

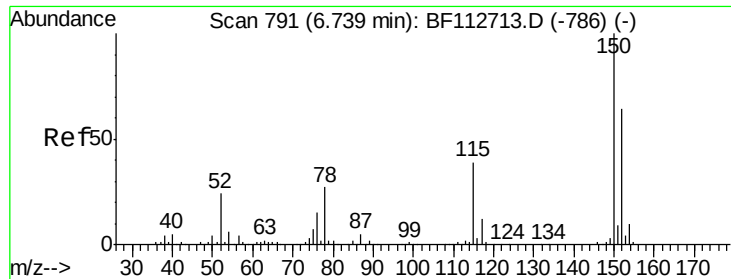
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031919\
 Data File : BF113133.D
 Acq On : 19 Mar 2019 18:46
 Operator : JU/SJ
 Sample : K1935-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-5(7-8)

Quant Time: Mar 20 01:48:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	174342	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	519954	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	223459	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	359913	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	268012	20.00	ng	0.00
87) Perylene-d12	15.27	264	217372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1029869	91.89	ng	0.00
7) Phenol-d6	6.37	99	1365087	96.96	ng	0.00
23) Nitrobenzene-d5	7.29	82	667144	76.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	255714	107.79	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1040447	74.72	ng	-0.01
79) Terphenyl-d14	12.82	244	715948	51.78	ng	0.00
Target Compounds						
10) Phenol	6.38	94	87407	5.320	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	88158	9.887	ng	# 76
25) Isophorone	7.29	82	654933	34.986	ng	# 66
50) Dimethylphthalate	9.47	163	132513	8.042	ng	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	533	4.939	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	15263	4.026	ng	# 1
75) Fluoranthene	12.44	202	45555	2.374	ng	97
89) Benzo(k)fluoranthene	14.87	252	26564	2.086	ng	# 22

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

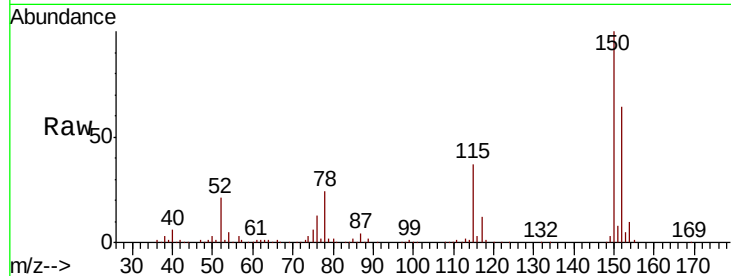


#1

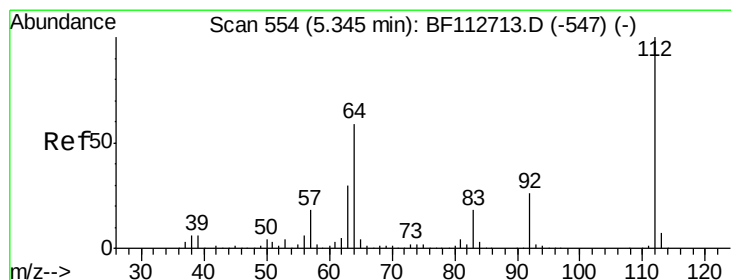
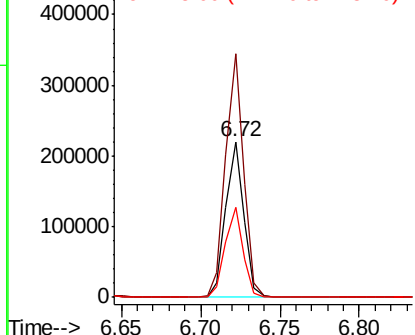
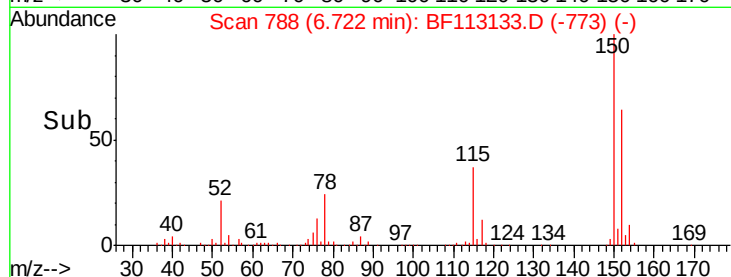
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:152 Resp: 174342
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 58.3 48.2 72.4



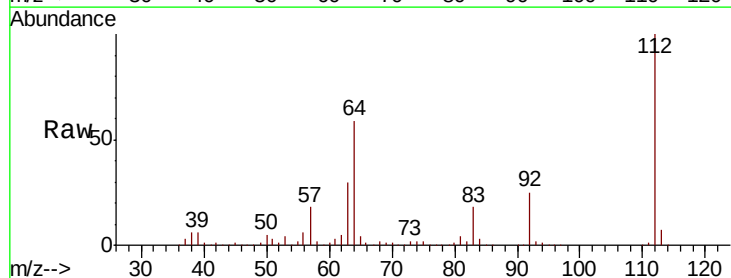
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



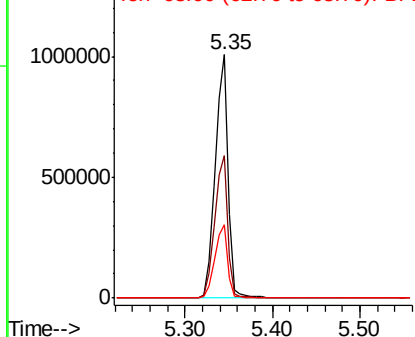
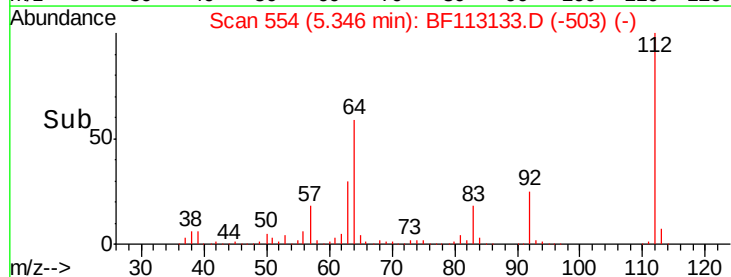
#5

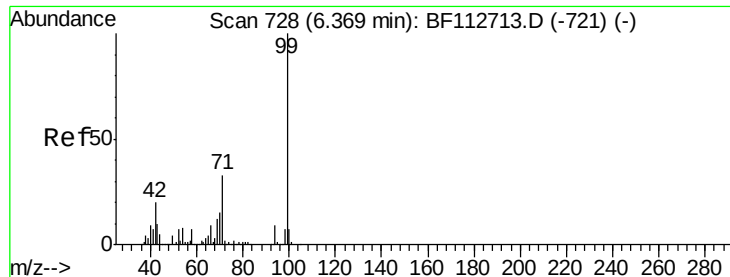
2-Fluorophenol
Concen: 91.889 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:112 Resp: 1029869
Ion Ratio Lower Upper
112 100
64 58.7 47.6 71.4
63 30.4 24.4 36.6



