

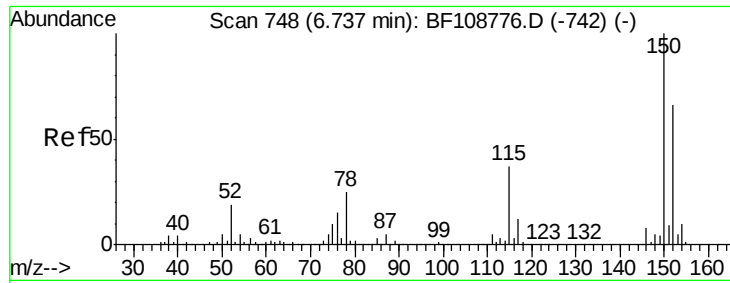
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091018\
 Data File : BF108899.D
 Acq On : 10 Sep 2018 18:03
 Operator : JU/SJ
 Sample : J4836-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Sep 10 18:52:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 05 18:03:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	199760	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	720281	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	300971	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	493900	20.00	ng	0.00
75) Chrysene-d12	13.88	240	486543	20.00	ng	0.01
86) Perylene-d12	15.29	264	339994	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1106240	91.74	ng	0.02
7) Phenol-d6	6.38	99	1385503	89.30	ng	0.01
23) Nitrobenzene-d5	7.30	82	840937	73.06	ng	0.00
41) 2,4,6-Tribromophenol	10.56	330	262756	91.45	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1385029	78.51	ng	0.00
78) Terphenyl-d14	12.83	244	1191018	57.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	112587	10.440	ng	# 77
25) Isophorone	7.30	82	834460	36.347	ng	# 64
49) Dimethylphthalate	9.49	163	349520	16.604	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	38409	7.487	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	553	7.112	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	16137	2.893	ng	# 1

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

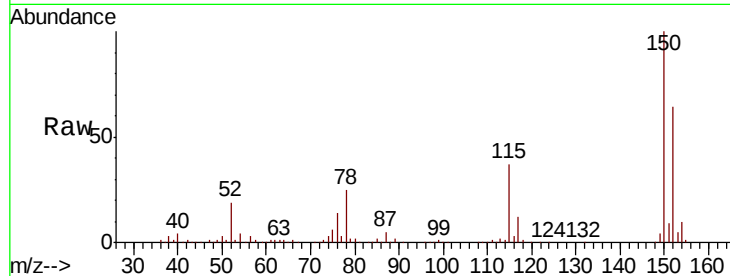


#1

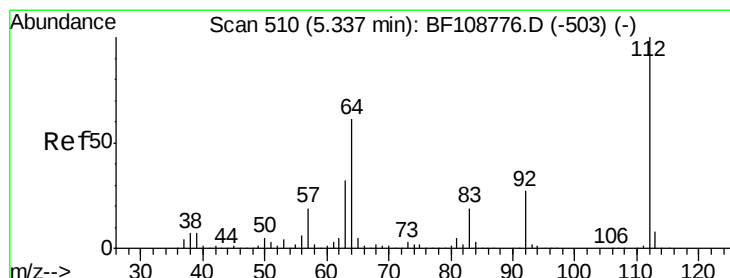
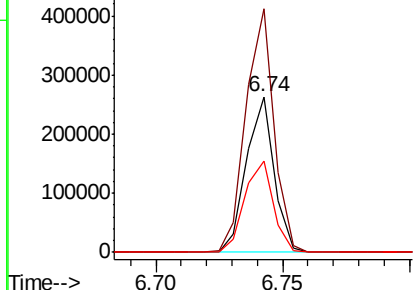
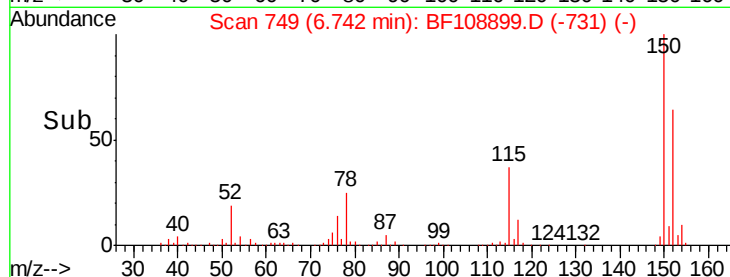
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF108899.D
 Acq: 10 Sep 2018 18:03

Instrument :
 BNA_E
 ClientSampled :

Tot Ion:152 Resp: 199760
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 58.4 50.1 75.1



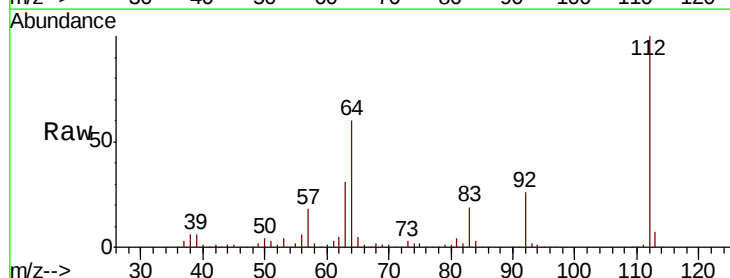
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



