

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108186.D
 Acq On : 16 Aug 2018 00:46
 Operator : JU/SJ
 Sample : J4440-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-D-B

Quant Time: Aug 16 01:54:00 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	205297	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	766367	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	372121	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	592211	20.00	ng	0.00
75) Chrysene-d12	14.21	240	435025	20.00	ng	-0.01
86) Perylene-d12	15.77	264	434959	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	505580	44.59	ng	0.00
7) Phenol-d6	6.62	99	429859	28.53	ng	0.00
23) Nitrobenzene-d5	7.58	82	1402250	102.10	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	281053	75.72	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2364492	102.01	ng	0.00
78) Terphenyl-d14	13.14	244	1658323	96.92	ng	0.00

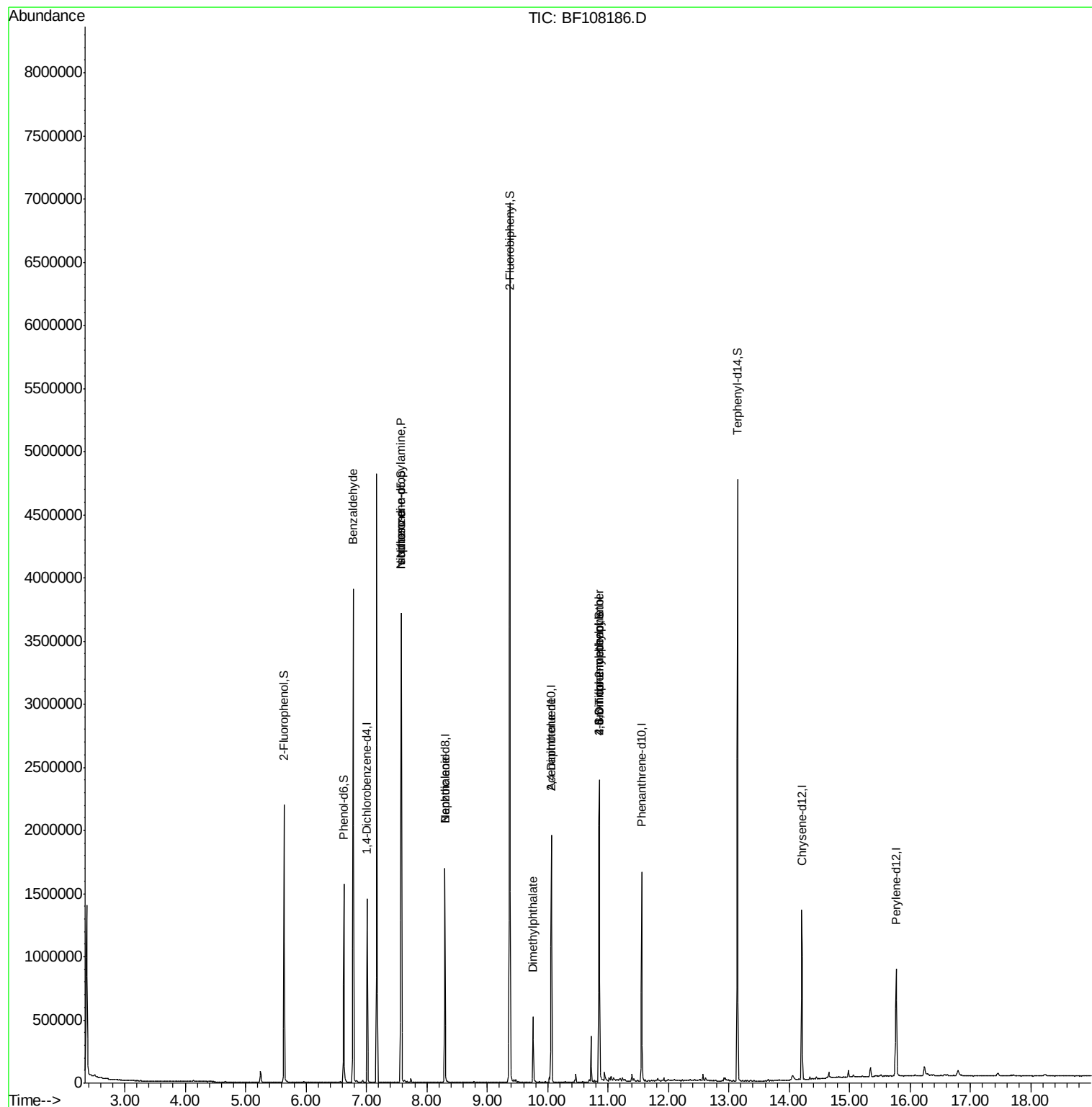
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	24219	2.073	ng	# 72
19) n-Nitroso-di-n-propylamine	7.58	70	194814	19.118	ng	# 84
25) Isophorone	7.58	82	1394824	53.284	ng	# 64
32) Benzoic acid	8.30	122	118	5.990	ng	# 1
49) Dimethylphthalate	9.76	163	199726	7.705	ng	99
56) 2,4-Dinitrotoluene	10.06	165	46067	6.599	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	605	5.600	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	18548	2.882	ng	# 1

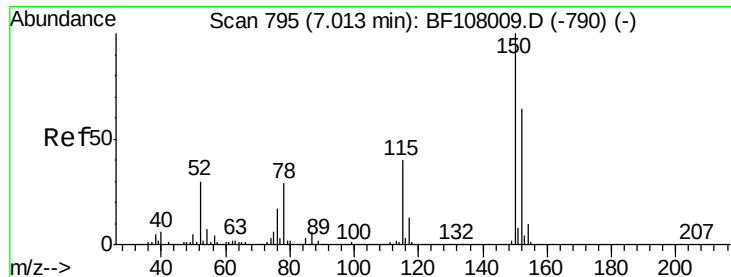
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
Data File : BF108186.D
Acq On : 16 Aug 2018 00:46
Operator : JU/SJ
Sample : J4440-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Quant Time: Aug 16 01:54:00 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



