

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102975.D
 Acq On : 13 Feb 2018 21:22
 Operator : SJ/JU
 Sample : PB106515BL
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 00:12:27 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 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151734	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	594960	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	226632	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	358598	20.00	ng	0.00
75) Chrysene-d12	14.04	240	300134	20.00	ng	0.00
86) Perylene-d12	15.52	264	218126	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	888337	88.91	ng	0.00
7) Phenol-d6	6.50	99	1032294	85.81	ng	0.00
23) Nitrobenzene-d5	7.44	82	623384	72.68	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	164265	90.05	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1007707	73.78	ng	0.00
78) Terphenyl-d14	12.98	244	858321	67.71	ng	0.00

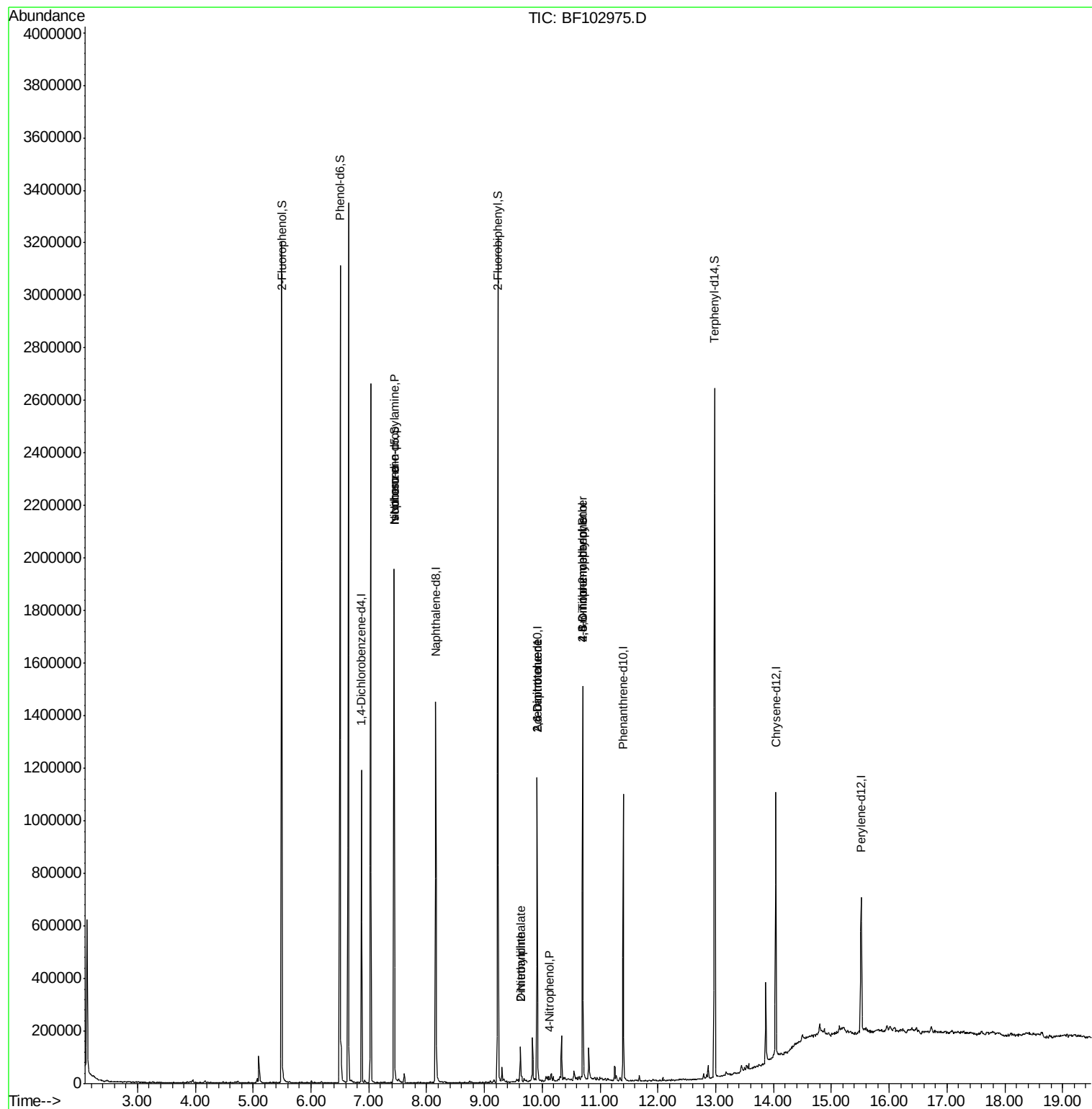
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.44	70	82531	10.41	ng	# 79
25) Isophorone	7.44	82	623375	31.57	ng	# 64
47) 2-Nitroaniline	9.62	65	442	3.56	ng	# 1
49) Dimethylphthalate	9.62	163	39629	2.24	ng	100
50) 2,6-Dinitrotoluene	9.91	165	29272	8.71	ng	# 26
55) 4-Nitrophenol	10.13	139	115	4.06	ng	# 9
56) 2,4-Dinitrotoluene	9.91	165	29272	9.15	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.70	198	275	8.96	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	11025	2.91	ng	# 1

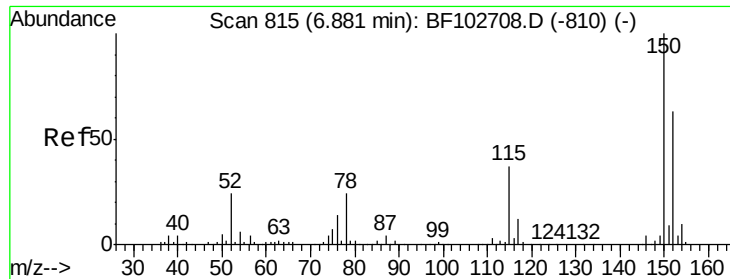
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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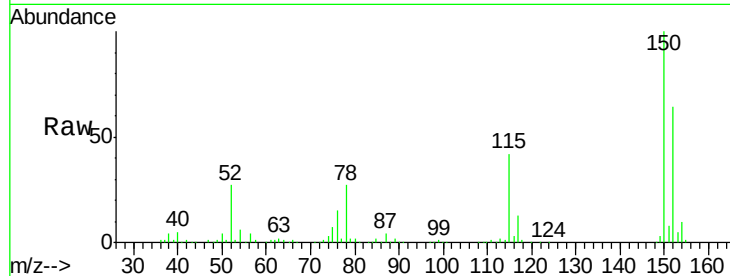


#1

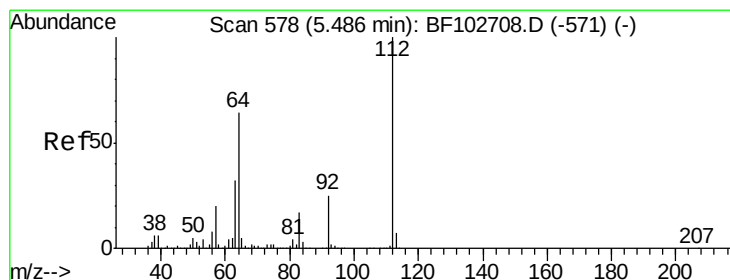
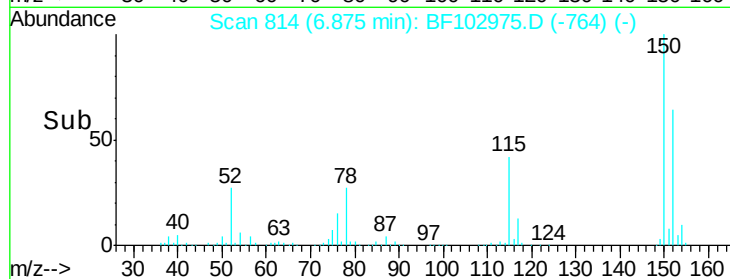
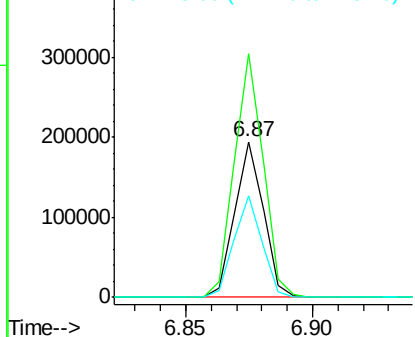
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 151734
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 64.9 50.1 75.1