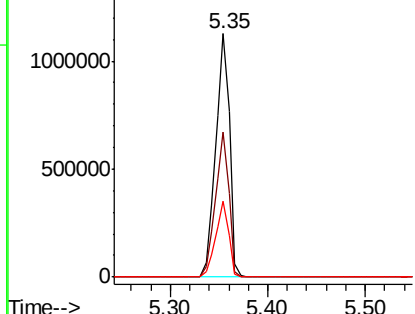
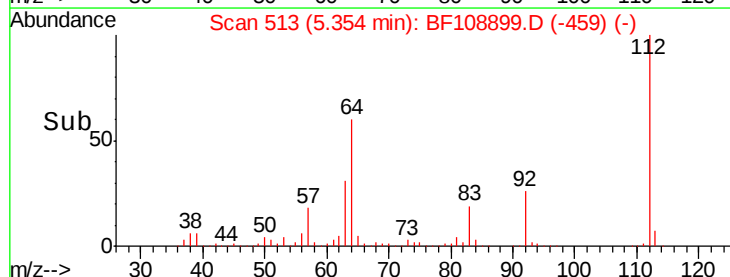
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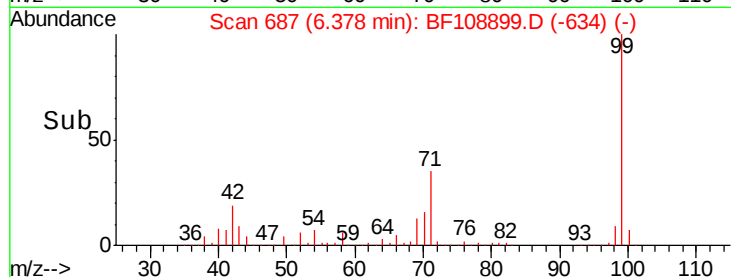
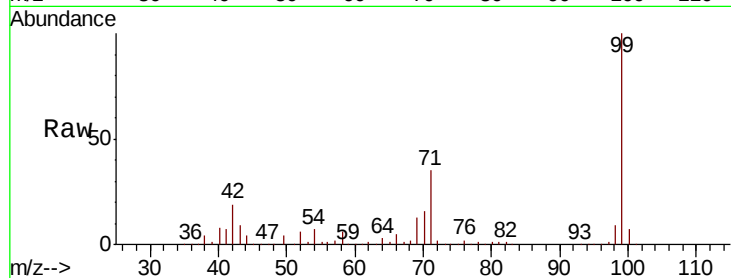
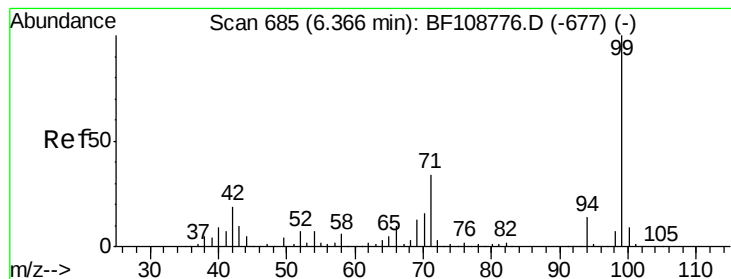
2-Fluorophenol
 Concen: 91.744 ng
 RT: 5.35 min Scan# 513
 Delta R.T. 0.02 min
 Lab File: BF108899.D
 Acq: 10 Sep 2018 18:03

Tgt Ion:112 Resp: 1106240
 Ion Ratio Lower Upper
 112 100
 64 59.8 47.9 71.9
 63 31.1 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: 89.304 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108899.D

Acq: 10 Sep 2018 18:03

Instrument :

BNA_E

ClientSampleId :

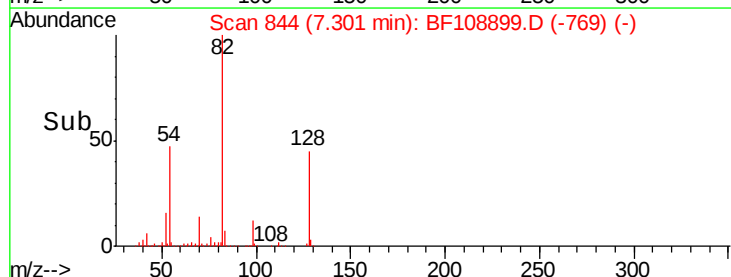
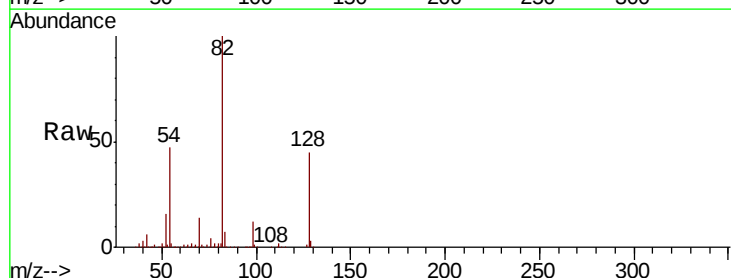
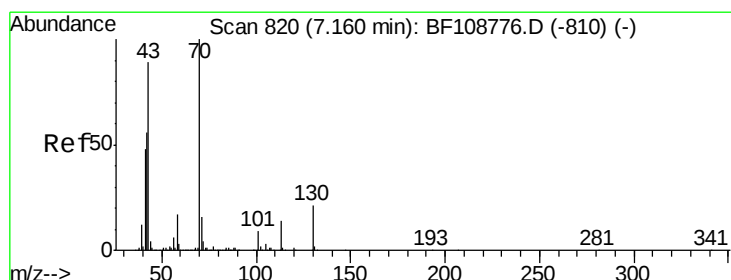
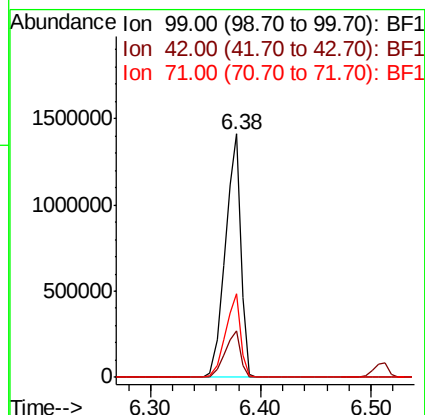
Tot Ion: 99 Resp: 1385503

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 34.5 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.440 ng

