

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108230.D
 Acq On : 17 Aug 2018 7:21
 Operator : JU/SJ
 Sample : J4504-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-U-S

Quant Time: Aug 17 07:48:21 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	165496	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	594904	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	285963	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	539259	20.00	ng	0.00
75) Chrysene-d12	14.21	240	451511	20.00	ng	-0.01
86) Perylene-d12	15.77	264	350949	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	375578	41.09	ng	0.00
7) Phenol-d6	6.62	99	306986	25.27	ng	0.00
23) Nitrobenzene-d5	7.58	82	1021855	95.85	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	272439	95.51	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1854734	104.13	ng	0.00
78) Terphenyl-d14	13.15	244	1788224	100.70	ng	0.00

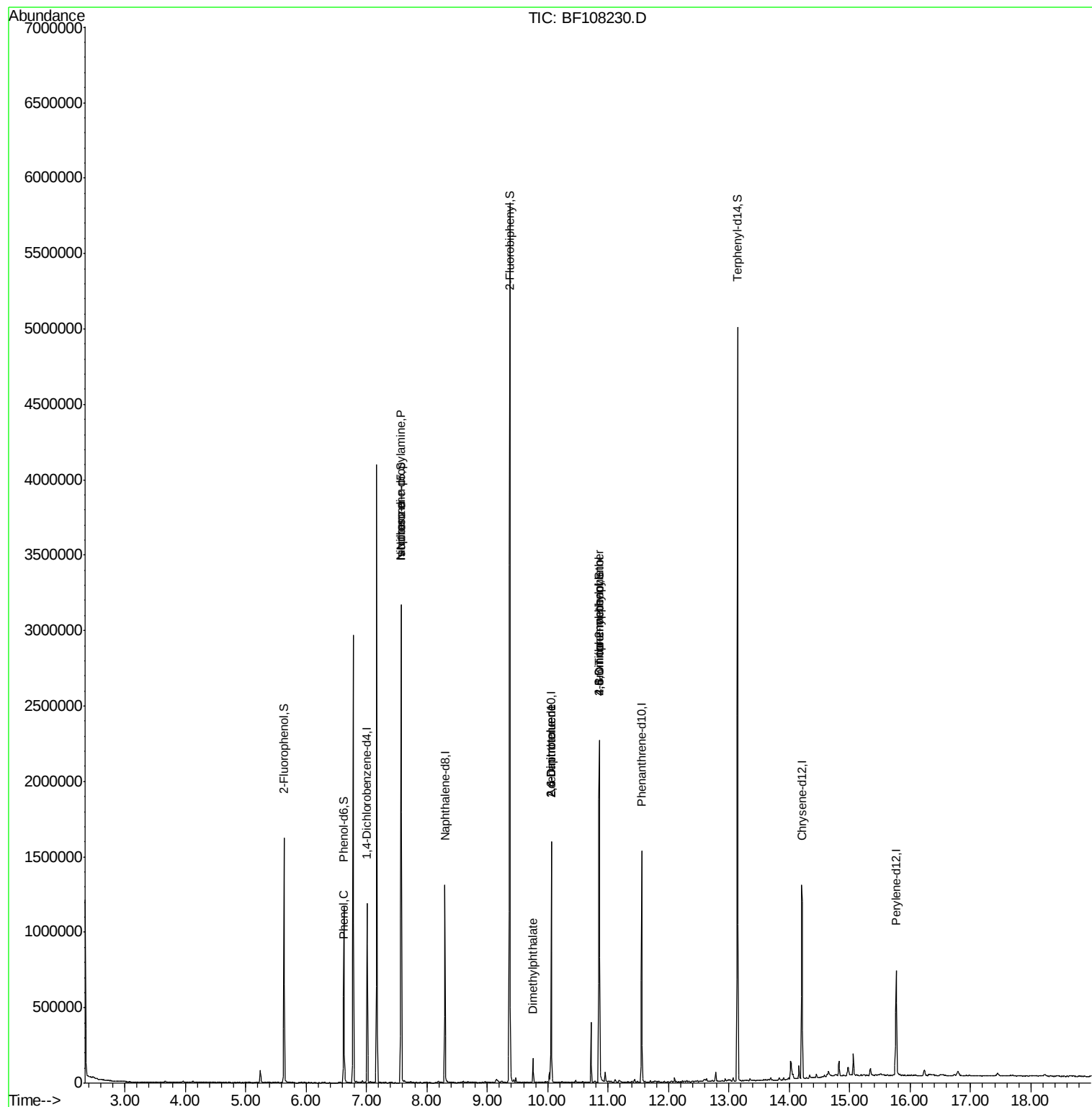
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.64	94	26329	2.095	ng	93
19) n-Nitroso-di-n-propylamine	7.58	70	139255	16.952	ng	# 83
25) Isophorone	7.58	82	1020275	50.209	ng	# 64
49) Dimethylphthalate	9.76	163	56611	2.842	ng	99
50) 2,6-Dinitrotoluene	10.06	165	37811	9.073	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	37811	7.048	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	489	5.573	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	18239	3.112	ng	# 1

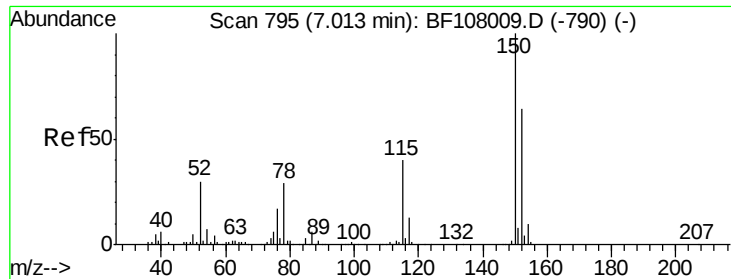
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
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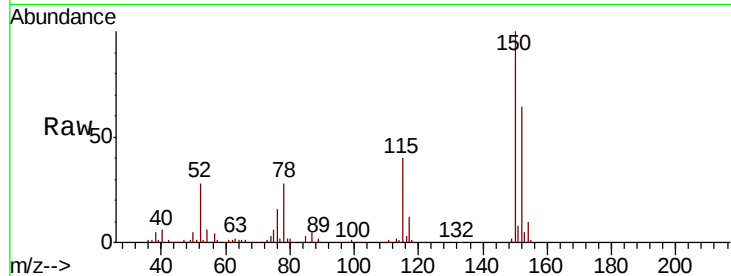


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-U-S

Tgt Ion	Resp	Lower	Upper
152	165496		
150	155.4	124.6	186.8
115	61.6	50.1	75.1

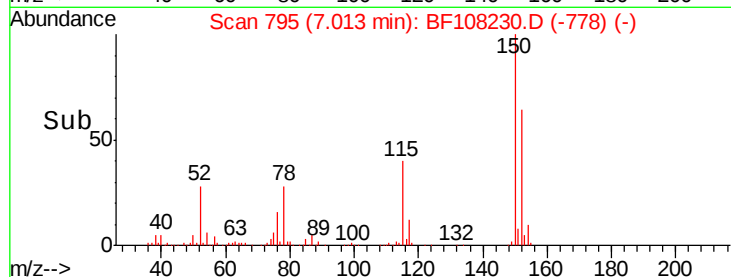
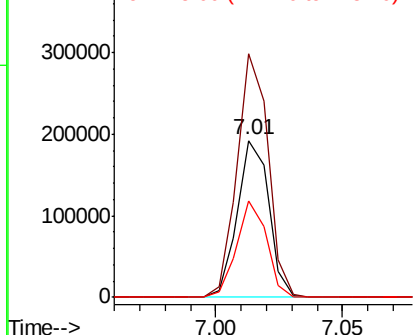


