

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107728.D
 Acq On : 27 Jul 2018 5:30
 Operator : JU/SJ
 Sample : J4163-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Jul 27 08:22:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	180410	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	687678	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	365972	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	525969	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	438029	20.00	ng	-0.02
86) Perylene-d12	15.67	264	467125	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	574205	51.17	ng	-0.01
7) Phenol-d6	6.60	99	476861	35.39	ng	-0.02
23) Nitrobenzene-d5	7.53	82	939018	92.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	438293	105.32	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1833142	86.08	ng	-0.02
78) Terphenyl-d14	13.08	244	1389413	81.21	ng	-0.02

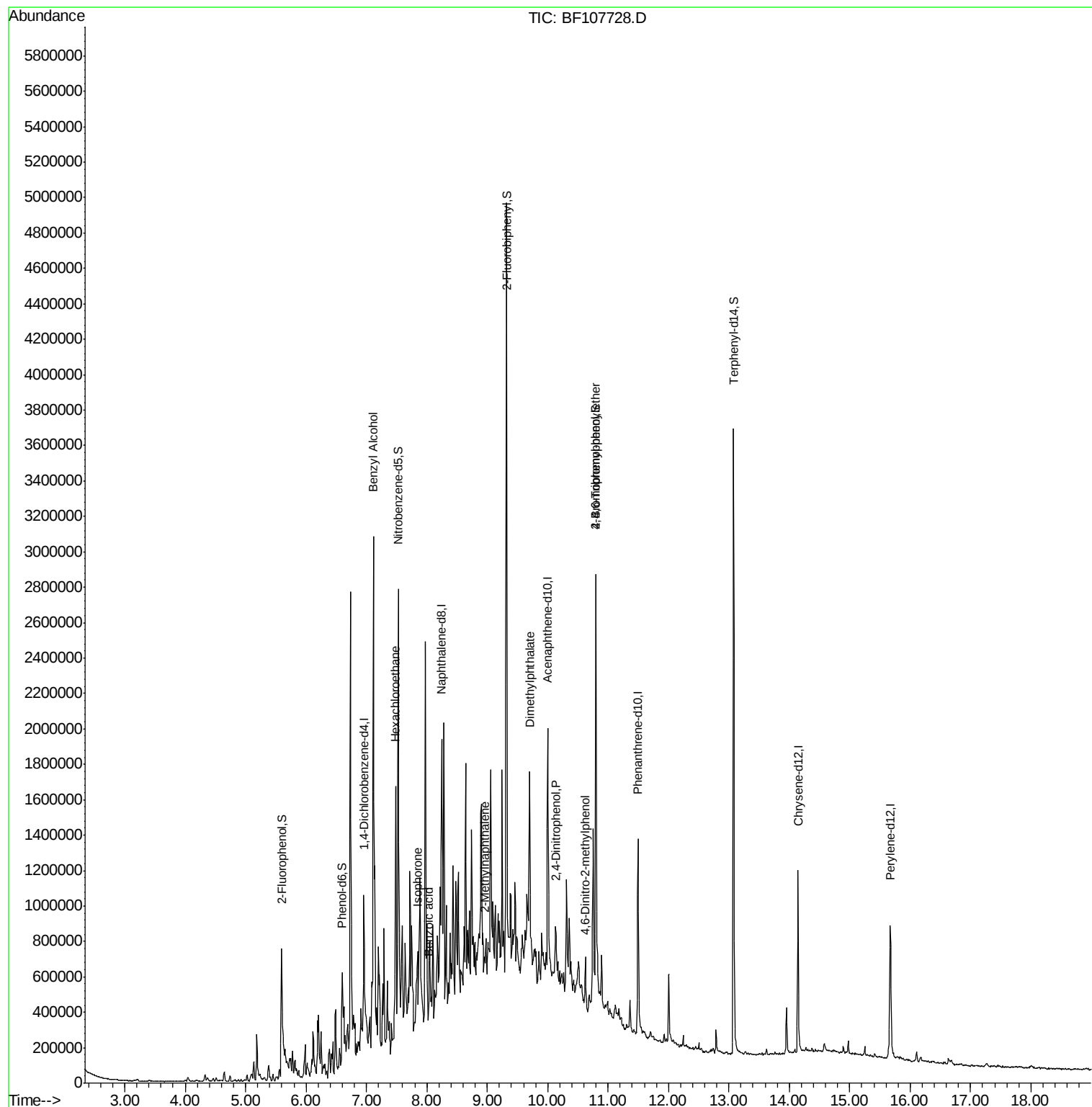
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	1564	Below Cal	#	15
15) Benzyl Alcohol	7.11	79	20025	2.181	ng	42
18) Hexachloroethane	7.49	117	97587	19.916	ng	1
25) Isophorone	7.85	82	44957	2.066	ng	60
32) Benzoic acid	8.02	122	623	7.980	ng	1
37) 2-Methylnaphthalene	8.95	142	52586	2.509	ng	93
49) Dimethylphthalate	9.71	163	159832	5.795	ng	96
53) 2,4-Dinitrophenol	10.12	184	248	8.413	ng	1
64) 4,6-Dinitro-2-methylphenol	10.61	198	1155	9.053	ng	1
66) 4-Bromophenyl-phenylether	10.80	248	26208	4.233	ng	1
73) Di-n-butylphthalate	12.04	149	3555	Below Cal	#	66
81) 3,3'-Dichlorobenzidine	14.09	252	306	Below Cal	#	3

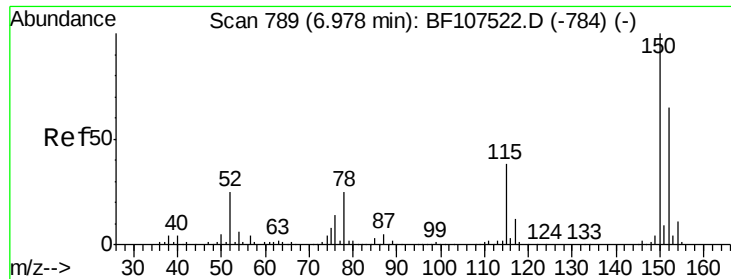
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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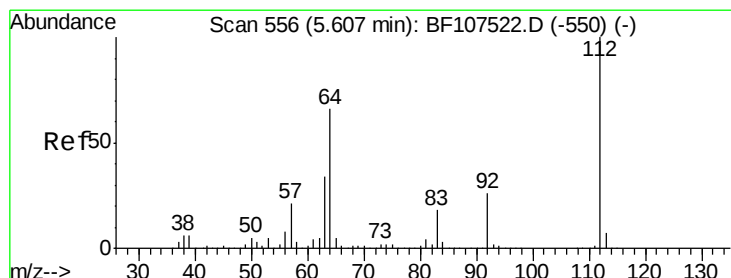
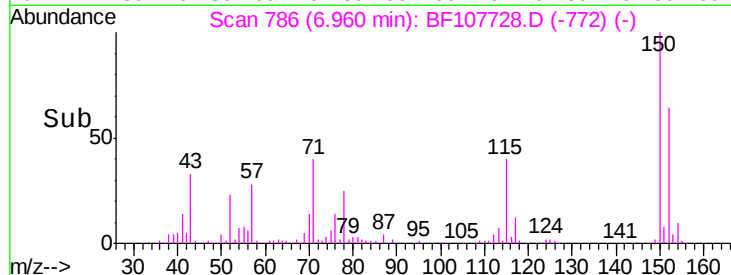
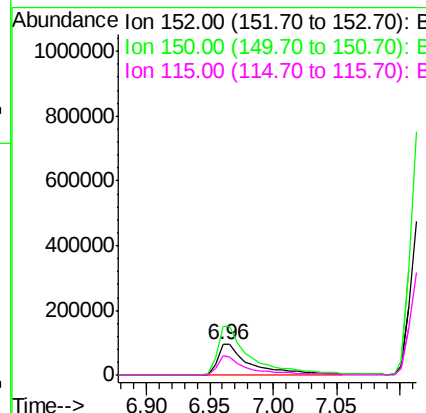
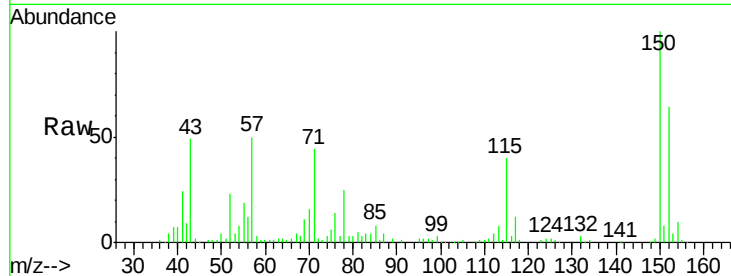


