

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021618\
 Data File : BF103044.D
 Acq On : 16 Feb 2018 11:38
 Operator : SJ/JU
 Sample : PB106576BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106576BL

Quant Time: Feb 16 14:37:33 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	6.87	152	173042	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	742862	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	345473	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	611958	20.00	ng	0.00
75) Chrysene-d12	14.04	240	495063	20.00	ng	-0.01
86) Perylene-d12	15.53	264	433192	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1238955	108.73	ng	0.01
7) Phenol-d6	6.51	99	1478183	107.74	ng	0.00
23) Nitrobenzene-d5	7.44	82	959372	89.59	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	305397	109.83	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1560219	74.94	ng	0.00
78) Terphenyl-d14	12.99	244	1478792	70.73	ng	0.00

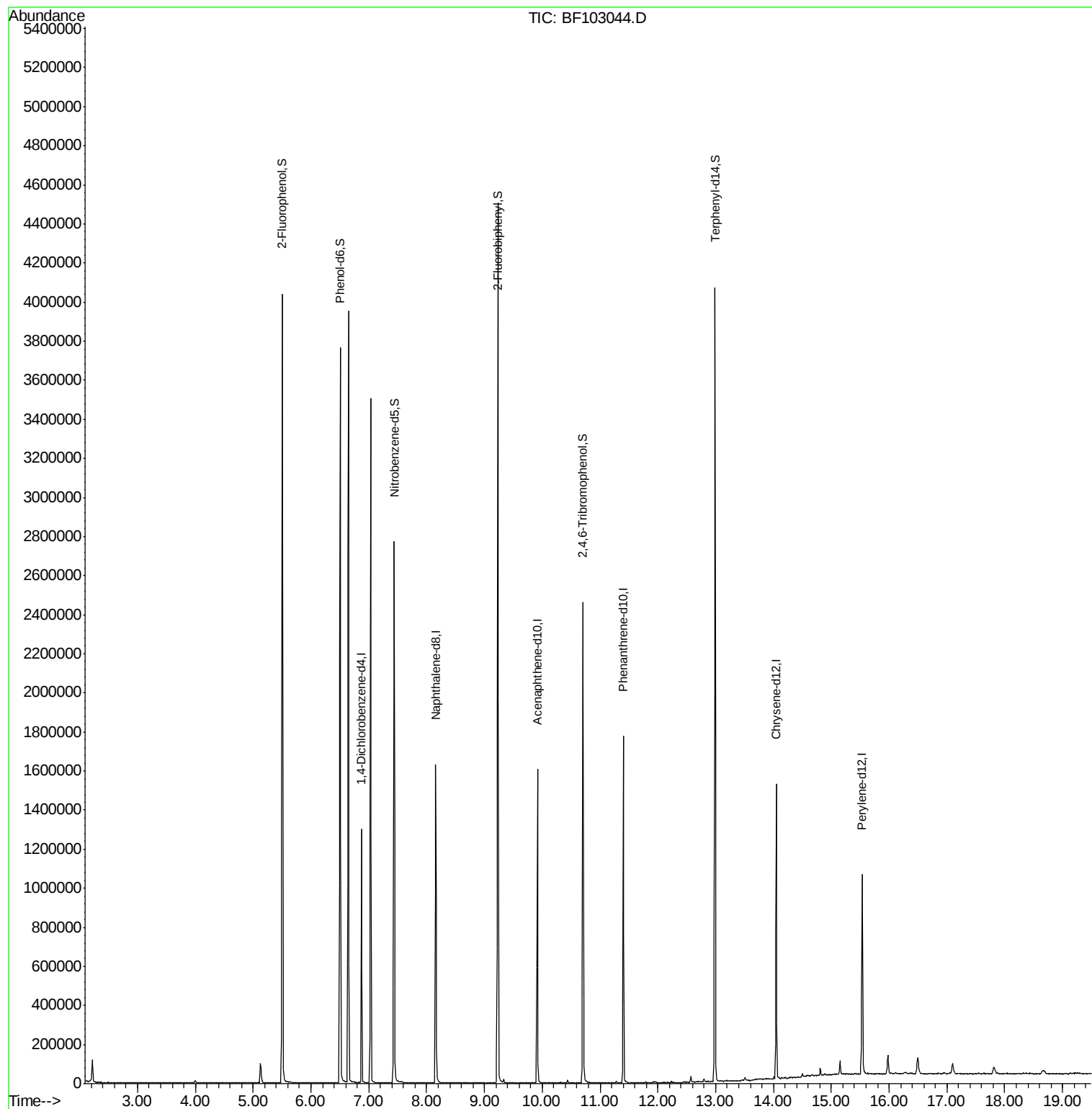
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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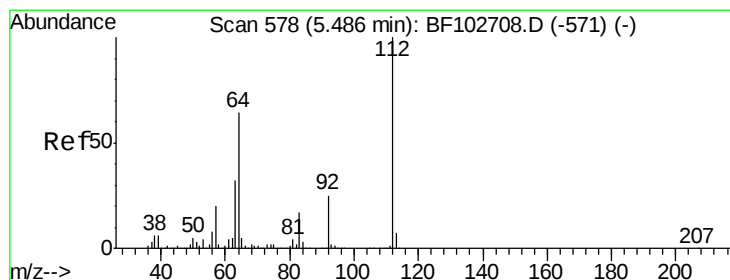
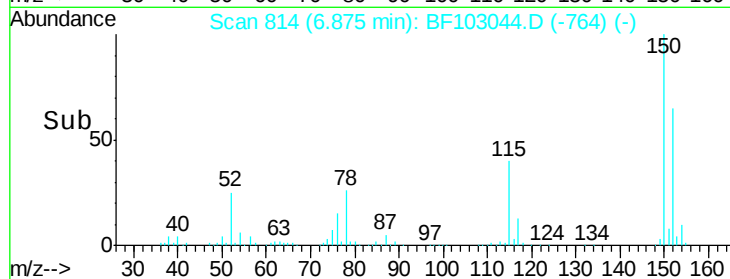
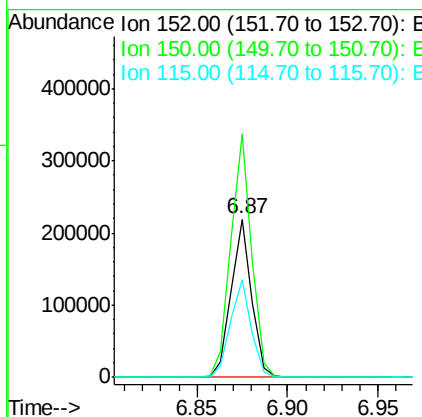
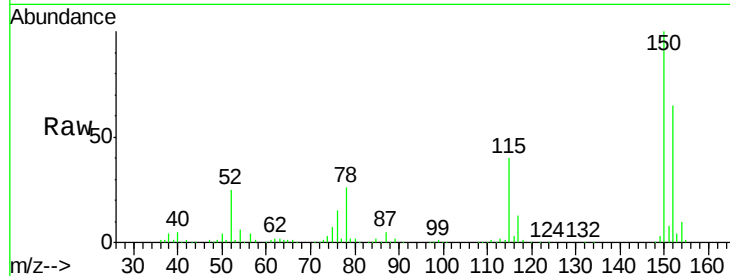


