

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012418\
 Data File : BF102403.D
 Acq On : 24 Jan 2018 21:27
 Operator : SJ/JU
 Sample : J1254-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OWS-2

Quant Time: Jan 25 01:24:12 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

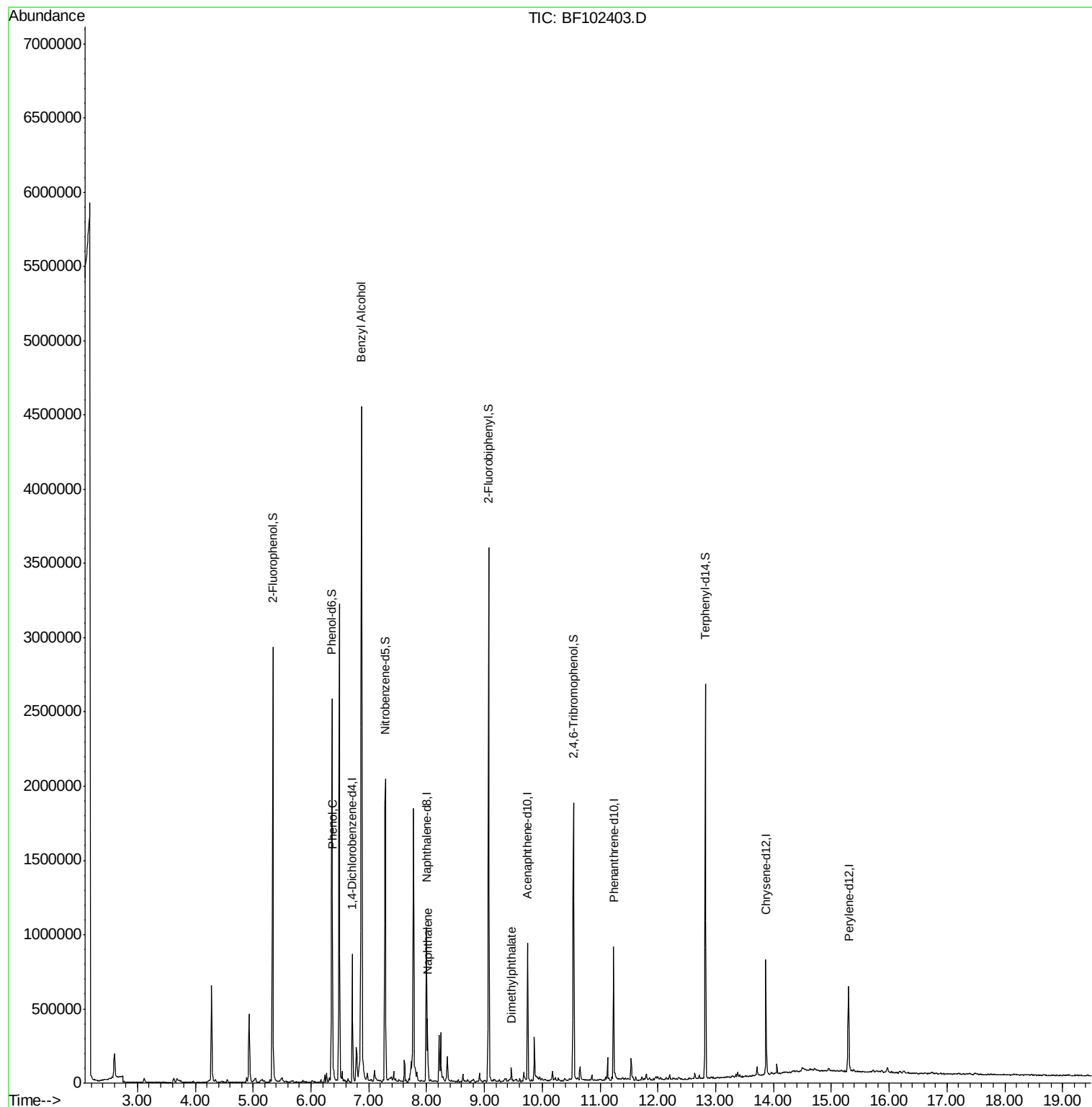
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117144	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	468078	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	188726	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	304505	20.00	ng	0.00
75) Chrysene-d12	13.87	240	260815	20.00	ng	0.00
86) Perylene-d12	15.30	264	249708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	931515	120.57	ng	0.02
7) Phenol-d6	6.36	99	1033577	110.97	ng	0.00
23) Nitrobenzene-d5	7.29	82	712365	87.46	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	212086	113.41	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1195945	93.18	ng	0.00
78) Terphenyl-d14	12.82	244	867761	75.01	ng	0.00
Target Compounds						
10) Phenol	6.37	94	34868	3.429	ng	95
15) Benzyl Alcohol	6.88	79	922987	140.446	ng	99
31) Naphthalene	8.02	128	174187	7.453	ng	99
49) Dimethylphthalate	9.47	163	32446	2.080	ng	99

