

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107751.D
 Acq On : 27 Jul 2018 17:40
 Operator : JU/SJ
 Sample : J4189-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13-S

Quant Time: Jul 28 01:15:56 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	151560	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	613704	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	261448	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	458197	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	377320	20.00	ng	-0.02
86) Perylene-d12	15.68	264	384439	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1078124	114.37	ng	-0.01
7) Phenol-d6	6.60	99	1359595	120.12	ng	-0.01
23) Nitrobenzene-d5	7.52	82	848179	93.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	357841	120.36	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1470023	101.46	ng	-0.02
78) Terphenyl-d14	13.08	244	1149083	77.96	ng	-0.02

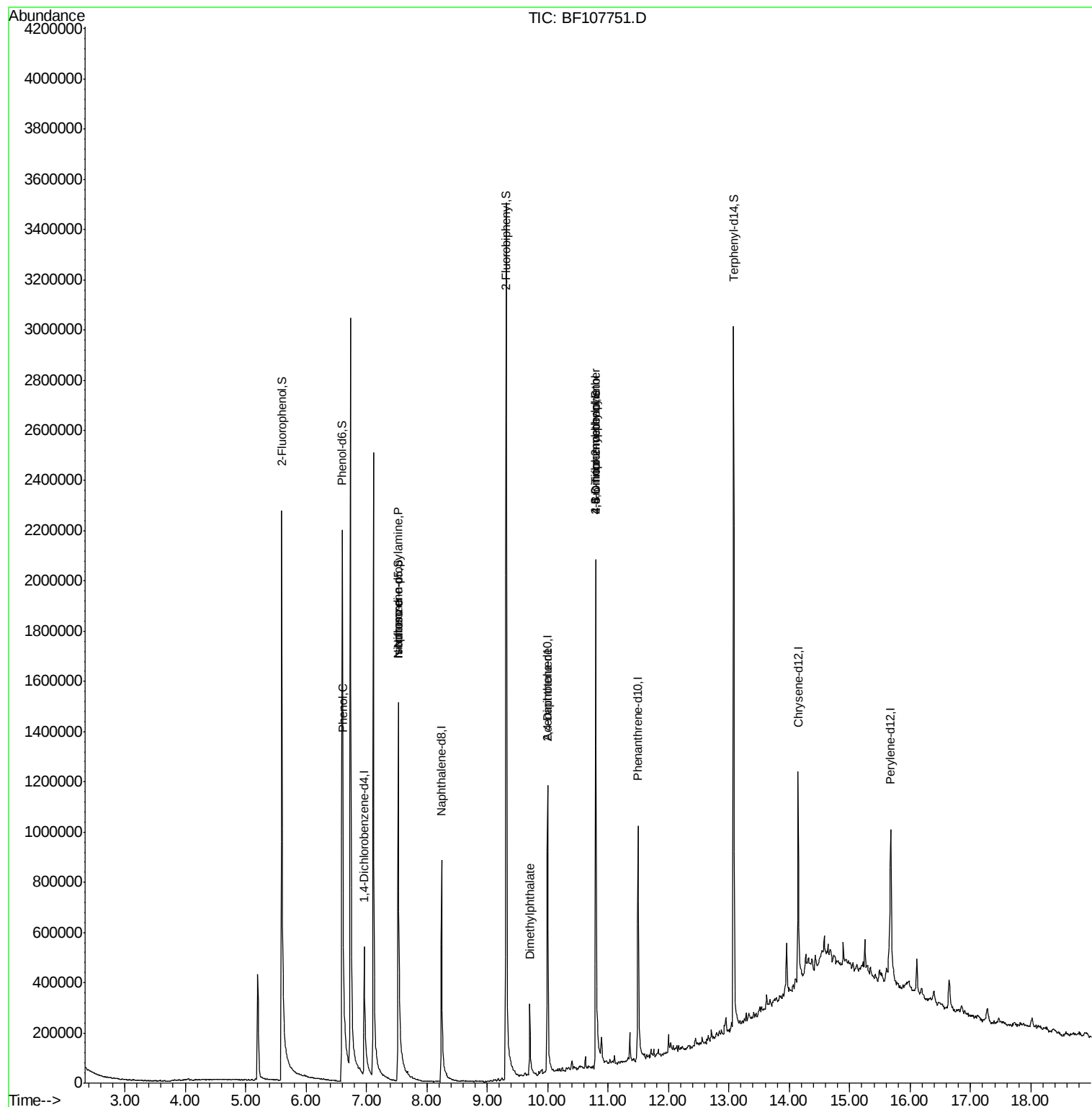
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.60	77	1978	Below Cal	#	1
10) Phenol	6.61	94	39365	2.957	ng	24
19) n-Nitroso-di-n-propylamine	7.52	70	104488	14.290	ng	82
25) Isophorone	7.52	82	850488	43.803	ng	64
49) Dimethylphthalate	9.71	163	138684	7.038	ng	98
56) 2,4-Dinitrotoluene	10.00	165	34989	7.409	ng	24
64) 4,6-Dinitro-2-methylphenol	10.80	198	481	8.859	ng	1
66) 4-Bromophenyl-phenylether	10.80	248	20830	3.862	ng	1
73) Di-n-butylphthalate	12.04	149	21522	Below Cal	#	92
81) 3,3'-Dichlorobenzidine	14.11	252	967	Below Cal	#	1

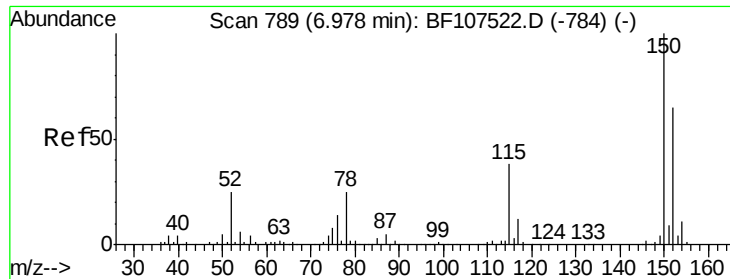
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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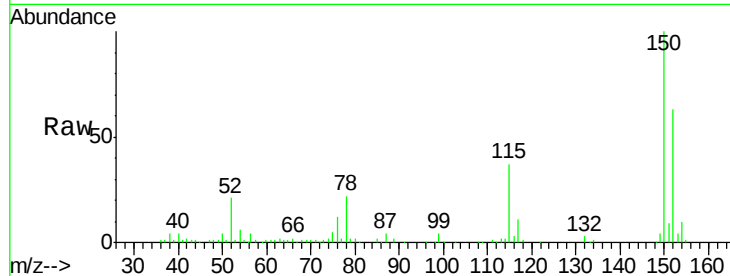


