

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108937.D
 Acq On : 11 Sep 2018 16:08
 Operator : JU/SJ
 Sample : PB112707BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 16:32:09 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	172504	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	655271	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	310717	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	557506	20.00	ng	0.00
75) Chrysene-d12	13.87	240	351421	20.00	ng	0.00
86) Perylene-d12	15.28	264	408193	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	1128767	108.40	ng	0.02
7) Phenol-d6	6.37	99	1464889	109.34	ng	0.00
23) Nitrobenzene-d5	7.30	82	923752	88.22	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	313066	105.54	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1612161	88.52	ng	0.00
78) Terphenyl-d14	12.83	244	1367574	90.75	ng	0.00

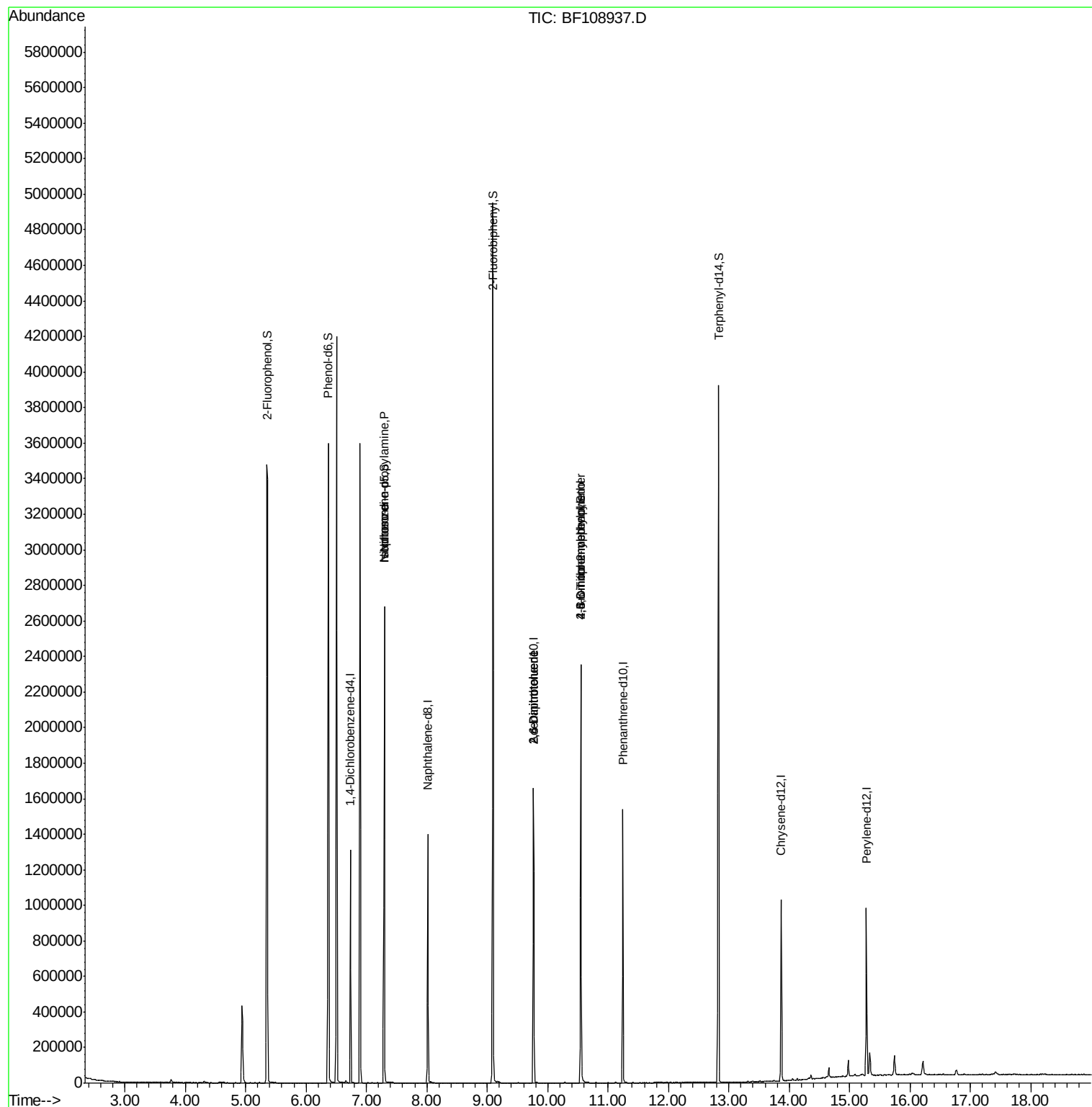
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	123305	13.240	ng	# 78
25) Isophorone	7.30	82	914614	43.791	ng	# 64
50) 2,6-Dinitrotoluene	9.77	165	39443	9.525	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	39443	7.448	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	693	7.139	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	19306	3.066	ng	# 1

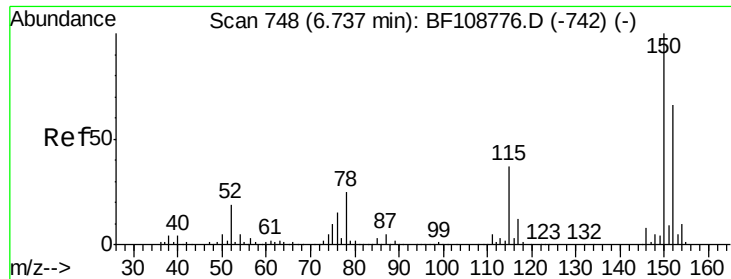
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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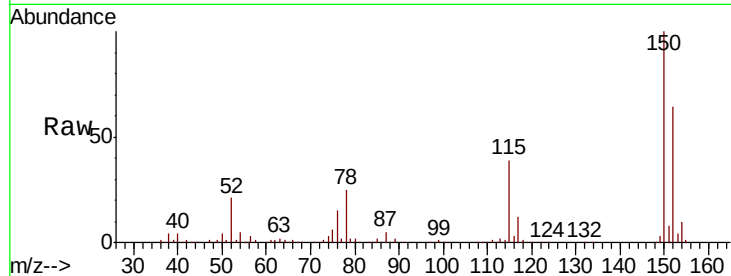


