

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109822.D
 Acq On : 12 Oct 2018 8:32
 Operator : JU/SJ
 Sample : J5296-14
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 10:36:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	75082	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	270603	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	108410	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	199473	20.00	ng	0.00
75) Chrysene-d12	13.83	240	233965	20.00	ng	0.00
86) Perylene-d12	15.23	264	163562	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	149044	35.24	ng	-0.01
7) Phenol-d6	6.35	99	118213	20.92	ng	-0.01
23) Nitrobenzene-d5	7.26	82	521307	106.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	101094	85.58	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	848591	107.81	ng	0.00
78) Terphenyl-d14	12.78	244	880663	72.87	ng	0.00

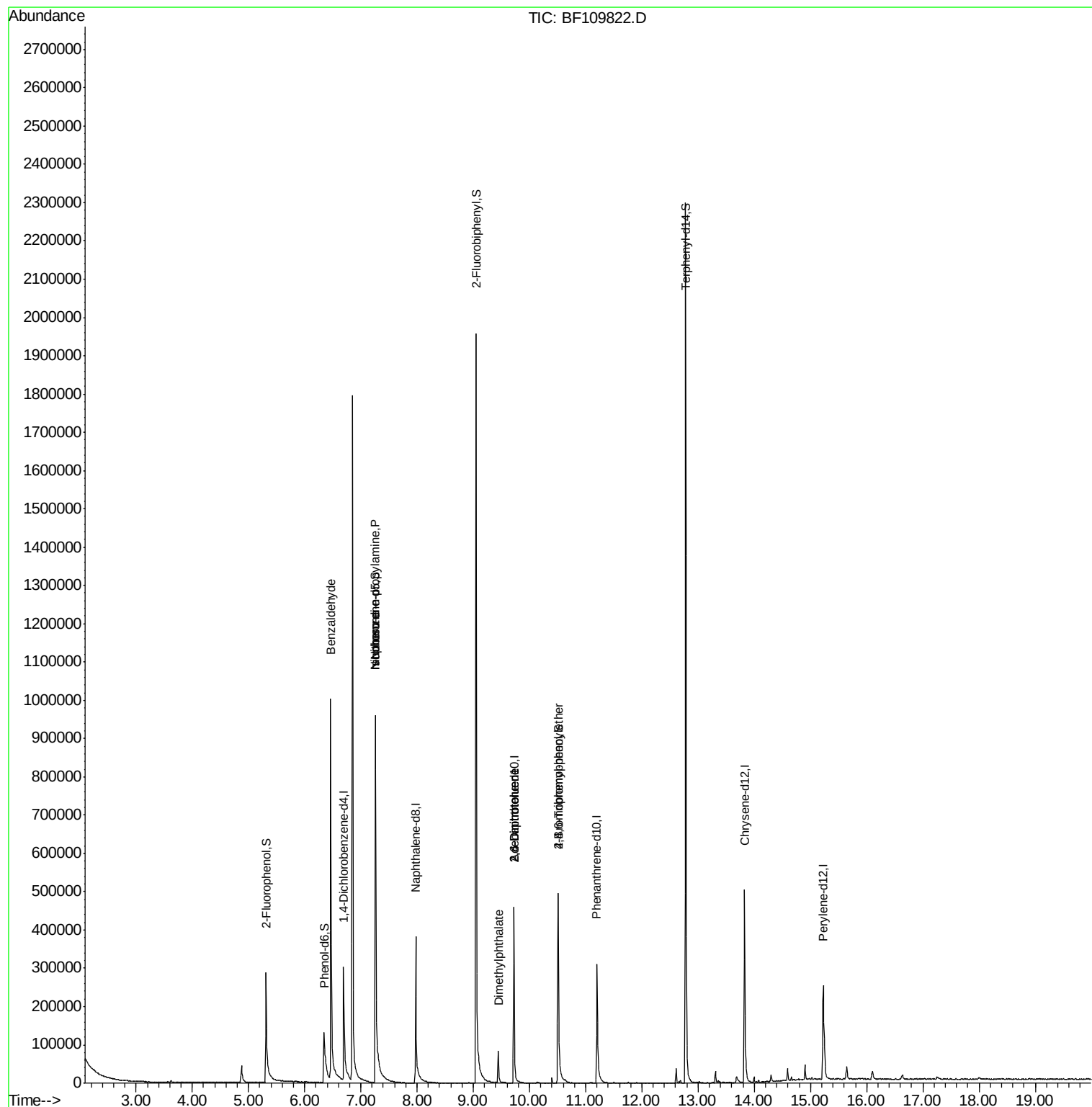
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.46	77	7531	2.071	ng	# 71
19) n-Nitroso-di-n-propylamine	7.26	70	63358	15.989	ng	# 78
25) Isophorone	7.26	82	521967	64.031	ng	# 67
49) Dimethylphthalate	9.45	163	54662	6.875	ng	# 99
50) 2,6-Dinitrotoluene	9.72	165	12724	7.383	ng	# 21
56) 2,4-Dinitrotoluene	9.72	165	12724	5.916	ng	# 17
66) 4-Bromophenyl-phenylether	10.51	248	5501	2.400	ng	# 1

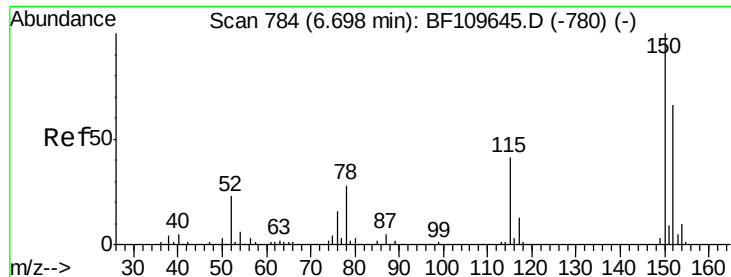
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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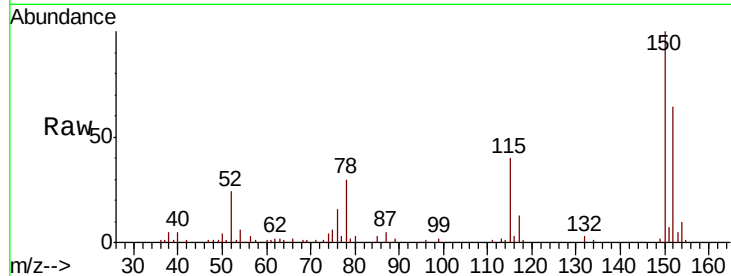


