

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100409.D
 Acq On : 10 Nov 2017 23:52
 Operator : SJ/JU
 Sample : I6332-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029

Quant Time: Nov 11 00:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

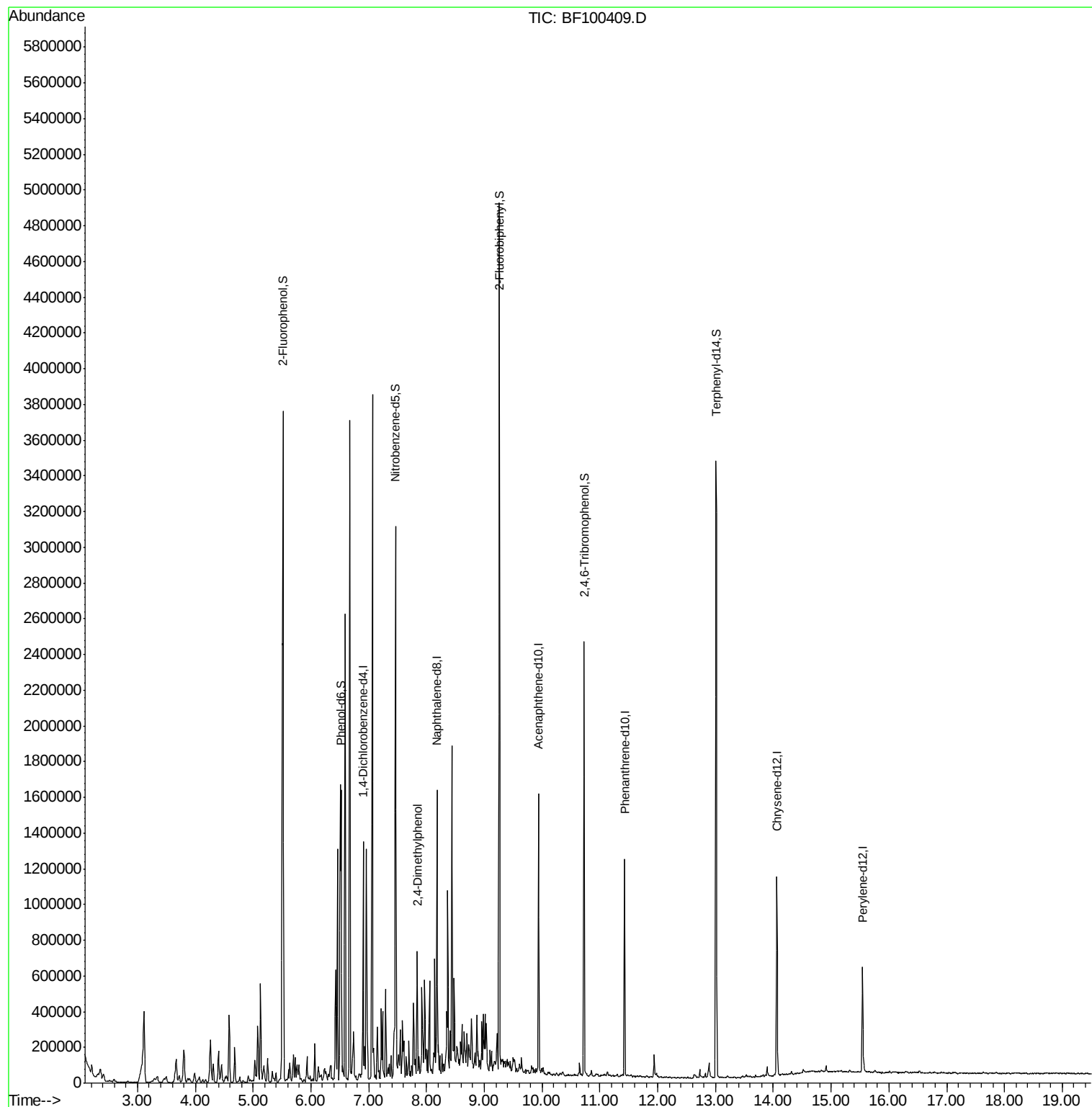
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181250	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	679855	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	282811	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	439685	20.00	ng	0.00
75) Chrysene-d12	14.06	240	365297	20.00	ng	0.00
86) Perylene-d12	15.54	264	285944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	547154	48.39	ng	0.00
7) Phenol-d6	6.52	99	458982	32.92	ng	0.00
23) Nitrobenzene-d5	7.47	82	1042960	101.42	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	314267	109.05	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1662199	89.50	ng	0.00
78) Terphenyl-d14	13.01	244	1262547	79.41	ng	0.00
Target Compounds						
27) 2,4-Dimethylphenol	7.85	122	116968	12.075	ng	Qvalue # 87

