

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109183.D
 Acq On : 20 Sep 2018 15:58
 Operator : JU/SJ
 Sample : J4975-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 16:28:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

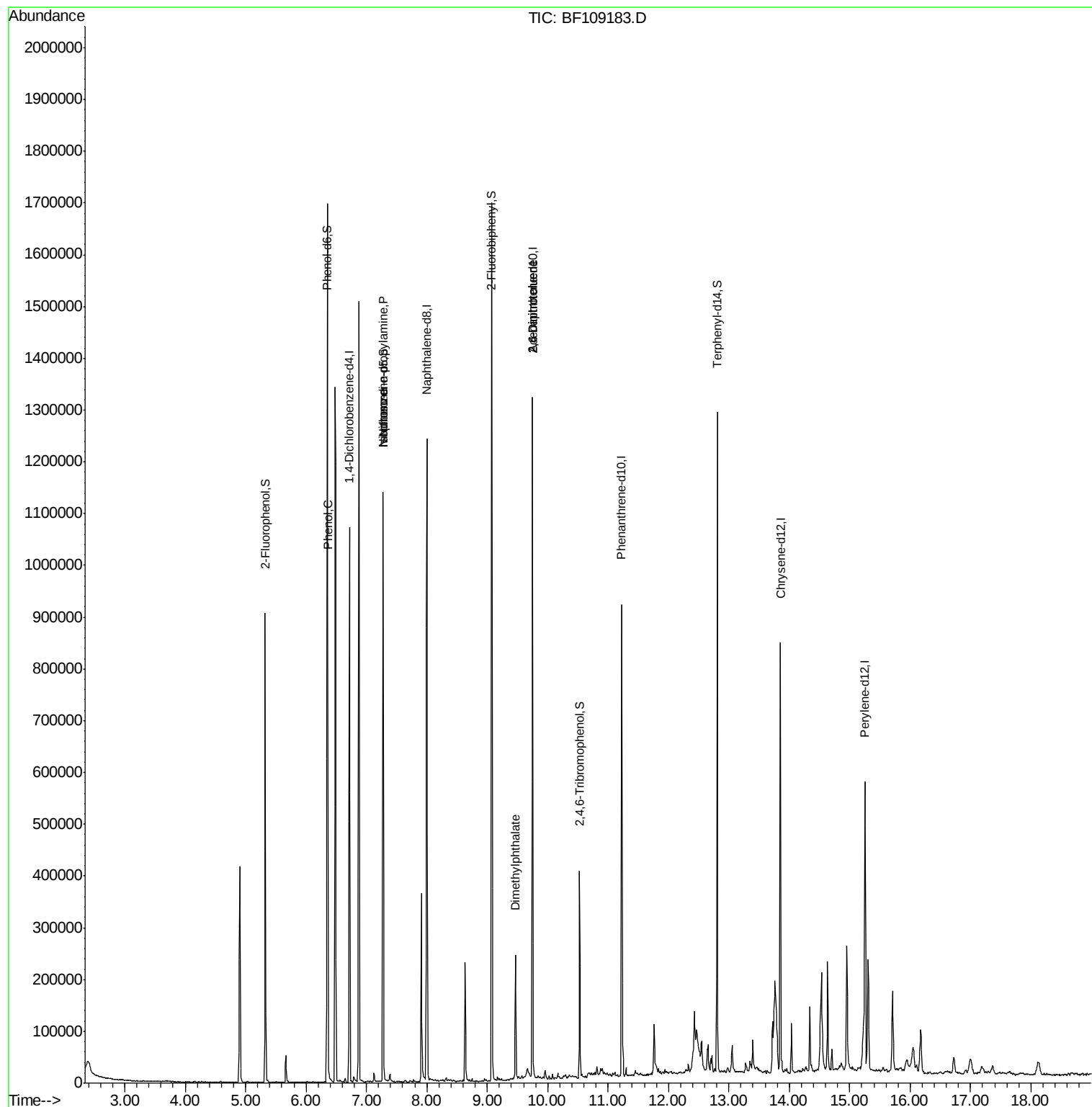
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	135946	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	517207	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	257704	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	332621	20.00	ng	0.00
75) Chrysene-d12	13.85	240	295309	20.00	ng	0.00
86) Perylene-d12	15.25	264	237186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	233128	28.48	ng	0.00
7) Phenol-d6	6.35	99	544900	51.63	ng	0.00
23) Nitrobenzene-d5	7.28	82	353465	38.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	43591	15.59	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	555042	33.74	ng	0.00
78) Terphenyl-d14	12.81	244	381362	30.61	ng	0.00
Target Compounds						
10) Phenol	6.37	94	131935	11.110	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	46075	6.604	ng	# 79
25) Isophorone	7.28	82	349901	22.074	ng	# 64
49) Dimethylphthalate	9.47	163	89831	4.877	ng	99
50) 2,6-Dinitrotoluene	9.75	165	33468	8.193	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	33468	6.265	ng	# 23

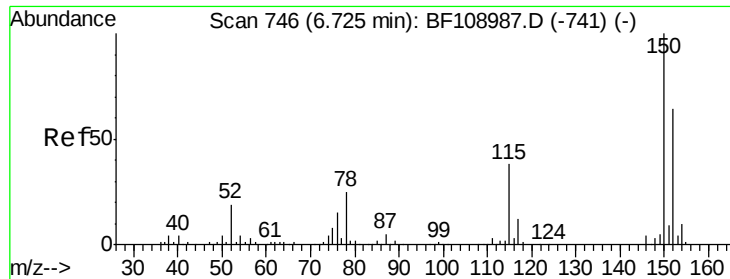
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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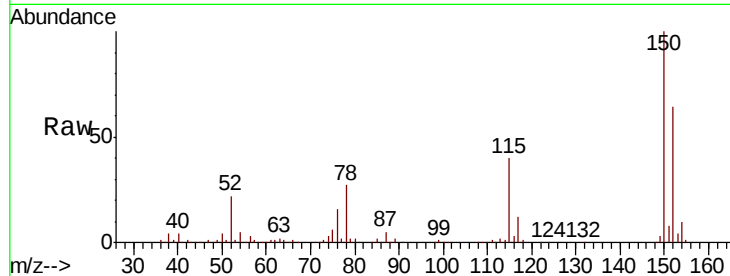


