

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
 Data File : BF108162.D
 Acq On : 15 Aug 2018 13:37
 Operator : JU/SJ
 Sample : J4447-36RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 15 14:04:48 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

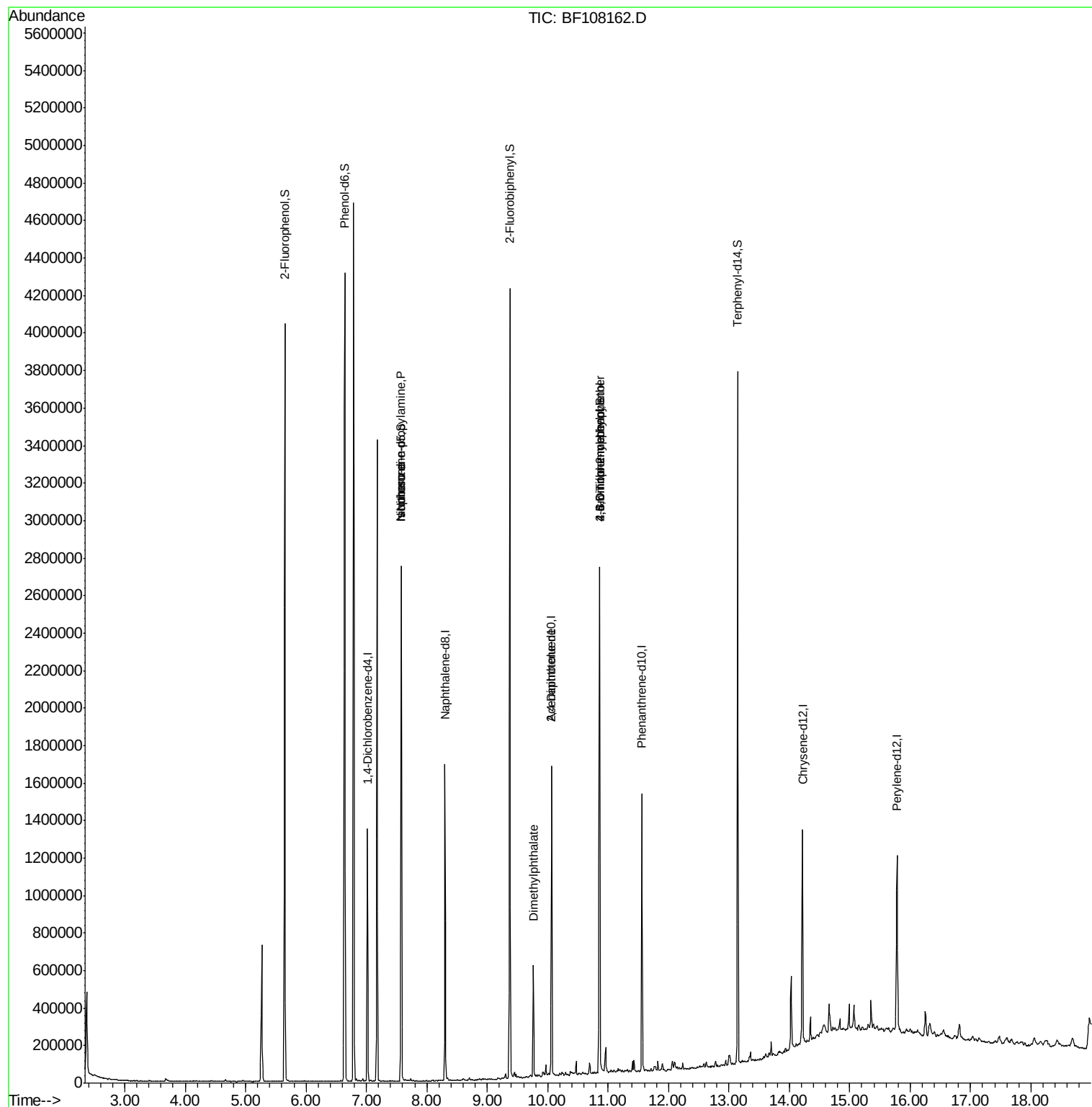
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	179467	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	645348	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	308915	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	503296	20.00	ng	0.00
75) Chrysene-d12	14.22	240	415951	20.00	ng	0.00
86) Perylene-d12	15.78	264	463153	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1068029	107.74	ng	0.02
7) Phenol-d6	6.64	99	1423310	108.05	ng	0.01
23) Nitrobenzene-d5	7.58	82	942969	81.54	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	338643	109.90	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1417723	73.68	ng	0.00
78) Terphenyl-d14	13.15	244	1154792	70.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	129913	14.584	ng	# 84
25) Isophorone	7.58	82	942957	42.777	ng	# 64
49) Dimethylphthalate	9.77	163	201105	9.346	ng	# 98
56) 2,4-Dinitrotoluene	10.07	165	39600	6.833	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.86	198	850	5.758	ng	# 1
66) 4-Bromophenyl-phenylether	10.86	248	22498	4.113	ng	# 1

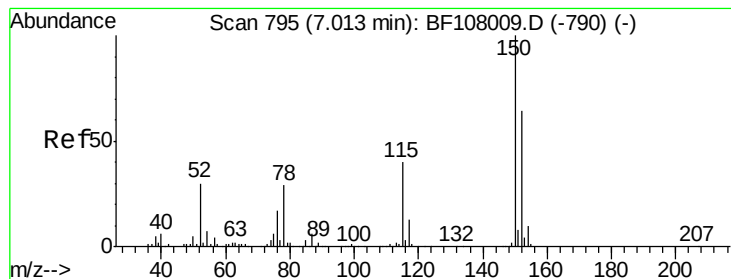
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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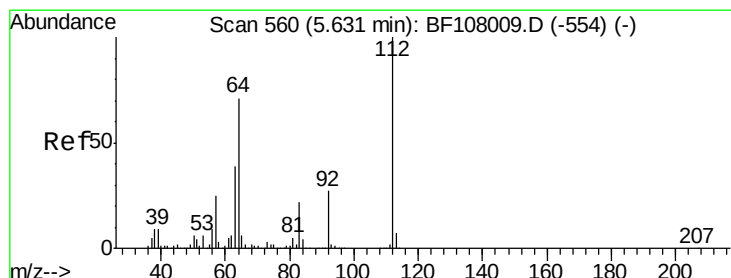
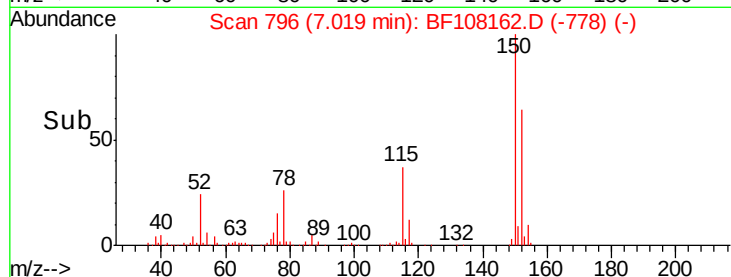
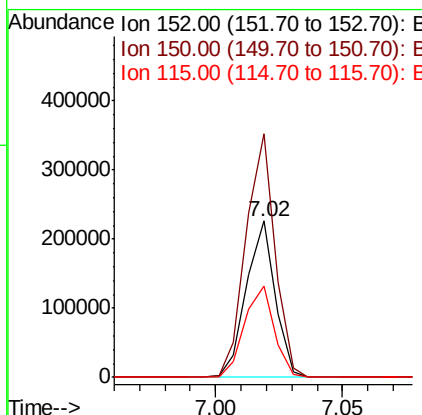
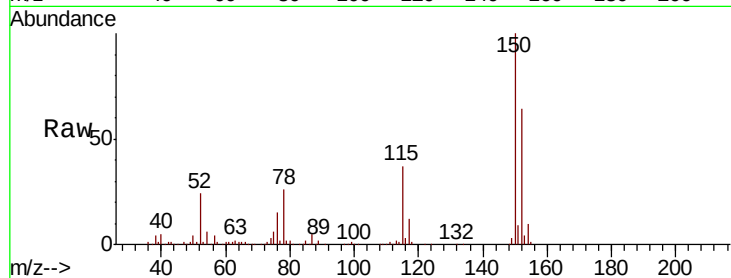


