

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
 Data File : BF109832.D
 Acq On : 12 Oct 2018 14:32
 Operator : JU/SJ
 Sample : PB113692BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 15:29:47 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

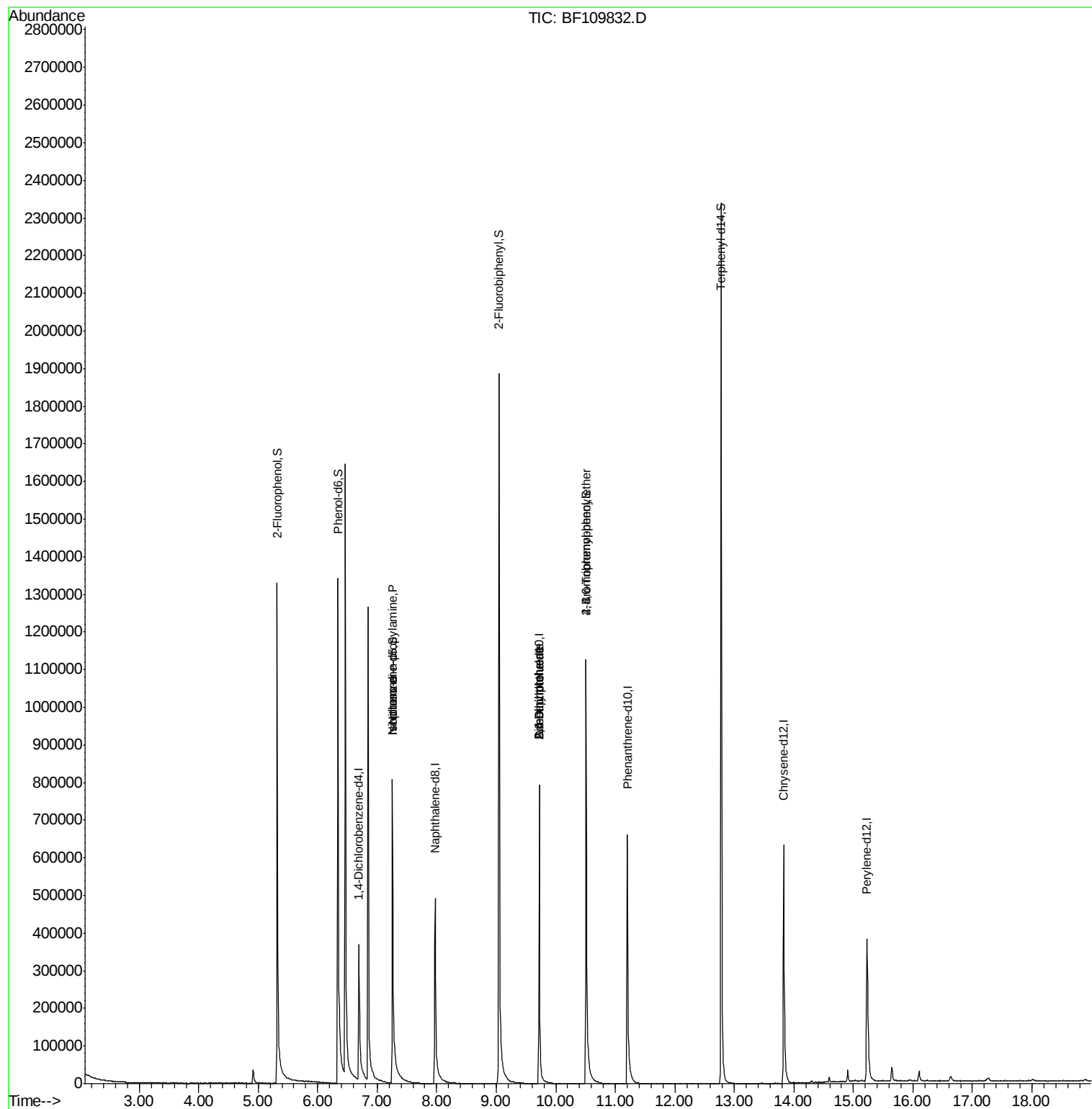
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	87762	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	388966	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	193581	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	409229	20.00	ng	0.00
75) Chrysene-d12	13.83	240	328695	20.00	ng	0.00
86) Perylene-d12	15.23	264	268644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	464978	94.04	ng	0.00
7) Phenol-d6	6.34	99	667550	101.07	ng	-0.02
23) Nitrobenzene-d5	7.26	82	446052	63.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	197849	93.80	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	885941	63.03	ng	0.00
78) Terphenyl-d14	12.78	244	918512	54.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	55737	12.033	ng	# 79
25) Isophorone	7.26	82	446050	38.067	ng	# 67
49) Dimethylphthalate	9.72	163	46439	3.271	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	23508	7.639	ng	# 23
56) 2,4-Dinitrotoluene	9.72	165	23935	6.232	ng	# 19
66) 4-Bromophenyl-phenylether	10.51	248	11317	2.407	ng	# 1

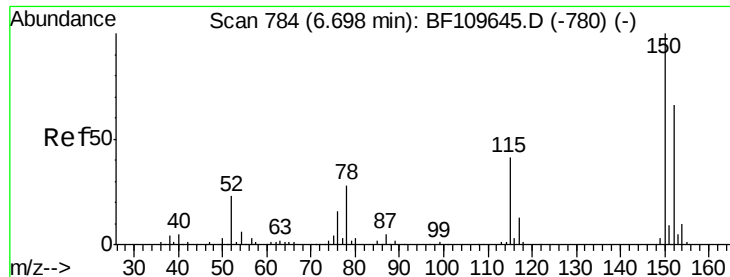
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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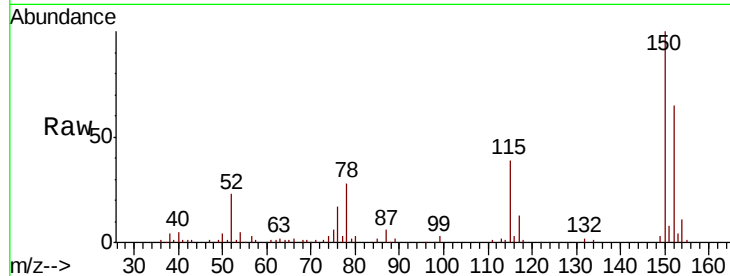


