

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103021.D
 Acq On : 15 Feb 2018 16:54
 Operator : SJ/JU
 Sample : J1393-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-B

Quant Time: Feb 15 17:39:43 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	193208	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	791475	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	351730	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	580708	20.00	ng	0.00
75) Chrysene-d12	14.04	240	356349	20.00	ng	0.00
86) Perylene-d12	15.52	264	366247	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	727744	57.20	ng	0.00
7) Phenol-d6	6.50	99	888877	58.03	ng	-0.01
23) Nitrobenzene-d5	7.43	82	548671	48.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	175038	61.83	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	851745	40.18	ng	-0.01
78) Terphenyl-d14	12.99	244	631732	41.98	ng	0.00

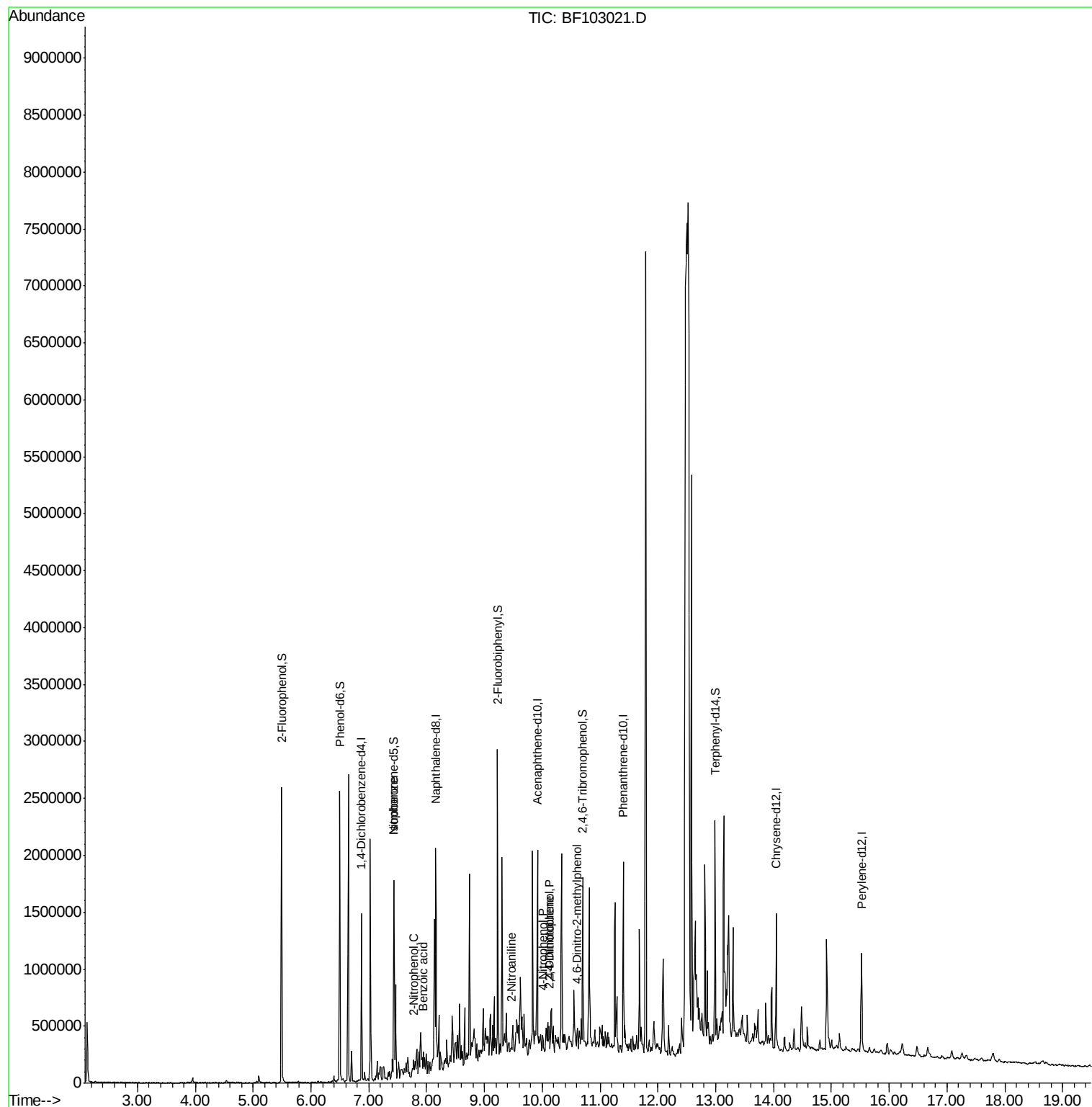
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.43	82	547520	20.841	ng	# 64
26) 2-Nitrophenol	7.77	139	514	8.743	ng	# 1
32) Benzoic acid	7.93	122	337	8.584	ng	# 1
47) 2-Nitroaniline	9.46	65	1074	3.611	ng	# 1
53) 2,4-Dinitrophenol	10.12	184	152	8.083	ng	# 6
55) 4-Nitrophenol	10.02	139	1634	4.318	ng	# 1
56) 2,4-Dinitrotoluene	10.11	165	2175	3.366	ng	# 54
64) 4,6-Dinitro-2-methylphenol	10.61	198	227	8.879	ng	# 1

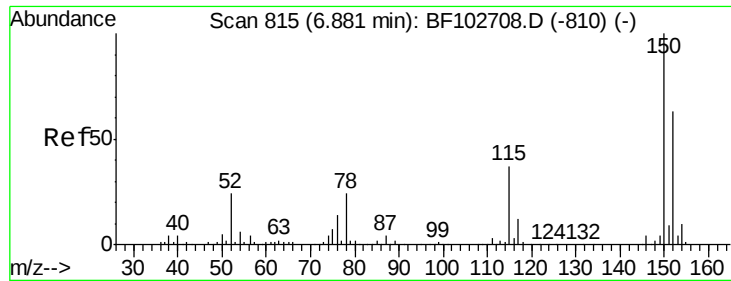
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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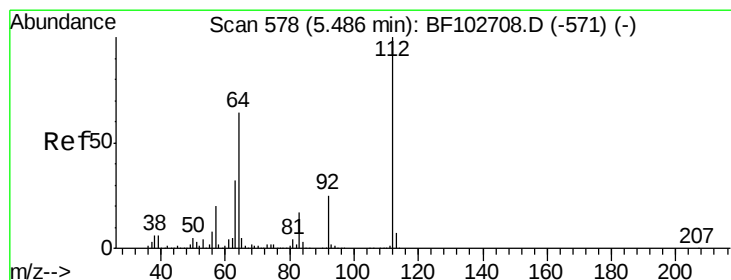
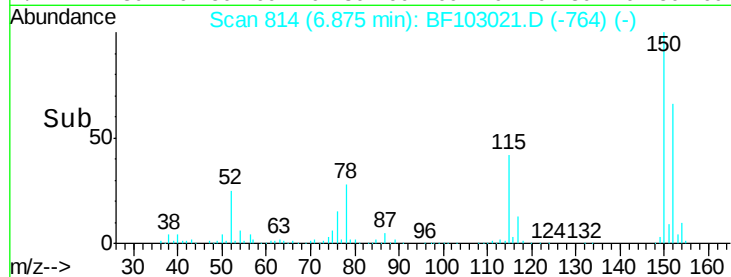
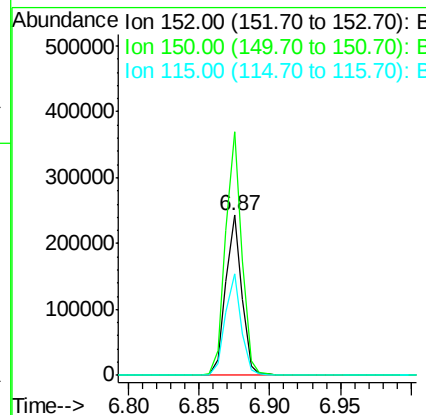
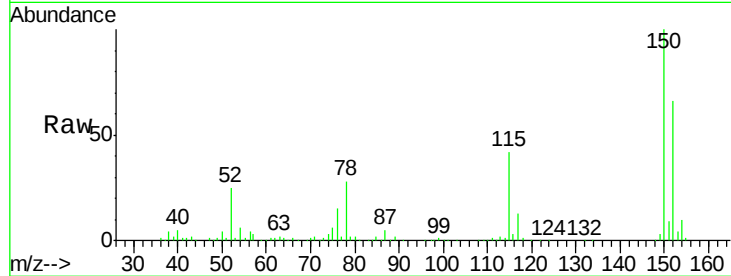


