

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108187.D
 Acq On : 16 Aug 2018 1:13
 Operator : JU/SJ
 Sample : J4440-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 16 01:54:11 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	196819	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	746158	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	359984	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	608396	20.00	ng	0.00
75) Chrysene-d12	14.21	240	437848	20.00	ng	-0.01
86) Perylene-d12	15.77	264	431656	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	472842	43.49	ng	0.00
7) Phenol-d6	6.62	99	392390	27.16	ng	0.00
23) Nitrobenzene-d5	7.58	82	1367320	102.26	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	294122	81.91	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2315522	103.27	ng	0.00
78) Terphenyl-d14	13.15	244	1672198	97.10	ng	0.00

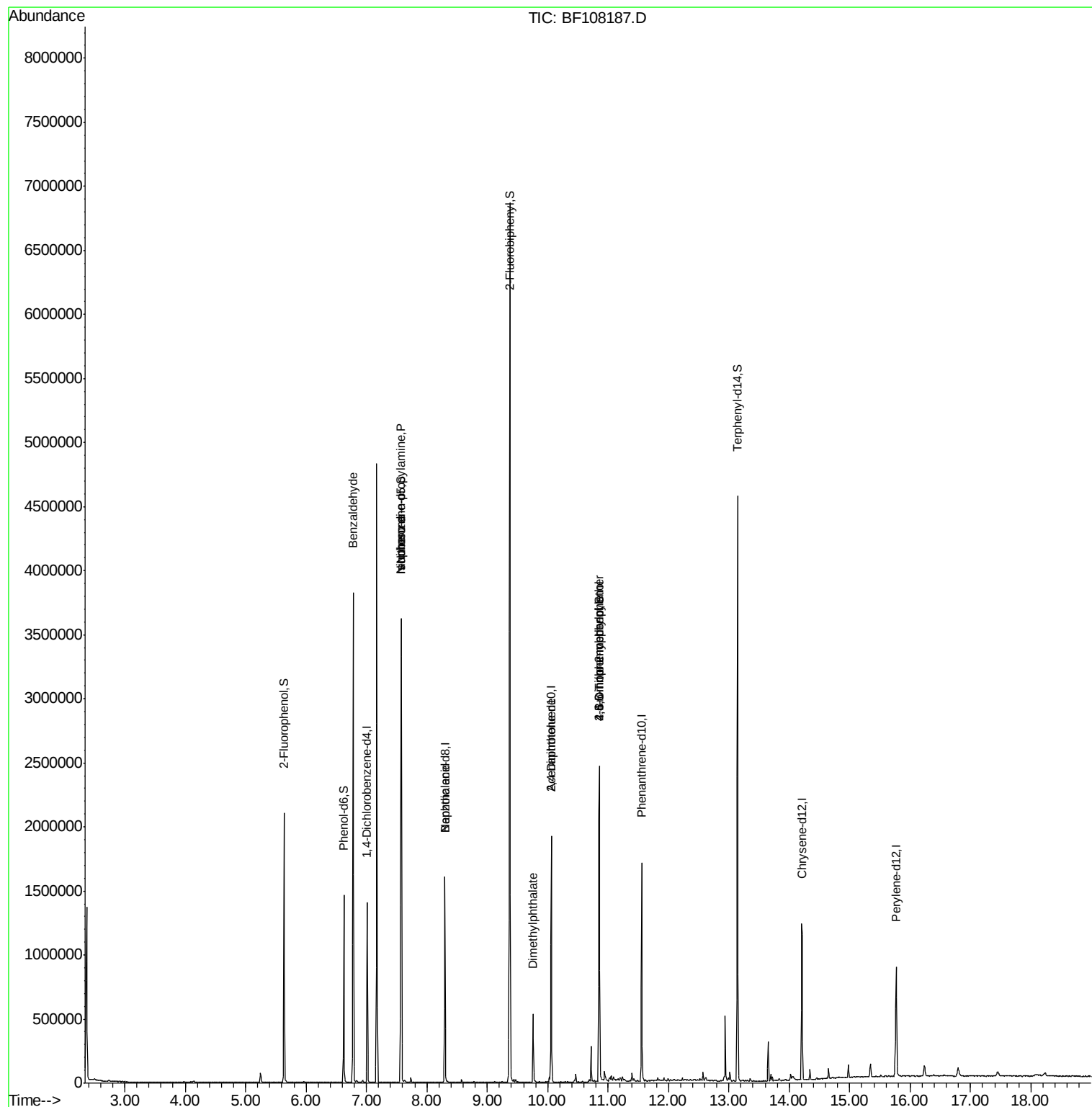
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	22635	2.021	ng	# 74
19) n-Nitroso-di-n-propylamine	7.58	70	190272	19.477	ng	# 84
25) Isophorone	7.58	82	1359294	53.333	ng	# 64
32) Benzoic acid	8.30	122	115	5.990	ng	# 1
49) Dimethylphthalate	9.76	163	206864	8.250	ng	99
56) 2,4-Dinitrotoluene	10.06	165	45929	6.801	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.85	198	703	5.632	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	19343	2.926	ng	# 1

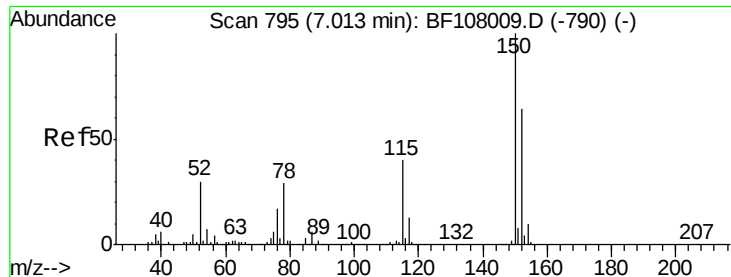
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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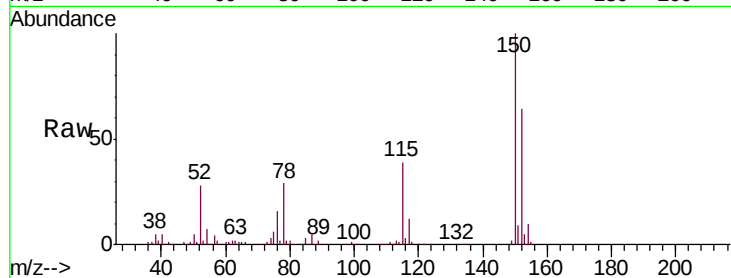


