

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102138.D
 Acq On : 17 Jan 2018 4:10
 Operator : SJ/JU
 Sample : J1115-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-3.5-4.0

Quant Time: Jan 17 06:45:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

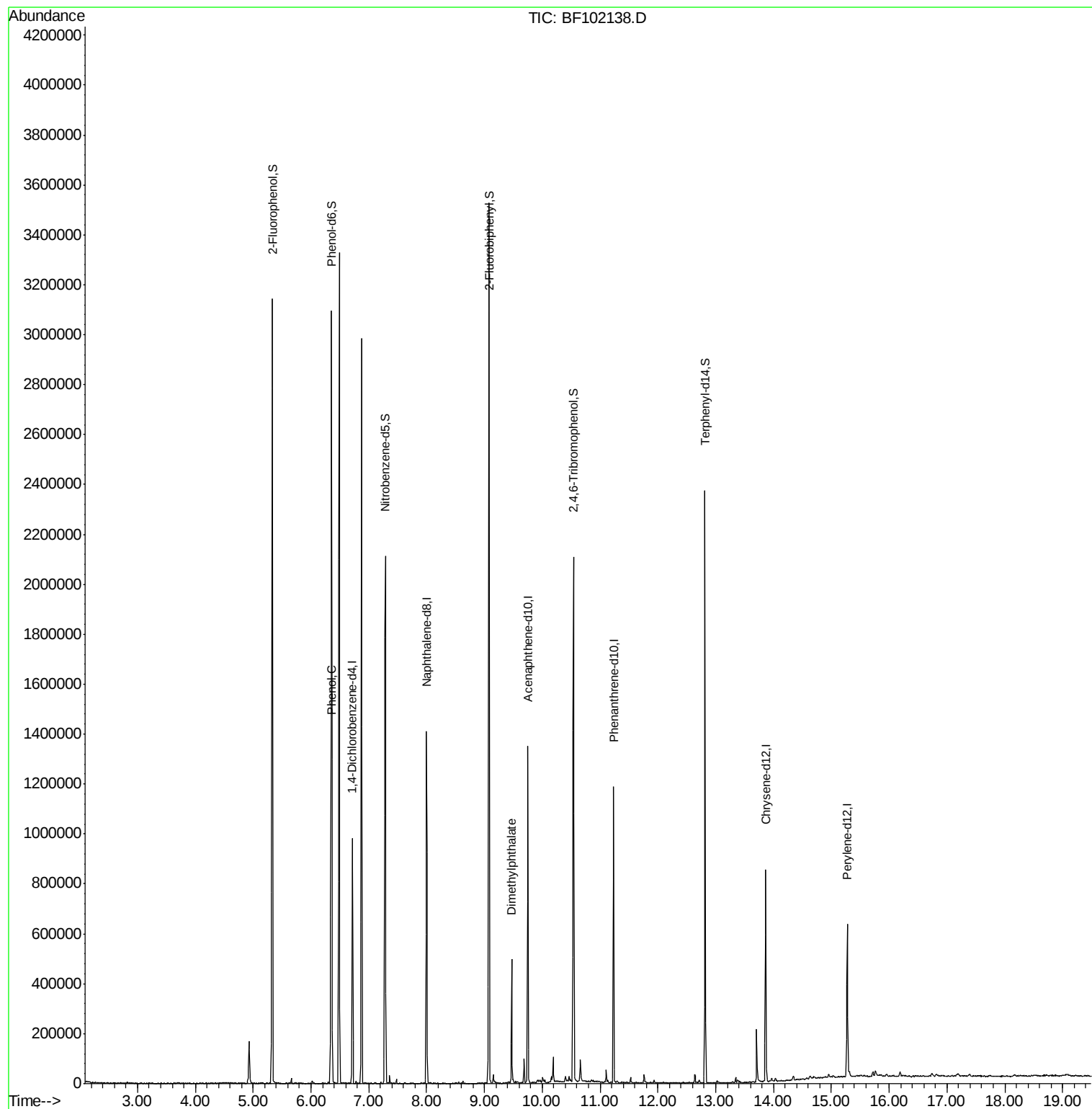
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	141376	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	574566	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	242416	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	381364	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	260711	20.00	ng	-0.02
86) Perylene-d12	15.27	264	256699	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	942186	94.11	ng	0.00
7) Phenol-d6	6.36	99	1111572	93.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	698849	71.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	224823	106.27	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1129573	72.80	ng	-0.01
78) Terphenyl-d14	12.82	244	772989	61.56	ng	-0.02
Target Compounds						
10) Phenol	6.37	94	48828	3.617	ng	97
49) Dimethylphthalate	9.47	163	184419	9.483	ng	100

