

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108929.D
 Acq On : 11 Sep 2018 12:29
 Operator : JU/SJ
 Sample : PB112707BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 13:10:39 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

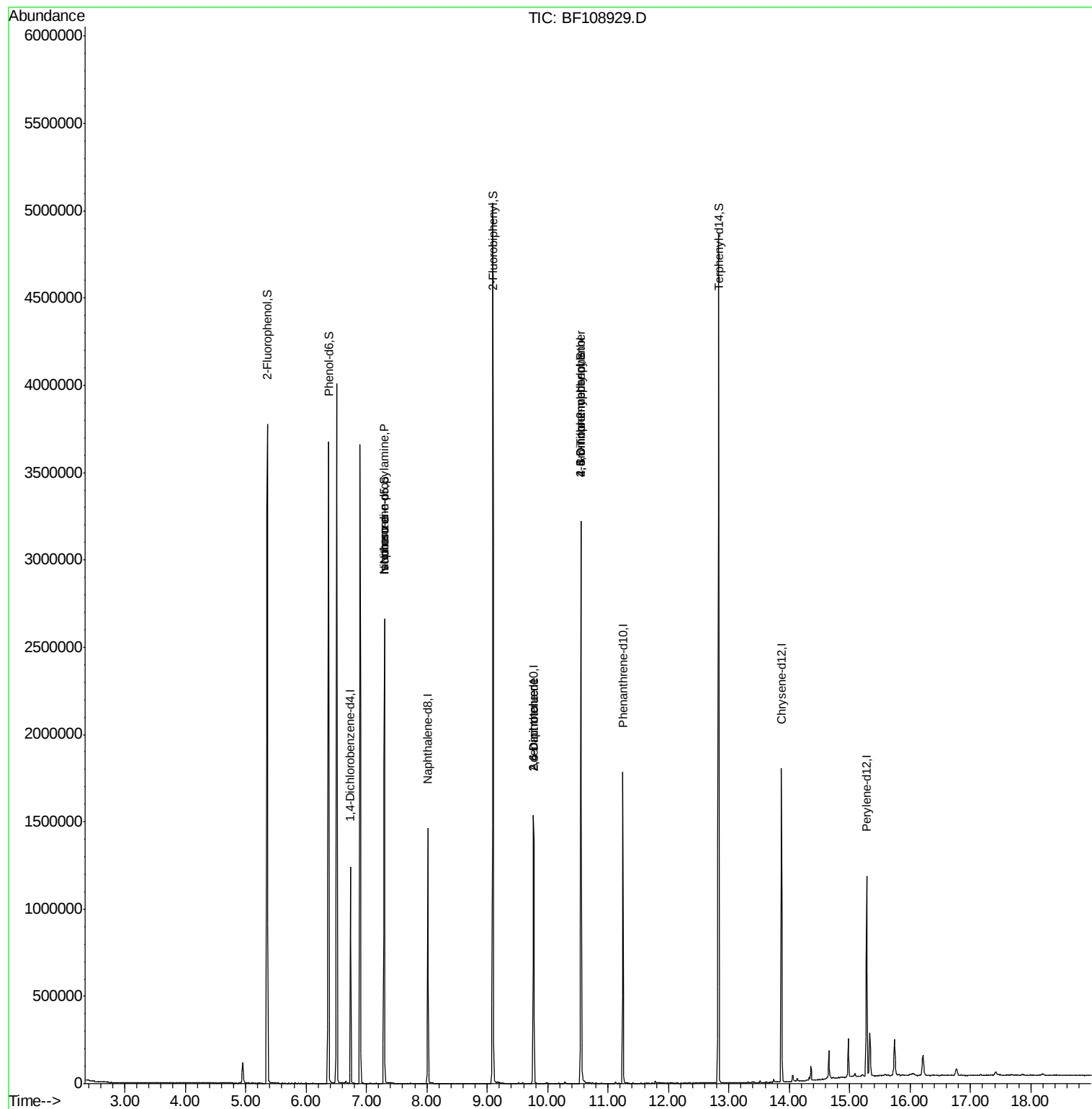
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	166061	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	633931	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	318152	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	636377	20.00	ng	0.00
75) Chrysene-d12	13.87	240	577999	20.00	ng	0.00
86) Perylene-d12	15.28	264	520349	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1127256	112.46	ng	0.02
7) Phenol-d6	6.38	99	1455526	112.86	ng	0.01
23) Nitrobenzene-d5	7.30	82	939372	92.73	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	408166	134.39	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1678346	90.00	ng	0.00
78) Terphenyl-d14	12.83	244	1841554	74.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	127430	14.214	ng	# 77
25) Isophorone	7.30	82	933128	46.182	ng	# 64
50) 2,6-Dinitrotoluene	9.77	165	39656	9.352	ng	# 25
56) 2,4-Dinitrotoluene	9.77	165	39656	7.313	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	953	7.195	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	24489	3.407	ng	# 1

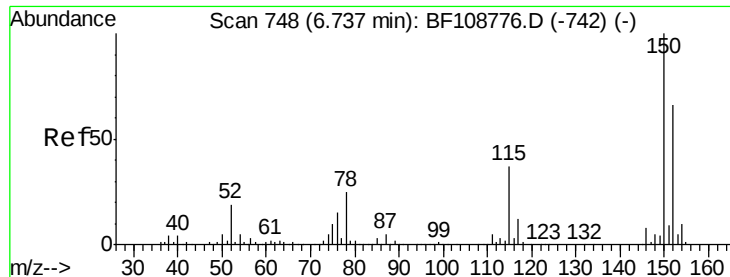
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration



