

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113927.D
 Acq On : 23 Apr 2019 18:19
 Operator : JU/SJ
 Sample : K2522-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

Quant Time: Apr 25 08:08:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	128591	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	446315	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	198663	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	345096	20.00	ng	0.00
76) Chrysene-d12	14.06	240	361349	20.00	ng	-0.01
87) Perylene-d12	15.56	264	327529	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	906618	120.59	ng	0.01
7) Phenol-d6	6.53	99	1129741	119.77	ng	0.00
23) Nitrobenzene-d5	7.46	82	676759	93.62	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	282062	116.55	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1147912	90.37	ng	0.00
79) Terphenyl-d14	13.00	244	1197783	67.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	2757	0.778	ng	# 86
3) Pyridine	3.60	79	3485	0.360	ng	# 71
4) n-Nitrosodimethylamine	3.43	42	1269	0.383	ng	# 51
6) Aniline	6.56	93	2404	0.186	ng	# 85
8) 2-Chlorophenol	6.69	128	3941	0.459	ng	# 96
10) Phenol	6.54	94	5759	0.511	ng	# 80
11) bis(2-Chloroethyl)ether	6.63	93	3486	0.411	ng	# 95
12) 1,3-Dichlorobenzene	6.84	146	4224	0.434	ng	# 98
13) 1,4-Dichlorobenzene	6.92	146	4419	0.452	ng	# 97
14) 1,2-Dichlorobenzene	7.07	146	4060	0.452	ng	# 94
15) Benzyl Alcohol	7.06	79	12499	1.967	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.17	45	4300	0.434	ng	# 85
17) 2-Methylphenol	7.14	107	3358	0.446	ng	# 90
18) Hexachloroethane	7.42	117	812	0.237	ng	# 93
20) 3+4-Methylphenols	7.30	107	3789	0.446	ng	# 42
22) Acetophenone	7.30	105	5288	0.532	ng	# 93
24) Nitrobenzene	7.47	77	5575	0.698	ng	# 96
26) 2-Nitrophenol	7.79	139	992	0.272	ng	# 86
27) 2,4-Dimethylphenol	7.83	122	3007	0.507	ng	# 93
28) bis(2-Chloroethoxy)methane	7.92	93	4204	0.446	ng	# 94
29) 2,4-Dichlorophenol	8.03	162	2380	0.351	ng	# 95
30) 1,2,4-Trichlorobenzene	8.12	180	3367	0.445	ng	# 96
31) Naphthalene	8.20	128	13985	0.660	ng	# 99
32) Benzoic acid	7.88	122	575	0.143	ng	# 77
33) 4-Chloroaniline	8.25	127	1898	0.212	ng	# 97
34) Hexachlorobutadiene	8.32	225	2103	0.446	ng	# 95
35) Caprolactam	8.56	113	455	0.211	ng	# 93
36) 4-Chloro-3-methylphenol	8.72	107	2462	0.366	ng	# 91
37) 2-Methylnaphthalene	8.89	142	7761	0.543	ng	# 95
38) 1-Methylnaphthalene	8.99	142	6849	0.496	ng	# 92
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	3330	0.516	ng	# 96
43) 2,4,6-Trichlorophenol	9.17	196	1582	0.386	ng	# 87
44) 2,4,5-Trichlorophenol	9.22	196	1671	0.364	ng	# 87
46) 1,1'-Biphenyl	9.35	154	10595	0.698	ng	# 99

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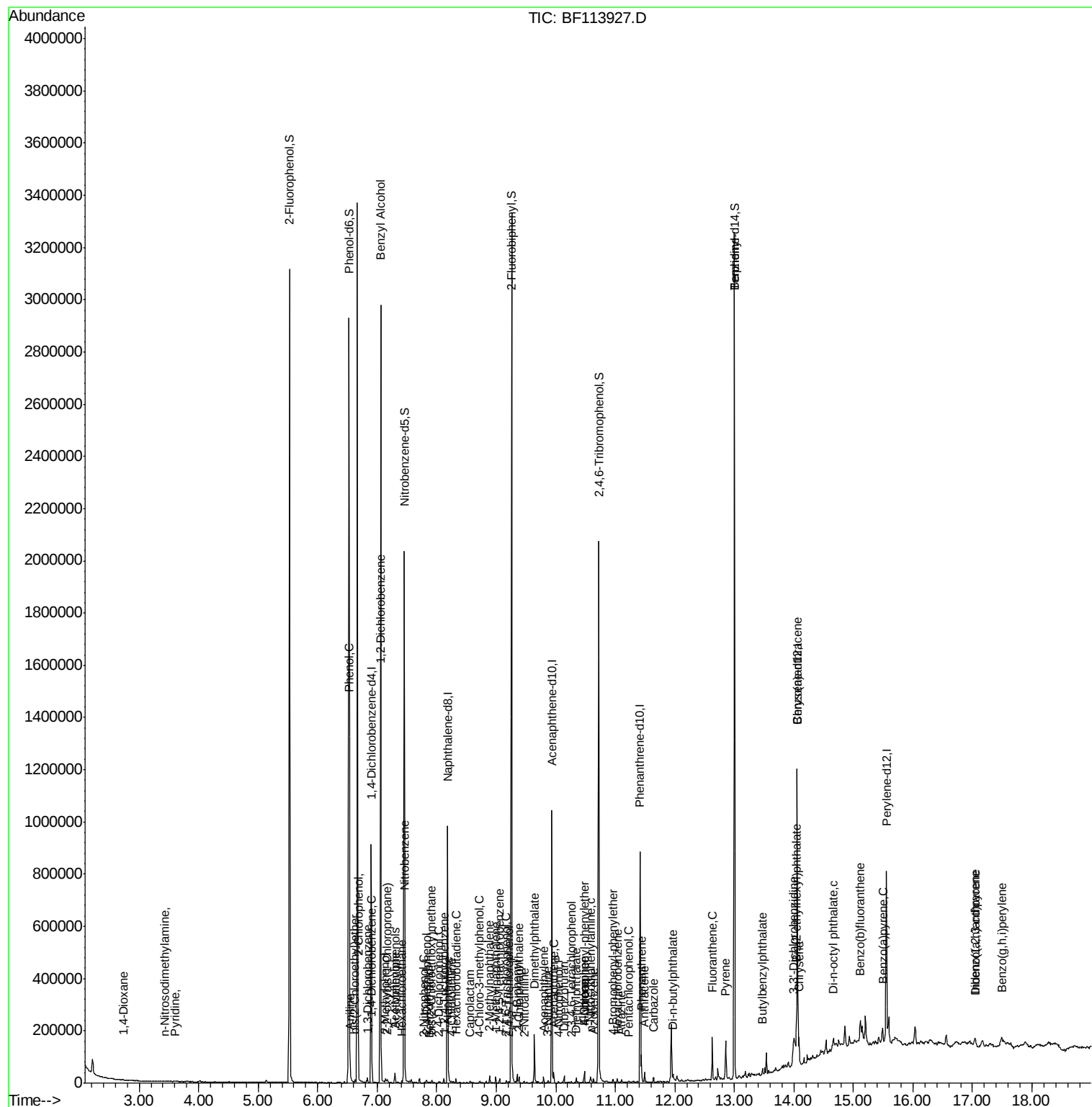
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.38	162	6037	0.489	nq	95
48) 2-Nitroaniline	9.47	65	1516	0.469	nq	92
49) Acenaphthylene	9.79	152	9969	0.516	nq	96
50) Dimethylphthalate	9.64	163	82433	5.737	nq	100
52) Acenaphthene	9.96	154	8586	0.752	nq	90
53) 3-Nitroaniline	9.87	138	1014	0.313	nq #	89
55) Dibenzofuran	10.14	168	10498	0.614	nq	96
56) 4-Nitrophenol	10.05	139	1195	0.466	nq	80
58) Fluorene	10.48	166	9968	0.774	nq #	96
59) 2,3,4,6-Tetrachlorophenol	10.26	232	1205	0.298	nq #	75
60) Diethylphthalate	10.35	149	6868	0.503	nq	95
61) 4-Chlorophenyl-phenylether	10.47	204	3378	0.495	nq	96
62) 4-Nitroaniline	10.47	138	1258	0.398	nq	88
63) Azobenzene	10.63	77	5725	0.433	nq	88
66) n-Nitrosodiphenylamine	10.59	169	5692	0.550	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	1884	0.452	nq	89
68) Hexachlorobenzene	11.03	284	1832	0.400	nq #	89
69) Atrazine	11.10	200	1666	0.495	nq	99
70) Pentachlorophenol	11.23	266	1097	0.423	nq #	86
71) Phenanthrene	11.44	178	36375	2.097	nq	98
72) Anthracene	11.49	178	16815	0.960	nq	96
73) Carbazole	11.64	167	9801	0.627	nq	97
74) Di-n-butylphthalate	11.97	149	11340	0.617	nq	98
75) Fluoranthene	12.63	202	62150	3.285	nq	97
77) Benzidine	13.00	184	13362	1.241	nq	97
78) Pyrene	12.86	202	57440	2.273	nq	99
80) Butylbenzylphthalate	13.47	149	5929	0.596	nq	93
81) Benzo(a)anthracene	14.05	228	41062	1.929	nq	97
82) 3,3'-Dichlorobenzidine	14.00	252	3119	0.400	nq #	82
83) Chrysene	14.09	228	39850	1.922	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	8892	0.703	nq	97
85) Di-n-octyl phthalate	14.66	149	12645	0.639	nq #	1
86) Indeno(1,2,3-cd)pyrene	17.04	276	21576	1.099	nq	95
88) Benzo(b)fluoranthene	15.12	252	42549	2.053	nq #	91
90) Benzo(a)pyrene	15.49	252	32483	1.812	nq #	92
91) Dibenzo(a,h)anthracene	17.06	278	11782	0.700	nq #	82
92) Benzo(g,h,i)perylene	17.49	276	18481	1.088	nq	95

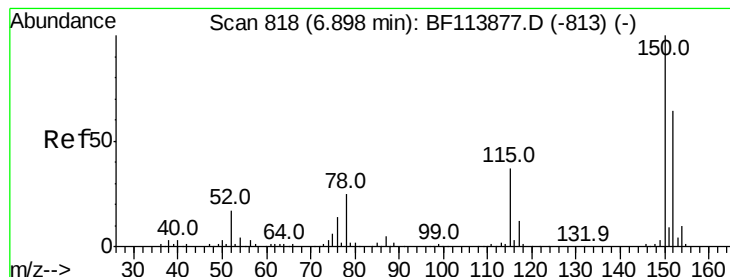
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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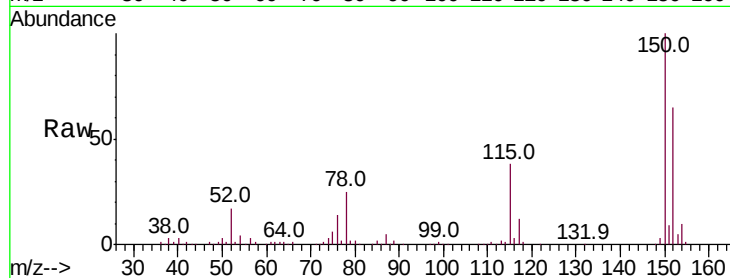


#1

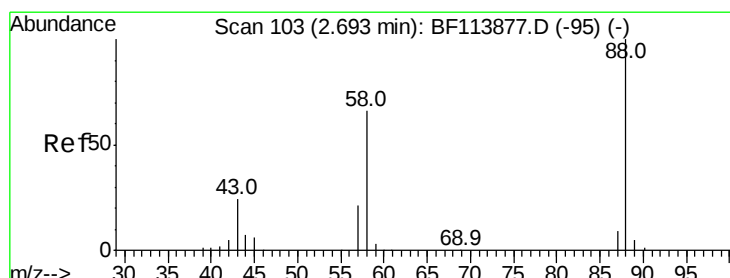
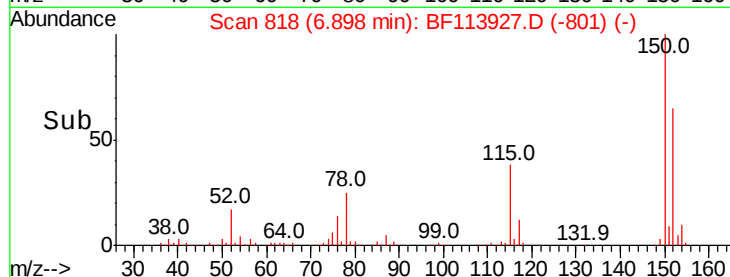
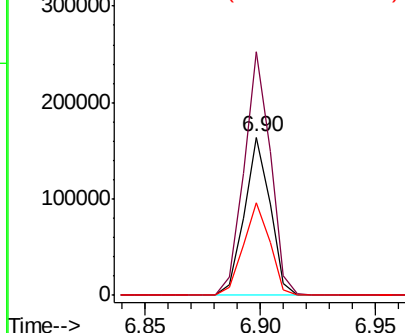
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion:152 Resp: 128591
Ion Ratio Lower Upper
152 100
150 154.2 125.9 188.9
115 58.5 45.9 68.9



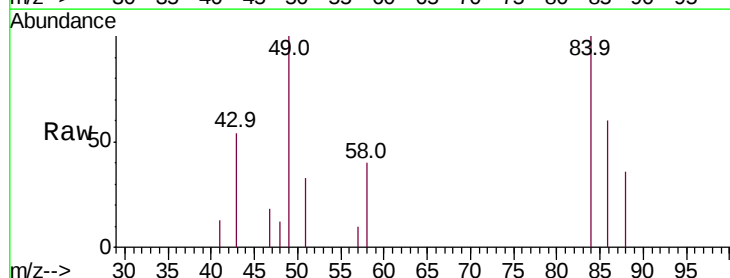
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



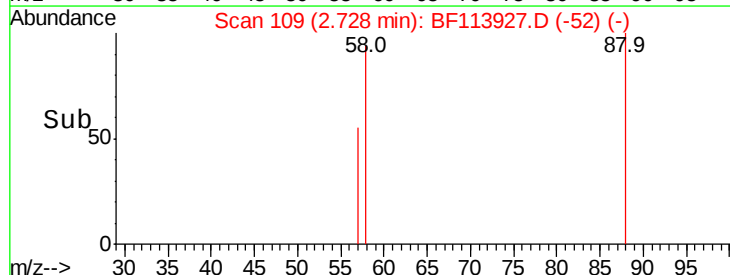
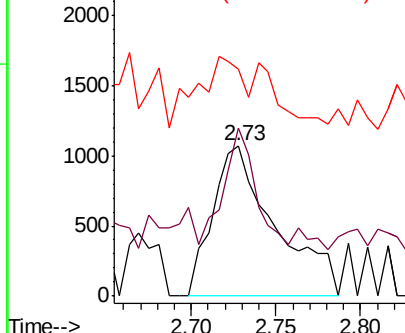
#2

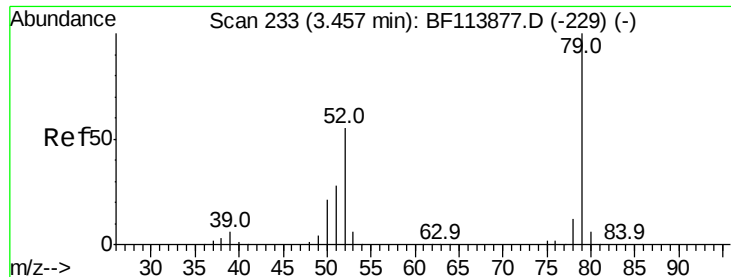
1,4-Dioxane
Concen: 0.778 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.04 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion: 88 Resp: 2757
Ion Ratio Lower Upper
88 100
58 57.7 53.3 79.9
43 34.7 19.0 28.4#



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

Pvridine

Concen: 0.360 ng

RT: 3.60 min Scan# 257

Delta R.T. 0.14 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

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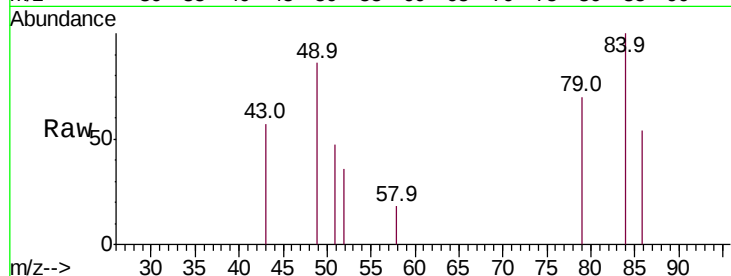
Tot Ion: 79 Resp: 3485

Ion Ratio Lower Upper

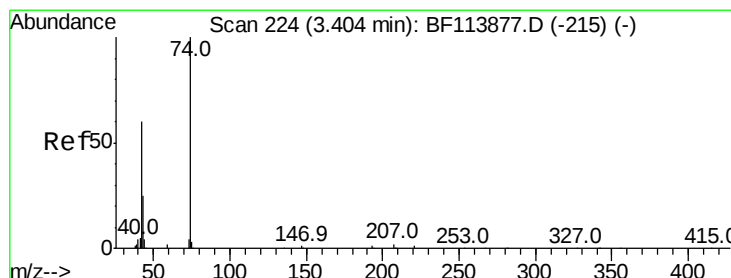
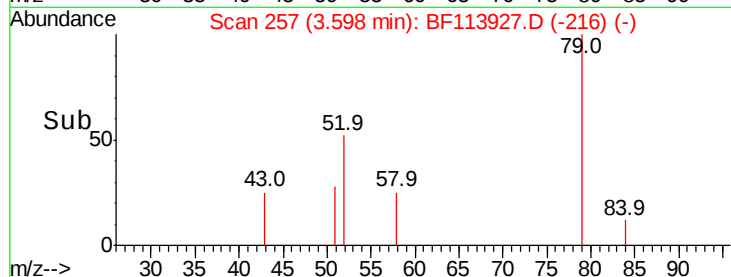
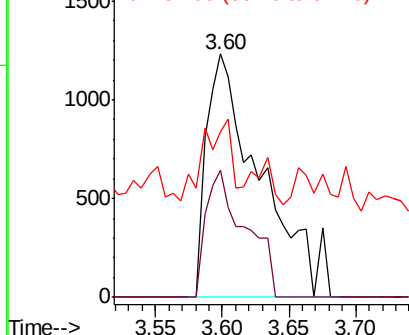
79 100

52 52.2 45.3 67.9

51 67.8 22.1 33.1#



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: 0.383 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.03 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

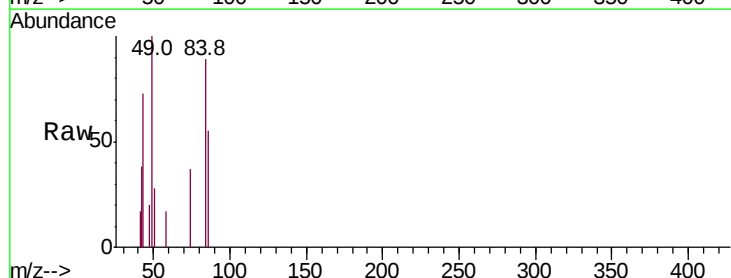
Tgt Ion: 42 Resp: 1269

Ion Ratio Lower Upper

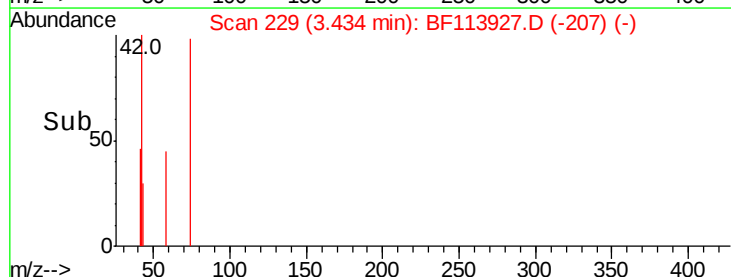
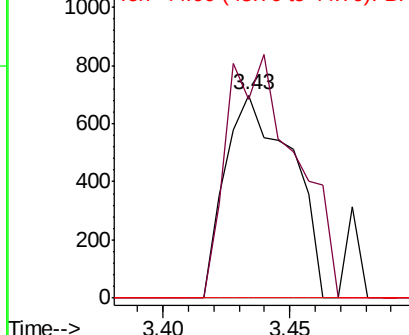
42 100

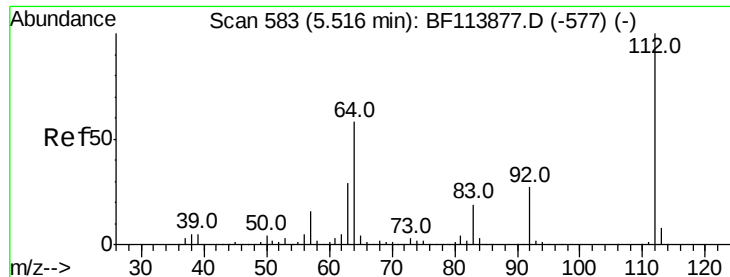
74 97.6 132.6 198.8#

44 0.0 5.8 8.8#



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: 120.587 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

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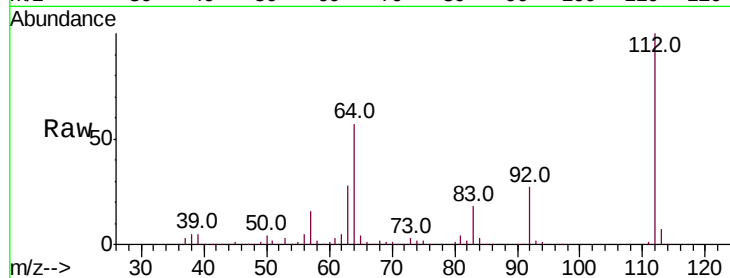
Tot Ion:112 Resp: 906618

Ion Ratio Lower Upper

112 100

64 56.7 46.6 69.8

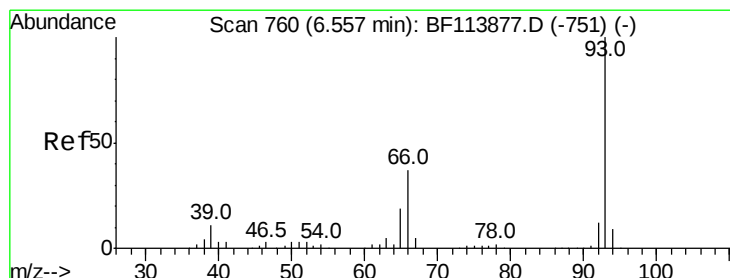
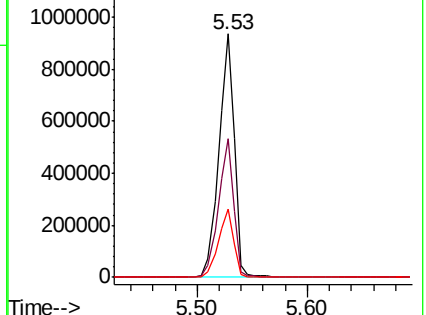
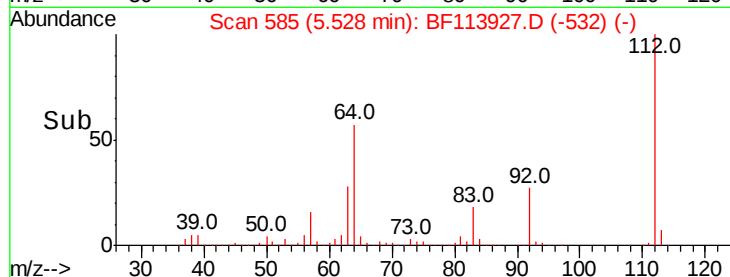
63 28.0 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.186 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

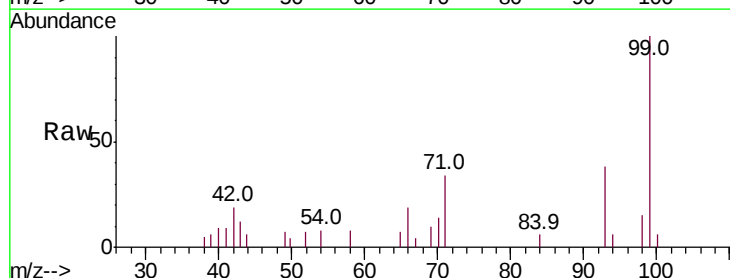
Tgt Ion: 93 Resp: 2404

Ion Ratio Lower Upper

93 100

66 50.7 29.8 44.6#

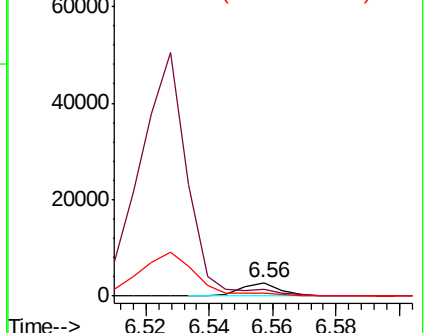
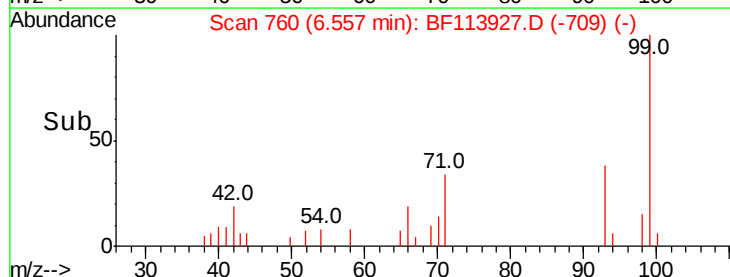
65 18.3 14.9 22.3

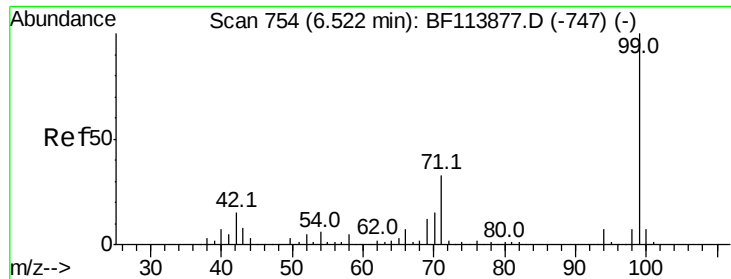


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.769 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

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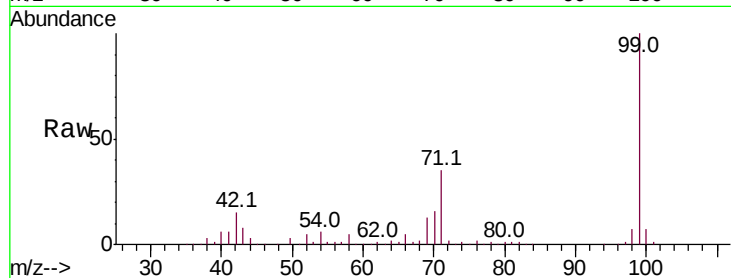
Tot Ion: 99 Resp: 1129741

Ion Ratio Lower Upper

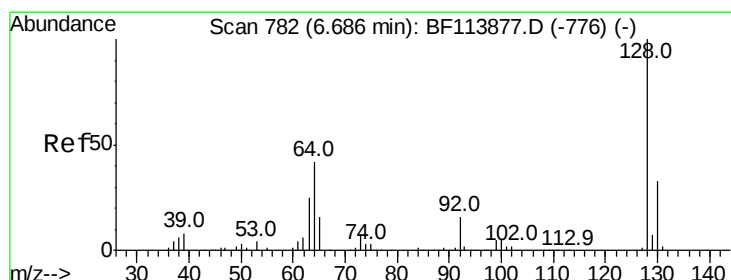
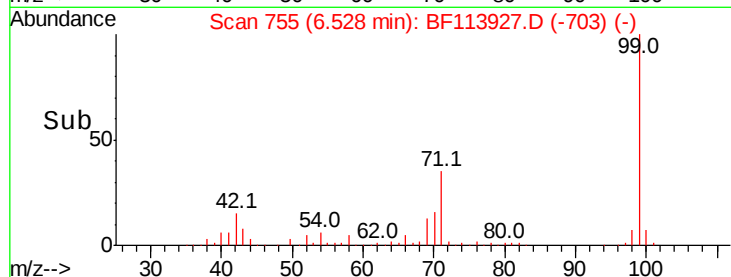
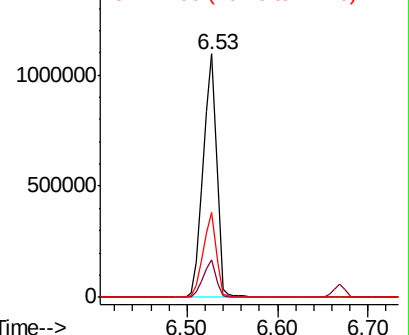
99 100