#1

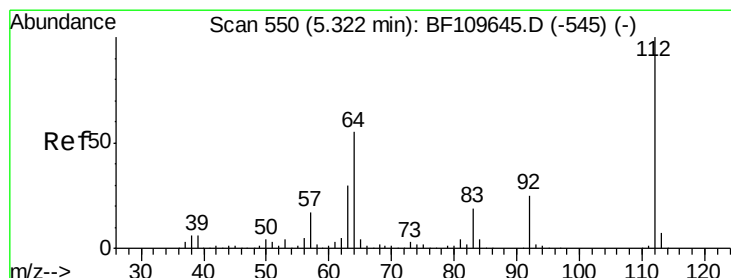
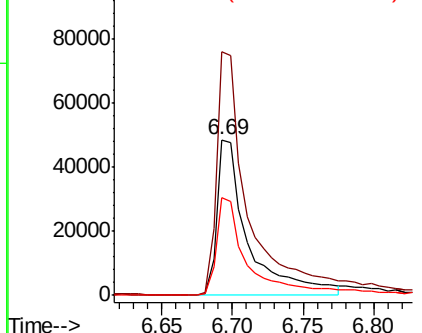
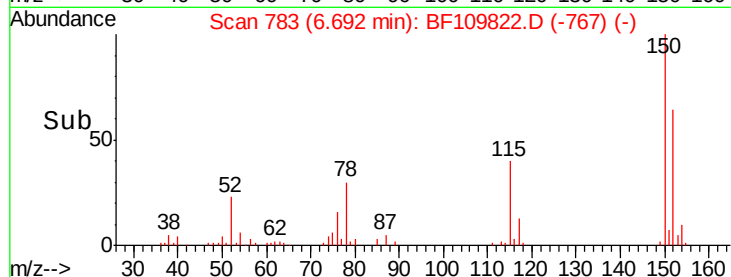
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75082
Ion Ratio Lower Upper
152 100
150 156.5 122.7 184.1
115 63.1 49.1 73.7



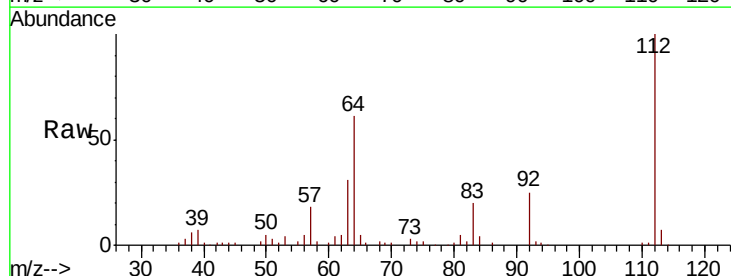
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



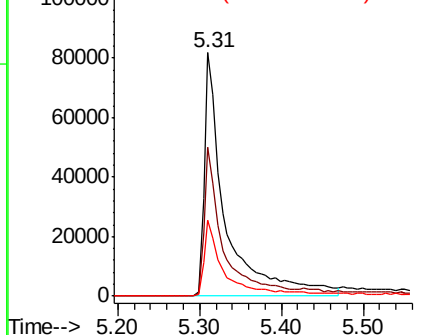
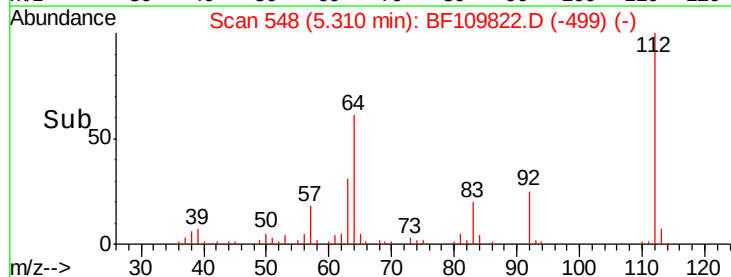
#5

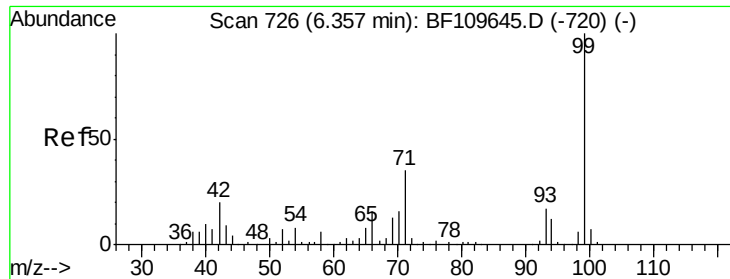
2-Fluorophenol
Concen: 35.236 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

Tgt Ion:112 Resp: 149044
Ion Ratio Lower Upper
112 100
64 61.1 44.1 66.1
63 31.2 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: 20.920 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109822.D

Acq: 12 Oct 2018 8:32

Instrument :

BNA_F

ClientSampleId :

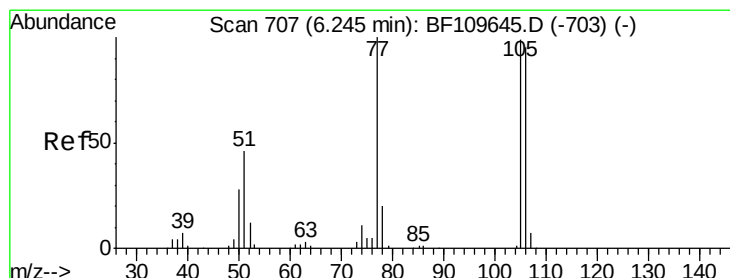
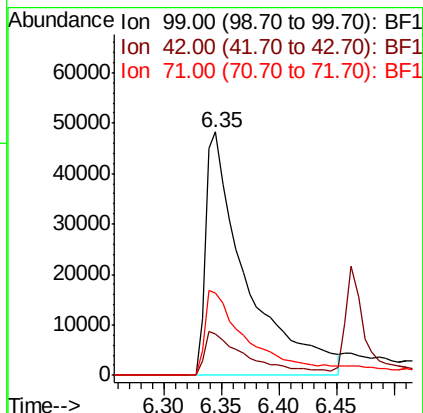
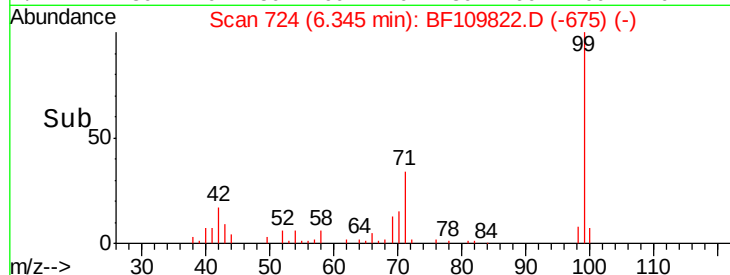
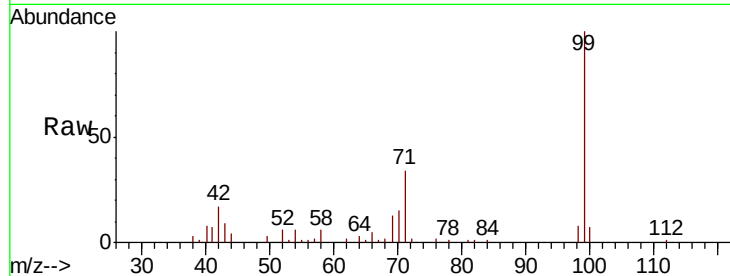
Tot Ion: 99 Resp: 118213