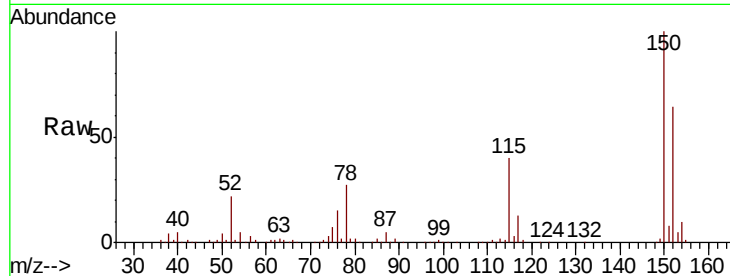


#1

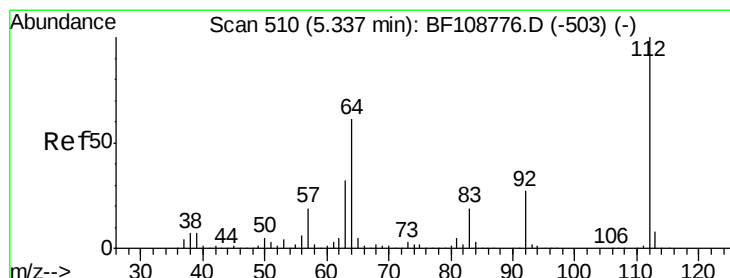
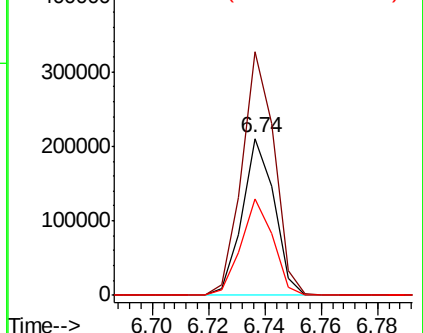
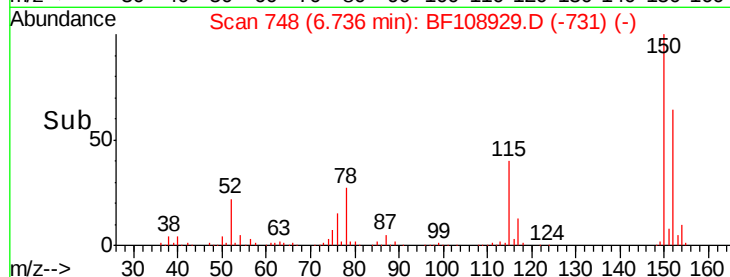
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 166061
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 61.7 50.1 75.1



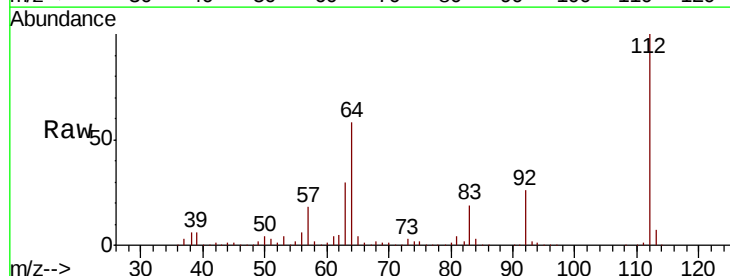
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



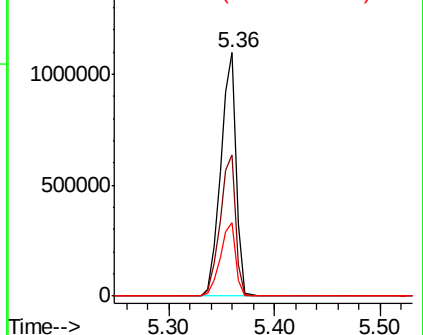
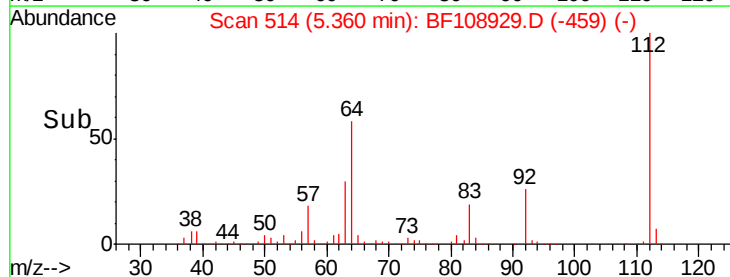
#5

2-Fluorophenol
Concen: 112.458 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion:112 Resp: 1127256
Ion Ratio Lower Upper
112 100
64 58.0 47.9 71.9
63 30.3 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: 112.856 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108929.D

Acq: 11 Sep 2018 12:29

Instrument :

BNA_F

ClientSampleId :

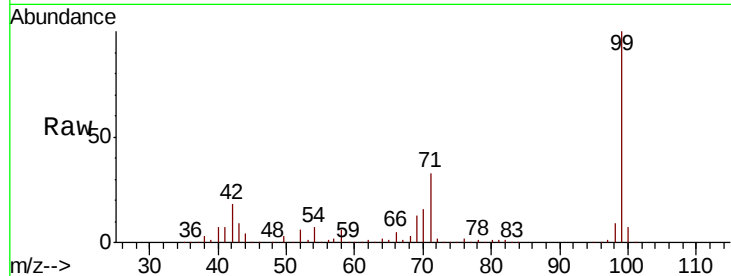
Tot Ion: 99 Resp: 145526

Ion Ratio Lower Upper

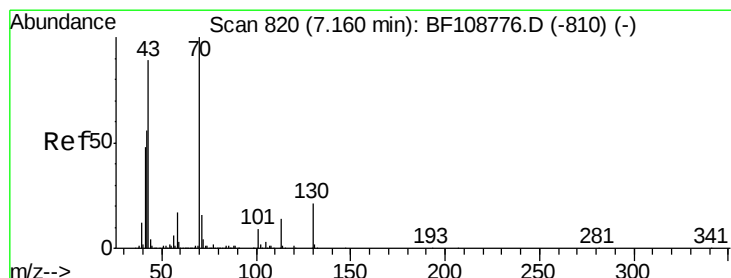
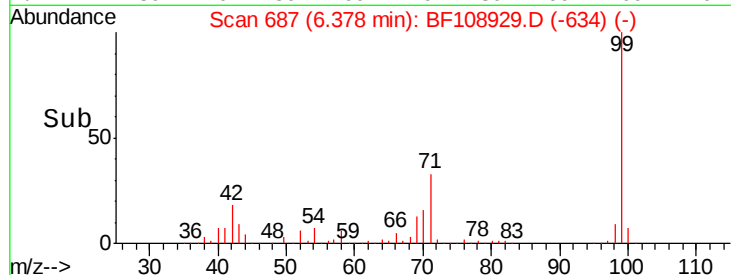
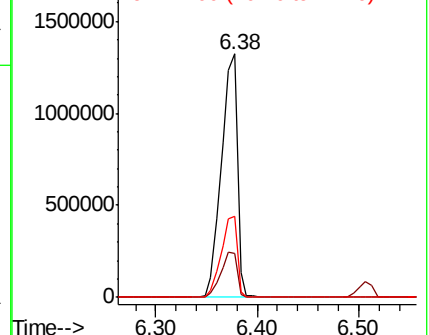
99 100