42 15.5 12.5 18.7

71 34.7 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: 0.459 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 18:19

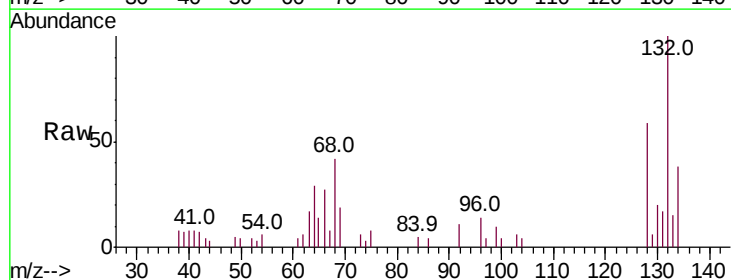
Tgt Ion:128 Resp: 3941

Ion Ratio Lower Upper

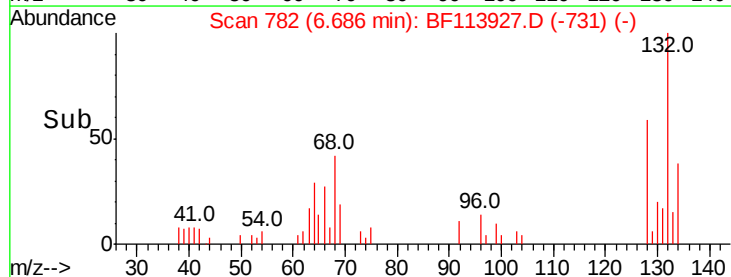
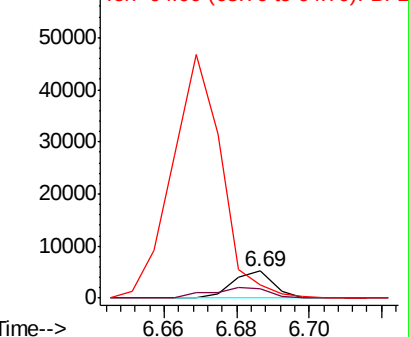
128 100

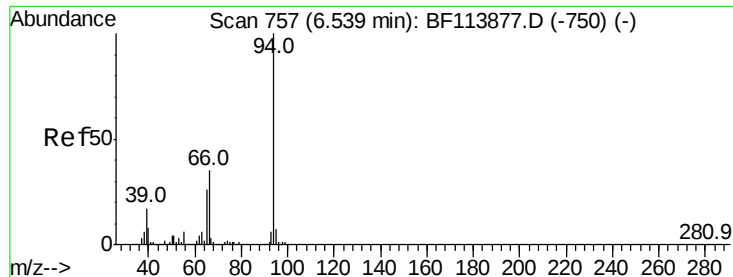
130 34.3 12.3 52.3

64 48.8 26.1 66.1



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





#10

Phenol

Concen: 0.511 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

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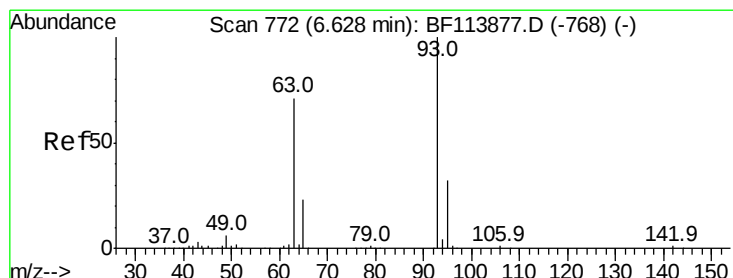
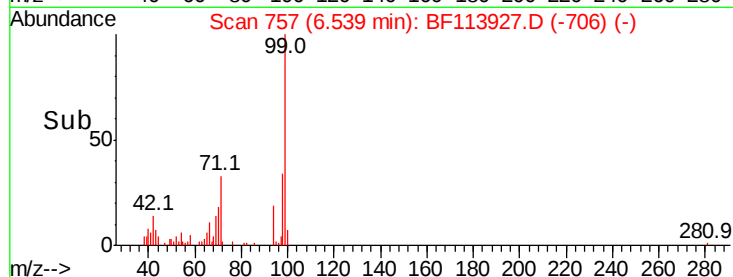
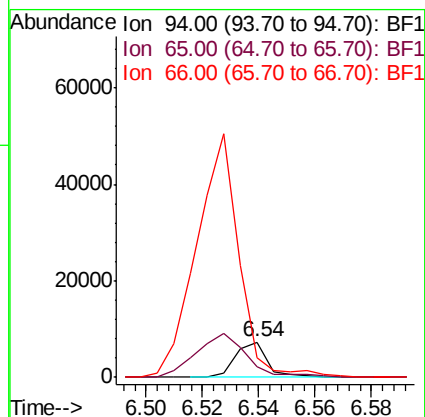
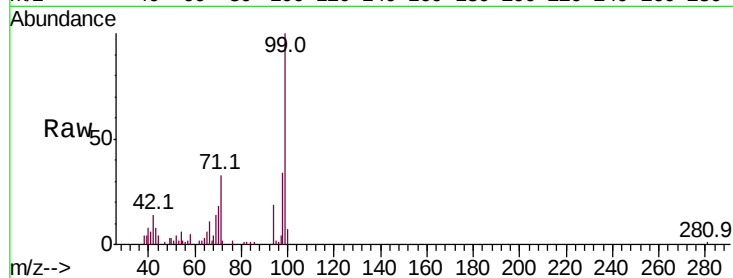
Tot Ion: 94 Resp: 5759

Ion Ratio Lower Upper

94 100

65 28.9 8.1 48.1

66 57.1 16.6 56.6#



#11

bis(2-Chloroethyl)ether

Concen: 0.411 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 18:19

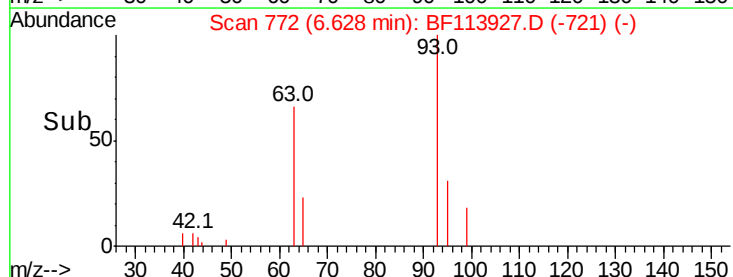
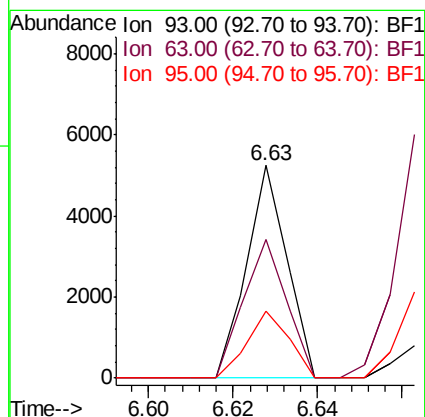
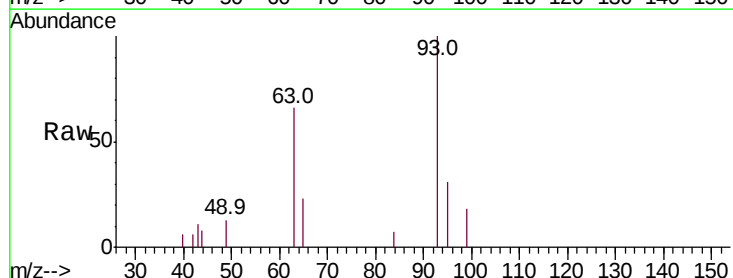
Tgt Ion: 93 Resp: 3486

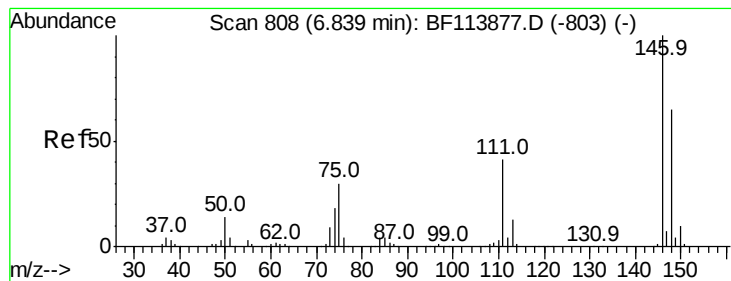
Ion Ratio Lower Upper

93 100

63 65.5 50.7 90.7

95 31.3 12.3 52.3





#12

1,3-Dichlorobenzene

Concen: 0.434 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

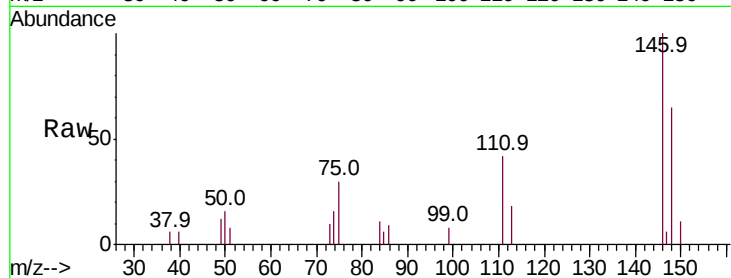
Tot Ion:146 Resp: 4224

Ion Ratio Lower Upper

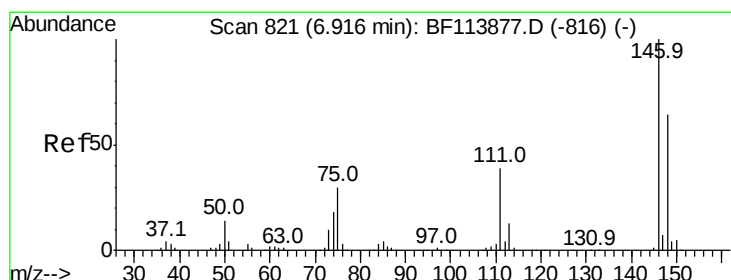
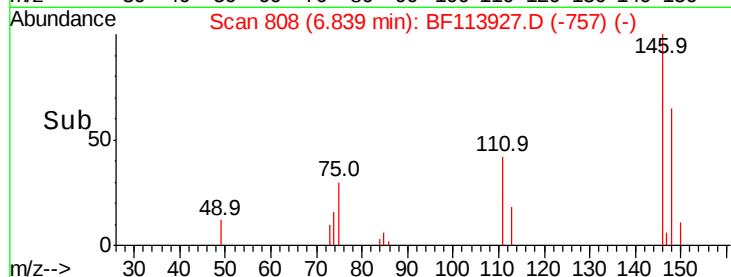
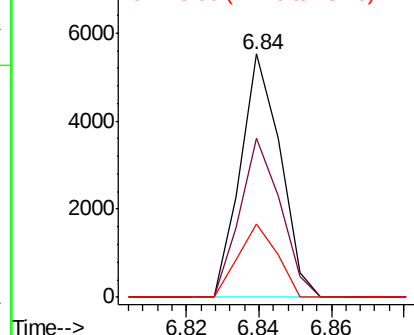
146 100

148 65.5 51.0 76.6

75 30.3 23.8 35.8



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: 0.452 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

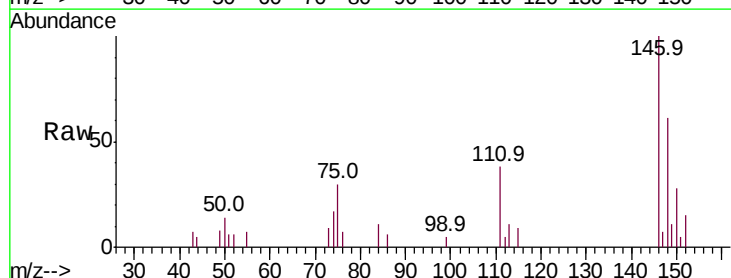
Tgt Ion:146 Resp: 4419

Ion Ratio Lower Upper

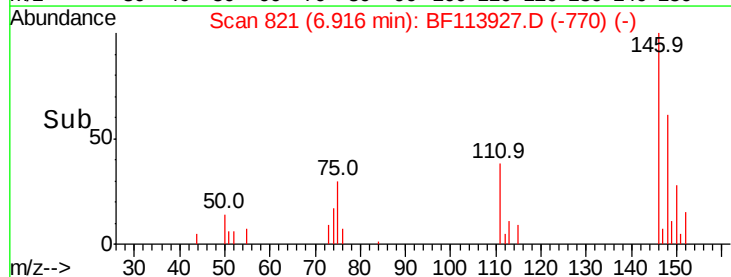
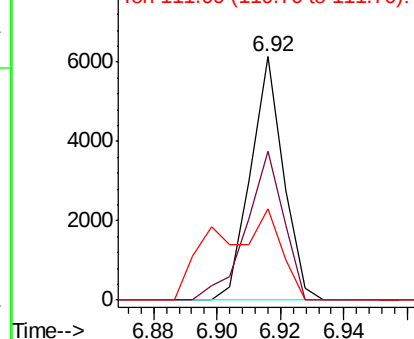
146 100

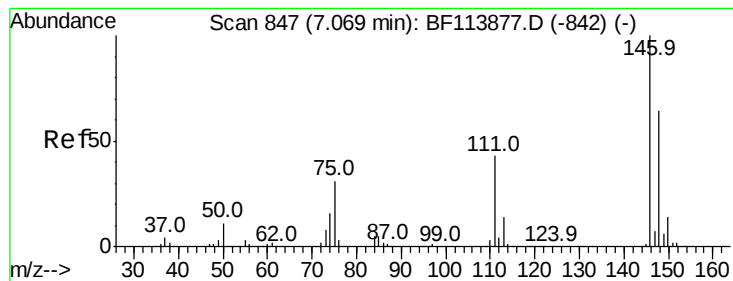
148 61.2 51.8 77.8

111 37.7 30.9 46.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 0.452 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

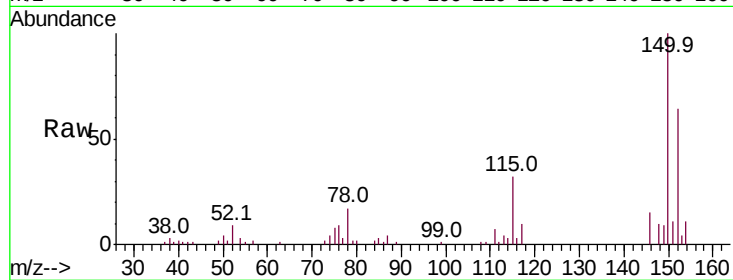
Tot Ion:146 Resp: 4060

Ion Ratio Lower Upper

146 100

148 62.1 52.1 78.1

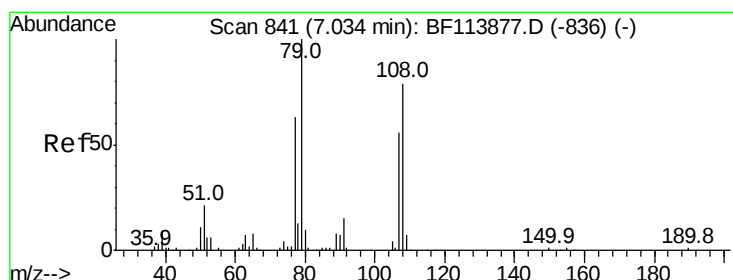
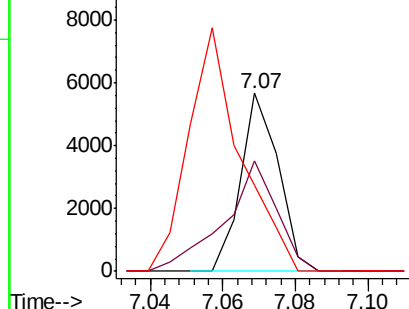
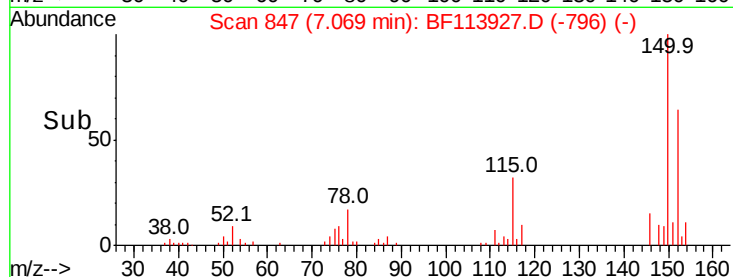
111 48.1 34.2 51.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 1.967 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.02 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

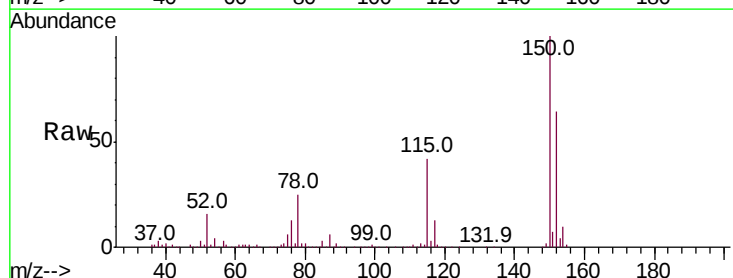
Tgt Ion: 79 Resp: 12499

Ion Ratio Lower Upper

79 100

108 29.1 61.4 92.0#

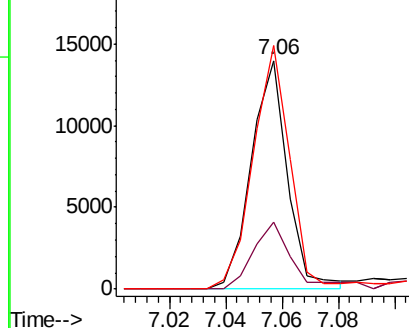
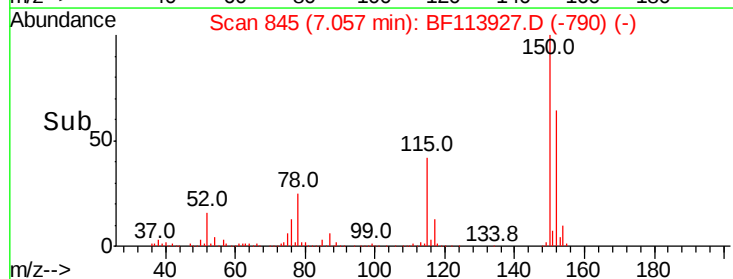
77 106.6 51.6 77.4#

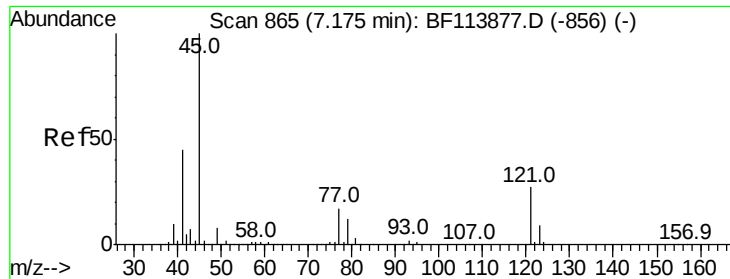


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

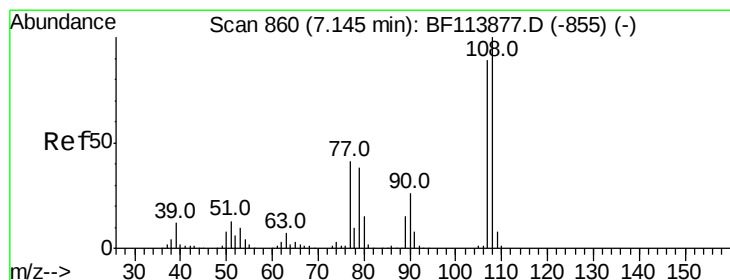
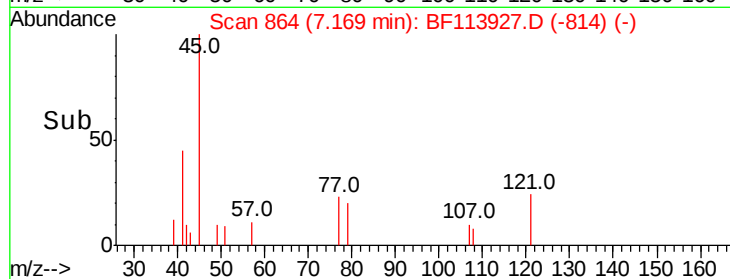
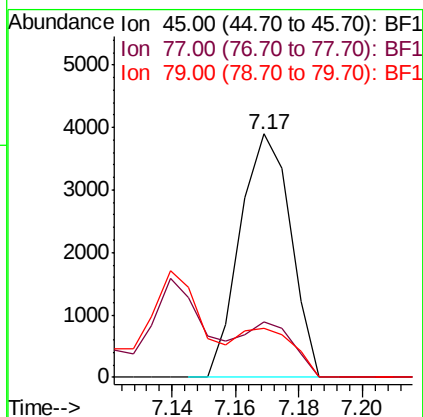
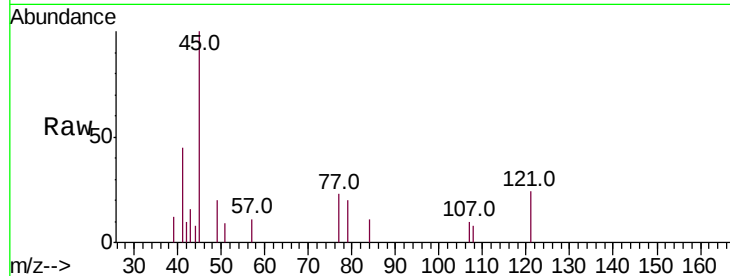




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.434 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

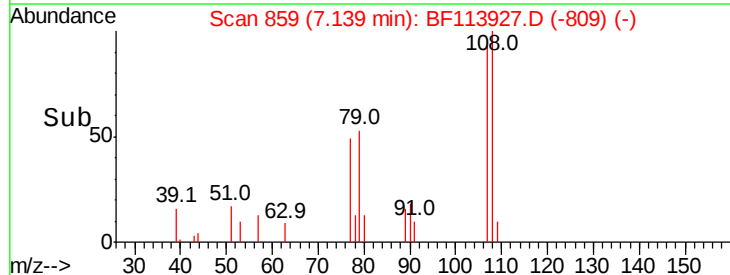
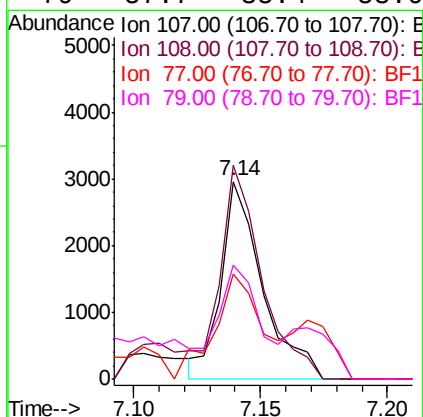
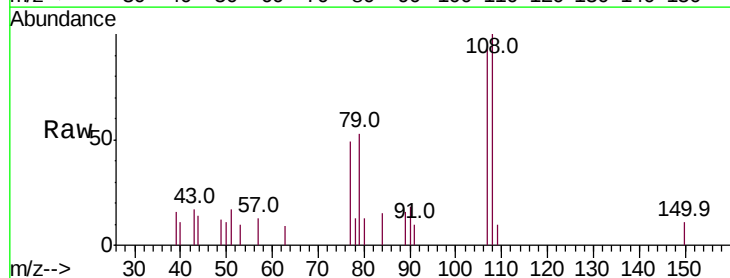
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

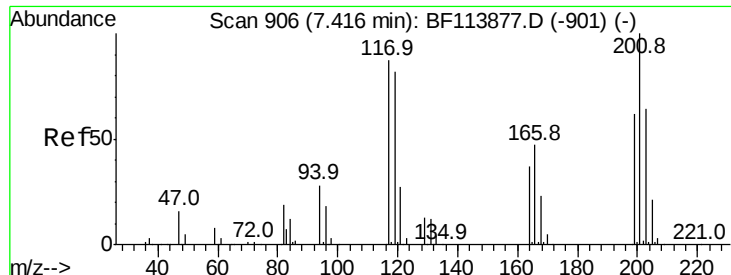
Tot Ion: 45 Resp: 4300
Ion Ratio Lower Upper
45 100
77 22.6 0.0 37.0
79 19.9 0.0 32.7



#17
2-Methylphenol
Concen: 0.446 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:107 Resp: 3358
Ion Ratio Lower Upper
107 100
108 108.1 91.5 137.3
77 53.2 36.2 54.4
79 57.7 35.4 53.0#

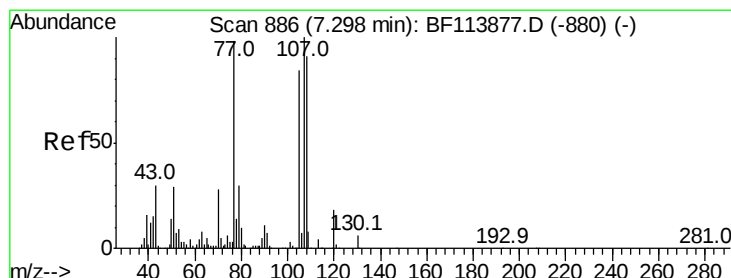
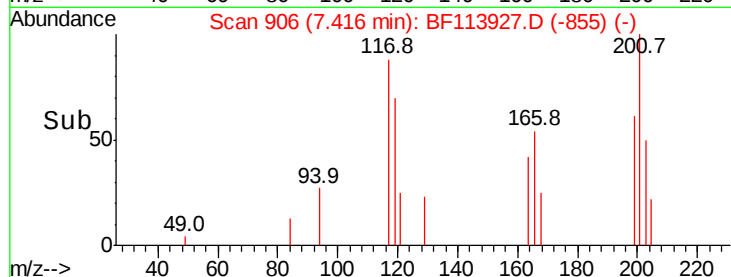
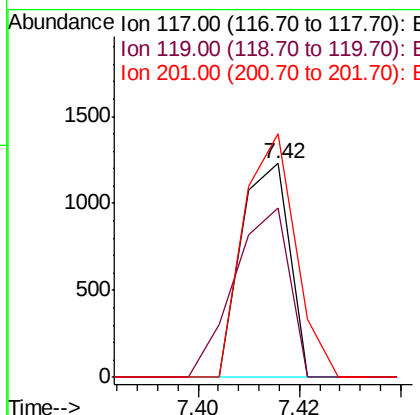
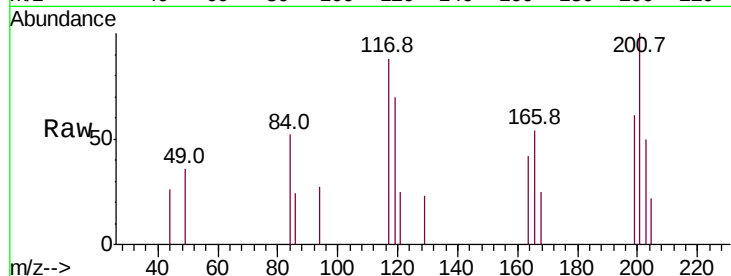




#18
Hexachloroethane
Concen: 0.237 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

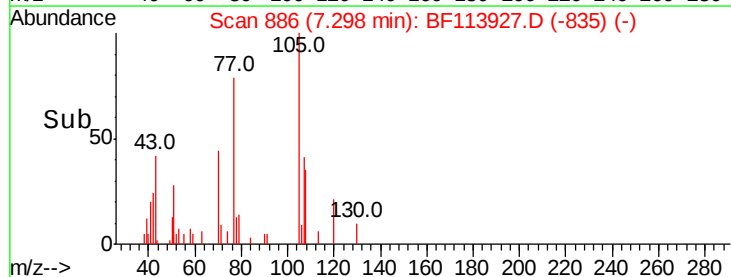
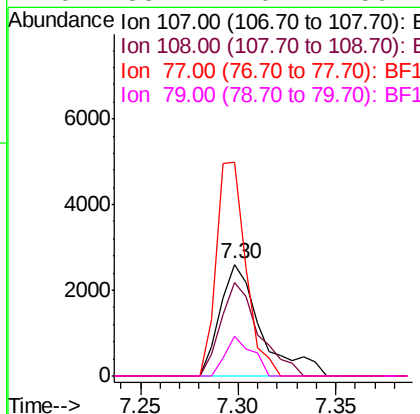
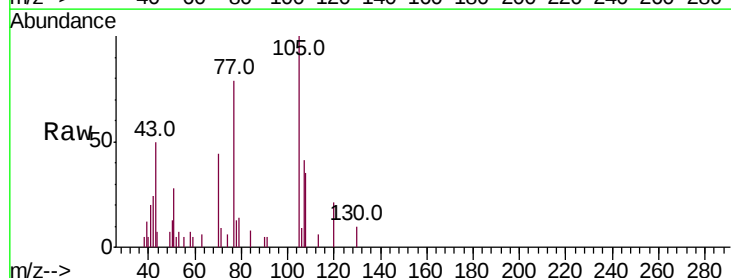
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

