

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102157.D
 Acq On : 17 Jan 2018 18:33
 Operator : SJ/JU
 Sample : J1152-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTP-4

Quant Time: Jan 18 02:57:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

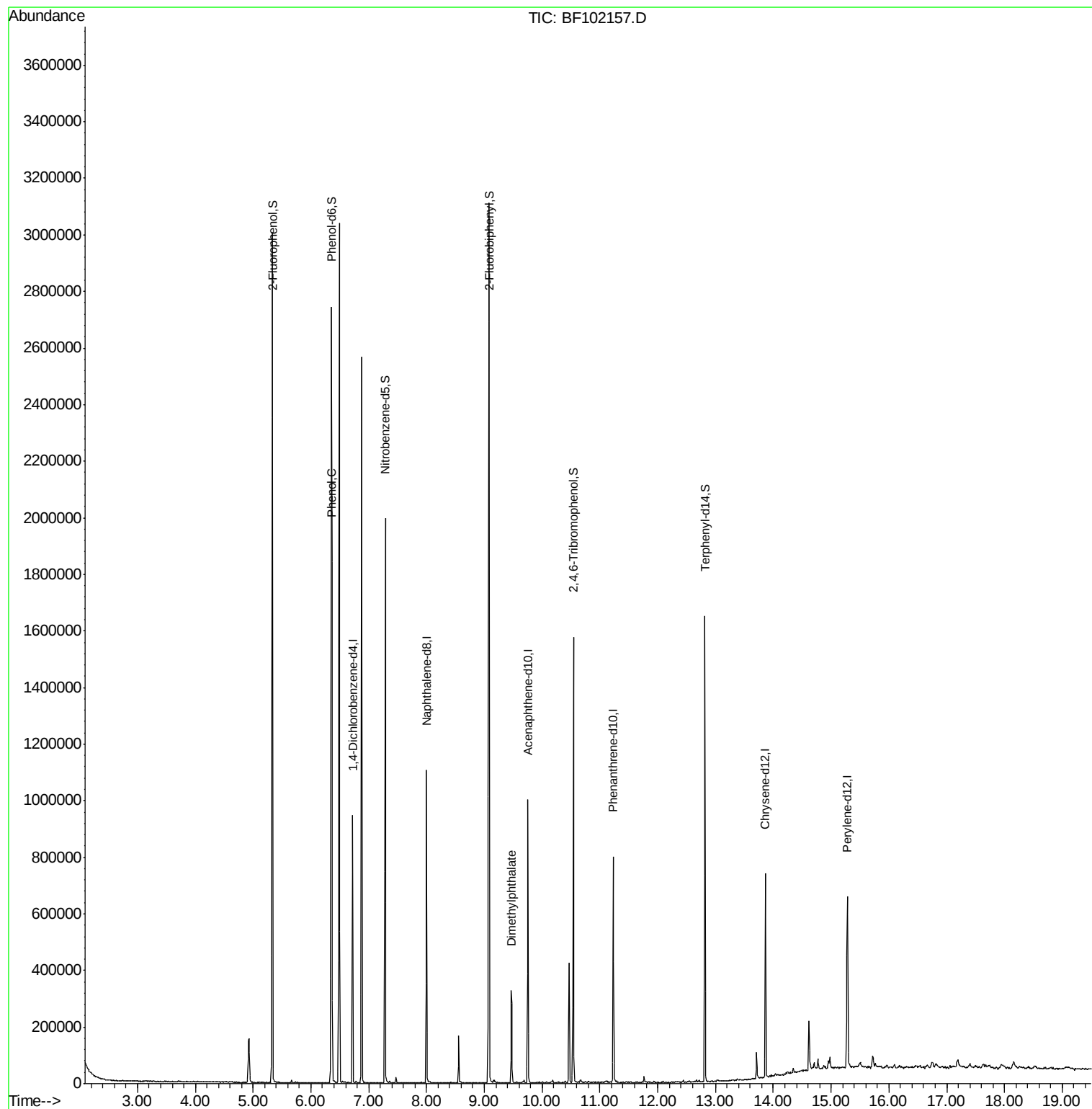
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126356	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	486693	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	187111	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	252909	20.00	ng	0.00
75) Chrysene-d12	13.86	240	226452	20.00	ng	-0.01
86) Perylene-d12	15.28	264	252730	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	853110	95.34	ng	0.01
7) Phenol-d6	6.36	99	1010566	94.66	ng	0.00
23) Nitrobenzene-d5	7.29	82	617955	74.61	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	162962	99.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	953603	79.62	ng	0.00
78) Terphenyl-d14	12.82	244	561229	51.46	ng	0.00
Target Compounds						
10) Phenol	6.37	94	43574	3.612	ng	99
49) Dimethylphthalate	9.47	163	124222	8.276	ng	99