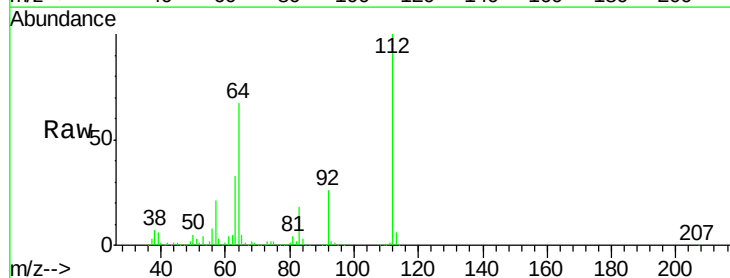
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



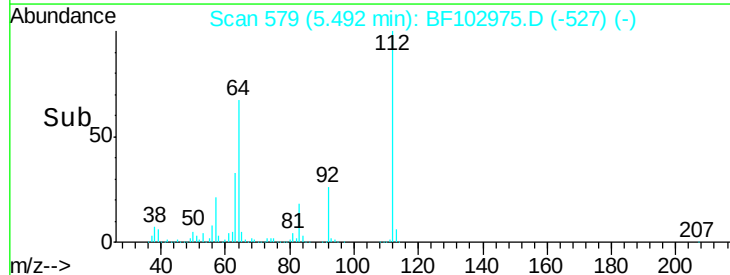
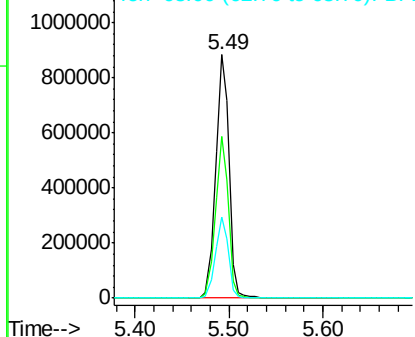
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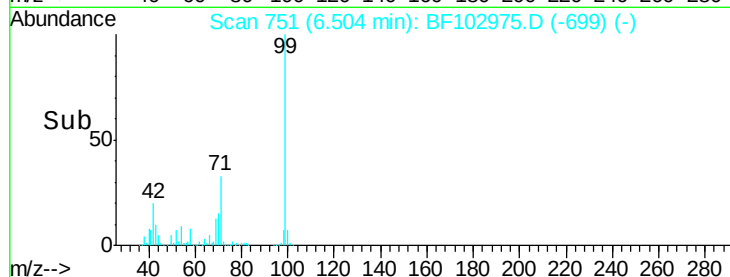
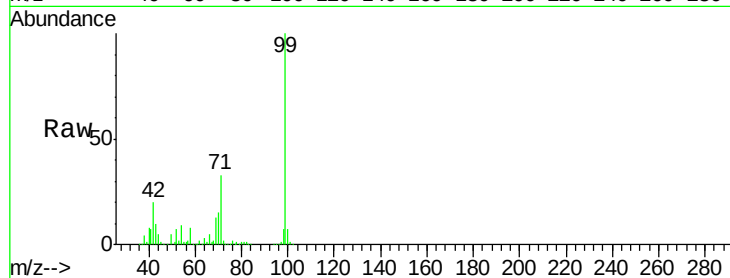
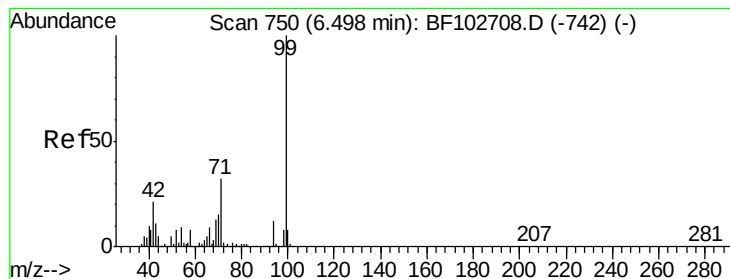
2-Fluorophenol
Concen: 88.91 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Tgt Ion:112 Resp: 888337
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 33.5 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: 85.81 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampled :

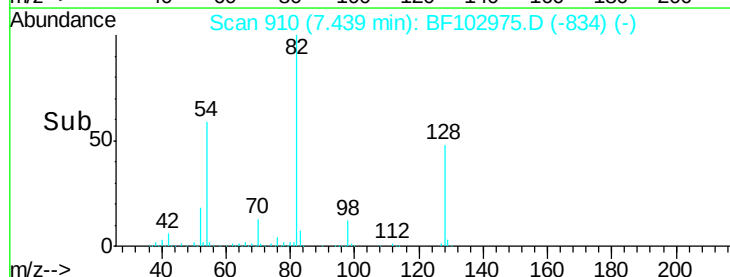
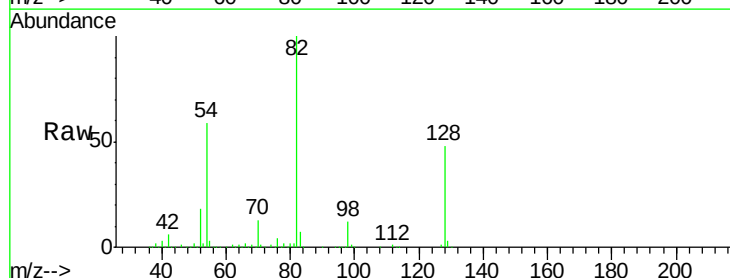
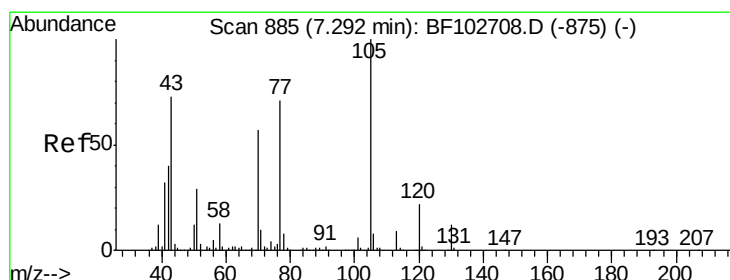
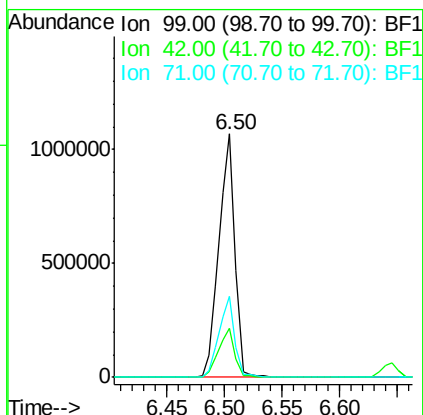
Tot Ion: 99 Resp: 1032294

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.41 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Tgt Ion: 70 Resp: 82531

