

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113694.D
 Acq On : 10 Apr 2019 10:59
 Operator : JU/SJ
 Sample : PB118723TB
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 11:39:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

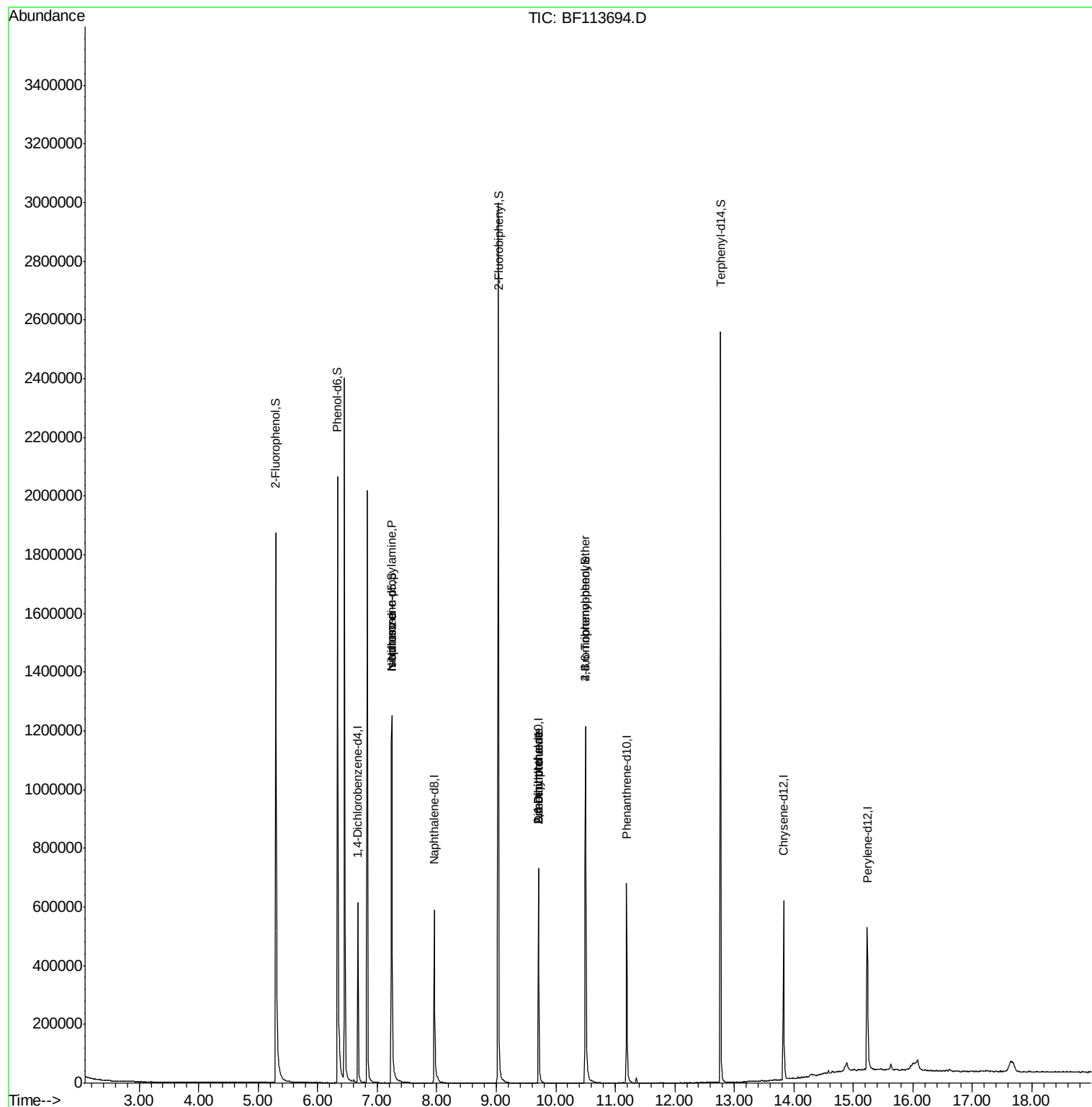
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	101391	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	374536	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	170912	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	317171	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	273810	20.00	ng	-0.02
87) Perylene-d12	15.23	264	273139	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	659446	110.91	ng	0.00
7) Phenol-d6	6.33	99	856803	116.92	ng	0.00
23) Nitrobenzene-d5	7.25	82	506922	79.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	203876	99.30	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	987934	93.06	ng	-0.02
79) Terphenyl-d14	12.77	244	916821	68.17	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	62837	13.905	ng	# 75
25) Isophorone	7.25	82	507089	41.169	ng	# 64
50) Dimethylphthalate	9.71	163	39580	3.142	ng	# 1
51) 2,6-Dinitrotoluene	9.71	165	21227	7.644	ng	# 25
57) 2,4-Dinitrotoluene	9.71	165	21227	6.320	ng	# 22
67) 4-Bromophenyl-phenylether	10.50	248	11329	3.185	ng	# 1

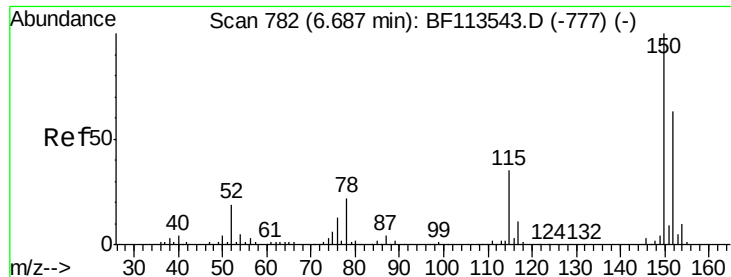
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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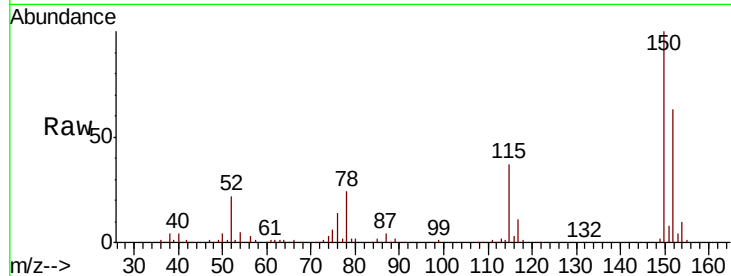


