

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012018\
 Data File : BF102264.D
 Acq On : 20 Jan 2018 14:31
 Operator : SJ/JU
 Sample : J1115-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-2.5-3.0

Quant Time: Jan 22 02:40:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 19 13:31:35 2018
 Response via : Initial Calibration

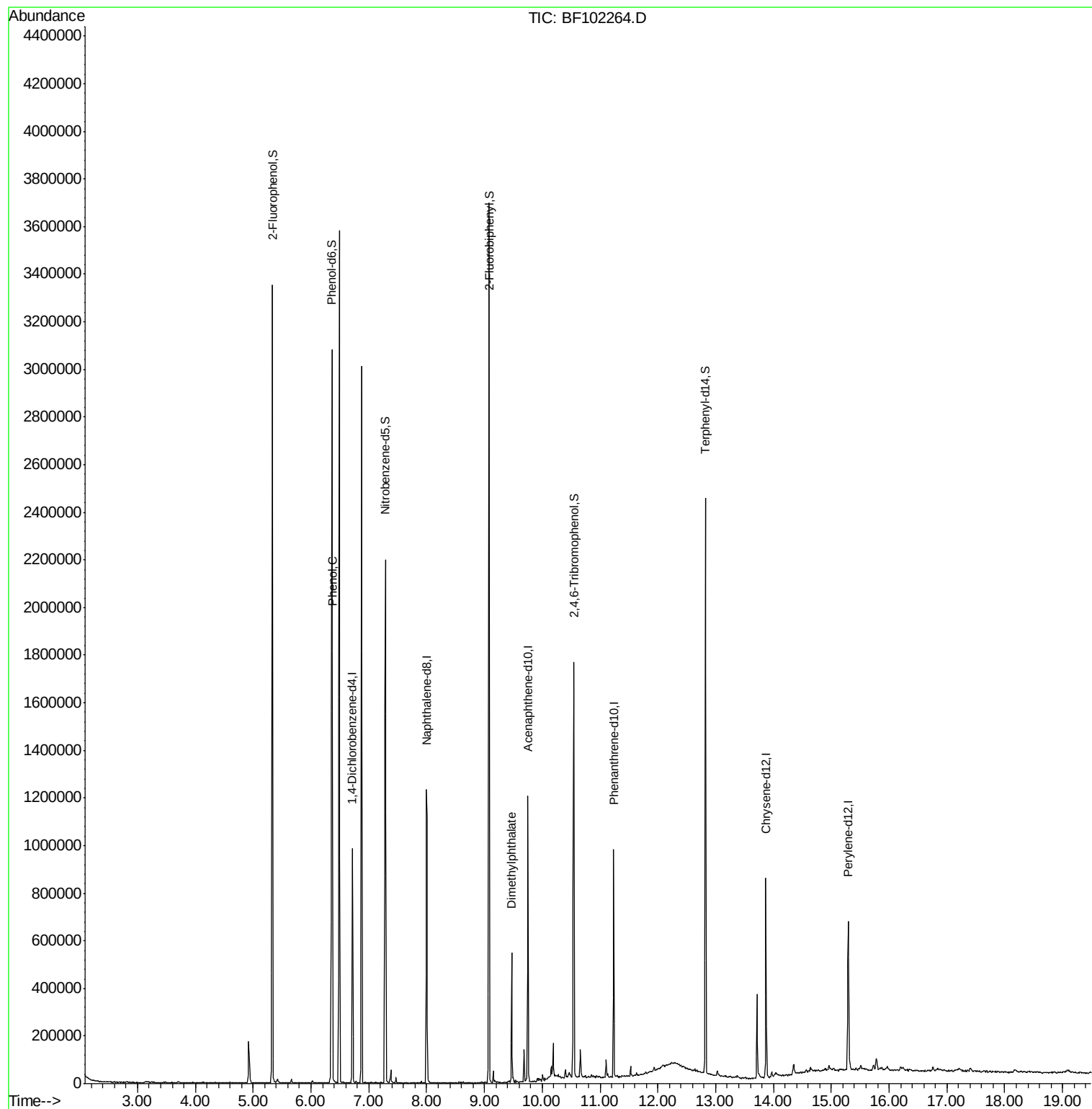
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144569	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	573089	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	234966	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	342267	20.00	ng	0.00
75) Chrysene-d12	13.87	240	278912	20.00	ng	0.00
86) Perylene-d12	15.29	264	249847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1002999	97.97	ng	0.00
7) Phenol-d6	6.36	99	1215100	99.48	ng	0.00
23) Nitrobenzene-d5	7.29	82	742828	76.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	203723	99.35	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1162892	77.32	ng	0.00
78) Terphenyl-d14	12.82	244	798765	59.46	ng	0.00
Target Compounds						
10) Phenol	6.37	94	55111	3.99	ng	97
49) Dimethylphthalate	9.47	163	215886	11.45	ng	100

