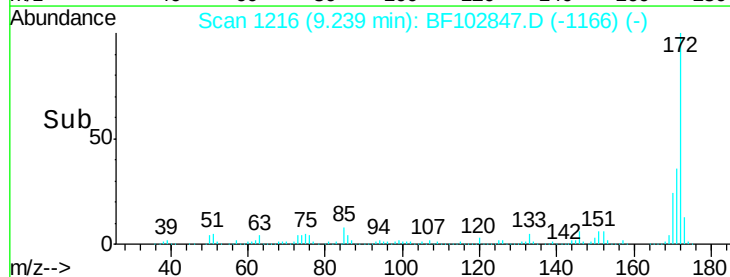
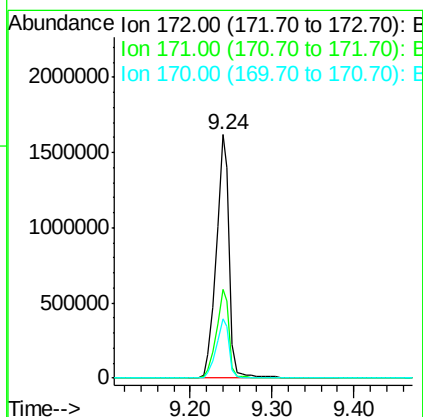
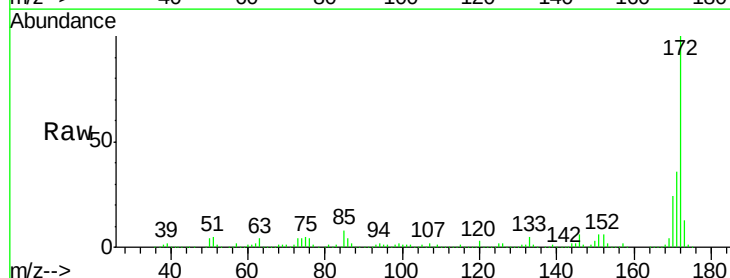
Instrument :
 BNA_F
 ClientSampleId :
 PB106358BL

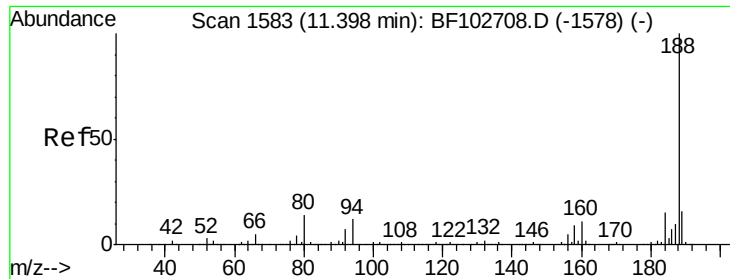
Tgt Ion:330 Resp: 334715
 Ion Ratio Lower Upper
 330 100
 332 103.3 77.0 115.6
 141 42.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 81.666 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102847.D
 Acq: 8 Feb 2018 11:15

Tgt Ion:172 Resp: 1804516
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.4 19.6 29.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102847.D

Acq: 8 Feb 2018 11:15

Instrument :

BNA_F

ClientSampleId :

