

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102894.D
 Acq On : 9 Feb 2018 17:43
 Operator : SJ/JU
 Sample : PB106115BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106115BL

Quant Time: Feb 09 22:24:02 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	6.89	152	151090	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	617297	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	248390	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	361067	20.00	ng	0.00
75) Chrysene-d12	14.05	240	287762	20.00	ng	0.00
86) Perylene-d12	15.54	264	268529	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1133581	113.94	ng	0.02
7) Phenol-d6	6.51	99	1332154	111.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	868147	97.56	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	197895	98.98	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1341798	89.64	ng	0.00
78) Terphenyl-d14	13.00	244	945330	77.78	ng	0.00

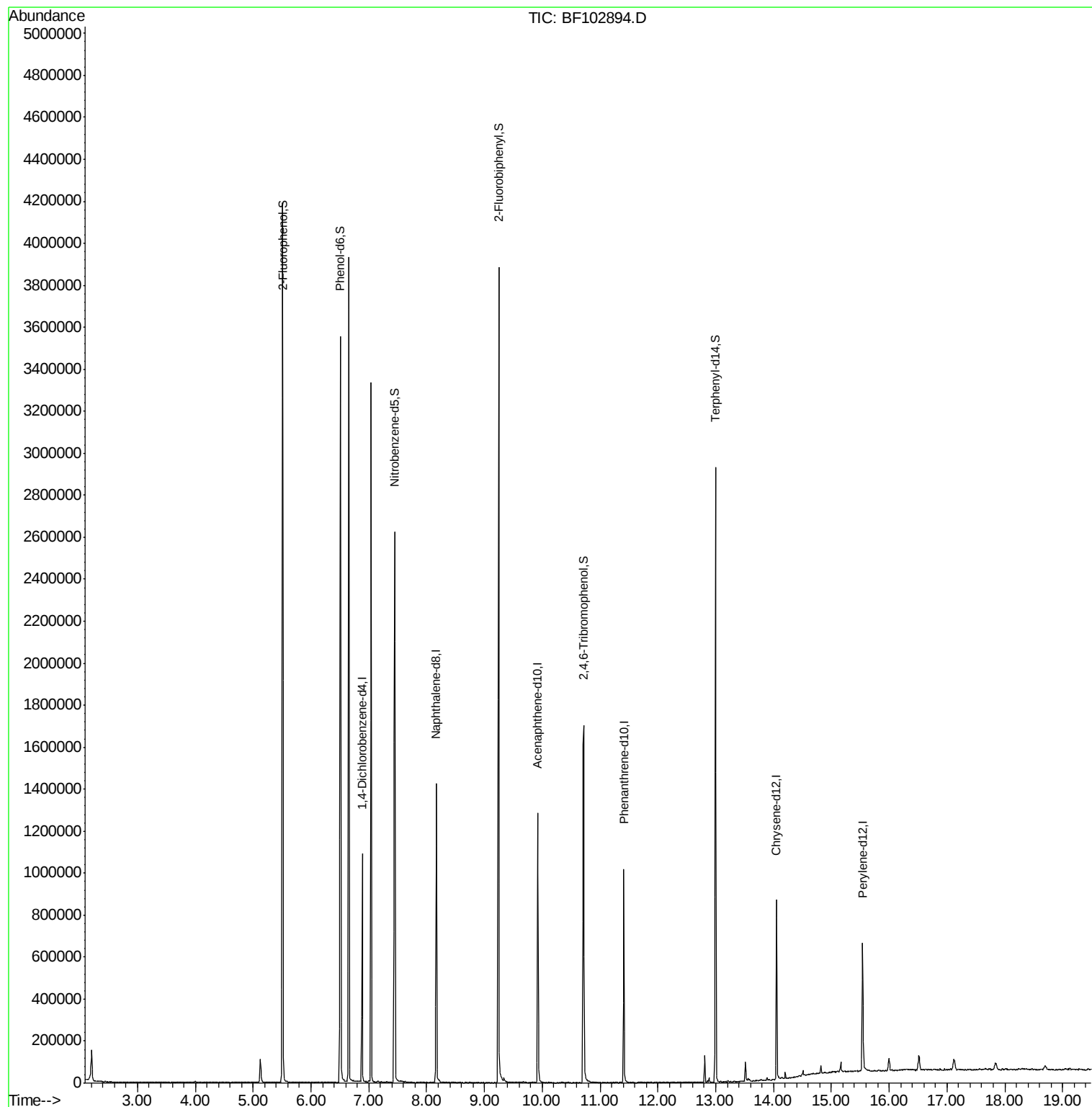
