

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
 Data File : BF102897.D
 Acq On : 9 Feb 2018 19:05
 Operator : SJ/JU
 Sample : J1501-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 09 22:08:21 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

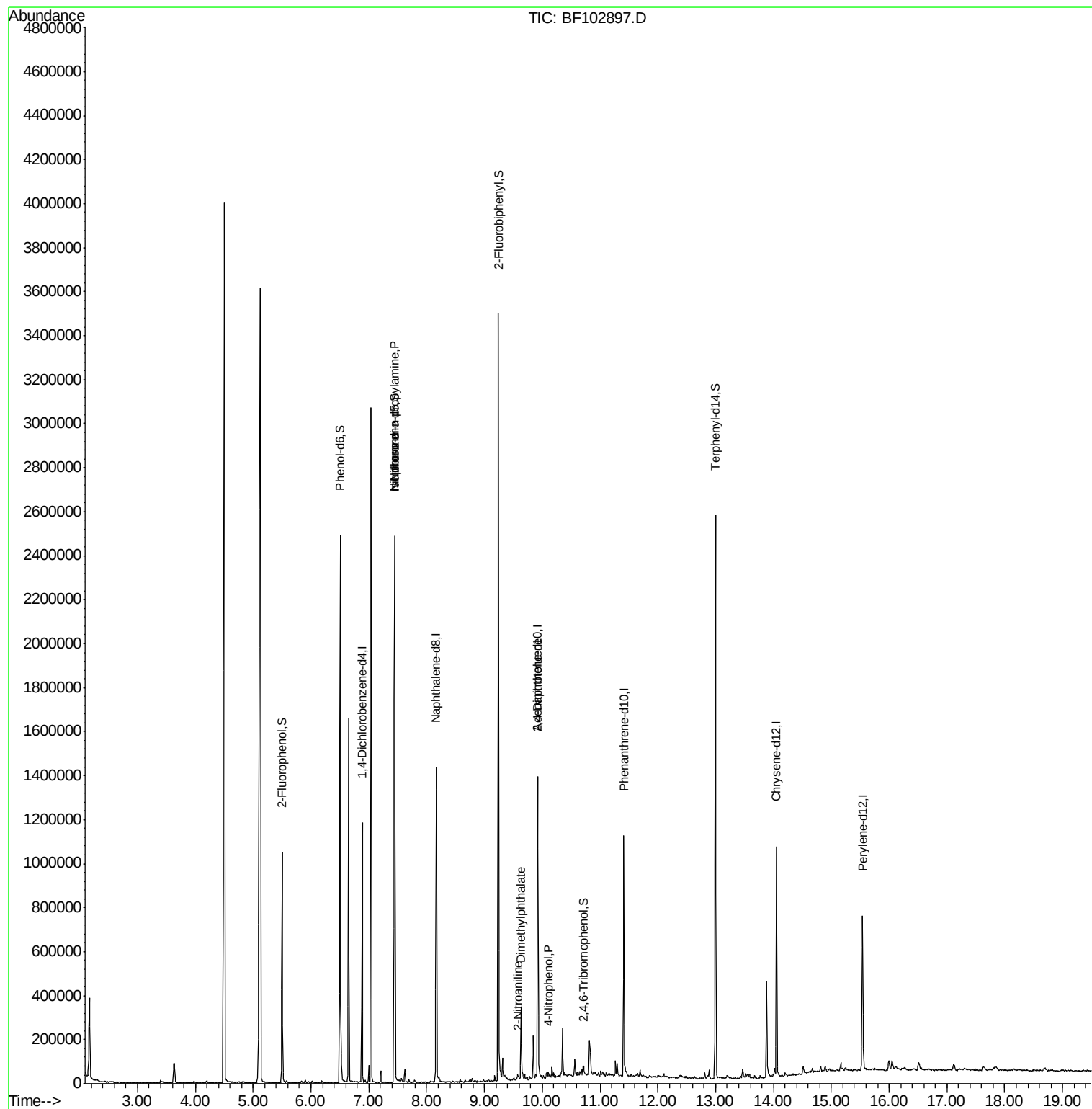
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	166271	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	661404	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	263225	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	391037	20.00	ng	0.00
75) Chrysene-d12	14.05	240	331535	20.00	ng	0.00
86) Perylene-d12	15.54	264	310533	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	265302	24.23	ng	0.00
7) Phenol-d6	6.50	99	816928	61.97	ng	0.00
23) Nitrobenzene-d5	7.45	82	749814	78.64	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	4696	2.22	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1168545	73.66	ng	0.00
78) Terphenyl-d14	13.00	244	846895	60.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	102190	11.76	ng	# 85
25) Isophorone	7.45	82	749806	34.15	ng	# 64
47) 2-Nitroaniline	9.58	65	121	3.49	ng	# 2
49) Dimethylphthalate	9.63	163	115037	5.60	ng	99
55) 4-Nitrophenol	10.10	139	112	4.05	ng	# 1
56) 2,4-Dinitrotoluene	9.92	165	34308	9.21	ng	# 23

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102897.D
Acq On : 9 Feb 2018 19:05
Operator : SJ/JU
Sample : J1501-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Feb 09 22:08:21 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BF102897.D

Acq: 9 Feb 2018 19:05

Instrument :

BNA_F

ClientSampleId :

