

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081518\
 Data File : BF108182.D
 Acq On : 15 Aug 2018 22:56
 Operator : JU/SJ
 Sample : J3822-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS003-01

Quant Time: Aug 16 01:53:14 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

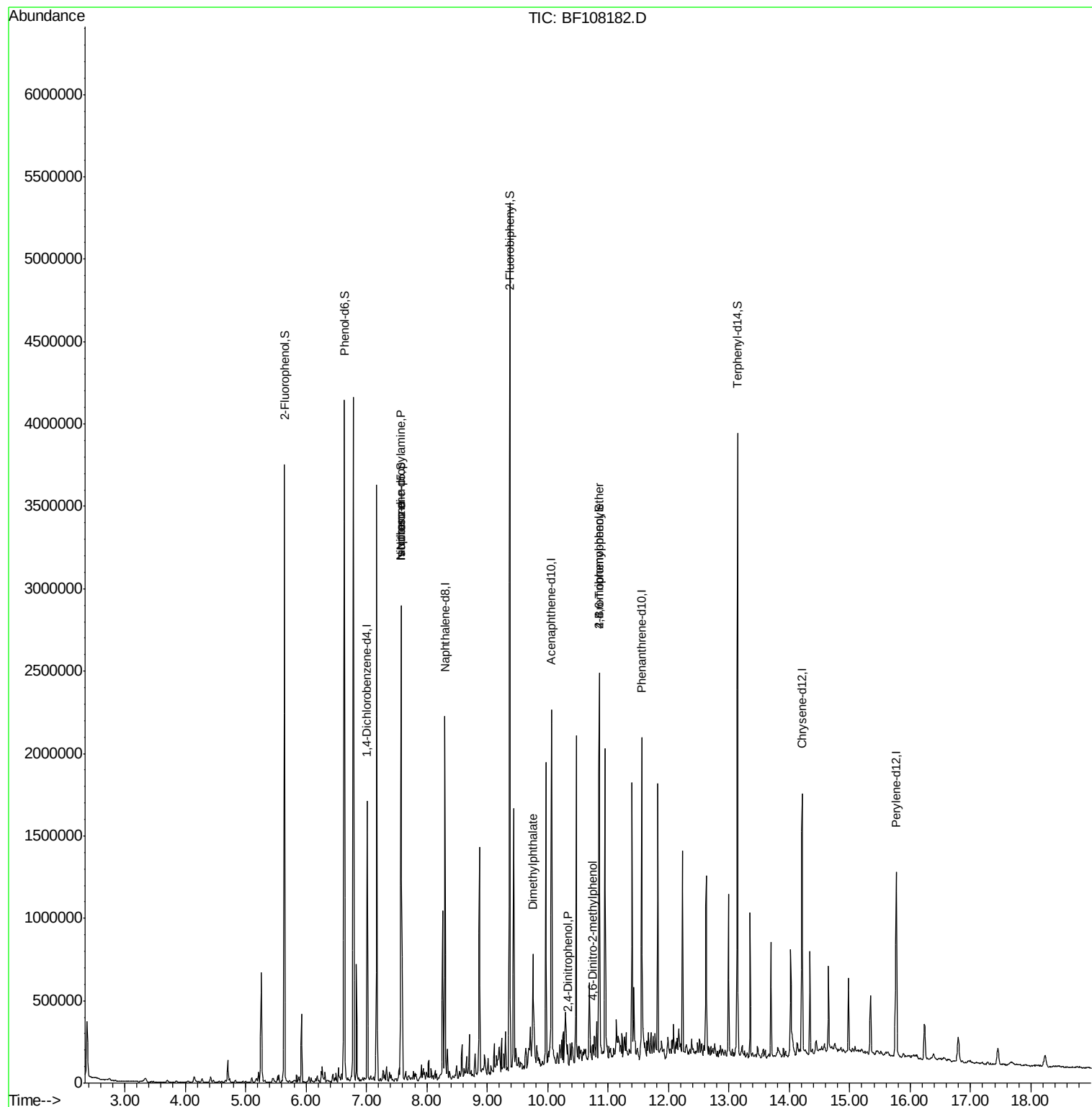
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	238242	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	918443	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	445055	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	729006	20.00	ng	0.00
75) Chrysene-d12	14.21	240	540978	20.00	ng	0.00
86) Perylene-d12	15.77	264	544962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1001123	76.08	ng	0.01
7) Phenol-d6	6.64	99	1347490	77.06	ng	0.00
23) Nitrobenzene-d5	7.58	82	903555	54.90	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	267703	60.30	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1643106	59.27	ng	0.00
78) Terphenyl-d14	13.14	244	1293672	60.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	137651	11.640	ng	# 85
25) Isophorone	7.58	82	901008	28.720	ng	# 64
49) Dimethylphthalate	9.76	163	91486	2.951	ng	# 99
53) 2,4-Dinitrophenol	10.34	184	1097	7.433	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	106	5.393	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	18091	2.284	ng	# 1

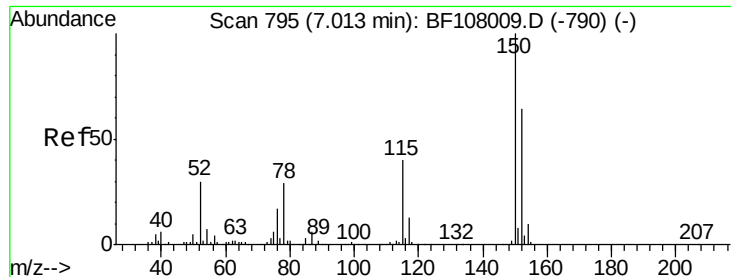
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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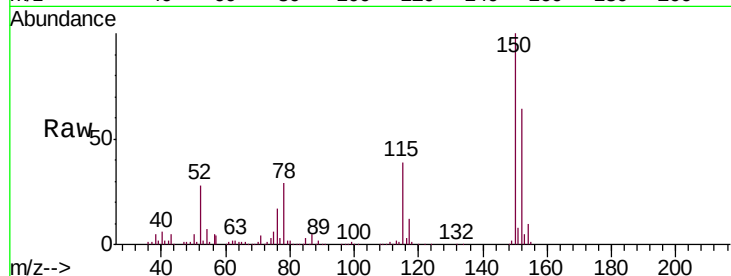


