

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080118\
 Data File : BF107903.D
 Acq On : 1 Aug 2018 21:38
 Operator : JU/SJ
 Sample : J4257-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 02 01:00:39 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

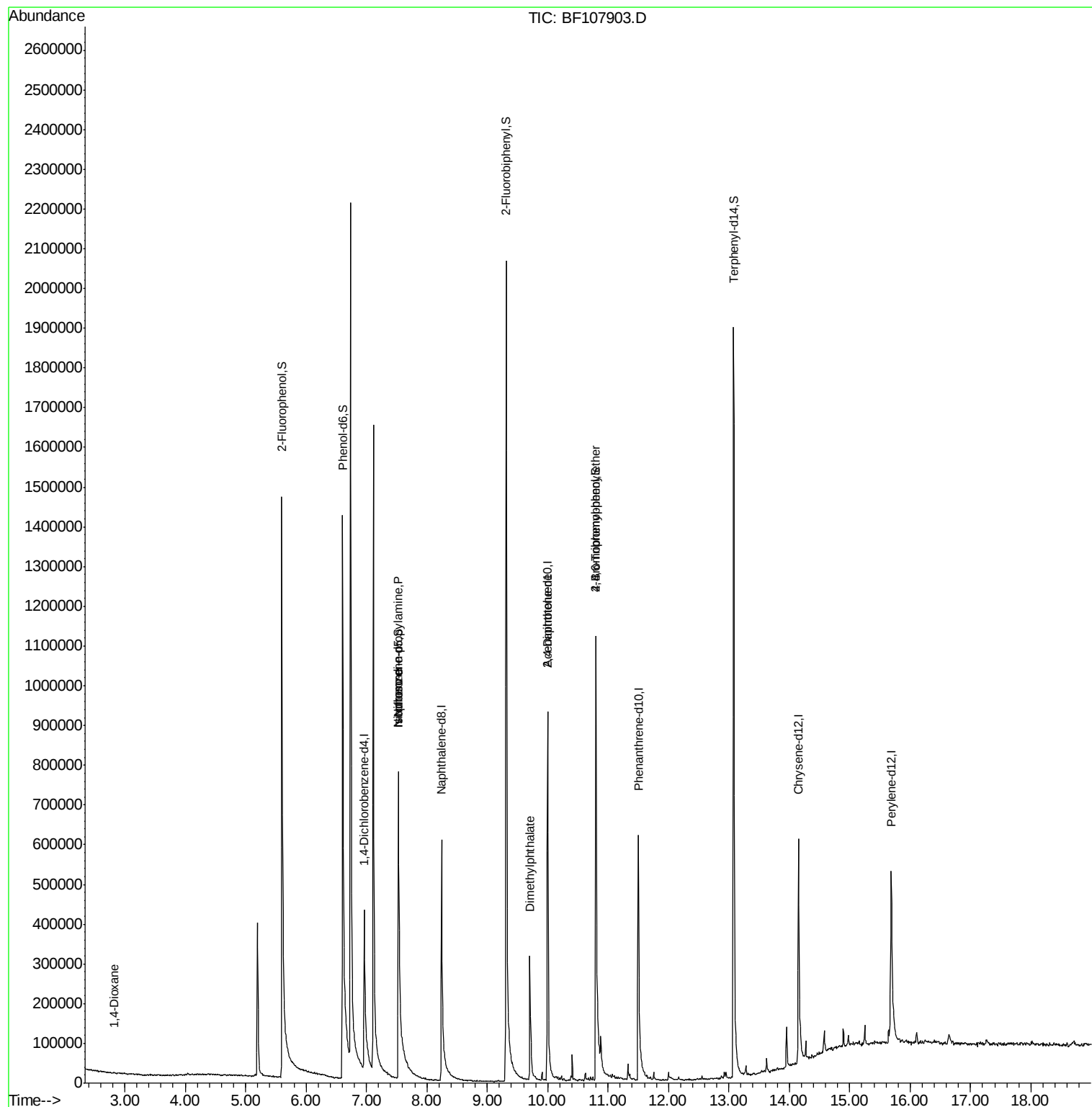
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	126137	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	549211	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	239770	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	454119	20.00	ng	0.00
75) Chrysene-d12	14.15	240	355166	20.00	ng	0.00
86) Perylene-d12	15.69	264	369961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	731048	98.50	ng	0.00
7) Phenol-d6	6.61	99	962692	98.42	ng	0.00
23) Nitrobenzene-d5	7.53	82	580111	60.85	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	264180	81.09	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	1017622	59.14	ng	0.00
78) Terphenyl-d14	13.08	244	883331	53.93	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.83	88	176	5.838	ng	# 20
19) n-Nitroso-di-n-propylamine	7.53	70	68246	10.999	ng	# 80
25) Isophorone	7.53	82	580111	37.071	ng	# 64
49) Dimethylphthalate	9.71	163	209997	11.662	ng	100
56) 2,4-Dinitrotoluene	10.00	165	30540	5.938	ng	# 23
66) 4-Bromophenyl-phenylether	10.80	248	15625	2.952	ng	# 1

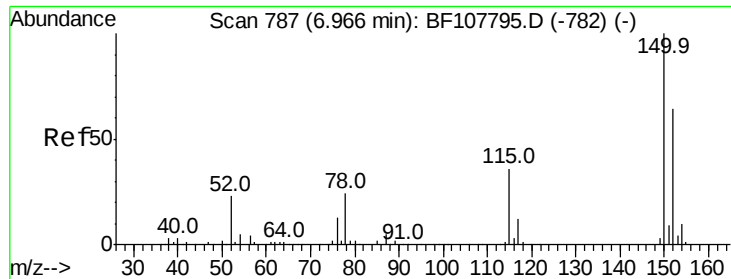
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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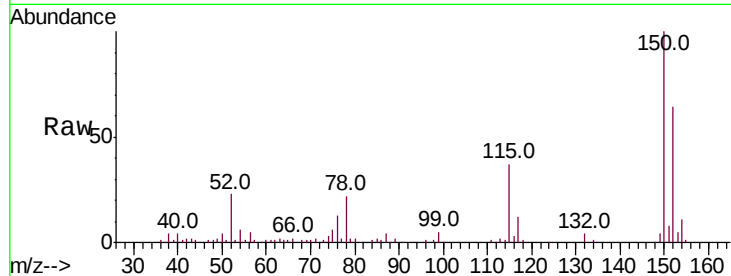


