

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102584.D
 Acq On : 29 Jan 2018 5:57
 Operator : SJ/JU
 Sample : J1009-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

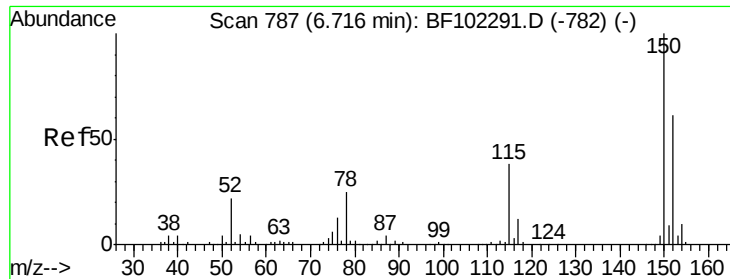
Instrument :
 BNA_F
 ClientSampleId :
 AU-06-012518-A

Quant Time: Jan 29 06:30:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	171549	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	679577	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	267491	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	382740	20.00	ng	0.00
75) Chrysene-d12	13.87	240	319824	20.00	ng	0.00
86) Perylene-d12	15.30	264	230204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1259899	111.36	ng	0.02
7) Phenol-d6	6.37	99	1412977	103.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	987960	83.54	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	248432	93.73	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1654267	90.93	ng	0.00
78) Terphenyl-d14	12.82	244	1124532	79.27	ng	0.00

Target Compounds Qvalue

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

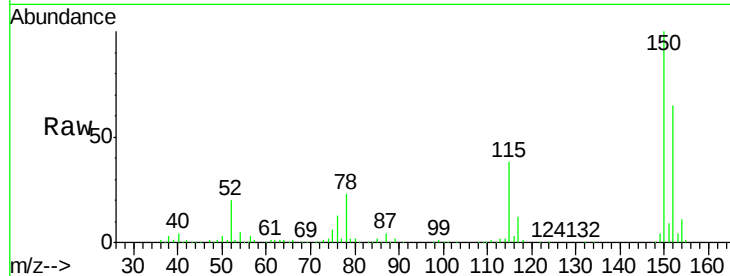


#1

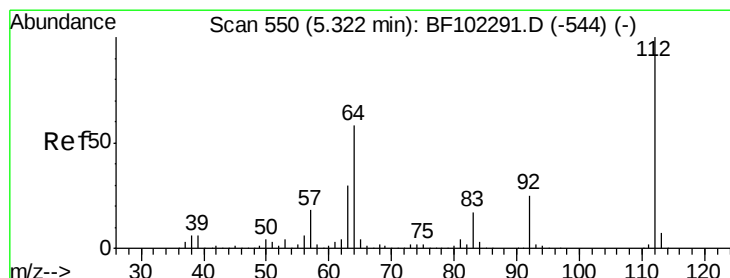
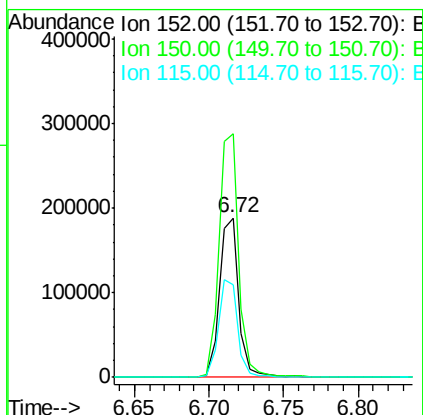
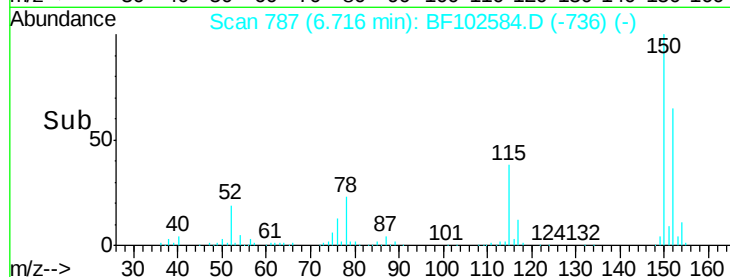
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	58.1	50.1	75.1



