

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080918\
 Data File : BF108072.D
 Acq On : 10 Aug 2018 1:08
 Operator : JU/SJ
 Sample : J4378-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 080618-TIPC-E-D-M

Quant Time: Aug 10 03:33:05 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	287365	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	999792	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	443632	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	707119	20.00	ng	0.00
75) Chrysene-d12	14.21	240	660776	20.00	ng	0.00
86) Perylene-d12	15.77	264	484991	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	808500	50.94	ng	0.00
7) Phenol-d6	6.62	99	696060	33.00	ng	0.00
23) Nitrobenzene-d5	7.58	82	1886132	105.27	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	375776	84.92	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2931421	106.09	ng	0.00
78) Terphenyl-d14	13.15	244	2406646	92.60	ng	0.00

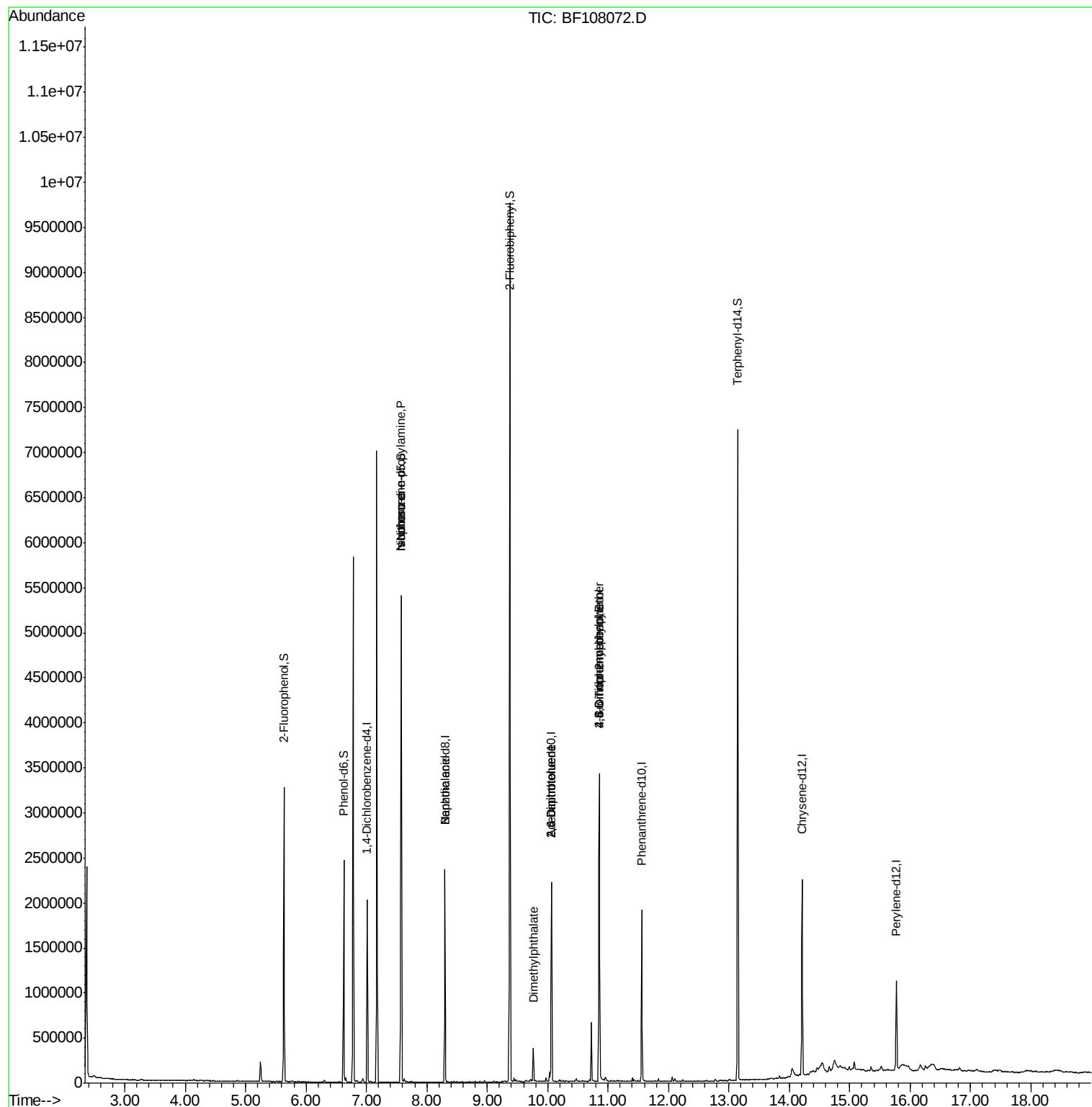
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.58	70	264834	18.567	ng	# 85
25) Isophorone	7.58	82	1883193	55.144	ng	# 64
32) Benzoic acid	8.30	122	112	5.986	ng	# 1
49) Dimethylphthalate	9.77	163	144900	4.689	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	56420	8.726	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	56420	6.779	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	831	5.637	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	26415	3.437	ng	# 1

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

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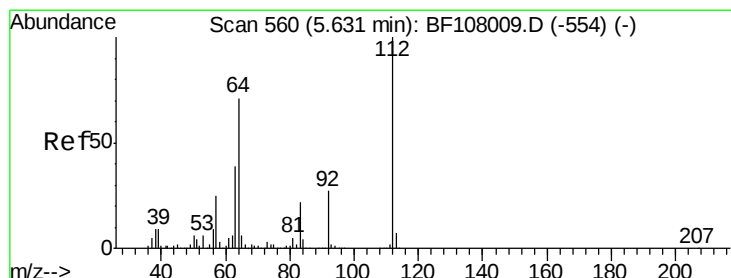
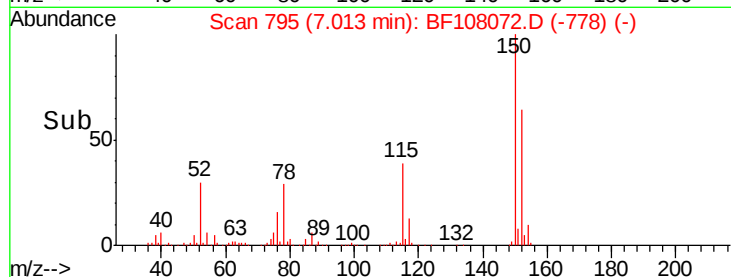
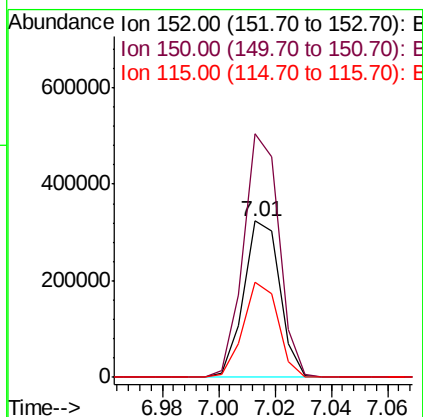
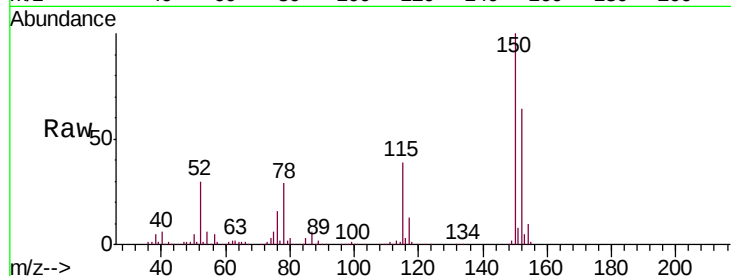


