

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
 Data File : BF108941.D
 Acq On : 11 Sep 2018 17:57
 Operator : JU/SJ
 Sample : J4847-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 18:26:55 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

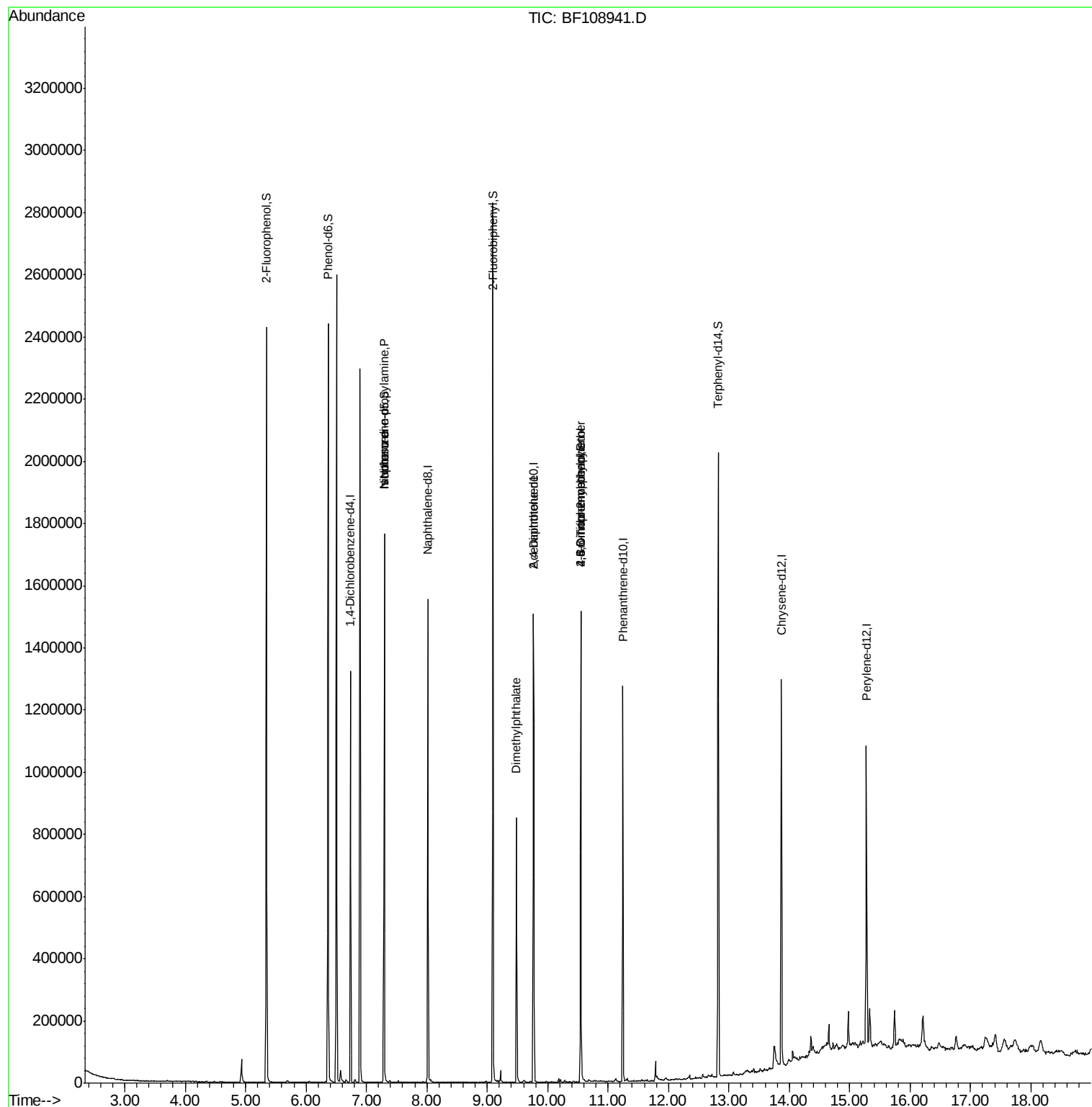
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	169995	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	630976	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	282385	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	457922	20.00	ng	0.00
75) Chrysene-d12	13.87	240	397419	20.00	ng	0.00
86) Perylene-d12	15.28	264	452553	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	699179	68.14	ng	0.01
7) Phenol-d6	6.37	99	904470	68.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	550944	54.64	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	169188	62.76	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	895324	54.09	ng	0.00
78) Terphenyl-d14	12.82	244	635958	37.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	72661	7.917	ng	# 75
25) Isophorone	7.30	82	546930	27.195	ng	# 64
49) Dimethylphthalate	9.48	163	310802	15.736	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	35432	7.362	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	287	7.005	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	10490	2.028	ng	# 1

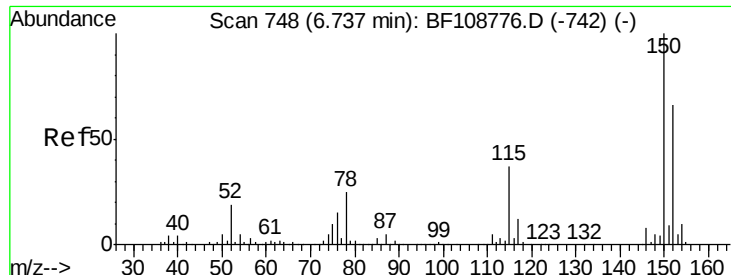
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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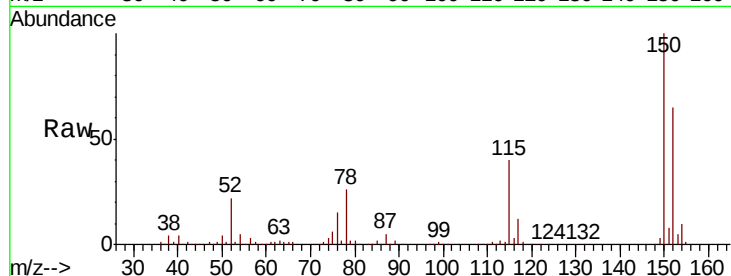