#1

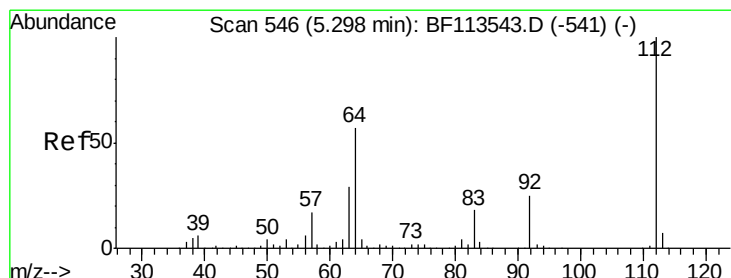
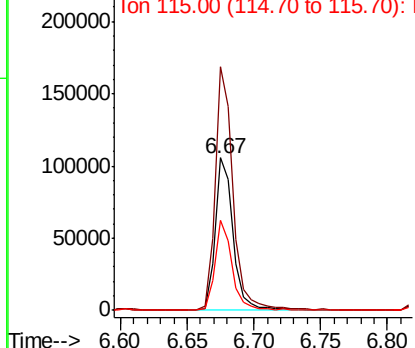
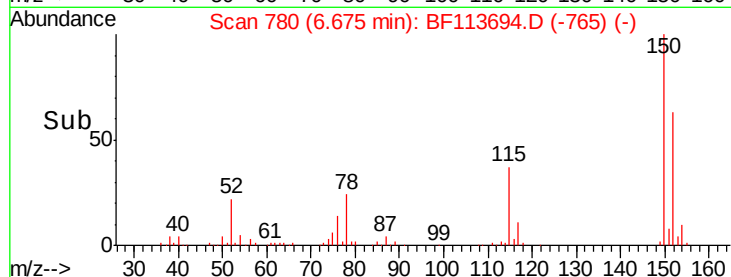
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113694.D
Acq: 10 Apr 2019 10:59

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	59.2	46.0	69.0



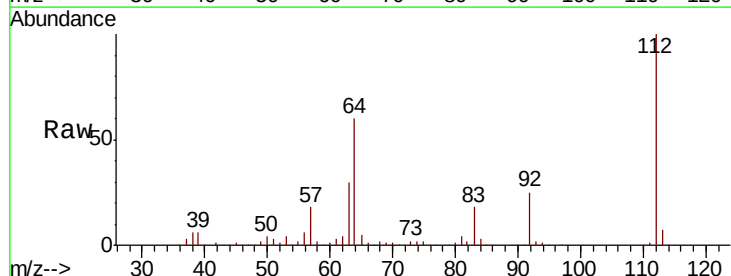
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



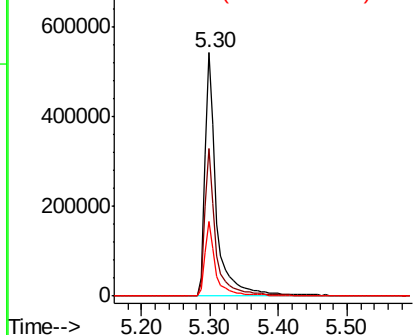
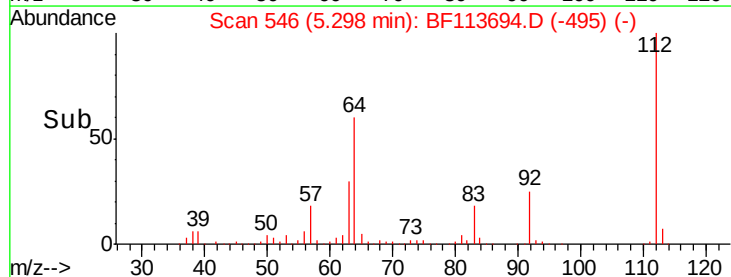
#5

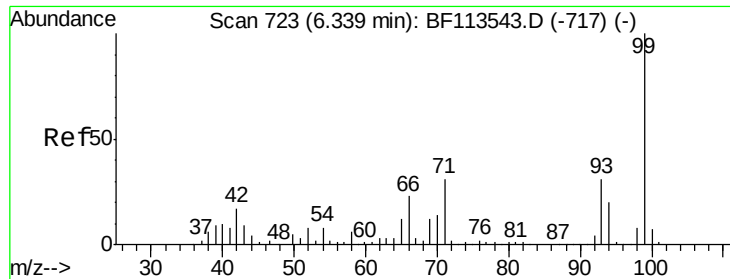
2-Fluorophenol
Concen: 110.908 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113694.D
Acq: 10 Apr 2019 10:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	49.2	73.8
63	30.4	24.9	37.3



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: 116.916 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113694.D

Acq: 10 Apr 2019 10:59

Instrument :

BNA_F

ClientSampled :

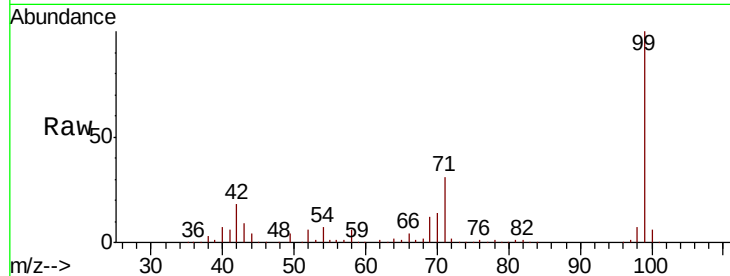
Tot Ion: 99 Resp: 856803

Ion Ratio Lower Upper

99 100

42 18.2 14.8 22.2

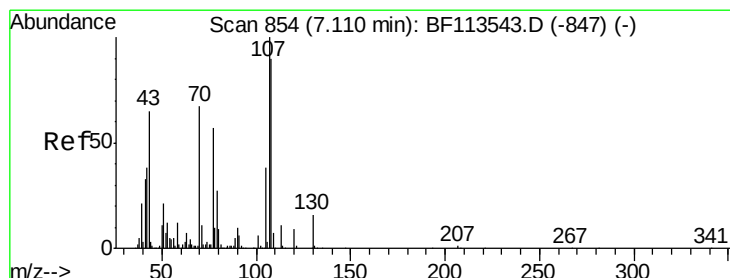
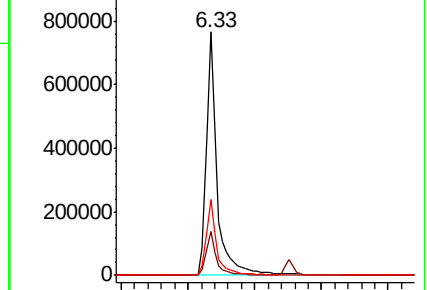
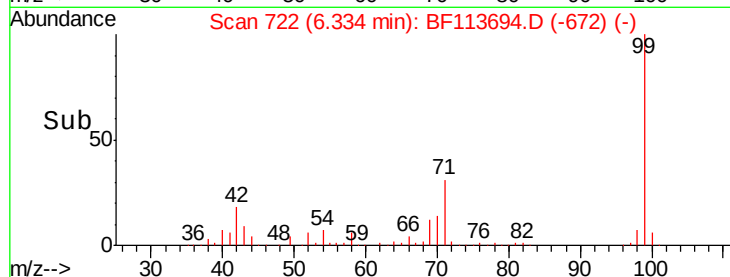
71 31.3 24.9 37.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.905 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113694.D