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Instrument :
BNA_F
ClientSampleId :
MW-11

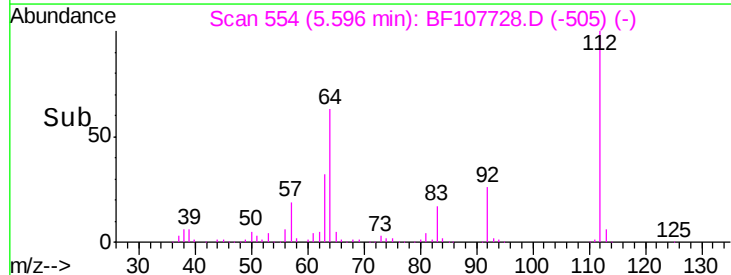
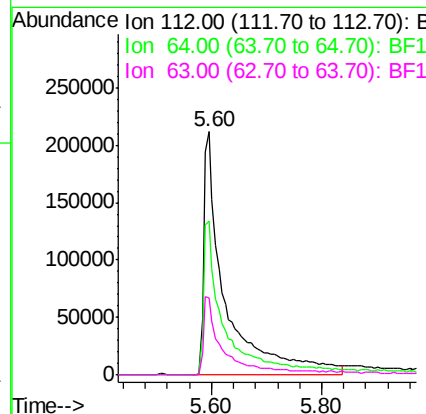
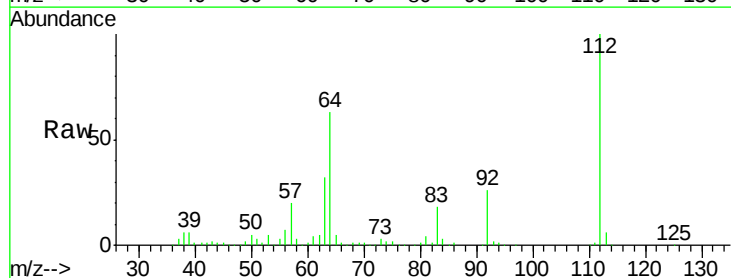
Tgt Ion:152 Resp: 180410
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.1 50.1 75.1

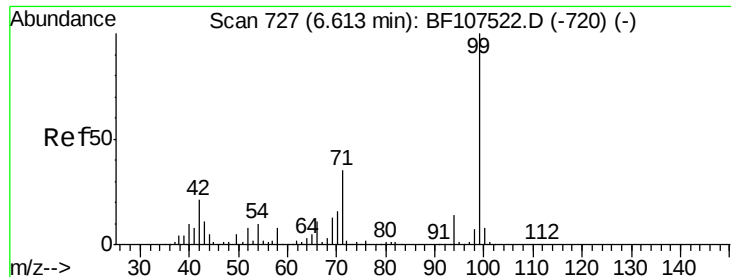


#5

2-Fluorophenol
Concen: 51.173 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Tgt Ion:112 Resp: 574205
Ion Ratio Lower Upper
112 100
64 63.3 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 35.393 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

Instrument :

BNA_F

ClientSampleId :

MW-11

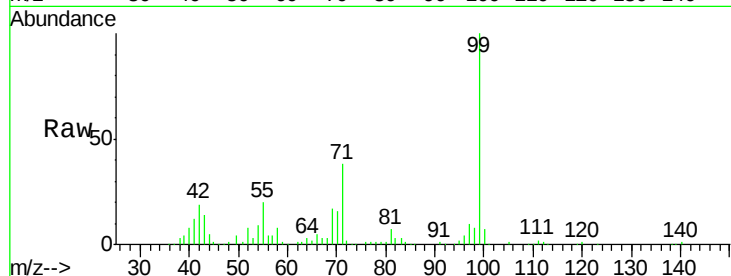
Tgt Ion: 99 Resp: 476861

Ion Ratio Lower Upper

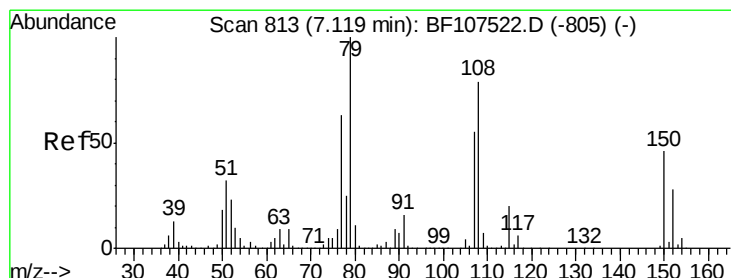
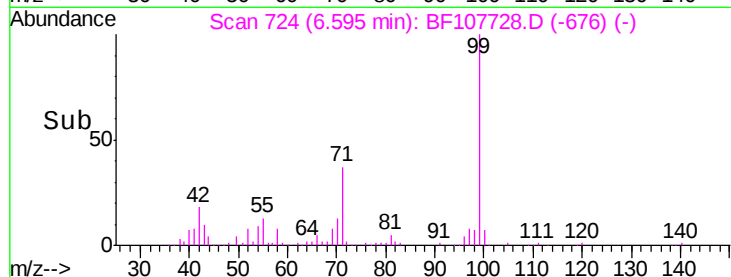
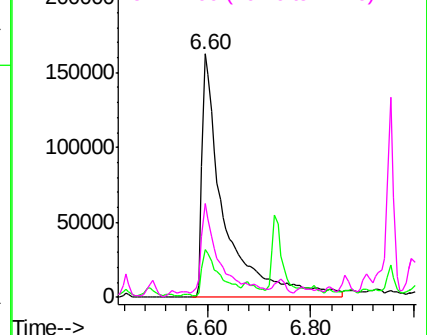
99 100

42 19.4 14.5 21.7

71 38.4 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



#15

Benzyl Alcohol

Concen: 2.181 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

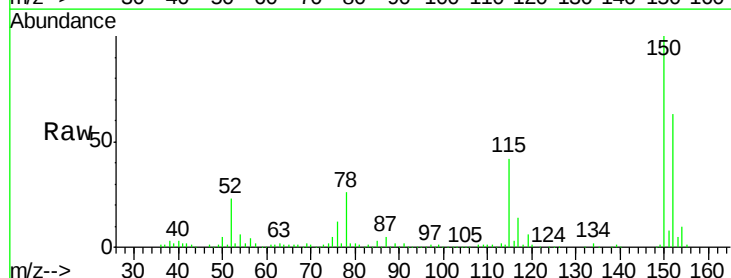
Tgt Ion: 79 Resp: 20025

Ion Ratio Lower Upper

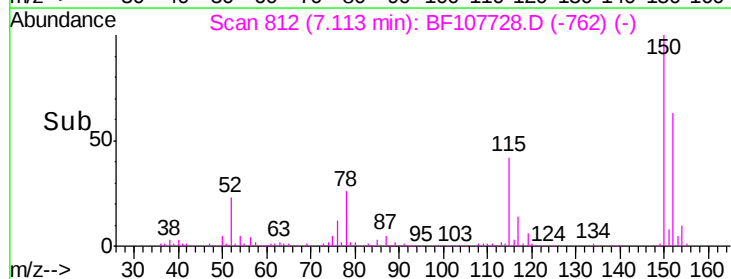
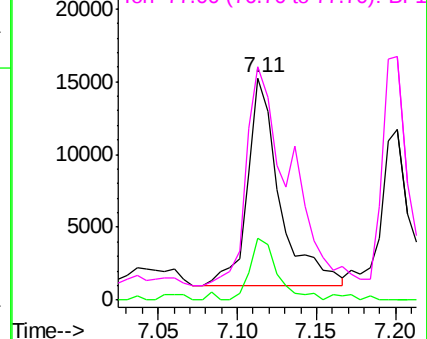
79 100

