

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107904.D
 Acq On : 1 Aug 2018 22:05
 Operator : JU/SJ
 Sample : J4250-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 01:00:48 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	137568	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	617609	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	270989	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	509290	20.00	ng	0.00
75) Chrysene-d12	14.15	240	375006	20.00	ng	0.00
86) Perylene-d12	15.68	264	402369	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	484026	59.80	ng	0.00
7) Phenol-d6	6.61	99	361776	33.91	ng	0.00
23) Nitrobenzene-d5	7.53	82	928188	86.58	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	424673	115.33	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1758850	90.44	ng	0.00
78) Terphenyl-d14	13.08	244	1419753	82.10	ng	0.00

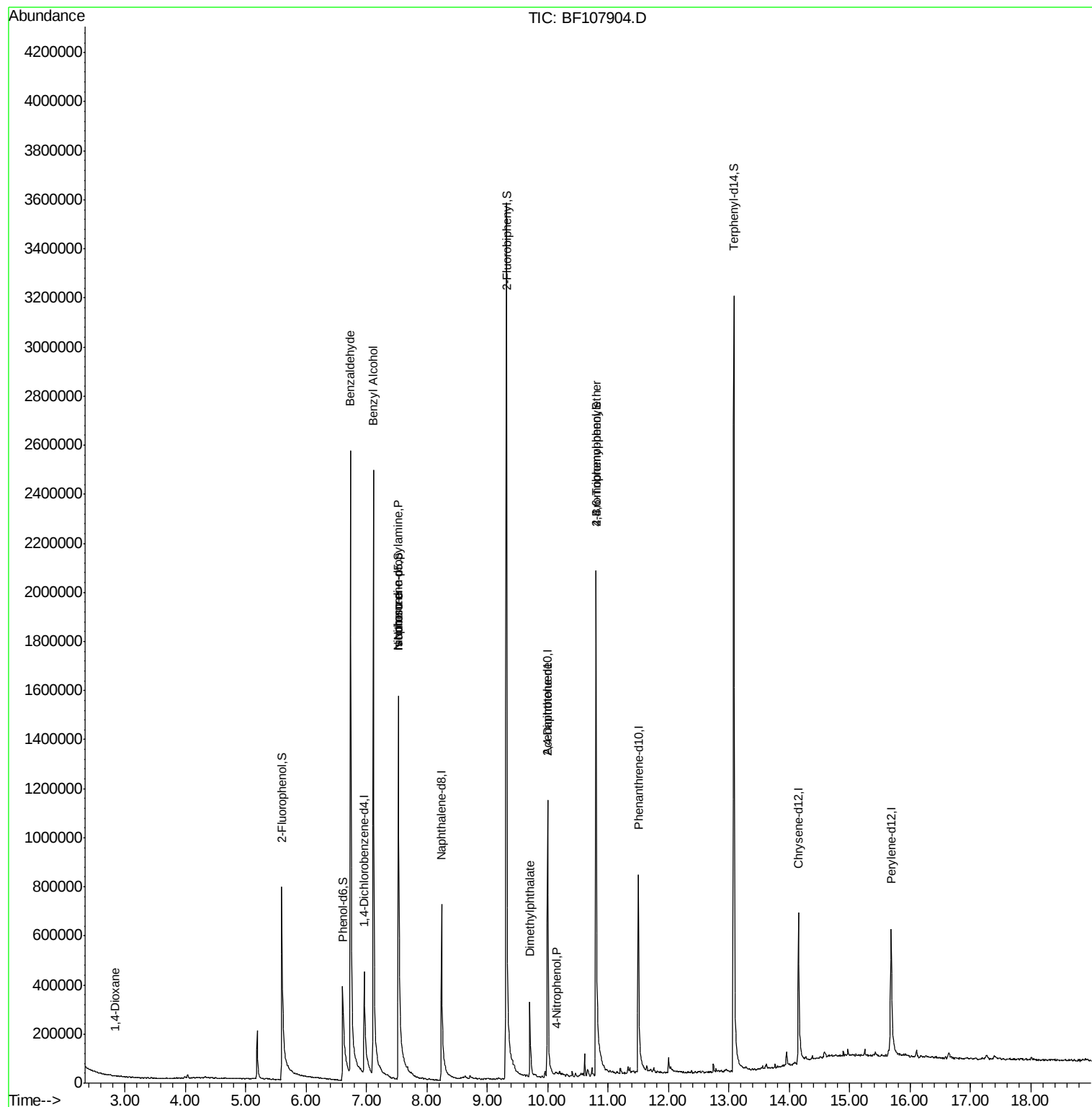
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.84	88	170	5.833	ng	# 1
9) Benzaldehyde	6.74	77	19305	2.999	ng	# 81
15) Benzyl Alcohol	7.11	79	13699	2.066	ng	# 40
19) n-Nitroso-di-n-propylamine	7.53	70	111706	16.507	ng	# 77
25) Isophorone	7.53	82	928188	52.745	ng	# 64
49) Dimethylphthalate	9.71	163	182554	8.970	ng	# 99
55) 4-Nitrophenol	10.16	139	341	9.427	ng	# 33
56) 2,4-Dinitrotoluene	10.00	165	34089	5.864	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	22816	3.844	ng	# 1

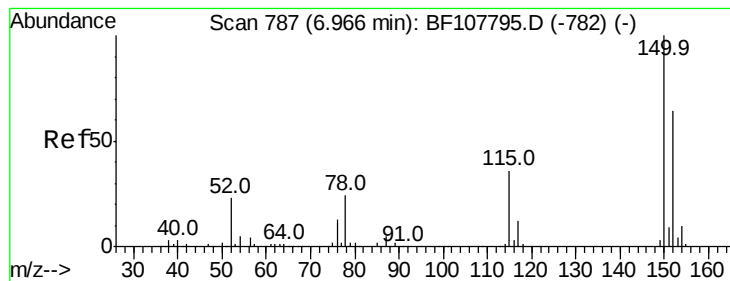
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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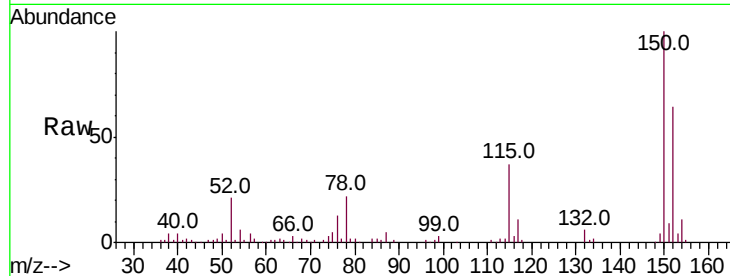