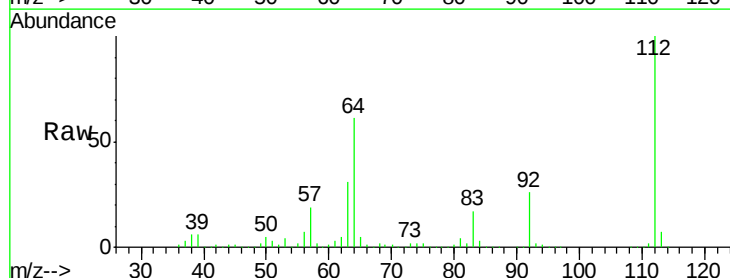
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



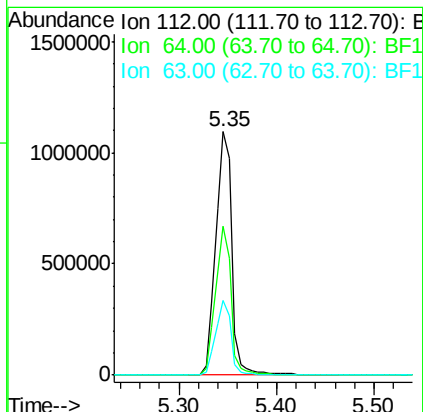
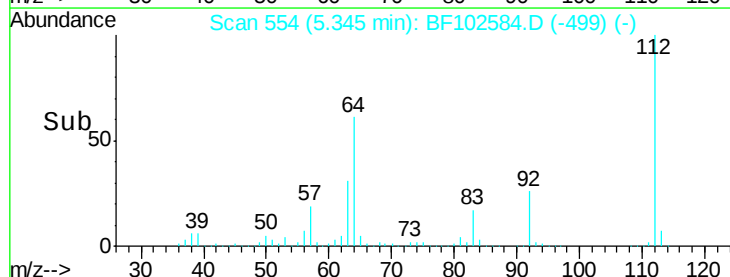
#5

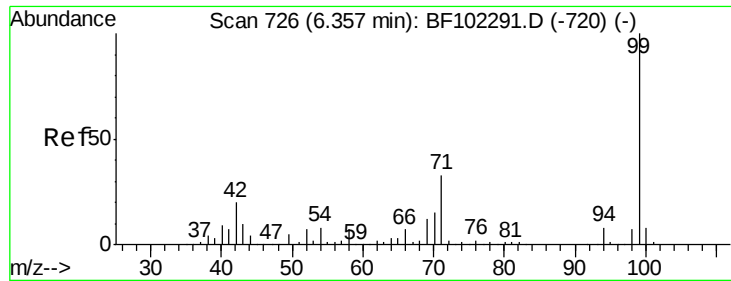
2-Fluorophenol
 Concen: 111.358 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.02 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	47.9	71.9
63	30.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.591 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Instrument :

BNA_F

ClientSampleId :

