

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012218\
 Data File : BF102332.D
 Acq On : 23 Jan 2018 8:18
 Operator : SJ/JU
 Sample : J1240-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CA-1

Quant Time: Jan 23 14:35:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 22 13:38:42 2018
 Response via : Initial Calibration

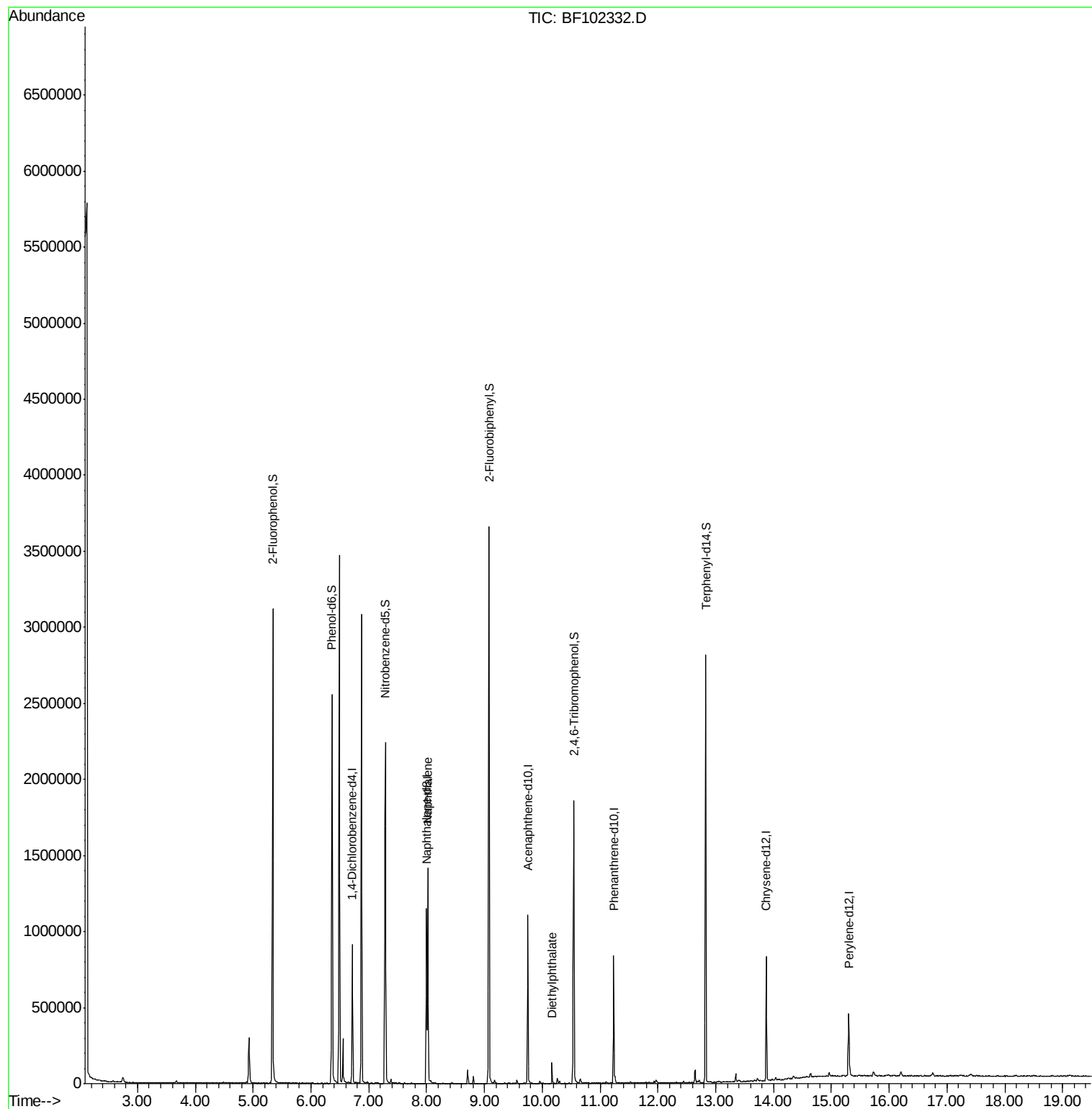
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	126752	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	501569	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	200799	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	299755	20.00	ng	0.00
75) Chrysene-d12	13.87	240	258540	20.00	ng	0.00
86) Perylene-d12	15.30	264	181193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	928468	111.07	ng	0.02
7) Phenol-d6	6.36	99	1010367	100.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	747829	85.68	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	222697	111.93	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1308939	95.85	ng	0.00
78) Terphenyl-d14	12.83	244	993033	86.59	ng	0.00
Target Compounds						
31) Naphthalene	8.02	128	586058	23.402	ng	100
59) Diethylphthalate	10.17	149	44408	2.753	ng	98

