

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102087.D
 Acq On : 16 Jan 2018 2:13
 Operator : SJ/JU
 Sample : J1114-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-2.0-2.5

Quant Time: Jan 16 04:13:01 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

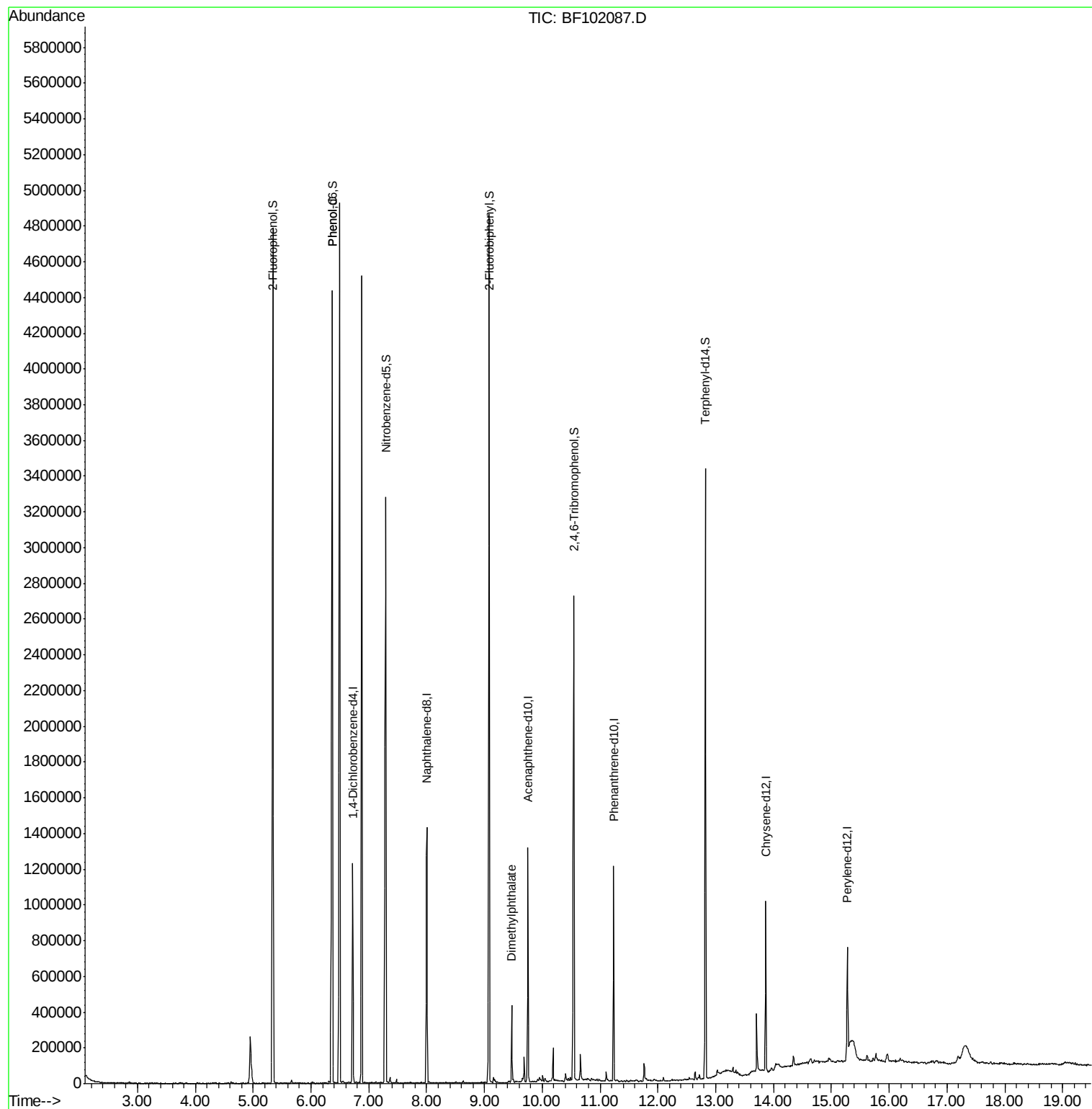
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168060	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	656579	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	256371	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	370569	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	289919	20.00	ng	-0.02
86) Perylene-d12	15.28	264	257861	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1628077	136.80	ng	0.02
7) Phenol-d6	6.37	99	1890066	133.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	1221899	109.36	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	333599	149.11	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1783010	108.65	ng	-0.01
78) Terphenyl-d14	12.82	244	1133470	81.17	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	44181	2.753	ng	Qvalue # 75
49) Dimethylphthalate	9.47	163	152380	7.409	ng	99