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

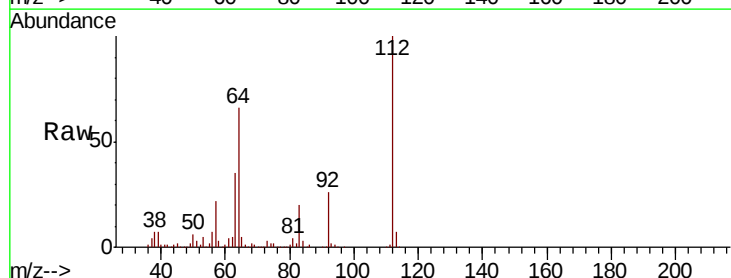
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.087 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Tgt Ion	Resp	Lower	Upper
112	375578		
64	66.4	47.9	71.9
63	35.2	23.7	35.5

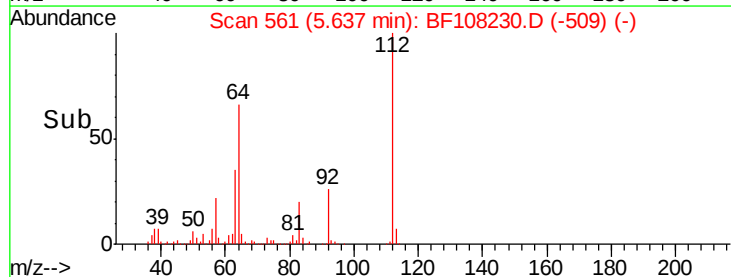
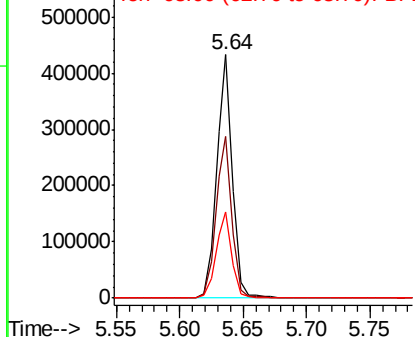


Abundance

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: 25.272 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

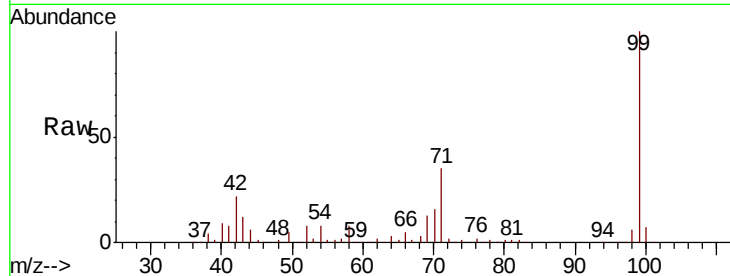
Tgt Ion: 99 Resp: 306986

Ion Ratio Lower Upper

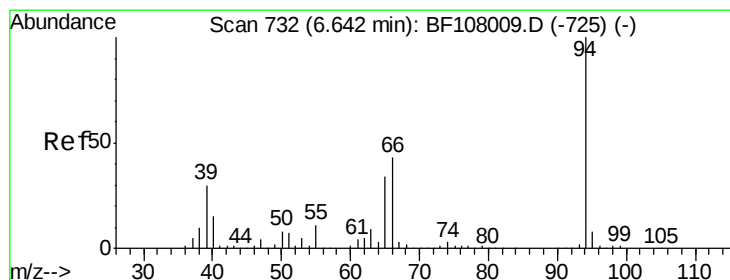
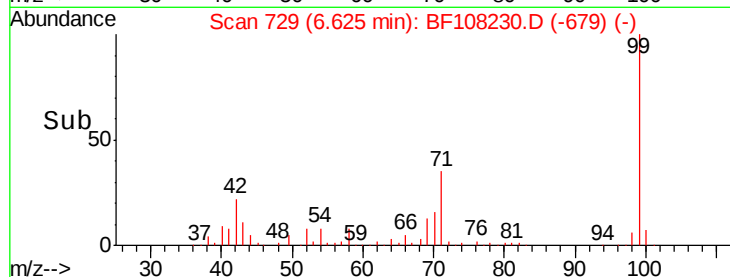
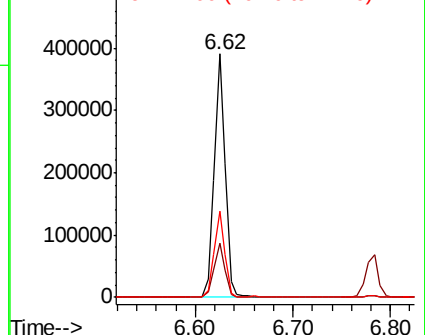
99 100

42 22.4 14.5 21.7#

71 35.5 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



#10

Phenol

Concen: 2.095 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

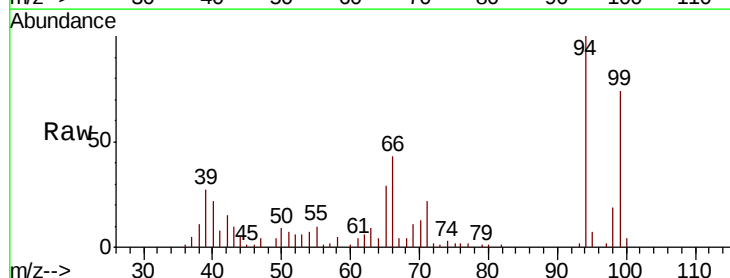
Tgt Ion: 94 Resp: 26329

Ion Ratio Lower Upper

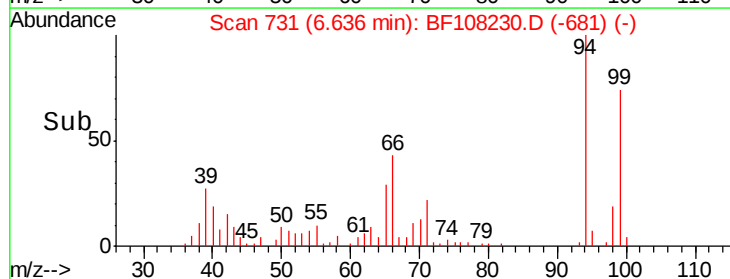
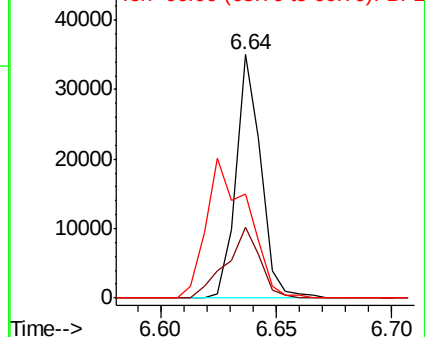
94 100

