

Data File : BF108884.D
Acq On : 8 Sep 2018 2:18
Operator : JU/SJ
Sample : J4811-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

Quant Time: Sep 08 03:11:11 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	200469	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	714488	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	304542	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	482646	20.00	ng	0.00
75) Chrysene-d12	13.87	240	455304	20.00	ng	0.00
86) Perylene-d12	15.27	264	486187	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	561697	46.42	ng	0.00
7) Phenol-d6	6.36	99	454697	29.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	1293431	113.29	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	255299	87.81	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2001666	112.13	ng	0.00
78) Terphenyl-d14	12.82	244	1575181	80.68	ng	0.00

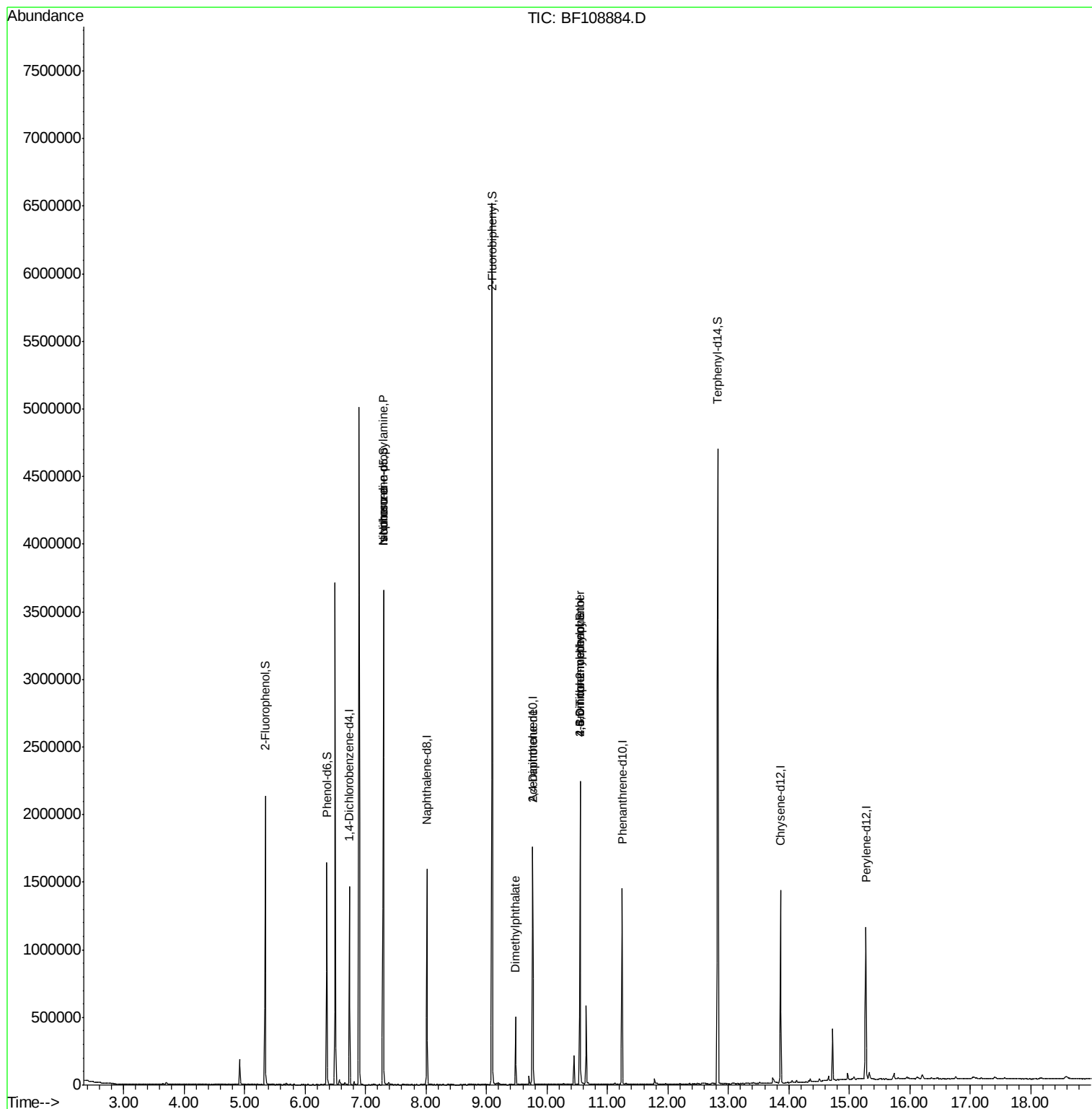
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.30	70	177113	16.365	ng	# 77
25) Isophorone	7.30	82	1285474	56.447	ng	# 64
49) Dimethylphthalate	9.48	163	179588	8.431	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	39434	7.597	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	448	7.071	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	15665	2.874	ng	# 1

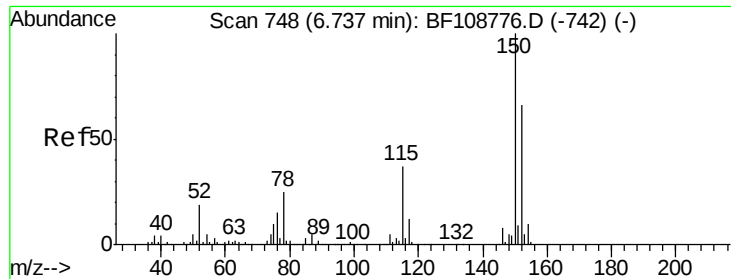
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BF108884.D
Acq On : 8 Sep 2018 2:18
Operator : JU/SJ
Sample : J4811-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

Quant Time: Sep 08 03:11:11 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