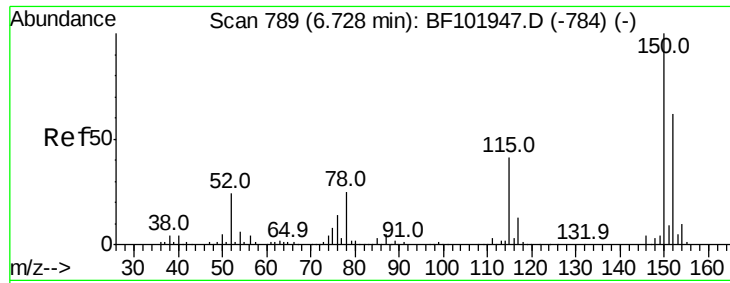
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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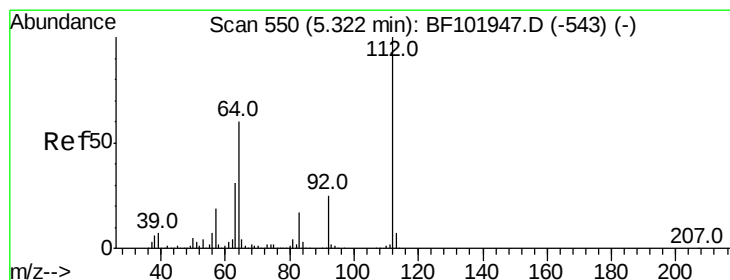
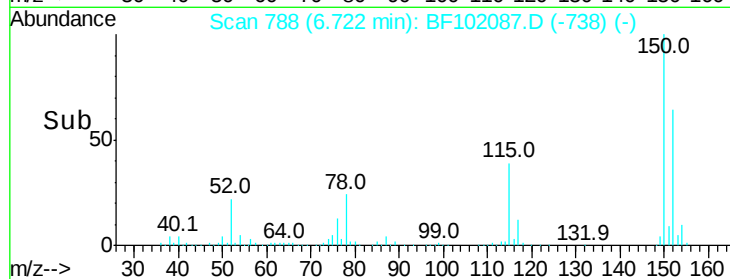
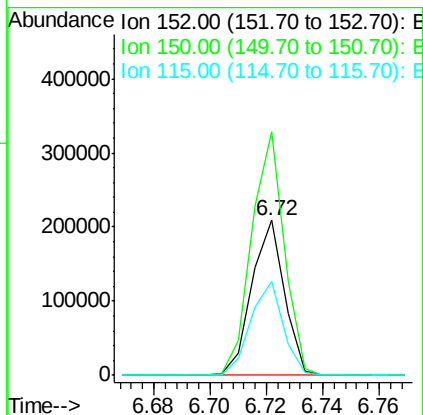
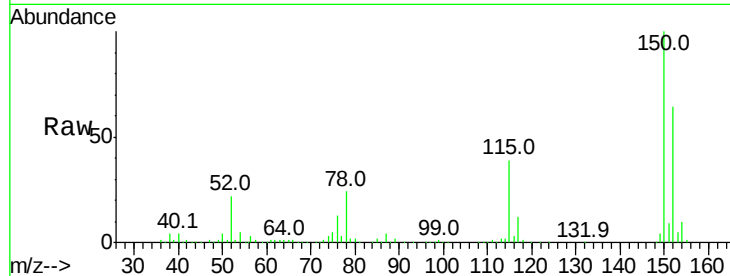


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102087.D
 Acq: 16 Jan 2018 2:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-25-2.0-2.5

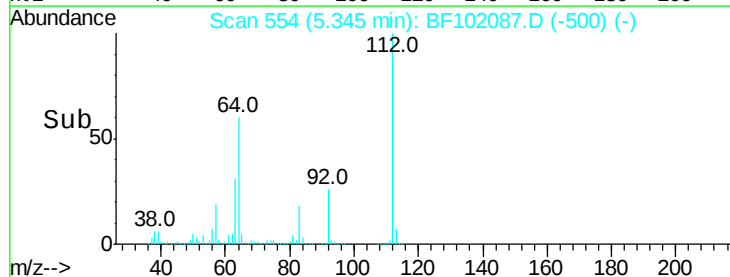
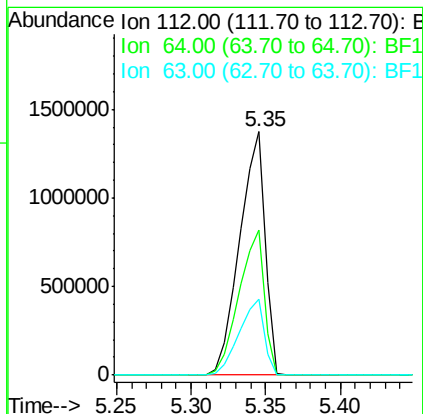
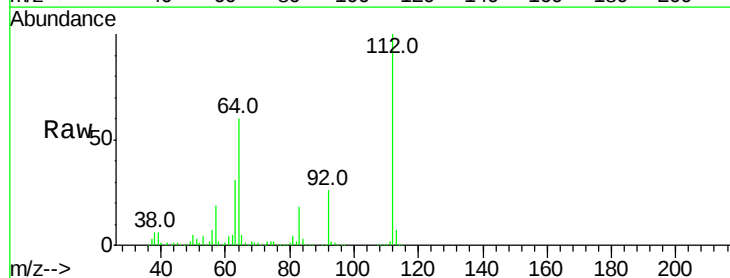
Tot Ion:152 Resp: 168060
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.6 186.8
 115 60.5 50.1 75.1