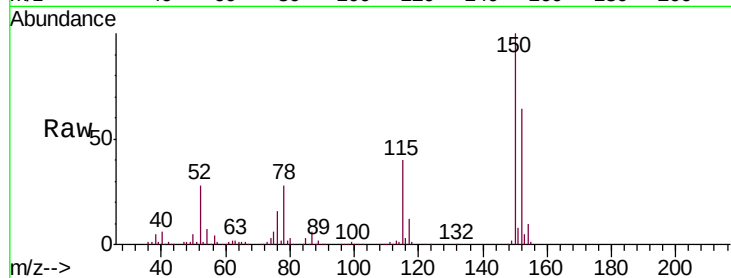


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.6	186.8
115	63.2	50.1	75.1

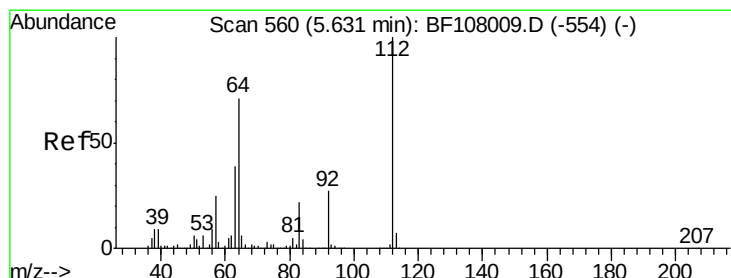
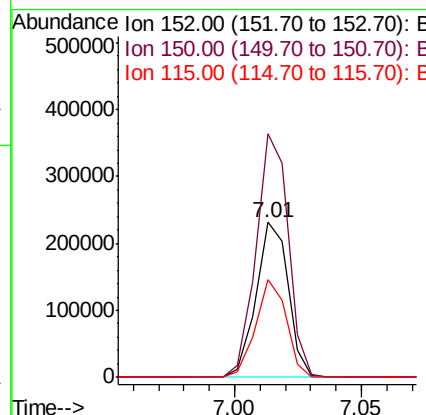
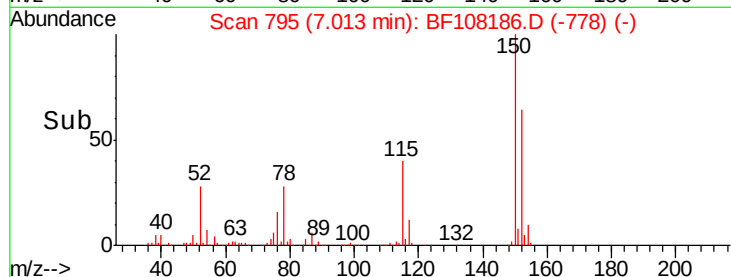


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

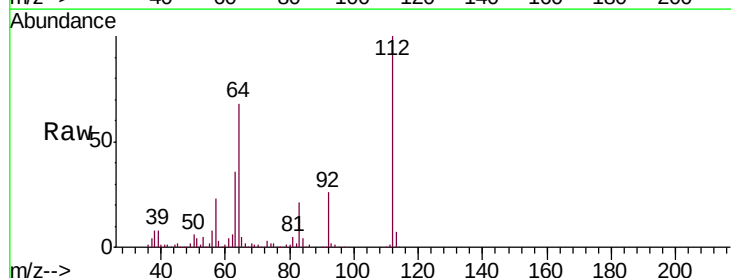
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 44.586 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	47.9	71.9
63	36.0	23.7	35.5#

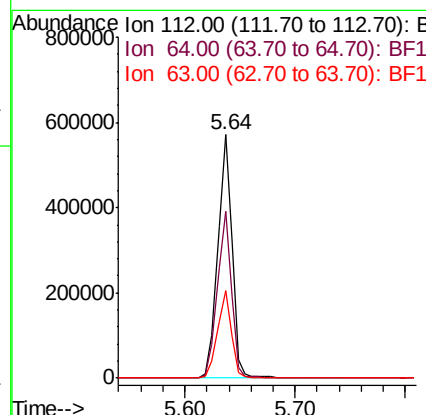
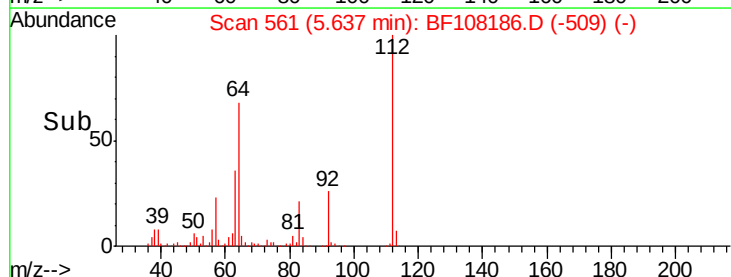


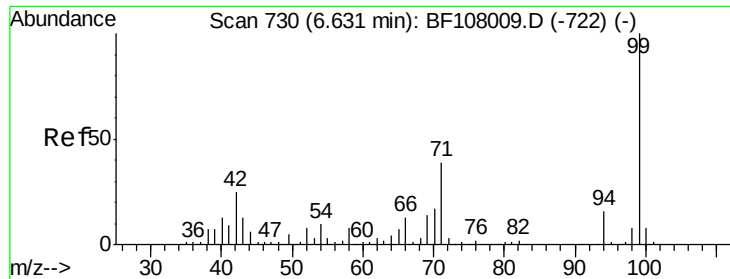
Abundance

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: 28.527 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

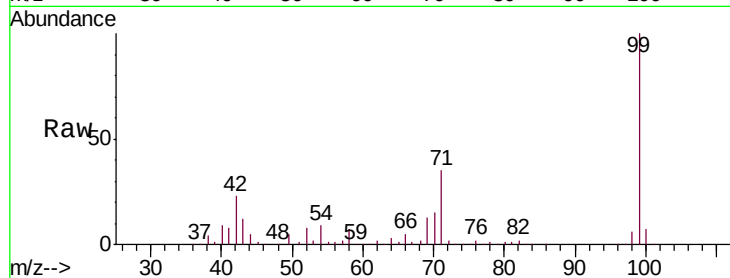
Tgt Ion: 99 Resp: 429859

Ion Ratio Lower Upper

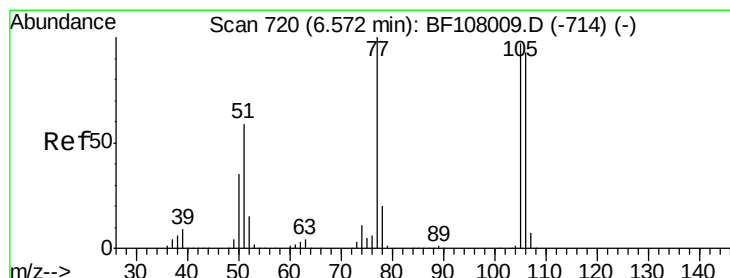
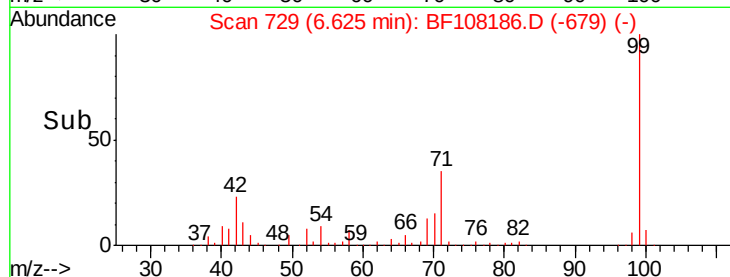
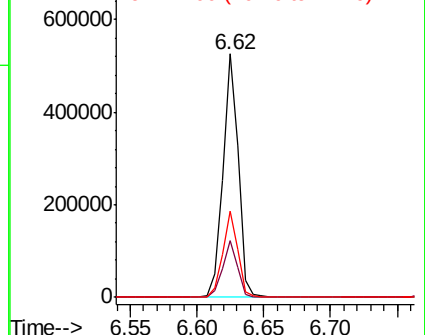
99 100