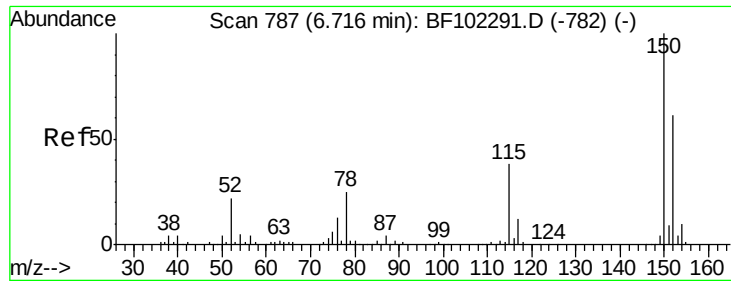
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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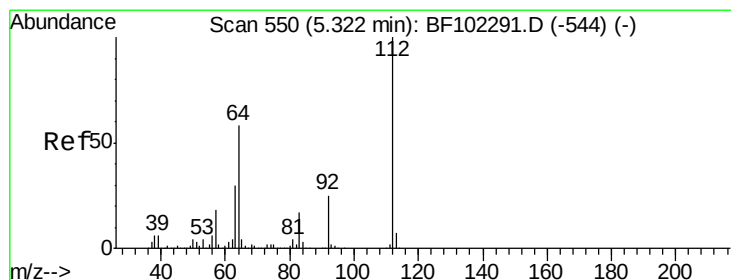
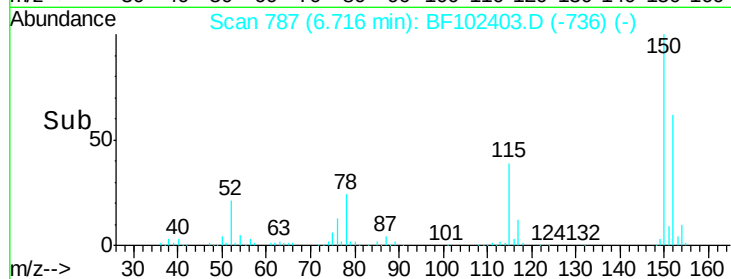
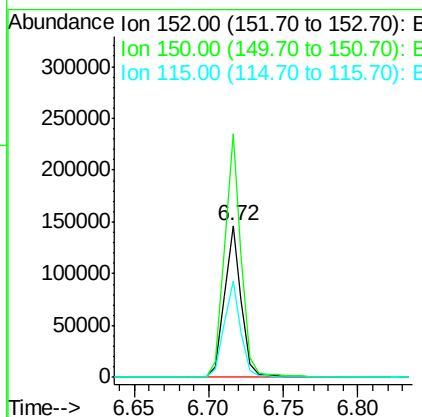
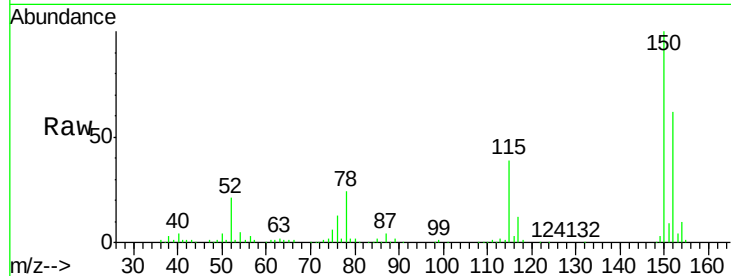




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

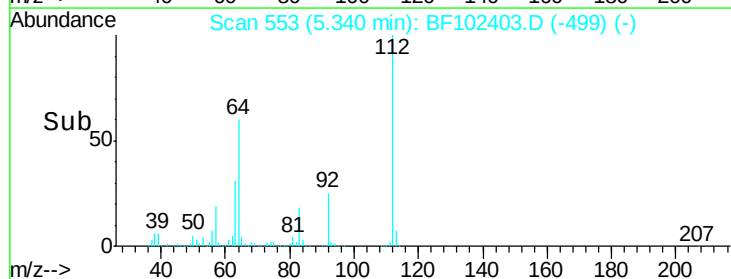
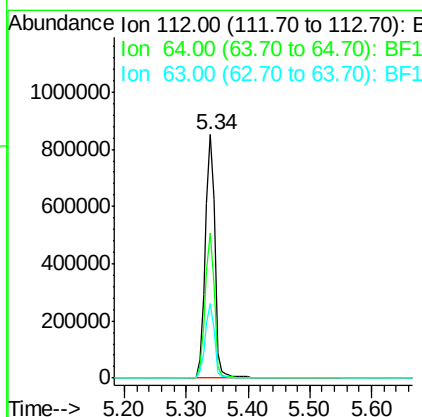
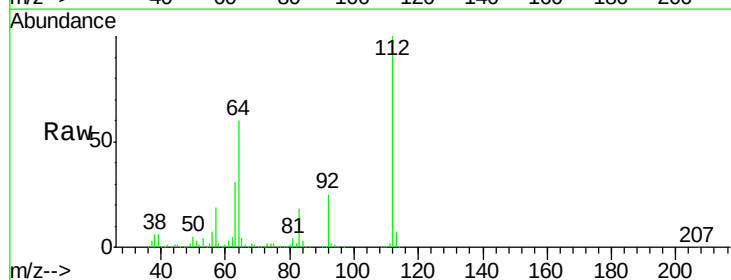
Instrument :
 BNA_F
 ClientSampleId :
 OWS-2

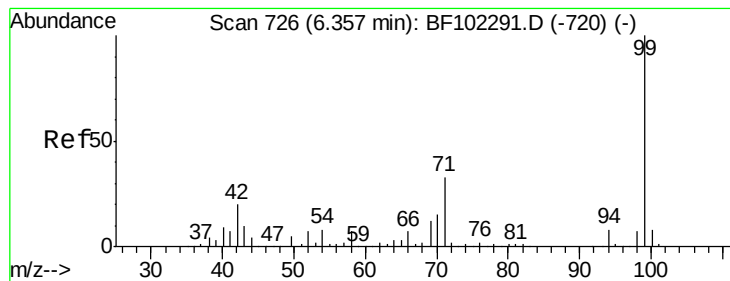
Tgt Ion:152 Resp: 117144
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.6 186.8
 115 63.2 50.1 75.1



#5
 2-Fluorophenol
 Concen: 120.571 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

Tgt Ion:112 Resp: 931515
 Ion Ratio Lower Upper
 112 100
 64 59.5 47.9 71.9
 63 30.8 23.7 35.5





#7

Phenol-d6

Concen: 110.968 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102403.D

Acq: 24 Jan 2018 21:27

Instrument :

BNA_F

ClientSampleId :