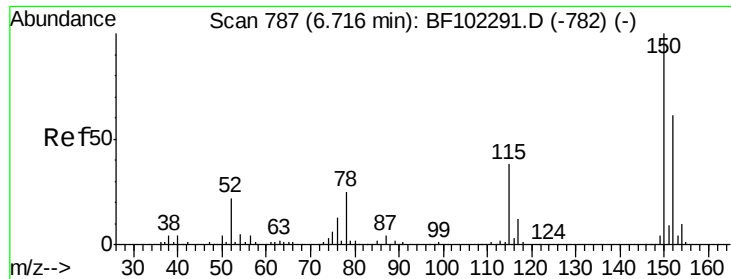
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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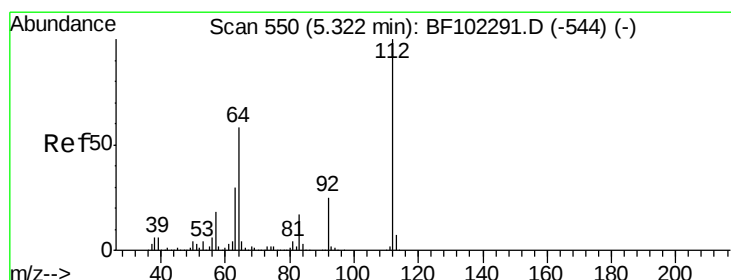
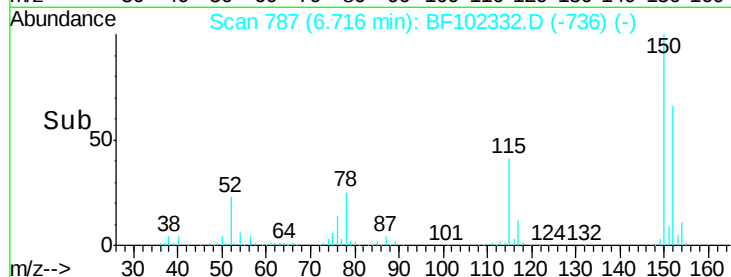
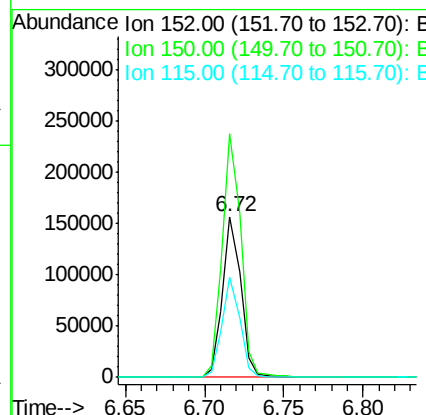
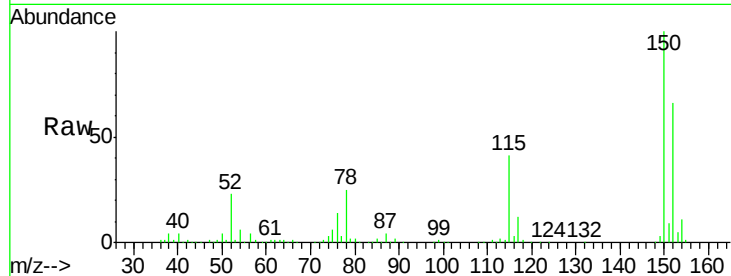




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102332.D
 Acq: 23 Jan 2018 8:18

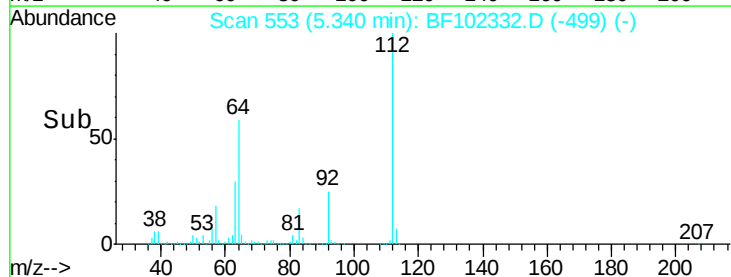
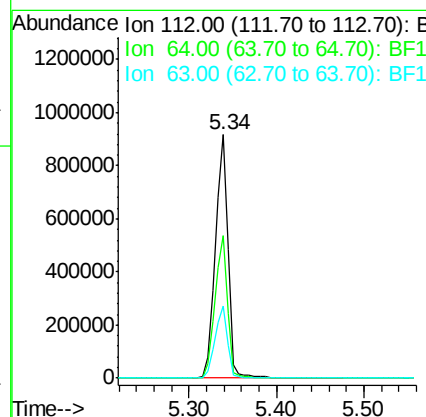
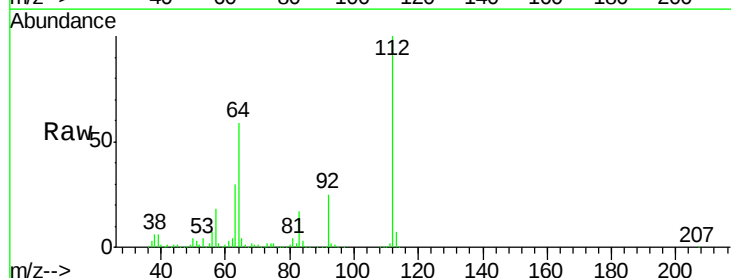
Instrument :
 BNA_F
 ClientSampleId :
 CA-1