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	60.9	50.1	75.1

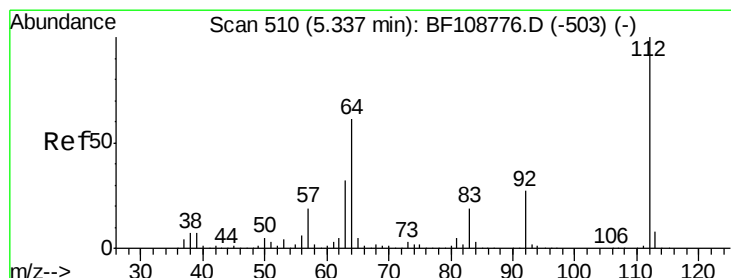
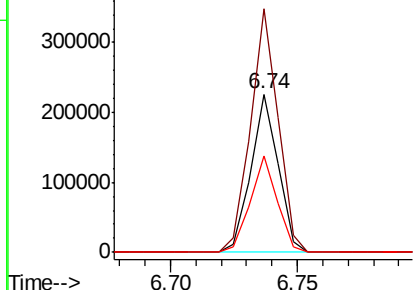
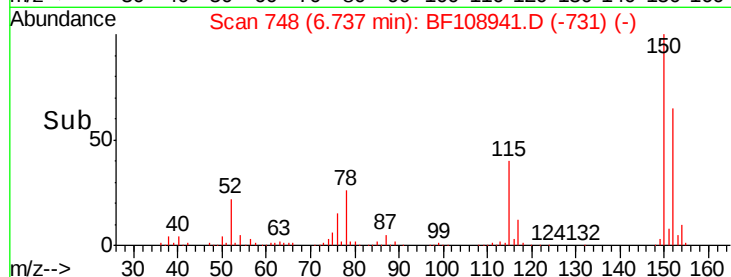


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

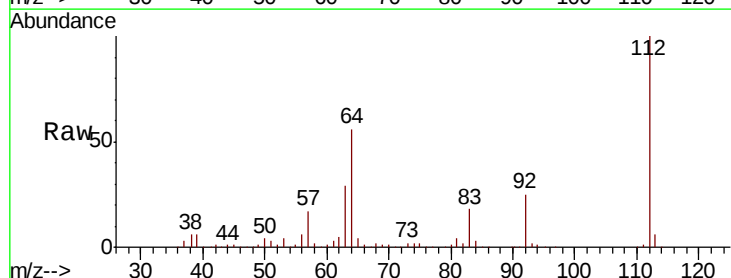
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 68.138 ng
RT: 5.35 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.8	23.7	35.5

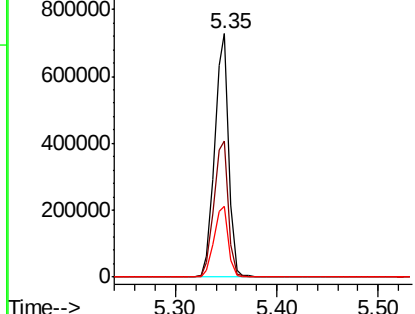
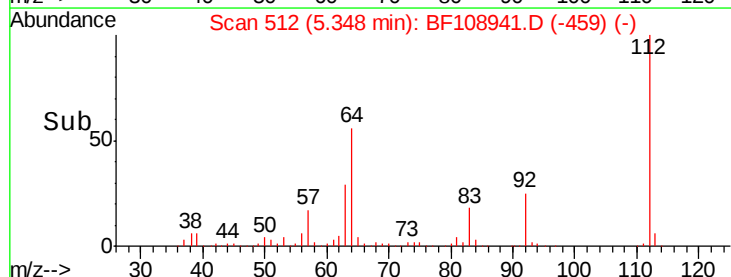


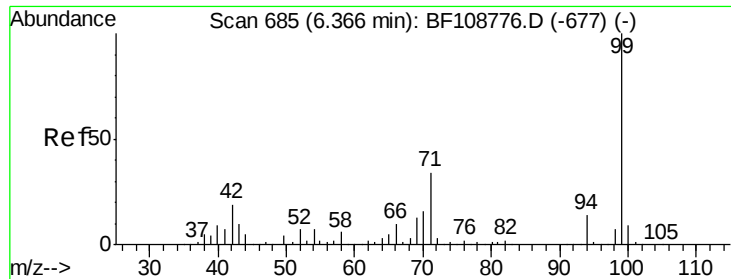
Abundance

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: 68.506 ng

RT: 6.37 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Instrument :

BNA_F

ClientSampled :

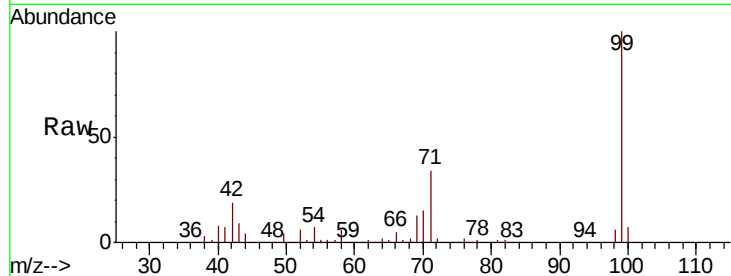
Tot Ion: 99 Resp: 904470

Ion Ratio Lower Upper

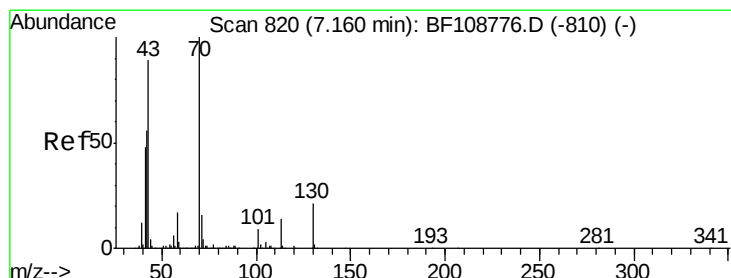
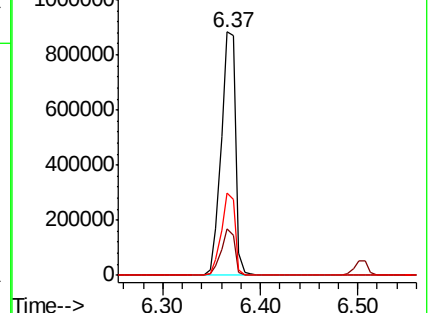
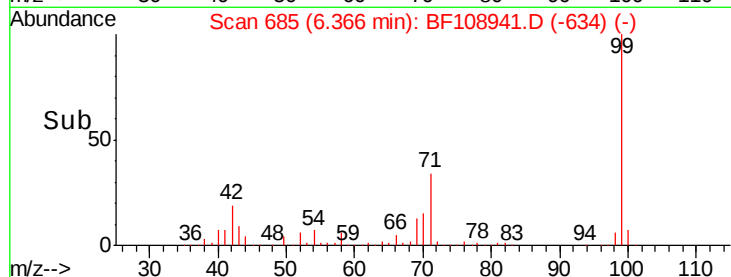
99 100

