

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073118\
 Data File : BF107871.D
 Acq On : 1 Aug 2018 1:01
 Operator : JU/SJ
 Sample : J3825-15 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 04:34:44 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

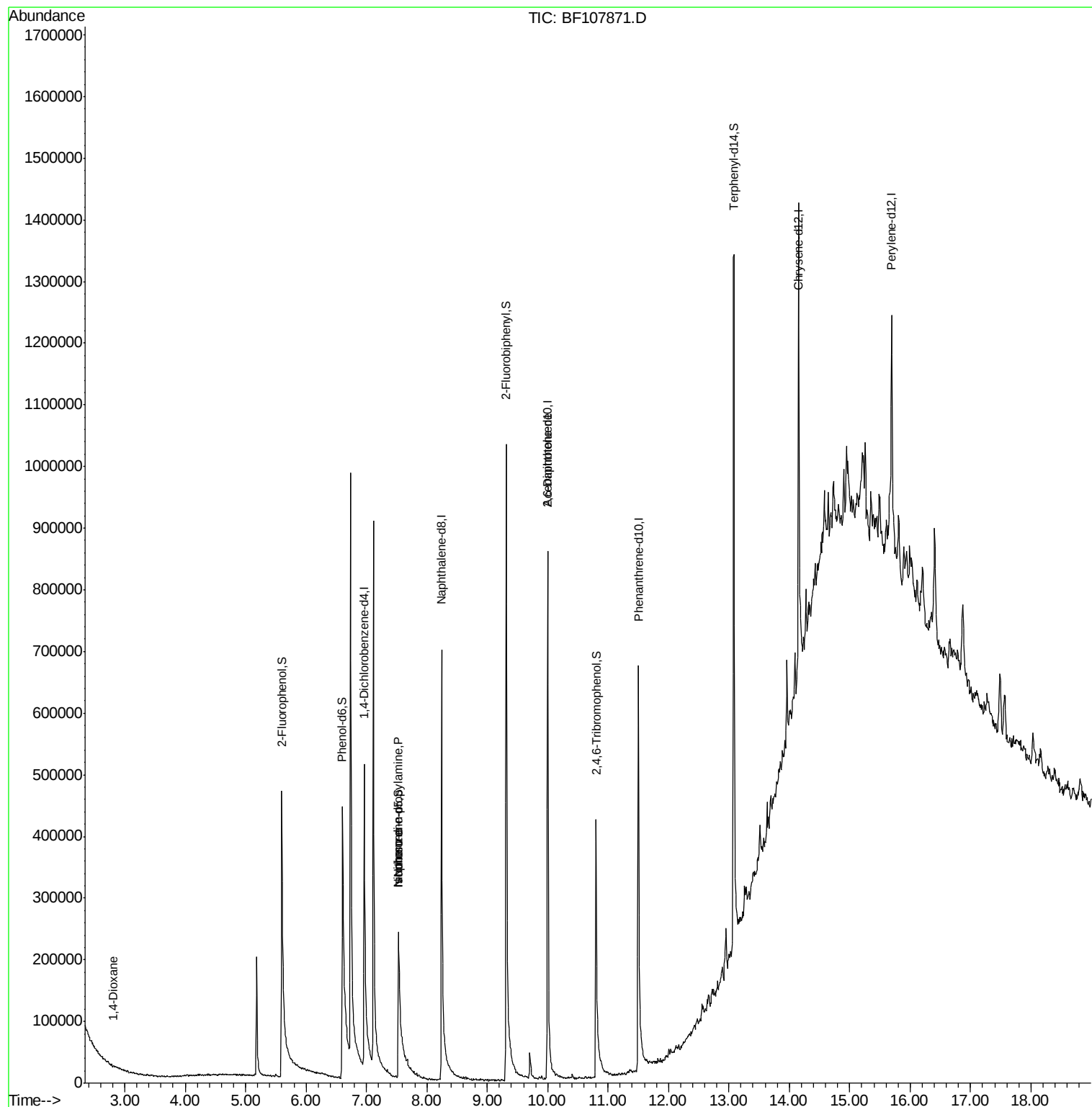
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145451	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	613537	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	220495	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	429112	20.00	ng	0.00
75) Chrysene-d12	14.15	240	397277	20.00	ng	0.00
86) Perylene-d12	15.69	264	281930	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	358969	41.94	ng	0.00
7) Phenol-d6	6.60	99	483559	42.87	ng	0.00
23) Nitrobenzene-d5	7.53	82	277614	26.07	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	104112	34.75	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	539922	34.12	ng	0.00
78) Terphenyl-d14	13.08	244	574284	31.35	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.81	88	316	5.863	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	31804	4.445	ng	# 75
25) Isophorone	7.53	82	277614	15.880	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	26691	7.417	ng	# 27

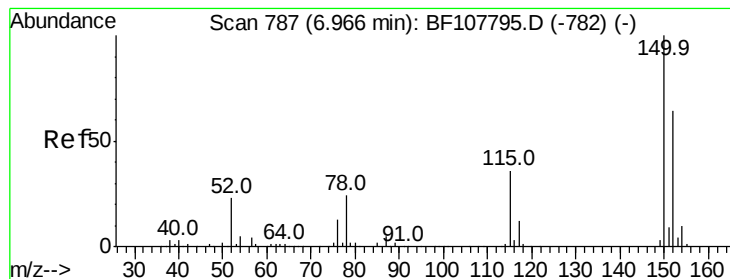
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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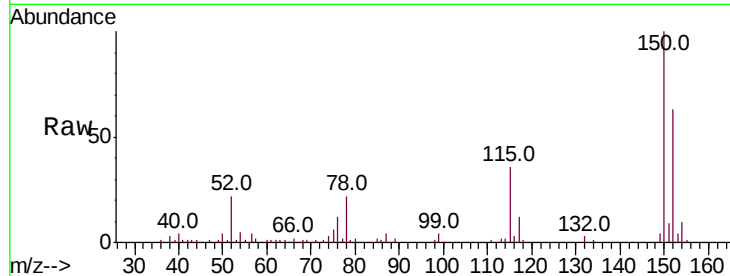