#1

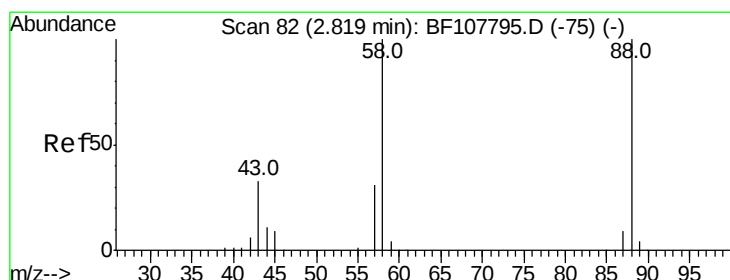
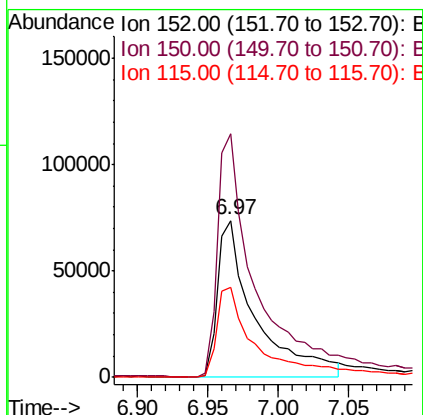
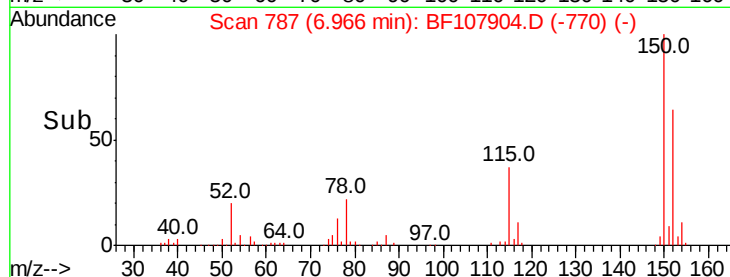
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137568
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.1 50.1 75.1



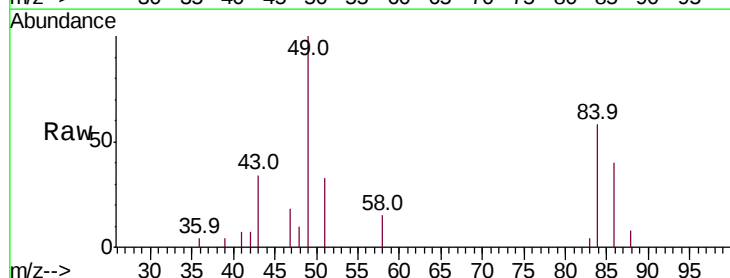
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



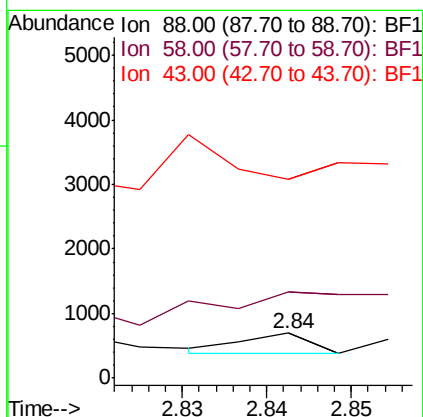
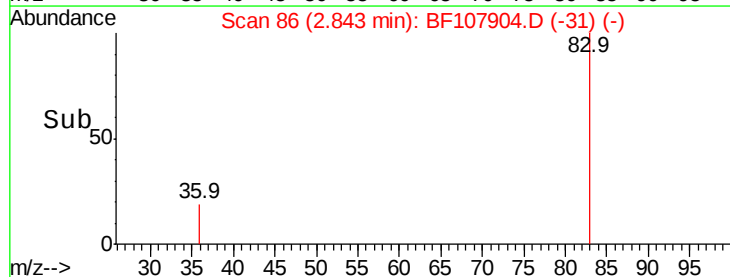
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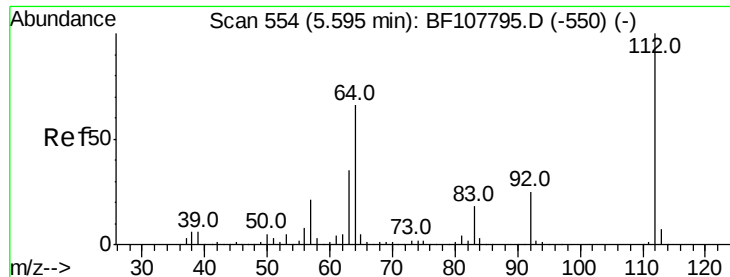
1,4-Dioxane
Concen: 5.833 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
58 562.4 62.6 93.8#
43 269.4 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

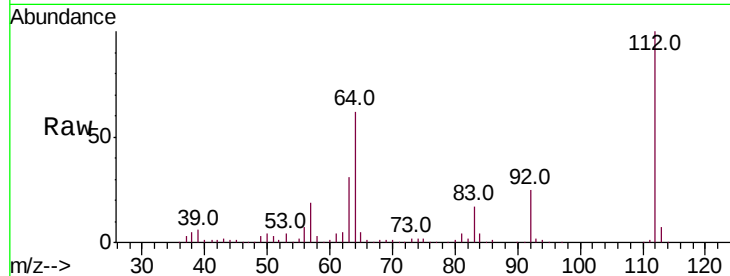




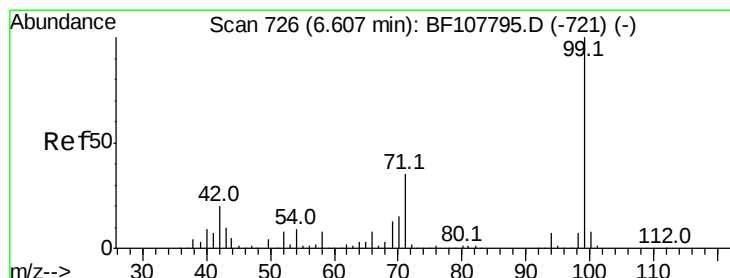
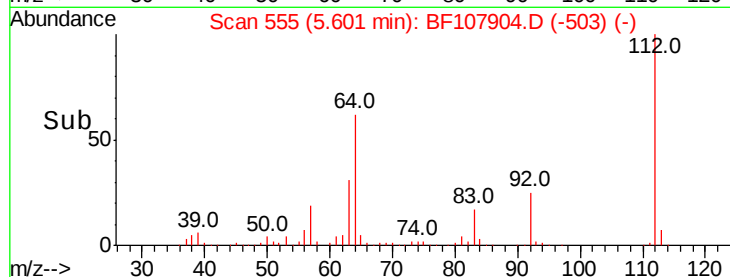
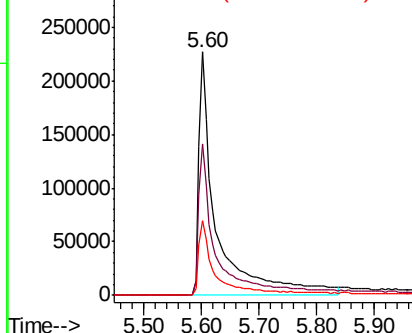
#5
 2-Fluorophenol
 Concen: 59.798 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:112 Resp: 484026
 Ion Ratio Lower Upper
 112 100
 64 62.3 47.9 71.9
 63 30.9 23.7 35.5

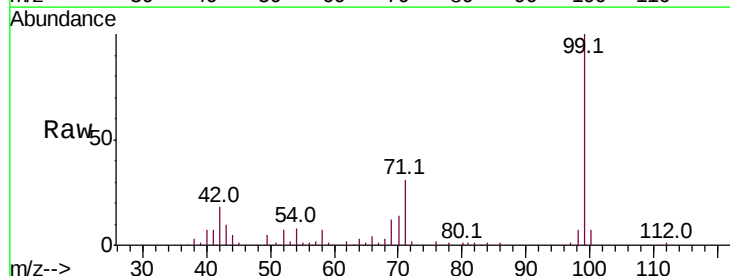


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1

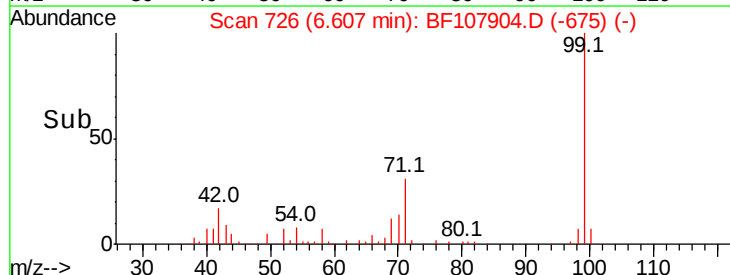
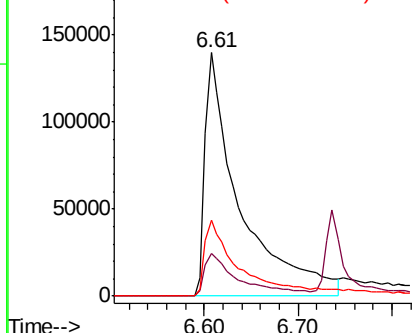