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

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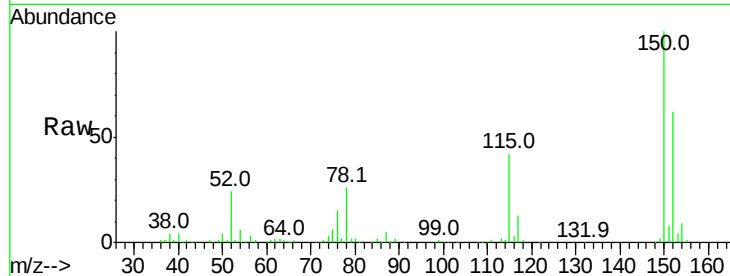


#1

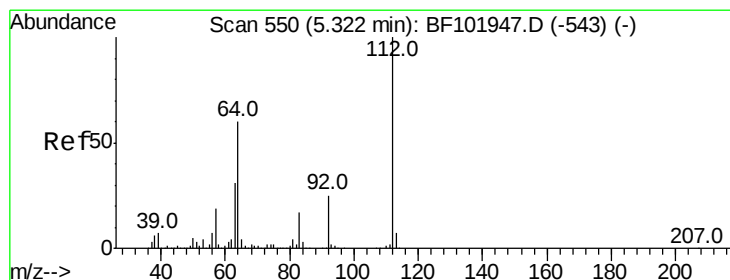
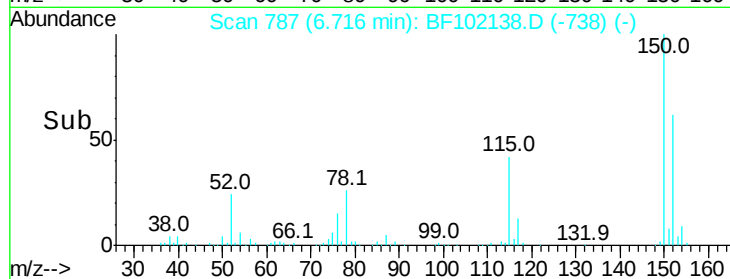
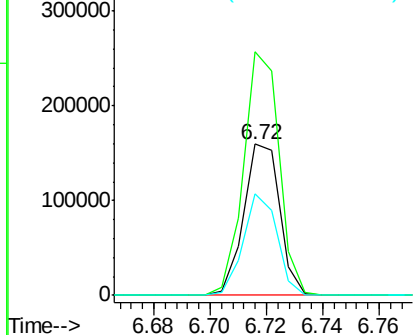
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Instrument :
BNA_F
ClientSampleId :
SB-38-3.5-4.0

Tot Ion:152 Resp: 141376
Ion Ratio Lower Upper
152 100
150 161.2 124.6 186.8
115 67.4 50.1 75.1



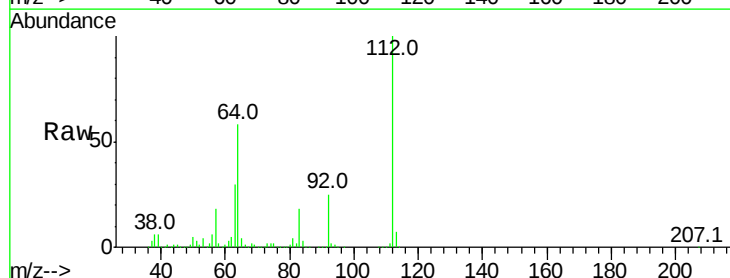
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



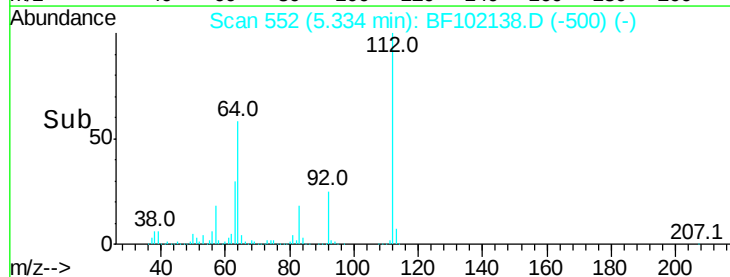
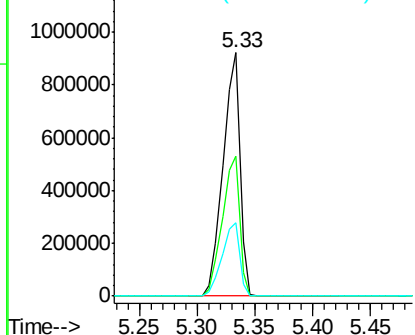
#5

2-Fluorophenol
Concen: 94.107 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Tgt Ion:112 Resp: 942186
Ion Ratio Lower Upper
112 100
64 57.7 47.9 71.9
63 29.9 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: 93.056 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Instrument :

