

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108074.D
 Acq On : 10 Aug 2018 2:02
 Operator : JU/SJ
 Sample : J4380-06
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Aug 10 03:33:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	287102	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1029963	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	478255	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	805094	20.00	ng	0.00
75) Chrysene-d12	14.21	240	723184	20.00	ng	0.00
86) Perylene-d12	15.77	264	525908	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	933788	58.88	ng	0.00
7) Phenol-d6	6.62	99	759762	36.05	ng	0.00
23) Nitrobenzene-d5	7.58	82	1856085	100.56	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	615059	128.93	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2939462	98.68	ng	0.00
78) Terphenyl-d14	13.15	244	2913964	102.45	ng	0.00

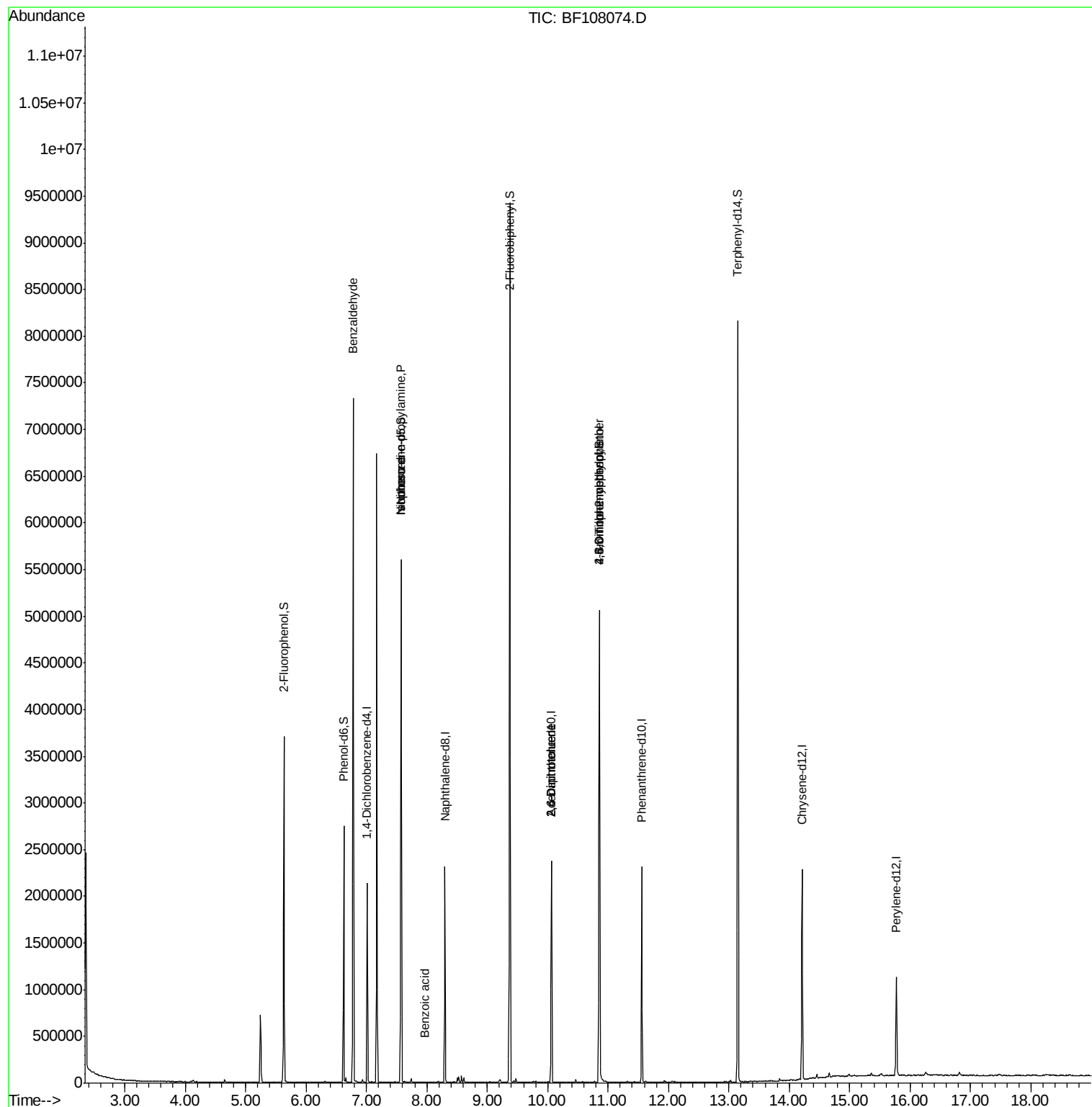
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	47278	2.894	ng	# 72
19) n-Nitroso-di-n-propylamine	7.58	70	260030	18.247	ng	# 86
25) Isophorone	7.58	82	1852959	52.669	ng	# 64
32) Benzoic acid	7.95	122	125	5.987	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	61684	8.850	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	61684	6.875	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	1578	5.822	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	42159	4.819	ng	# 1

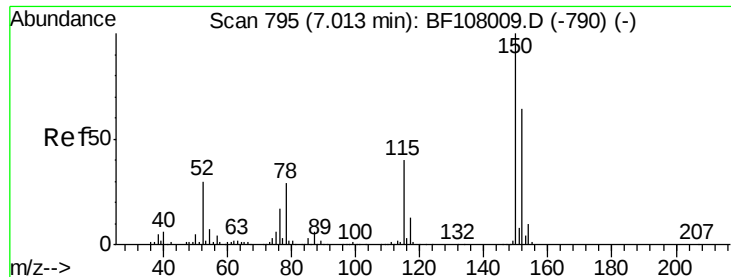
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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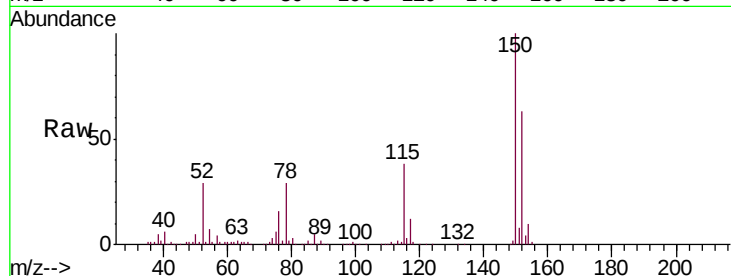


