

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107755.D
 Acq On : 27 Jul 2018 19:28
 Operator : JU/SJ
 Sample : J4193-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-035

Quant Time: Jul 28 01:16:42 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

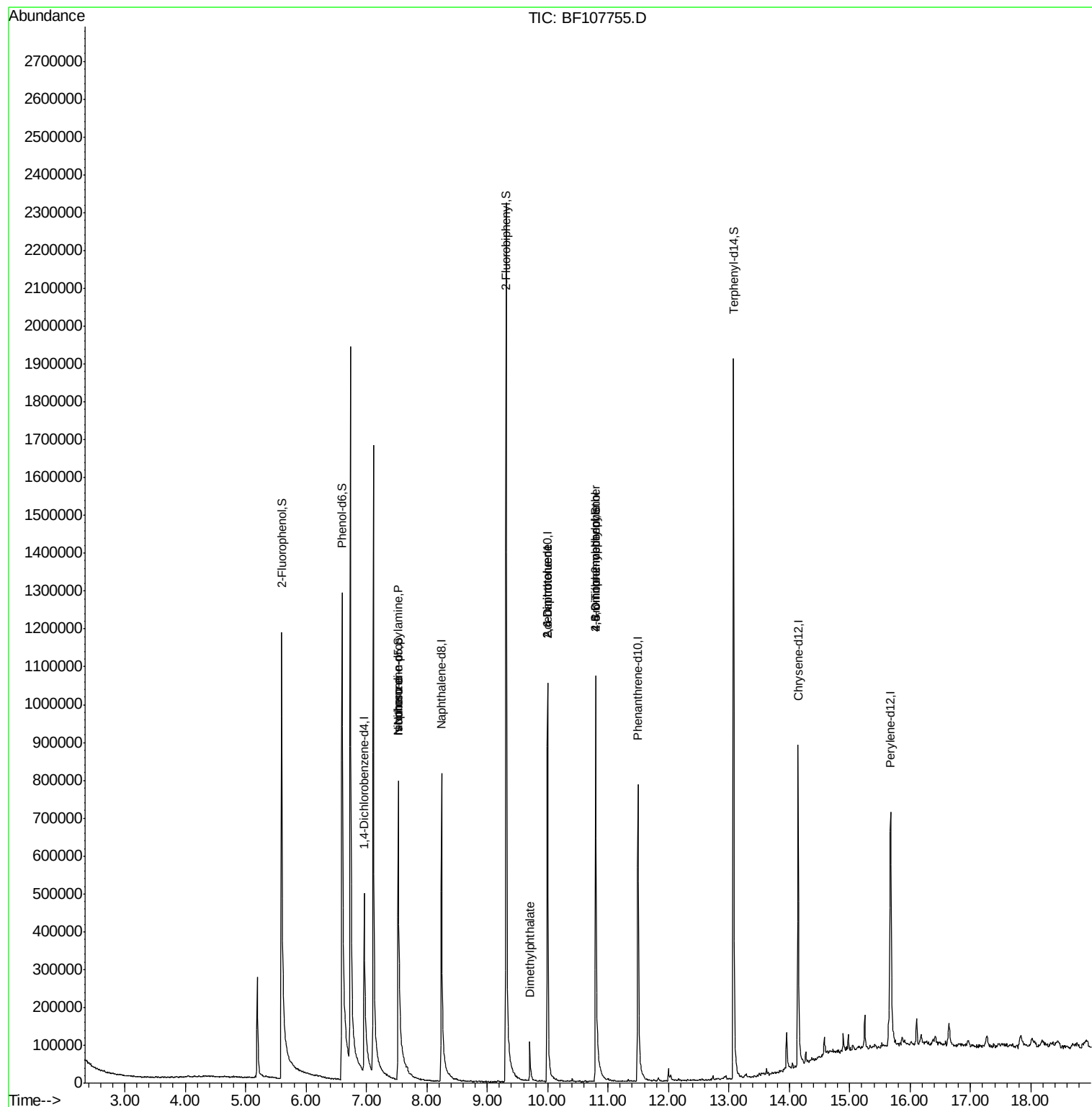
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	152699	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	622797	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	255815	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	454593	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	403738	20.00	ng	-0.02
86) Perylene-d12	15.68	264	411006	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	687387	72.38	ng	-0.01
7) Phenol-d6	6.60	99	877216	76.92	ng	-0.02
23) Nitrobenzene-d5	7.52	82	539711	58.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	224587	77.20	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1013555	63.05	ng	-0.02
78) Terphenyl-d14	13.08	244	794962	50.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	64180	8.712	ng	# 81
25) Isophorone	7.52	82	539711	27.391	ng	# 64
49) Dimethylphthalate	9.71	163	64468	3.344	ng	# 99
50) 2,6-Dinitrotoluene	10.00	165	30377	7.936	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	31188	6.750	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.80	198	155	8.739	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	13068	2.442	ng	# 1
73) Di-n-butylphthalate	12.04	149	8401	Below Cal		# 88
81) 3,3'-Dichlorobenzidine	14.01	252	117	Below Cal		# 27

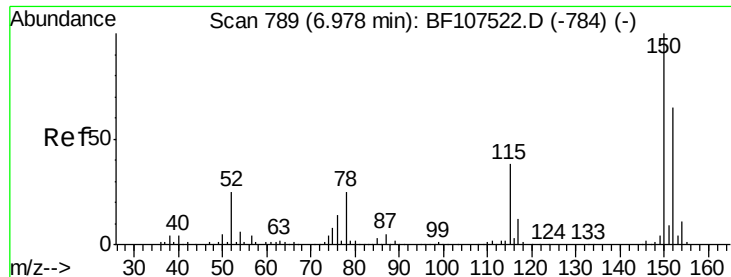
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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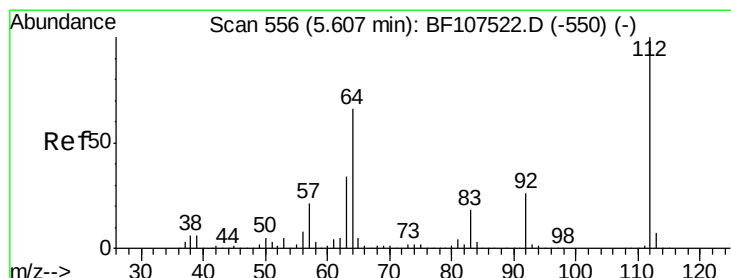
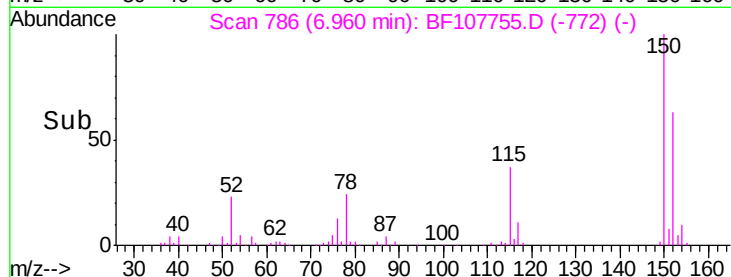
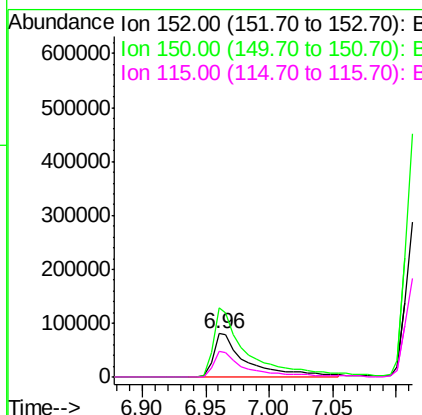
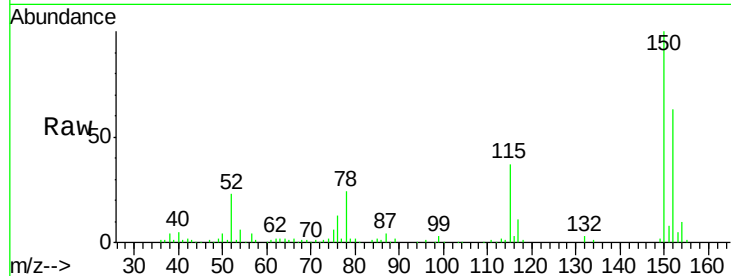


