

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114317.D
 Acq On : 16 May 2019 18:54
 Operator : JU/SJ
 Sample : K2866-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1

Quant Time: May 17 08:04:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	226566	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	842644	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	315778	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	438058	20.00	ng	0.02
76) Chrysene-d12	14.02	240	400235	20.00	ng	0.00
87) Perylene-d12	15.50	264	525776	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	1606620	114.12	ng	0.00
7) Phenol-d6	6.50	99	2144852	128.81	ng	0.00
23) Nitrobenzene-d5	7.41	82	1282556	85.42	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	347052	106.31	ng	0.01
45) 2-Fluorobiphenyl	9.20	172	1896858	90.86	ng	0.00
79) Terphenyl-d14	12.96	244	1225382	63.11	ng	0.00

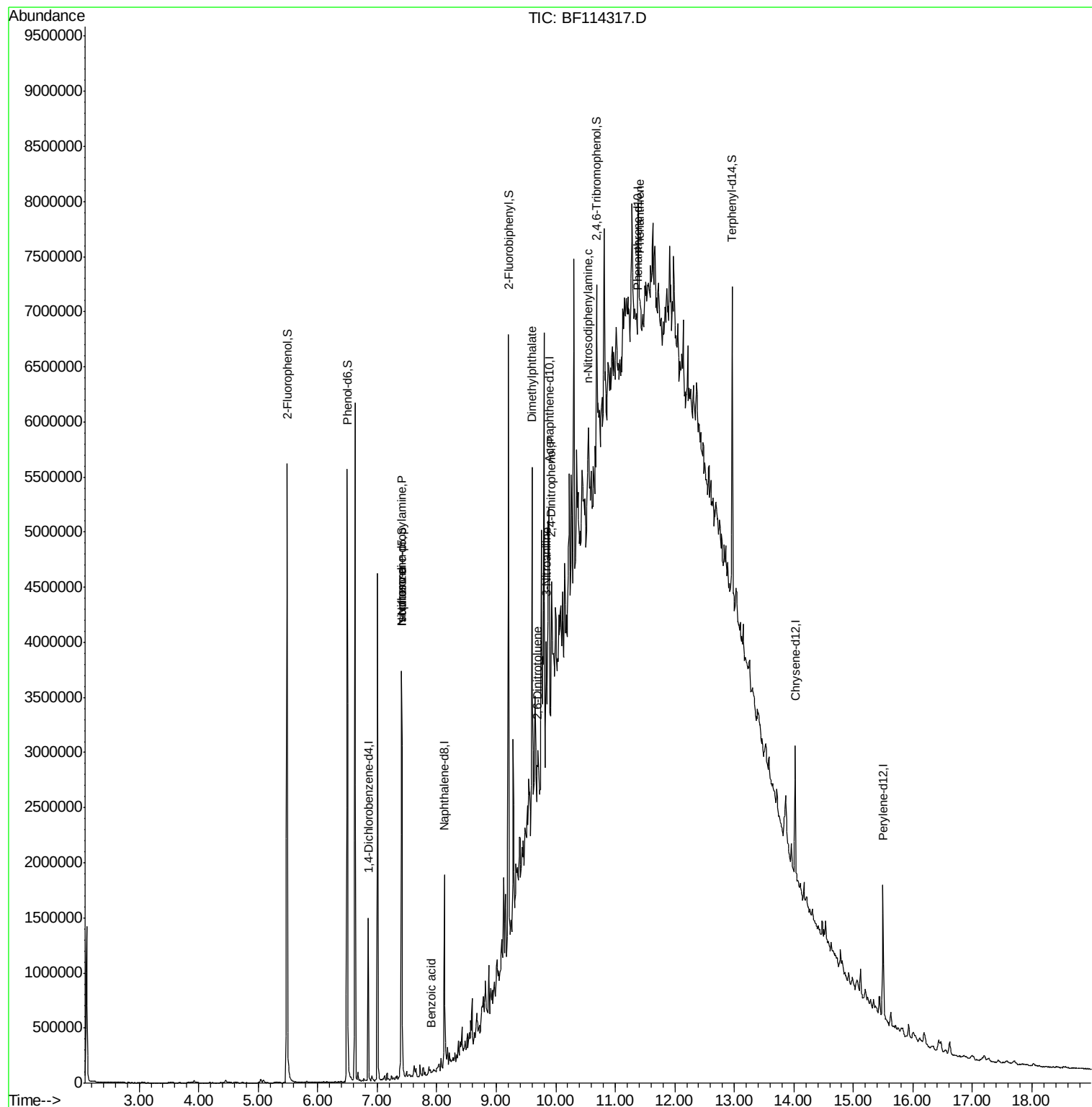
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.41	70	162614	15.407	ng	# 78
25) Isophorone	7.41	82	1281062	46.004	ng	# 65
32) Benzoic acid	7.91	122	1491	7.174	ng	# 34
50) Dimethylphthalate	9.60	163	293411	12.657	ng	# 83
51) 2,6-Dinitrotoluene	9.69	165	15182	2.953	ng	# 27
53) 3-Nitroaniline	9.84	138	33481	5.246	ng	# 15
54) 2,4-Dinitrophenol	9.93	184	333	6.863	ng	# 1
66) n-Nitrosodiphenylamine	10.55	169	40054	3.013	ng	# 47
71) Phenanthrene	11.41	178	62244	2.921	ng	# 52

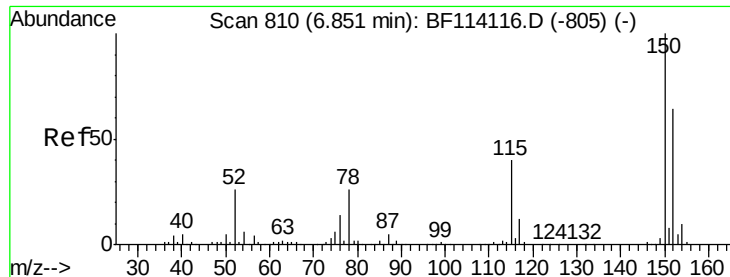
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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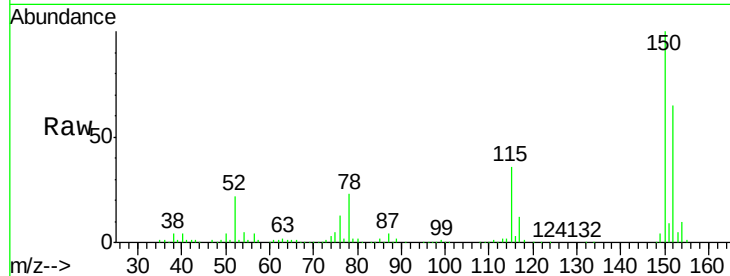


#1

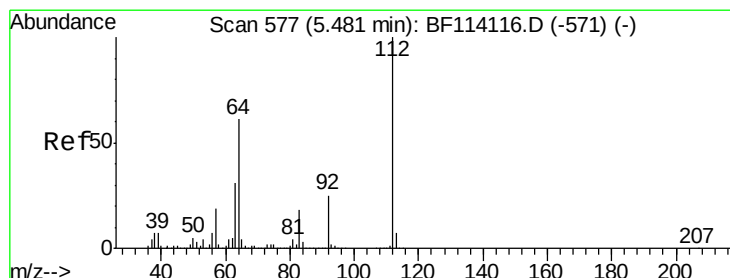
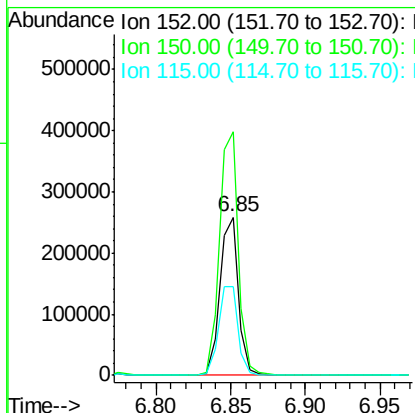
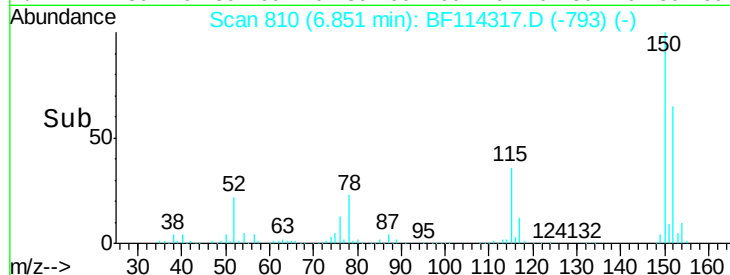
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

