

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102082.D
 Acq On : 16 Jan 2018 00:00
 Operator : SJ/JU
 Sample : J1122-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-1

Quant Time: Jan 16 03:23:01 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

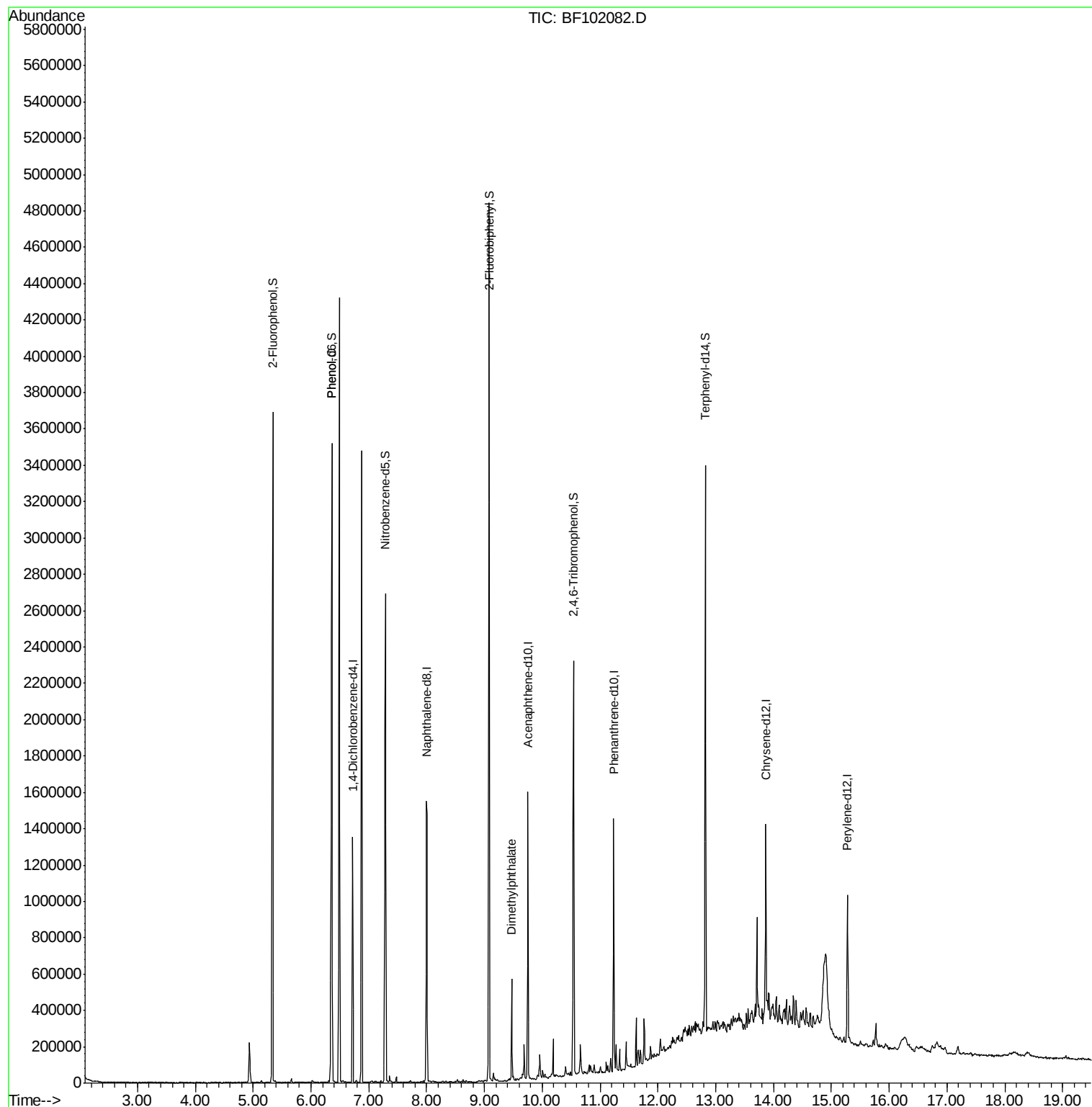
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188551	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	738945	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	306020	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	433090	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	345058	20.00	ng	-0.02
86) Perylene-d12	15.28	264	347662	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1213107	90.85	ng	0.01
7) Phenol-d6	6.36	99	1448646	90.93	ng	0.00
23) Nitrobenzene-d5	7.29	82	911740	72.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	255461	95.66	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1540809	78.66	ng	-0.01
78) Terphenyl-d14	12.82	244	1072938	64.56	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	42472	2.359	ng	95
49) Dimethylphthalate	9.47	163	202955	8.267	ng	99