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

Instrument :
BNA_F
ClientSampleId :
HR-06-021418-B

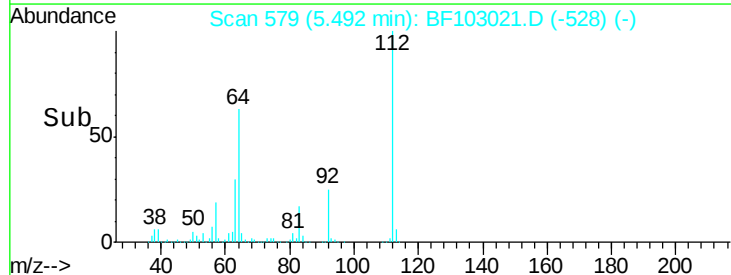
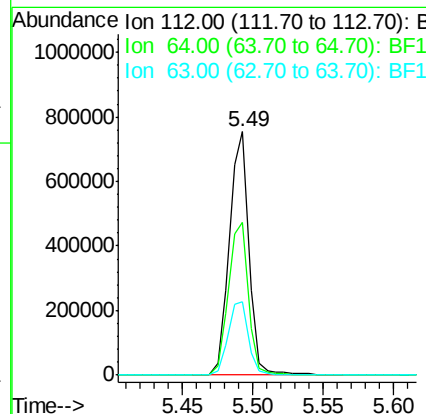
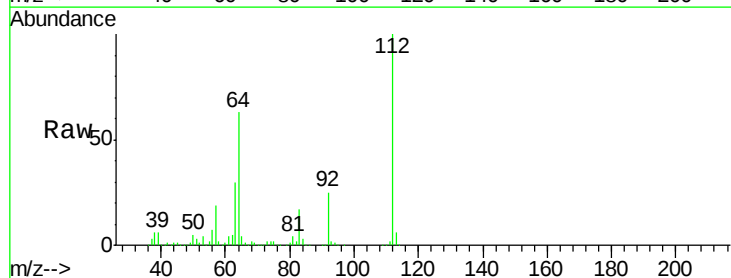
Tgt Ion:152 Resp: 193208
Ion Ratio Lower Upper
152 100
150 152.4 124.6 186.8
115 63.4 50.1 75.1



#5

2-Fluorophenol
Concen: 57.203 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

Tgt Ion:112 Resp: 727744
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 30.4 23.7 35.5





#7

Phenol-d6

Concen: 58.027 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

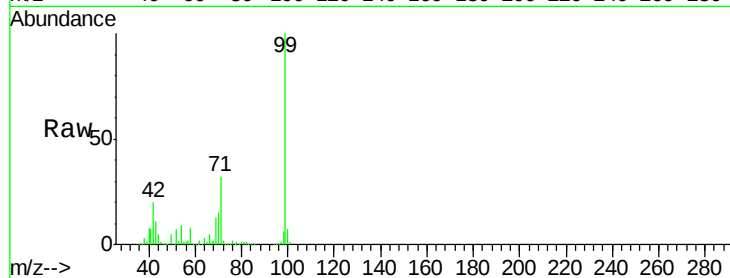
Tgt Ion: 99 Resp: 888877

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

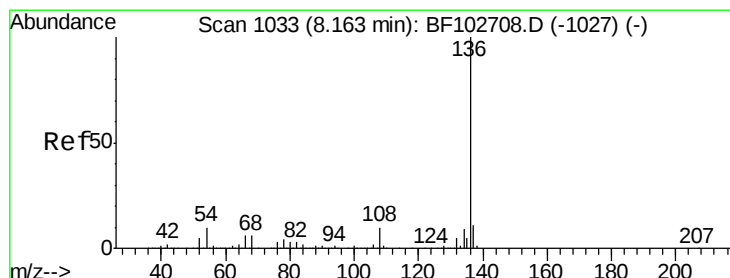
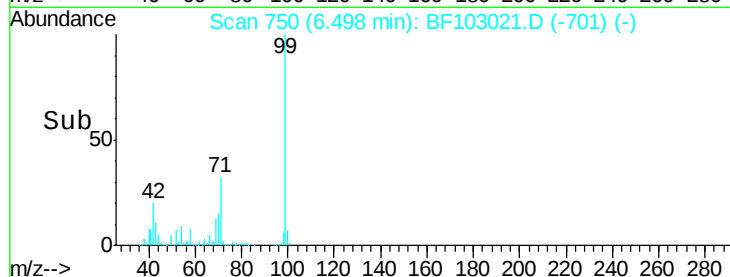
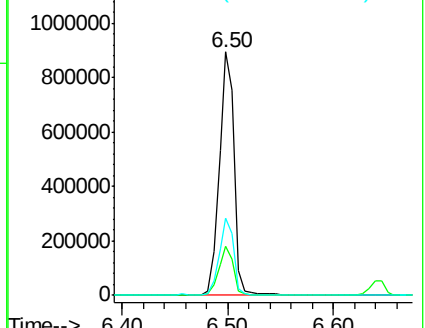
71 31.9 25.4 38.0



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Tgt Ion: 136 Resp: 791475

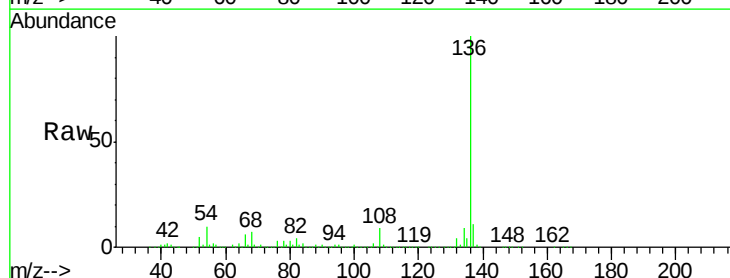
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.1 6.6 9.8#