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-035

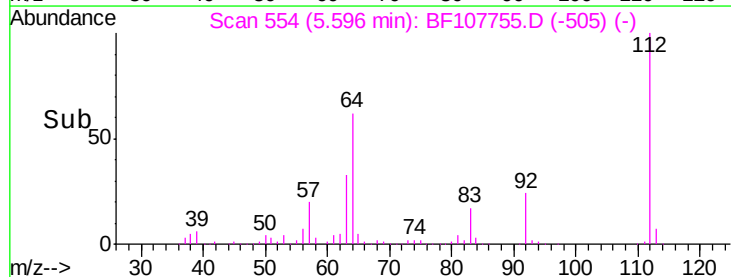
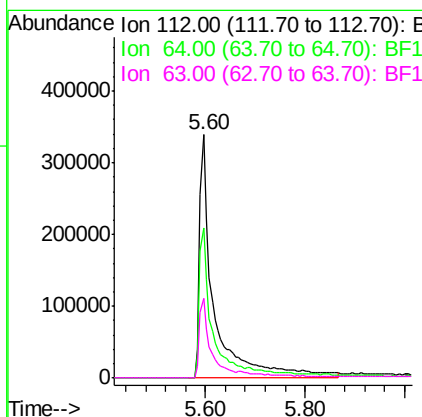
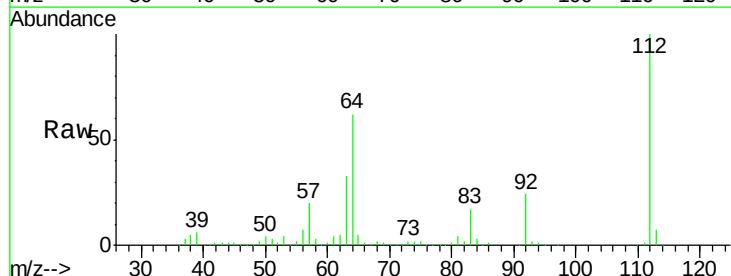
Tgt Ion:152 Resp: 152699
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 58.8 50.1 75.1

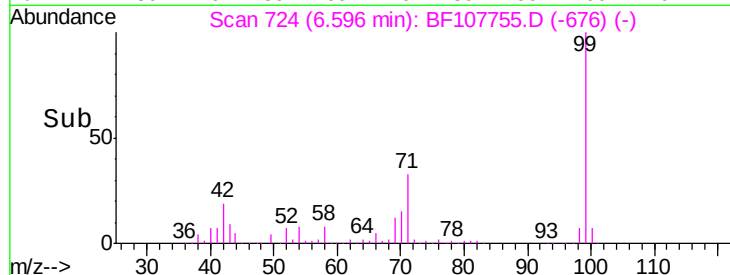
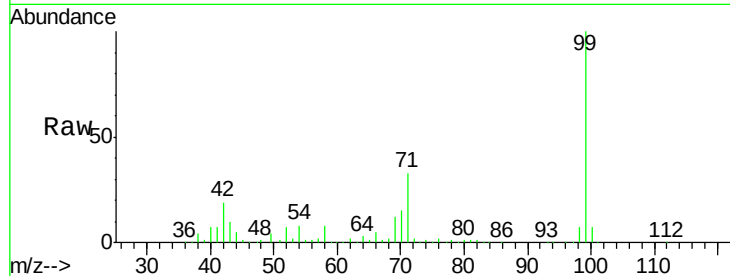
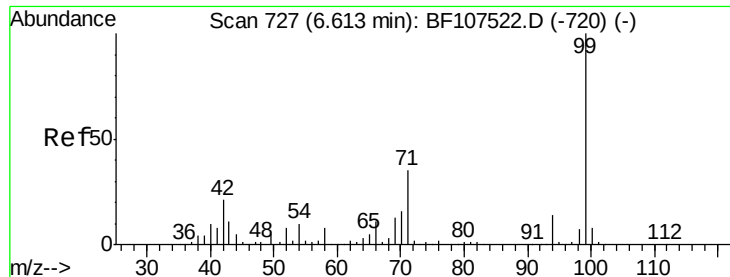


#5

2-Fluorophenol
Concen: 72.377 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

Tgt Ion:112 Resp: 687387
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 76.923 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107755.D