#1

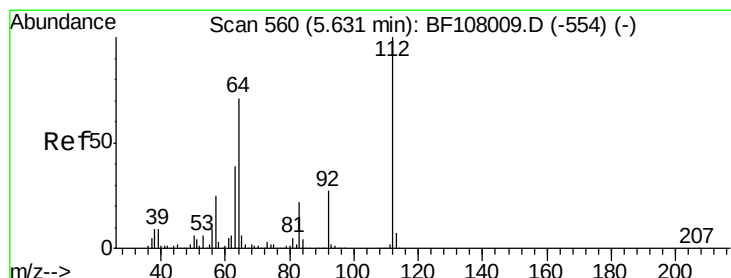
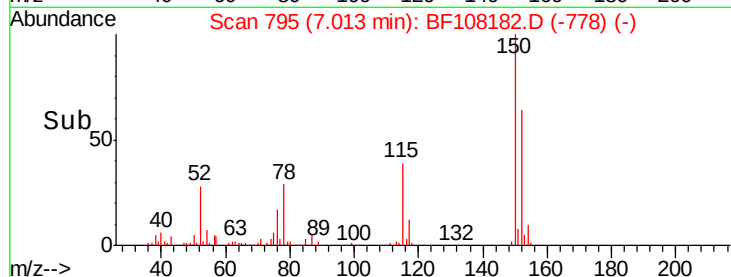
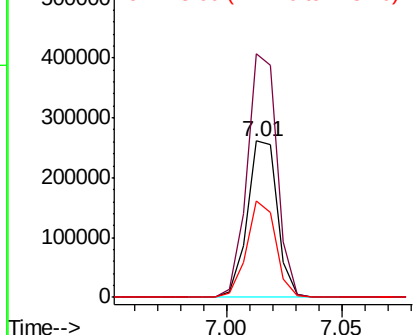
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS003-01

Tgt Ion:152 Resp: 238242
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.3 50.1 75.1



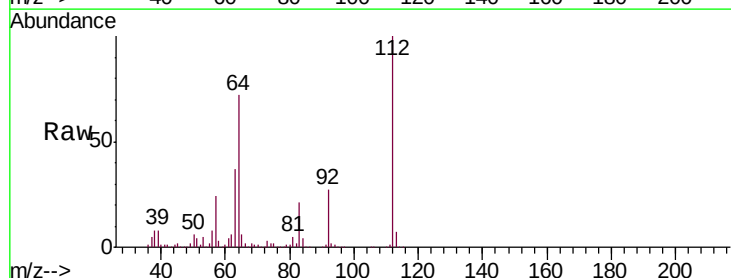
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



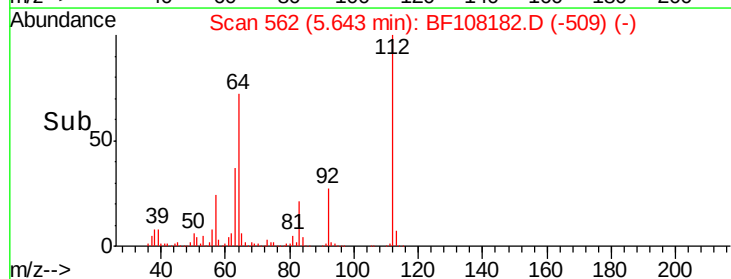
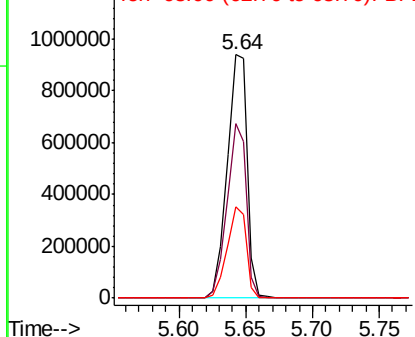
#5

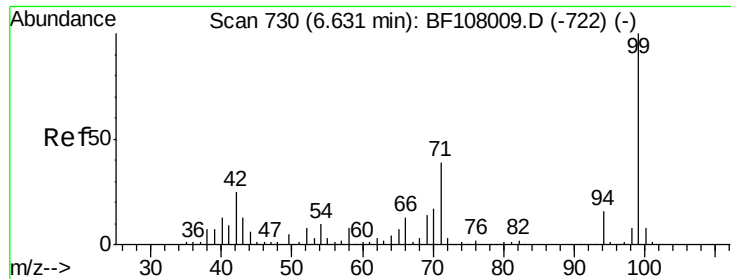
2-Fluorophenol
Concen: 76.078 ng
RT: 5.64 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Tgt Ion:112 Resp: 1001123
Ion Ratio Lower Upper
112 100
64 71.7 47.9 71.9
63 37.4 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: 77.057 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108182.D

Acq: 15 Aug 2018 22:56

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS003-01

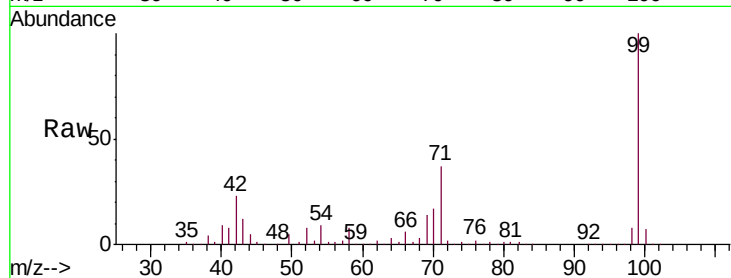
Tgt Ion: 99 Resp: 1347490

Ion Ratio Lower Upper

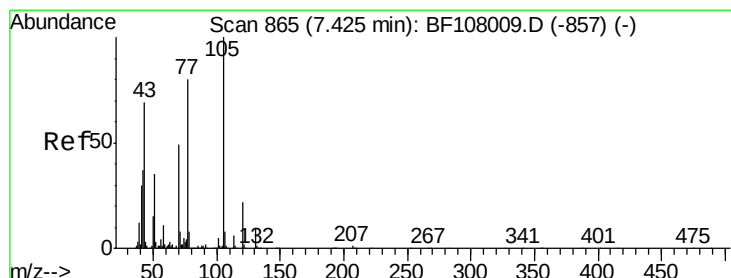
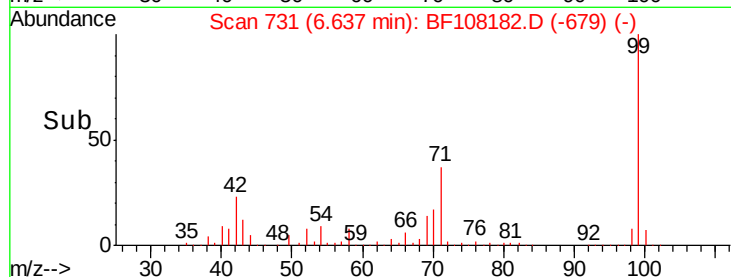
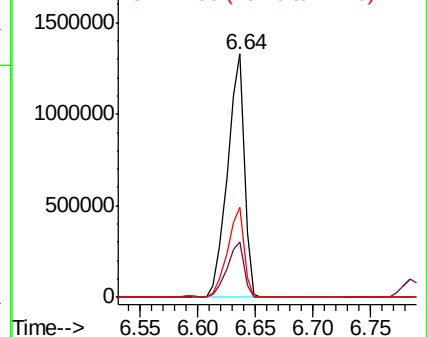
99 100