Acq: 10 Apr 2019 10:59

Tgt Ion: 70 Resp: 62837

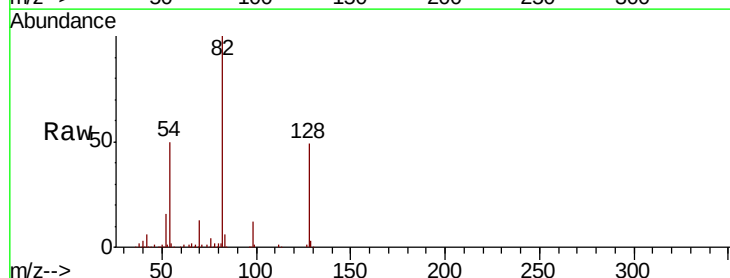
Ion Ratio Lower Upper

70 100

42 46.9 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 18.2 27.4#

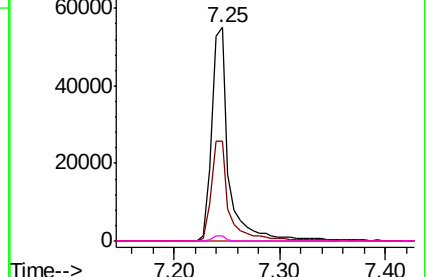
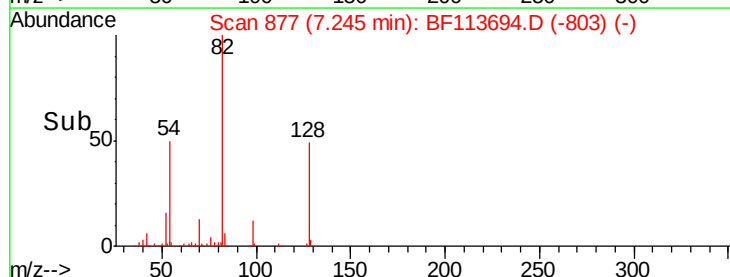


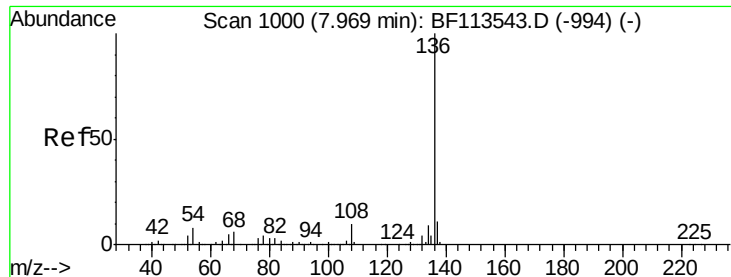
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

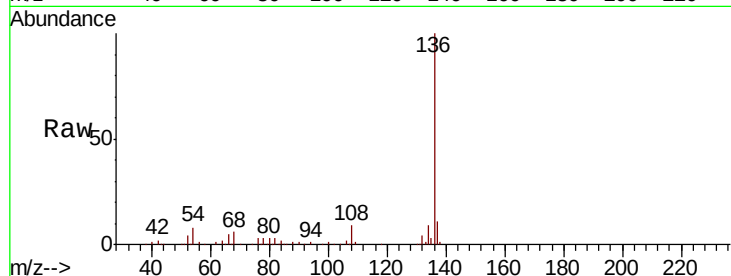




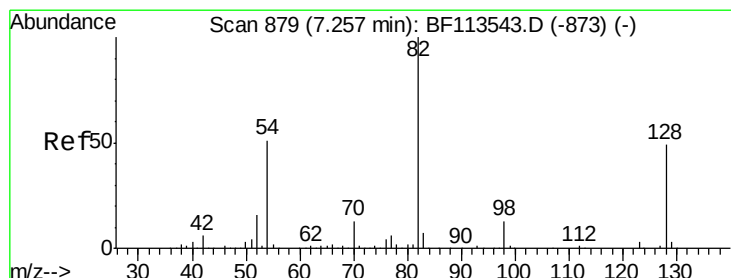
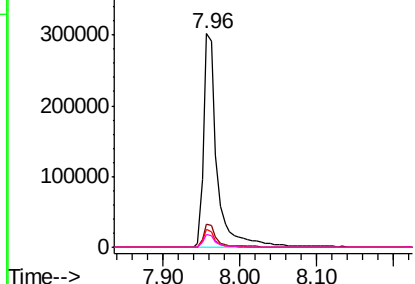
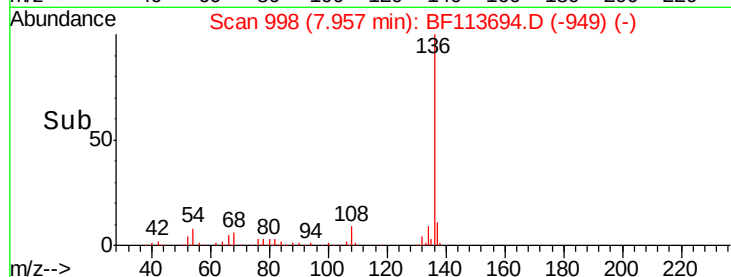
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF113694.D
Acq: 10 Apr 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	374536
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.1	7.0 10.6
68	6.3	4.8 7.2

