

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
 Data File : BF112249.D
 Acq On : 25 Jan 2019 23:13
 Operator : JU/SJ
 Sample : K1003-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Quant Time: Jan 27 23:43:04 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	6.84	152	105865	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	421146	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	207485	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	402119	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	266930	20.00	ng	-0.01
87) Perylene-d12	15.46	264	237220	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	723652	145.19	ng	0.00
7) Phenol-d6	6.49	99	842727	121.68	ng	-0.02
23) Nitrobenzene-d5	7.40	82	613379	83.92	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	315958	130.83	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1291465	88.03	ng	-0.01
79) Terphenyl-d14	12.94	244	1362078	96.11	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	104212	52.488	ng	95
3) Pyridine	3.40	79	204161	40.424	ng	98
4) n-Nitrosodimethylamine	3.31	42	124910	58.867	ng	99
6) Aniline	6.50	93	67585	8.204	ng	# 1
8) 2-Chlorophenol	6.63	128	285771	42.621	ng	98
9) Benzaldehyde	6.39	77	50983	14.084	ng	95
10) Phenol	6.50	94	279252	36.752	ng	82
11) bis(2-Chloroethyl)ether	6.57	93	248512	41.544	ng	96
12) 1,3-Dichlorobenzene	6.78	146	302502	38.740	ng	97
13) 1,4-Dichlorobenzene	6.86	146	309499	38.513	ng	99
14) 1,2-Dichlorobenzene	7.01	146	297911	39.594	ng	94
15) Benzyl Alcohol	6.99	79	237582	40.695	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	312236	40.653	ng	85
17) 2-Methylphenol	7.10	107	216998	40.827	ng	95
18) Hexachloroethane	7.35	117	108168	38.331	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	194405	40.709	ng	95
20) 3+4-Methylphenols	7.26	107	286149	42.101	ng	# 71
22) Acetophenone	7.25	105	398356	38.845	ng	# 93
24) Nitrobenzene	7.42	77	293913	40.264	ng	97
25) Isophorone	7.66	82	518634	45.231	ng	99
26) 2-Nitrophenol	7.74	139	155423	39.842	ng	96
27) 2,4-Dimethylphenol	7.78	122	251113	46.721	ng	94
28) bis(2-Chloroethoxy)methane	7.87	93	329895	42.253	ng	99
29) 2,4-Dichlorophenol	7.99	162	251436	41.804	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	270426	39.115	ng	99
31) Naphthalene	8.15	128	849232	43.120	ng	99
32) Benzoic acid	7.90	122	102431	33.411	ng	99
33) 4-Chloroaniline	8.20	127	53805	6.274	ng	98
34) Hexachlorobutadiene	8.26	225	150146	37.009	ng	99
35) Caprolactam	8.58	113	19409	9.147	ng	97
36) 4-Chloro-3-methylphenol	8.69	107	252844	39.710	ng	98
37) 2-Methylnaphthalene	8.84	142	601511	44.614	ng	98
38) 1-Methylnaphthalene	8.93	142	568401	43.984	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	276228	40.547	ng	99

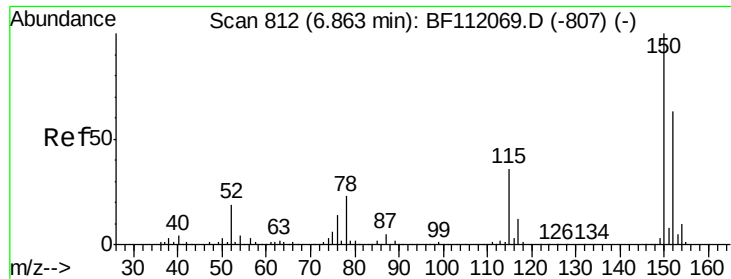
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	93898	41.552	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	174736	41.611	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	185515	42.270	ng	96
46) 1,1'-Biphenyl	9.30	154	738246	40.699	ng	99
47) 2-Chloronaphthalene	9.33	162	566715	40.289	ng	97
48) 2-Nitroaniline	9.42	65	150911	39.362	ng	92
49) Acenaphthylene	9.74	152	903729	43.834	ng	98
50) Dimethylphthalate	9.60	163	669383	41.524	ng	99
51) 2,6-Dinitrotoluene	9.66	165	151902	42.074	ng	99
52) Acenaphthene	9.91	154	519085	42.147	ng	99
53) 3-Nitroaniline	9.83	138	50567	12.928	ng	86
54) 2,4-Dinitrophenol	9.95	184	53106	45.834	ng	# 85
55) Dibenzofuran	10.09	168	801915	42.608	ng	98
56) 4-Nitrophenol	10.01	139	156036	75.456	ng	91
57) 2,4-Dinitrotoluene	10.07	165	198701	43.231	ng	91
58) Fluorene	10.43	166	637893	45.291	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	126478	38.448	ng	97
60) Diethylphthalate	10.29	149	676817	42.307	ng	97
61) 4-Chlorophenyl-phenylether	10.42	204	309685	40.422	ng	94
62) 4-Nitroaniline	10.45	138	135214	35.244	ng	96
63) Azobenzene	10.57	77	577878	41.072	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	57031	25.296	ng	89
66) n-Nitrosodiphenylamine	10.53	169	564317	41.639	ng	99
67) 4-Bromophenyl-phenylether	10.90	248	188775	39.914	ng	98
68) Hexachlorobenzene	10.98	284	204508	40.304	ng	99
69) Atrazine	11.06	200	185034	42.313	ng	99
70) Pentachlorophenol	11.18	266	133631	67.682	ng	97
71) Phenanthrene	11.39	178	921415	44.075	ng	97
72) Anthracene	11.44	178	957778	45.993	ng	98
73) Carbazole	11.59	167	827255	40.272	ng	99
74) Di-n-butylphthalate	11.92	149	1069136	41.931	ng	99
75) Fluoranthene	12.58	202	929328	41.446	ng	96
77) Benzidine	12.69	184	47540	6.471	ng	# 95
78) Pyrene	12.80	202	922512	49.918	ng	98
80) Butylbenzylphthalate	13.42	149	425530	47.592	ng	98
81) Benzo(a)anthracene	13.99	228	696909	44.413	ng	98
82) 3,3'-Dichlorobenzidine	13.95	252	65883	11.219	ng	96
83) Chrysene	14.03	228	652638	43.572	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	597057	47.042	ng	98
85) Di-n-octyl phthalate	14.58	149	899643	46.071	ng	97
86) Indeno(1,2,3-cd)pyrene	16.94	276	609245	51.333	ng	97
88) Benzo(b)fluoranthene	15.04	252	585275	41.255	ng	99
89) Benzo(k)fluoranthene	15.07	252	593712	43.691	ng	99
90) Benzo(a)pyrene	15.40	252	568199	44.512	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	504873	49.074	ng	98
92) Benzo(g,h,i)perylene	17.38	276	484731	49.940	ng	97

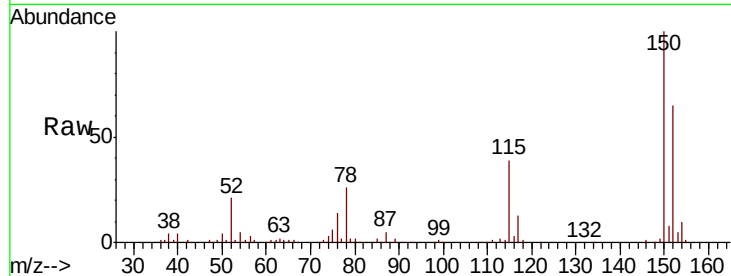
(#) = qualifier out of range (m) = manual integration (+) = signals summed



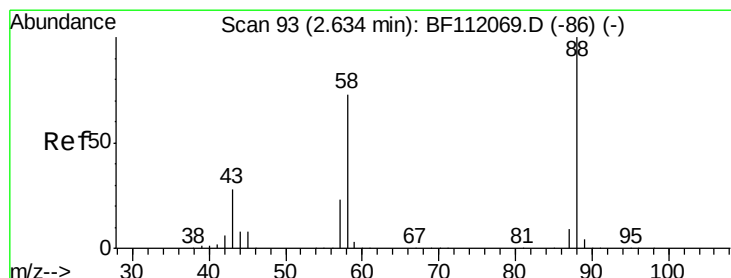
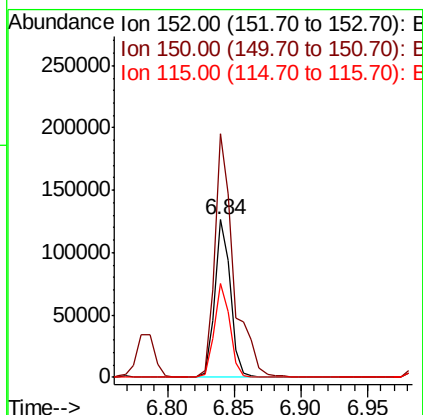
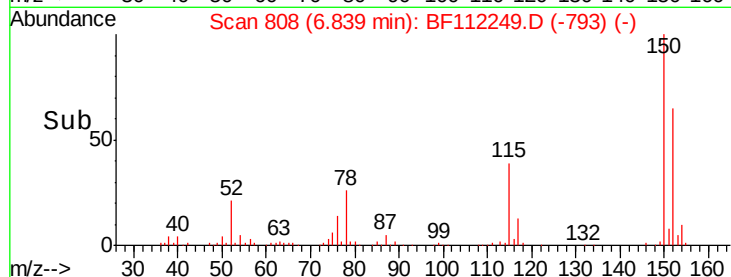
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion: 152 Resp: 105865
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.4 191.0
 115 59.7 45.5 68.3

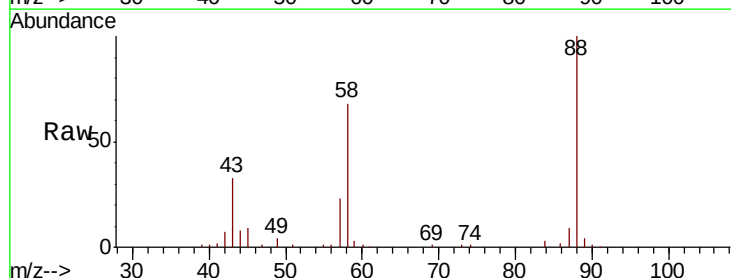


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

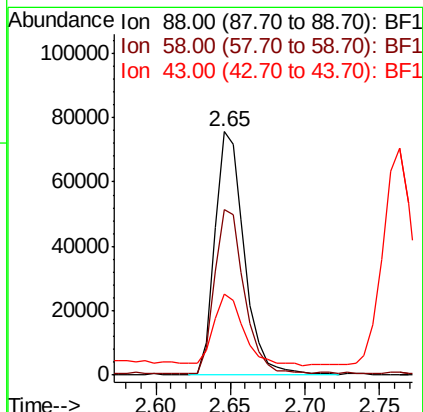
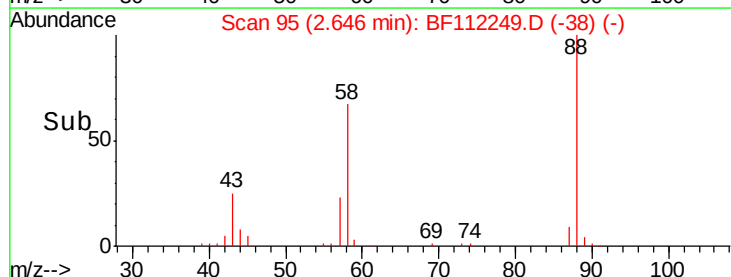


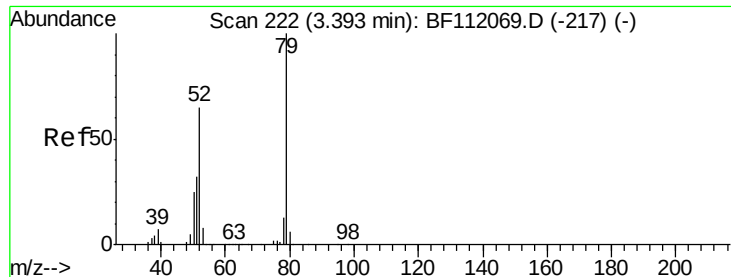
#2
 1,4-Dioxane
 Concen: 52.488 ng
 RT: 2.65 min Scan# 95
 Delta R.T. 0.04 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion: 88 Resp: 104212
 Ion Ratio Lower Upper
 88 100
 58 67.4 57.4 86.2
 43 30.5 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: 40.424 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.04 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

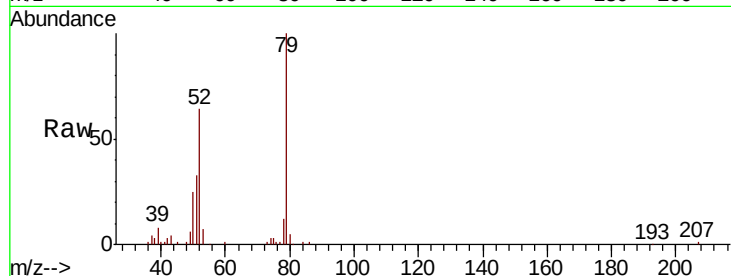
Tgt Ion: 79 Resp: 204161

Ion Ratio Lower Upper

79 100

52 63.7 52.4 78.6

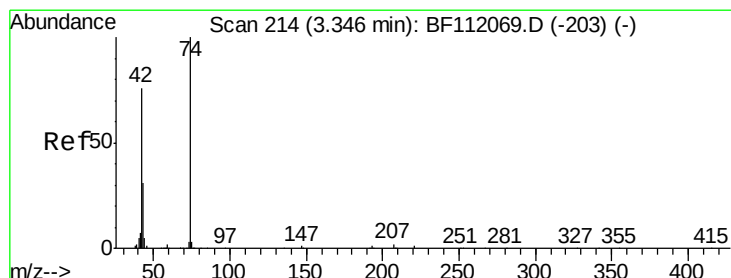
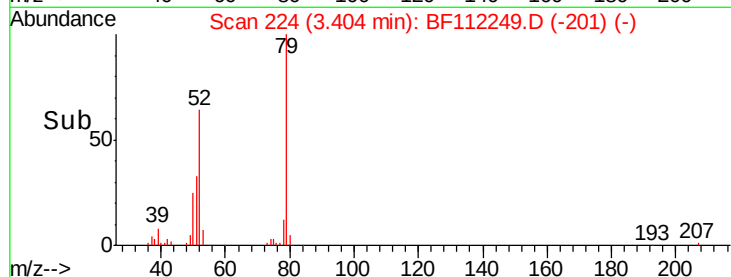
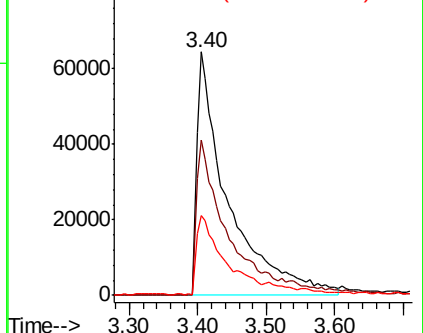
51 32.9 26.1 39.1



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: 58.867 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.03 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

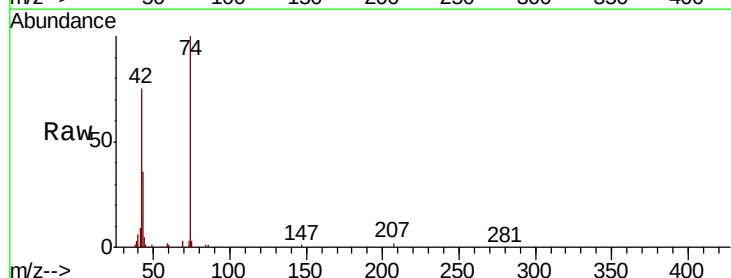
Tgt Ion: 42 Resp: 124910

Ion Ratio Lower Upper

42 100

74 133.6 105.6 158.4

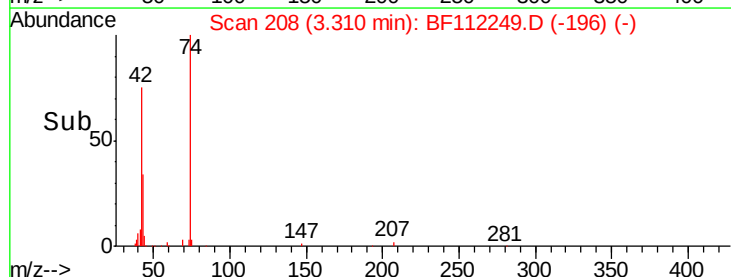
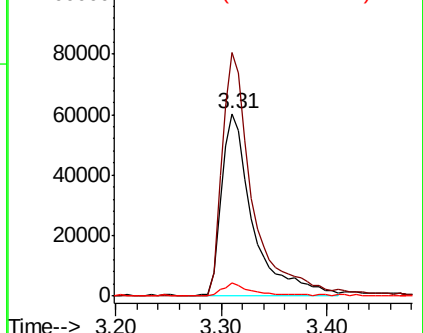
44 7.2 5.4 8.2

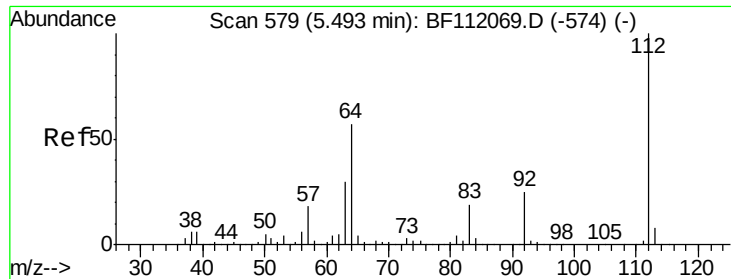


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 145.193 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

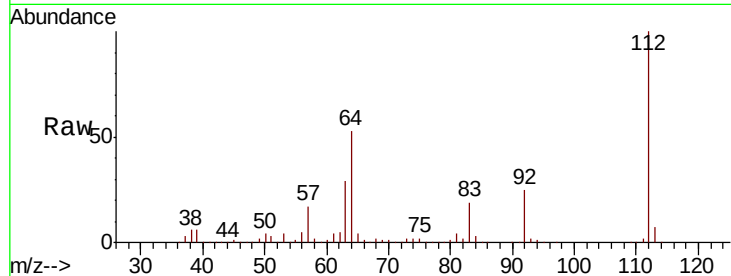
Tgt Ion: 112 Resp: 723652

Ion Ratio Lower Upper

112 100

64 53.0 45.7 68.5

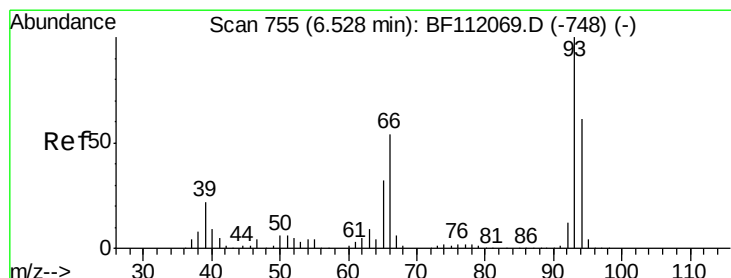
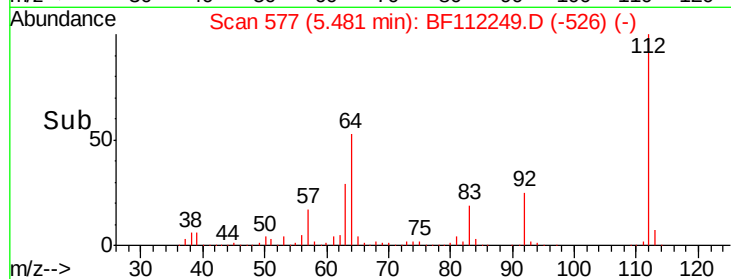
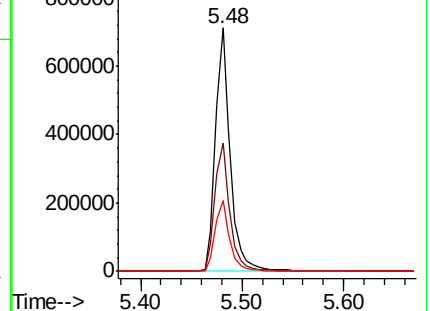
63 28.9 23.6 35.4



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: 8.204 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

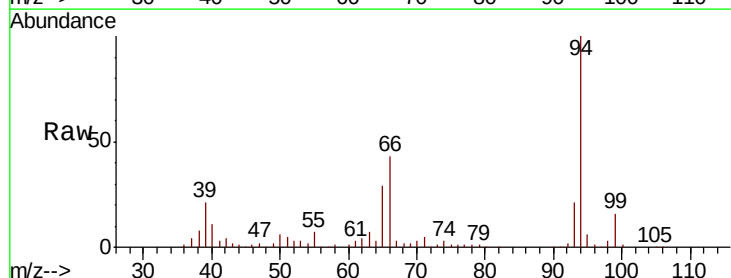
Tgt Ion: 93 Resp: 67585

Ion Ratio Lower Upper

93 100

66 202.3 43.4 65.2#

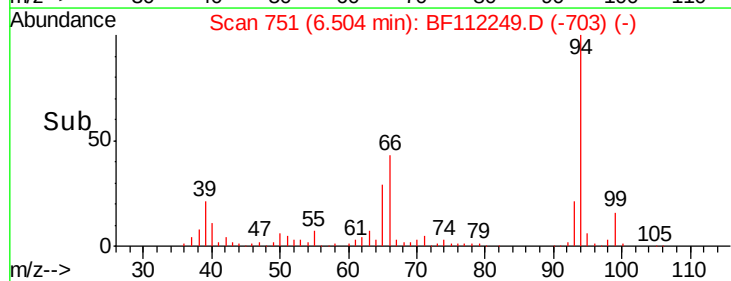
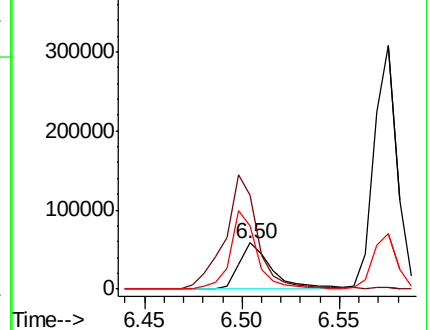
65 136.7 25.3 37.9#

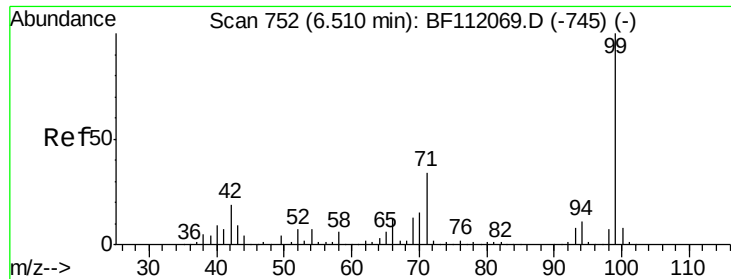


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.682 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

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BU-02-012319MS

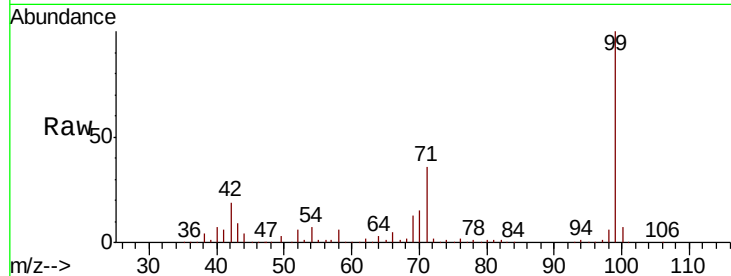
Tgt Ion: 99 Resp: 842727

Ion Ratio Lower Upper

99 100

42 18.9 15.1 22.7

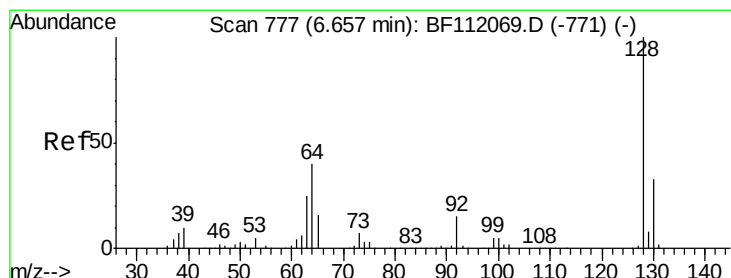
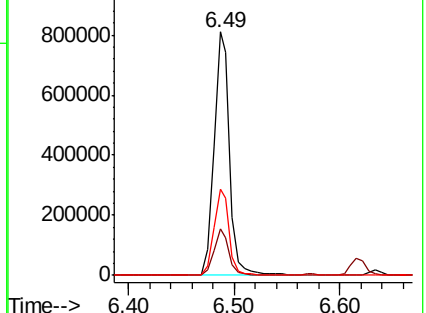
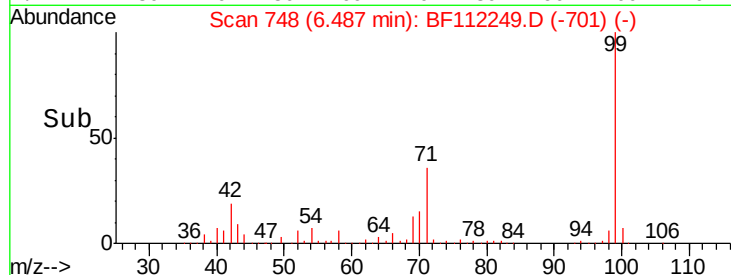
71 35.6 26.9 40.3



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: 42.621 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

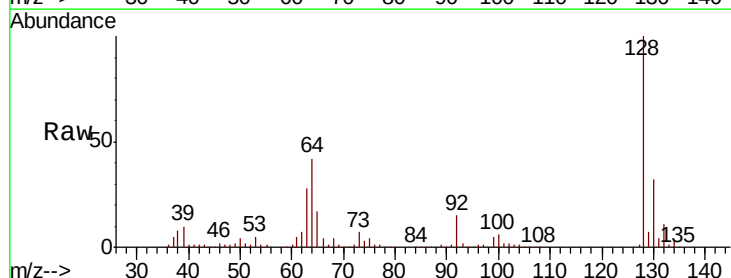
Tgt Ion: 128 Resp: 285771

Ion Ratio Lower Upper

128 100

130 32.2 13.4 53.4

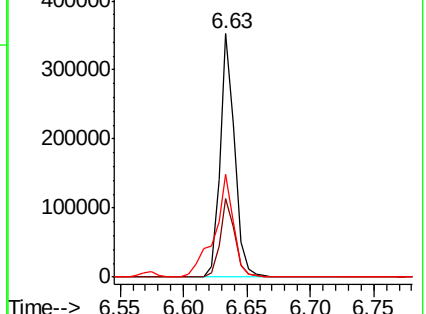
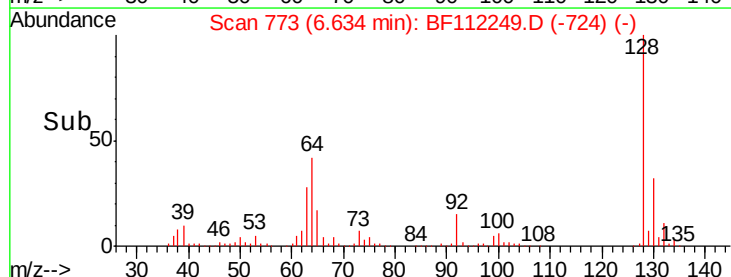
64 42.1 20.5 60.5

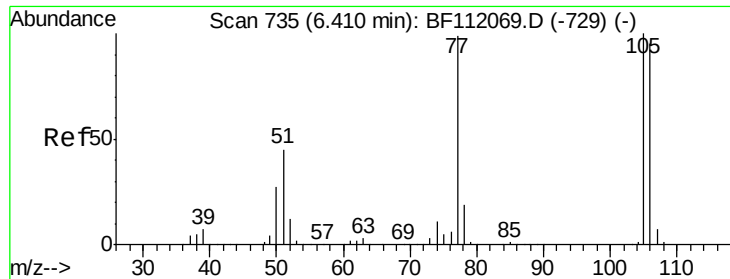


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 14.084 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

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BU-02-012319MS

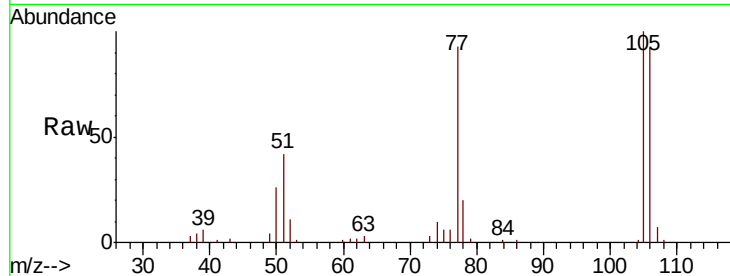
Tgt Ion: 77 Resp: 50983

Ion Ratio Lower Upper

77 100

105 107.2 80.8 120.8

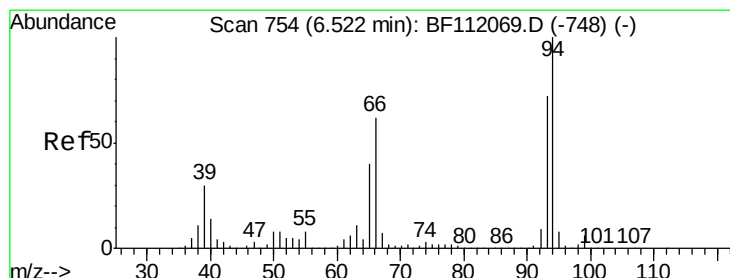
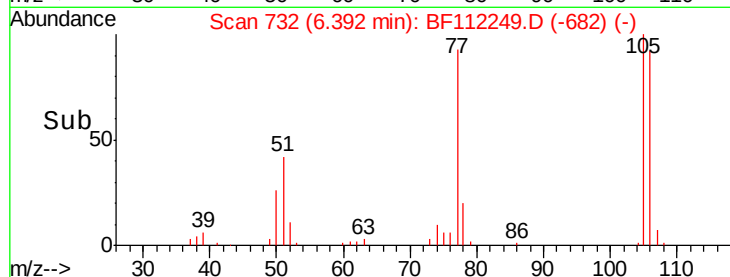
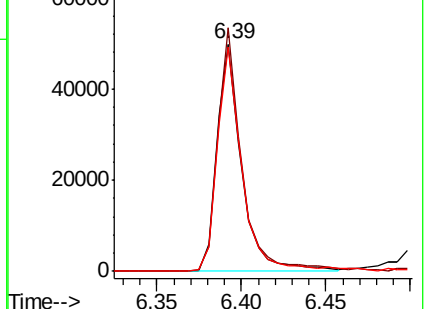
106 99.1 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.752 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