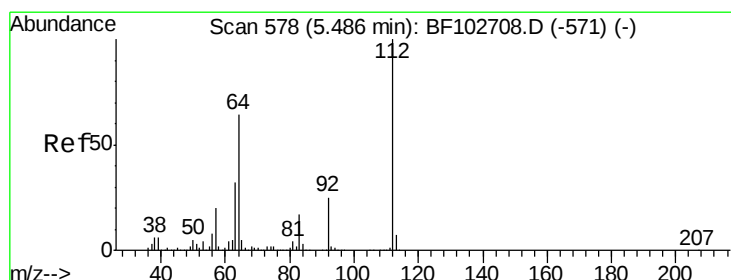
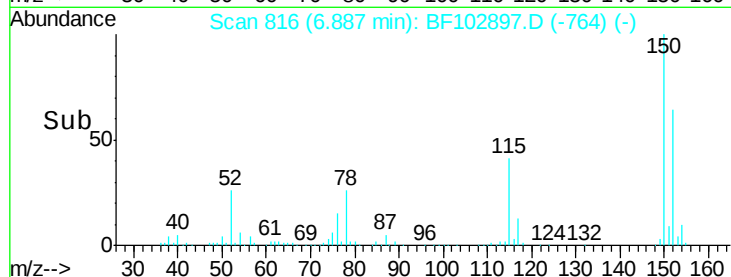
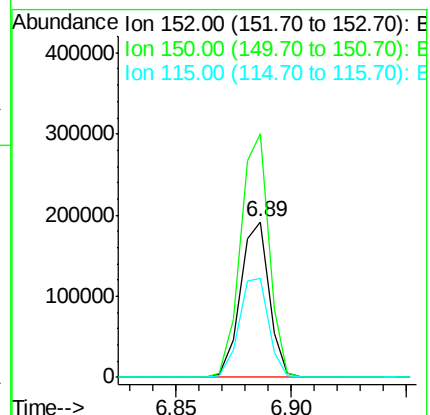
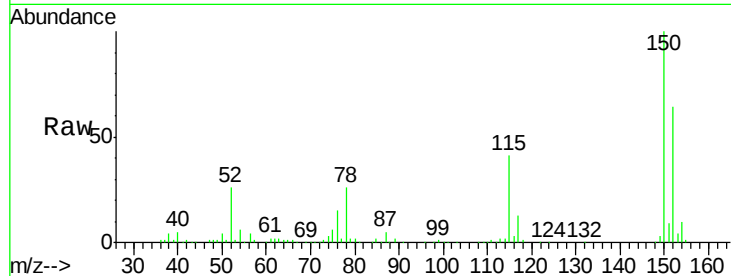
Tot Ion:152 Resp: 166271

Ion Ratio Lower Upper

152 100

150 156.6 124.6 186.8

115 63.8 50.1 75.1



#5

2-Fluorophenol

Concen: 24.23 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF102897.D

Acq: 9 Feb 2018 19:05

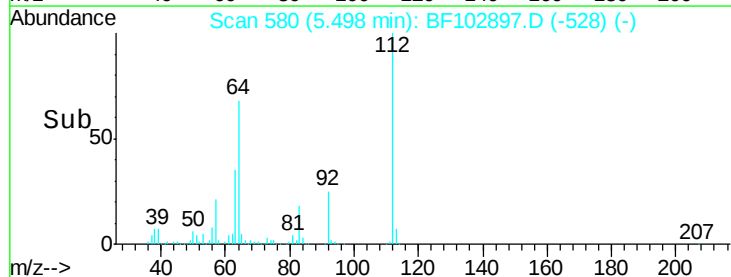
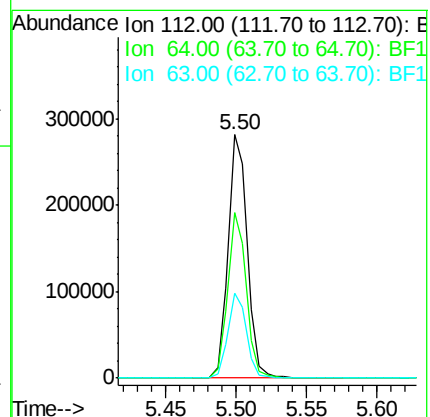
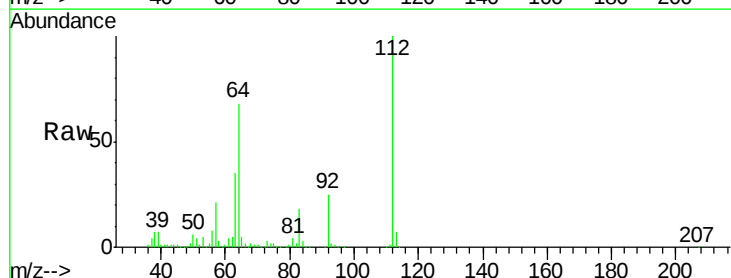
Tgt Ion:112 Resp: 265302

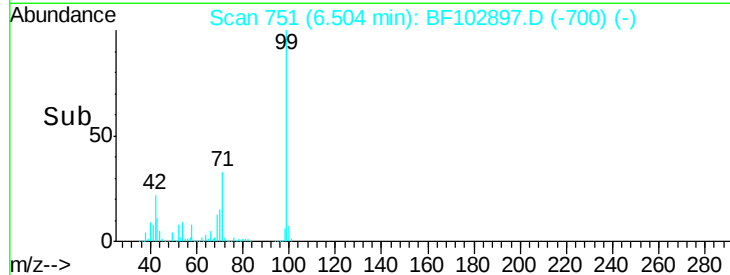
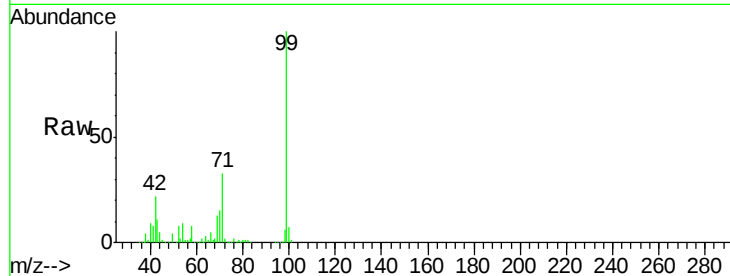
Ion Ratio Lower Upper

112 100

64 67.8 47.9 71.9

63 34.8 23.7 35.5





#7

Phenol-d6

Concen: 61.97 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102897.D

Acq: 9 Feb 2018 19:05

Instrument :

BNA_F

ClientSampleId :