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Instrument :
BNA_F
ClientSampleId :
080618-TIPC-E-D-M

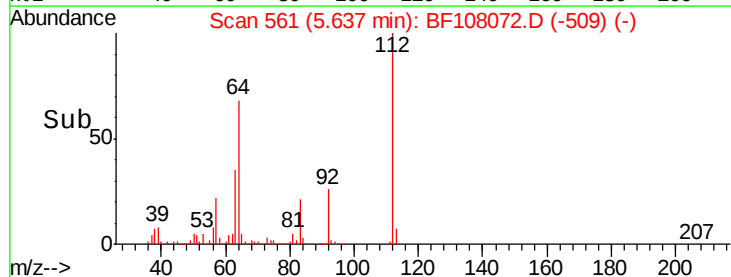
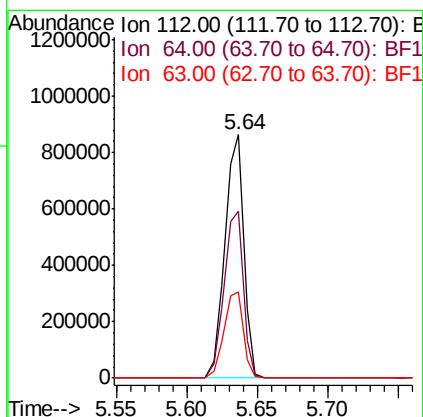
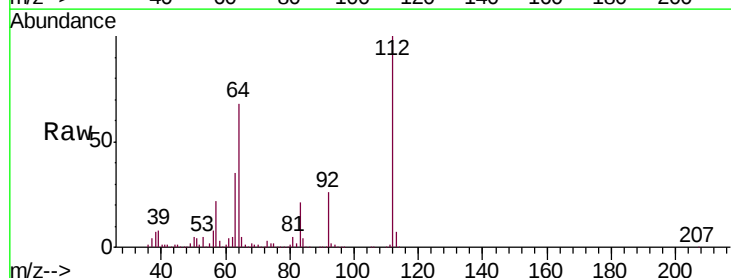
Tgt Ion:152 Resp: 287365
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 60.7 50.1 75.1

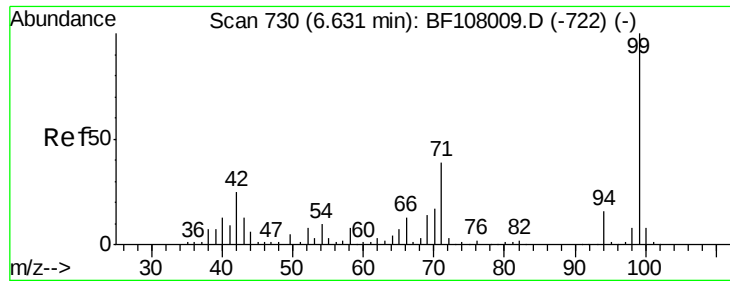


#5

2-Fluorophenol
Concen: 50.937 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Tgt Ion:112 Resp: 808500
Ion Ratio Lower Upper
112 100
64 68.3 47.9 71.9
63 35.3 23.7 35.5





#7

Phenol-d6

Concen: 33.000 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108072.D

Acq: 10 Aug 2018 1:08

Instrument :

BNA_F

ClientSampleId :

080618-TIPC-E-D-M

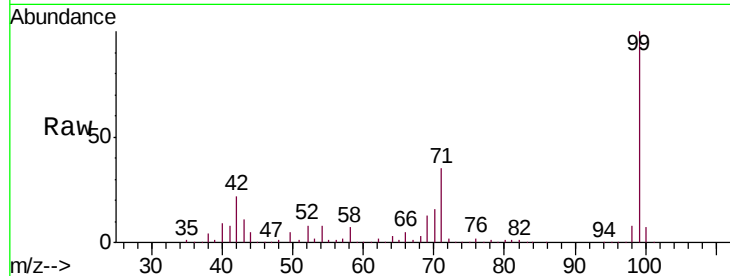
Tgt Ion: 99 Resp: 696060

Ion Ratio Lower Upper

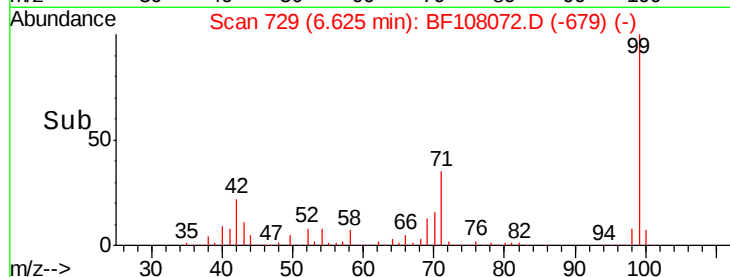
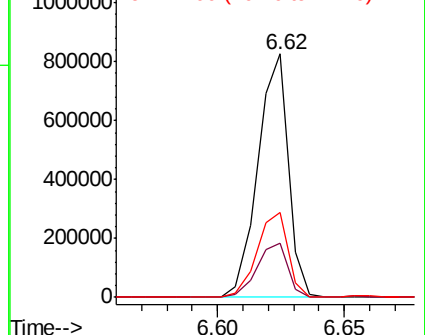
99 100

42 22.1 14.5 21.7#

71 34.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.567 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108072.D

Acq: 10 Aug 2018 1:08

Tgt Ion: 70 Resp: 264834

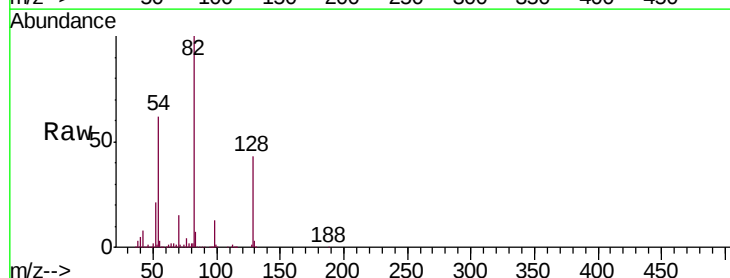
Ion Ratio Lower Upper

70 100

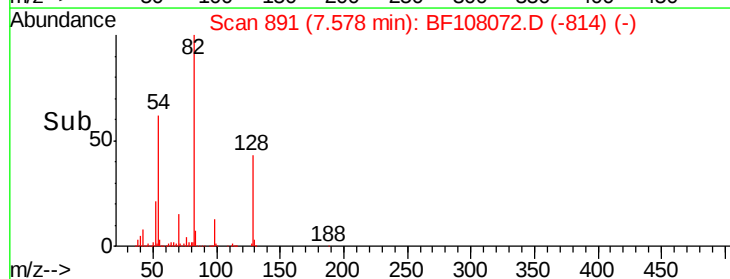
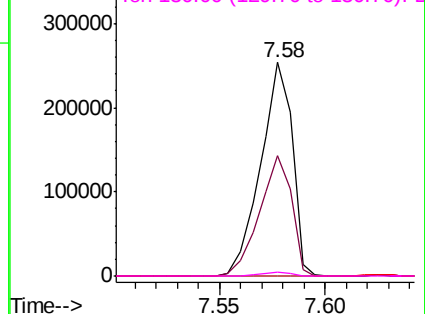
42 56.3 47.5 71.3