#5

2-Fluorophenol
 Concen: 136.795 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102087.D
 Acq: 16 Jan 2018 2:13

Tgt Ion:112 Resp: 1628077
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 133.105 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102087.D

Acq: 16 Jan 2018 2:13

Instrument :

BNA_F

ClientSampleId :

SB-25-2.0-2.5

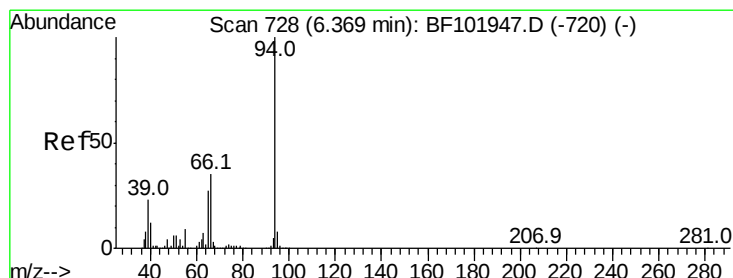
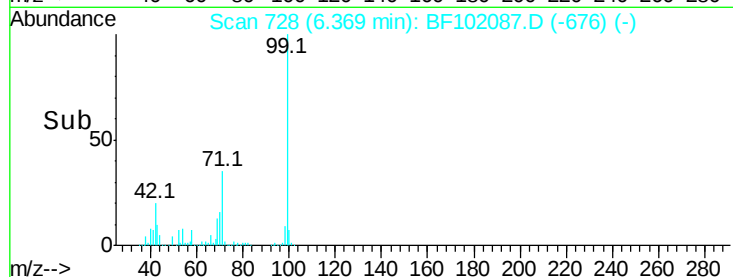
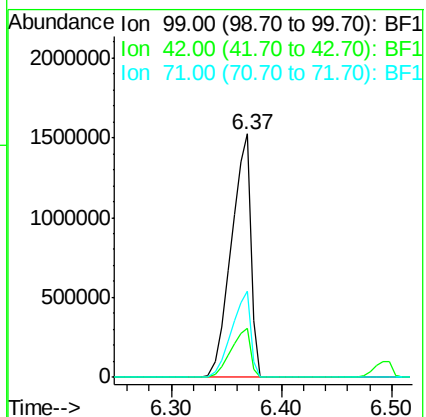
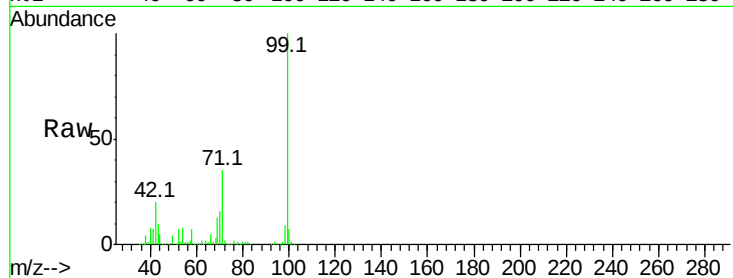
Tot Ion: 99 Resp: 1890066

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 35.4 25.4 38.0



#10

Phenol

Concen: 2.753 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102087.D

Acq: 16 Jan 2018 2:13

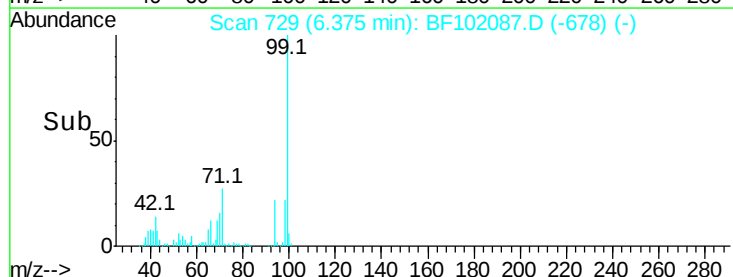
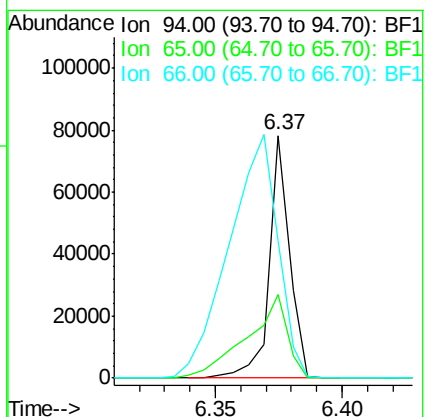
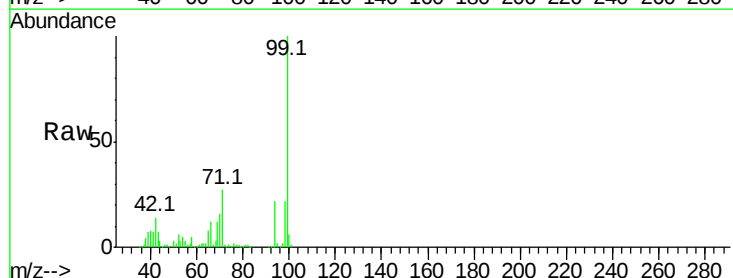
Tgt Ion: 94 Resp: 44181