Ion Ratio Lower Upper

99 100

42 16.9 15.8 23.6

71 33.6 28.0 42.0



#9

Benzaldehyde

Concen: 2.071 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.22 min

Lab File: BF109822.D

Acq: 12 Oct 2018 8:32

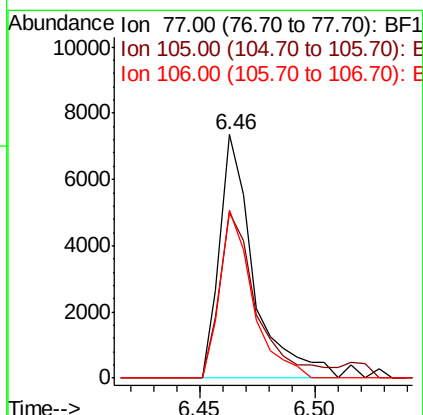
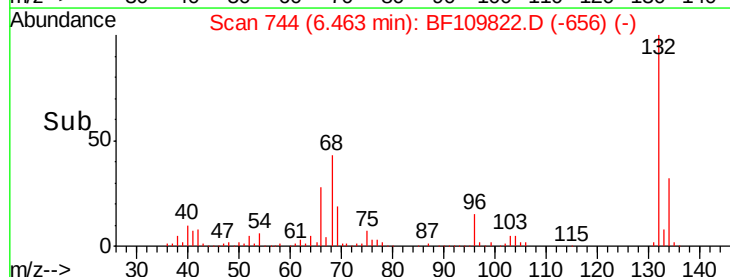
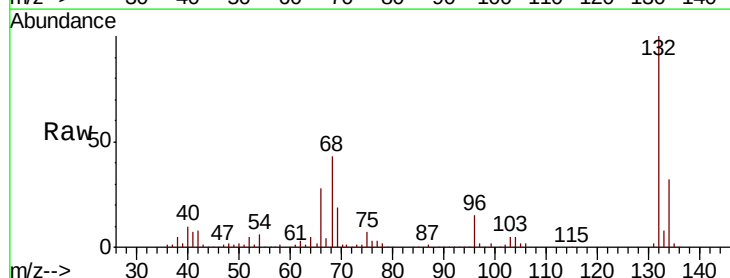
Tgt Ion: 77 Resp: 7531

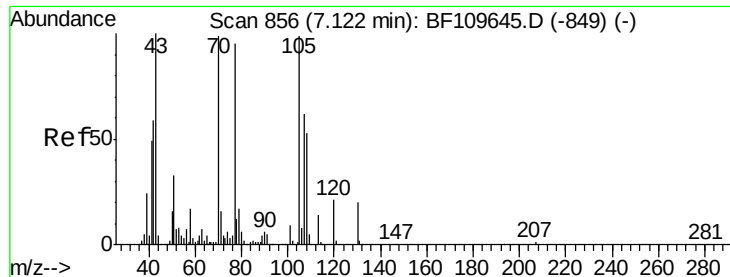
Ion Ratio Lower Upper

77 100

105 67.9 78.6 118.6#

106 68.9 74.8 114.8#

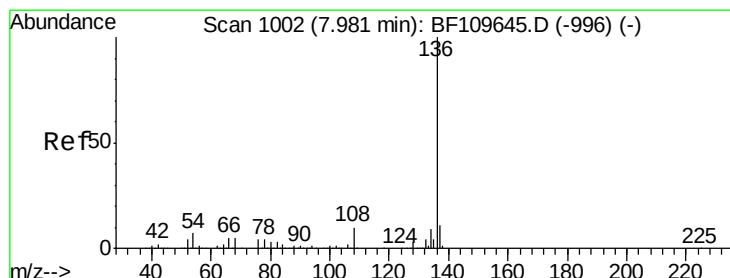
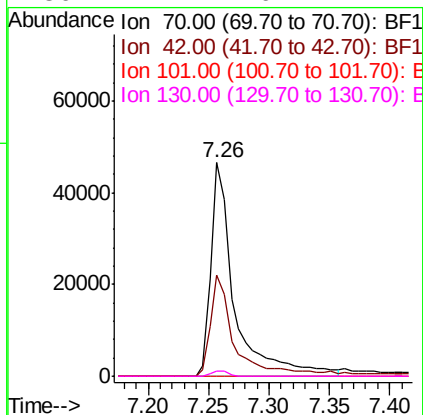
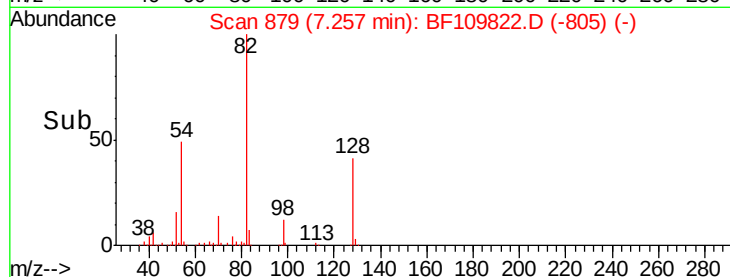
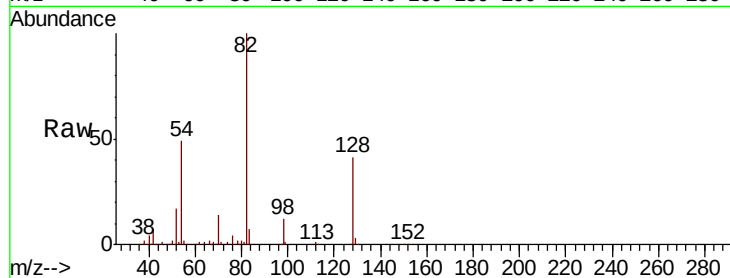




#19
n-Nitroso-di-n-propylamine
Concen: 15.989 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