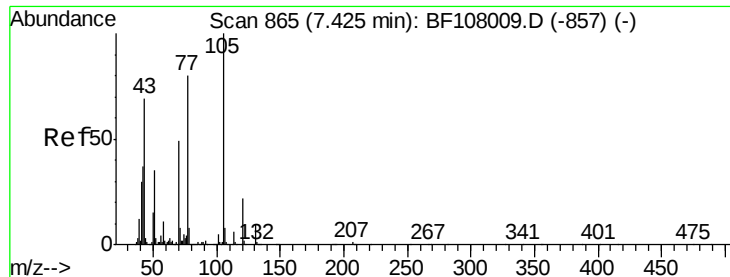
65 29.3 7.9 47.9

66 42.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

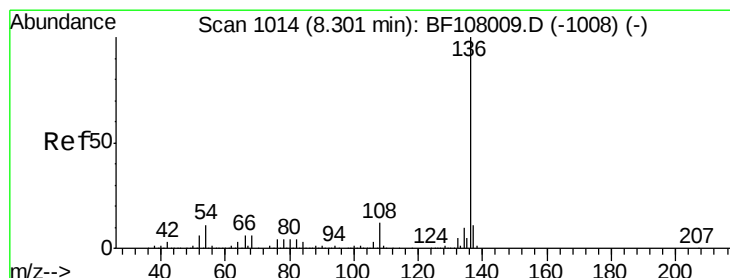
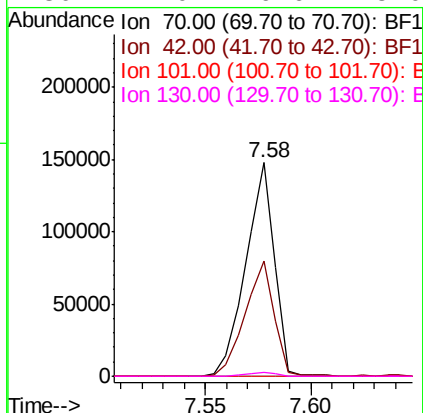
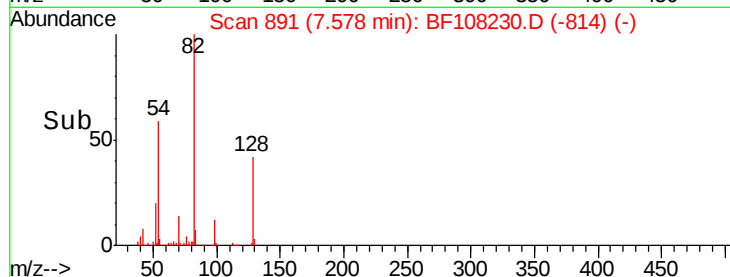
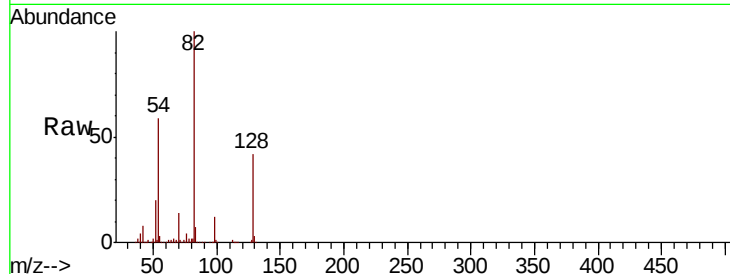




#19
n-Nitroso-di-n-propylamine
Concen: 16.952 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

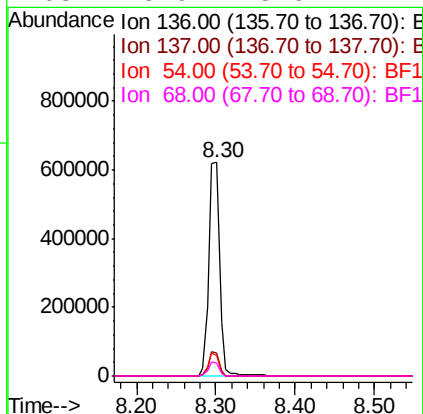
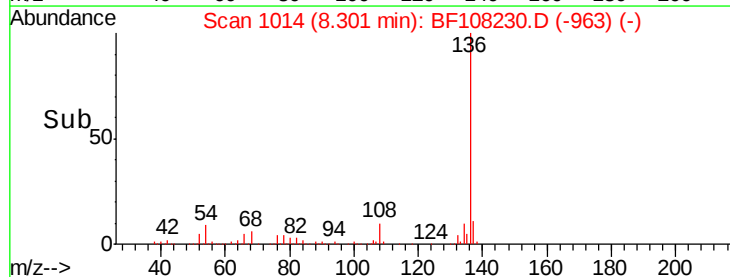
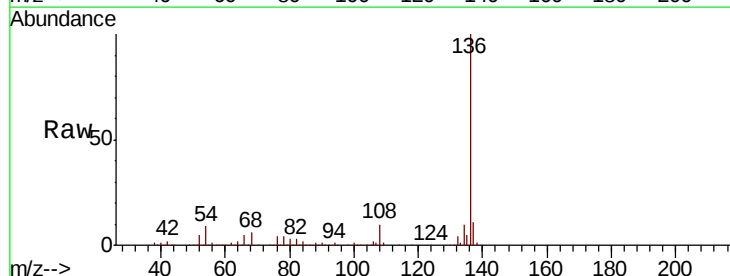
Instrument :
BNA_F
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081418-TIPC-F-U-S

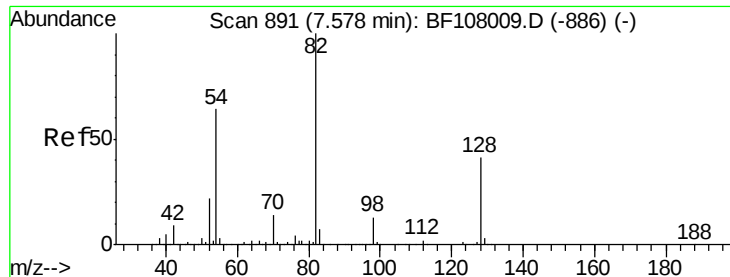
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.3	6.6	9.8
68	5.9	5.0	7.4