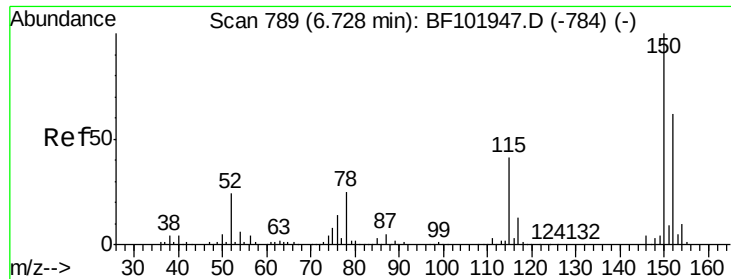
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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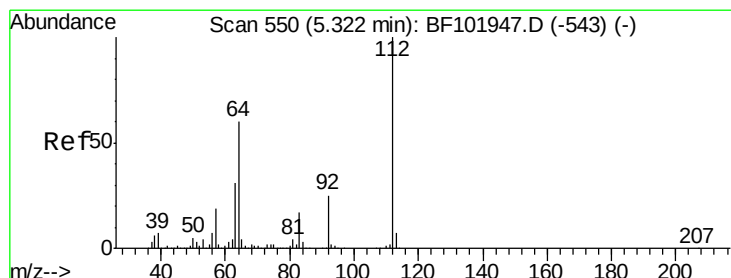
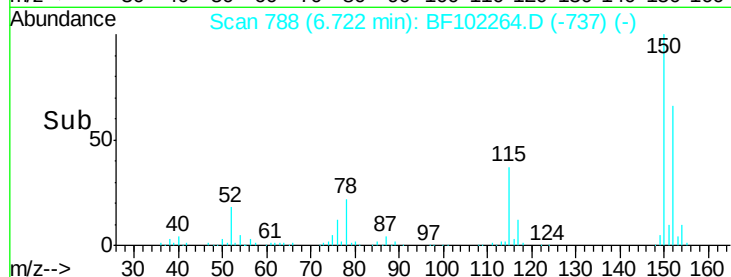
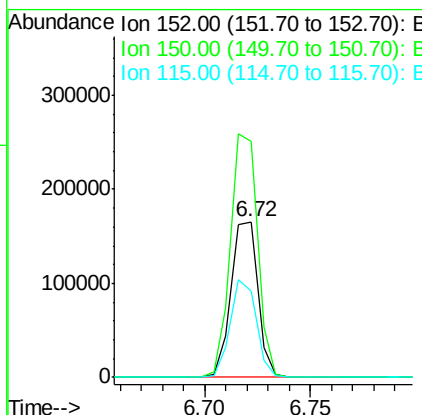
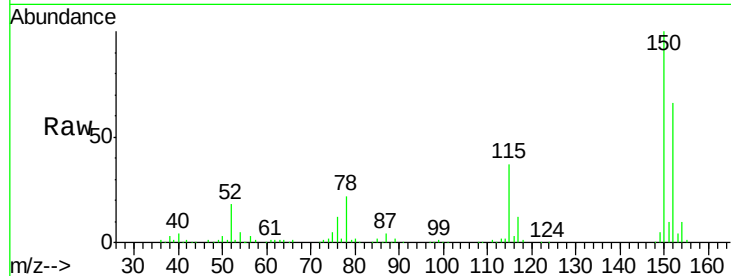


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Instrument :
BNA_F
ClientSampleId :
SB-36-2.5-3.0

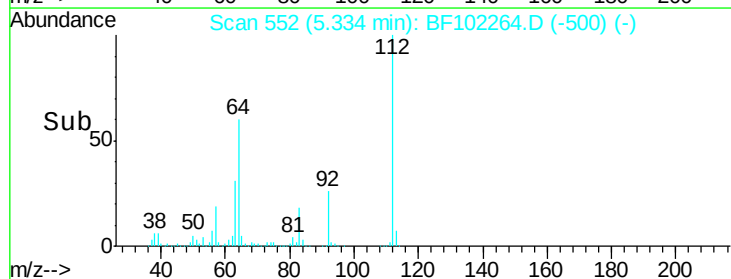
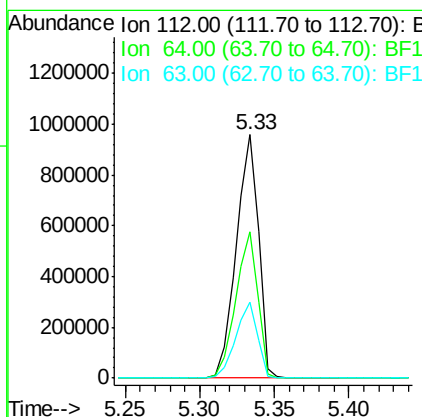
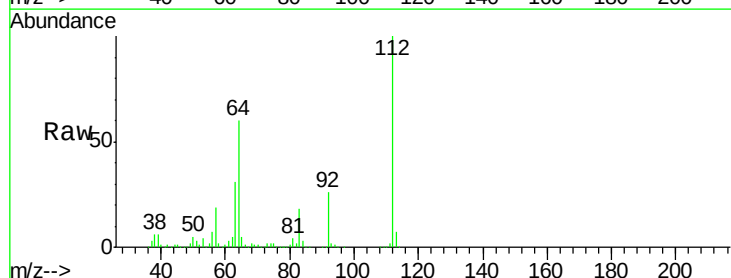
Tot Ion:152 Resp: 144569
Ion Ratio Lower Upper
152 100
150 152.2 124.6 186.8
115 55.8 50.1 75.1