42 17.9 14.5 21.7

71 33.2 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: 14.214 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108929.D

Acq: 11 Sep 2018 12:29

Tgt Ion: 70 Resp: 127430

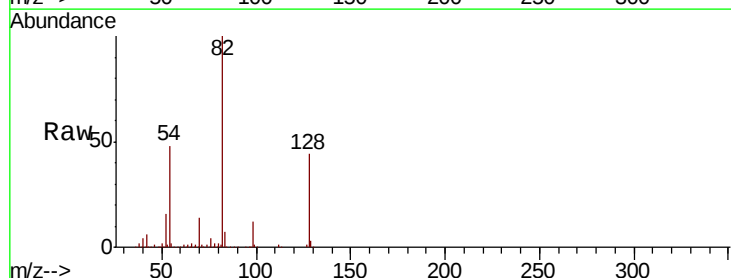
Ion Ratio Lower Upper

70 100

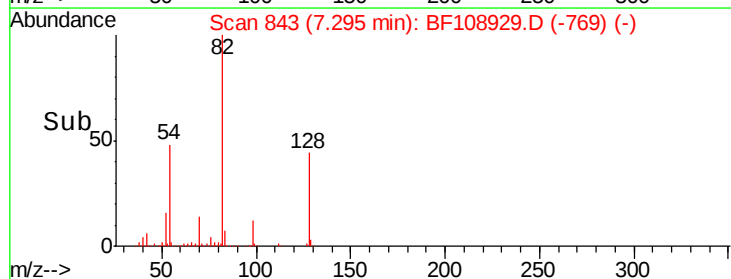
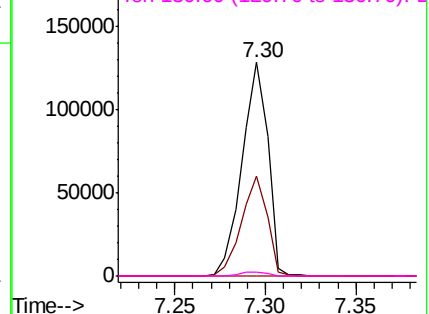
42 46.6 47.5 71.3#

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

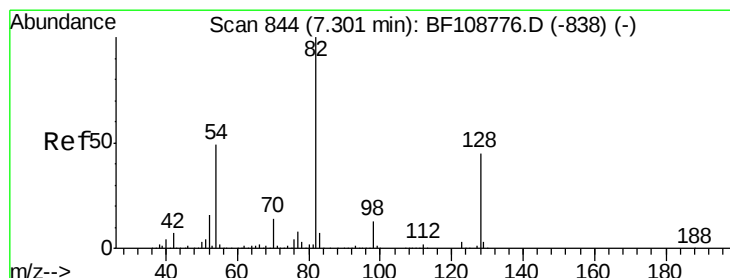
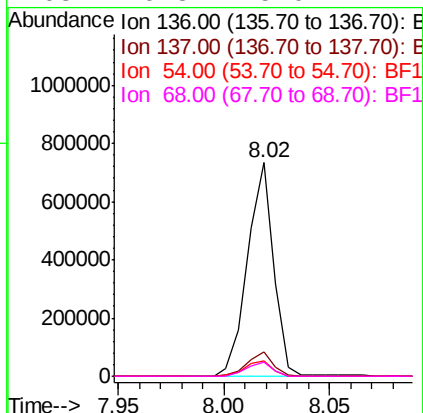
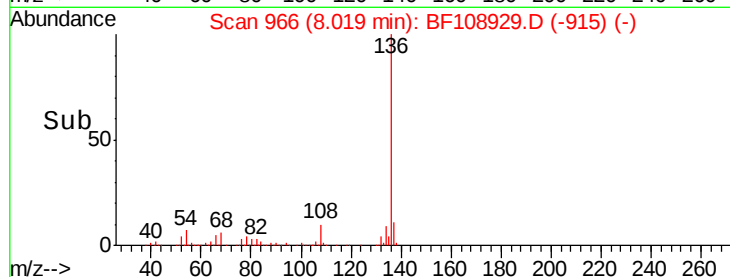
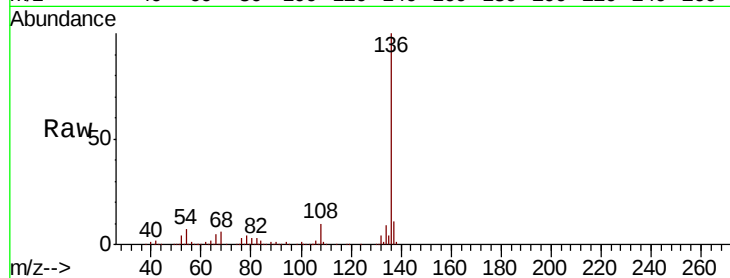