#1

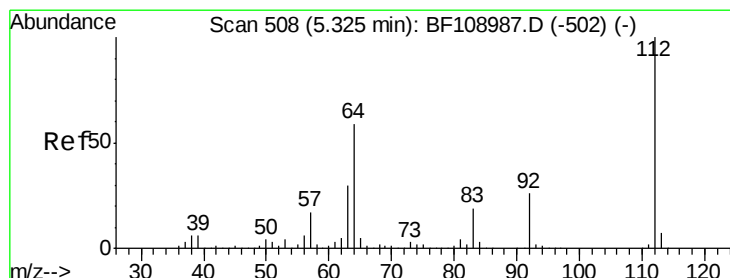
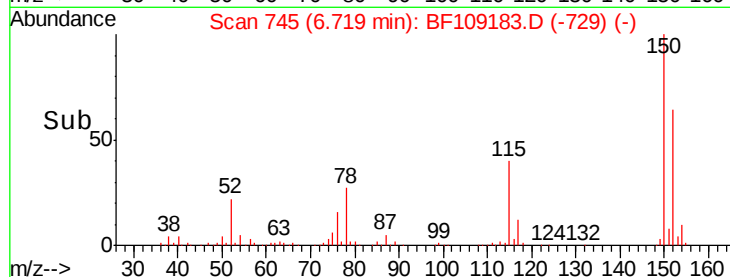
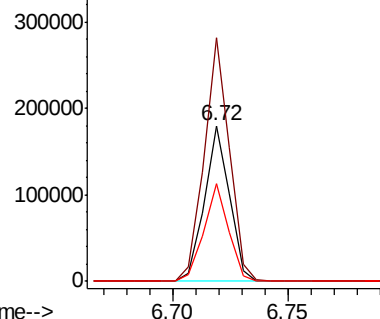
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135946
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 62.6 50.1 75.1



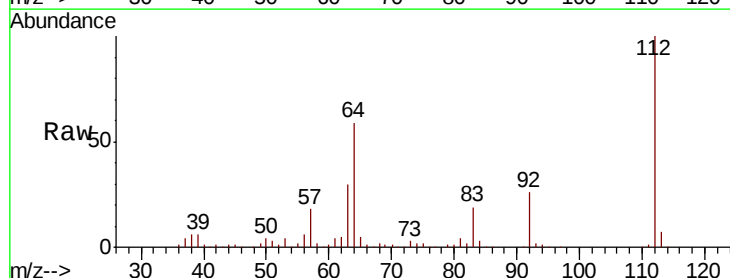
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



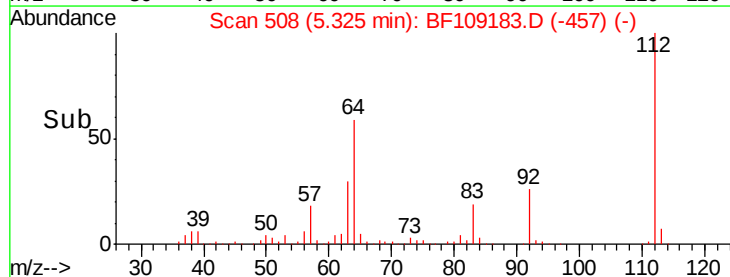
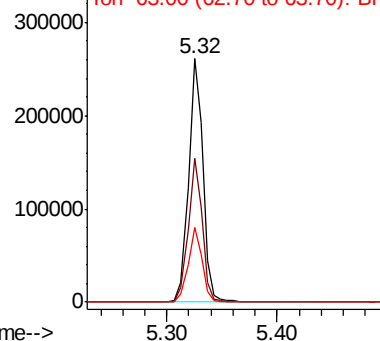
#5

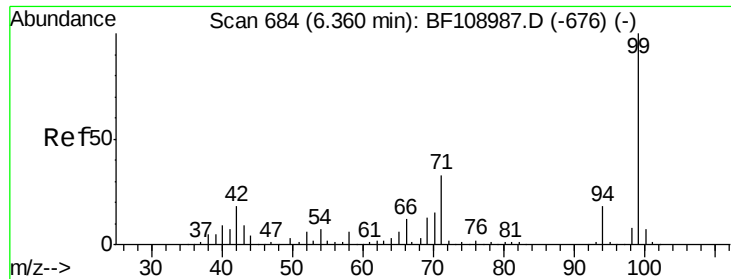
2-Fluorophenol
Concen: 28.482 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Tgt Ion:112 Resp: 233128
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 30.5 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: 51.628 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109183.D

Acq: 20 Sep 2018 15:58

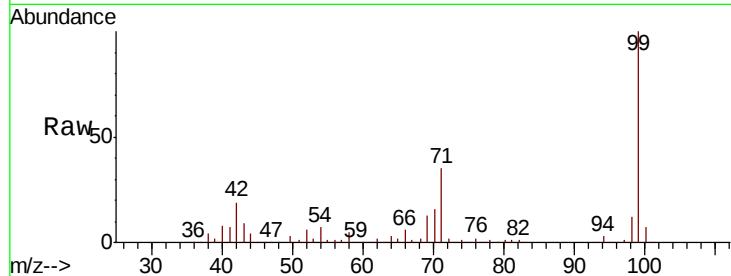
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 544900

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.5	21.7
71	35.4	25.4	38.0

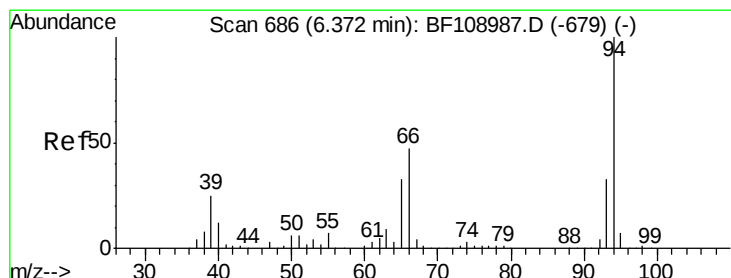
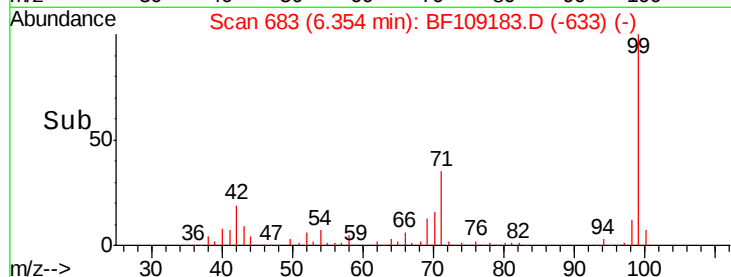
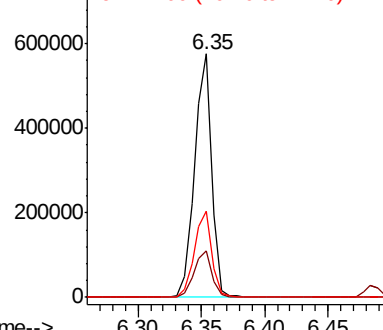