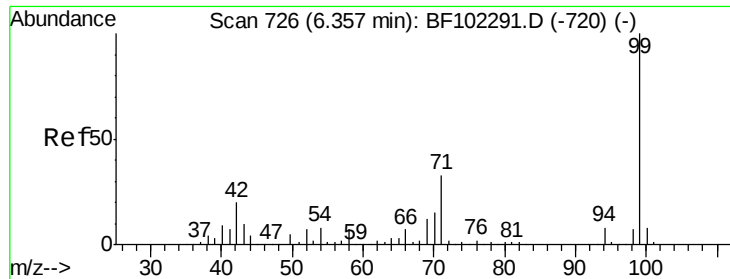
Tot Ion:152 Resp: 126752
 Ion Ratio Lower Upper
 152 100
 150 151.7 124.6 186.8
 115 62.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 111.067 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102332.D
 Acq: 23 Jan 2018 8:18

Tgt Ion:112 Resp: 928468
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.9 71.9
 63 29.7 23.7 35.5





#7

Phenol-d6

Concen: 100.253 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102332.D

Acq: 23 Jan 2018 8:18

Instrument :

BNA_F

ClientSampleId :

CA-1

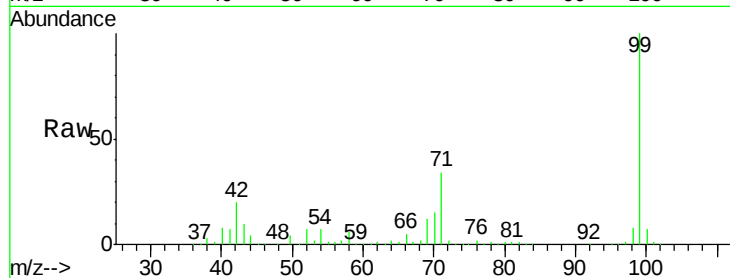
Tot Ion: 99 Resp: 1010367

Ion Ratio Lower Upper

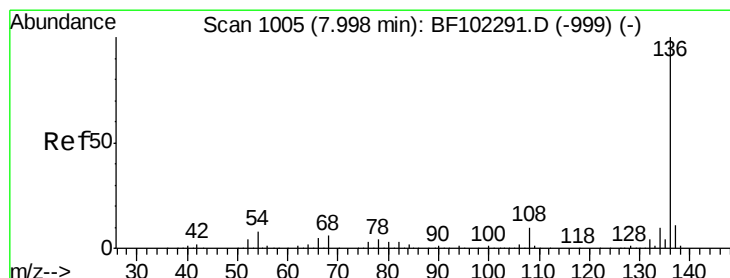
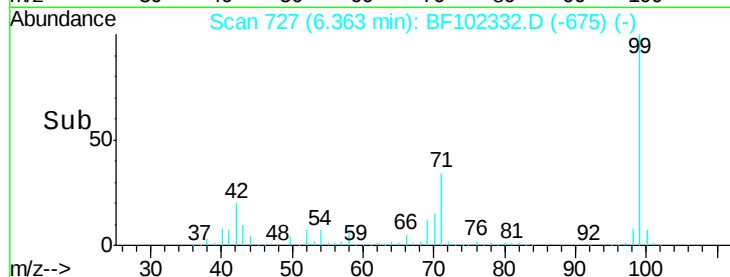
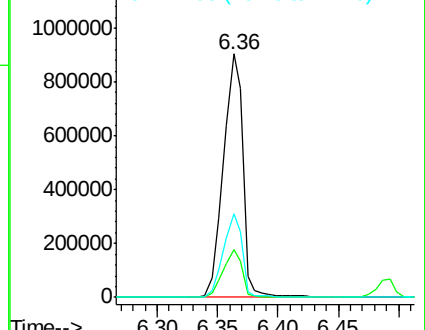
99 100

42 19.6 14.5 21.7

71 34.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102332.D

Acq: 23 Jan 2018 8:18

Tgt Ion: 136 Resp: 501569

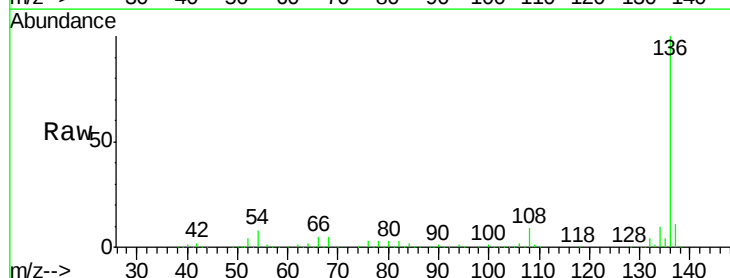
Ion Ratio Lower Upper

136 100

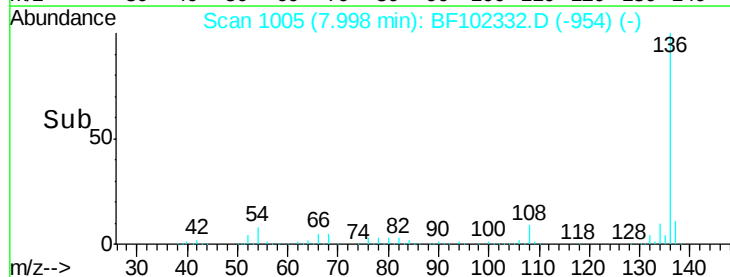
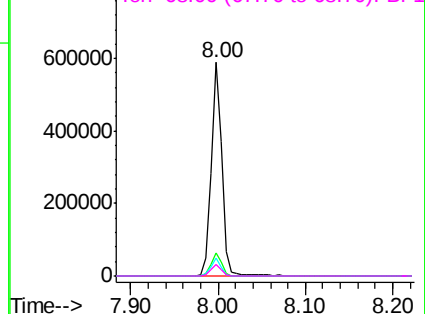
137 10.8 8.9 13.3