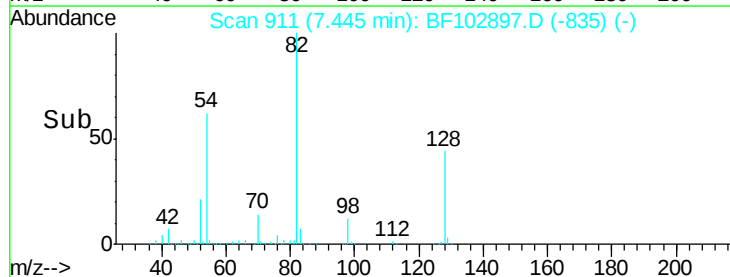
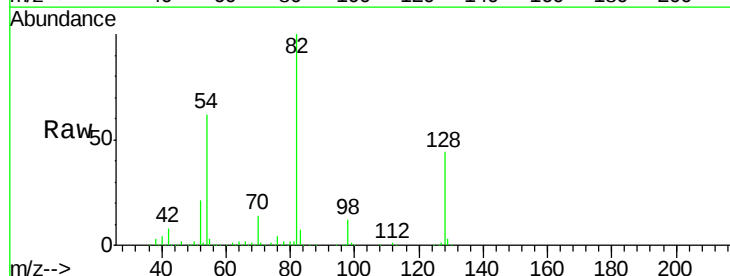
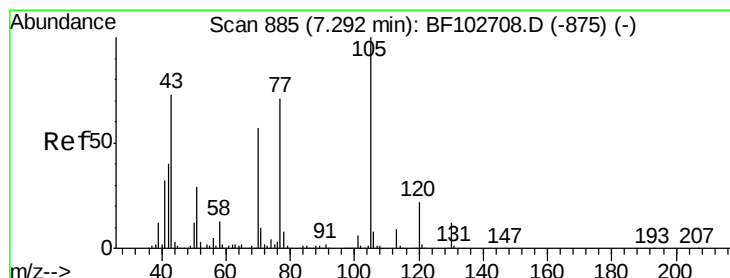
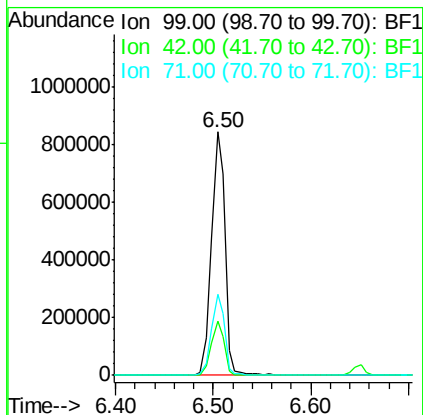
Tot Ion: 99 Resp: 816928

Ion Ratio Lower Upper

99 100

42 22.1 14.5 21.7#

71 33.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.76 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.15 min

Lab File: BF102897.D

Acq: 9 Feb 2018 19:05

Tgt Ion: 70 Resp: 102190

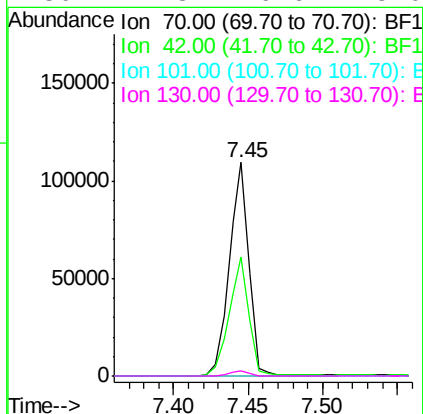
Ion Ratio Lower Upper

70 100

42 55.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

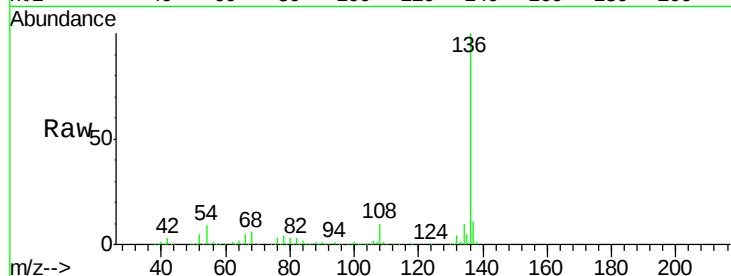




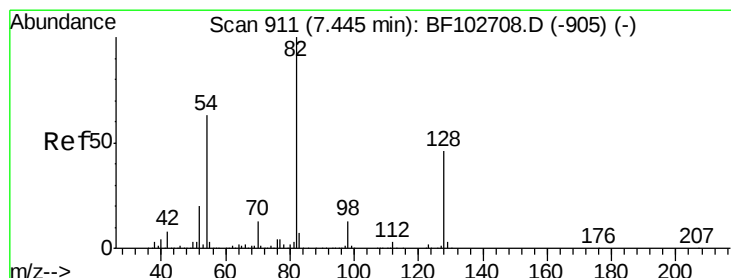
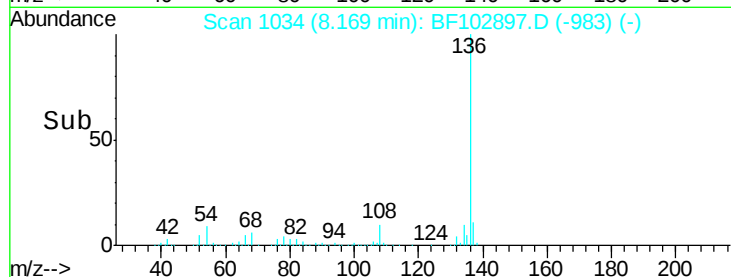
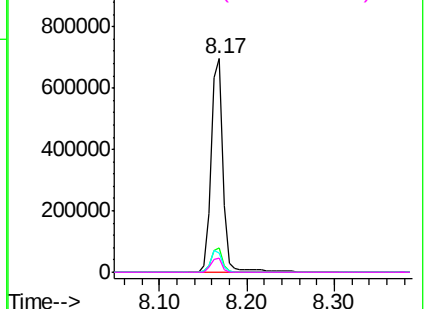
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	661404
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	9.2	6.6 9.8
68	6.5	5.0 7.4

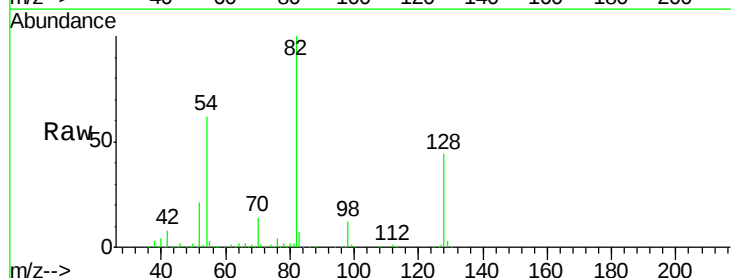


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

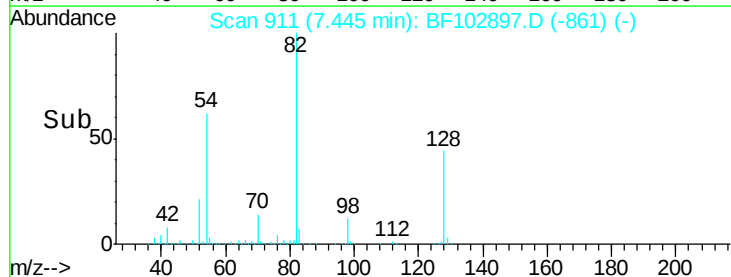
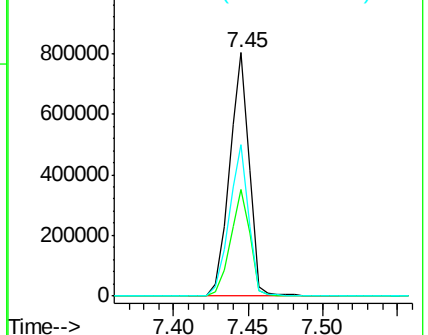