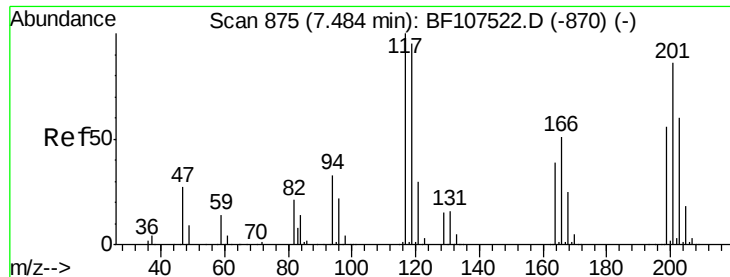
108 27.7 65.1 97.7#

77 105.4 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

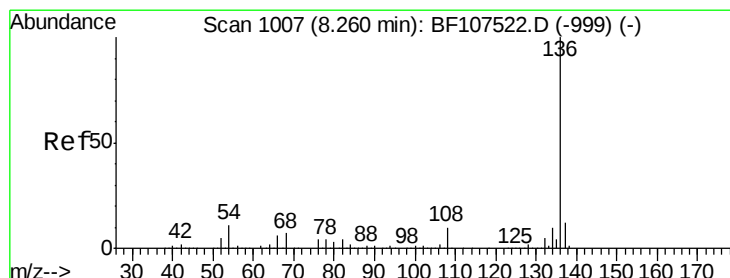
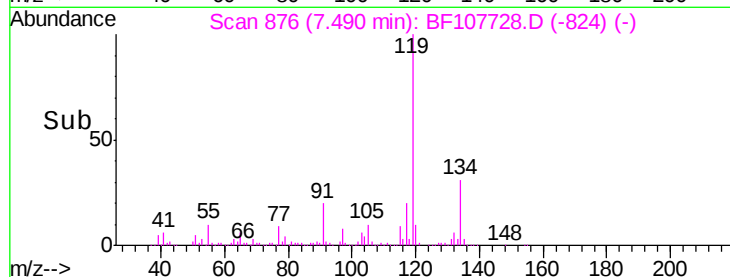
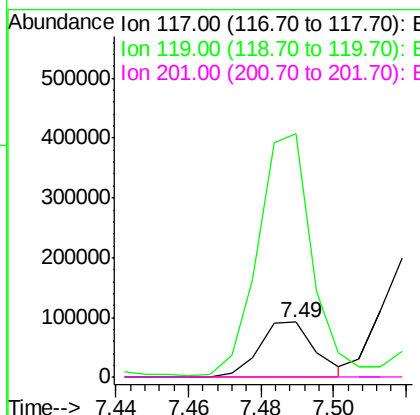
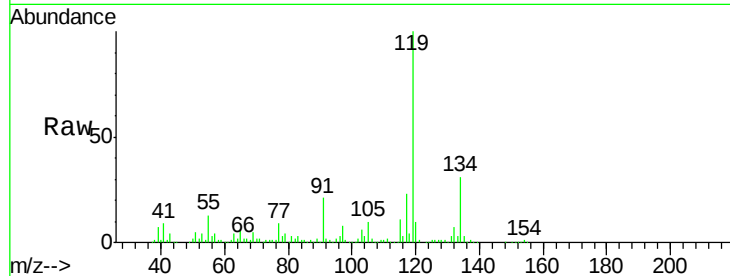




#18
Hexachloroethane
Concen: 19.916 ng
RT: 7.49 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

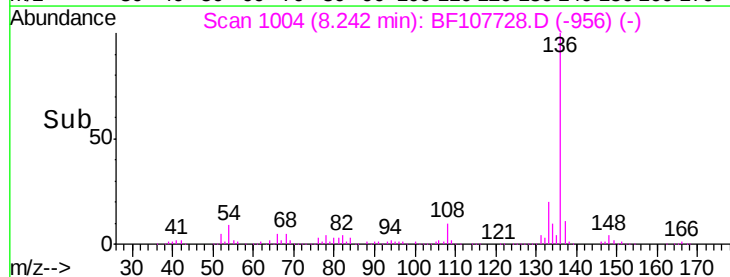
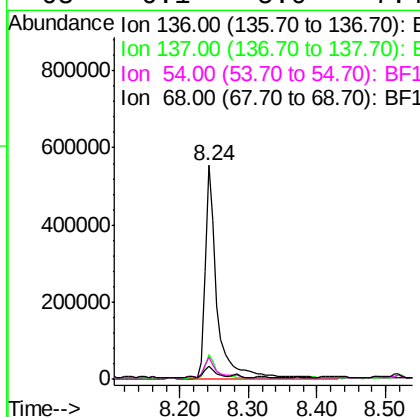
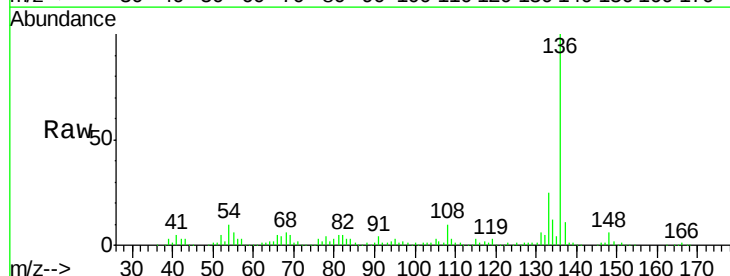
Instrument :
BNA_F
ClientSampled :
MW-11

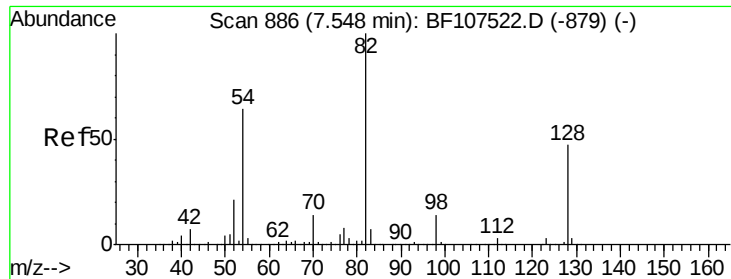
Tgt Ion:117 Resp: 97587
Ion Ratio Lower Upper
117 100
119 442.4 75.8 113.8#
201 0.0 75.7 113.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Tgt Ion:136 Resp: 687678
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 10.0 6.6 9.8#
68 6.1 5.0 7.4