42 19.1 14.5 21.7

71 33.6 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: 7.917 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Tgt Ion: 70 Resp: 72661

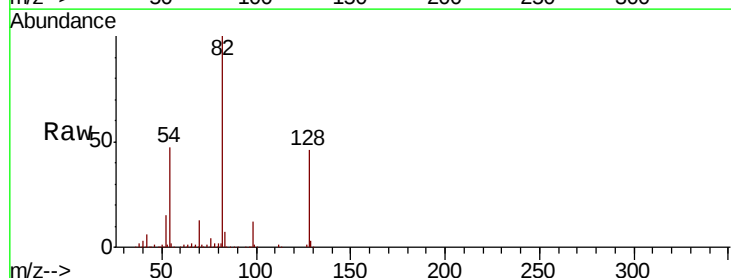
Ion Ratio Lower Upper

70 100

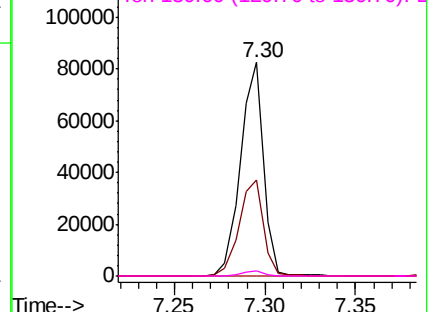
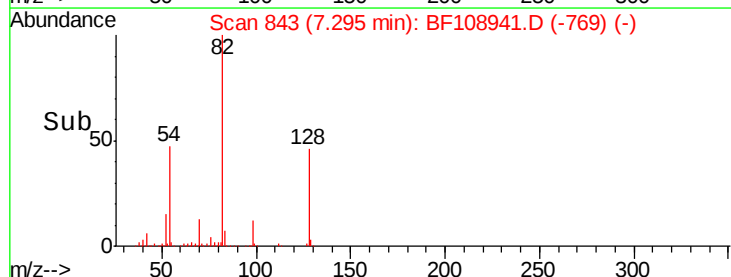
42 44.9 47.5 71.3#

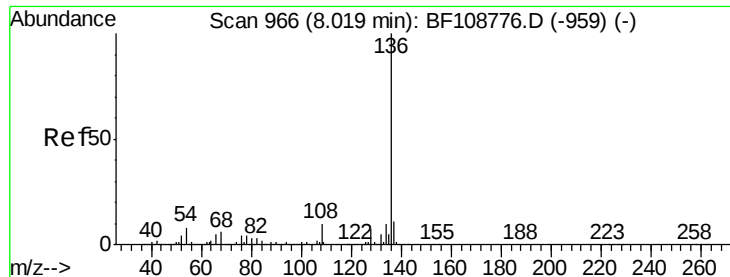
101 0.0 7.4 11.2#

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

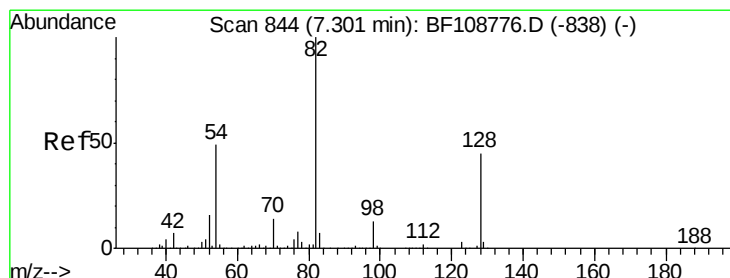
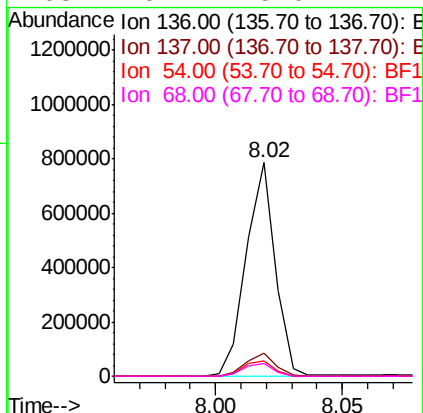
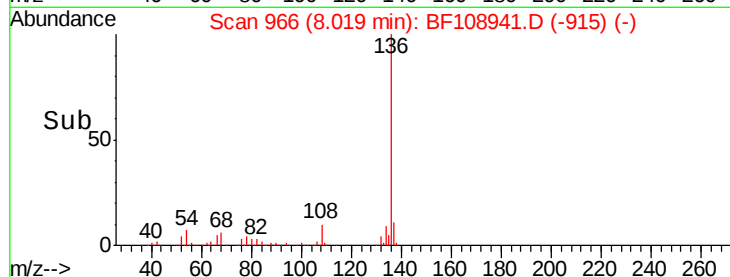
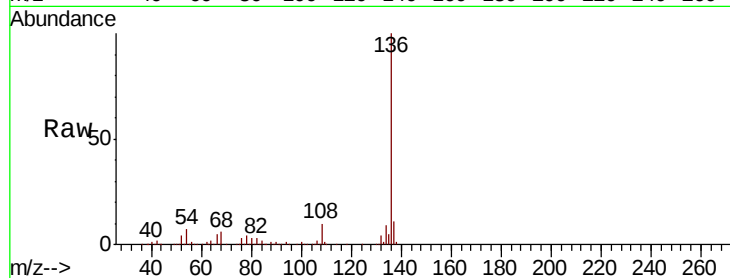




