

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
 Data File : BF108103.D
 Acq On : 11 Aug 2018 00:04
 Operator : JU/SJ
 Sample : J4393-04RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JTY-BALLARDS-1-2RE

Quant Time: Aug 11 00:33:47 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

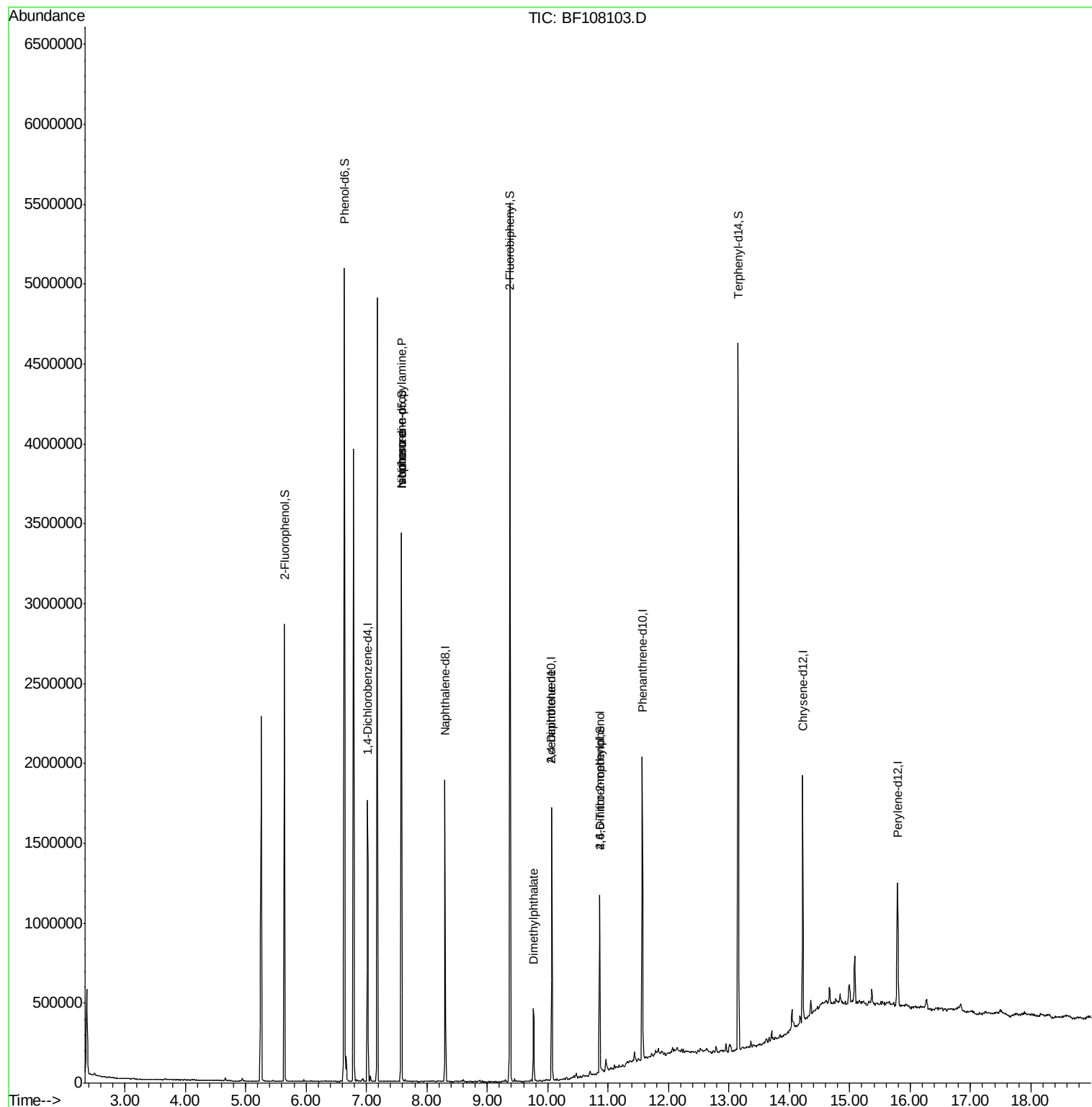
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	241174	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	825780	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	358497	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	631408	20.00	ng	0.00
75) Chrysene-d12	14.22	240	522576	20.00	ng	0.00
86) Perylene-d12	15.79	264	383298	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	640250	48.06	ng	0.01
7) Phenol-d6	6.64	99	1625434	91.82	ng	0.00
23) Nitrobenzene-d5	7.58	82	1123156	75.90	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	121683	34.03	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1627939	72.90	ng	0.00
78) Terphenyl-d14	13.15	244	1458930	70.98	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	155192	12.964	ng	# 82
25) Isophorone	7.58	82	1123139	39.818	ng	# 64
49) Dimethylphthalate	9.77	163	177616	7.113	ng	# 99
56) 2,4-Dinitrotoluene	10.07	165	45522	6.769	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.86	198	256	5.455	ng	# 1

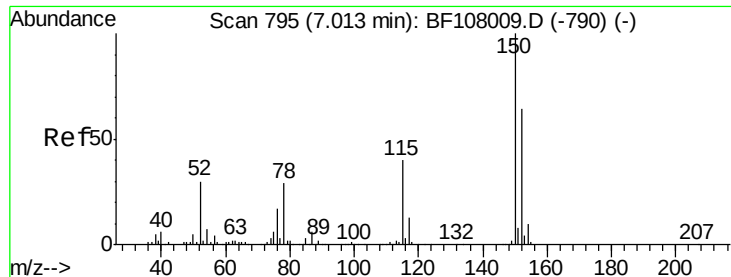
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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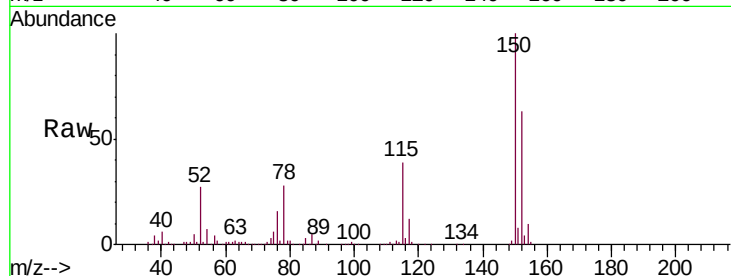