42 23.4 14.5 21.7#

71 35.3 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



#9

Benzaldehyde

Concen: 2.073 ng

RT: 6.78 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

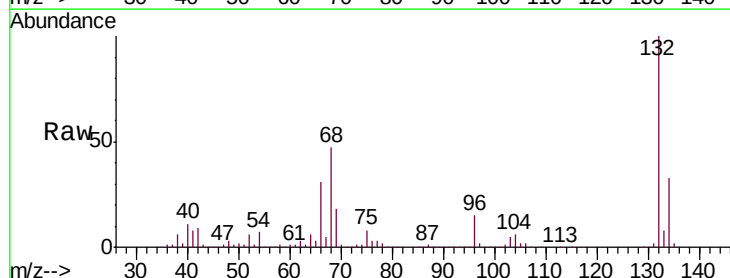
Tgt Ion: 77 Resp: 24219

Ion Ratio Lower Upper

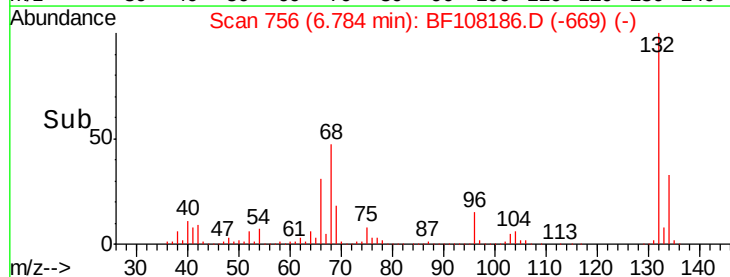
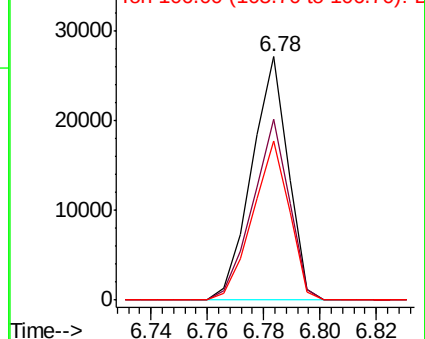
77 100

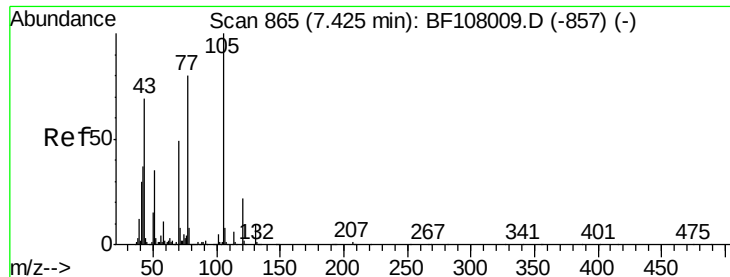
105 74.3 81.1 121.1#

106 65.2 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

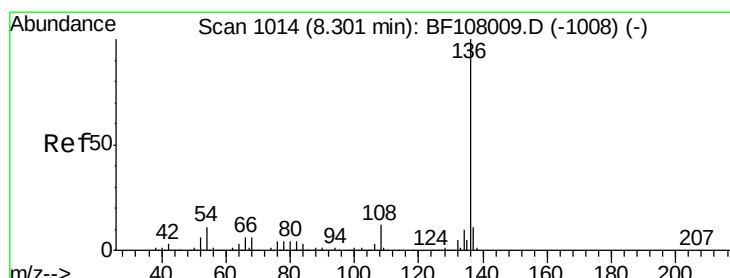
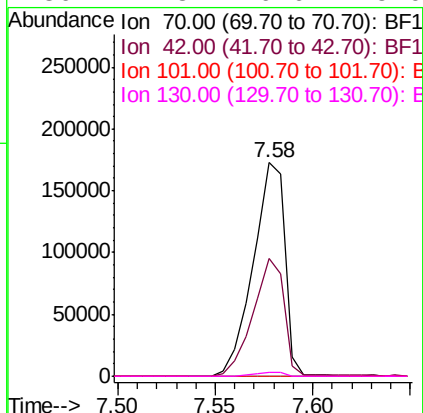
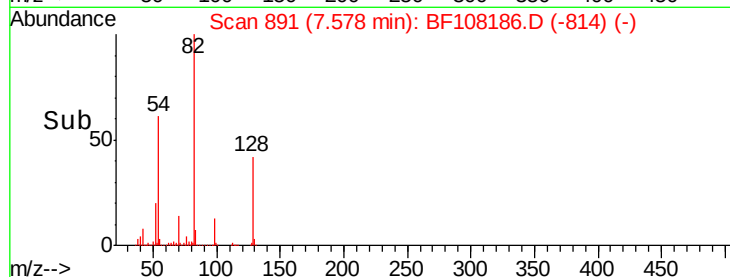
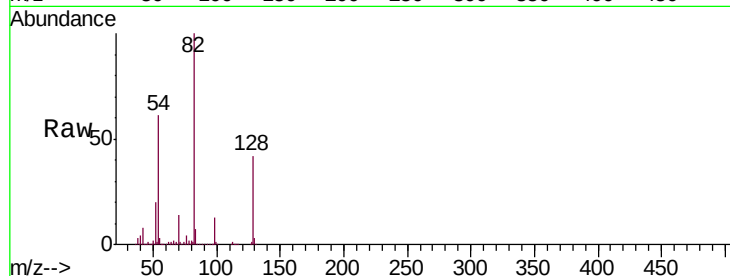




#19
n-Nitroso-di-n-propylamine
Concen: 19.118 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

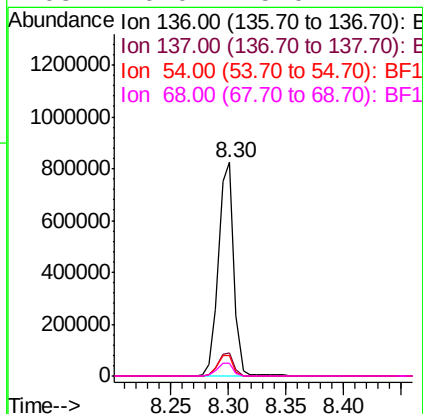
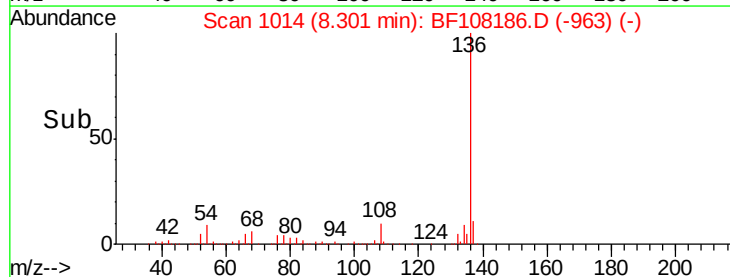
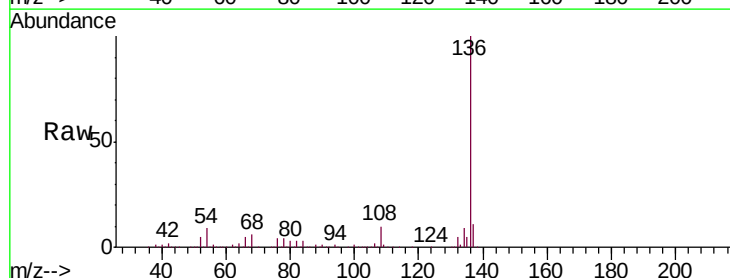
Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

