

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102402.D
 Acq On : 24 Jan 2018 21:00
 Operator : SJ/JU
 Sample : J1254-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Quant Time: Jan 25 01:14:31 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 00:43:41 2018
 Response via : Initial Calibration

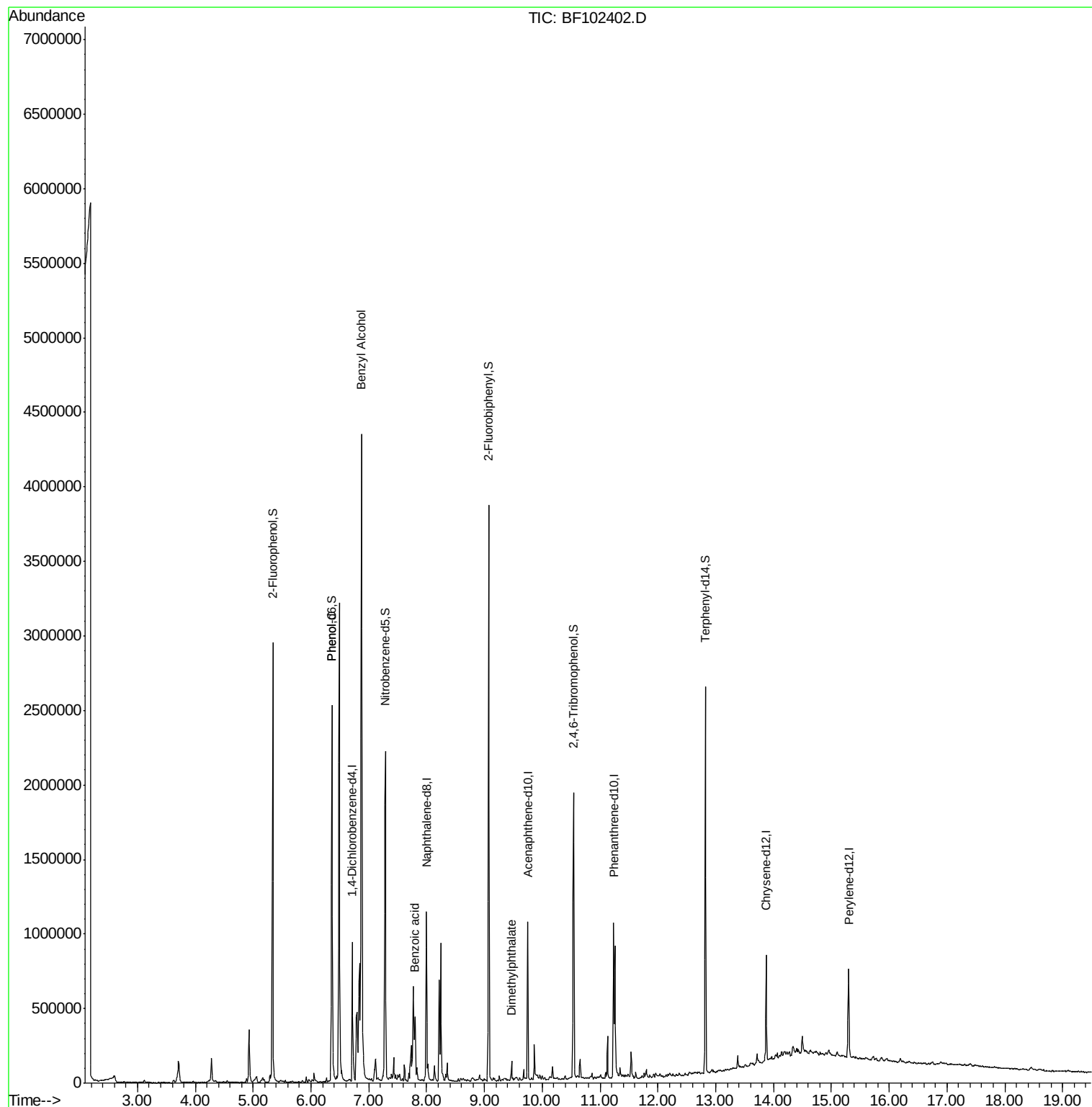
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	125372	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	512758	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	218261	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	344142	20.00	ng	0.00
75) Chrysene-d12	13.87	240	251734	20.00	ng	0.00
86) Perylene-d12	15.30	264	245339	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	926779	112.09	ng	0.02
7) Phenol-d6	6.36	99	1050560	105.39	ng	0.00
23) Nitrobenzene-d5	7.29	82	759302	85.10	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	235391	108.84	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1264047	85.15	ng	0.00
78) Terphenyl-d14	12.82	244	854508	76.52	ng	0.00
Target Compounds						
10) Phenol	6.37	94	39014	3.585	ng	Qvalue # 57
15) Benzyl Alcohol	6.88	79	656582	93.352	ng	97
32) Benzoic acid	7.80	122	179612	30.721	ng	97
49) Dimethylphthalate	9.47	163	43303	2.400	ng	97

