

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097919.D
 Acq On : 21 Aug 2017 21:43
 Operator : SJ/JU
 Sample : I4820-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

Quant Time: Aug 22 04:03:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	112883	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	445579	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	182163	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	298334	20.00	ng	0.00
75) Chrysene-d12	13.90	240	223292	20.00	ng	0.00
86) Perylene-d12	15.32	264	173856	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	927976	125.04	ng	0.02
7) Phenol-d6	6.39	99	1274982	126.44	ng	0.00
23) Nitrobenzene-d5	7.32	82	780908	95.21	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	183946	116.38	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	949349	76.57	ng	0.00
78) Terphenyl-d14	12.85	244	588910	55.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	148073	35.78	ng	90
3) Pyridine	3.20	79	428578	37.46	ng	86
4) n-Nitrosodimethylamine	3.15	42	169090	38.41	ng	# 77
6) Aniline	6.42	93	383866	27.10	ng	# 87
8) 2-Chlorophenol	6.54	128	319703	40.85	ng	96
9) Benzaldehyde	6.30	77	228164	35.72	ng	87
10) Phenol	6.41	94	470144	39.87	ng	98
11) bis(2-Chloroethyl)ether	6.49	93	362750	40.75	ng	95
12) 1,3-Dichlorobenzene	6.69	146	316194	37.56	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	320726	37.46	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	300600	38.08	ng	99
15) Benzyl Alcohol	6.90	79	313220	41.49	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.03	45	448711	37.47	ng	90
17) 2-Methylphenol	7.01	107	287533	41.69	ng	95
18) Hexachloroethane	7.26	117	109746	32.69	ng	# 80
19) n-Nitroso-di-n-propylamine	7.17	70	252204	36.54	ng	91
20) 3+4-Methylphenols	7.16	107	339061	40.25	ng	90
22) Acetophenone	7.16	105	453393	38.52	ng	# 91
24) Nitrobenzene	7.33	77	398495	43.63	ng	91
25) Isophorone	7.57	82	700823	41.09	ng	96
26) 2-Nitrophenol	7.65	139	135102	41.62	ng	# 79
27) 2,4-Dimethylphenol	7.69	122	288918	40.62	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	436175	38.90	ng	98
29) 2,4-Dichlorophenol	7.89	162	242327	41.04	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	245550	37.51	ng	99
31) Naphthalene	8.06	128	922098	39.86	ng	100
32) Benzoic acid	7.82	122	200113	39.87	ng	95
33) 4-Chloroaniline	8.10	127	182423	18.70	ng	97
34) Hexachlorobutadiene	8.17	225	139315	36.45	ng	98
35) Caprolactam	8.47	113	82183	40.94	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	289573	38.17	ng	# 79
37) 2-Methylnaphthalene	8.75	142	578600	40.80	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	222639	39.82	ng	98
40) Hexachlorocyclopentadiene	8.90	237	58190	21.67	ng	99