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Instrument :
BNA_F
ClientSampleId :
PB106576BL

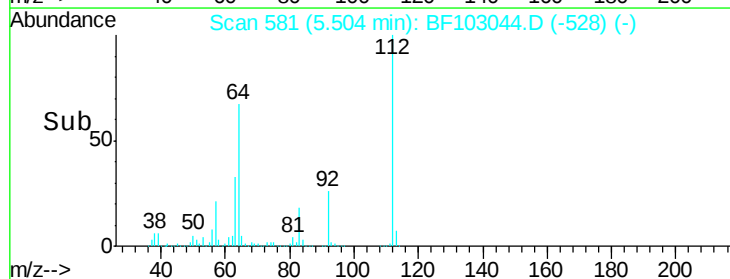
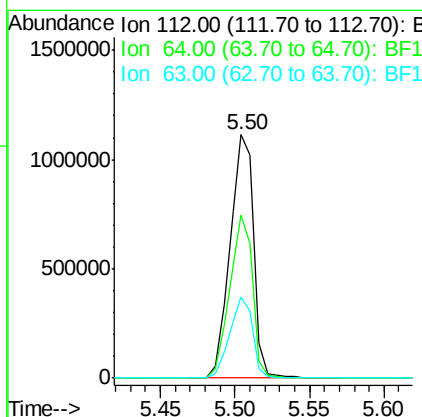
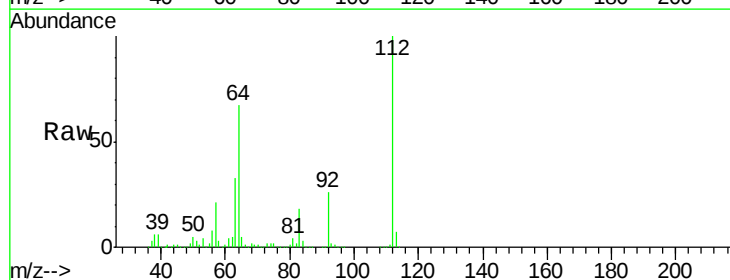
Tgt Ion:152 Resp: 173042
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.0 50.1 75.1