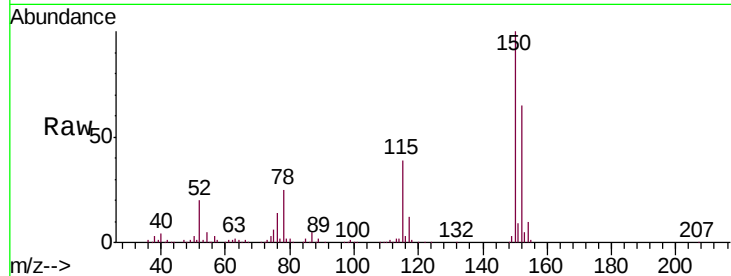


#1

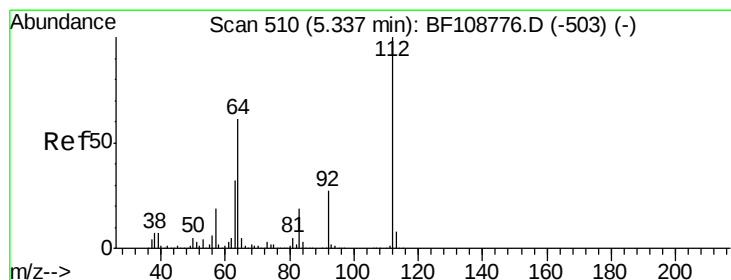
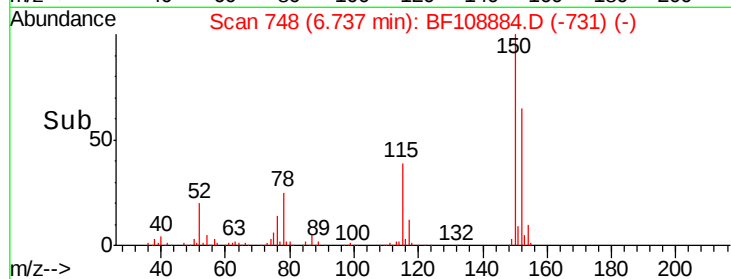
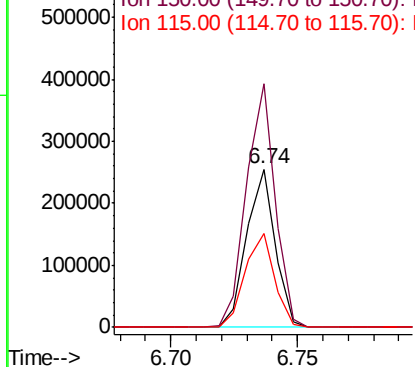
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.6	186.8
115	59.7	50.1	75.1



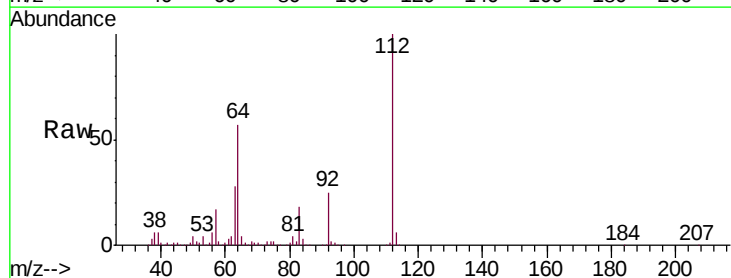
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



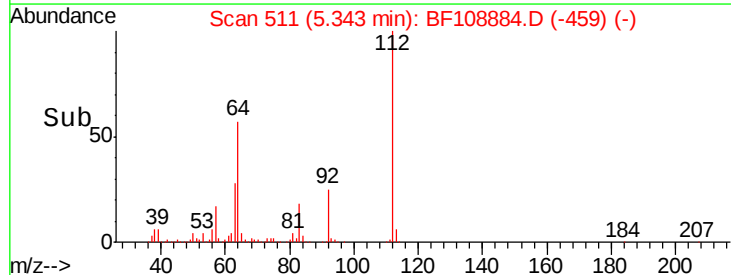
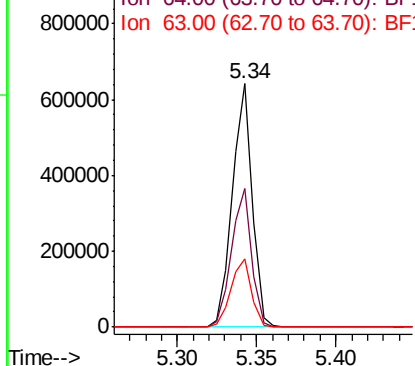
#5

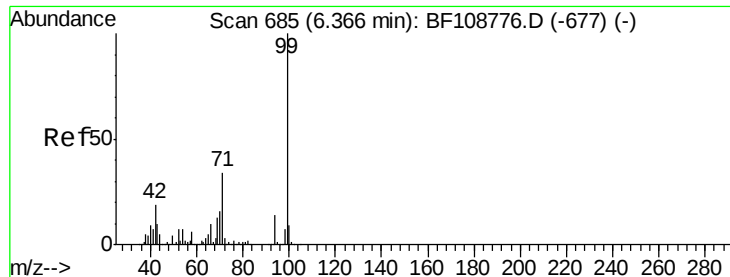
2-Fluorophenol
Concen: 46.418 ng
RT: 5.34 min Scan# 511
Delta R.T. 0.01 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	28.2	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: 29.204 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108884.D

Acq: 8 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-D-M

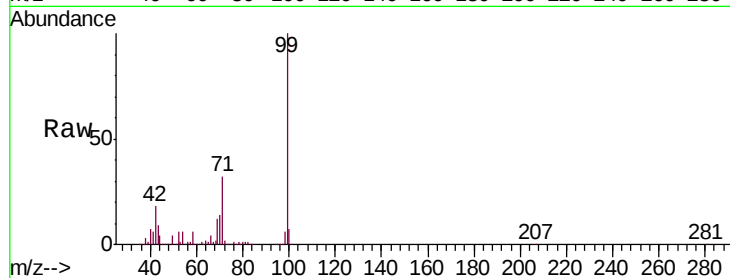
Tgt Ion: 99 Resp: 454697

Ion Ratio Lower Upper

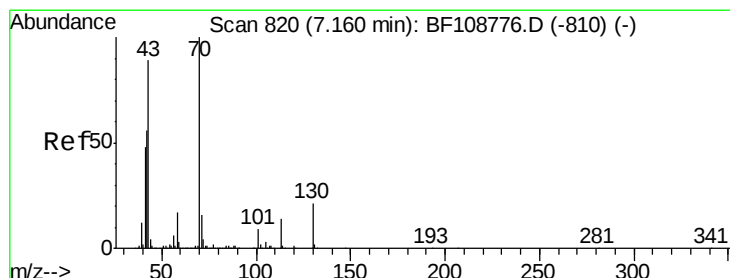
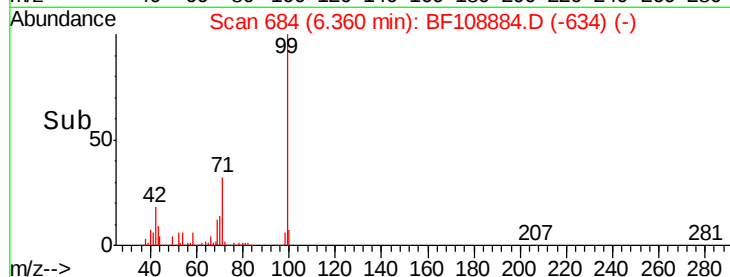
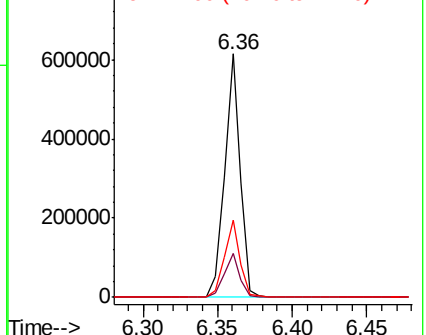
99 100