42 22.9 14.5 21.7#

71 37.1 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: 11.640 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.15 min

Lab File: BF108182.D

Acq: 15 Aug 2018 22:56

Tgt Ion: 70 Resp: 137651

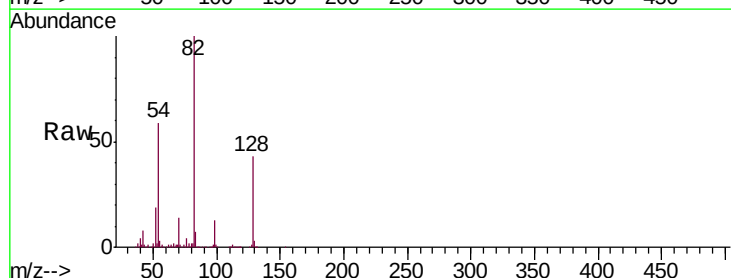
Ion Ratio Lower Upper

70 100

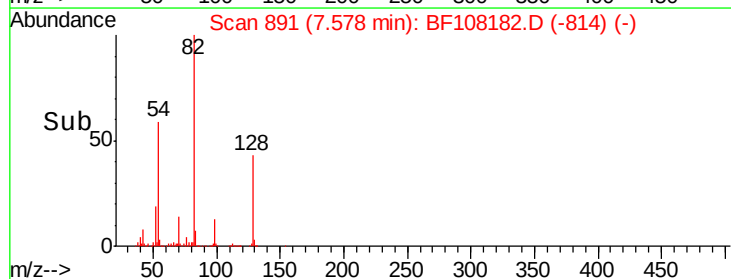
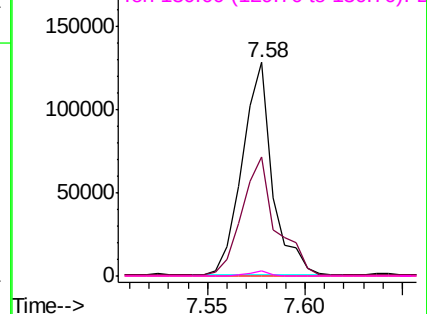
42 55.8 47.5 71.3

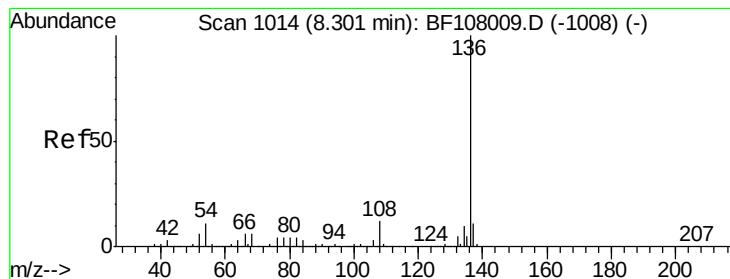
101 0.0 7.4 11.2#

130 2.5 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: BF108182.D

Acq: 15 Aug 2018 22:56

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS003-01

Tgt Ion: 136 Resp: 918443

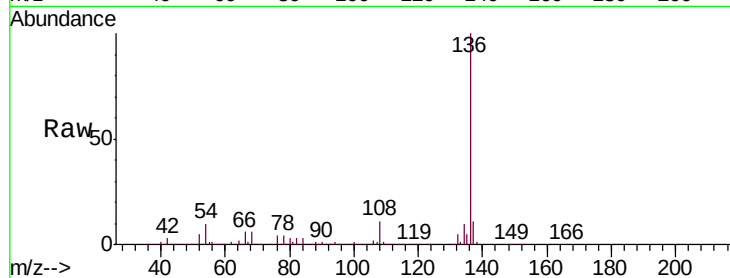
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.9 6.6 9.8#

68 6.1 5.0 7.4

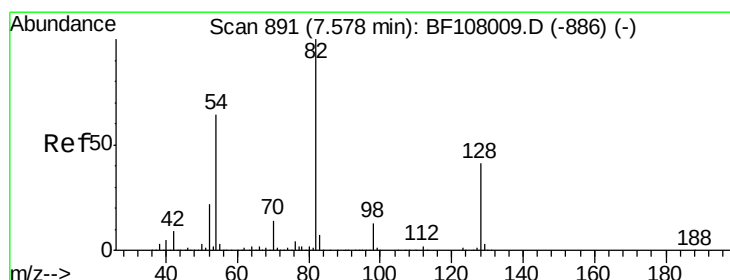
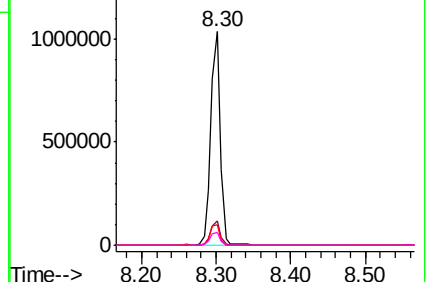
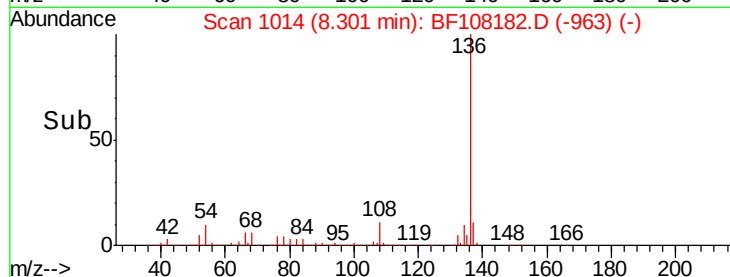