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Instrument :
BNA_F
ClientSampleId :

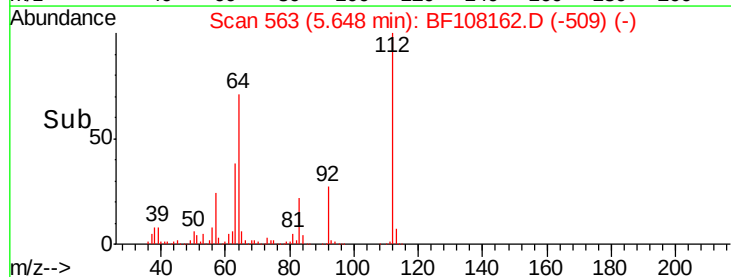
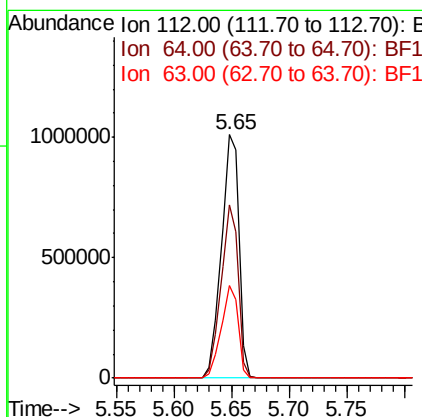
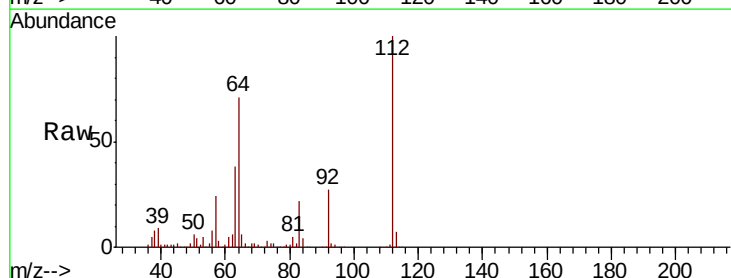
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	58.3	50.1	75.1

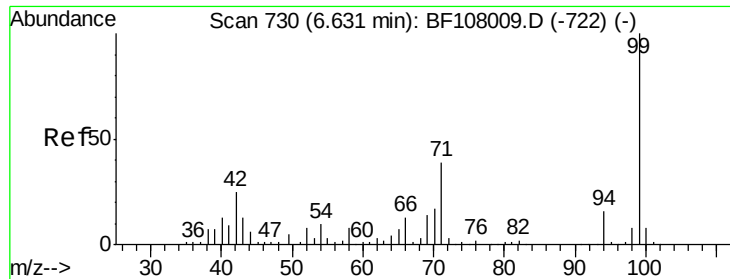


#5

2-Fluorophenol
Concen: 107.742 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.1	47.9	71.9
63	38.0	23.7	35.5





#7

Phenol-d6

Concen: 108.049 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

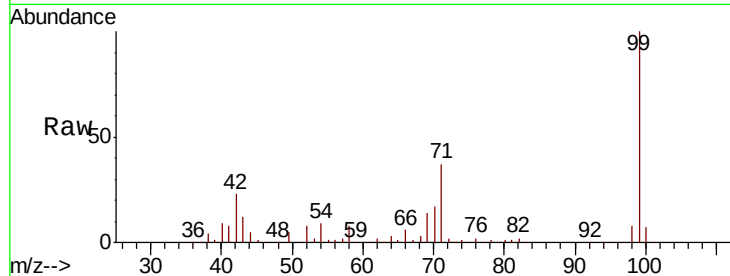
Lab File: BF108162.D

Acq: 15 Aug 2018 13:37

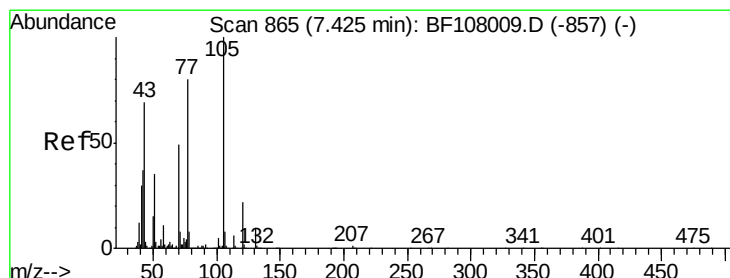
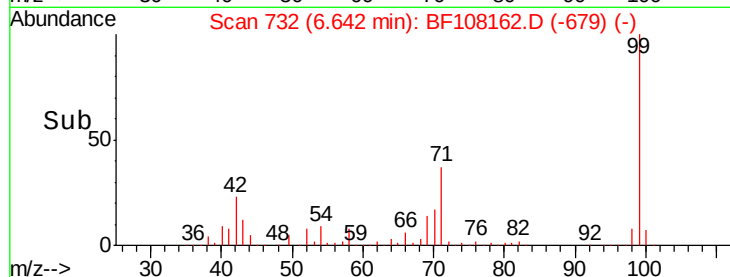
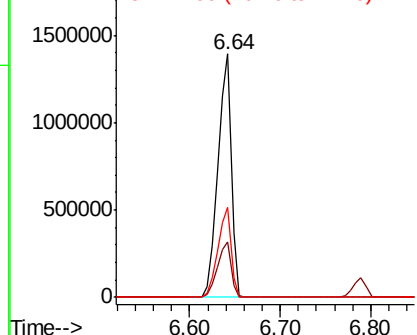
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 99 Resp: 1423310

Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	36.9	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



#19

n-Nitroso-di-n-propylamine

Concen: 14.584 ng

RT: 7.58 min Scan# 891

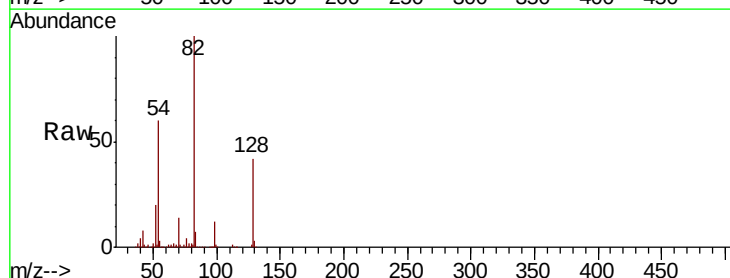
Delta R.T. 0.15 min

Lab File: BF108162.D

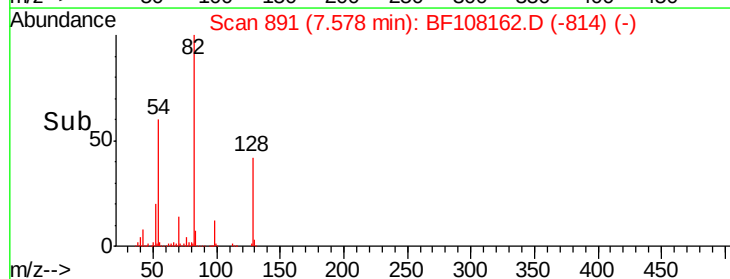
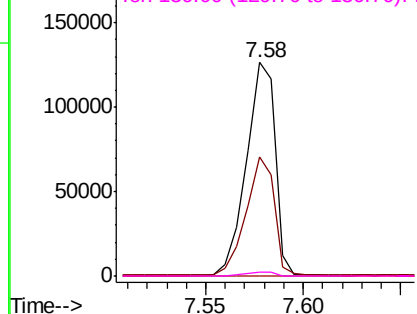
Acq: 15 Aug 2018 13:37

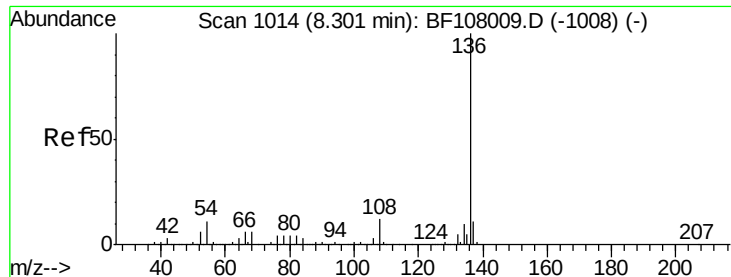
Tgt Ion: 70 Resp: 129913

Ion	Ratio	Lower	Upper
70	100		
42	55.6	47.5	71.3
101	0.0	7.4	11.2#
130	1.6	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

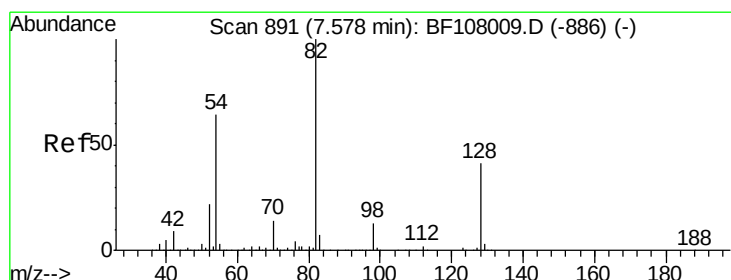
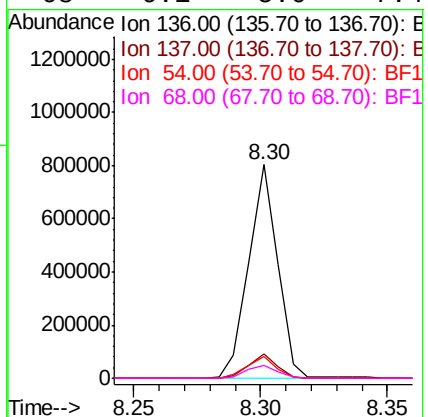
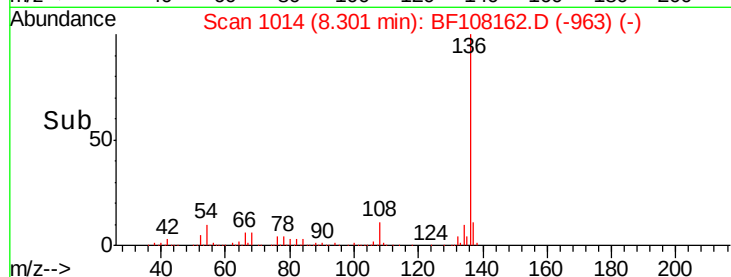
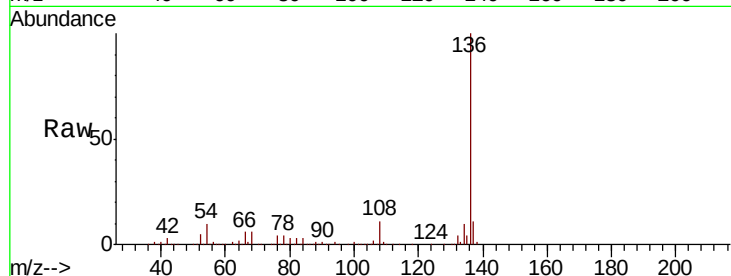