Tot Ion:152 Resp: 226566
Ion Ratio Lower Upper
152 100
150 154.0 124.3 186.5
115 56.0 49.1 73.7



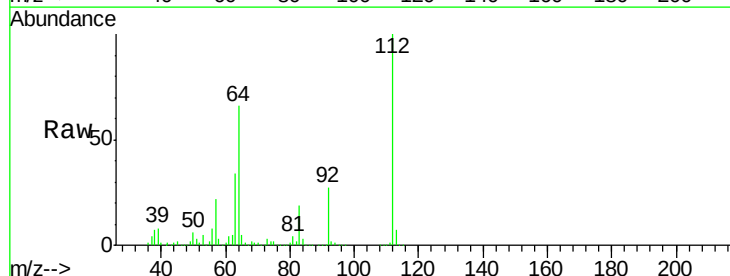
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



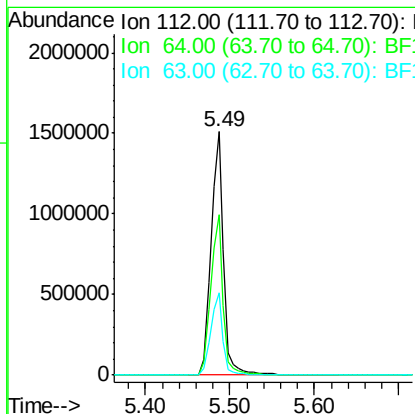
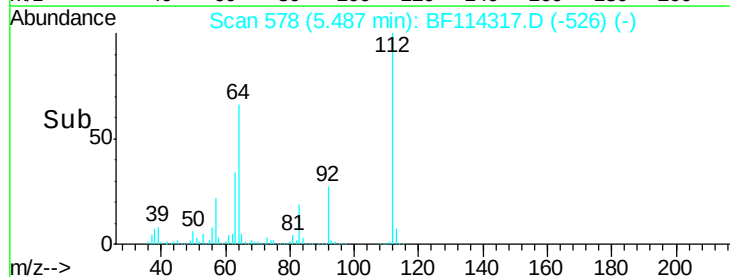
#5

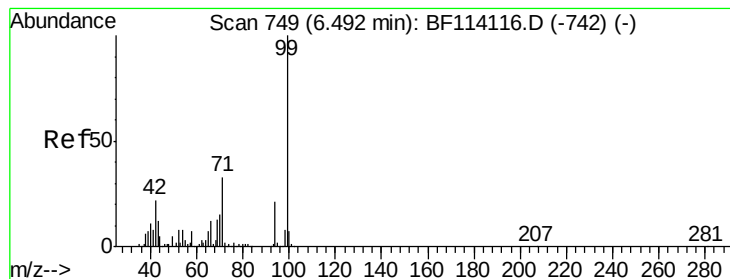
2-Fluorophenol
Concen: 114.116 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Tgt Ion:112 Resp: 1606620
Ion Ratio Lower Upper
112 100
64 65.8 49.0 73.6
63 33.8 24.6 37.0



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: 128.808 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114317.D

Acq: 16 May 2019 18:54

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1

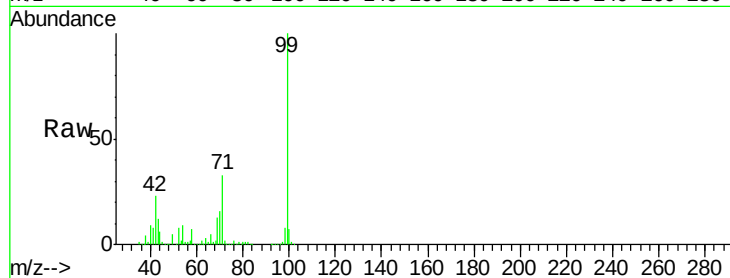
Tot Ion: 99 Resp: 2144852

Ion Ratio Lower Upper

99 100

42 23.1 17.9 26.9

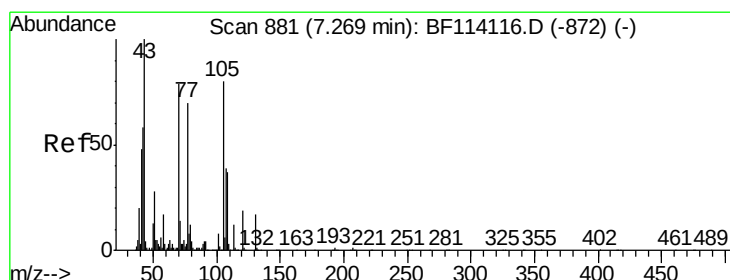
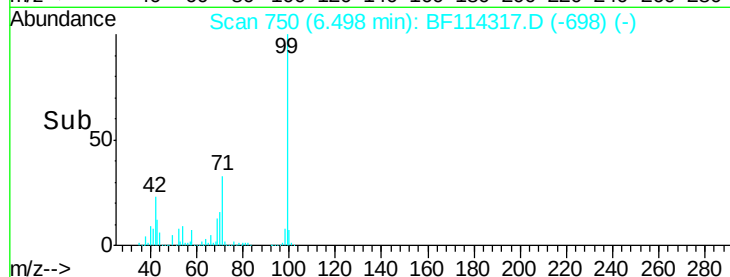
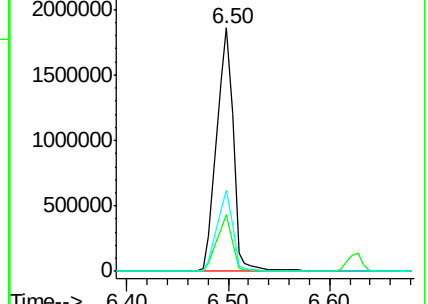
71 33.3 26.2 39.2



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: 15.407 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF114317.D

Acq: 16 May 2019 18:54

Tgt Ion: 70 Resp: 162614

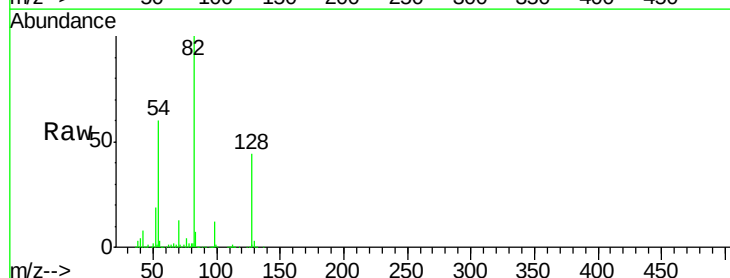
Ion Ratio Lower Upper

70 100

42 59.7 58.6 87.8

101 0.0 7.8 11.8#

130 2.3 17.1 25.7#

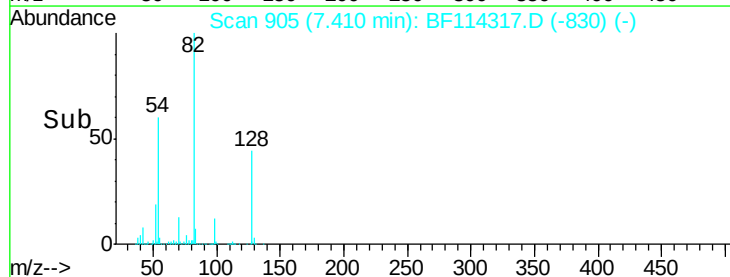
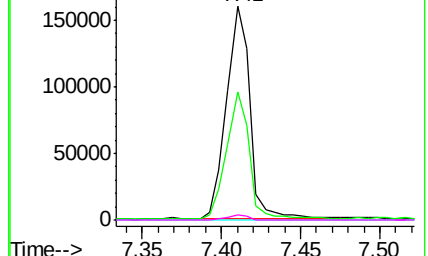