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

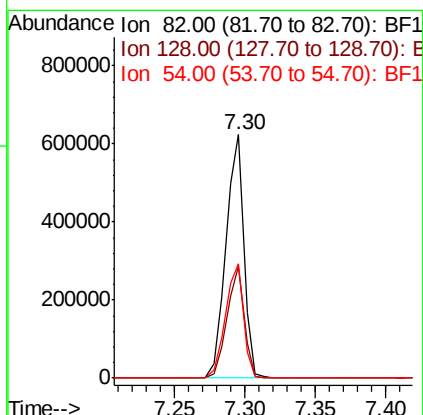
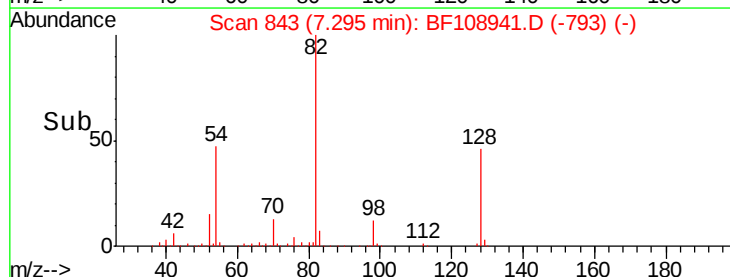
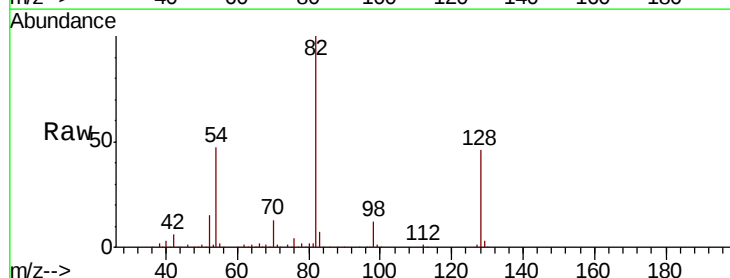
Instrument :
BNA_F
ClientSampleId :

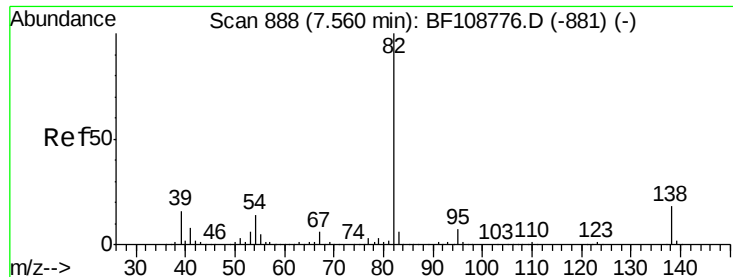
Tot Ion:136	Resp:	630976
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	7.2	6.6 9.8
68	6.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 54.643 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Tgt Ion: 82	Resp:	550944
Ion Ratio	Lower	Upper
82	100	
128	46.0	36.1 54.1
54	46.9	41.4 62.2





#25

Isophorone

Concen: 27.195 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108941.D

Acq: 11 Sep 2018 17:57

Instrument :

BNA_F

ClientSampleId :

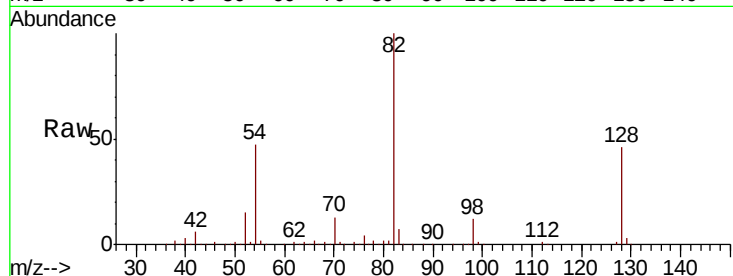
Tot Ion: 82 Resp: 546930

Ion Ratio Lower Upper

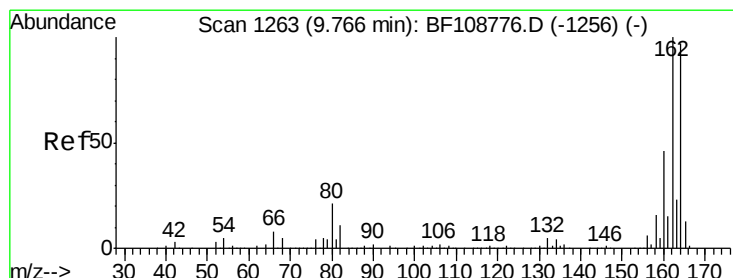
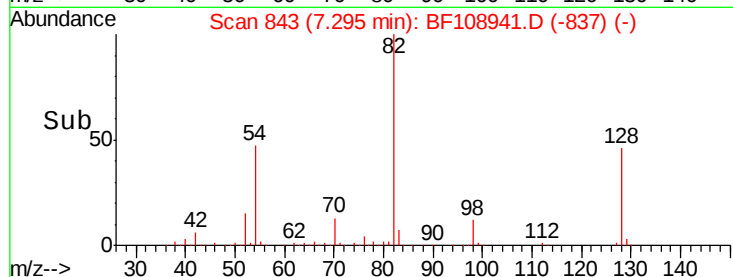
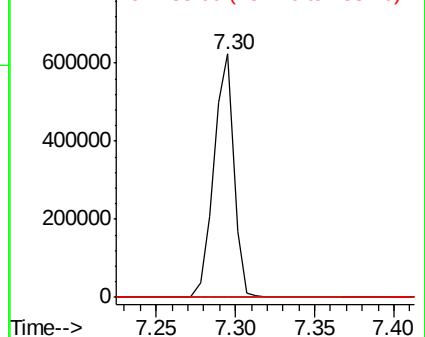
82 100

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: BF108941.D

Acq: 11 Sep 2018 17:57

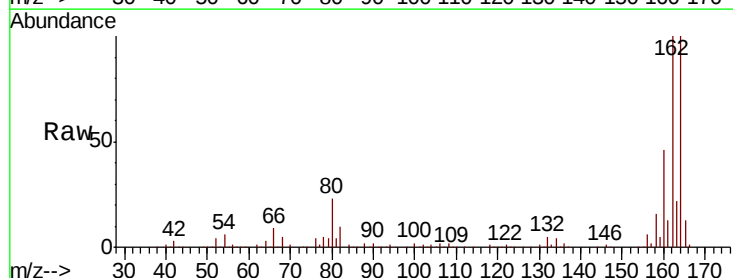
Tgt Ion: 164 Resp: 282385

Ion Ratio Lower Upper

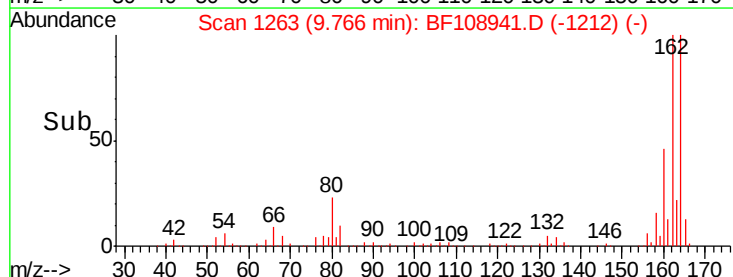
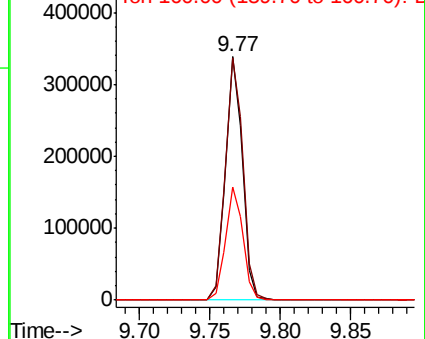
164 100

