

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102830.D
 Acq On : 7 Feb 2018 22:35
 Operator : SJ/JU
 Sample : J1473-37 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:21:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

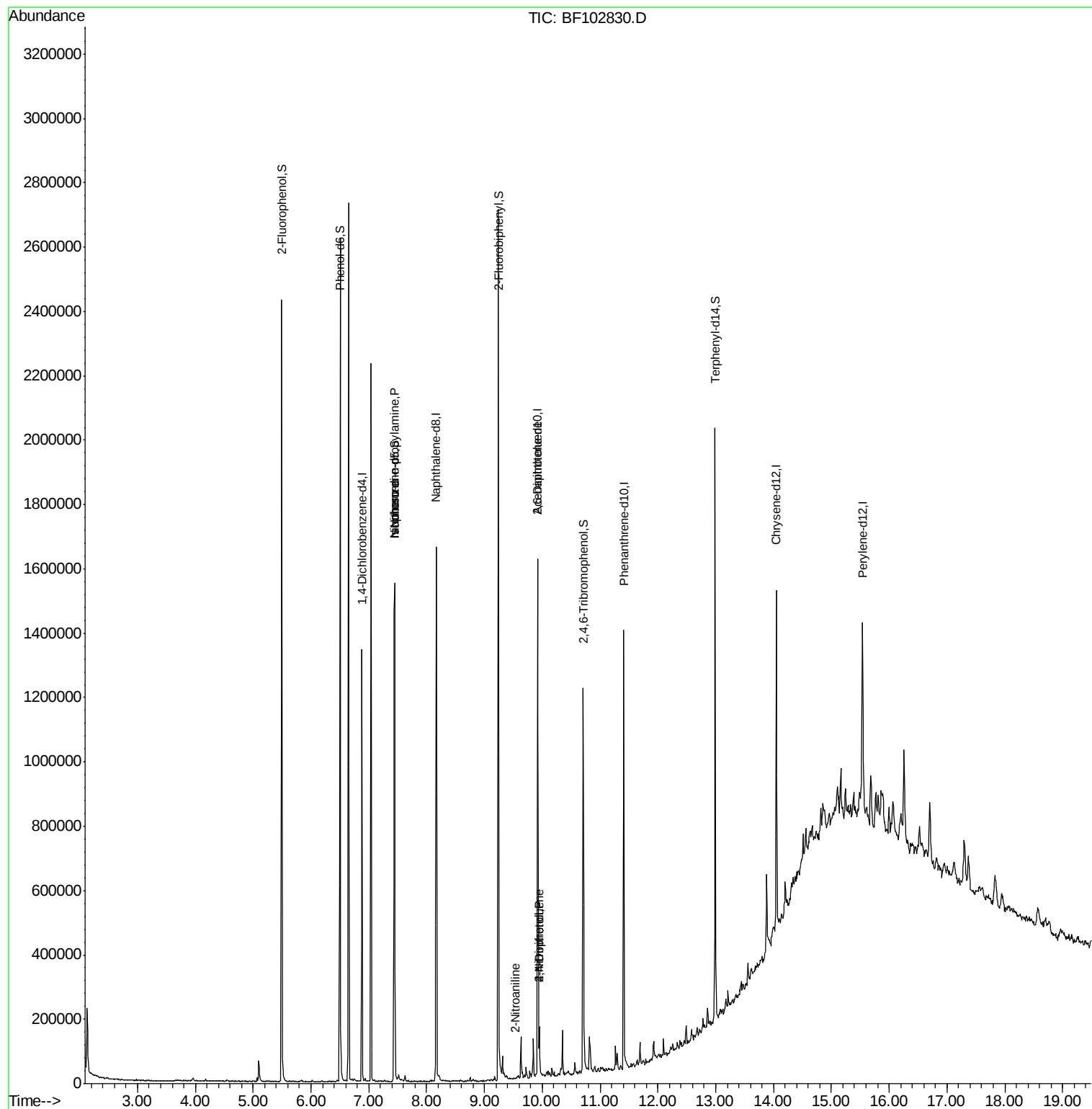
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	192076	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	770441	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	319491	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	468174	20.00	ng	0.00
75) Chrysene-d12	14.05	240	348388	20.00	ng	0.00
86) Perylene-d12	15.54	264	274854	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	681098	53.85	ng	0.00
7) Phenol-d6	6.50	99	794187	52.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	478516	43.09	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	133338	51.85	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	832593	43.24	ng	0.00
78) Terphenyl-d14	12.99	244	584881	39.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	63311	6.31	ng	# 81
25) Isophorone	7.45	82	478508	18.71	ng	# 64
47) 2-Nitroaniline	9.55	65	110	3.49	ng	# 2
50) 2,6-Dinitrotoluene	9.92	165	38383	8.10	ng	# 25
55) 4-Nitrophenol	9.95	139	147	4.05	ng	# 1
56) 2,4-Dinitrotoluene	9.95	165	5418	3.87	ng	# 21

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

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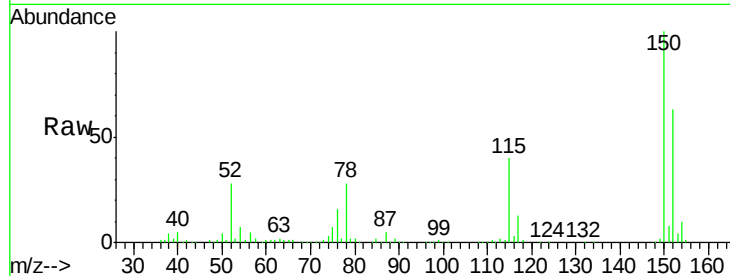


