

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107574.D
 Acq On : 21 Jul 2018 14:14
 Operator : JU/SJ
 Sample : J4094-07
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071818-TIPC-E-D-M

Quant Time: Jul 23 03:29:16 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	345801	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1270649	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	487576	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	824267	20.00	ng	0.00
75) Chrysene-d12	14.16	240	752596	20.00	ng	0.00
86) Perylene-d12	15.69	264	587716	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	784193	36.46	ng	0.00
7) Phenol-d6	6.60	99	703428	27.24	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1800049	95.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	430105	77.57	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	2853149	107.69	ng	0.00
78) Terphenyl-d14	13.09	244	2137308	72.70	ng	0.00

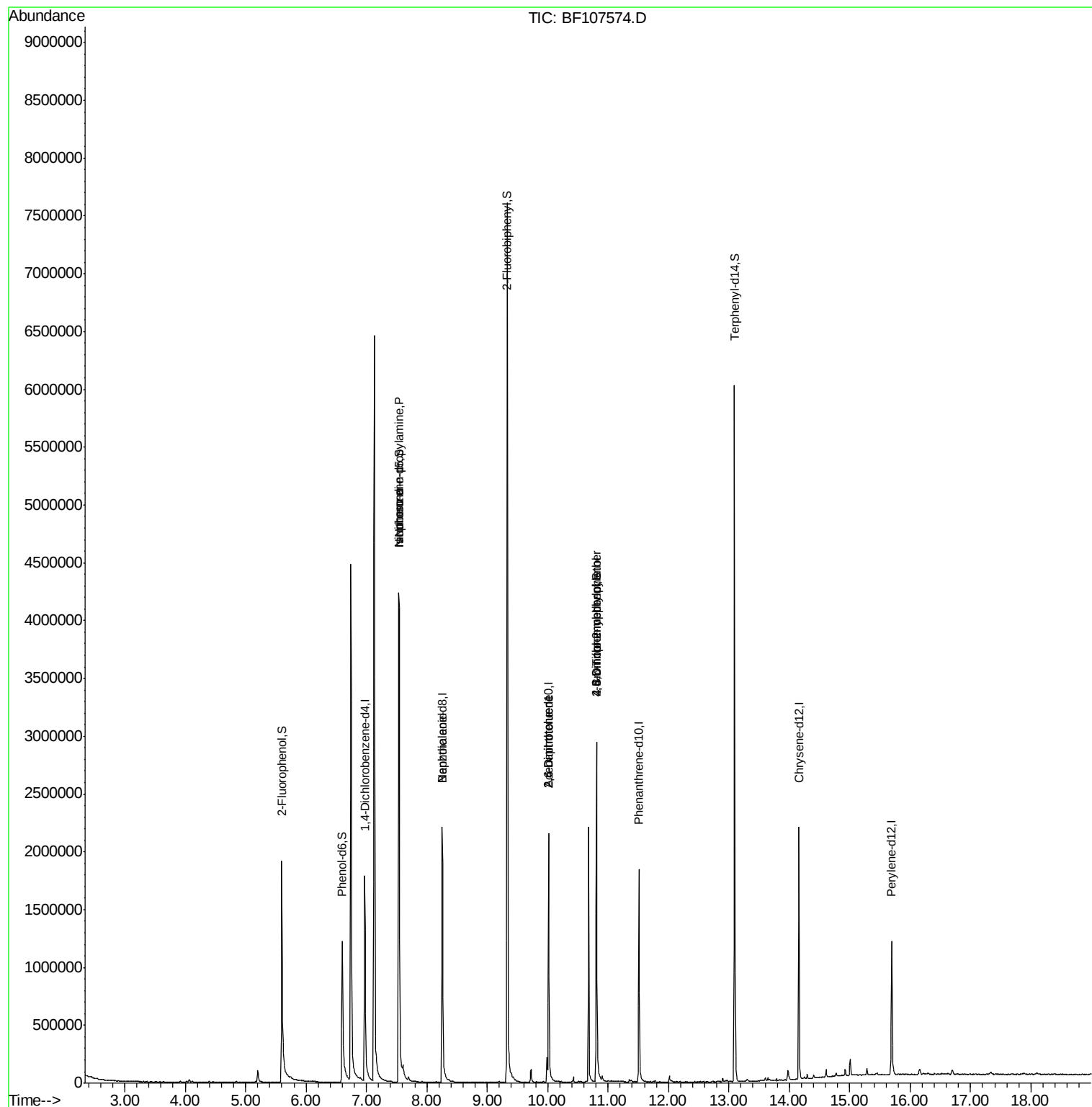
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	29911	Below Cal		85
19) n-Nitroso-di-n-propylamine	7.54	70	242434	14.531	ng	# 82
25) Isophorone	7.54	82	1800039	44.776	ng	# 64
32) Benzoic acid	8.25	122	384	7.926	ng	# 1
50) 2,6-Dinitrotoluene	10.01	165	62989	8.634	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	63307	7.189	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.81	198	783	8.842	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	25328	2.610	ng	# 1
73) Di-n-butylphthalate	12.05	149	2182	Below Cal		# 78

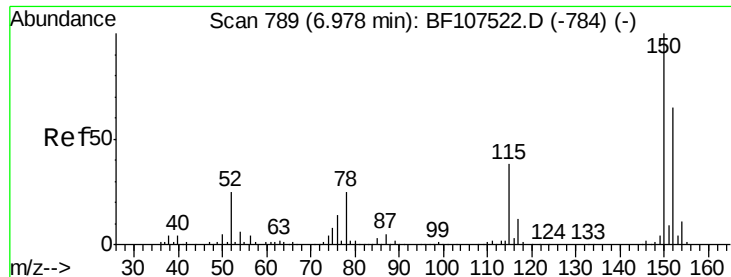
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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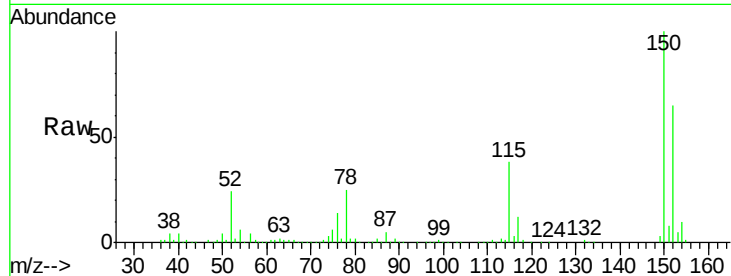