#1

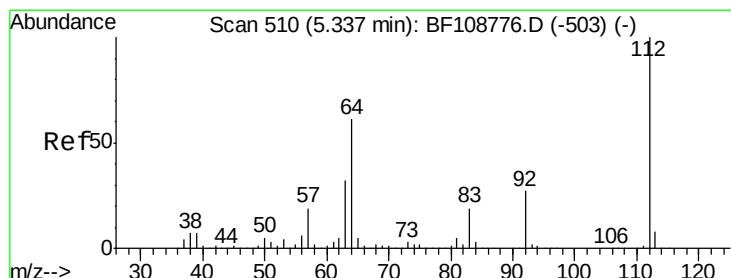
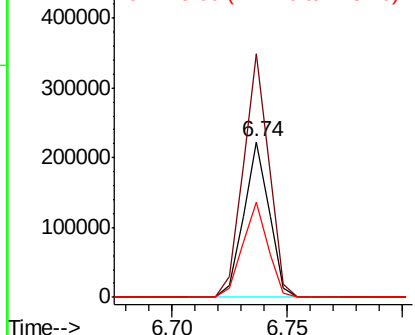
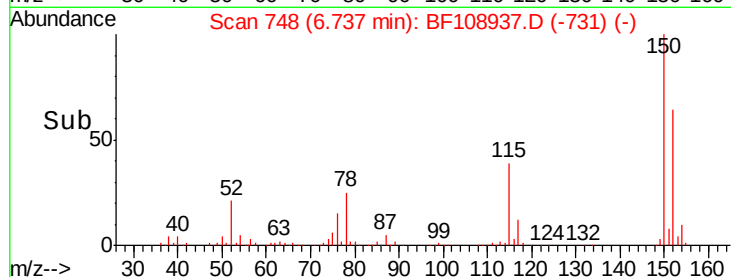
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 172504
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.1 50.1 75.1



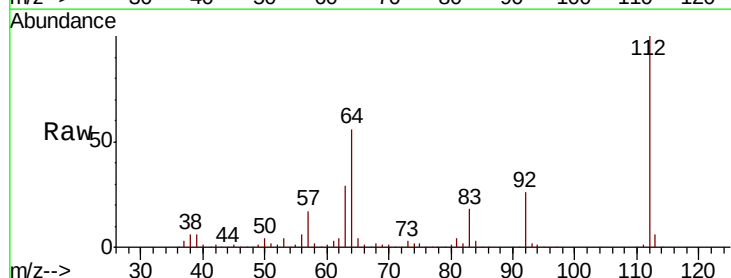
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



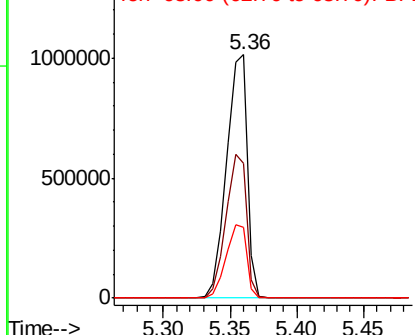
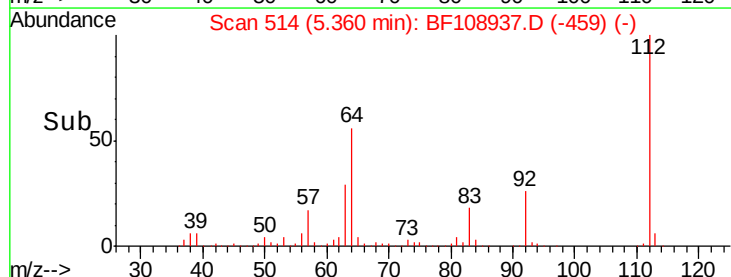
#5

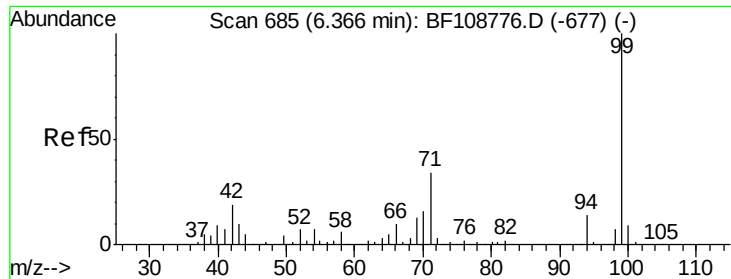
2-Fluorophenol
Concen: 108.403 ng
RT: 5.36 min Scan# 514
Delta R.T. 0.02 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Tgt Ion:112 Resp: 1128767
Ion Ratio Lower Upper
112 100
64 55.6 47.9 71.9
63 29.1 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: 109.340 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF108937.D

Acq: 11 Sep 2018 16:08

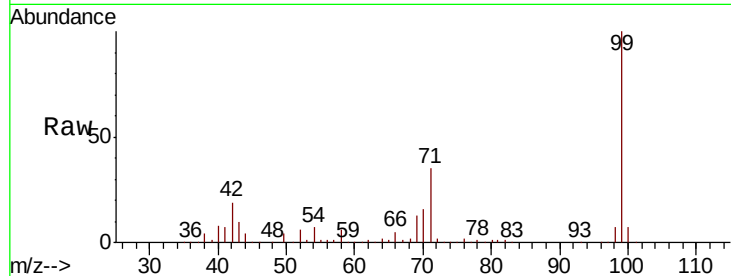
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1464889

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.8	25.4	38.0

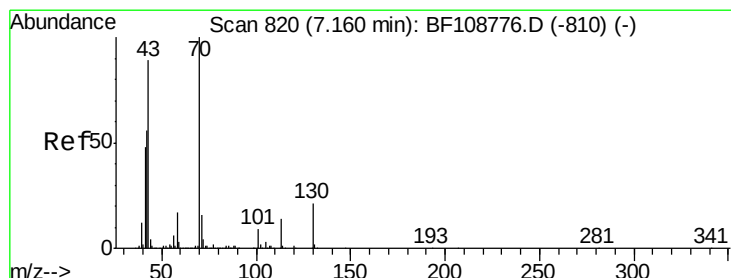
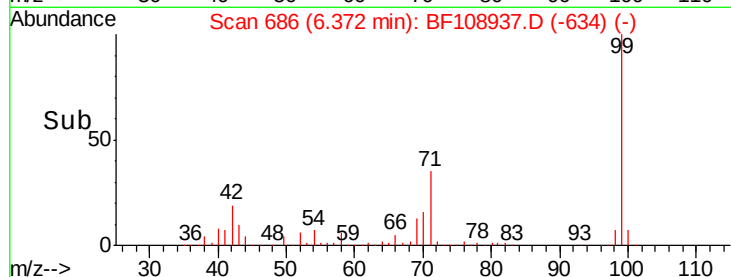
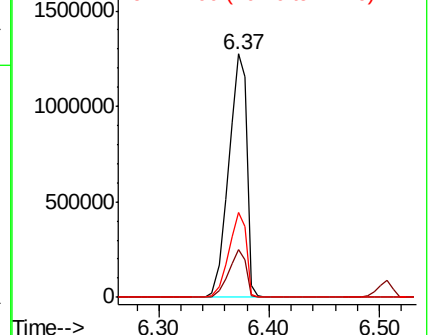