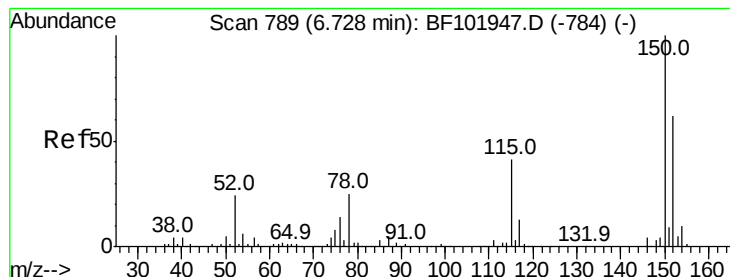
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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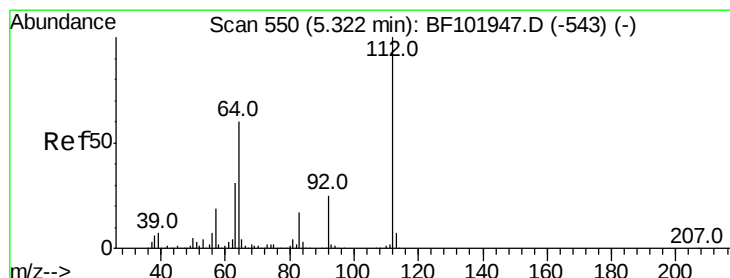
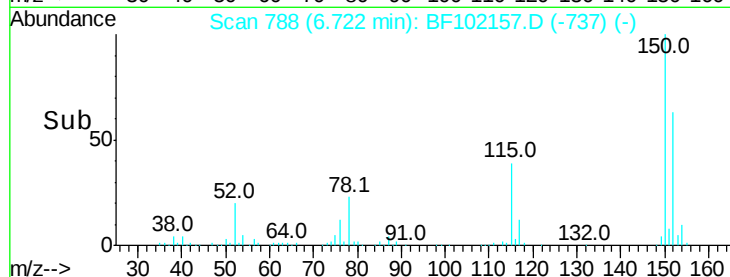
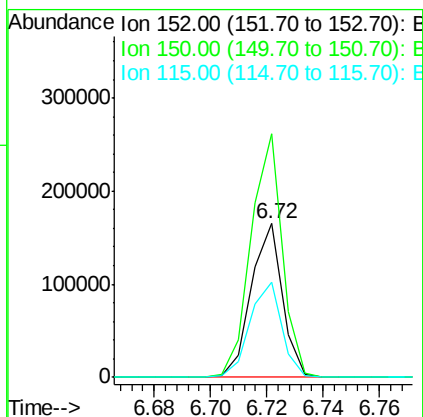
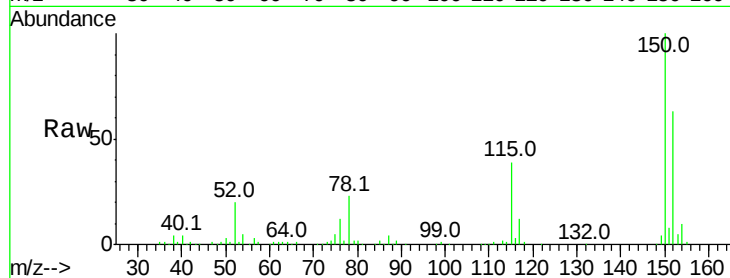


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Instrument :
BNA_F
ClientSampleId :
LTP-4

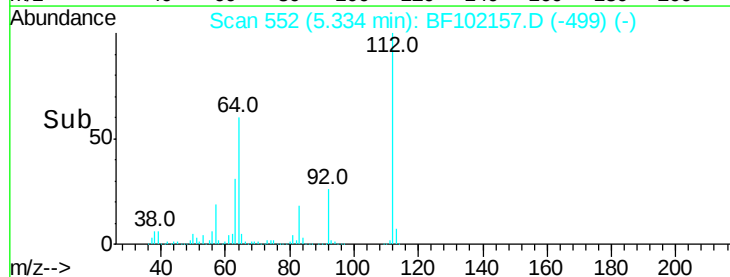
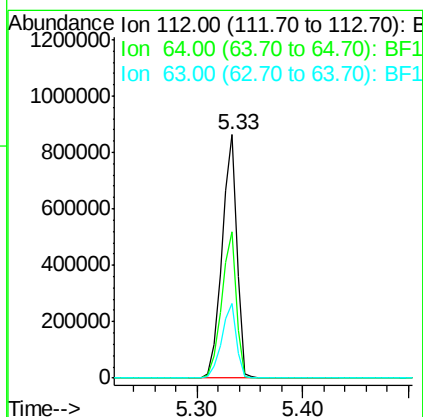
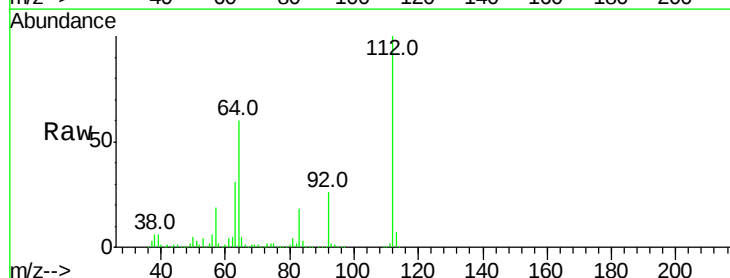
Tot Ion:152 Resp: 126356
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 61.5 50.1 75.1