68 6.9 5.0 7.4

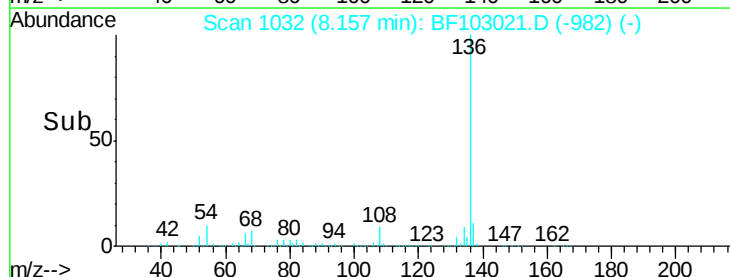
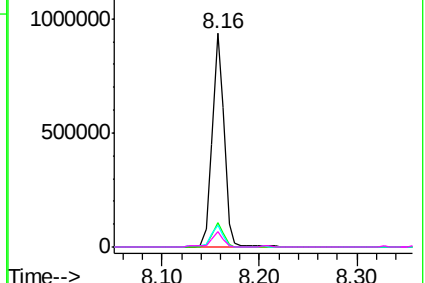


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.089 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

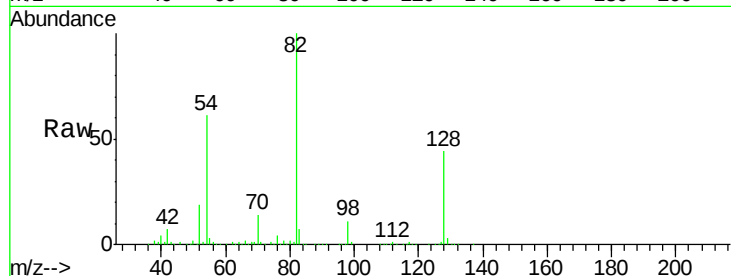
Tgt Ion: 82 Resp: 548671

Ion Ratio Lower Upper

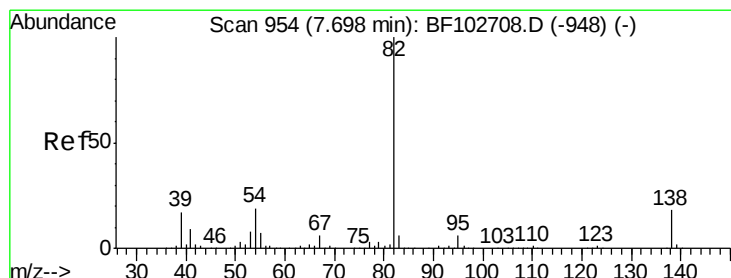
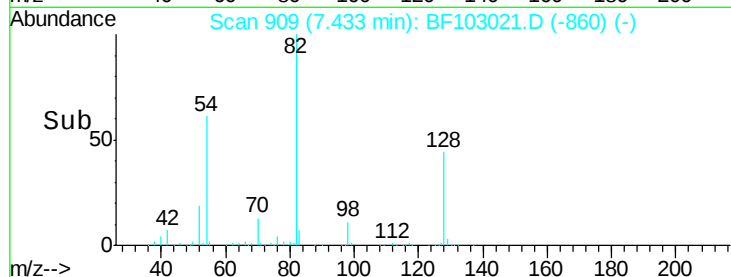
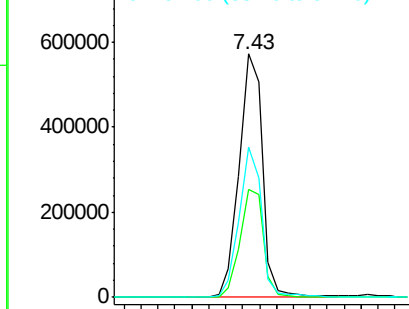
82 100

128 44.2 36.1 54.1

54 61.5 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



#25

Isophorone

Concen: 20.841 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.26 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

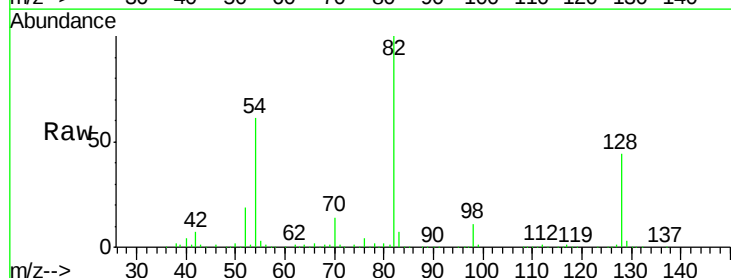
Tgt Ion: 82 Resp: 547520

Ion Ratio Lower Upper

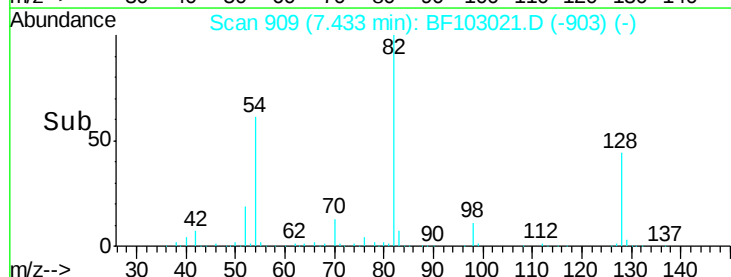
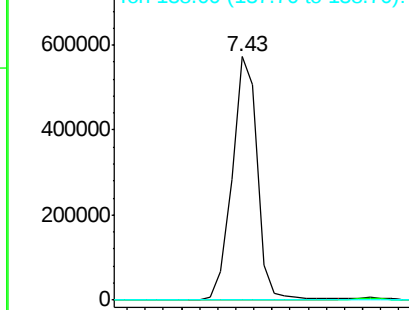
82 100

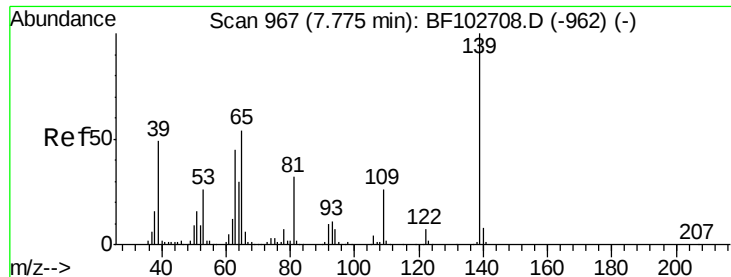
95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#26

