

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
 Data File : BF108222.D
 Acq On : 17 Aug 2018 3:43
 Operator : JU/SJ
 Sample : J4479-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-081418

Quant Time: Aug 17 05:40:23 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	159284	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	578044	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	276028	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	489131	20.00	ng	0.00
75) Chrysene-d12	14.21	240	413628	20.00	ng	-0.01
86) Perylene-d12	15.77	264	305158	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	585455	66.54	ng	0.01
7) Phenol-d6	6.63	99	490167	41.93	ng	0.00
23) Nitrobenzene-d5	7.58	82	1035050	99.92	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	387360	140.69	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	1846068	107.37	ng	0.00
78) Terphenyl-d14	13.15	244	1756377	107.96	ng	0.00

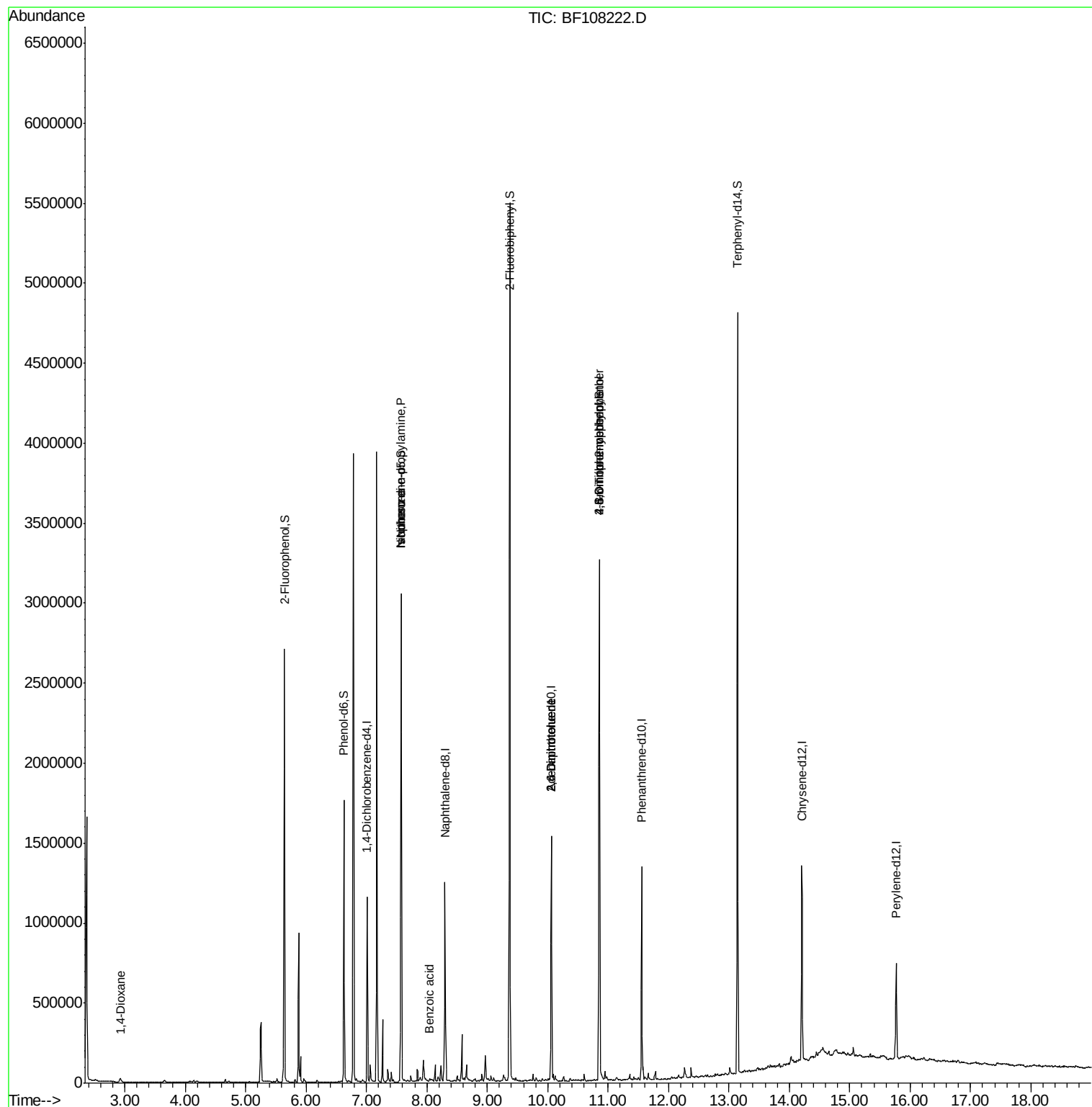
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.93	88	11300	2.500	ng	# 80
19) n-Nitroso-di-n-propylamine	7.58	70	140178	17.730	ng	# 85
25) Isophorone	7.58	82	1031553	52.245	ng	# 64
32) Benzoic acid	8.05	122	4102	6.681	ng	# 41
50) 2,6-Dinitrotoluene	10.06	165	35787	8.896	ng	# 26
56) 2,4-Dinitrotoluene	10.06	165	35787	6.911	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.85	198	816	5.753	ng	# 1
66) 4-Bromophenyl-phenylether	10.85	248	26606	5.005	ng	# 1

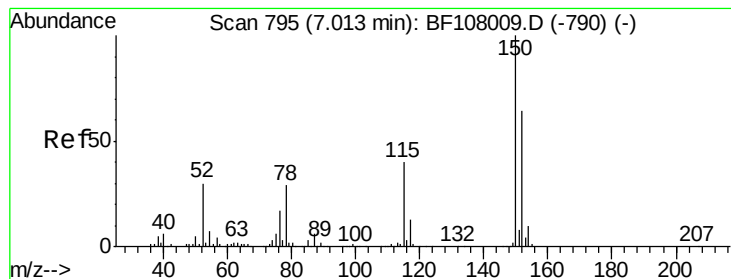
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 08 12:24:24 2018
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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: BF108222.D