#1

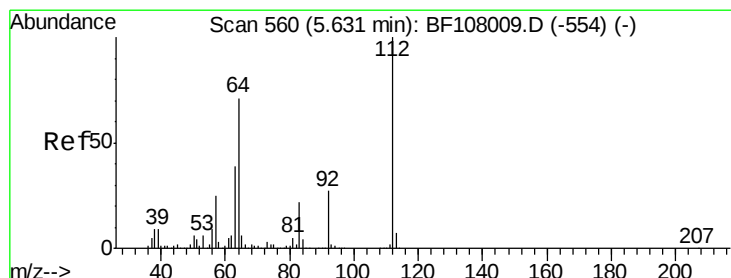
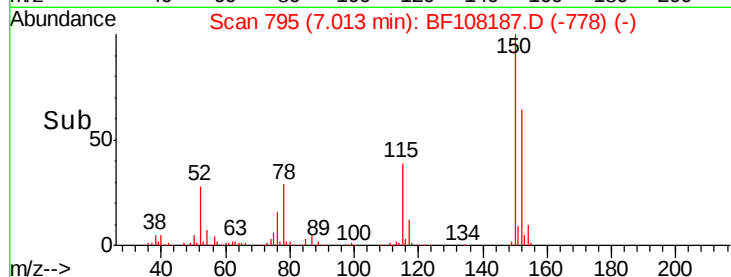
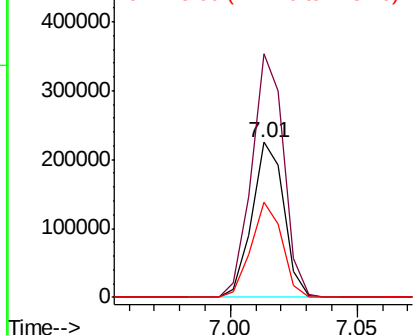
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	61.6	50.1	75.1



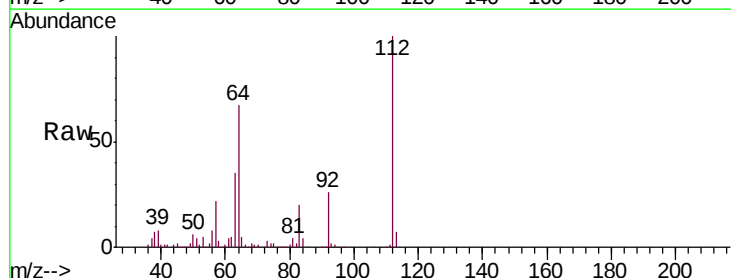
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



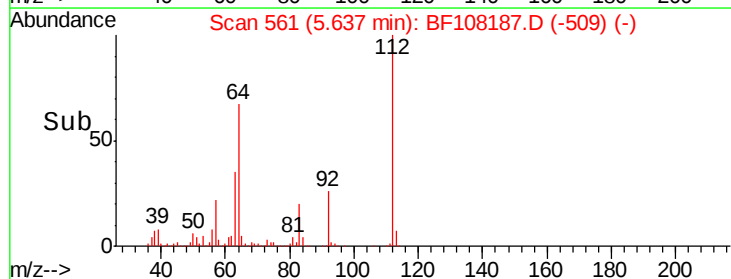
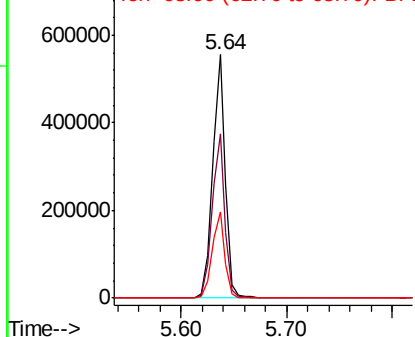
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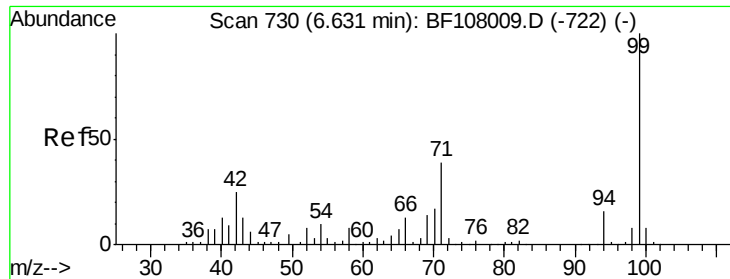
2-Fluorophenol
Concen: 43.495 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	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: 27.162 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

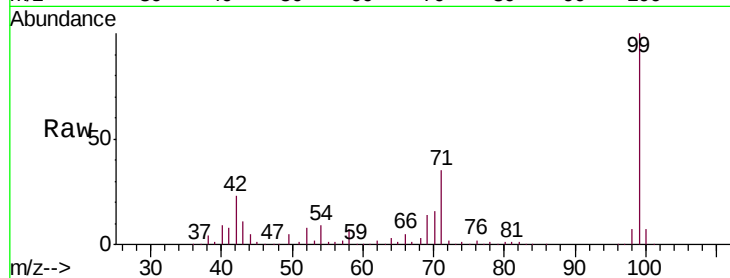
Tgt Ion: 99 Resp: 392390

Ion Ratio Lower Upper

99 100

42 22.6 14.5 21.7#

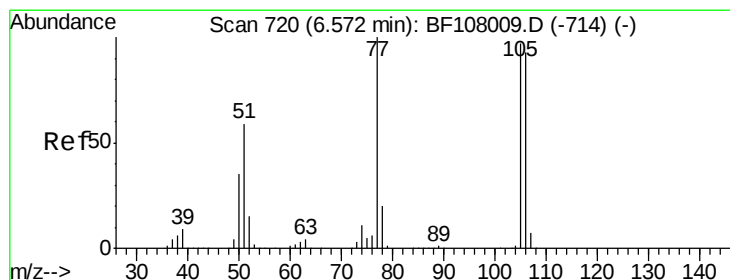
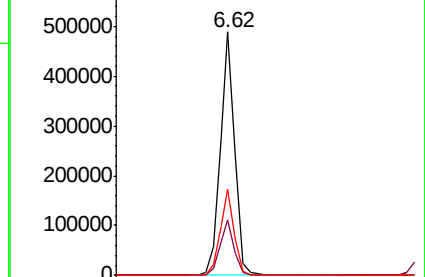
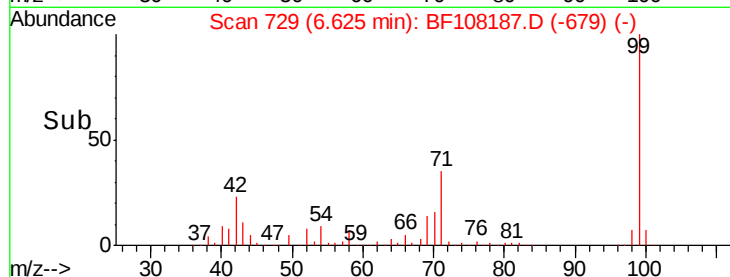
71 35.4 25.4 38.0



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: 2.021 ng

RT: 6.78 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

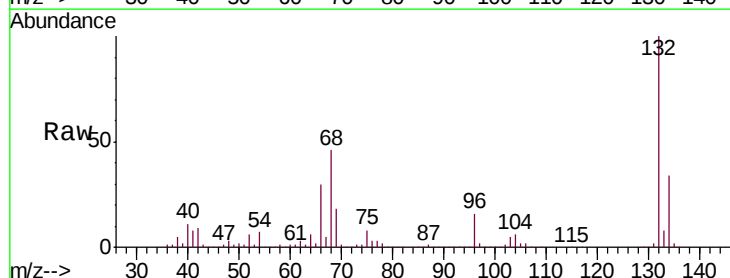
Tgt Ion: 77 Resp: 22635

Ion Ratio Lower Upper

77 100

105 76.2 81.1 121.1#

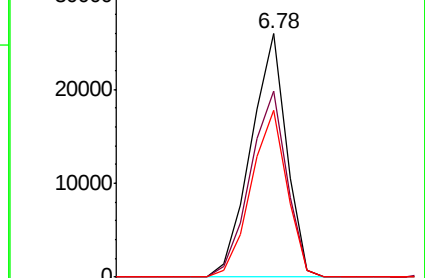
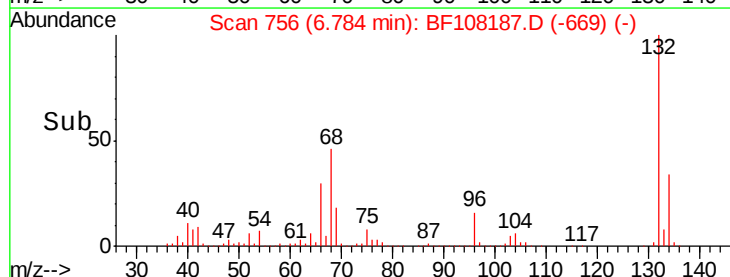
106 68.4 74.5 114.5#