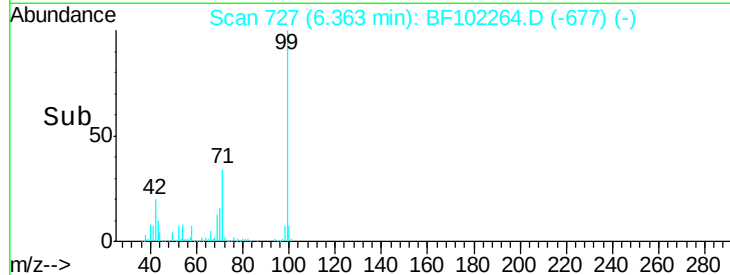
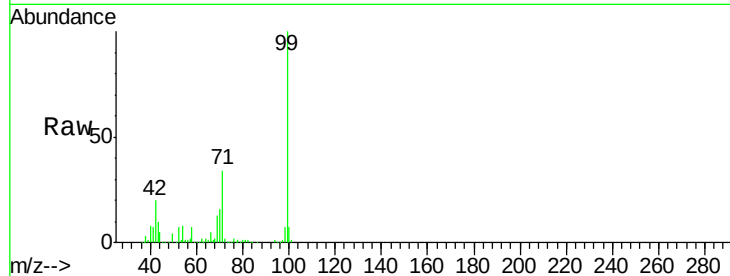
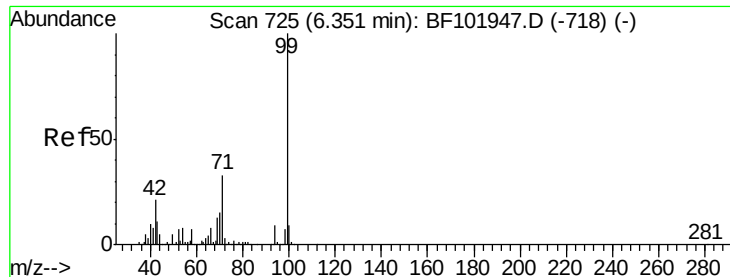


#5

2-Fluorophenol
Concen: 97.97 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion:112 Resp: 1002999
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 99.48 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

Instrument :

BNA_F

ClientSampleId :

SB-36-2.5-3.0

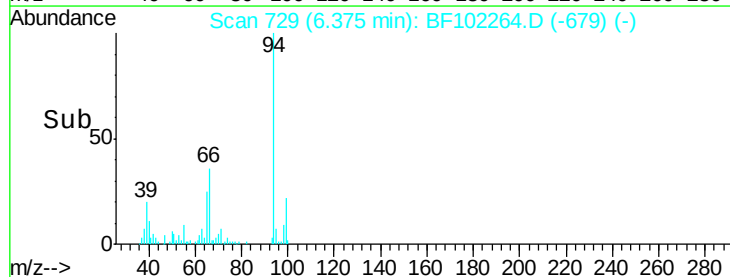
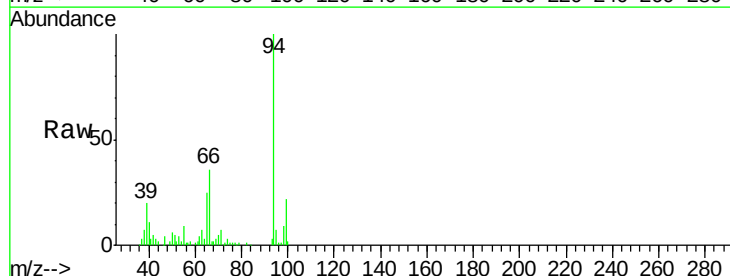
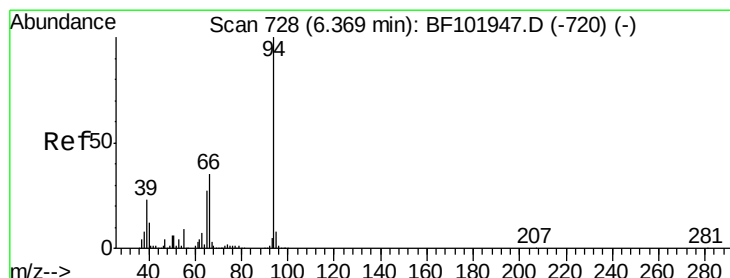
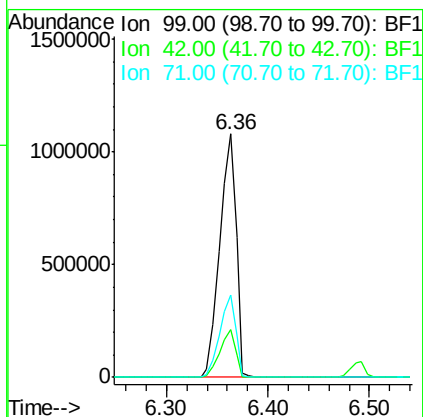
Tot Ion: 99 Resp: 1215100