#1

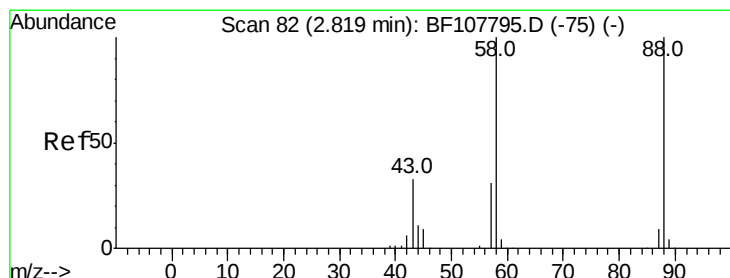
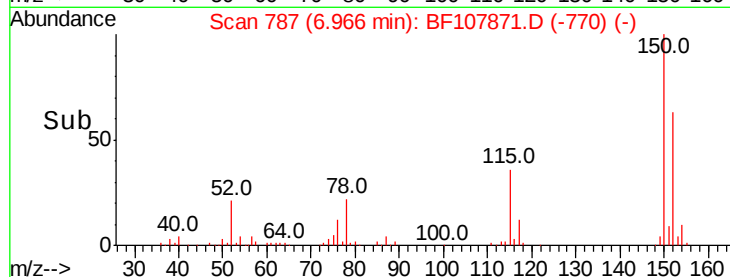
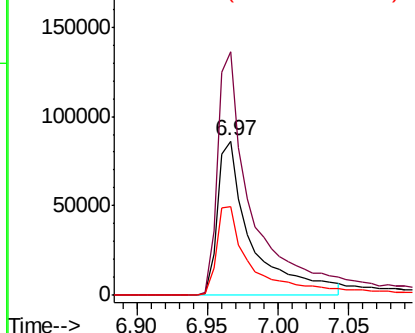
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 145451
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 57.6 50.1 75.1



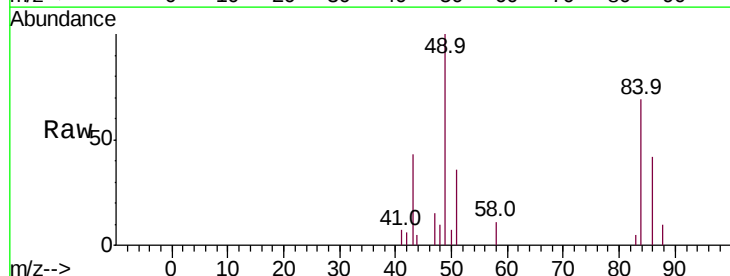
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



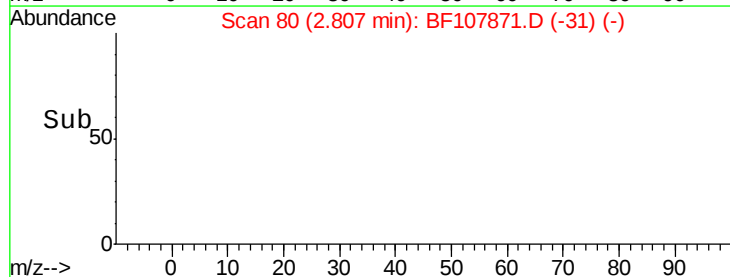
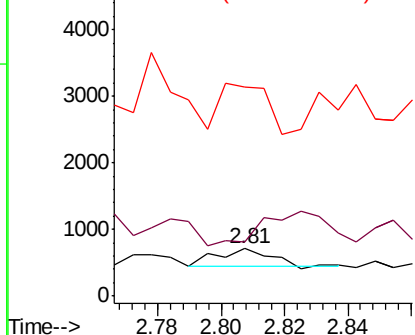
#2

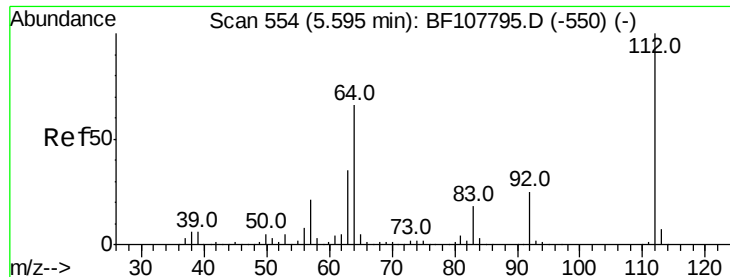
1,4-Dioxane
Concen: 5.863 ng
RT: 2.81 min Scan# 80
Delta R.T. -0.01 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

Tgt Ion: 88 Resp: 316
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 241.8 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: 41.944 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

Instrument :
BNA_F
ClientSampled :