BNA_F

ClientSampleId :

SB-38-3.5-4.0

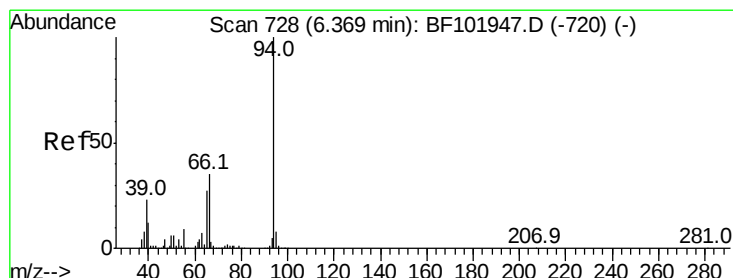
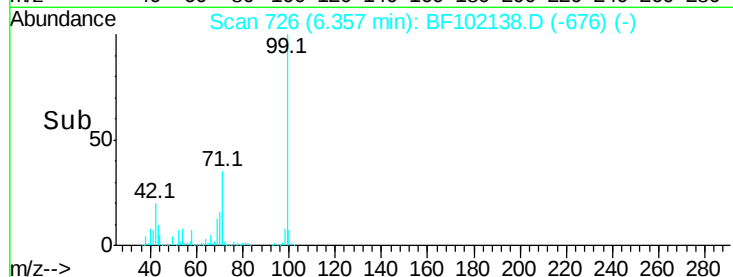
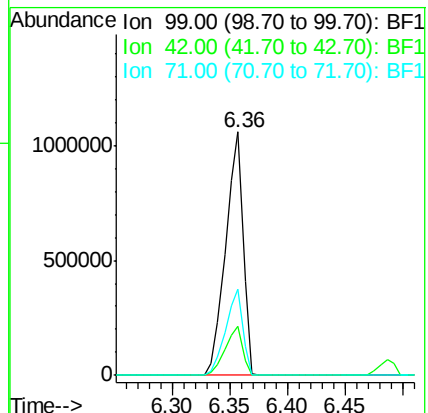
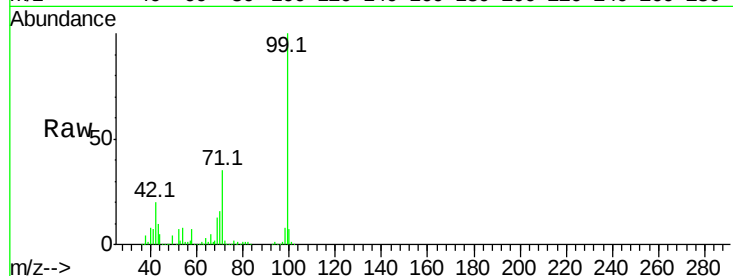
Tot Ion: 99 Resp: 1111572

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.4 25.4 38.0



#10

Phenol

Concen: 3.617 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

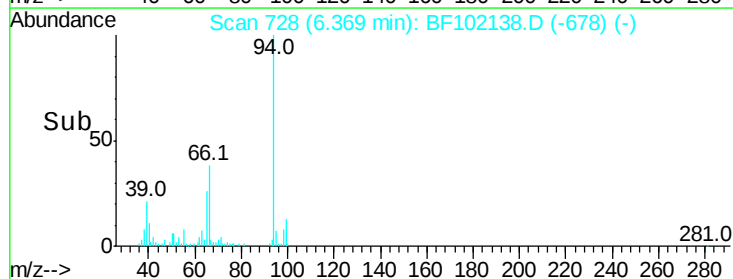
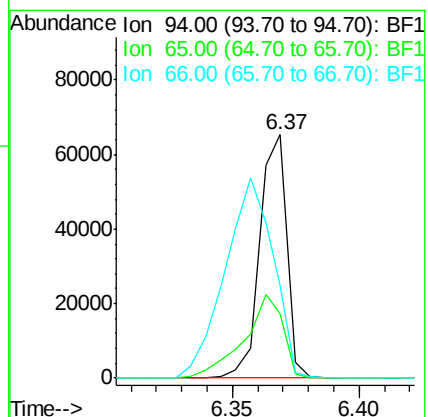
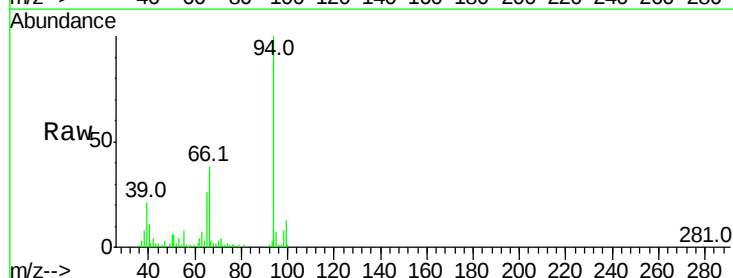
Tgt Ion: 94 Resp: 48828