Abundance

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: 11.110 ng

RT: 6.37 min Scan# 685

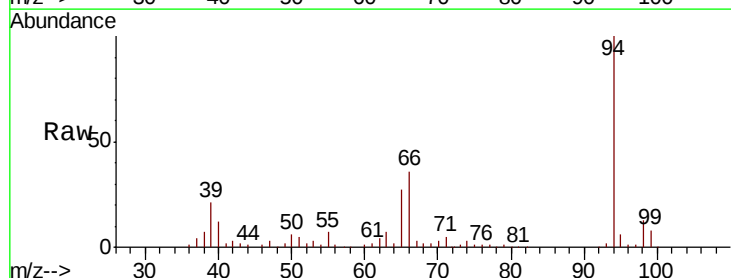
Delta R.T. -0.01 min

Lab File: BF109183.D

Acq: 20 Sep 2018 15:58

Tgt Ion: 94 Resp: 131935

Ion	Ratio	Lower	Upper
94	100		
65	27.0	7.9	47.9
66	36.0	16.2	56.2

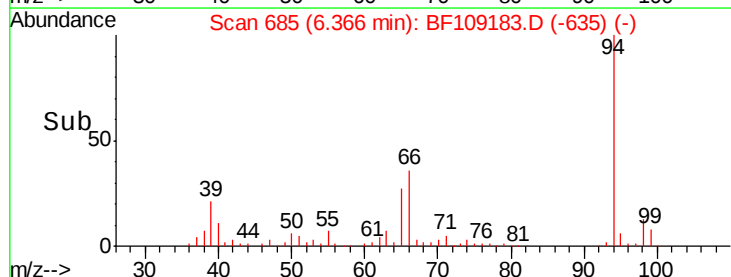
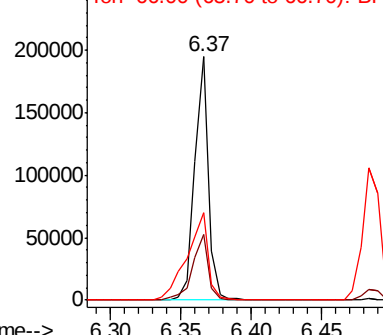


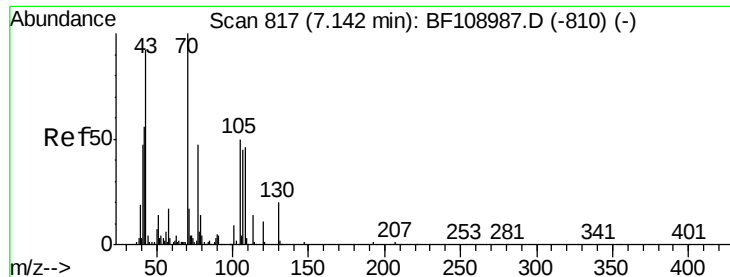
Abundance

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

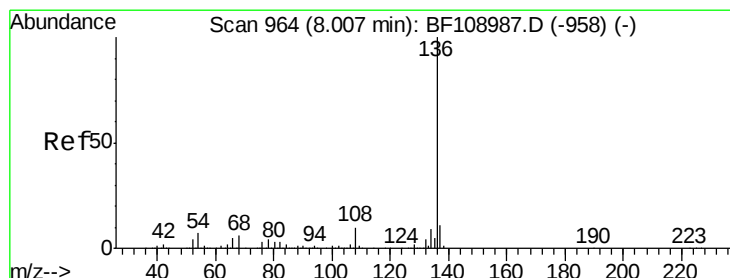
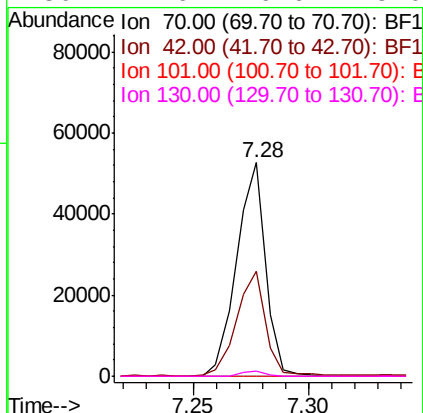
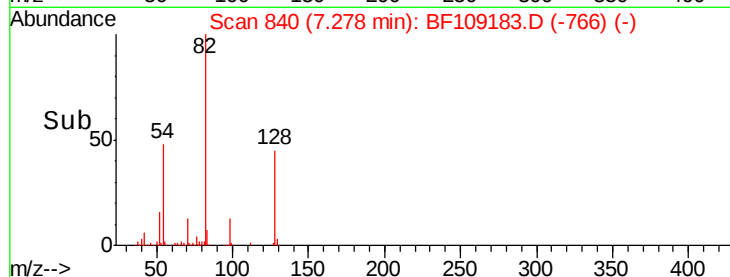
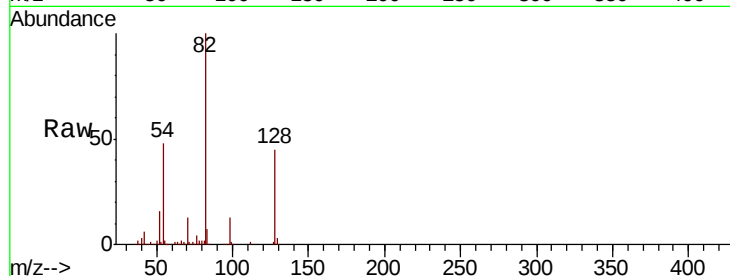




#19
n-Nitroso-di-n-propylamine
Concen: 6.604 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