#1

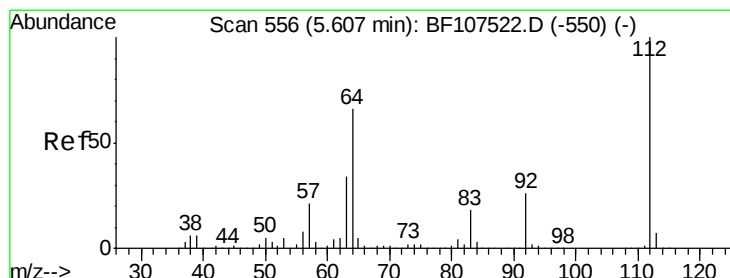
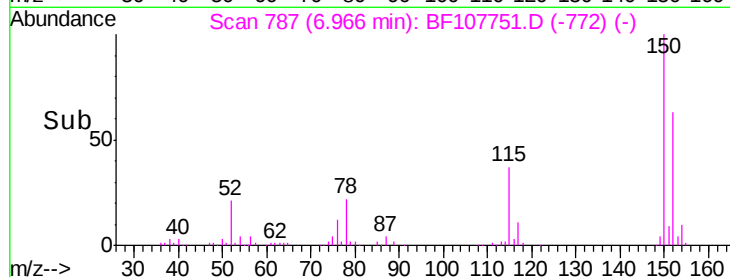
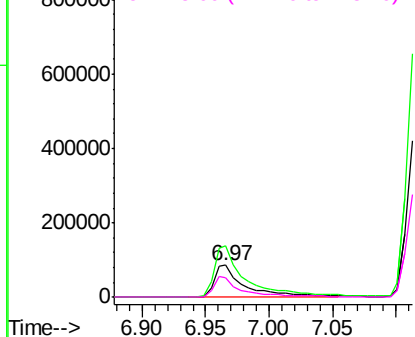
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107751.D
Acq: 27 Jul 2018 17:40

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ClientSampleId :
TP-13-S

Tgt Ion:152 Resp: 151560
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 58.9 50.1 75.1



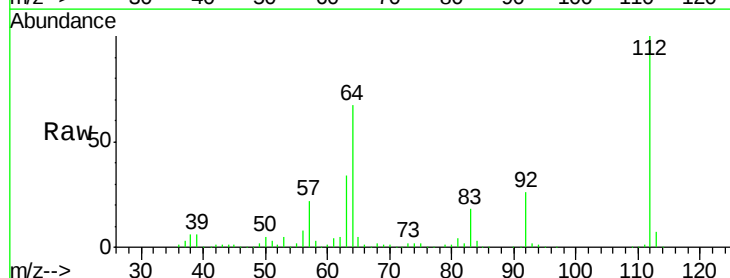
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



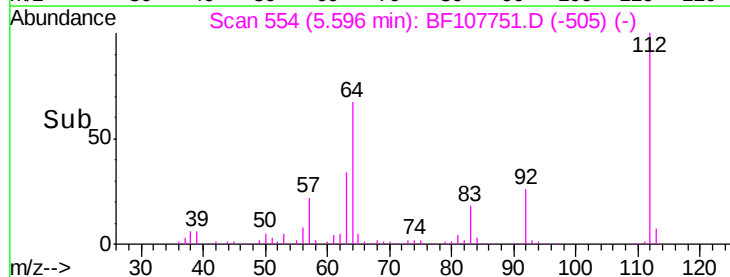
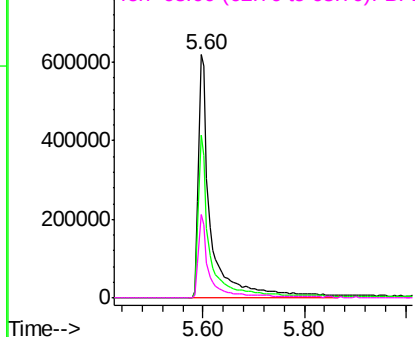
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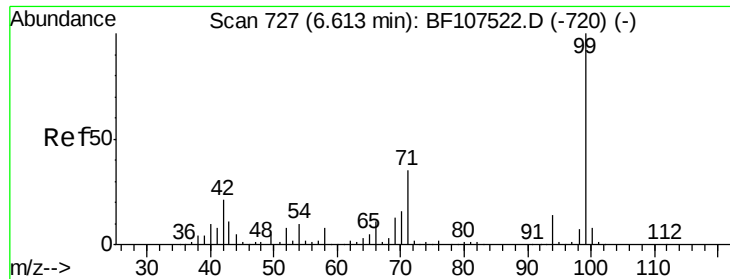
2-Fluorophenol
Concen: 114.372 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107751.D
Acq: 27 Jul 2018 17:40

Tgt Ion:112 Resp: 1078124
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 34.1 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: 120.119 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107751.D

Acq: 27 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

TP-13-S

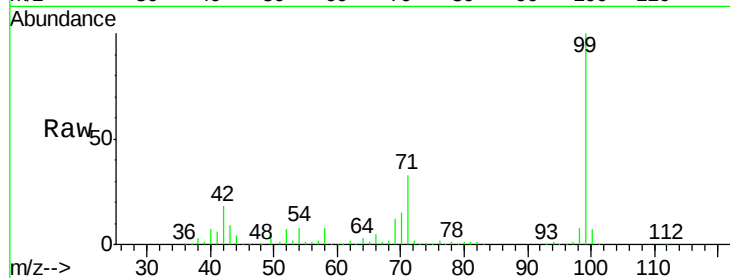
Tgt Ion: 99 Resp: 1359595

Ion Ratio Lower Upper

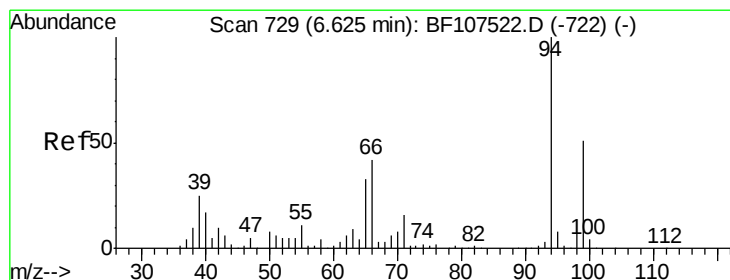
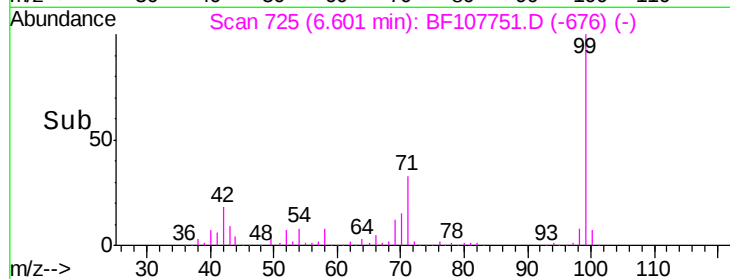
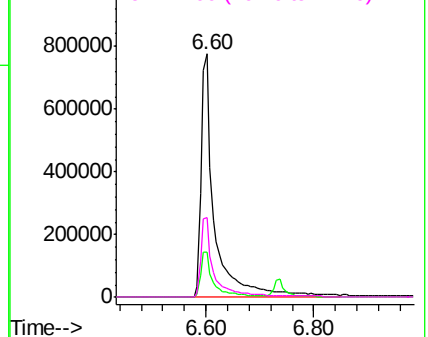
99 100

