

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082118\
 Data File : BF108366.D
 Acq On : 22 Aug 2018 4:26
 Operator : JU/SJ
 Sample : J4539-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MS-BASELINE-WATER

Quant Time: Aug 22 04:59:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	175110	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	622391	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	277909	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	442510	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	363536	20.00	ng	-0.02
86) Perylene-d12	15.75	264	301987	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	563737	58.28	ng	0.00
7) Phenol-d6	6.62	99	461281	35.89	ng	-0.01
23) Nitrobenzene-d5	7.57	82	1083970	97.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	343980	124.09	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	1768542	102.17	ng	-0.01
78) Terphenyl-d14	13.14	244	1416586	99.08	ng	-0.01

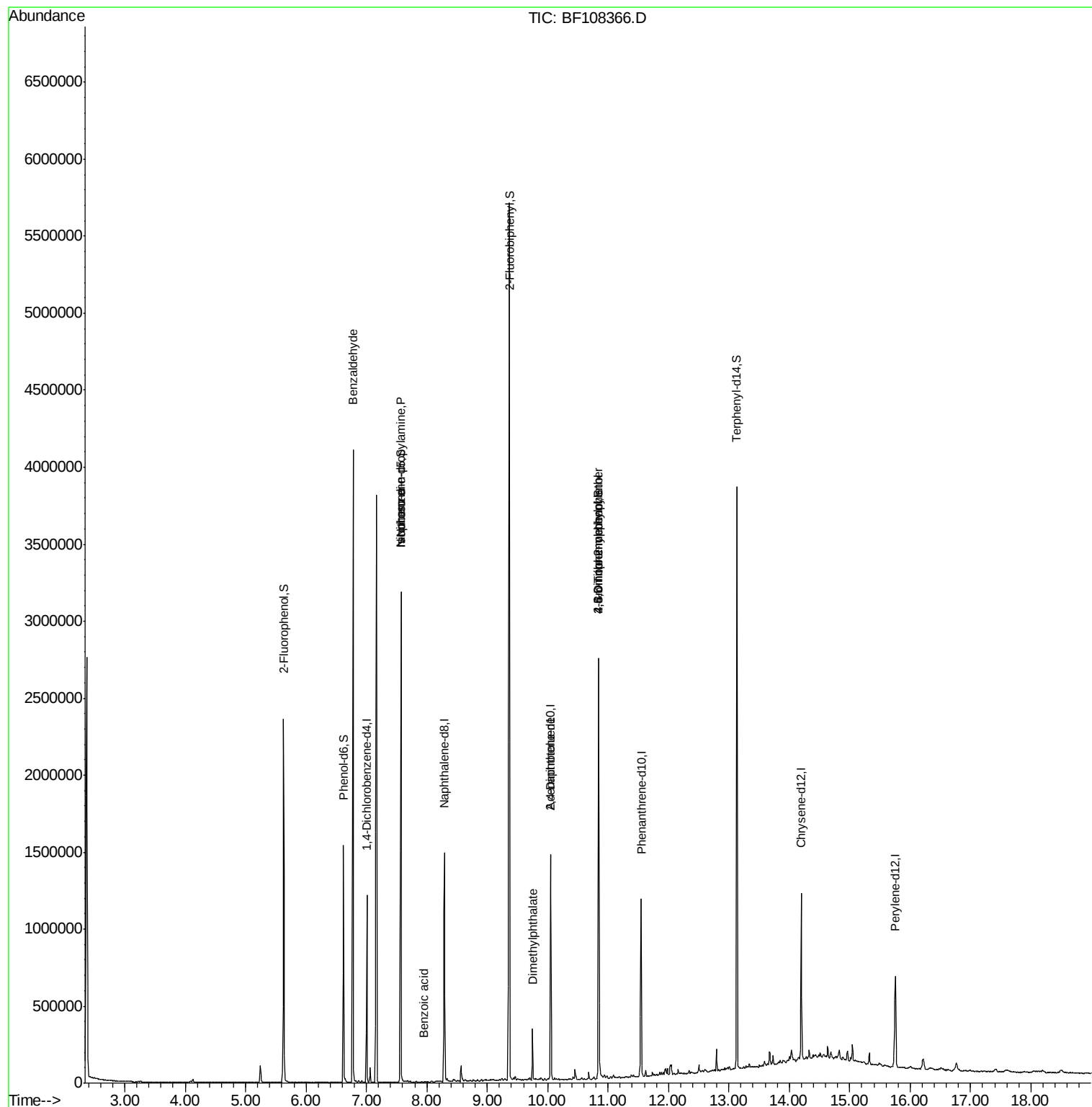
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	26954	2.705	ng	# 75
19) n-Nitroso-di-n-propylamine	7.57	70	149131	17.158	ng	# 84
25) Isophorone	7.57	82	1083961	50.988	ng	# 64
32) Benzoic acid	7.94	122	118	5.993	ng	# 1
49) Dimethylphthalate	9.75	163	129410	6.685	ng	100
56) 2,4-Dinitrotoluene	10.05	165	35314	6.774	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.84	198	757	5.763	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	22688	4.718	ng	# 1

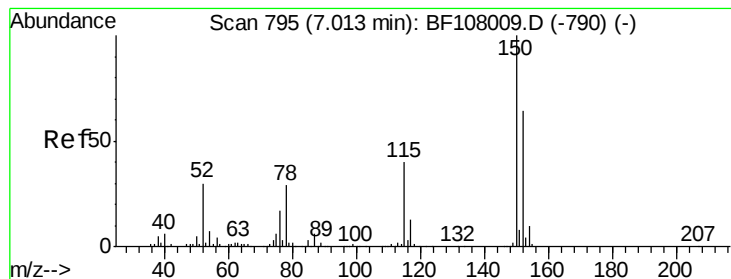
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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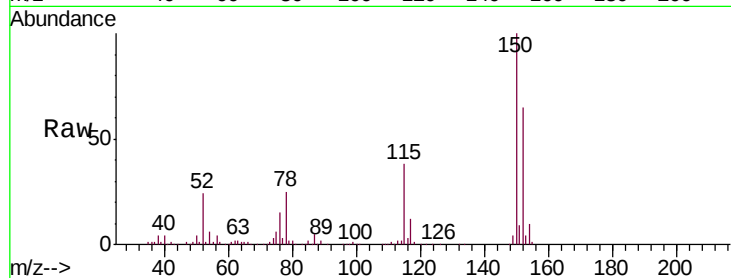