Ion Ratio Lower Upper

94 100

65 34.3 7.9 47.9

66 56.6 16.2 56.2#

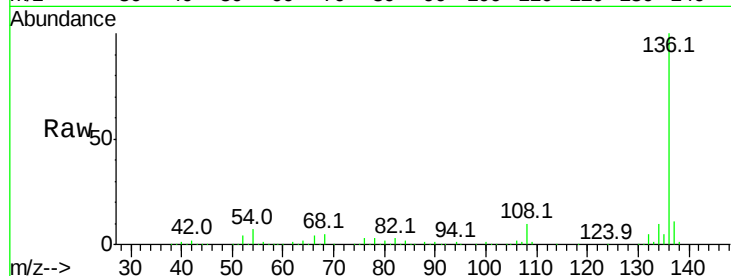




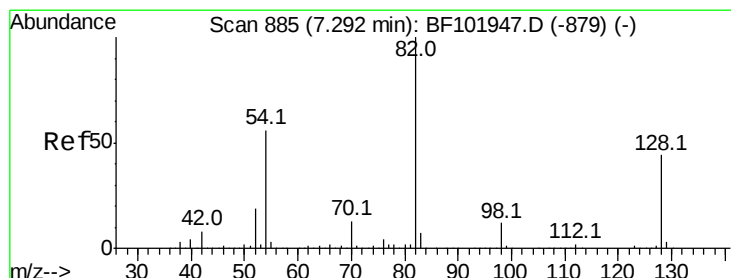
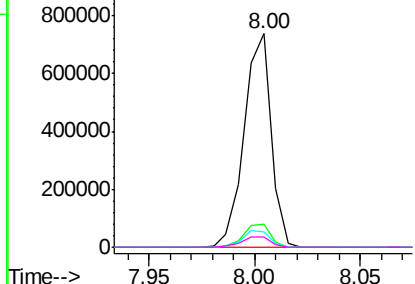
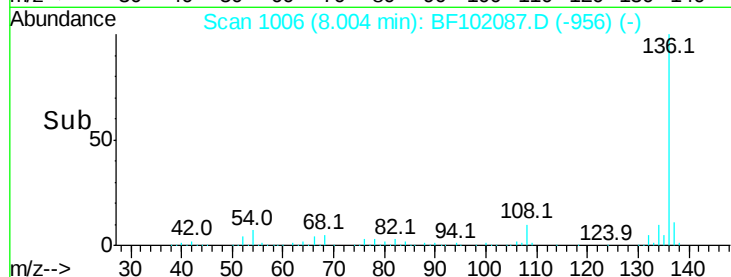
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102087.D
Acq: 16 Jan 2018 2:13

Instrument :
BNA_F
ClientSampleId :
SB-25-2.0-2.5

Tot Ion:	136	Resp:	656579
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.4	6.6	9.8
68	5.0	5.0	7.4

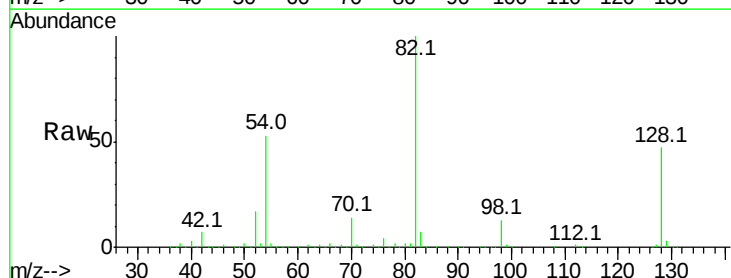


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

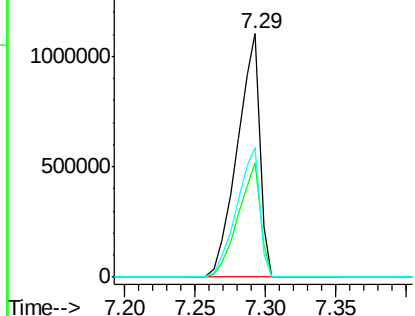
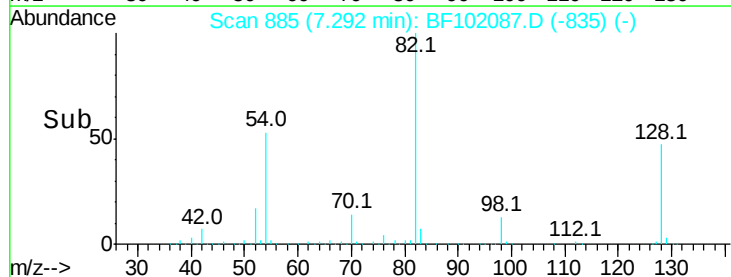