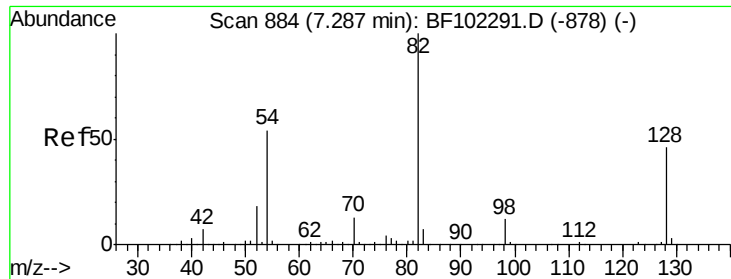
54 8.2 6.6 9.8

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

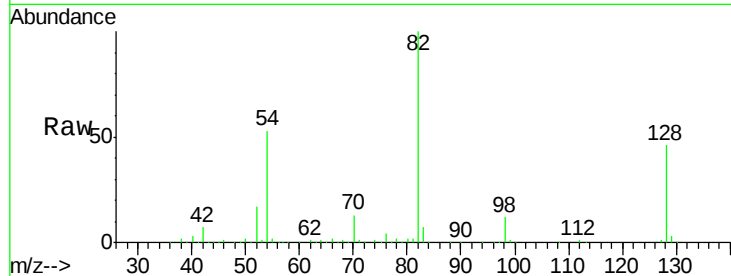




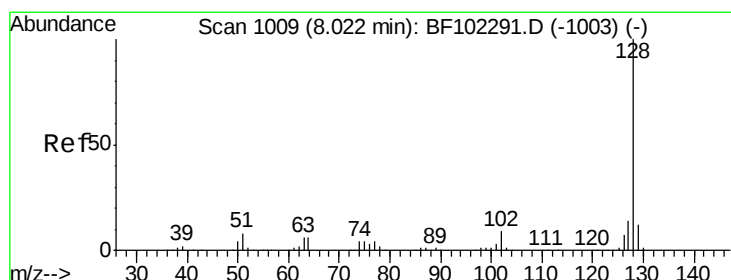
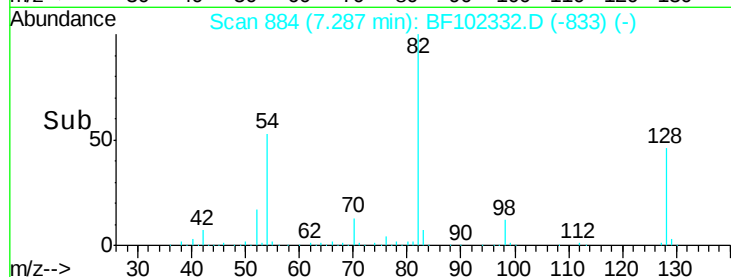
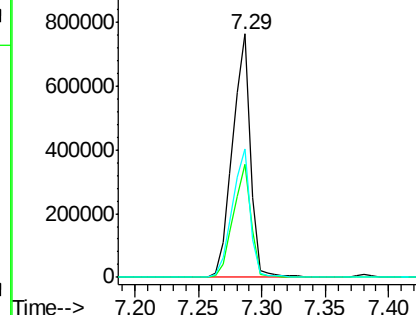
#23
Nitrobenzene-d5
Concen: 85.682 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102332.D
Acq: 23 Jan 2018 8:18

Instrument :
BNA_F
ClientSampleId :
CA-1

Tot Ion: 82 Resp: 747829
Ion Ratio Lower Upper
82 100
128 46.2 36.1 54.1
54 52.8 41.4 62.2

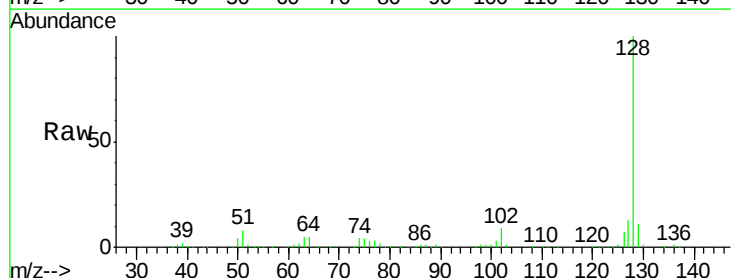


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

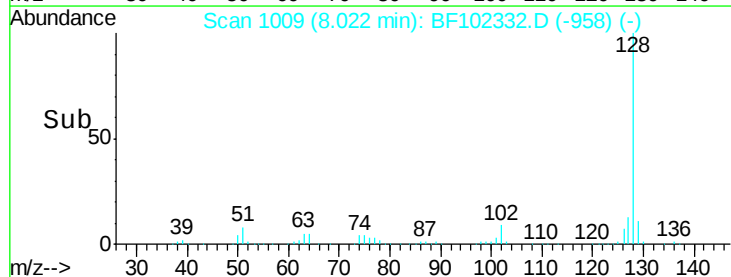
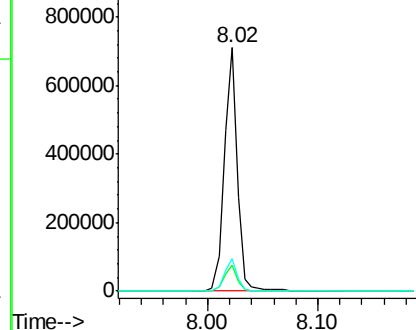