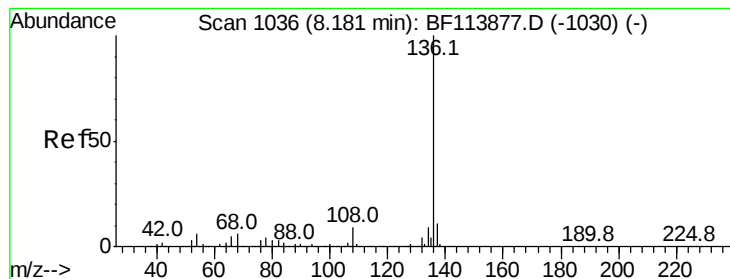
Tot Ion:117 Resp: 812
Ion Ratio Lower Upper
117 100
119 79.2 74.4 111.6
201 113.9 90.2 135.2



#20
3+4-Methylphenols
Concen: 0.446 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:107 Resp: 3789
Ion Ratio Lower Upper
107 100
108 84.0 70.1 110.1
77 191.3 52.9 92.9#
79 35.1 10.2 50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

Tot Ion:136 Resp: 446315

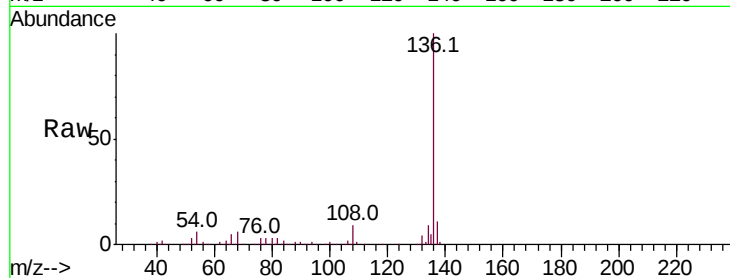
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 6.2 5.0 7.6

68 6.0 4.9 7.3

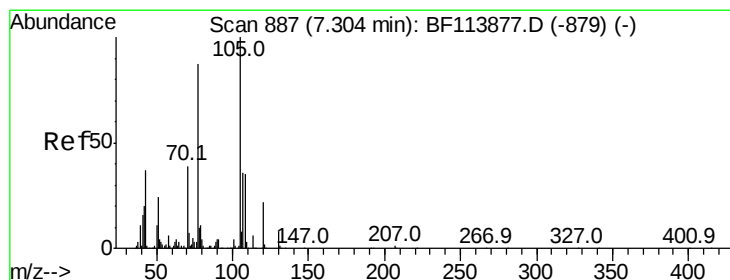
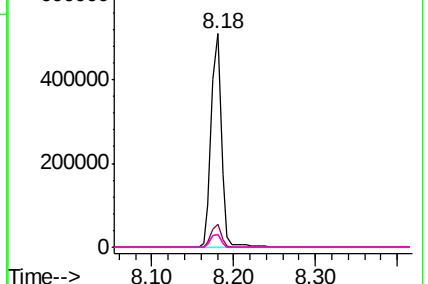
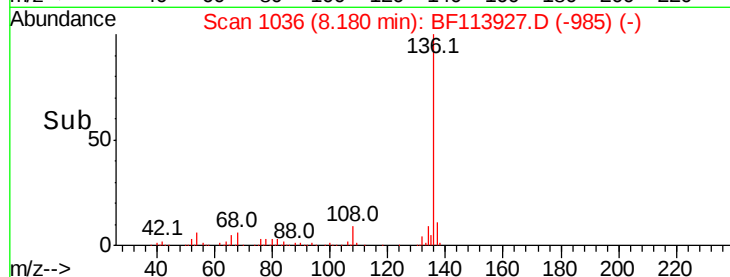


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 0.532 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Tgt Ion:105 Resp: 5288

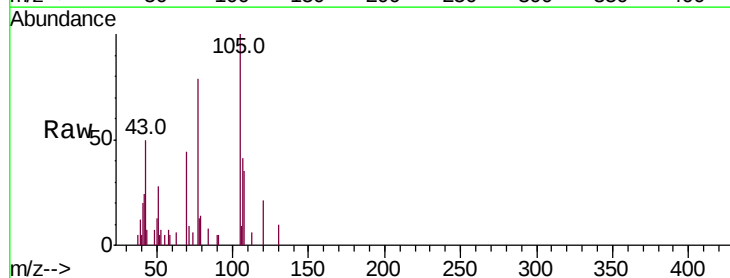
Ion Ratio Lower Upper

105 100

71 8.9 6.1 9.1

51 27.8 16.8 25.2#

120 21.3 17.6 26.4

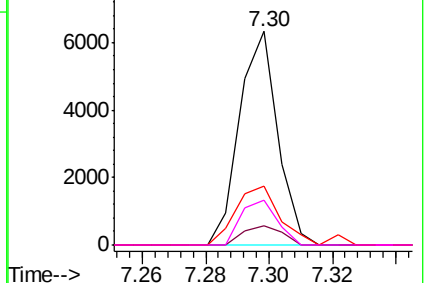
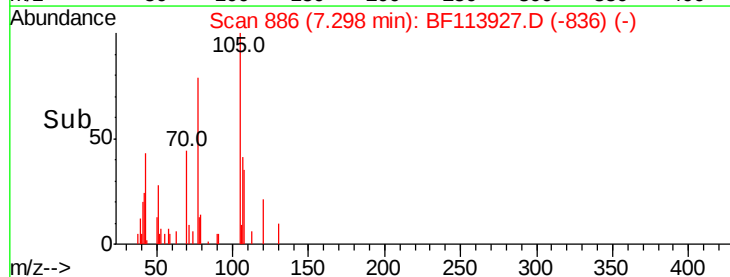


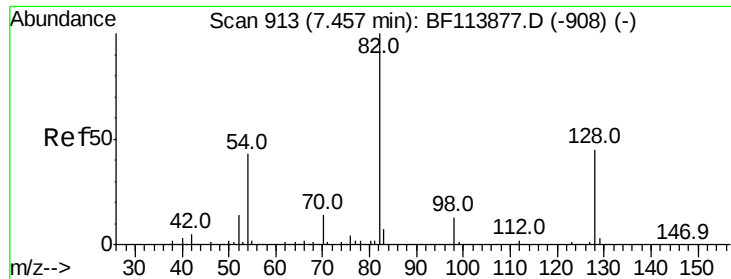
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

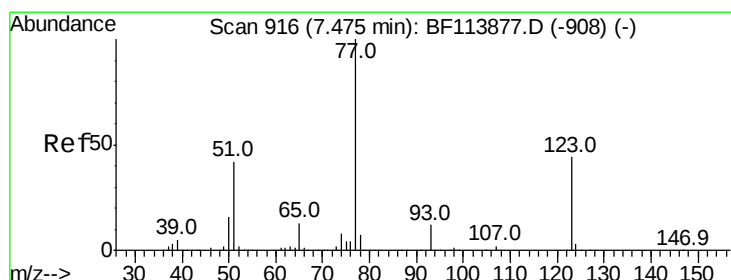
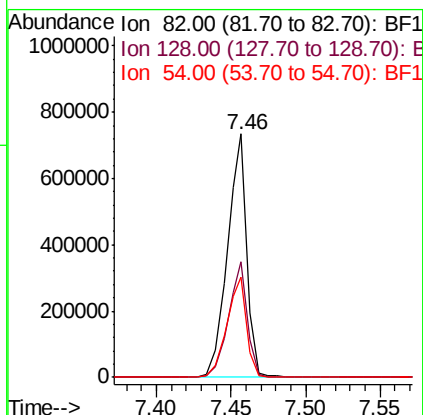
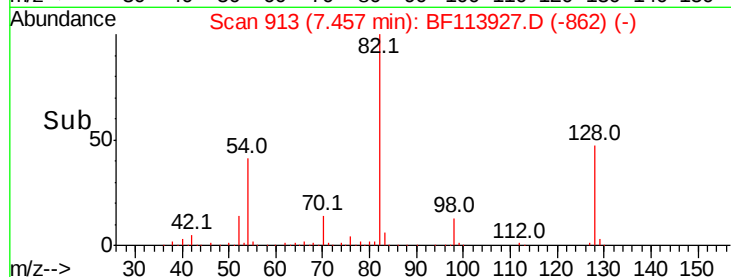
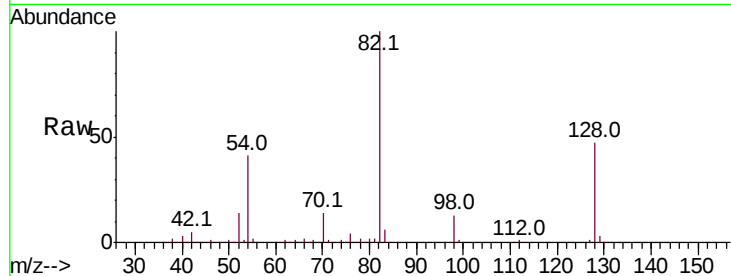




#23
Nitrobenzene-d5
Concen: 93.624 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

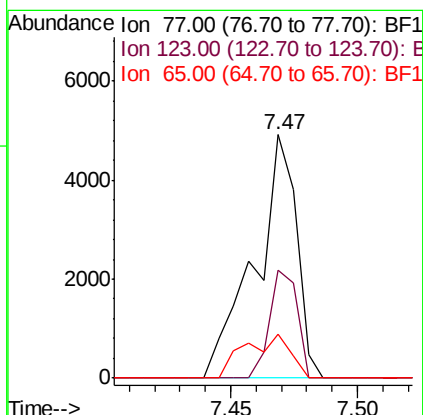
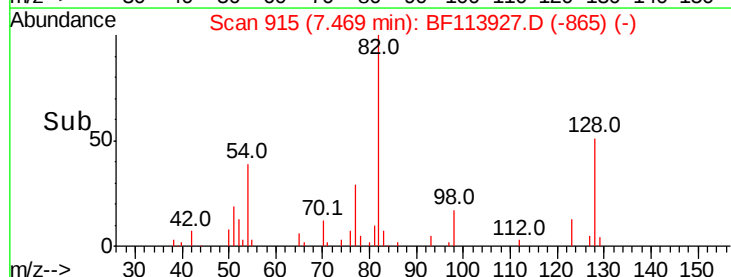
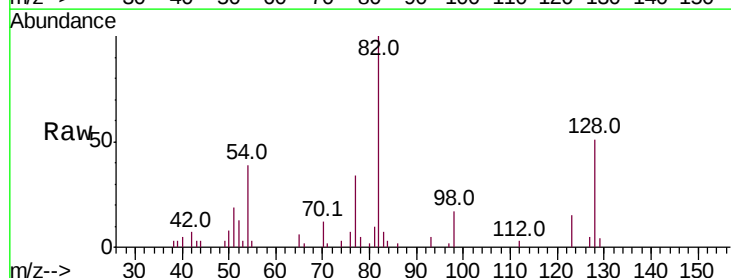
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

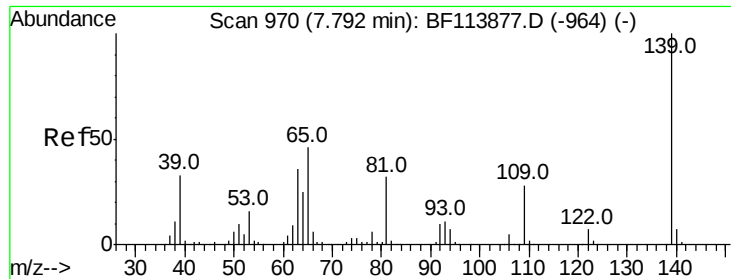
Tot Ion	82	Resp	676759
Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.8	55.2
54	41.1	33.8	50.6



#24
Nitrobenzene
Concen: 0.698 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion	77	Resp	5575
Ion	Ratio	Lower	Upper
77	100		
123	44.3	36.3	54.5
65	18.1	10.3	15.5#

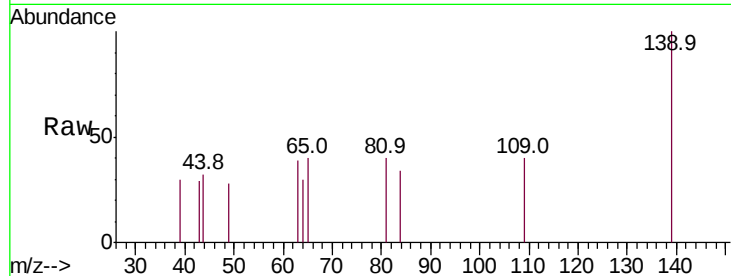




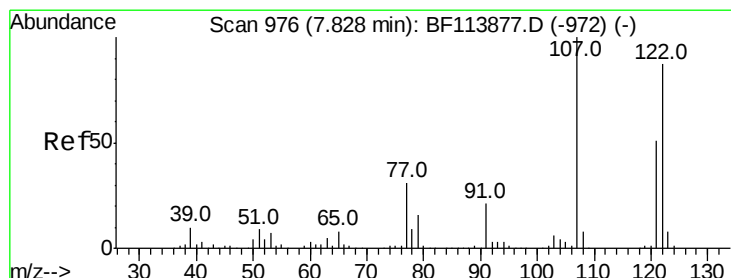
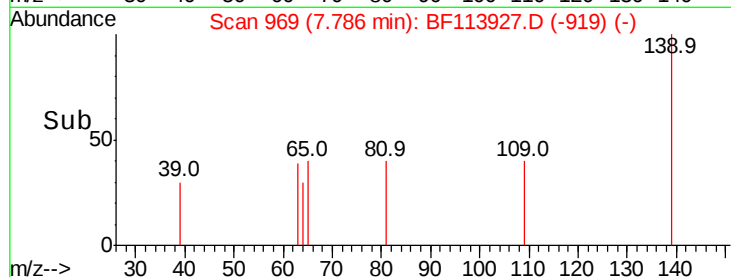
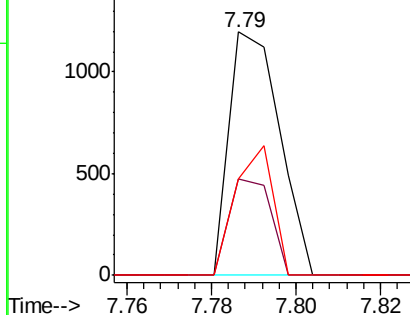
#26
 2-Nitrophenol
 Concen: 0.272 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

Tot Ion	Ratio	Lower	Upper
139	100		
109	39.8	20.6	31.0#
65	39.6	34.6	52.0

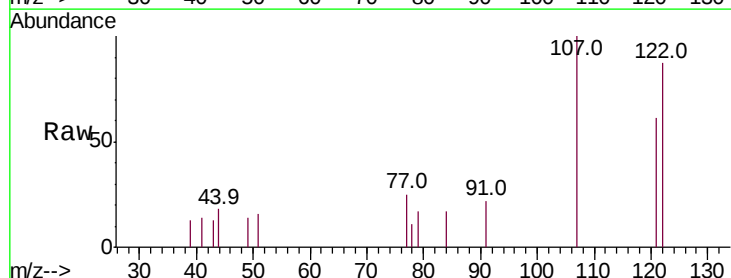


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

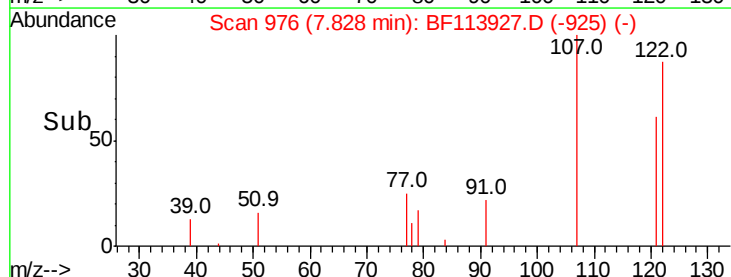
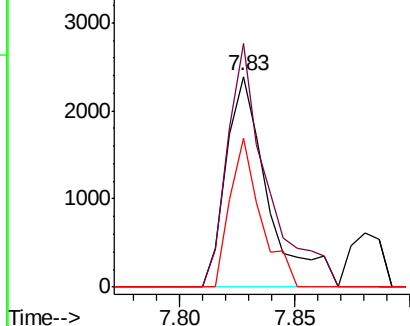


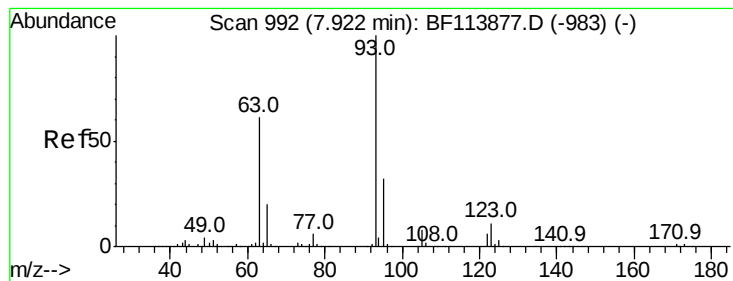
#27
 2,4-Dimethylphenol
 Concen: 0.507 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.5	91.2	136.8
121	70.8	46.4	69.6#



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: 0.446 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

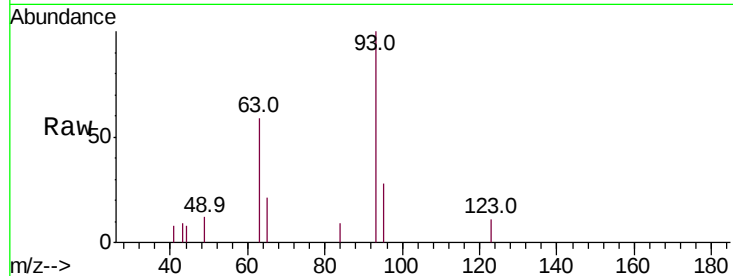
Tot Ion: 93 Resp: 4204

Ion Ratio Lower Upper

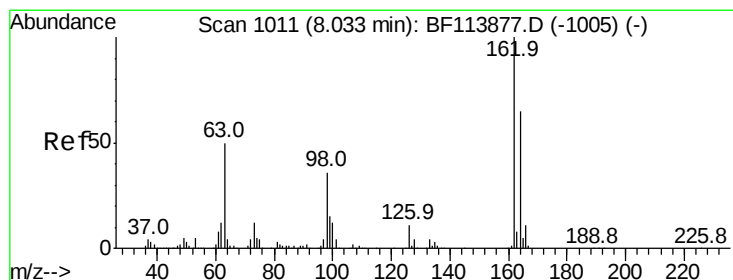
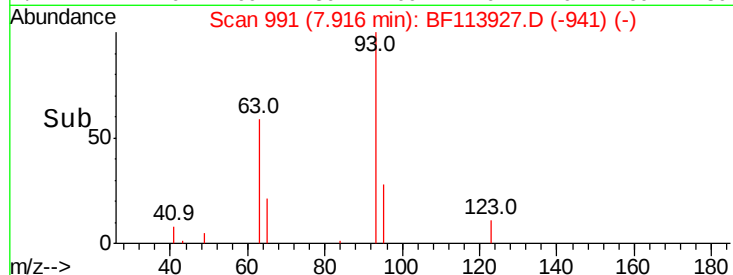
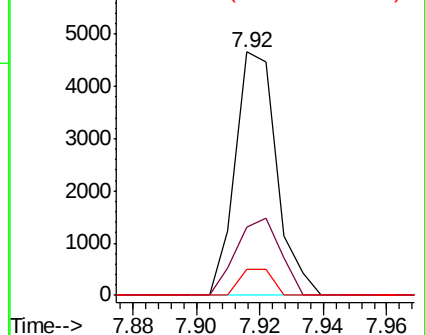
93 100

95 28.1 25.8 38.6

123 10.9 9.0 13.6



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): BF1



#29

2,4-Dichlorophenol

Concen: 0.351 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

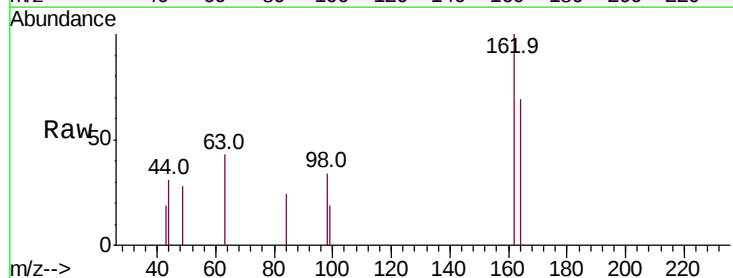
Tgt Ion:162 Resp: 2380

Ion Ratio Lower Upper

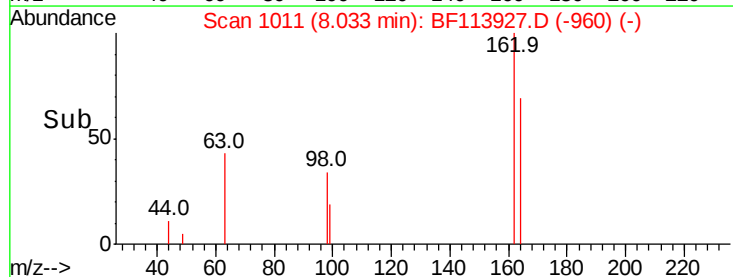
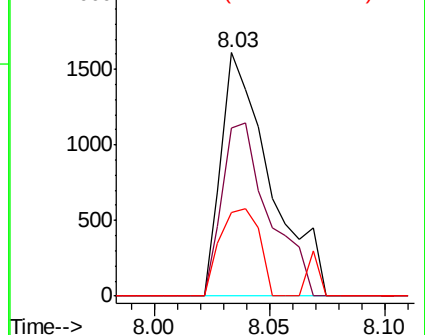
162 100

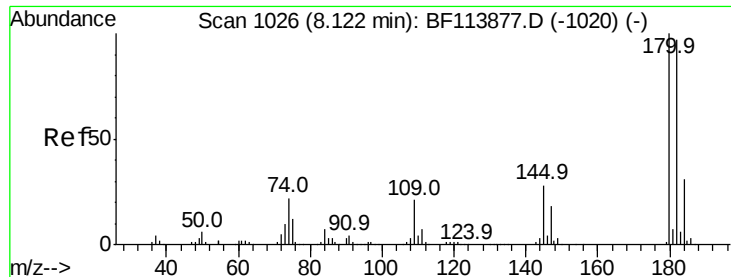
164 69.1 43.7 83.7

98 34.2 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

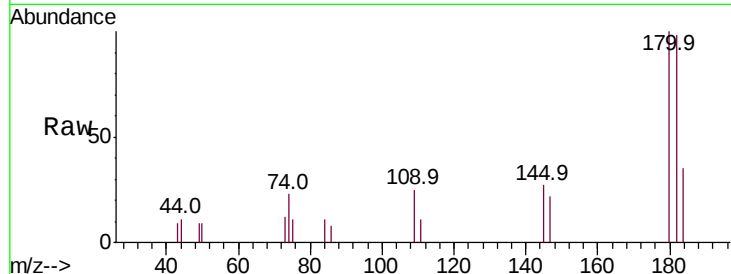




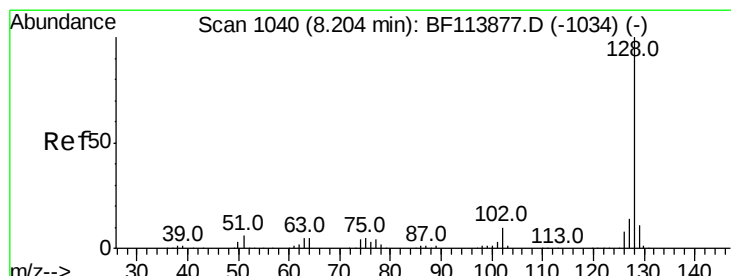
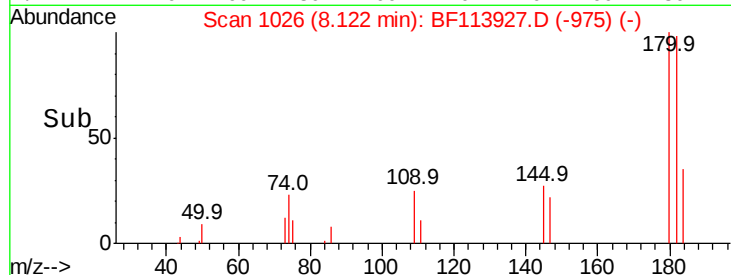
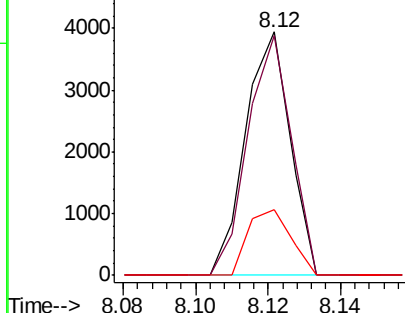
#30
 1,2,4-Trichlorobenzene
 Concen: 0.445 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

Tot Ion:180 Resp: 3367
 Ion Ratio Lower Upper
 180 100
 182 98.3 75.4 113.0
 145 27.2 23.0 34.4

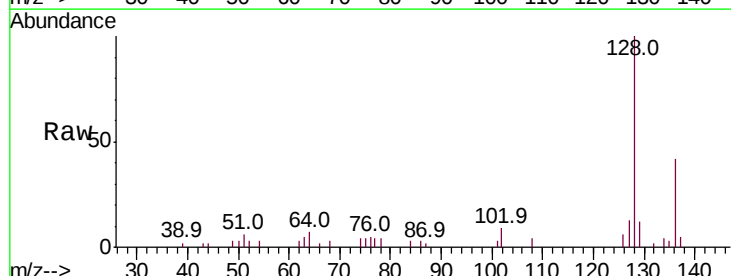


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

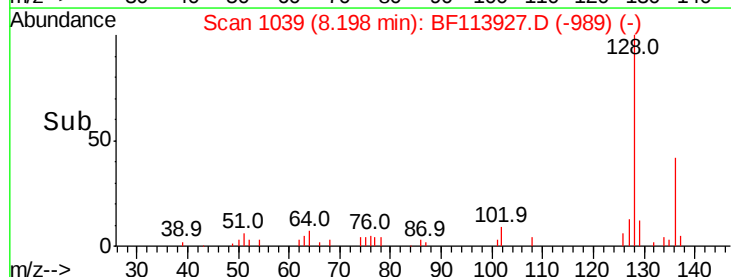
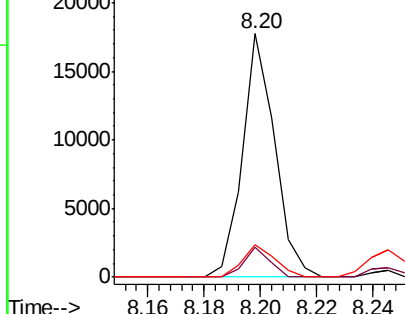


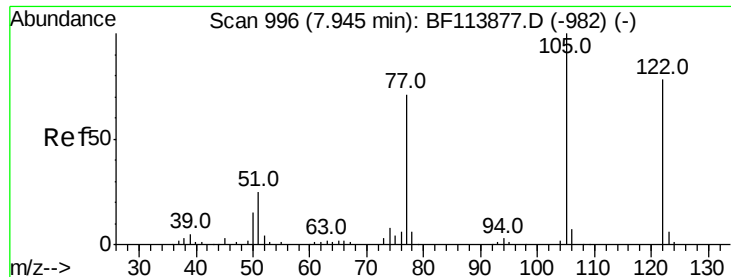
#31
 Naphthalene
 Concen: 0.660 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion:128 Resp: 13985
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.4 14.0
 127 13.3 10.8 16.2



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: 0.143 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.06 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