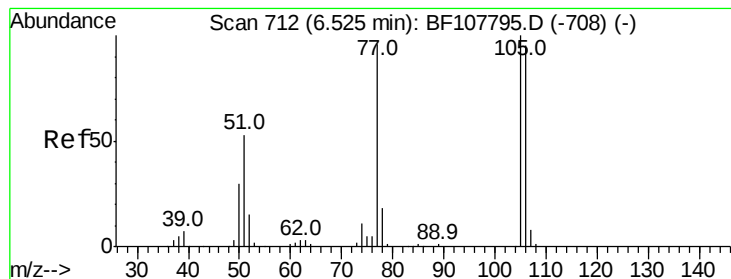
#7
 Phenol-d6
 Concen: 33.912 ng
 RT: 6.61 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

Tgt Ion: 99 Resp: 361776
 Ion Ratio Lower Upper
 99 100
 42 17.5 14.5 21.7
 71 30.9 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





#9

Benzaldehyde

Concen: 2.999 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.21 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Instrument :

BNA_F

ClientSampleId :

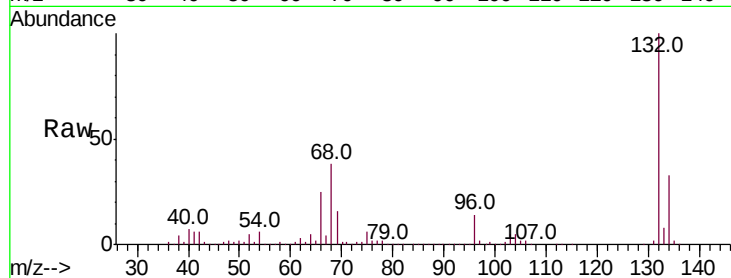
Tot Ion: 77 Resp: 19305

Ion Ratio Lower Upper

77 100

105 78.4 81.1 121.1#

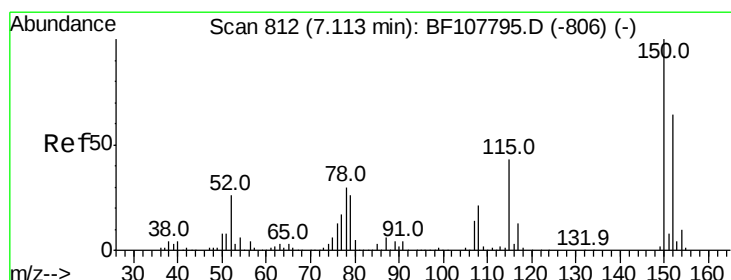
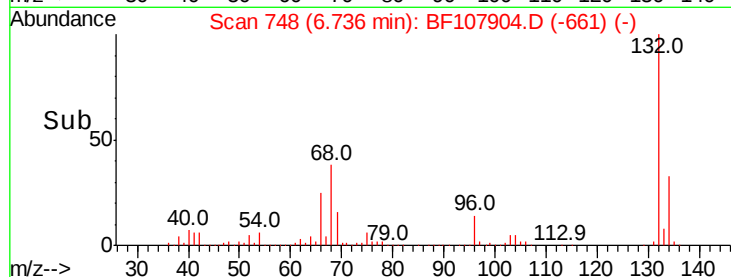
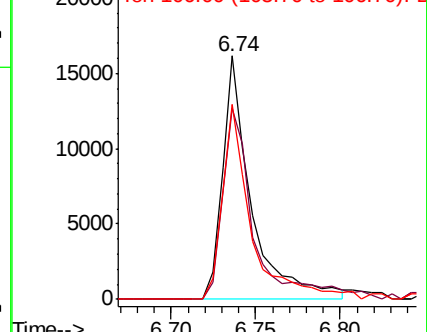
106 80.3 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#15

Benzyl Alcohol

Concen: 2.066 ng

RT: 7.11 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

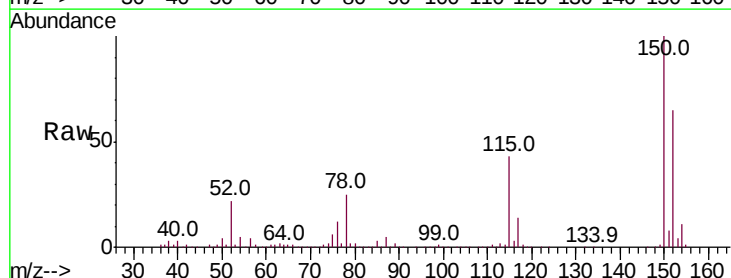
Tgt Ion: 79 Resp: 13699

Ion Ratio Lower Upper

79 100

108 25.7 65.1 97.7#

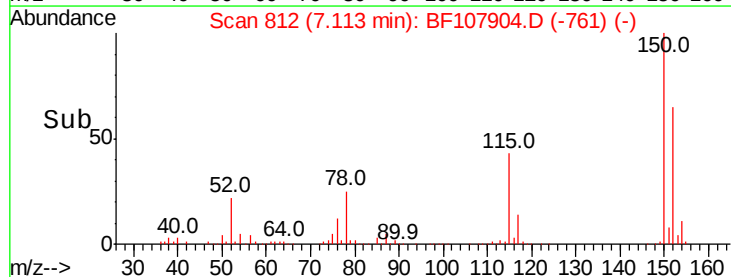
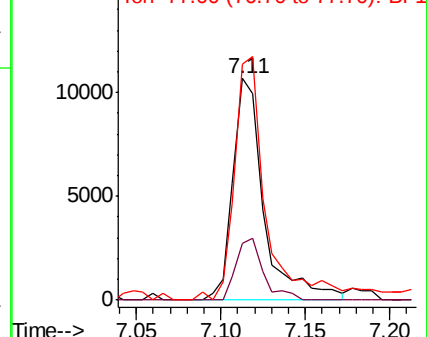
77 106.8 50.6 75.8#