#1

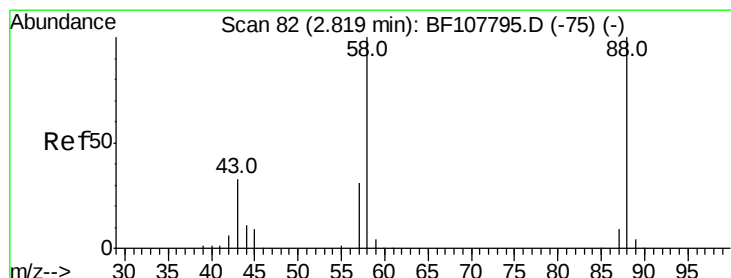
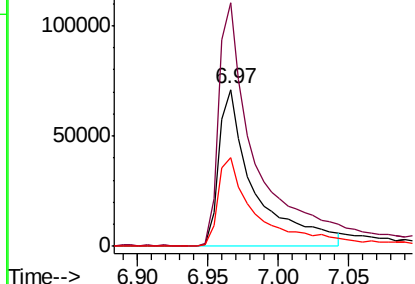
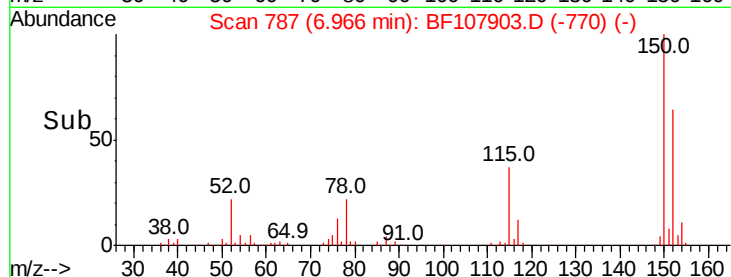
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 126137
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 56.9 50.1 75.1



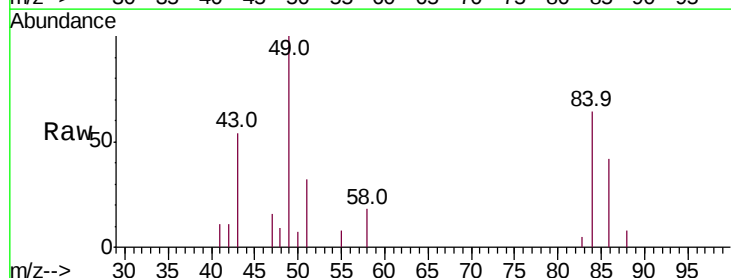
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



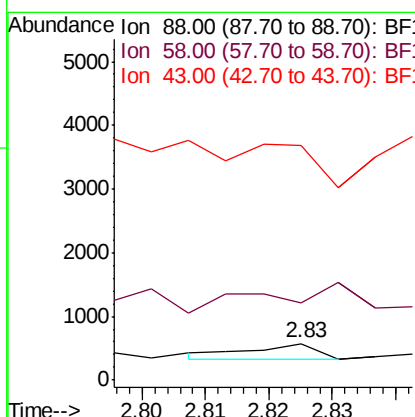
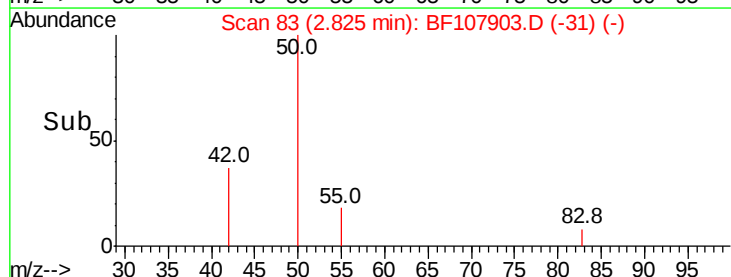
#2

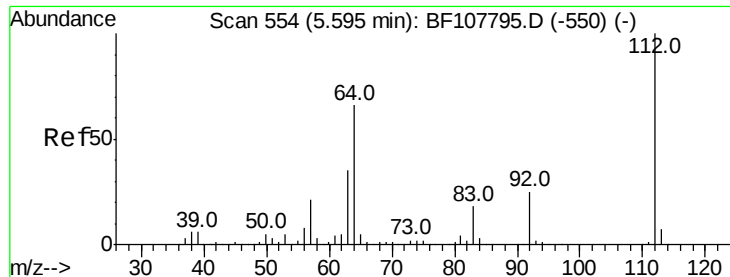
1,4-Dioxane
Concen: 5.838 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Tgt Ion: 88 Resp: 176
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

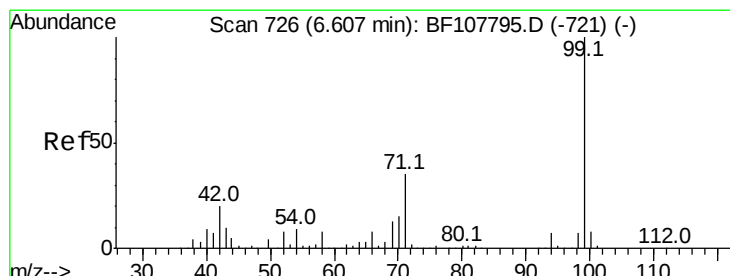
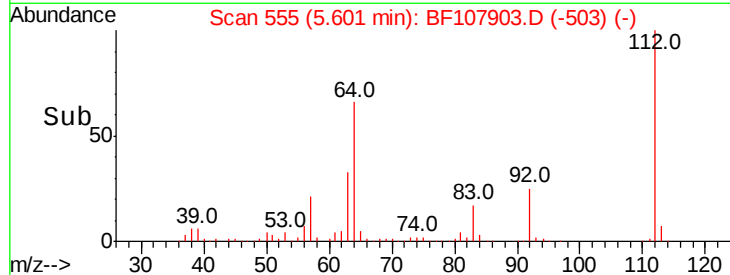
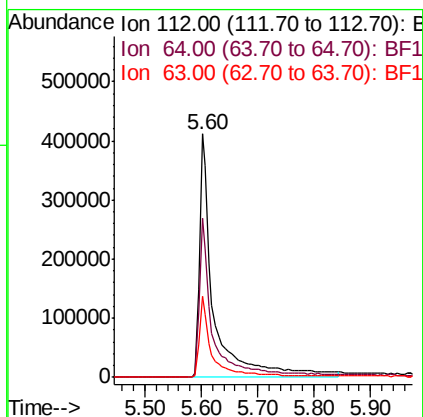
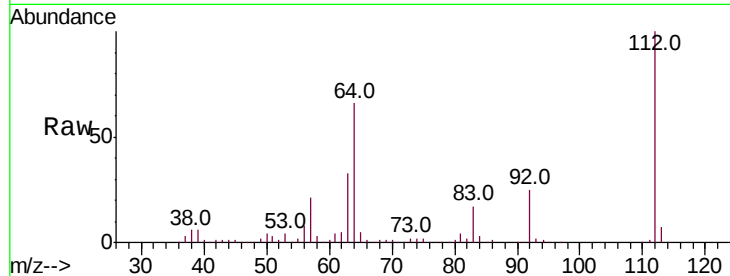




