

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107952.D
 Acq On : 3 Aug 2018 21:49
 Operator : JU/SJ
 Sample : J4318-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 03 23:00:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	108917	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	483520	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	201847	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	352032	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	344696	20.00	ng	-0.01
86) Perylene-d12	15.67	264	326973	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	739435	115.38	ng	0.00
7) Phenol-d6	6.60	99	986097	116.75	ng	0.00
23) Nitrobenzene-d5	7.52	82	606429	72.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	255951	93.32	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1255268	86.66	ng	-0.01
78) Terphenyl-d14	13.07	244	1079258	67.89	ng	-0.01

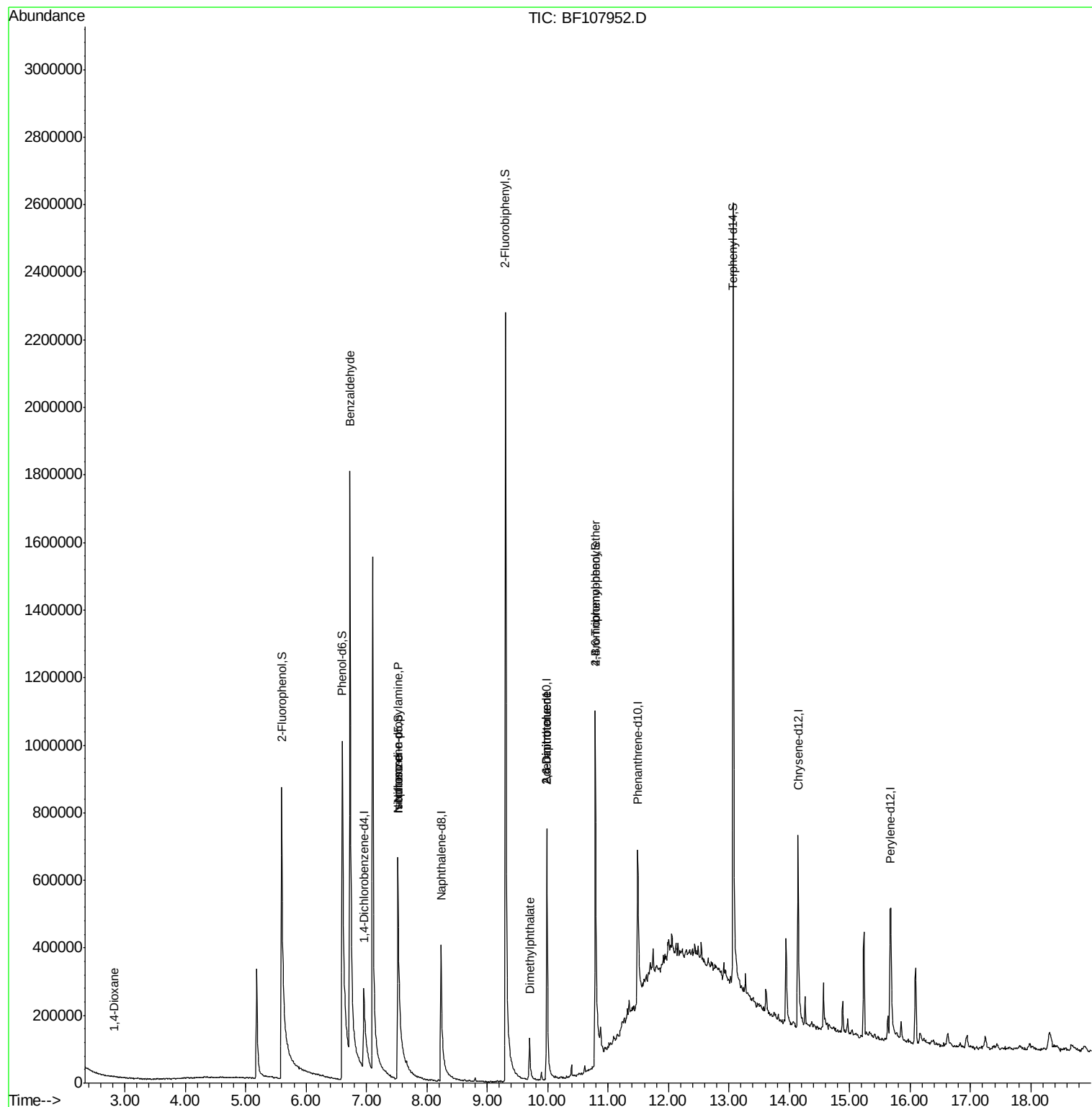
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	758	6.015	ng	# 1
9) Benzaldehyde	6.72	77	17142	3.364	ng	# 83
19) n-Nitroso-di-n-propylamine	7.52	70	70212	13.104	ng	# 82
25) Isophorone	7.52	82	606429	44.018	ng	# 64
49) Dimethylphthalate	9.70	163	88875	5.863	ng	# 99
50) 2,6-Dinitrotoluene	9.99	165	24519	7.443	ng	# 26
56) 2,4-Dinitrotoluene	9.99	165	24674	5.699	ng	# 24
66) 4-Bromophenyl-phenylether	10.79	248	14110	3.439	ng	# 1

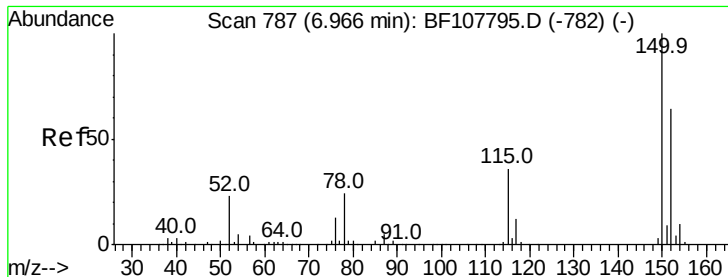
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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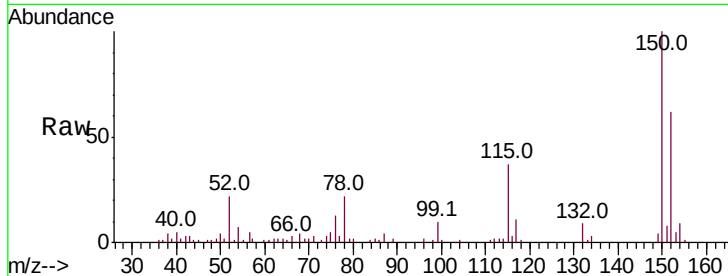


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107952.D
Acq: 3 Aug 2018 21:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	59.6	50.1	75.1