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

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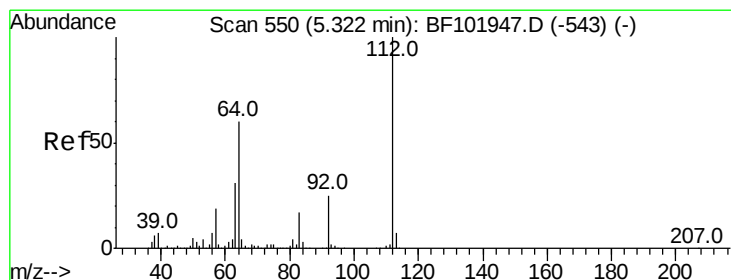
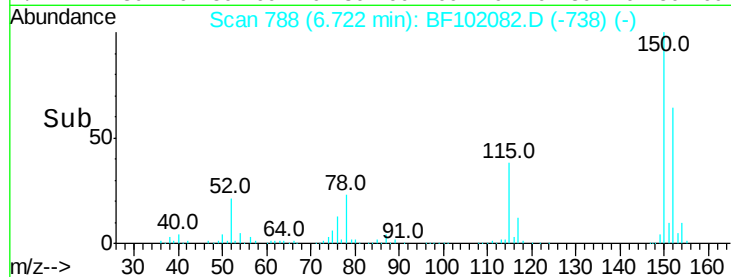
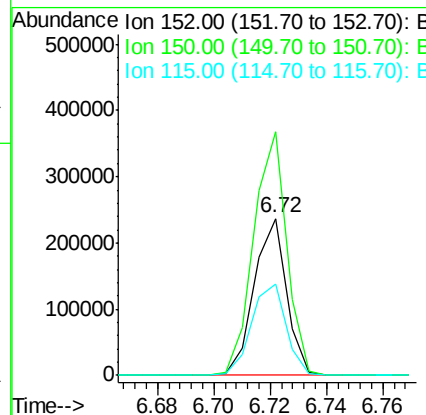
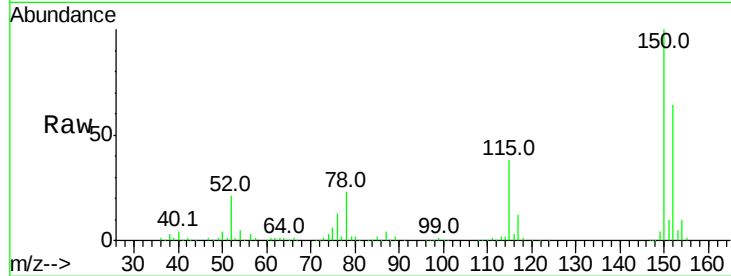


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102082.D
 Acq: 16 Jan 2018 00:00

Instrument :
 BNA_F
 ClientSampled :
 G-1

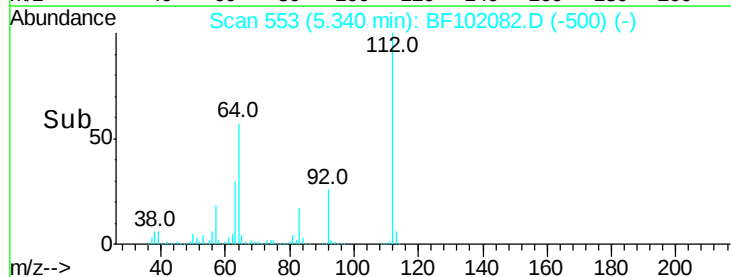
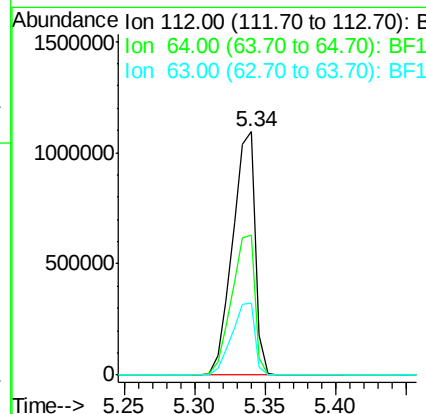
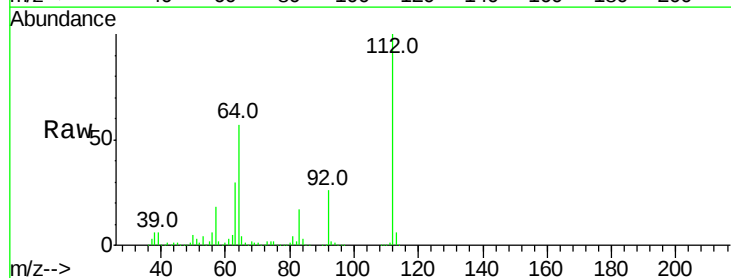
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.6	186.8
115	58.4	50.1	75.1



#5

2-Fluorophenol
 Concen: 90.851 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF102082.D
 Acq: 16 Jan 2018 00:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.9	71.9
63	29.7	23.7	35.5





#7

Phenol-d6

Concen: 90.932 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102082.D

Acq: 16 Jan 2018 00:00

Instrument :

BNA_F

ClientSampleId :