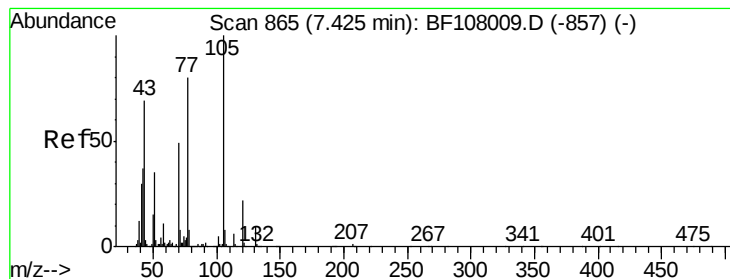


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 19.477 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

Tgt Ion: 70 Resp: 190272

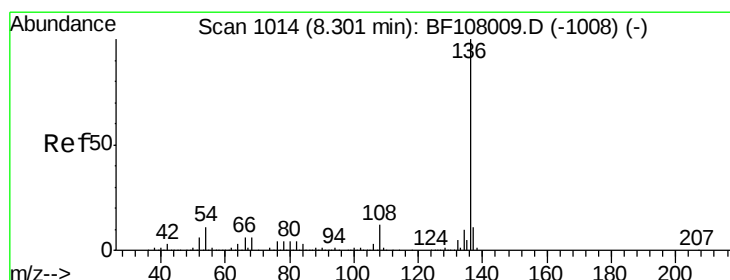
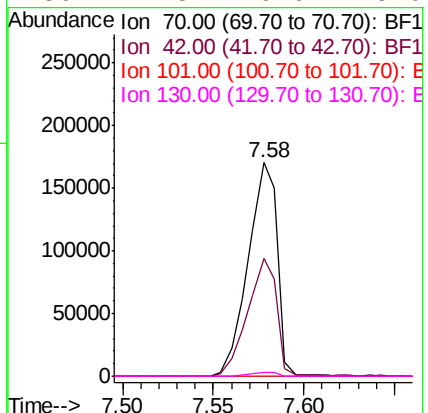
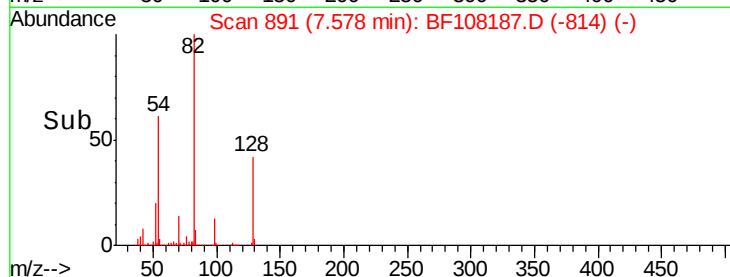
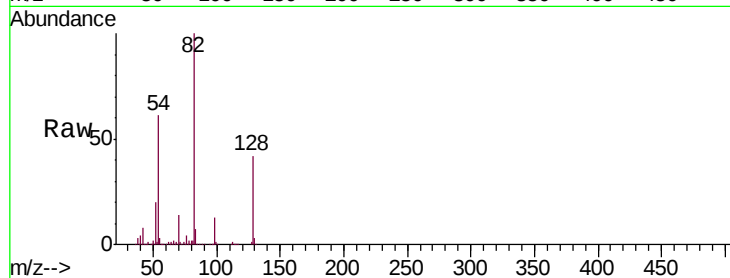
Ion Ratio Lower Upper

70 100

42 55.0 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: BF108187.D

Acq: 16 Aug 2018 1:13

Tgt Ion: 136 Resp: 746158

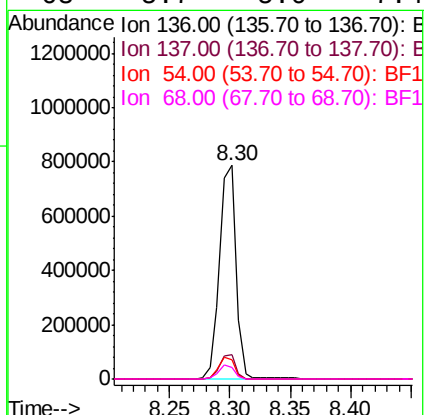
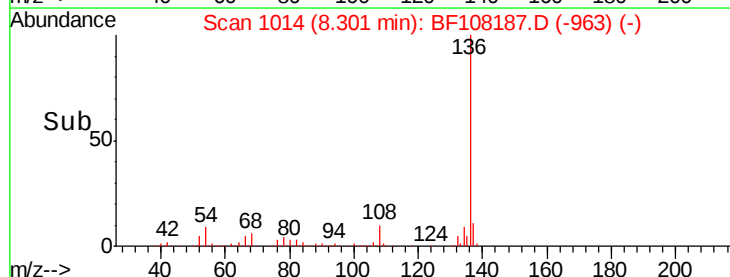
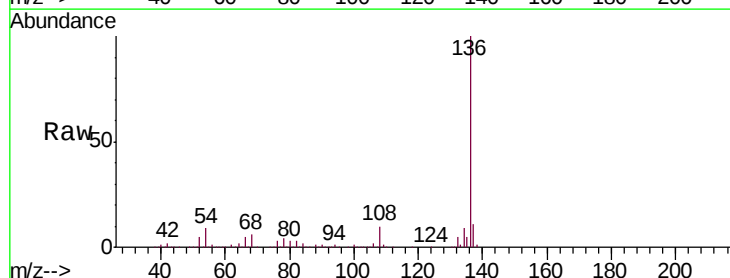
Ion Ratio Lower Upper