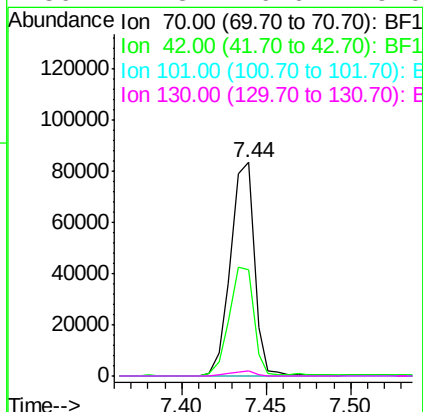
Ion Ratio Lower Upper

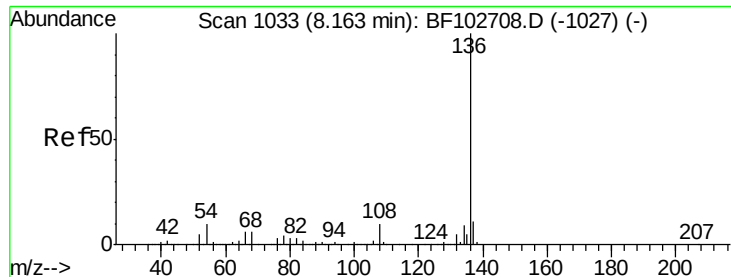
70 100

42 49.5 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

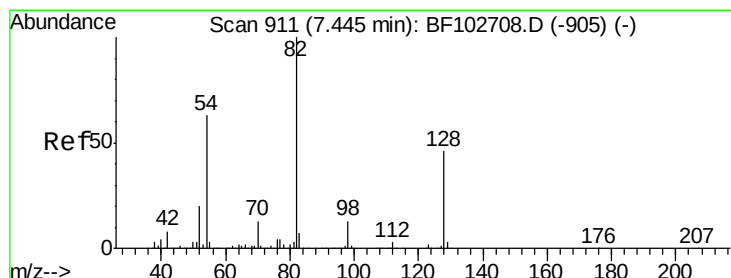
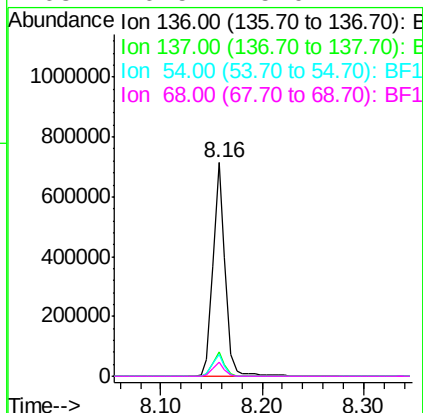
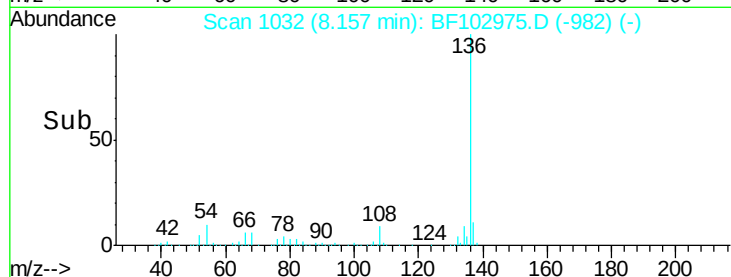
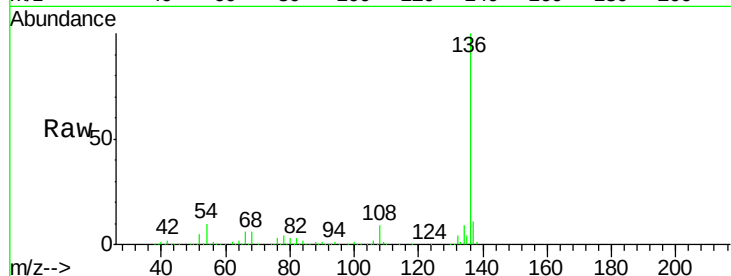




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

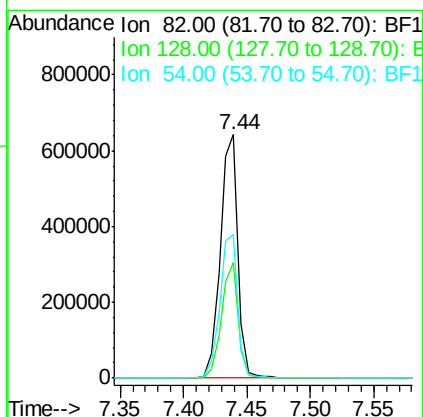
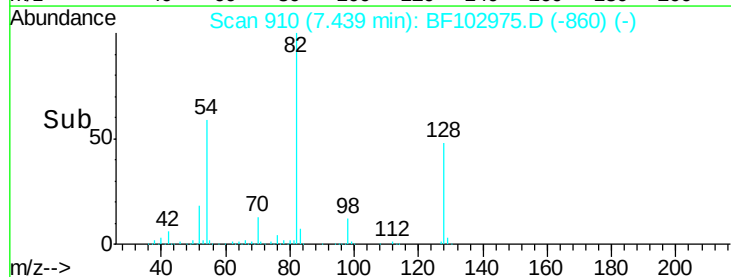
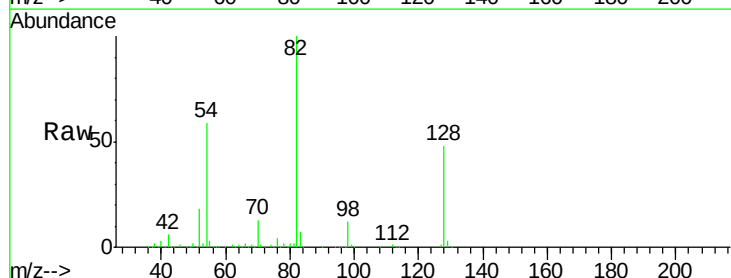
Instrument :
BNA_F
ClientSampled :

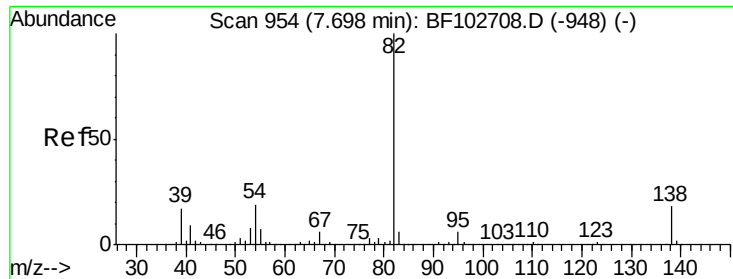
Tot Ion:136	Resp:	594960
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	10.0	6.6 9.8#
68	6.5	5.0 7.4



#23
Nitrobenzene-d5
Concen: 72.68 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Tgt Ion: 82	Resp:	623384
Ion Ratio	Lower	Upper
82	100	
128	47.6	36.1 54.1
54	59.1	41.4 62.2

