

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107705.D
 Acq On : 26 Jul 2018 17:44
 Operator : JU/SJ
 Sample : J4095-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11

Quant Time: Jul 27 01:11:58 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

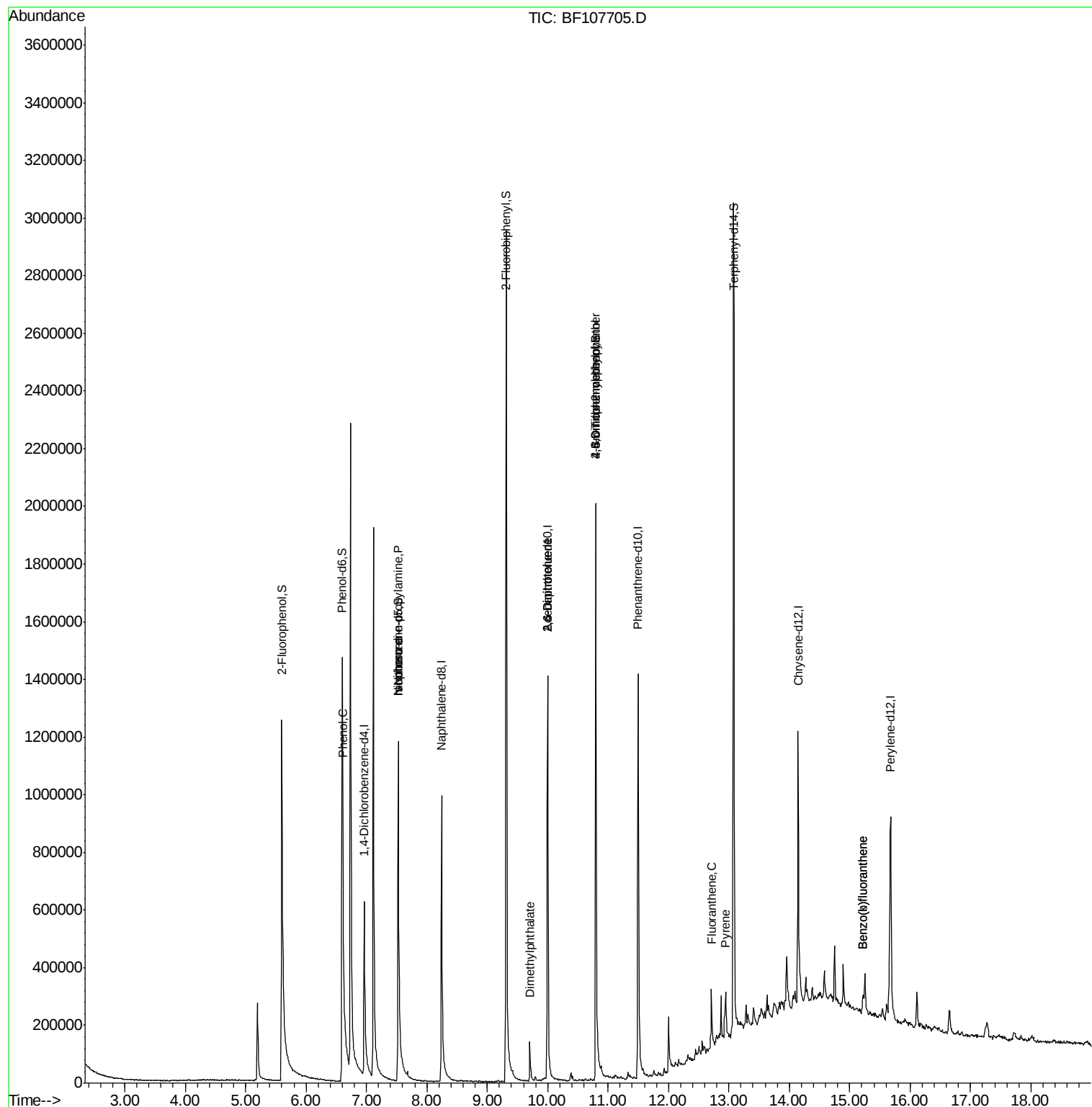
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	164959	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	699845	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	323352	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	669252	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	402910	20.00	ng	-0.02
86) Perylene-d12	15.68	264	442108	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	805133	78.47	ng	0.00
7) Phenol-d6	6.60	99	1047120	85.00	ng	-0.02
23) Nitrobenzene-d5	7.52	82	636250	61.36	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	346389	94.20	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1217379	59.05	ng	-0.02
78) Terphenyl-d14	13.08	244	1170695	74.39	ng	-0.02
Target Compounds						
10) Phenol	6.61	94	31285	2.159	ng	# 1
19) n-Nitroso-di-n-propylamine	7.52	70	81809	10.279	ng	# 80
25) Isophorone	7.52	82	636250	28.735	ng	# 64
49) Dimethylphthalate	9.71	163	80477	3.302	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	40660	8.404	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	41252	7.063	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.80	198	535	8.816	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	20357	2.584	ng	# 1
73) Di-n-butylphthalate	12.04	149	5995	Below Cal		# 85
74) Fluoranthene	12.71	202	99312	2.838	ng	# 95
77) Pyrene	12.95	202	86177	3.127	ng	# 99
81) 3,3'-Dichlorobenzidine	14.08	252	388	Below Cal		# 1
87) Benzo(b)fluoranthene	15.22	252	64853	2.680	ng	# 92
88) Benzo(k)fluoranthene	15.22	252	64853	2.736	ng	# 95

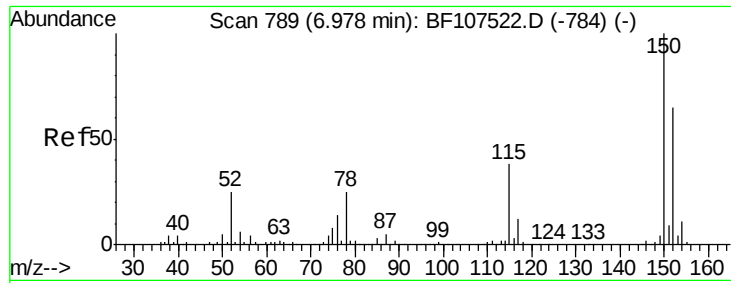
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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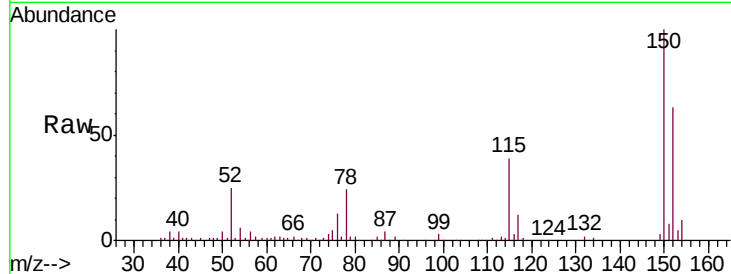


#1

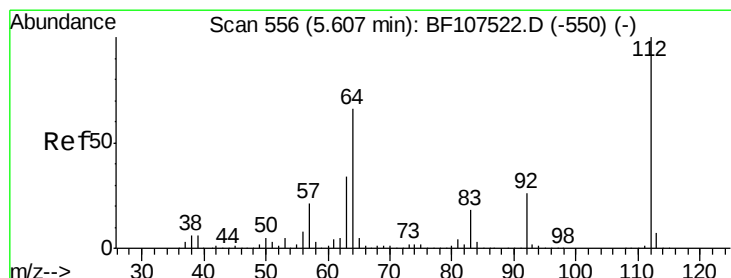
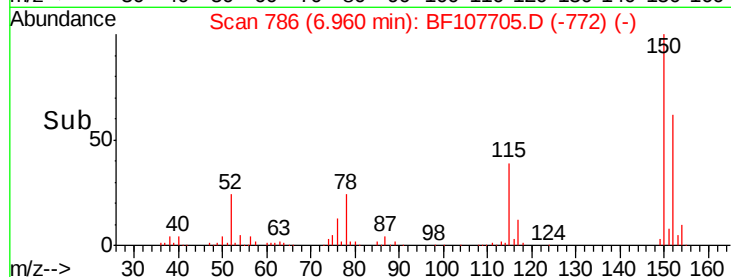
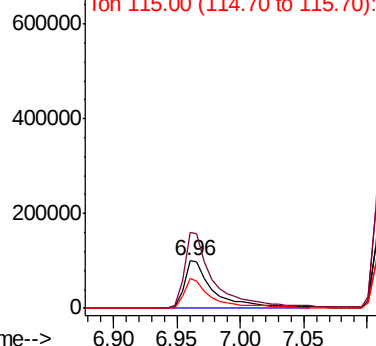
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Instrument :
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ClientSampleId :
CON-SB-04-05-06-07-0-11