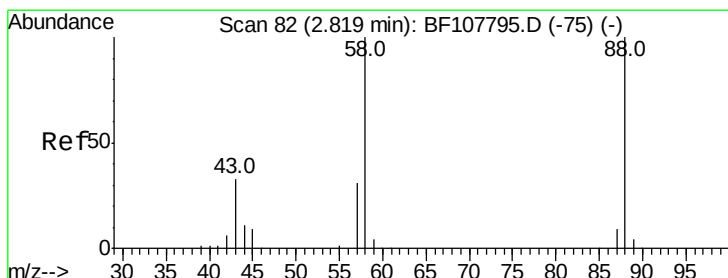
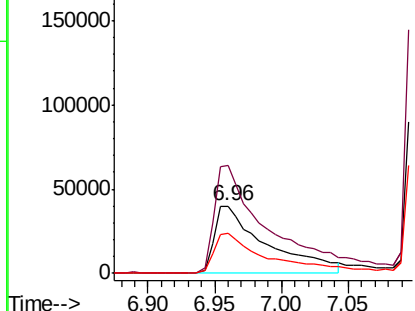
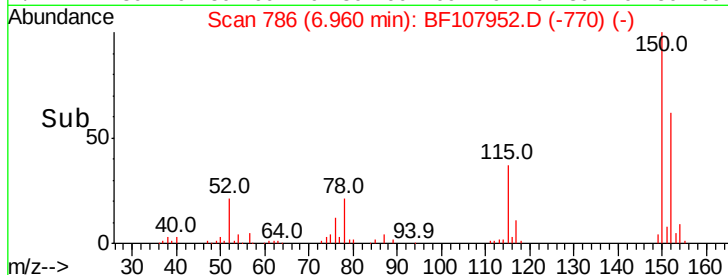


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

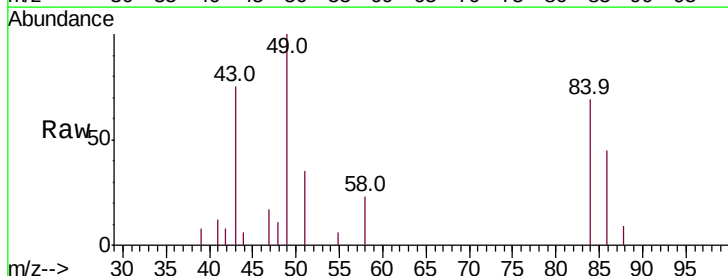
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 6.015 ng
RT: 2.82 min Scan# 82
Delta R.T. 0.00 min
Lab File: BF107952.D
Acq: 3 Aug 2018 21:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	62.6	93.8#
43	123.4	24.6	37.0#

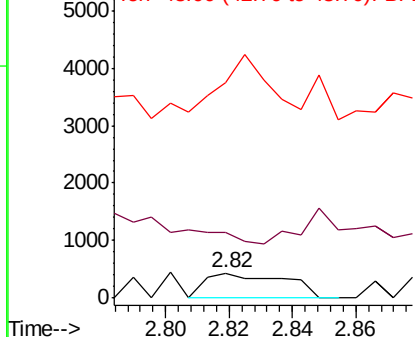
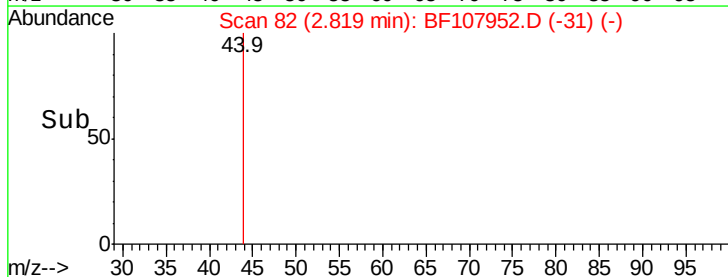


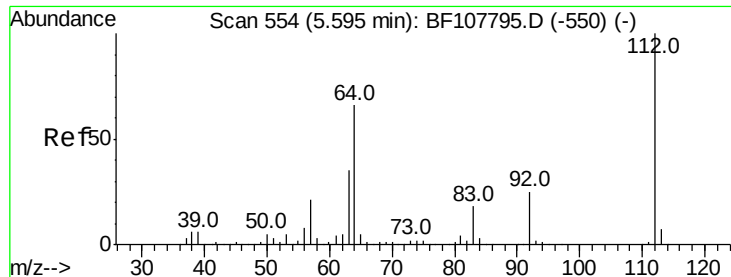
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

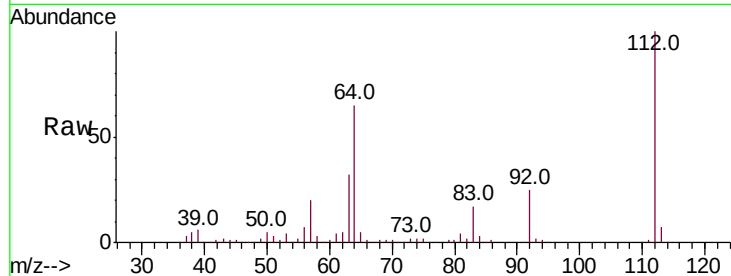




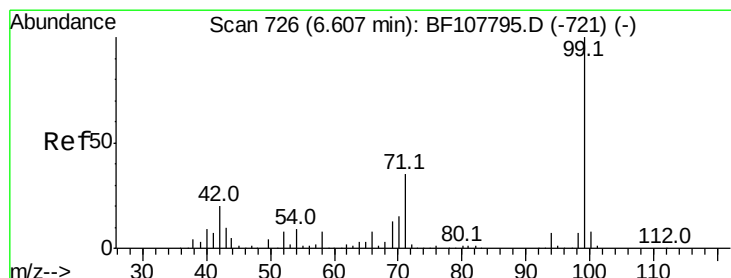
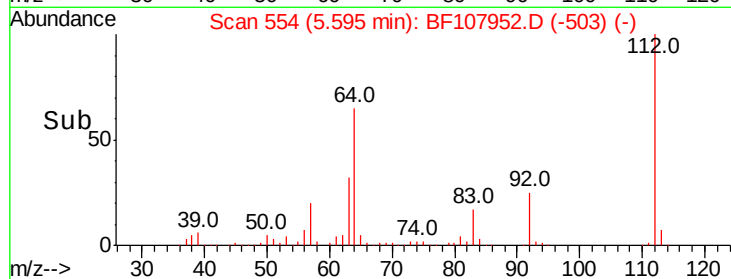
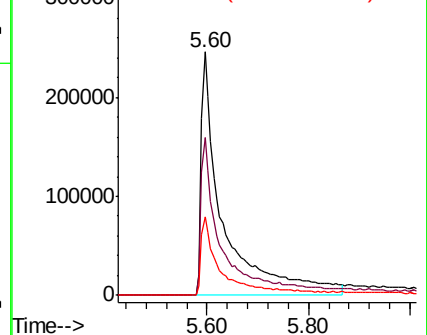
#5
2-Fluorophenol
Concen: 115.382 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107952.D
Acq: 3 Aug 2018 21:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
112	100		
64	64.6	47.9	71.9
63	32.3	23.7	35.5

