

Data File : BF108885.D
Acq On : 8 Sep 2018 2:45
Operator : JU/SJ
Sample : J4811-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: Sep 08 03:11:26 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	229743	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	832507	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	372012	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	598152	20.00	ng	0.00
75) Chrysene-d12	13.87	240	488094	20.00	ng	0.00
86) Perylene-d12	15.27	264	515847	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	625231	45.09	ng	0.00
7) Phenol-d6	6.36	99	522977	29.31	ng	0.00
23) Nitrobenzene-d5	7.30	82	1500951	112.83	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	320805	90.33	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2299659	105.46	ng	0.00
78) Terphenyl-d14	12.82	244	1795045	85.76	ng	0.00

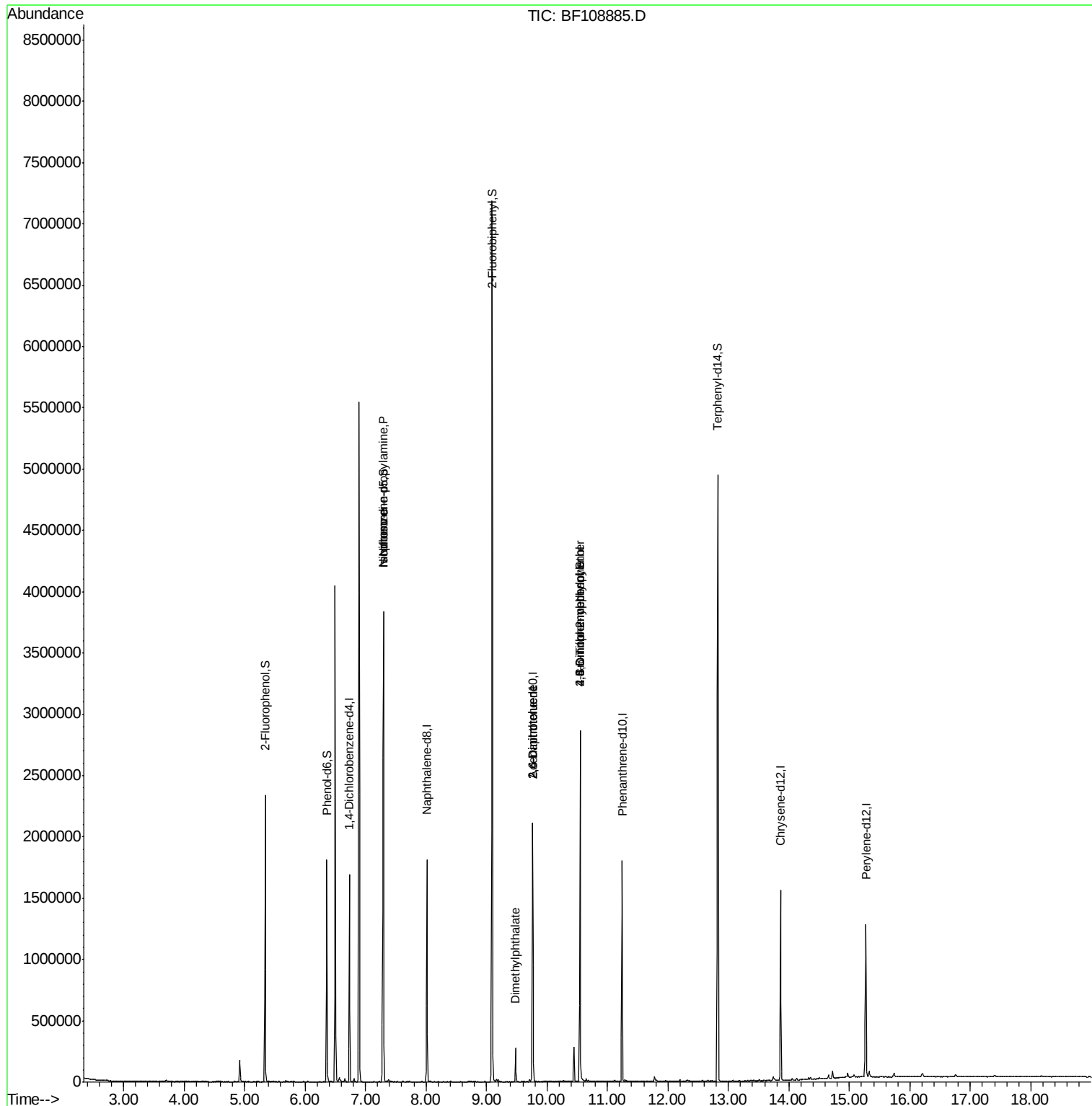
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	207728	16.748	ng	# 78
25) Isophorone	7.30	82	1490072	56.155	ng	# 64
49) Dimethylphthalate	9.48	163	101494	3.901	ng	# 99
50) 2,6-Dinitrotoluene	9.77	165	47500	9.580	ng	# 26
56) 2,4-Dinitrotoluene	9.77	165	47500	7.491	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	542	7.066	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	19998	2.960	ng	# 1

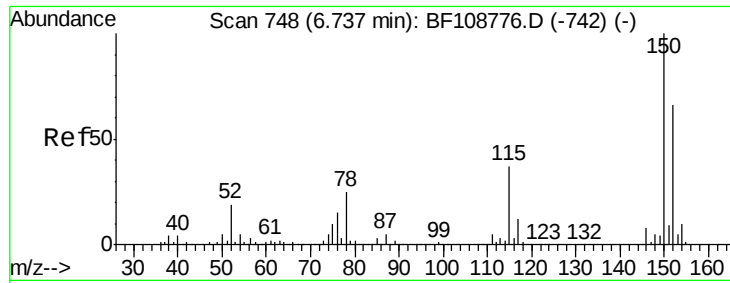
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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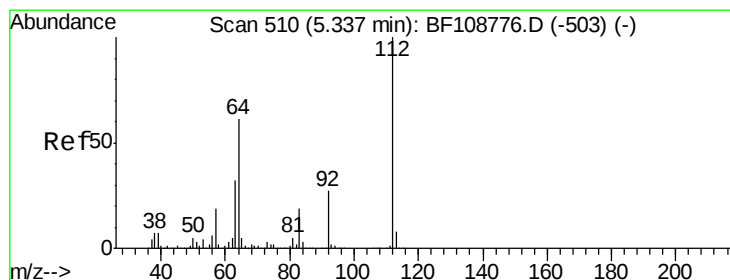
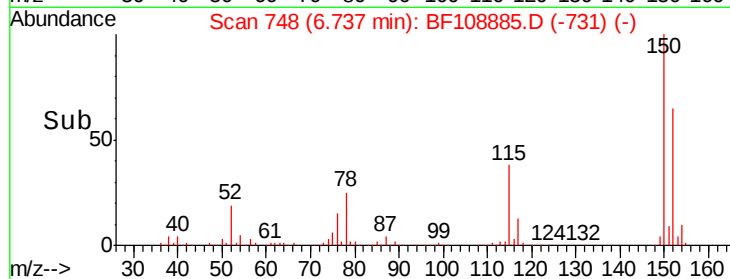
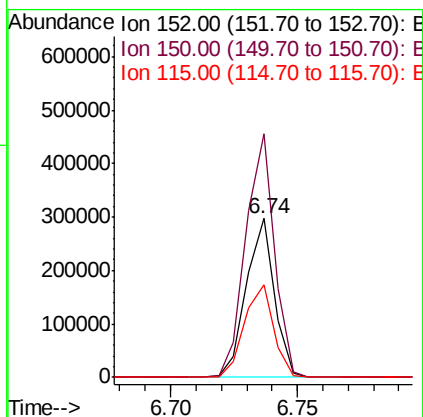
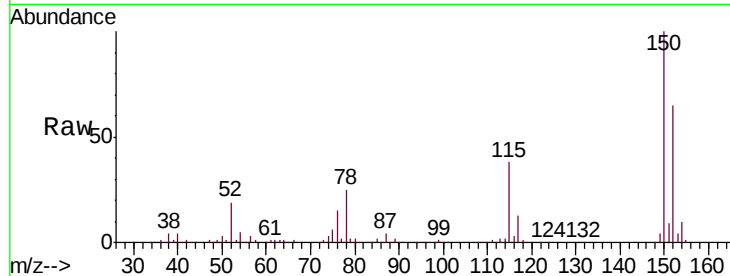