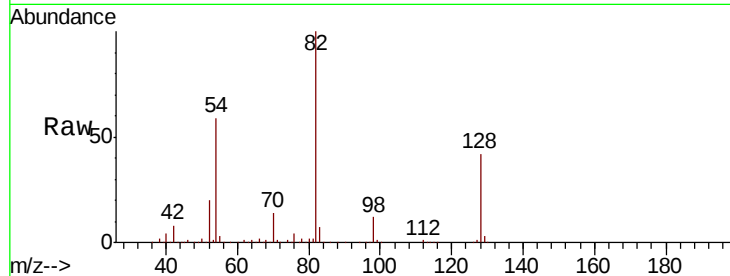




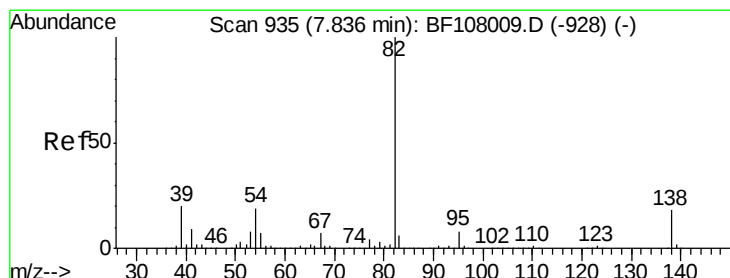
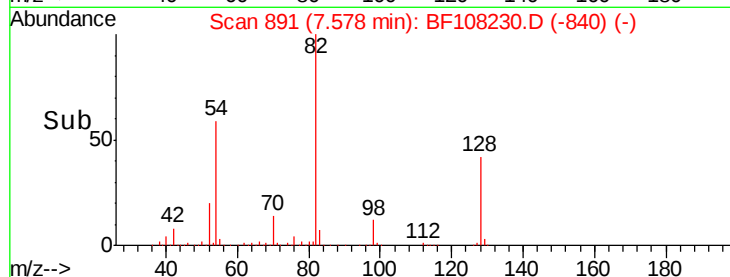
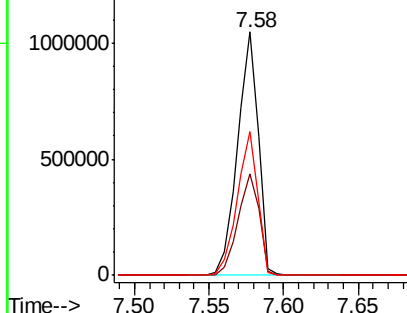
#23
Nitrobenzene-d5
Concen: 95.849 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-U-S

Tgt Ion: 82 Resp: 1021855
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 59.1 41.4 62.2

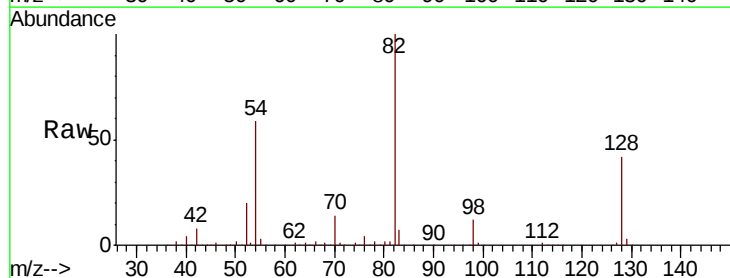


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

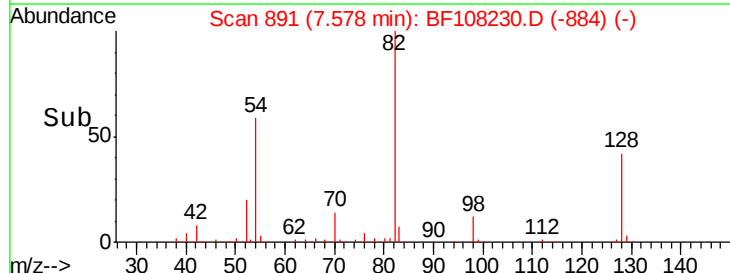
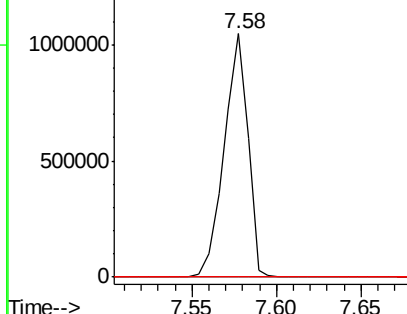


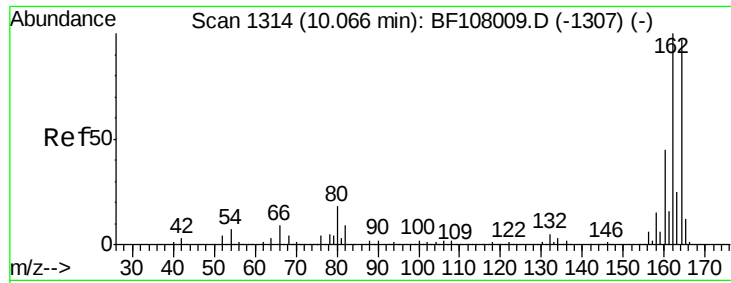
#25
Isophorone
Concen: 50.209 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Tgt Ion: 82 Resp: 1020275
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: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

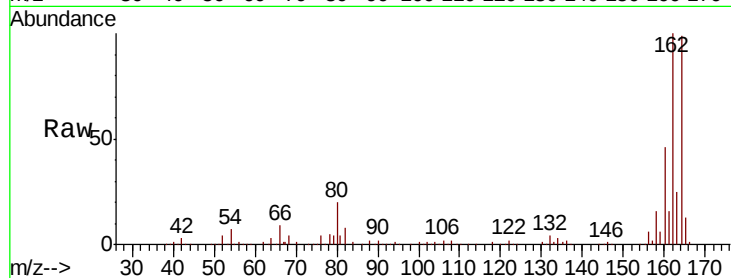
Tgt Ion:164 Resp: 285963

Ion Ratio Lower Upper

164 100

162 100.6 86.1 129.1

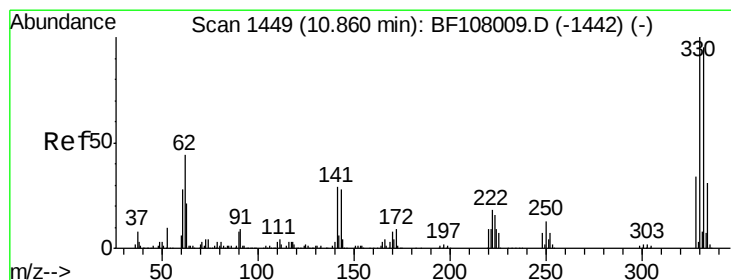
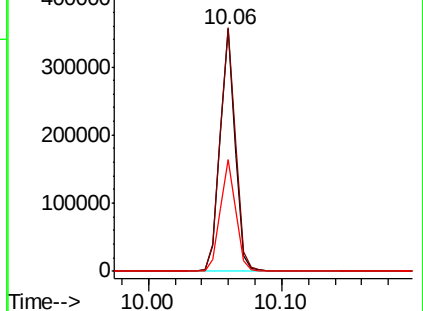
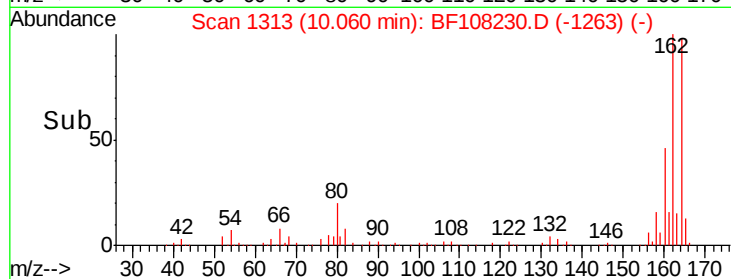
160 46.5 38.3 57.5