Abundance

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: 13.240 ng

RT: 7.30 min Scan# 843

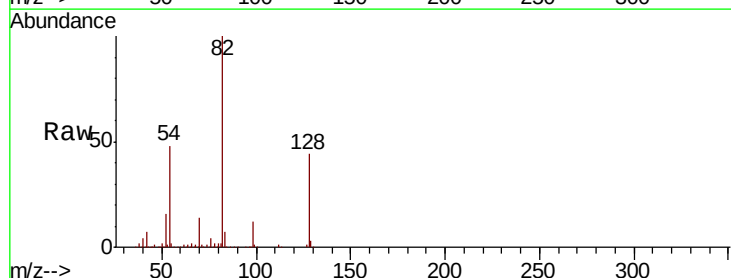
Delta R.T. 0.14 min

Lab File: BF108937.D

Acq: 11 Sep 2018 16:08

Tgt Ion: 70 Resp: 123305

Ion	Ratio	Lower	Upper
70	100		
42	47.7	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



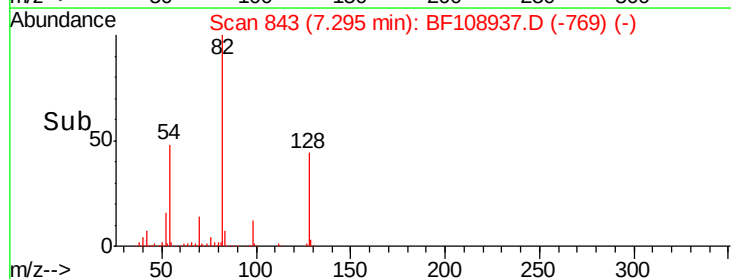
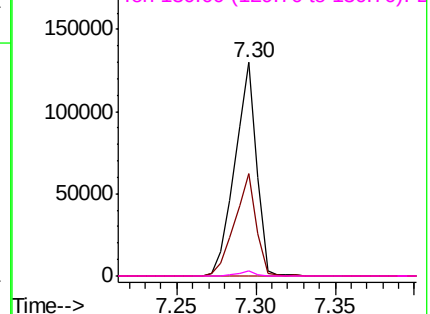
Abundance

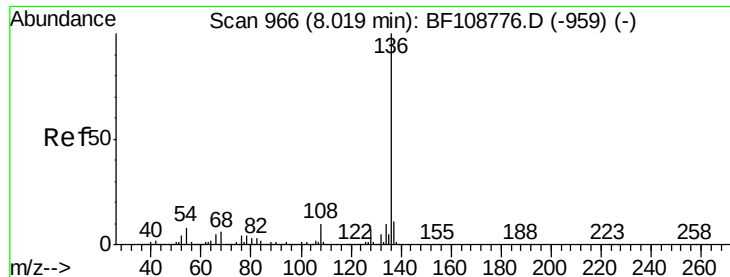
Ion 70.00 (69.70 to 70.70): BF1

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

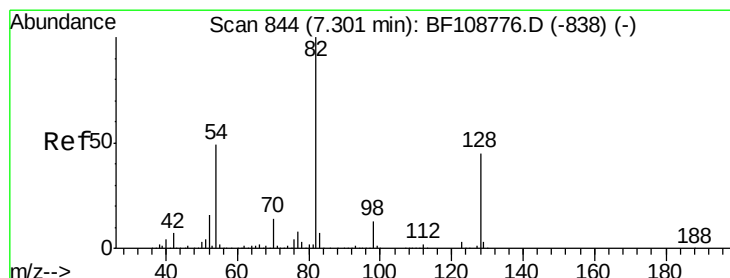
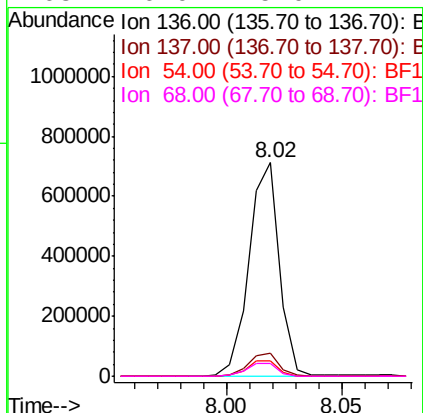
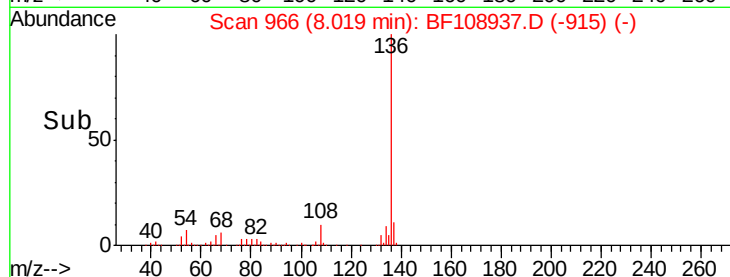
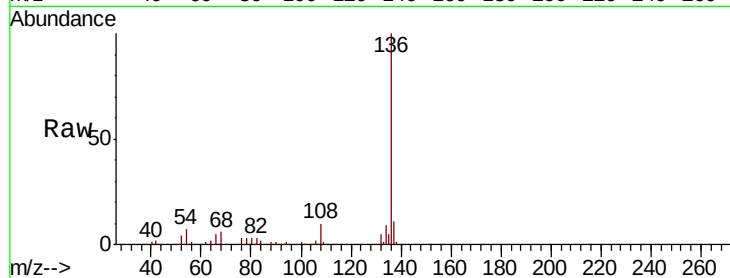