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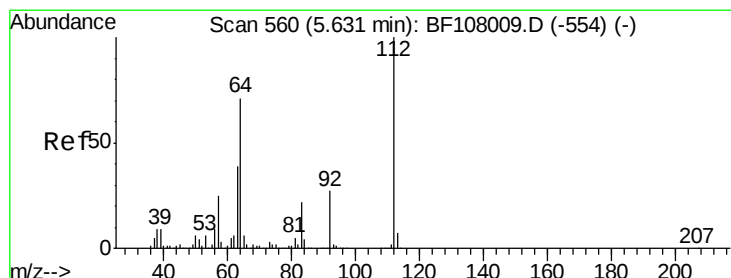
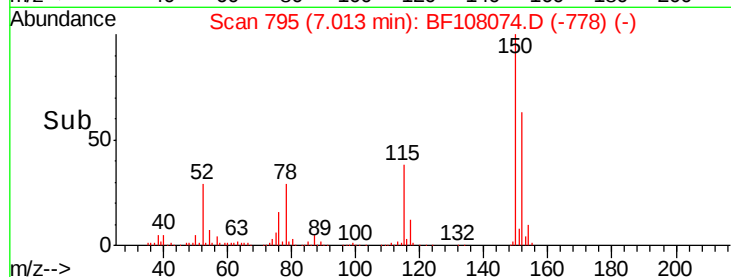
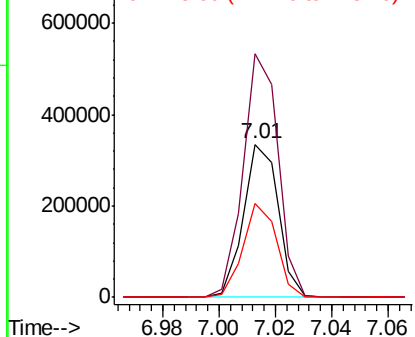
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.0	50.1	75.1



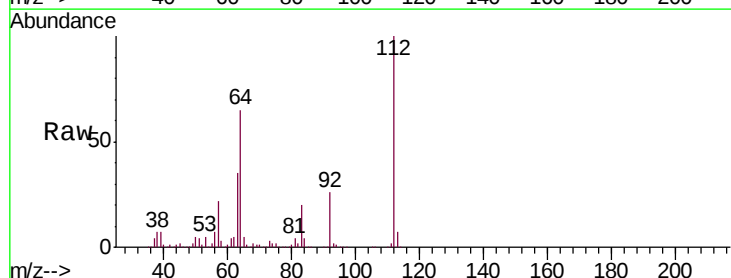
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



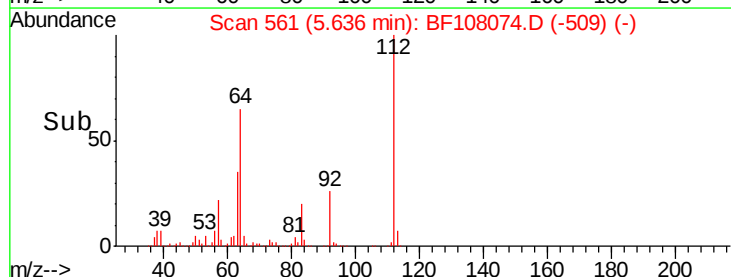
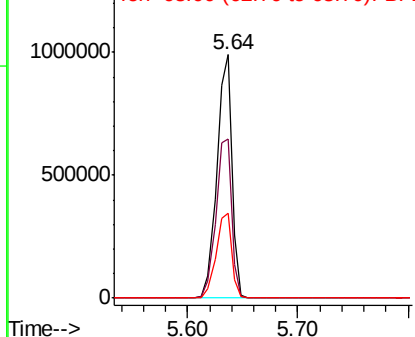
#5

2-Fluorophenol
Concen: 58.884 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	47.9	71.9
63	34.6	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: 36.054 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

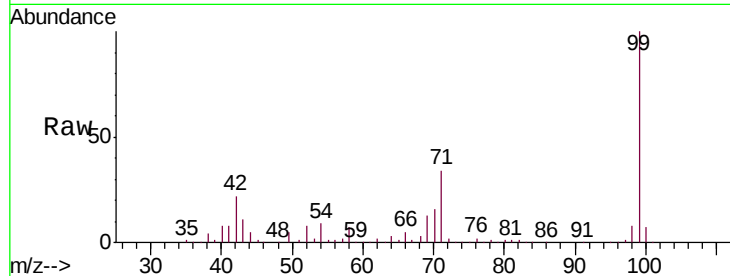
Tgt Ion: 99 Resp: 759762

Ion Ratio Lower Upper

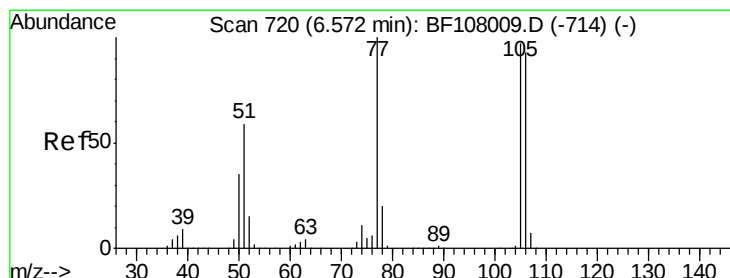
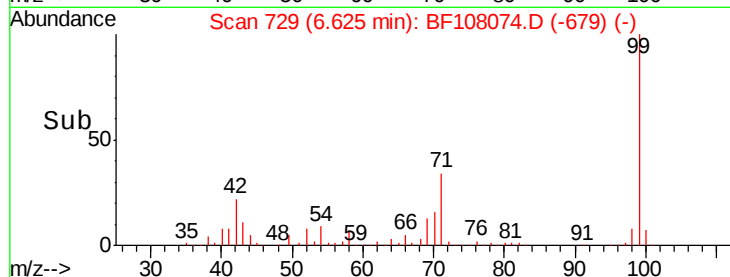
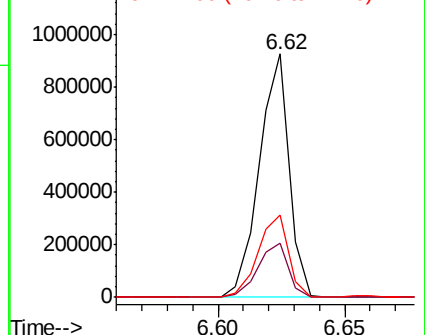
99 100

42 22.1 14.5 21.7#

71 33.9 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



#9

Benzaldehyde

Concen: 2.894 ng

RT: 6.78 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

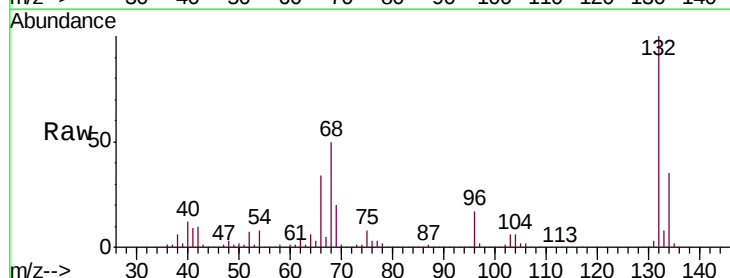
Tgt Ion: 77 Resp: 47278

Ion Ratio Lower Upper

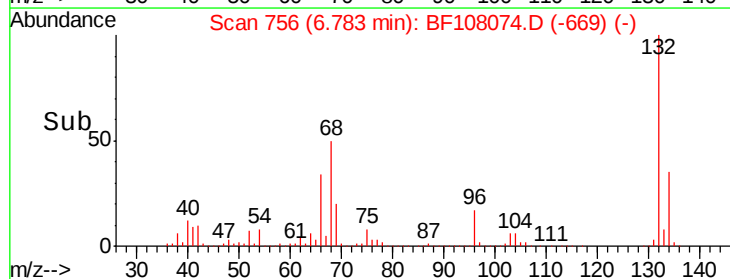
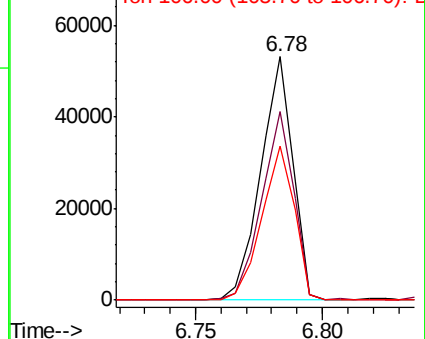
77 100

