

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108456.D
 Acq On : 24 Aug 2018 8:13
 Operator : JU/SJ
 Sample : J4582-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 082018-TIPC-E-D-M

Quant Time: Aug 24 08:45:10 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 22 11:01:45 2018
 Response via : Initial Calibration

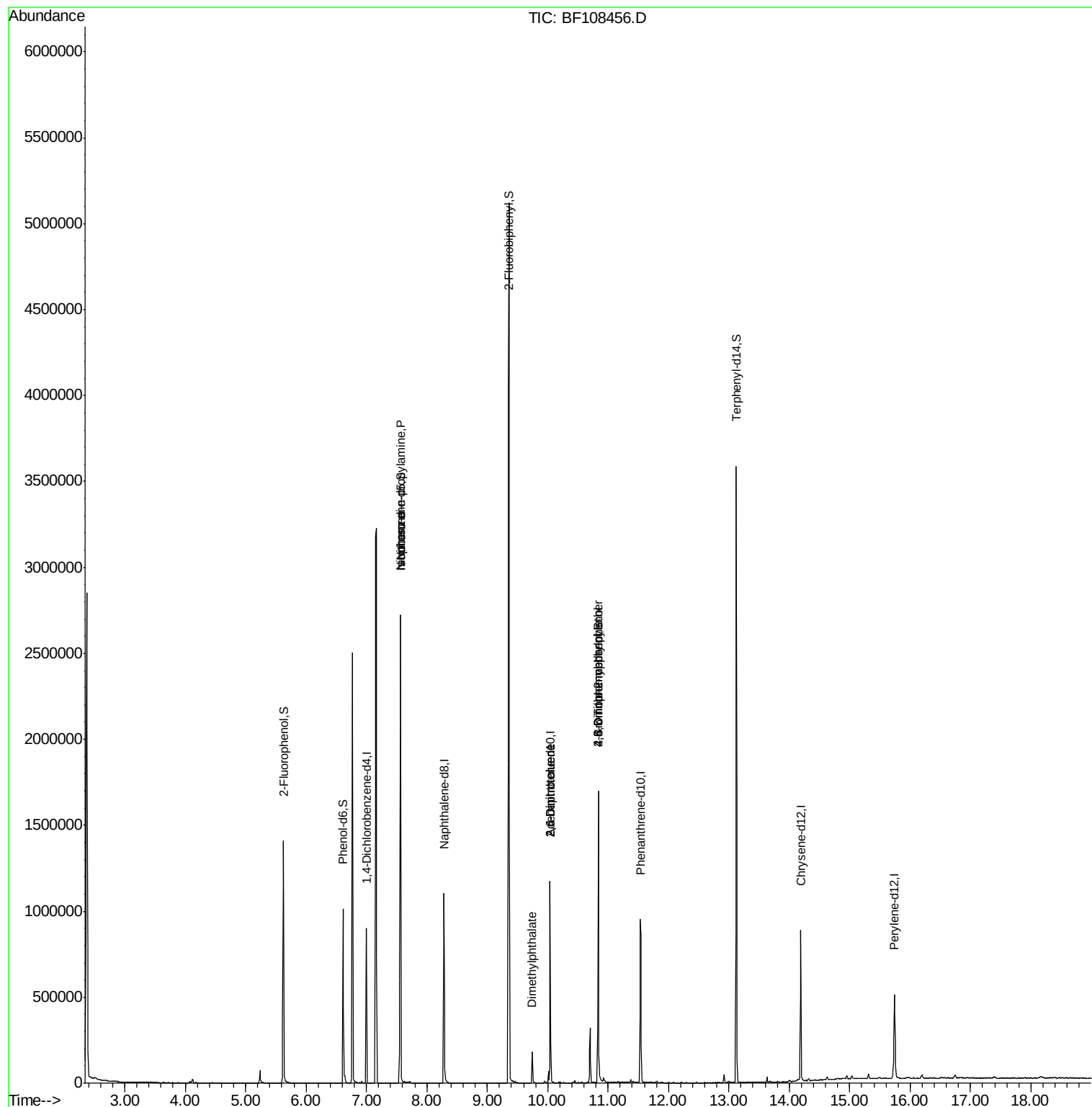
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	134800	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	495548	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	228999	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	370367	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	289342	20.00	ng	-0.01
86) Perylene-d12	15.74	264	259826	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	344605	46.28	ng	0.00
7) Phenol-d6	6.61	99	288501	29.16	ng	-0.02
23) Nitrobenzene-d5	7.57	82	925561	104.22	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	194741	85.26	ng	-0.01
44) 2-Fluorobiphenyl	9.36	172	1626652	114.04	ng	0.00
78) Terphenyl-d14	13.12	244	1180860	103.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	125010	18.684	ng	# 82
25) Isophorone	7.57	82	925547	54.680	ng	# 64
49) Dimethylphthalate	9.74	163	81270	5.095	ng	99
50) 2,6-Dinitrotoluene	10.04	165	29375	8.802	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	29375	6.838	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.84	198	413	5.622	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	13099	3.254	ng	# 1

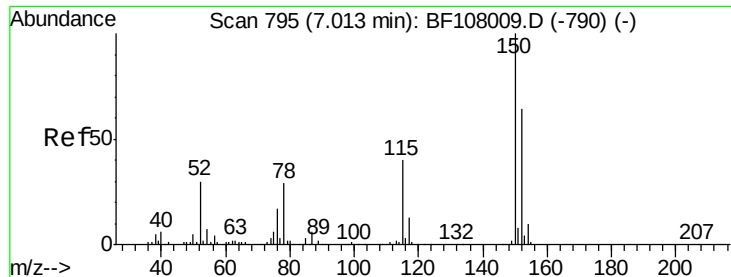
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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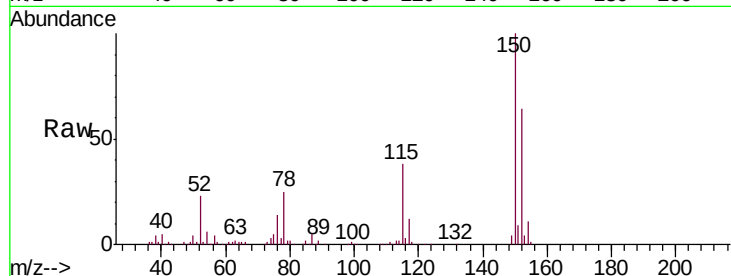