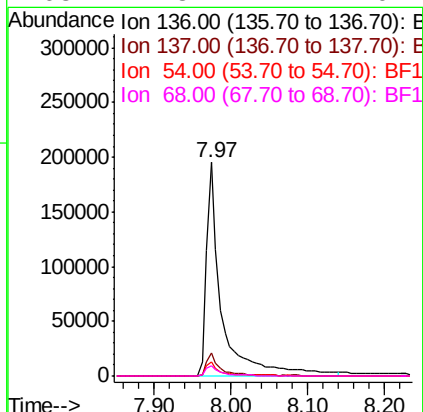
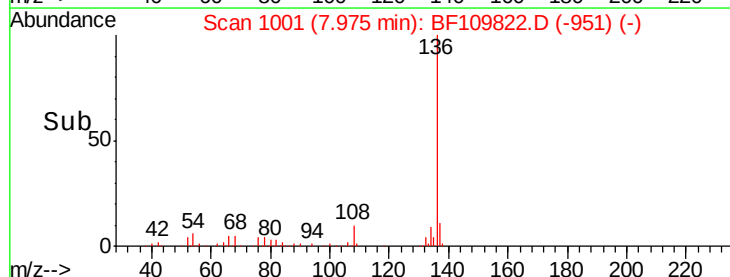
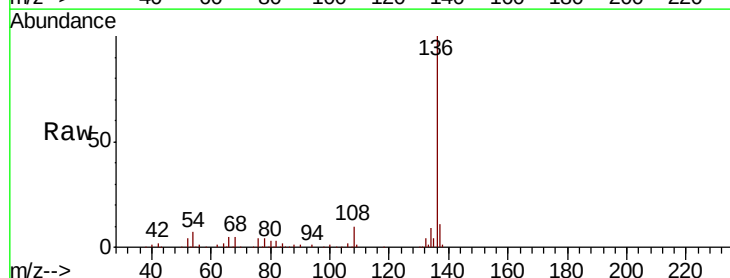
Instrument :
BNA_F
ClientSampleId :

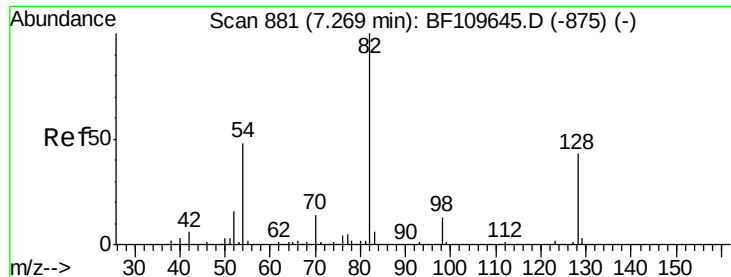
Tot Ion	Ratio	Lower	Upper
70	100		
42	47.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.7	5.4	8.2
68	4.8	4.2	6.2

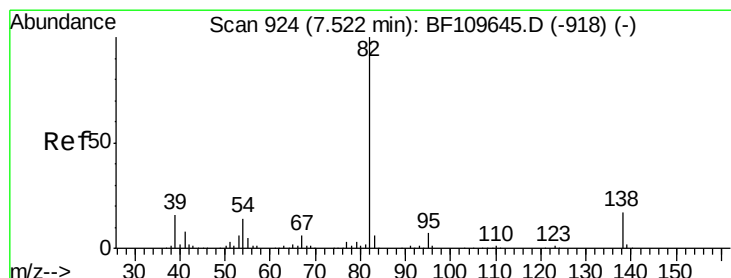
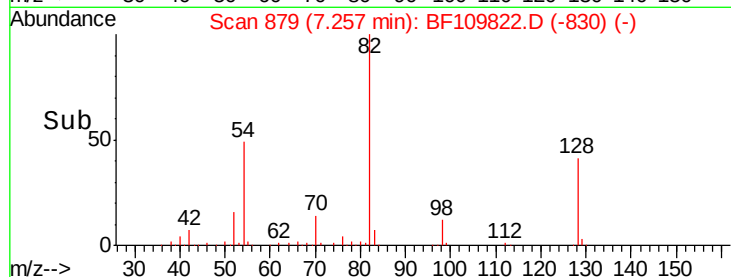
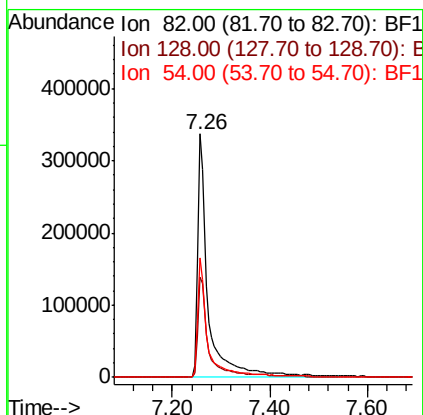
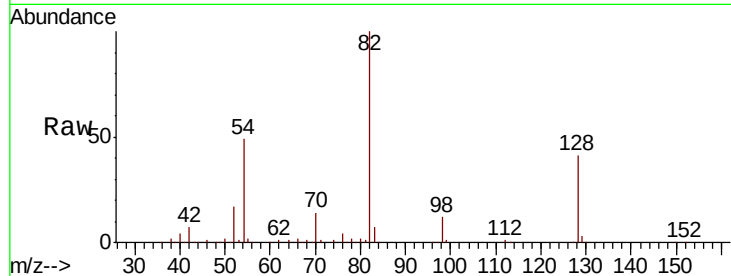




#23
Nitrobenzene-d5
Concen: 106.193 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

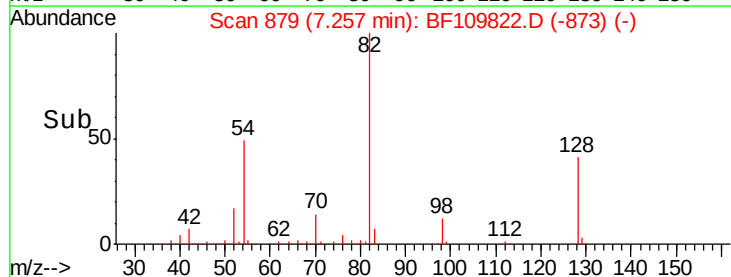
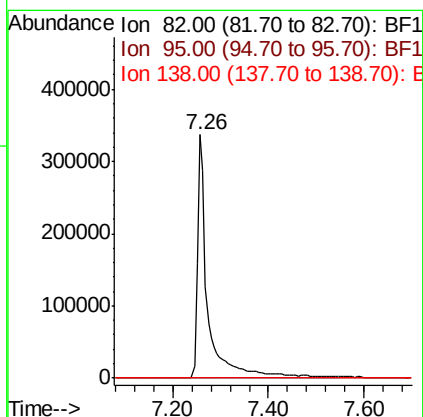
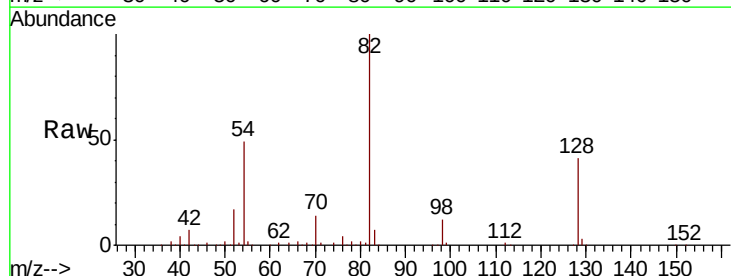
Instrument :
BNA_F
ClientSampleId :