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

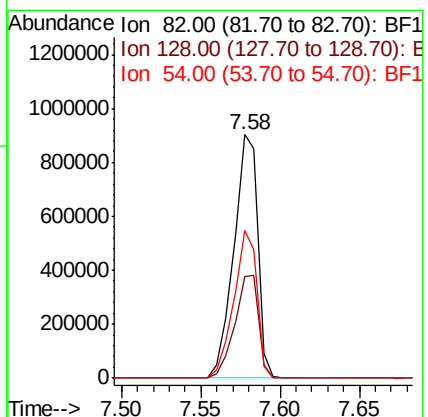
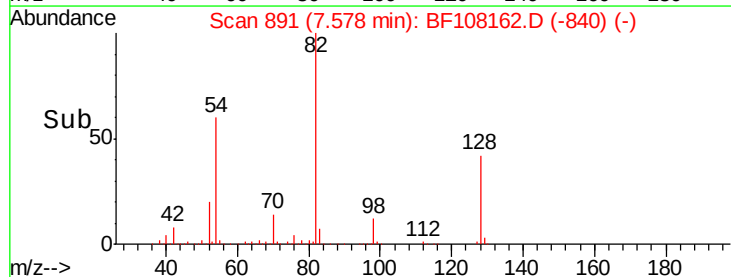
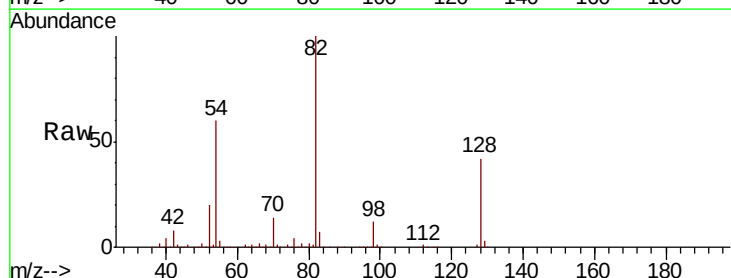
Instrument :
BNA_F
ClientSampleId :

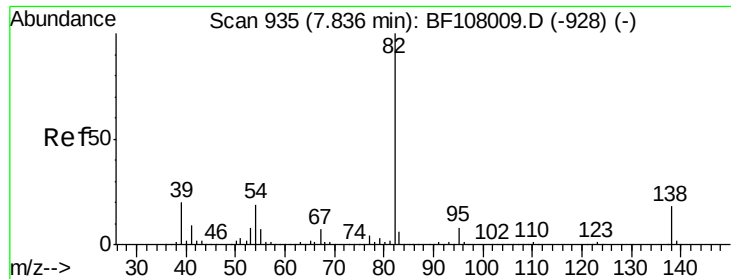
Tot Ion:136	Resp:	645348
Ion Ratio	Lower	Upper
136 100		
137 11.2	8.9	13.3
54 10.3	6.6	9.8#
68 6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.536 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Tgt Ion: 82	Resp: 942969
Ion Ratio	Lower Upper
82 100	
128 41.9	36.1 54.1
54 60.4	41.4 62.2

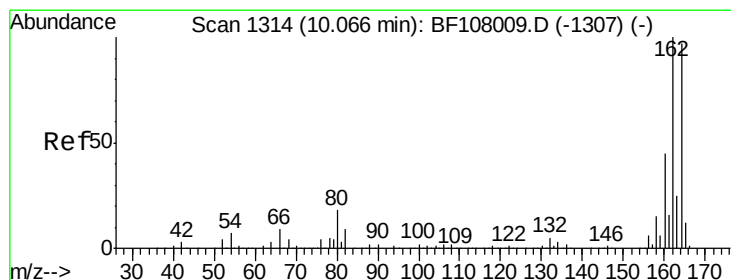
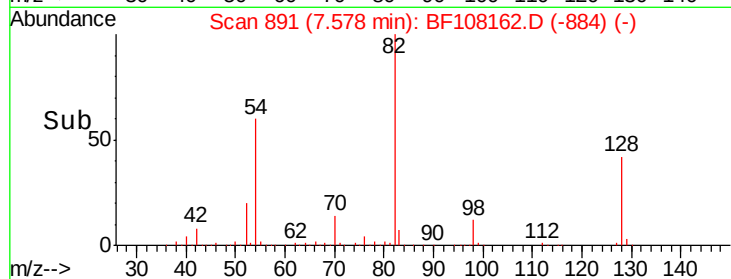
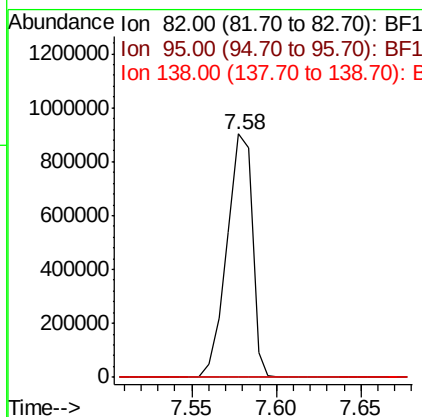
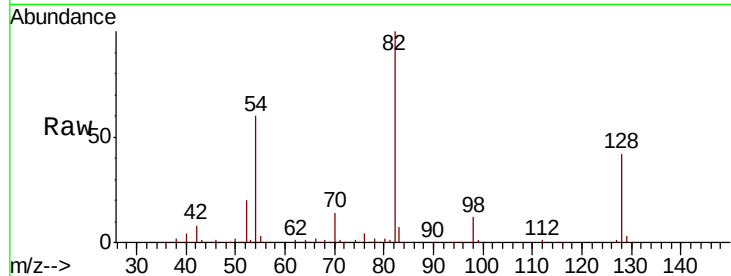




#25
Isophorone
Concen: 42.777 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

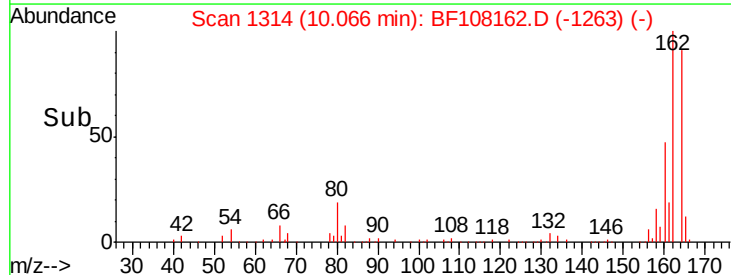
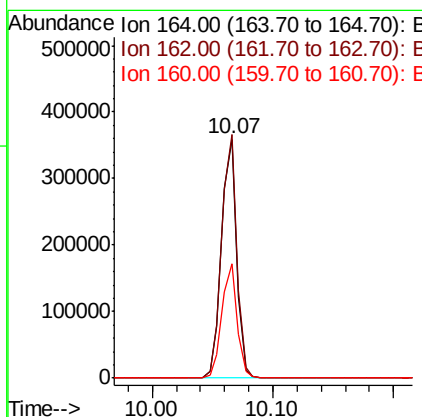
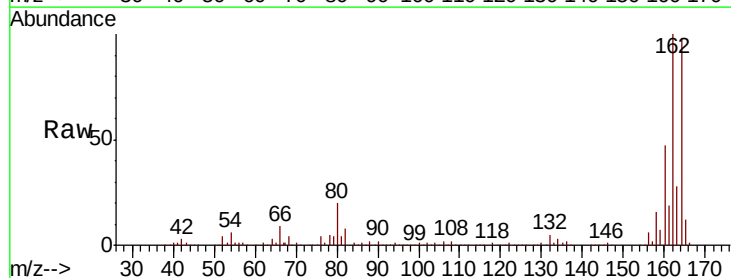
Instrument :
BNA_F
ClientSampled :