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

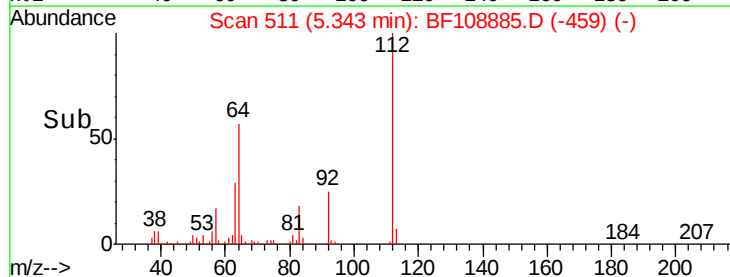
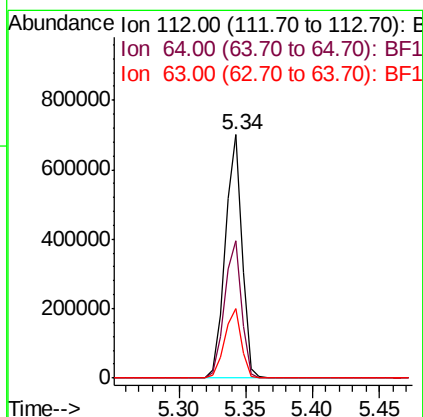
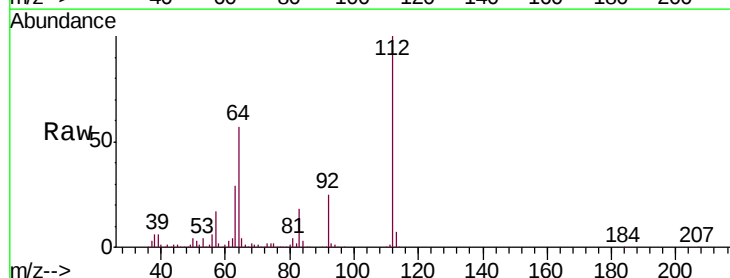
Instrument :
 BNA_F
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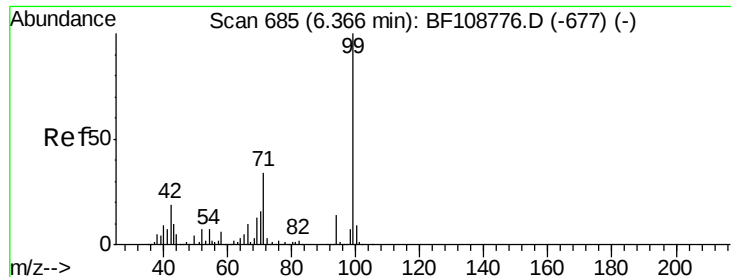
Tgt Ion:152 Resp: 229743
 Ion Ratio Lower Upper
 152 100
 150 153.3 124.6 186.8
 115 58.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 45.085 ng
 RT: 5.34 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion:112 Resp: 625231
 Ion Ratio Lower Upper
 112 100
 64 56.6 47.9 71.9
 63 28.6 23.7 35.5





#7

Phenol-d6

Concen: 29.310 ng

RT: 6.36 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-U-M

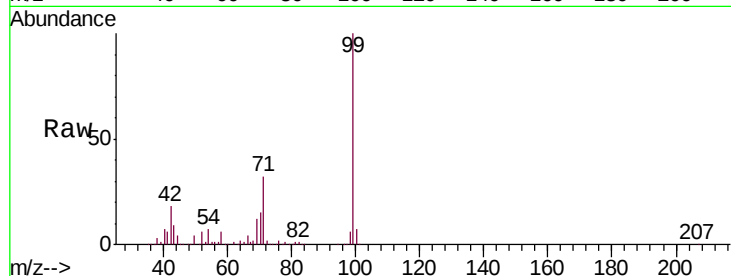
Tgt Ion: 99 Resp: 522977

Ion Ratio Lower Upper

99 100

42 17.6 14.5 21.7

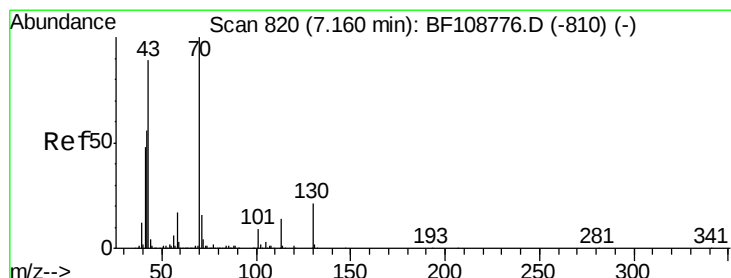
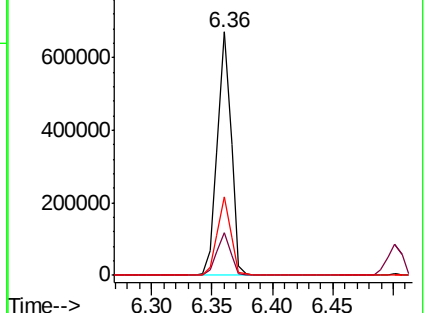
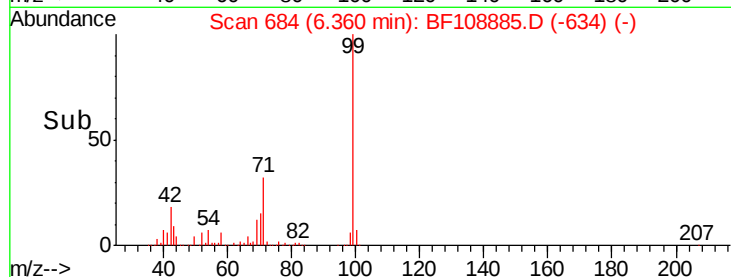
71 32.2 25.4 38.0