#1

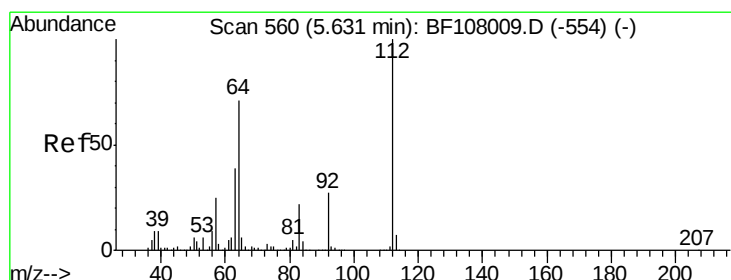
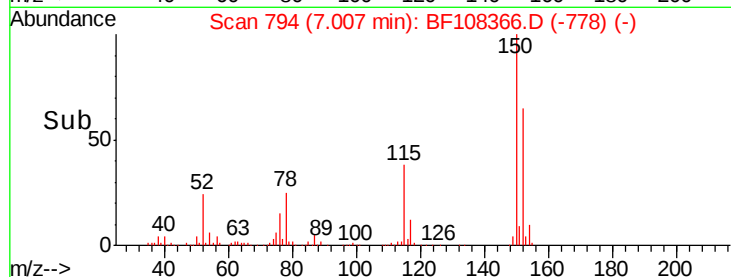
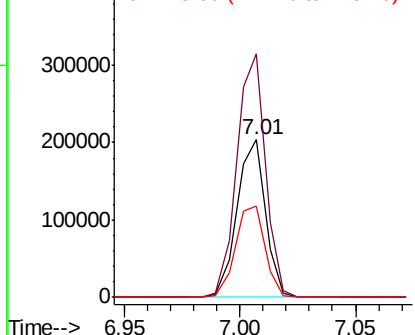
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	58.3	50.1	75.1



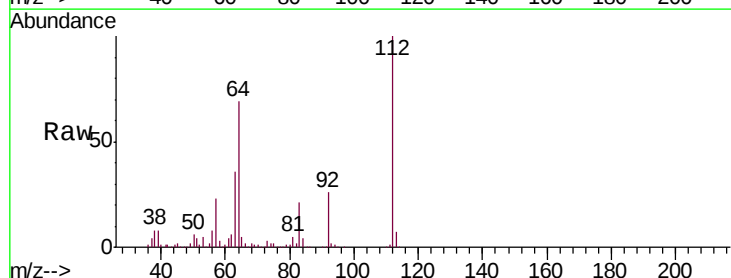
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



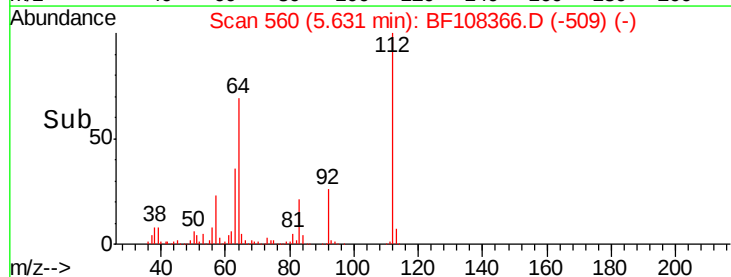
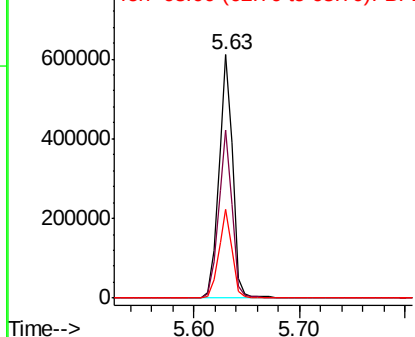
#5

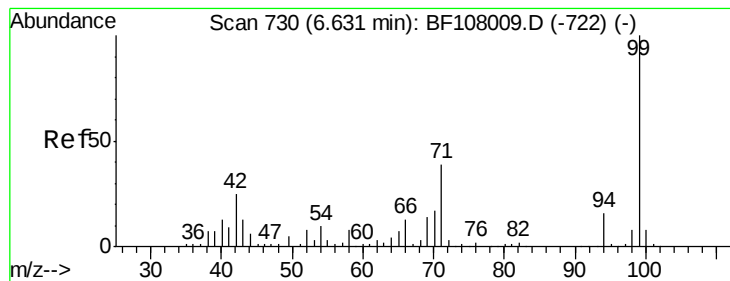
2-Fluorophenol
Concen: 58.285 ng
RT: 5.63 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	47.9	71.9
63	36.4	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: 35.889 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

Instrument :

BNA_F

ClientSampleId :

MS-BASELINE-WATER

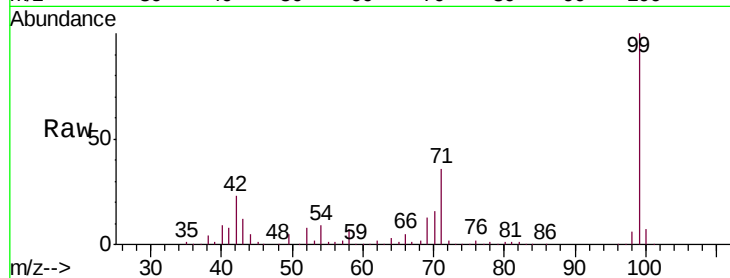
Tgt Ion: 99 Resp: 461281

Ion Ratio Lower Upper

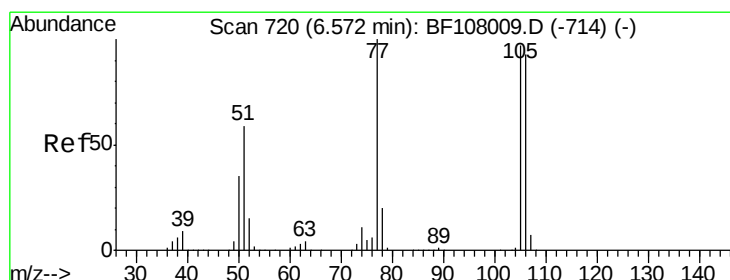
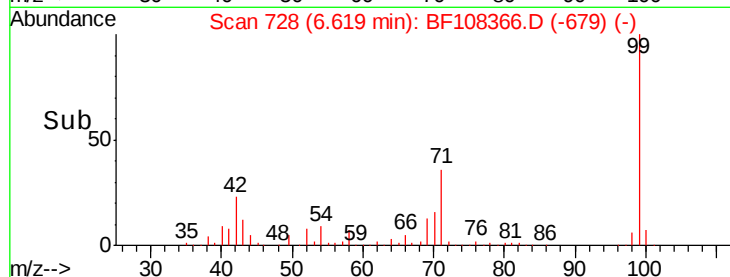
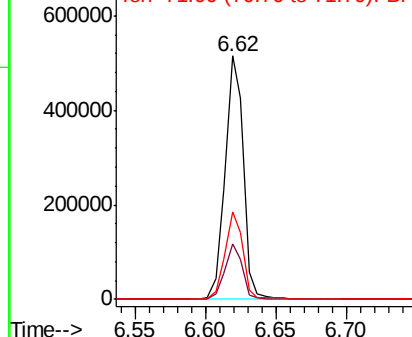
99 100