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.897 ng

RT: 7.58 min Scan# 891

Delta R.T. 0.00 min

Lab File: BF108182.D

Acq: 15 Aug 2018 22:56

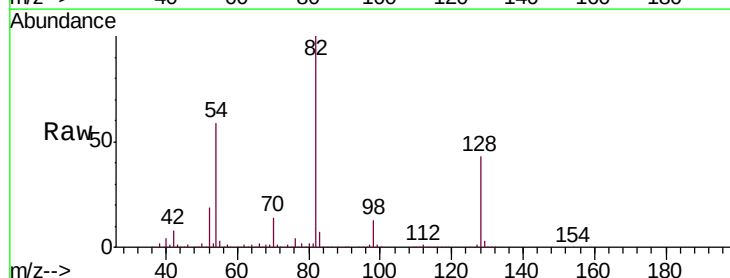
Tgt Ion: 82 Resp: 903555

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

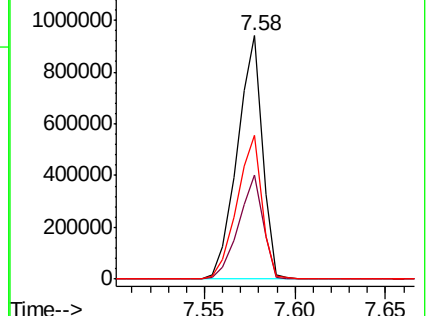
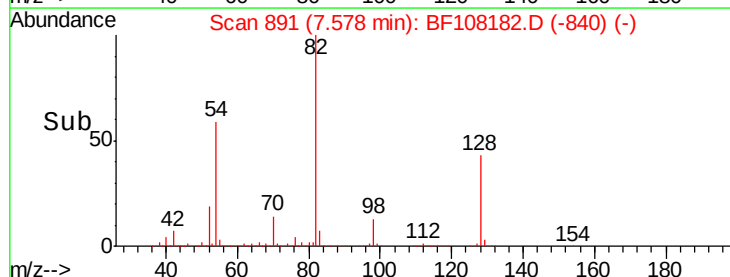
54 58.9 41.4 62.2

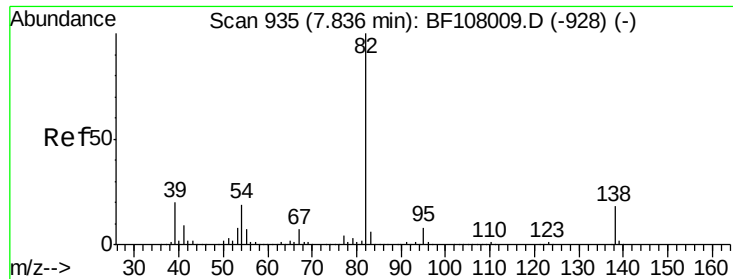


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

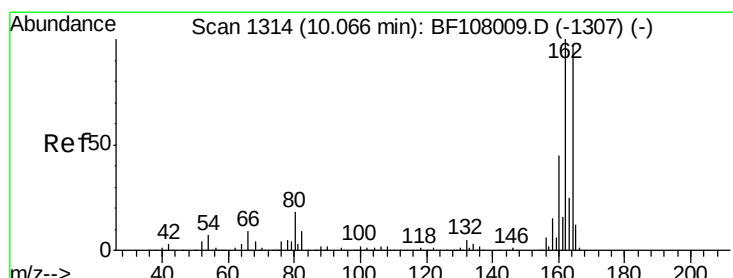
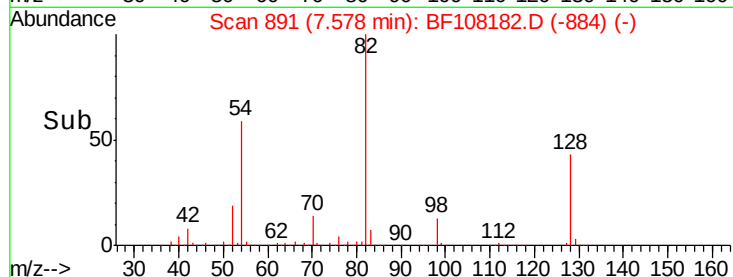
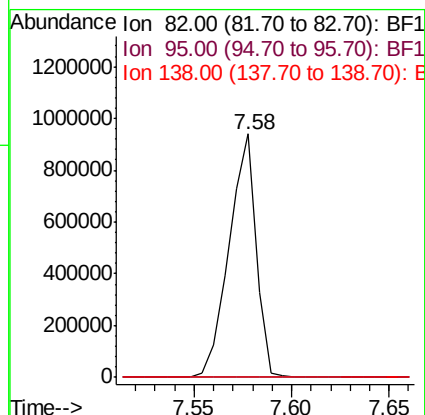
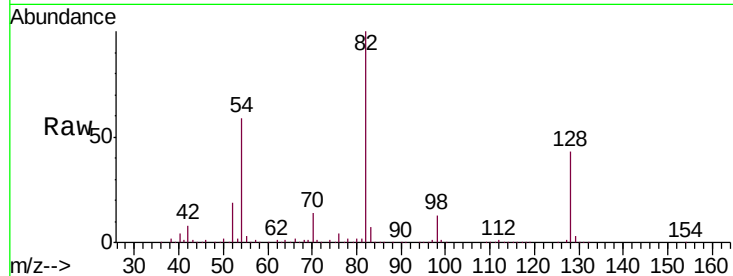




#25
Isophorone
Concen: 28.720 ng
RT: 7.58 min Scan# 891
Delta R.T. -0.26 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

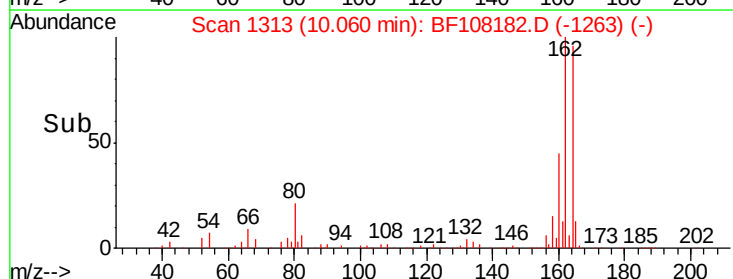
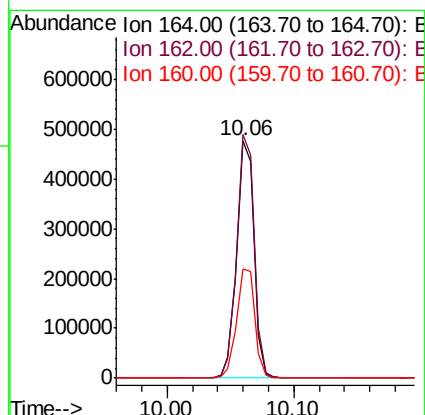
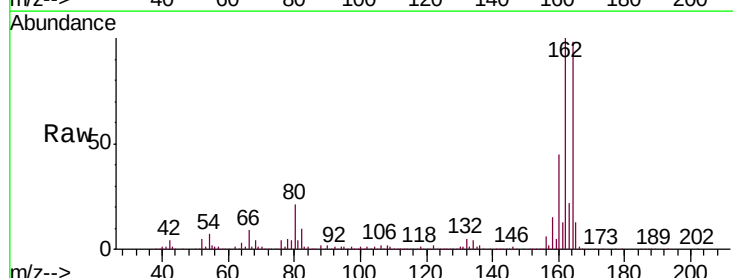
Instrument :
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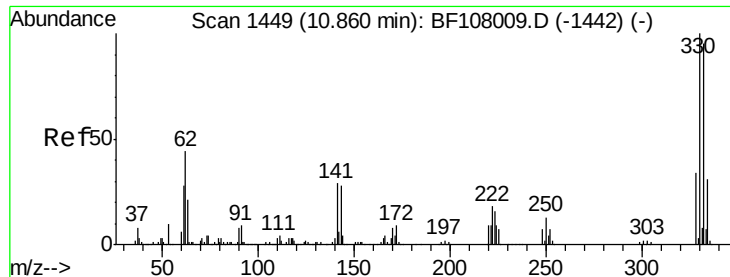
Tgt Ion: 82 Resp: 901008
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Tgt Ion: 164 Resp: 445055
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 45.8 38.3 57.5