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

71 34.0 25.4 38.0



#10

Phenol

Concen: 3.99 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

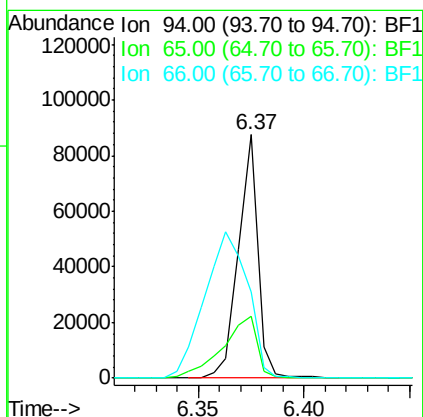
Tgt Ion: 94 Resp: 55111

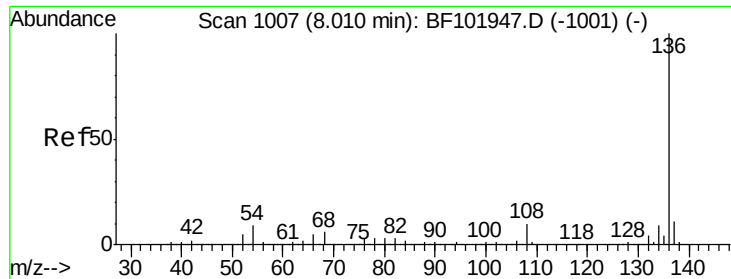
Ion Ratio Lower Upper

94 100

65 25.5 7.9 47.9

66 35.5 16.2 56.2

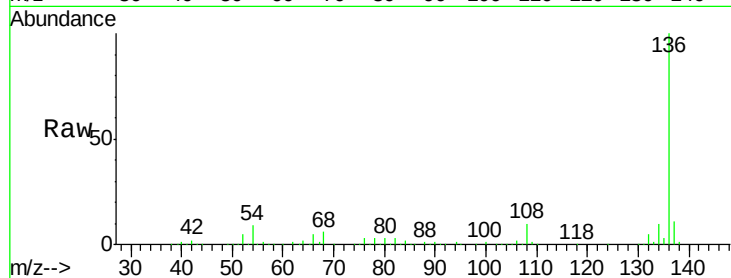




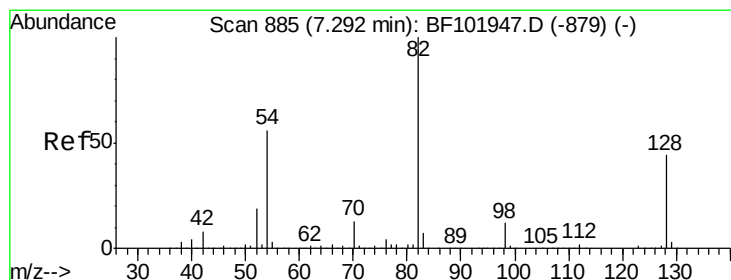
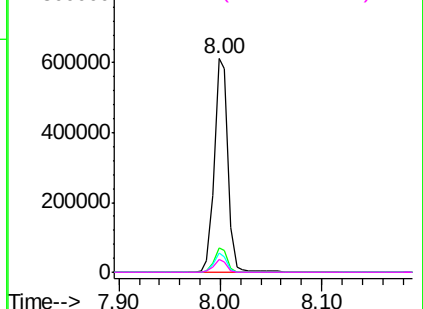
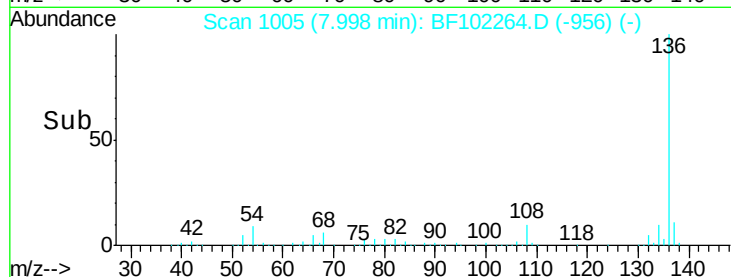
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Instrument :
BNA_F
ClientSampleId :
SB-36-2.5-3.0

Tot Ion:136	Resp:	573089
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	9.0	6.6 9.8
68	6.0	5.0 7.4

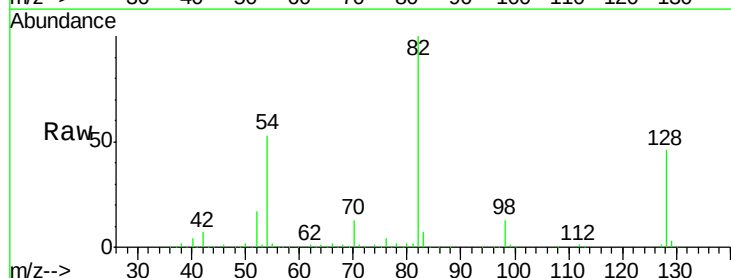


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

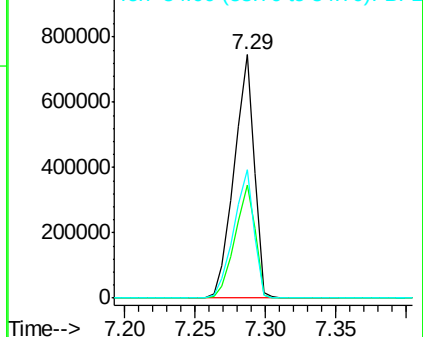
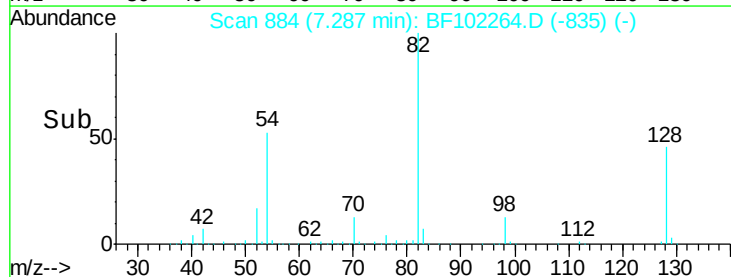