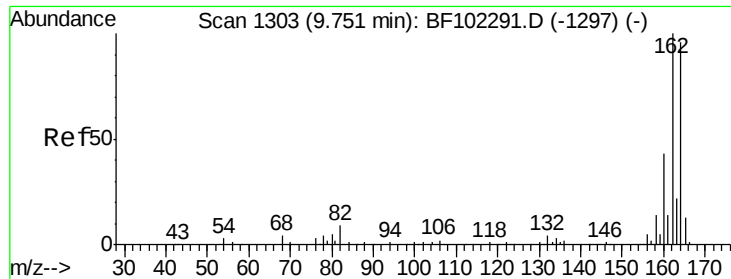
#31
Naphthalene
Concen: 23.402 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102332.D
Acq: 23 Jan 2018 8:18

Tgt Ion: 128 Resp: 586058
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.5 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# 1303

Delta R.T. -0.00 min

Lab File: BF102332.D

Acq: 23 Jan 2018 8:18

Instrument :

BNA_F

ClientSampleId :

CA-1

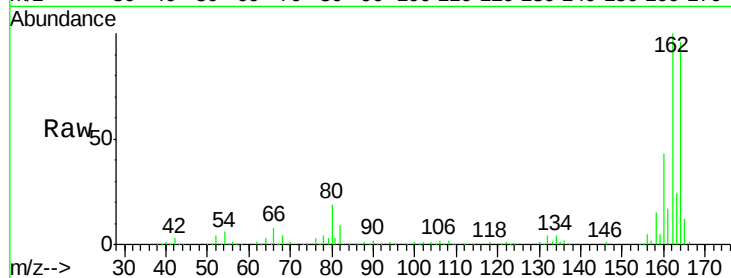
Tot Ion:164 Resp: 200799

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

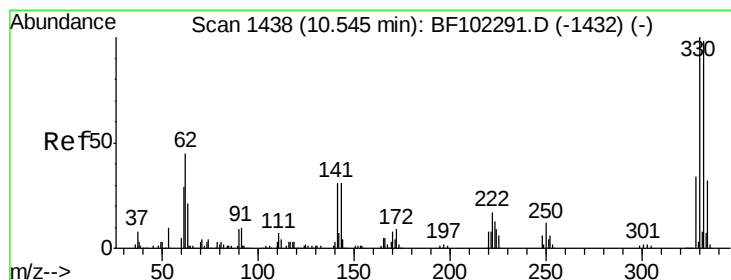
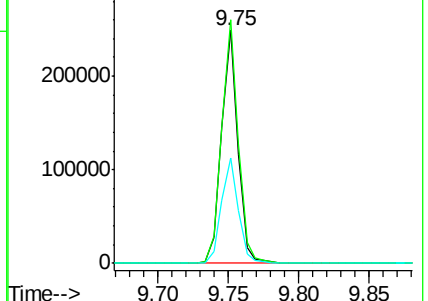
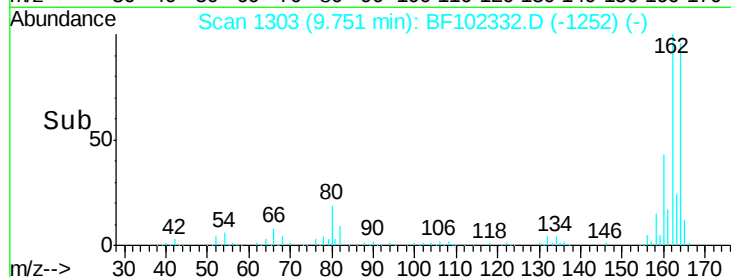
160 45.5 38.3 57.5



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: 111.929 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102332.D

