

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF021518\
 Data File : BF103014.D
 Acq On : 15 Feb 2018 13:36
 Operator : SJ/JU
 Sample : PB106525BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB106525BL

Quant Time: Feb 15 14:16:45 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	166953	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	712511	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	325136	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	591744	20.00	ng	0.00
75) Chrysene-d12	14.04	240	499626	20.00	ng	0.00
86) Perylene-d12	15.52	264	429773	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1325753	120.60	ng	0.01
7) Phenol-d6	6.51	99	1557302	117.65	ng	0.00
23) Nitrobenzene-d5	7.44	82	1028088	100.10	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	342522	130.89	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1657463	84.59	ng	0.00
78) Terphenyl-d14	12.99	244	1637292	77.59	ng	0.00

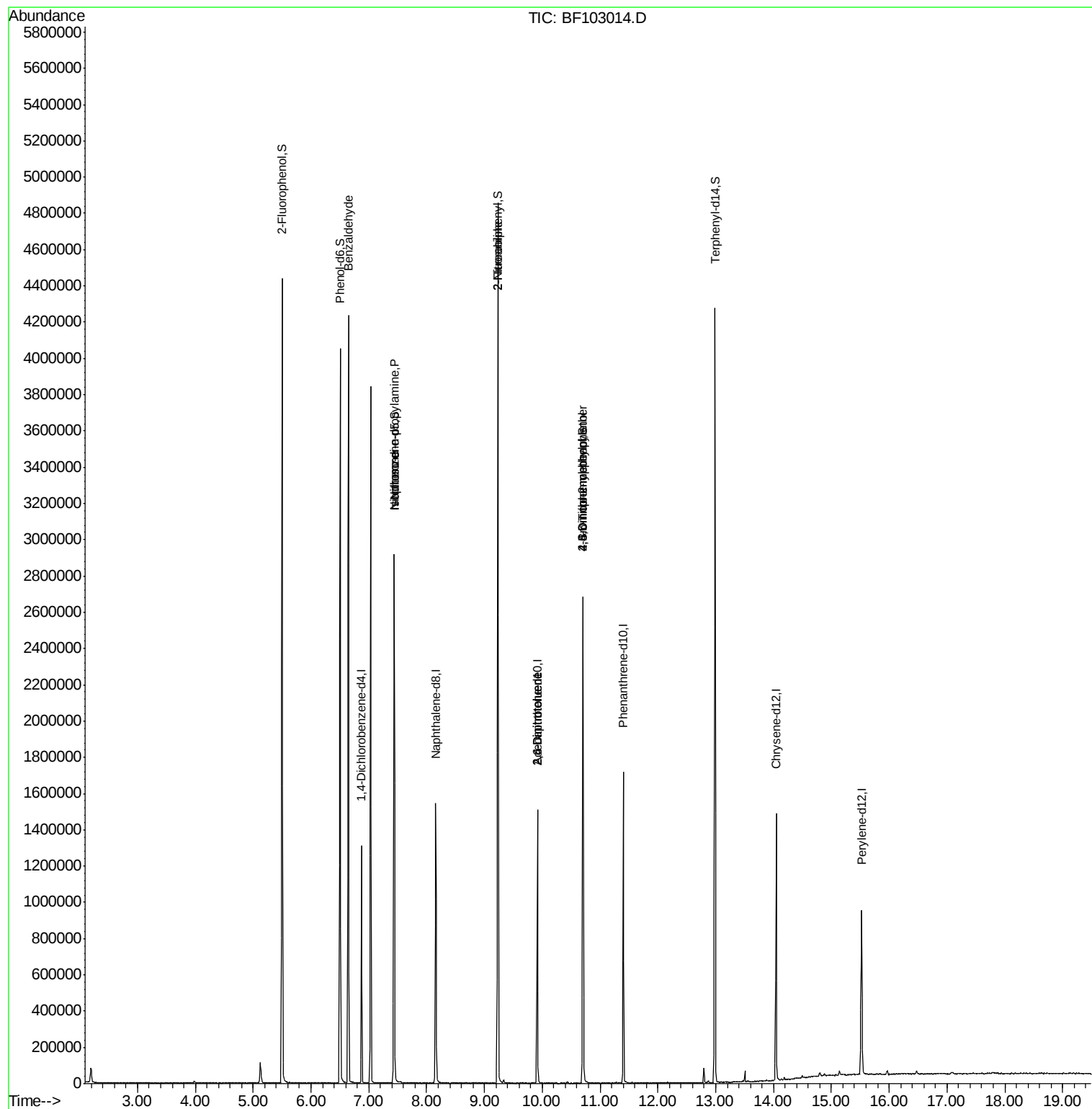
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.65	77	28833	2.933	ng	83
19) n-Nitroso-di-n-propylamine	7.44	70	133908	15.344	ng	# 80
25) Isophorone	7.44	82	1028081	43.469	ng	# 64
47) 2-Nitroaniline	9.23	65	3146	3.911	ng	# 1
50) 2,6-Dinitrotoluene	9.91	165	40421	8.381	ng	# 25
56) 2,4-Dinitrotoluene	9.91	165	40421	8.924	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	720	9.063	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	22382	3.576	ng	# 1

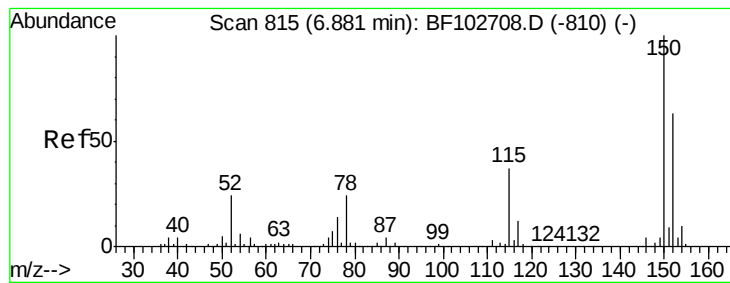
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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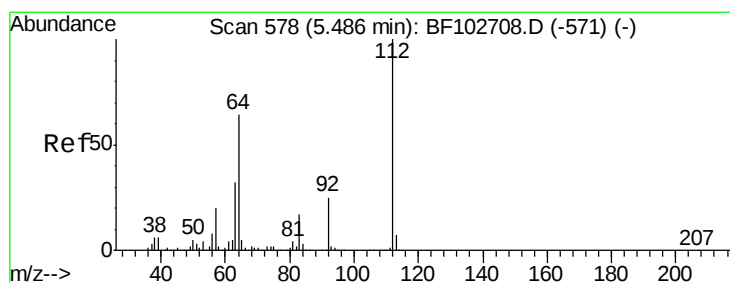
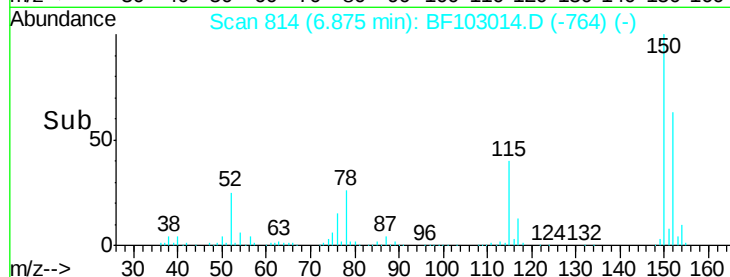
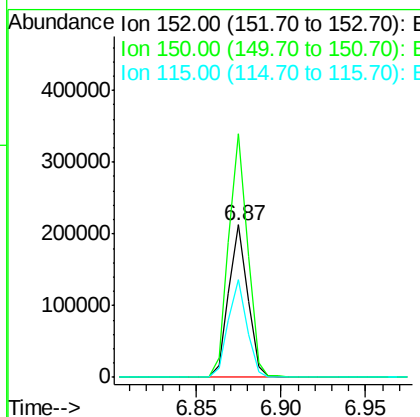
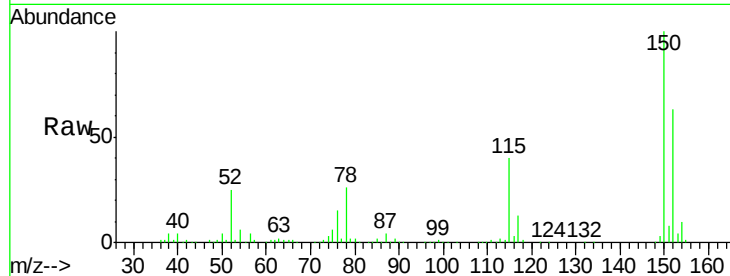