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

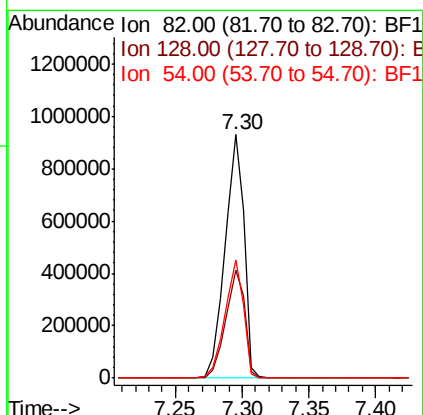
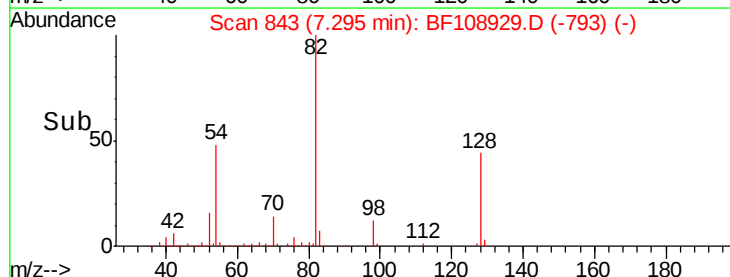
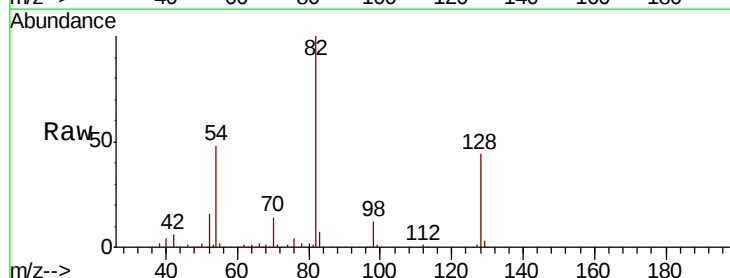
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	633931
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	7.2	6.6 9.8
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 92.734 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion: 82	Resp:	939372
Ion	Ratio	Lower Upper
82	100	
128	44.1	36.1 54.1
54	48.3	41.4 62.2

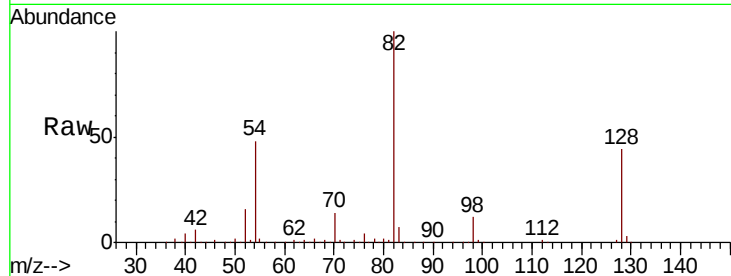




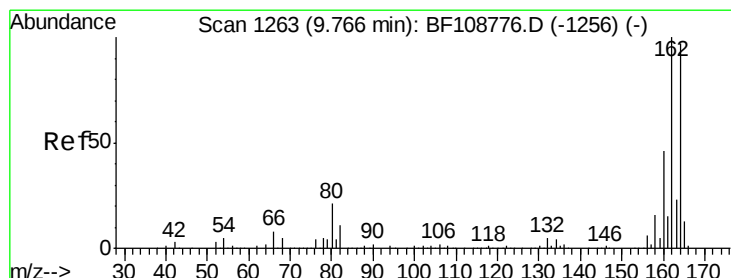
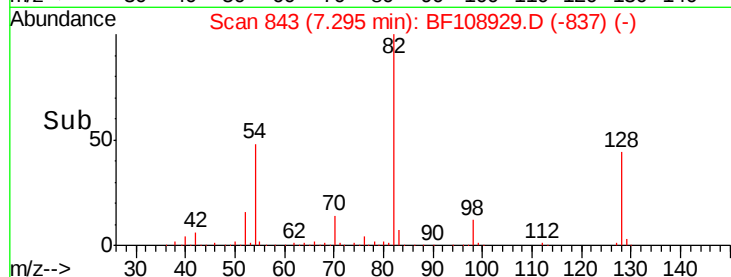
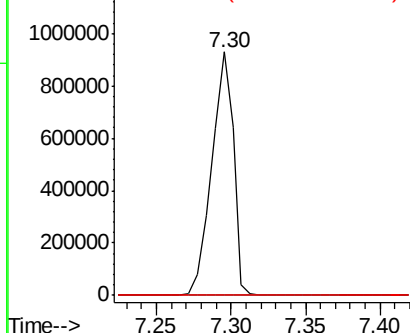
#25
Isophorone
Concen: 46.182 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 933128
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

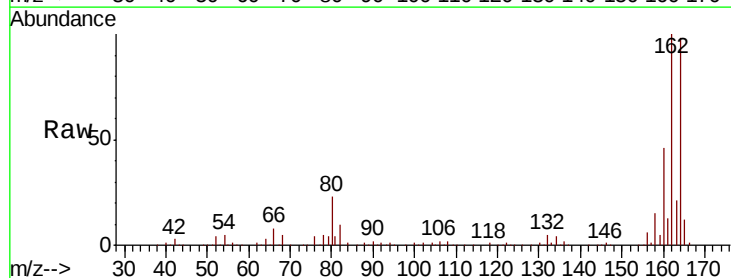


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

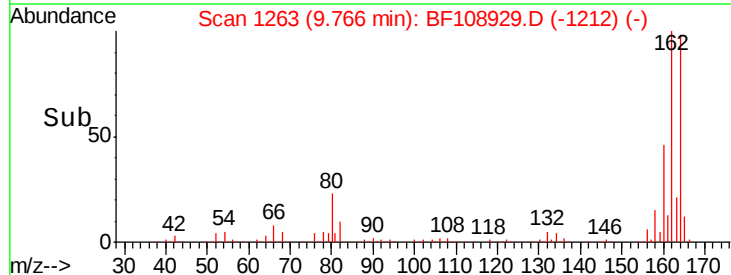
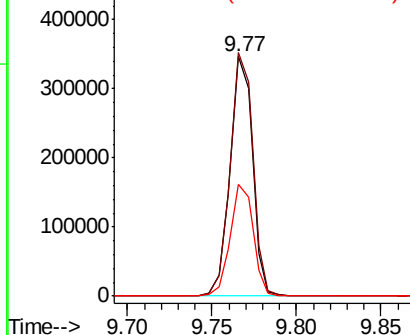


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion:164 Resp: 318152
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 46.5 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