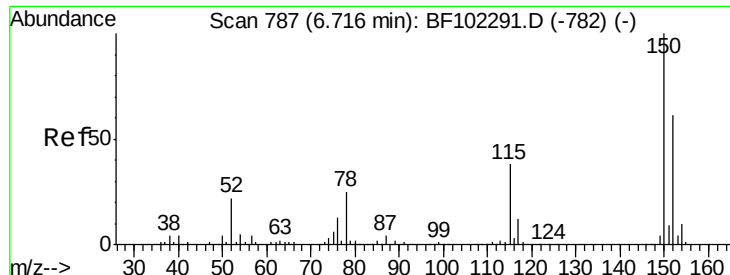
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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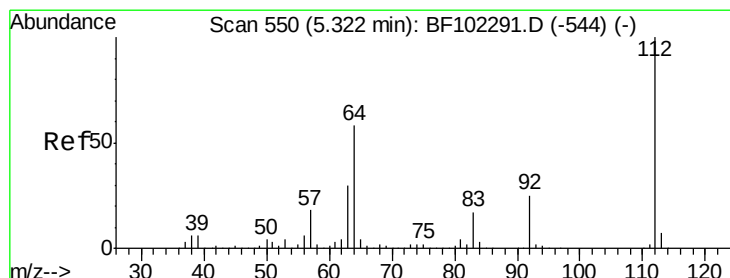
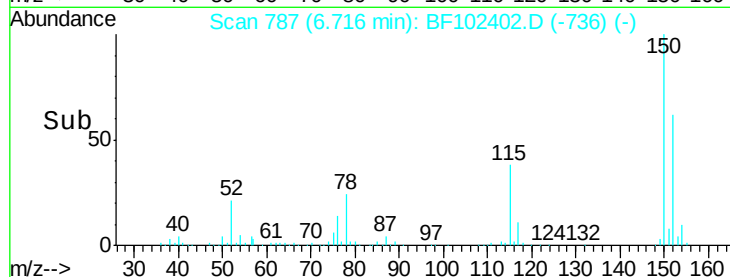
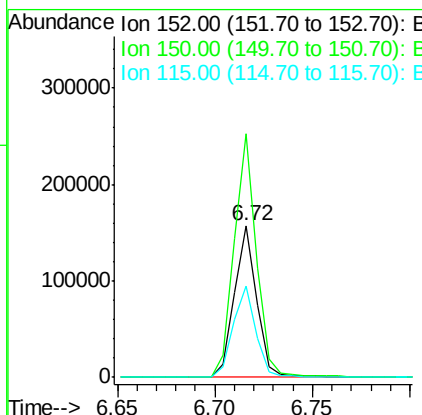
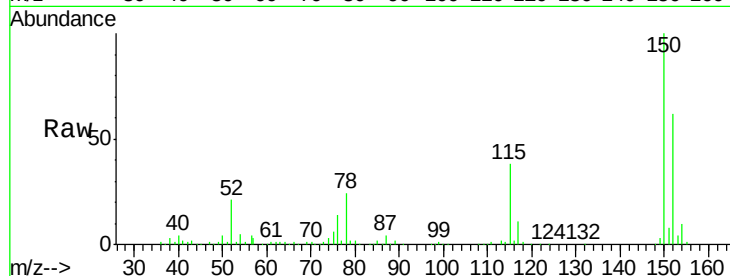


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF102402.D
Acq: 24 Jan 2018 21:00

Instrument :
BNA_F
ClientSampleId :
OWS-1

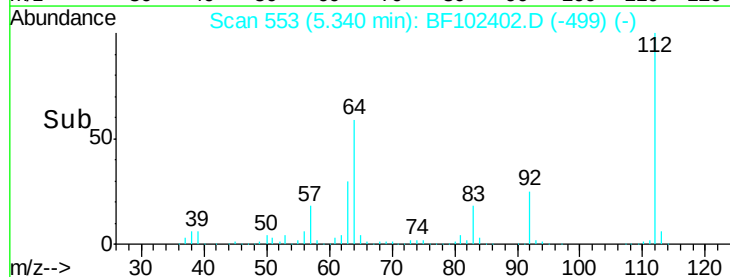
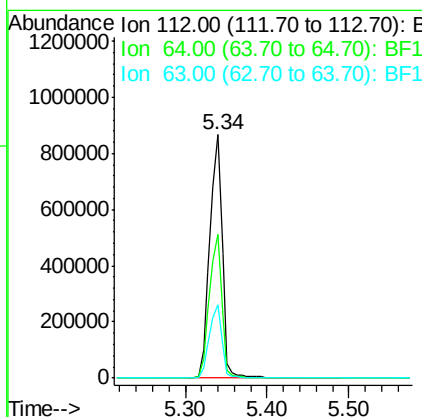
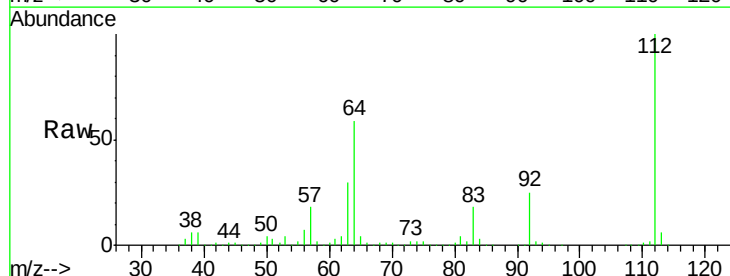
Tgt Ion:152 Resp: 125372
Ion Ratio Lower Upper
152 100
150 160.1 124.6 186.8
115 60.4 50.1 75.1

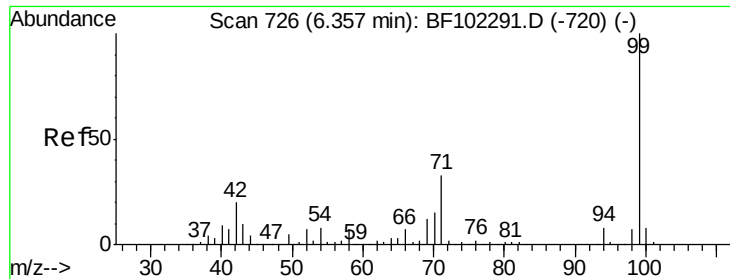


#5

2-Fluorophenol
Concen: 112.085 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.02 min
Lab File: BF102402.D
Acq: 24 Jan 2018 21:00

Tgt Ion:112 Resp: 926779
Ion Ratio Lower Upper
112 100
64 58.8 47.9 71.9
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 105.389 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102402.D

Acq: 24 Jan 2018 21:00

Instrument :

BNA_F

ClientSampleId :