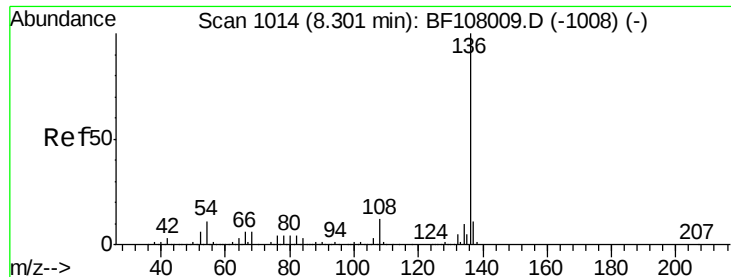
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

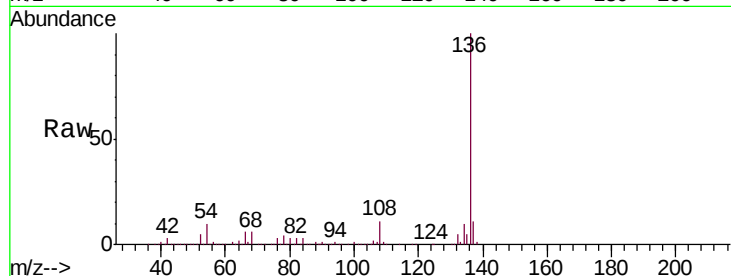




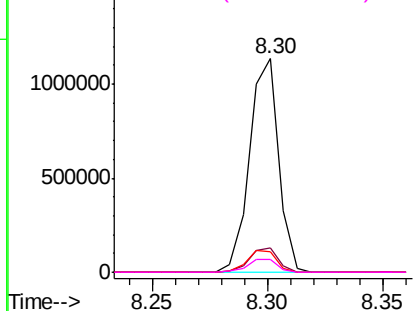
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Instrument :
BNA_F
ClientSampleId :
080618-TIPC-E-D-M

Tgt Ion:	136	Resp:	999792
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.6	6.6	9.8
68	5.8	5.0	7.4

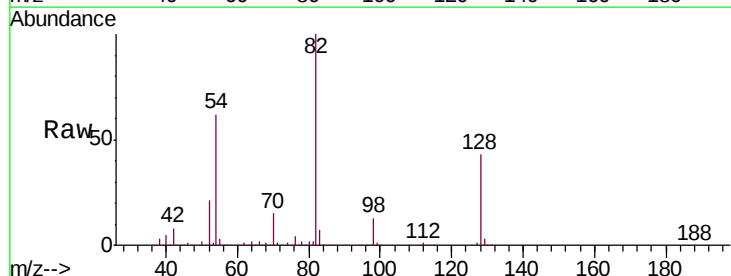


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

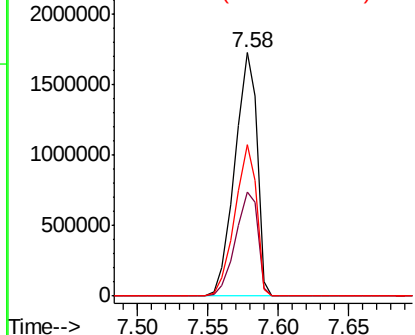


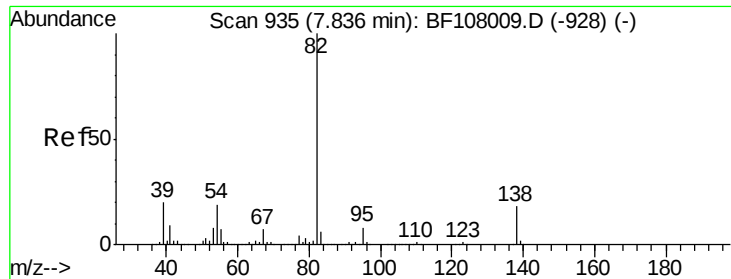
#23
Nitrobenzene-d5
Concen: 105.271 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Tgt Ion:	82	Resp:	1886132
Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	62.0	41.4	62.2



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

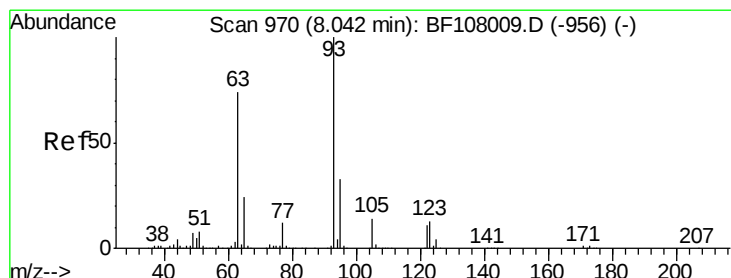
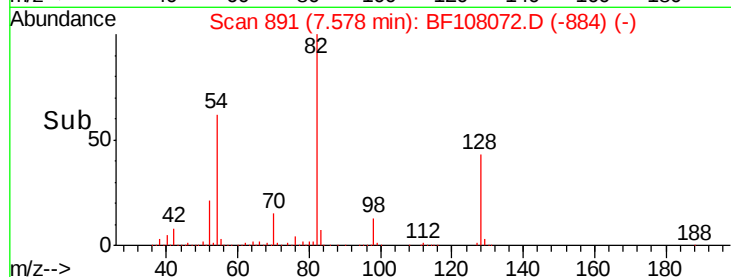
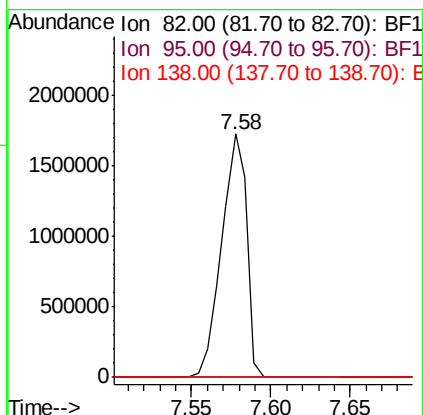
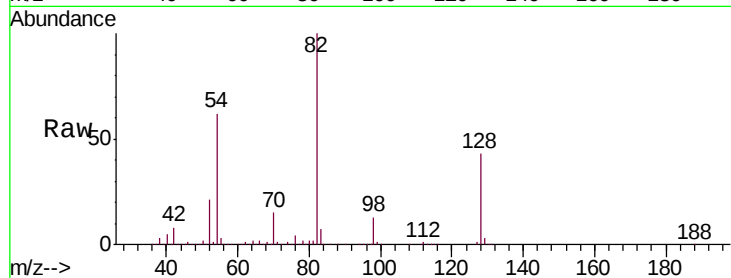