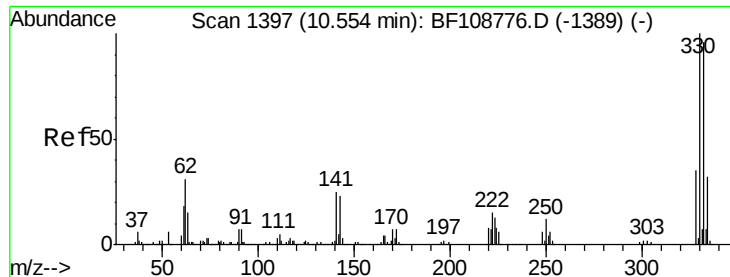
162 99.7 86.1 129.1

160 46.4 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

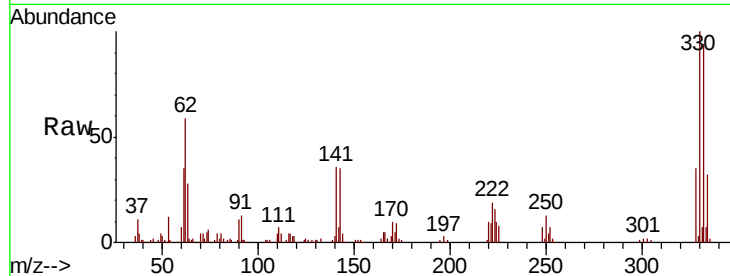




#41
 2,4,6-Tribromophenol
 Concen: 62.760 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	32.8	29.9	44.9

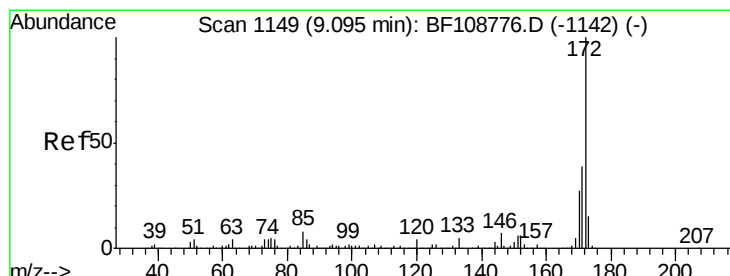
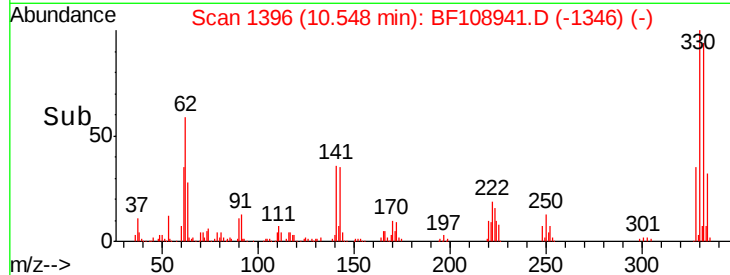
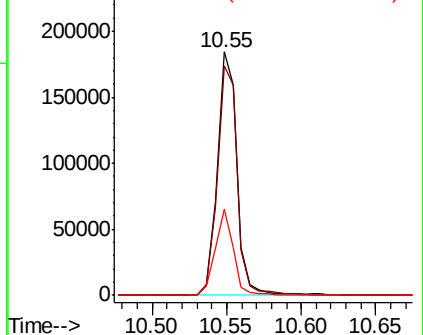


Abundance

Ion 329.80 (329.50 to 330.50): E

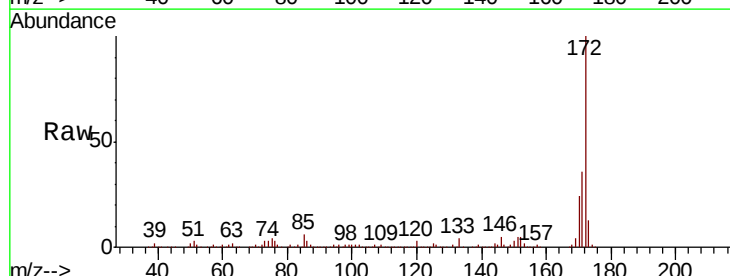
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 54.090 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4

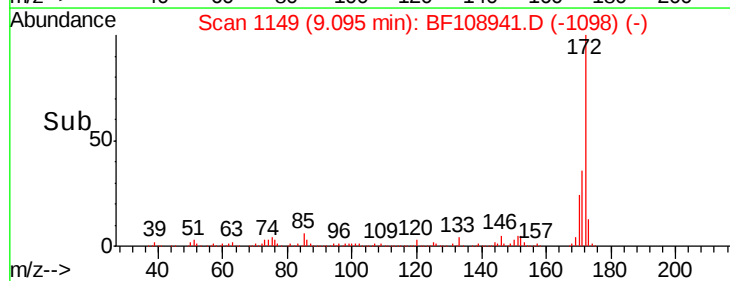
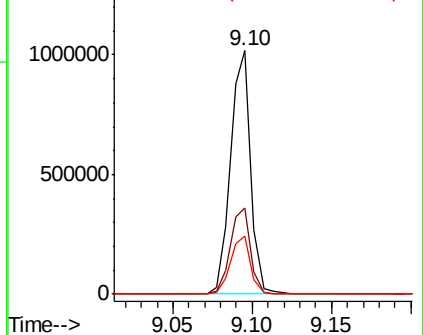