AU-06-012518-A

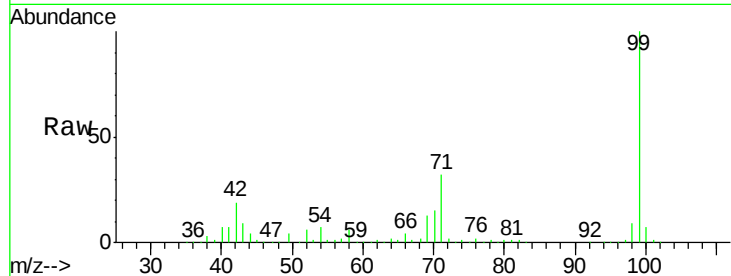
Tot Ion: 99 Resp: 1412977

Ion Ratio Lower Upper

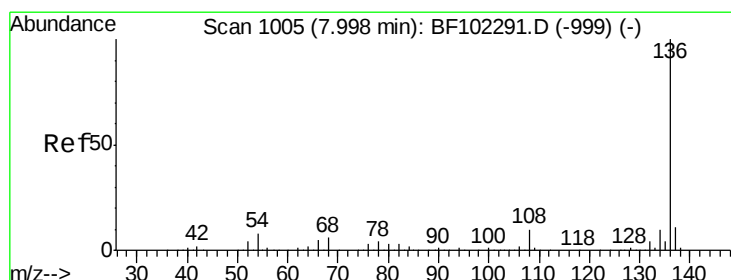
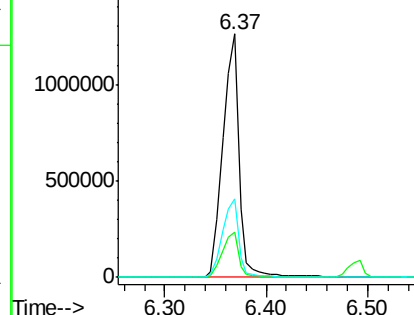
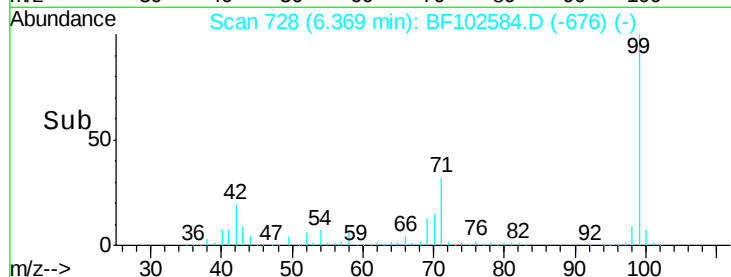
99 100

42 18.6 14.5 21.7

71 32.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Tgt Ion: 136 Resp: 679577

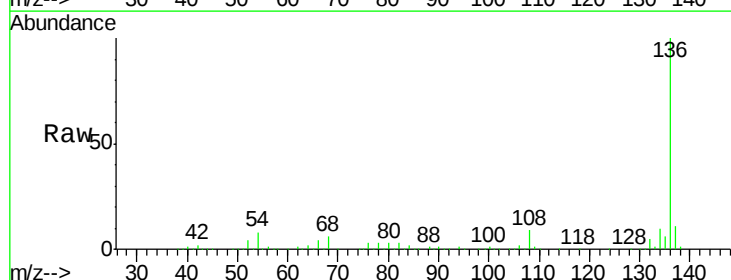
Ion Ratio Lower Upper

136 100

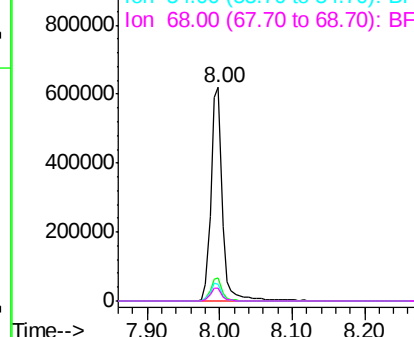
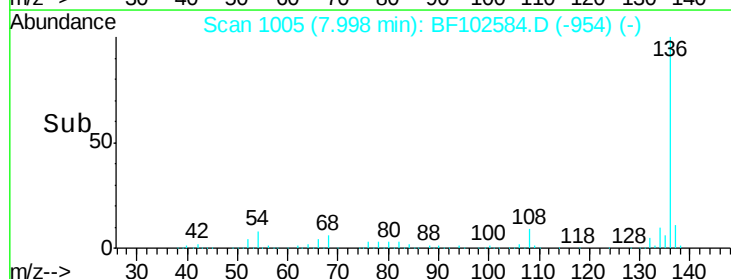
137 11.0 8.9 13.3