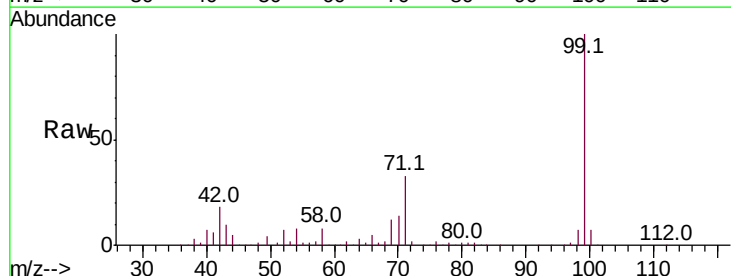


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

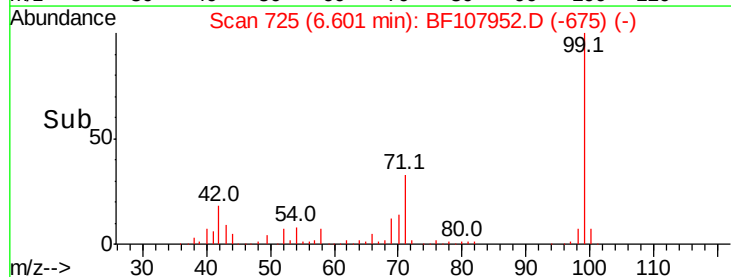
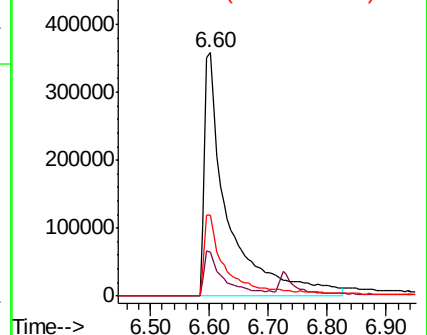


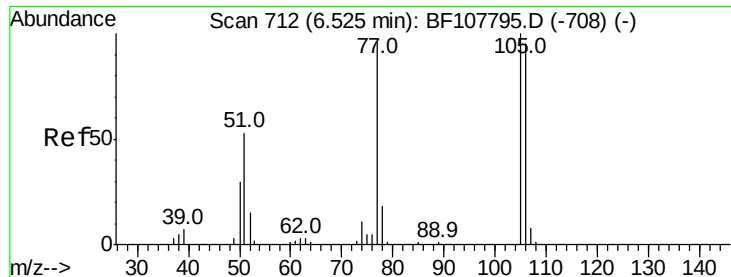
#7
Phenol-d6
Concen: 116.751 ng
RT: 6.60 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF107952.D
Acq: 3 Aug 2018 21:49

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.5	21.7
71	33.3	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





#9

Benzaldehyde

Concen: 3.364 ng

RT: 6.72 min Scan# 746

Delta R.T. 0.20 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

Instrument :

BNA_F

ClientSampleId :

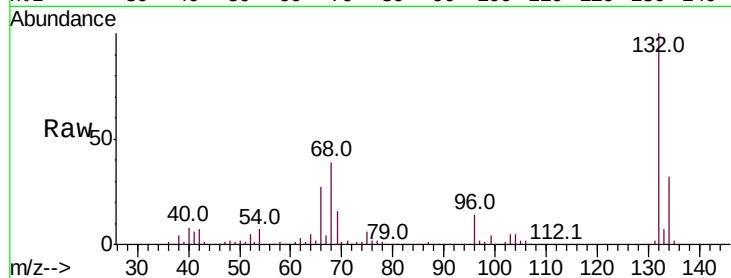
Tot Ion: 77 Resp: 17142

Ion Ratio Lower Upper

77 100

105 85.9 81.1 121.1

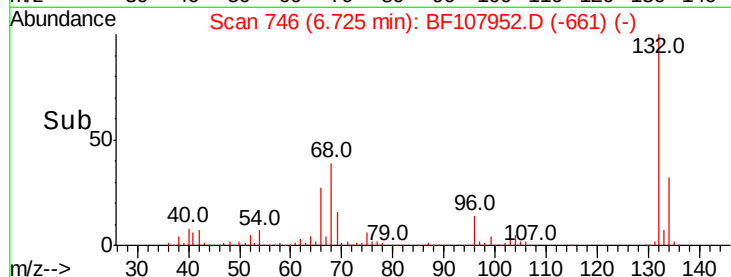
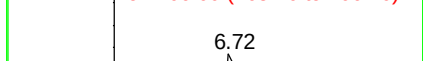
106 75.7 74.5 114.5



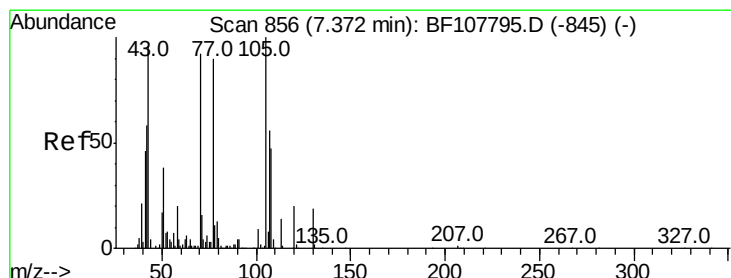
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 13.104 ng

RT: 7.52 min Scan# 881

Delta R.T. 0.15 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

Tgt Ion: 70 Resp: 70212

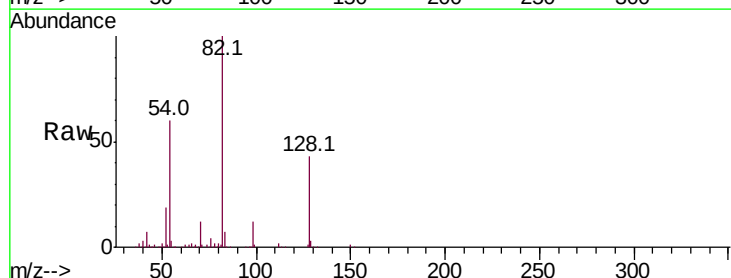
Ion Ratio Lower Upper

70 100

42 52.6 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

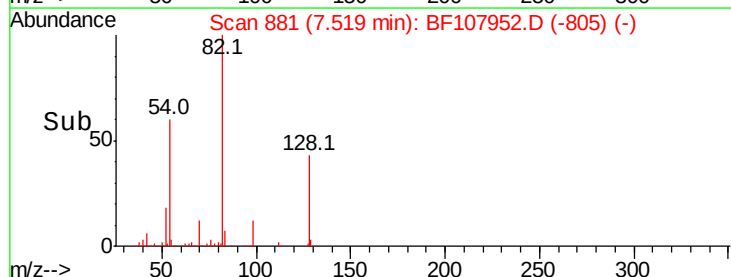
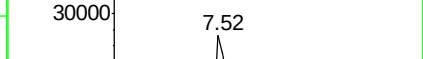


Abundance Ion 70.00 (69.70 to 70.70): BF1

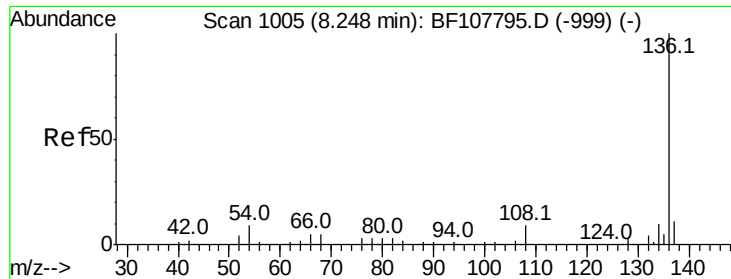
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