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: 16.748 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Tgt Ion: 70 Resp: 207728

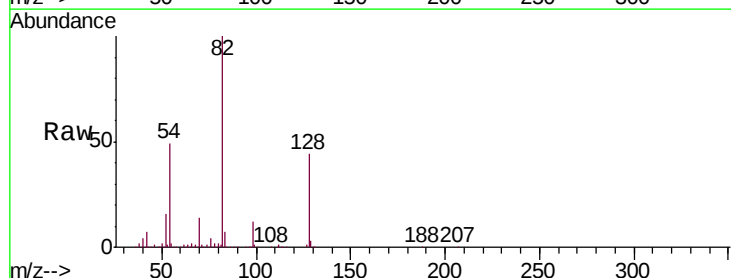
Ion Ratio Lower Upper

70 100

42 48.6 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

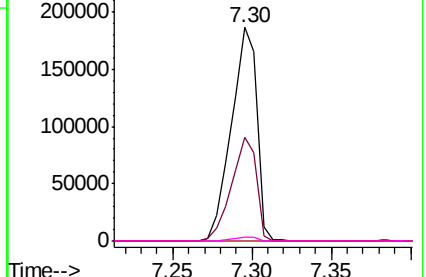
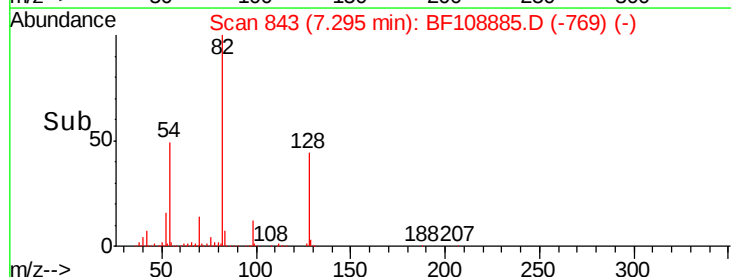


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

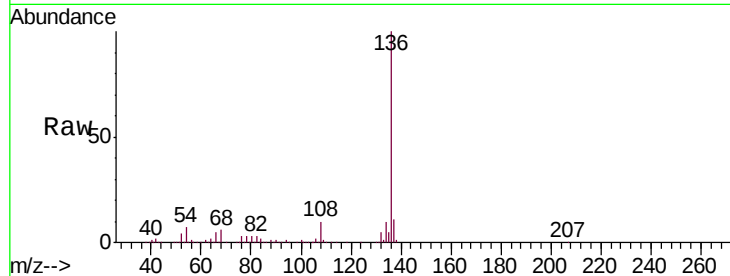




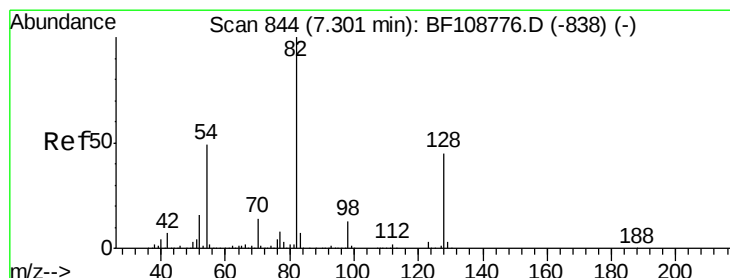
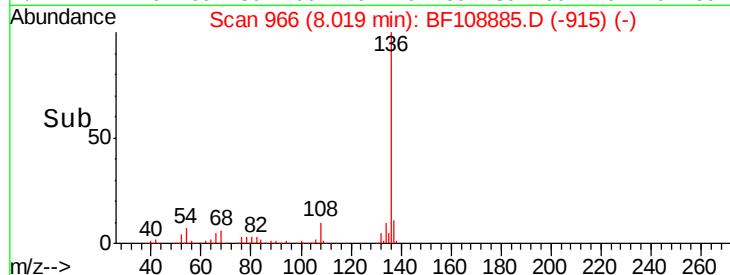
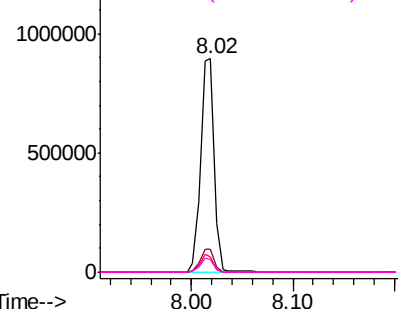
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

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

Tgt Ion:	136	Resp:	832507
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4

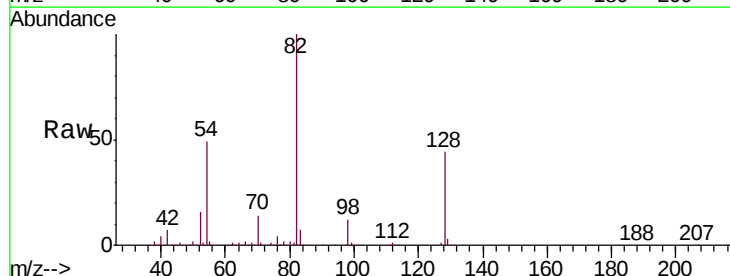


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

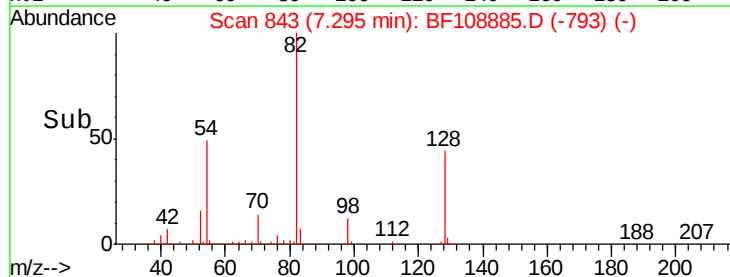
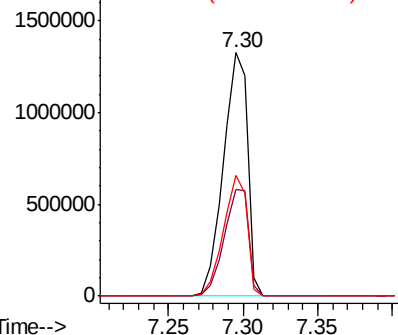