Acq: 17 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DSN-001A-081418

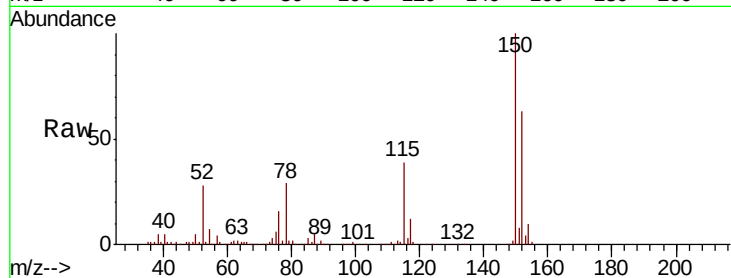
Tgt Ion:152 Resp: 159284

Ion Ratio Lower Upper

152 100

150 157.6 124.6 186.8

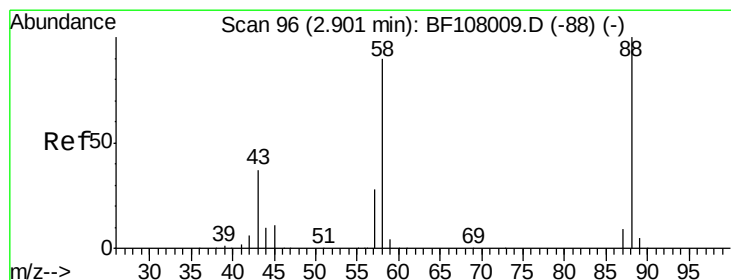
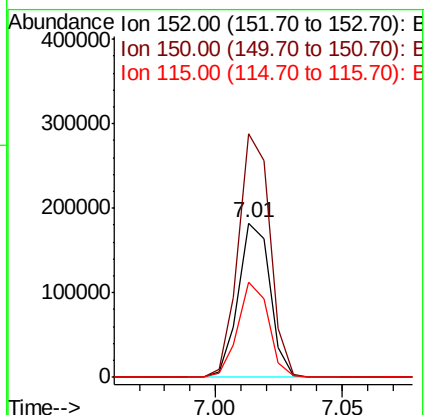
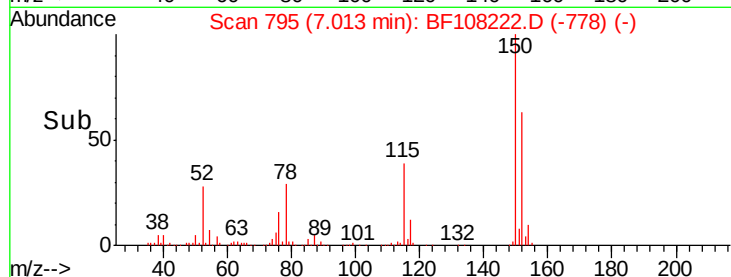
115 61.3 50.1 75.1



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



#2

1,4-Dioxane

Concen: 2.500 ng

RT: 2.93 min Scan# 100

Delta R.T. 0.02 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

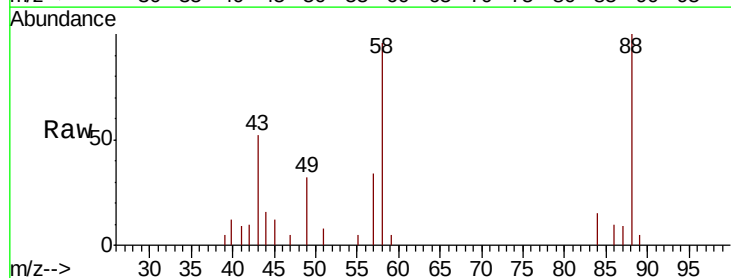
Tgt Ion: 88 Resp: 11300

Ion Ratio Lower Upper

88 100

58 93.2 62.6 93.8

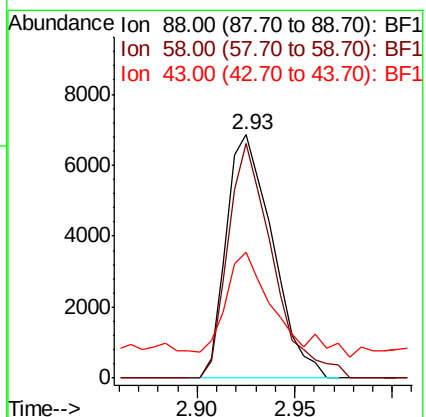
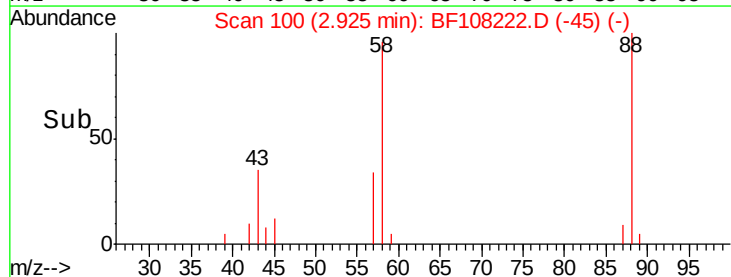
43 45.5 24.6 37.0#

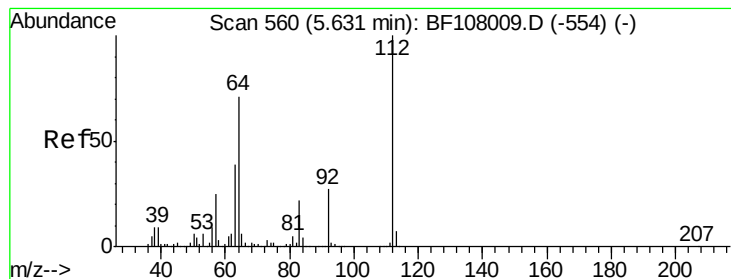


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

Concen: 66.544 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

Instrument :

BNA_F

ClientSampleId :

DSN-001A-081418

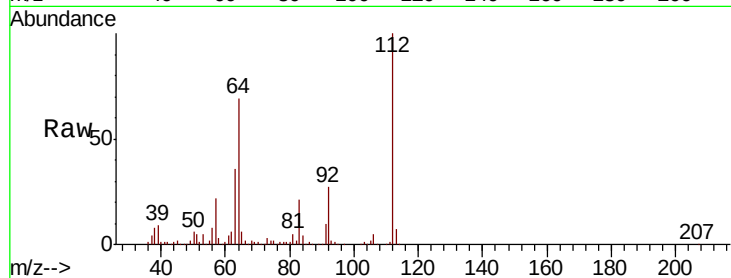
Tgt Ion: 112 Resp: 585455

Ion Ratio Lower Upper

112 100

64 68.7 47.9 71.9

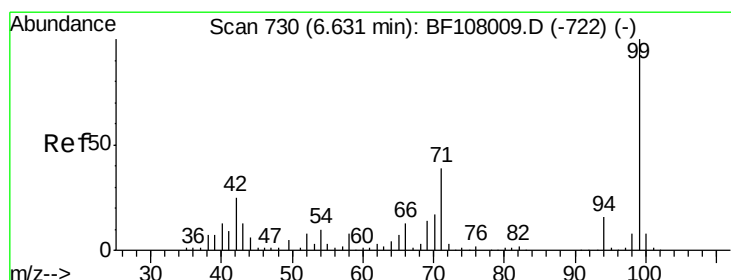
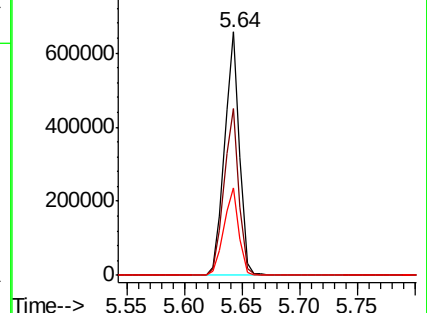
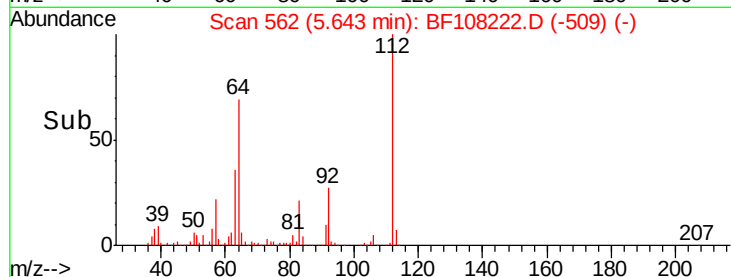
63 36.1 23.7 35.5#



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: 41.926 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108222.D