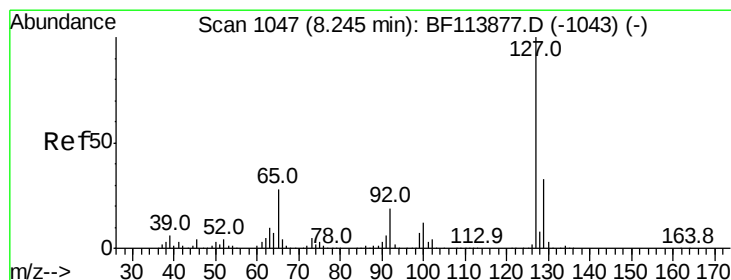
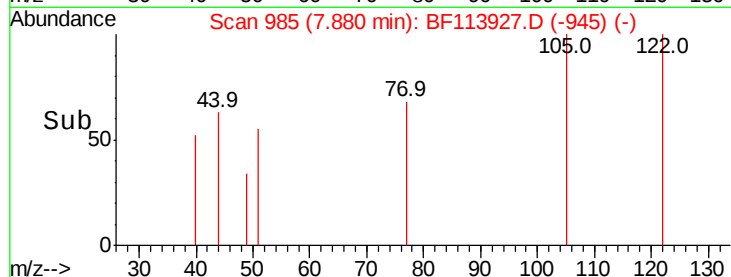
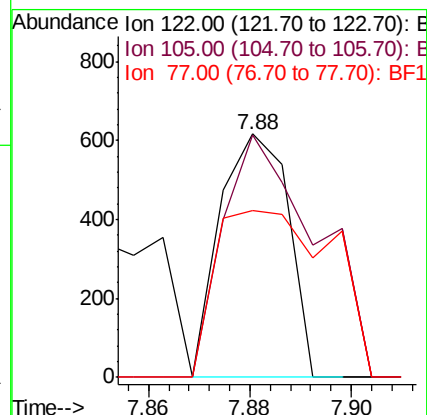
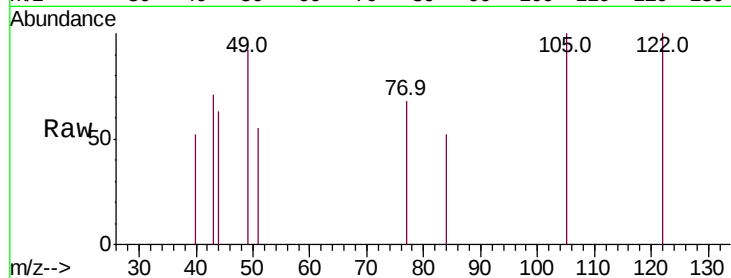
Tot Ion:122 Resp: 575

Ion Ratio Lower Upper

122 100

105 99.5 104.3 144.3#

77 68.2 70.4 110.4#



#33

4-Chloroaniline

Concen: 0.212 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Tgt Ion:127 Resp: 1898

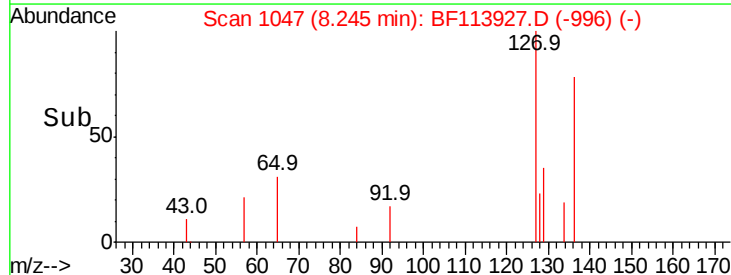
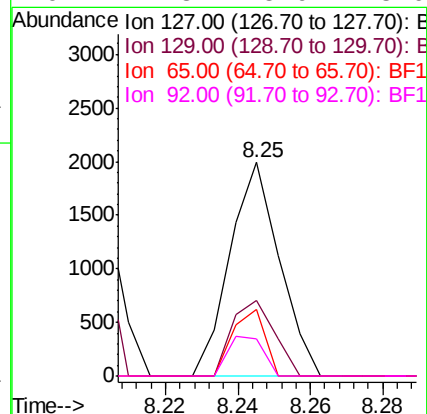
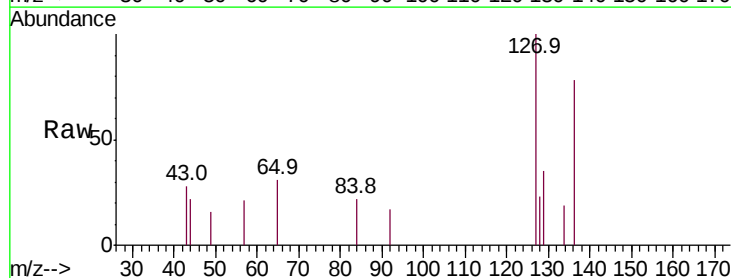
Ion Ratio Lower Upper

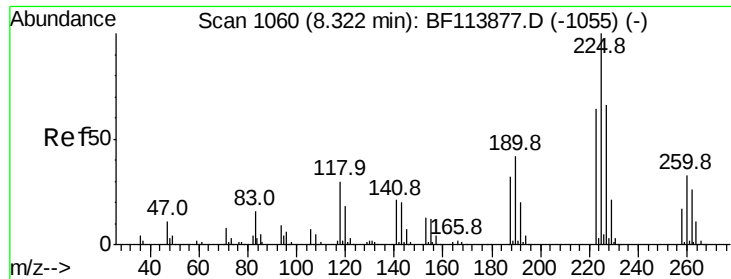
127 100

129 35.2 26.4 39.6

65 31.4 24.9 37.3

92 17.3 15.9 23.9

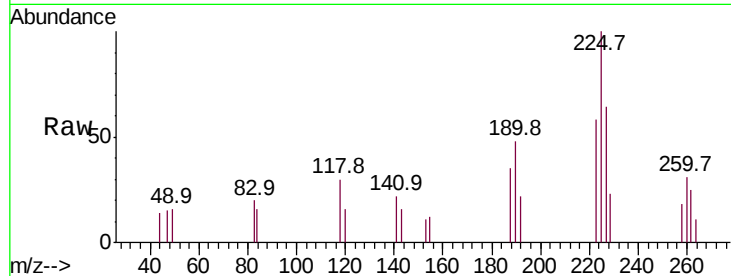




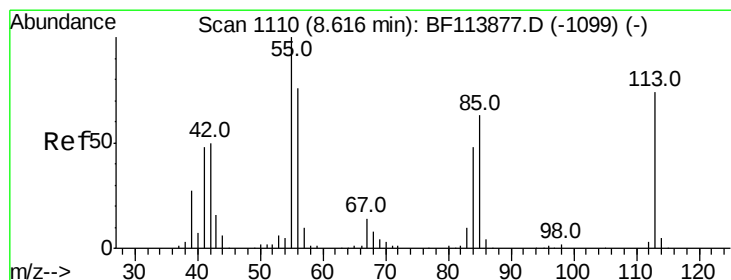
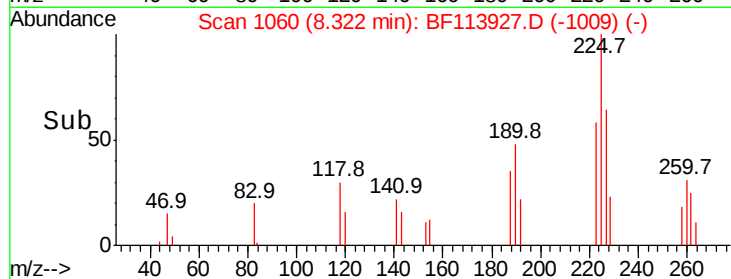
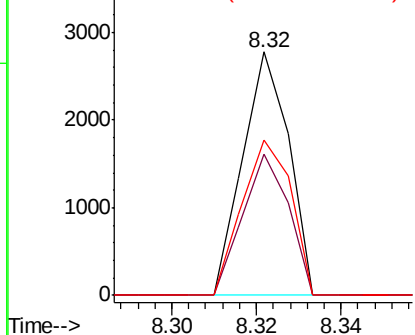
#34
Hexachlorobutadiene
Concen: 0.446 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion:225 Resp: 2103
Ion Ratio Lower Upper
225 100
223 57.8 51.1 76.7
227 64.1 49.9 74.9

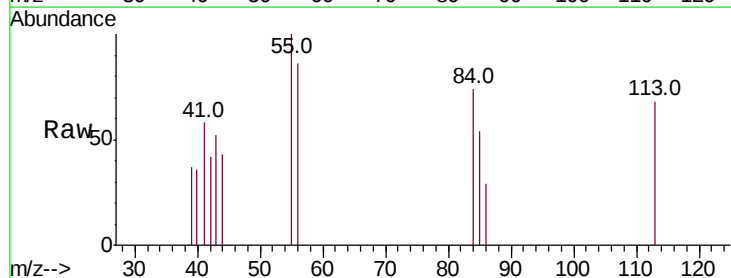


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

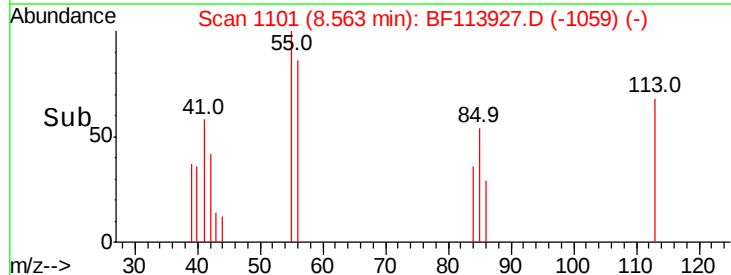
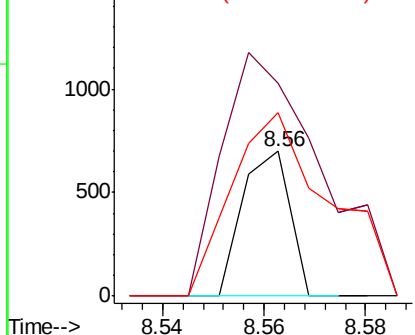


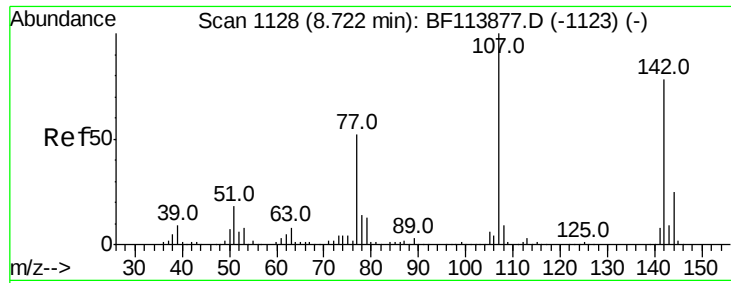
#35
Caprolactam
Concen: 0.211 ng
RT: 8.56 min Scan# 1101
Delta R.T. -0.05 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:113 Resp: 455
Ion Ratio Lower Upper
113 100
55 146.9 128.6 168.6
56 127.0 91.9 131.9



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

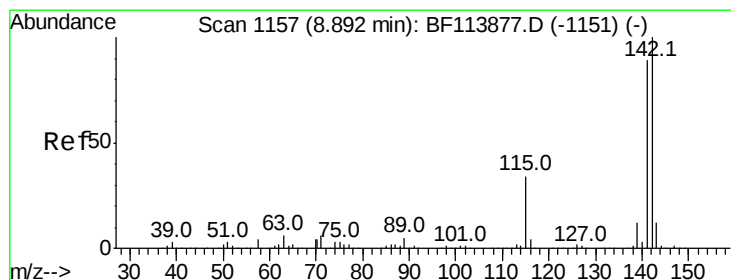
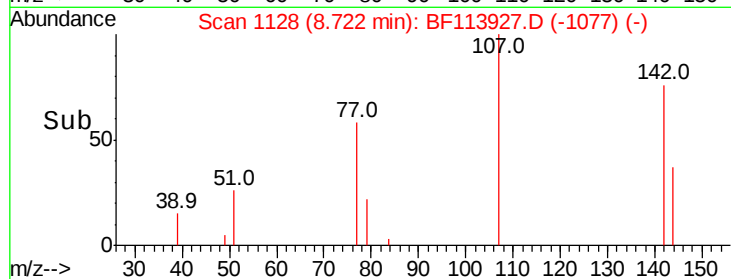
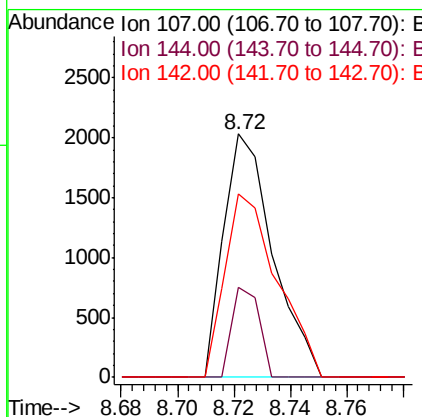
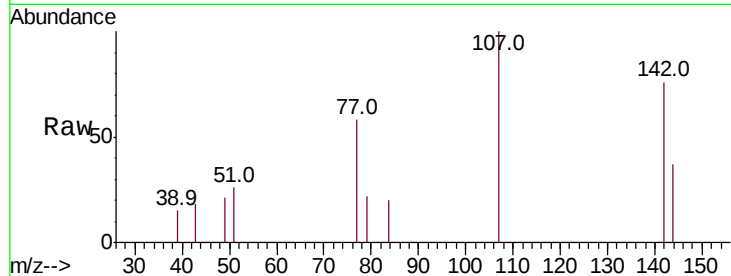




#36
 4-Chloro-3-methylphenol
 Concen: 0.366 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

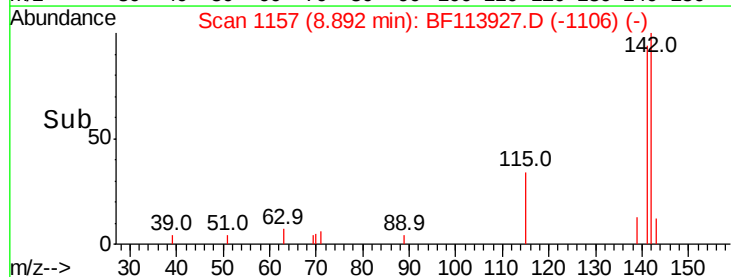
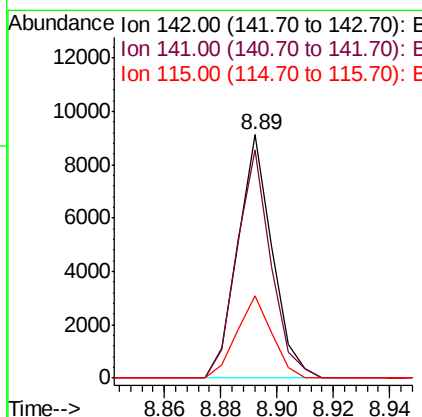
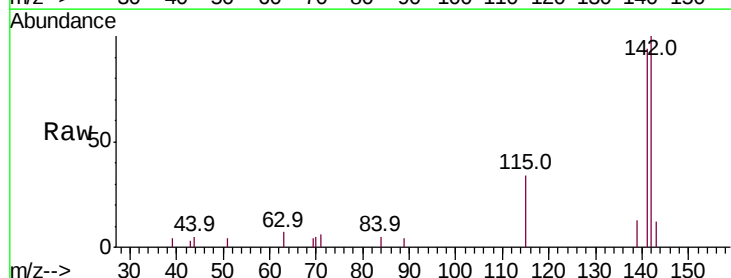
Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

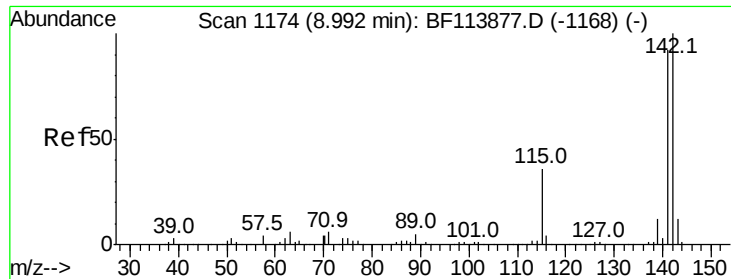
Tot Ion:107 Resp: 2462
 Ion Ratio Lower Upper
 107 100
 144 36.8 20.5 30.7#
 142 75.6 64.2 96.4



#37
 2-Methylnaphthalene
 Concen: 0.543 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion:142 Resp: 7761
 Ion Ratio Lower Upper
 142 100
 141 93.7 70.4 105.6
 115 33.7 26.3 39.5

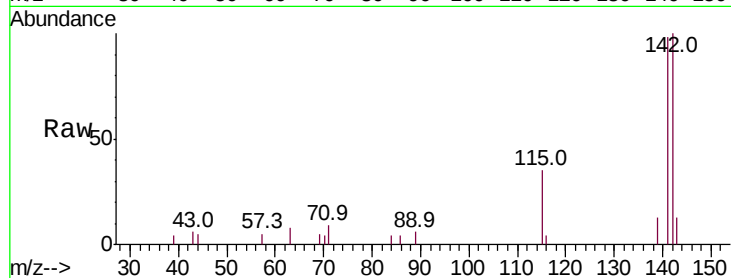




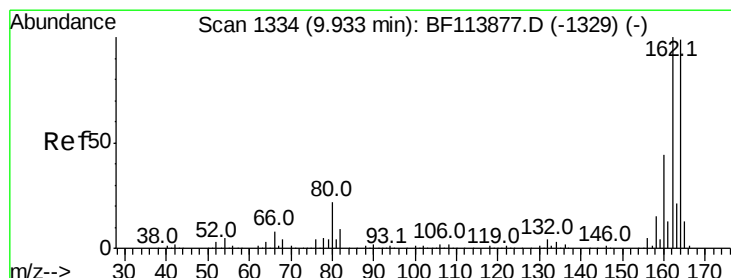
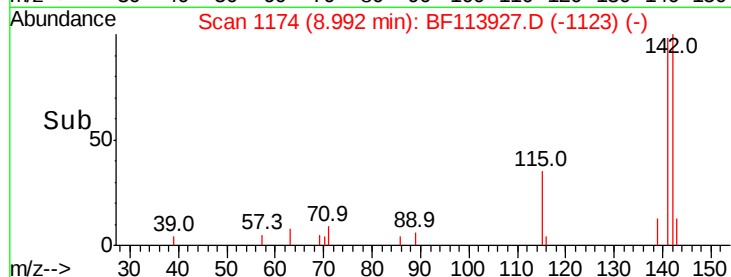
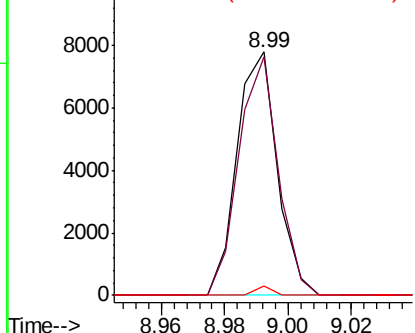
#38
1-Methylnaphthalene
Concen: 0.496 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion:142 Resp: 6849
Ion Ratio Lower Upper
142 100
141 97.9 72.3 108.5
116 4.1 3.0 4.4

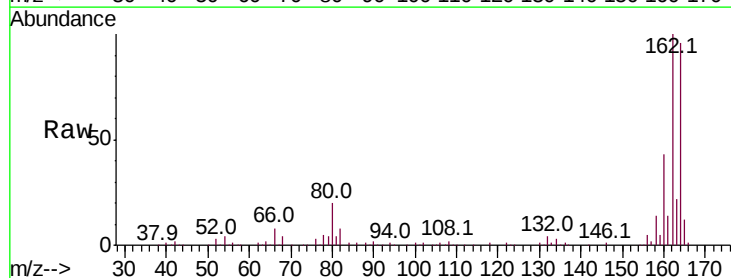


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

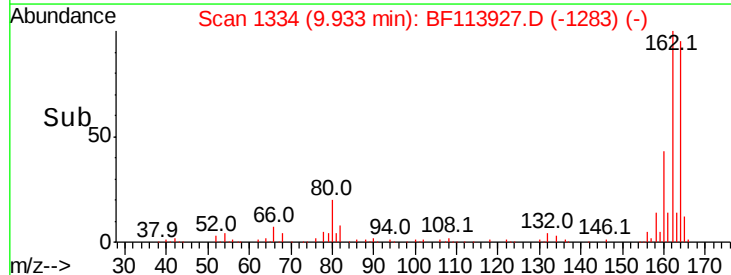
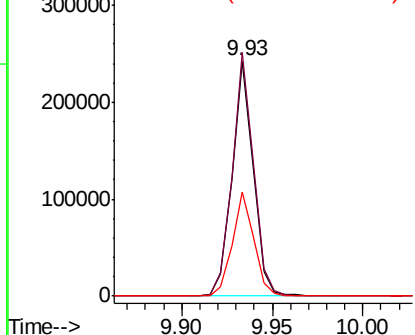


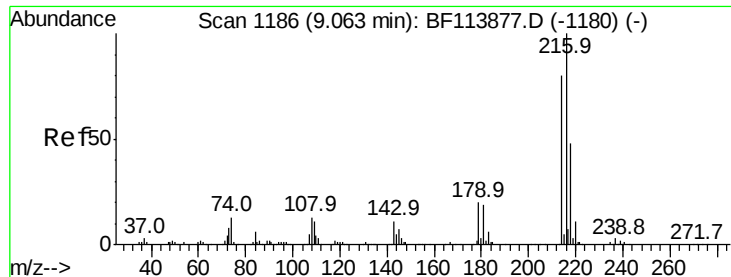
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:164 Resp: 198663
Ion Ratio Lower Upper
164 100
162 103.7 81.1 121.7
160 44.5 35.8 53.6



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

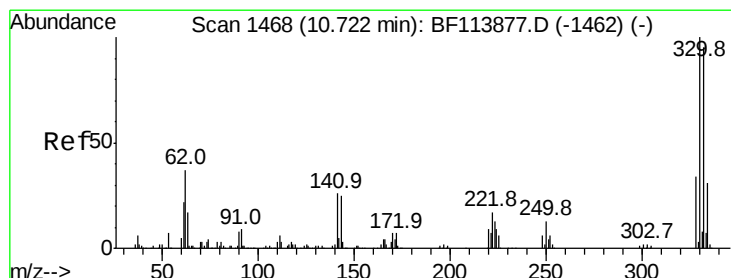
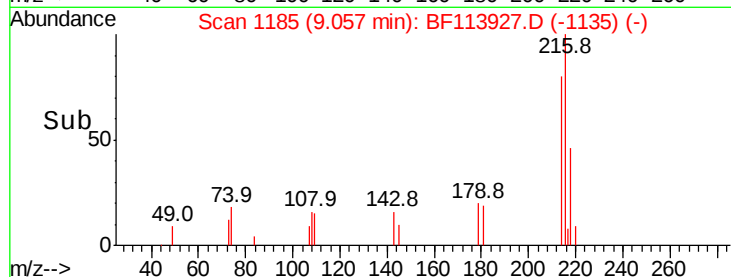
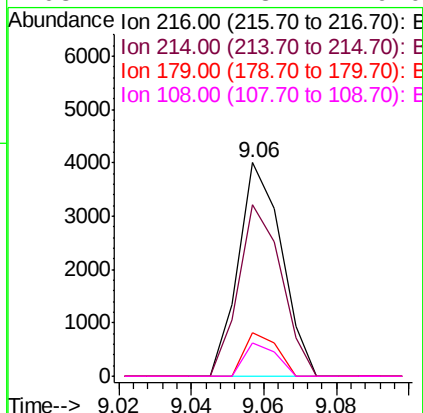
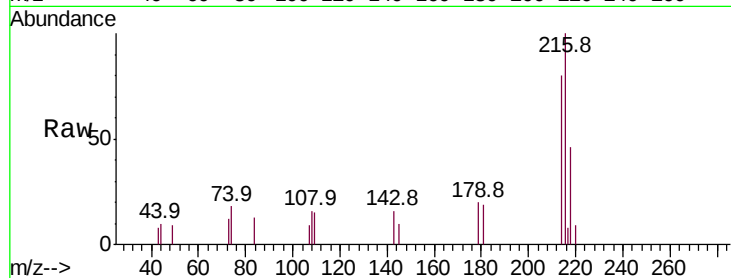




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 0.516 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

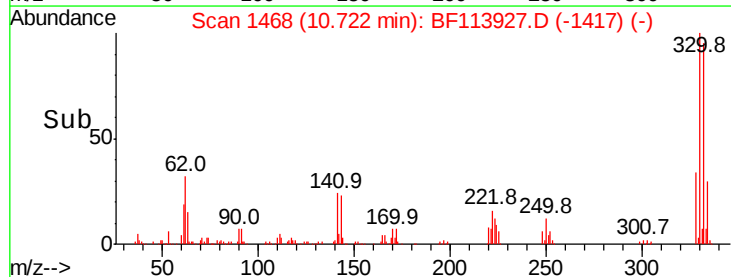
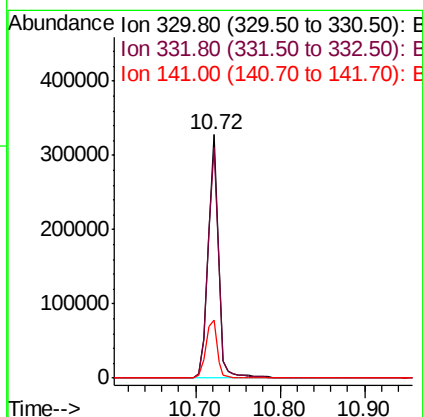
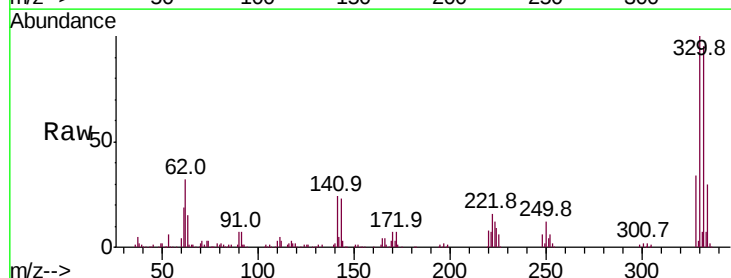
Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

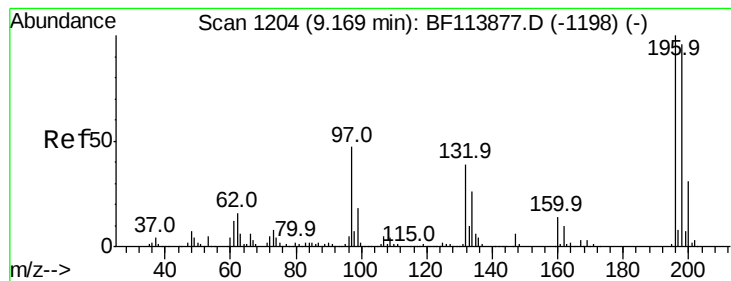
Tot Ion:	216	Resp:	3330
Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.5	95.3
179	15.3	16.1	24.1#
108	11.4	13.4	20.0#



#42
 2,4,6-Tribromophenol
 Concen: 116.549 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion:	330	Resp:	282062
Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.5	116.3
141	26.2	22.2	33.2





#43

2,4,6-Trichlorophenol

Concen: 0.386 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

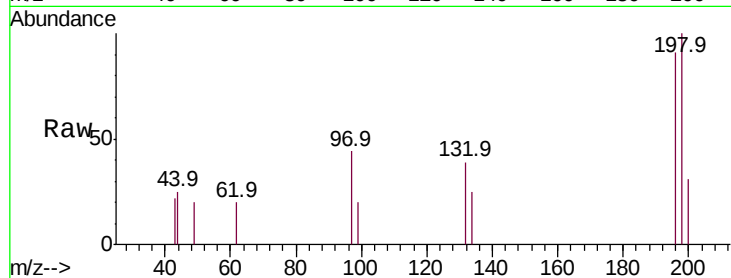
Tot Ion:196 Resp: 1582

Ion Ratio Lower Upper

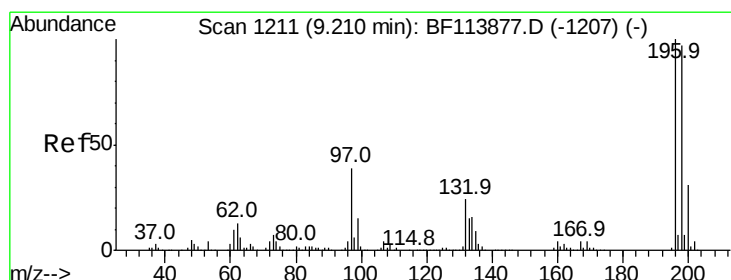
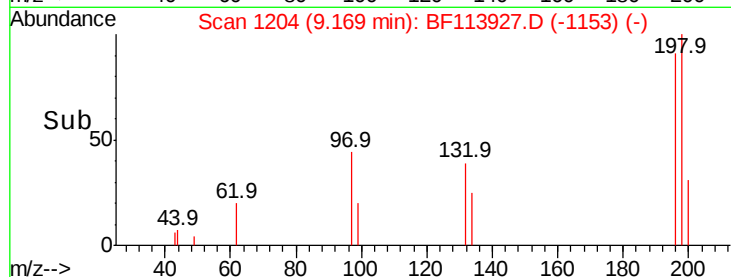
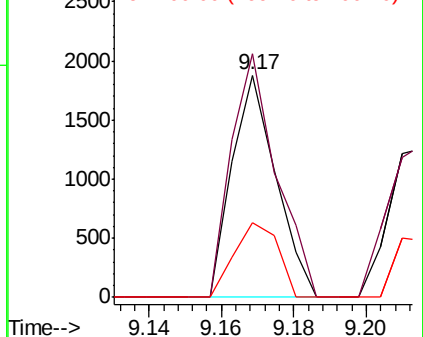
196 100