#5
 2-Fluorophenol
 Concen: 98.500 ng
 RT: 5.60 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

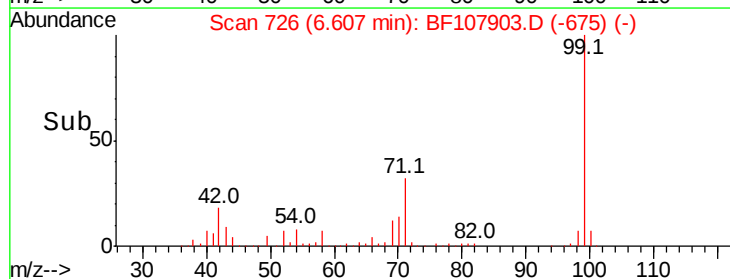
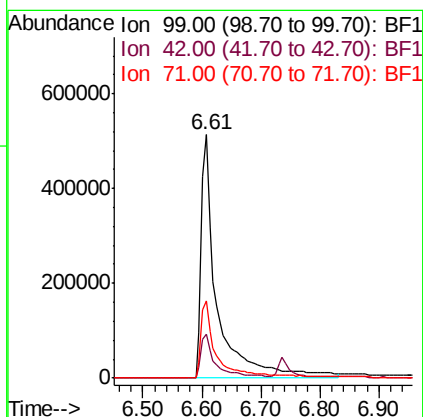
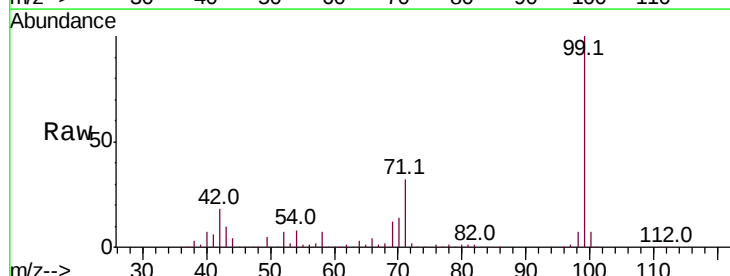
Instrument :
 BNA_F
 ClientSampleId :

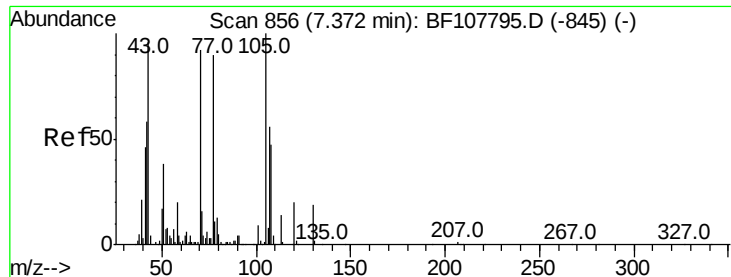
Tot Ion:112 Resp: 731048
 Ion Ratio Lower Upper
 112 100
 64 65.5 47.9 71.9
 63 33.3 23.7 35.5



#7
 Phenol-d6
 Concen: 98.420 ng
 RT: 6.61 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

Tgt Ion: 99 Resp: 962692
 Ion Ratio Lower Upper
 99 100
 42 17.9 14.5 21.7
 71 31.8 25.4 38.0

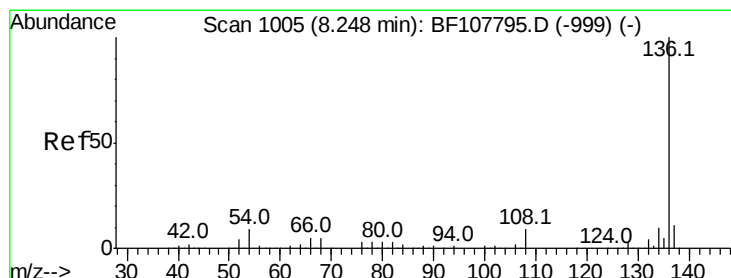
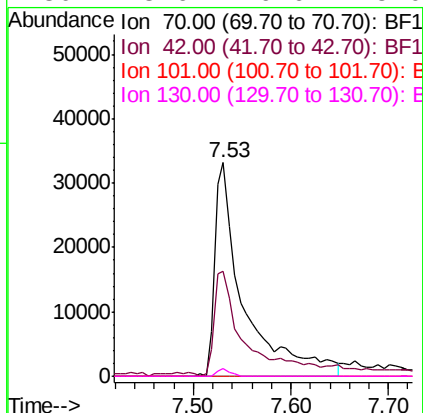
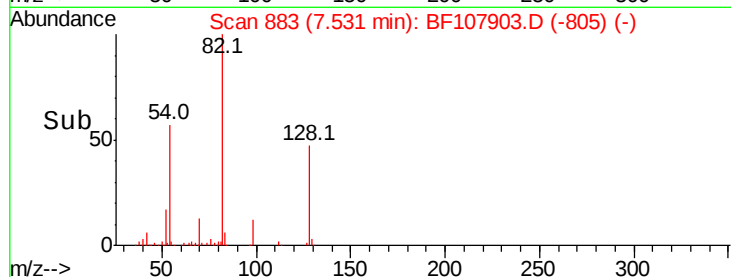
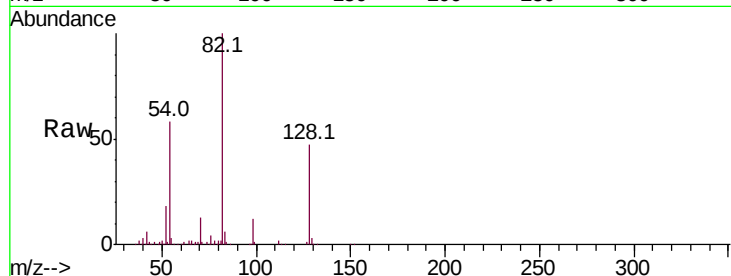




#19
n-Nitroso-di-n-propylamine
Concen: 10.999 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