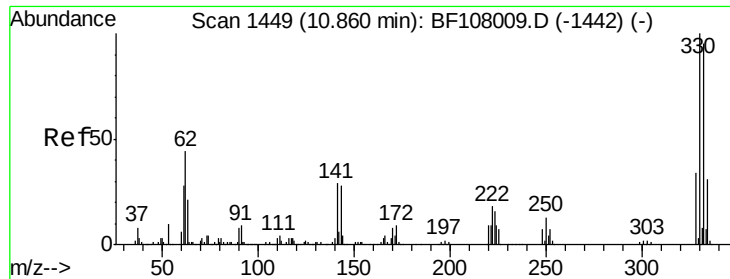
Tot Ion: 82 Resp: 942957
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Tgt Ion:164 Resp: 308915
Ion Ratio Lower Upper
164 100
162 101.8 86.1 129.1
160 47.9 38.3 57.5

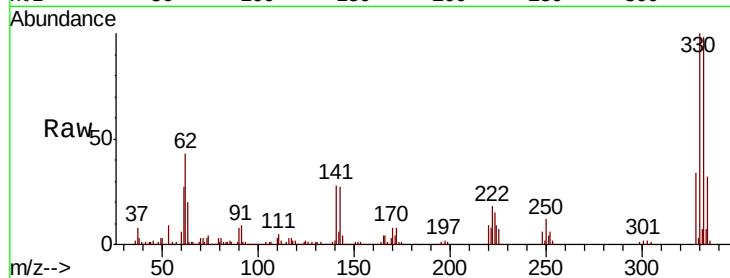




#41
 2,4,6-Tribromophenol
 Concen: 109.901 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.5	29.9	44.9

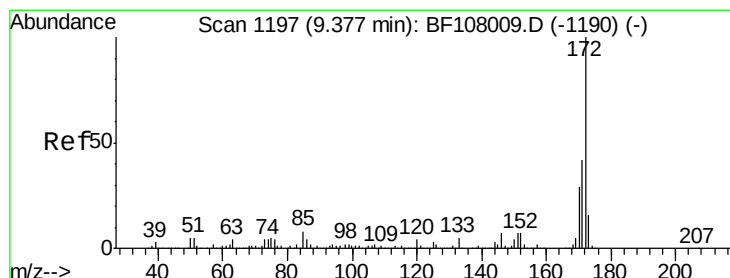
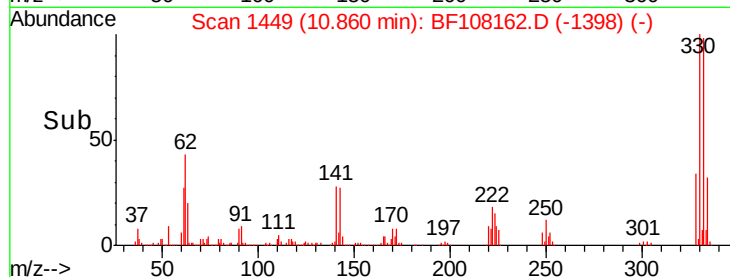
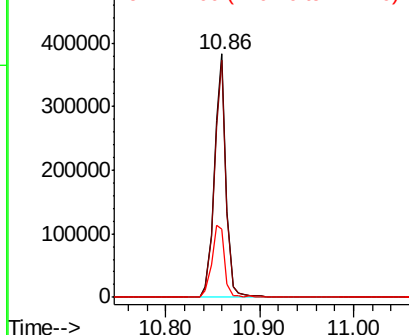


Abundance

Ion 329.80 (329.50 to 330.50): E

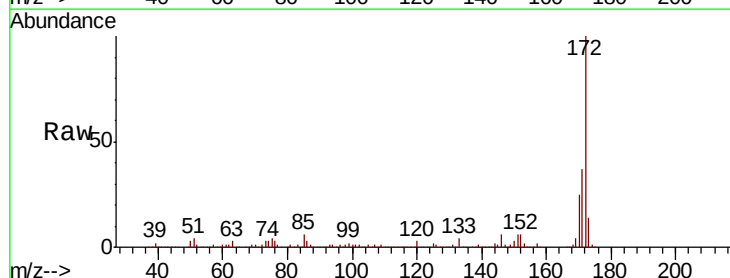
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.681 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4

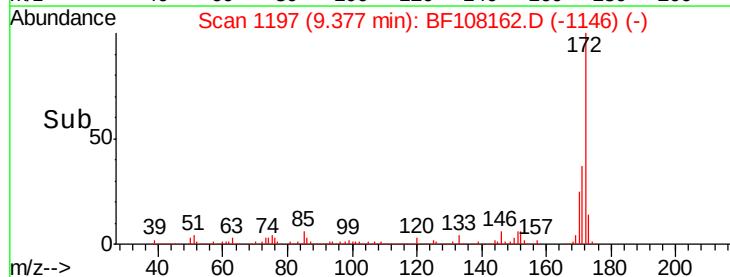
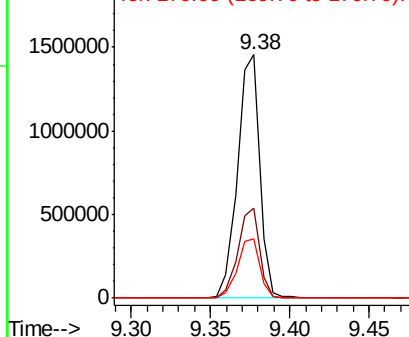