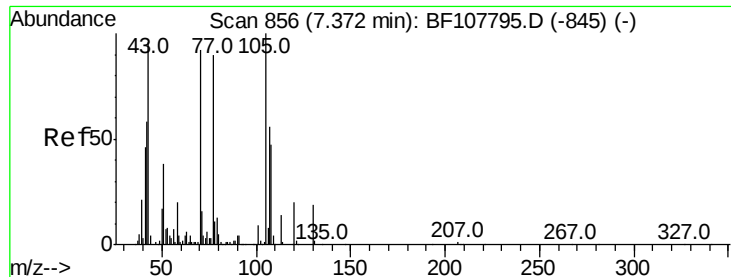


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

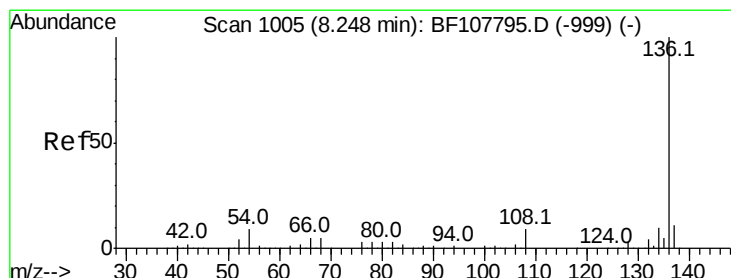
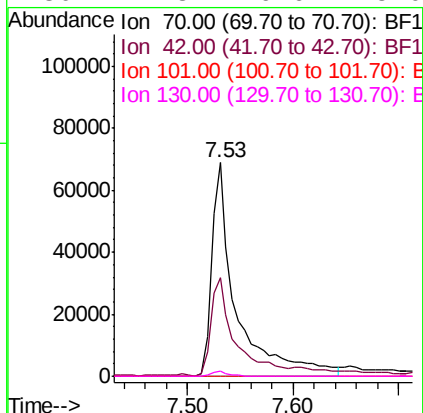
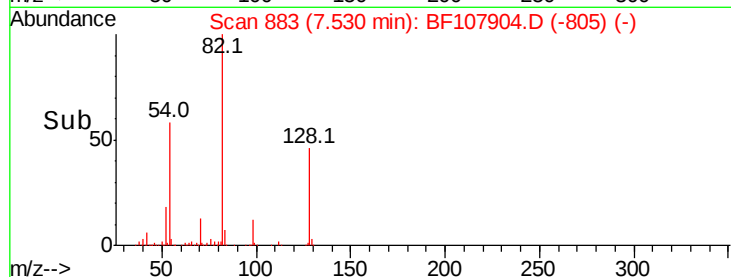
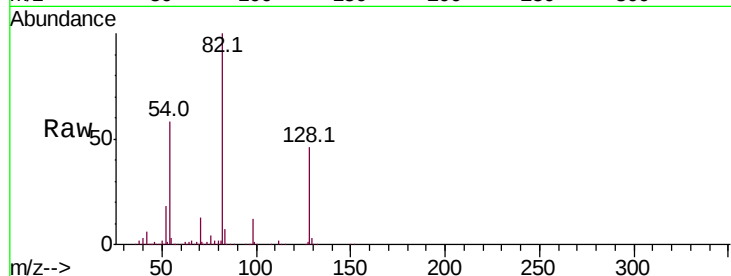




#19
n-Nitroso-di-n-propylamine
Concen: 16.507 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

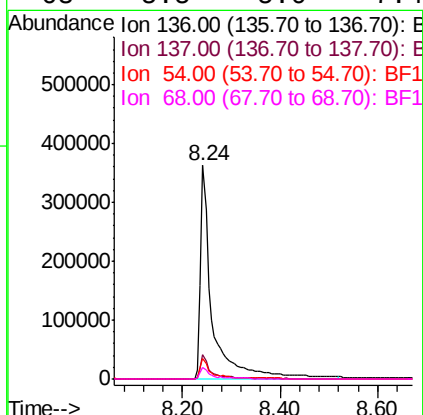
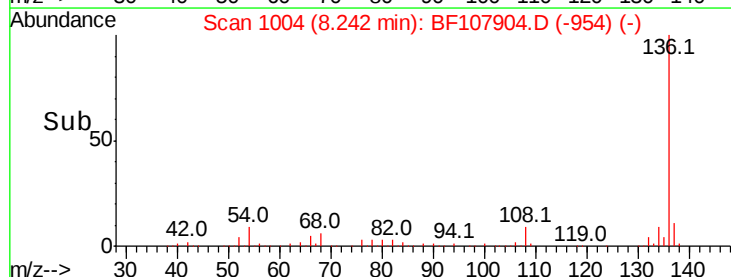
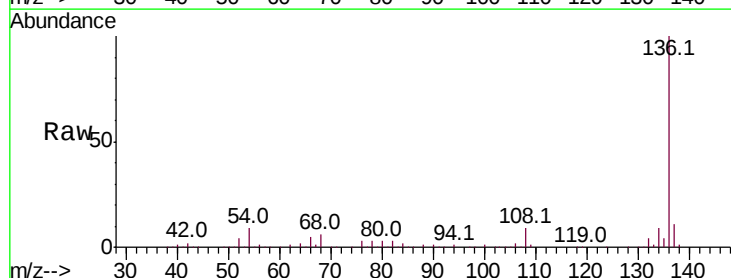
Instrument :
BNA_F
ClientSampleId :

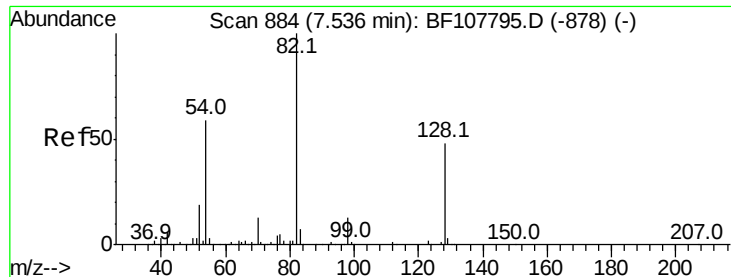
Tot Ion: 70 Resp: 111706
Ion Ratio Lower Upper
70 100
42 46.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.3 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Tgt Ion: 136 Resp: 617609
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.4 6.6 9.8
68 5.5 5.0 7.4

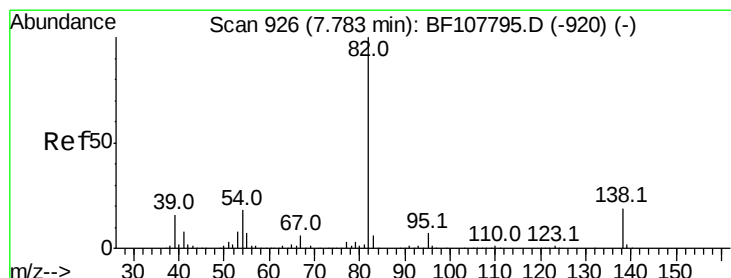
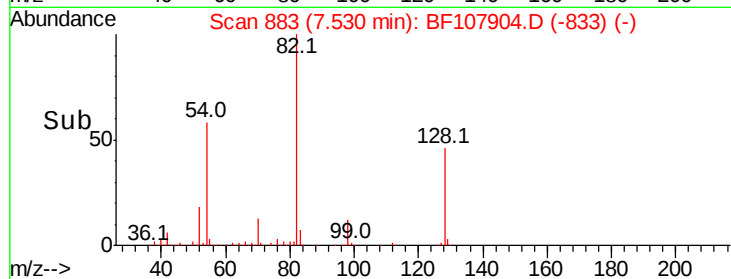
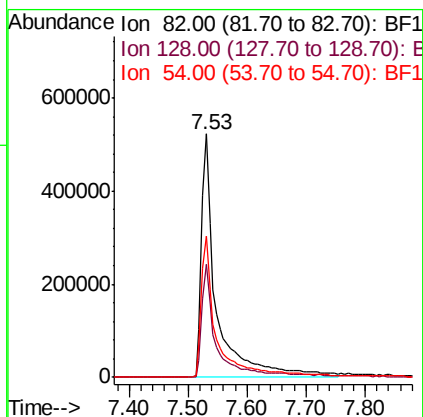
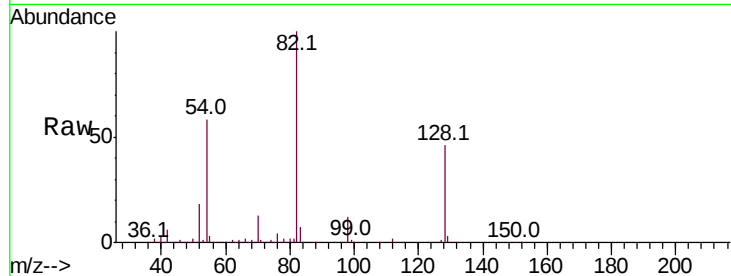