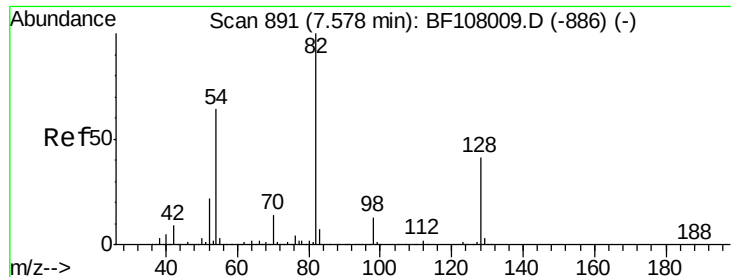
Tgt Ion:	70	Resp:	194814
Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.8	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:	136	Resp:	766367
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.4	6.6	9.8
68	6.0	5.0	7.4





#23

Nitrobenzene-d5

Concen: 102.102 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

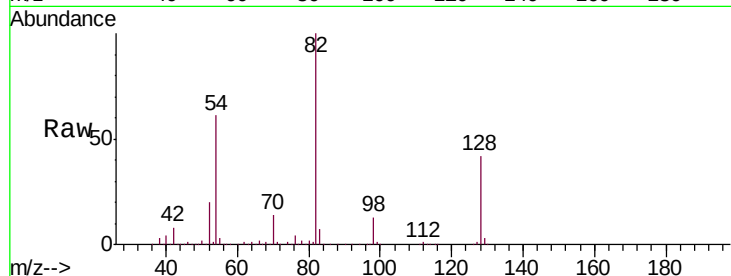
Tgt Ion: 82 Resp: 1402250

Ion Ratio Lower Upper

82 100

128 42.1 36.1 54.1

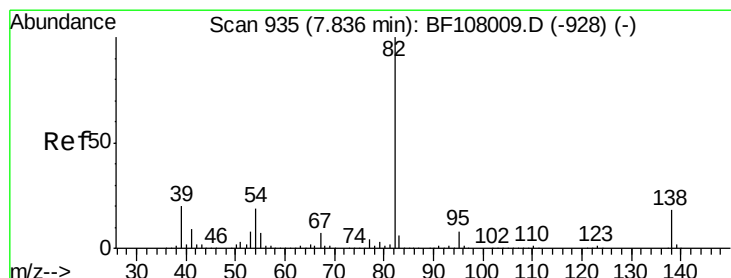
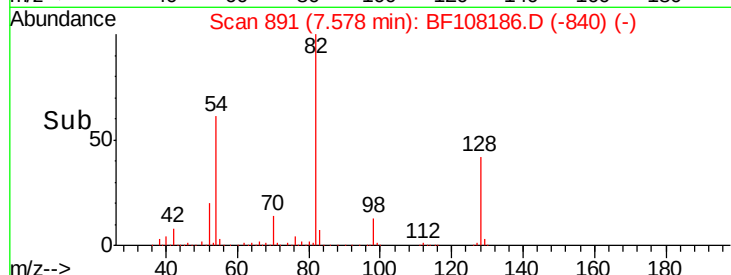
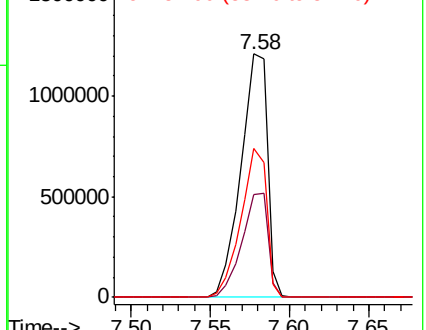
54 61.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 53.284 ng

RT: 7.58 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

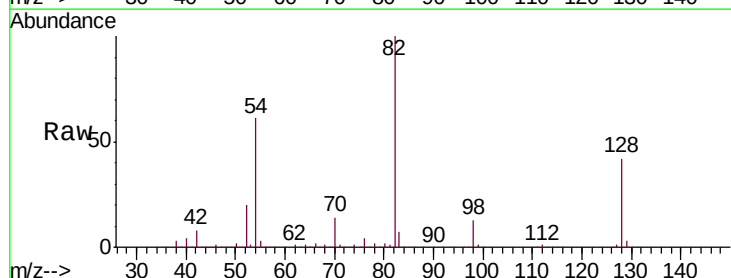
Tgt Ion: 82 Resp: 1394824

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

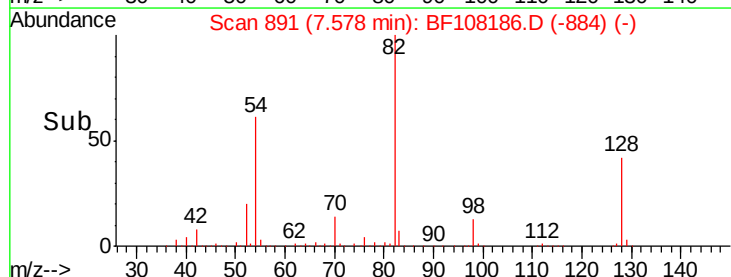
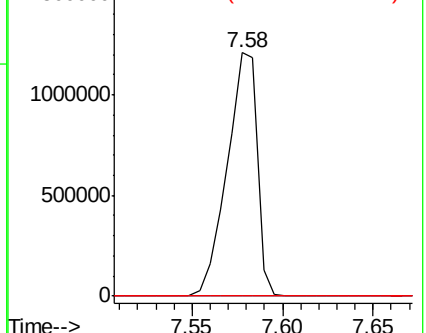
138 0.0 14.9 22.3#