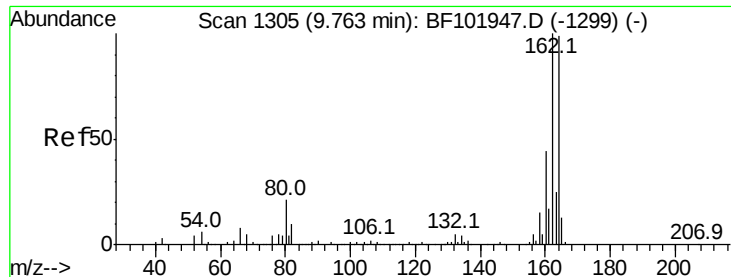
#23
Nitrobenzene-d5
Concen: 109.360 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102087.D
Acq: 16 Jan 2018 2:13

Tgt Ion:	82	Resp:	1221899
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	53.1	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

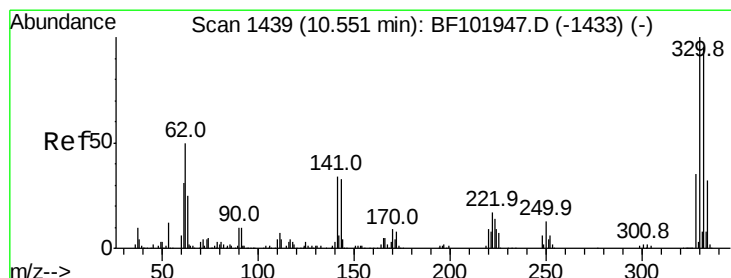
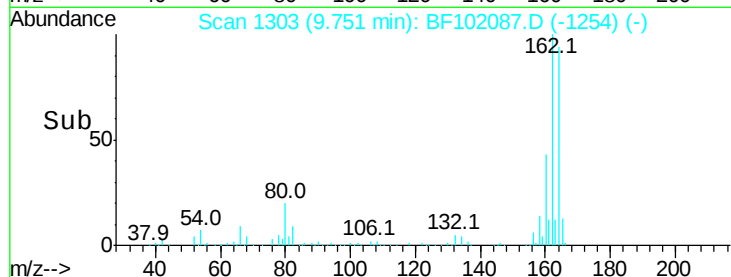
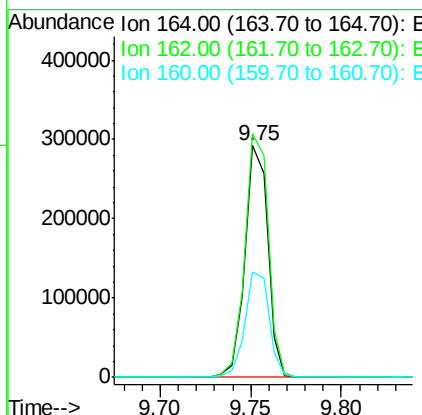
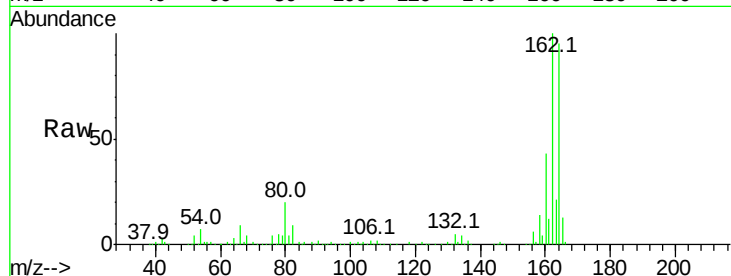




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102087.D
 Acq: 16 Jan 2018 2:13

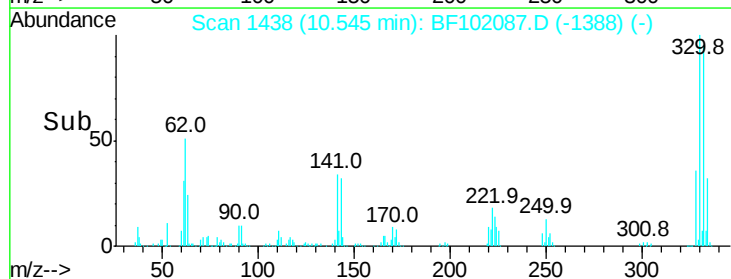
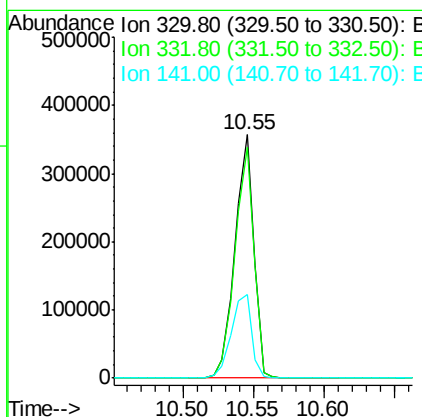
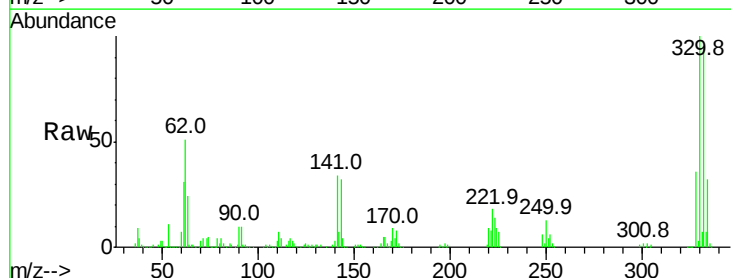
Instrument :
 BNA_F
 ClientSampleId :
 SB-25-2.0-2.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.6	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 149.107 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102087.D
 Acq: 16 Jan 2018 2:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.2	29.9	44.9