#1

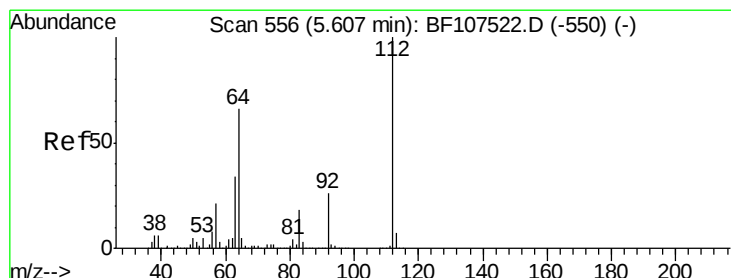
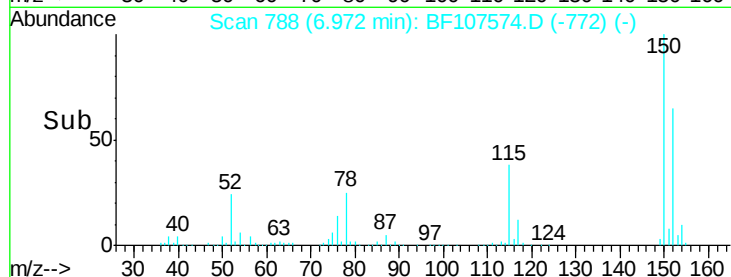
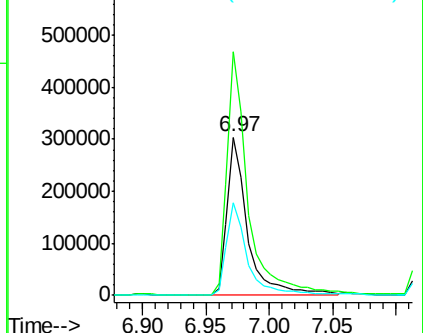
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107574.D
Acq: 21 Jul 2018 14:14

Instrument :
BNA_F
ClientSampleId :
071818-TIPC-E-D-M

Tgt Ion:152 Resp: 345801
Ion Ratio Lower Upper
152 100
150 154.1 124.6 186.8
115 58.8 50.1 75.1



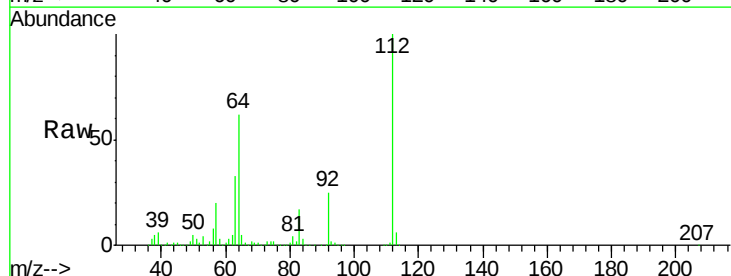
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



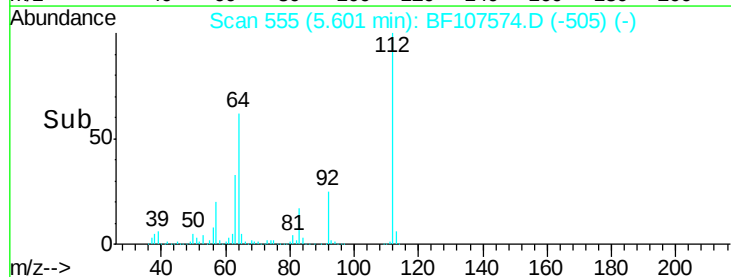
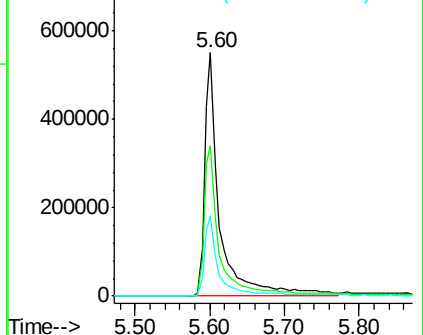
#5

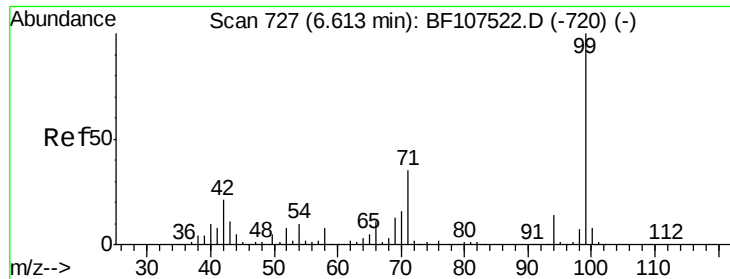
2-Fluorophenol
Concen: 36.461 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107574.D
Acq: 21 Jul 2018 14:14

Tgt Ion:112 Resp: 784193
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 32.5 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: 27.238 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-D-M

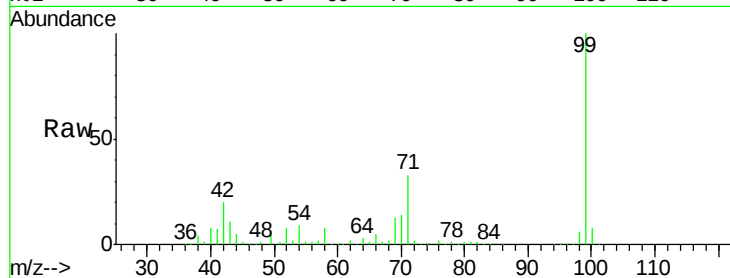
Tgt Ion: 99 Resp: 703428

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

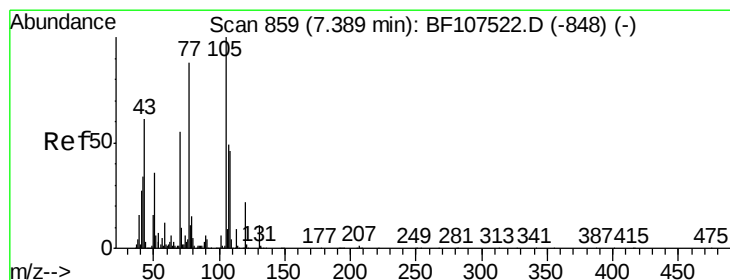
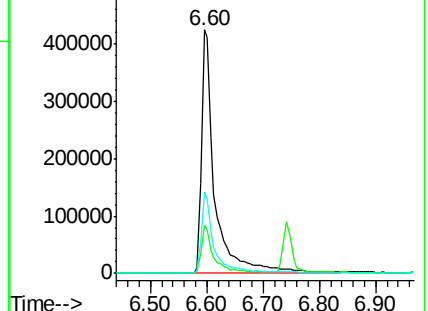
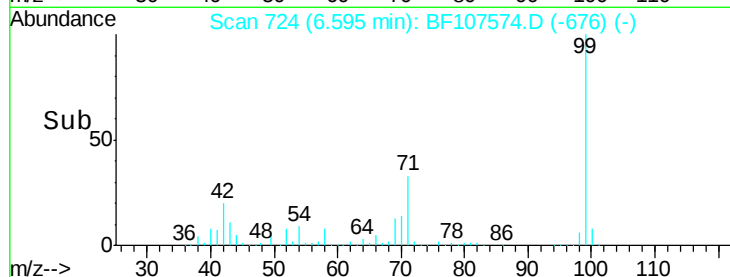
71 33.2 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.531 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