42 18.0 14.5 21.7

71 31.7 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.365 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108884.D

Acq: 8 Sep 2018 2:18

Tgt Ion: 70 Resp: 177113

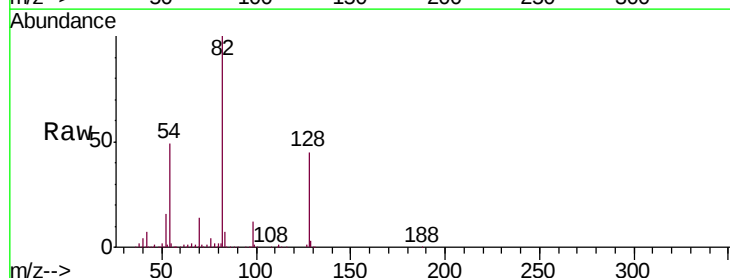
Ion Ratio Lower Upper

70 100

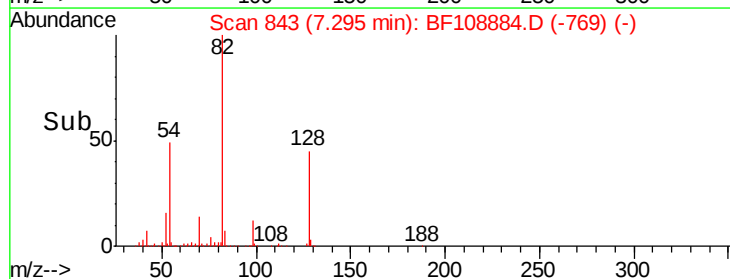
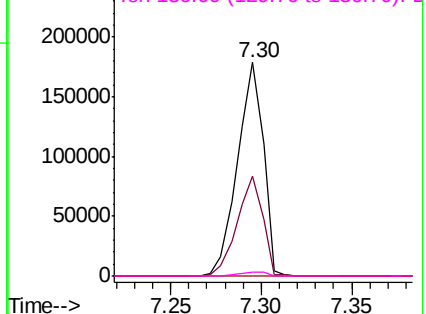
42 46.5 47.5 71.3#

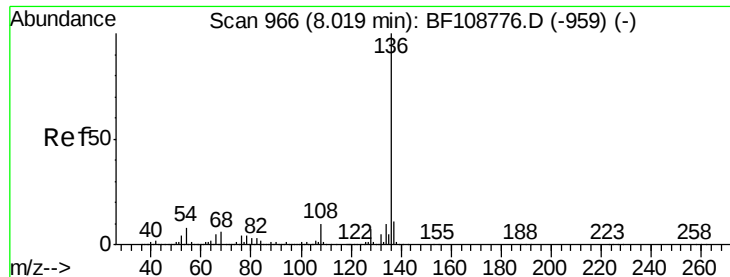
101 0.0 7.4 11.2#

130 1.9 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

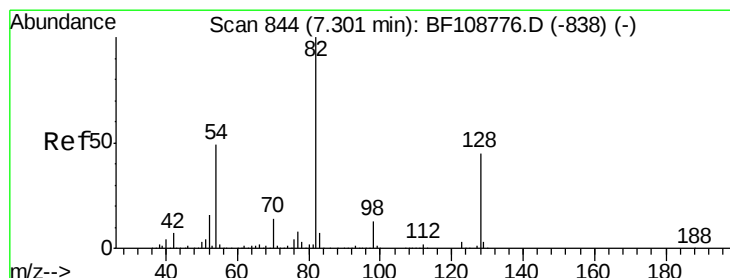
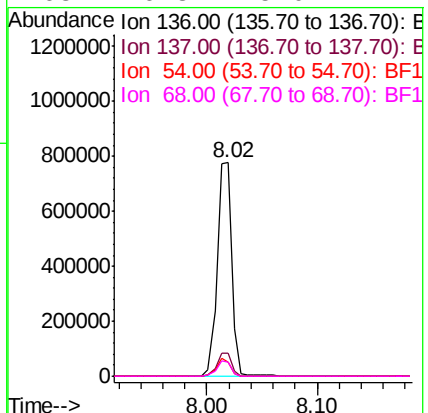
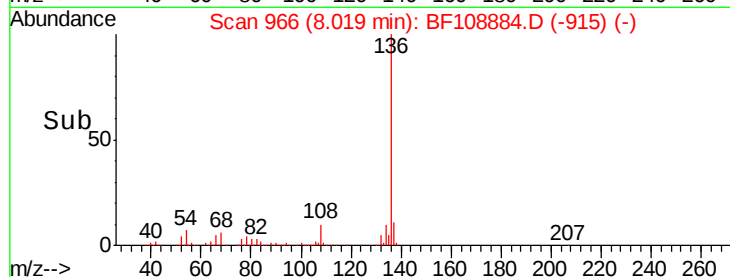
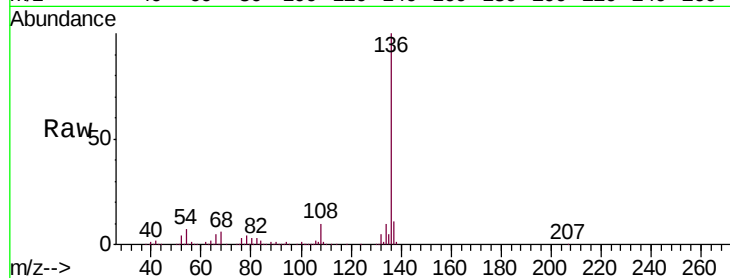




