

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108284.D
 Acq On : 20 Aug 2018 12:38
 Operator : JU/SJ
 Sample : PB112066TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB112066TB

Quant Time: Aug 20 13:35:42 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

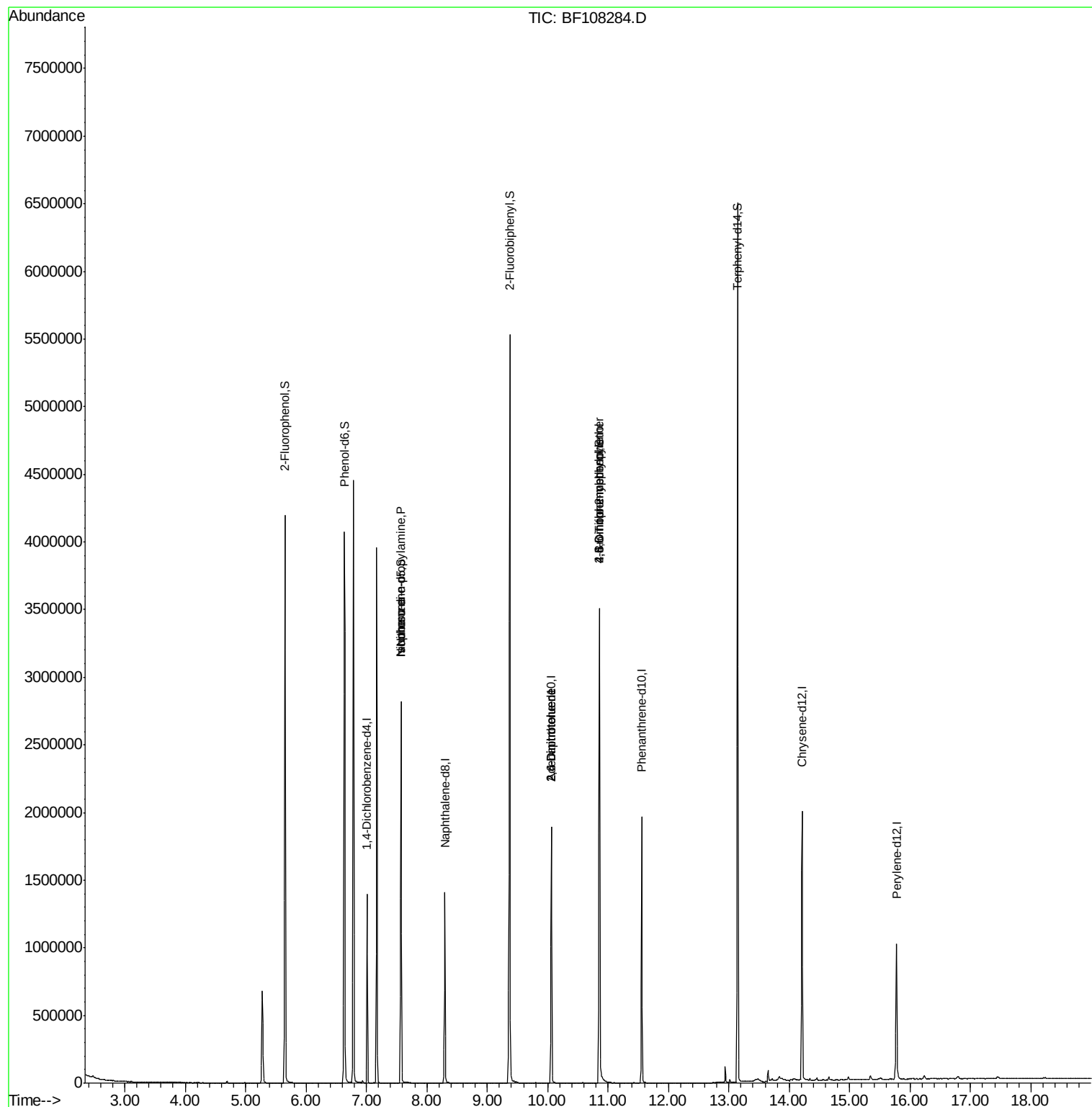
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	187805	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	723947	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	370457	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	773756	20.00	ng	0.00
75) Chrysene-d12	14.21	240	679905	20.00	ng	0.00
86) Perylene-d12	15.78	264	554190	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1150443	110.90	ng	0.02
7) Phenol-d6	6.64	99	1526557	110.74	ng	0.00
23) Nitrobenzene-d5	7.58	82	999232	77.02	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	481591	130.33	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1932991	83.77	ng	0.00
78) Terphenyl-d14	13.15	244	2294343	85.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	135544	14.541	ng	# 81
25) Isophorone	7.58	82	999211	40.408	ng	# 64
50) 2,6-Dinitrotoluene	10.06	165	47039	8.713	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	47039	6.769	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	1056	5.682	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	31780	3.779	ng	# 1

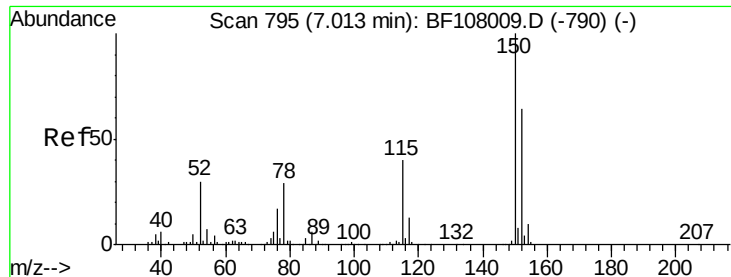
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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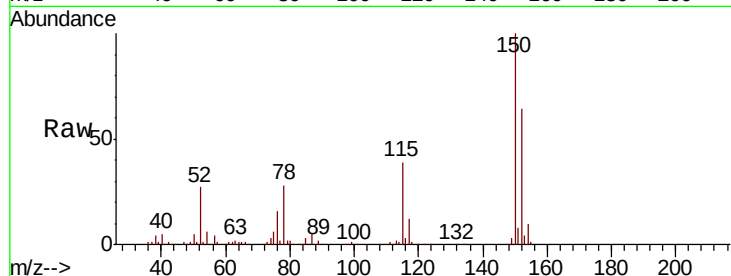


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Instrument :
BNA_F
ClientSampleId :
PB112066TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.0	50.1	75.1