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

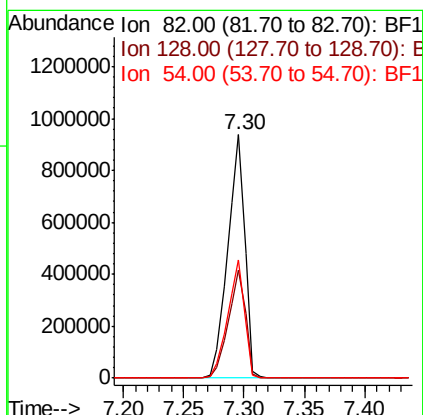
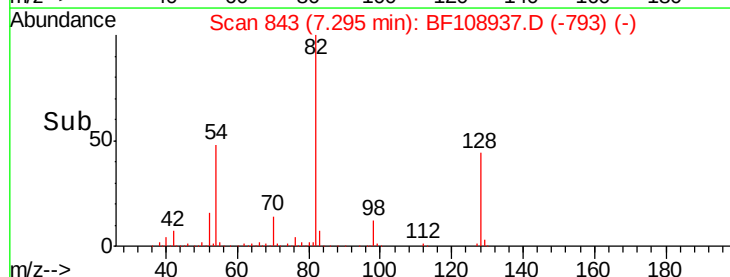
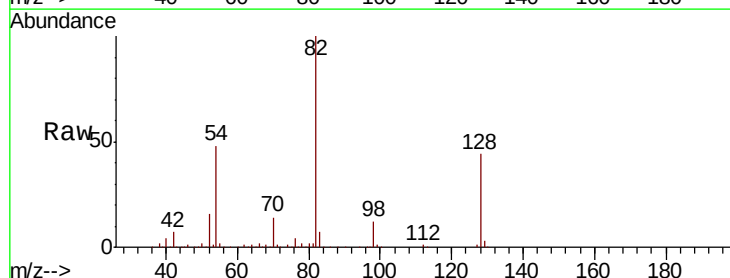
Instrument :
BNA_F
ClientSampleId :

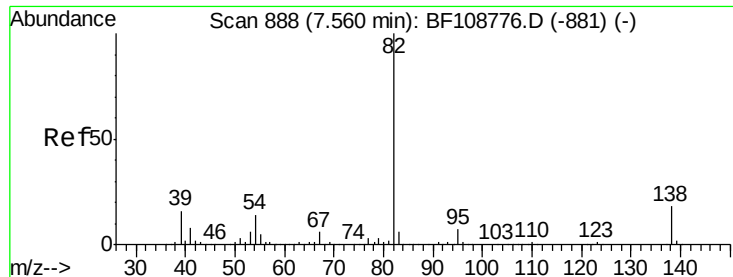
Tot Ion:136	Resp:	655271
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.9 13.3
54	7.1	6.6 9.8
68	6.0	5.0 7.4



#23
Nitrobenzene-d5
Concen: 88.222 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Tgt Ion: 82	Resp:	923752
Ion	Ratio	Lower Upper
82	100	
128	44.5	36.1 54.1
54	48.3	41.4 62.2

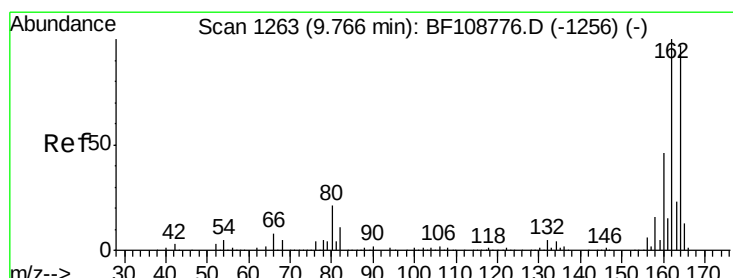
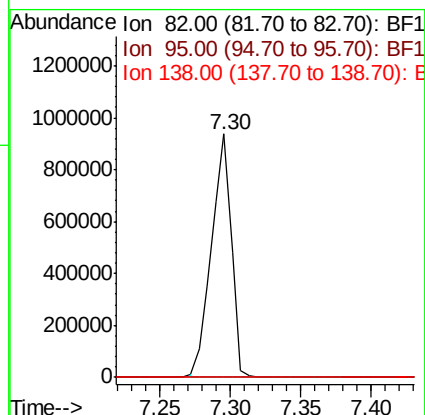
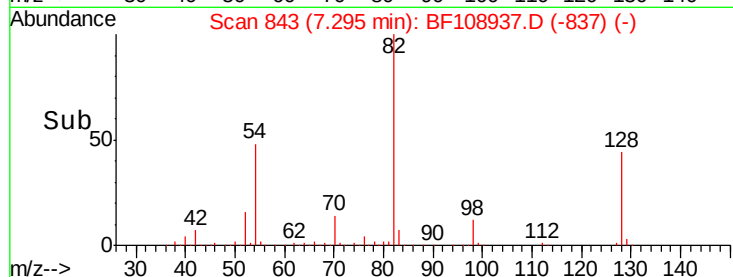
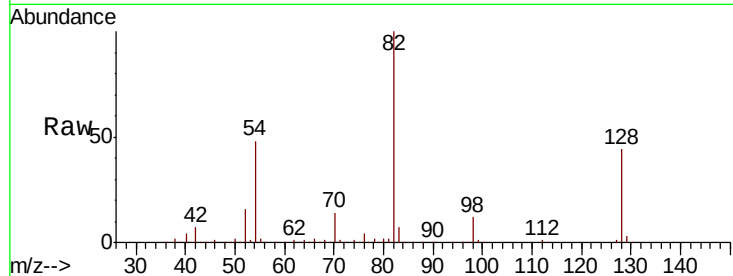




#25
Isophorone
Concen: 43.791 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.26 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

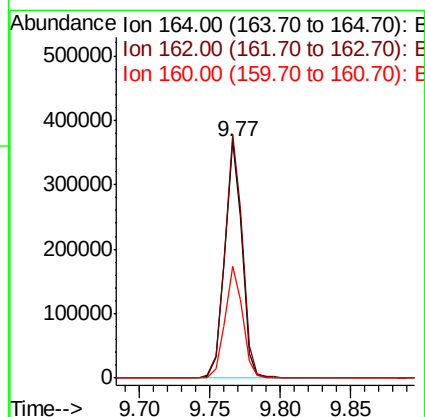
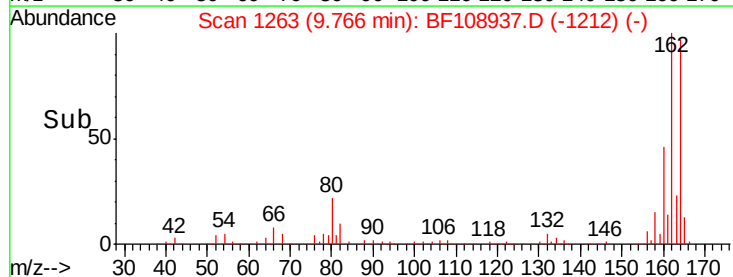
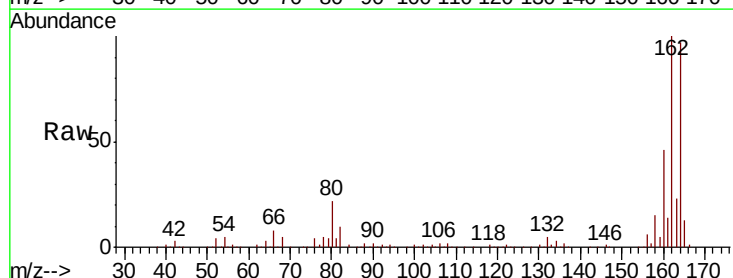
Instrument :
BNA_F
ClientSampleId :