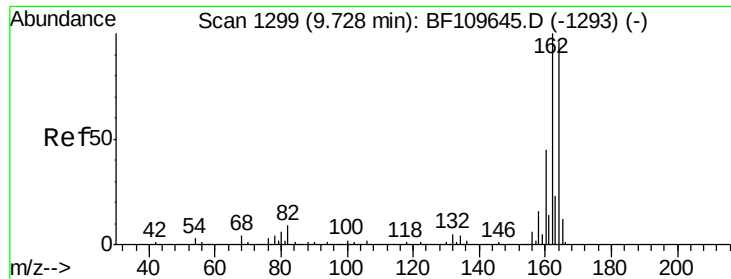
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.2	51.2
54	49.3	38.6	58.0



#25
Isophorone
Concen: 64.031 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

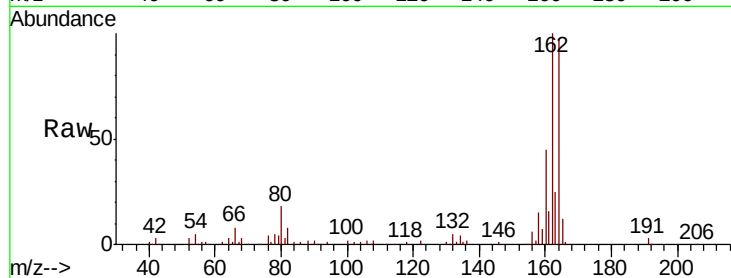




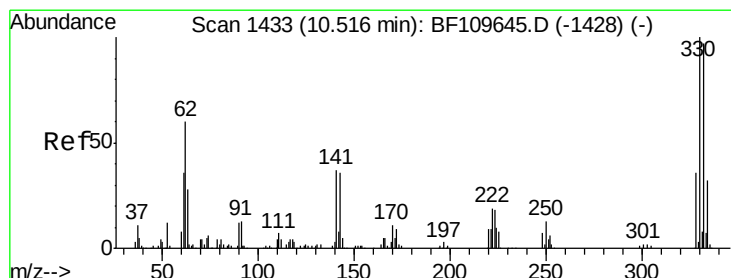
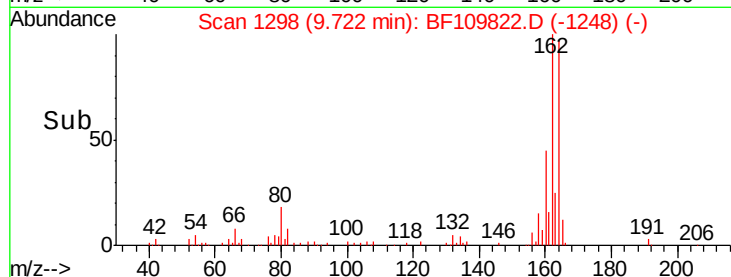
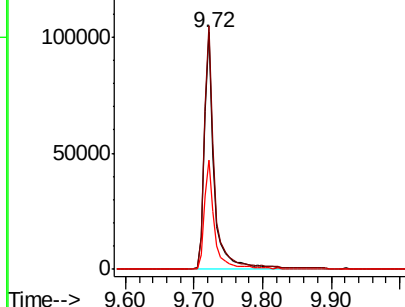
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109822.D
 Acq: 12 Oct 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.0	124.6
160	46.3	37.0	55.6

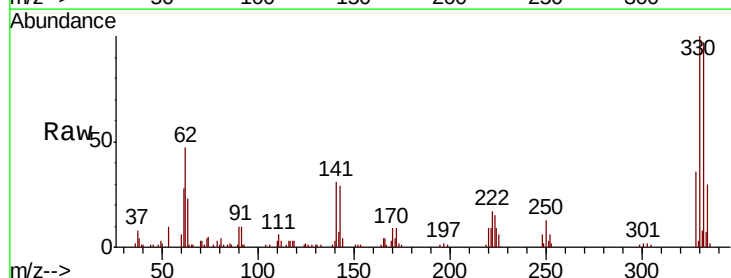


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

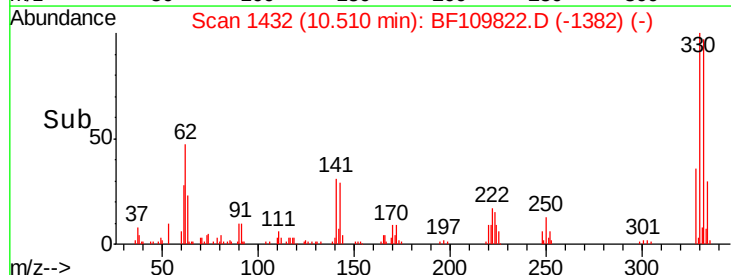
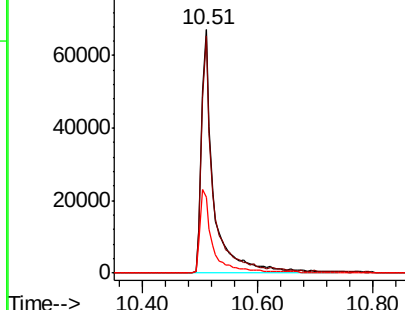


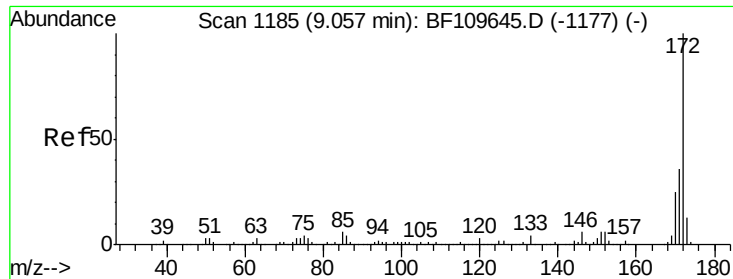
#41
 2,4,6-Tribromophenol
 Concen: 85.583 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109822.D
 Acq: 12 Oct 2018 8:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	35.1	27.0	40.4