OWS-2

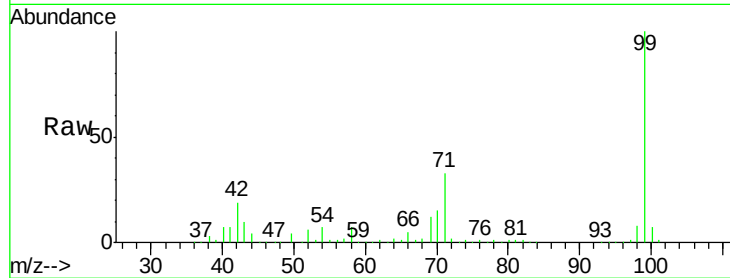
Tgt Ion: 99 Resp: 1033577

Ion Ratio Lower Upper

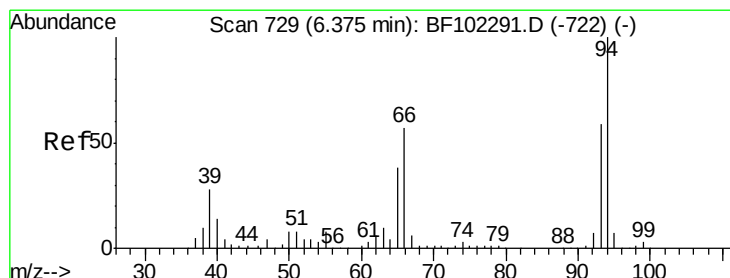
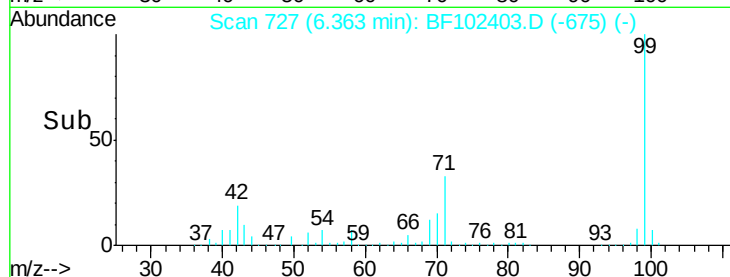
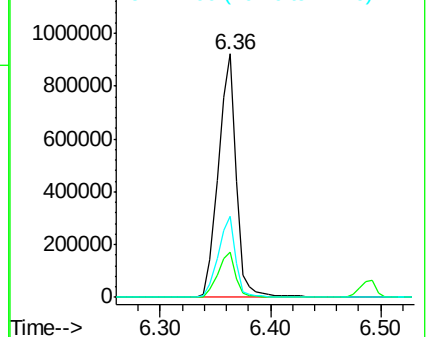
99 100

42 18.8 14.5 21.7

71 33.5 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: 3.429 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF102403.D

Acq: 24 Jan 2018 21:27

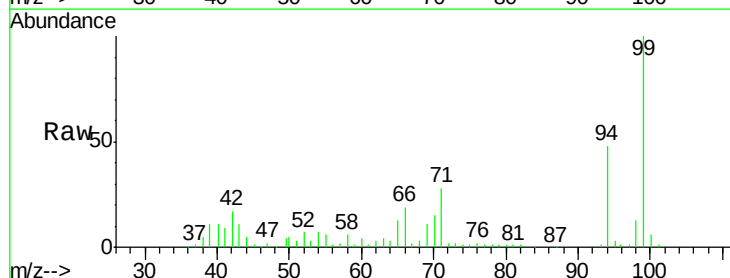
Tgt Ion: 94 Resp: 34868

Ion Ratio Lower Upper

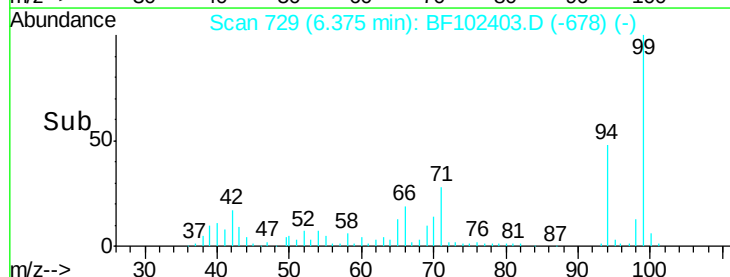
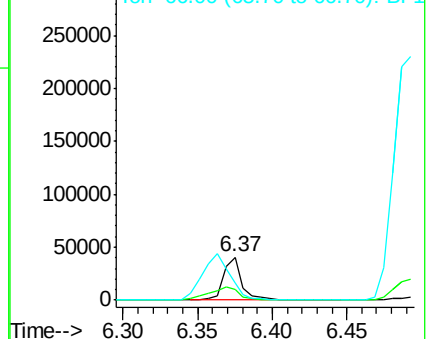
94 100

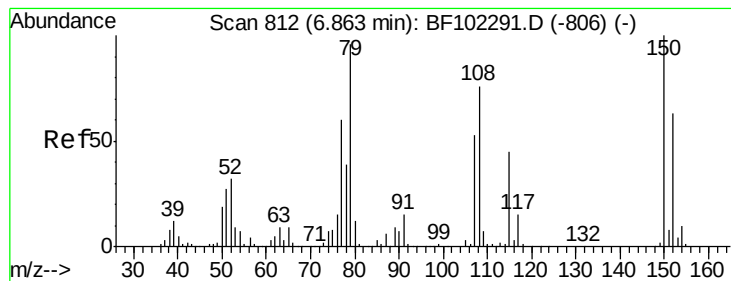
65 26.1 7.9 47.9

66 40.3 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: 140.446 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF102403.D

Acq: 24 Jan 2018 21:27

Instrument :

BNA_F

ClientSampleId :