Acq: 17 Aug 2018 3:43

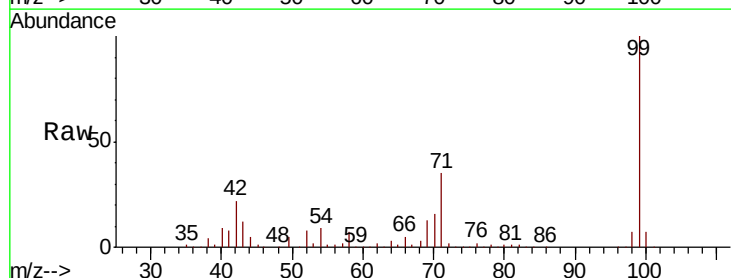
Tgt Ion: 99 Resp: 490167

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

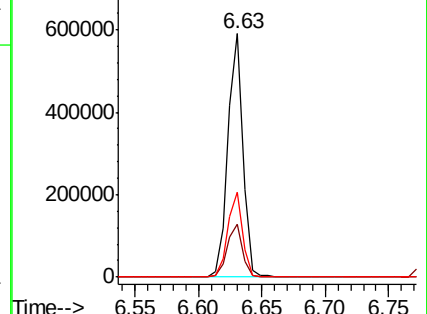
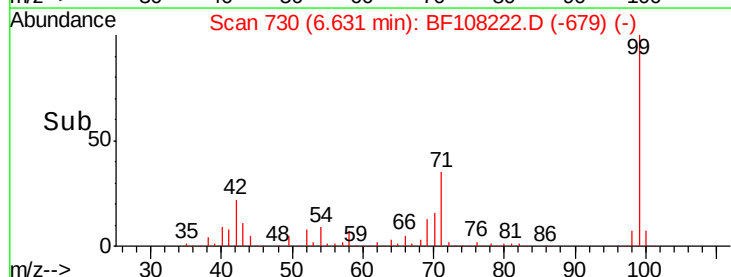
71 34.8 25.4 38.0

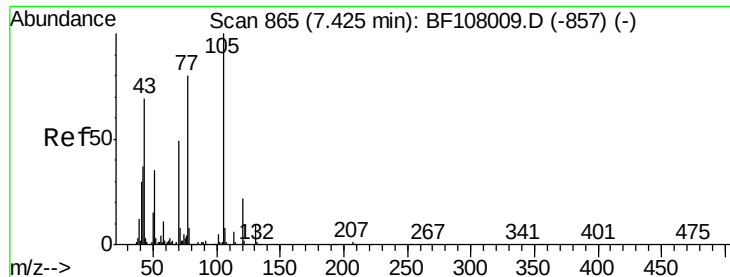


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

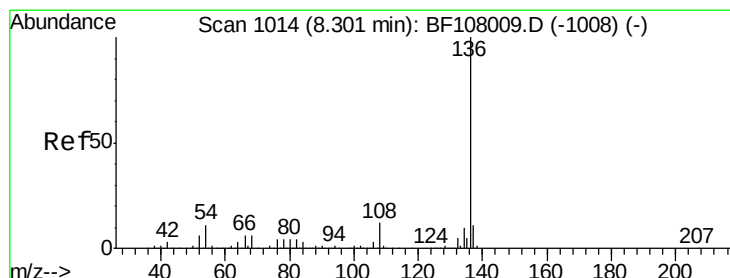
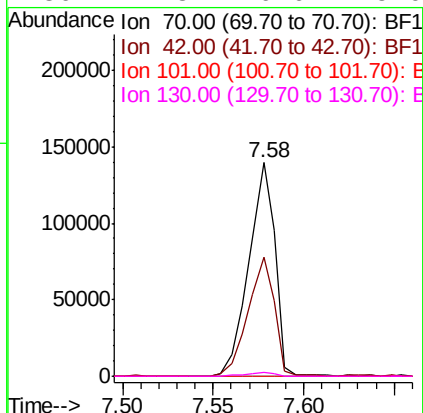
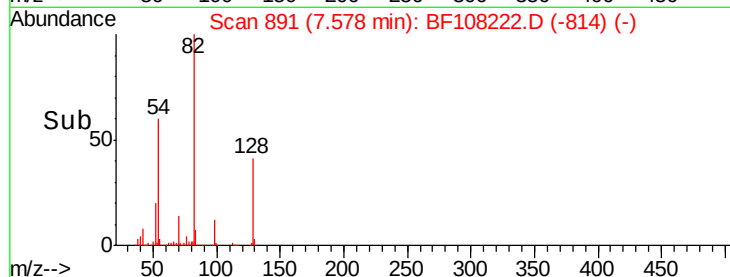
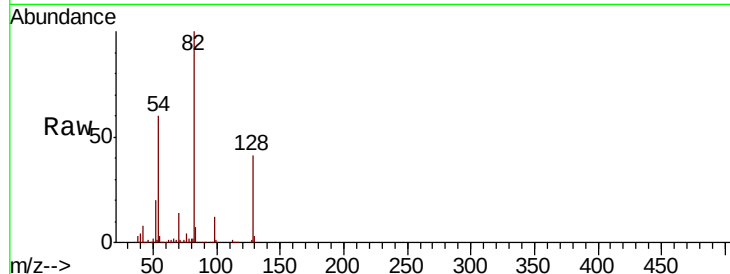




#19
n-Nitroso-di-n-propylamine
Concen: 17.730 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.15 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

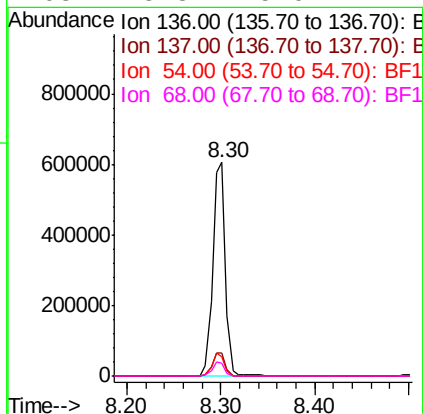
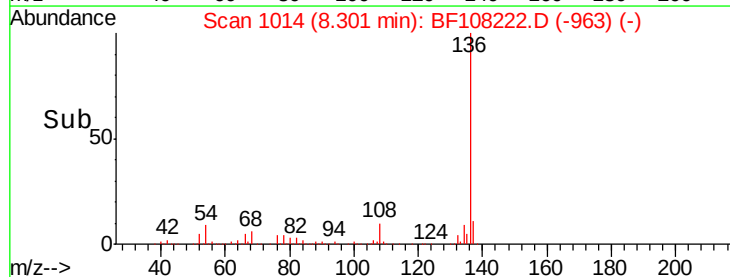
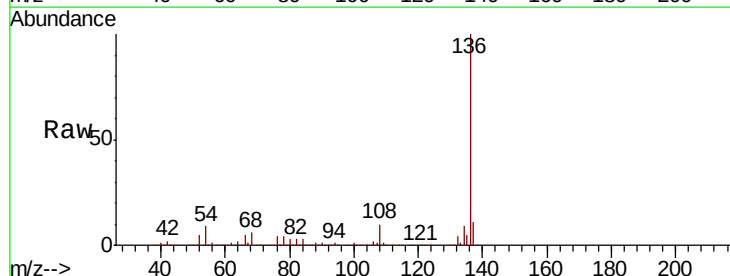
Instrument :
BNA_F
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DSN-001A-081418