#23
Nitrobenzene-d5
Concen: 86.581 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

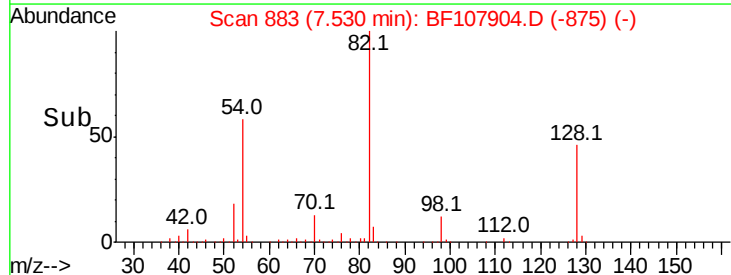
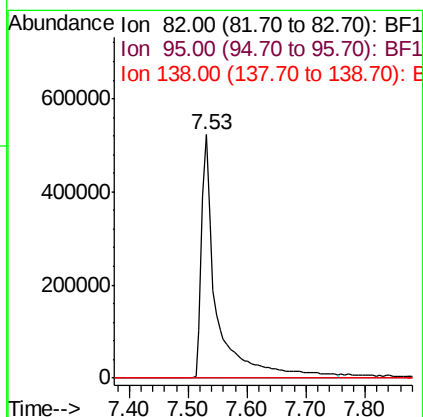
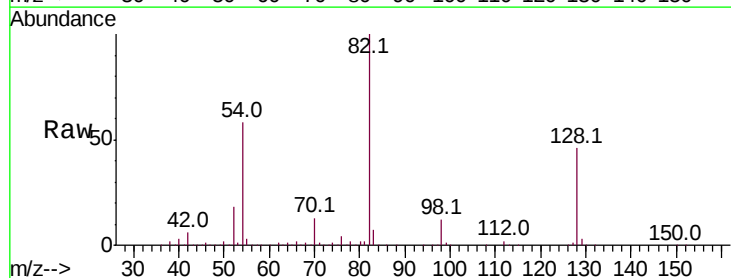
Instrument :
BNA_F
ClientSampleId :

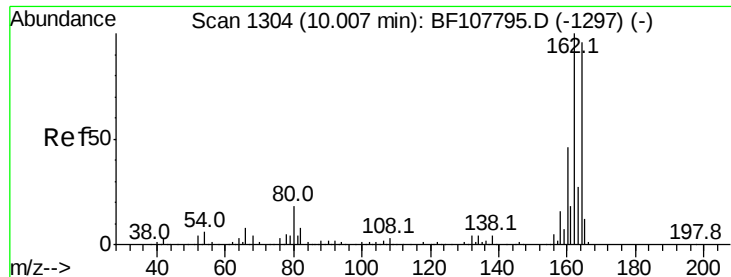
Tot Ion: 82 Resp: 928188
Ion Ratio Lower Upper
82 100
128 46.4 36.1 54.1
54 58.1 41.4 62.2



#25
Isophorone
Concen: 52.745 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Tgt Ion: 82 Resp: 928188
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

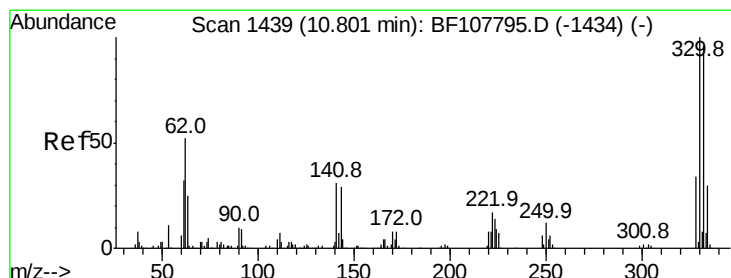
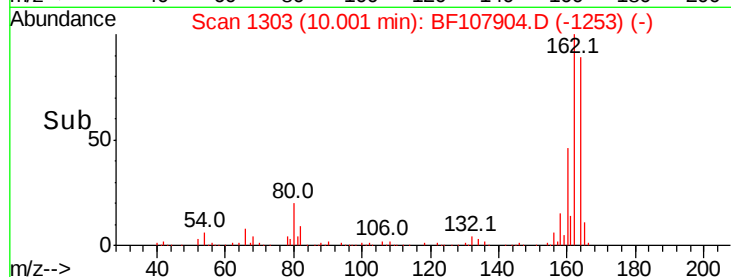
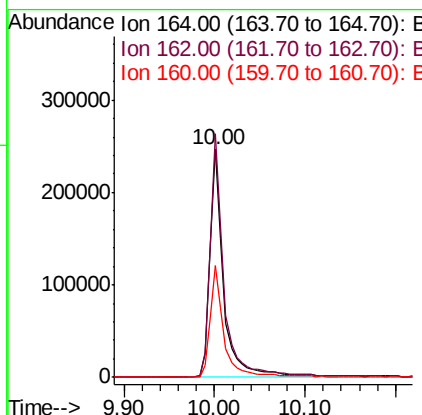
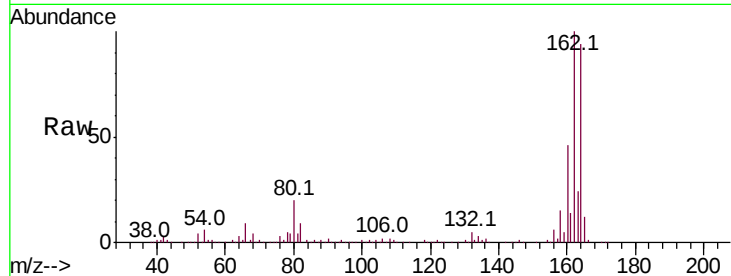




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

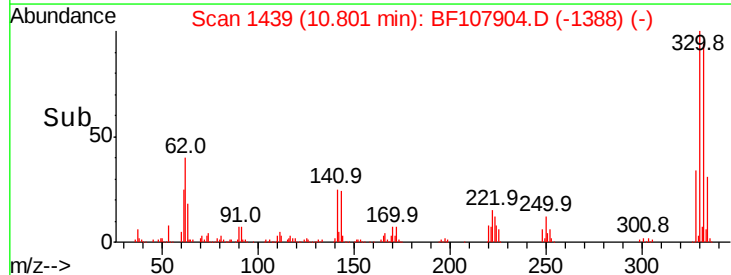
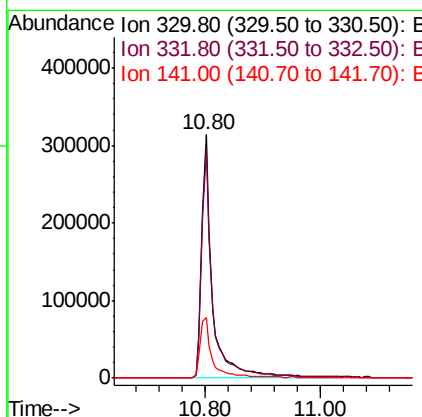
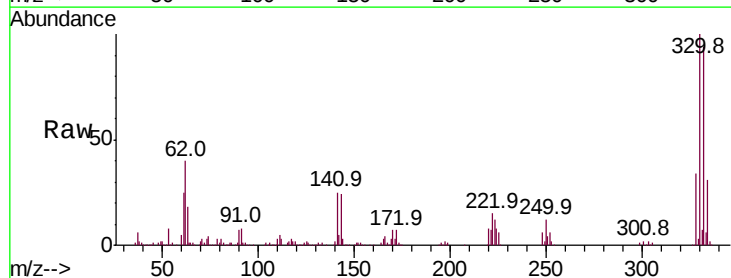
Instrument :
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 ClientSampleId :