Target Compounds Qvalue

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

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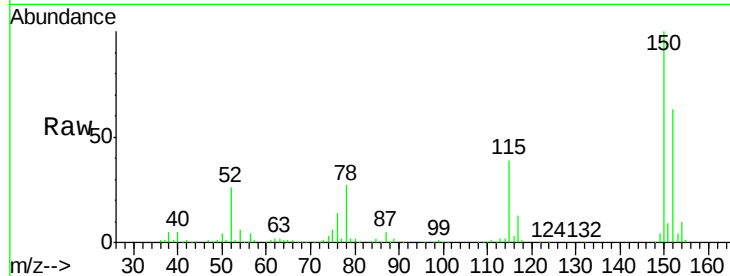


#1

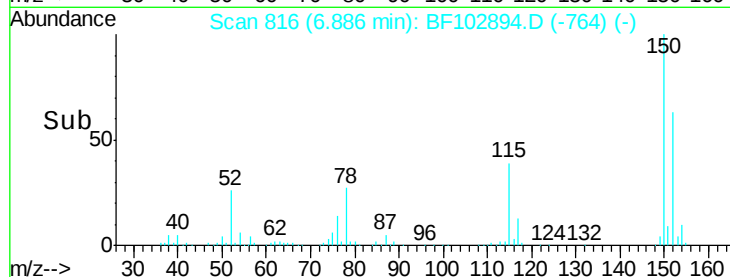
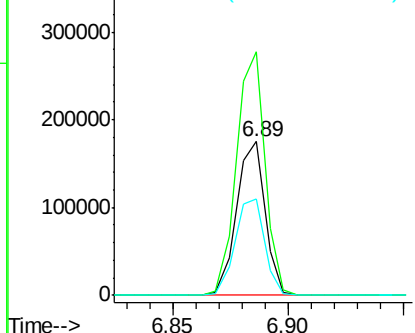
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Instrument :
BNA_F
ClientSampleId :
PB106115BL

Tot Ion:152 Resp: 151090
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 62.5 50.1 75.1



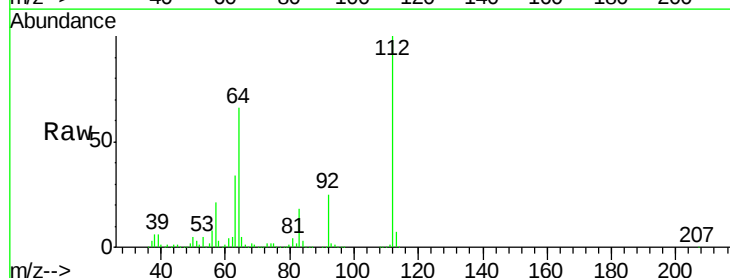
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



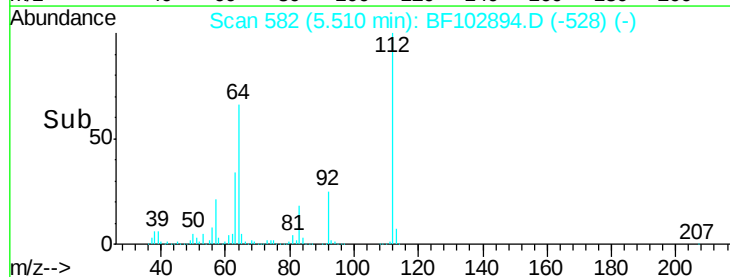
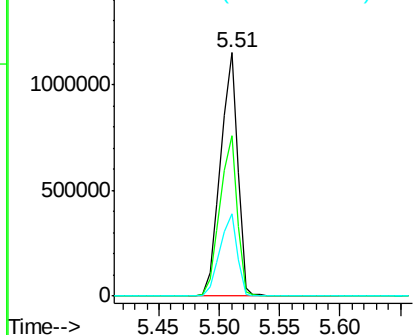
#5

2-Fluorophenol
Concen: 113.941 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:112 Resp: 1133581
Ion Ratio Lower Upper
112 100
64 65.9 47.9 71.9
63 33.8 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: 111.207 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102894.D

Acq: 9 Feb 2018 17:43

Instrument :

BNA_F

ClientSampleId :

