

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072318\
 Data File : BF107581.D
 Acq On : 23 Jul 2018 12:10
 Operator : JU/SJ
 Sample : J4018-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Quant Time: Jul 23 13:25:58 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	6.97	152	331225	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1181088	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	555378	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	1003817	20.00	ng	0.00
75) Chrysene-d12	14.17	240	687167	20.00	ng	0.00
86) Perylene-d12	15.71	264	784777	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	923144	44.81	ng	0.00
7) Phenol-d6	6.60	99	711887	28.78	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1588261	90.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	735502	116.46	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2702681	82.74	ng	0.00
78) Terphenyl-d14	13.10	244	2094328	78.03	ng	0.00

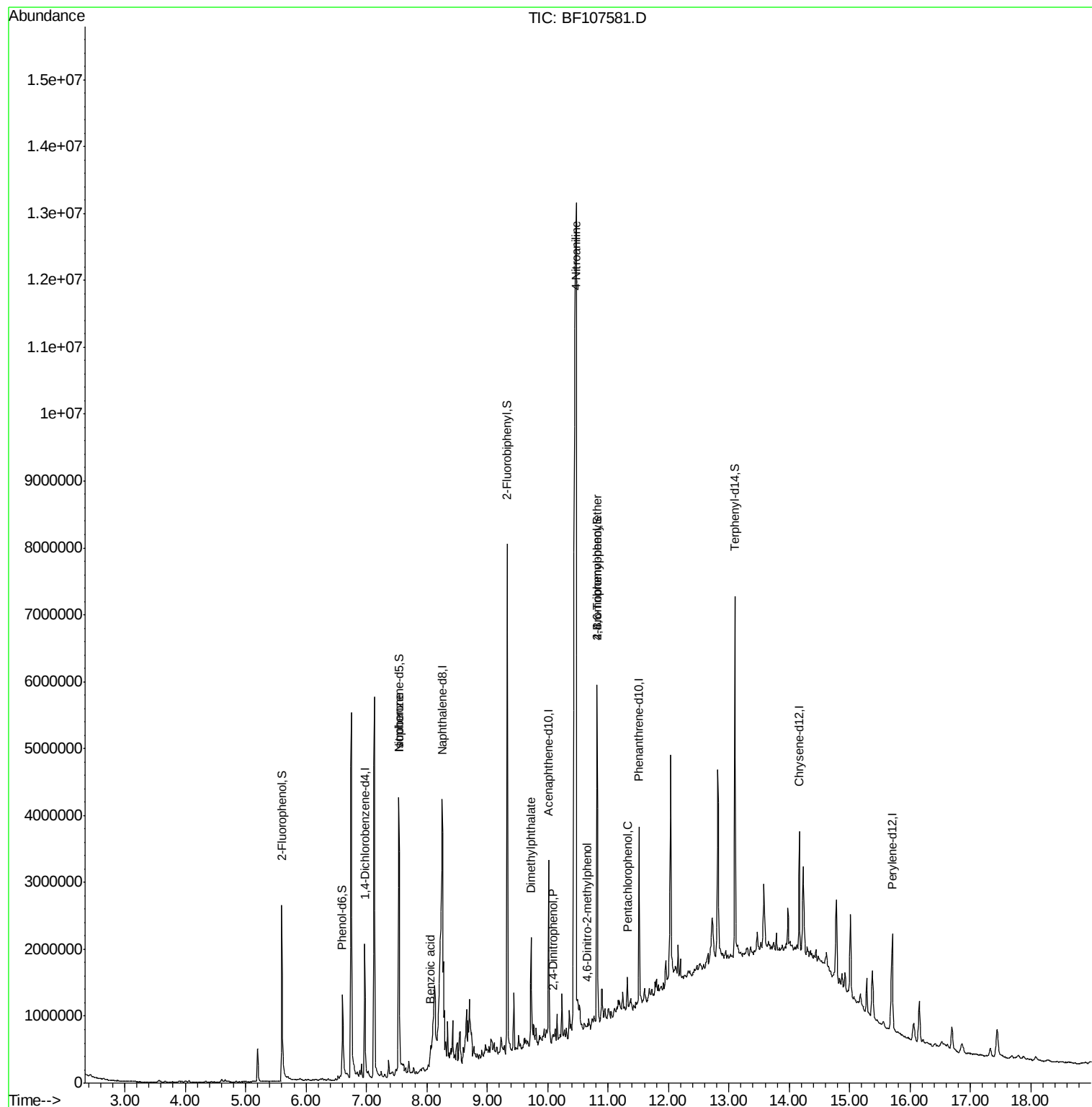
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.52	77	13508	Below Cal		89
25) Isophorone	7.54	82	1587505	42.484	ng	# 64
32) Benzoic acid	8.05	122	2594	8.093	ng	# 53
49) Dimethylphthalate	9.72	163	625034	14.933	ng	99
53) 2,4-Dinitrophenol	10.10	184	323	8.394	ng	# 1
61) 4-Nitroaniline	10.47	138	233457	27.485	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.65	198	1416	8.920	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	44163	3.737	ng	# 1
69) Pentachlorophenol	11.32	266	67478	8.309	ng	99
73) Di-n-butylphthalate	12.06	149	90736	Below Cal		# 88
81) 3,3'-Dichlorobenzidine	14.11	252	3511	Below Cal		# 54

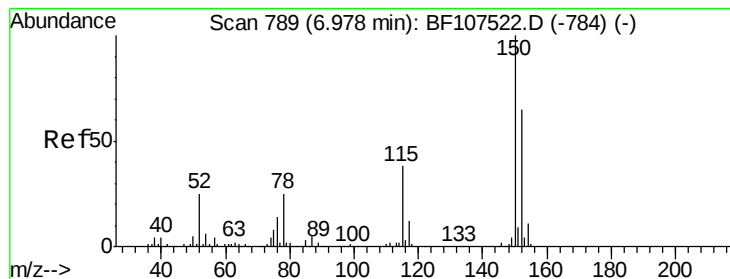
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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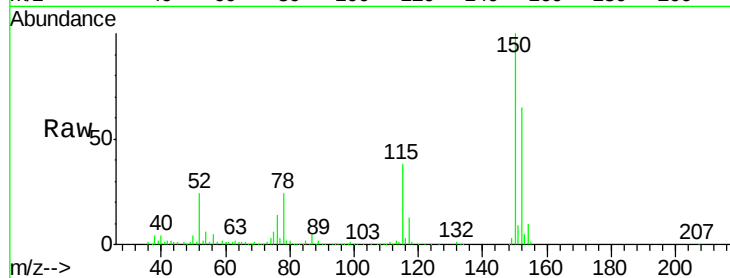