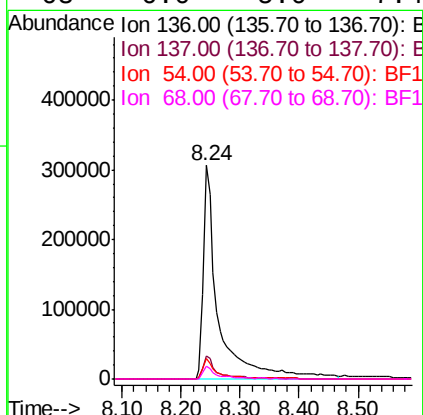
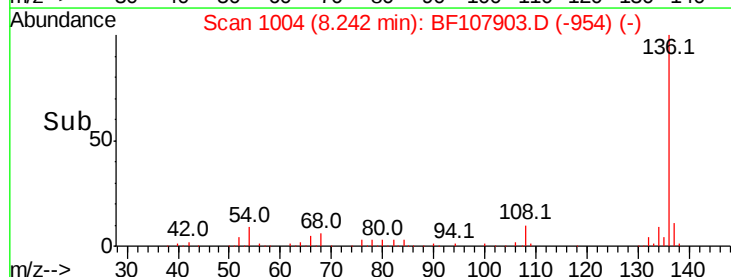
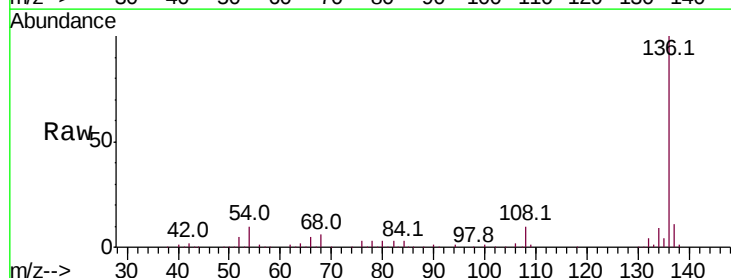
Instrument :
BNA_F
ClientSampleId :

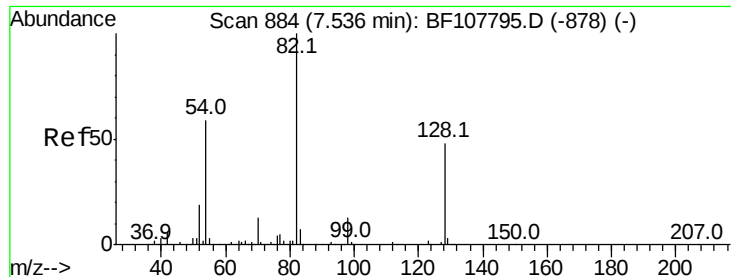
Tot Ion: 70 Resp: 68246
Ion Ratio Lower Upper
70 100
42 49.0 47.5 71.3
101 0.0 7.4 11.2#
130 3.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Tgt Ion:136 Resp: 549211
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.9 6.6 9.8#
68 6.0 5.0 7.4

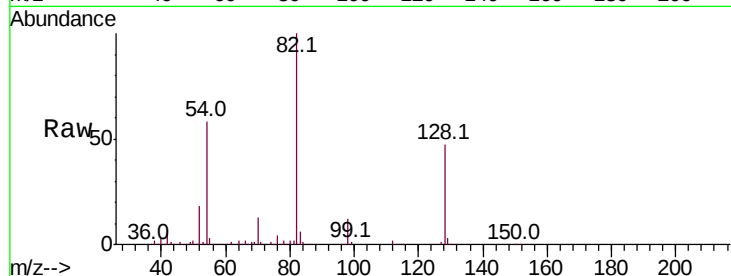




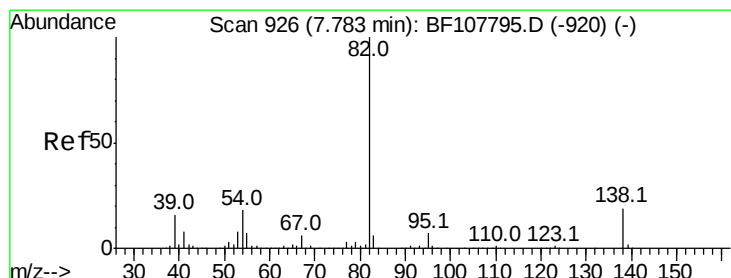
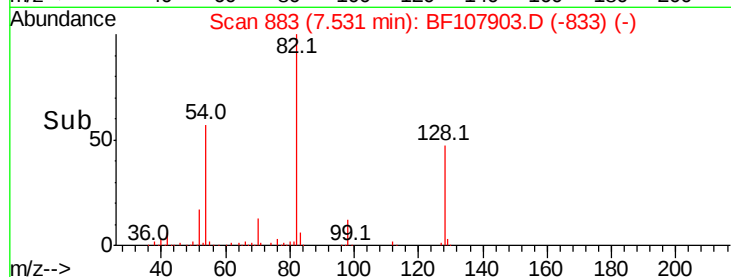
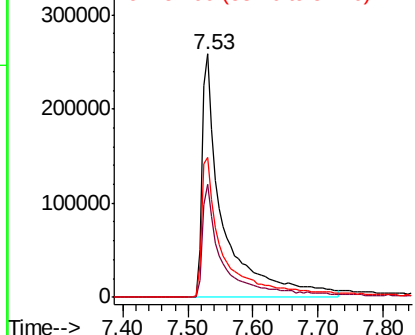
#23
Nitrobenzene-d5
Concen: 60.852 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 580111
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 57.7 41.4 62.2

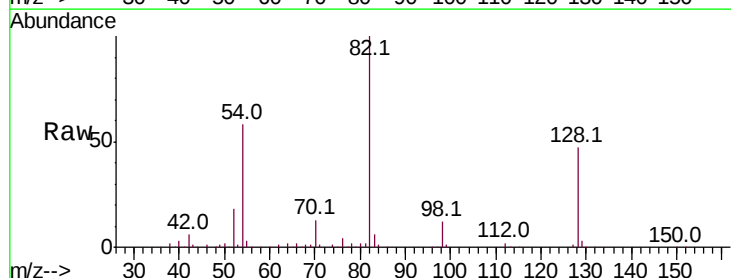


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

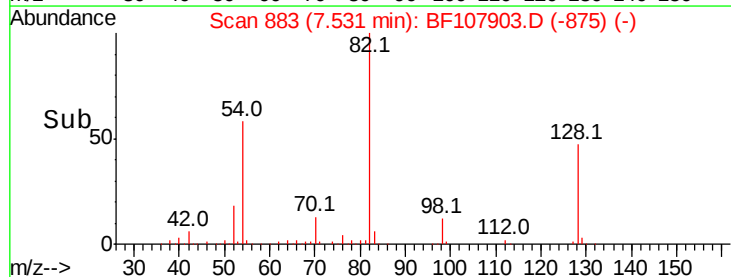
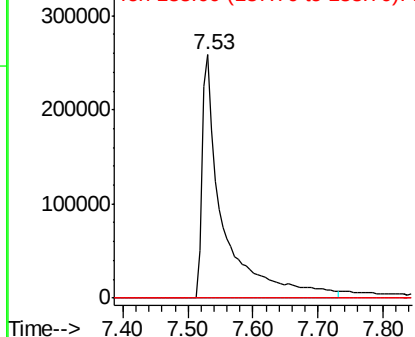