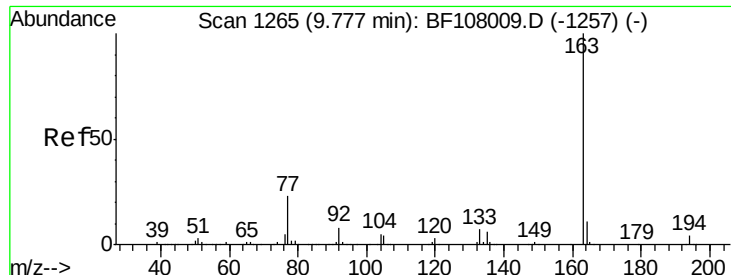
Abundance

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

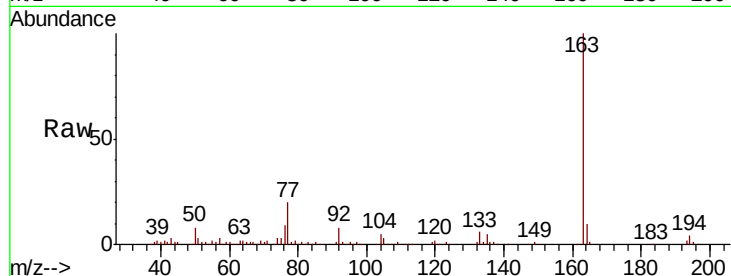




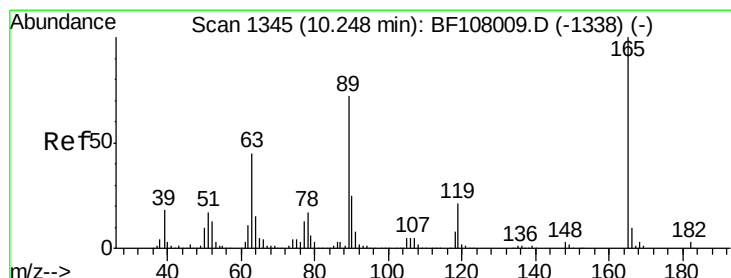
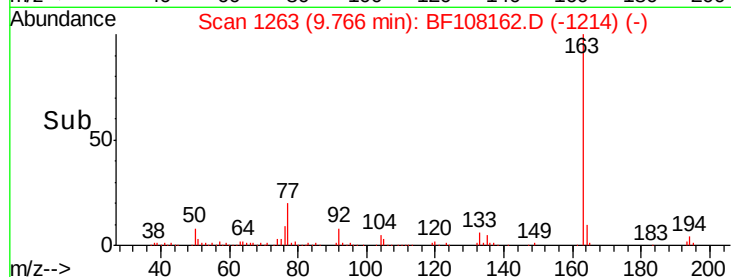
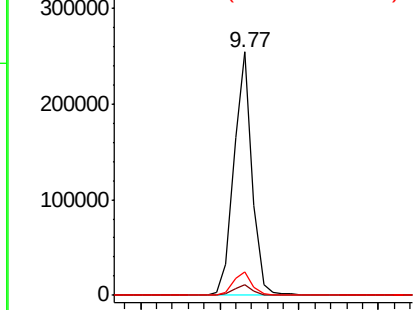
#49
Dimethylphthalate
Concen: 9.346 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	9.7	8.2	12.2

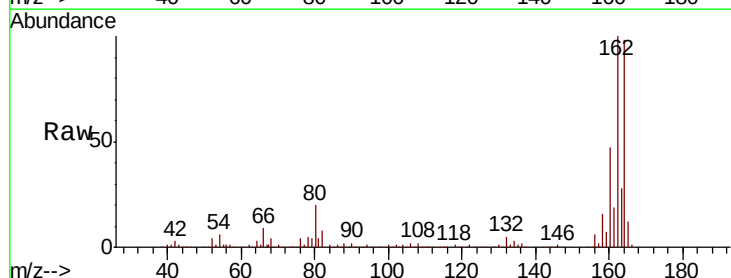


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

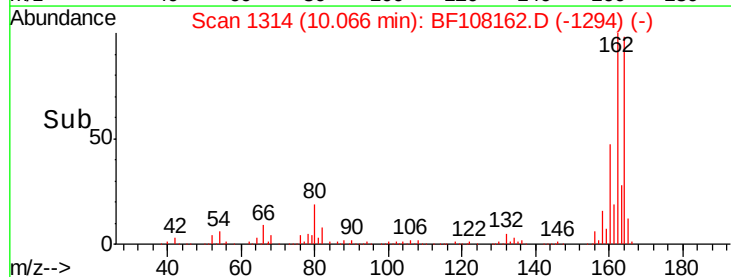
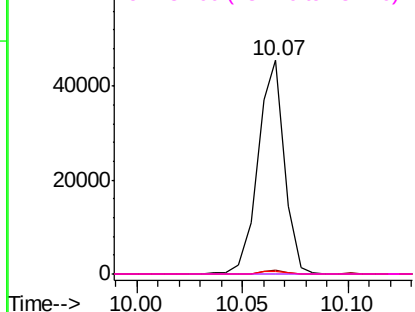


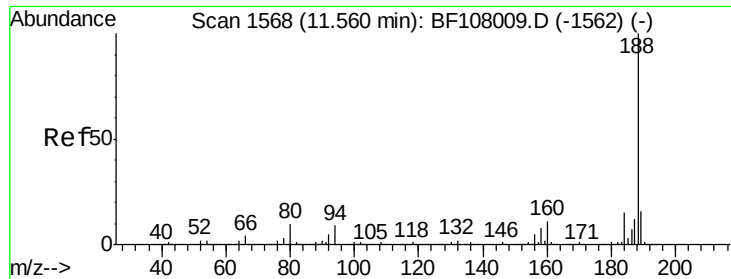
#56
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 10.07 min Scan# 1314
Delta R.T. -0.18 min
Lab File: BF108162.D
Acq: 15 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	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

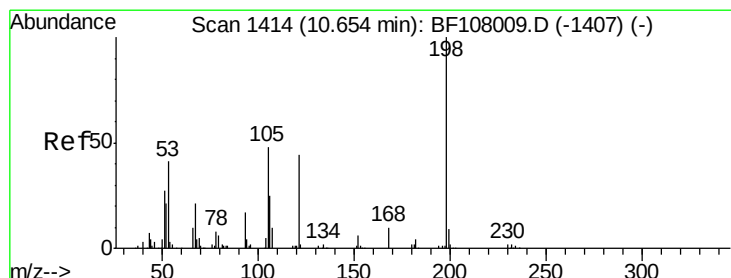
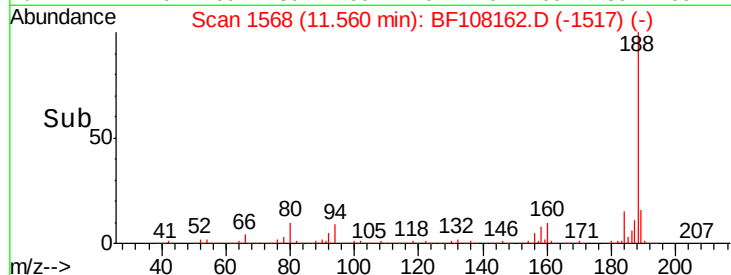
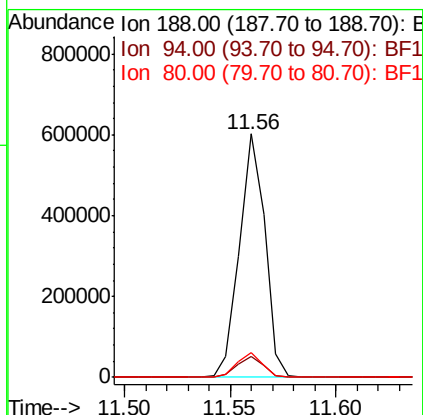
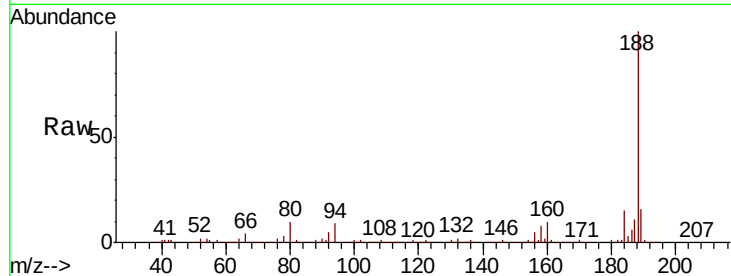