RT: 7.30 min Scan# 844

Delta R.T. 0.14 min

Lab File: BF108899.D

Acq: 10 Sep 2018 18:03

Tgt Ion: 70 Resp: 112587

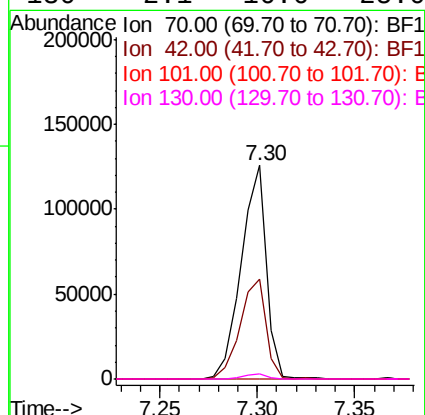
Ion Ratio Lower Upper

70 100

42 46.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

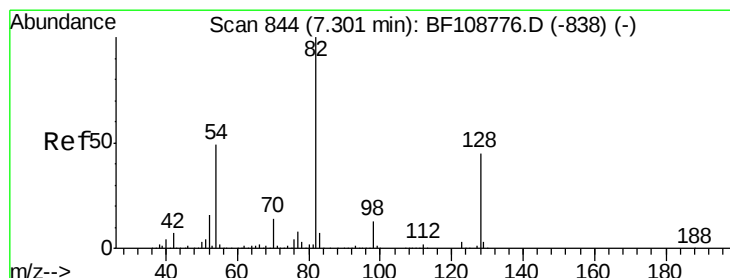
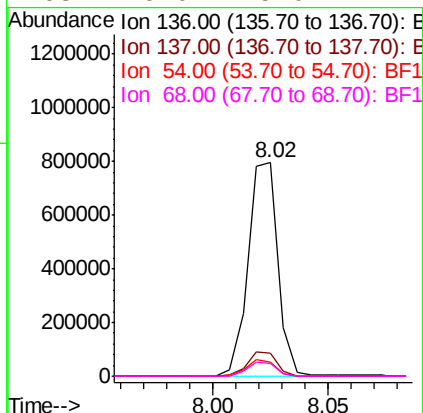
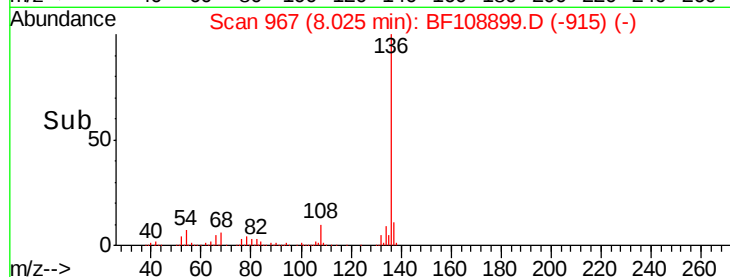
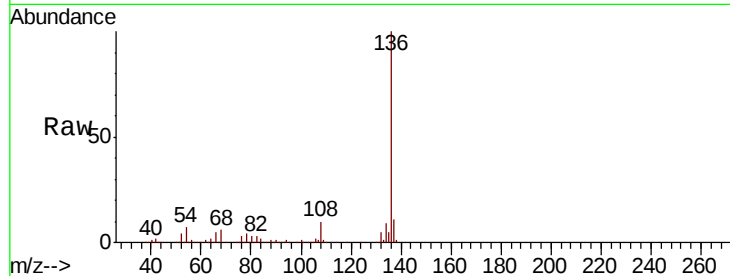




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 967
Delta R.T. 0.01 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

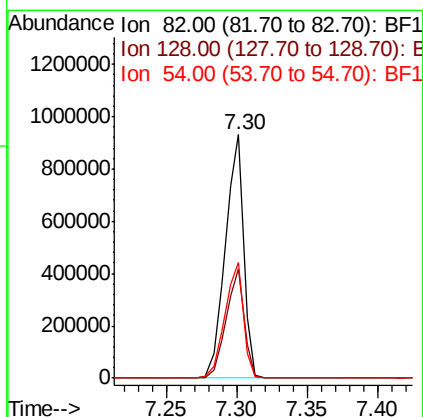
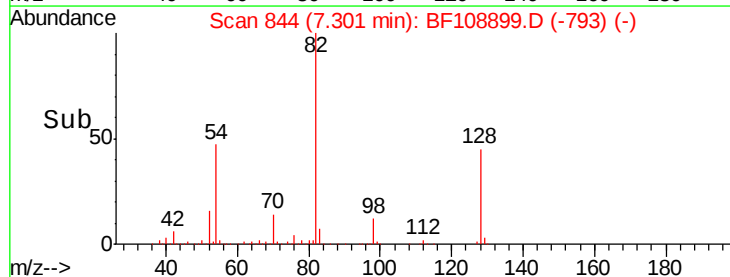
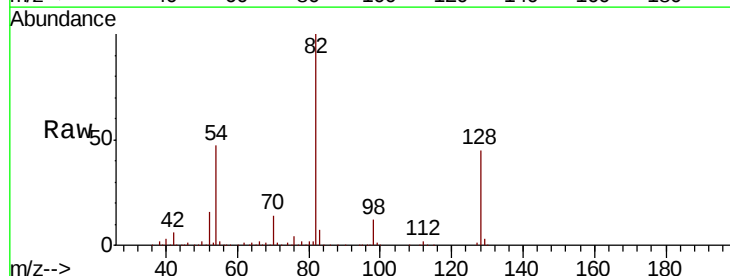
Instrument :
BNA_E
ClientSampleId :

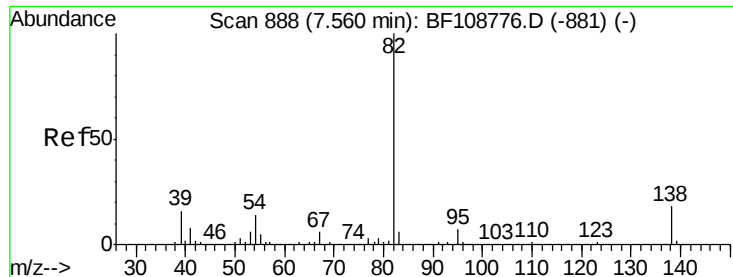
Tot Ion:136	Resp:	720281
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.6	6.6 9.8
68	6.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 73.064 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.00 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Tgt Ion: 82	Resp:	840937
Ion Ratio	Lower	Upper
82	100	
128	45.0	36.1 54.1
54	47.5	41.4 62.2