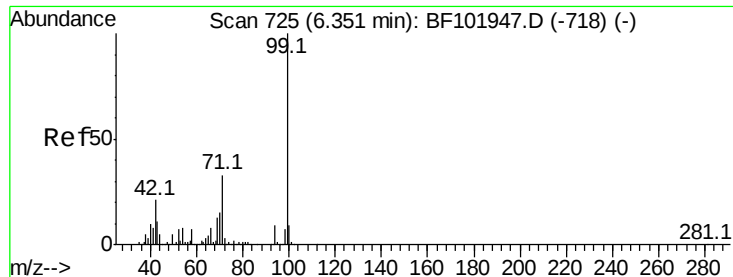


#5

2-Fluorophenol
Concen: 95.339 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Tgt Ion:112 Resp: 853110
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.9 23.7 35.5





#7

Phenol-d6

Concen: 94.657 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102157.D

Acq: 17 Jan 2018 18:33

Instrument :

BNA_F

ClientSampleId :

LTP-4

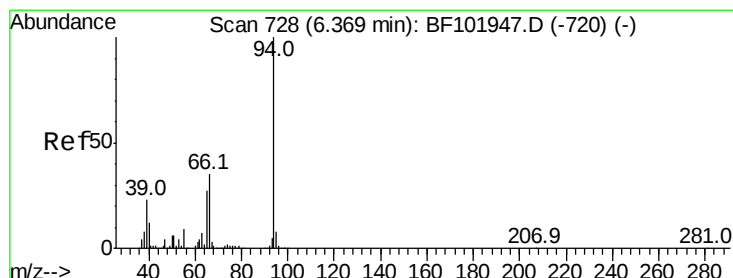
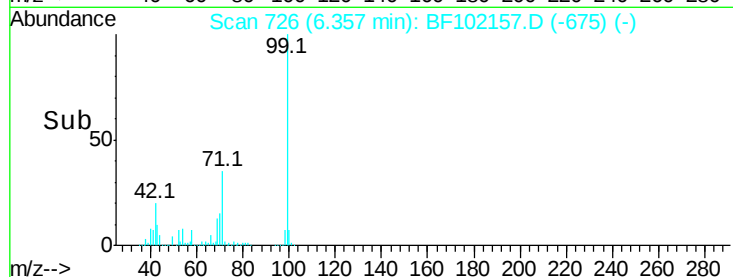
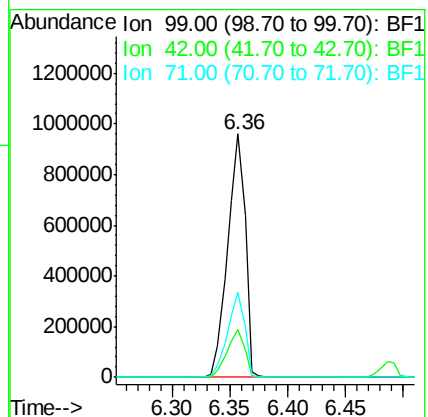
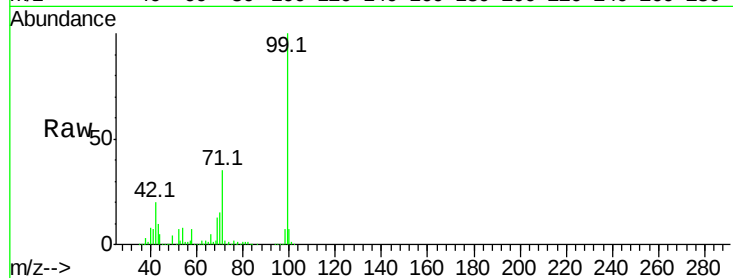
Tot Ion: 99 Resp: 1010566

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

71 34.7 25.4 38.0



#10

Phenol

Concen: 3.612 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102157.D

Acq: 17 Jan 2018 18:33

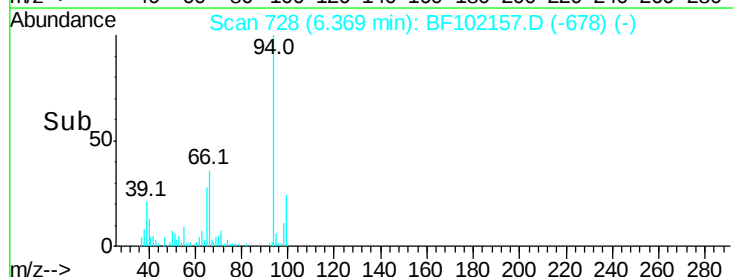
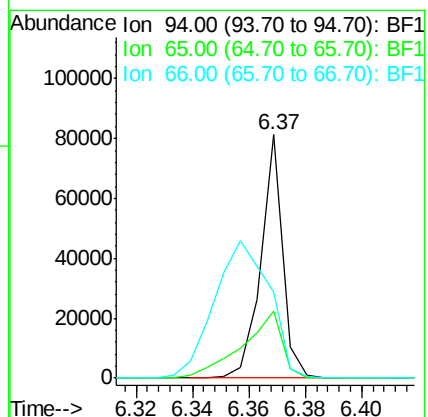
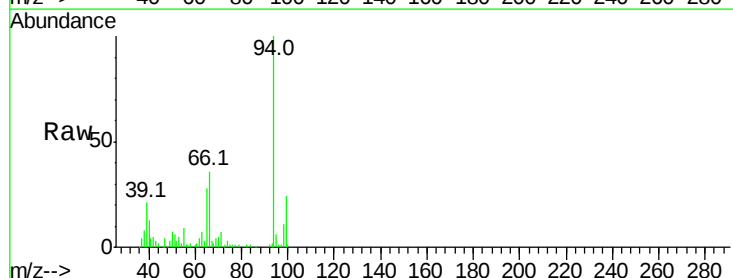
Tgt Ion: 94 Resp: 43574