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

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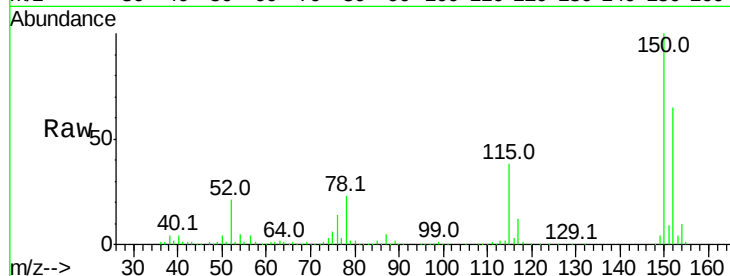


#1

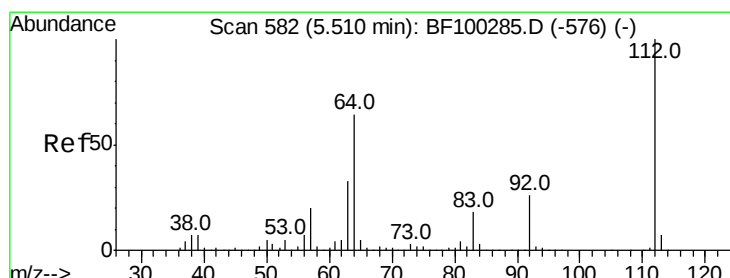
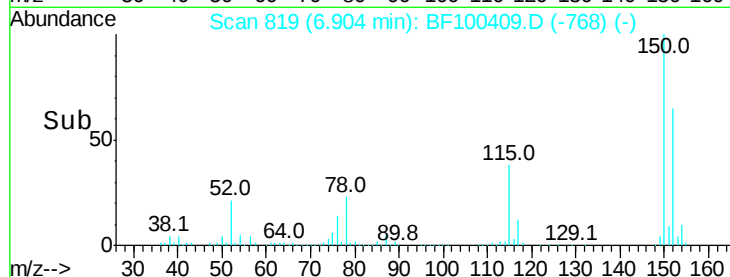
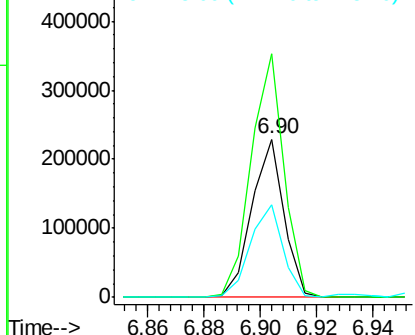
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029

Tot Ion:152 Resp: 181250
 Ion Ratio Lower Upper
 152 100
 150 153.8 124.6 186.8
 115 58.3 50.1 75.1



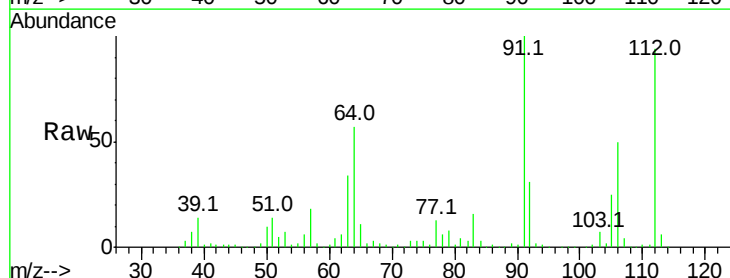
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



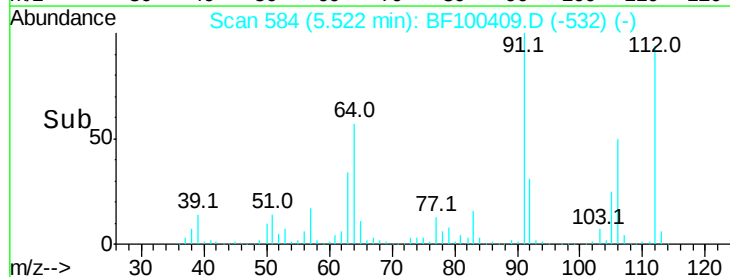
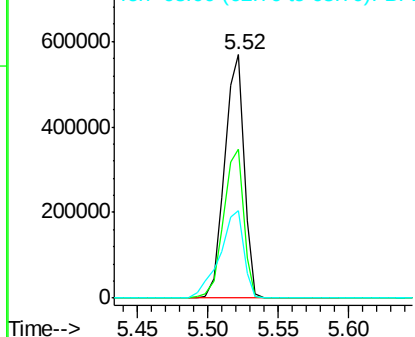
#5