#1

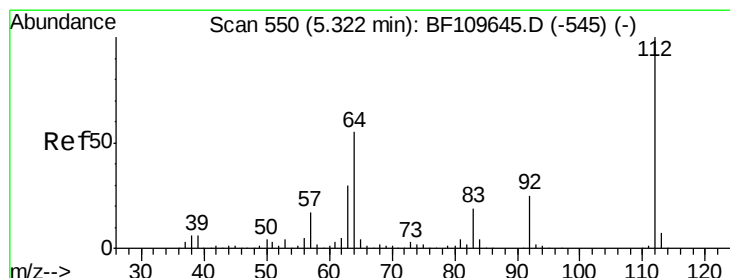
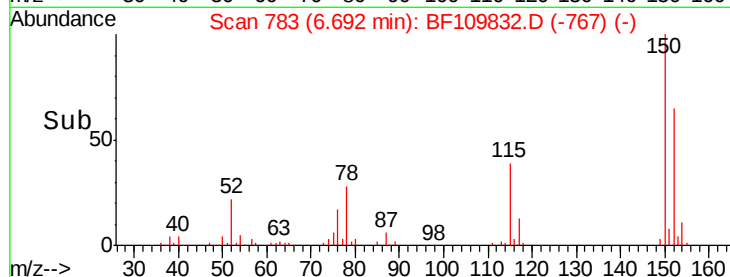
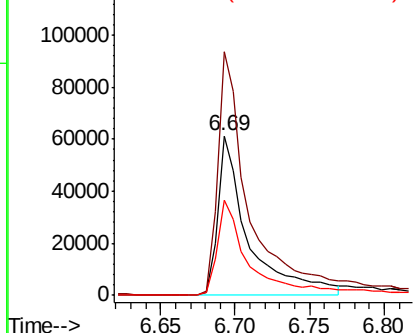
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87762
Ion Ratio Lower Upper
152 100
150 152.9 122.7 184.1
115 59.8 49.1 73.7



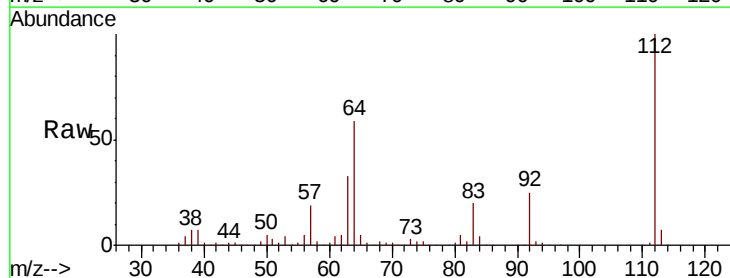
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



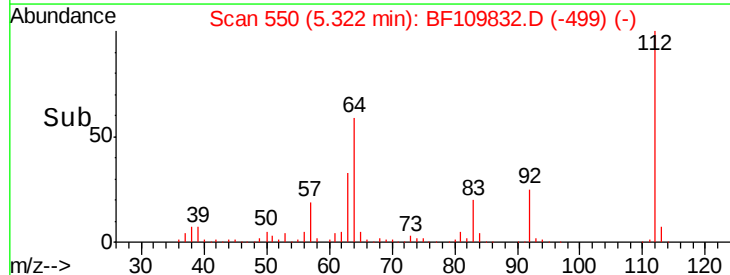
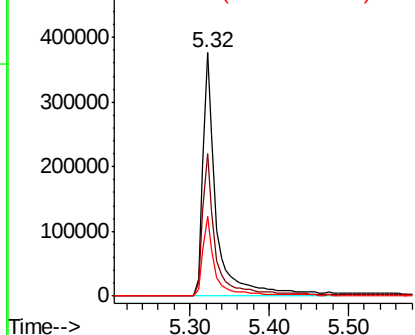
#5

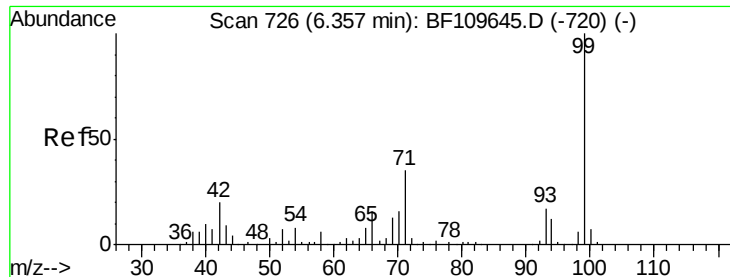
2-Fluorophenol
Concen: 94.044 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Tgt Ion:112 Resp: 464978
Ion Ratio Lower Upper
112 100
64 58.7 44.1 66.1
63 32.9 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: 101.068 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Instrument :

BNA_F

ClientSampleId :

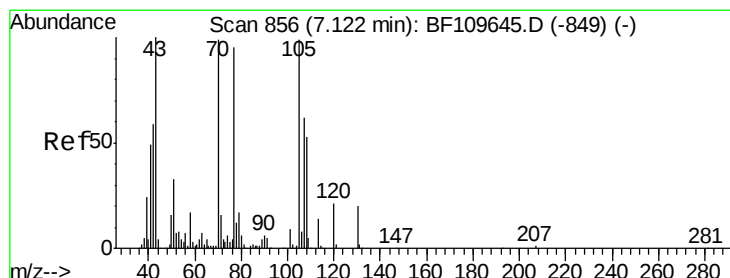
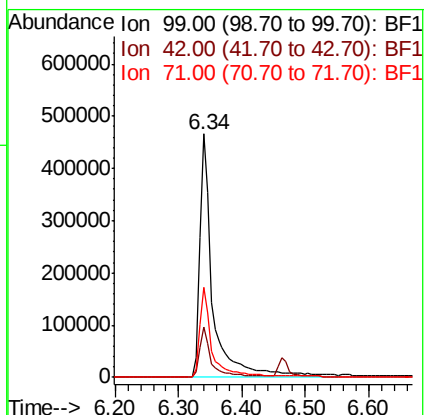
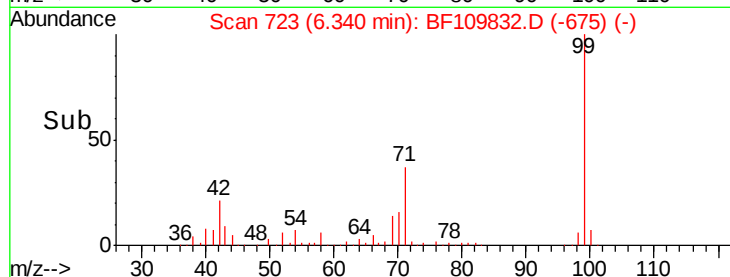
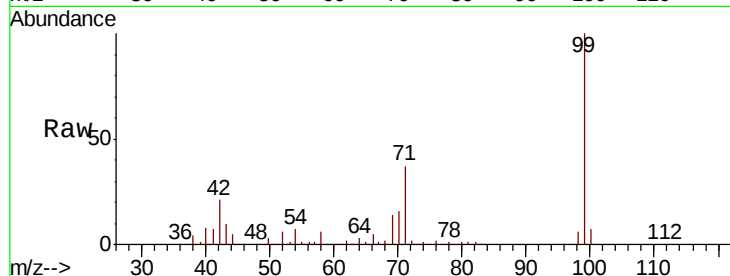
Tot Ion: 99 Resp: 667550