Acq: 27 Jul 2018 19:28

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-035

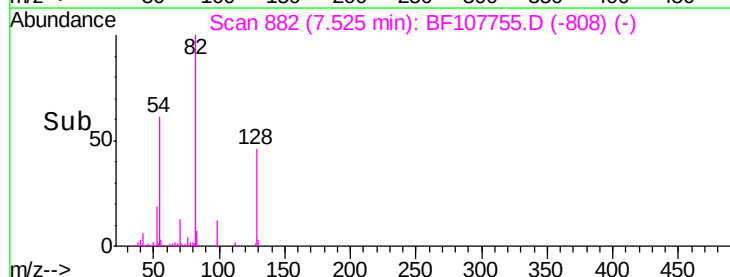
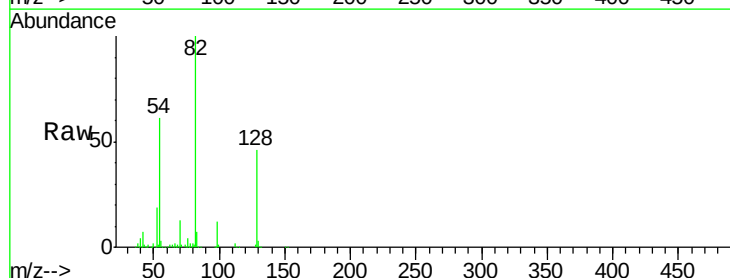
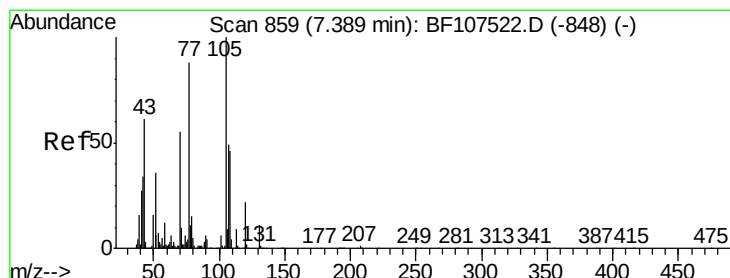
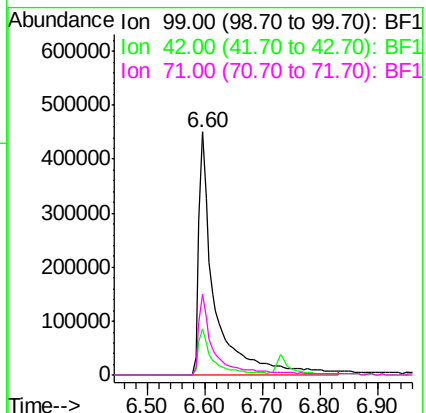
Tgt Ion: 99 Resp: 877216

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.712 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF107755.D

Acq: 27 Jul 2018 19:28

Tgt Ion: 70 Resp: 64180

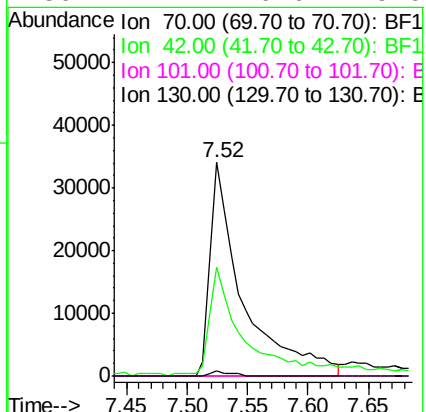
Ion Ratio Lower Upper

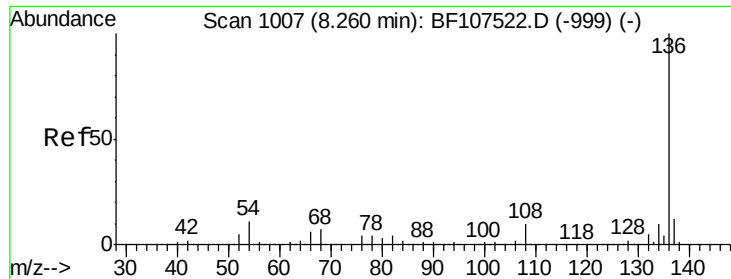
70 100

42 51.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

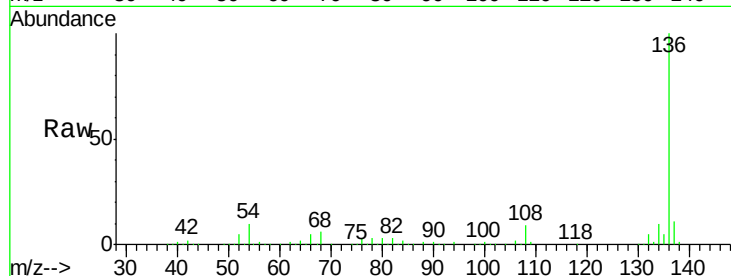




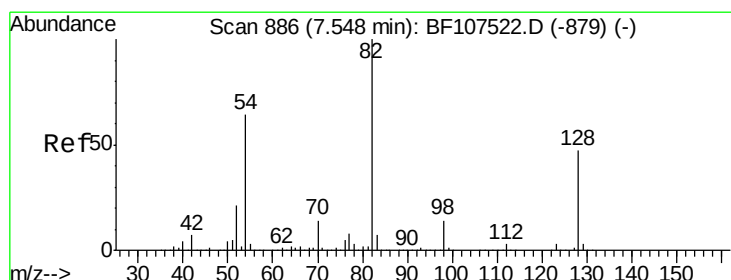
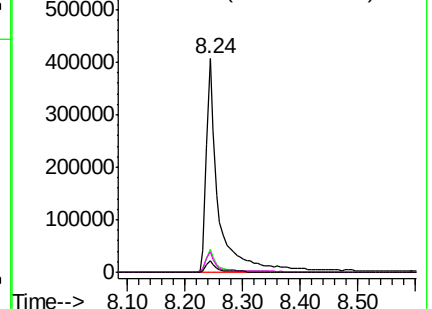
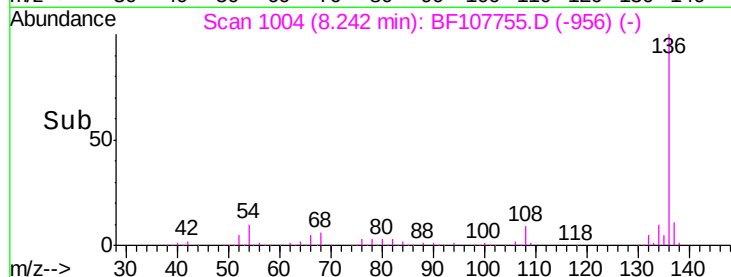
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-035

Tgt Ion:	136	Resp:	622797
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.7	6.6	9.8
68	5.7	5.0	7.4

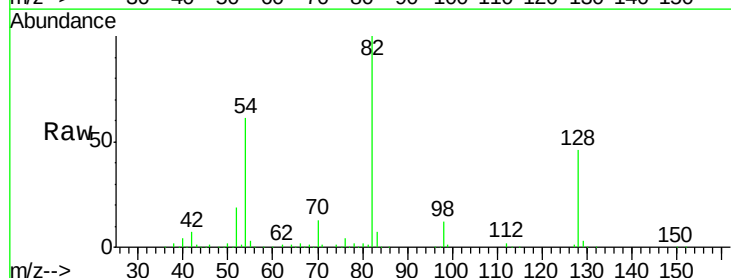


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

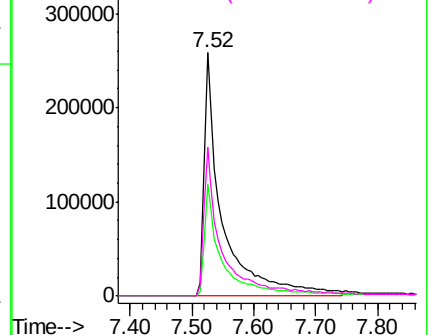
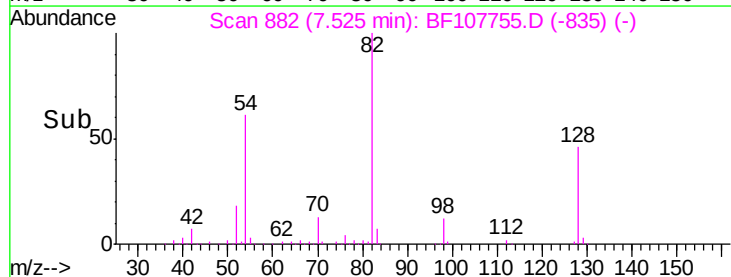