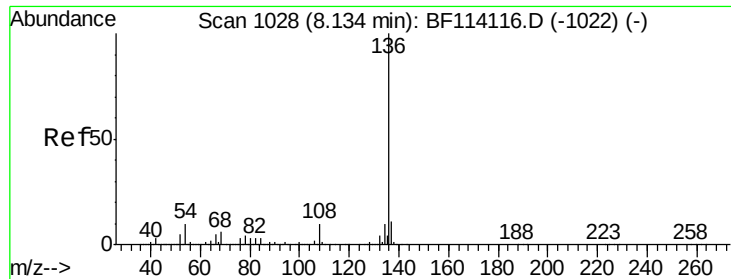
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

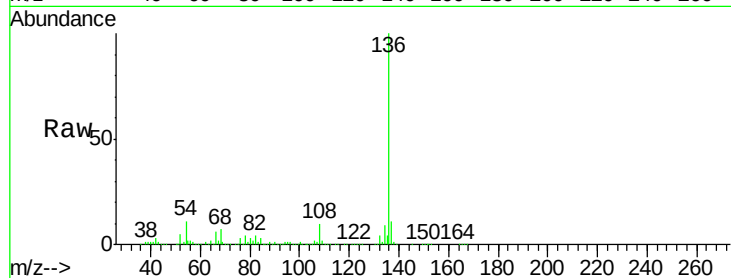




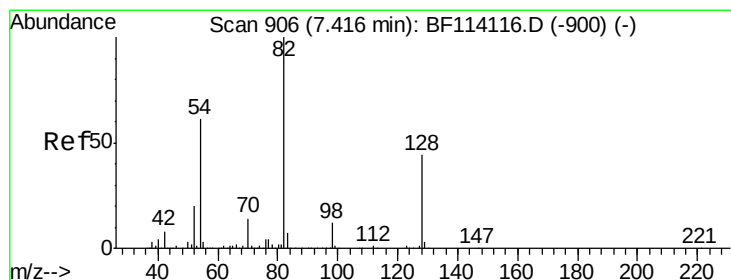
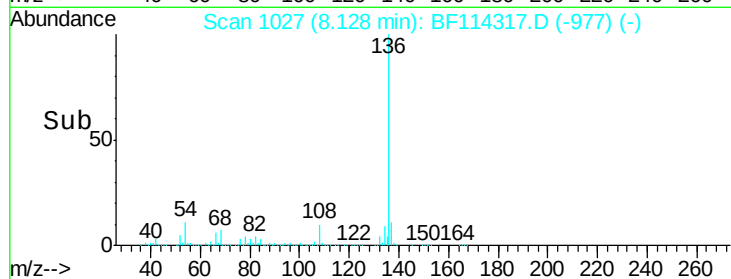
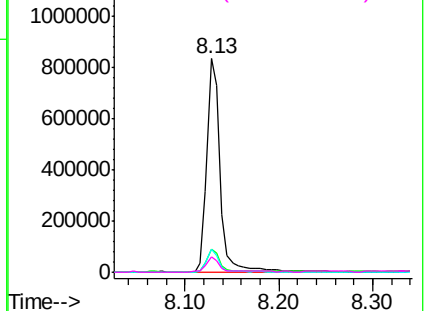
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

Tot Ion:136	Resp:	842644
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.8	13.2
54 10.9	7.8	11.8
68 7.0	5.1	7.7

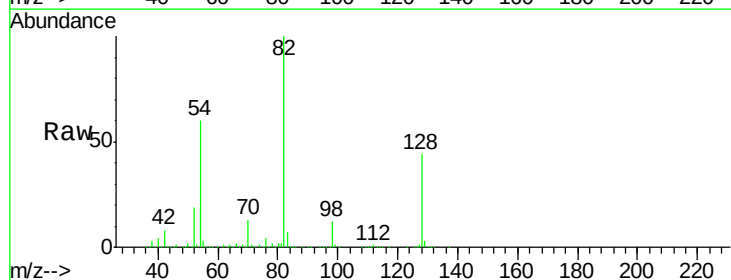


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

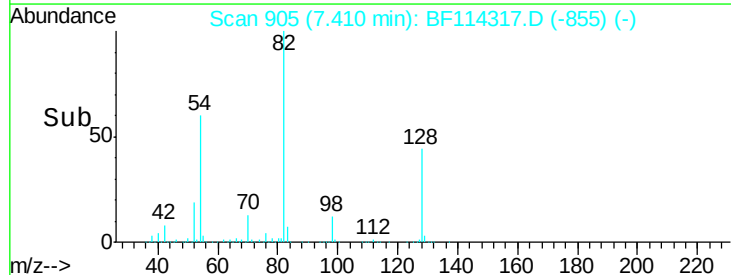
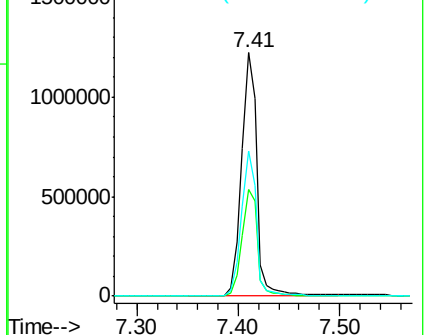


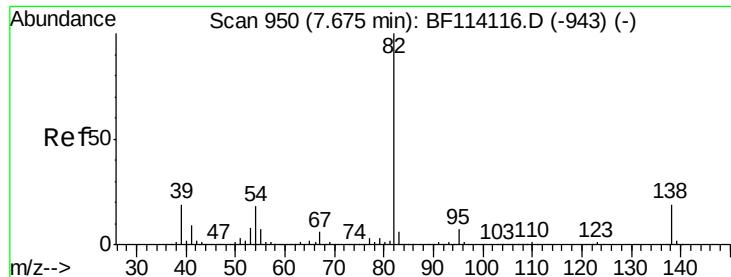
#23
Nitrobenzene-d5
Concen: 85.418 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Tgt Ion: 82	Resp: 1282556
Ion Ratio	Lower Upper
82 100	
128 44.0	35.5 53.3
54 59.8	48.5 72.7



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: 46.004 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF114317.D