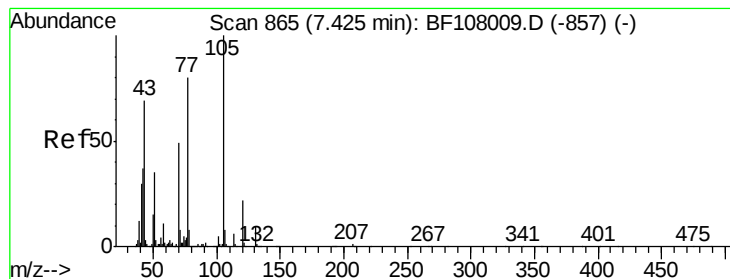
105 77.6 81.1 121.1#

106 63.2 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.247 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

Tgt Ion: 70 Resp: 260030

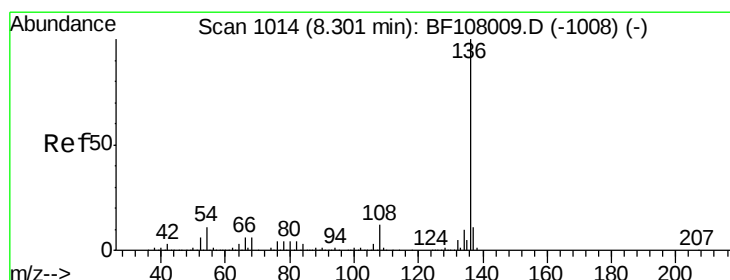
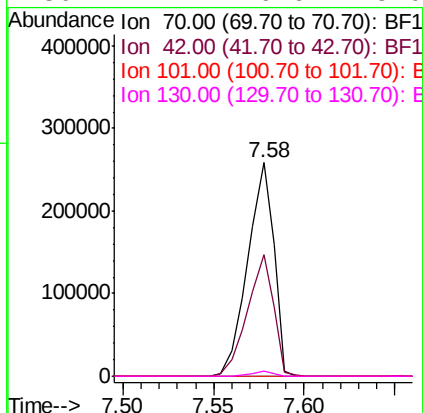
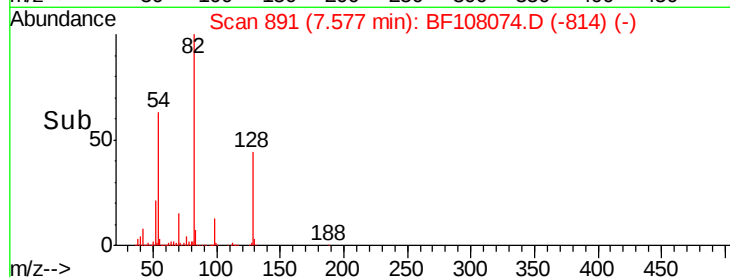
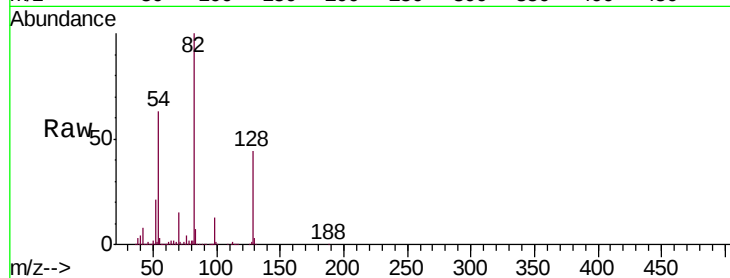
Ion Ratio Lower Upper

70 100

42 57.0 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.30 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Tgt Ion: 136 Resp: 1029963

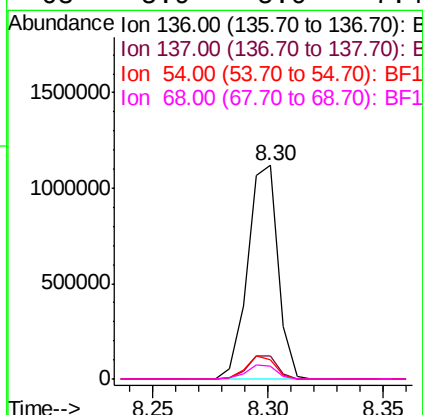
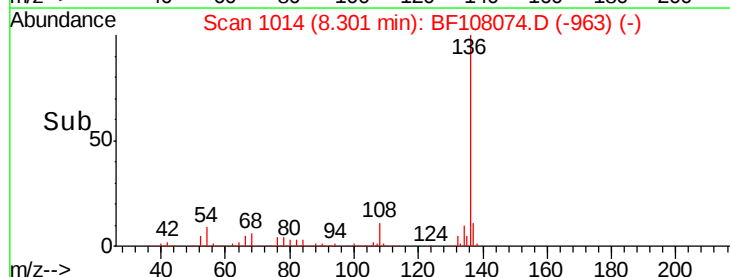
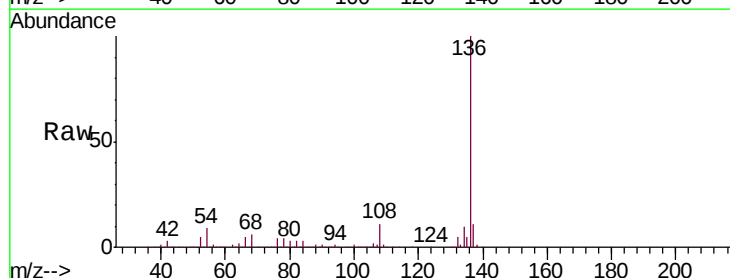
Ion Ratio Lower Upper