42 22.7 14.5 21.7#

71 36.1 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



#9

Benzaldehyde

Concen: 2.705 ng

RT: 6.78 min Scan# 755

Delta R.T. 0.21 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

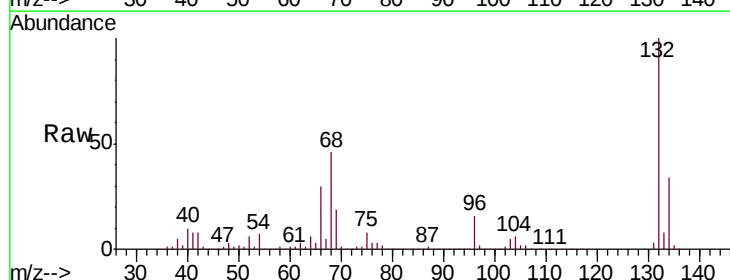
Tgt Ion: 77 Resp: 26954

Ion Ratio Lower Upper

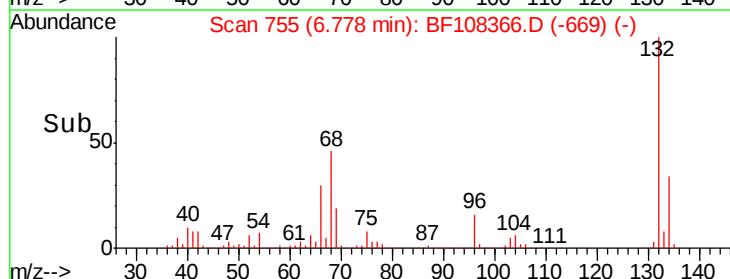
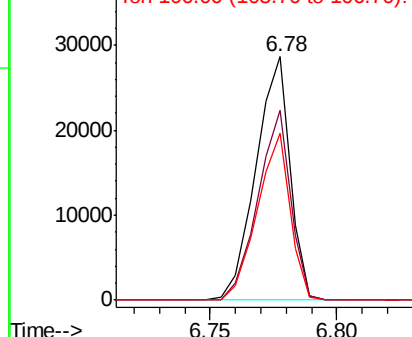
77 100

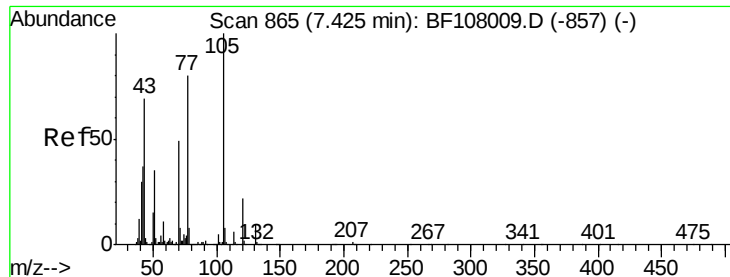
105 77.9 81.1 121.1#

106 68.6 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

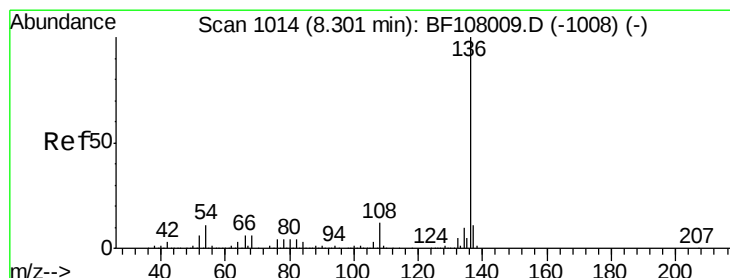
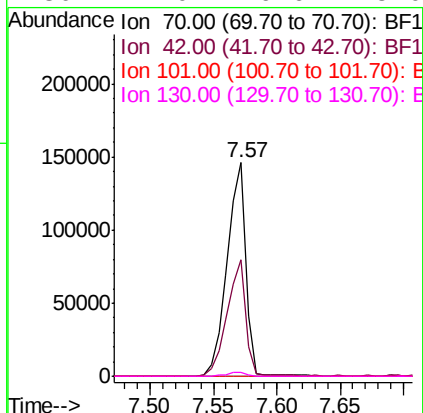
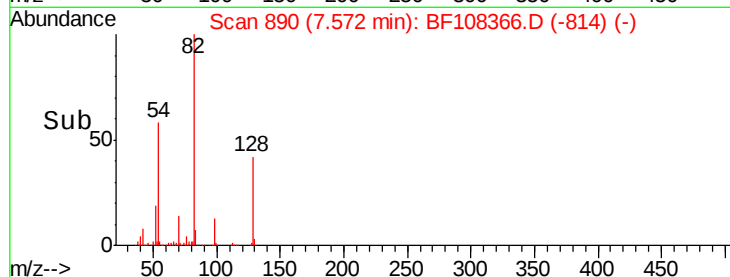
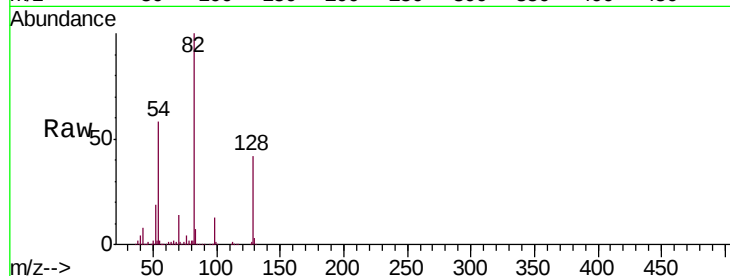




#19
n-Nitroso-di-n-propylamine
Concen: 17.158 ng
RT: 7.57 min Scan# 890
Delta R.T. 0.15 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

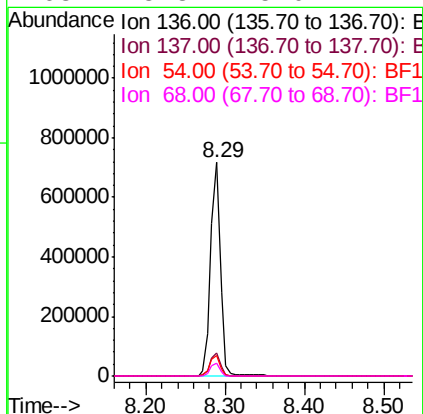
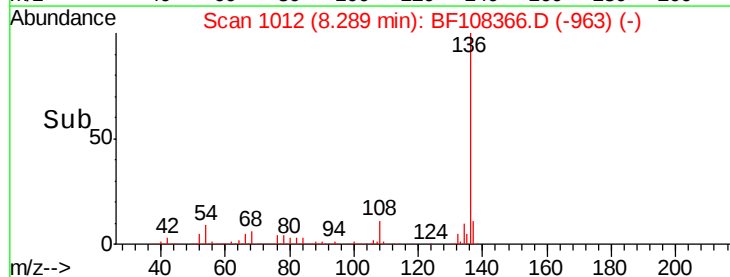
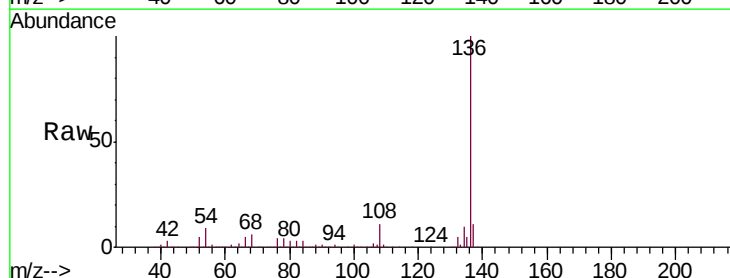
Instrument :
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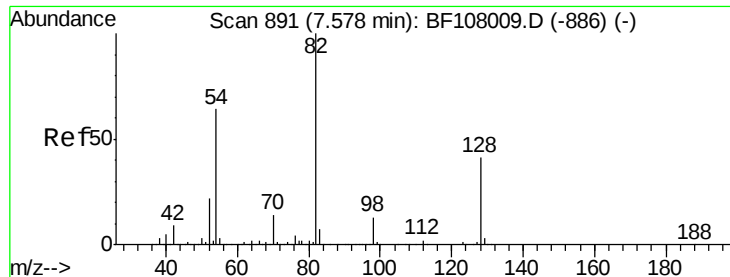
Tgt Ion: 70 Resp: 149131
Ion Ratio Lower Upper
70 100
42 54.4 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion: 136 Resp: 622391
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.5 6.6 9.8
68 5.8 5.0 7.4