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

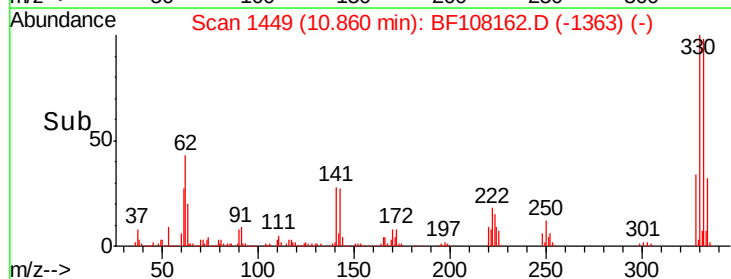
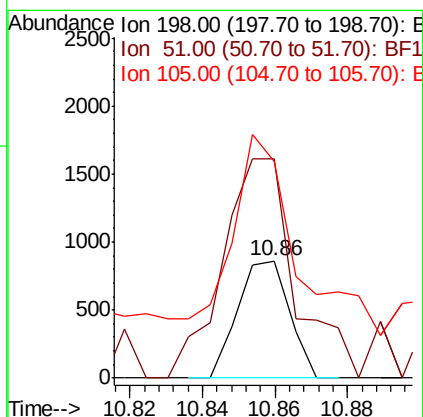
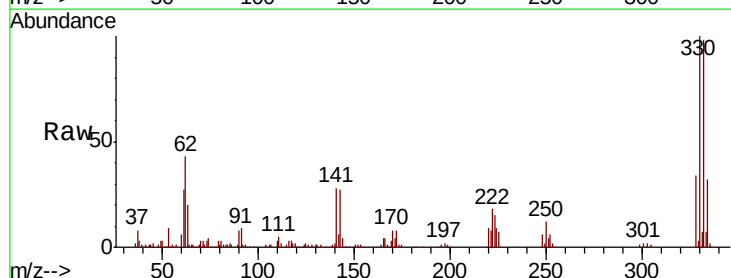
Instrument :
 BNA_F
 ClientSampleId :

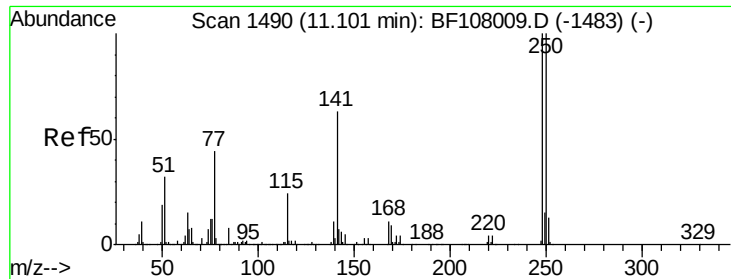
Tot Ion:188 Resp: 503296
 Ion Ratio Lower Upper
 188 100
 94 8.8 8.5 12.7
 80 10.2 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.758 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.21 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Tgt Ion:198 Resp: 850
 Ion Ratio Lower Upper
 198 100
 51 187.8 37.7 77.7#
 105 185.0 36.3 76.3#

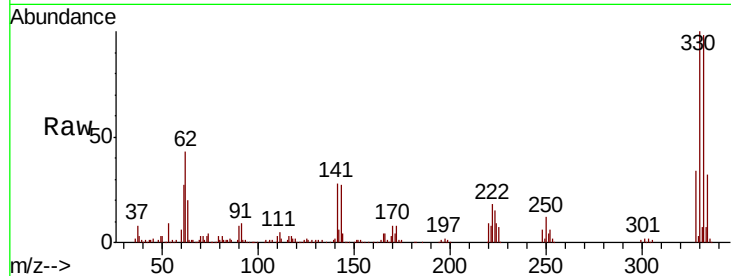




#66
 4-Bromophenyl-phenylether
 Concen: 4.113 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.9	76.9	115.3#
141	442.6	74.4	111.6#

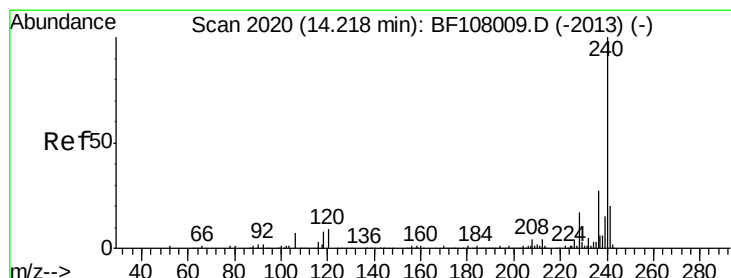
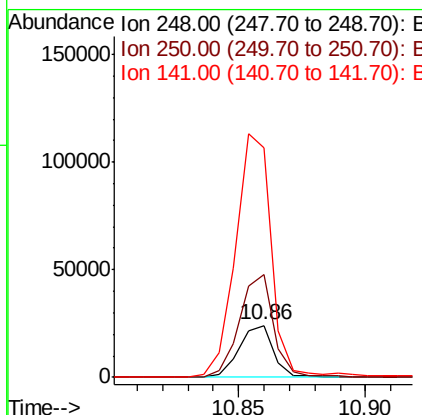
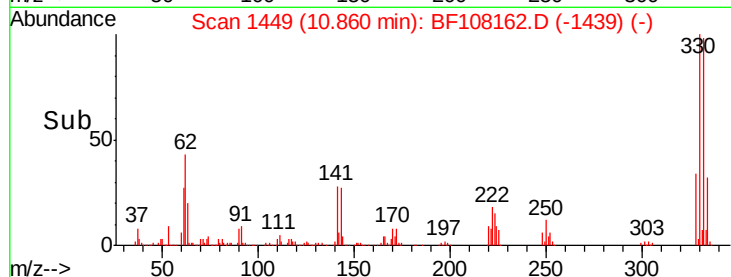