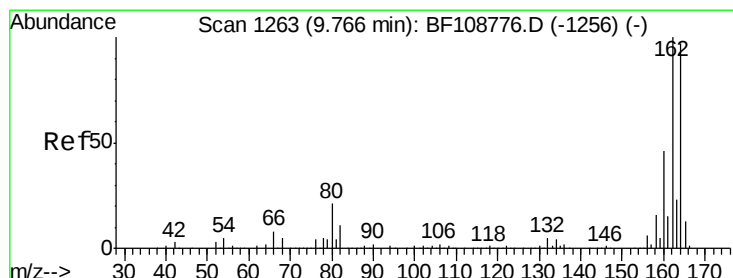
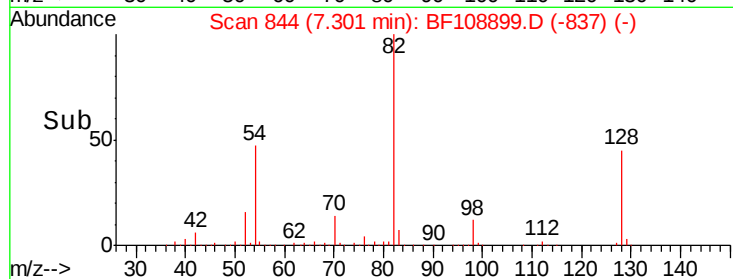
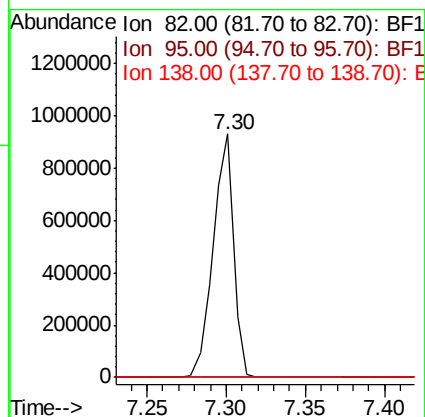
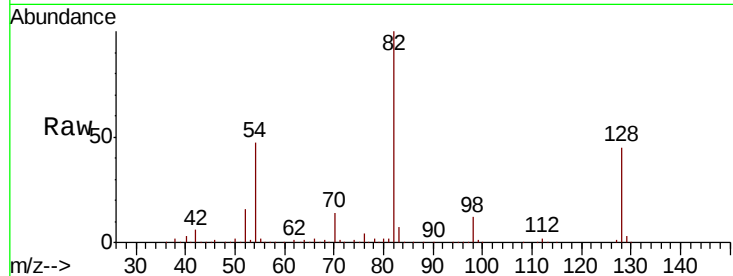




#25
Isophorone
Concen: 36.347 ng
RT: 7.30 min Scan# 844
Delta R.T. -0.26 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

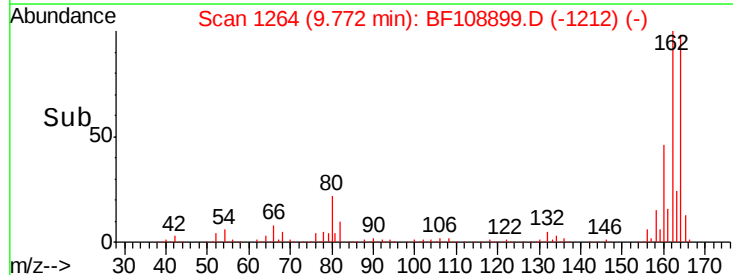
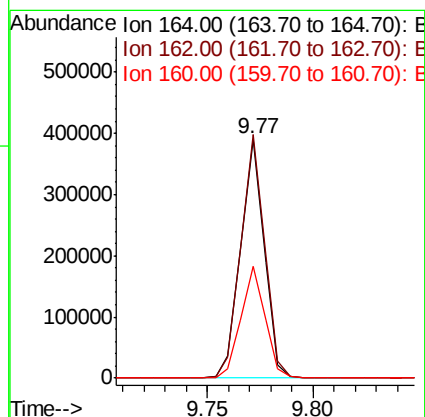
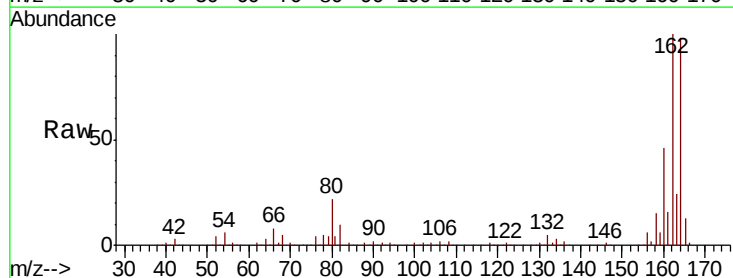
Instrument :
BNA_E
ClientSampleId :

Tot Ion: 82 Resp: 834460
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: 9.77 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Tgt Ion:164 Resp: 300971
Ion Ratio Lower Upper
164 100
162 101.9 86.1 129.1
160 46.6 38.3 57.5

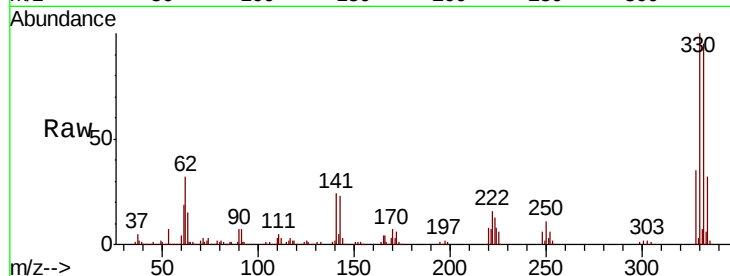




#41
 2,4,6-Tribromophenol
 Concen: 91.450 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: BF108899.D
 Acq: 10 Sep 2018 18:03