Acq: 16 May 2019 18:54

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1

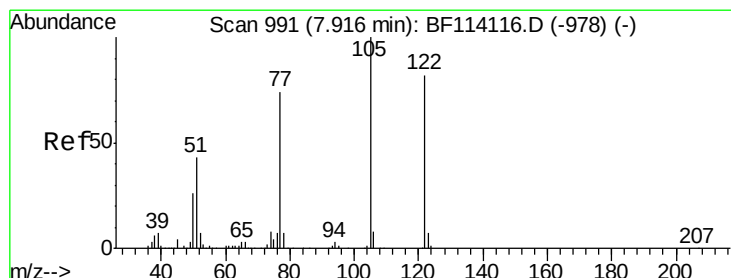
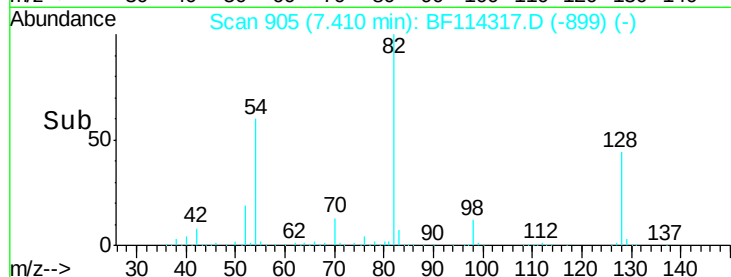
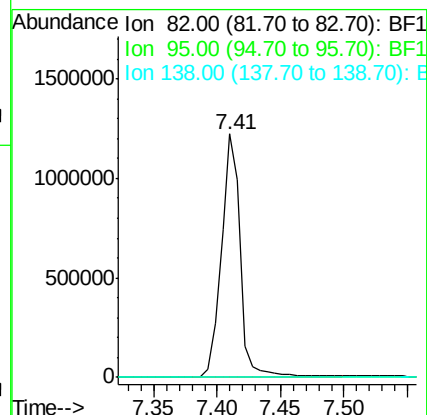
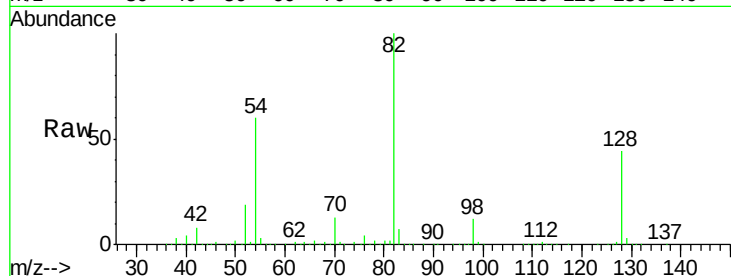
Tot Ion: 82 Resp: 1281062

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 7.174 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF114317.D

Acq: 16 May 2019 18:54

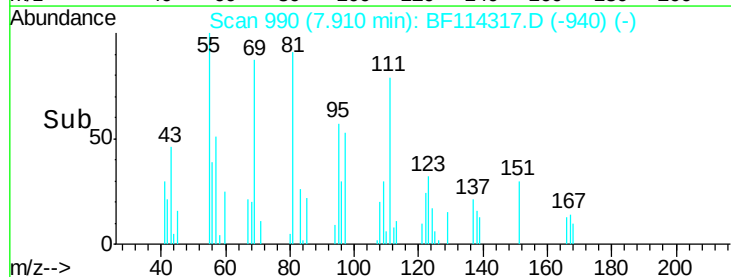
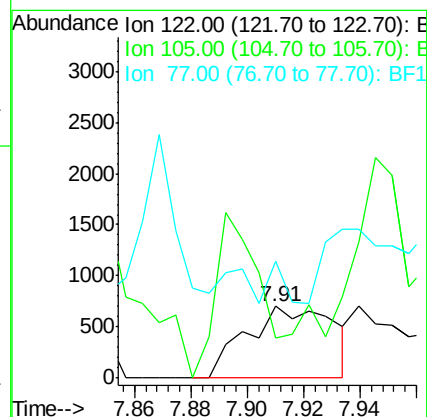
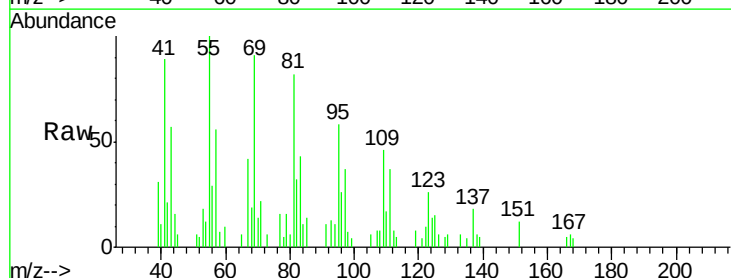
Tgt Ion:122 Resp: 1491

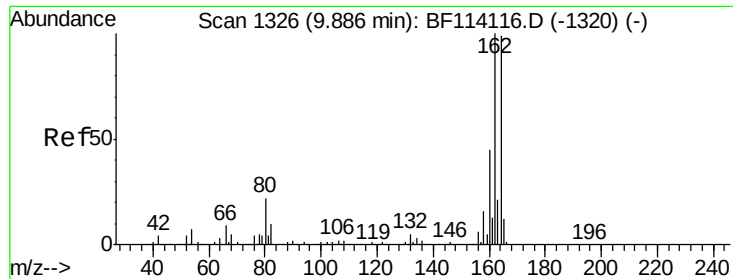
Ion Ratio Lower Upper

122 100

105 56.8 99.9 139.9#

77 163.1 69.4 109.4#

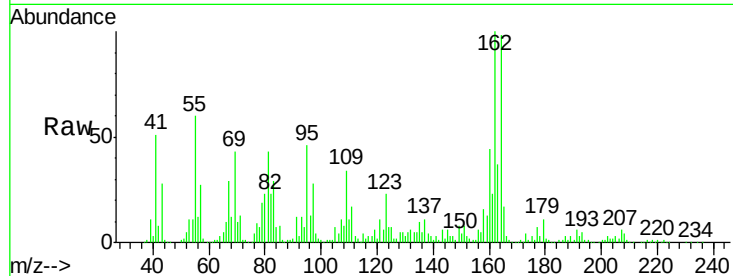




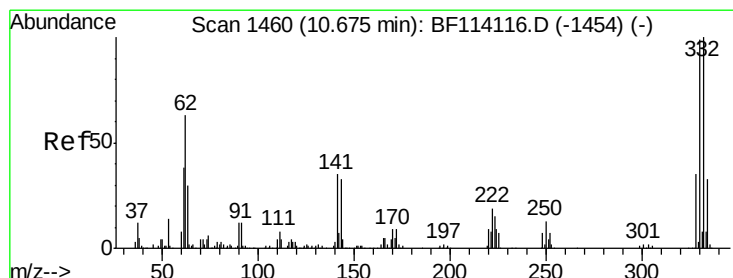
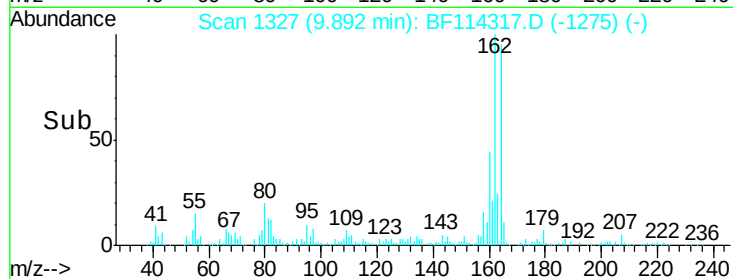
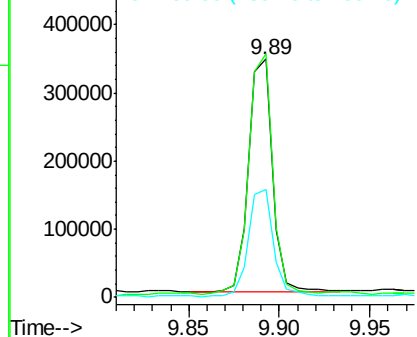
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1

Tot Ion:164 Resp: 315778
 Ion Ratio Lower Upper
 164 100
 162 102.3 80.6 120.8
 160 45.2 36.5 54.7