#23
Nitrobenzene-d5
Concen: 78.64 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Tgt Ion: 82	Resp:	749814
Ion Ratio	Lower	Upper
82	100	
128	43.9	36.1 54.1
54	62.3	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

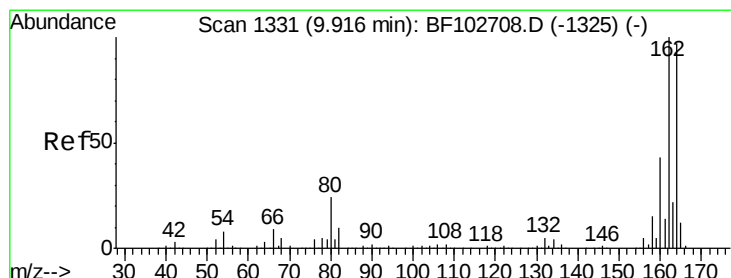
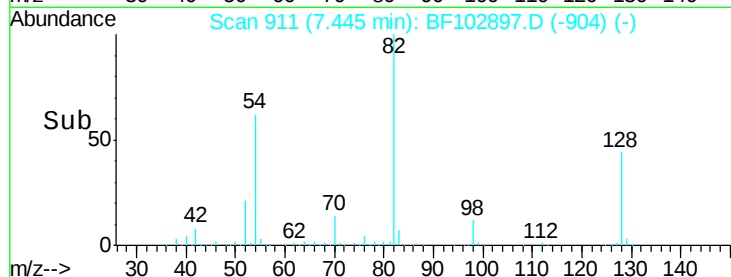
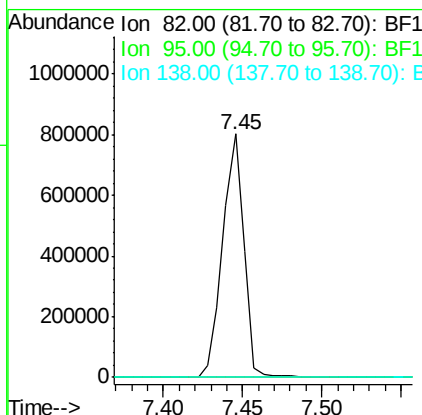
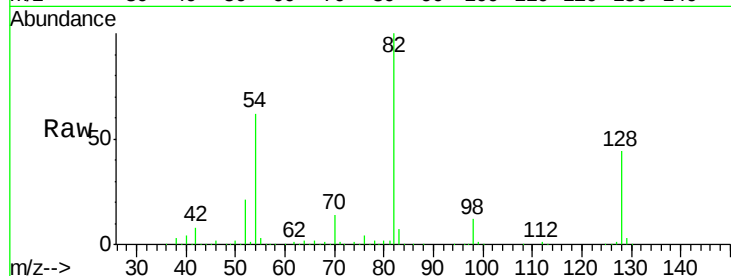




#25
Isophorone
Concen: 34.15 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

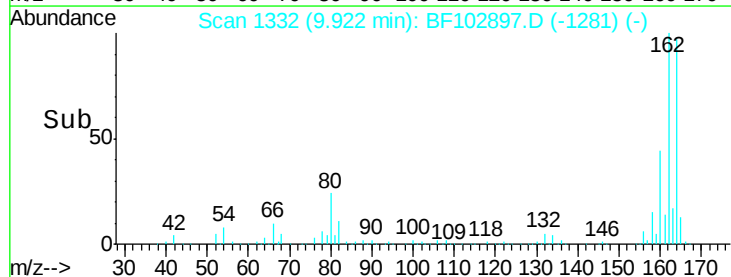
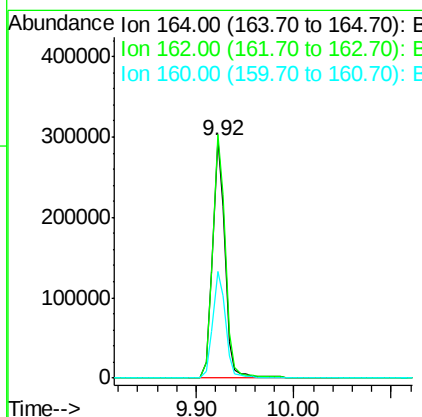
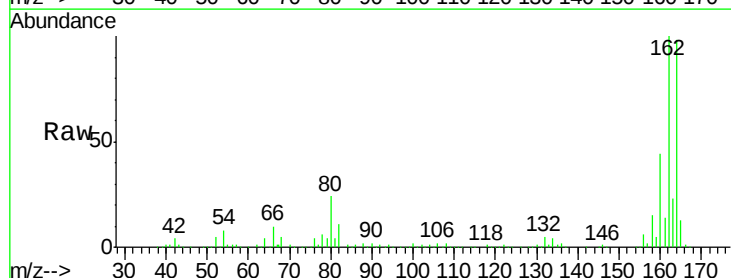
Instrument :
BNA_F
ClientSampleId :

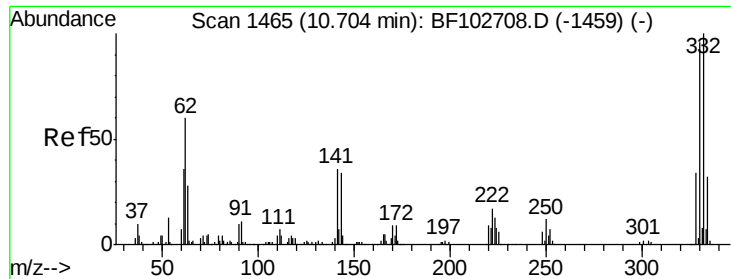
Tot Ion: 82 Resp: 749806
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Tgt Ion: 164 Resp: 263225
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 44.9 38.3 57.5