#1

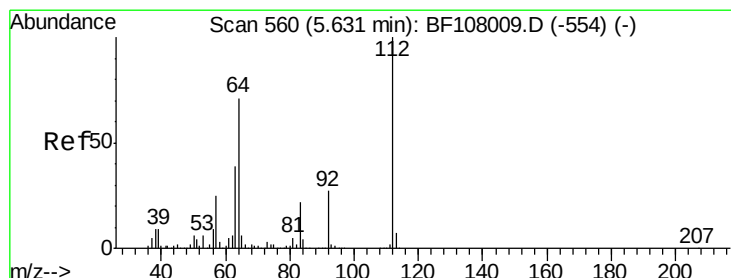
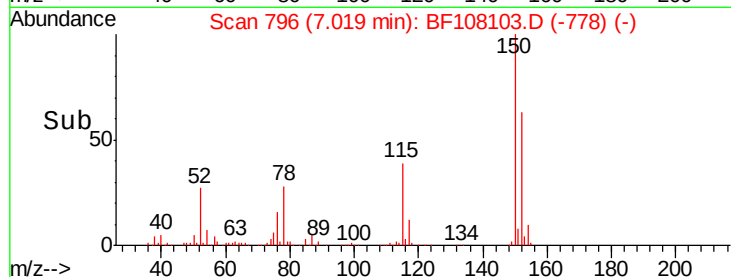
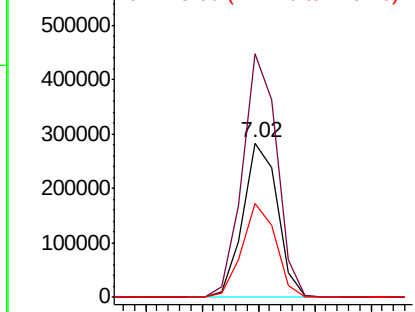
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :
JTY-BALLARDS-1-2RE

Tgt Ion	Resp	Lower	Upper
152	241174		
150	158.0	124.6	186.8
115	61.1	50.1	75.1



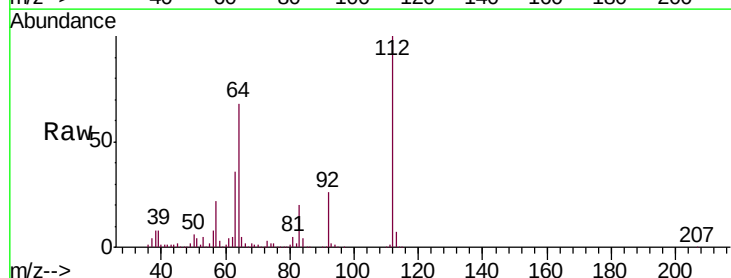
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



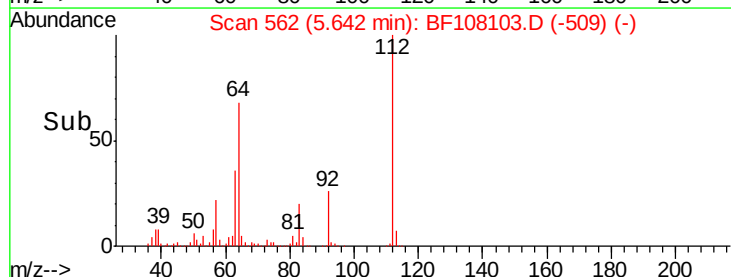
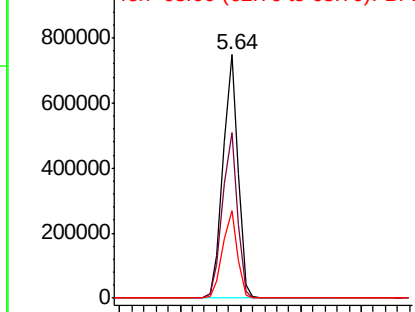
#5

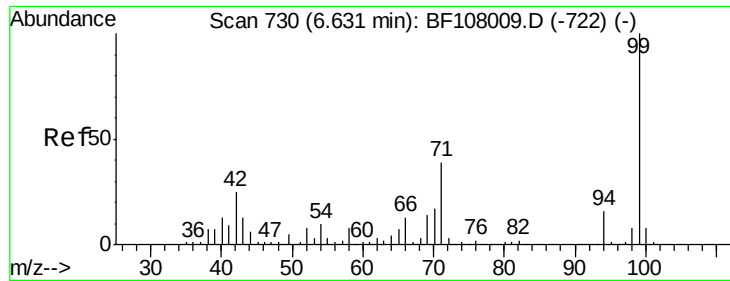
2-Fluorophenol
Concen: 48.063 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

Tgt Ion	Resp	Lower	Upper
112	640250		
64	68.1	47.9	71.9
63	35.8	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: 91.822 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108103.D

Acq: 11 Aug 2018 00:04

Instrument :

BNA_F

ClientSampleId :