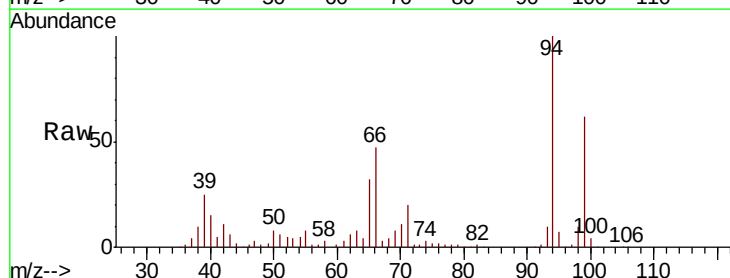
Tgt Ion: 94 Resp: 279252

Ion Ratio Lower Upper

94 100

65 32.1 20.3 60.3

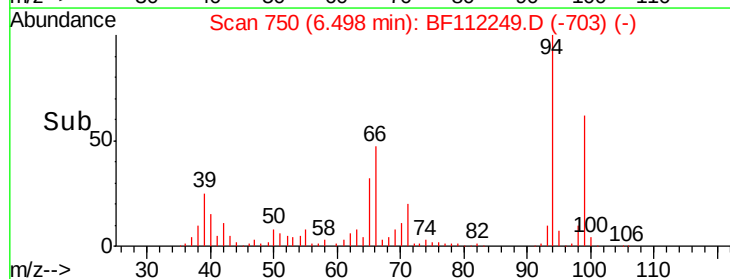
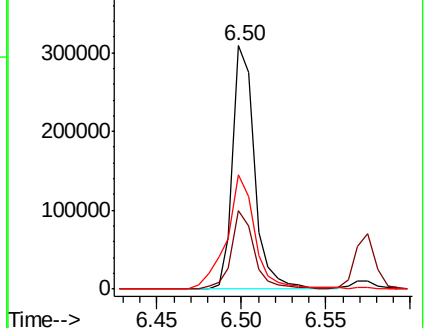
66 46.8 42.4 82.4

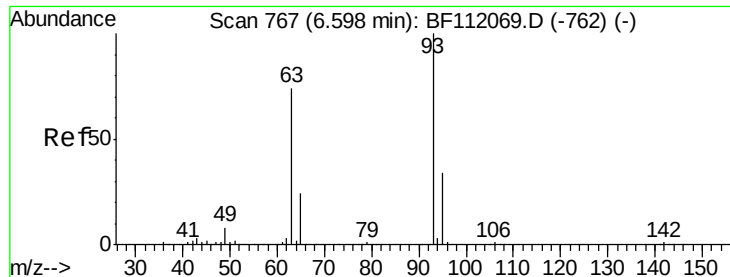


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

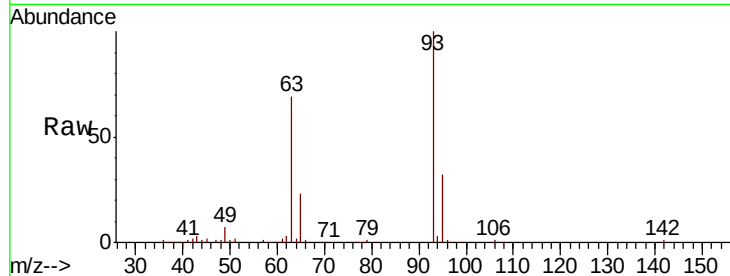




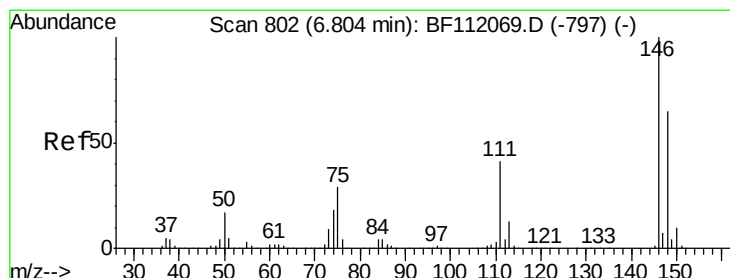
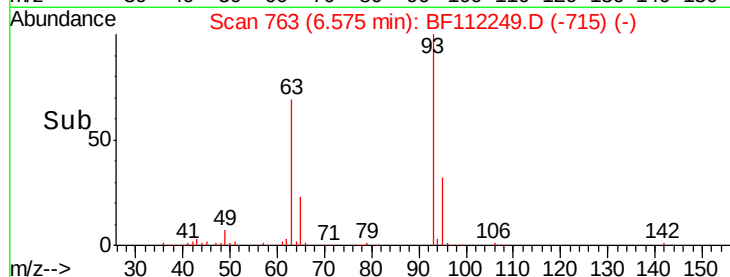
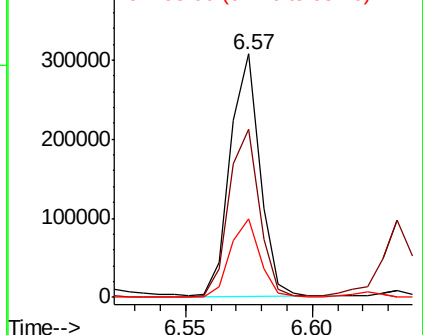
#11
bis(2-Chloroethyl)ether
Concen: 41.544 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion: 93 Resp: 248512
Ion Ratio Lower Upper
93 100
63 68.8 53.3 93.3
95 32.3 13.4 53.4

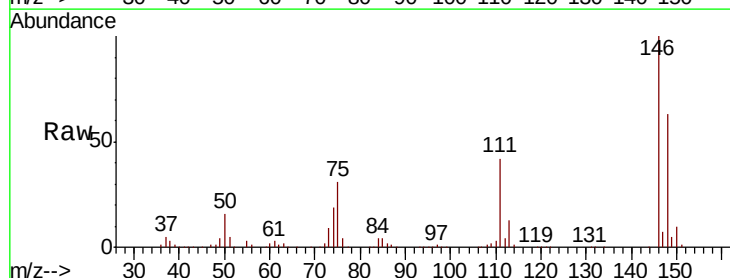


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

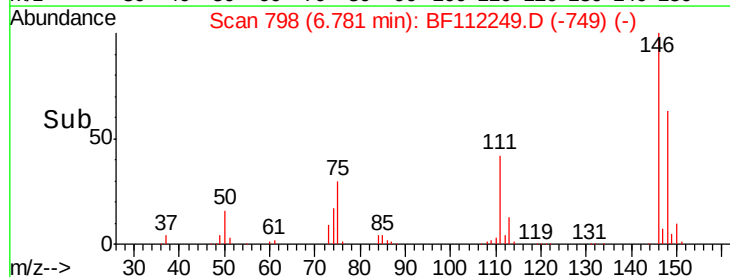
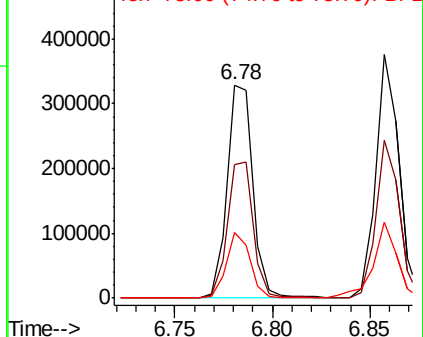


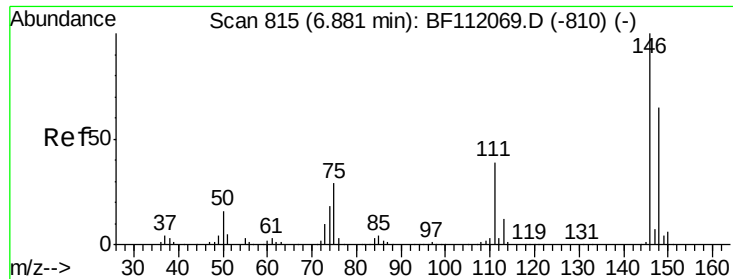
#12
1,3-Dichlorobenzene
Concen: 38.740 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion: 146 Resp: 302502
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
75 30.6 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

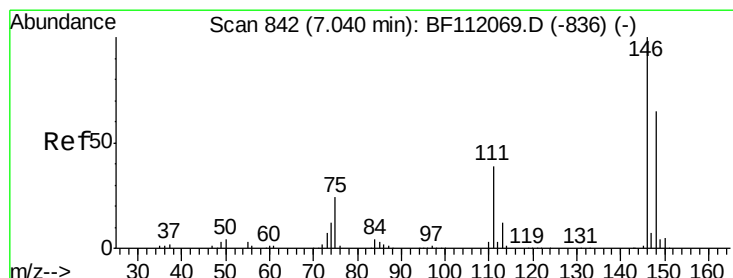
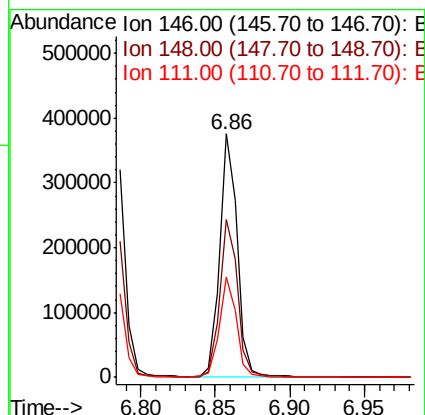
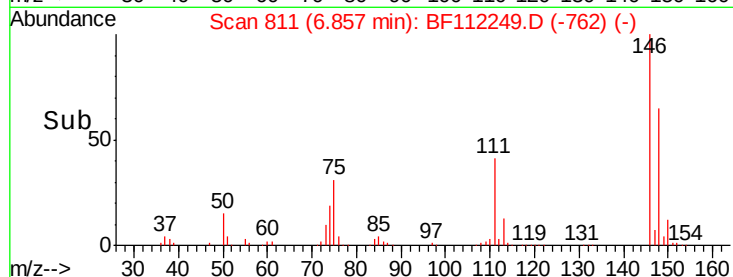
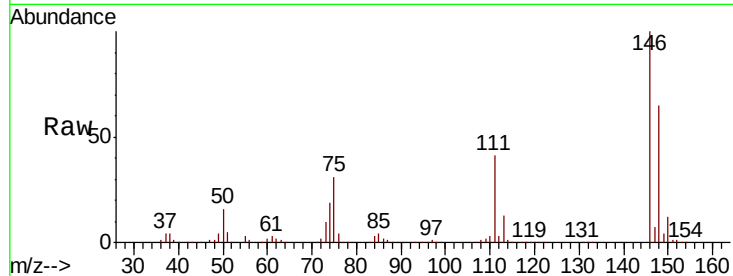




#13
 1,4-Dichlorobenzene
 Concen: 38.513 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

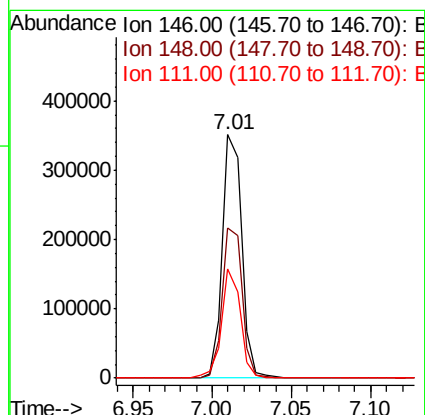
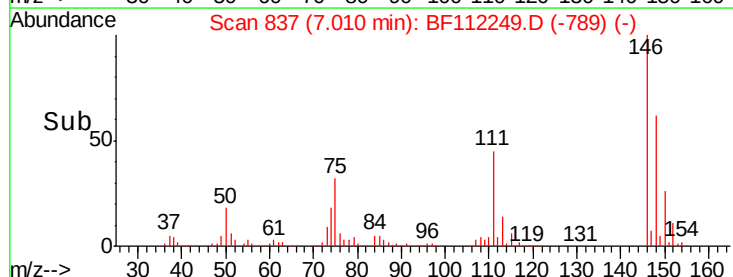
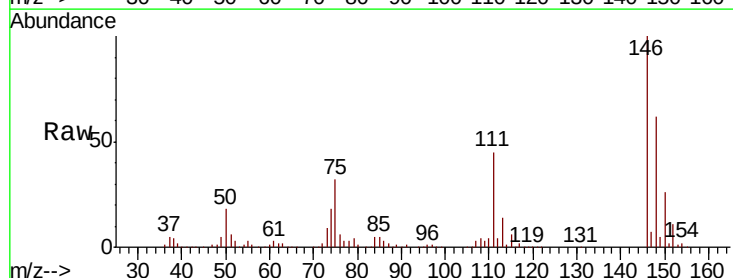
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

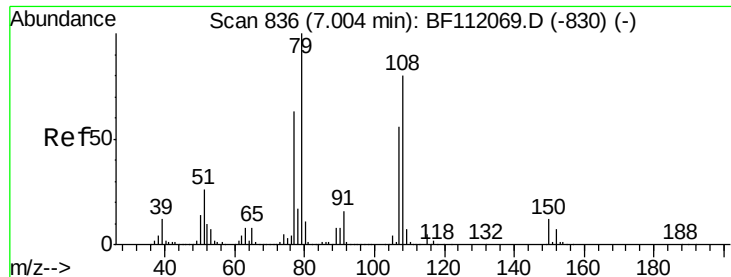
Tgt Ion:146 Resp: 309499
 Ion Ratio Lower Upper
 146 100
 148 64.8 52.0 78.0
 111 41.1 31.2 46.8



#14
 1,2-Dichlorobenzene
 Concen: 39.594 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:146 Resp: 297911
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.2 78.4
 111 44.8 31.2 46.8





#15

Benzyl Alcohol

Concen: 40.695 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

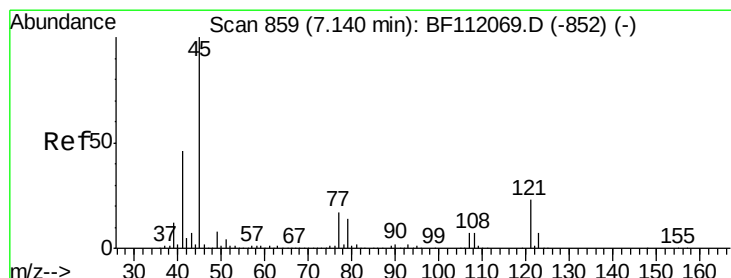
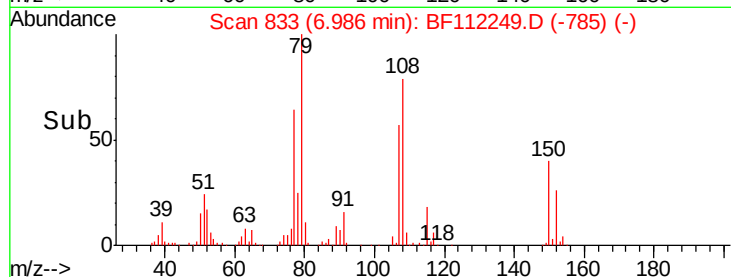
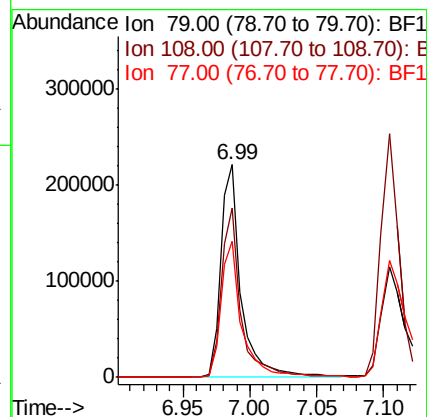
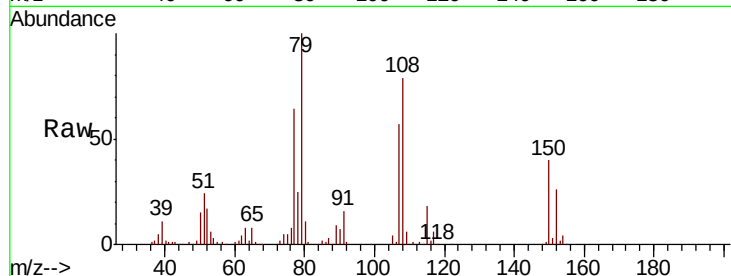
Tgt Ion: 79 Resp: 237582

Ion Ratio Lower Upper

79 100

108 79.4 64.2 96.2

77 63.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.653 ng

RT: 7.12 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

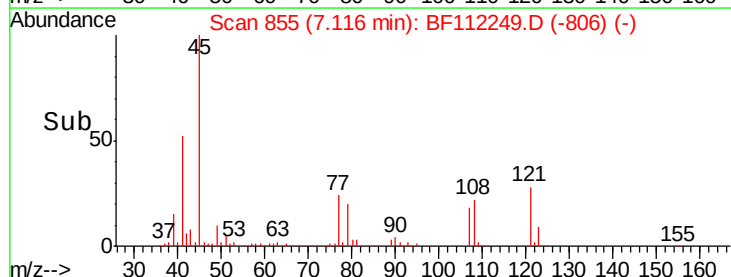
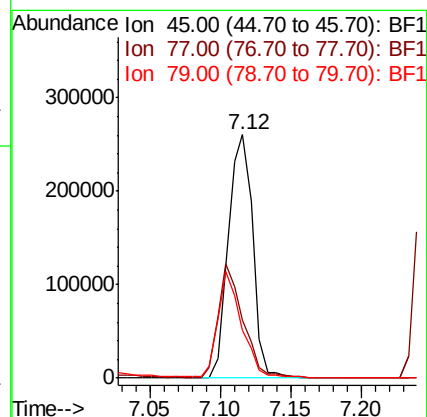
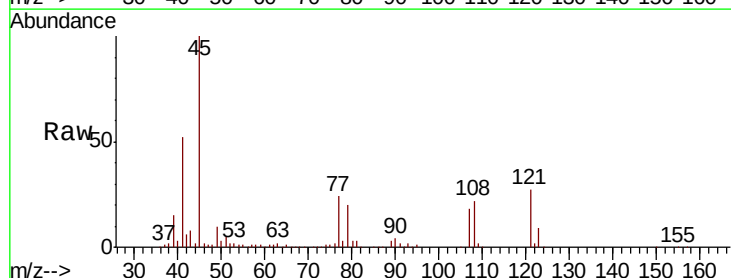
Tgt Ion: 45 Resp: 312236

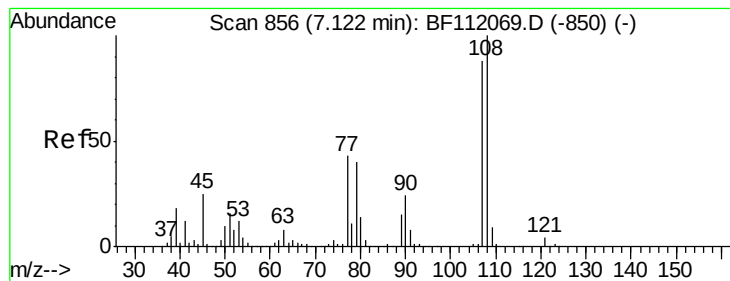
Ion Ratio Lower Upper

45 100

77 24.0 0.0 36.9

79 19.5 0.0 34.0

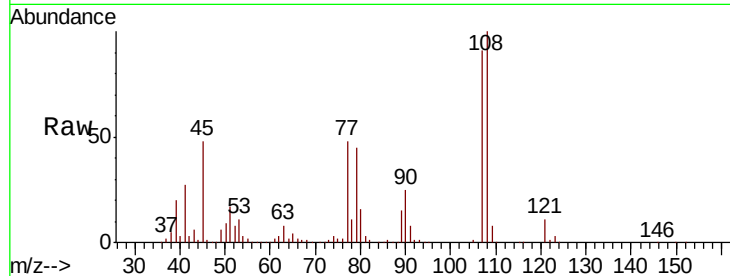




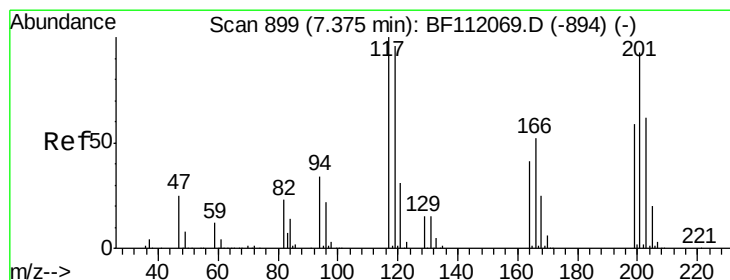
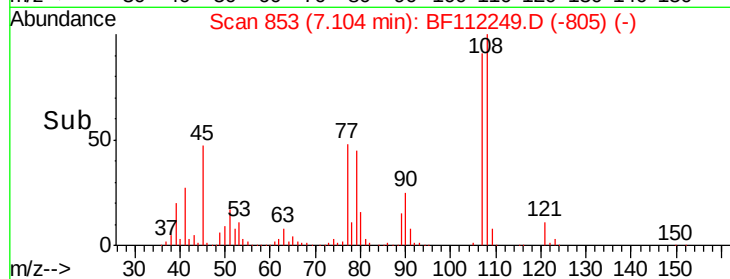
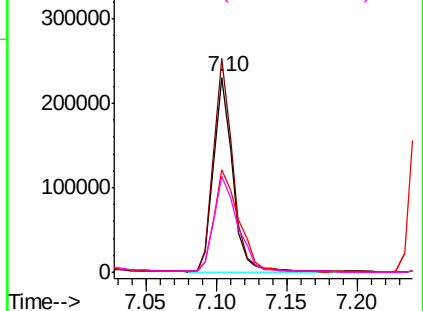
#17
2-Methylphenol
Concen: 40.827 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion:	107	Resp:	216998
Ion	Ratio	Lower	Upper
107	100		
108	109.5	91.3	136.9
77	52.8	39.0	58.6
79	49.4	37.0	55.4

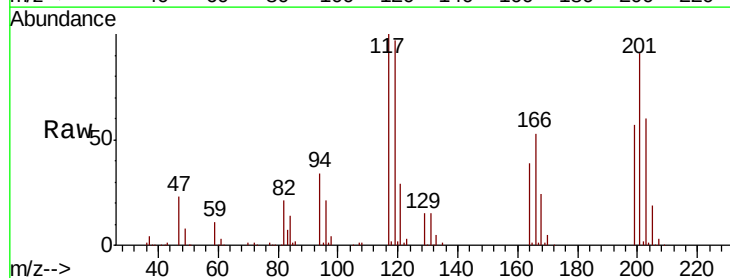


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

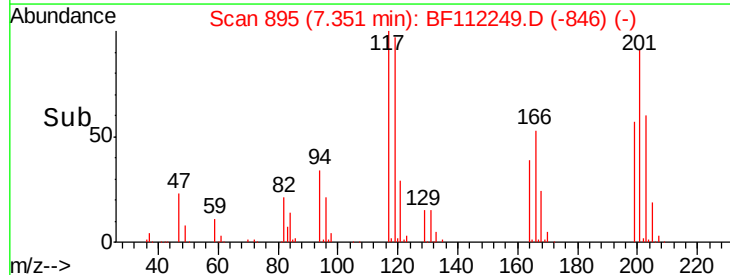
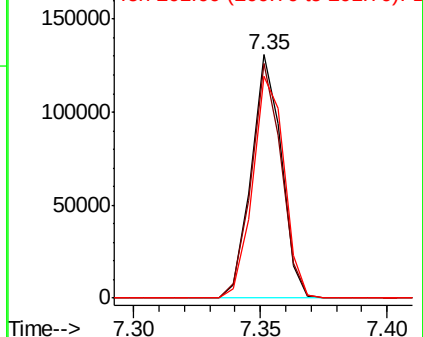


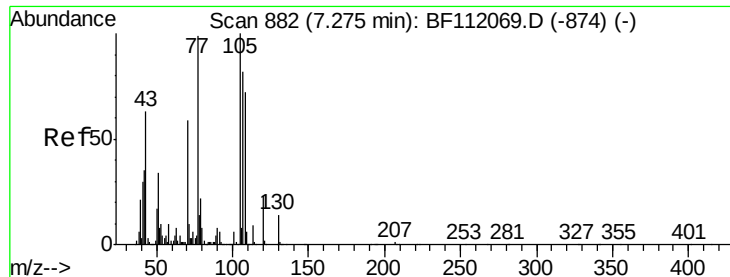
#18
Hexachloroethane
Concen: 38.331 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:	117	Resp:	108168
Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.0	115.4
201	91.3	74.1	111.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

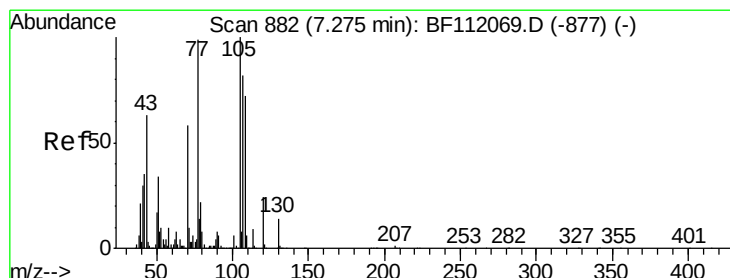
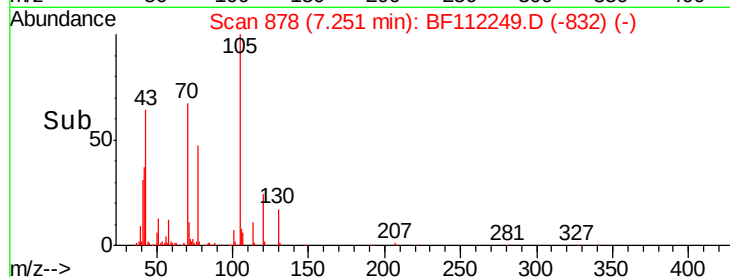
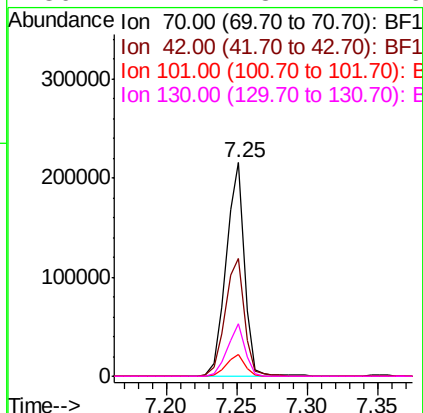
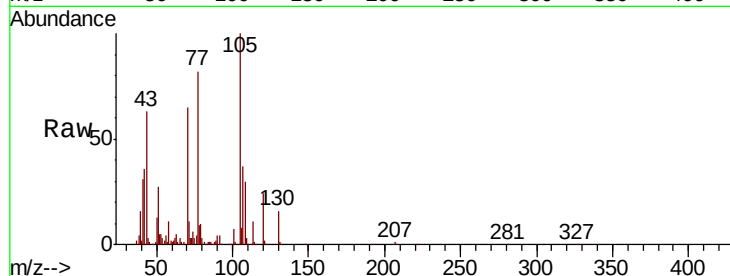




#19
n-Nitroso-di-n-propylamine
Concen: 40.709 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.03 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

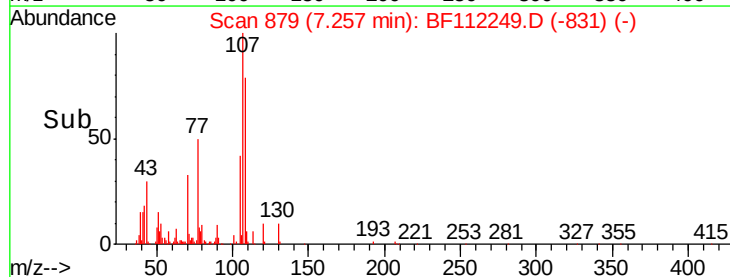
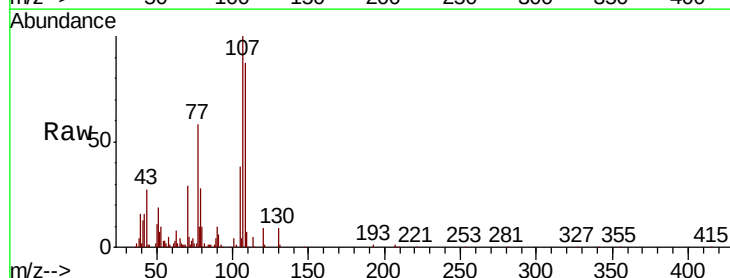
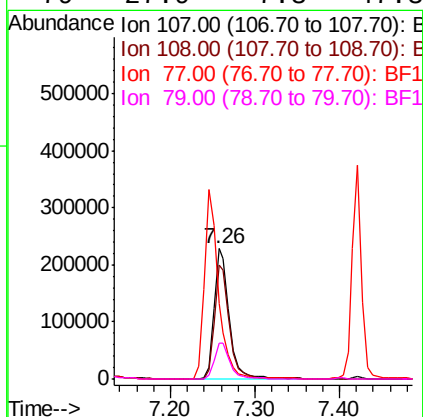
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

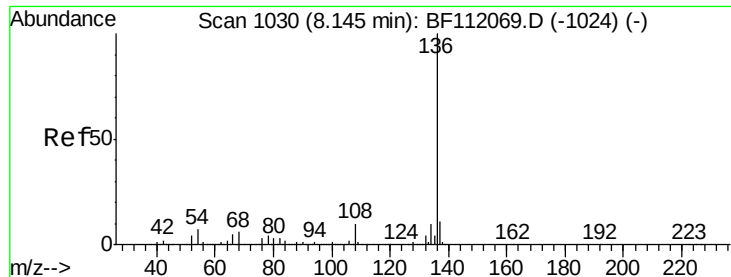
Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.3	47.6	71.4
101	10.2	7.9	11.9
130	24.7	18.4	27.6



#20
3+4-Methylphenols
Concen: 42.101 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.0	68.2	108.2
77	57.9	100.7	140.7#
79	27.9	7.3	47.3

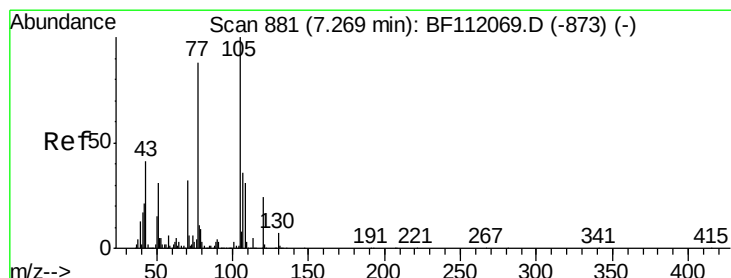
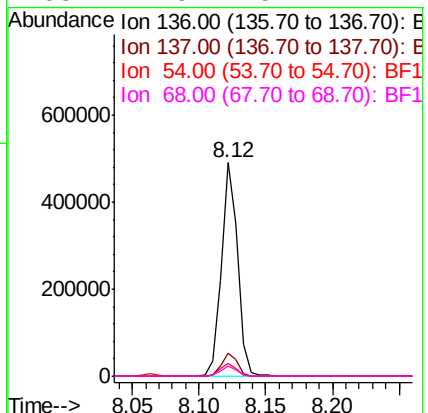
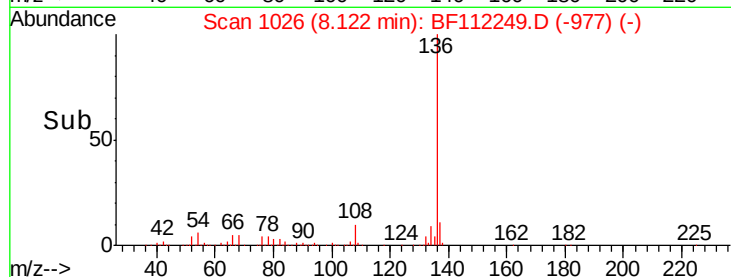
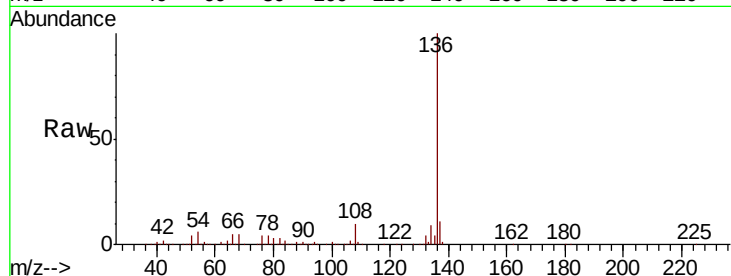