Abundance

Ion 248.00 (247.70 to 248.70): E

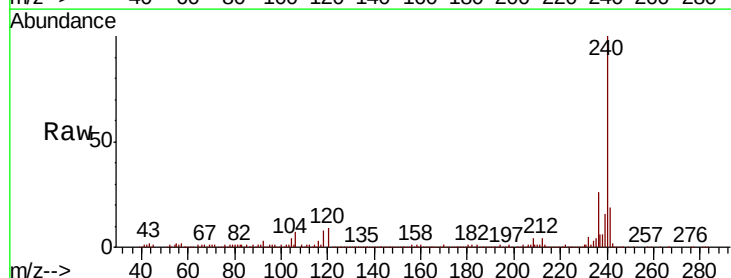
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF108162.D
 Acq: 15 Aug 2018 13:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	25.8	20.7	31.1

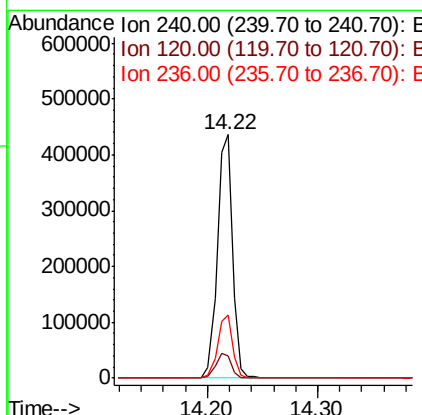
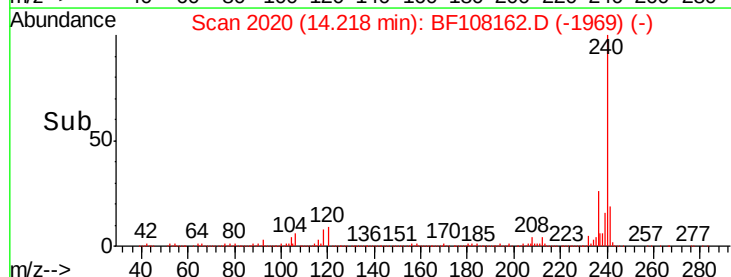


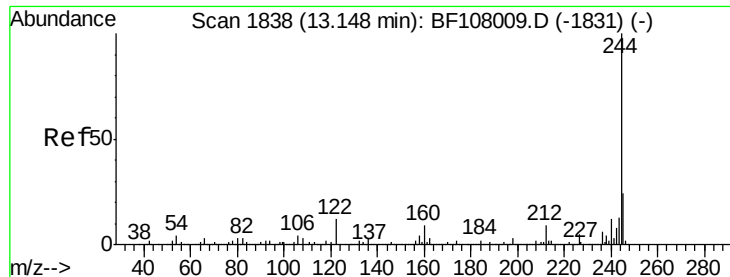
Abundance

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: 70.589 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108162.D

Acq: 15 Aug 2018 13:37

Instrument :

BNA_F

ClientSampleId :

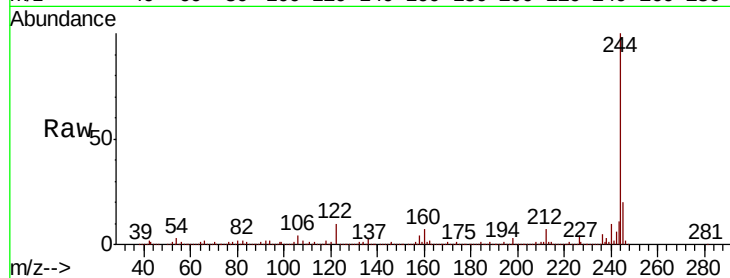
Tot Ion:244 Resp: 1154792

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

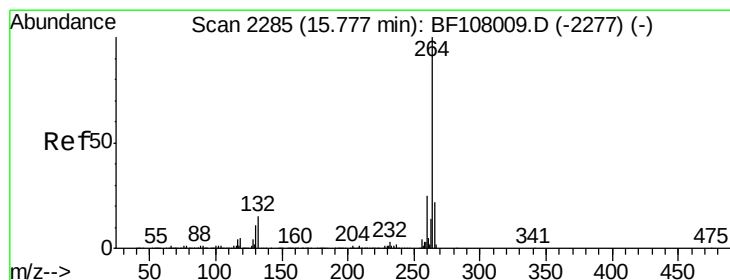
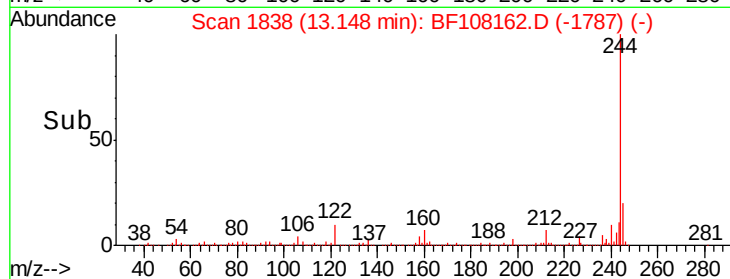
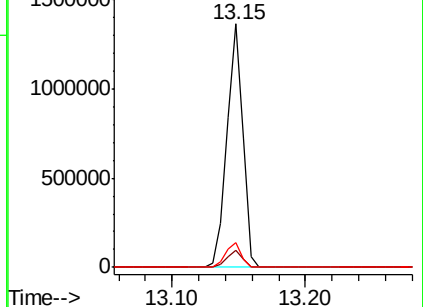
122 10.0 11.0 16.4#



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# 2286

Delta R.T. 0.01 min

Lab File: BF108162.D

Acq: 15 Aug 2018 13:37

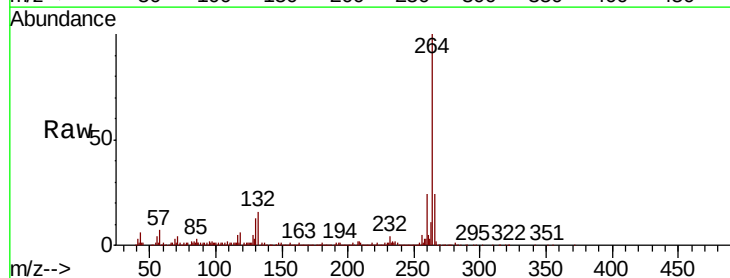
Tgt Ion:264 Resp: 463153

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 23.7 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