Ion Ratio Lower Upper

94 100

65 26.3 7.9 47.9

66 38.2 16.2 56.2

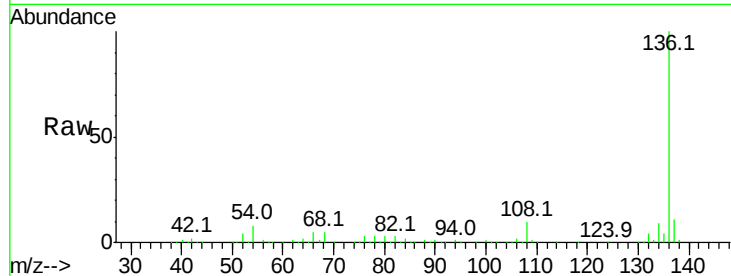




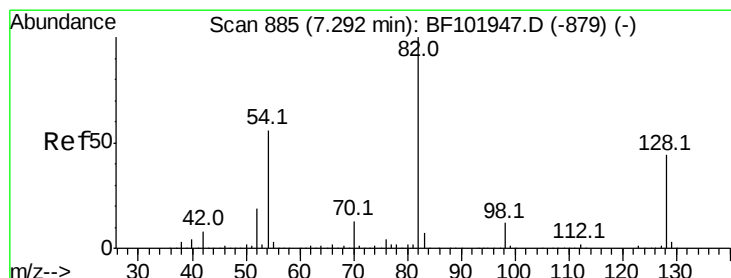
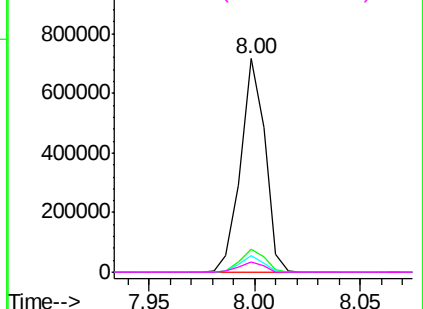
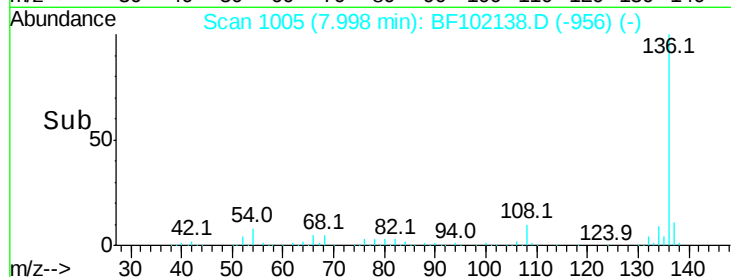
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Instrument :
BNA_F
ClientSampleId :
SB-38-3.5-4.0

Tot Ion:136	Resp:	574566
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	8.0	6.6 9.8
68	5.1	5.0 7.4

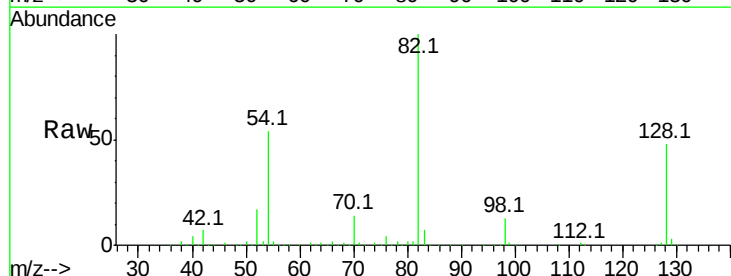


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

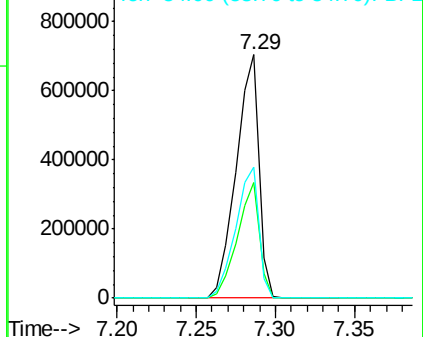
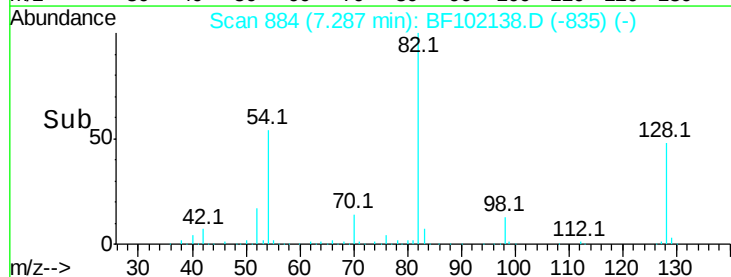