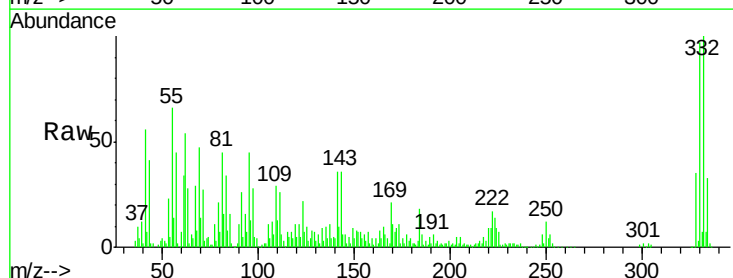


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

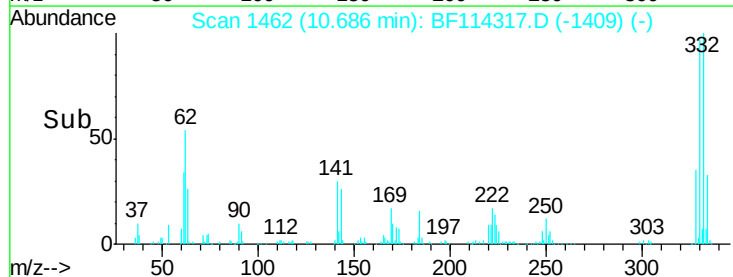
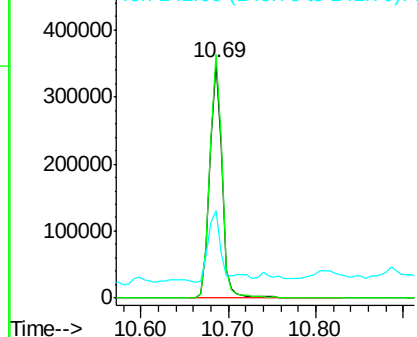


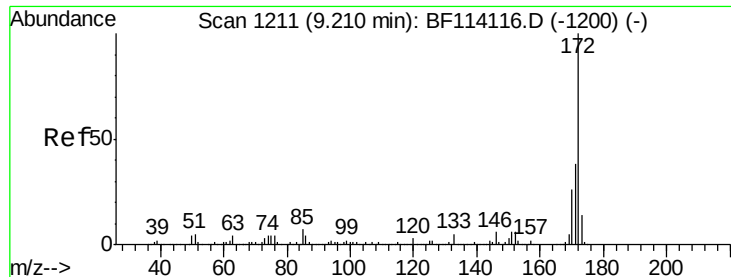
#42
 2,4,6-Tribromophenol
 Concen: 106.307 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

Tgt Ion:330 Resp: 347052
 Ion Ratio Lower Upper
 330 100
 332 103.0 81.4 122.2
 141 30.9 26.6 40.0



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

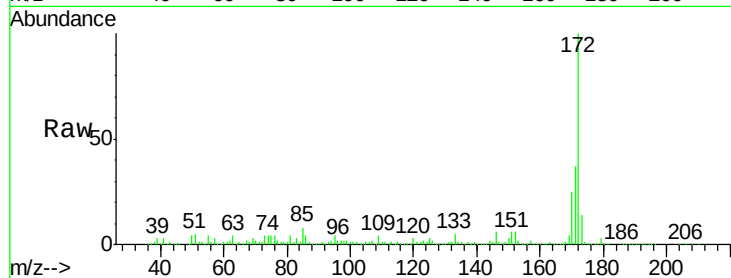




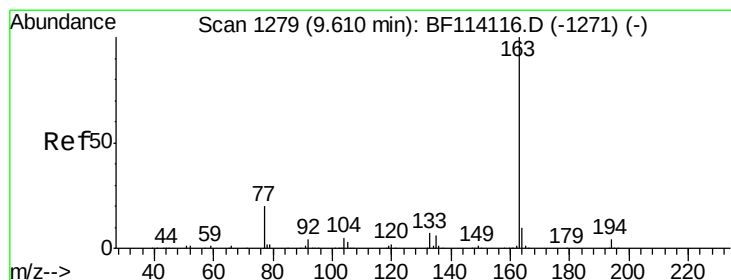
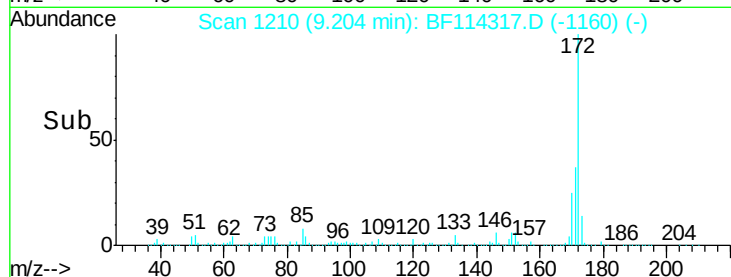
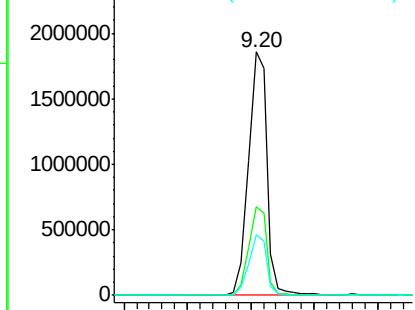
#45
2-Fluorobiphenyl
Concen: 90.865 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

Tot Ion:172 Resp: 1896858
Ion Ratio Lower Upper
172 100
171 36.7 30.7 46.1
170 24.7 20.5 30.7

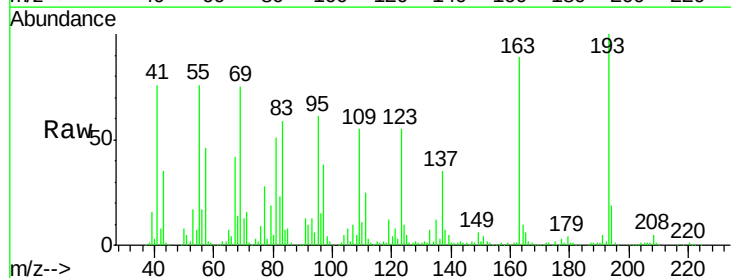


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

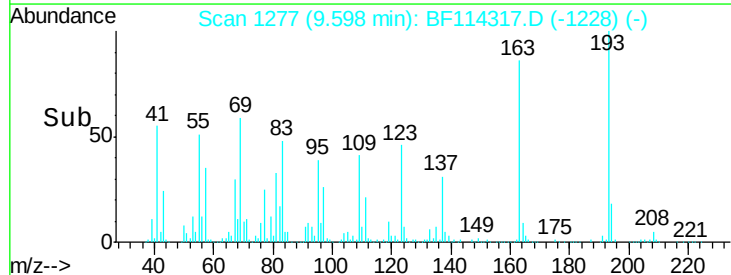
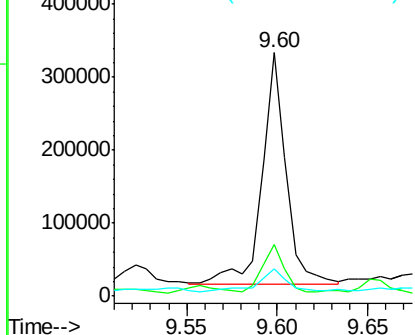