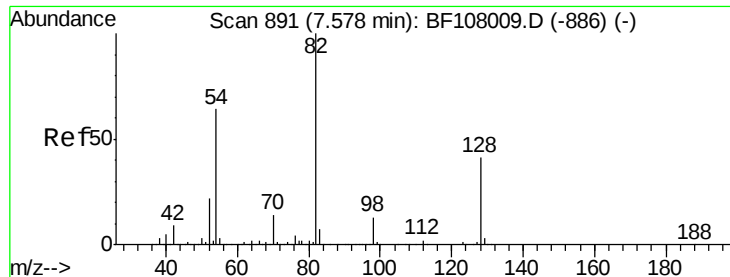
136 100

137 11.1 8.9 13.3

54 9.1 6.6 9.8

68 5.9 5.0 7.4

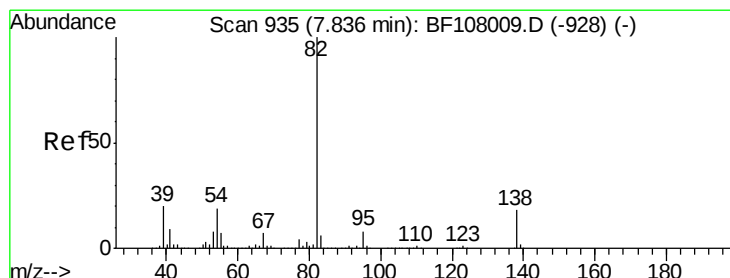
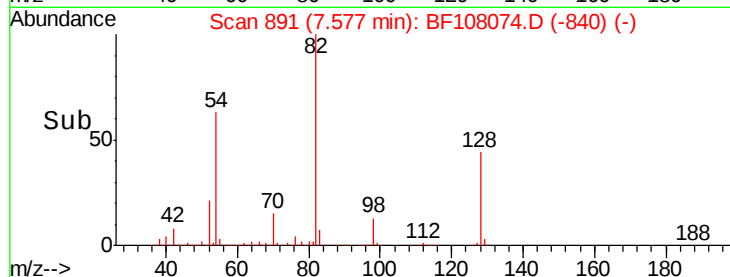
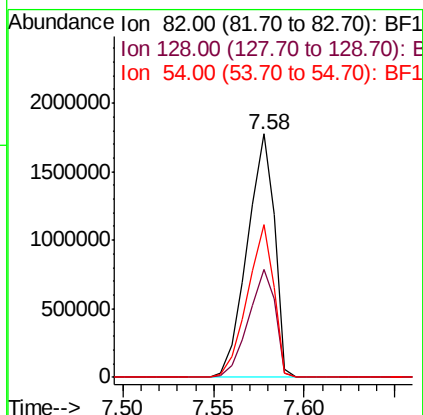
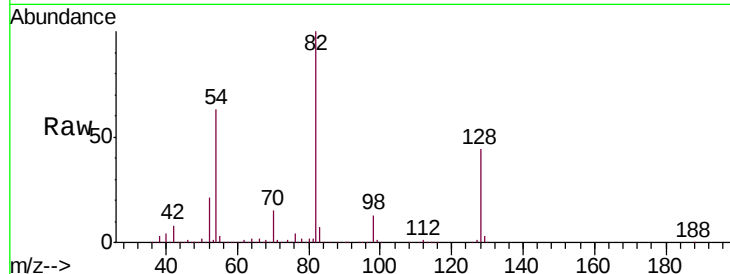




#23
 Nitrobenzene-d5
 Concen: 100.559 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

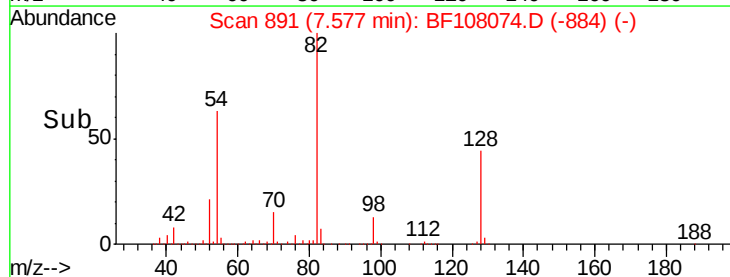
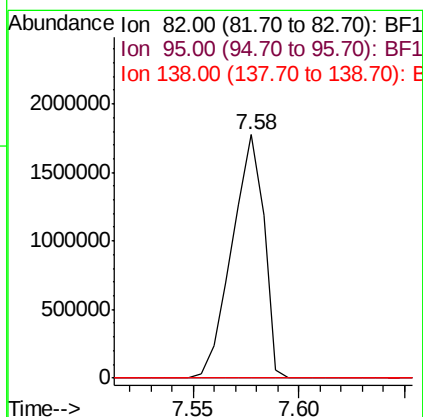
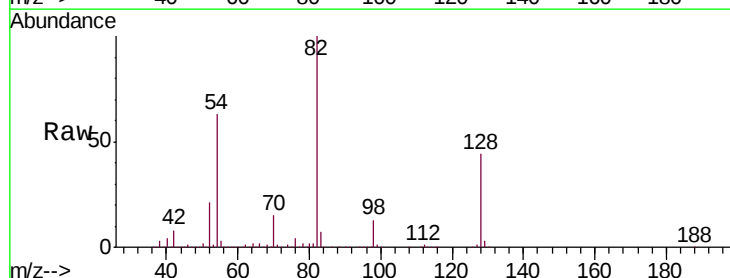
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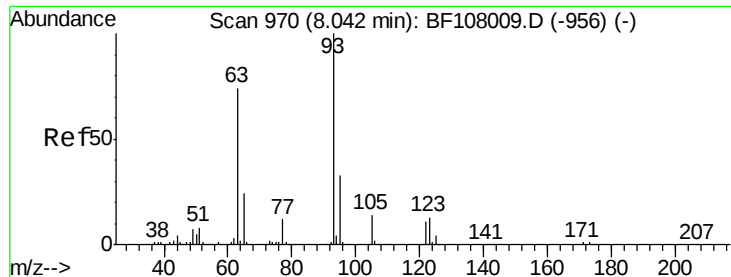
Tgt Ion: 82 Resp: 1856085
 Ion Ratio Lower Upper
 82 100
 128 44.1 36.1 54.1
 54 62.5 41.4 62.2#



#25
 Isophorone
 Concen: 52.669 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Tgt Ion: 82 Resp: 1852959
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

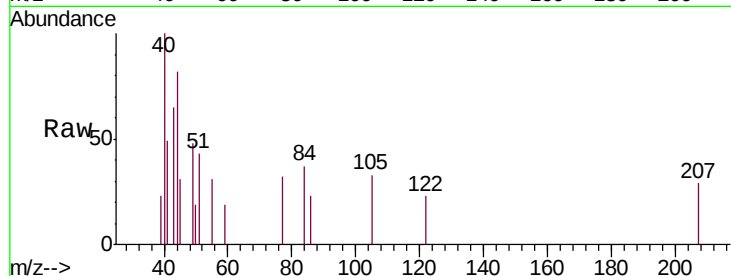




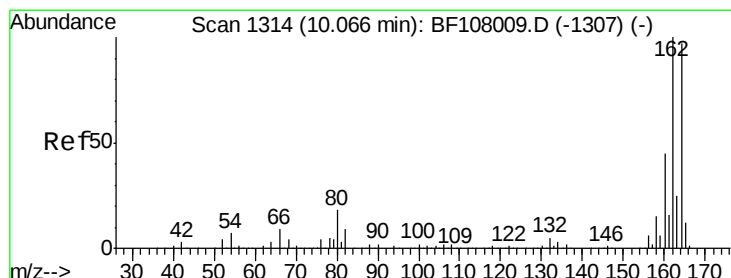
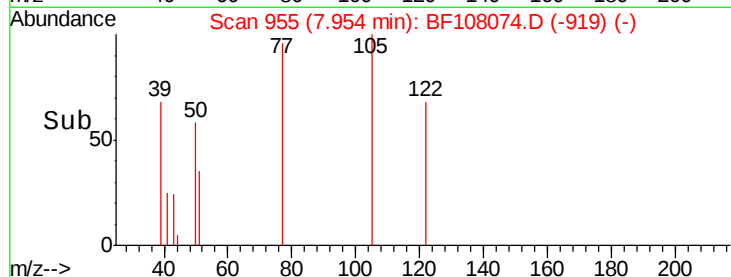
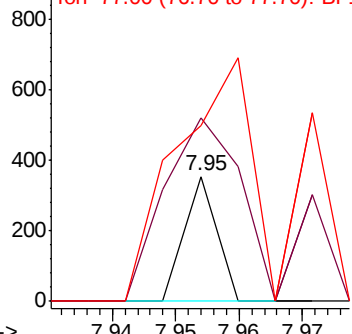
#32
Benzoic acid
Concen: 5.987 ng
RT: 7.95 min Scan# 955
Delta R.T. -0.09 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 147.2 101.1 141.1#
77 141.0 70.7 110.7#