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

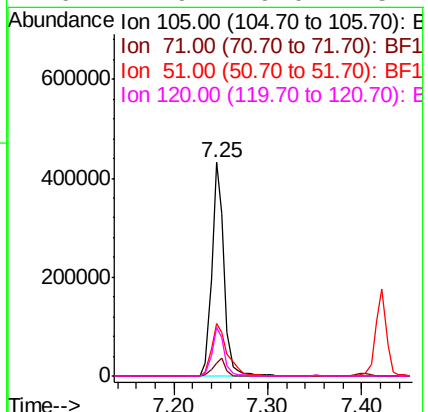
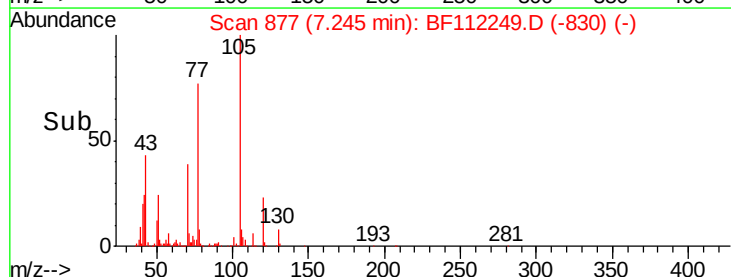
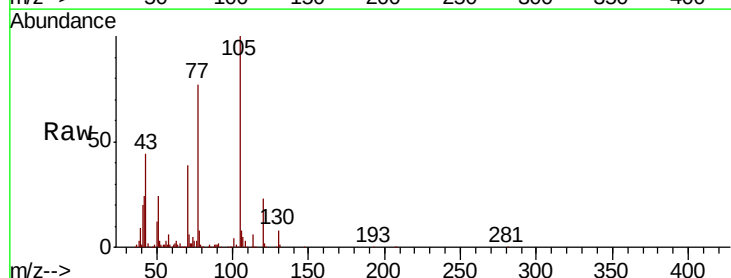
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

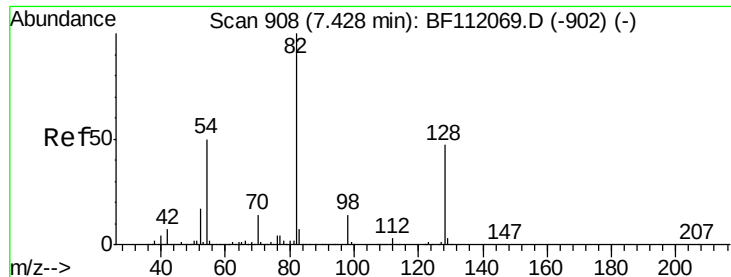
Tgt Ion:	136	Resp:	421146
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	6.2	5.9	8.9
68	4.9	5.1	7.7#



#22
Acetophenone
Concen: 38.845 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:	105	Resp:	398356
Ion Ratio	Lower	Upper	
105	100		
71	6.2	4.6	6.8
51	24.4	25.0	37.6#
120	22.9	19.0	28.4

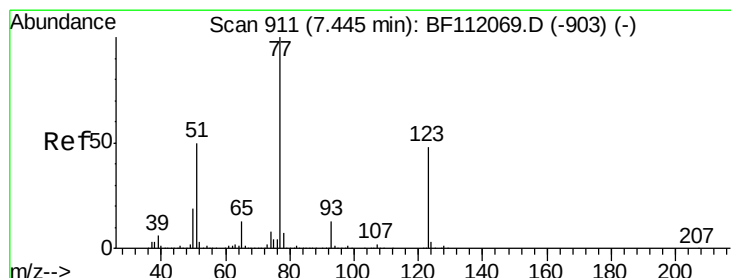
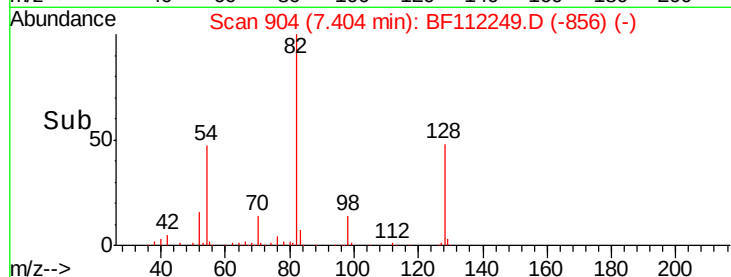
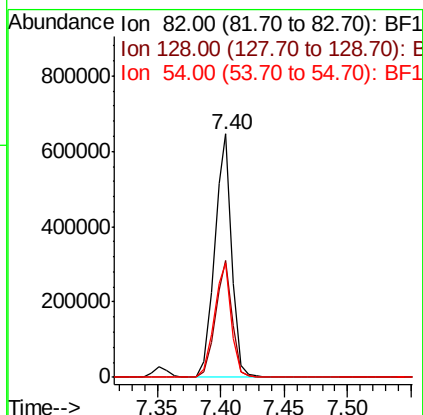
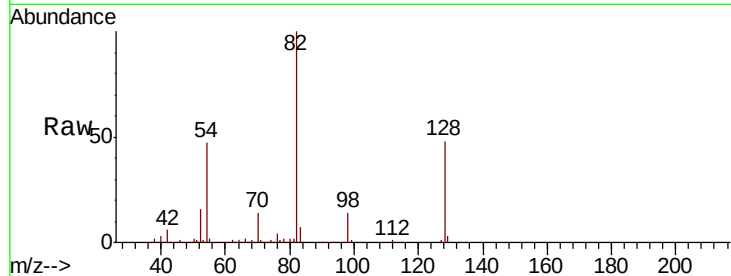




#23
 Nitrobenzene-d5
 Concen: 83.920 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

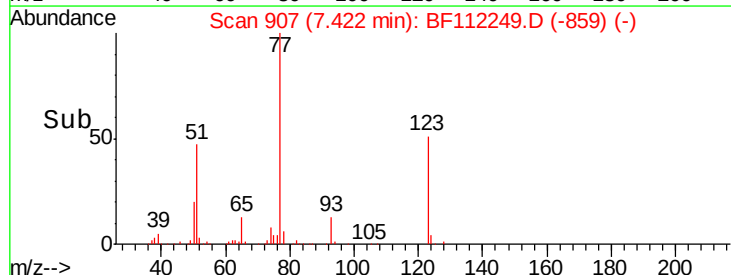
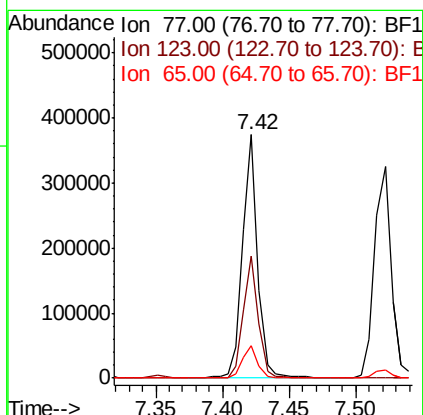
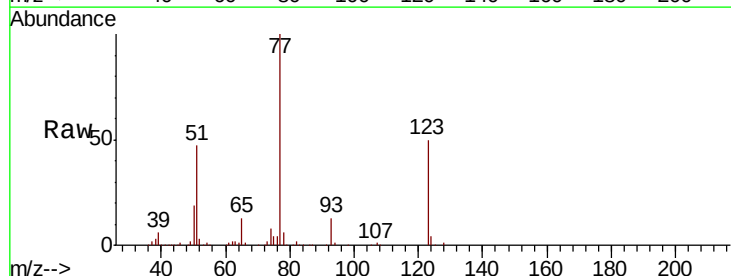
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

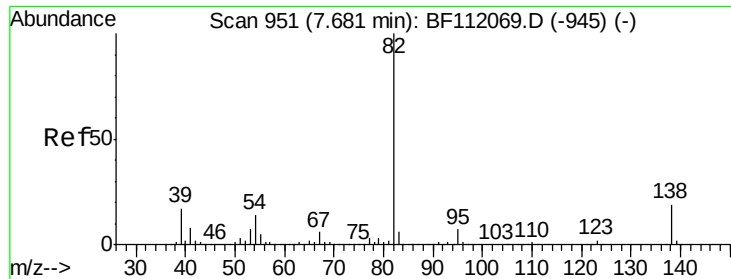
Tgt Ion: 82 Resp: 613379
 Ion Ratio Lower Upper
 82 100
 128 47.8 37.8 56.8
 54 47.2 39.7 59.5



#24
 Nitrobenzene
 Concen: 40.264 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion: 77 Resp: 293913
 Ion Ratio Lower Upper
 77 100
 123 50.2 38.4 57.6
 65 13.2 10.6 15.8





#25

Isophorone

Concen: 45.231 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

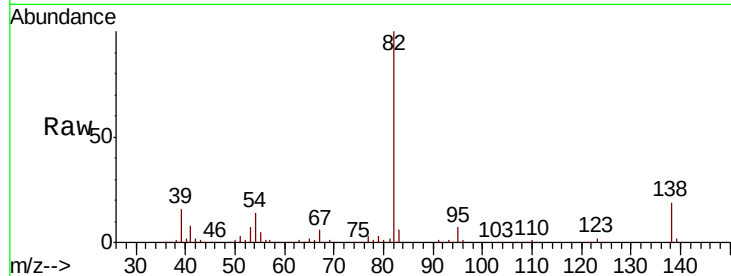
Tgt Ion: 82 Resp: 518634

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

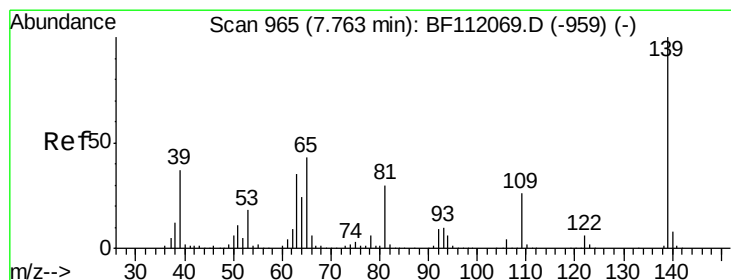
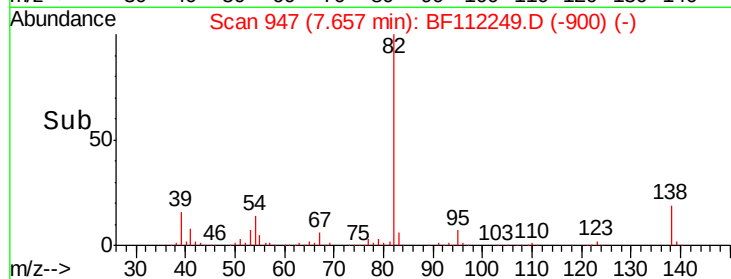
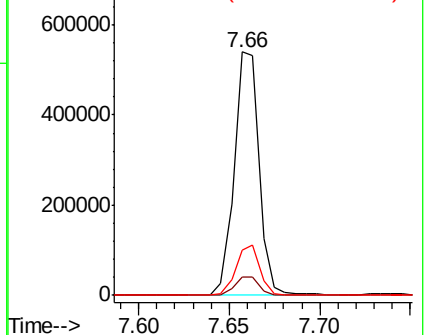
138 18.8 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.842 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

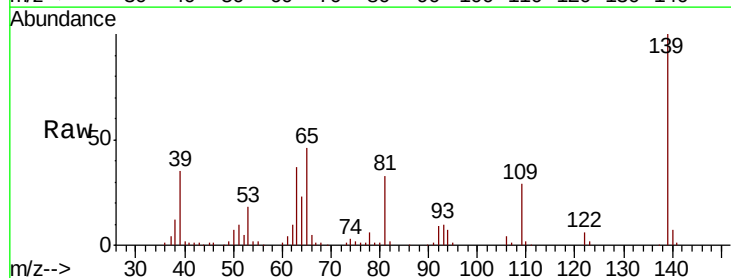
Tgt Ion: 139 Resp: 155423

Ion Ratio Lower Upper

139 100

109 28.7 20.8 31.2

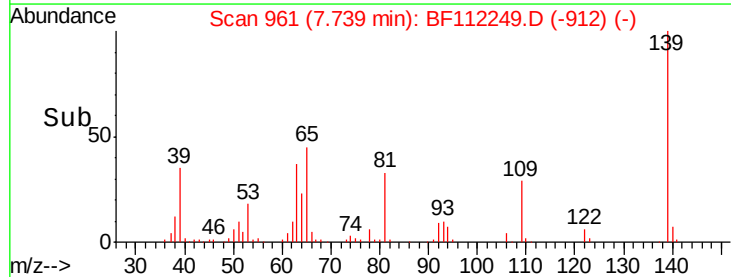
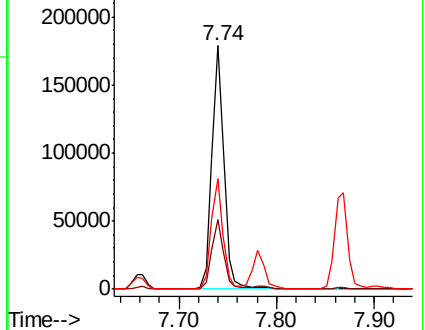
65 45.5 34.4 51.6

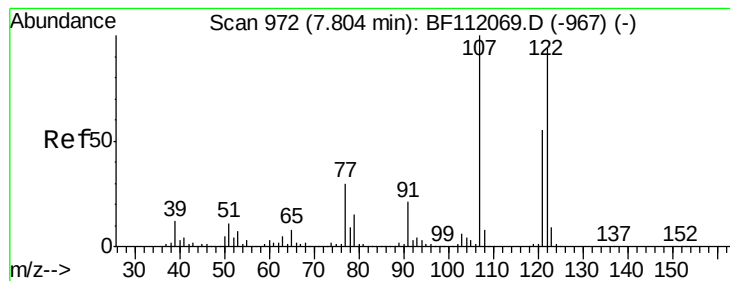


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.721 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

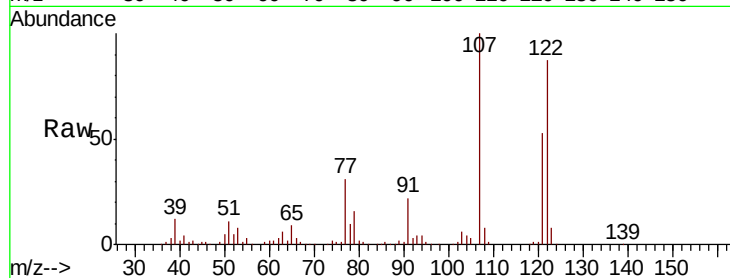
Tgt Ion: 122 Resp: 251113

Ion Ratio Lower Upper

122 100

107 114.8 85.4 128.0

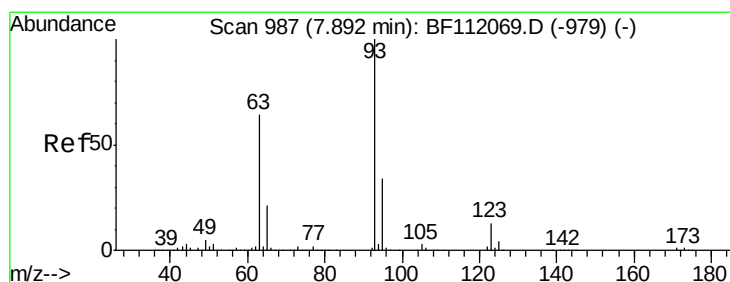
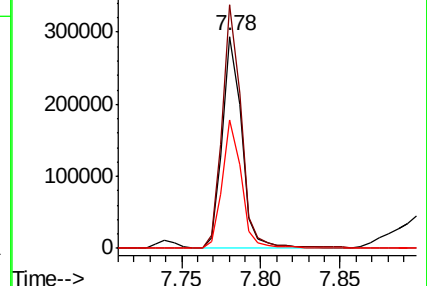
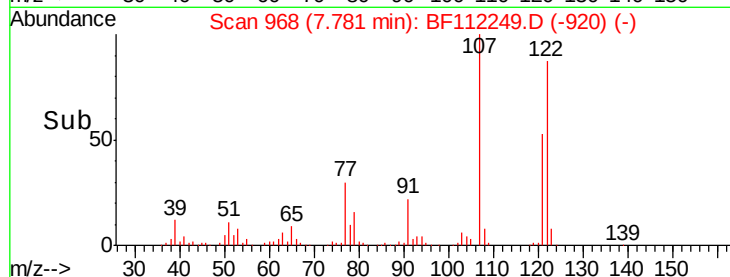
121 60.4 47.0 70.4



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: 42.253 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

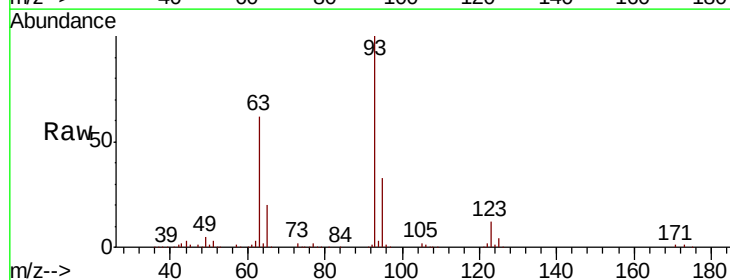
Tgt Ion: 93 Resp: 329895

Ion Ratio Lower Upper

93 100

95 33.2 26.8 40.2

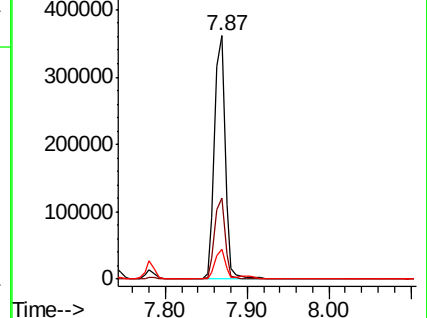
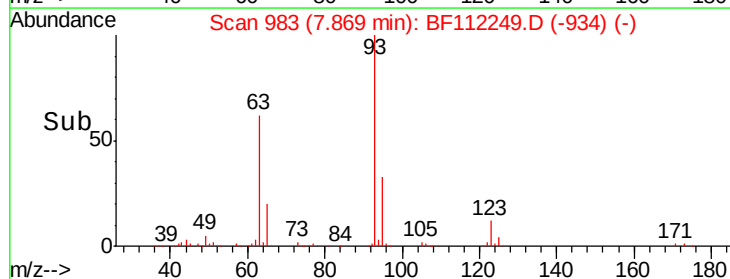
123 12.4 10.2 15.2

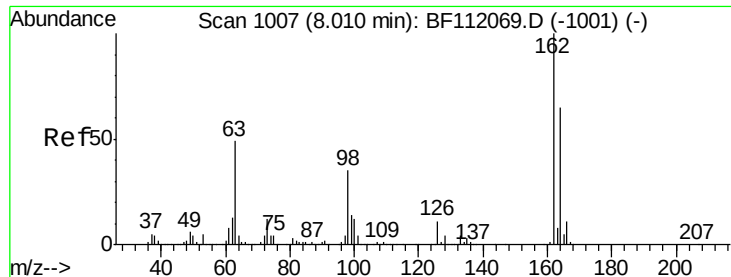


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

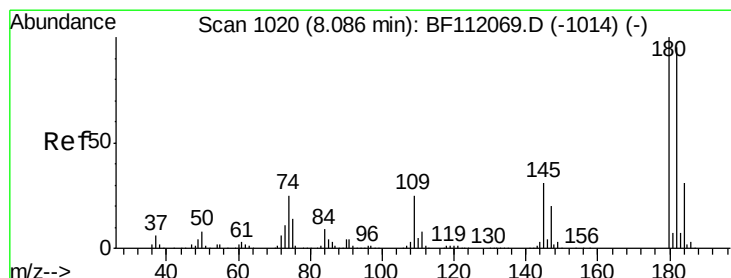
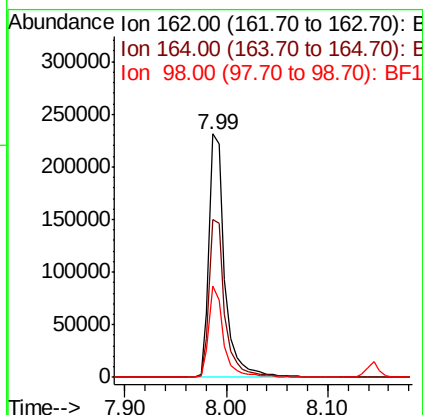
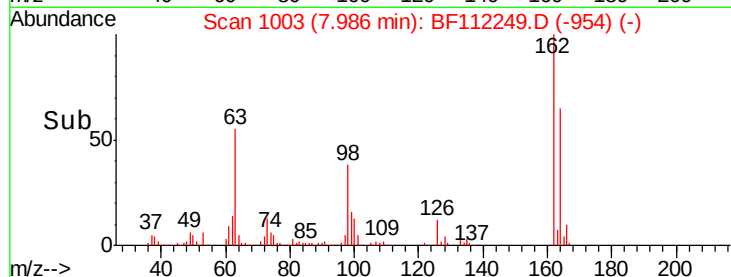
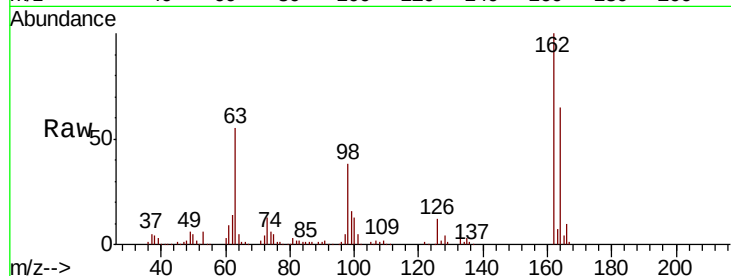




#29
2,4-Dichlorophenol
Concen: 41.804 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

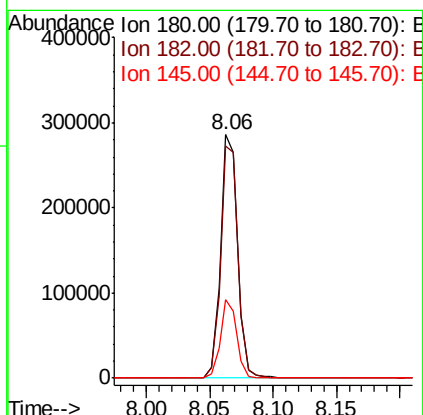
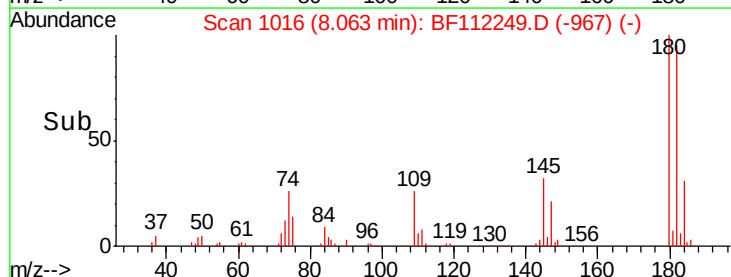
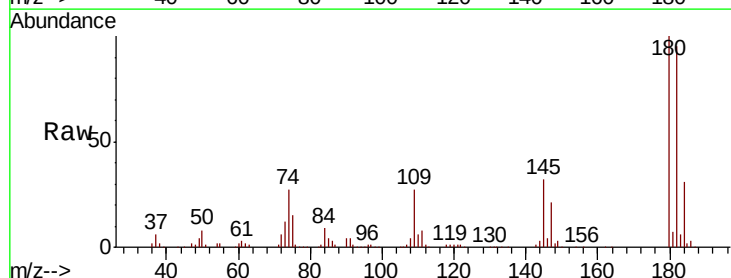
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

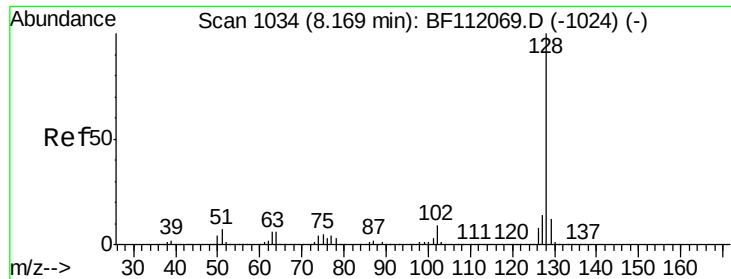
Tgt Ion:162 Resp: 251436
Ion Ratio Lower Upper
162 100
164 64.8 44.6 84.6
98 37.6 14.6 54.6



#30
1,2,4-Trichlorobenzene
Concen: 39.115 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:180 Resp: 270426
Ion Ratio Lower Upper
180 100
182 95.3 76.4 114.6
145 32.1 25.0 37.4

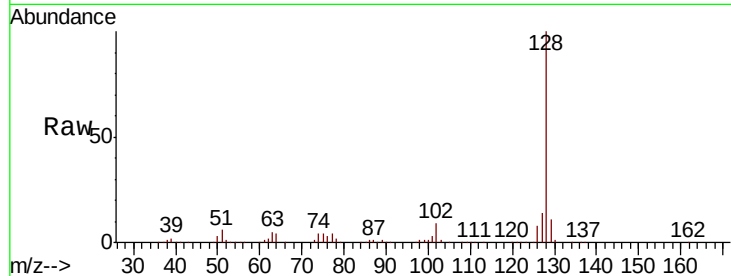




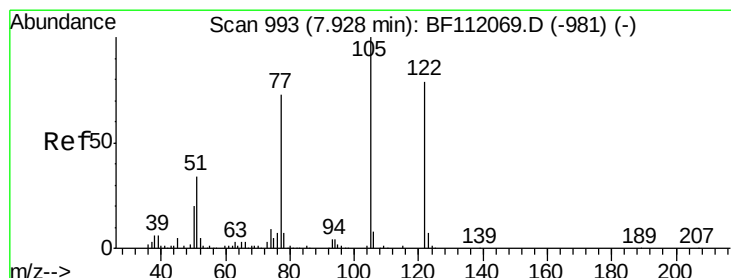
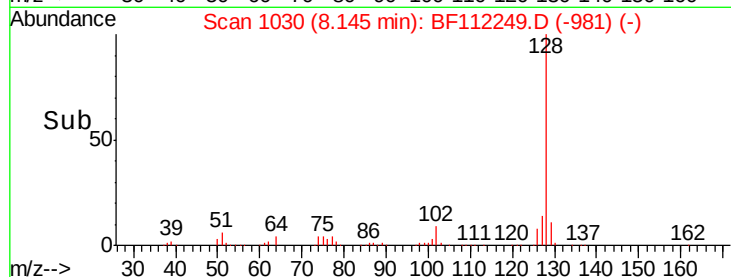
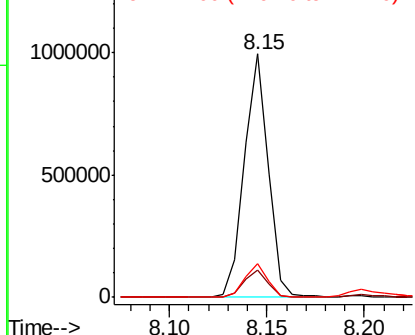
#31
Naphthalene
Concen: 43.120 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion:128 Resp: 849232
Ion Ratio Lower Upper
128 100
129 11.3 9.6 14.4
127 13.6 11.1 16.7

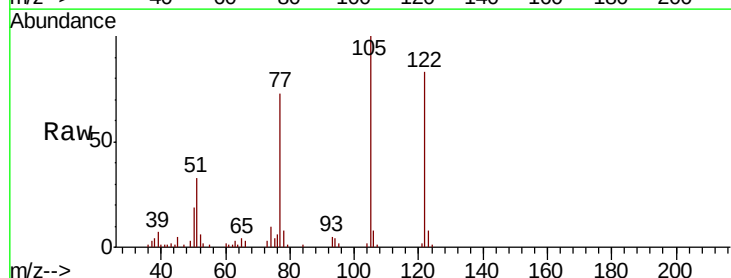


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

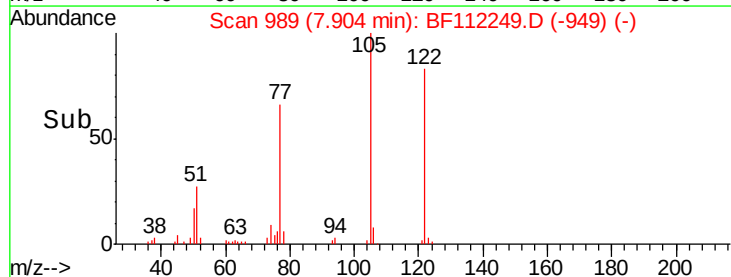
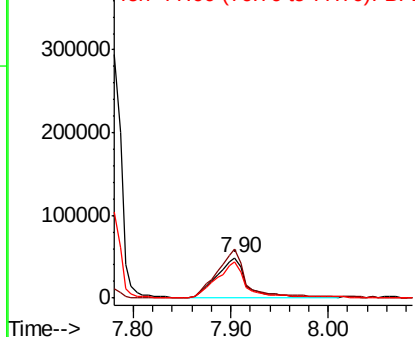


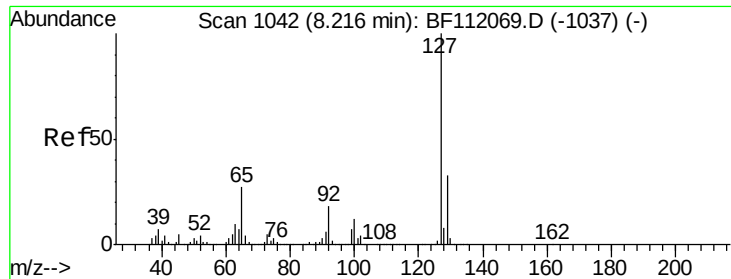
#32
Benzoic acid
Concen: 33.411 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:122 Resp: 102431
Ion Ratio Lower Upper
122 100
105 121.2 101.2 141.2
77 88.4 70.4 110.4