2-Fluorophenol
 Concen: 48.391 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.01 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Tgt Ion:112 Resp: 547154
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 35.9 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: 32.918 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Instrument :

BNA_F

ClientSampleId :

S22-0029

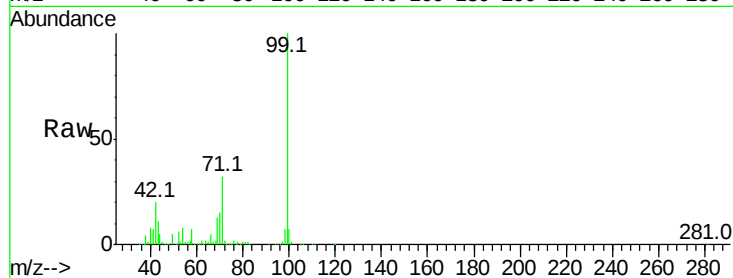
Tot Ion: 99 Resp: 458982

Ion Ratio Lower Upper

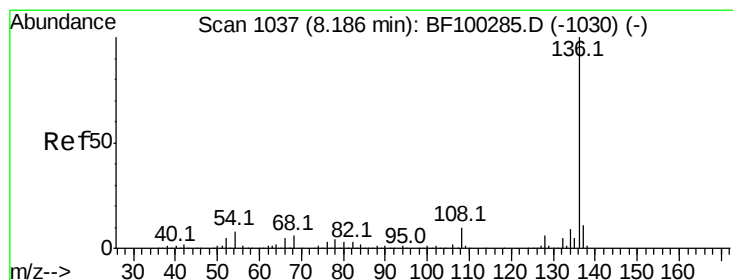
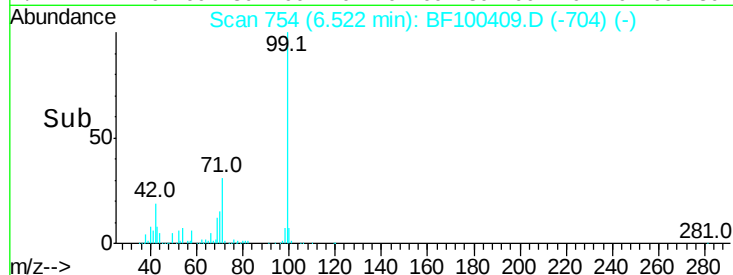
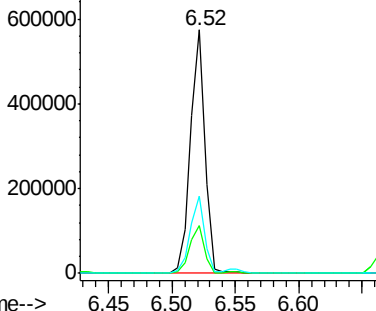
99 100

42 19.6 14.5 21.7

71 31.6 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: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Tgt Ion: 136 Resp: 679855

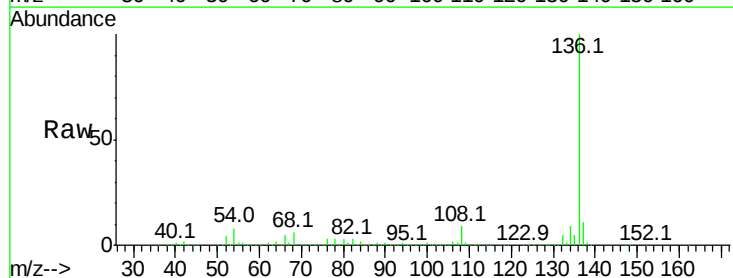
Ion Ratio Lower Upper

136 100

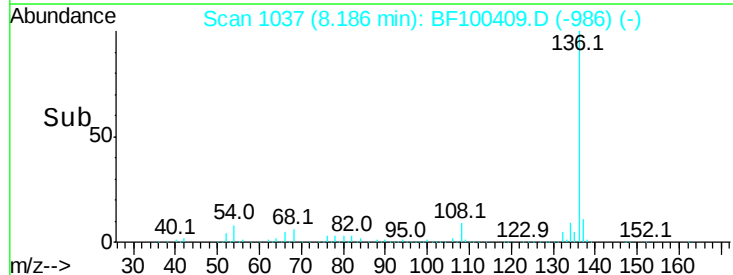
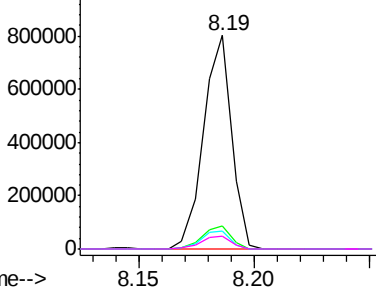
137 11.0 8.9 13.3