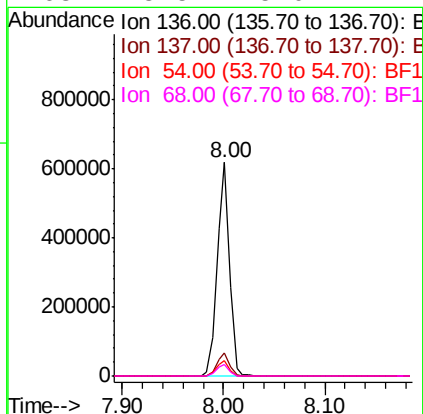
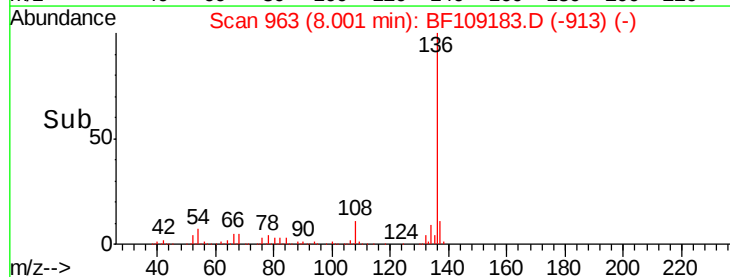
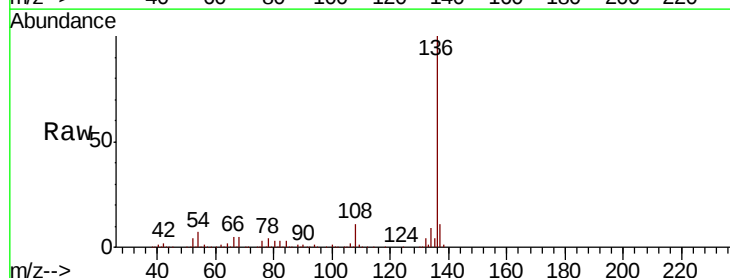
Instrument :
BNA_F
ClientSampleId :

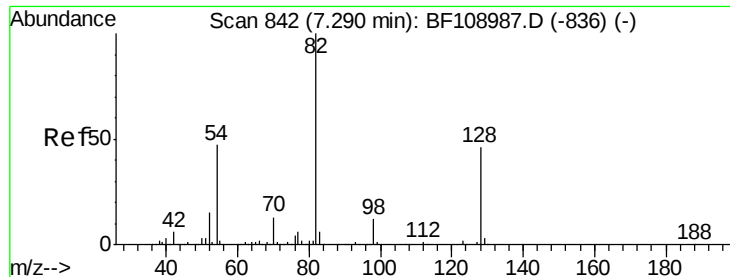
Tot Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.5	71.3
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	5.5	5.0	7.4

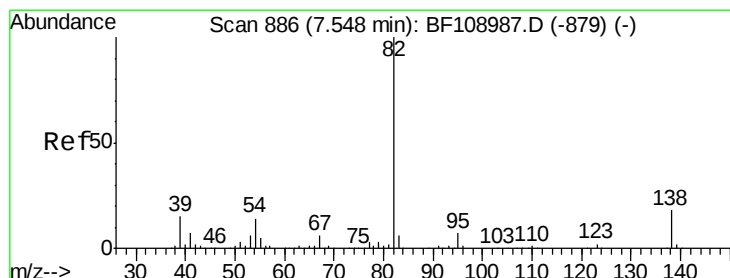
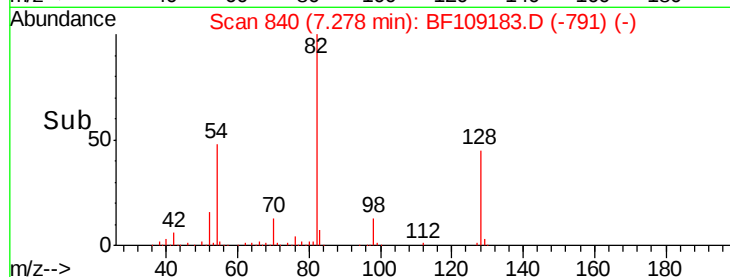
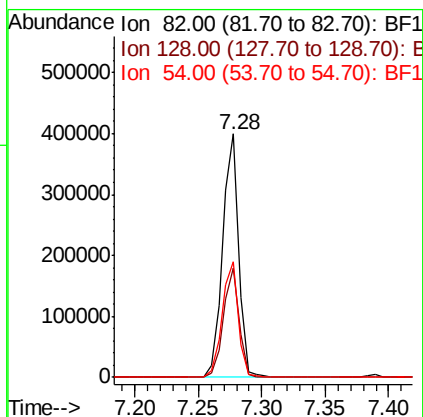
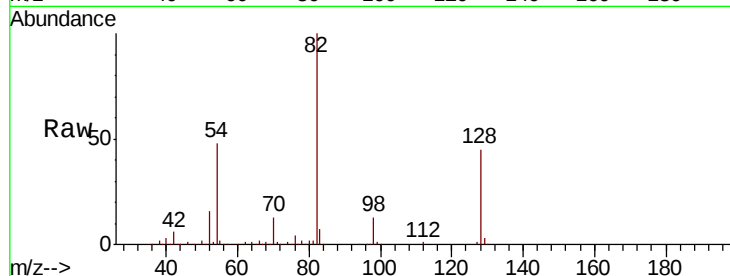




#23
 Nitrobenzene-d5
 Concen: 38.331 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

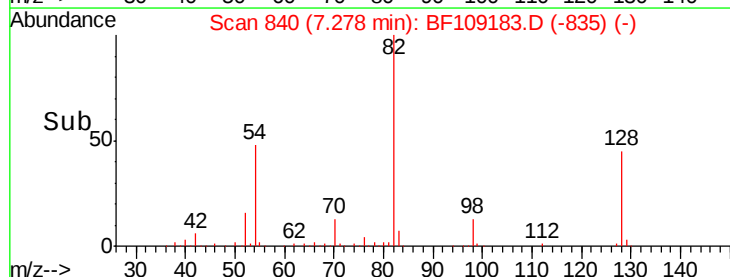
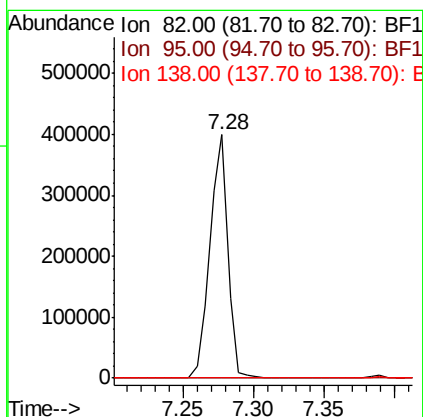
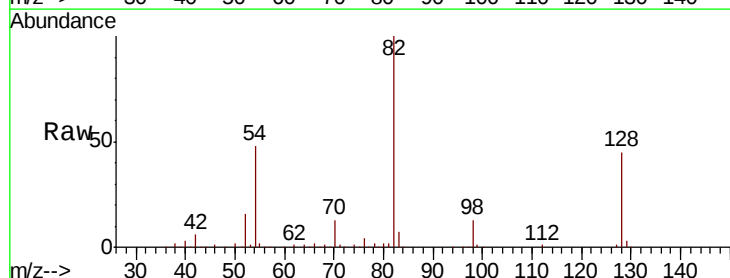
Instrument :
 BNA_F
 ClientSampled :