#1

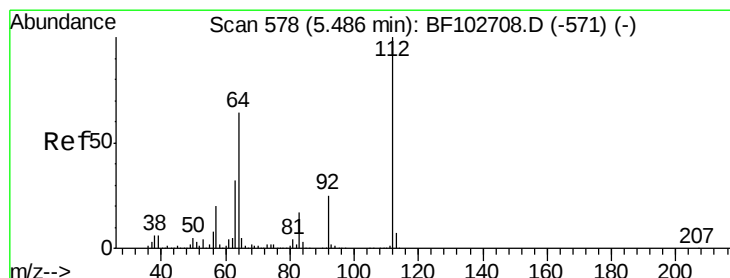
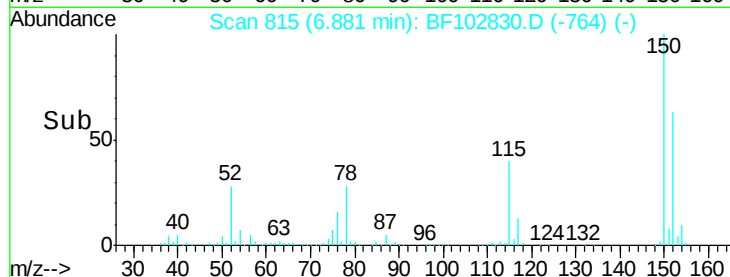
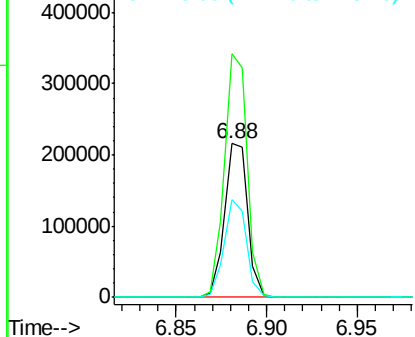
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 192076
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 63.9 50.1 75.1



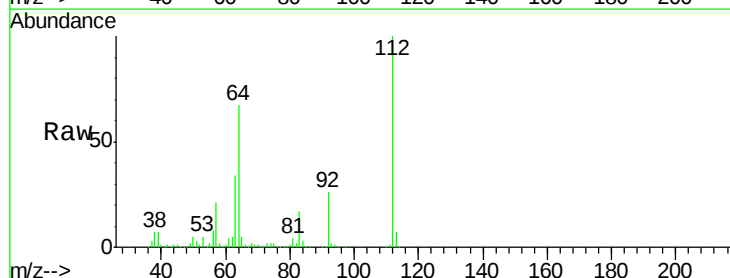
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



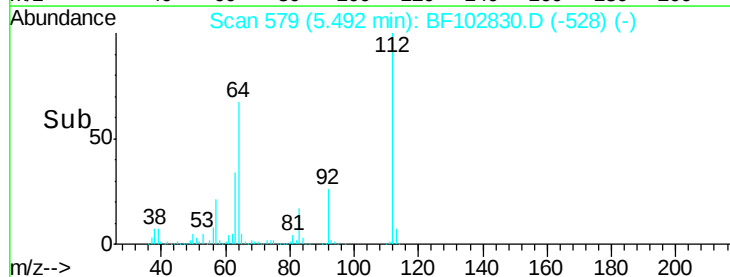
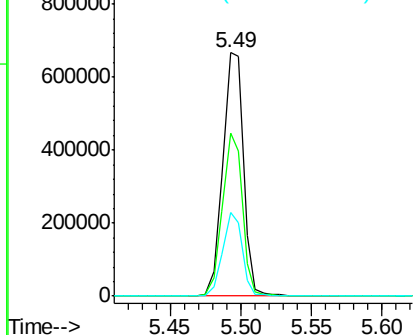
#5

2-Fluorophenol
Concen: 53.85 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Tgt Ion:112 Resp: 681098
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 34.1 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: 52.15 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF102830.D

Acq: 7 Feb 2018 22:35

Instrument :

BNA_F

ClientSampleId :

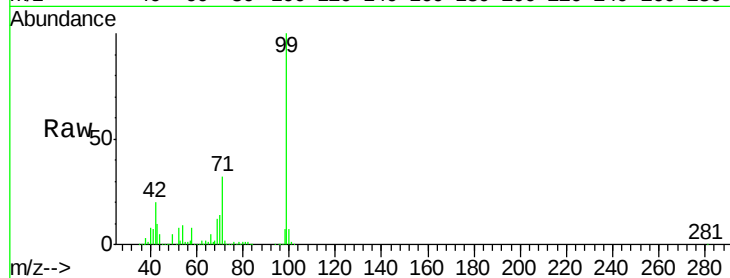
Tot Ion: 99 Resp: 794187

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

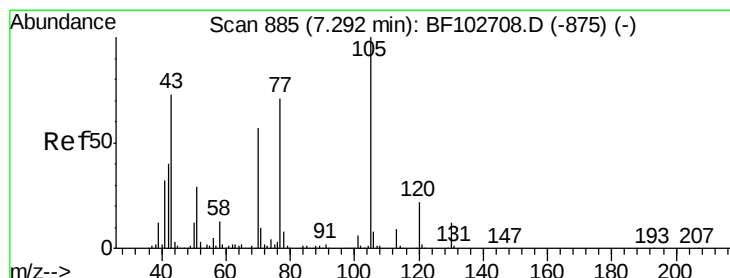
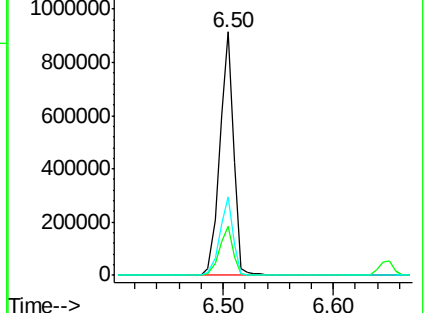
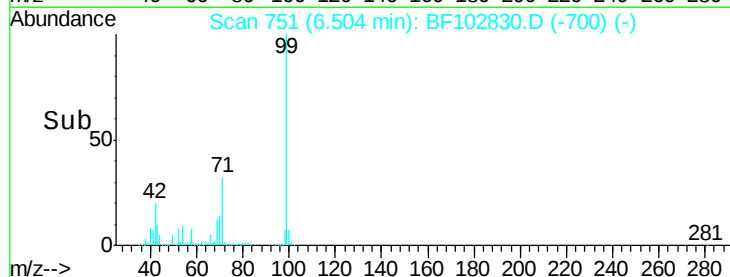
71 32.0 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.31 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102830.D