2-Nitrophenol

Concen: 8.743 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

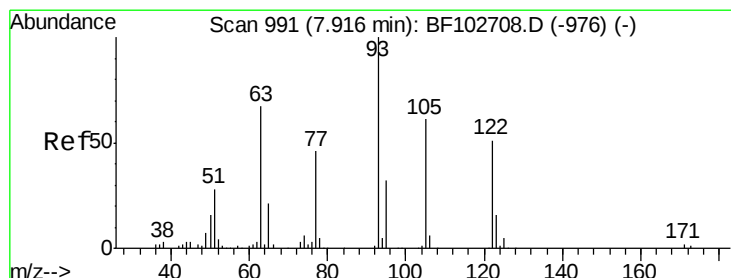
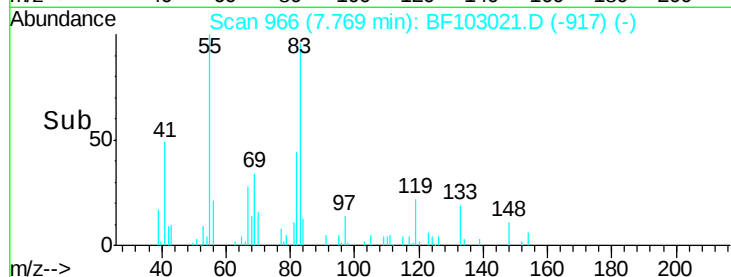
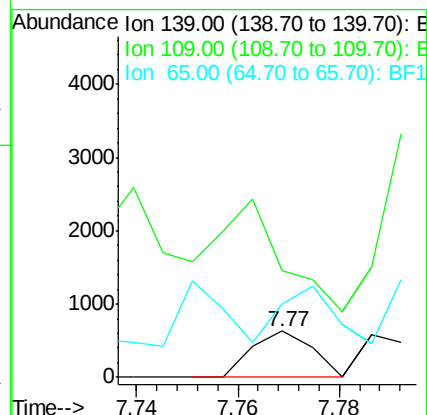
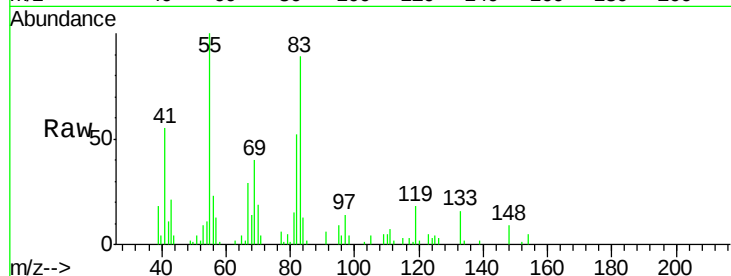
Tgt Ion:139 Resp: 514

Ion Ratio Lower Upper

139 100

109 229.6 22.7 34.1#

65 159.6 40.5 60.7#



#32

Benzoic acid

Concen: 8.584 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

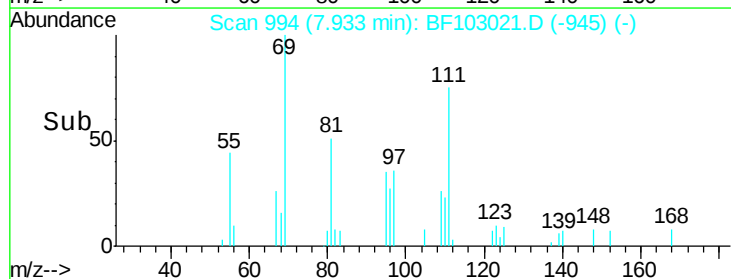
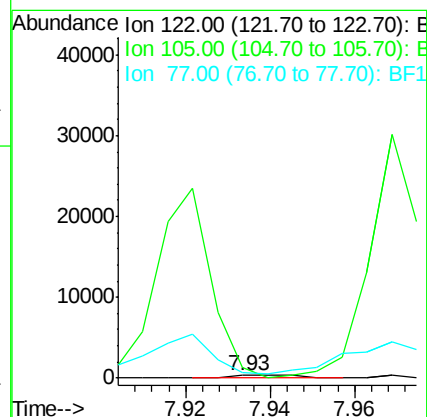
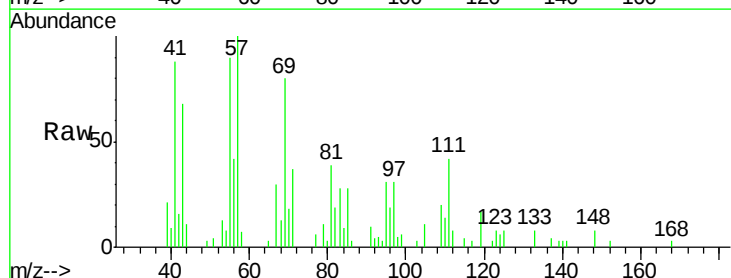
Tgt Ion:122 Resp: 337

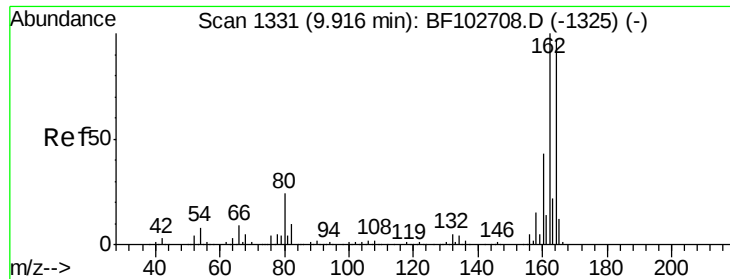
Ion Ratio Lower Upper

122 100

105 365.0 101.1 141.1#

77 200.3 70.7 110.7#

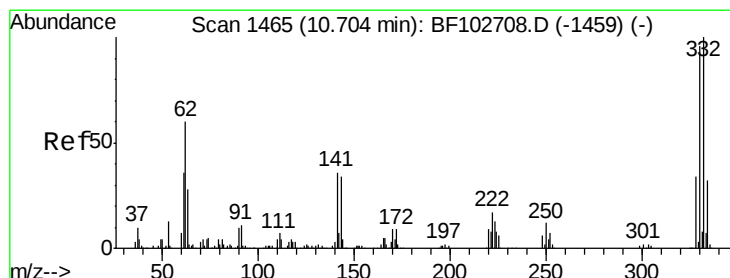
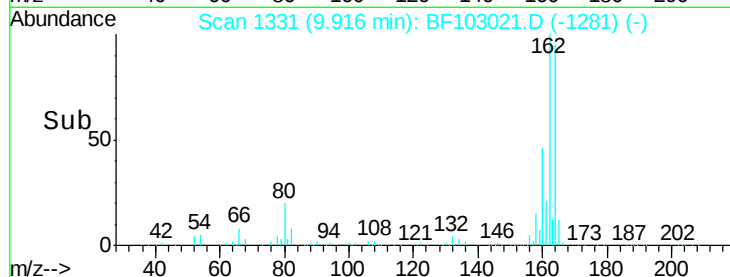
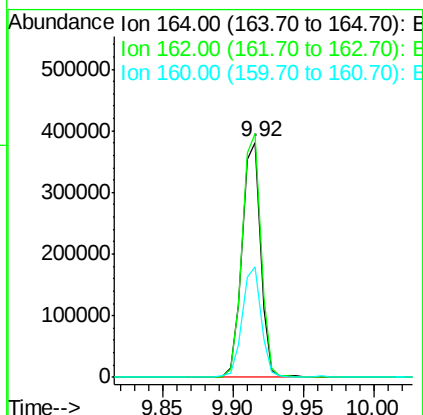
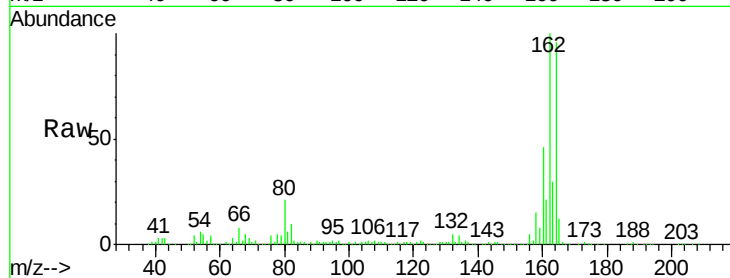