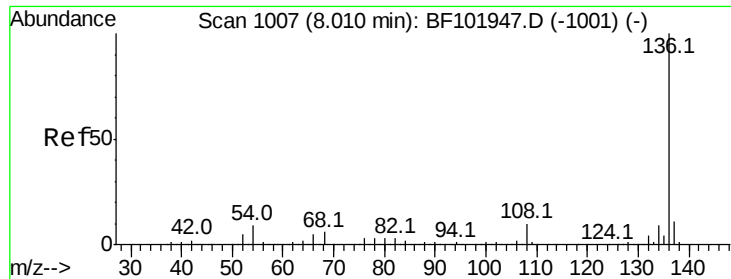
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 35.6 16.2 56.2

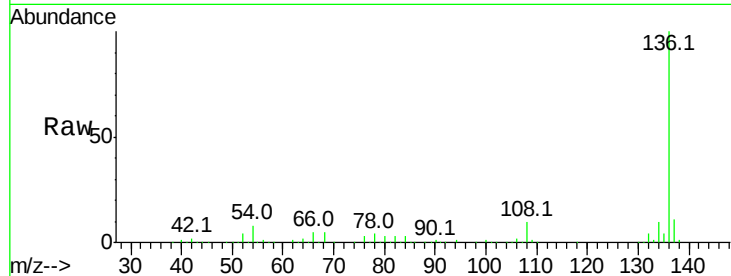




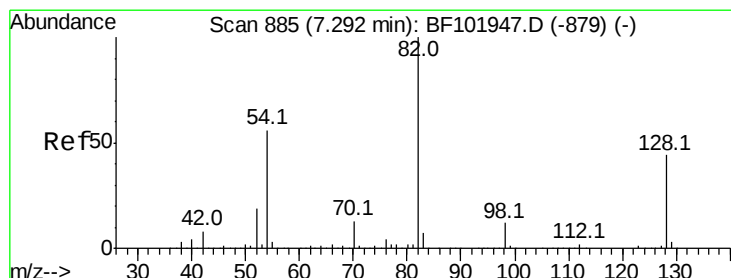
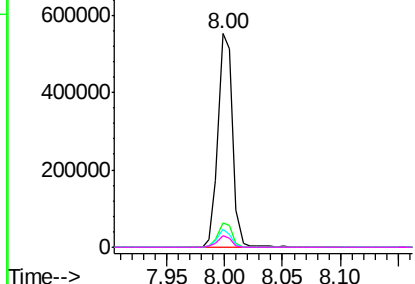
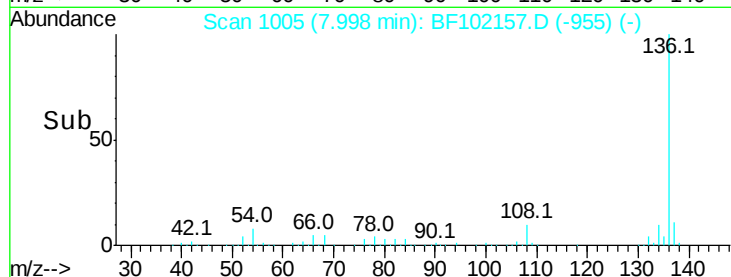
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Instrument :
BNA_F
ClientSampleId :
LTP-4

Tot Ion:	136	Resp:	486693
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.3	6.6	9.8
68	5.3	5.0	7.4

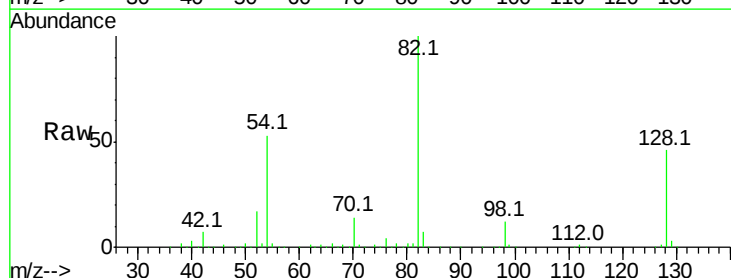


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

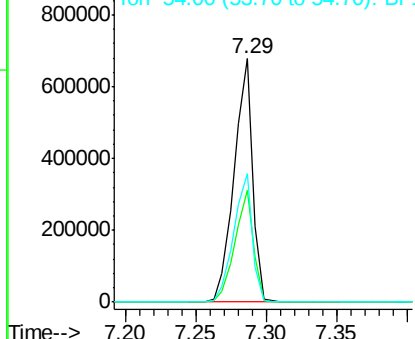
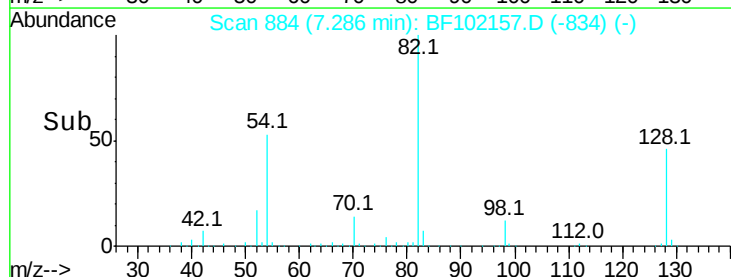