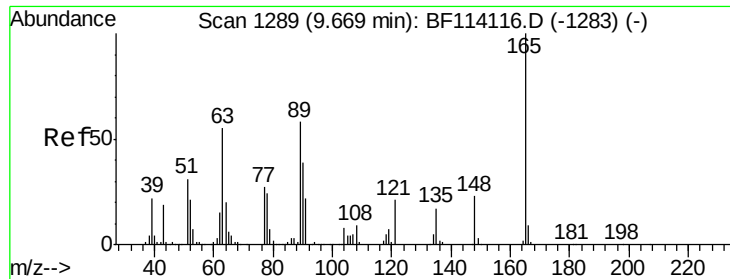
#50
Dimethylphthalate
Concen: 12.657 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Tgt Ion:163 Resp: 293411
Ion Ratio Lower Upper
163 100
194 21.3 3.4 5.0#
164 11.3 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

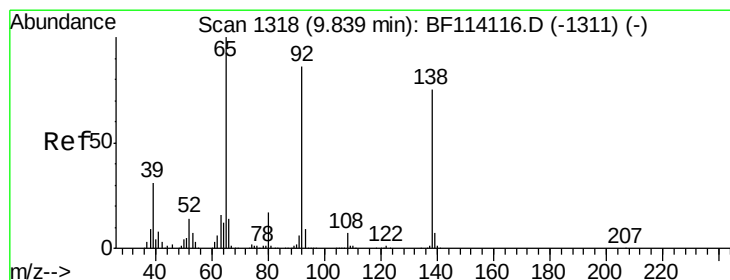
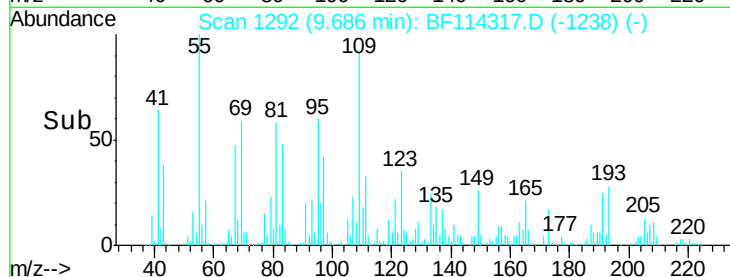
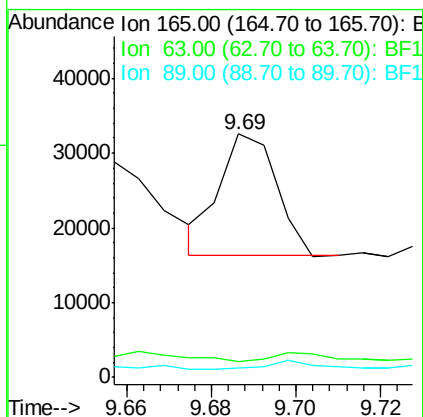
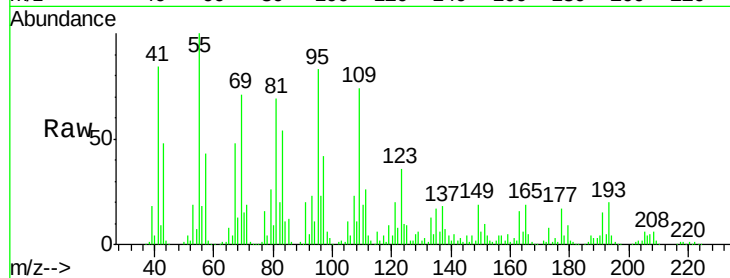




#51
 2,6-Dinitrotoluene
 Concen: 2.953 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. 0.02 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

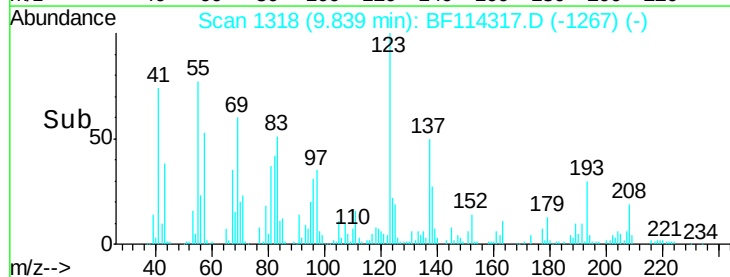
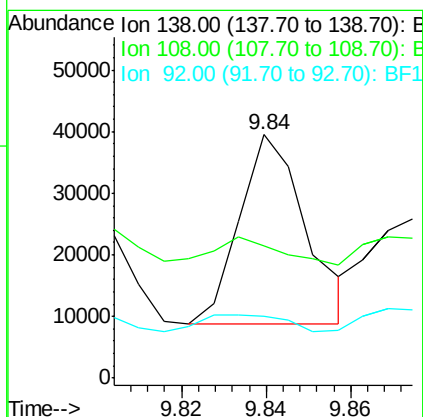
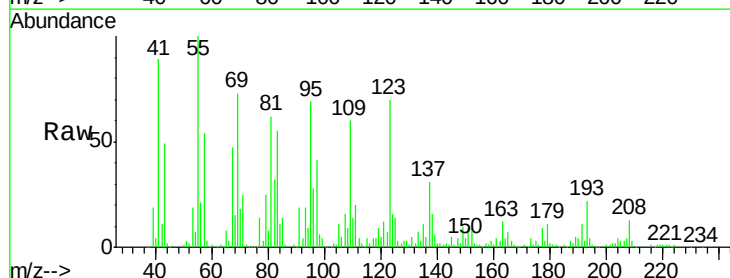
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1

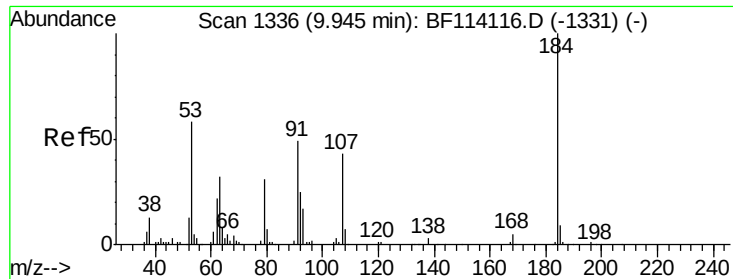
Tot Ion:165 Resp: 15182
 Ion Ratio Lower Upper
 165 100
 63 6.4 50.2 75.4#
 89 3.6 46.6 69.8#



#53
 3-Nitroaniline
 Concen: 5.246 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

Tgt Ion:138 Resp: 33481
 Ion Ratio Lower Upper
 138 100
 108 54.6 7.8 11.6#
 92 25.2 91.2 136.8#

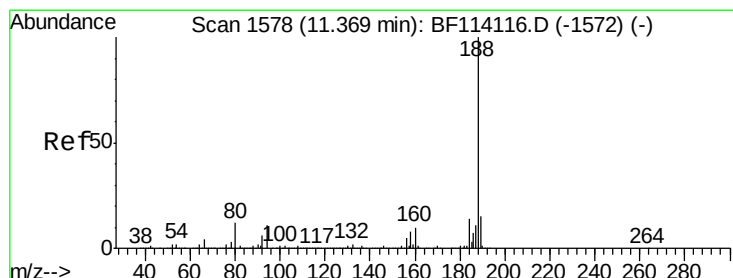
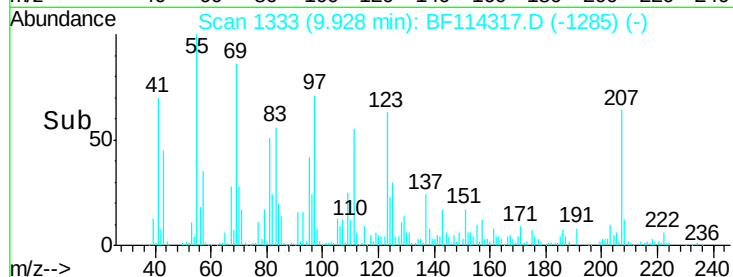
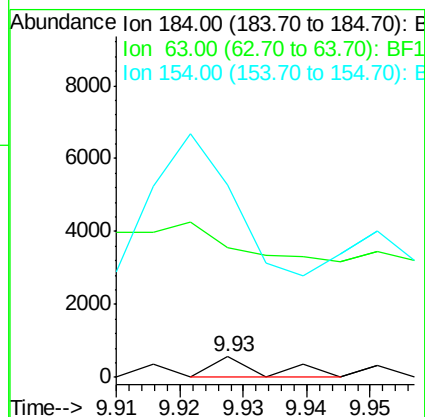
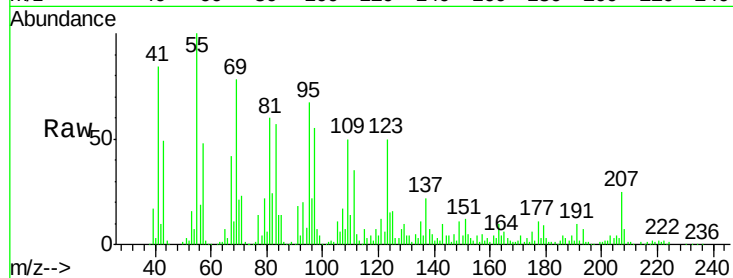