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

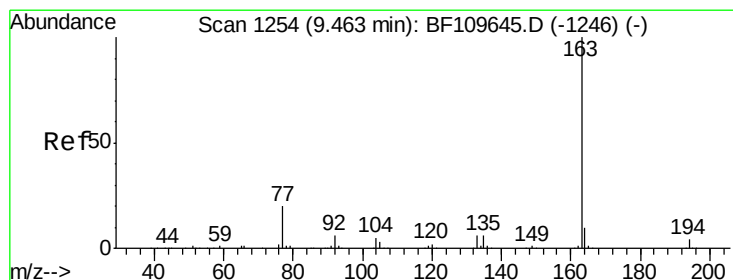
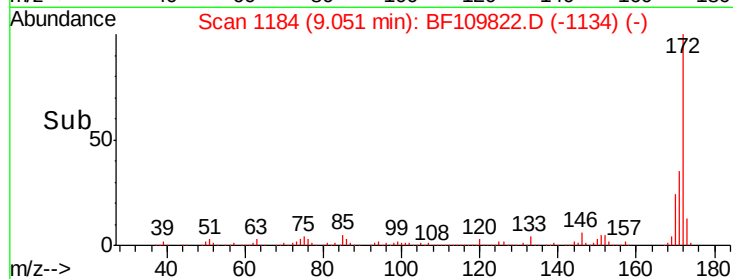
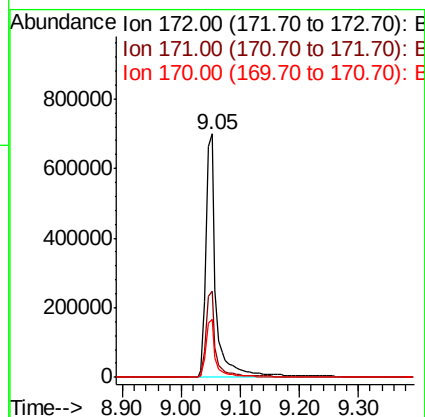
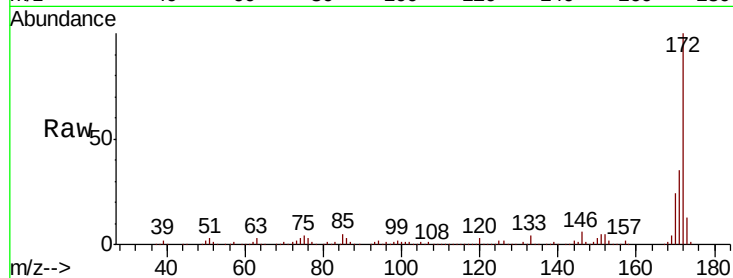




#44
2-Fluorobiphenyl
Concen: 107.806 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

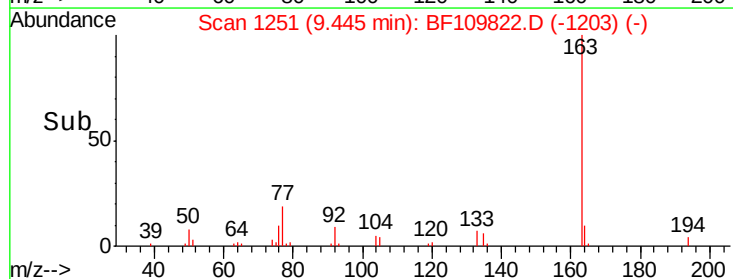
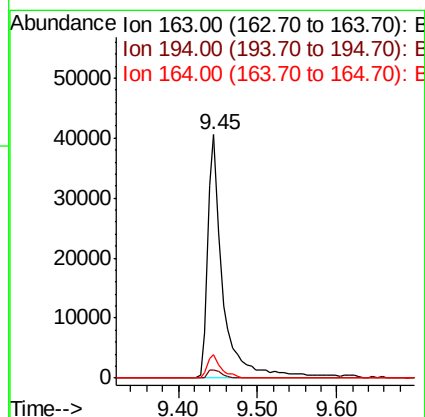
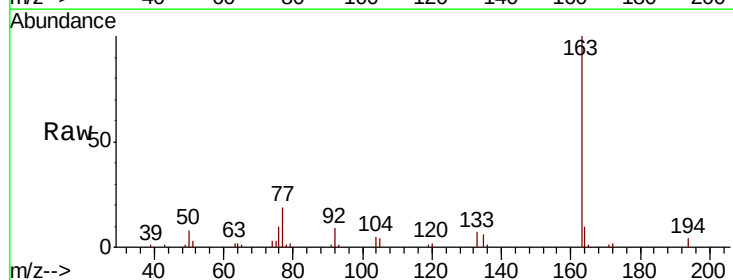
Instrument :
BNA_F
ClientSampleId :

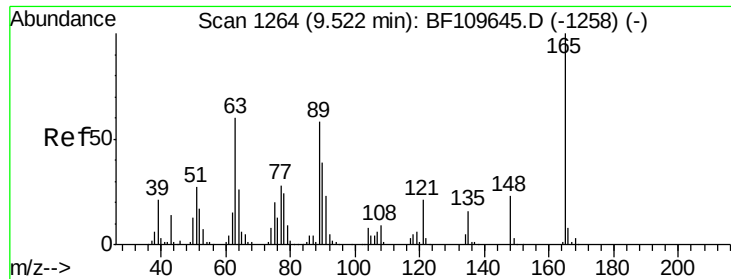
Tot Ion:172 Resp: 848591
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.0 19.7 29.5



#49
Dimethylphthalate
Concen: 6.875 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

Tgt Ion:163 Resp: 54662
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.7 8.1 12.1

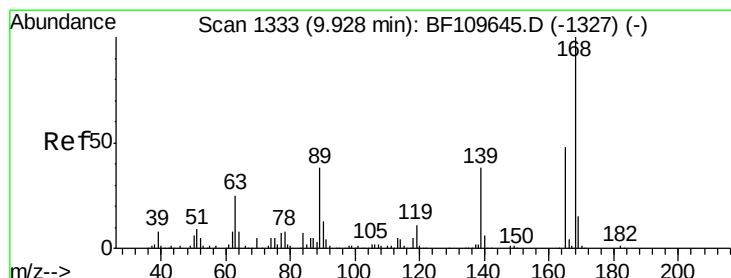
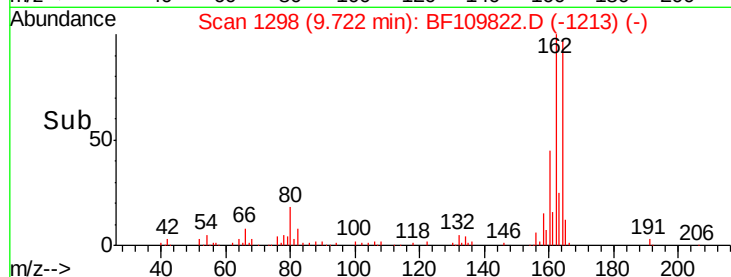
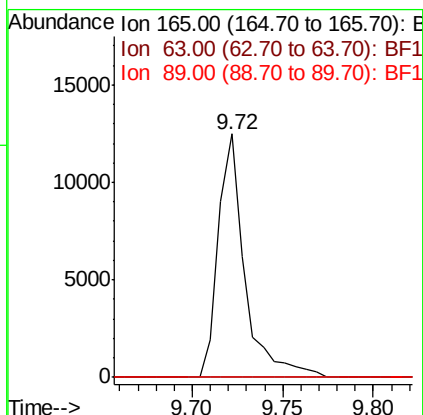
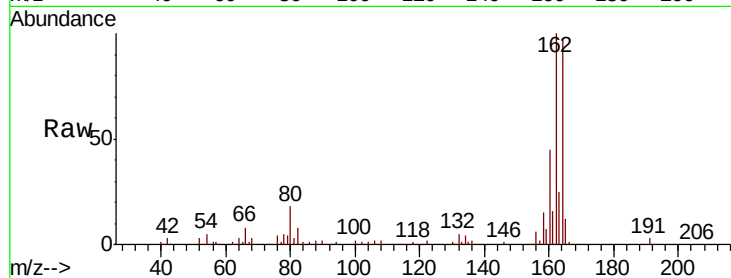