#1

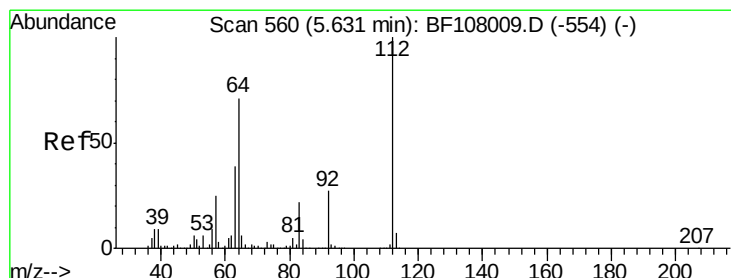
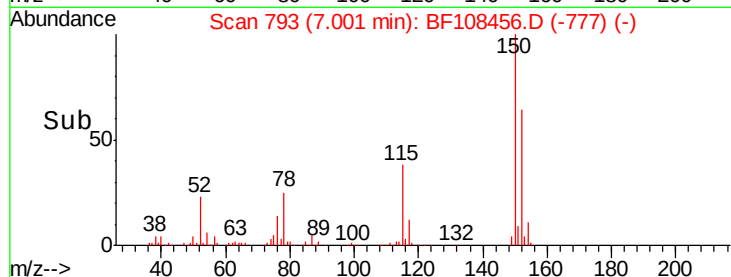
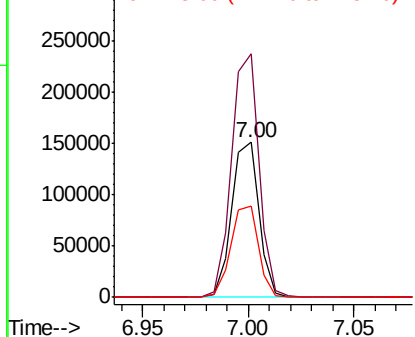
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Instrument :
BNA_F
ClientSampleId :
082018-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	58.9	50.1	75.1



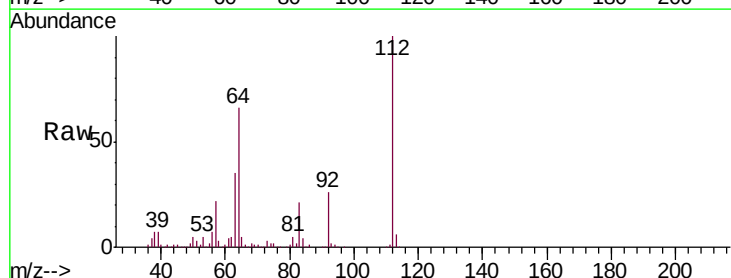
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



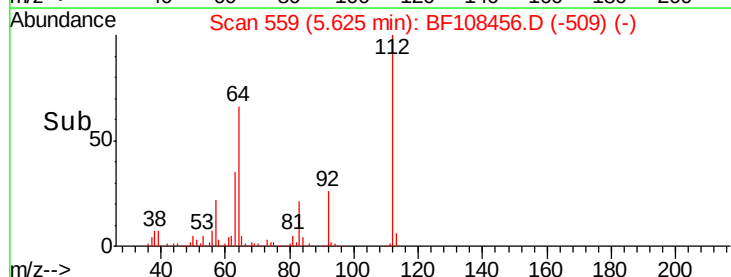
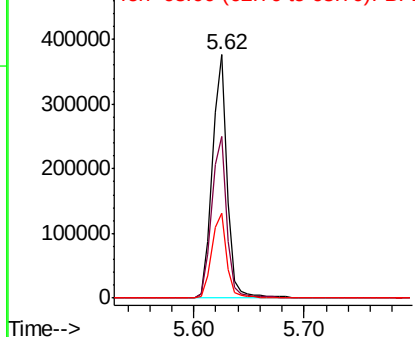
#5

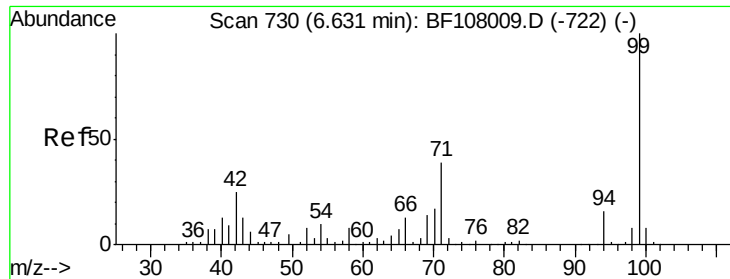
2-Fluorophenol
Concen: 46.283 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	35.0	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: 29.158 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

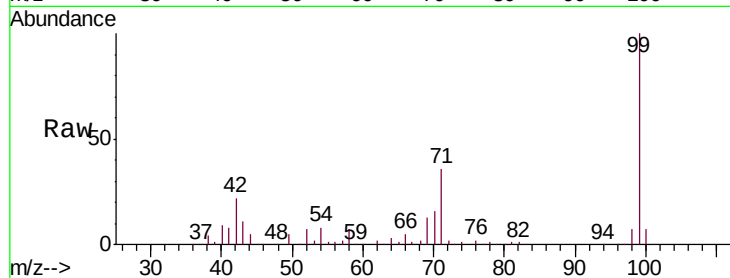
Tgt Ion: 99 Resp: 288501

Ion Ratio Lower Upper

99 100

42 21.6 14.5 21.7

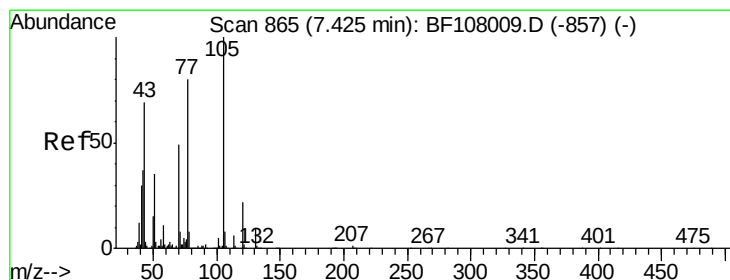
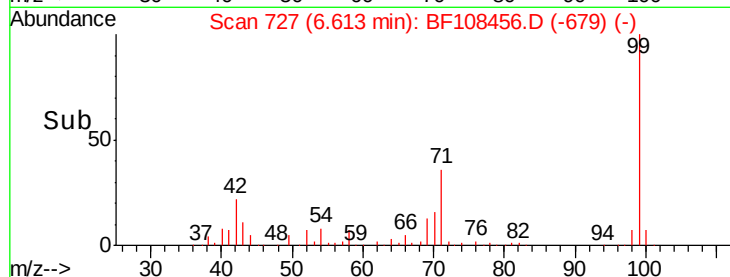
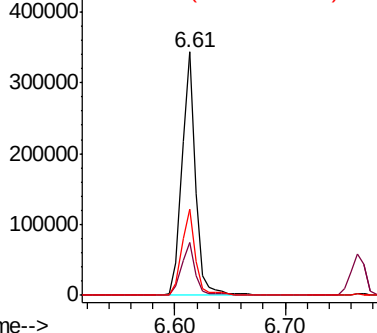
71 35.6 25.4 38.0