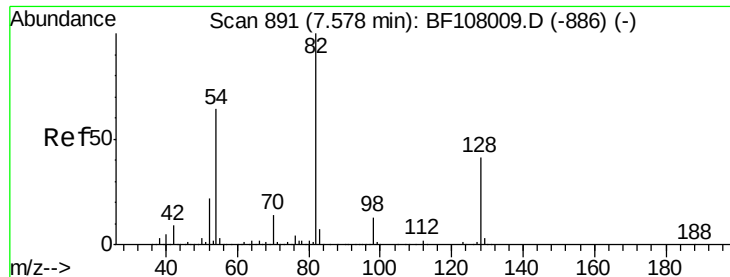
Tgt Ion: 70 Resp: 140178
Ion Ratio Lower Upper
70 100
42 55.6 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Tgt Ion: 136 Resp: 578044
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.3 6.6 9.8
68 5.8 5.0 7.4

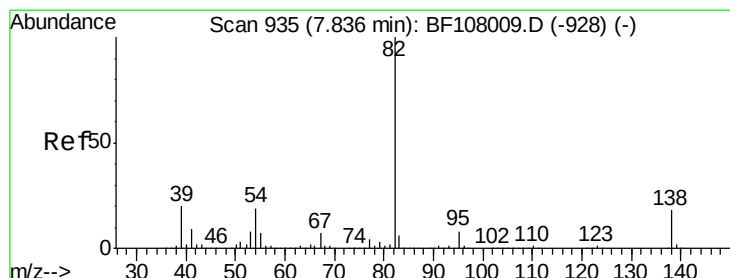
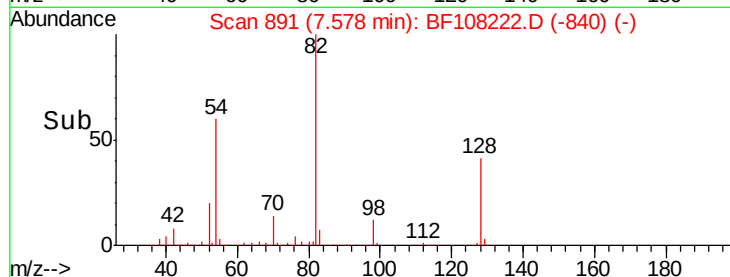
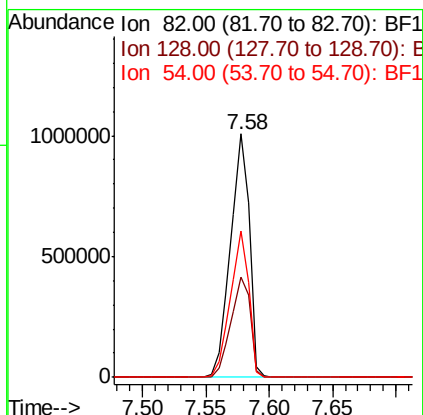
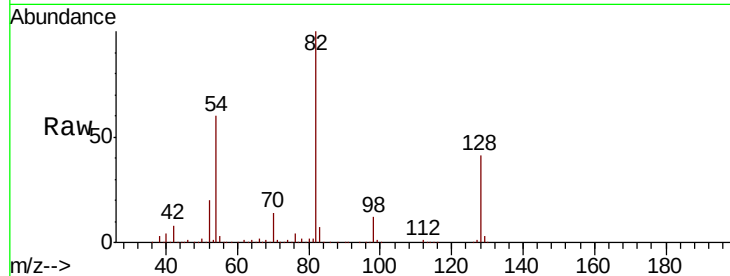




#23
 Nitrobenzene-d5
 Concen: 99.918 ng
 RT: 7.58 min Scan# 891
 Delta R.T. 0.00 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

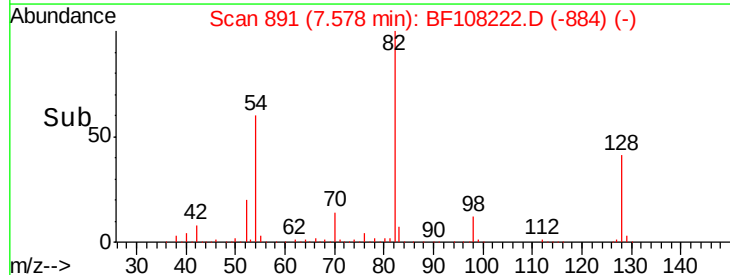
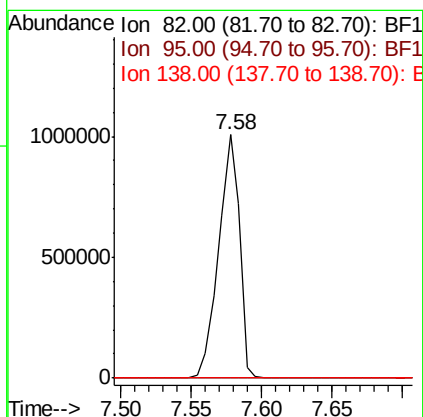
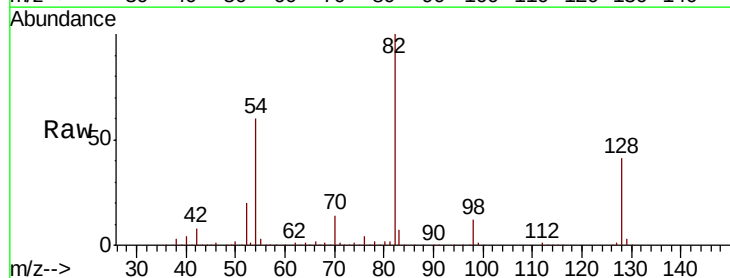
Instrument :
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 ClientSampleId :
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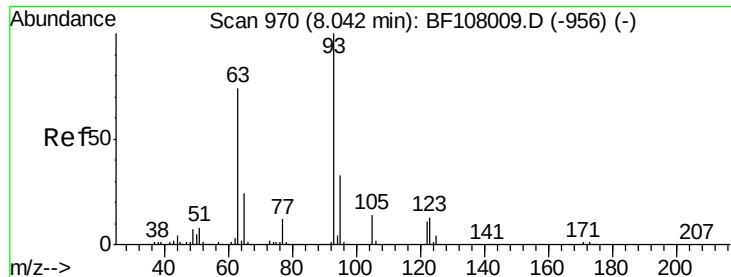
Tgt Ion: 82 Resp: 1035050
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.1 54.1
 54 59.9 41.4 62.2



#25
 Isophorone
 Concen: 52.245 ng
 RT: 7.58 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion: 82 Resp: 1031553
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

