

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112250.D
 Acq On : 25 Jan 2019 23:40
 Operator : JU/SJ
 Sample : K1003-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Quant Time: Jan 27 23:44:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	178992	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	707630	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	346199	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	630039	20.00	ng	0.00
76) Chrysene-d12	14.00	240	378393	20.00	ng	-0.01
87) Perylene-d12	15.47	264	350634	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1112390	132.01	ng	0.01
7) Phenol-d6	6.49	99	1293908	110.50	ng	-0.02
23) Nitrobenzene-d5	7.41	82	994245	80.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	458325	113.74	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1961619	80.14	ng	-0.01
79) Terphenyl-d14	12.94	244	1772800	88.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	166405	49.571	ng	# 82
3) Pyridine	3.50	79	388703	45.520	ng	97
4) n-Nitrosodimethylamine	3.42	42	208131	58.014	ng	98
6) Aniline	6.51	93	114645	8.230	ng	# 1
8) 2-Chlorophenol	6.64	128	478010	42.166	ng	99
9) Benzaldehyde	6.39	77	89450	14.615	ng	96
10) Phenol	6.50	94	450992	35.106	ng	83
11) bis(2-Chloroethyl)ether	6.58	93	429930	42.508	ng	97
12) 1,3-Dichlorobenzene	6.79	146	508172	38.491	ng	100
13) 1,4-Dichlorobenzene	6.86	146	517155	38.062	ng	99
14) 1,2-Dichlorobenzene	7.02	146	491974	38.673	ng	97
15) Benzyl Alcohol	6.99	79	400983	40.623	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	524821	40.414	ng	56
17) 2-Methylphenol	7.11	107	368007	40.951	ng	# 91
18) Hexachloroethane	7.35	117	180639	37.860	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	327102	40.512	ng	98
20) 3+4-Methylphenols	7.26	107	474728	41.311	ng	# 68
22) Acetophenone	7.25	105	659549	38.277	ng	96
24) Nitrobenzene	7.43	77	496599	40.488	ng	95
25) Isophorone	7.66	82	879048	45.626	ng	99
26) 2-Nitrophenol	7.75	139	266246	40.619	ng	97
27) 2,4-Dimethylphenol	7.79	122	410328	45.436	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	555875	42.373	ng	99
29) 2,4-Dichlorophenol	7.99	162	416892	41.251	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	455370	39.200	ng	100
31) Naphthalene	8.15	128	1405856	42.483	ng	99
32) Benzoic acid	7.93	122	195993	38.047	ng	96
33) 4-Chloroaniline	8.20	127	87473	6.071	ng	99
34) Hexachlorobutadiene	8.26	225	249099	36.542	ng	99
35) Caprolactam	8.60	113	31355	8.795	ng	94
36) 4-Chloro-3-methylphenol	8.69	107	416819	38.960	ng	98
37) 2-Methylnaphthalene	8.84	142	996954	44.008	ng	97
38) 1-Methylnaphthalene	8.94	142	929845	42.823	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	451536	39.724	ng	99

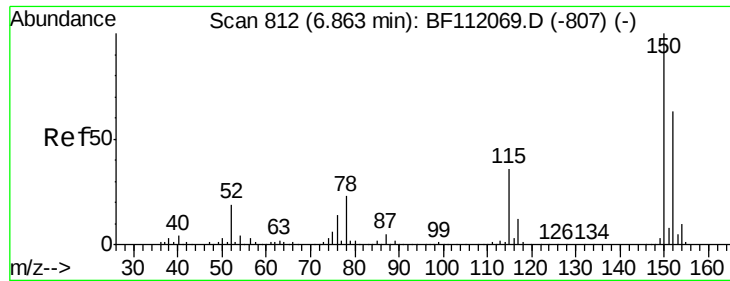
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112250.D
 Acq On : 25 Jan 2019 23:40
 Operator : JU/SJ
 Sample : K1003-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Quant Time: Jan 27 23:44:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 16:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	236975	57.978	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	284563	40.613	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	296880	40.541	ng	99
46) 1,1'-Biphenyl	9.30	154	1195086	39.486	ng	98
47) 2-Chloronaphthalene	9.33	162	918591	39.138	ng	96
48) 2-Nitroaniline	9.43	65	245711	38.410	ng	98
49) Acenaphthylene	9.75	152	1452250	42.216	ng	99
50) Dimethylphthalate	9.60	163	1087475	40.430	ng	99
51) 2,6-Dinitrotoluene	9.66	165	239176	39.703	ng #	83
52) Acenaphthene	9.92	154	829899	40.385	ng	99
53) 3-Nitroaniline	9.83	138	71344	10.932	ng #	98
54) 2,4-Dinitrophenol	9.95	184	101342	52.419	ng	96
55) Dibenzofuran	10.09	168	1268356	40.389	ng	96
56) 4-Nitrophenol	10.02	139	228830	66.319	ng	92
57) 2,4-Dinitrotoluene	10.07	165	308572	40.236	ng #	90
58) Fluorene	10.43	166	986508	41.979	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.17	232	200479	36.525	ng	98
60) Diethylphthalate	10.30	149	1055194	39.531	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	482166	37.718	ng	90
62) 4-Nitroaniline	10.45	138	205792	32.148	ng	97
63) Azobenzene	10.58	77	921151	39.238	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	99532	28.177	ng	97
66) n-Nitrosodiphenylamine	10.54	169	866612	40.812	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	293908	39.663	ng	93
68) Hexachlorobenzene	10.99	284	321707	40.465	ng #	92
69) Atrazine	11.06	200	292268	42.657	ng	96
70) Pentachlorophenol	11.18	266	215079	69.527	ng	99
71) Phenanthrene	11.39	178	1349528	41.201	ng	99
72) Anthracene	11.44	178	1403905	43.028	ng	99
73) Carbazole	11.60	167	1197063	37.193	ng	99
74) Di-n-butylphthalate	11.92	149	1583338	39.634	ng	99
75) Fluoranthene	12.58	202	1290014	36.720	ng	97
77) Benzidine	12.69	184	155224	14.904	ng	97
78) Pyrene	12.81	202	1242002	47.409	ng	99
80) Butylbenzylphthalate	13.42	149	584714	46.131	ng	97
81) Benzo(a)anthracene	13.99	228	936015	42.080	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	82225	9.877	ng	95
83) Chrysene	14.03	228	867916	40.876	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	797061	44.301	ng	99
85) Di-n-octyl phthalate	14.58	149	1183036	42.738	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	869643	51.689	ng	97
88) Benzo(b)fluoranthene	15.04	252	885195	42.213	ng	99
89) Benzo(k)fluoranthene	15.07	252	778399	38.754	ng	99
90) Benzo(a)pyrene	15.41	252	820948	43.510	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	732113	48.144	ng	99
92) Benzo(g,h,i)perylene	17.39	276	707926	49.344	ng	95

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

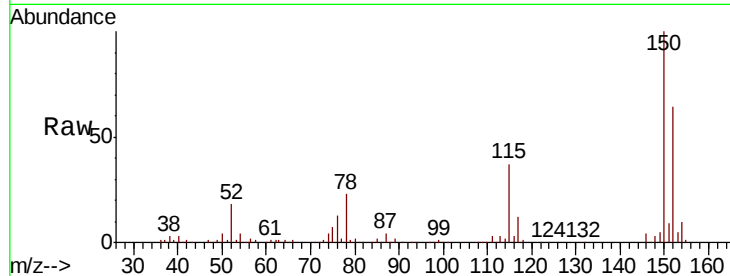


#1

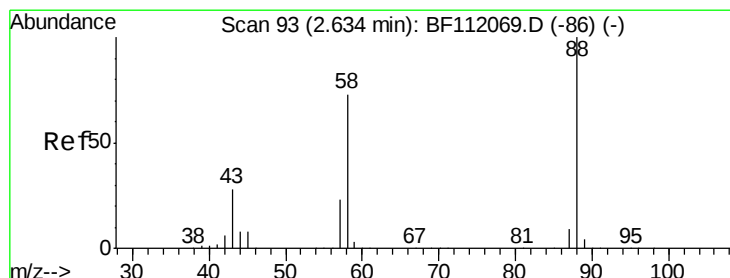
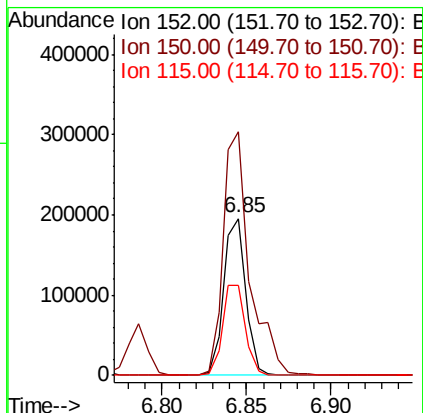
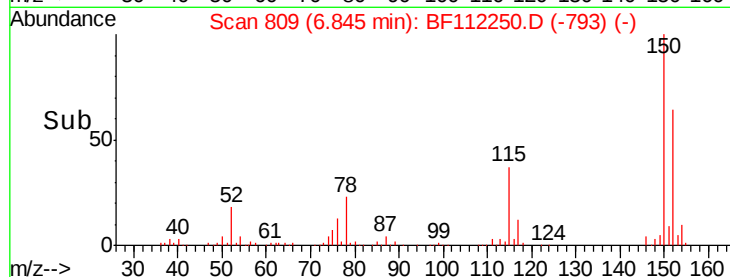
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion:152 Resp: 178992
Ion Ratio Lower Upper
152 100
150 155.5 127.4 191.0
115 57.4 45.5 68.3



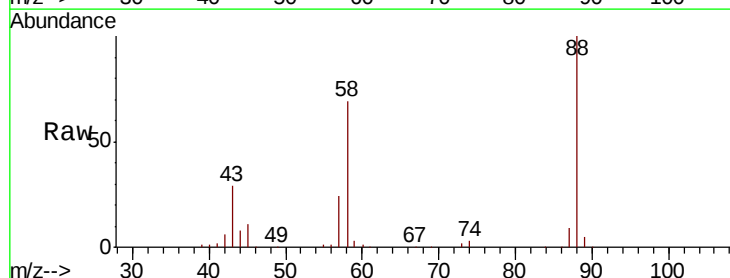
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



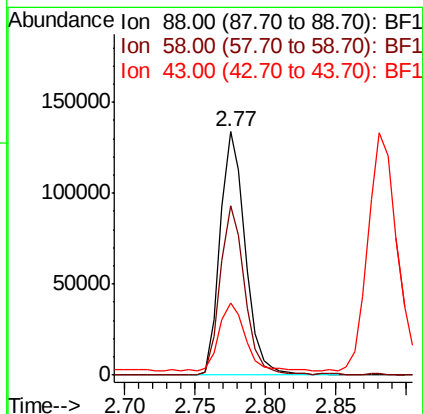
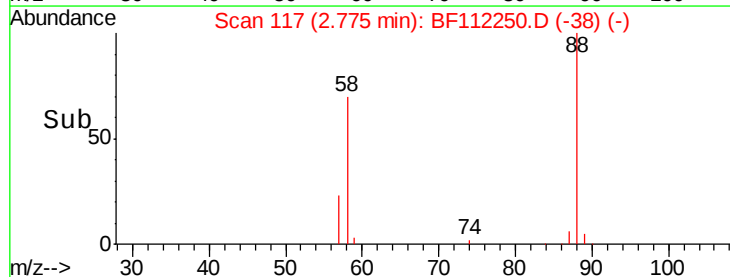
#2

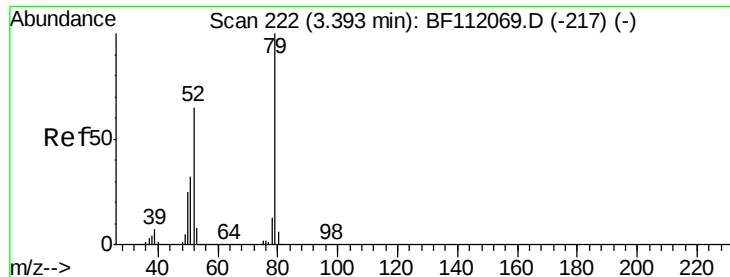
1,4-Dioxane
Concen: 49.571 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.16 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion: 88 Resp: 166405
Ion Ratio Lower Upper
88 100
58 68.6 57.4 86.2
43 0.0 22.2 33.4#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 45.520 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.13 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

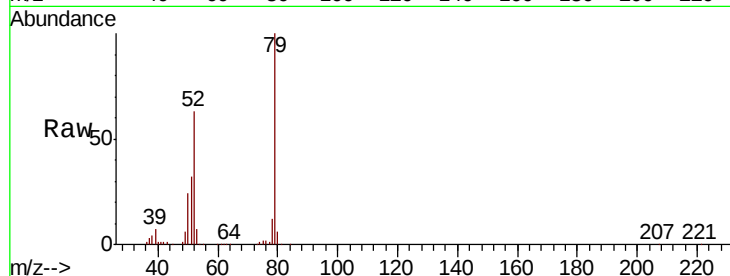
Tgt Ion: 79 Resp: 388703

Ion Ratio Lower Upper

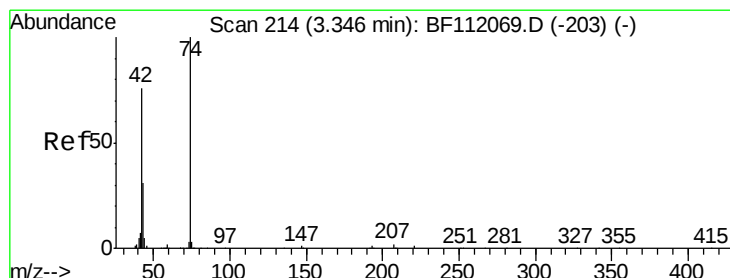
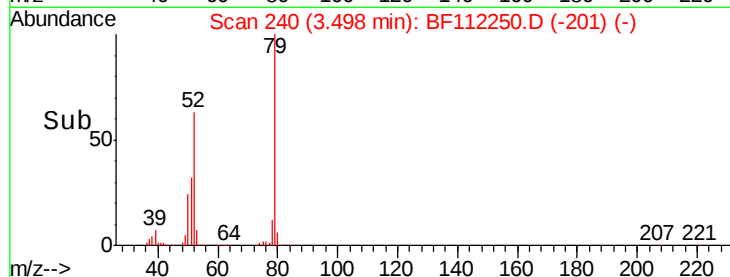
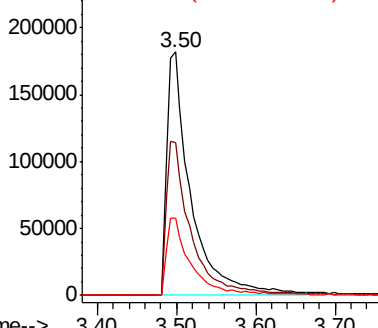
79 100

52 62.6 52.4 78.6

51 31.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 58.014 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.08 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

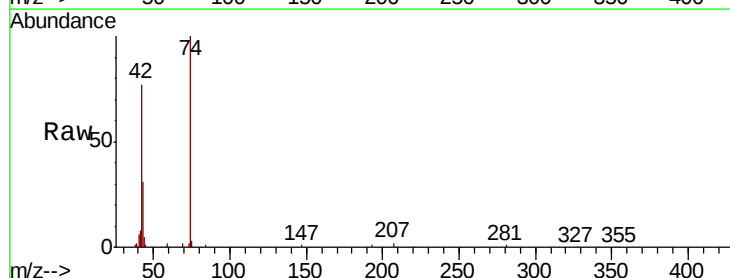
Tgt Ion: 42 Resp: 208131

Ion Ratio Lower Upper

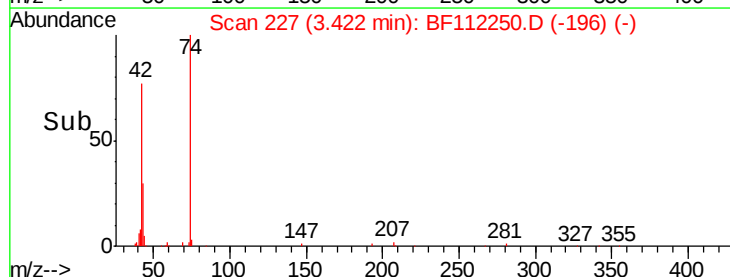
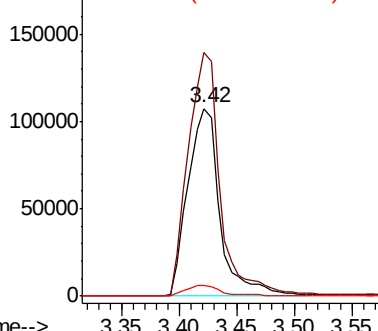
42 100

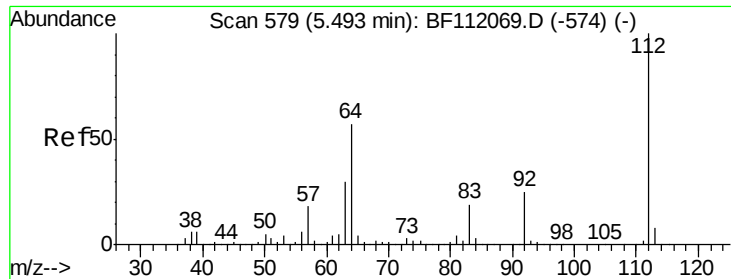
74 129.6 105.6 158.4

44 6.0 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 132.005 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

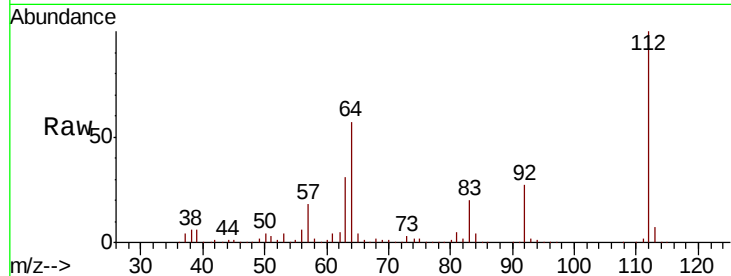
Tgt Ion: 112 Resp: 1112390

Ion Ratio Lower Upper

112 100

64 57.0 45.7 68.5

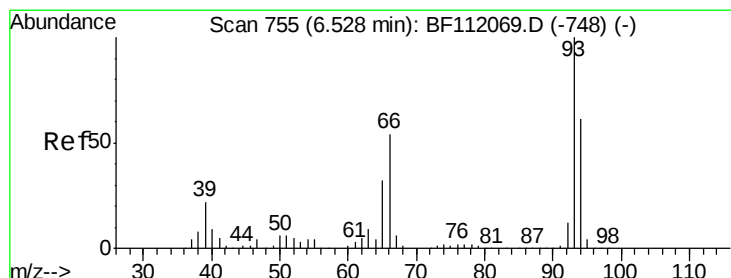
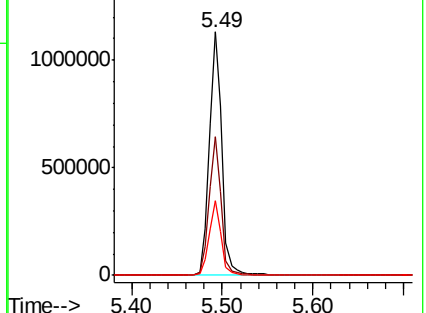
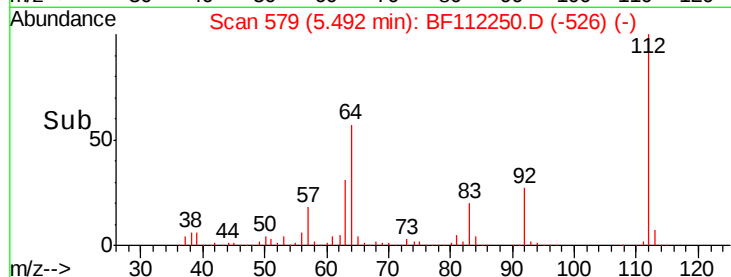
63 30.7 23.6 35.4



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.230 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

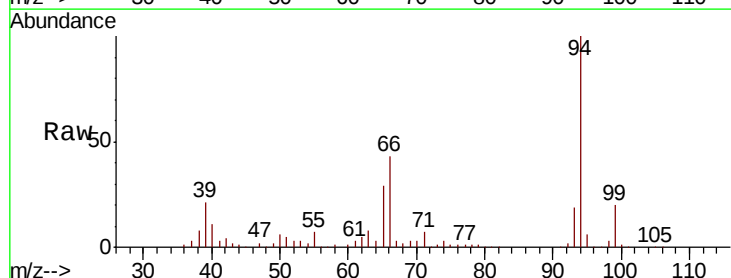
Tgt Ion: 93 Resp: 114645

Ion Ratio Lower Upper

93 100

66 228.2 43.4 65.2#

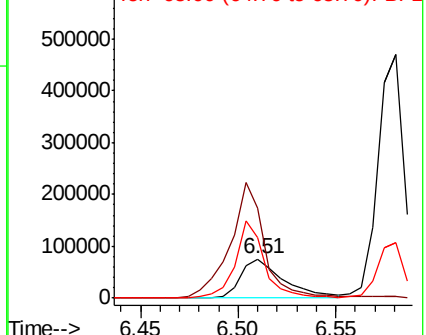
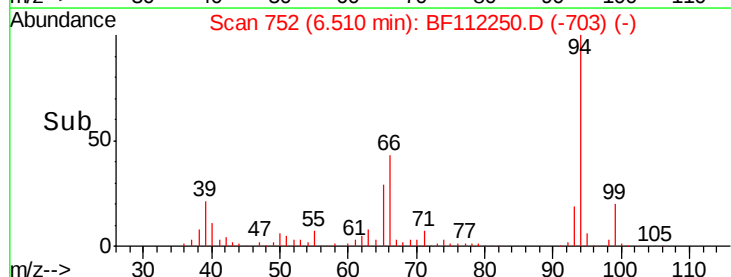
65 153.9 25.3 37.9#

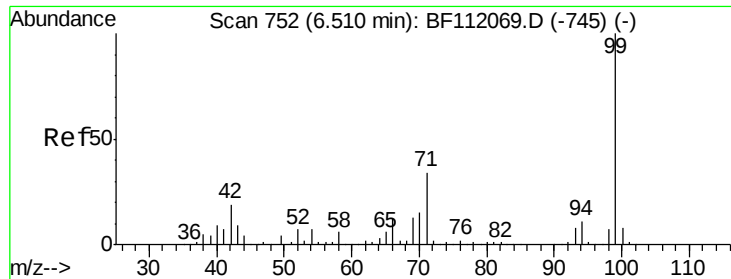


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.500 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

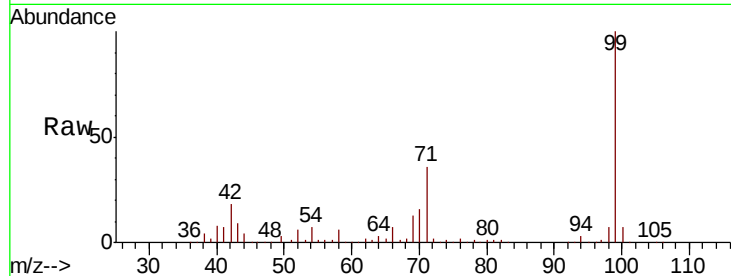
Tgt Ion: 99 Resp: 1293908

Ion Ratio Lower Upper

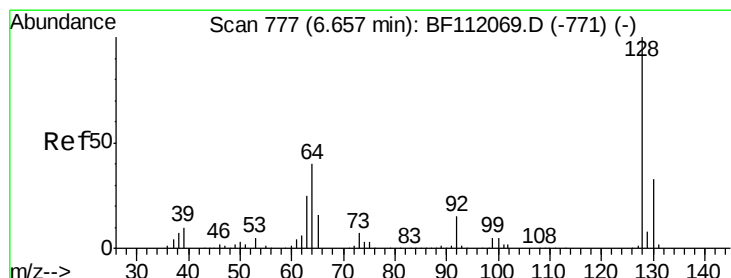
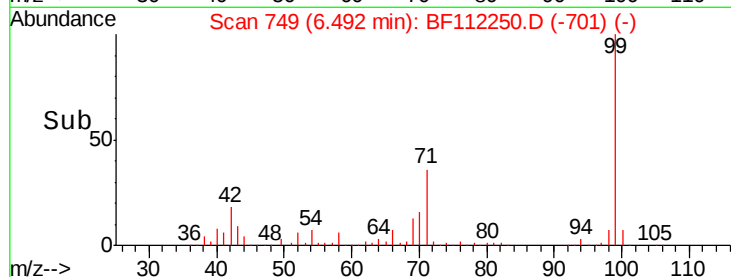
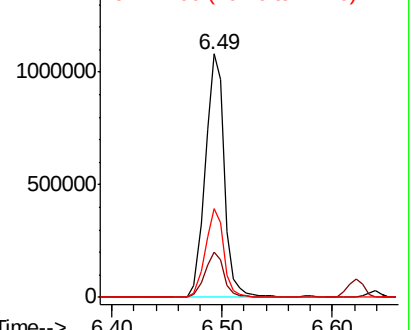
99 100

42 18.3 15.1 22.7

71 36.3 26.9 40.3



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



#8

2-Chlorophenol

Concen: 42.166 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

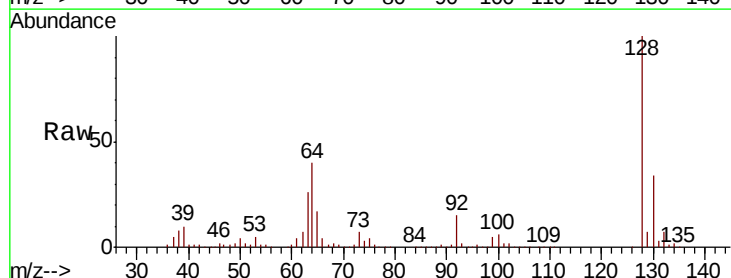
Tgt Ion: 128 Resp: 478010

Ion Ratio Lower Upper

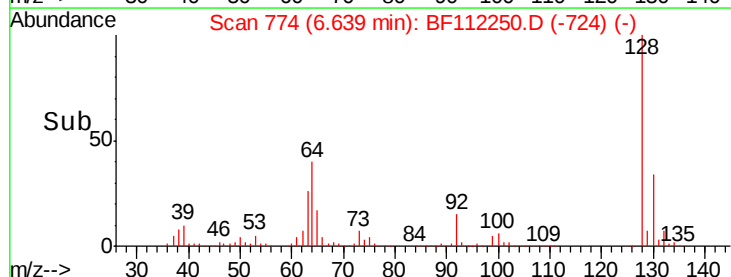
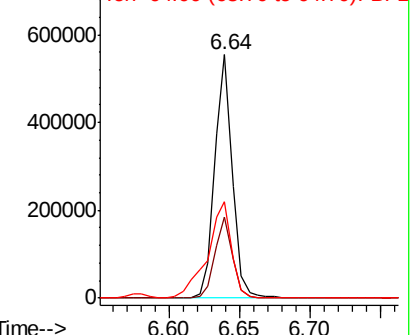
128 100

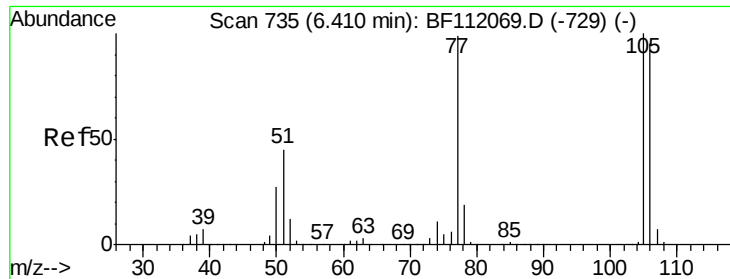
130 33.5 13.4 53.4

64 39.7 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

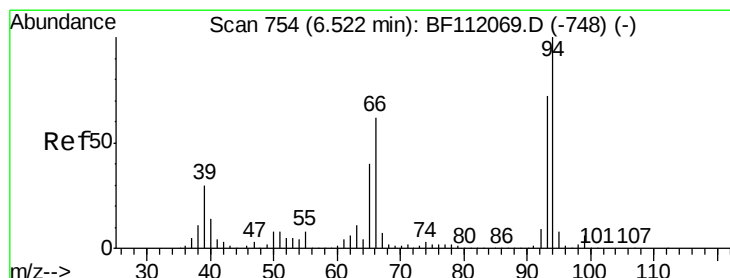
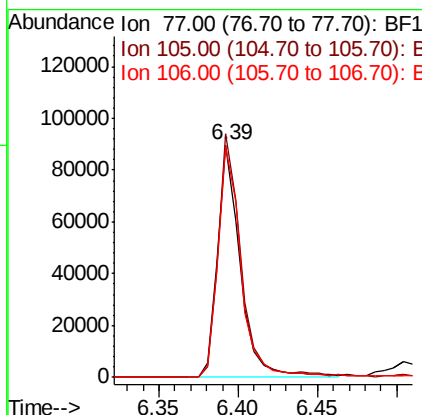
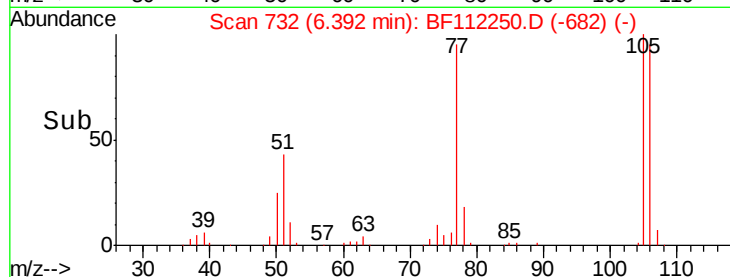
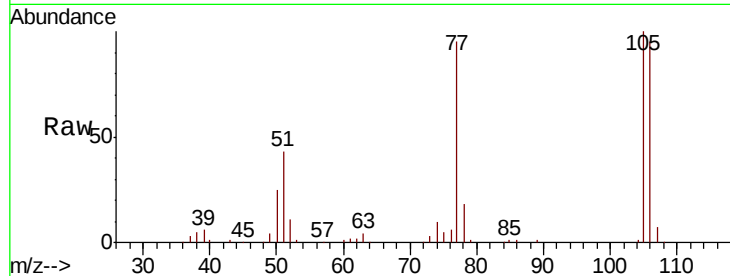




#9
Benzaldehyde
Concen: 14.615 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