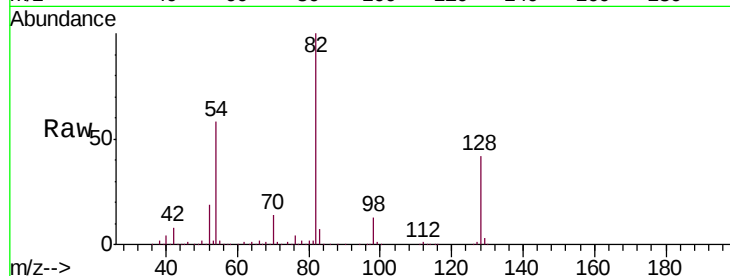




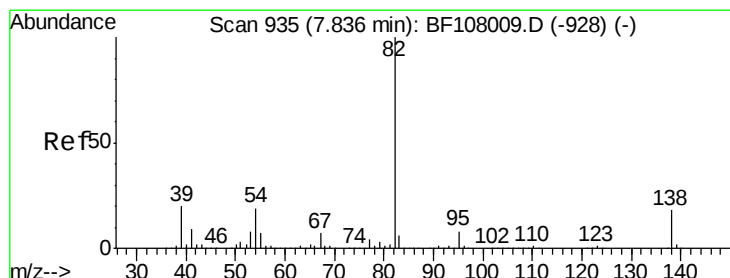
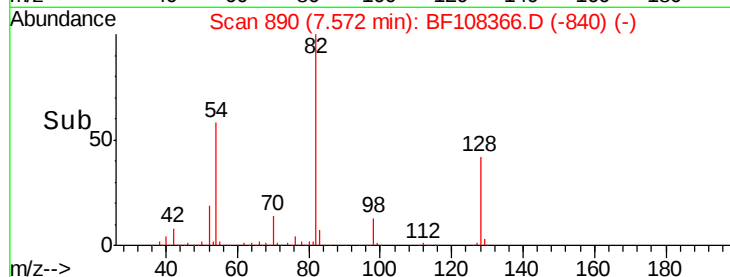
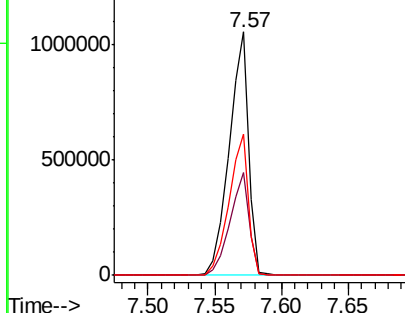
#23
Nitrobenzene-d5
Concen: 97.185 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion: 82 Resp: 1083970
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 58.0 41.4 62.2

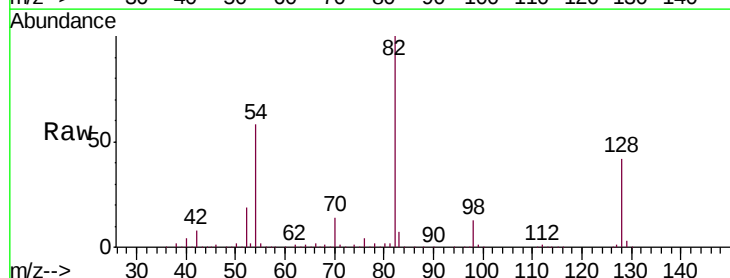


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

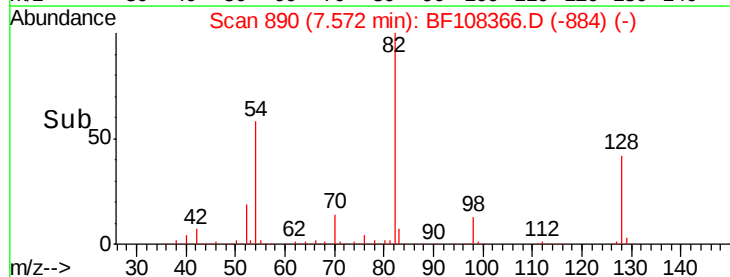
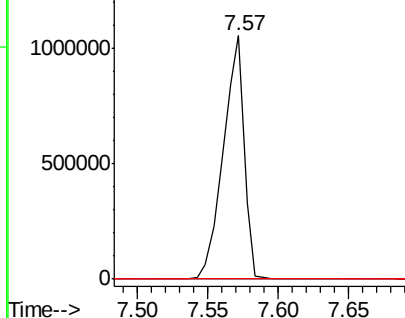


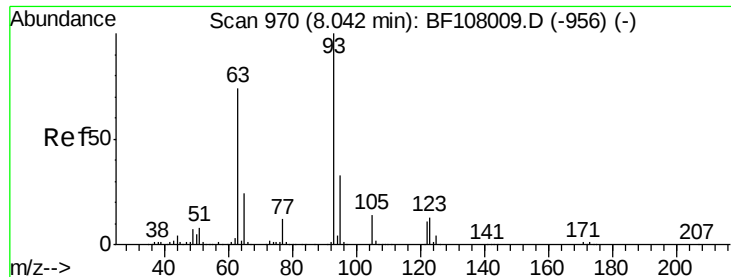
#25
Isophorone
Concen: 50.988 ng
RT: 7.57 min Scan# 890
Delta R.T. -0.26 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion: 82 Resp: 1083961
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





#32

Benzoic acid

Concen: 5.993 ng

RT: 7.94 min Scan# 953

Delta R.T. -0.10 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

Instrument :

BNA_F

ClientSampleId :

MS-BASELINE-WATER

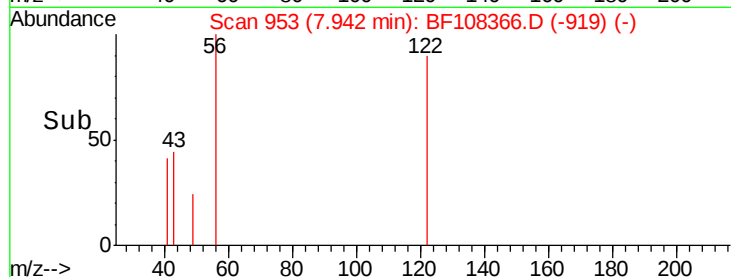
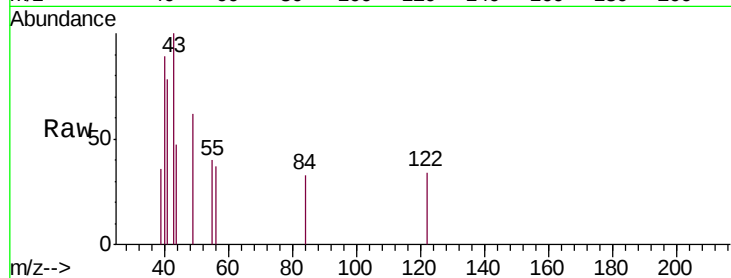
Tgt Ion:122 Resp: 118