198 109.5 75.6 113.4

200 33.4 24.7 37.1



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: 0.364 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Tgt Ion:196 Resp: 1671

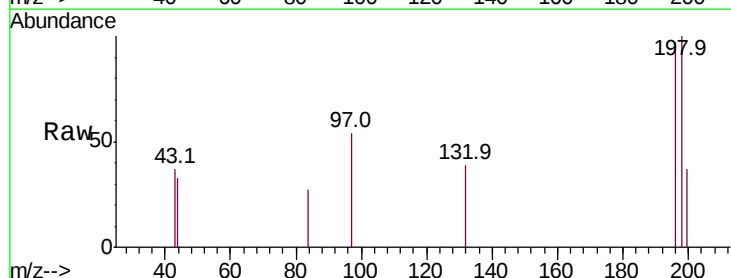
Ion Ratio Lower Upper

196 100

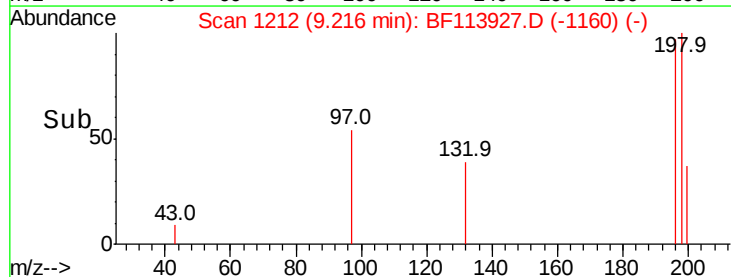
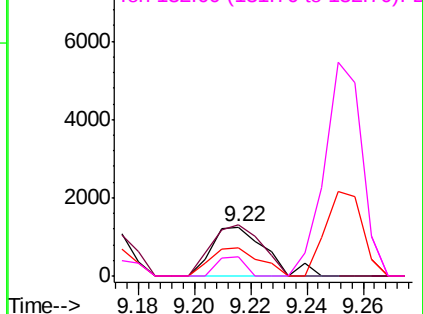
198 102.9 76.2 114.4

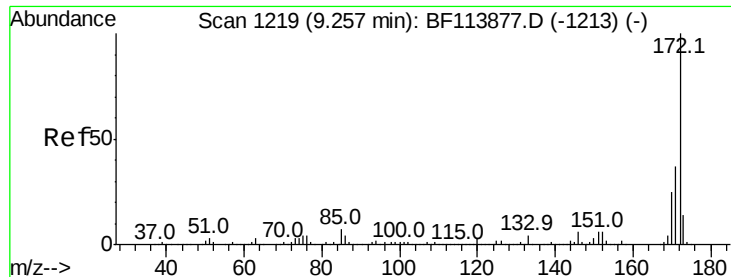
97 56.0 35.8 53.8#

132 40.0 20.9 31.3#



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



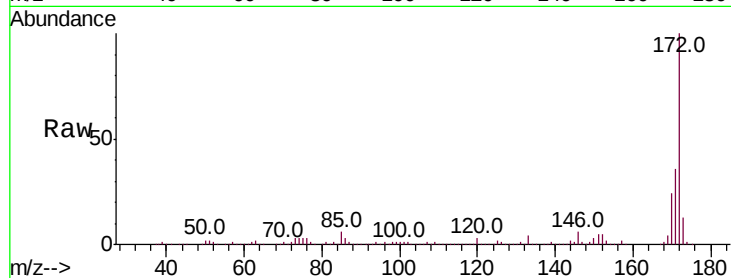


#45
2-Fluorobiphenyl
Concen: 90.372 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

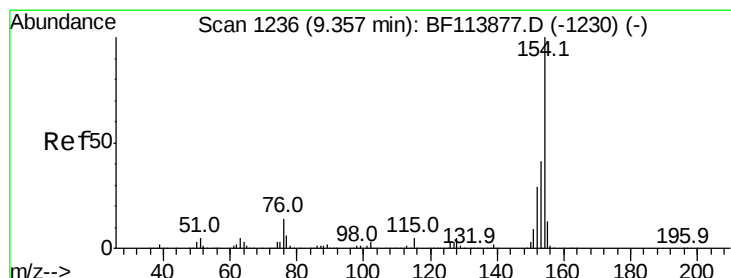
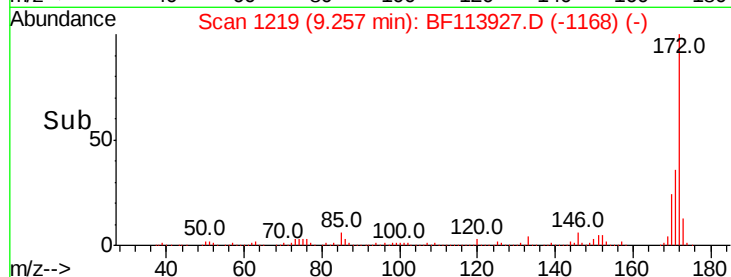
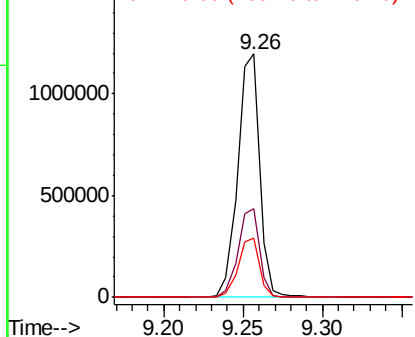
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion:172 Resp: 1147912

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.1	19.9	29.9



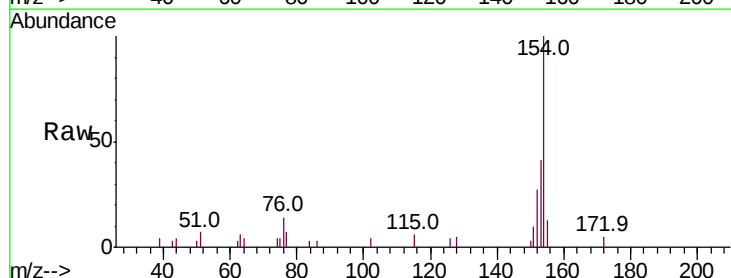
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



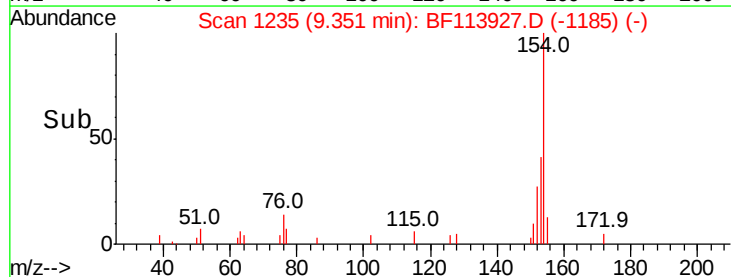
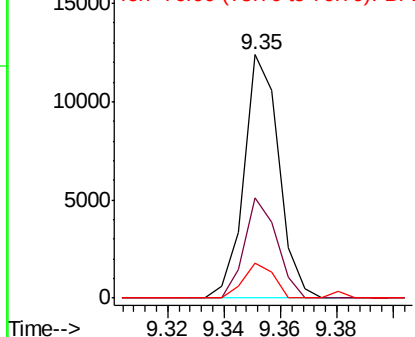
#46
1,1'-Biphenyl
Concen: 0.698 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

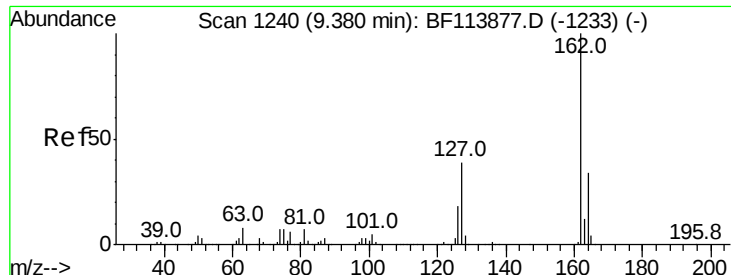
Tgt Ion:154 Resp: 10595

Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	14.2	0.0	35.2



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

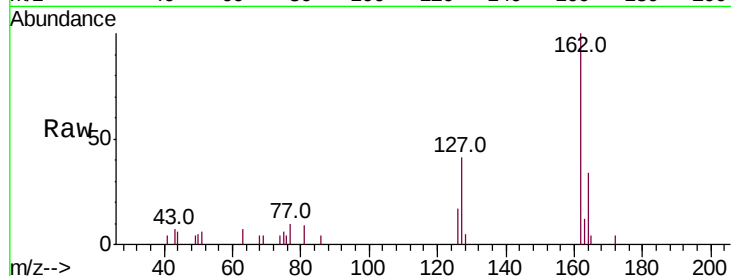




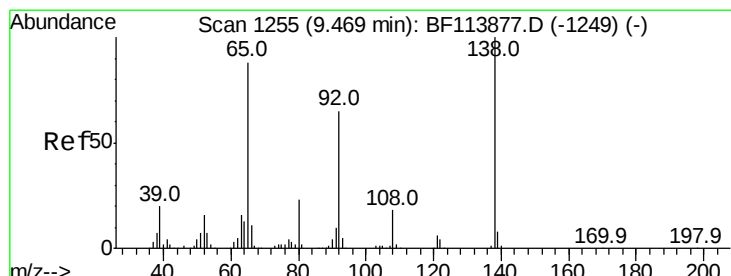
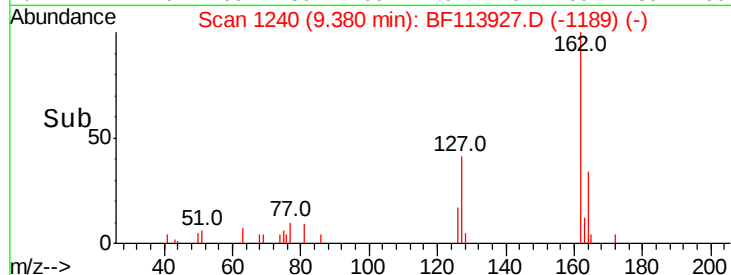
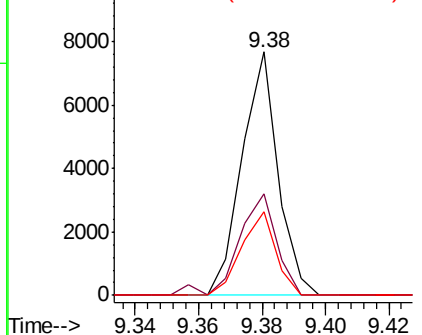
#47
 2-Chloronaphthalene
 Concen: 0.489 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

Tot Ion:	162	Resp:	6037
Ion	Ratio	Lower	Upper
162	100		
127	41.5	29.3	43.9
164	34.4	27.1	40.7

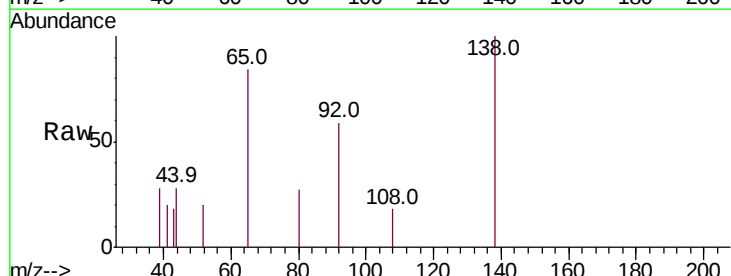


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

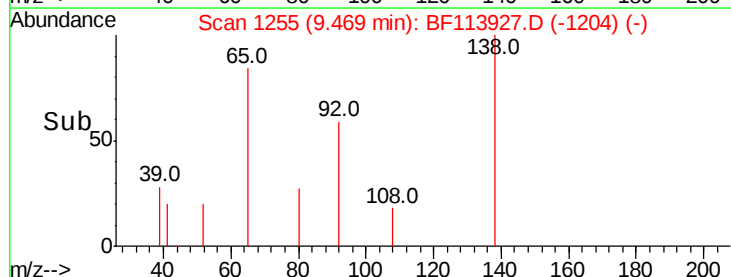
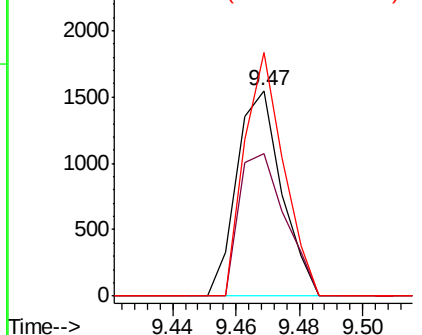


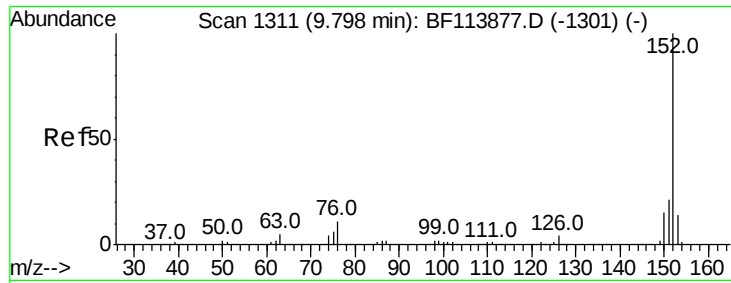
#48
 2-Nitroaniline
 Concen: 0.469 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion:	65	Resp:	1516
Ion	Ratio	Lower	Upper
65	100		
92	69.6	57.4	86.0
138	118.6	85.4	128.0



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: 0.516 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

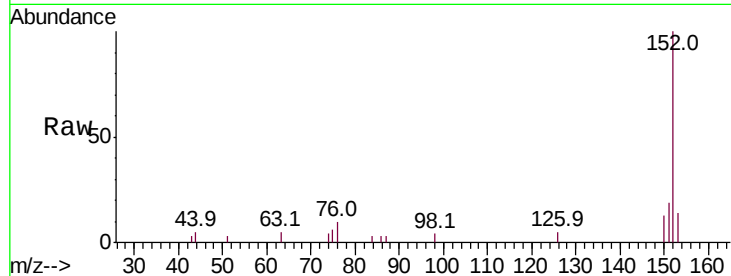
Tot Ion:152 Resp: 9969

Ion Ratio Lower Upper

152 100

151 18.6 17.0 25.4

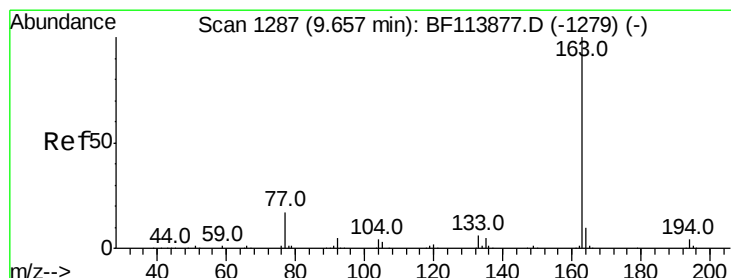
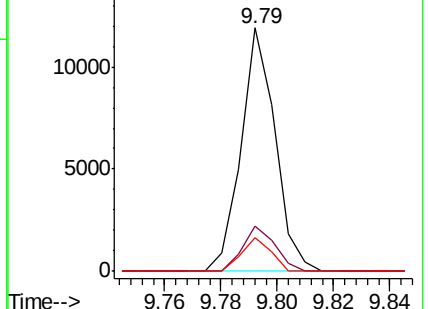
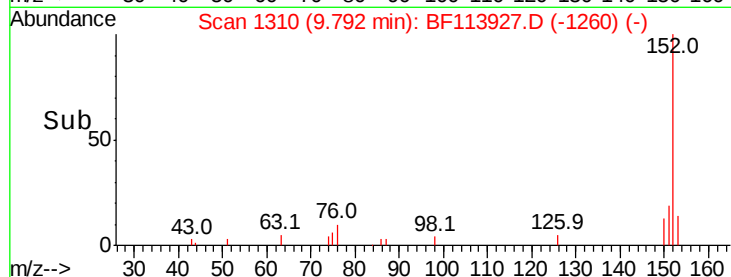
153 14.1 11.0 16.6



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: 5.737 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

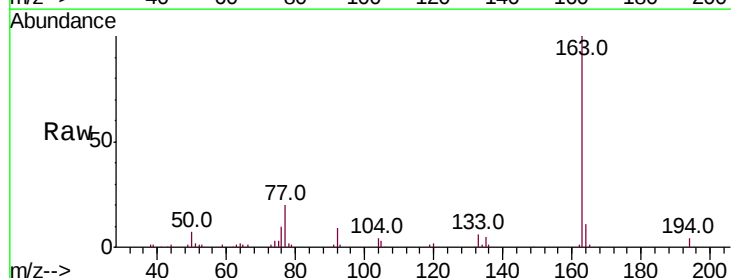
Tgt Ion:163 Resp: 82433

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

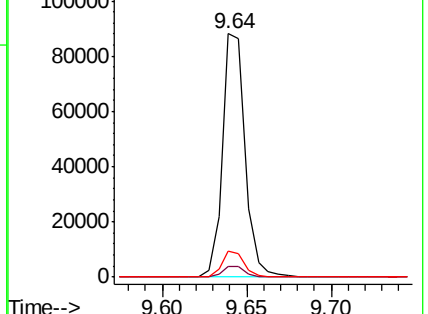
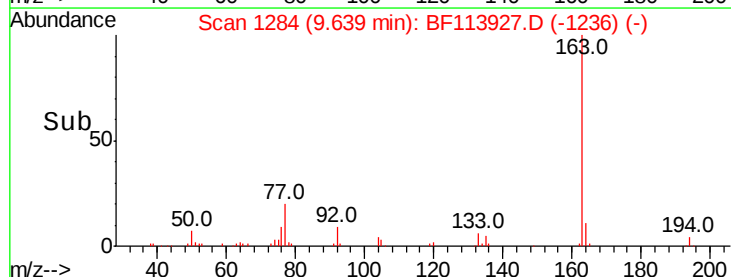
164 10.6 8.5 12.7

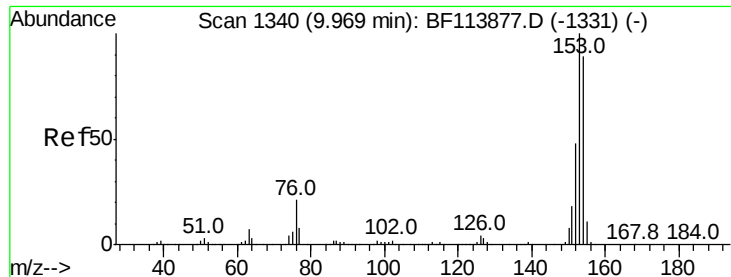


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#52

Acenaphthene

Concen: 0.752 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

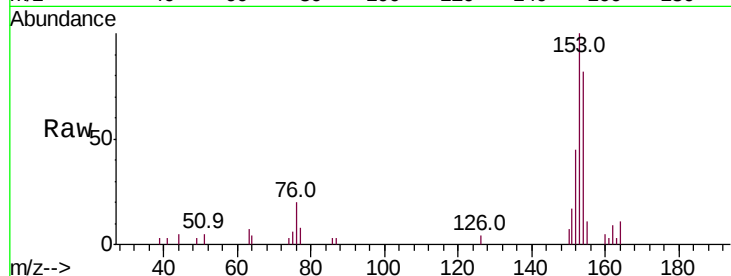
Tot Ion:154 Resp: 8586

Ion Ratio Lower Upper

154 100

153 122.2 87.2 130.8

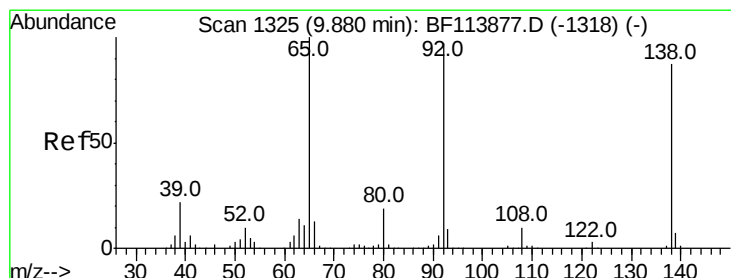
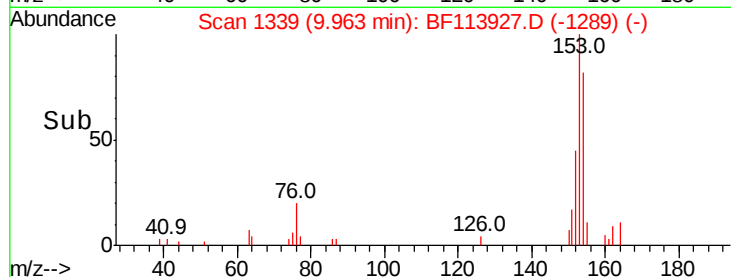
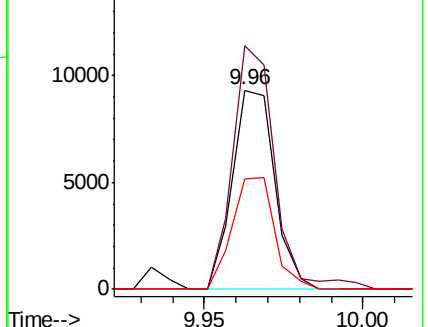
152 55.2 42.3 63.5



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: 0.313 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

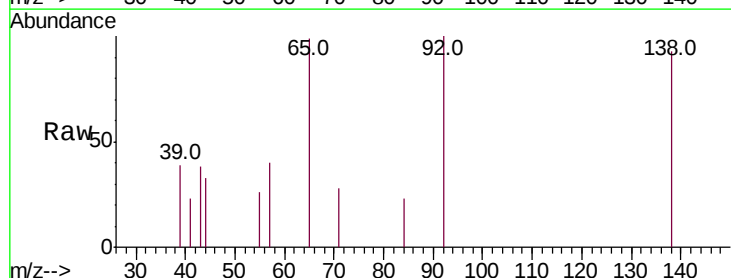
Tgt Ion:138 Resp: 1014

Ion Ratio Lower Upper

138 100

108 0.0 9.4 14.2#

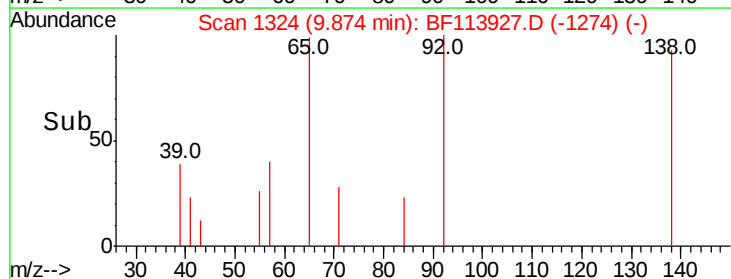
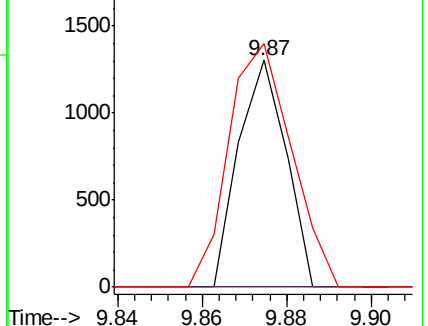
92 107.5 94.1 141.1

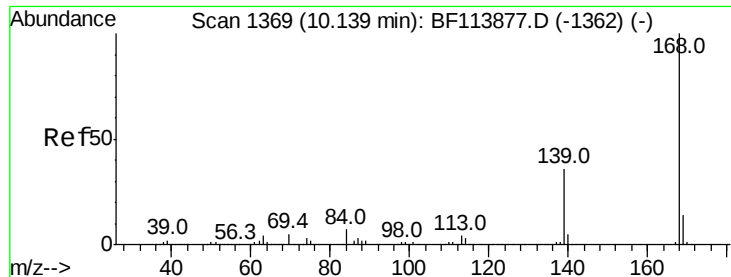


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#55

Dibenzofuran

Concen: 0.614 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

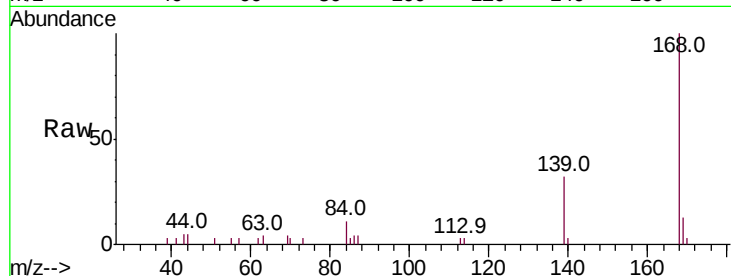
Tot Ion:168 Resp: 10498

Ion Ratio Lower Upper

168 100

139 31.9 27.8 41.6

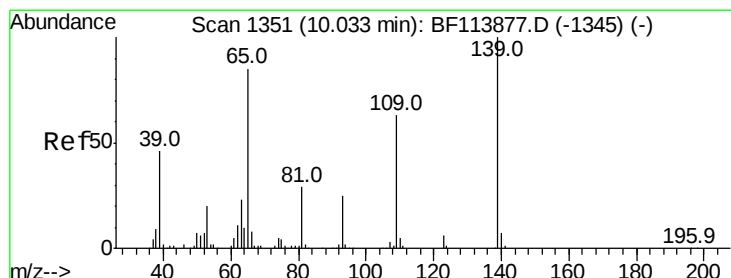
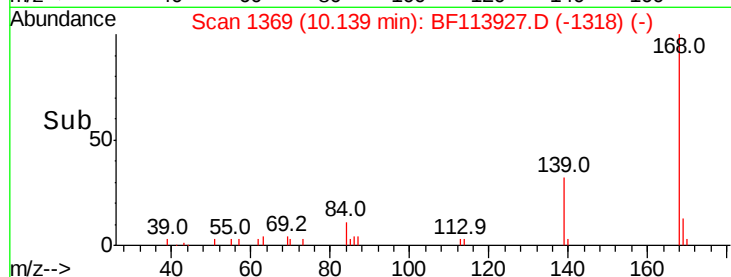
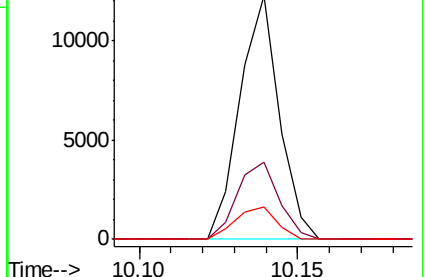
169 13.2 11.0 16.6



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: 0.466 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

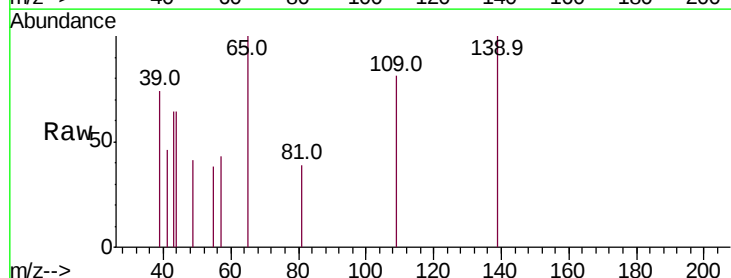
Tgt Ion:139 Resp: 1195

Ion Ratio Lower Upper

139 100

109 81.4 42.9 82.9

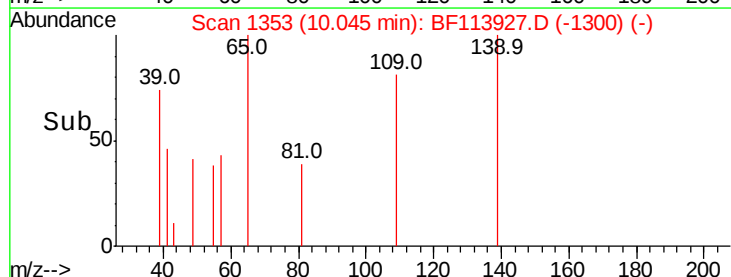
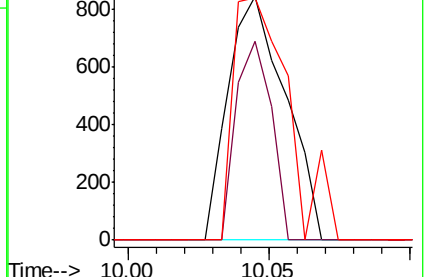
65 99.8 64.4 104.4