G-1

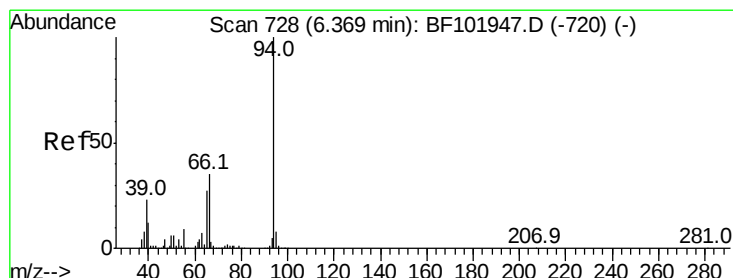
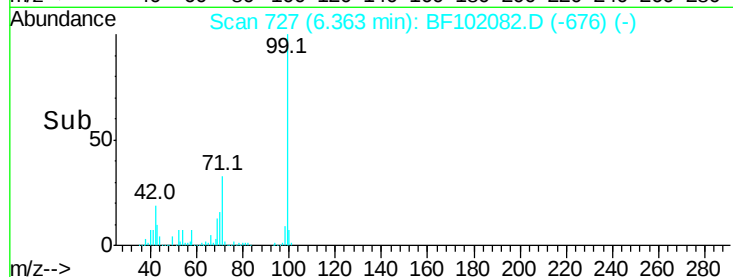
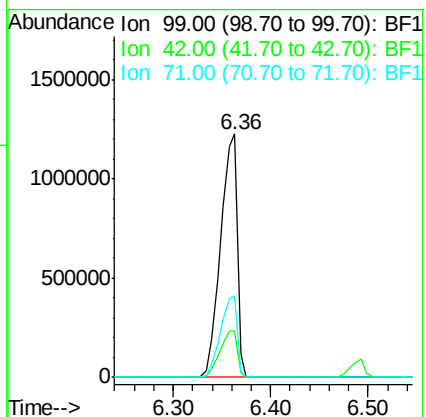
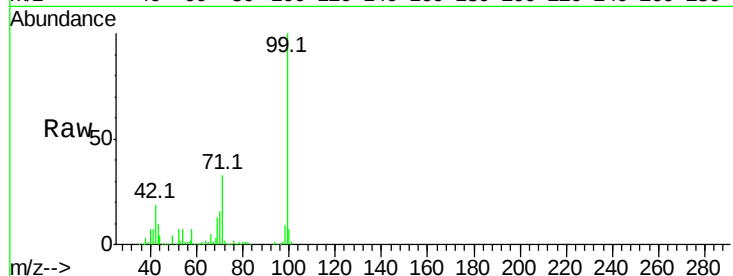
Tot Ion: 99 Resp: 1448646

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 2.359 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102082.D

Acq: 16 Jan 2018 00:00

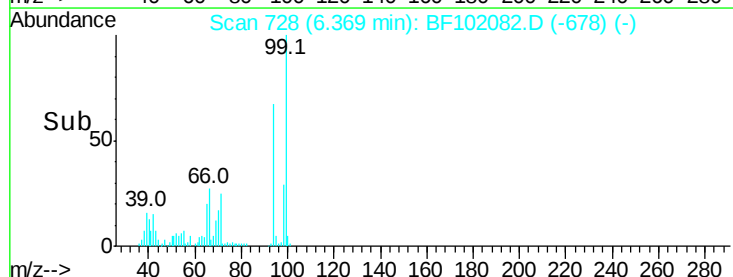
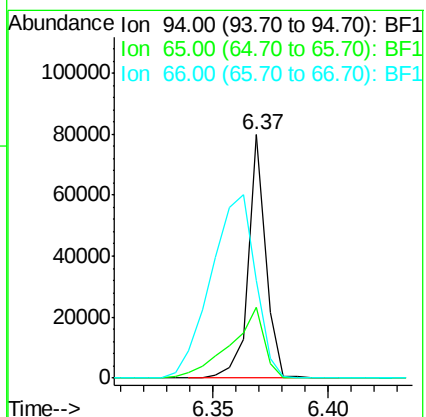
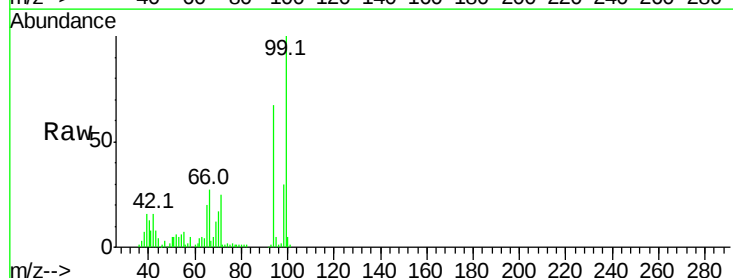
Tgt Ion: 94 Resp: 42472

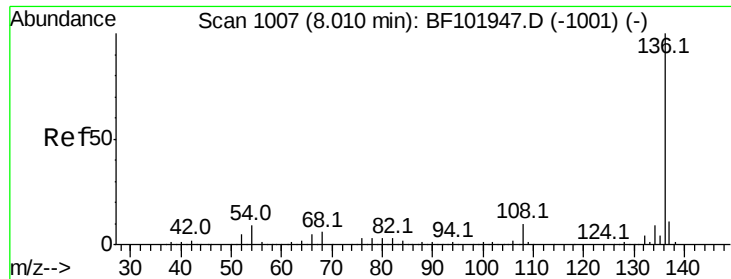
Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