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

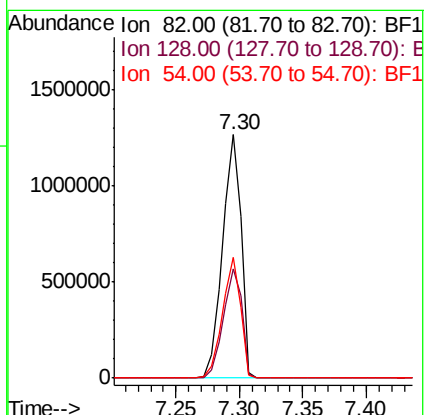
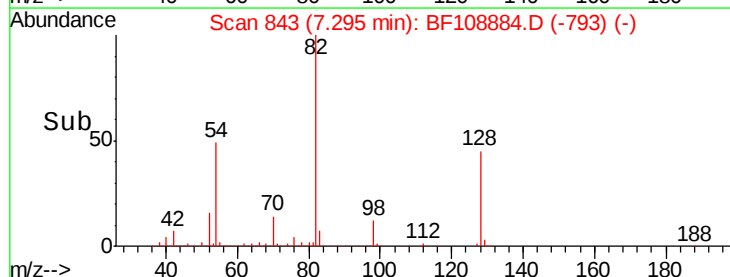
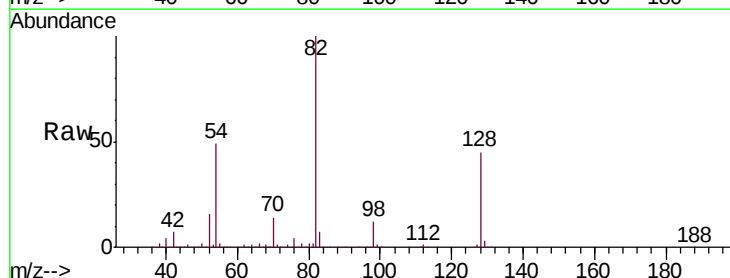
Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

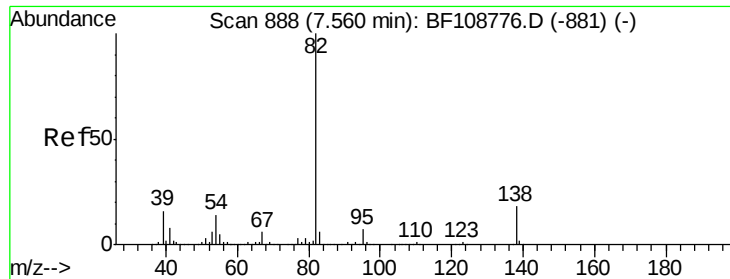
Tgt Ion:	136	Resp:	714488
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 113.290 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Tgt Ion:	82	Resp:	1293431
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	49.4	41.4	62.2





#25

Isophorone

Concen: 56.447 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108884.D

Acq: 8 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-D-M

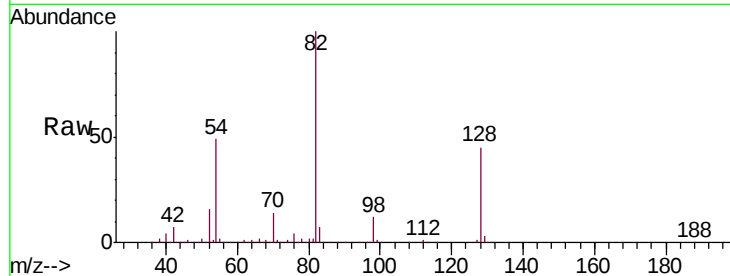
Tgt Ion: 82 Resp: 1285474

Ion Ratio Lower Upper

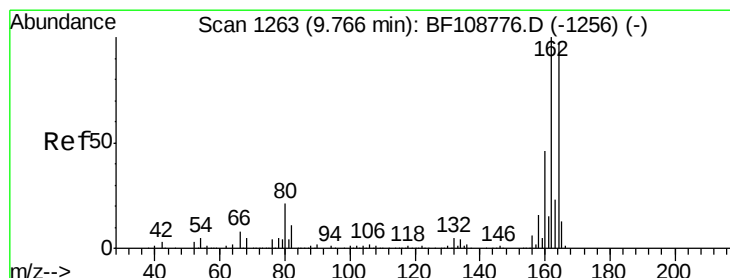
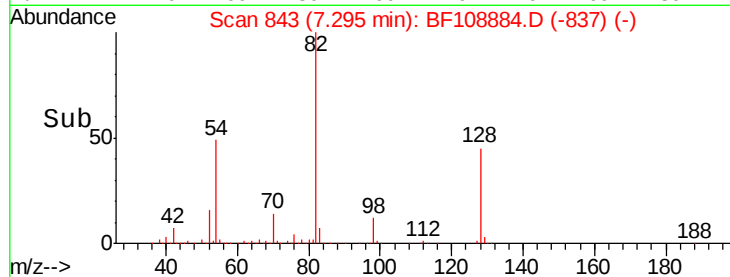
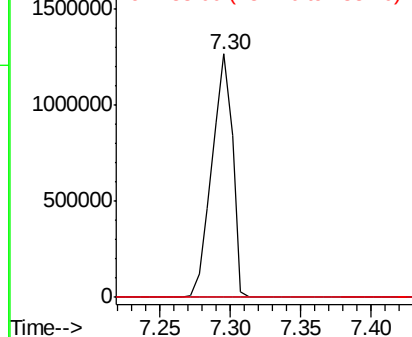
82 100

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): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF108884.D

Acq: 8 Sep 2018 2:18

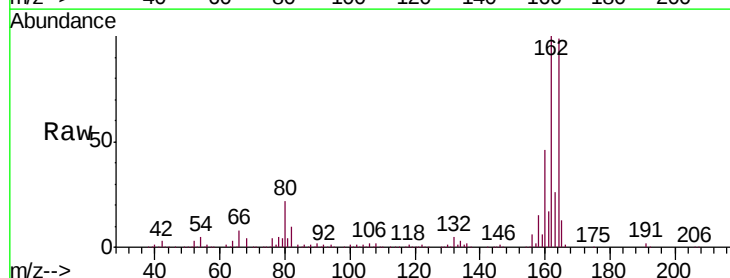
Tgt Ion: 164 Resp: 304542

Ion Ratio Lower Upper

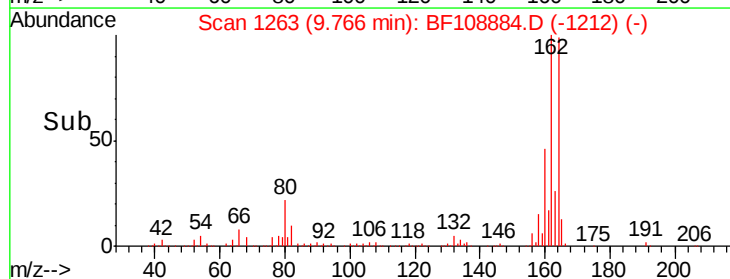
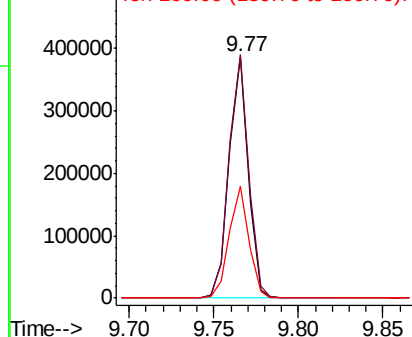
164 100