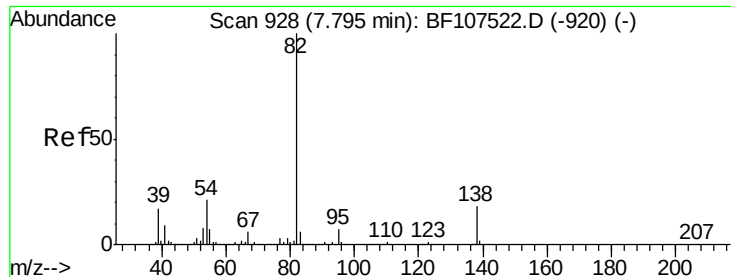
#23
Nitrobenzene-d5
Concen: 58.484 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

Tgt Ion:	82	Resp:	539711
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	61.2	41.4	62.2



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

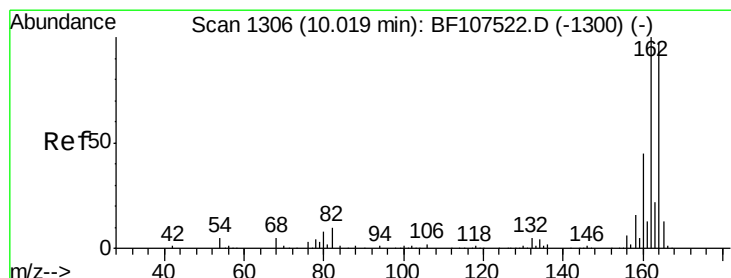
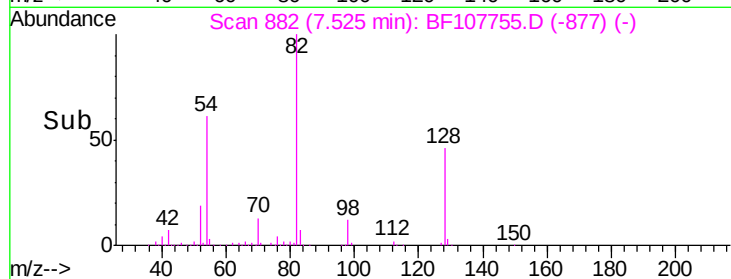
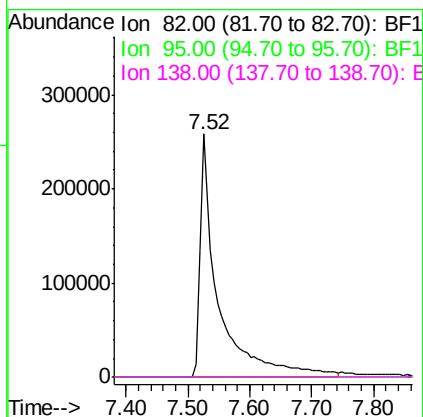
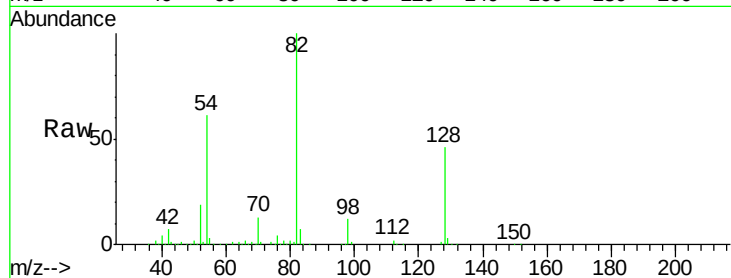




#25
Isophorone
Concen: 27.391 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.27 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

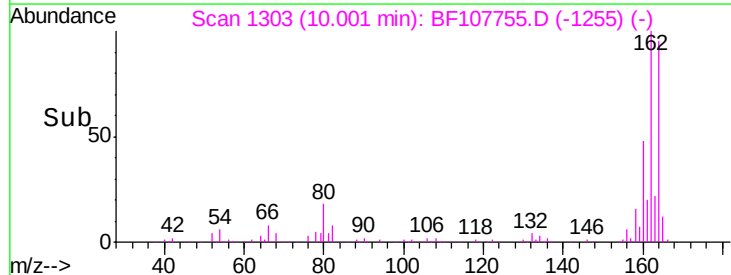
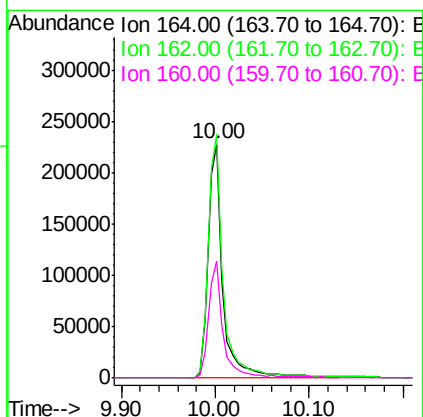
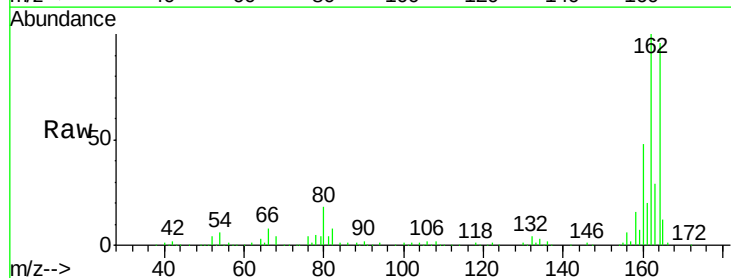
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ClientSampleId :
FK-PS-01-035

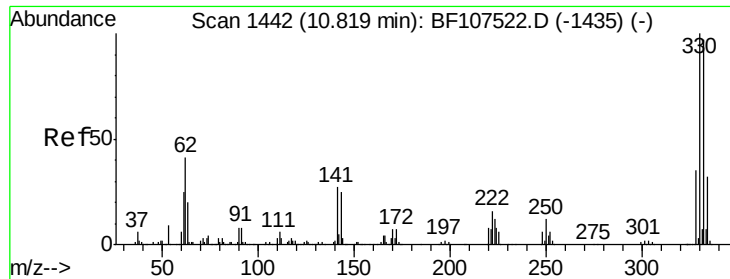
Tgt Ion: 82 Resp: 539711
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

Tgt Ion: 164 Resp: 255815
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 50.0 38.3 57.5