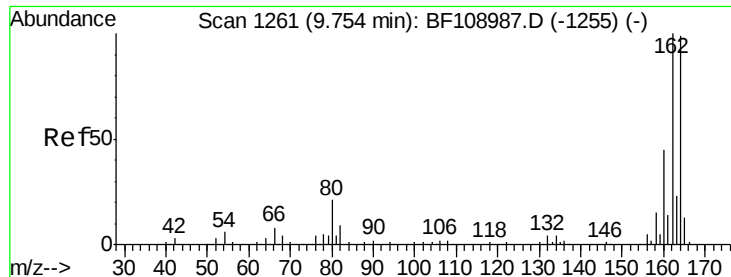
Tot Ion	82	Resp	353465
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	47.5	41.4	62.2



#25
 Isophorone
 Concen: 22.074 ng
 RT: 7.28 min Scan# 840
 Delta R.T. -0.27 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Tgt Ion	82	Resp	349901
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

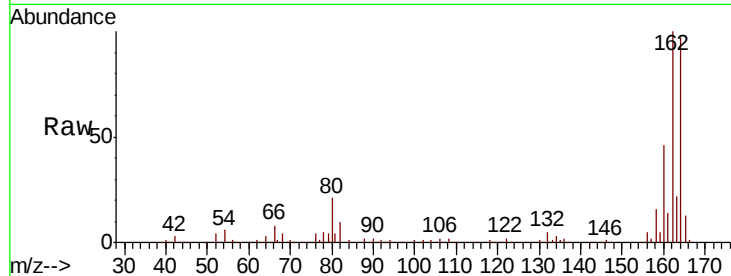




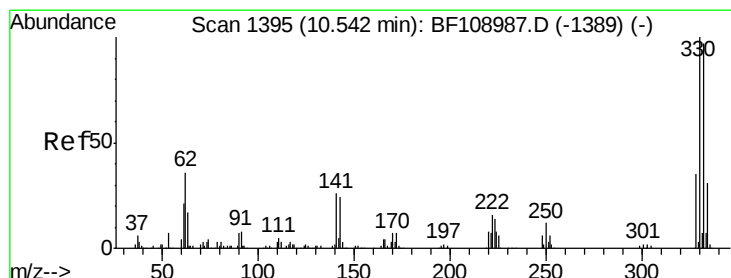
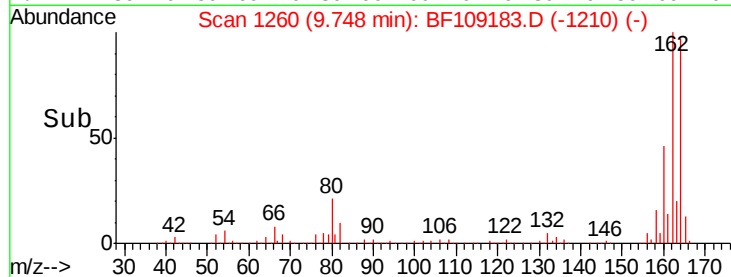
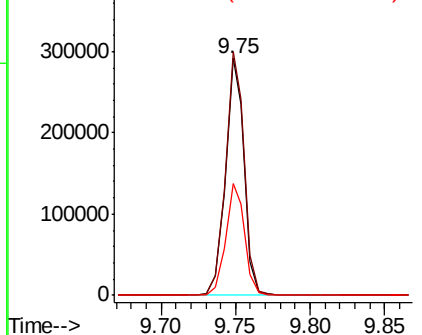
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 257704
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 47.0 38.3 57.5

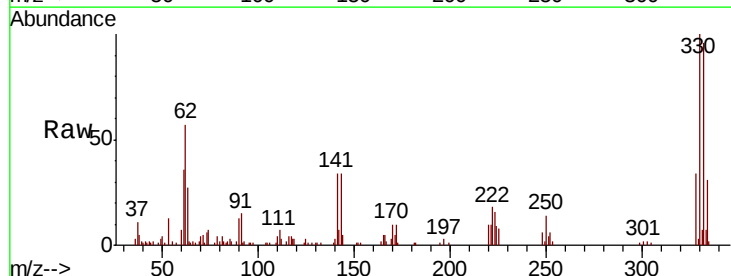


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

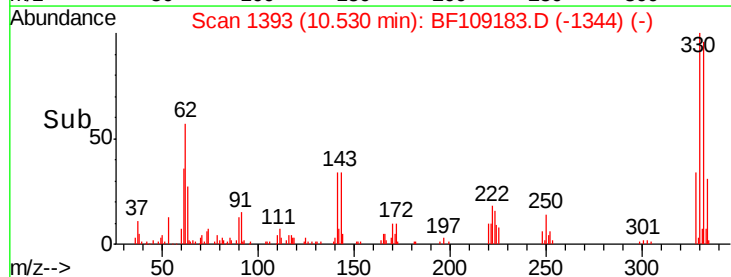
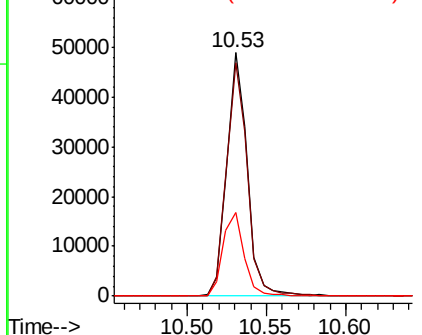