66 40.0 16.2 56.2

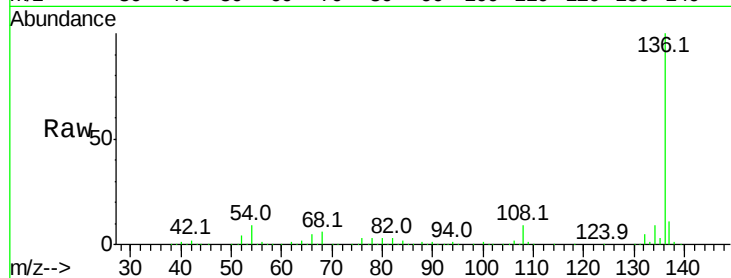




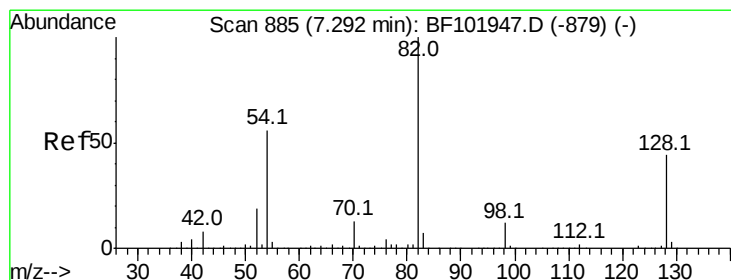
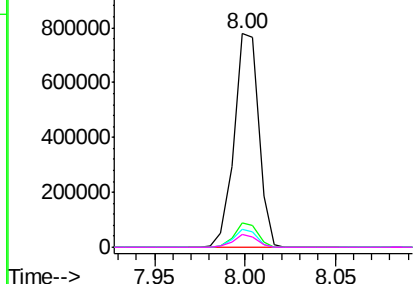
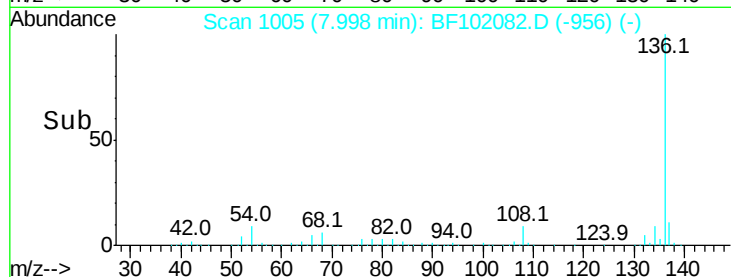
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF102082.D
Acq: 16 Jan 2018 00:00

Instrument :
BNA_F
ClientSampleId :
G-1

Tot Ion:	136	Resp:	738945
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	8.6	6.6	9.8
68	5.9	5.0	7.4

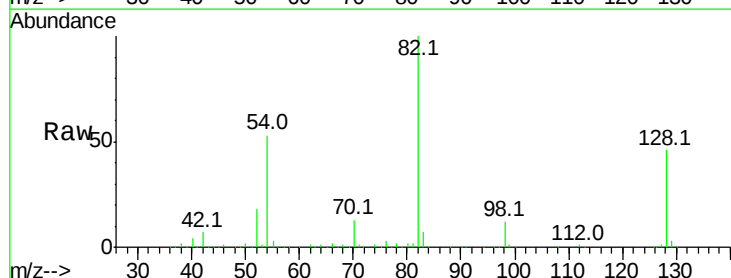


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

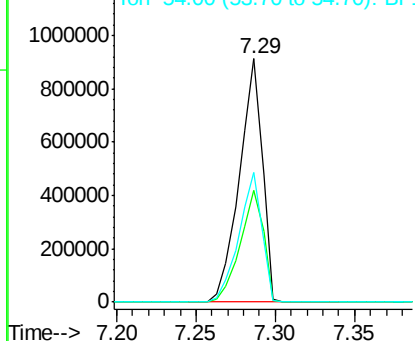
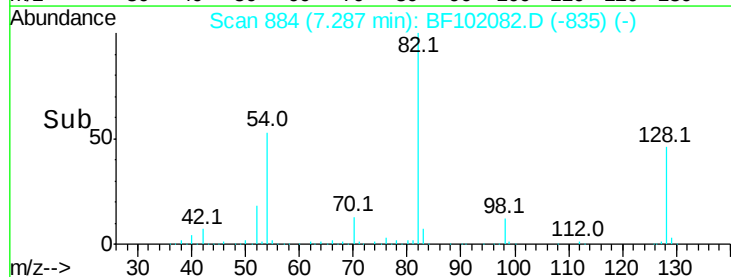