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: 95.512 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

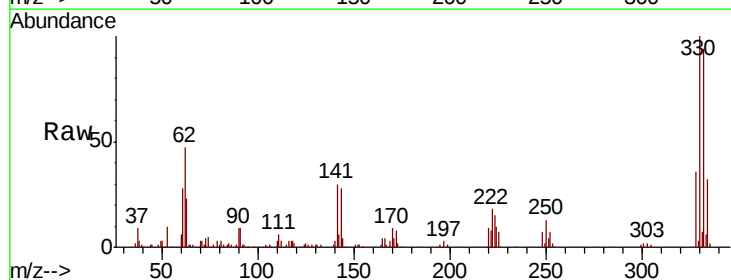
Tgt Ion:330 Resp: 272439

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

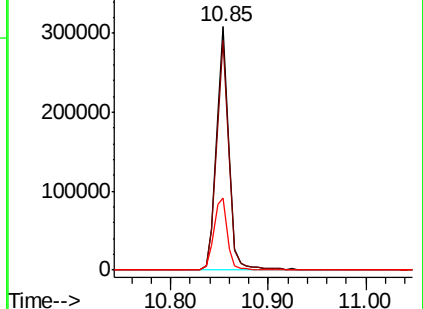
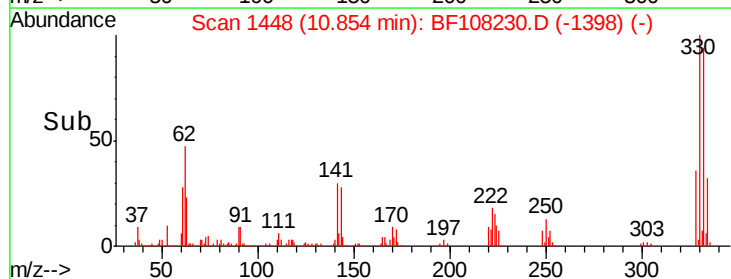
141 33.0 29.9 44.9

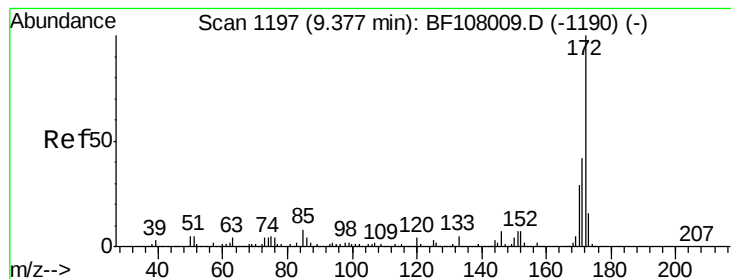


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

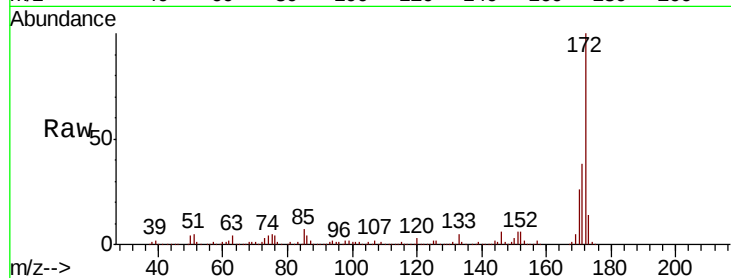




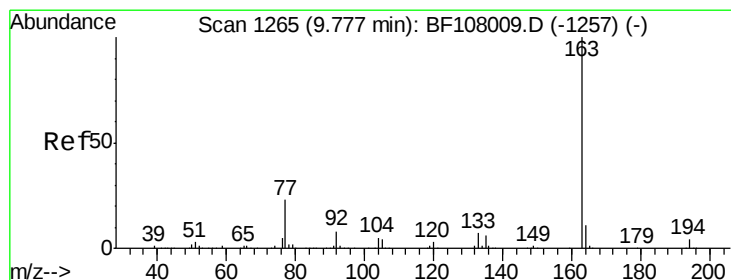
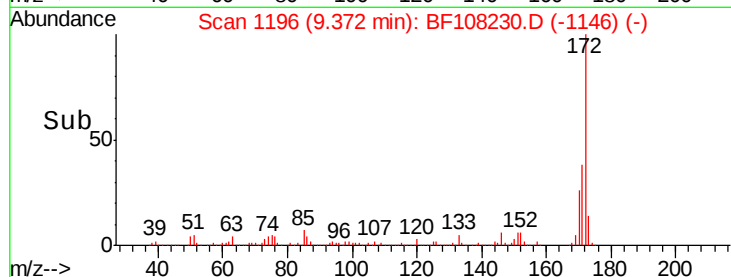
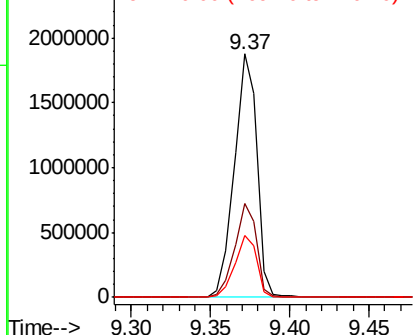
#44
 2-Fluorobiphenyl
 Concen: 104.129 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108230.D
 Acq: 17 Aug 2018 7:21

Instrument :
 BNA_F
 ClientSampleId :
 081418-TIPC-F-U-S

Tgt Ion:172 Resp: 1854734
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.7 44.5
 170 25.5 19.6 29.4

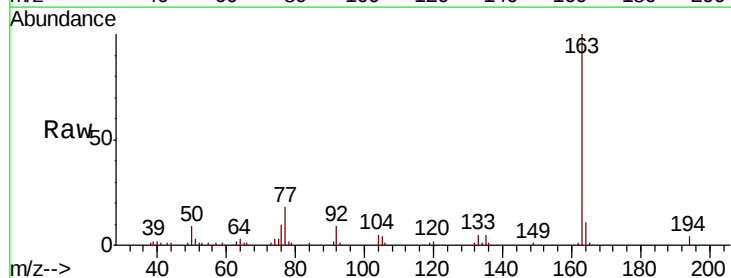


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

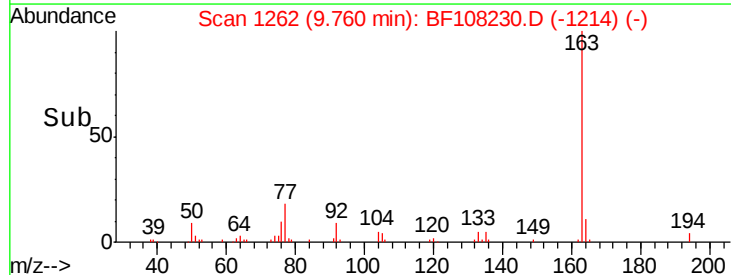
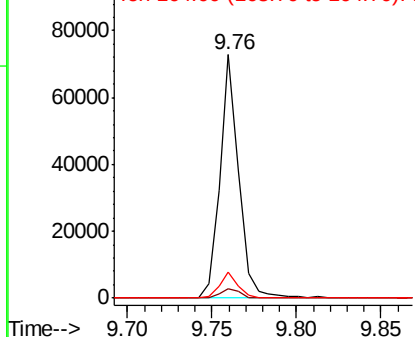