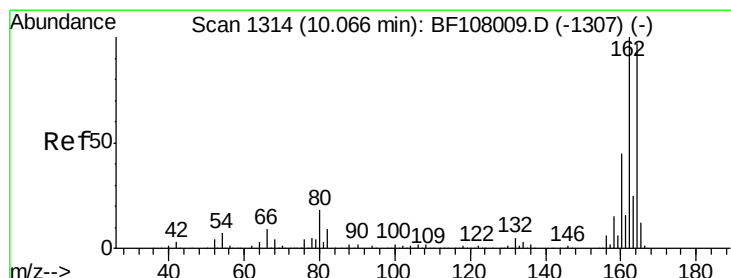
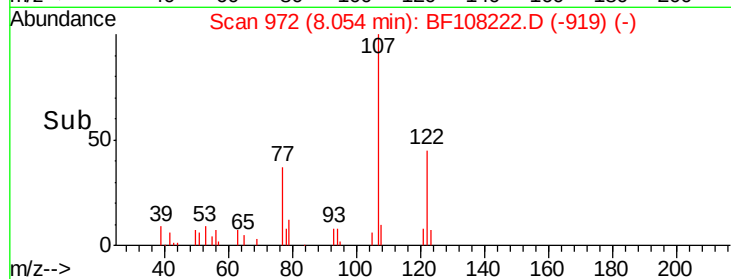
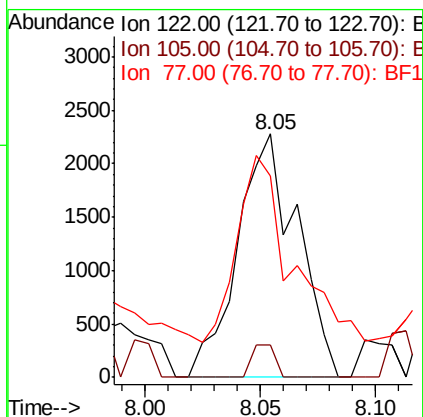
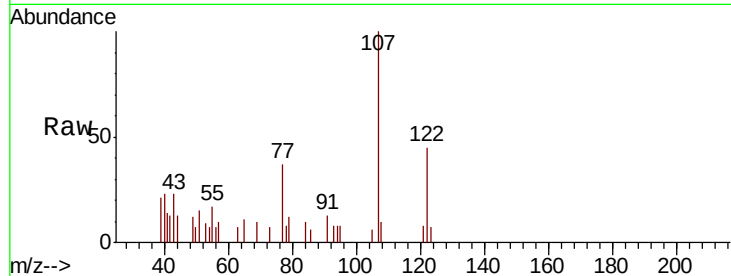




#32
Benzoic acid
Concen: 6.681 ng
RT: 8.05 min Scan# 972
Delta R.T. 0.01 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

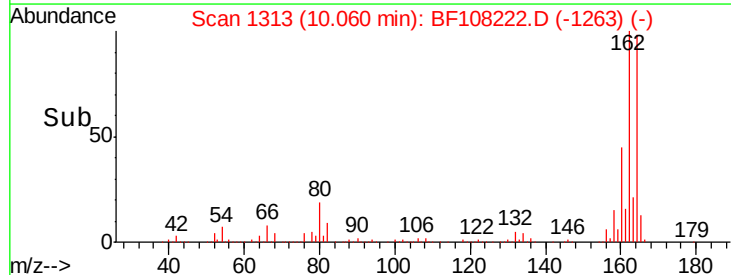
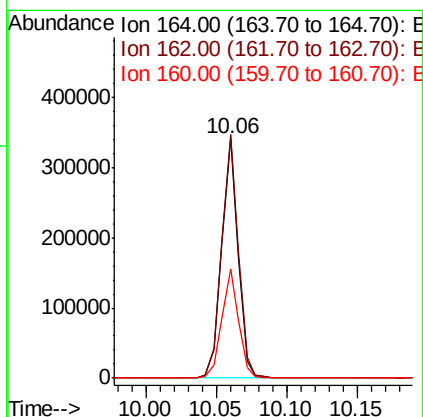
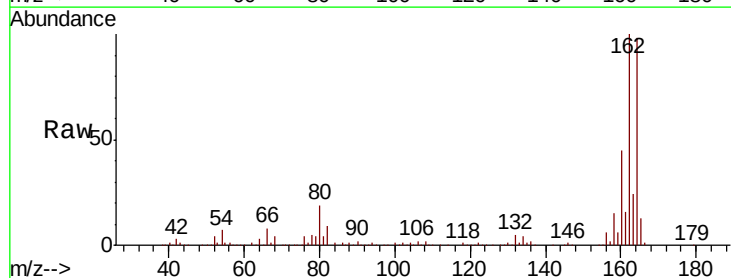
Instrument :
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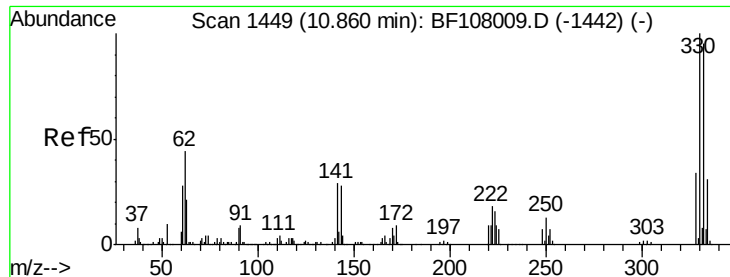
Tgt Ion:122 Resp: 4102
Ion Ratio Lower Upper
122 100
105 13.5 101.1 141.1#
77 82.5 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108222.D
Acq: 17 Aug 2018 3:43

Tgt Ion:164 Resp: 276028
Ion Ratio Lower Upper
164 100
162 101.7 86.1 129.1
160 45.8 38.3 57.5

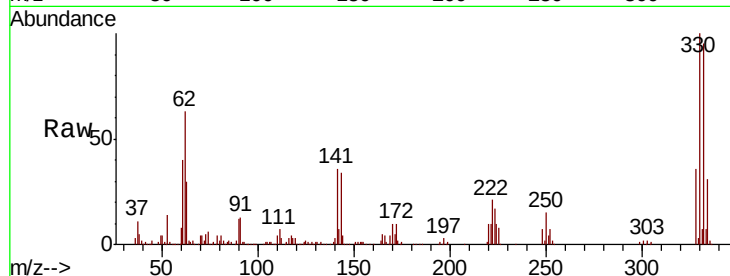




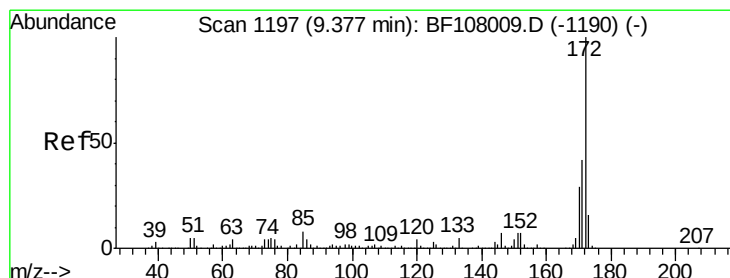
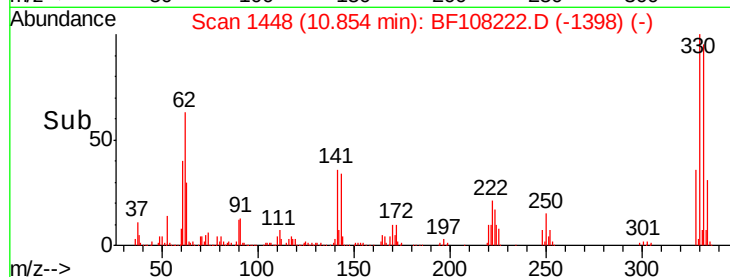
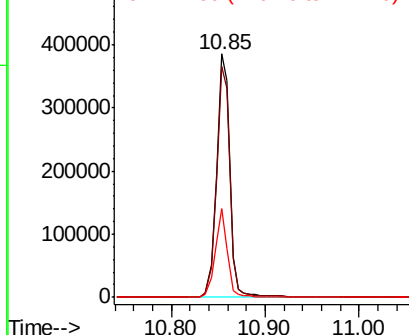
#41
 2,4,6-Tribromophenol
 Concen: 140.689 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-081418