OWS-2

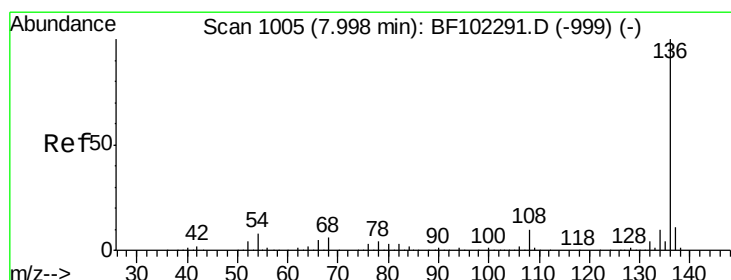
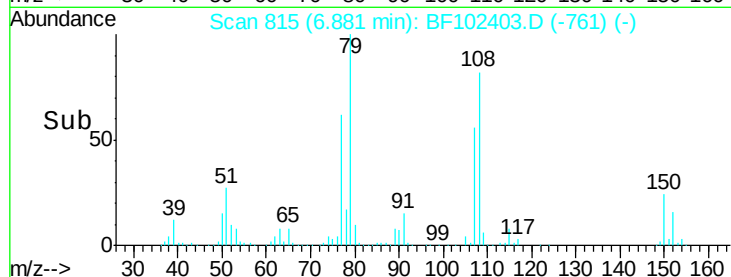
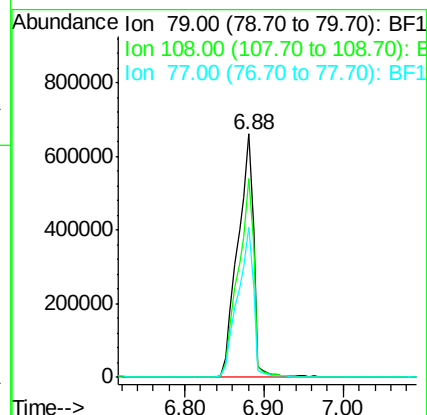
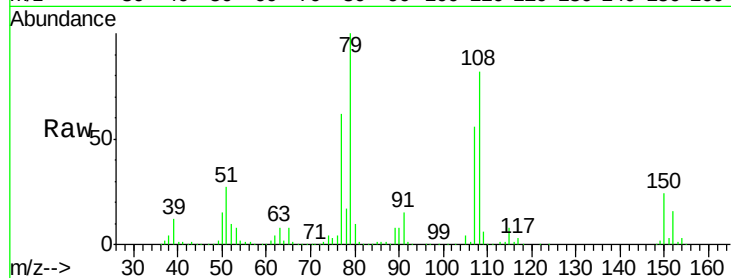
Tgt Ion: 79 Resp: 922987

Ion Ratio Lower Upper

79 100

108 81.6 65.1 97.7

77 61.7 50.6 75.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102403.D

Acq: 24 Jan 2018 21:27

Tgt Ion: 136 Resp: 468078

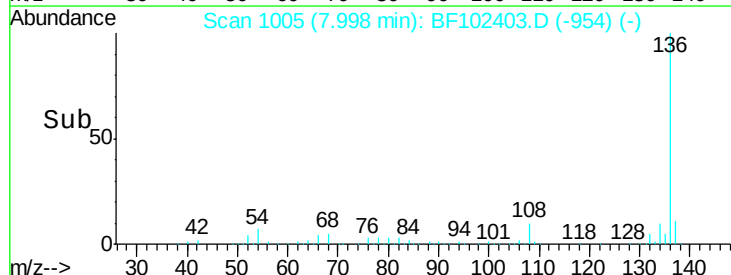
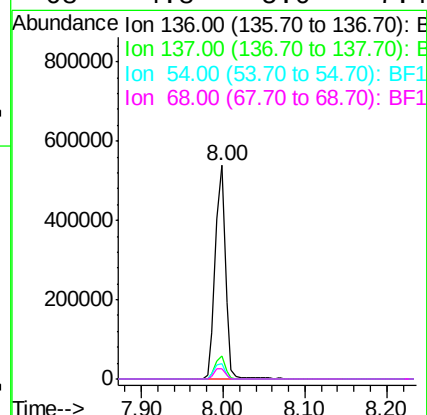
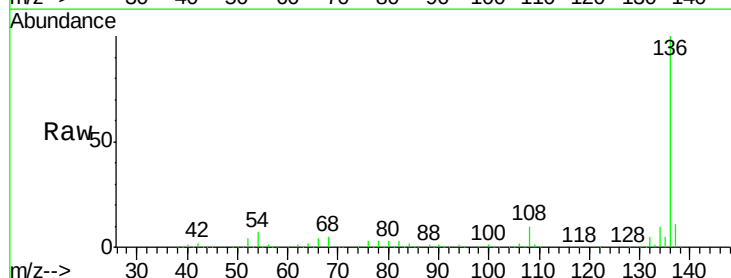
Ion Ratio Lower Upper