JTY-BALLARDS-1-2RE

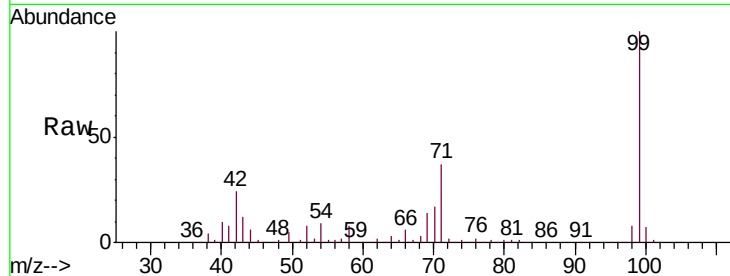
Tgt Ion: 99 Resp: 1625434

Ion Ratio Lower Upper

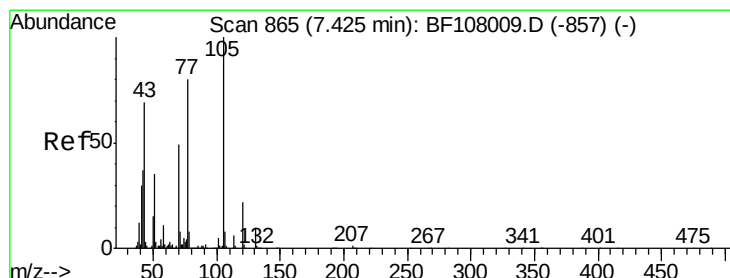
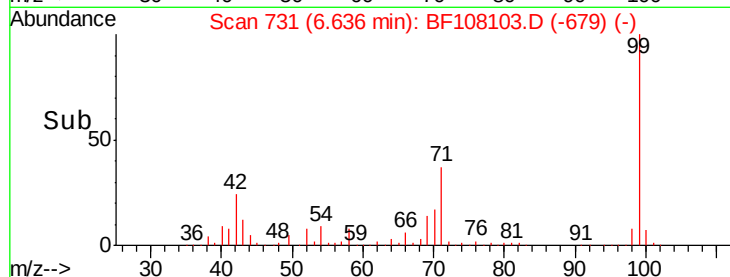
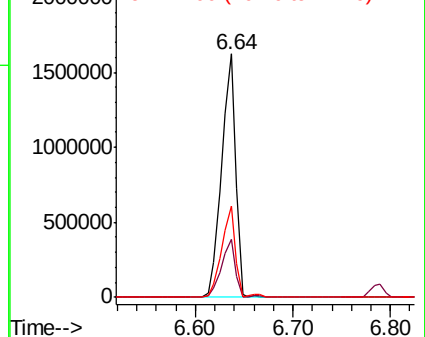
99 100

42 23.7 14.5 21.7#

71 37.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.964 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.16 min

Lab File: BF108103.D

Acq: 11 Aug 2018 00:04

Tgt Ion: 70 Resp: 155192

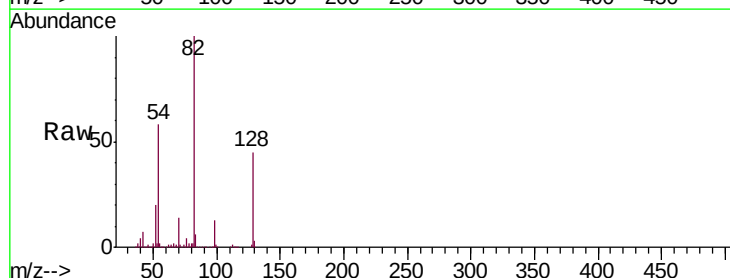
Ion Ratio Lower Upper

70 100

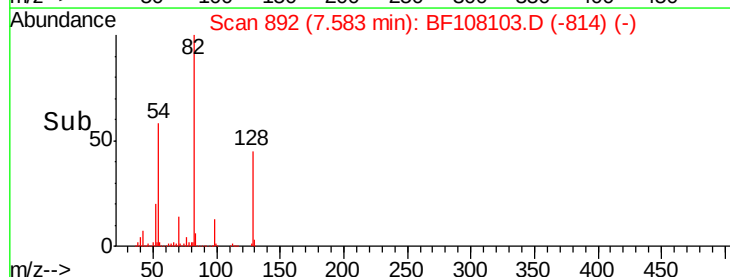
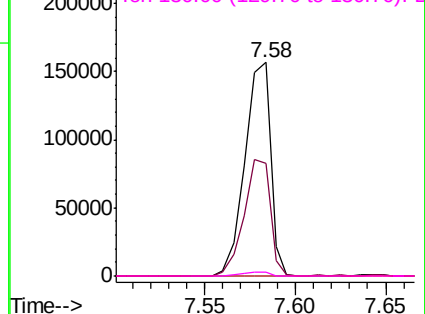
42 52.7 47.5 71.3

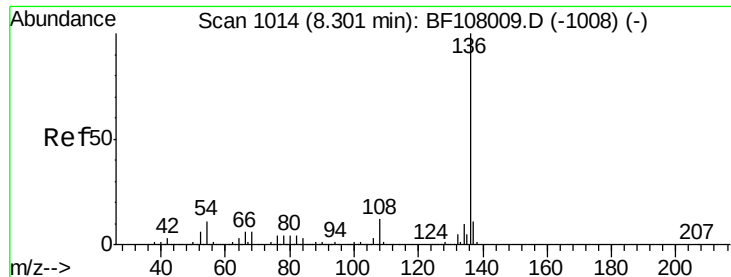
101 0.0 7.4 11.2#

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

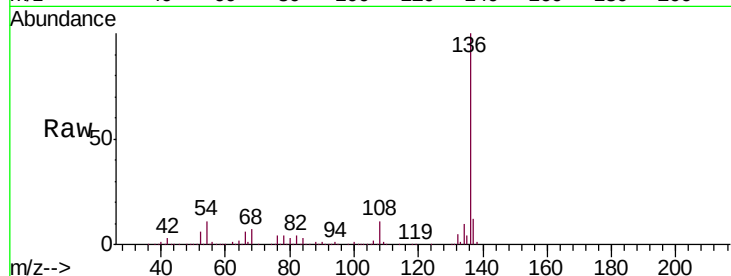




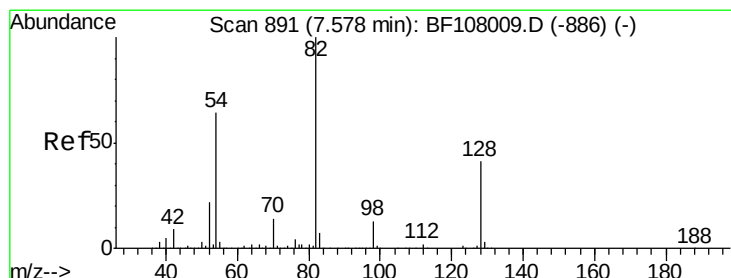
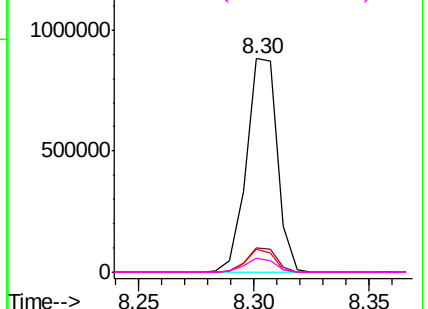
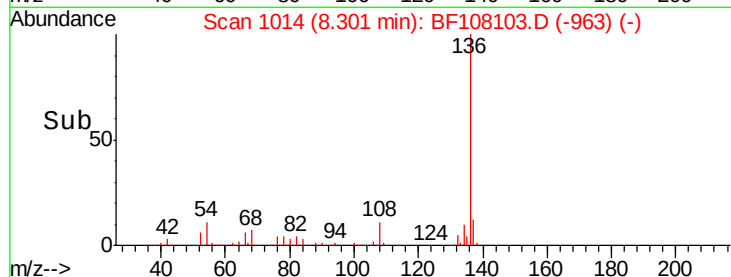
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :
JTY-BALLARDS-1-2RE