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

7.94

400

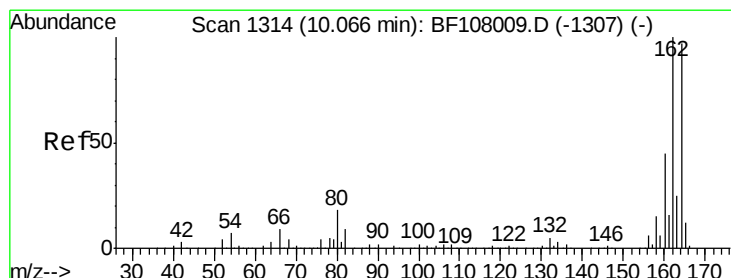
300

200

100

0

Time--> 7.92 7.93 7.94 7.95 7.96



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

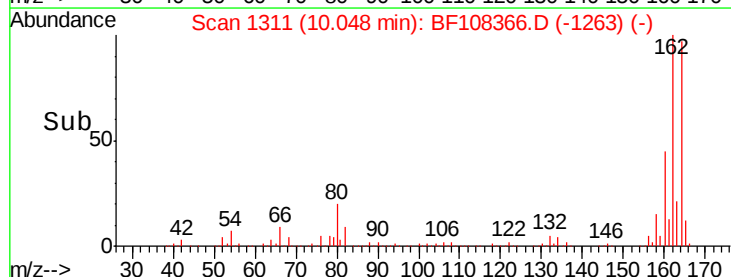
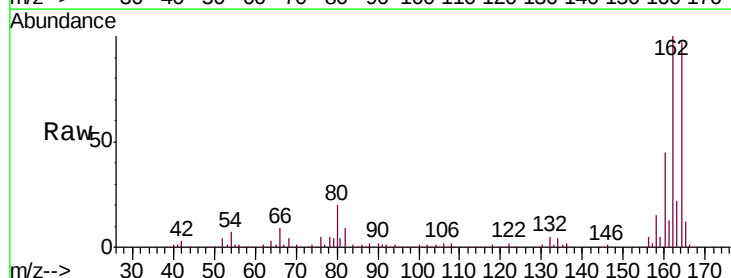
Tgt Ion:164 Resp: 277909

Ion Ratio Lower Upper

164 100

162 102.9 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

10.05

400000

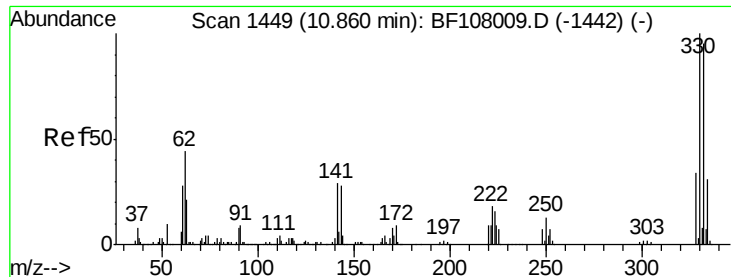
300000

200000

100000

0

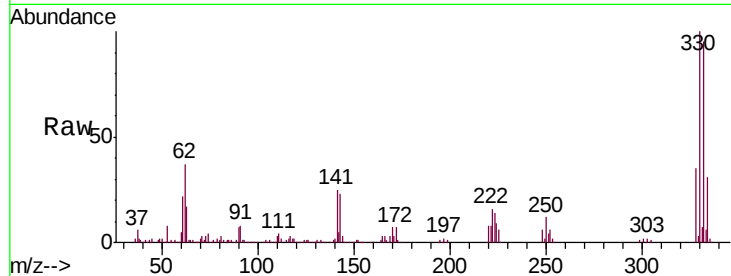
Time--> 10.00 10.10



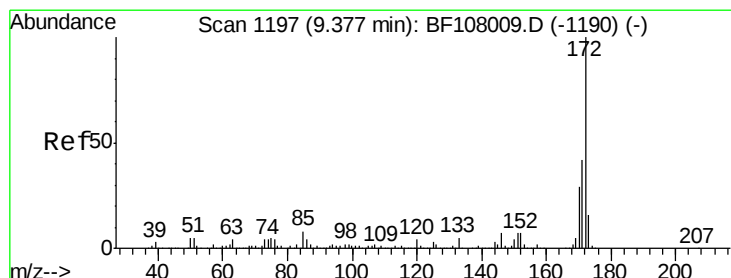
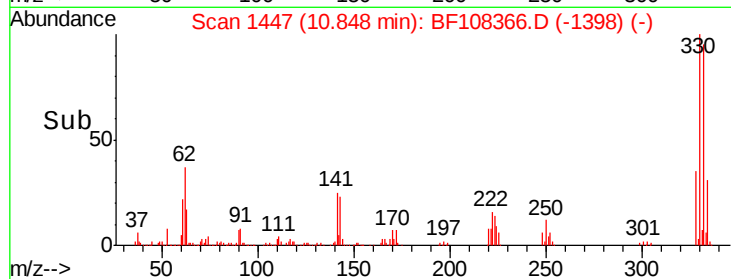
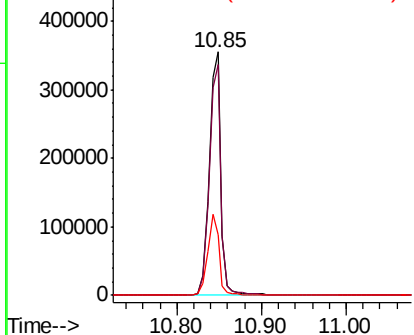
#41
 2,4,6-Tribromophenol
 Concen: 124.088 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF108366.D
 Acq: 22 Aug 2018 4:26

Instrument :
 BNA_F
 ClientSampleId :
 MS-BASELINE-WATER

Tgt Ion:330 Resp: 343980
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.8 29.9 44.9

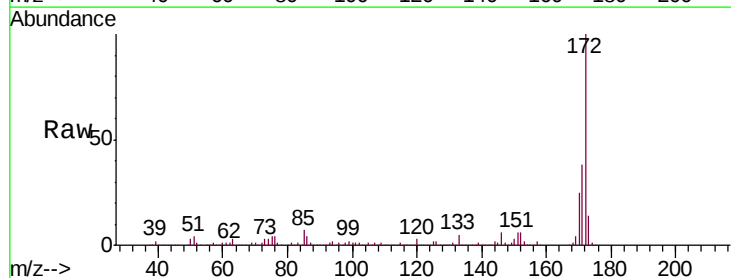


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

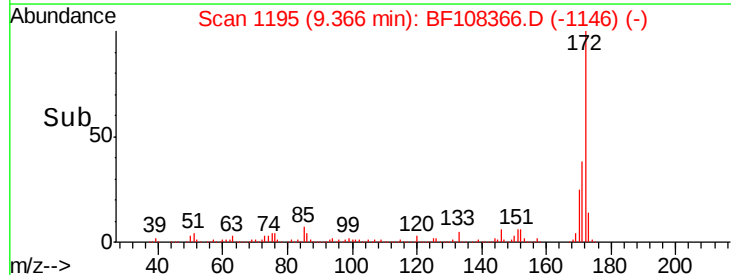
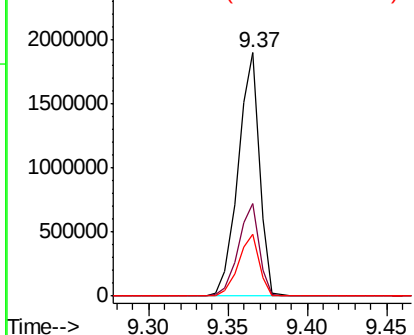