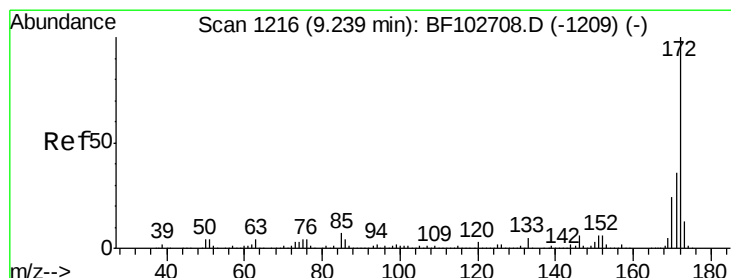
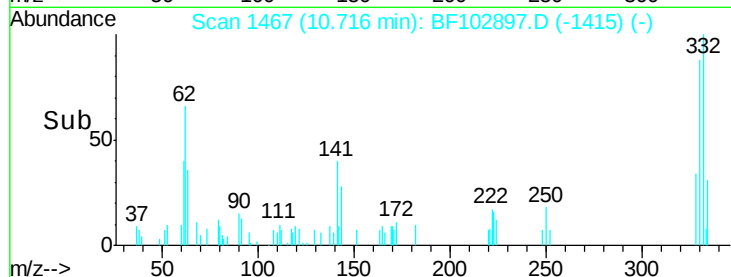
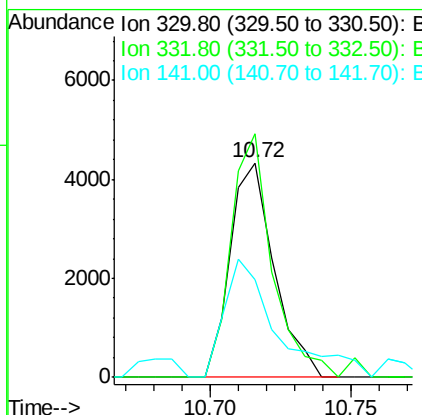
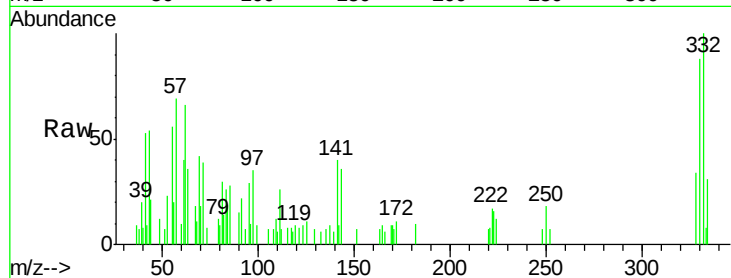




#41
 2,4,6-Tribromophenol
 Concen: 2.22 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102897.D
 Acq: 9 Feb 2018 19:05

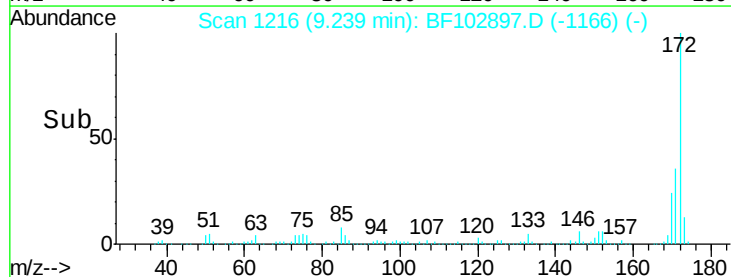
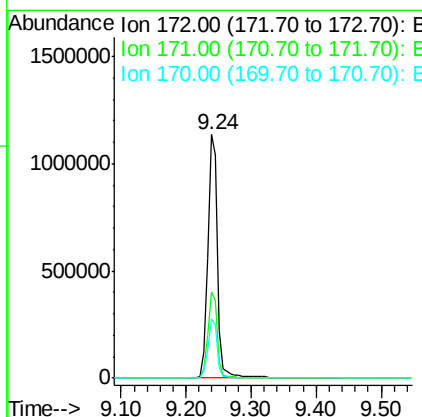
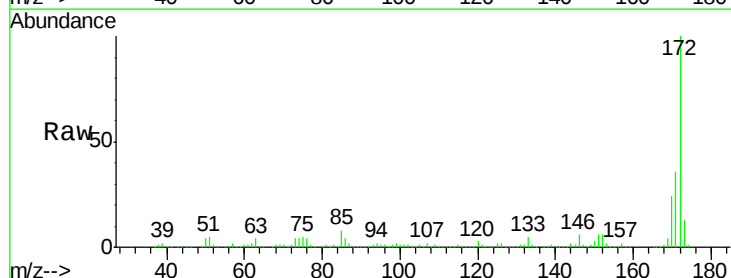
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 4696
 Ion Ratio Lower Upper
 330 100
 332 106.1 77.0 115.6
 141 66.8 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 73.66 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102897.D
 Acq: 9 Feb 2018 19:05

Tgt Ion:172 Resp: 1168545
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.2 19.6 29.4