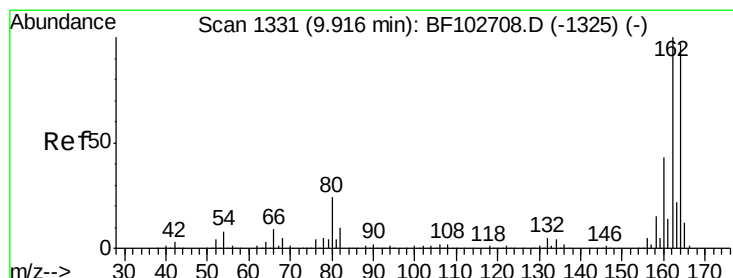
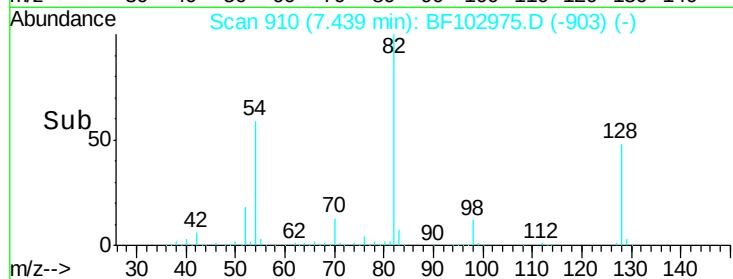
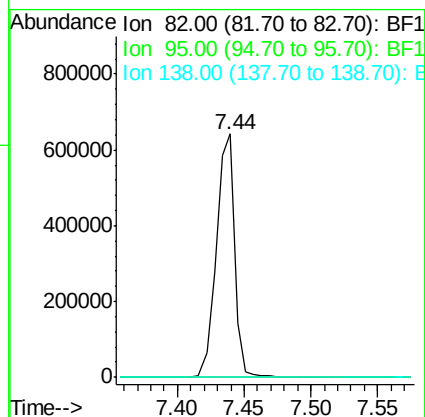
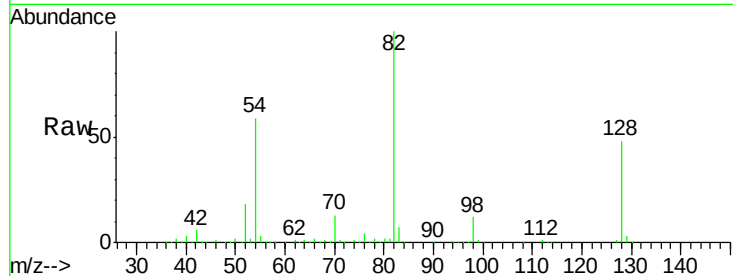




#25
Isophorone
Concen: 31.57 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

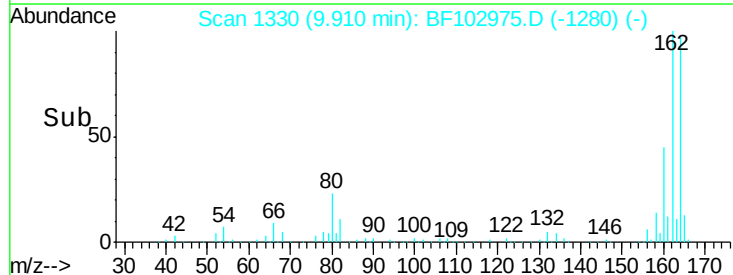
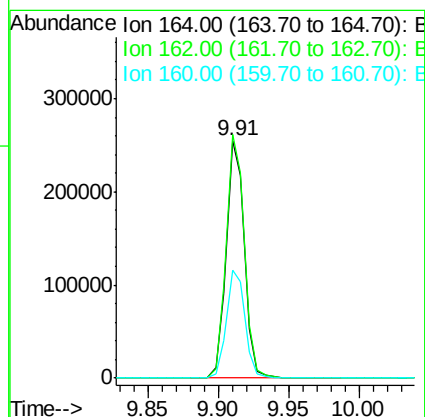
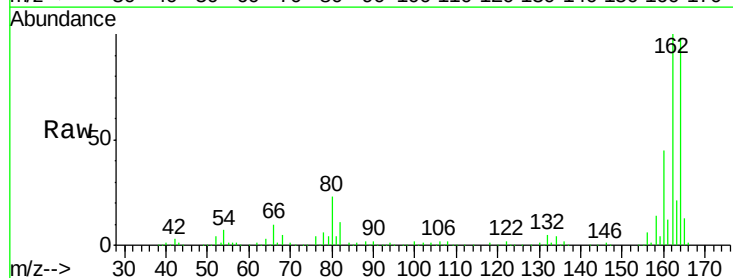
Instrument :
BNA_F
ClientSampleId :

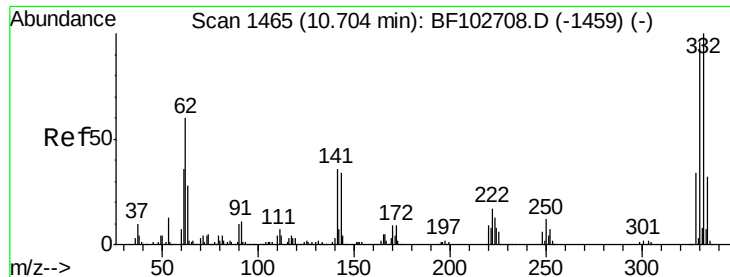
Tot Ion: 82 Resp: 623375
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Tgt Ion: 164 Resp: 226632
Ion Ratio Lower Upper
164 100
162 102.5 86.1 129.1
160 45.6 38.3 57.5

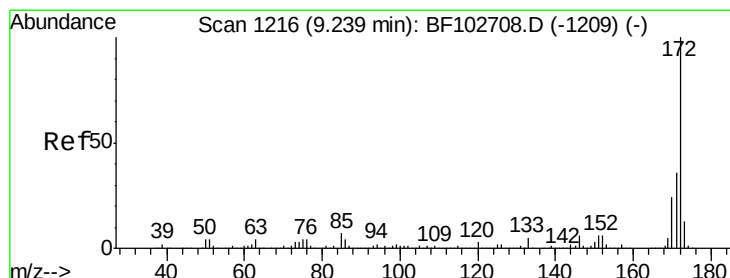
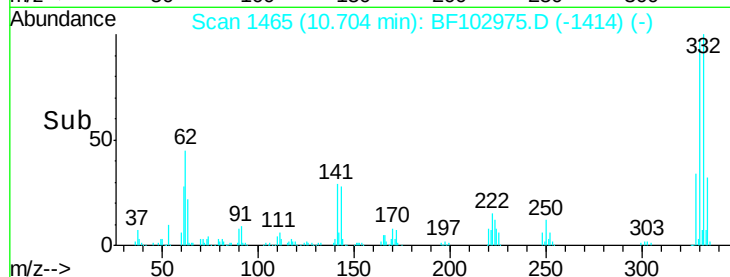
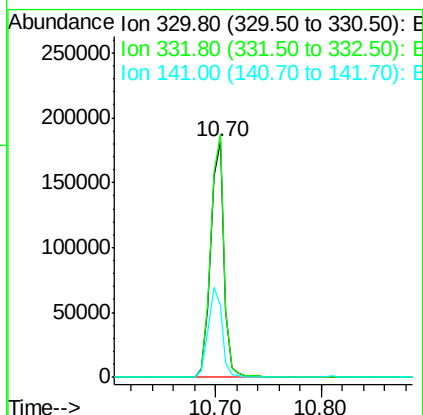
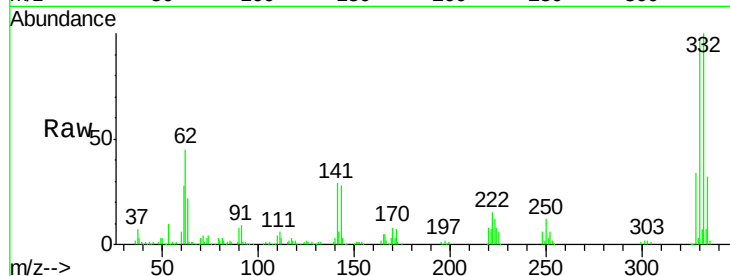




#41
 2,4,6-Tribromophenol
 Concen: 90.05 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