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: 18.684 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Tgt Ion: 70 Resp: 125010

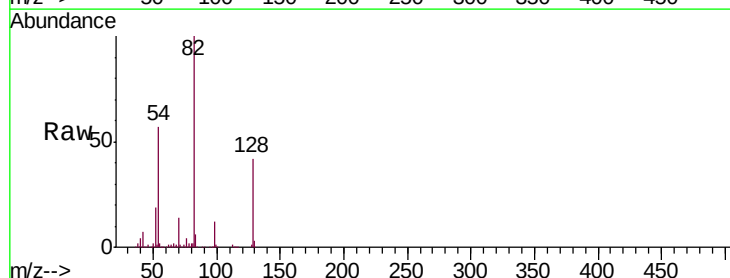
Ion Ratio Lower Upper

70 100

42 52.2 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

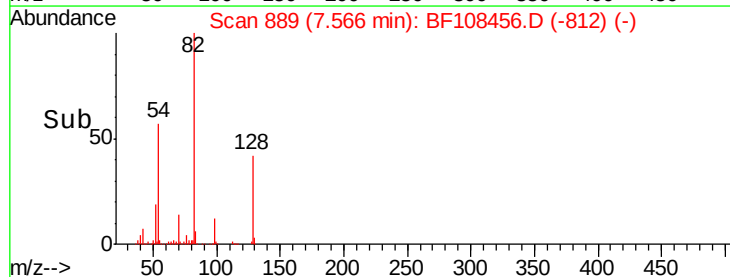
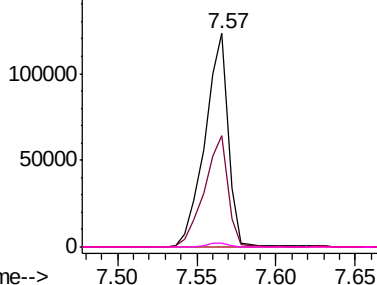


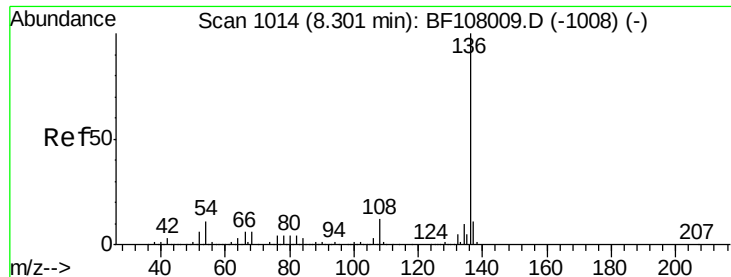
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

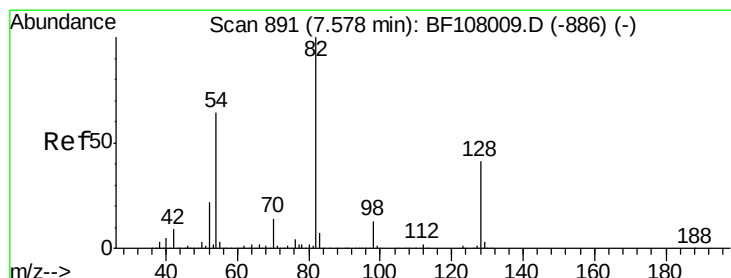
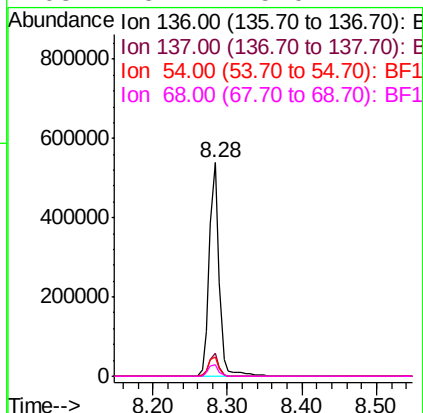
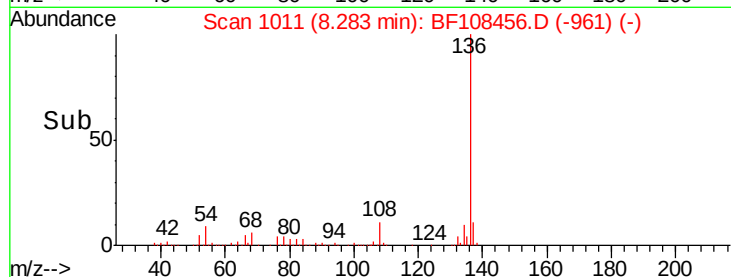
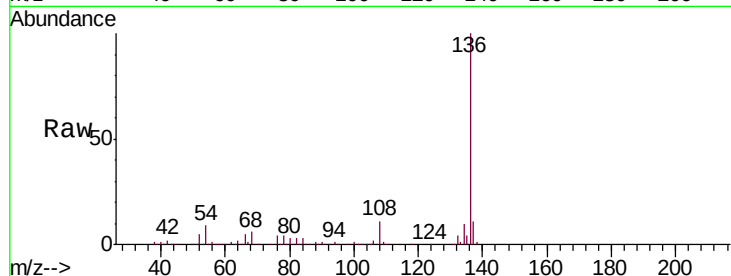




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

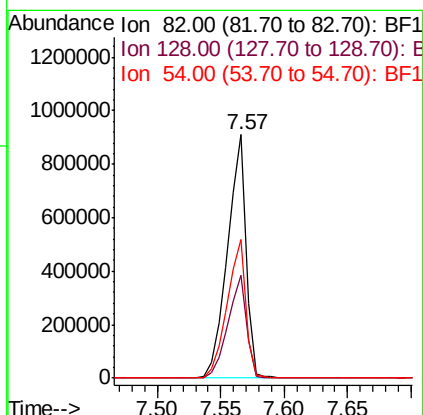
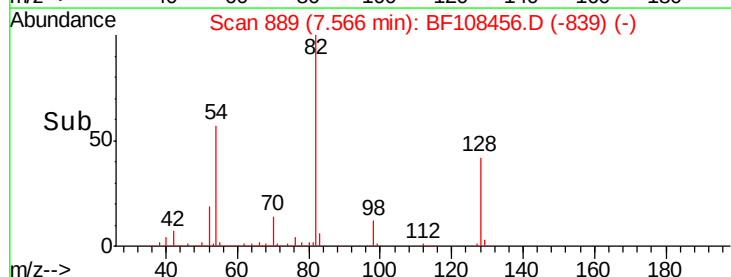
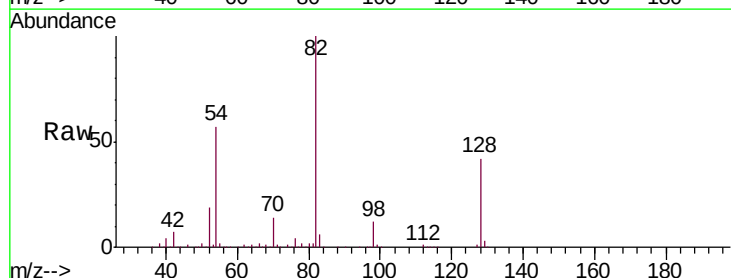
Instrument :
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082018-TIPC-E-D-M

