

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107872.D
 Acq On : 1 Aug 2018 1:27
 Operator : JU/SJ
 Sample : J3825-17 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 04:34:53 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

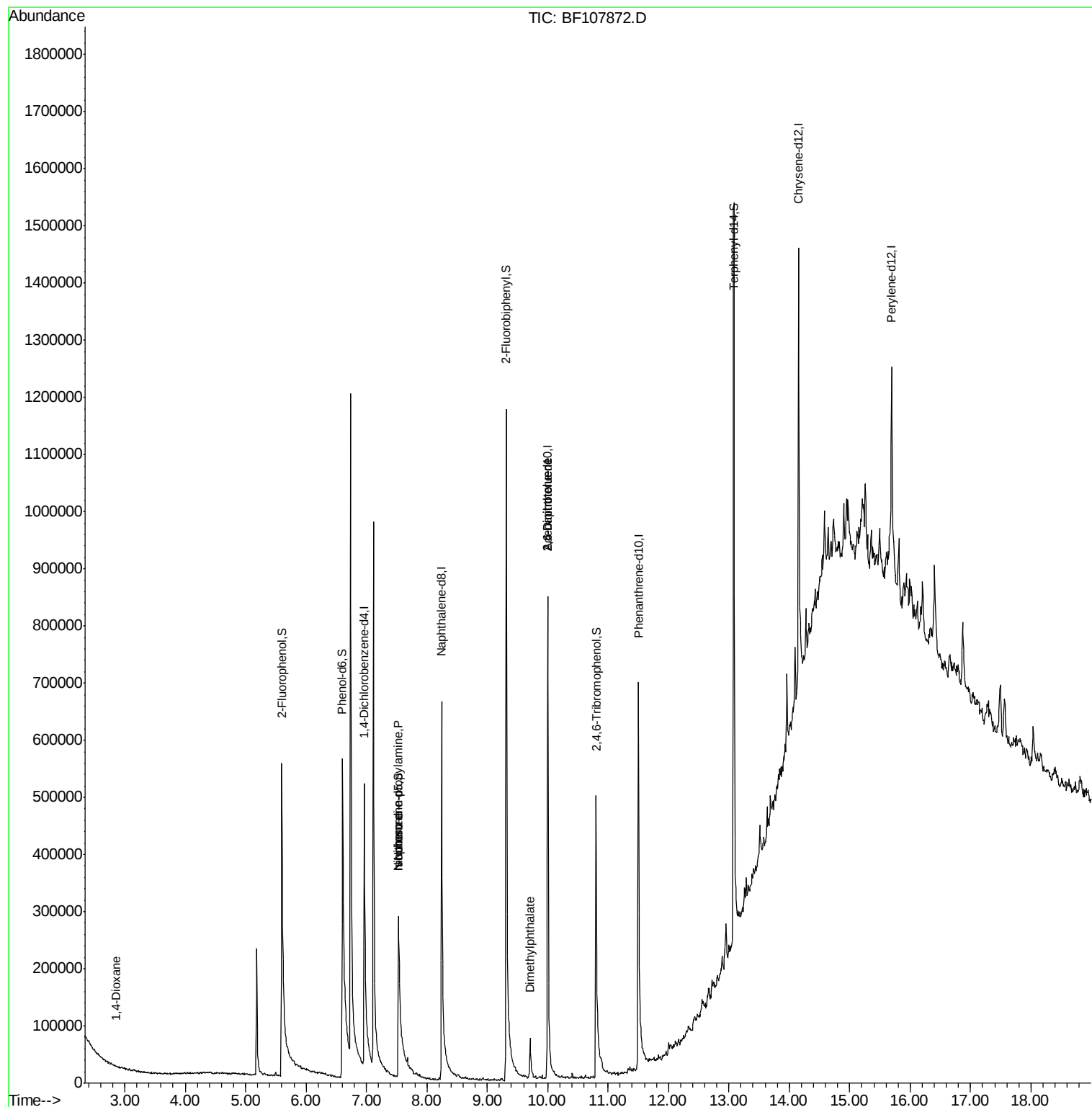
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145730	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	578974	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	222616	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	453450	20.00	ng	0.00
75) Chrysene-d12	14.15	240	402061	20.00	ng	0.00
86) Perylene-d12	15.69	264	282538	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	396248	46.21	ng	0.00
7) Phenol-d6	6.60	99	518385	45.87	ng	0.00
23) Nitrobenzene-d5	7.53	82	324170	32.26	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	123055	40.68	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	608012	38.06	ng	0.00
78) Terphenyl-d14	13.08	244	663256	35.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.85	88	347	5.869	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	35464	4.947	ng	# 79
25) Isophorone	7.53	82	326289	19.779	ng	# 64
49) Dimethylphthalate	9.71	163	50280	3.007	ng	100
50) 2,6-Dinitrotoluene	10.00	165	27639	7.607	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	29174	6.109	ng	# 23

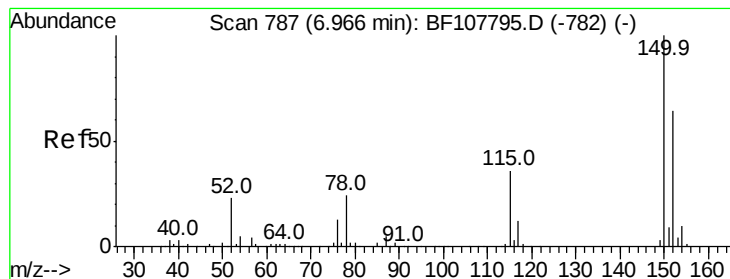
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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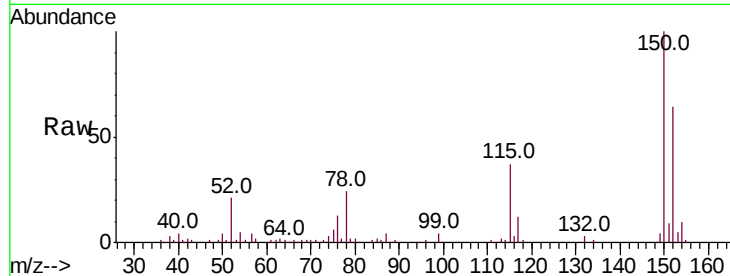