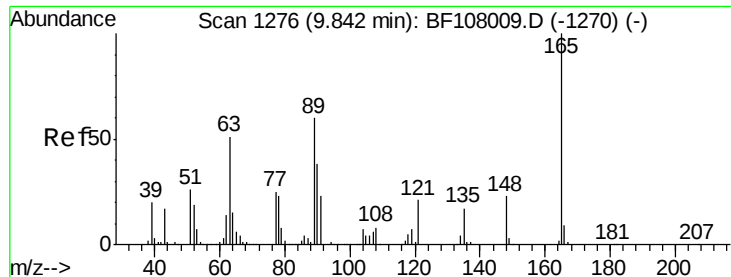
#49
 Dimethylphthalate
 Concen: 2.842 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108230.D
 Acq: 17 Aug 2018 7:21

Tgt Ion:163 Resp: 56611
 Ion Ratio Lower Upper
 163 100
 194 4.0 2.7 4.1
 164 10.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

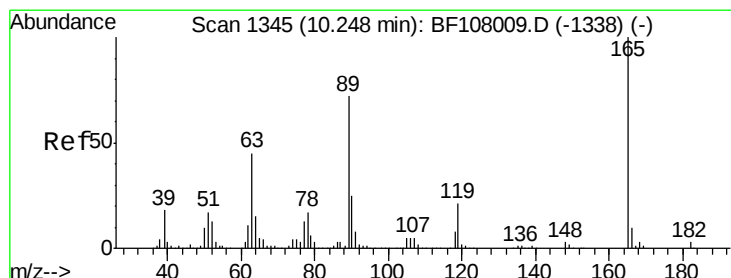
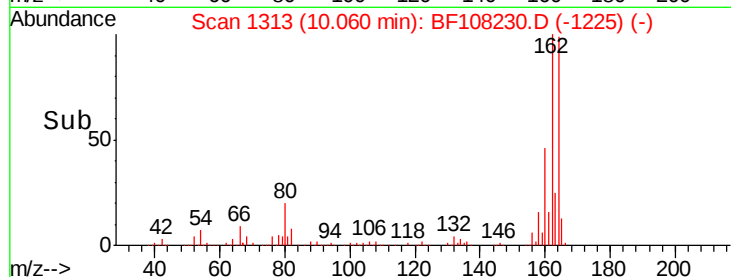
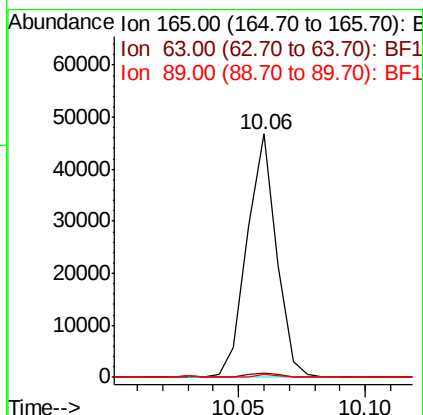
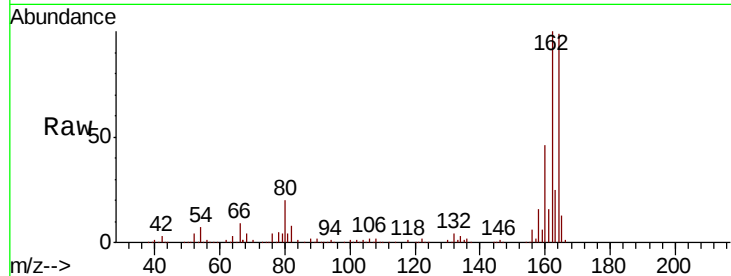




#50
 2,6-Dinitrotoluene
 Concen: 9.073 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108230.D
 Acq: 17 Aug 2018 7:21

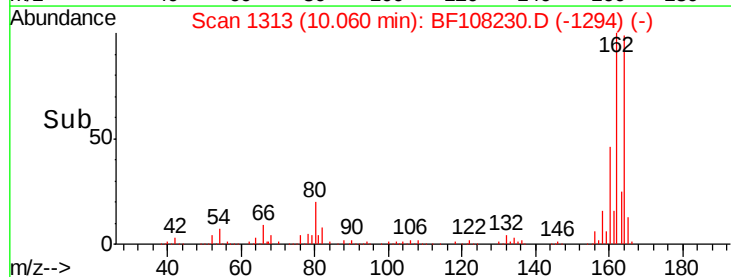
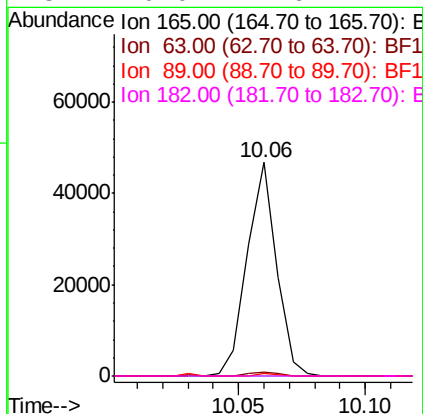
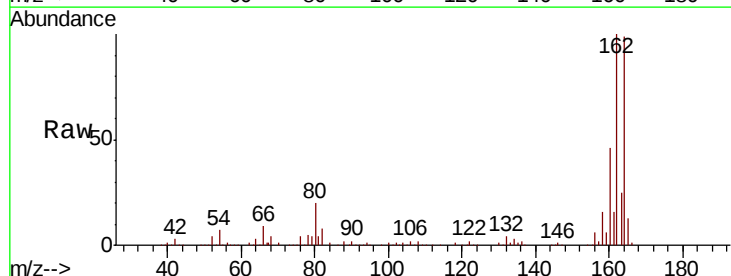
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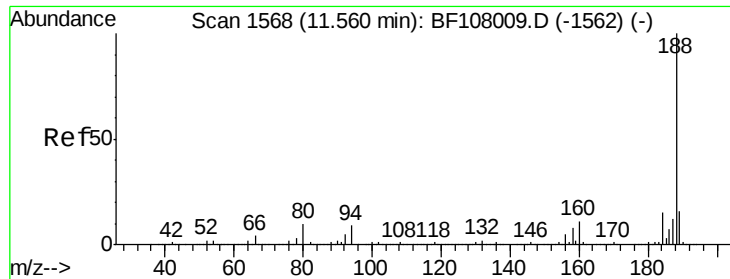
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.048 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108230.D
 Acq: 17 Aug 2018 7:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