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB106525BL

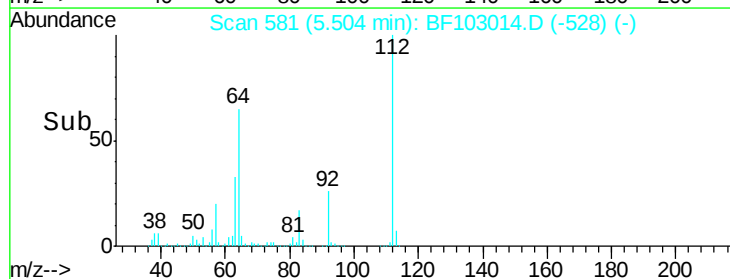
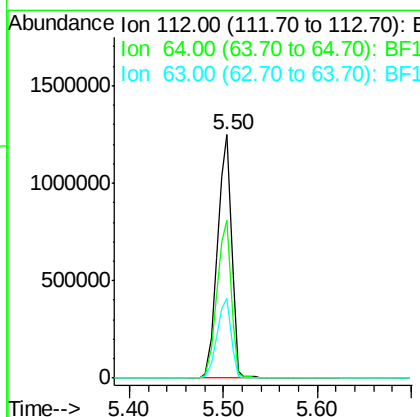
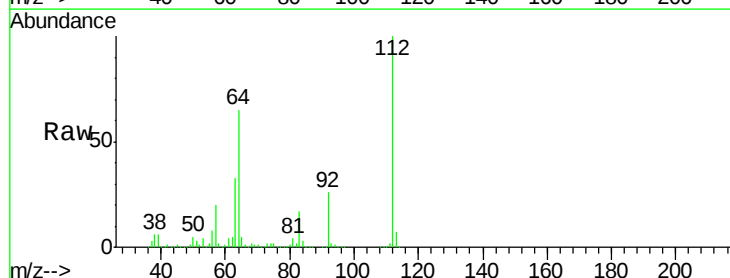
Tgt Ion:152 Resp: 166953
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 64.3 50.1 75.1



#5

2-Fluorophenol
Concen: 120.595 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Tgt Ion:112 Resp: 1325753
Ion Ratio Lower Upper
112 100
64 64.8 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 117.650 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF103014.D

Acq: 15 Feb 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB106525BL

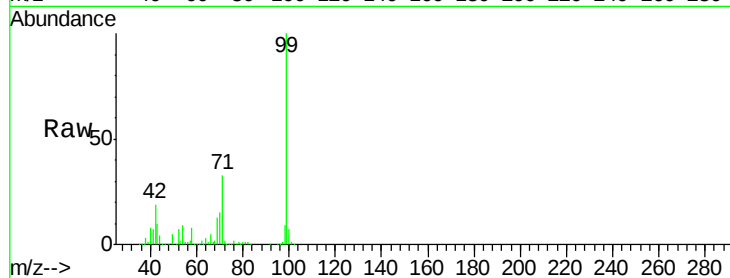
Tgt Ion: 99 Resp: 1557302

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

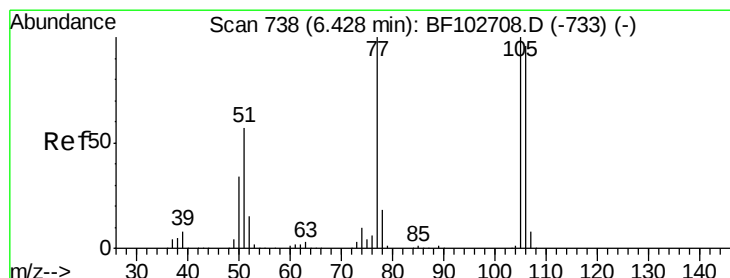
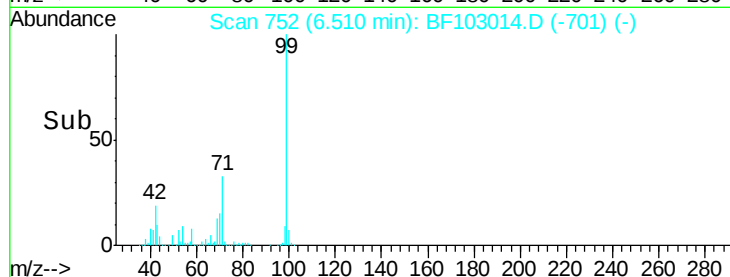
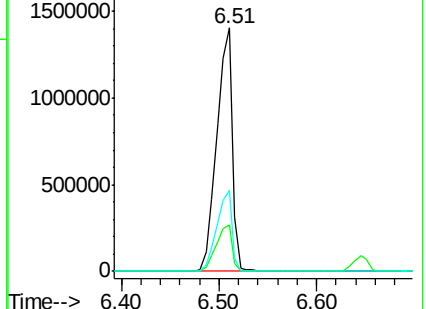
71 33.4 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.933 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.21 min