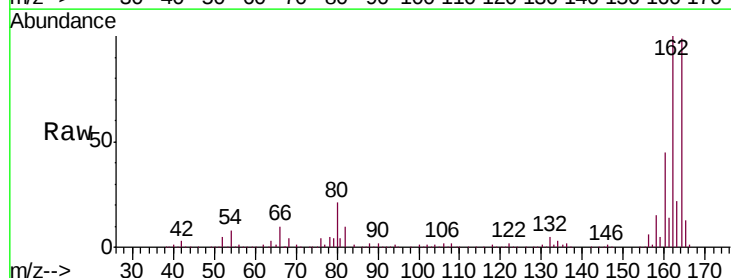


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

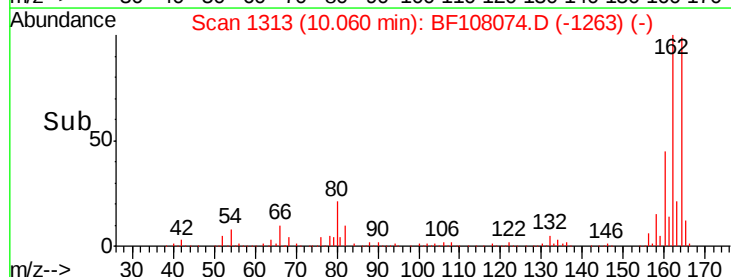
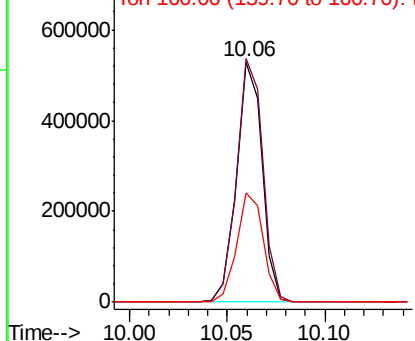


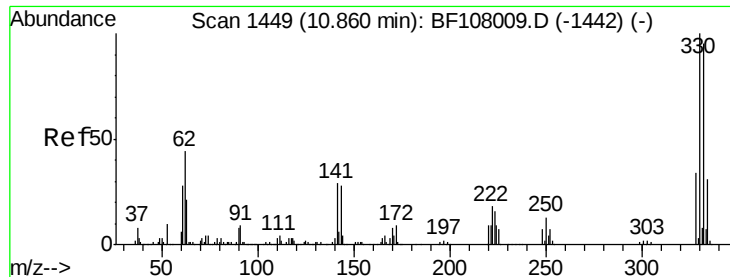
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Tgt Ion:164 Resp: 478255
Ion Ratio Lower Upper
164 100
162 101.5 86.1 129.1
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

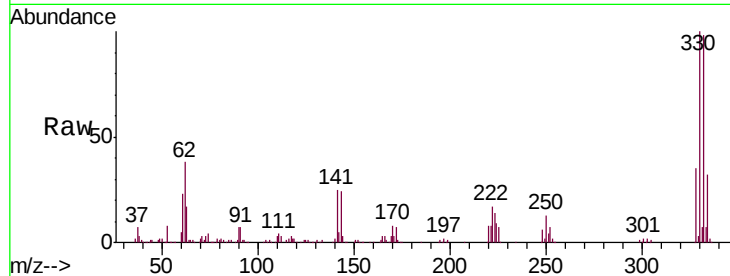




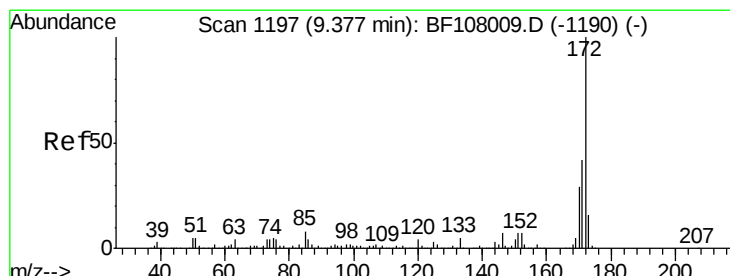
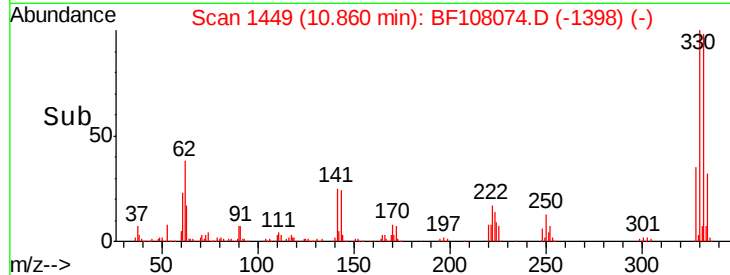
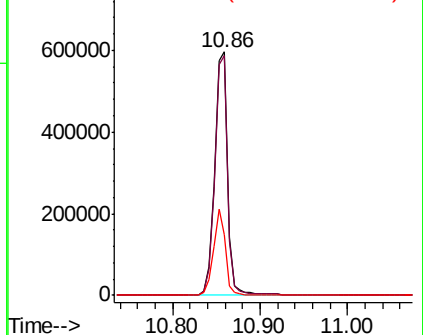
#41
 2,4,6-Tribromophenol
 Concen: 128.930 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 615059
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.7 29.9 44.9

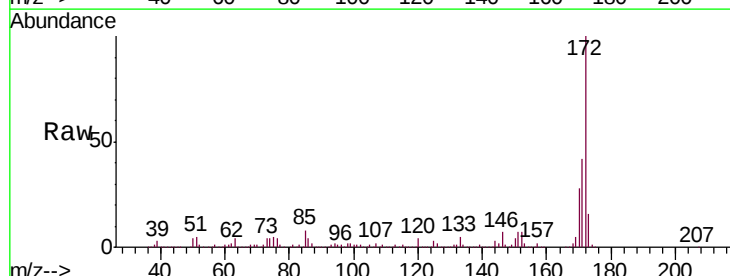


Abundance Ion 329.80 (329.50 to 330.50): E
 800000 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