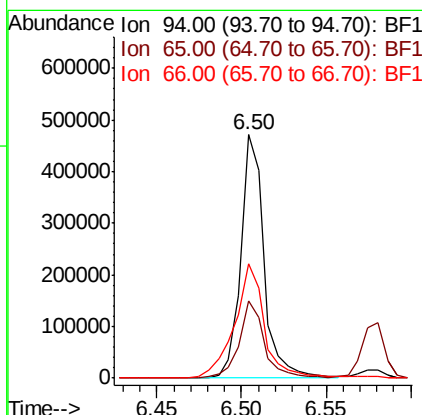
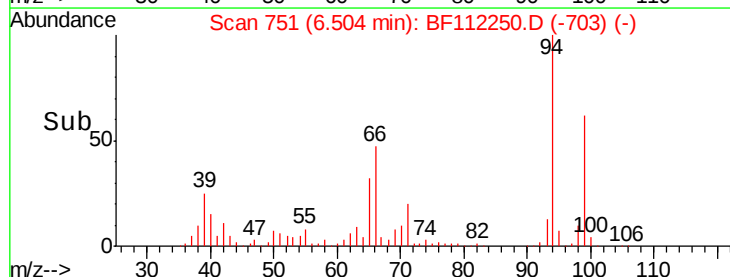
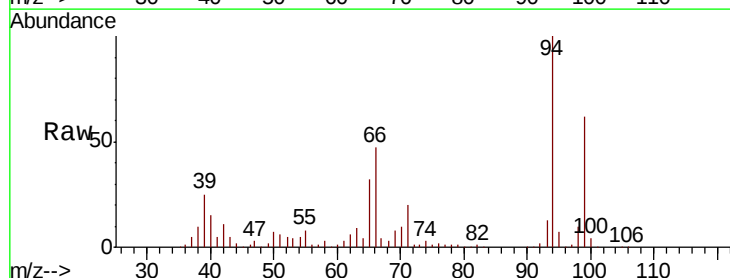
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

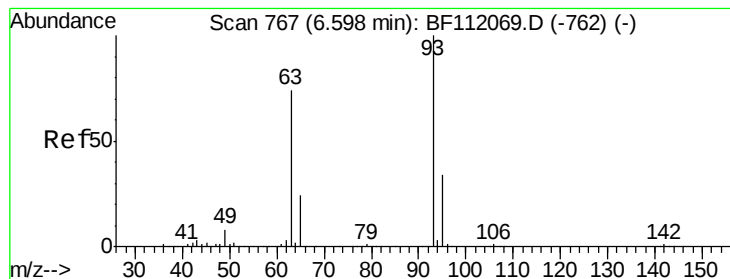
Tgt Ion: 77 Resp: 89450
Ion Ratio Lower Upper
77 100
105 104.8 80.8 120.8
106 99.2 75.7 115.7



#10
Phenol
Concen: 35.106 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.02 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion: 94 Resp: 450992
Ion Ratio Lower Upper
94 100
65 31.7 20.3 60.3
66 47.1 42.4 82.4





#11

bis(2-Chloroethyl)ether

Concen: 42.508 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

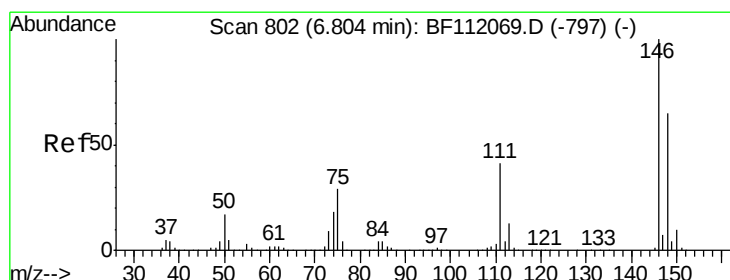
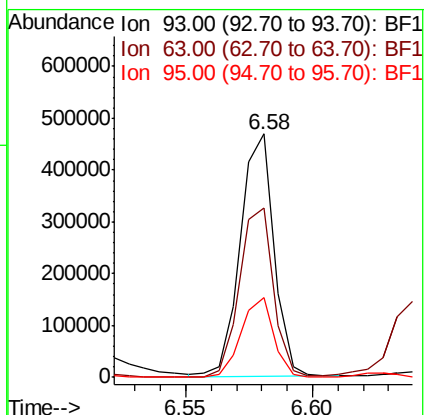
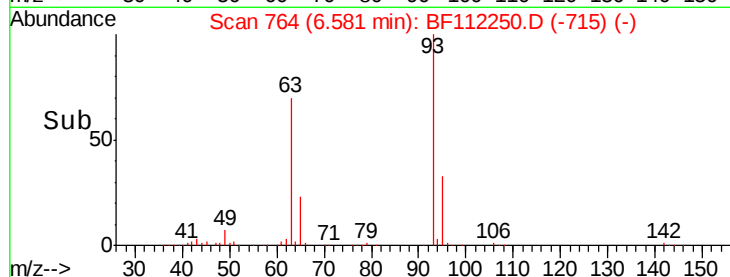
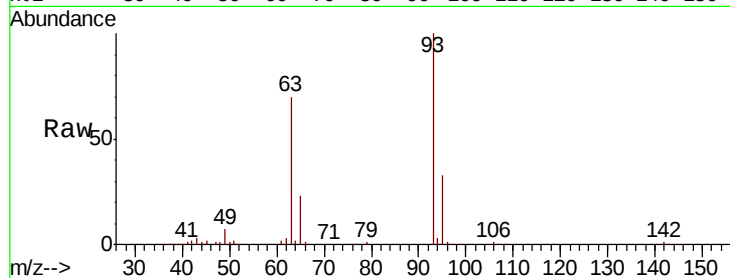
Tgt Ion: 93 Resp: 429930

Ion Ratio Lower Upper

93 100

63 69.5 53.3 93.3

95 32.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 38.491 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

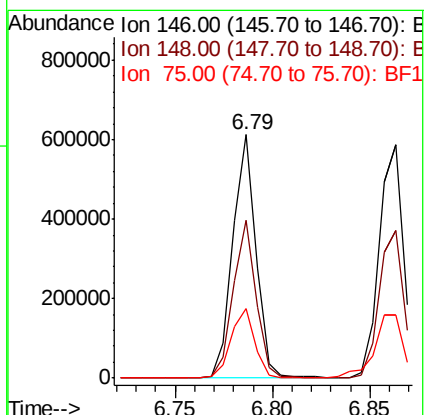
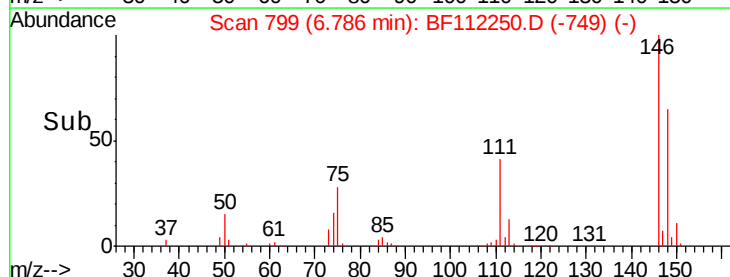
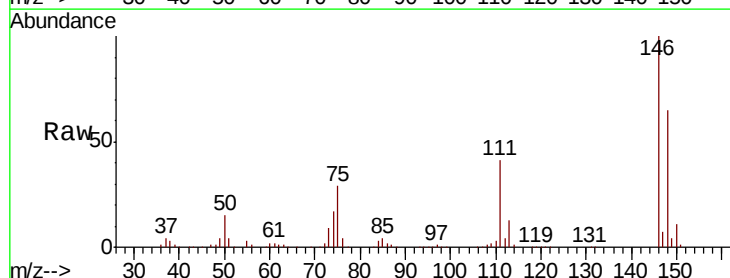
Tgt Ion: 146 Resp: 508172

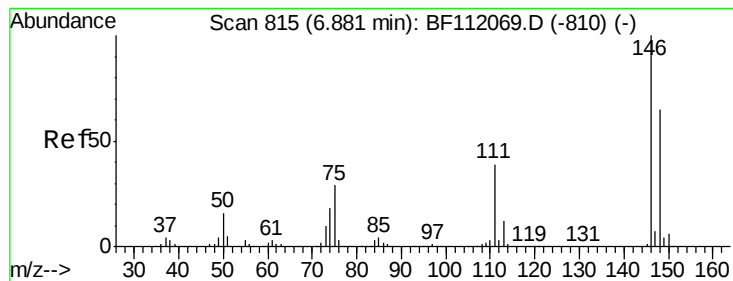
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.8

75 28.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 38.062 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

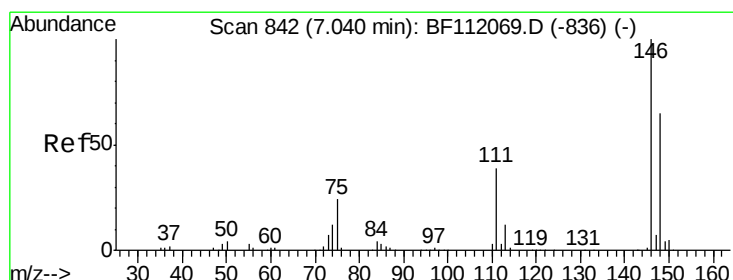
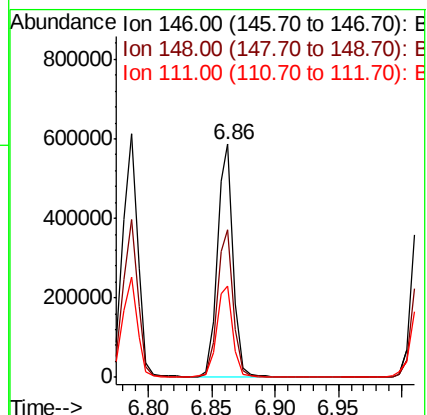
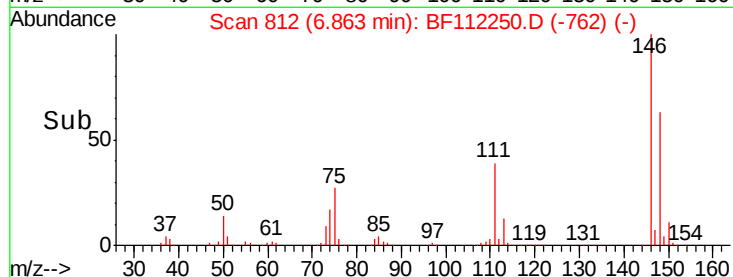
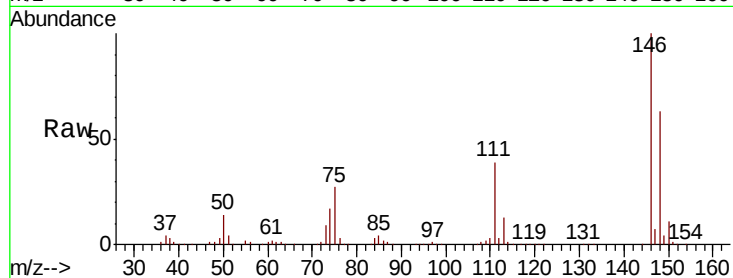
Tgt Ion:146 Resp: 517155

Ion Ratio Lower Upper

146 100

148 63.3 52.0 78.0

111 39.2 31.2 46.8



#14

1,2-Dichlorobenzene

Concen: 38.673 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

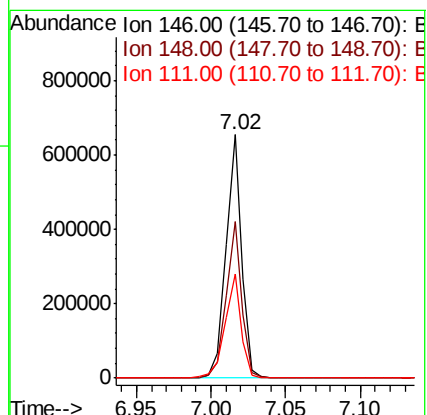
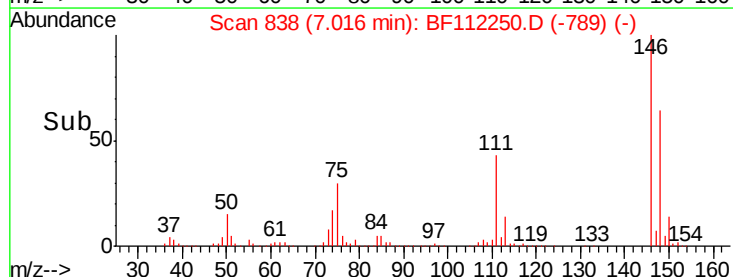
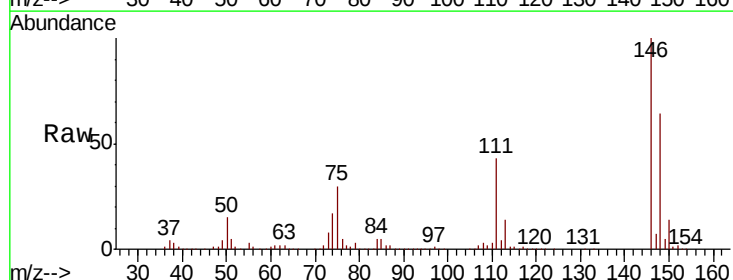
Tgt Ion:146 Resp: 491974

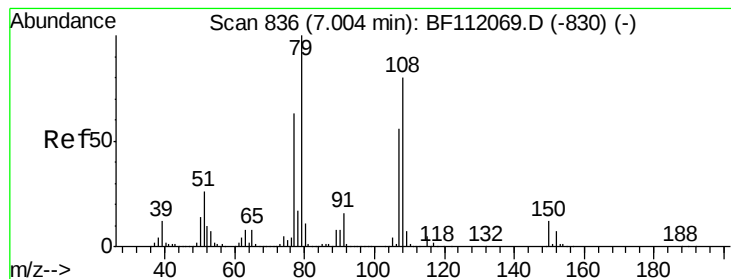
Ion Ratio Lower Upper

146 100

148 64.3 52.2 78.4

111 42.9 31.2 46.8





#15

Benzyl Alcohol

Concen: 40.623 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

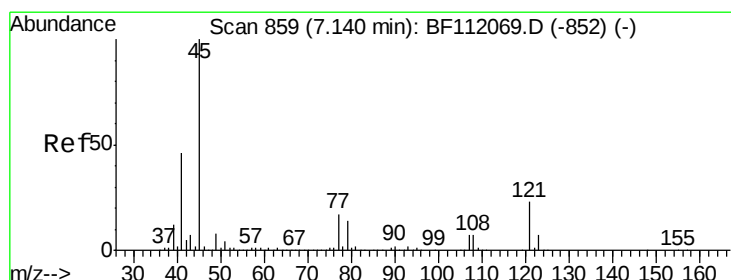
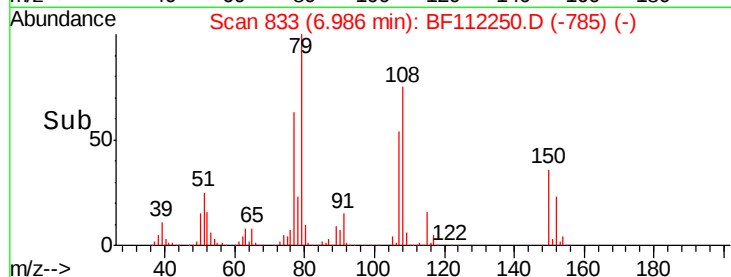
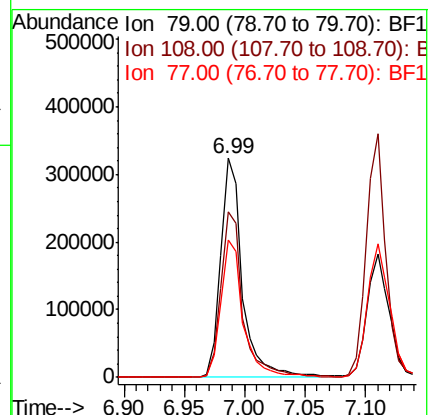
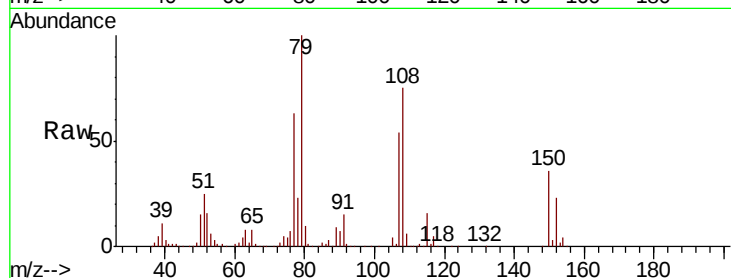
Tgt Ion: 79 Resp: 400983

Ion Ratio Lower Upper

79 100

108 75.4 64.2 96.2

77 62.8 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.414 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

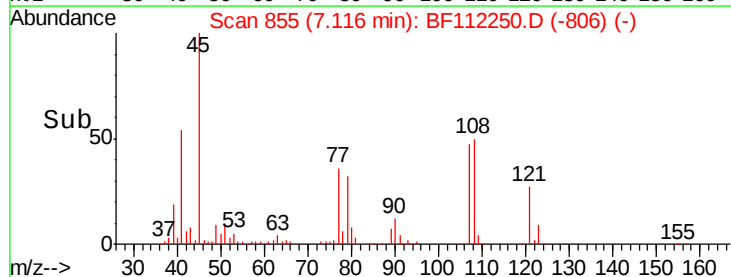
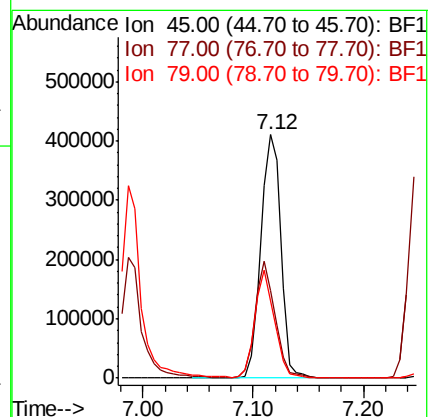
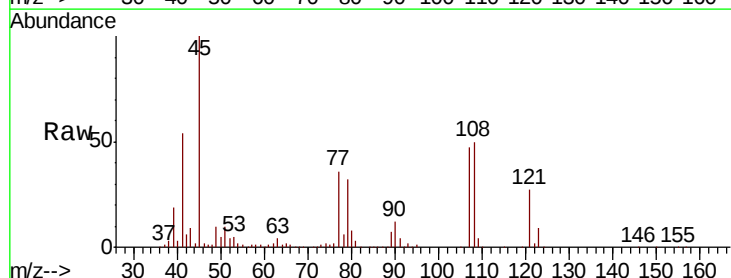
Tgt Ion: 45 Resp: 524821

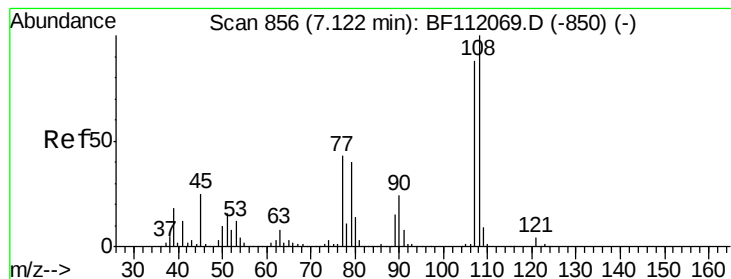
Ion Ratio Lower Upper

45 100

77 36.2 0.0 36.9

79 31.9 0.0 34.0

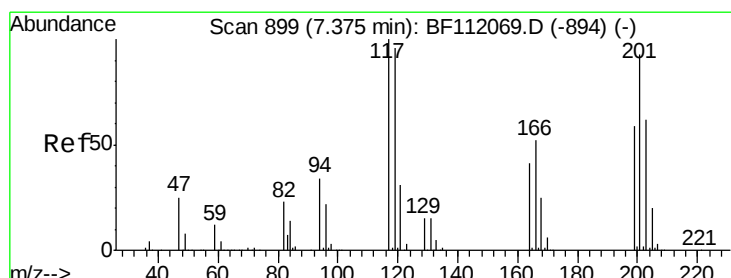
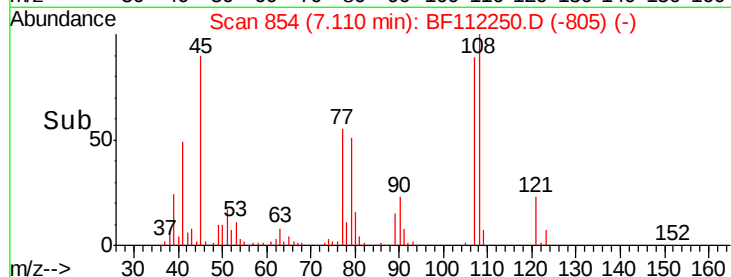
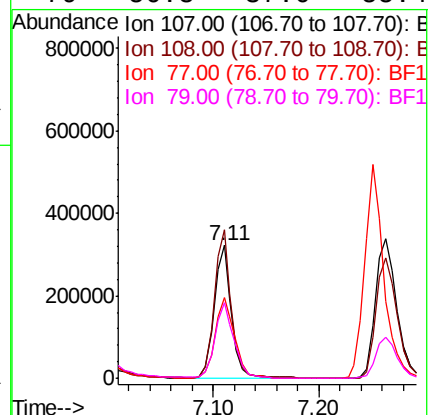
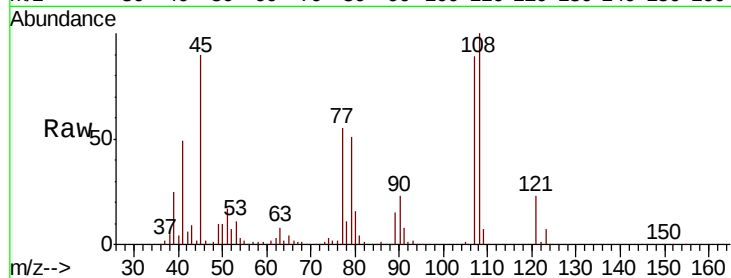




#17
2-Methylphenol
Concen: 40.951 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

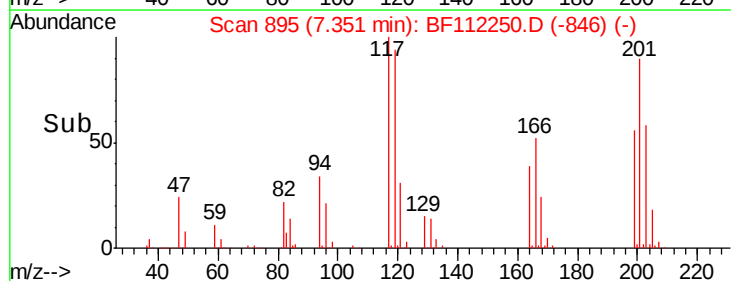
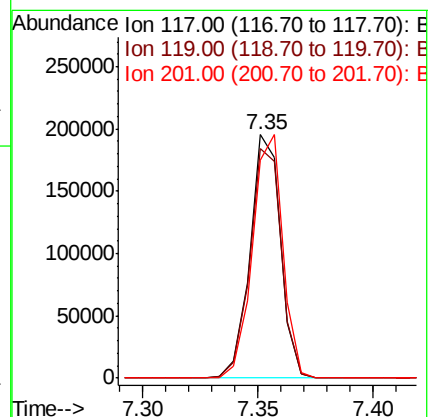
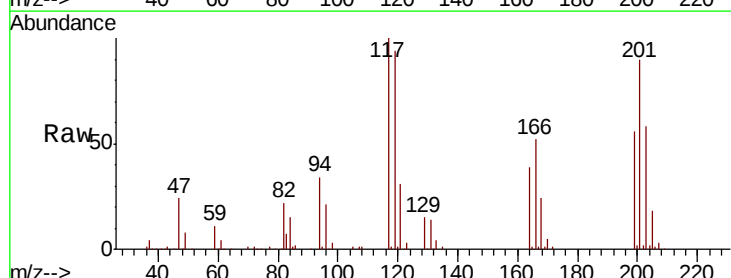
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

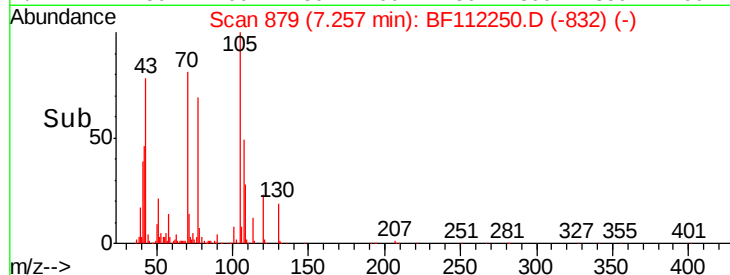
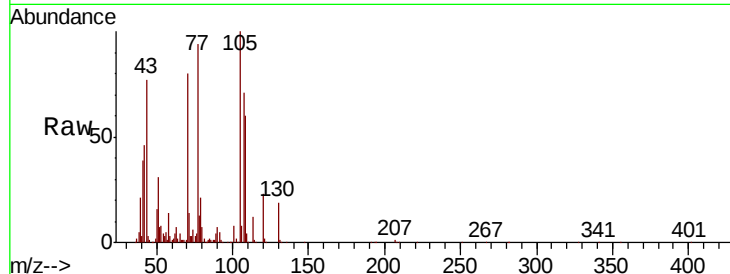
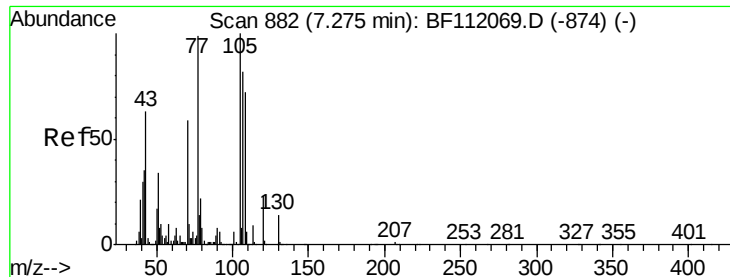
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.8	91.3	136.9
77	61.1	39.0	58.6
79	56.8	37.0	55.4



#18
Hexachloroethane
Concen: 37.860 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.0	115.4
201	89.7	74.1	111.1

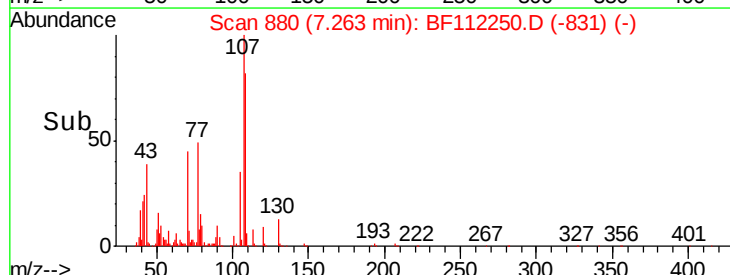
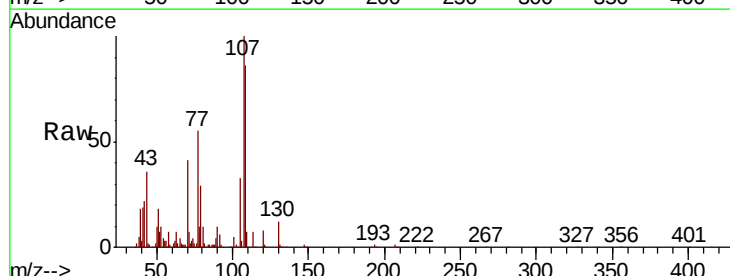
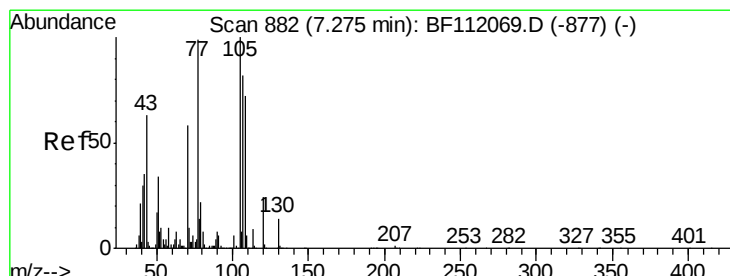
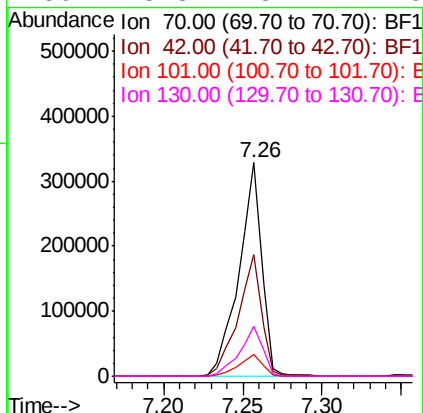




#19
n-Nitroso-di-n-propylamine
Concen: 40.512 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

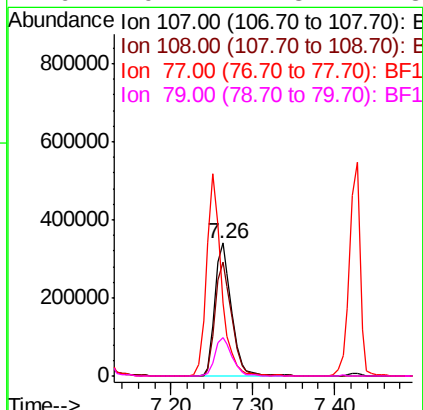
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

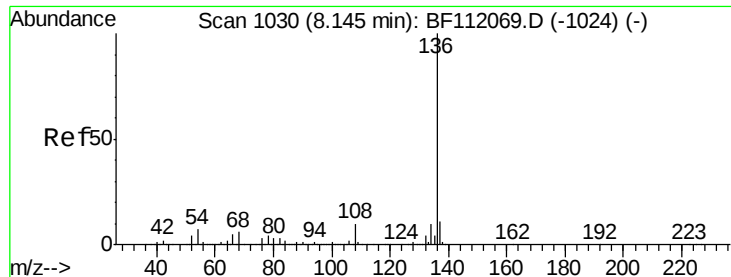
Tgt Ion:	70	Resp:	327102
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.6	71.4
101	10.1	7.9	11.9
130	23.3	18.4	27.6



#20
3+4-Methylphenols
Concen: 41.311 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:	107	Resp:	474728
Ion	Ratio	Lower	Upper
107	100		
108	86.0	68.2	108.2
77	54.7	100.7	140.7
79	29.1	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tgt Ion:136 Resp: 707630

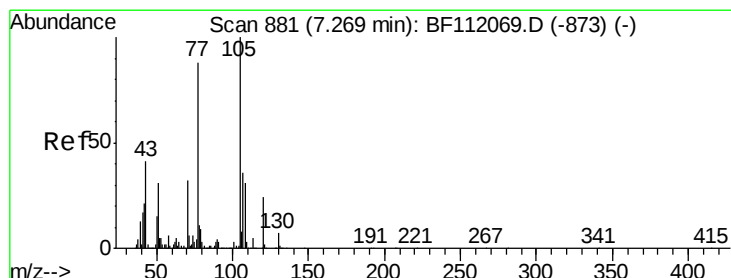
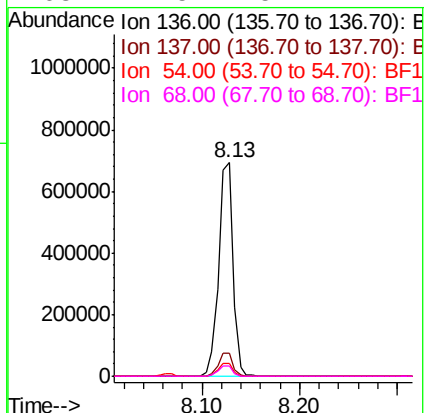
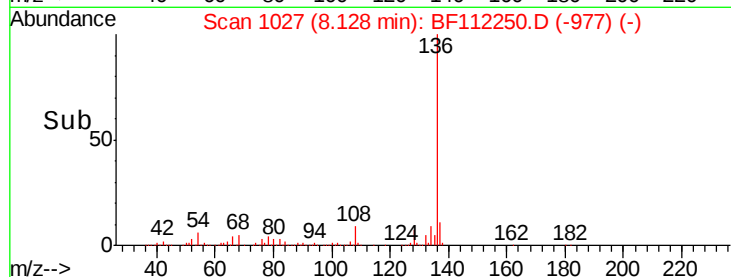
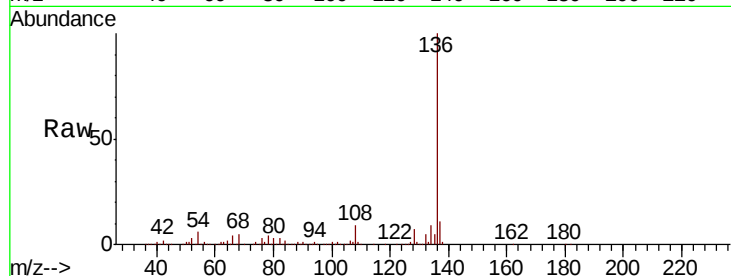
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9#