Tgt Ion:330 Resp: 387360
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.3 29.9 44.9

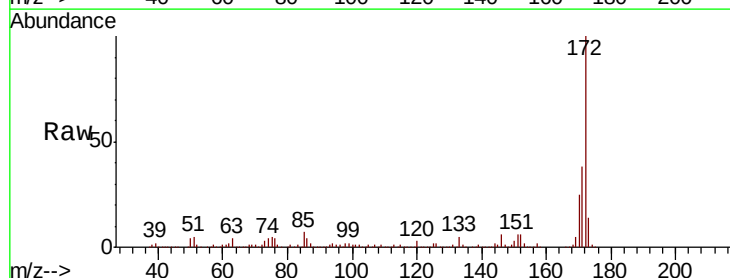


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

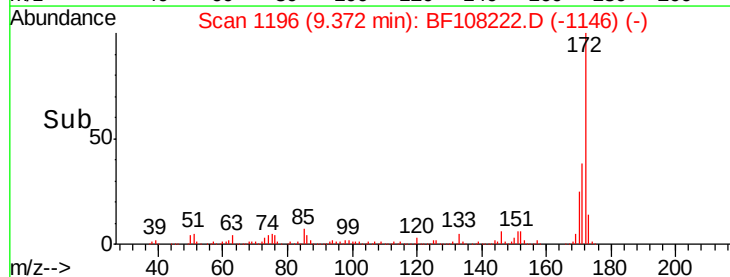
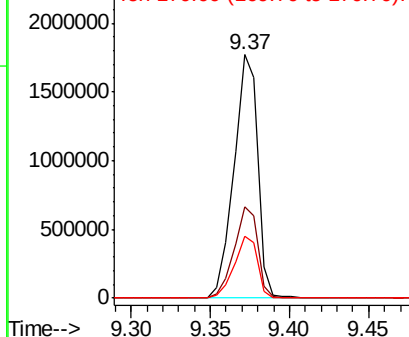


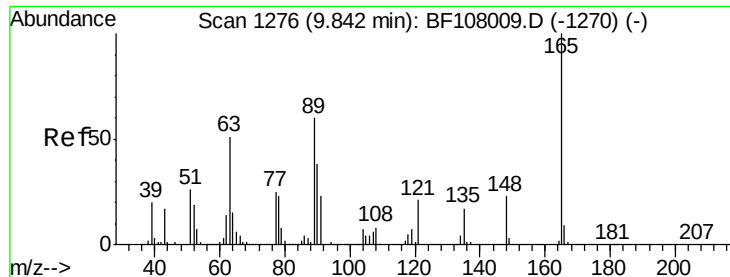
#44
 2-Fluorobiphenyl
 Concen: 107.373 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion:172 Resp: 1846068
 Ion Ratio Lower Upper
 172 100
 171 37.5 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

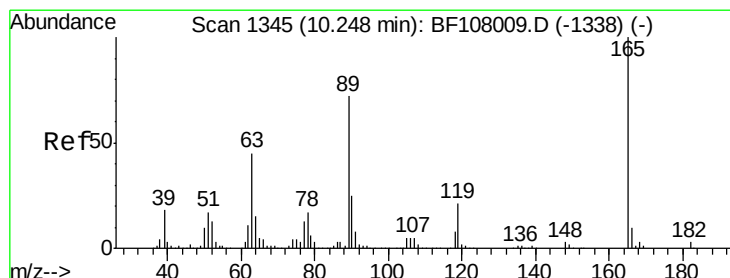
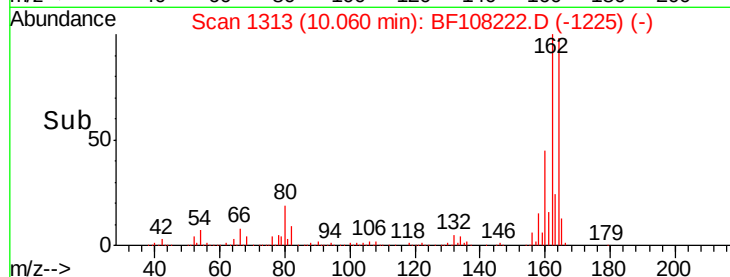
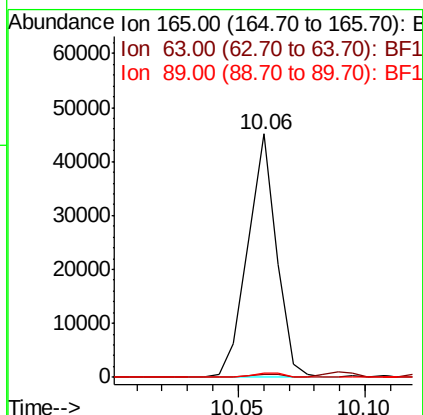
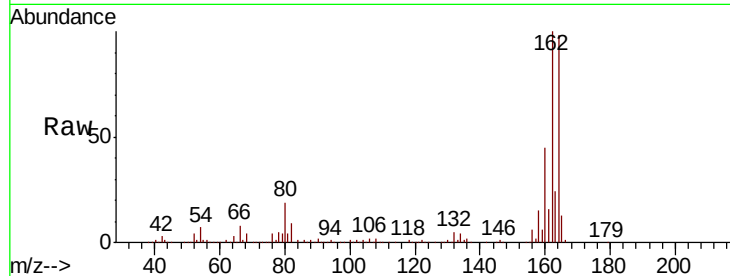




#50
 2,6-Dinitrotoluene
 Concen: 8.896 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. 0.22 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

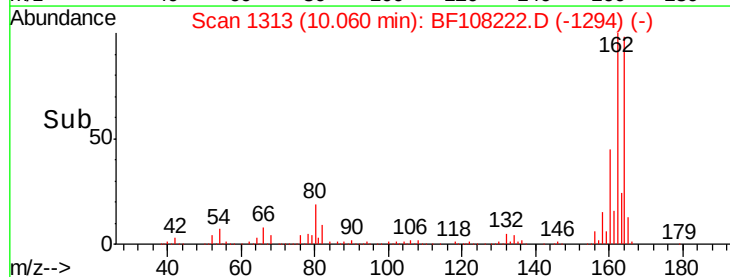
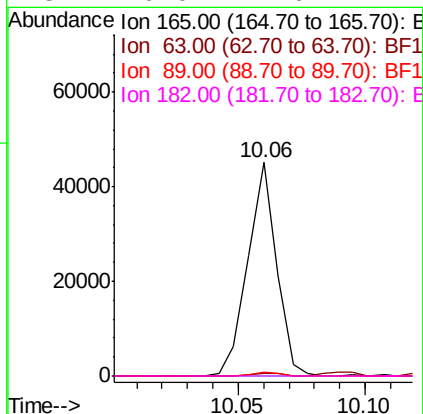
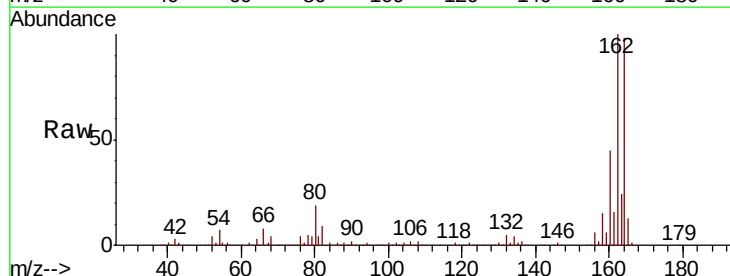
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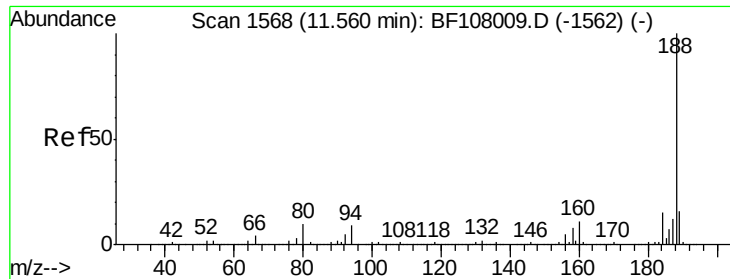
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.911 ng
 RT: 10.06 min Scan# 1313
 Delta R.T. -0.19 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#