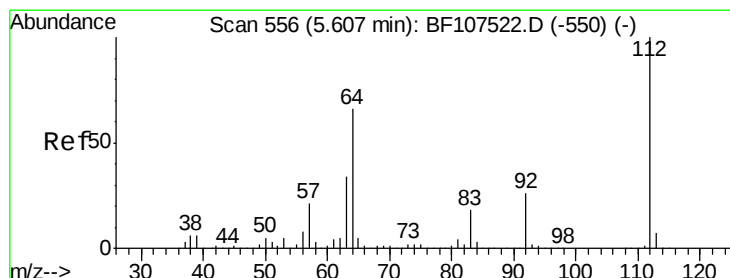
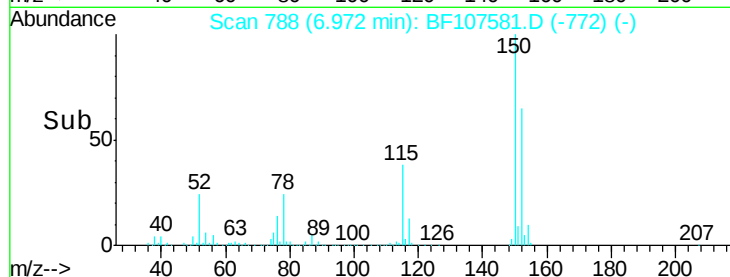
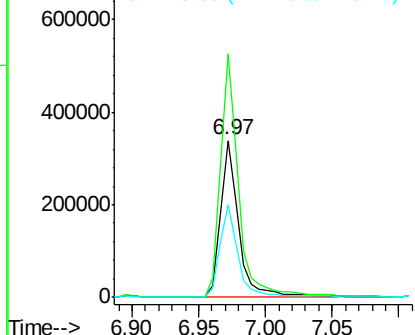
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Tgt Ion:152 Resp: 331225
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 186.8
 115 58.8 50.1 75.1

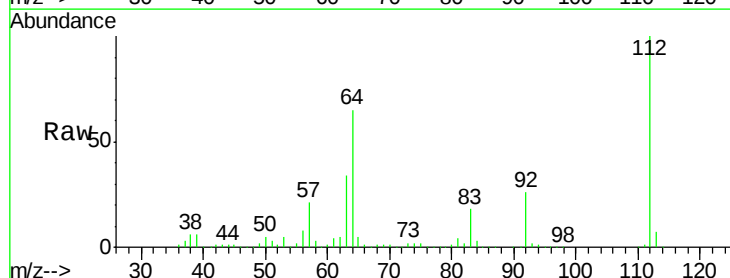


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

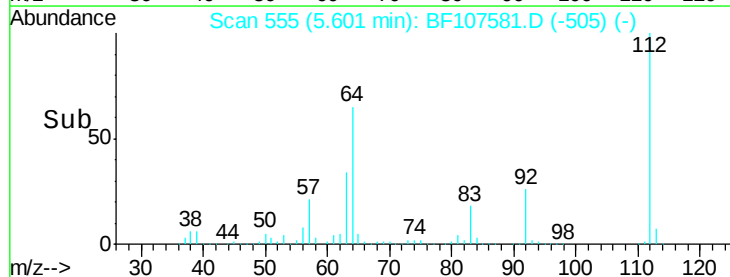
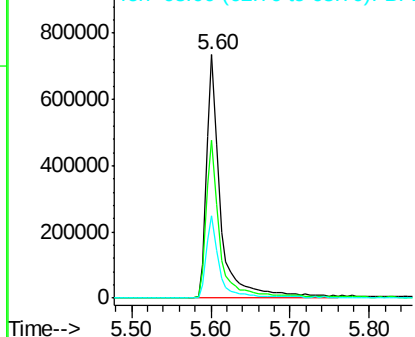


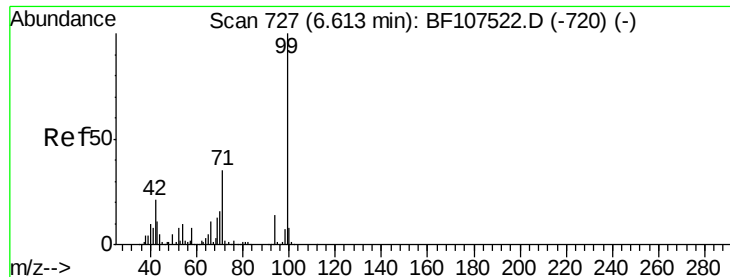
#5
 2-Fluorophenol
 Concen: 44.811 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion:112 Resp: 923144
 Ion Ratio Lower Upper
 112 100
 64 64.7 47.9 71.9
 63 33.6 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: 28.779 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

DRUM-3-4

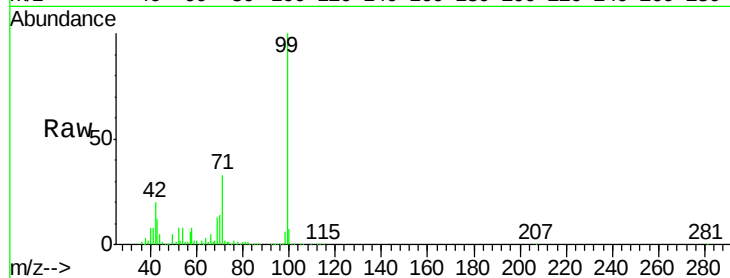
Tgt Ion: 99 Resp: 711887

Ion Ratio Lower Upper

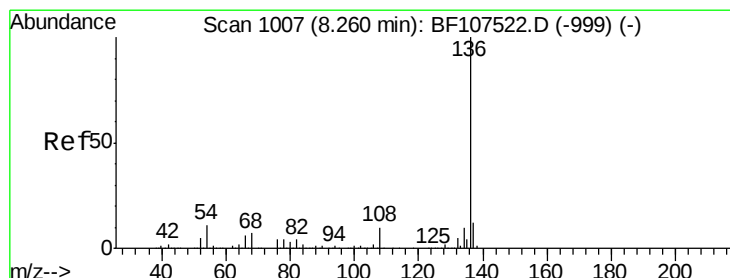
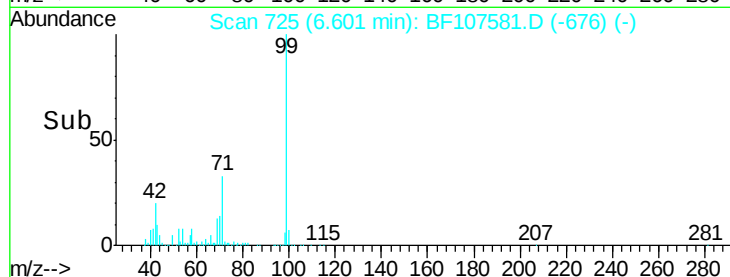
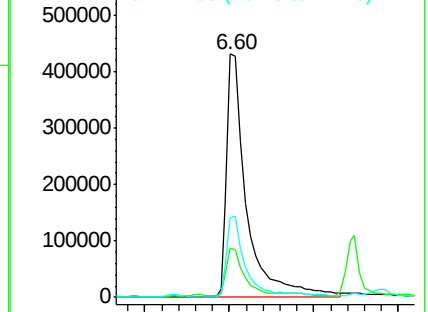
99 100

42 20.3 14.5 21.7

71 32.7 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Tgt Ion: 136 Resp: 1181088