68 4.5 5.1 7.7#



#22

Acetophenone

Concen: 38.277 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:105 Resp: 659549

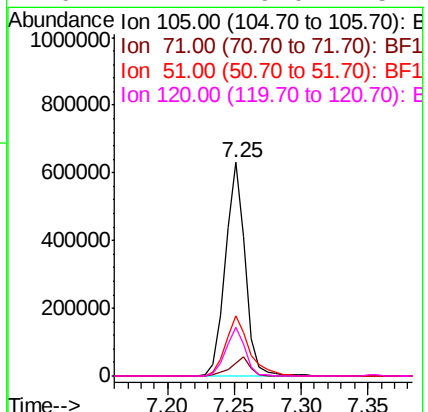
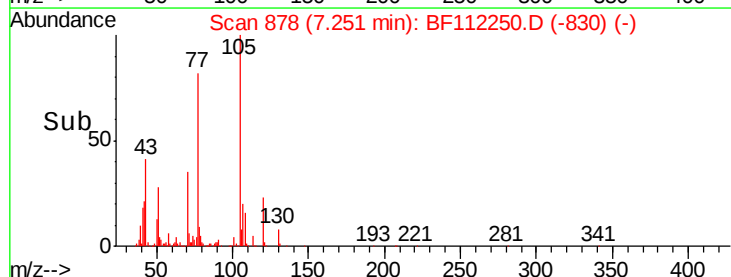
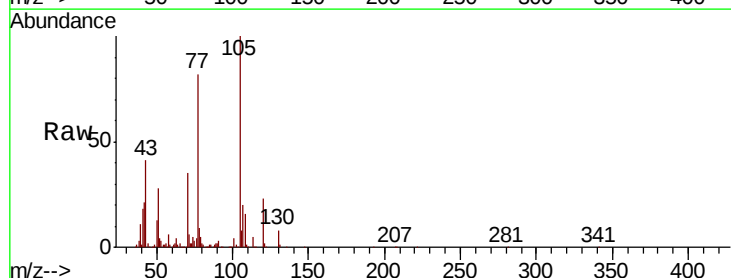
Ion Ratio Lower Upper

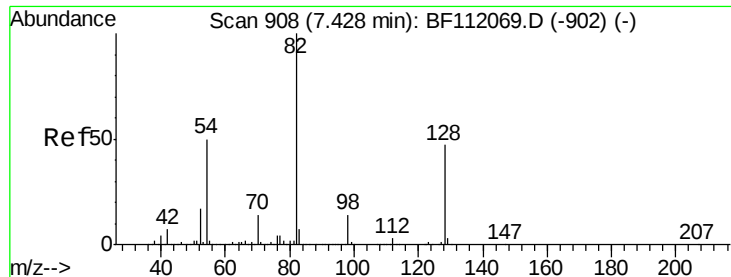
105 100

71 5.7 4.6 6.8

51 28.3 25.0 37.6

120 22.7 19.0 28.4





#23

Nitrobenzene-d5

Concen: 80.958 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

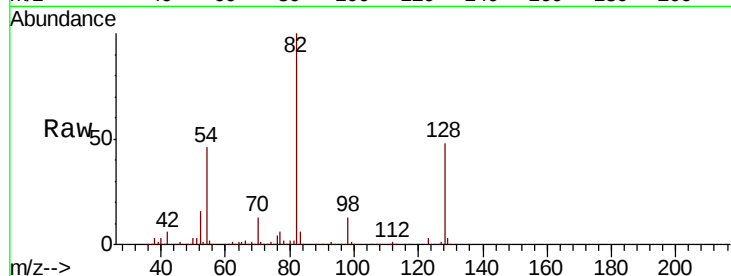
Tgt Ion: 82 Resp: 994245

Ion Ratio Lower Upper

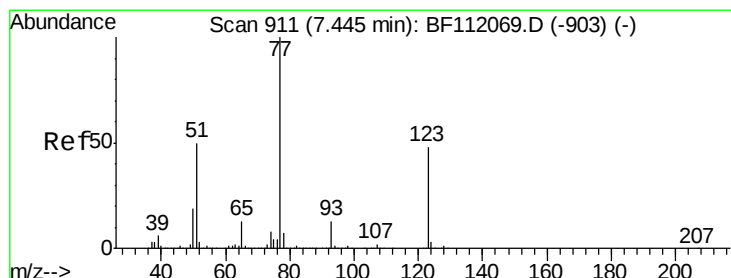
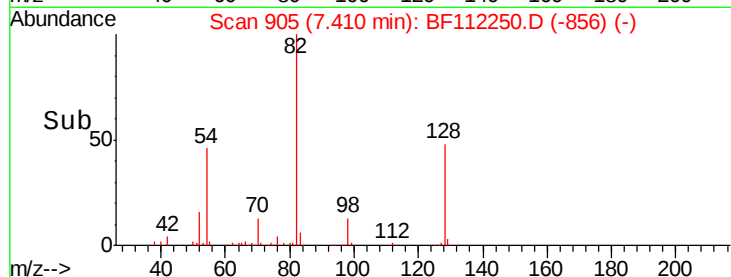
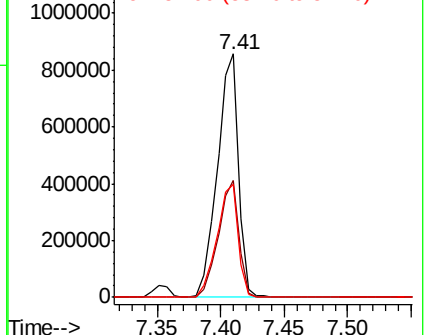
82 100

128 48.3 37.8 56.8

54 46.3 39.7 59.5



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



#24

Nitrobenzene

Concen: 40.488 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

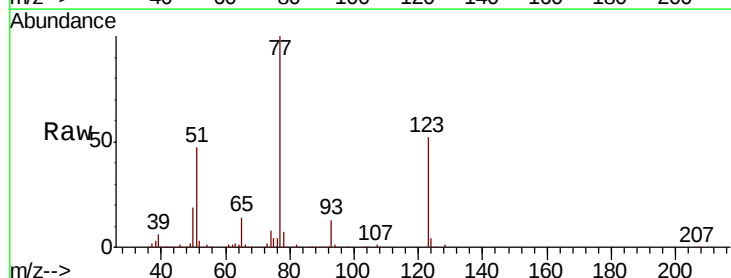
Tgt Ion: 77 Resp: 496599

Ion Ratio Lower Upper

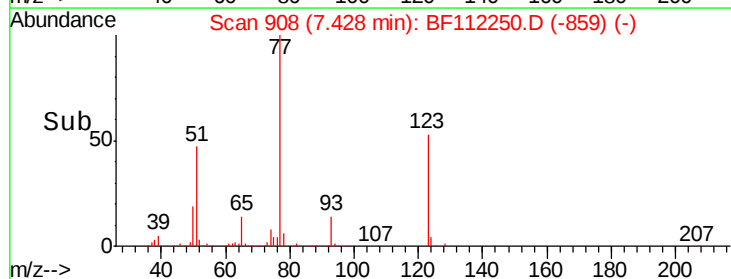
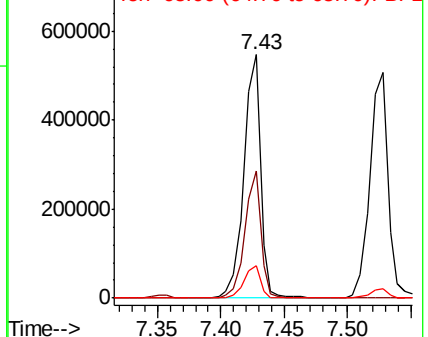
77 100

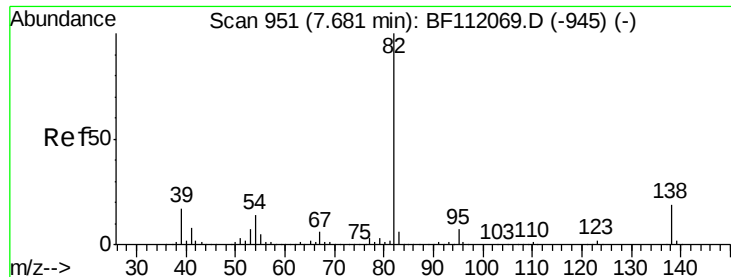
123 52.3 38.4 57.6

65 13.5 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.626 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

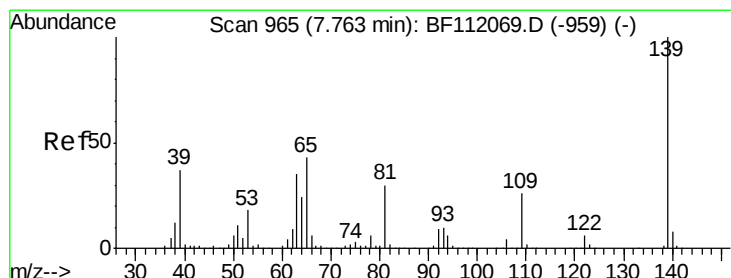
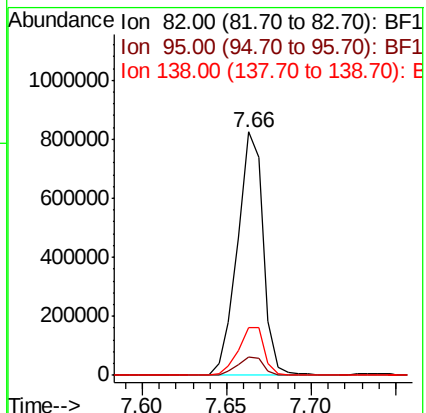
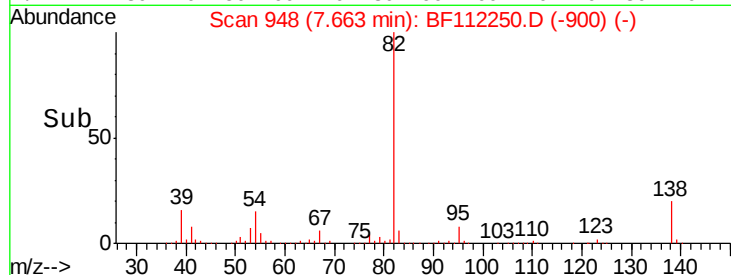
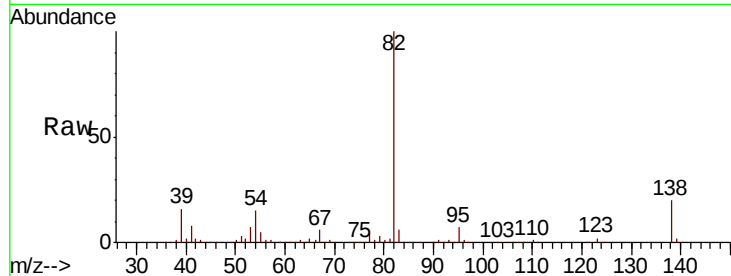
Tgt Ion: 82 Resp: 879048

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 19.7 15.4 23.0



#26

2-Nitrophenol

Concen: 40.619 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

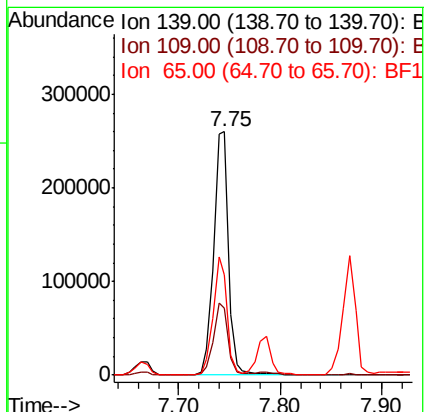
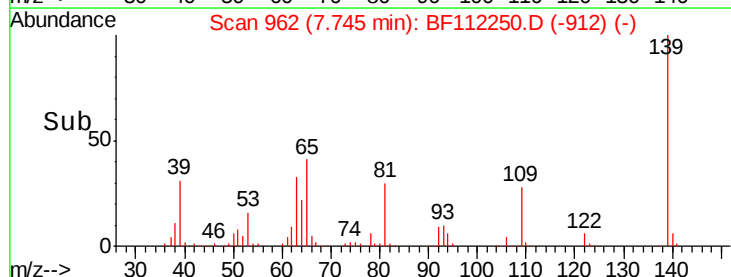
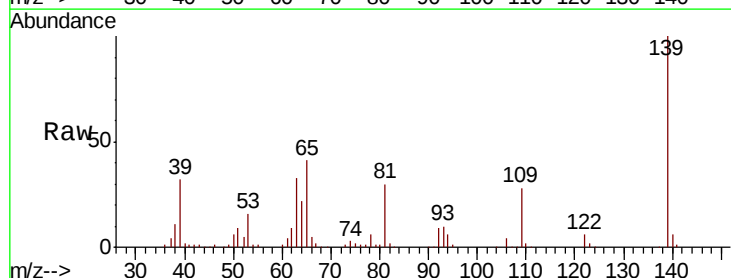
Tgt Ion: 139 Resp: 266246

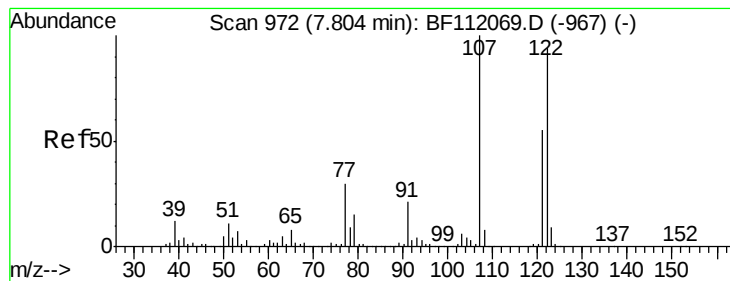
Ion Ratio Lower Upper

139 100

109 27.5 20.8 31.2

65 41.2 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 45.436 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

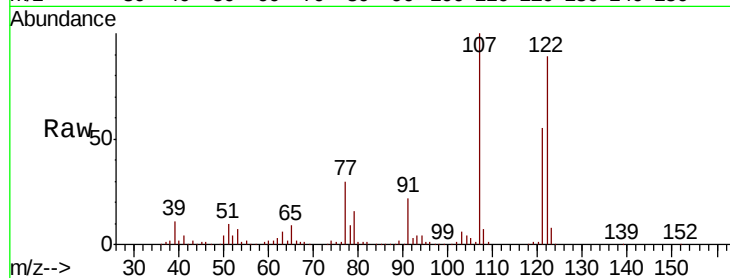
Tgt Ion: 122 Resp: 410328

Ion Ratio Lower Upper

122 100

107 112.4 85.4 128.0

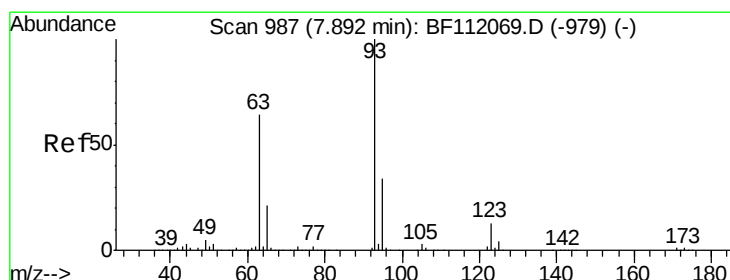
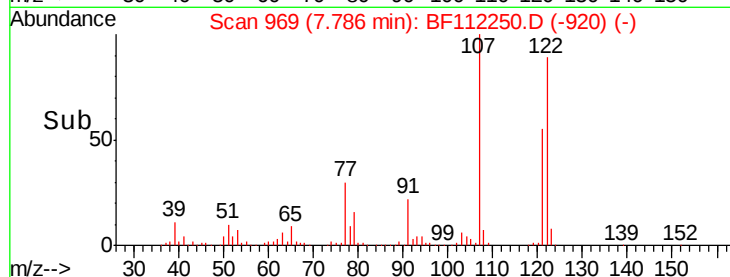
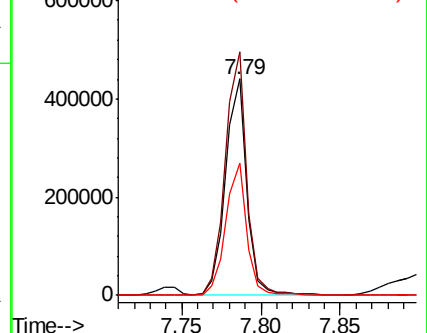
121 61.3 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.373 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

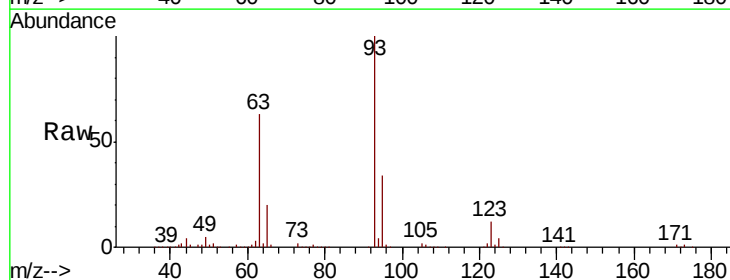
Tgt Ion: 93 Resp: 555875

Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

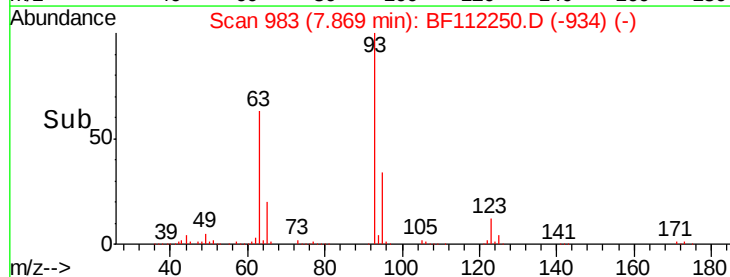
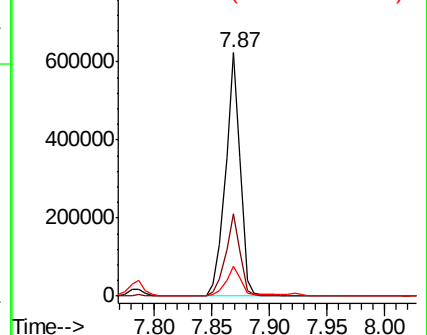
123 12.2 10.2 15.2

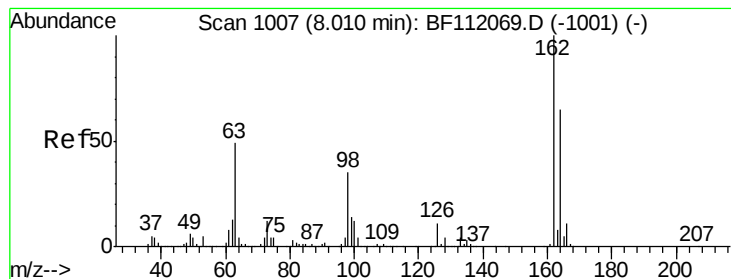


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.251 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

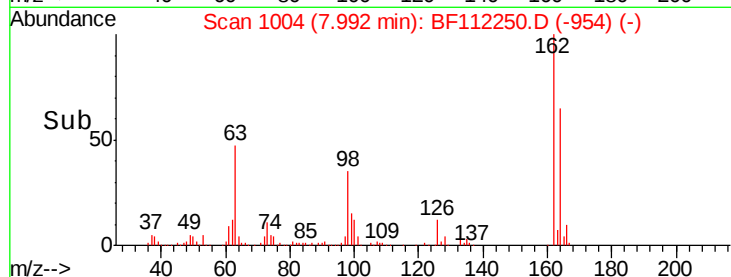
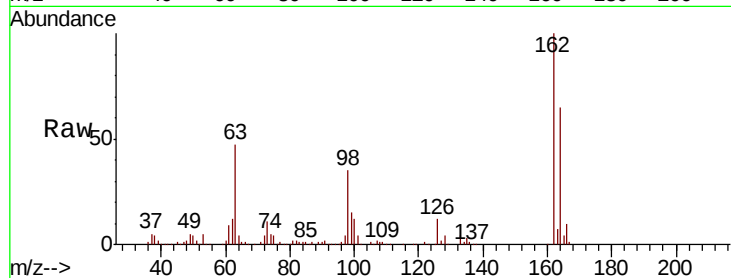
Tgt Ion:162 Resp: 416892

Ion Ratio Lower Upper

162 100

164 65.0 44.6 84.6

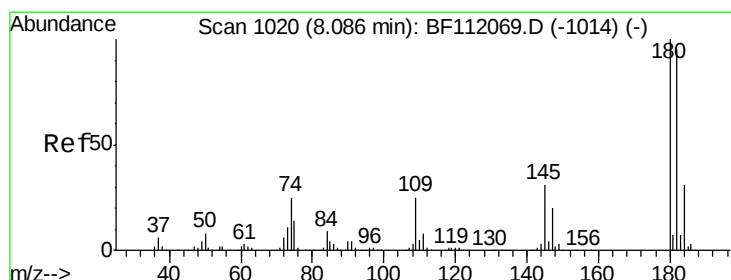
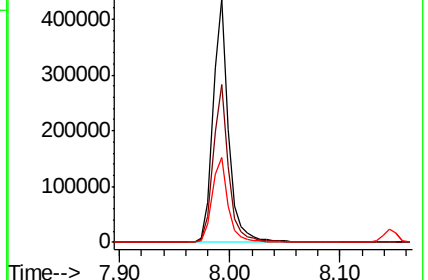
98 34.6 14.6 54.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.200 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

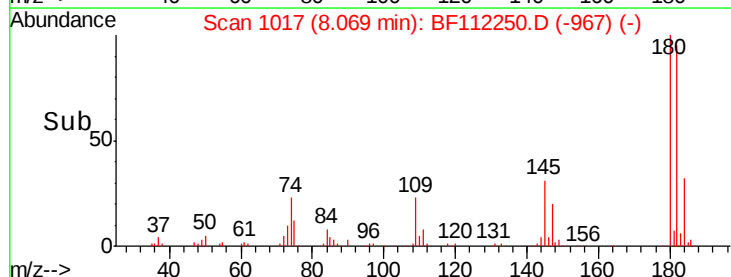
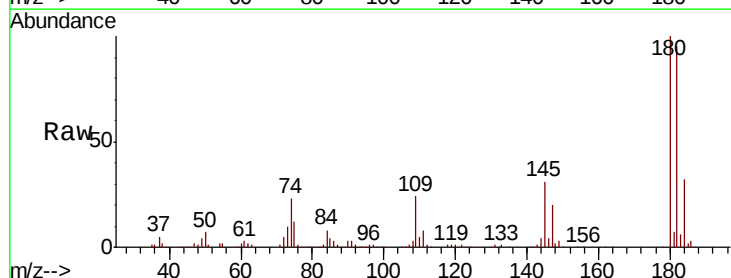
Tgt Ion:180 Resp: 455370

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

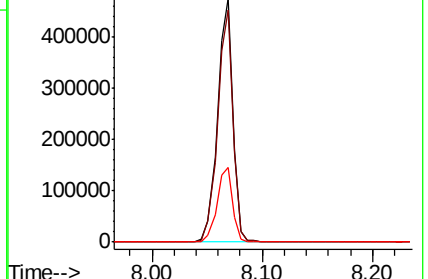
145 30.9 25.0 37.4

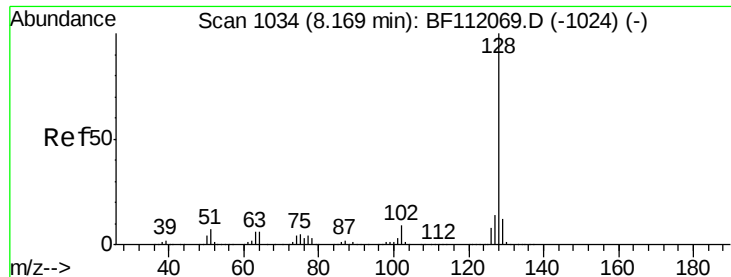


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

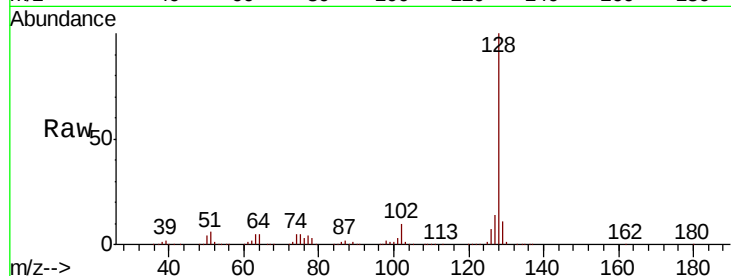




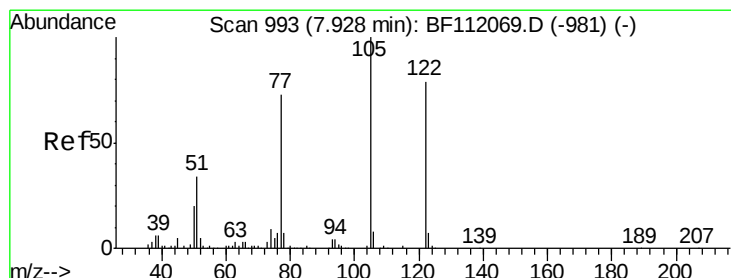
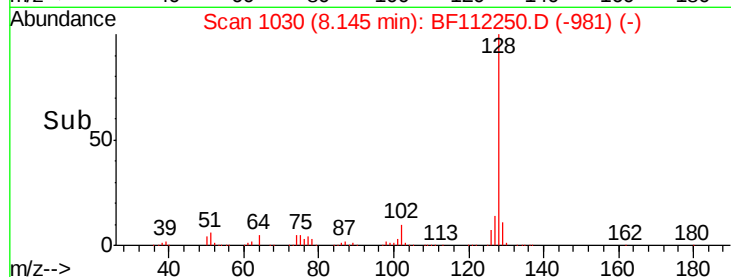
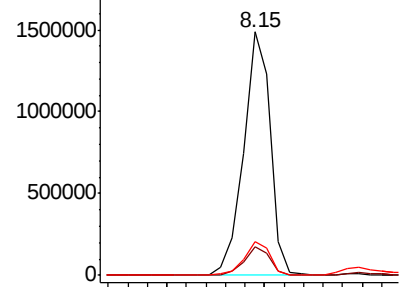
#31
Naphthalene
Concen: 42.483 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion:128 Resp: 1405856
Ion Ratio Lower Upper
128 100
129 11.5 9.6 14.4
127 13.8 11.1 16.7

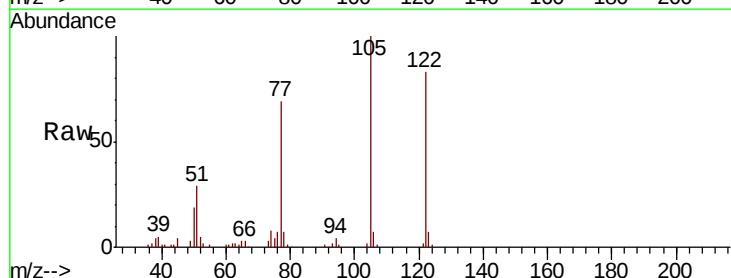


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

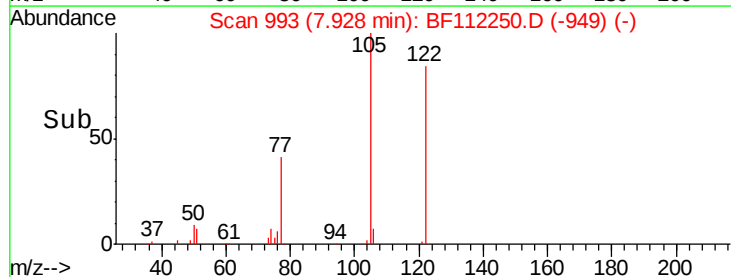
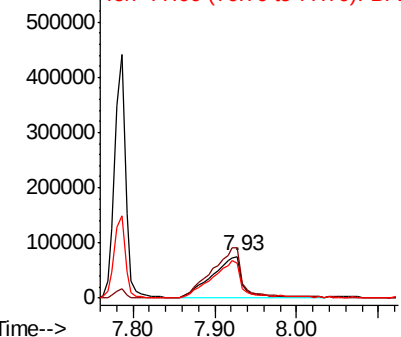


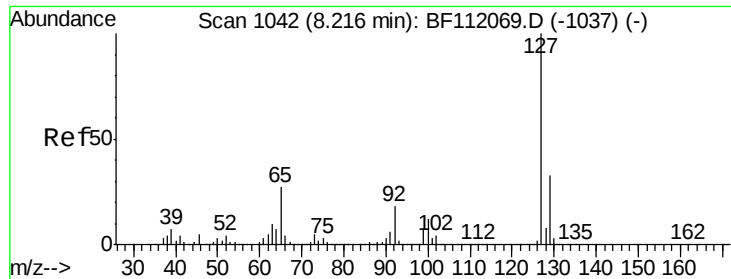
#32
Benzoic acid
Concen: 38.047 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.04 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:122 Resp: 195993
Ion Ratio Lower Upper
122 100
105 120.3 101.2 141.2
77 83.6 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