Tgt Ion: 70 Resp: 242434

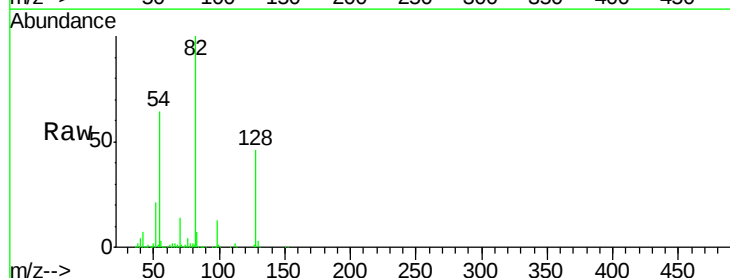
Ion Ratio Lower Upper

70 100

42 52.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

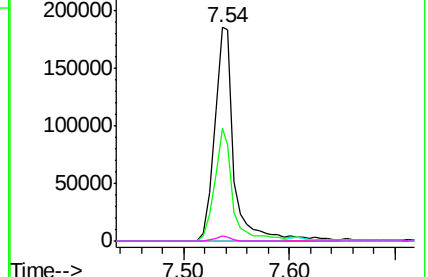
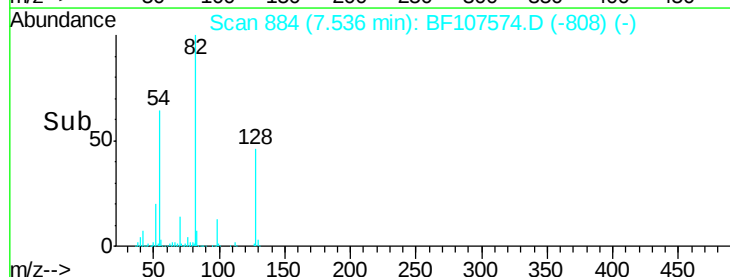


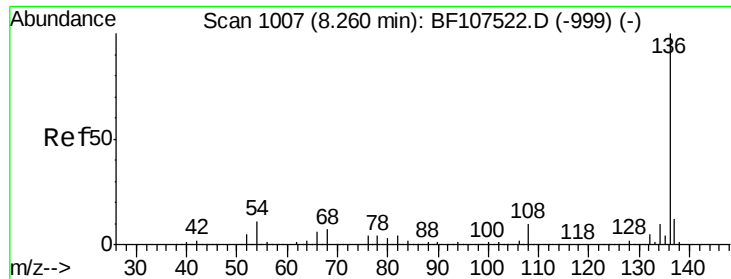
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

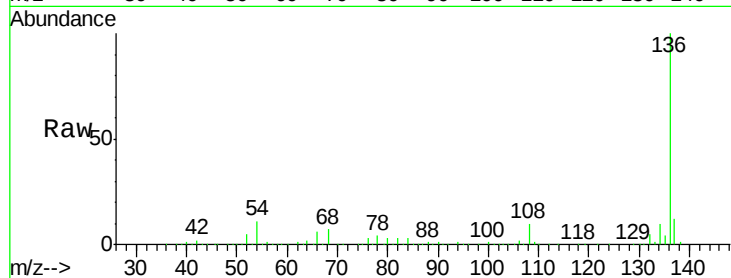




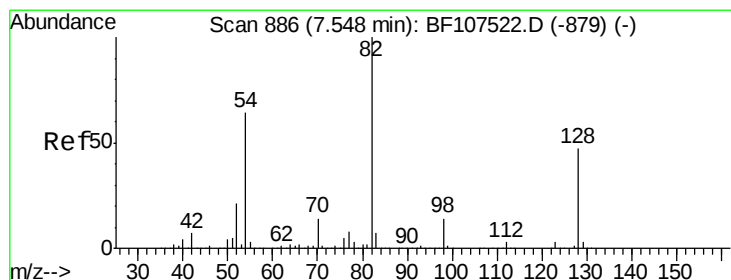
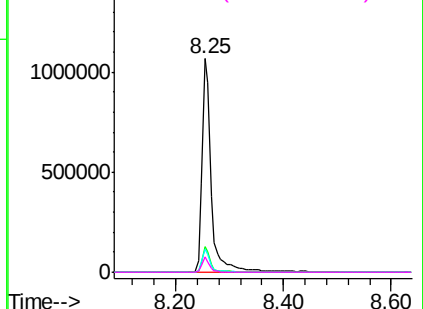
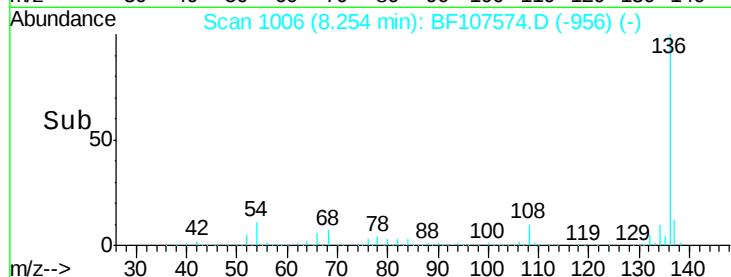
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF107574.D
Acq: 21 Jul 2018 14:14

Instrument :
BNA_F
ClientSampleId :
071818-TIPC-E-D-M

Tgt Ion:136 Resp: 1270649
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 10.6 6.6 9.8#
68 6.9 5.0 7.4

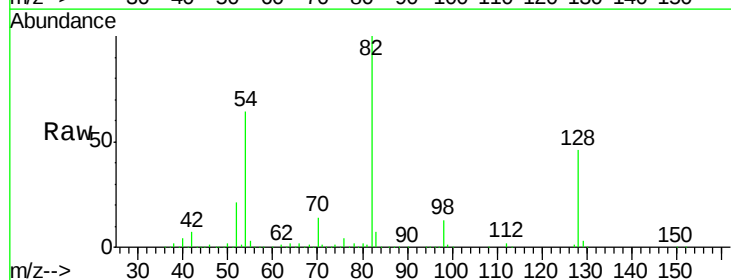


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

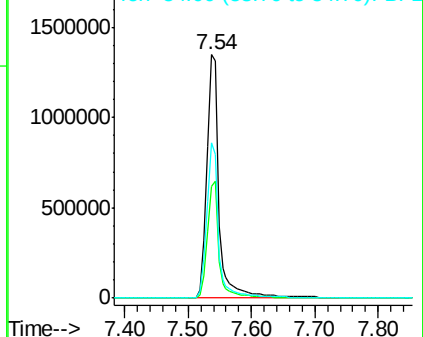
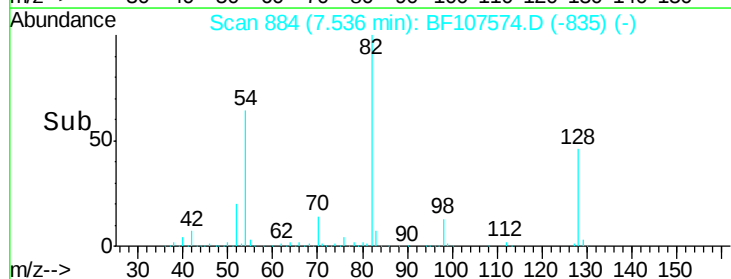