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: 96.960 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113133.D

Acq: 19 Mar 2019 18:46

Instrument :

BNA_F

ClientSampleId :

SB-5(7-8)

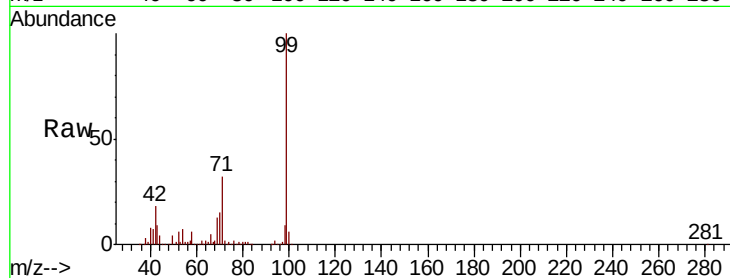
Tgt Ion: 99 Resp: 1365087

Ion Ratio Lower Upper

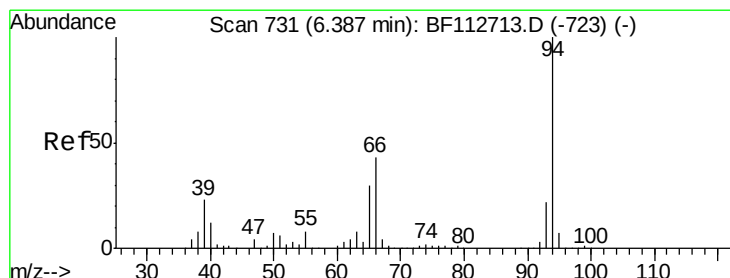
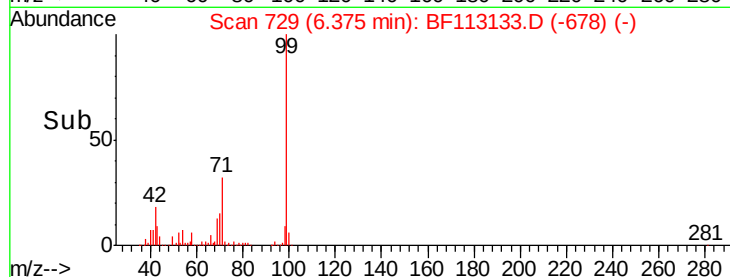
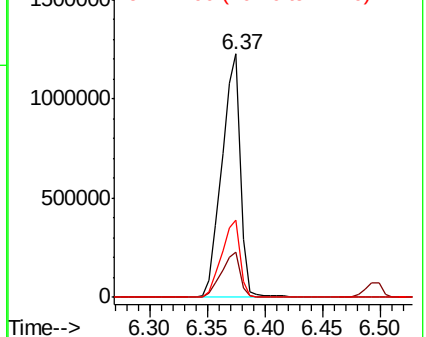
99 100

42 18.3 16.3 24.5

71 31.7 26.2 39.4



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: 5.320 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113133.D

Acq: 19 Mar 2019 18:46

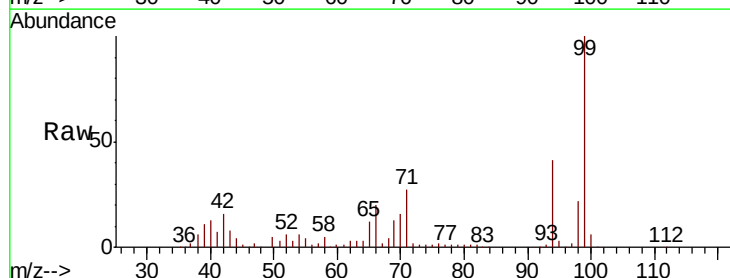
Tgt Ion: 94 Resp: 87407

Ion Ratio Lower Upper

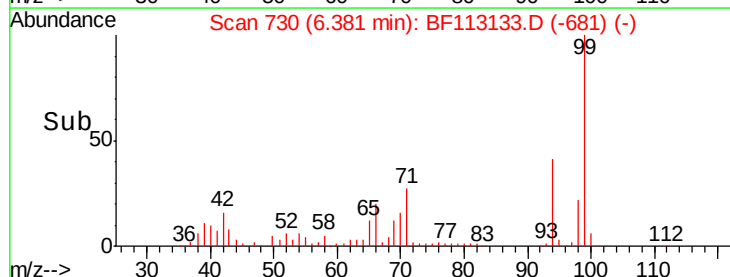
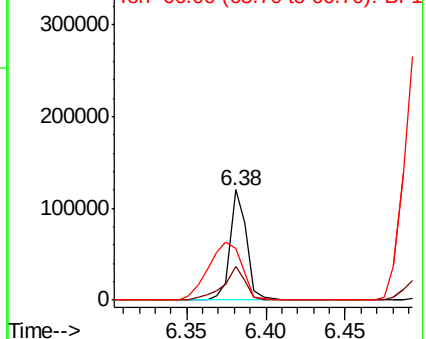
94 100