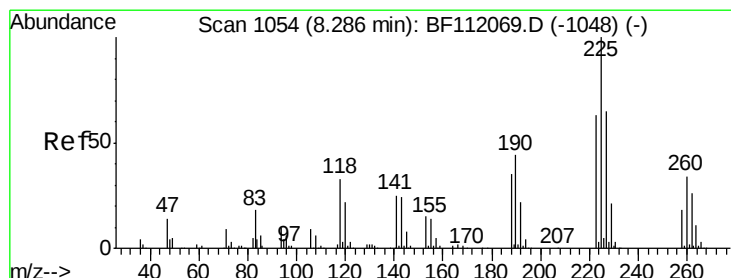
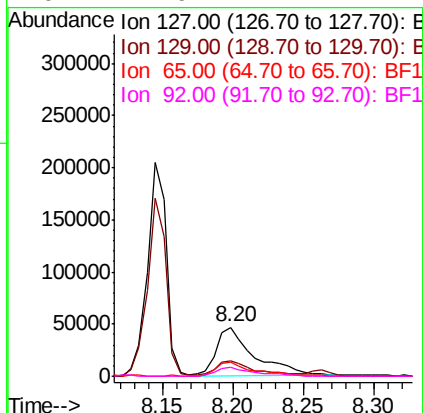
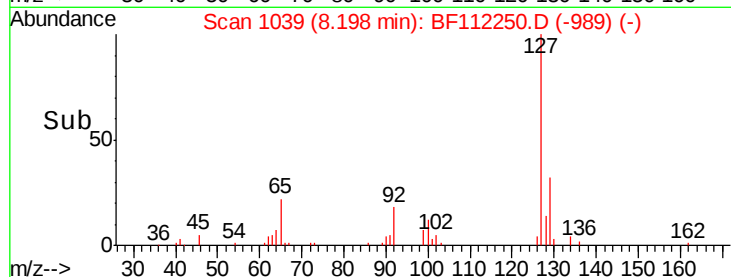
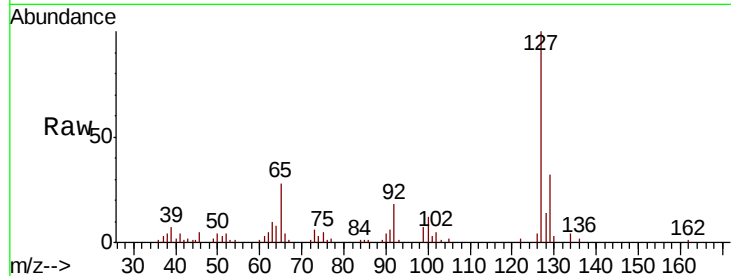




#33
4-Chloroaniline
Concen: 6.071 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

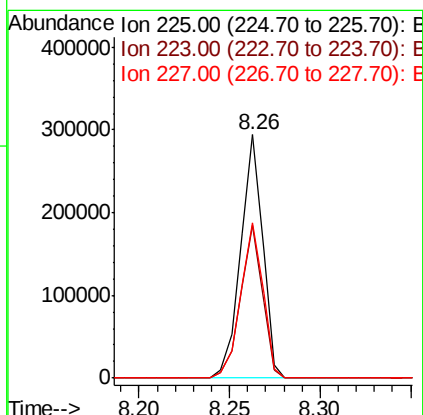
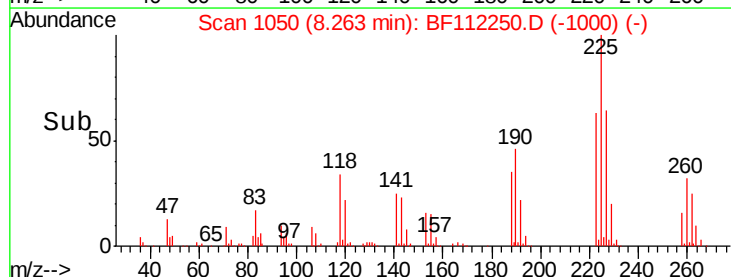
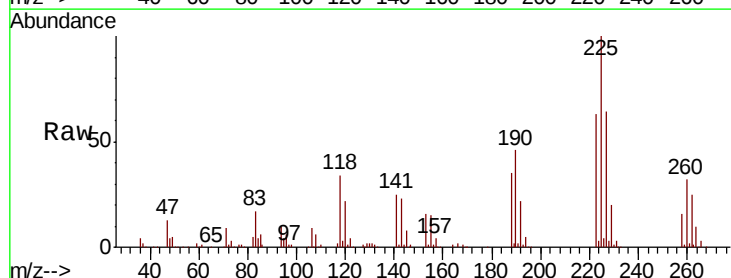
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

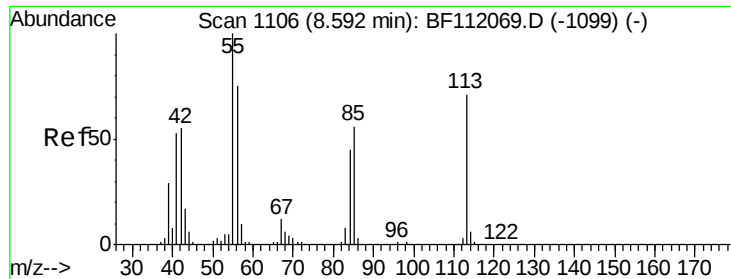
Tgt Ion:	127	Resp:	87473
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.6	39.8
65	27.7	21.4	32.2
92	17.9	14.2	21.2



#34
Hexachlorobutadiene
Concen: 36.542 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:	225	Resp:	249099
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.3	75.5
227	63.8	51.8	77.8

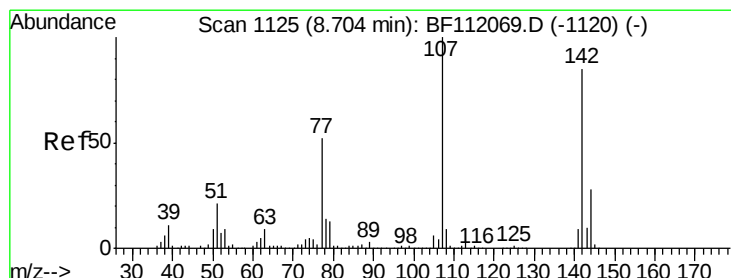
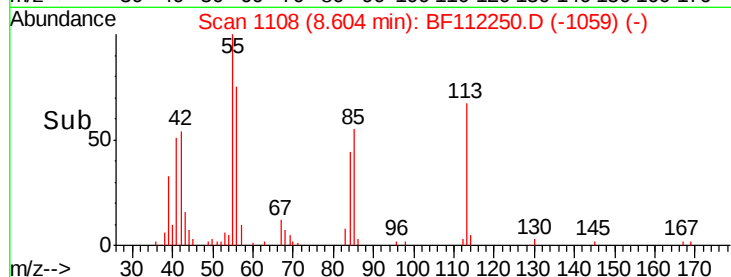
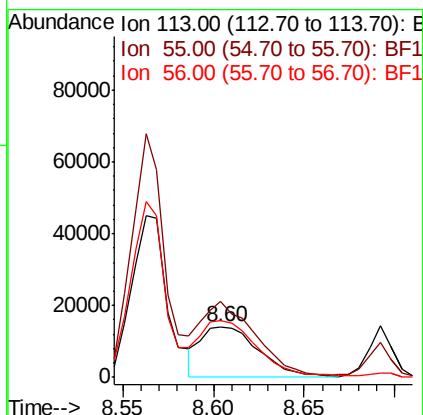
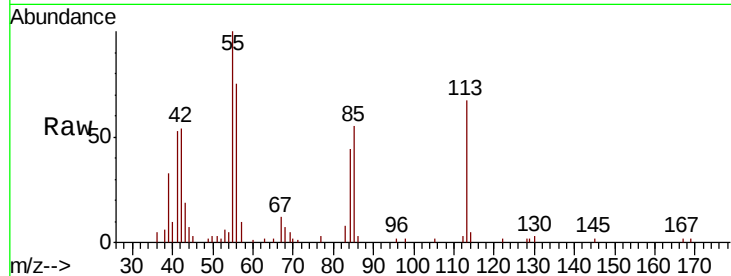




#35
 Caprolactam
 Concen: 8.795 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

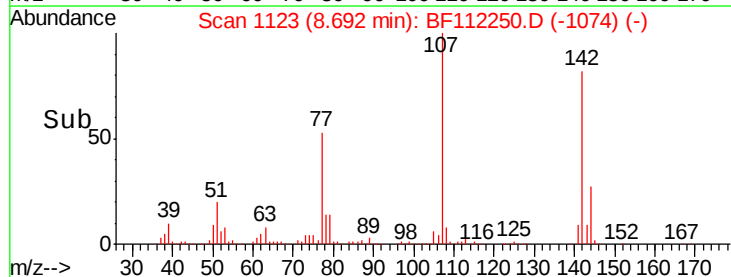
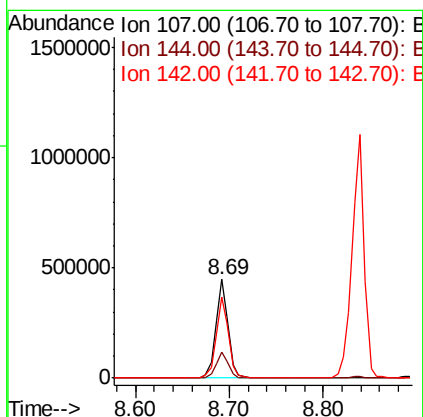
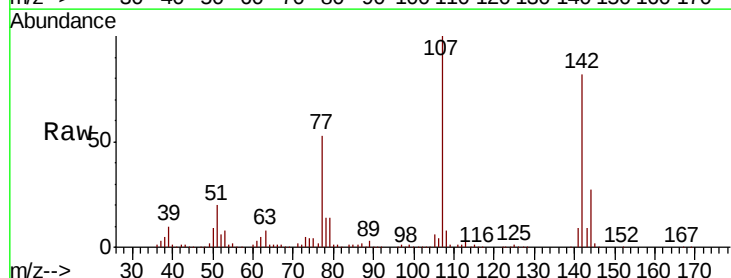
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

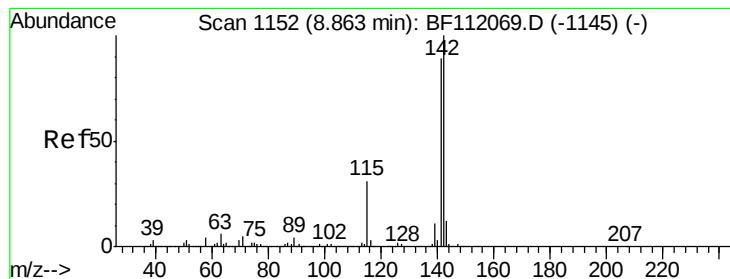
Tgt Ion:113 Resp: 31355
 Ion Ratio Lower Upper
 113 100
 55 149.9 121.6 161.6
 56 112.7 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.960 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:107 Resp: 416819
 Ion Ratio Lower Upper
 107 100
 144 26.9 22.2 33.2
 142 82.5 67.7 101.5





#37

2-Methylnaphthalene

Concen: 44.008 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

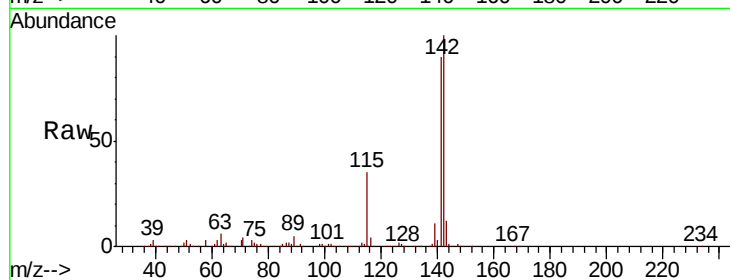
Tgt Ion:142 Resp: 996954

Ion Ratio Lower Upper

142 100

141 89.7 70.9 106.3

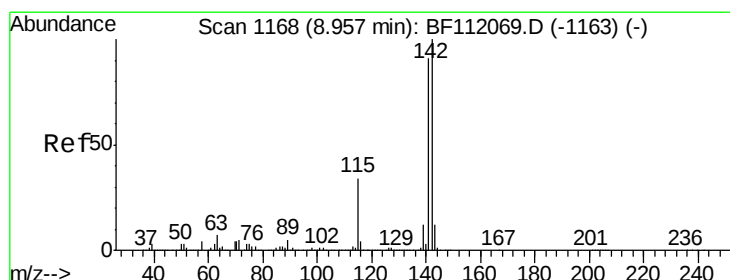
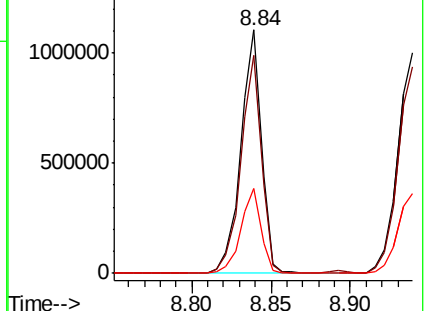
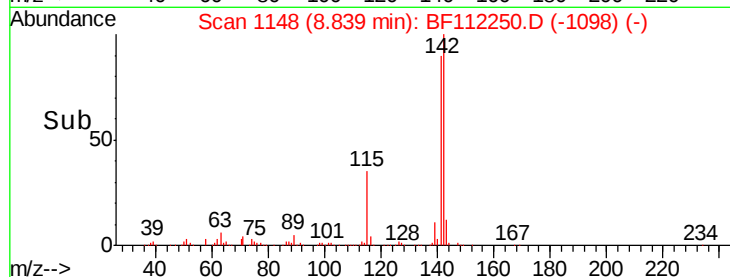
115 34.7 24.9 37.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.823 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

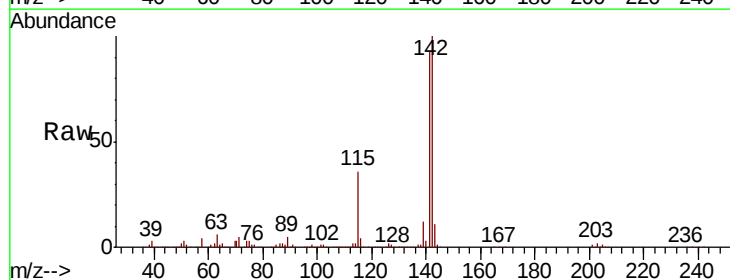
Tgt Ion:142 Resp: 929845

Ion Ratio Lower Upper

142 100

141 93.5 72.6 108.8

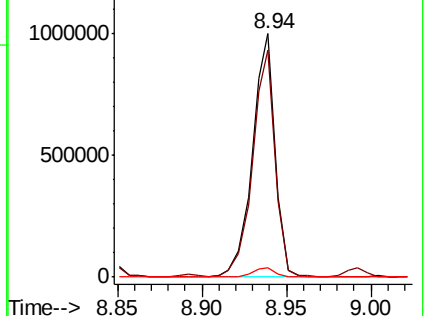
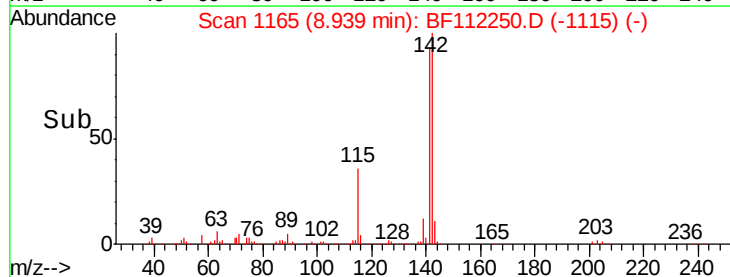
116 3.8 2.8 4.2

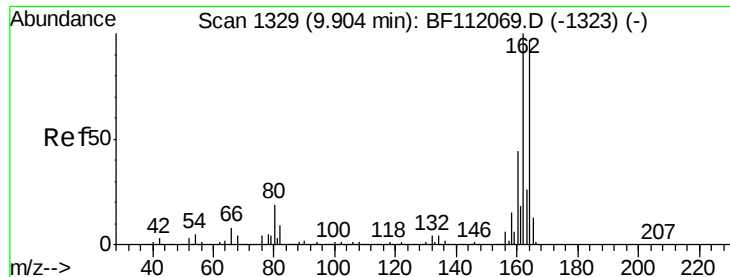


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

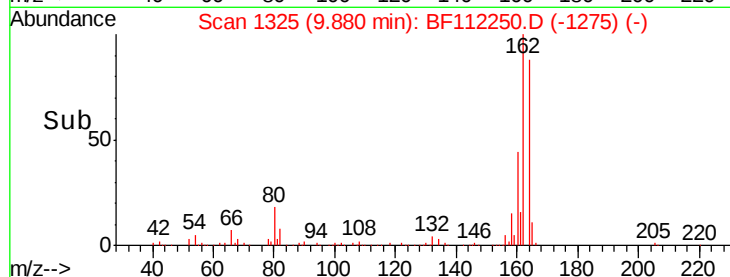
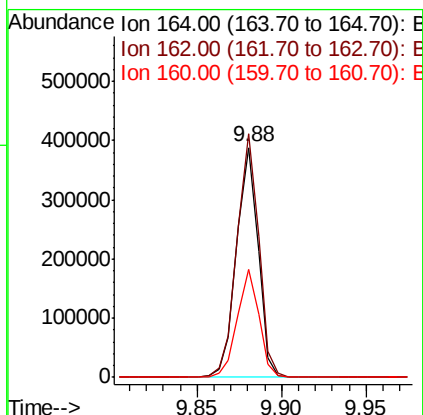
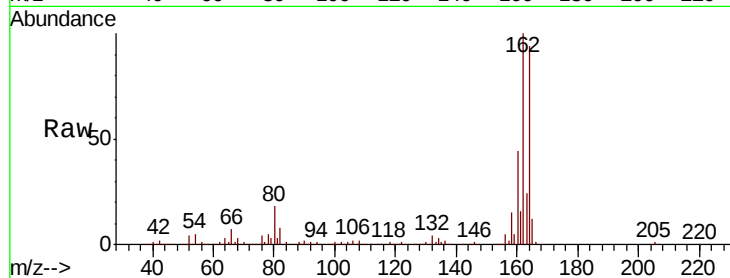




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

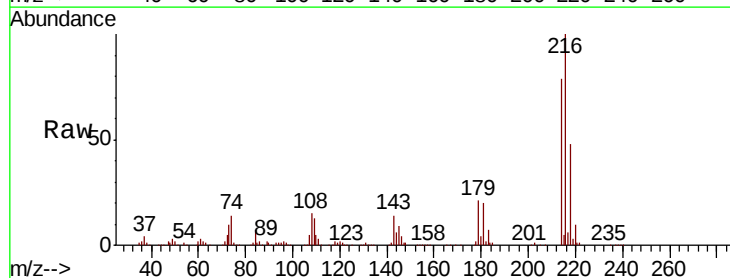
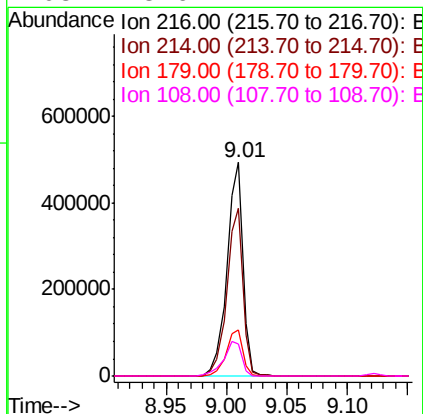
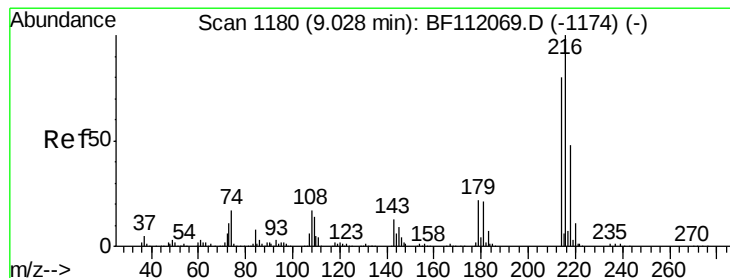
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

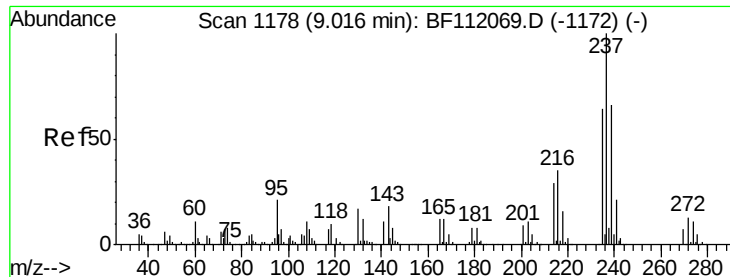
Tgt Ion:164 Resp: 346199
 Ion Ratio Lower Upper
 164 100
 162 105.8 82.2 123.4
 160 46.7 36.2 54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.724 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:216 Resp: 451536
 Ion Ratio Lower Upper
 216 100
 214 78.9 63.8 95.6
 179 22.3 16.9 25.3
 108 18.6 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 57.978 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

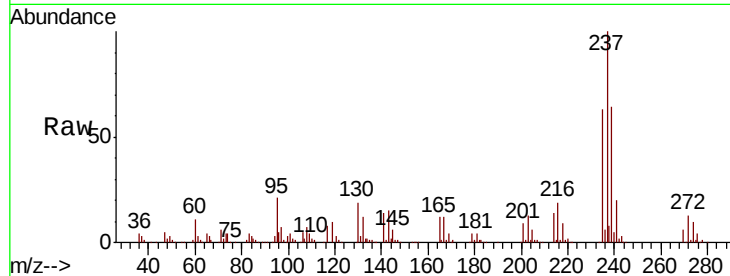
Tgt Ion: 237 Resp: 236975

Ion Ratio Lower Upper

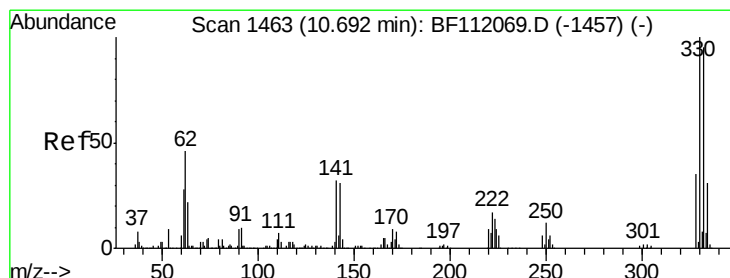
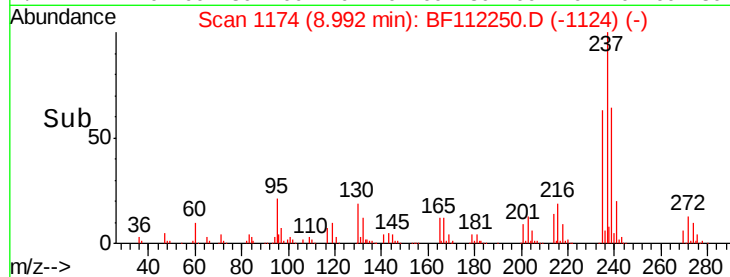
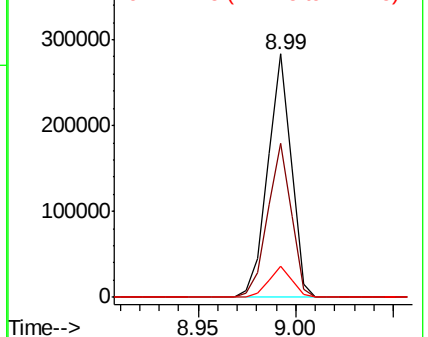
237 100

235 63.3 44.0 84.0

272 12.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.738 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

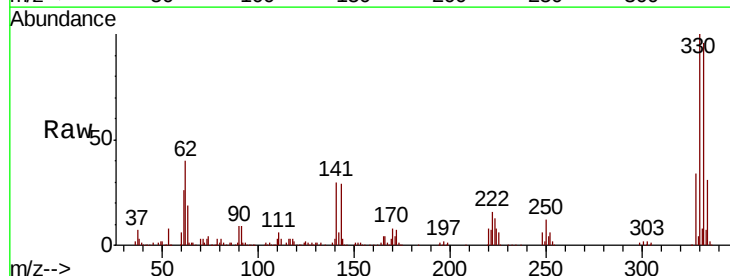
Tgt Ion: 330 Resp: 458325

Ion Ratio Lower Upper

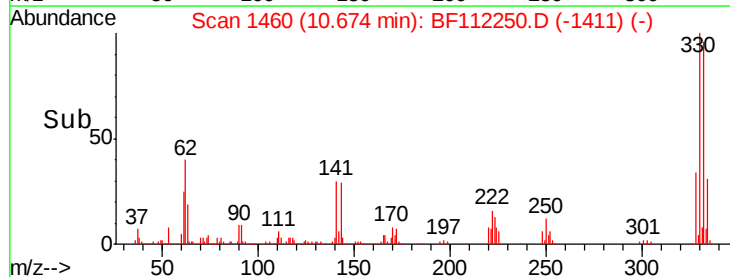
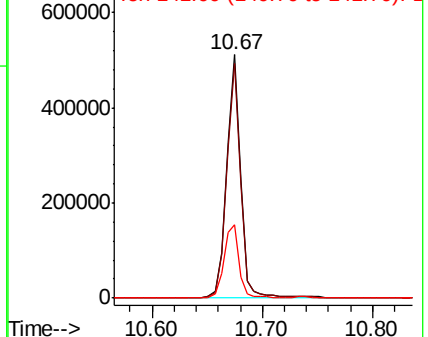
330 100

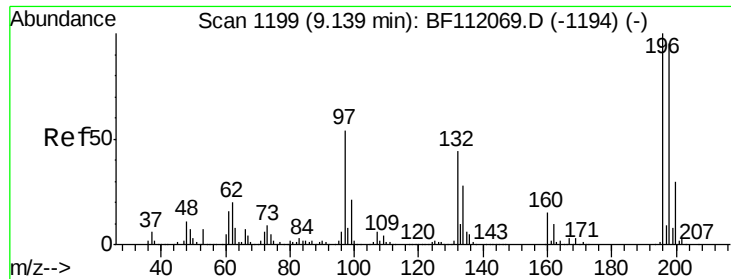
332 96.8 76.6 114.8

141 32.4 24.3 36.5



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

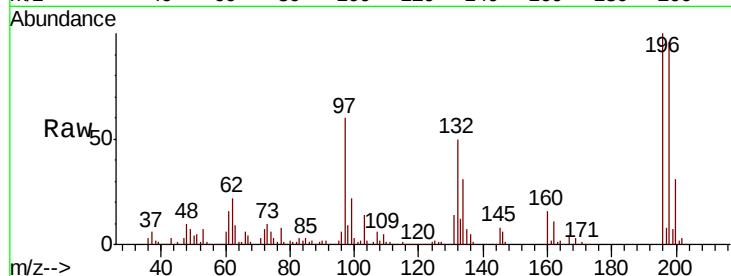




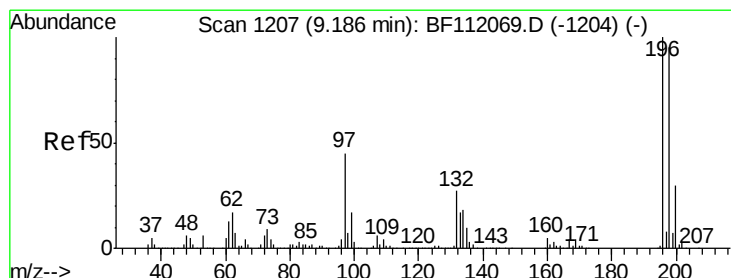
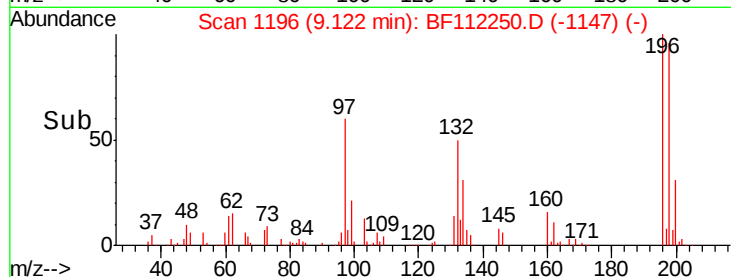
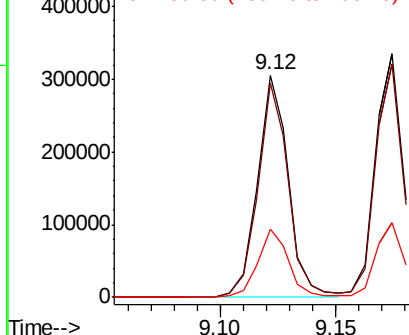
#43
 2,4,6-Trichlorophenol
 Concen: 40.613 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tgt Ion:196 Resp: 284563
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.4
 200 30.5 24.3 36.5

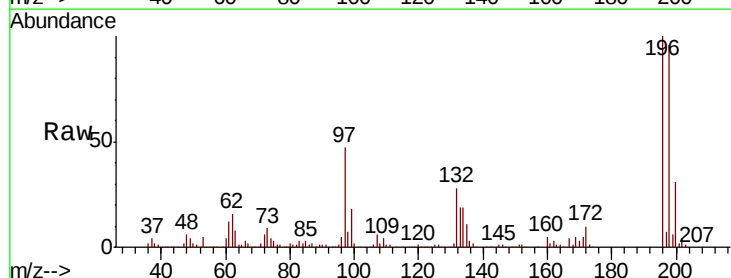


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

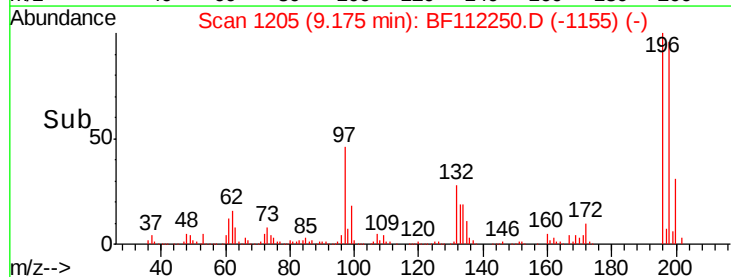
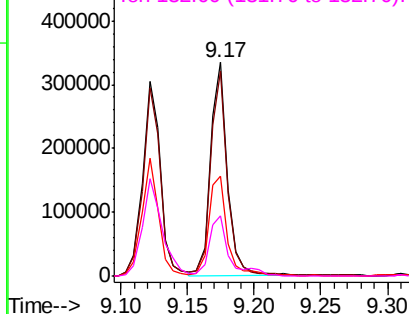


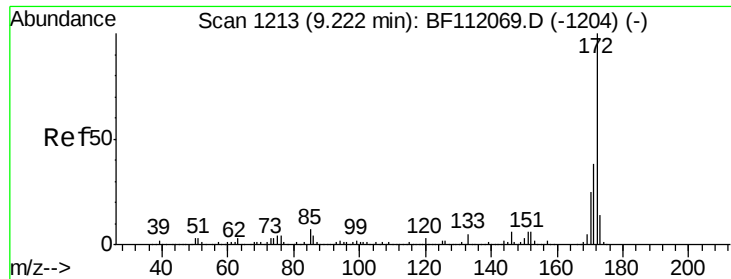
#44
 2,4,5-Trichlorophenol
 Concen: 40.541 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:196 Resp: 296880
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.0 114.0
 97 46.5 36.4 54.6
 132 28.0 21.5 32.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