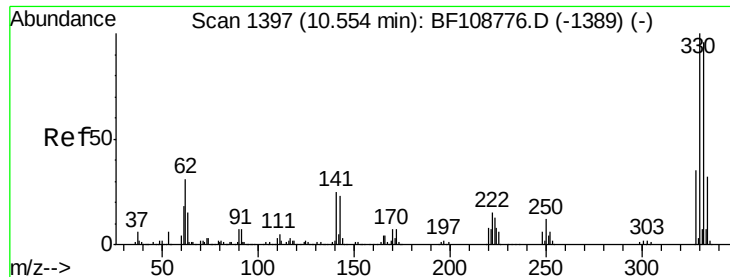
Tot Ion: 82 Resp: 914614
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Tgt Ion:164 Resp: 310717
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 47.1 38.3 57.5

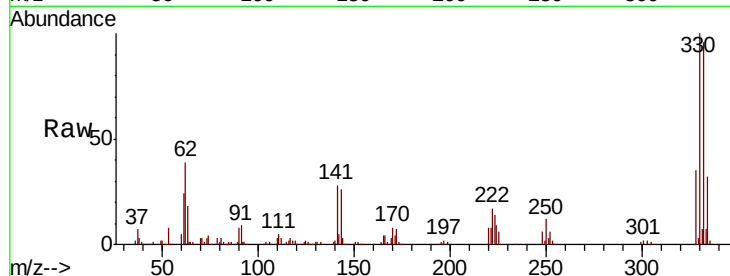




#41
 2,4,6-Tribromophenol
 Concen: 105.543 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108937.D
 Acq: 11 Sep 2018 16:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	32.3	29.9	44.9

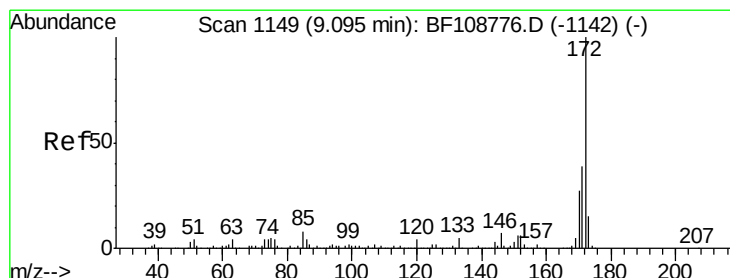
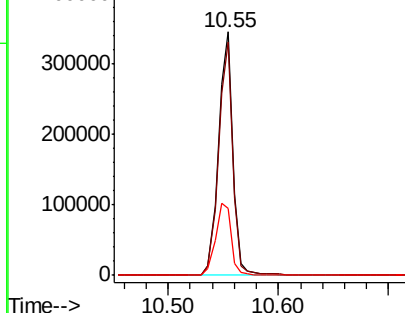
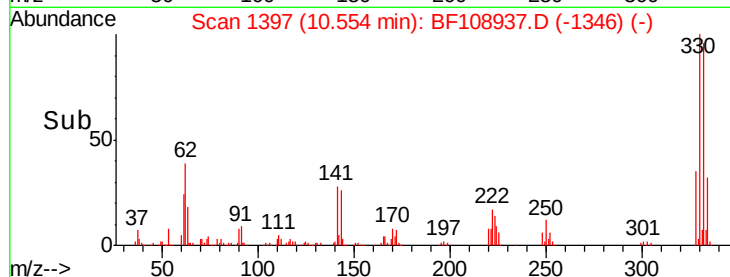


Abundance

Ion 329.80 (329.50 to 330.50): E

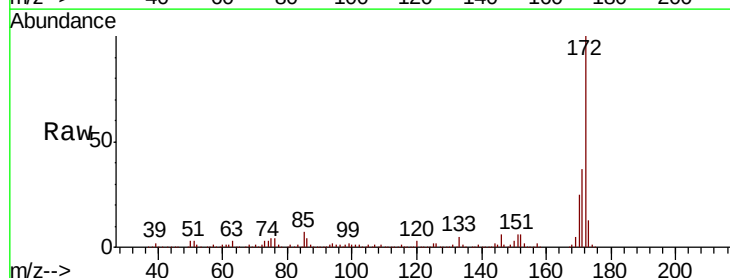
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 88.515 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108937.D
 Acq: 11 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.9	19.6	29.4

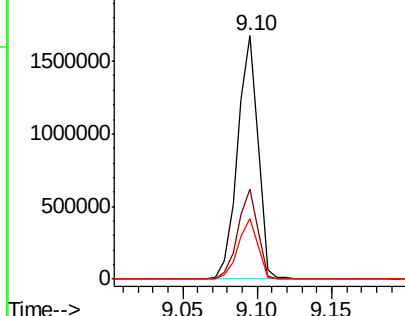
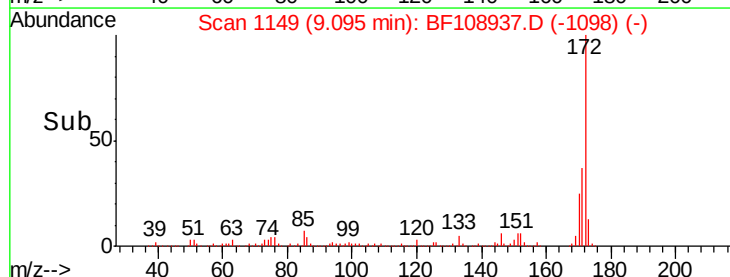