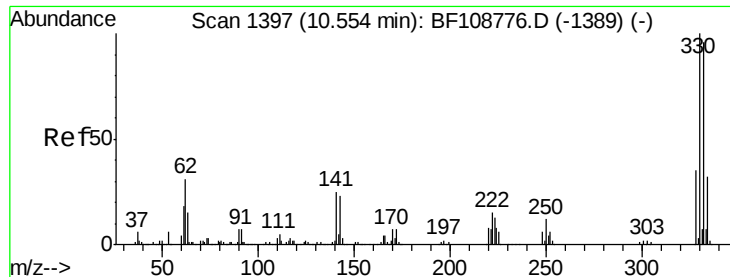
162 101.0 86.1 129.1

160 46.1 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

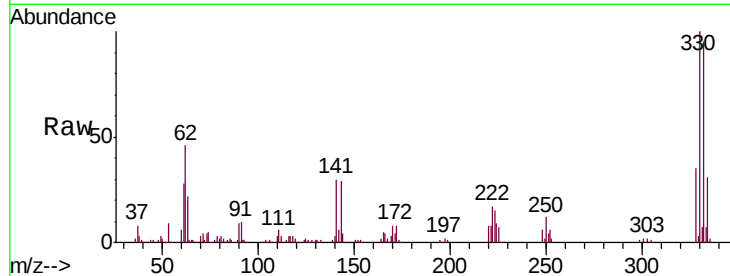




#41
 2,4,6-Tribromophenol
 Concen: 87.813 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108884.D
 Acq: 8 Sep 2018 2:18

Instrument :
 BNA_F
 ClientSampleId :
 090518-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	32.4	29.9	44.9

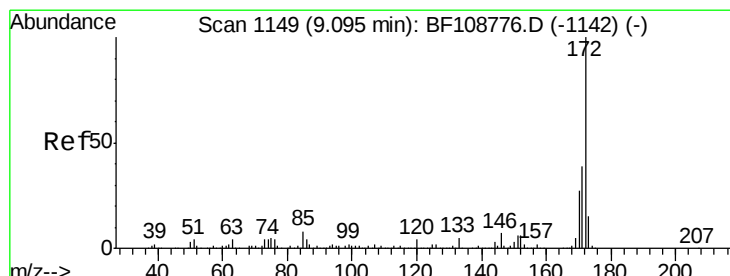
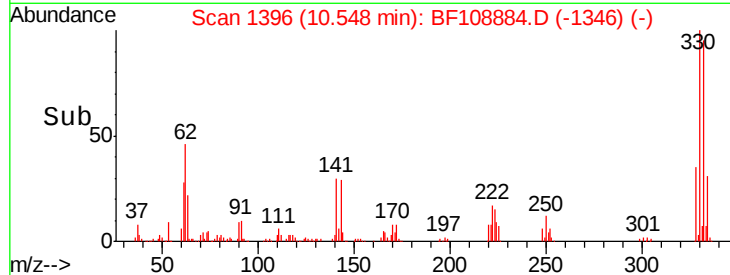
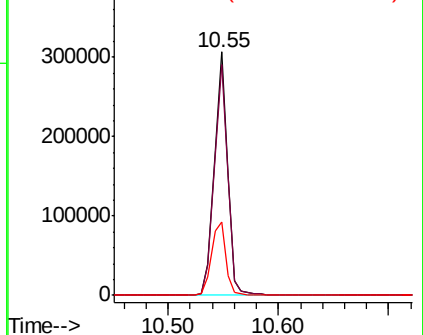


Abundance

Ion 329.80 (329.50 to 330.50): E

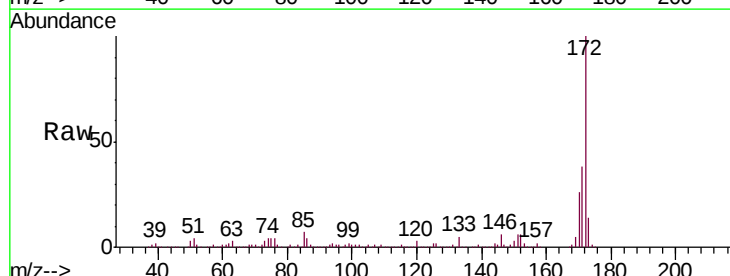
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 112.129 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108884.D
 Acq: 8 Sep 2018 2:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.7	44.5
170	26.0	19.6	29.4

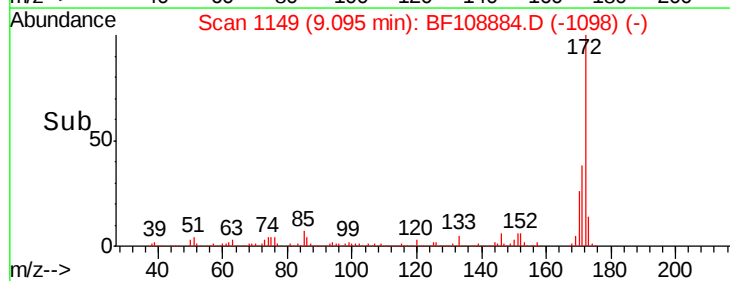
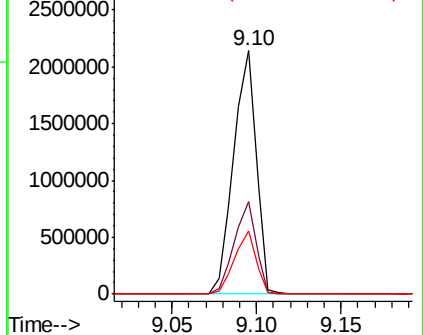