Tgt Ion:	136	Resp:	825780
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	11.0	6.6	9.8#
68	6.8	5.0	7.4

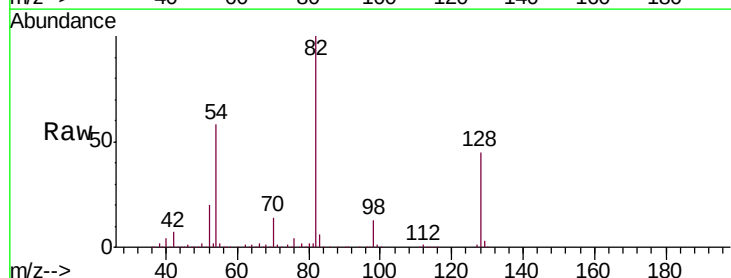


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

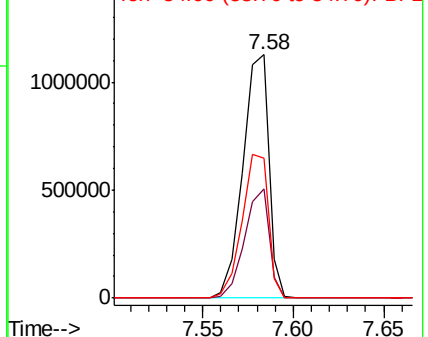
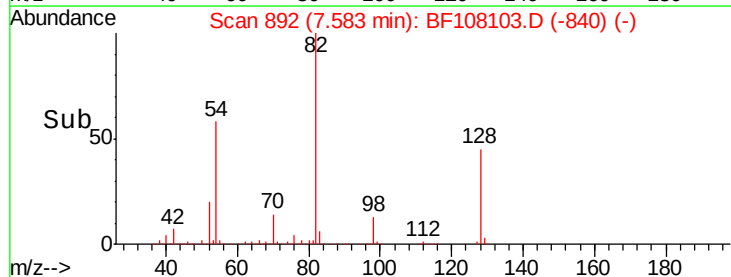


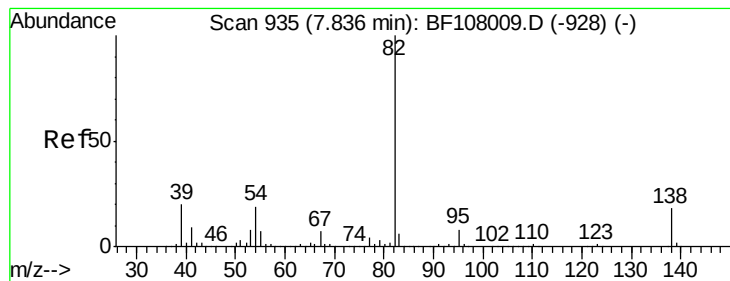
#23
Nitrobenzene-d5
Concen: 75.896 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

Tgt Ion:	82	Resp:	1123156
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.1	54.1
54	57.7	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: 39.818 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108103.D

Acq: 11 Aug 2018 00:04

Instrument :

BNA_F

ClientSampleId :

JTY-BALLARDS-1-2RE

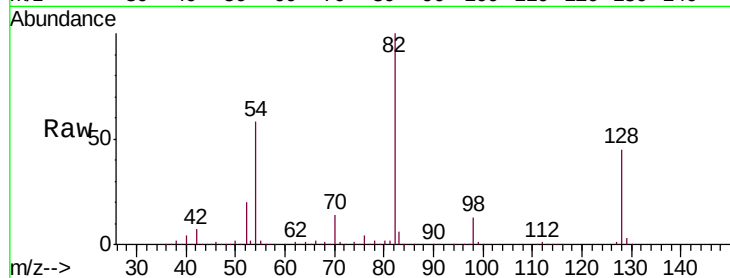
Tgt Ion: 82 Resp: 1123139

Ion Ratio Lower Upper

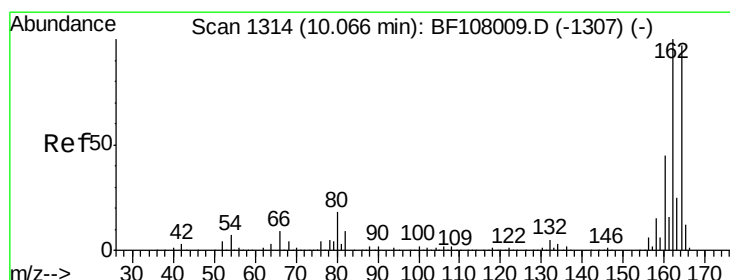
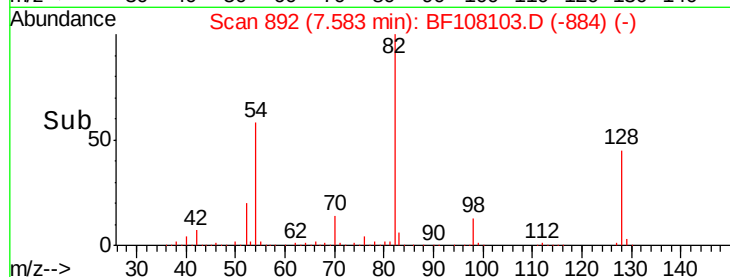
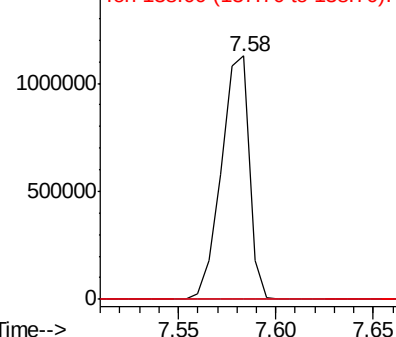
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF108103.D