#5

2-Fluorophenol
Concen: 108.734 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:112 Resp: 1238955
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 33.3 23.7 35.5





#7

Phenol-d6

Concen: 107.743 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103044.D

Acq: 16 Feb 2018 11:38

Instrument :

BNA_F

ClientSampleId :

PB106576BL

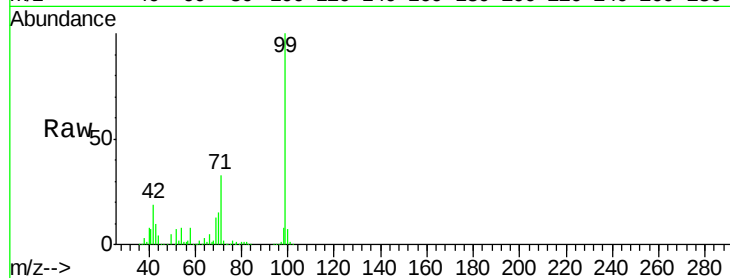
Tgt Ion: 99 Resp: 1478183

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

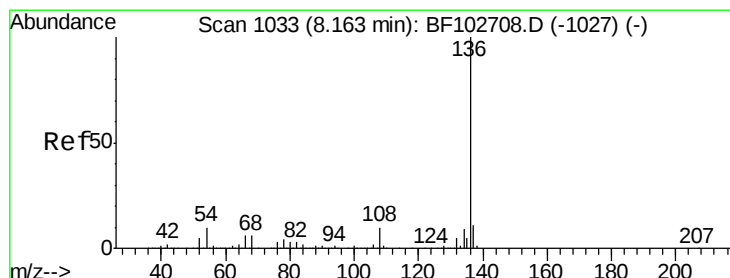
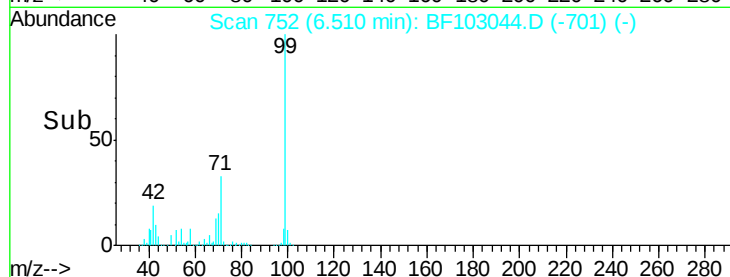
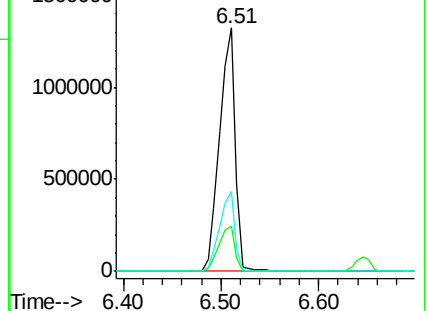
71 33.0 25.4 38.0



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# 1032

Delta R.T. -0.01 min

Lab File: BF103044.D

Acq: 16 Feb 2018 11:38

Tgt Ion: 136 Resp: 742862

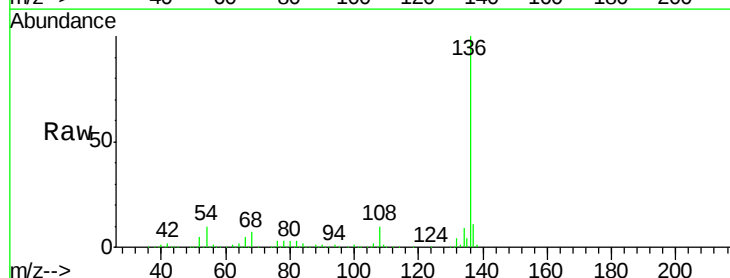
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