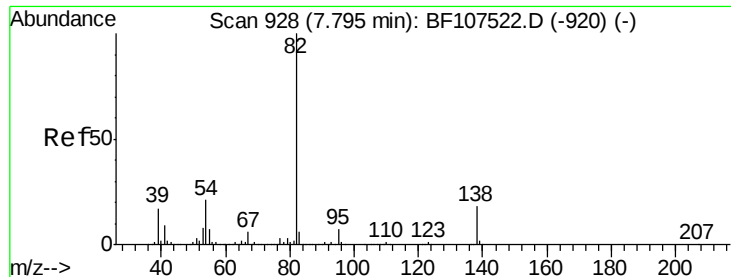
#23
Nitrobenzene-d5
Concen: 95.606 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107574.D
Acq: 21 Jul 2018 14:14

Tgt Ion: 82 Resp: 1800049
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 63.8 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: 44.776 ng

RT: 7.54 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-D-M

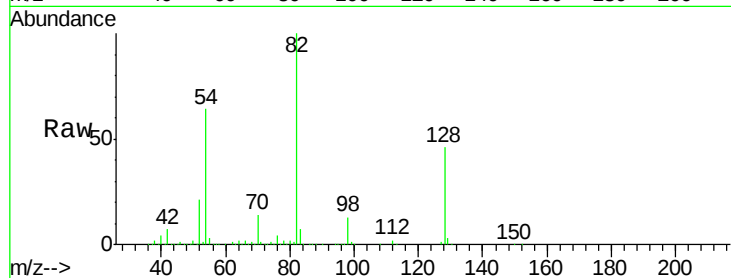
Tgt Ion: 82 Resp: 1800039

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

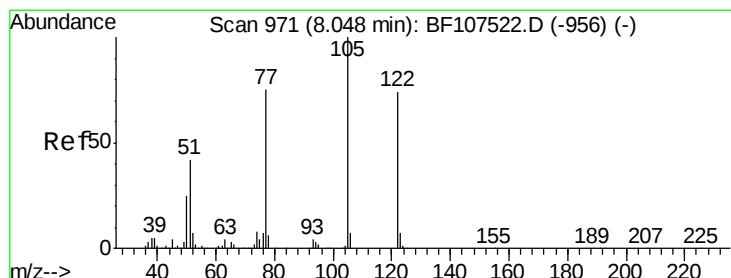
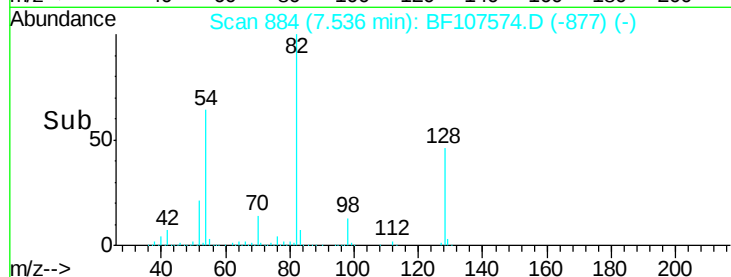
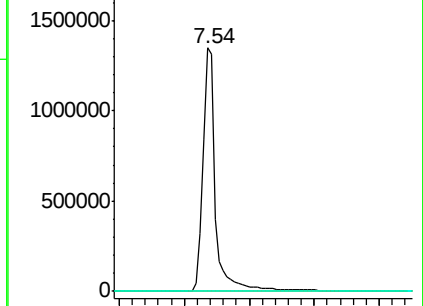
138 0.0 14.9 22.3#



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: 7.926 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.21 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

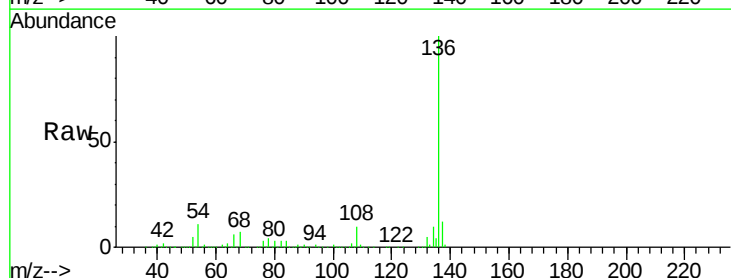
Tgt Ion: 122 Resp: 384

Ion Ratio Lower Upper

122 100

105 191.2 101.1 141.1#

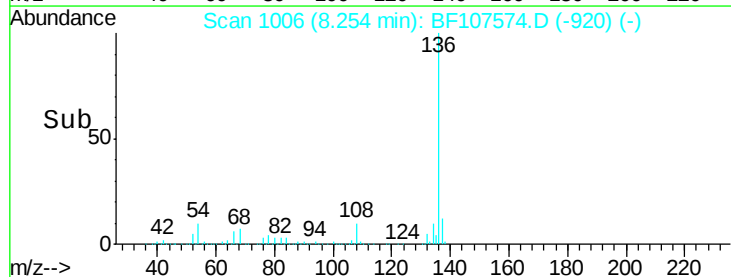
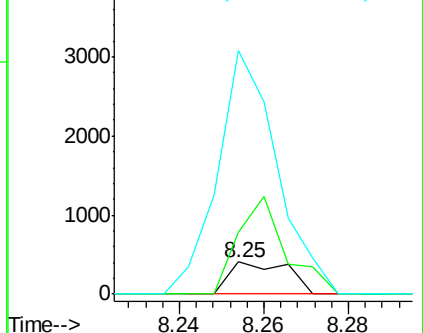
77 753.1 70.7 110.7#