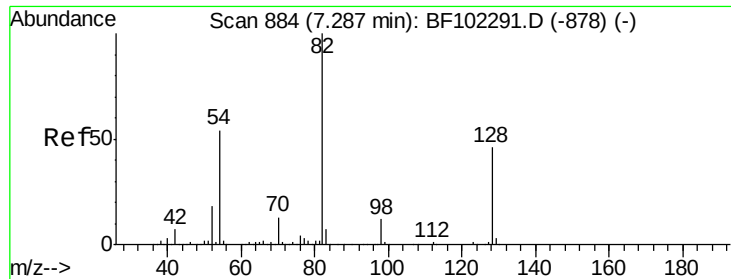
136 100

137 10.8 8.9 13.3

54 7.3 6.6 9.8

68 4.8 5.0 7.4#

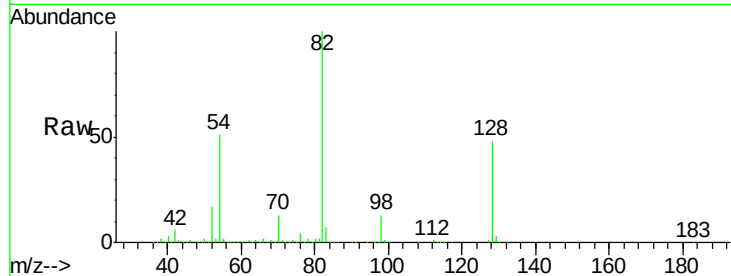




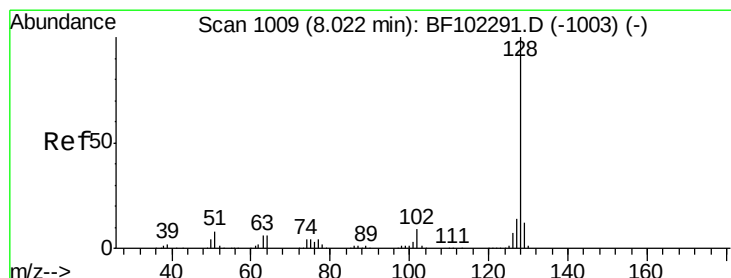
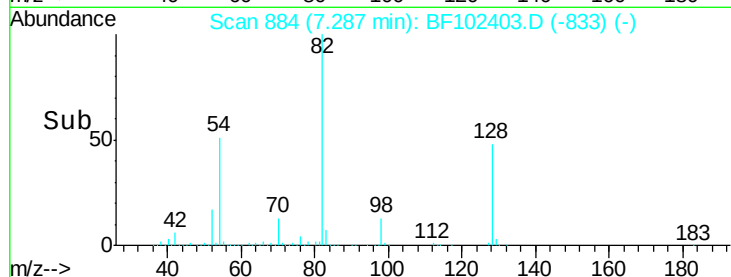
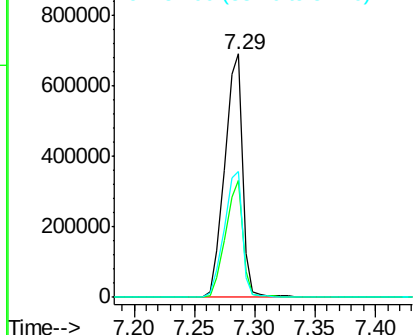
#23
 Nitrobenzene-d5
 Concen: 87.459 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

Instrument :
 BNA_F
 ClientSampled :
 OWS-2

Tgt Ion: 82 Resp: 712365
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.1 54.1
 54 51.5 41.4 62.2

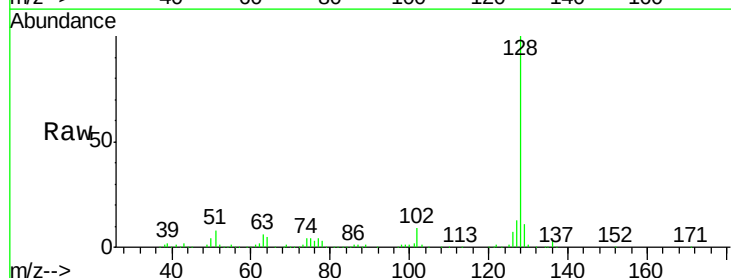


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

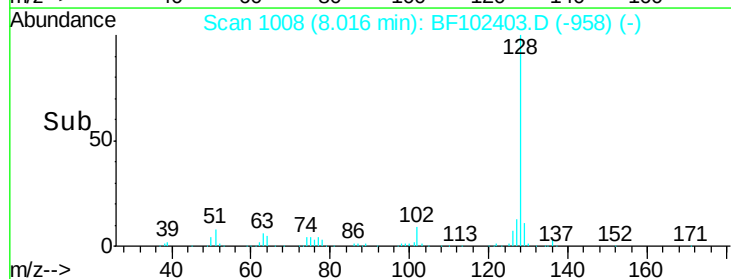
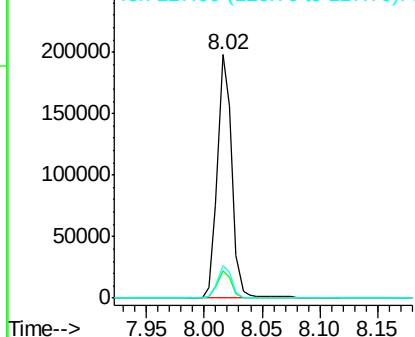


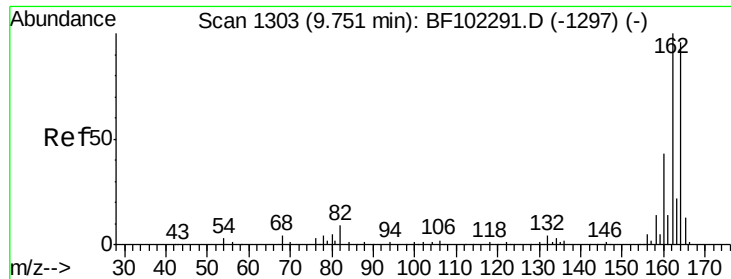
#31
 Naphthalene
 Concen: 7.453 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

Tgt Ion: 128 Resp: 174187
 Ion Ratio Lower Upper
 128 100
 129 11.4 8.8 13.2
 127 13.1 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): BF1
 Ion 129.00 (128.70 to 129.70): BF1
 Ion 127.00 (126.70 to 127.70): BF1