PB106115BL

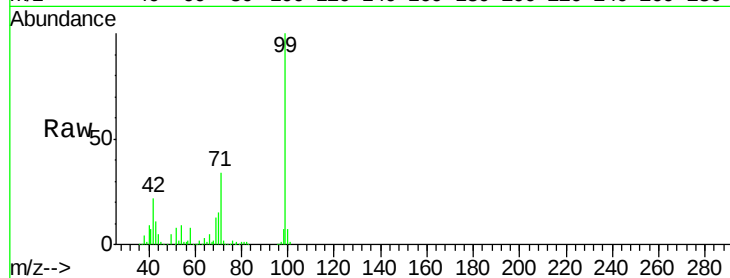
Tot Ion: 99 Resp: 1332154

Ion Ratio Lower Upper

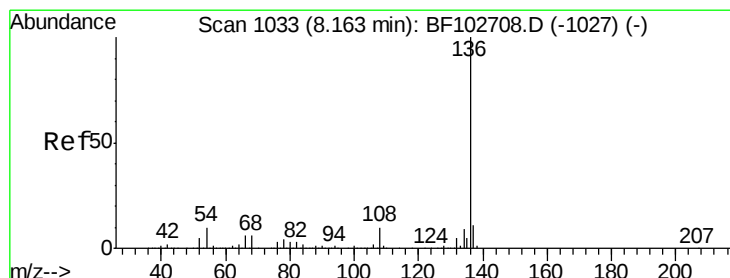
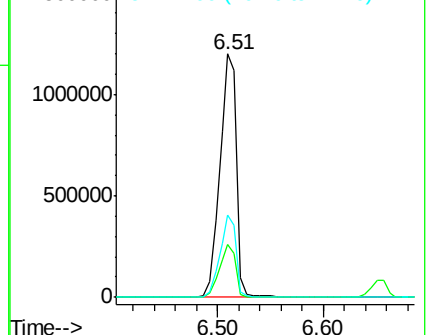
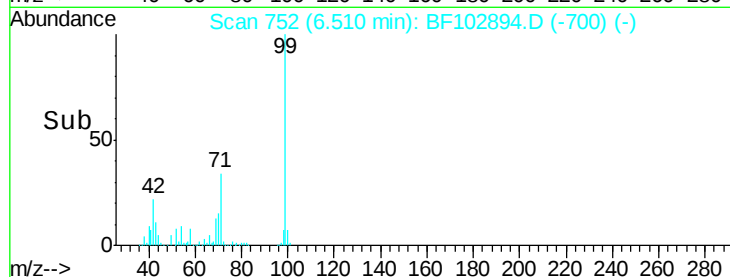
99 100

42 21.7 14.5 21.7

71 33.7 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: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102894.D

Acq: 9 Feb 2018 17:43

Tgt Ion: 136 Resp: 617297

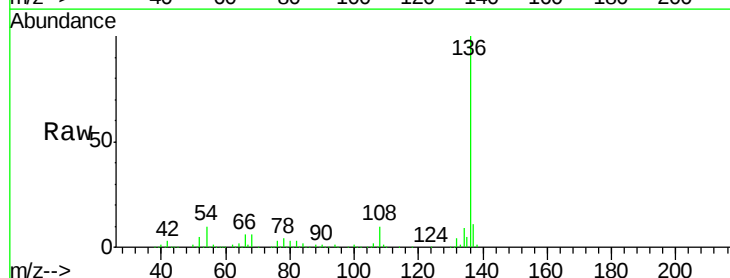
Ion Ratio Lower Upper

136 100

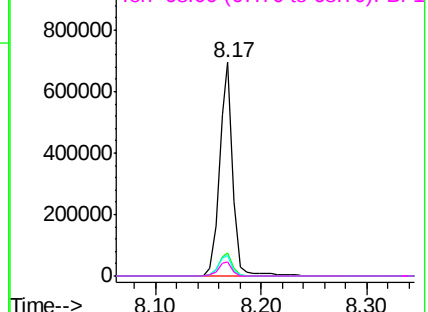
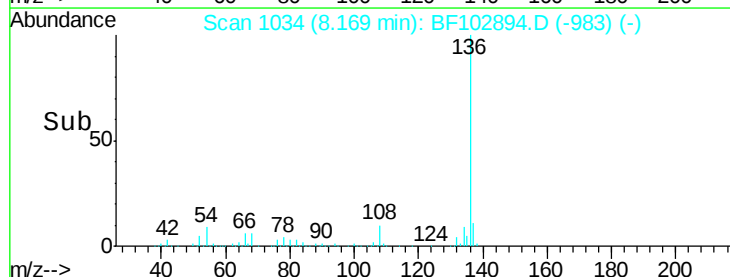
137 10.9 8.9 13.3