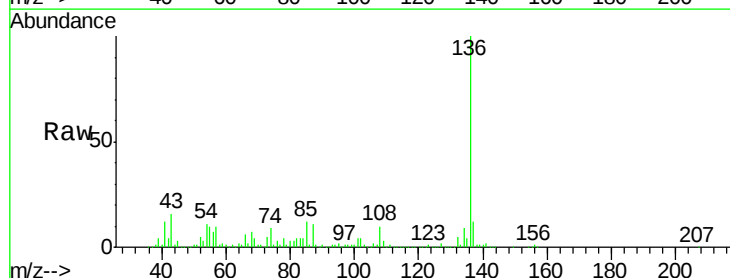
Ion Ratio Lower Upper

136 100

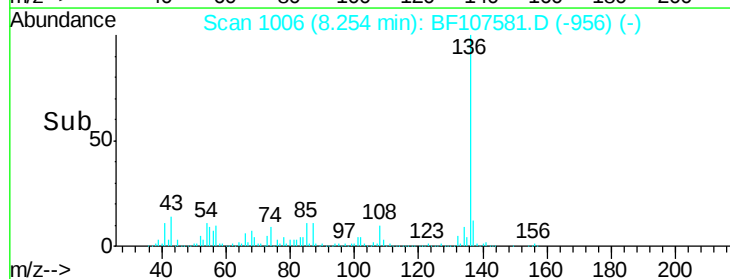
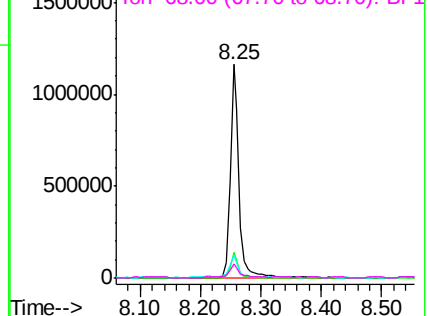
137 11.9 8.9 13.3

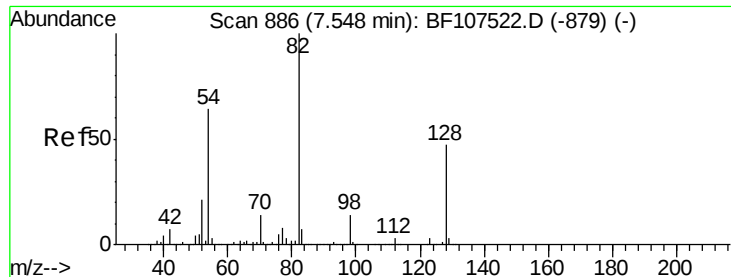
54 10.9 6.6 9.8#

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

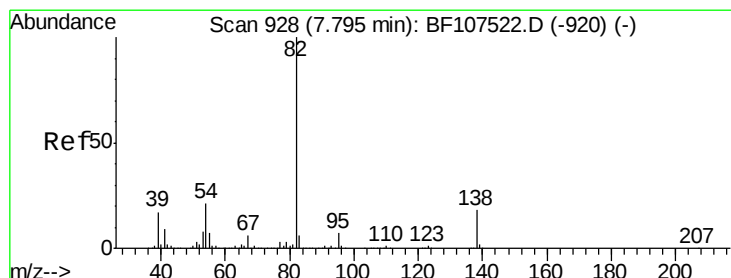
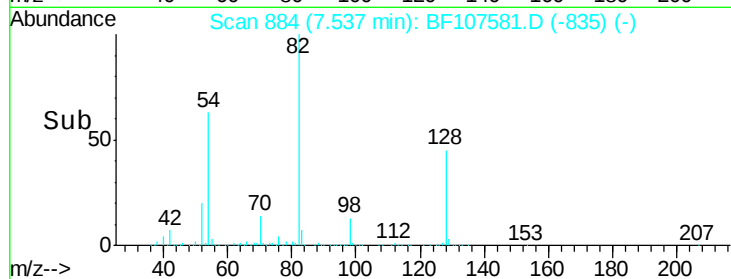
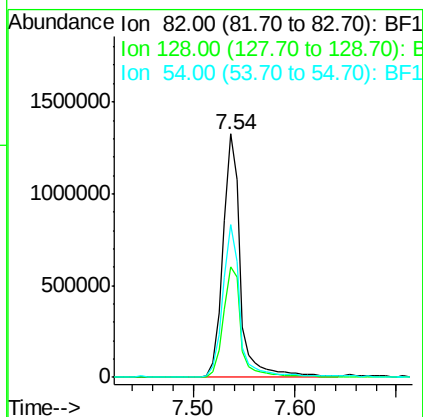
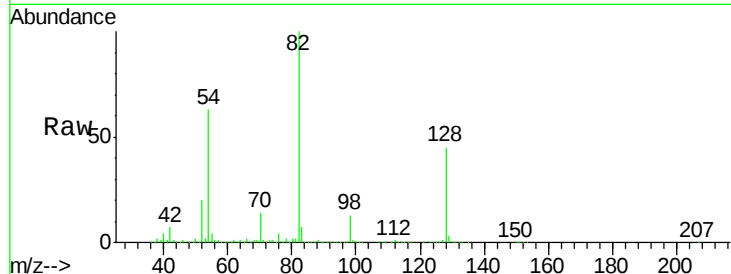




#23
 Nitrobenzene-d5
 Concen: 90.754 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

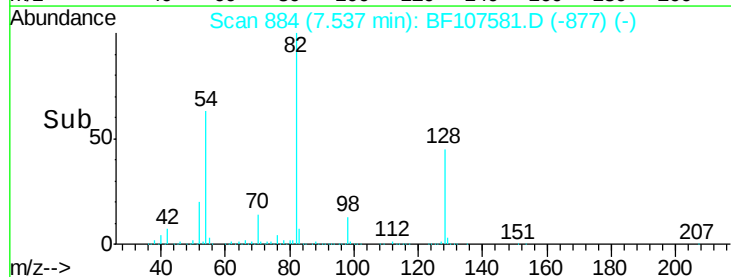
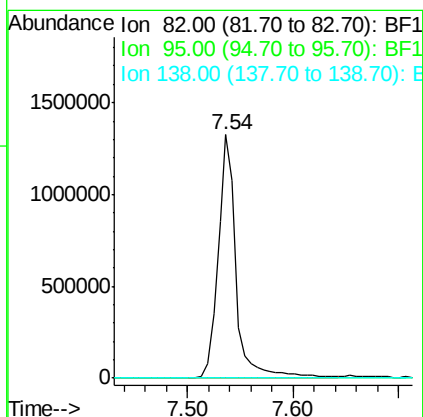
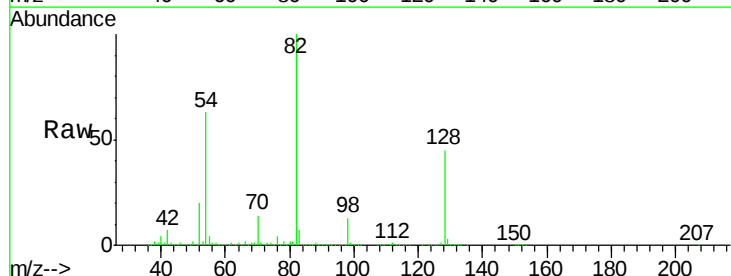
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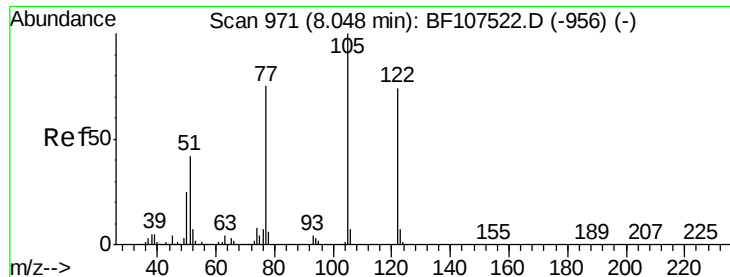
Tgt Ion: 82 Resp: 1588261
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 62.6 41.4 62.2#