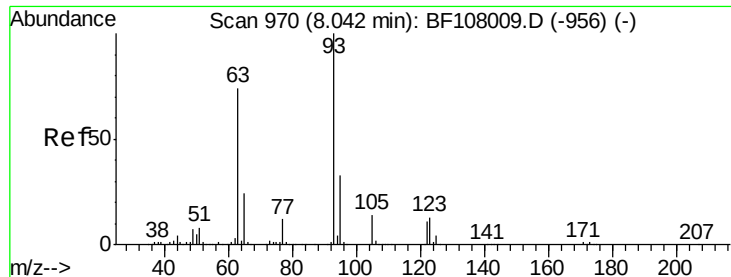


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

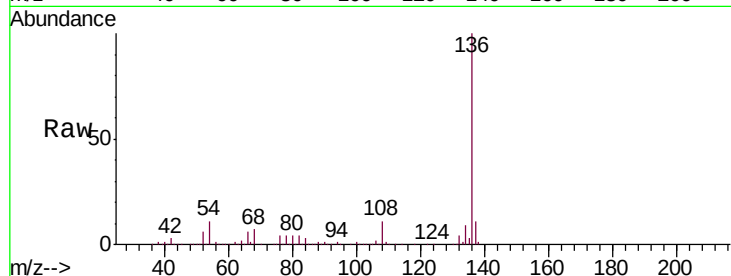




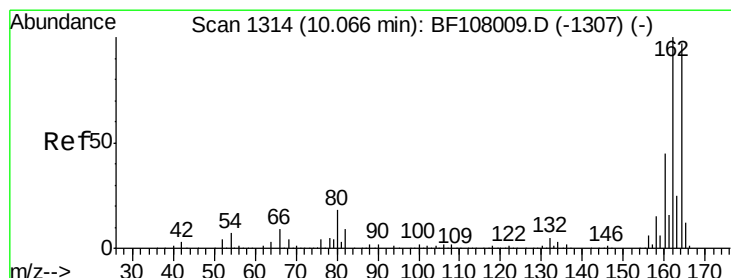
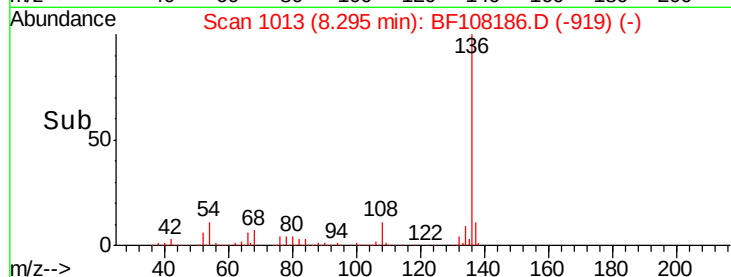
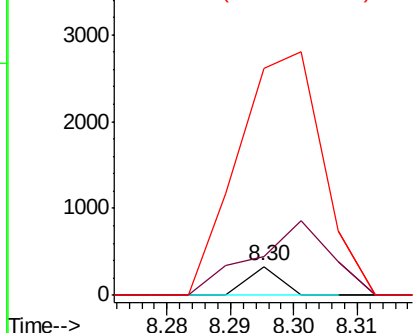
#32
Benzoic acid
Concen: 5.990 ng
RT: 8.30 min Scan# 1013
Delta R.T. 0.25 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion:122 Resp: 118
Ion Ratio Lower Upper
122 100
105 132.3 101.1 141.1
77 782.9 70.7 110.7#

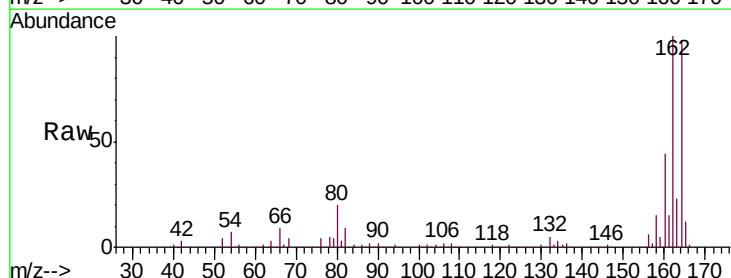


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

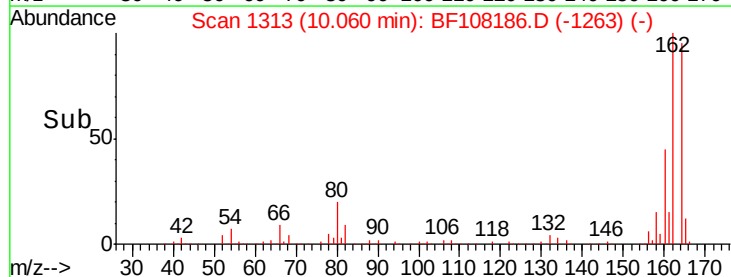
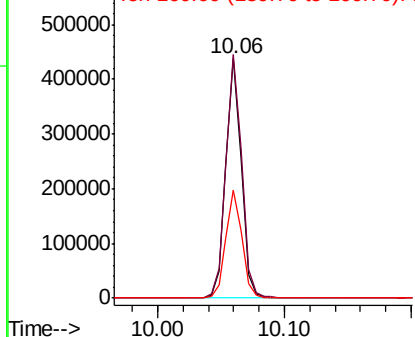


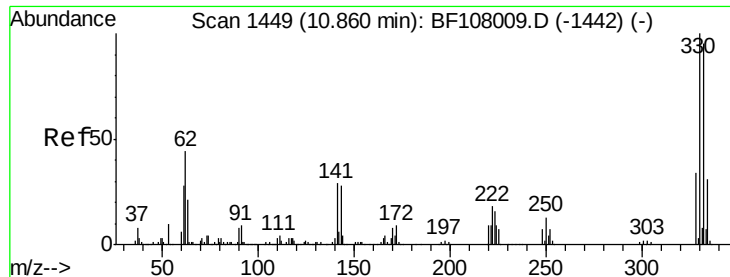
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion:164 Resp: 372121
Ion Ratio Lower Upper
164 100
162 101.6 86.1 129.1
160 45.1 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

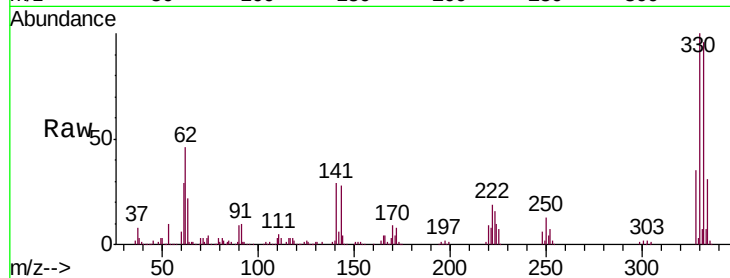




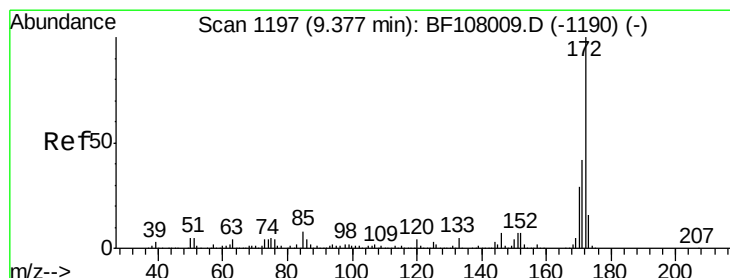
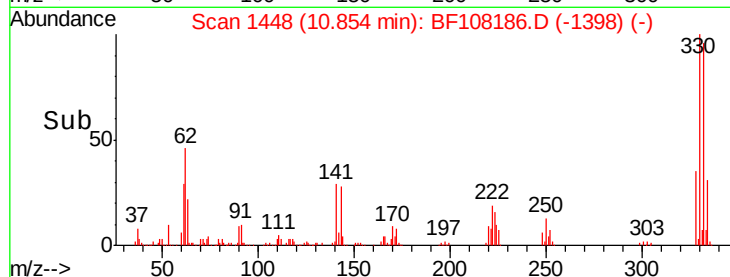
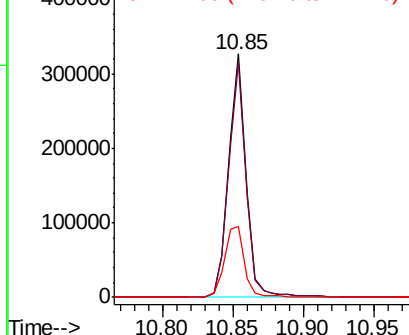
#41
 2,4,6-Tribromophenol
 Concen: 75.719 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108186.D
 Acq: 16 Aug 2018 00:46

Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-D-B

Tgt Ion:330 Resp: 281053
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 33.5 29.9 44.9