Tgt Ion:152 Resp: 164959
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 61.9 50.1 75.1



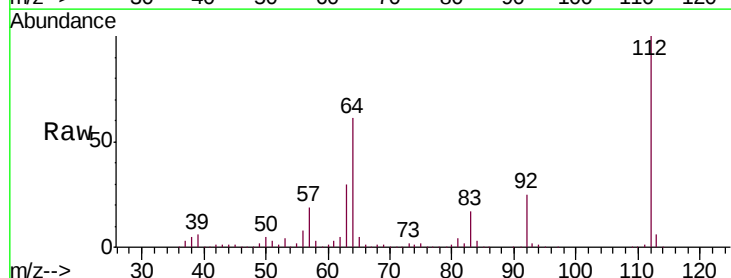
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



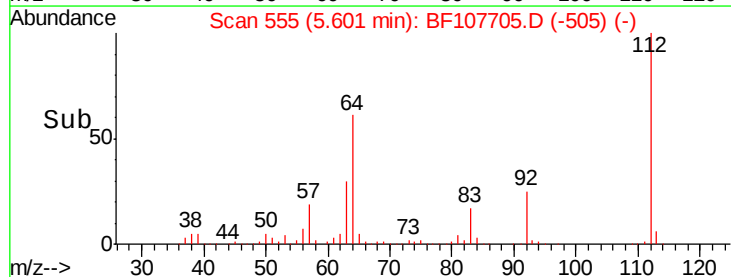
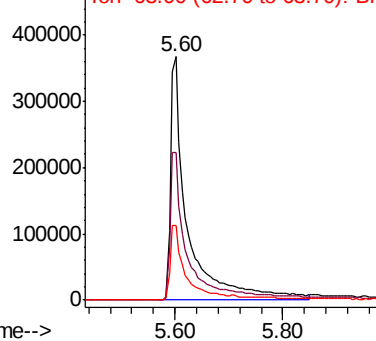
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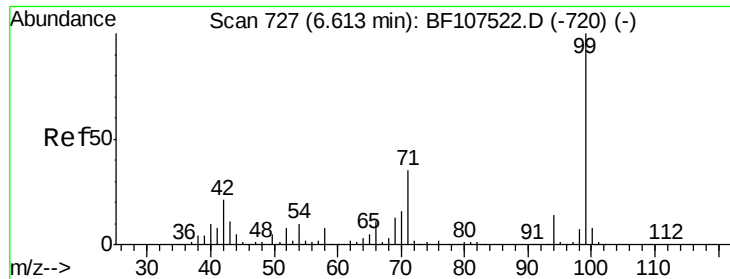
2-Fluorophenol
Concen: 78.474 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Tgt Ion:112 Resp: 805133
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 30.4 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: 84.998 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11

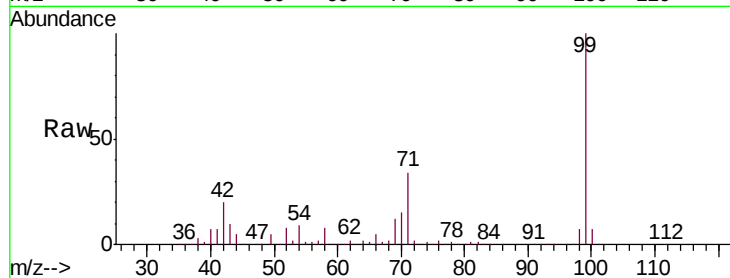
Tgt Ion: 99 Resp: 1047120

Ion Ratio Lower Upper

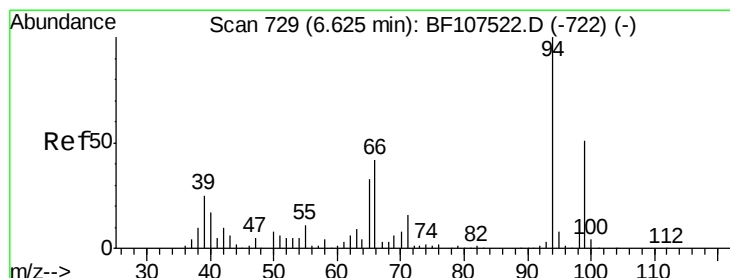
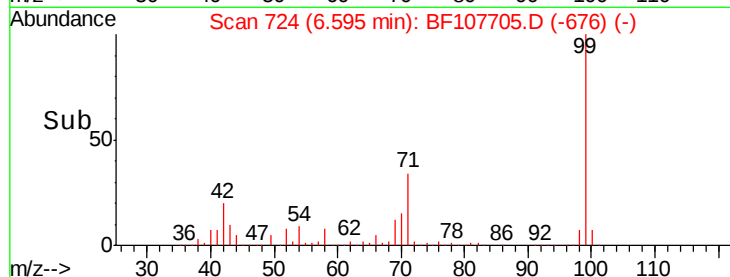
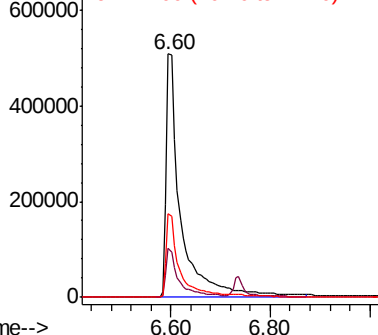
99 100

42 20.3 14.5 21.7

71 34.2 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



#10

Phenol

Concen: 2.159 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

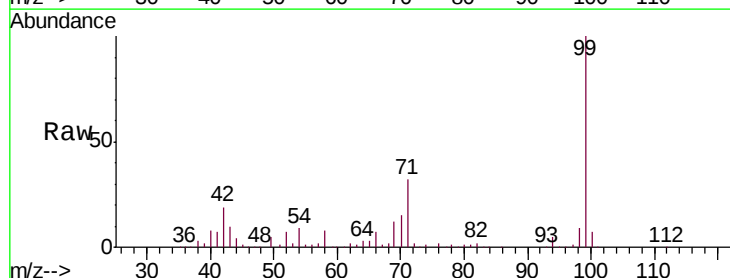
Tgt Ion: 94 Resp: 31285

Ion Ratio Lower Upper

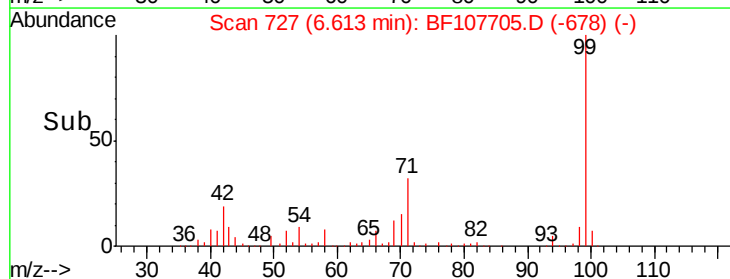
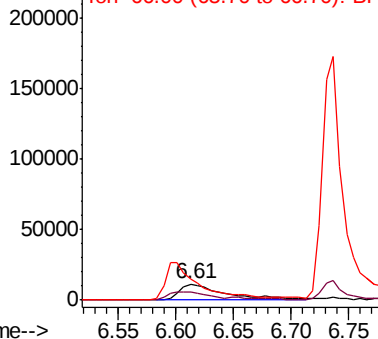
94 100