#25
 Isophorone
 Concen: 42.484 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion: 82 Resp: 1587505
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#

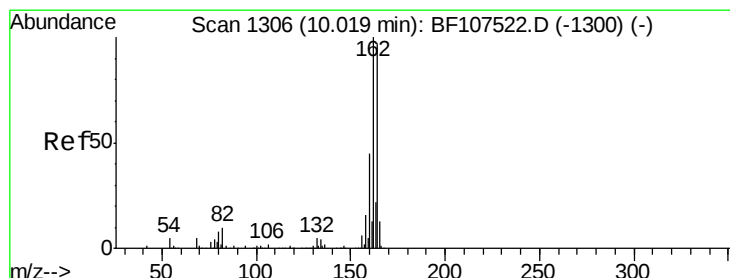
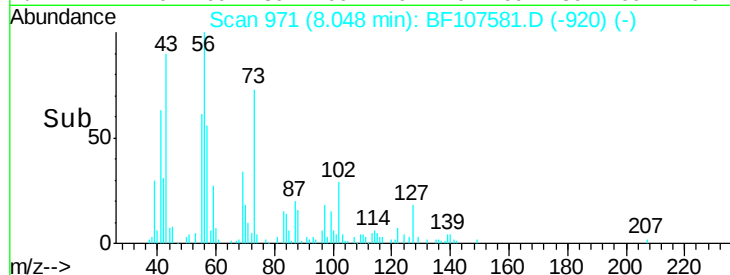
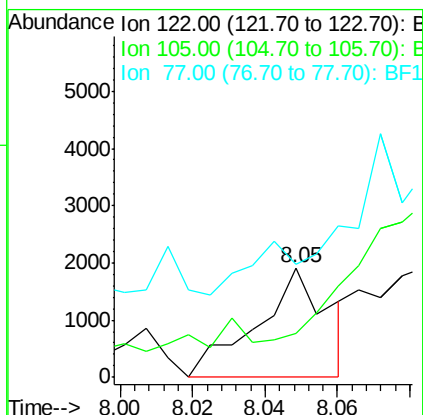
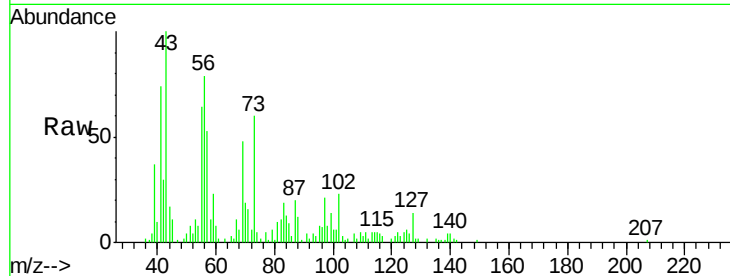




#32
Benzoic acid
Concen: 8.093 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

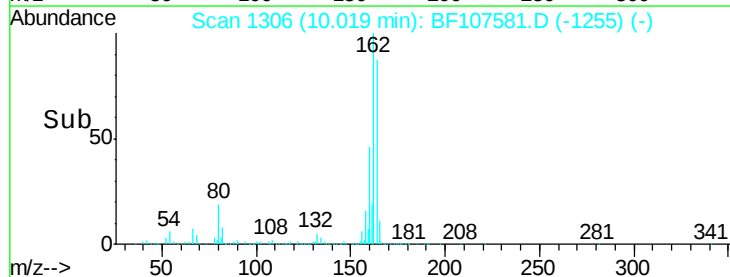
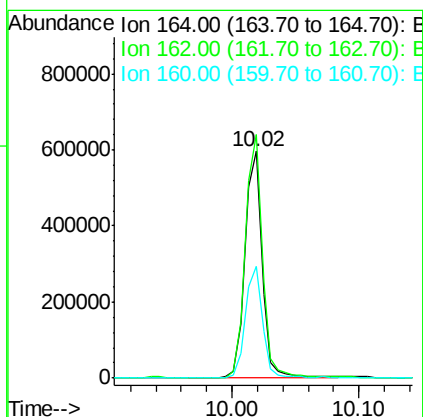
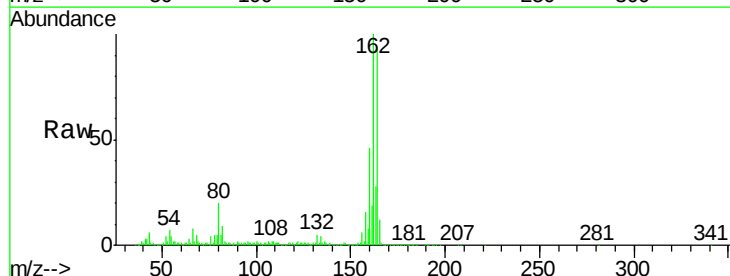
Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

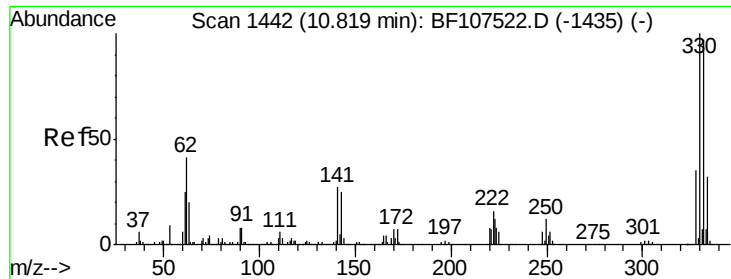
Tgt Ion:122 Resp: 2594
Ion Ratio Lower Upper
122 100
105 40.7 101.1 141.1#
77 103.6 70.7 110.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Tgt Ion:164 Resp: 555378
Ion Ratio Lower Upper
164 100
162 107.5 86.1 129.1
160 49.4 38.3 57.5