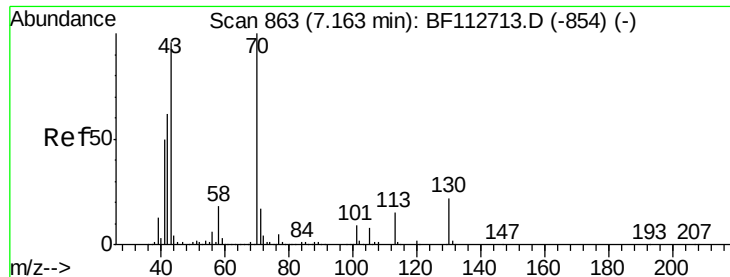
65 30.1 10.5 50.5

66 47.2 22.6 62.6



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

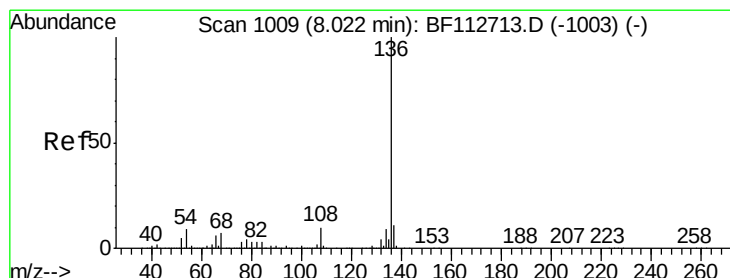
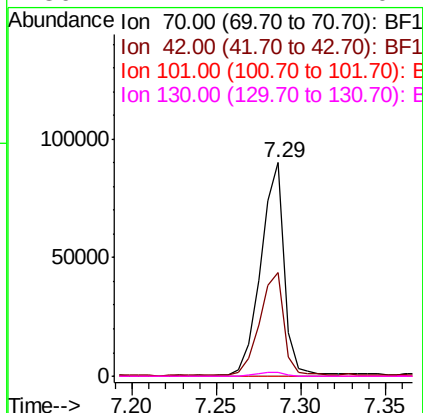
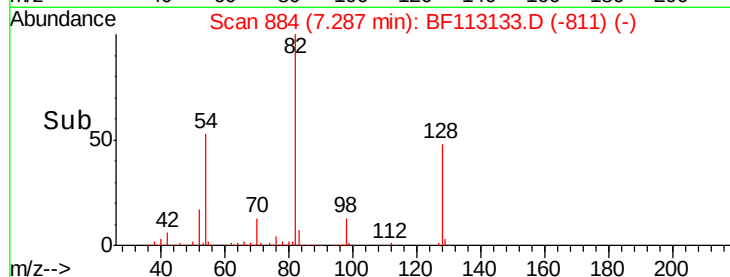
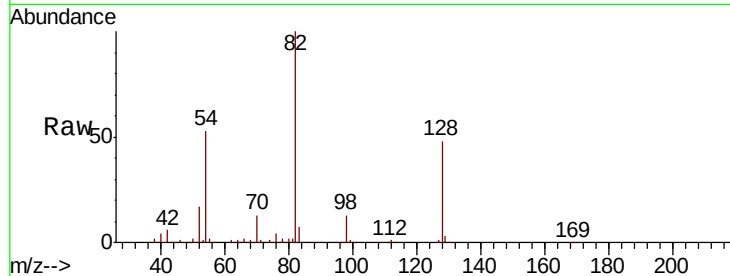




#19
n-Nitroso-di-n-propylamine
Concen: 9.887 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.13 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

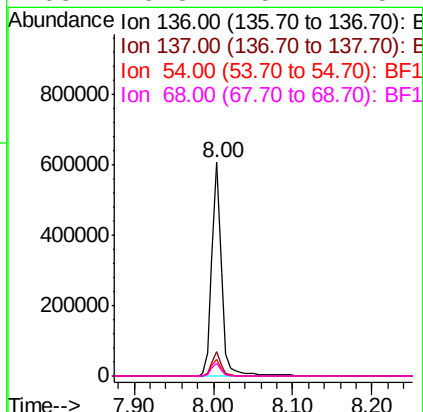
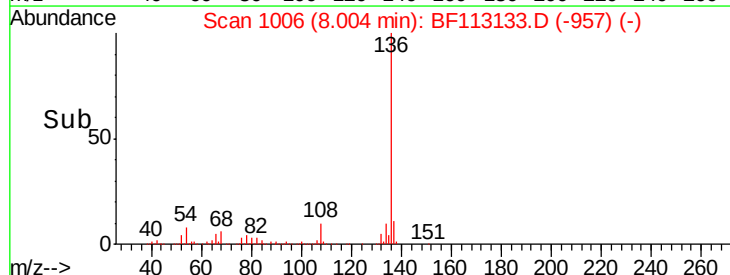
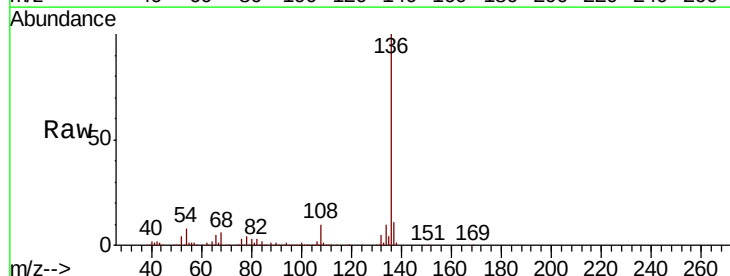
Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

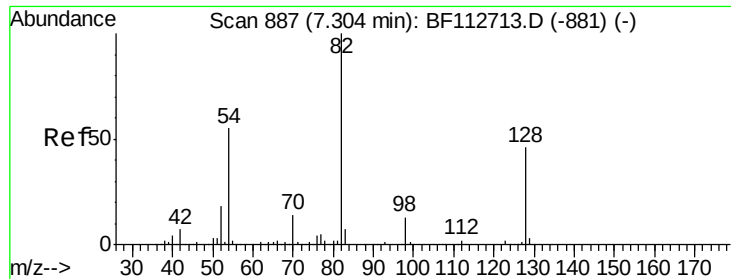
Tgt Ion: 70 Resp: 88158
Ion Ratio Lower Upper
70 100
42 48.8 49.9 74.9#
101 0.0 7.4 11.2#
130 2.1 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion: 136 Resp: 519954
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.0 7.3 10.9
68 5.8 5.4 8.2

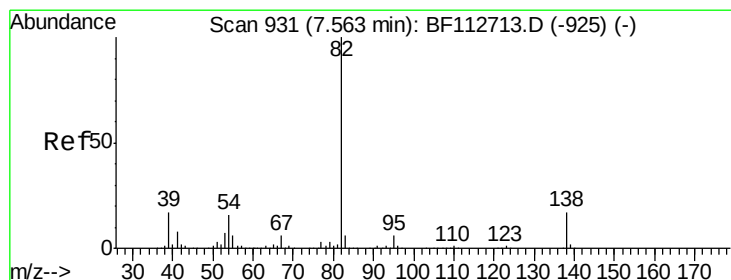
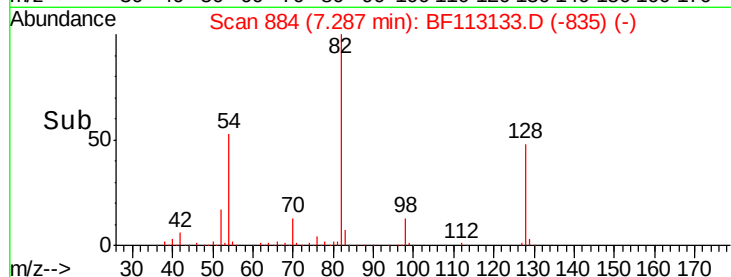
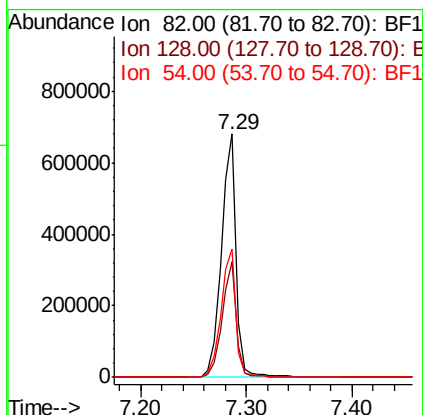
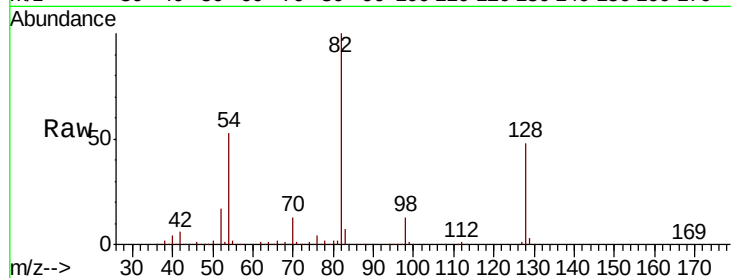