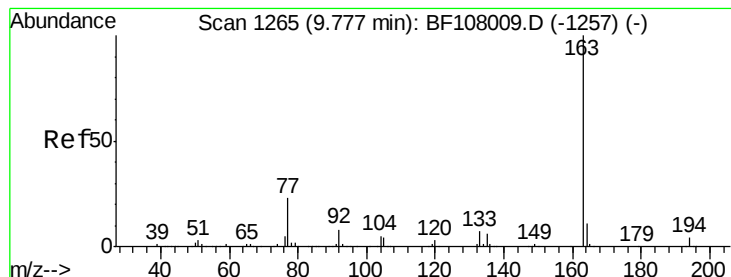
#44
 2-Fluorobiphenyl
 Concen: 102.168 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF108366.D
 Acq: 22 Aug 2018 4:26

Tgt Ion:172 Resp: 1768542
 Ion Ratio Lower Upper
 172 100
 171 37.8 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





#49

Dimethylphthalate

Concen: 6.685 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.03 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

Instrument :

BNA_F

ClientSampleId :

MS-BASELINE-WATER

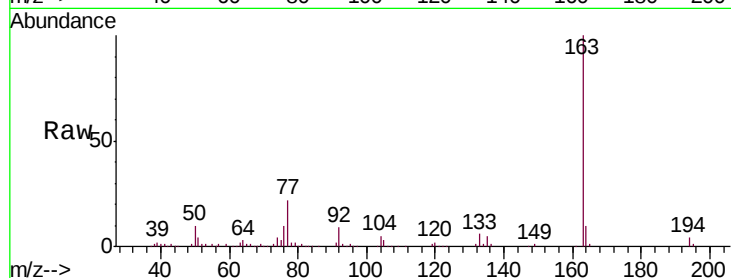
Tgt Ion:163 Resp: 129410

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

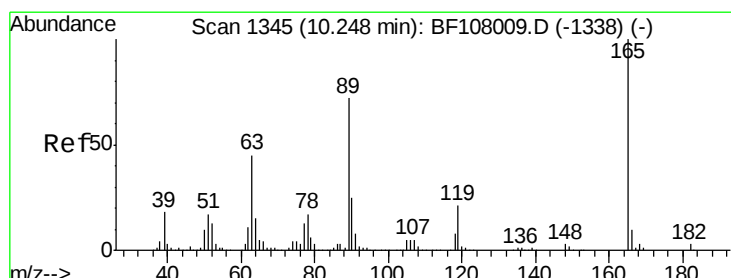
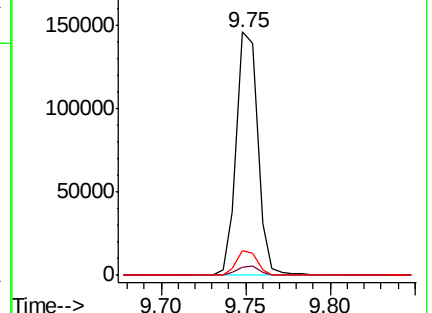
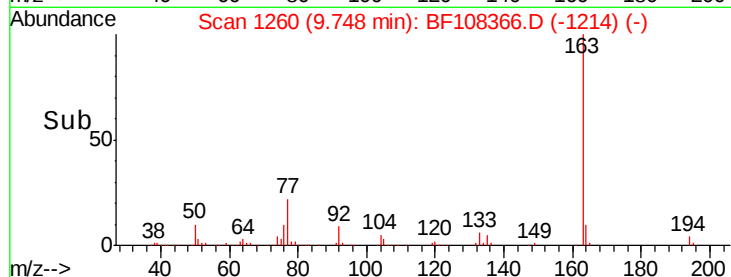
164 10.4 8.2 12.2



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: 6.774 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.20 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

Tgt Ion:165 Resp: 35314

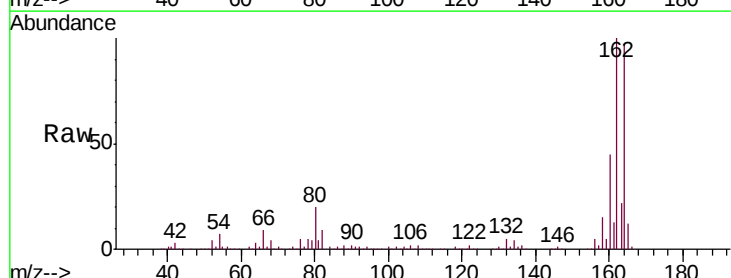
Ion Ratio Lower Upper

165 100

63 2.1 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

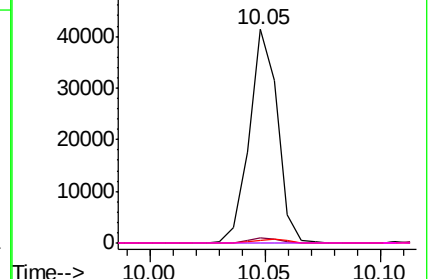
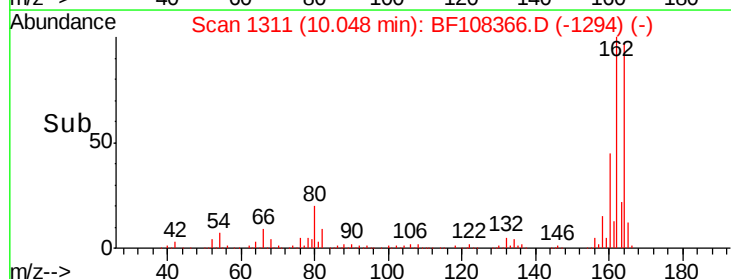


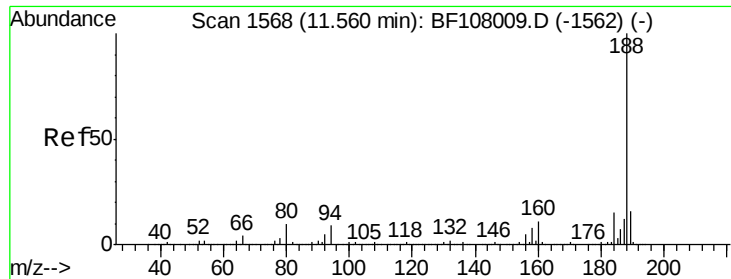
Abundance Ion 165.00 (164.70 to 165.70): E