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	32.2	29.9	44.9

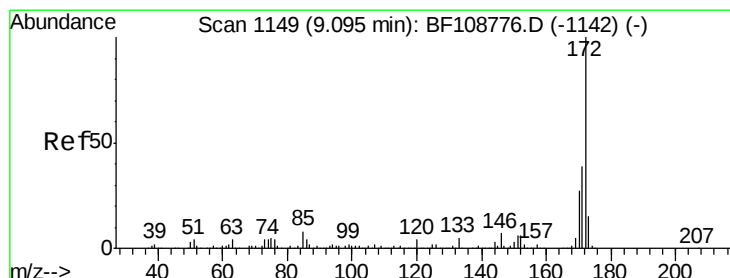
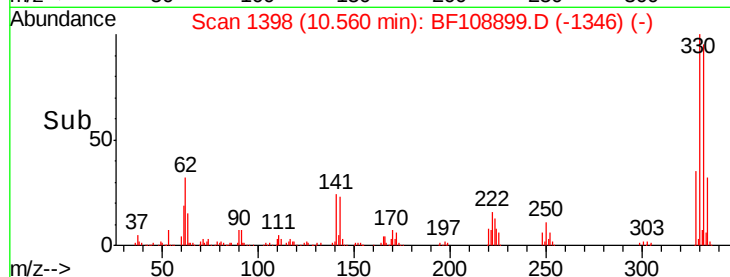
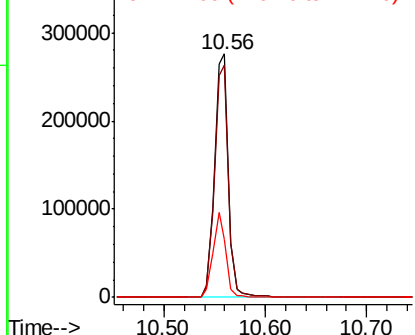


Abundance

Ion 329.80 (329.50 to 330.50): E

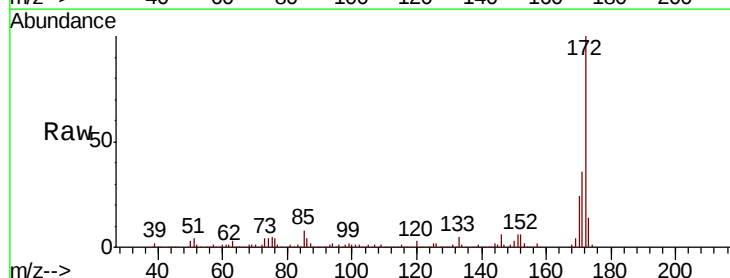
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.507 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108899.D
 Acq: 10 Sep 2018 18:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

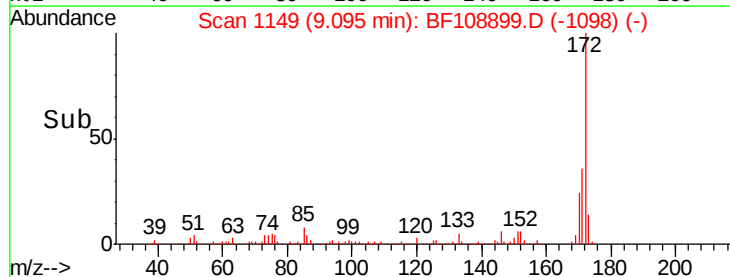
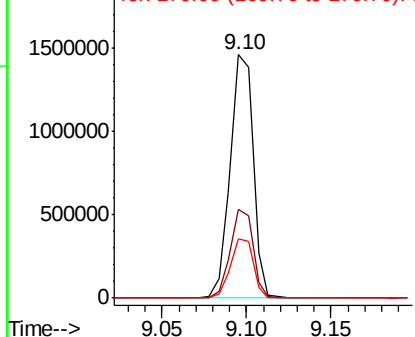


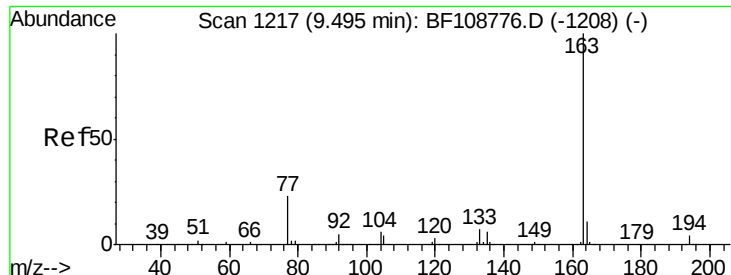
Abundance

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

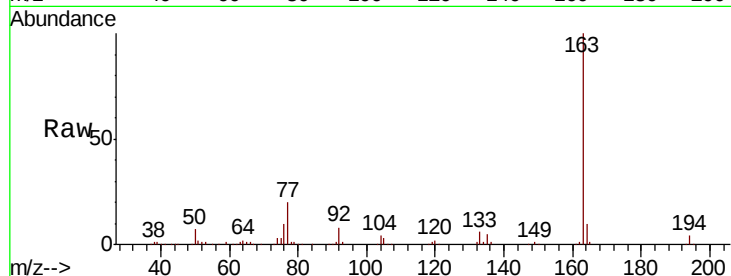




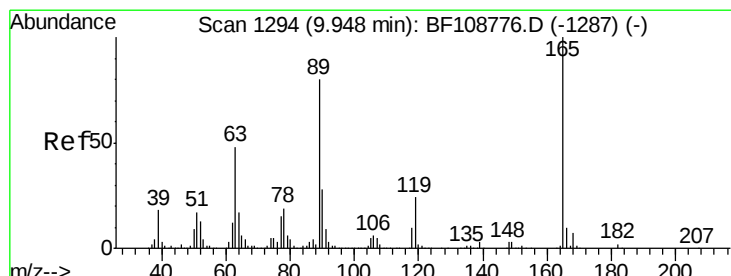
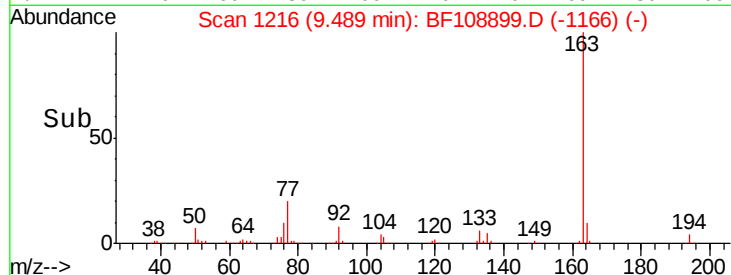
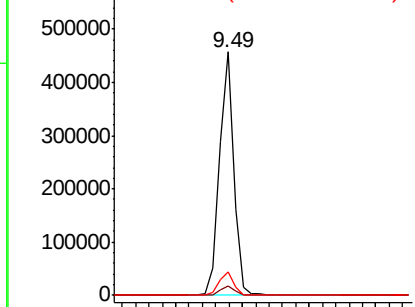
#49
Dimethylphthalate
Concen: 16.604 ng
RT: 9.49 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:163 Resp: 349520
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