#1

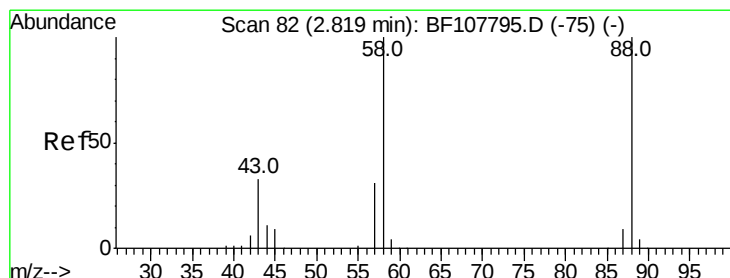
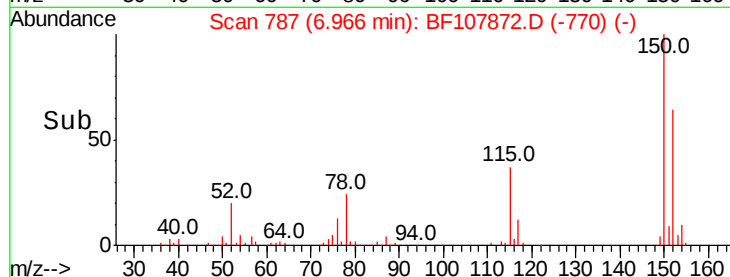
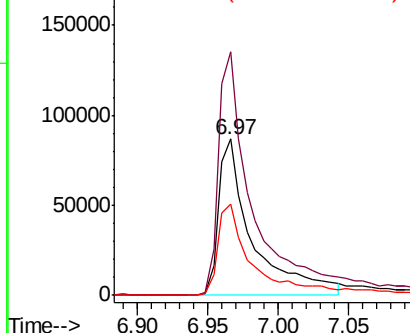
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145730
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 58.4 50.1 75.1



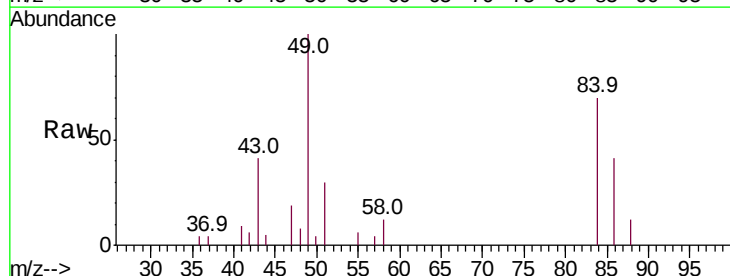
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



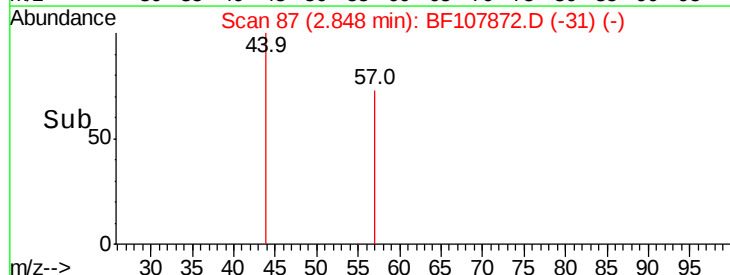
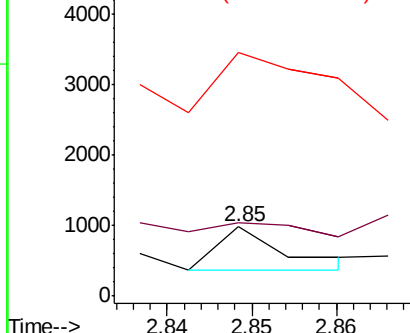
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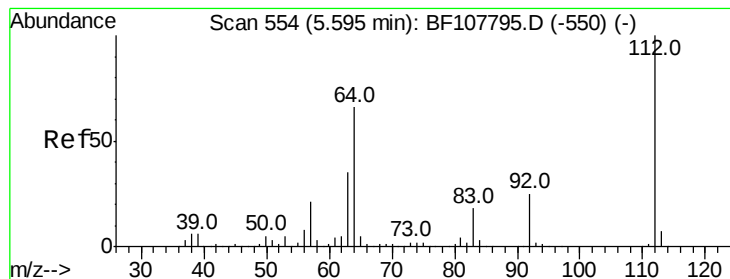
1,4-Dioxane
Concen: 5.869 ng
RT: 2.85 min Scan# 87
Delta R.T. 0.03 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

Tgt Ion: 88 Resp: 347
Ion Ratio Lower Upper
88 100
58 64.6 62.6 93.8
43 402.6 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: 46.212 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107872.D

Acq: 1 Aug 2018 1:27

Instrument :
BNA_F
ClientSampled :

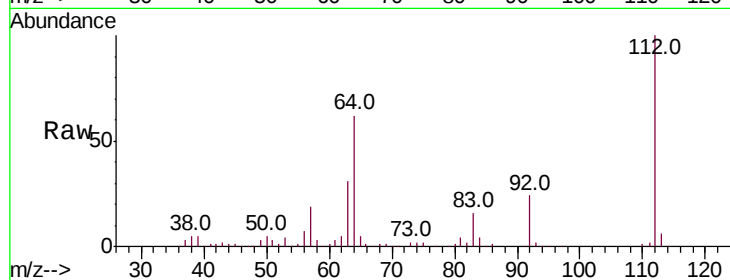
Tot Ion:112 Resp: 396248

Ion Ratio Lower Upper

112 100

64 62.1 47.9 71.9

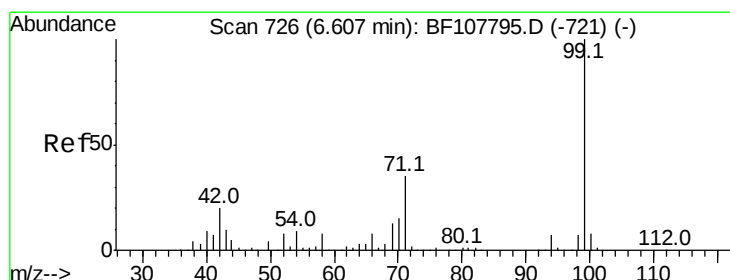
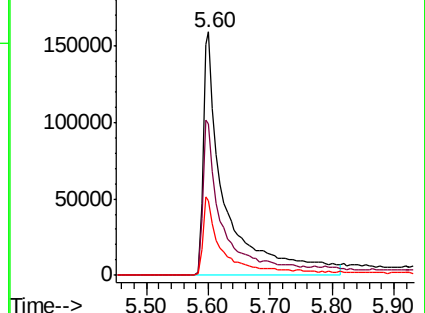
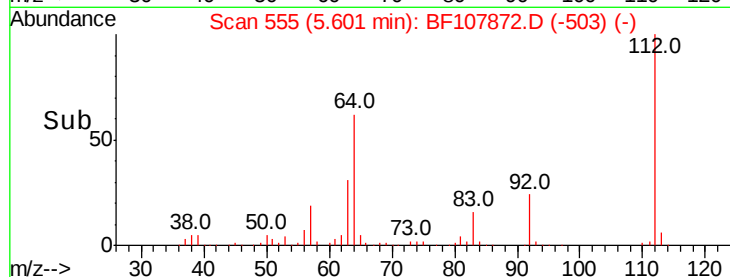
63 30.7 23.7 35.5