OWS-1

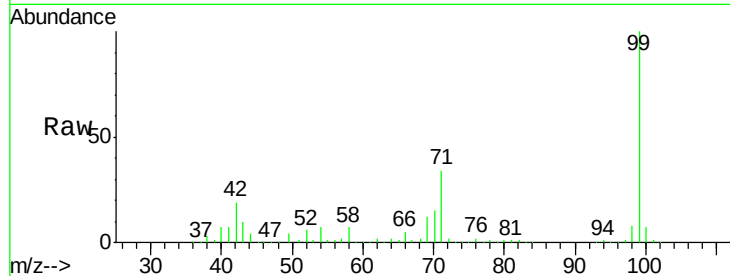
Tgt Ion: 99 Resp: 1050560

Ion Ratio Lower Upper

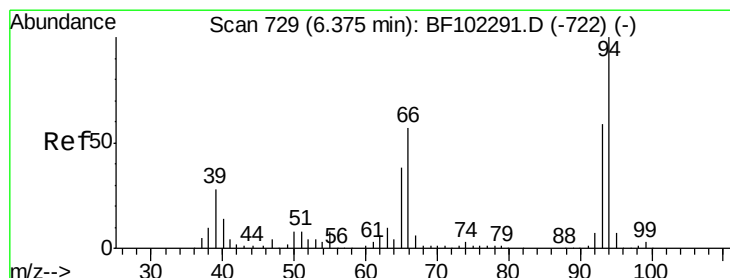
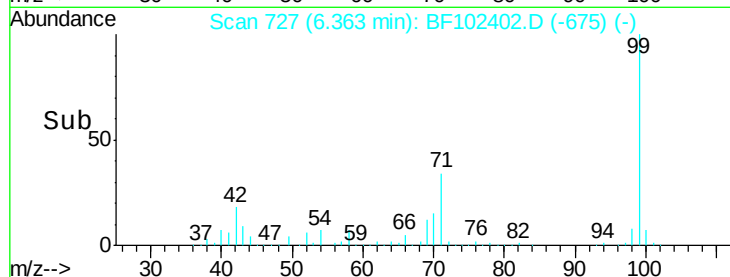
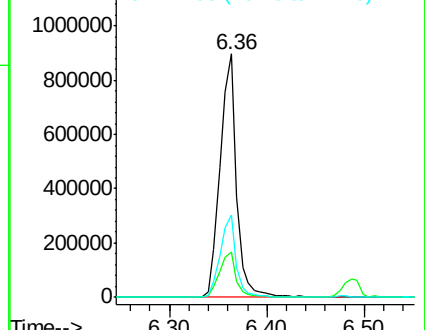
99 100

42 18.5 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.585 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102402.D

Acq: 24 Jan 2018 21:00

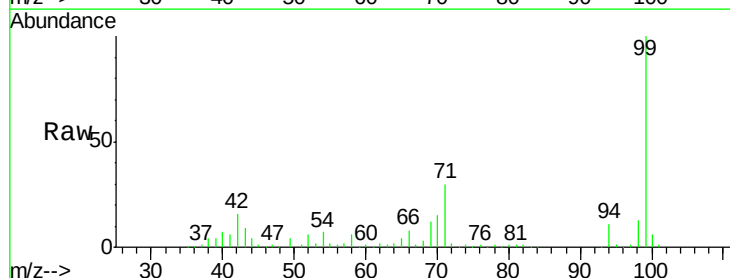
Tgt Ion: 94 Resp: 39014

Ion Ratio Lower Upper

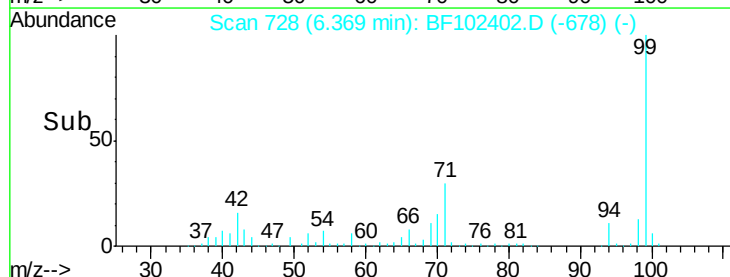
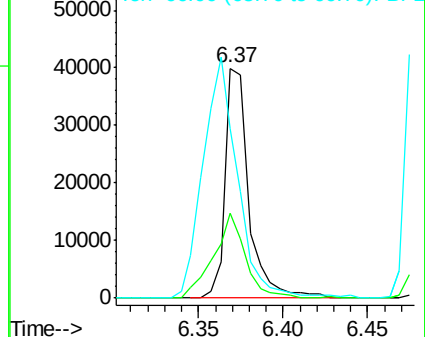
94 100

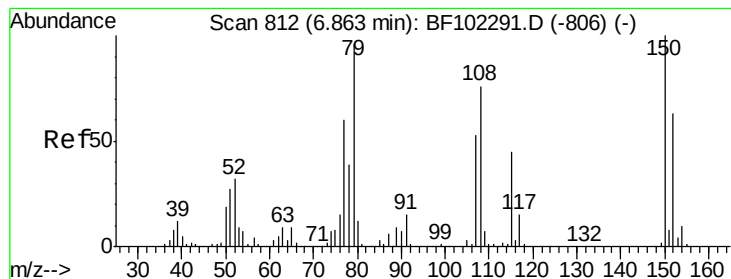
65 36.8 7.9 47.9

66 73.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 93.352 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF102402.D

Acq: 24 Jan 2018 21:00

Instrument :

BNA_F

ClientSampleId :