Acq: 11 Aug 2018 00:04

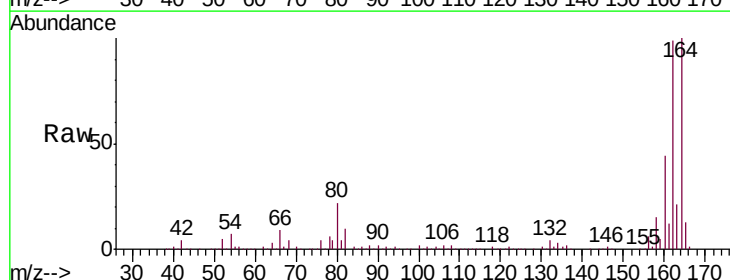
Tgt Ion: 164 Resp: 358497

Ion Ratio Lower Upper

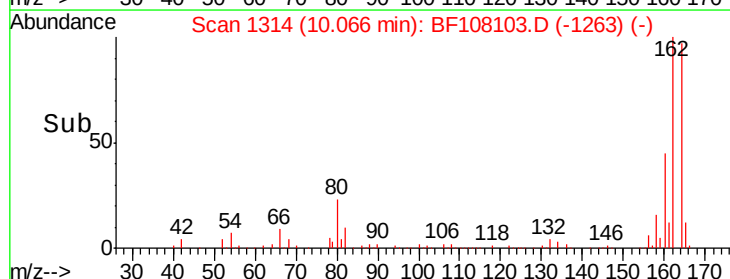
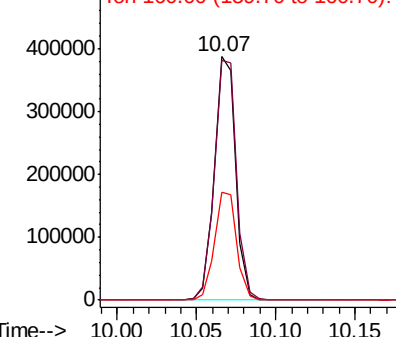
164 100

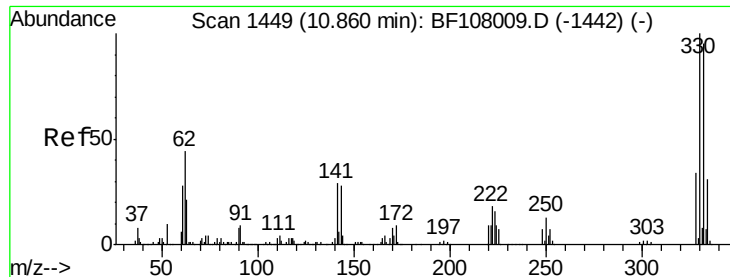
162 98.6 86.1 129.1

160 44.1 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

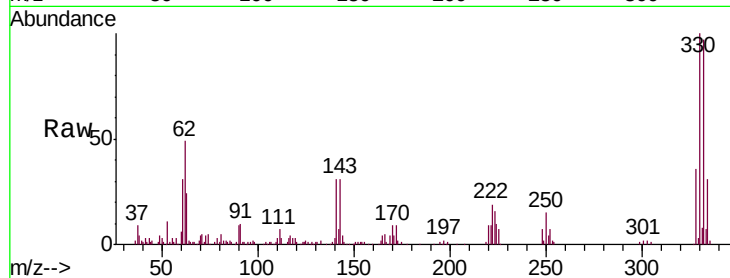




#41
 2,4,6-Tribromophenol
 Concen: 34.028 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108103.D
 Acq: 11 Aug 2018 00:04

Instrument :
 BNA_F
 ClientSampleId :
 JTY-BALLARDS-1-2RE

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.6	29.9	44.9

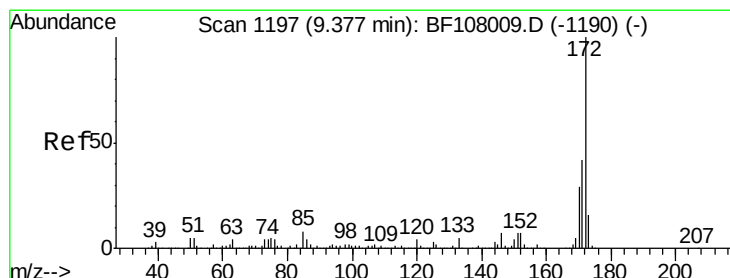
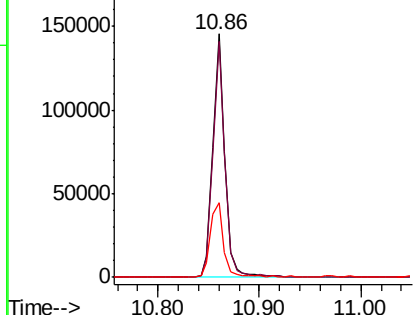
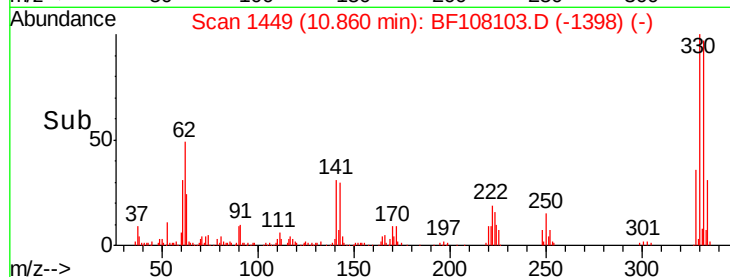


Abundance

Ion 329.80 (329.50 to 330.50): E

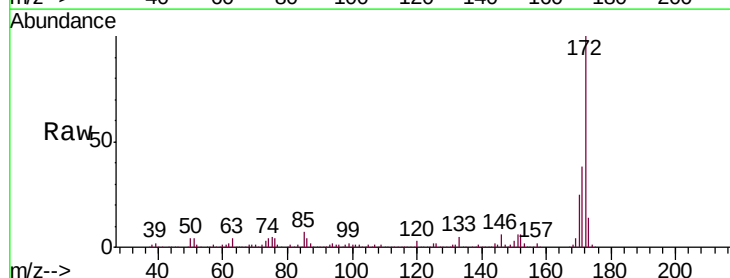
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.905 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108103.D
 Acq: 11 Aug 2018 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.3	19.6	29.4