42 18.5 14.5 21.7

71 32.6 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: 2.957 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107751.D

Acq: 27 Jul 2018 17:40

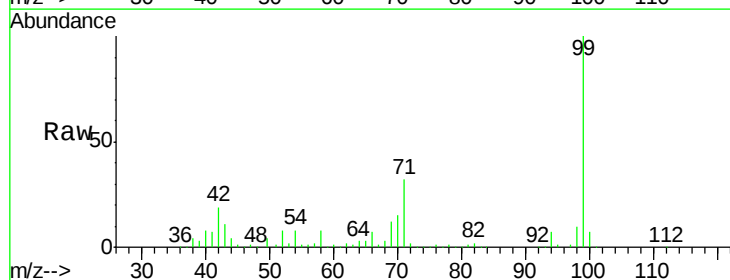
Tgt Ion: 94 Resp: 39365

Ion Ratio Lower Upper

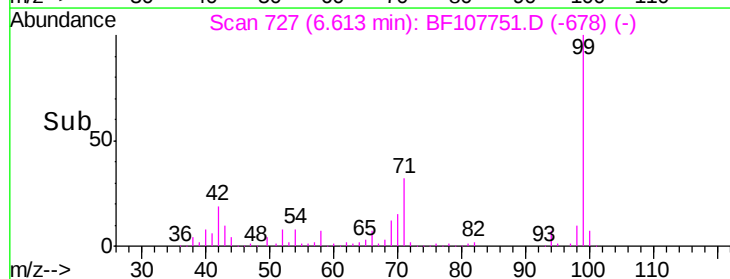
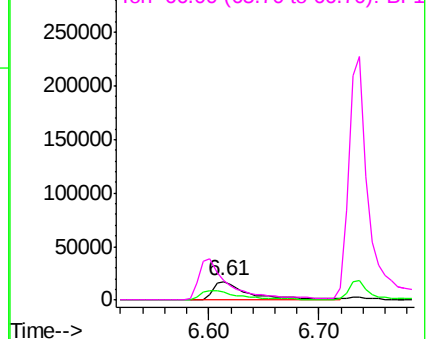
94 100

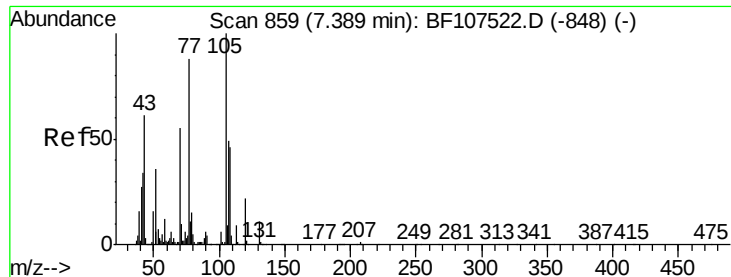
65 40.5 7.9 47.9

66 104.9 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

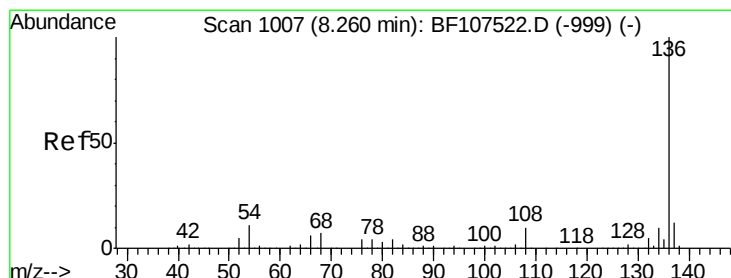
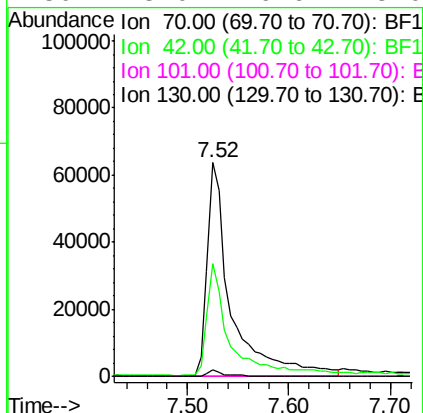
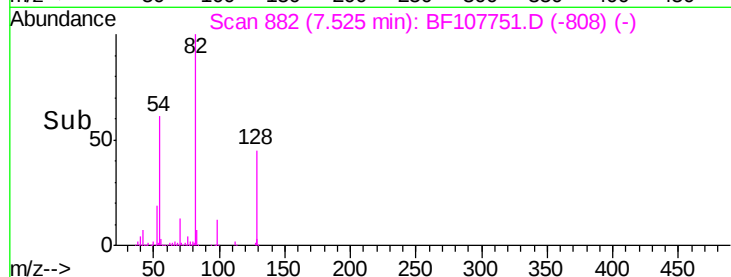
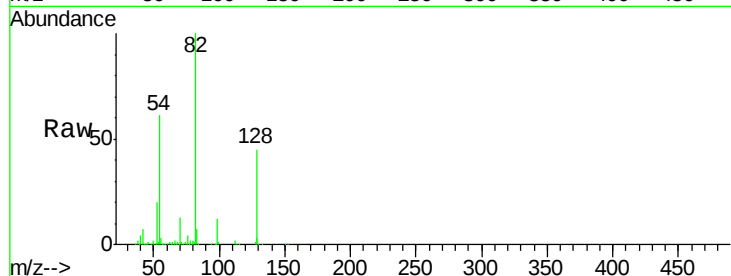




#19
n-Nitroso-di-n-propylamine
Concen: 14.290 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF107751.D
Acq: 27 Jul 2018 17:40