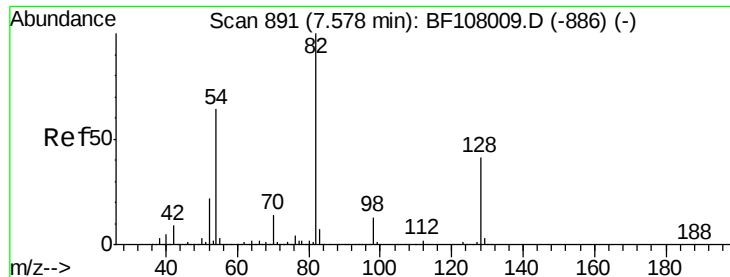
136 100

137 11.1 8.9 13.3

54 9.2 6.6 9.8

68 5.7 5.0 7.4

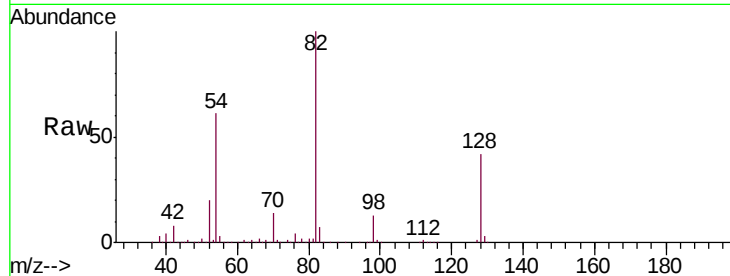




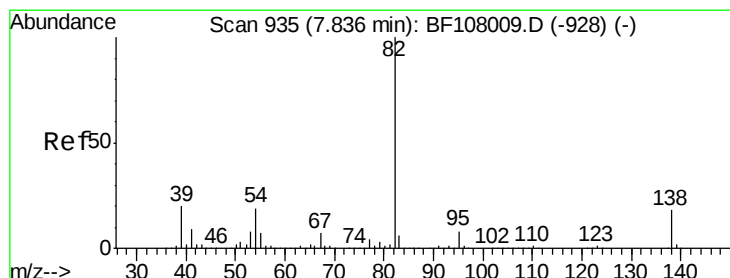
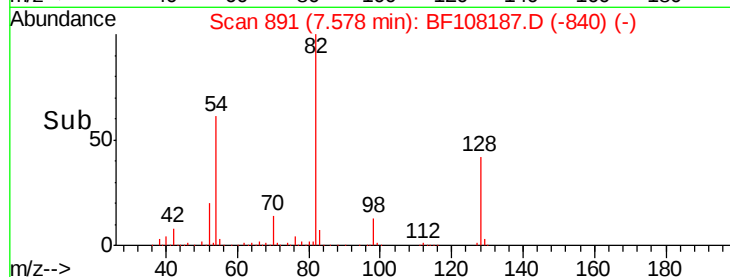
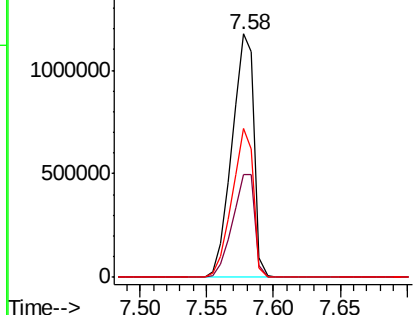
#23
Nitrobenzene-d5
Concen: 102.255 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

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

Tgt Ion: 82 Resp: 1367320
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 61.3 41.4 62.2

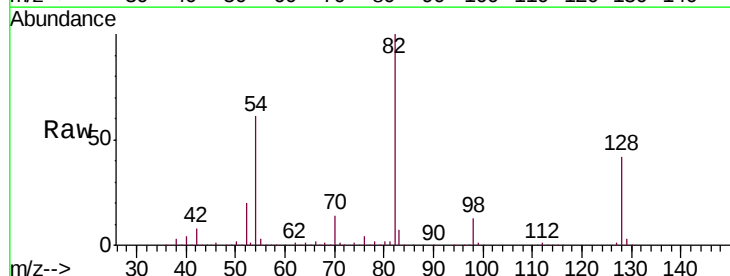


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

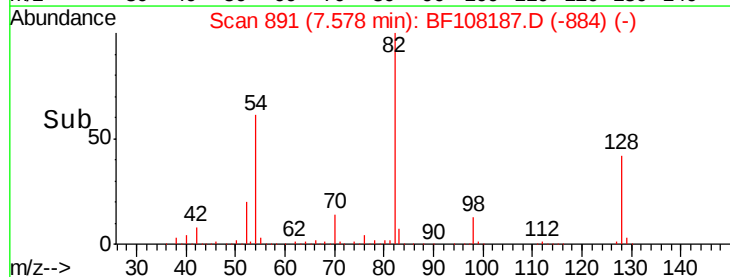
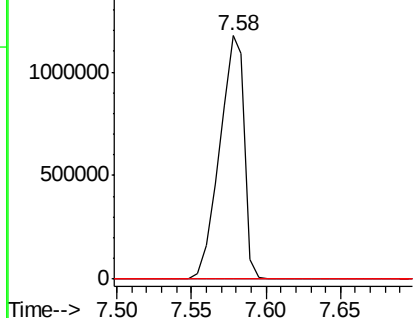


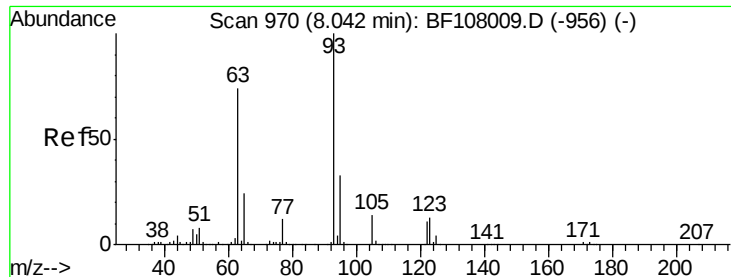
#25
Isophorone
Concen: 53.333 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Tgt Ion: 82 Resp: 1359294
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: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

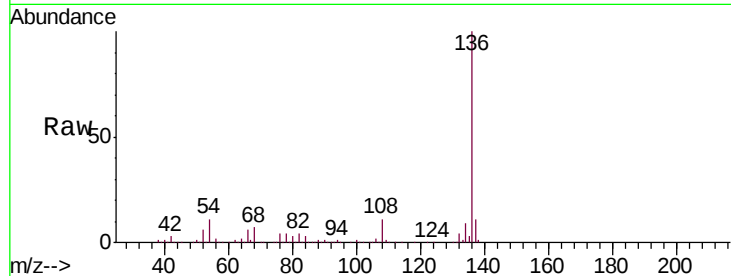
Tgt Ion:122 Resp: 115

Ion Ratio Lower Upper

122 100

105 241.3 101.1 141.1#

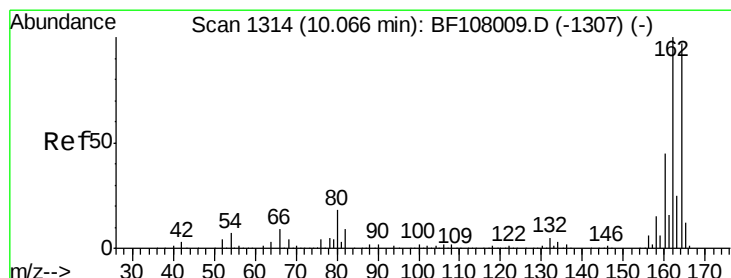
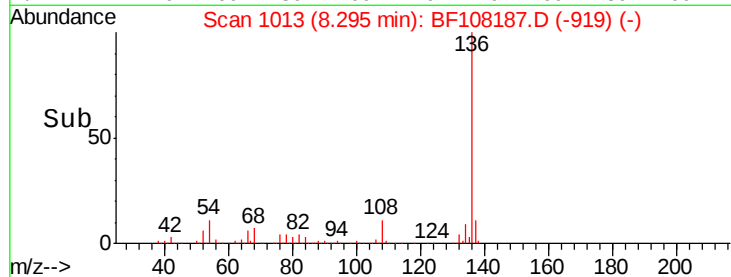
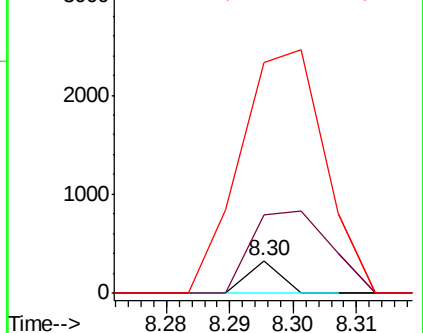
77 713.5 70.7 110.7#