Ion Ratio Lower Upper

99 100

42 20.5 15.8 23.6

71 37.2 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.033 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Tgt Ion: 70 Resp: 55737

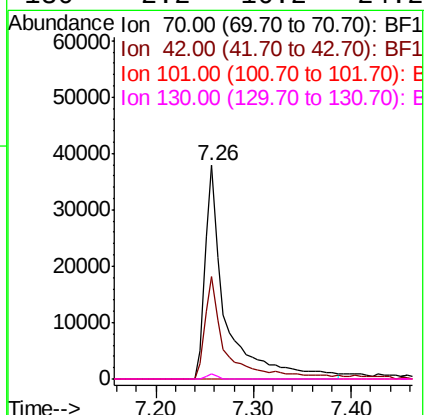
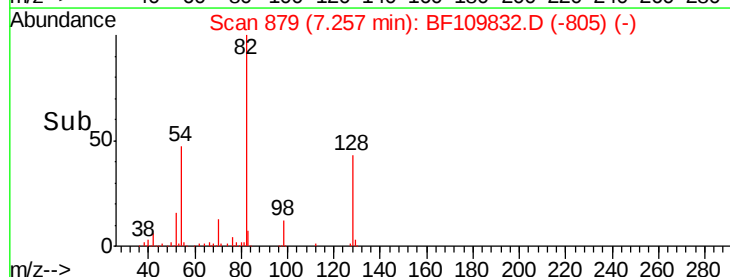
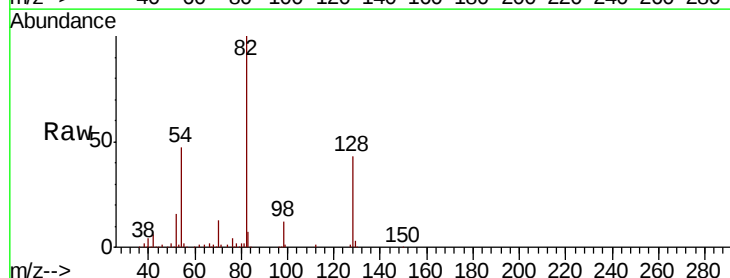
Ion Ratio Lower Upper

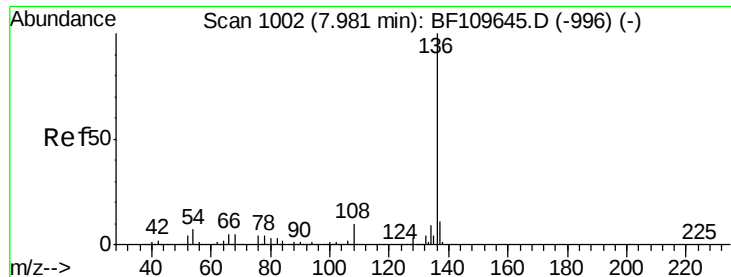
70 100

42 48.2 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

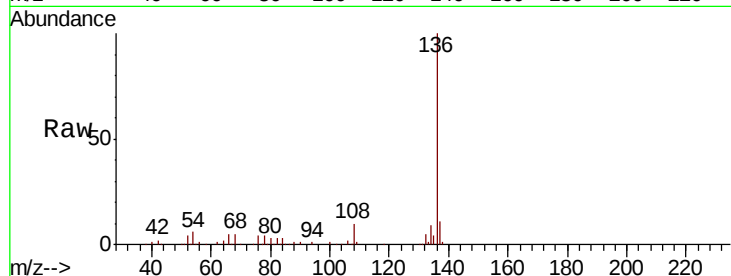




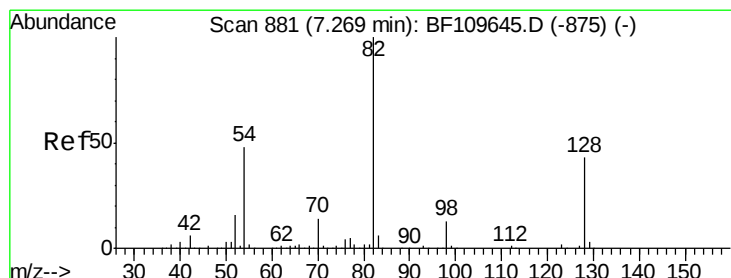
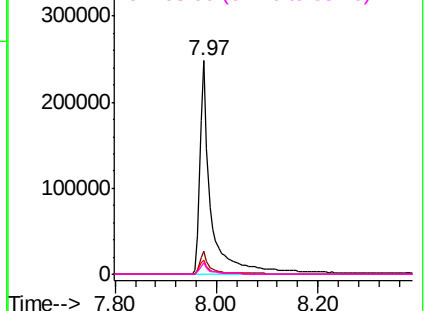
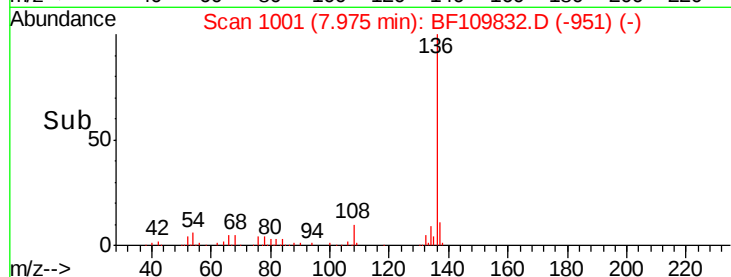
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	388966
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	6.5	5.4 8.2
68	5.2	4.2 6.2