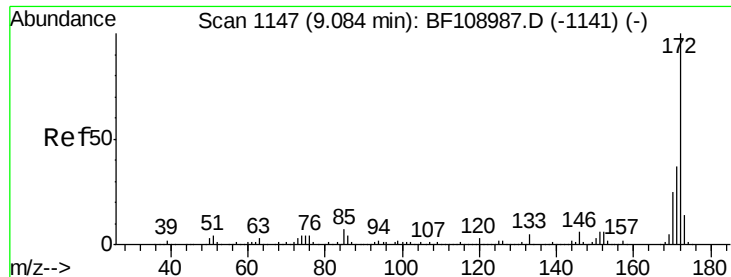
#41
 2,4,6-Tribromophenol
 Concen: 15.586 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Tgt Ion:330 Resp: 43591
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 35.7 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

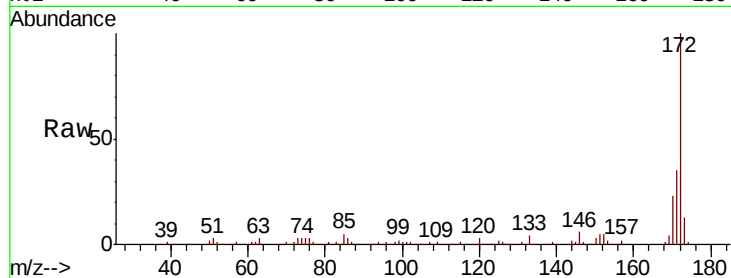




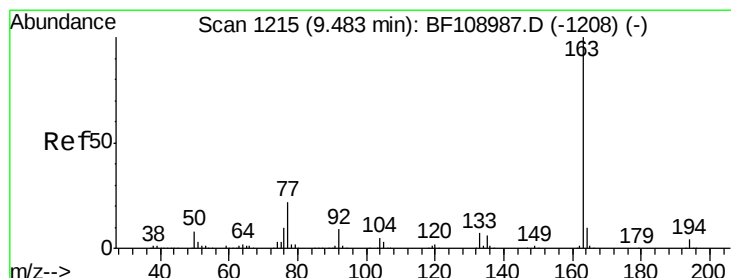
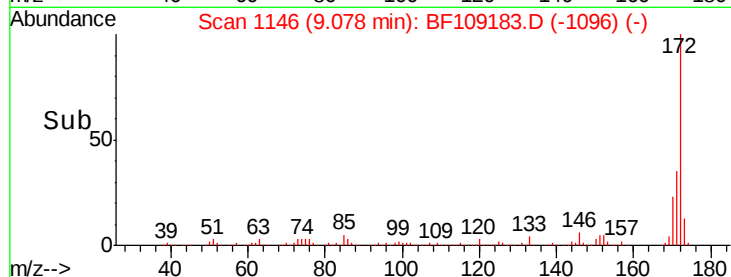
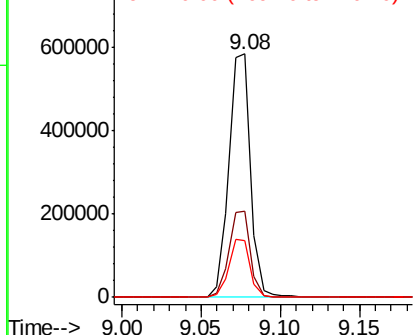
#44
2-Fluorobiphenyl
Concen: 33.744 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 555042
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.3 19.6 29.4

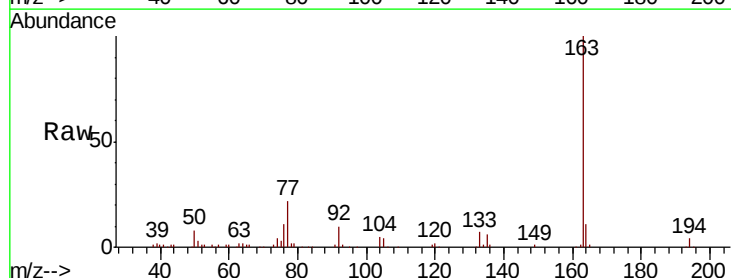


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

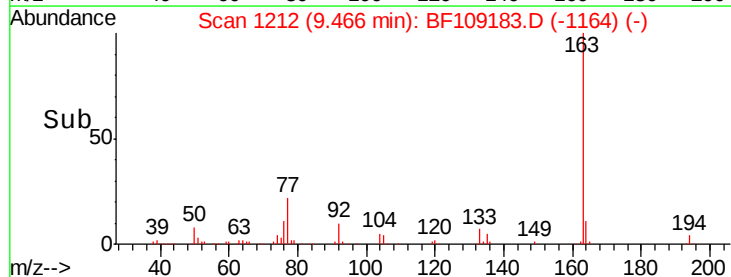
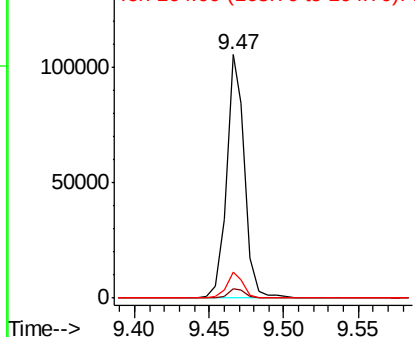


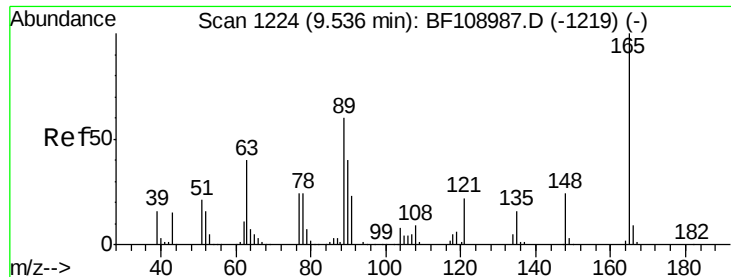
#49
Dimethylphthalate
Concen: 4.877 ng
RT: 9.47 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Tgt Ion:163 Resp: 89831
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.8 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