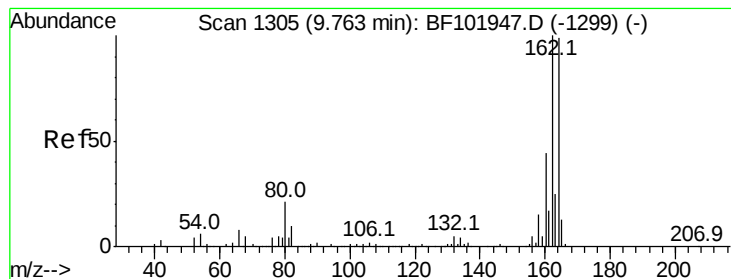
#23
Nitrobenzene-d5
Concen: 74.613 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Tgt Ion:	82	Resp:	617955
Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	52.8	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: BF102157.D

Acq: 17 Jan 2018 18:33

Instrument :

BNA_F

ClientSampleId :

LTP-4

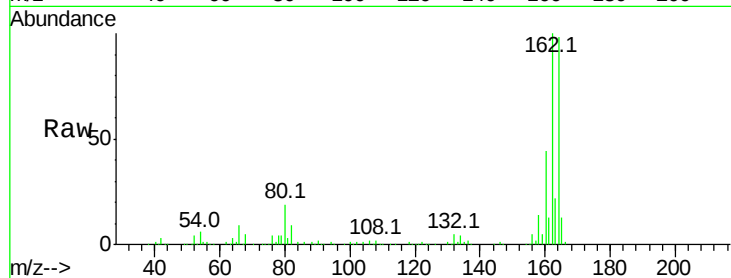
Tot Ion:164 Resp: 187111

Ion Ratio Lower Upper

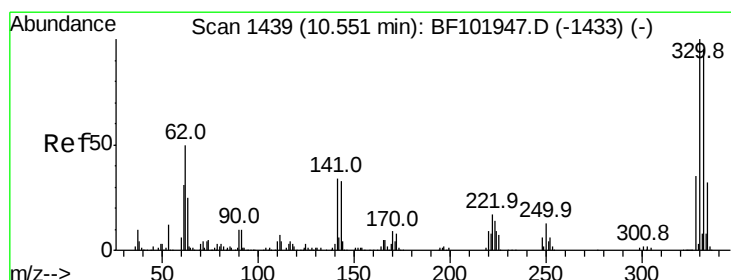
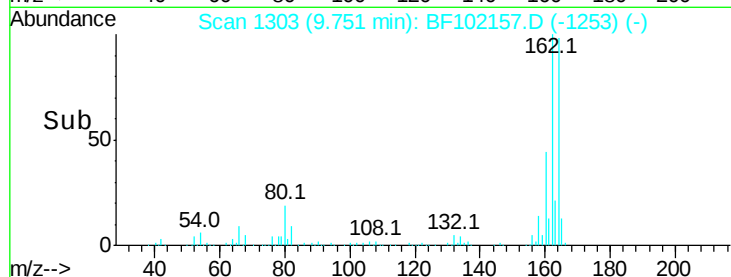
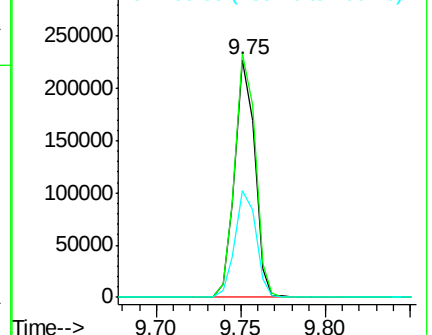
164 100

162 102.4 86.1 129.1

160 45.1 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: 99.800 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102157.D