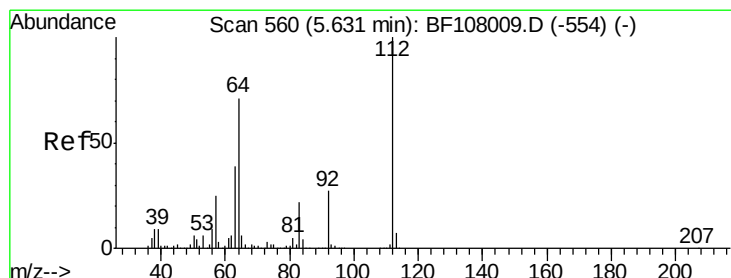
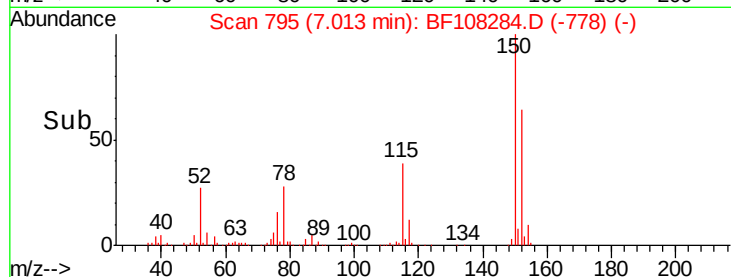
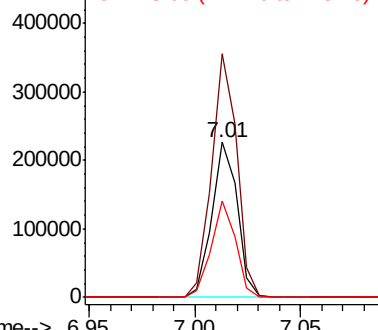


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

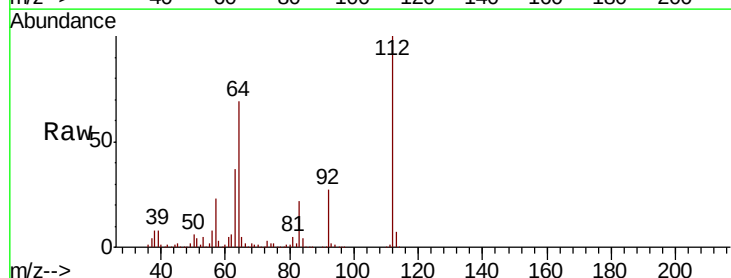
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.904 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	37.2	23.7	35.5

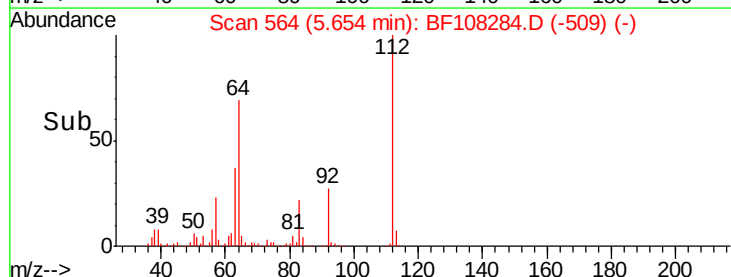
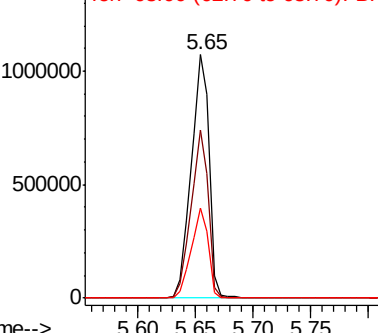


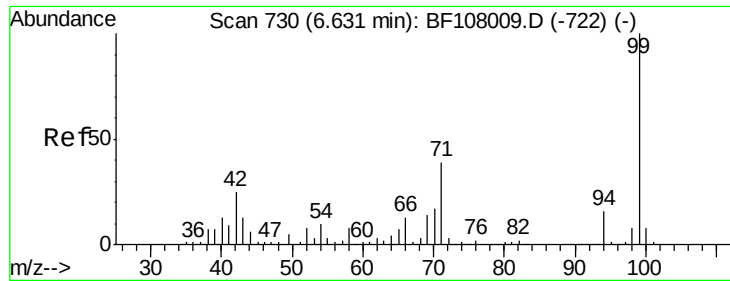
Abundance

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: 110.742 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

Instrument :

BNA_F

ClientSampleId :

PB112066TB

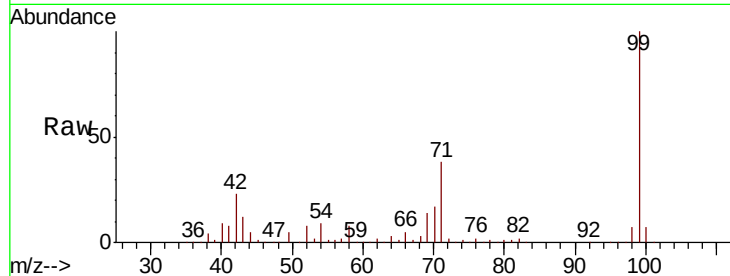
Tot Ion: 99 Resp: 1526557

Ion Ratio Lower Upper

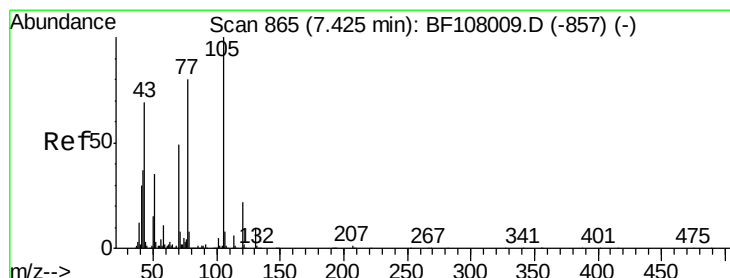
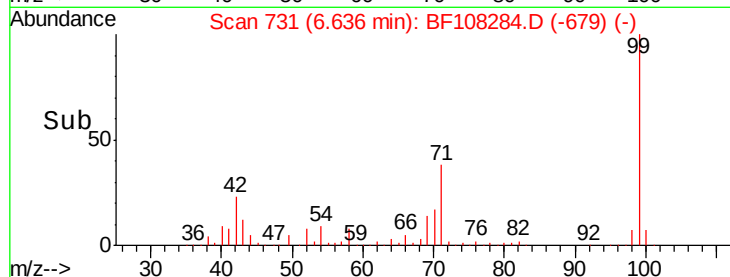
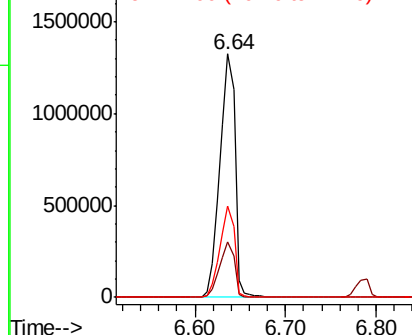
99 100