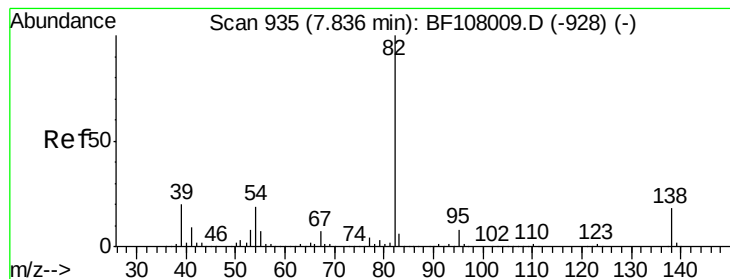
Tgt Ion:	136	Resp:	495548
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 104.223 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Tgt Ion:	82	Resp:	925561
Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.1	54.1
54	57.2	41.4	62.2





#25

Isophorone

Concen: 54.680 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.26 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

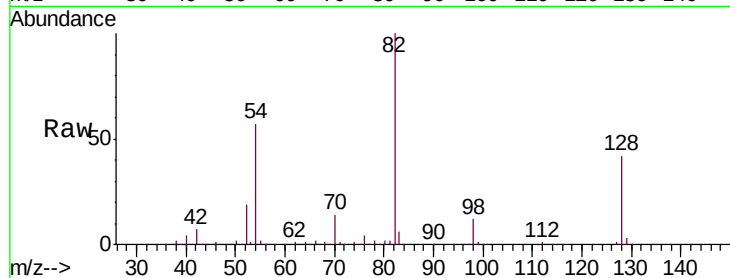
Tgt Ion: 82 Resp: 925547

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

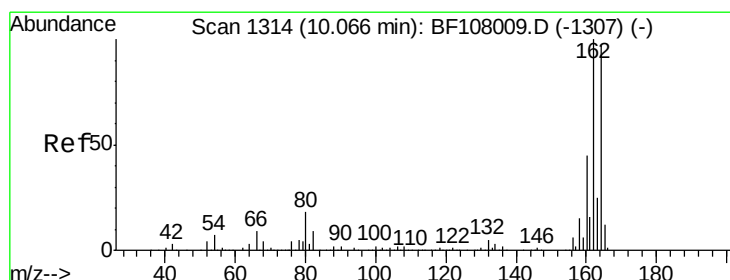
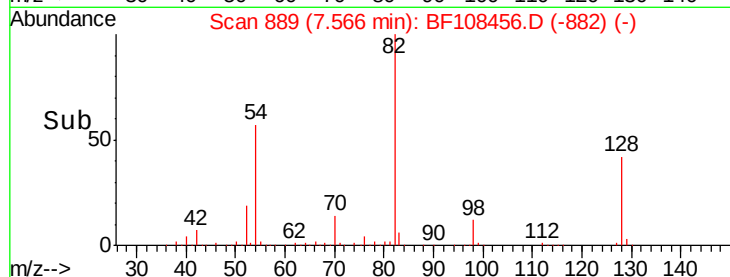
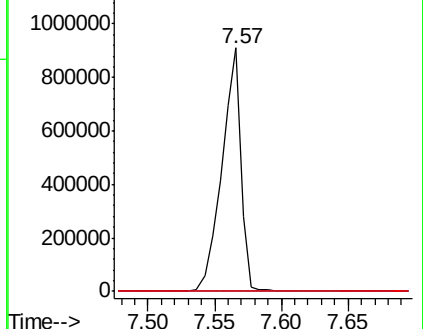
138 0.0 14.9 22.3#



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: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

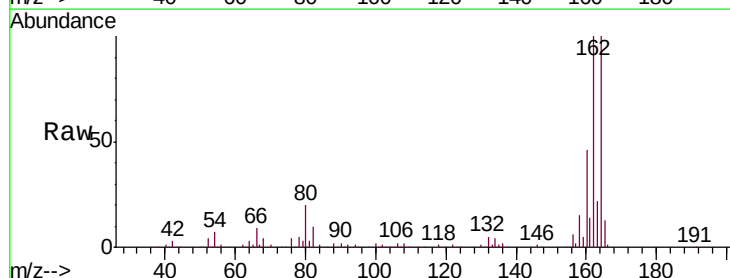
Tgt Ion: 164 Resp: 228999

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

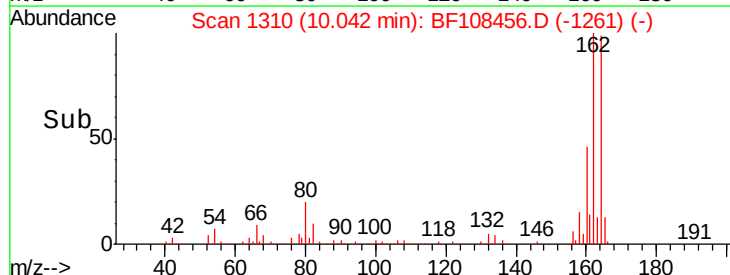
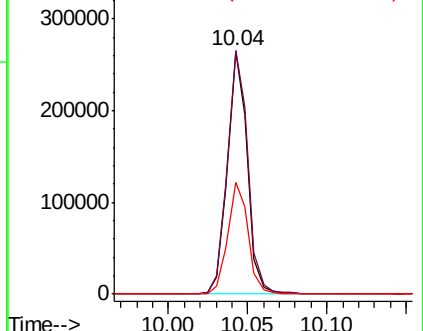
160 46.2 38.3 57.5