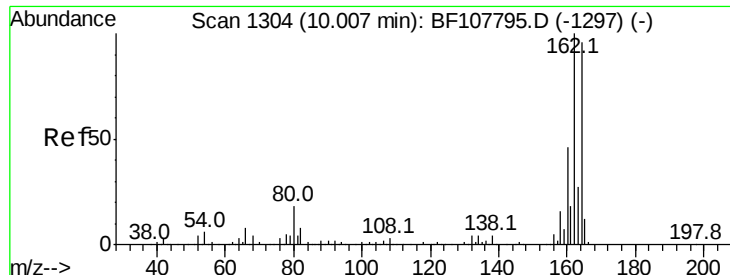
#25
Isophorone
Concen: 37.071 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Tgt Ion: 82 Resp: 580111
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

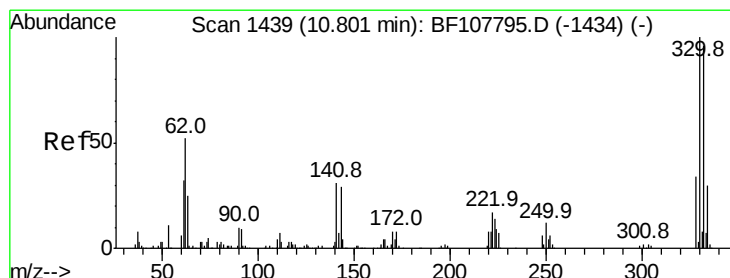
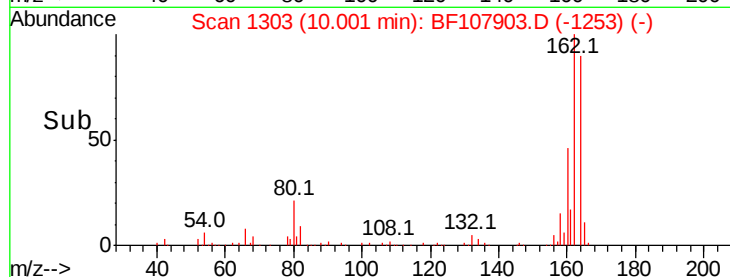
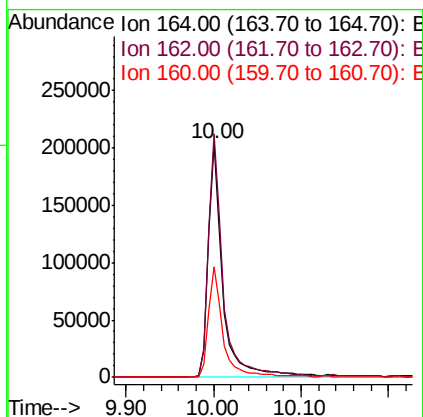
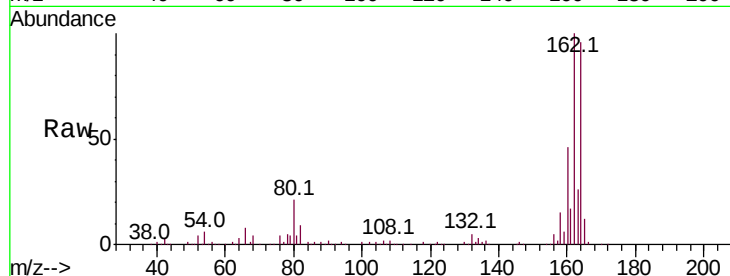




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

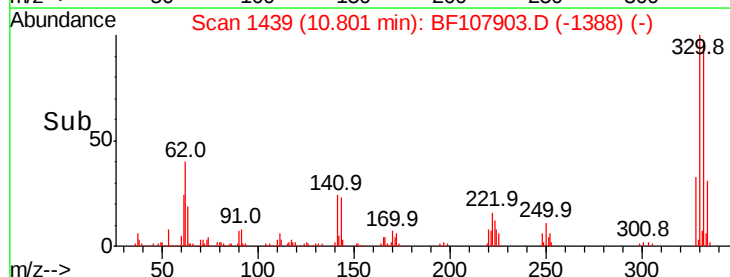
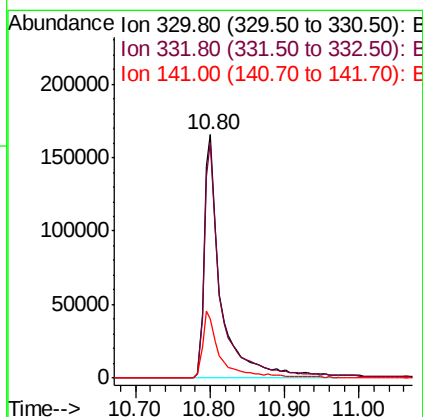
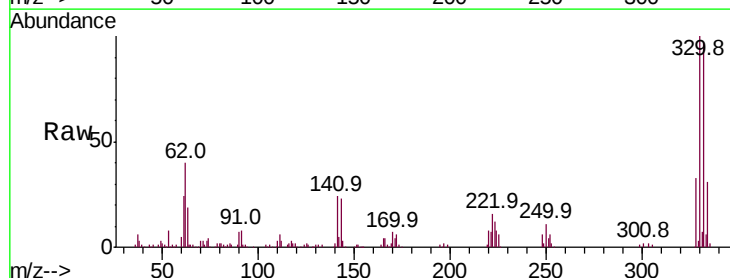
Instrument :
 BNA_F
 ClientSampleId :