#23
Nitrobenzene-d5
Concen: 76.777 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

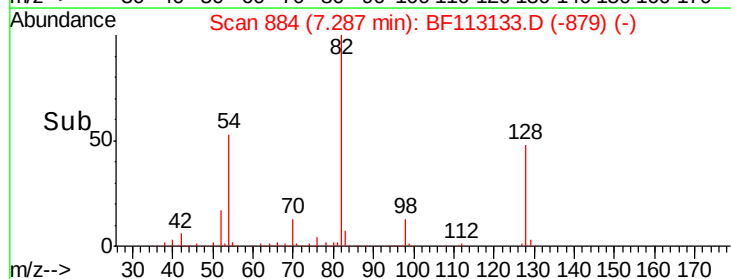
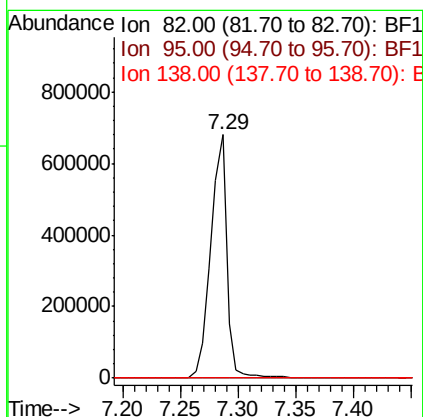
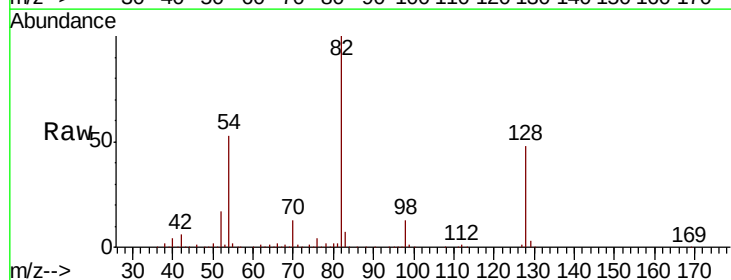
Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

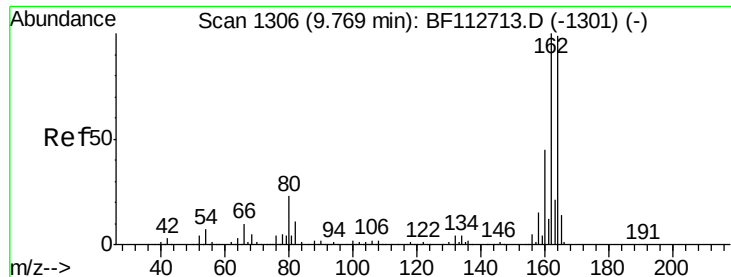
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	52.9	43.7	65.5



#25
Isophorone
Concen: 34.986 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.27 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.2	7.8#
138	0.0	13.8	20.8#

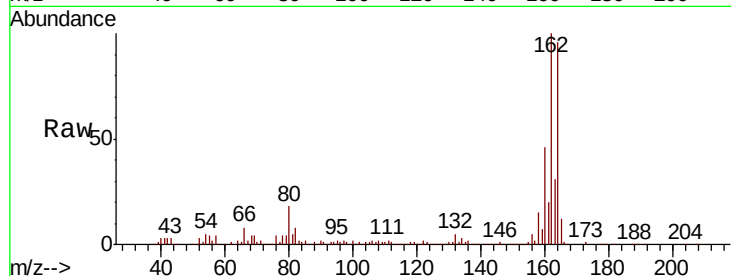




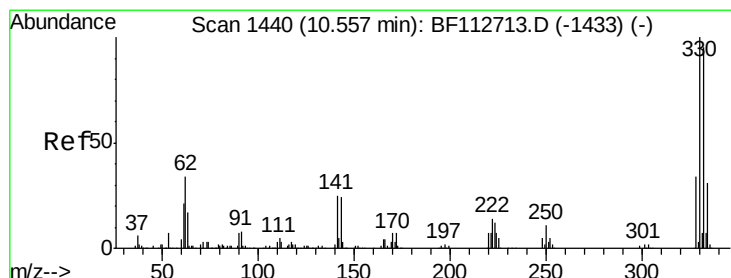
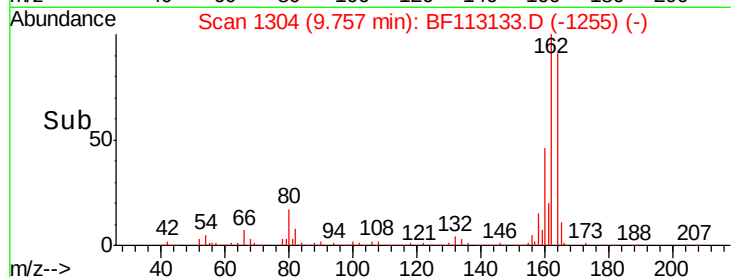
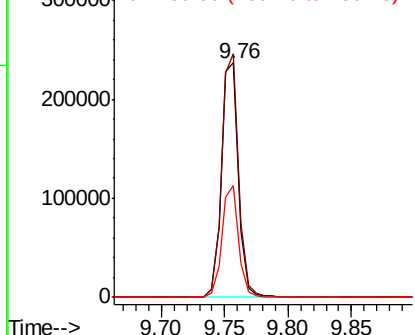
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:164 Resp: 223459
Ion Ratio Lower Upper
164 100
162 103.8 80.6 120.8
160 47.5 36.0 54.0