#25
Isophorone
Concen: 55.144 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

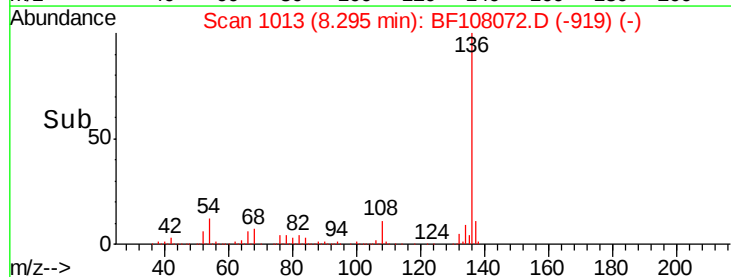
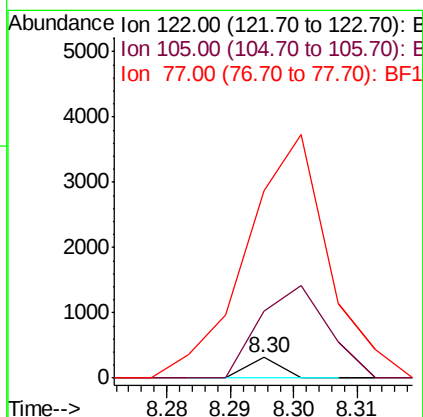
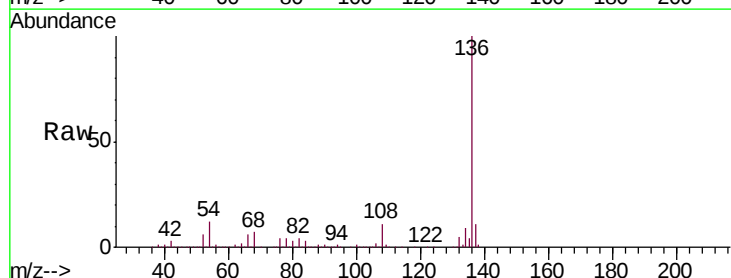
Instrument :
BNA_F
ClientSampleId :
080618-TIPC-E-D-M

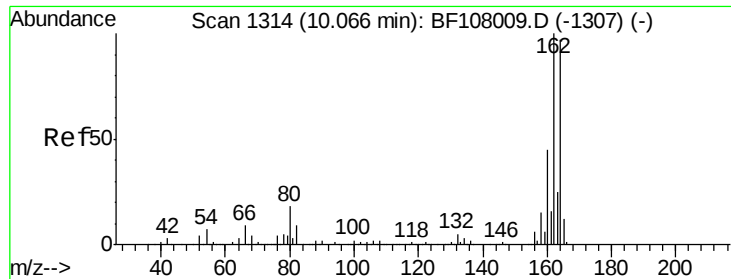
Tgt Ion: 82 Resp: 1883193
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#32
Benzoic acid
Concen: 5.986 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.25 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Tgt Ion: 122 Resp: 112
Ion Ratio Lower Upper
122 100
105 322.2 101.1 141.1#
77 906.3 70.7 110.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108072.D

Acq: 10 Aug 2018 1:08

Instrument :

BNA_F

ClientSampleId :

080618-TIPC-E-D-M

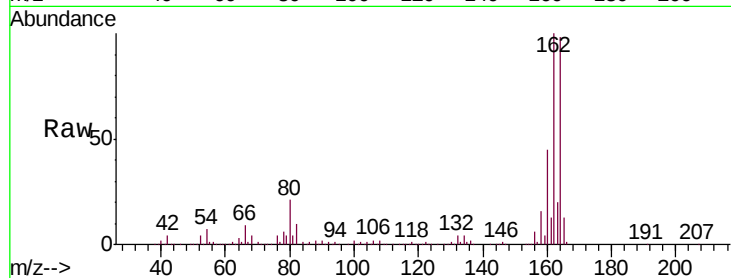
Tgt Ion:164 Resp: 443632

Ion Ratio Lower Upper

164 100

162 101.8 86.1 129.1

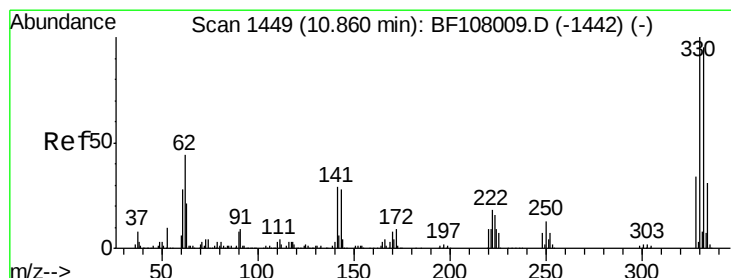
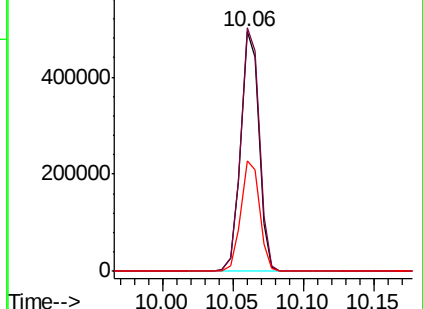
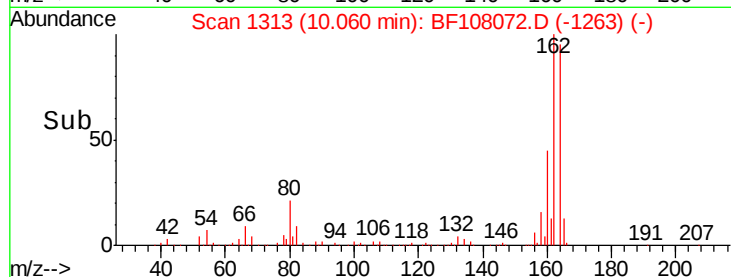
160 46.1 38.3 57.5



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: 84.919 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108072.D