OWS-1

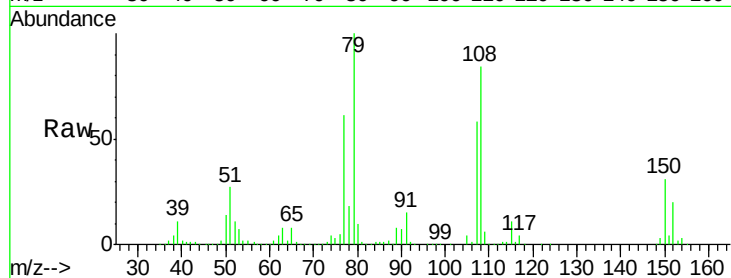
Tgt Ion: 79 Resp: 656582

Ion Ratio Lower Upper

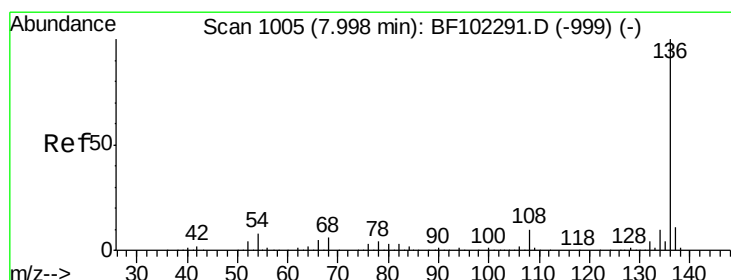
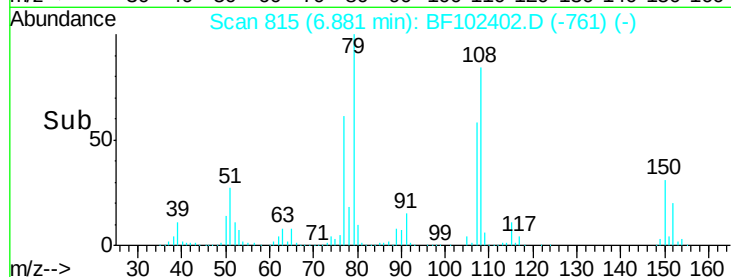
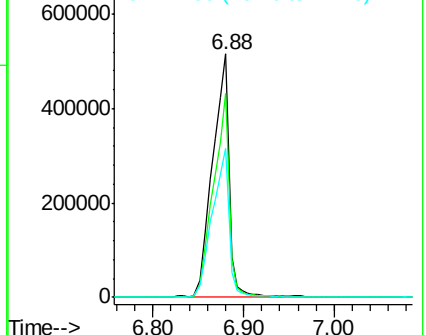
79 100

108 84.0 65.1 97.7

77 61.3 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102402.D

Acq: 24 Jan 2018 21:00

Tgt Ion: 136 Resp: 512758

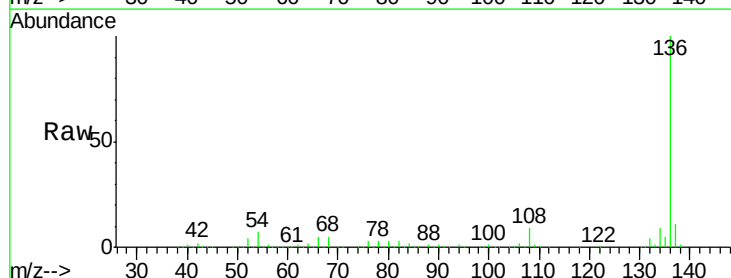
Ion Ratio Lower Upper

136 100

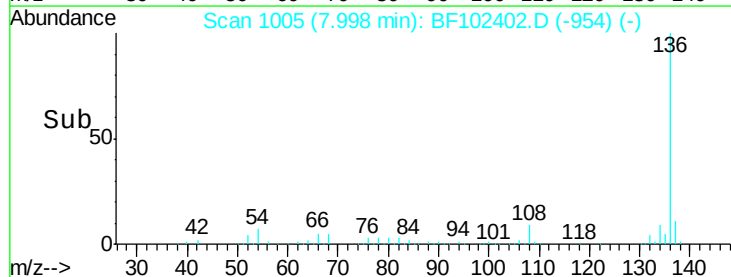
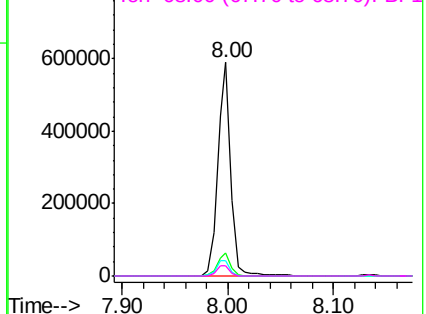
137 10.7 8.9 13.3

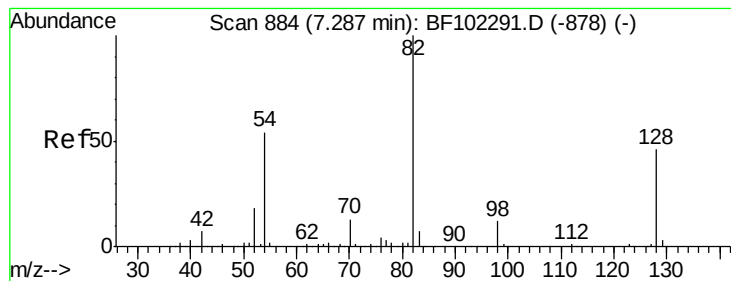
54 7.3 6.6 9.8

68 5.1 5.0 7.4



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





#23

Nitrobenzene-d5

Concen: 85.098 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102402.D

Acq: 24 Jan 2018 21:00

Instrument :

BNA_F

ClientSampleId :