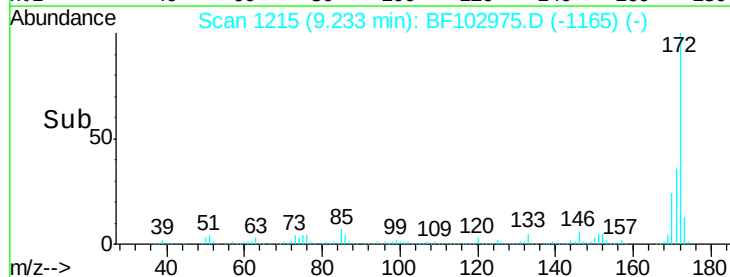
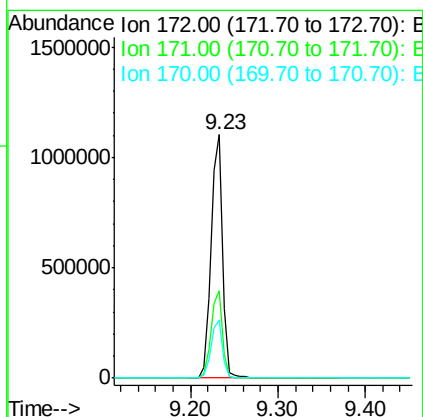
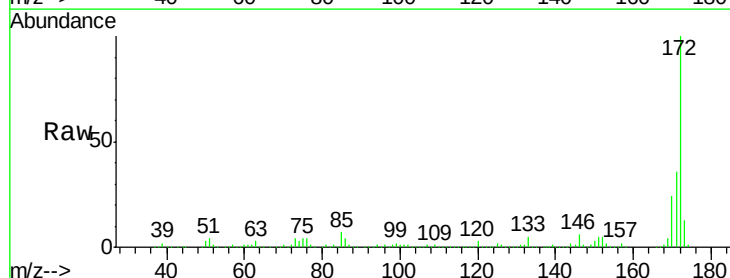
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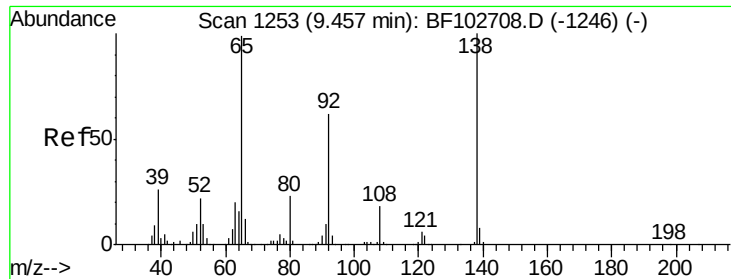
Tot Ion:330 Resp: 164265
 Ion Ratio Lower Upper
 330 100
 332 102.7 77.0 115.6
 141 39.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 73.78 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

Tgt Ion:172 Resp: 1007707
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 19.6 29.4





#47

2-Nitroaniline

Concen: 3.56 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.17 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampleId :

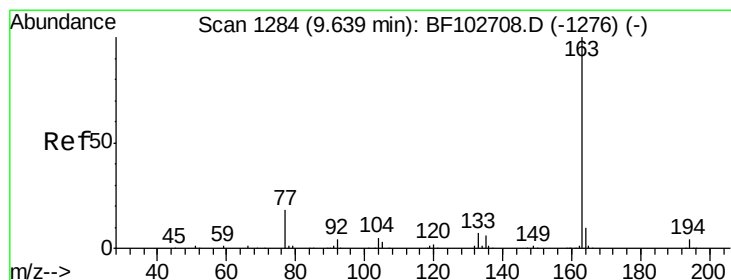
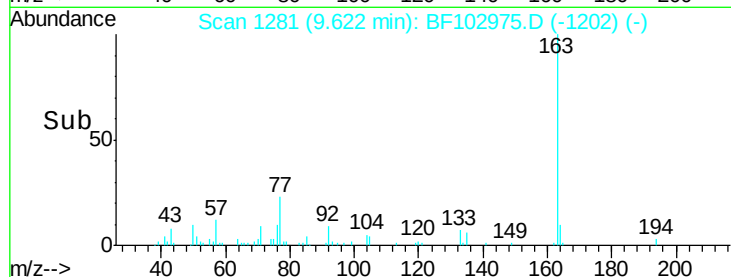
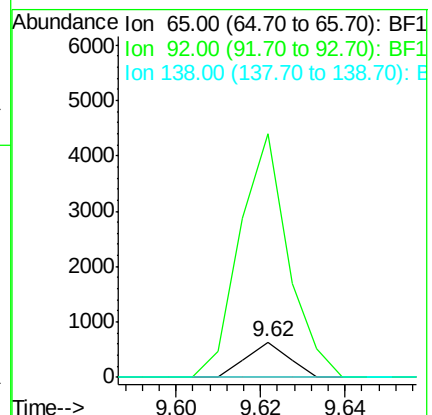
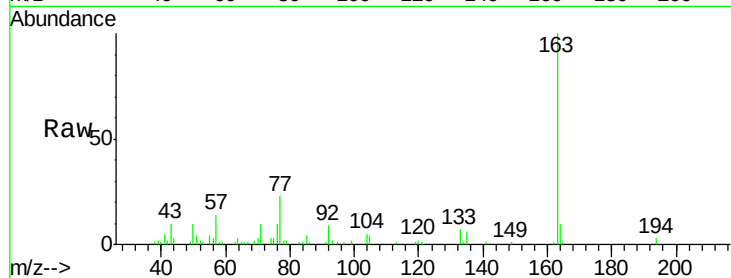
Tot Ion: 65 Resp: 442

Ion Ratio Lower Upper

65 100

92 685.8 55.8 83.6#

138 0.0 91.2 136.8#



#49

Dimethylphthalate

Concen: 2.24 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

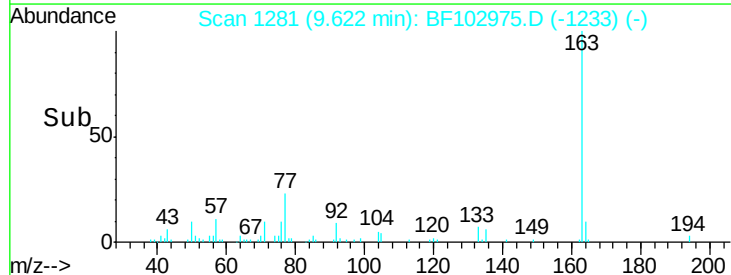
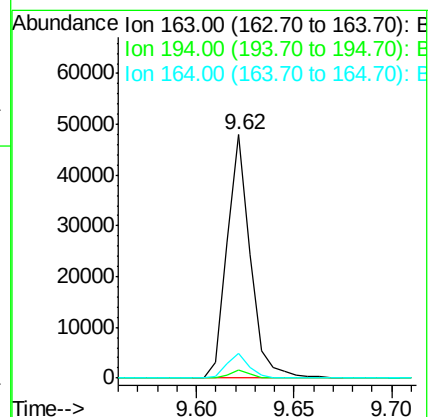
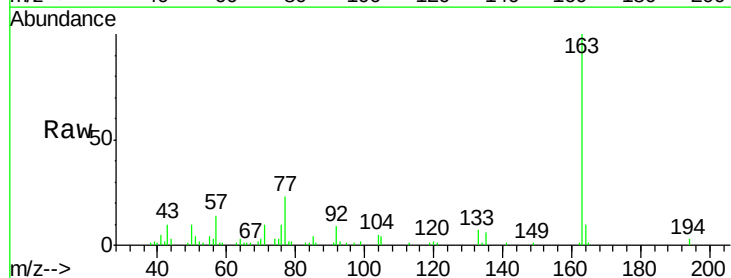
Tgt Ion: 163 Resp: 39629

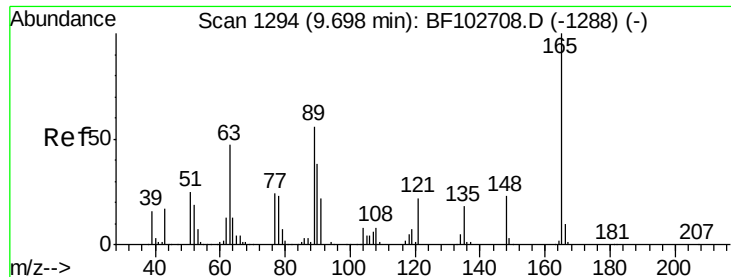
Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