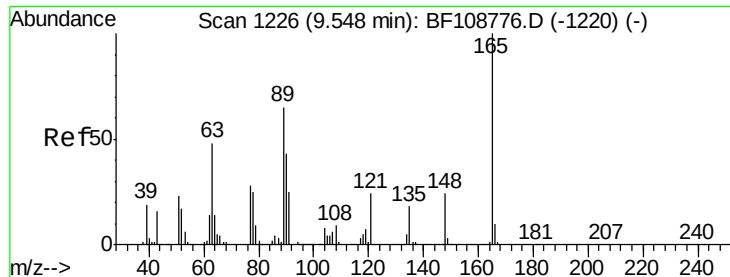
Abundance

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

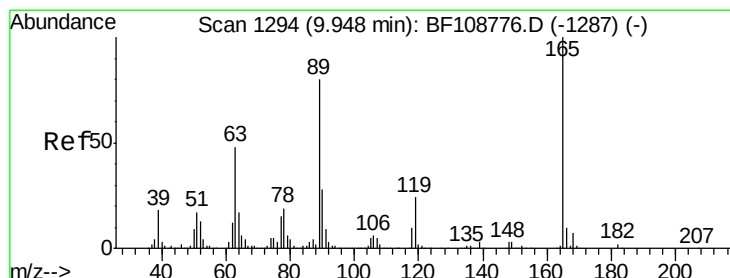
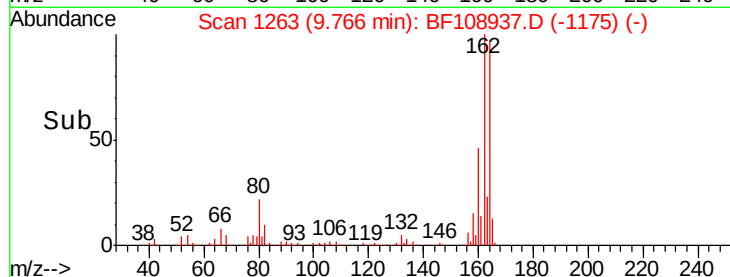
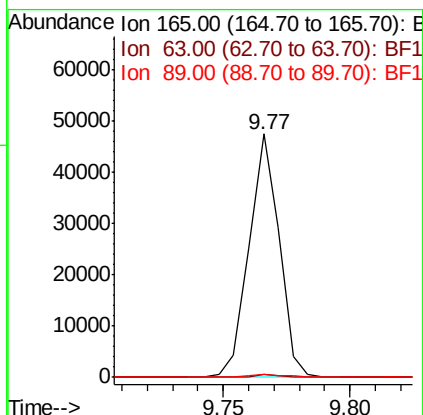
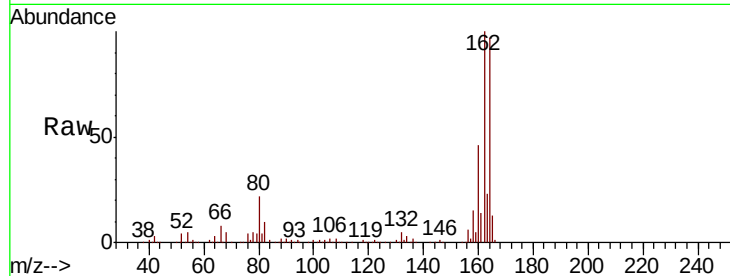




#50
 2,6-Dinitrotoluene
 Concen: 9.525 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. 0.22 min
 Lab File: BF108937.D
 Acq: 11 Sep 2018 16:08

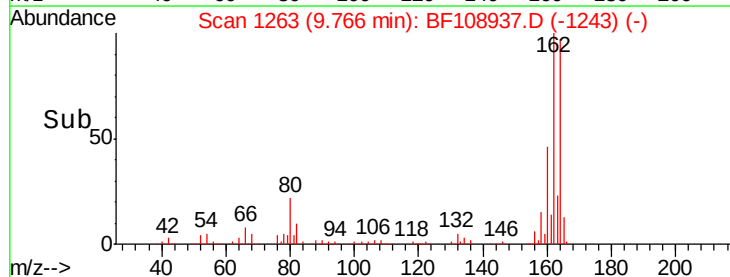
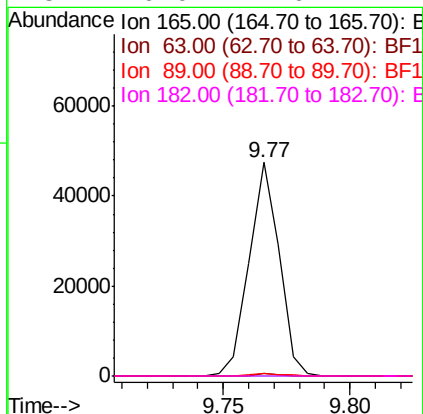
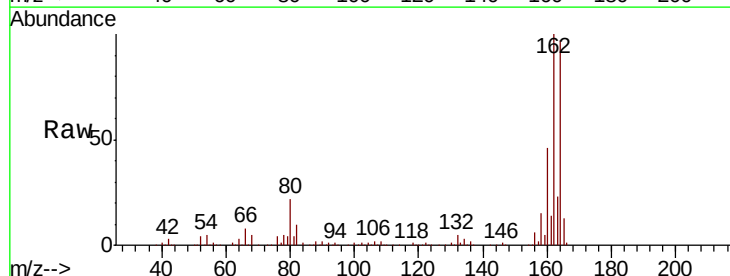
Instrument :
 BNA_F
 ClientSampleId :

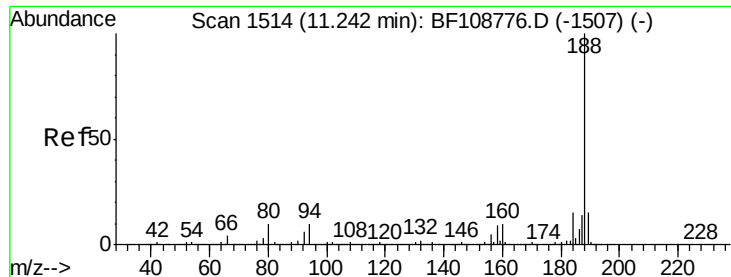
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.448 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108937.D
 Acq: 11 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