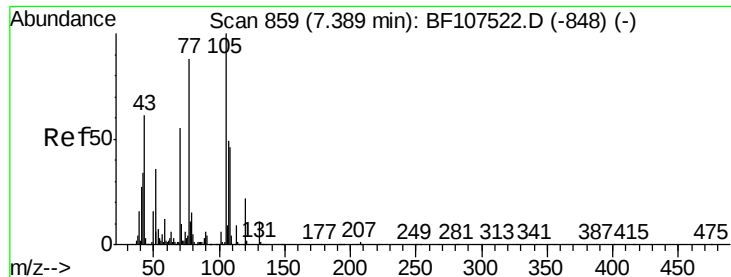
65 51.2 7.9 47.9#

66 135.3 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

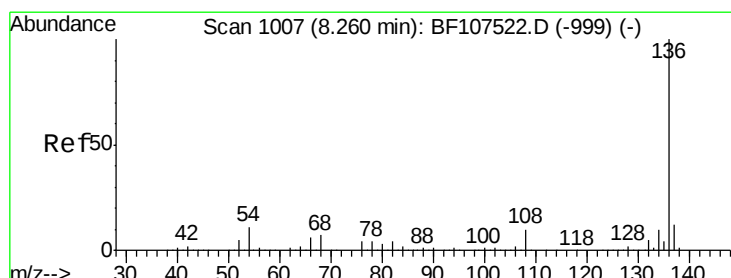
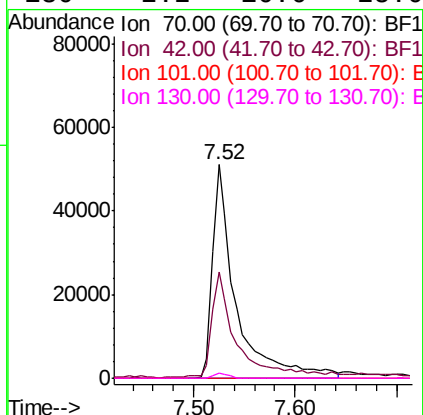
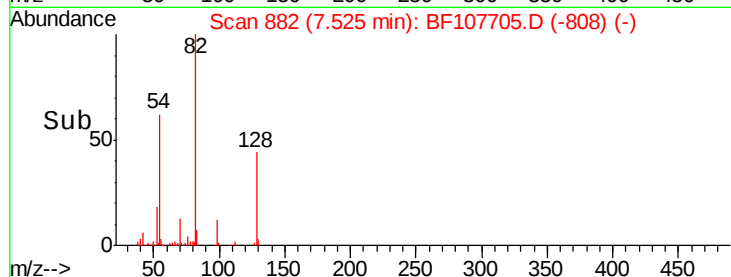
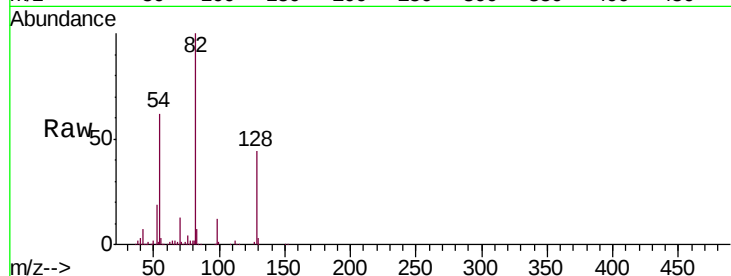




#19
n-Nitroso-di-n-propylamine
Concen: 10.279 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

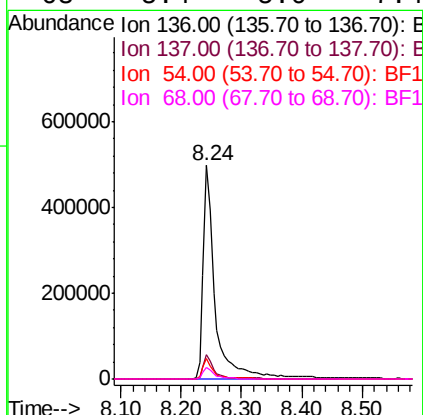
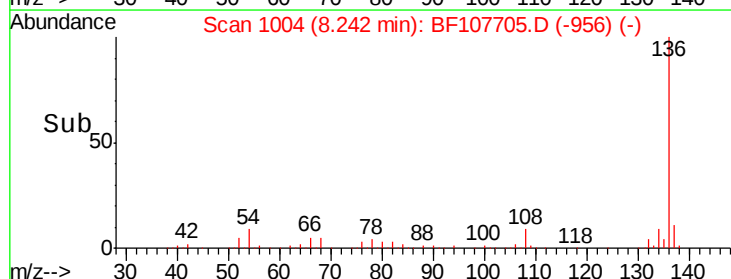
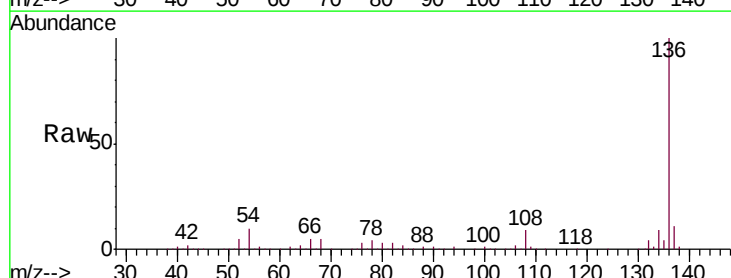
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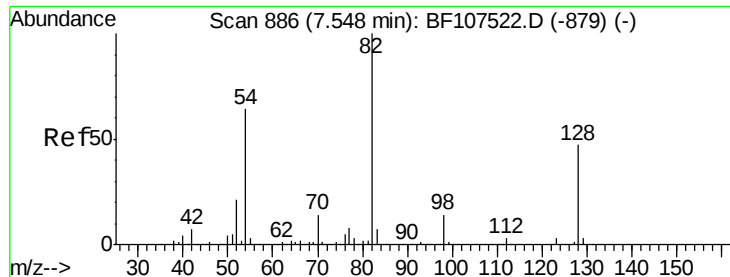
Tgt Ion: 70 Resp: 81809
Ion Ratio Lower Upper
70 100
42 49.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Tgt Ion: 136 Resp: 699845
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.5 6.6 9.8
68 5.4 5.0 7.4

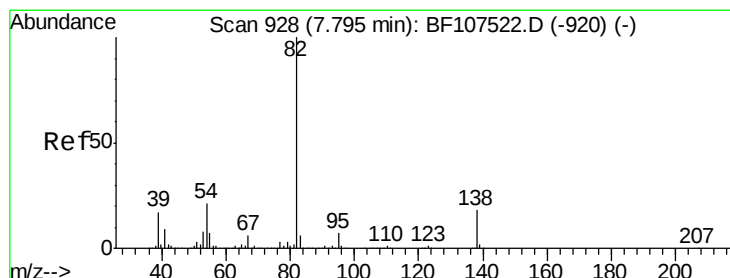
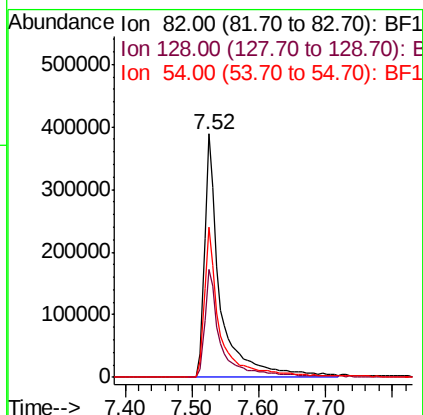
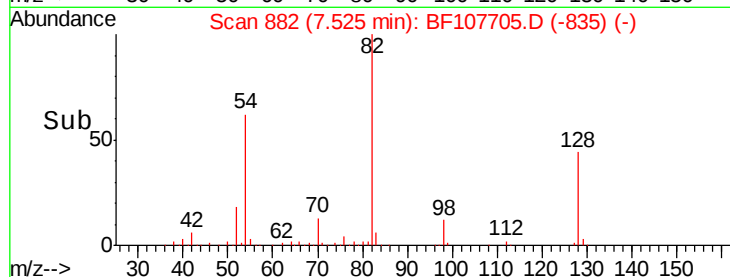
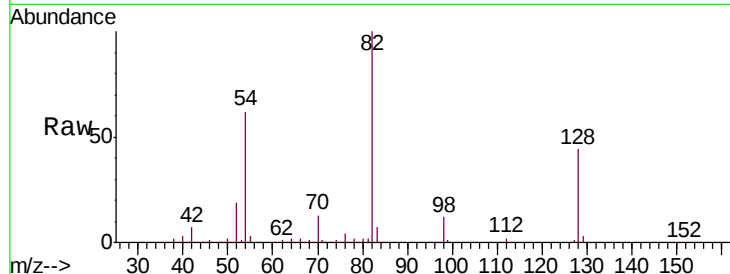




#23
Nitrobenzene-d5
Concen: 61.355 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