164 10.1 8.2 12.2

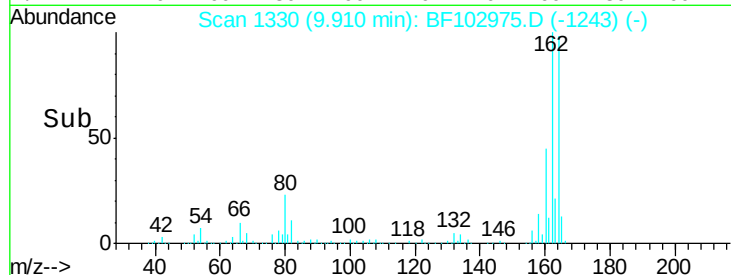
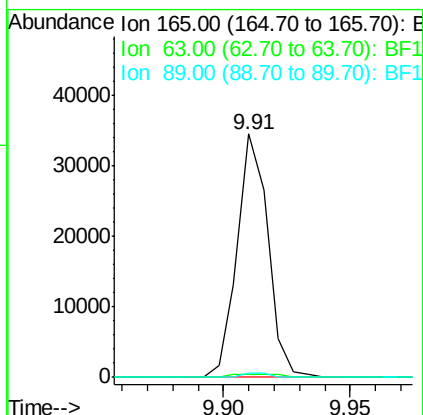
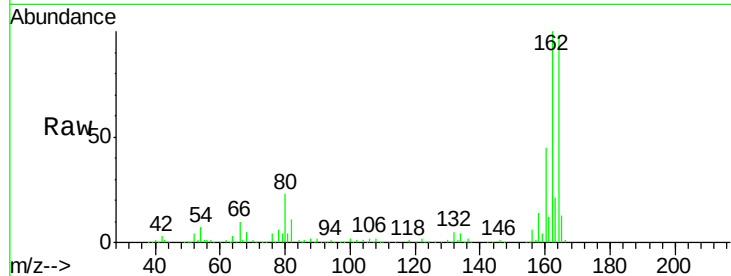




#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

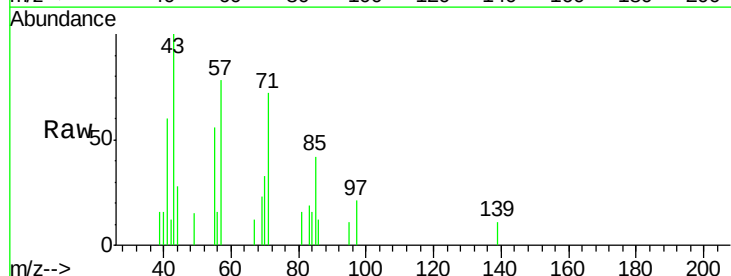
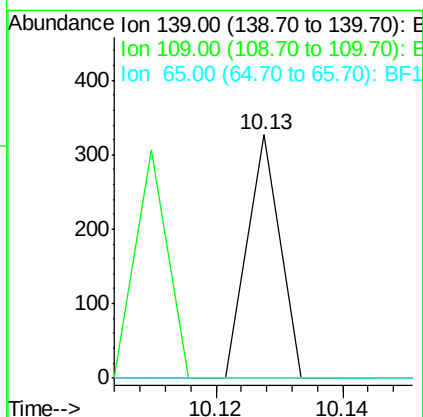
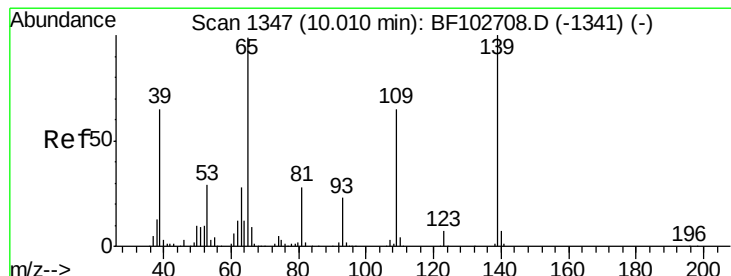
Instrument :
 BNA_F
 ClientSampleId :

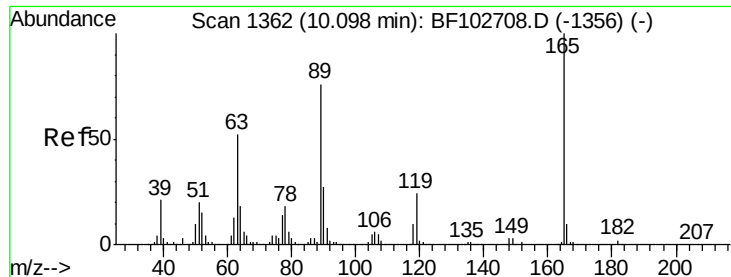
Tot Ion:165 Resp: 29272
 Ion Ratio Lower Upper
 165 100
 63 1.3 44.7 67.1#
 89 1.6 44.0 66.0#



#55
 4-Nitrophenol
 Concen: 4.06 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.12 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

Tgt Ion:139 Resp: 115
 Ion Ratio Lower Upper
 139 100
 109 0.0 48.4 88.4#
 65 0.0 72.6 112.6#

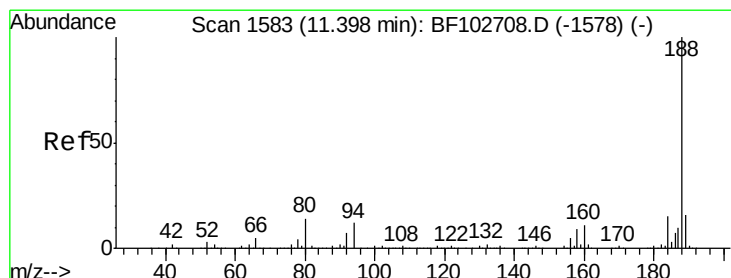
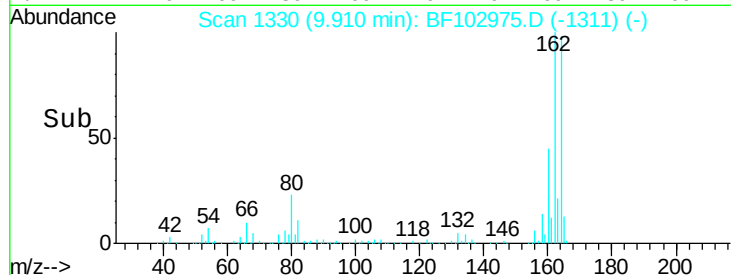
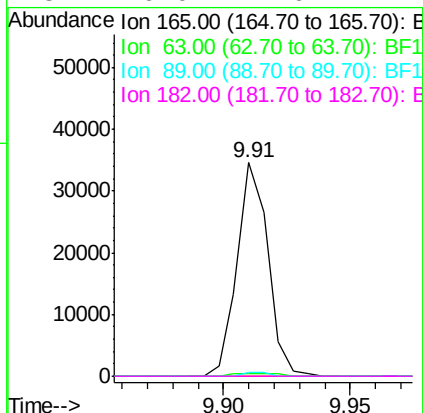
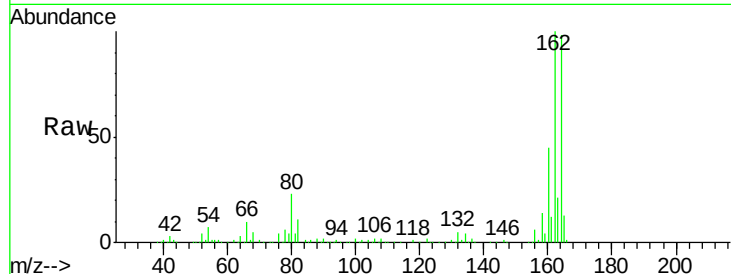