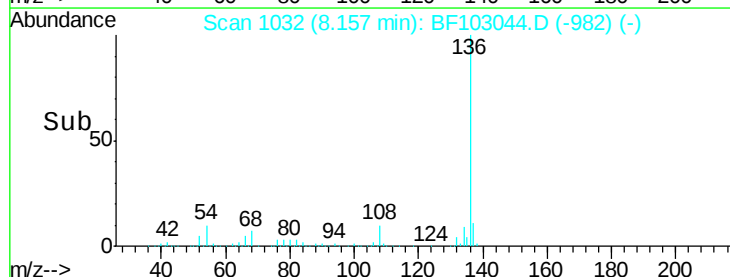
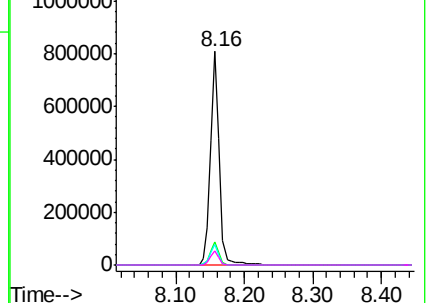


Abundance Ion 136.00 (135.70 to 136.70): E

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

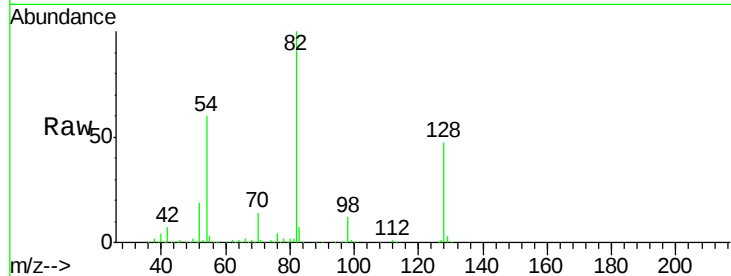




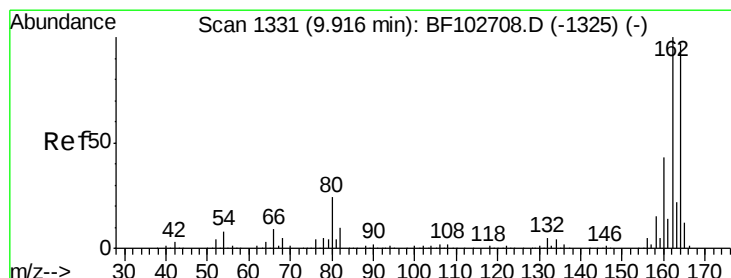
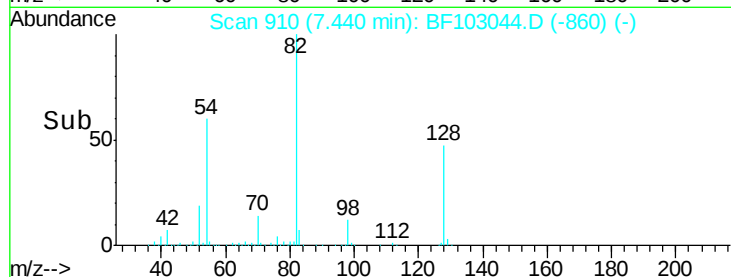
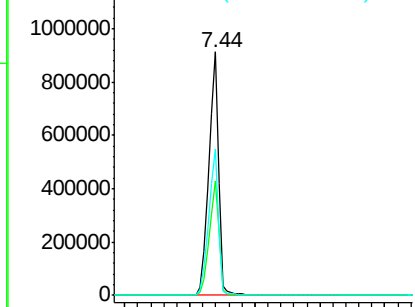
#23
 Nitrobenzene-d5
 Concen: 89.589 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103044.D
 Acq: 16 Feb 2018 11:38

Instrument :
 BNA_F
 ClientSampleId :
 PB106576BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.1	54.1
54	59.9	41.4	62.2