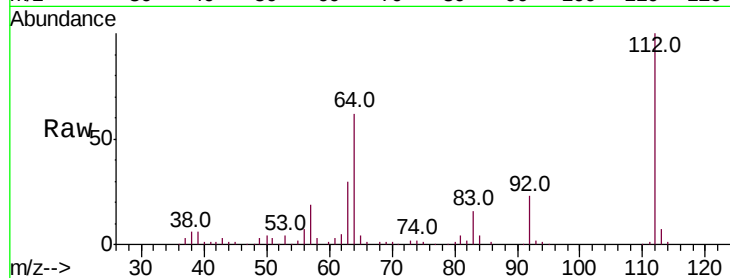
Tot Ion:112 Resp: 358969

Ion Ratio Lower Upper

112 100

64 62.2 47.9 71.9

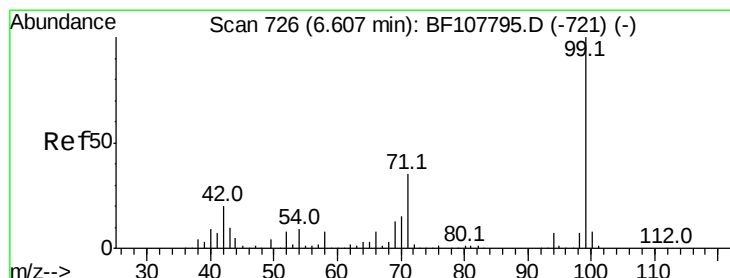
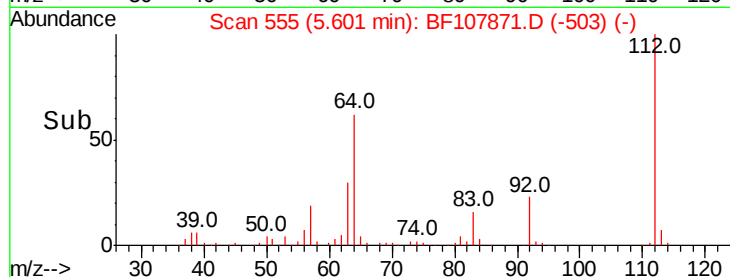
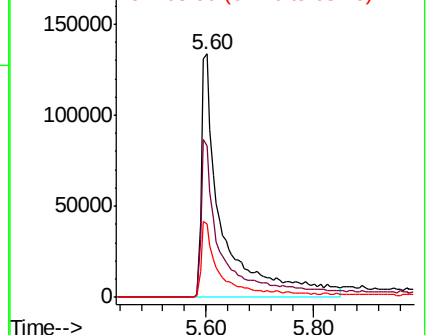
63 30.1 23.7 35.5



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: 42.872 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

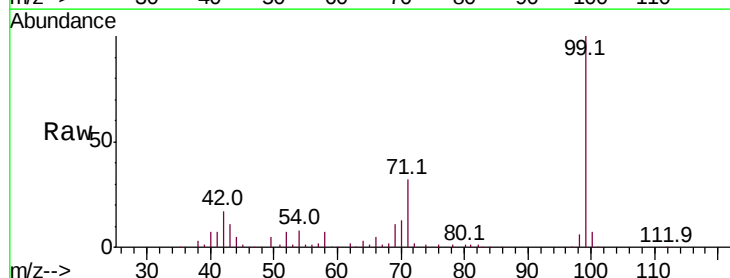
Tgt Ion: 99 Resp: 483559

Ion Ratio Lower Upper

99 100

42 17.4 14.5 21.7

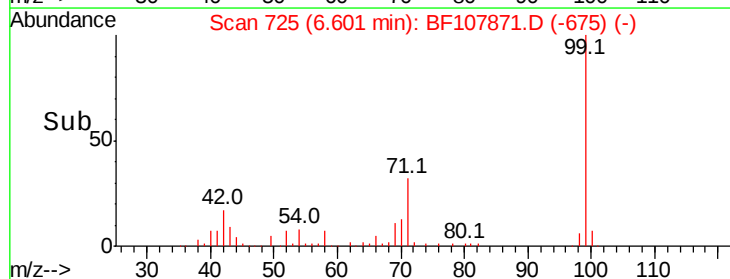
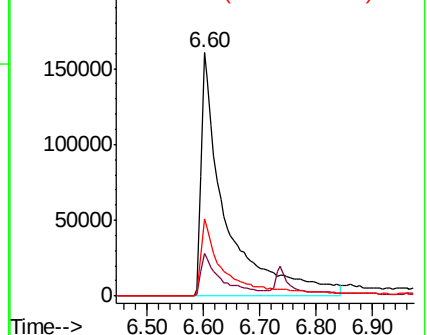
71 32.0 25.4 38.0

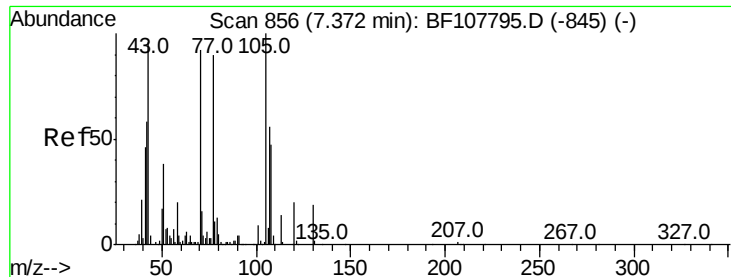


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1

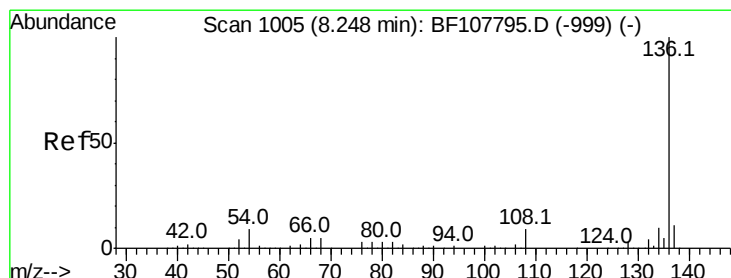
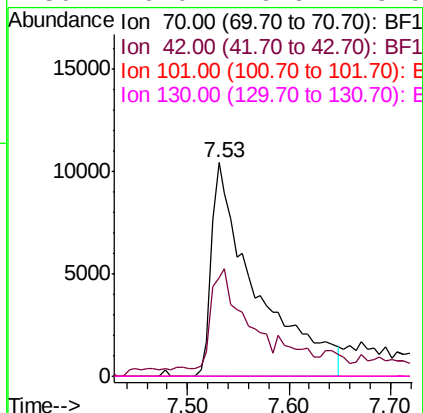
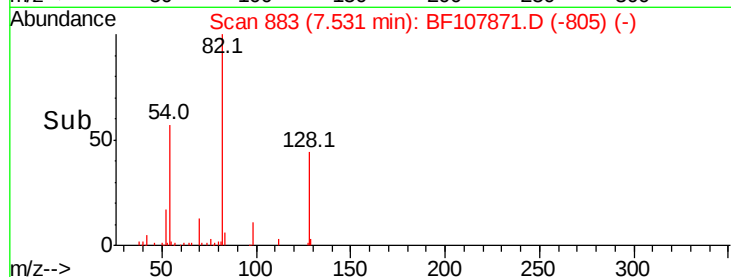
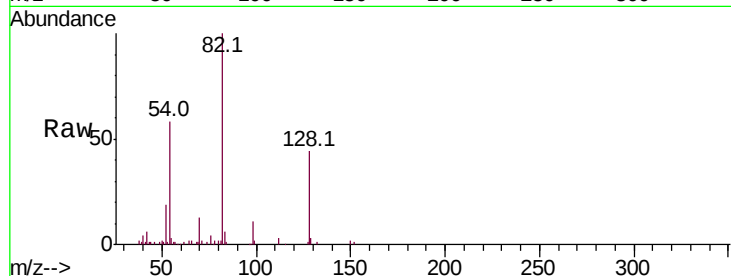