Lab File: BF103014.D

Acq: 15 Feb 2018 13:36

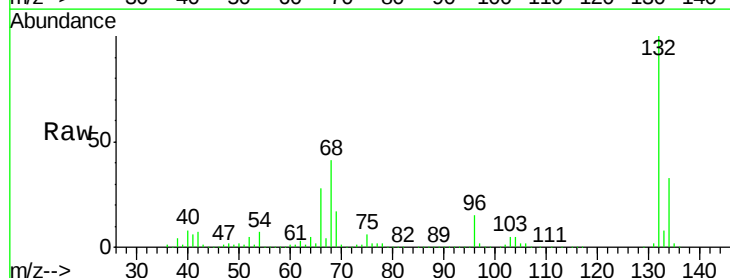
Tgt Ion: 77 Resp: 28833

Ion Ratio Lower Upper

77 100

105 82.1 81.1 121.1

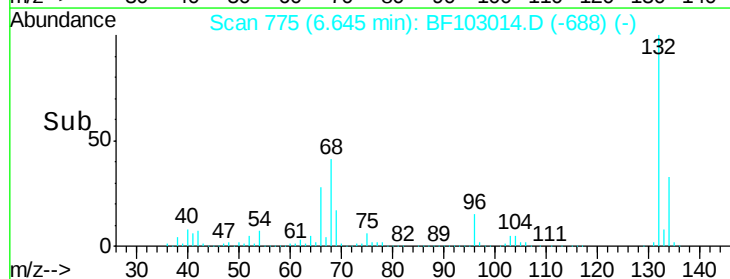
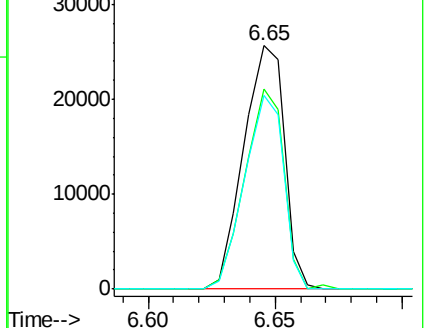
106 79.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

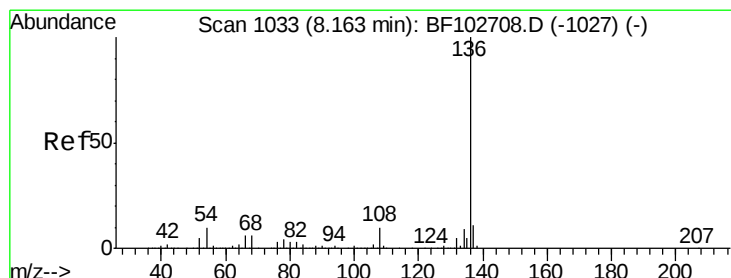
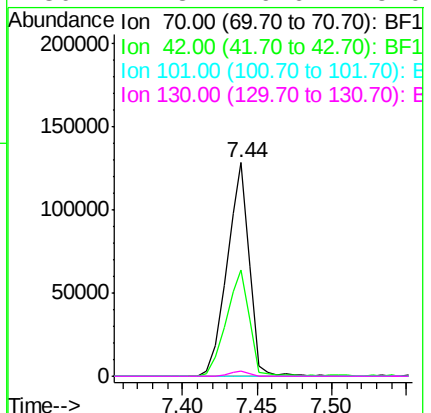
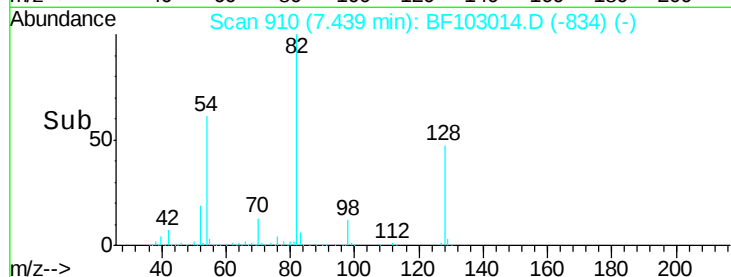
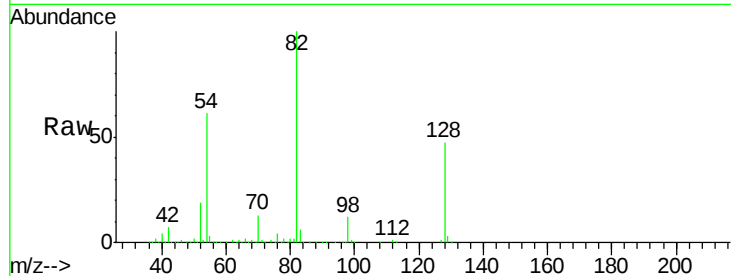




#19
n-Nitroso-di-n-propylamine
Concen: 15.344 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.15 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

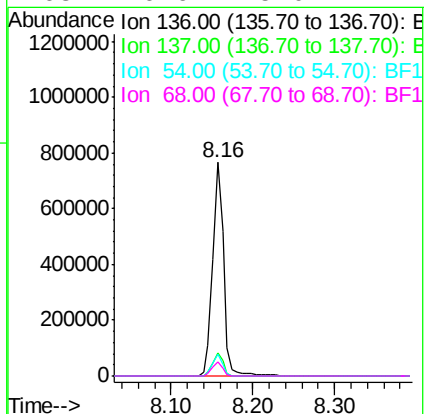
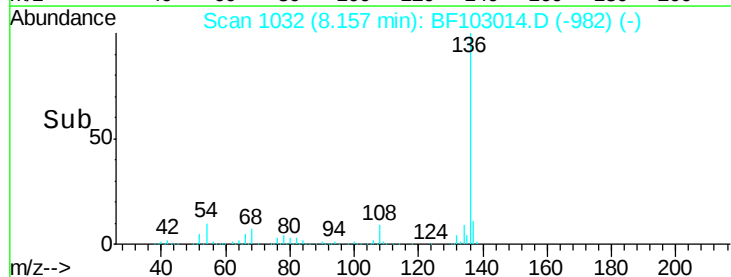
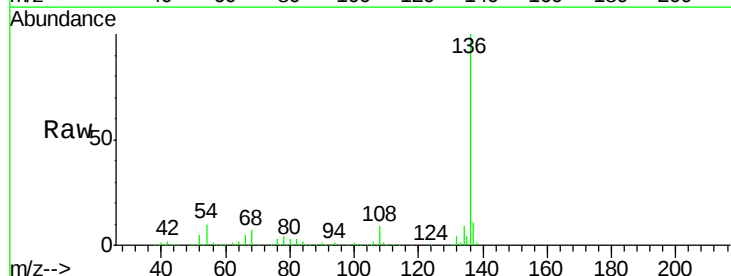
Instrument :
BNA_F
ClientSampleId :
PB106525BL

Tgt Ion: 70 Resp: 133908
Ion Ratio Lower Upper
70 100
42 50.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Tgt Ion: 136 Resp: 712511
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.1 6.6 9.8#
68 6.6 5.0 7.4