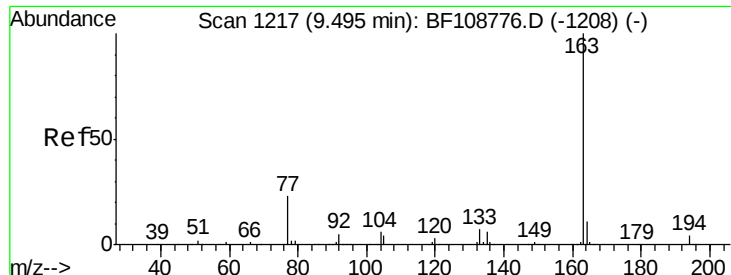
Abundance

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

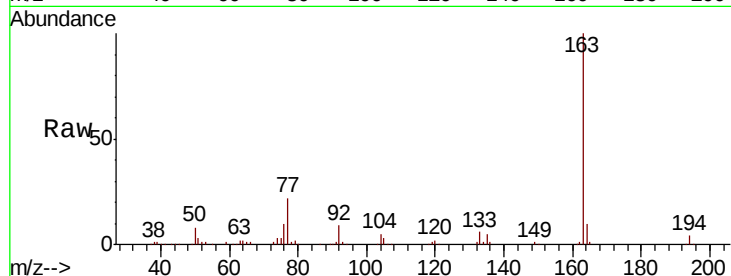




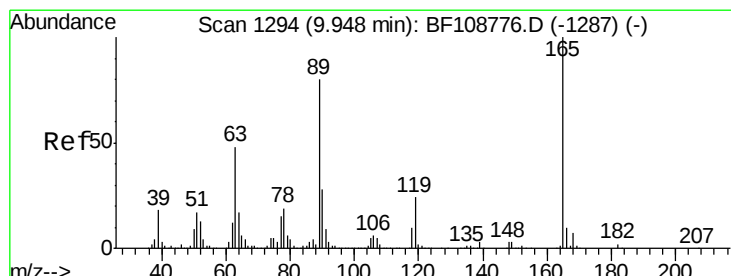
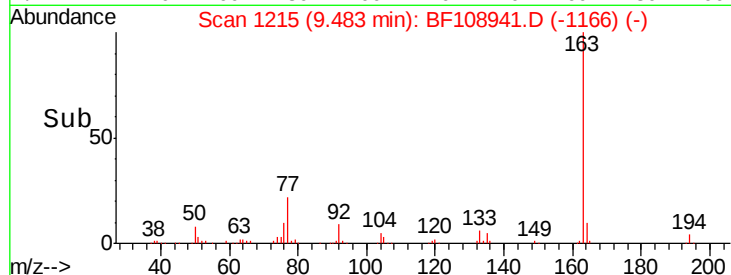
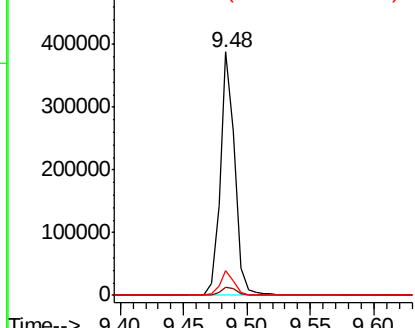
#49
Dimethylphthalate
Concen: 15.736 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.0	8.2	12.2



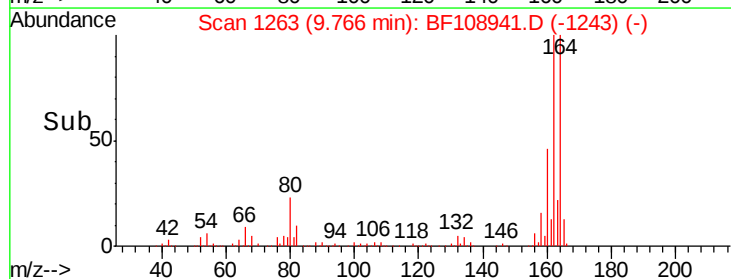
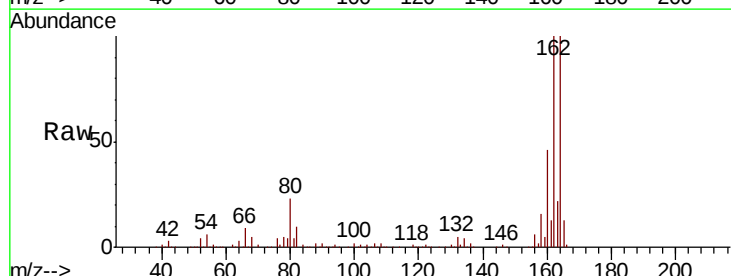
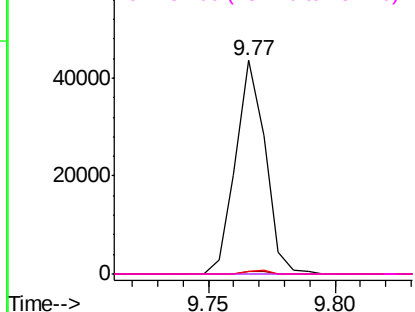
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

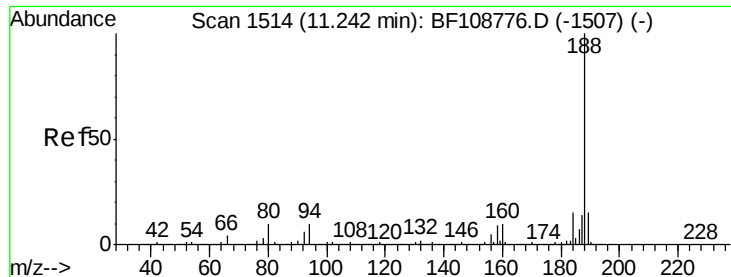


#56
2,4-Dinitrotoluene
Concen: 7.362 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	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