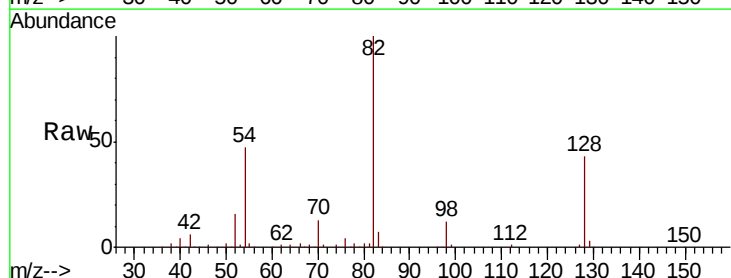


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

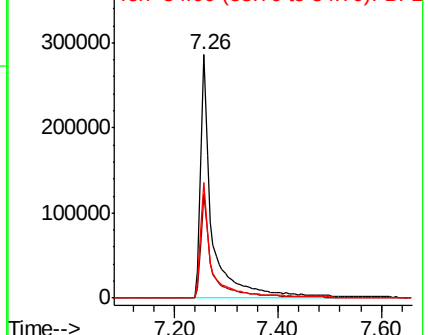
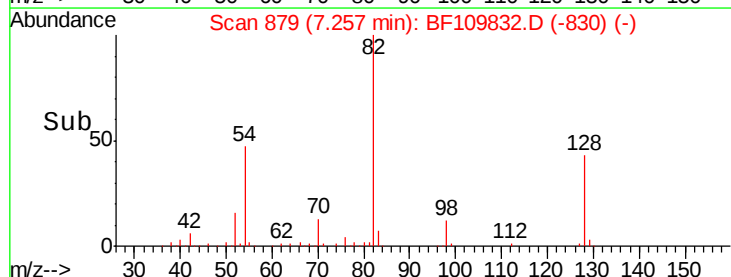


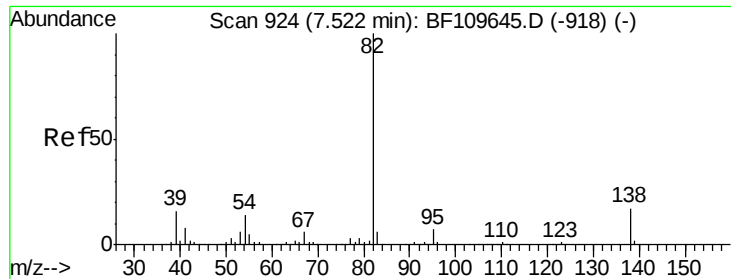
#23
Nitrobenzene-d5
Concen: 63.214 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Tgt Ion: 82	Resp:	446052
Ion Ratio	Lower	Upper
82	100	
128	42.9	34.2 51.2
54	47.2	38.6 58.0



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





#25

Isophorone

Concen: 38.067 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Instrument :

BNA_F

ClientSampleId :

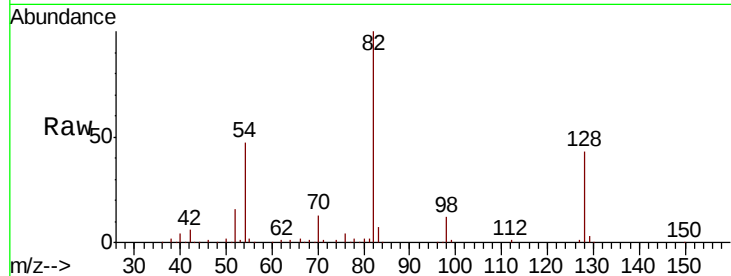
Tot Ion: 82 Resp: 446050

Ion Ratio Lower Upper

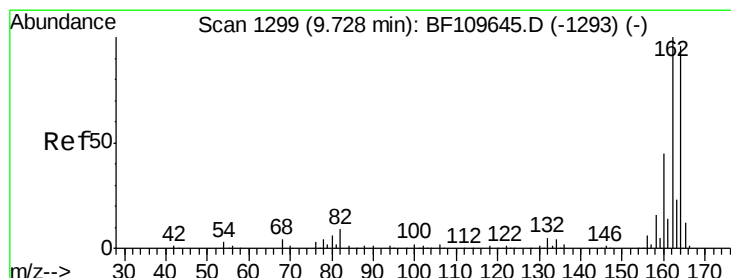
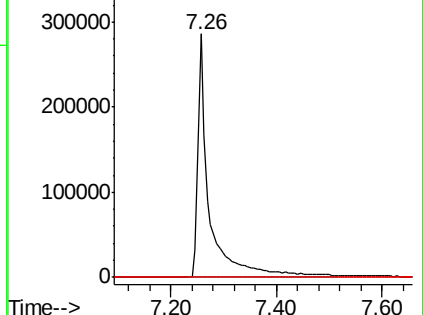
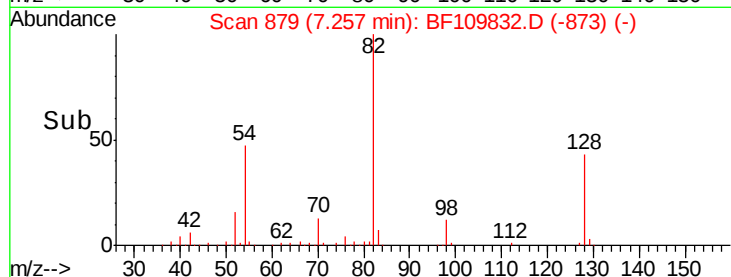
82 100

95 0.0 5.7 8.5#

138 0.0 13.2 19.8#



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: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

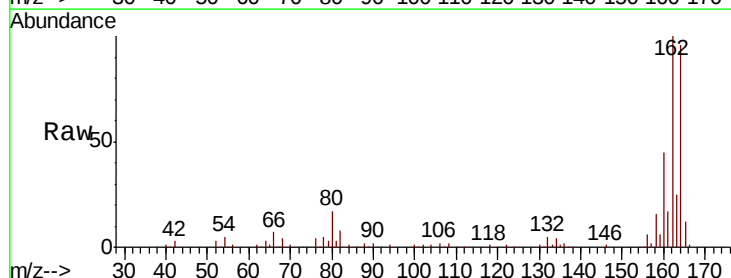
Tgt Ion:164 Resp: 193581

Ion Ratio Lower Upper

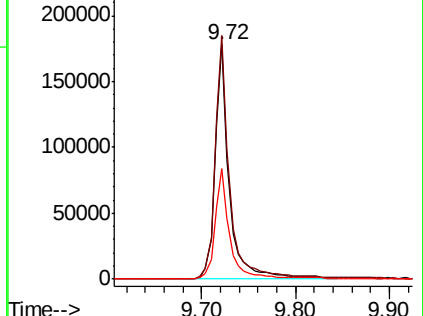
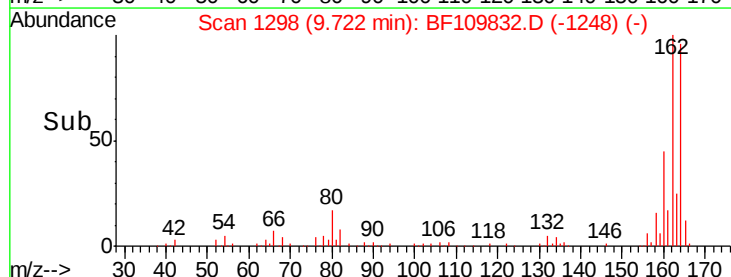
164 100

