

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073018\
 Data File : BF107811.D
 Acq On : 30 Jul 2018 20:20
 Operator : JU/SJ
 Sample : J4217-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 31 01:03:26 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	198124	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	875273	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	393584	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	838669	20.00	ng	0.00
75) Chrysene-d12	14.15	240	559799	20.00	ng	0.00
86) Perylene-d12	15.68	264	564333	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1253815	107.55	ng	0.00
7) Phenol-d6	6.61	99	1531162	99.66	ng	0.00
23) Nitrobenzene-d5	7.52	82	1044617	68.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	469858	87.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1719469	60.88	ng	0.00
78) Terphenyl-d14	13.08	244	1661156	64.35	ng	0.00

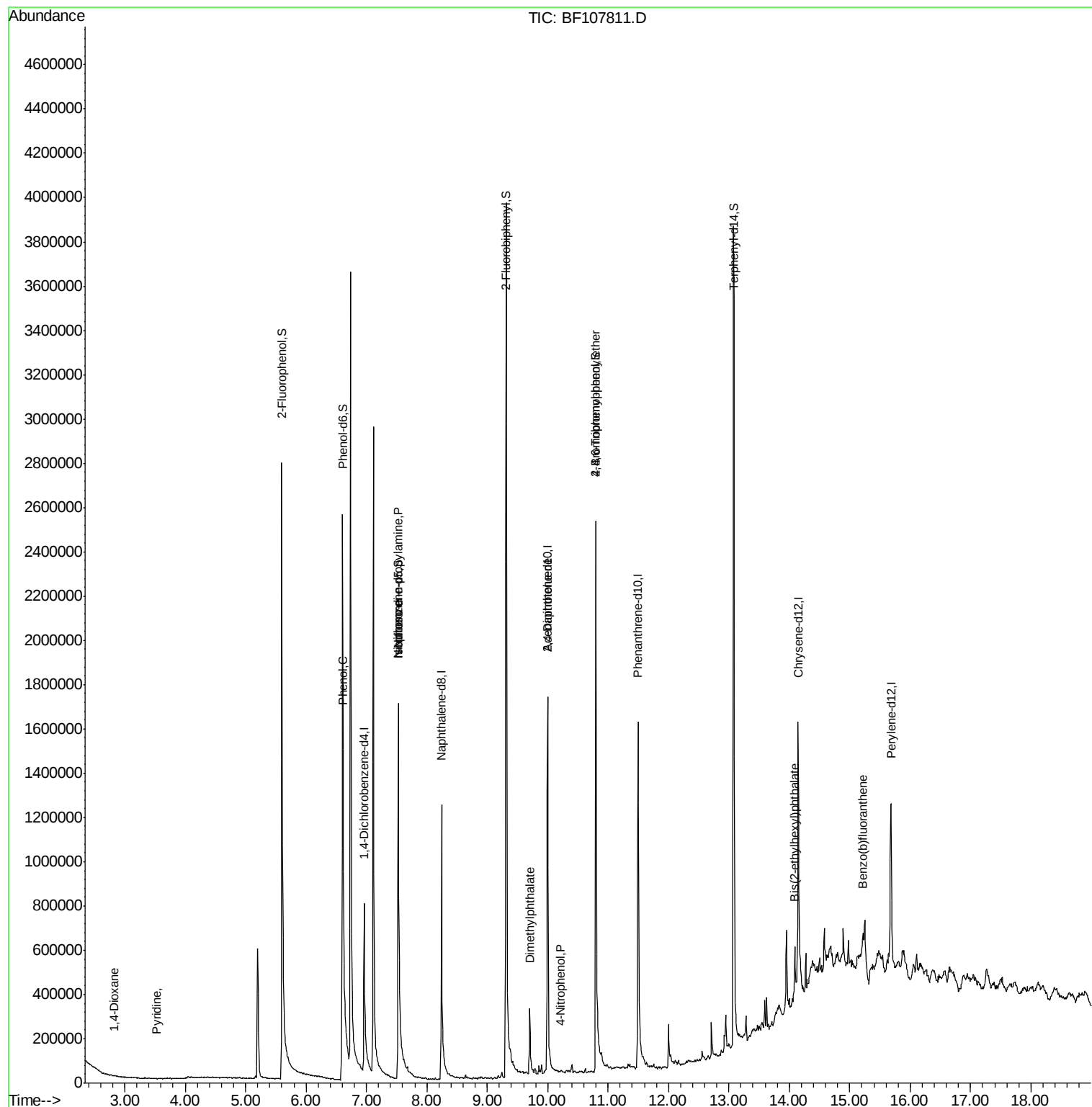
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.82	88	291	5.840	ng	# 20
3) Pyridine	3.52	79	109	6.261	ng	# 1
10) Phenol	6.62	94	73255	3.998	ng	# 55
19) n-Nitroso-di-n-propylamine	7.52	70	125208	12.847	ng	# 82
25) Isophorone	7.52	82	1044617	41.887	ng	# 64
49) Dimethylphthalate	9.71	163	152310	5.153	ng	# 99
55) 4-Nitrophenol	10.22	139	1345	9.624	ng	# 1
56) 2,4-Dinitrotoluene	10.00	165	51750	6.129	ng	# 24
66) 4-Bromophenyl-phenylether	10.80	248	28357	2.901	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	50015	2.254	ng	# 98
87) Benzo(b)fluoranthene	15.23	252	57253	2.057	ng	# 53

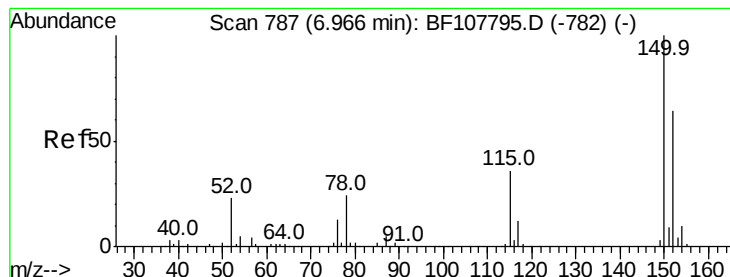
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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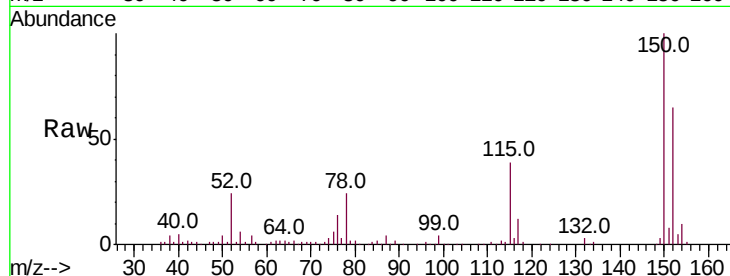


#1

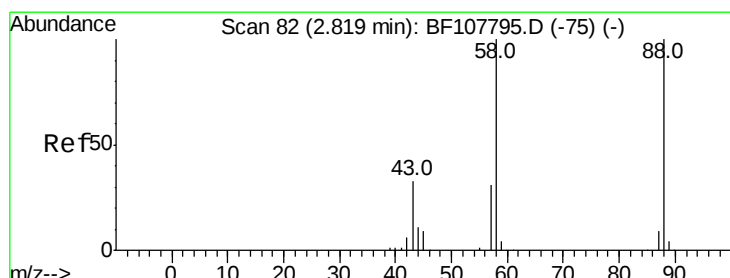
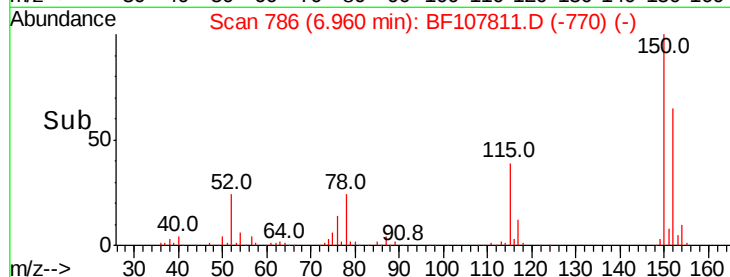
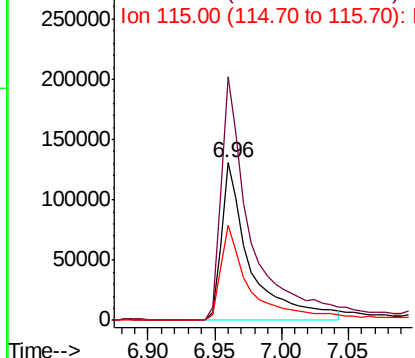
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 198124
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.3 50.1 75.1