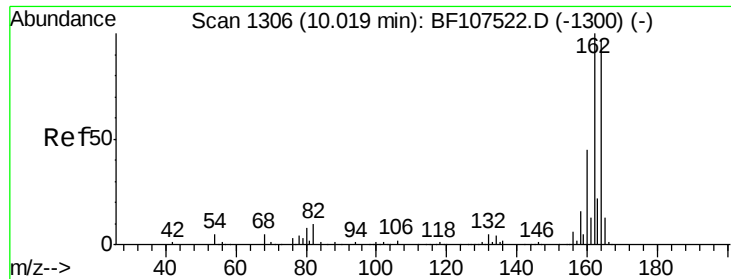


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

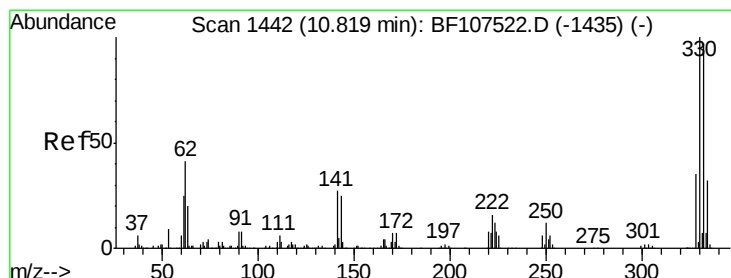
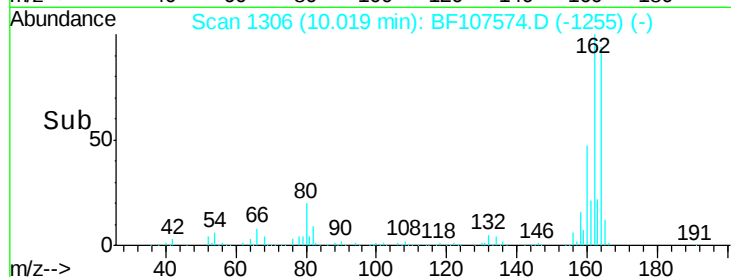
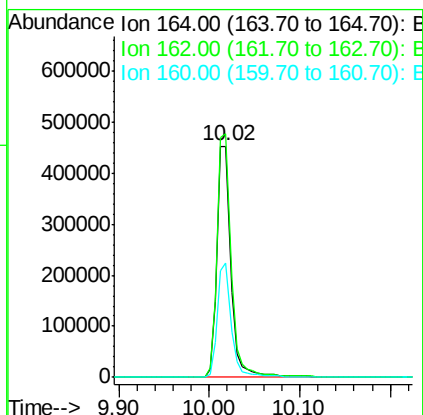
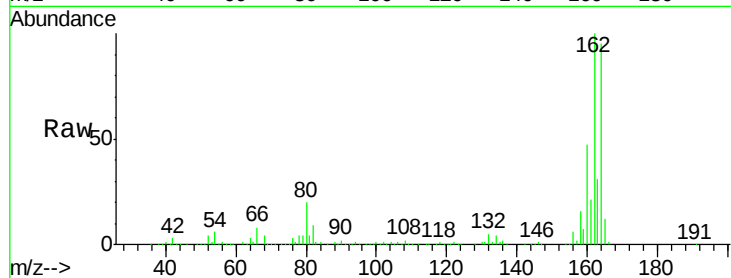




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF107574.D
 Acq: 21 Jul 2018 14:14

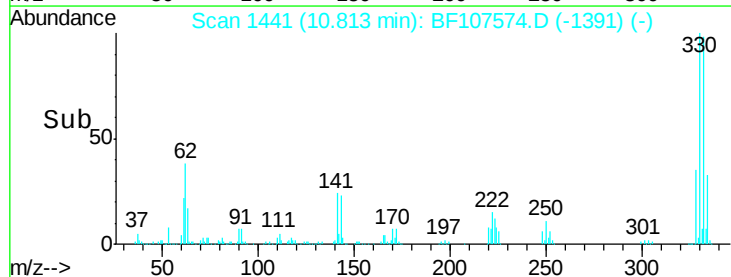
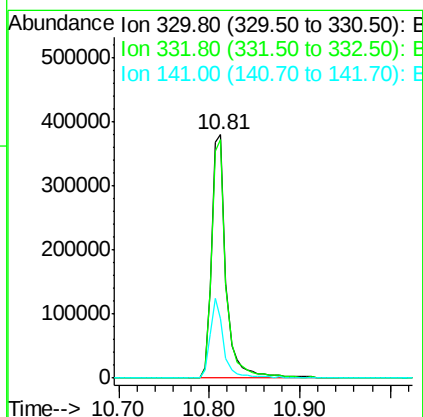
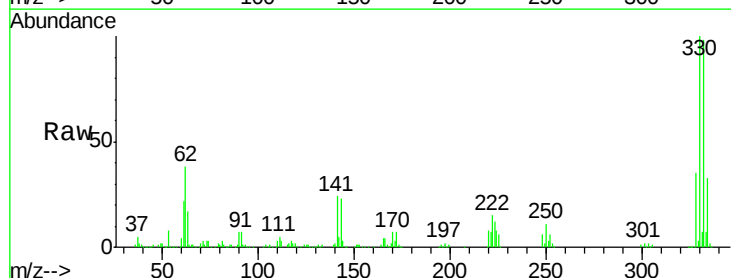
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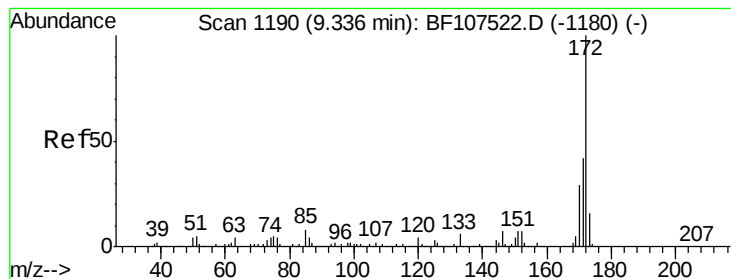
Tgt Ion:164 Resp: 487576
 Ion Ratio Lower Upper
 164 100
 162 105.3 86.1 129.1
 160 49.7 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 77.573 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF107574.D
 Acq: 21 Jul 2018 14:14

Tgt Ion:330 Resp: 430105
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 30.5 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 107.693 ng

RT: 9.33 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-D-M

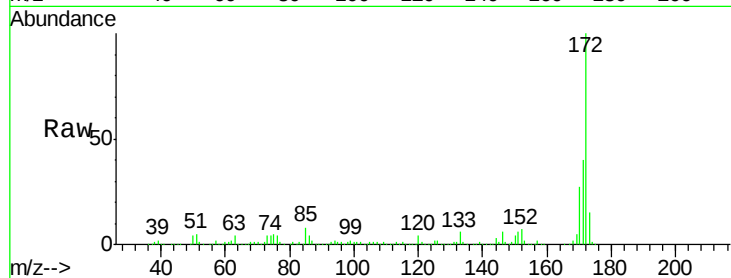
Tgt Ion:172 Resp: 2853149

Ion Ratio Lower Upper

172 100

171 39.9 29.7 44.5

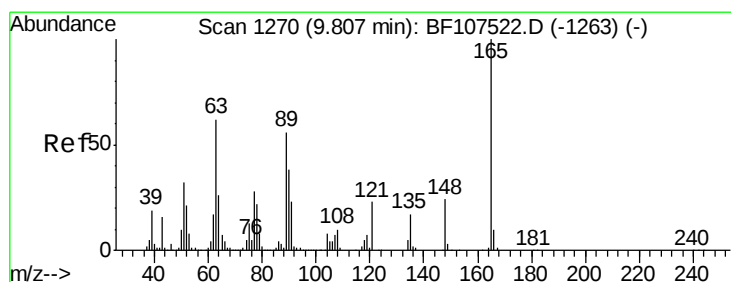
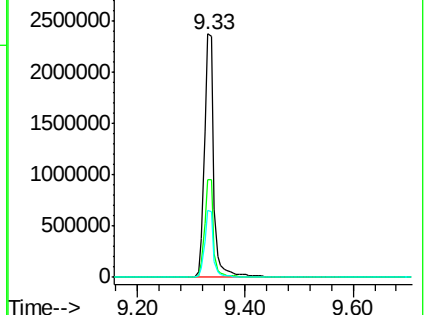
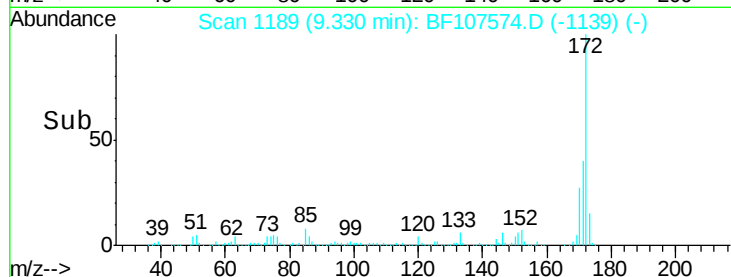
170 27.4 19.6 29.4