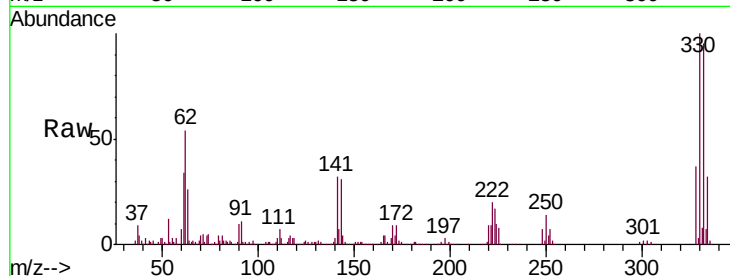




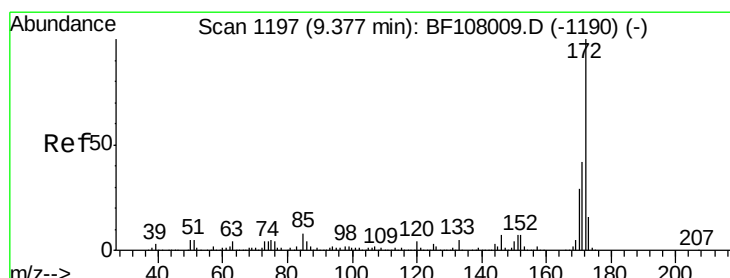
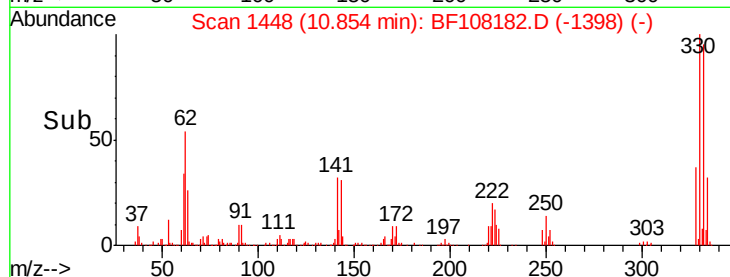
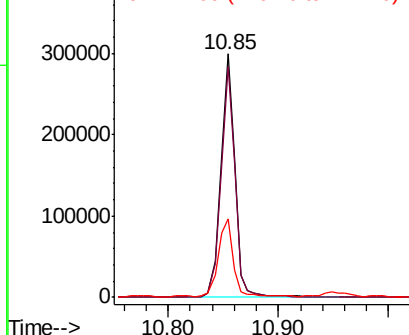
#41
 2,4,6-Tribromophenol
 Concen: 60.303 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108182.D
 Acq: 15 Aug 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 NFB-BF-SS003-01

Tgt Ion:330 Resp: 267703
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.0 115.6
 141 33.1 29.9 44.9

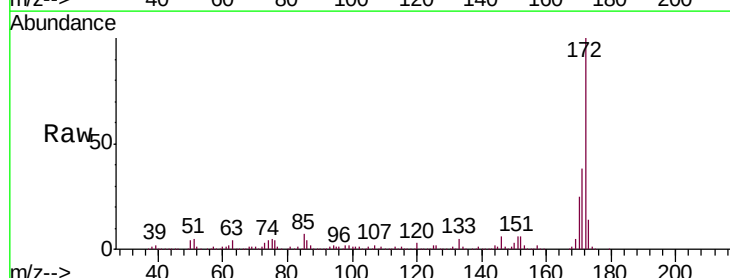


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

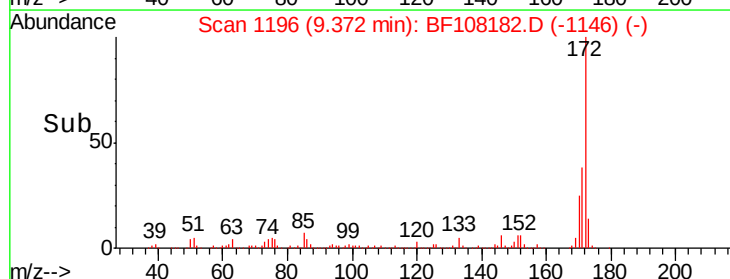
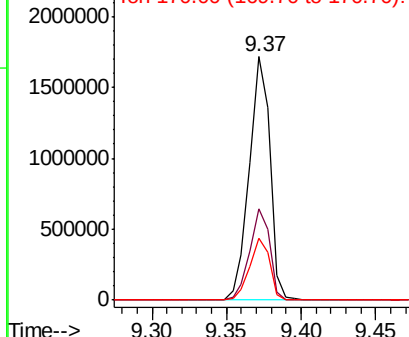


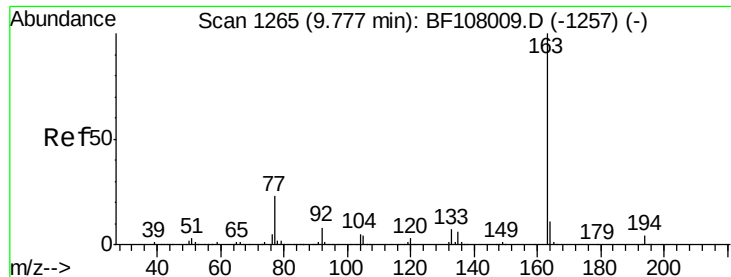
#44
 2-Fluorobiphenyl
 Concen: 59.273 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108182.D
 Acq: 15 Aug 2018 22:56

Tgt Ion:172 Resp: 1643106
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.7 44.5
 170 25.4 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