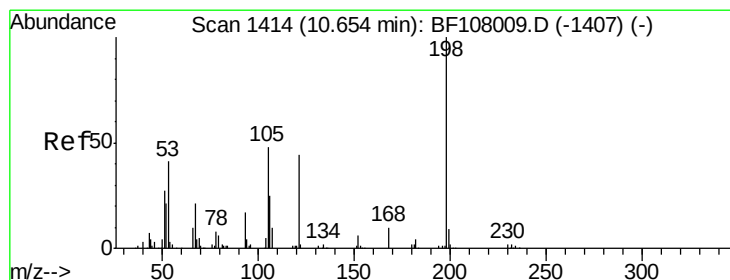
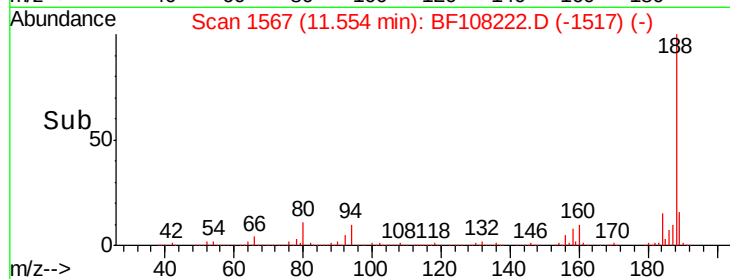
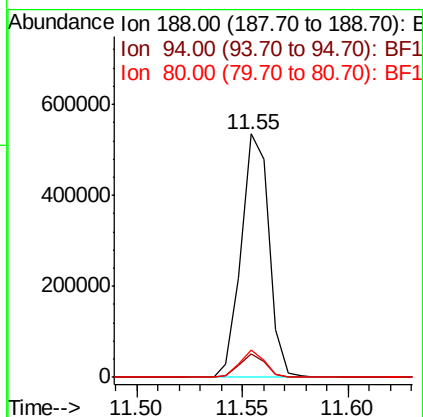
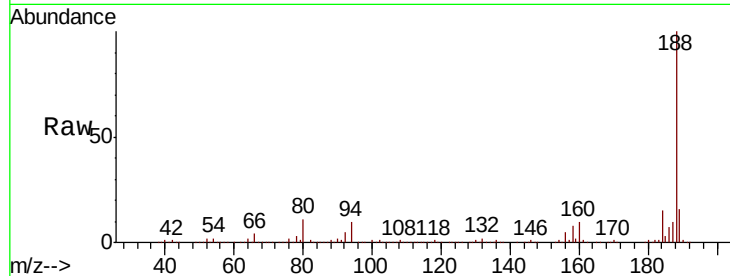




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

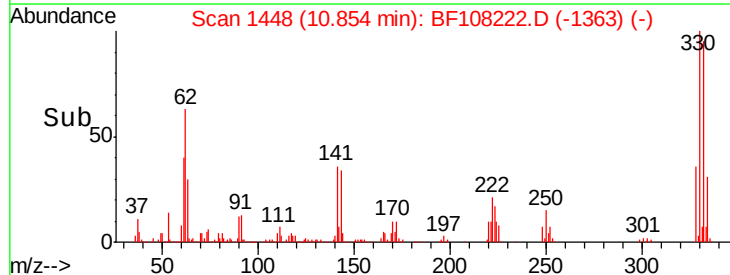
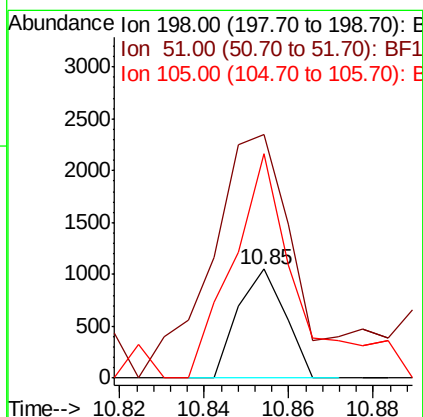
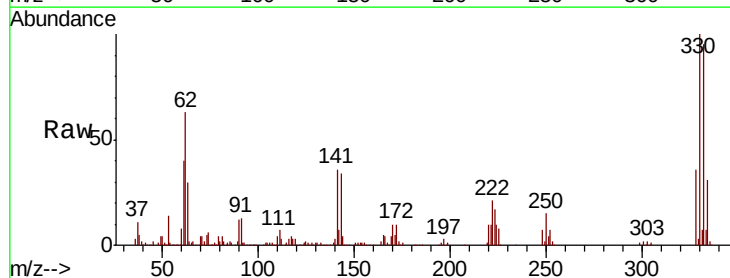
Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-081418

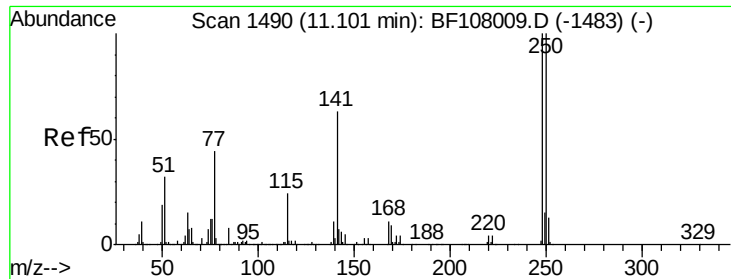
Tgt Ion:188 Resp: 489131
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 11.0 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.753 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. 0.20 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion:198 Resp: 816
 Ion Ratio Lower Upper
 198 100
 51 224.0 37.7 77.7#
 105 207.1 36.3 76.3#