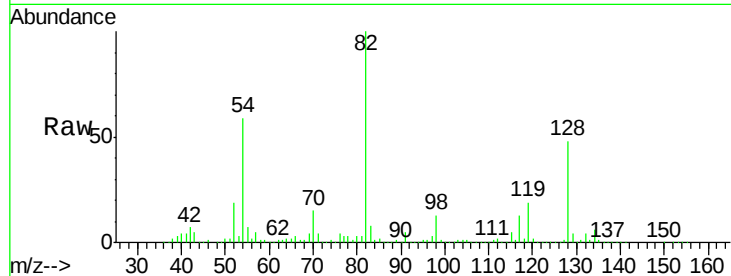




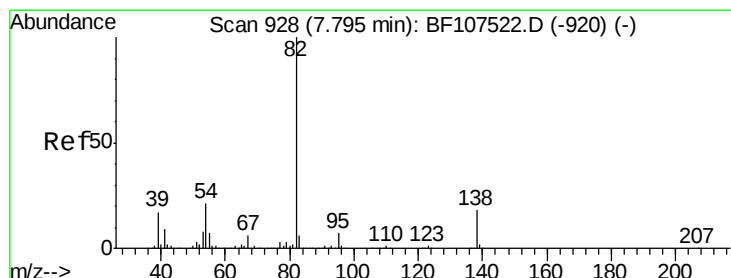
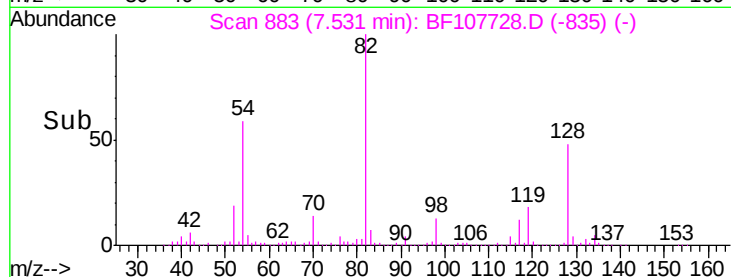
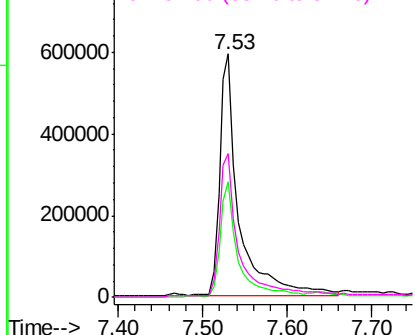
#23
 Nitrobenzene-d5
 Concen: 92.154 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Tgt Ion: 82 Resp: 939018
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 59.1 41.4 62.2

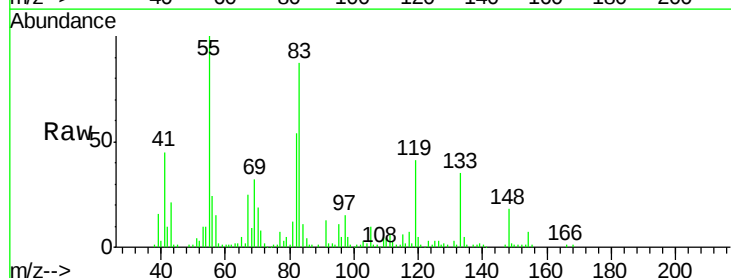


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

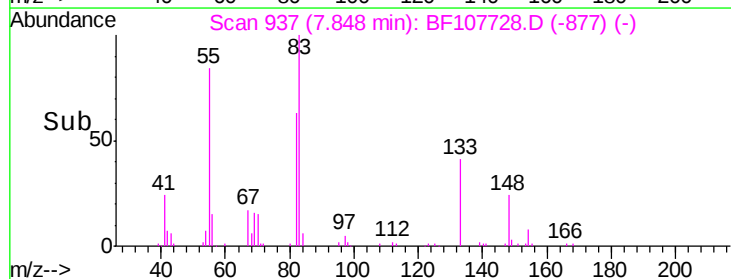
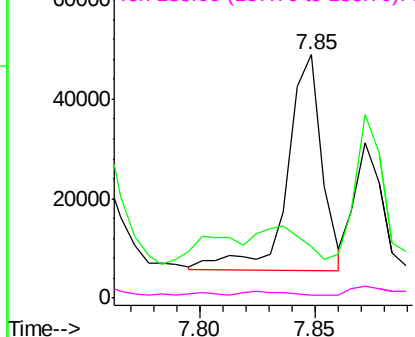


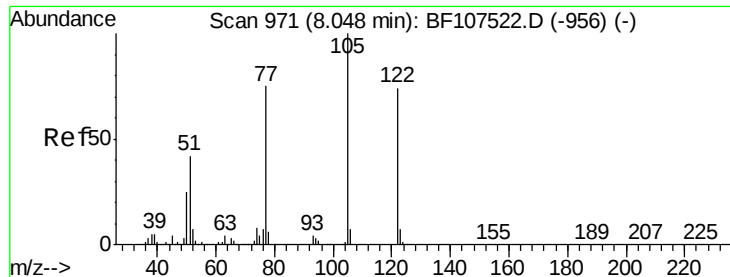
#25
 Isophorone
 Concen: 2.066 ng
 RT: 7.85 min Scan# 937
 Delta R.T. 0.05 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Tgt Ion: 82 Resp: 44957
 Ion Ratio Lower Upper
 82 100
 95 21.3 5.2 7.8#
 138 1.1 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

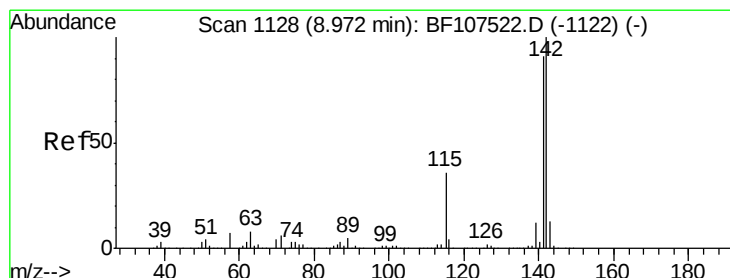
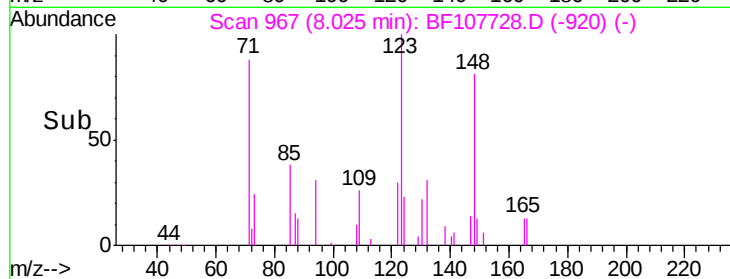
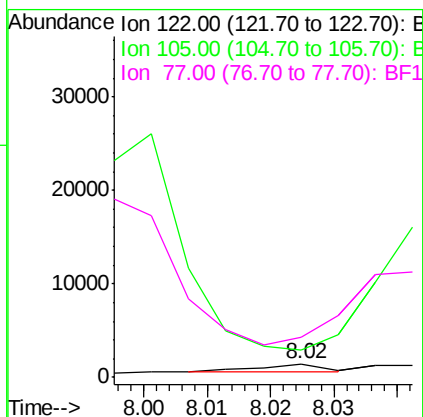
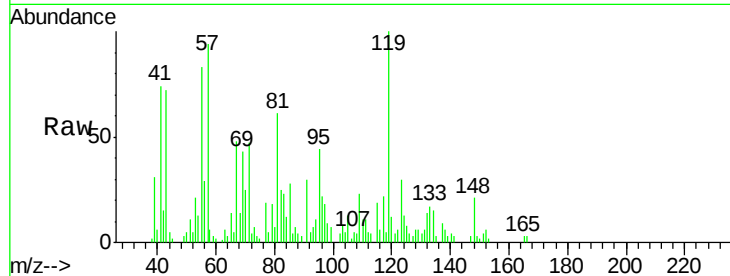




#32
Benzoic acid
Concen: 7.980 ng
RT: 8.02 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