OWS-1

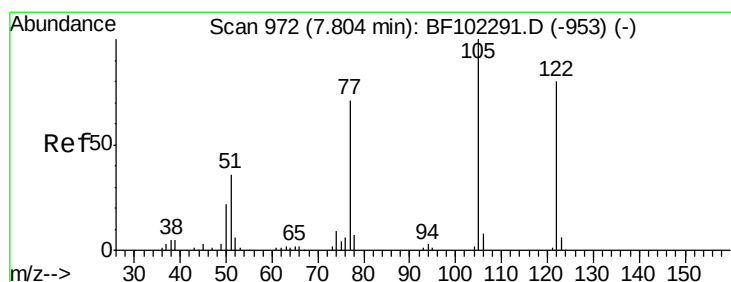
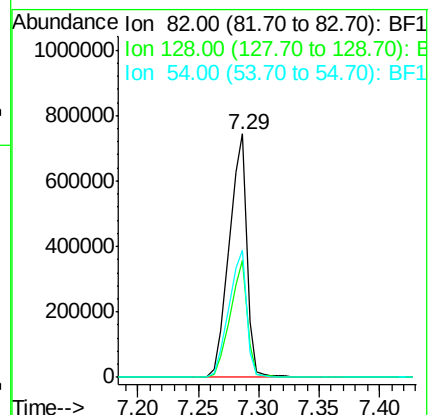
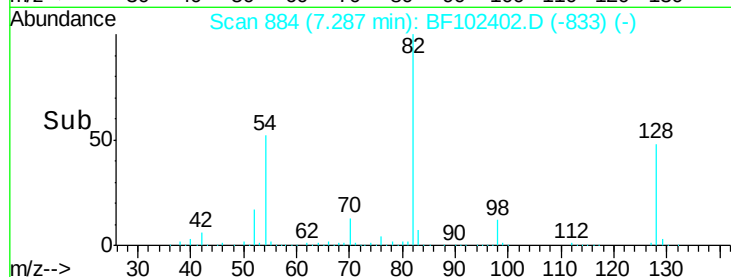
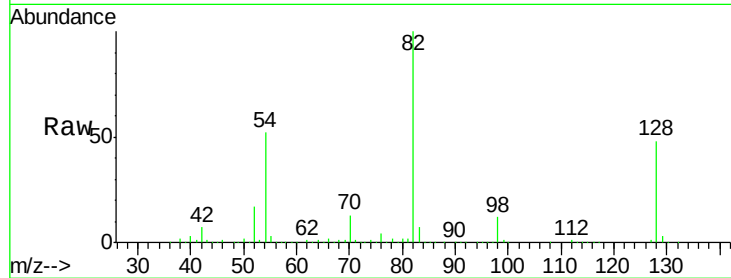
Tgt Ion: 82 Resp: 759302

Ion Ratio Lower Upper

82 100

128 48.1 36.1 54.1

54 52.3 41.4 62.2



#32

Benzoic acid

Concen: 30.721 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF102402.D

Acq: 24 Jan 2018 21:00

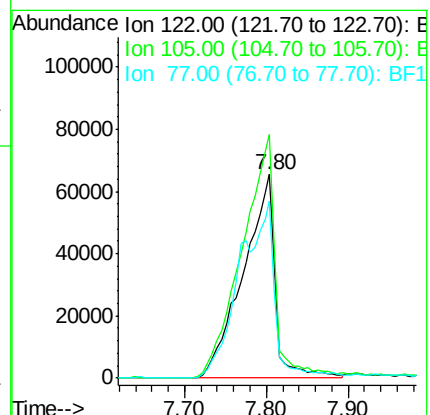
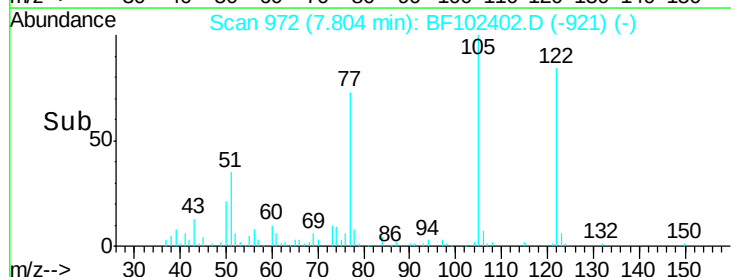
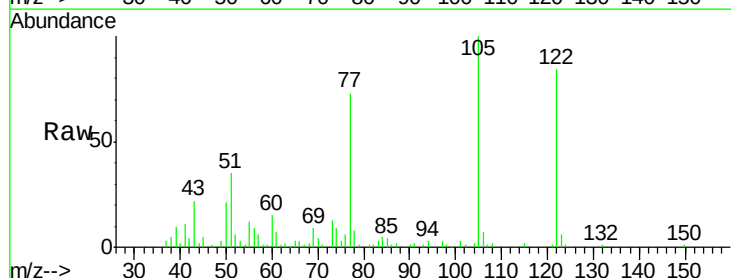
Tgt Ion: 122 Resp: 179612

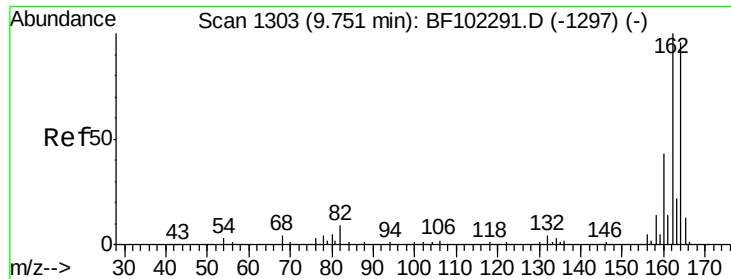
Ion Ratio Lower Upper

122 100

105 119.4 101.1 141.1

77 86.6 70.7 110.7

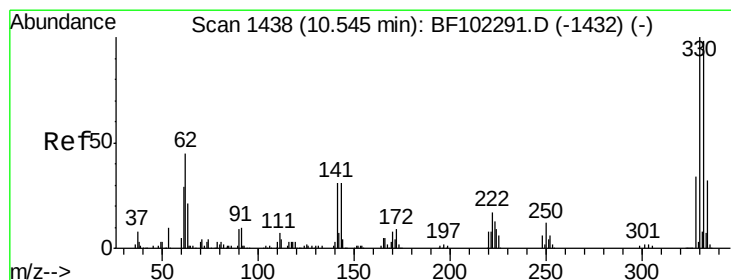
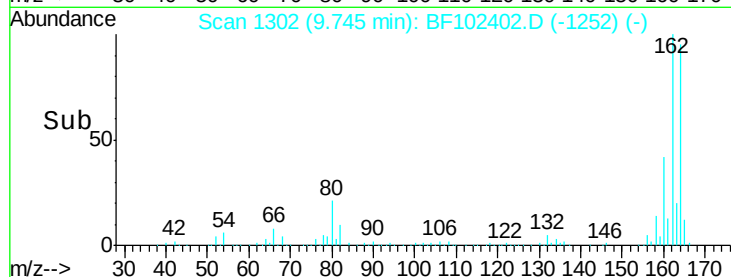
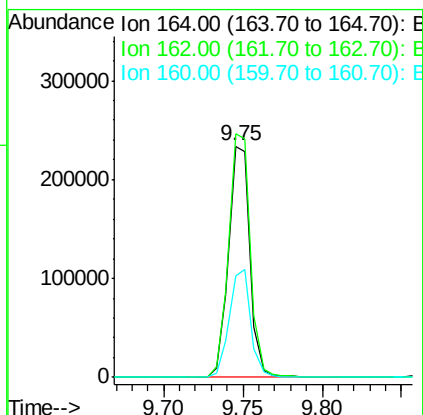
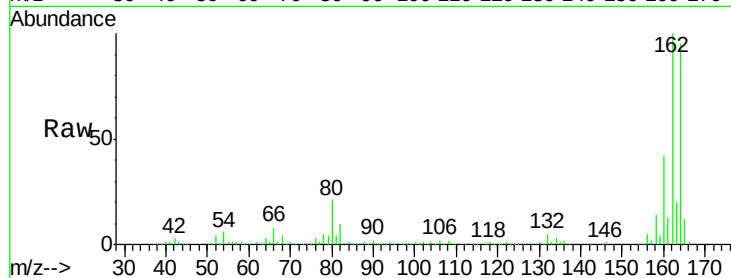