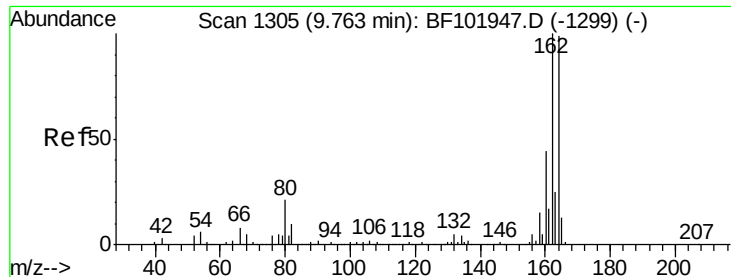
#23
Nitrobenzene-d5
Concen: 76.17 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion: 82	Resp:	742828
Ion	Ratio	Lower Upper
82	100	
128	46.4	36.1 54.1
54	52.9	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

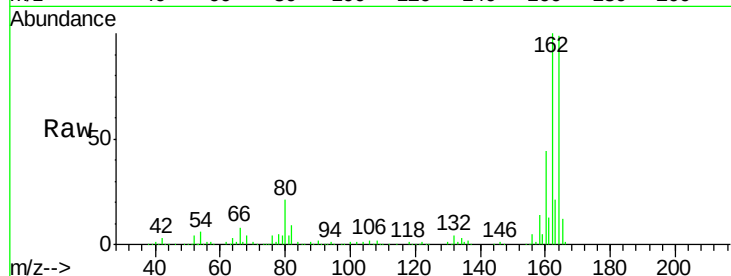




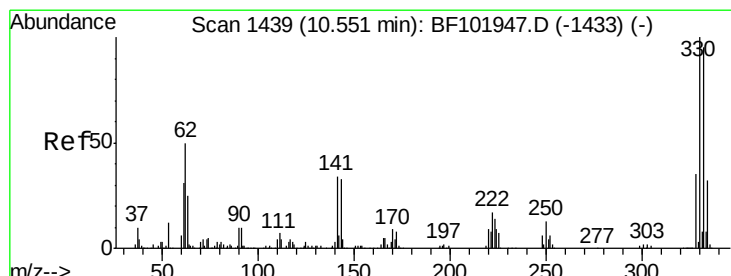
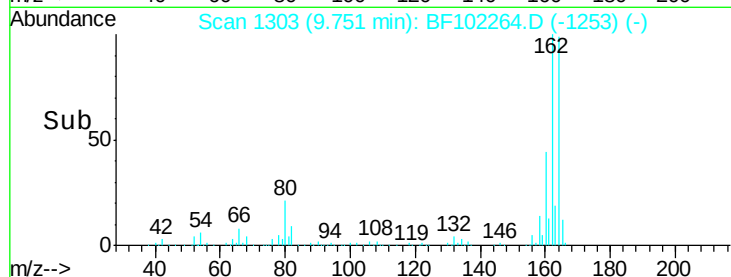
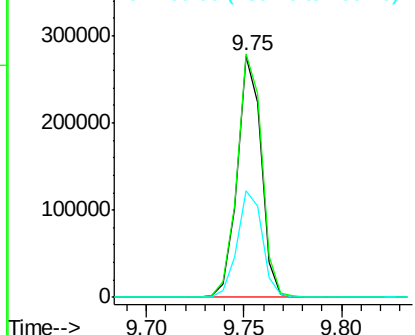
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-2.5-3.0

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	86.1	129.1
160	43.9	38.3	57.5