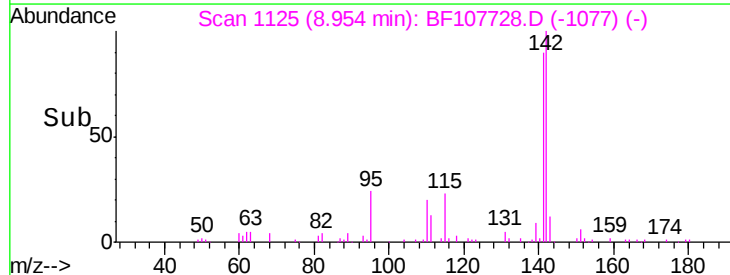
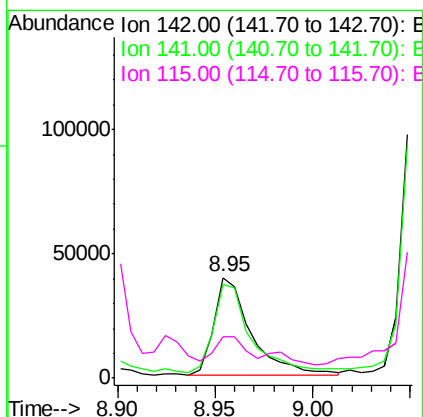
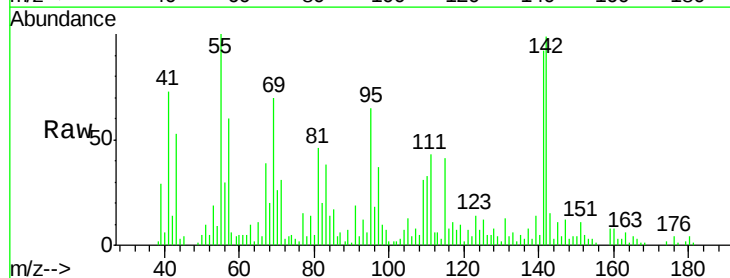
Instrument :
BNA_F
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MW-11

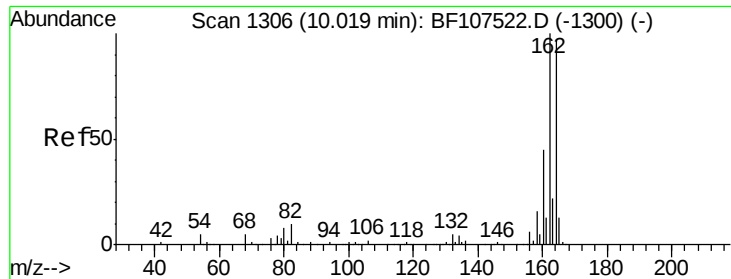
Tgt Ion:122 Resp: 623
Ion Ratio Lower Upper
122 100
105 206.7 101.1 141.1#
77 303.7 70.7 110.7#



#37
2-Methylnaphthalene
Concen: 2.509 ng
RT: 8.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Tgt Ion:142 Resp: 52586
Ion Ratio Lower Upper
142 100
141 92.9 70.8 106.2
115 41.1 26.1 39.1#

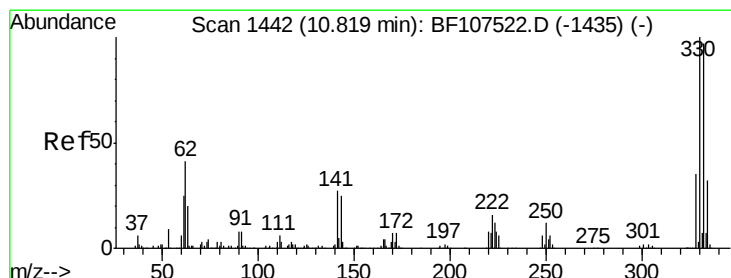
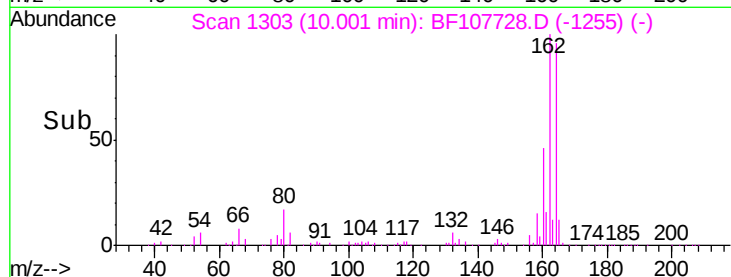
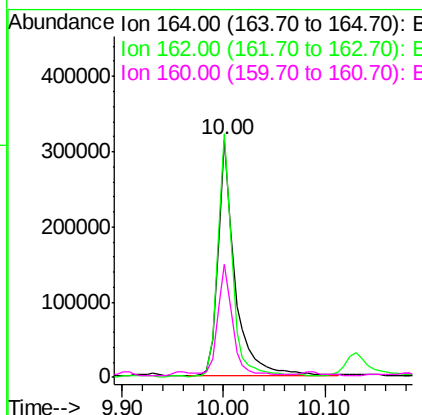
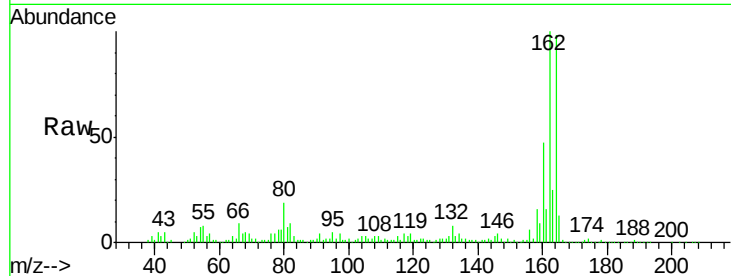




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

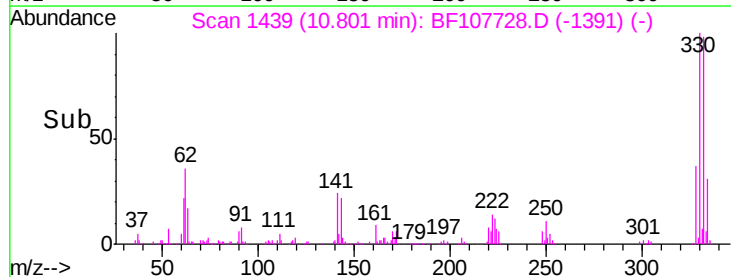
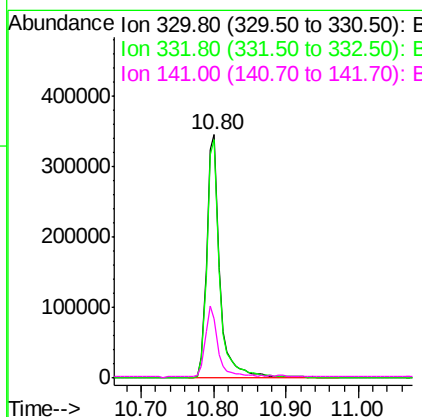
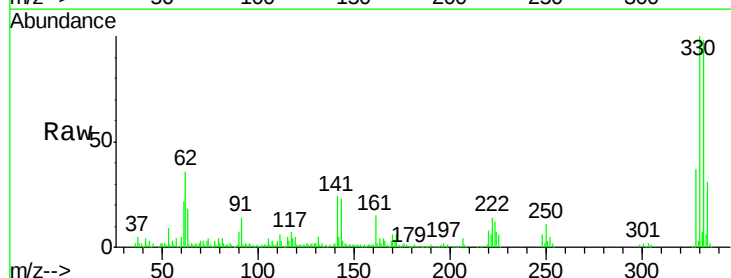
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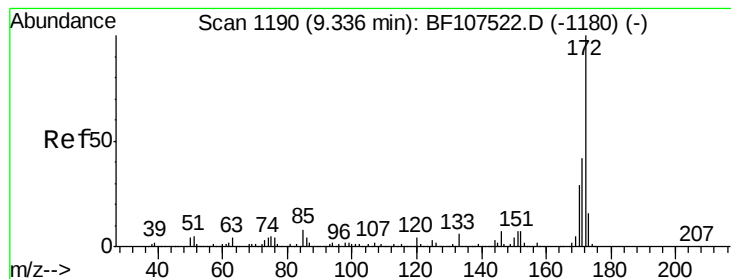
Tgt Ion:164 Resp: 365972
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 47.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 105.317 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Tgt Ion:330 Resp: 438293
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 28.1 29.9 44.9#