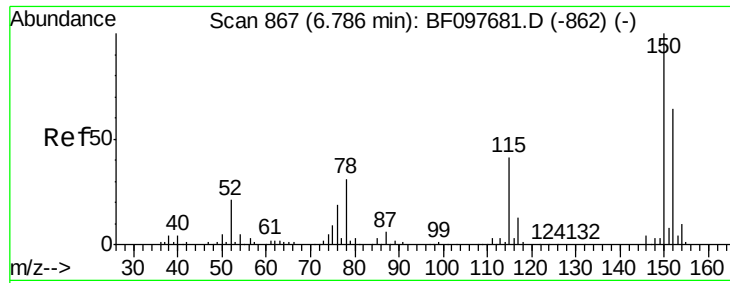
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	155170	41.34	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	159296	42.78	nq	97
45) 1,1'-Biphenyl	9.21	154	644204	38.78	nq	96
46) 2-Chloronaphthalene	9.23	162	468009	38.13	nq	# 90
47) 2-Nitroaniline	9.33	65	199574	48.50	nq	96
48) Acenaphthylene	9.65	152	755600	39.20	nq	99
49) Dimethylphthalate	9.52	163	669521	50.28	nq	99
50) 2,6-Dinitrotoluene	9.57	165	106547	40.09	nq	# 58
51) Acenaphthene	9.82	154	467291	38.44	nq	99
52) 3-Nitroaniline	9.74	138	109201	31.84	nq	88
53) 2,4-Dinitrophenol	9.85	184	11341	17.97	nq	# 80
54) Dibenzofuran	9.99	168	663287	40.71	nq	98
55) 4-Nitrophenol	9.90	139	197902	72.34	nq	# 33
56) 2,4-Dinitrotoluene	9.97	165	132803	39.81	nq	# 48
57) Fluorene	10.33	166	496761	39.44	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	119836	41.57	nq	94
59) Diethylphthalate	10.22	149	552483	39.68	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	215693	36.86	nq	90
61) 4-Nitroaniline	10.35	138	124085	38.07	nq	# 67
62) Azobenzene	10.49	77	632977	38.27	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	9078	13.66	nq	93
65) n-Nitrosodiphenylamine	10.45	169	430386	42.36	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	129204	41.71	nq	99
67) Hexachlorobenzene	10.88	284	120905	38.29	nq	# 85
68) Atrazine	10.97	200	112057	41.59	nq	98
69) Pentachlorophenol	11.07	266	136738	74.27	nq	98
70) Phenanthrene	11.30	178	905689	56.97	nq	100
71) Anthracene	11.35	178	718680	44.57	nq	100
72) Carbazole	11.50	167	610692	39.90	nq	99
73) Di-n-butylphthalate	11.84	149	758033	43.00	nq	99
74) Fluoranthene	12.48	202	1094255	65.95	nq	99
76) Benzidine	12.60	184	350171	47.83	nq	# 92
77) Pyrene	12.71	202	1107866	60.66	nq	100
79) Butylbenzylphthalate	13.33	149	301407	43.05	nq	# 79
80) Benzo(a)anthracene	13.90	228	738633	55.19	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	177733	39.36	nq	# 97
82) Chrysene	13.93	228	730065	54.84	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	443893	57.21	nq	# 98
84) Di-n-octyl phthalate	14.50	149	671425	49.73	nq	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	465599	47.54	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	673759	61.48	nq	99
88) Benzo(k)fluoranthene	15.20	252	139822	13.58	nq	99
89) Benzo(a)pyrene	15.27	252	573744	59.14	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	313763	39.73	nq	98
91) Benzo(g,h,i)perylene	17.13	276	399162	48.44	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.00 min

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E2-110-ESWMS

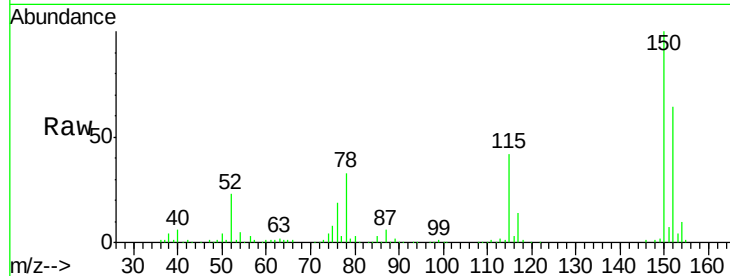
Tot Ion:152 Resp: 112883

Ion Ratio Lower Upper

152 100

150 156.5 126.2 189.2

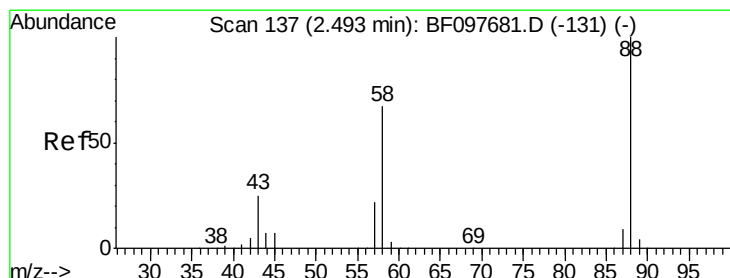
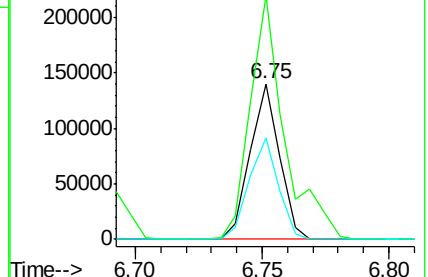
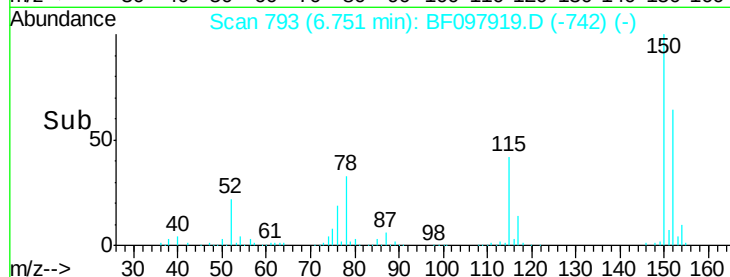
115 65.5 52.2 78.2