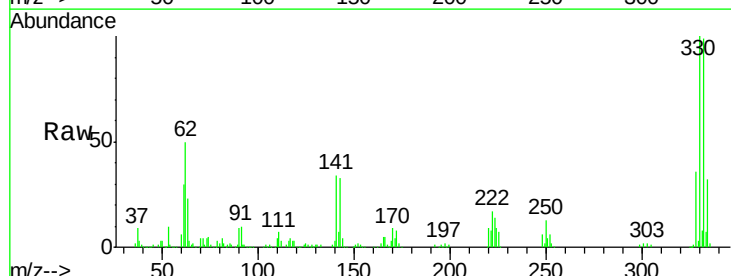


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

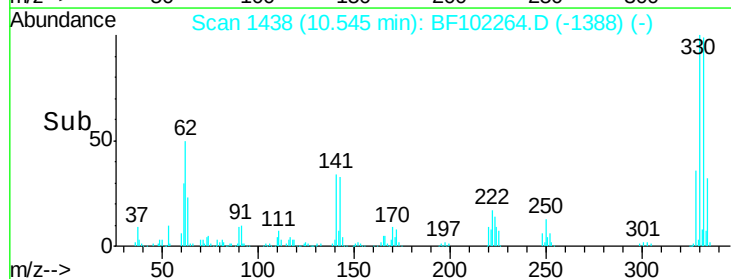
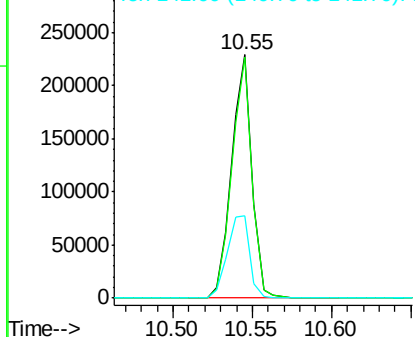


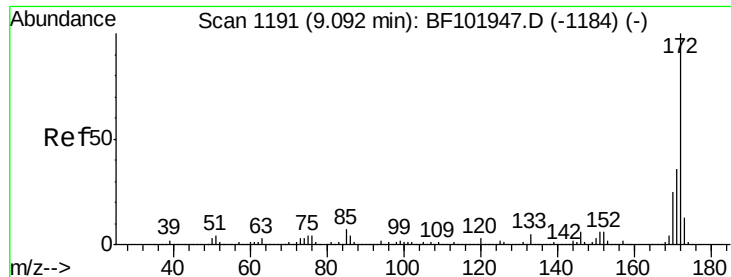
#41
 2,4,6-Tribromophenol
 Concen: 99.35 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	37.8	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



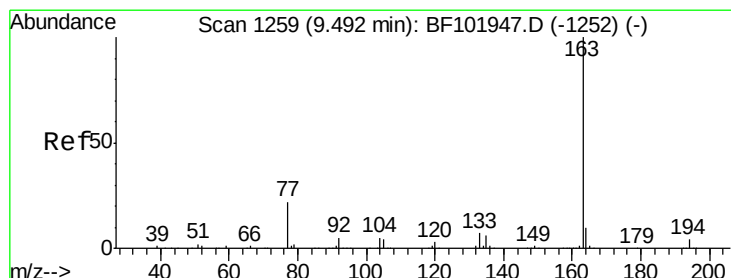
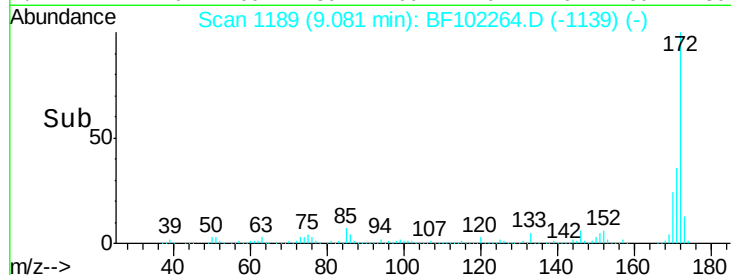
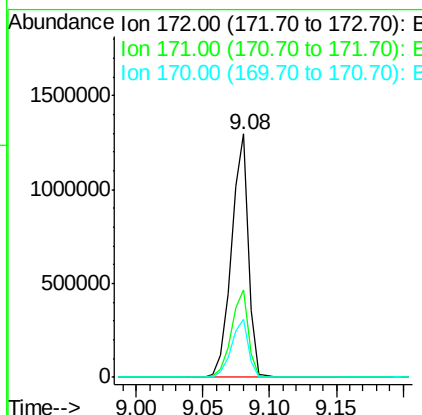
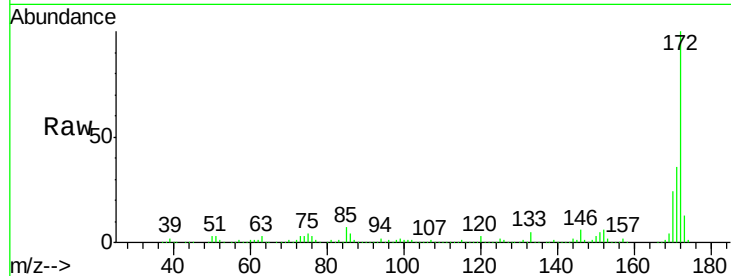


#44
2-Fluorobiphenyl
Concen: 77.32 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Instrument :
BNA_F
ClientSampleId :
SB-36-2.5-3.0