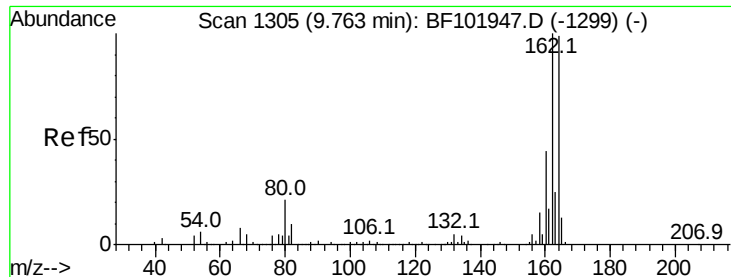
#23
Nitrobenzene-d5
Concen: 72.505 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102082.D
Acq: 16 Jan 2018 00:00

Tgt Ion:	82	Resp:	911740
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.5	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

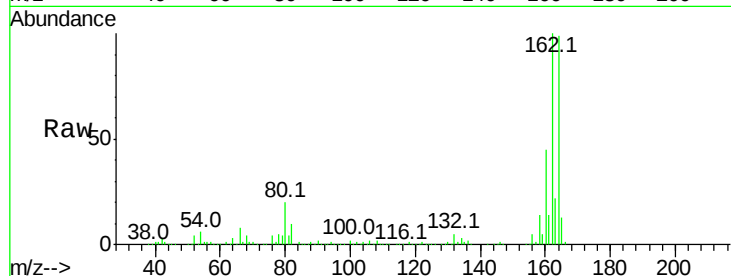




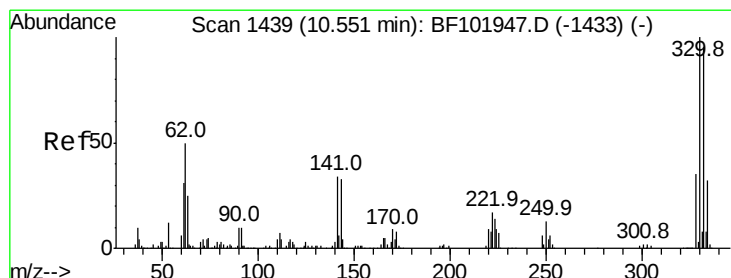
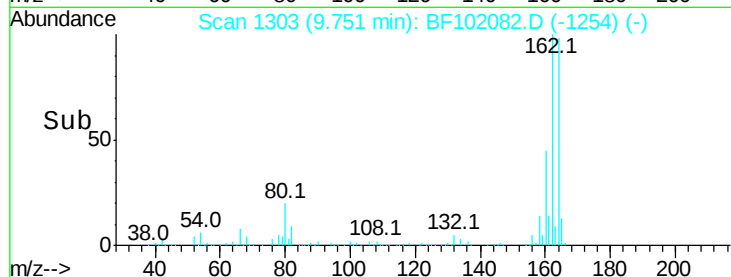
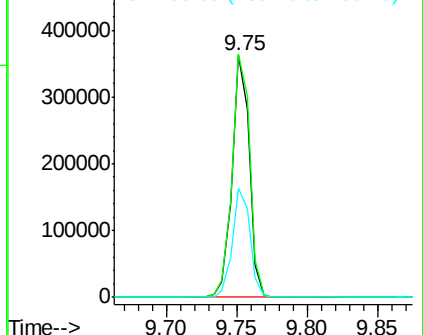
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102082.D
 Acq: 16 Jan 2018 00:00

Instrument :
 BNA_F
 ClientSampled :
 G-1

Tot Ion:164 Resp: 306020
 Ion Ratio Lower Upper
 164 100
 162 100.7 86.1 129.1
 160 45.0 38.3 57.5

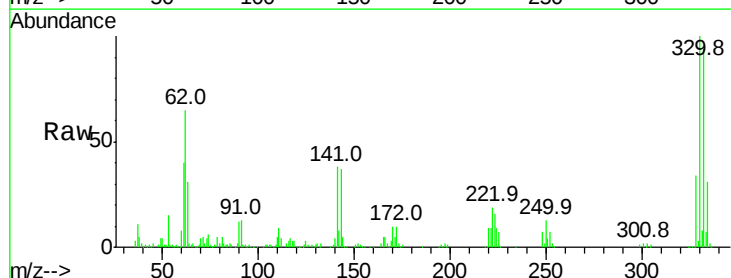


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

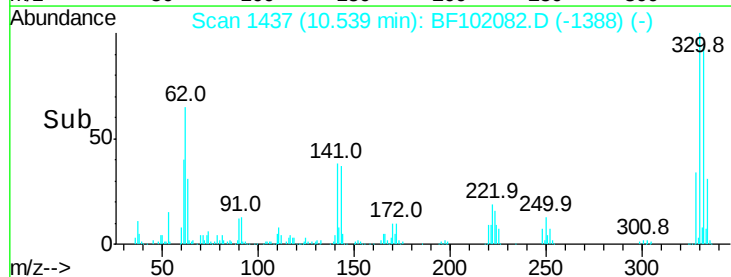
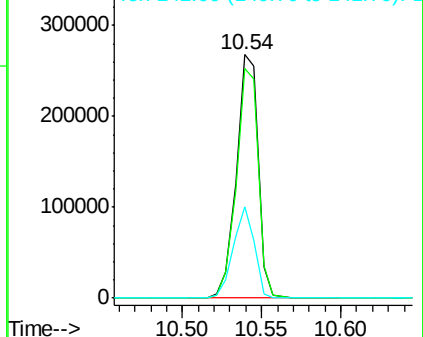