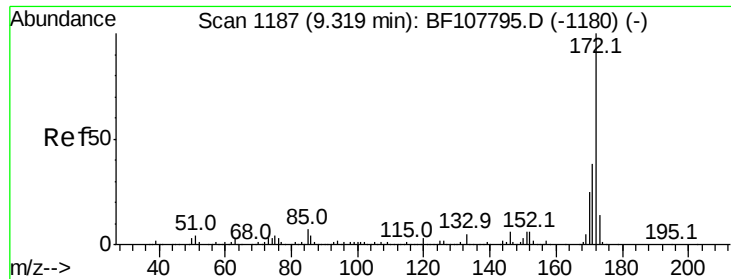
Tot Ion:164 Resp: 239770
 Ion Ratio Lower Upper
 164 100
 162 104.1 86.1 129.1
 160 47.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 81.087 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

Tgt Ion:330 Resp: 264180
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 29.4 29.9 44.9#

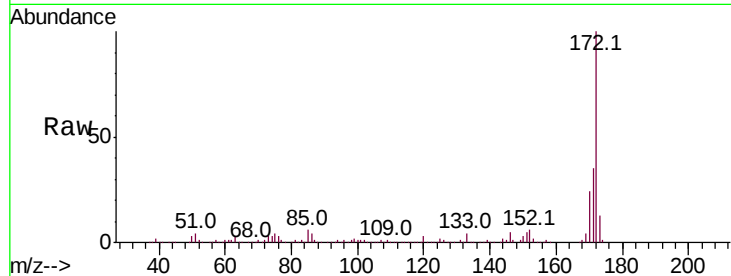




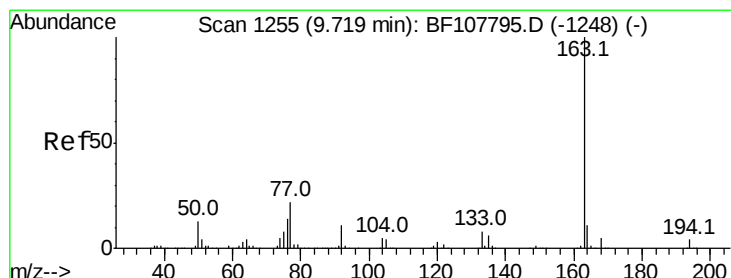
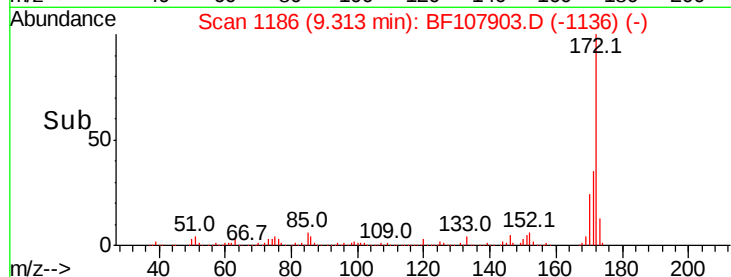
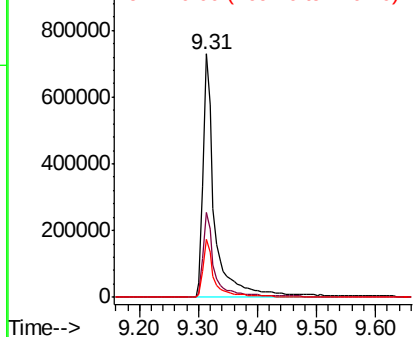
#44
2-Fluorobiphenyl
Concen: 59.142 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1017622
Ion Ratio Lower Upper
172 100
171 35.1 29.7 44.5
170 23.8 19.6 29.4

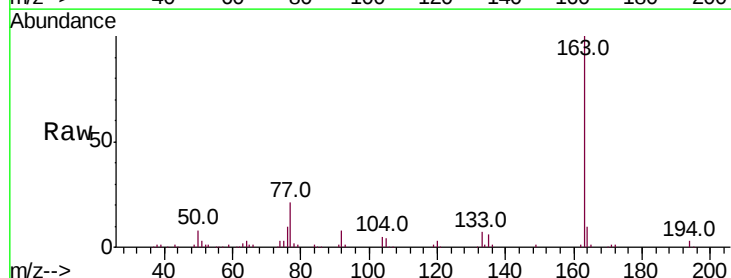


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

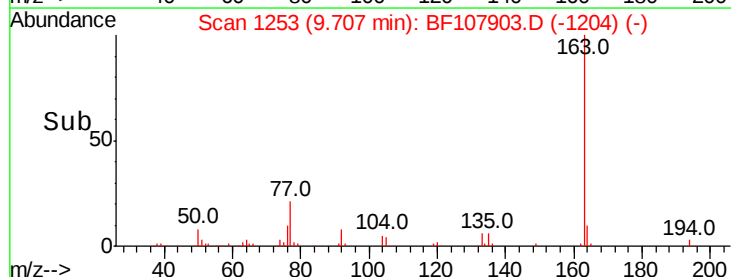
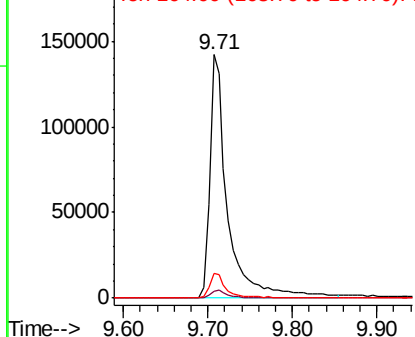


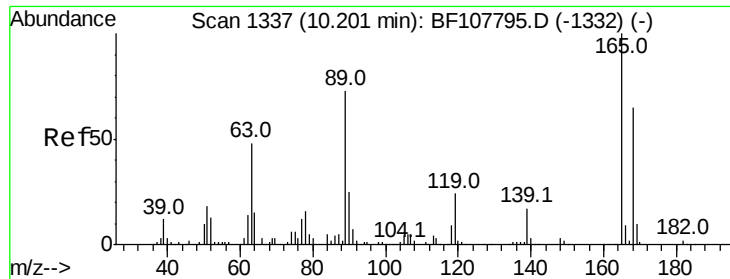
#49
Dimethylphthalate
Concen: 11.662 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Tgt Ion:163 Resp: 209997
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 10.2 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

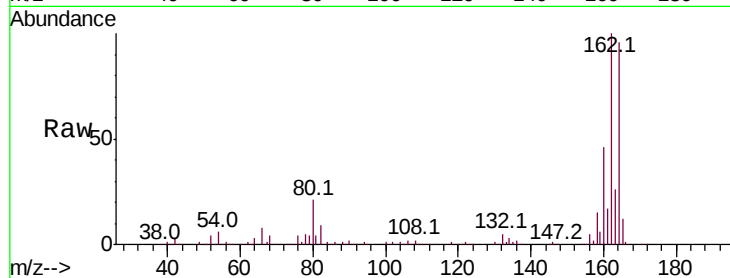




#56
 2,4-Dinitrotoluene
 Concen: 5.938 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