Acq: 17 Jan 2018 18:33

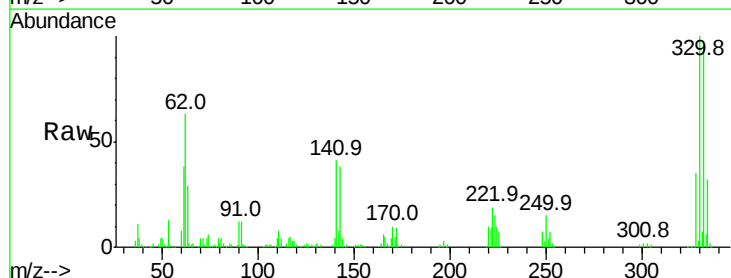
Tgt Ion:330 Resp: 162962

Ion Ratio Lower Upper

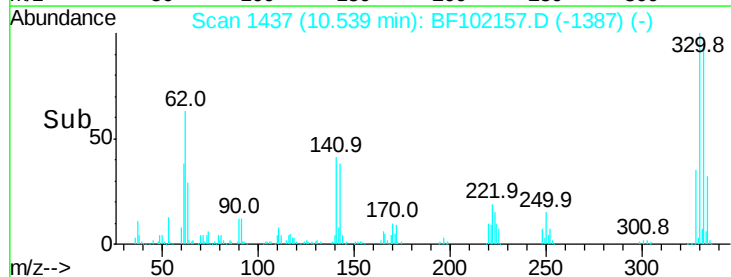
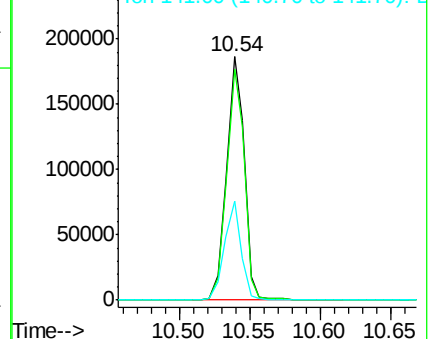
330 100

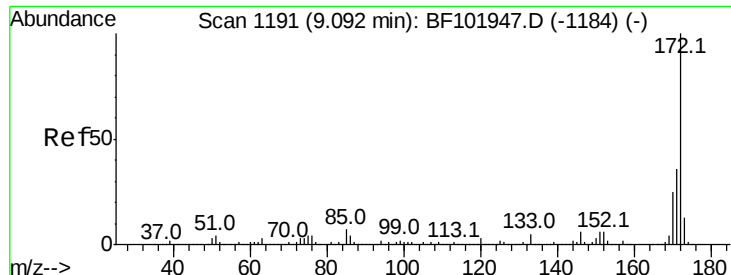
332 95.0 77.0 115.6

141 38.4 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

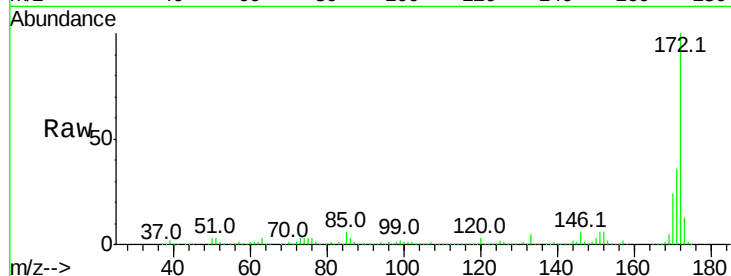




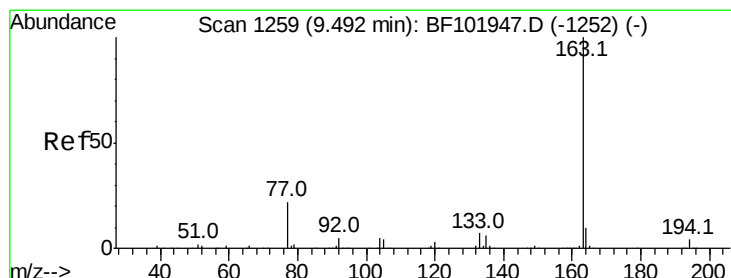
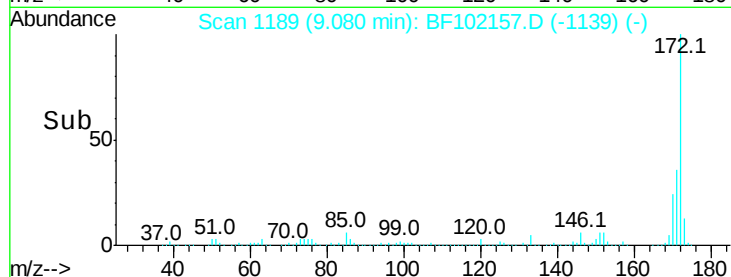
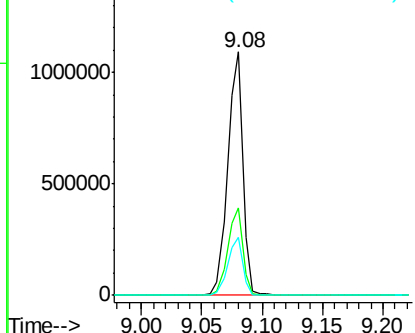
#44
2-Fluorobiphenyl
Concen: 79.620 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Instrument :
BNA_F
ClientSampled :
LTP-4