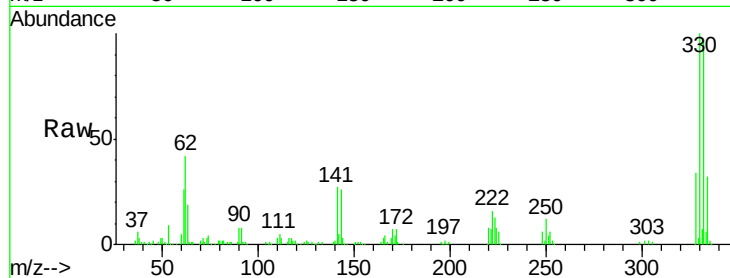




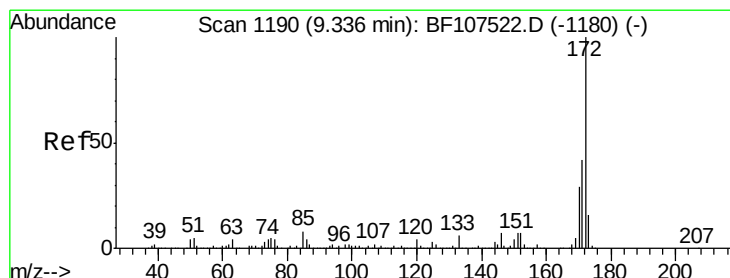
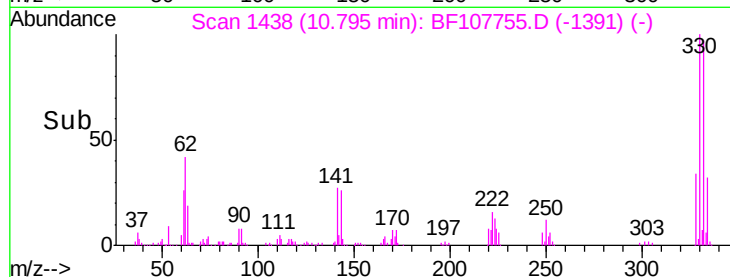
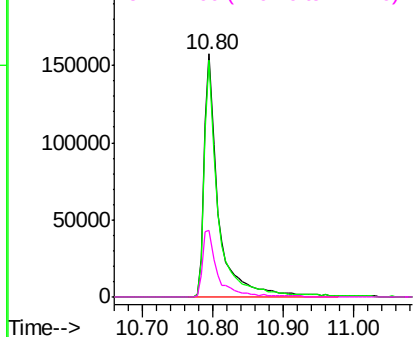
#41
 2,4,6-Tribromophenol
 Concen: 77.204 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107755.D
 Acq: 27 Jul 2018 19:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-035

Tgt Ion:330 Resp: 224587
 Ion Ratio Lower Upper
 330 100
 332 93.9 77.0 115.6
 141 30.5 29.9 44.9

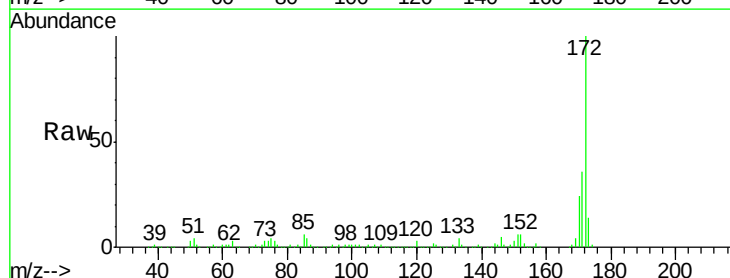


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

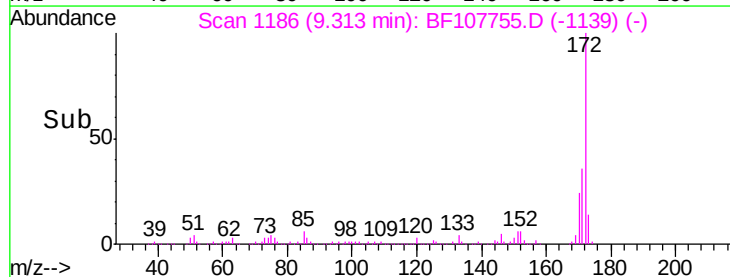
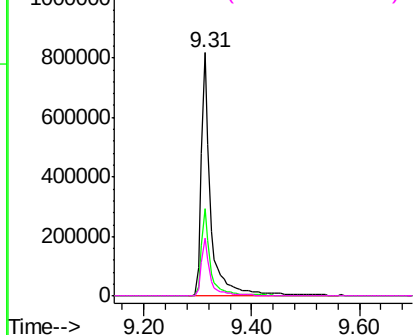


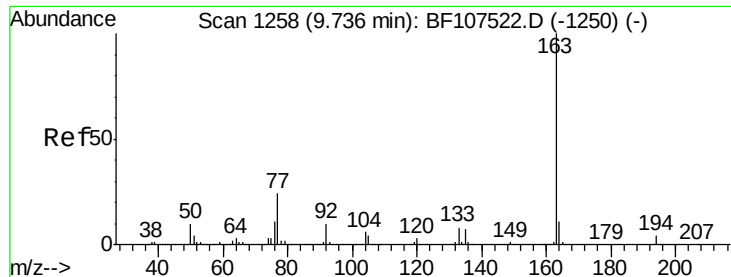
#44
 2-Fluorobiphenyl
 Concen: 63.050 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107755.D
 Acq: 27 Jul 2018 19:28

Tgt Ion:172 Resp: 1013555
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 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

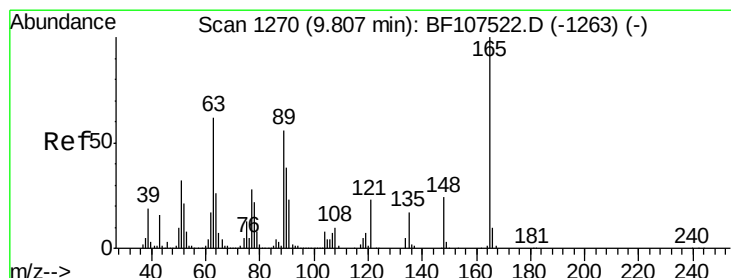
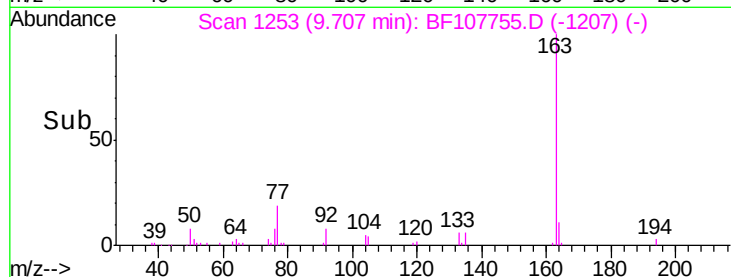
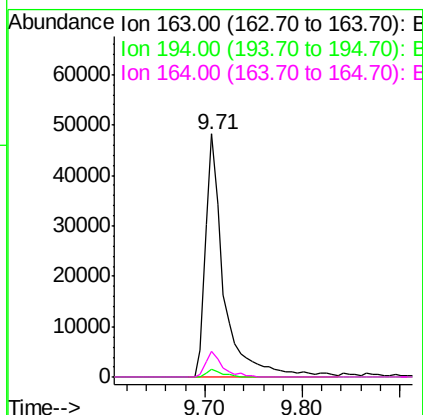
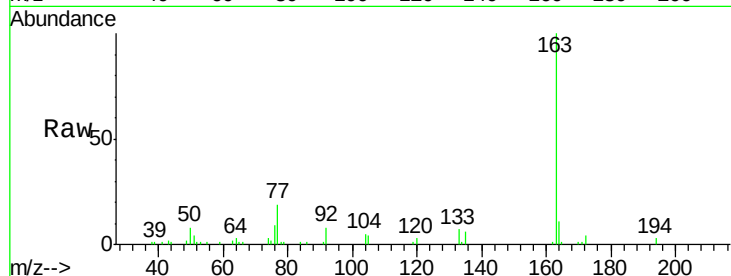