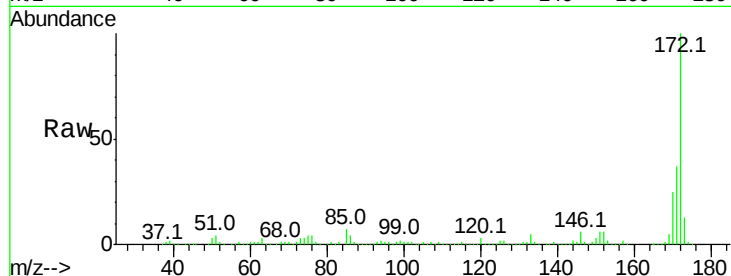


#44
 2-Fluorobiphenyl
 Concen: 108.653 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102087.D
 Acq: 16 Jan 2018 2:13

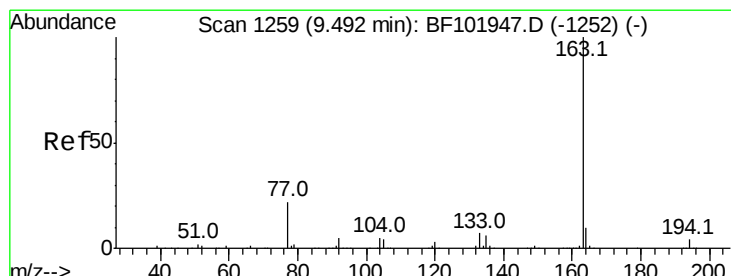
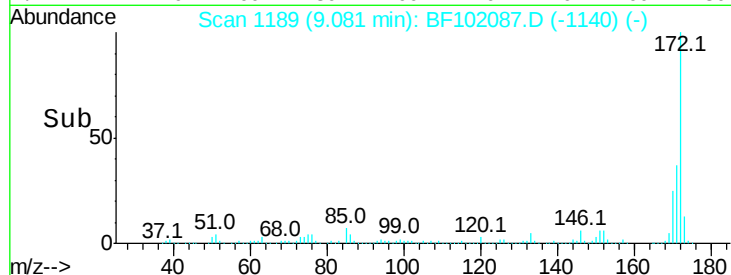
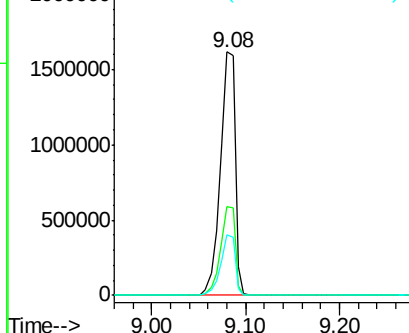
Instrument :
 BNA_F
 ClientSampleId :
 SB-25-2.0-2.5

Tot Ion:172 Resp: 1783010

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.7	19.6	29.4



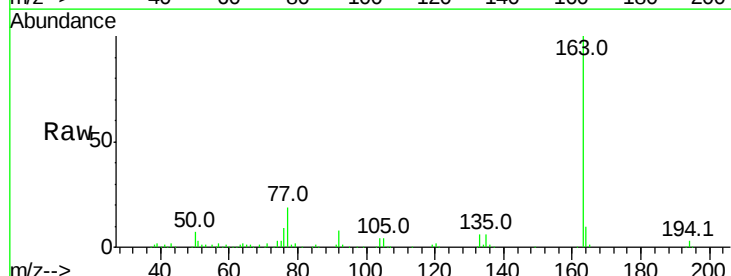
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



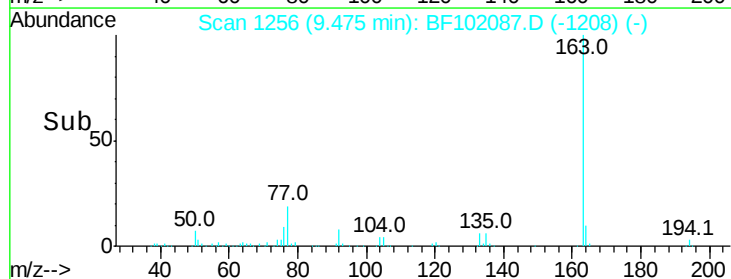
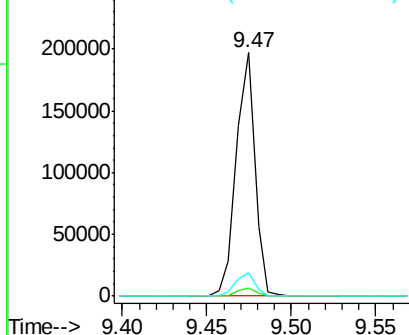
#49
 Dimethylphthalate
 Concen: 7.409 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF102087.D
 Acq: 16 Jan 2018 2:13