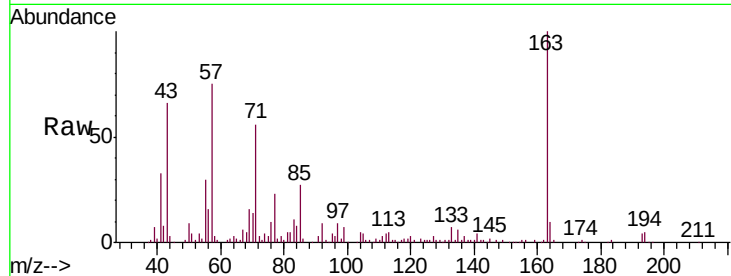




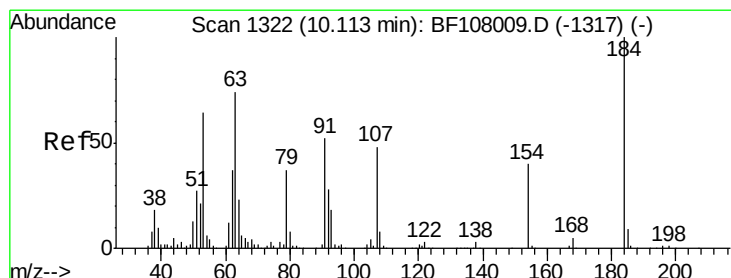
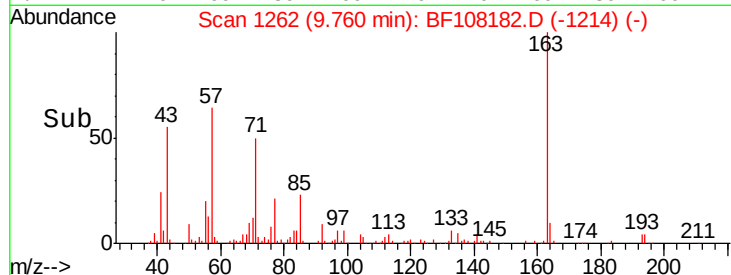
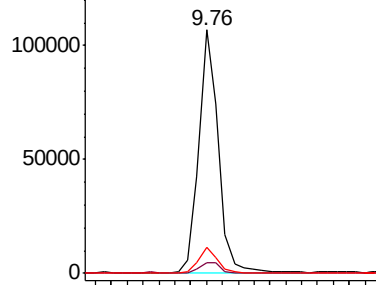
#49
Dimethylphthalate
Concen: 2.951 ng
RT: 9.76 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS003-01

Tgt Ion:163 Resp: 91486
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.4 8.2 12.2

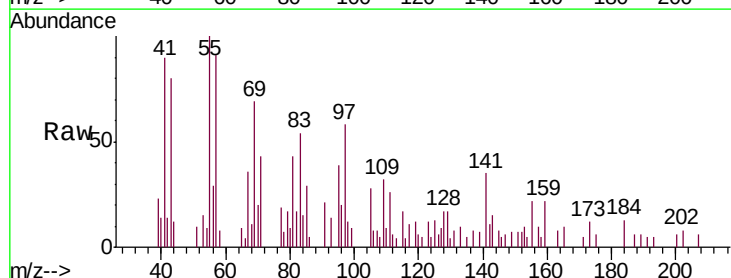


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

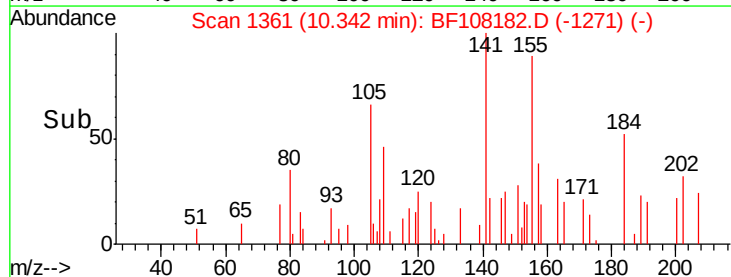
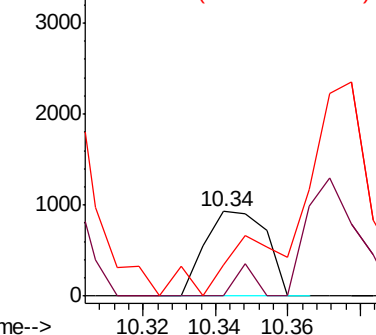


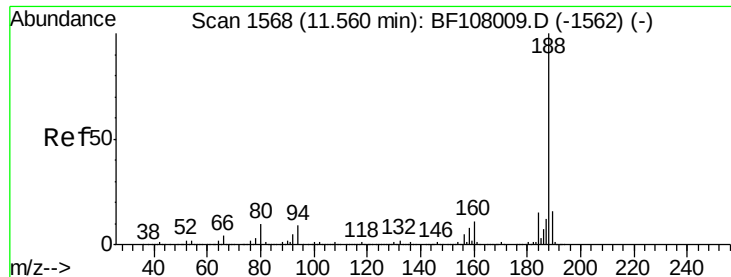
#53
2,4-Dinitrophenol
Concen: 7.433 ng
RT: 10.34 min Scan# 1361
Delta R.T. 0.23 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Tgt Ion:184 Resp: 1097
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 37.2 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

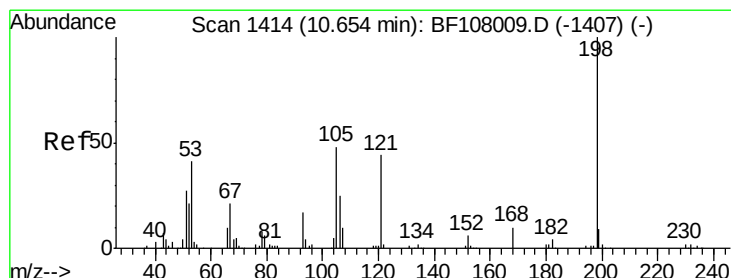
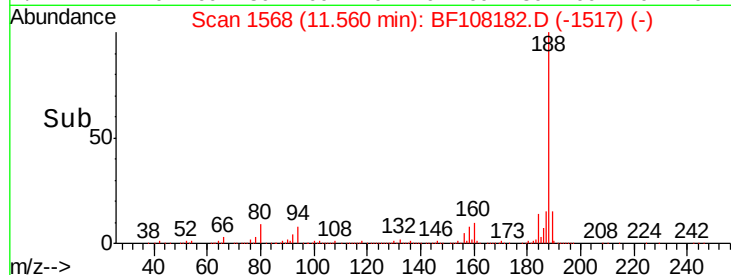
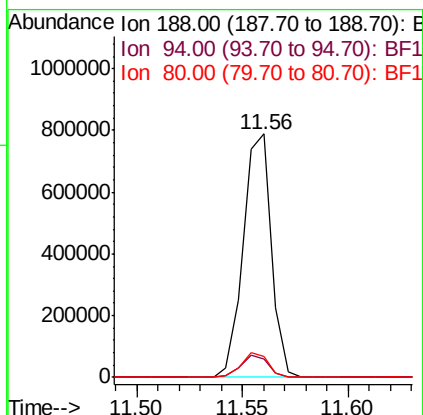
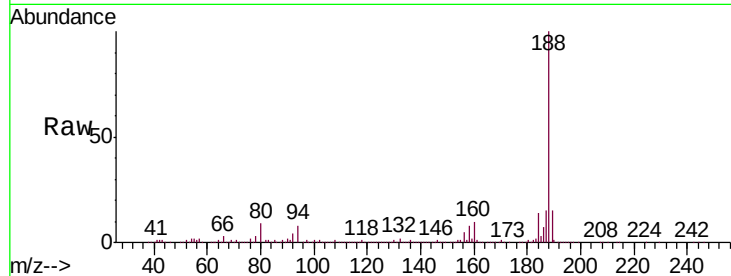