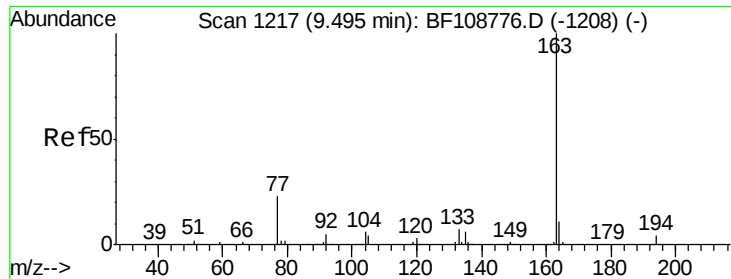
Abundance

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

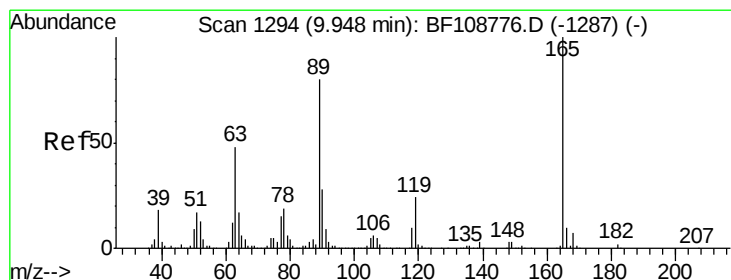
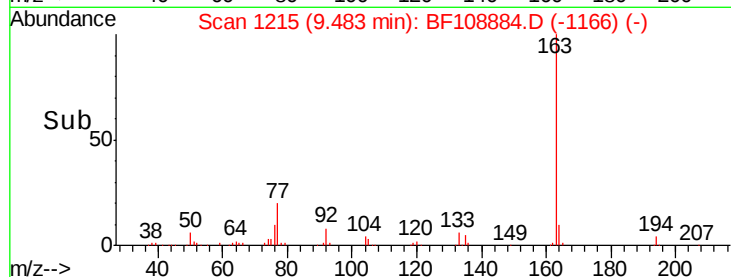
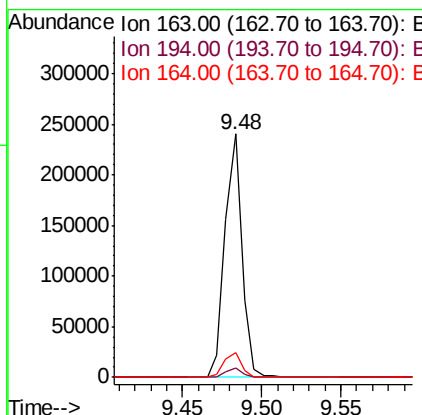
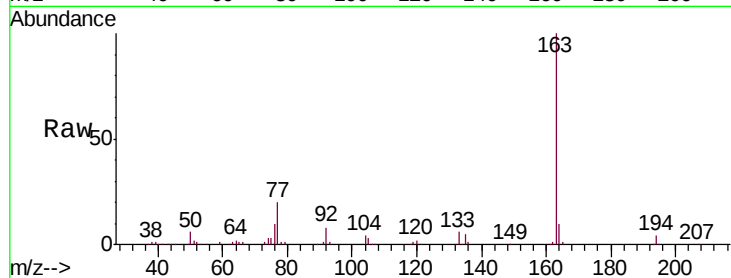




#49
Dimethylphthalate
Concen: 8.431 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

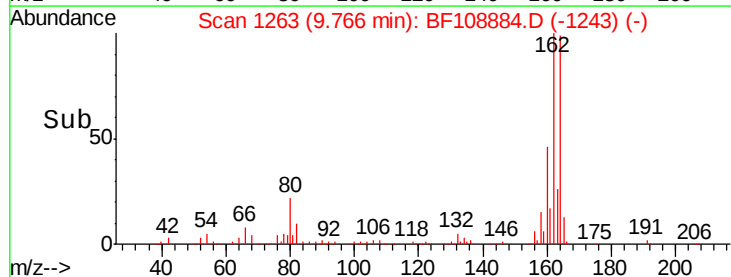
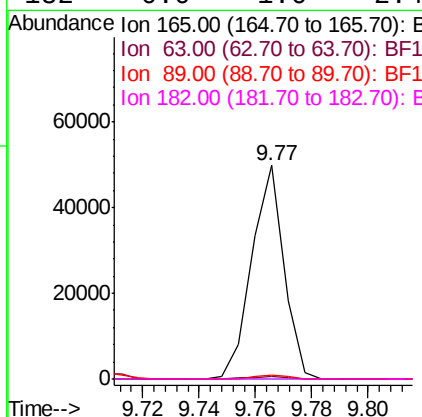
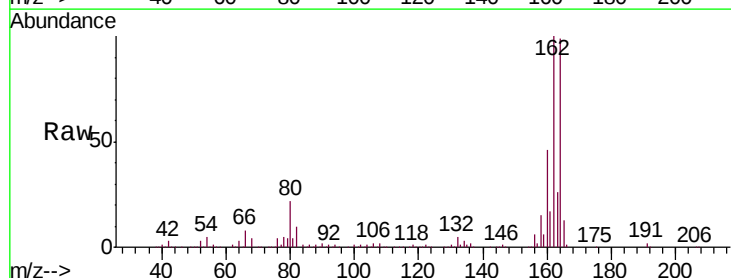
Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

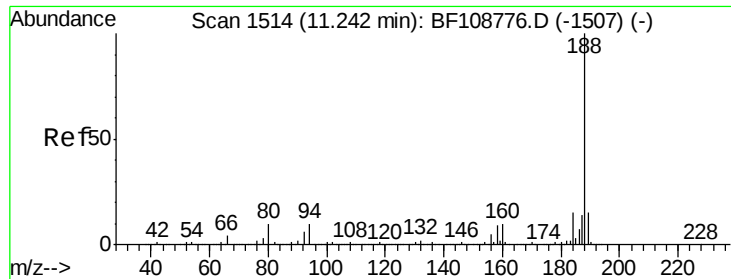
Tgt Ion:163 Resp: 179588
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.3 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 7.597 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.18 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Tgt Ion:165 Resp: 39434
Ion Ratio Lower Upper
165 100
63 1.3 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#