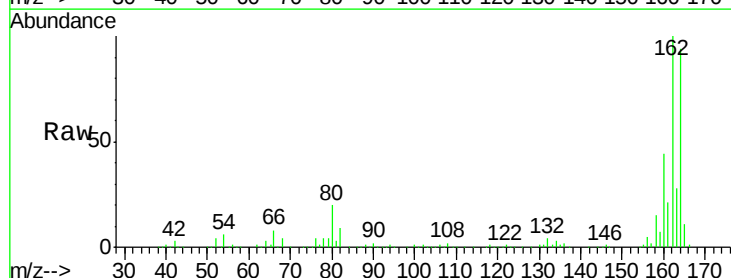


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

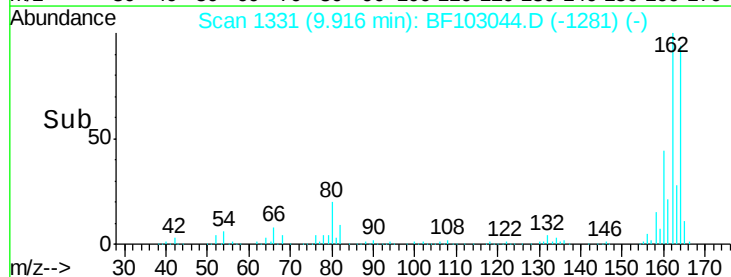
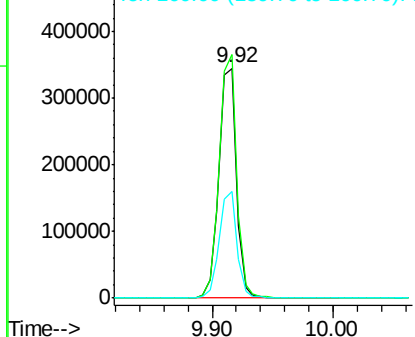


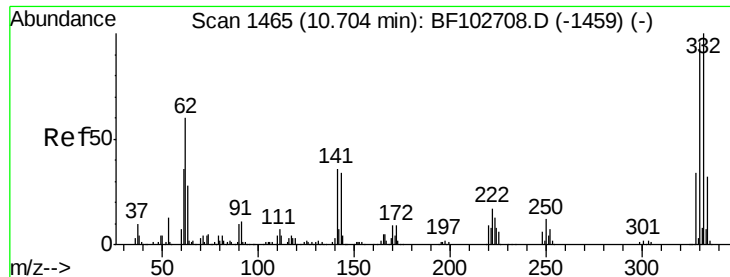
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103044.D
 Acq: 16 Feb 2018 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	46.1	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

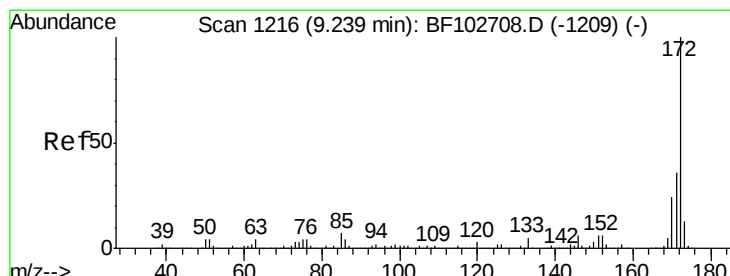
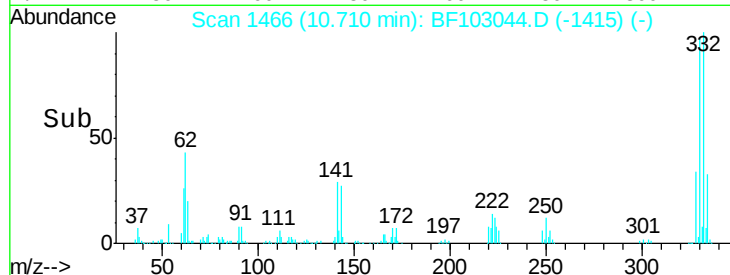
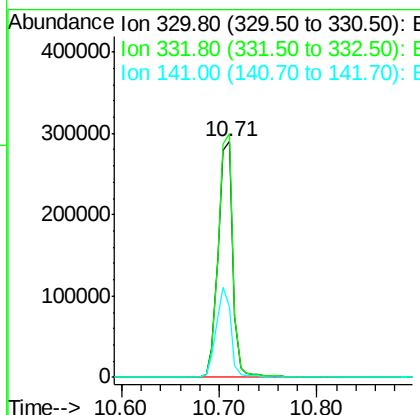
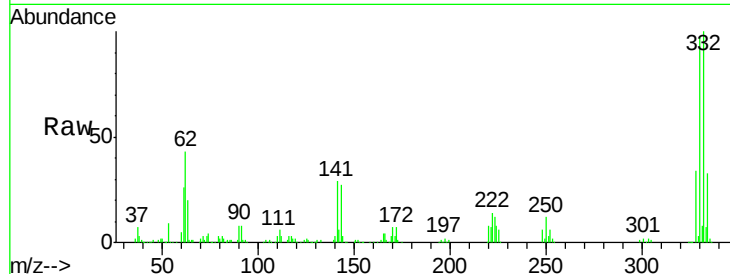