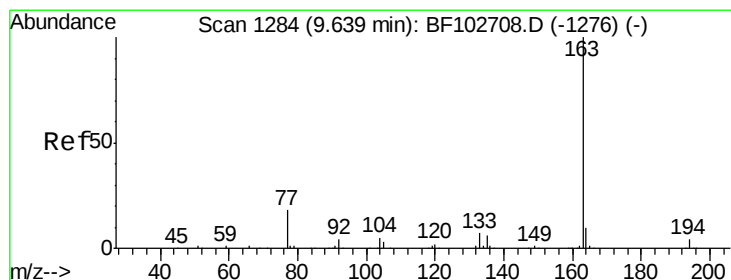
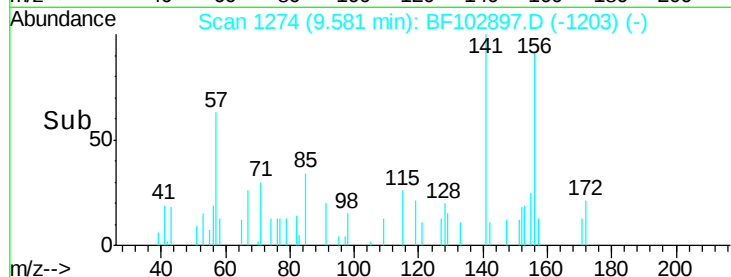
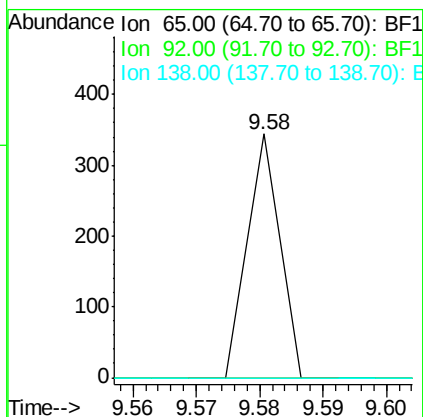
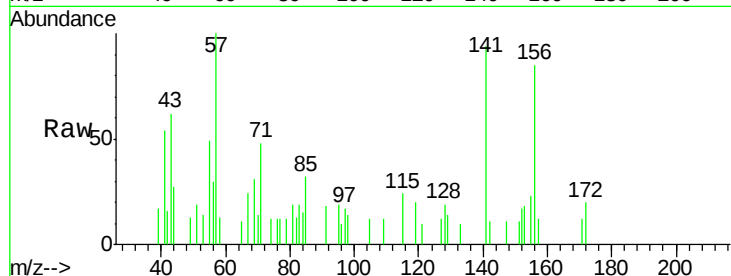




#47
2-Nitroaniline
Concen: 3.49 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.12 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

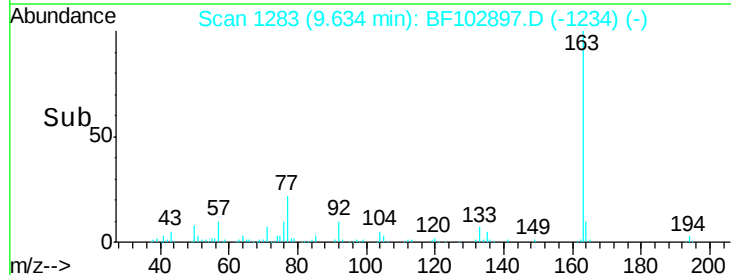
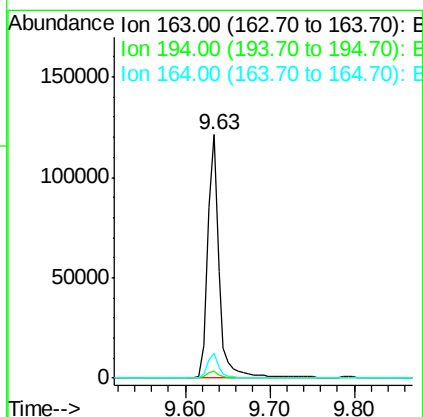
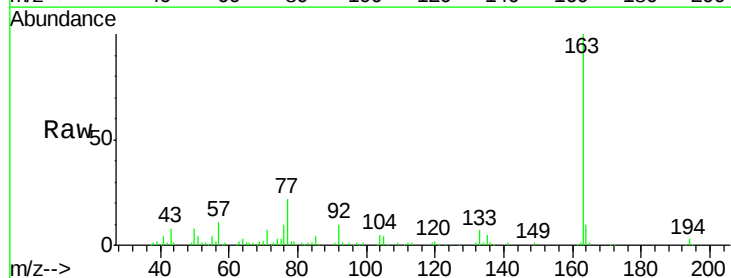
Instrument :
BNA_F
ClientSampleId :

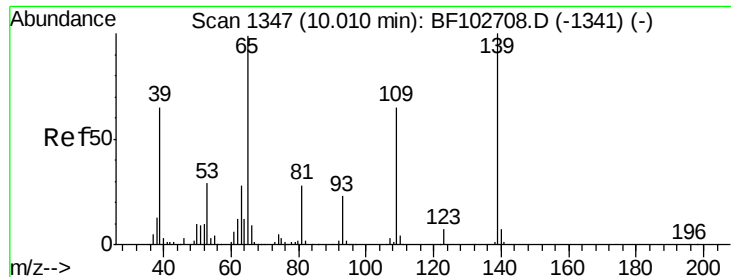
Tot Ion: 65 Resp: 121
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#49
Dimethylphthalate
Concen: 5.60 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Tgt Ion: 163 Resp: 115037
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.3 8.2 12.2

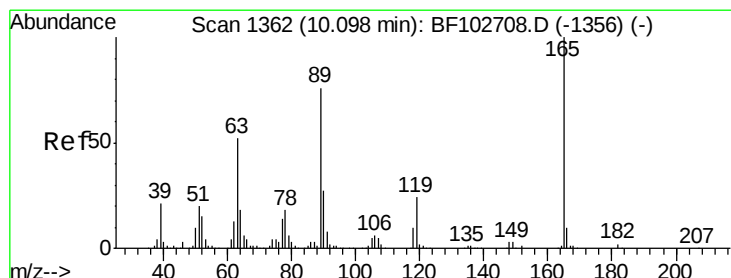
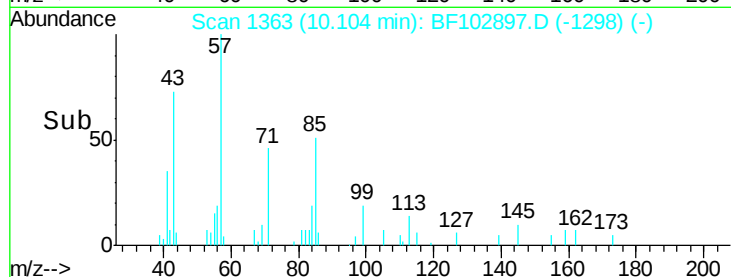
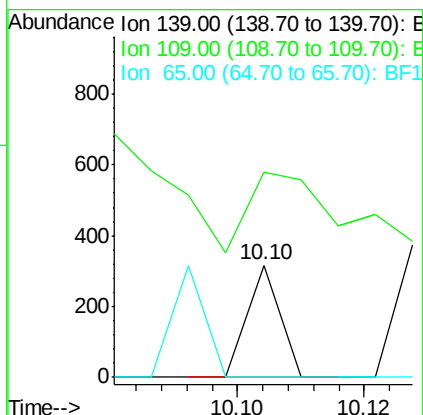
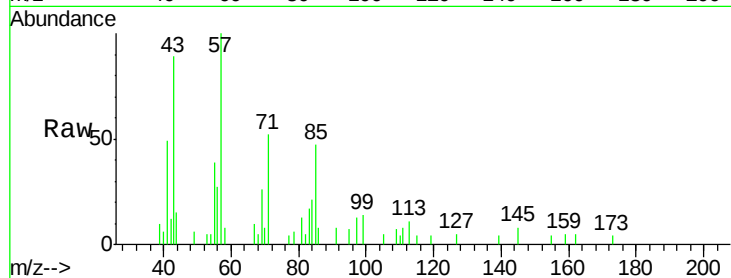