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



#50

2,6-Dinitrotoluene

Concen: 8.634 ng

RT: 10.01 min Scan# 1305

Delta R.T. 0.21 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

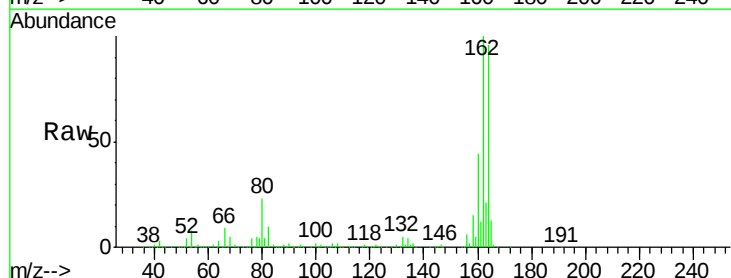
Tgt Ion:165 Resp: 62989

Ion Ratio Lower Upper

165 100

63 1.1 44.7 67.1#

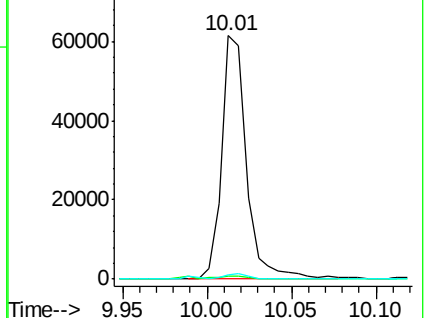
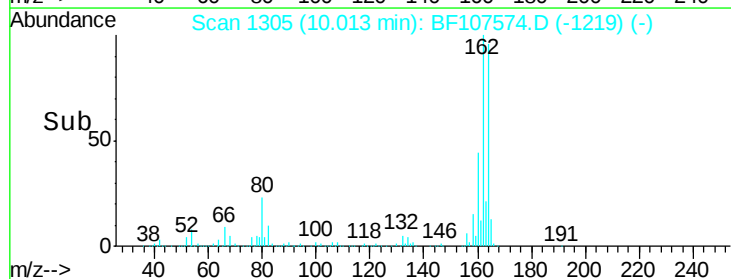
89 1.9 44.0 66.0#

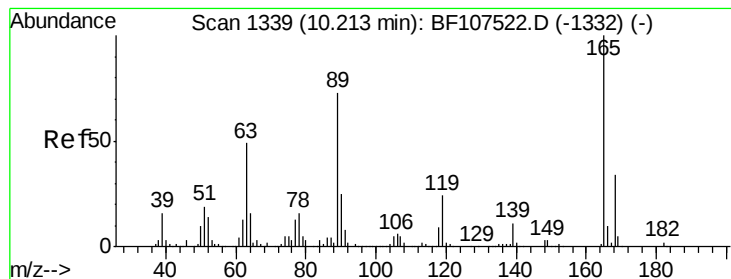


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#56

2,4-Dinitrotoluene

Concen: 7.189 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.20 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

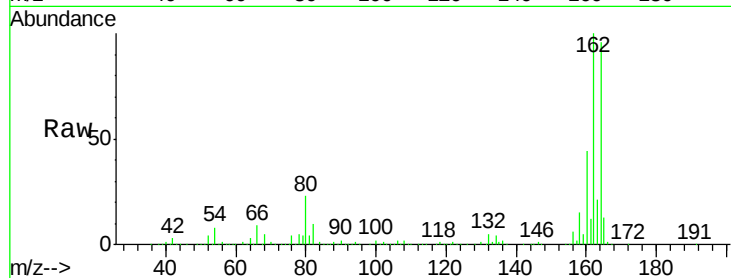
Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-D-M

Tgt Ion:	165	Resp:	63307
Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

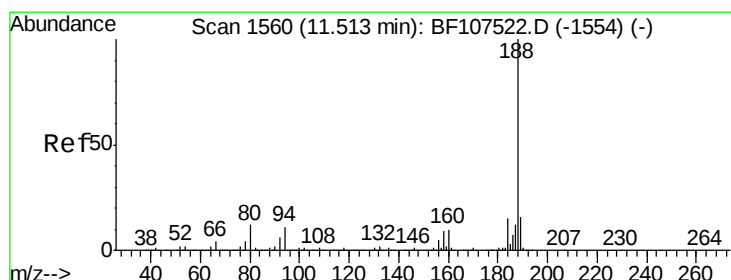
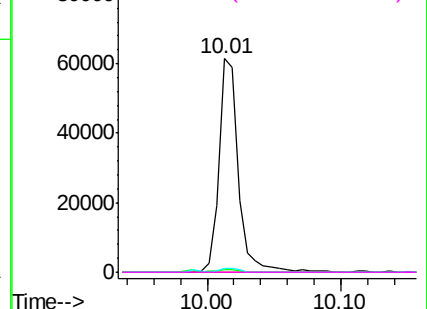
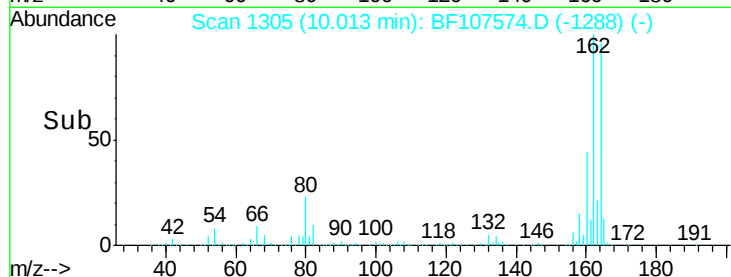


Abundance Ion 165.00 (164.70 to 165.70): E

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

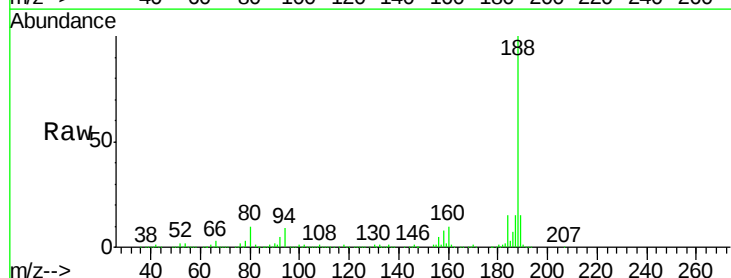
RT: 11.51 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