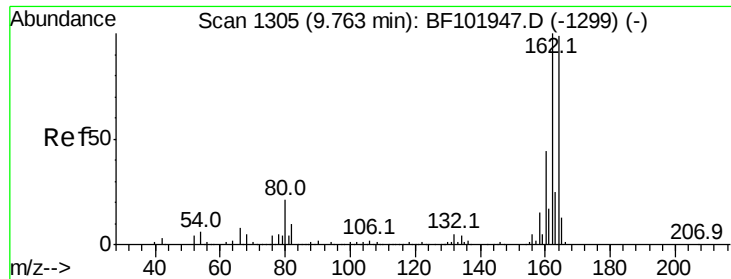
#23
Nitrobenzene-d5
Concen: 71.475 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Tgt Ion: 82	Resp:	698849
Ion Ratio	Lower	Upper
82	100	
128	47.7	36.1 54.1
54	53.7	41.4 62.2



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

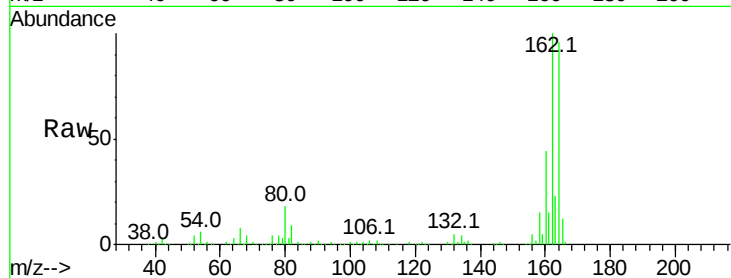




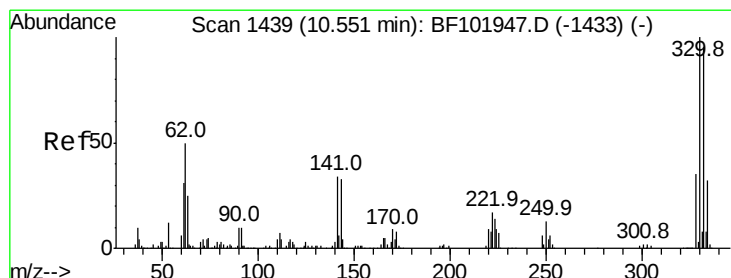
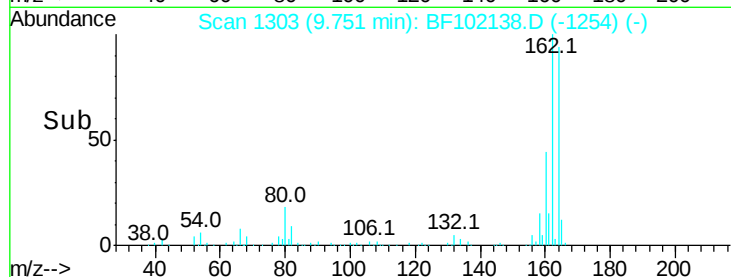
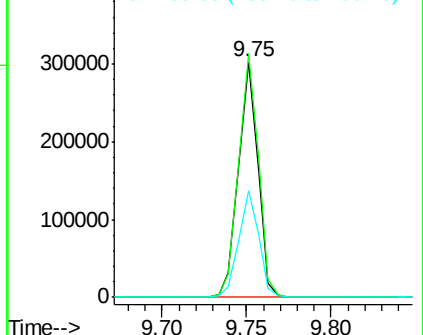
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Instrument :
BNA_F
ClientSampleId :
SB-38-3.5-4.0

Tot Ion:164 Resp: 242416
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 45.7 38.3 57.5