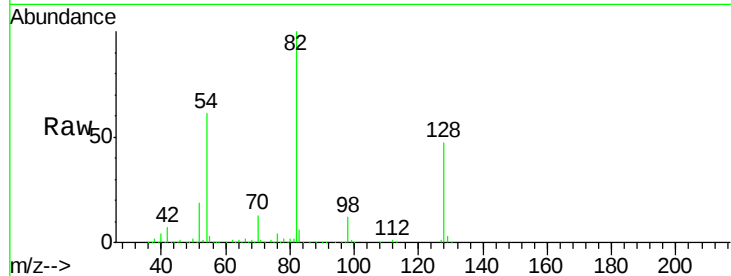




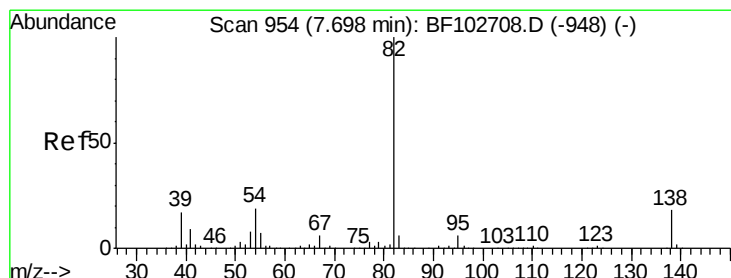
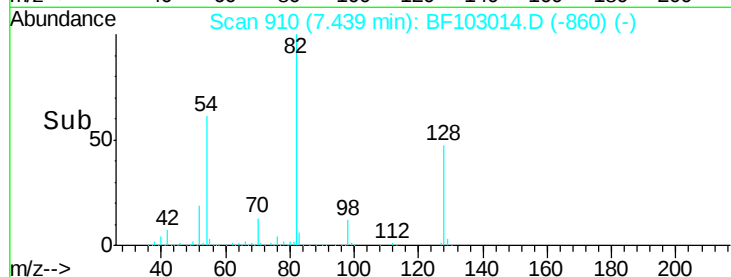
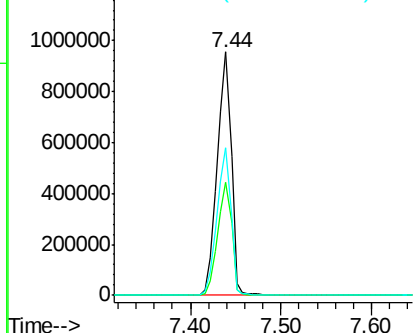
#23
Nitrobenzene-d5
Concen: 100.095 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB106525BL

Tgt Ion: 82 Resp: 1028088
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 60.6 41.4 62.2

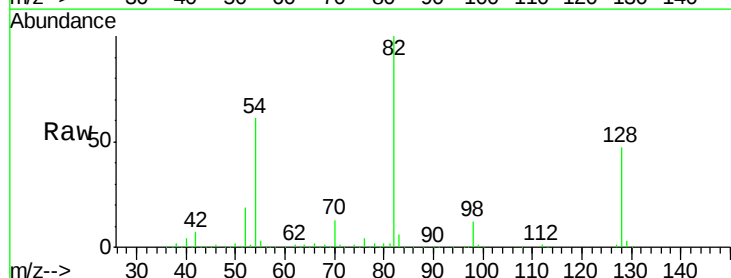


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

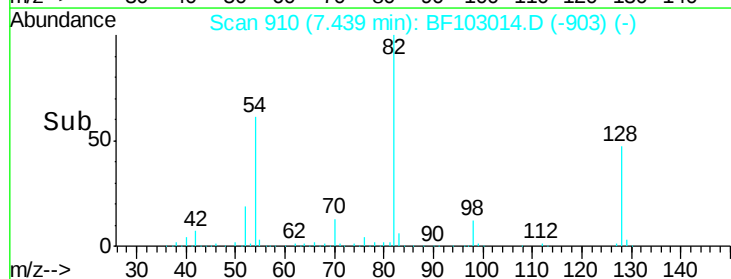
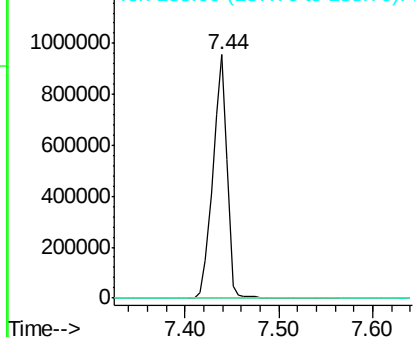


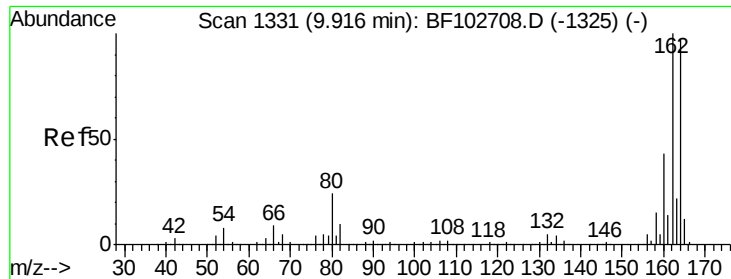
#25
Isophorone
Concen: 43.469 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Tgt Ion: 82 Resp: 1028081
Ion Ratio Lower Upper
82 100
95 0.0 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

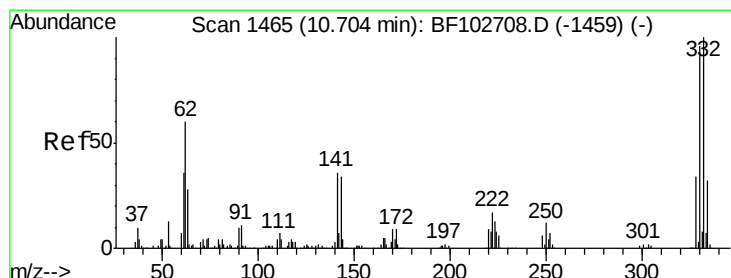
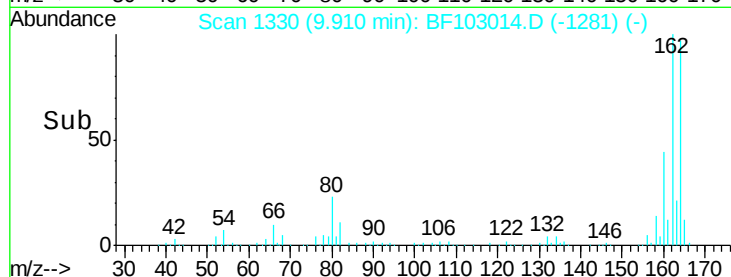
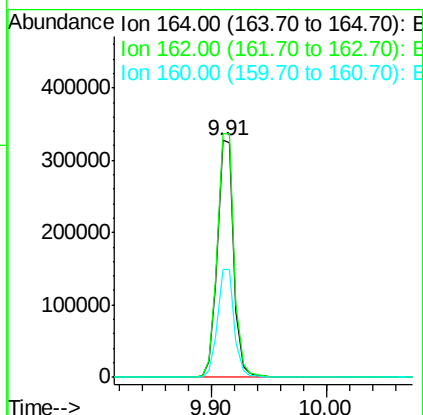
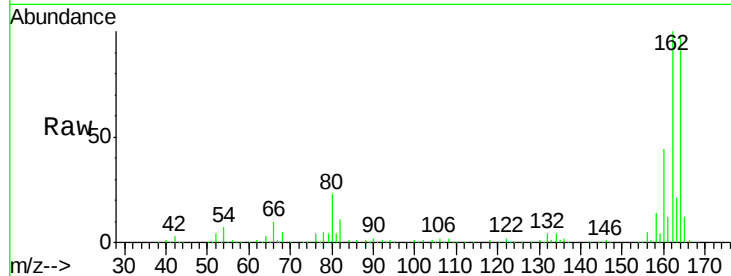