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: BF108187.D

Acq: 16 Aug 2018 1:13

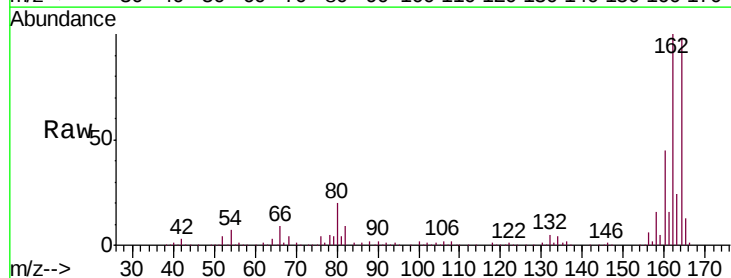
Tgt Ion:164 Resp: 359984

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

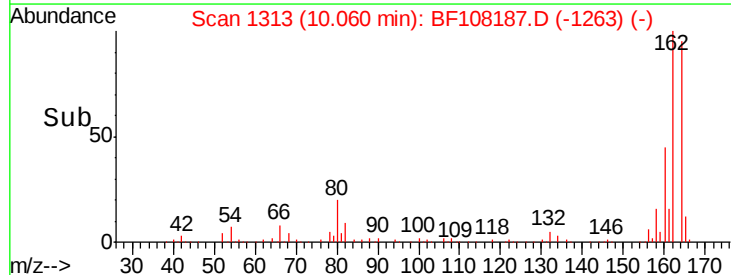
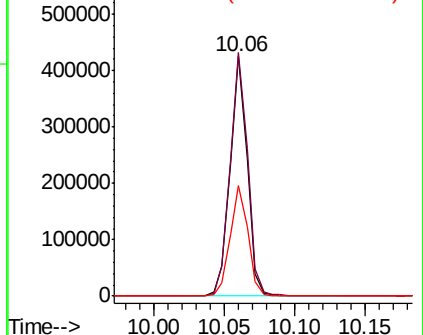
160 46.0 38.3 57.5

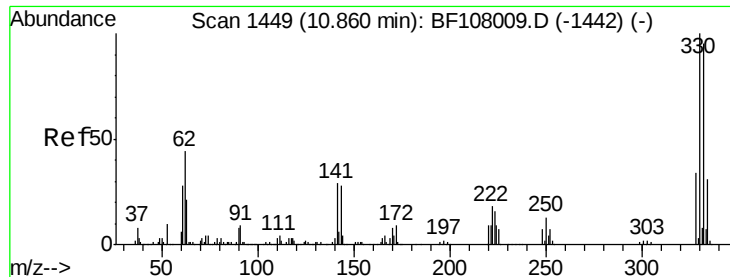


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

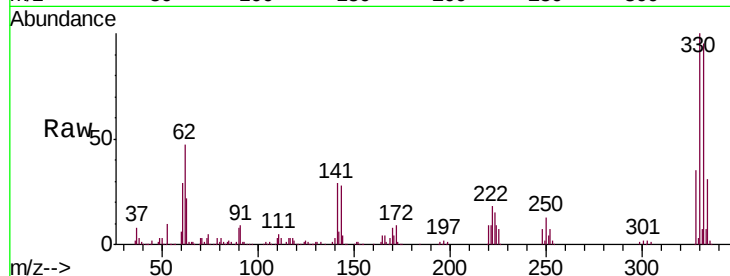




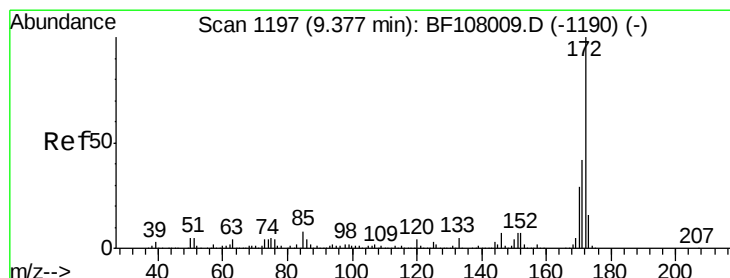
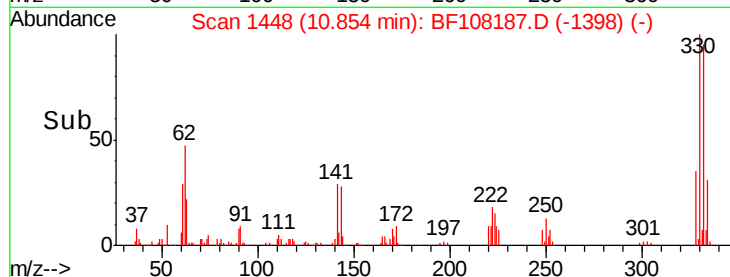
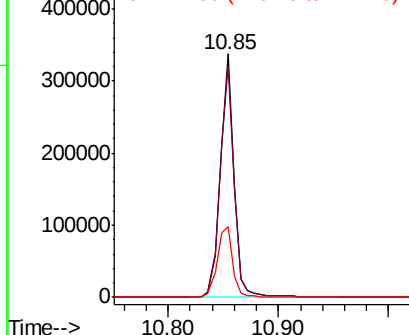
#41
 2,4,6-Tribromophenol
 Concen: 81.911 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108187.D
 Acq: 16 Aug 2018 1:13

Instrument :
 BNA_F
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 080918-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	32.5	29.9	44.9

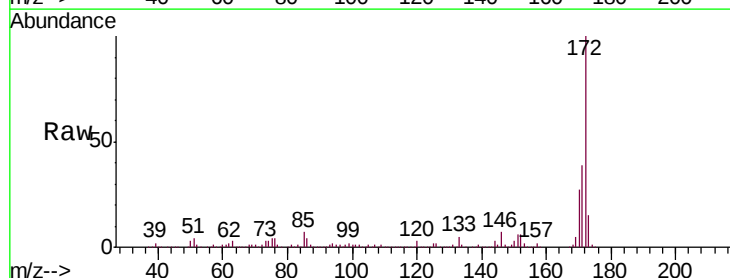


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

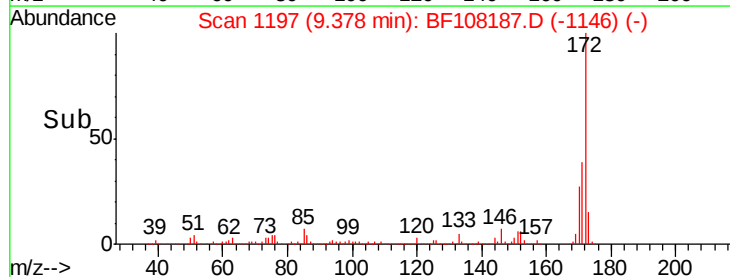
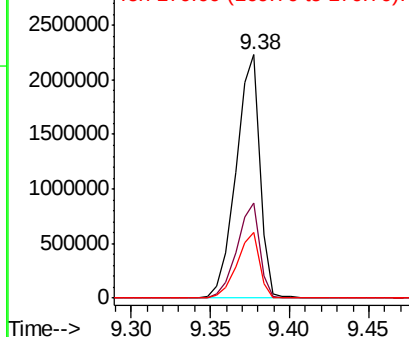