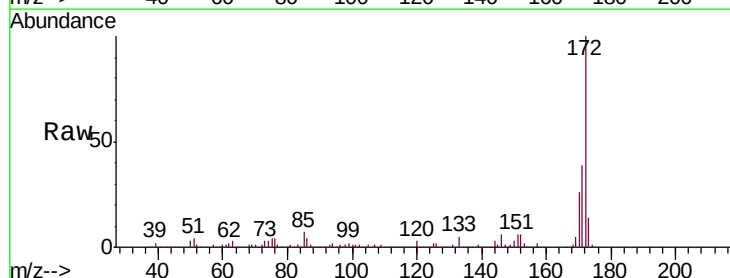


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

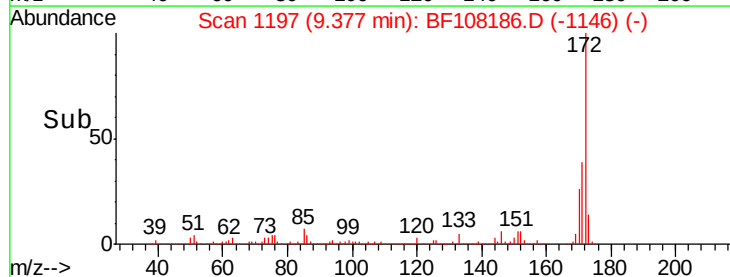
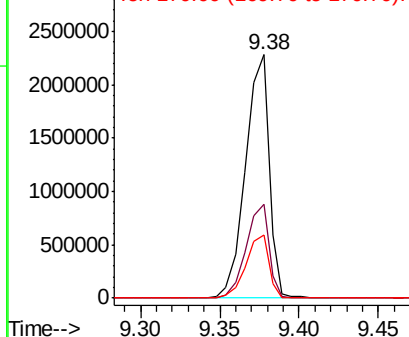


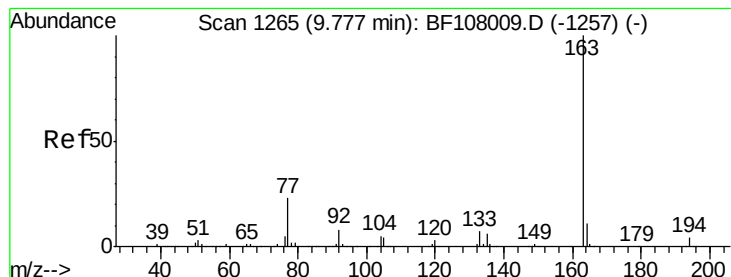
#44
 2-Fluorobiphenyl
 Concen: 102.013 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108186.D
 Acq: 16 Aug 2018 00:46

Tgt Ion:172 Resp: 2364492
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.7 44.5
 170 26.2 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: 7.705 ng

RT: 9.76 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

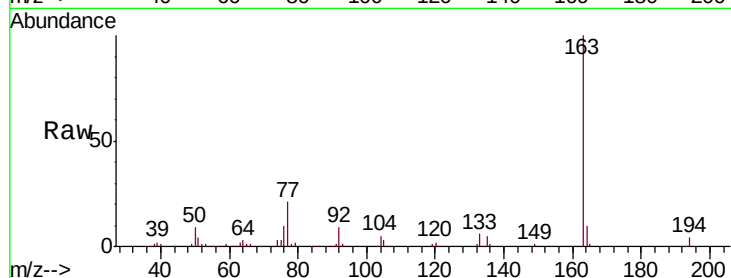
Tgt Ion:163 Resp: 199726

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

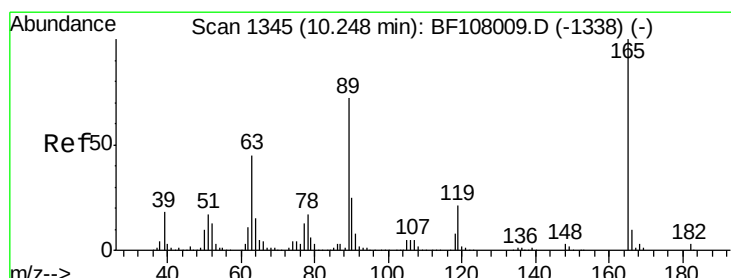
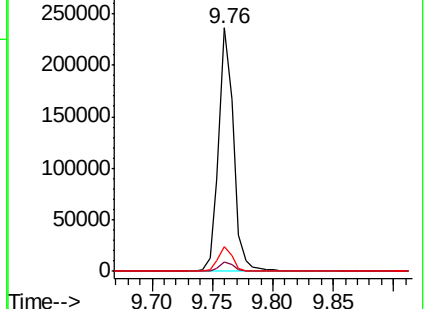
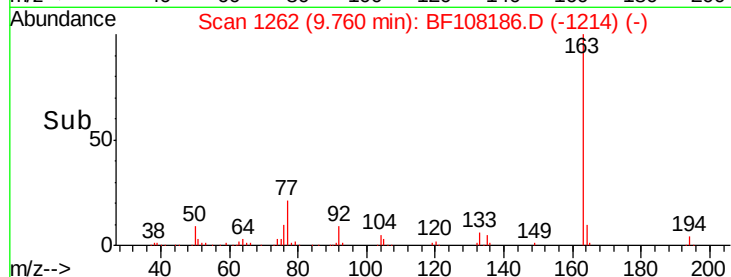
164 10.3 8.2 12.2



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: 6.599 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.19 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Tgt Ion:165 Resp: 46067

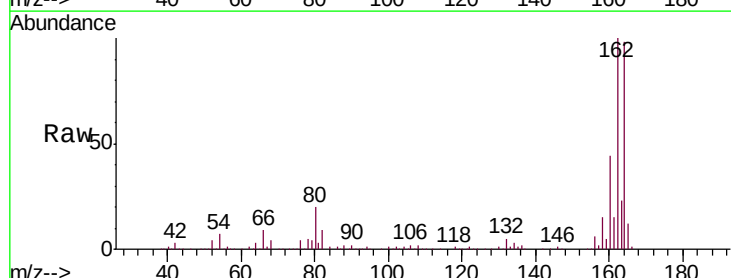
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.5 57.8 86.6#

182 0.0 1.6 2.4#

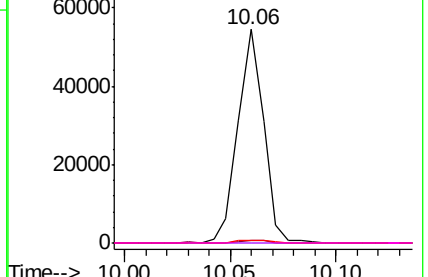
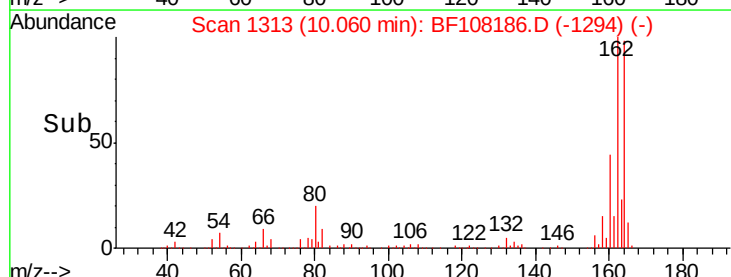


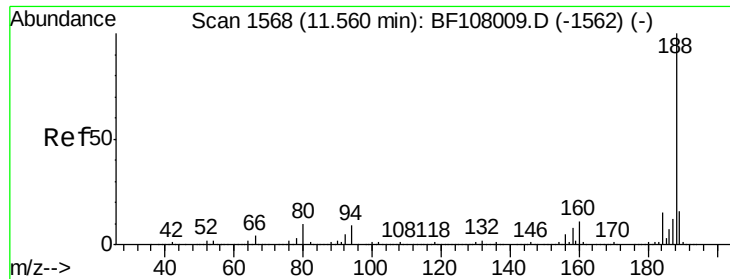
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.55 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