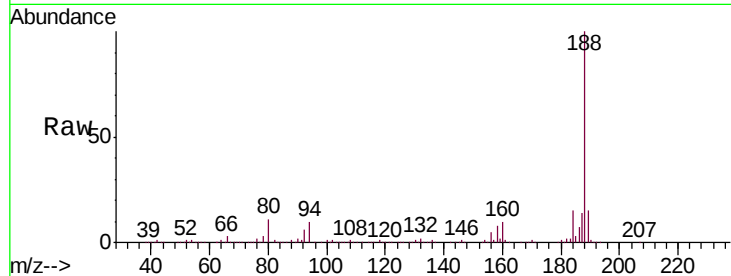




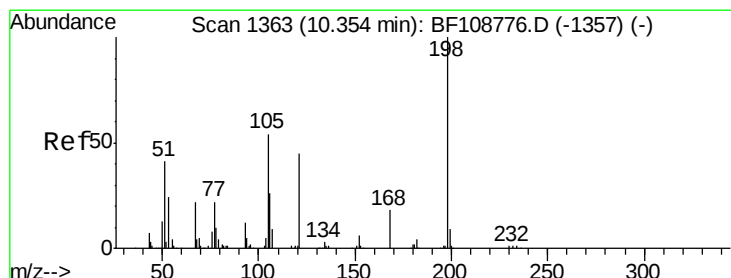
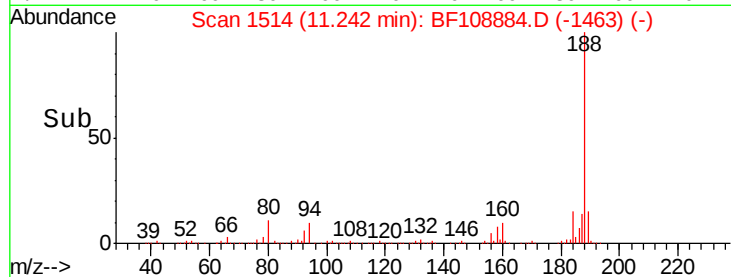
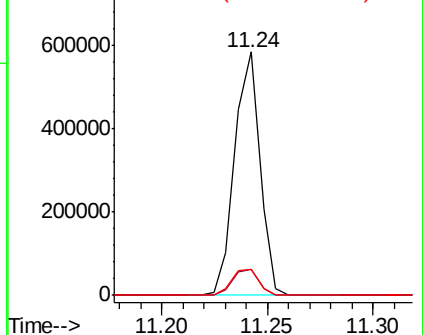
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

Tgt Ion:188 Resp: 482646
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.7 9.2 13.8

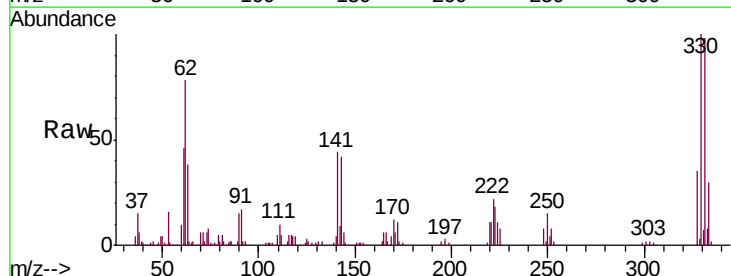


Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

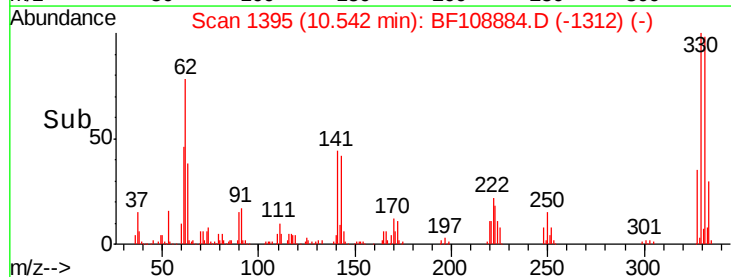
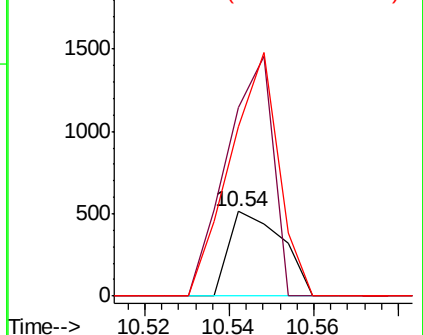


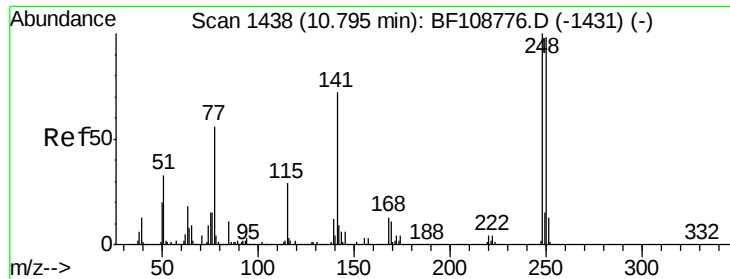
#64
4,6-Dinitro-2-methylphenol
Concen: 7.071 ng
RT: 10.54 min Scan# 1395
Delta R.T. 0.19 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Tgt Ion:198 Resp: 448
Ion Ratio Lower Upper
198 100
51 222.3 37.7 77.7#
105 199.6 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
2000
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

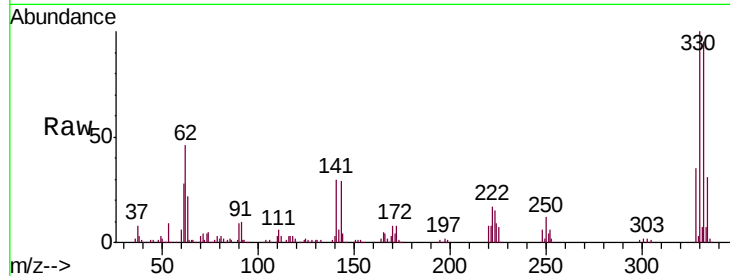




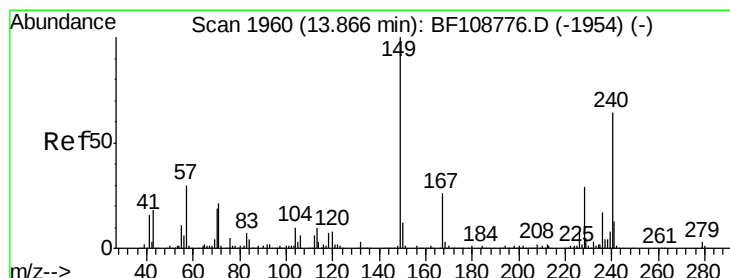
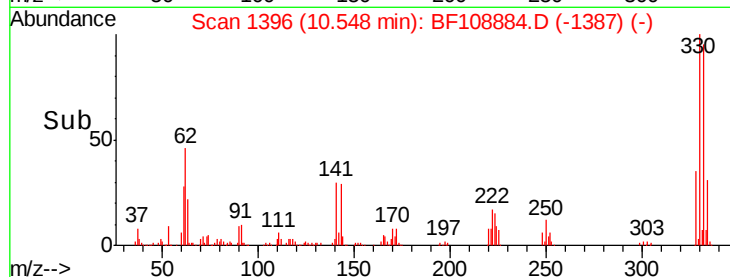
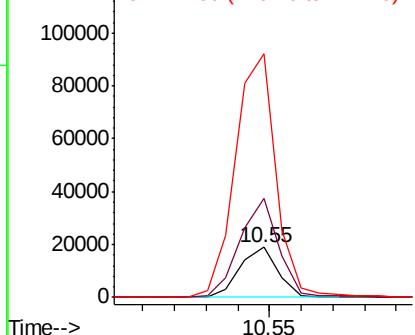
#66
4-Bromophenyl-phenylether
Concen: 2.874 ng
RT: 10.55 min Scan# 1396
Delta R.T. -0.25 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Instrument :
BNA_F
ClientSampleId :
090518-TIPC-E-D-M