Acq: 23 Jan 2018 8:18

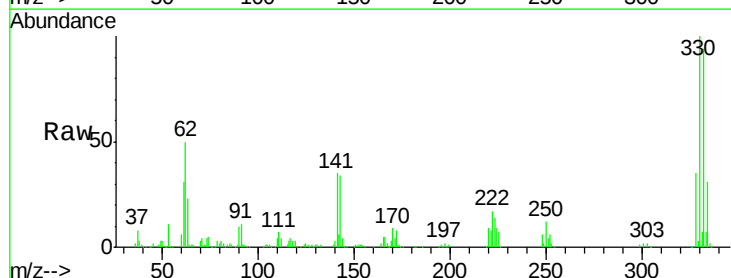
Tgt Ion:330 Resp: 222697

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

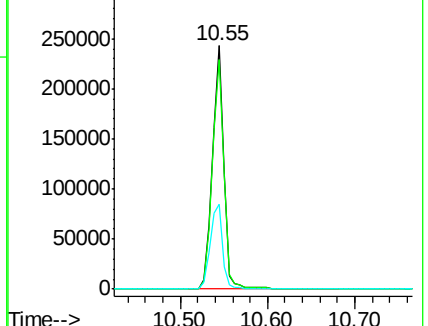
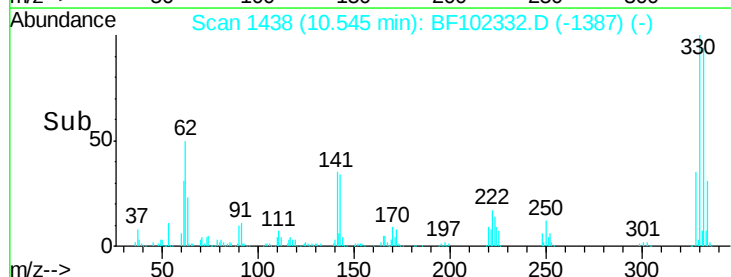
141 37.7 29.9 44.9

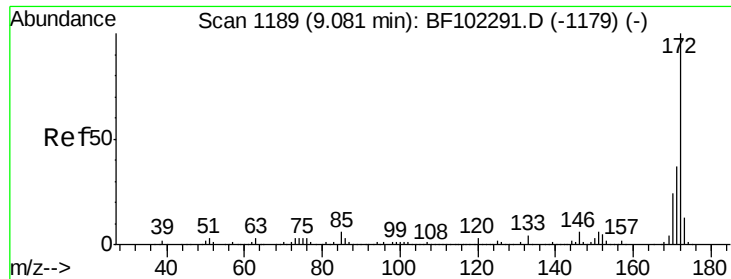


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

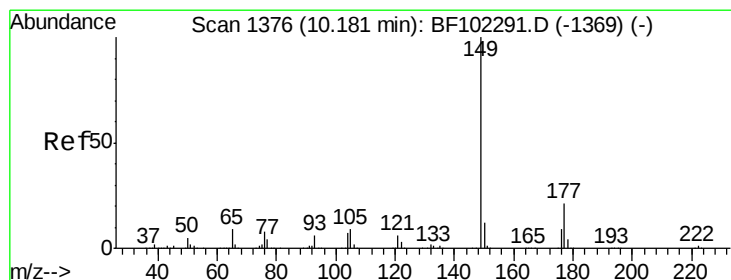
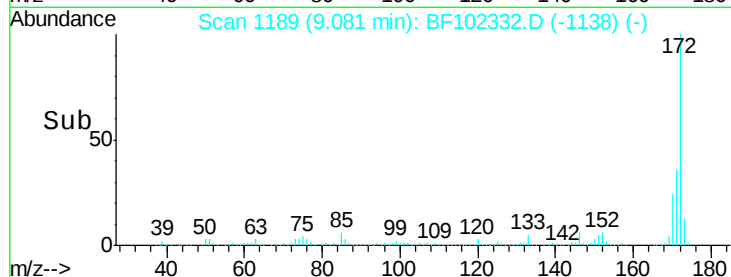
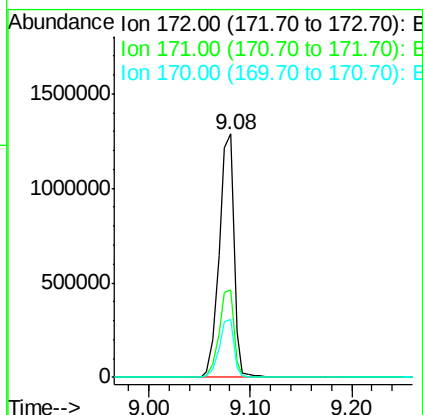
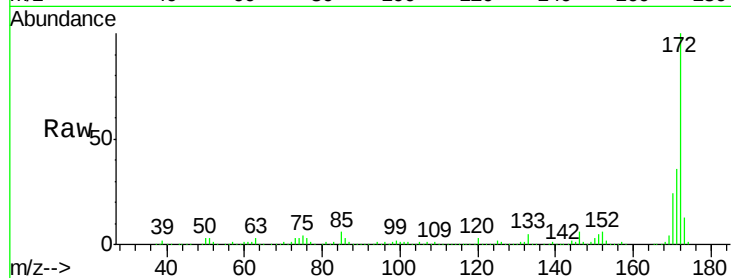




#44
2-Fluorobiphenyl
Concen: 95.847 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF102332.D
Acq: 23 Jan 2018 8:18