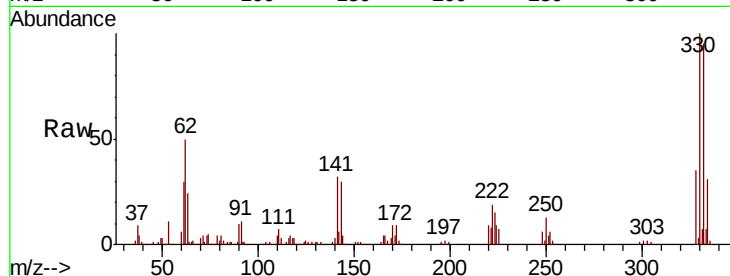




#41
 2,4,6-Tribromophenol
 Concen: 134.387 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	31.3	29.9	44.9

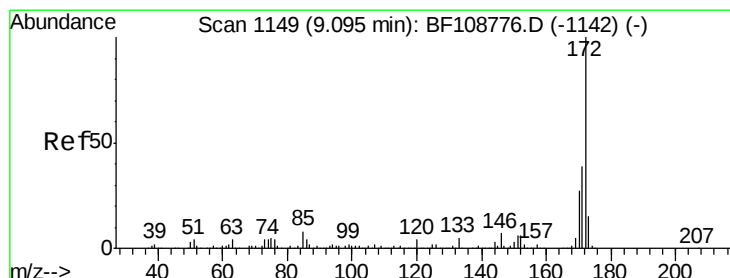
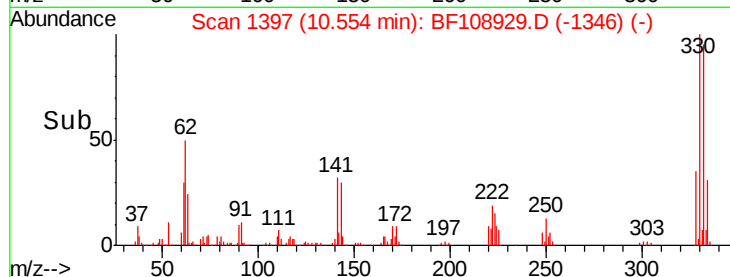
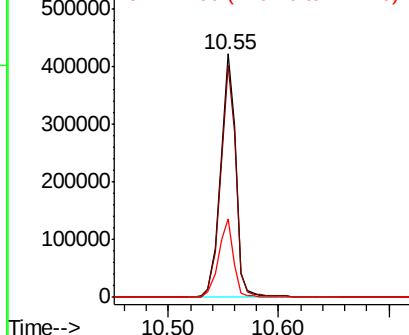


Abundance

Ion 329.80 (329.50 to 330.50): E

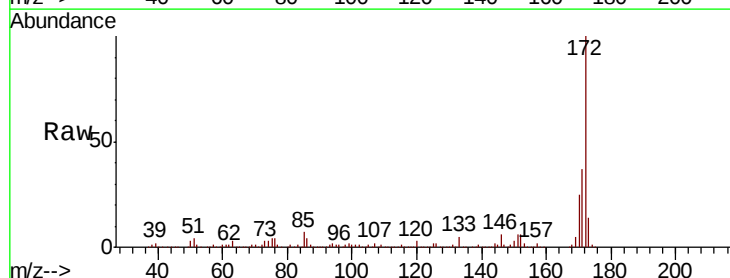
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.996 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	25.0	19.6	29.4

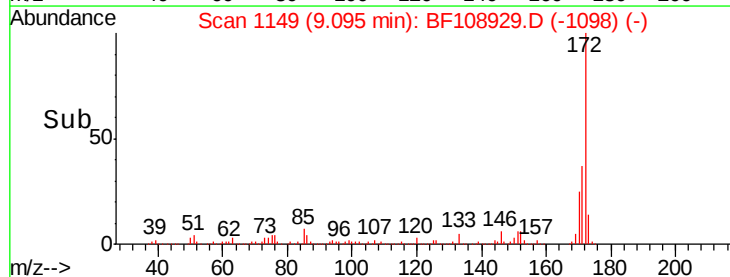
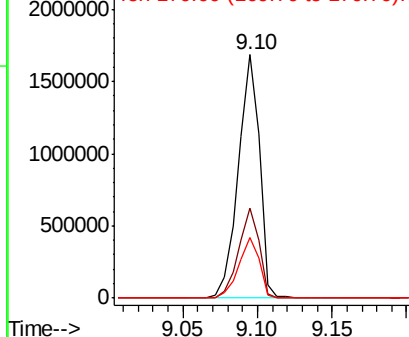