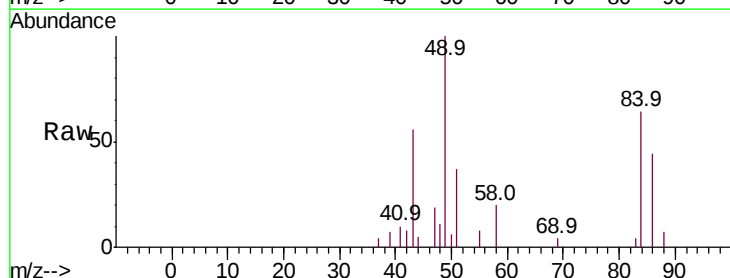
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



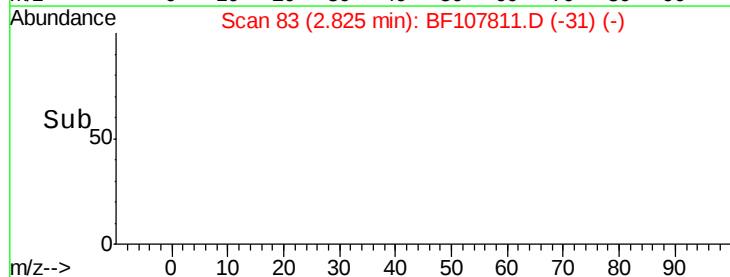
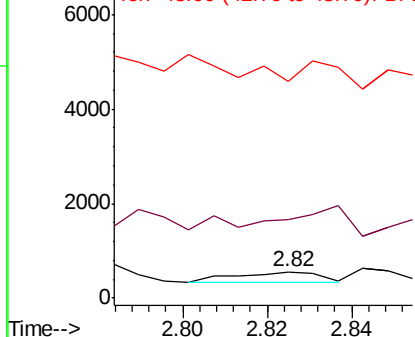
#2

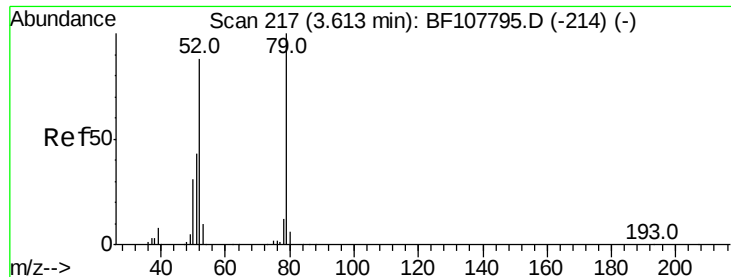
1,4-Dioxane
Concen: 5.840 ng
RT: 2.82 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion: 88 Resp: 291
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 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





#3

Pvridine

Concen: 6.261 ng

RT: 3.52 min Scan# 202

Delta R.T. -0.09 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Instrument :

BNA_F

ClientSampleId :

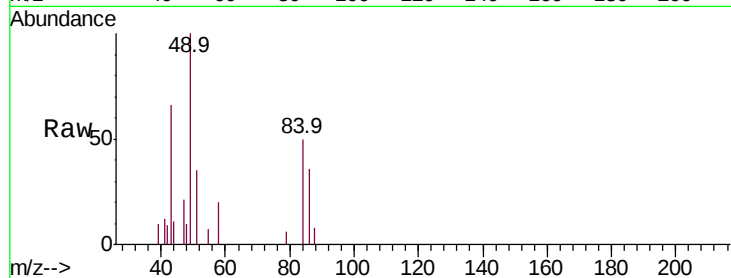
Tot Ion: 79 Resp: 109

Ion Ratio Lower Upper

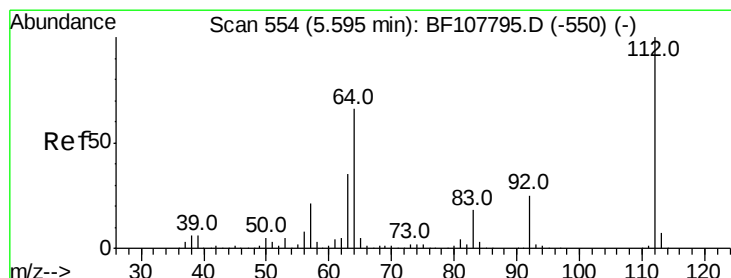
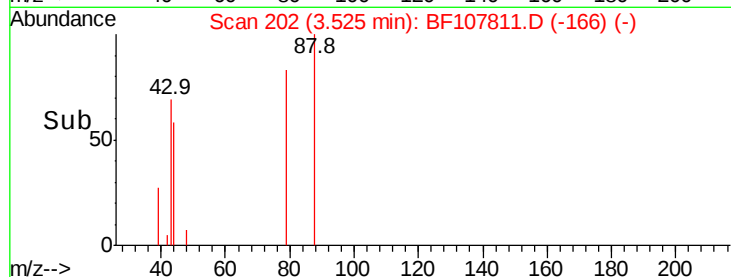
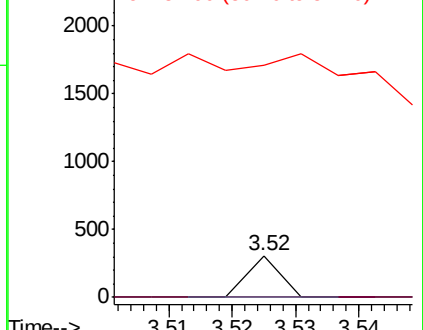
79 100

52 0.0 59.8 89.6#

51 556.8 29.8 44.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#5

2-Fluorophenol

Concen: 107.555 ng

RT: 5.60 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

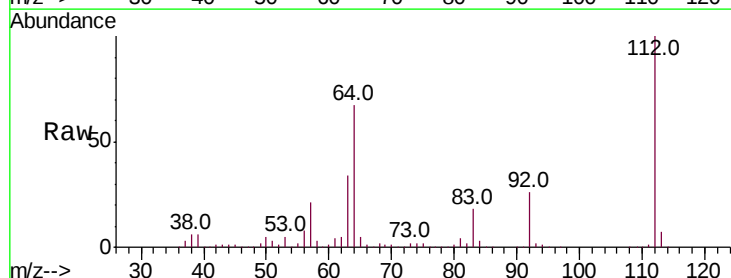
Tgt Ion: 112 Resp: 1253815

Ion Ratio Lower Upper

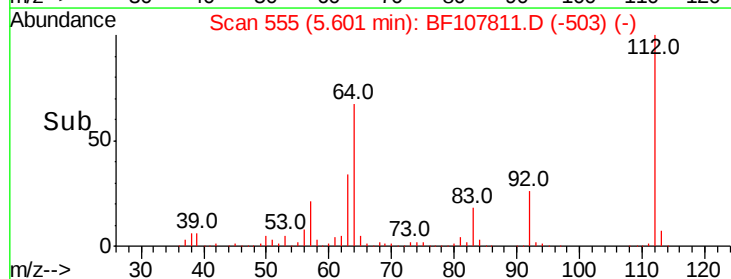
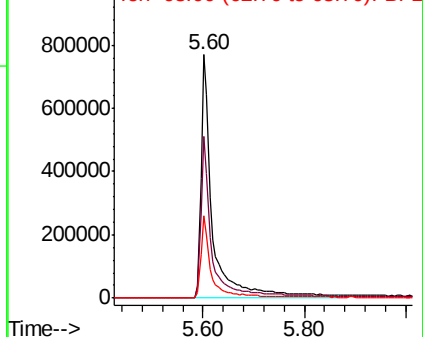
112 100