Tot Ion:172 Resp: 1162892

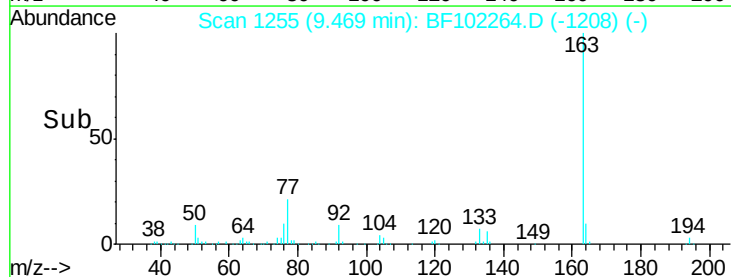
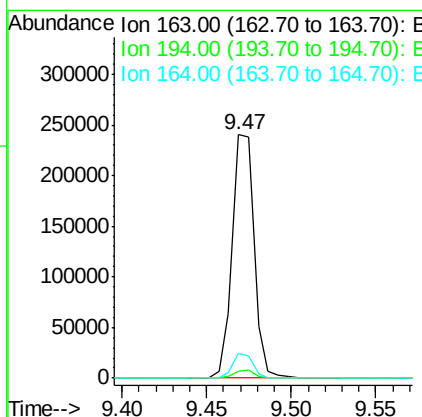
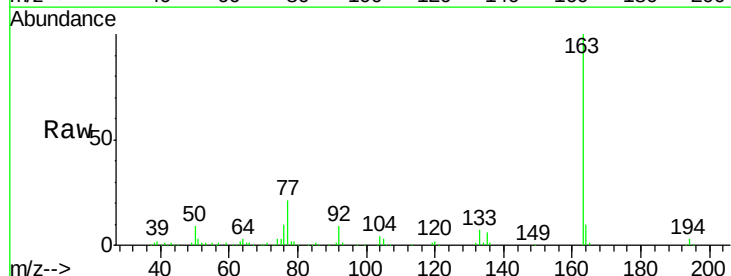
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4

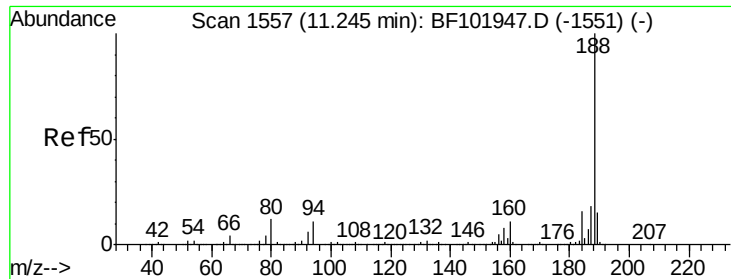


#49
Dimethylphthalate
Concen: 11.45 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102264.D
Acq: 20 Jan 2018 14:31

Tgt Ion:163 Resp: 215886

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.7	4.1
164	10.3	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

Instrument :

BNA_F

ClientSampleId :

SB-36-2.5-3.0

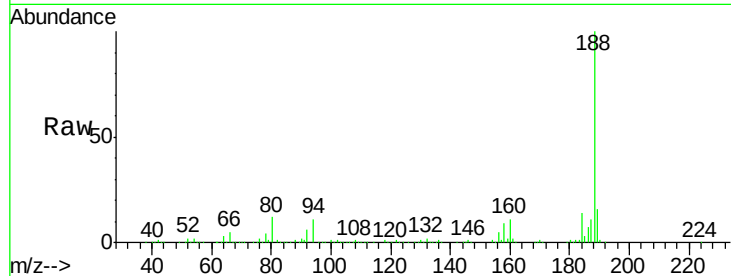
Tot Ion:188 Resp: 342267

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

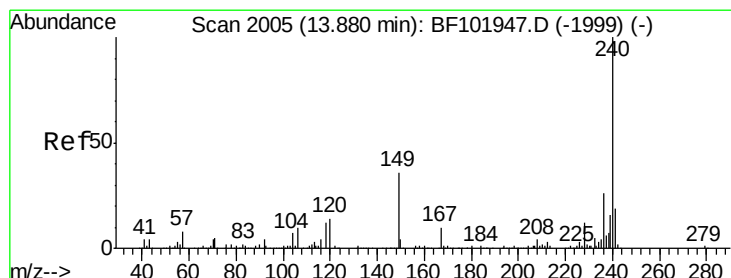
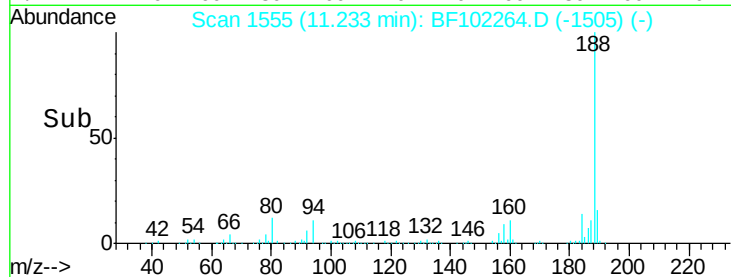
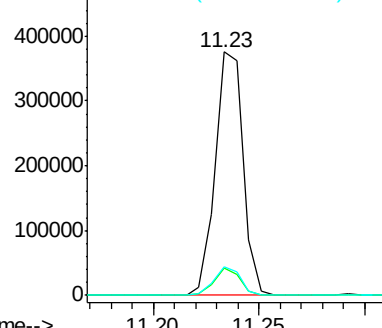
80 12.0 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102264.D