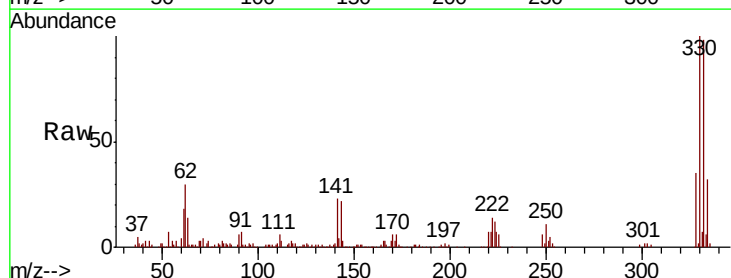


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

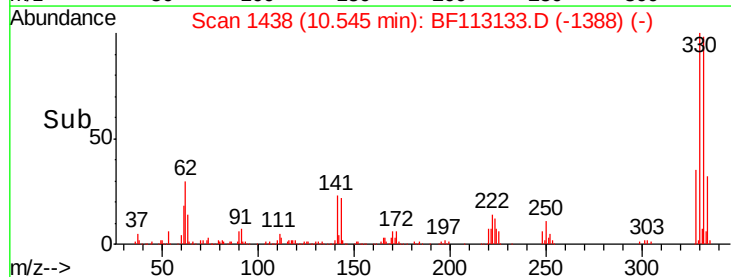
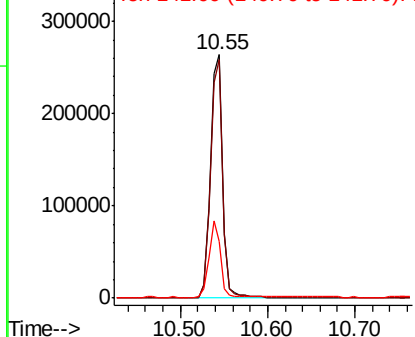


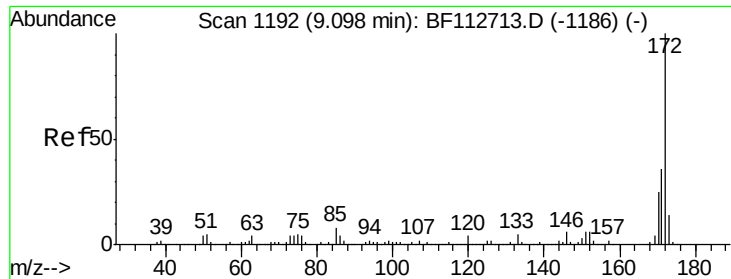
#42
2,4,6-Tribromophenol
Concen: 107.792 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:330 Resp: 255714
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 29.6 27.0 40.6



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

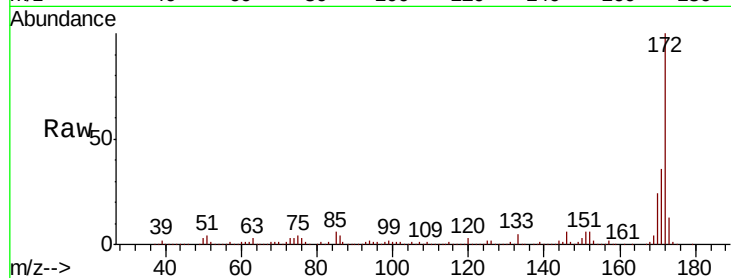




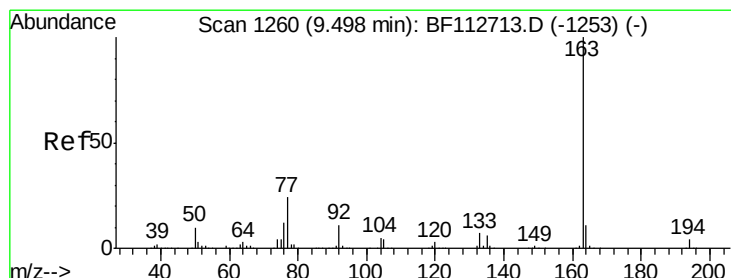
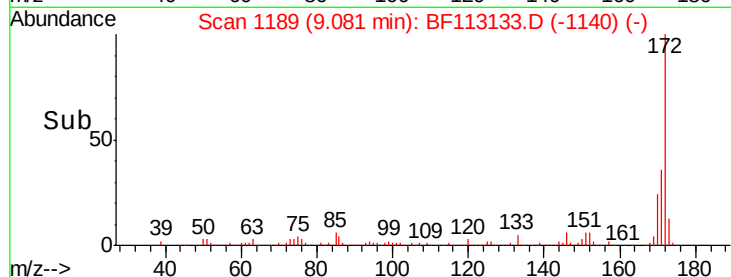
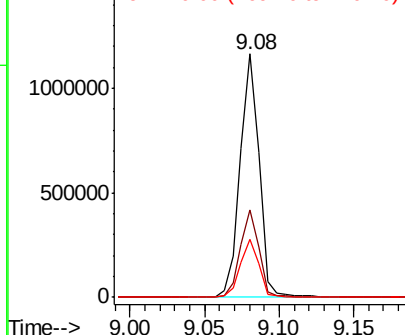
#45
2-Fluorobiphenyl
Concen: 74.720 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:172 Resp: 1040447
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.1 20.0 30.0

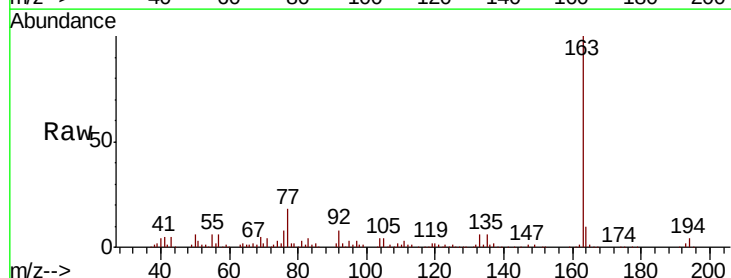


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

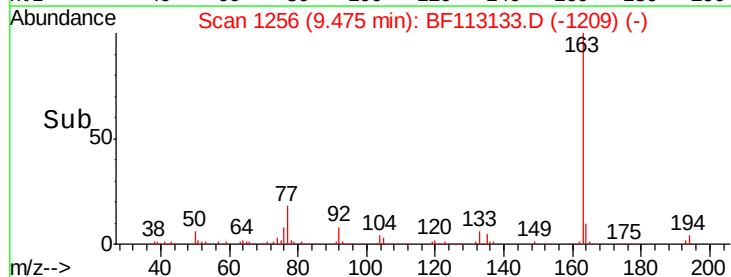
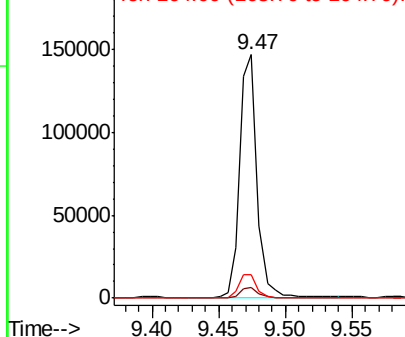