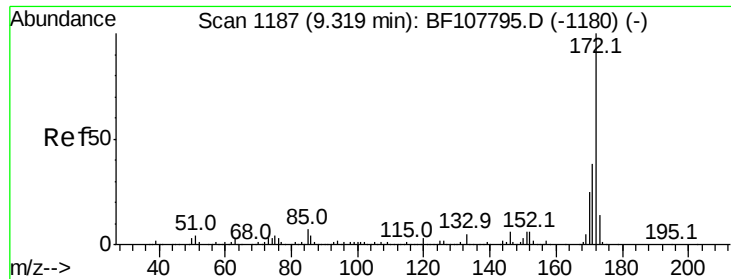
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.8	86.1	129.1
160	49.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 115.332 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.0	29.9	44.9#

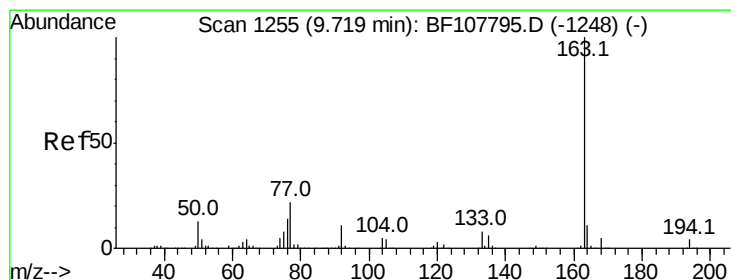
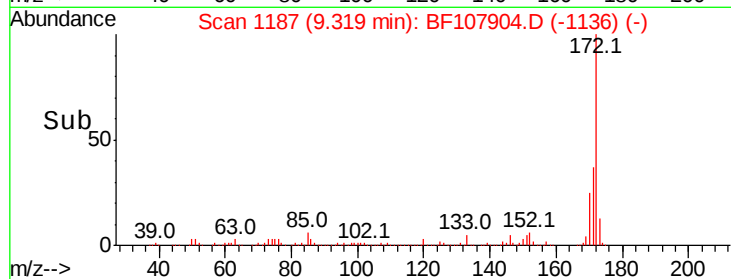
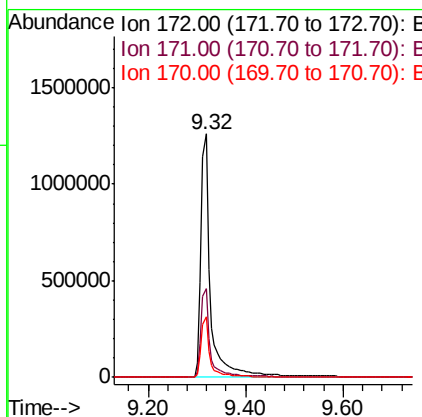
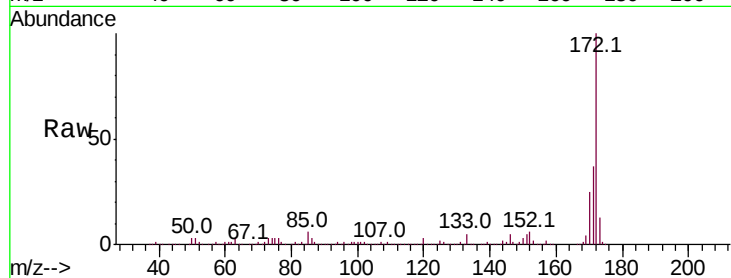




#44
2-Fluorobiphenyl
Concen: 90.444 ng
RT: 9.32 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

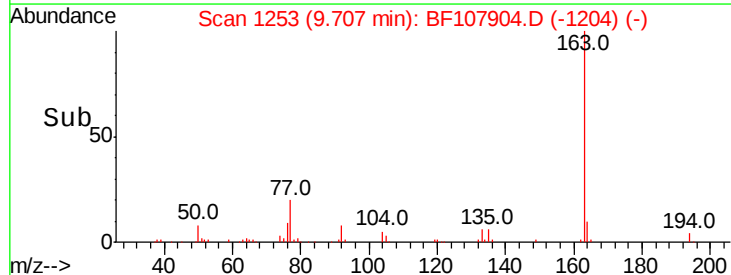
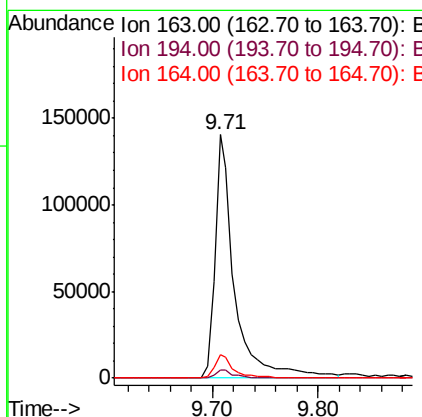
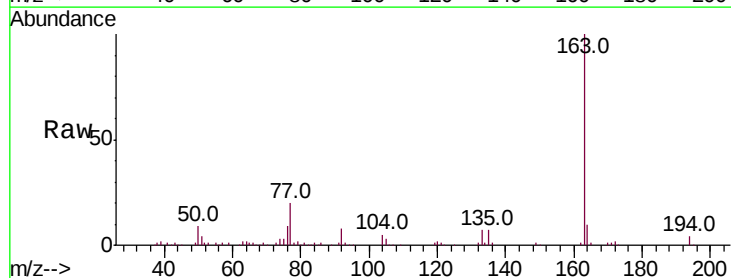
Instrument :
BNA_F
ClientSampleId :

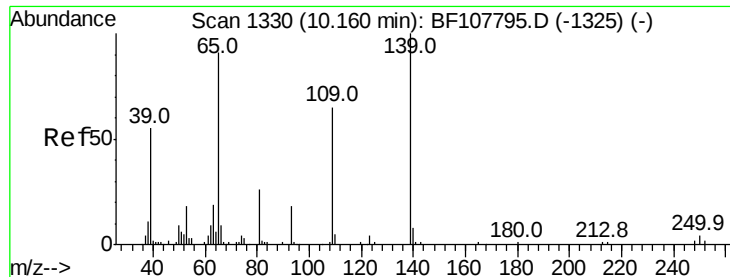
Tot Ion:172 Resp: 1758850
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.9 19.6 29.4



#49
Dimethylphthalate
Concen: 8.970 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Tgt Ion:163 Resp: 182554
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.7 8.2 12.2





#55

4-Nitrophenol

Concen: 9.427 ng

RT: 10.16 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Instrument :

BNA_F

ClientSampled :