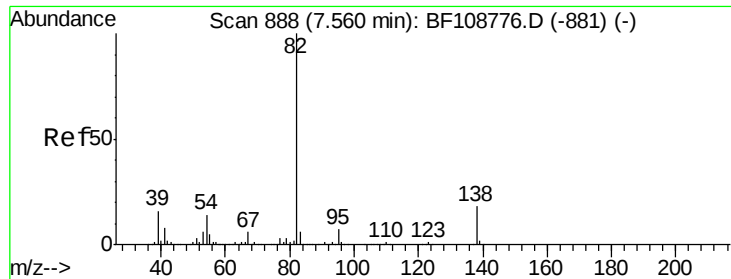
#23
Nitrobenzene-d5
Concen: 112.829 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Tgt Ion:	82	Resp:	1500951
Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	49.4	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 56.155 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-U-M

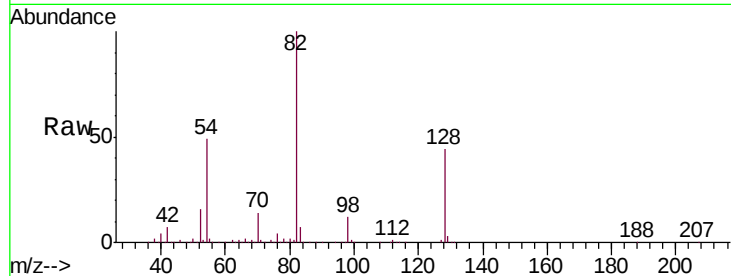
Tgt Ion: 82 Resp: 1490072

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

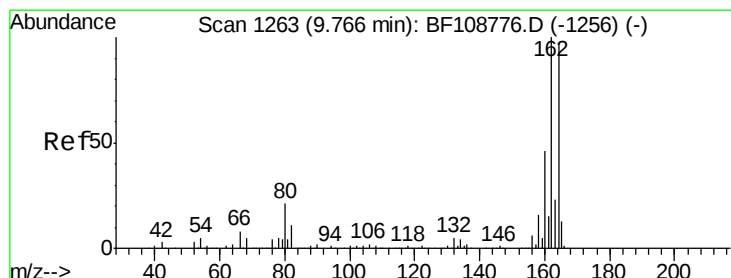
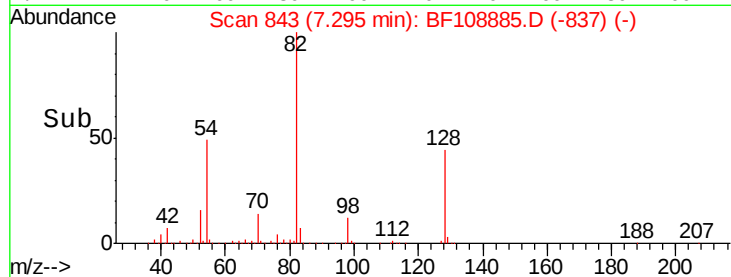
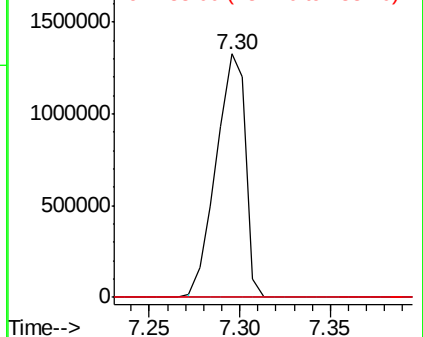
138 0.0 14.9 22.3#



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: BF108885.D

Acq: 8 Sep 2018 2:45

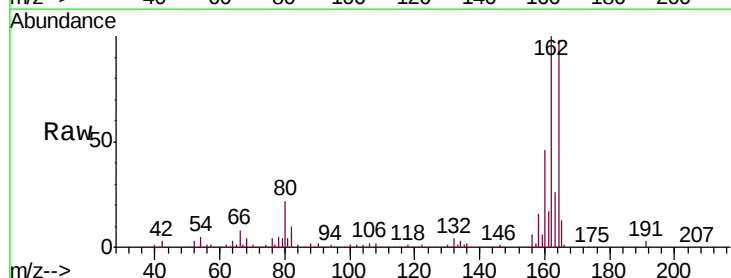
Tgt Ion: 164 Resp: 372012

Ion Ratio Lower Upper

164 100

162 102.4 86.1 129.1

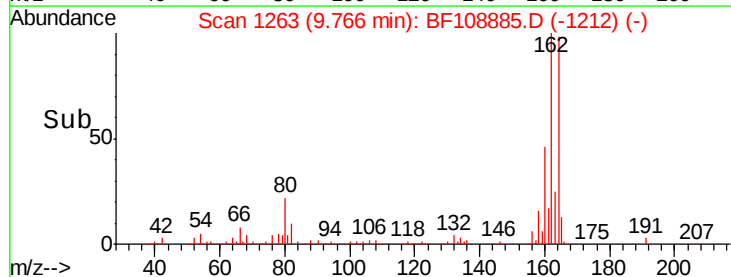
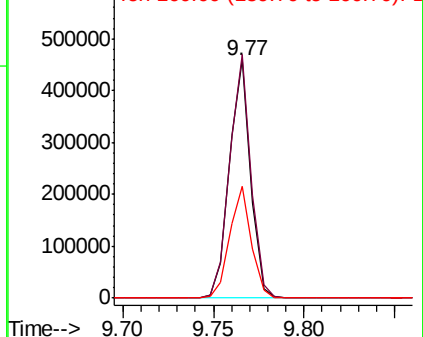
160 47.1 38.3 57.5



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

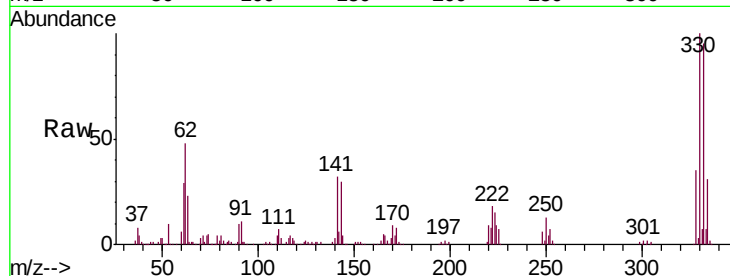




#41
 2,4,6-Tribromophenol
 Concen: 90.332 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.6	29.9	44.9