#19
n-Nitroso-di-n-propylamine
Concen: 4.445 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

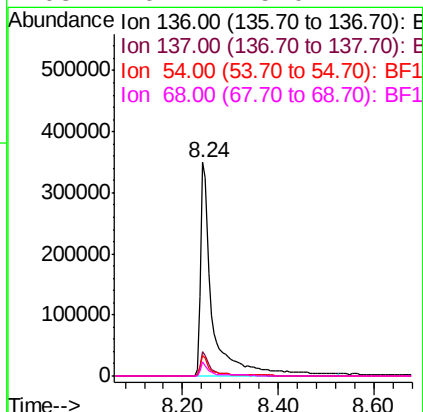
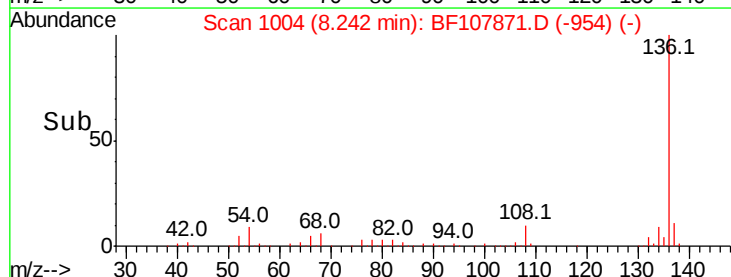
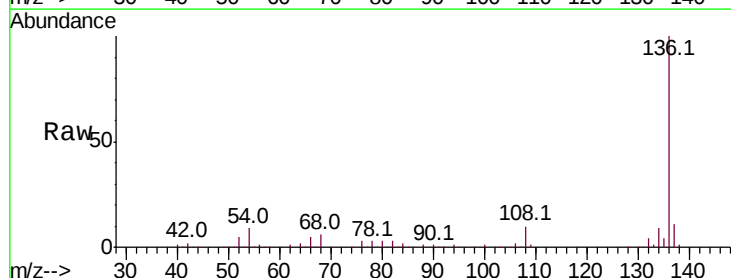
Instrument :
BNA_F
ClientSampleId :

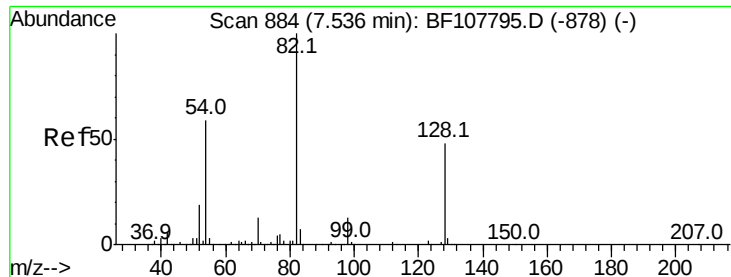
Tot Ion: 70 Resp: 31804
Ion Ratio Lower Upper
70 100
42 46.1 47.5 71.3#
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

Tgt Ion: 136 Resp: 613537
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.5 6.6 9.8
68 6.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 26.068 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

Instrument :

BNA_F

ClientSampled :

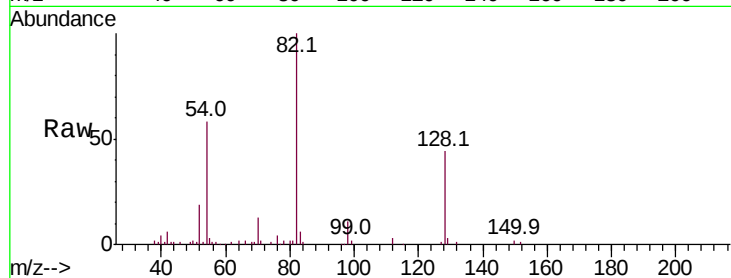
Tot Ion: 82 Resp: 277614

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

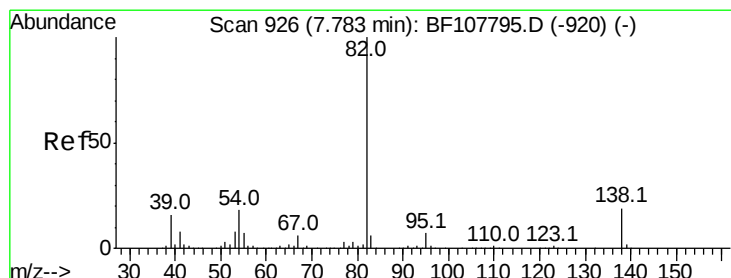
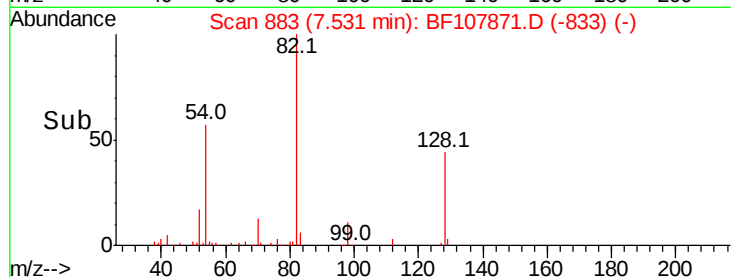
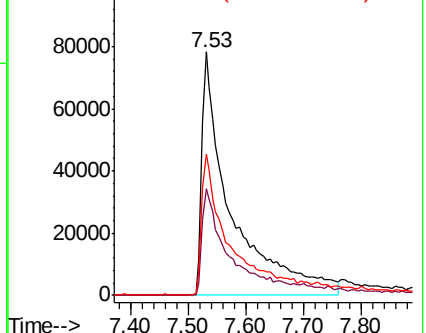
54 58.1 41.4 62.2