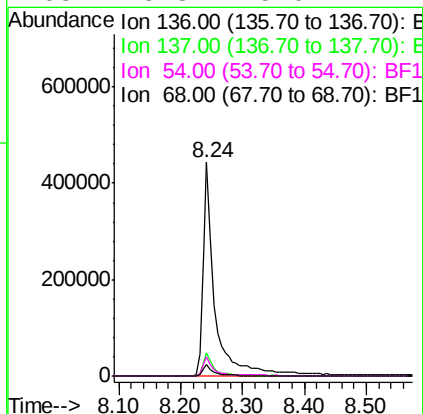
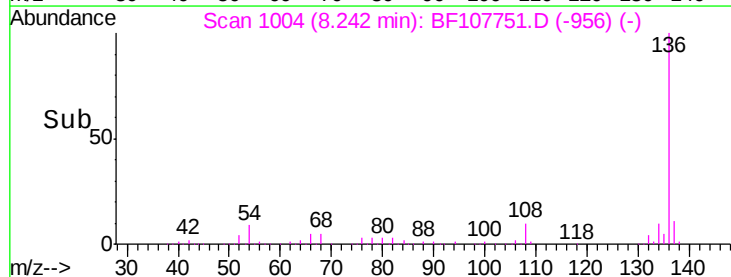
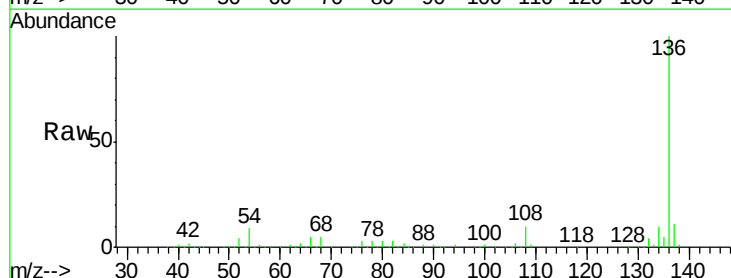
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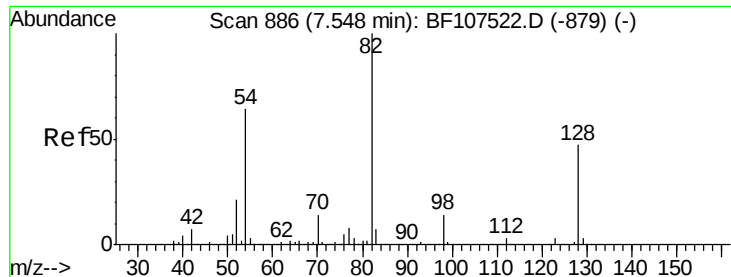
Tgt Ion: 70 Resp: 104488
Ion Ratio Lower Upper
70 100
42 52.5 47.5 71.3
101 0.0 7.4 11.2#
130 3.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107751.D
Acq: 27 Jul 2018 17:40

Tgt Ion: 136 Resp: 613704
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.2 6.6 9.8
68 5.3 5.0 7.4

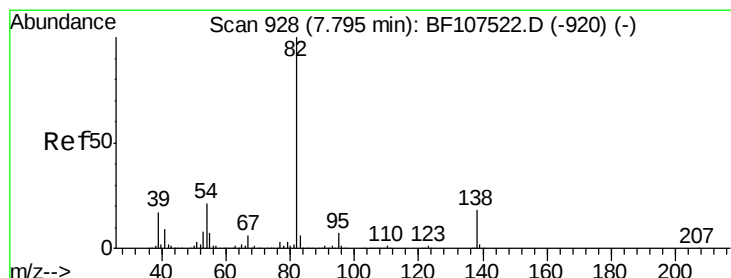
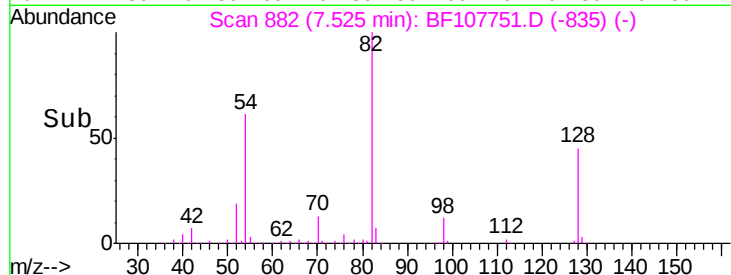
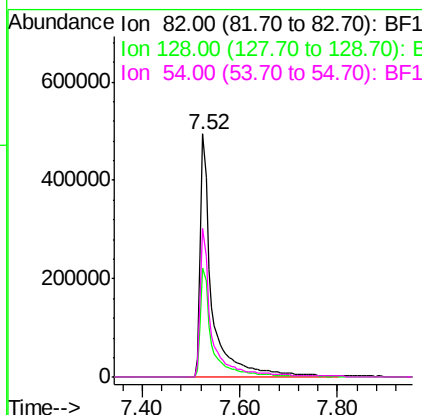
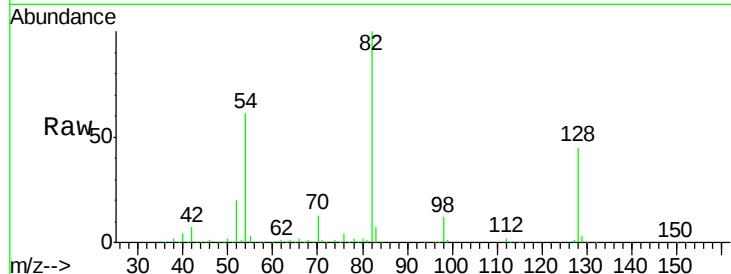




#23
 Nitrobenzene-d5
 Concen: 93.272 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107751.D
 Acq: 27 Jul 2018 17:40

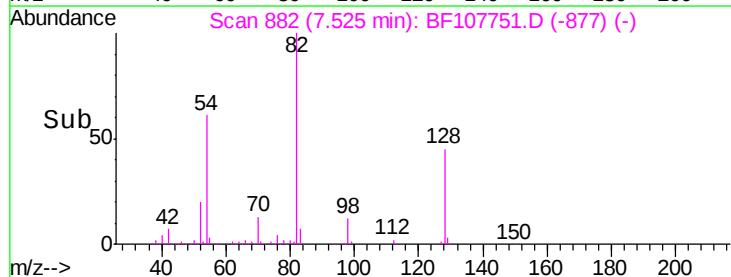
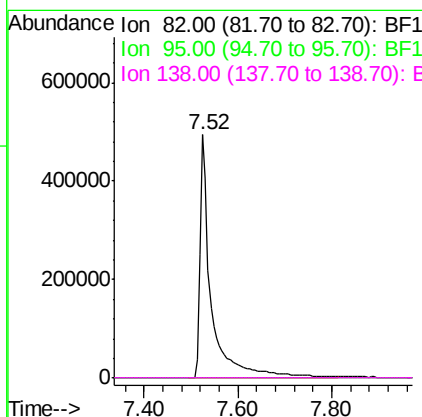
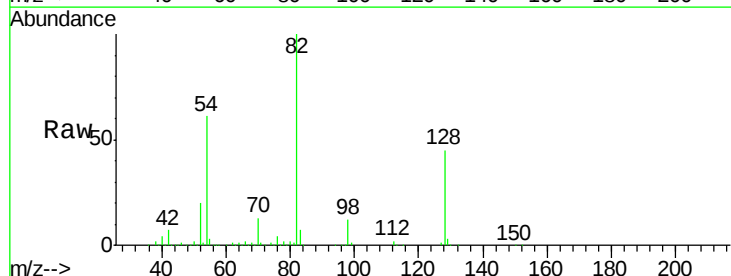
Instrument :
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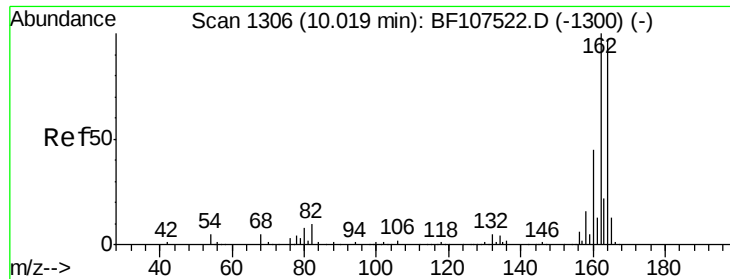
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	61.3	41.4	62.2