54 8.3 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

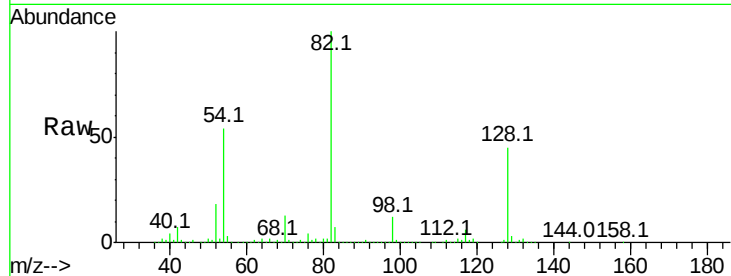




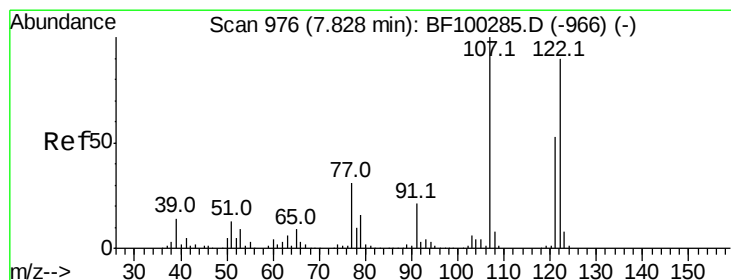
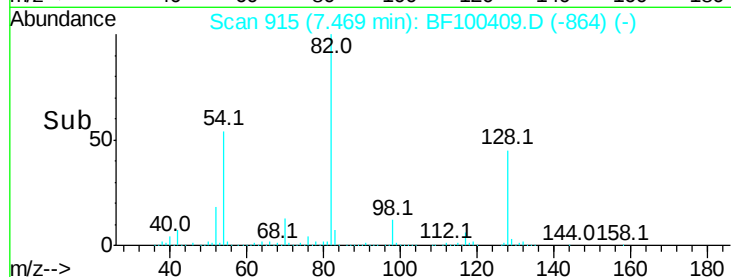
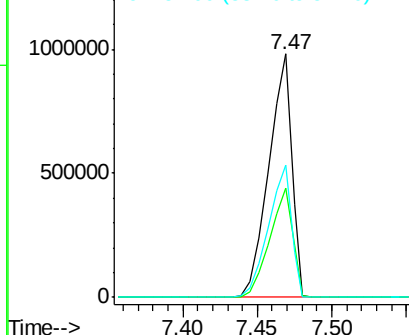
#23
Nitrobenzene-d5
Concen: 101.424 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Instrument :
BNA_F
ClientSampleId :
S22-0029

Tot Ion: 82 Resp: 1042960
Ion Ratio Lower Upper
82 100
128 44.8 36.1 54.1
54 54.3 41.4 62.2

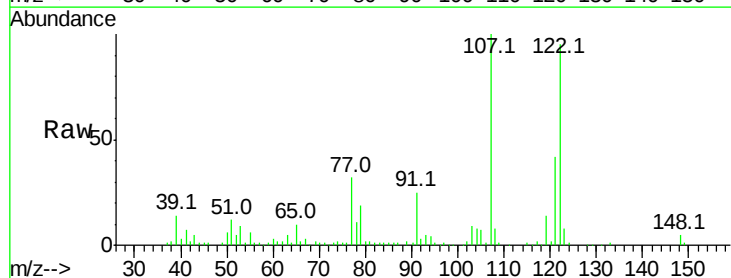


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

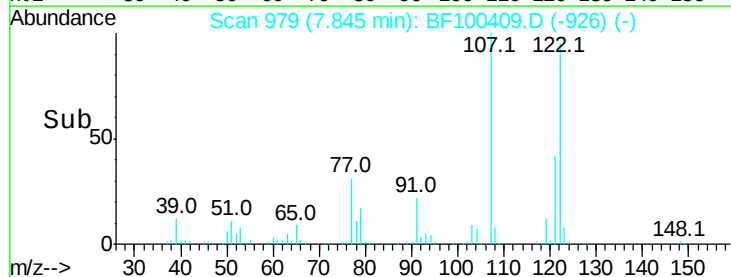
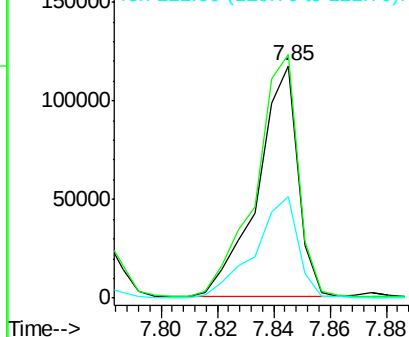