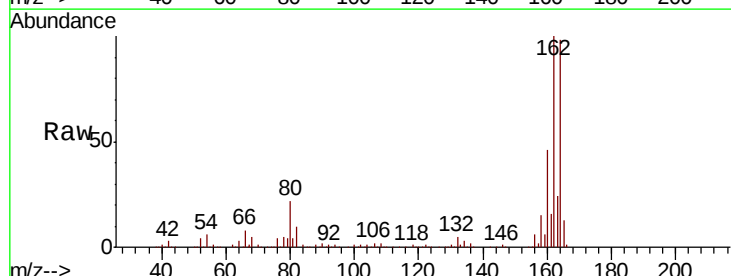


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

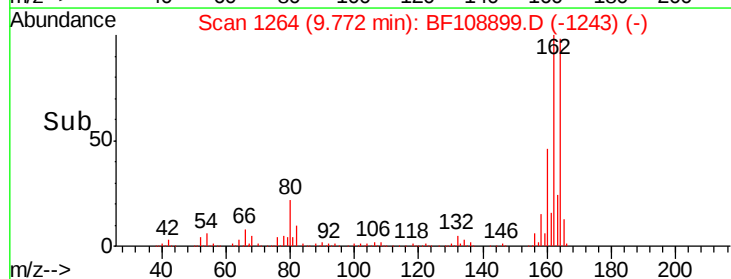
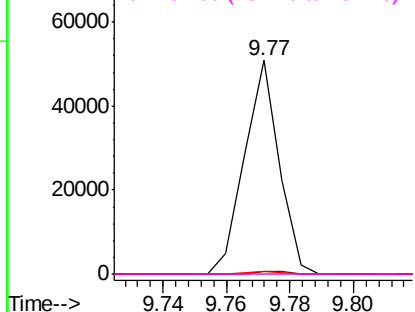


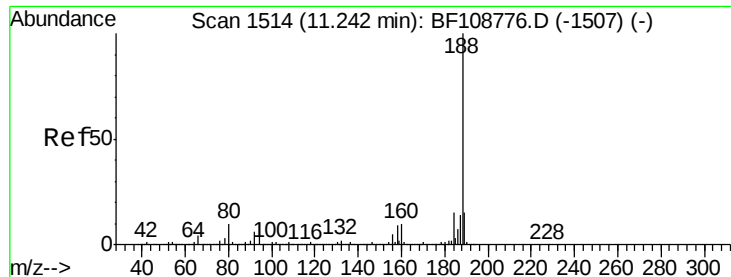
#56
2,4-Dinitrotoluene
Concen: 7.487 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.18 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Tgt Ion:165 Resp: 38409
Ion Ratio Lower Upper
165 100
63 1.0 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

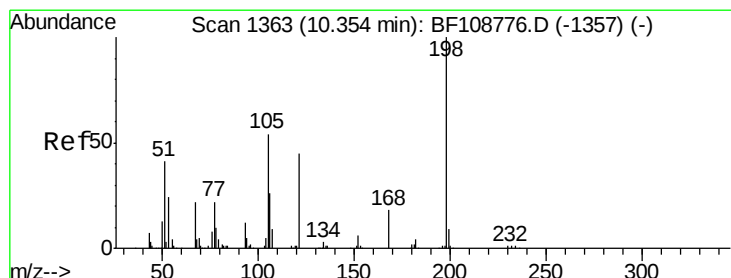
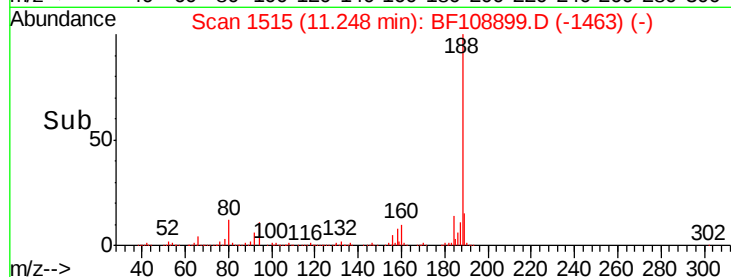
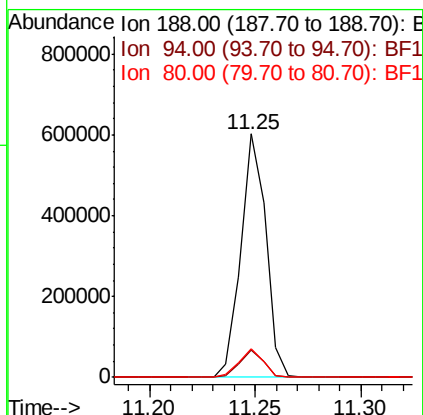
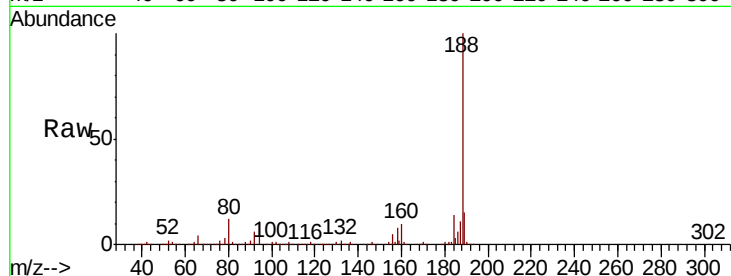