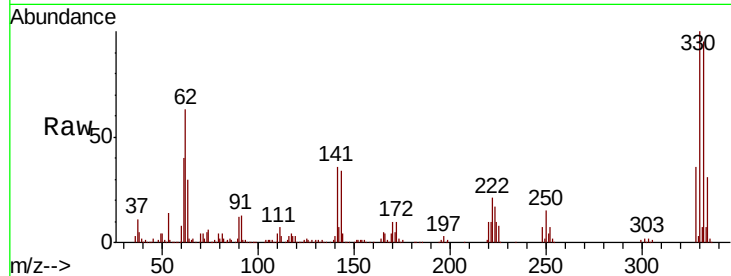




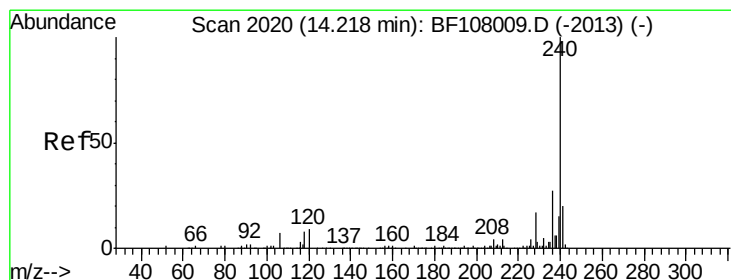
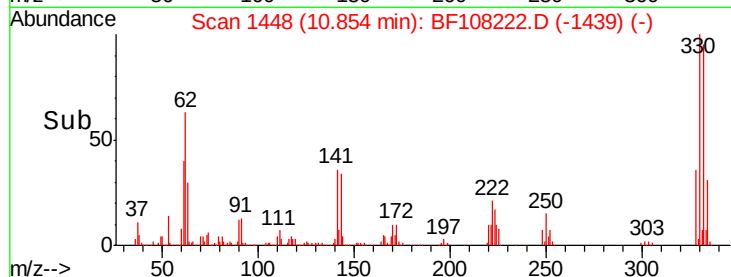
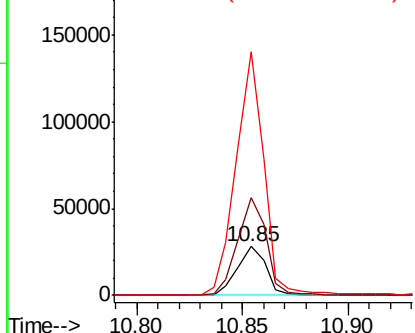
#66
 4-Bromophenyl-phenylether
 Concen: 5.005 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-081418

Tgt Ion:248 Resp: 26606
 Ion Ratio Lower Upper
 248 100
 250 200.3 76.9 115.3#
 141 502.2 74.4 111.6#

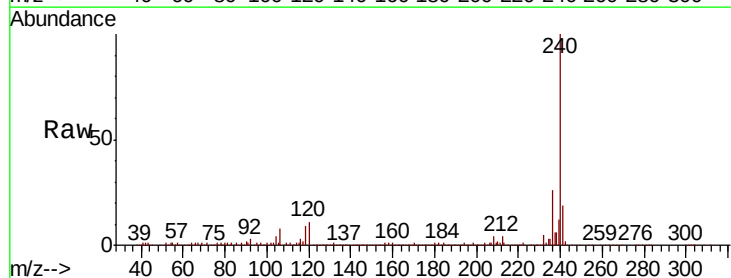


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

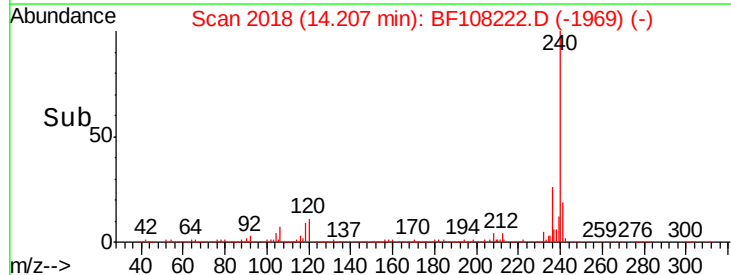
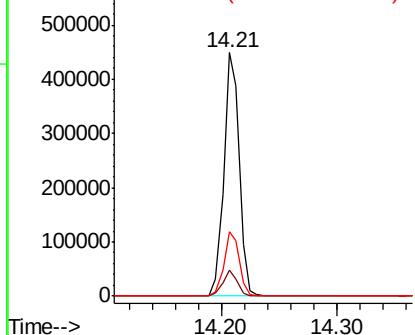


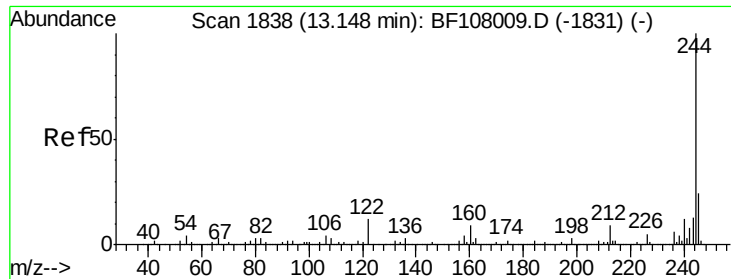
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.21 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion:240 Resp: 413628
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.5 14.3
 236 26.4 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

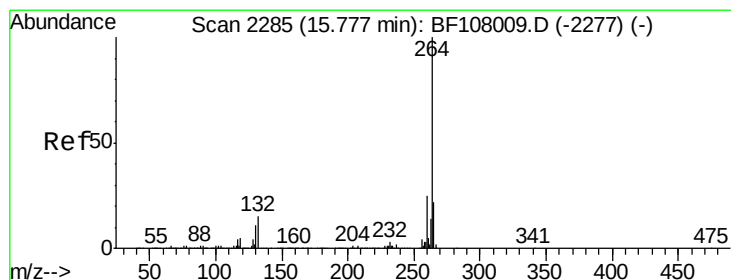
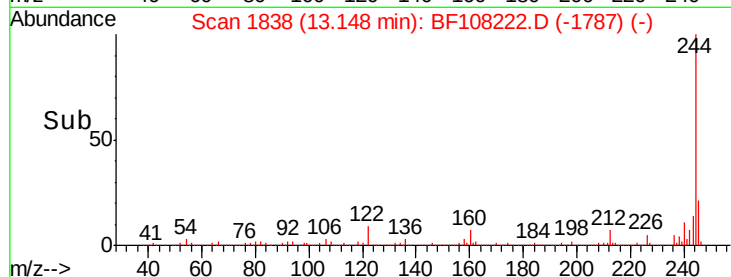
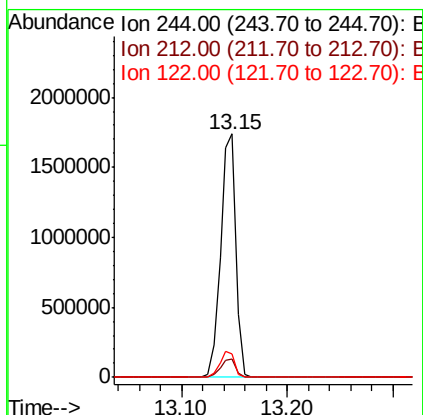
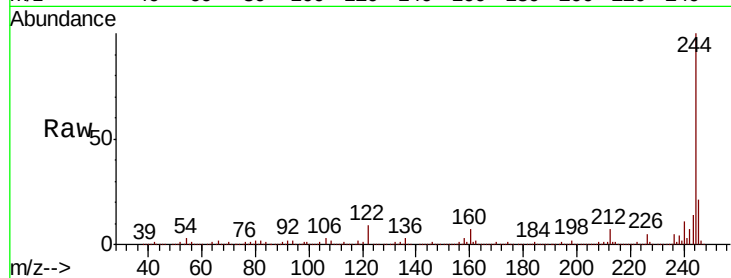




#78
 Terphenyl-d14
 Concen: 107.964 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Instrument :
 BNA_F
 ClientSampleId :
 DSN-001A-081418

Tgt Ion:244 Resp: 1756377
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF108222.D
 Acq: 17 Aug 2018 3:43

Tgt Ion:264 Resp: 305158
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.8 17.5 26.3