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: 35.78 ng

RT: 2.49 min Scan# 68

Delta R.T. 0.05 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

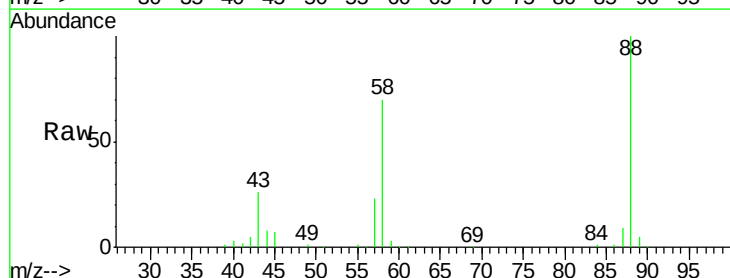
Tgt Ion: 88 Resp: 148073

Ion Ratio Lower Upper

88 100

58 67.3 61.4 92.0

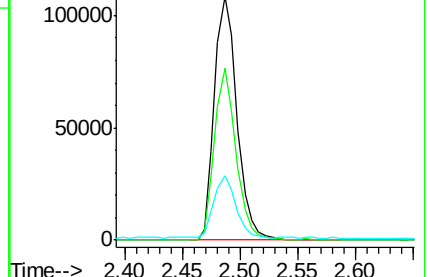
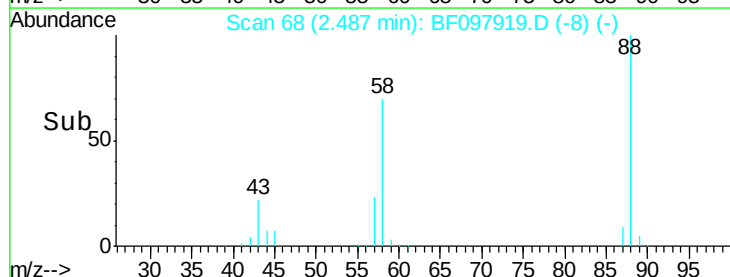
43 25.2 23.4 35.0

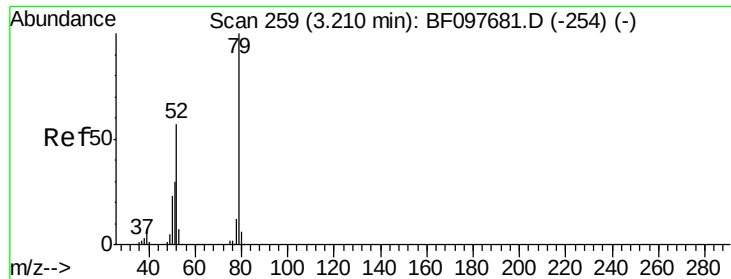


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.46 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.07 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-I10-ESWMS

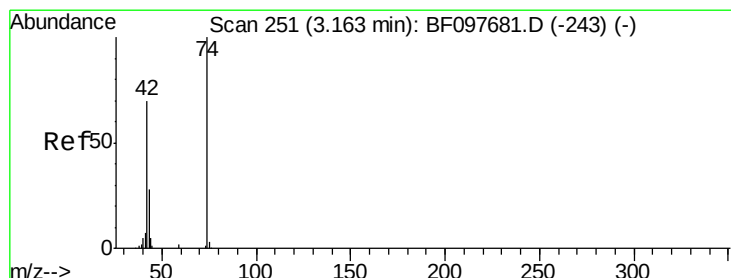
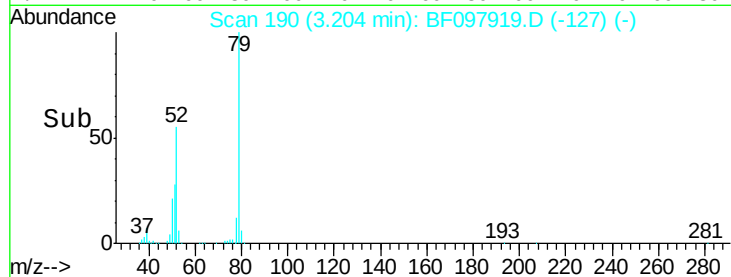
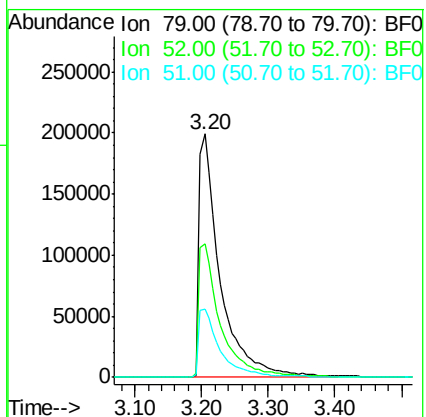
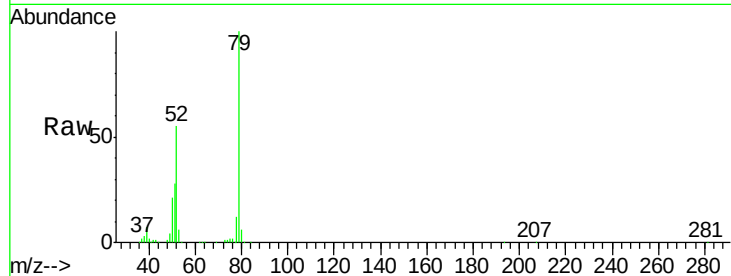
Tot Ion: 79 Resp: 428578