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: 45.871 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107872.D

Acq: 1 Aug 2018 1:27

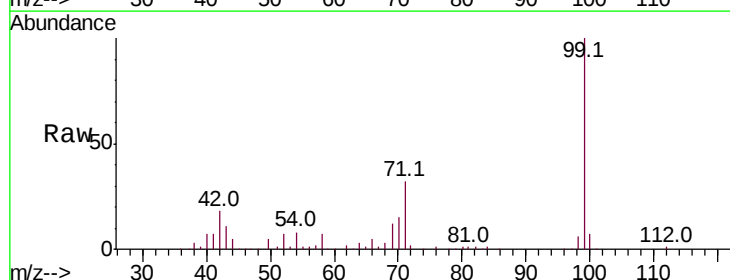
Tgt Ion: 99 Resp: 518385

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

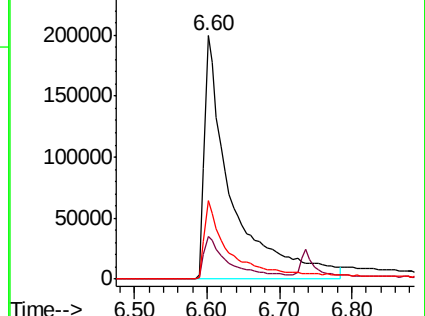
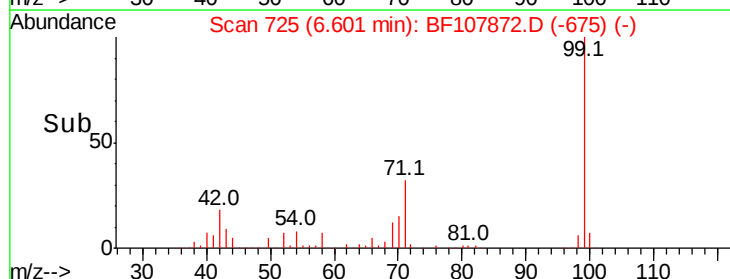
71 32.2 25.4 38.0

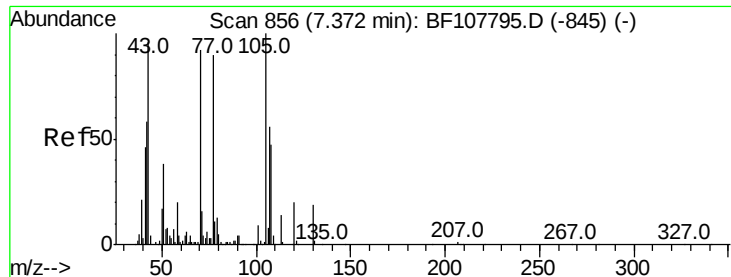


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

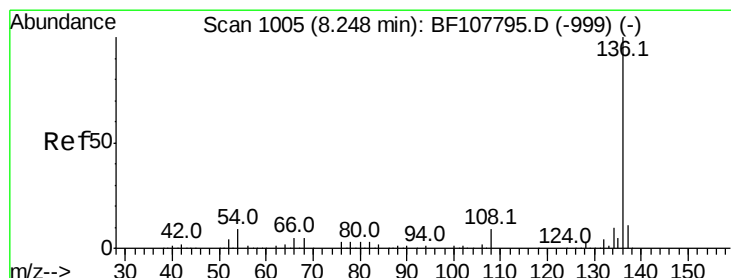
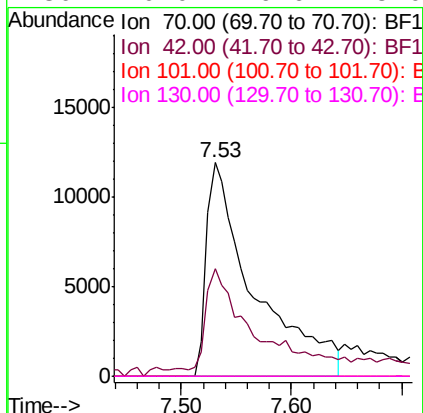
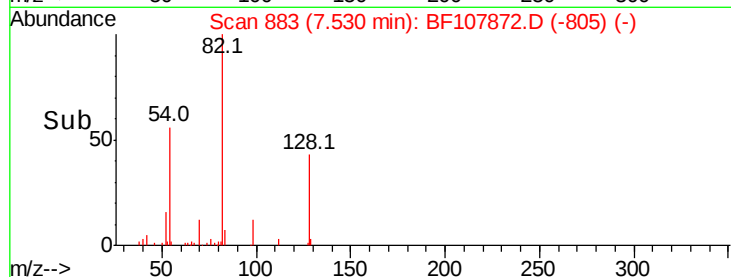
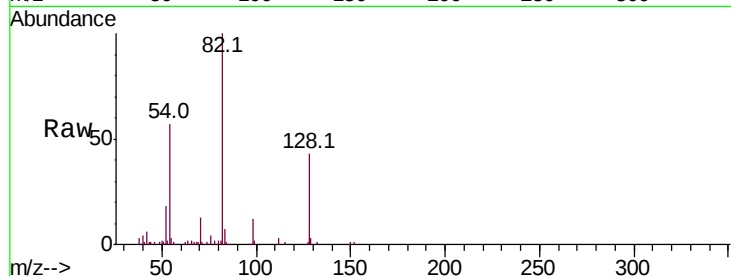




#19
n-Nitroso-di-n-propylamine
Concen: 4.947 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