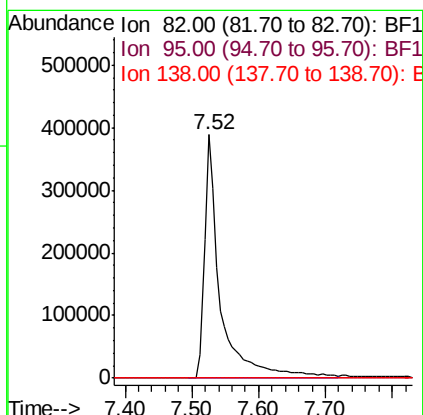
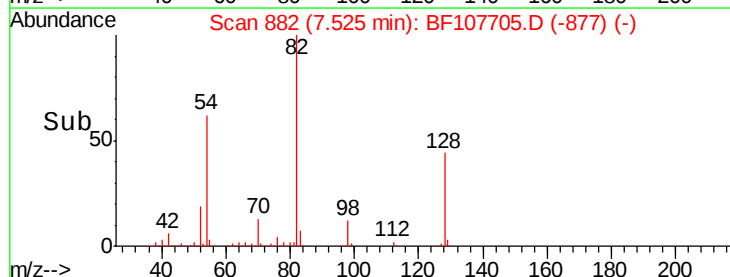
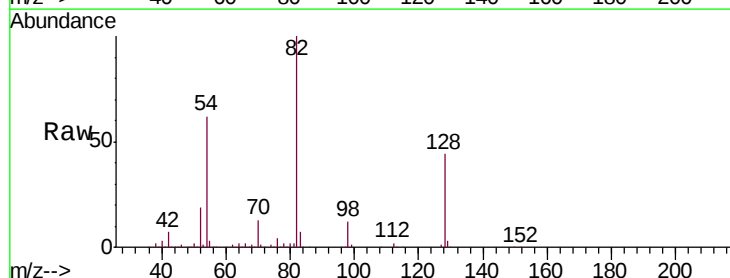
Instrument :
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ClientSampleId :
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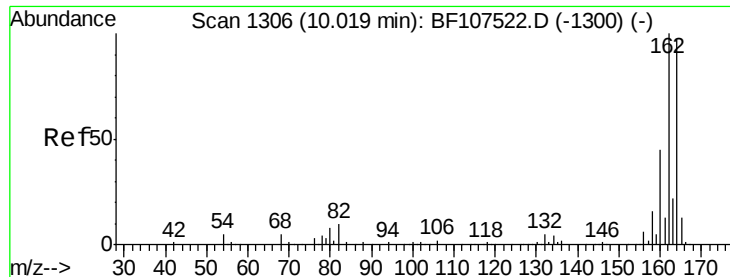
Tgt Ion: 82 Resp: 636250
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 61.8 41.4 62.2



#25
Isophorone
Concen: 28.735 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Tgt Ion: 82 Resp: 636250
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11

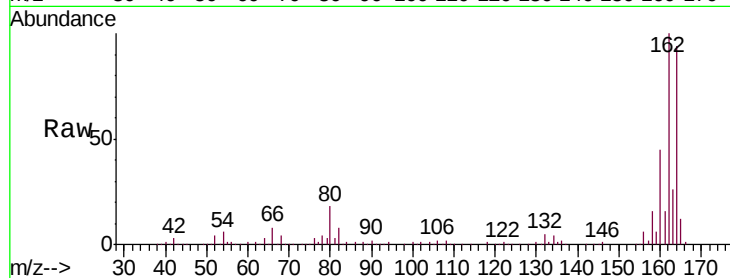
Tgt Ion:164 Resp: 323352

Ion Ratio Lower Upper

164 100

162 105.9 86.1 129.1

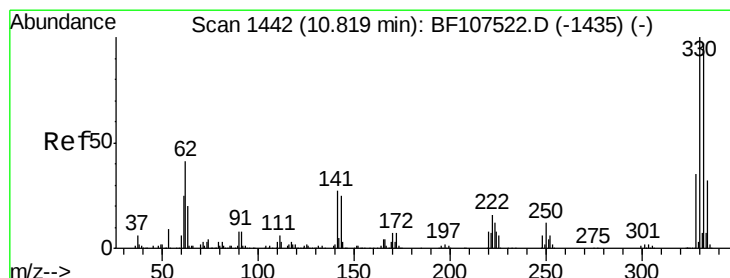
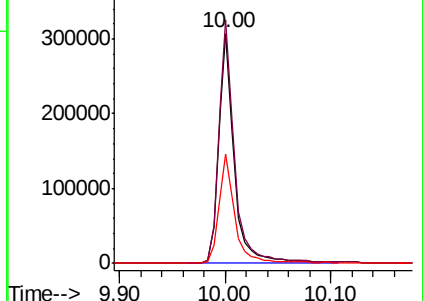
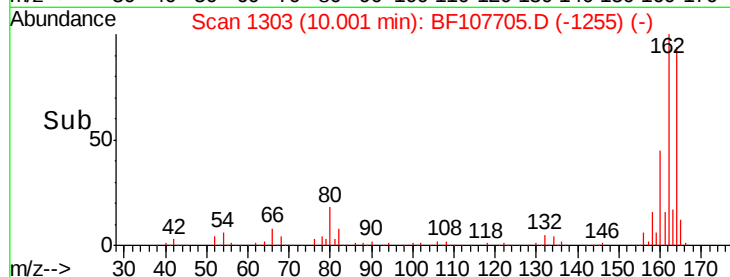
160 47.3 38.3 57.5



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: 94.204 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

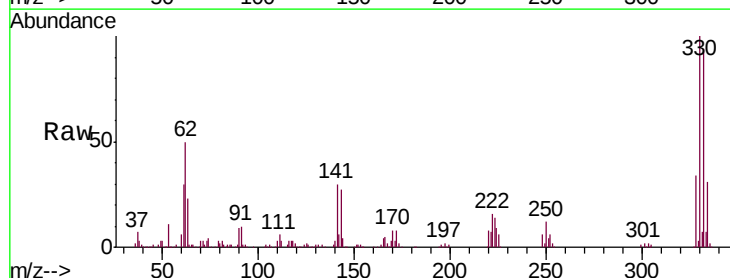
Tgt Ion:330 Resp: 346389

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

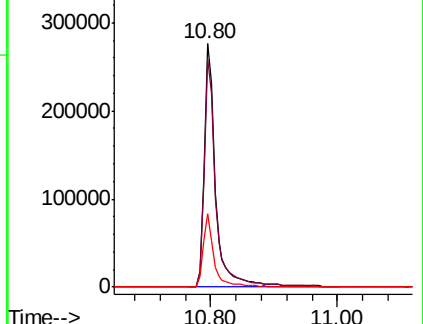
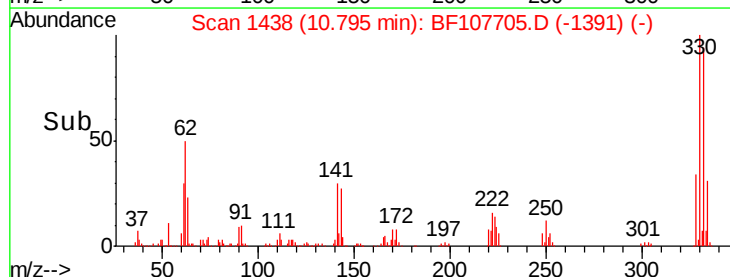
141 29.3 29.9 44.9#

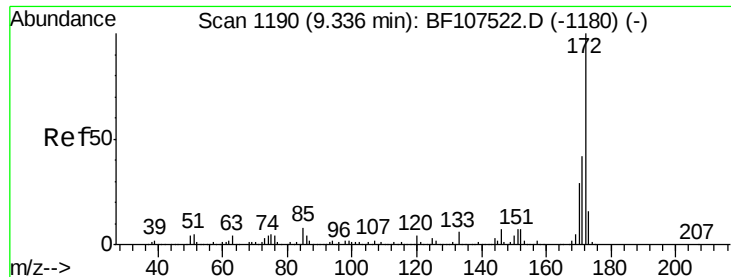


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

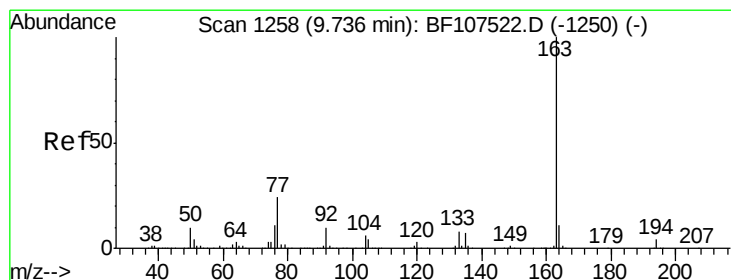
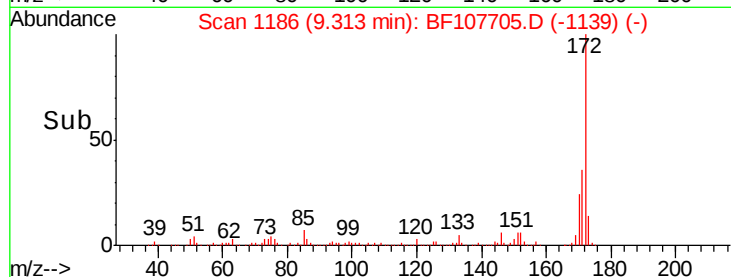
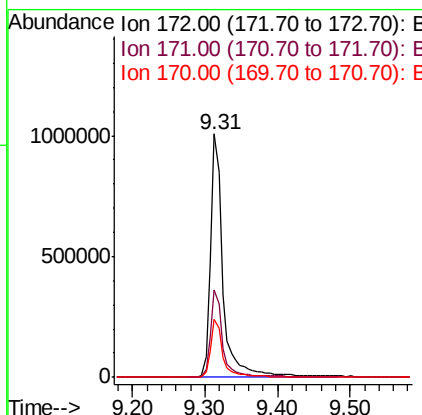
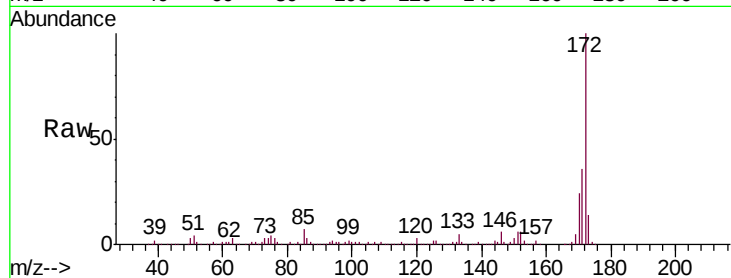