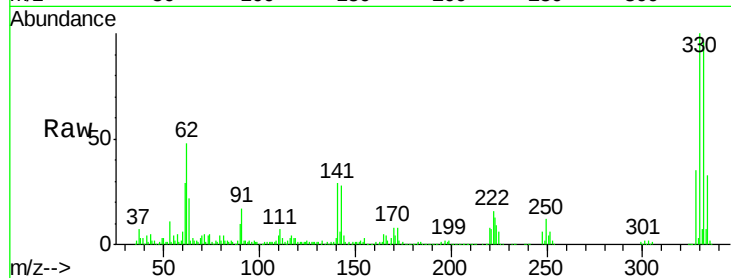




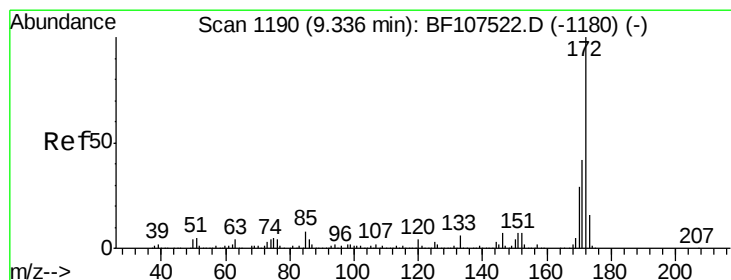
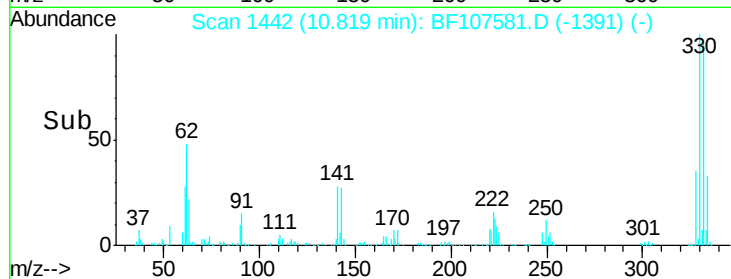
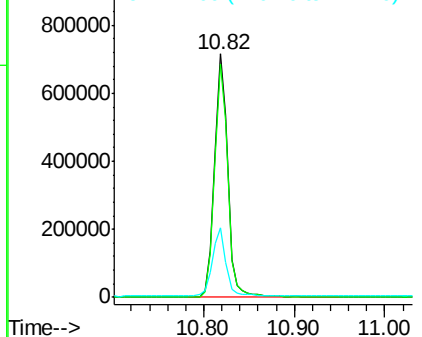
#41
 2,4,6-Tribromophenol
 Concen: 116.460 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.3	29.9	44.9#

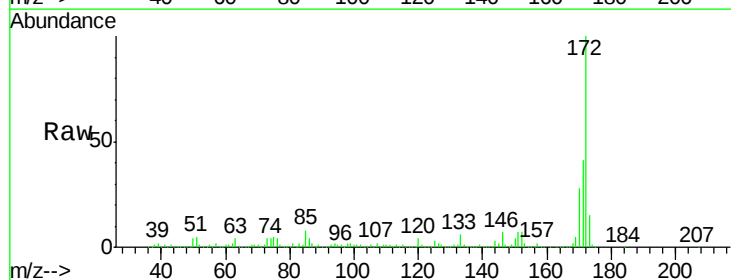


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

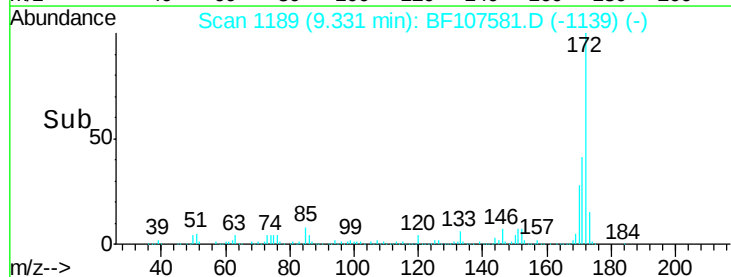
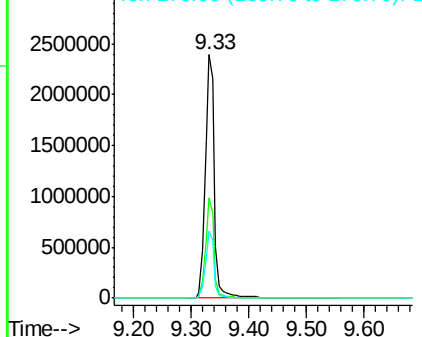


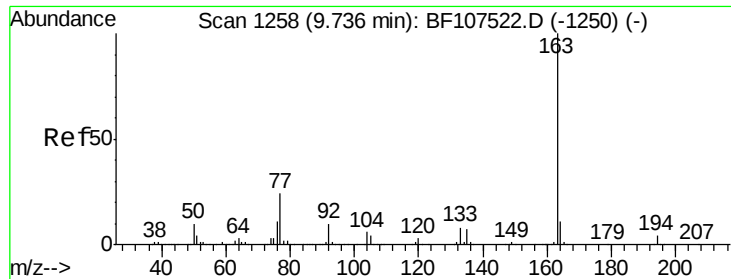
#44
 2-Fluorobiphenyl
 Concen: 82.737 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.0	29.7	44.5
170	27.5	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

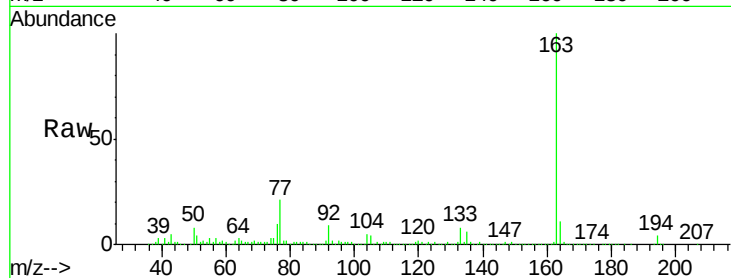




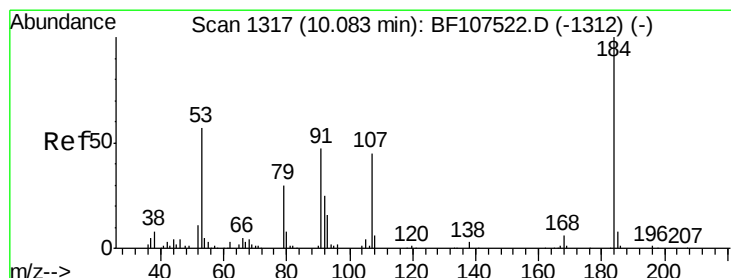
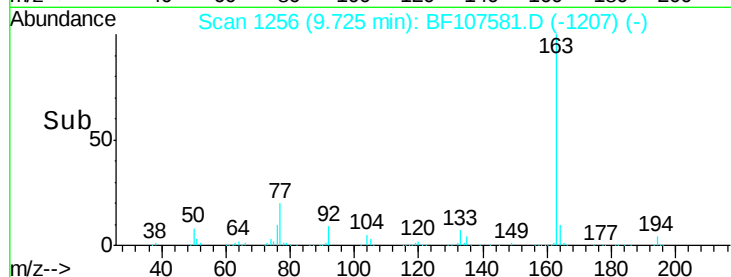
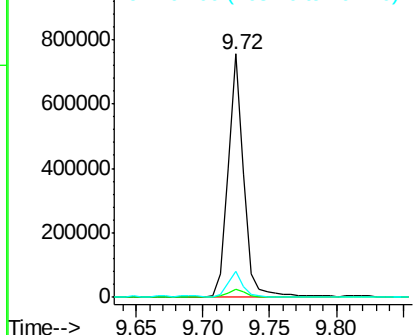
#49
Dimethylphthalate
Concen: 14.933 ng
RT: 9.72 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

Tgt Ion:163 Resp: 625034
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.6 8.2 12.2