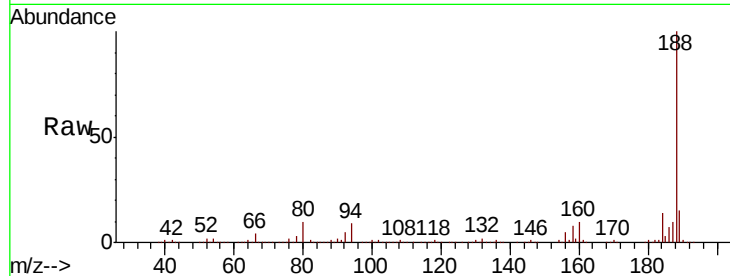
Tgt Ion:188 Resp: 539259

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

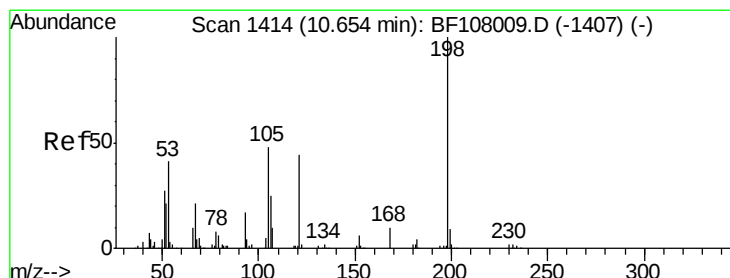
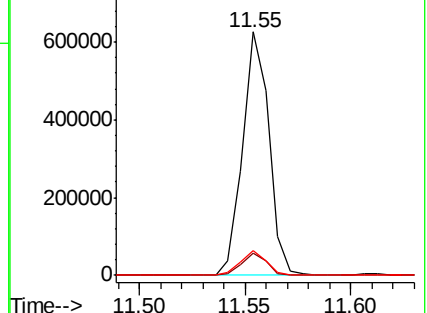
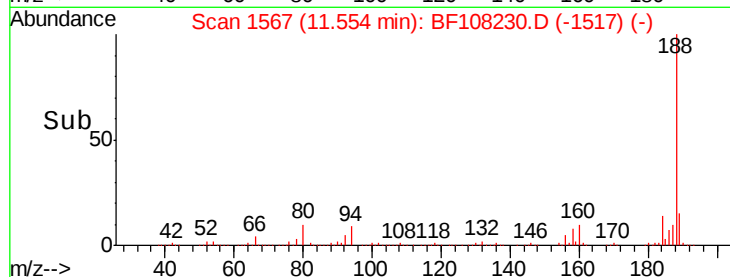
80 10.3 9.2 13.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.573 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.20 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

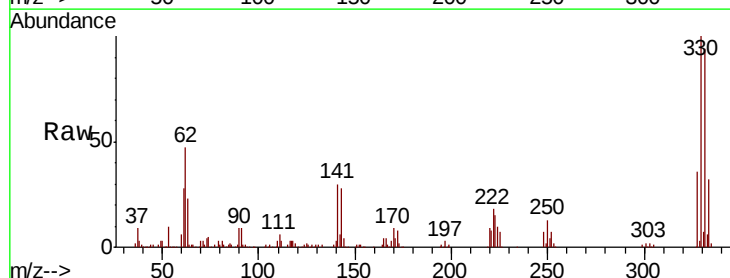
Tgt Ion:198 Resp: 489

Ion Ratio Lower Upper

198 100

51 195.1 37.7 77.7#

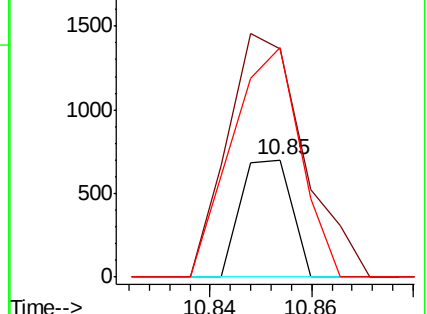
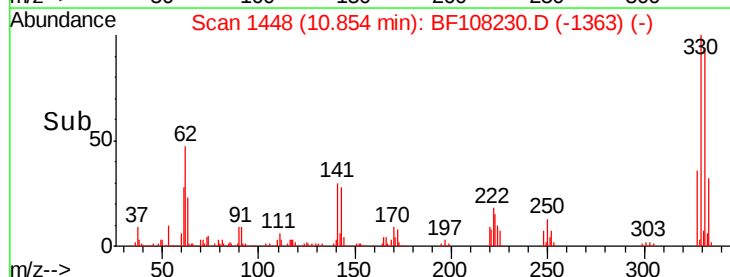
105 195.9 36.3 76.3#

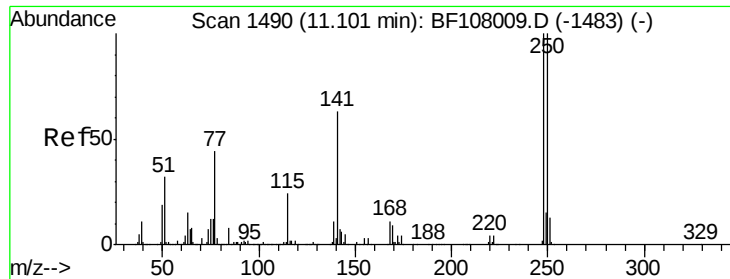


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

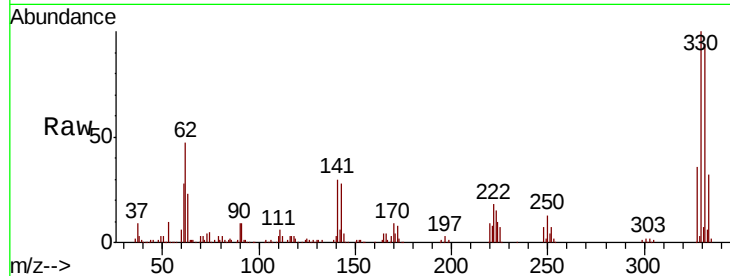




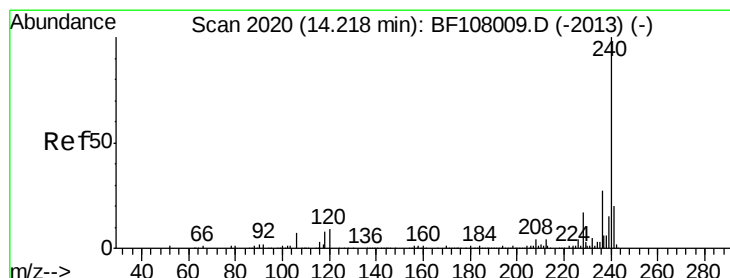
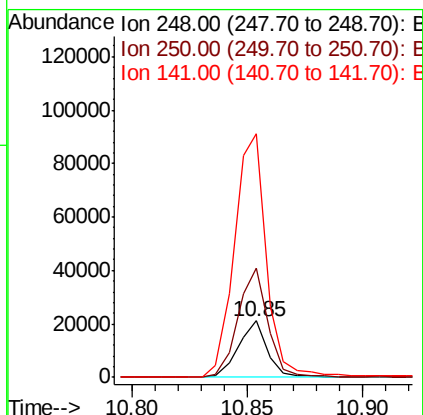
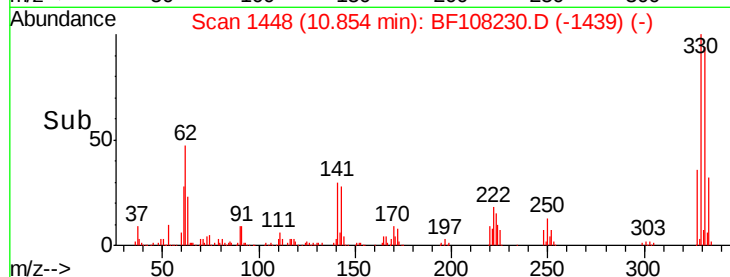
#66
4-Bromophenyl-phenylether
Concen: 3.112 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Instrument :
BNA_F
ClientSampleId :
081418-TIPC-F-U-S