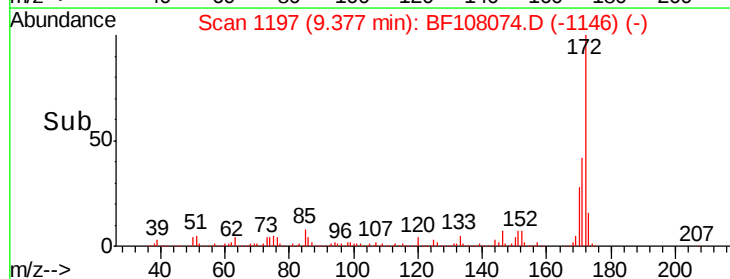
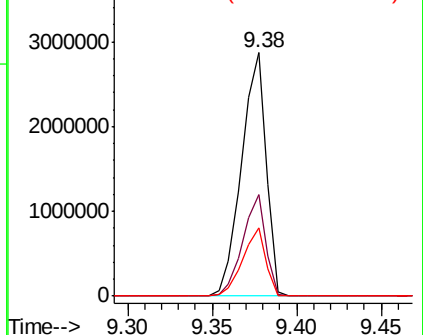


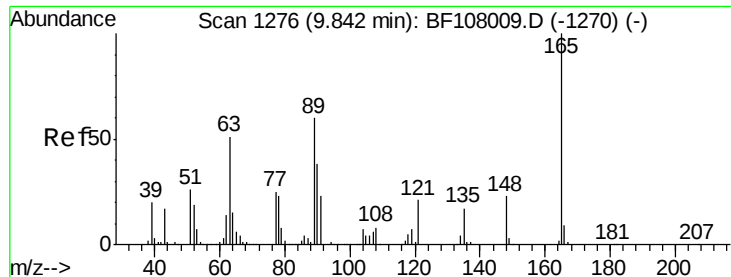
#44
 2-Fluorobiphenyl
 Concen: 98.676 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Tgt Ion:172 Resp: 2939462
 Ion Ratio Lower Upper
 172 100
 171 41.7 29.7 44.5
 170 28.0 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 4000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

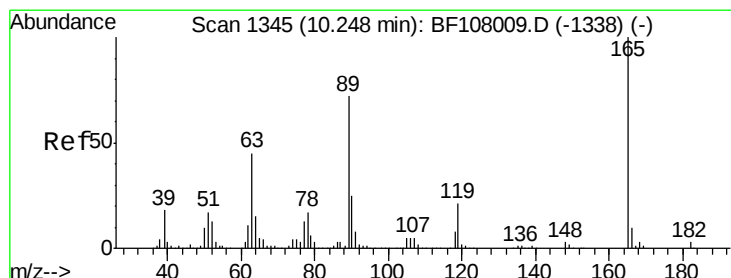
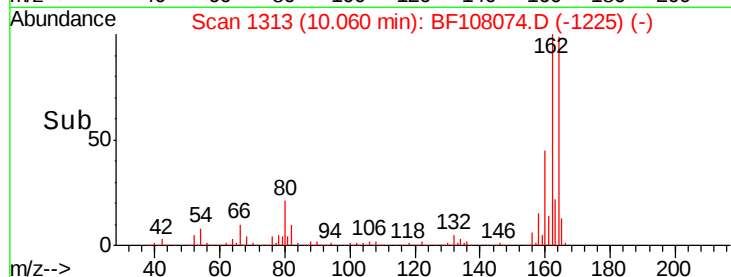
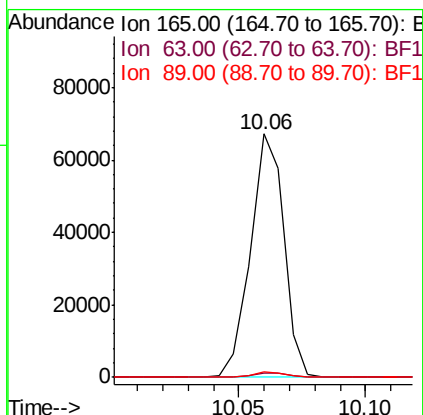
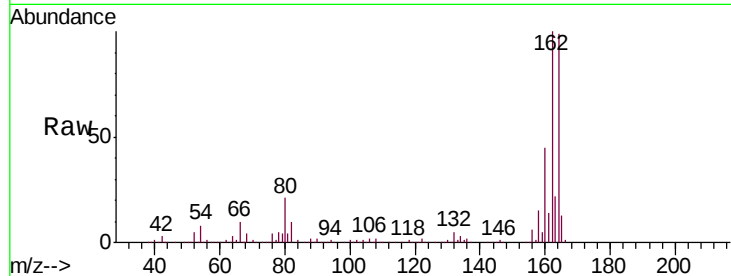




#50
 2,6-Dinitrotoluene
 Concen: 8.850 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

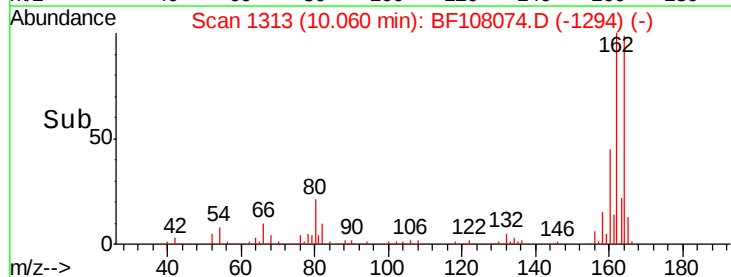
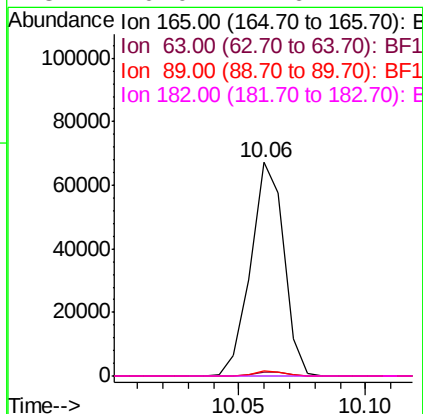
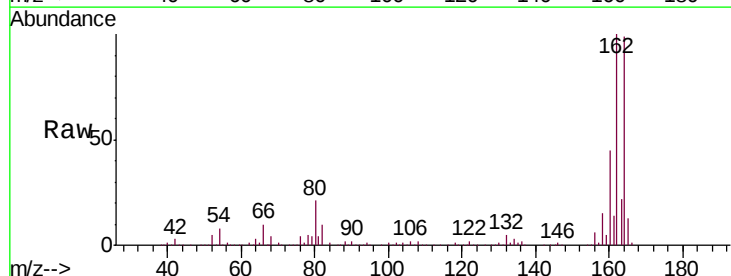
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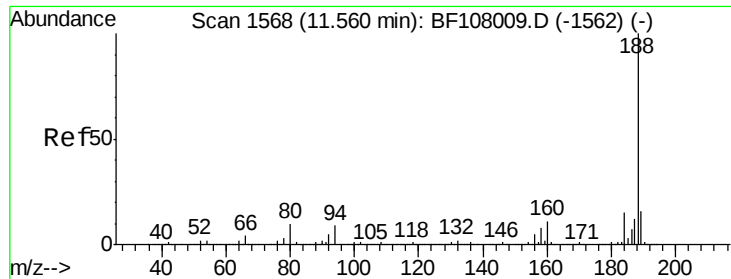
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.875 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108074.D
 Acq: 10 Aug 2018 2:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#