Acq: 10 Aug 2018 1:08

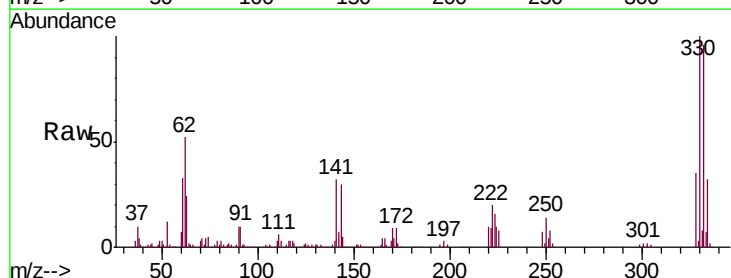
Tgt Ion:330 Resp: 375776

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

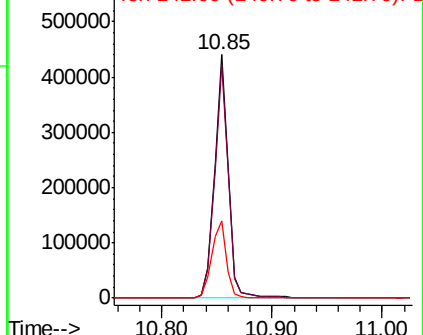
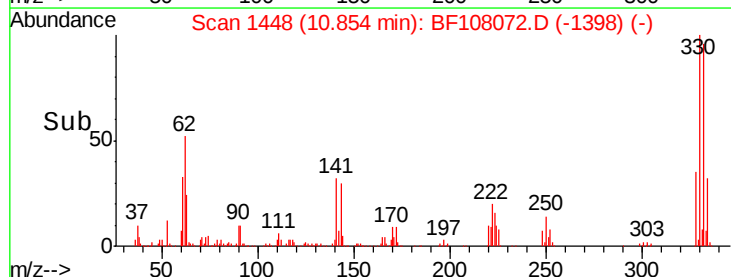
141 33.9 29.9 44.9

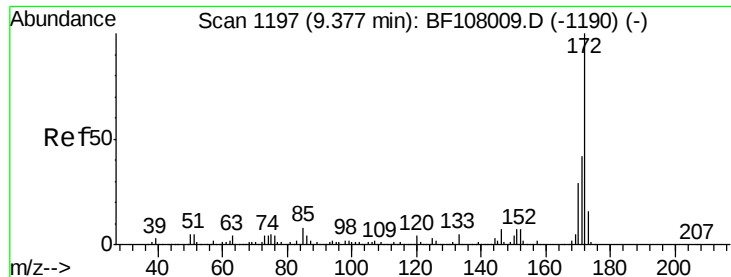


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

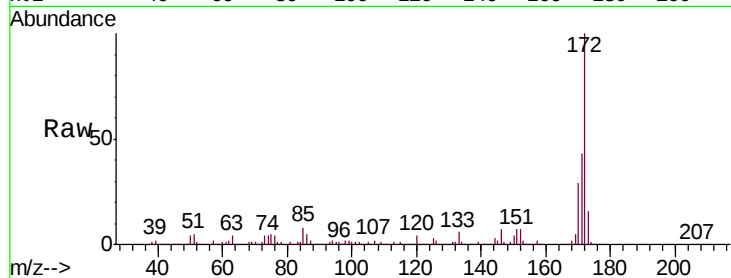




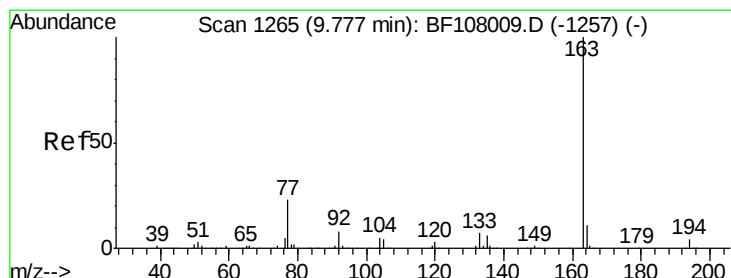
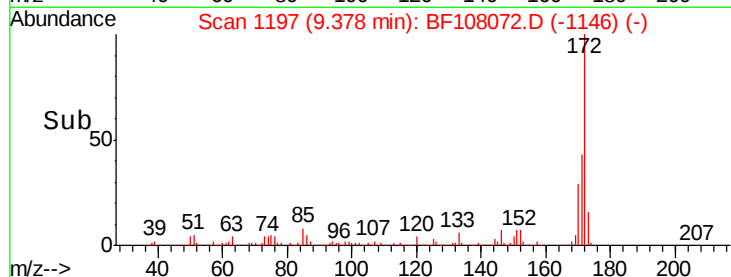
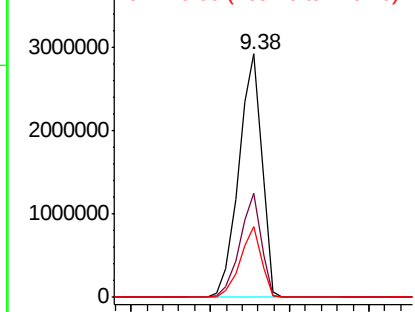
#44
2-Fluorobiphenyl
Concen: 106.086 ng
RT: 9.38 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Instrument :
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ClientSampleId :
080618-TIPC-E-D-M

Tgt Ion:172 Resp: 2931421
Ion Ratio Lower Upper
172 100
171 42.7 29.7 44.5
170 29.0 19.6 29.4

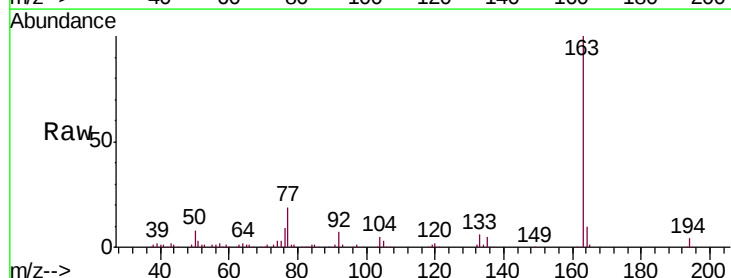


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

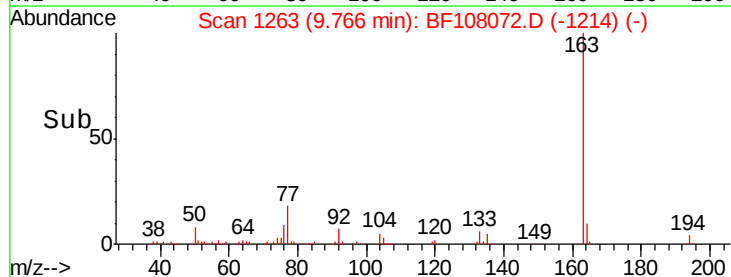
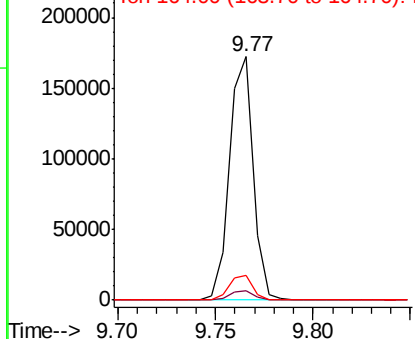