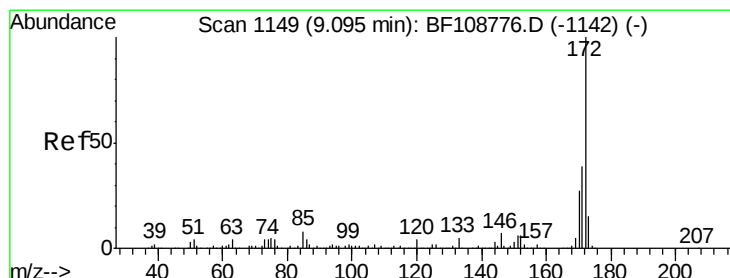
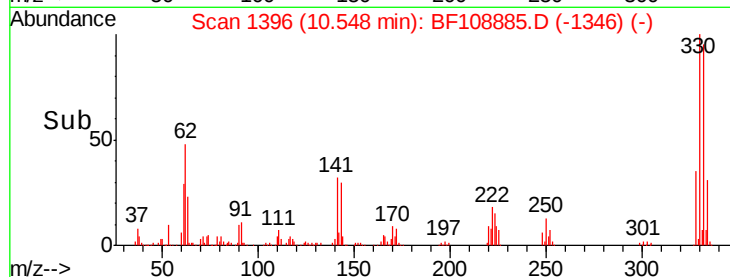
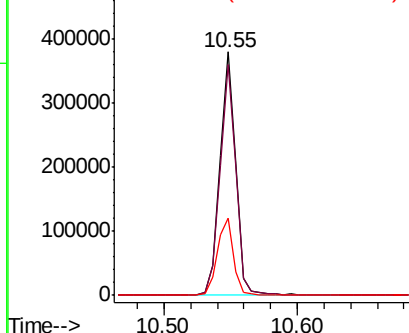


Abundance

Ion 329.80 (329.50 to 330.50): E

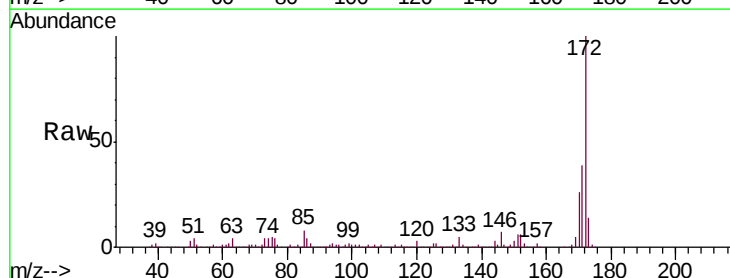
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 105.459 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.7	44.5
170	26.1	19.6	29.4

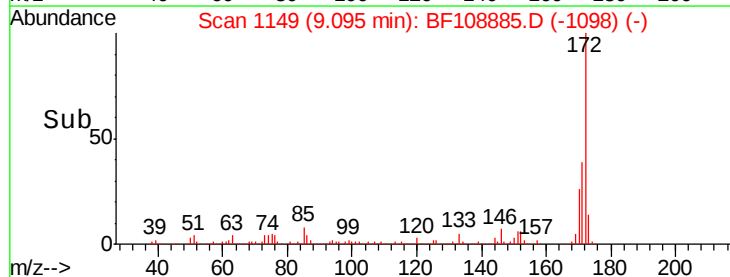
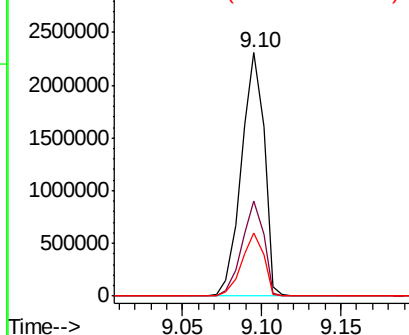


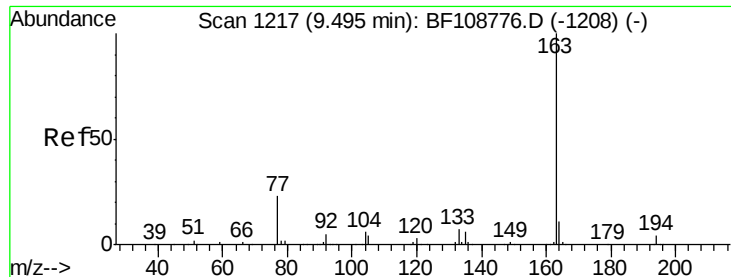
Abundance

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

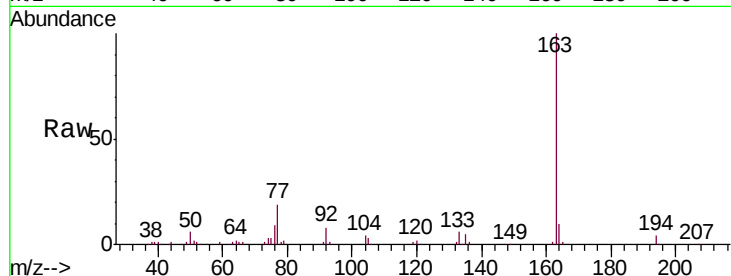




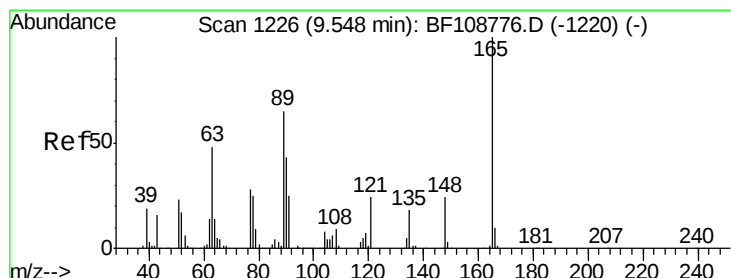
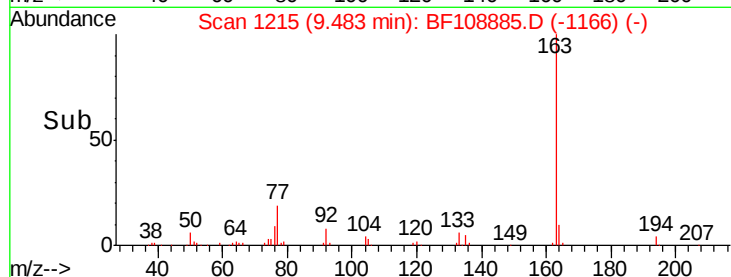
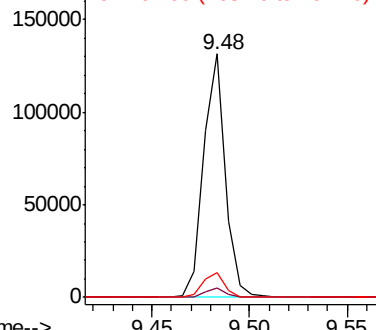
#49
Dimethylphthalate
Concen: 3.901 ng
RT: 9.48 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

Instrument :
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Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.1	8.2	12.2