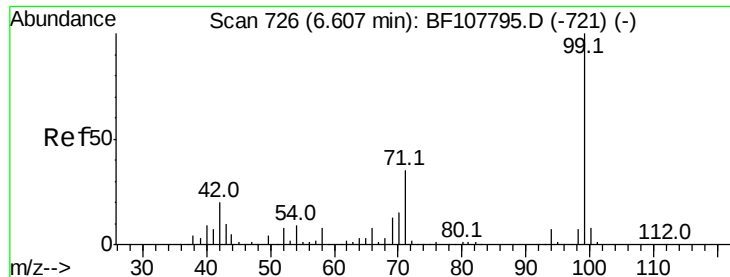
64 66.7 47.9 71.9

63 33.8 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: 99.660 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

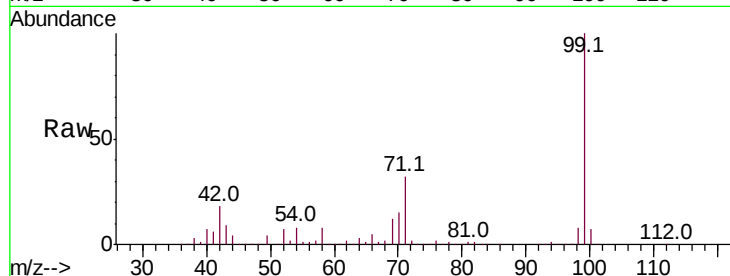
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1531162

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	31.9	25.4	38.0

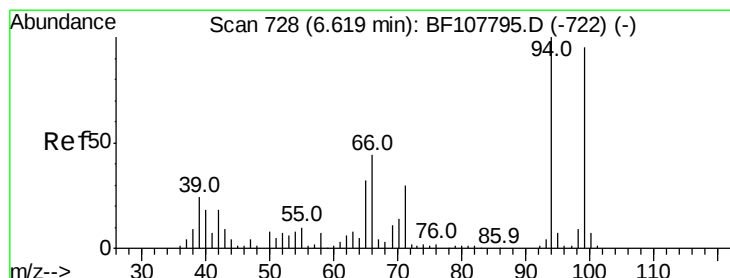
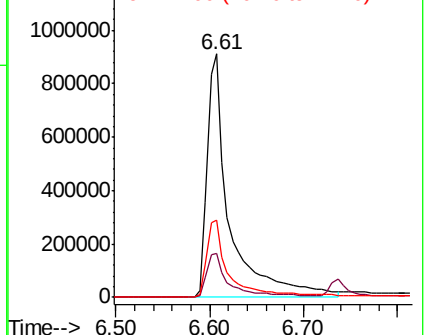
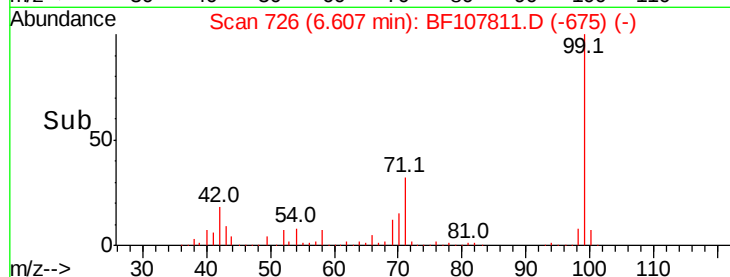


Abundance

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: 3.998 ng

RT: 6.62 min Scan# 728

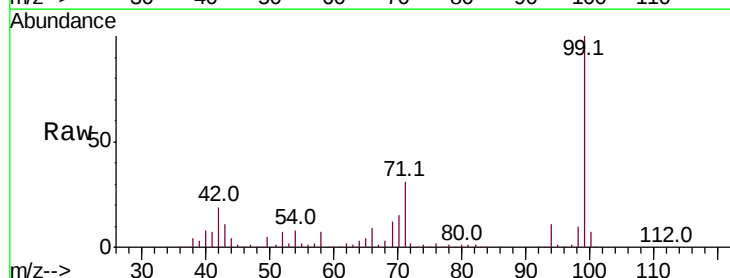
Delta R.T. 0.00 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Tgt Ion: 94 Resp: 73255

Ion	Ratio	Lower	Upper
94	100		
65	34.9	7.9	47.9
66	77.5	16.2	56.2

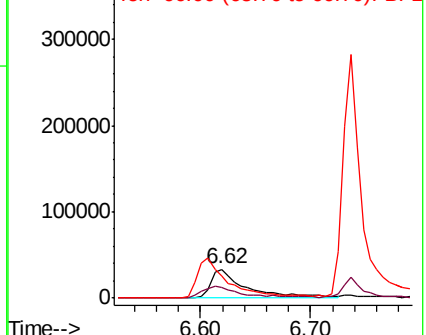
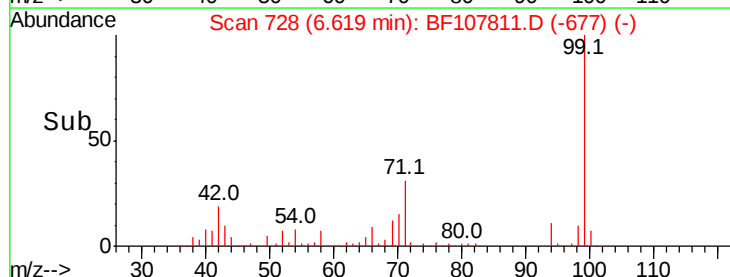


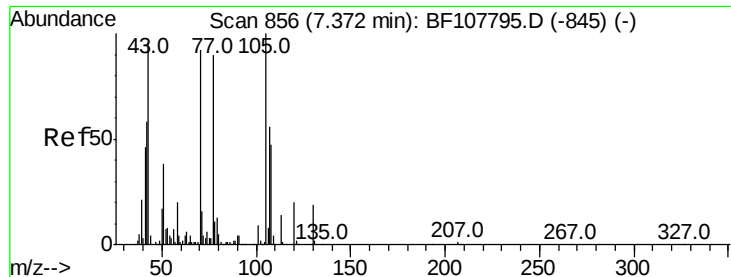
Abundance

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

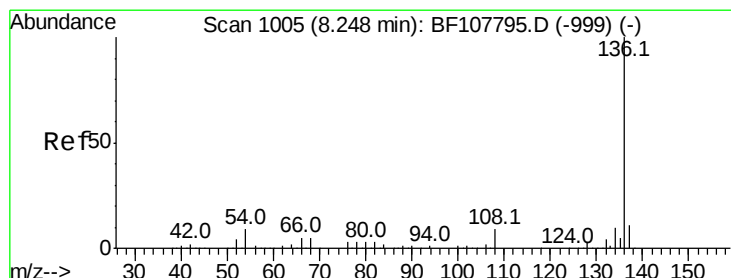
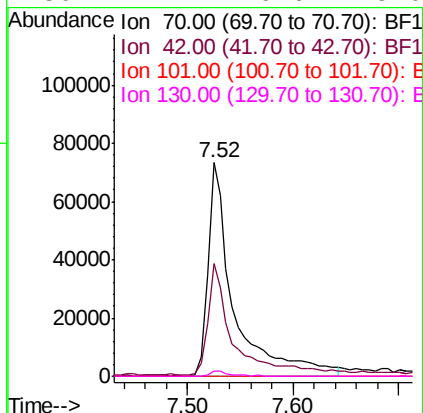
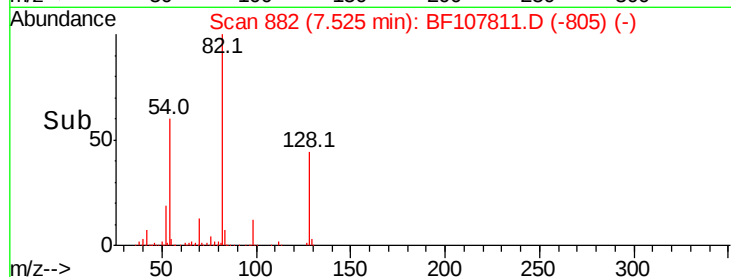
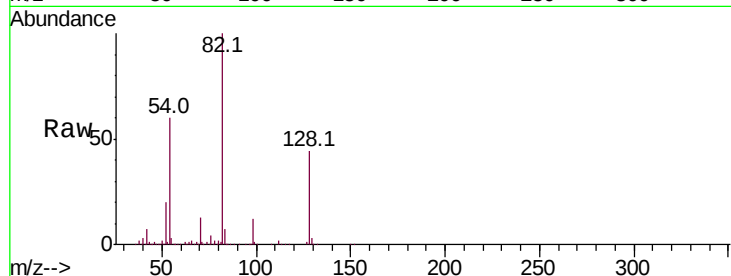