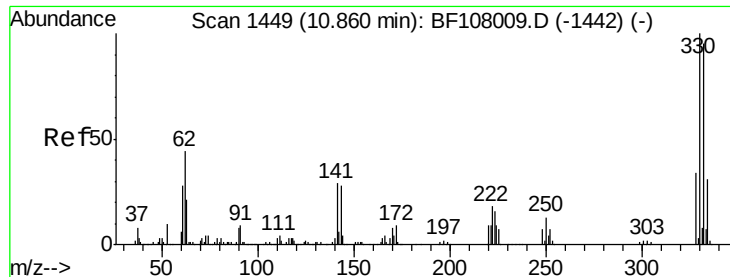


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

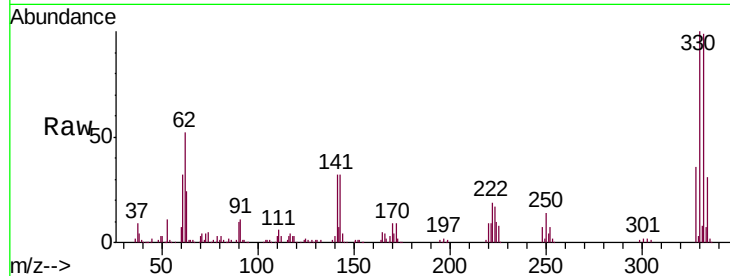




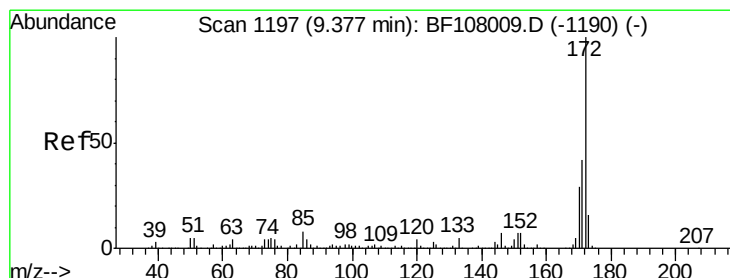
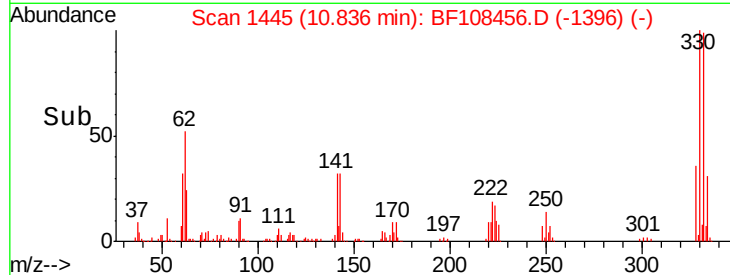
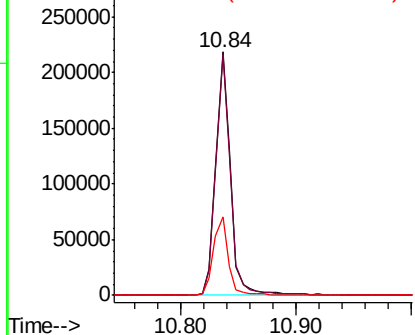
#41
 2,4,6-Tribromophenol
 Concen: 85.255 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Instrument :
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 082018-TIPC-E-D-M

Tgt Ion:330 Resp: 194741
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 33.2 29.9 44.9

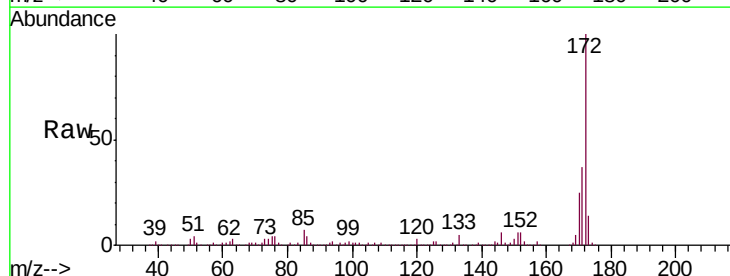


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

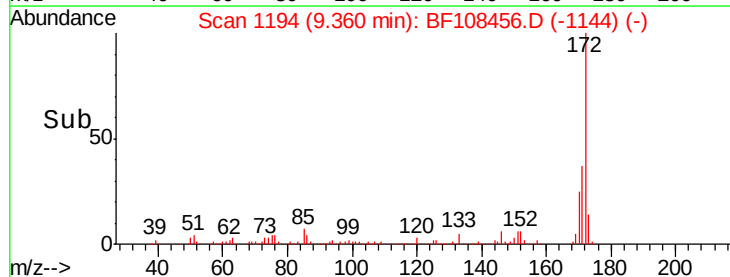
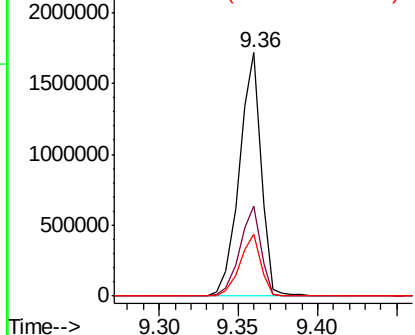


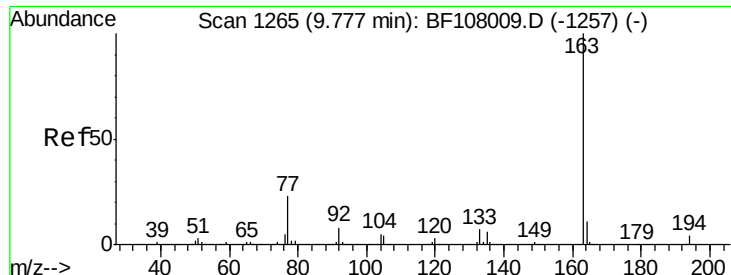
#44
 2-Fluorobiphenyl
 Concen: 114.042 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Tgt Ion:172 Resp: 1626652
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 25.4 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