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

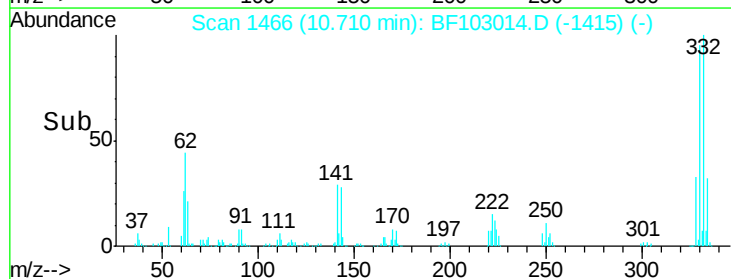
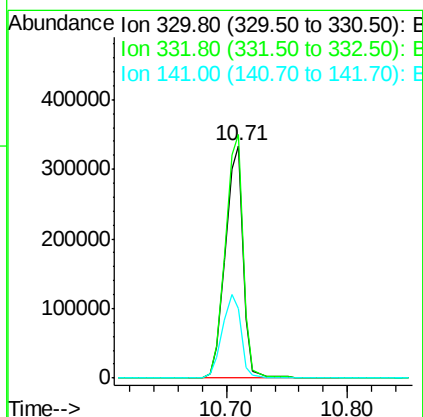
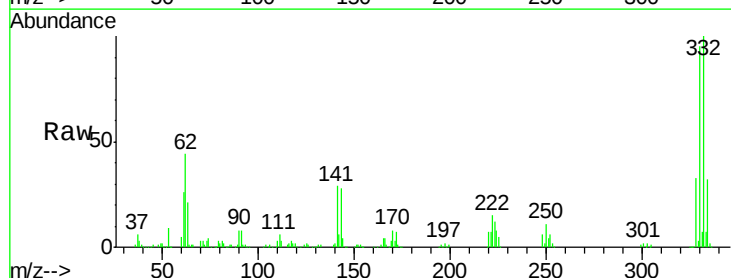
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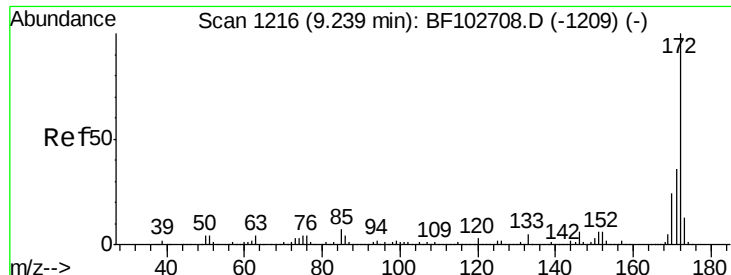
Tgt Ion:164 Resp: 325136
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 45.6 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 130.885 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

Tgt Ion:330 Resp: 342522
 Ion Ratio Lower Upper
 330 100
 332 105.4 77.0 115.6
 141 37.8 29.9 44.9

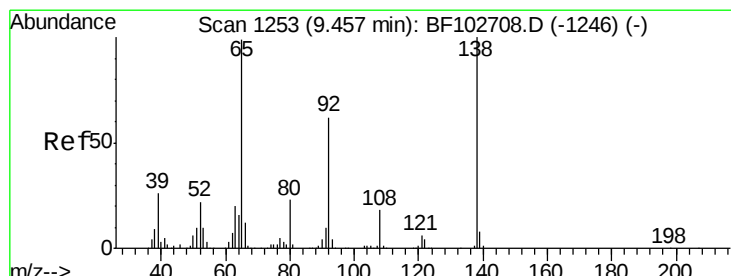
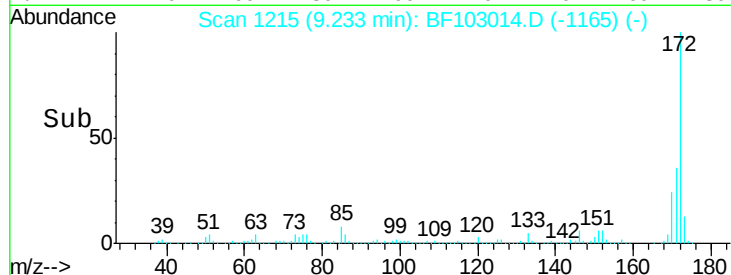
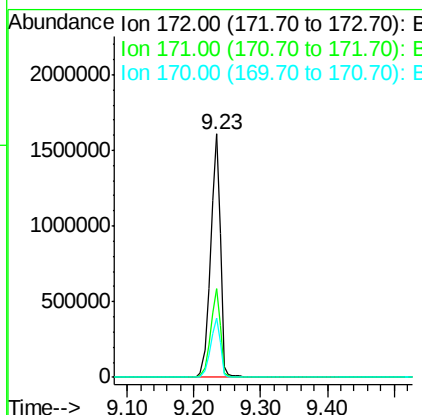
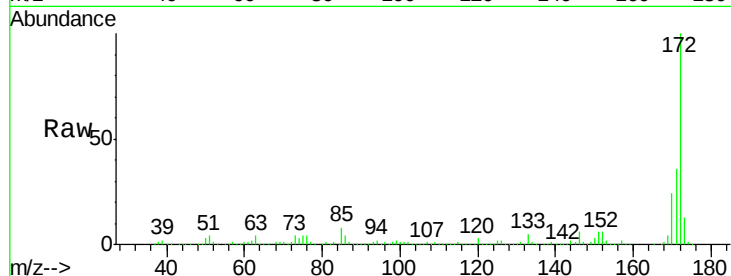




#44
 2-Fluorobiphenyl
 Concen: 84.590 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

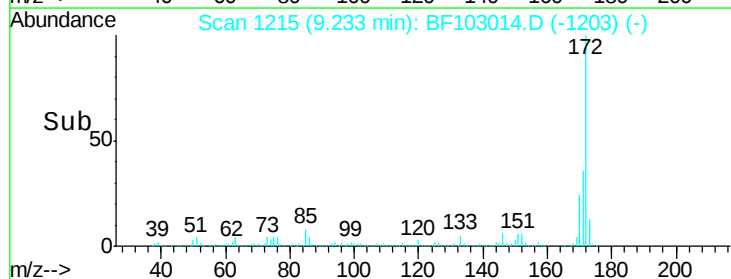
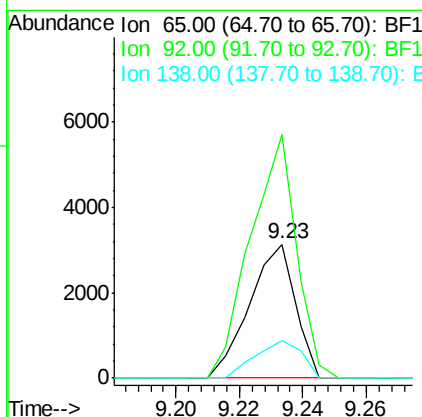
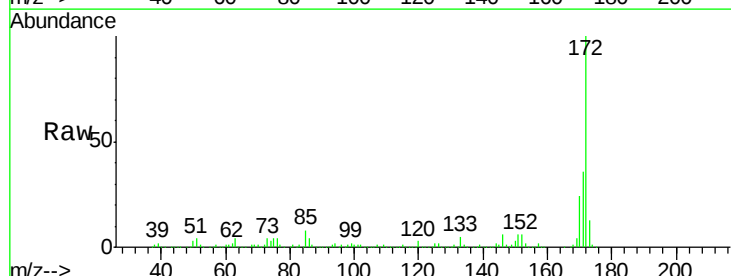
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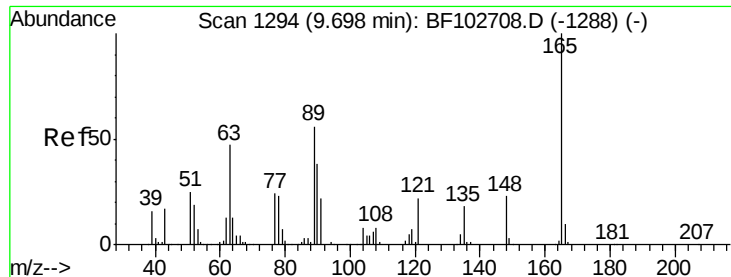
Tgt Ion: 172 Resp: 1657463
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4