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: 15.880 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF107871.D

Acq: 1 Aug 2018 1:01

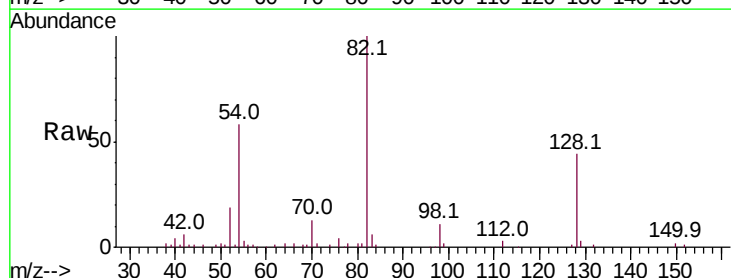
Tgt Ion: 82 Resp: 277614

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

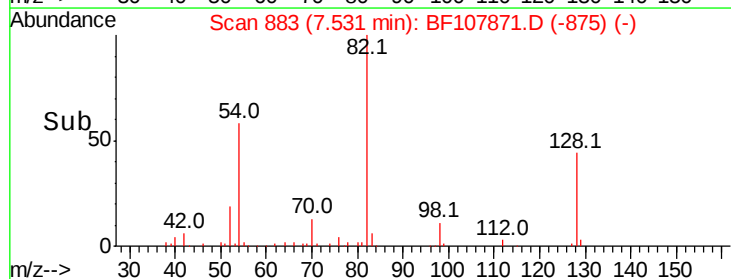
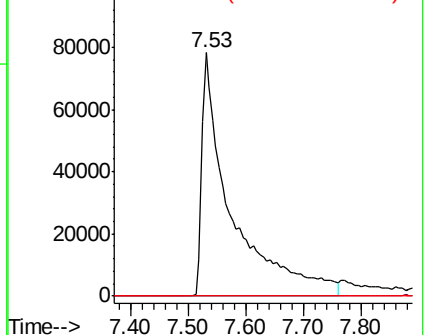
138 0.0 14.9 22.3#

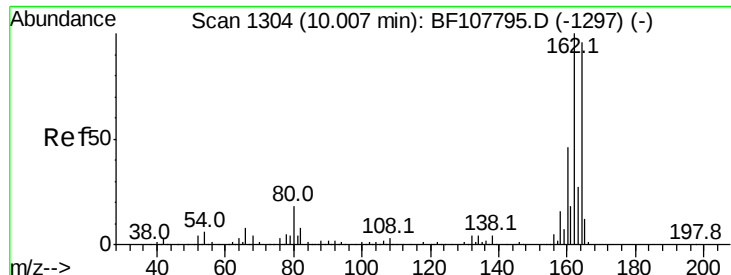


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

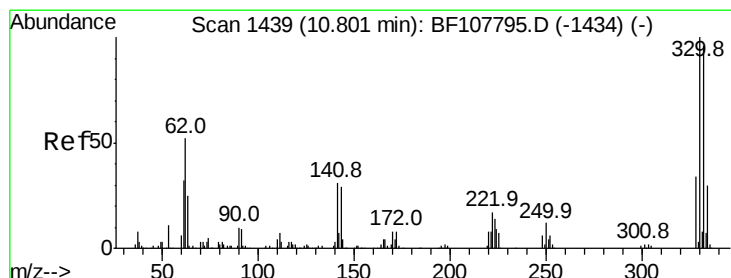
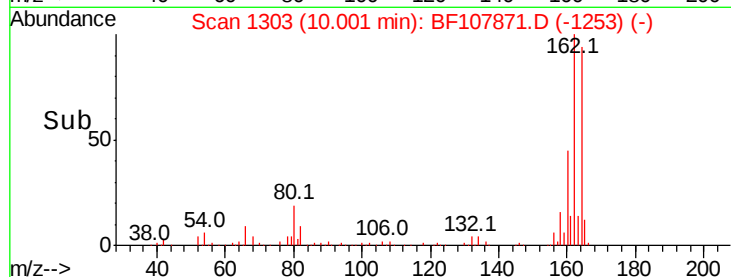
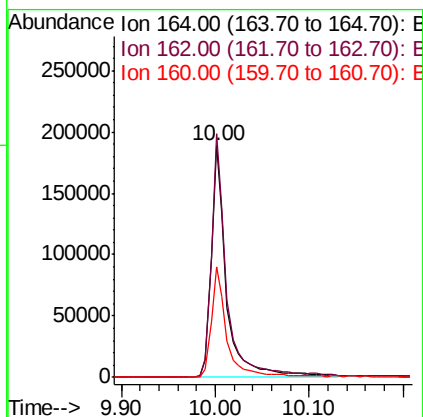
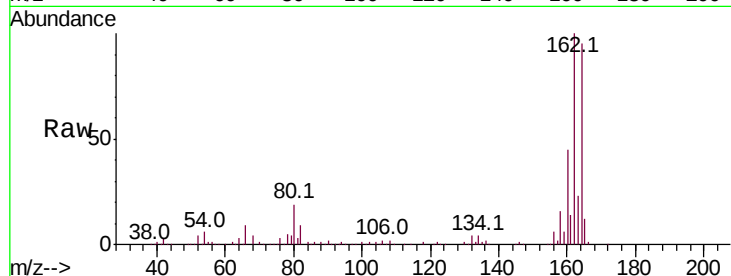