Acq: 20 Jan 2018 14:31

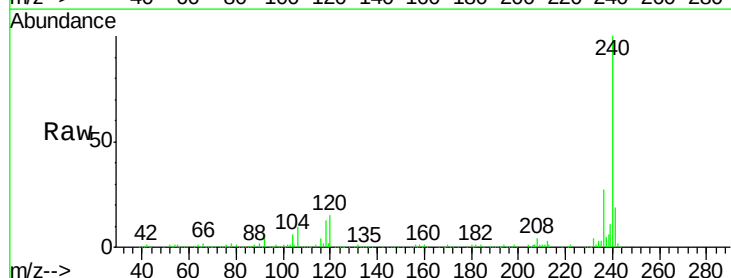
Tgt Ion:240 Resp: 278912

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

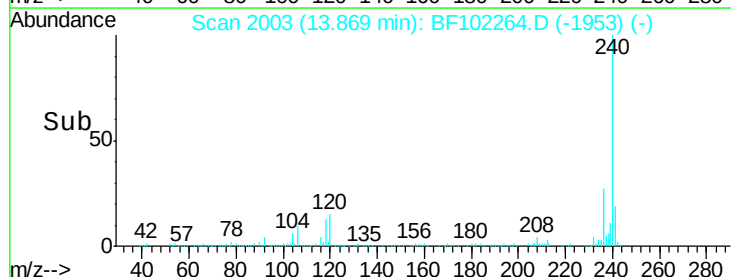
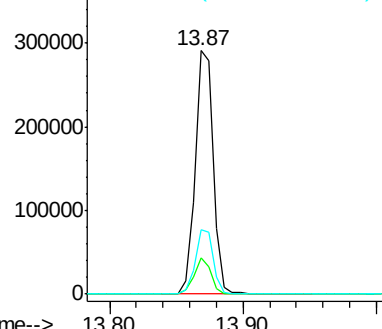
236 26.6 20.7 31.1

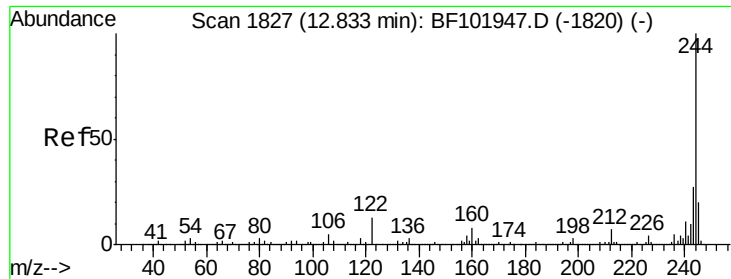


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

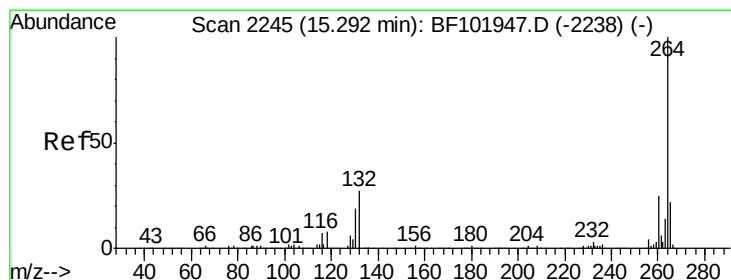
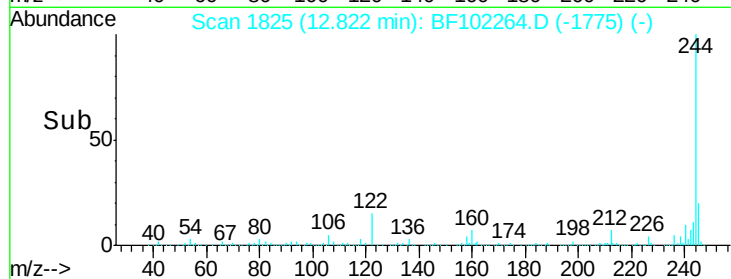
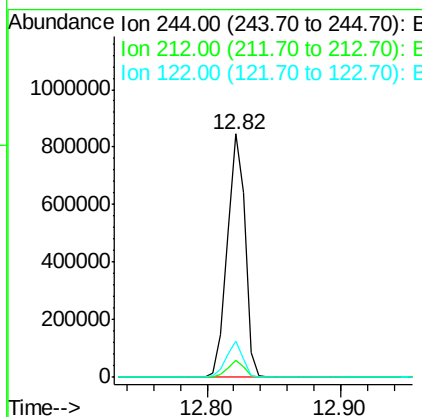
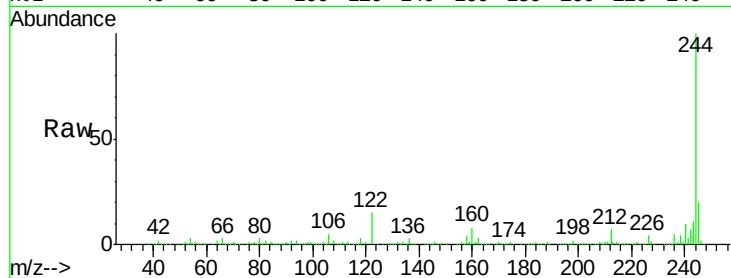




#78
 Terphenyl-d14
 Concen: 59.46 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Instrument :
 BNA_F
 ClientSampled :
 SB-36-2.5-3.0

Tot Ion:244 Resp: 798765
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF102264.D
 Acq: 20 Jan 2018 14:31

Tgt Ion:264 Resp: 249847
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.6 17.5 26.3