#25
 Isophorone
 Concen: 43.803 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.27 min
 Lab File: BF107751.D
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Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

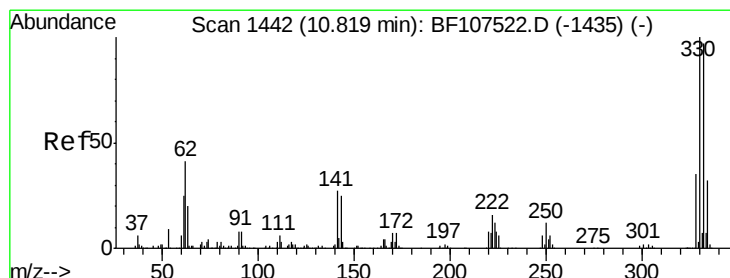
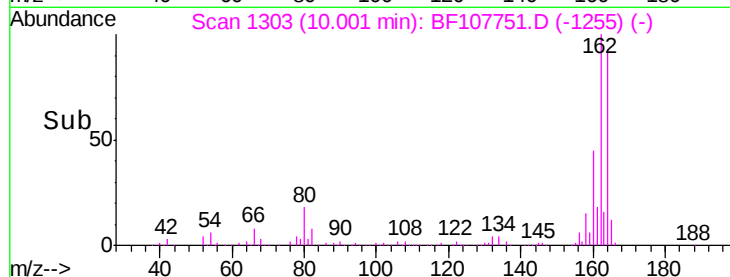
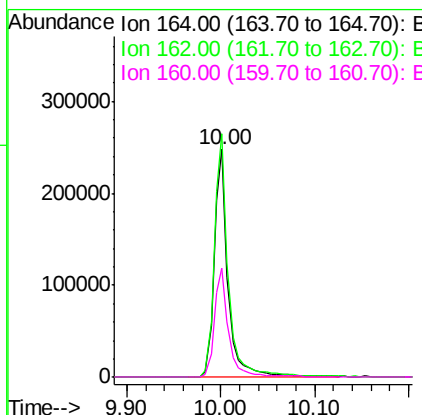
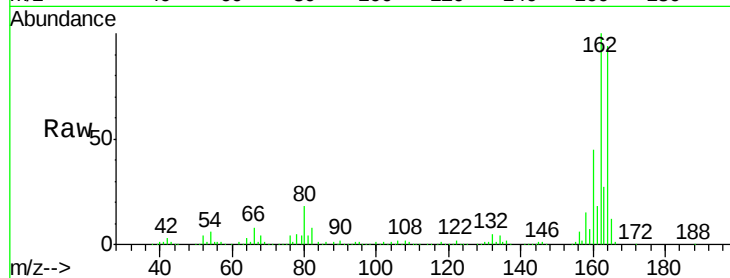




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107751.D
 Acq: 27 Jul 2018 17:40

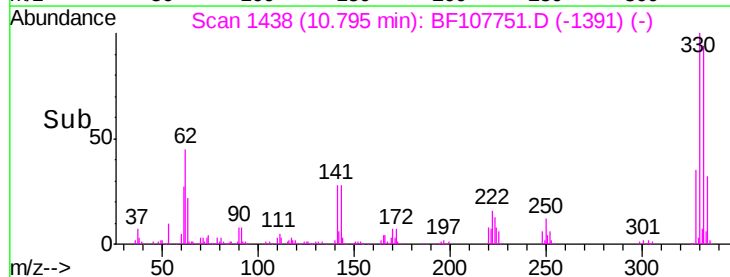
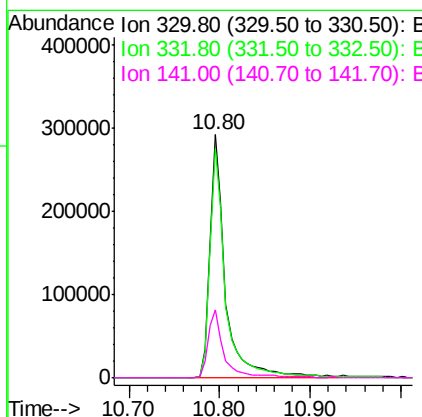
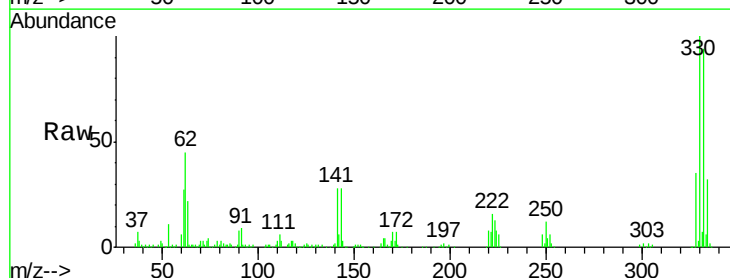
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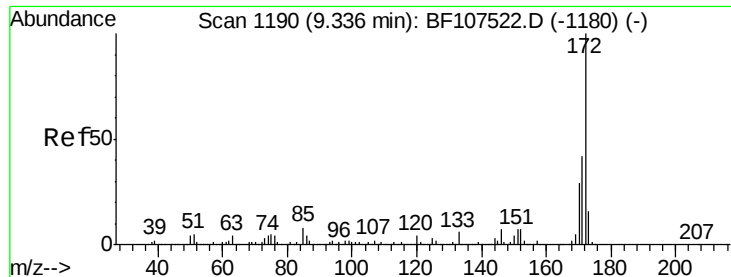
Tgt Ion:164 Resp: 261448
 Ion Ratio Lower Upper
 164 100
 162 106.7 86.1 129.1
 160 48.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 120.361 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107751.D
 Acq: 27 Jul 2018 17:40

Tgt Ion:330 Resp: 357841
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 28.8 29.9 44.9#

