

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108185.D
 Acq On : 16 Aug 2018 00:18
 Operator : JU/SJ
 Sample : J4471-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Aug 16 01:53:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	203137	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	773460	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	380863	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	627125	20.00	ng	0.00
75) Chrysene-d12	14.21	240	444005	20.00	ng	-0.01
86) Perylene-d12	15.77	264	447125	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	1434918	127.89	ng	0.02
7) Phenol-d6	6.64	99	1915363	128.46	ng	0.01
23) Nitrobenzene-d5	7.58	82	1321305	95.33	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	417740	109.96	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2280104	96.11	ng	0.00
78) Terphenyl-d14	13.14	244	1792321	102.64	ng	0.00

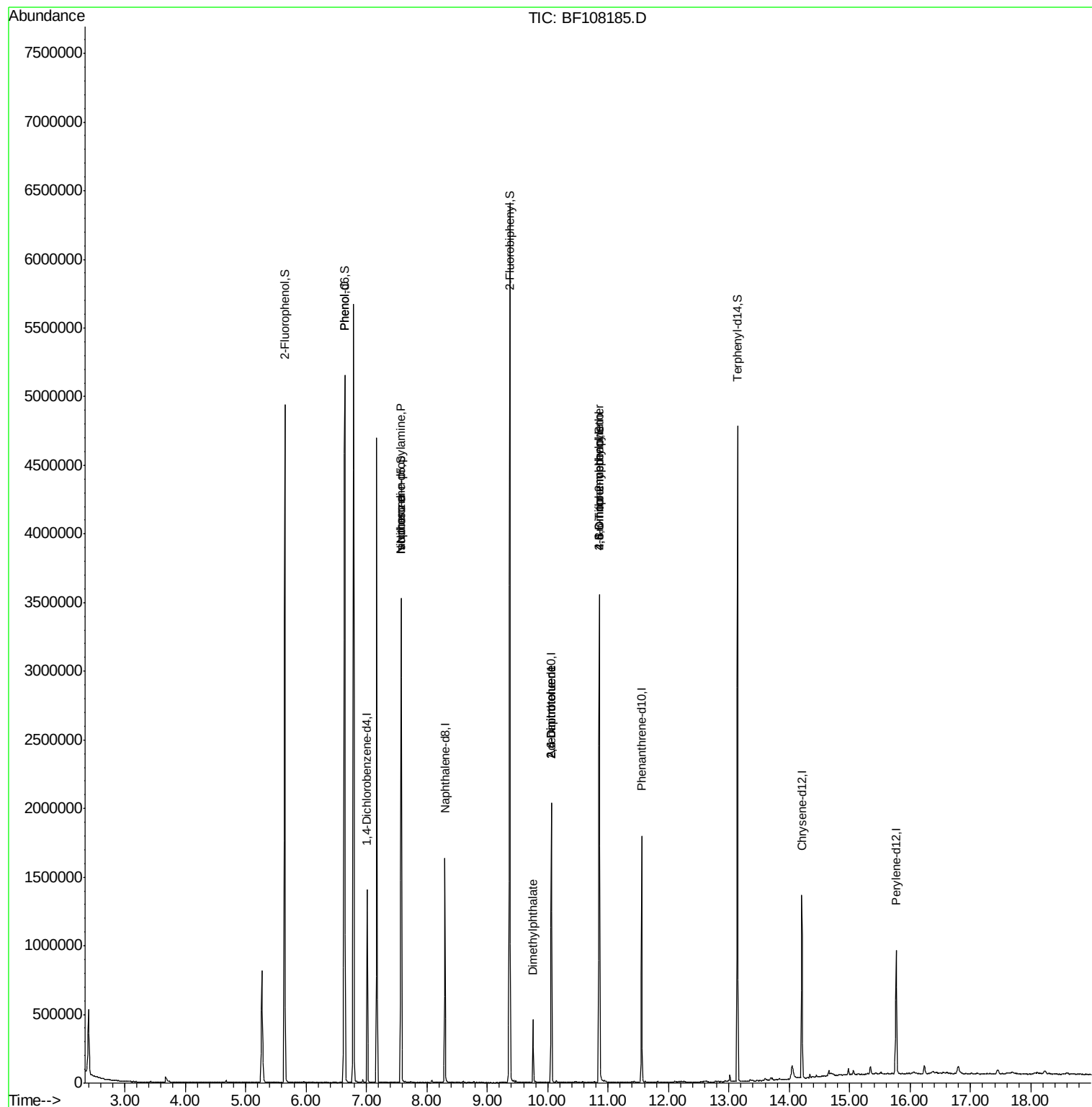
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.65	94	37584	2.437	ng	# 71
19) n-Nitroso-di-n-propylamine	7.58	70	180803	17.932	ng	# 85
25) Isophorone	7.58	82	1313681	49.724	ng	# 64
49) Dimethylphthalate	9.76	163	172204	6.491	ng	# 99
50) 2,6-Dinitrotoluene	10.06	165	48890	8.808	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	48890	6.843	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	874	5.688	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	27905	4.095	ng	# 1

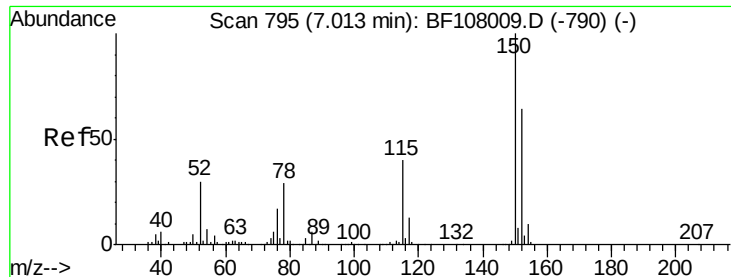
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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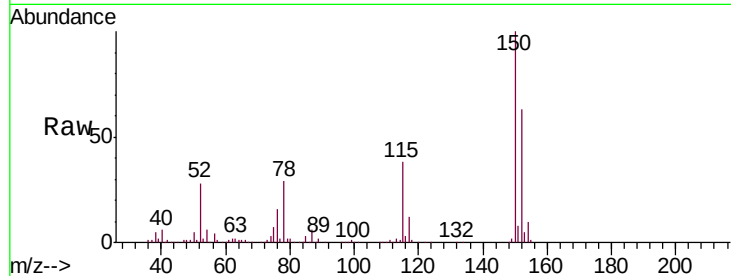