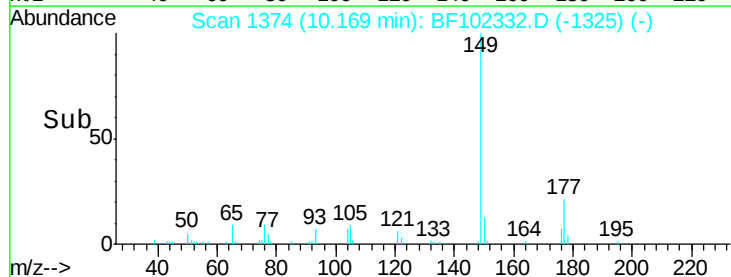
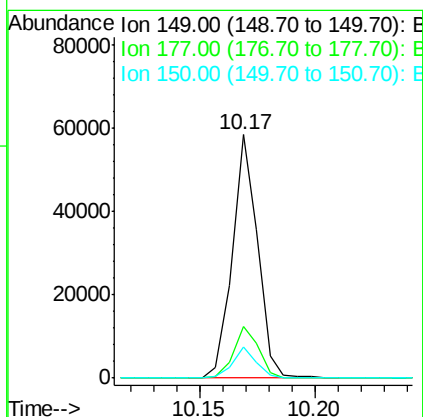
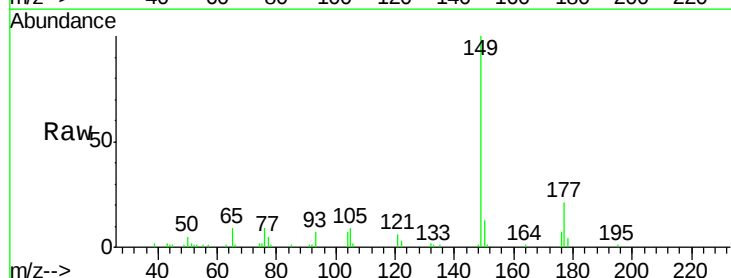
Instrument :
BNA_F
ClientSampleId :
CA-1

Tot Ion:172 Resp: 1308939
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4



#59
Diethylphthalate
Concen: 2.753 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF102332.D
Acq: 23 Jan 2018 8:18

Tgt Ion:149 Resp: 44408
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.9 10.1 15.1

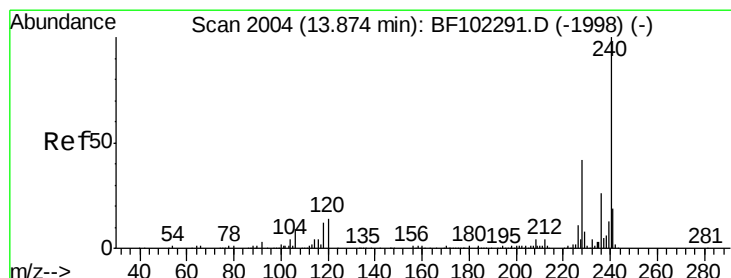
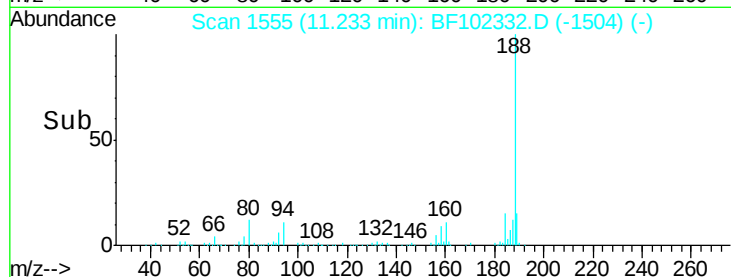
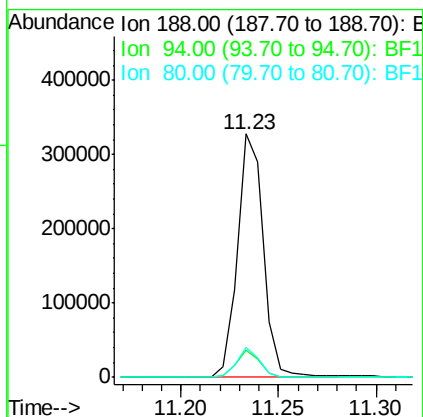
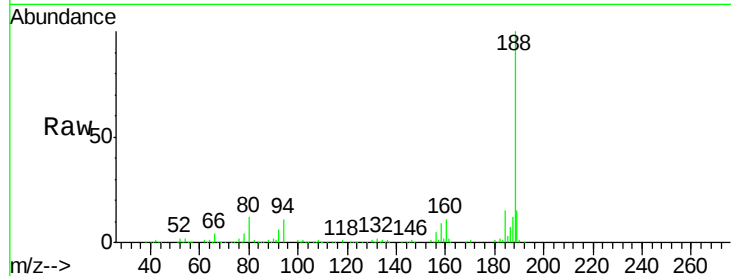




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BF102332.D
Acq: 23 Jan 2018 8:18