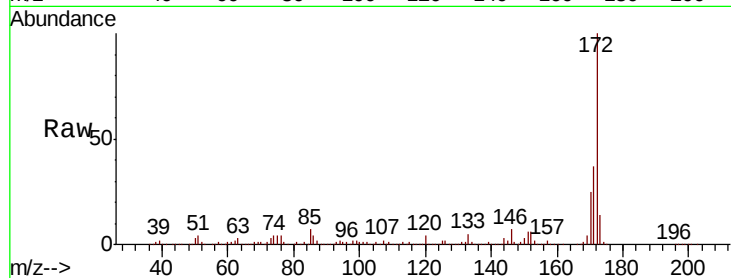




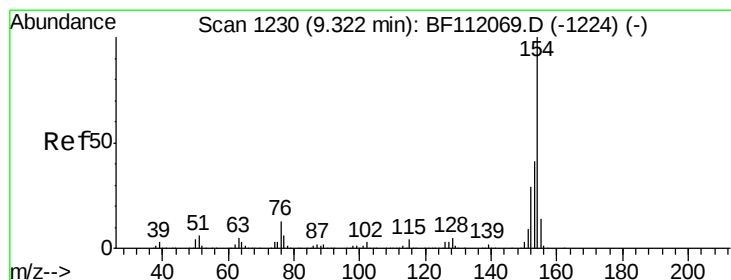
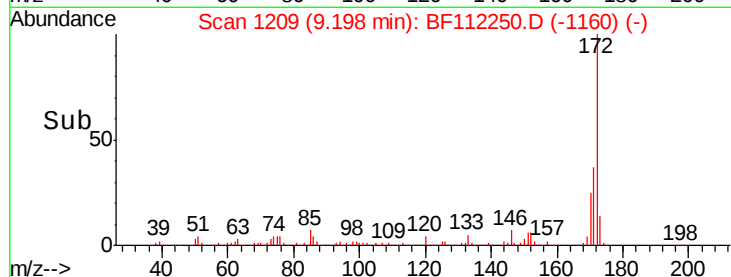
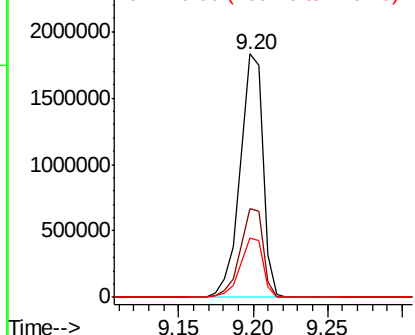
#45
 2-Fluorobiphenyl
 Concen: 80.139 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tgt Ion:172 Resp: 1961619
 Ion Ratio Lower Upper
 172 100
 171 36.6 30.5 45.7
 170 24.6 20.2 30.4

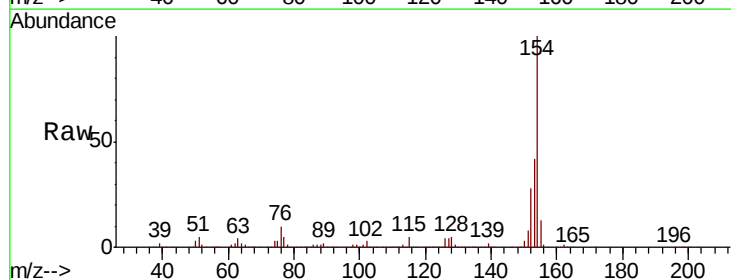


Abundance Ion 172.00 (171.70 to 172.70): E
 2500000 Ion 171.00 (170.70 to 171.70): E
 2000000 Ion 170.00 (169.70 to 170.70): E

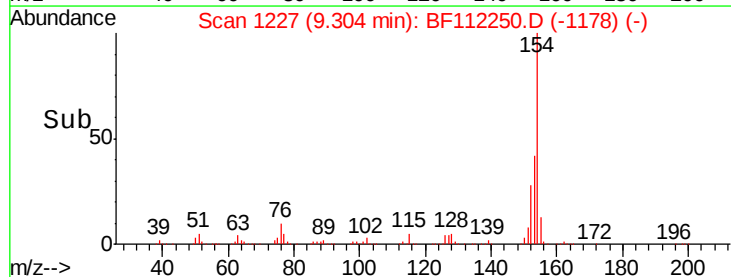
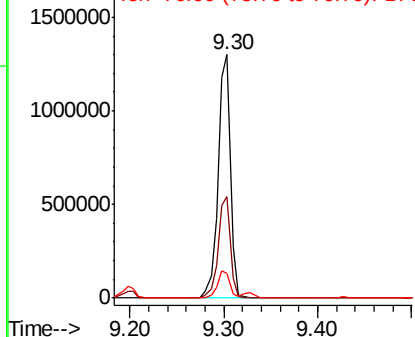


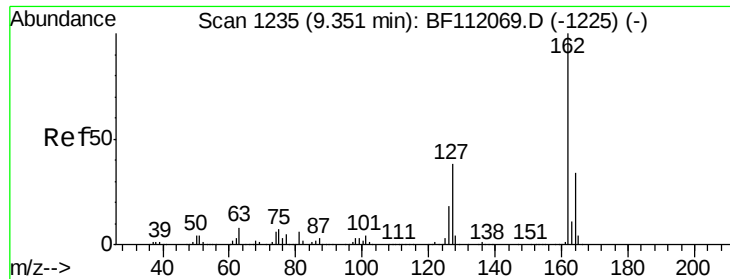
#46
 1,1'-Biphenyl
 Concen: 39.486 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:154 Resp: 1195086
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.5 61.5
 76 10.4 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
 1500000 Ion 153.00 (152.70 to 153.70): E
 1000000 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.138 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

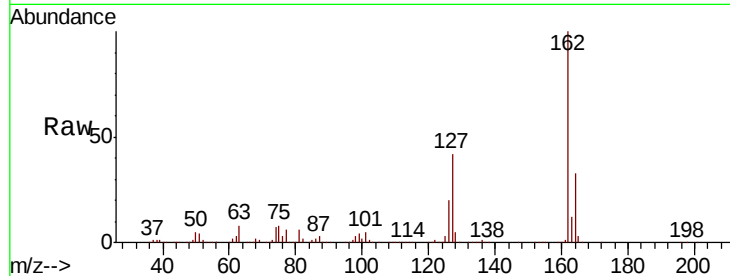
Tgt Ion: 162 Resp: 918591

Ion Ratio Lower Upper

162 100

127 41.6 30.4 45.6

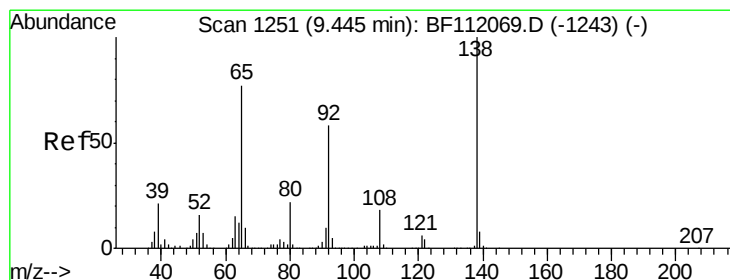
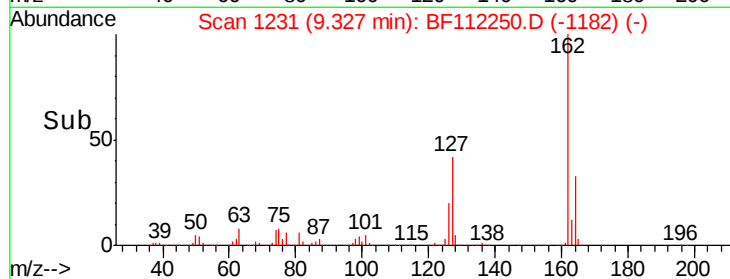
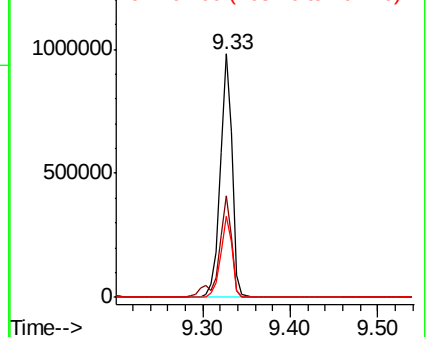
164 33.2 27.4 41.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.410 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

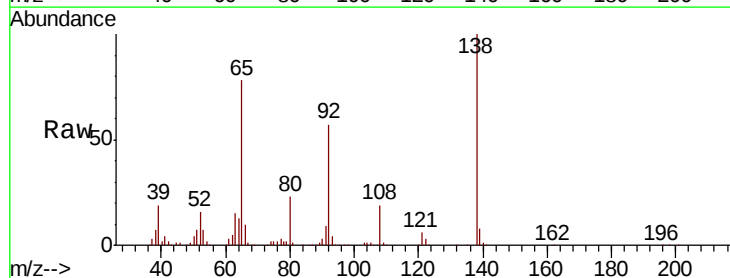
Tgt Ion: 65 Resp: 245711

Ion Ratio Lower Upper

65 100

92 73.2 60.4 90.6

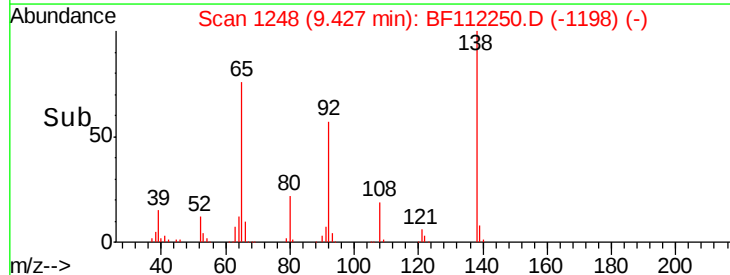
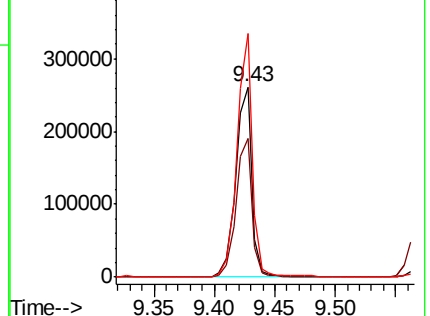
138 128.0 104.4 156.6

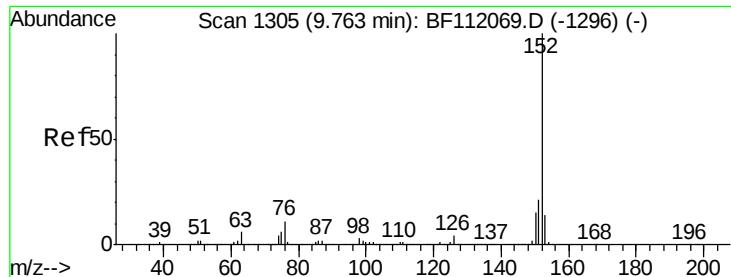


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.216 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

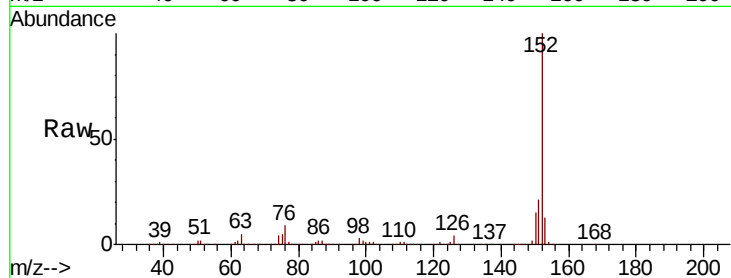
BNA_F

ClientSampleId :

BU-02-012319MSD

Tgt Ion:152 Resp: 1452250

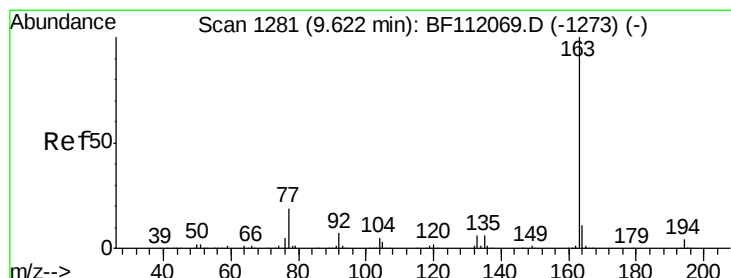
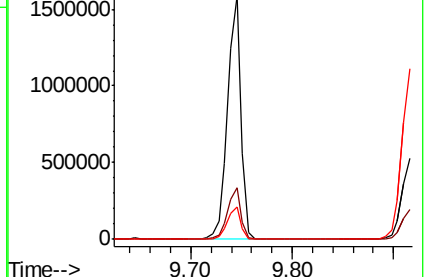
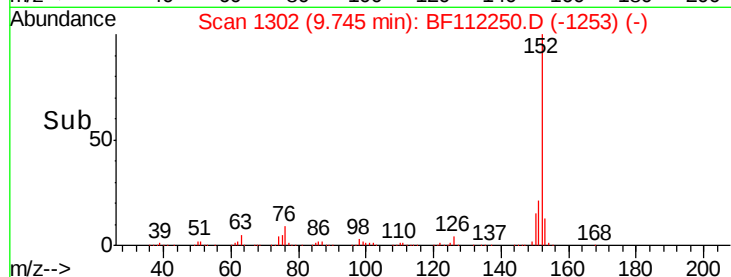
Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.0	25.6
153	13.4	11.2	16.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.430 ng

RT: 9.60 min Scan# 1277

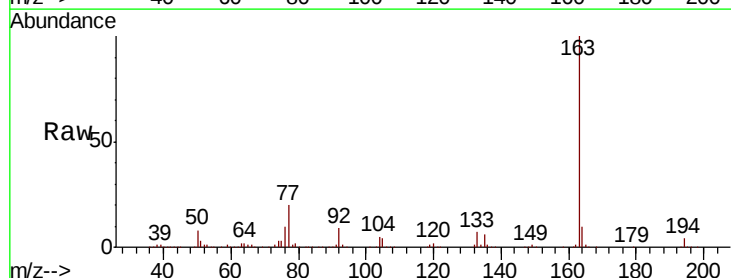
Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Tgt Ion:163 Resp: 1087475

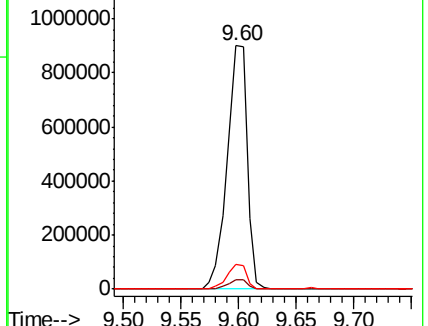
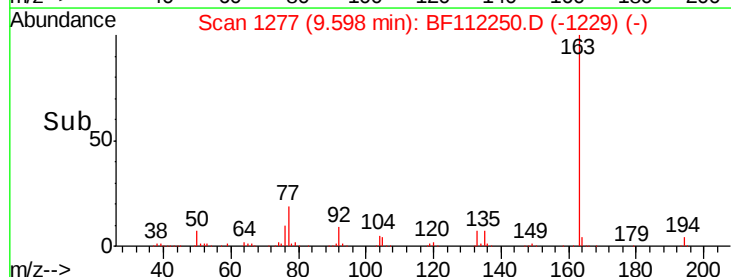
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.2	8.5	12.7

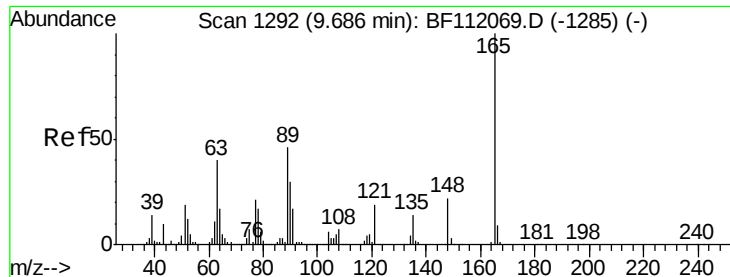


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

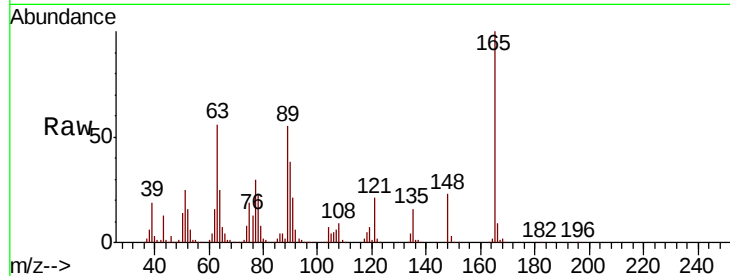




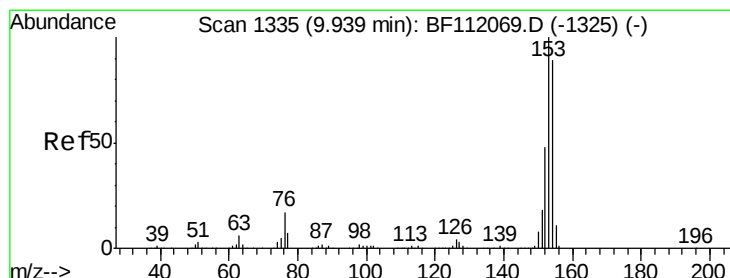
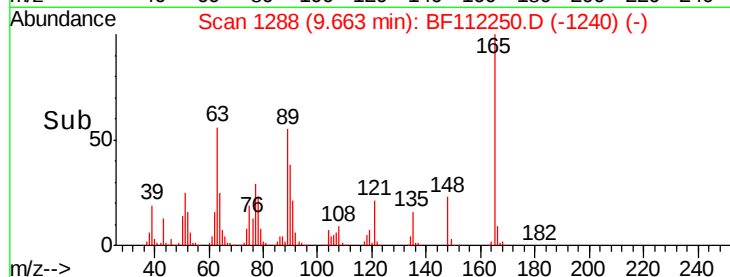
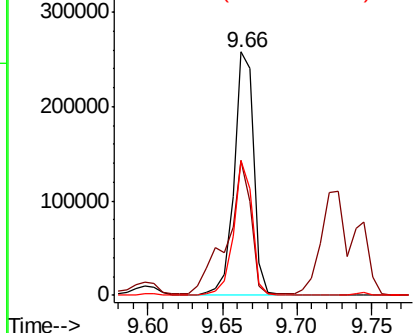
#51
2,6-Dinitrotoluene
Concen: 39.703 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion:165 Resp: 239176
Ion Ratio Lower Upper
165 100
63 55.6 33.8 50.8#
89 55.2 36.9 55.3

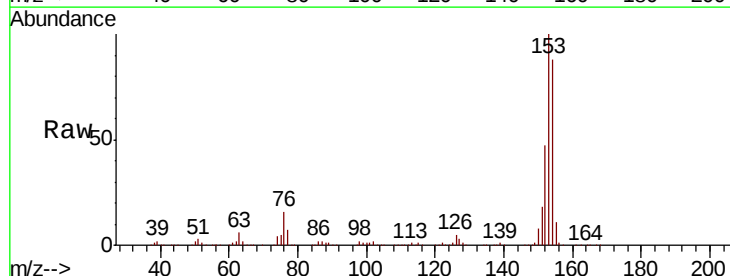


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

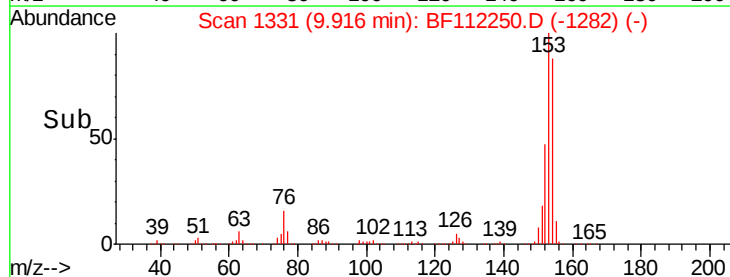
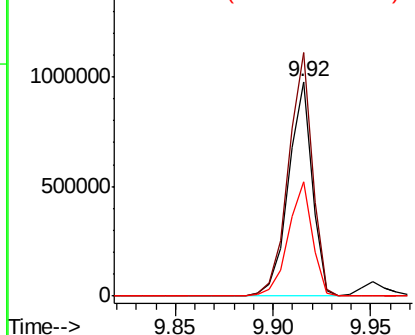


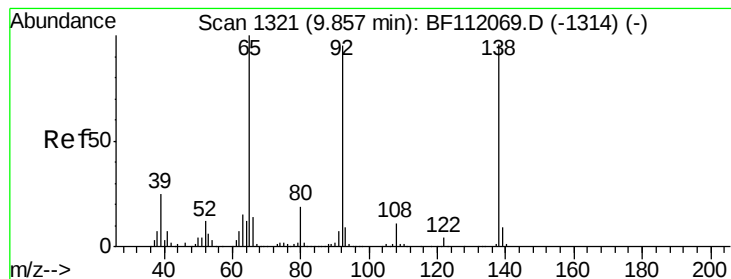
#52
Acenaphthene
Concen: 40.385 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:154 Resp: 829899
Ion Ratio Lower Upper
154 100
153 113.4 89.8 134.6
152 53.5 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 10.932 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

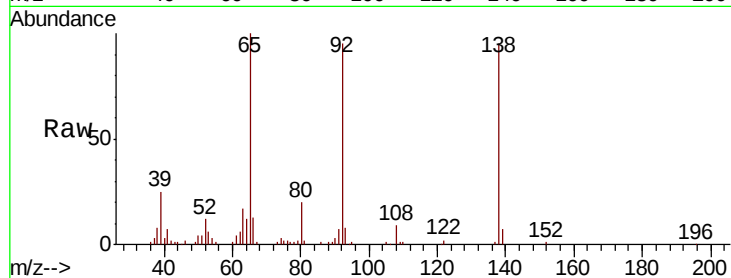
Tgt Ion:138 Resp: 71344

Ion Ratio Lower Upper

138 100

108 9.5 9.8 14.6#

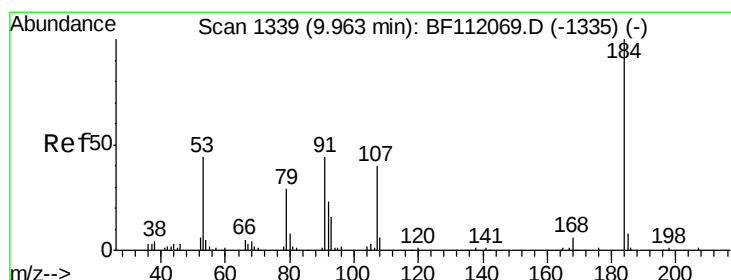
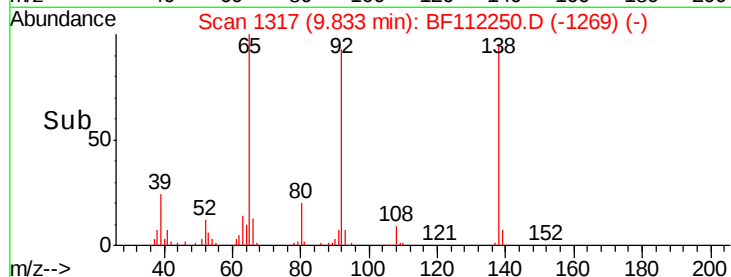
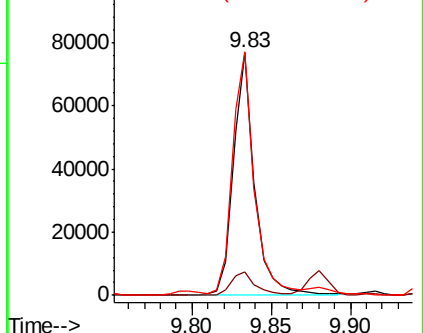
92 100.4 79.4 119.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 52.419 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

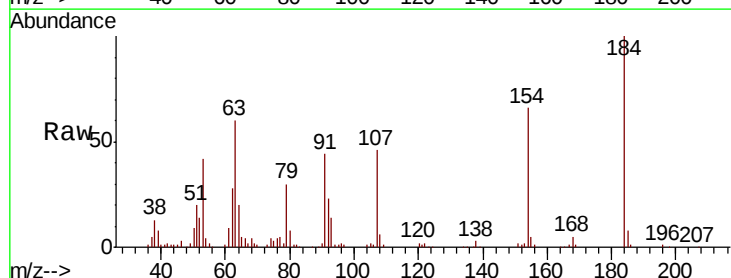
Tgt Ion:184 Resp: 101342

Ion Ratio Lower Upper

184 100

63 59.5 47.1 70.7

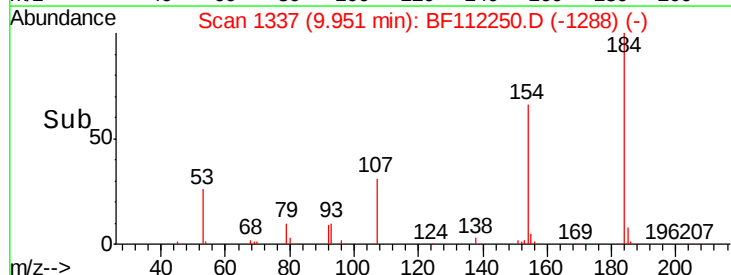
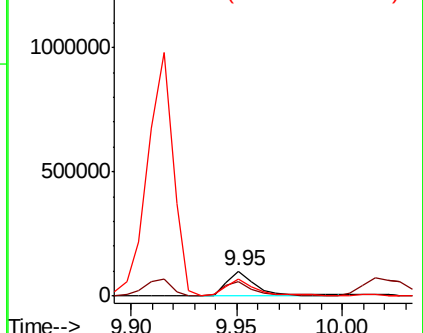
154 65.9 48.9 73.3

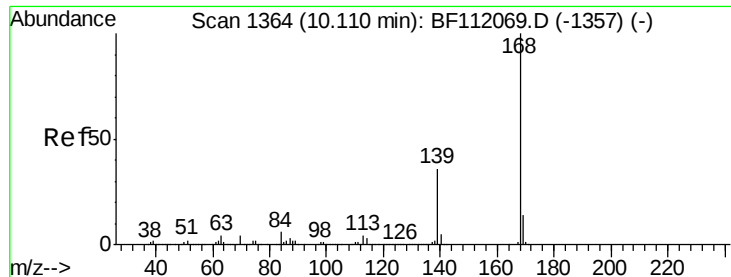


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

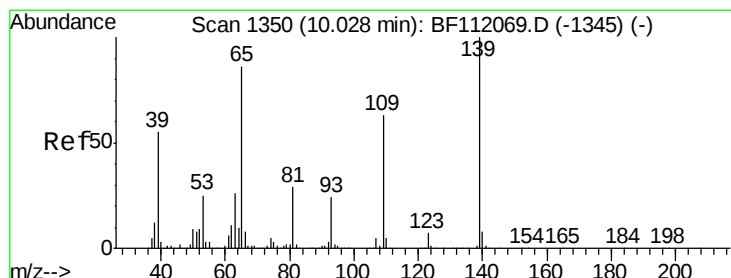
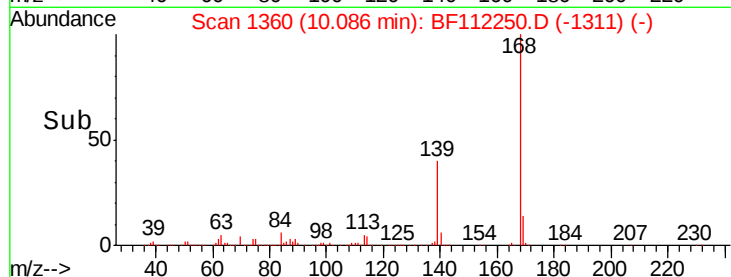
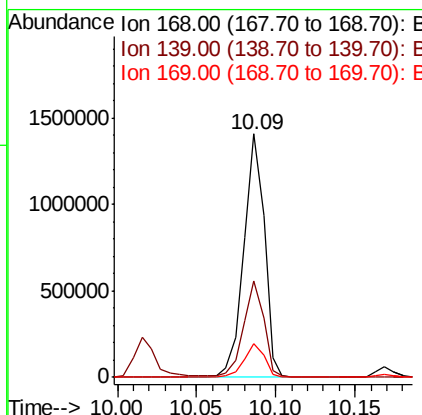
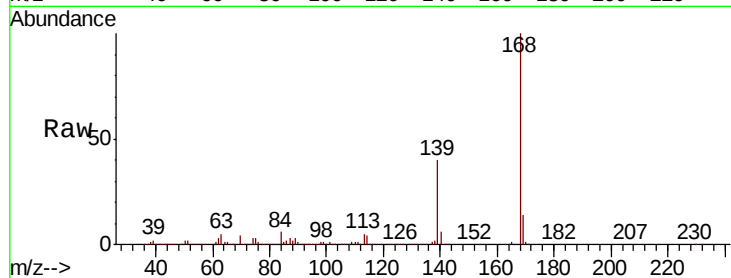




#55
Dibenzenofuran
Concen: 40.389 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

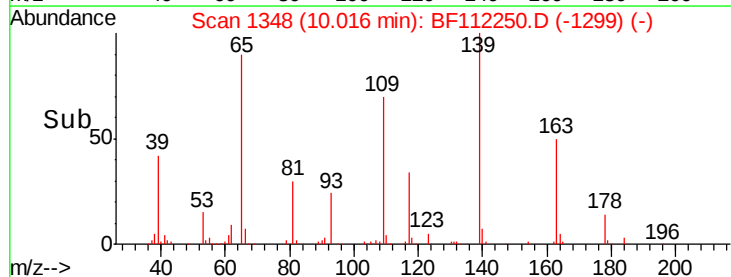
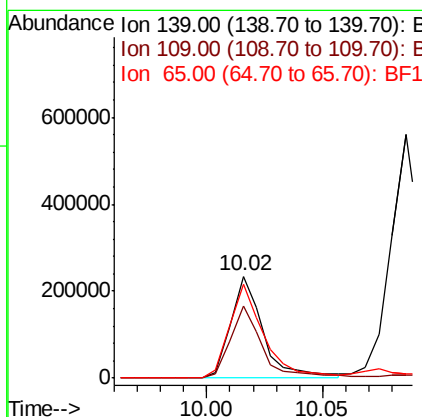
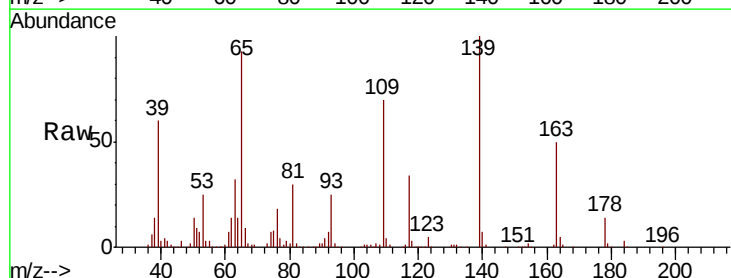
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

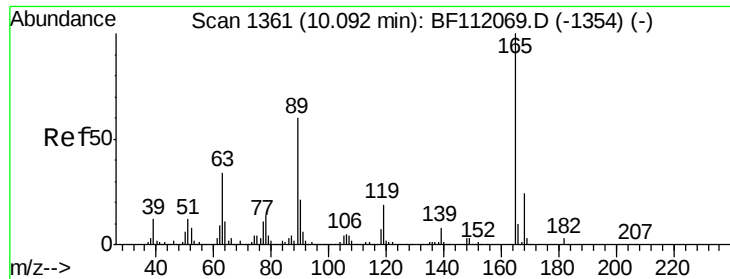
Tgt Ion:168 Resp: 1268356
Ion Ratio Lower Upper
168 100
139 39.8 29.2 43.8
169 13.9 11.4 17.0