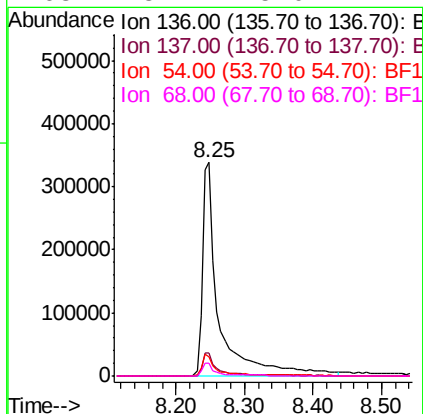
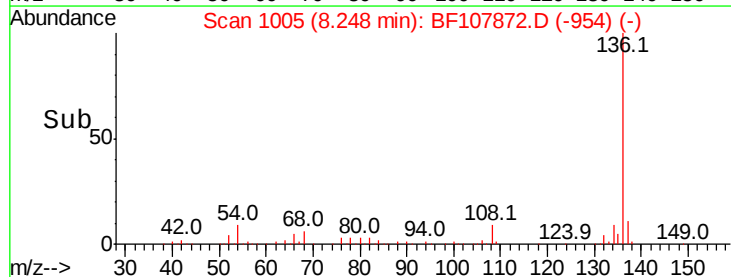
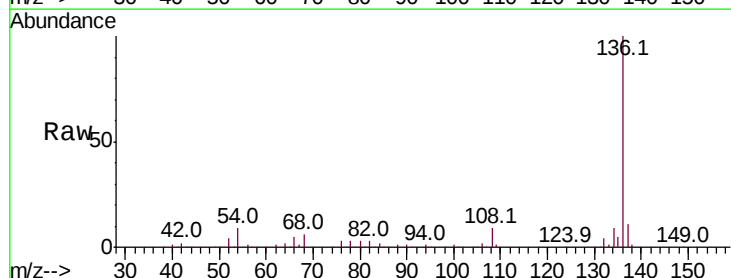
Instrument :
BNA_F
ClientSampleId :

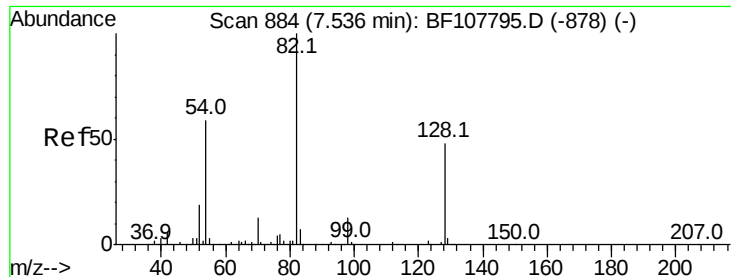
Tot Ion: 70 Resp: 35464
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

Tgt Ion: 136 Resp: 578974
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.9 6.6 9.8
68 5.7 5.0 7.4

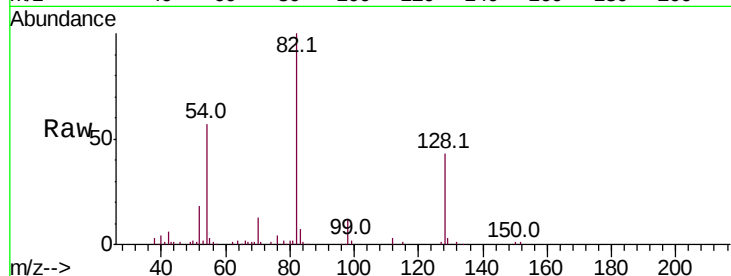




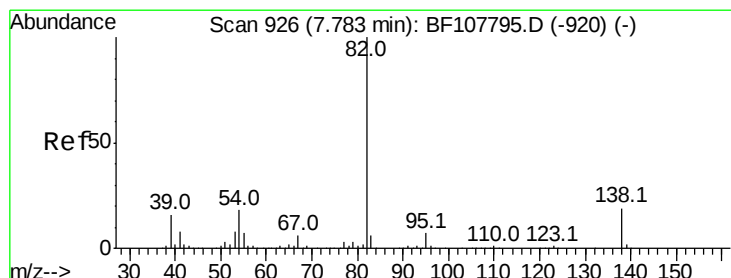
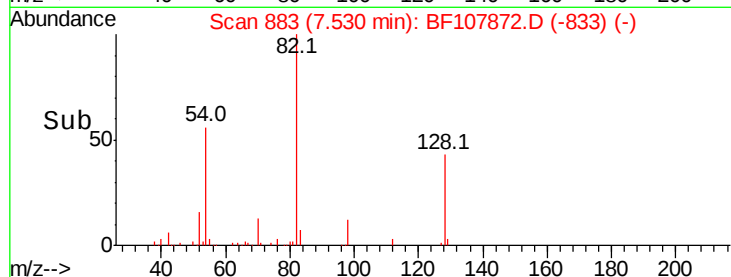
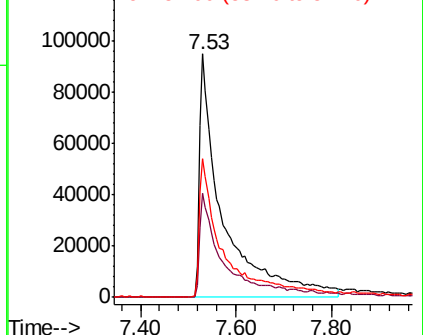
#23
Nitrobenzene-d5
Concen: 32.256 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 324170
Ion Ratio Lower Upper
82 100
128 43.0 36.1 54.1
54 56.9 41.4 62.2

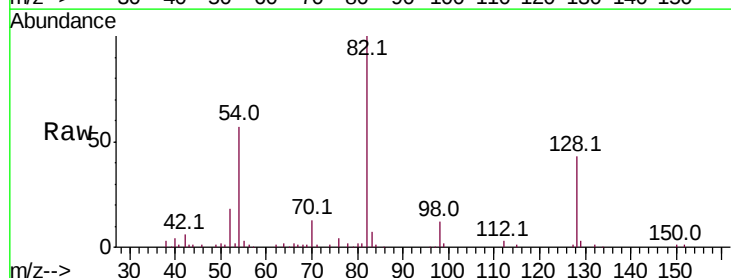


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

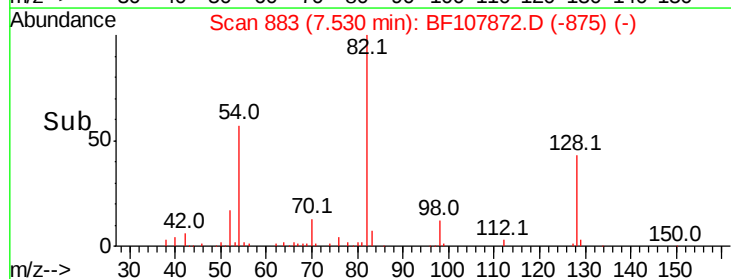
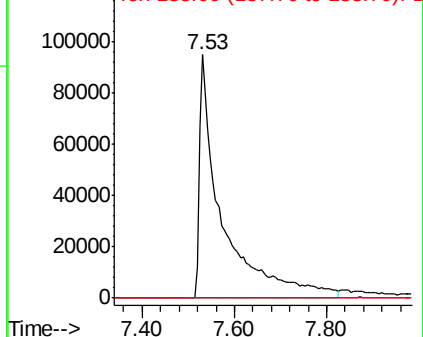