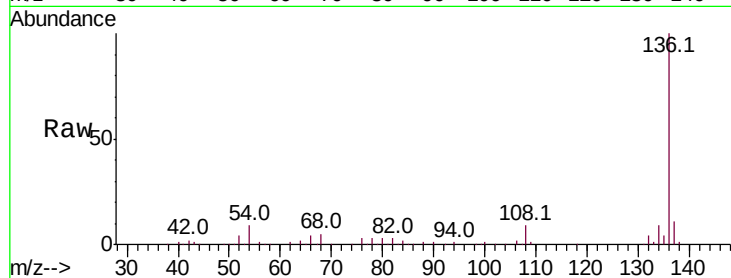
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF107952.D
Acq: 3 Aug 2018 21:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	483520
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.1	6.6	9.8
68	5.3	5.0	7.4



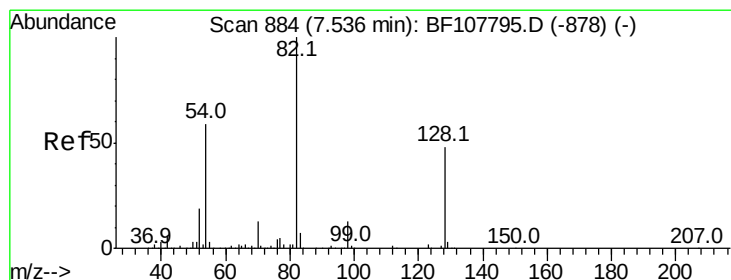
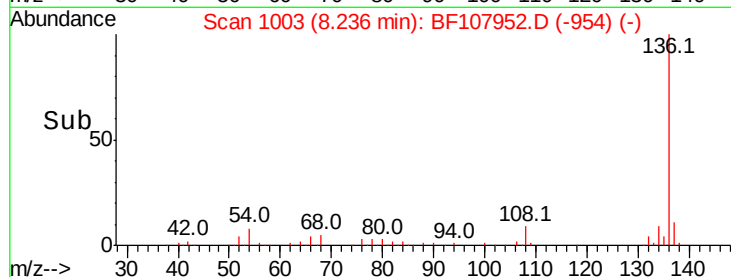
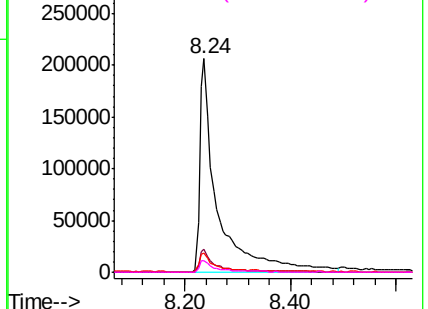
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

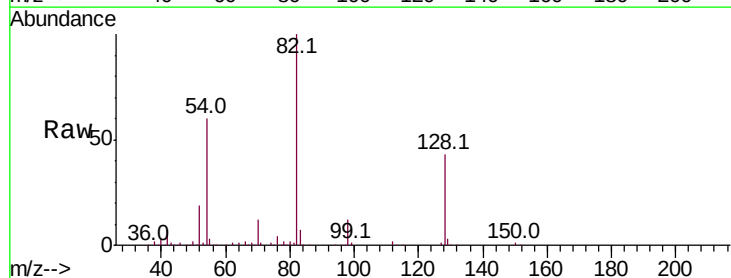
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23
Nitrobenzene-d5
Concen: 72.255 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107952.D
Acq: 3 Aug 2018 21:49

Tgt Ion:	82	Resp:	606429
Ion	Ratio	Lower	Upper
82	100		
128	42.8	36.1	54.1
54	60.3	41.4	62.2

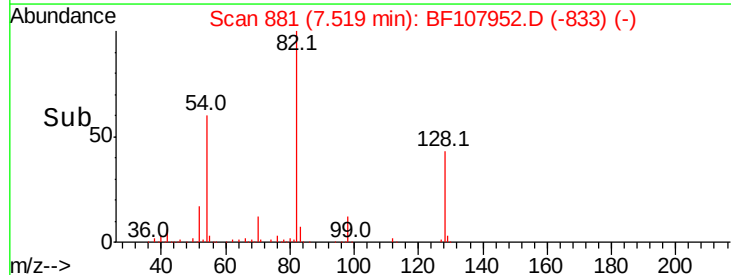
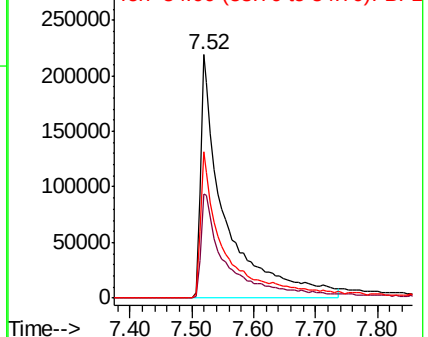


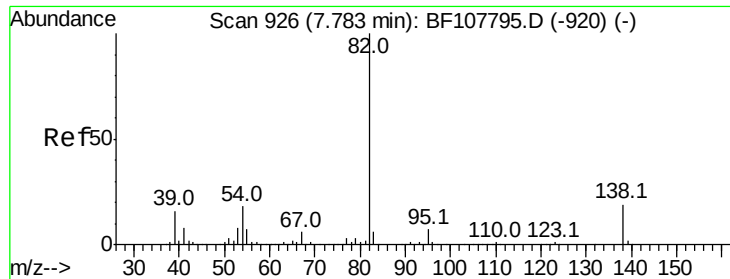
Abundance

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: 44.018 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

Instrument :

BNA_F

ClientSampled :

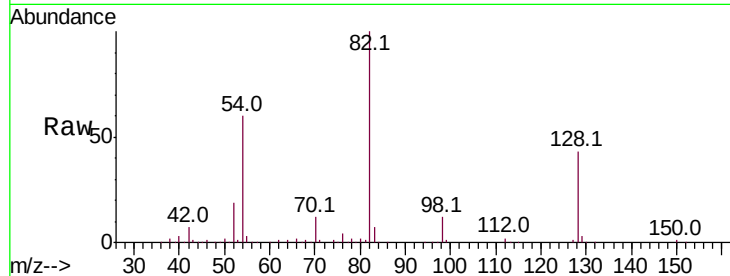
Tot Ion: 82 Resp: 606429

Ion Ratio Lower Upper

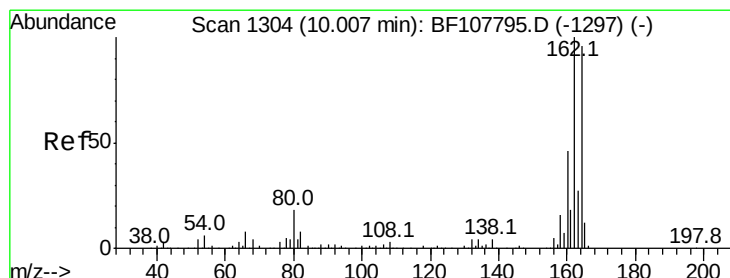
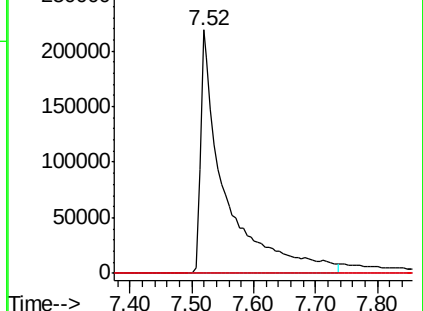
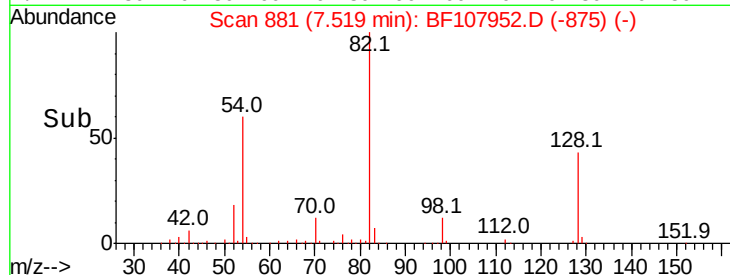
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