42 22.7 14.5 21.7#

71 37.6 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: 14.541 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

Tgt Ion: 70 Resp: 135544

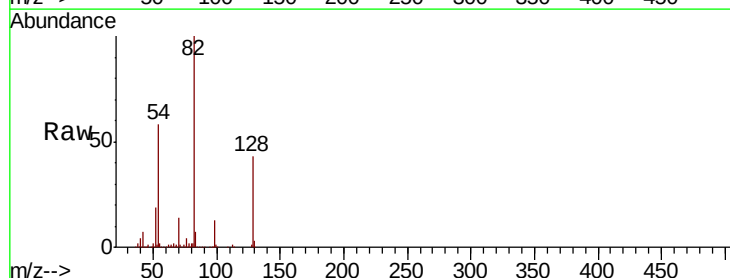
Ion Ratio Lower Upper

70 100

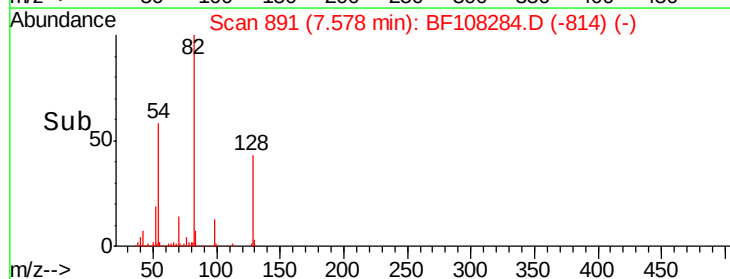
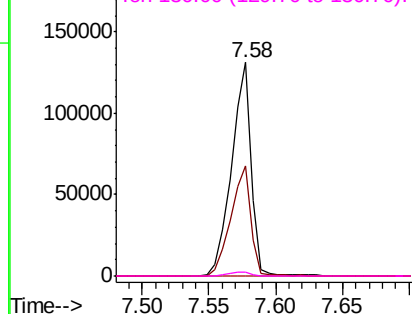
42 51.7 47.5 71.3

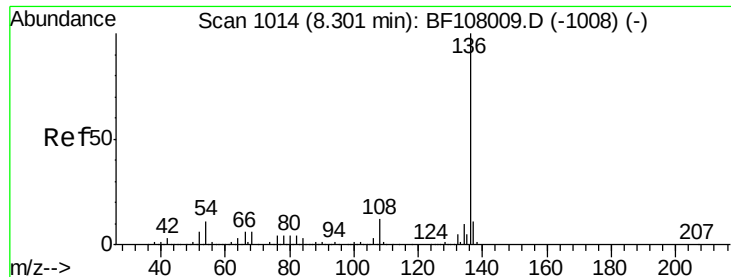
101 0.0 7.4 11.2#

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

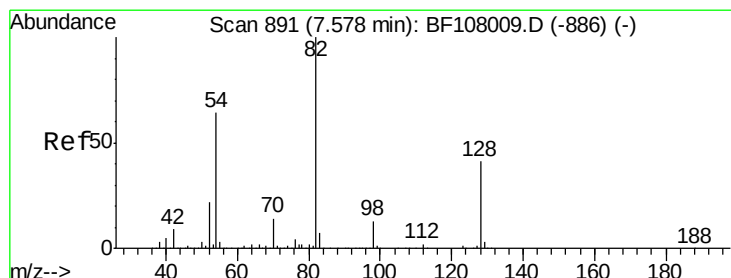
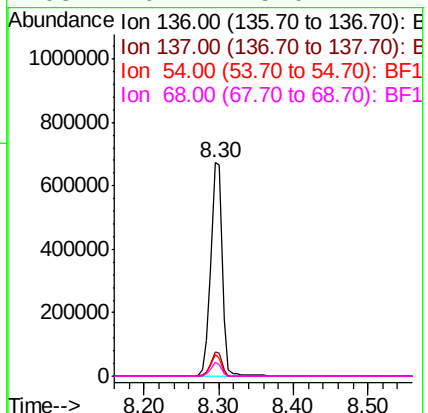
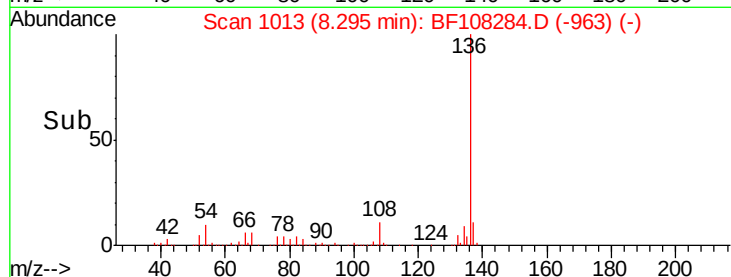
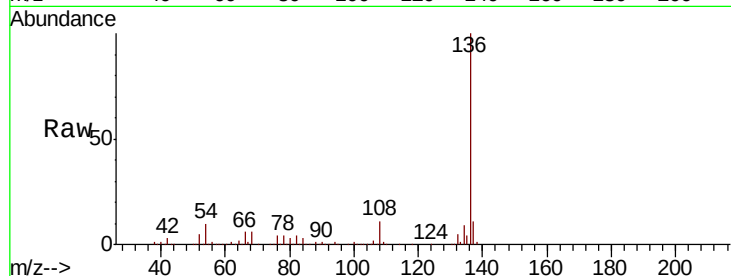