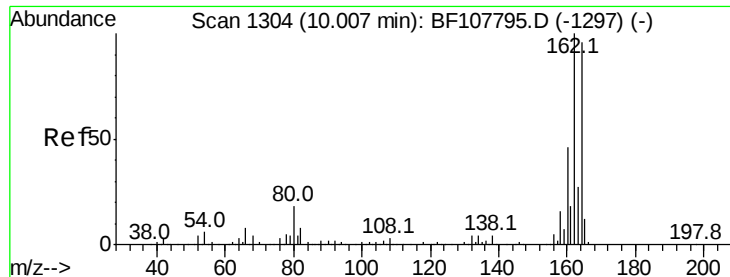
#25
Isophorone
Concen: 19.779 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

Tgt Ion: 82 Resp: 326289
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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF107872.D

Acq: 1 Aug 2018 1:27

Instrument :

BNA_F

ClientSampled :

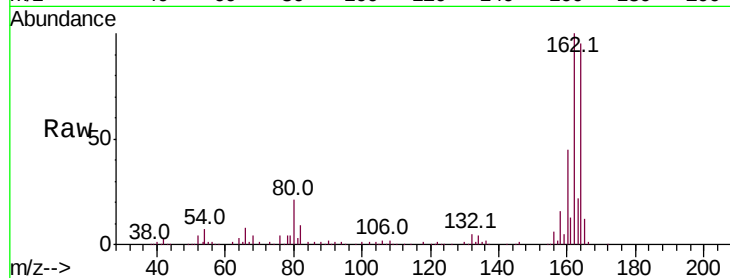
Tot Ion:164 Resp: 222616

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

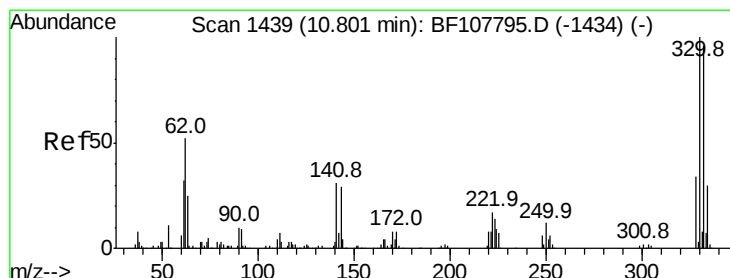
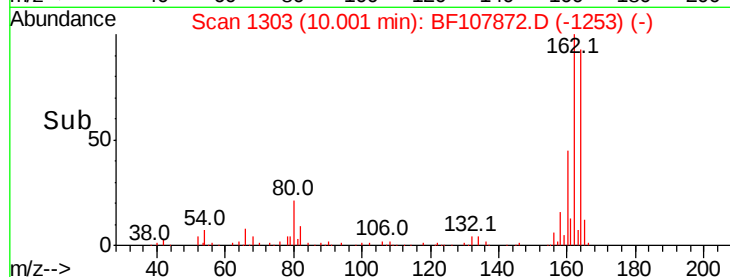
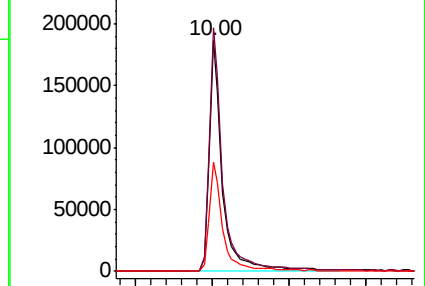
160 47.4 38.3 57.5



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: 40.681 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BF107872.D

Acq: 1 Aug 2018 1:27

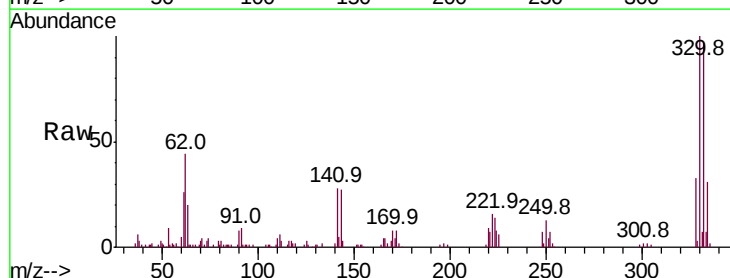
Tgt Ion:330 Resp: 123055

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

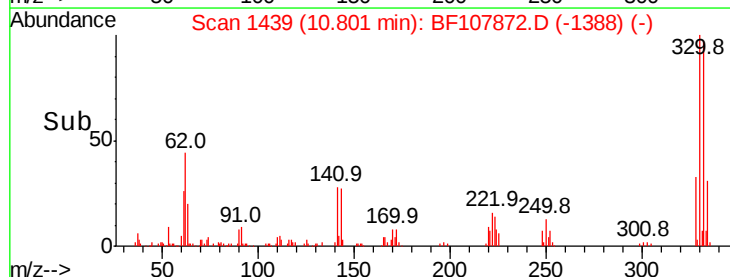
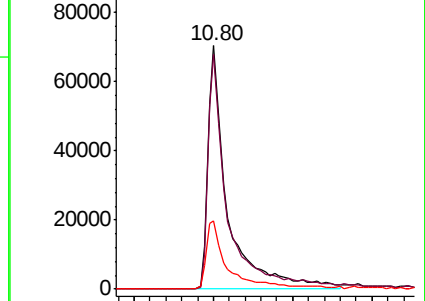
141 30.0 29.9 44.9