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

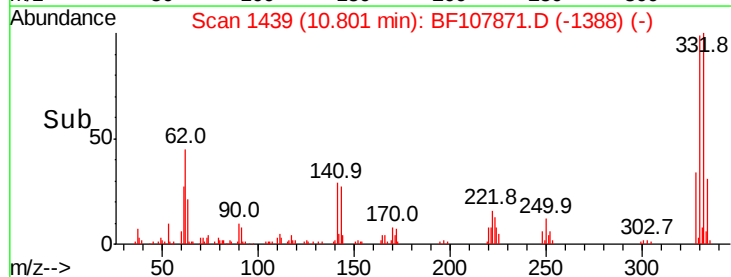
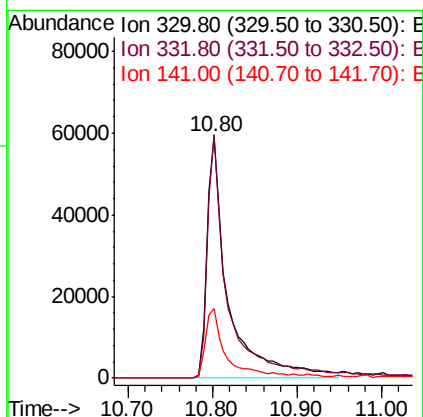
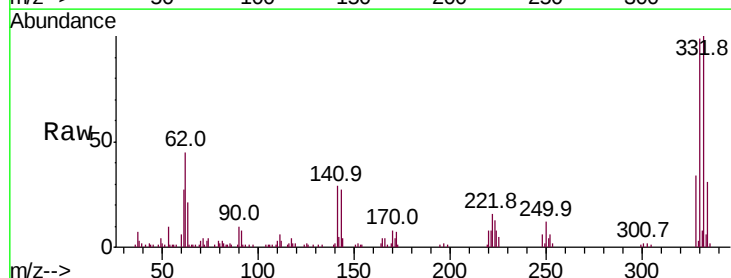
Instrument :
BNA_F
ClientSampleId :

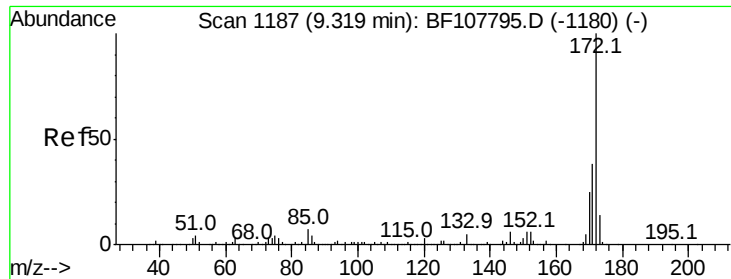
Tot Ion:164 Resp: 220495
Ion Ratio Lower Upper
164 100
162 105.0 86.1 129.1
160 47.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 34.749 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

Tgt Ion:330 Resp: 104112
Ion Ratio Lower Upper
330 100
332 98.7 77.0 115.6
141 27.8 29.9 44.9#

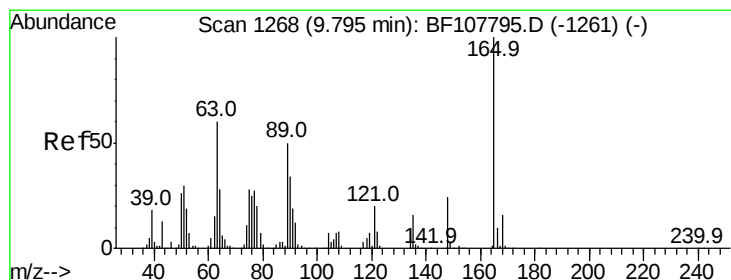
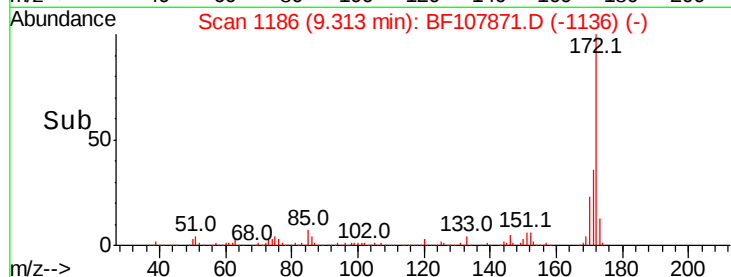
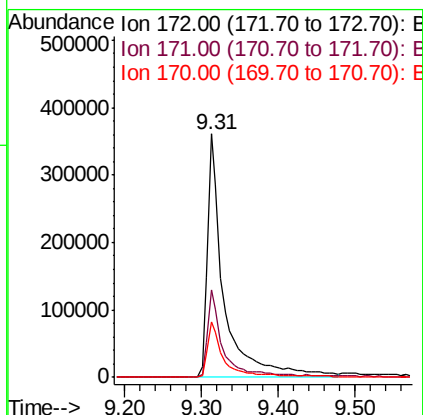
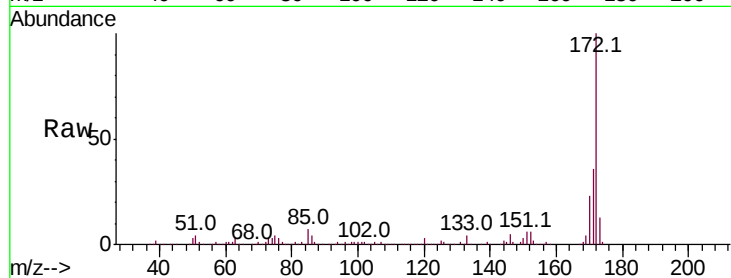




#44
 2-Fluorobiphenyl
 Concen: 34.122 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