Acq: 7 Feb 2018 22:35

Tgt Ion: 70 Resp: 63311

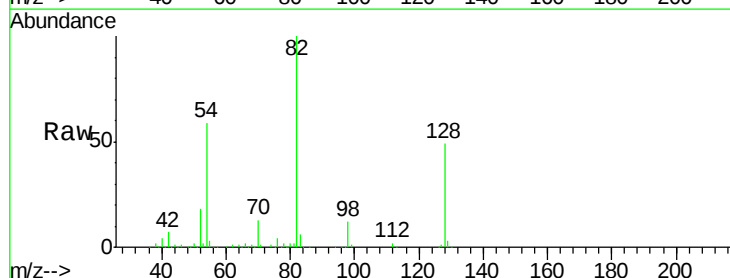
Ion Ratio Lower Upper

70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

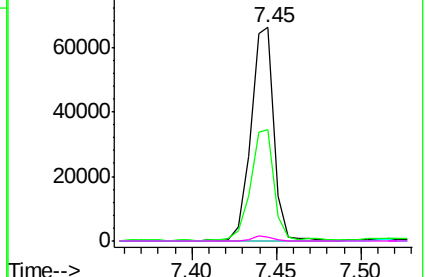
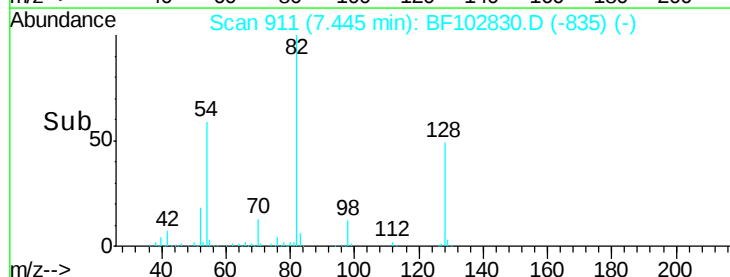


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

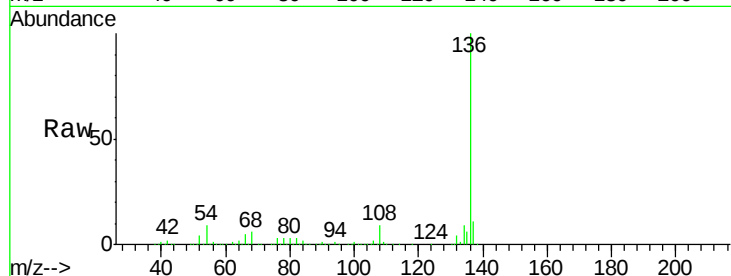




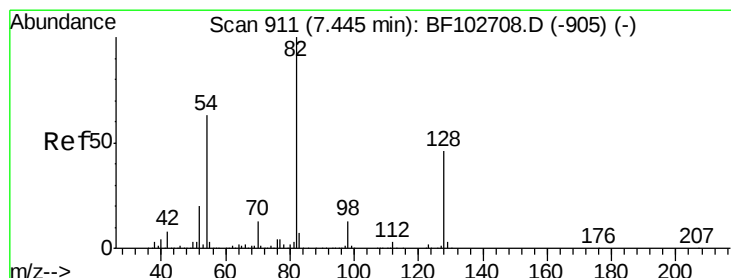
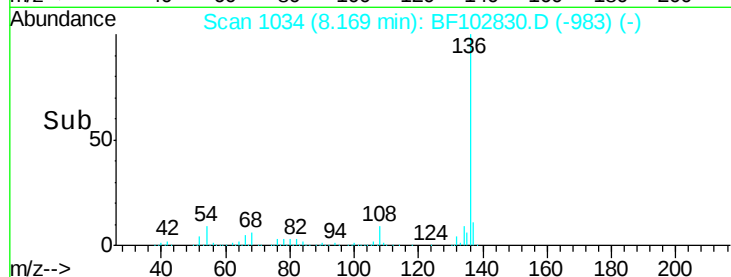
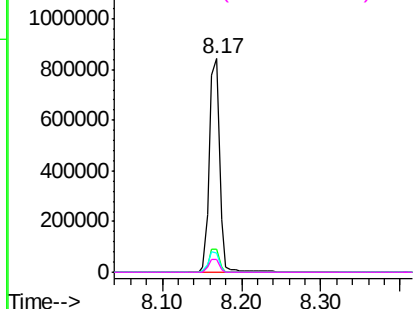
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	770441
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 8.7	6.6	9.8
68 5.9	5.0	7.4

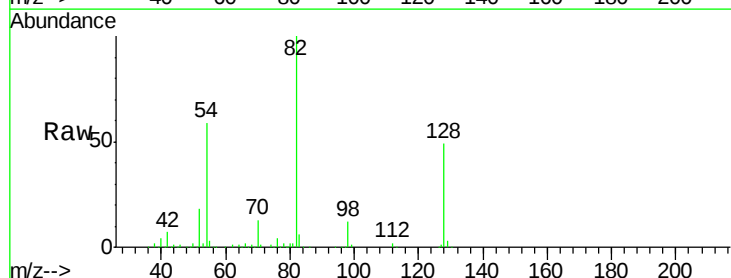


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

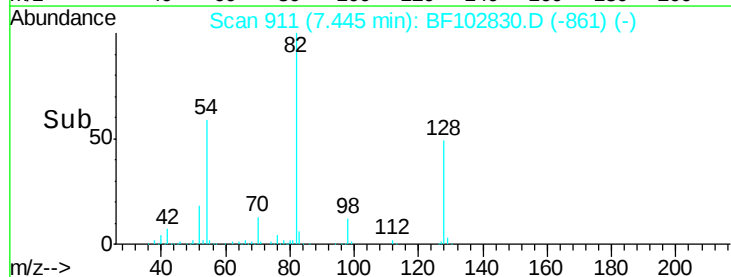
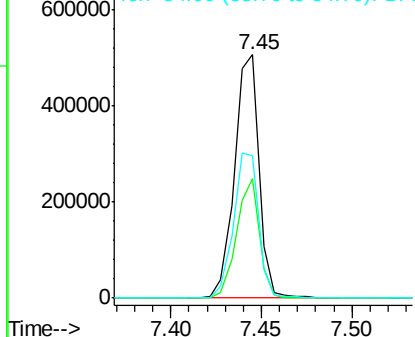