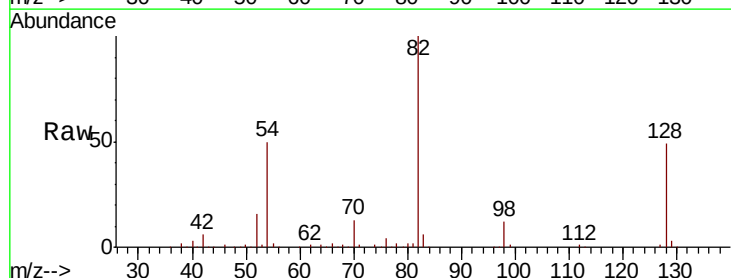


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

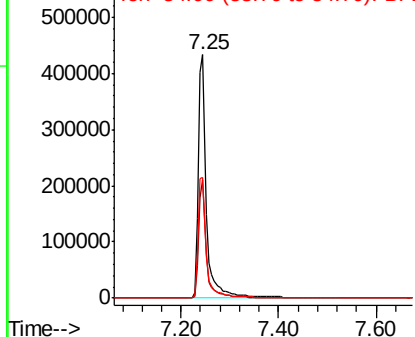
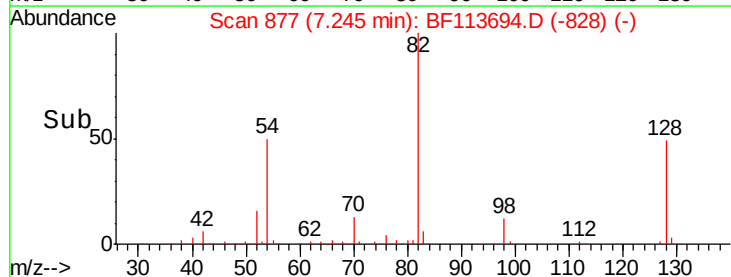


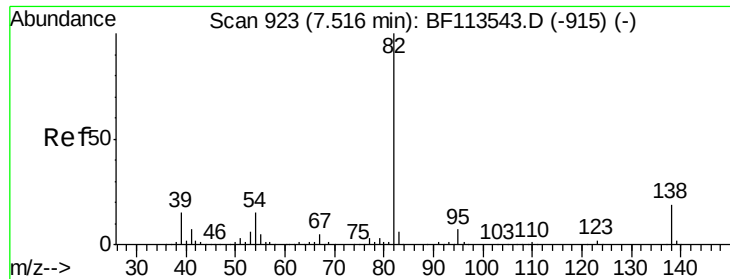
#23
Nitrobenzene-d5
Concen: 79.280 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113694.D
Acq: 10 Apr 2019 10:59

Tgt Ion: 82	Resp:	506922
Ion Ratio	Lower	Upper
82	100	
128	48.7	36.5 54.7
54	49.8	42.2 63.2



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: 41.169 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113694.D

Acq: 10 Apr 2019 10:59

Instrument :

BNA_F

ClientSampleId :

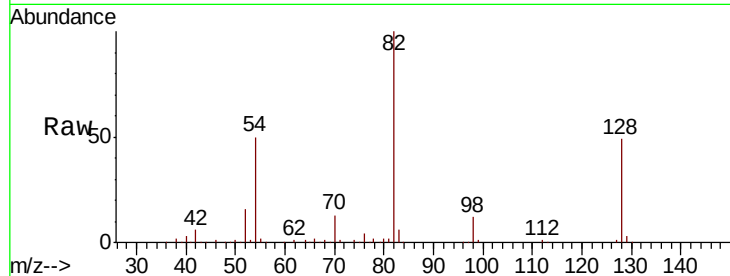
Tot Ion: 82 Resp: 507089

Ion Ratio Lower Upper

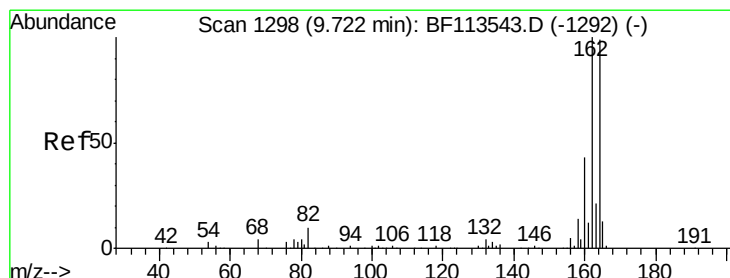
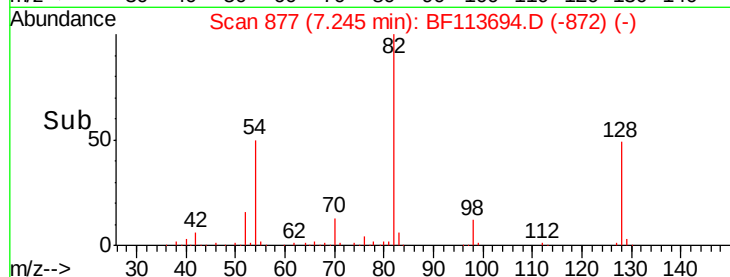
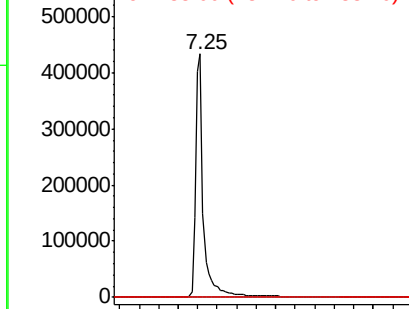
82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113694.D

Acq: 10 Apr 2019 10:59

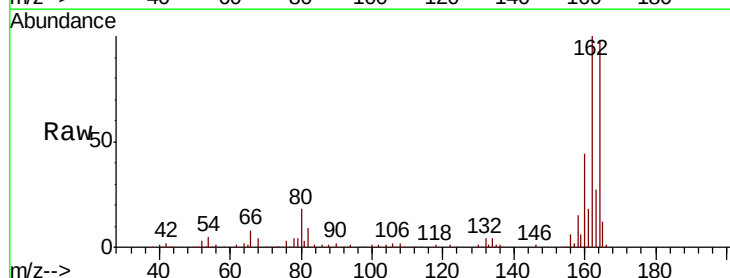
Tgt Ion:164 Resp: 170912

Ion Ratio Lower Upper

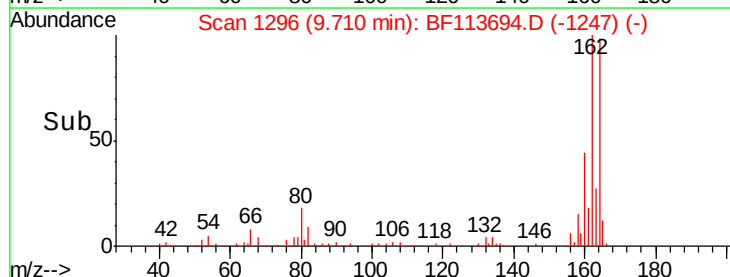
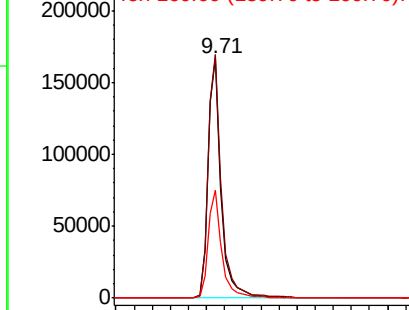
164 100