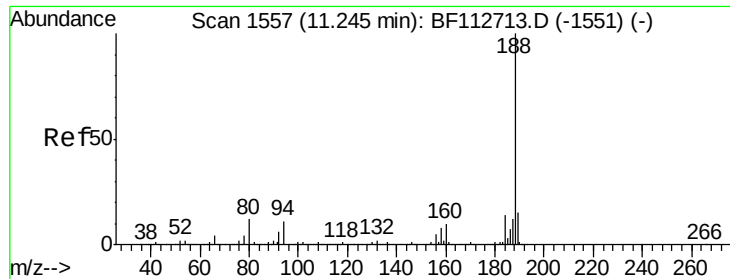
#50
Dimethylphthalate
Concen: 8.042 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:163 Resp: 132513
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.4
164 9.7 8.4 12.6



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

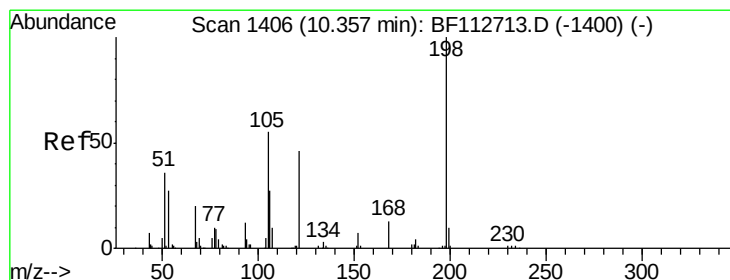
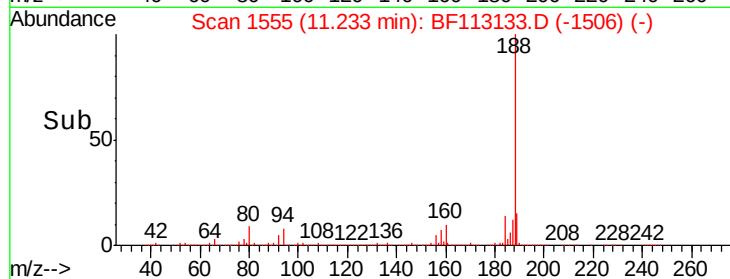
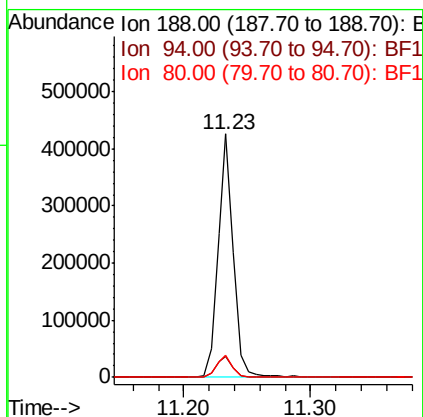
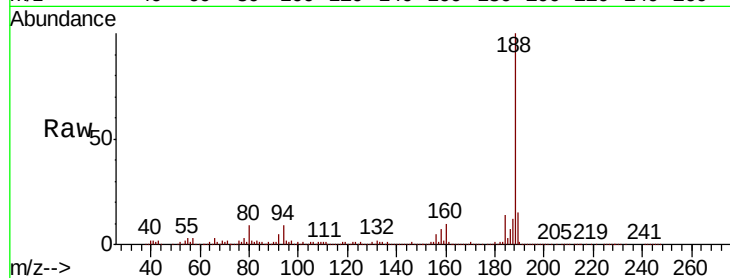




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

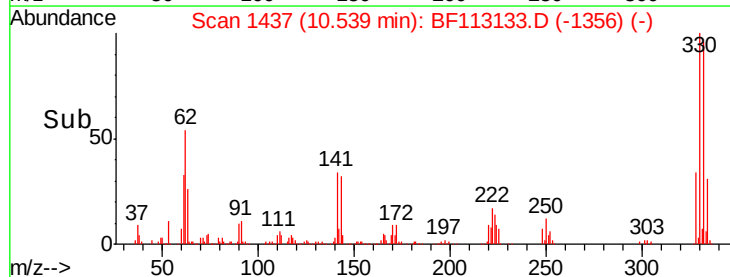
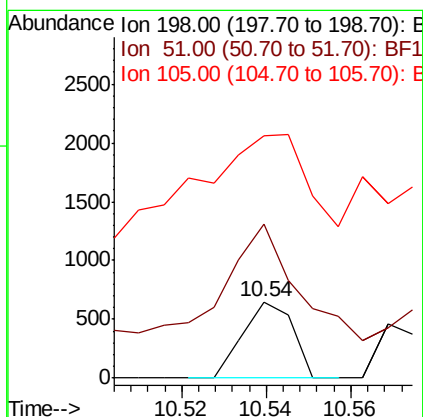
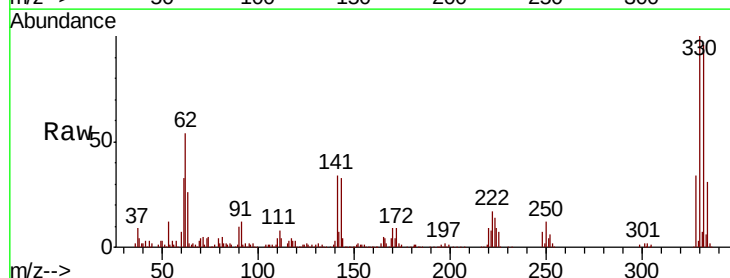
Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

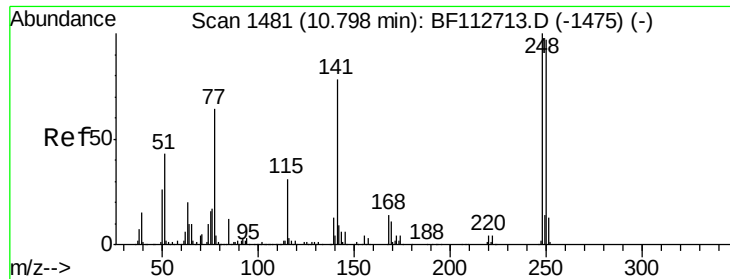
Tgt Ion:188 Resp: 359913
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.1 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.939 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:198 Resp: 533
Ion Ratio Lower Upper
198 100
51 202.6 43.8 83.8#
105 319.5 36.5 76.5#