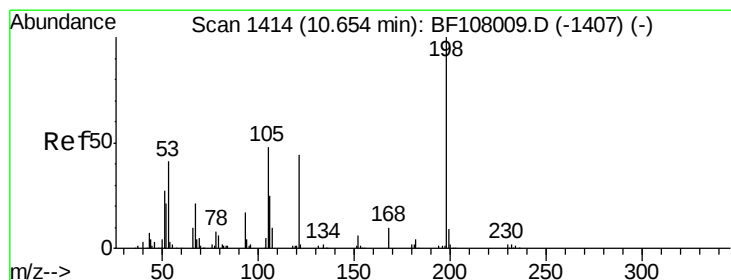
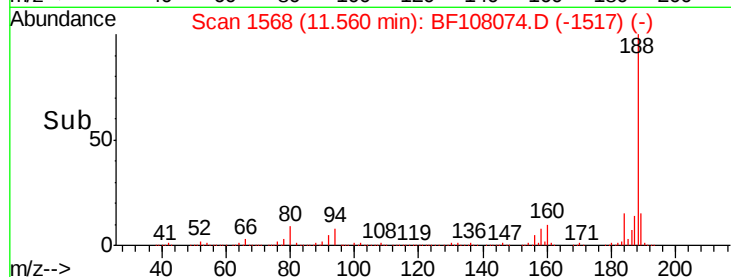
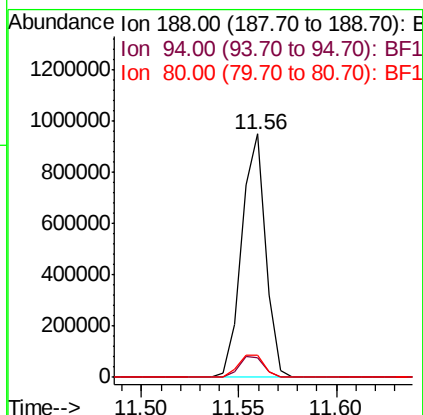
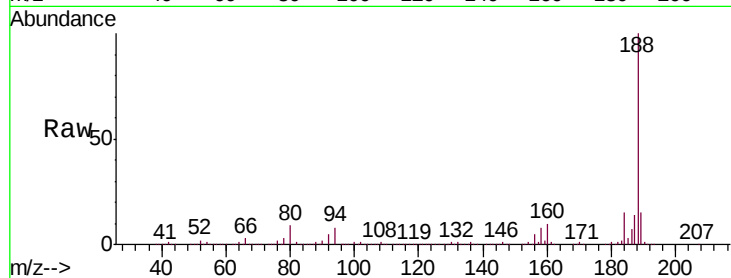




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

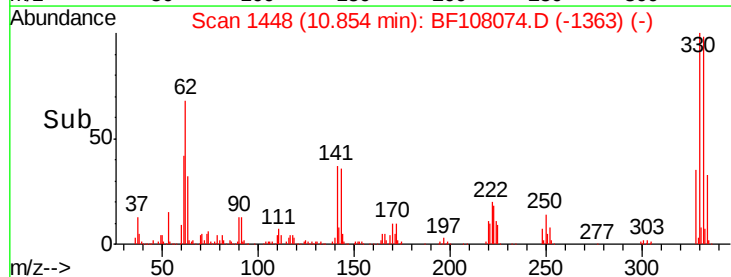
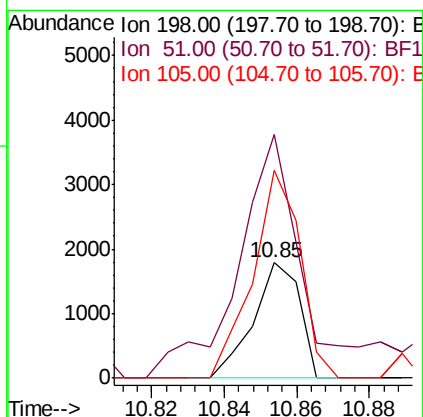
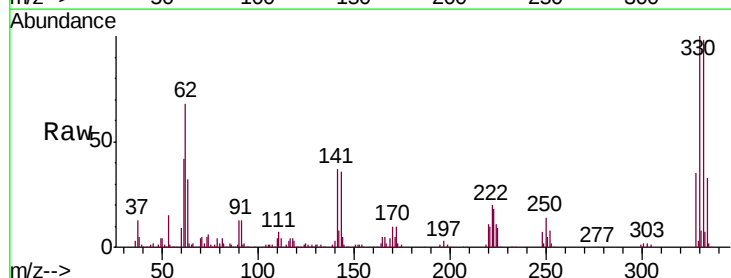
Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

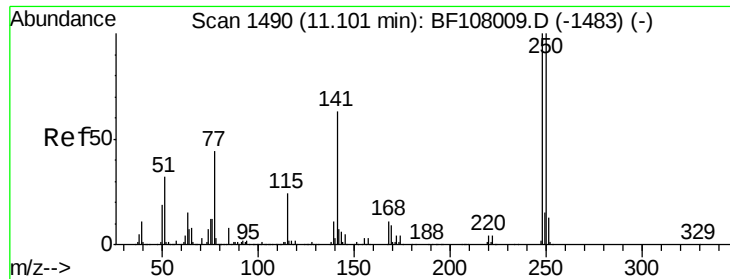
Tgt Ion:188 Resp: 805094
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 8.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.822 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Tgt Ion:198 Resp: 1578
Ion Ratio Lower Upper
198 100
51 211.6 37.7 77.7#
105 180.9 36.3 76.3#

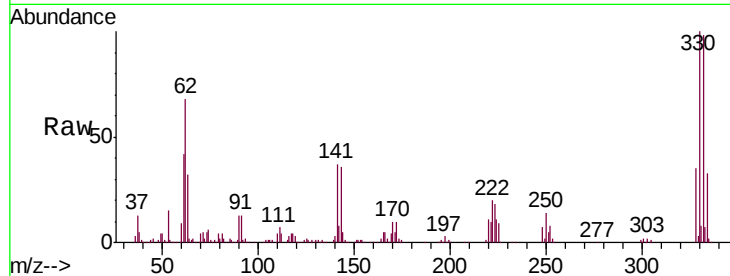




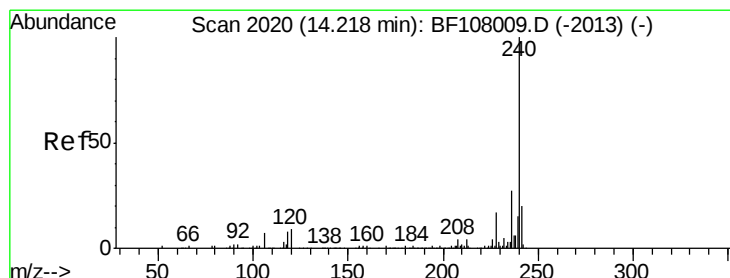
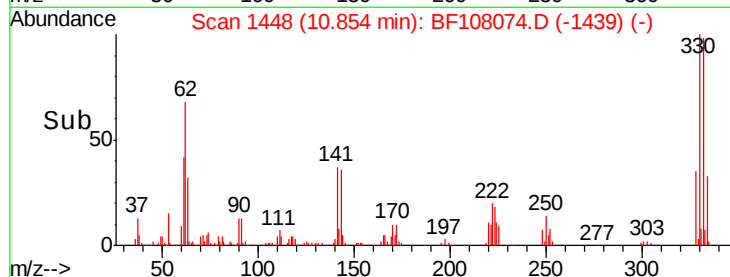
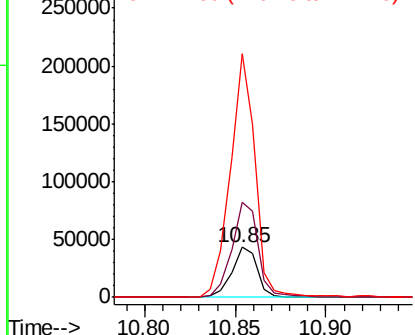
#66
4-Bromophenyl-phenylether
Concen: 4.819 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Instrument :
BNA_F
ClientSampleId :
FIELD-BLANK