#44
2-Fluorobiphenyl
Concen: 59.055 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

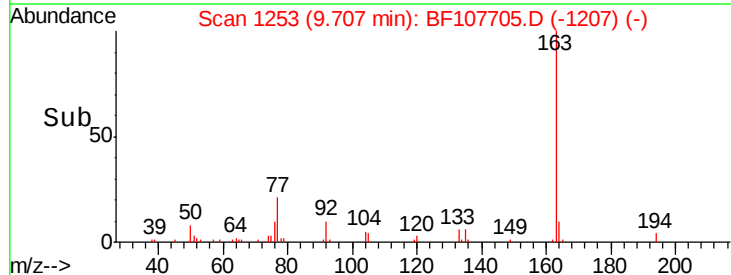
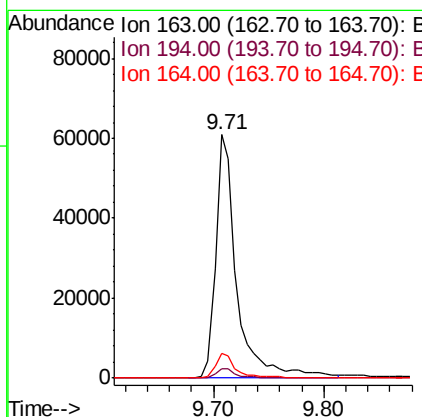
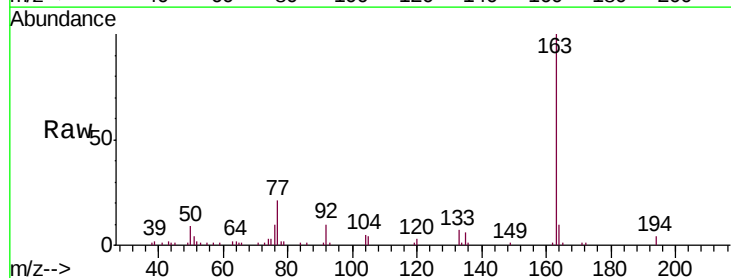
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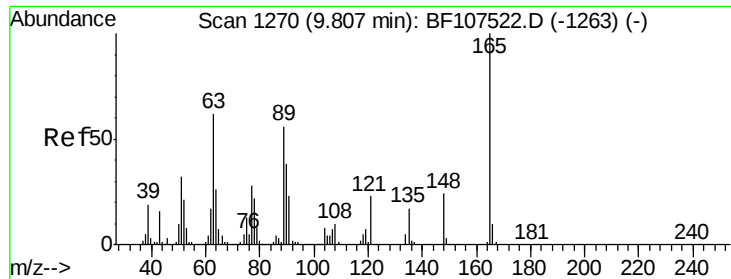
Tgt Ion:172 Resp: 1217379
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 3.302 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Tgt Ion:163 Resp: 80477
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.4 8.2 12.2

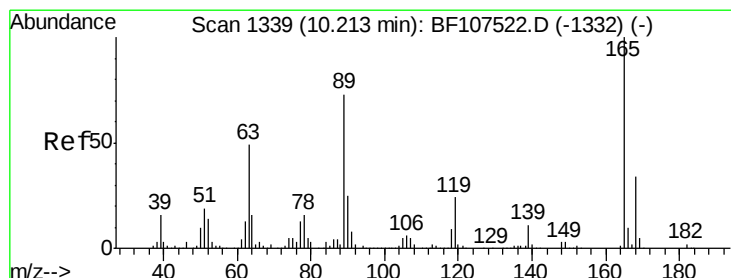
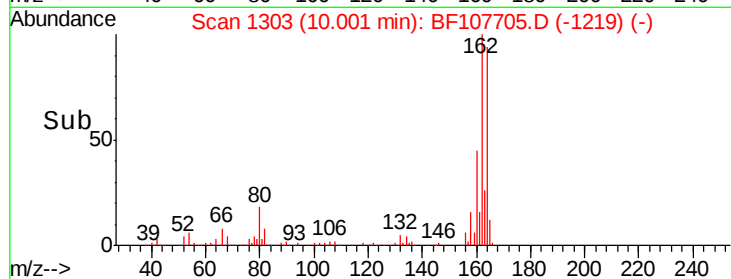
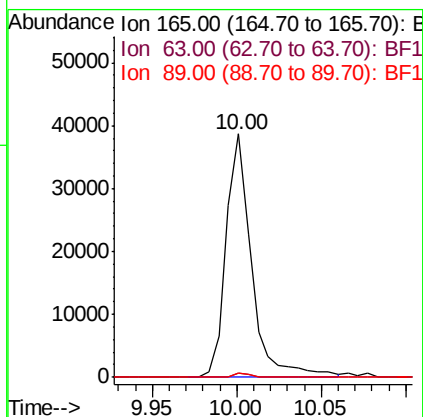
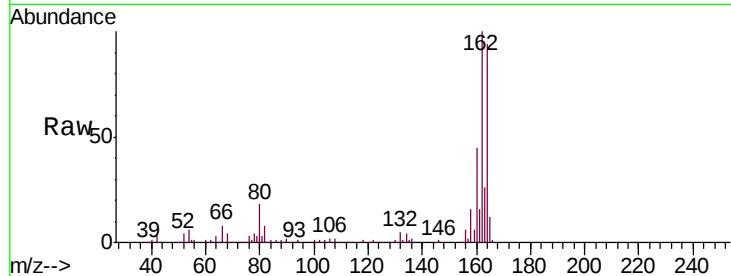




#50
 2,6-Dinitrotoluene
 Concen: 8.404 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF107705.D
 Acq: 26 Jul 2018 17:44

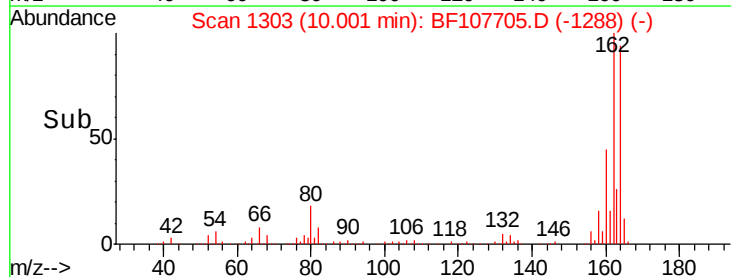
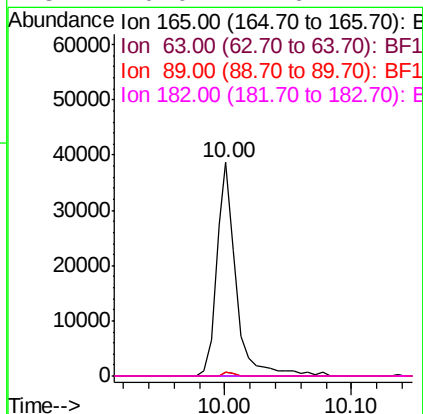
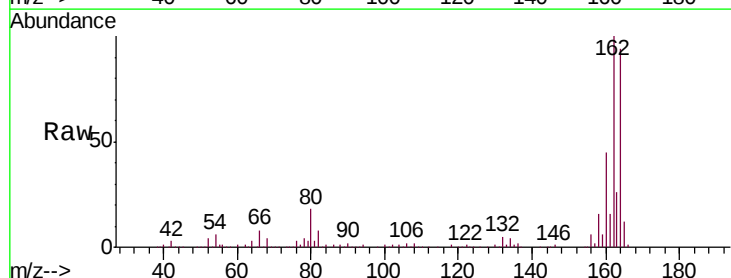
Instrument :
 BNA_F
 ClientSampleId :
 CON-SB-04-05-06-07-0-11