#23
Nitrobenzene-d5
Concen: 43.09 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Tgt Ion: 82	Resp: 478516
Ion Ratio	Lower Upper
82 100	
128 49.1	36.1 54.1
54 58.7	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





#25

Isophorone

Concen: 18.71 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF102830.D

Acq: 7 Feb 2018 22:35

Instrument :

BNA_F

ClientSampleId :

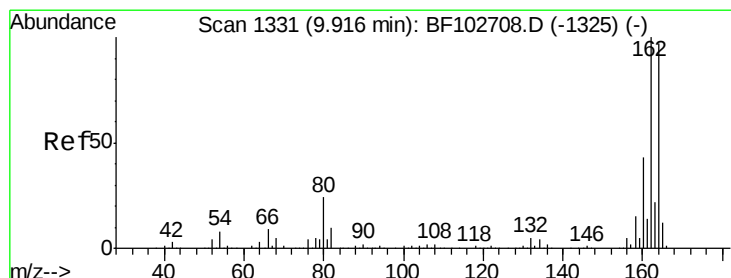
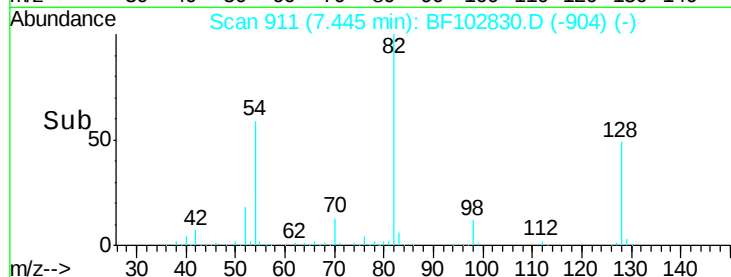
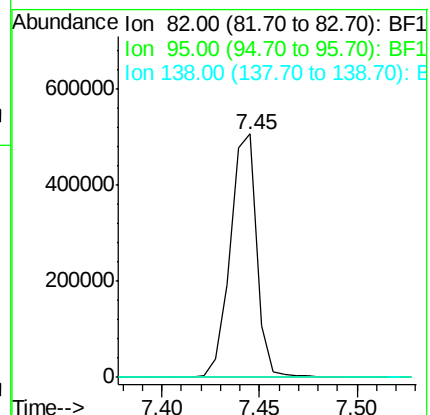
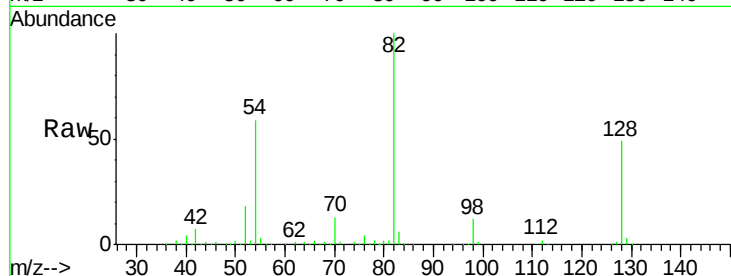
Tot Ion: 82 Resp: 478508

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF102830.D

Acq: 7 Feb 2018 22:35

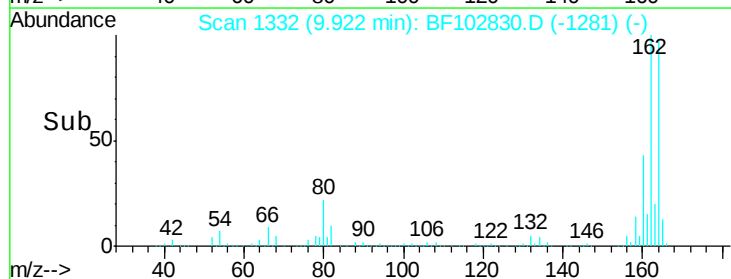
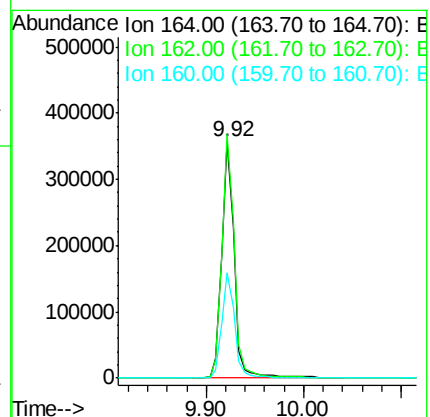
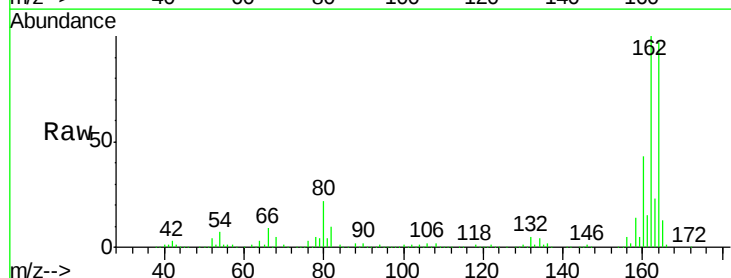
Tgt Ion: 164 Resp: 319491

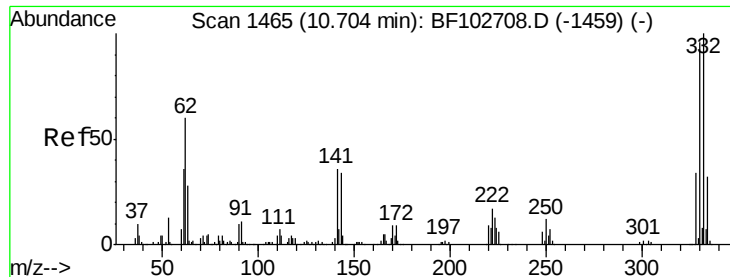
Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