#56
 2,4-Dinitrotoluene
 Concen: 9.15 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.19 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

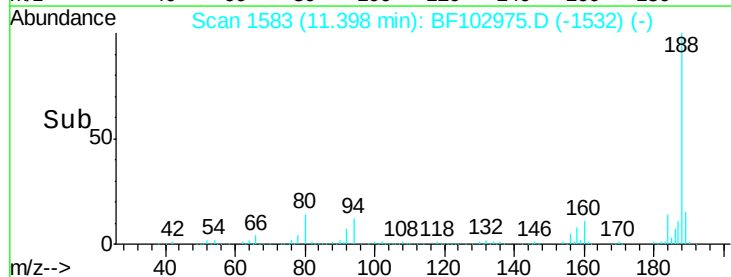
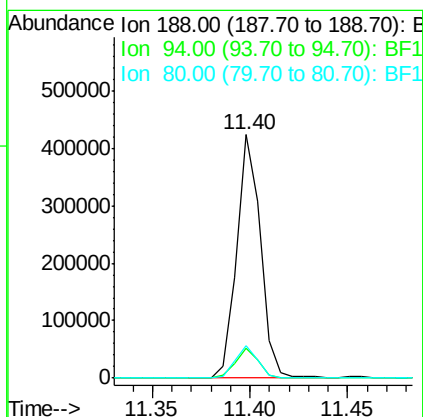
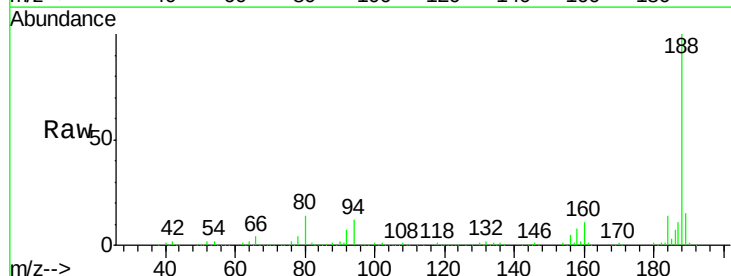
Instrument :
 BNA_F
 ClientSampleId :

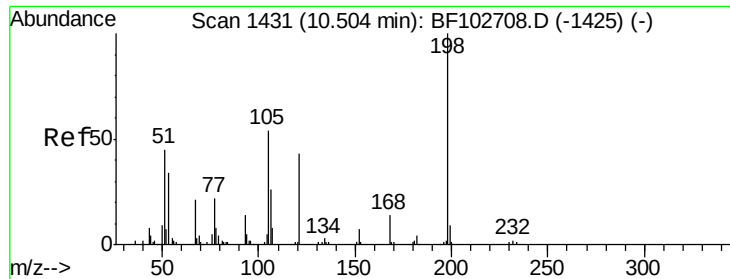
Tot Ion:165 Resp: 29272
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

Tgt Ion:188 Resp: 358598
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 13.5 9.2 13.8

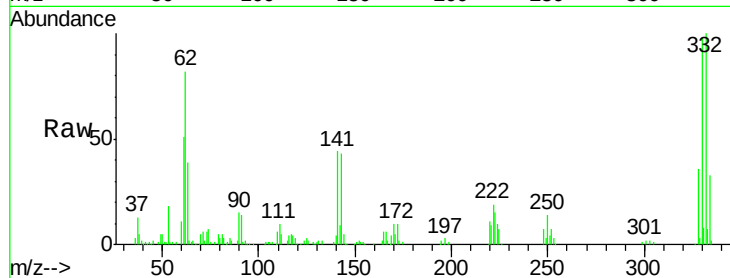




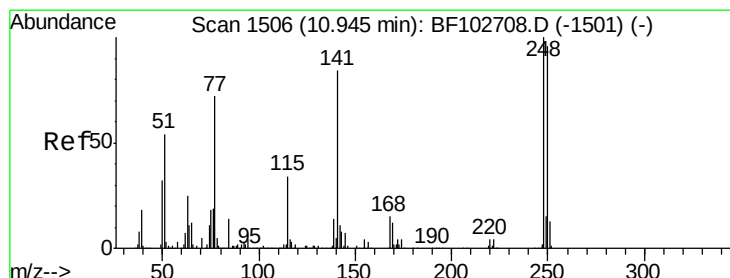
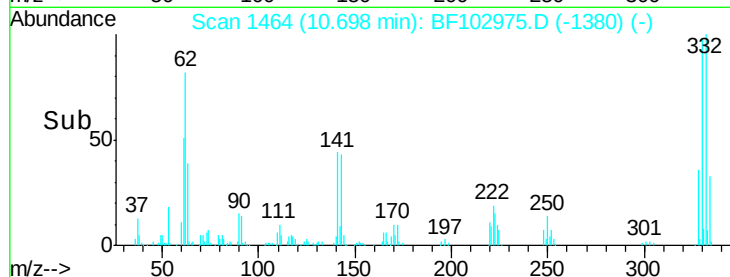
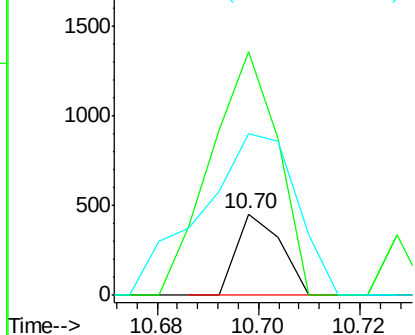
#64
4,6-Dinitro-2-methylphenol
Concen: 8.96 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.20 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 275
Ion Ratio Lower Upper
198 100
51 298.2 37.7 77.7#
105 197.8 36.3 76.3#

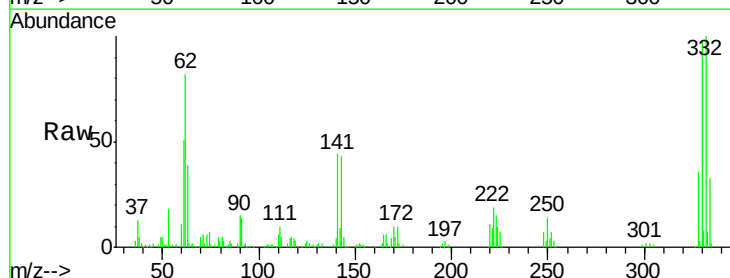


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

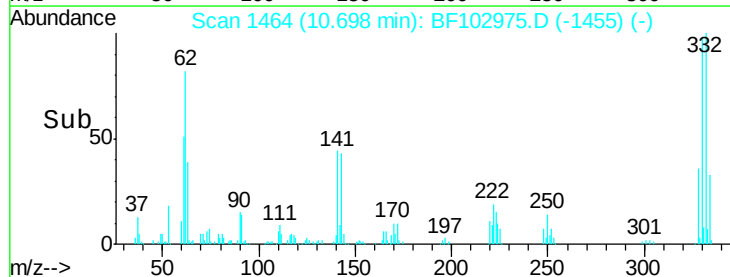
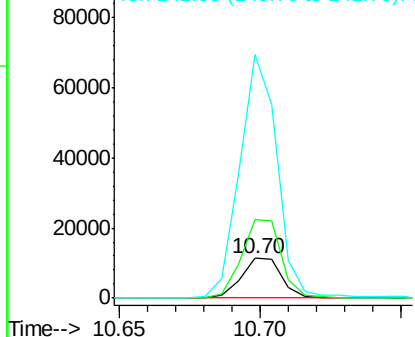