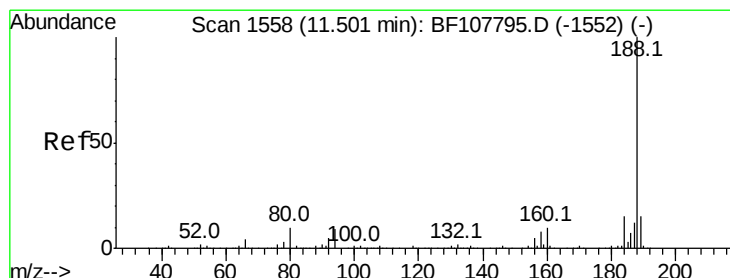
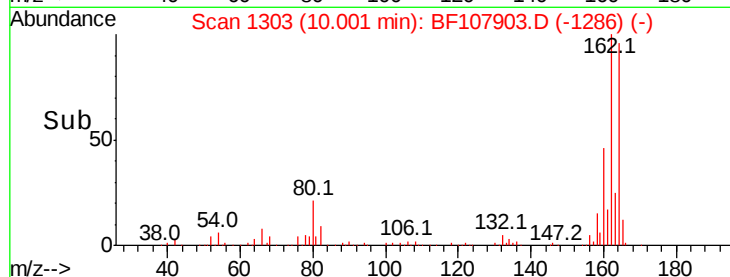
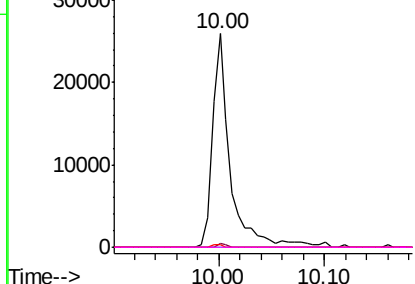


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

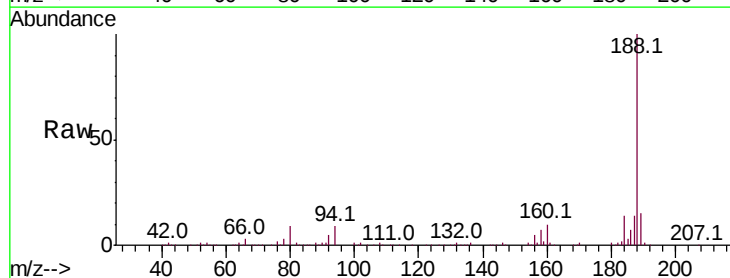
Ion 89.00 (88.70 to 89.70): BF1

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: BF107903.D
 Acq: 1 Aug 2018 21:38

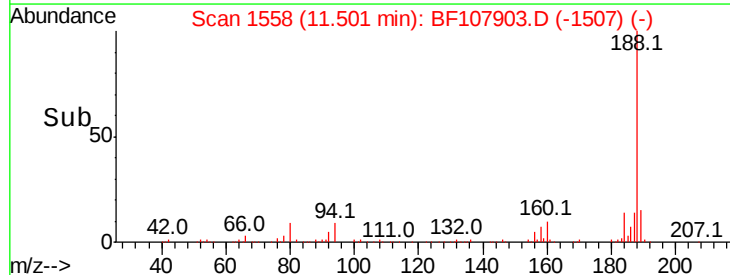
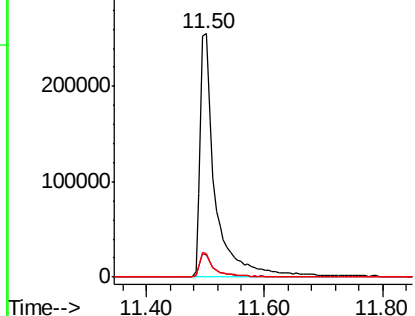
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.4	9.2	13.8

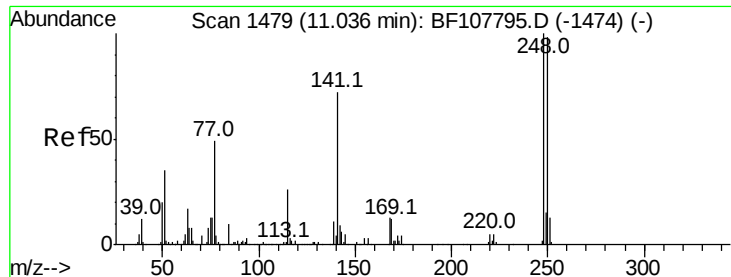


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

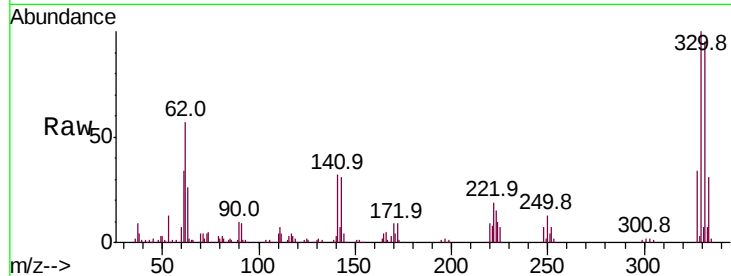




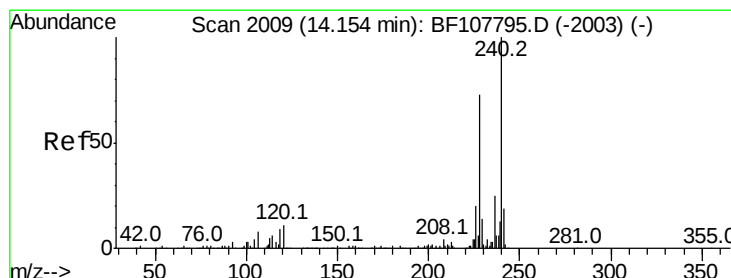
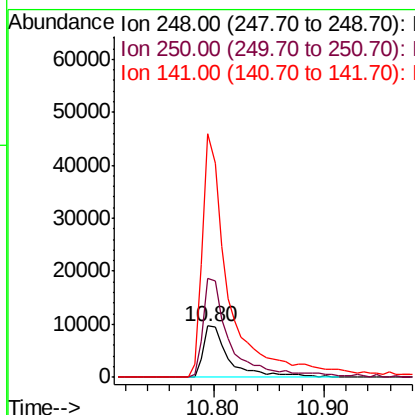
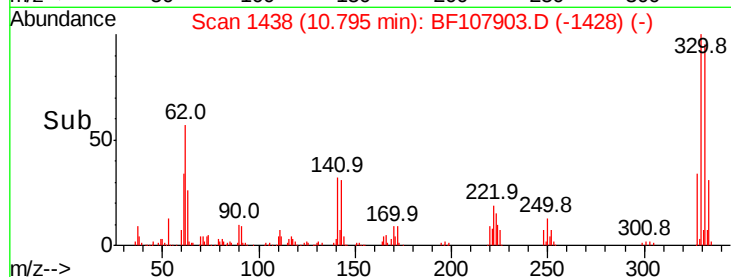
#66
4-Bromophenyl-phenylether
Concen: 2.952 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15625
Ion Ratio Lower Upper
248 100
250 194.0 76.9 115.3#
141 475.6 74.4 111.6#