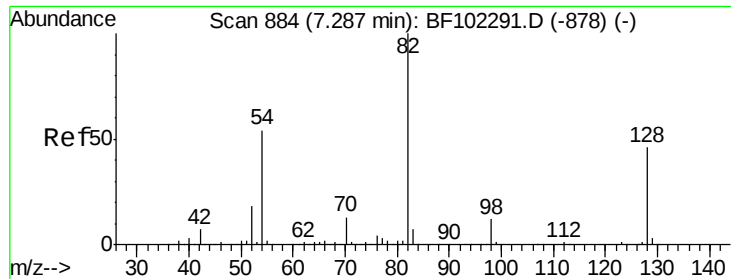
54 7.8 6.6 9.8

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: 83.545 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

Instrument :

BNA_F

ClientSampleId :

AU-06-012518-A

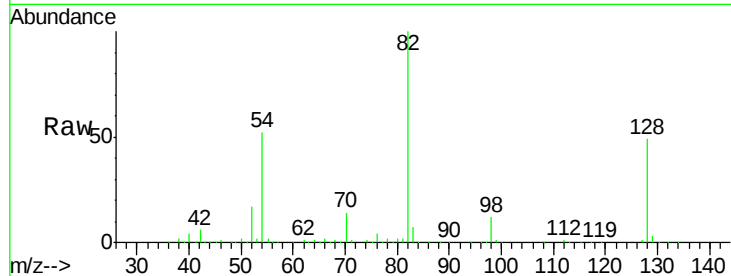
Tot Ion: 82 Resp: 987960

Ion Ratio Lower Upper

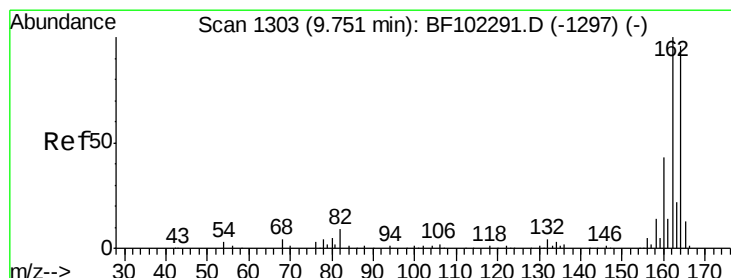
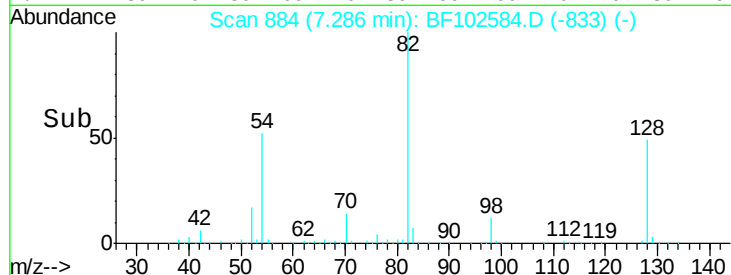
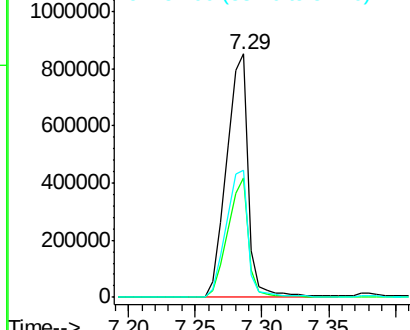
82 100