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102402.D
 Acq: 24 Jan 2018 21:00

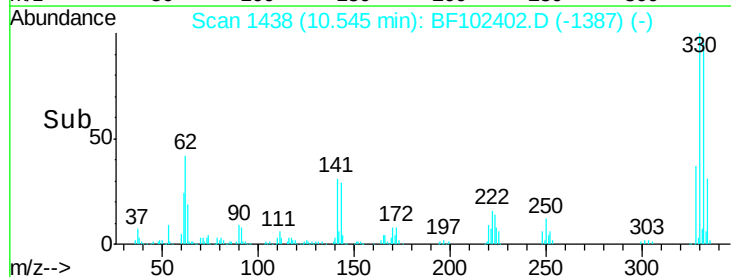
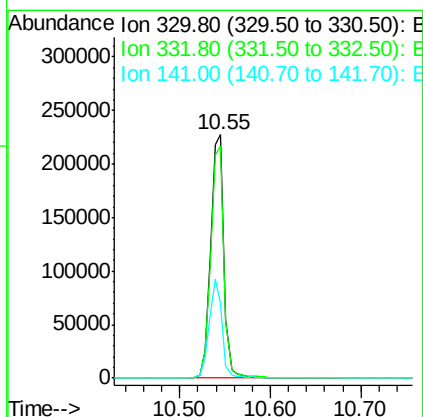
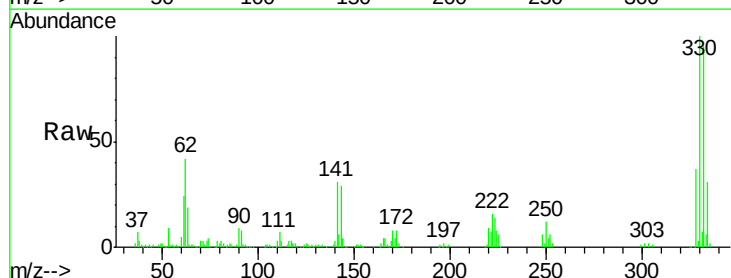
Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

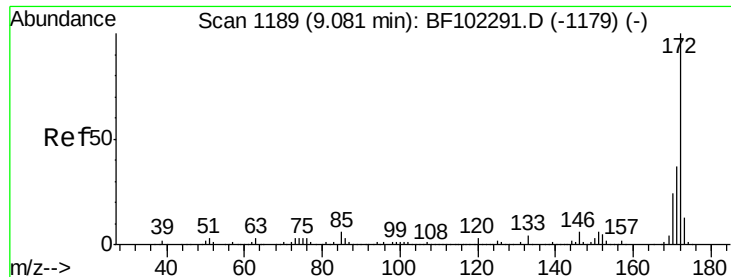
Tgt Ion:164 Resp: 218261
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 43.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 108.844 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102402.D
 Acq: 24 Jan 2018 21:00

Tgt Ion:330 Resp: 235391
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 40.0 29.9 44.9

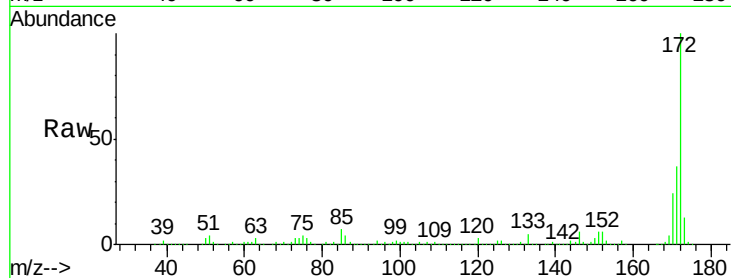




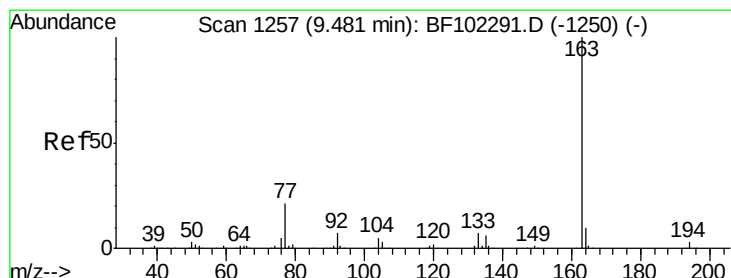
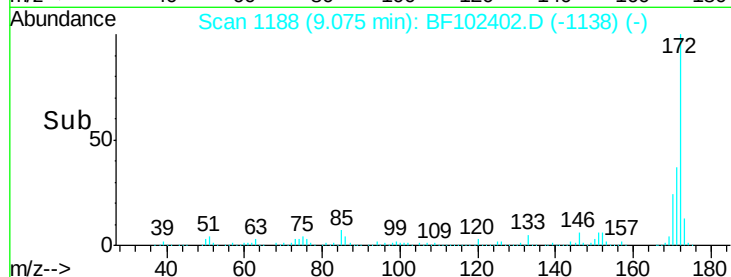
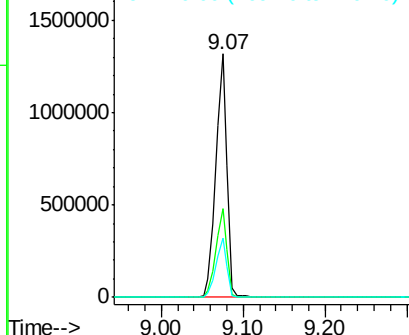
#44
 2-Fluorobiphenyl
 Concen: 85.155 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102402.D
 Acq: 24 Jan 2018 21:00