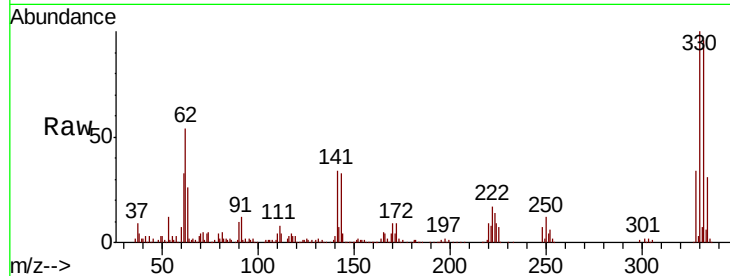




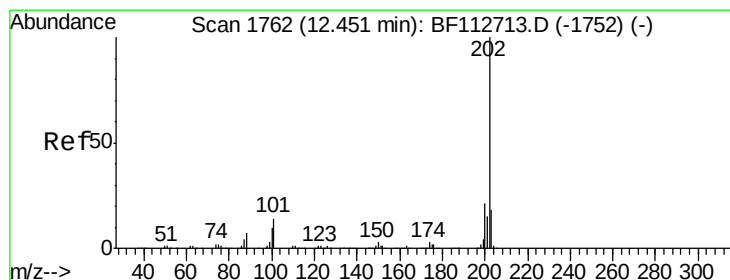
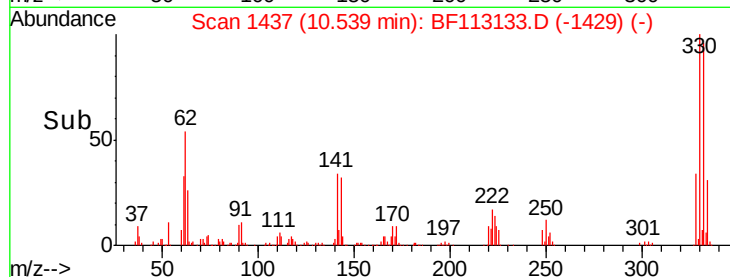
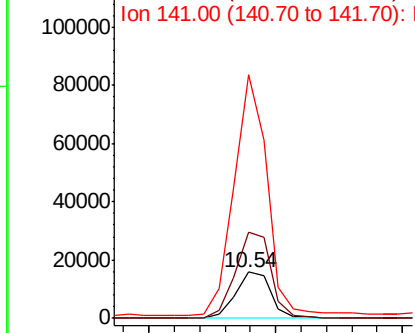
#67
4-Bromophenyl-phenylether
Concen: 4.026 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion:248 Resp: 15263
Ion Ratio Lower Upper
248 100
250 185.4 77.5 116.3#
141 525.8 62.4 93.6#

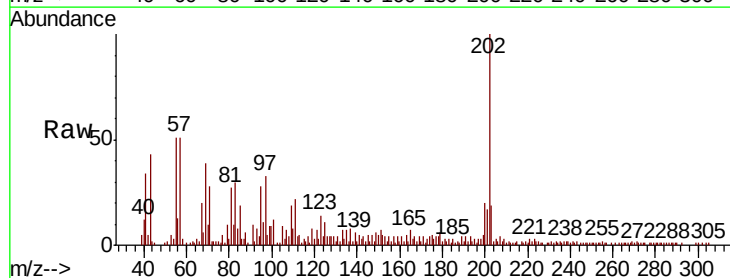


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

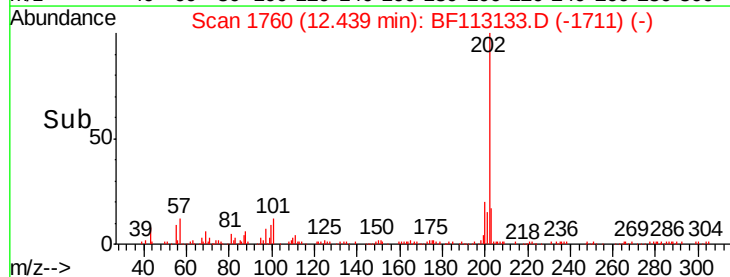
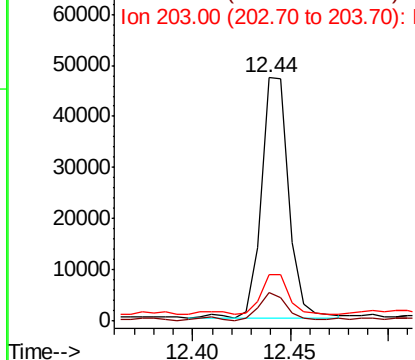


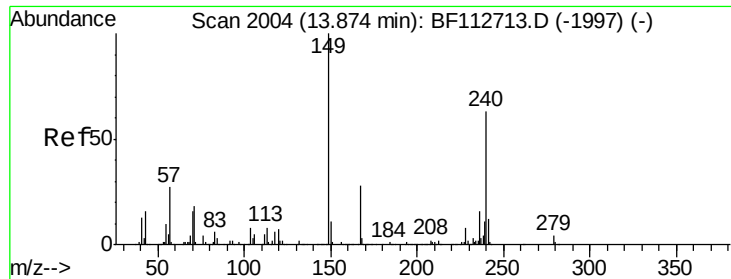
#75
Fluoranthene
Concen: 2.374 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:202 Resp: 45555
Ion Ratio Lower Upper
202 100
101 11.8 0.0 33.8
203 19.1 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

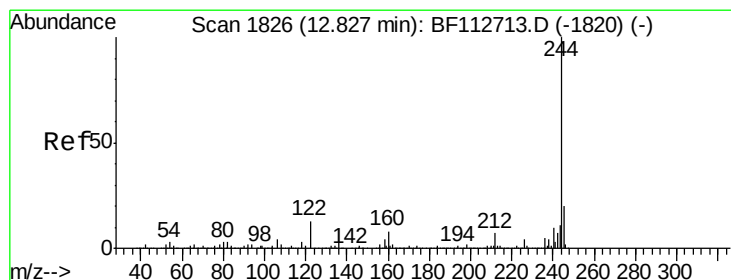
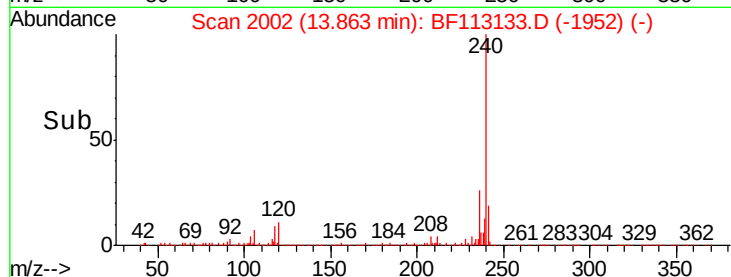
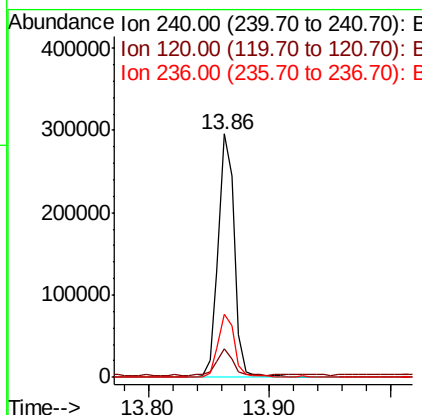
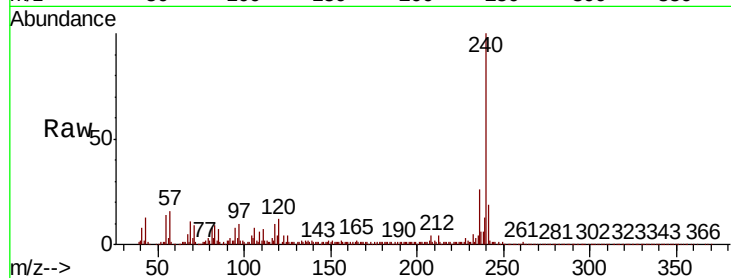