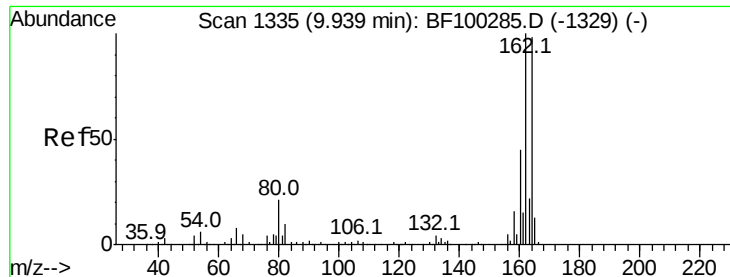
#27
2,4-Dimethylphenol
Concen: 12.075 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF100409.D
Acq: 10 Nov 2017 23:52

Tgt Ion:122 Resp: 116968
Ion Ratio Lower Upper
122 100
107 104.8 91.2 136.8
121 43.8 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 107.00 (106.70 to 107.70): BF1
Ion 121.00 (120.70 to 121.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Instrument :

BNA_F

ClientSampleId :

S22-0029

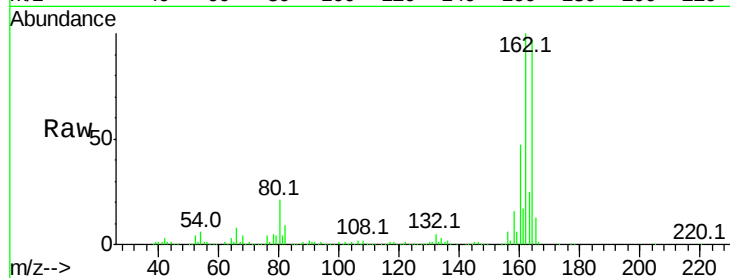
Tot Ion:164 Resp: 282811

Ion Ratio Lower Upper

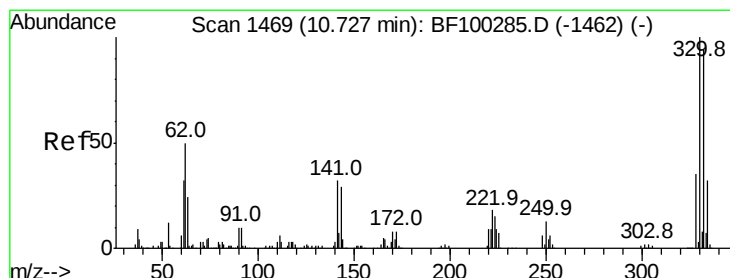
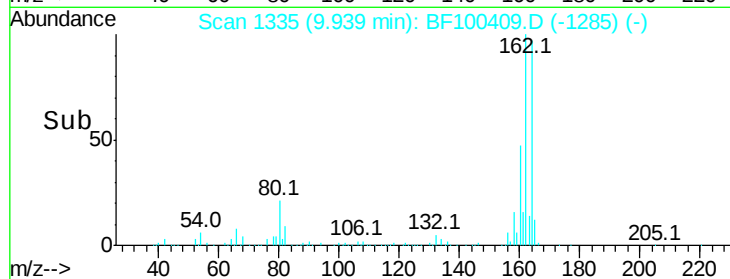
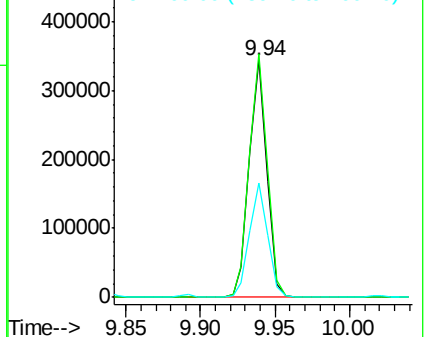
164 100

162 102.7 86.1 129.1

160 48.2 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 109.051 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