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Tgt Ion:172 Resp: 1264047
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 19.6 29.4

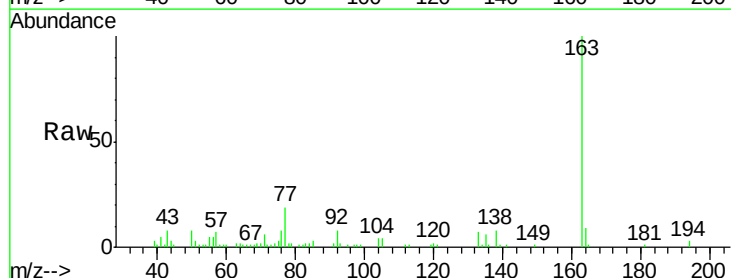


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

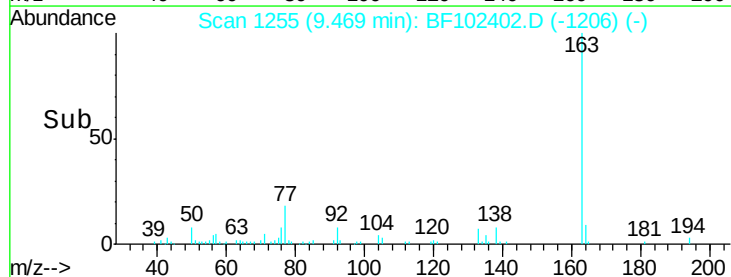
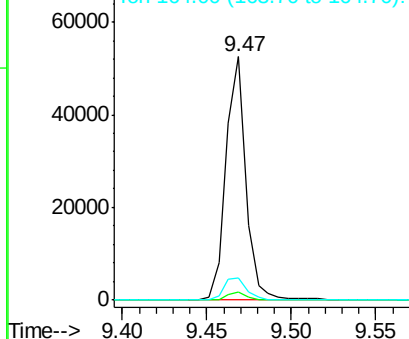


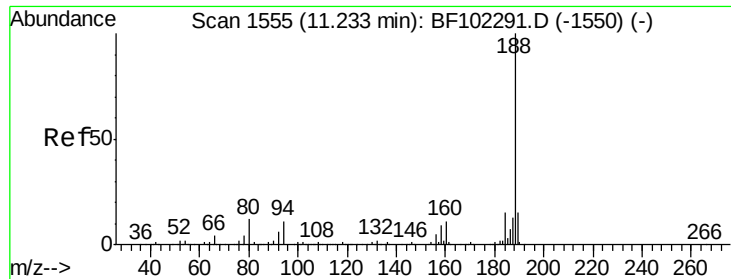
#49
 Dimethylphthalate
 Concen: 2.400 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102402.D
 Acq: 24 Jan 2018 21:00

Tgt Ion:163 Resp: 43303
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 8.9 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

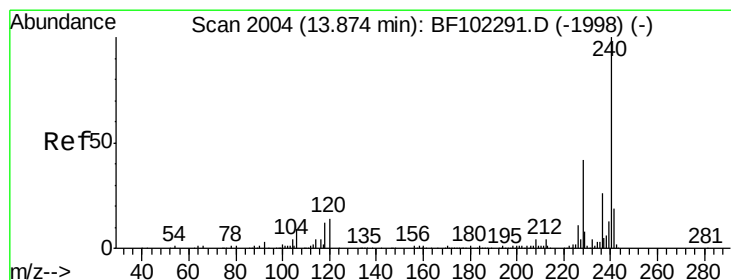
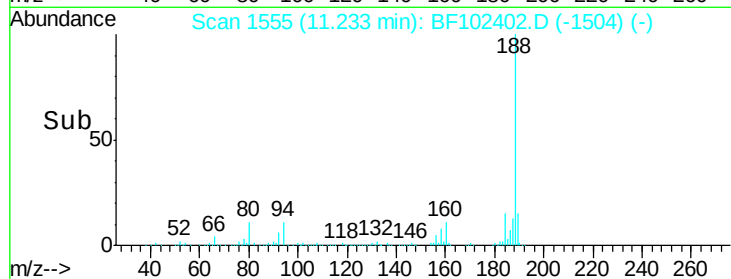
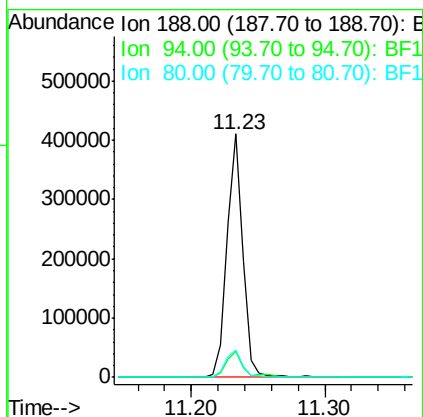
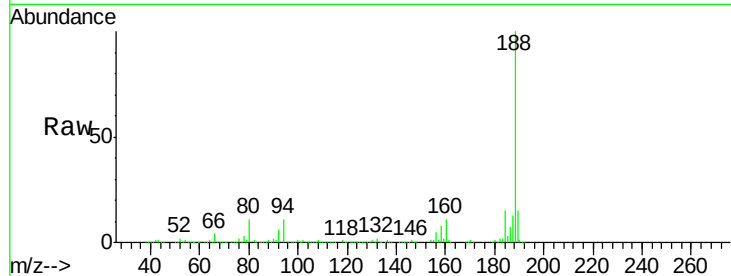