#50
 2,6-Dinitrotoluene
 Concen: 7.383 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109822.D
 Acq: 12 Oct 2018 8:32

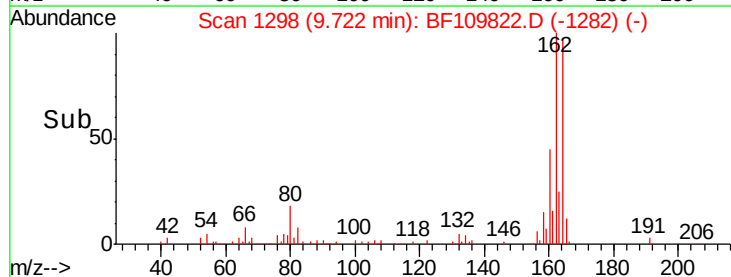
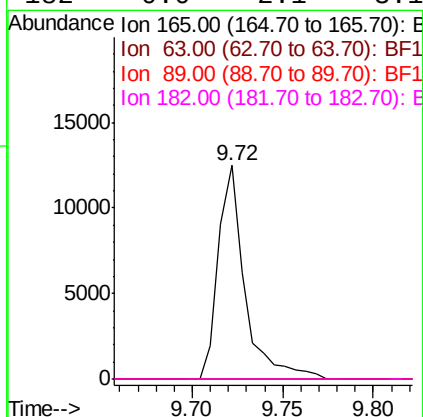
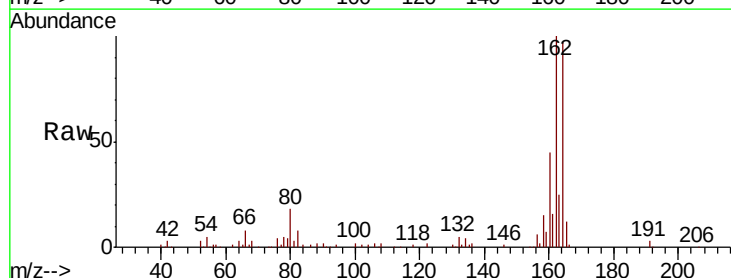
Instrument :
 BNA_F
 ClientSampled :

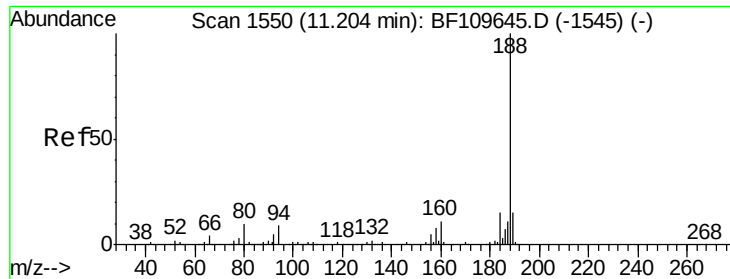
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.916 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109822.D
 Acq: 12 Oct 2018 8:32

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

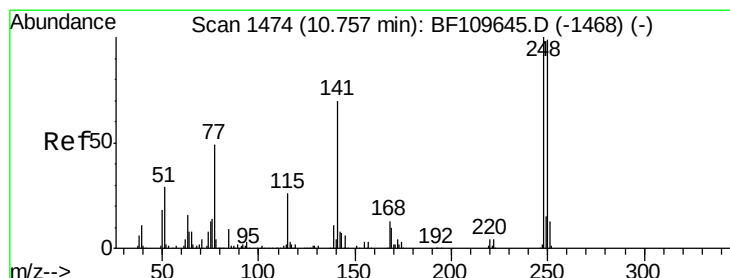
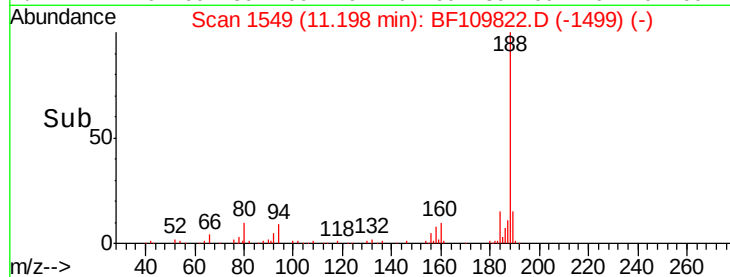
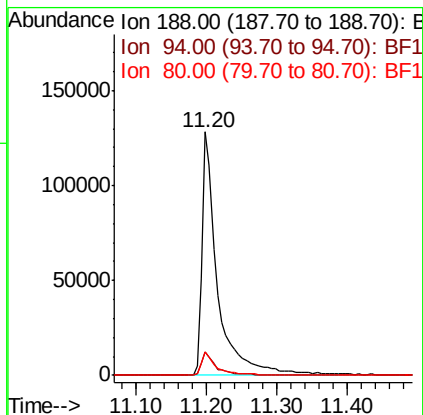
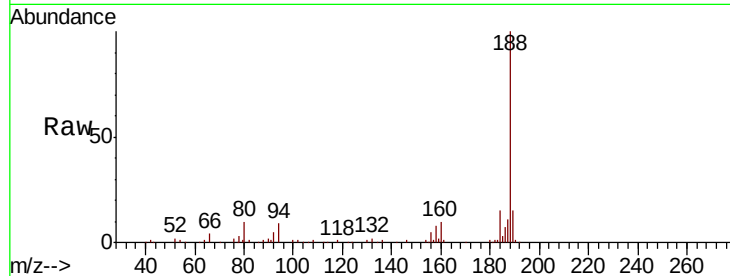