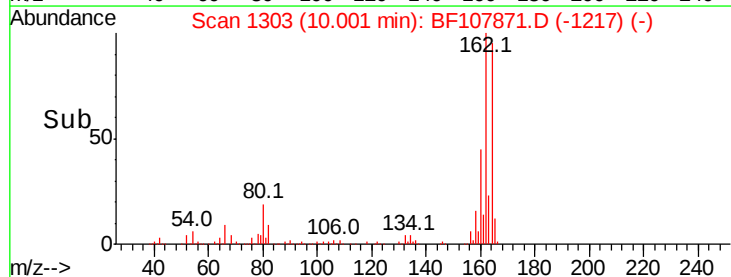
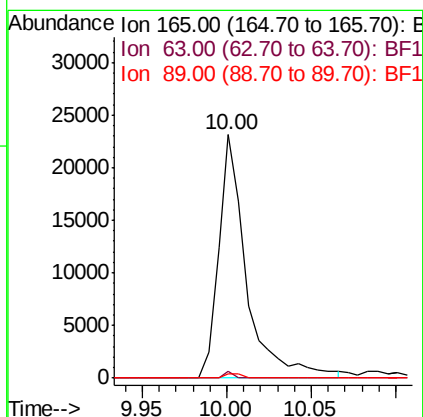
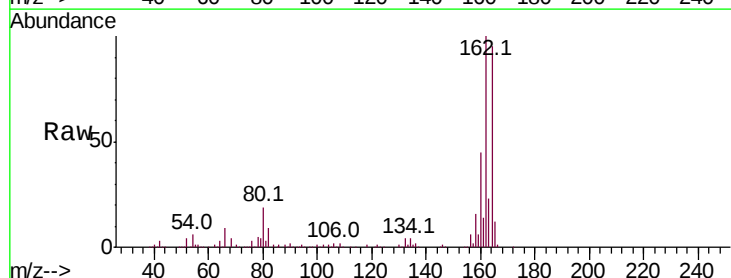
Instrument :
 BNA_F
 ClientSampleId :

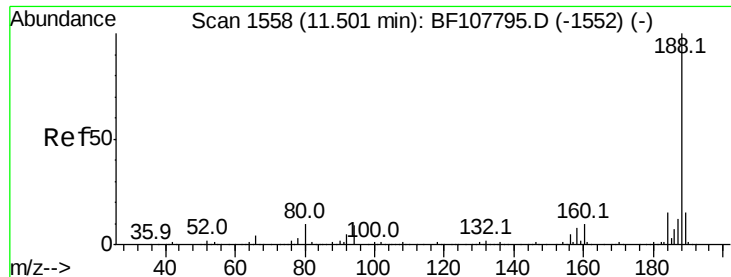
Tot Ion:172 Resp: 539922
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 22.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.417 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Tgt Ion:165 Resp: 26691
 Ion Ratio Lower Upper
 165 100
 63 2.6 44.7 67.1#
 89 1.6 44.0 66.0#

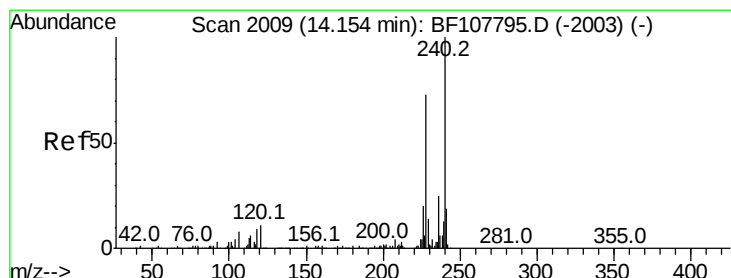
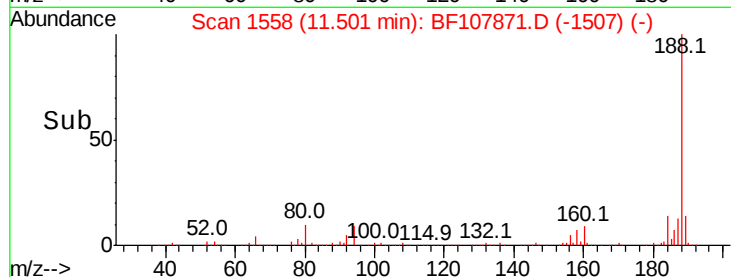
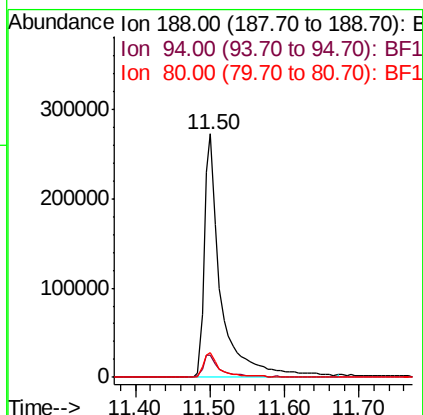
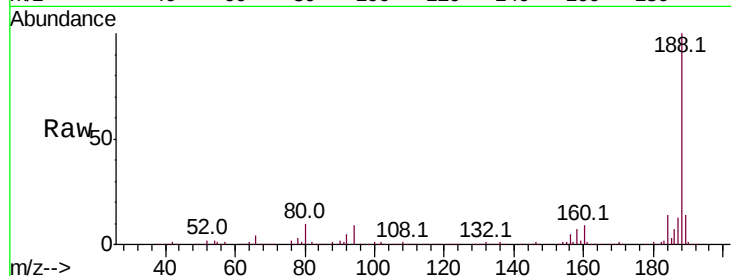