#49
Dimethylphthalate
Concen: 3.344 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

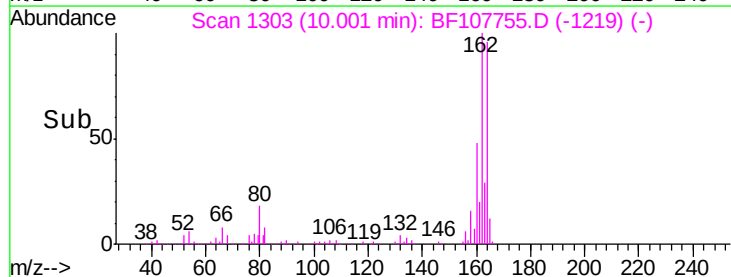
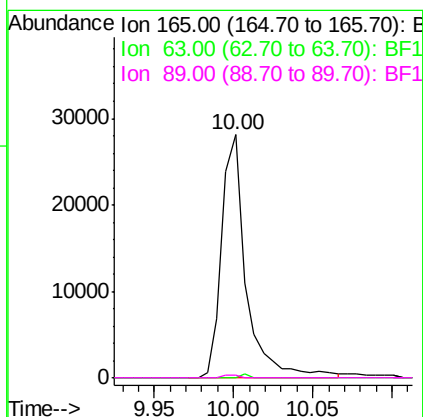
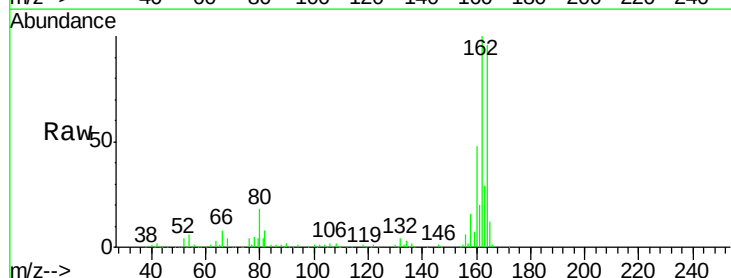
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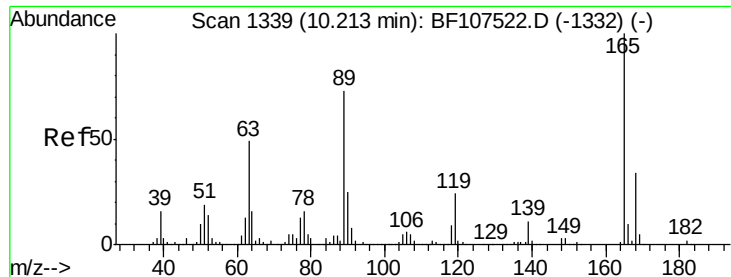
Tgt Ion:163 Resp: 64468
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.936 ng
RT: 10.00 min Scan# 1303
Delta R.T. 0.19 min
Lab File: BF107755.D
Acq: 27 Jul 2018 19:28

Tgt Ion:165 Resp: 30377
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.2 44.0 66.0#





#56

2,4-Dinitrotoluene

Concen: 6.750 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.21 min

Lab File: BF107755.D

Acq: 27 Jul 2018 19:28

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-035

Tgt Ion:165 Resp: 31188

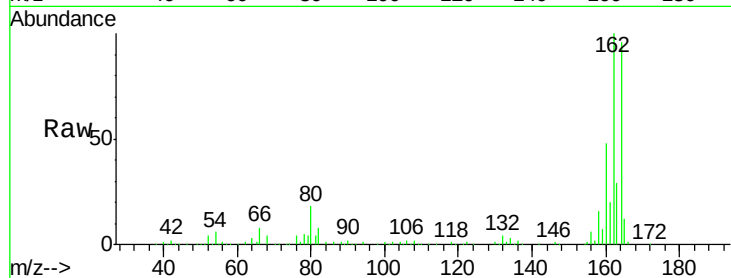
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

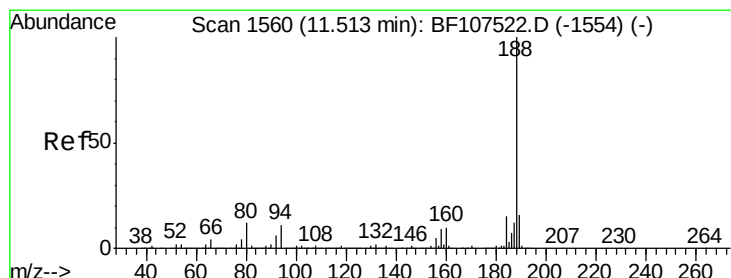
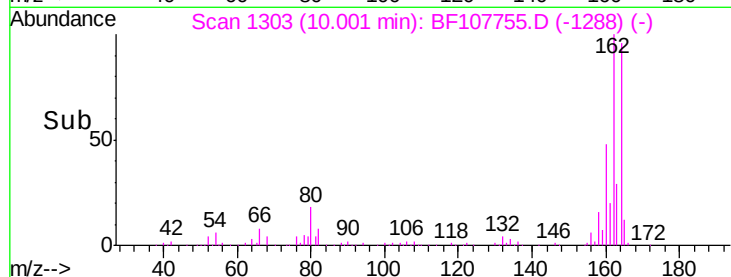
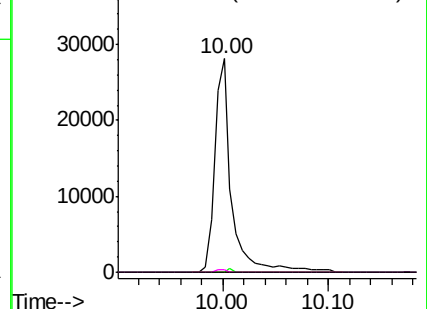