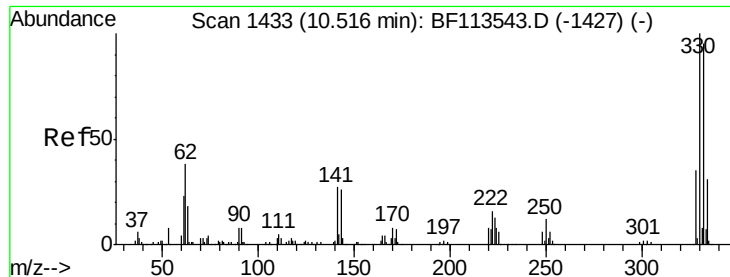
162 101.6 81.8 122.6

160 45.0 36.4 54.6



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

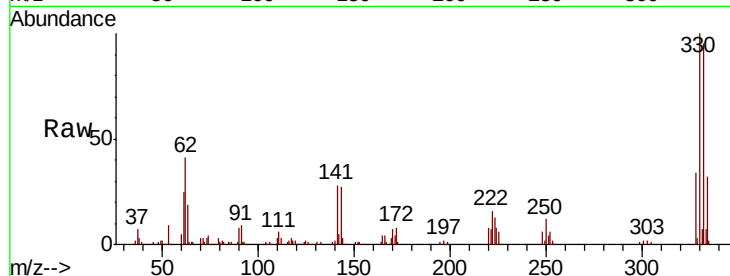




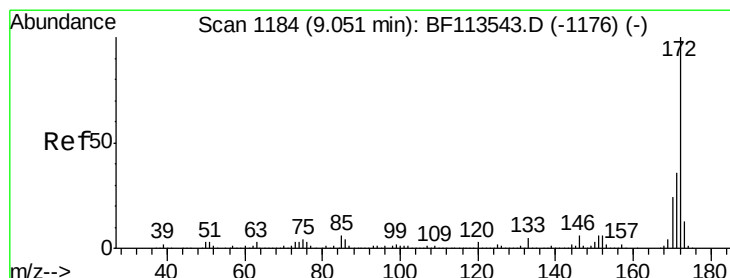
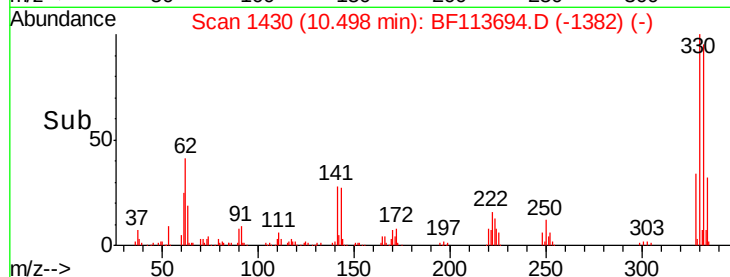
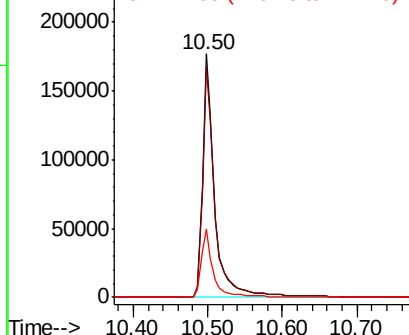
#42
 2,4,6-Tribromophenol
 Concen: 99.303 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF113694.D
 Acq: 10 Apr 2019 10:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	27.7	22.7	34.1

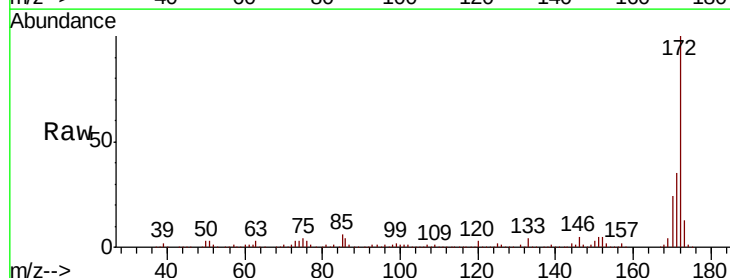


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

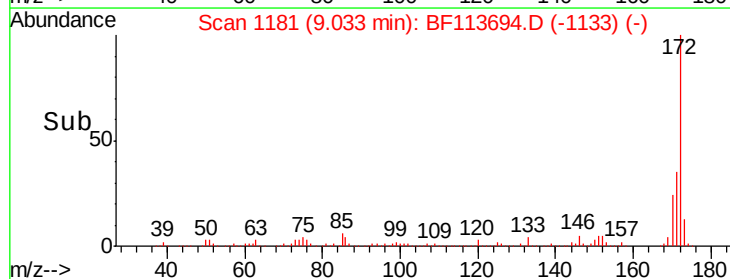
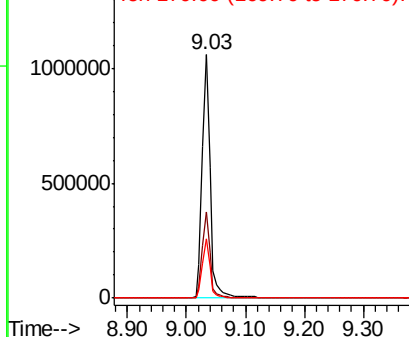


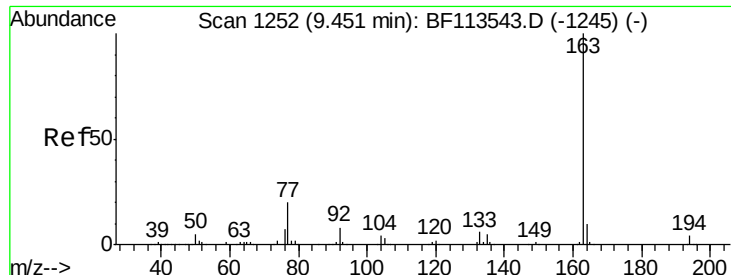
#45
 2-Fluorobiphenyl
 Concen: 93.058 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113694.D
 Acq: 10 Apr 2019 10:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.0	43.6
170	24.1	19.5	29.3



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





#50

Dimethylphthalate

Concen: 3.142 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.26 min

Lab File: BF113694.D

Acq: 10 Apr 2019 10:59

Instrument :

BNA_F

ClientSampleId :