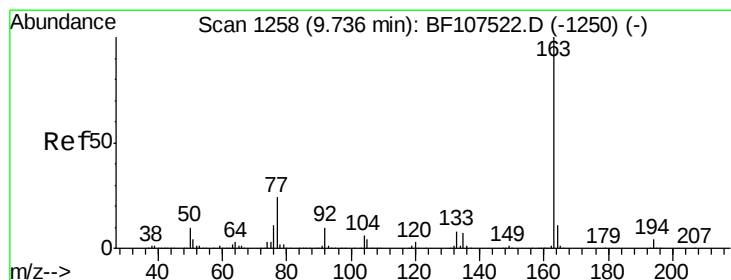
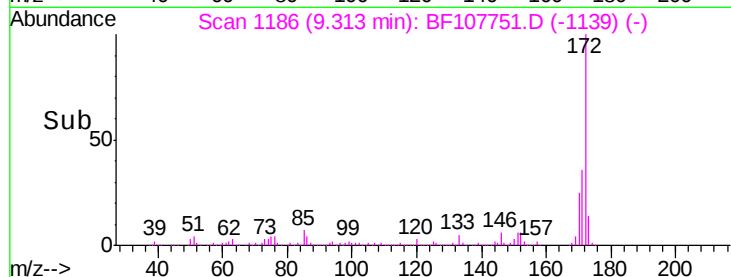
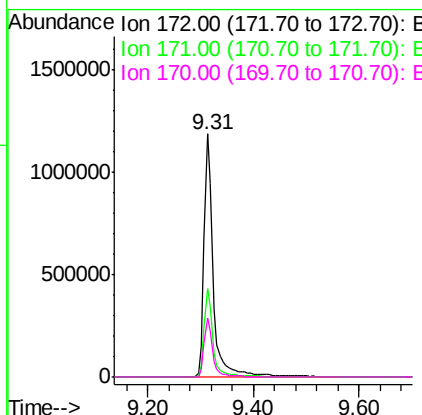
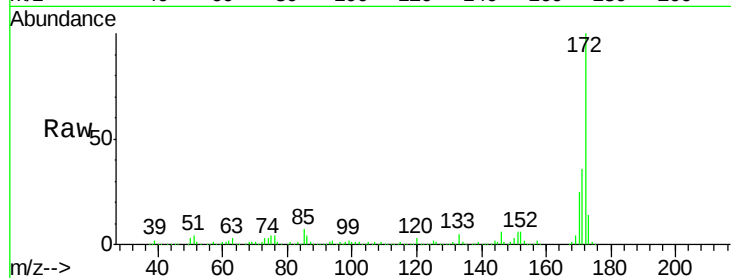




#44
 2-Fluorobiphenyl
 Concen: 101.464 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107751.D
 Acq: 27 Jul 2018 17:40

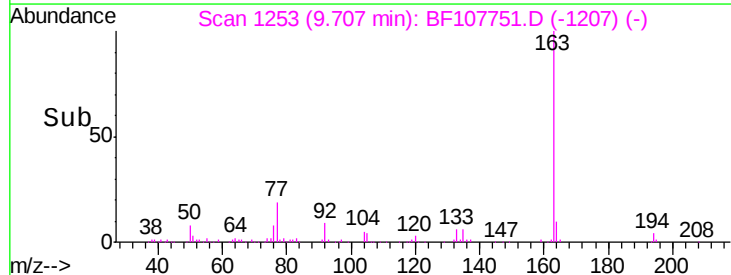
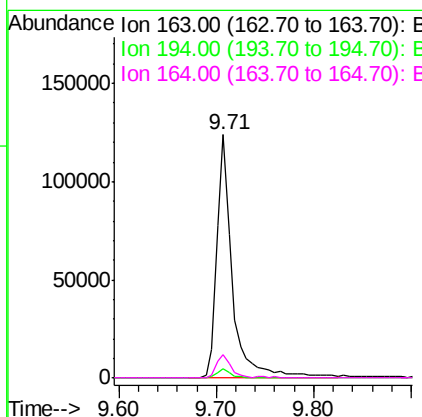
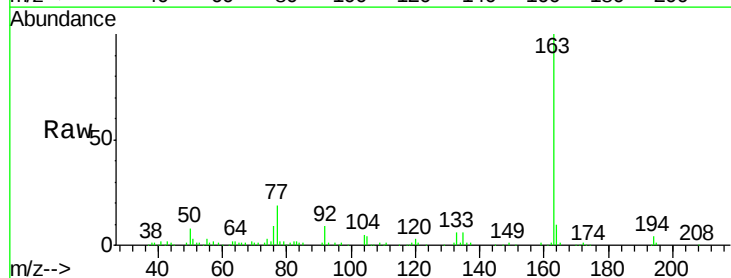
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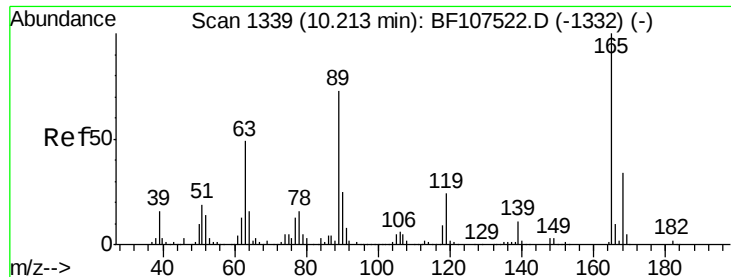
Tgt Ion:172 Resp: 1470023
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.038 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.03 min
 Lab File: BF107751.D
 Acq: 27 Jul 2018 17:40

Tgt Ion:163 Resp: 138684
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.7 4.1
 164 9.5 8.2 12.2

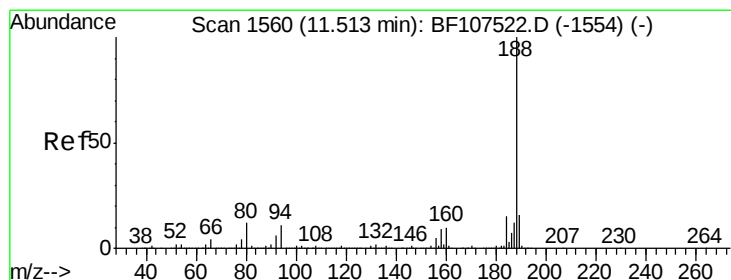
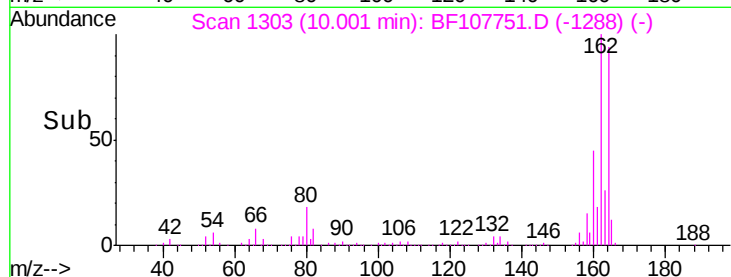
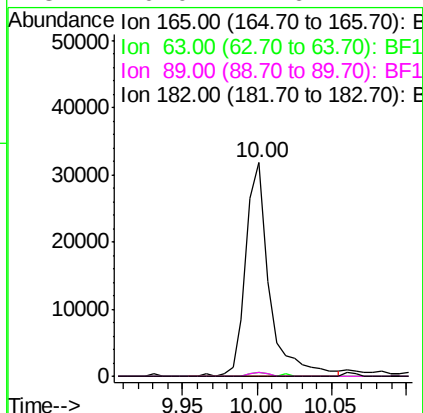
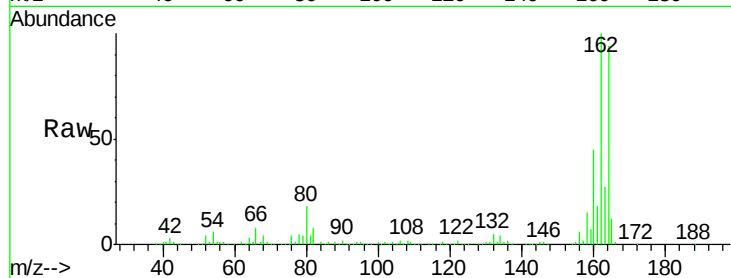




#56
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107751.D
Acq: 27 Jul 2018 17:40