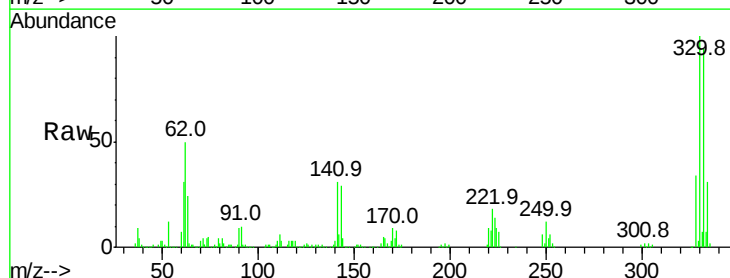
Tgt Ion:330 Resp: 314267

Ion Ratio Lower Upper

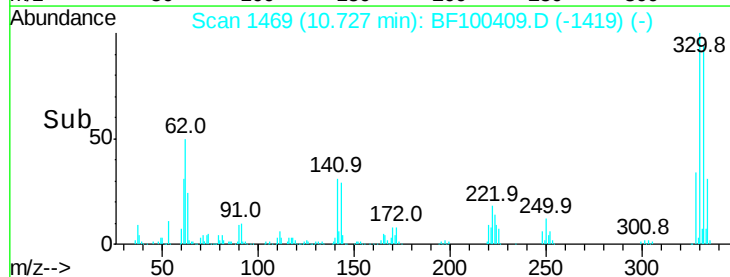
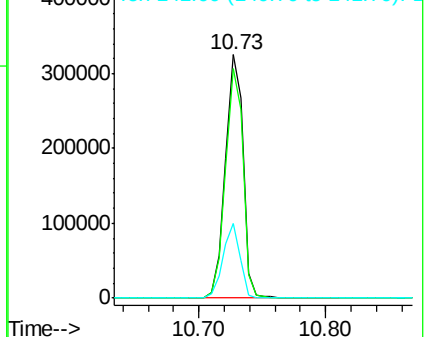
330 100

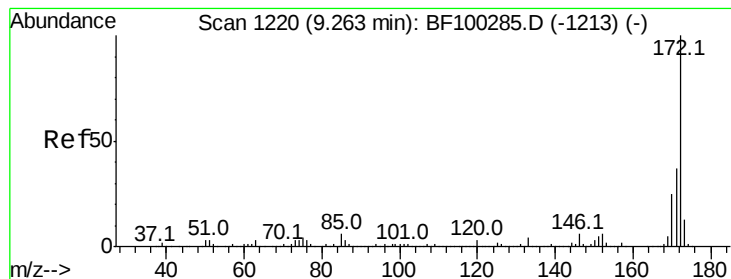
332 94.0 77.0 115.6

141 30.1 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: 89.496 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Instrument :

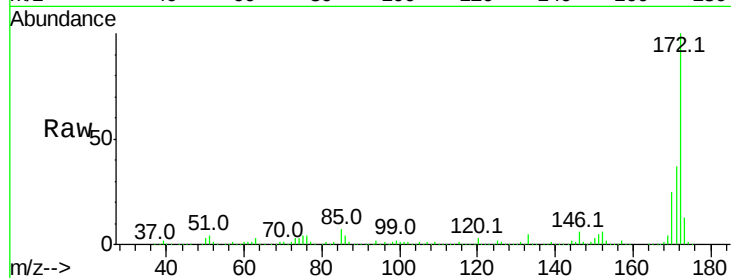
BNA_F

ClientSampleId :

S22-0029

Tot Ion:172 Resp: 1662199

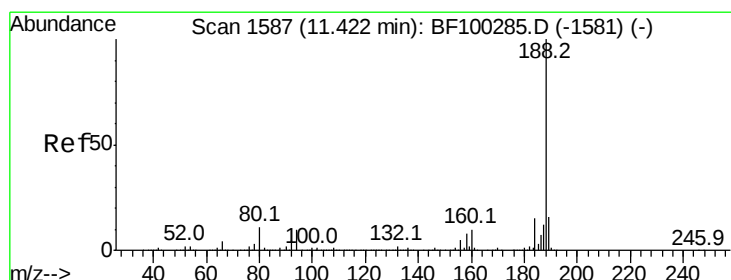
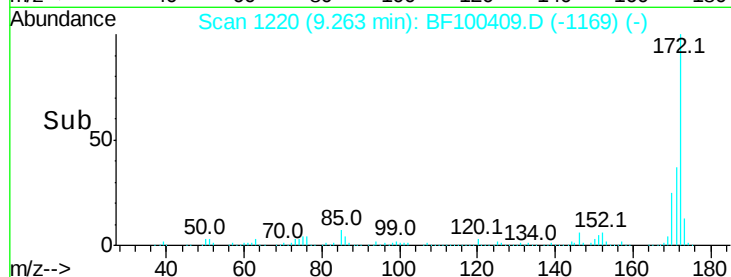
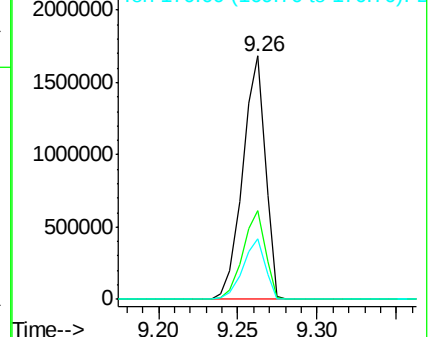
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4