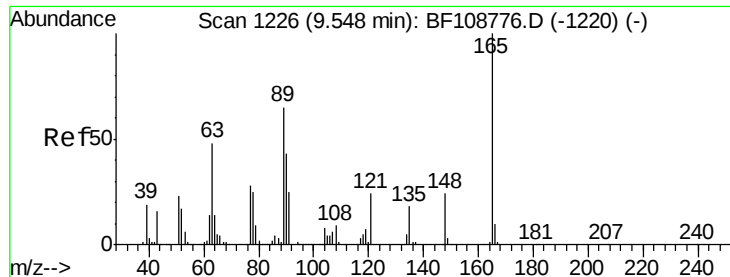
Abundance

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

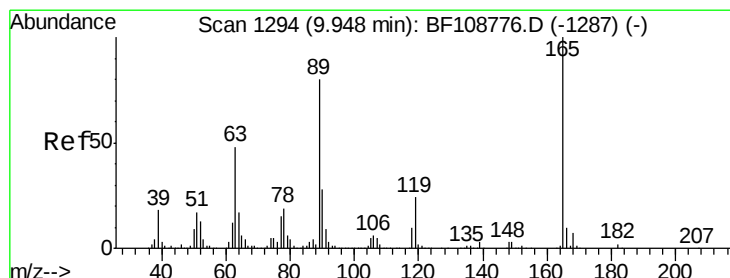
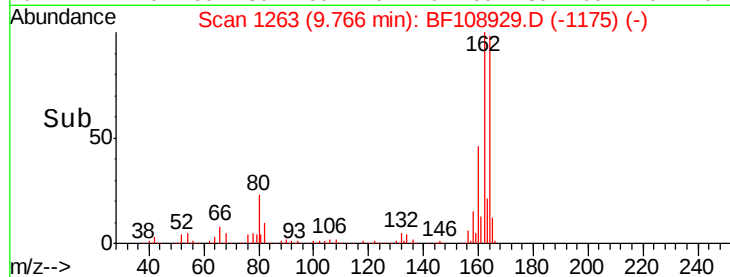
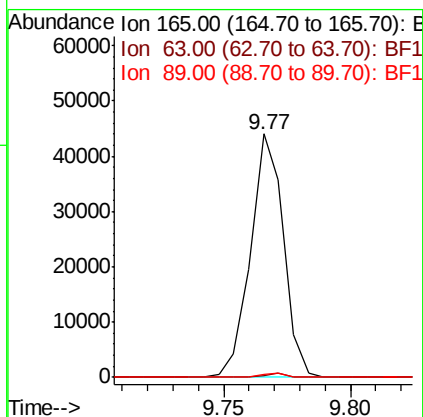
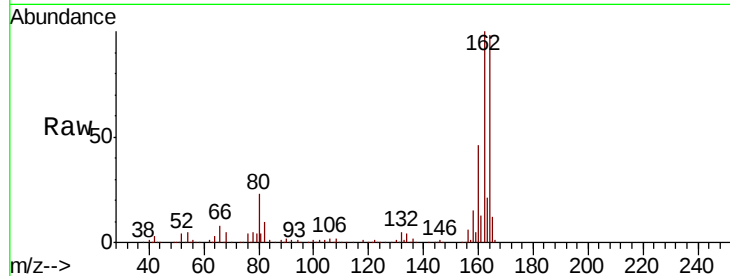




#50
 2,6-Dinitrotoluene
 Concen: 9.352 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

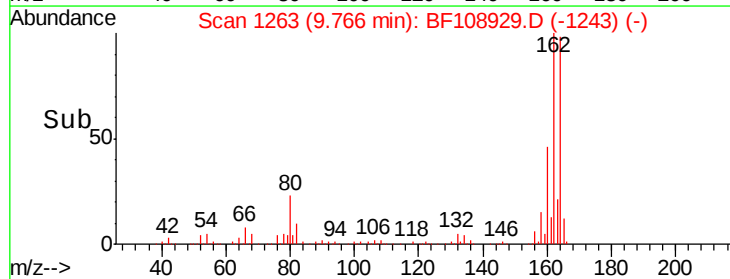
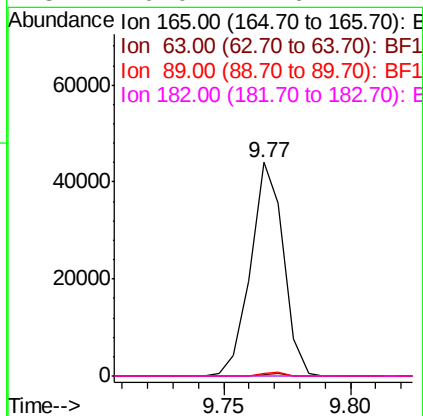
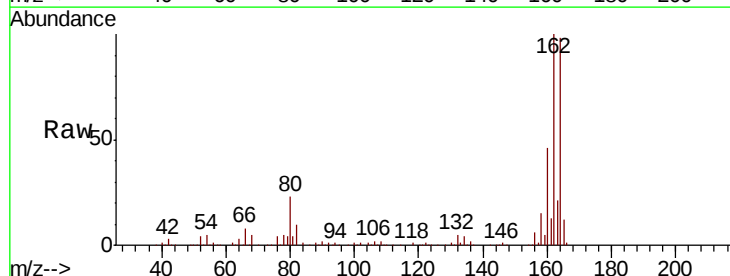
Instrument :
 BNA_F
 ClientSampleId :

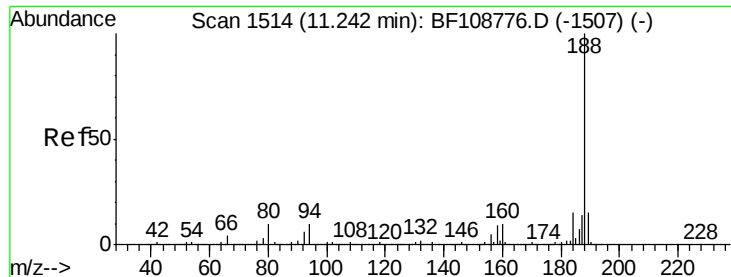
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	44.7	67.1#
89	1.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.313 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

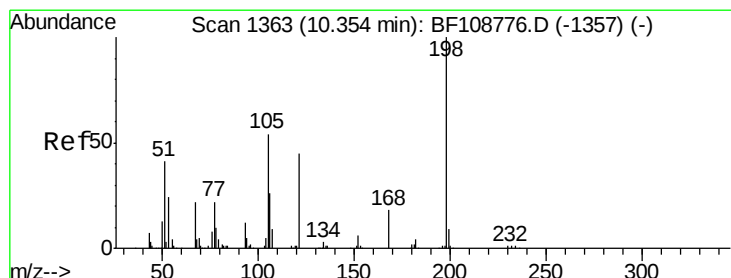
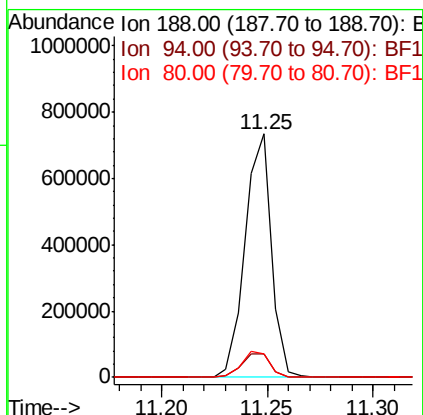
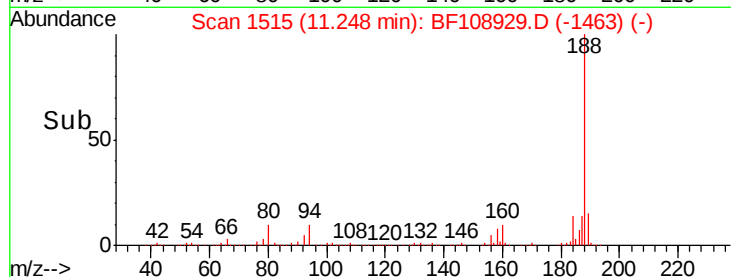
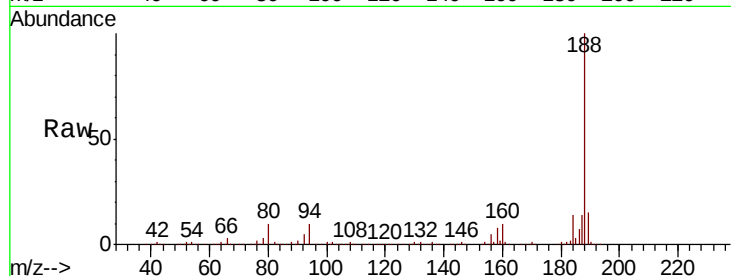