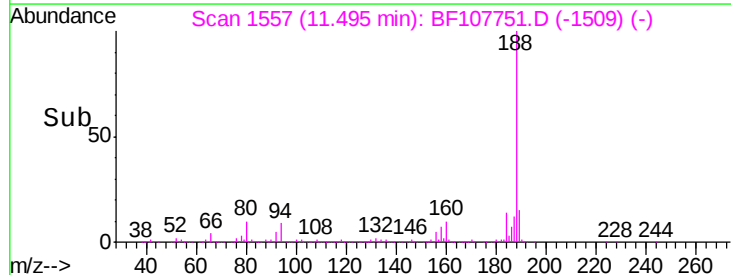
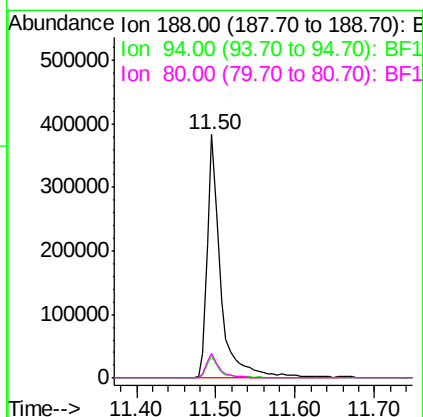
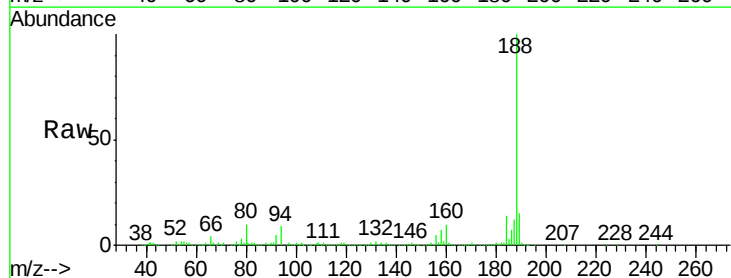
Instrument :
BNA_F
ClientSampleId :
TP-13-S

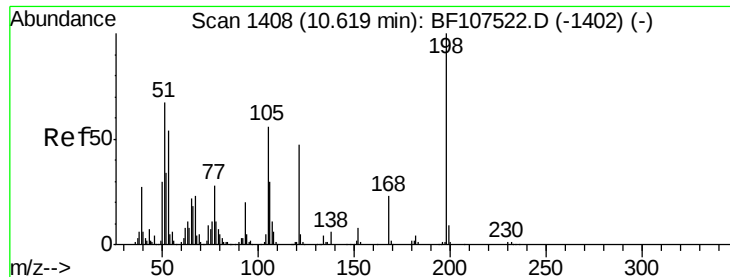
Tgt Ion:165 Resp: 34989
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.6 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107751.D
Acq: 27 Jul 2018 17:40

Tgt Ion:188 Resp: 458197
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 10.2 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 8.859 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107751.D

Acq: 27 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

TP-13-S

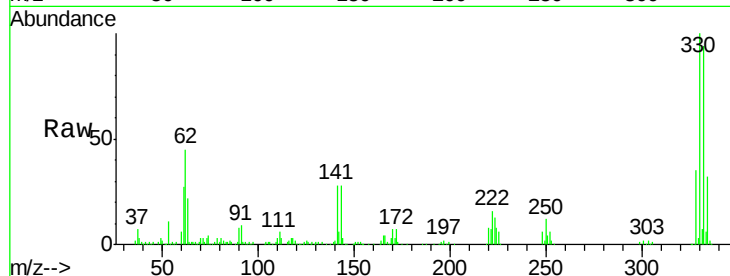
Tgt Ion:198 Resp: 481

Ion Ratio Lower Upper

198 100

51 226.4 37.7 77.7#

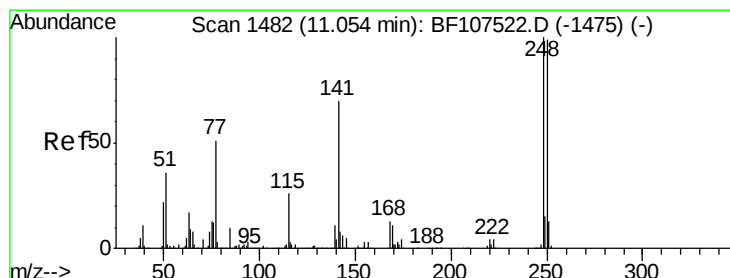
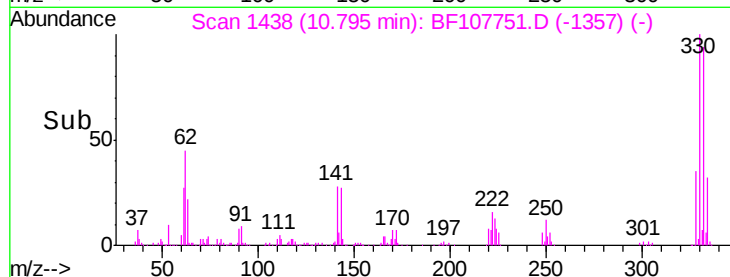
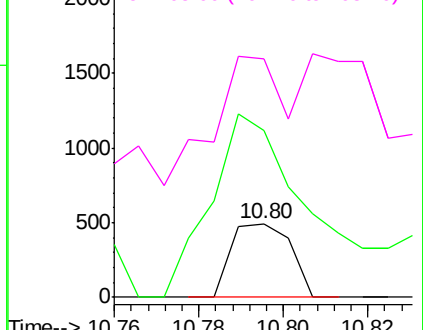
105 323.7 36.3 76.3#



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: 3.862 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.26 min

Lab File: BF107751.D

Acq: 27 Jul 2018 17:40

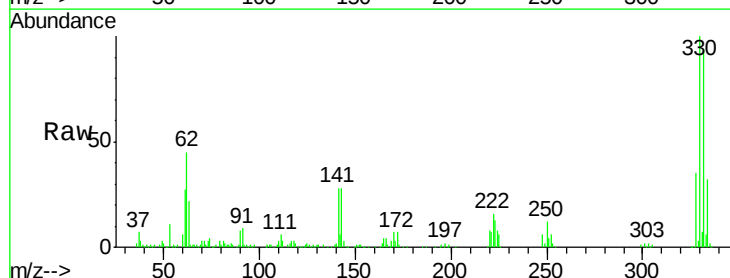
Tgt Ion:248 Resp: 20830

Ion Ratio Lower Upper

248 100

250 202.9 76.9 115.3#

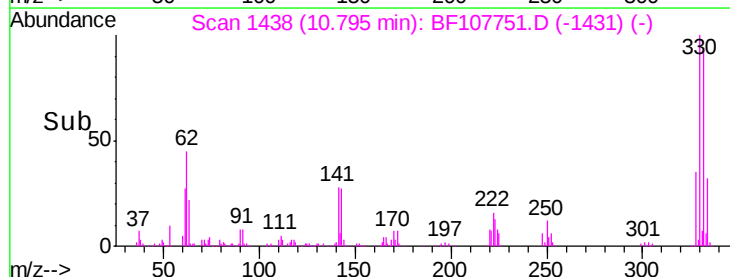
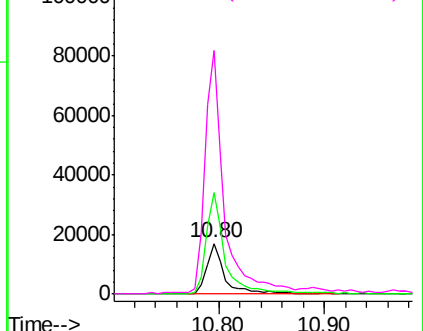
141 483.7 74.4 111.6#