#56
4-Nitrophenol
Concen: 66.319 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:139 Resp: 228830
Ion Ratio Lower Upper
139 100
109 70.4 42.8 82.8
65 92.6 66.1 106.1





#57

2,4-Dinitrotoluene

Concen: 40.236 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

Tgt Ion:165 Resp: 308572

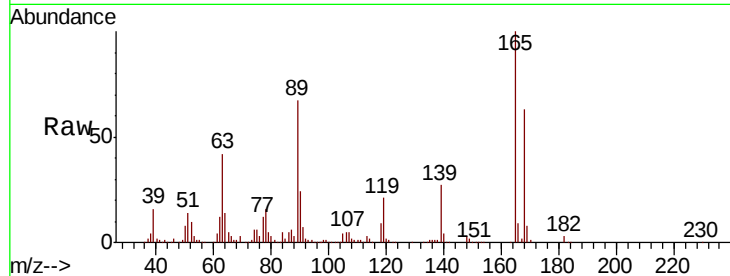
Ion Ratio Lower Upper

165 100

63 42.1 27.9 41.9#

89 66.7 47.9 71.9

182 2.9 2.2 3.4

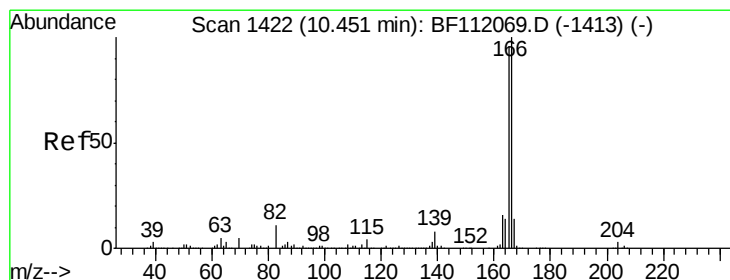
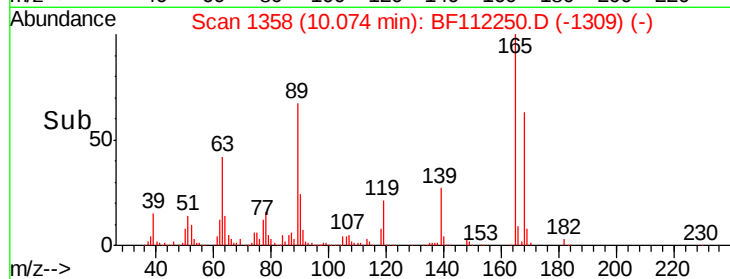
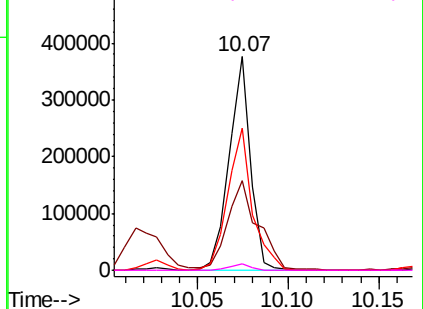


Abundance Ion 165.00 (164.70 to 165.70): E

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



#58

Fluorene

Concen: 41.979 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

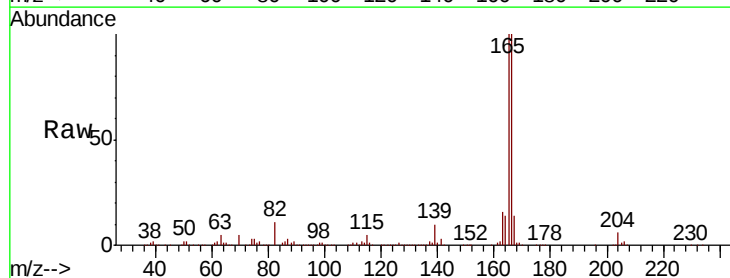
Tgt Ion:166 Resp: 986508

Ion Ratio Lower Upper

166 100

165 100.1 77.1 115.7

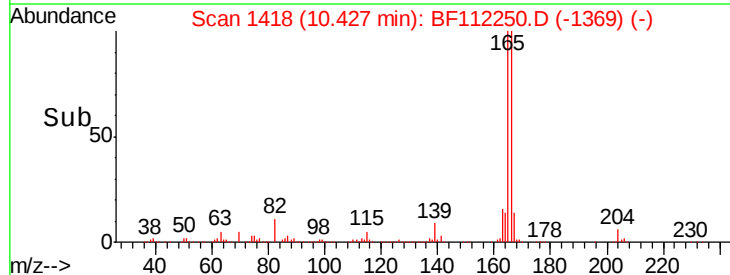
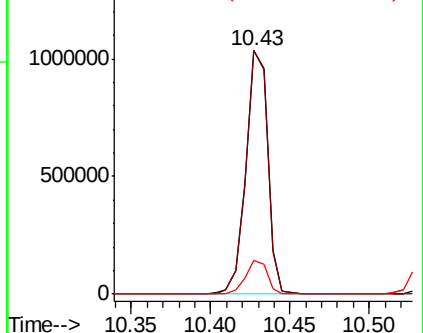
167 13.9 11.3 16.9

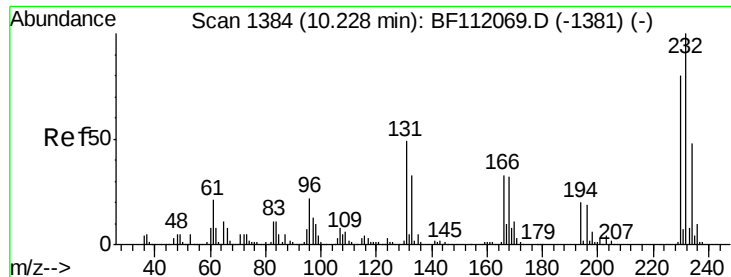


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

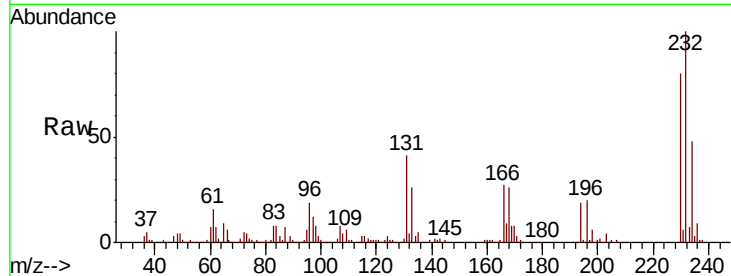




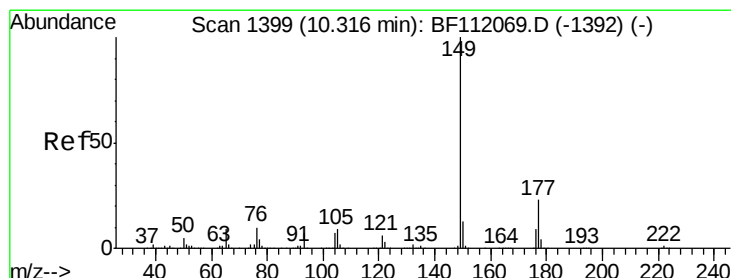
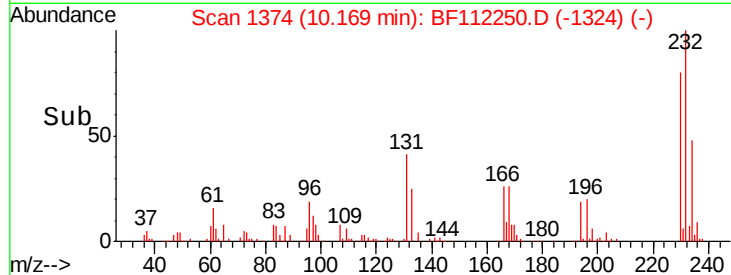
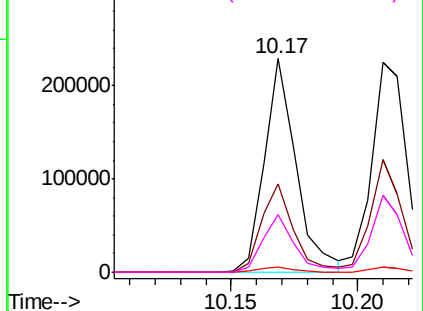
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.525 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion: 232 Resp: 200479
Ion Ratio Lower Upper
232 100
131 42.4 33.9 50.9
130 2.6 1.8 2.6
166 27.2 23.6 35.4

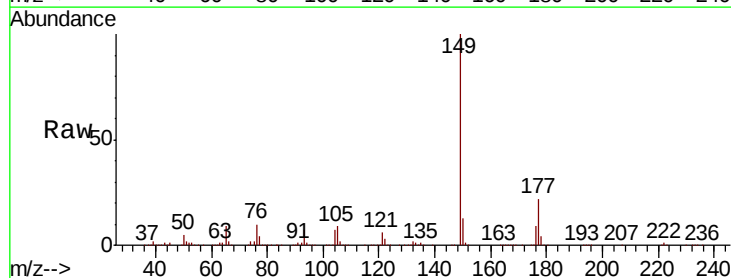


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

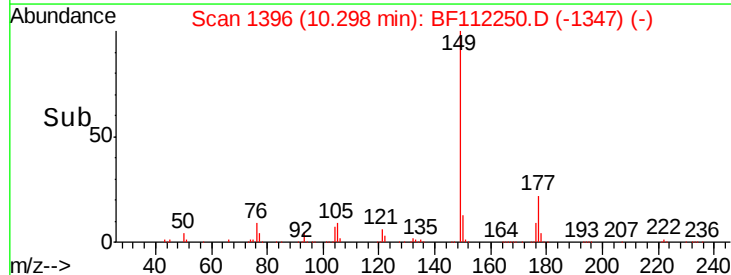
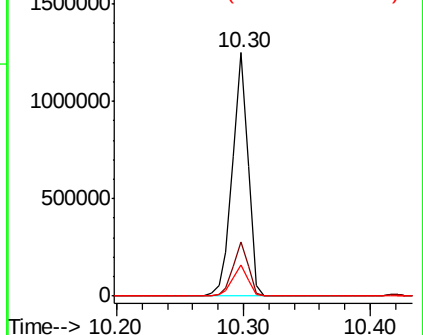


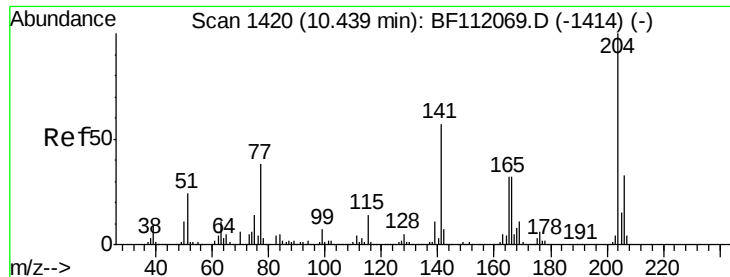
#60
Diethylphthalate
Concen: 39.531 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion: 149 Resp: 1055194
Ion Ratio Lower Upper
149 100
177 22.1 18.2 27.2
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

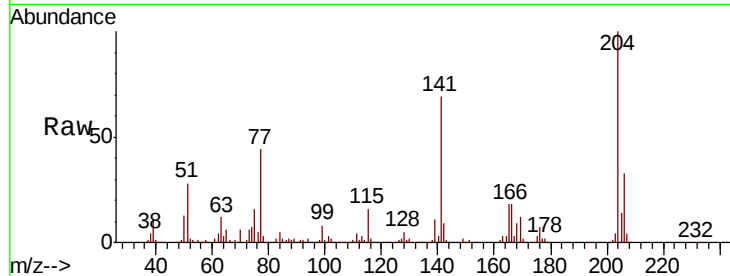




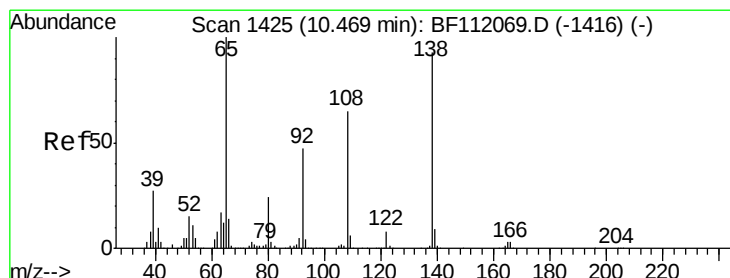
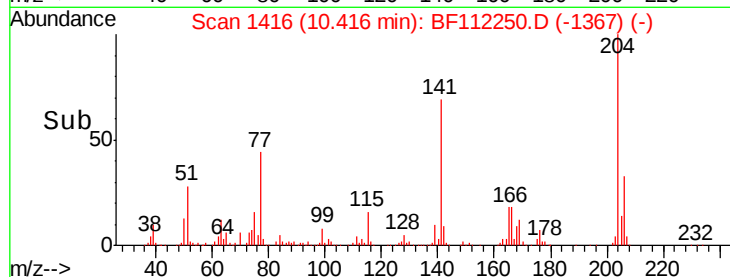
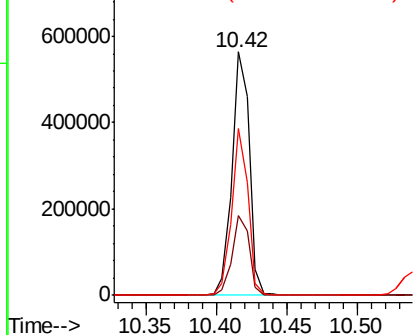
#61
 4-Chlorophenyl-phenylether
 Concen: 37.718 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

Tgt Ion: 204 Resp: 482166
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.5 39.7
 141 68.5 45.9 68.9

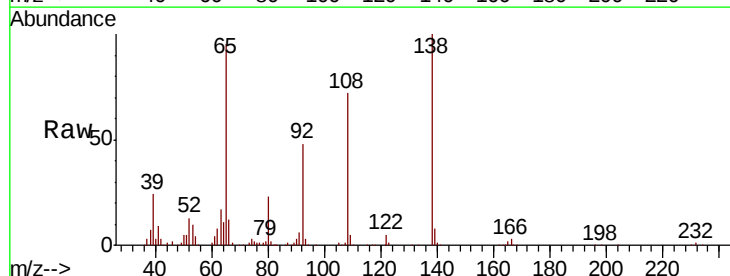


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

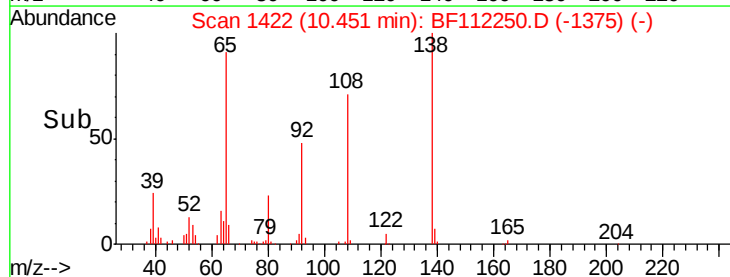
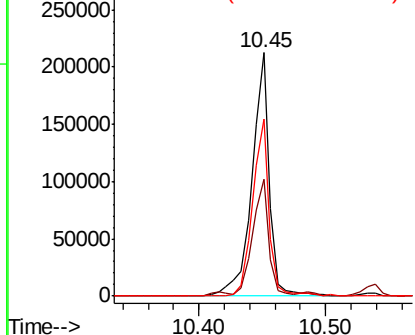


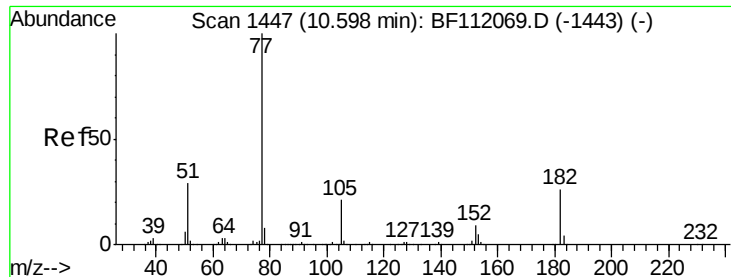
#62
 4-Nitroaniline
 Concen: 32.148 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.02 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion: 138 Resp: 205792
 Ion Ratio Lower Upper
 138 100
 92 48.0 30.6 70.6
 108 72.5 50.0 90.0



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E

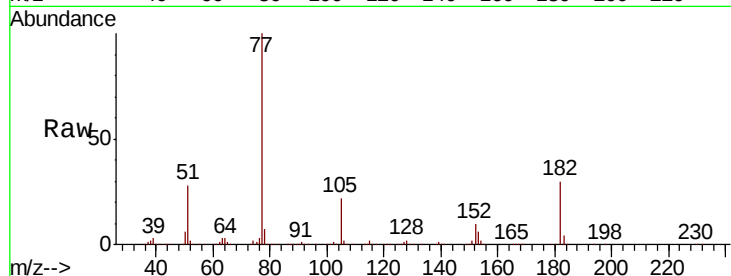




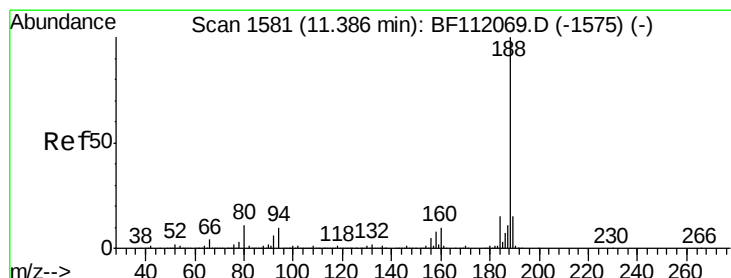
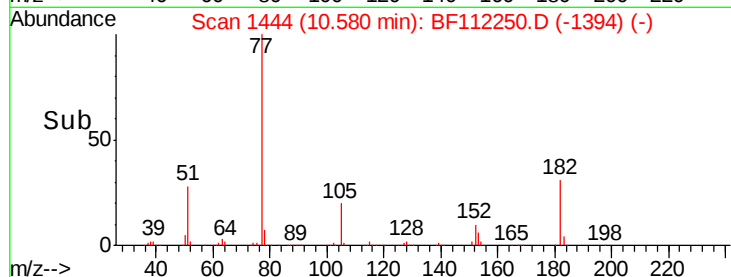
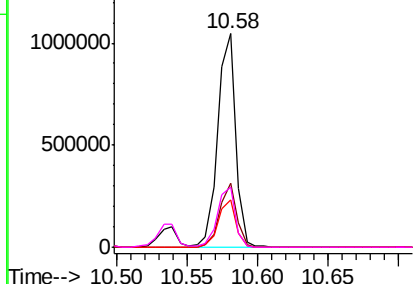
#63
Azobenzene
Concen: 39.238 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion:	77	Resp:	921151
Ion	Ratio	Lower	Upper
77	100		
182	30.2	5.7	45.7
105	22.0	1.4	41.4
51	28.0	9.5	49.5

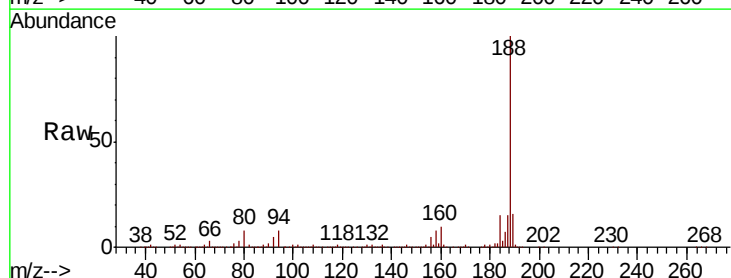


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

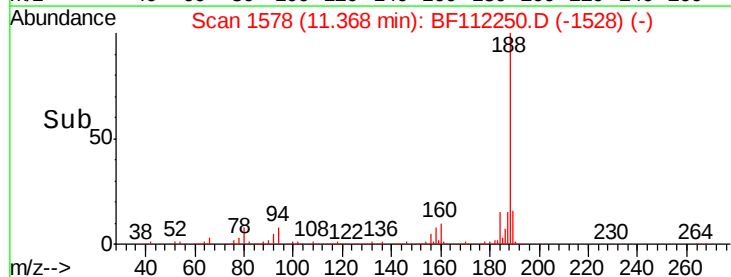
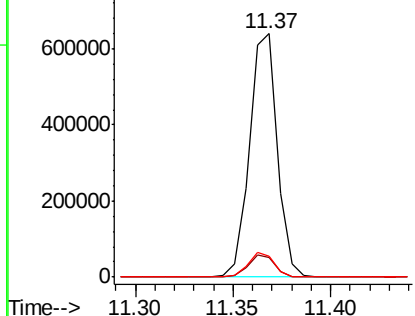


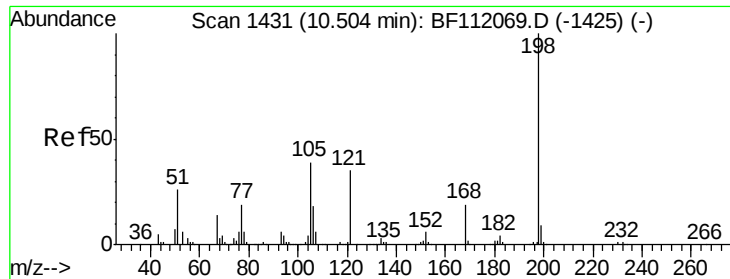
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:	188	Resp:	630039
Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.2	12.2#
80	8.4	8.9	13.3#



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

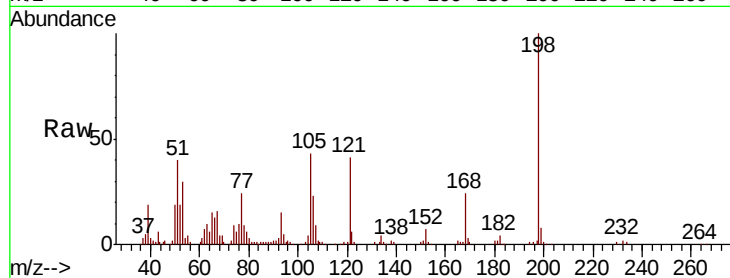




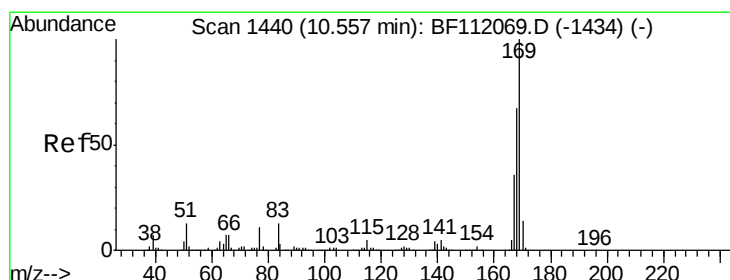
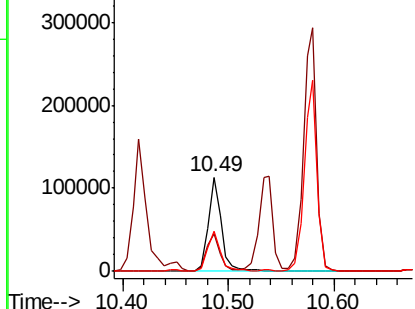
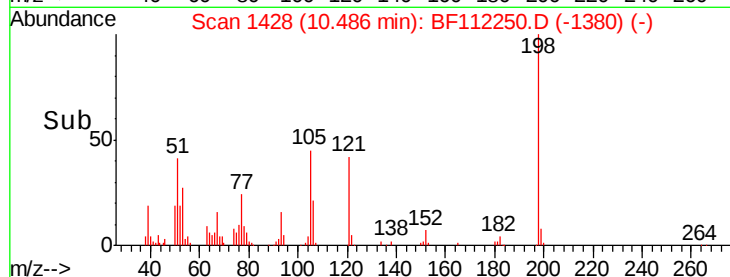
#65
4,6-Dinitro-2-methylphenol
Concen: 28.177 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion:198 Resp: 99532
Ion Ratio Lower Upper
198 100
51 39.6 17.2 57.2
105 43.0 21.9 61.9

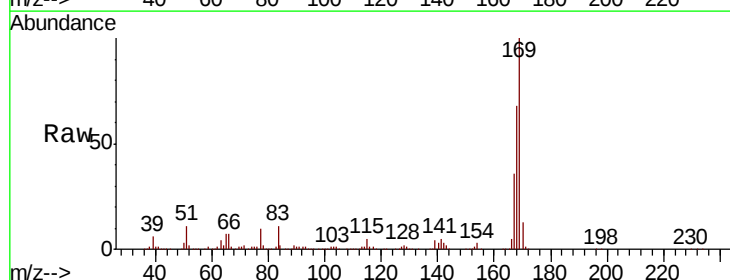


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

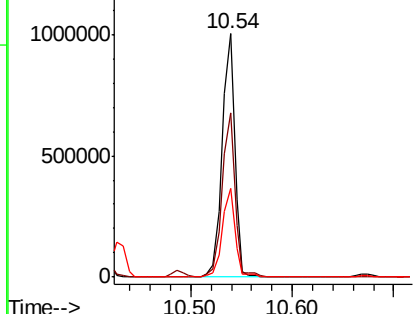
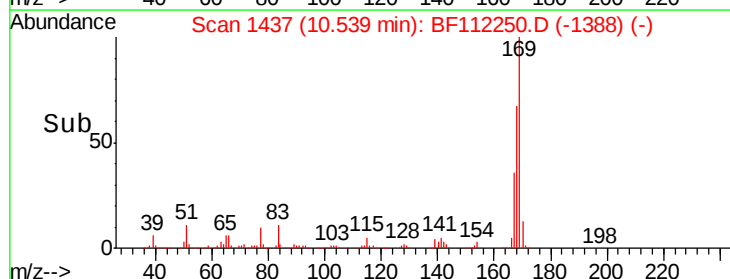


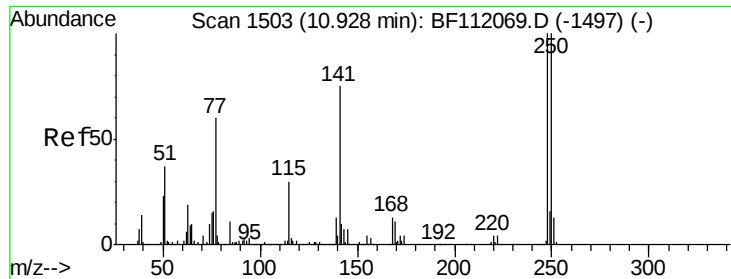
#66
n-Nitrosodiphenylamine
Concen: 40.812 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:169 Resp: 866612
Ion Ratio Lower Upper
169 100
168 67.5 53.9 80.9
167 36.5 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

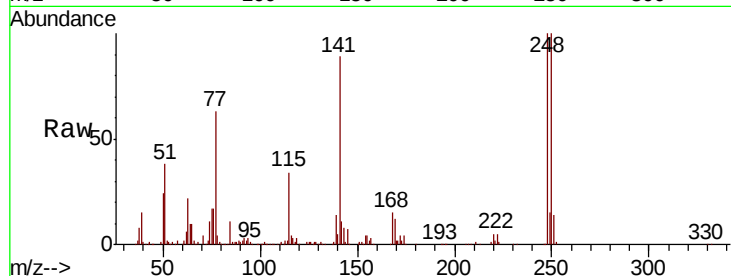




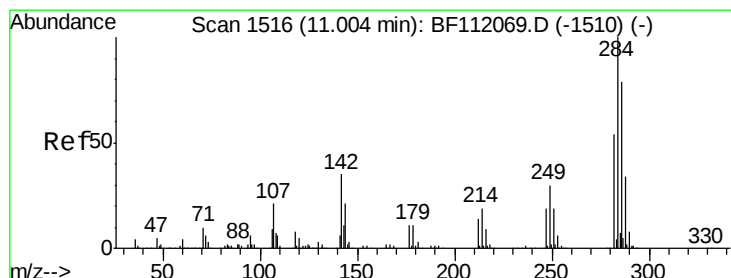
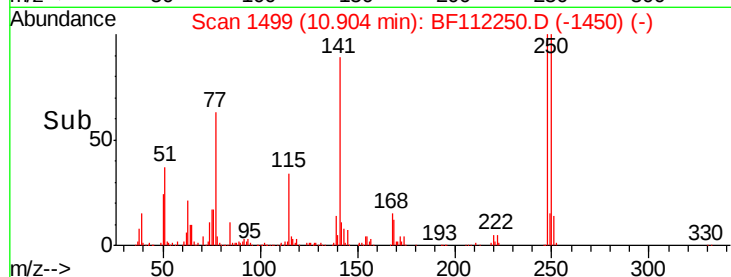
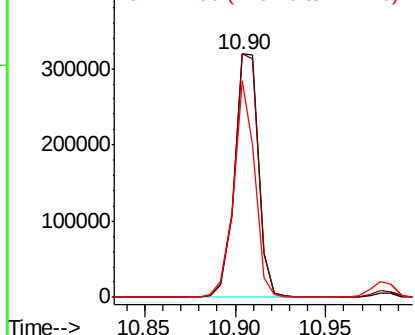
#67
4-Bromophenyl-phenylether
Concen: 39.663 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

Tgt Ion:248 Resp: 293908
Ion Ratio Lower Upper
248 100
250 99.9 79.7 119.5
141 89.2 60.3 90.5

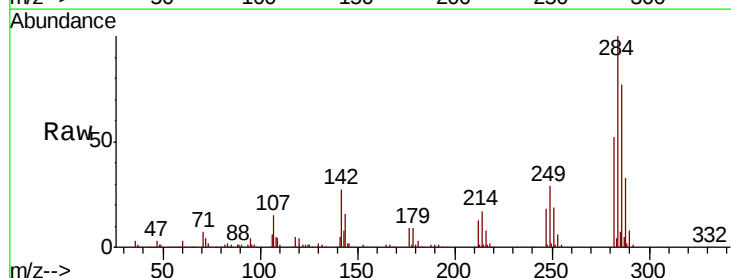


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

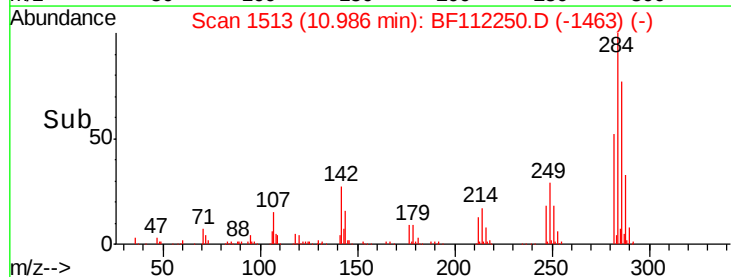
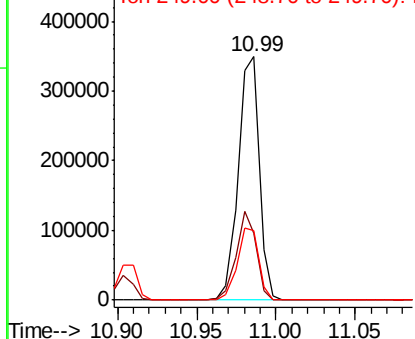