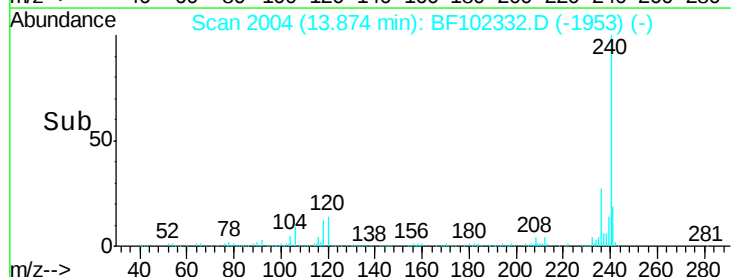
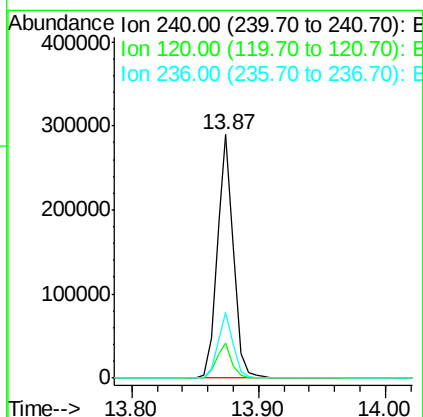
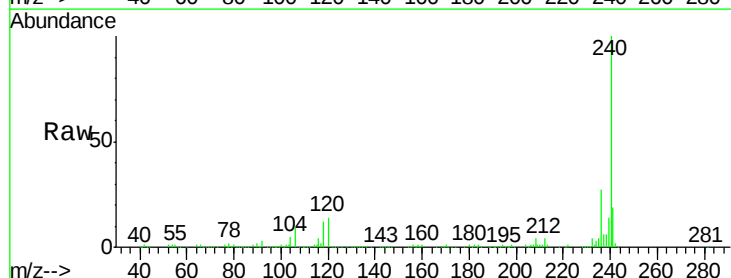
Instrument :
BNA_F
ClientSampleId :
CA-1

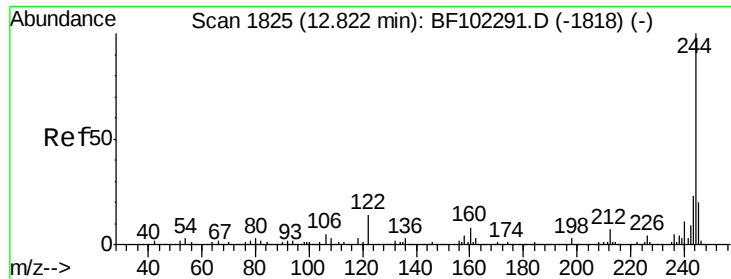
Tot Ion:188 Resp: 299755
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BF102332.D
Acq: 23 Jan 2018 8:18

Tgt Ion:240 Resp: 258540
Ion Ratio Lower Upper
240 100
120 14.2 9.5 14.3
236 27.0 20.7 31.1

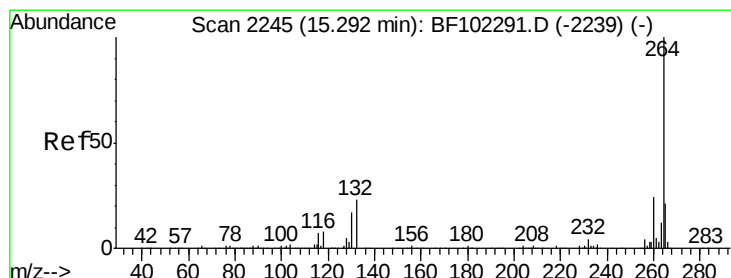
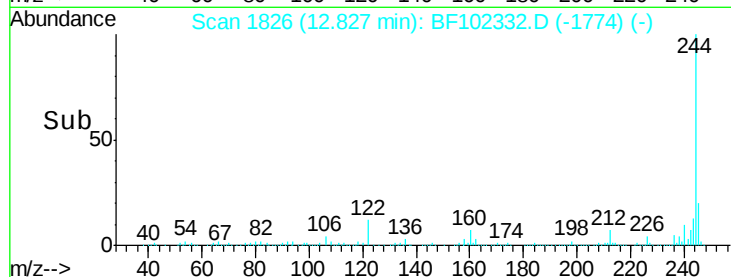
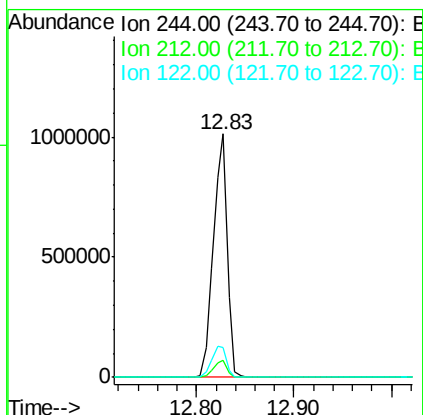
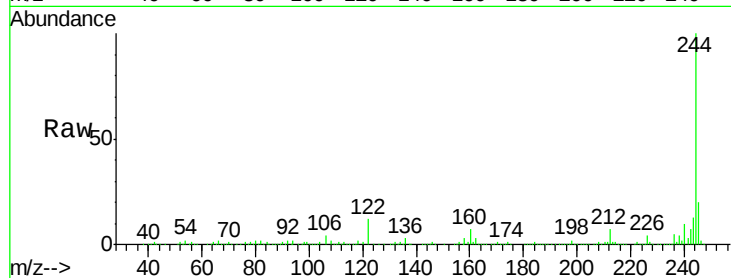




#78
 Terphenyl-d14
 Concen: 86.588 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.01 min
 Lab File: BF102332.D
 Acq: 23 Jan 2018 8:18

Instrument :
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 ClientSampleID :
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Tot Ion:244 Resp: 993033
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.4 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: BF102332.D
 Acq: 23 Jan 2018 8:18

Tgt Ion:264 Resp: 181193
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.2 28.8
 265 21.9 17.5 26.3