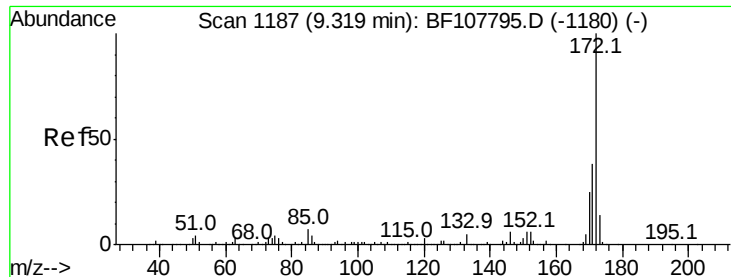


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

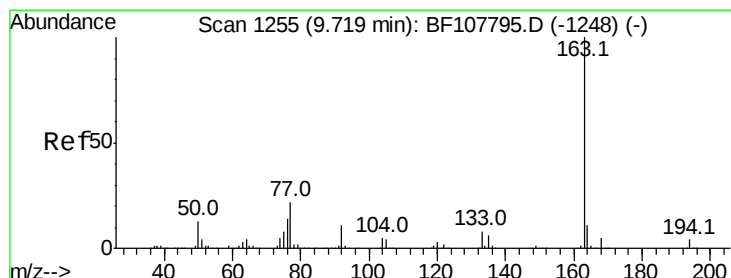
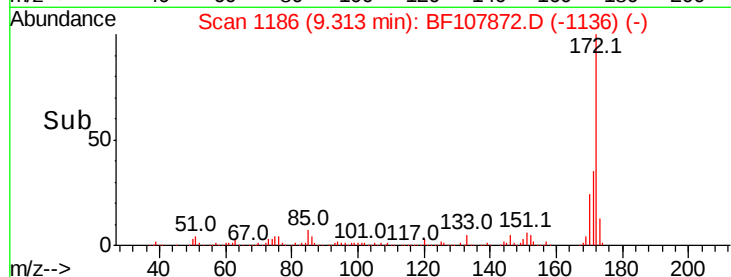
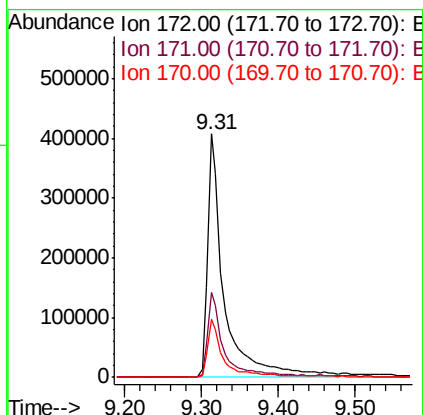
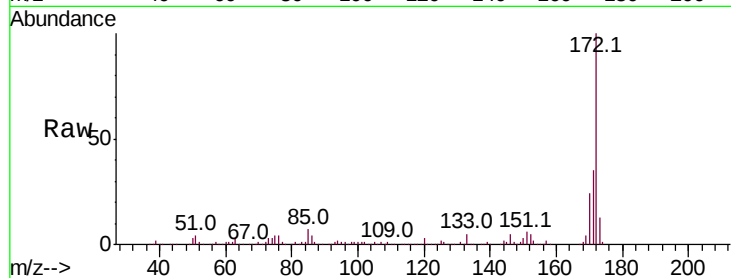




#44
2-Fluorobiphenyl
Concen: 38.059 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

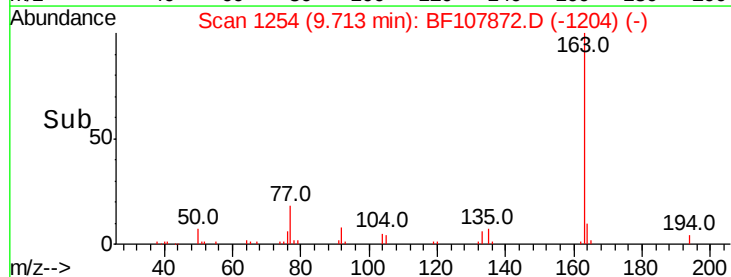
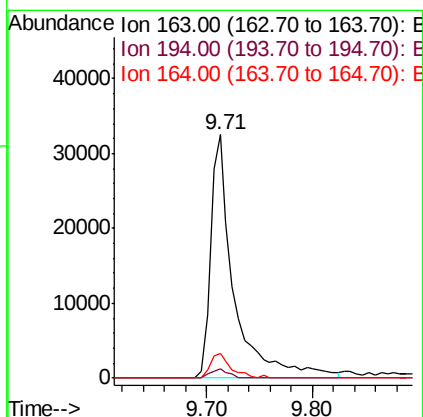
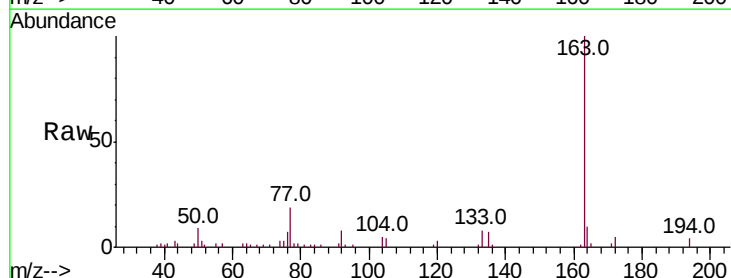
Instrument :
BNA_F
ClientSampled :

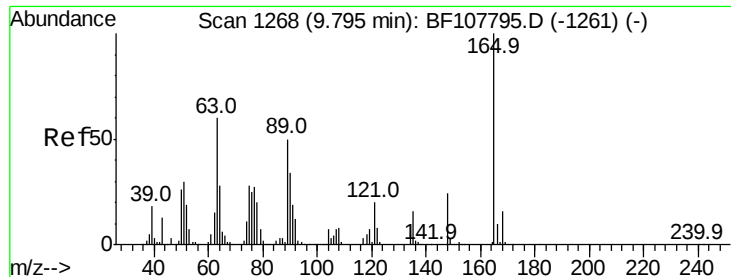
Tot Ion:172 Resp: 608012
Ion Ratio Lower Upper
172 100
171 34.7 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 3.007 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF107872.D
Acq: 1 Aug 2018 1:27

Tgt Ion:163 Resp: 50280
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 10.2 8.2 12.2