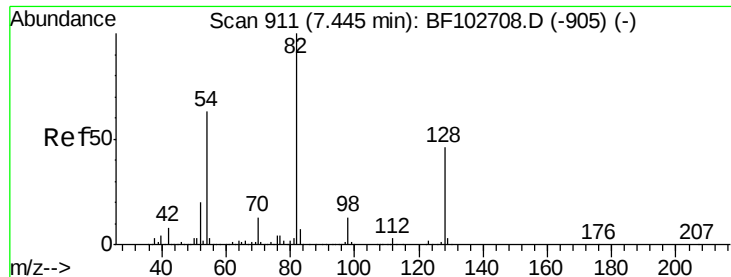
54 9.5 6.6 9.8

68 6.4 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

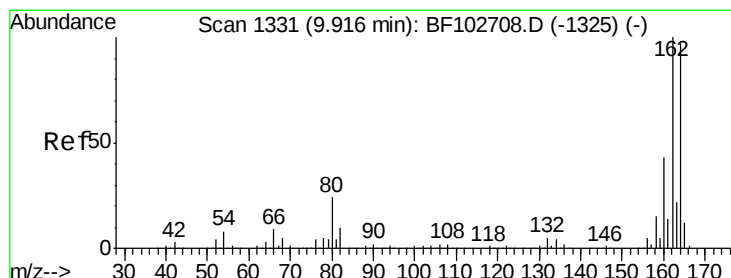
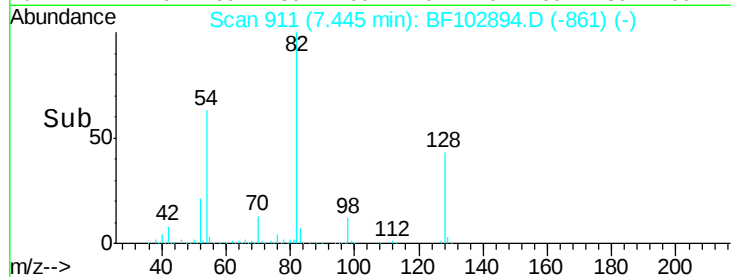
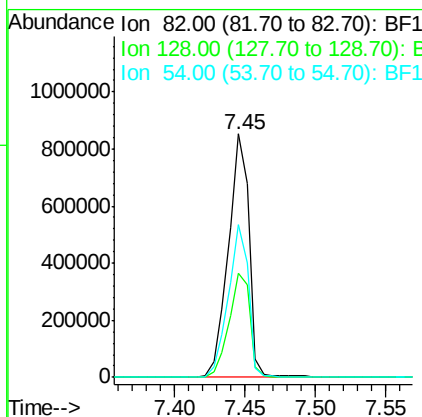
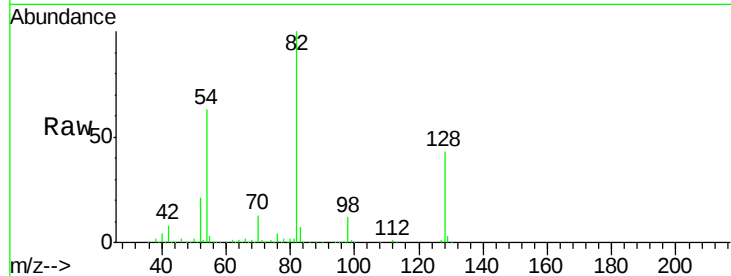




#23
 Nitrobenzene-d5
 Concen: 97.561 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102894.D
 Acq: 9 Feb 2018 17:43