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

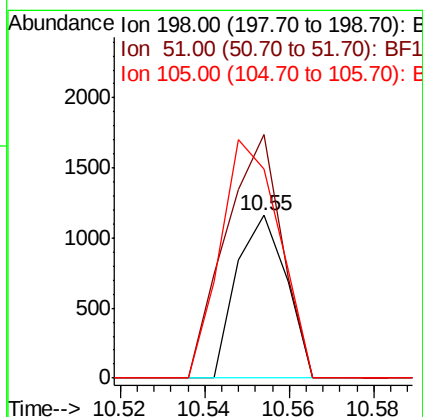
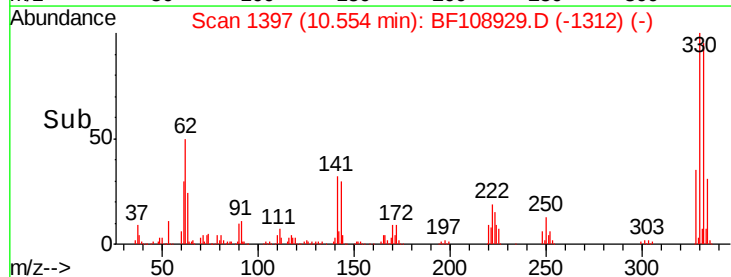
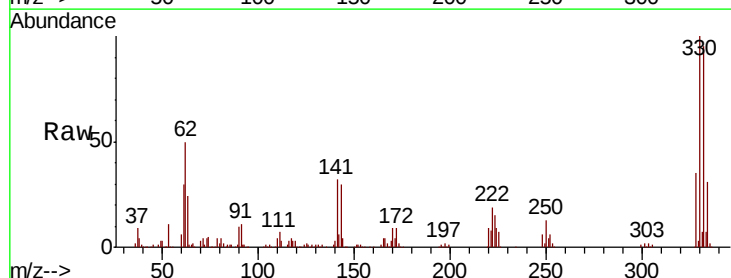
Instrument :
BNA_F
ClientSampled :

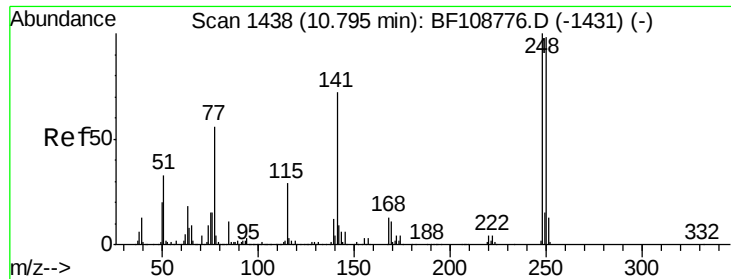
Tot Ion:188 Resp: 636377
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.195 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion:198 Resp: 953
Ion Ratio Lower Upper
198 100
51 149.6 37.7 77.7#
105 128.1 36.3 76.3#

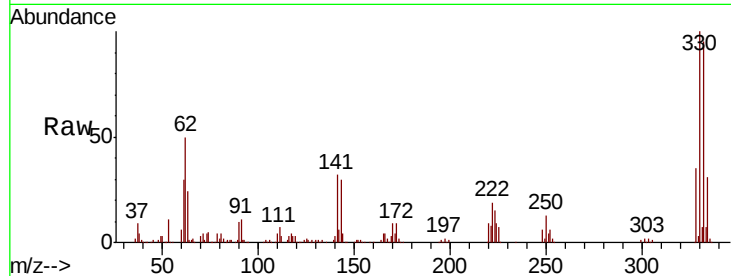




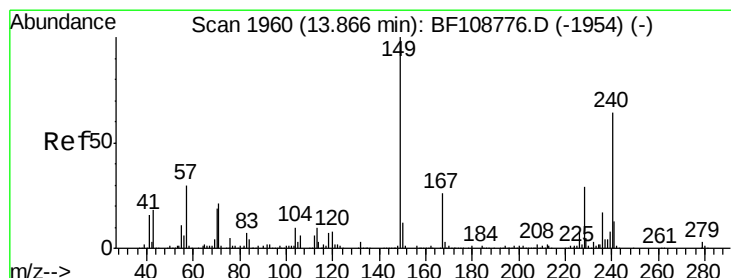
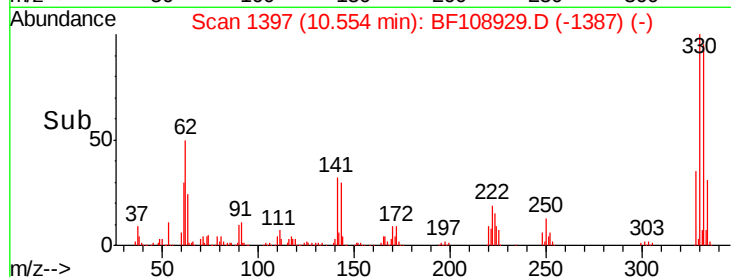
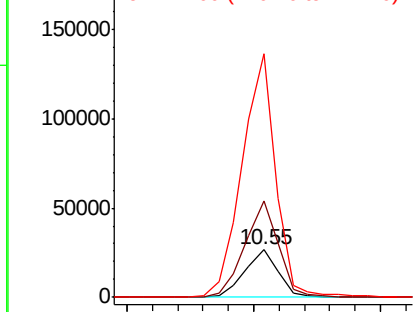
#66
4-Bromophenyl-phenylether
Concen: 3.407 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 24489
Ion Ratio Lower Upper
248 100
250 202.8 76.9 115.3#
141 510.8 74.4 111.6#