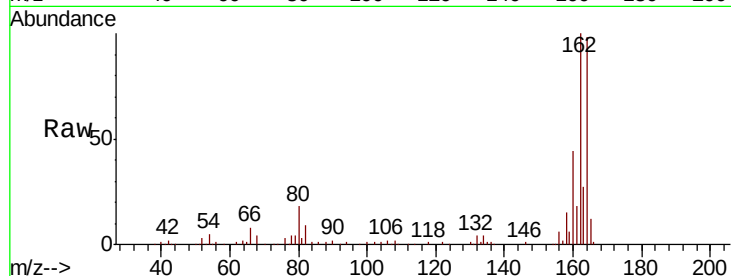
Tot Ion:163 Resp: 39580

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

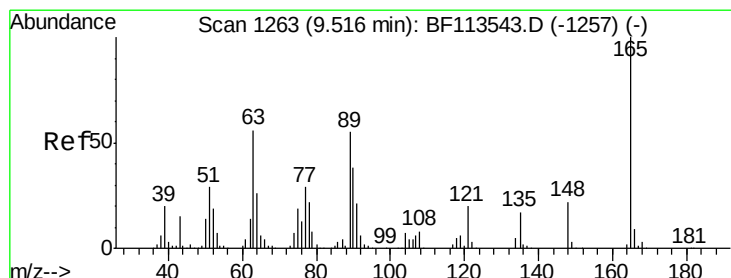
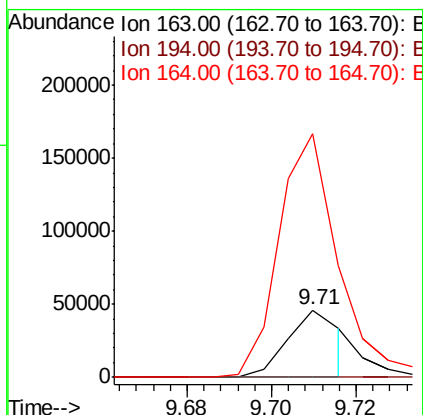
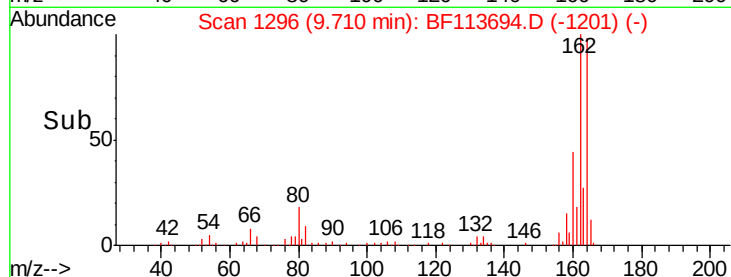
164 363.0 8.1 12.1#



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



#51

2,6-Dinitrotoluene

Concen: 7.644 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.19 min

Lab File: BF113694.D

Acq: 10 Apr 2019 10:59

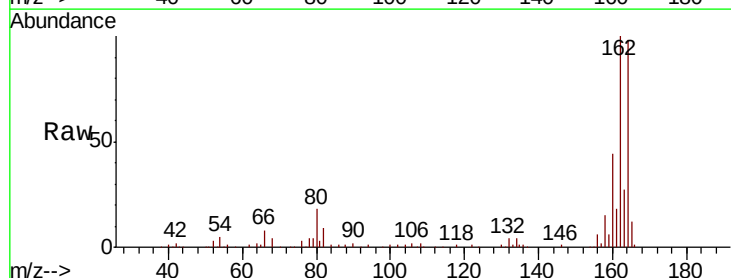
Tgt Ion:165 Resp: 21227

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.0#

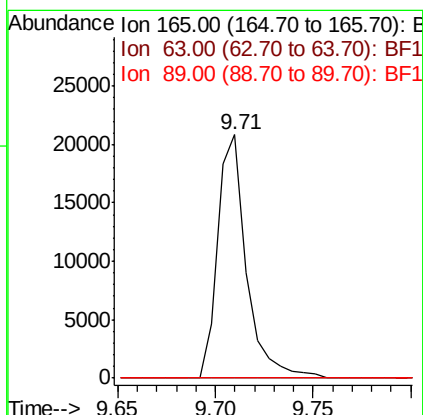
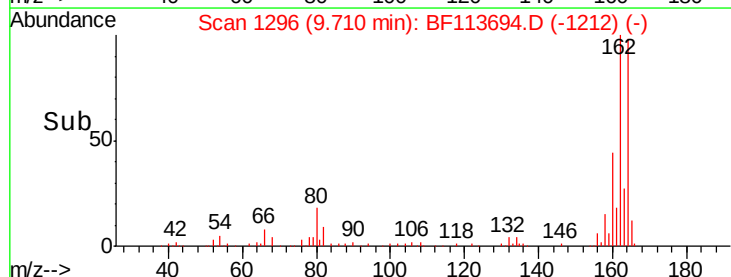
89 0.0 43.1 64.7#