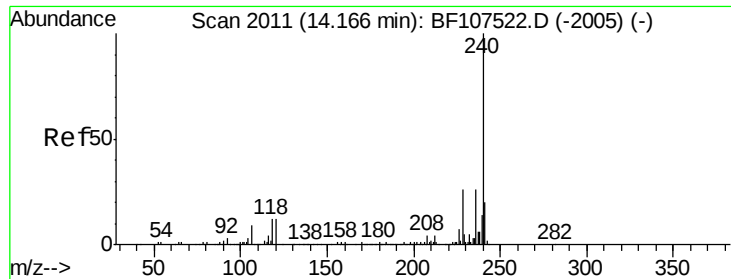


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107751.D

Acq: 27 Jul 2018 17:40

Instrument :

BNA_F

ClientSampleId :

TP-13-S

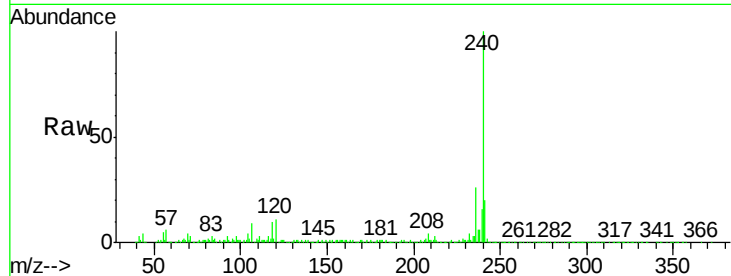
Tgt Ion:240 Resp: 377320

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

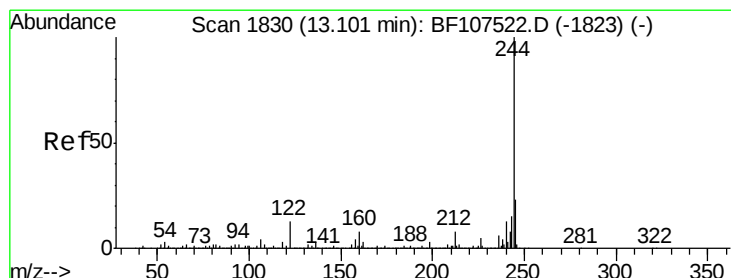
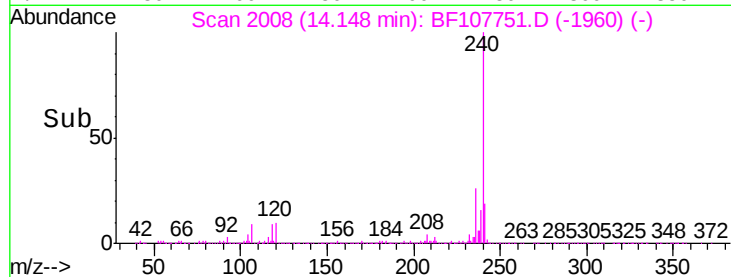
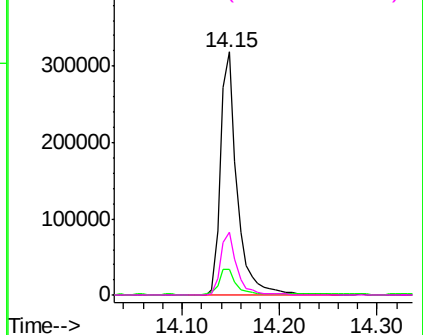
236 25.8 20.7 31.1



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: 77.965 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.02 min

Lab File: BF107751.D

Acq: 27 Jul 2018 17:40

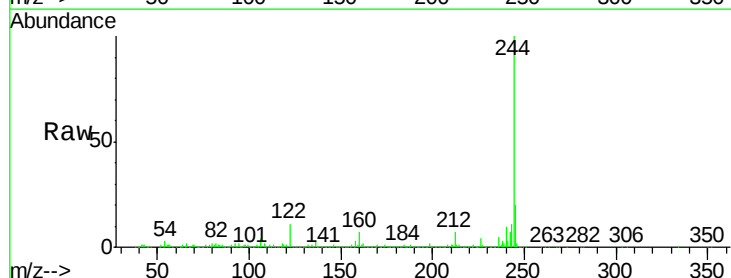
Tgt Ion:244 Resp: 1149083

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

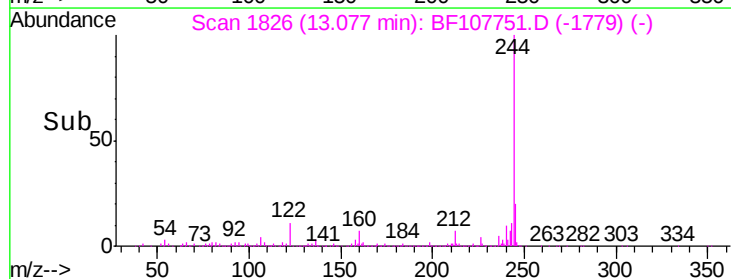
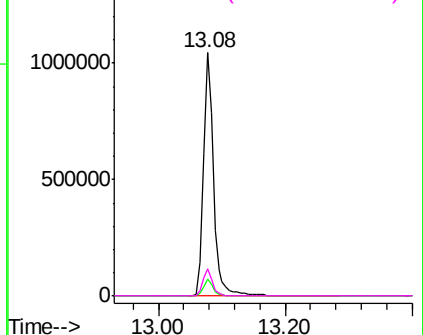
122 11.5 11.0 16.4

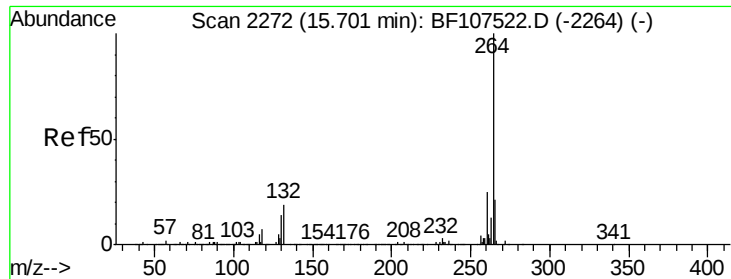


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107751.D
Acq: 27 Jul 2018 17:40

Instrument :
BNA_F
ClientSampleId :
TP-13-S

Tgt Ion: 264 Resp: 384439
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 22.2 17.5 26.3