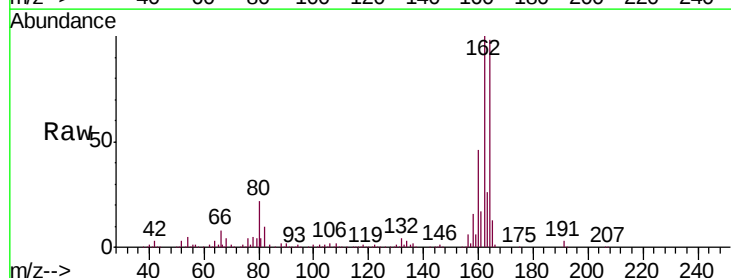


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

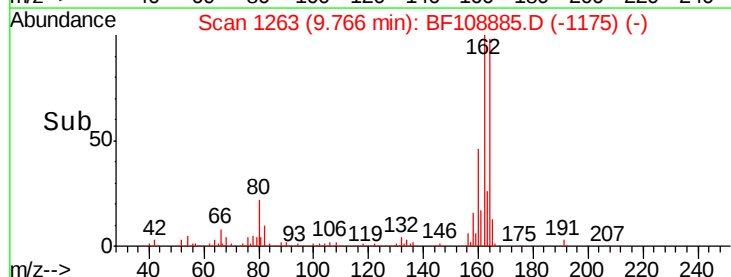
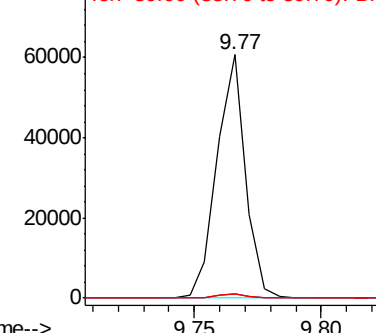


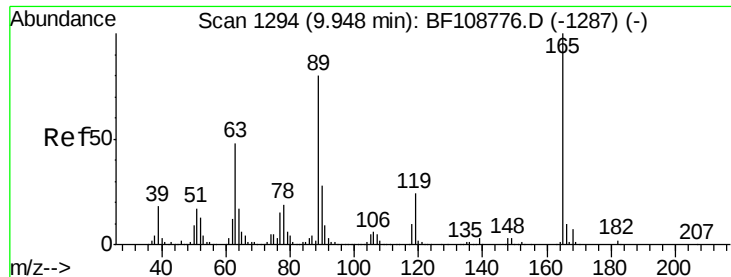
#50
2,6-Dinitrotoluene
Concen: 9.580 ng
RT: 9.77 min Scan# 1263
Delta R.T. 0.22 min
Lab File: BF108885.D
Acq: 8 Sep 2018 2:45

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



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

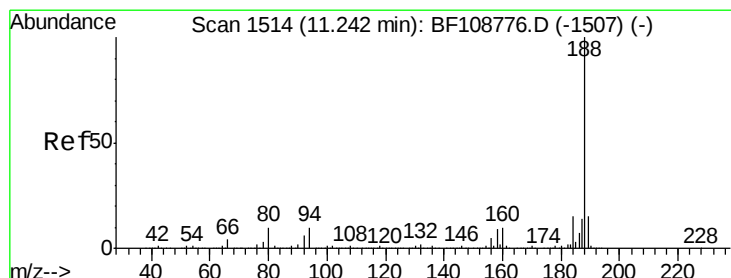
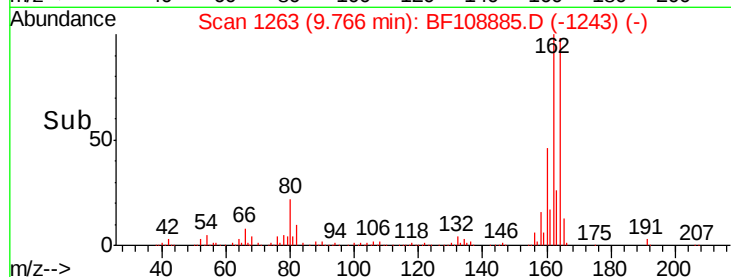
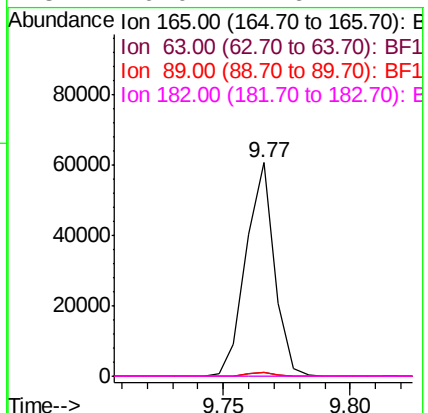
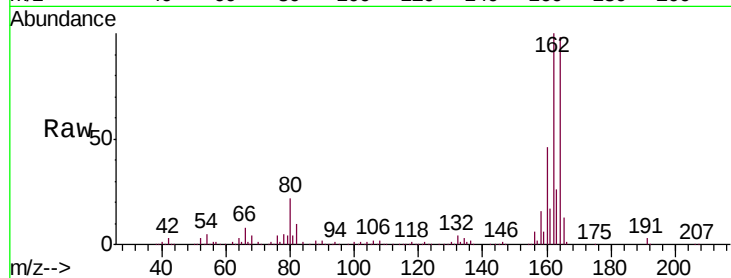




#56
 2,4-Dinitrotoluene
 Concen: 7.491 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.18 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

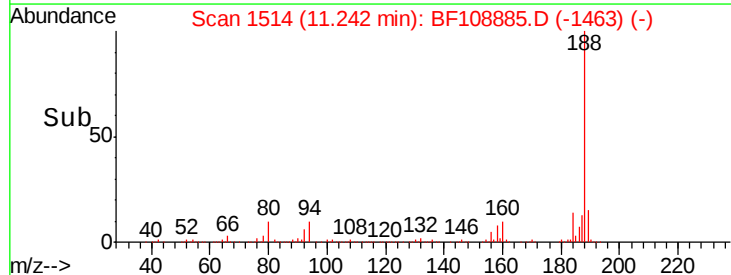
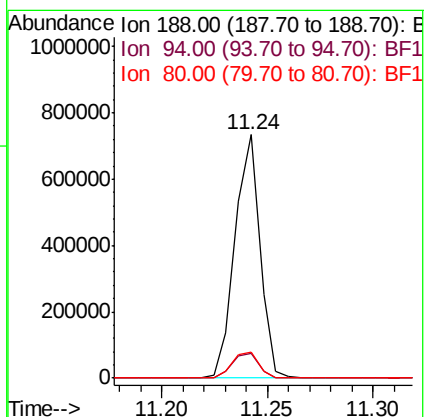
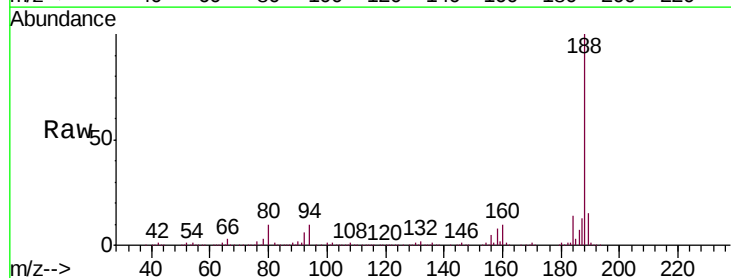
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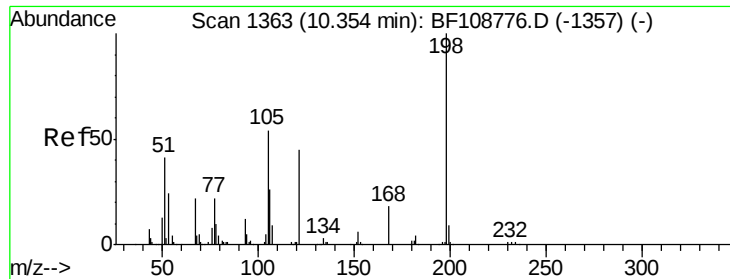
Tgt Ion:	165	Resp:	47500
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion:	188	Resp:	598152
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.5	9.2	13.8