#54
 2,4-Dinitrophenol
 Concen: 6.863 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

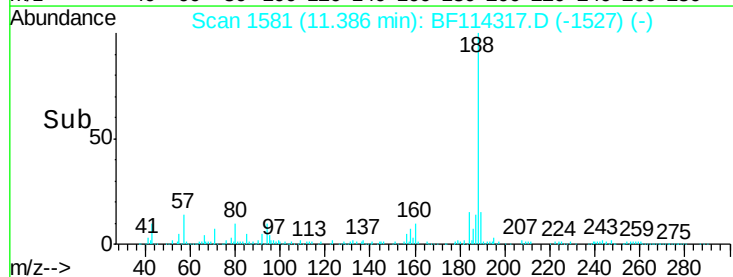
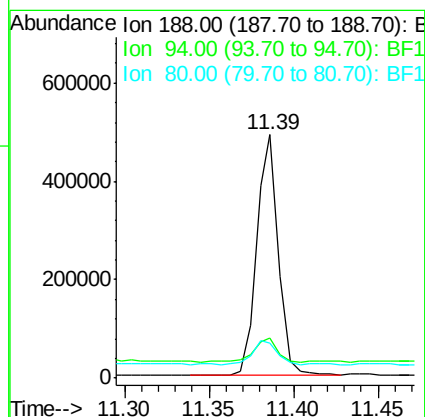
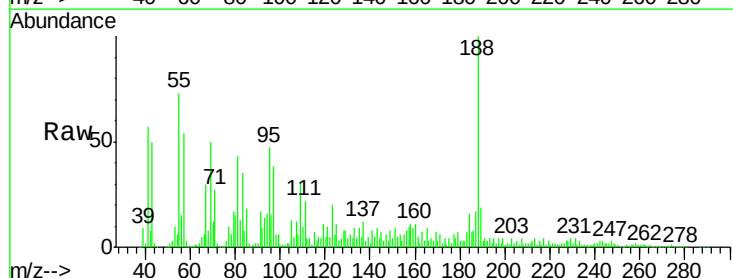
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1

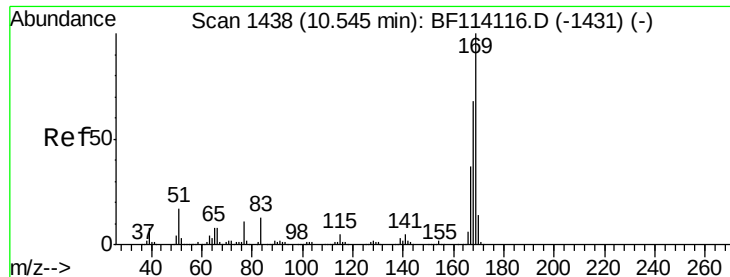
Tot Ion:184 Resp: 333
 Ion Ratio Lower Upper
 184 100
 63 633.5 55.6 83.4#
 154 938.8 46.0 69.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. 0.02 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

Tgt Ion:188 Resp: 438058
 Ion Ratio Lower Upper
 188 100
 94 16.3 8.4 12.6#
 80 14.6 9.2 13.8#

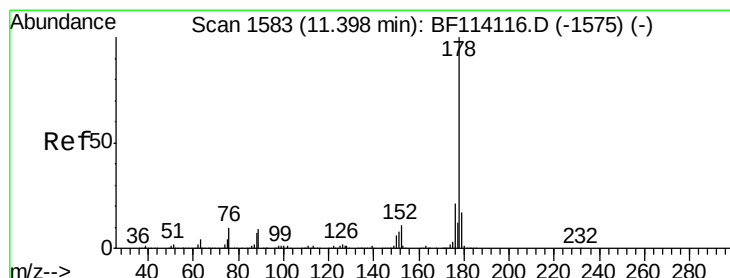
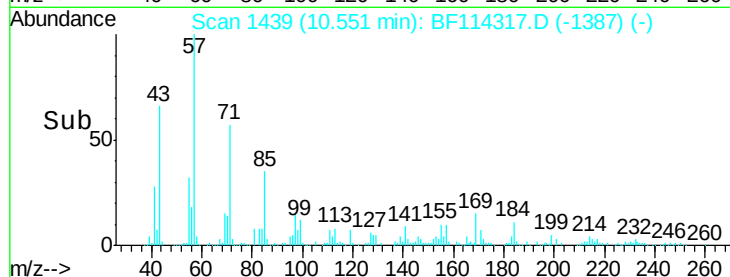
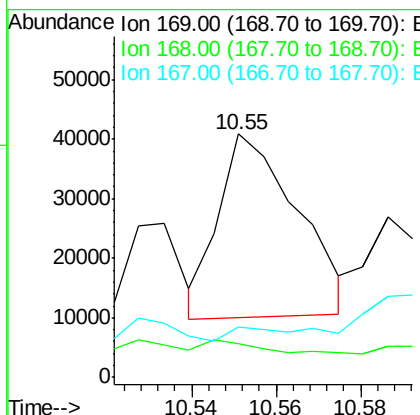
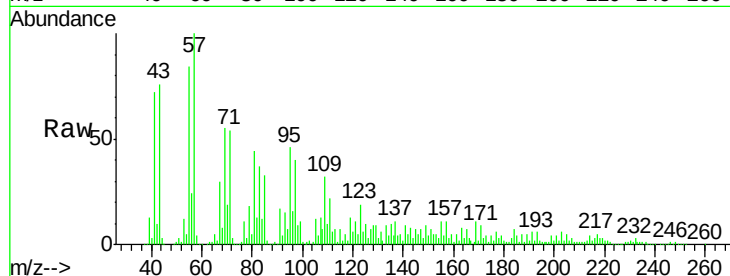




#66
 n-Nitrosodiphenylamine
 Concen: 3.013 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