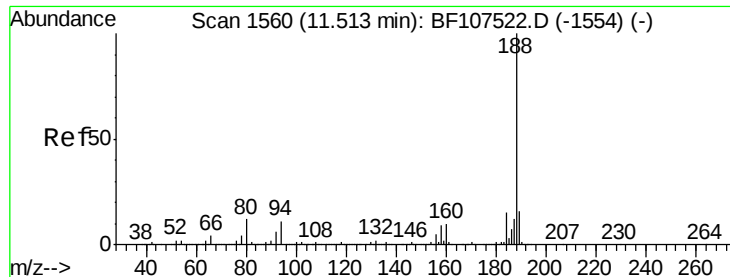
Tgt Ion:165 Resp: 40660
 Ion Ratio Lower Upper
 165 100
 63 1.9 44.7 67.1#
 89 1.6 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.063 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF107705.D
 Acq: 26 Jul 2018 17:44

Tgt Ion:165 Resp: 41252
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.4 54.6#
 89 1.6 57.8 86.6#
 182 0.0 1.6 2.4#

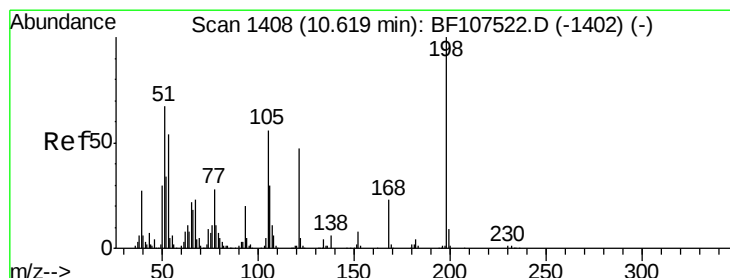
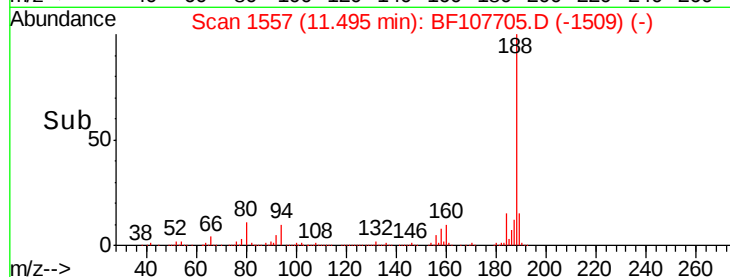
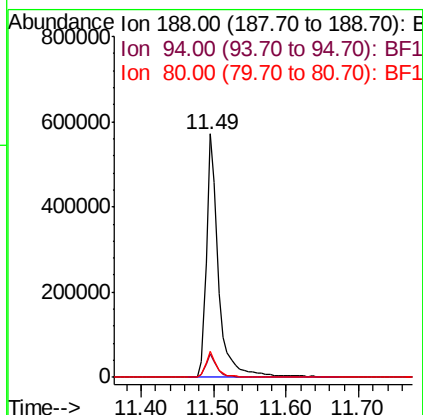
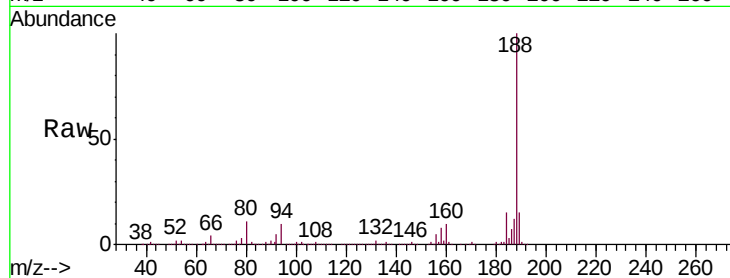




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

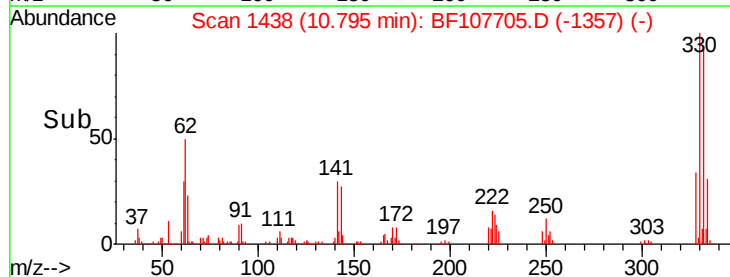
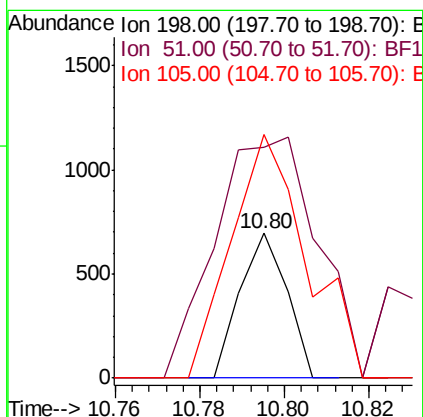
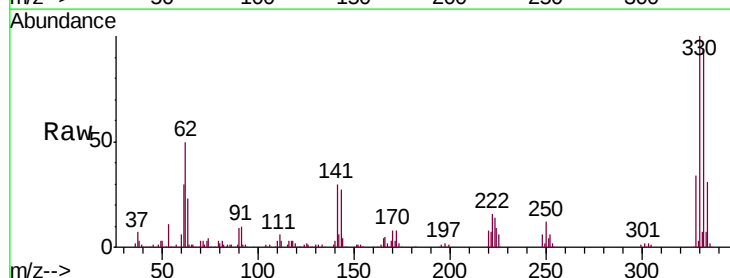
Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11

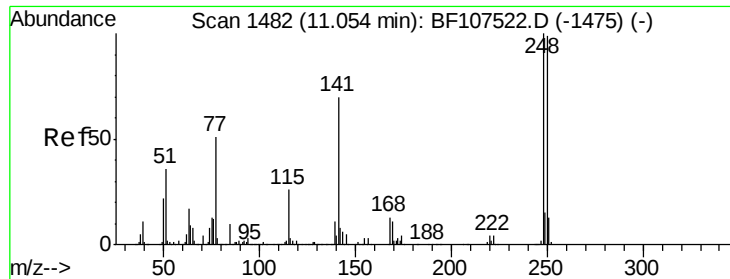
Tgt Ion:188 Resp: 669252
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.816 ng
RT: 10.80 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Tgt Ion:198 Resp: 535
Ion Ratio Lower Upper
198 100
51 159.1 37.7 77.7#
105 168.2 36.3 76.3#

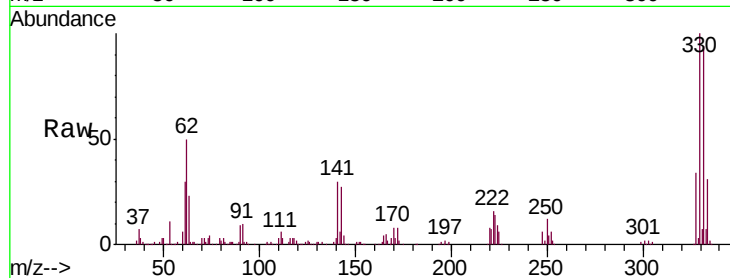




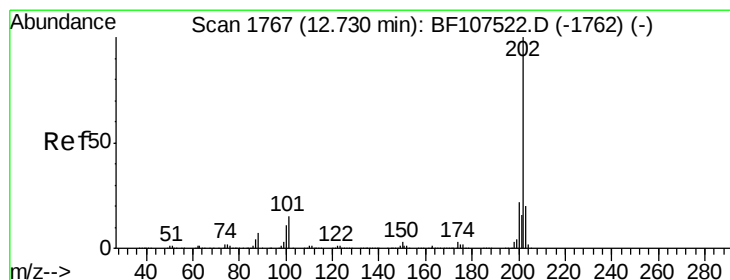
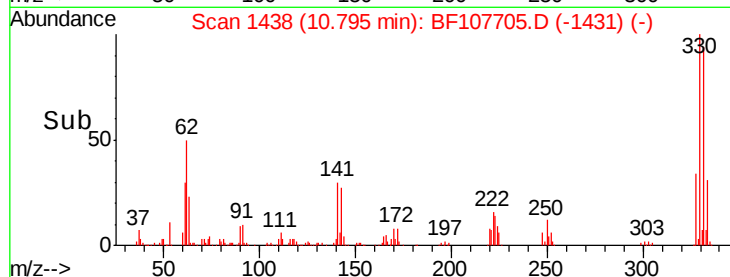
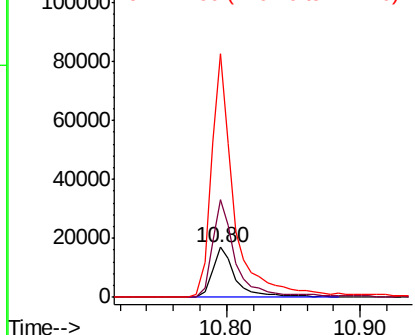
#66
4-Bromophenyl-phenylether
Concen: 2.584 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Instrument :
BNA_F
ClientSampleId :
CON-SB-04-05-06-07-0-11