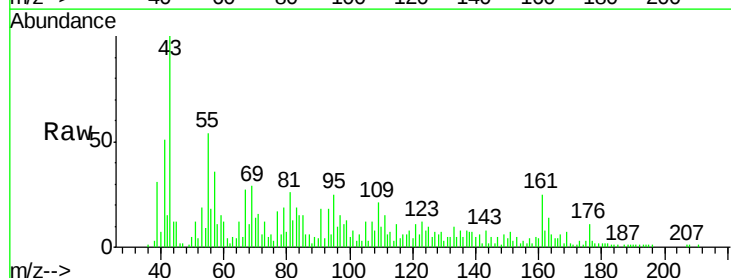


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

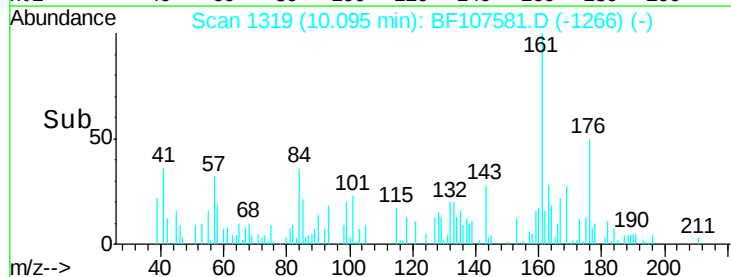
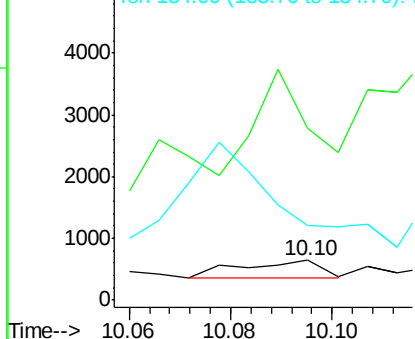


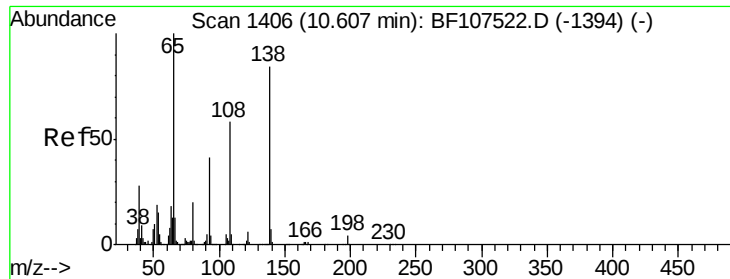
#53
2,4-Dinitrophenol
Concen: 8.394 ng
RT: 10.10 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF107581.D
Acq: 23 Jul 2018 12:10

Tgt Ion:184 Resp: 323
Ion Ratio Lower Upper
184 100
63 433.9 54.2 81.2#
154 189.7 184.0 276.0



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





#61

4-Nitroaniline

Concen: 27.485 ng

RT: 10.47 min Scan# 1382

Delta R.T. -0.14 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

Instrument :

BNA_F

ClientSampleId :

DRUM-3-4

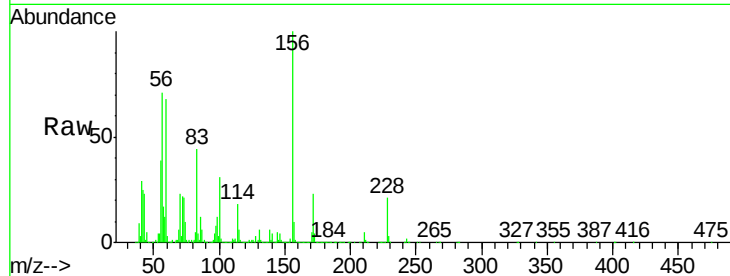
Tgt Ion:138 Resp: 233457

Ion Ratio Lower Upper

138 100

92 1.4 30.2 70.2#

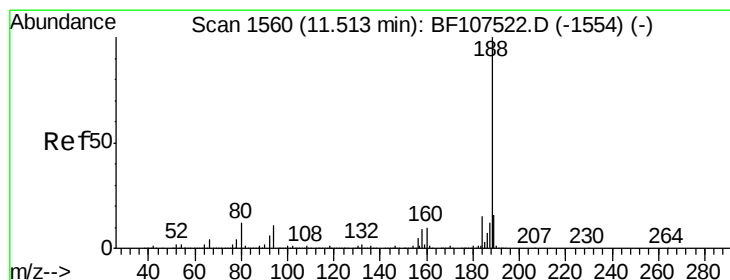
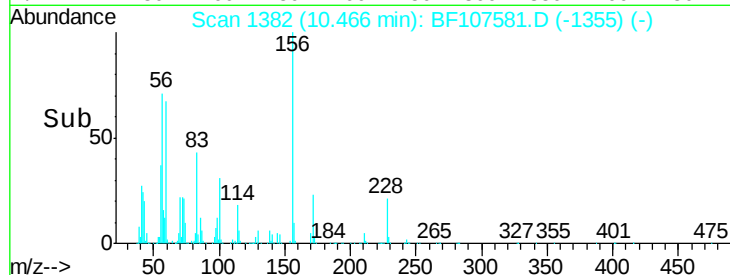
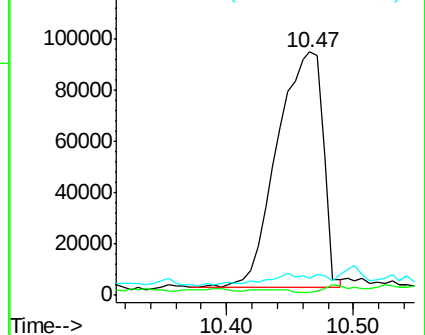
108 7.3 52.5 92.5#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF107581.D

Acq: 23 Jul 2018 12:10

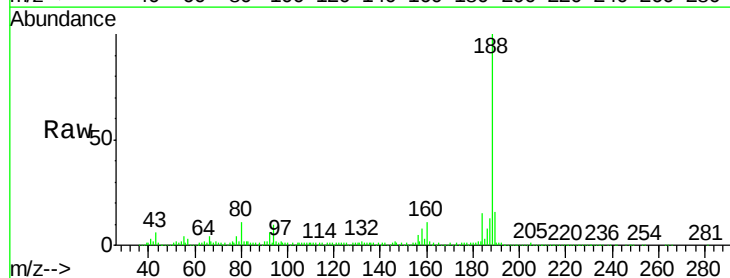
Tgt Ion:188 Resp: 1003817

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

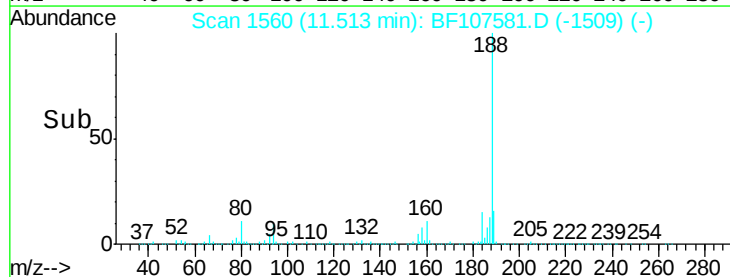
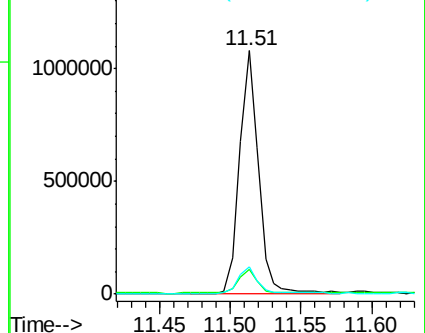
80 11.2 9.2 13.8