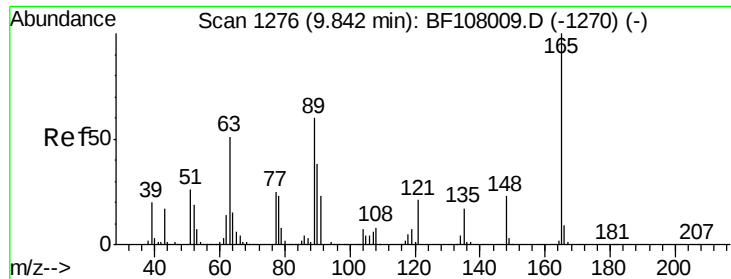
#49
Dimethylphthalate
Concen: 4.689 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Tgt Ion:163 Resp: 144900
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.0 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

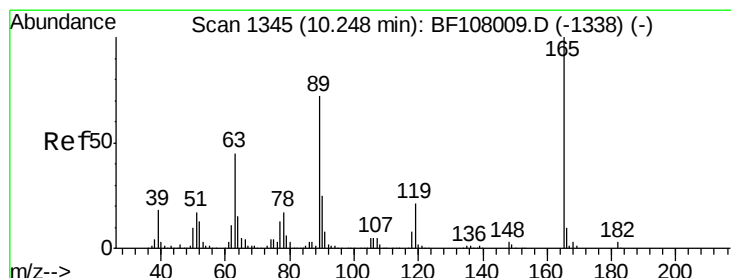
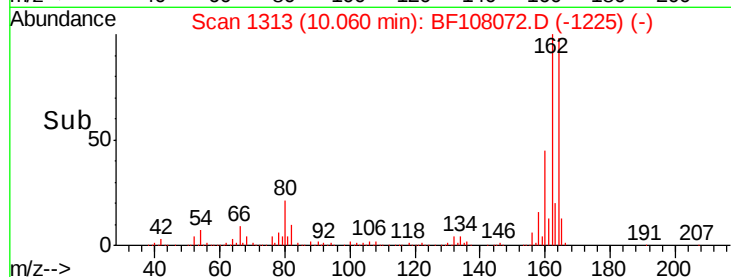
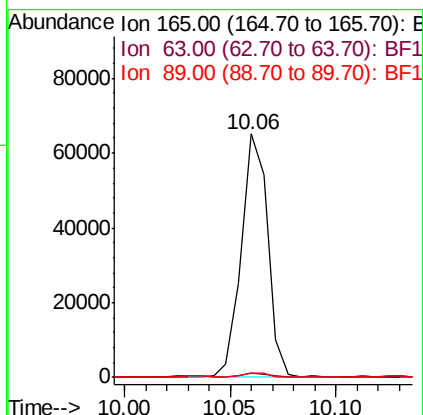
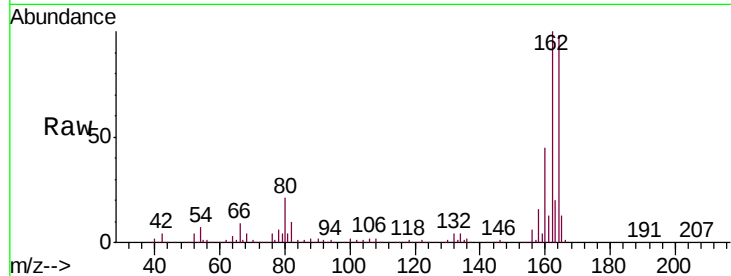




#50
 2,6-Dinitrotoluene
 Concen: 8.726 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108072.D
 Acq: 10 Aug 2018 1:08

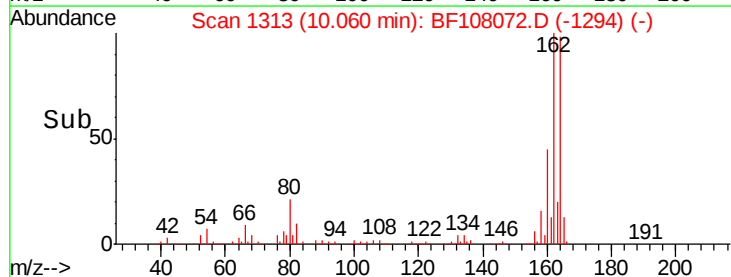
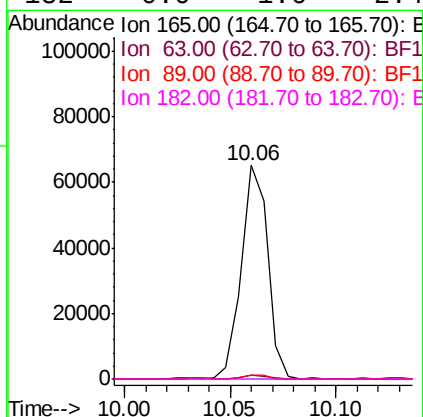
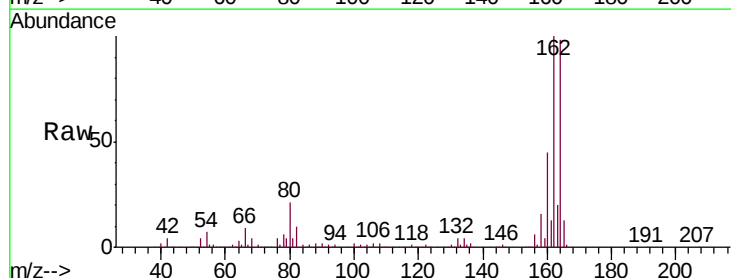
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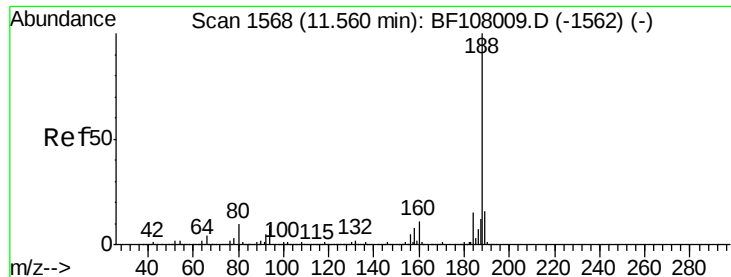
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.779 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108072.D
 Acq: 10 Aug 2018 1:08