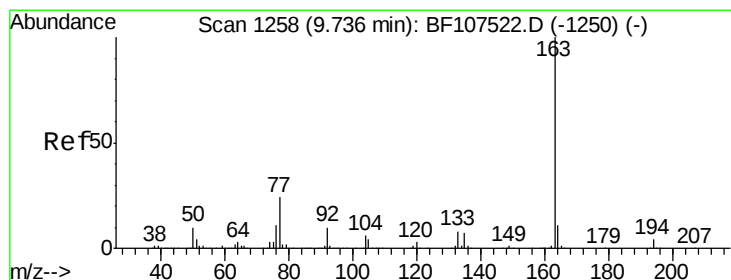
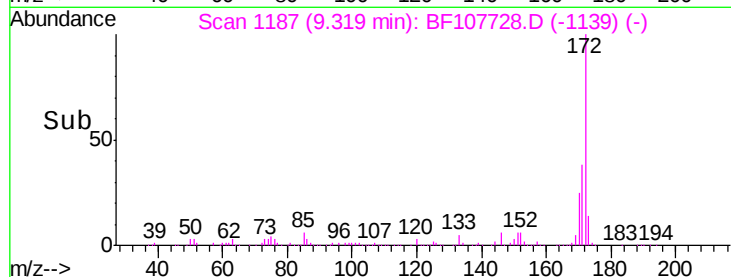
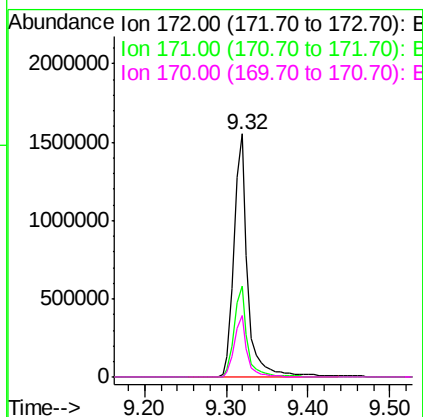
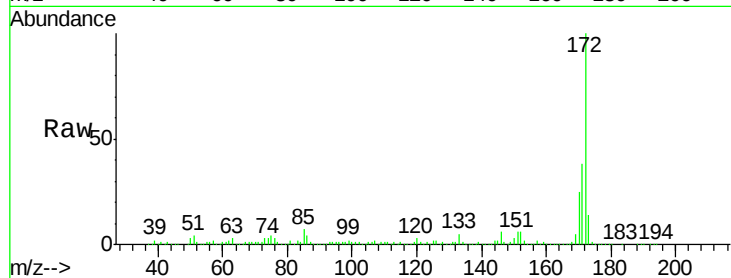




#44
 2-Fluorobiphenyl
 Concen: 86.084 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

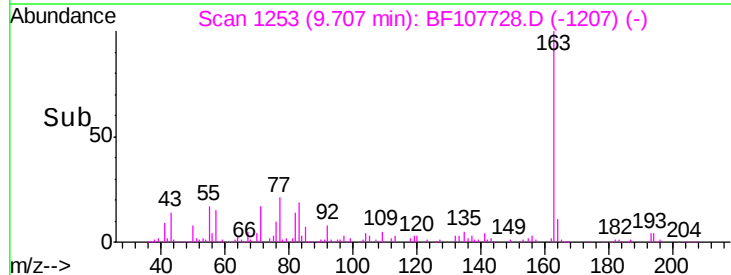
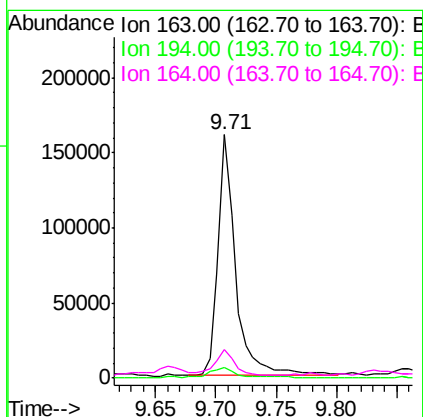
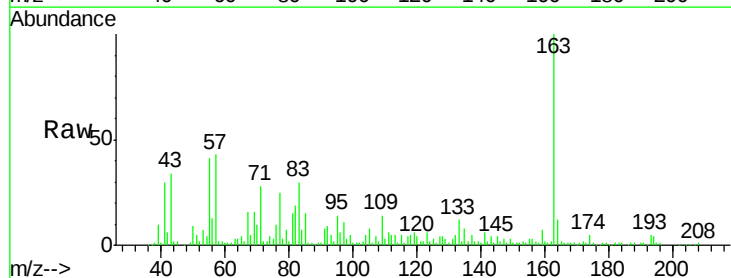
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

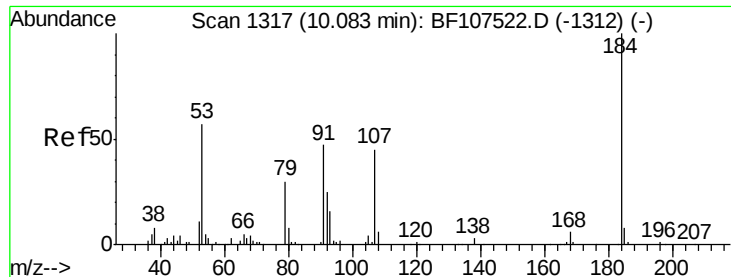
Tgt Ion:172 Resp: 1833142
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.7 44.5
 170 25.3 19.6 29.4



#49
 Dimethylphthalate
 Concen: 5.795 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Tgt Ion:163 Resp: 159832
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 11.8 8.2 12.2

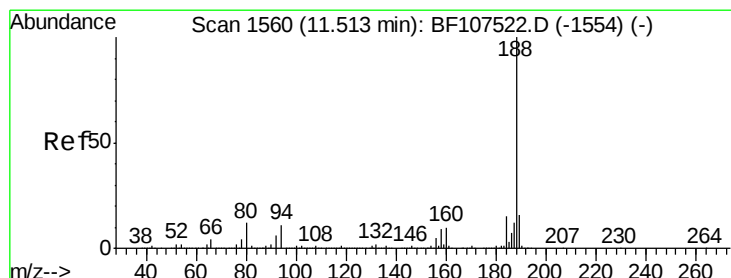
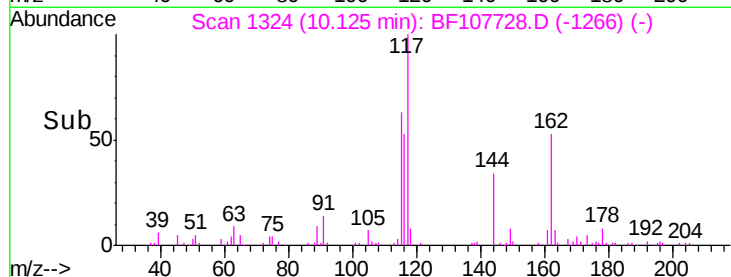
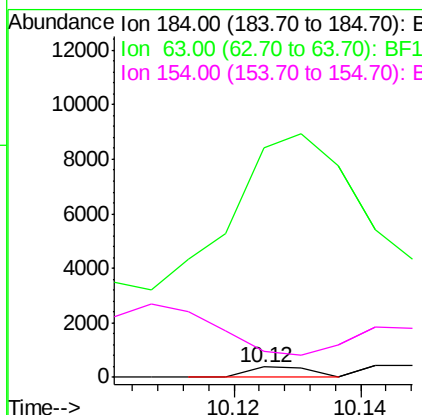
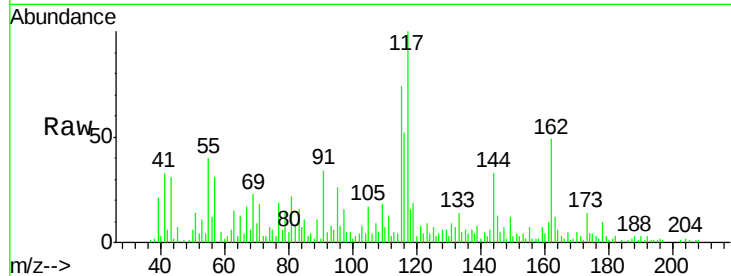