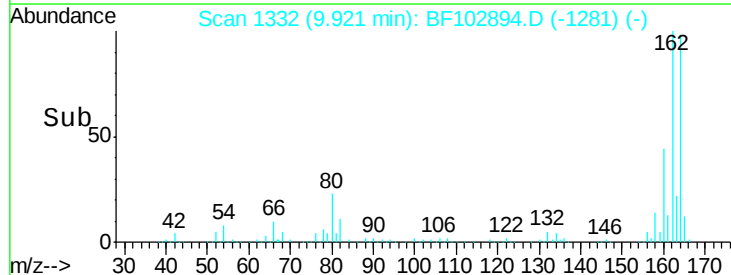
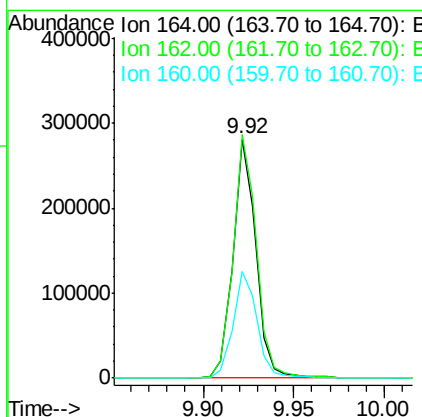
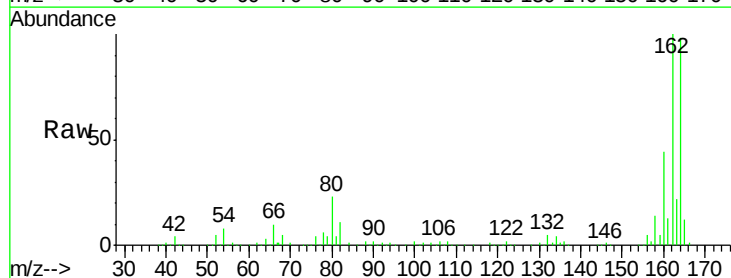
Instrument :
 BNA_F
 ClientSampled :
 PB106115BL

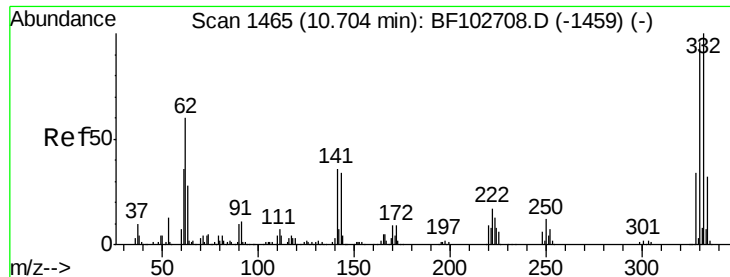
Tot Ion	82	Resp	868147
Ion Ratio	Lower	Upper	
82	100		
128	42.8	36.1	54.1
54	62.8	41.4	62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102894.D
 Acq: 9 Feb 2018 17:43

Tgt Ion	164	Resp	248390
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	44.5	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 98.985 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102894.D

Acq: 9 Feb 2018 17:43

Instrument :

BNA_F

ClientSampleId :