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

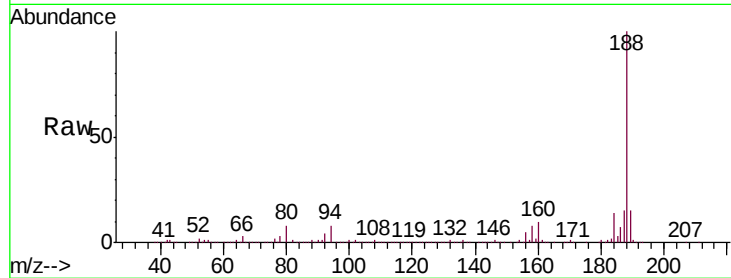




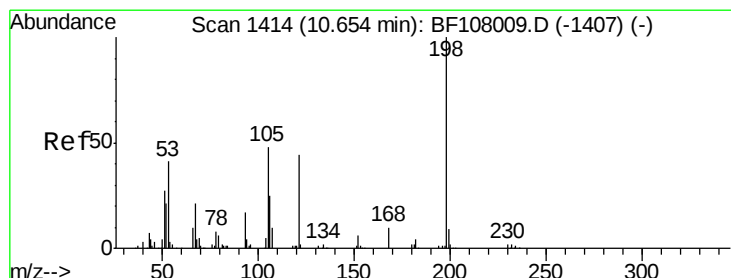
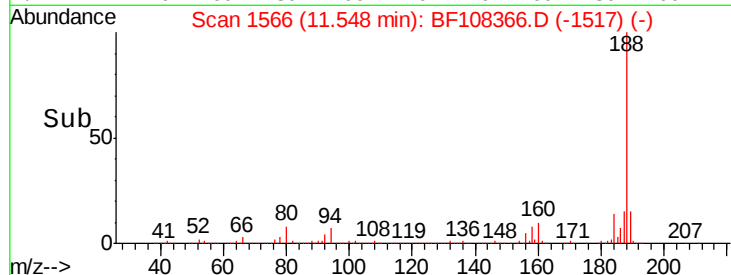
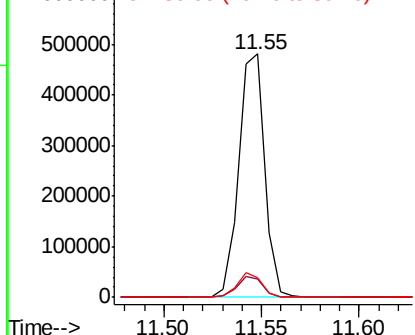
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion:188 Resp: 442510
Ion Ratio Lower Upper
188 100
94 7.5 8.5 12.7#
80 8.2 9.2 13.8#

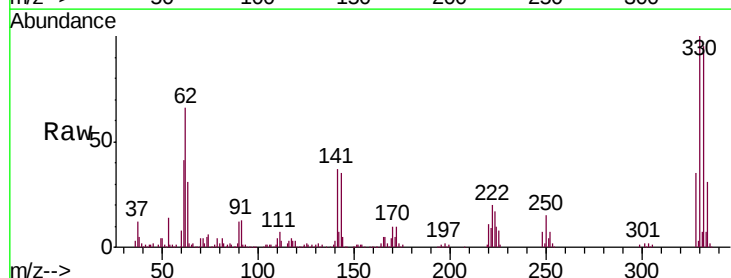


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

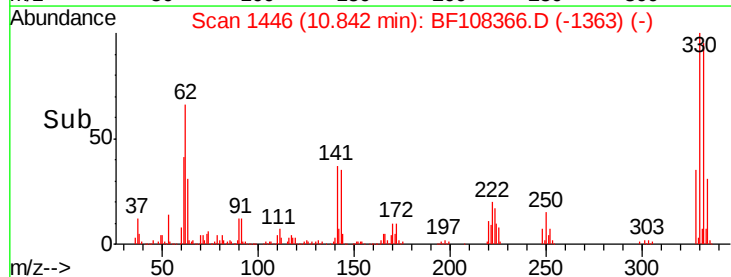
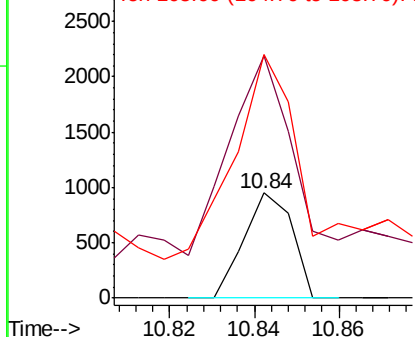


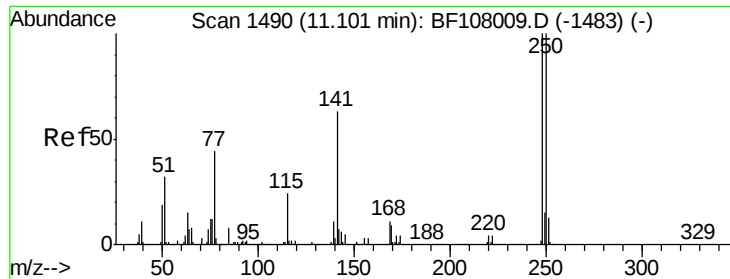
#64
4,6-Dinitro-2-methylphenol
Concen: 5.763 ng
RT: 10.84 min Scan# 1446
Delta R.T. 0.19 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:198 Resp: 757
Ion Ratio Lower Upper
198 100
51 230.9 37.7 77.7#
105 231.7 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

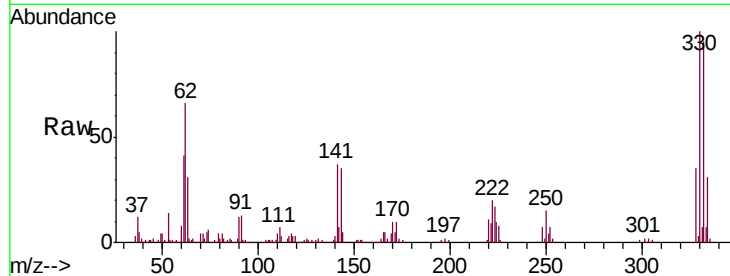




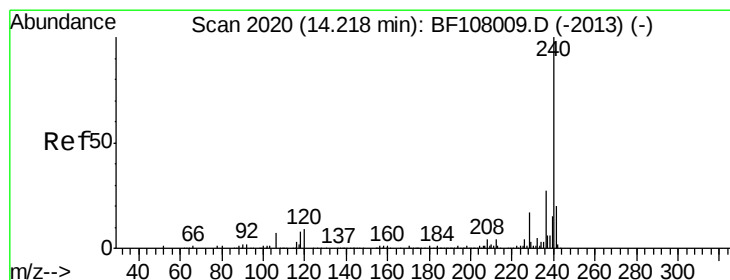
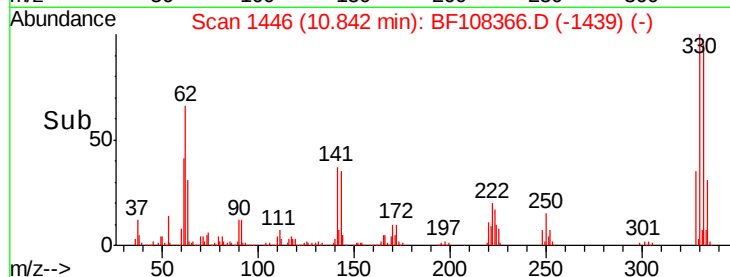
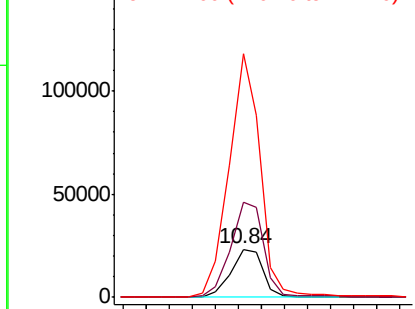
#66
4-Bromophenyl-phenylether
Concen: 4.718 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Instrument :
BNA_F
ClientSampleId :
MS-BASELINE-WATER