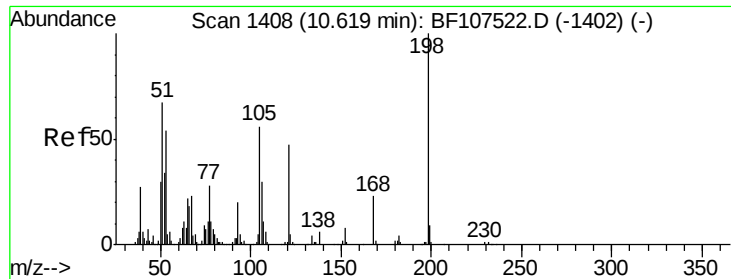


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

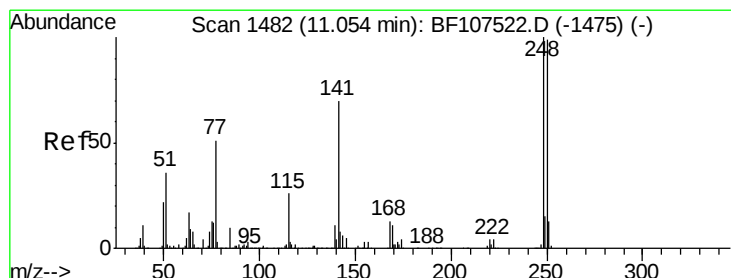
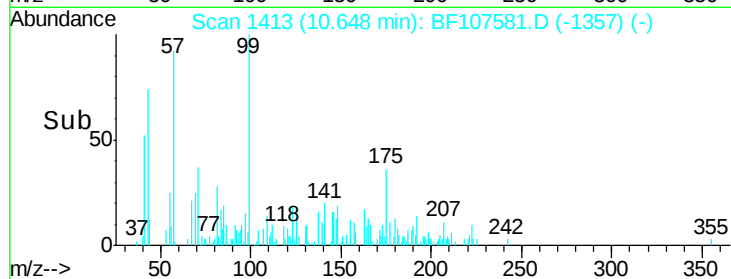
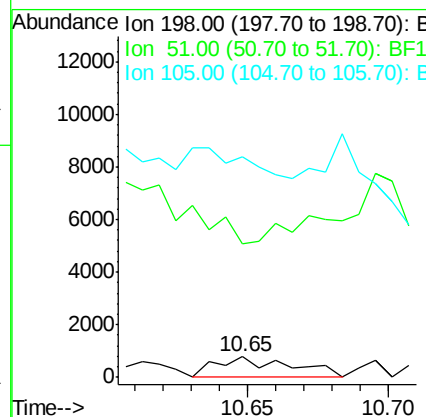
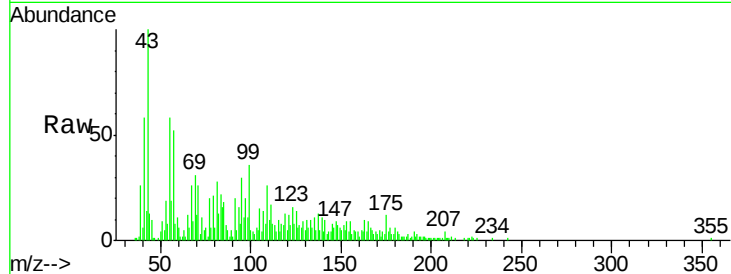




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.920 ng
 RT: 10.65 min Scan# 1413
 Delta R.T. 0.03 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

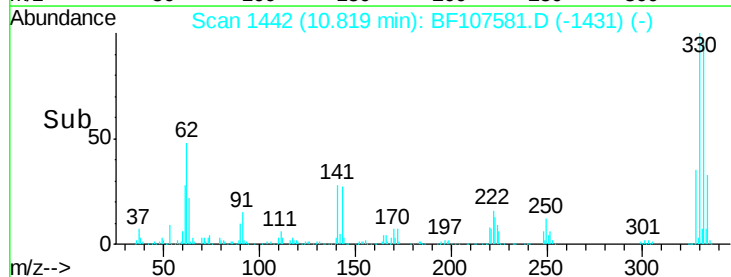
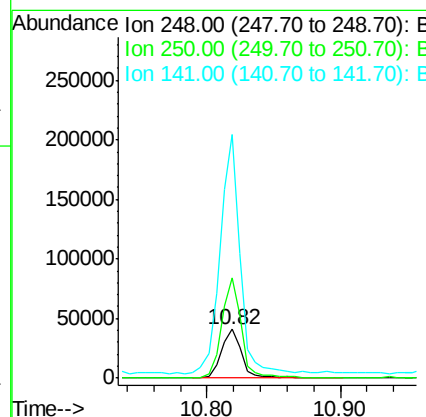
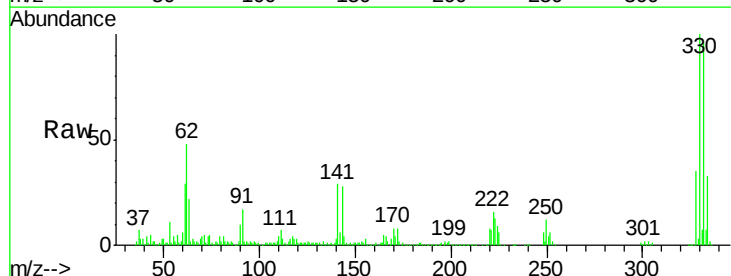
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

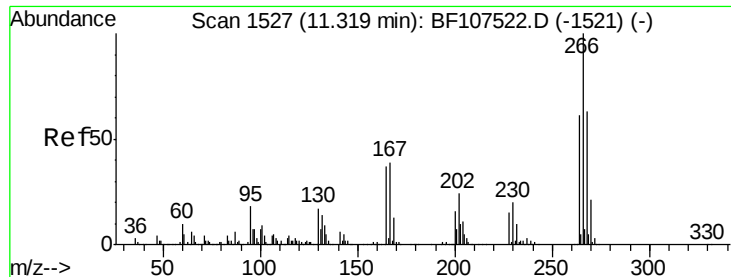
Tgt Ion:198 Resp: 1416
 Ion Ratio Lower Upper
 198 100
 51 660.8 37.7 77.7#
 105 1086.8 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.737 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion:248 Resp: 44163
 Ion Ratio Lower Upper
 248 100
 250 205.5 76.9 115.3#
 141 498.2 74.4 111.6#