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

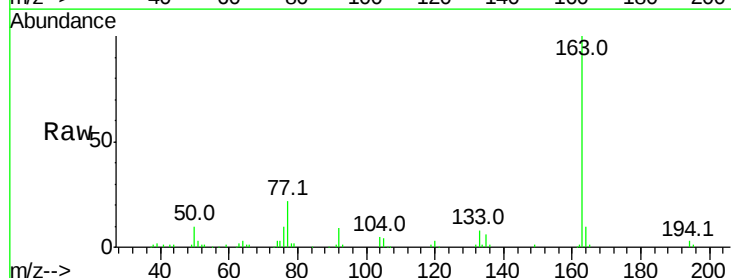


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

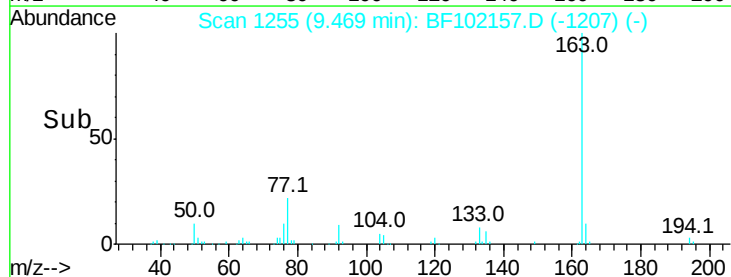
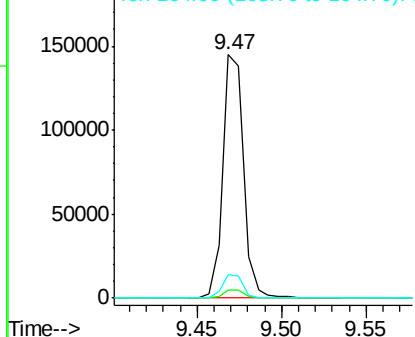


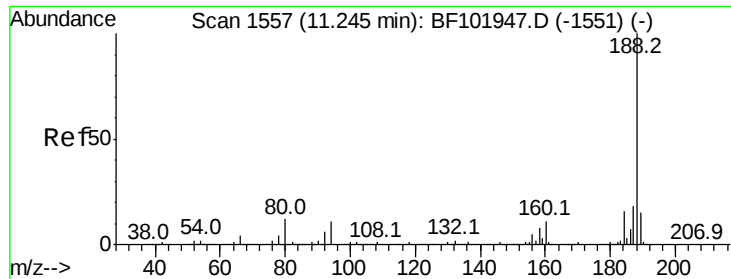
#49
Dimethylphthalate
Concen: 8.276 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.8	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

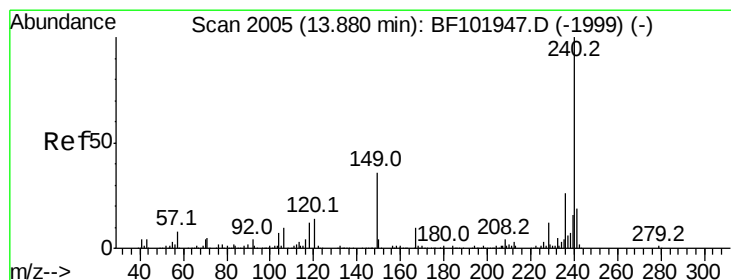
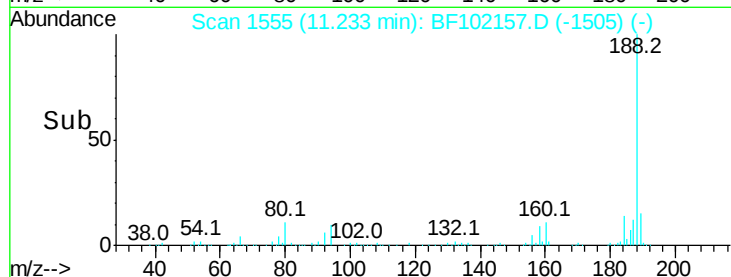
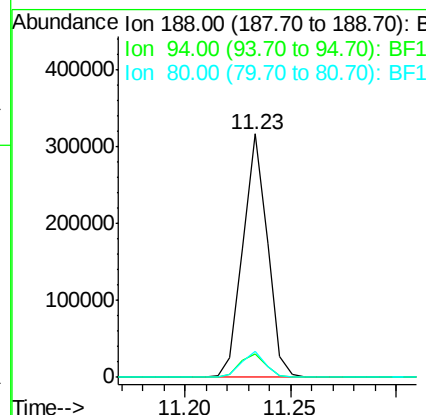
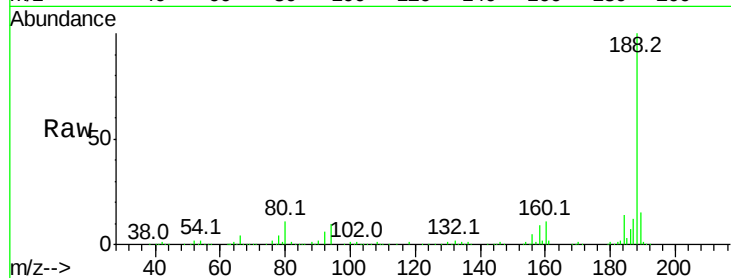