#1

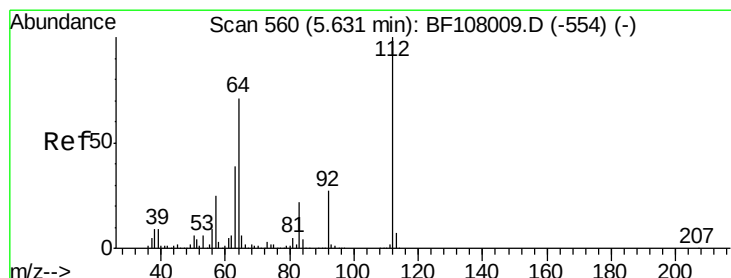
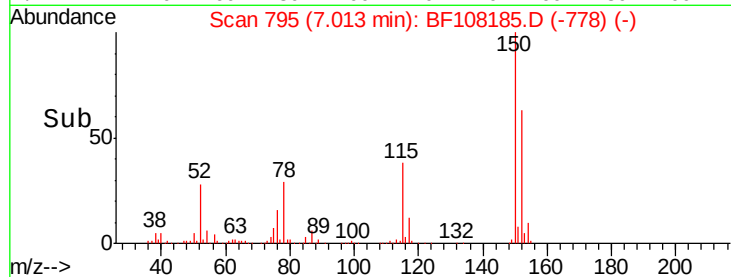
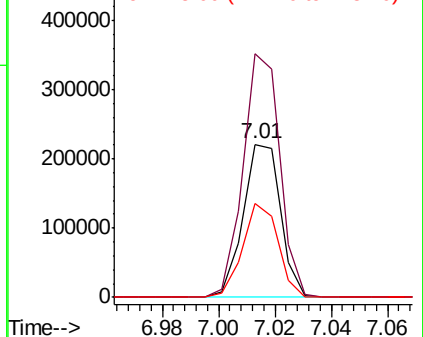
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.6	186.8
115	61.1	50.1	75.1



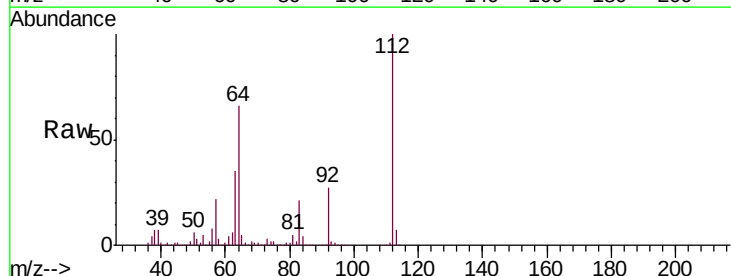
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



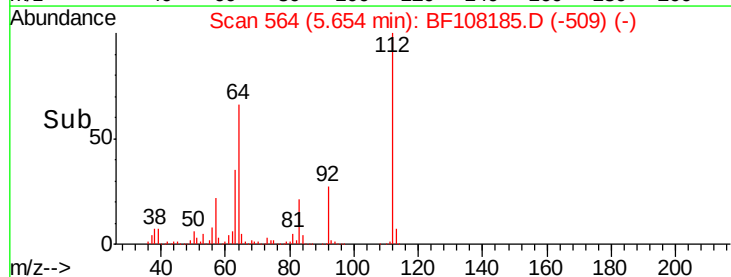
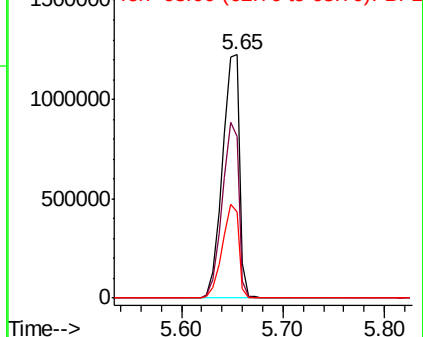
#5

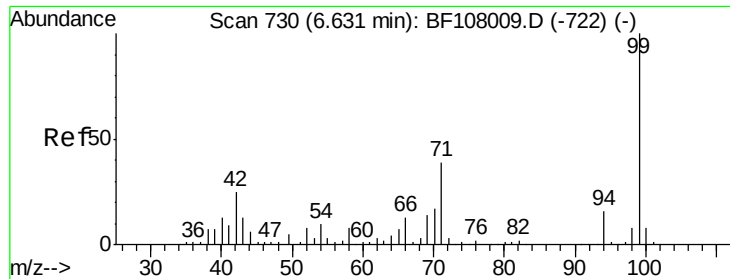
2-Fluorophenol
Concen: 127.887 ng
RT: 5.65 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	35.2	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: 128.460 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

TP-4

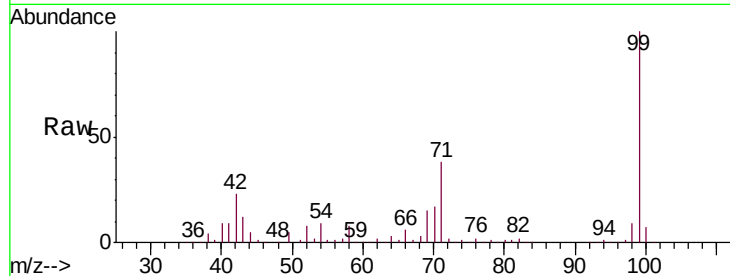
Tgt Ion: 99 Resp: 1915363

Ion Ratio Lower Upper

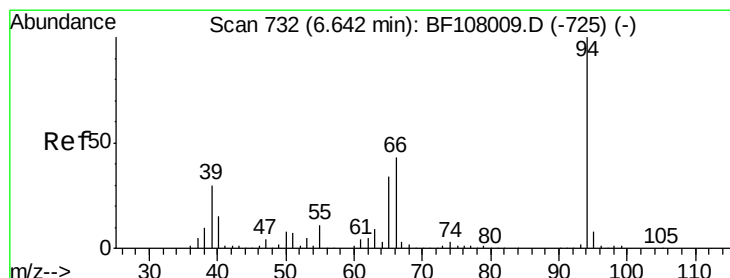
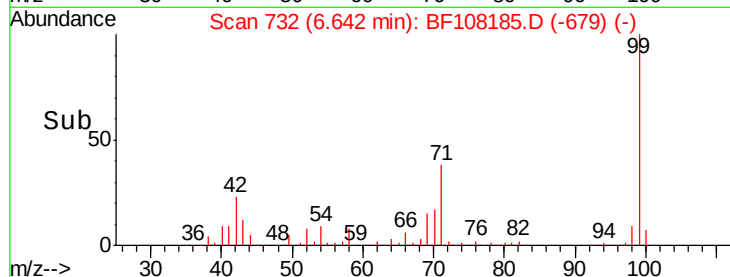
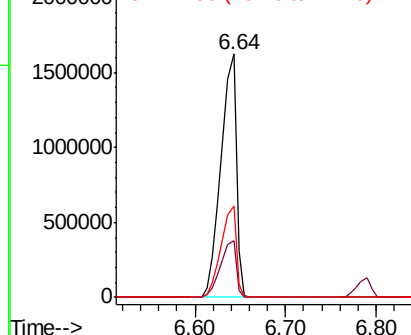
99 100