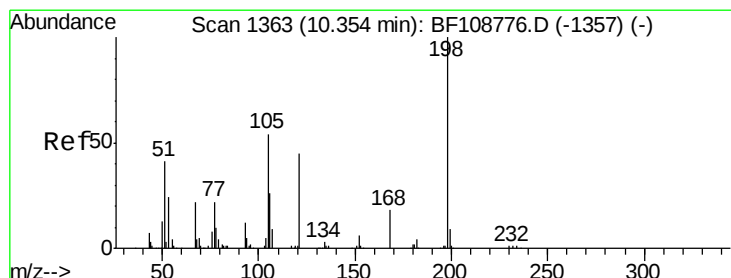
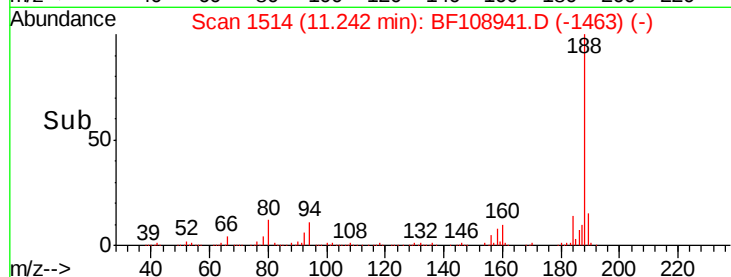
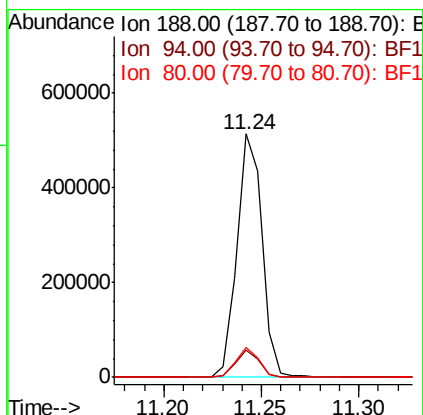
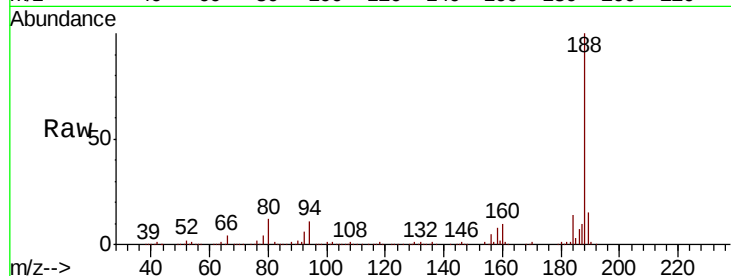




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

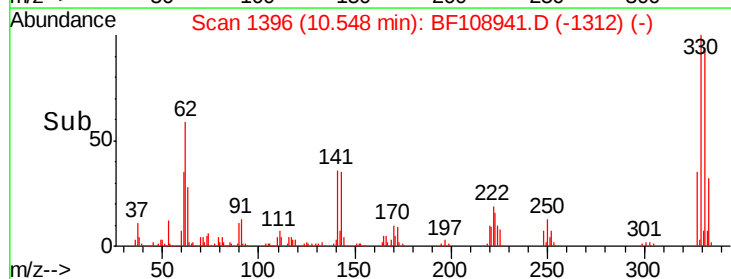
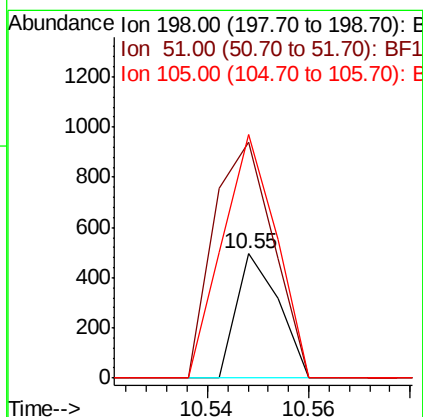
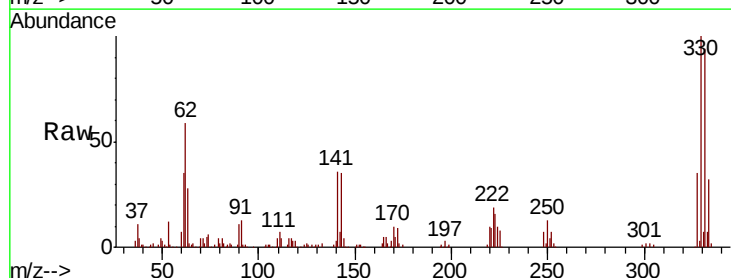
Instrument :
 BNA_F
 ClientSampleId :

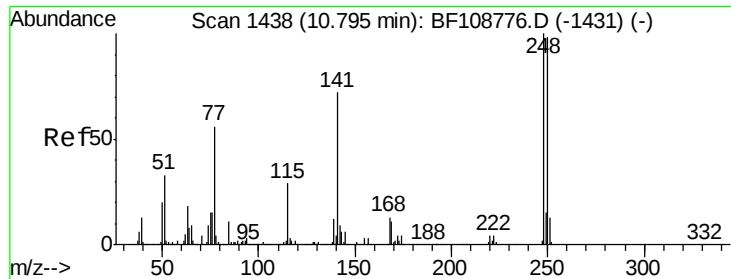
Tot Ion:188 Resp: 457922
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 12.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.005 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Tgt Ion:198 Resp: 287
 Ion Ratio Lower Upper
 198 100
 51 189.3 37.7 77.7#
 105 195.6 36.3 76.3#

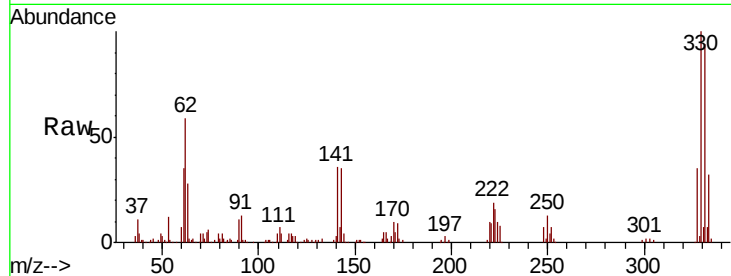




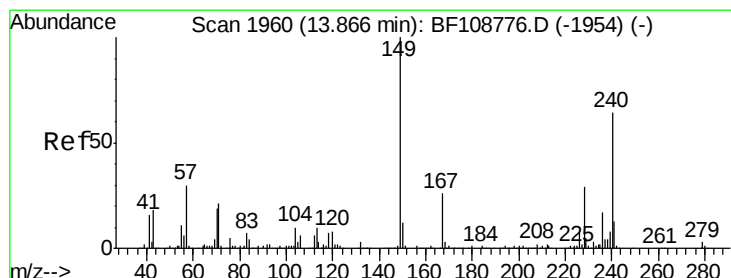
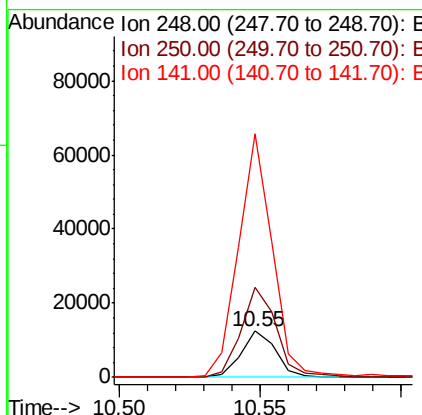
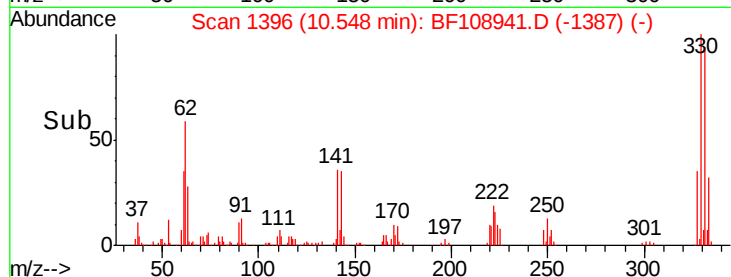
#66
4-Bromophenyl-phenylether
Concen: 2.028 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10490
Ion Ratio Lower Upper
248 100
250 194.4 76.9 115.3#
141 527.3 74.4 111.6#