Tgt Ion:248 Resp: 18239
Ion Ratio Lower Upper
248 100
250 193.5 76.9 115.3#
141 430.3 74.4 111.6#

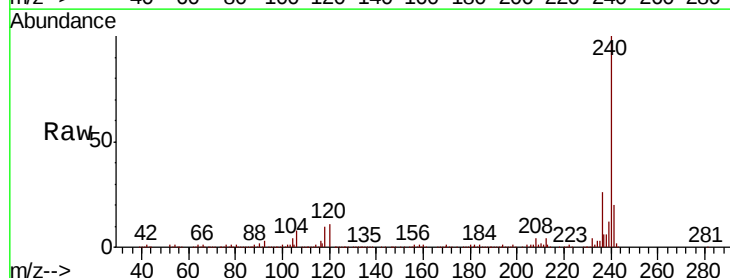


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

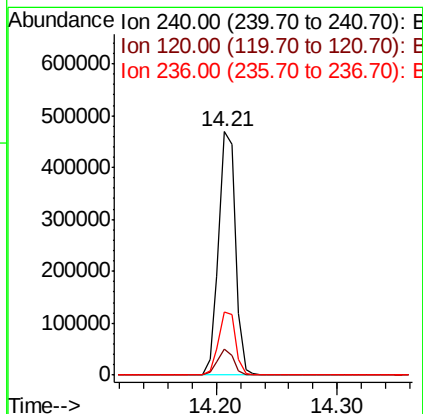
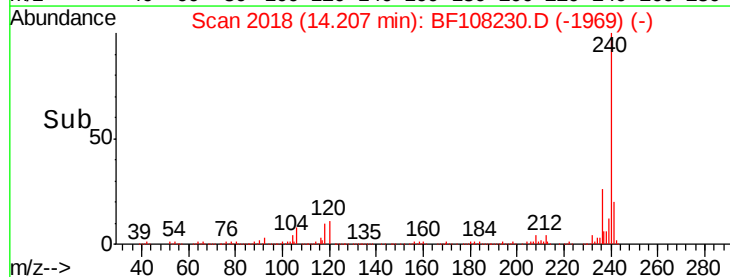


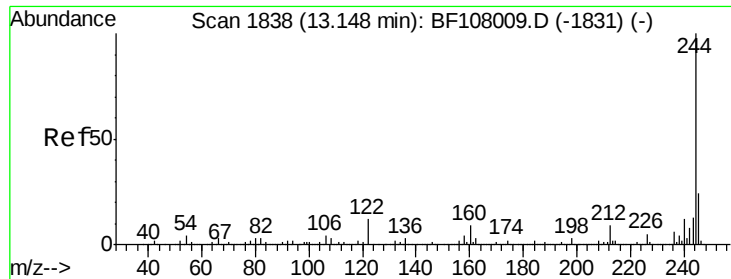
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108230.D
Acq: 17 Aug 2018 7:21

Tgt Ion:240 Resp: 451511
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.0 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: 100.699 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

Instrument :

BNA_F

ClientSampleId :

081418-TIPC-F-U-S

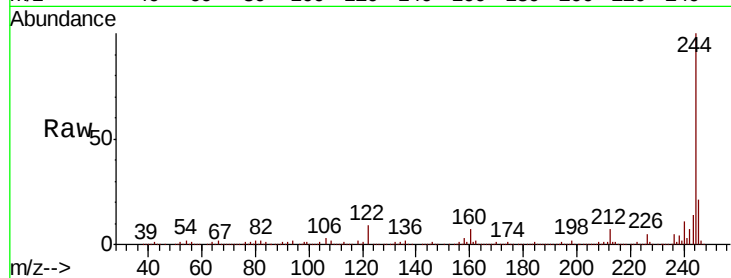
Tgt Ion:244 Resp: 1788224

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

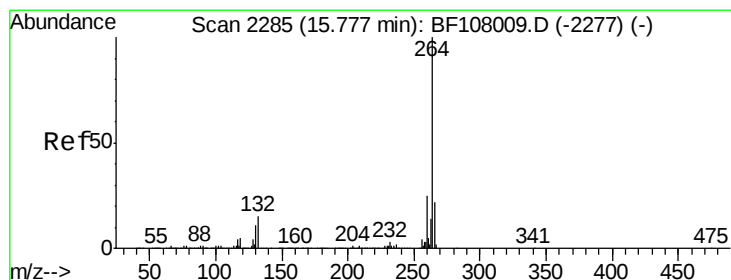
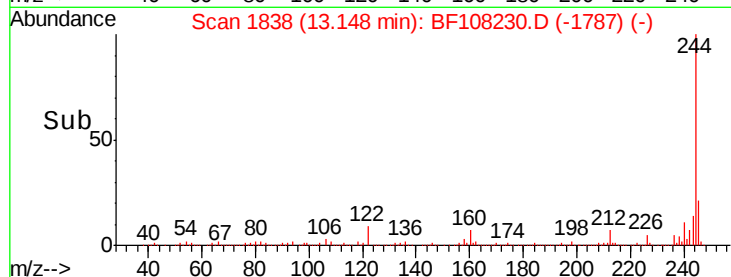
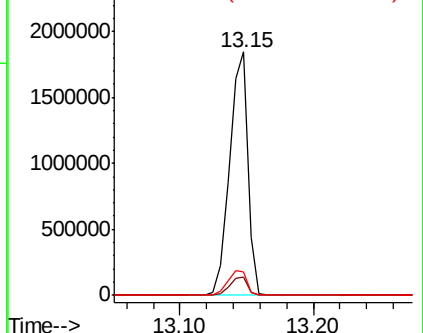
122 9.4 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108230.D

Acq: 17 Aug 2018 7:21

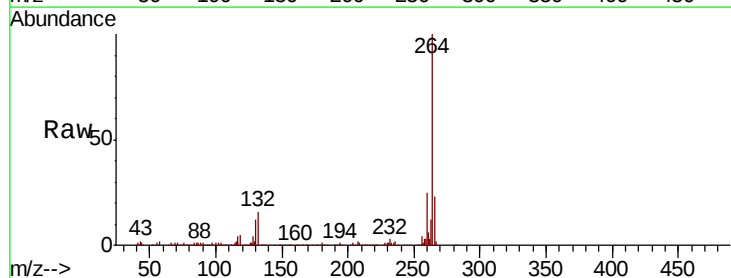
Tgt Ion:264 Resp: 350949

Ion Ratio Lower Upper

264 100

260 25.4 19.2 28.8

265 22.7 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