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

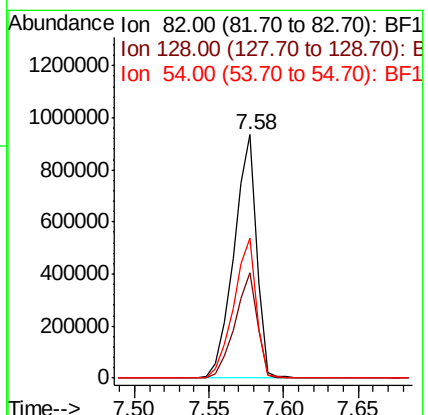
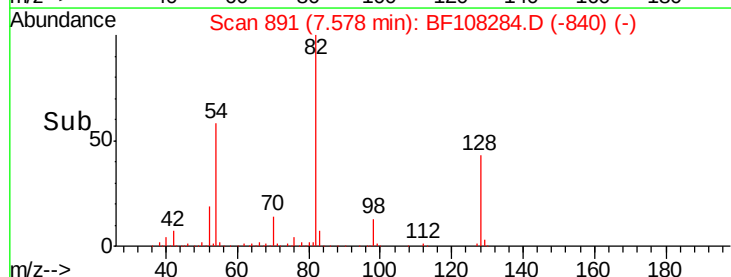
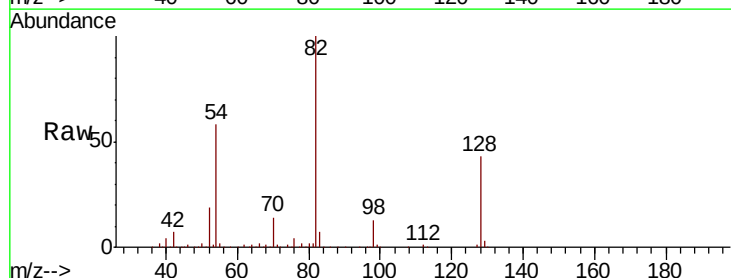
Instrument :
BNA_F
ClientSampleId :
PB112066TB

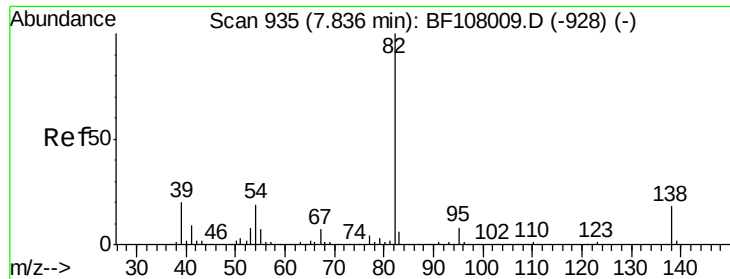
Tot Ion:136	Resp:	723947
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 10.3	6.6	9.8#
68 6.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 77.020 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Tgt	Ion: 82	Resp:	999232
Ion	Ratio	Lower	Upper
82	100		
128	43.1	36.1	54.1
54	57.6	41.4	62.2





#25

Isophorone

Concen: 40.408 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

Instrument :

BNA_F

ClientSampleId :

PB112066TB

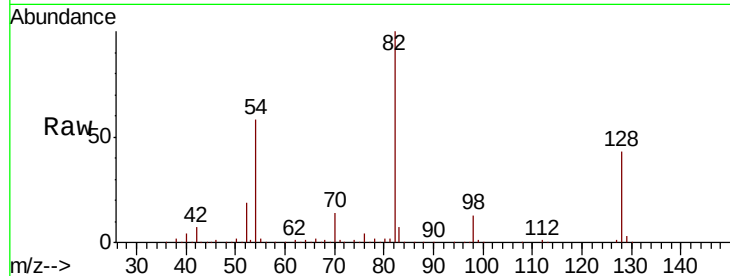
Tot Ion: 82 Resp: 999211

Ion Ratio Lower Upper

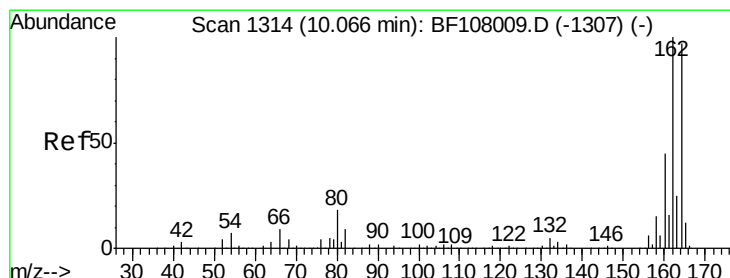
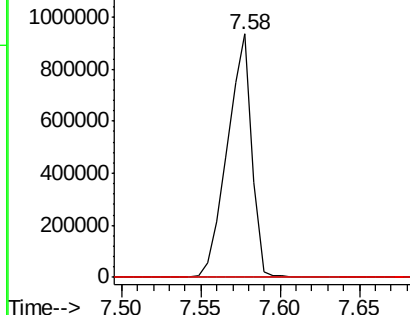
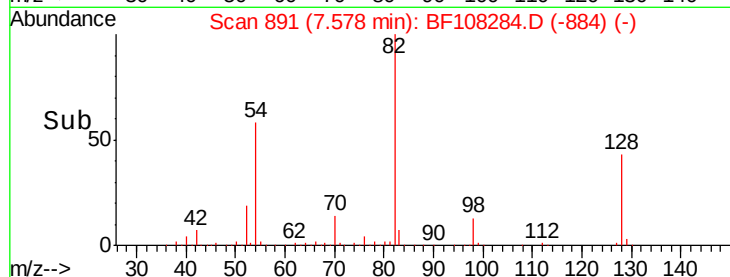
82 100

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: BF108284.D

Acq: 20 Aug 2018 12:38

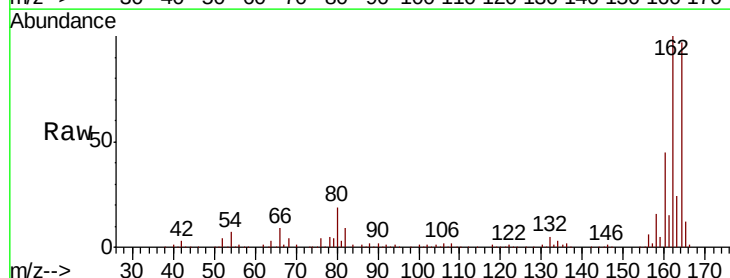
Tgt Ion:164 Resp: 370457

Ion Ratio Lower Upper

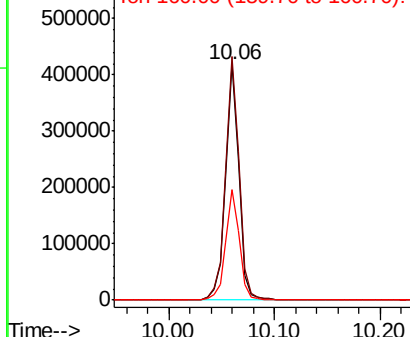
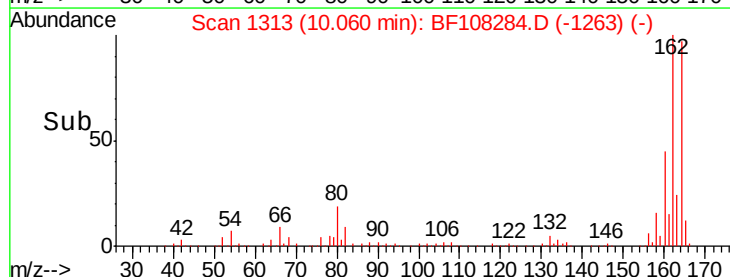
164 100