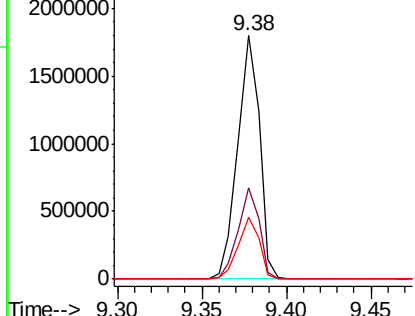
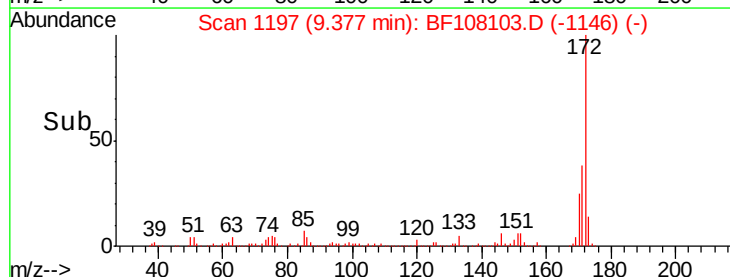


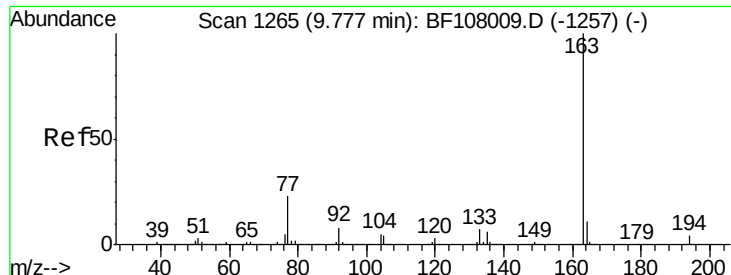
Abundance

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

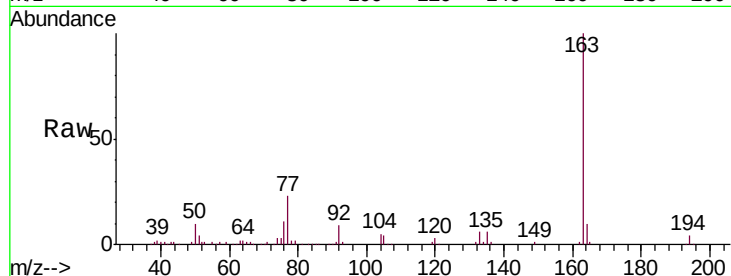




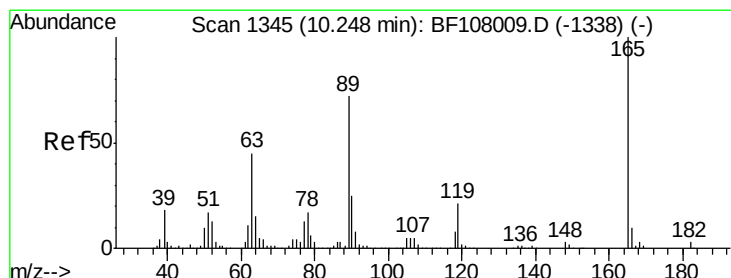
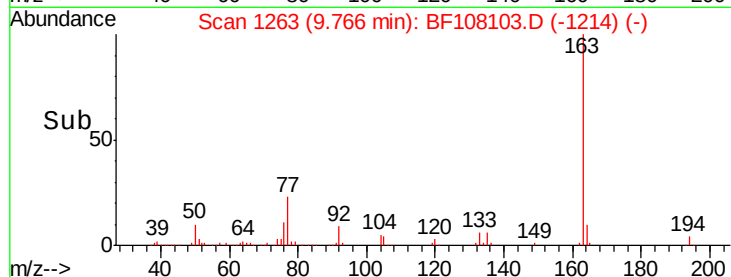
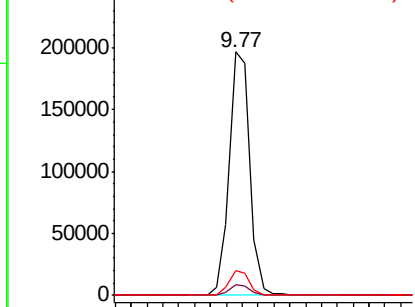
#49
 Dimethylphthalate
 Concen: 7.113 ng
 RT: 9.77 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF108103.D
 Acq: 11 Aug 2018 00:04

Instrument :
 BNA_F
 ClientSampleId :
 JTY-BALLARDS-1-2RE

Tgt Ion:	163	Resp:	177616
Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.2	8.2	12.2

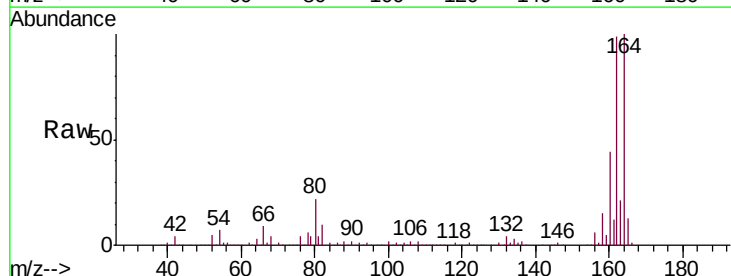


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

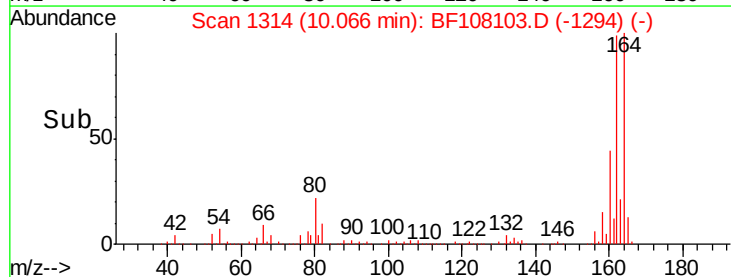
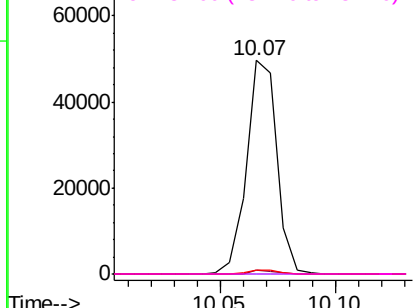


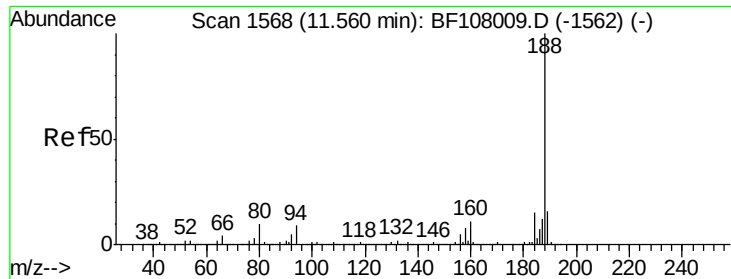
#56
 2,4-Dinitrotoluene
 Concen: 6.769 ng
 RT: 10.07 min Scan# 1314
 Delta R.T. -0.18 min
 Lab File: BF108103.D
 Acq: 11 Aug 2018 00:04