#19
n-Nitroso-di-n-propylamine
Concen: 12.847 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.15 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

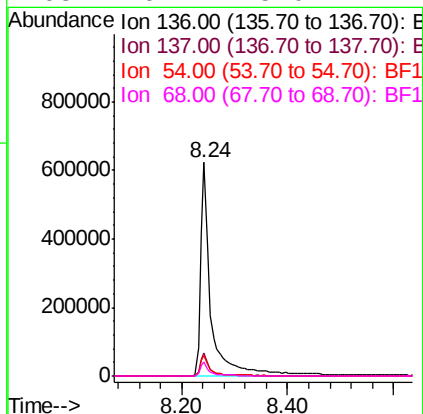
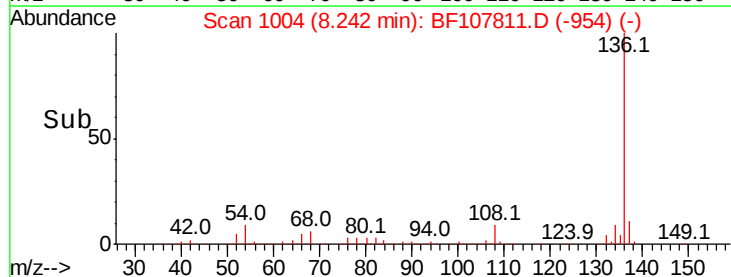
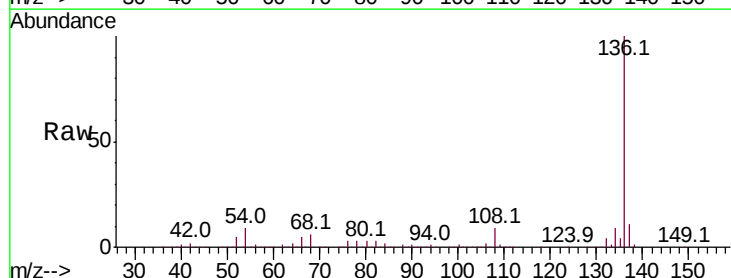
Instrument :
BNA_F
ClientSampleId :

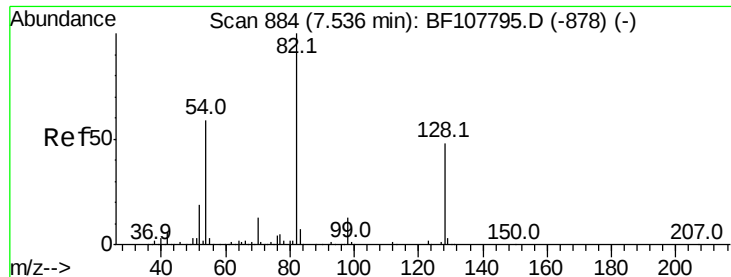
Tot Ion: 70 Resp: 125208
Ion Ratio Lower Upper
70 100
42 52.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion: 136 Resp: 875273
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.3 6.6 9.8
68 6.4 5.0 7.4

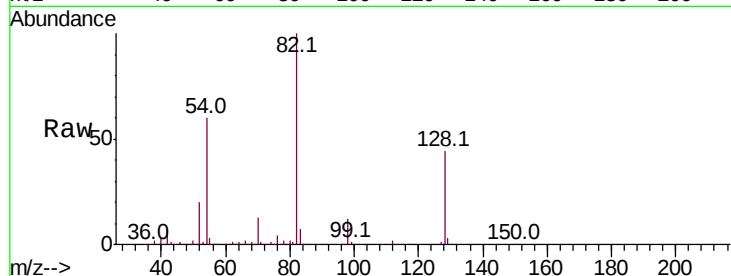




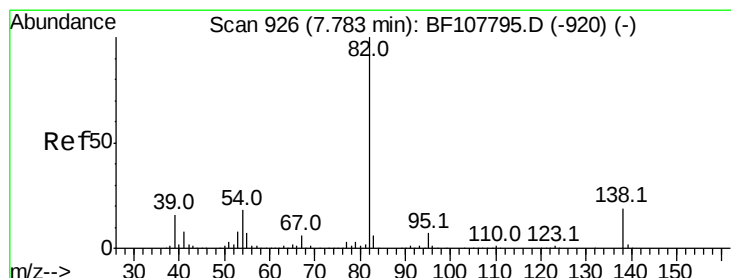
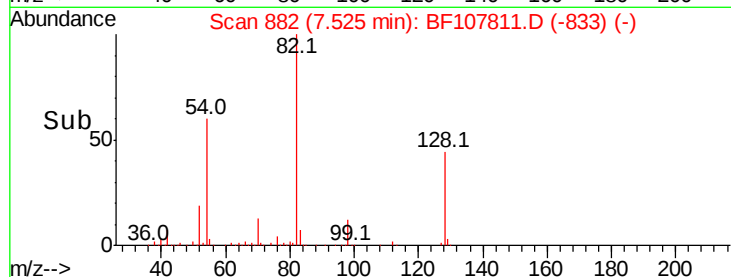
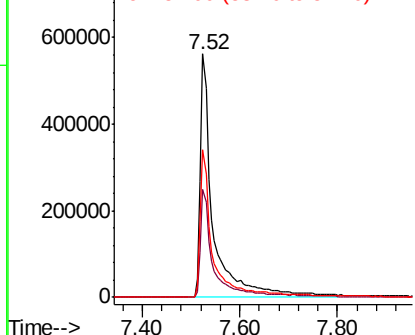
#23
Nitrobenzene-d5
Concen: 68.757 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1044617
Ion Ratio Lower Upper
82 100
128 44.1 36.1 54.1
54 60.4 41.4 62.2

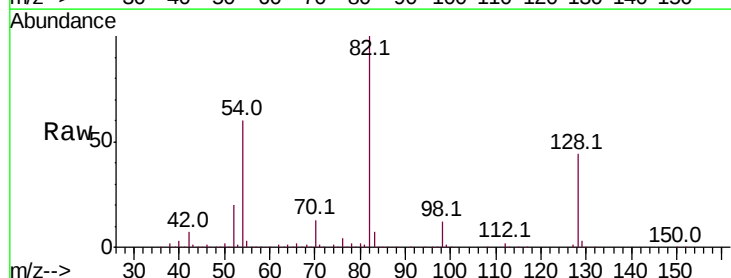


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

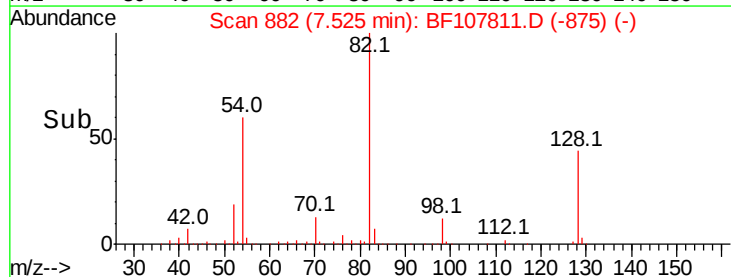
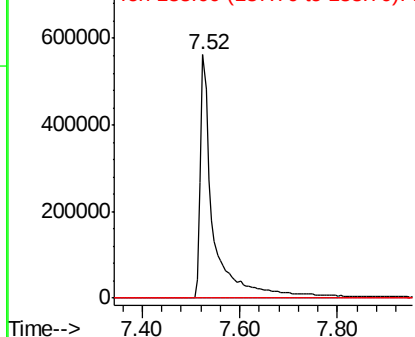


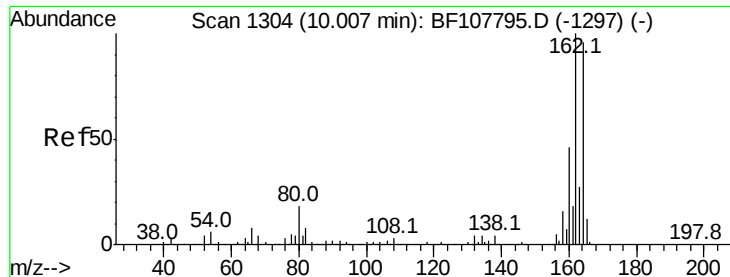
#25
Isophorone
Concen: 41.887 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion: 82 Resp: 1044617
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