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107755.D

Acq: 27 Jul 2018 19:28

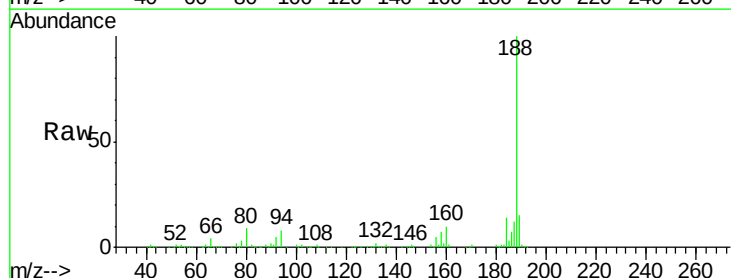
Tgt Ion:188 Resp: 454593

Ion Ratio Lower Upper

188 100

94 8.5 8.5 12.7#

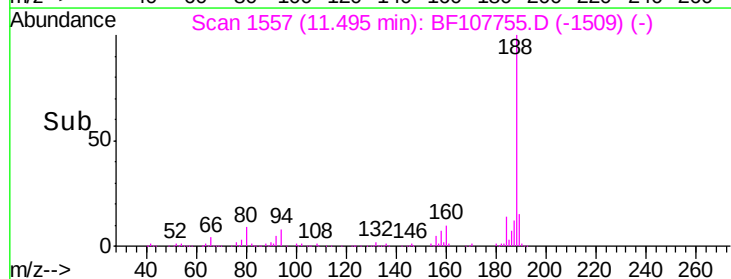
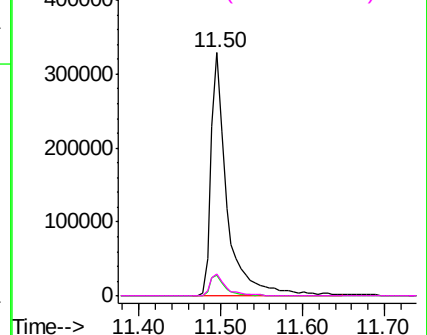
80 9.1 9.2 13.8#

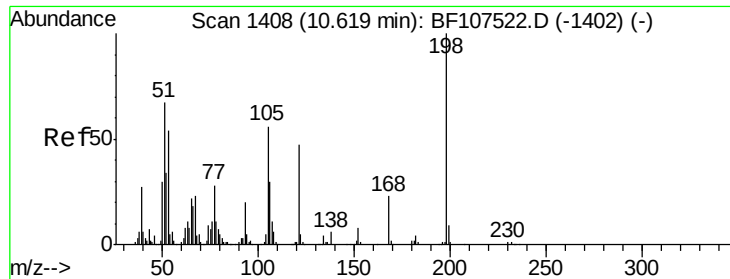


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

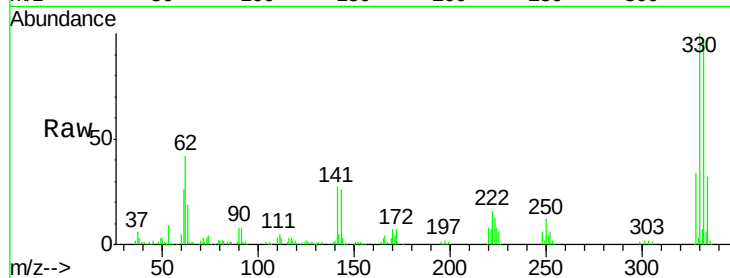




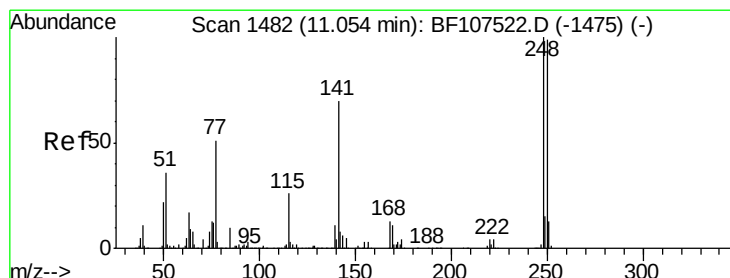
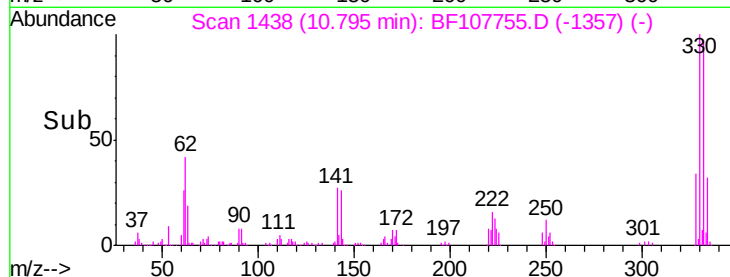
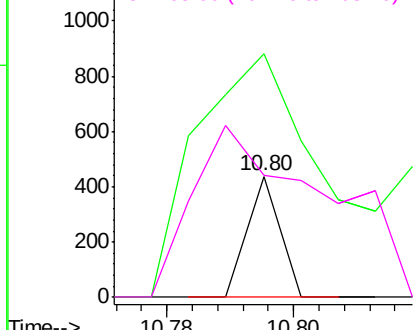
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.739 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF107755.D
 Acq: 27 Jul 2018 19:28

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-035

Tgt Ion:198 Resp: 155
 Ion Ratio Lower Upper
 198 100
 51 200.7 37.7 77.7#
 105 100.5 36.3 76.3#

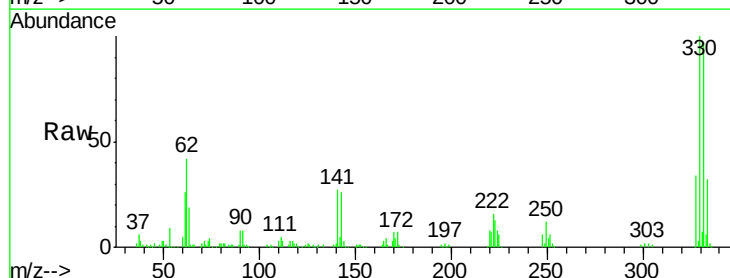


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

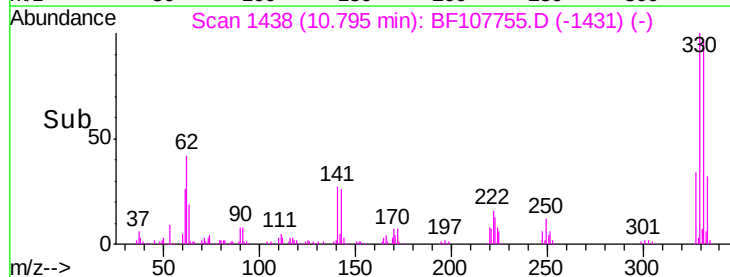
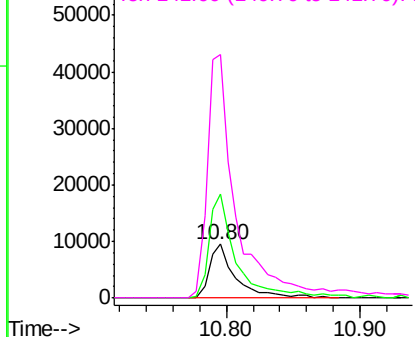