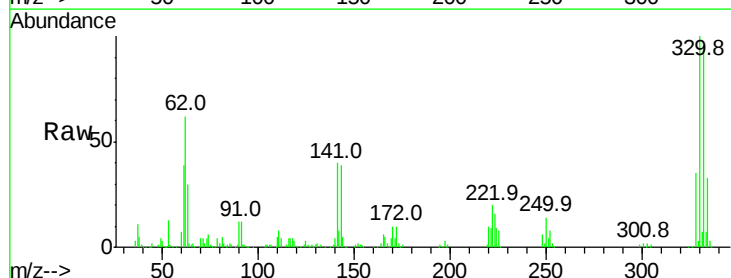


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

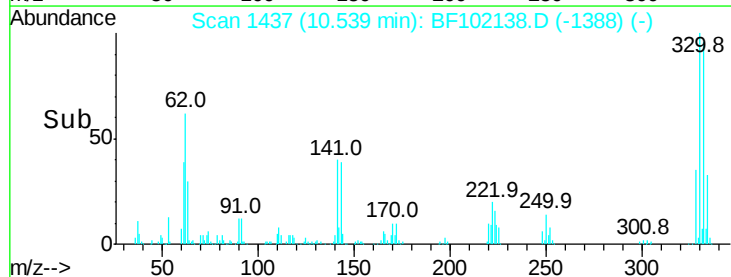
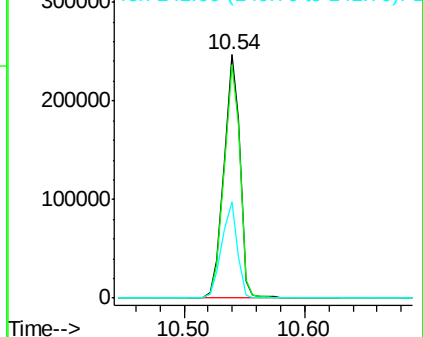


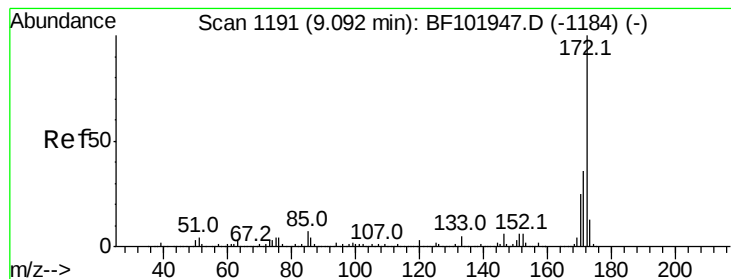
#41
2,4,6-Tribromophenol
Concen: 106.272 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Tgt Ion:330 Resp: 224823
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 38.5 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: 72.796 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

Instrument :

BNA_F

ClientSampleId :

SB-38-3.5-4.0

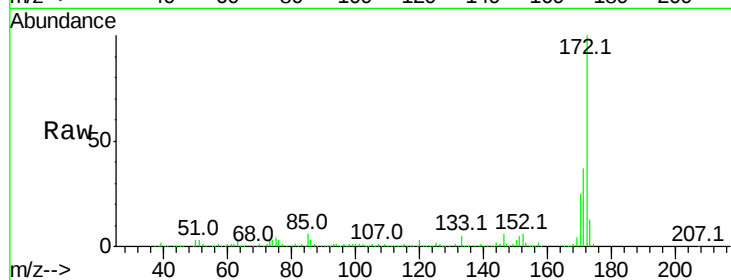
Tot Ion:172 Resp: 1129573

Ion Ratio Lower Upper

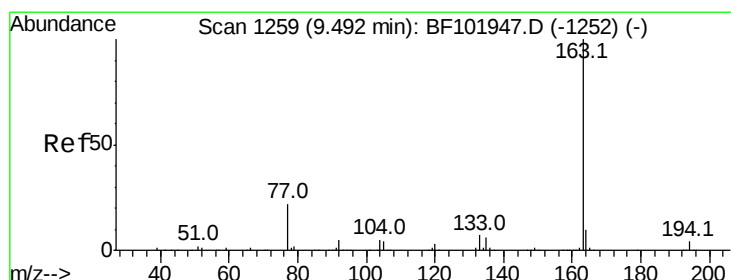
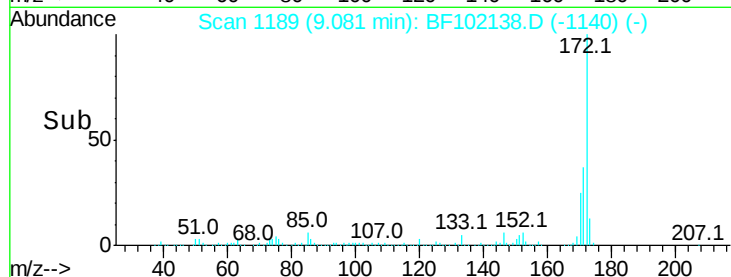
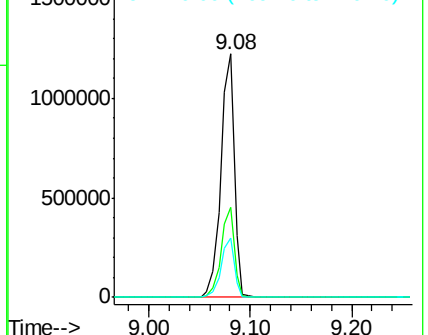
172 100