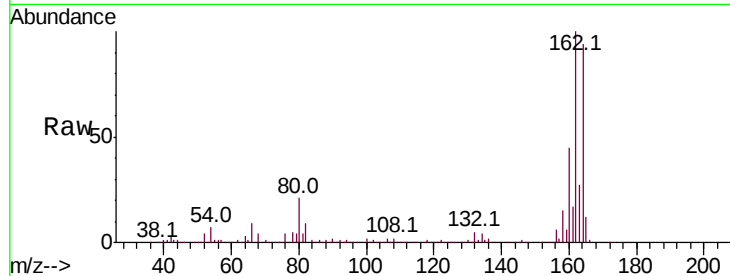




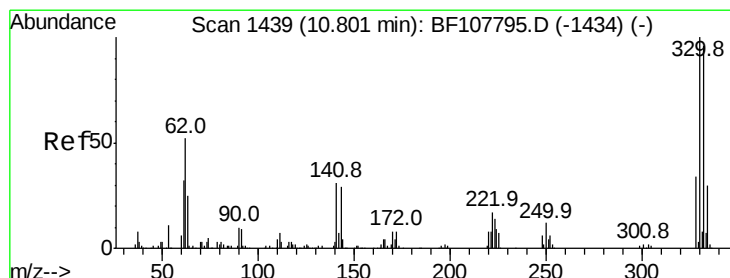
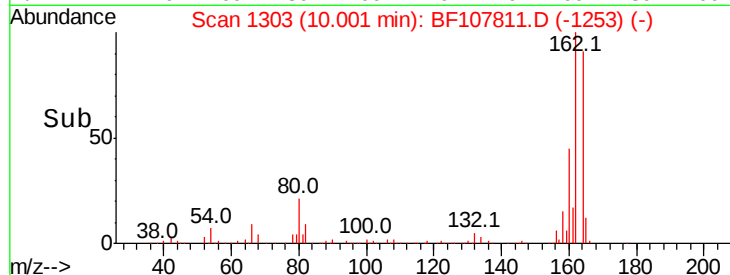
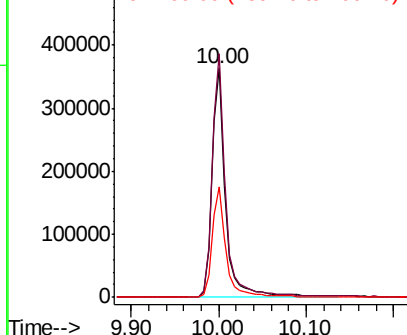
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 393584
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 48.2 38.3 57.5

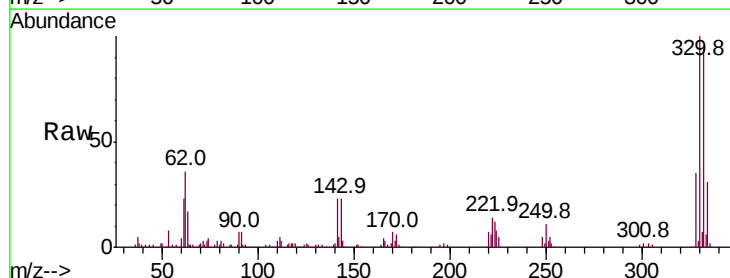


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

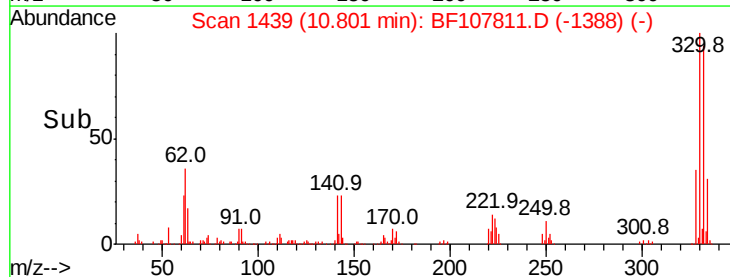
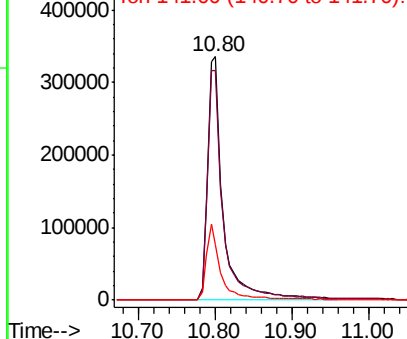


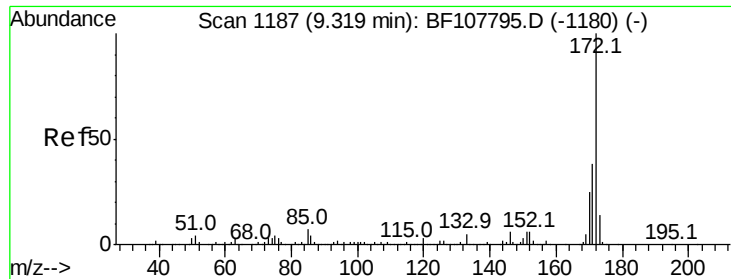
#41
2,4,6-Tribromophenol
Concen: 87.857 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion:330 Resp: 469858
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 30.5 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

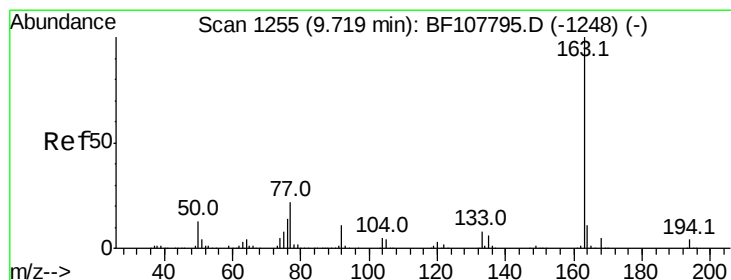
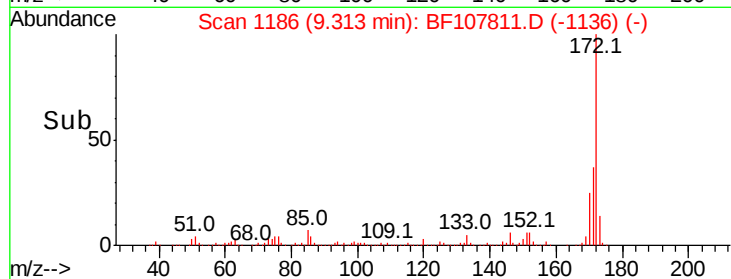
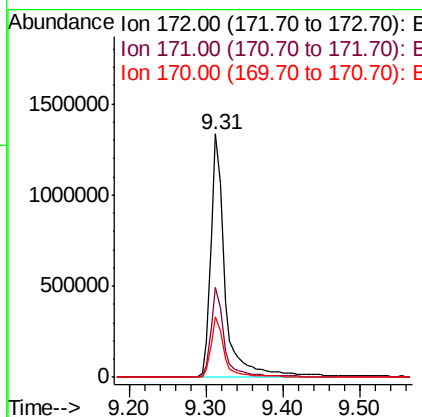
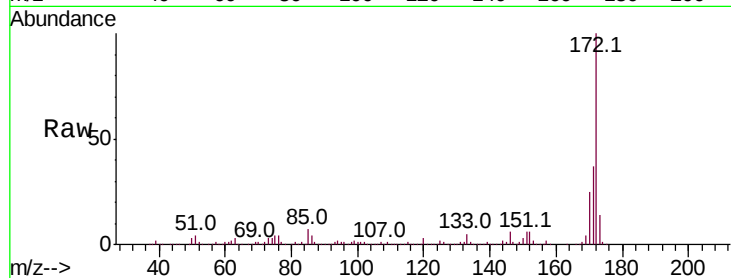




#44
2-Fluorobiphenyl
Concen: 60.878 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