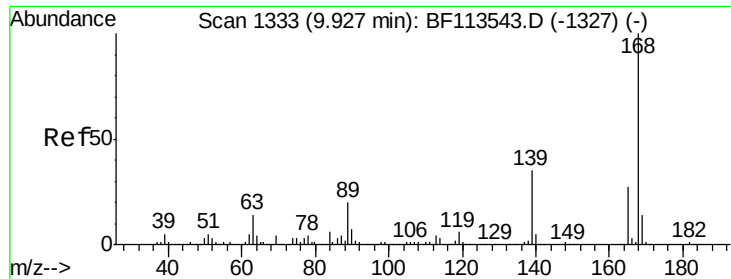


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

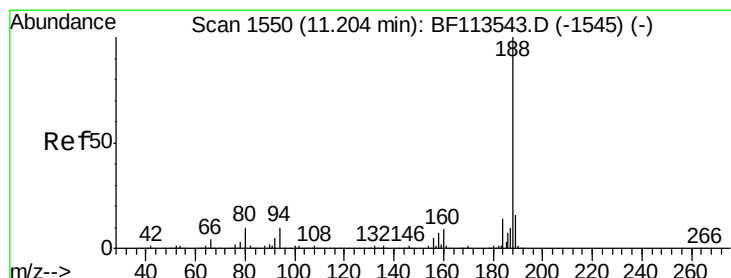
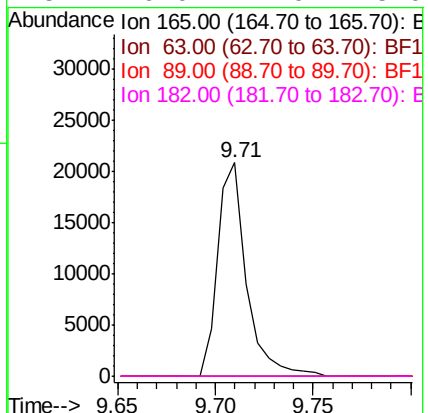
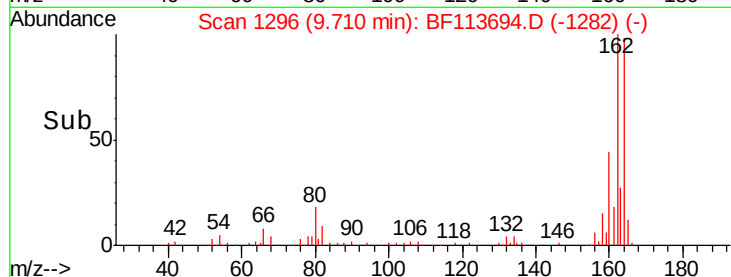
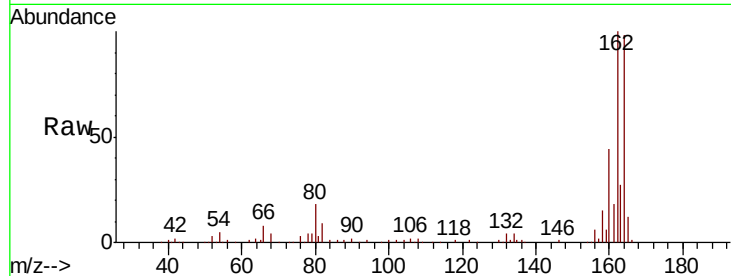




#57
 2,4-Dinitrotoluene
 Concen: 6.320 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113694.D
 Acq: 10 Apr 2019 10:59

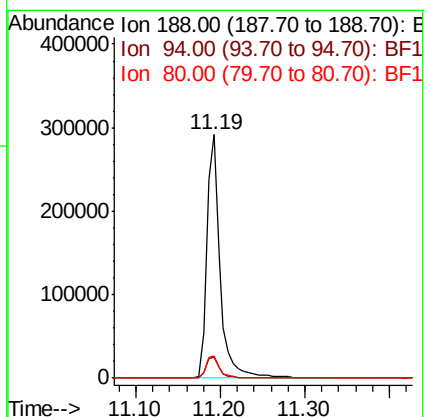
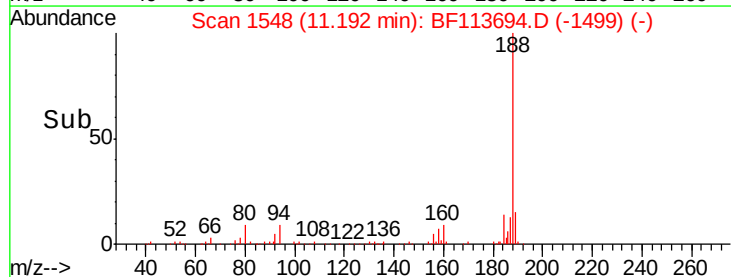
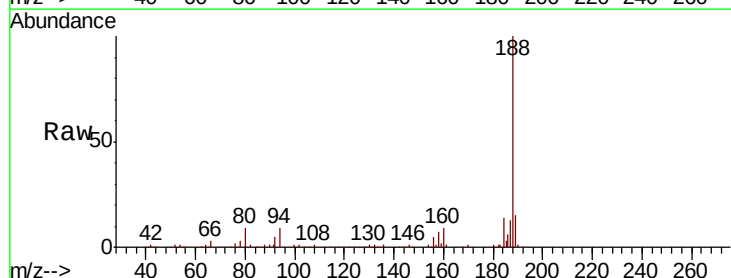
Instrument :
 BNA_F
 ClientSampleId :

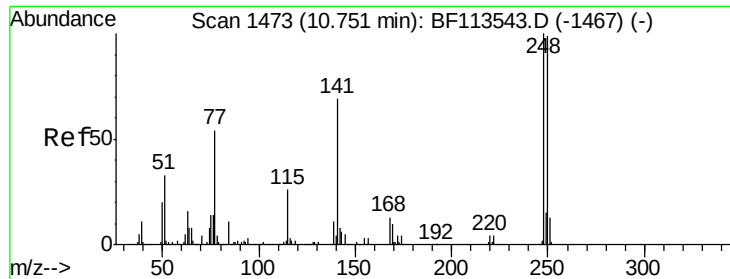
Tot Ion:165	Resp:	21227
Ion Ratio	Lower	Upper
165	100	
63	0.0	37.5 56.3#
89	0.0	57.4 86.2#
182	0.0	2.0 3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113694.D
 Acq: 10 Apr 2019 10:59

Tgt Ion:188	Resp:	317171
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.0 10.6
80	9.2	7.7 11.5

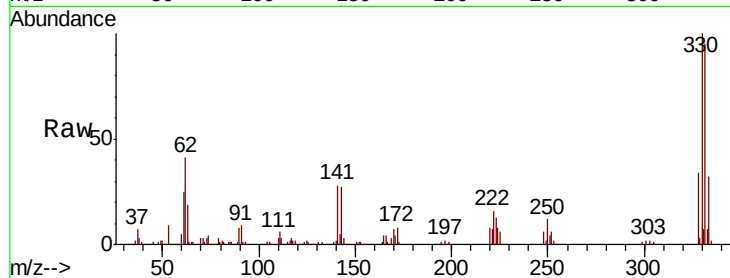




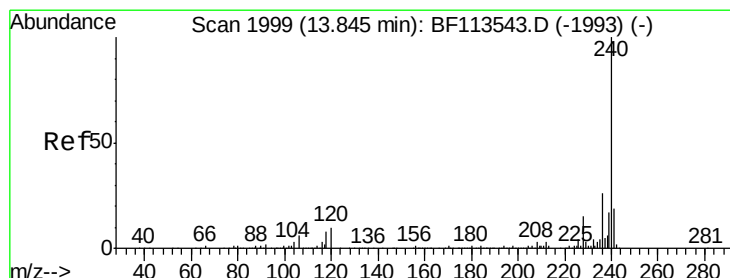
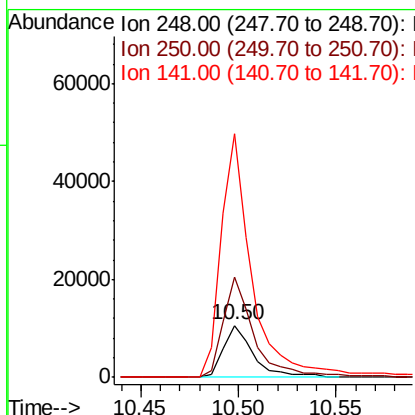
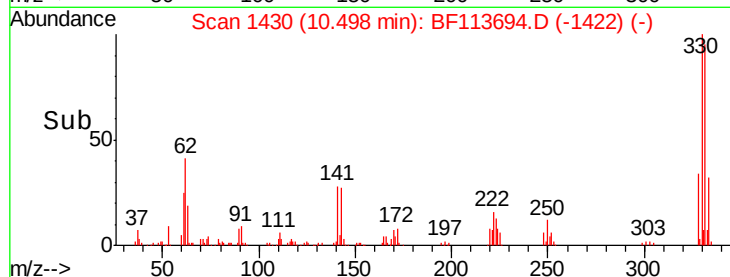
#67
4-Bromophenyl-phenylether
Concen: 3.185 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113694.D
Acq: 10 Apr 2019 10:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11329
Ion Ratio Lower Upper
248 100
250 192.2 78.3 117.5#
141 467.4 56.2 84.4#