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

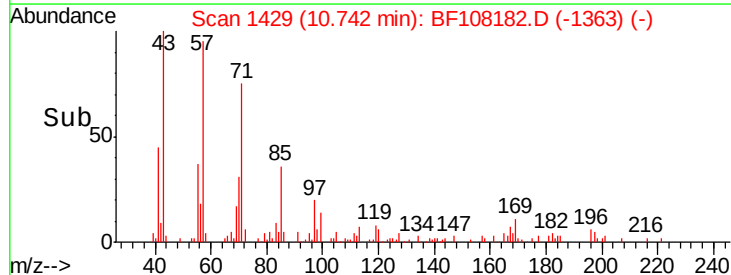
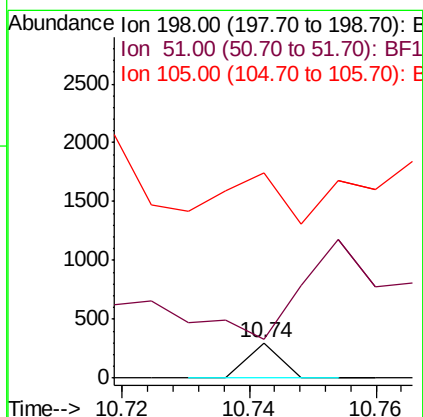
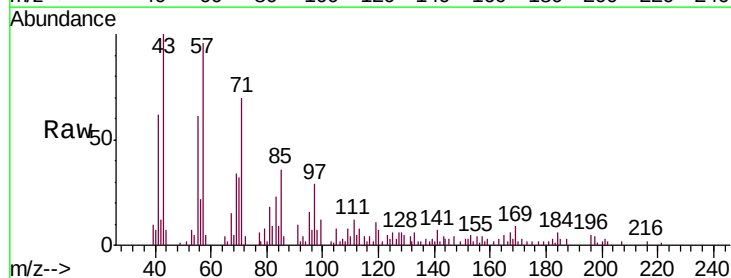
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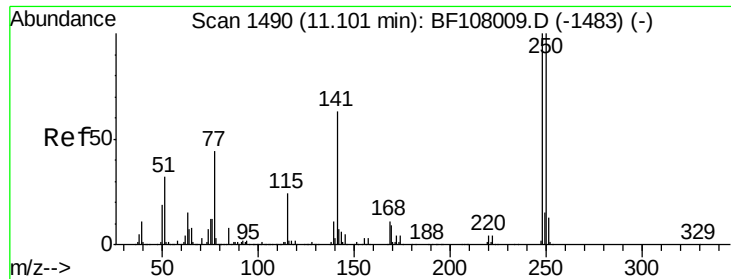
Tgt Ion:188 Resp: 729006
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.8 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.393 ng
RT: 10.74 min Scan# 1429
Delta R.T. 0.09 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Tgt Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 108.6 37.7 77.7#
105 579.1 36.3 76.3#

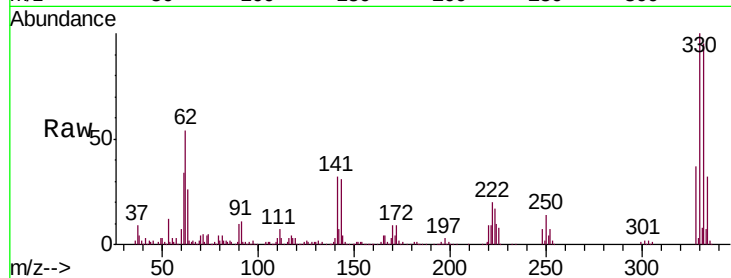




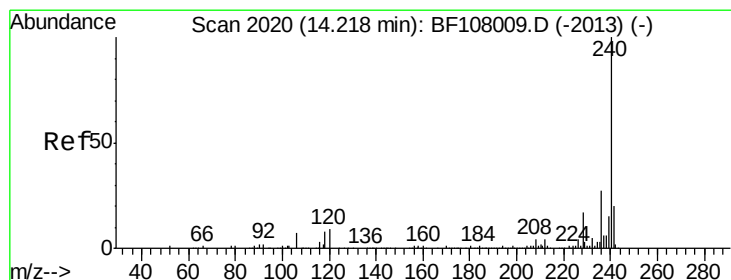
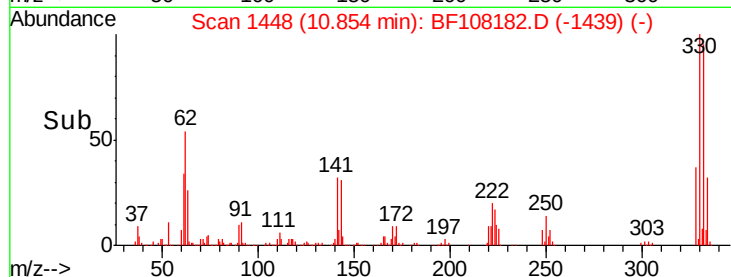
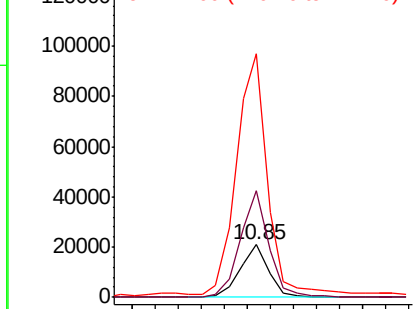
#66
4-Bromophenyl-phenylether
Concen: 2.284 ng
RT: 10.85 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Instrument :
BNA_F
ClientSampleId :
NFB-BF-SS003-01