Tgt Ion:	165	Resp:	45522
Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.8	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

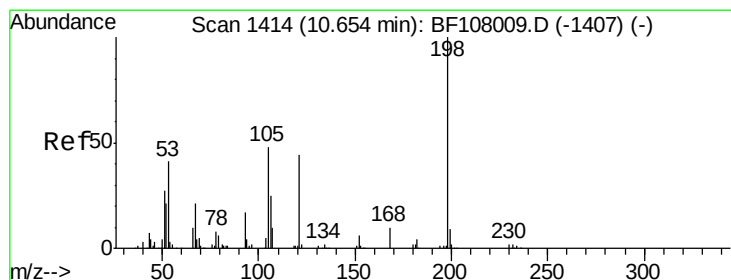
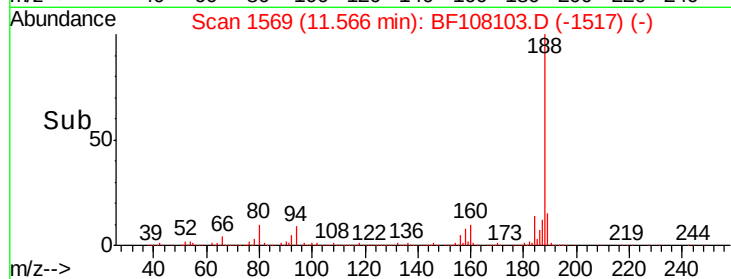
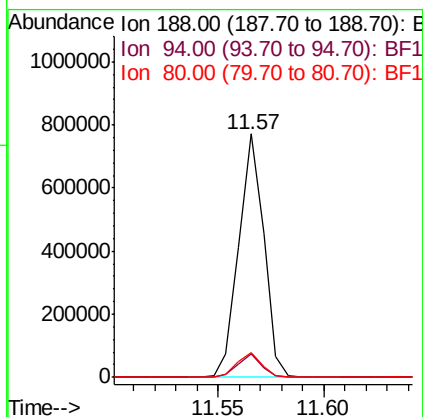
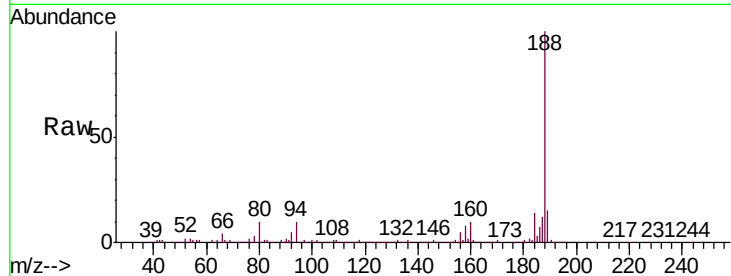




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

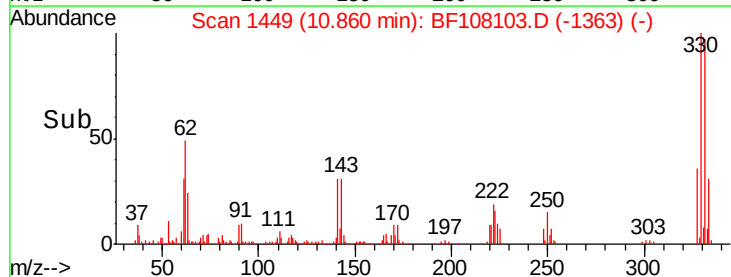
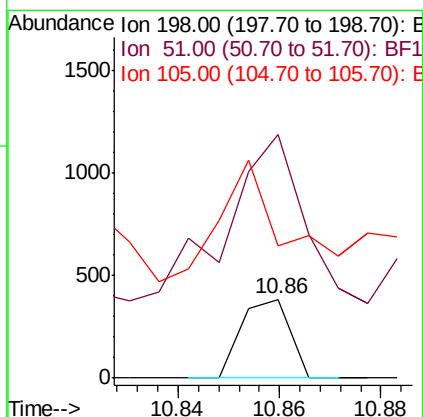
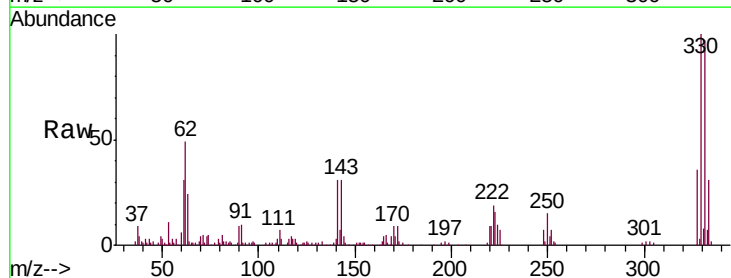
Instrument :
BNA_F
ClientSampleId :
JTY-BALLARDS-1-2RE

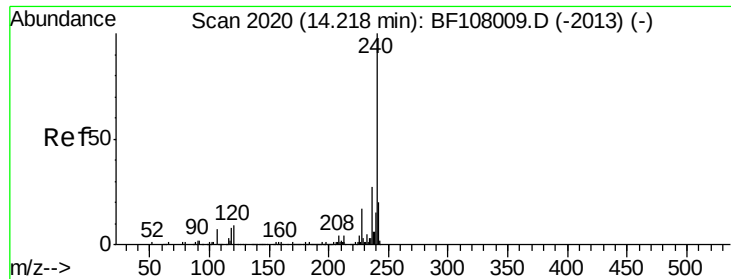
Tgt Ion:188 Resp: 631408
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 5.455 ng
RT: 10.86 min Scan# 1449
Delta R.T. 0.21 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

Tgt Ion:198 Resp: 256
Ion Ratio Lower Upper
198 100
51 309.9 37.7 77.7#
105 168.9 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.22 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF108103.D

Acq: 11 Aug 2018 00:04

Instrument :

BNA_F

ClientSampleId :