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

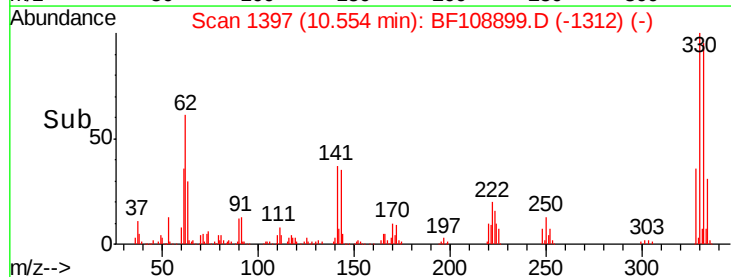
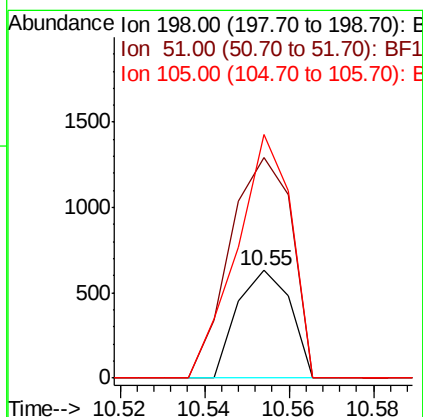
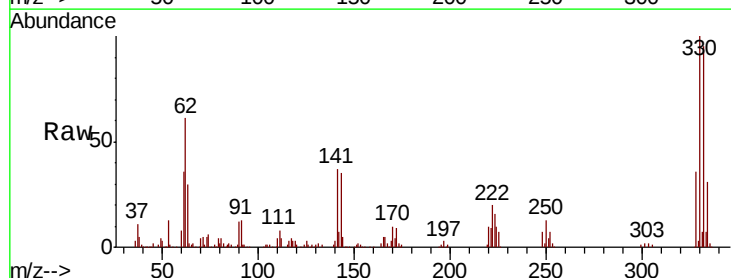
Instrument :
BNA_E
ClientSampleId :

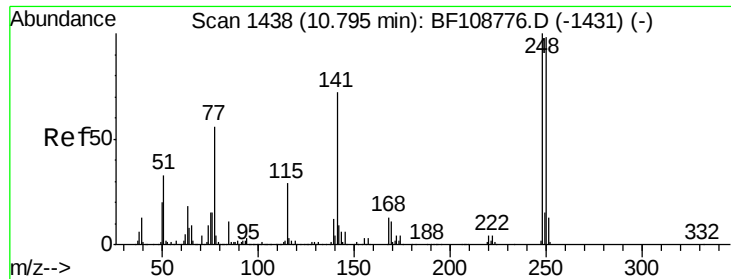
Tot Ion:188 Resp: 493900
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.112 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Tgt Ion:198 Resp: 553
Ion Ratio Lower Upper
198 100
51 204.3 37.7 77.7#
105 225.9 36.3 76.3#

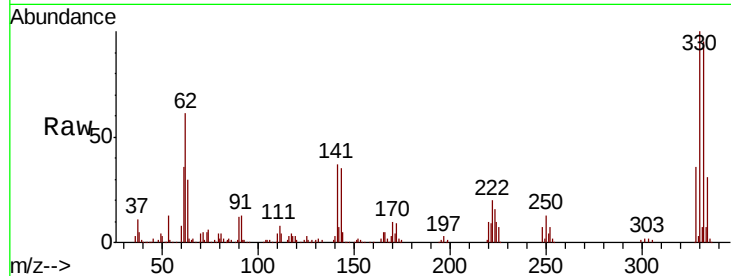




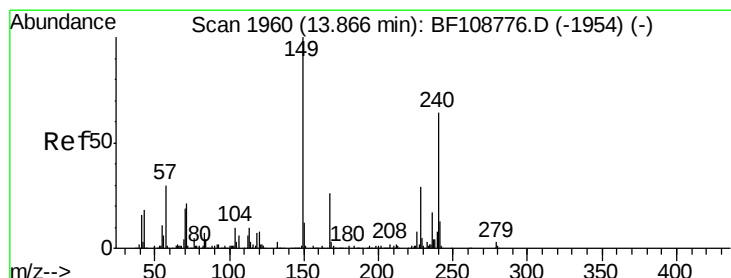
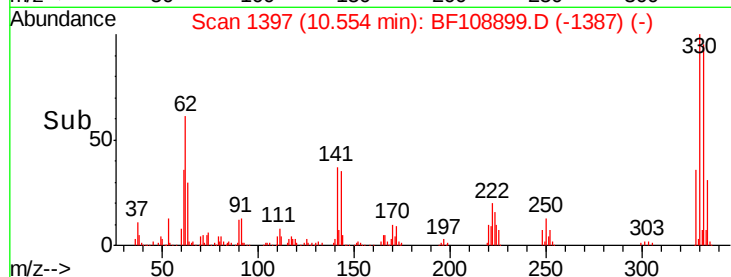
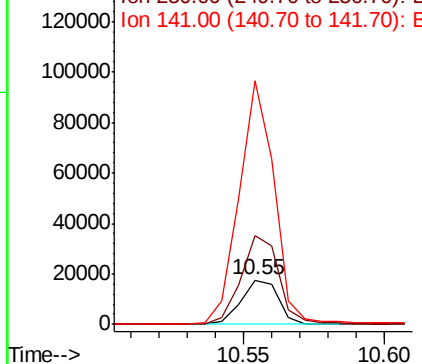
#66
4-Bromophenyl-phenylether
Concen: 2.893 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Instrument :
BNA_E
ClientSampleId :

Tot Ion:248 Resp: 16137
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 546.1 74.4 111.6#