171 36.7 29.7 44.5

170 24.5 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



#49

Dimethylphthalate

Concen: 9.483 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102138.D

Acq: 17 Jan 2018 4:10

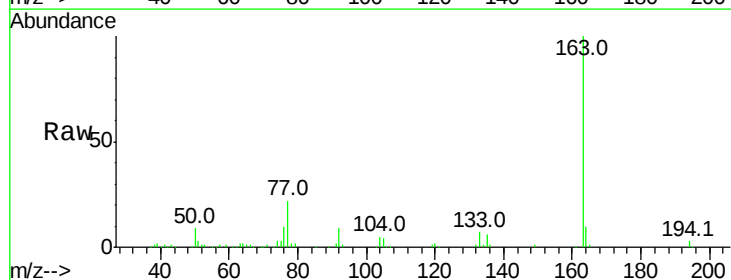
Tgt Ion:163 Resp: 184419

Ion Ratio Lower Upper

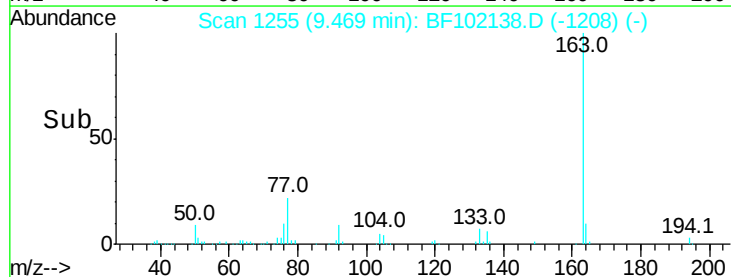
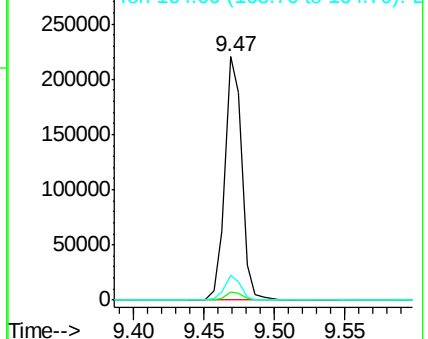
163 100

194 3.3 2.7 4.1

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

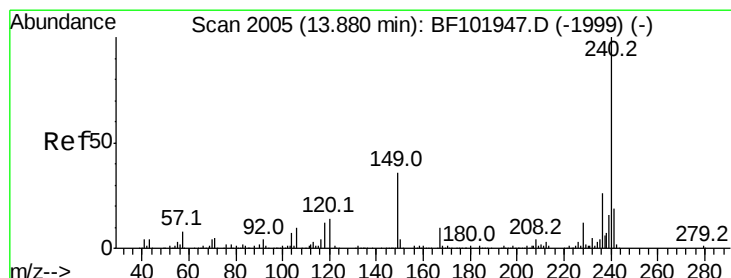
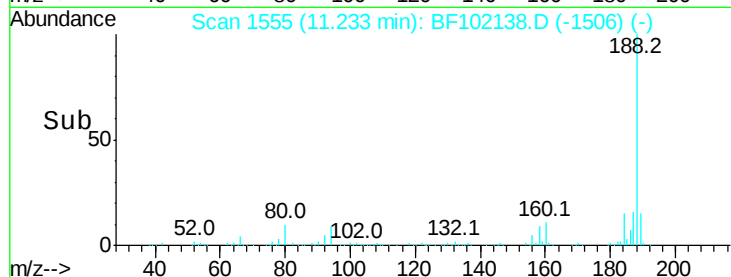
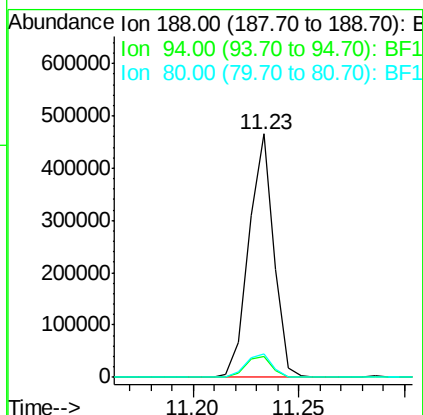
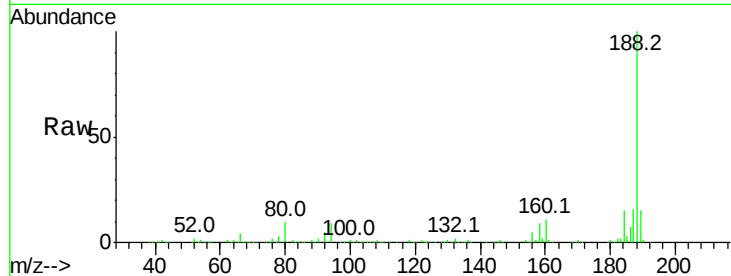