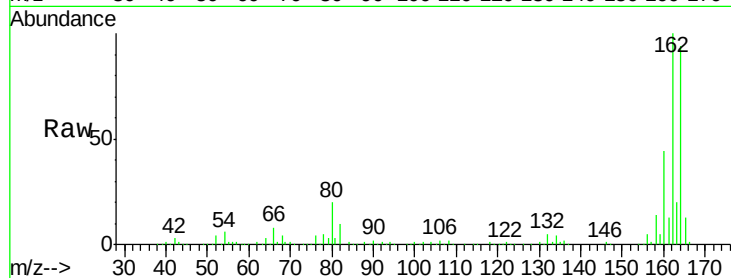




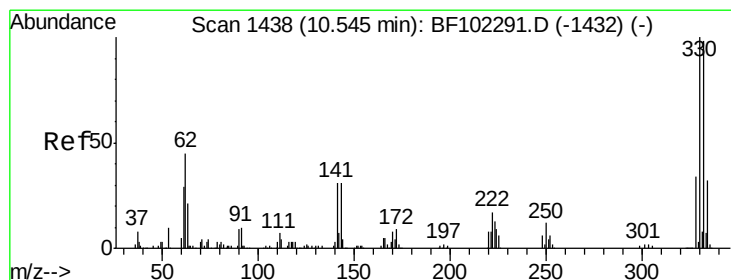
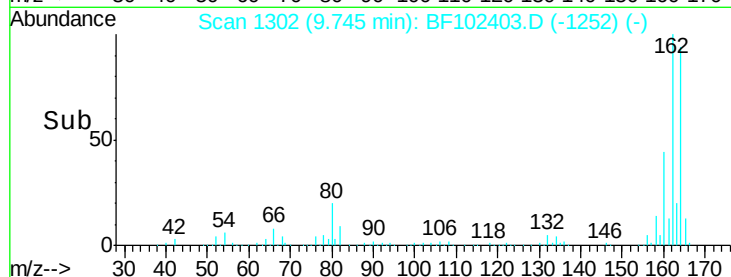
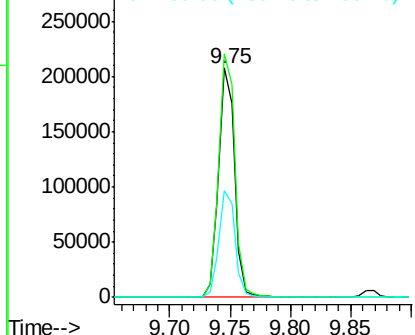
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-2

Tgt Ion:164 Resp: 188726
 Ion Ratio Lower Upper
 164 100
 162 106.2 86.1 129.1
 160 46.5 38.3 57.5

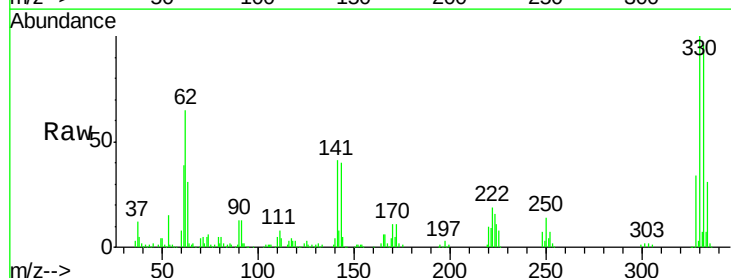


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

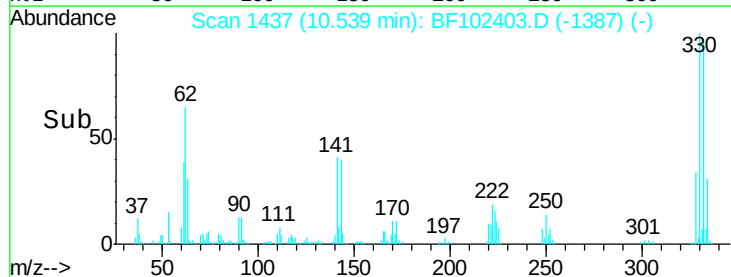
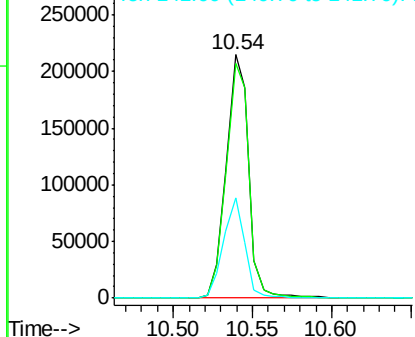


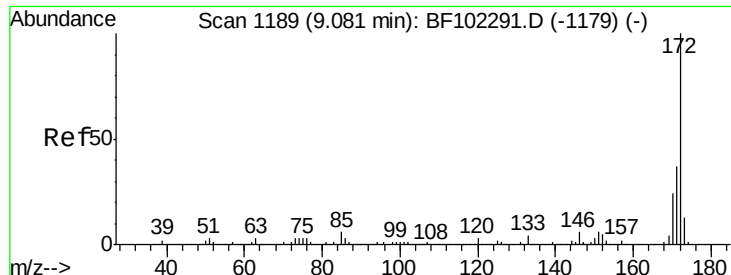
#41
 2,4,6-Tribromophenol
 Concen: 113.415 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

Tgt Ion:330 Resp: 212086
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 39.6 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

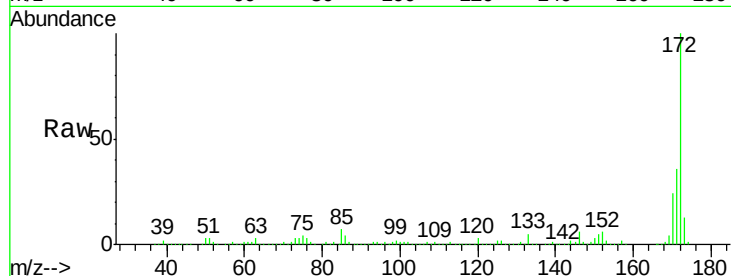




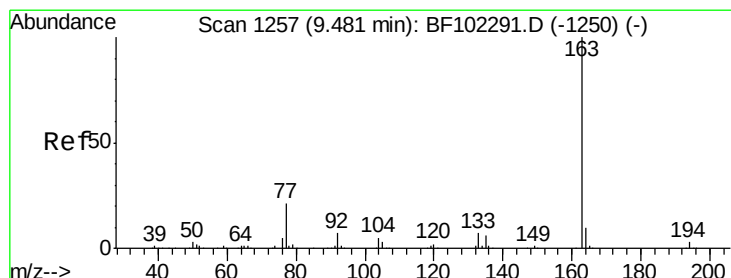
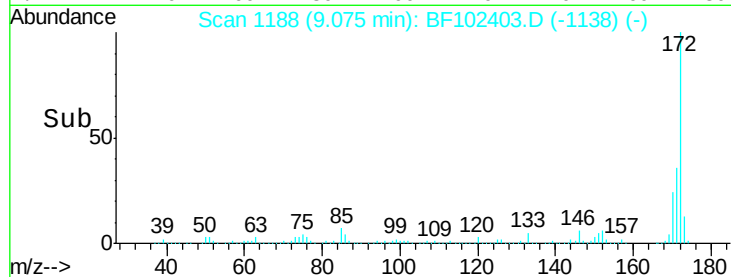
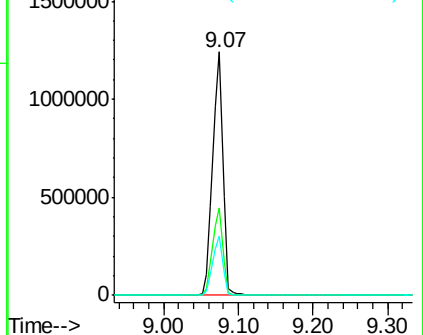
#44
2-Fluorobiphenyl
Concen: 93.175 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Instrument :
BNA_F
ClientSampleId :
OWS-2