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

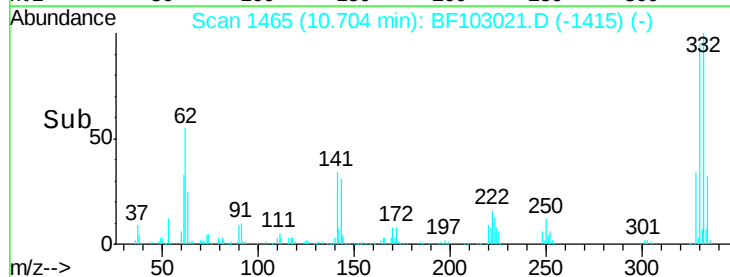
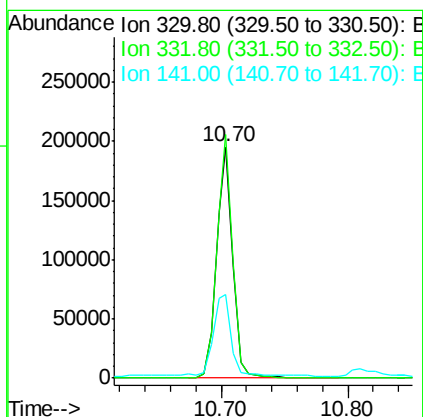
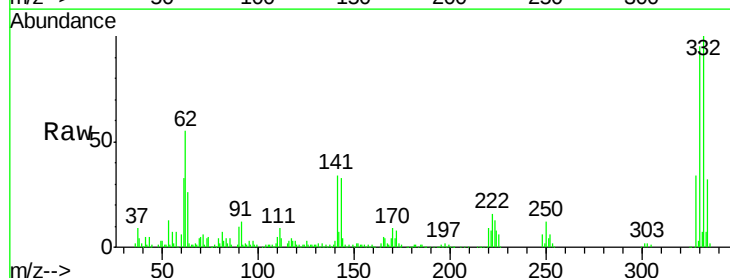
Instrument :
 BNA_F
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 HR-06-021418-B

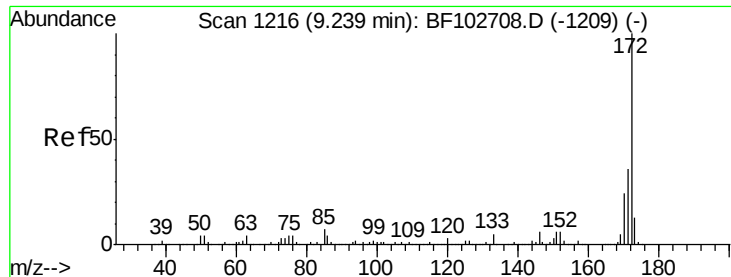
Tgt Ion:164 Resp: 351730
 Ion Ratio Lower Upper
 164 100
 162 103.7 86.1 129.1
 160 47.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 61.829 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

Tgt Ion:330 Resp: 175038
 Ion Ratio Lower Upper
 330 100
 332 102.5 77.0 115.6
 141 38.5 29.9 44.9

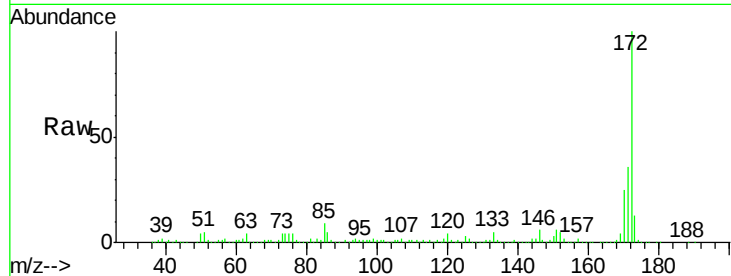




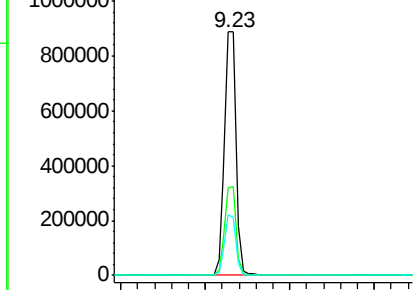
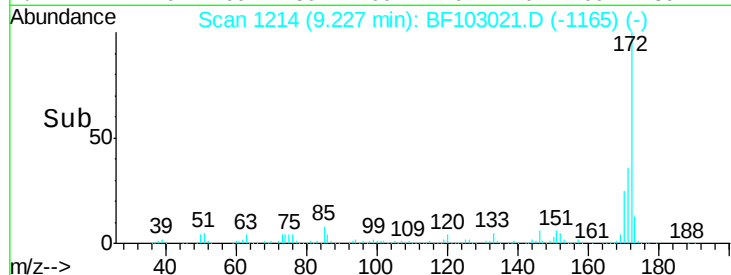
#44
 2-Fluorobiphenyl
 Concen: 40.183 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-B

Tgt Ion: 172 Resp: 851745
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 25.1 19.6 29.4

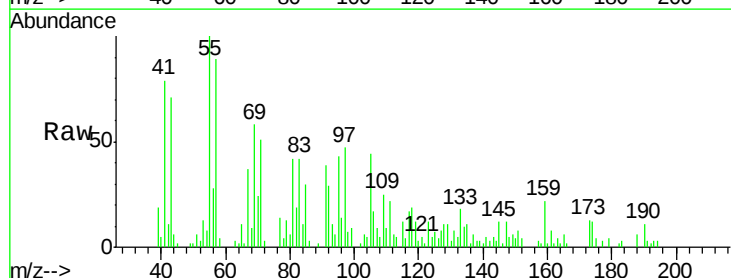


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

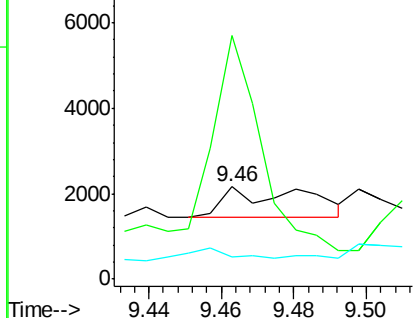
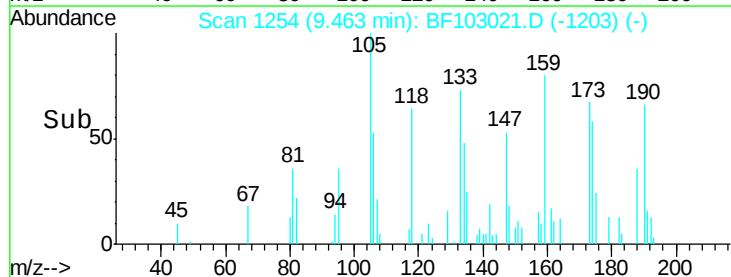