42 23.5 14.5 21.7#

71 37.7 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



#10

Phenol

Concen: 2.437 ng

RT: 6.65 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

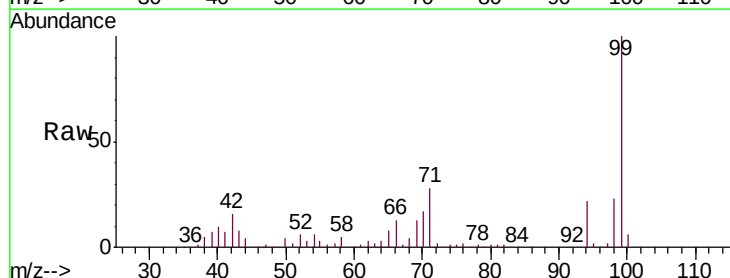
Tgt Ion: 94 Resp: 37584

Ion Ratio Lower Upper

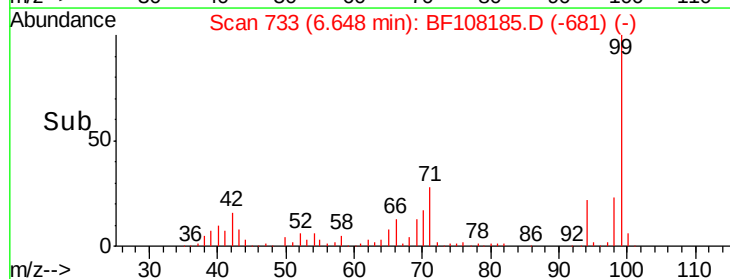
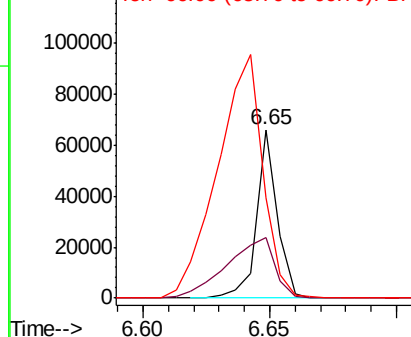
94 100

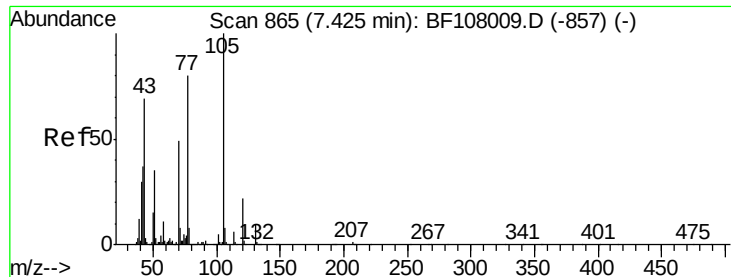
65 35.8 7.9 47.9

66 59.7 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

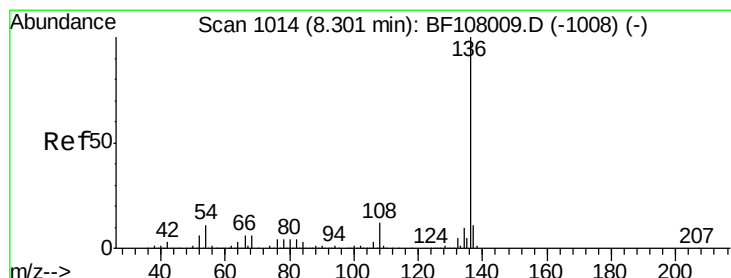
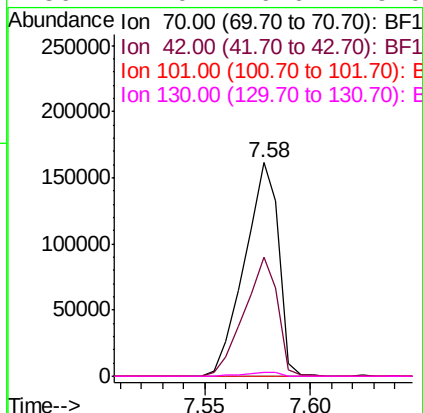
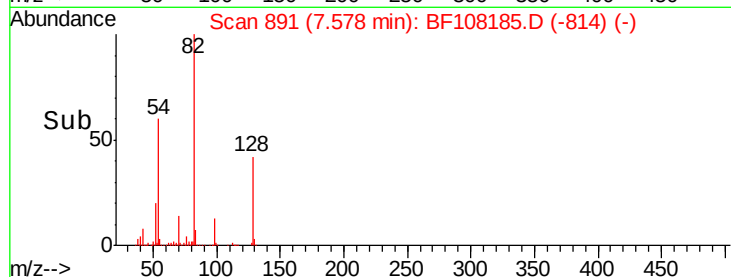
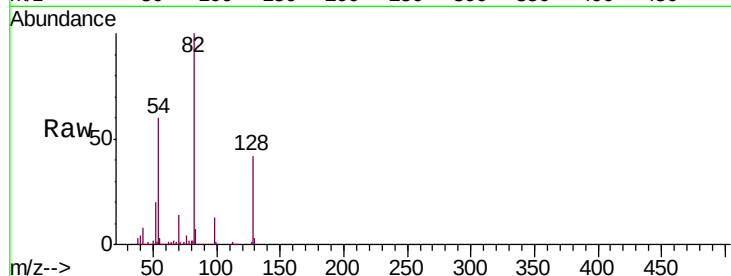




#19
n-Nitroso-di-n-propylamine
Concen: 17.932 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

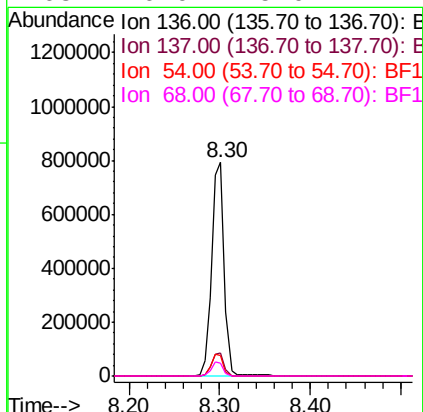
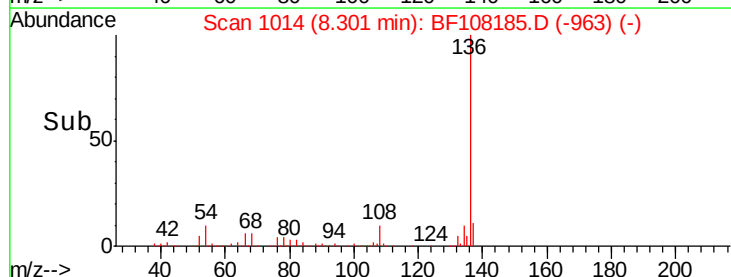
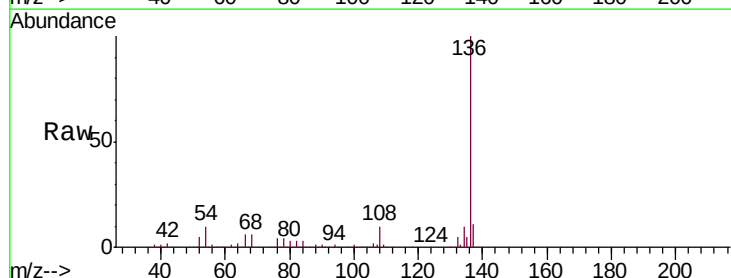
Instrument :
BNA_F
ClientSampleId :
TP-4

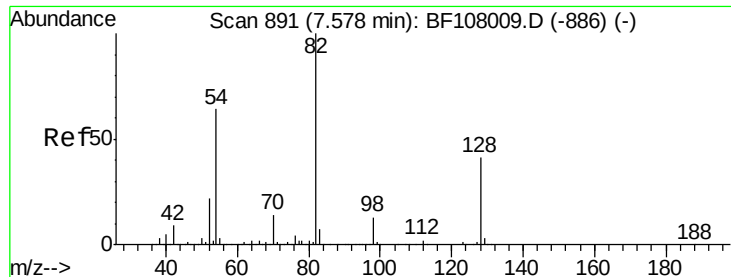
Tgt Ion:	70	Resp:	180803
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108185.D
Acq: 16 Aug 2018 00:18