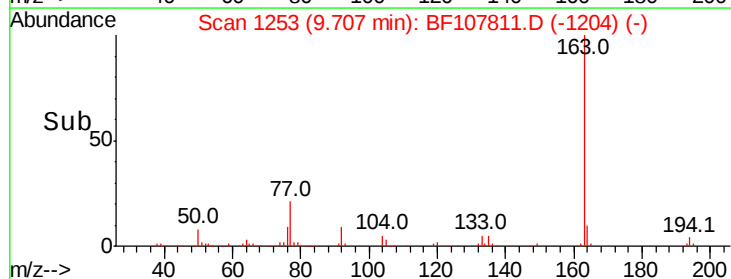
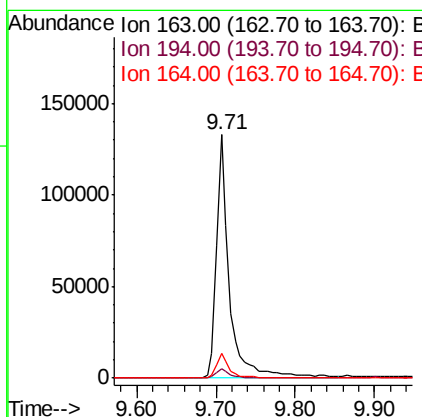
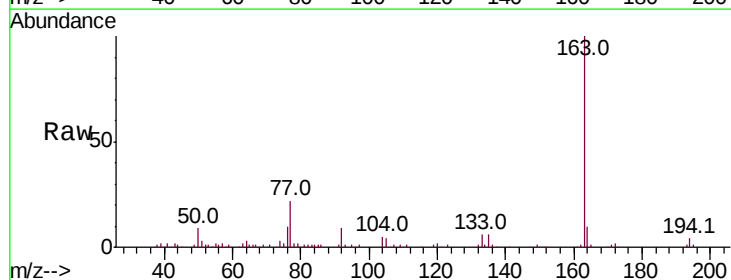
Instrument :
BNA_F
ClientSampleId :

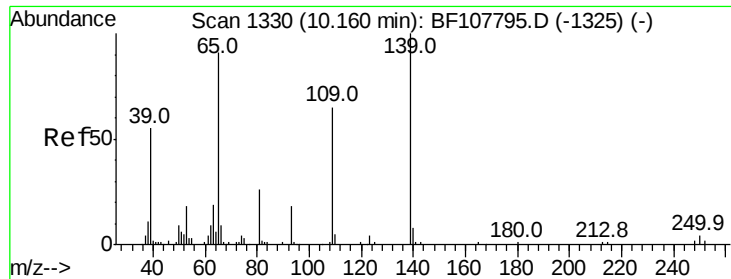
Tot Ion:172 Resp: 1719469
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 5.153 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion:163 Resp: 152310
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 10.0 8.2 12.2





#55

4-Nitrophenol

Concen: 9.624 ng

RT: 10.22 min Scan# 1340

Delta R.T. 0.06 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Instrument :

BNA_F

ClientSampleId :

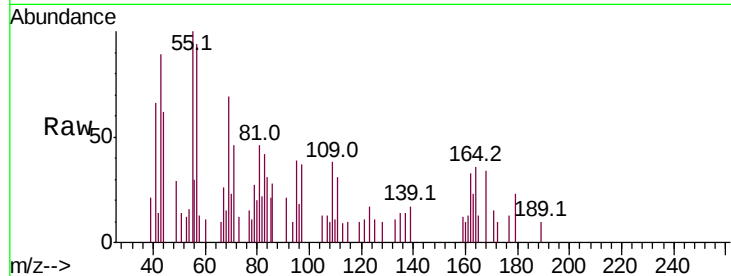
Tot Ion:139 Resp: 1345

Ion Ratio Lower Upper

139 100

109 217.0 48.4 88.4#

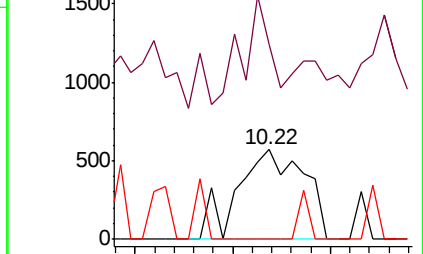
65 0.0 72.6 112.6#



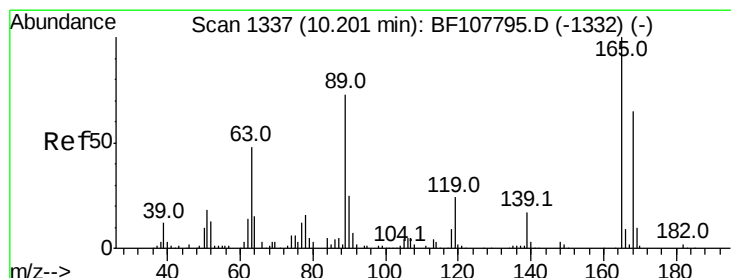
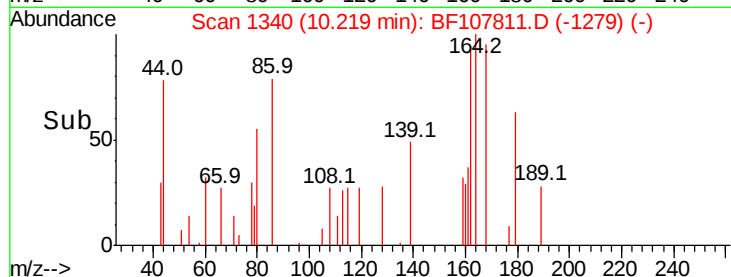
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



Time-->



#56

2,4-Dinitrotoluene

Concen: 6.129 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Tgt Ion:165 Resp: 51750

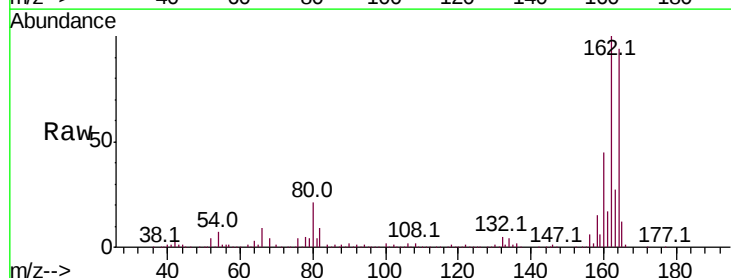
Ion Ratio Lower Upper

165 100

63 2.5 36.4 54.6#

89 1.6 57.8 86.6#

182 0.0 1.6 2.4#

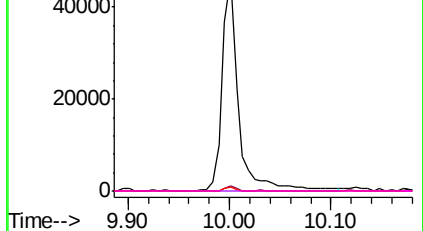


Abundance Ion 165.00 (164.70 to 165.70): E

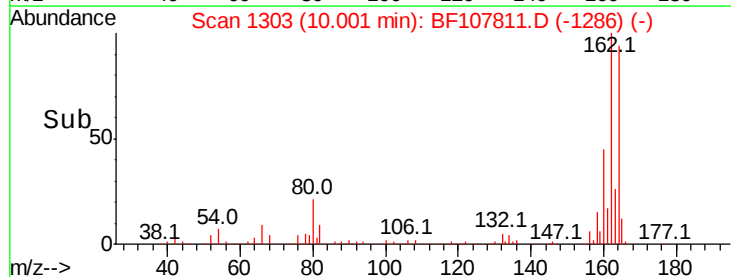
Ion 63.00 (62.70 to 63.70): BF1

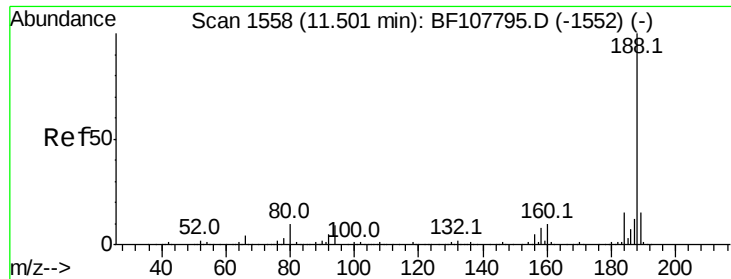
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->