PB106115BL

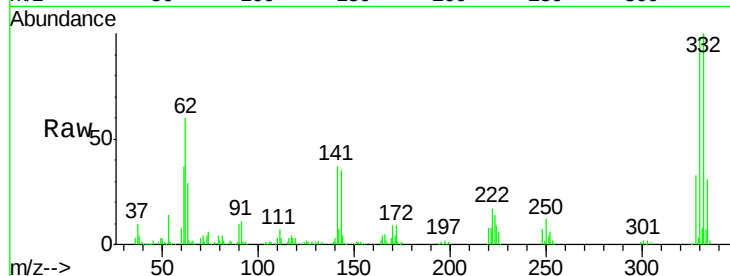
Tot Ion:330 Resp: 197895

Ion Ratio Lower Upper

330 100

332 103.1 77.0 115.6

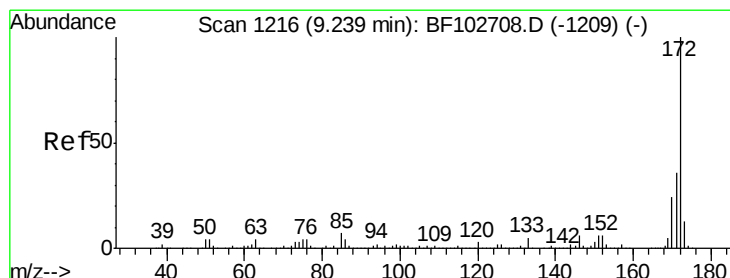
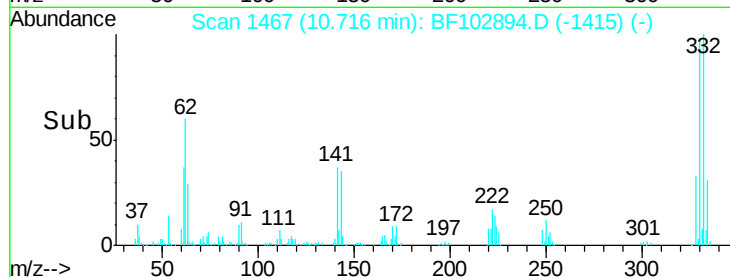
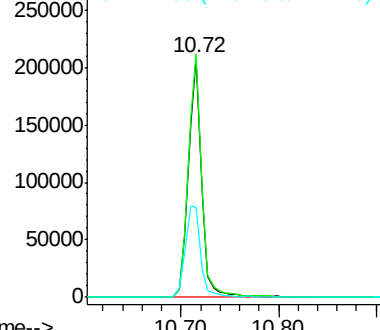
141 43.5 29.9 44.9



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: 89.638 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.00 min

Lab File: BF102894.D

Acq: 9 Feb 2018 17:43

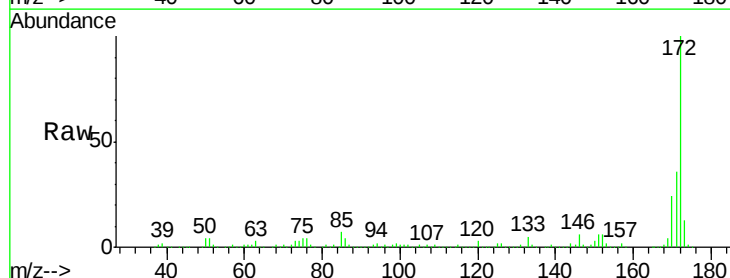
Tgt Ion:172 Resp: 1341798

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

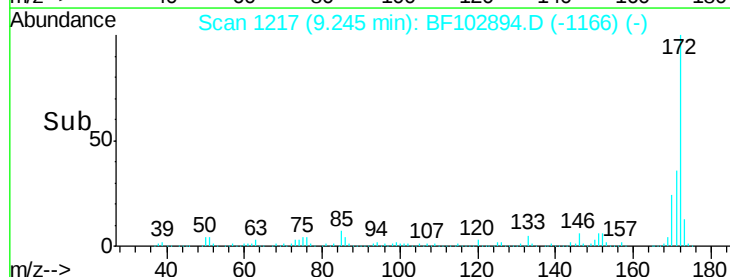
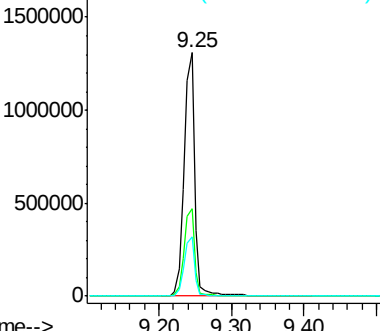
170 24.4 19.6 29.4