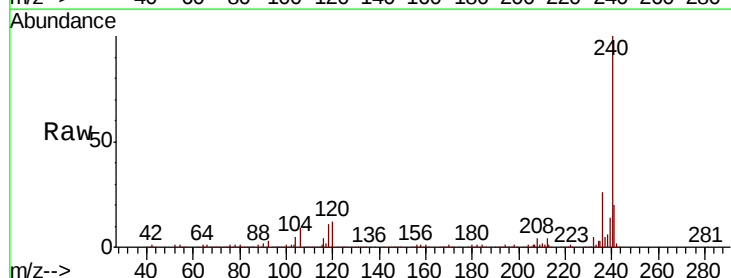


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

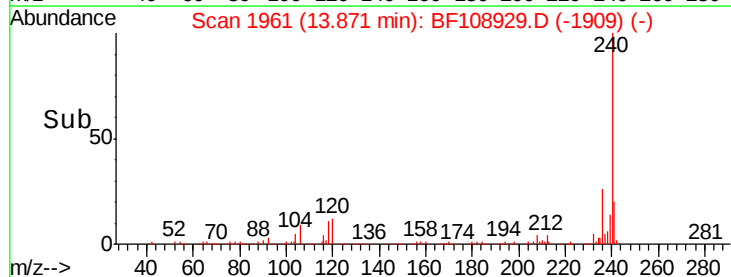
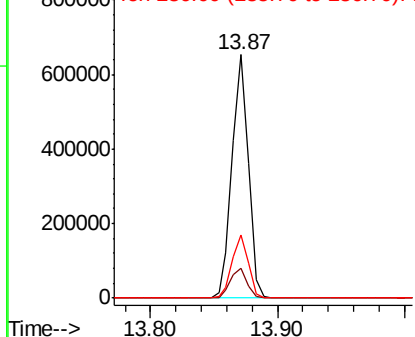


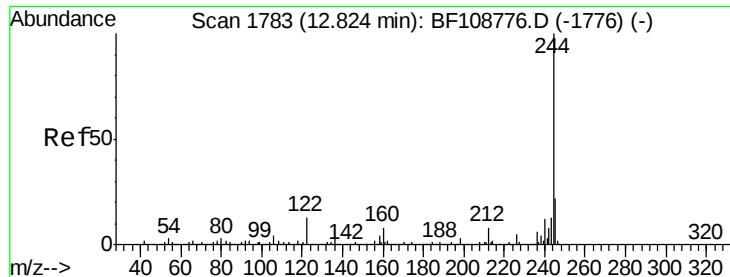
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108929.D
Acq: 11 Sep 2018 12:29

Tgt Ion:240 Resp: 577999
Ion Ratio Lower Upper
240 100
120 12.5 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

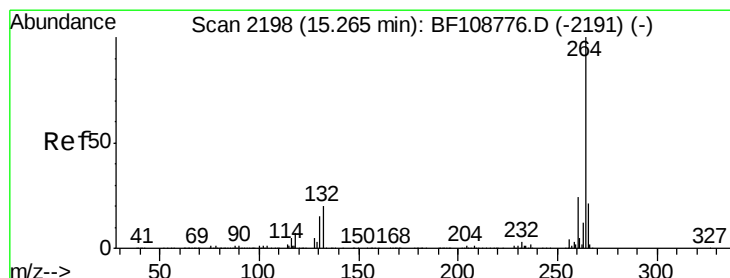
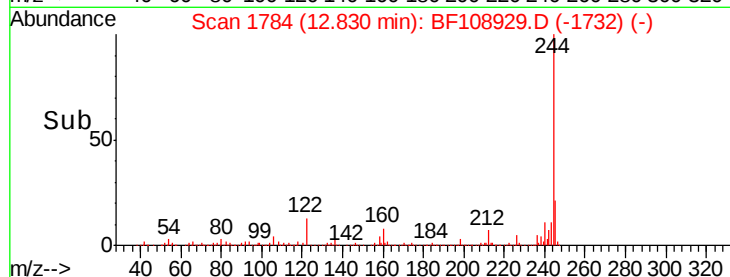
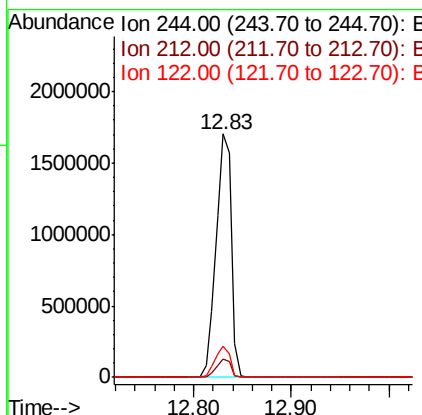
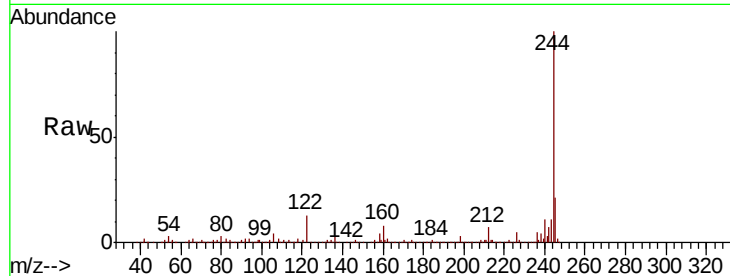




#78
 Terphenyl-d14
 Concen: 74.296 ng
 RT: 12.83 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1841554
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.02 min
 Lab File: BF108929.D
 Acq: 11 Sep 2018 12:29

Tgt Ion:264 Resp: 520349
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.3 17.5 26.3