Tgt Ion:	136	Resp:	773460
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.5	6.6	9.8
68	6.0	5.0	7.4

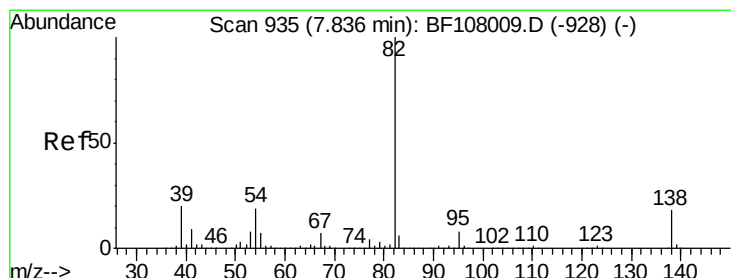
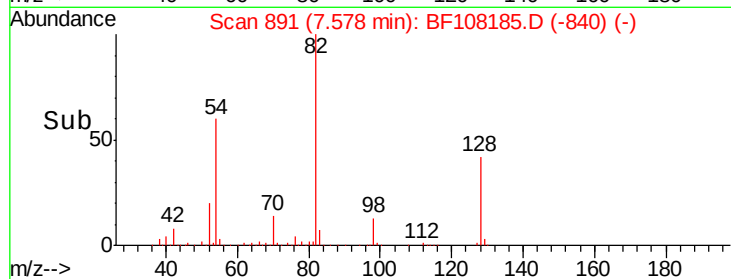
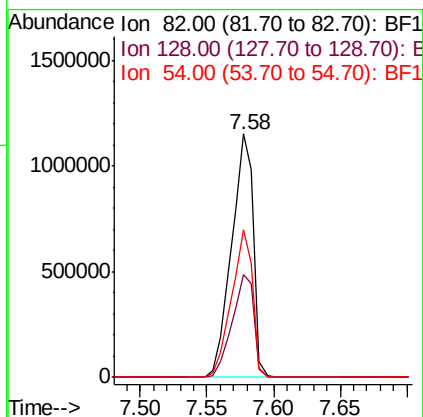
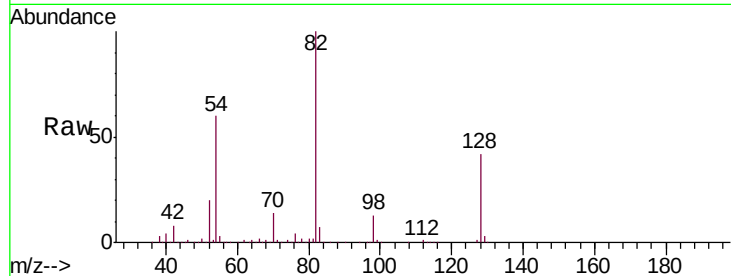




#23
 Nitrobenzene-d5
 Concen: 95.326 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

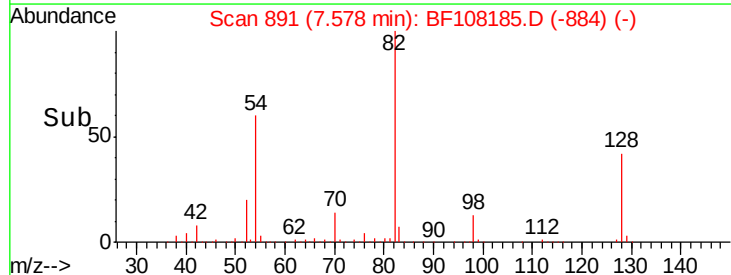
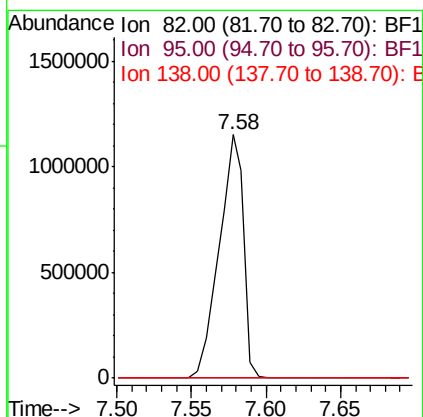
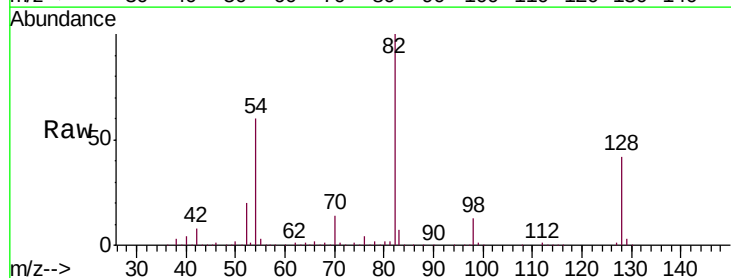
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

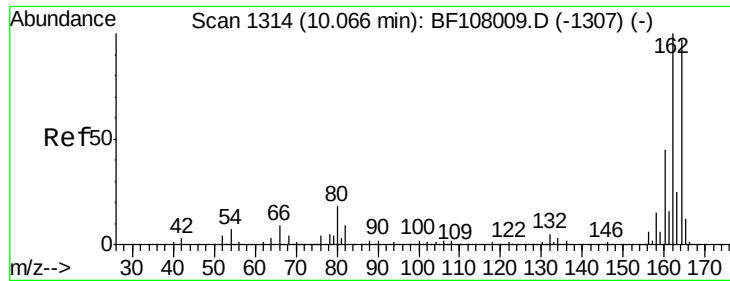
Tgt Ion: 82 Resp: 1321305
 Ion Ratio Lower Upper
 82 100
 128 42.2 36.1 54.1
 54 60.4 41.4 62.2



#25
 Isophorone
 Concen: 49.724 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

Tgt Ion: 82 Resp: 1313681
 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: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