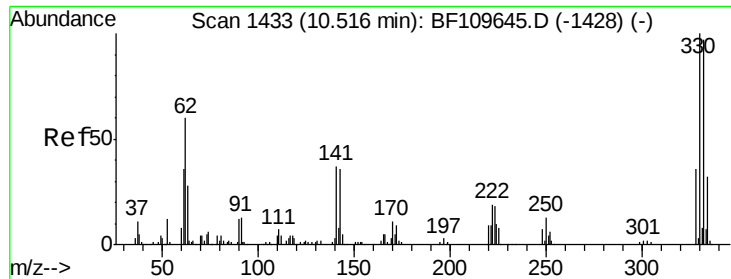
162 103.9 83.0 124.6

160 47.2 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

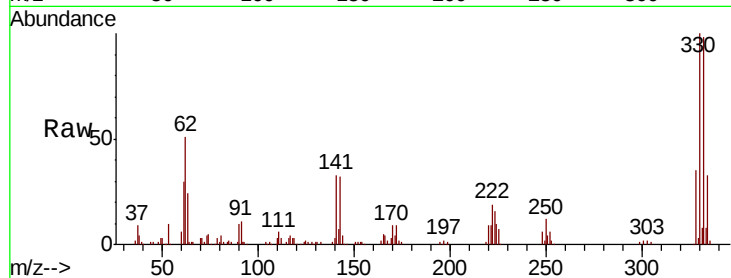




#41
 2,4,6-Tribromophenol
 Concen: 93.800 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	34.5	27.0	40.4

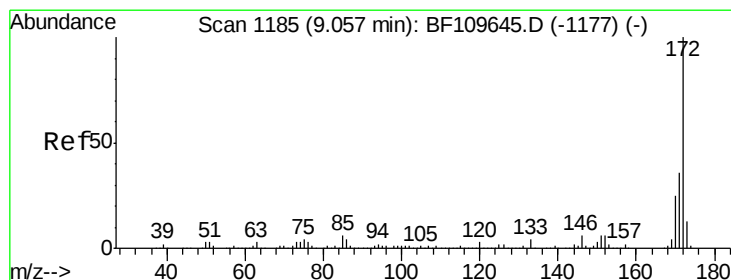
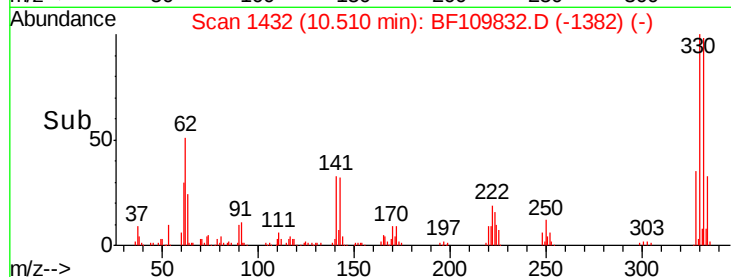
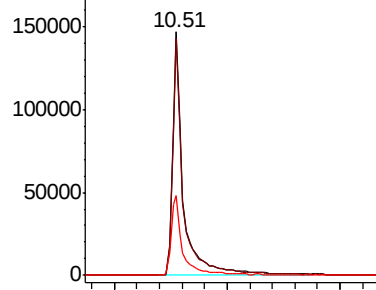


Abundance

Ion 329.80 (329.50 to 330.50): E

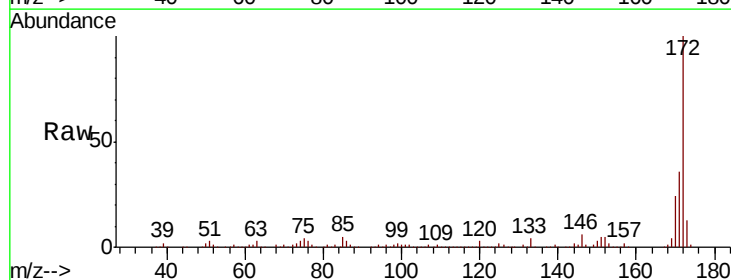
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 63.031 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.7	29.5

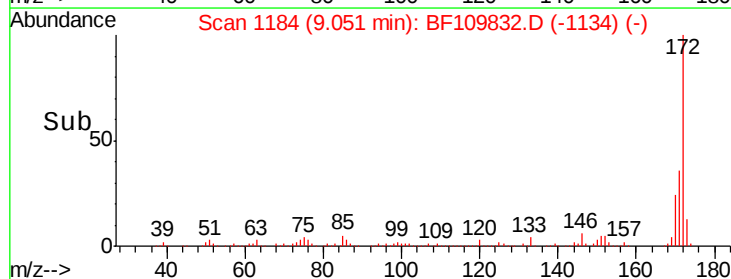
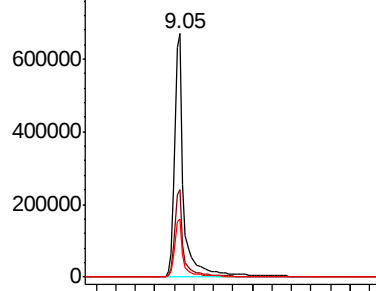