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

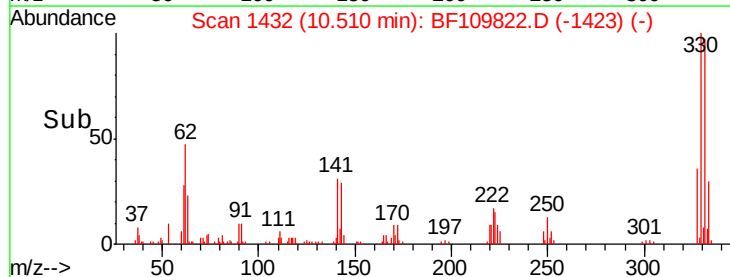
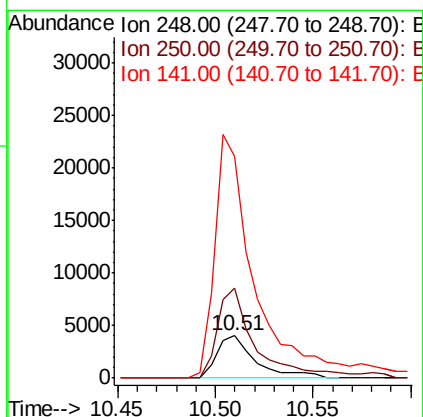
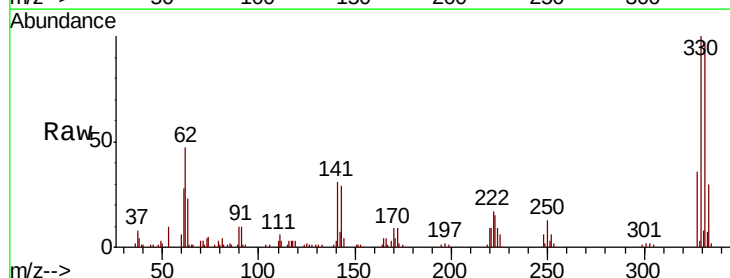
Instrument :
BNA_F
ClientSampleId :

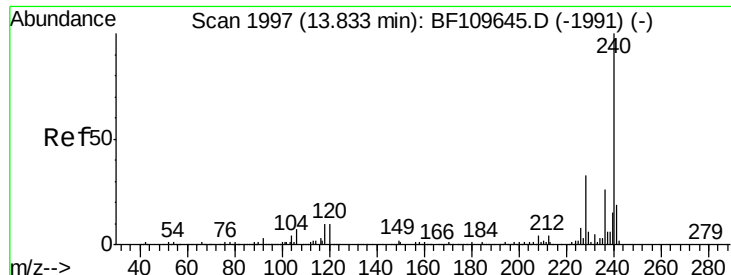
Tot Ion:188 Resp: 199473
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.6 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.400 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109822.D
Acq: 12 Oct 2018 8:32

Tgt Ion:248 Resp: 5501
Ion Ratio Lower Upper
248 100
250 211.9 79.4 119.2#
141 522.7 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109822.D

Acq: 12 Oct 2018 8:32

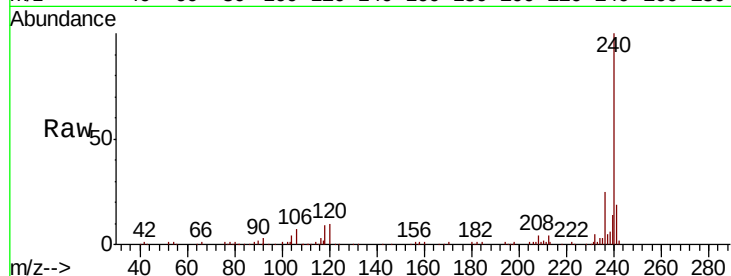
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 233965

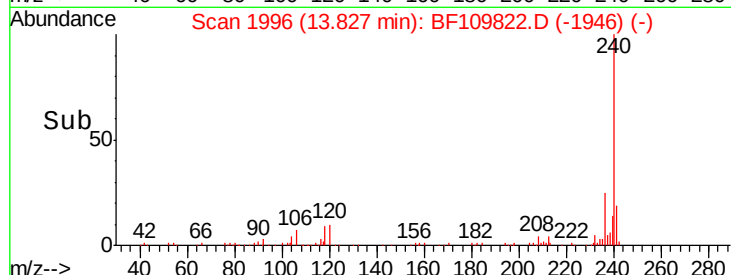
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.1	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E

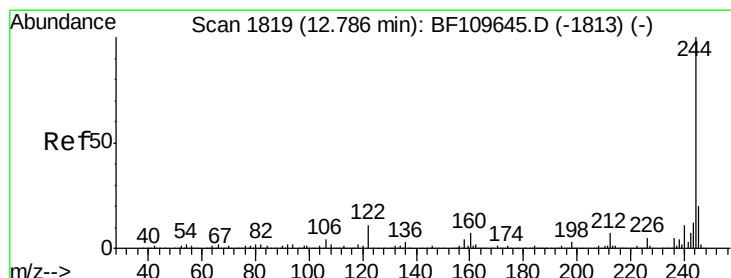
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



13.83

Time--> 13.70 13.80 13.90 14.00



#78

Terphenyl-d14

Concen: 72.866 ng

RT: 12.78 min Scan# 1818

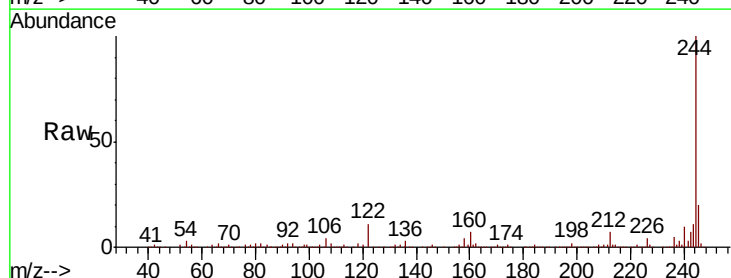
Delta R.T. -0.01 min

Lab File: BF109822.D

Acq: 12 Oct 2018 8:32

Tgt Ion:244 Resp: 880663

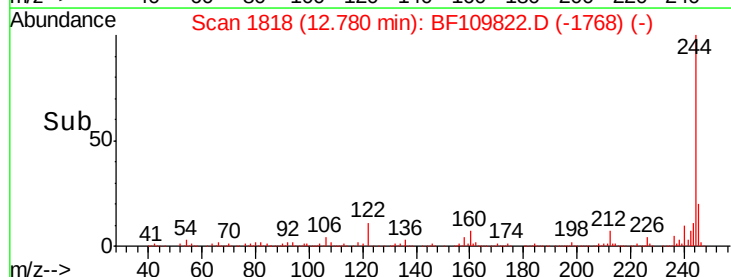
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.2	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E

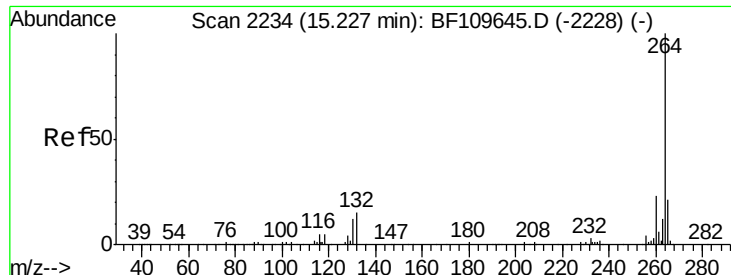
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



12.78

Time--> 12.70 12.80 12.90 13.00



#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. 0.00 min
 Lab File: BF109822.D
 Acq: 12 Oct 2018 8:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.7	28.1
265	21.8	16.7	25.1