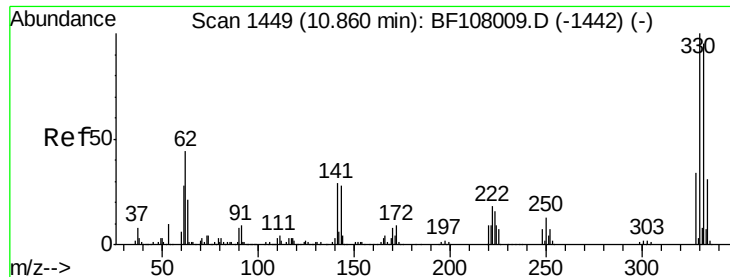
162 103.3 86.1 129.1

160 46.9 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

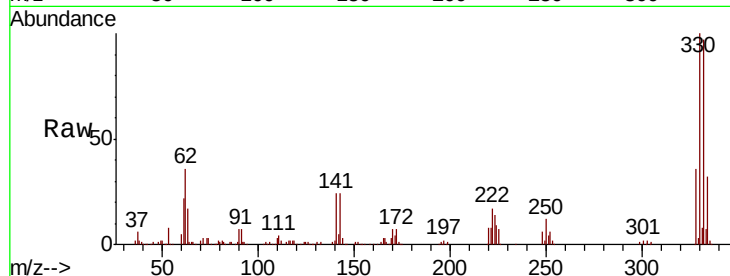




#41
 2,4,6-Tribromophenol
 Concen: 130.328 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

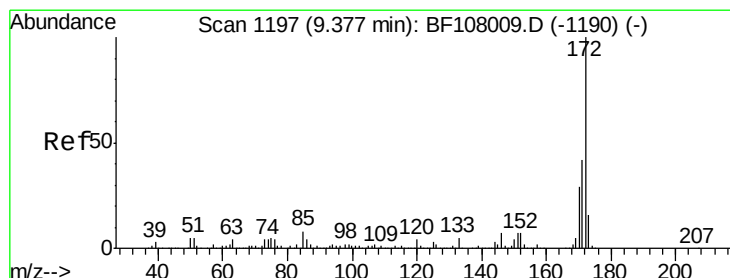
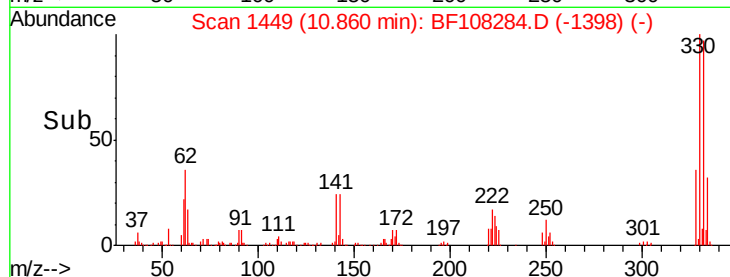
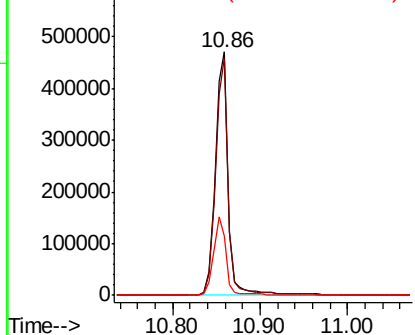
Instrument :
 BNA_F
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 PB112066TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	32.2	29.9	44.9



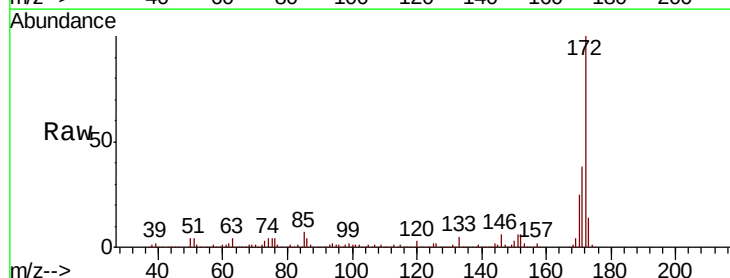
Abundance

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



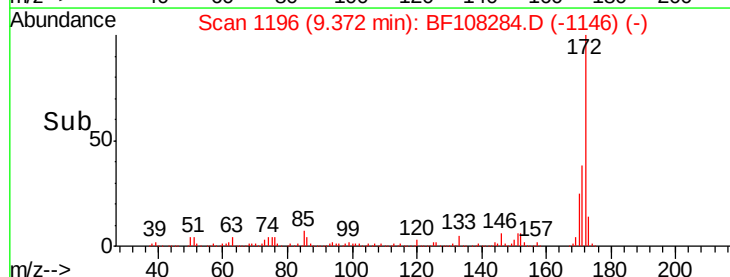
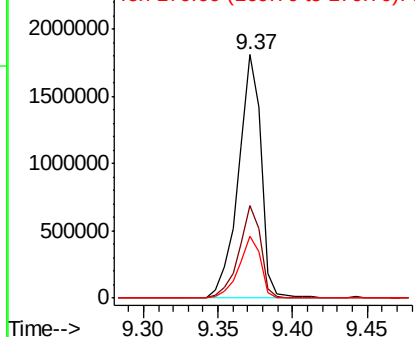
#44
 2-Fluorobiphenyl
 Concen: 83.771 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

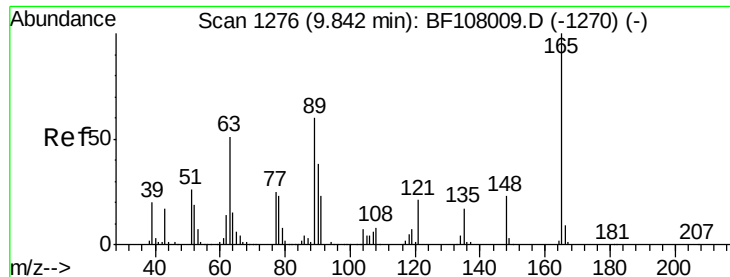
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	29.7	44.5
170	25.3	19.6	29.4