Tgt Ion:248 Resp: 22688
Ion Ratio Lower Upper
248 100
250 199.4 76.9 115.3#
141 508.3 74.4 111.6#

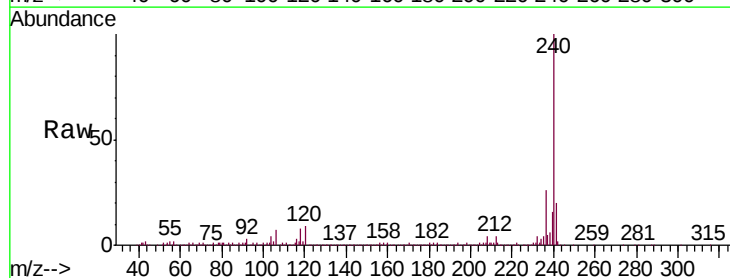


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

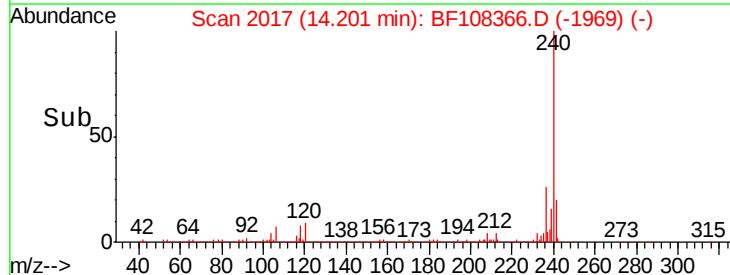
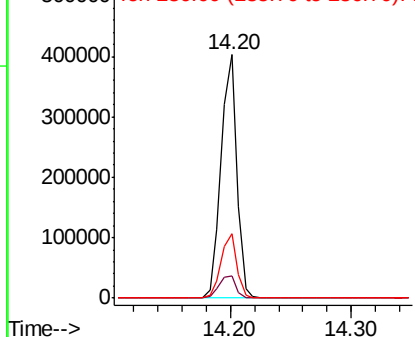


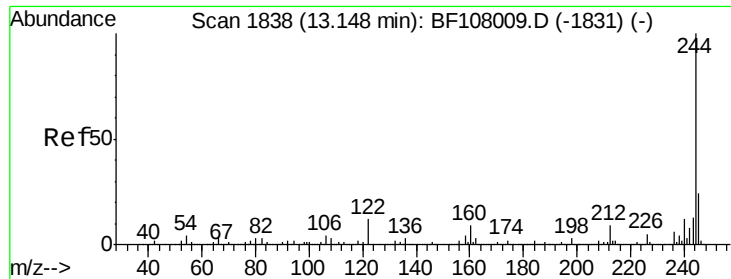
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF108366.D
Acq: 22 Aug 2018 4:26

Tgt Ion:240 Resp: 363536
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 26.4 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: 99.076 ng

RT: 13.14 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

Instrument :

BNA_F

ClientSampleId :

MS-BASELINE-WATER

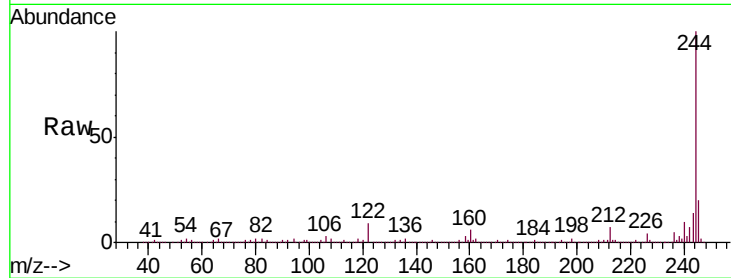
Tgt Ion:244 Resp: 1416586

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

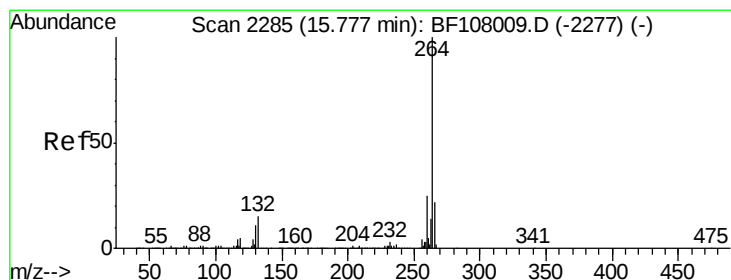
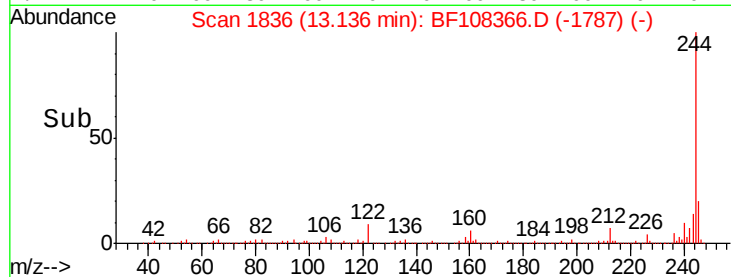
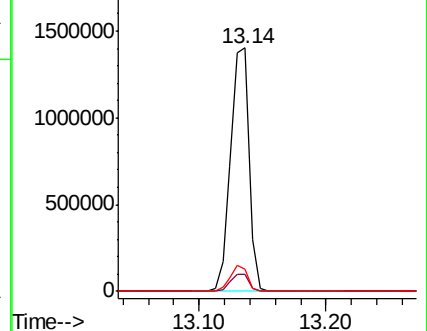
122 8.9 11.0 16.4#



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: 15.75 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF108366.D

Acq: 22 Aug 2018 4:26

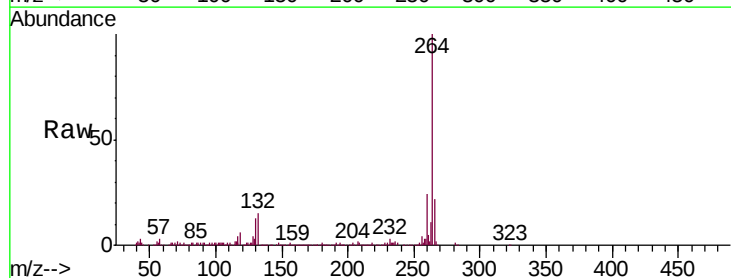
Tgt Ion:264 Resp: 301987

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 22.2 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