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

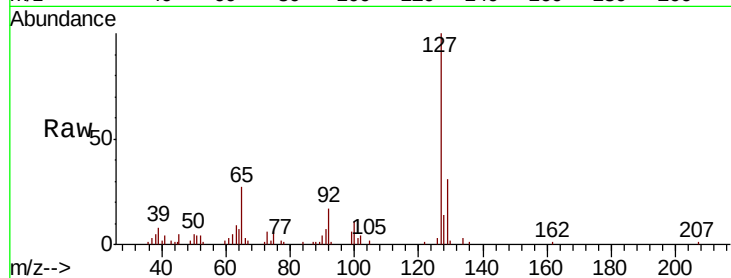




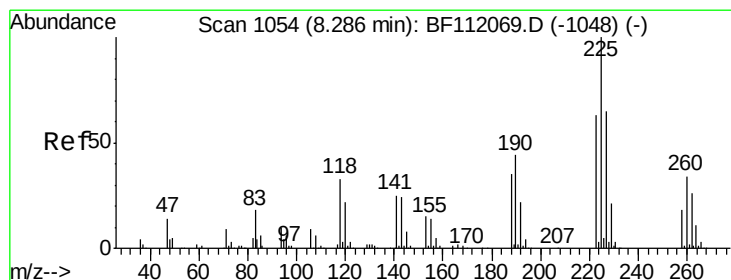
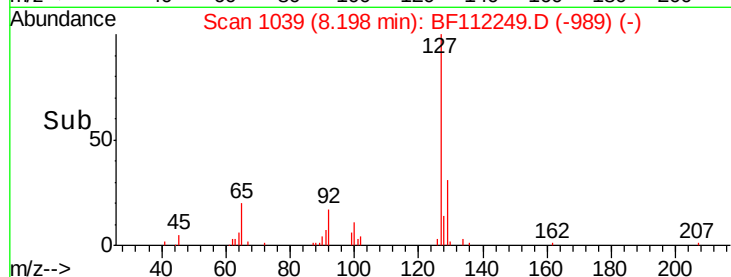
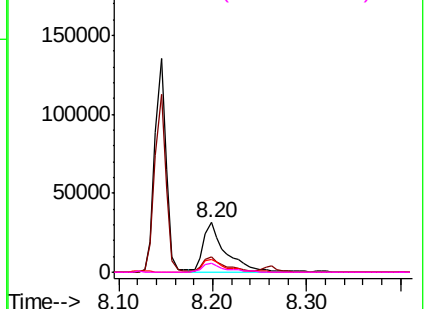
#33
4-Chloroaniline
Concen: 6.274 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion:	127	Resp:	53805
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	39.8
65	26.9	21.4	32.2
92	16.9	14.2	21.2

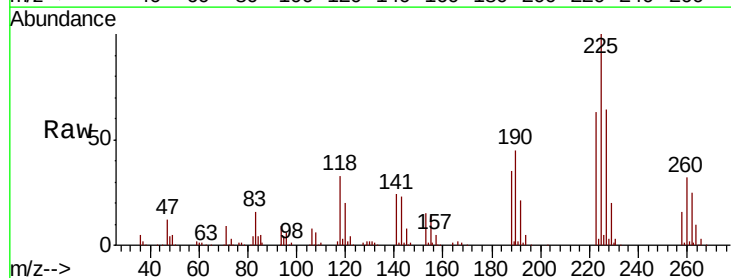


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

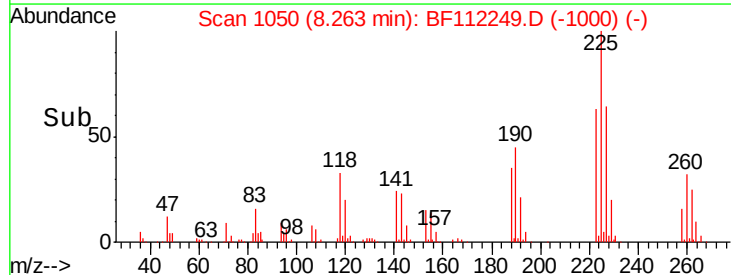
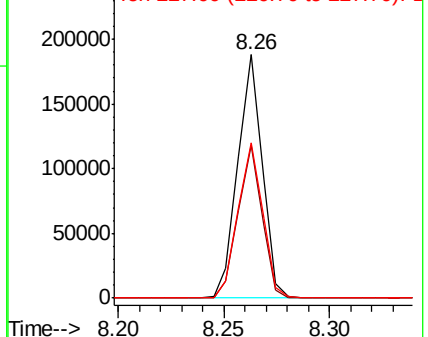


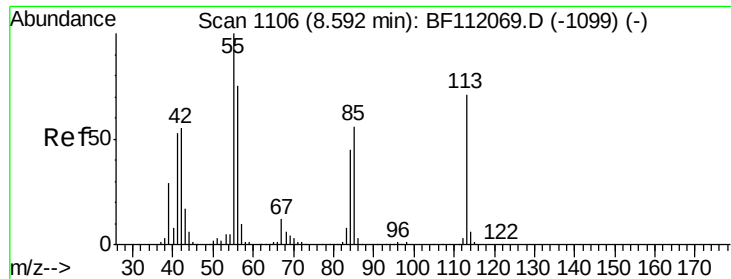
#34
Hexachlorobutadiene
Concen: 37.009 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:	225	Resp:	150146
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	64.0	51.8	77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

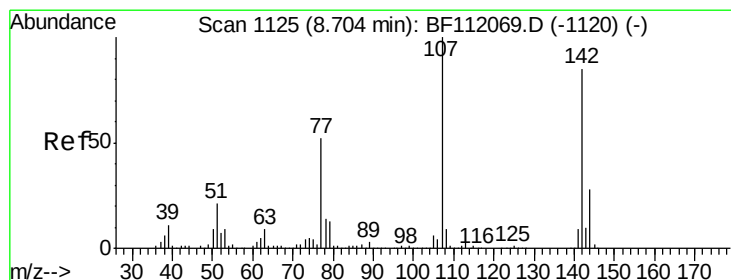
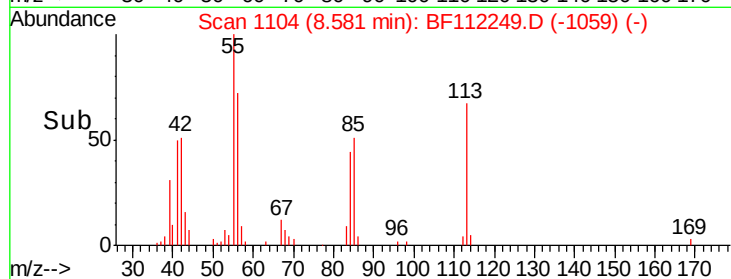
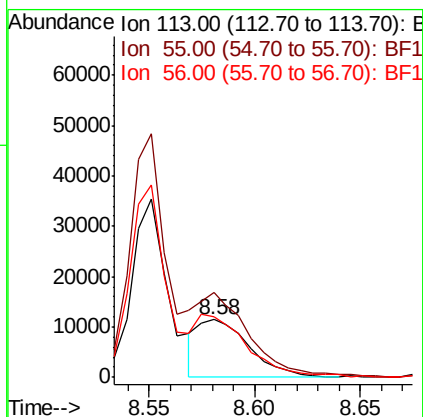
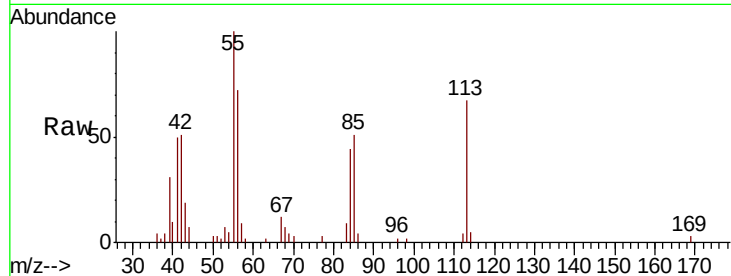




#35
 Caprolactam
 Concen: 9.147 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.04 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

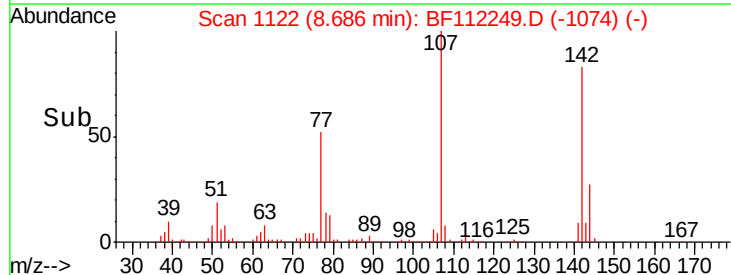
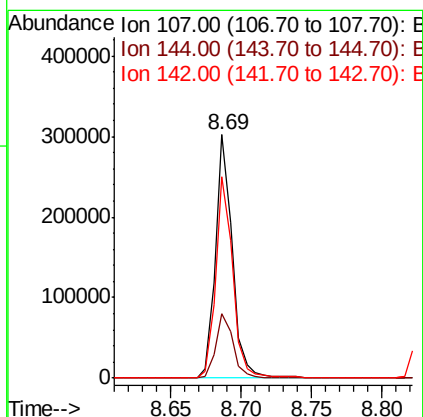
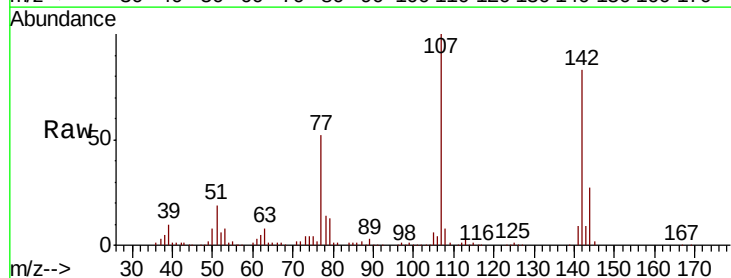
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

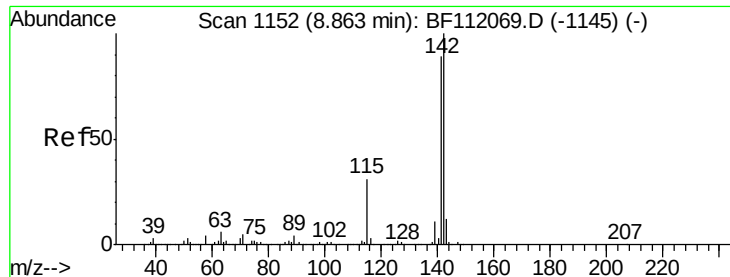
Tgt Ion:113 Resp: 19409
 Ion Ratio Lower Upper
 113 100
 55 148.8 121.6 161.6
 56 106.6 86.7 126.7



#36
 4-Chloro-3-methylphenol
 Concen: 39.710 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:107 Resp: 252844
 Ion Ratio Lower Upper
 107 100
 144 26.6 22.2 33.2
 142 82.5 67.7 101.5

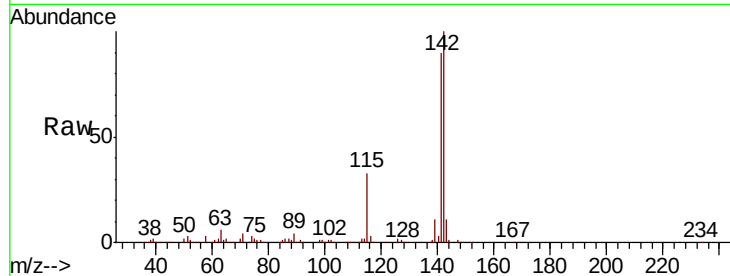




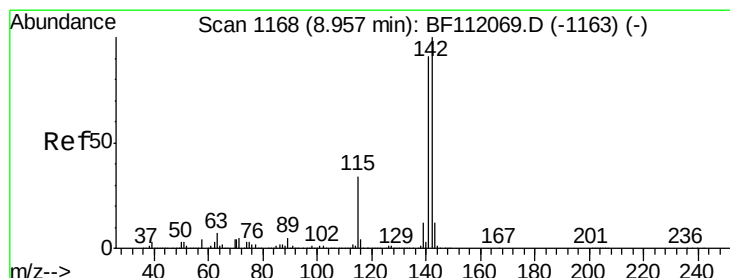
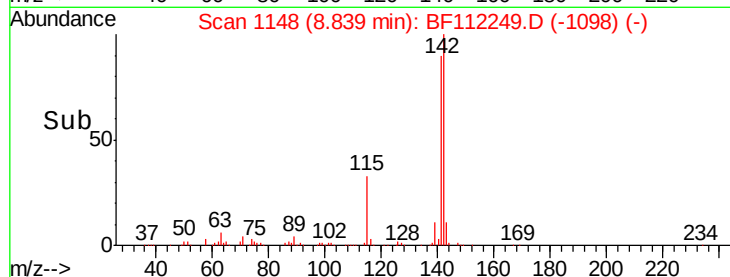
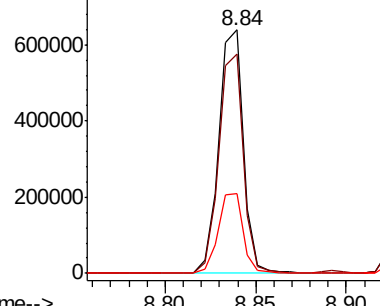
#37
2-Methylnaphthalene
Concen: 44.614 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion:142 Resp: 601511
Ion Ratio Lower Upper
142 100
141 89.9 70.9 106.3
115 33.0 24.9 37.3

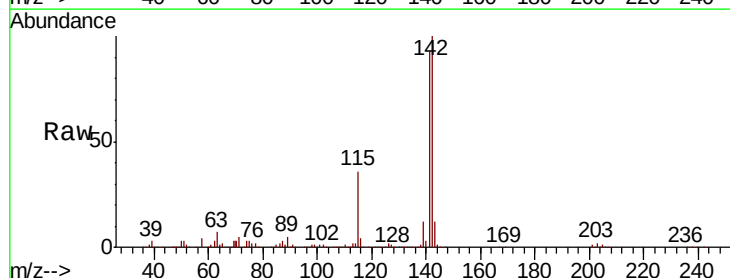


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

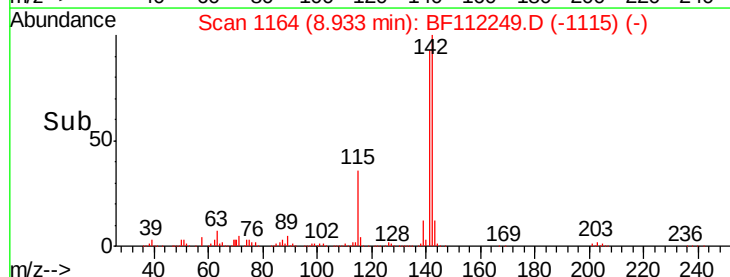
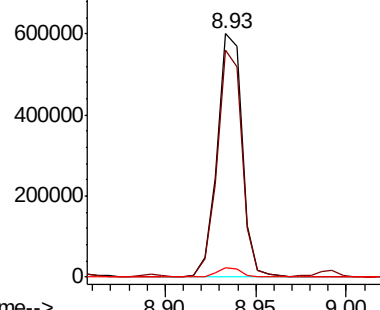


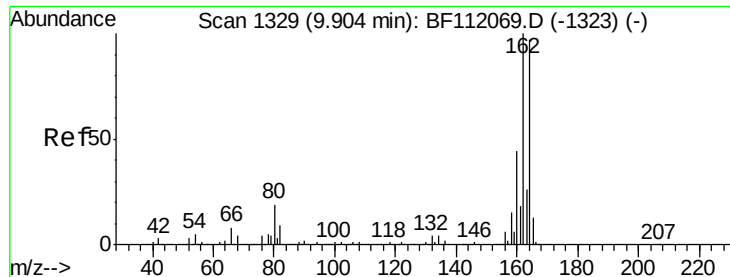
#38
1-Methylnaphthalene
Concen: 43.984 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:142 Resp: 568401
Ion Ratio Lower Upper
142 100
141 93.1 72.6 108.8
116 3.7 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: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

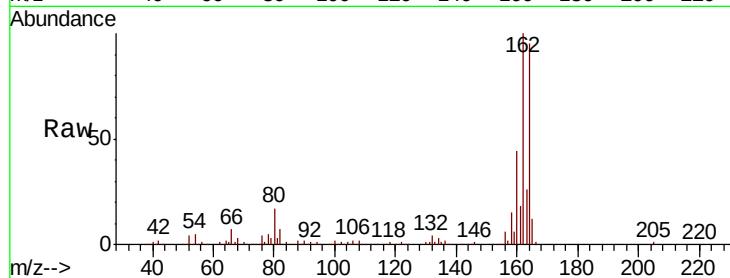
Tgt Ion:164 Resp: 207485

Ion Ratio Lower Upper

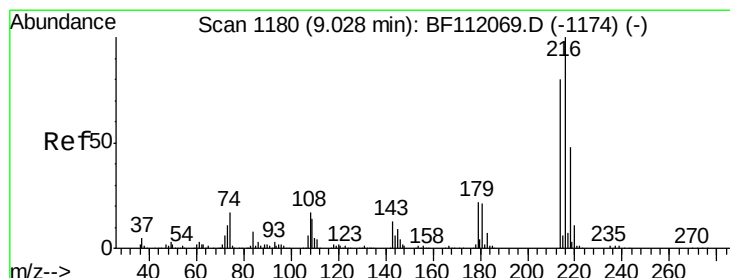
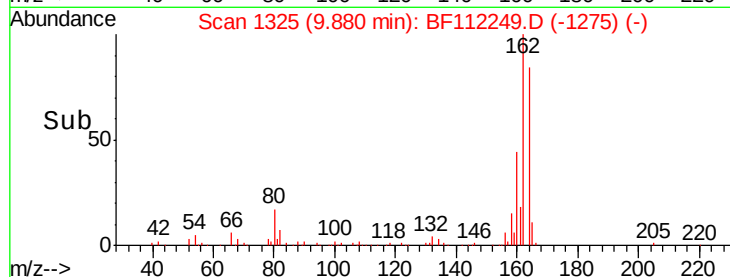
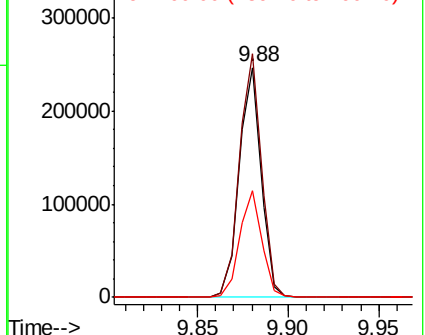
164 100

162 105.8 82.2 123.4

160 46.2 36.2 54.4



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.547 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion:216 Resp: 276228

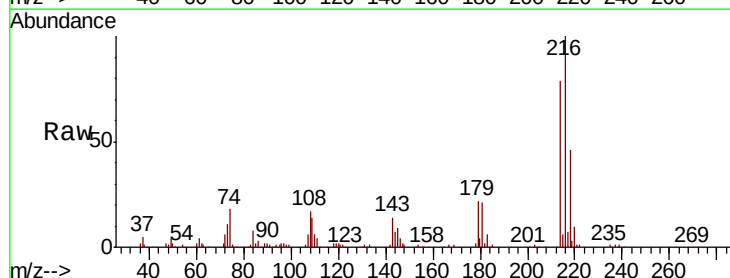
Ion Ratio Lower Upper

216 100

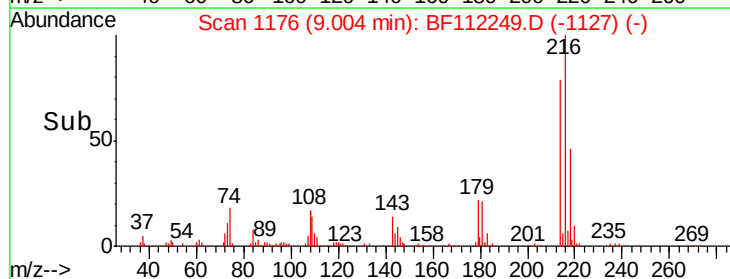
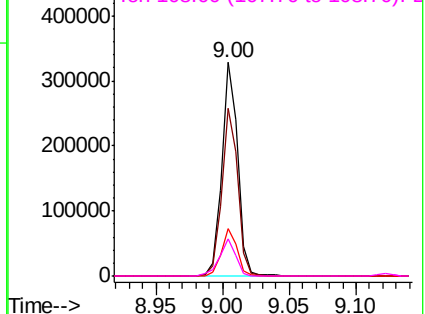
214 79.2 63.8 95.6

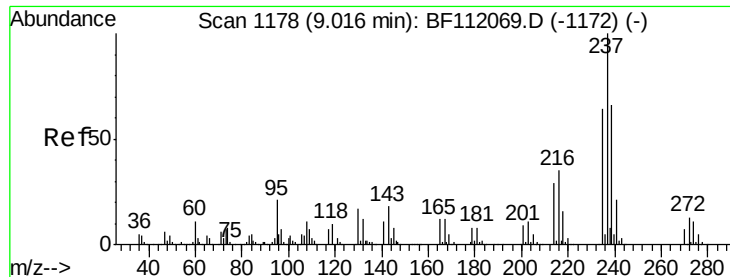
179 21.5 16.9 25.3

108 18.4 14.2 21.4



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

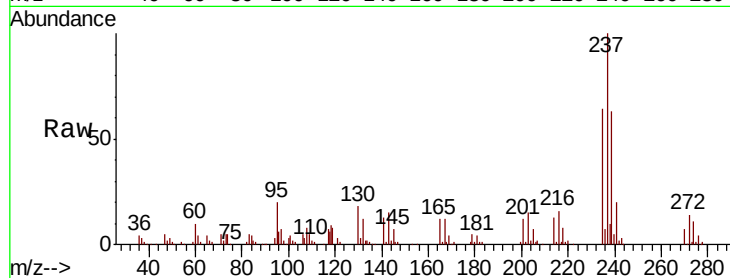




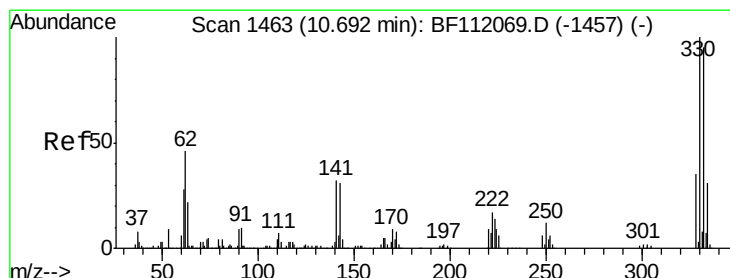
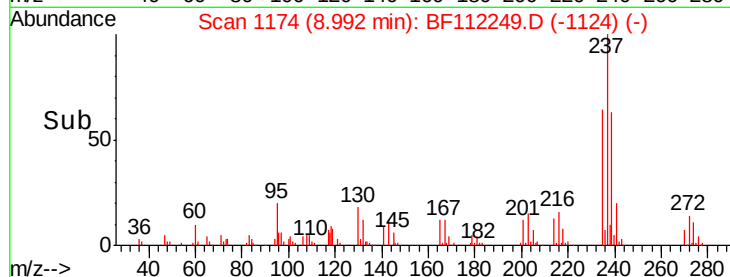
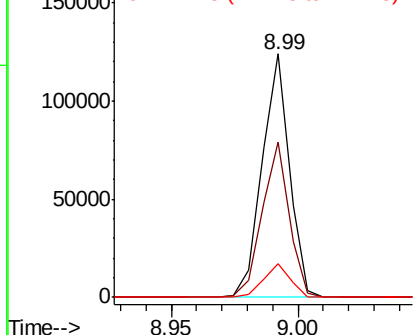
#41
Hexachlorocyclopentadiene
Concen: 41.552 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion: 237 Resp: 93898
Ion Ratio Lower Upper
237 100
235 63.8 44.0 84.0
272 13.6 0.0 33.3

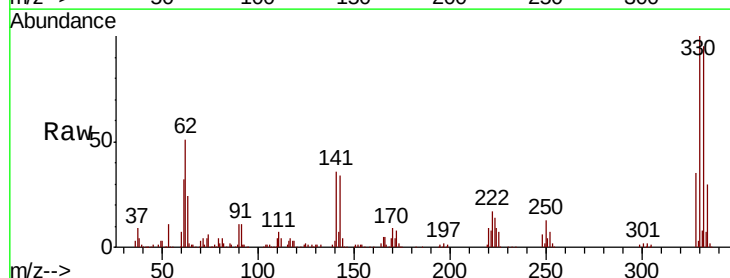


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

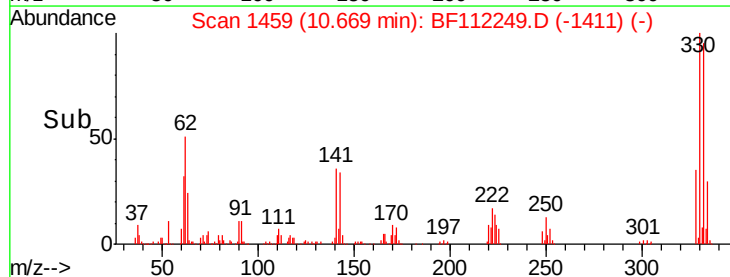
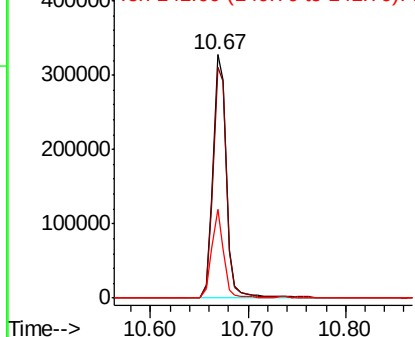


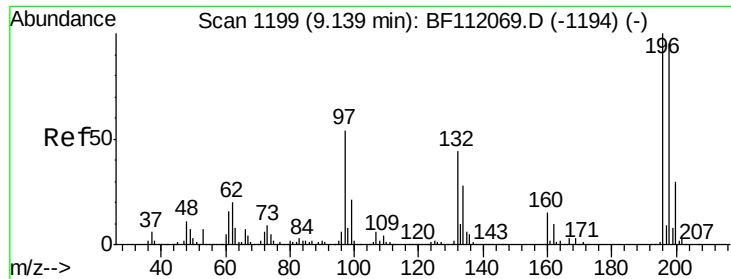
#42
2,4,6-Tribromophenol
Concen: 130.828 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion: 330 Resp: 315958
Ion Ratio Lower Upper
330 100
332 96.7 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

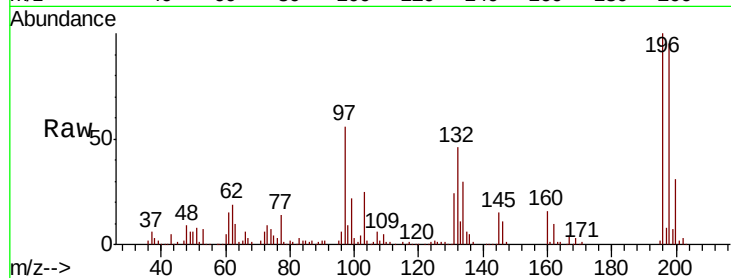




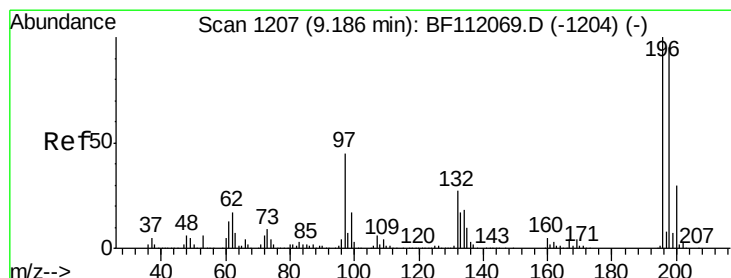
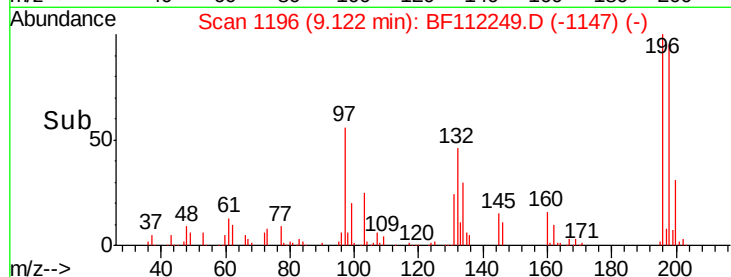
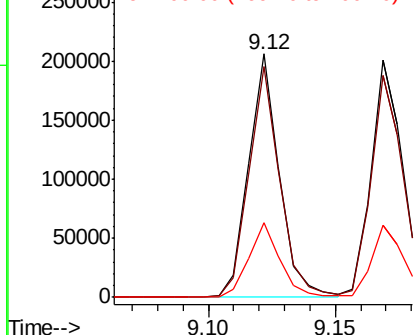
#43
 2,4,6-Trichlorophenol
 Concen: 41.611 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion:196 Resp: 174736
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.2 114.4
 200 30.6 24.3 36.5



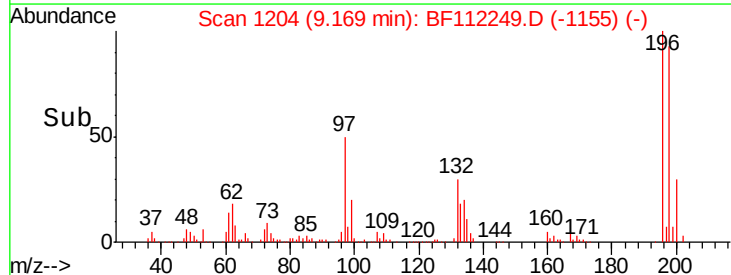
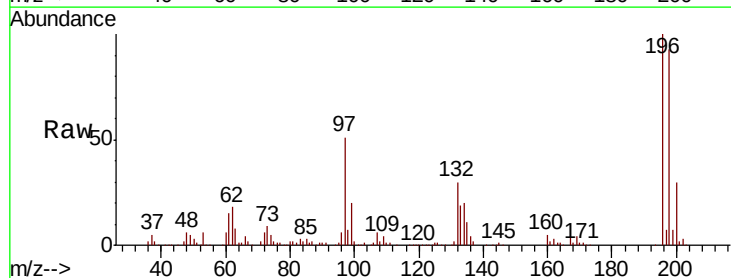
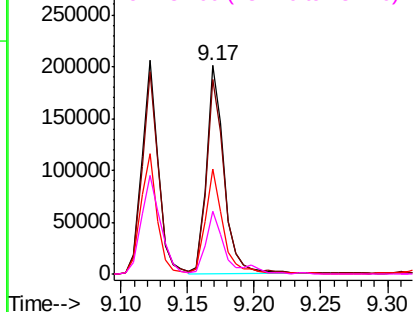
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

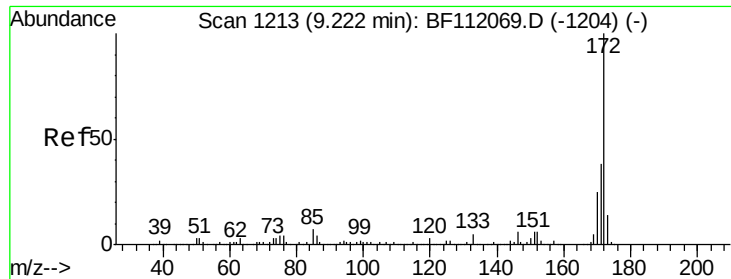


#44
 2,4,5-Trichlorophenol
 Concen: 42.270 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:196 Resp: 185515
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.0 114.0
 97 50.5 36.4 54.6
 132 30.0 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