#55
4-Nitrophenol
Concen: 4.05 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.08 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

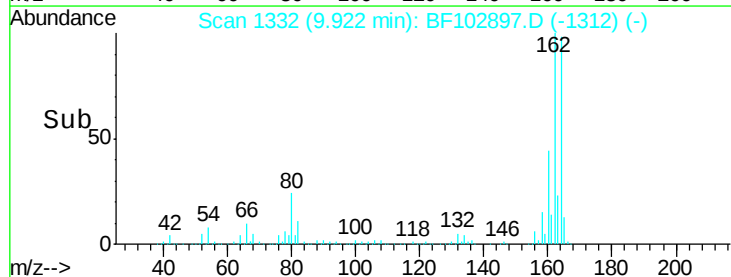
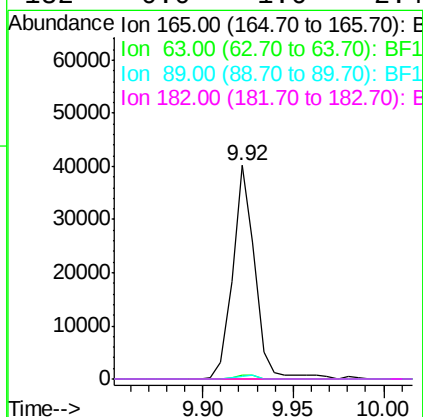
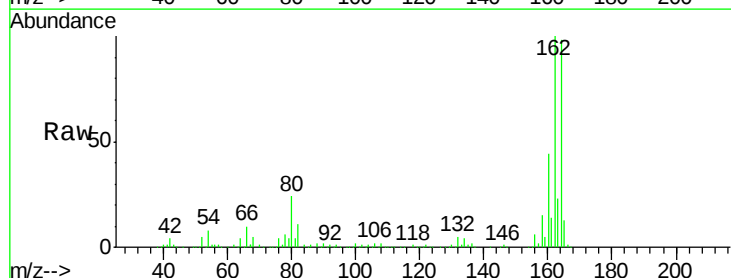
Instrument :
BNA_F
ClientSampleId :

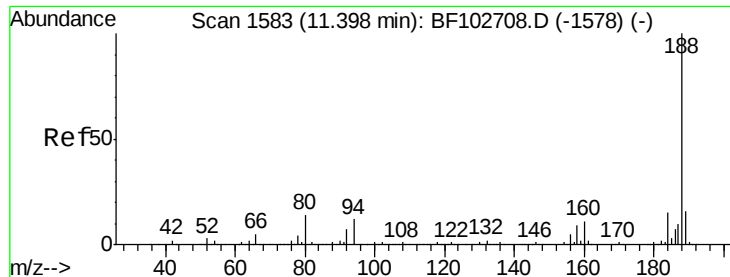
Tot Ion:139 Resp: 112
Ion Ratio Lower Upper
139 100
109 182.3 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 9.21 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.18 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Tgt Ion:165 Resp: 34308
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.3 57.8 86.6#
182 0.0 1.6 2.4#

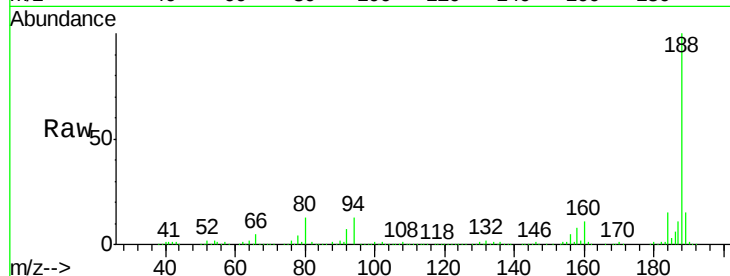




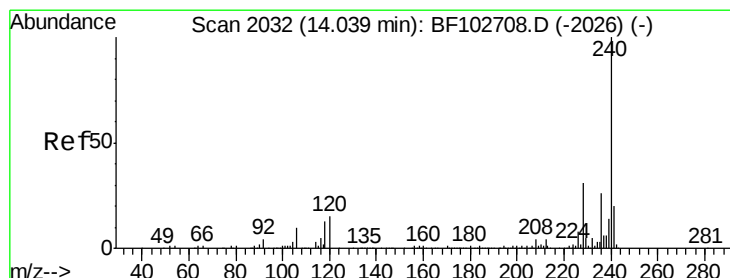
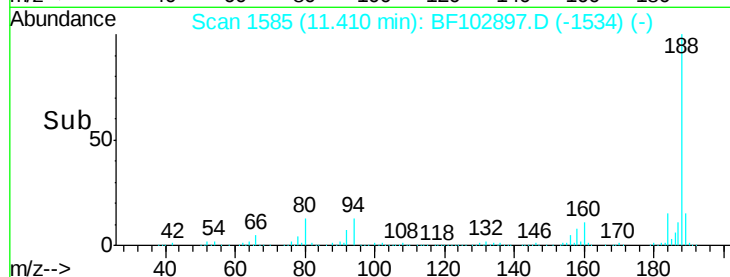
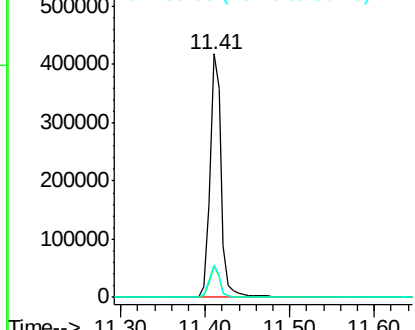
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 391037
Ion Ratio Lower Upper
188 100
94 12.7 8.5 12.7#
80 13.5 9.2 13.8