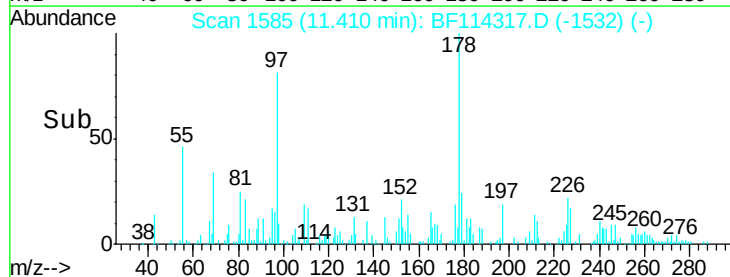
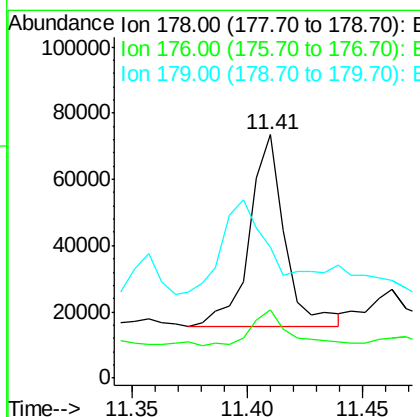
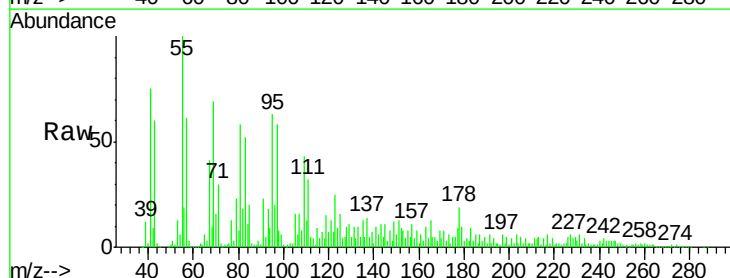
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1

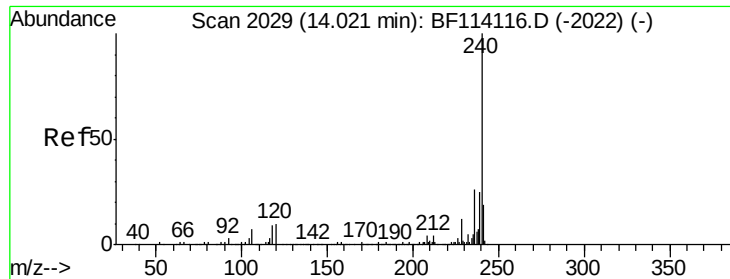
Tot Ion:169 Resp: 40054
 Ion Ratio Lower Upper
 169 100
 168 14.0 54.2 81.2#
 167 20.4 29.8 44.8#



#71
 Phenanthrene
 Concen: 2.921 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF114317.D
 Acq: 16 May 2019 18:54

Tgt Ion:178 Resp: 62244
 Ion Ratio Lower Upper
 178 100
 176 28.2 16.4 24.6#
 179 54.0 13.2 19.8#

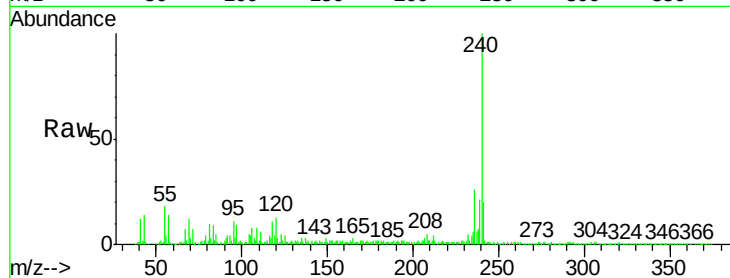




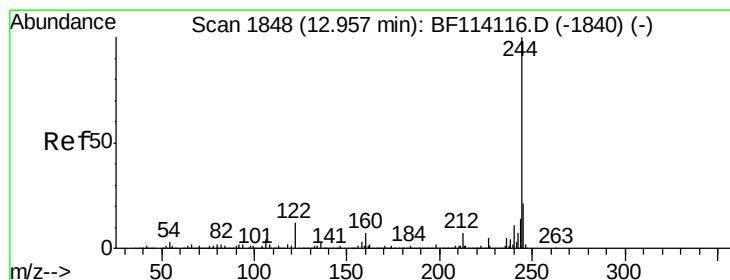
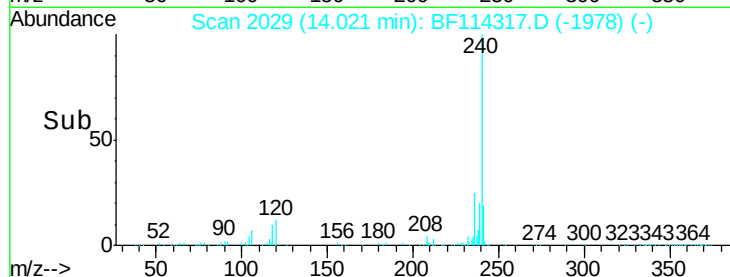
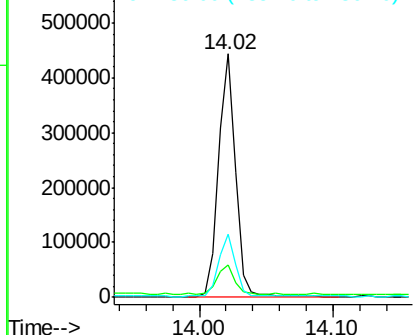
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

Tot Ion:240 Resp: 400235
Ion Ratio Lower Upper
240 100
120 13.4 8.3 12.5#
236 25.9 20.8 31.2

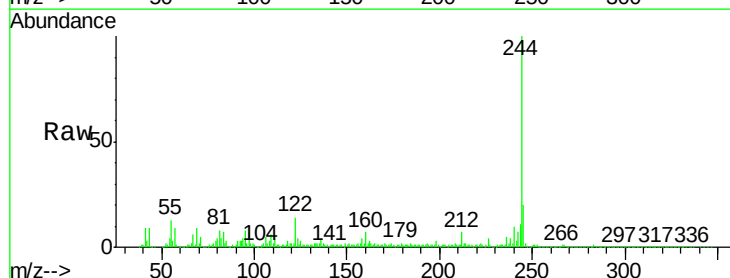


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

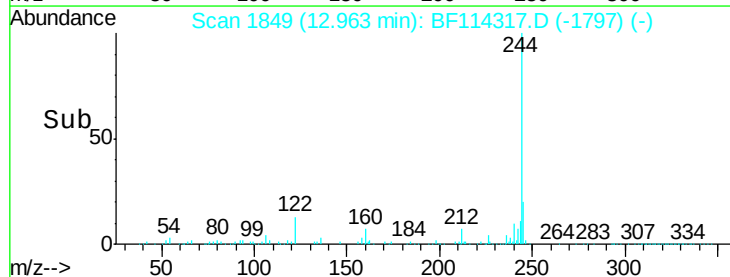
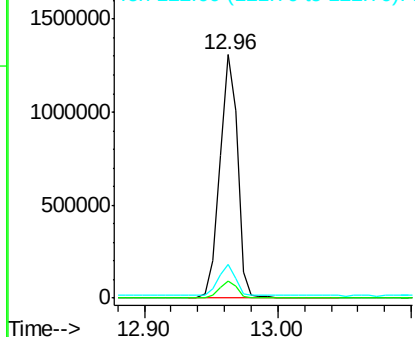


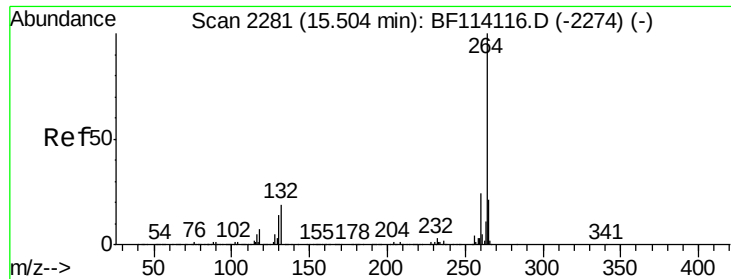
#79
Terphenyl-d14
Concen: 63.114 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Tgt Ion:244 Resp: 1225382
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 13.8 9.4 14.2



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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114317.D
Acq: 16 May 2019 18:54

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.7	16.9	25.3