#53
 2,4-Dinitrophenol
 Concen: 8.413 ng
 RT: 10.12 min Scan# 1324
 Delta R.T. 0.04 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

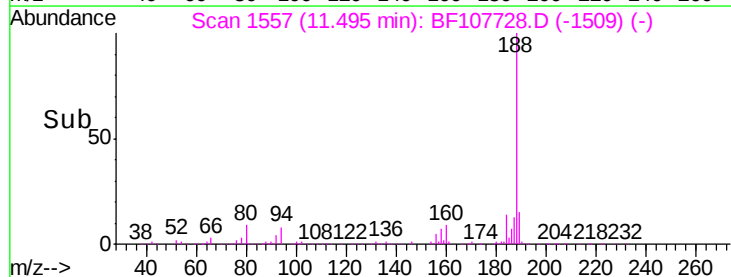
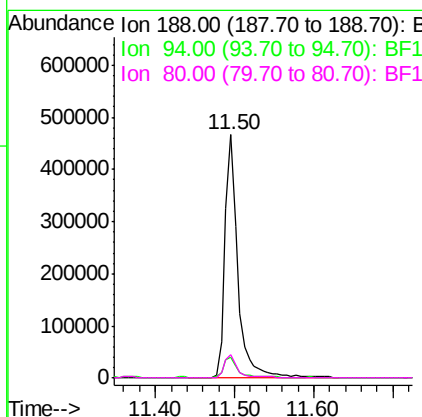
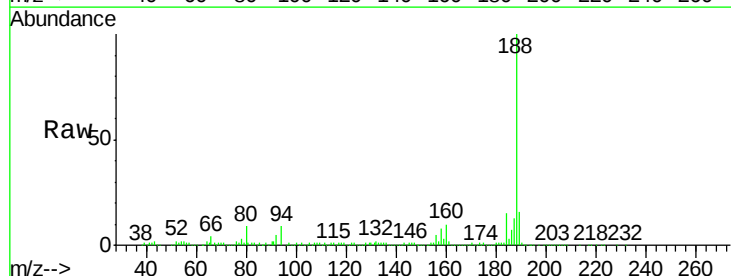
Instrument :
 BNA_F
 ClientSampleId :
 MW-11

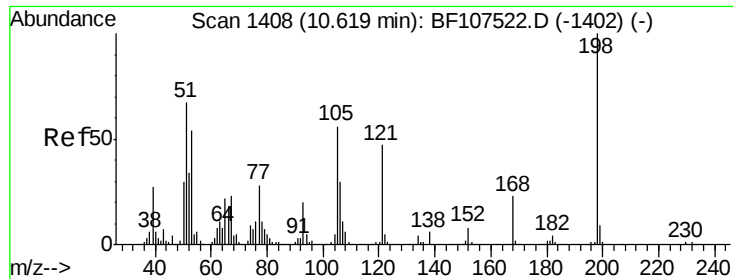
Tgt Ion:184 Resp: 248
 Ion Ratio Lower Upper
 184 100
 63 2221.4 54.2 81.2#
 154 248.0 184.0 276.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF107728.D
 Acq: 27 Jul 2018 5:30

Tgt Ion:188 Resp: 525969
 Ion Ratio Lower Upper
 188 100
 94 8.6 8.5 12.7
 80 9.4 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 9.053 ng

RT: 10.61 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

Instrument :

BNA_F

ClientSampleId :

MW-11

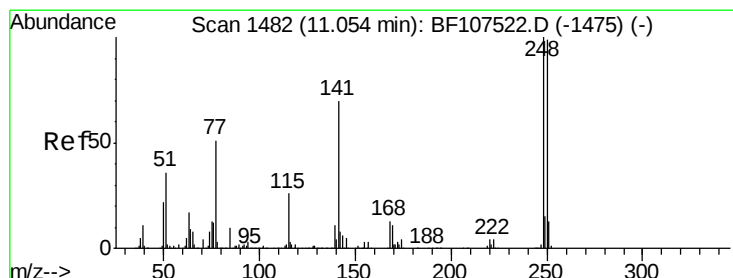
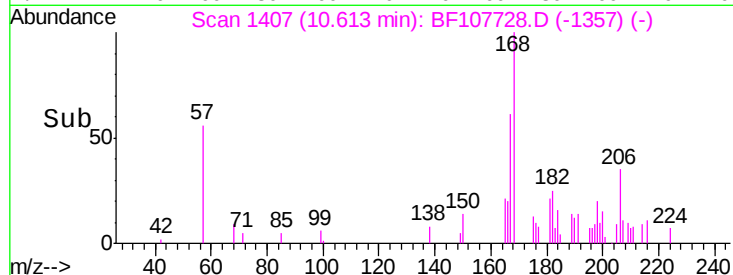
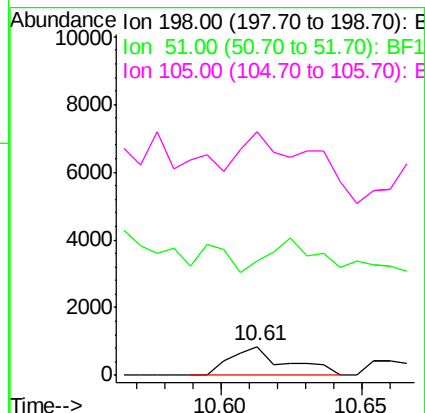
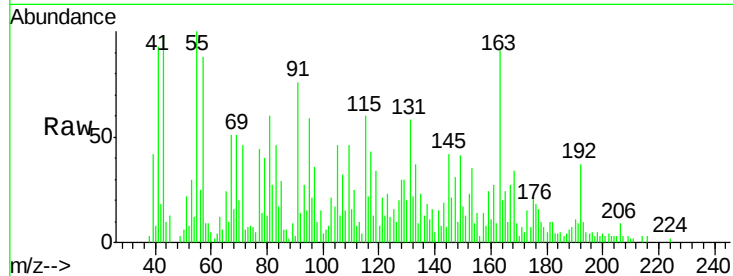
Tgt Ion:198 Resp: 1155

Ion Ratio Lower Upper

198 100

51 400.6 37.7 77.7#

105 852.7 36.3 76.3#



#66

4-Bromophenyl-phenylether

Concen: 4.233 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.26 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