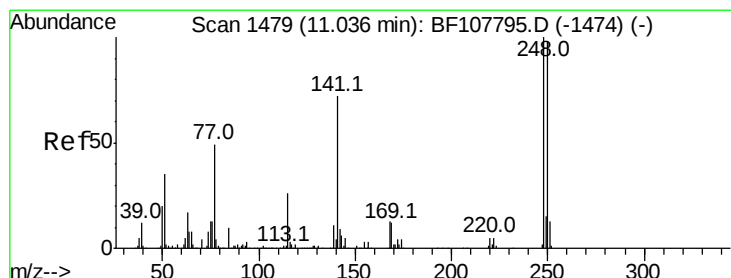
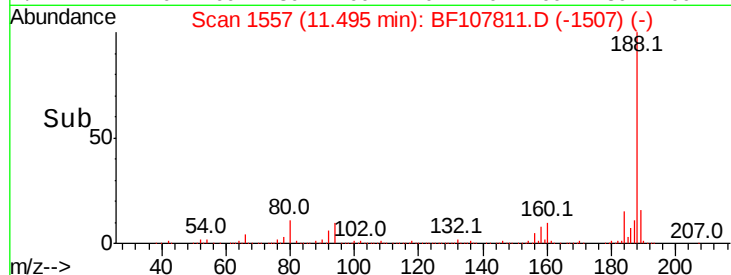
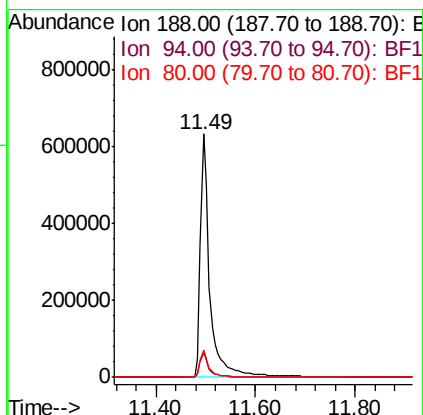
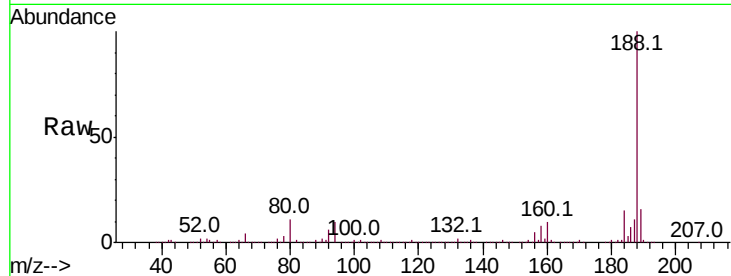




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF107811.D
 Acq: 30 Jul 2018 20:20

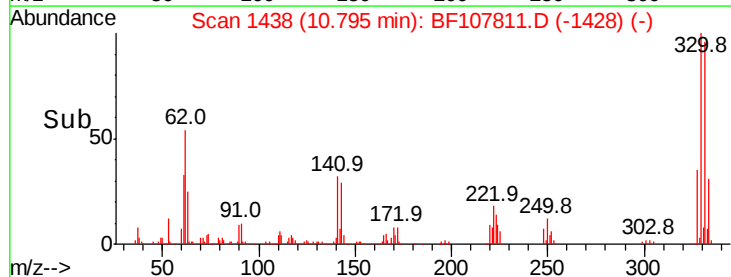
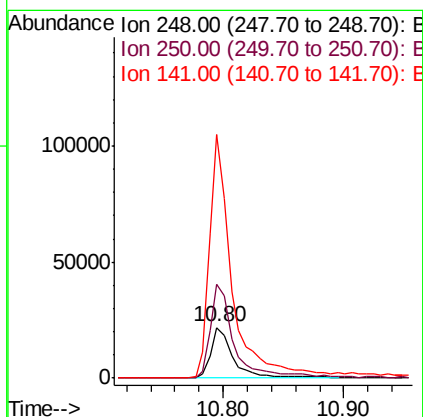
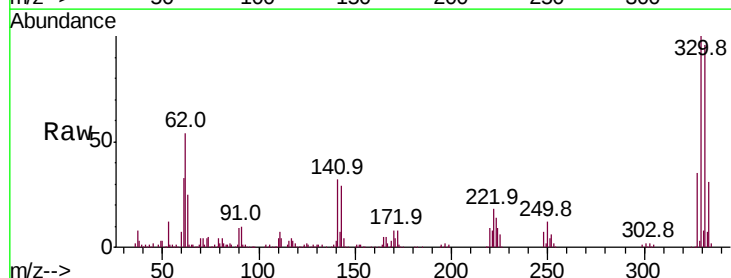
Instrument :
 BNA_F
 ClientSampleId :

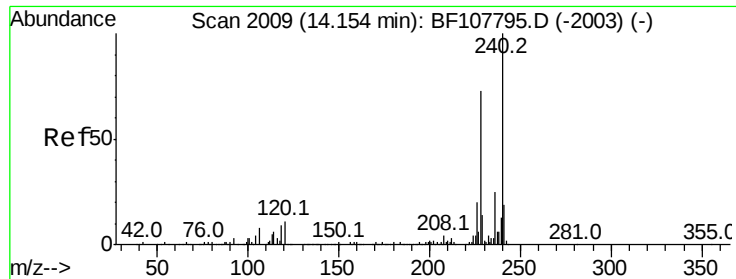
Tot Ion:188 Resp: 838669
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.5 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.901 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF107811.D
 Acq: 30 Jul 2018 20:20

Tgt Ion:248 Resp: 28357
 Ion Ratio Lower Upper
 248 100
 250 185.2 76.9 115.3#
 141 478.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

Instrument :

BNA_F

ClientSampleId :

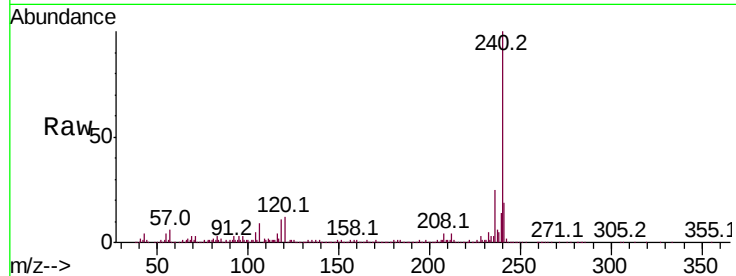
Tot Ion:240 Resp: 559799

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

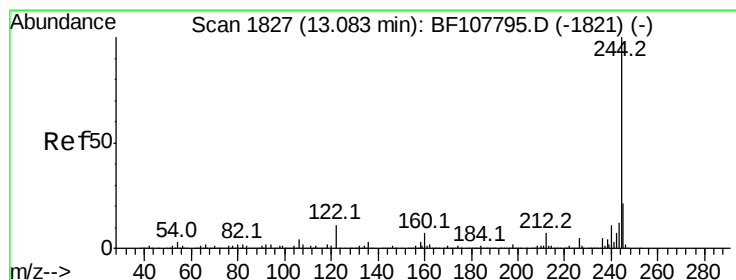
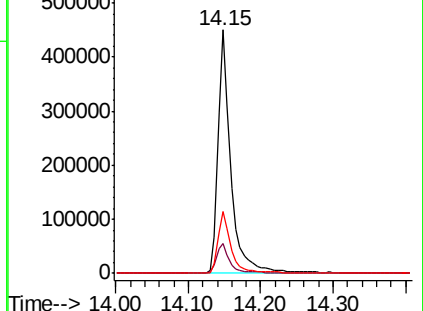
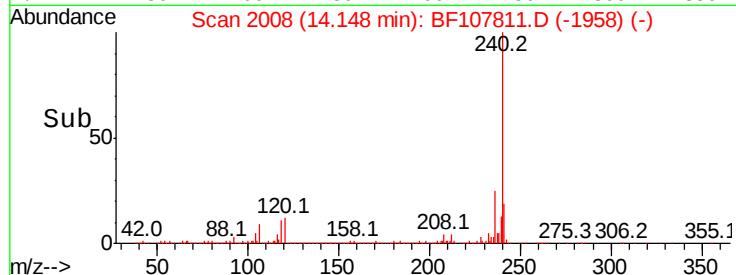
236 25.2 20.7 31.1