TP-4

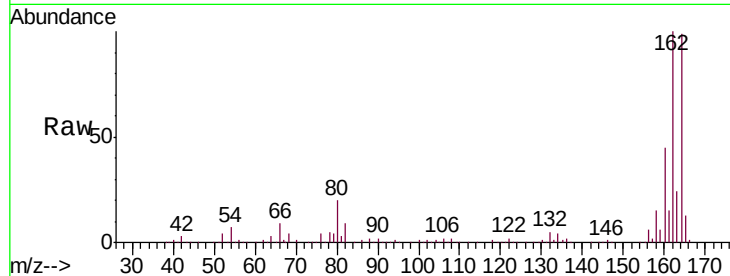
Tgt Ion:164 Resp: 380863

Ion Ratio Lower Upper

164 100

162 101.0 86.1 129.1

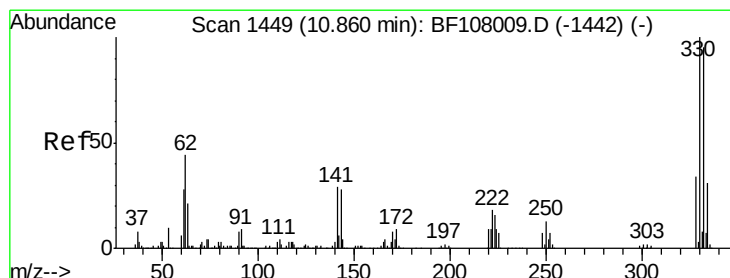
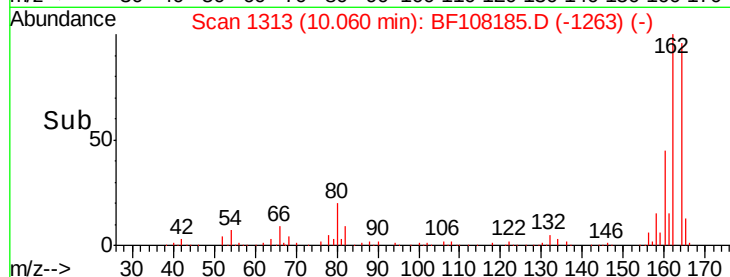
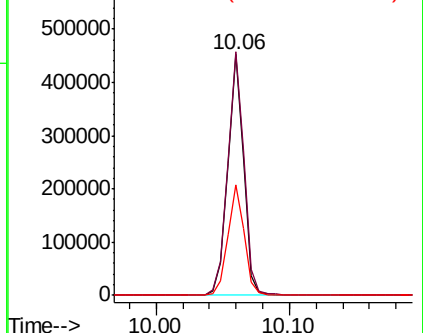
160 45.9 38.3 57.5



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: 109.960 ng

RT: 10.85 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

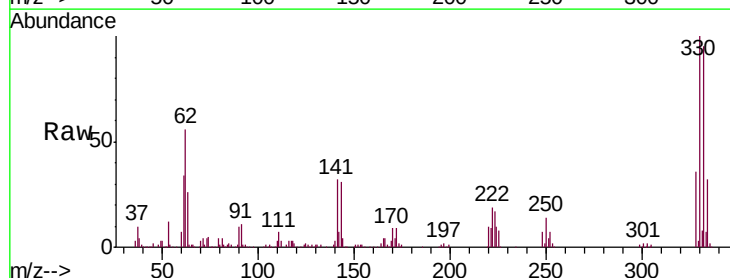
Tgt Ion:330 Resp: 417740

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

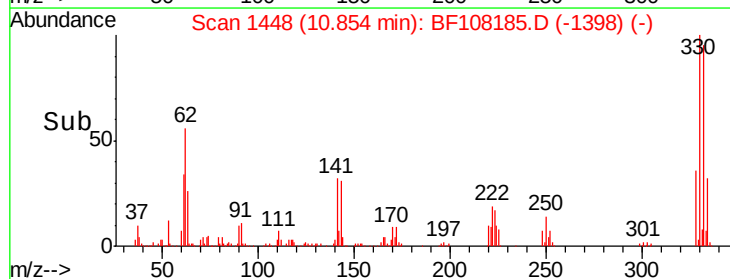
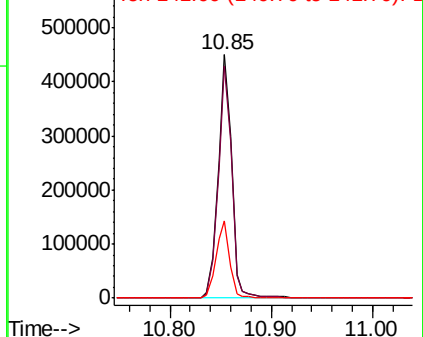
141 32.1 29.9 44.9

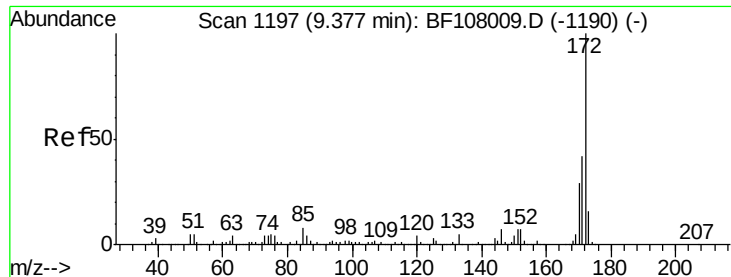


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

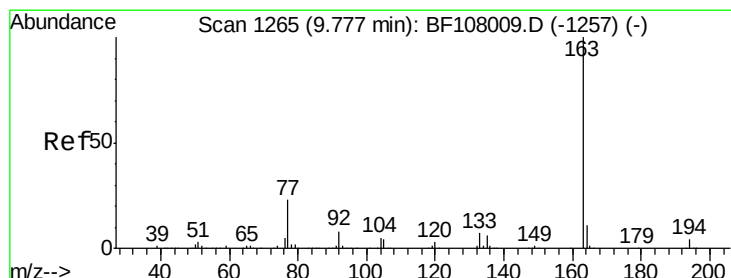
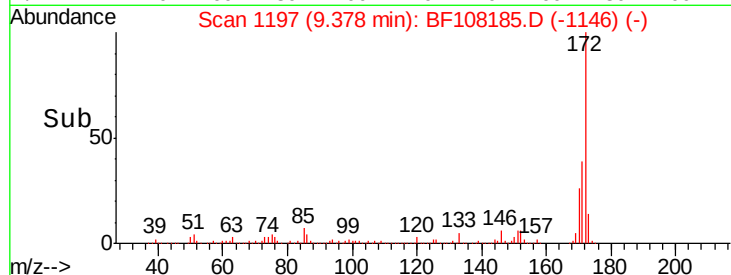
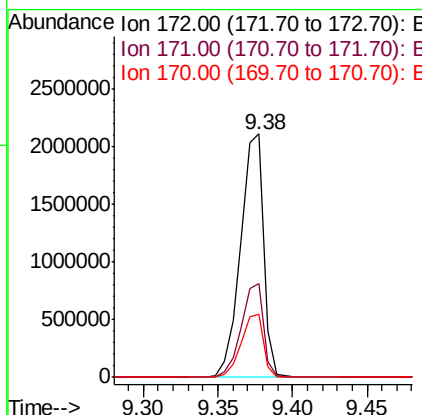
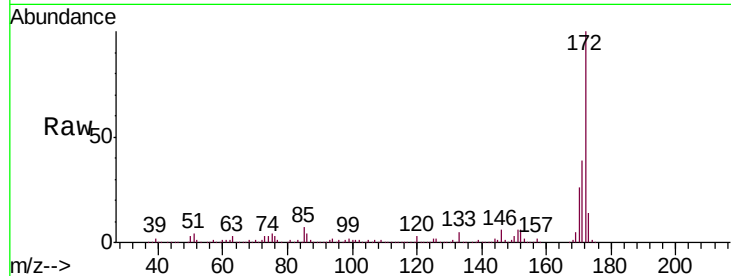




#44
 2-Fluorobiphenyl
 Concen: 96.114 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