Tgt Ion:172 Resp: 1195945
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 24.2 19.6 29.4

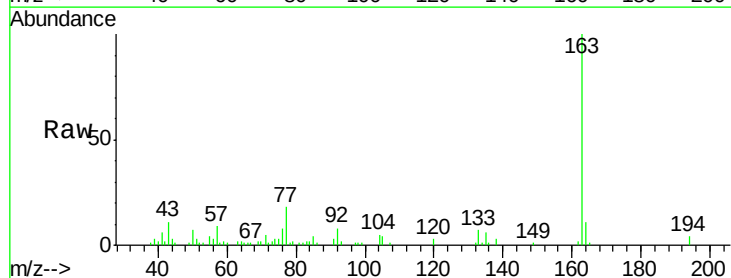


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

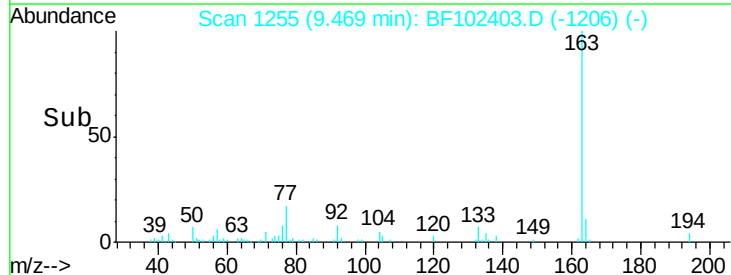
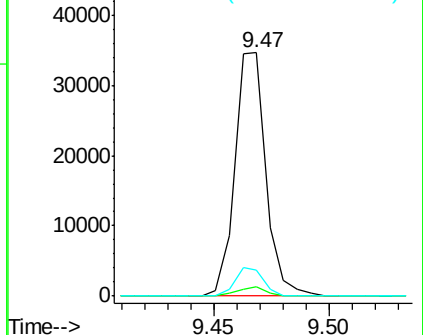


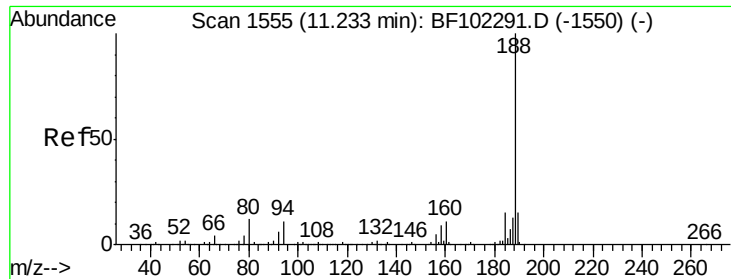
#49
Dimethylphthalate
Concen: 2.080 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:163 Resp: 32446
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.6 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

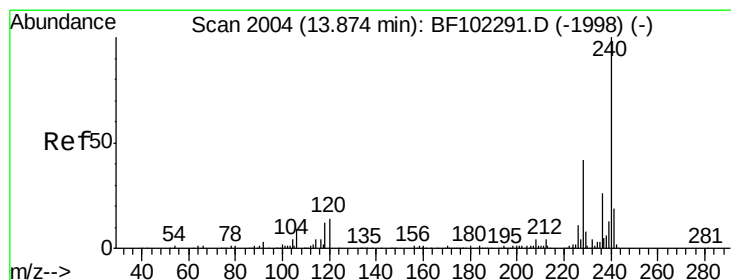
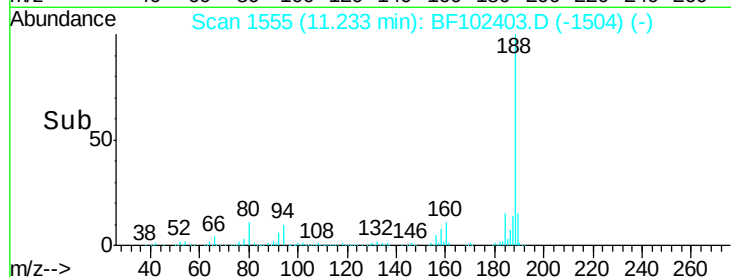
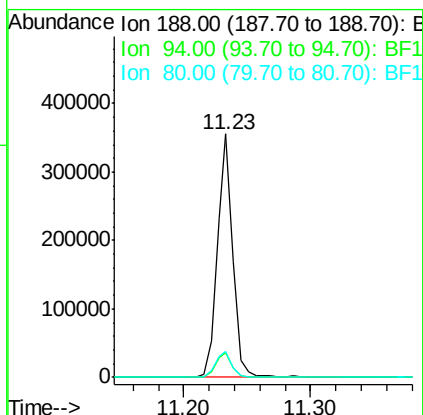
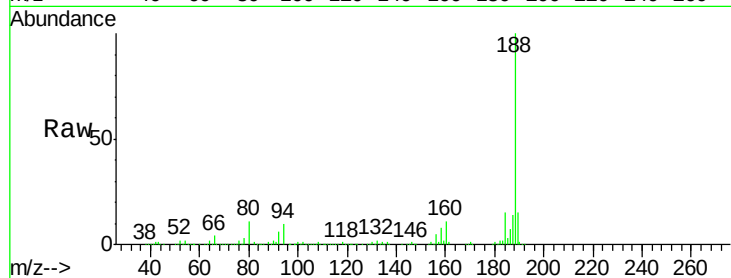