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

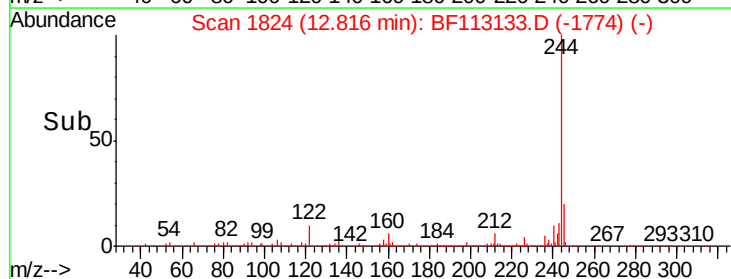
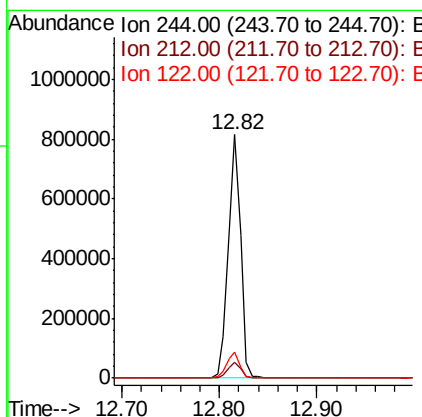
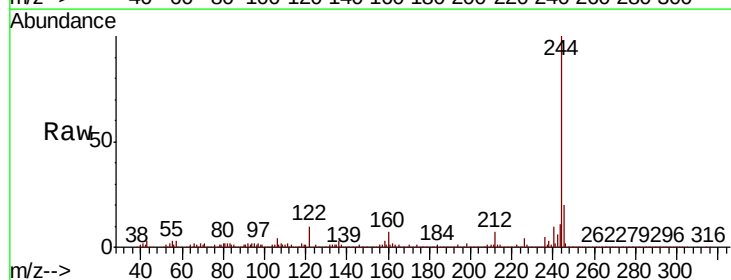
Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

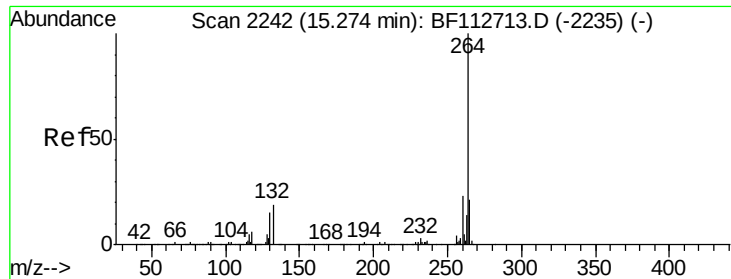
Tgt Ion:240 Resp: 268012
Ion Ratio Lower Upper
240 100
120 12.0 8.9 13.3
236 26.0 20.7 31.1



#79
Terphenyl-d14
Concen: 51.784 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion:244 Resp: 715948
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.5 10.5 15.7#



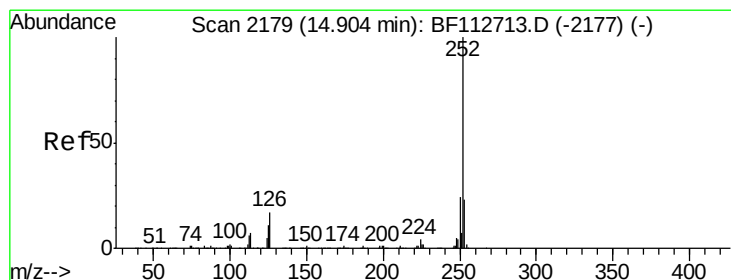
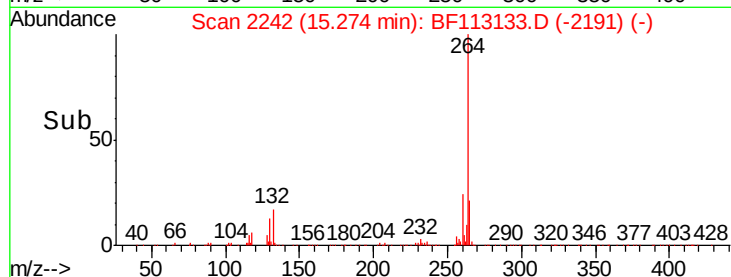
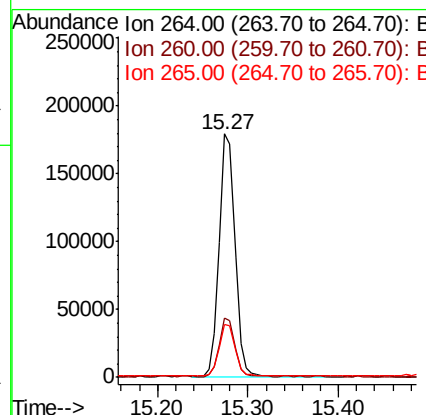
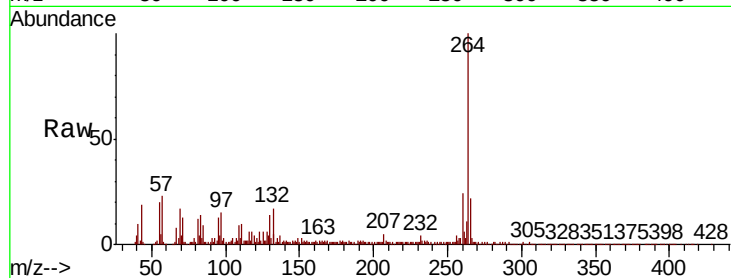


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Instrument :
BNA_F
ClientSampleId :
SB-5(7-8)

Tgt Ion: 264 Resp: 217372

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.9	17.2	25.8



#89
Benzo(k)fluoranthene
Concen: 2.086 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113133.D
Acq: 19 Mar 2019 18:46

Tgt Ion: 252 Resp: 26564

Ion	Ratio	Lower	Upper
252	100		
253	28.9	18.2	27.2#
125	89.7	9.8	14.6#