#47
 2-Nitroaniline
 Concen: 3.911 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.23 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

Tgt Ion: 65 Resp: 3146
 Ion Ratio Lower Upper
 65 100
 92 182.1 55.8 83.6#
 138 27.9 91.2 136.8#

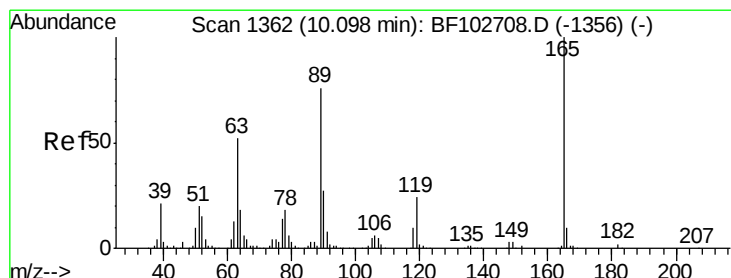
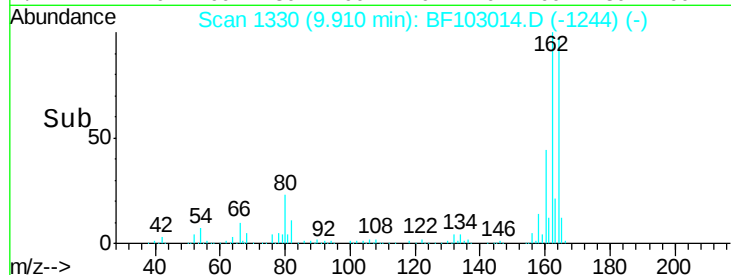
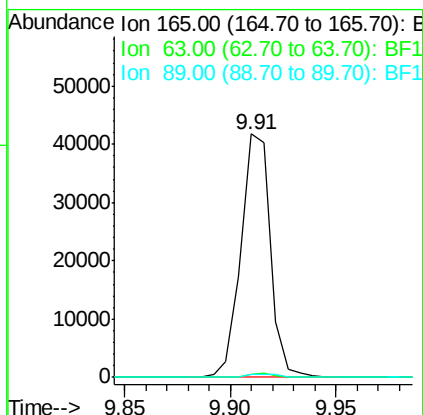
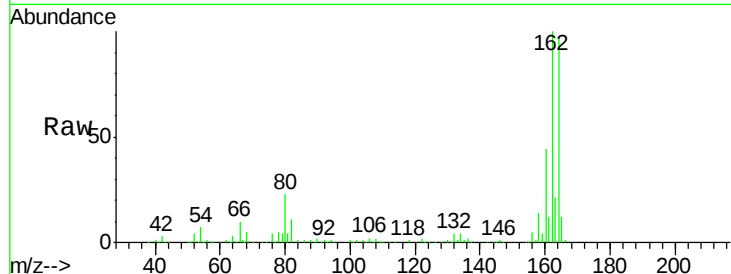




#50
 2,6-Dinitrotoluene
 Concen: 8.381 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

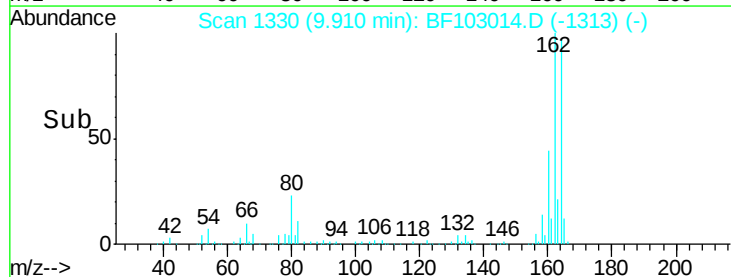
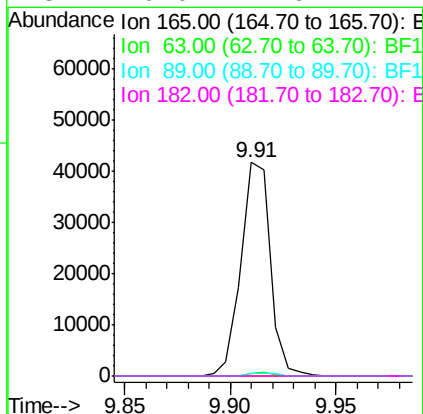
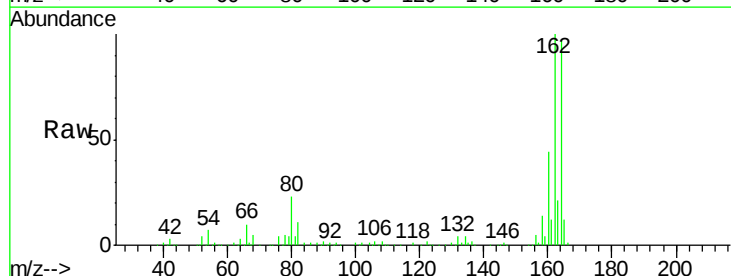
Instrument :
 BNA_F
 ClientSampleId :
 PB106525BL

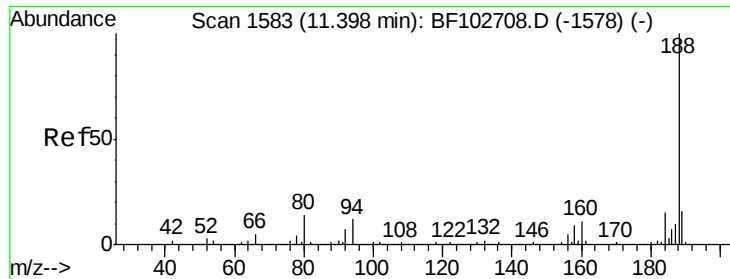
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 8.924 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