128 48.9 36.1 54.1

54 52.2 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102584.D

Acq: 29 Jan 2018 5:57

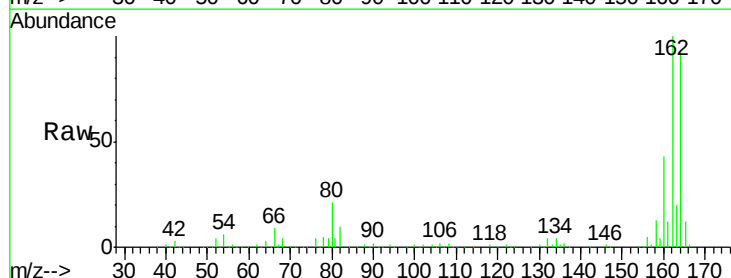
Tgt Ion:164 Resp: 267491

Ion Ratio Lower Upper

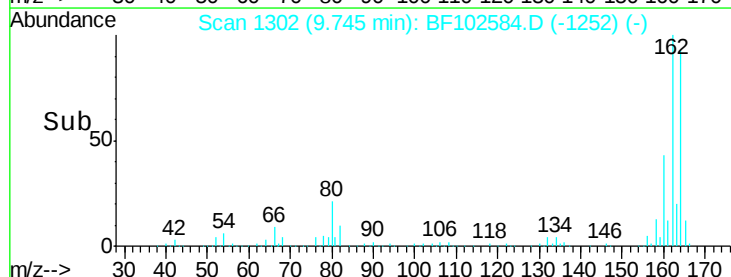
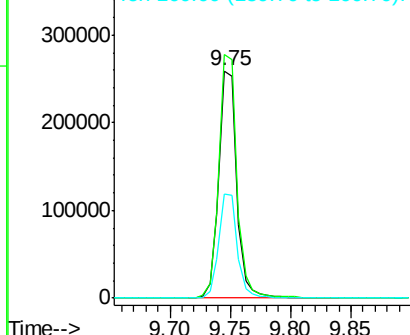
164 100

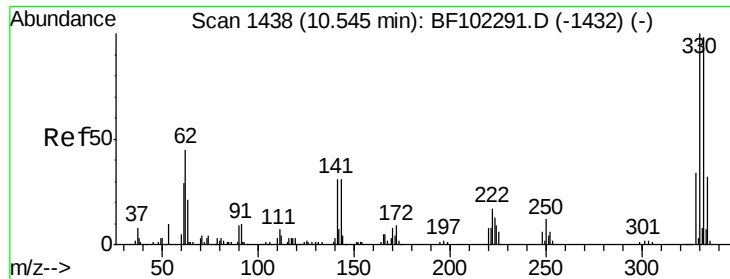
162 107.1 86.1 129.1

160 45.8 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

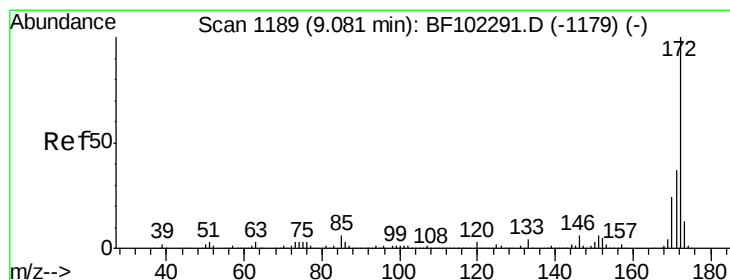
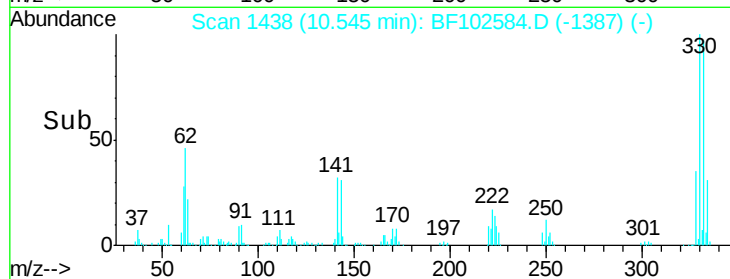
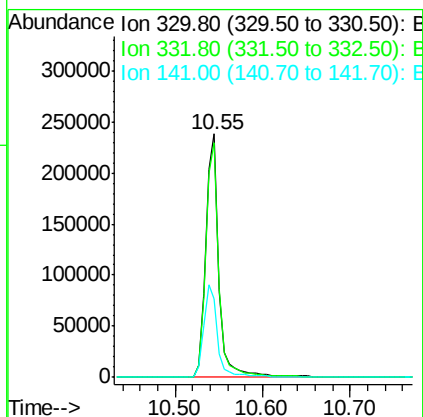
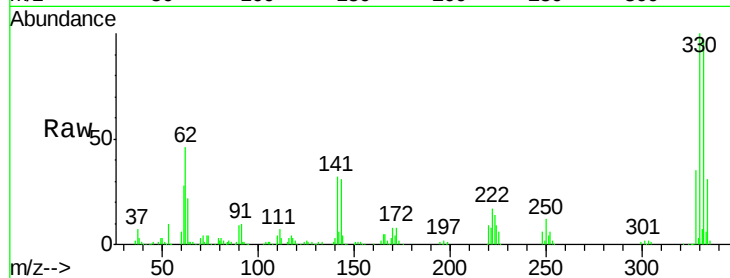