PB106358BL

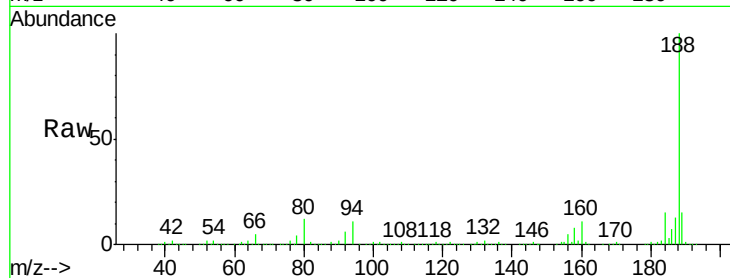
Tgt Ion:188 Resp: 633185

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

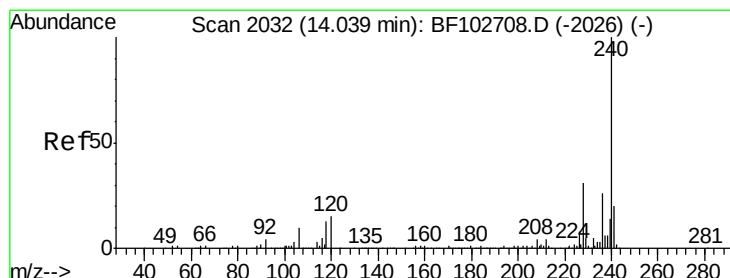
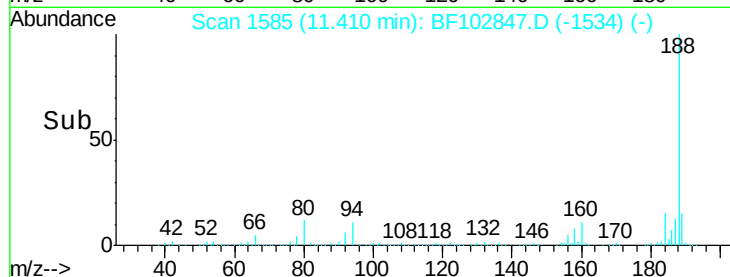
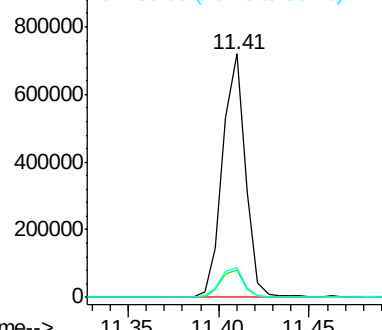
80 12.1 9.2 13.8



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: BF102847.D

Acq: 8 Feb 2018 11:15

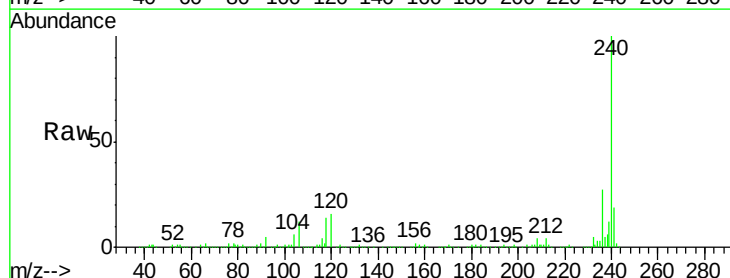
Tgt Ion:240 Resp: 391200

Ion Ratio Lower Upper

240 100

120 16.0 9.5 14.3#

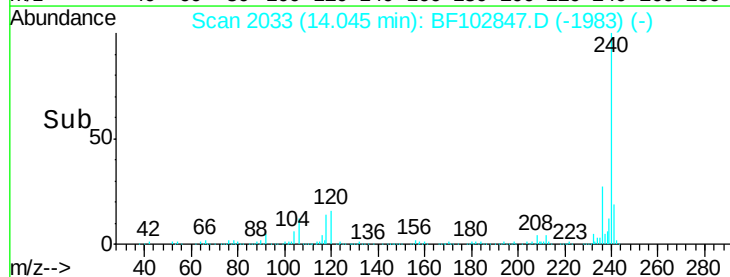
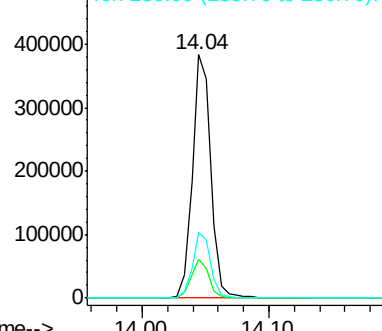
236 27.1 20.7 31.1