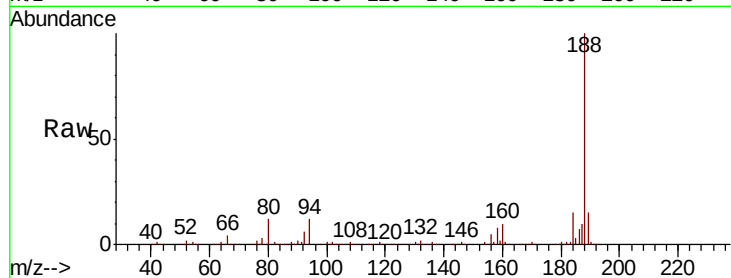




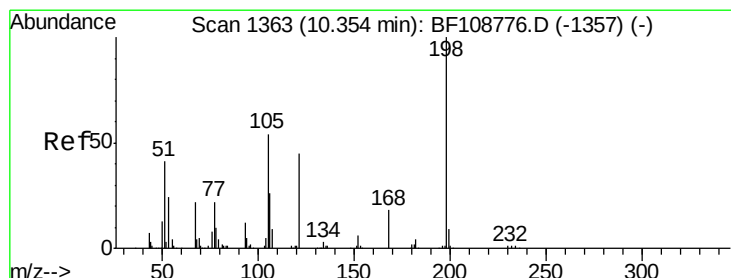
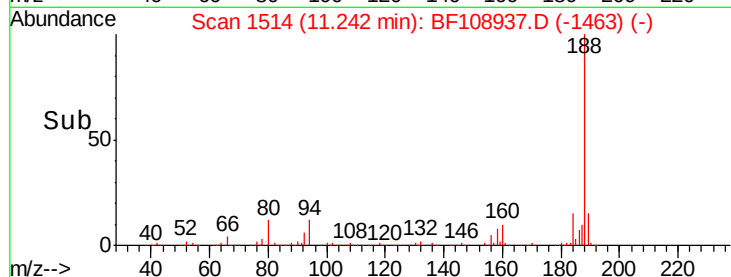
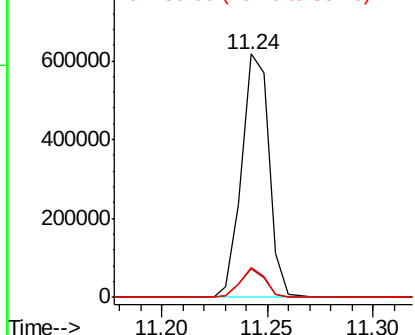
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 557506
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.1 9.2 13.8

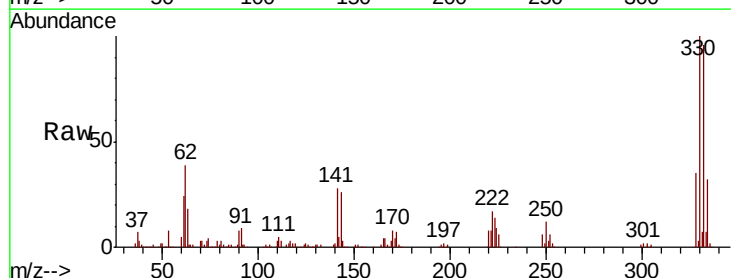


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

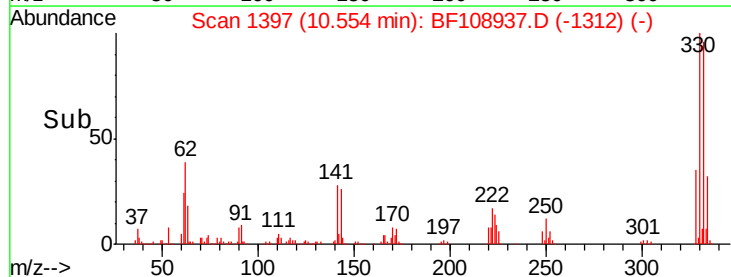
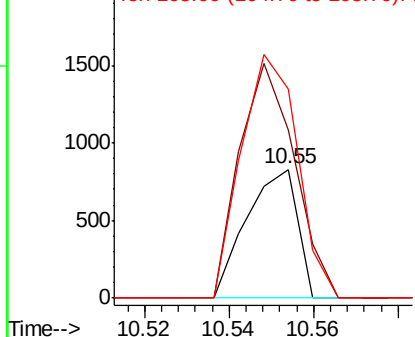


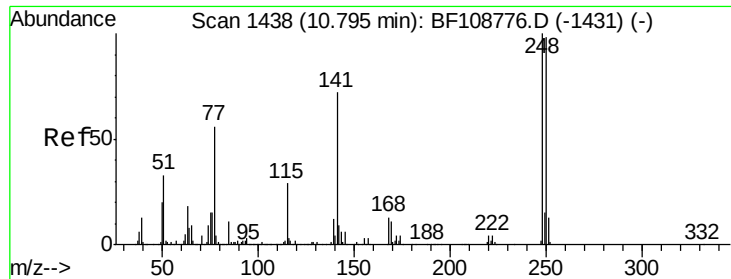
#64
4,6-Dinitro-2-methylphenol
Concen: 7.139 ng
RT: 10.55 min Scan# 1397
Delta R.T. 0.20 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Tgt Ion:198 Resp: 693
Ion Ratio Lower Upper
198 100
51 130.6 37.7 77.7#
105 162.7 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

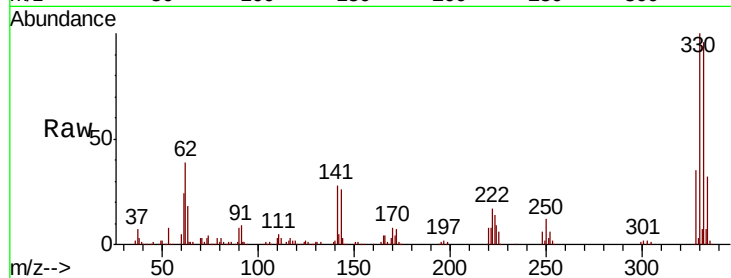




#66
4-Bromophenyl-phenylether
Concen: 3.066 ng
RT: 10.55 min Scan# 1397
Delta R.T. -0.24 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	204.2	76.9	115.3#
141	482.7	74.4	111.6#

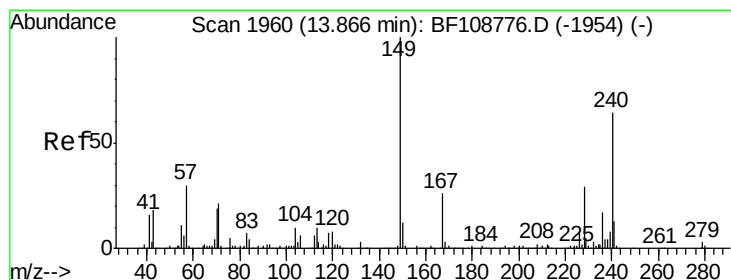
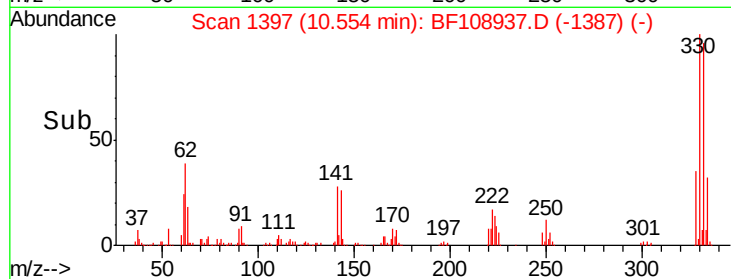
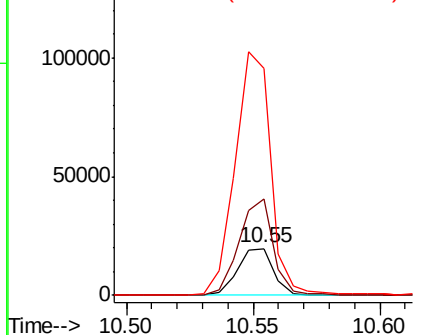