Tgt Ion: 248 Resp: 18091
Ion Ratio Lower Upper
248 100
250 202.5 76.9 115.3#
141 461.4 74.4 111.6#

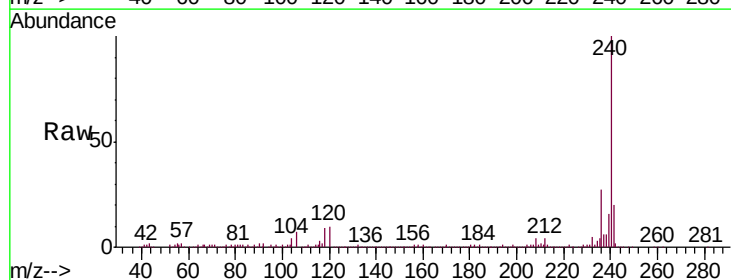


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

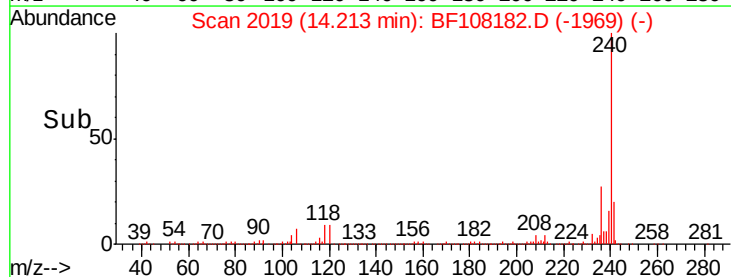
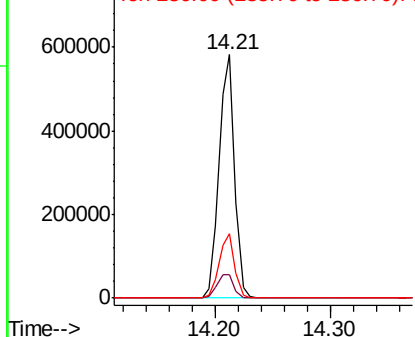


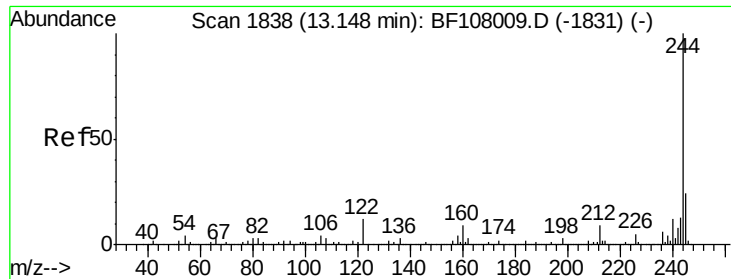
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.21 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF108182.D
Acq: 15 Aug 2018 22:56

Tgt Ion: 240 Resp: 540978
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 26.7 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: 60.802 ng

RT: 13.14 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF108182.D

Acq: 15 Aug 2018 22:56

Instrument :

BNA_F

ClientSampleId :

NFB-BF-SS003-01

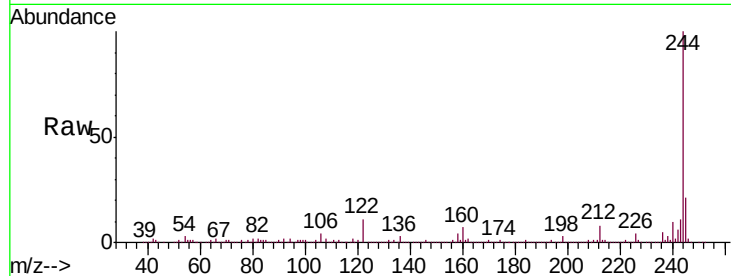
Tgt Ion:244 Resp: 1293672

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

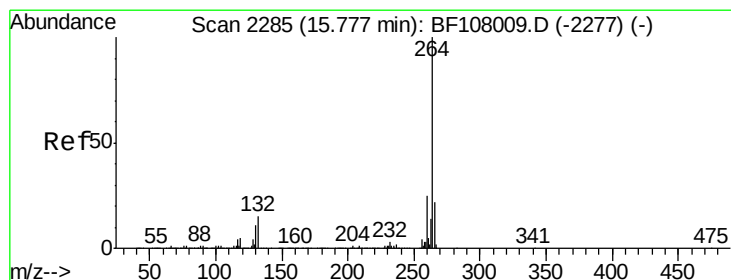
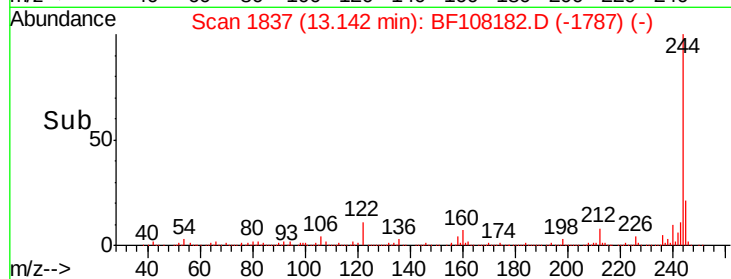
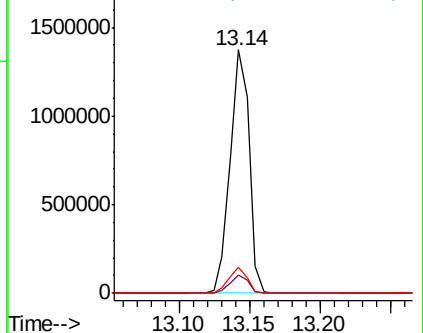
122 10.7 11.0 16.4#



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: 15.77 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF108182.D

Acq: 15 Aug 2018 22:56

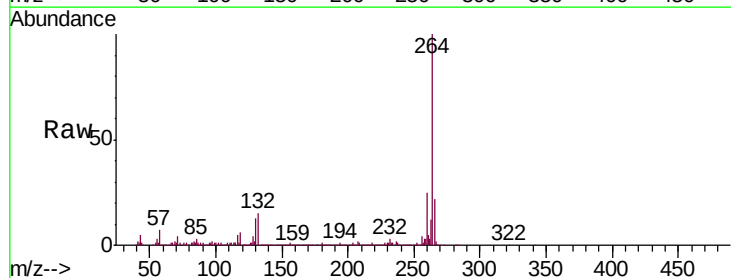
Tgt Ion:264 Resp: 544962

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.0 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