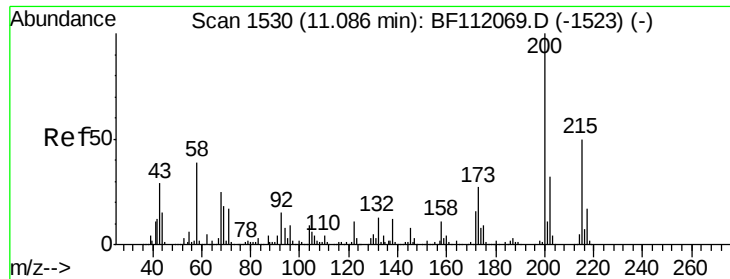
#68
Hexachlorobenzene
Concen: 40.465 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:284 Resp: 321707
Ion Ratio Lower Upper
284 100
142 27.3 27.6 41.4#
249 28.8 24.1 36.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.657 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

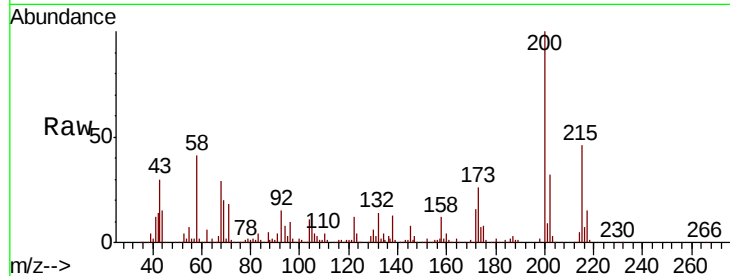
Tgt Ion:200 Resp: 292268

Ion Ratio Lower Upper

200 100

173 26.4 7.1 47.1

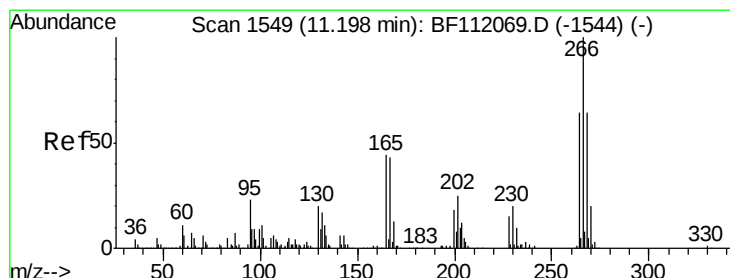
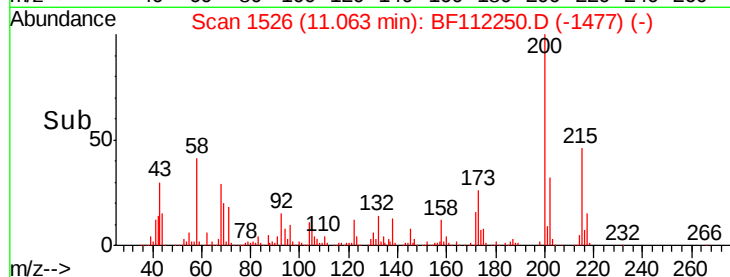
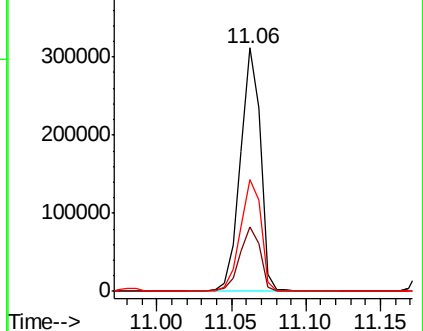
215 46.1 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.527 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

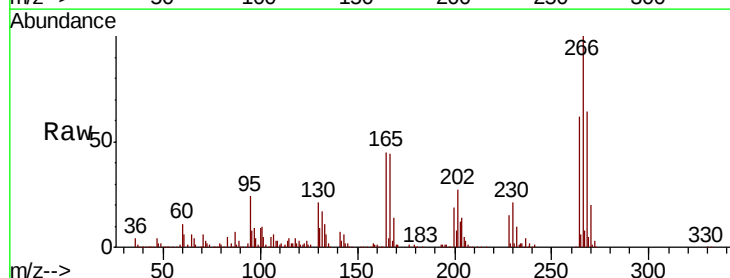
Tgt Ion:266 Resp: 215079

Ion Ratio Lower Upper

266 100

268 63.7 51.2 76.8

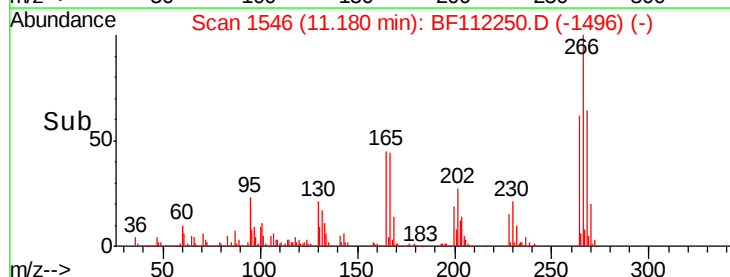
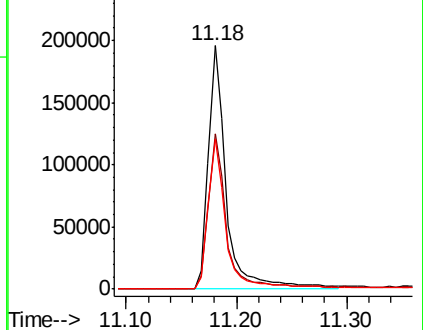
264 61.9 50.9 76.3

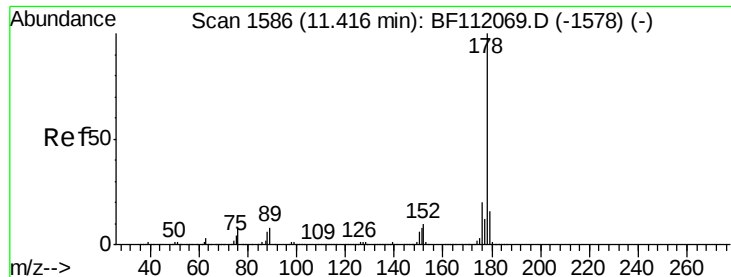


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

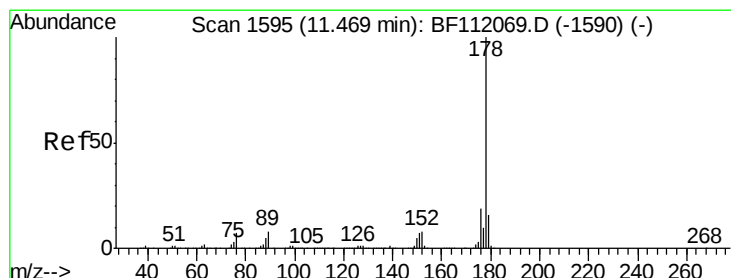
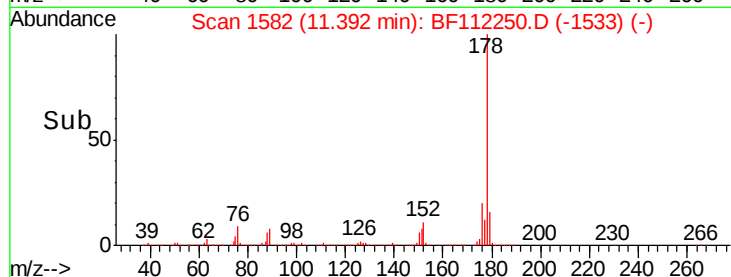
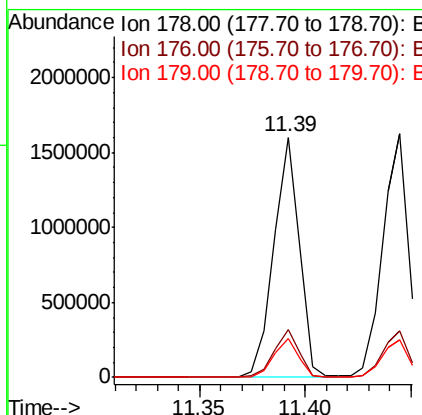
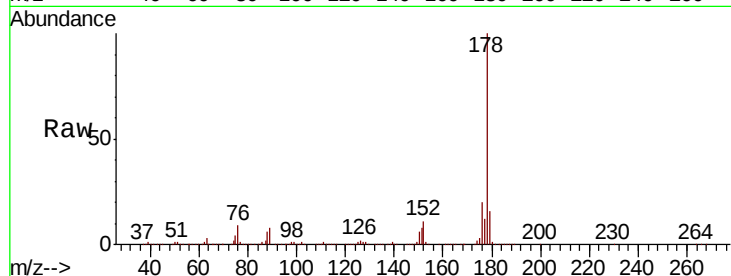




#71
Phenanthrene
Concen: 41.201 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

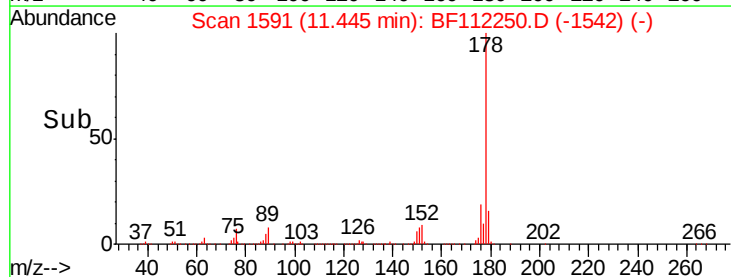
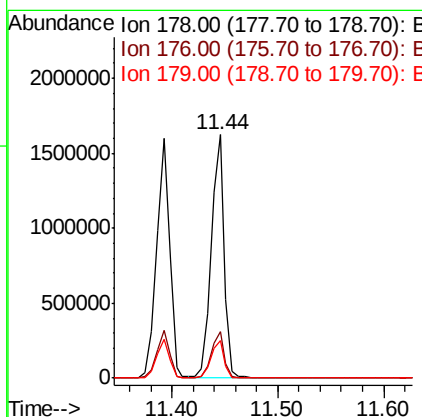
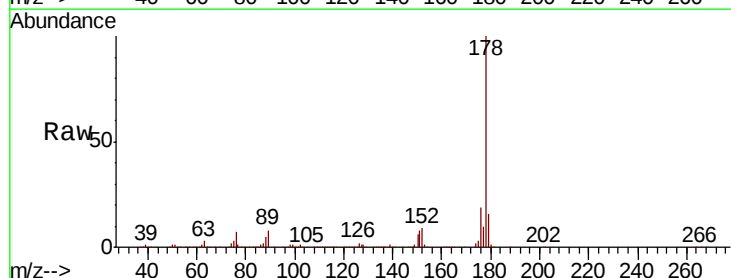
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

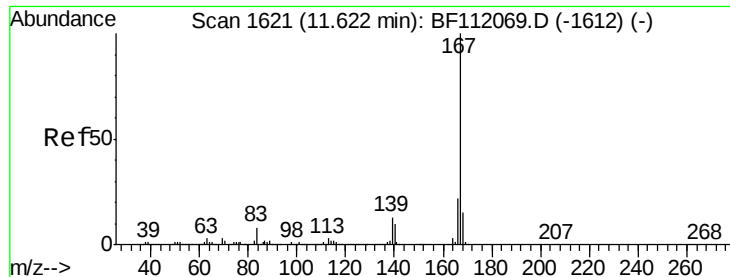
Tgt Ion:178 Resp: 1349528
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.2 13.0 19.4



#72
Anthracene
Concen: 43.028 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion:178 Resp: 1403905
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 15.6 12.8 19.2

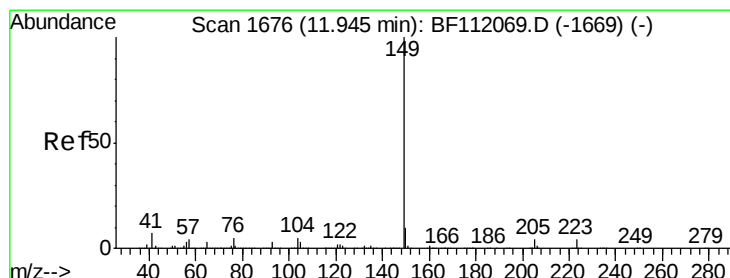
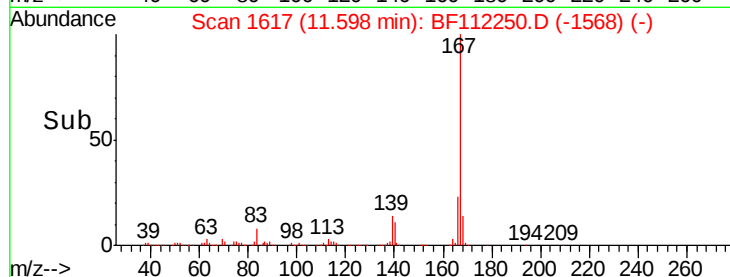
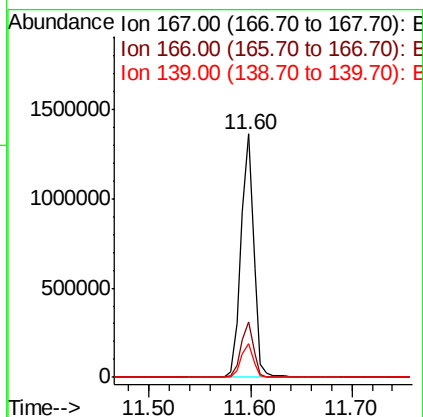
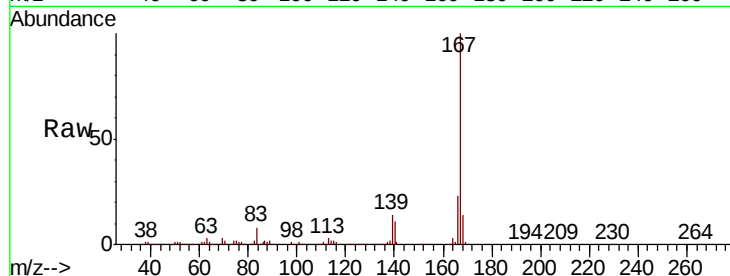




#73
 Carbazole
 Concen: 37.193 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

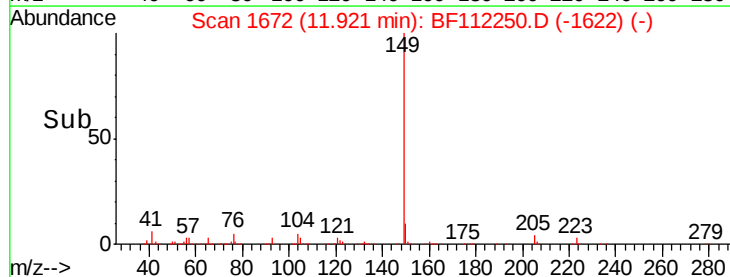
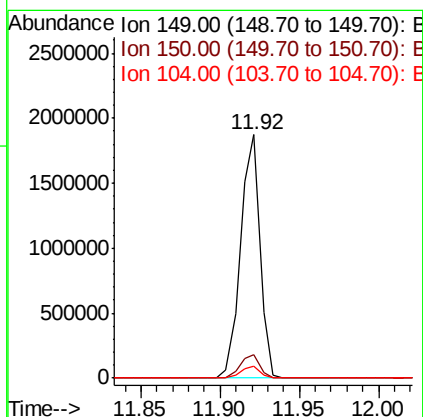
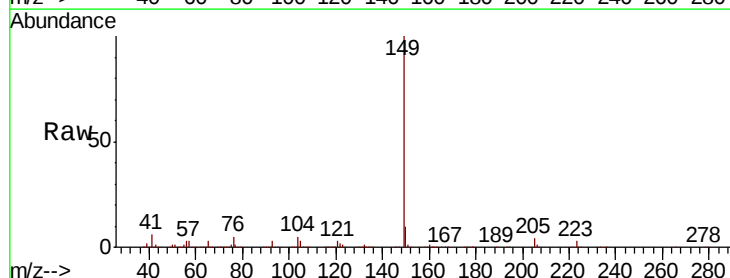
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MSD

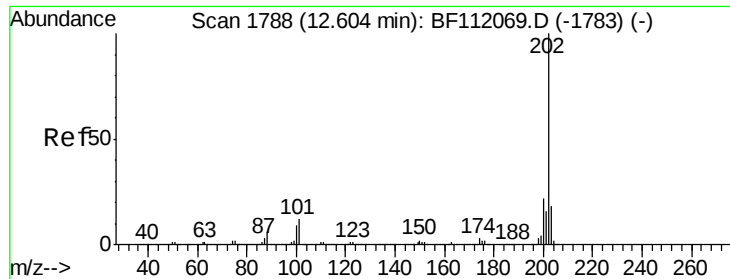
Tgt Ion:167 Resp: 1197063
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 13.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 39.634 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF112250.D
 Acq: 25 Jan 2019 23:40

Tgt Ion:149 Resp: 1583338
 Ion Ratio Lower Upper
 149 100
 150 9.5 8.1 12.1
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 36.720 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

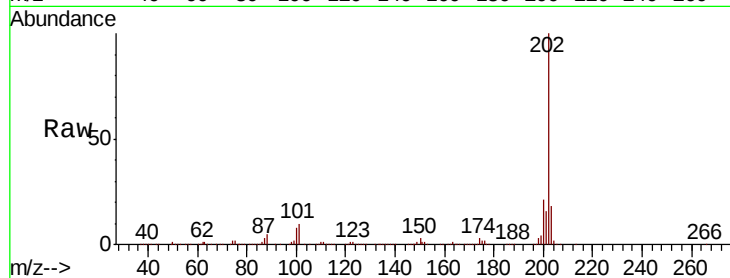
Tgt Ion:202 Resp: 1290014

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.8

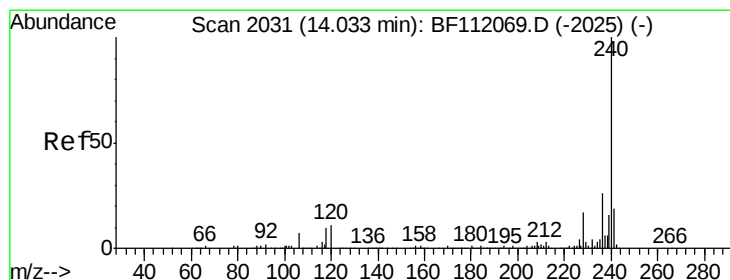
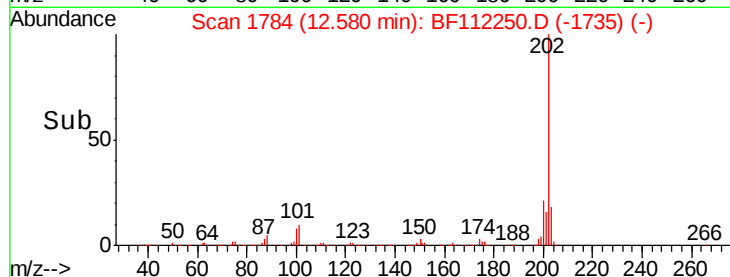
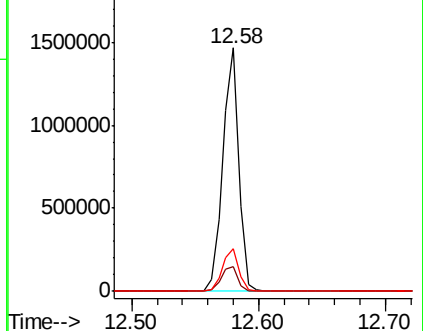
203 17.6 0.0 38.4



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

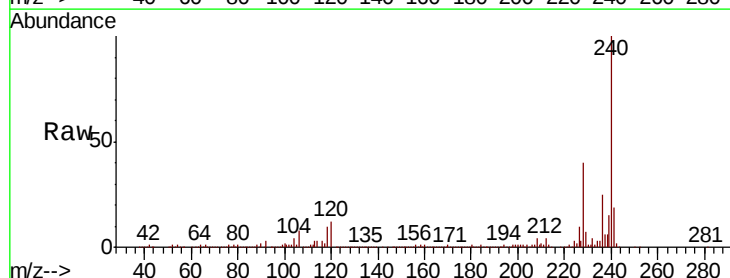
Tgt Ion:240 Resp: 378393

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

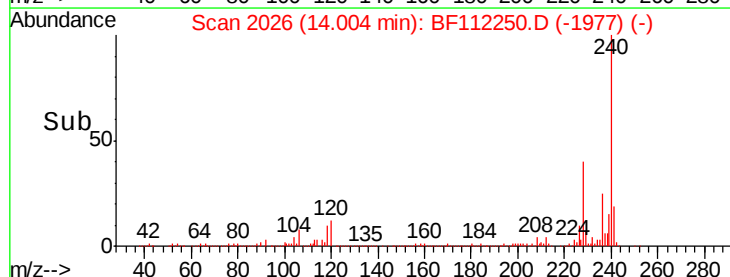
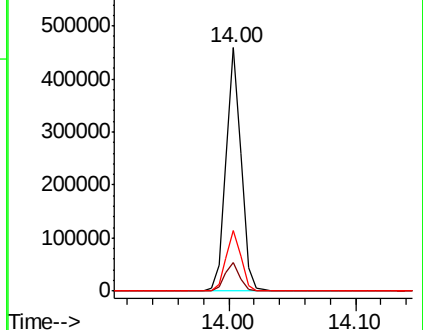
236 24.7 20.7 31.1

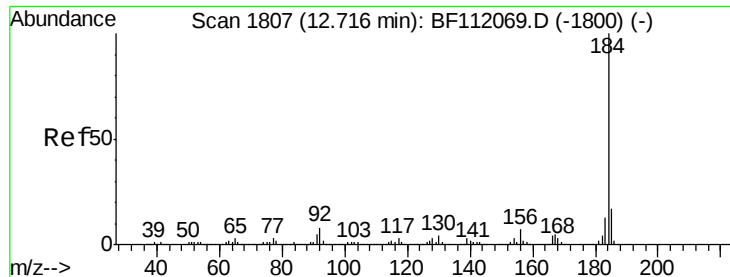


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.904 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

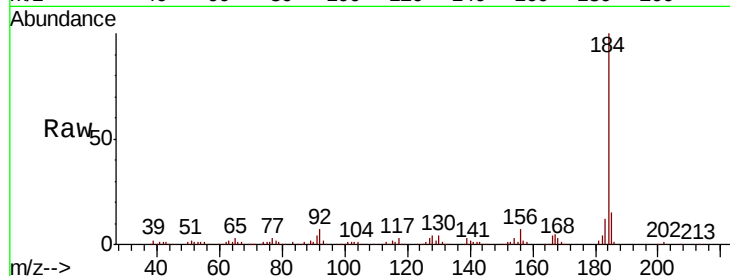
Tgt Ion:184 Resp: 155224

Ion Ratio Lower Upper

184 100

185 14.8 13.9 20.9

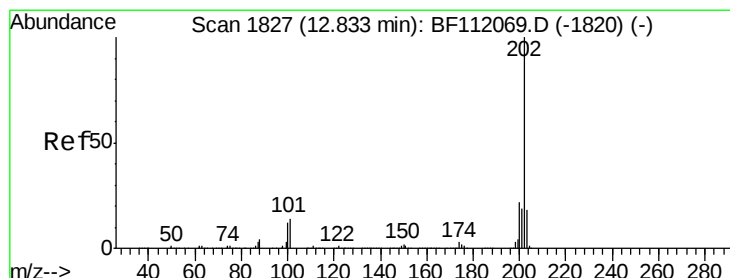
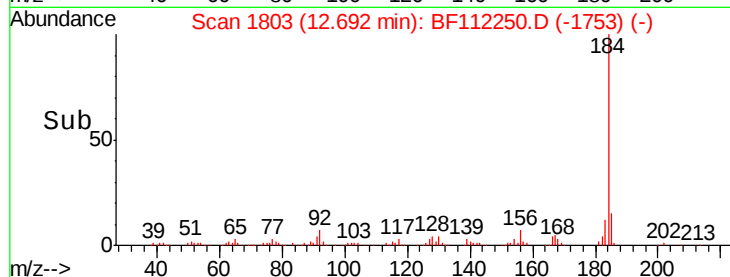
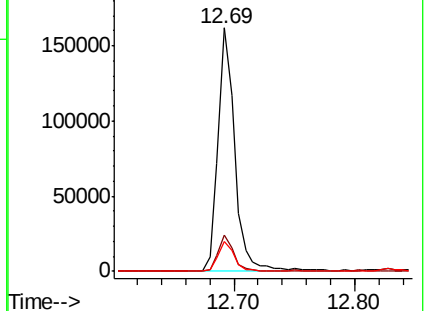
183 12.4 10.0 15.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.409 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

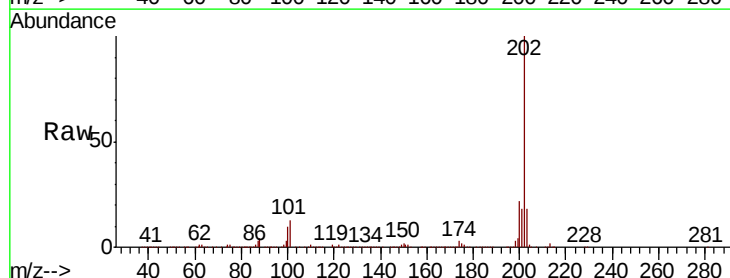
Tgt Ion:202 Resp: 1242002

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

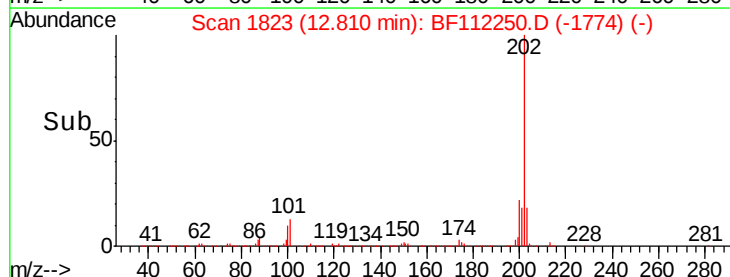
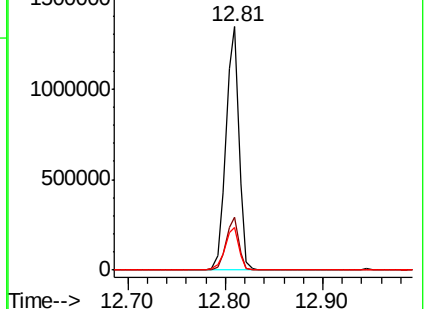
203 17.7 14.6 22.0

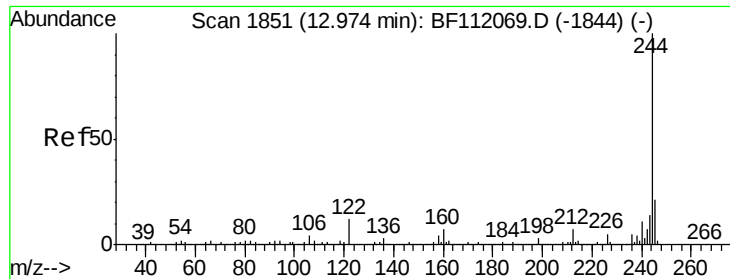


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.241 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

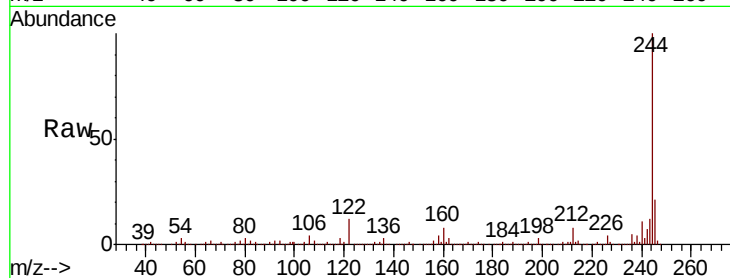
Tgt Ion:244 Resp: 1772800

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

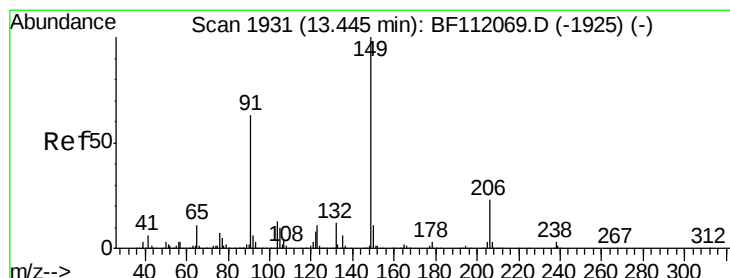
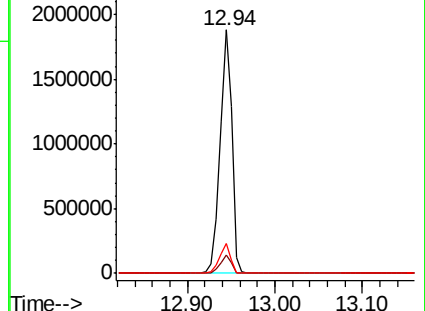
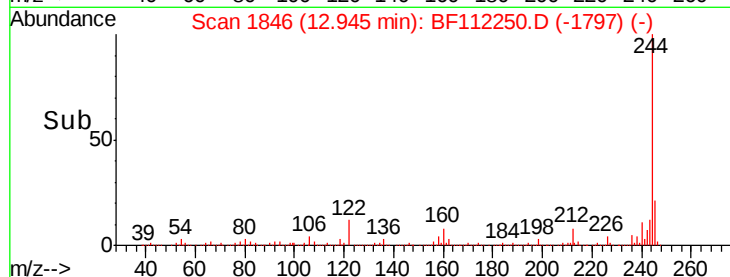
122 12.2 9.8 14.6



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



#80

Butylbenzylphthalate

Concen: 46.131 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

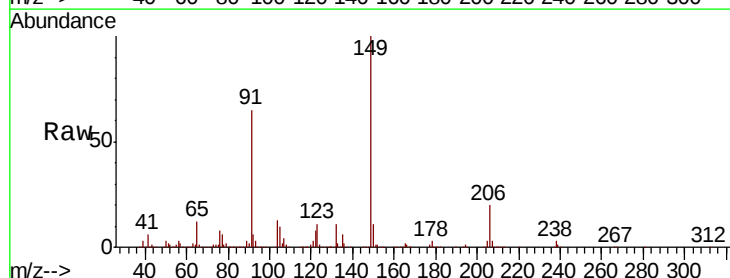
Tgt Ion:149 Resp: 584714

Ion Ratio Lower Upper

149 100

91 65.0 50.3 75.5

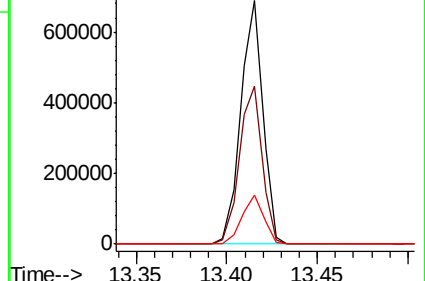
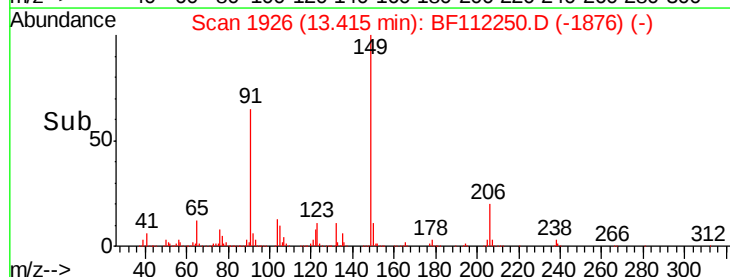
206 20.2 18.2 27.4