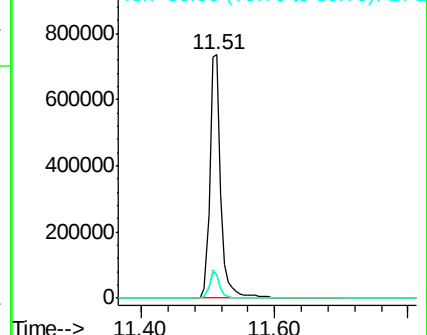
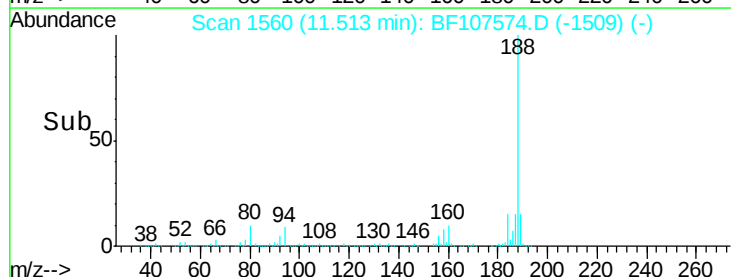
Tgt Ion:	188	Resp:	824267
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8

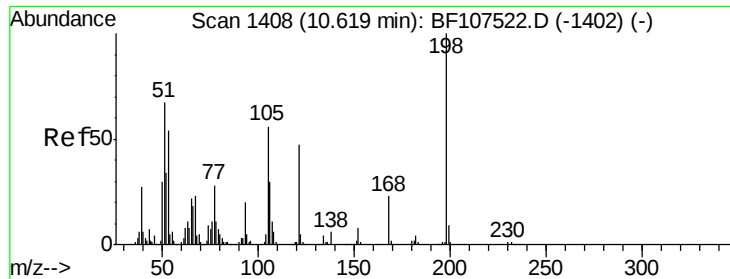


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

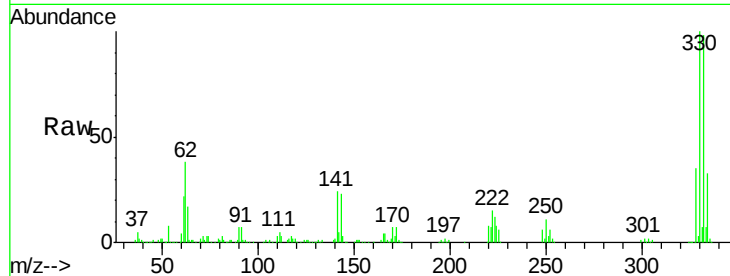




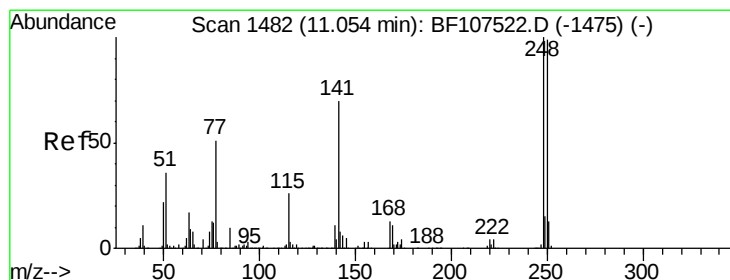
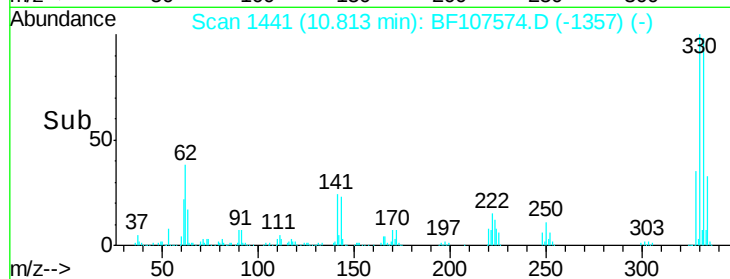
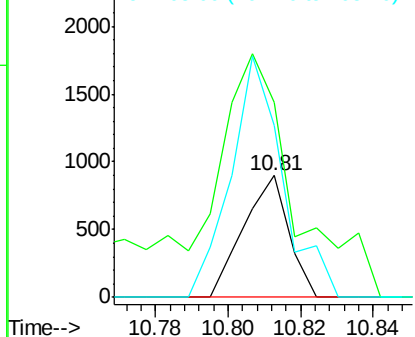
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.842 ng
 RT: 10.81 min Scan# 1441
 Delta R.T. 0.19 min
 Lab File: BF107574.D
 Acq: 21 Jul 2018 14:14

Instrument :
 BNA_F
 ClientSampleId :
 071818-TIPC-E-D-M

Tgt Ion:198 Resp: 783
 Ion Ratio Lower Upper
 198 100
 51 159.6 37.7 77.7#
 105 141.0 36.3 76.3#

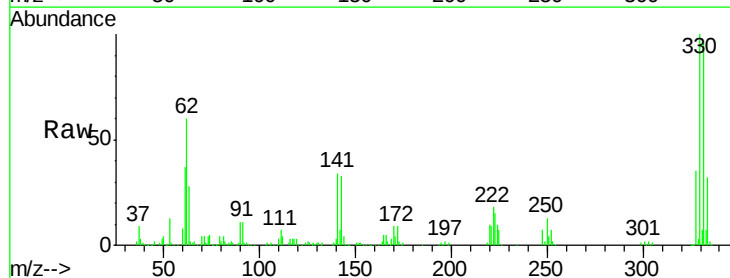


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

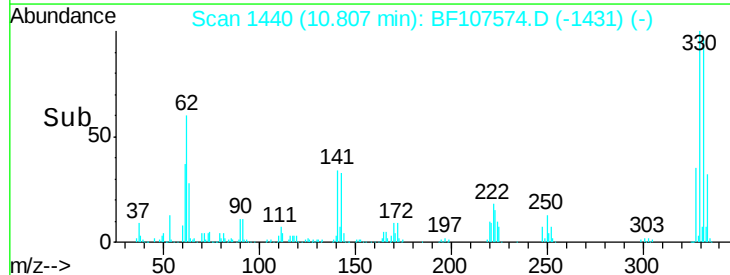
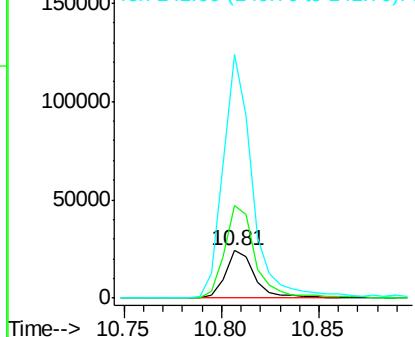


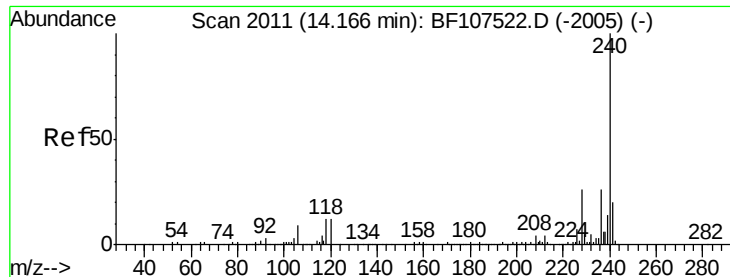
#66
 4-Bromophenyl-phenylether
 Concen: 2.610 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.25 min
 Lab File: BF107574.D
 Acq: 21 Jul 2018 14:14