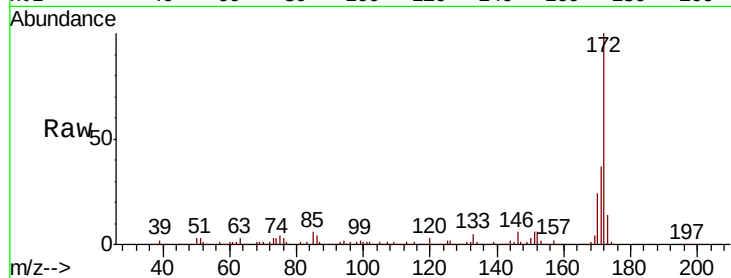




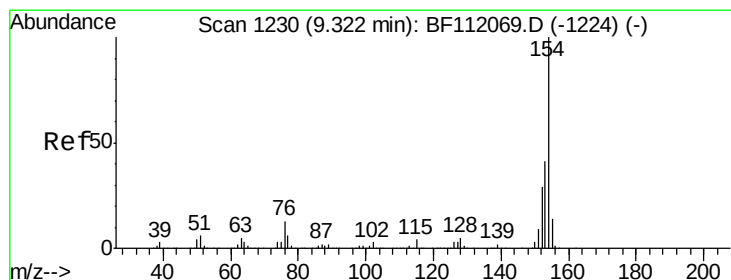
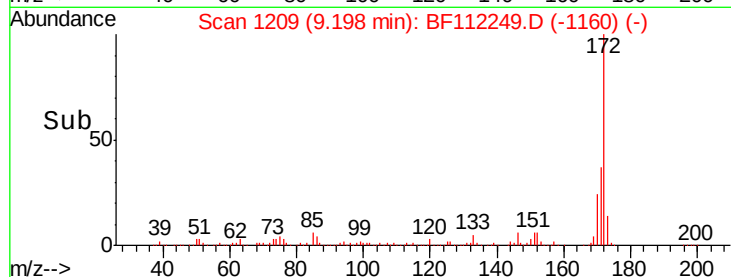
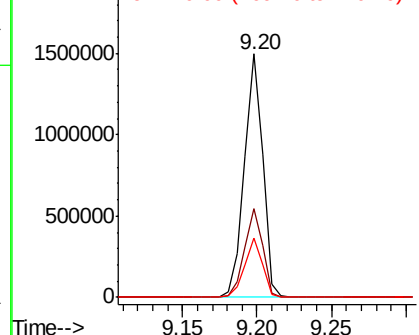
#45
 2-Fluorobiphenyl
 Concen: 88.034 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion:172 Resp: 1291465
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.5 45.7
 170 24.1 20.2 30.4

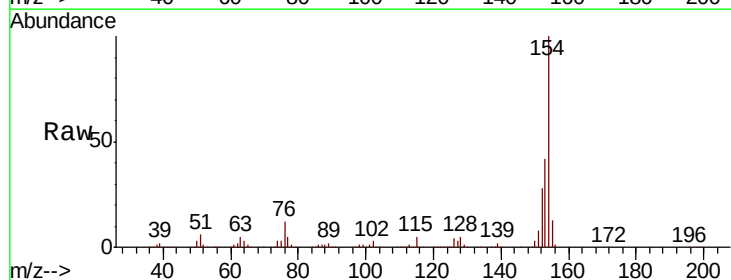


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

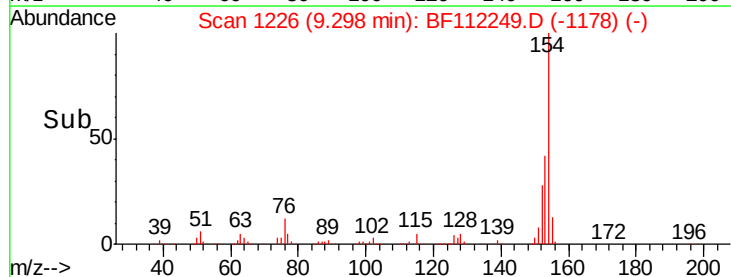
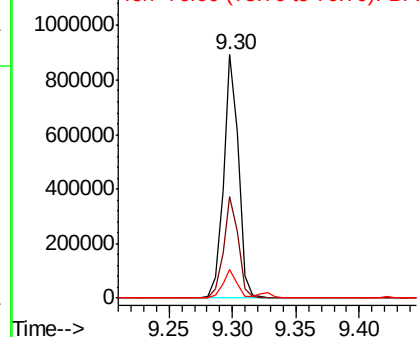


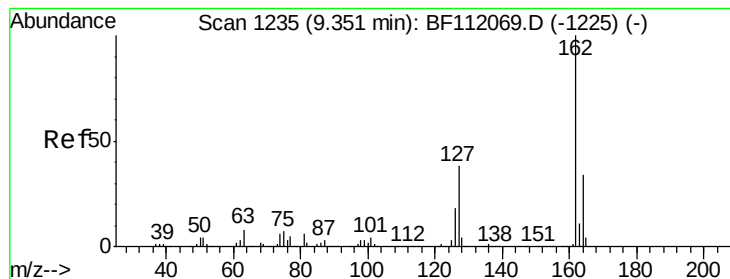
#46
 1,1'-Biphenyl
 Concen: 40.699 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:154 Resp: 738246
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.5 61.5
 76 11.5 0.0 33.1



Abundance Ion 154.00 (153.70 to 154.70): E
 1200000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 40.289 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

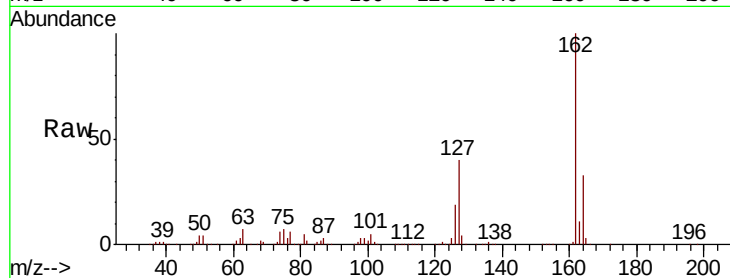
Tgt Ion: 162 Resp: 566715

Ion Ratio Lower Upper

162 100

127 40.4 30.4 45.6

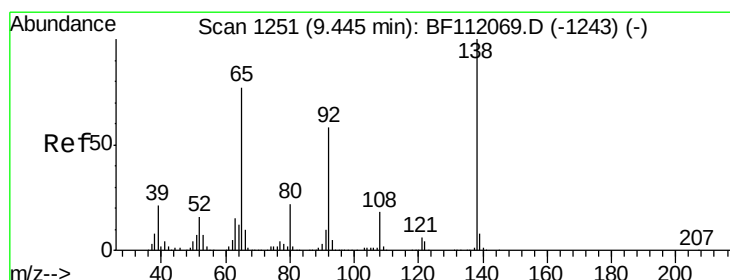
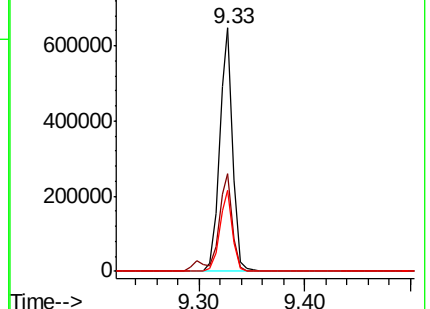
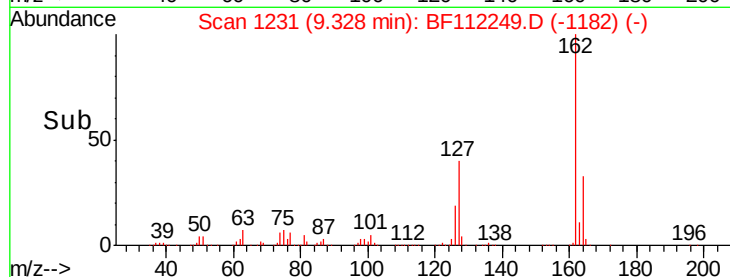
164 33.1 27.4 41.2



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: 39.362 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

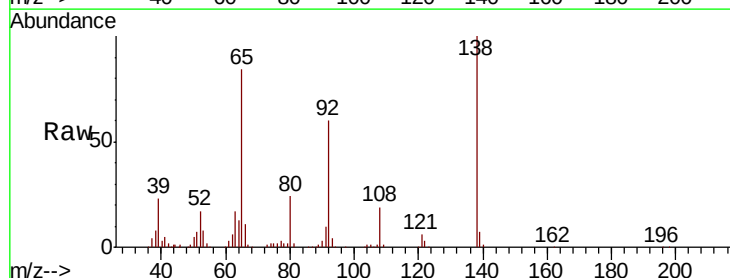
Tgt Ion: 65 Resp: 150911

Ion Ratio Lower Upper

65 100

92 71.1 60.4 90.6

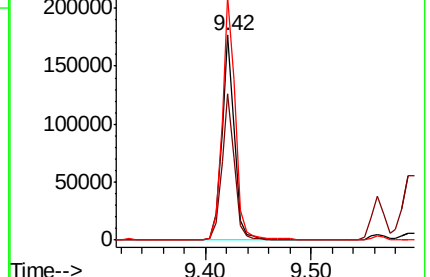
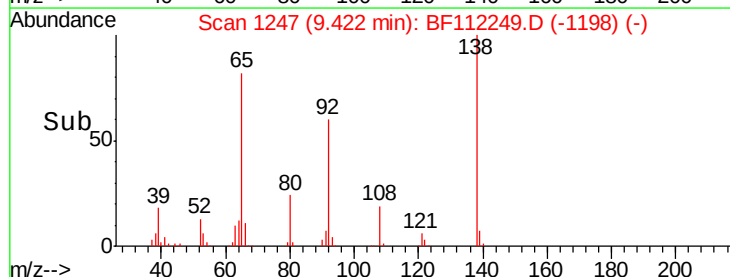
138 118.7 104.4 156.6

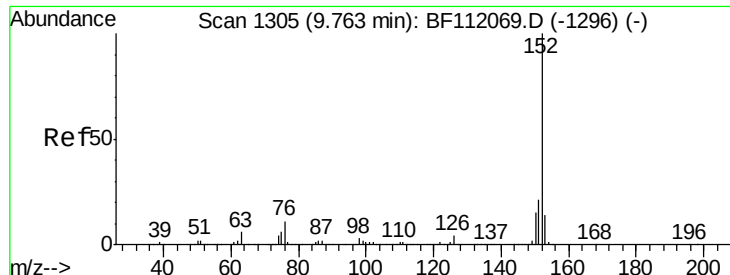


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.834 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

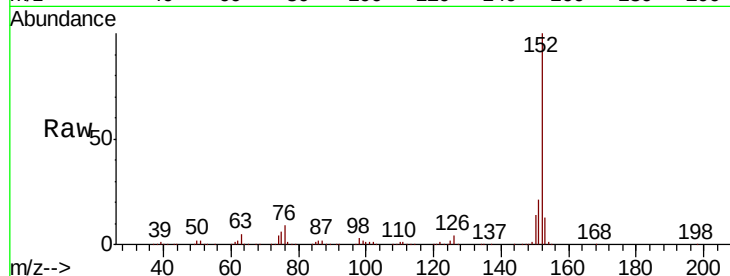
Tgt Ion:152 Resp: 903729

Ion Ratio Lower Upper

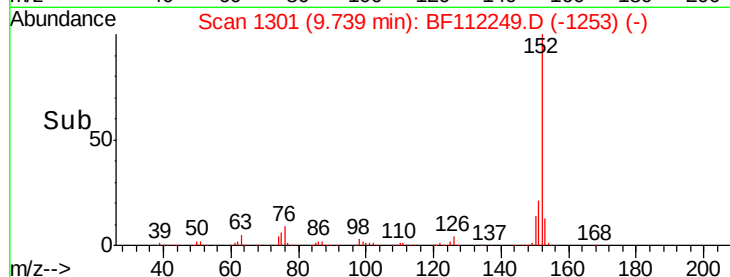
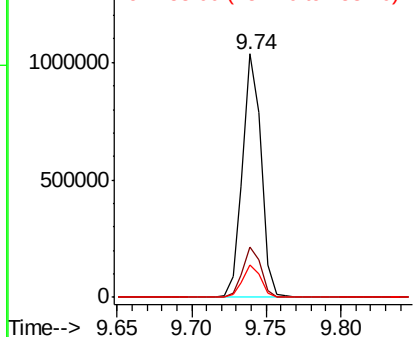
152 100

151 20.6 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: 41.524 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

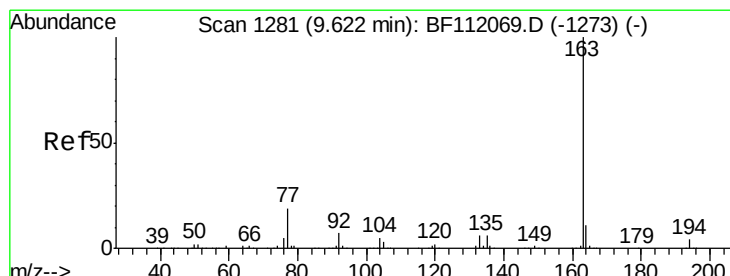
Tgt Ion:163 Resp: 669383

Ion Ratio Lower Upper

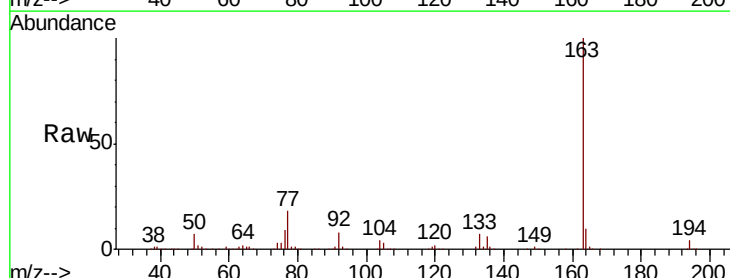
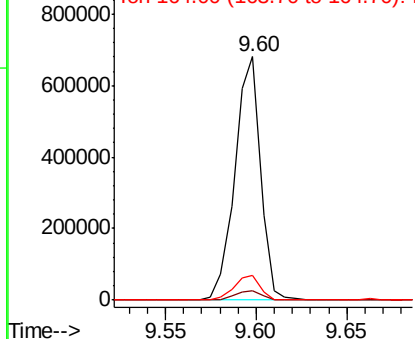
163 100

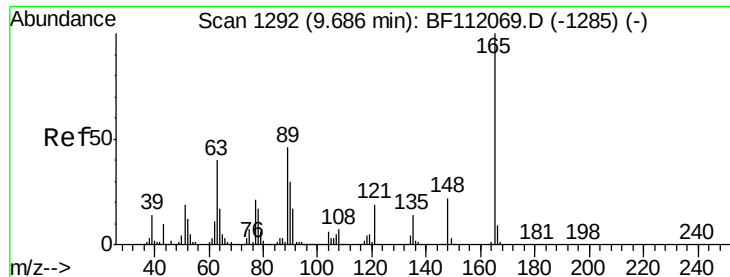
194 3.9 3.3 4.9

164 10.0 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

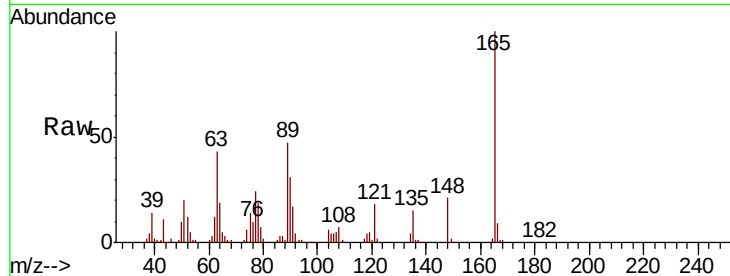




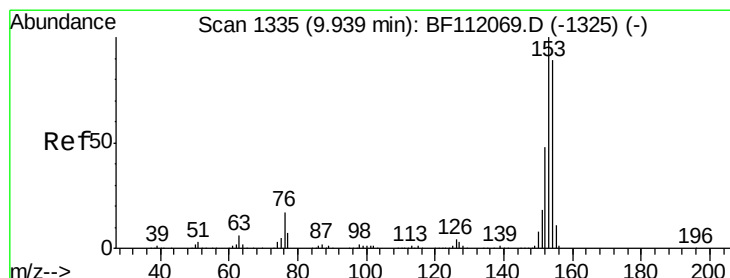
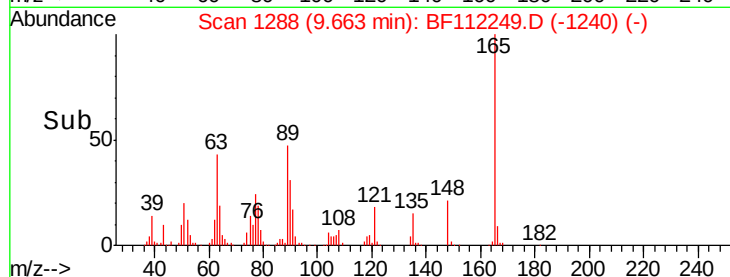
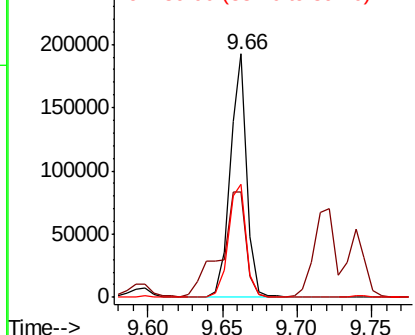
#51
 2,6-Dinitrotoluene
 Concen: 42.074 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion:165 Resp: 151902
 Ion Ratio Lower Upper
 165 100
 63 43.3 33.8 50.8
 89 46.6 36.9 55.3

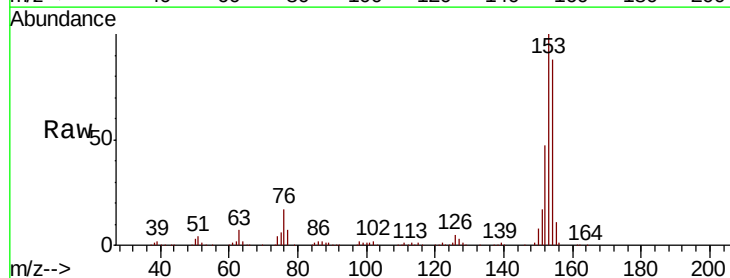


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

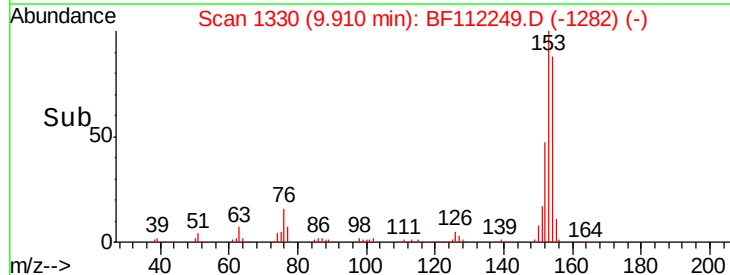
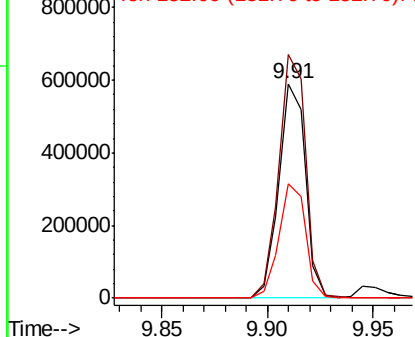


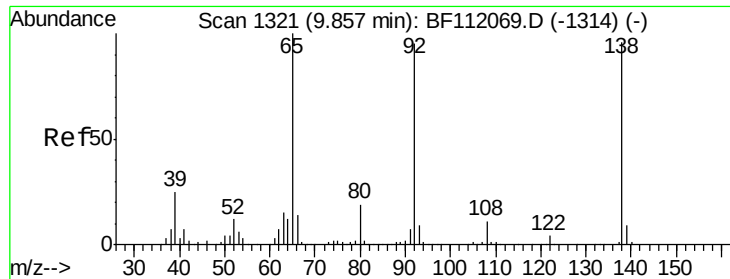
#52
 Acenaphthene
 Concen: 42.147 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:154 Resp: 519085
 Ion Ratio Lower Upper
 154 100
 153 113.6 89.8 134.6
 152 53.3 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

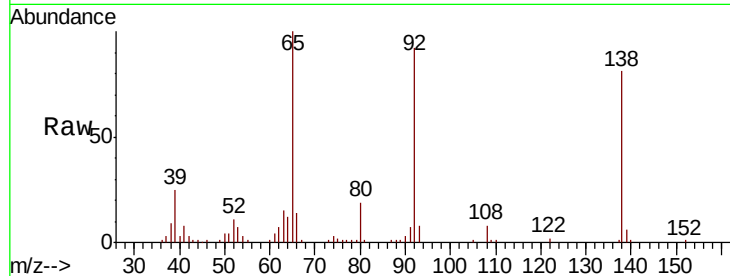




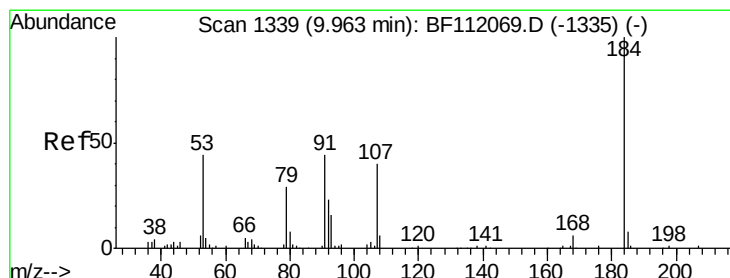
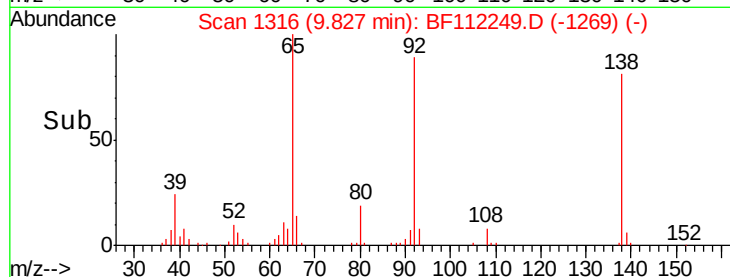
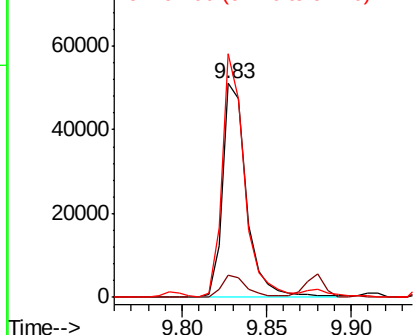
#53
3-Nitroaniline
Concen: 12.928 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion:138 Resp: 50567
Ion Ratio Lower Upper
138 100
108 10.2 9.8 14.6
92 113.8 79.4 119.2

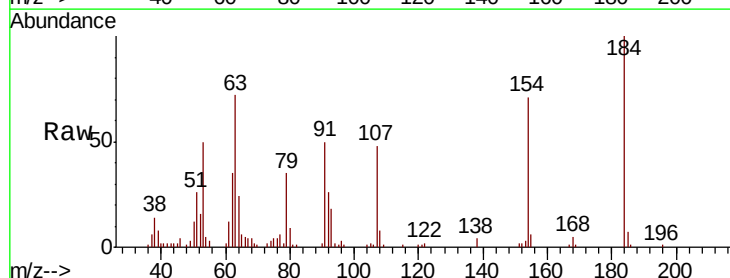


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

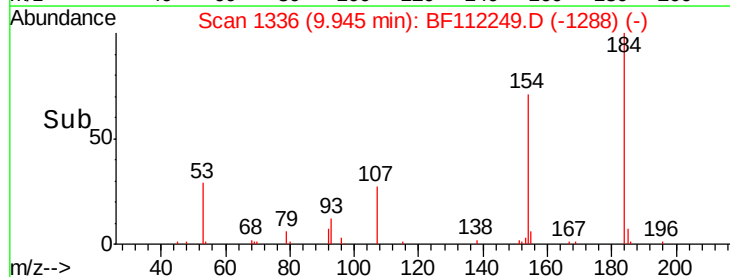
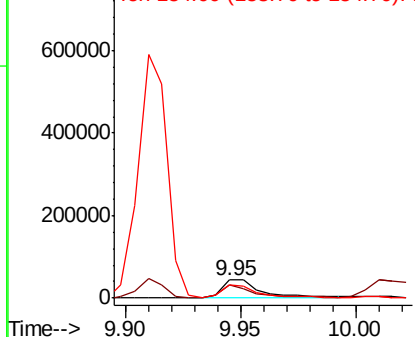


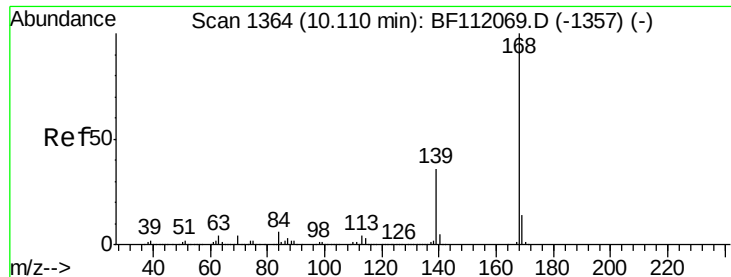
#54
2,4-Dinitrophenol
Concen: 45.834 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:184 Resp: 53106
Ion Ratio Lower Upper
184 100
63 72.1 47.1 70.7#
154 70.6 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

Dibenzofuran

Concen: 42.608 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

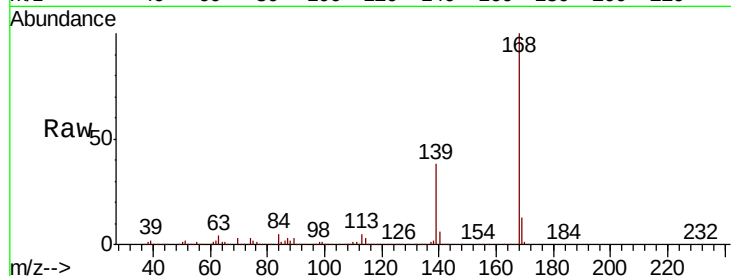
Tgt Ion:168 Resp: 801915

Ion Ratio Lower Upper

168 100

139 38.0 29.2 43.8

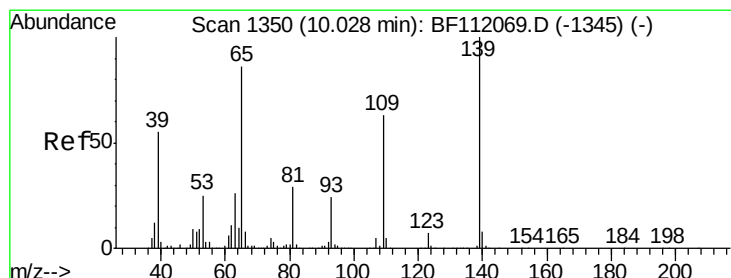
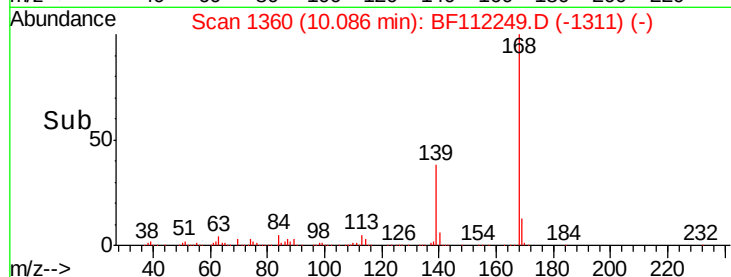
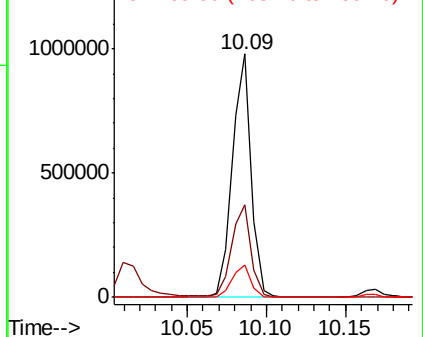
169 13.2 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 75.456 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

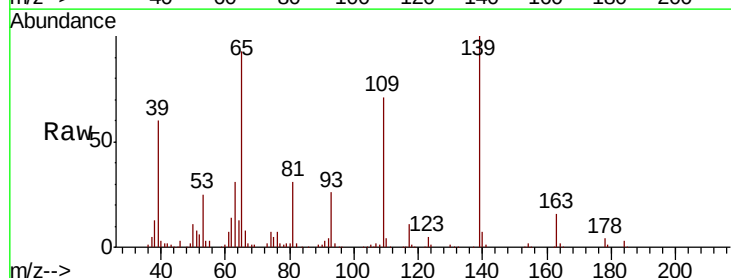
Tgt Ion:139 Resp: 156036

Ion Ratio Lower Upper

139 100

109 71.0 42.8 82.8

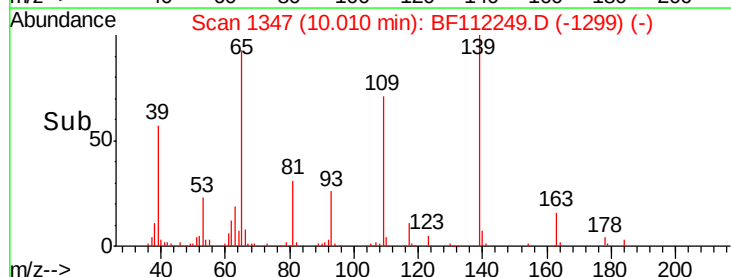
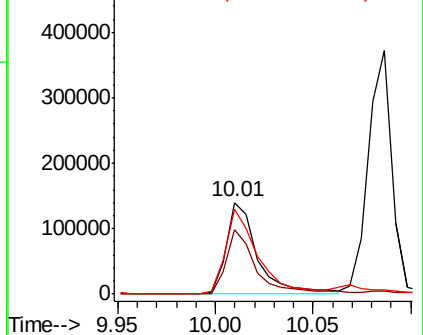
65 93.1 66.1 106.1