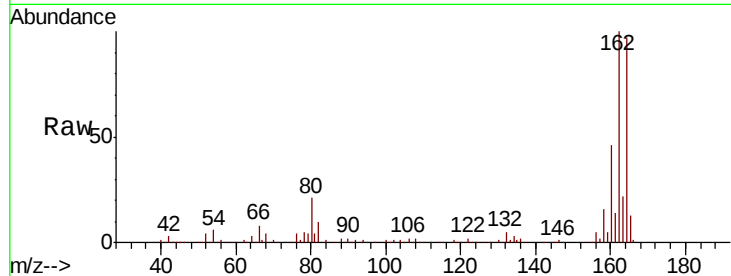




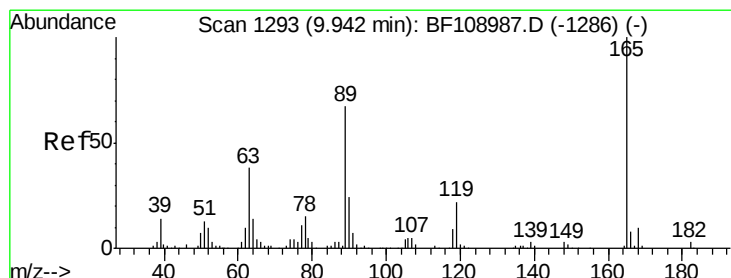
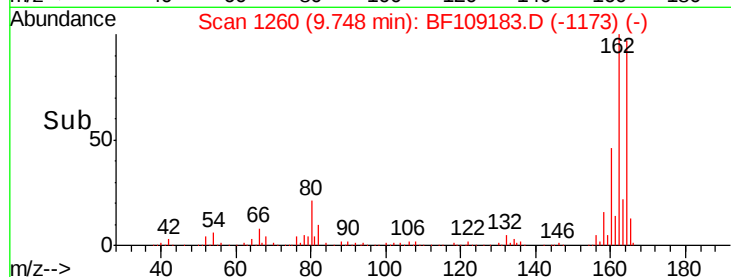
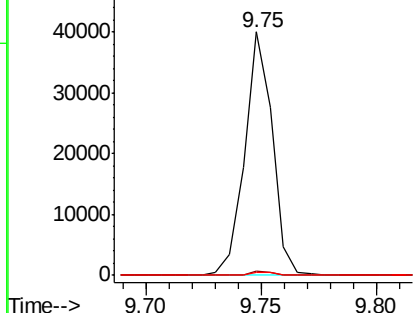
#50
 2,6-Dinitrotoluene
 Concen: 8.193 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	1.2	44.0	66.0#

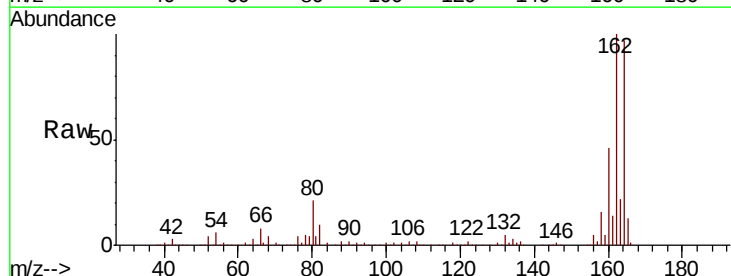


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

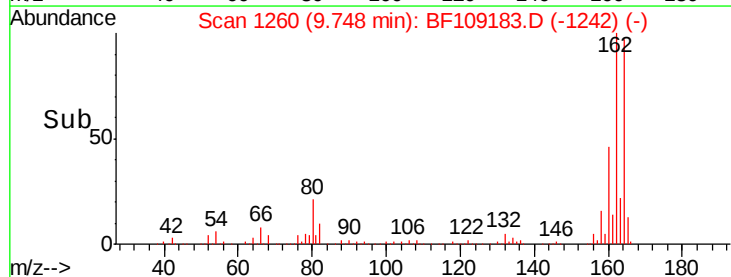
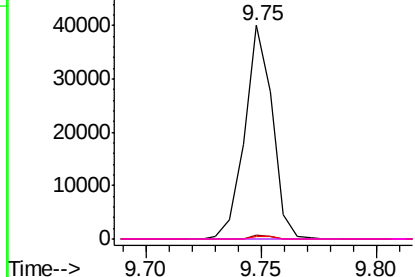


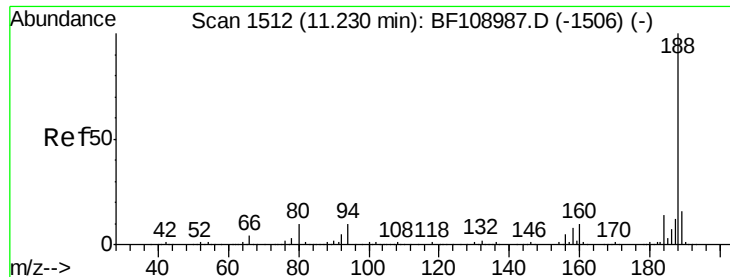
#56
 2,4-Dinitrotoluene
 Concen: 6.265 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.2	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

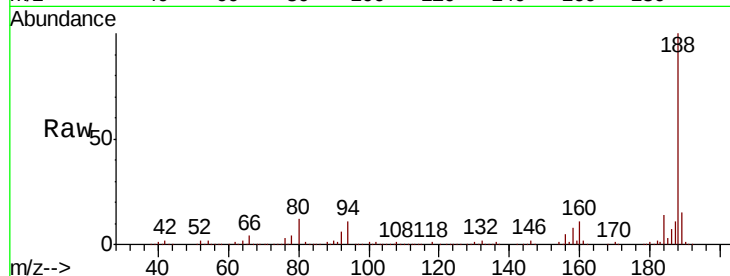




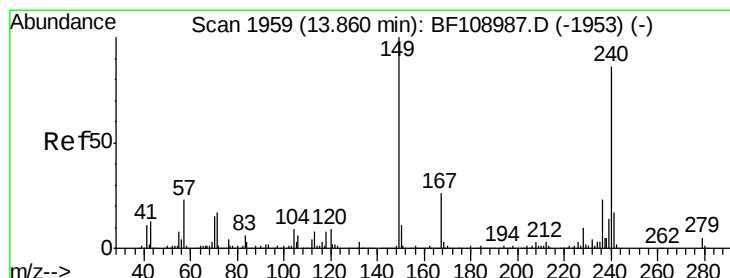
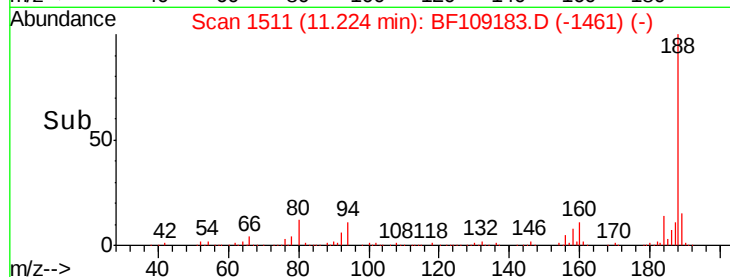
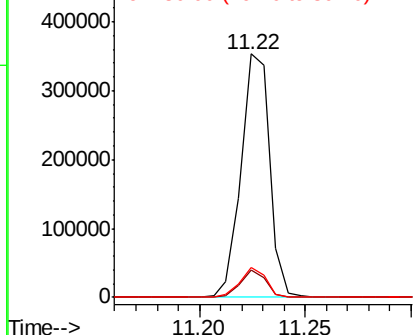
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 332621
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.0 9.2 13.8