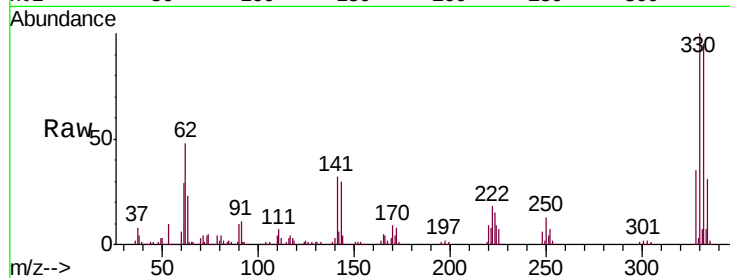




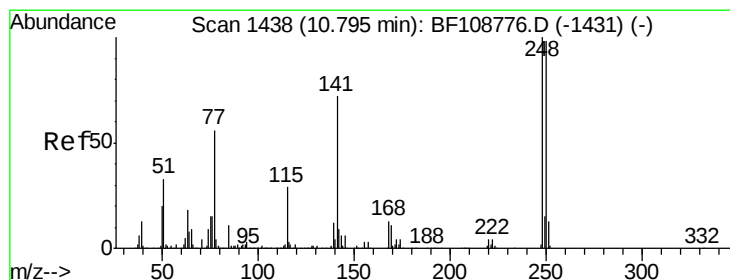
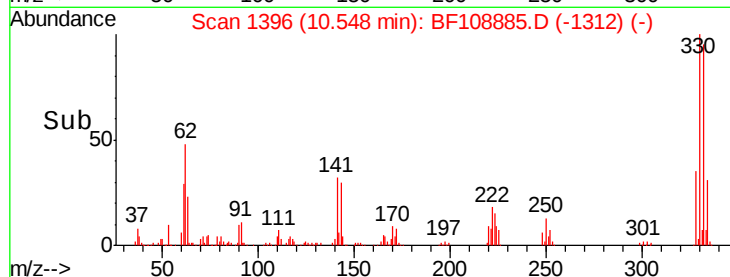
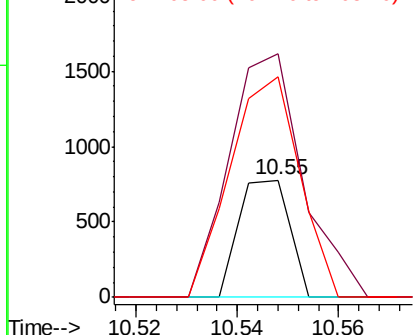
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.066 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. 0.19 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

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

Tgt Ion:198 Resp: 542
 Ion Ratio Lower Upper
 198 100
 51 207.6 37.7 77.7#
 105 188.2 36.3 76.3#

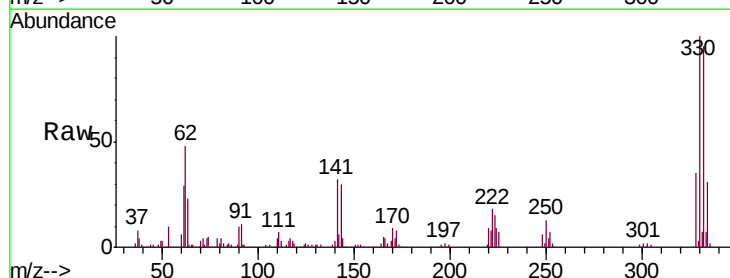


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

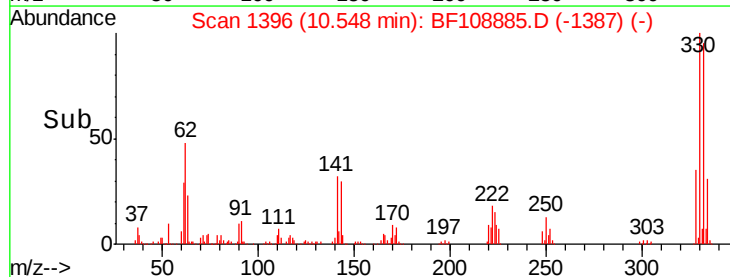
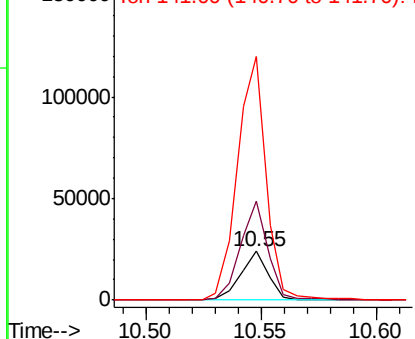


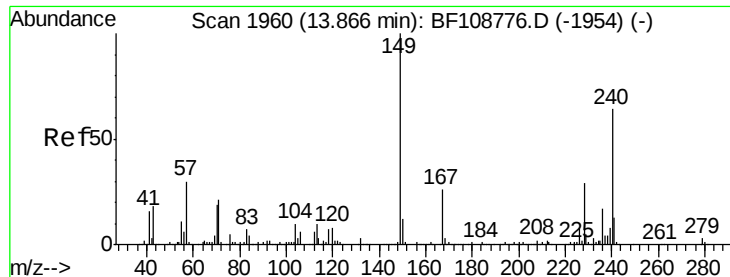
#66
 4-Bromophenyl-phenylether
 Concen: 2.960 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.25 min
 Lab File: BF108885.D
 Acq: 8 Sep 2018 2:45

Tgt Ion:248 Resp: 19998
 Ion Ratio Lower Upper
 248 100
 250 202.8 76.9 115.3#
 141 500.5 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: BF108885.D