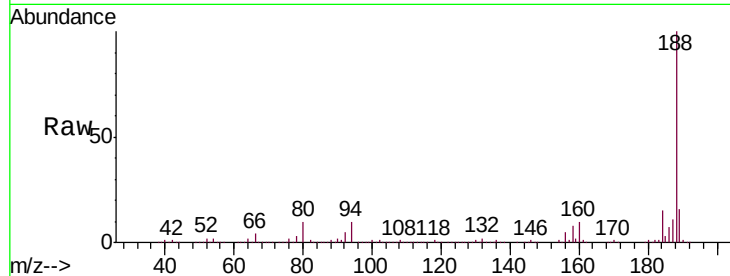
Tgt Ion:188 Resp: 592211

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

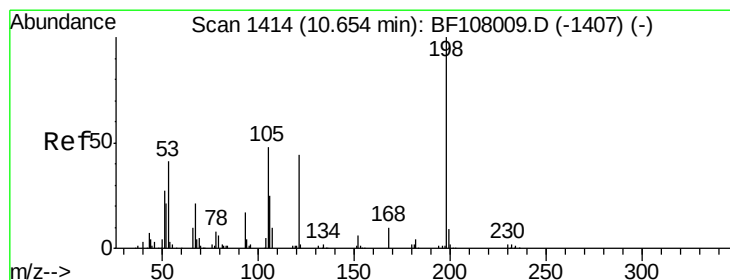
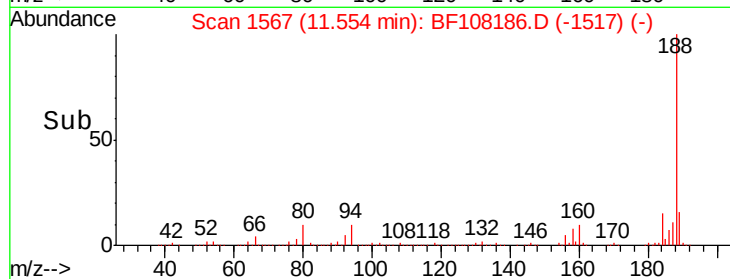
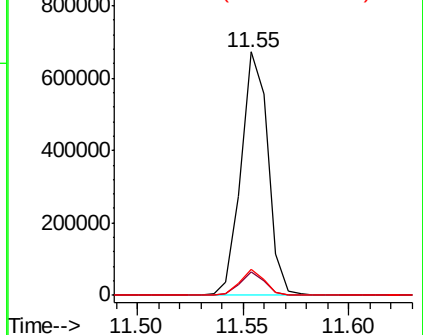
80 10.5 9.2 13.8



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: 5.600 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.20 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

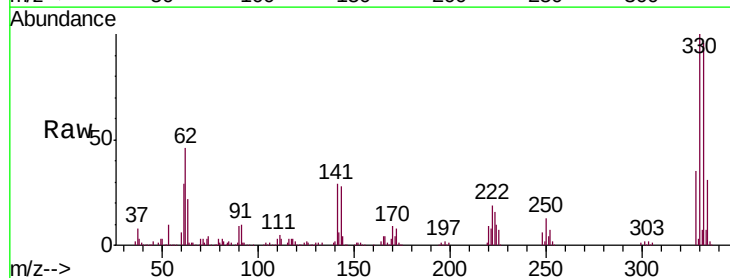
Tgt Ion:198 Resp: 605

Ion Ratio Lower Upper

198 100

51 194.7 37.7 77.7#

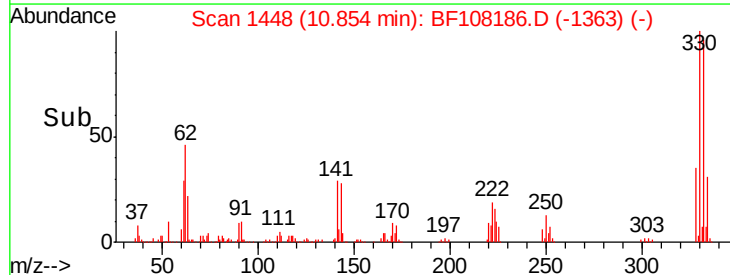
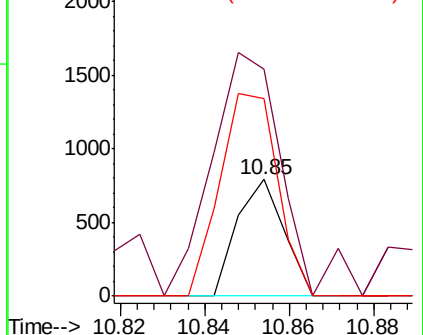
105 169.7 36.3 76.3#

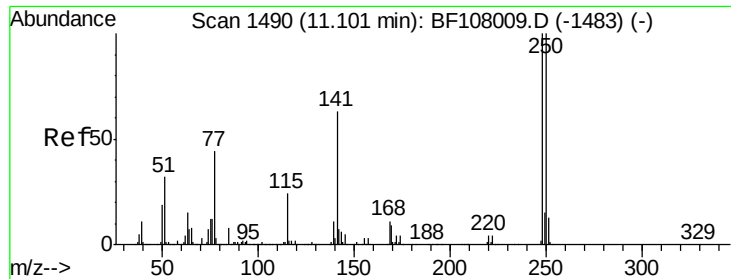


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

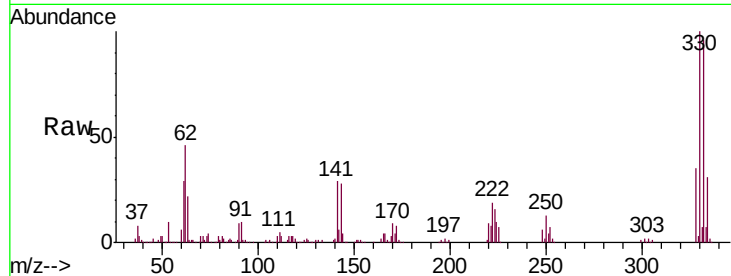




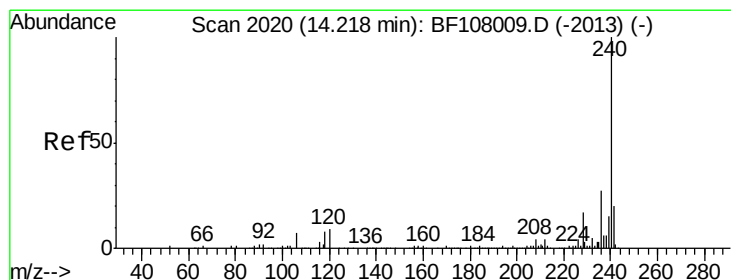
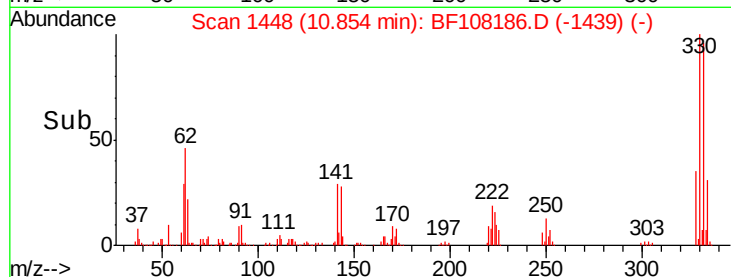
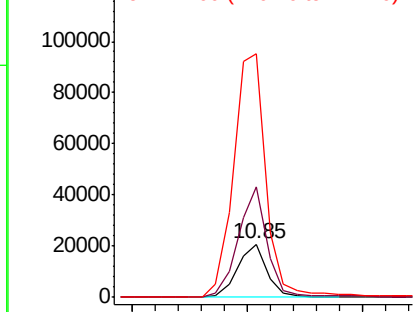
#66
4-Bromophenyl-phenylether
Concen: 2.882 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-B