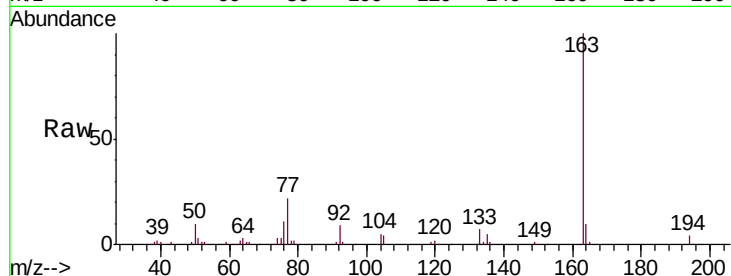




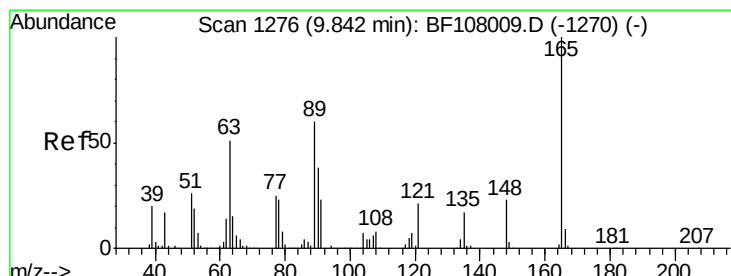
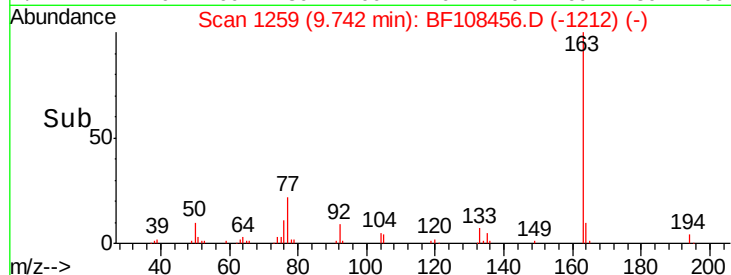
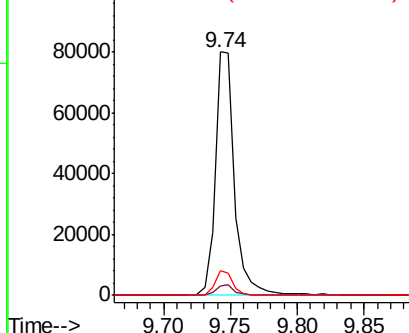
#49
Dimethylphthalate
Concen: 5.095 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.3	8.2	12.2

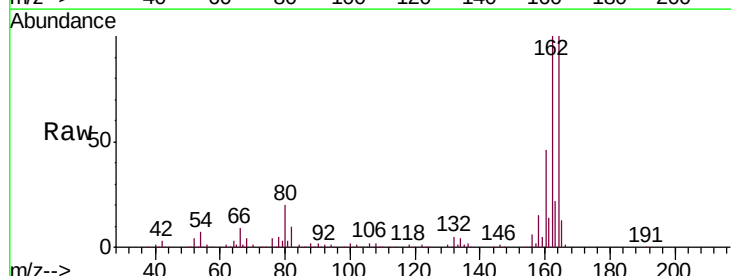


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

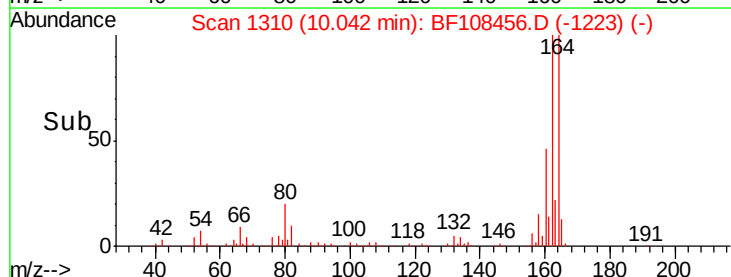
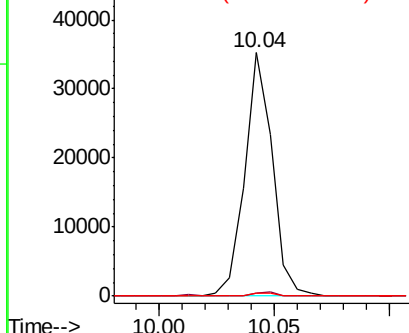


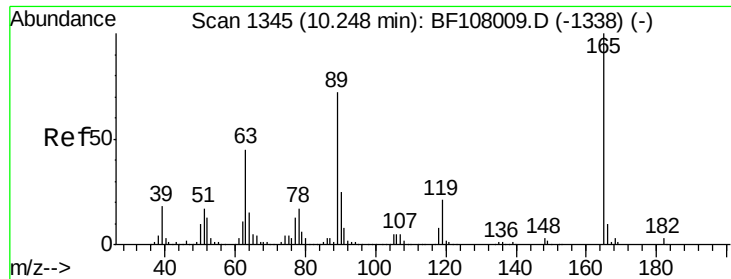
#50
2,6-Dinitrotoluene
Concen: 8.802 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.2	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

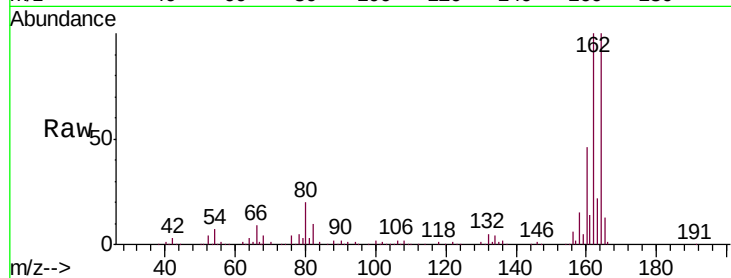




#56
 2,4-Dinitrotoluene
 Concen: 6.838 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :
 082018-TIPC-E-D-M

Tgt Ion:	165	Resp:	29375
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

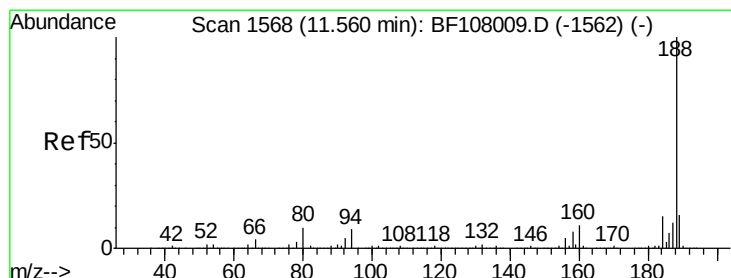
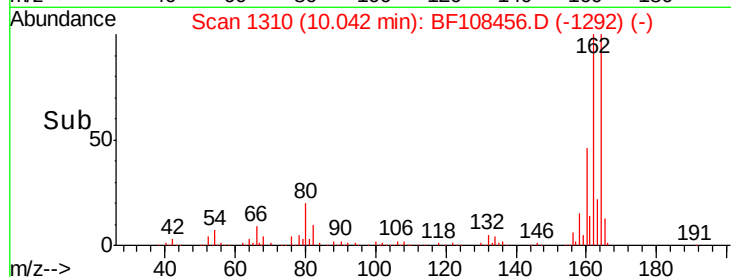
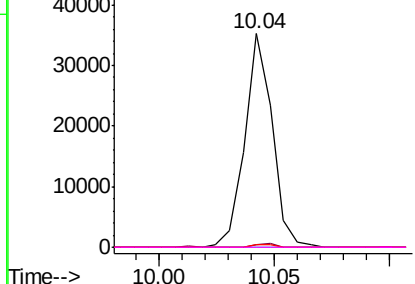