160 44.5 38.3 57.5

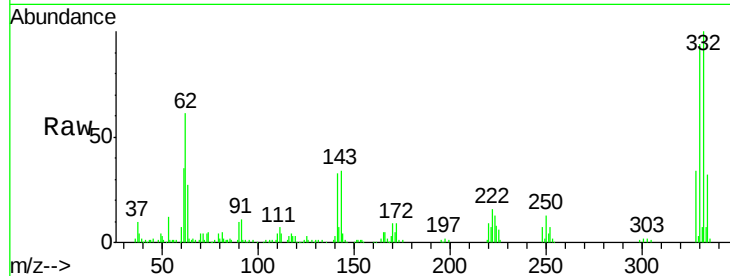




#41
 2,4,6-Tribromophenol
 Concen: 51.85 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102830.D
 Acq: 7 Feb 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	107.2	77.0	115.6
141	41.6	29.9	44.9

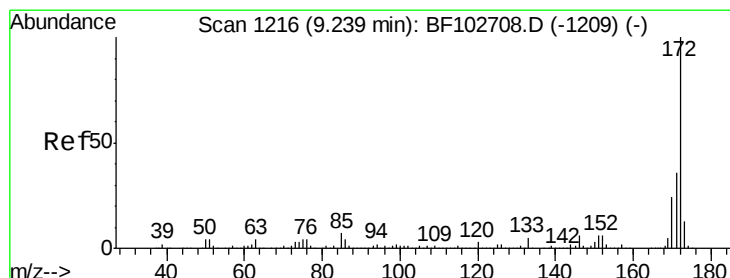
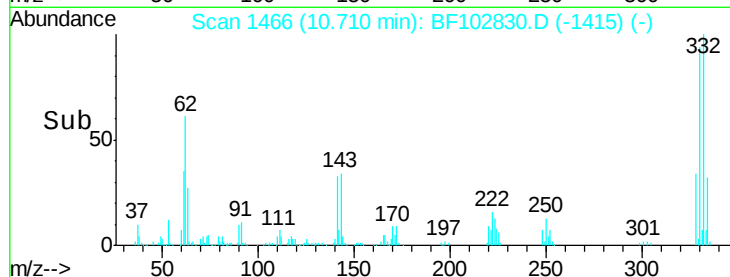
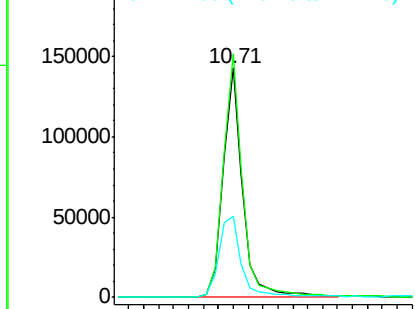


Abundance

Ion 329.80 (329.50 to 330.50): E

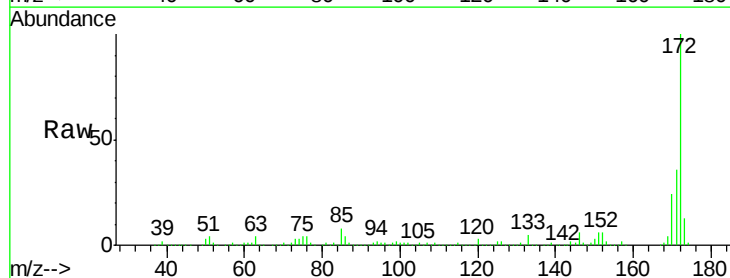
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 43.24 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102830.D
 Acq: 7 Feb 2018 22:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.7	19.6	29.4

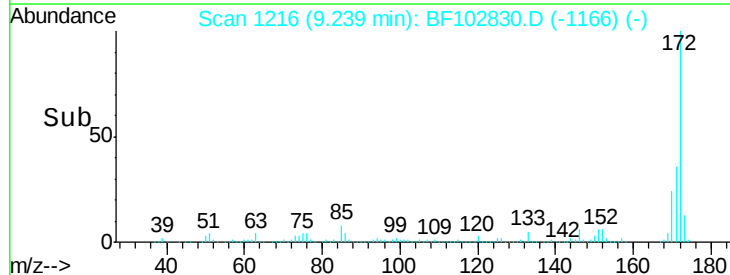
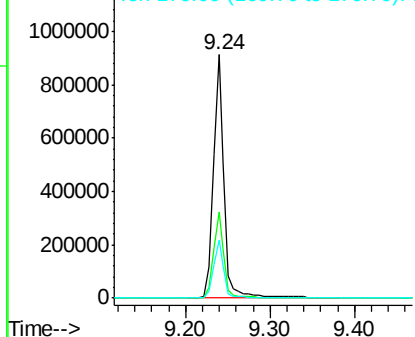


Abundance

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





#47

2-Nitroaniline

Concen: 3.49 ng

RT: 9.55 min Scan# 1268

Delta R.T. 0.08 min

Lab File: BF102830.D

Acq: 7 Feb 2018 22:35

Instrument :

BNA_F

ClientSampleId :