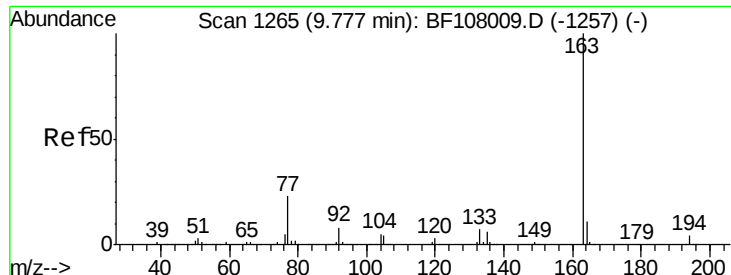
#44
 2-Fluorobiphenyl
 Concen: 103.268 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108187.D
 Acq: 16 Aug 2018 1:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.2	29.7	44.5
170	27.0	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

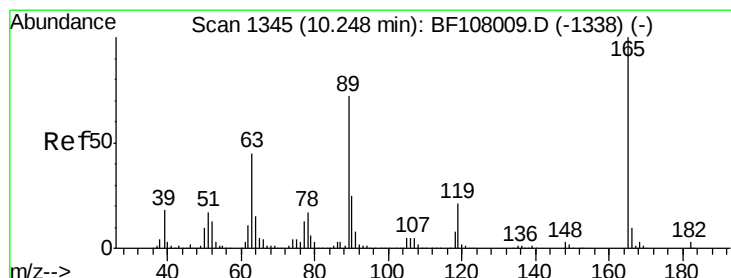
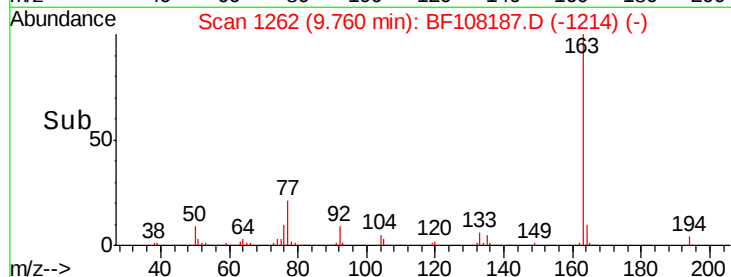
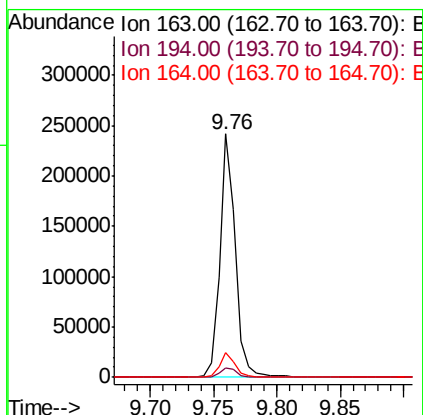
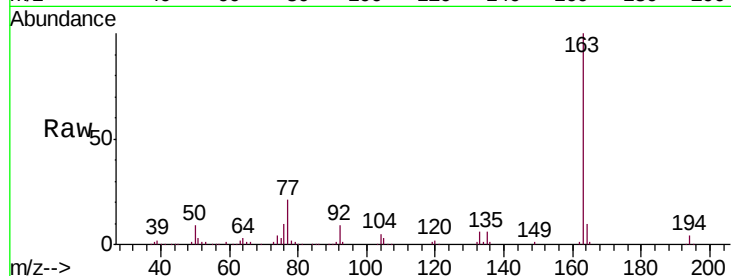




#49
Dimethylphthalate
Concen: 8.250 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

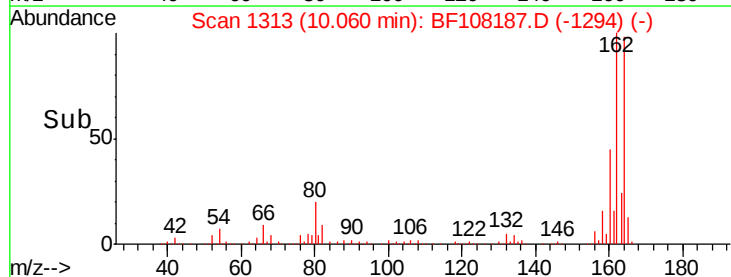
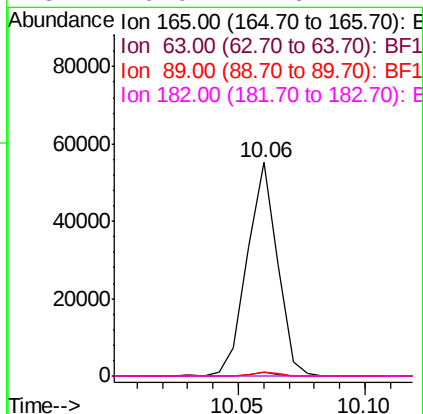
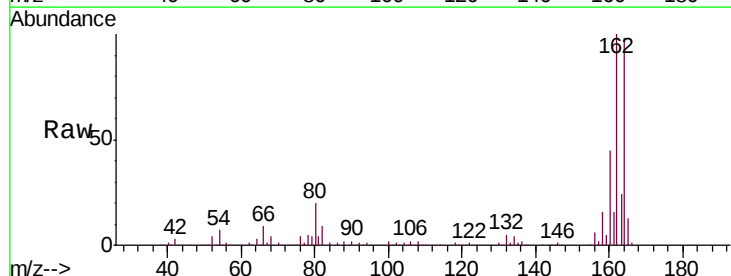
Instrument :
BNA_F
ClientSampleId :
080918-TIPC-F-D-S

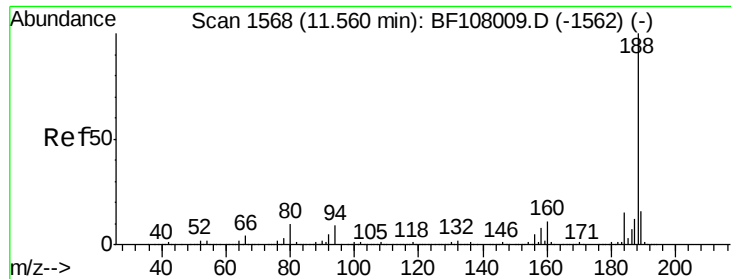
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.9	8.2	12.2



#56
2,4-Dinitrotoluene
Concen: 6.801 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#