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

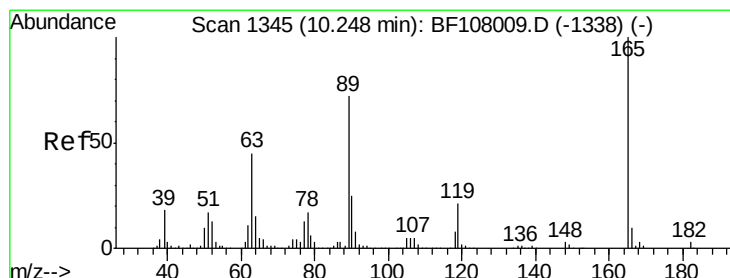
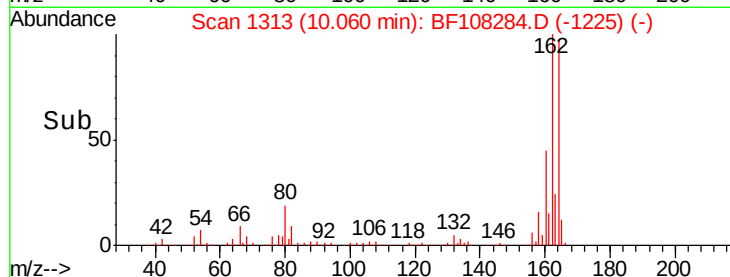
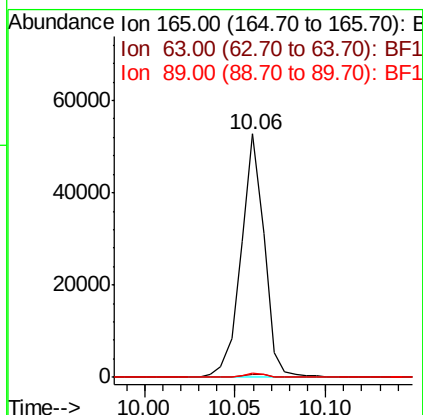
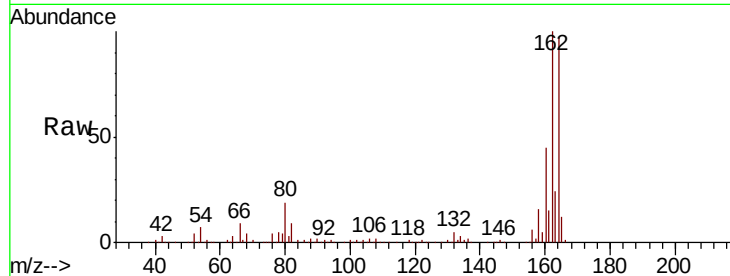




#50
 2,6-Dinitrotoluene
 Concen: 8.713 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

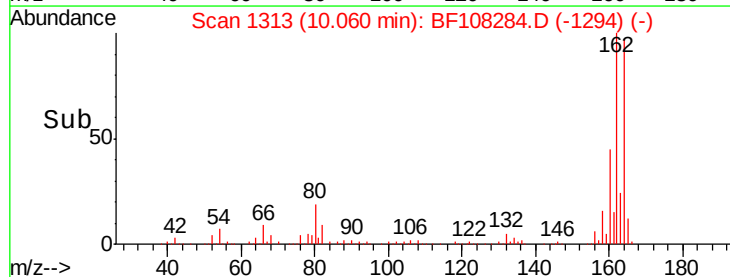
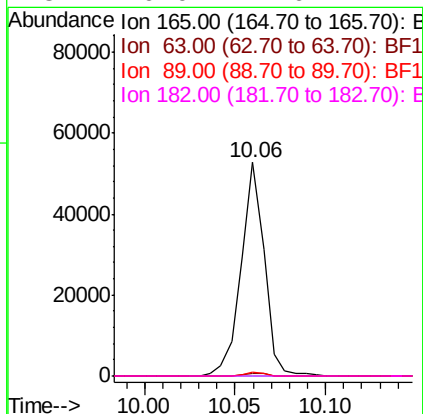
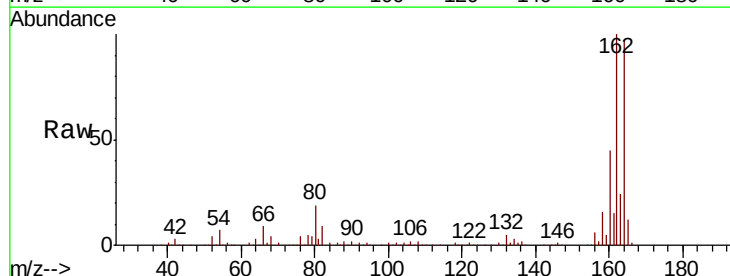
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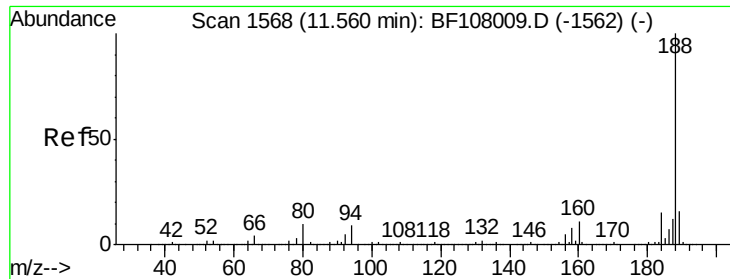
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.769 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

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

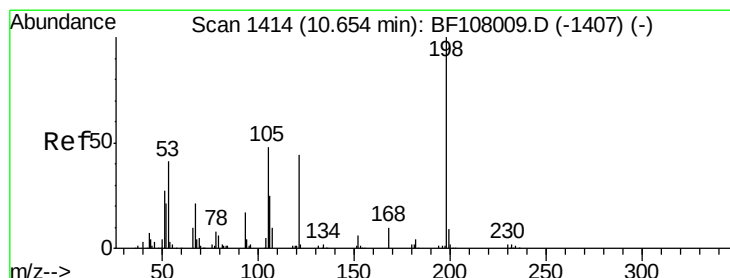
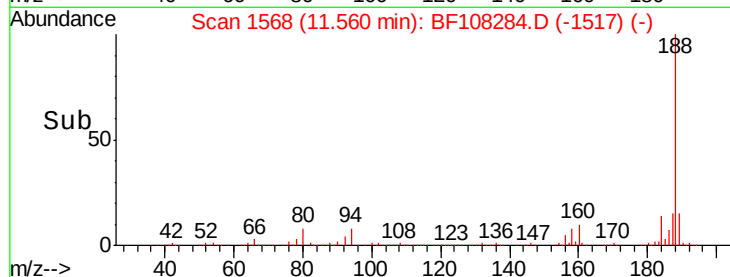
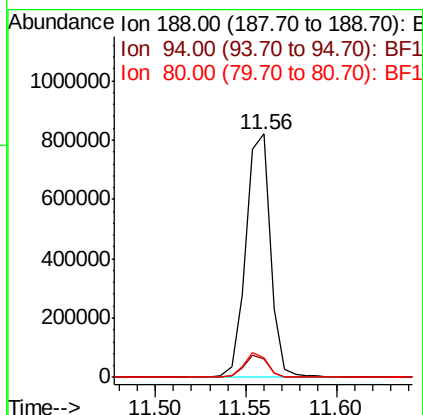
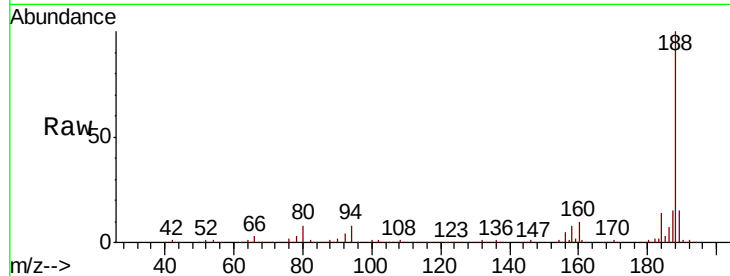