Tgt Ion: 248 Resp: 18548
Ion Ratio Lower Upper
248 100
250 209.3 76.9 115.3#
141 459.4 74.4 111.6#

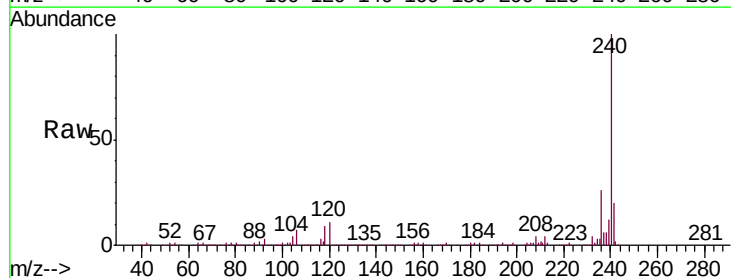


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

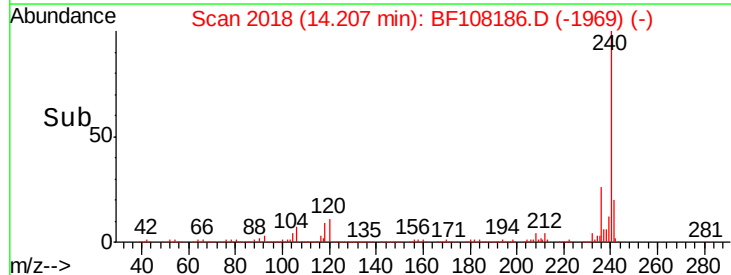
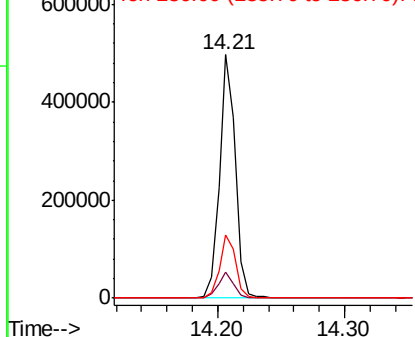


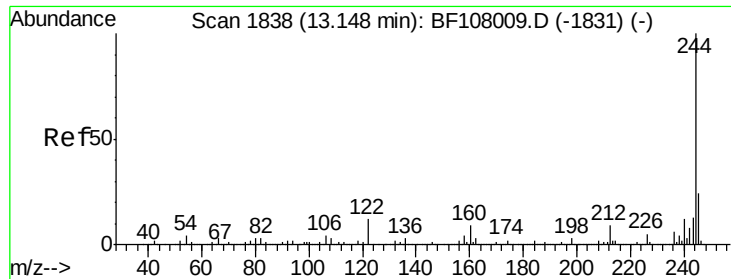
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108186.D
Acq: 16 Aug 2018 00:46

Tgt Ion: 240 Resp: 435025
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.7 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: 96.923 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108186.D

Acq: 16 Aug 2018 00:46

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-B

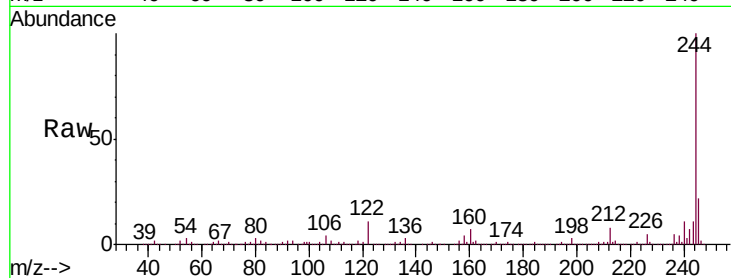
Tgt Ion:244 Resp: 1658323

Ion Ratio Lower Upper

244 100

212 7.8 5.4 8.0

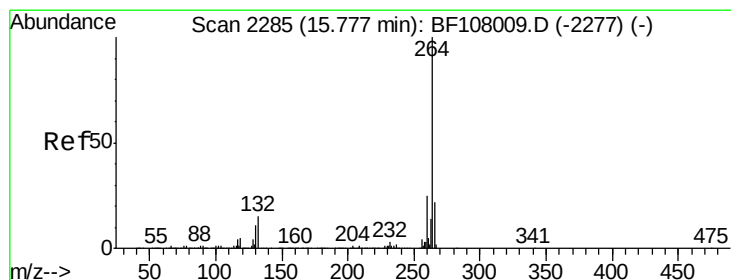
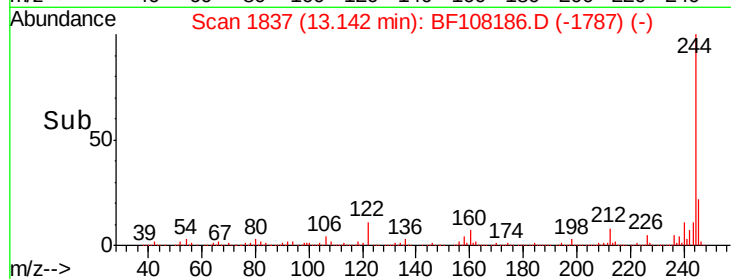
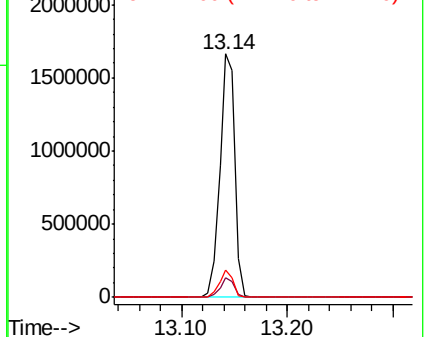
122 11.5 11.0 16.4



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: BF108186.D

Acq: 16 Aug 2018 00:46

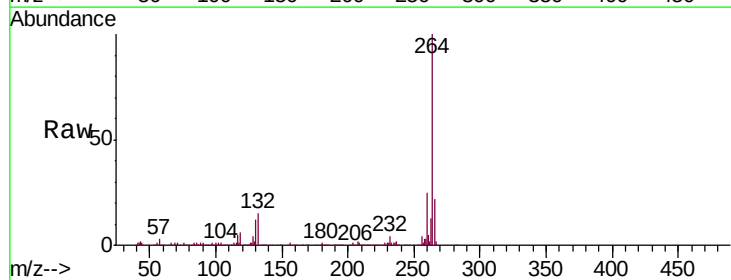
Tgt Ion:264 Resp: 434959

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.5 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