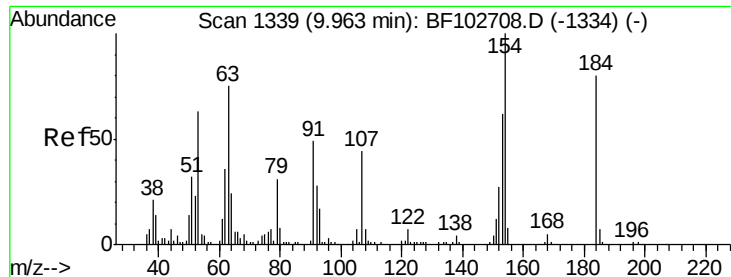
#47
 2-Nitroaniline
 Concen: 3.611 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

Tgt Ion: 65 Resp: 1074
 Ion Ratio Lower Upper
 65 100
 92 264.4 55.8 83.6#
 138 23.9 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): E

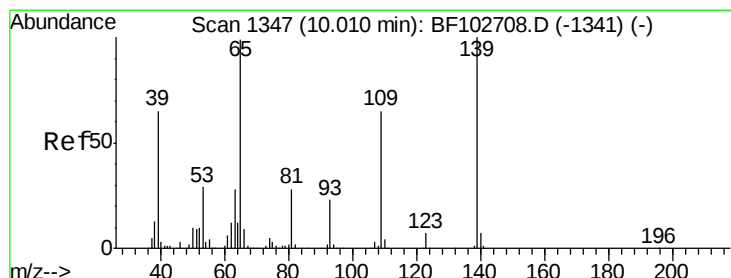
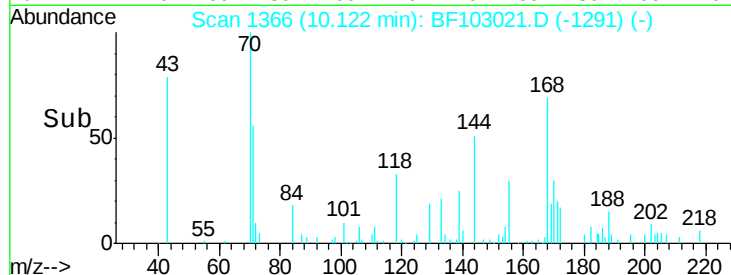
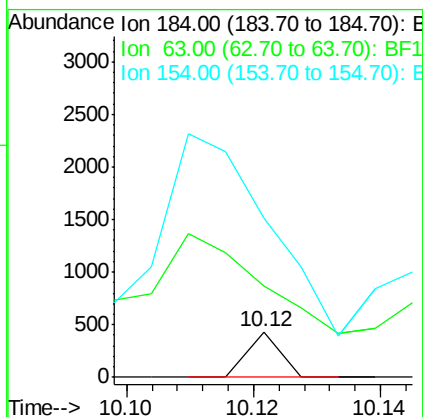
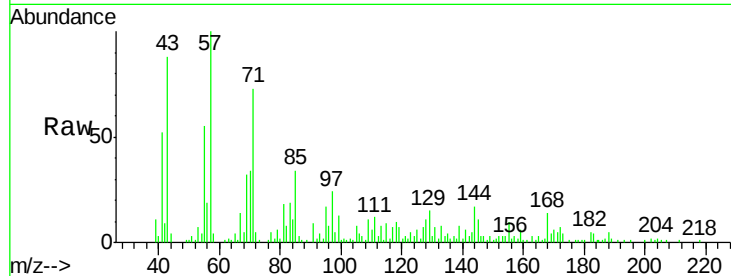




#53
2,4-Dinitrophenol
Concen: 8.083 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.14 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

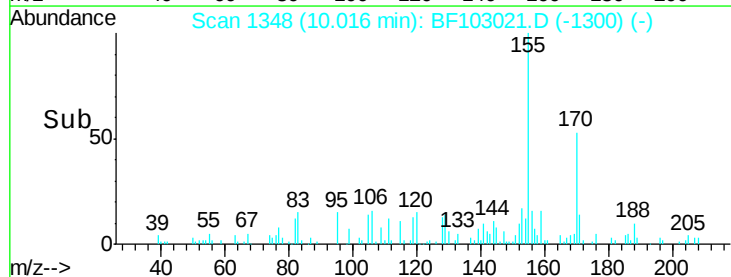
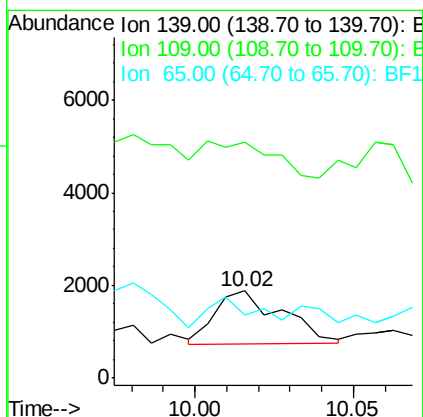
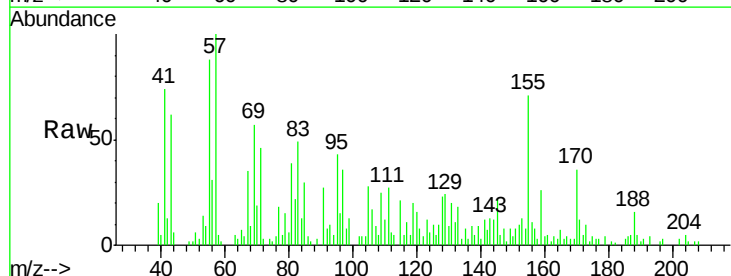
Instrument :
BNA_F
ClientSampleId :
HR-06-021418-B

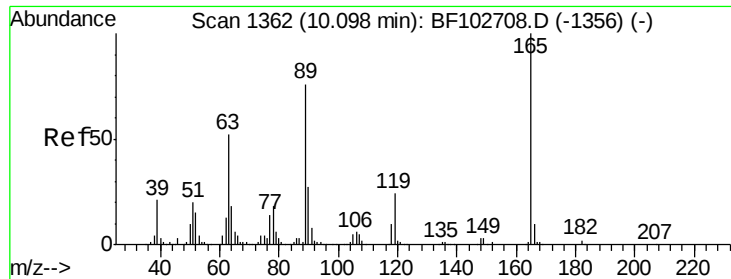
Tgt Ion:184 Resp: 152
Ion Ratio Lower Upper
184 100
63 202.1 54.2 81.2#
154 350.3 184.0 276.0#



#55
4-Nitrophenol
Concen: 4.318 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

Tgt Ion:139 Resp: 1634
Ion Ratio Lower Upper
139 100
109 270.7 48.4 88.4#
65 72.6 72.6 112.6