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

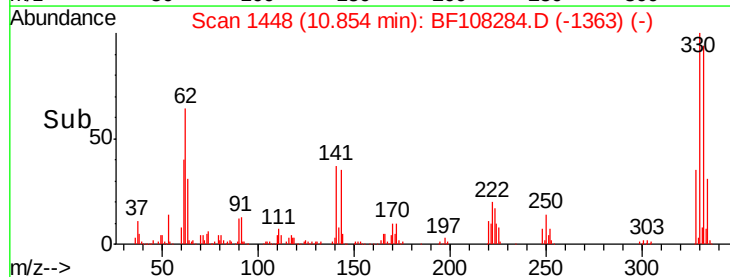
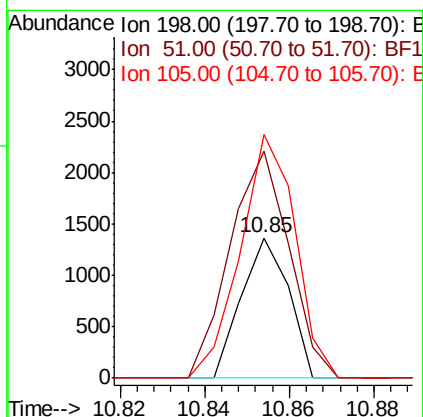
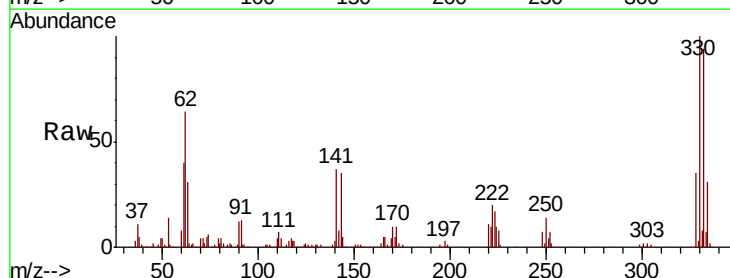
Instrument :
 BNA_F
 ClientSampleId :
 PB112066TB

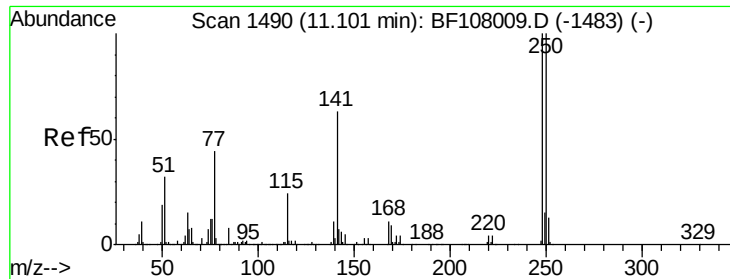
Tot Ion:188 Resp: 773756
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.3 9.2 13.8#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.682 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108284.D
 Acq: 20 Aug 2018 12:38

Tgt Ion:198 Resp: 1056
 Ion Ratio Lower Upper
 198 100
 51 161.9 37.7 77.7#
 105 174.0 36.3 76.3#

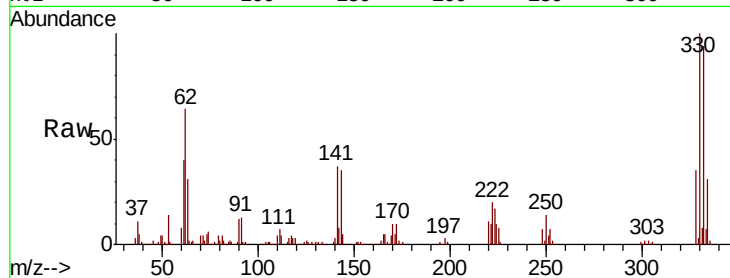




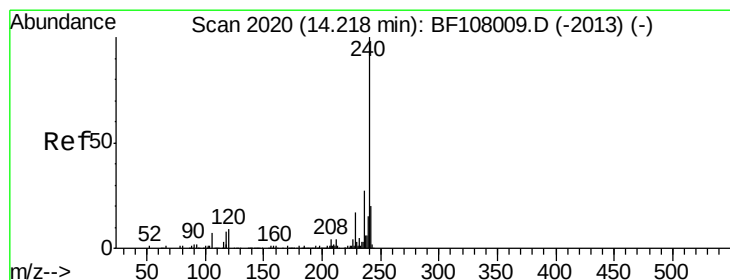
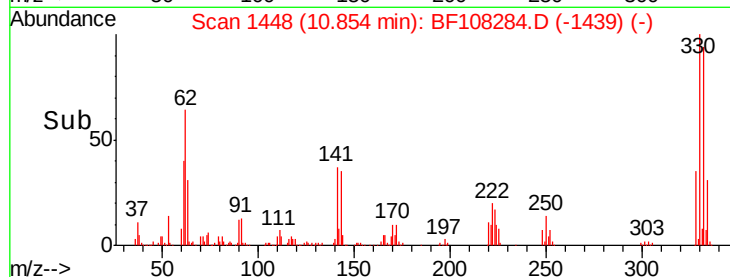
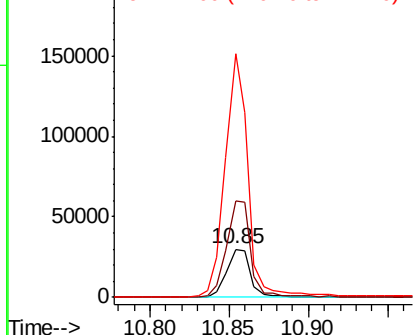
#66
4-Bromophenyl-phenylether
Concen: 3.779 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Instrument :
BNA_F
ClientSampleId :
PB112066TB