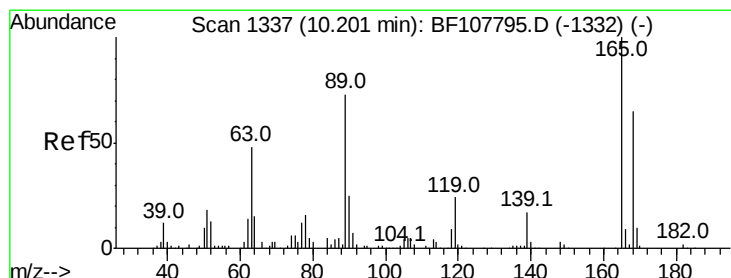
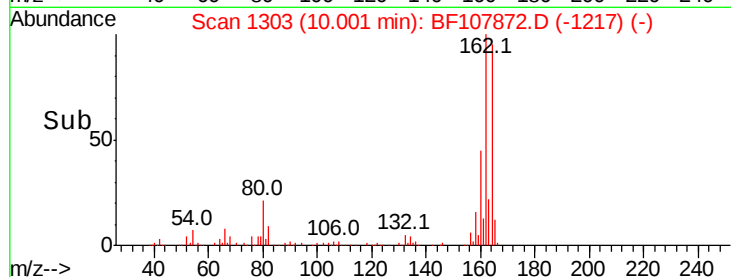
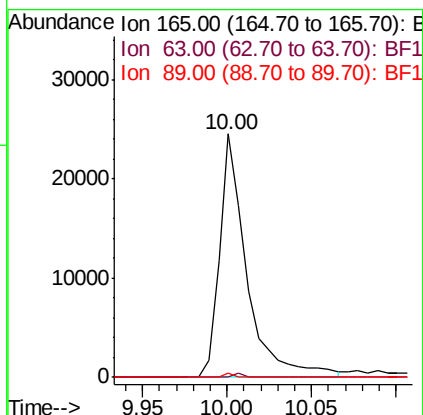
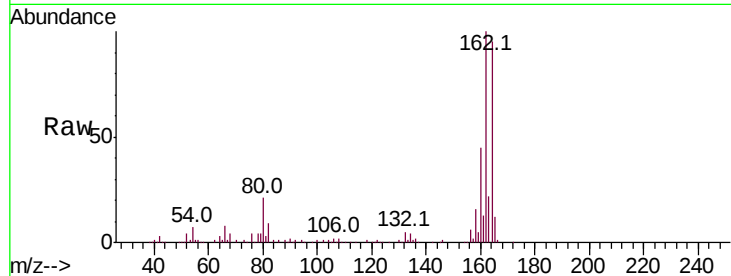




#50
 2,6-Dinitrotoluene
 Concen: 7.607 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107872.D
 Acq: 1 Aug 2018 1:27

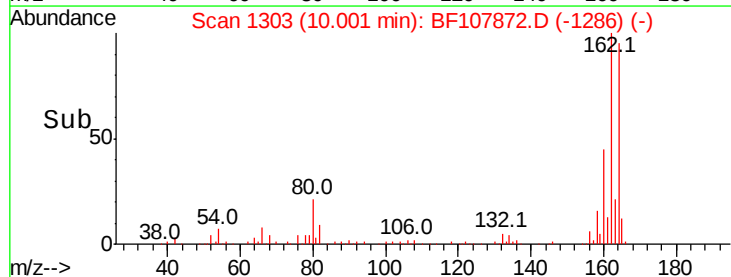
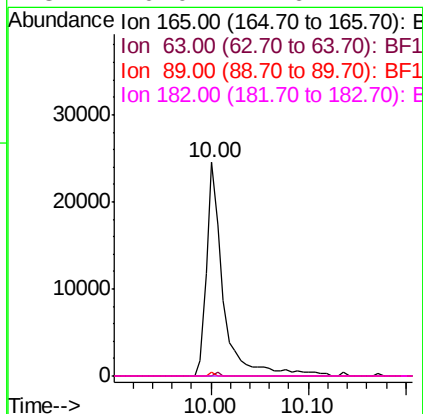
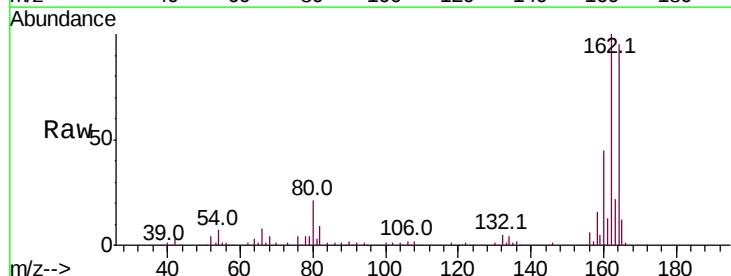
Instrument :
 BNA_F
 ClientSampleId :

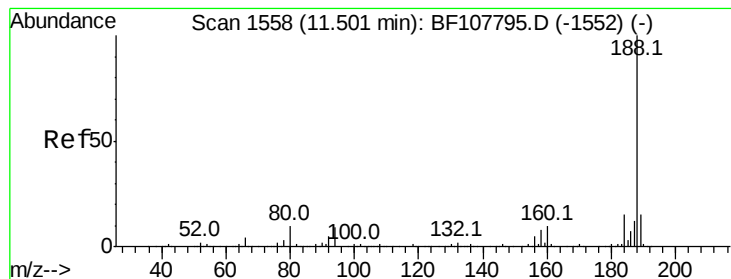
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.8	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.109 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107872.D
 Acq: 1 Aug 2018 1:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.8	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BF107872.D

Acq: 1 Aug 2018 1:27

Instrument :

BNA_F

ClientSampleId :

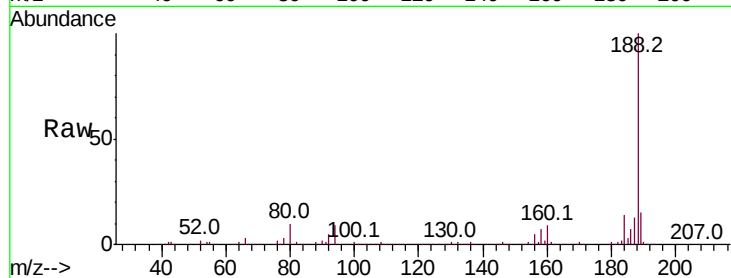
Tot Ion:188 Resp: 453450

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

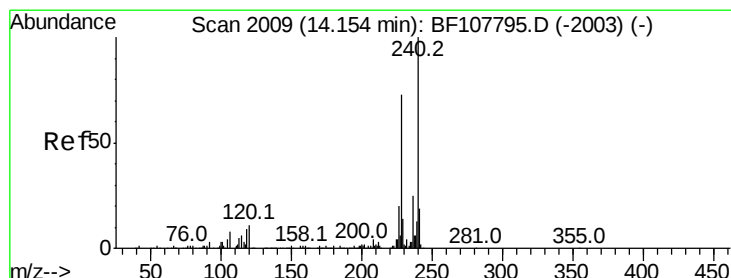
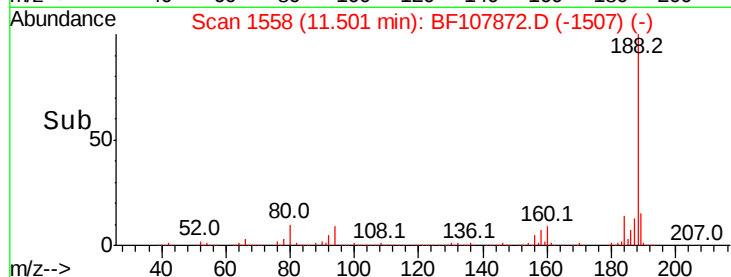
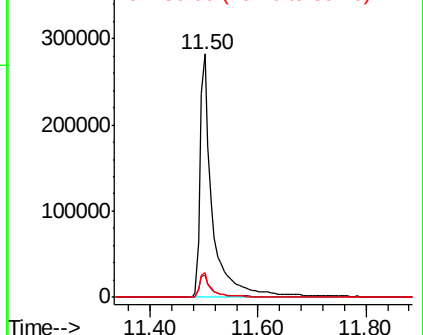
80 10.1 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107872.D