#41
 2,4,6-Tribromophenol
 Concen: 93.732 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

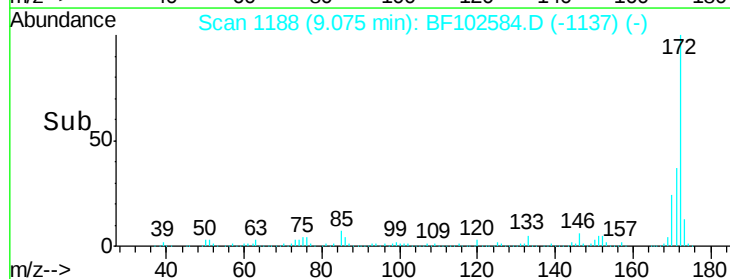
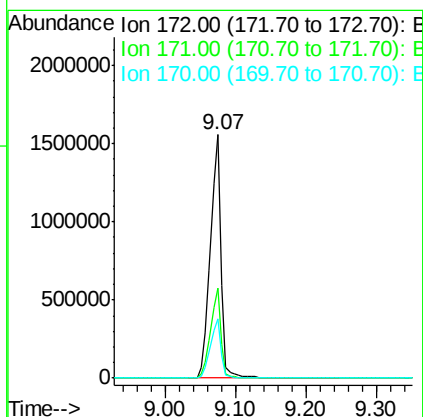
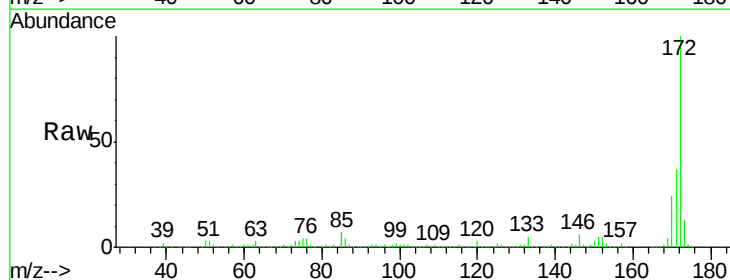
Instrument :
 BNA_F
 ClientSampleId :
 AU-06-012518-A

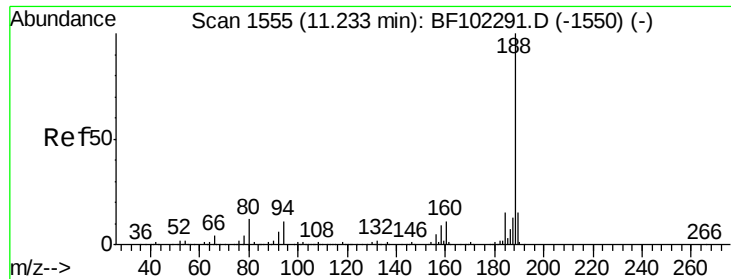
Tot Ion:330 Resp: 248432
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 40.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 90.932 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Tgt Ion:172 Resp: 1654267
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.3 19.6 29.4