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

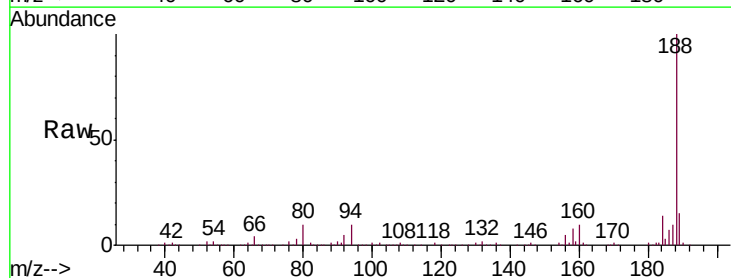
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

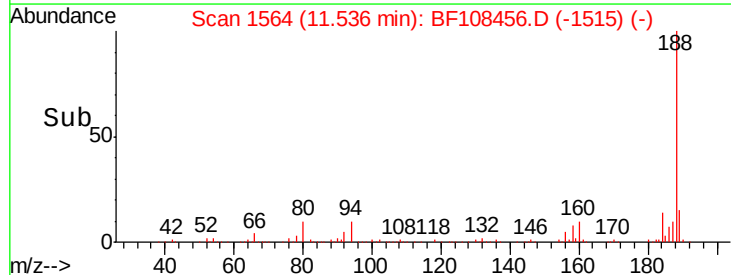
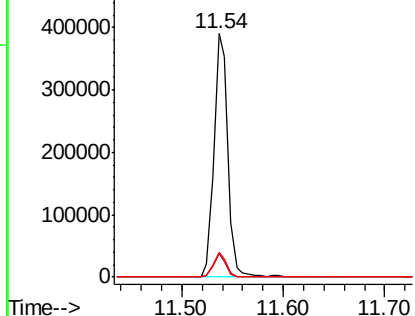
Tgt Ion:	188	Resp:	370367
Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.1	9.2	13.8

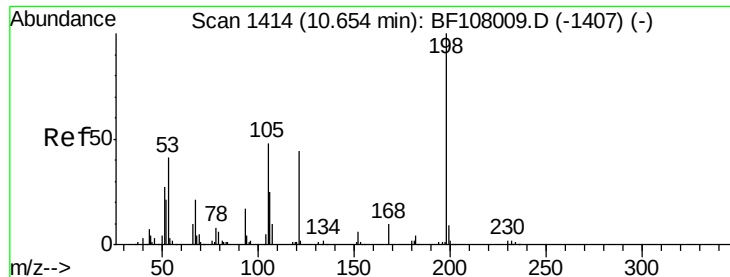


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

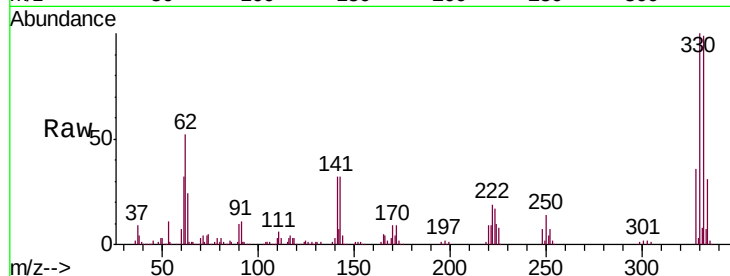




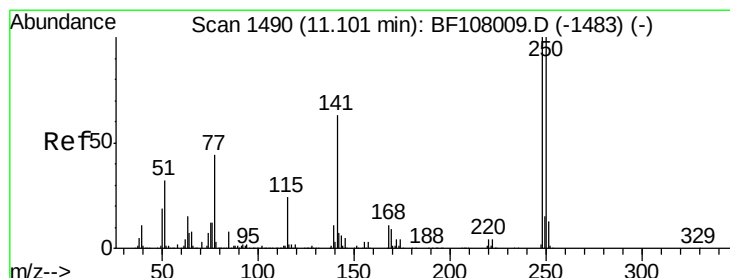
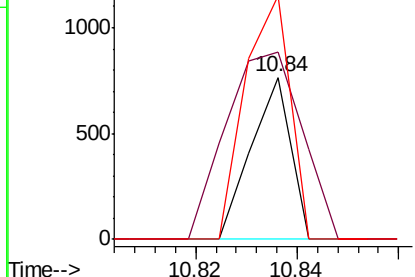
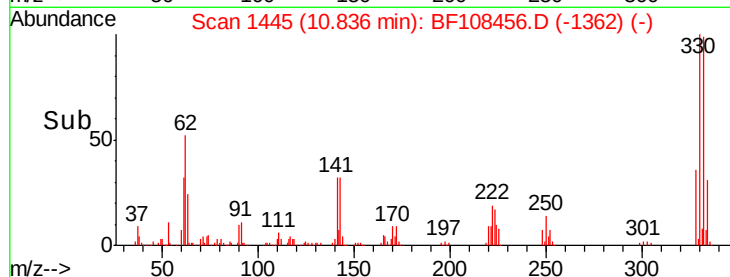
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.622 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Instrument :
 BNA_F
 ClientSampleId :
 082018-TIPC-E-D-M

Tgt Ion:198 Resp: 413
 Ion Ratio Lower Upper
 198 100
 51 115.3 37.7 77.7#
 105 150.1 36.3 76.3#

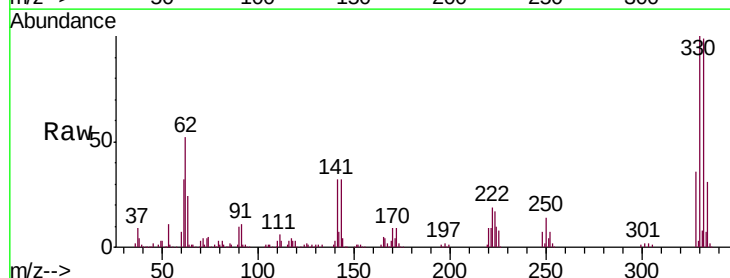


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

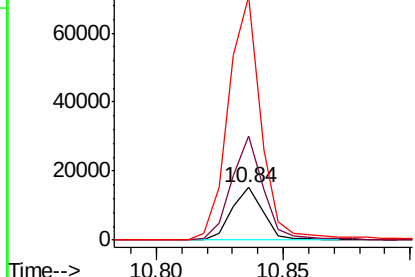
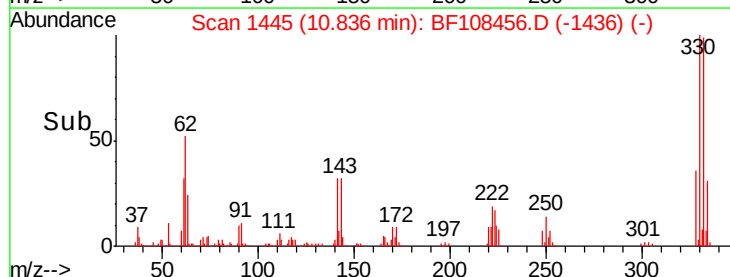