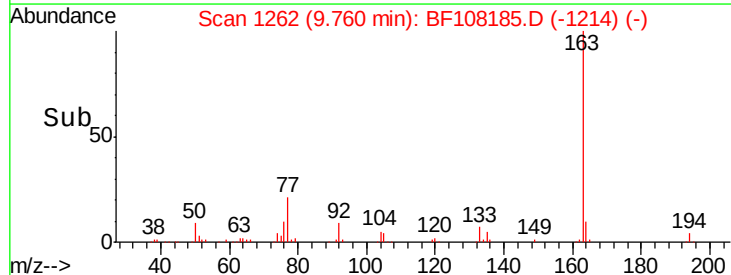
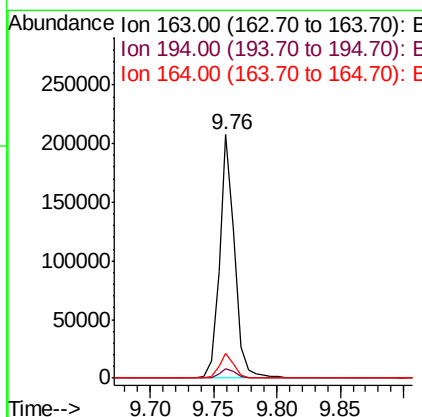
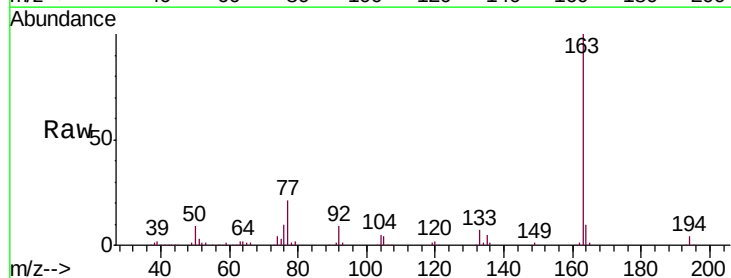
Instrument :
 BNA_F
 ClientSampled :
 TP-4

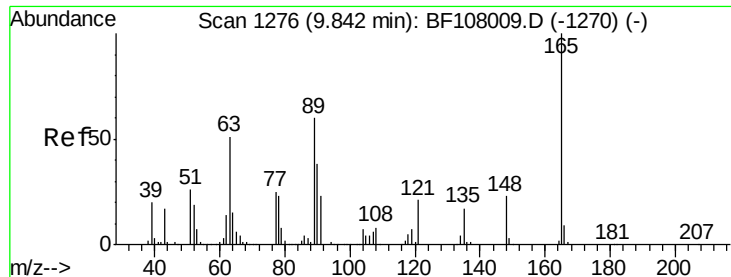
Tgt Ion:172 Resp: 2280104
 Ion Ratio Lower Upper
 172 100
 171 38.7 29.7 44.5
 170 25.9 19.6 29.4



#49
 Dimethylphthalate
 Concen: 6.491 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

Tgt Ion:163 Resp: 172204
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.9 8.2 12.2

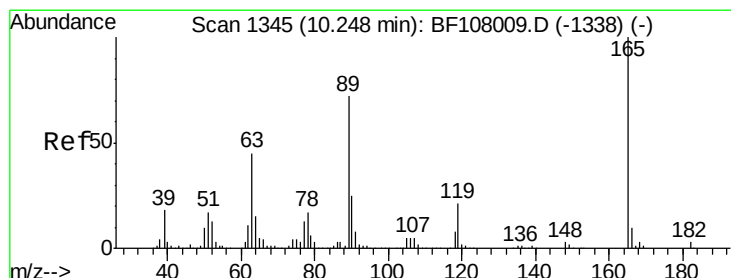
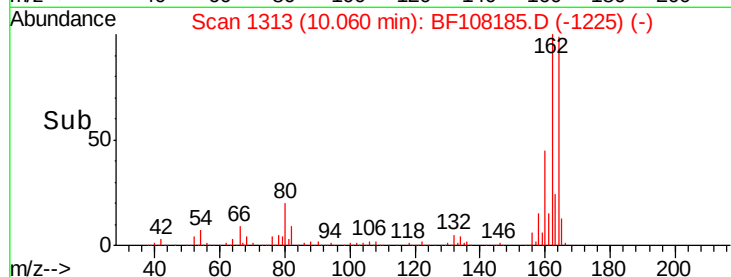
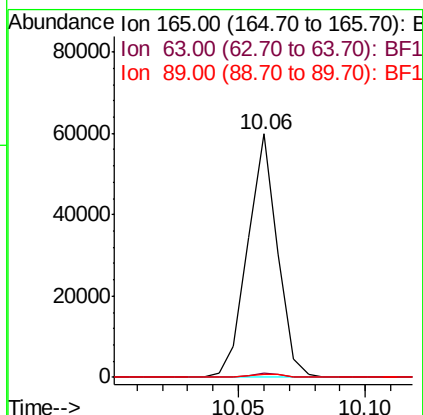
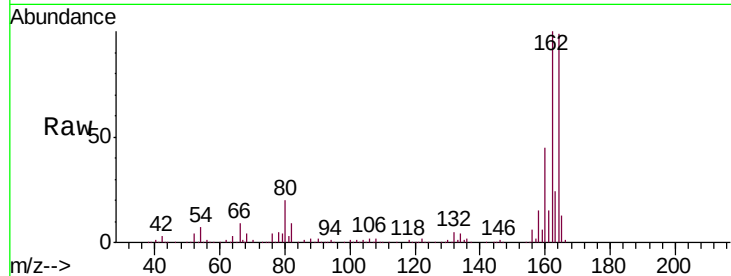




#50
 2,6-Dinitrotoluene
 Concen: 8.808 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

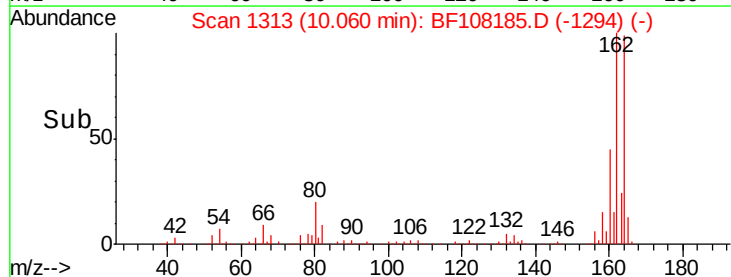
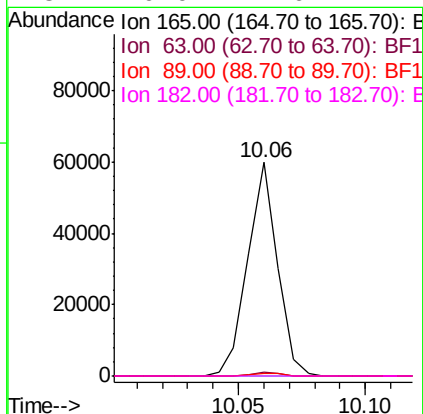
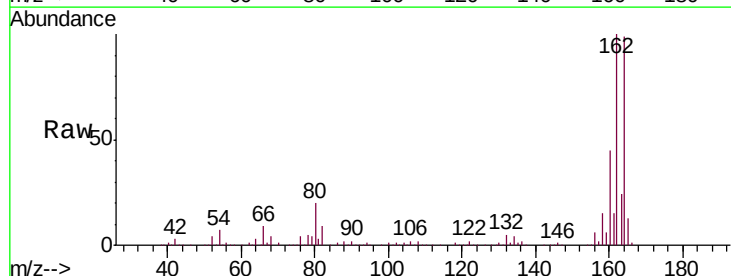
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