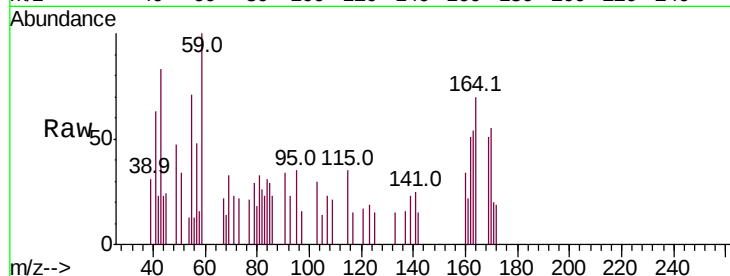
Tot Ion:139 Resp: 341

Ion Ratio Lower Upper

139 100

109 89.5 48.4 88.4#

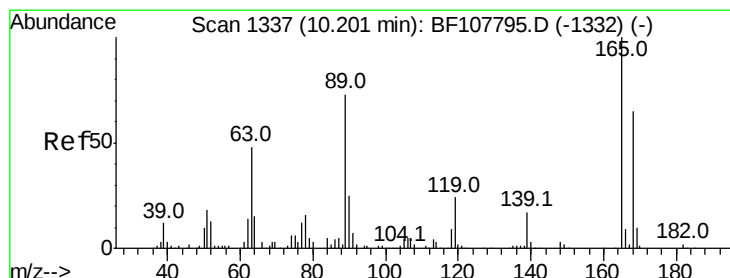
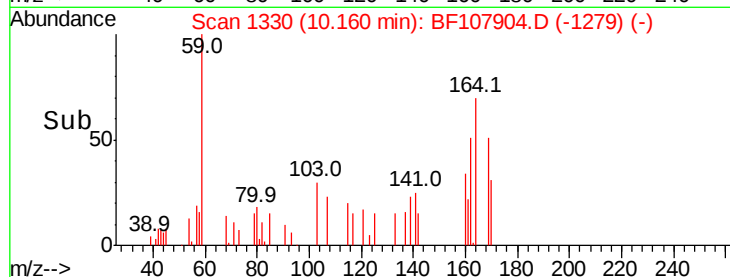
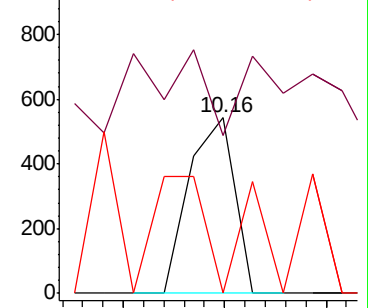
65 0.0 72.6 112.6#



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



#56

2,4-Dinitrotoluene

Concen: 5.864 ng

RT: 10.00 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Tgt Ion:165 Resp: 34089

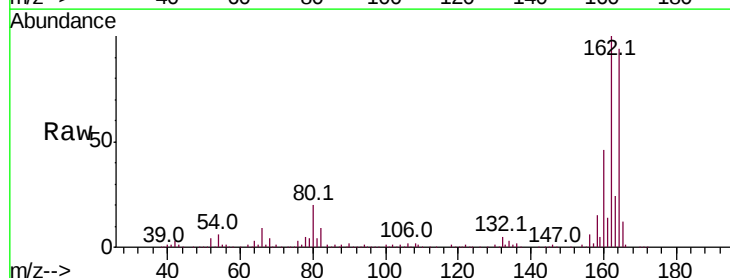
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

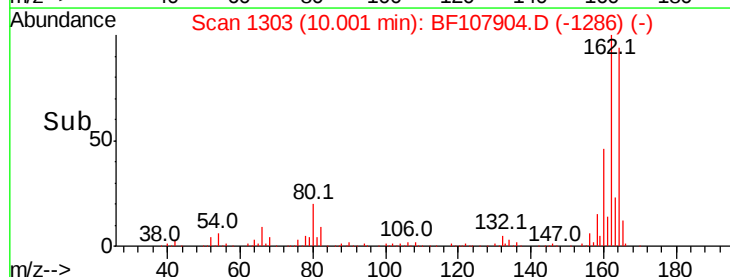
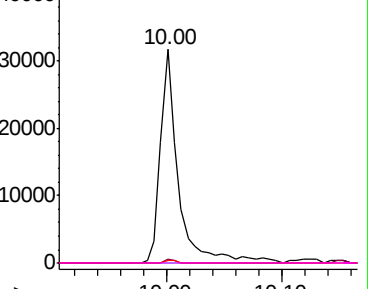


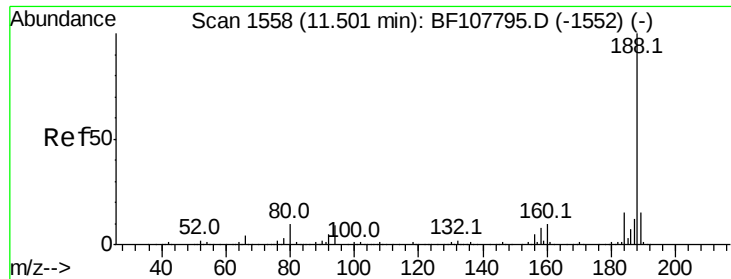
Abundance Ion 165.00 (164.70 to 165.70): E

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

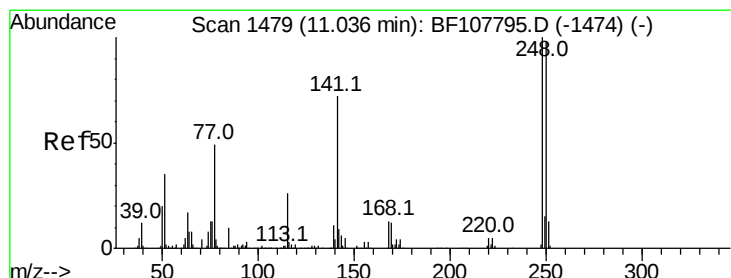
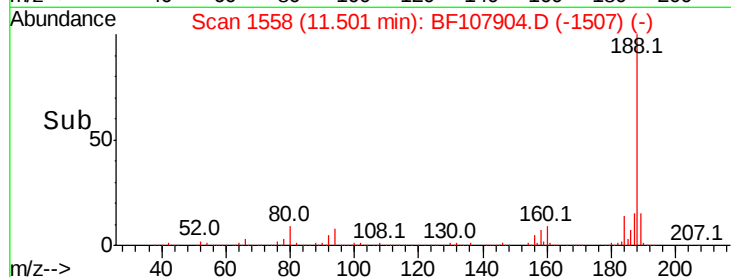
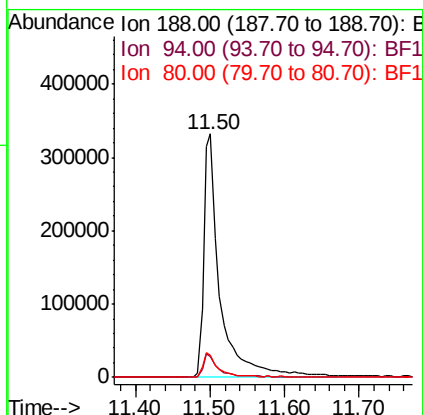
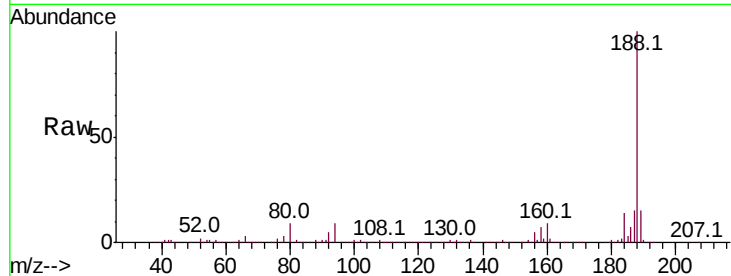