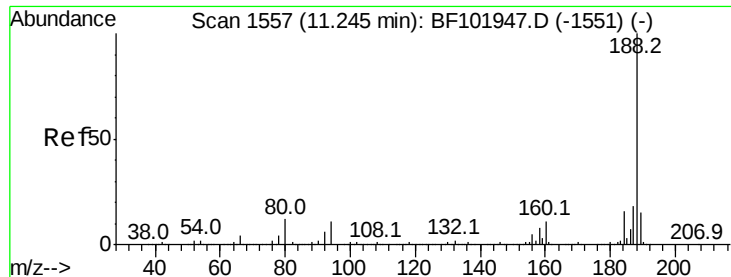
Tgt Ion:163 Resp: 152380

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.6	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: BF102087.D

Acq: 16 Jan 2018 2:13

Instrument :

BNA_F

ClientSampleId :

SB-25-2.0-2.5

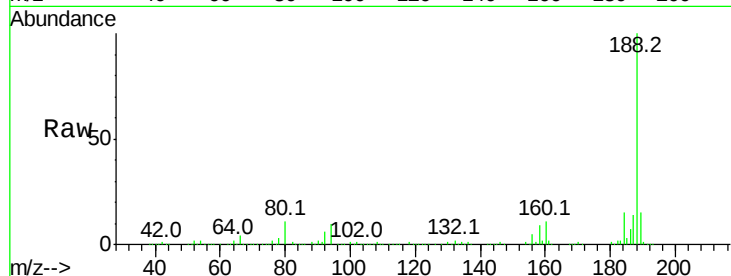
Tot Ion:188 Resp: 370569

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

80 11.0 9.2 13.8

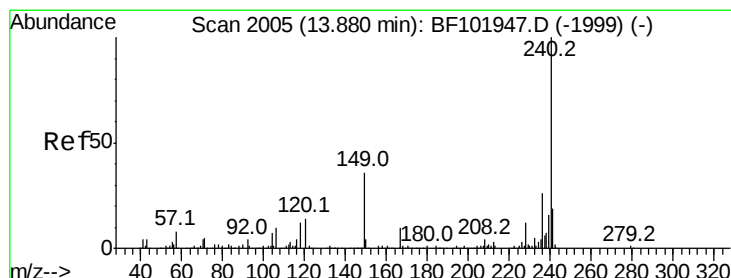
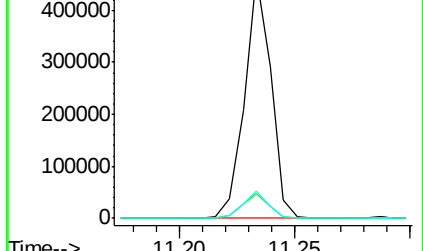
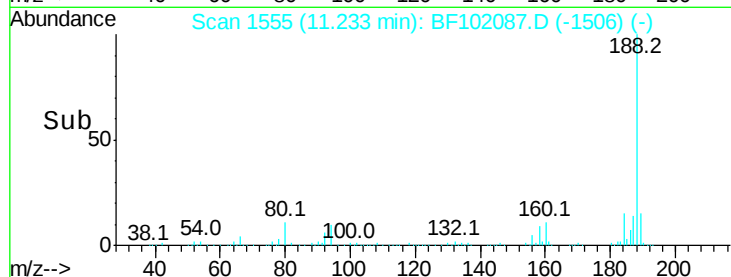


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BF102087.D

Acq: 16 Jan 2018 2:13

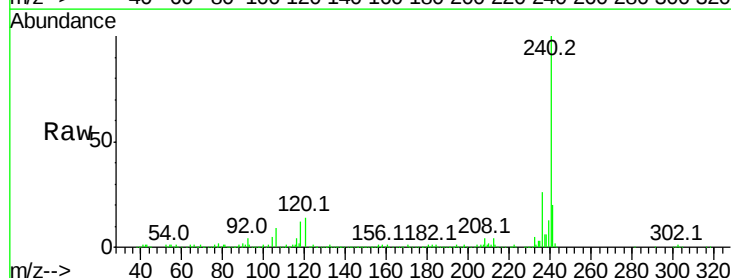
Tgt Ion:240 Resp: 289919

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3

236 26.1 20.7 31.1

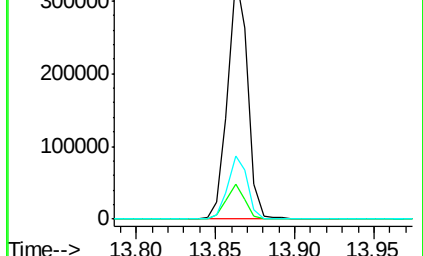
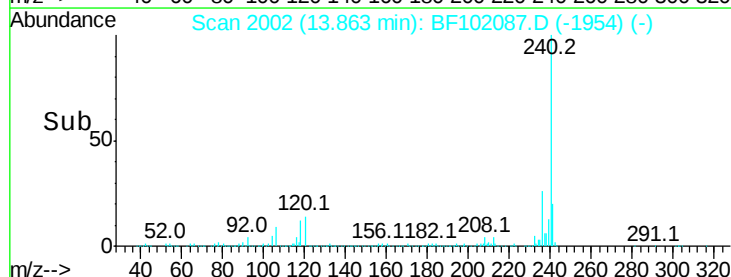