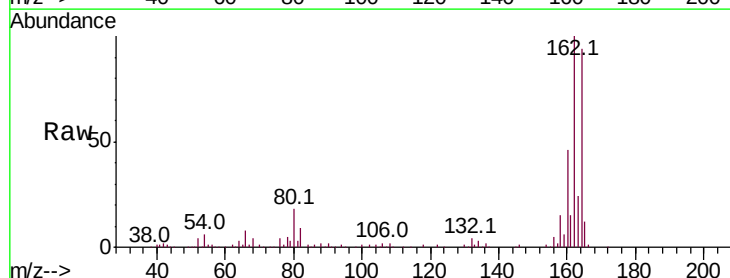
Tgt Ion:164 Resp: 201847

Ion Ratio Lower Upper

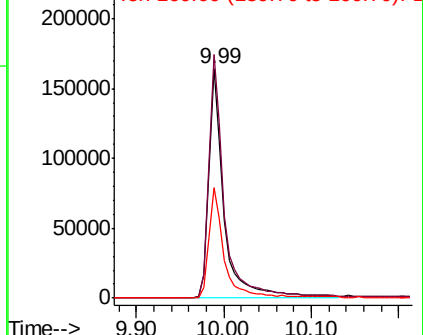
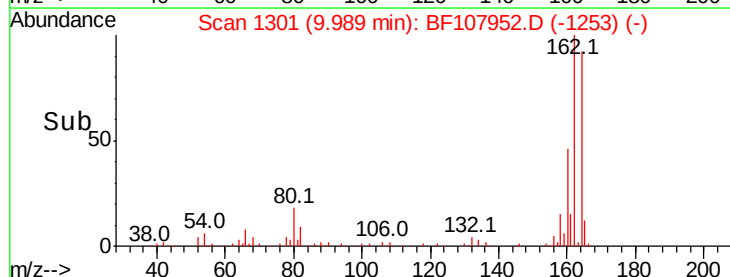
164 100

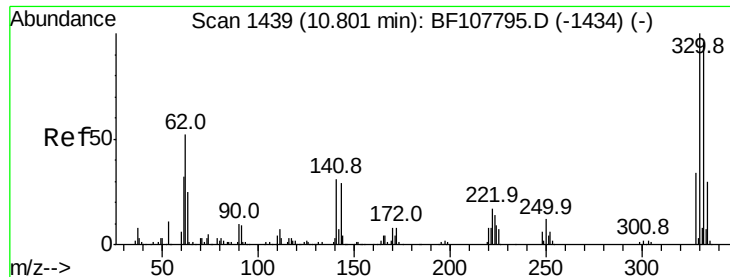
162 106.2 86.1 129.1

160 48.5 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

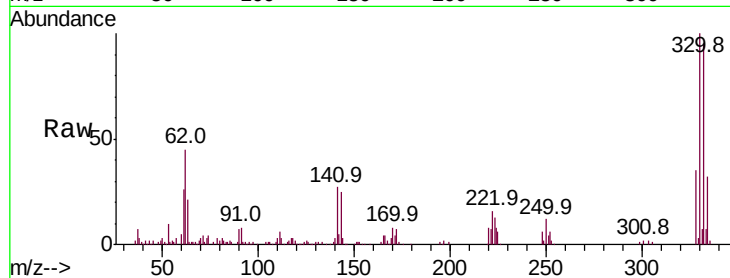




#41
 2,4,6-Tribromophenol
 Concen: 93.321 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107952.D
 Acq: 3 Aug 2018 21:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	28.6	29.9	44.9#

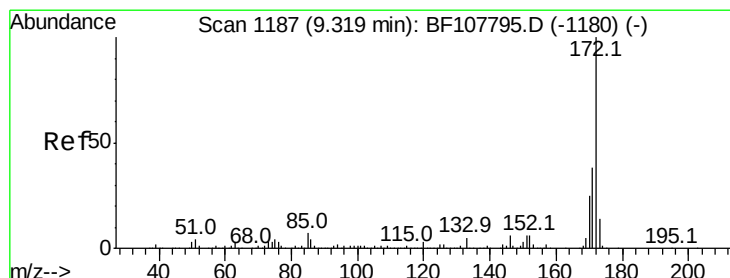
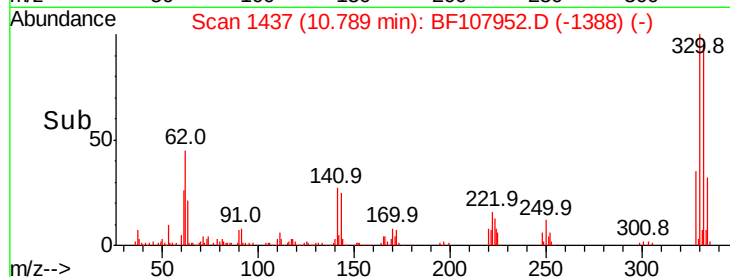
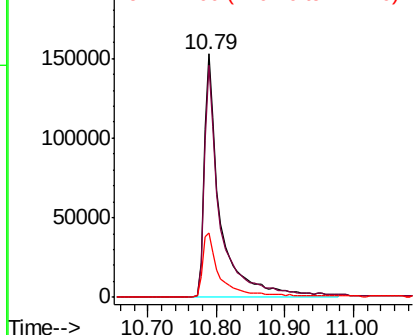


Abundance

Ion 329.80 (329.50 to 330.50): E

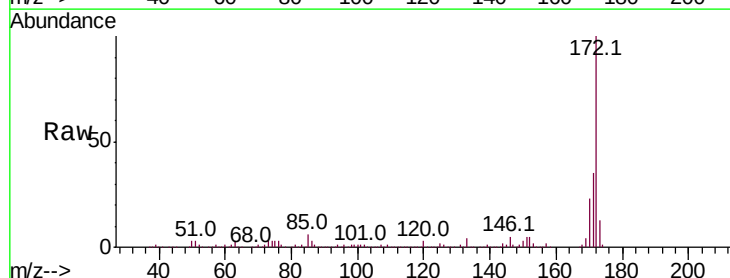
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.660 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107952.D
 Acq: 3 Aug 2018 21:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4