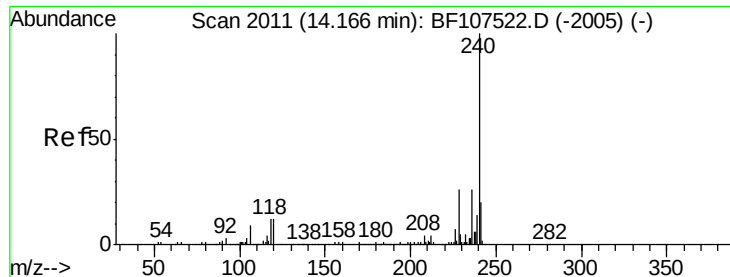
#66
 4-Bromophenyl-phenylether
 Concen: 2.442 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.26 min
 Lab File: BF107755.D
 Acq: 27 Jul 2018 19:28

Tgt Ion:248 Resp: 13068
 Ion Ratio Lower Upper
 248 100
 250 192.6 76.9 115.3#
 141 450.0 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: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107755.D

Acq: 27 Jul 2018 19:28

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-035

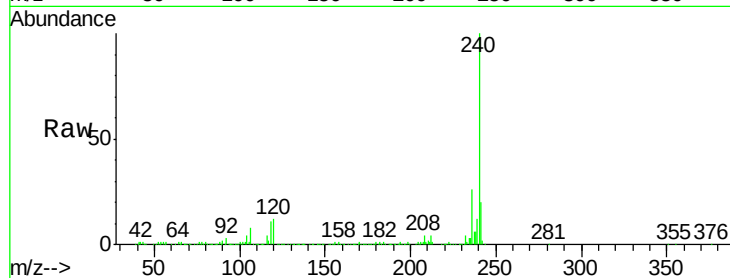
Tgt Ion:240 Resp: 403738

Ion Ratio Lower Upper

240 100

120 12.0 9.5 14.3

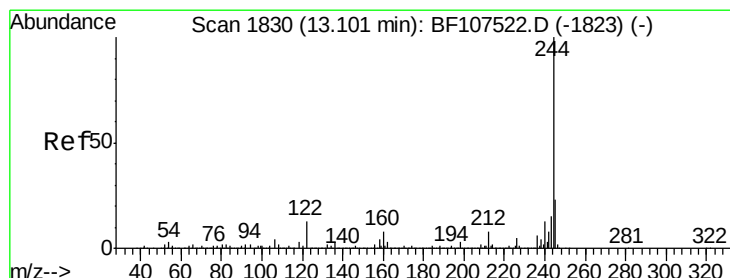
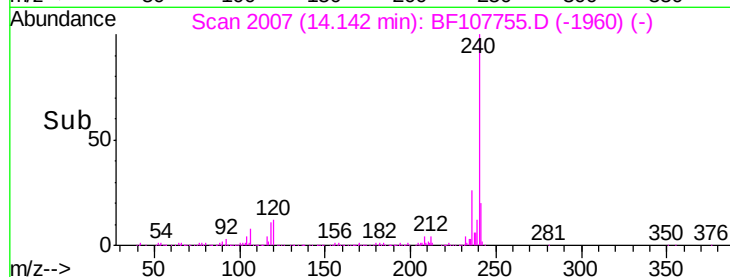
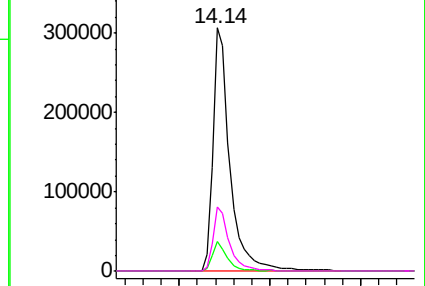
236 26.4 20.7 31.1



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: 50.408 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107755.D

Acq: 27 Jul 2018 19:28

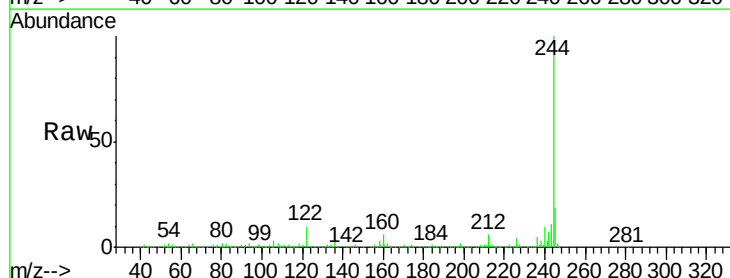
Tgt Ion:244 Resp: 794962

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

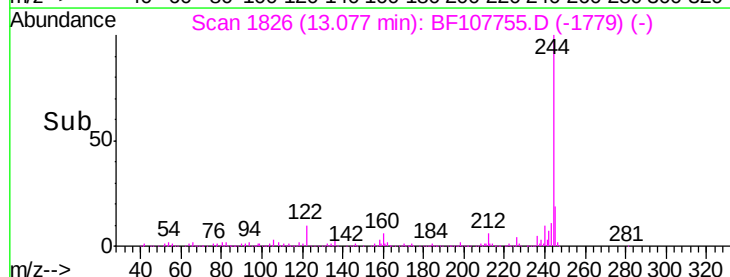
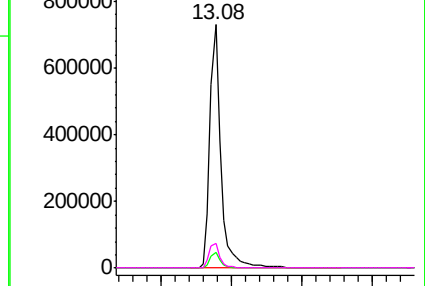
122 10.3 11.0 16.4#

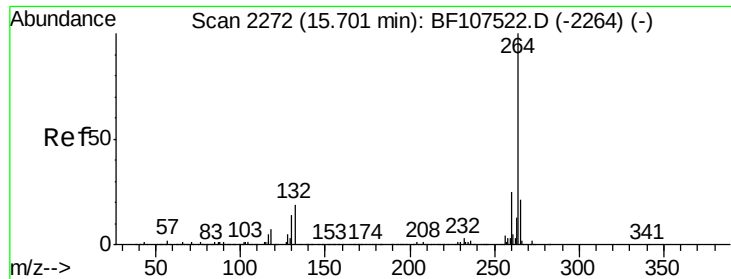


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107755.D
Acq: 27 Jul 2018 19:28

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-035

Tgt Ion: 264 Resp: 411006
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.6 17.5 26.3