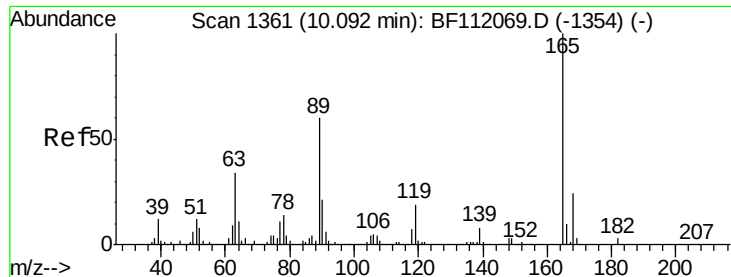


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

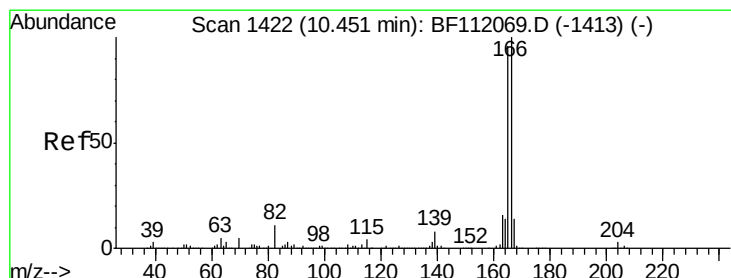
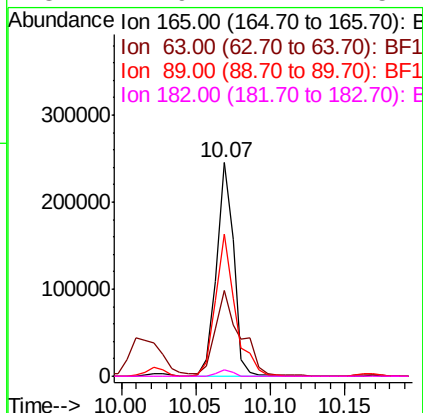
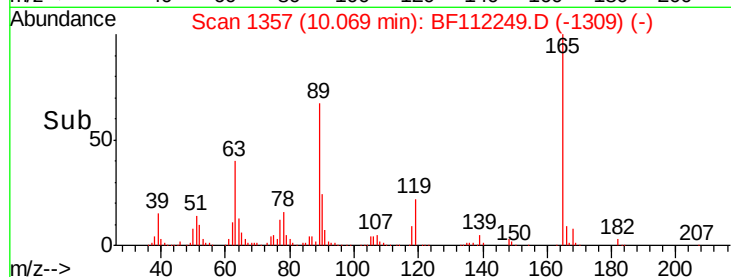
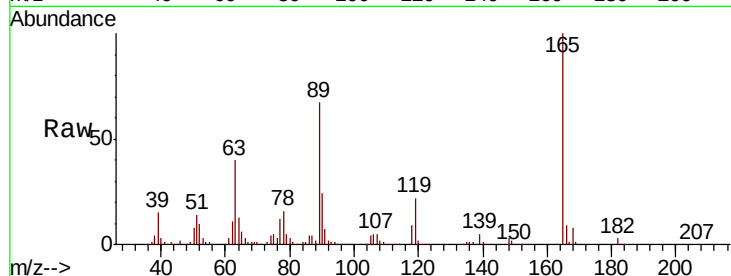




#57
2,4-Dinitrotoluene
Concen: 43.231 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

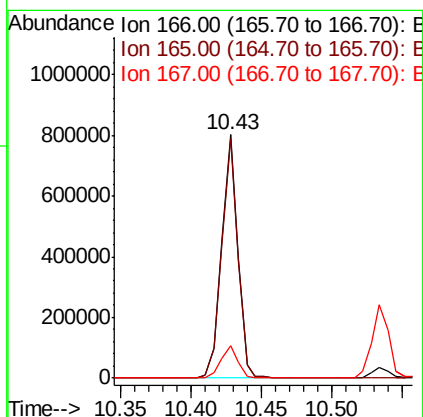
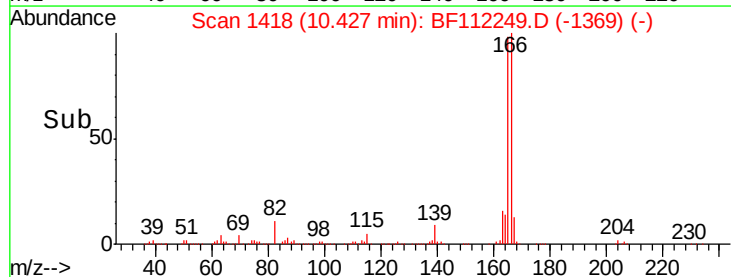
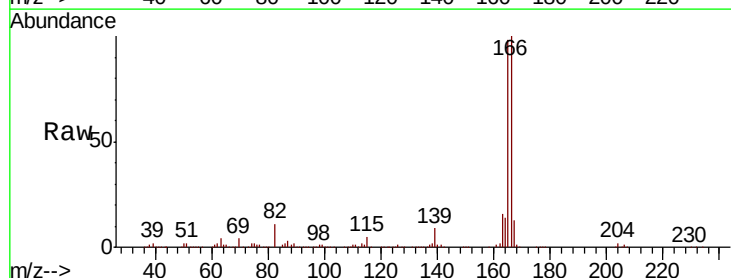
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

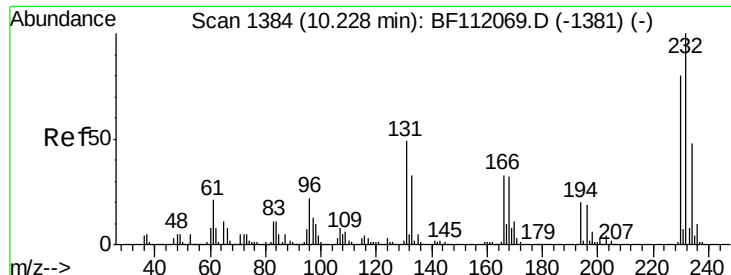
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	27.9	41.9
89	66.5	47.9	71.9
182	2.9	2.2	3.4



#58
Fluorene
Concen: 45.291 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.1	115.7
167	13.3	11.3	16.9

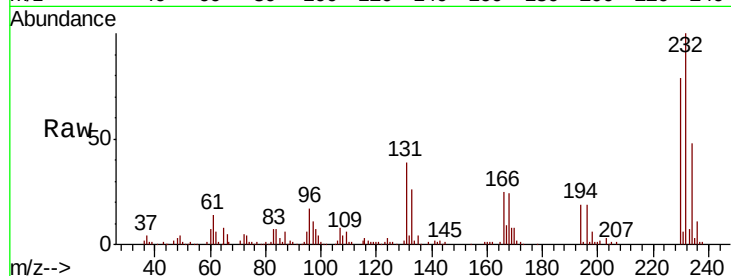




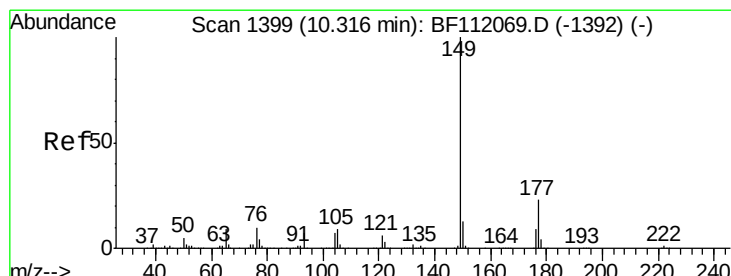
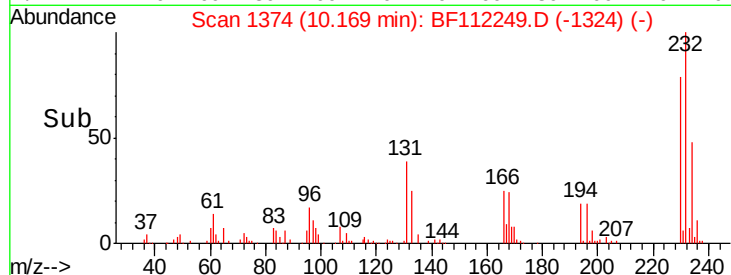
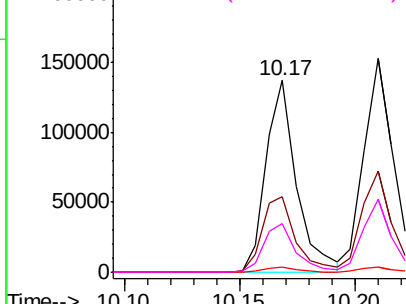
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.448 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion:	232	Resp:	126478
Ion	Ratio	Lower	Upper
232	100		
131	43.2	33.9	50.9
130	2.6	1.8	2.6
166	26.7	23.6	35.4

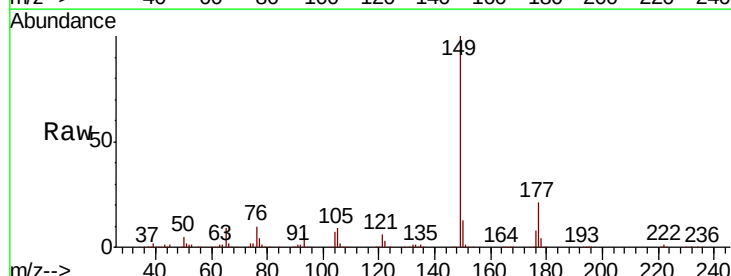


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

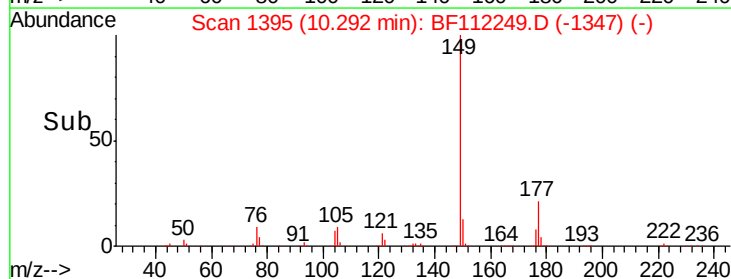
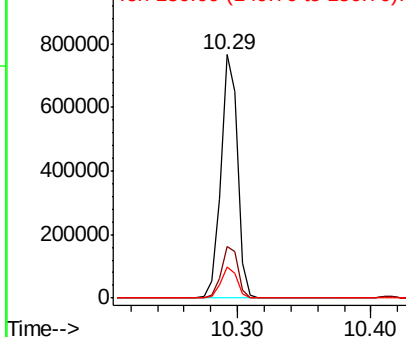


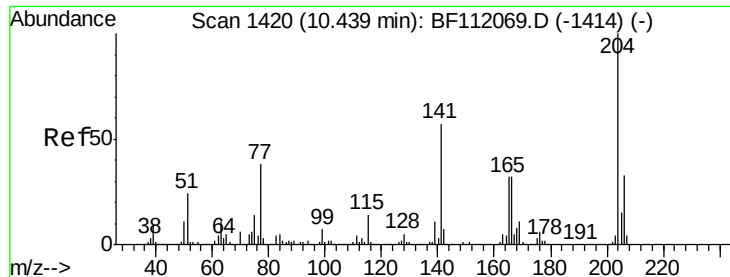
#60
 Diethylphthalate
 Concen: 42.307 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:	149	Resp:	676817
Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.2	27.2
150	12.8	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

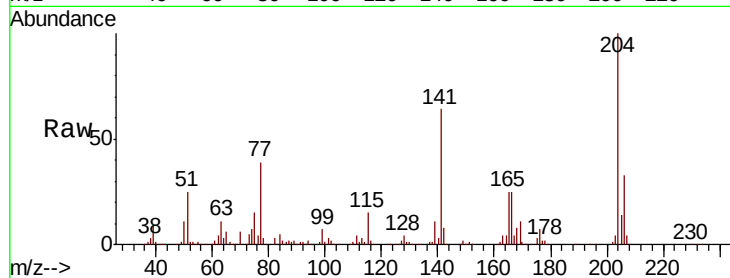




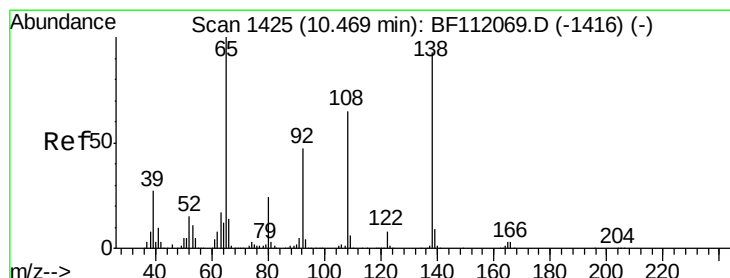
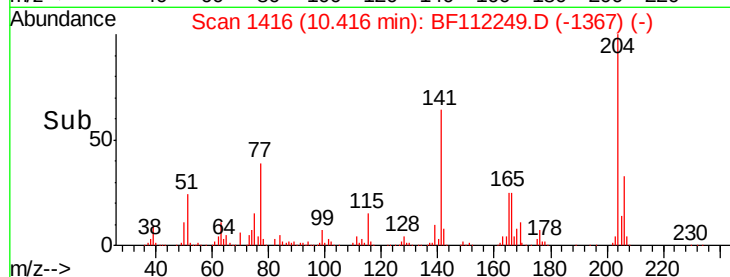
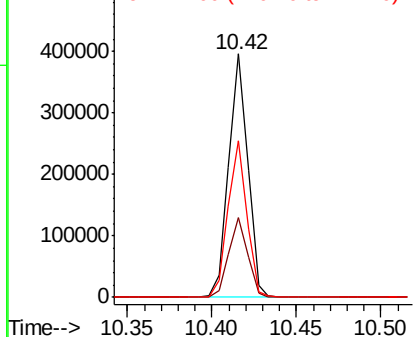
#61
4-Chlorophenyl-phenylether
Concen: 40.422 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion: 204 Resp: 309685
Ion Ratio Lower Upper
204 100
206 32.9 26.5 39.7
141 64.4 45.9 68.9

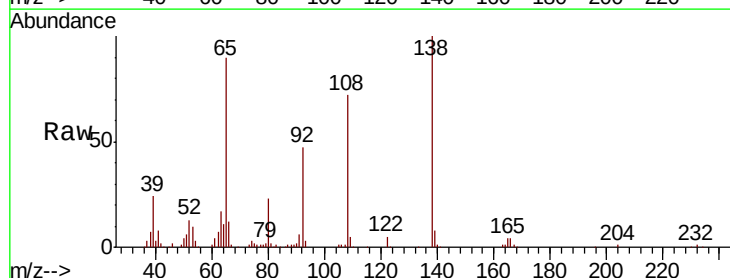


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

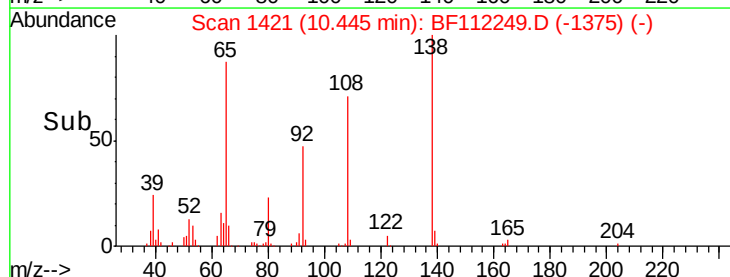
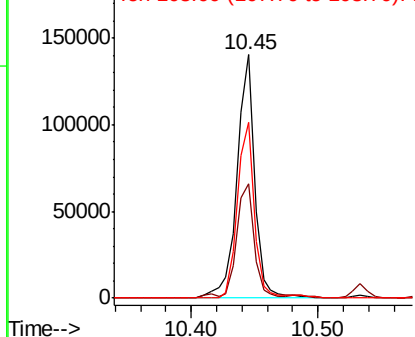


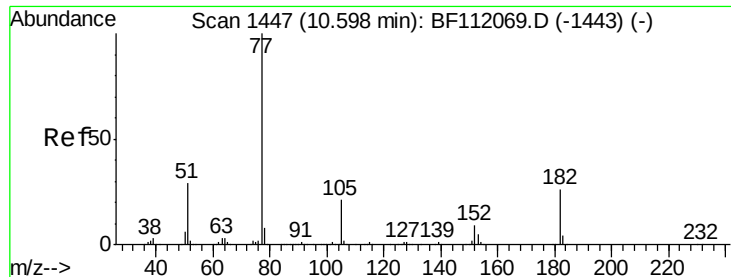
#62
4-Nitroaniline
Concen: 35.244 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion: 138 Resp: 135214
Ion Ratio Lower Upper
138 100
92 46.7 30.6 70.6
108 72.3 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

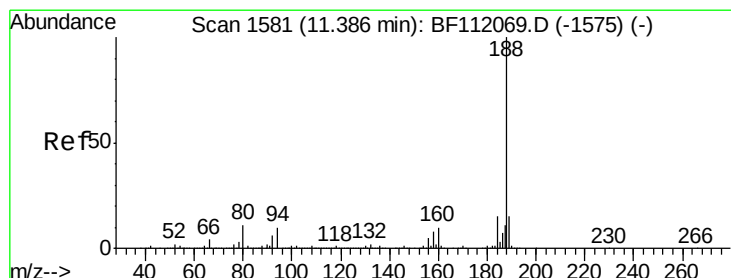
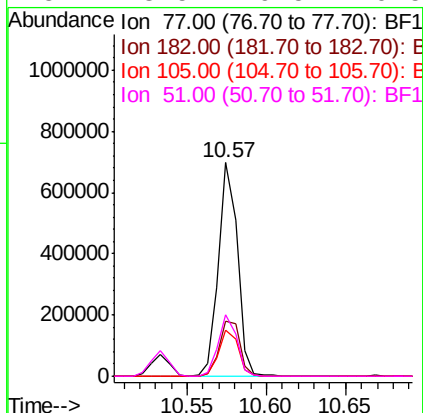
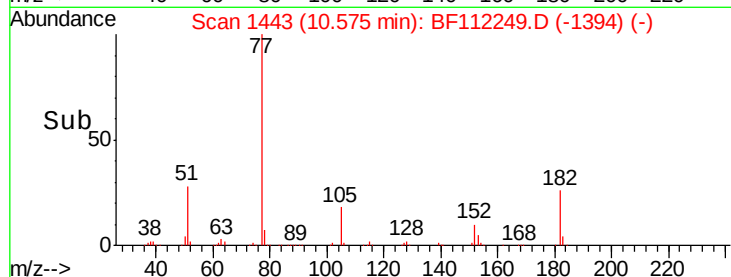
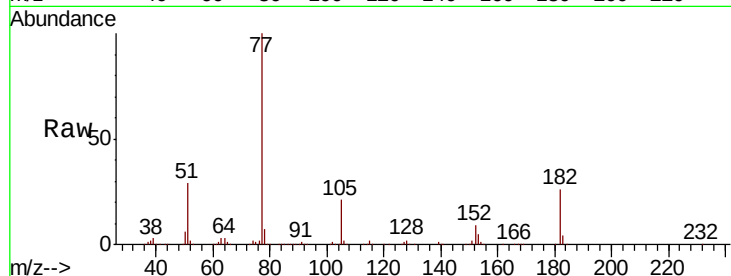




#63
Azobenzene
Concen: 41.072 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

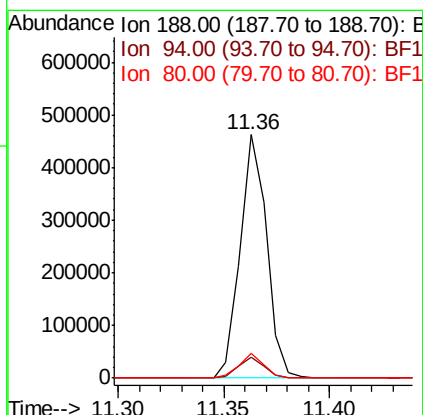
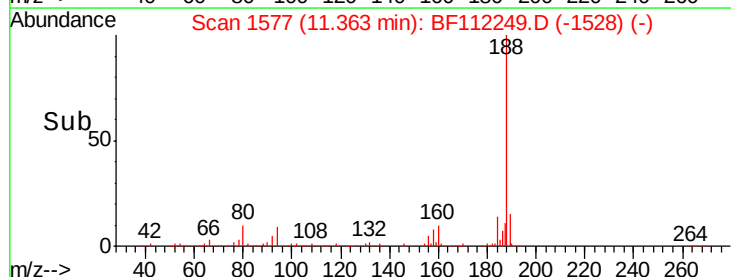
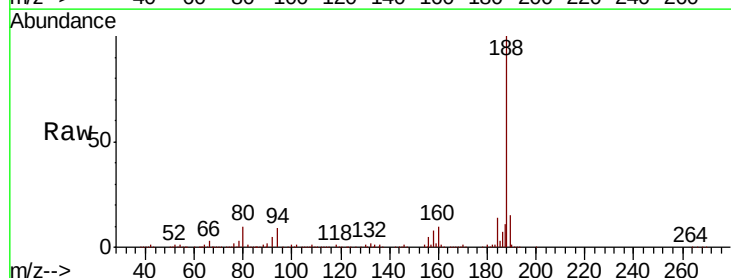
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

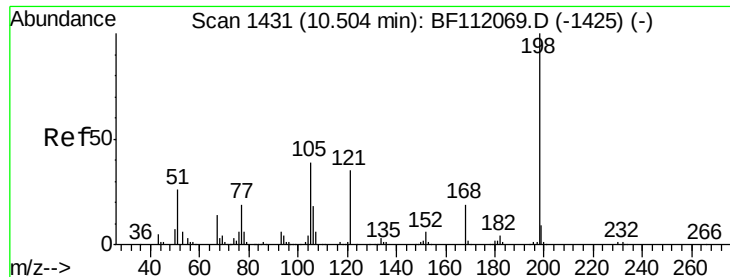
Tgt Ion:	77	Resp:	577878
Ion	Ratio	Lower	Upper
77	100		
182	25.8	5.7	45.7
105	21.5	1.4	41.4
51	28.5	9.5	49.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:	188	Resp:	402119
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.2
80	10.0	8.9	13.3





#65

4,6-Dinitro-2-methylphenol

Concen: 25.296 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

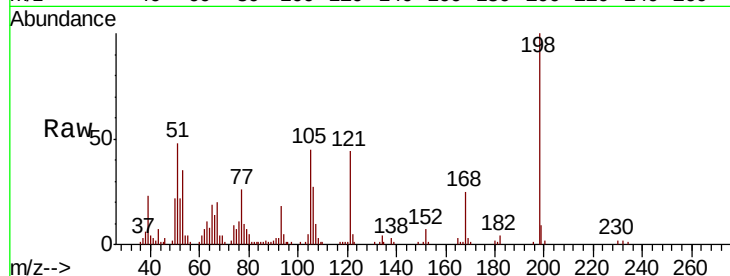
Tgt Ion:198 Resp: 57031

Ion Ratio Lower Upper

198 100

51 48.0 17.2 57.2

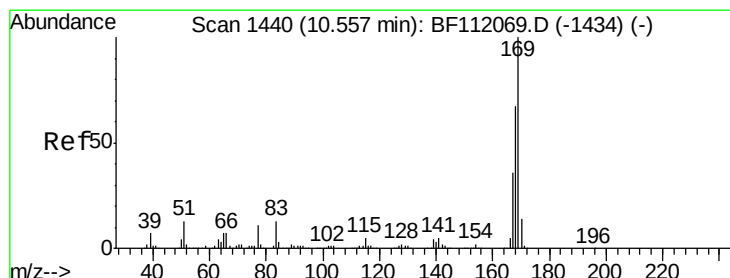
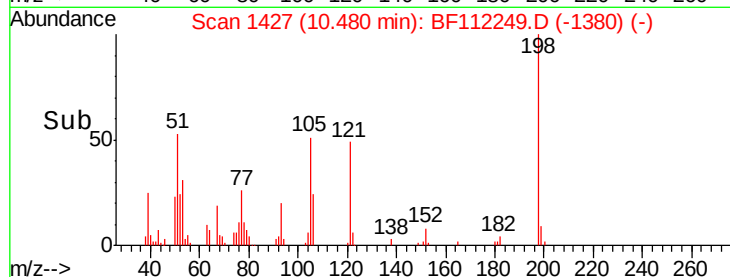
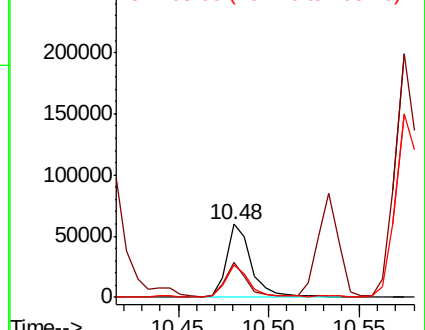
105 44.8 21.9 61.9



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: 41.639 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

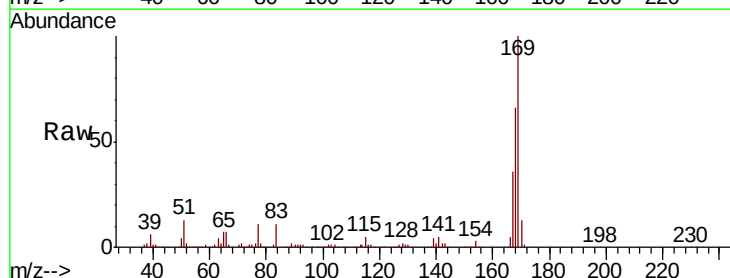
Tgt Ion:169 Resp: 564317

Ion Ratio Lower Upper

169 100

168 66.2 53.9 80.9

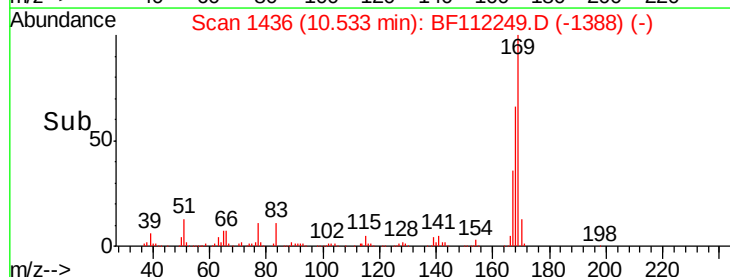
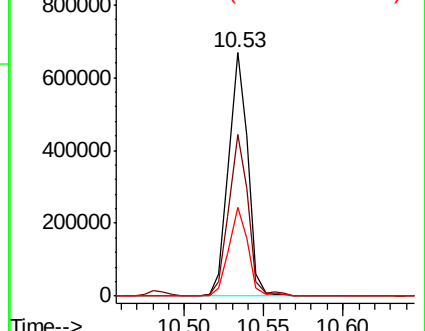
167 36.3 28.9 43.3

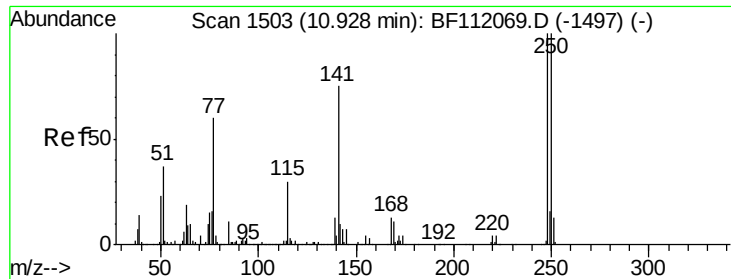


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

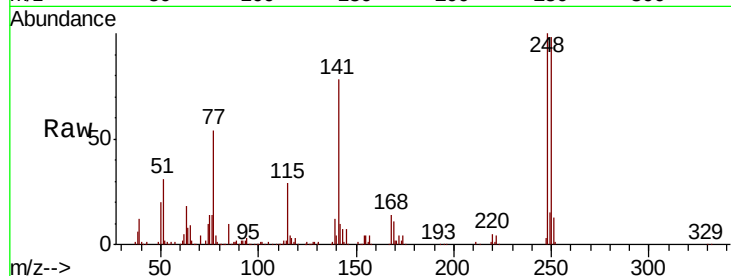




#67
 4-Bromophenyl-phenylether
 Concen: 39.914 ng
 RT: 10.90 min Scan# 1499
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.5	79.7	119.5
141	77.8	60.3	90.5

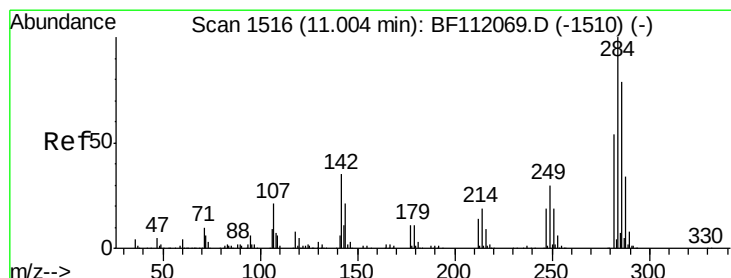
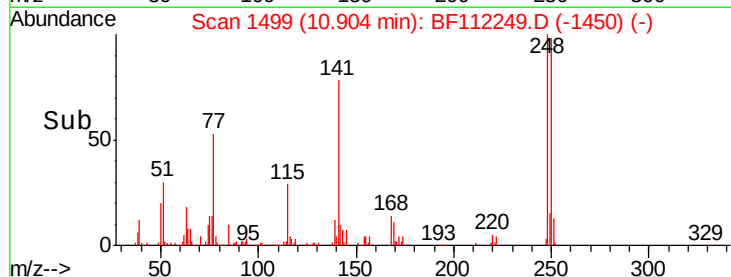
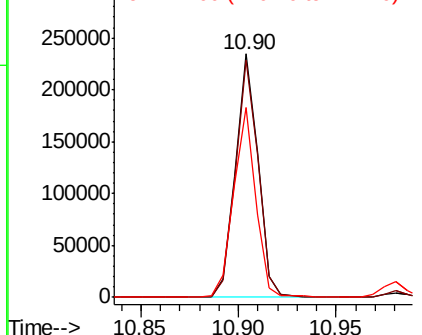


Abundance

Ion 248.00 (247.70 to 248.70): E

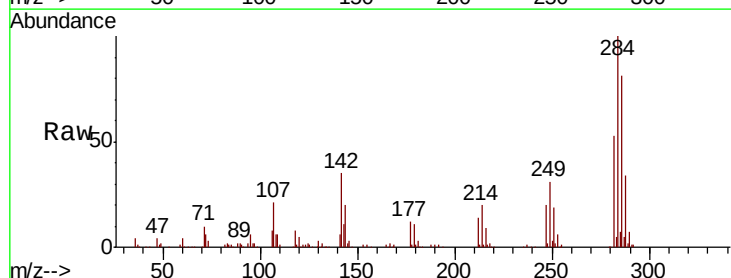
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.304 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	27.6	41.4
249	31.2	24.1	36.1

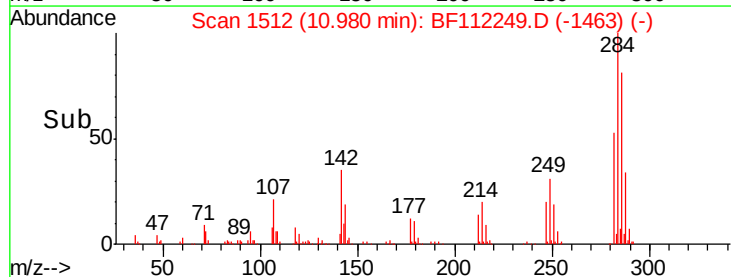
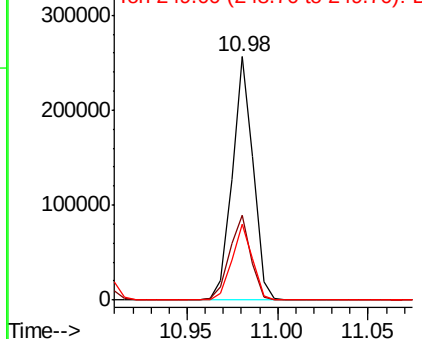