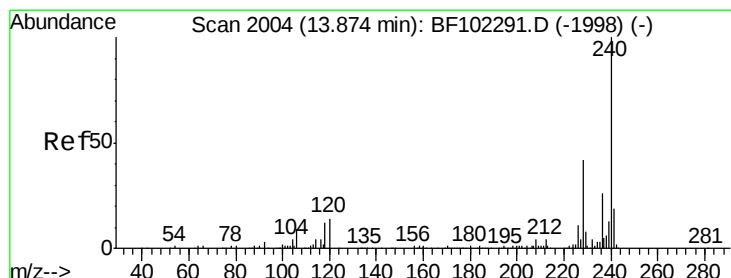
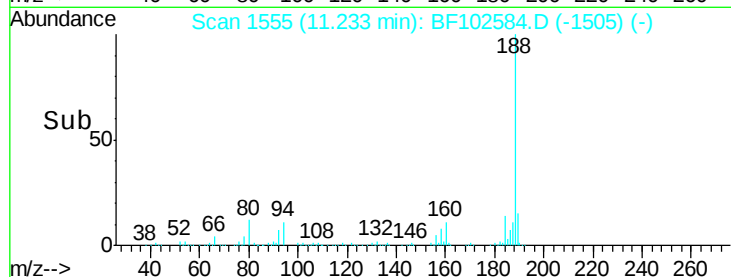
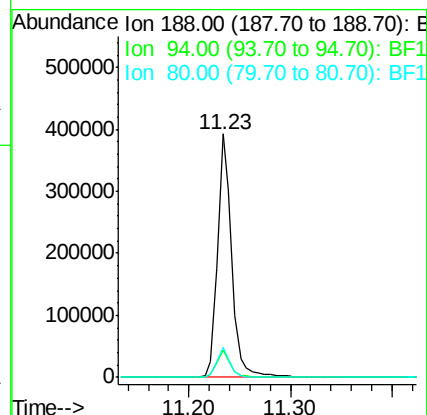
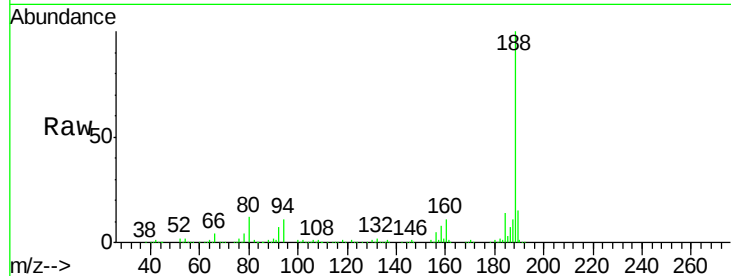




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102584.D
Acq: 29 Jan 2018 5:57

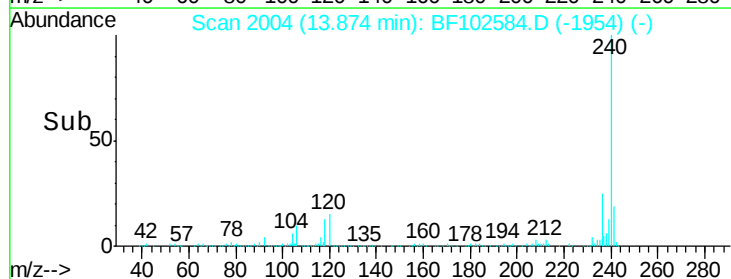
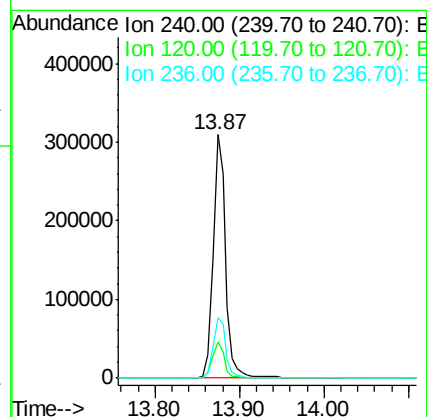
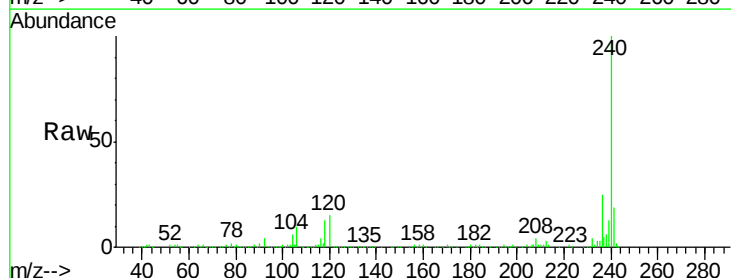
Instrument :
BNA_F
ClientSampleId :
AU-06-012518-A