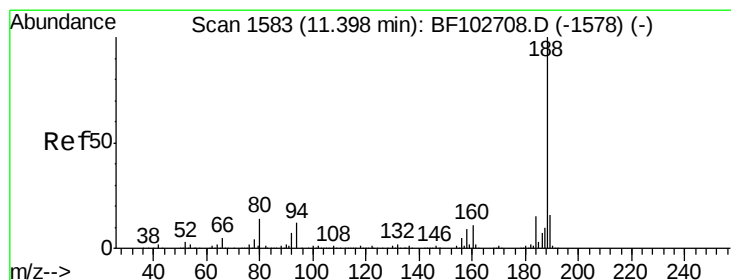
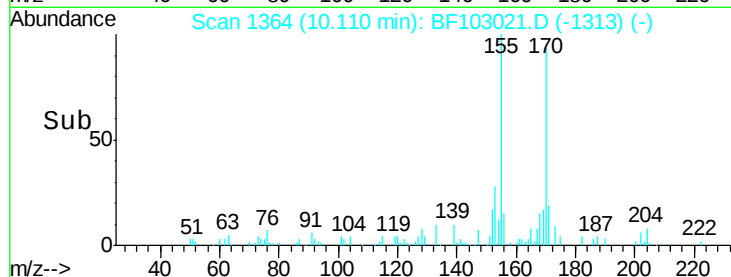
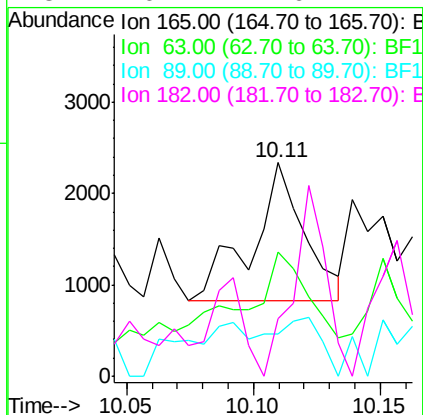
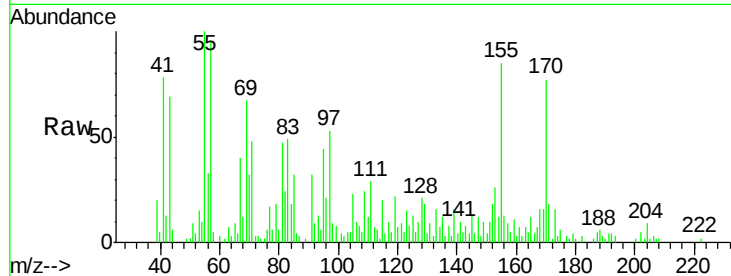




#56
2,4-Dinitrotoluene
Concen: 3.366 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

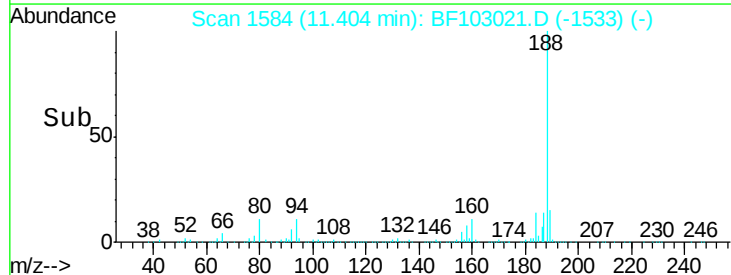
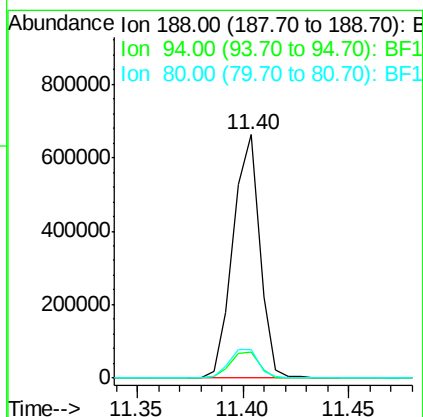
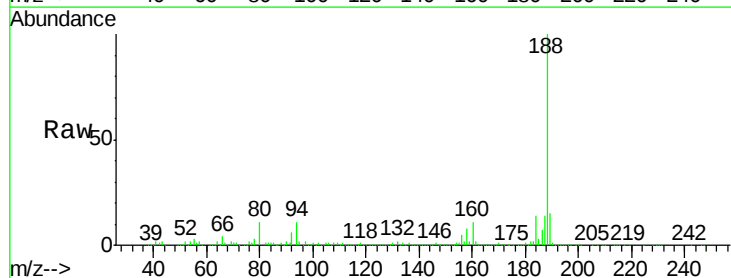
Instrument :
BNA_F
ClientSampleId :
HR-06-021418-B

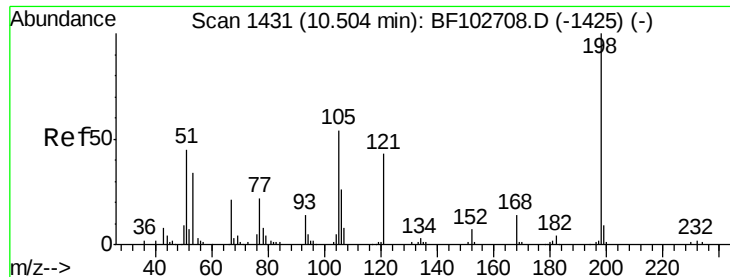
Tgt Ion:165 Resp: 2175
Ion Ratio Lower Upper
165 100
63 58.2 36.4 54.6#
89 20.0 57.8 86.6#
182 26.7 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF103021.D
Acq: 15 Feb 2018 16:54

Tgt Ion:188 Resp: 580708
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.5 9.2 13.8

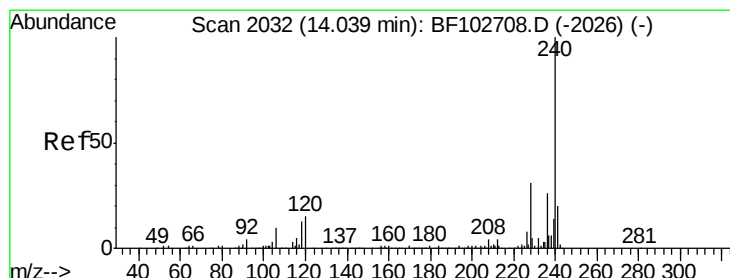
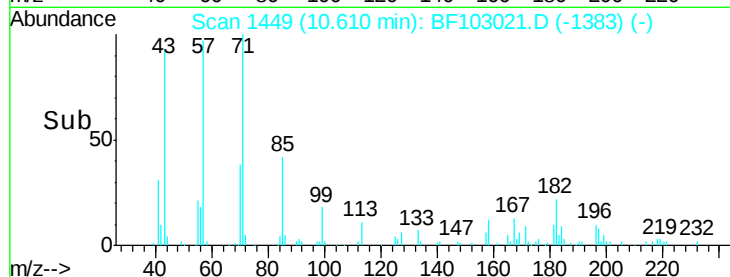
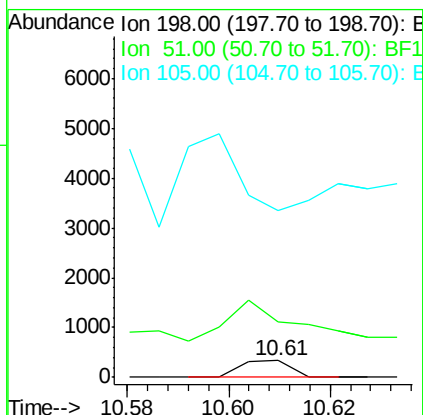
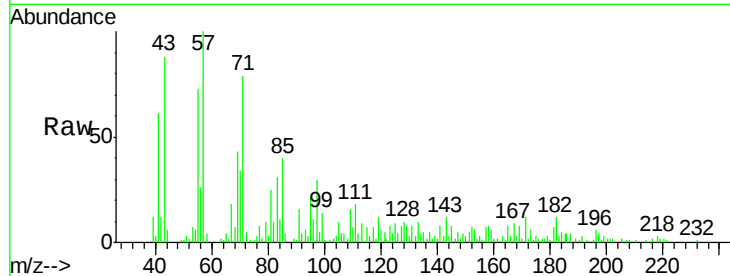