Acq: 8 Sep 2018 2:45

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-U-M

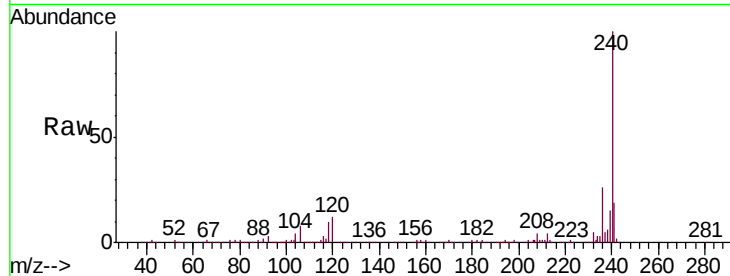
Tgt Ion:240 Resp: 488094

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

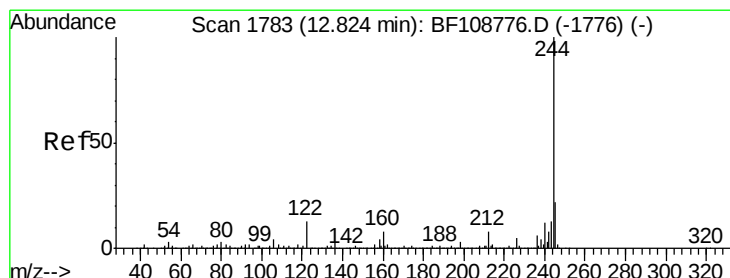
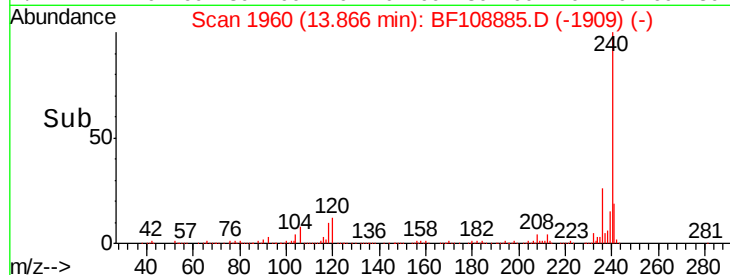
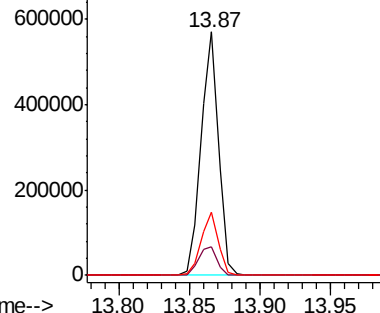
236 25.8 20.7 31.1



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: 85.759 ng

RT: 12.82 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

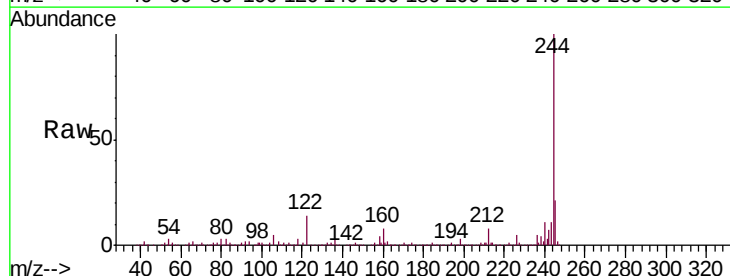
Tgt Ion:244 Resp: 1795045

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

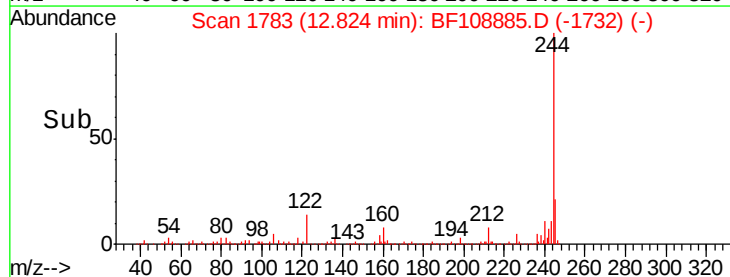
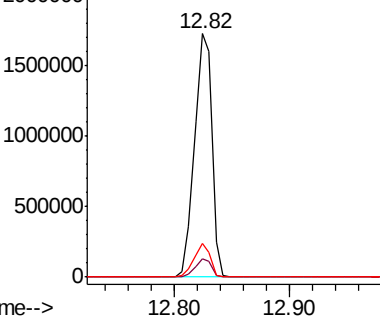
122 13.7 11.0 16.4

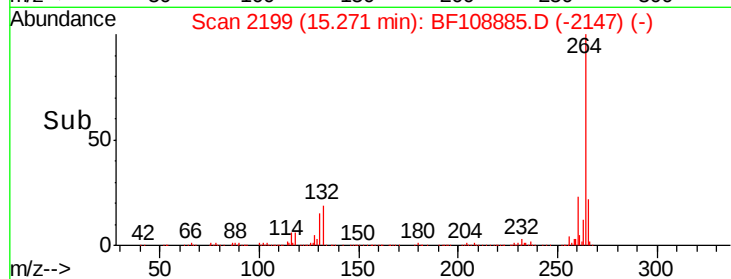
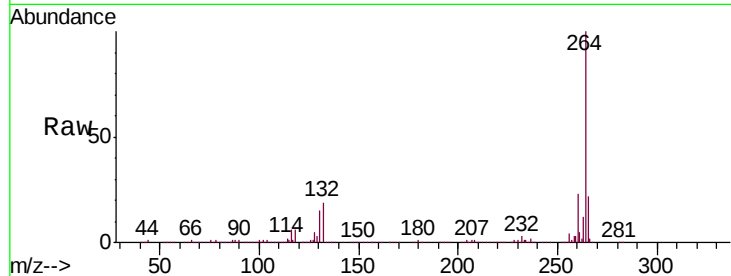
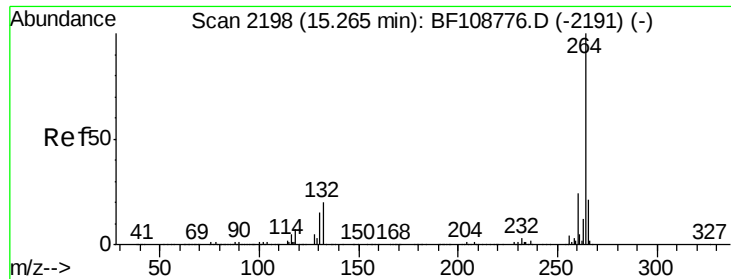


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.27 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF108885.D

Acq: 8 Sep 2018 2:45

Instrument :

BNA_F

ClientSampleId :

090518-TIPC-E-U-M

Tgt Ion: 264 Resp: 515847

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.8 17.5 26.3