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

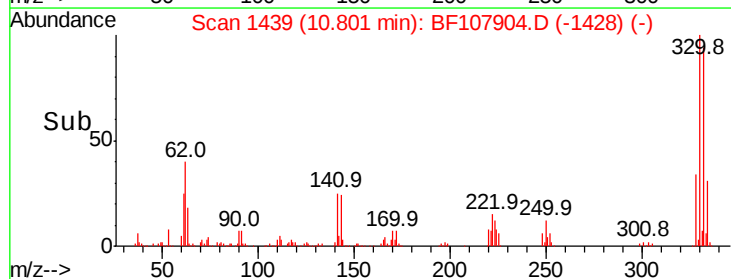
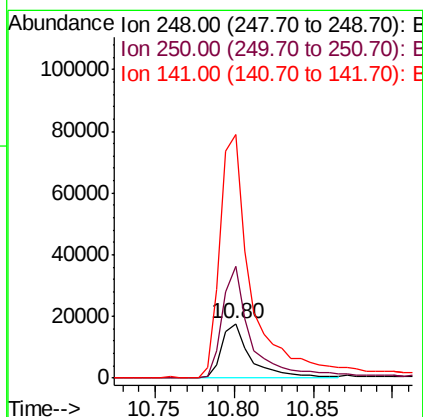
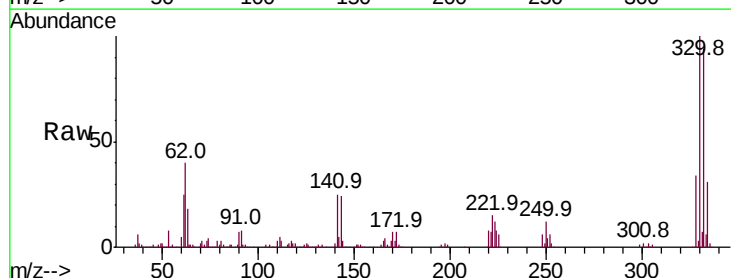
Instrument :
 BNA_F
 ClientSampleId :

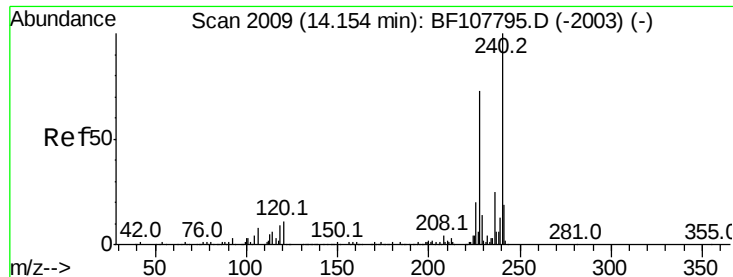
Tot Ion:188 Resp: 509290
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.1 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.844 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF107904.D
 Acq: 1 Aug 2018 22:05

Tgt Ion:248 Resp: 22816
 Ion Ratio Lower Upper
 248 100
 250 206.5 76.9 115.3#
 141 449.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

Instrument :

BNA_F

ClientSampleId :

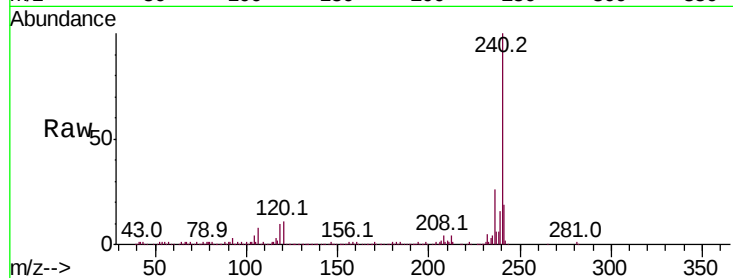
Tot Ion:240 Resp: 375006

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

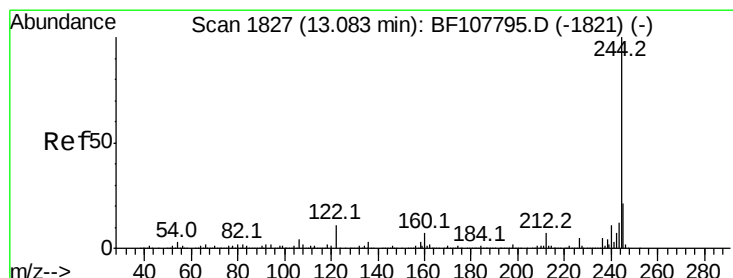
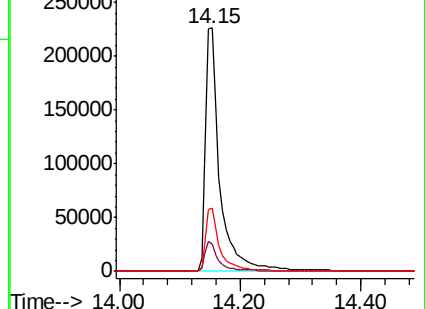
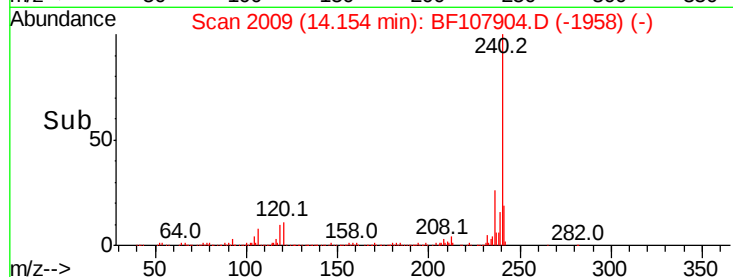
236 26.1 20.7 31.1



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: 82.096 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF107904.D

Acq: 1 Aug 2018 22:05

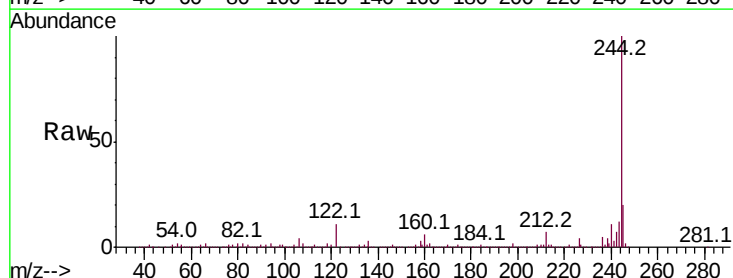
Tgt Ion:244 Resp: 1419753

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

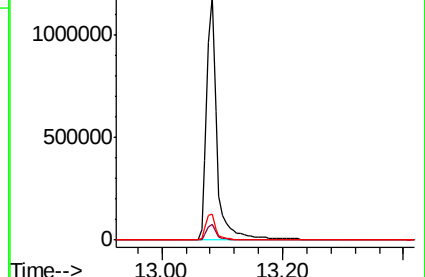
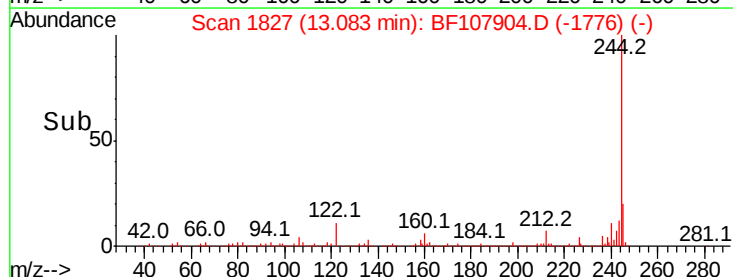
122 10.7 11.0 16.4#

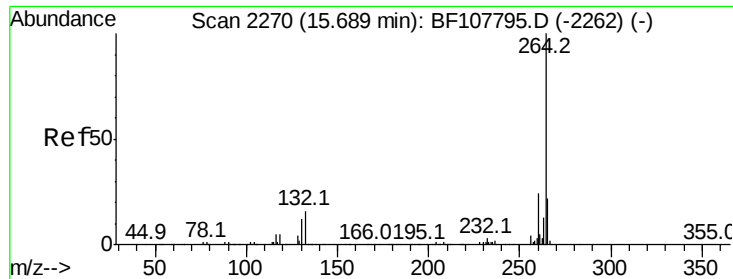


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF107904.D
Acq: 1 Aug 2018 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3