Abundance

Ion 248.00 (247.70 to 248.70): E

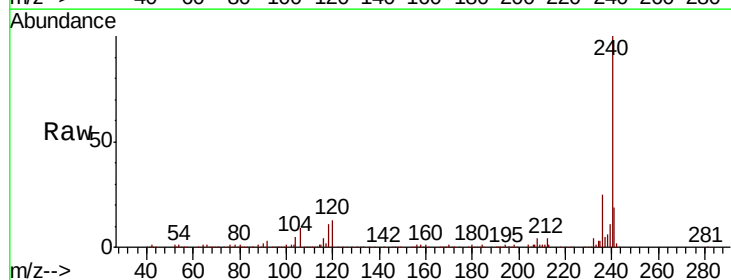
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108937.D
Acq: 11 Sep 2018 16:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.1	20.7	31.1

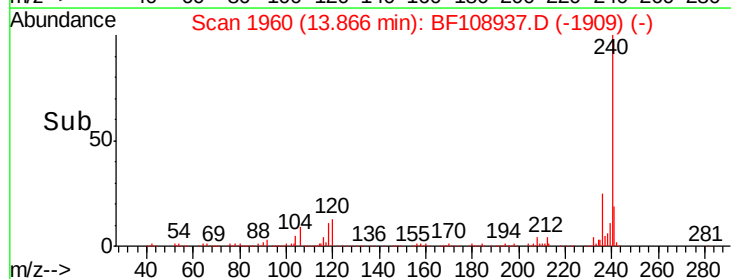
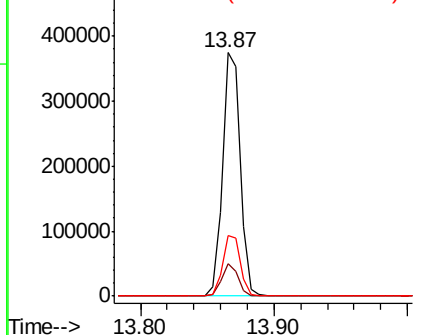


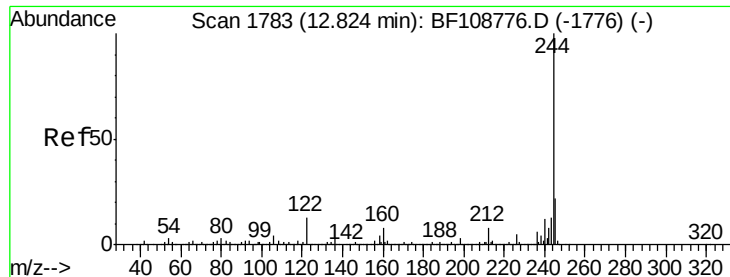
Abundance

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: 90.747 ng

RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF108937.D

Acq: 11 Sep 2018 16:08

Instrument :

BNA_F

ClientSampleId :

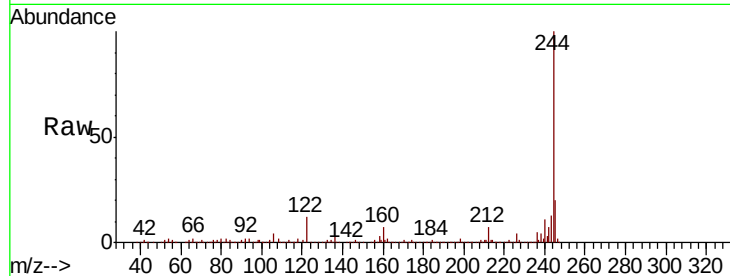
Tot Ion:244 Resp: 1367574

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

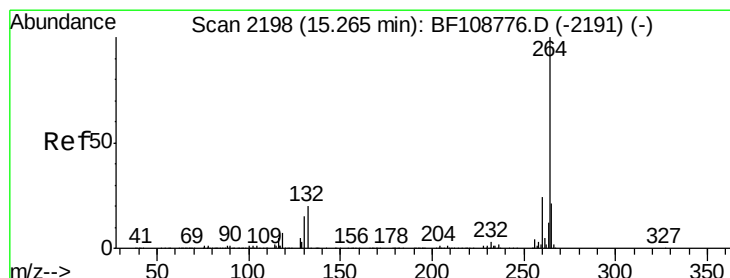
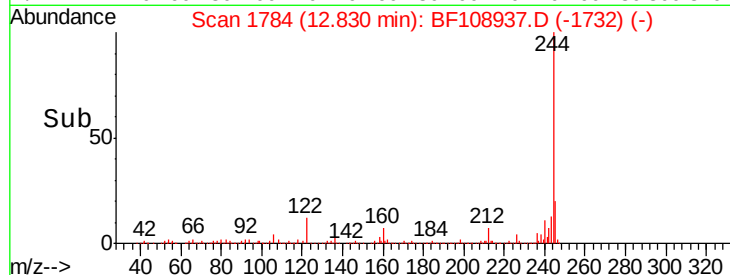
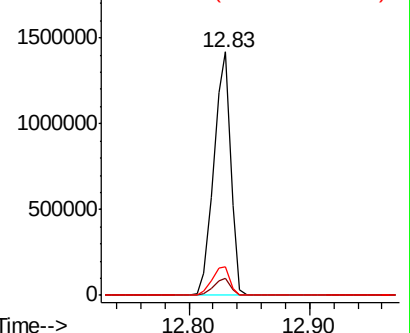
122 11.6 11.0 16.4



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: 15.28 min Scan# 2200

Delta R.T. 0.01 min

Lab File: BF108937.D

Acq: 11 Sep 2018 16:08

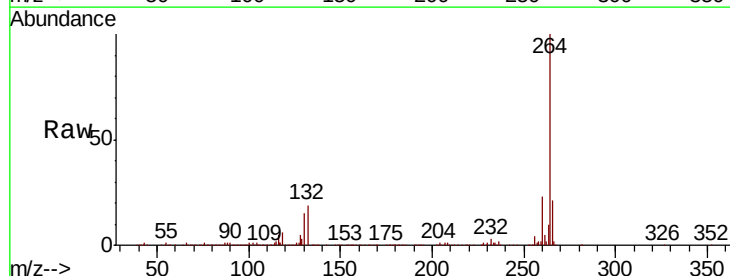
Tgt Ion:264 Resp: 408193

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.3 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