#41
 2,4,6-Tribromophenol
 Concen: 95.657 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102082.D
 Acq: 16 Jan 2018 00:00

Tgt Ion:330 Resp: 255461
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 36.9 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

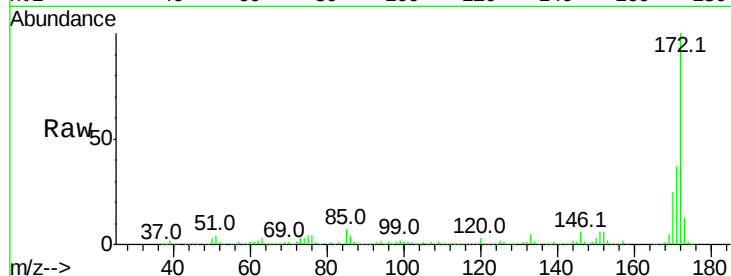




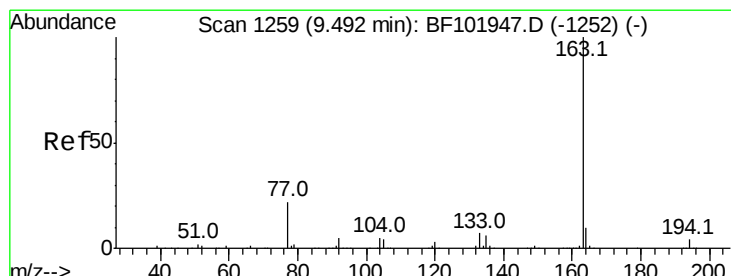
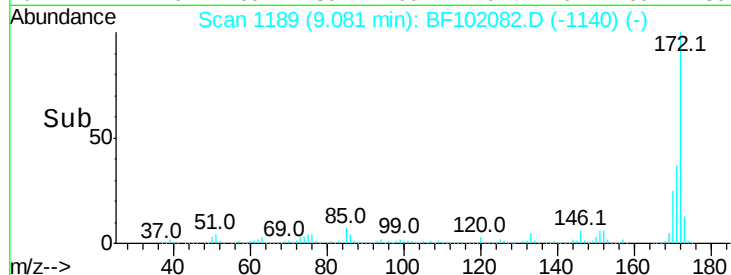
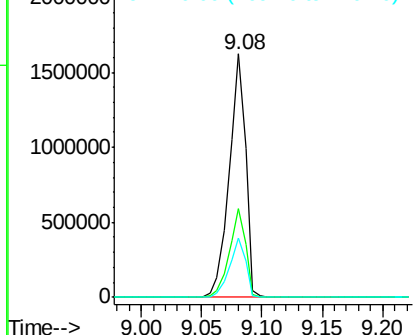
#44
2-Fluorobiphenyl
Concen: 78.660 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102082.D
Acq: 16 Jan 2018 00:00

Instrument :
BNA_F
ClientSampleId :
G-1

Tot Ion:172 Resp: 1540809
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.6 19.6 29.4

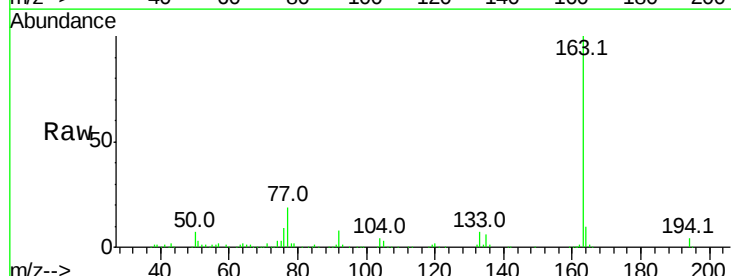


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

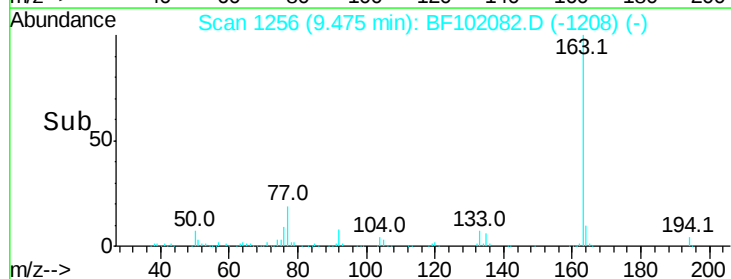
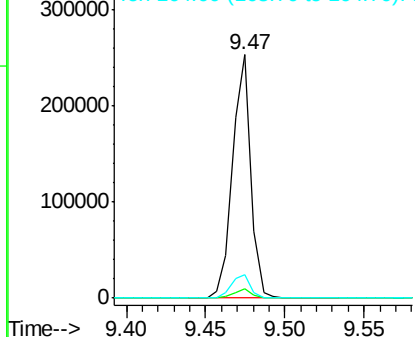