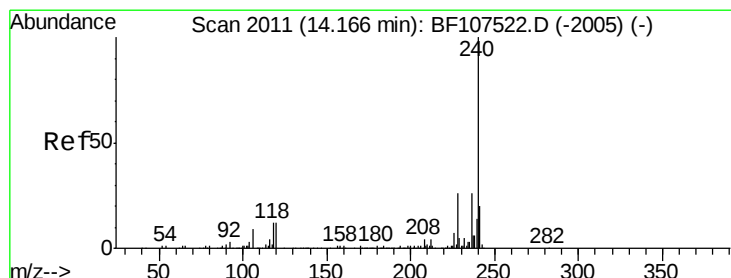
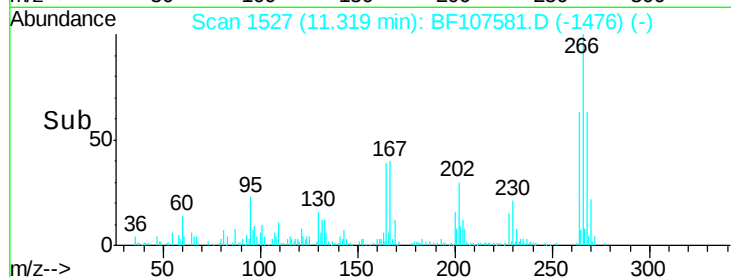
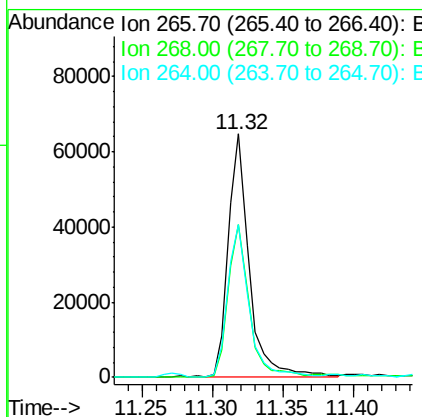
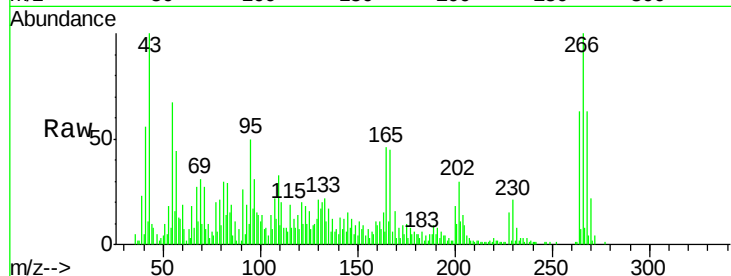




#69
 Pentachlorophenol
 Concen: 8.309 ng
 RT: 11.32 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

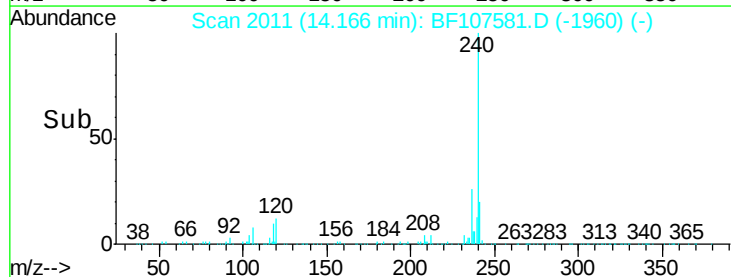
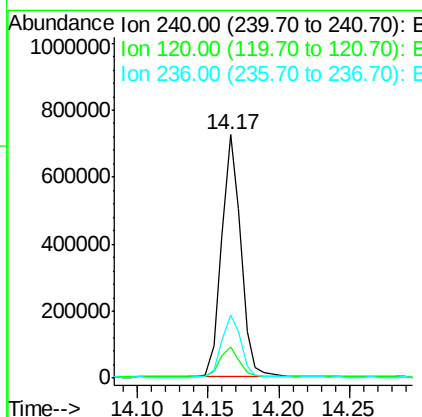
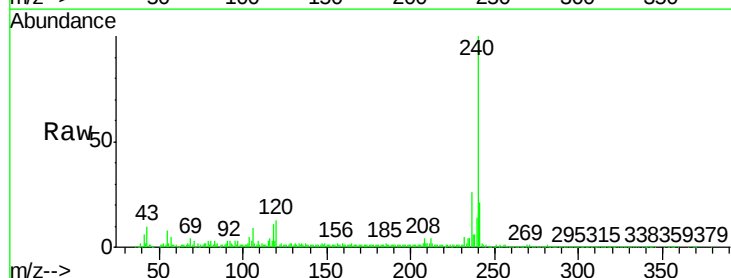
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

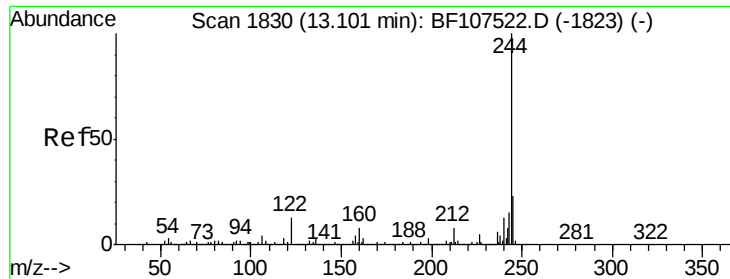
Tgt Ion: 266 Resp: 67478
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 62.7 49.5 74.3



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion: 240 Resp: 687167
 Ion Ratio Lower Upper
 240 100
 120 12.7 9.5 14.3
 236 26.2 20.7 31.1

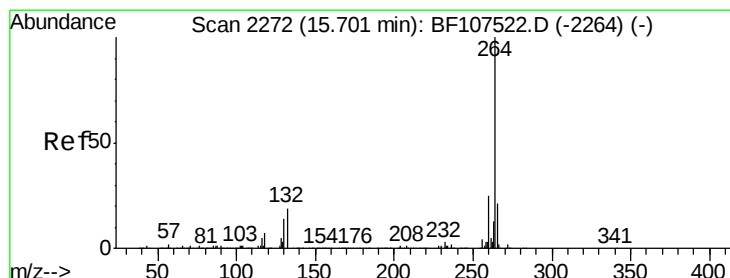
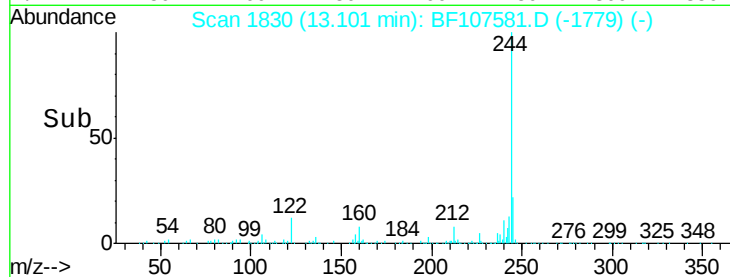
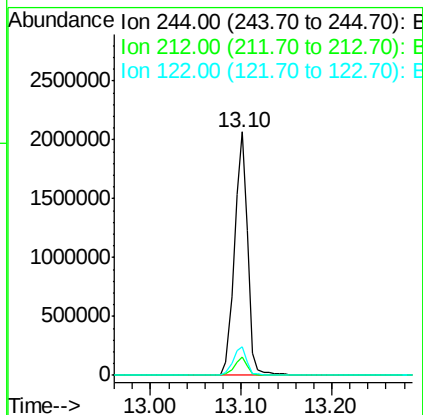
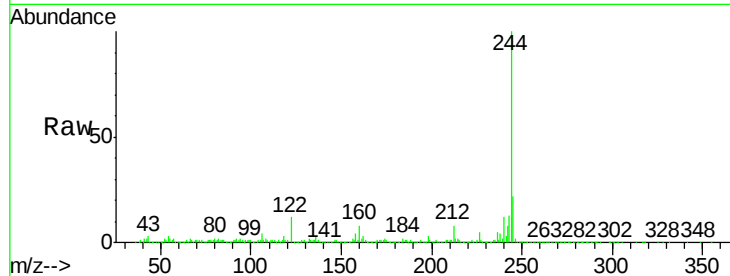




#78
 Terphenyl-d14
 Concen: 78.026 ng
 RT: 13.10 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Instrument :
 BNA_F
 ClientSampled :
 DRUM-3-4

Tgt Ion:244 Resp: 2094328
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF107581.D
 Acq: 23 Jul 2018 12:10

Tgt Ion:264 Resp: 784777
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.0 17.5 26.3