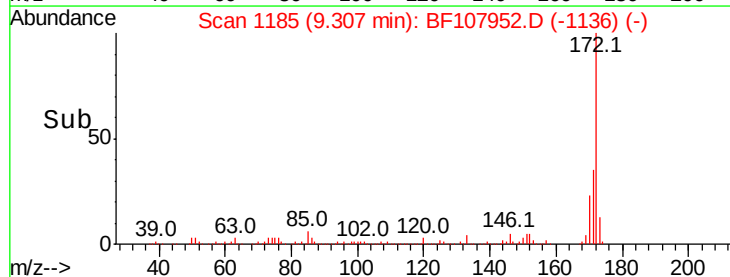
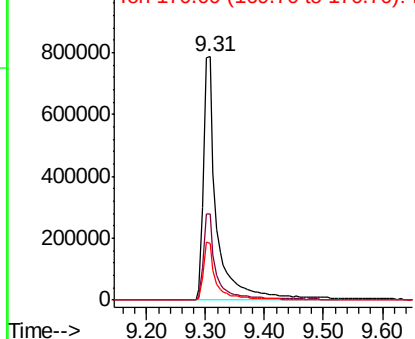


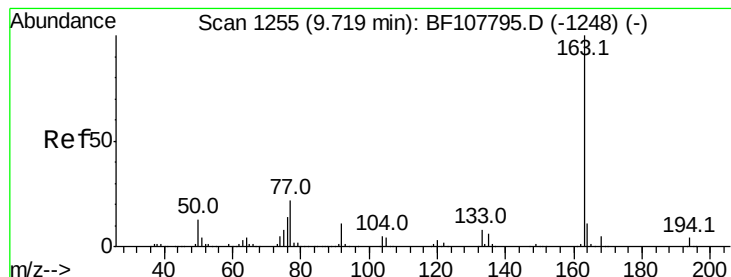
Abundance

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





#49

Dimethylphthalate

Concen: 5.863 ng

RT: 9.70 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

Instrument :

BNA_F

ClientSampleId :

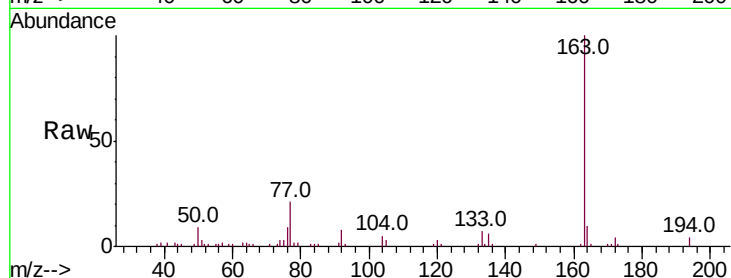
Tot Ion:163 Resp: 88875

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

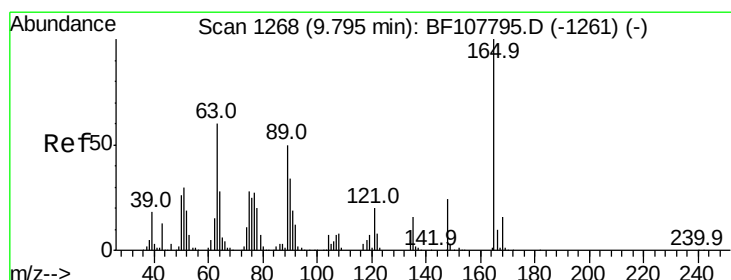
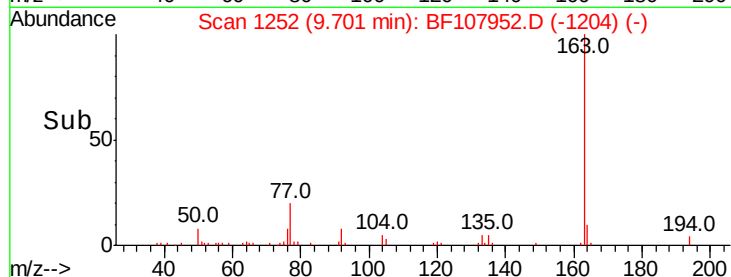
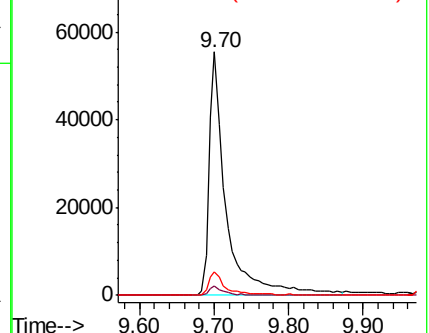
164 9.9 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 7.443 ng

RT: 9.99 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

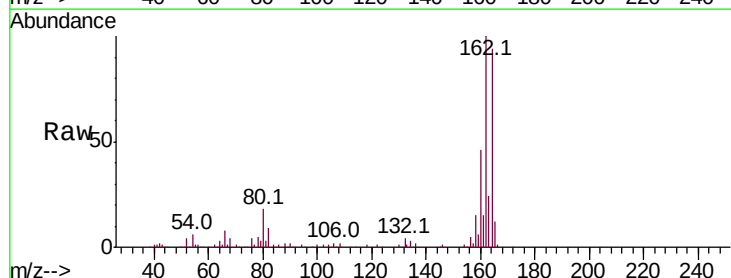
Tgt Ion:165 Resp: 24519

Ion Ratio Lower Upper

165 100

63 2.1 44.7 67.1#

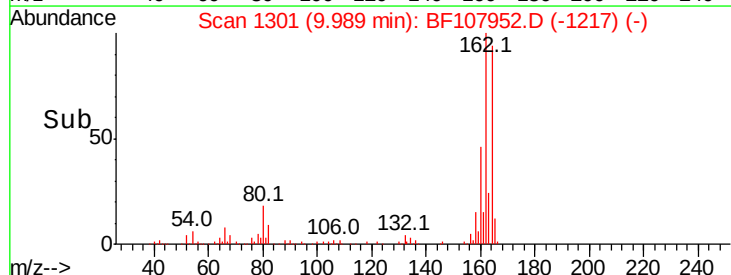
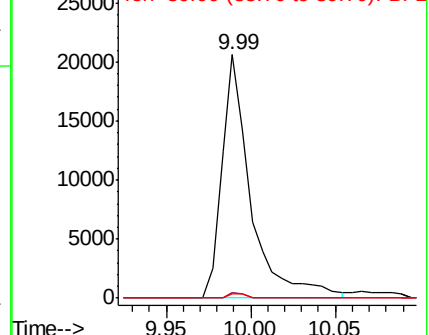
89 1.5 44.0 66.0#