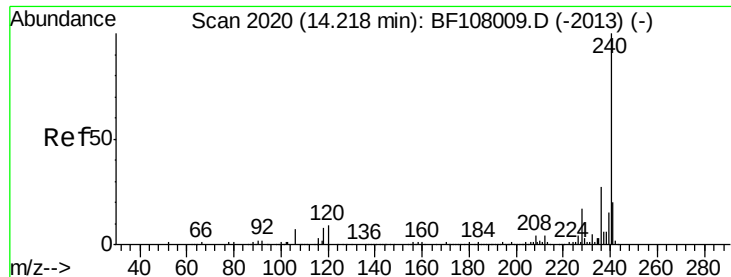
#66
 4-Bromophenyl-phenylether
 Concen: 3.254 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF108456.D
 Acq: 24 Aug 2018 8:13

Tgt Ion:248 Resp: 13099
 Ion Ratio Lower Upper
 248 100
 250 197.9 76.9 115.3#
 141 465.6 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: 14.19 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

Instrument :

BNA_F

ClientSampleId :

082018-TIPC-E-D-M

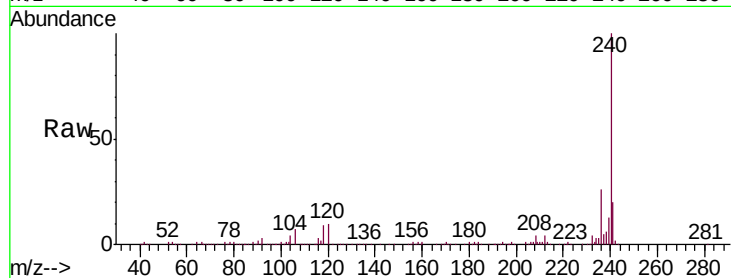
Tgt Ion:240 Resp: 289342

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

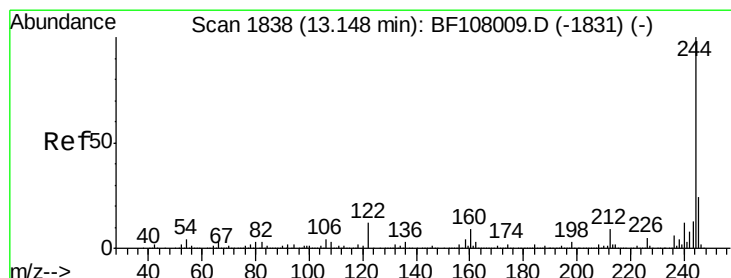
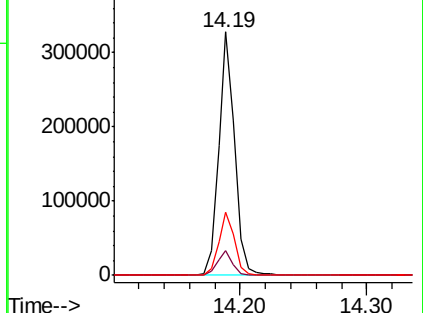
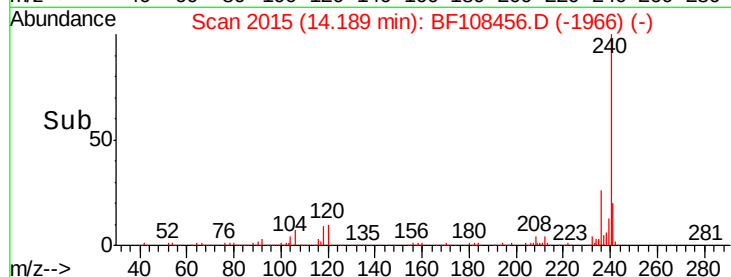
236 26.1 20.7 31.1



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: 103.767 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108456.D

Acq: 24 Aug 2018 8:13

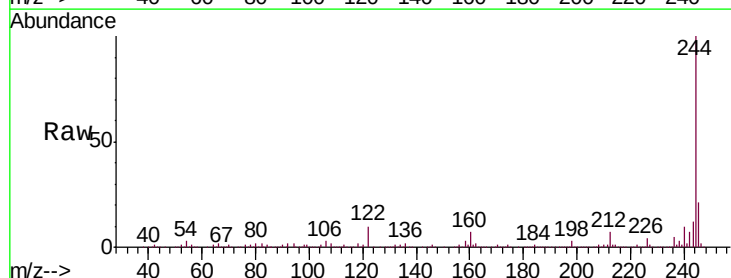
Tgt Ion:244 Resp: 1180860

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

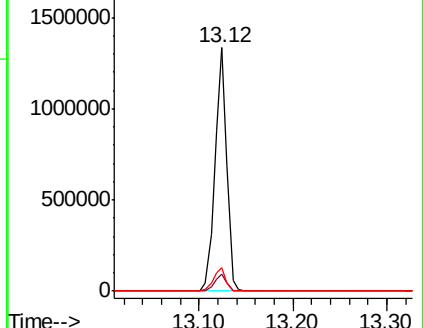
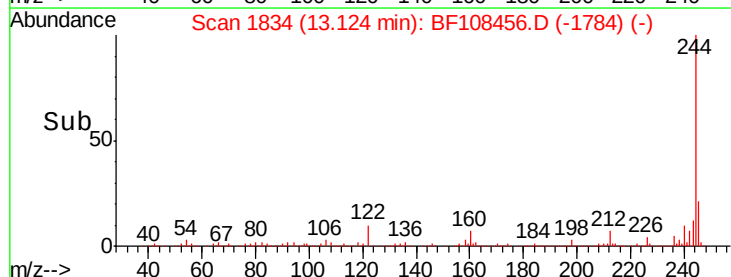
122 9.8 11.0 16.4#

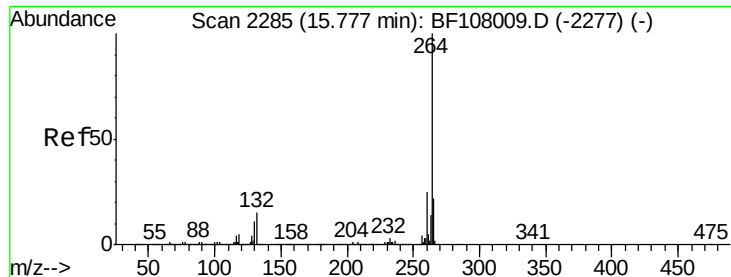


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.74 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF108456.D
Acq: 24 Aug 2018 8:13

Instrument :
BNA_F
ClientSampleId :
082018-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.4	17.5	26.3