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

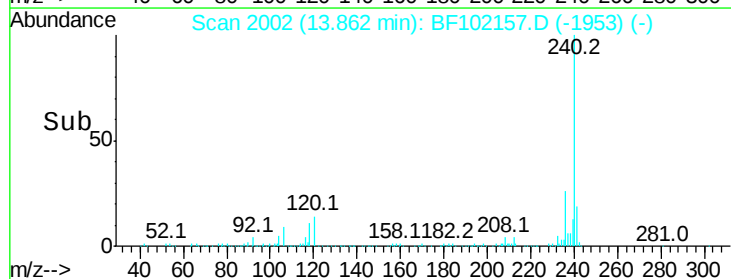
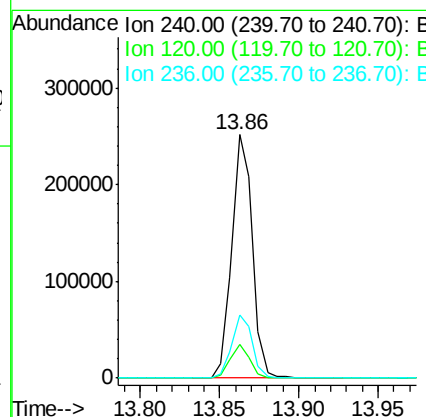
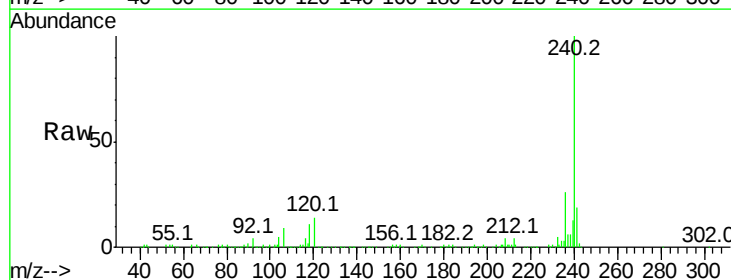
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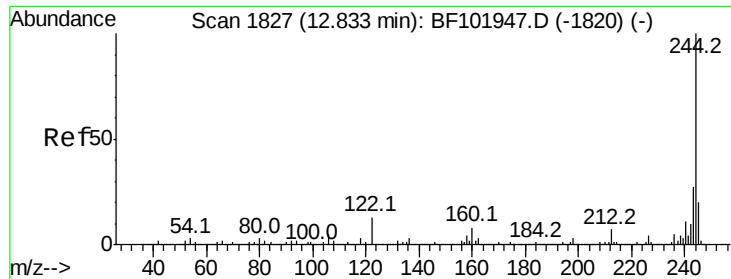
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.7	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102157.D
Acq: 17 Jan 2018 18:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.9	9.5	14.3
236	25.9	20.7	31.1

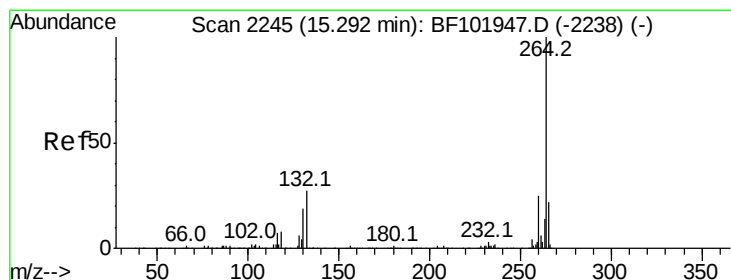
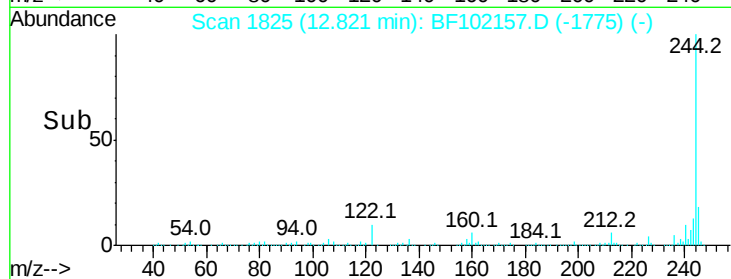
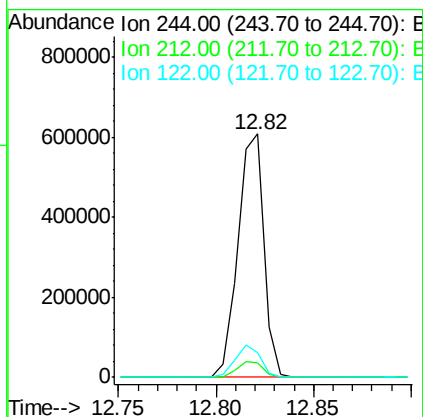
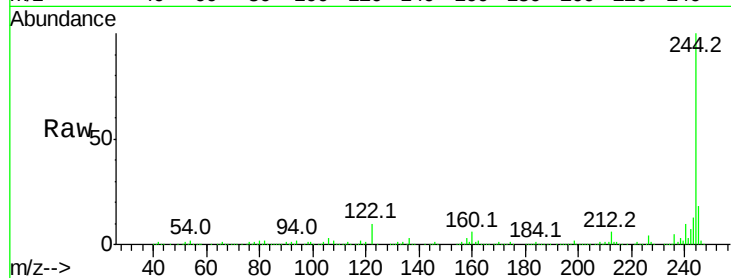




#78
 Terphenyl-d14
 Concen: 51.457 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102157.D
 Acq: 17 Jan 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :
 LTP-4

Tot Ion:244 Resp: 561229
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF102157.D
 Acq: 17 Jan 2018 18:33

Tgt Ion:264 Resp: 252730
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.8 17.5 26.3