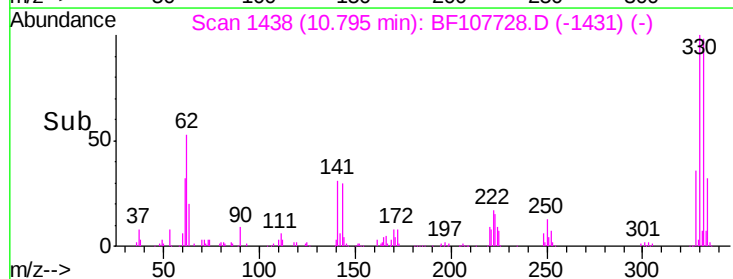
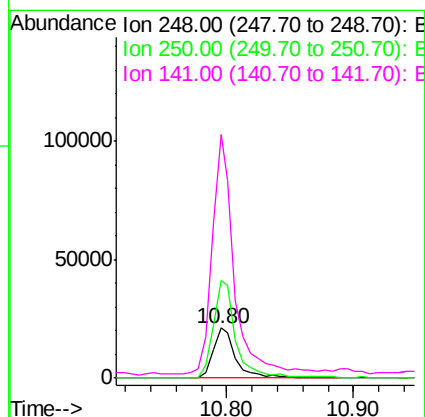
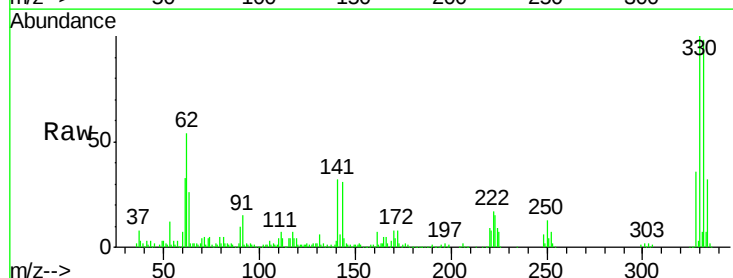
Tgt Ion:248 Resp: 26208

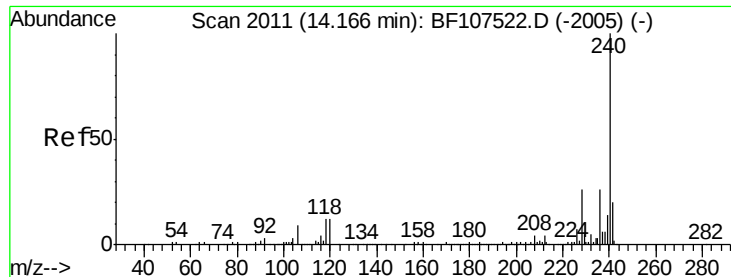
Ion Ratio Lower Upper

248 100

250 196.6 76.9 115.3#

141 489.0 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

Instrument :

BNA_F

ClientSampled :

MW-11

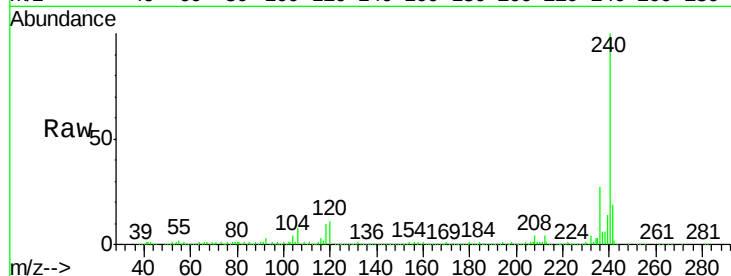
Tgt Ion:240 Resp: 438029

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

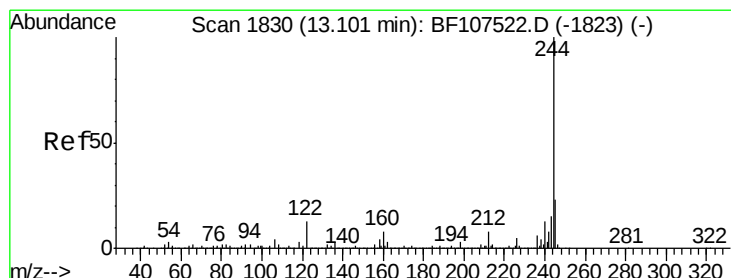
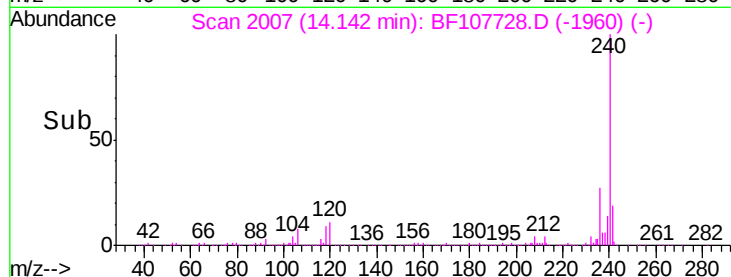
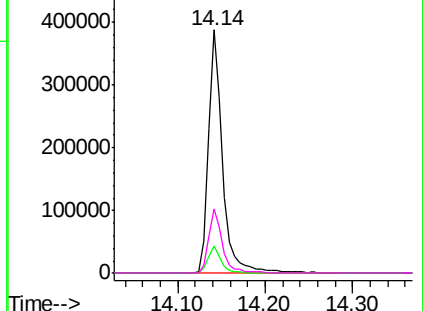
236 26.5 20.7 31.1



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: 81.205 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107728.D

Acq: 27 Jul 2018 5:30

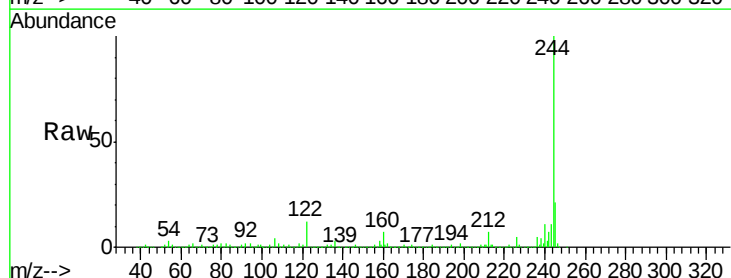
Tgt Ion:244 Resp: 1389413

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

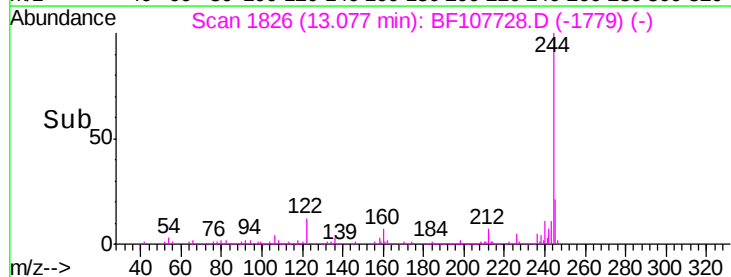
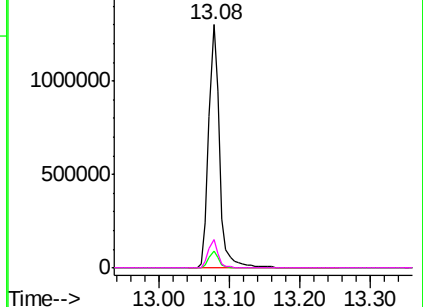
122 11.8 11.0 16.4

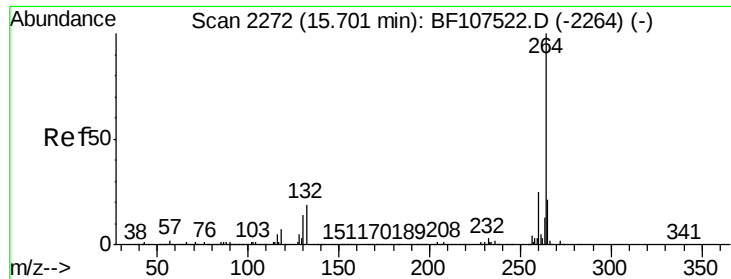


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.67 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF107728.D
Acq: 27 Jul 2018 5:30

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion: 264 Resp: 467125
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.7 17.5 26.3