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

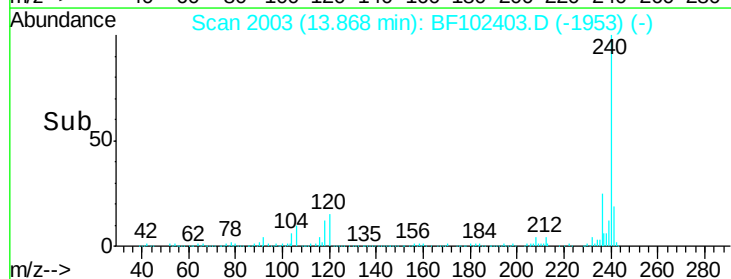
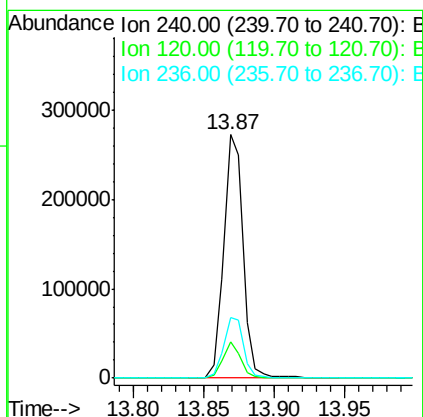
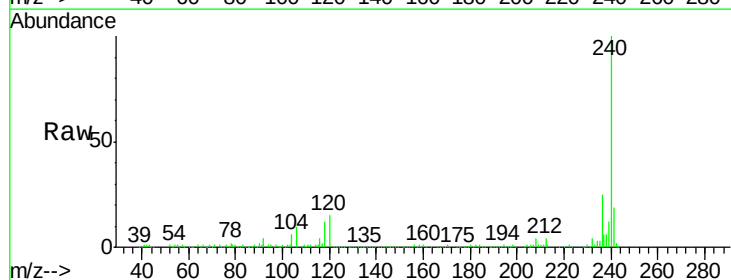
Instrument :
BNA_F
ClientSampleId :
OWS-2

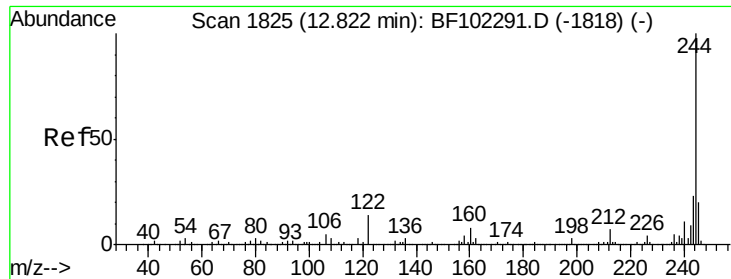
Tgt Ion:188 Resp: 304505
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102403.D
Acq: 24 Jan 2018 21:27

Tgt Ion:240 Resp: 260815
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 24.9 20.7 31.1

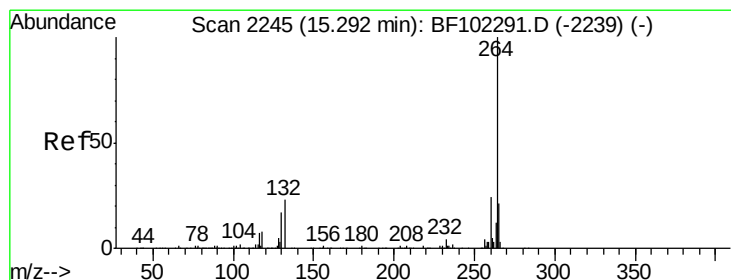
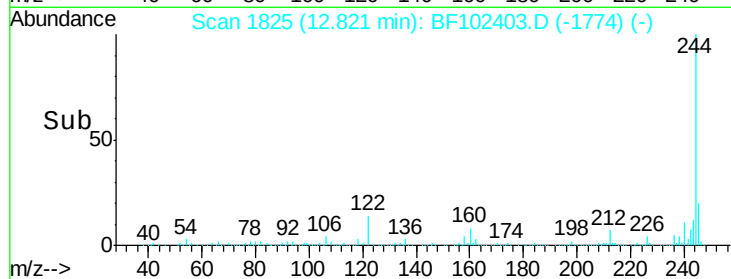
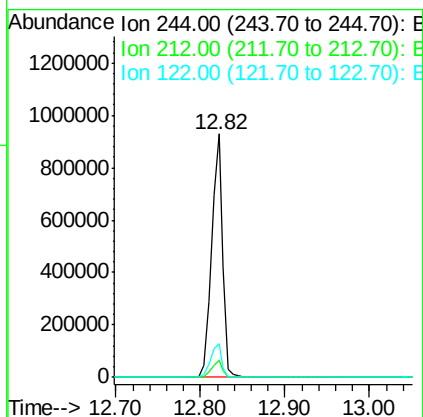
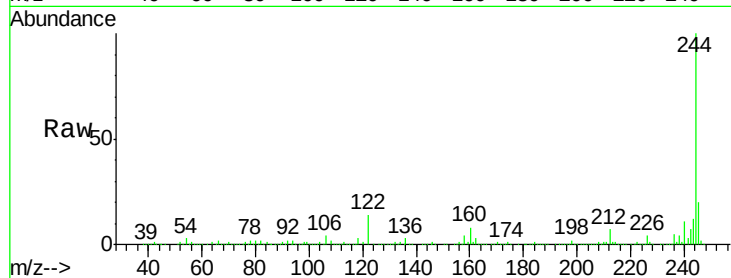




#78
 Terphenyl-d14
 Concen: 75.005 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102403.D
 Acq: 24 Jan 2018 21:27

Instrument :
 BNA_F
 ClientSampleId :
 OWS-2

Tgt Ion: 244 Resp: 867761
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF102403.D
 Acq: 24 Jan 2018 21:27

Tgt Ion: 264 Resp: 249708
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.2 28.8
 265 22.0 17.5 26.3