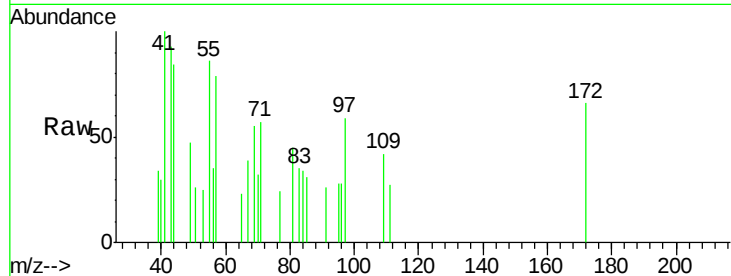
Tot Ion: 65 Resp: 110

Ion Ratio Lower Upper

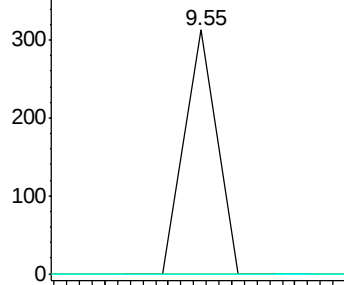
65 100

92 0.0 55.8 83.6#

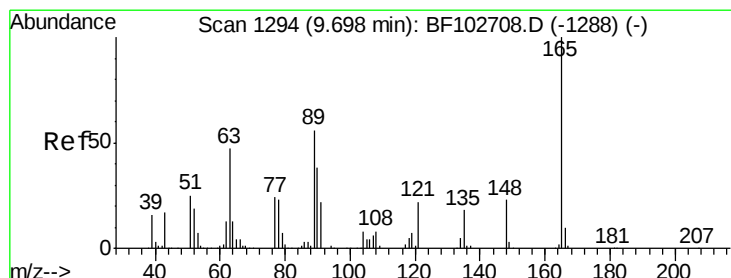
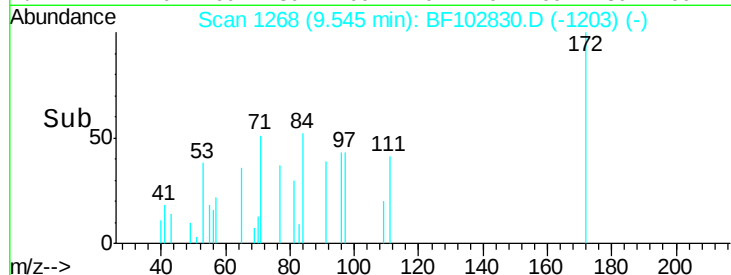
138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



Time-->



#50

2,6-Dinitrotoluene

Concen: 8.10 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.22 min

Lab File: BF102830.D

Acq: 7 Feb 2018 22:35

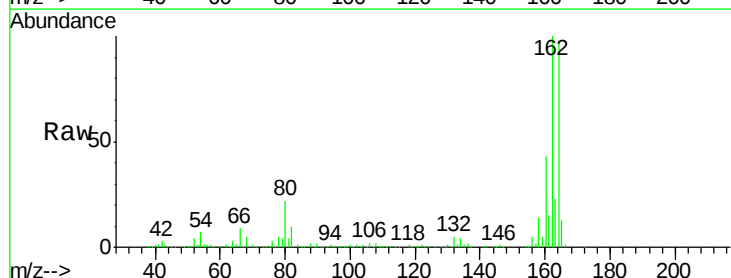
Tgt Ion:165 Resp: 38383

Ion Ratio Lower Upper

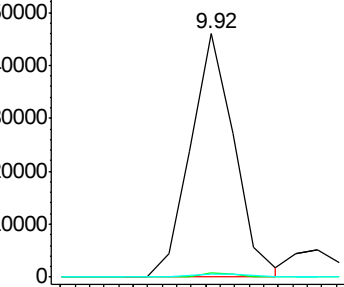
165 100

63 1.6 44.7 67.1#

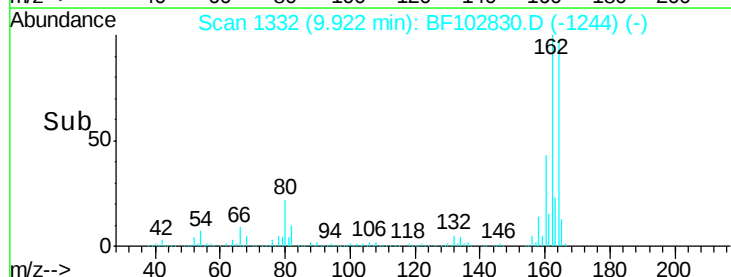
89 1.1 44.0 66.0#

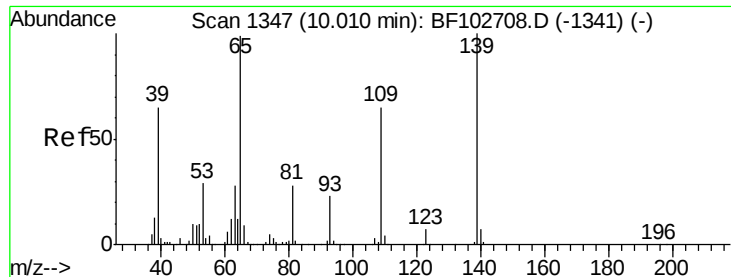


Abundance Ion 165.00 (164.70 to 165.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



Time-->

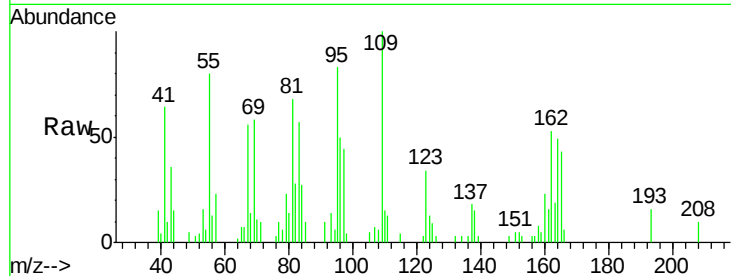




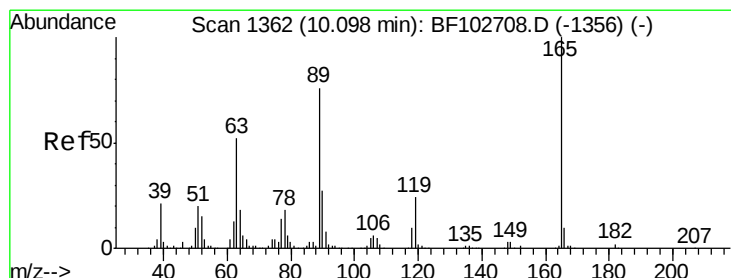
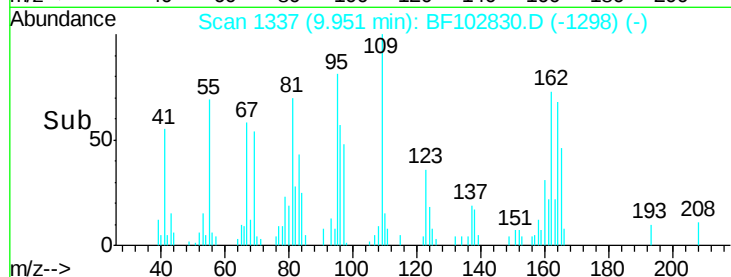
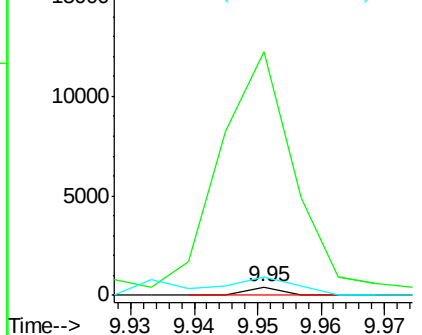
#55
4-Nitrophenol
Concen: 4.05 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.07 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 147
Ion Ratio Lower Upper
139 100
109 2942.1 48.4 88.4#
65 220.2 72.6 112.6#