#41
 2,4,6-Tribromophenol
 Concen: 109.829 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103044.D
 Acq: 16 Feb 2018 11:38

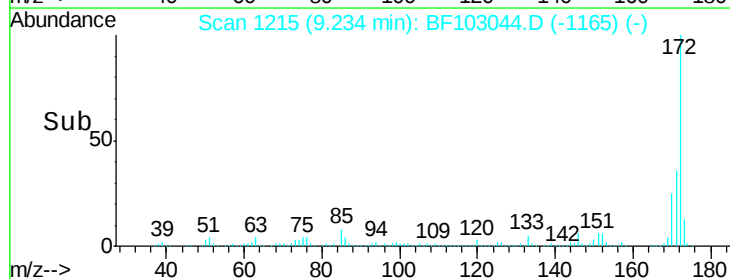
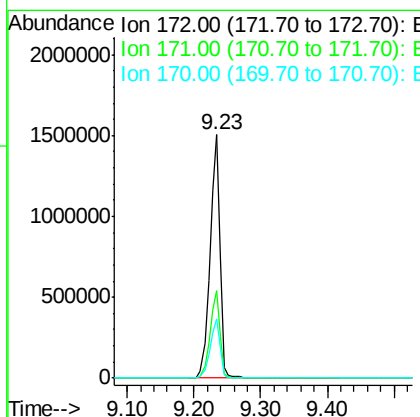
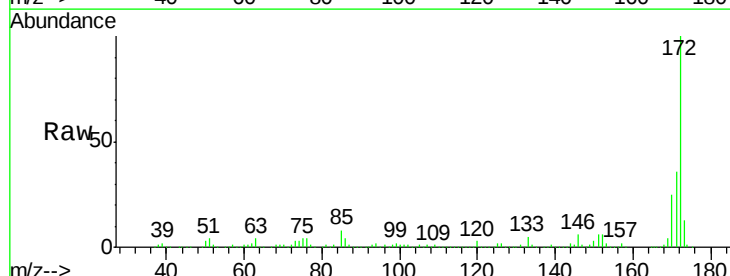
Instrument :
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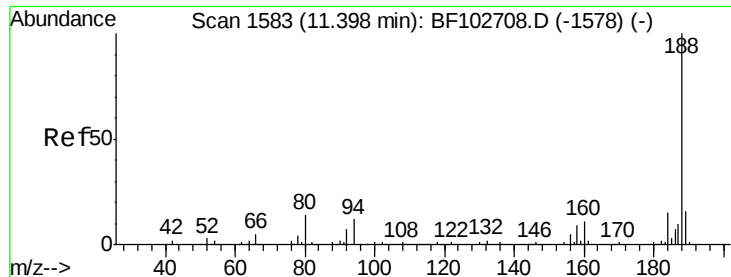
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.0	77.0	115.6
141	38.1	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.940 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103044.D
 Acq: 16 Feb 2018 11:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