Tgt Ion:248 Resp: 20357
Ion Ratio Lower Upper
248 100
250 195.4 76.9 115.3#
141 489.8 74.4 111.6#

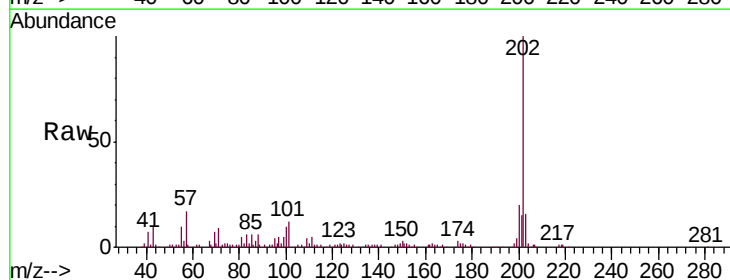


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

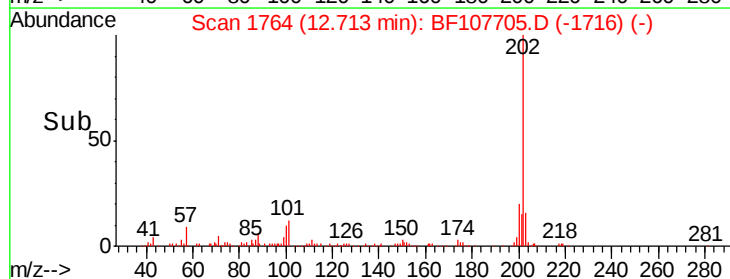
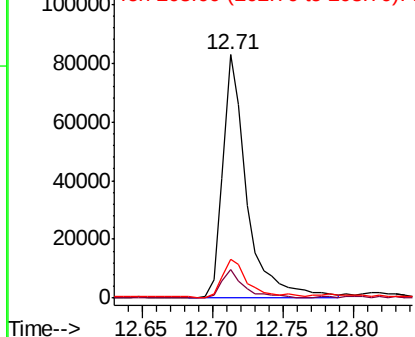


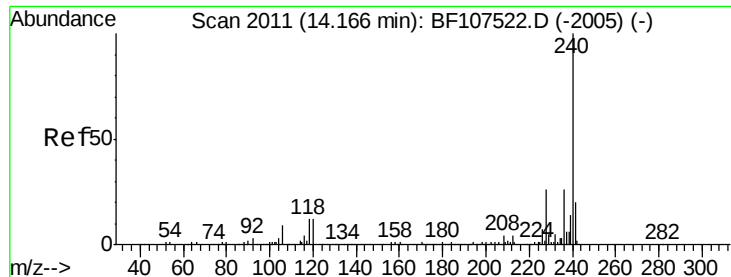
#74
Fluoranthene
Concen: 2.838 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF107705.D
Acq: 26 Jul 2018 17:44

Tgt Ion:202 Resp: 99312
Ion Ratio Lower Upper
202 100
101 11.7 0.0 34.1
203 15.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11

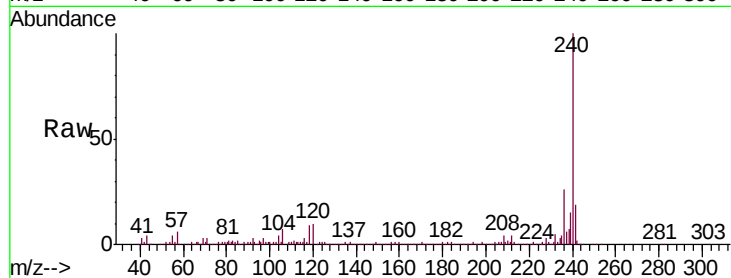
Tgt Ion:240 Resp: 402910

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

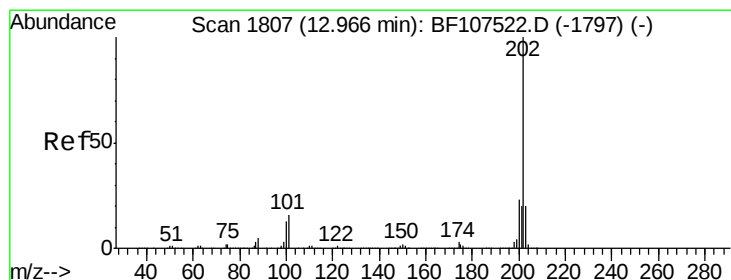
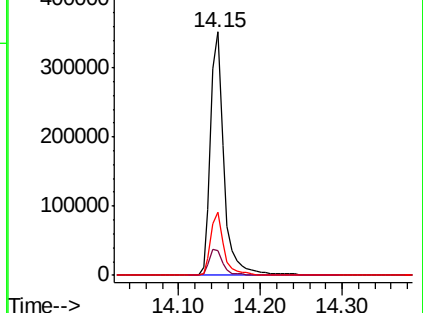
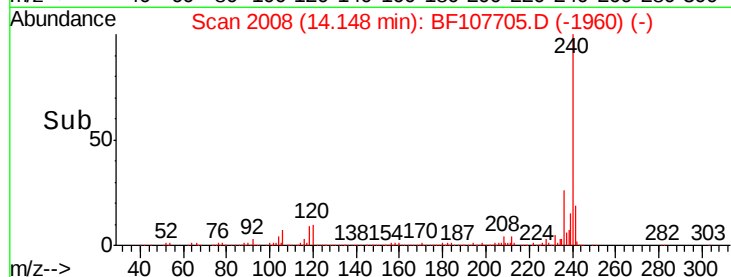
236 26.0 20.7 31.1



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



#77

Pyrene

Concen: 3.127 ng

RT: 12.95 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

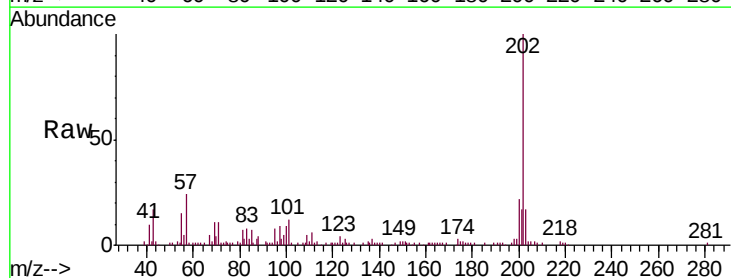
Tgt Ion:202 Resp: 86177

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

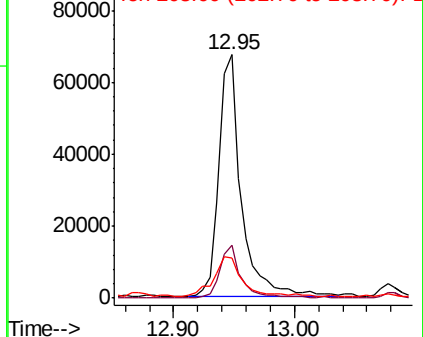
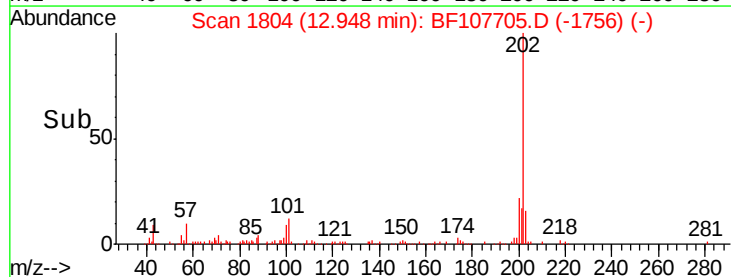
203 16.6 14.3 21.5

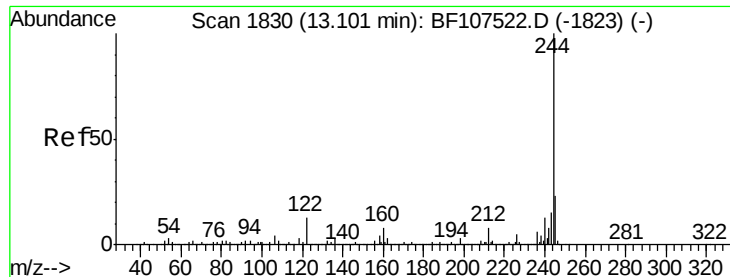


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.386 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11