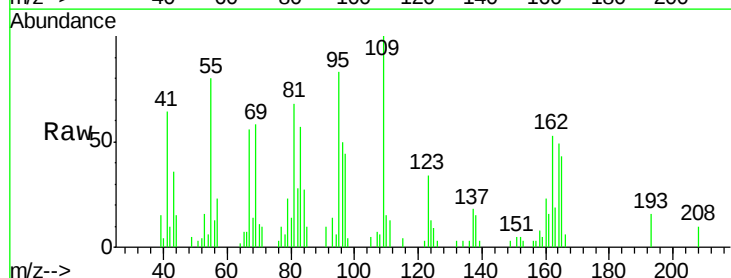


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

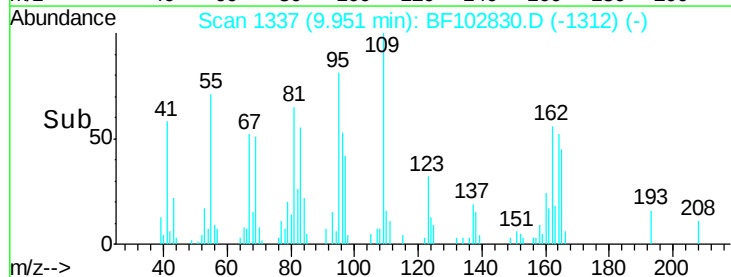
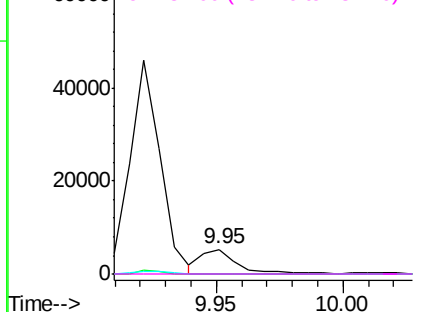


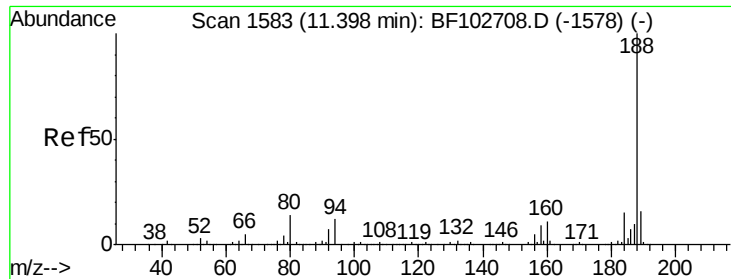
#56
2,4-Dinitrotoluene
Concen: 3.87 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.15 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Tgt Ion:165 Resp: 5418
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

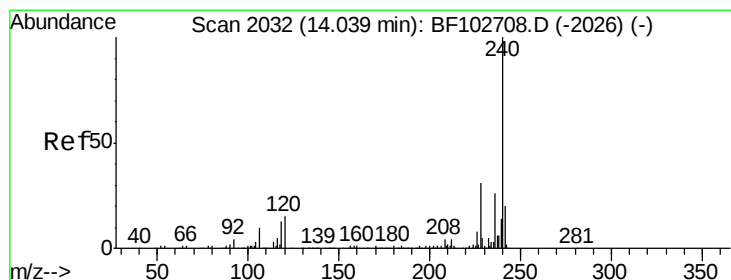
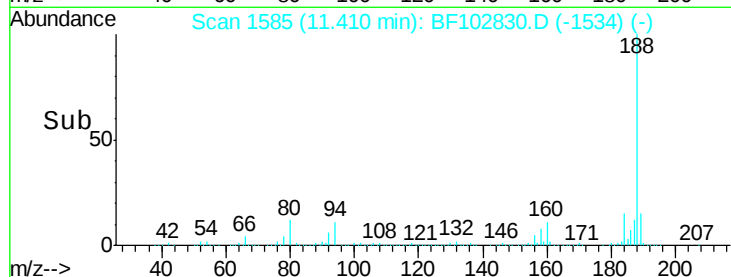
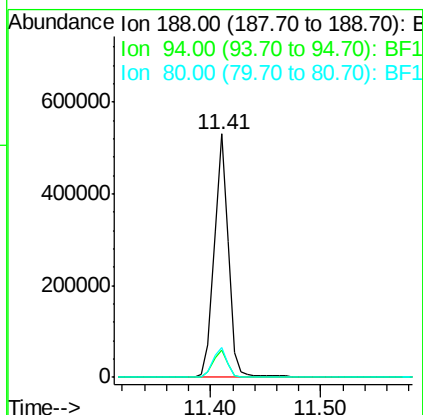
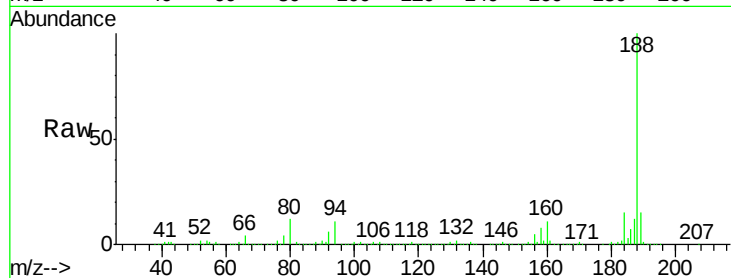