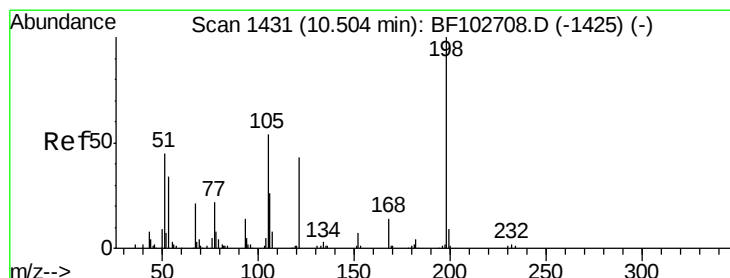
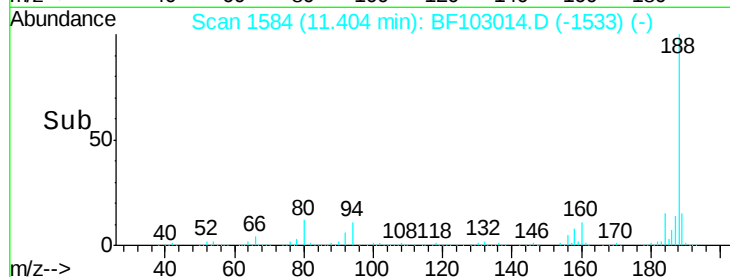
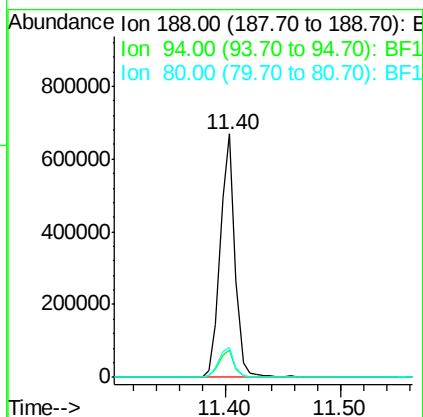
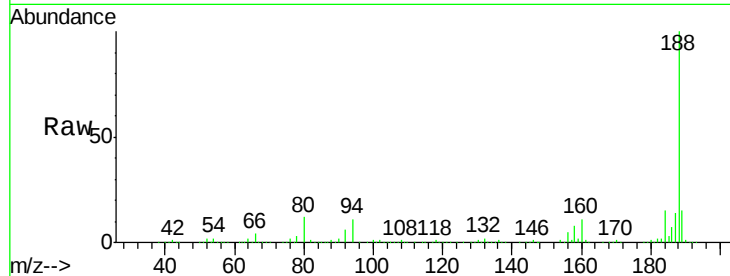




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

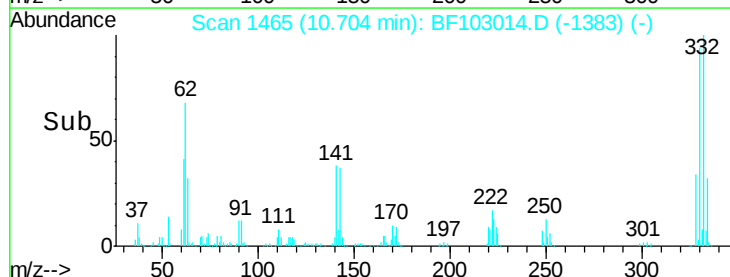
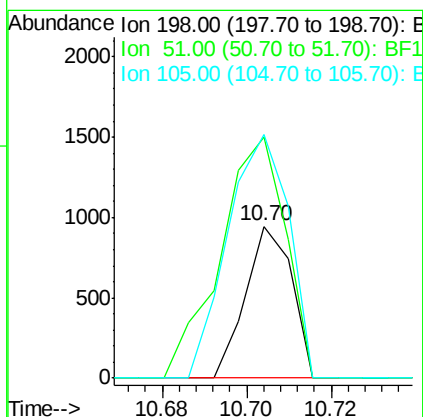
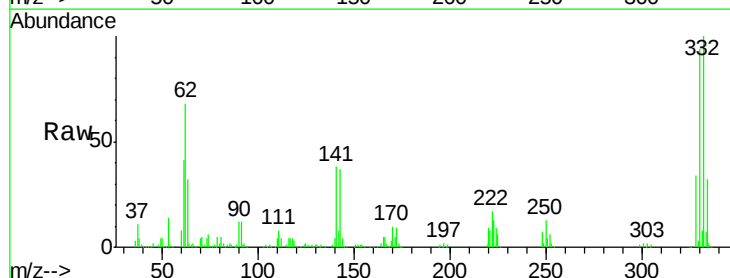
Instrument :
 BNA_F
 ClientSampleId :
 PB106525BL

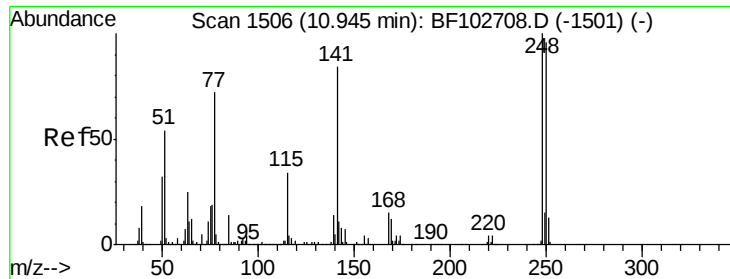
Tgt Ion:188 Resp: 591744
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.063 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.18 min
 Lab File: BF103014.D
 Acq: 15 Feb 2018 13:36

Tgt Ion:198 Resp: 720
 Ion Ratio Lower Upper
 198 100
 51 158.5 37.7 77.7#
 105 160.3 36.3 76.3#

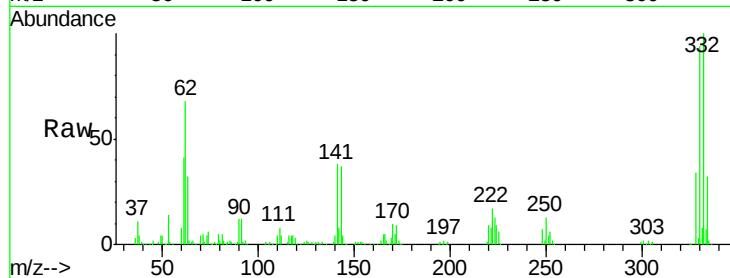




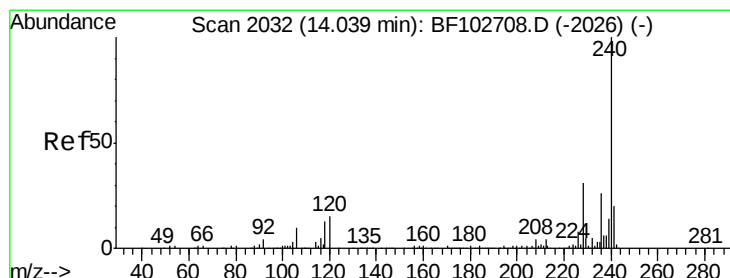
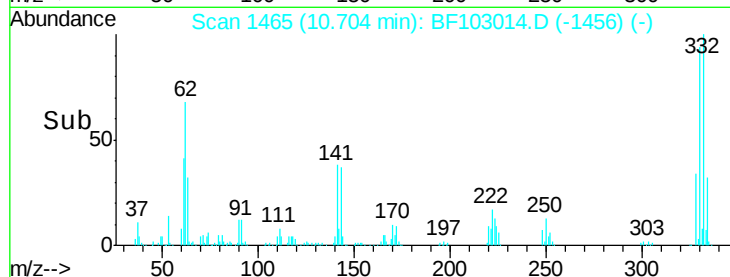
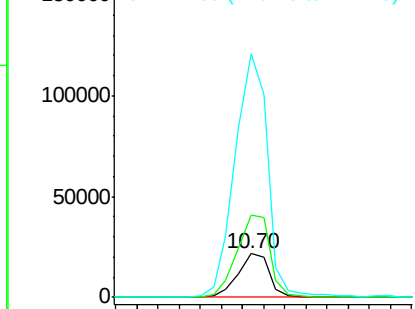
#66
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Instrument :
BNA_F
ClientSampleId :
PB106525BL