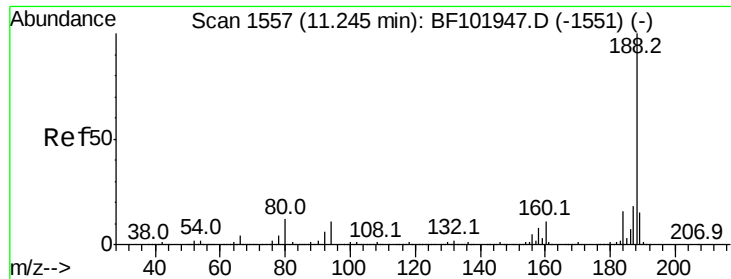
#49
Dimethylphthalate
Concen: 8.267 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102082.D
Acq: 16 Jan 2018 00:00

Tgt Ion:163 Resp: 202955
Ion Ratio Lower Upper
163 100
194 3.8 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

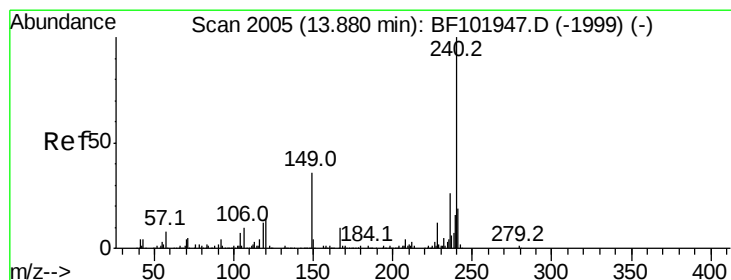
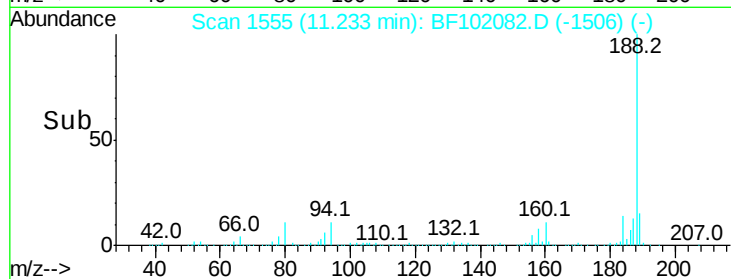
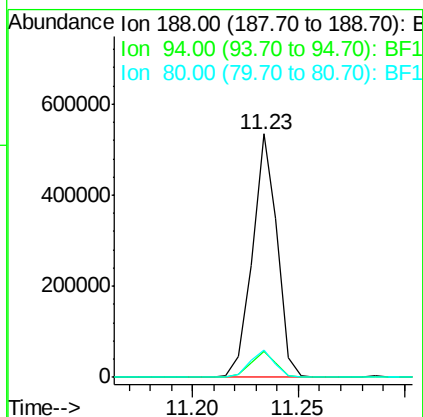
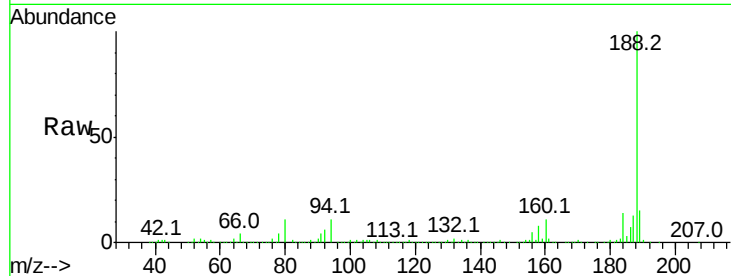




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102082.D
Acq: 16 Jan 2018 00:00