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

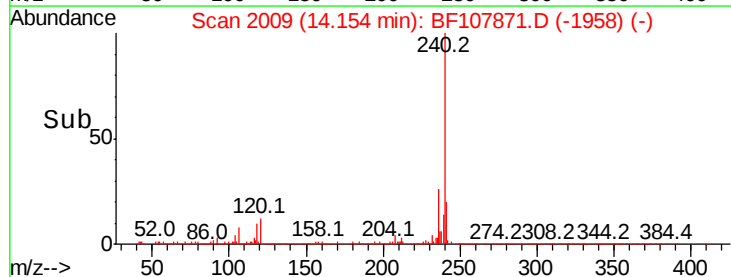
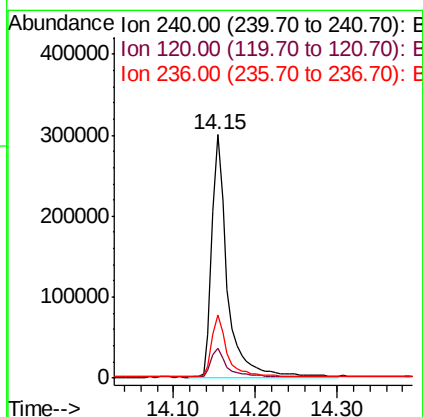
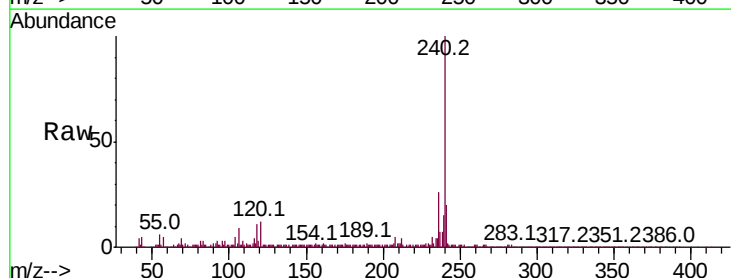
Instrument :
BNA_F
ClientSampleId :

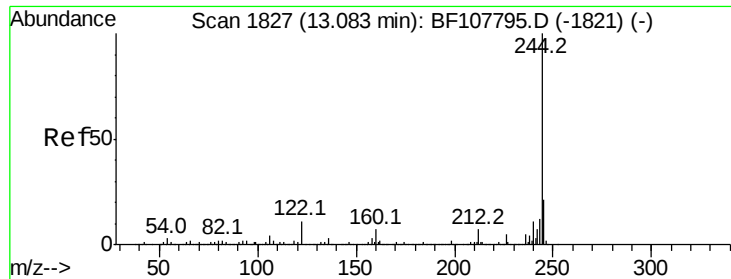
Tot Ion:188 Resp: 429112
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107871.D
Acq: 1 Aug 2018 1:01

Tgt Ion:240 Resp: 397277
Ion Ratio Lower Upper
240 100
120 12.0 9.5 14.3
236 26.0 20.7 31.1

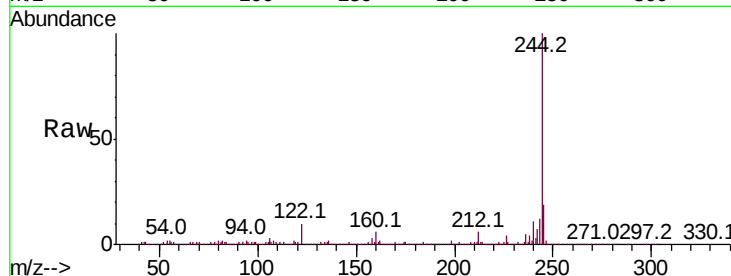




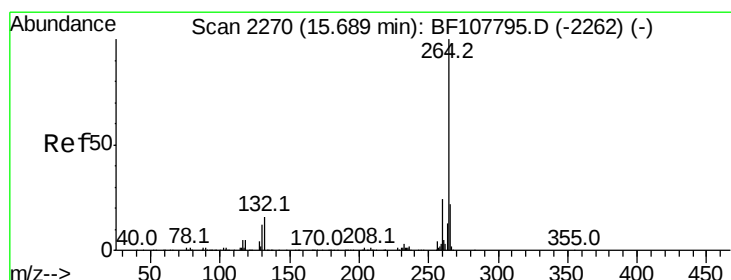
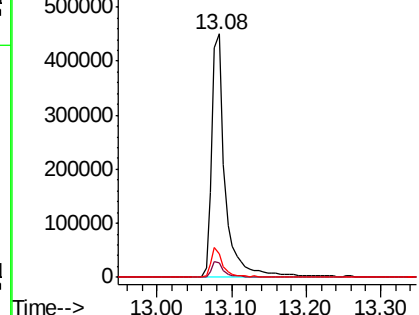
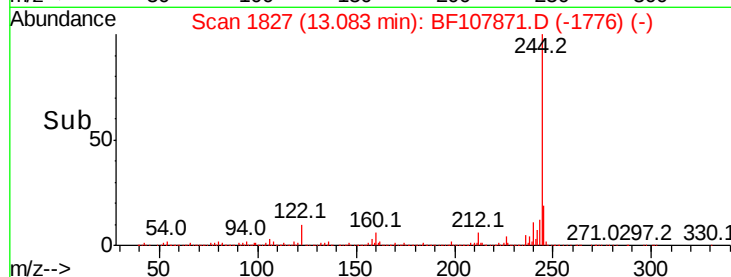
#78
 Terphenyl-d14
 Concen: 31.346 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 574284
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 9.9 11.0 16.4#

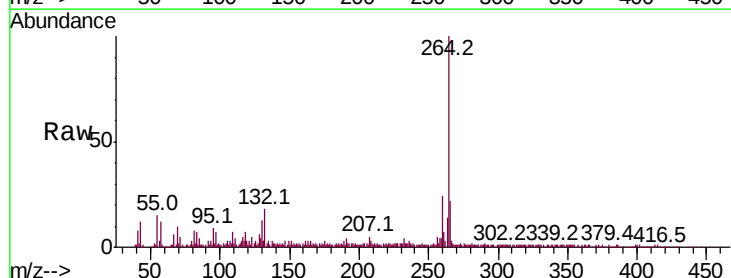


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF107871.D
 Acq: 1 Aug 2018 1:01

Tgt Ion:264 Resp: 281930
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.9 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