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

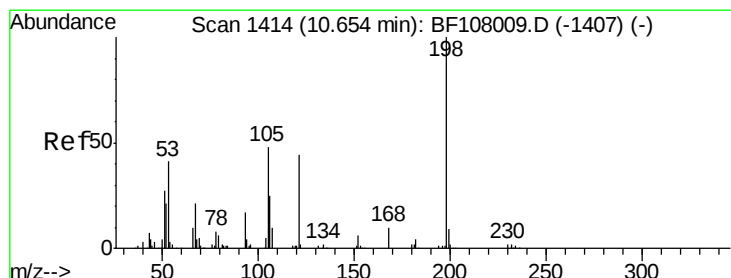
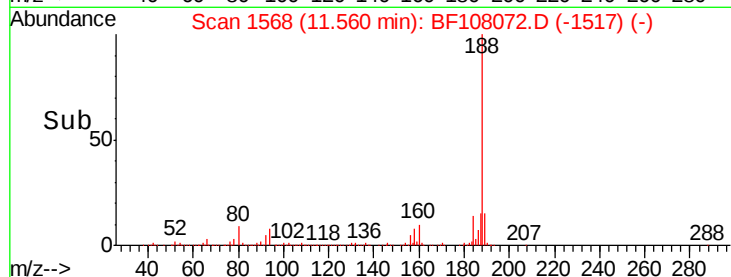
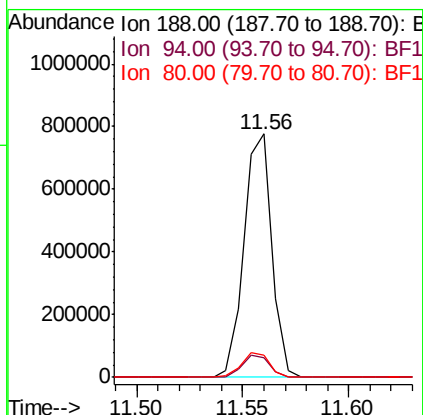
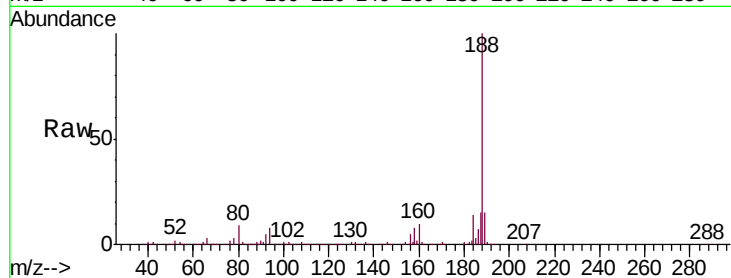




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

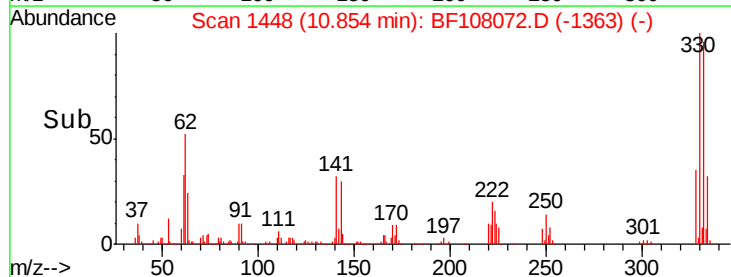
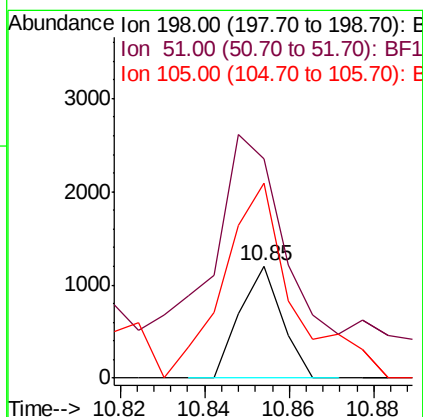
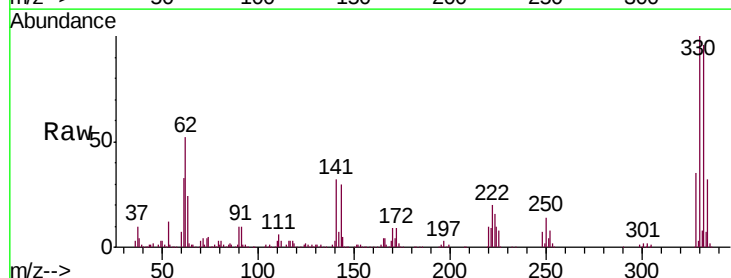
Instrument :
BNA_F
ClientSampleId :
080618-TIPC-E-D-M

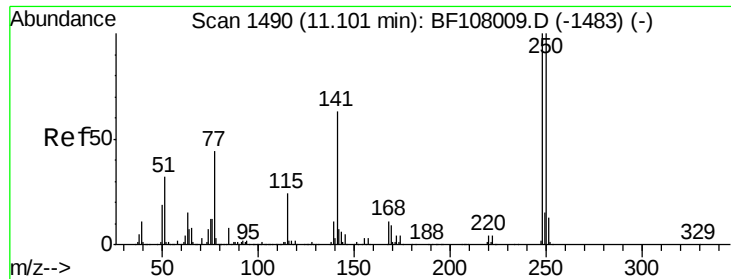
Tgt Ion:188 Resp: 707119
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.2 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.637 ng
RT: 10.85 min Scan# 1448
Delta R.T. 0.20 min
Lab File: BF108072.D
Acq: 10 Aug 2018 1:08

Tgt Ion:198 Resp: 831
Ion Ratio Lower Upper
198 100
51 195.8 37.7 77.7#
105 173.9 36.3 76.3#

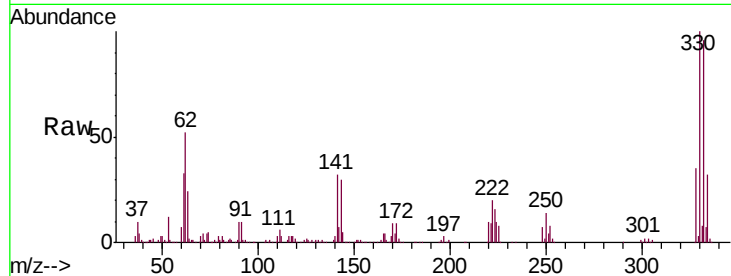




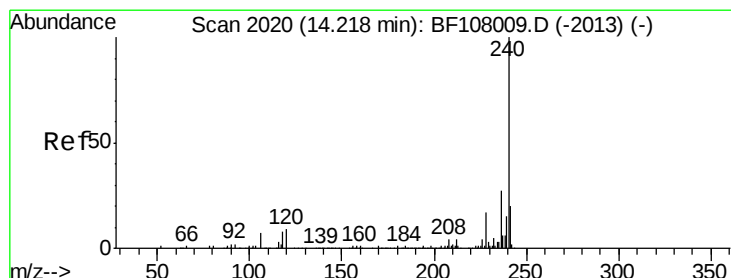
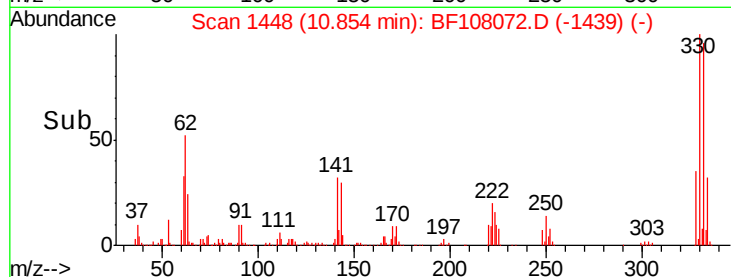
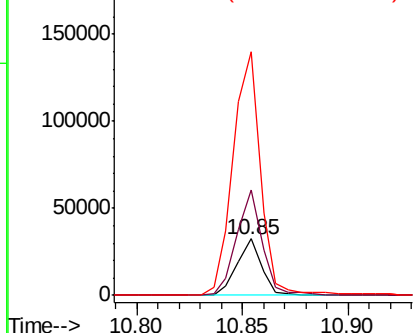
#66
 4-Bromophenyl-phenylether
 Concen: 3.437 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108072.D
 Acq: 10 Aug 2018 1:08