Tgt Ion:248 Resp: 22382
Ion Ratio Lower Upper
248 100
250 188.0 76.9 115.3#
141 557.9 74.4 111.6#

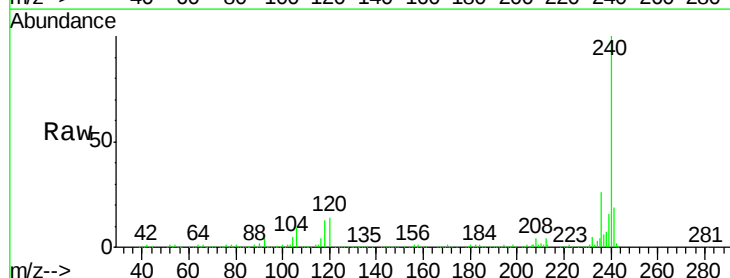


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

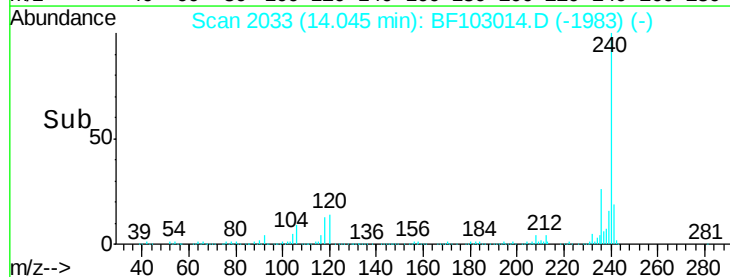
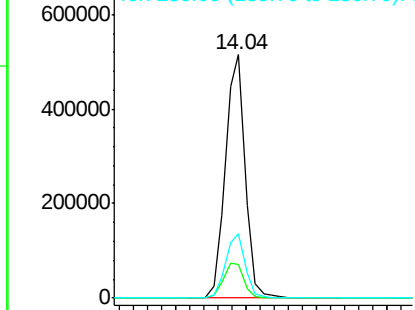


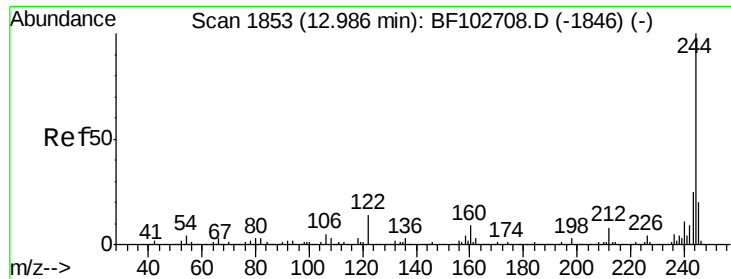
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF103014.D
Acq: 15 Feb 2018 13:36

Tgt Ion:240 Resp: 499626
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.3 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: 77.593 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103014.D

Acq: 15 Feb 2018 13:36

Instrument :

BNA_F

ClientSampleId :

PB106525BL

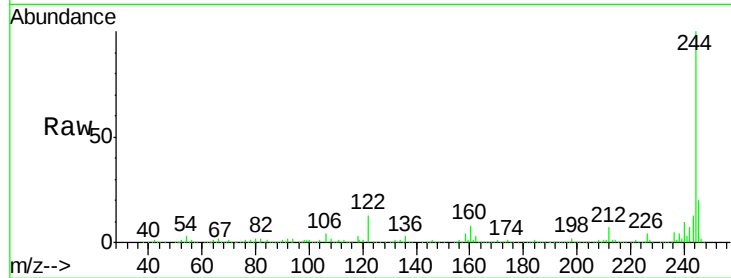
Tgt Ion:244 Resp: 1637292

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

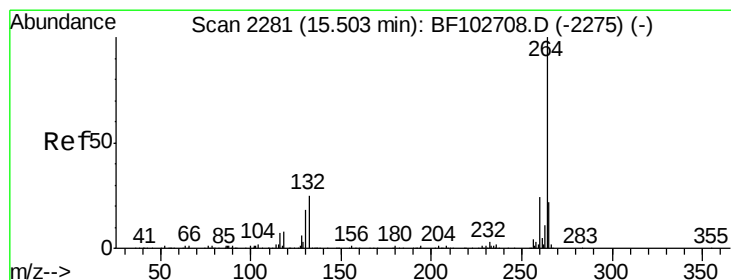
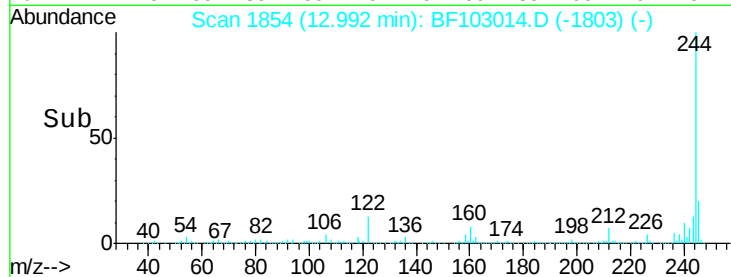
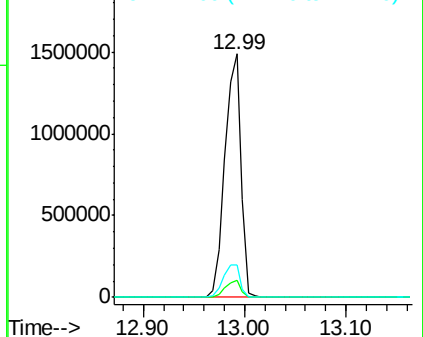
122 13.3 11.0 16.4



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: BF103014.D

Acq: 15 Feb 2018 13:36

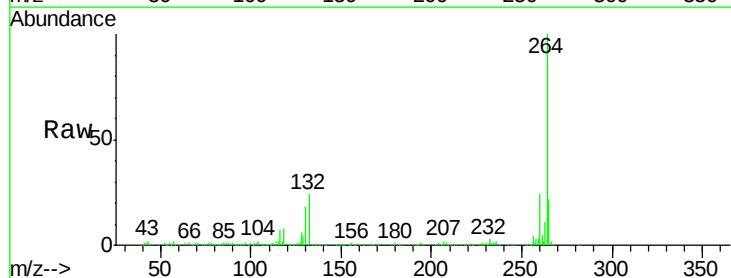
Tgt Ion:264 Resp: 429773

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.3 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