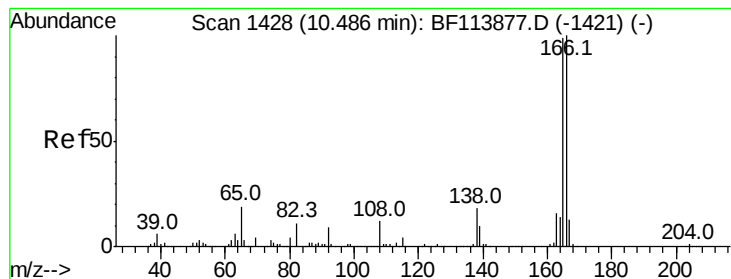


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#58

Fluorene

Concen: 0.774 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

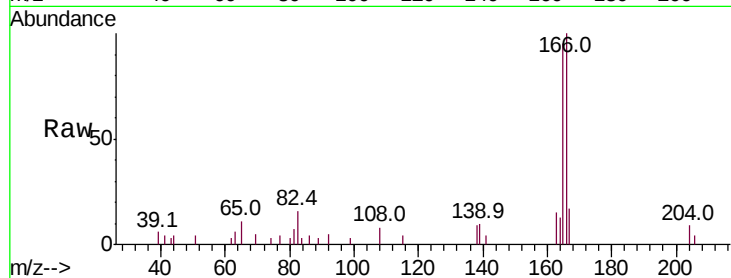
Tot Ion:166 Resp: 9968

Ion Ratio Lower Upper

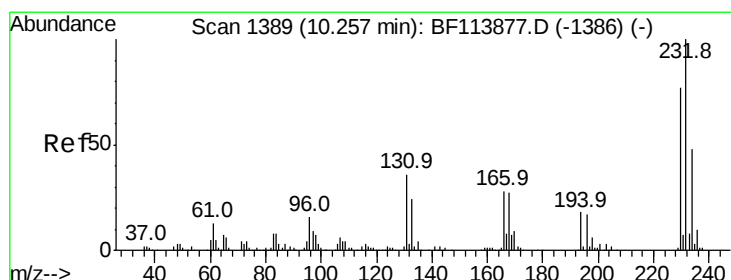
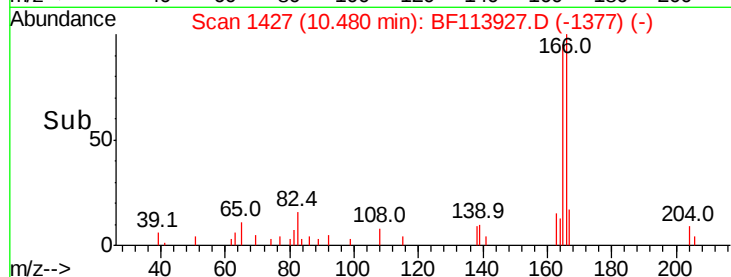
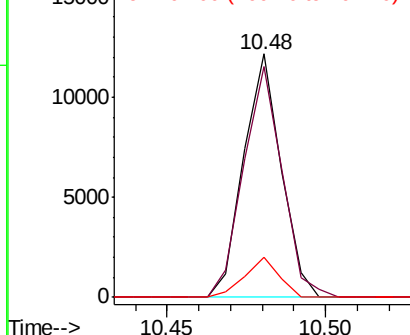
166 100

165 94.9 78.4 117.6

167 16.6 10.9 16.3#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 0.298 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Tgt Ion:232 Resp: 1205

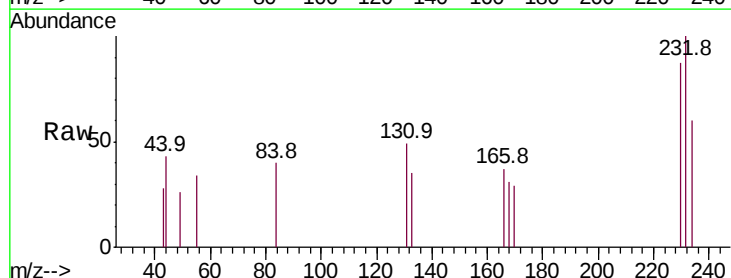
Ion Ratio Lower Upper

232 100

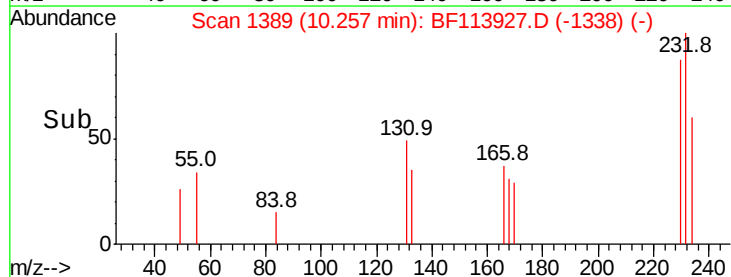
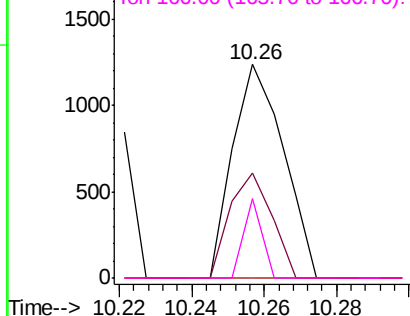
131 40.7 30.2 45.2

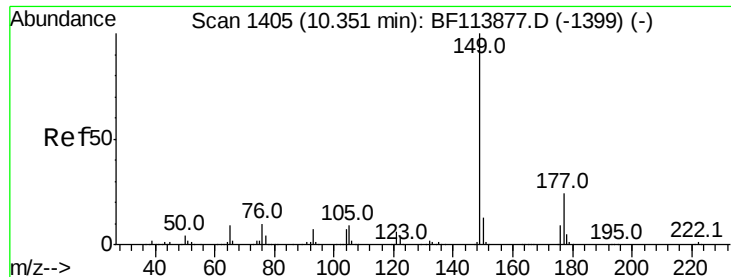
130 0.0 1.5 2.3#

166 0.0 22.2 33.4#



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

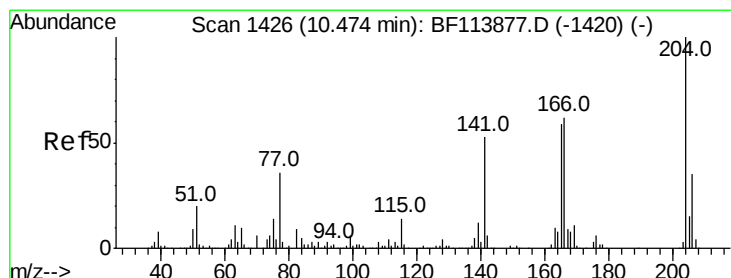
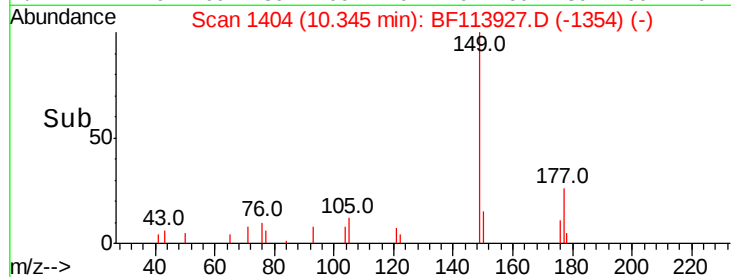
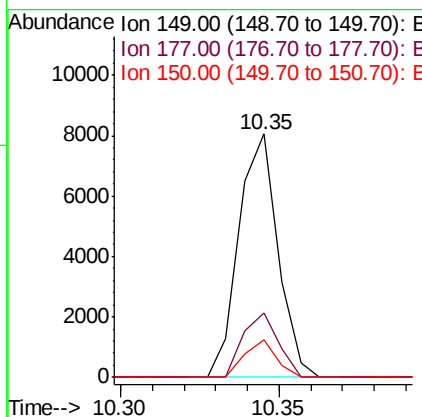
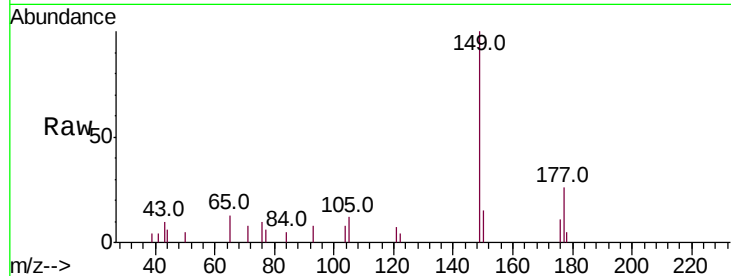




#60
Diethylphthalate
Concen: 0.503 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

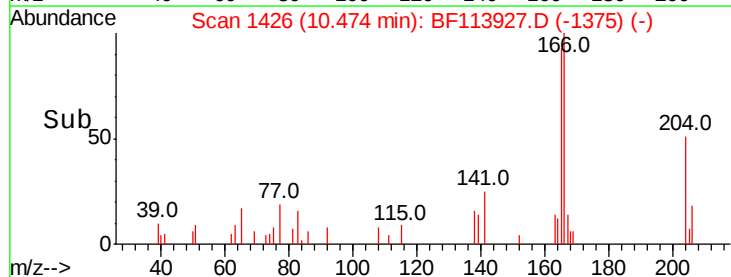
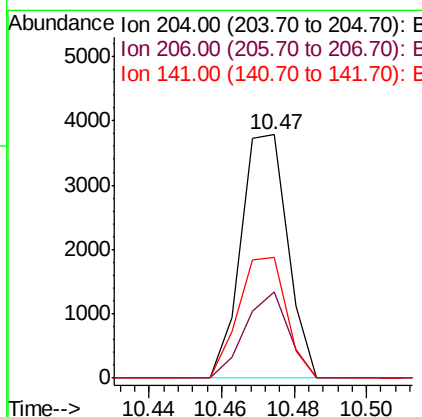
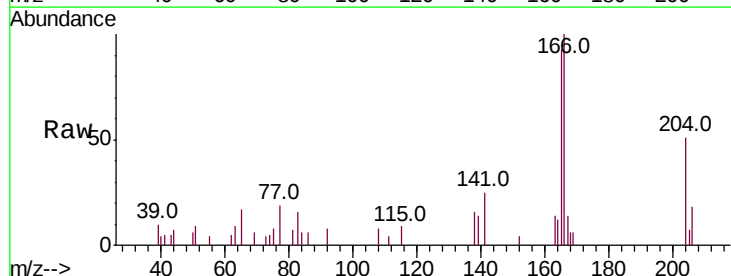
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

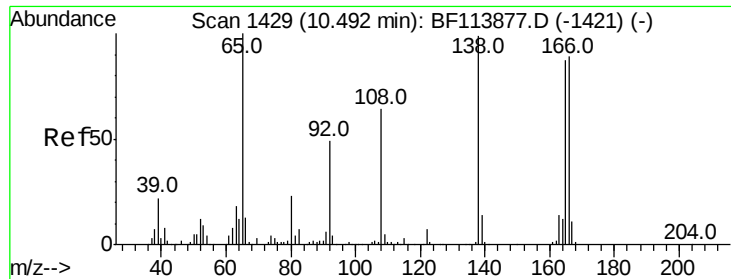
Tot Ion:149 Resp: 6868
Ion Ratio Lower Upper
149 100
177 26.3 19.2 28.8
150 15.3 10.3 15.5



#61
4-Chlorophenyl-phenylether
Concen: 0.495 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:204 Resp: 3378
Ion Ratio Lower Upper
204 100
206 35.6 27.4 41.2
141 49.4 42.6 63.8





#62

4-Nitroaniline

Concen: 0.398 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

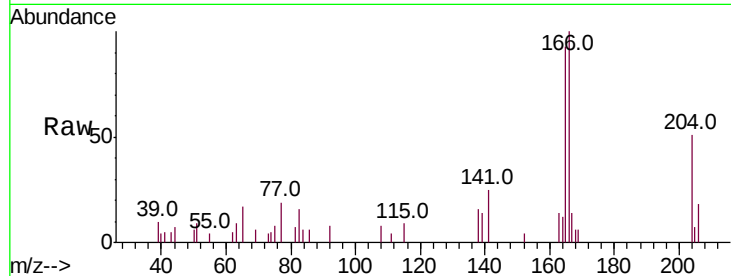
Tot Ion:138 Resp: 1258

Ion Ratio Lower Upper

138 100

92 51.7 31.3 71.3

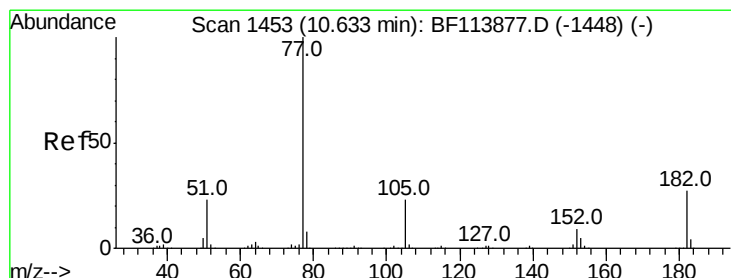
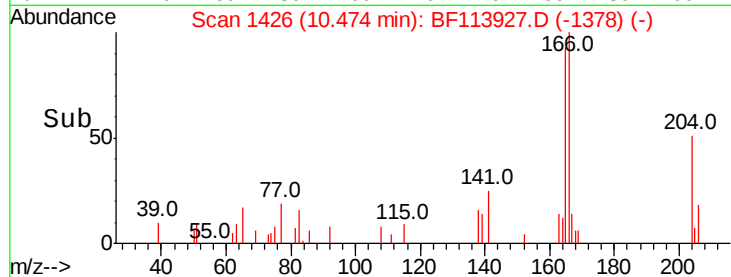
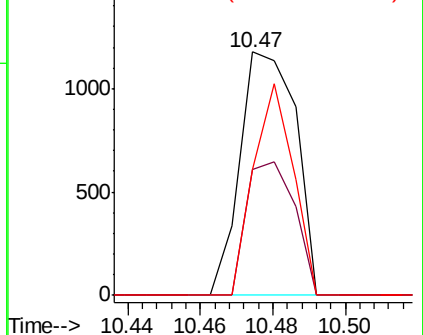
108 51.9 48.9 88.9



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: 0.433 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Tgt Ion: 77 Resp: 5725

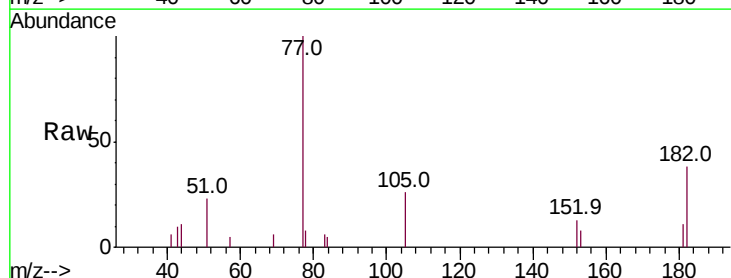
Ion Ratio Lower Upper

77 100

182 37.8 4.4 44.4

105 25.6 2.2 42.2

51 23.3 3.9 43.9

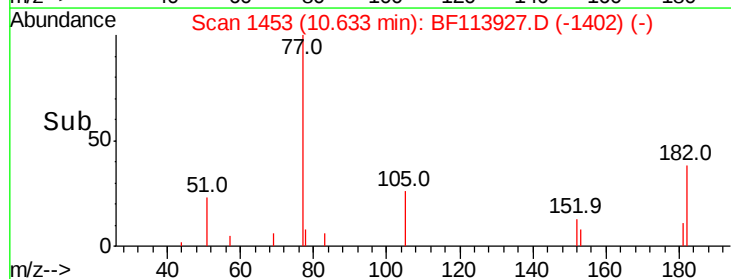
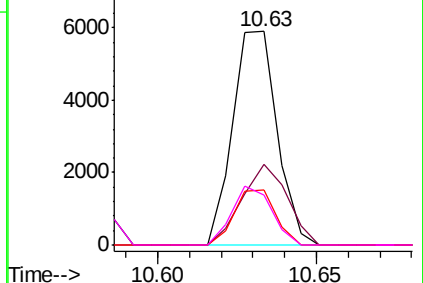


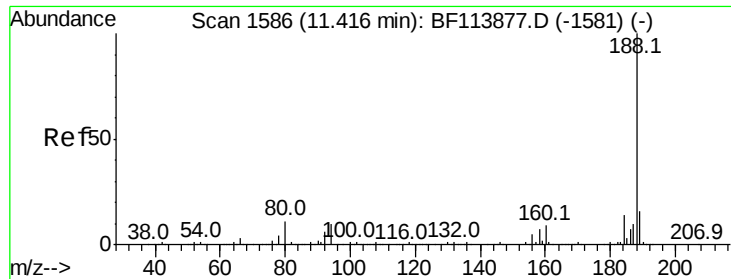
Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

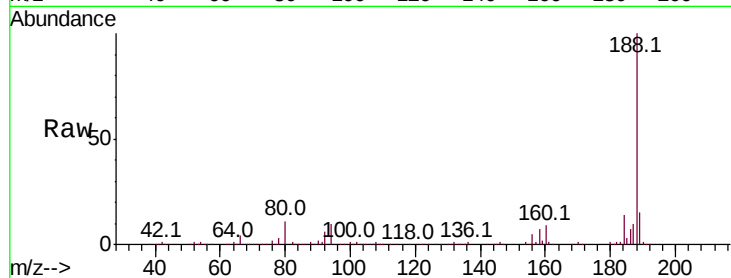




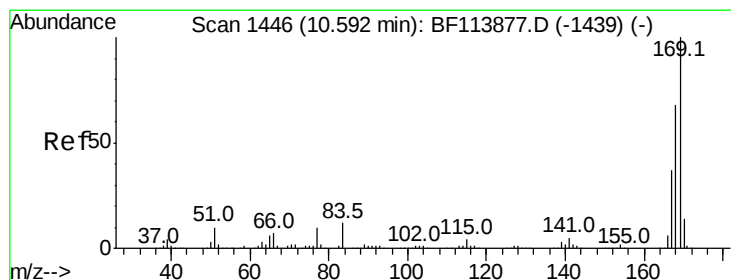
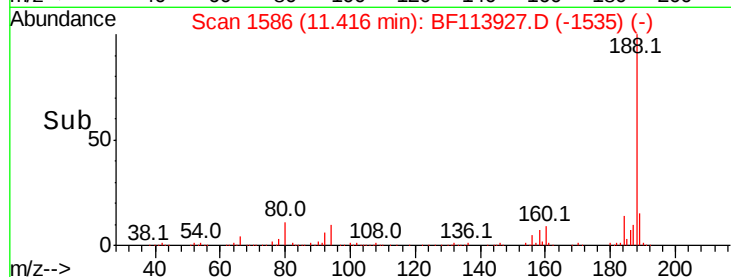
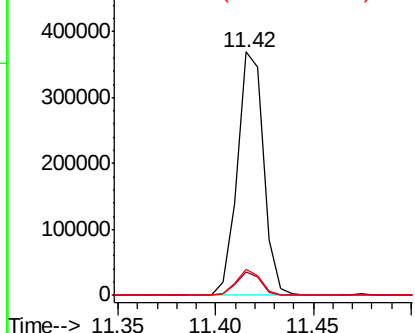
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion:188 Resp: 345096
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.4
80 10.8 9.0 13.6

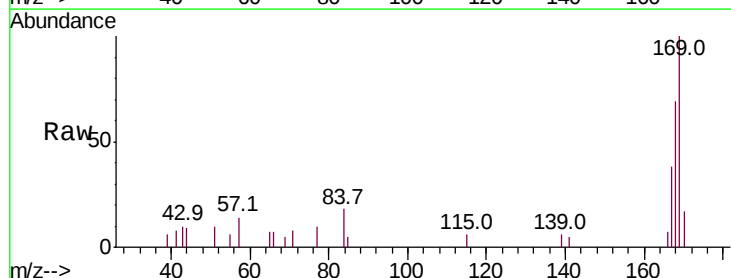


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

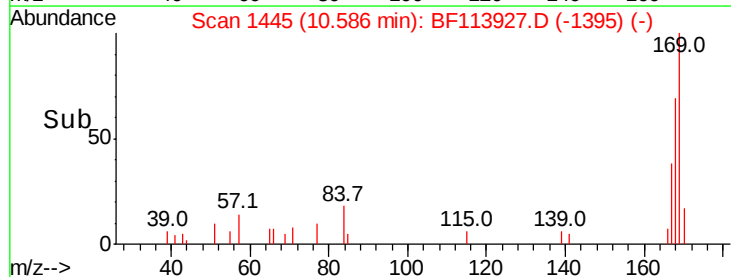
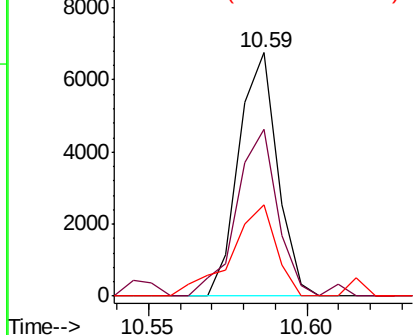


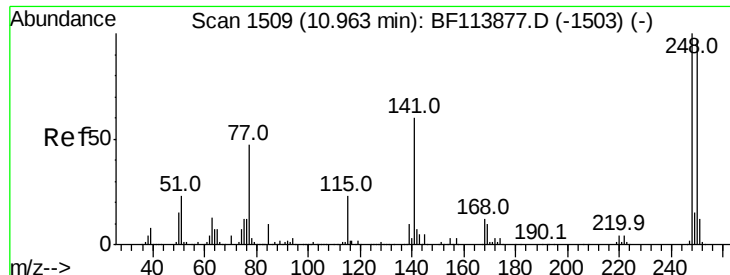
#66
n-Nitrosodiphenylamine
Concen: 0.550 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:169 Resp: 5692
Ion Ratio Lower Upper
169 100
168 68.6 54.3 81.5
167 37.6 29.4 44.0



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

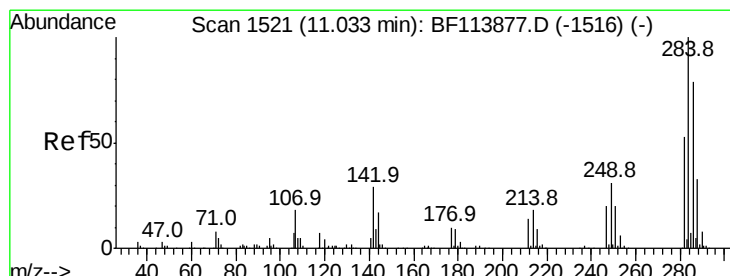
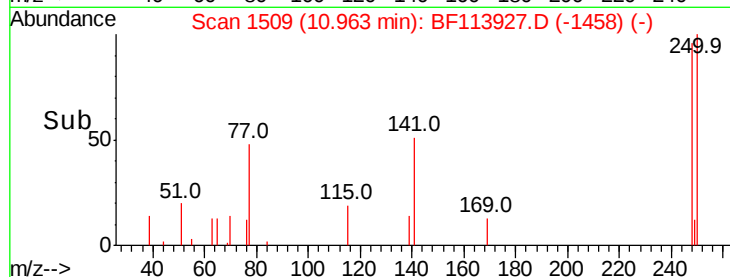
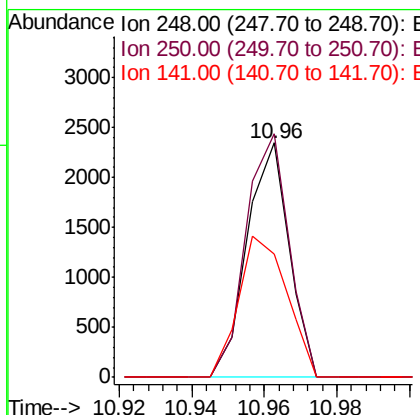
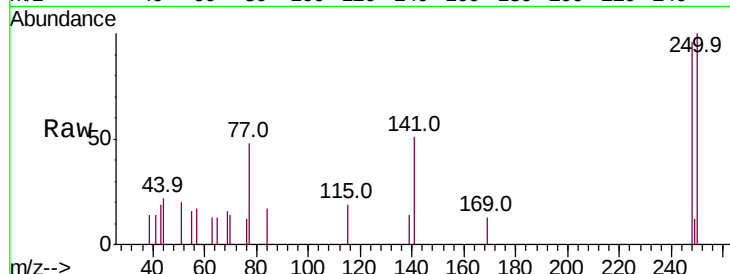




#67
 4-Bromophenyl-phenylether
 Concen: 0.452 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

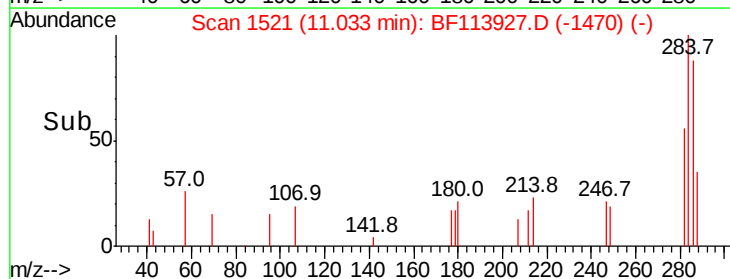
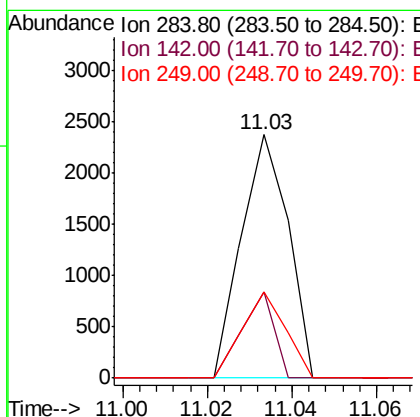
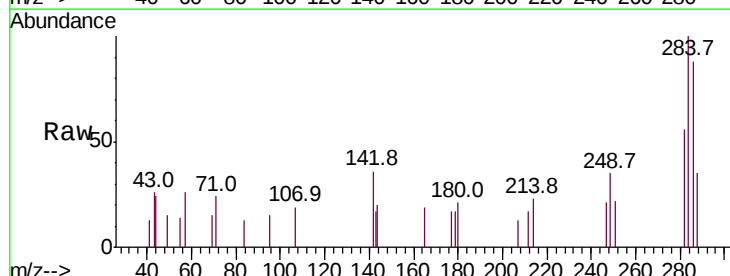
Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

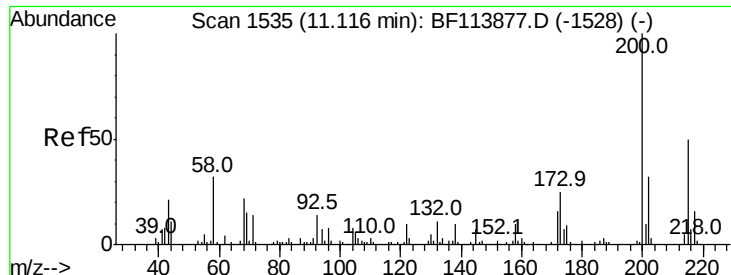
Tot Ion:248 Resp: 1884
 Ion Ratio Lower Upper
 248 100
 250 103.8 75.8 113.6
 141 52.6 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 0.400 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion:284 Resp: 1832
 Ion Ratio Lower Upper
 284 100
 142 35.6 23.0 34.4#
 249 35.4 24.4 36.6