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: 64.346 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107811.D

Acq: 30 Jul 2018 20:20

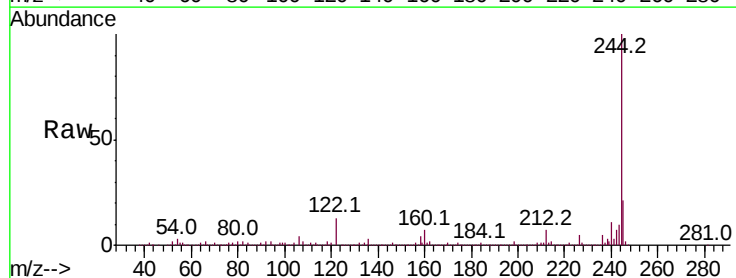
Tgt Ion:244 Resp: 1661156

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

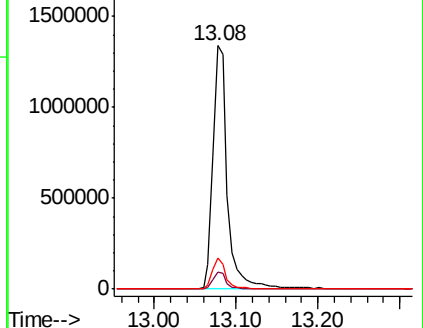
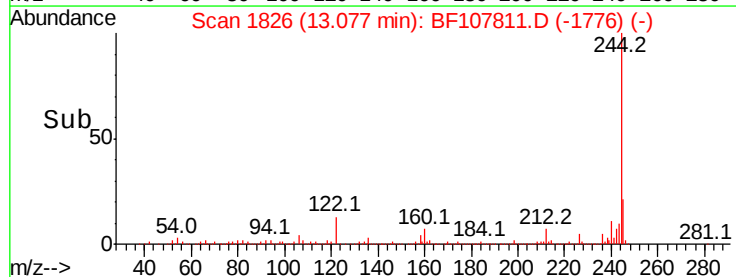
122 12.6 11.0 16.4

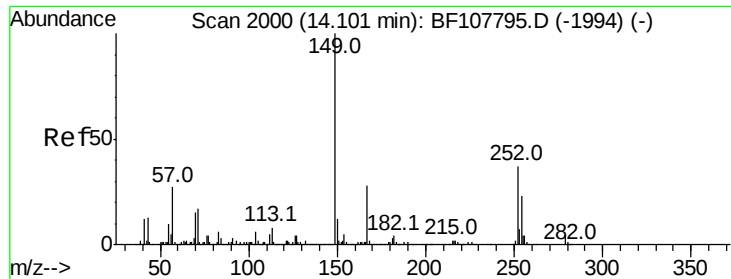


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

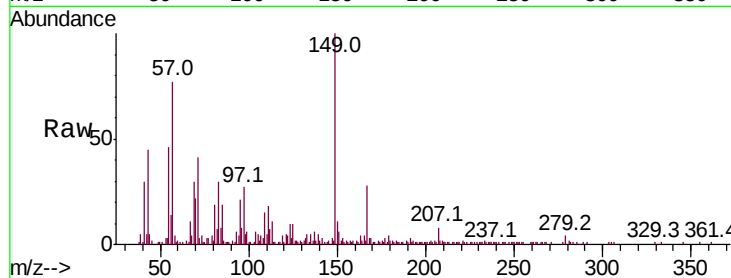




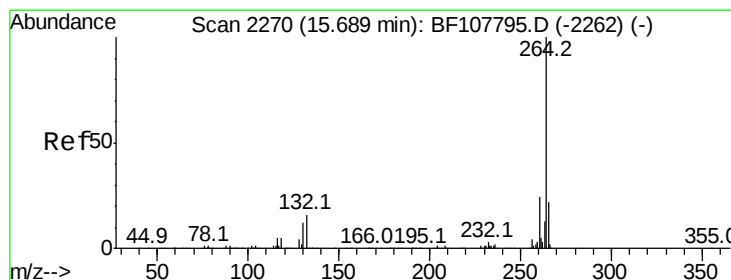
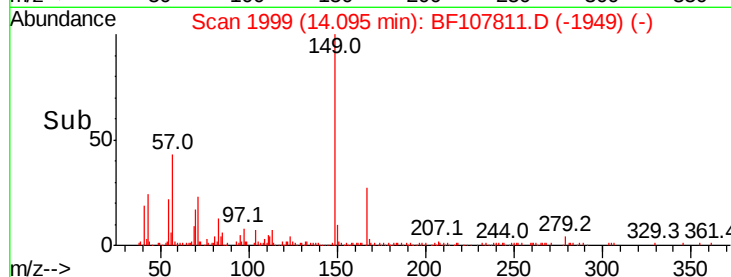
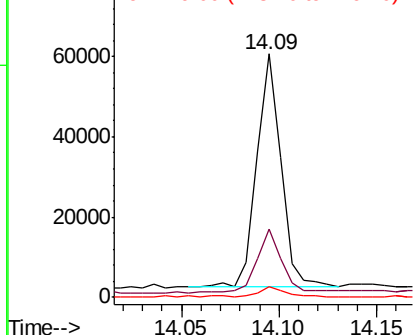
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.254 ng
RT: 14.09 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 50015
Ion Ratio Lower Upper
149 100
167 27.9 21.3 31.9
279 4.2 3.0 4.4

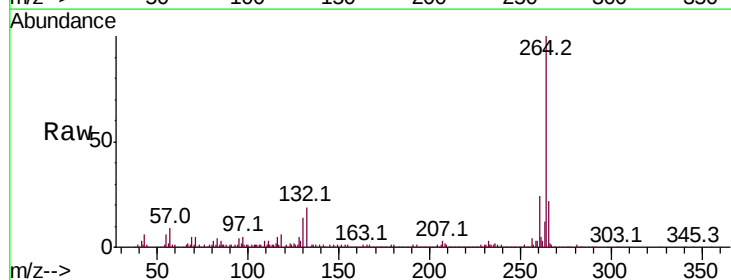


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

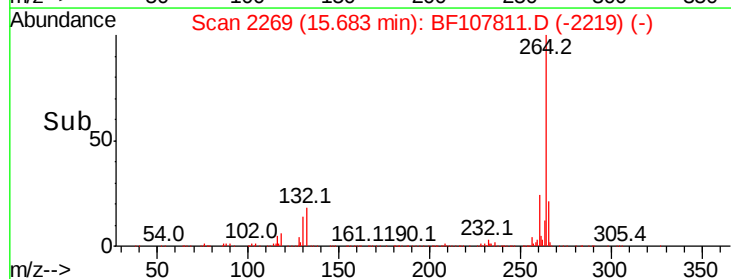
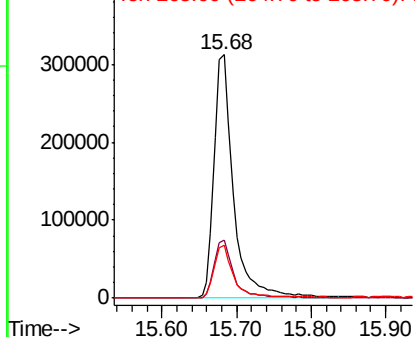


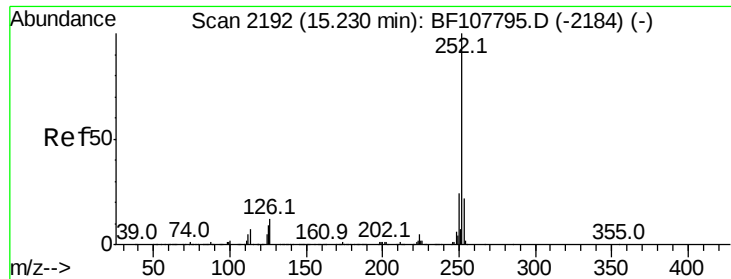
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107811.D
Acq: 30 Jul 2018 20:20

Tgt Ion:264 Resp: 564333
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.5 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





#87
 Benzo(b)fluoranthene
 Concen: 2.057 ng
 RT: 15.23 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BF107811.D
 Acq: 30 Jul 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.0	25.6#
125	53.6	9.0	13.6#