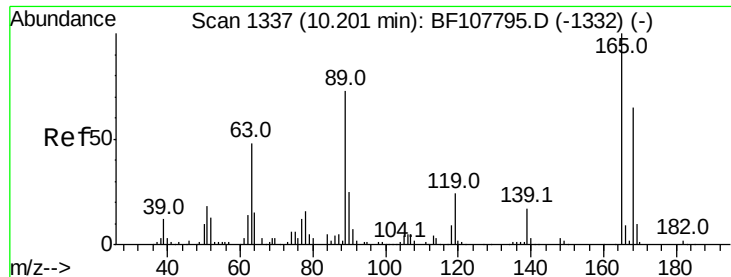


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

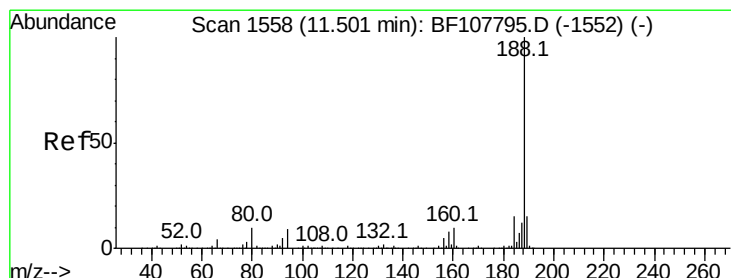
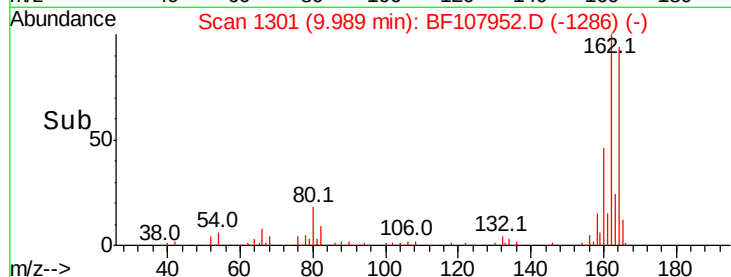
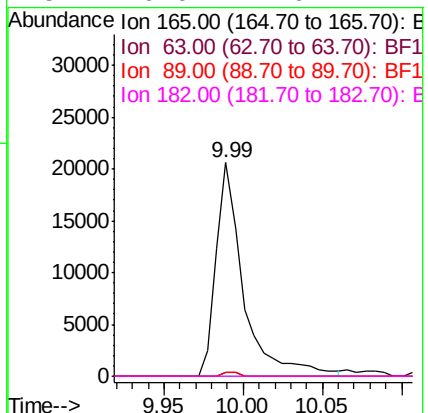
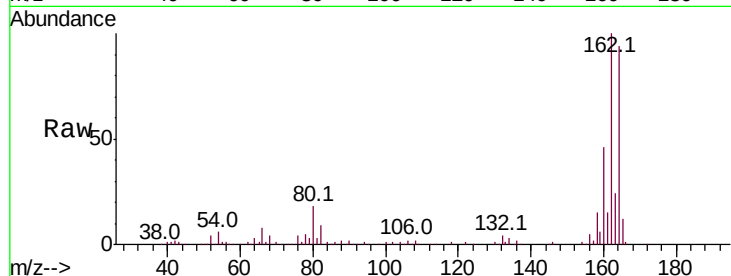




#56
 2,4-Dinitrotoluene
 Concen: 5.699 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF107952.D
 Acq: 3 Aug 2018 21:49

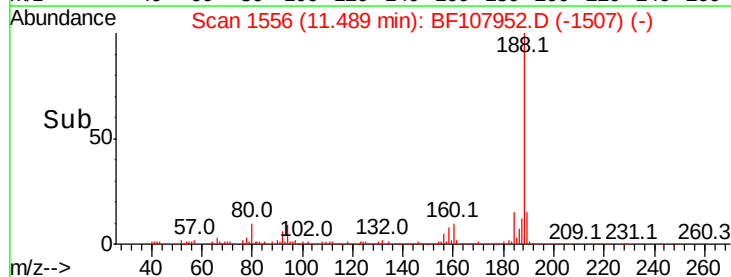
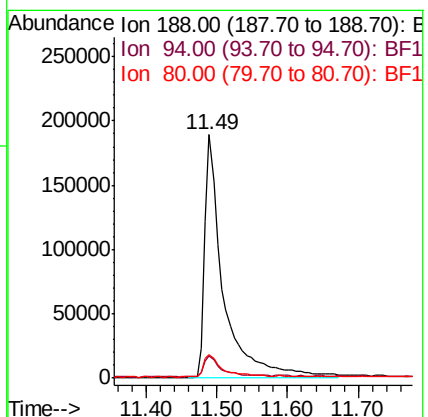
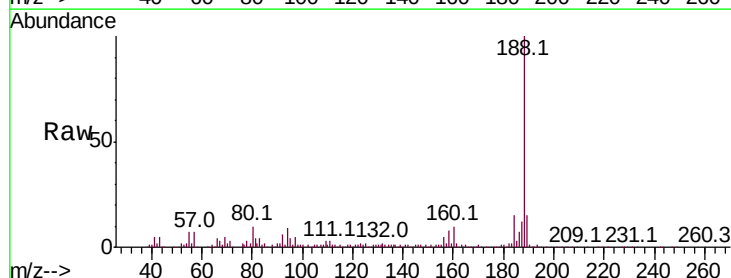
Instrument :
 BNA_F
 ClientSampleId :

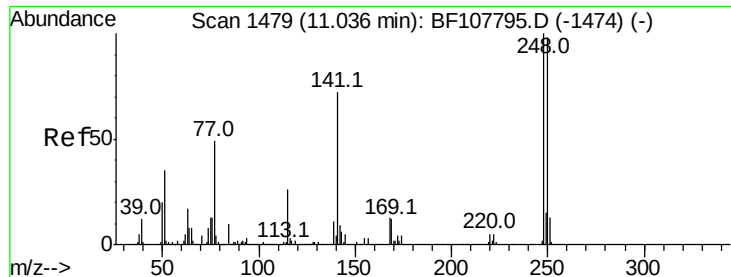
Tot Ion:165 Resp: 24674
 Ion Ratio Lower Upper
 165 100
 63 2.1 36.4 54.6#
 89 1.5 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107952.D
 Acq: 3 Aug 2018 21:49

Tgt Ion:188 Resp: 352032
 Ion Ratio Lower Upper
 188 100
 94 9.2 8.5 12.7
 80 9.9 9.2 13.8