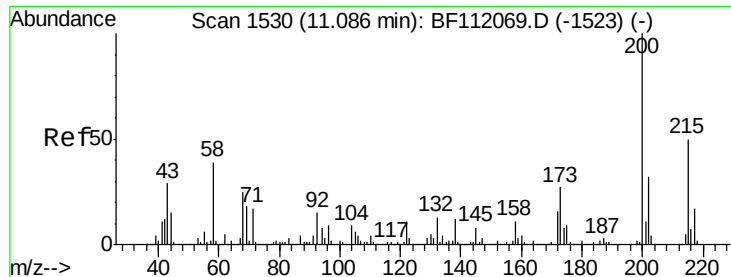
Abundance

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

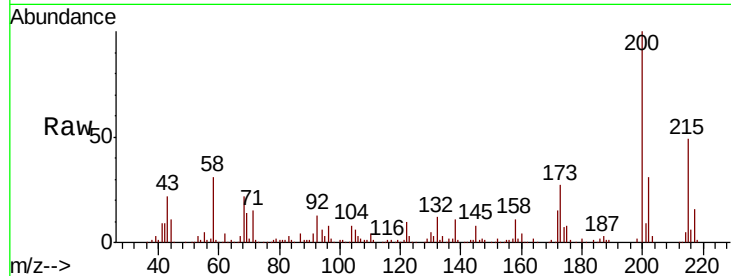




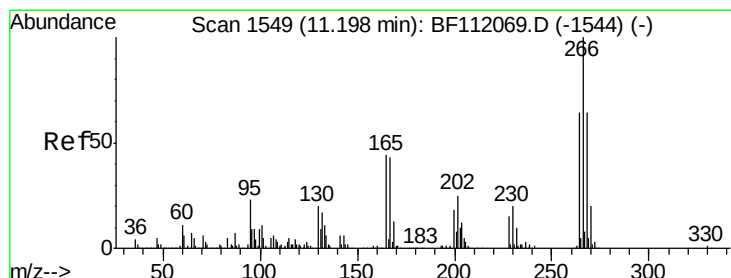
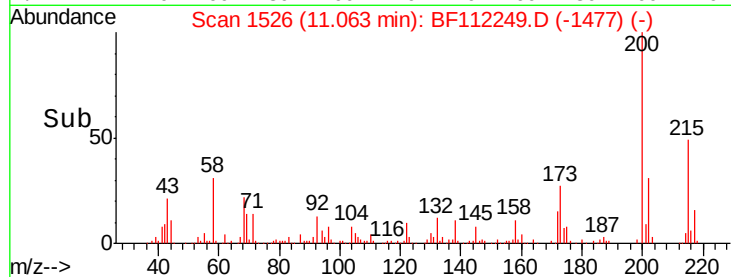
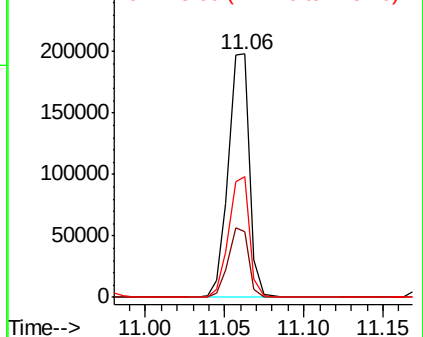
#69
 Atrazine
 Concen: 42.313 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

Tgt Ion:200 Resp: 185034
 Ion Ratio Lower Upper
 200 100
 173 27.2 7.1 47.1
 215 49.4 30.4 70.4

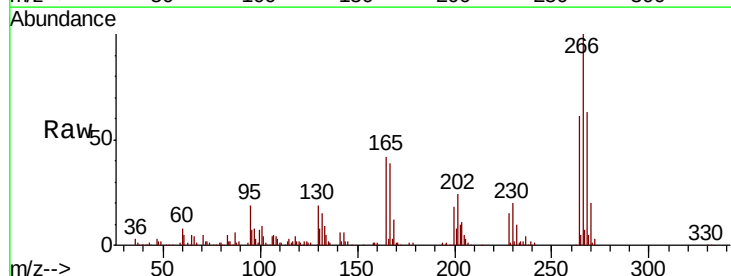


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

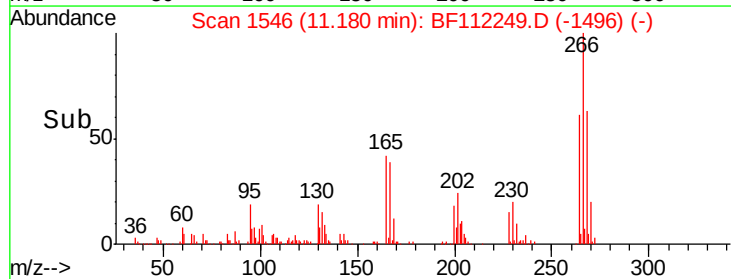
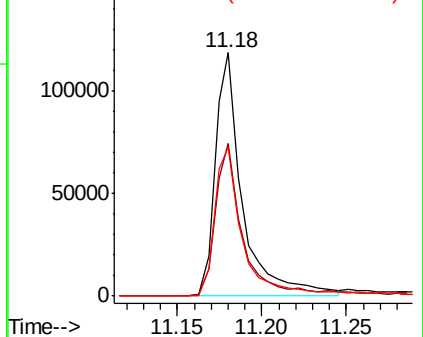


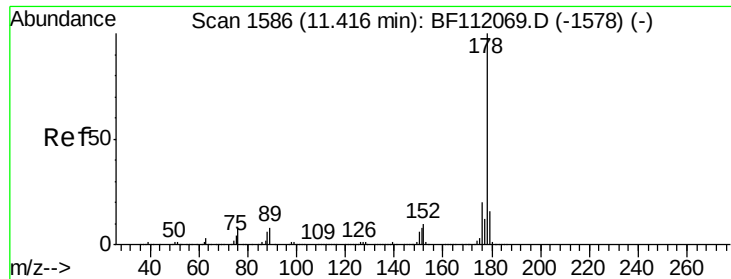
#70
 Pentachlorophenol
 Concen: 67.682 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:266 Resp: 133631
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.2 76.8
 264 61.0 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: 44.075 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

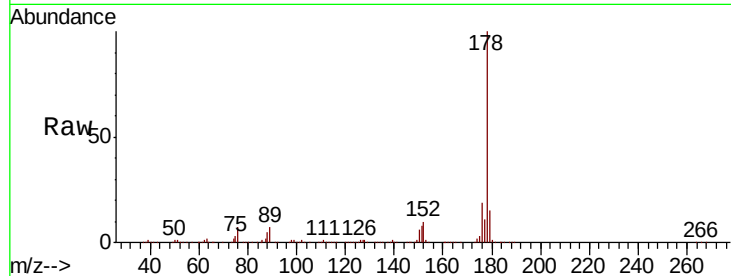
Tgt Ion:178 Resp: 921415

Ion Ratio Lower Upper

178 100

176 18.8 16.3 24.5

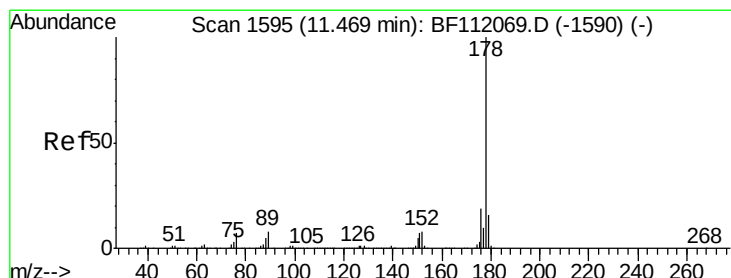
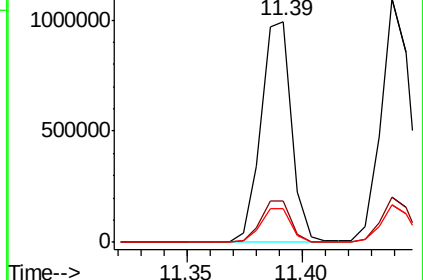
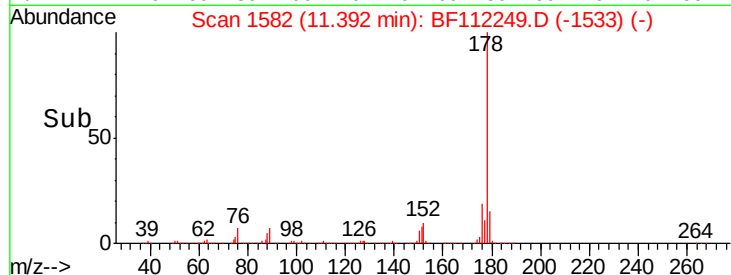
179 15.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.993 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

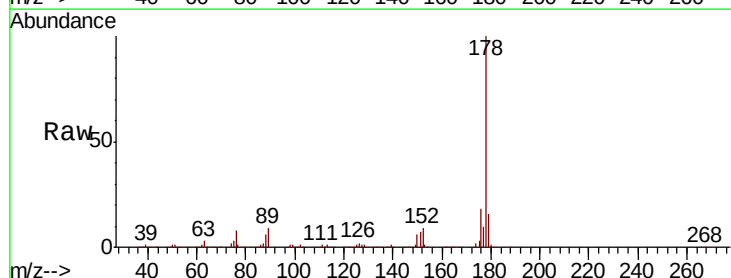
Tgt Ion:178 Resp: 957778

Ion Ratio Lower Upper

178 100

176 18.5 15.5 23.3

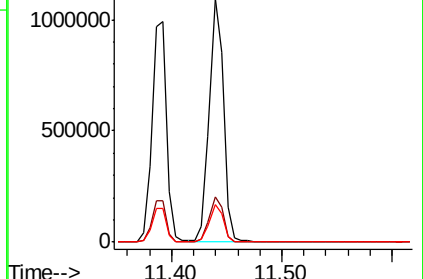
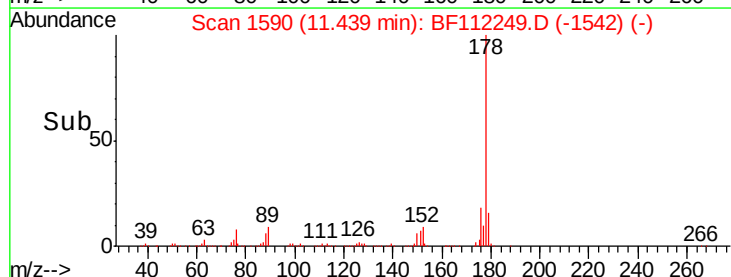
179 15.5 12.8 19.2

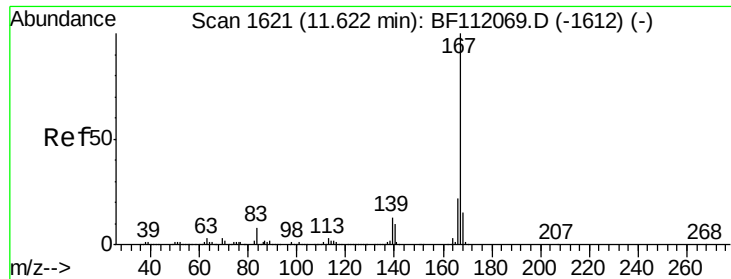


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

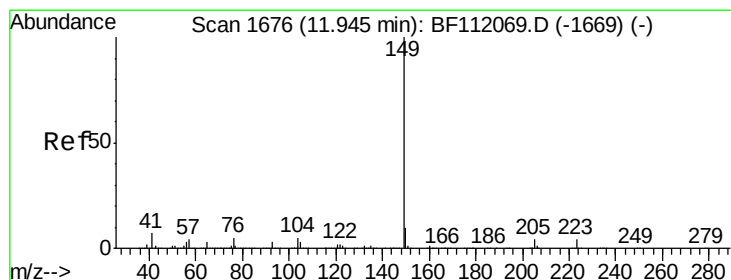
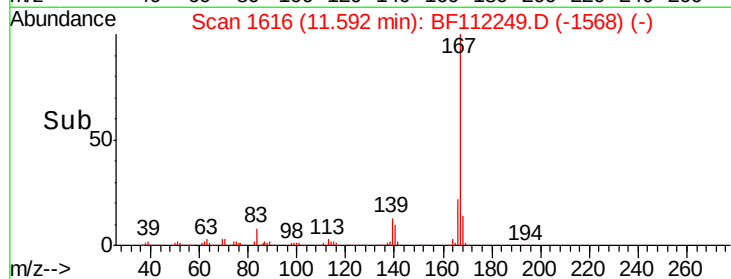
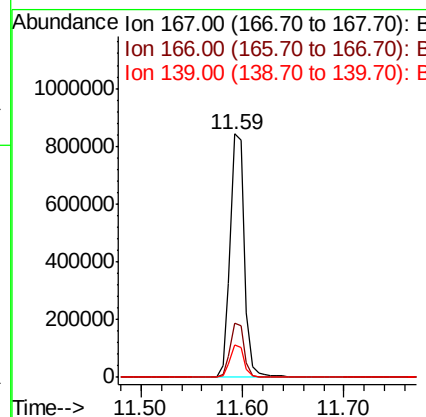
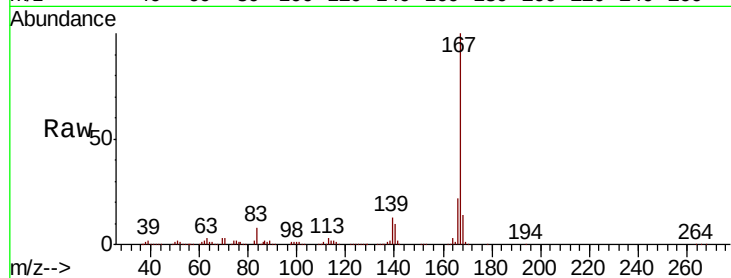




#73
 Carbazole
 Concen: 40.272 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

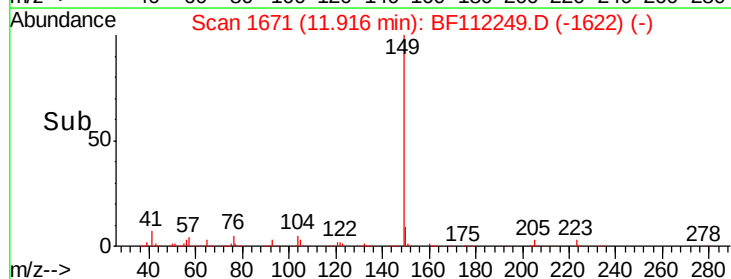
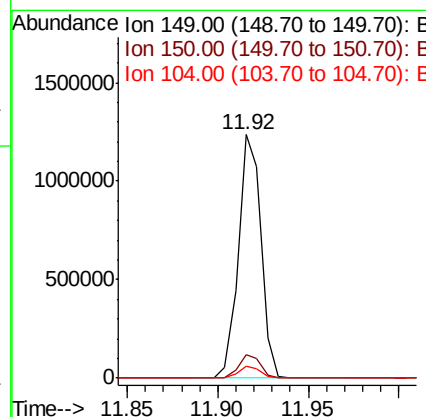
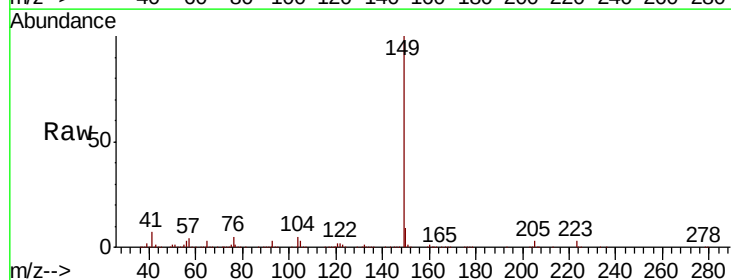
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-012319MS

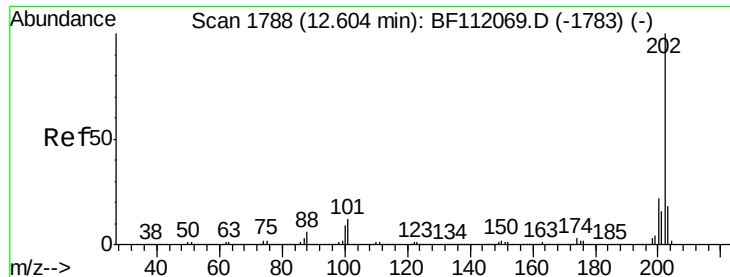
Tgt Ion:167 Resp: 827255
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.9 26.9
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 41.931 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF112249.D
 Acq: 25 Jan 2019 23:13

Tgt Ion:149 Resp: 1069136
 Ion Ratio Lower Upper
 149 100
 150 9.4 8.1 12.1
 104 4.8 3.9 5.9





#75

Fluoranthene

Concen: 41.446 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

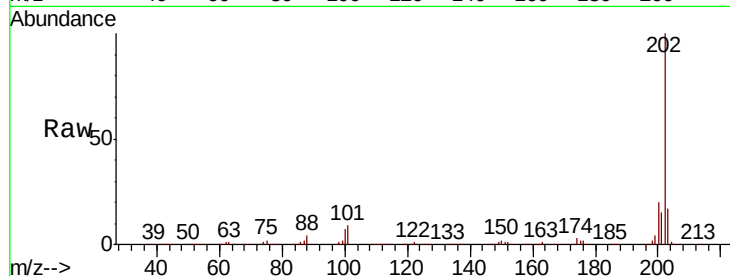
Tgt Ion: 202 Resp: 929328

Ion Ratio Lower Upper

202 100

101 9.5 0.0 31.8

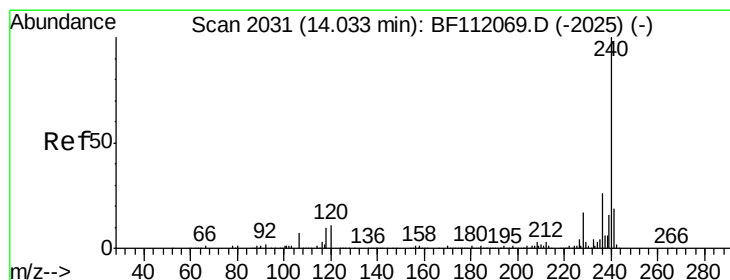
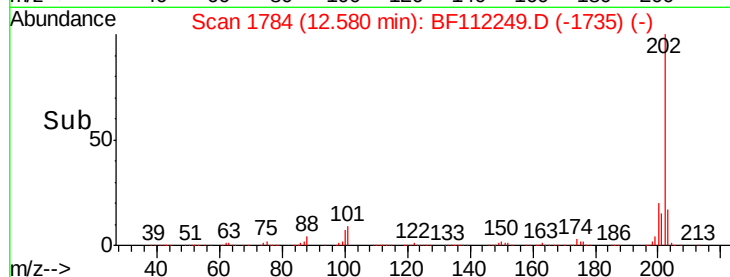
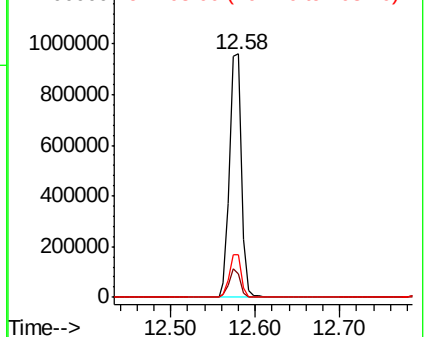
203 17.4 0.0 38.4



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: BF112249.D

Acq: 25 Jan 2019 23:13

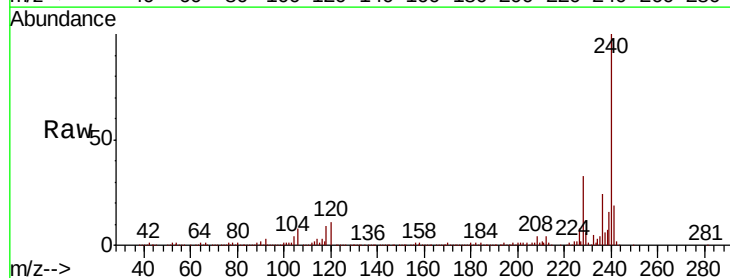
Tgt Ion: 240 Resp: 266930

Ion Ratio Lower Upper

240 100

120 10.9 9.0 13.6

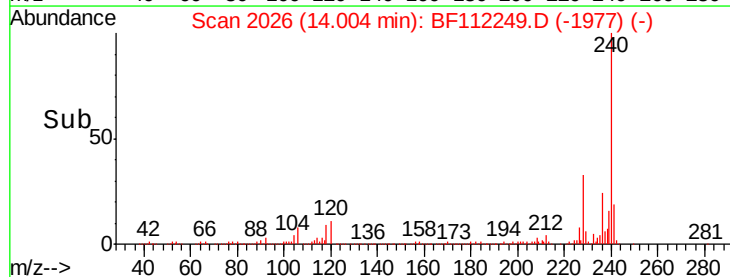
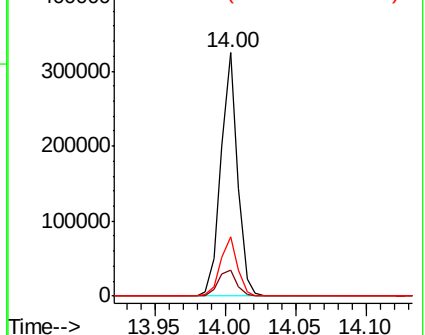
236 24.3 20.7 31.1

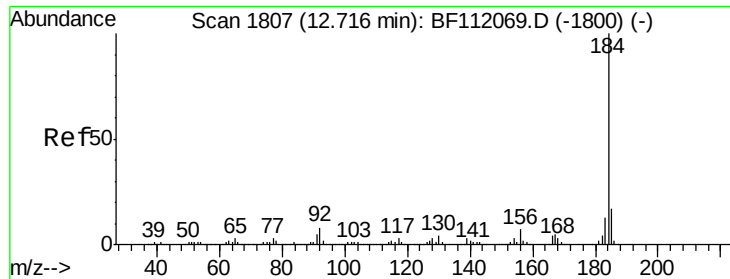


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.471 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

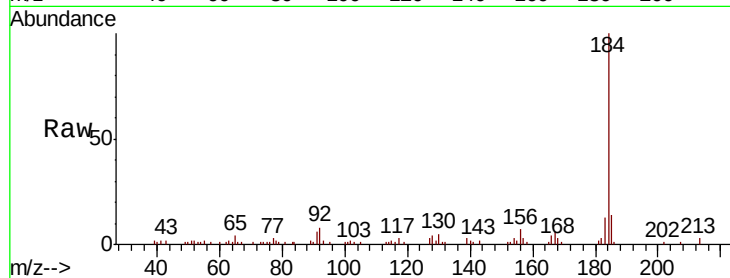
Tgt Ion:184 Resp: 47540

Ion Ratio Lower Upper

184 100

185 13.8 13.9 20.9#

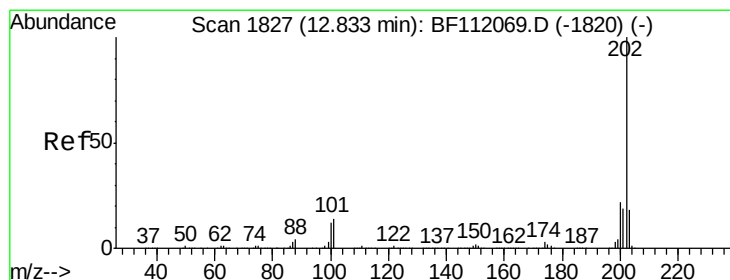
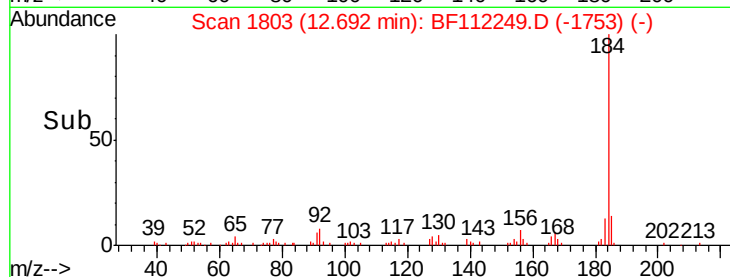
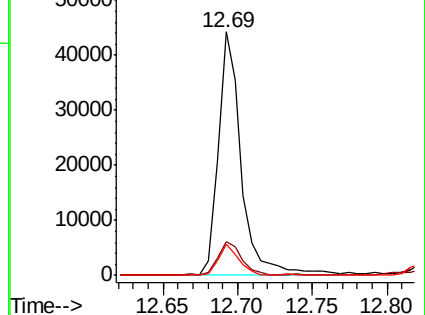
183 12.8 10.0 15.0



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: 49.918 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

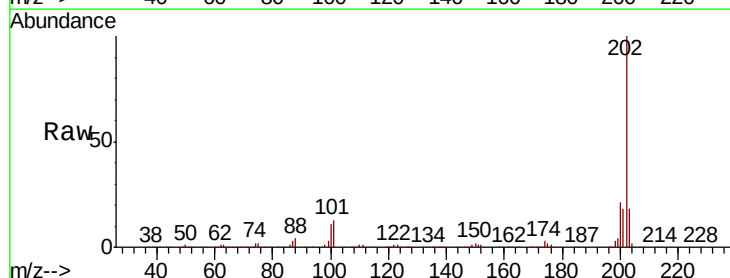
Tgt Ion:202 Resp: 922512

Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

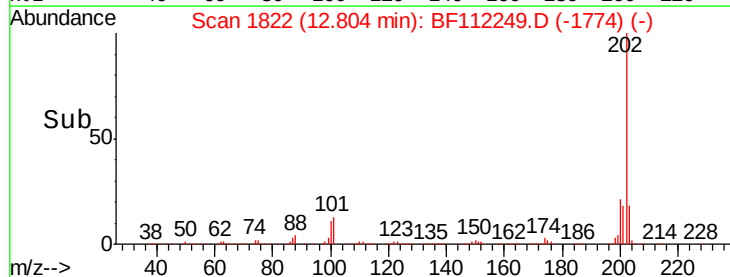
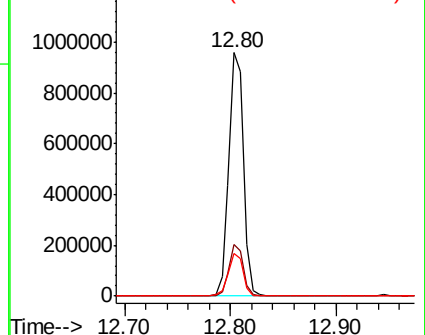
203 17.8 14.6 22.0

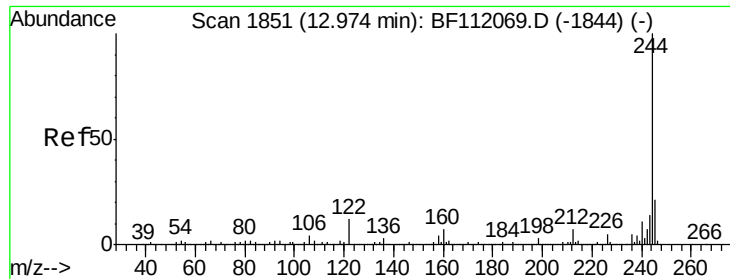


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.108 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

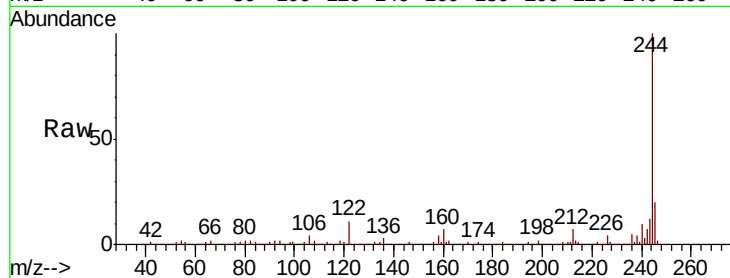
Tgt Ion:244 Resp: 1362078

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

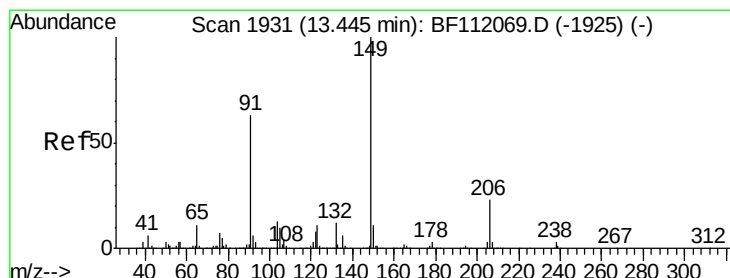
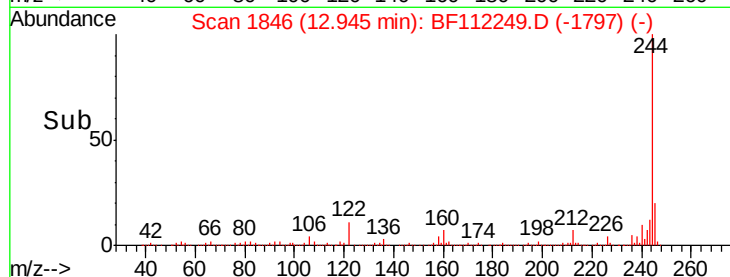
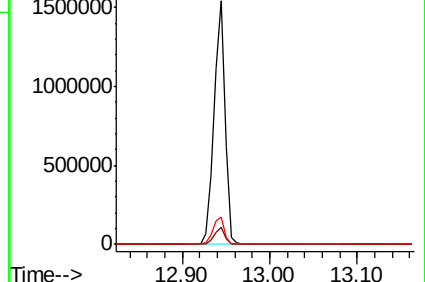
122 11.1 9.8 14.6



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: 47.592 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

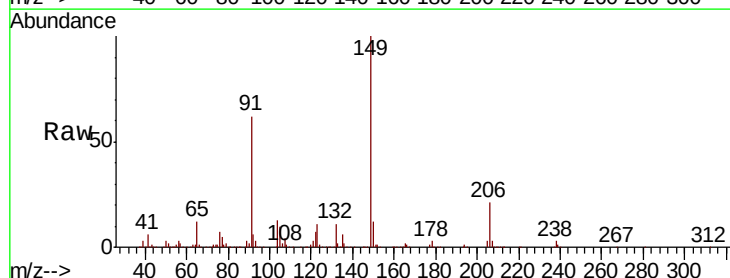
Tgt Ion:149 Resp: 425530

Ion Ratio Lower Upper

149 100

91 61.9 50.3 75.5

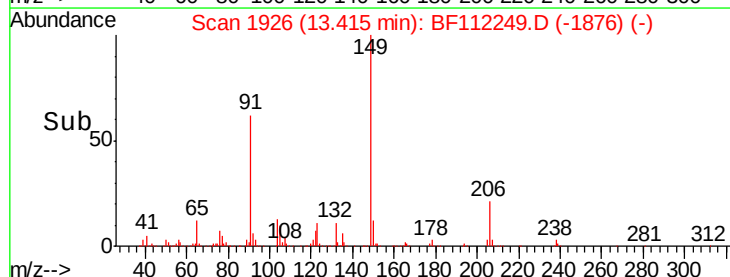
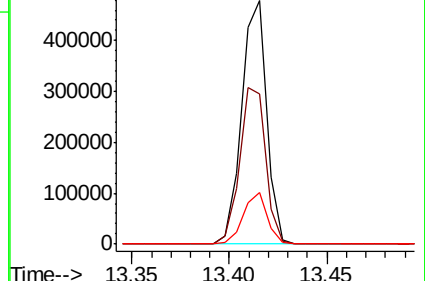
206 21.0 18.2 27.4