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

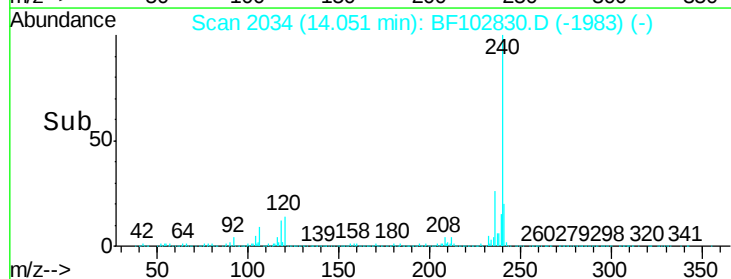
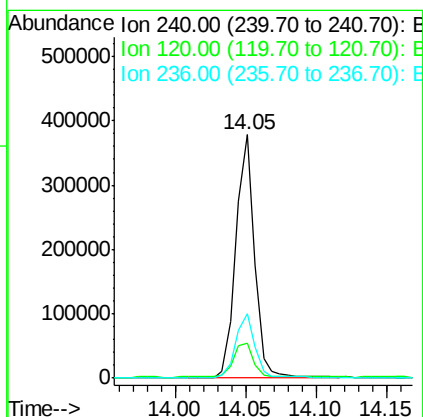
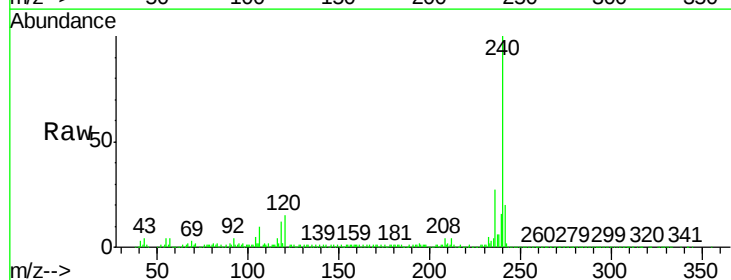
Instrument :
BNA_F
ClientSampleId :

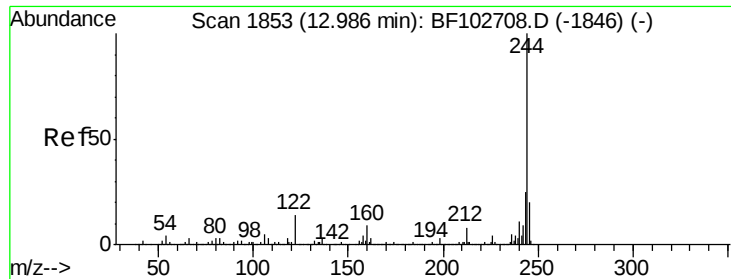
Tot Ion:188 Resp: 468174
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BF102830.D
Acq: 7 Feb 2018 22:35

Tgt Ion:240 Resp: 348388
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 26.6 20.7 31.1

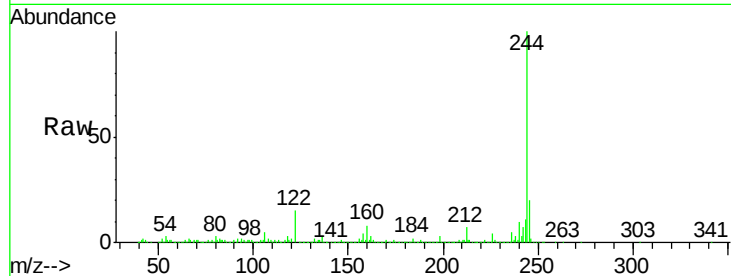




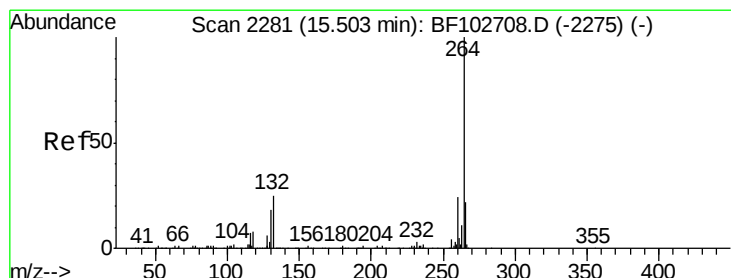
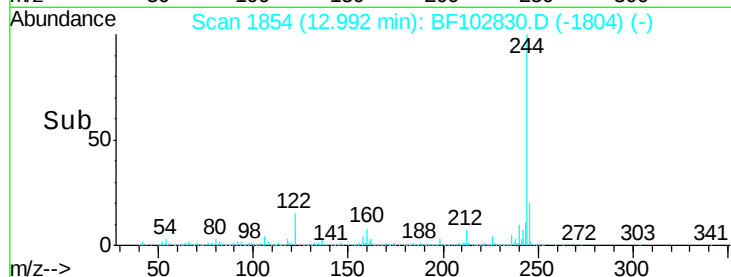
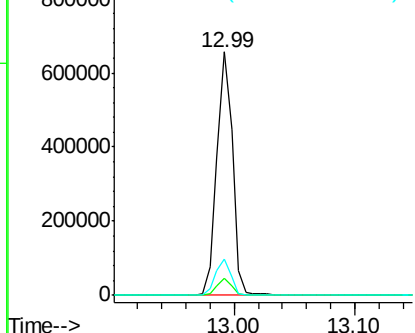
#78
 Terphenyl-d14
 Concen: 39.75 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF102830.D
 Acq: 7 Feb 2018 22:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 584881
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 15.1 11.0 16.4

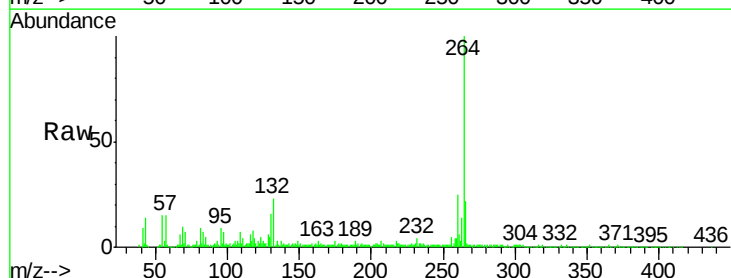


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. 0.01 min
 Lab File: BF102830.D
 Acq: 7 Feb 2018 22:35

Tgt Ion:264 Resp: 274854
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 22.1 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