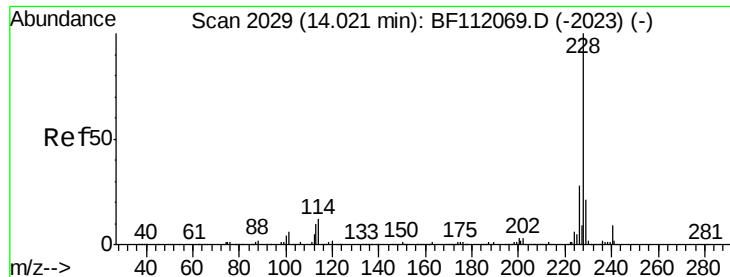


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.080 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

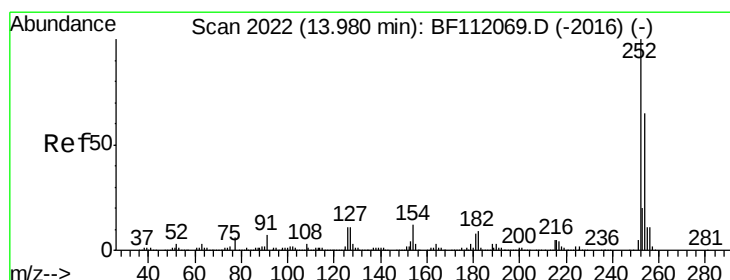
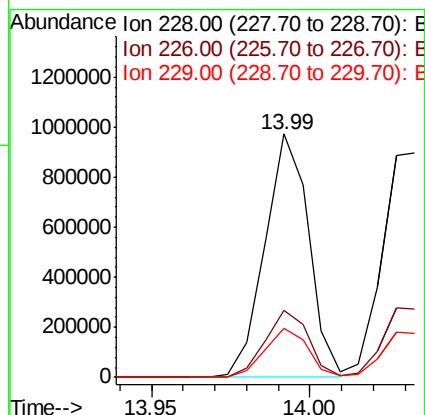
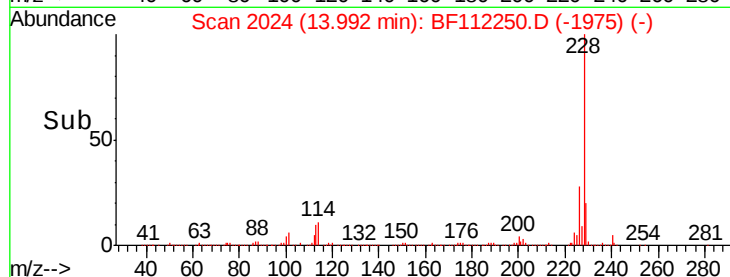
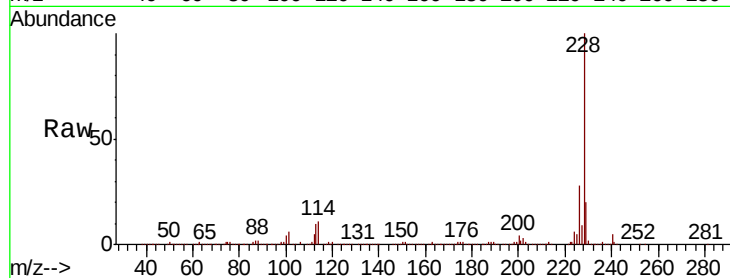
Tgt Ion:228 Resp: 936015

Ion Ratio Lower Upper

228 100

226 27.5 22.6 34.0

229 20.0 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 9.877 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

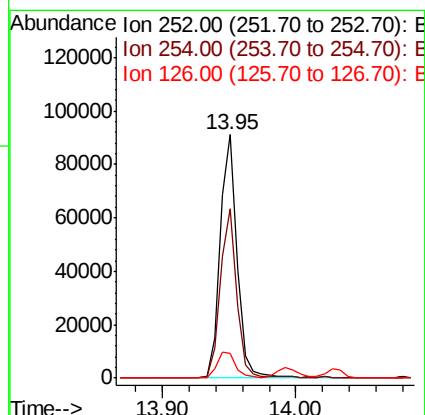
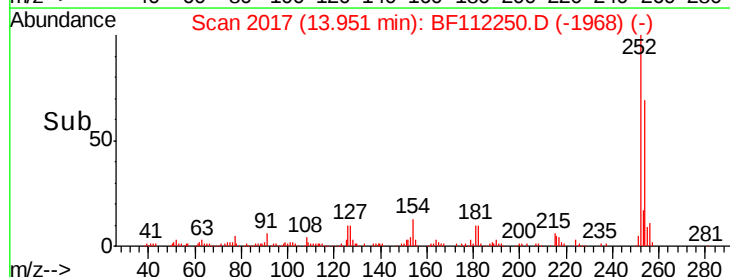
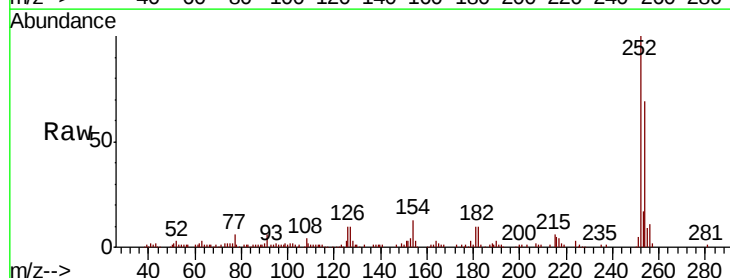
Tgt Ion:252 Resp: 82225

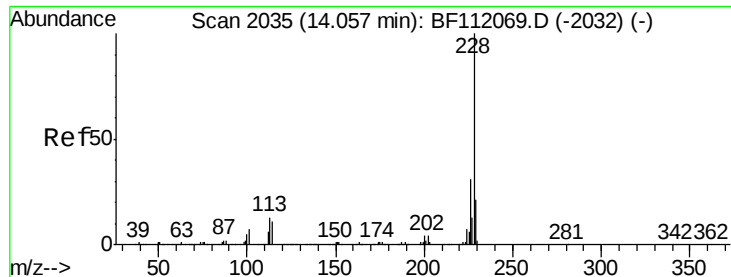
Ion Ratio Lower Upper

252 100

254 69.3 51.6 77.4

126 10.2 8.6 12.8





#83

Chrysene

Concen: 40.876 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

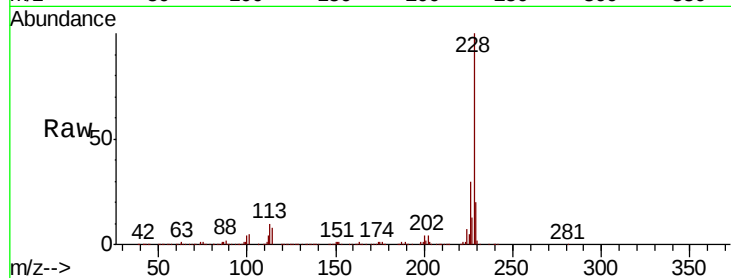
Tgt Ion:228 Resp: 867916

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

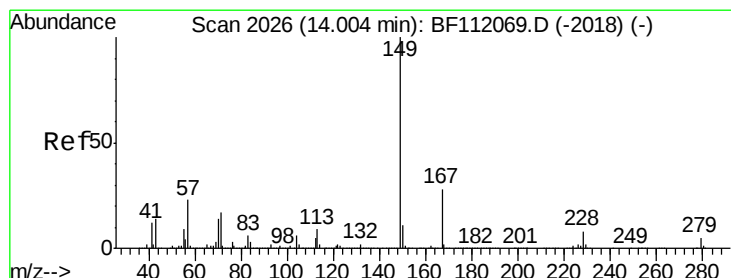
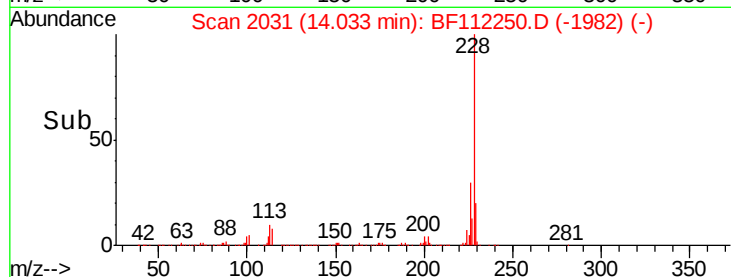
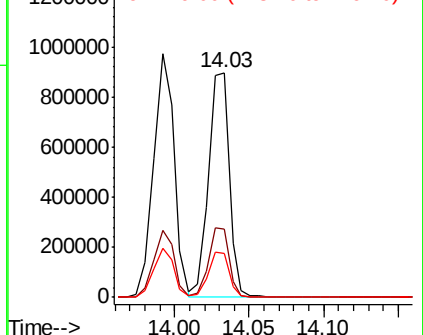
229 19.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.301 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

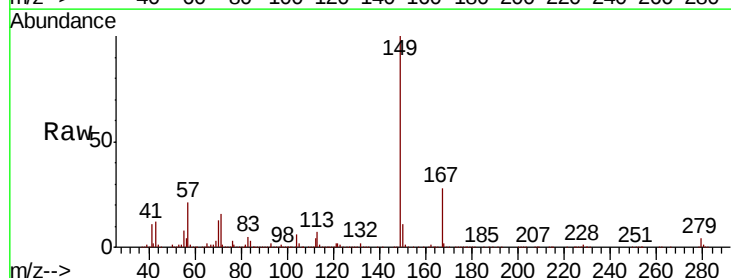
Tgt Ion:149 Resp: 797061

Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

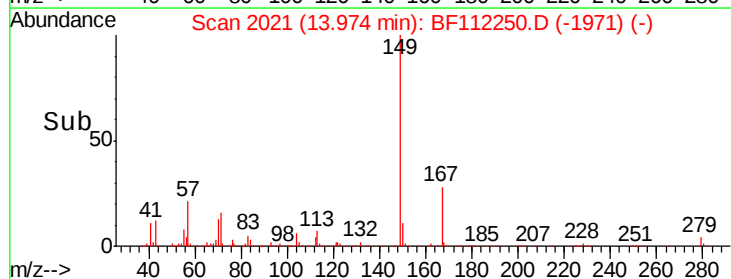
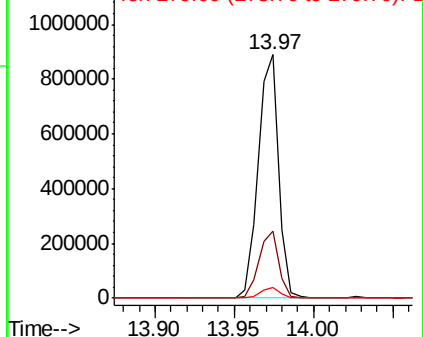
279 4.5 3.8 5.6

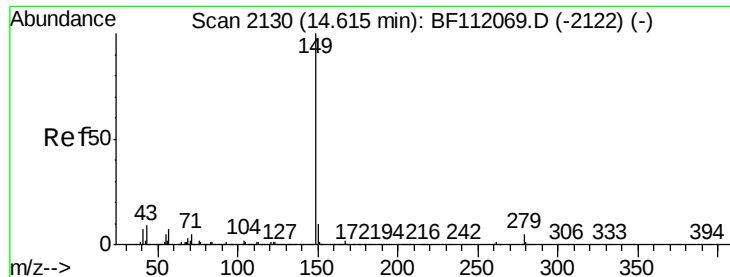


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.738 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

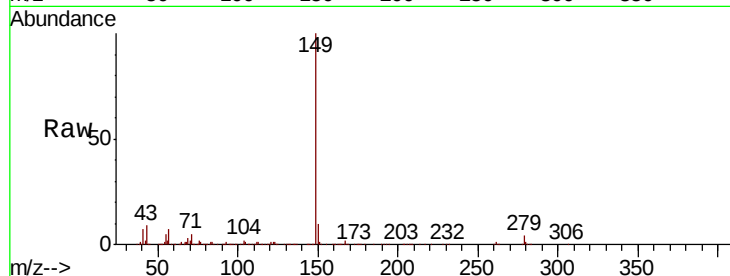
Tgt Ion:149 Resp: 1183036

Ion Ratio Lower Upper

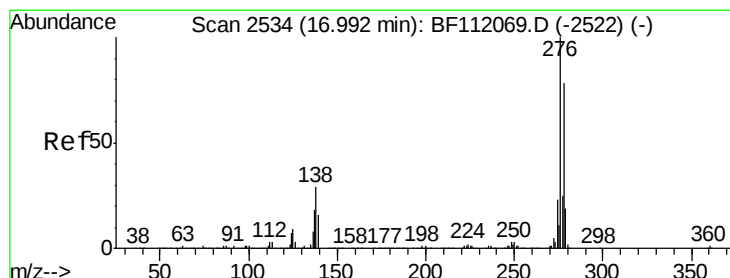
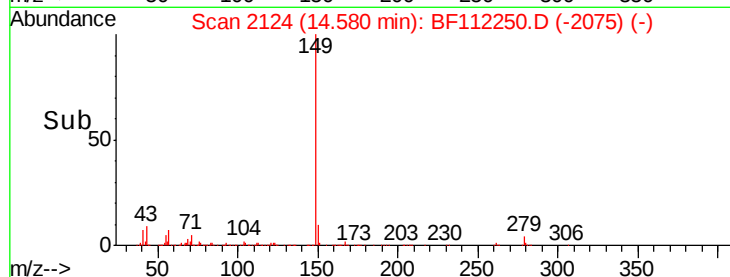
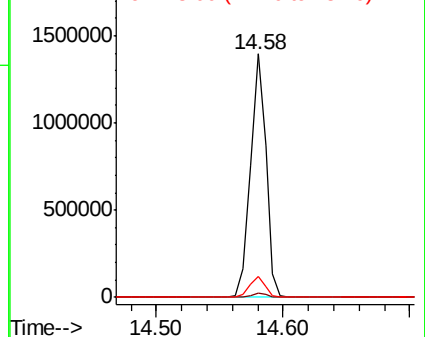
149 100

167 1.7 1.3 1.9

43 8.5 7.8 11.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.689 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

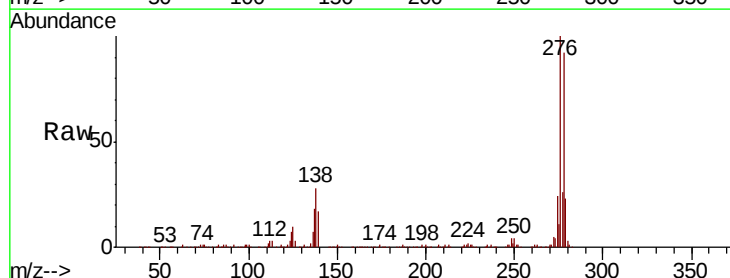
Tgt Ion:276 Resp: 869643

Ion Ratio Lower Upper

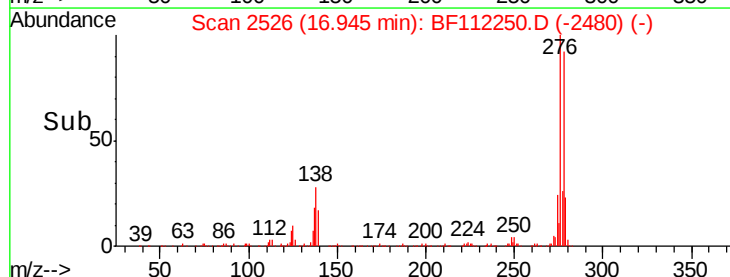
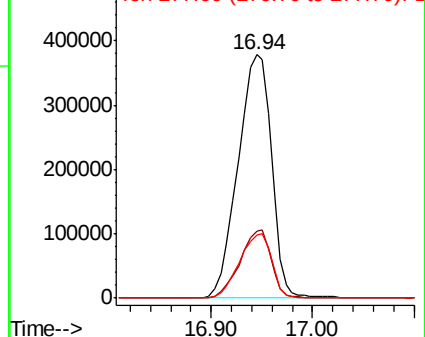
276 100

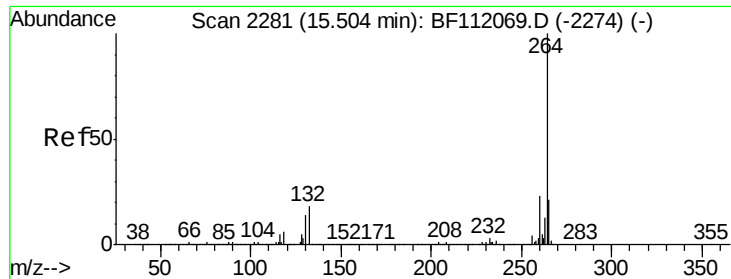
138 26.2 22.6 34.0

277 26.0 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

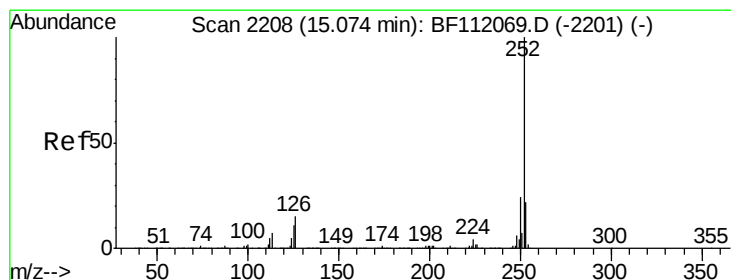
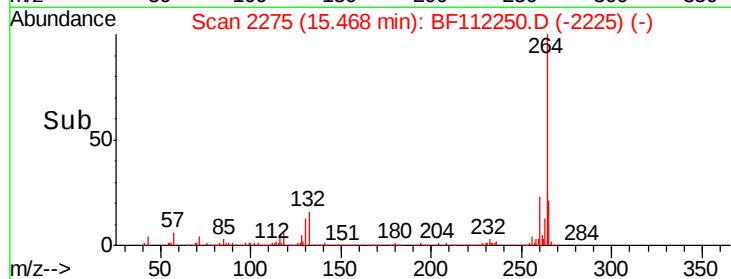
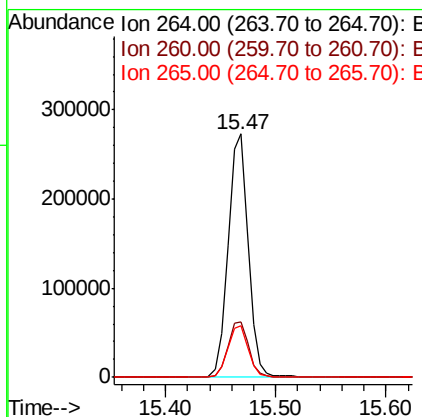
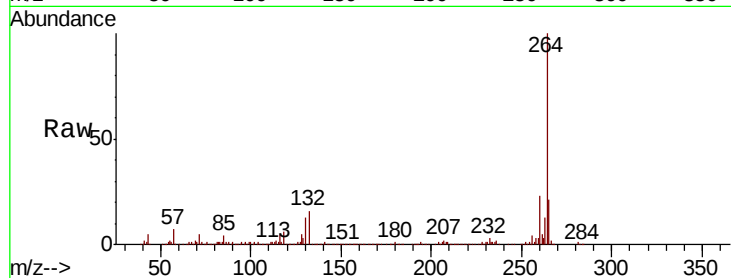




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

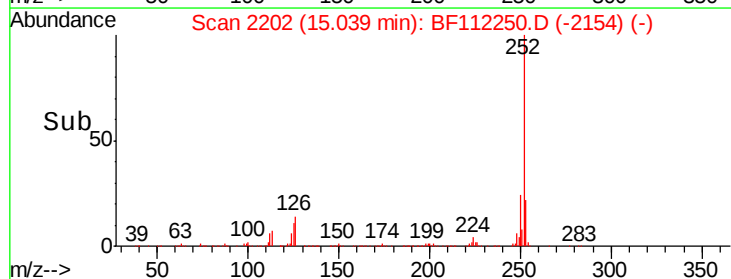
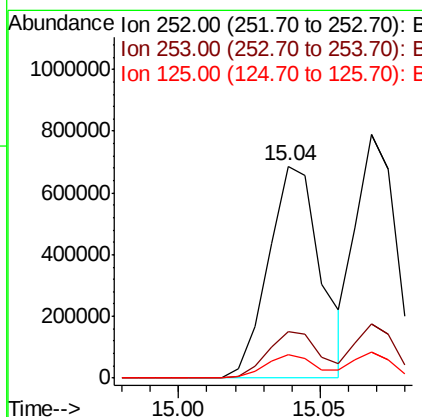
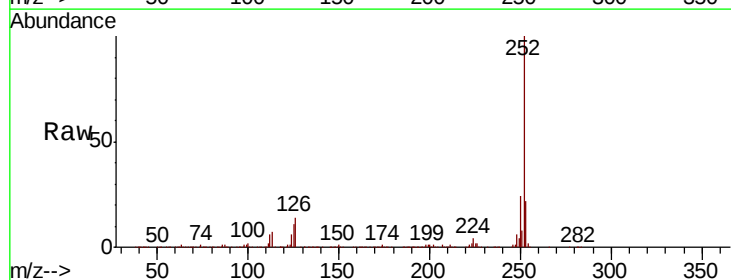
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

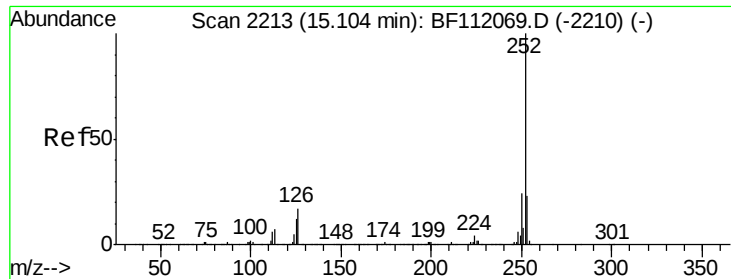
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	21.3	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 42.213 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.0	8.7	13.1

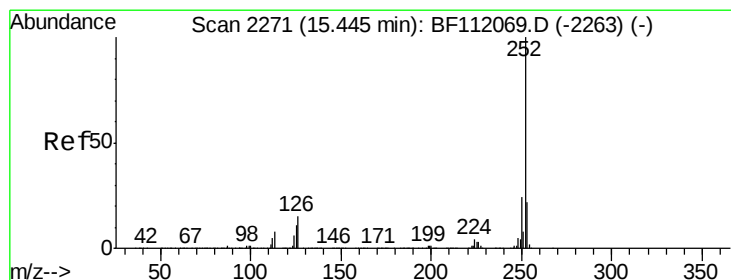
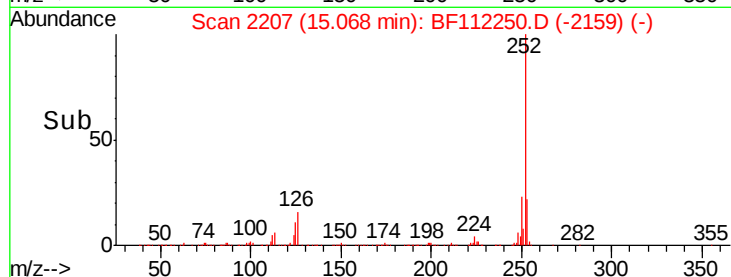
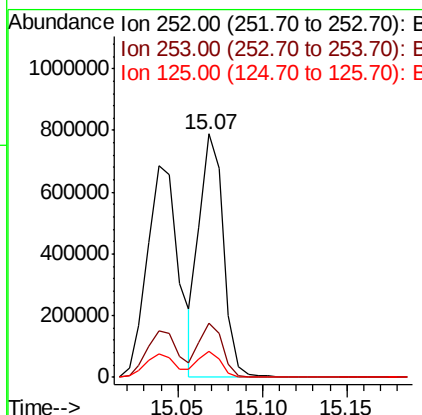
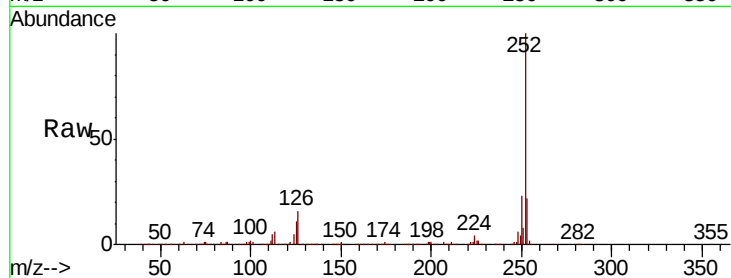




#89
Benzo(k)fluoranthene
Concen: 38.754 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

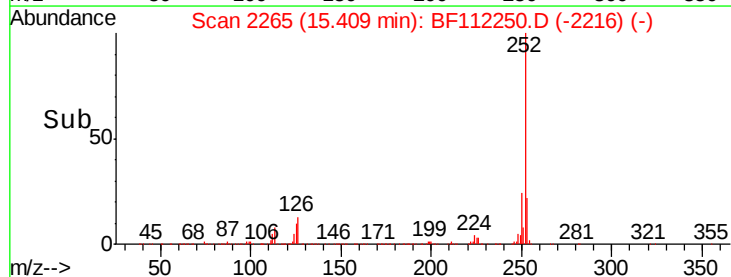
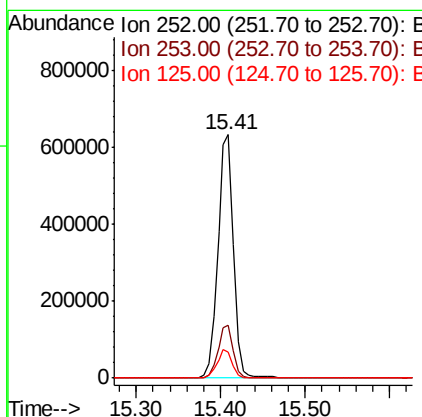
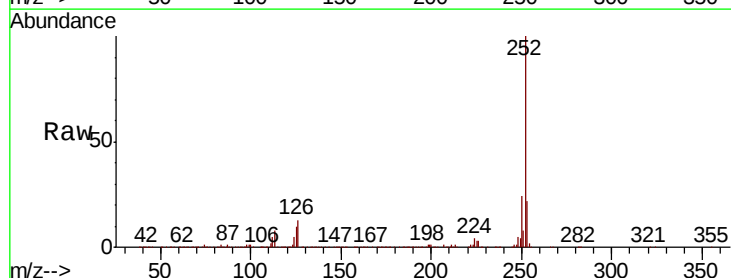
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MSD

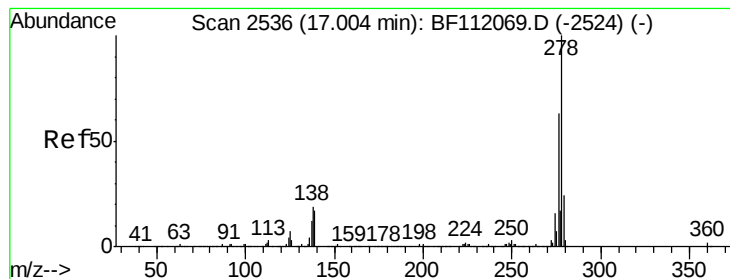
Tgt Ion: 252 Resp: 778399
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 10.8 9.1 13.7



#90
Benzo(a)pyrene
Concen: 43.510 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF112250.D
Acq: 25 Jan 2019 23:40

Tgt Ion: 252 Resp: 820948
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.4 9.0 13.4





#91

Dibenzo(a,h)anthracene

Concen: 48.144 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.03 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MSD

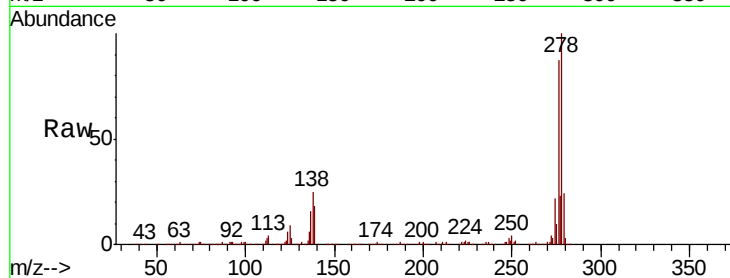
Tgt Ion: 278 Resp: 732113

Ion Ratio Lower Upper

278 100

139 17.9 13.7 20.5

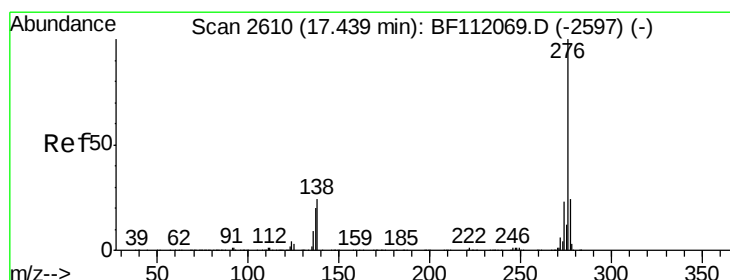
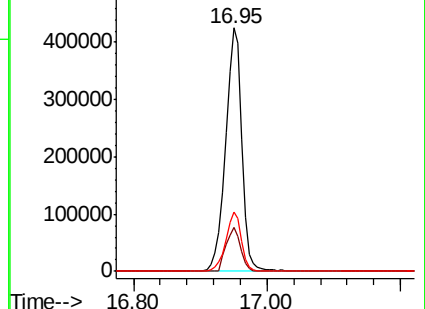
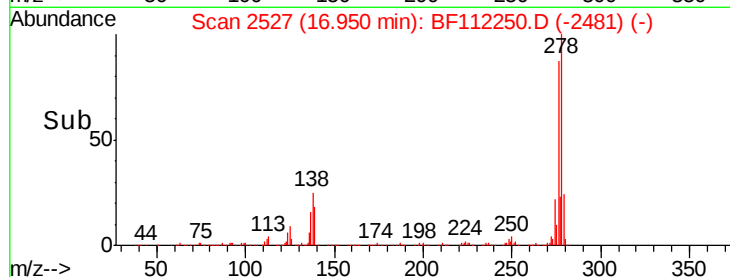
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.344 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.02 min

Lab File: BF112250.D

Acq: 25 Jan 2019 23:40

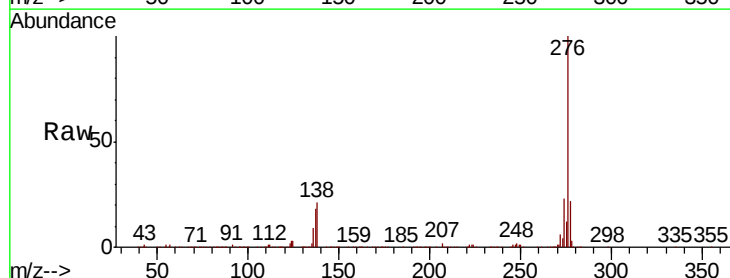
Tgt Ion: 276 Resp: 707926

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.0

138 21.2 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