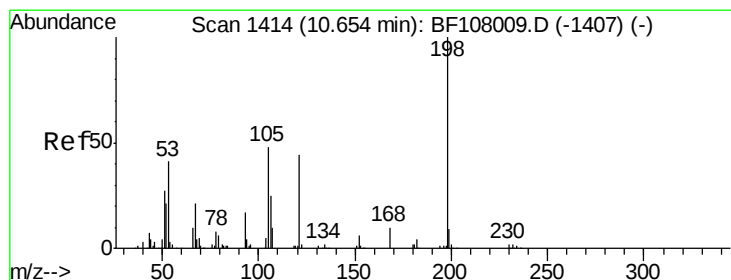
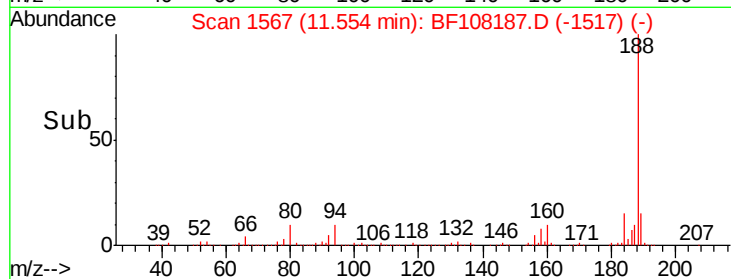
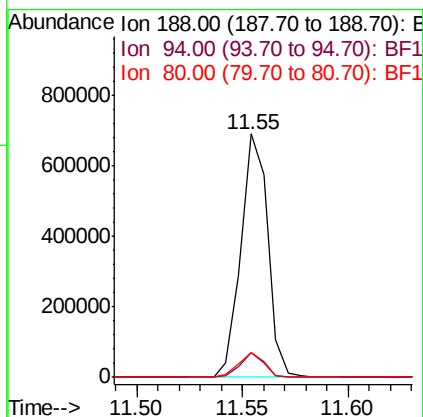
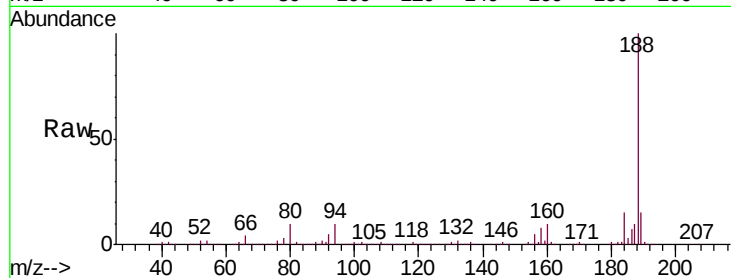




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108187.D
 Acq: 16 Aug 2018 1:13

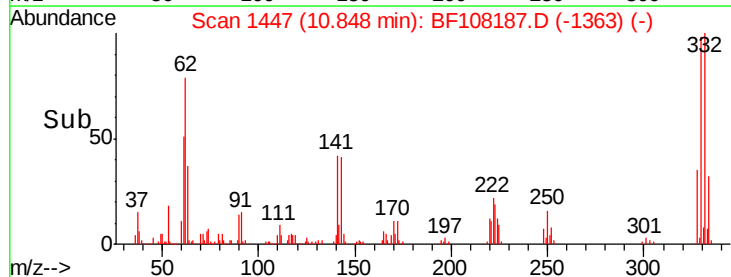
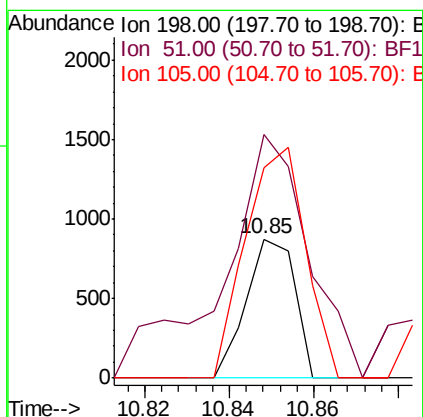
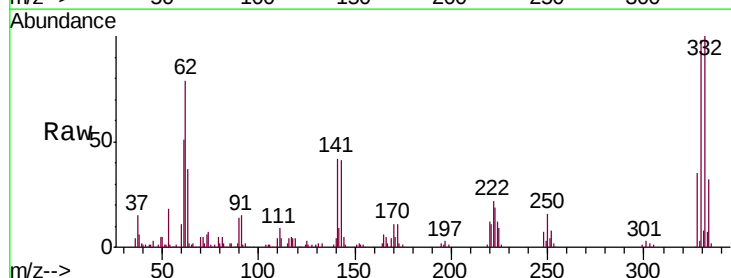
Instrument :
 BNA_F
 ClientSampleId :
 080918-TIPC-F-D-S

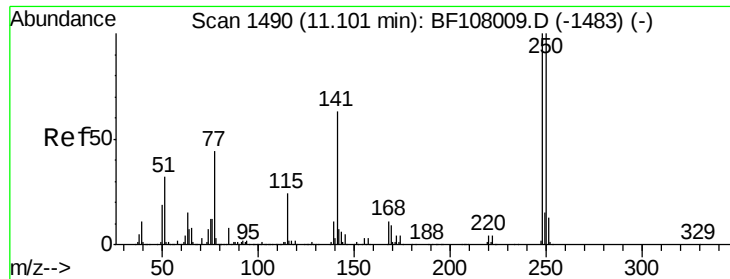
Tgt Ion:188 Resp: 608396
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.632 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. 0.20 min
 Lab File: BF108187.D
 Acq: 16 Aug 2018 1:13

Tgt Ion:198 Resp: 703
 Ion Ratio Lower Upper
 198 100
 51 175.2 37.7 77.7#
 105 151.3 36.3 76.3#

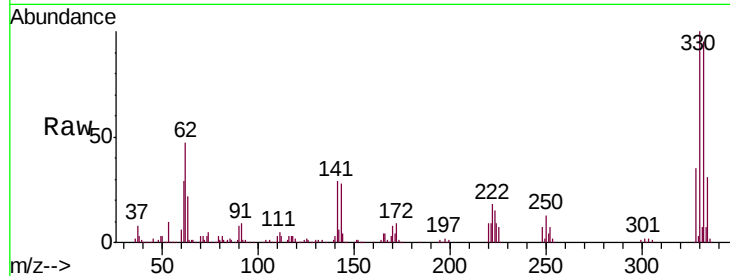




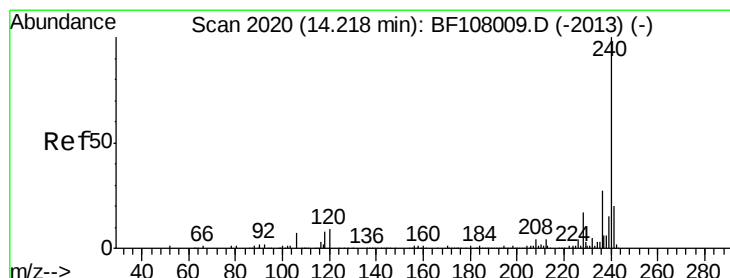
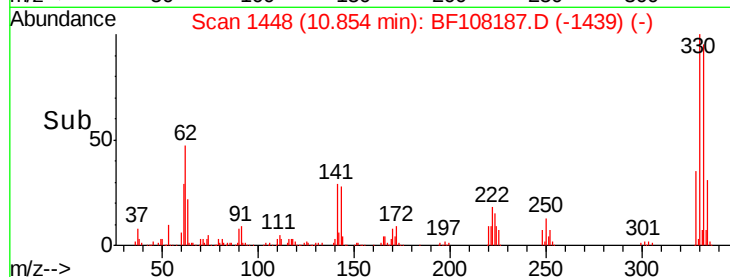
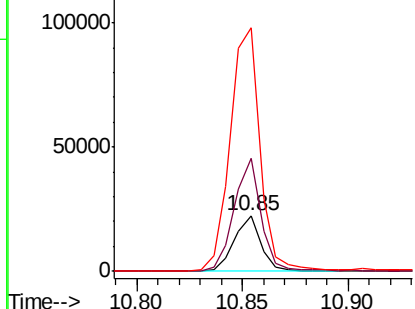
#66
4-Bromophenyl-phenylether
Concen: 2.926 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