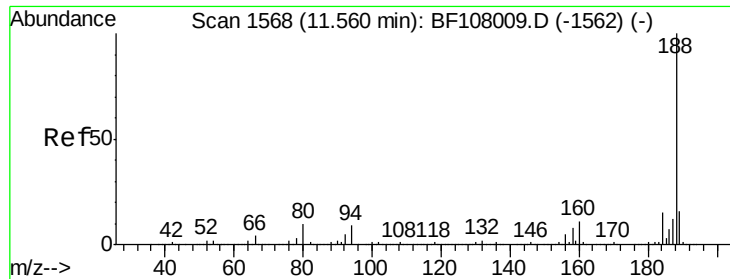
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.843 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

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

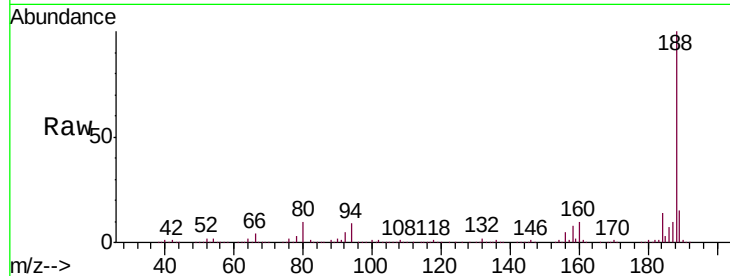




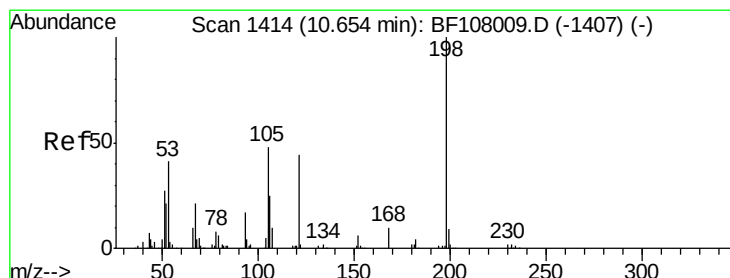
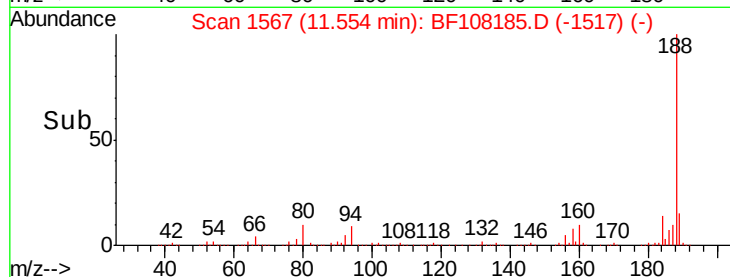
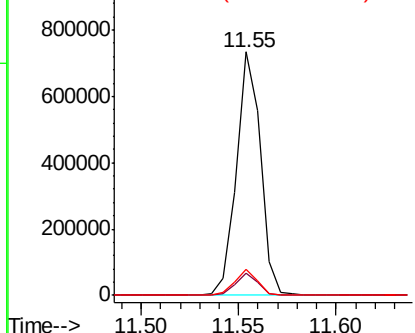
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:188 Resp: 627125
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 10.4 9.2 13.8

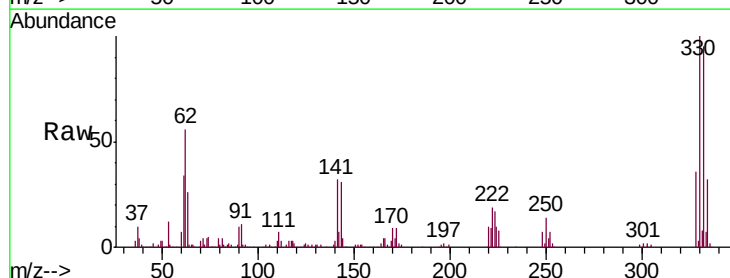


Abundance Ion 188.00 (187.70 to 188.70): E
 1000000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

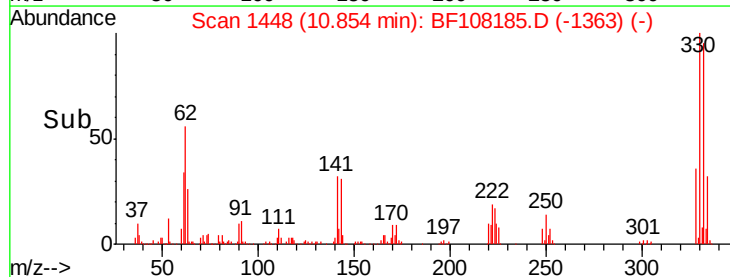
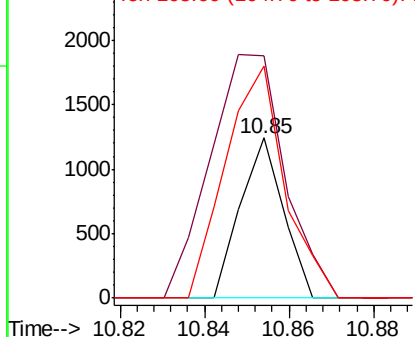


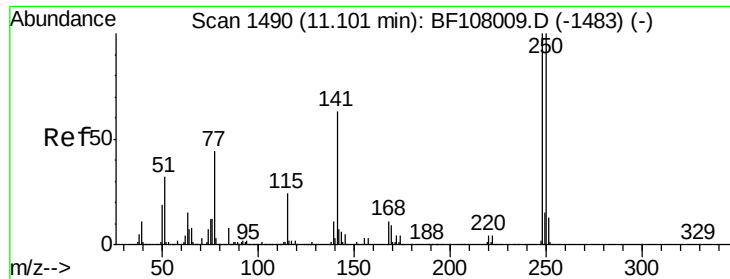
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.688 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

Tgt Ion:198 Resp: 874
 Ion Ratio Lower Upper
 198 100
 51 151.3 37.7 77.7#
 105 145.4 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
 2500
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