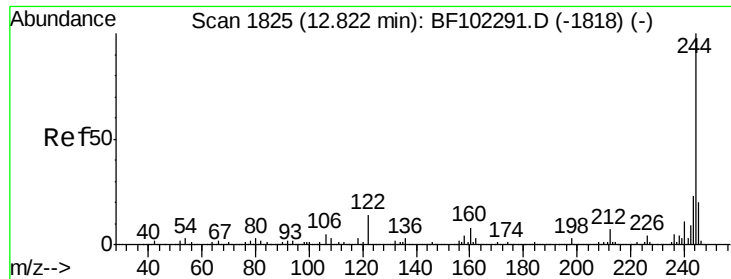
Tot Ion:188 Resp: 382740
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102584.D
Acq: 29 Jan 2018 5:57

Tgt Ion:240 Resp: 319824
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 24.7 20.7 31.1



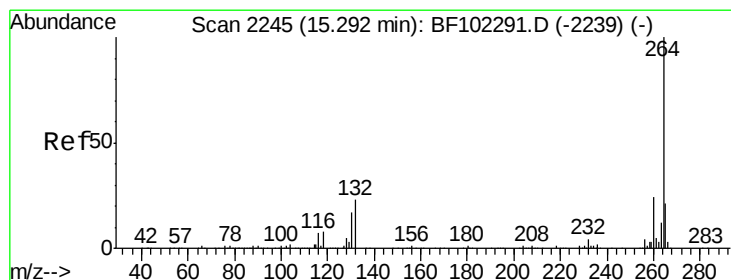
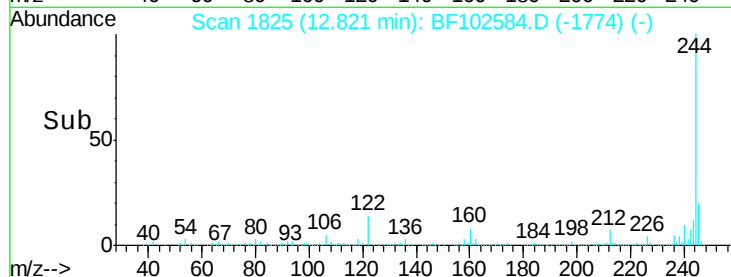
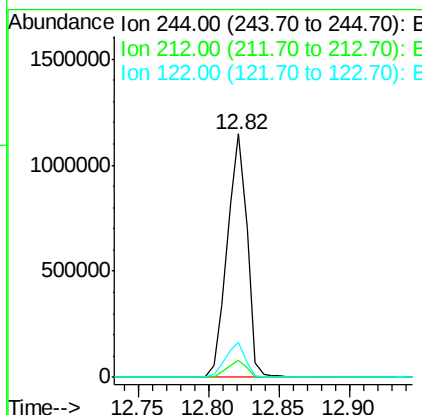
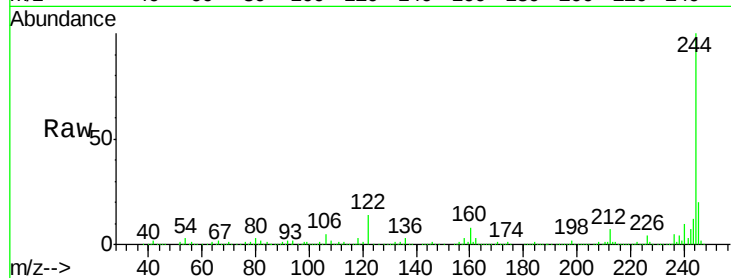


#78
 Terphenyl-d14
 Concen: 79.265 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-012518-A

Tot Ion:244 Resp: 1124532

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.2	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BF102584.D
 Acq: 29 Jan 2018 5:57

Tgt Ion:264 Resp: 230204

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.7	17.5	26.3