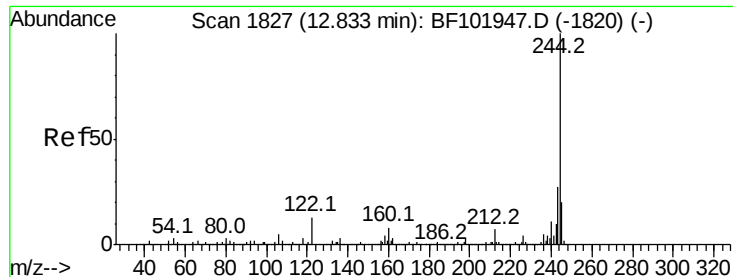
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->





#78

Terphenyl-d14

Concen: 81.174 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102087.D

Acq: 16 Jan 2018 2:13

Instrument :

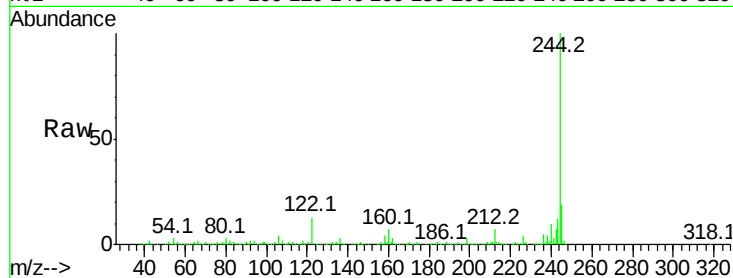
BNA_F

ClientSampleId :

SB-25-2.0-2.5

Tot Ion:244 Resp: 1133470

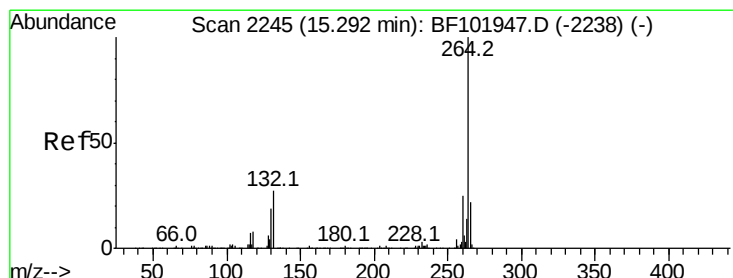
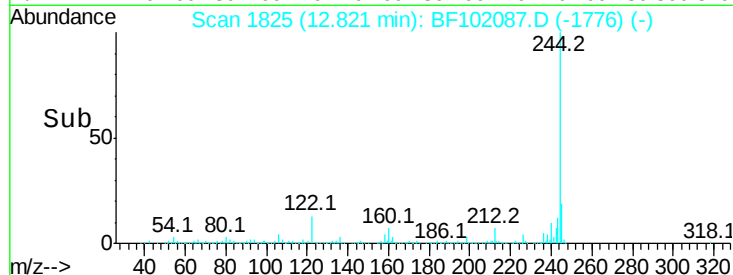
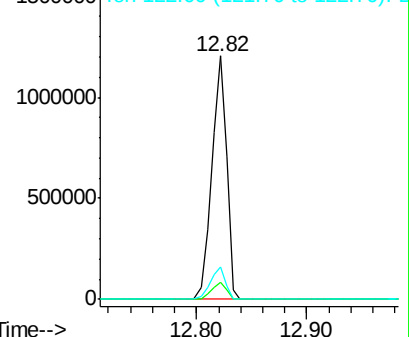
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.1	11.0	16.4



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: 15.28 min Scan# 2243

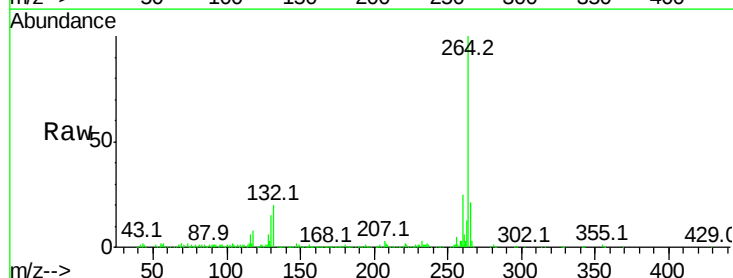
Delta R.T. -0.01 min

Lab File: BF102087.D

Acq: 16 Jan 2018 2:13

Tgt Ion:264 Resp: 257861

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	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