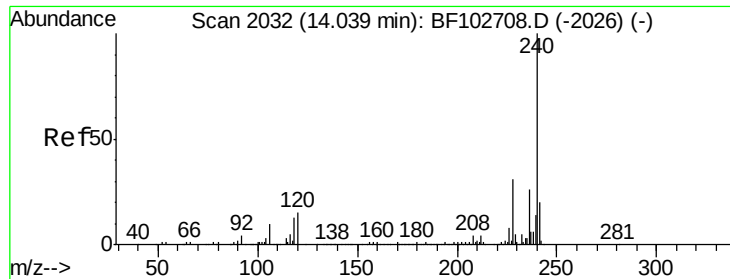
#66
4-Bromophenyl-phenylether
Concen: 2.91 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.25 min
Lab File: BF102975.D
Acq: 13 Feb 2018 21:22

Tgt Ion:248 Resp: 11025
Ion Ratio Lower Upper
248 100
250 196.4 76.9 115.3#
141 612.1 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: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

Instrument :

BNA_F

ClientSampleId :

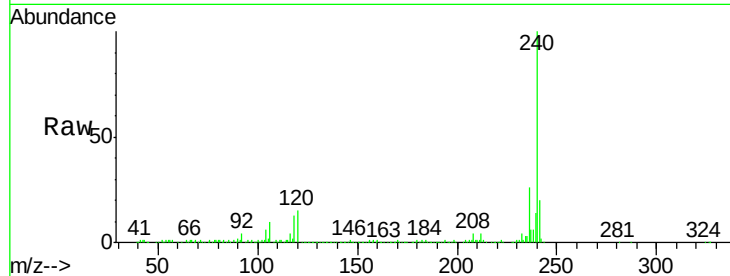
Tot Ion:240 Resp: 300134

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

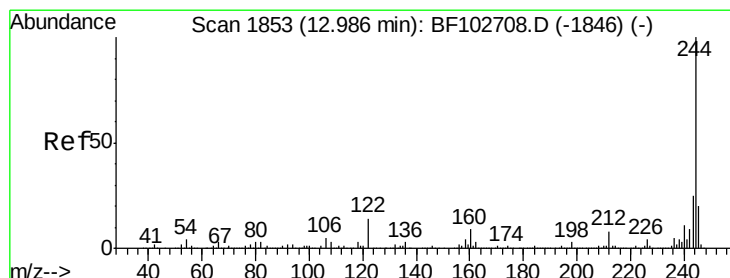
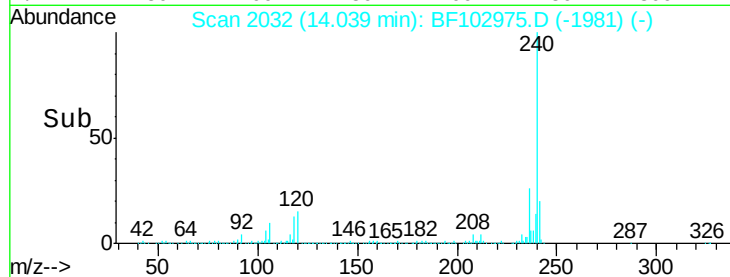
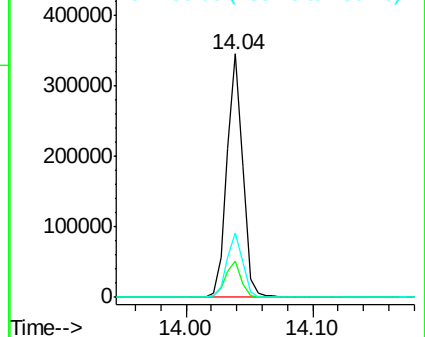
236 26.5 20.7 31.1



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: 67.71 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102975.D

Acq: 13 Feb 2018 21:22

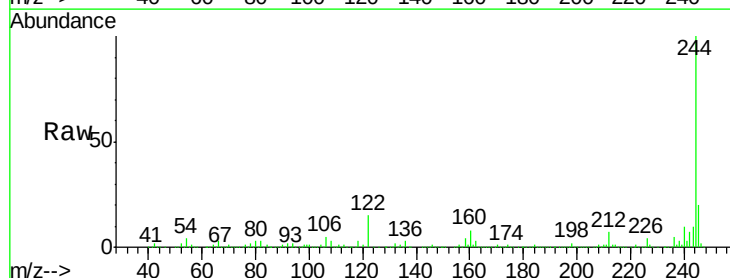
Tgt Ion:244 Resp: 858321

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

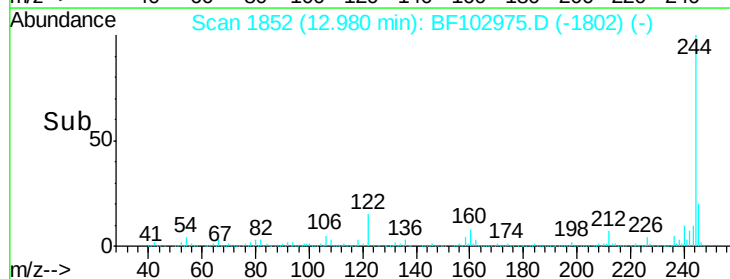
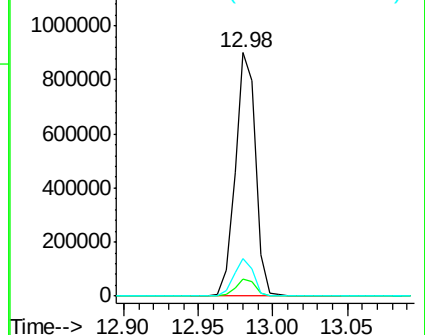
122 15.4 11.0 16.4

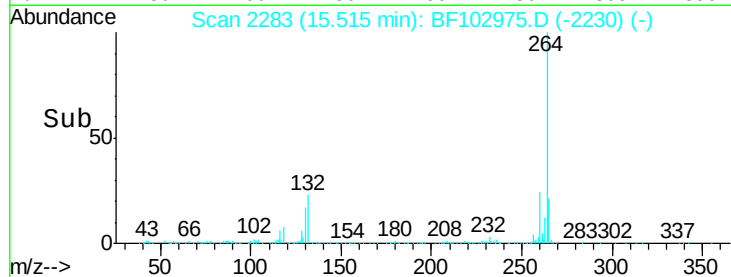
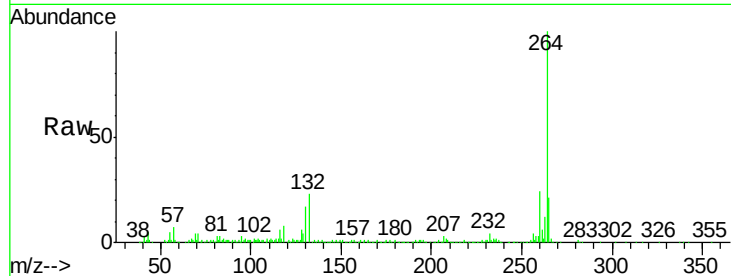
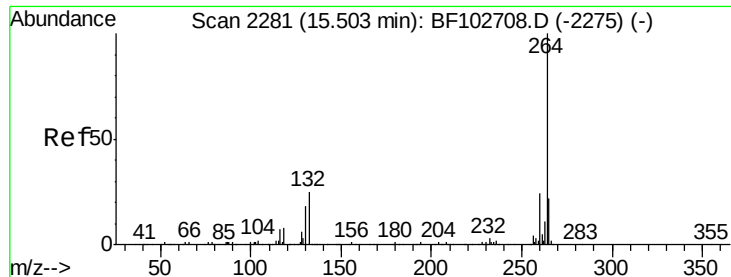


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. 0.01 min
 Lab File: BF102975.D
 Acq: 13 Feb 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	218126
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