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

Tgt Ion:248 Resp: 19343
Ion Ratio Lower Upper
248 100
250 202.8 76.9 115.3#
141 438.2 74.4 111.6#

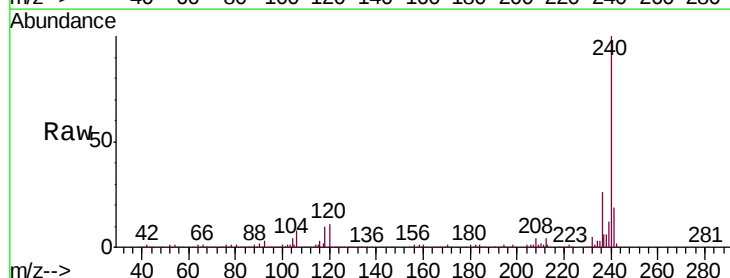


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

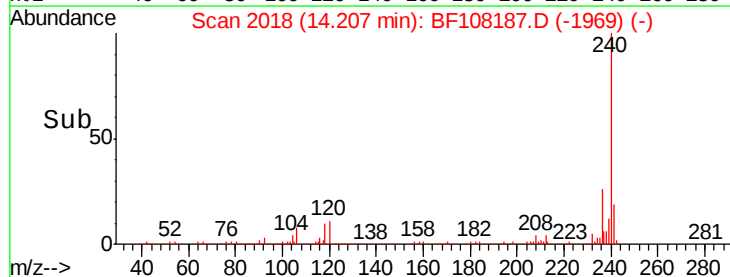
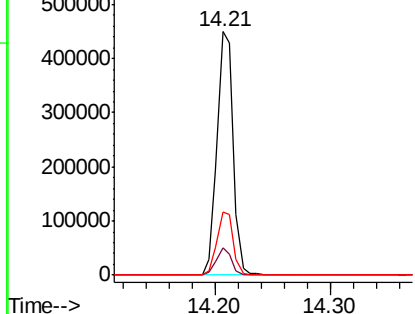


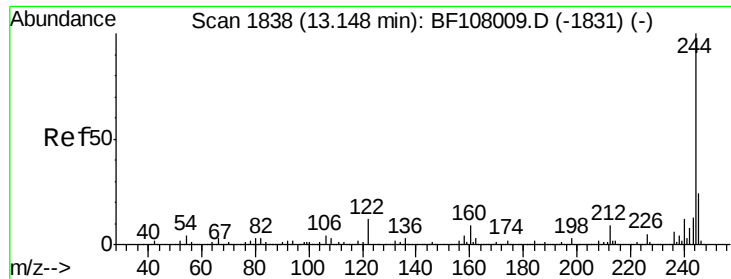
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF108187.D
Acq: 16 Aug 2018 1:13

Tgt Ion:240 Resp: 437848
Ion Ratio Lower Upper
240 100
120 11.3 9.5 14.3
236 25.9 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: 97.104 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108187.D

Acq: 16 Aug 2018 1:13

Instrument :

BNA_F

ClientSampleId :

080918-TIPC-F-D-S

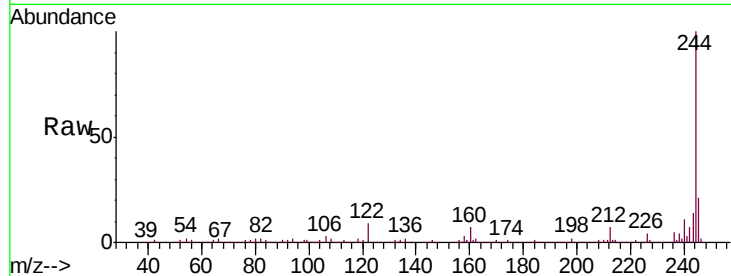
Tgt Ion:244 Resp: 1672198

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

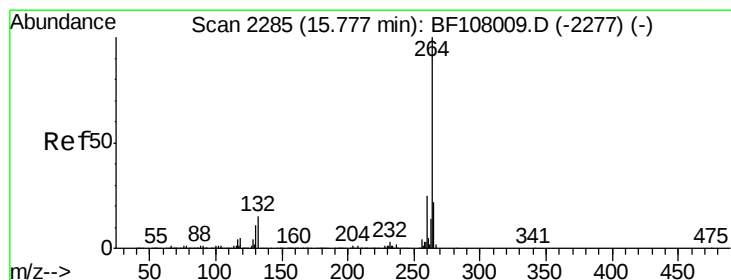
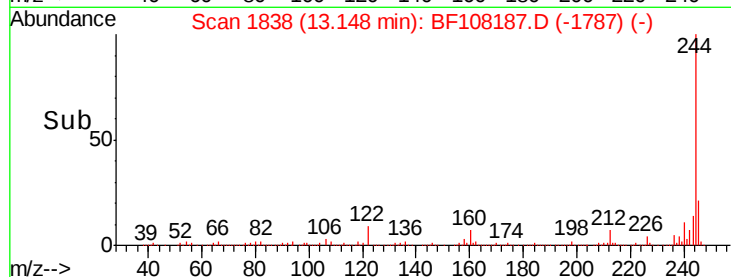
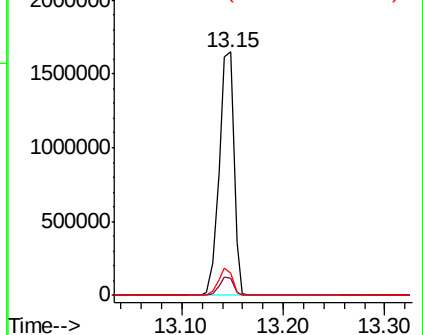
122 9.0 11.0 16.4#



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: BF108187.D

Acq: 16 Aug 2018 1:13

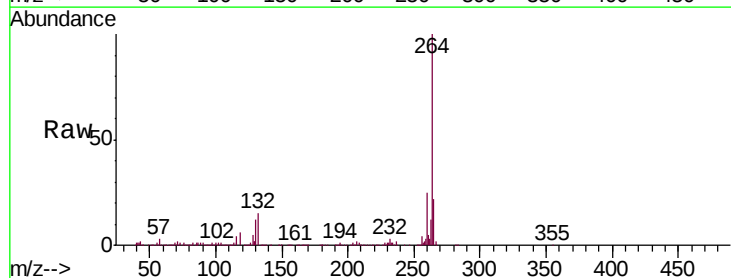
Tgt Ion:264 Resp: 431656

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.7 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