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.879 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.09 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

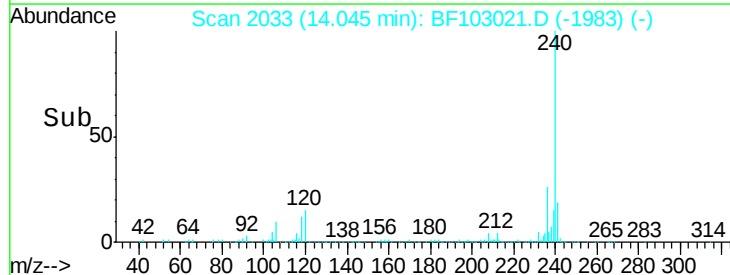
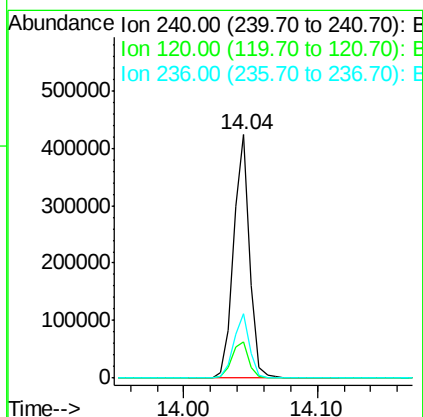
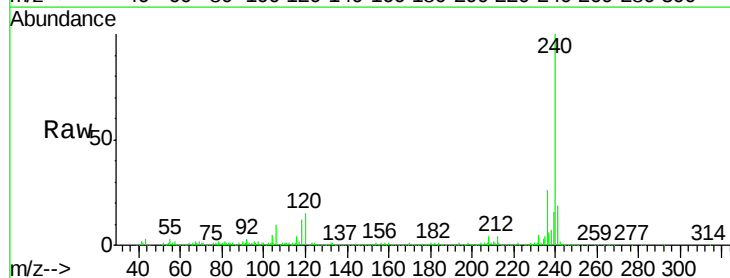
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-021418-B

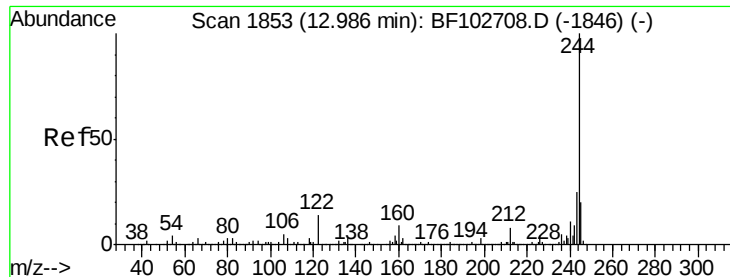
Tgt Ion:198 Resp: 227
 Ion Ratio Lower Upper
 198 100
 51 338.7 37.7 77.7#
 105 1014.2 36.3 76.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103021.D
 Acq: 15 Feb 2018 16:54

Tgt Ion:240 Resp: 356349
 Ion Ratio Lower Upper
 240 100
 120 14.9 9.5 14.3#
 236 26.3 20.7 31.1





#78

Terphenyl-d14

Concen: 41.976 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

Instrument :

BNA_F

ClientSampleId :

HR-06-021418-B

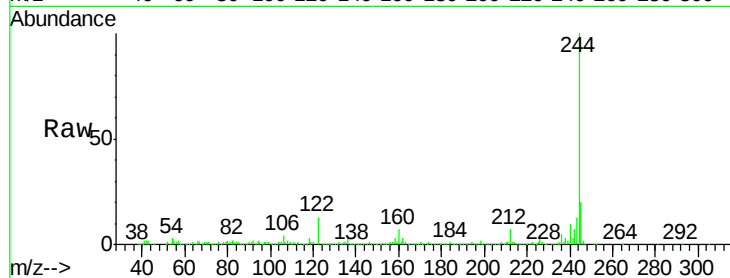
Tgt Ion:244 Resp: 631732

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

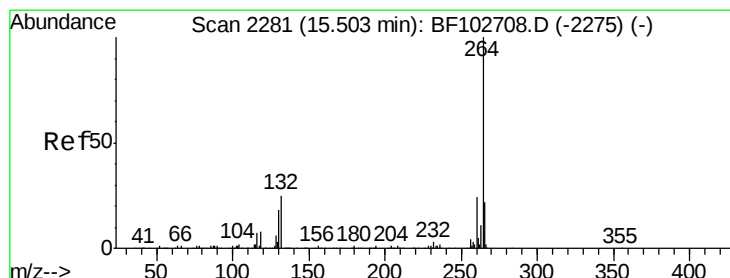
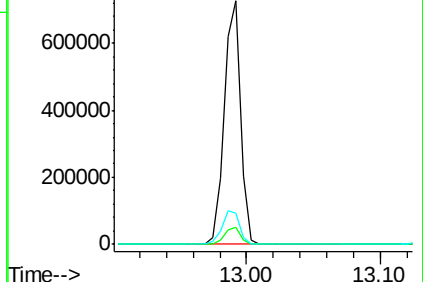
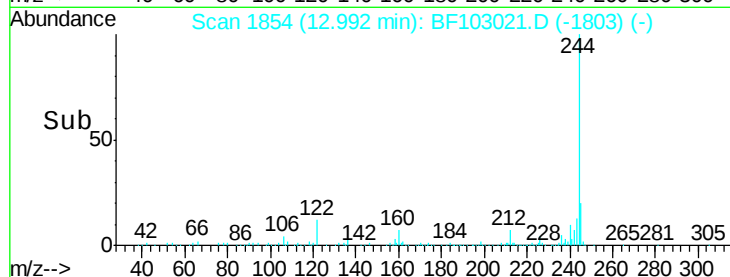
122 12.8 11.0 16.4



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: 20.000 ng

RT: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF103021.D

Acq: 15 Feb 2018 16:54

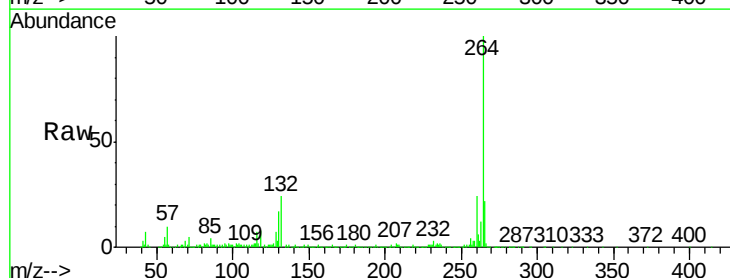
Tgt Ion:264 Resp: 366247

Ion Ratio Lower Upper

264 100

260 24.1 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