Acq: 1 Aug 2018 1:27

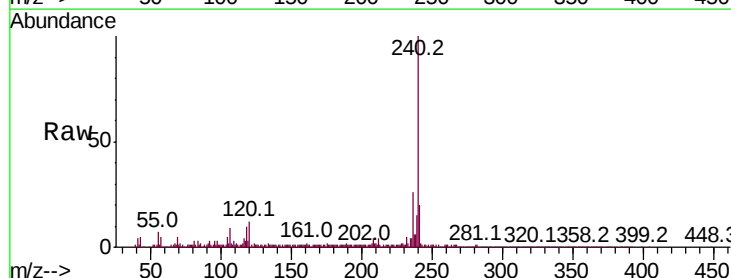
Tgt Ion:240 Resp: 402061

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

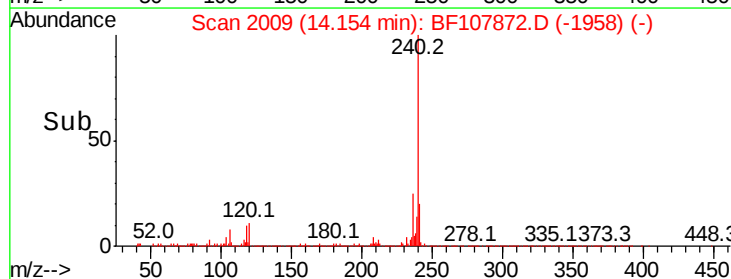
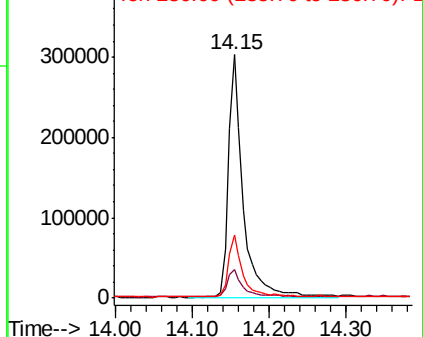
236 25.8 20.7 31.1

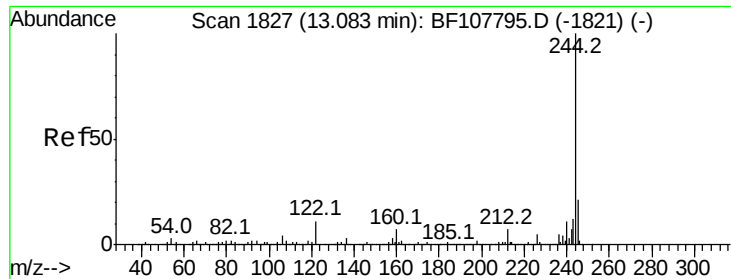


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

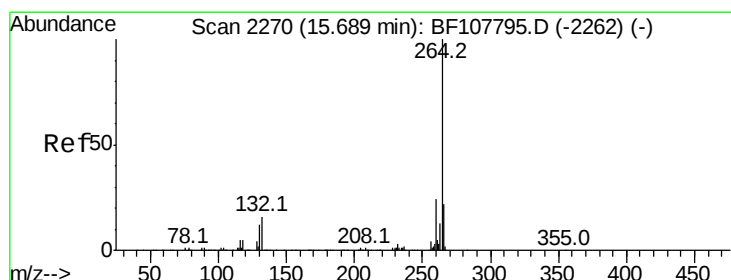
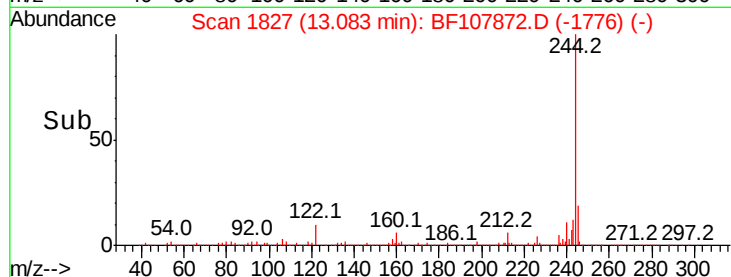
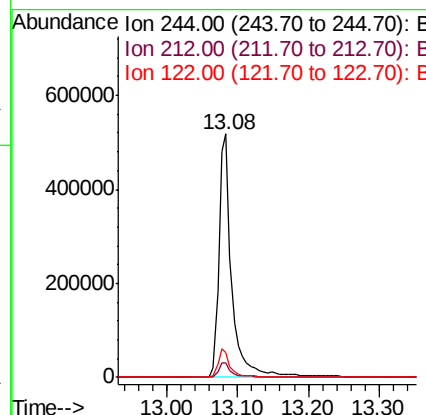
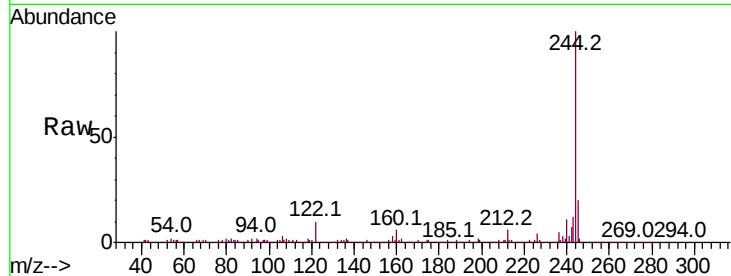




#78
 Terphenyl-d14
 Concen: 35.771 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF107872.D
 Acq: 1 Aug 2018 1:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 663256
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF107872.D
 Acq: 1 Aug 2018 1:27

Tgt Ion:264 Resp: 282538
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.4 17.5 26.3