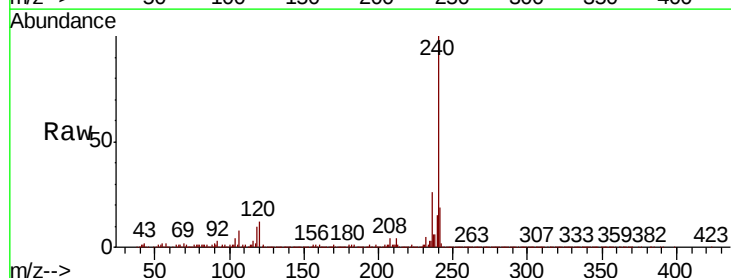


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

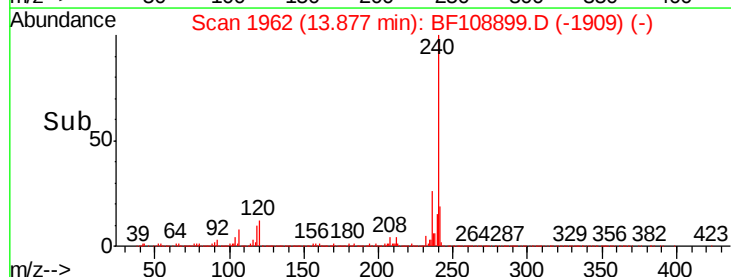
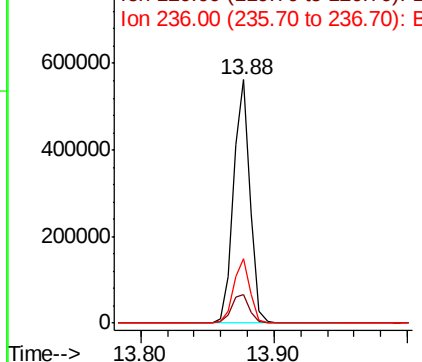


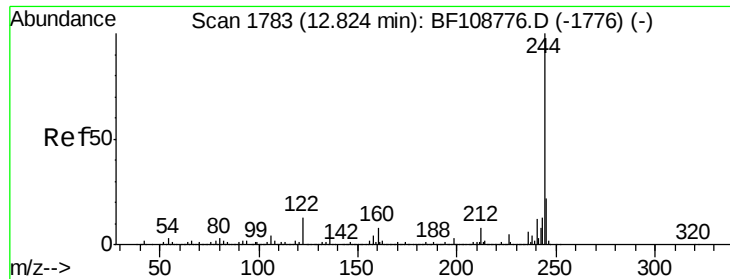
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 1962
Delta R.T. 0.01 min
Lab File: BF108899.D
Acq: 10 Sep 2018 18:03

Tgt Ion:240 Resp: 486543
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.2 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: 57.083 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108899.D

Acq: 10 Sep 2018 18:03

Instrument :

BNA_E

ClientSampleId :

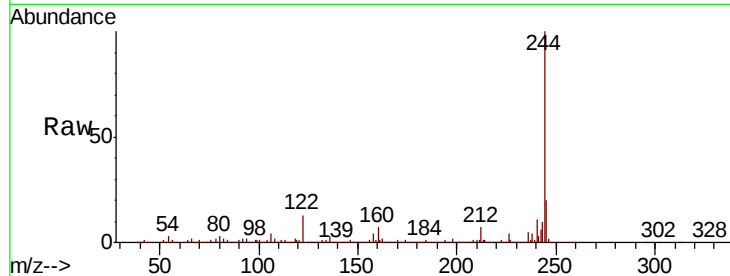
Tot Ion:244 Resp: 1191018

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

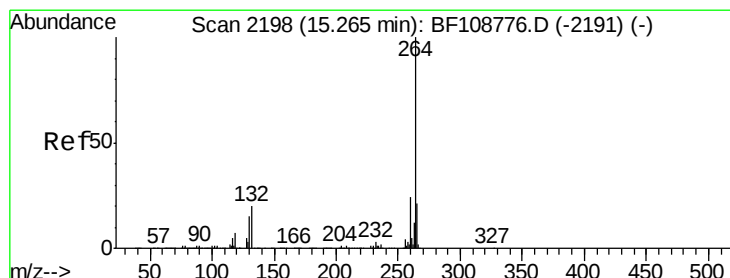
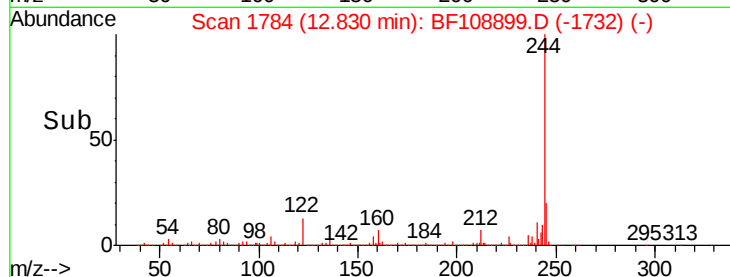
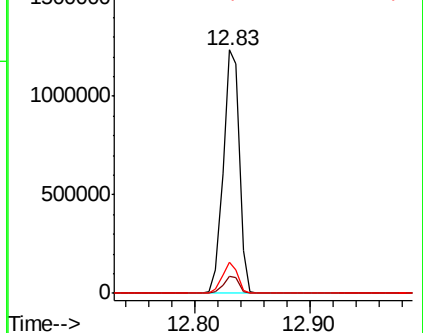
122 13.0 11.0 16.4



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: 15.29 min Scan# 2202

Delta R.T. 0.02 min

Lab File: BF108899.D

Acq: 10 Sep 2018 18:03

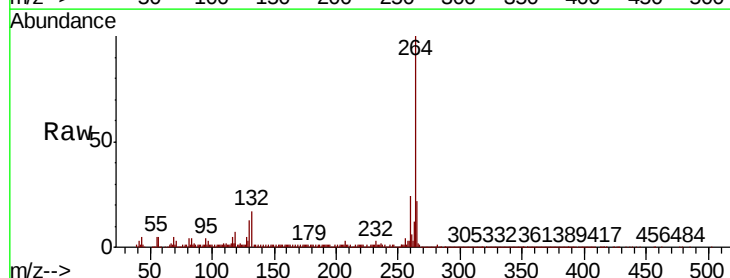
Tgt Ion:264 Resp: 339994

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.8 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