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: 11.43 min Scan# 1588

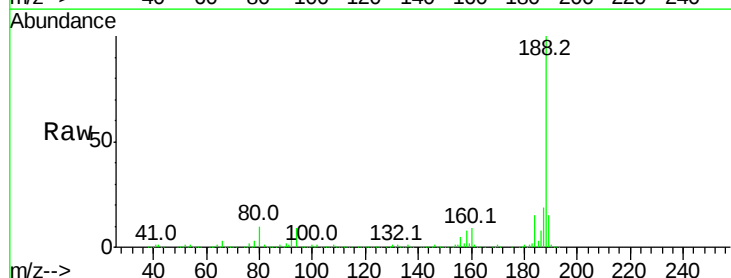
Delta R.T. -0.00 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Tgt Ion:188 Resp: 439685

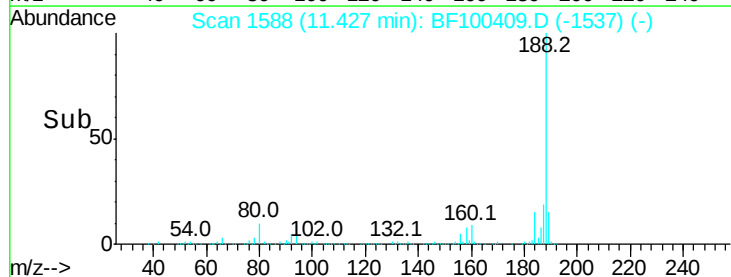
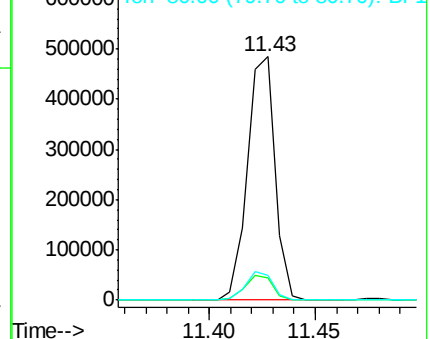
Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.9	9.2	13.8

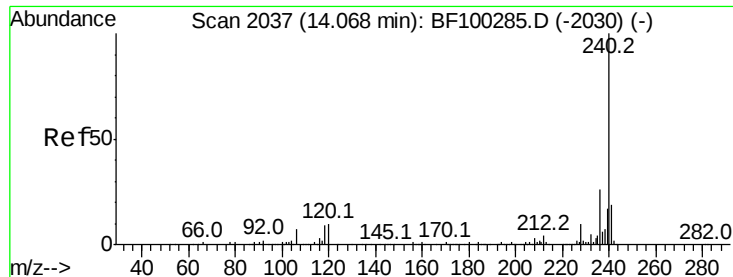


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

Instrument :

BNA_F

ClientSampleId :