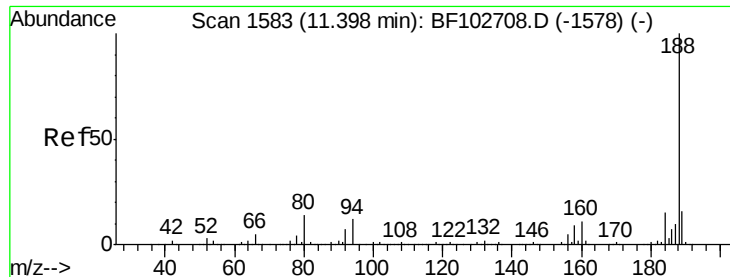


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

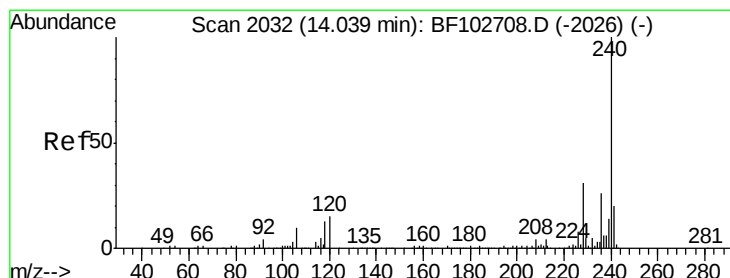
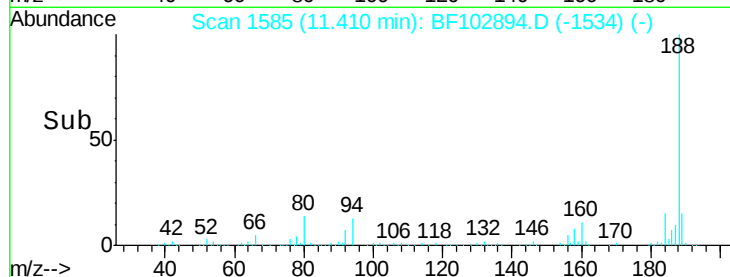
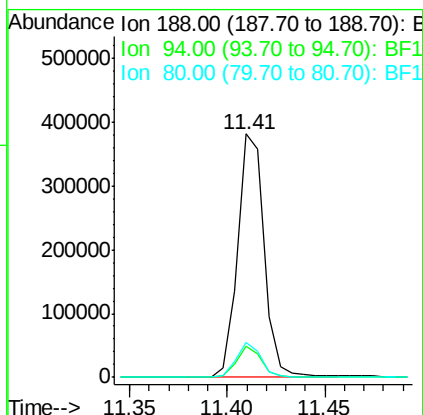
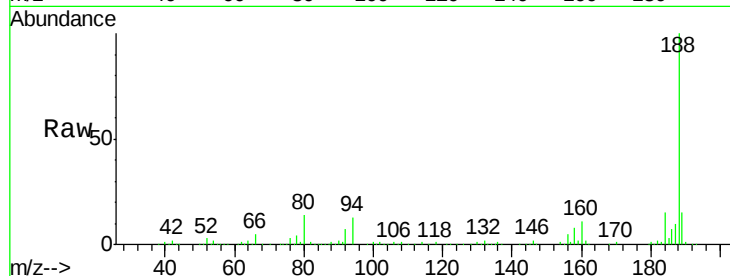




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

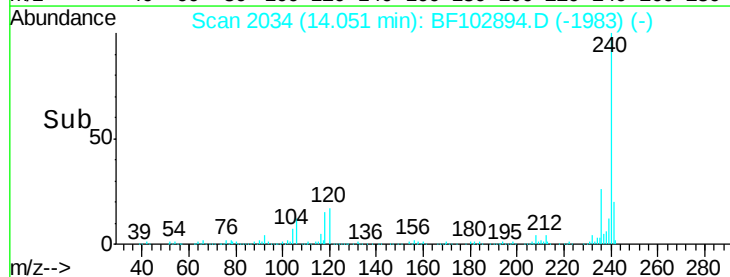
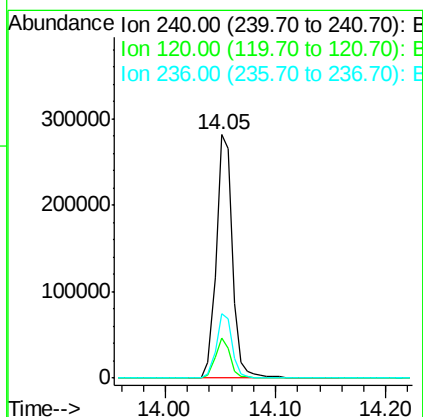
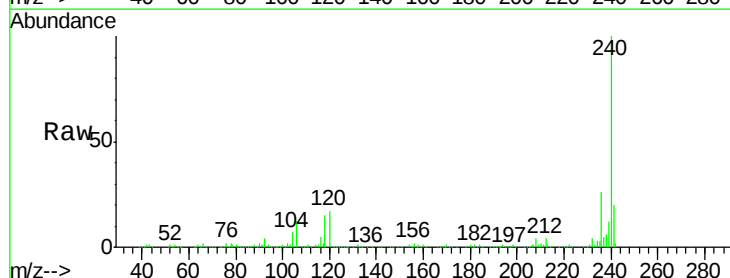
Instrument :
BNA_F
ClientSampleId :
PB106115BL