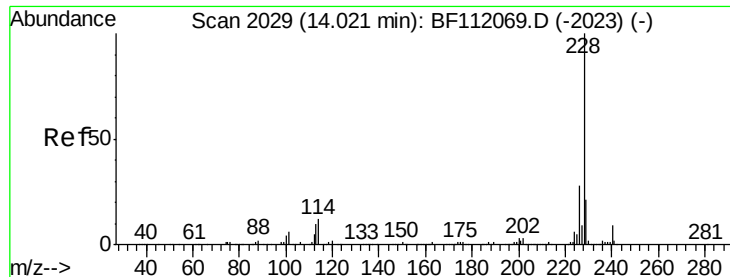


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.413 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

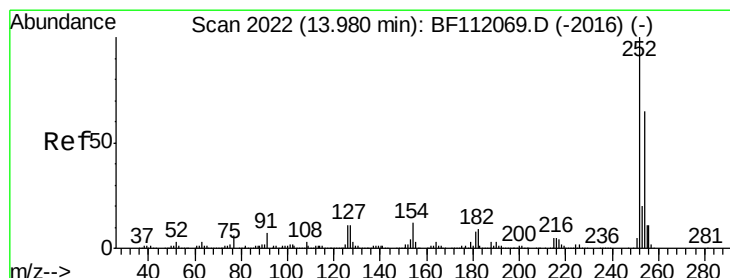
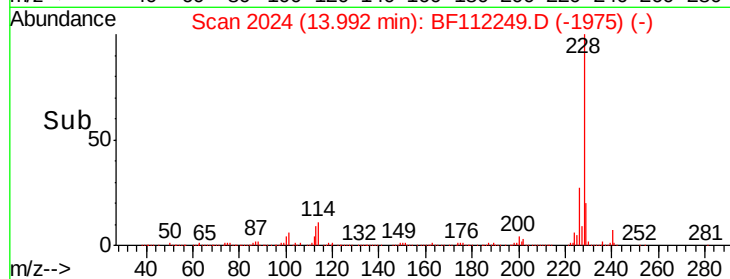
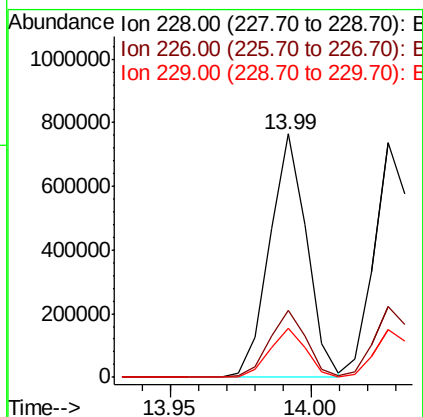
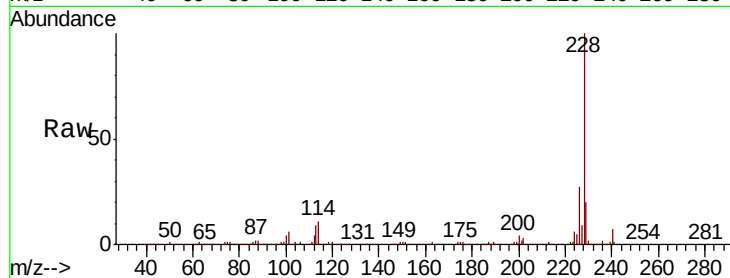
Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

Tgt Ion:	228	Resp:	696909
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.6	34.0
229	19.9	16.5	24.7



#82

3,3'-Dichlorobenzidine

Concen: 11.219 ng

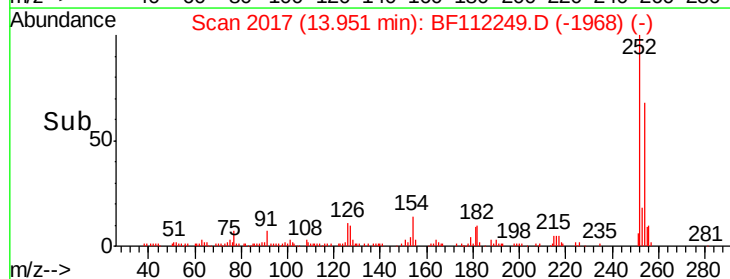
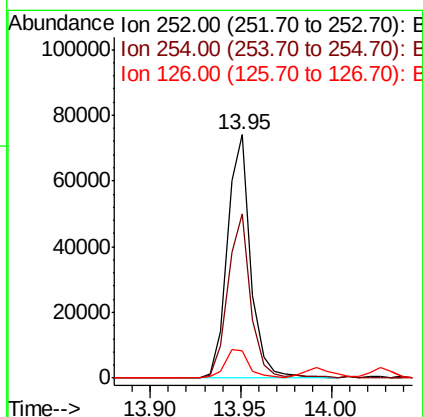
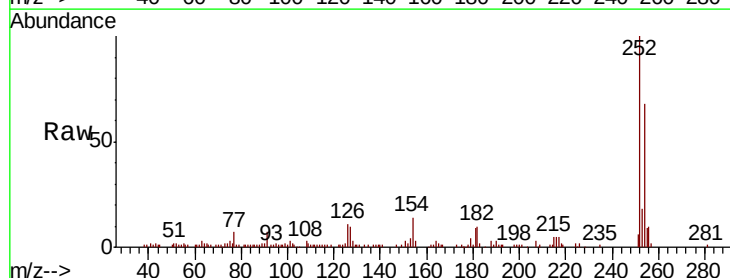
RT: 13.95 min Scan# 2017

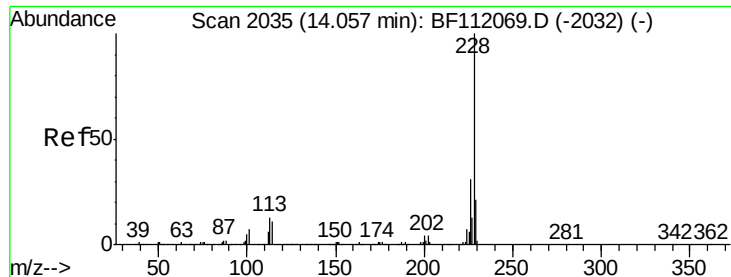
Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Tgt Ion:	252	Resp:	65883
Ion	Ratio	Lower	Upper
252	100		
254	67.7	51.6	77.4
126	11.0	8.6	12.8

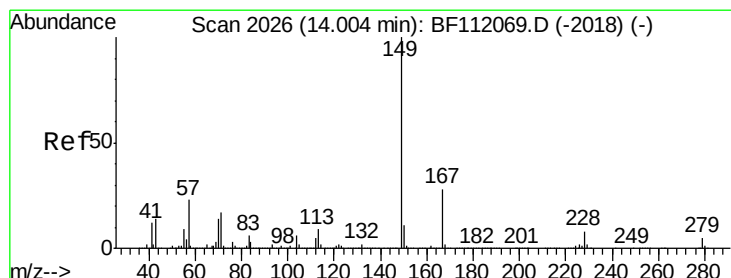
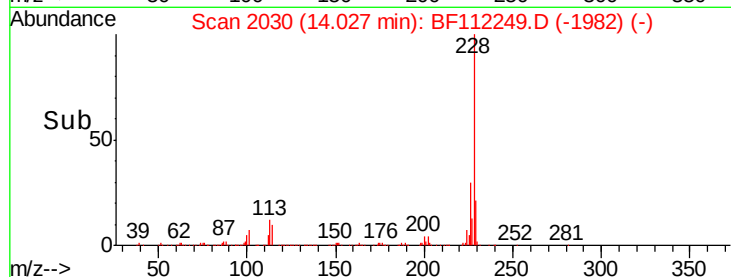
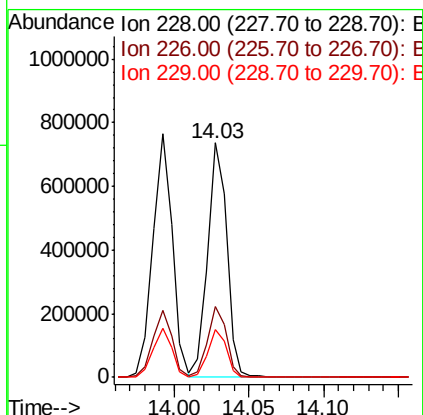
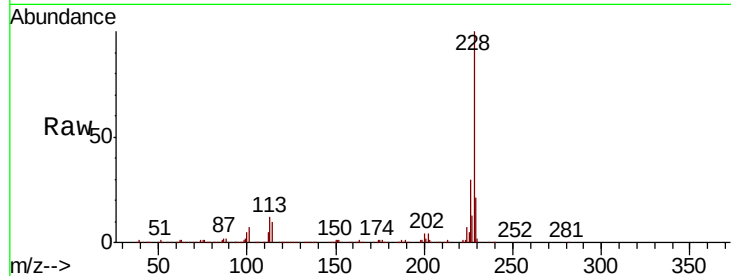




#83
Chrysene
Concen: 43.572 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

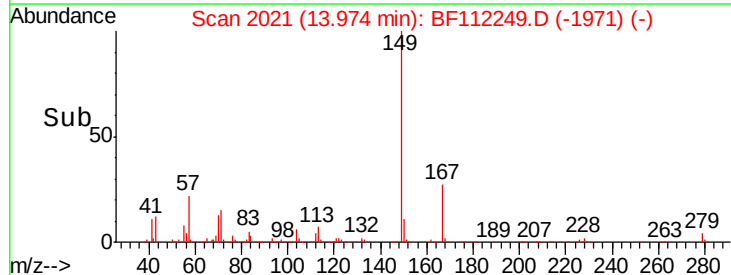
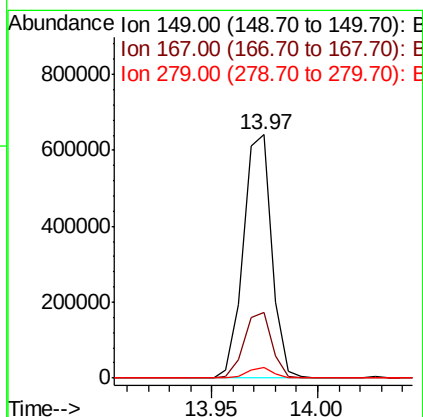
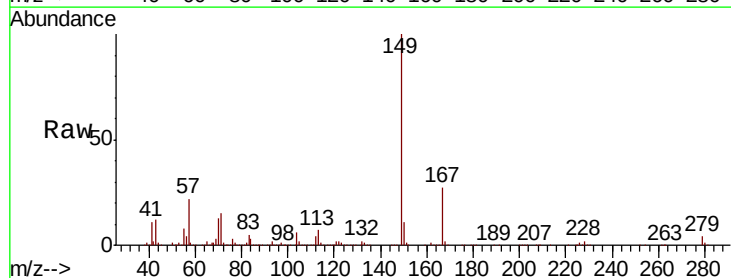
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

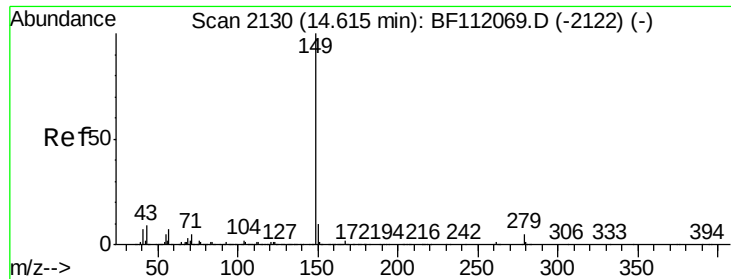
Tgt Ion: 228 Resp: 652638
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.6
229 20.6 16.6 24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.042 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion: 149 Resp: 597057
Ion Ratio Lower Upper
149 100
167 27.2 22.5 33.7
279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 46.071 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

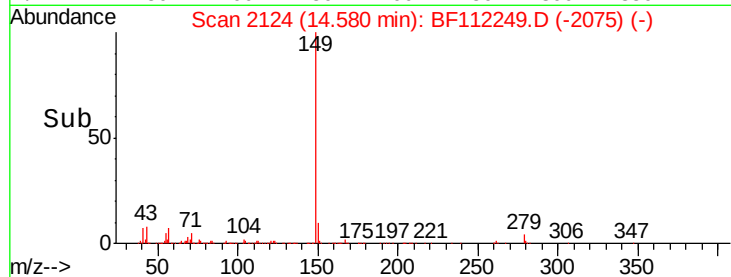
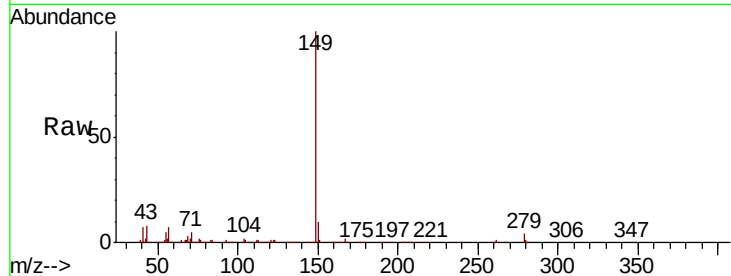
Tgt Ion:149 Resp: 899643

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

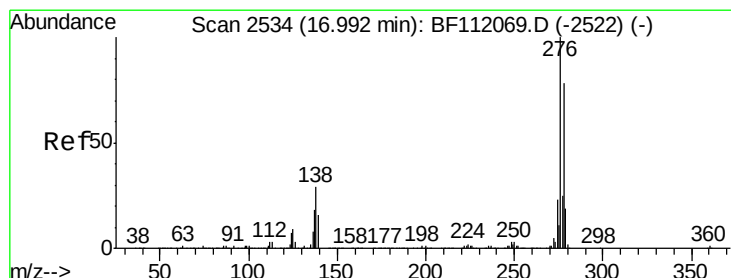
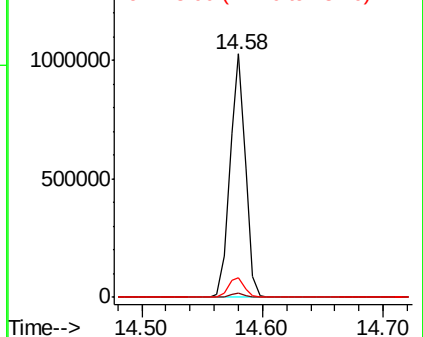
43 8.5 7.8 11.6



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: 51.333 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.03 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

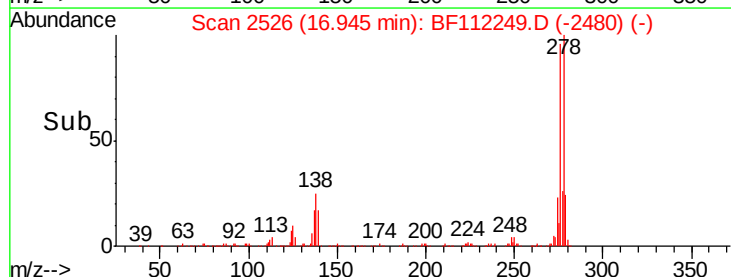
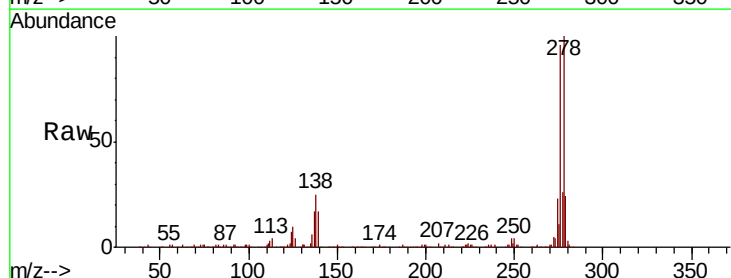
Tgt Ion:276 Resp: 609245

Ion Ratio Lower Upper

276 100

138 25.8 22.6 34.0

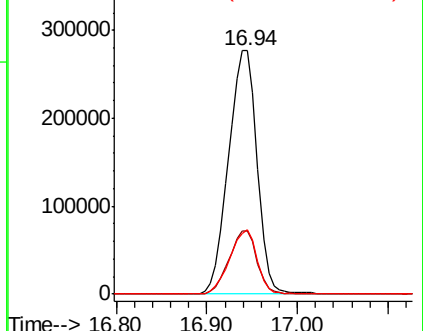
277 25.3 20.3 30.5

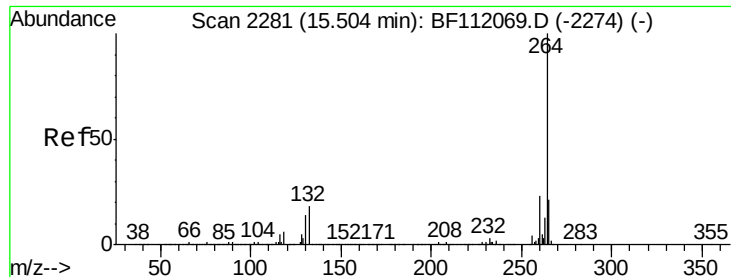


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

Instrument :

BNA_F

ClientSampleId :

BU-02-012319MS

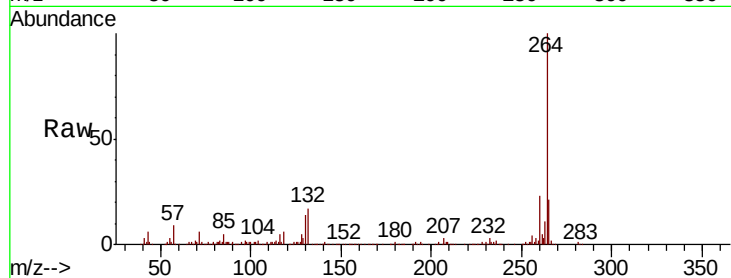
Tgt Ion:264 Resp: 237220

Ion Ratio Lower Upper

264 100

260 23.0 18.2 27.2

265 20.9 17.0 25.4

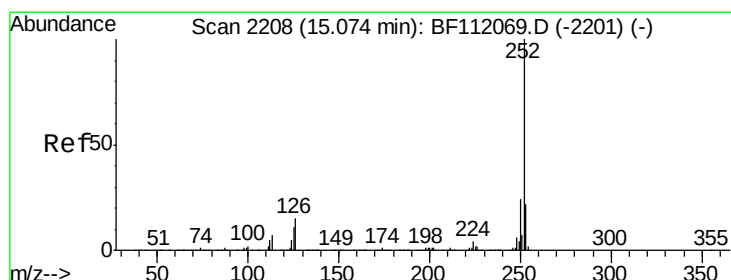
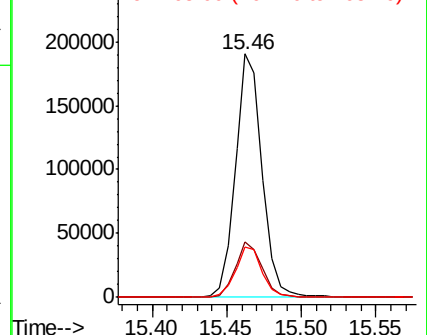
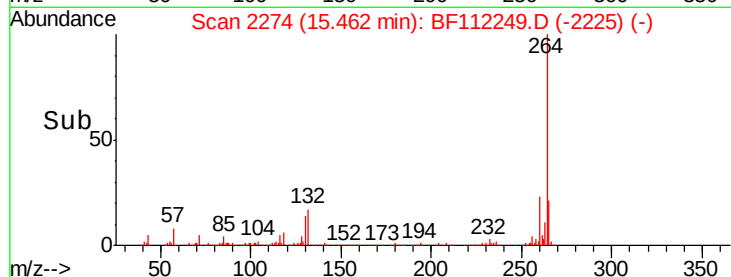


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.255 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF112249.D

Acq: 25 Jan 2019 23:13

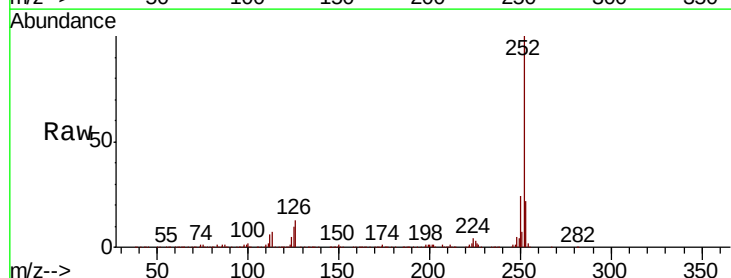
Tgt Ion:252 Resp: 585275

Ion Ratio Lower Upper

252 100

253 22.2 18.0 27.0

125 10.4 8.7 13.1

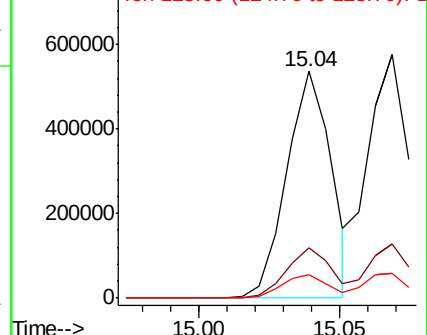
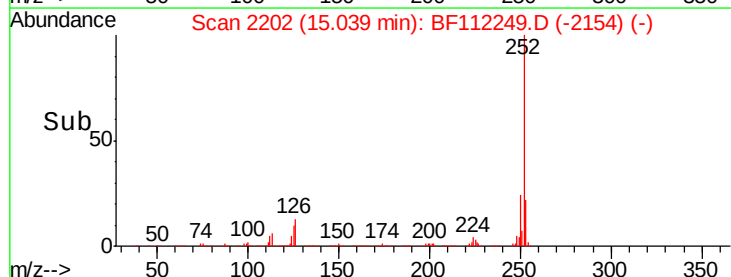


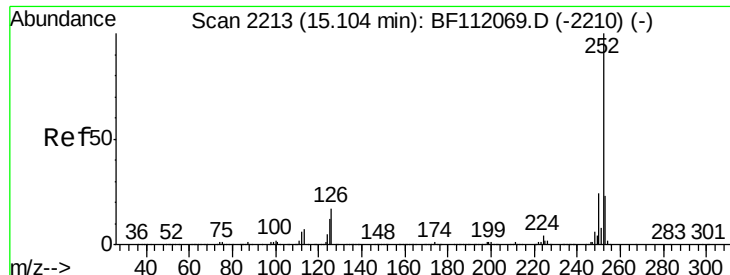
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

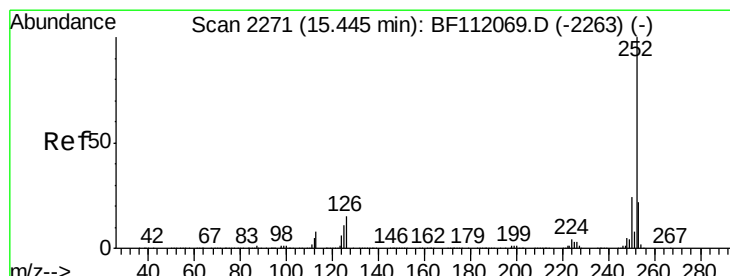
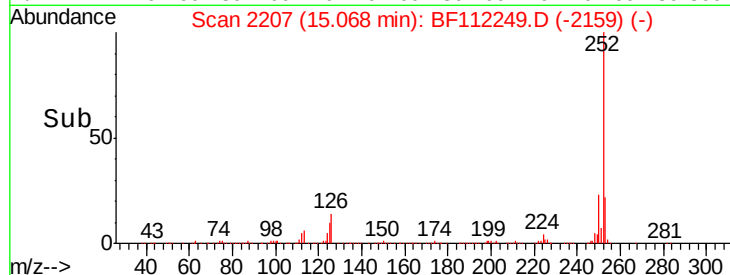
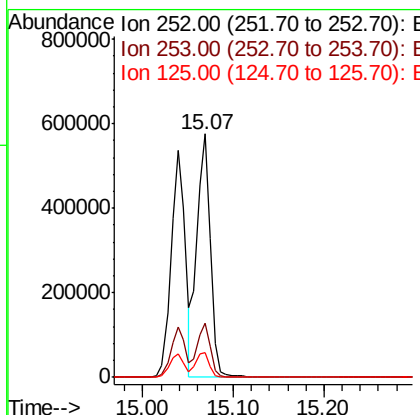
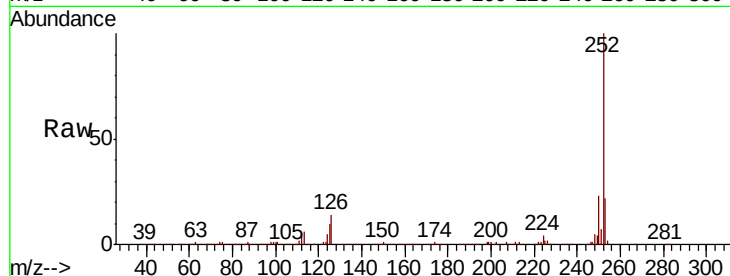




#89
Benzo(k)fluoranthene
Concen: 43.691 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

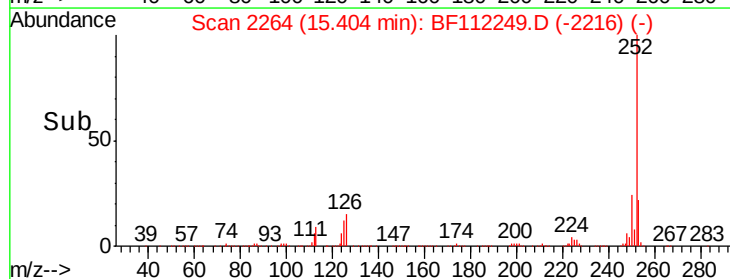
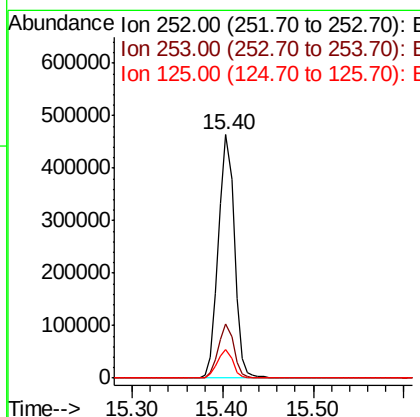
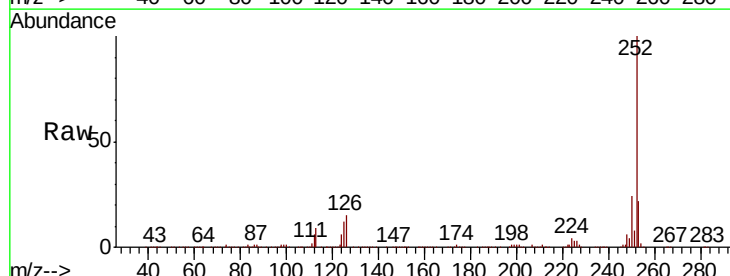
Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

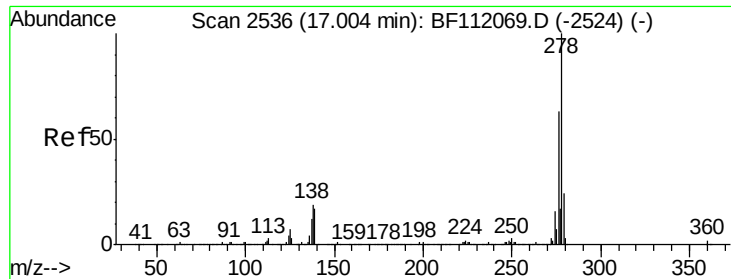
Tgt Ion:	252	Resp:	593712
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	10.1	9.1	13.7



#90
Benzo(a)pyrene
Concen: 44.512 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.02 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion:	252	Resp:	568199
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	11.7	9.0	13.4

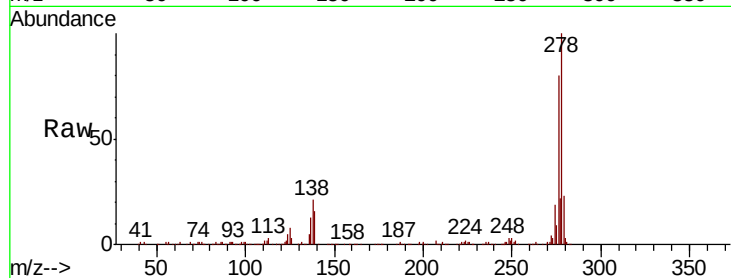




#91
Dibenzo(a,h)anthracene
Concen: 49.074 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.03 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Instrument :
BNA_F
ClientSampleId :
BU-02-012319MS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.5	13.7	20.5
279	23.4	19.0	28.6

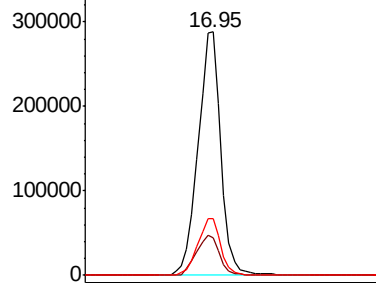


Abundance

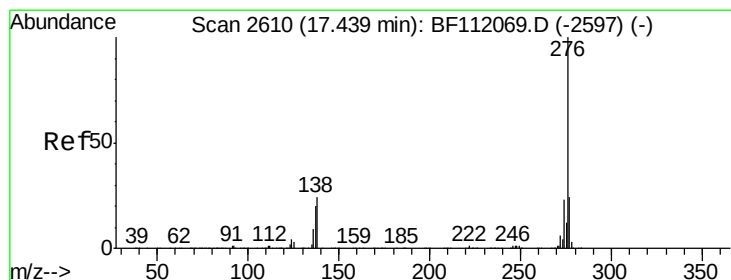
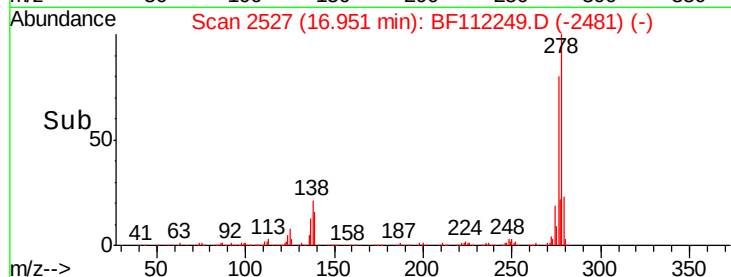
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

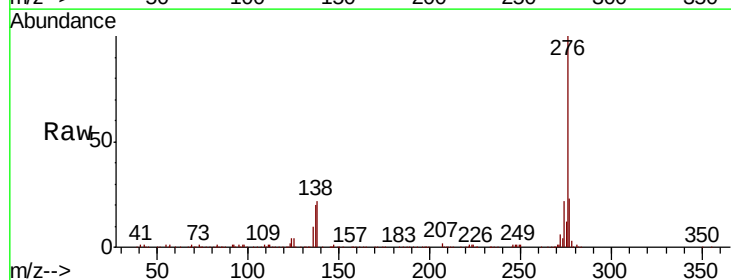


Time-->



#92
Benzo(g,h,i)perylene
Concen: 49.940 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.04 min
Lab File: BF112249.D
Acq: 25 Jan 2019 23:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.0
138	22.4	19.1	28.7

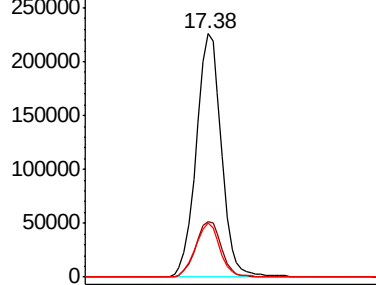


Abundance

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



Time-->