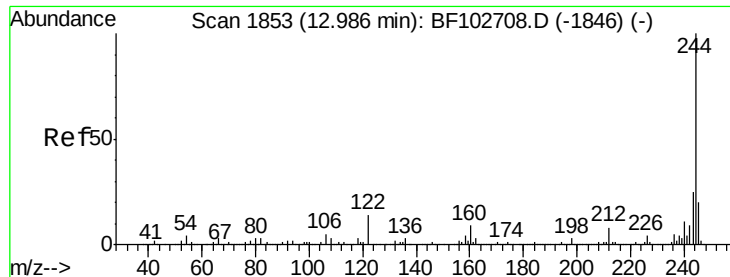


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.371 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102847.D

Acq: 8 Feb 2018 11:15

Instrument :

BNA_F

ClientSampleId :

PB106358BL

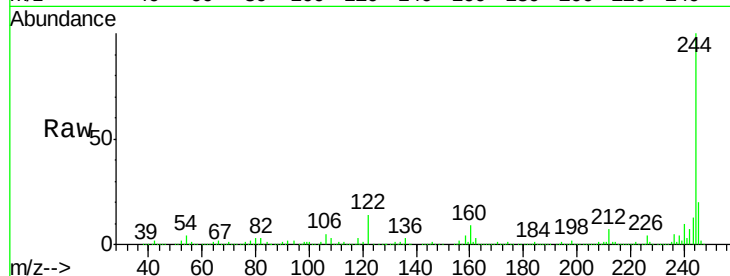
Tgt Ion:244 Resp: 1493092

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

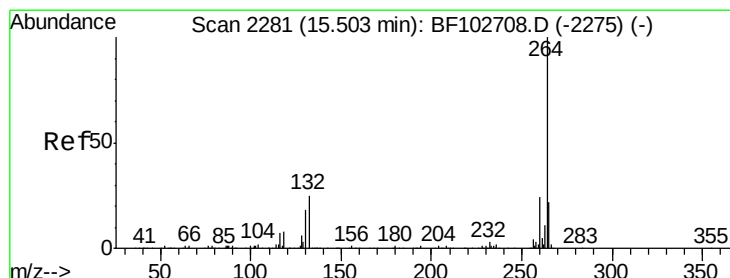
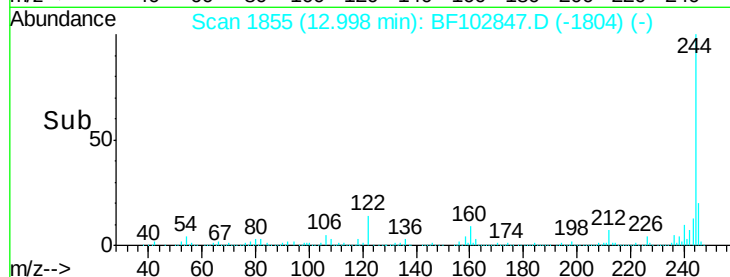
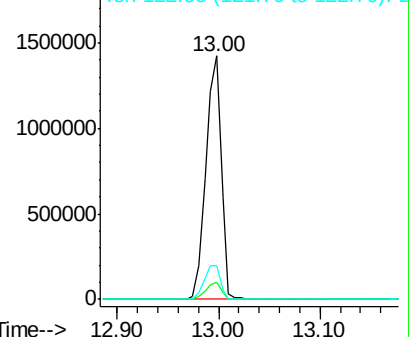
122 14.0 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF102847.D

Acq: 8 Feb 2018 11:15

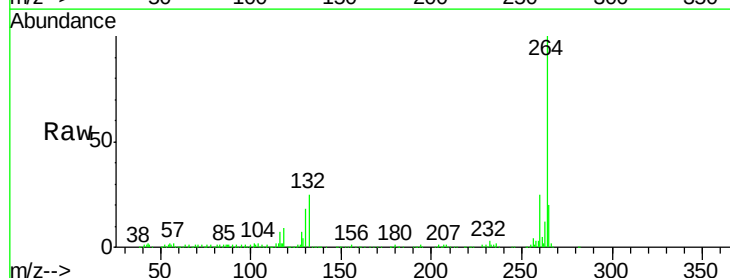
Tgt Ion:264 Resp: 308302

Ion Ratio Lower Upper

264 100

260 25.3 19.2 28.8

265 19.9 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