Tot Ion:248 Resp: 31780
Ion Ratio Lower Upper
248 100
250 198.2 76.9 115.3#
141 503.0 74.4 111.6#

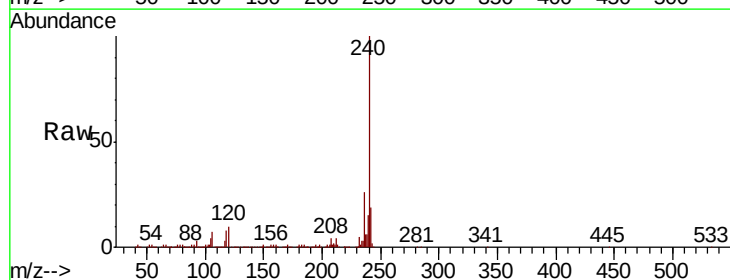


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

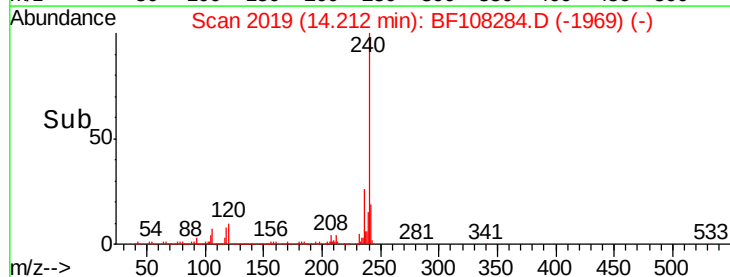
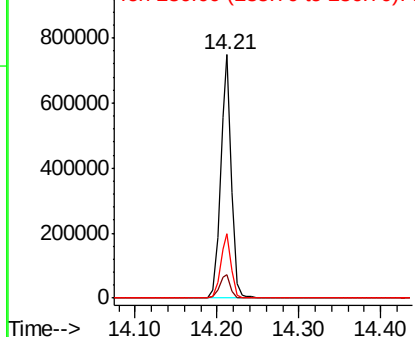


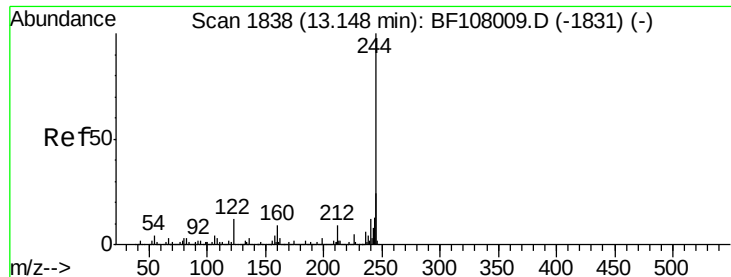
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108284.D
Acq: 20 Aug 2018 12:38

Tgt Ion:240 Resp: 679905
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.3 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: 85.799 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

Instrument :

BNA_F

ClientSampleId :

PB112066TB

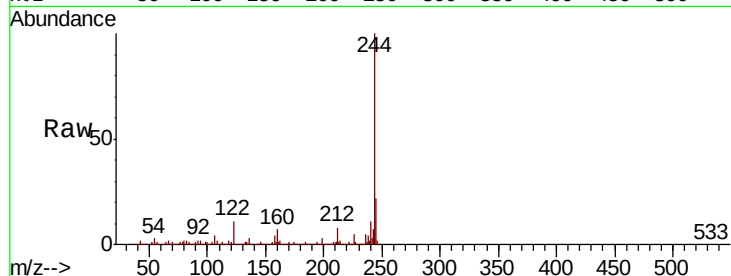
Tot Ion:244 Resp: 2294343

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

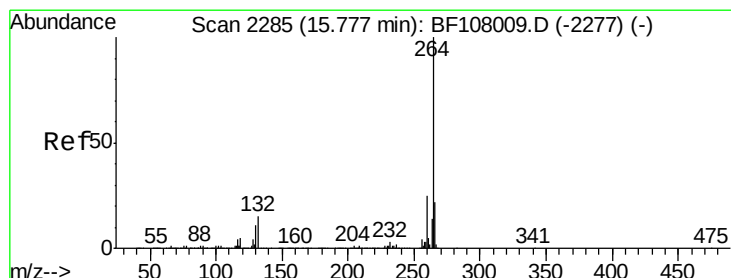
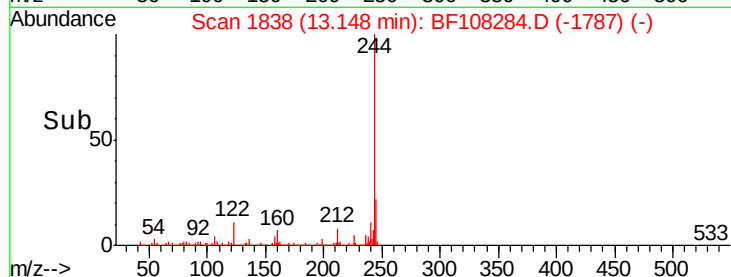
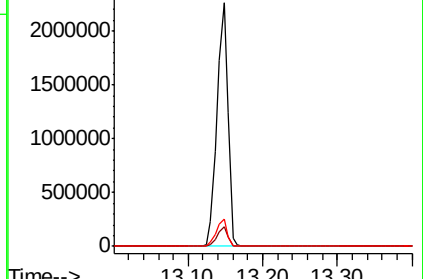
122 11.4 11.0 16.4



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: 15.78 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF108284.D

Acq: 20 Aug 2018 12:38

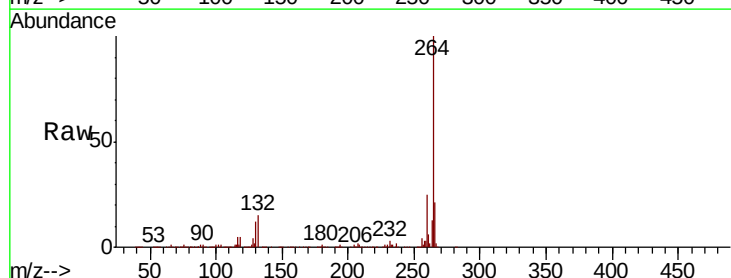
Tgt Ion:264 Resp: 554190

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.4 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