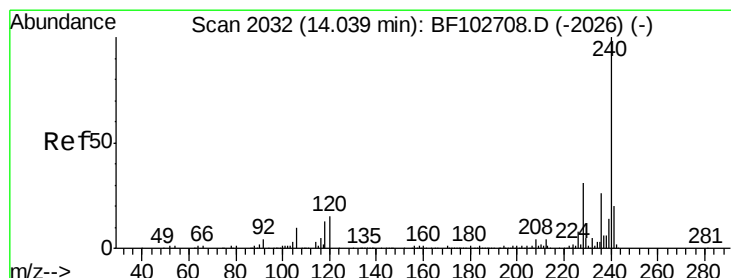
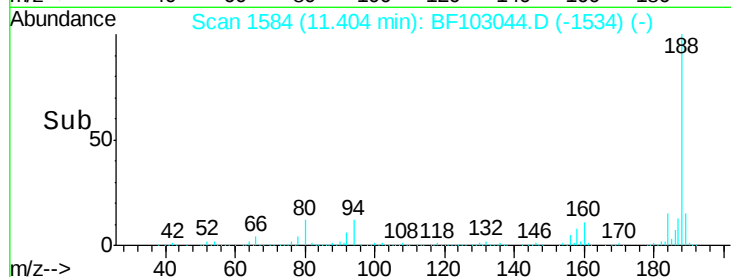
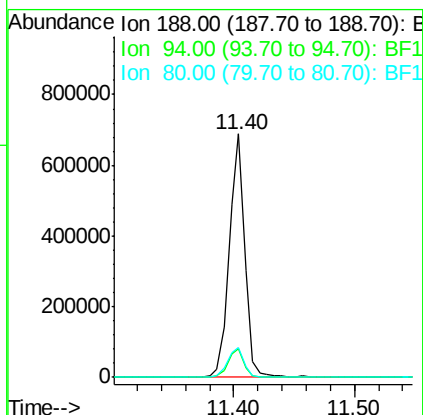
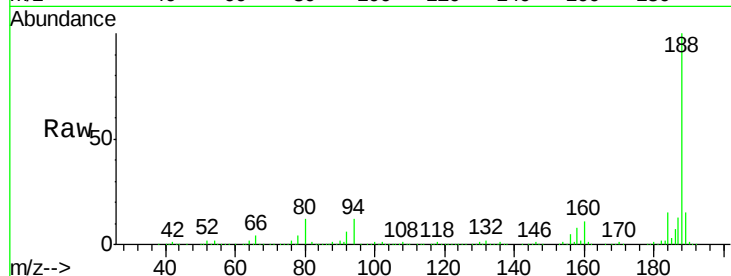




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

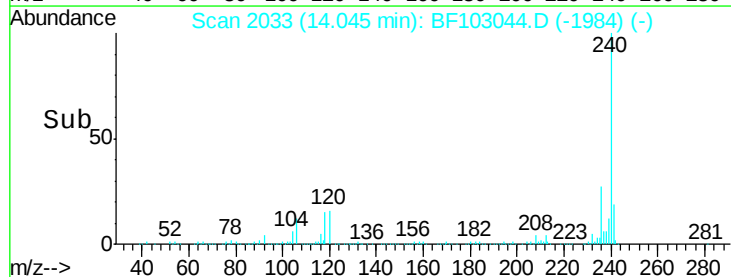
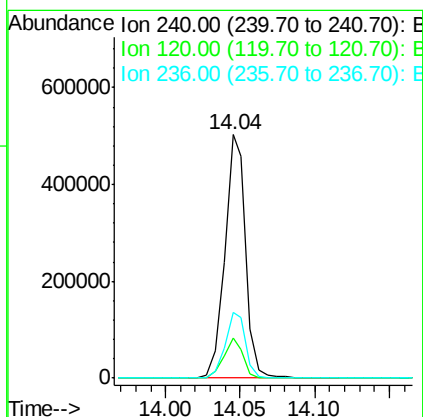
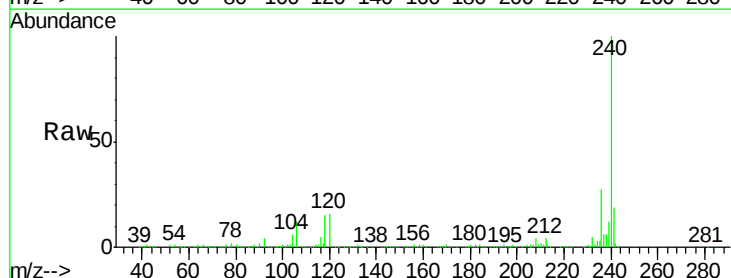
Instrument :
BNA_F
ClientSampleId :
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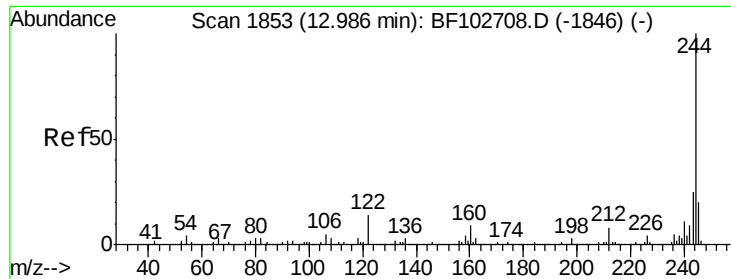
Tgt Ion:188 Resp: 611958
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103044.D
Acq: 16 Feb 2018 11:38