Tgt Ion:248 Resp: 42159
Ion Ratio Lower Upper
248 100
250 190.3 76.9 115.3#
141 489.5 74.4 111.6#

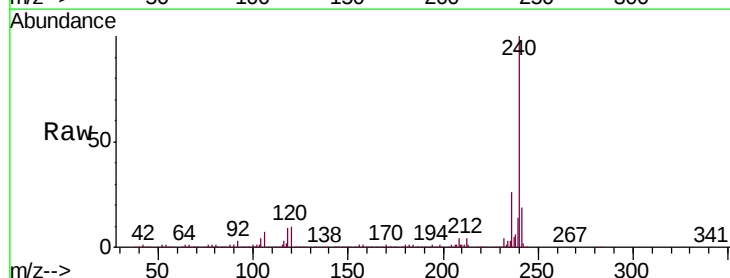


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

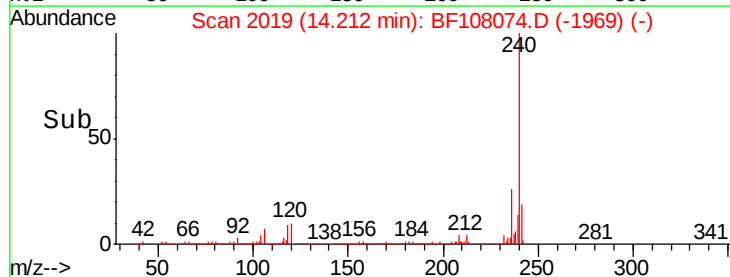
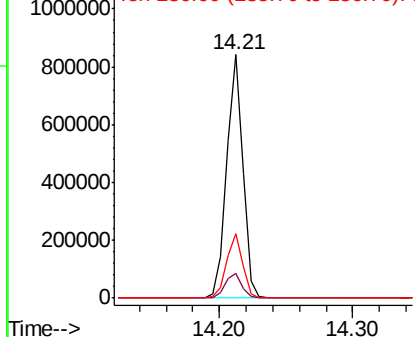


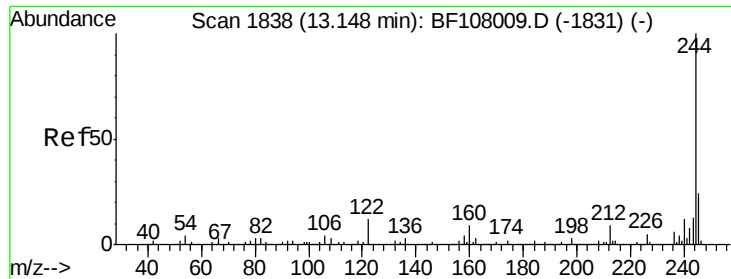
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108074.D
Acq: 10 Aug 2018 2:02

Tgt Ion:240 Resp: 723184
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.4 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: 102.449 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

Instrument :

BNA_F

ClientSampleId :

FIELD-BLANK

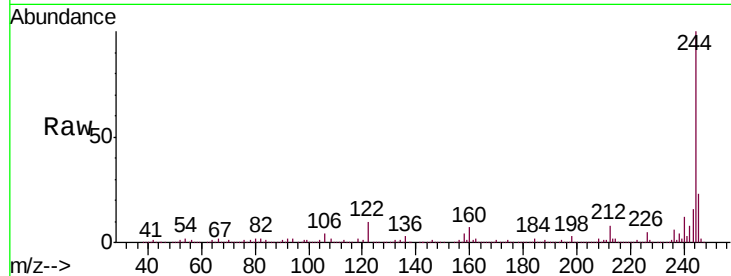
Tgt Ion:244 Resp: 2913964

Ion Ratio Lower Upper

244 100

212 8.2 5.4 8.0#

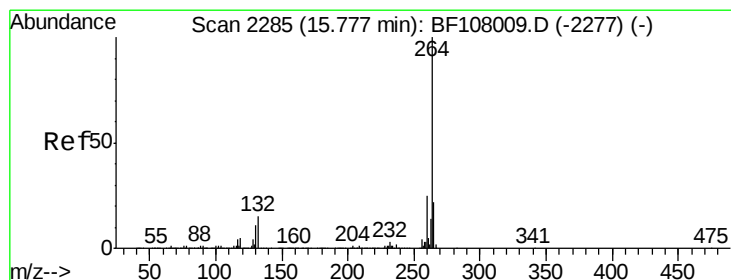
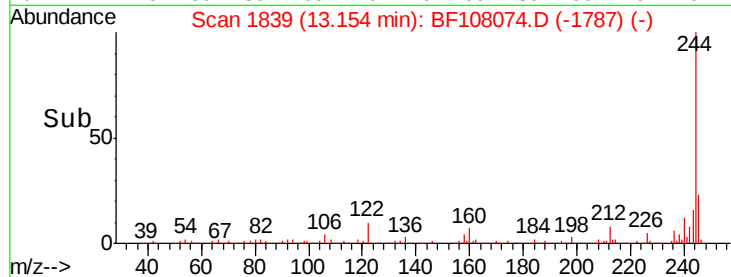
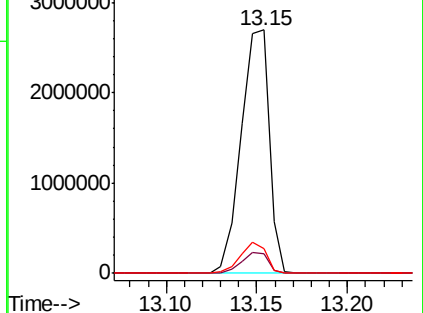
122 10.3 11.0 16.4#



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108074.D

Acq: 10 Aug 2018 2:02

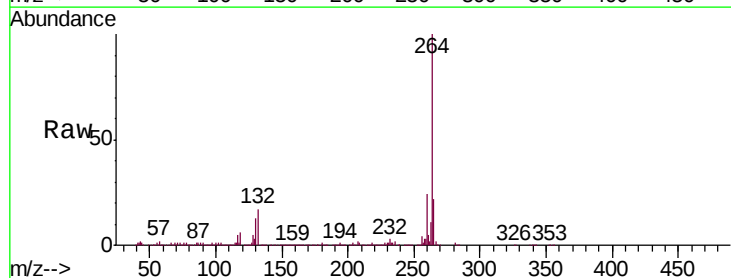
Tgt Ion:264 Resp: 525908

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.4 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