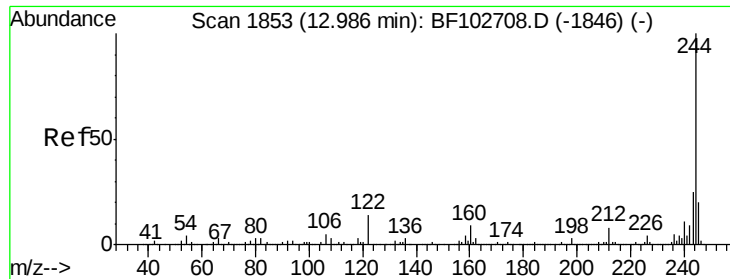
Tot Ion:188 Resp: 361067
Ion Ratio Lower Upper
188 100
94 12.7 8.5 12.7
80 14.1 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102894.D
Acq: 9 Feb 2018 17:43

Tgt Ion:240 Resp: 287762
Ion Ratio Lower Upper
240 100
120 16.6 9.5 14.3#
236 26.2 20.7 31.1





#78

Terphenyl-d14

Concen: 77.784 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BF102894.D

Acq: 9 Feb 2018 17:43

Instrument :

BNA_F

ClientSampleId :

PB106115BL

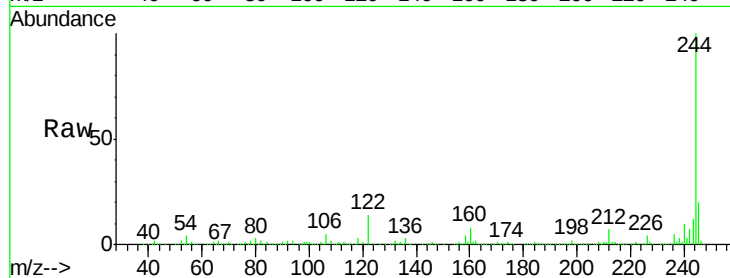
Tot Ion:244 Resp: 945330

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

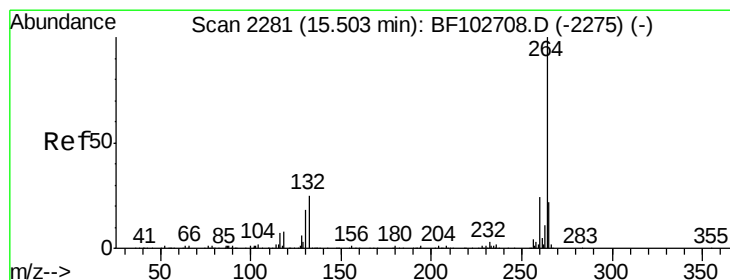
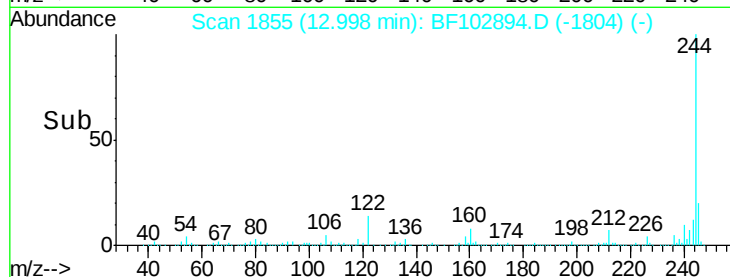
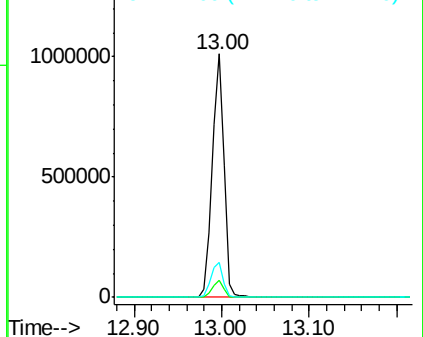
122 14.2 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF102894.D

Acq: 9 Feb 2018 17:43

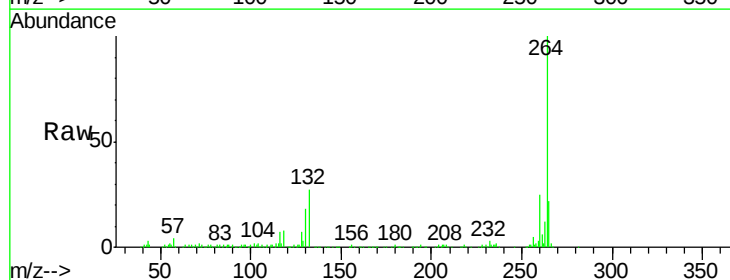
Tgt Ion:264 Resp: 268529

Ion Ratio Lower Upper

264 100

260 24.8 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