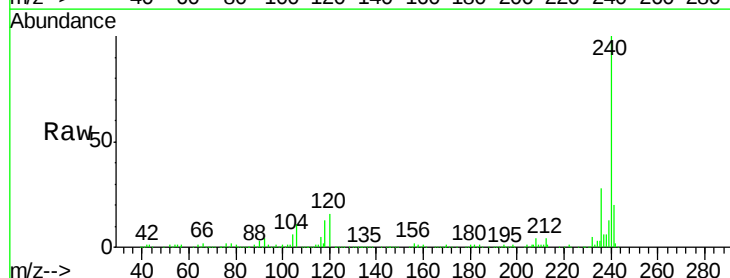


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

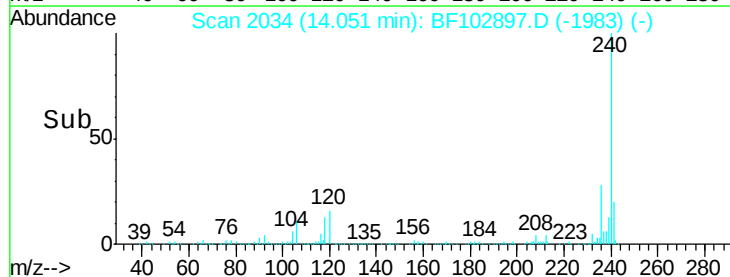
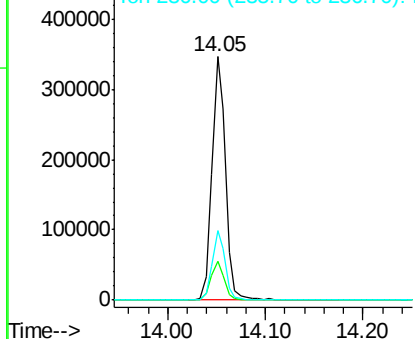


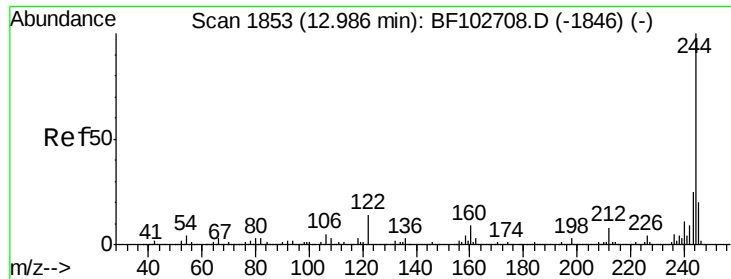
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF102897.D
Acq: 9 Feb 2018 19:05

Tgt Ion:240 Resp: 331535
Ion Ratio Lower Upper
240 100
120 16.2 9.5 14.3#
236 28.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.48 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102897.D

Acq: 9 Feb 2018 19:05

Instrument :

BNA_F

ClientSampleId :

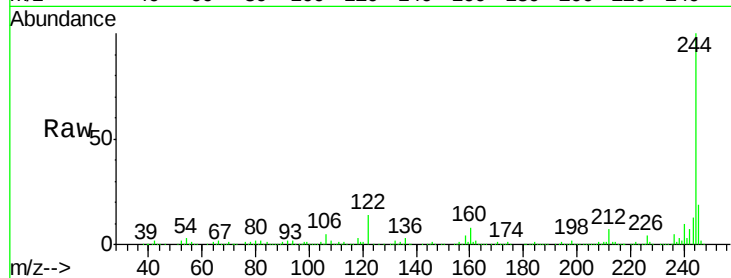
Tot Ion:244 Resp: 846895

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

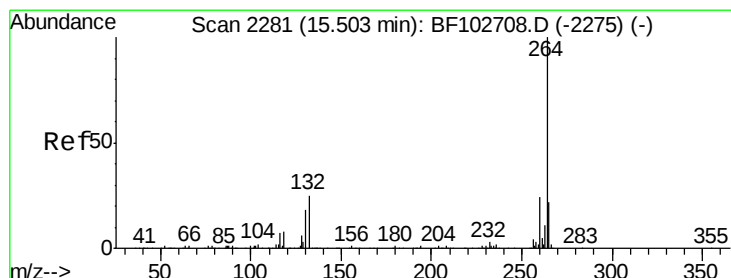
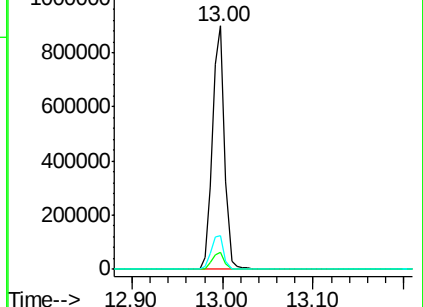
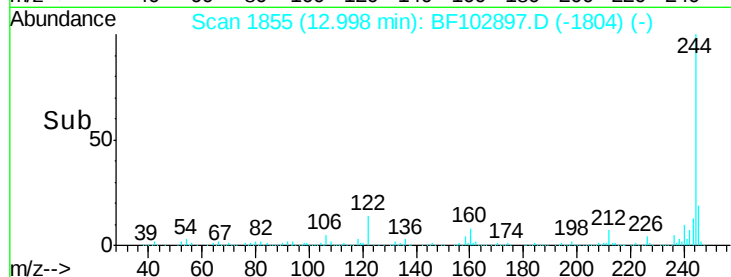
122 13.7 11.0 16.4



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: BF102897.D

Acq: 9 Feb 2018 19:05

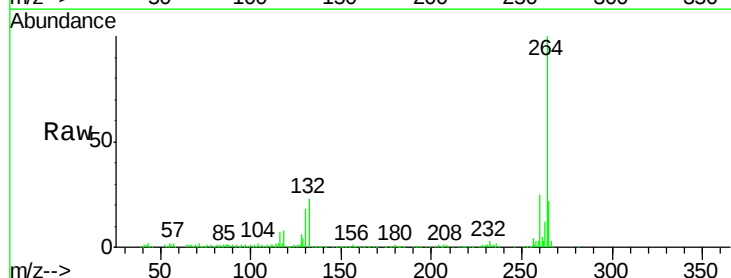
Tgt Ion:264 Resp: 310533

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.5 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