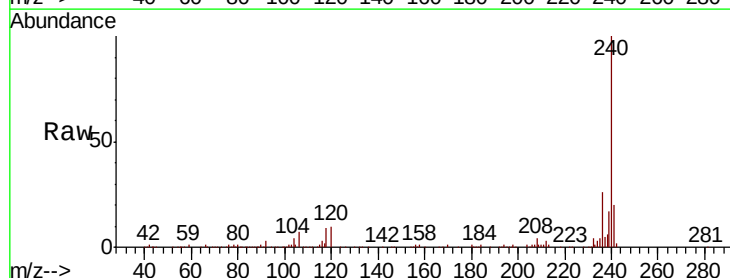


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

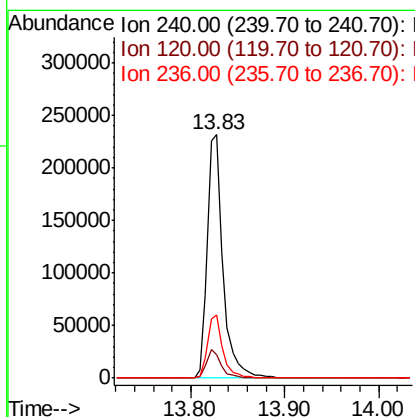
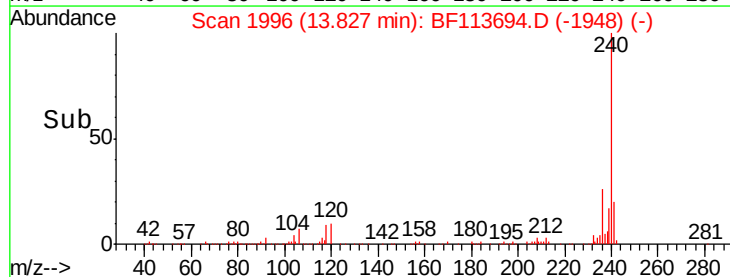


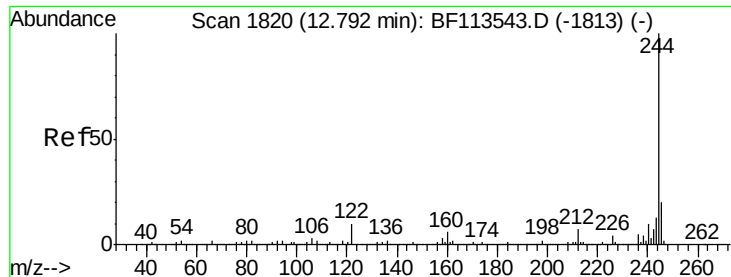
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113694.D
Acq: 10 Apr 2019 10:59

Tgt Ion:240 Resp: 273810
Ion Ratio Lower Upper
240 100
120 9.7 8.8 13.2
236 26.1 20.9 31.3



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

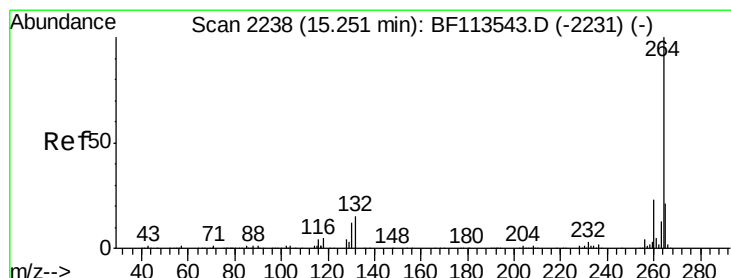
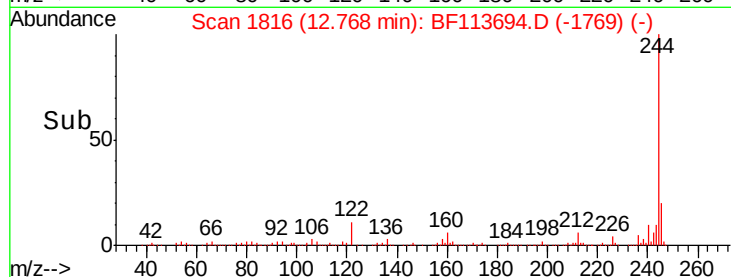
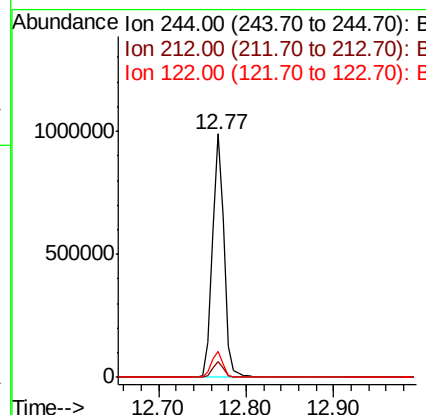
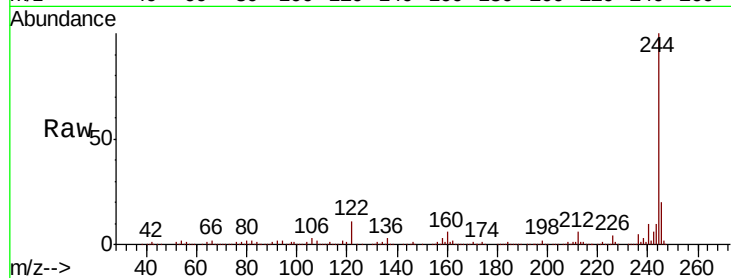




#79
 Terphenyl-d14
 Concen: 68.174 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113694.D
 Acq: 10 Apr 2019 10:59

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 916821
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 10.9 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113694.D
 Acq: 10 Apr 2019 10:59

Tgt Ion:264 Resp: 273139
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 22.1 17.1 25.7