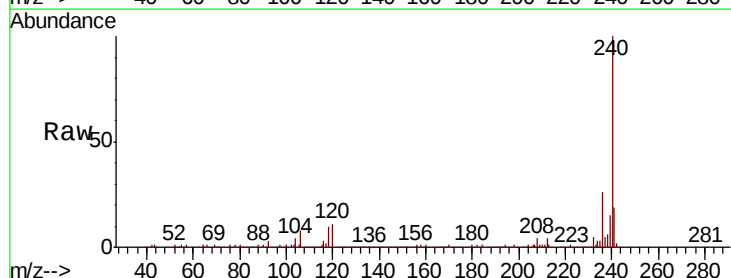


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

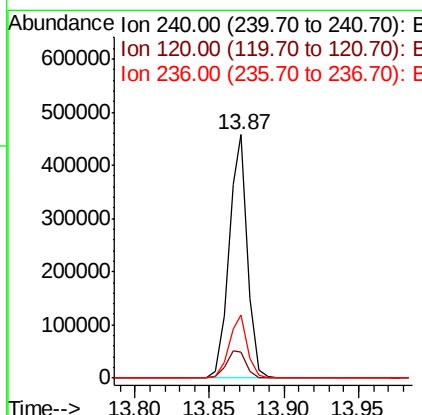
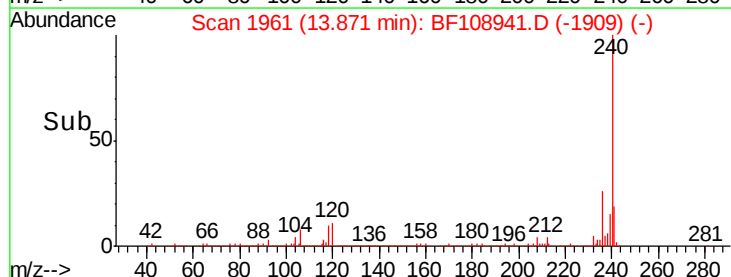


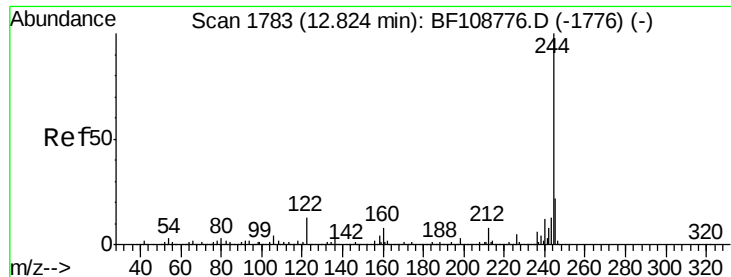
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1961
Delta R.T. 0.01 min
Lab File: BF108941.D
Acq: 11 Sep 2018 17:57

Tgt Ion:240 Resp: 397419
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.0 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

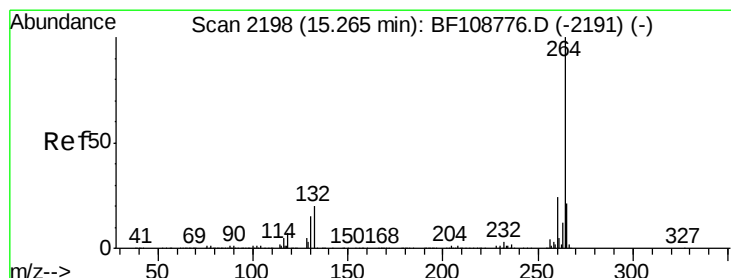
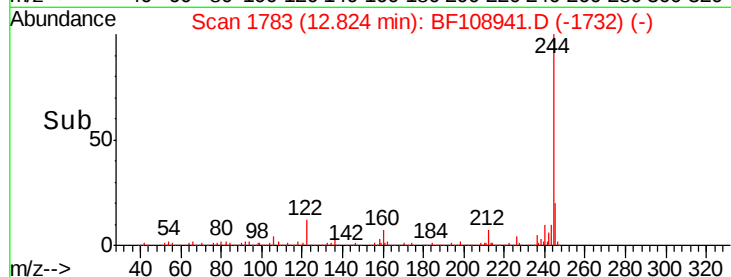
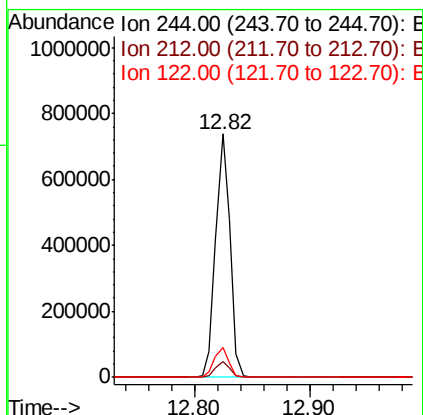
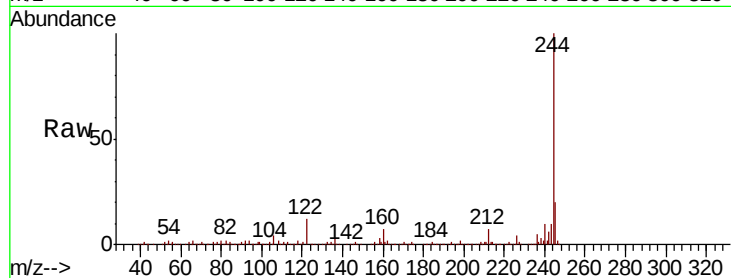




#78
 Terphenyl-d14
 Concen: 37.316 ng
 RT: 12.82 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 635958
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 12.2 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BF108941.D
 Acq: 11 Sep 2018 17:57

Tgt Ion:264 Resp: 452553
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.6 17.5 26.3