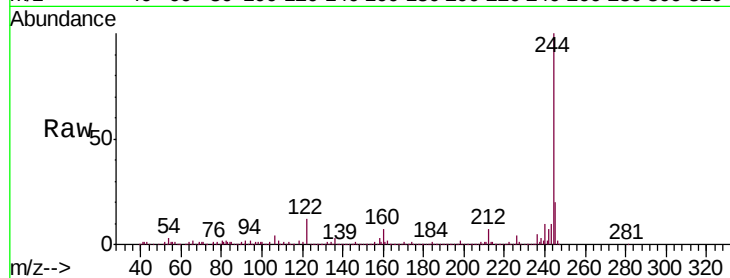
Tgt Ion:244 Resp: 1170695

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

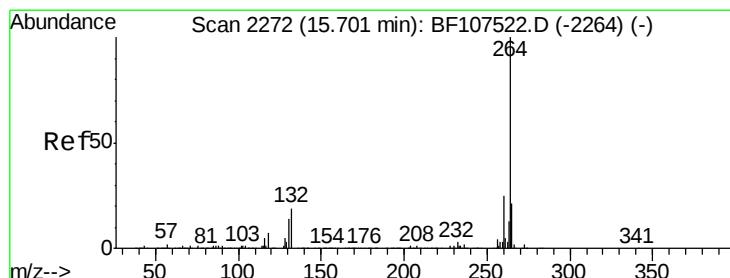
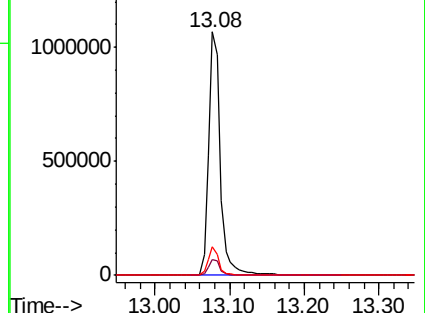
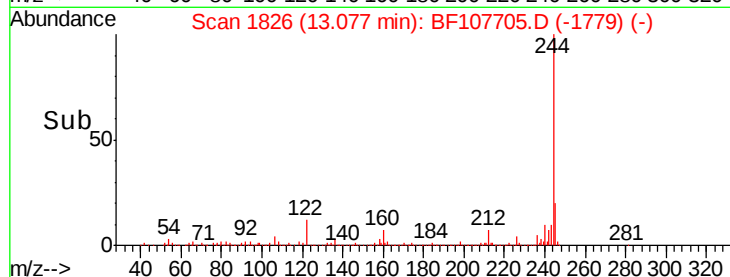
122 11.8 11.0 16.4



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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

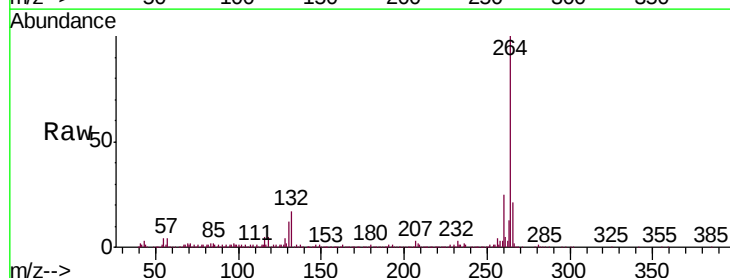
Tgt Ion:264 Resp: 442108

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

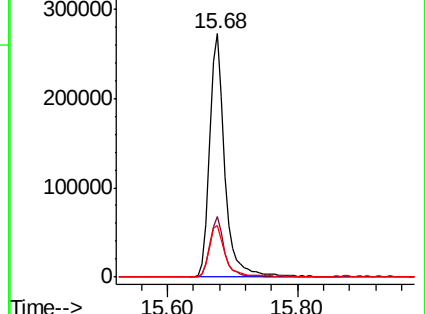
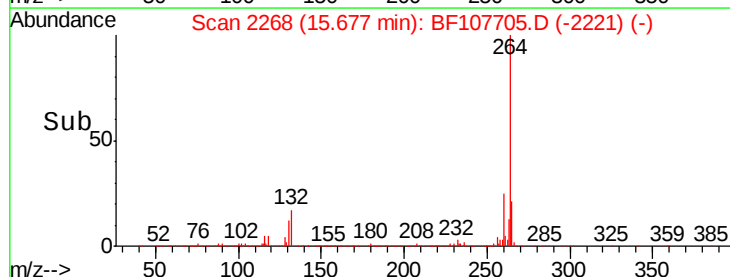
265 21.4 17.5 26.3

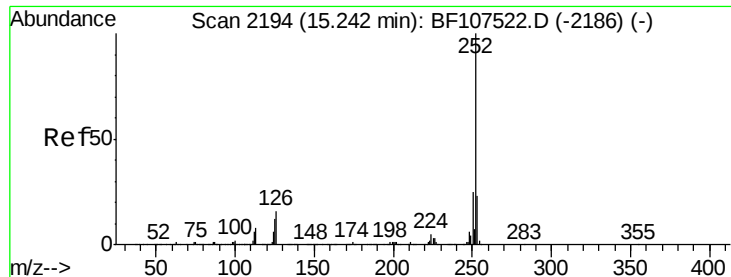


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.680 ng

RT: 15.22 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

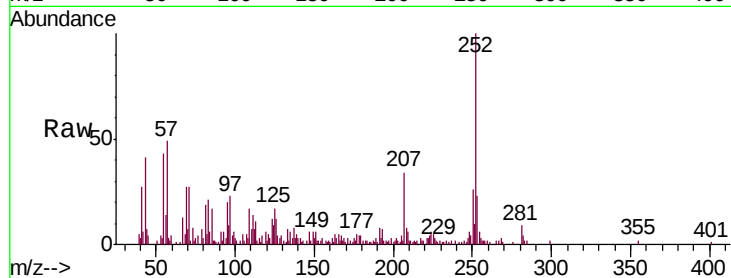
Instrument :

BNA_F

ClientSampleId :

CON-SB-04-05-06-07-0-11

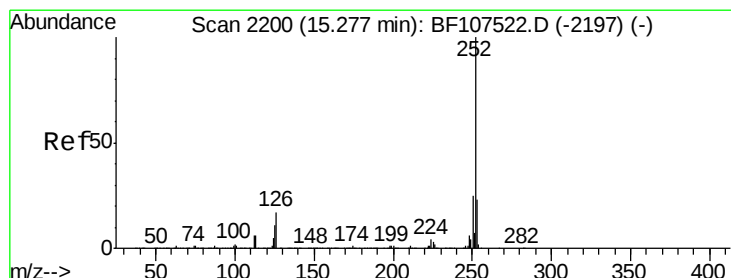
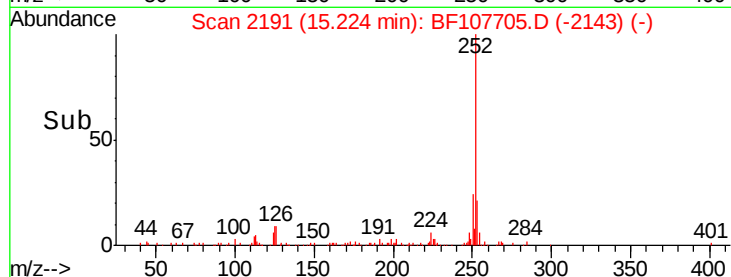
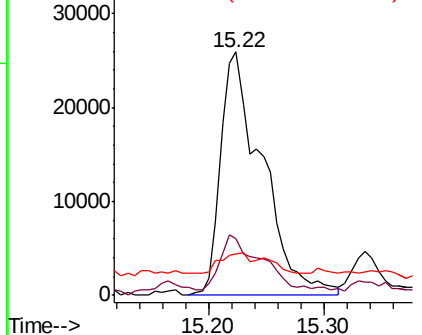
Tgt Ion:	252	Resp:	64853
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.0	25.6
125	17.0	9.0	13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.736 ng

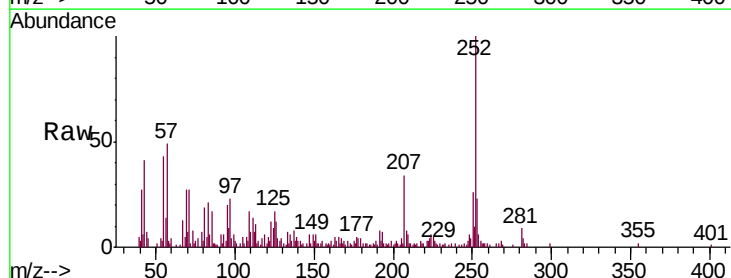
RT: 15.22 min Scan# 2191

Delta R.T. -0.05 min

Lab File: BF107705.D

Acq: 26 Jul 2018 17:44

Tgt Ion:	252	Resp:	64853
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.9	26.9
125	17.0	10.2	15.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