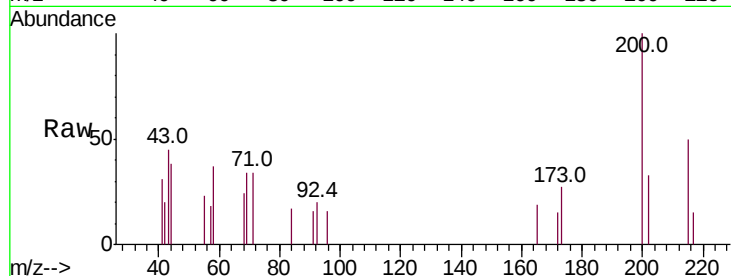




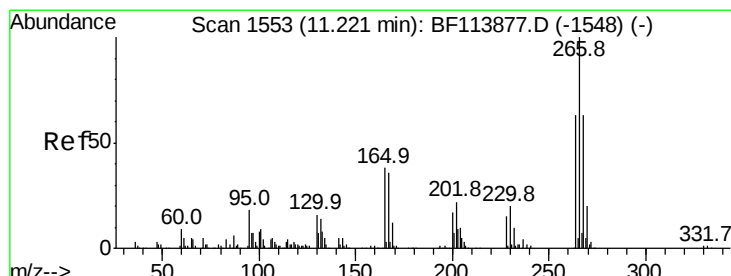
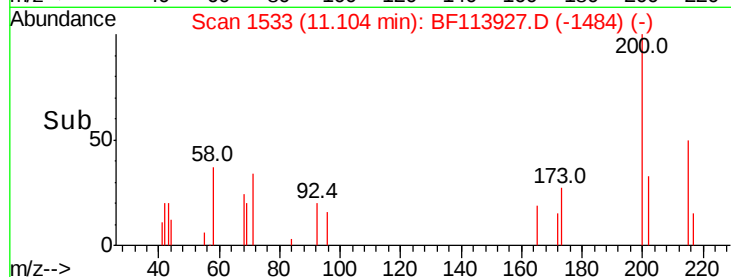
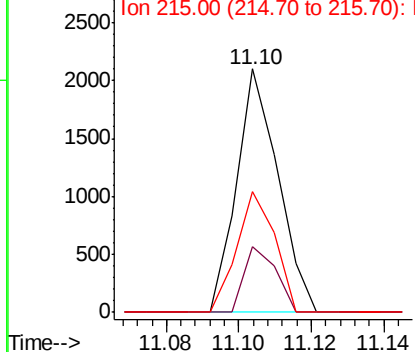
#69
Atrazine
Concen: 0.495 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion:200 Resp: 1666
Ion Ratio Lower Upper
200 100
173 26.9 5.9 45.9
215 49.7 29.3 69.3

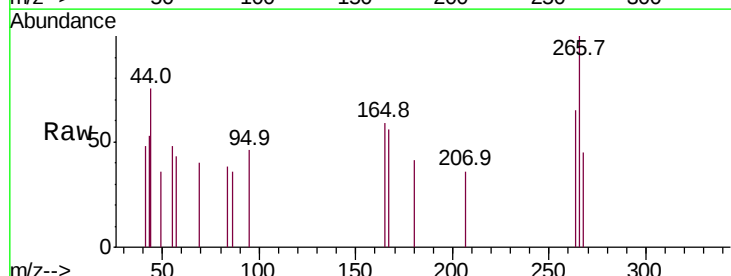


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

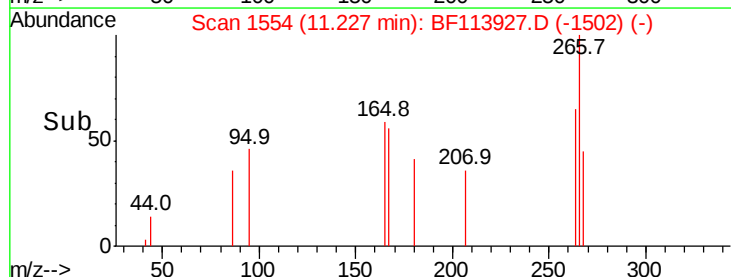
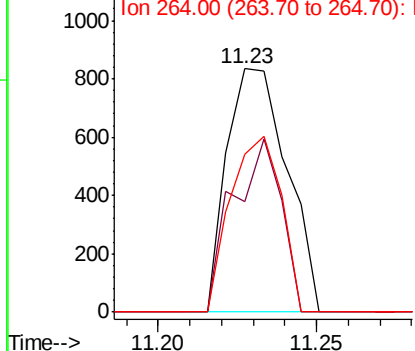


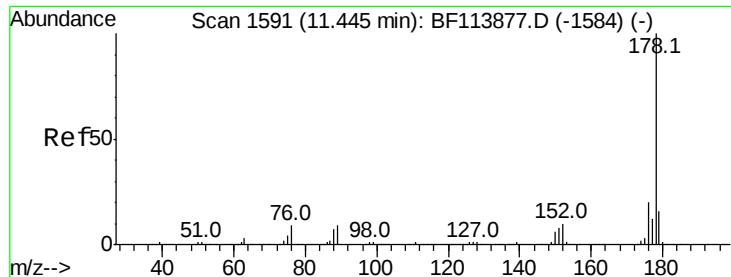
#70
Pentachlorophenol
Concen: 0.423 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:266 Resp: 1097
Ion Ratio Lower Upper
266 100
268 45.3 53.5 80.3#
264 64.7 51.0 76.6



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: 2.097 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

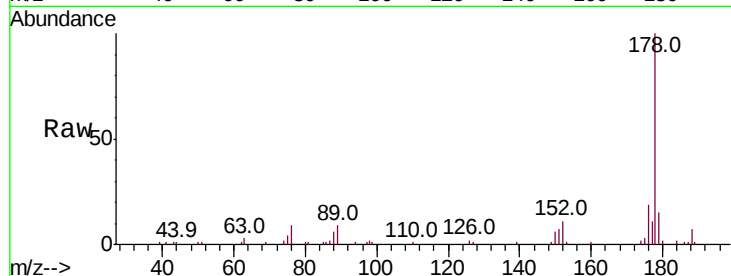
Tot Ion:178 Resp: 36375

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

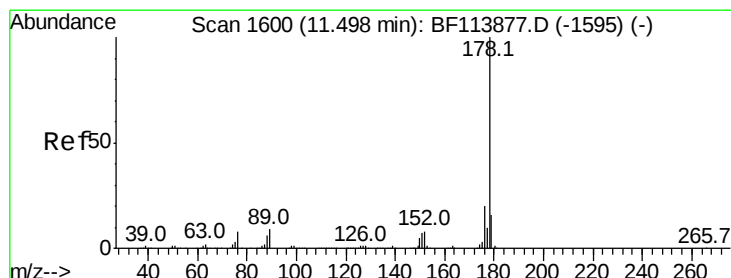
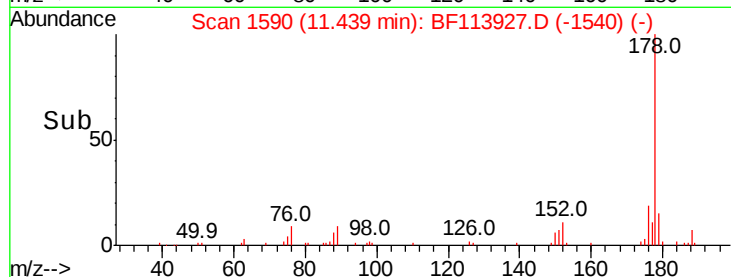
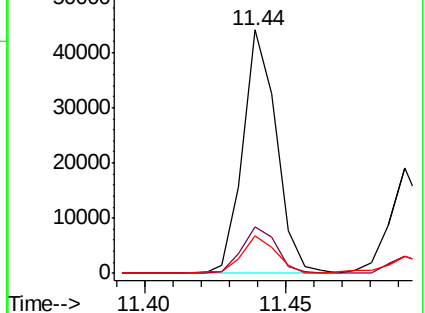
179 15.3 12.8 19.2



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



#72

Anthracene

Concen: 0.960 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

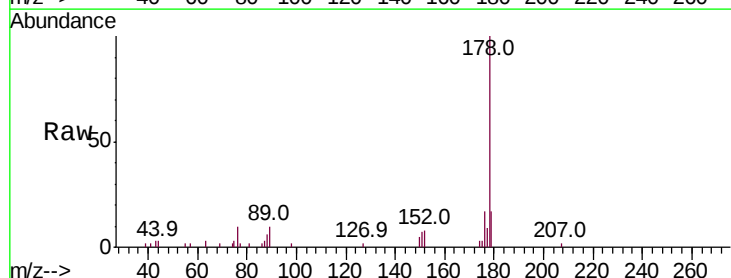
Tgt Ion:178 Resp: 16815

Ion Ratio Lower Upper

178 100

176 16.8 15.7 23.5

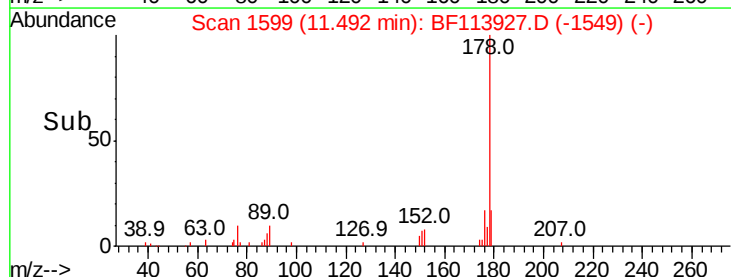
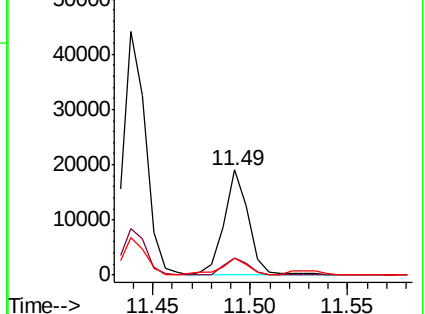
179 16.5 13.0 19.4

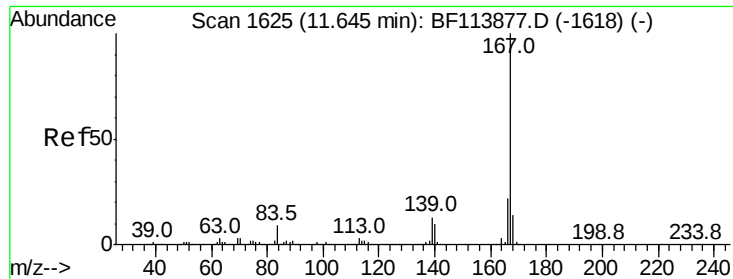


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

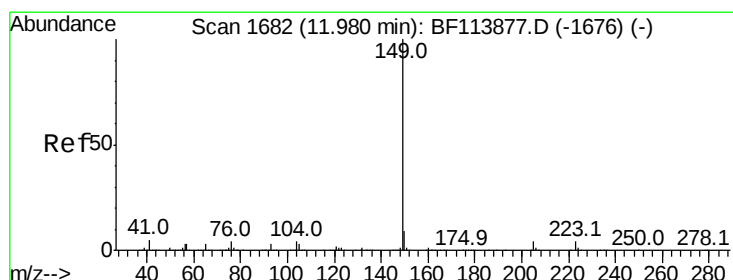
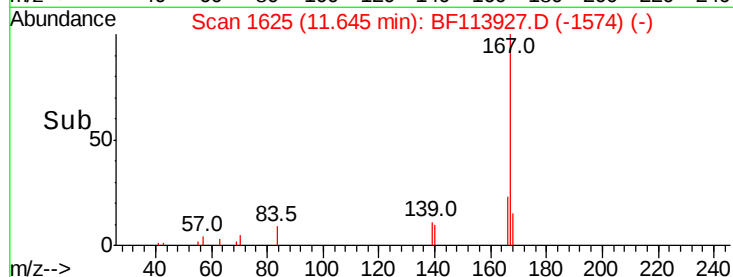
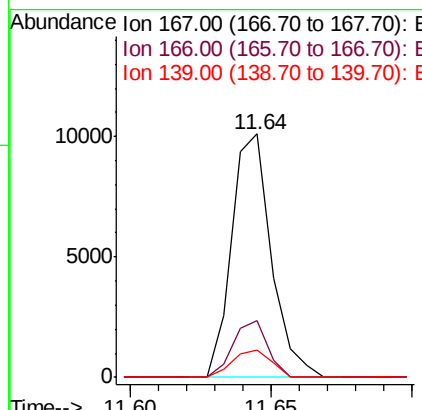
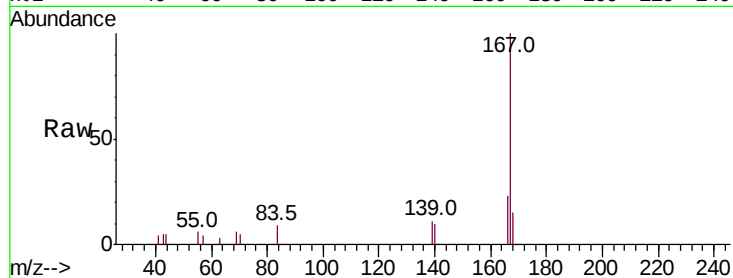




#73
 Carbazole
 Concen: 0.627 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

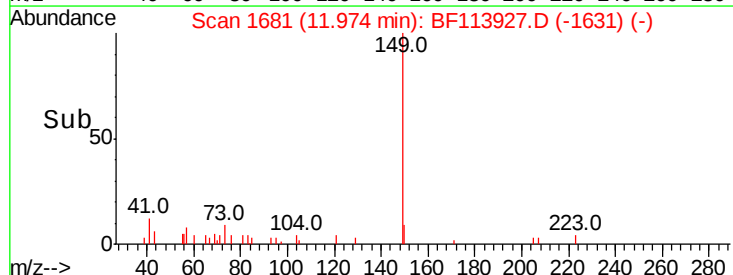
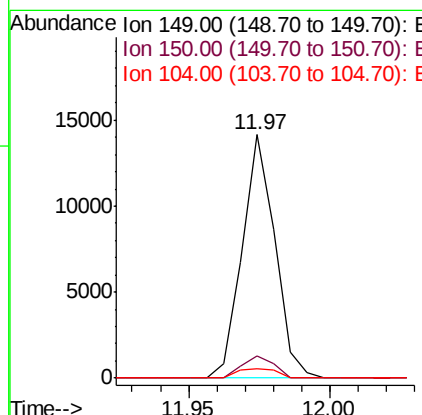
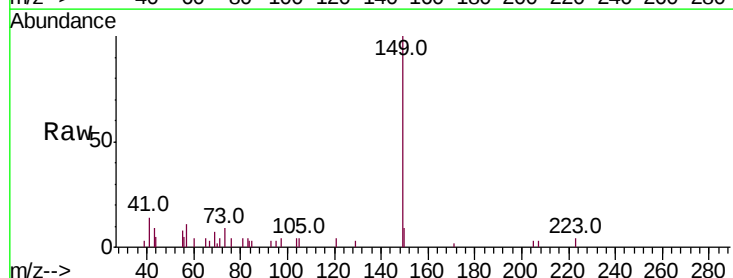
Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

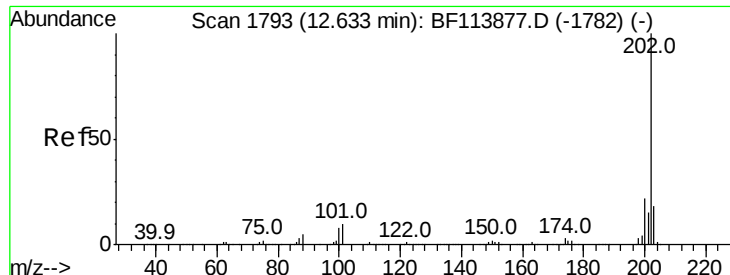
Tot Ion:167 Resp: 9801
 Ion Ratio Lower Upper
 167 100
 166 23.4 17.7 26.5
 139 11.4 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 0.617 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion:149 Resp: 11340
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.8
 104 3.9 3.8 5.8





#75

Fluoranthene

Concen: 3.285 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

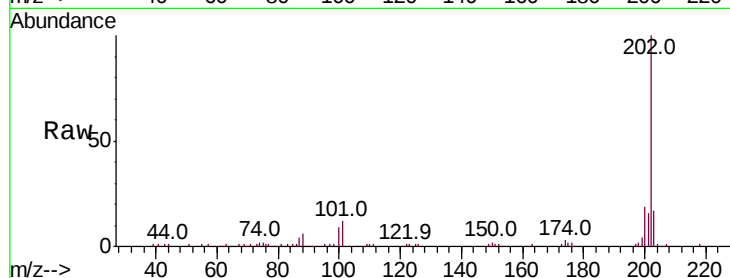
Tot Ion:202 Resp: 62150

Ion Ratio Lower Upper

202 100

101 11.8 0.0 32.9

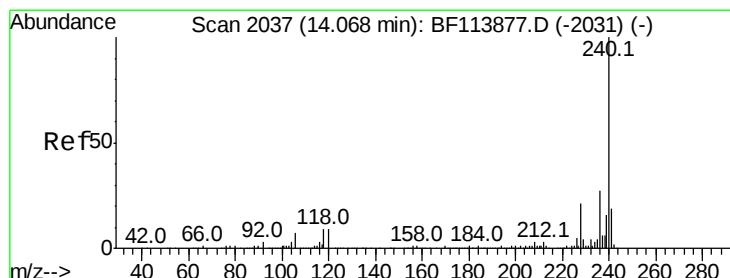
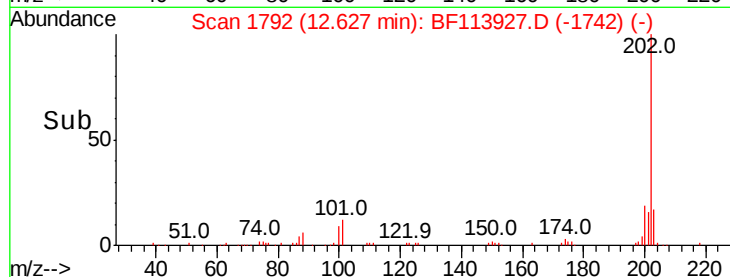
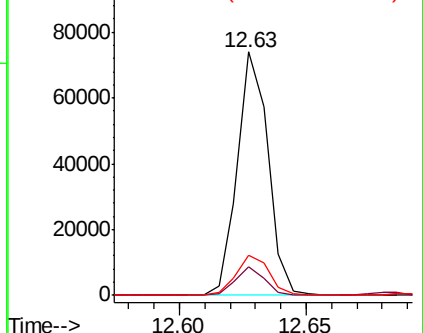
203 16.6 0.0 38.2



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: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

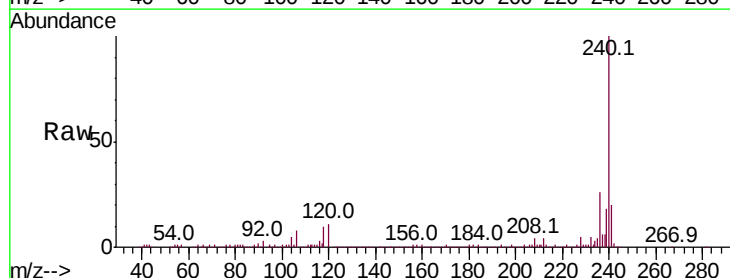
Tgt Ion:240 Resp: 361349

Ion Ratio Lower Upper

240 100

120 11.4 9.3 13.9

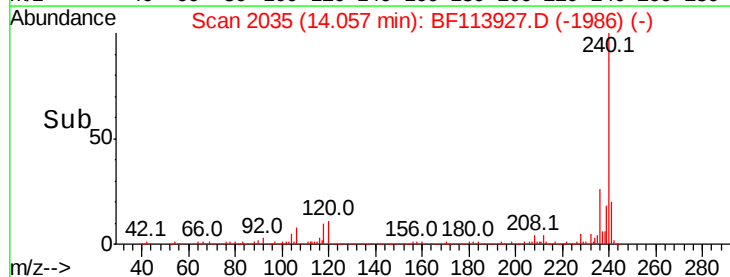
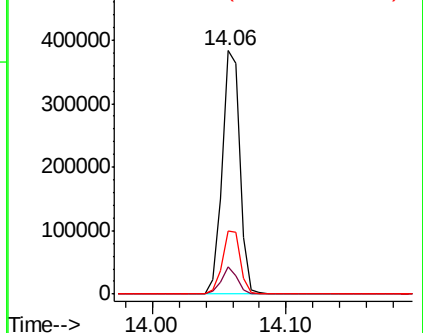
236 25.8 21.2 31.8

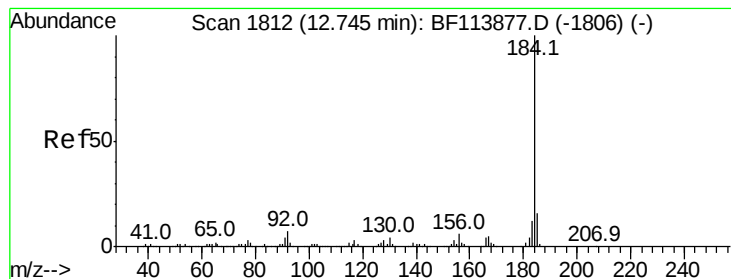


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.241 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.26 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

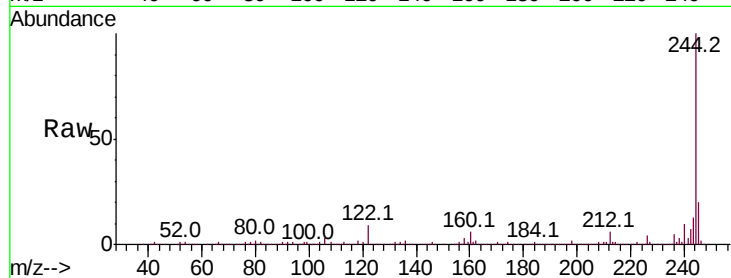
Tot Ion:184 Resp: 13362

Ion Ratio Lower Upper

184 100

185 15.4 13.0 19.6

183 10.3 9.4 14.0

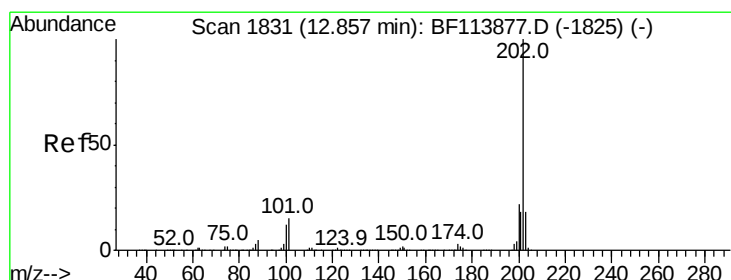
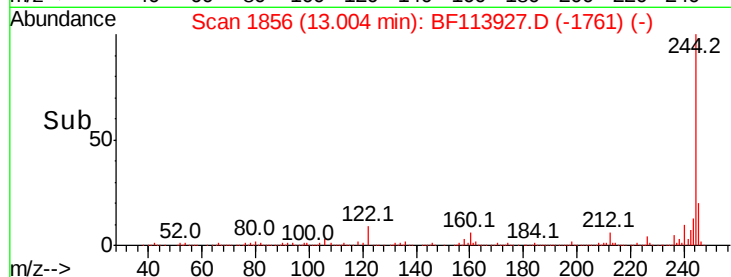
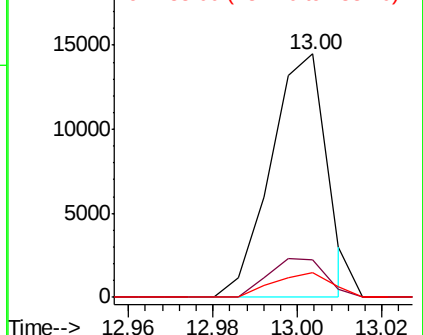


Abundance

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: 2.273 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

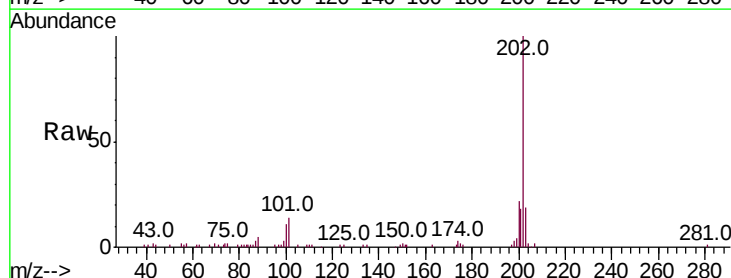
Tgt Ion:202 Resp: 57440

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

203 19.2 15.0 22.6

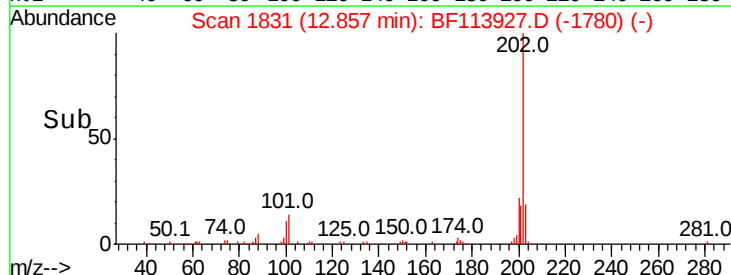
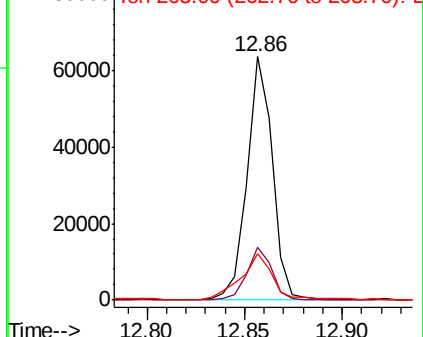


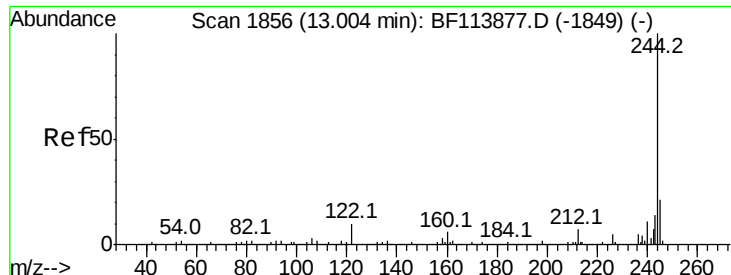
Abundance

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: 67.957 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

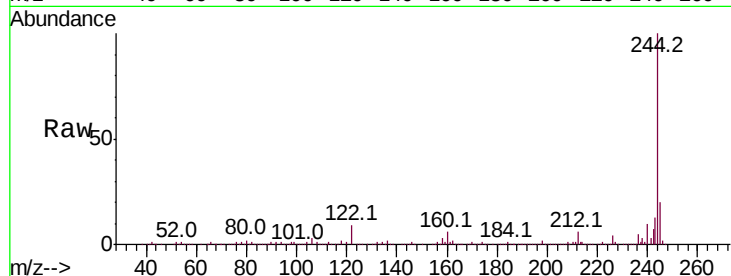
Tot Ion:244 Resp: 1197783

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

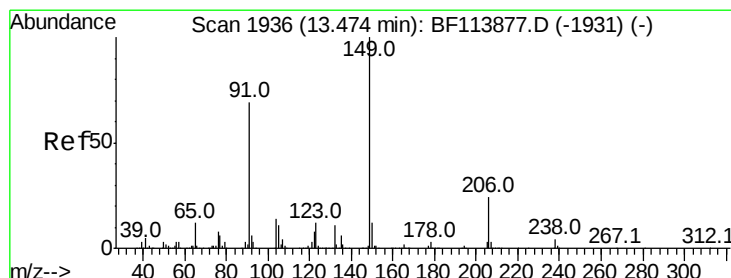
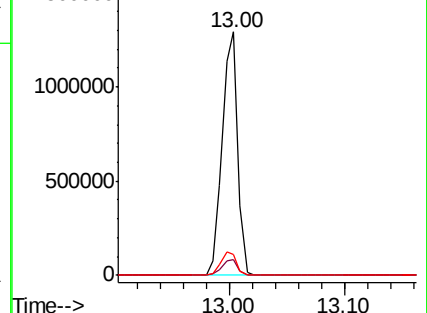
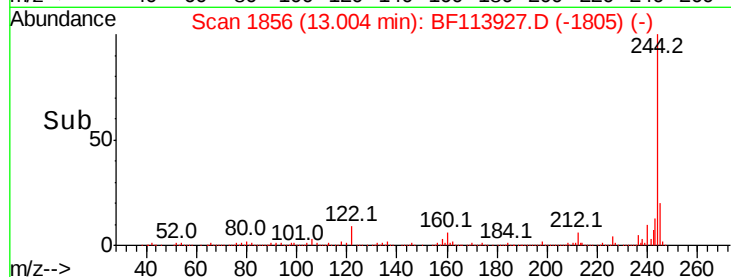
122 8.8 7.6 11.4