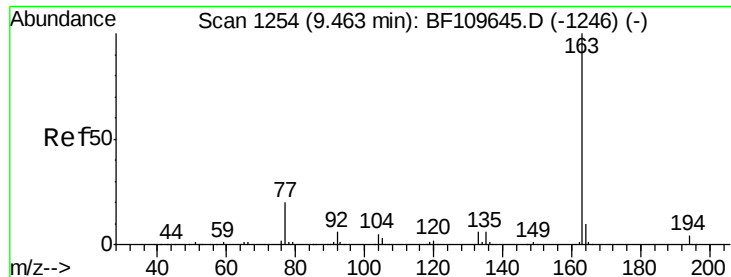
Abundance

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

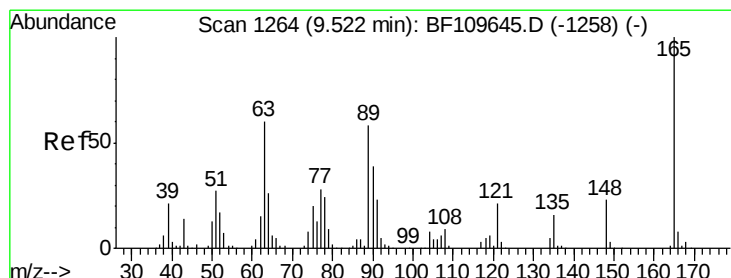
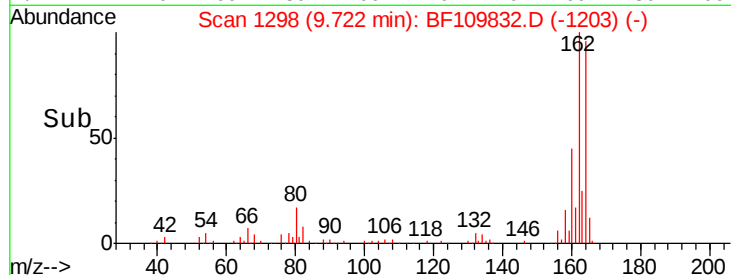
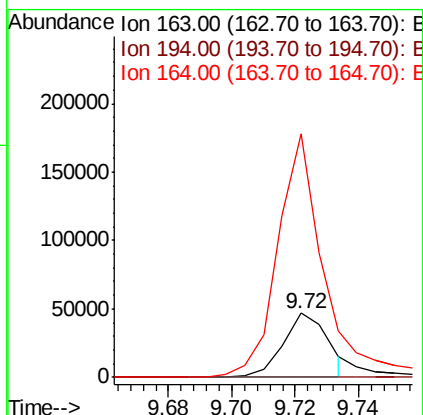
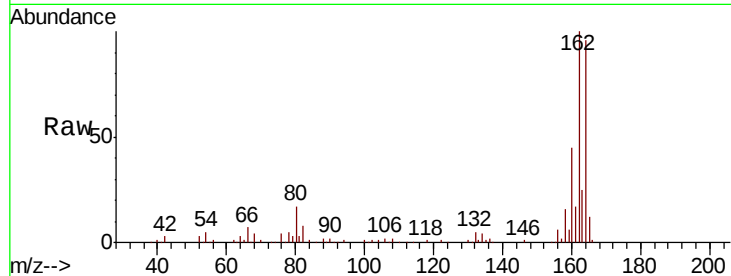




#49
Dimethylphthalate
Concen: 3.271 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

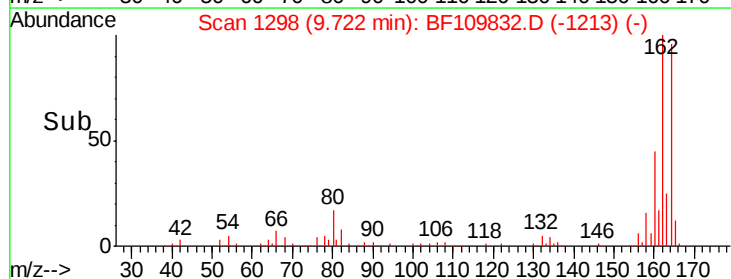
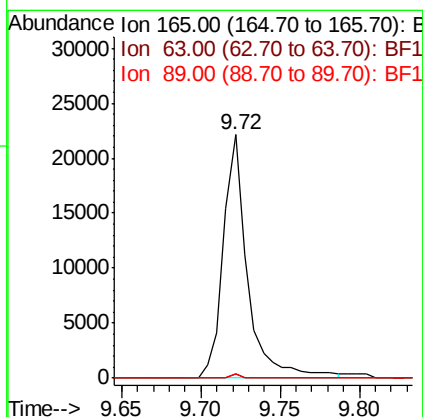
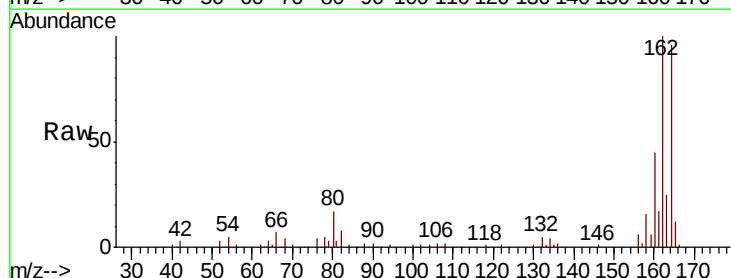
Instrument :
BNA_F
ClientSampled :

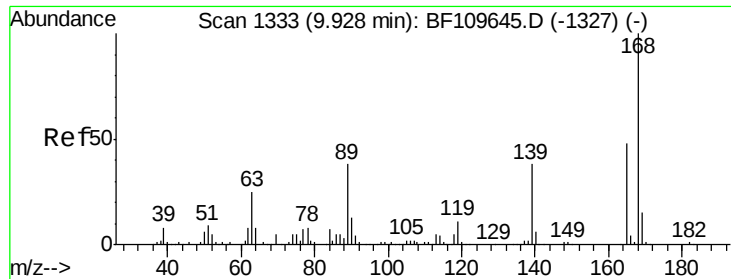
Tot Ion:163 Resp: 46439
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 379.1 8.1 12.1#



#50
2,6-Dinitrotoluene
Concen: 7.639 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF109832.D
Acq: 12 Oct 2018 14:32

Tgt Ion:165 Resp: 23508
Ion Ratio Lower Upper
165 100
63 1.5 48.9 73.3#
89 1.9 46.6 69.8#

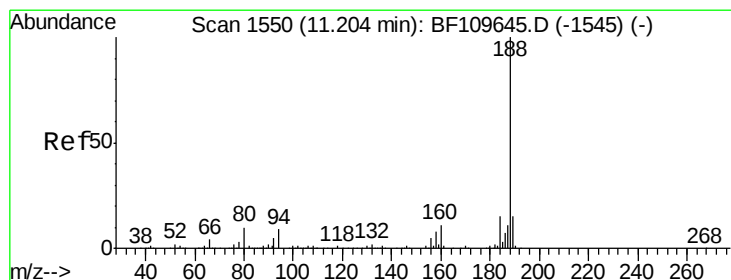
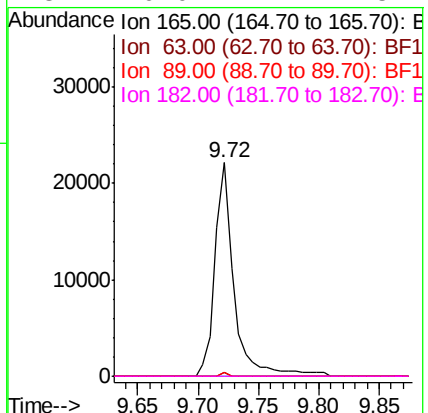
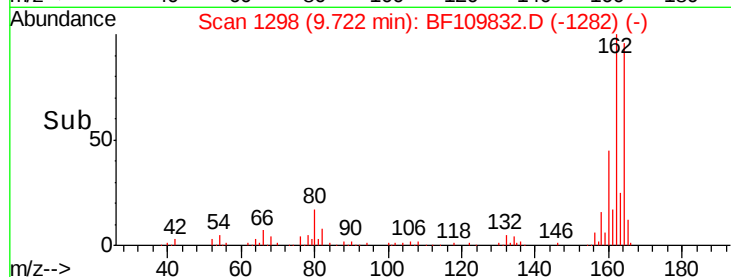
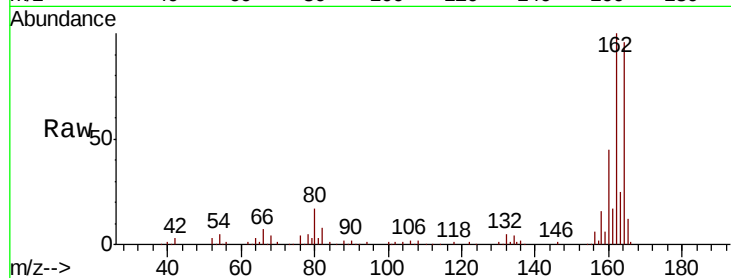