JTY-BALLARDS-1-2RE

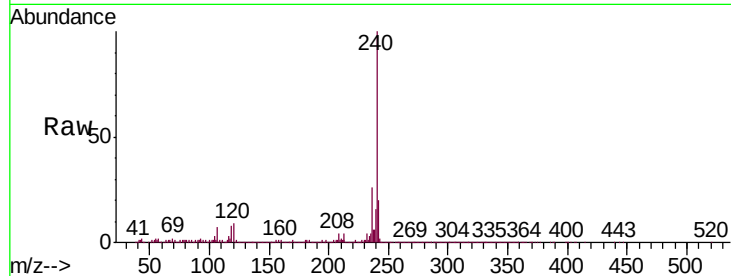
Tgt Ion:240 Resp: 522576

Ion Ratio Lower Upper

240 100

120 9.3 9.5 14.3#

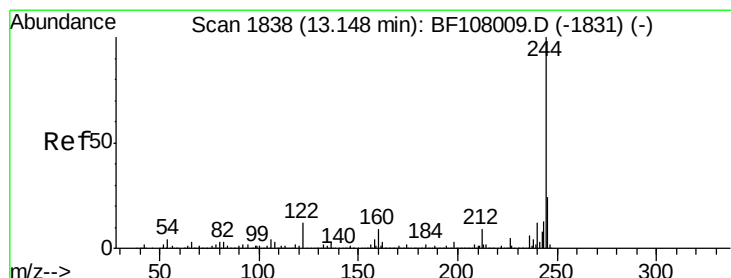
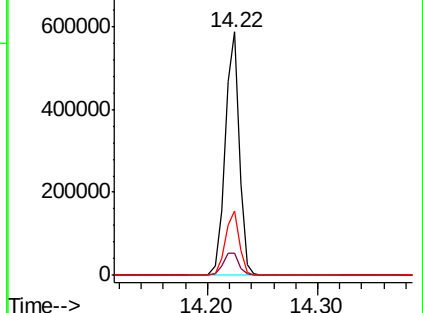
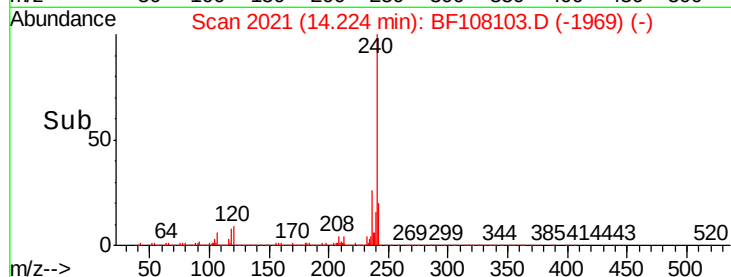
236 26.2 20.7 31.1



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: 70.984 ng

RT: 13.15 min Scan# 1839

Delta R.T. 0.01 min

Lab File: BF108103.D

Acq: 11 Aug 2018 00:04

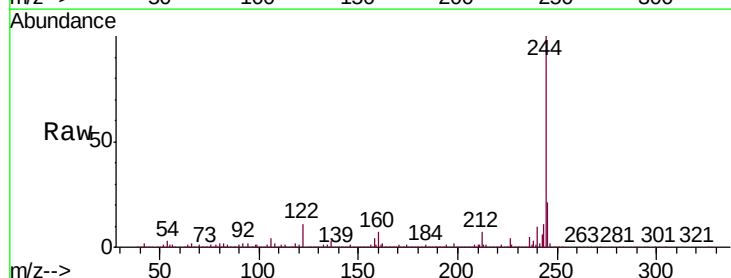
Tgt Ion:244 Resp: 1458930

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

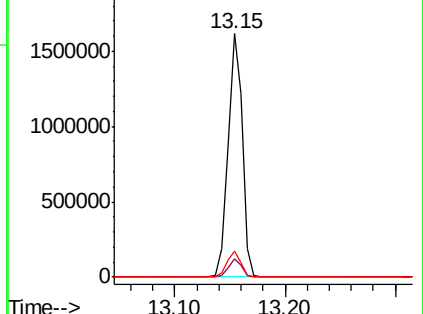
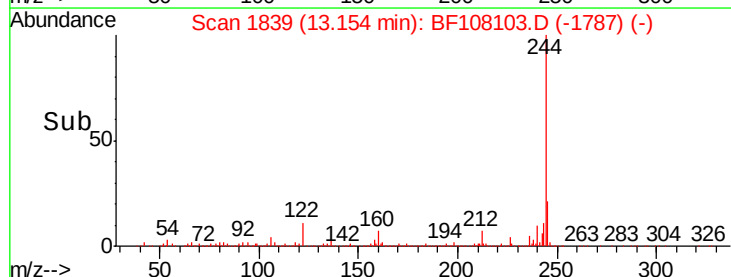
122 10.6 11.0 16.4#

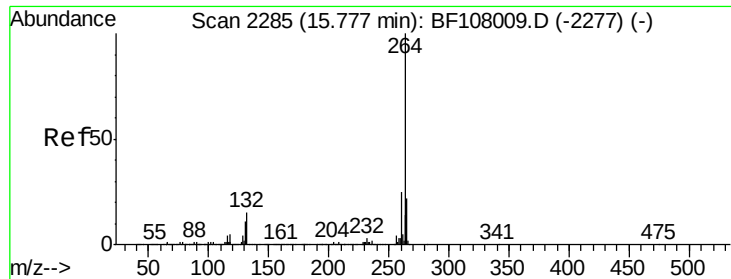


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

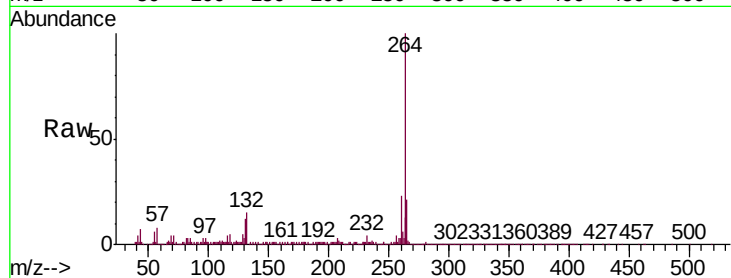




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.79 min Scan# 2288
Delta R.T. 0.02 min
Lab File: BF108103.D
Acq: 11 Aug 2018 00:04

Instrument :
BNA_F
ClientSampleId :
JTY-BALLARDS-1-2RE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	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