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

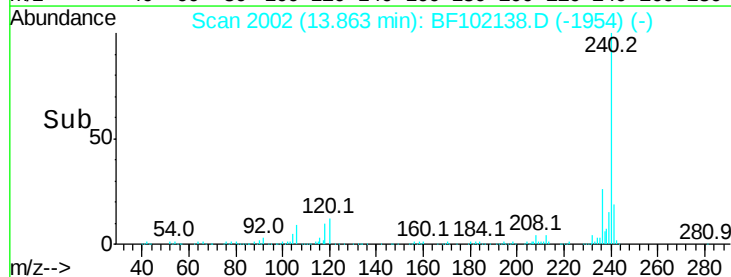
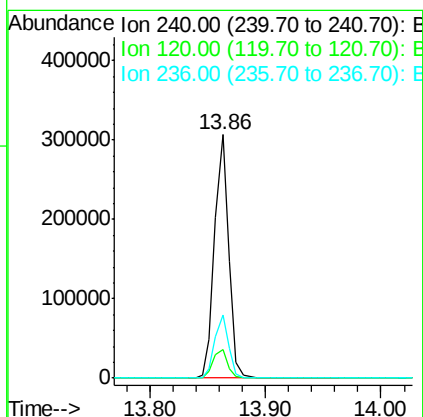
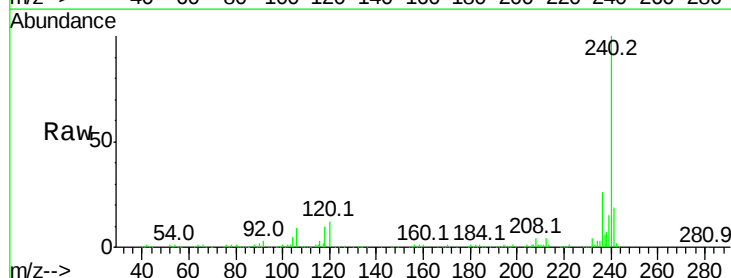
Instrument :
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Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.9	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102138.D
Acq: 17 Jan 2018 4:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	9.5	14.3
236	25.8	20.7	31.1

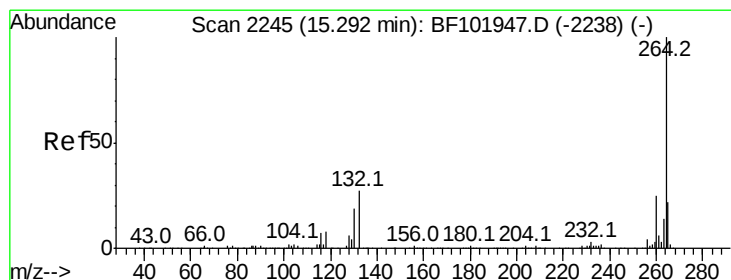
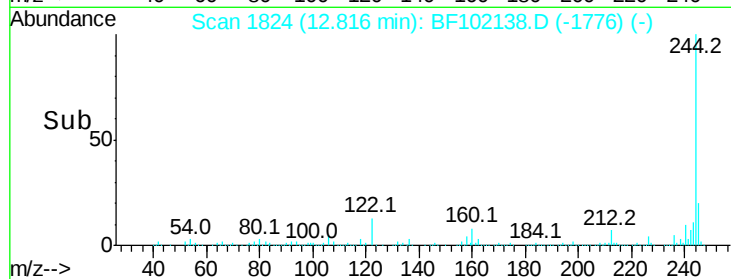
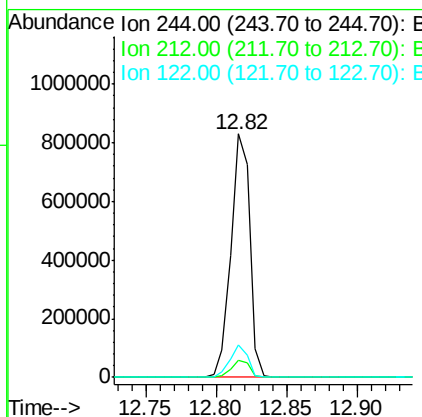
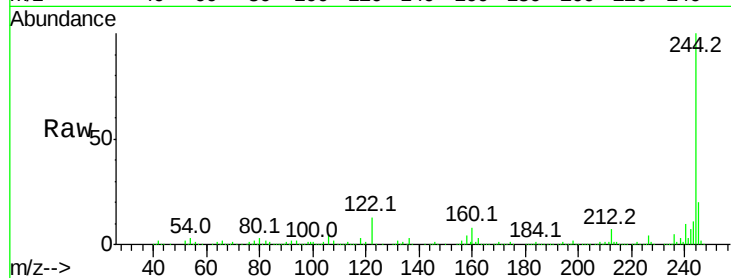




#78
 Terphenyl-d14
 Concen: 61.560 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-3.5-4.0

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.5	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF102138.D
 Acq: 17 Jan 2018 4:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.1	17.5	26.3