#56
 2,4-Dinitrotoluene
 Concen: 6.232 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

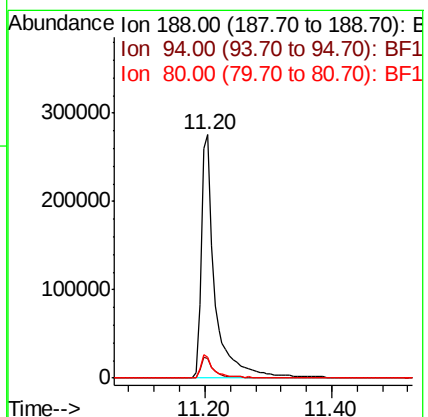
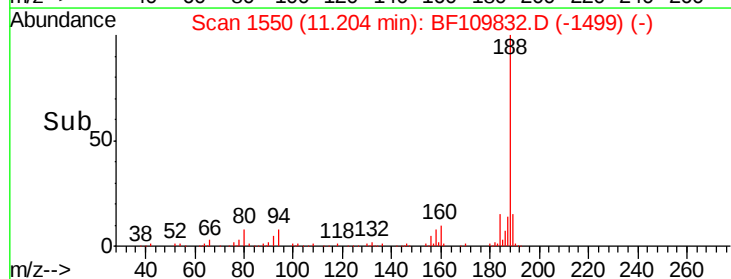
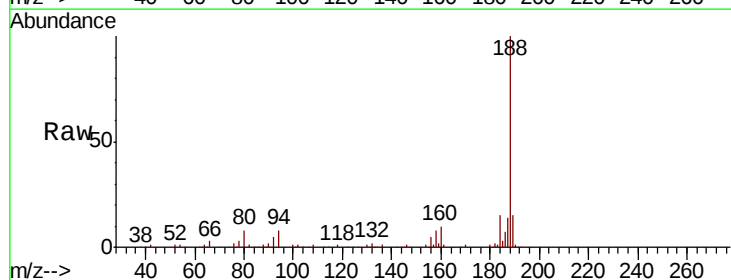
Instrument :
 BNA_F
 ClientSampleId :

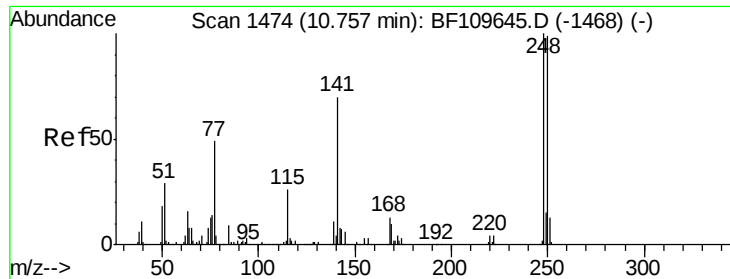
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. 0.00 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.4	7.9	11.9

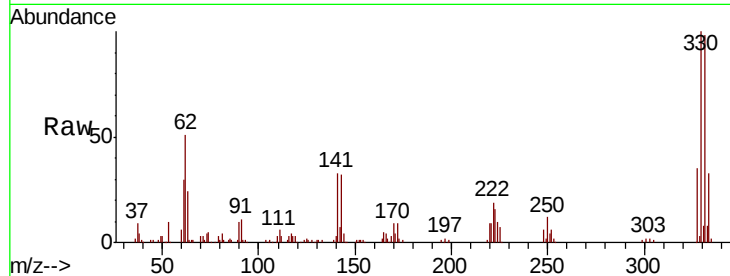




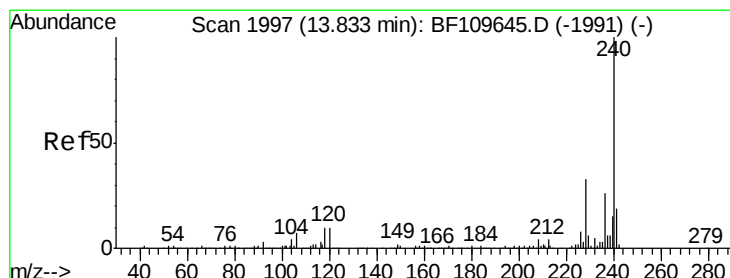
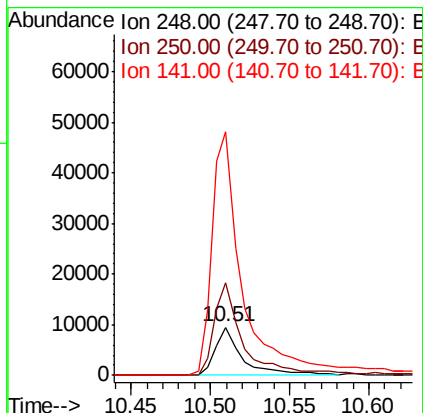
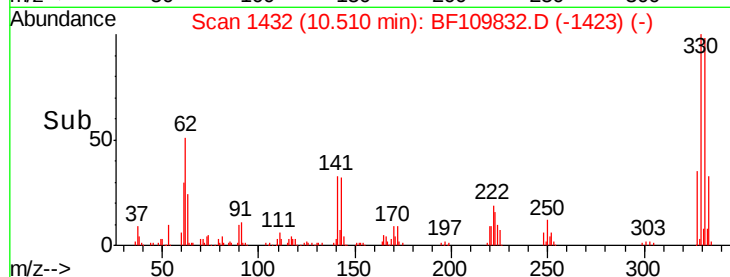
#66
 4-Bromophenyl-phenylether
 Concen: 2.407 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 11317
 Ion Ratio Lower Upper
 248 100
 250 192.2 79.4 119.2#
 141 508.5 55.9 83.9#