Tgt Ion: 248 Resp: 15665
Ion Ratio Lower Upper
248 100
250 198.7 76.9 115.3#
141 486.6 74.4 111.6#

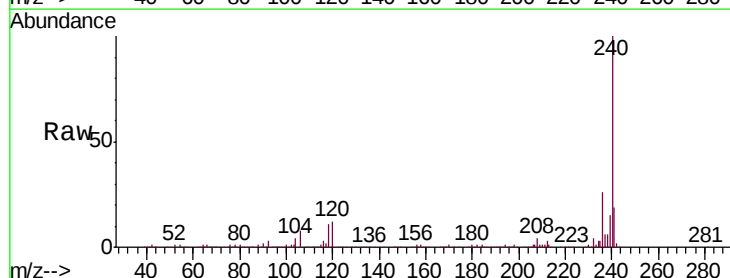


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

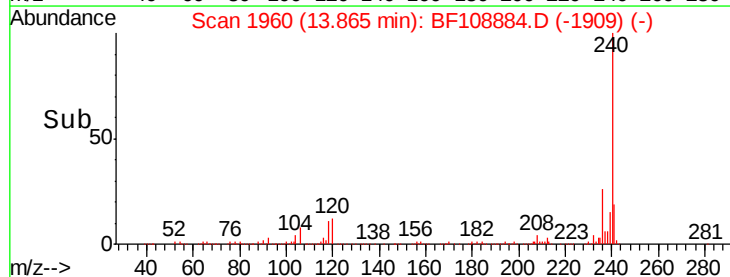
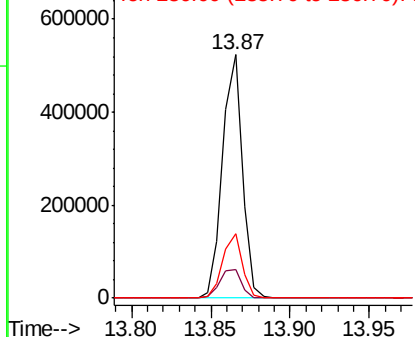


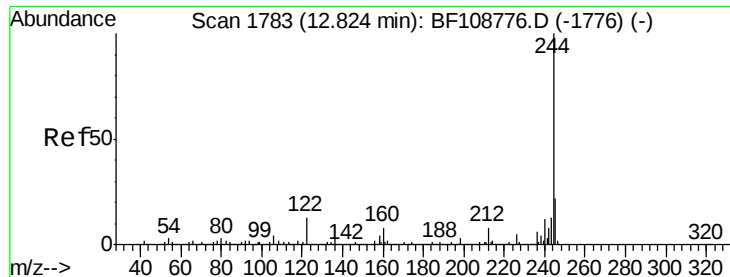
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BF108884.D
Acq: 8 Sep 2018 2:18

Tgt Ion: 240 Resp: 455304
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 26.4 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: 80.675 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108884.D

Acq: 8 Sep 2018 2:18

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-D-M

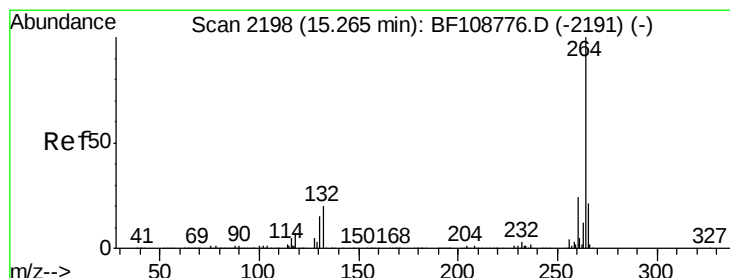
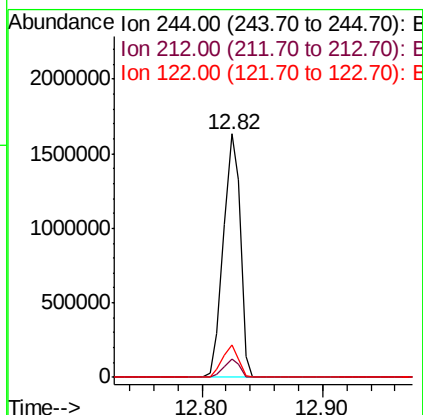
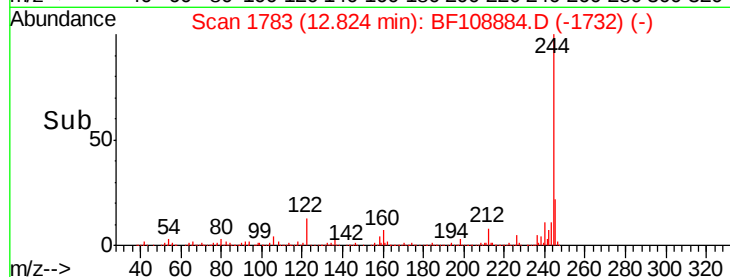
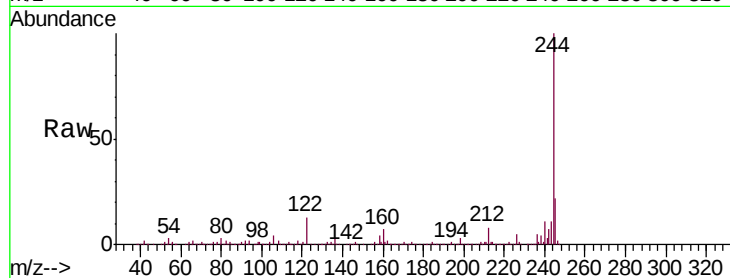
Tgt Ion:244 Resp: 1575181

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

122 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108884.D

Acq: 8 Sep 2018 2:18

Tgt Ion:264 Resp: 486187

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.3 17.5 26.3