Tgt Ion:240 Resp: 495063
Ion Ratio Lower Upper
240 100
120 16.4 9.5 14.3#
236 27.1 20.7 31.1





#78

Terphenyl-d14

Concen: 70.727 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103044.D

Acq: 16 Feb 2018 11:38

Instrument :

BNA_F

ClientSampleId :

PB106576BL

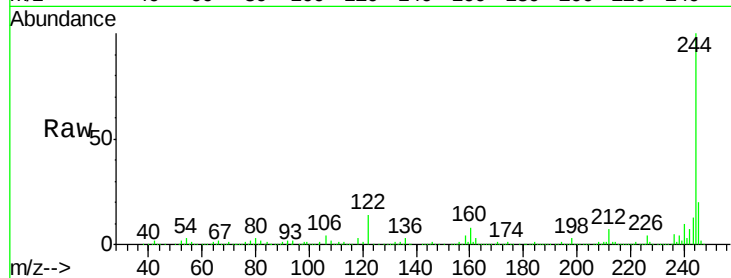
Tgt Ion:244 Resp: 1478792

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

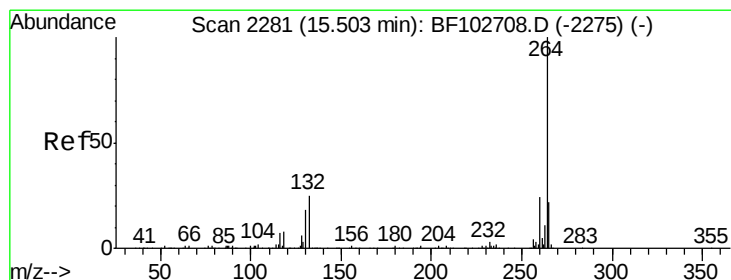
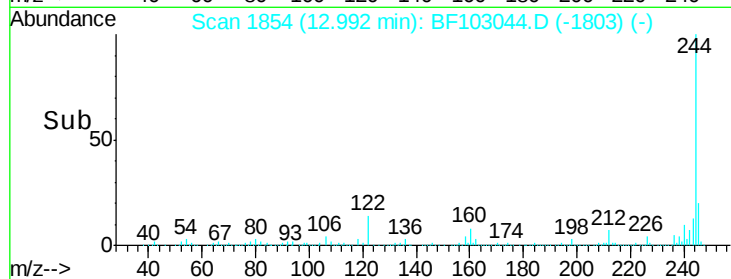
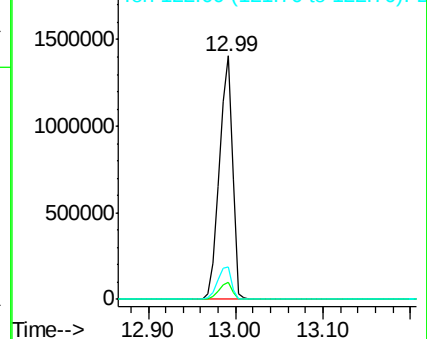
122 13.5 11.0 16.4



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# 2286

Delta R.T. -0.01 min

Lab File: BF103044.D

Acq: 16 Feb 2018 11:38

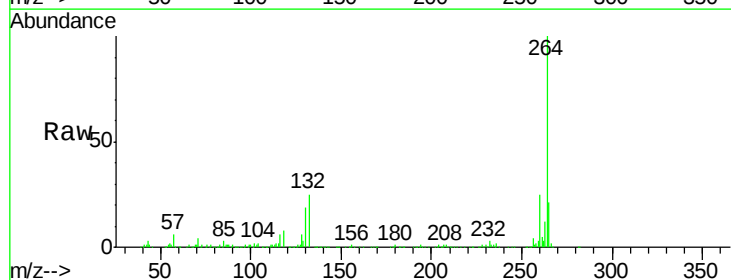
Tgt Ion:264 Resp: 433192

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.3 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