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: 0.596 ng

RT: 13.47 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

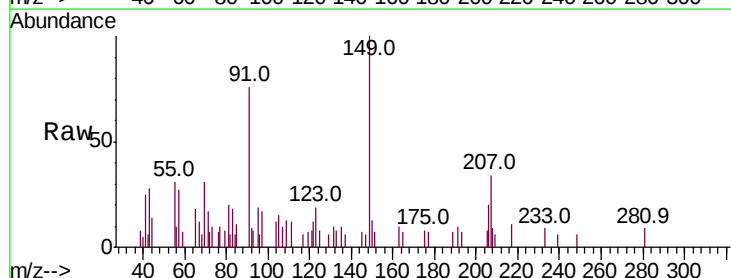
Tgt Ion:149 Resp: 5929

Ion Ratio Lower Upper

149 100

91 75.5 56.3 84.5

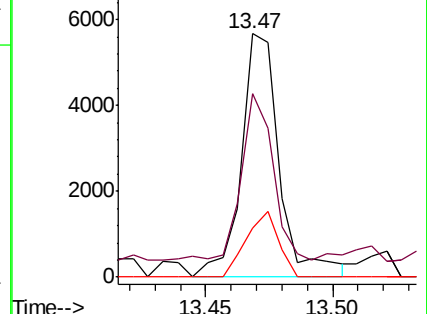
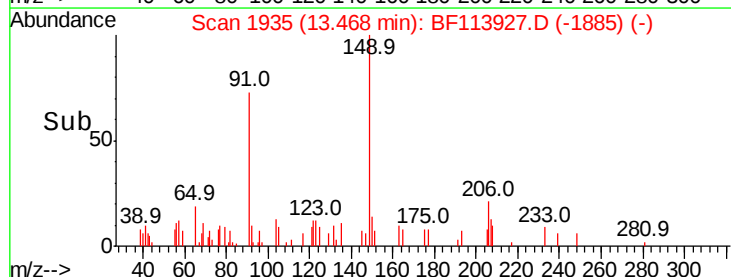
206 20.0 19.0 28.6

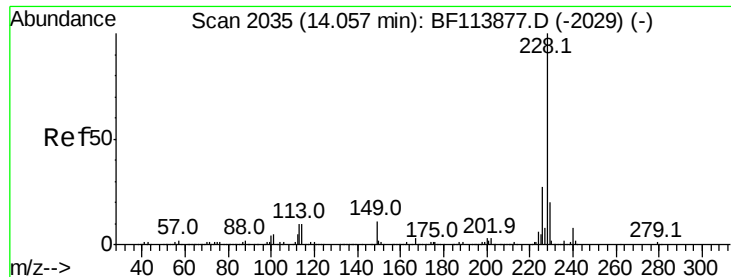


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 1.929 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

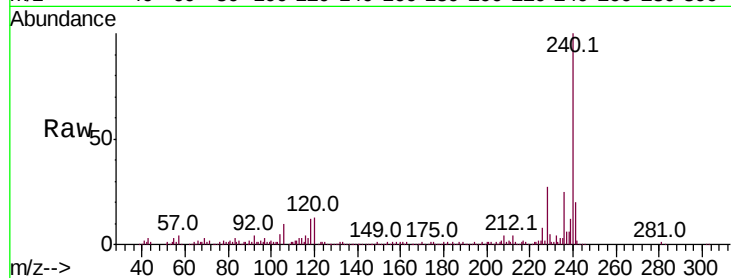
Tot Ion:228 Resp: 41062

Ion Ratio Lower Upper

228 100

226 29.7 22.2 33.2

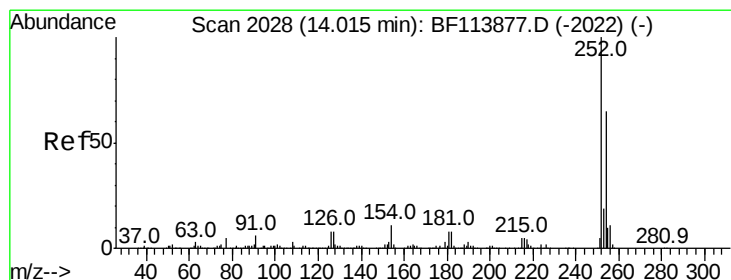
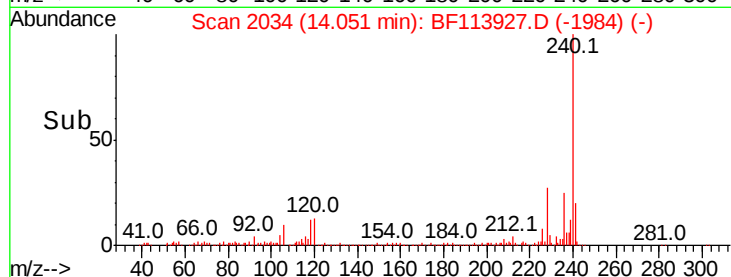
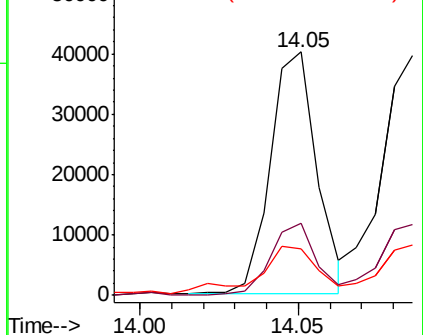
229 19.2 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.400 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

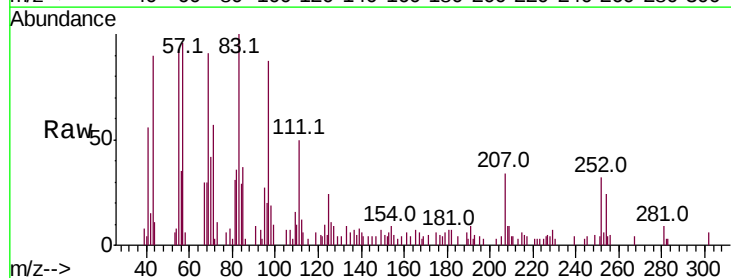
Tgt Ion:252 Resp: 3119

Ion Ratio Lower Upper

252 100

254 73.4 52.1 78.1

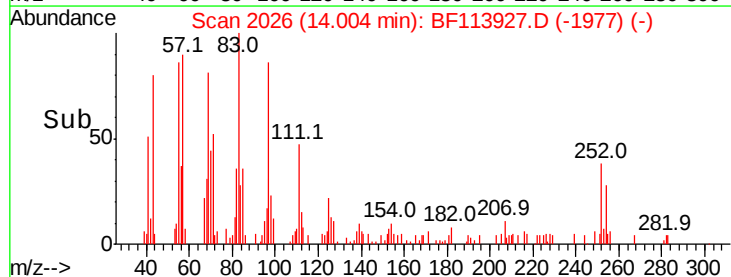
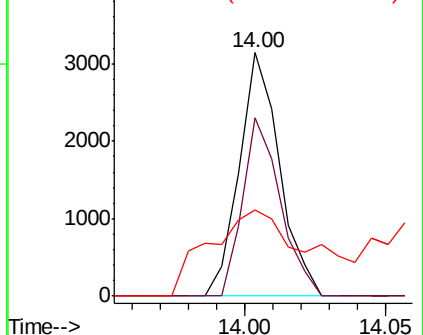
126 35.3 9.3 13.9#

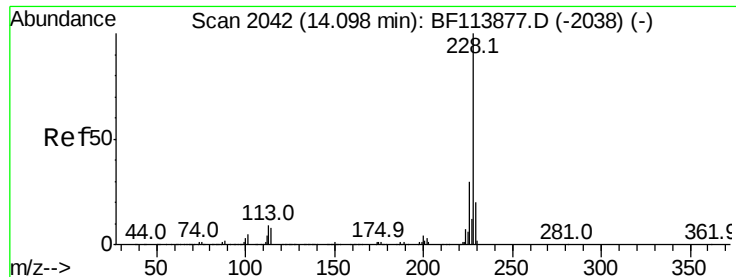


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 1.922 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

Instrument :

BNA_F

ClientSampleId :

SP-WOODBURYMS

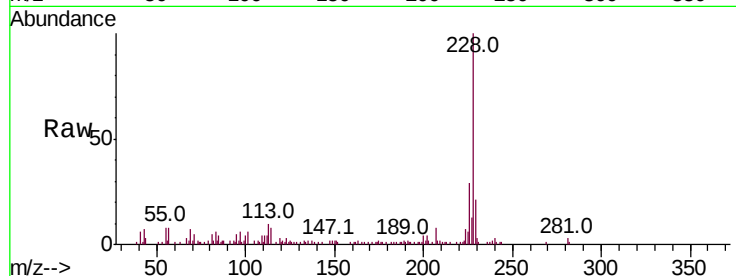
Tot Ion:228 Resp: 39850

Ion Ratio Lower Upper

228 100

226 29.4 25.2 37.8

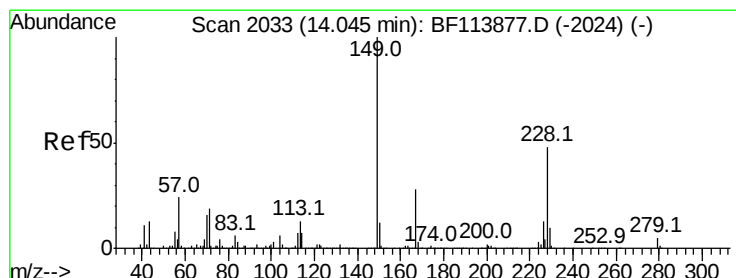
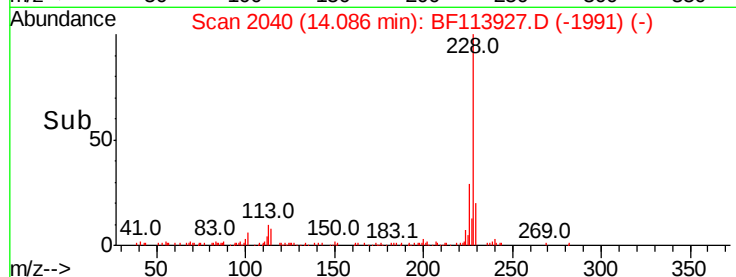
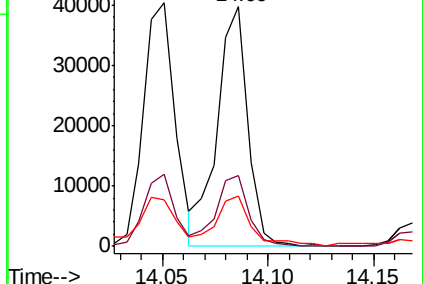
229 20.9 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.703 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113927.D

Acq: 23 Apr 2019 18:19

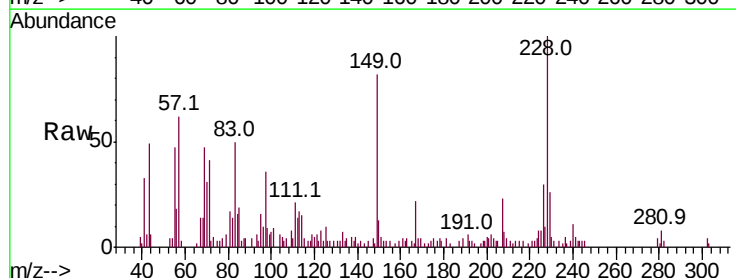
Tgt Ion:149 Resp: 8892

Ion Ratio Lower Upper

149 100

167 27.0 22.9 34.3

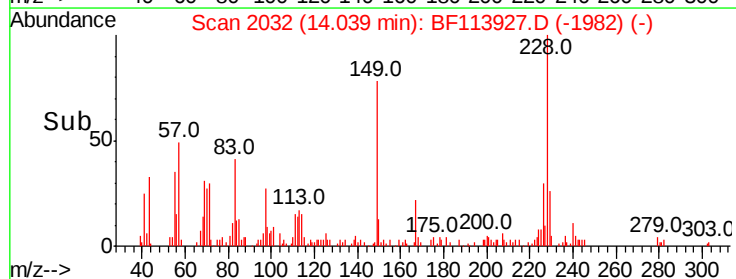
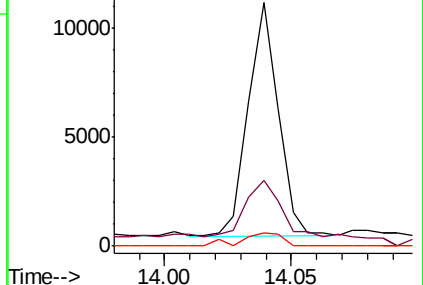
279 5.5 4.2 6.2

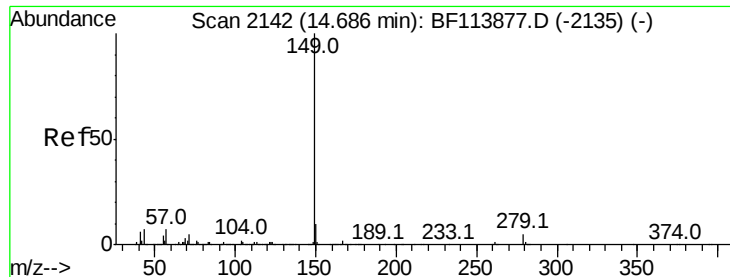


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

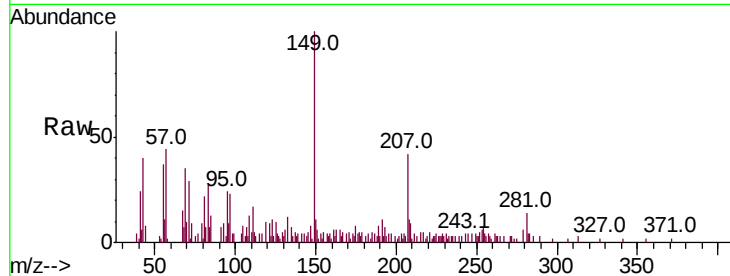




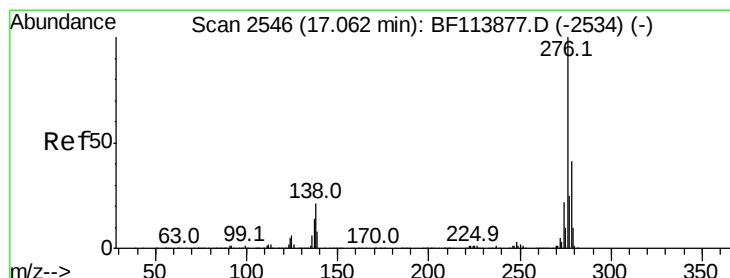
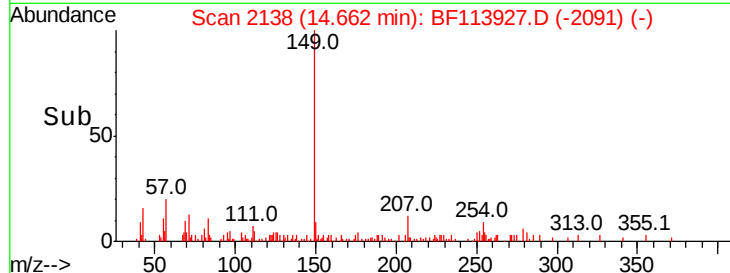
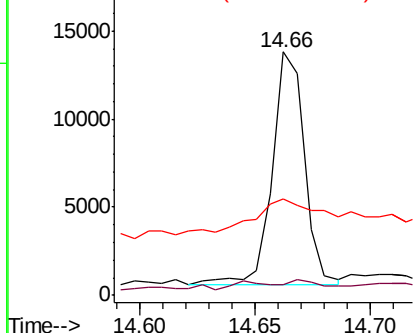
#85
Di-n-octyl phthalate
Concen: 0.639 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	2.2	1.3	1.9#
43	53.8	6.6	10.0#

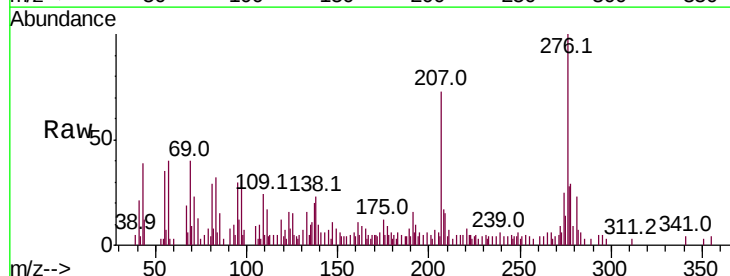


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

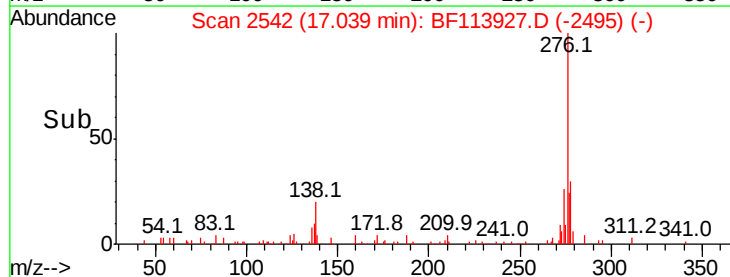
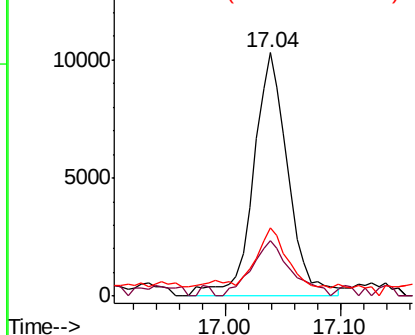


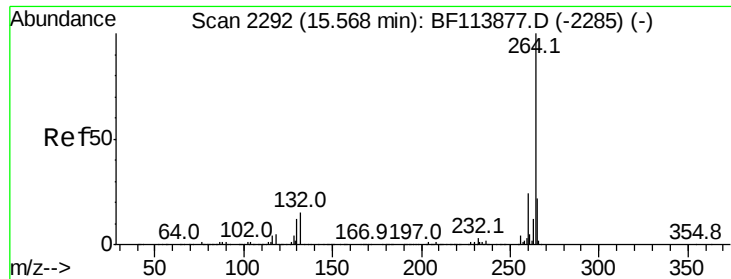
#86
Indeno(1,2,3-cd)pyrene
Concen: 1.099 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.02 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.6	29.4
277	21.8	20.2	30.4



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

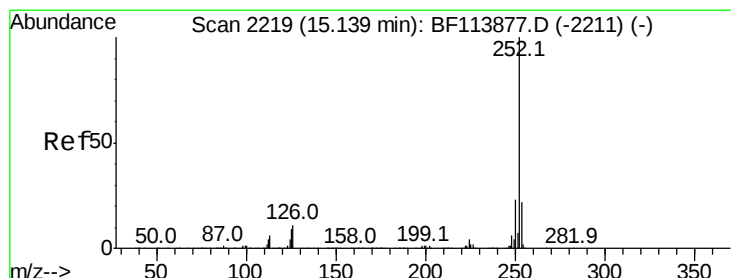
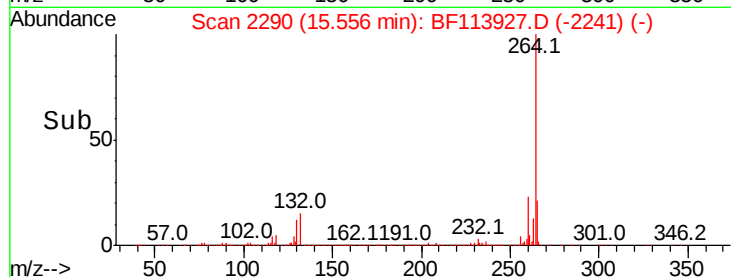
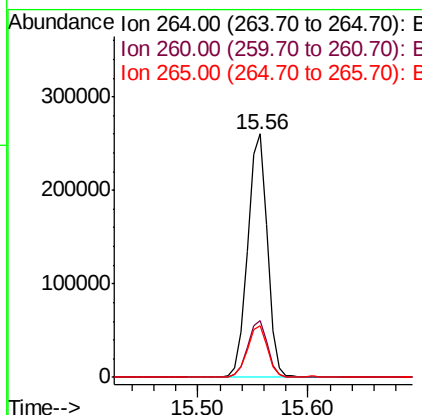
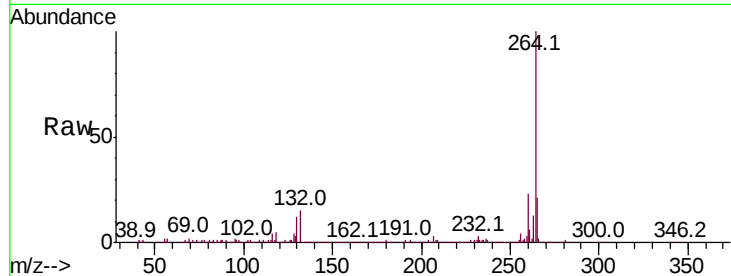




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

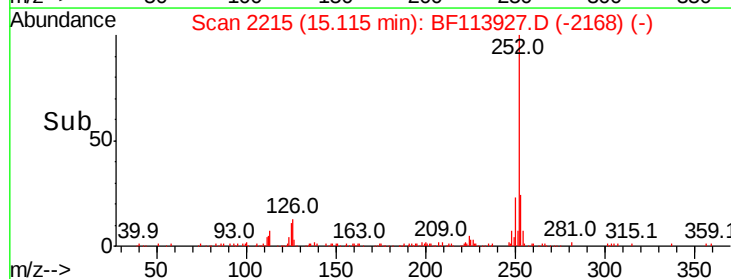
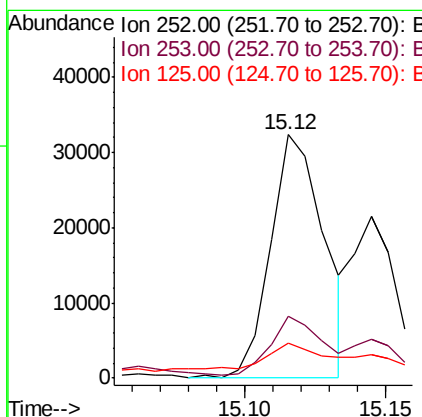
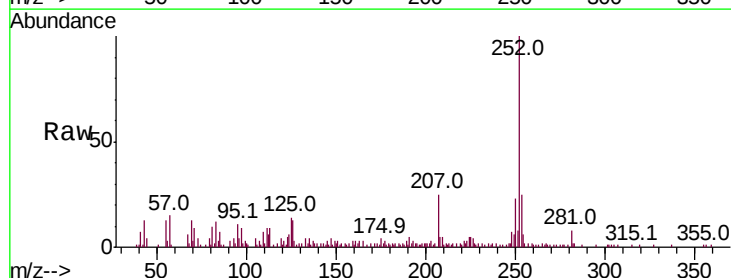
Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

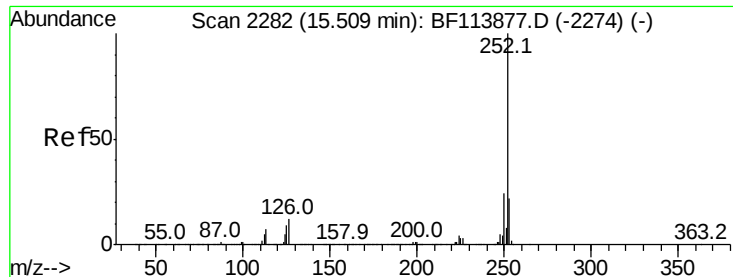
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.1	17.3	25.9



#88
 Benzo(b)fluoranthene
 Concen: 2.053 ng
 RT: 15.12 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	14.1	7.0	10.6

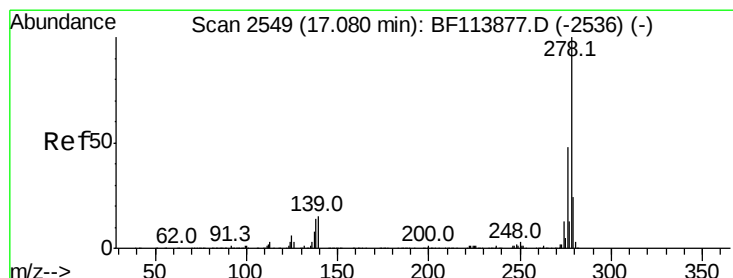
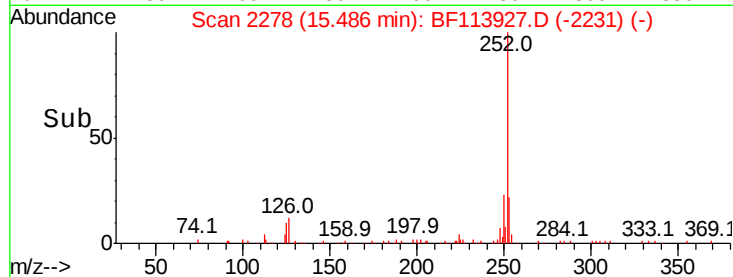
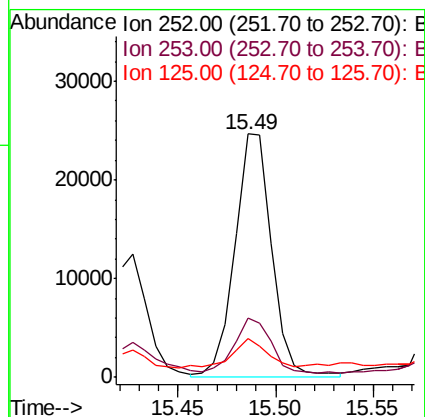
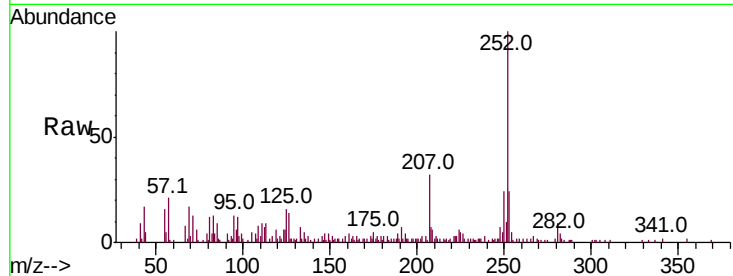




#90
Benzo(a)pyrene
Concen: 1.812 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

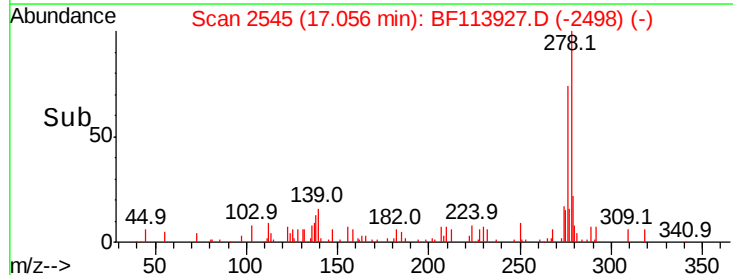
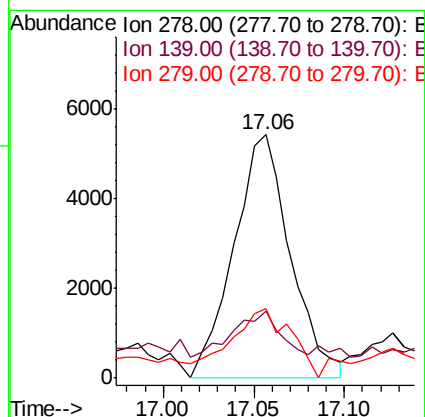
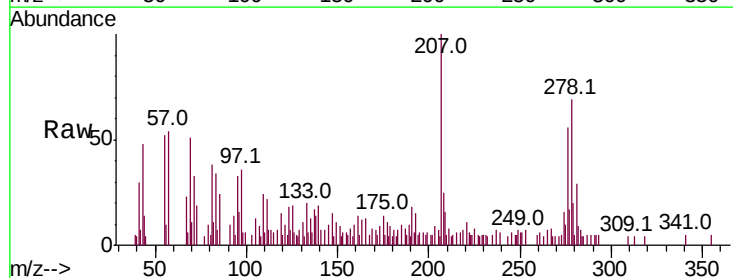
Instrument :
BNA_F
ClientSampleId :
SP-WOODBURYMS

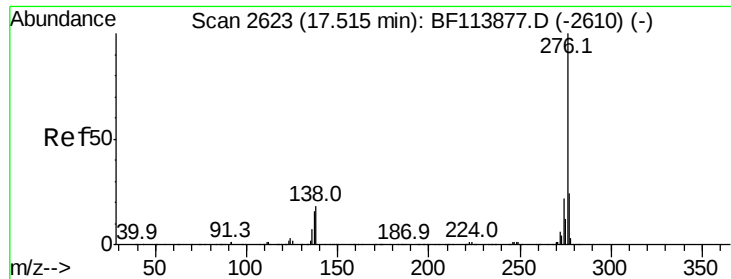
Tot Ion:252 Resp: 32483
Ion Ratio Lower Upper
252 100
253 24.1 17.5 26.3
125 16.0 8.5 12.7#



#91
Dibenzo(a,h)anthracene
Concen: 0.700 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF113927.D
Acq: 23 Apr 2019 18:19

Tgt Ion:278 Resp: 11782
Ion Ratio Lower Upper
278 100
139 27.7 11.6 17.4#
279 28.8 19.0 28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 1.088 ng
 RT: 17.49 min Scan# 2618
 Delta R.T. -0.03 min
 Lab File: BF113927.D
 Acq: 23 Apr 2019 18:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-WOODBURYMS

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.0	28.4
138	22.3	16.6	25.0