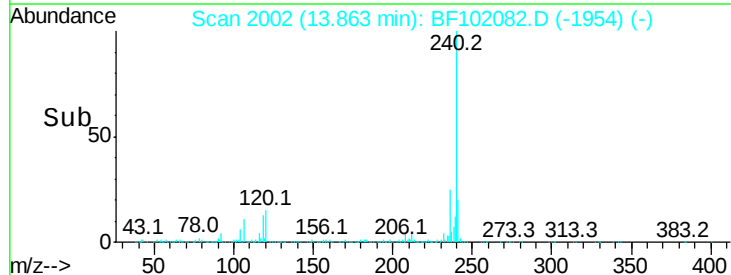
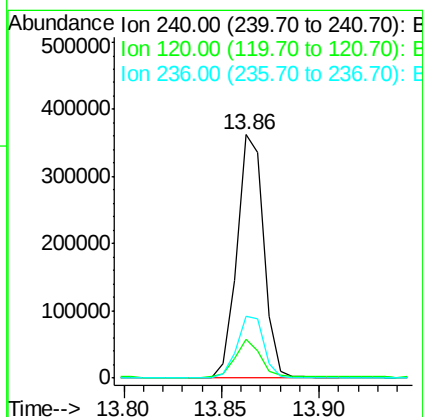
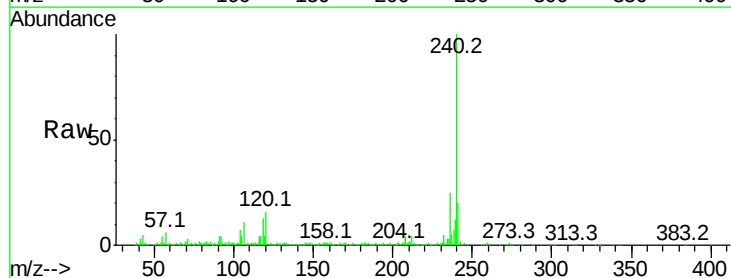
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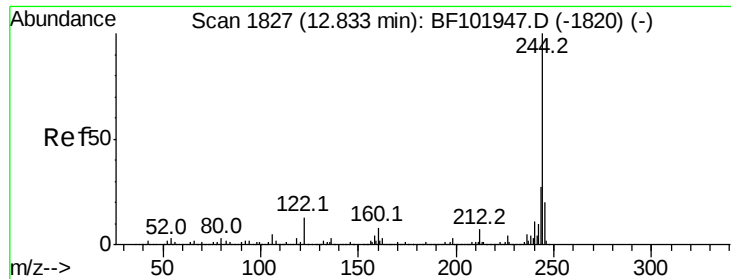
Tot Ion:188 Resp: 433090
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102082.D
Acq: 16 Jan 2018 00:00

Tgt Ion:240 Resp: 345058
Ion Ratio Lower Upper
240 100
120 15.7 9.5 14.3#
236 25.3 20.7 31.1

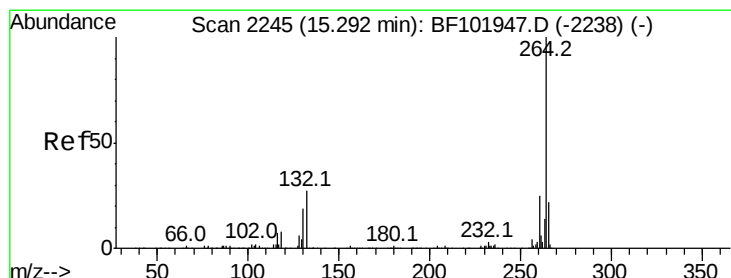
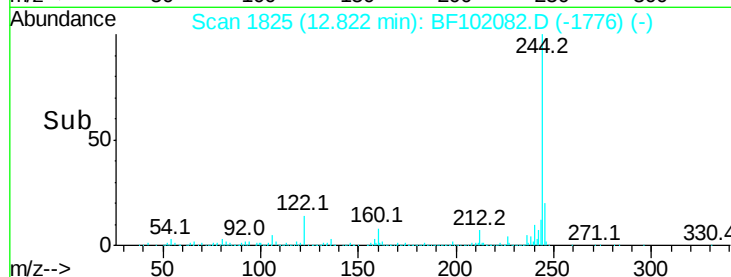
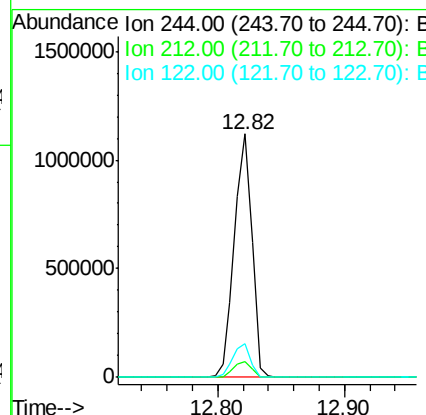
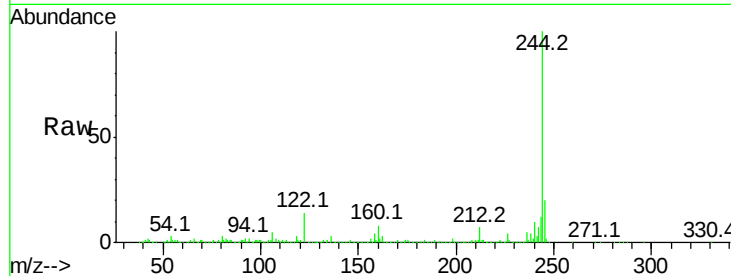




#78
 Terphenyl-d14
 Concen: 64.560 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102082.D
 Acq: 16 Jan 2018 00:00

Instrument :
 BNA_F
 ClientSampled :
 G-1

Tot Ion:244 Resp: 1072938
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.7 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: BF102082.D
 Acq: 16 Jan 2018 00:00

Tgt Ion:264 Resp: 347662
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.3 17.5 26.3