Tgt Ion:248 Resp: 25328
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 511.7 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: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-D-M

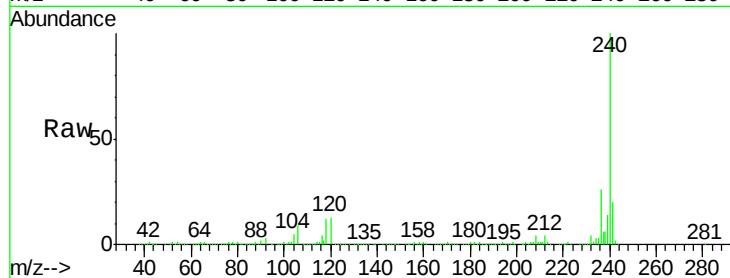
Tgt Ion:240 Resp: 752596

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

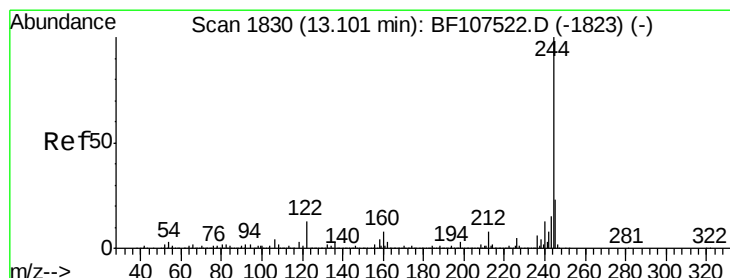
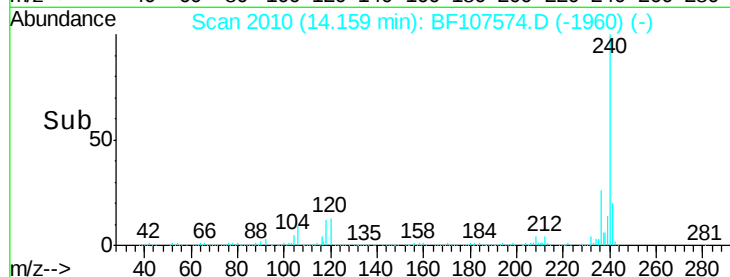
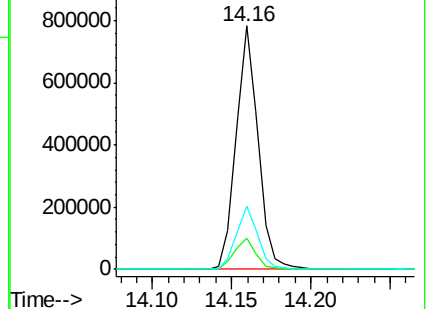
236 25.8 20.7 31.1



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: 72.704 ng

RT: 13.09 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

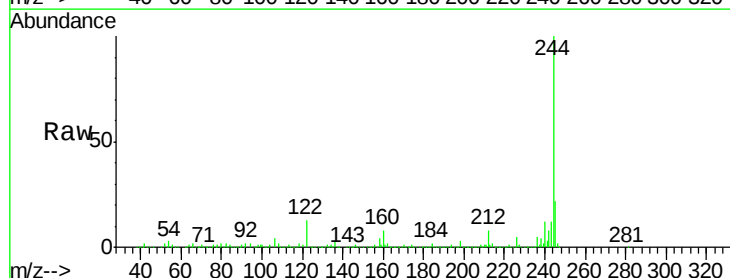
Tgt Ion:244 Resp: 2137308

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

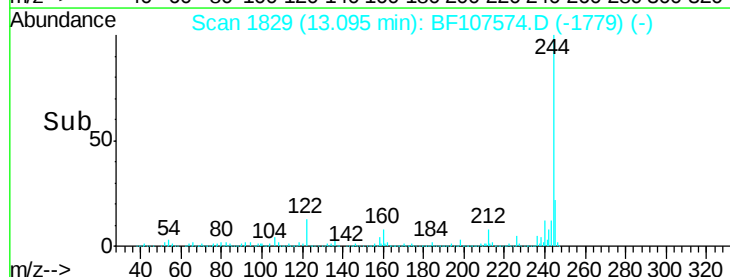
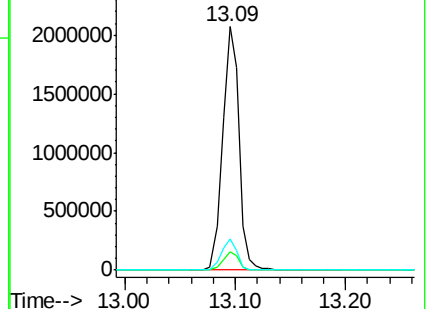
122 13.0 11.0 16.4

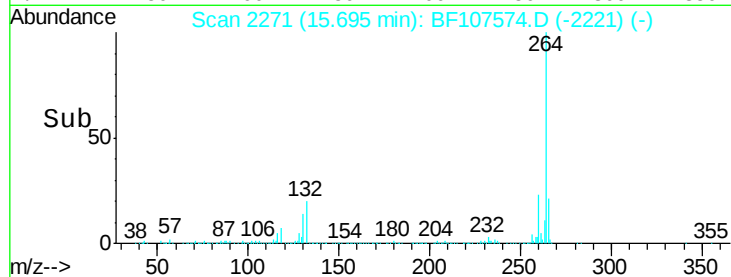
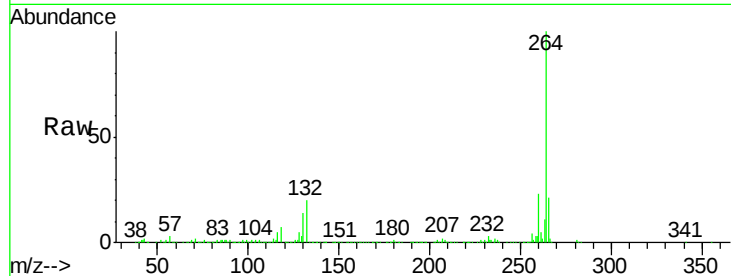
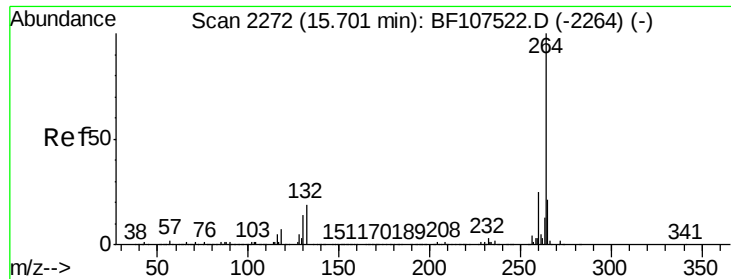


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.69 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF107574.D

Acq: 21 Jul 2018 14:14

Instrument :

BNA_F

ClientSampleId :

071818-TIPC-E-D-M

Tgt Ion:264 Resp: 587716

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.5 17.5 26.3