Instrument :
 BNA_F
 ClientSampleId :
 080618-TIPC-E-D-M

Tgt Ion:248 Resp: 26415
 Ion Ratio Lower Upper
 248 100
 250 186.8 76.9 115.3#
 141 432.7 74.4 111.6#

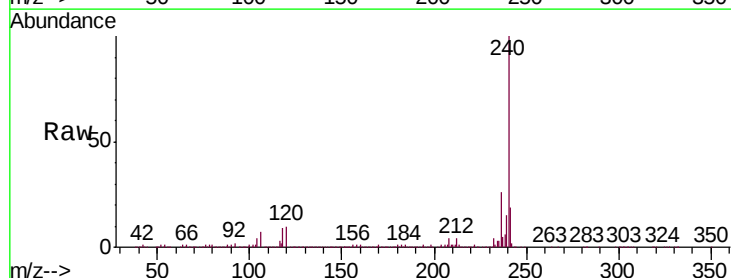


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

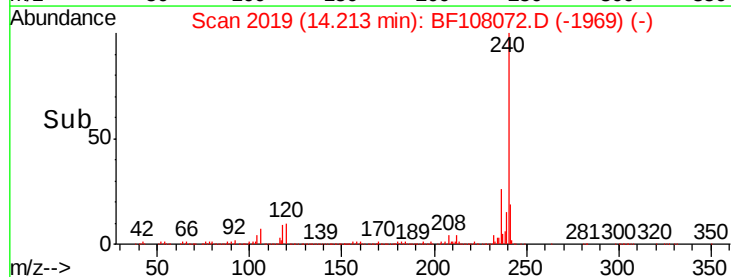
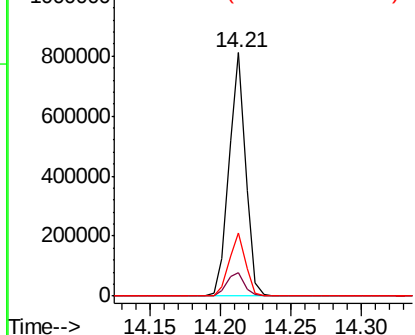


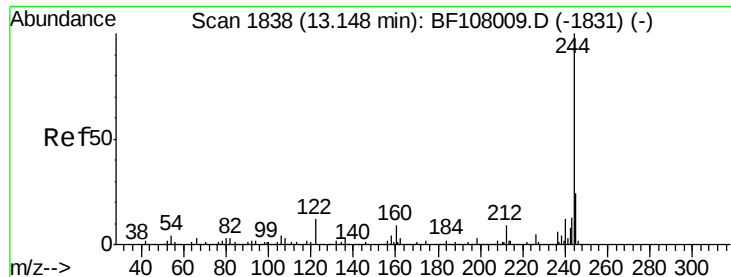
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF108072.D
 Acq: 10 Aug 2018 1:08

Tgt Ion:240 Resp: 660776
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.5 14.3
 236 26.1 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: 92.604 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108072.D

Acq: 10 Aug 2018 1:08

Instrument :

BNA_F

ClientSampleId :

080618-TIPC-E-D-M

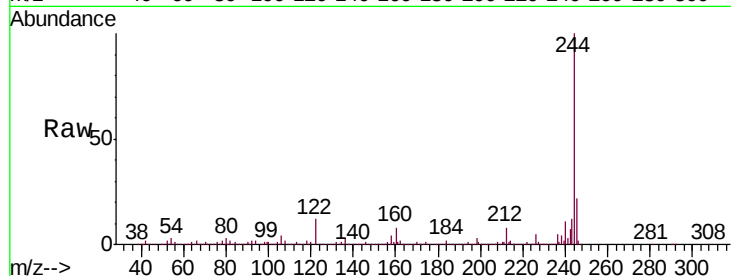
Tgt Ion:244 Resp: 2406646

Ion Ratio Lower Upper

244 100

212 8.1 5.4 8.0#

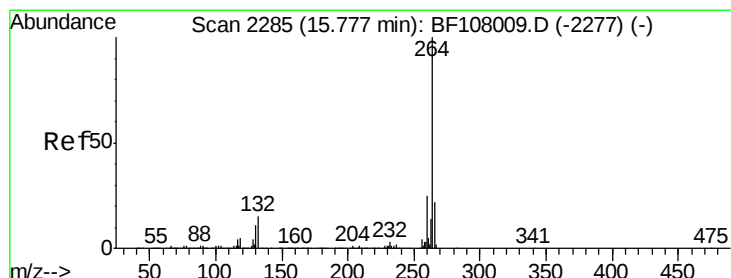
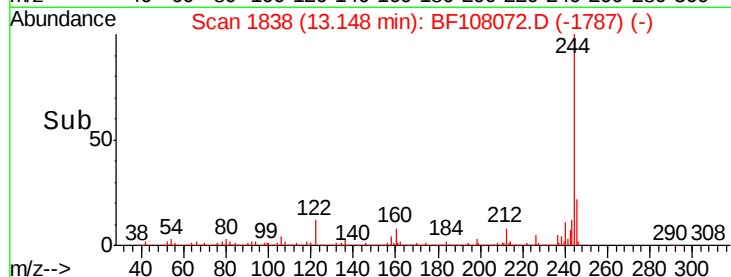
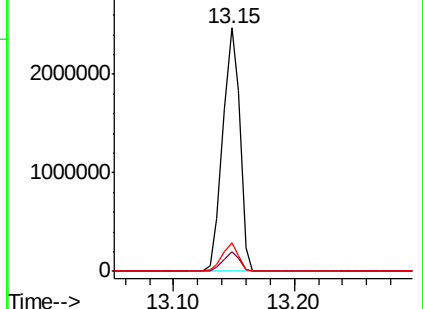
122 11.9 11.0 16.4



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: BF108072.D

Acq: 10 Aug 2018 1:08

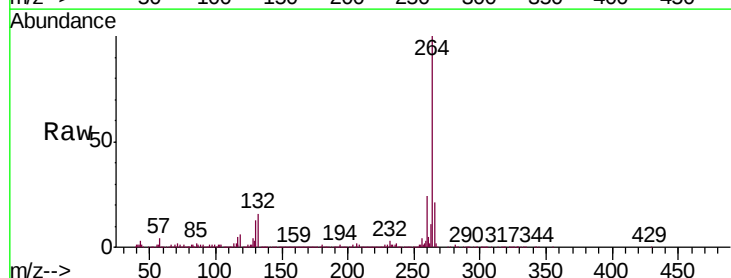
Tgt Ion:264 Resp: 484991

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