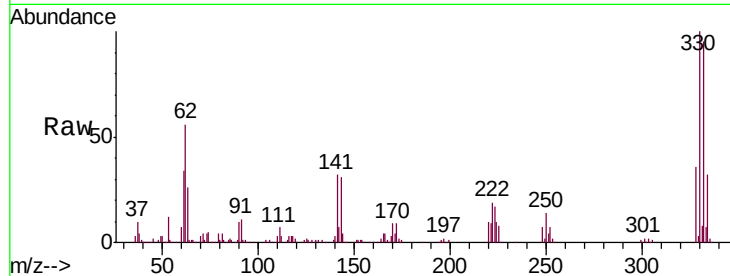




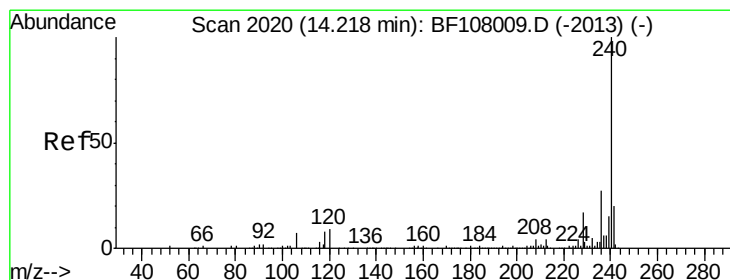
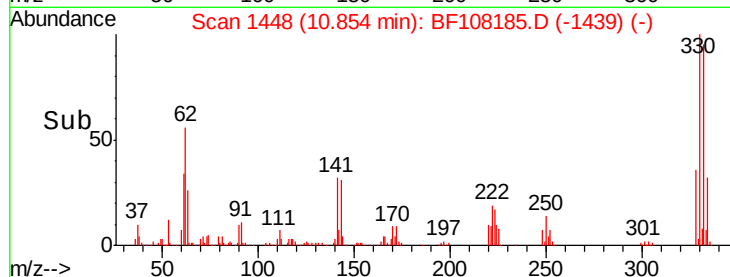
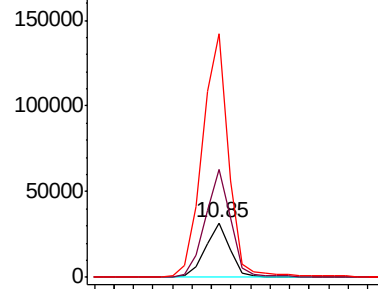
#66
 4-Bromophenyl-phenylether
 Concen: 4.095 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:248 Resp: 27905
 Ion Ratio Lower Upper
 248 100
 250 197.4 76.9 115.3#
 141 444.9 74.4 111.6#

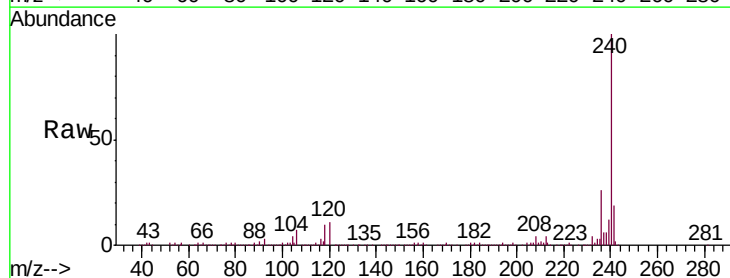


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

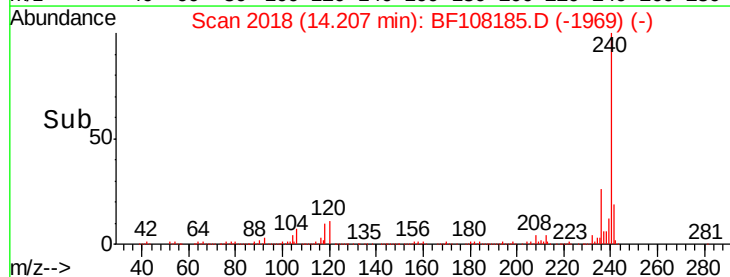
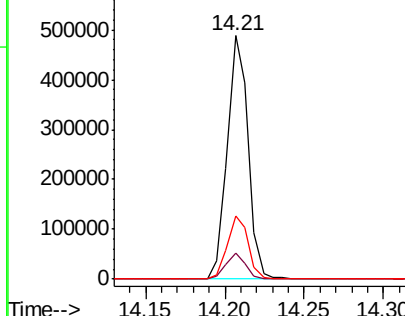


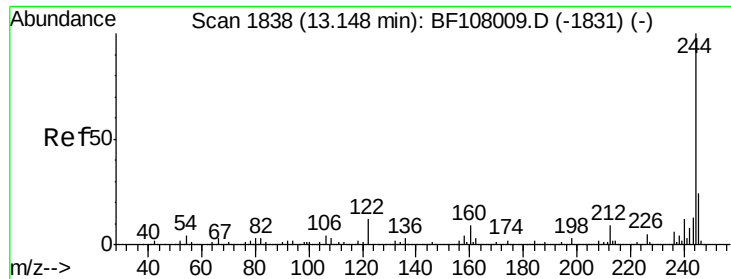
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF108185.D
 Acq: 16 Aug 2018 00:18

Tgt Ion:240 Resp: 444005
 Ion Ratio Lower Upper
 240 100
 120 10.9 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: 102.636 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

Instrument :

BNA_F

ClientSampleId :

TP-4

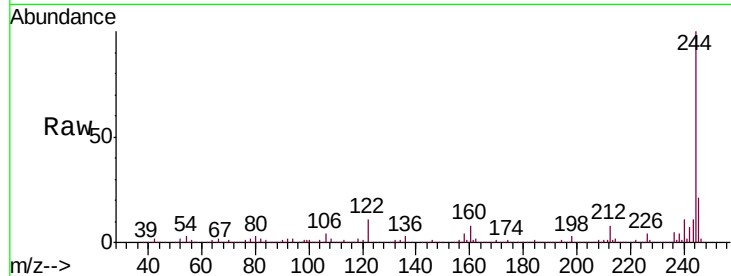
Tgt Ion:244 Resp: 1792321

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

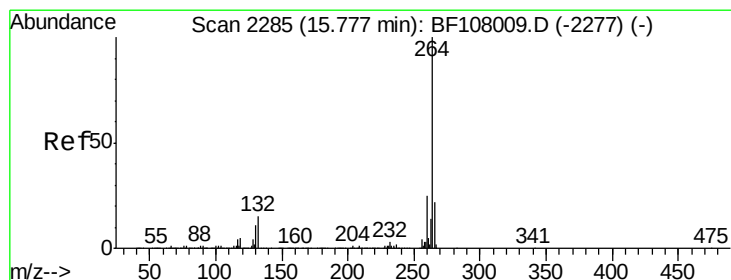
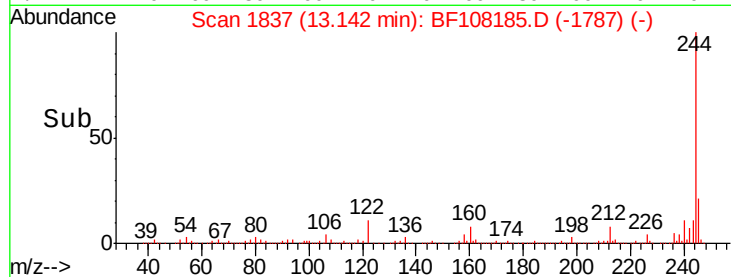
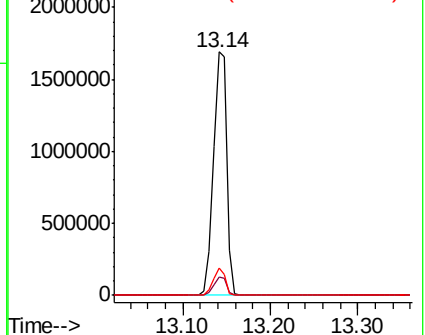
122 11.4 11.0 16.4



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108185.D

Acq: 16 Aug 2018 00:18

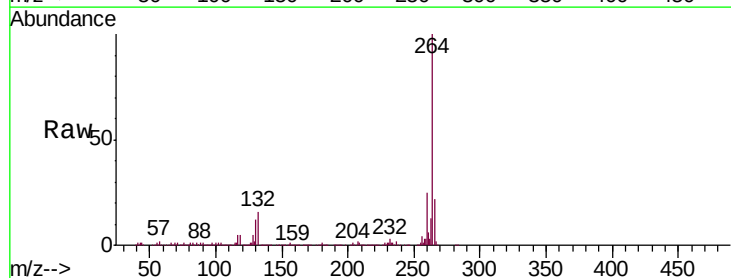
Tgt Ion:264 Resp: 447125

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 22.1 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