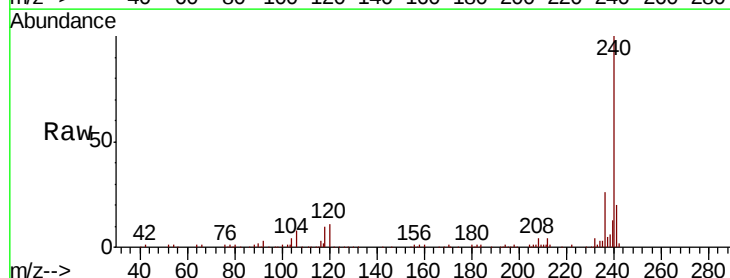


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

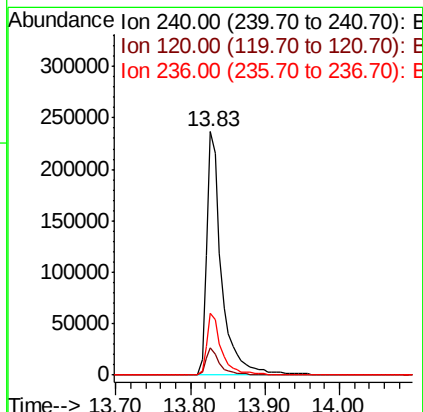
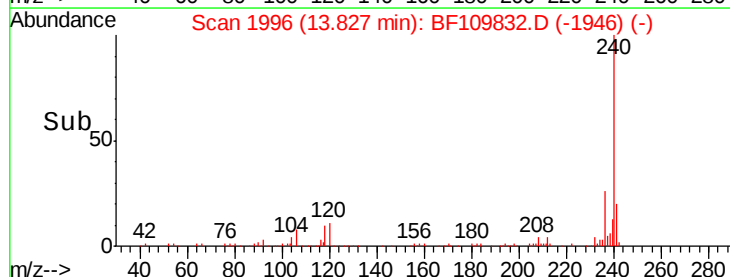


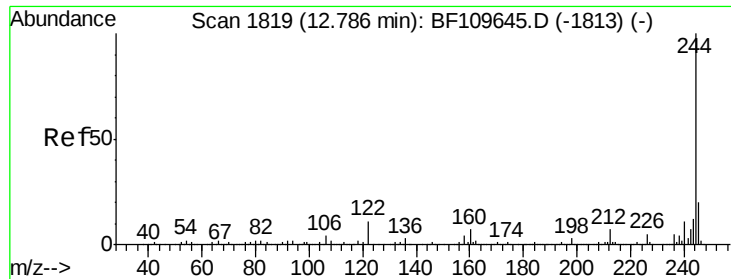
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109832.D
 Acq: 12 Oct 2018 14:32

Tgt Ion:240 Resp: 328695
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 25.5 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





#78

Terphenyl-d14

Concen: 54.095 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

Instrument :

BNA_F

ClientSampleId :

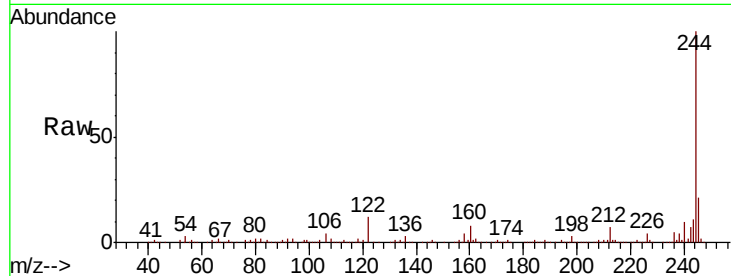
Tot Ion:244 Resp: 918512

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

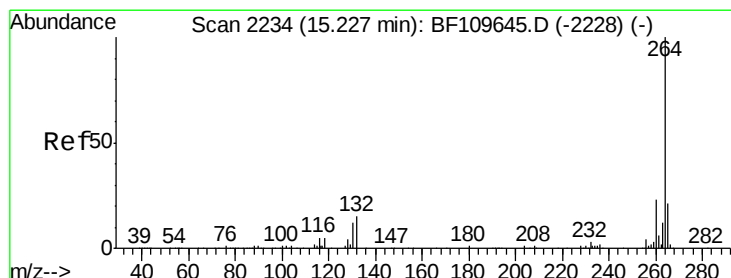
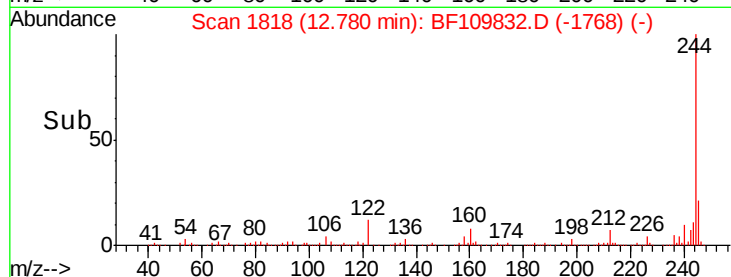
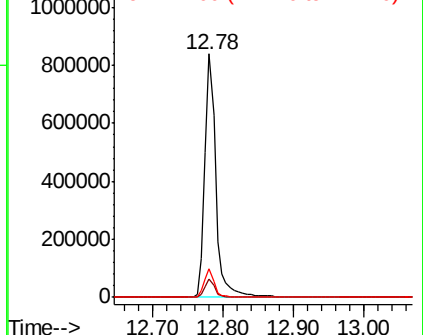
122 11.9 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2234

Delta R.T. 0.00 min

Lab File: BF109832.D

Acq: 12 Oct 2018 14:32

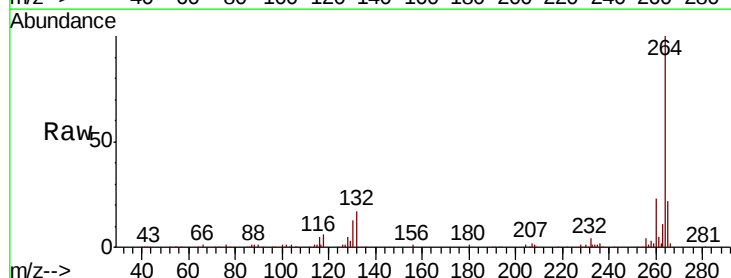
Tgt Ion:264 Resp: 268644

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.5 16.7 25.1



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