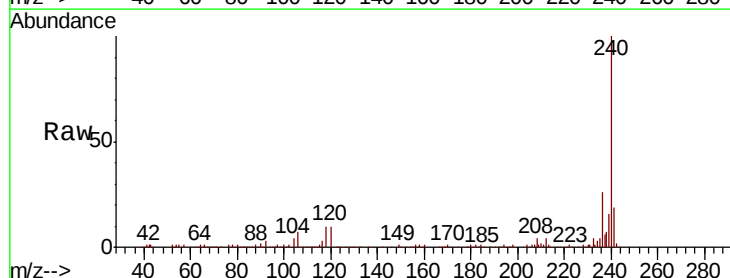


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

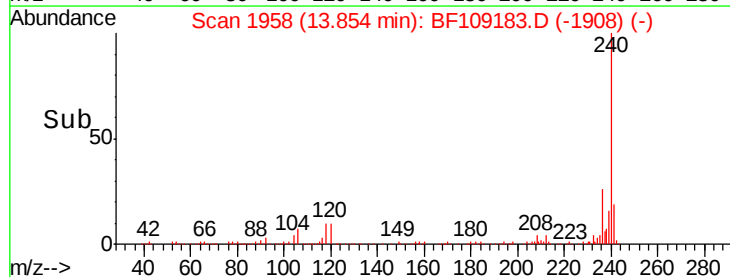
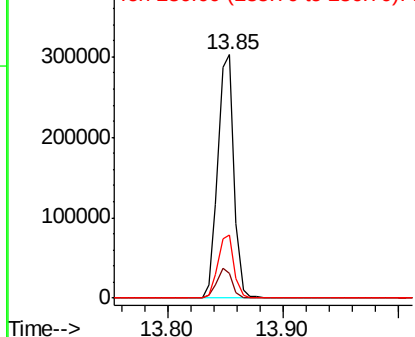


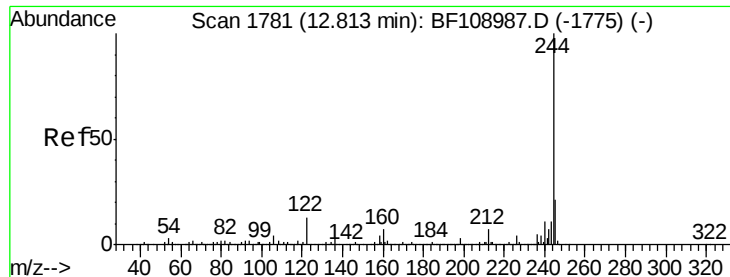
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BF109183.D
Acq: 20 Sep 2018 15:58

Tgt Ion:240 Resp: 295309
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 25.7 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

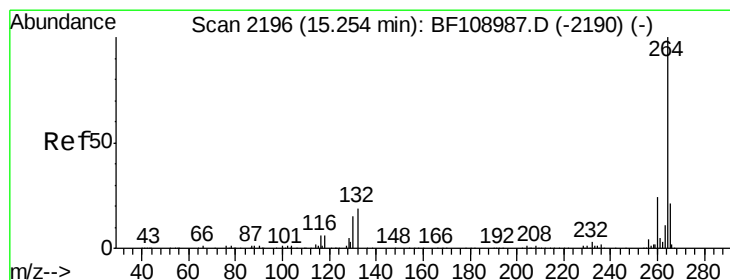
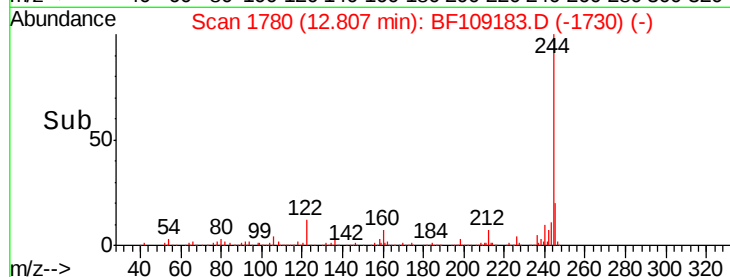
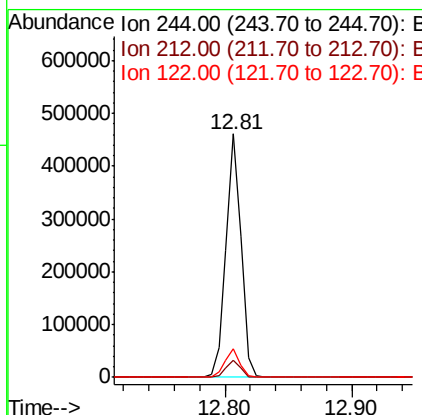
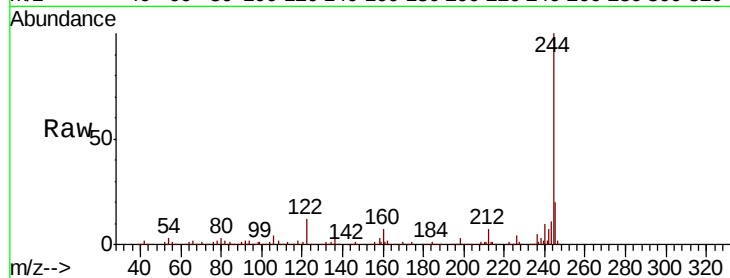




#78
 Terphenyl-d14
 Concen: 30.610 ng
 RT: 12.81 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 381362
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 11.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BF109183.D
 Acq: 20 Sep 2018 15:58

Tgt Ion:264 Resp: 237186
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.5 26.3