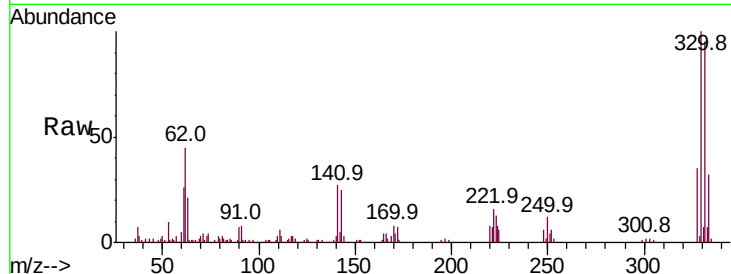




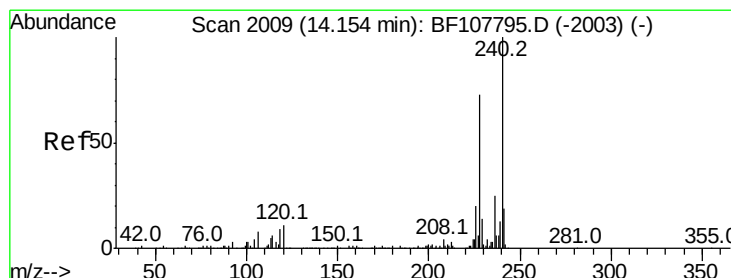
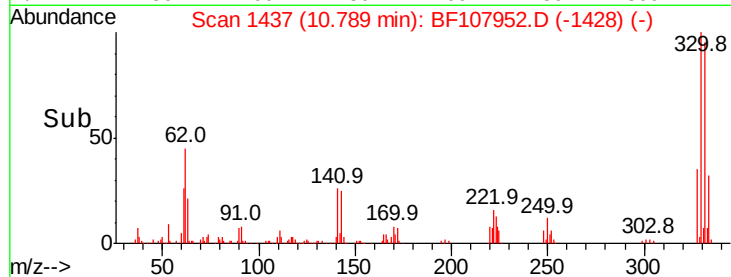
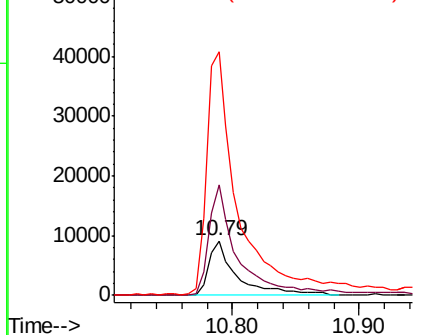
#66
 4-Bromophenyl-phenylether
 Concen: 3.439 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF107952.D
 Acq: 3 Aug 2018 21:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 14110
 Ion Ratio Lower Upper
 248 100
 250 203.1 76.9 115.3#
 141 445.5 74.4 111.6#

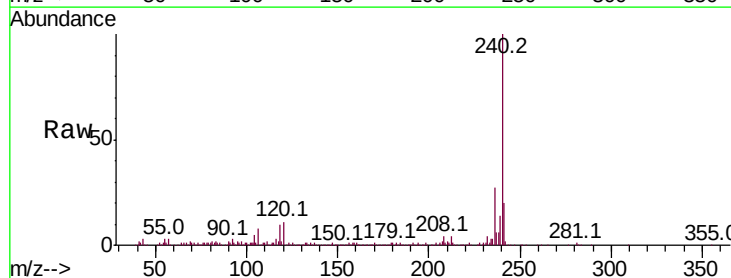


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

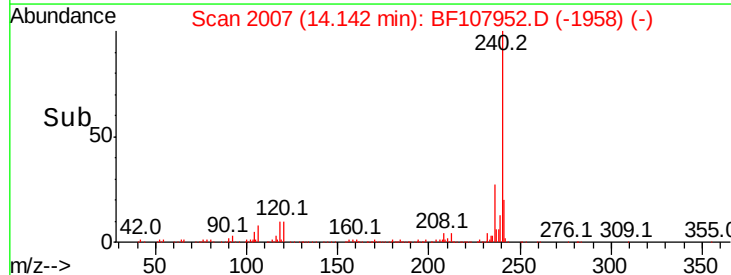
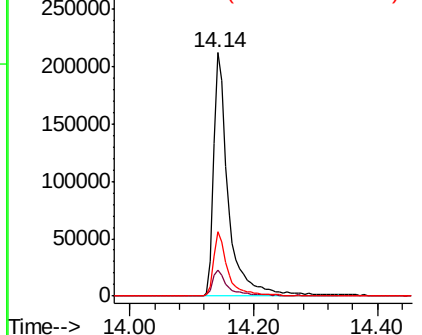


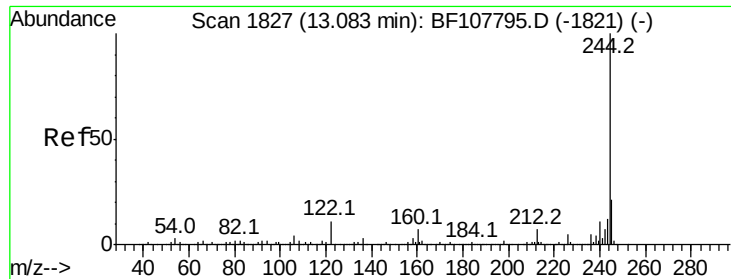
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF107952.D
 Acq: 3 Aug 2018 21:49

Tgt Ion:240 Resp: 344696
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.5 14.3
 236 26.5 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: 67.894 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

Instrument :

BNA_F

ClientSampleId :

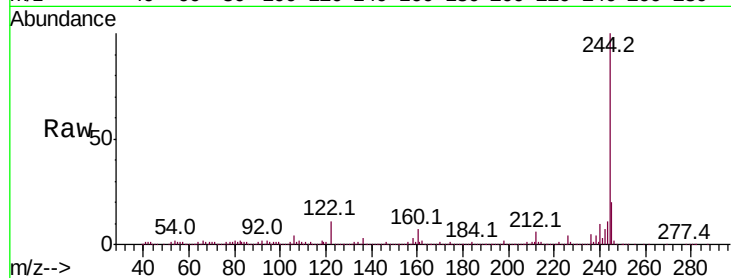
Tot Ion:244 Resp: 1079258

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

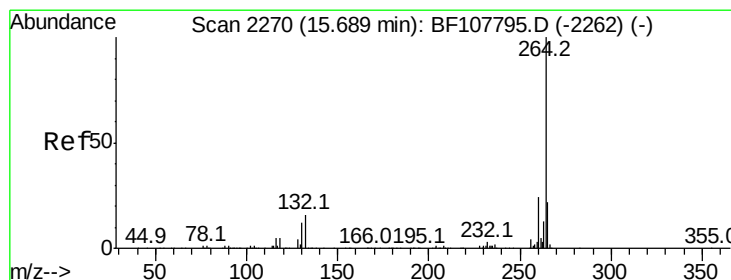
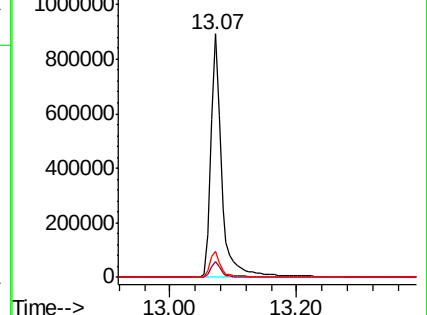
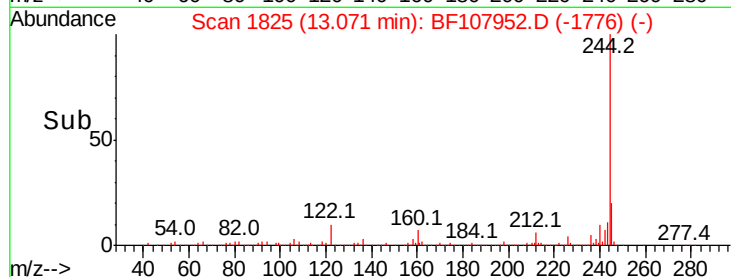
122 10.6 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF107952.D

Acq: 3 Aug 2018 21:49

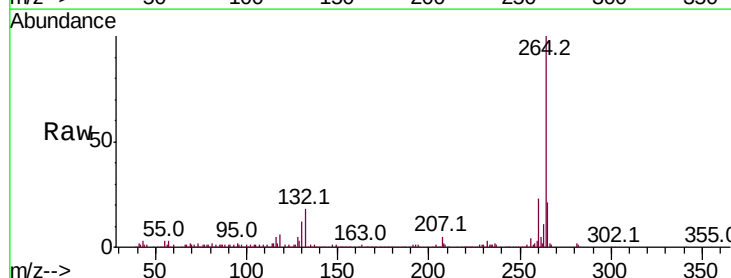
Tgt Ion:264 Resp: 326973

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 20.9 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