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102402.D
Acq: 24 Jan 2018 21:00

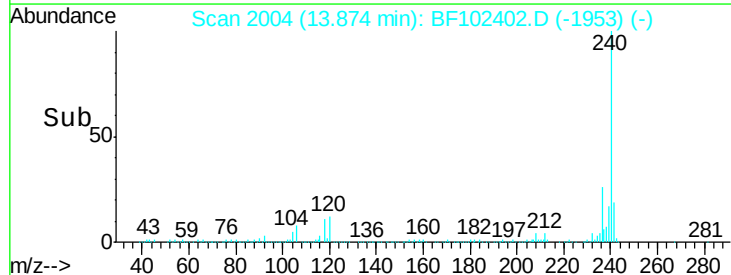
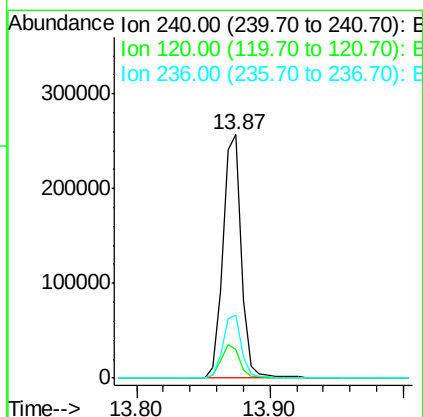
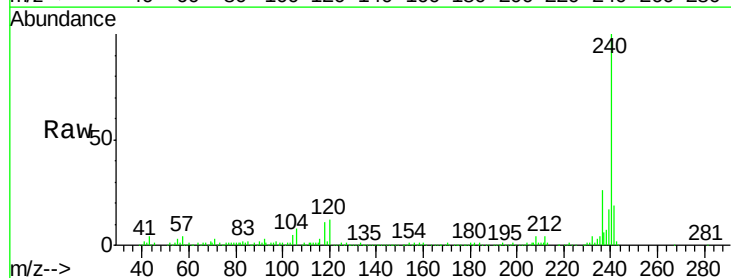
Instrument :
BNA_F
ClientSampleId :
OWS-1

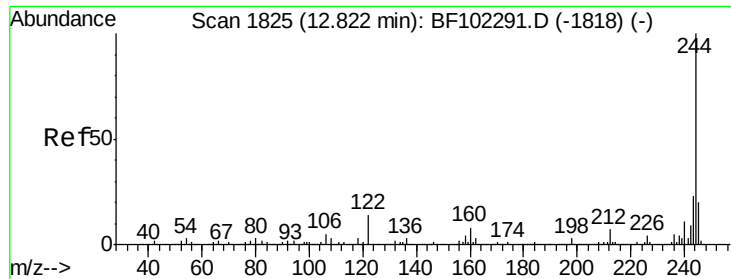
Tgt Ion:188 Resp: 344142
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102402.D
Acq: 24 Jan 2018 21:00

Tgt Ion:240 Resp: 251734
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 25.7 20.7 31.1

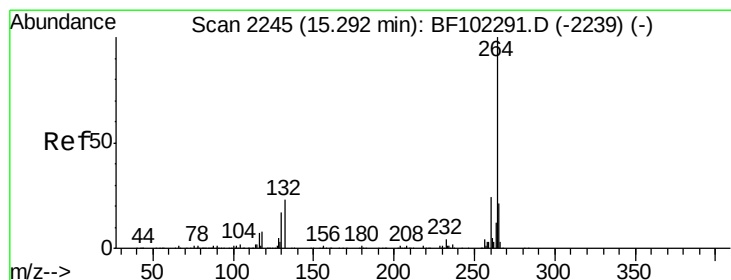
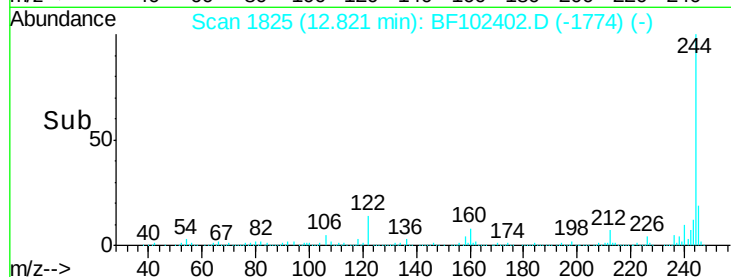
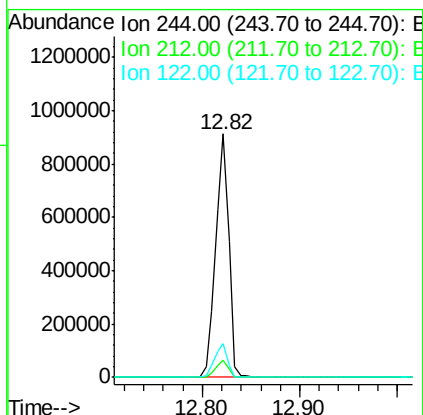
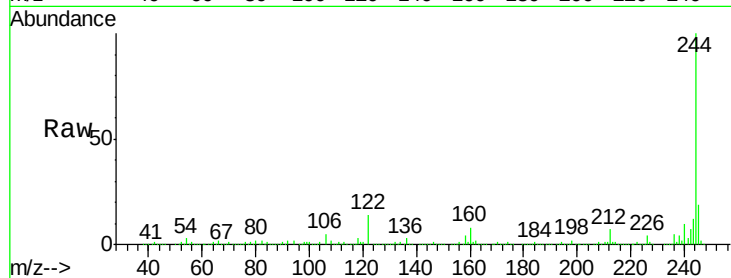




#78
 Terphenyl-d14
 Concen: 76.524 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102402.D
 Acq: 24 Jan 2018 21:00

Instrument :
 BNA_F
 ClientSampleId :
 OWS-1

Tgt Ion: 244 Resp: 854508
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102402.D
 Acq: 24 Jan 2018 21:00

Tgt Ion: 264 Resp: 245339
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.7 17.5 26.3