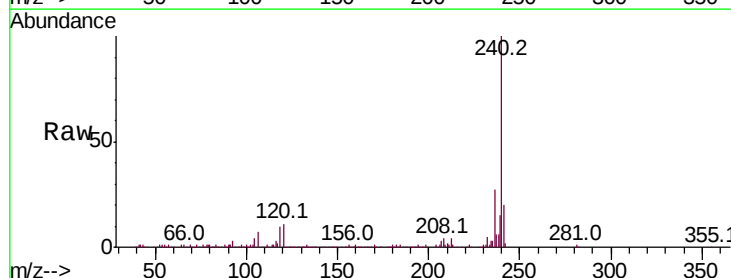


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

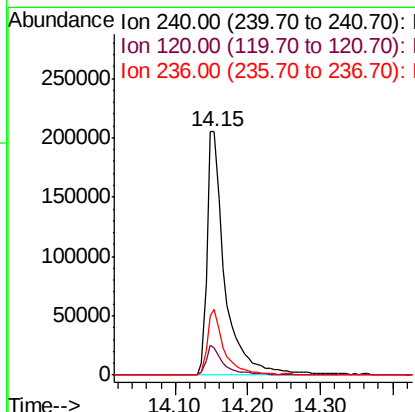
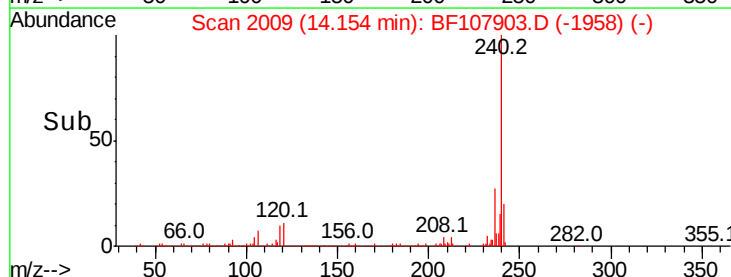


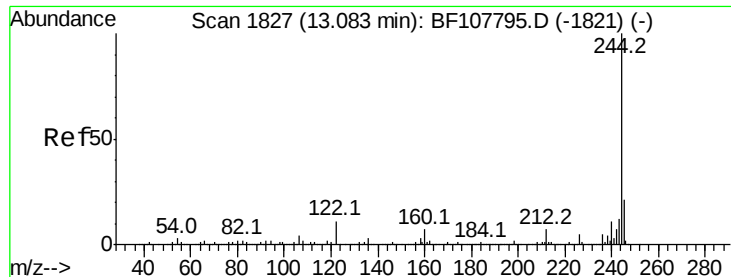
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BF107903.D
Acq: 1 Aug 2018 21:38

Tgt Ion:240 Resp: 355166
Ion Ratio Lower Upper
240 100
120 11.2 9.5 14.3
236 26.8 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

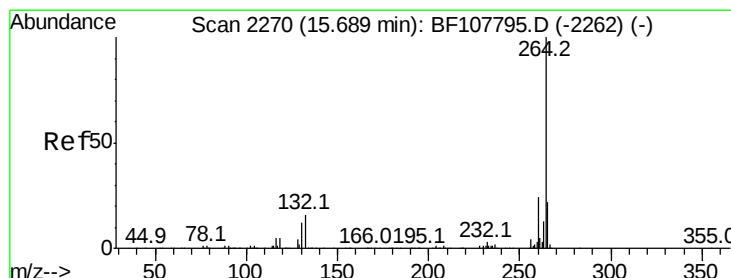
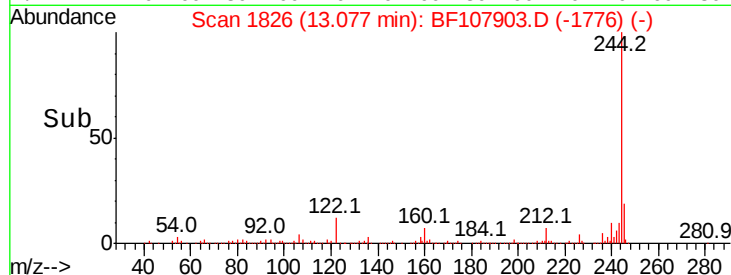
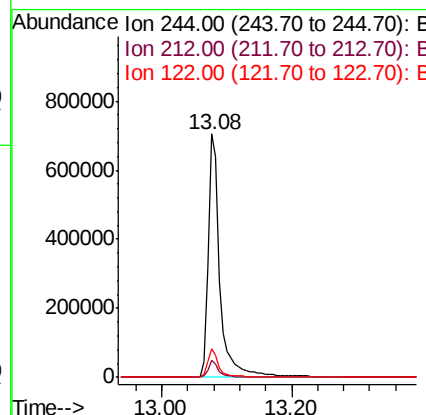
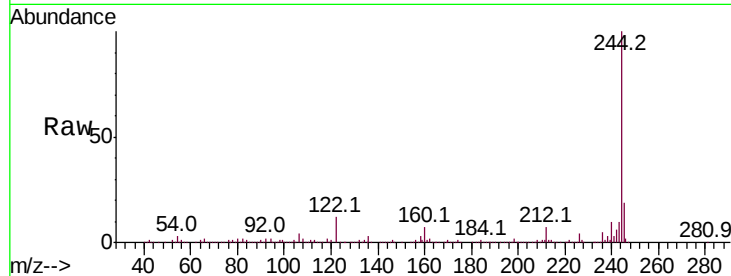




#78
 Terphenyl-d14
 Concen: 53.931 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 883331
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF107903.D
 Acq: 1 Aug 2018 21:38

Tgt Ion:264 Resp: 369961
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.9 17.5 26.3