S22-0029

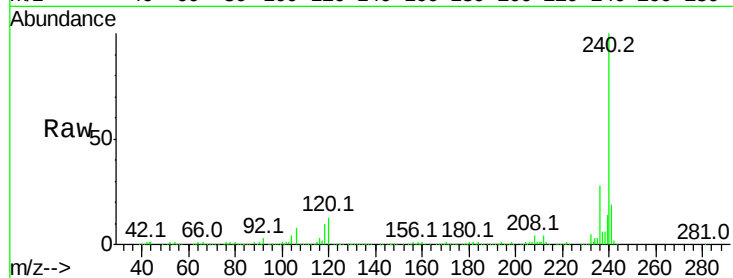
Tot Ion:240 Resp: 365297

Ion Ratio Lower Upper

240 100

120 12.5 9.5 14.3

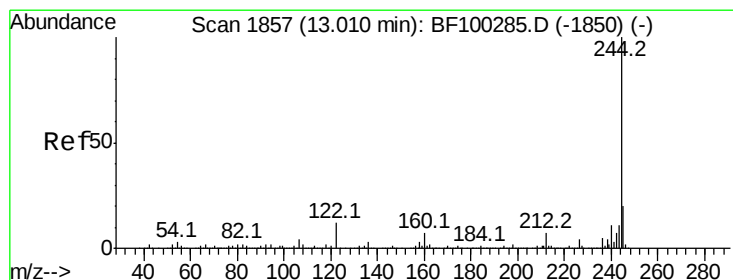
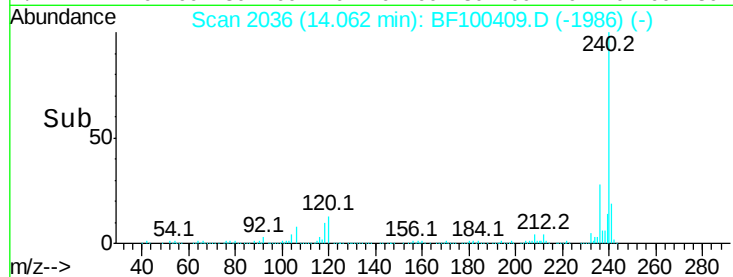
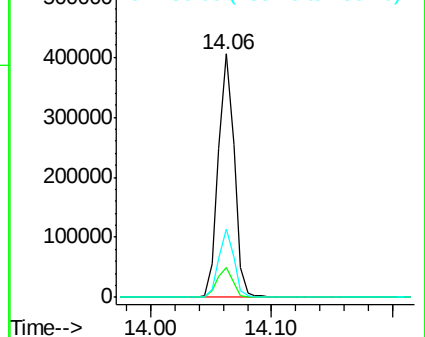
236 27.8 20.7 31.1



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: 79.414 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100409.D

Acq: 10 Nov 2017 23:52

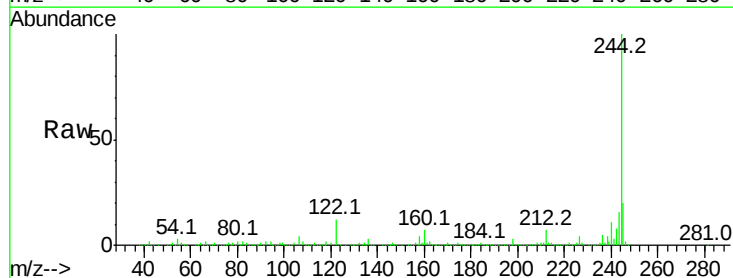
Tgt Ion:244 Resp: 1262547

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

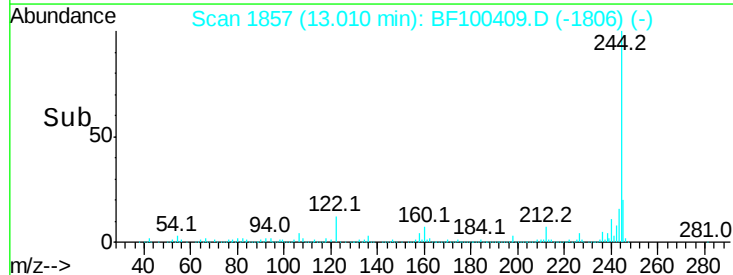
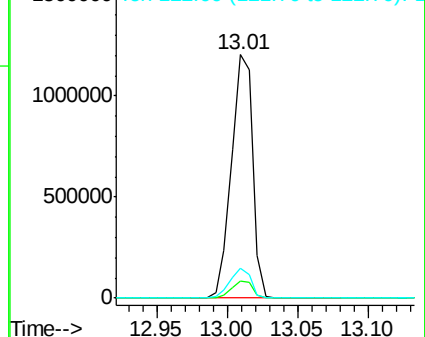
122 12.2 11.0 16.4

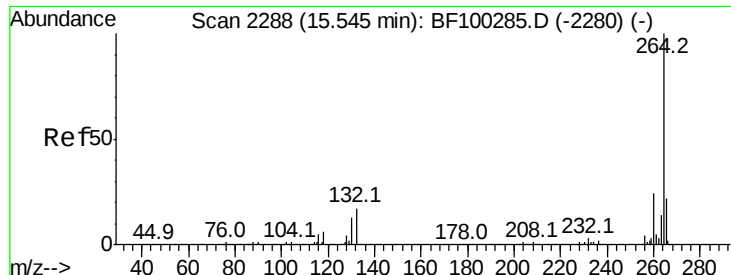


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

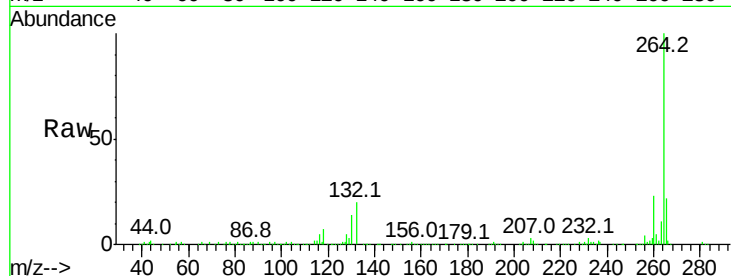




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100409.D
 Acq: 10 Nov 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 S22-0029

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	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