Ion Ratio Lower Upper

79 100

52 55.0 54.8 82.2

51 28.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 38.41 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.05 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

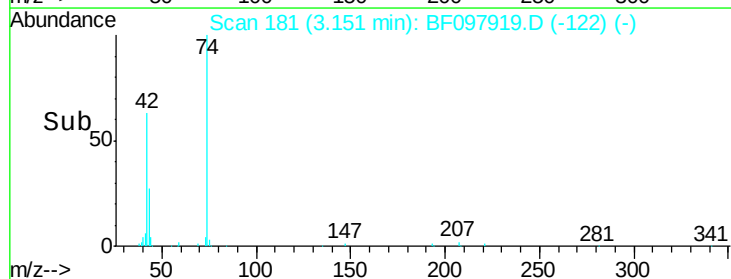
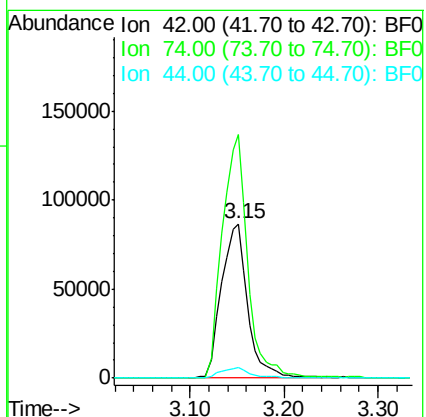
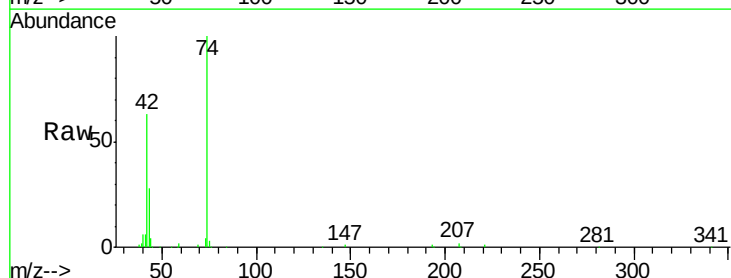
Tgt Ion: 42 Resp: 169090

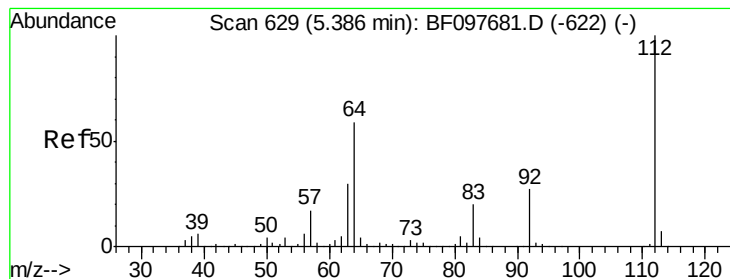
Ion Ratio Lower Upper

42 100

74 157.6 103.9 155.9#

44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 125.04 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

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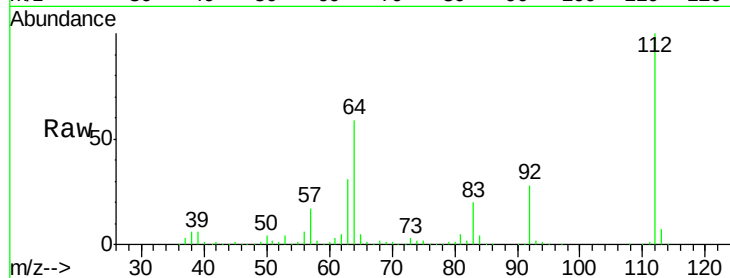
Tot Ion: 112 Resp: 927976

Ion Ratio Lower Upper

112 100

64 59.2 46.0 69.0

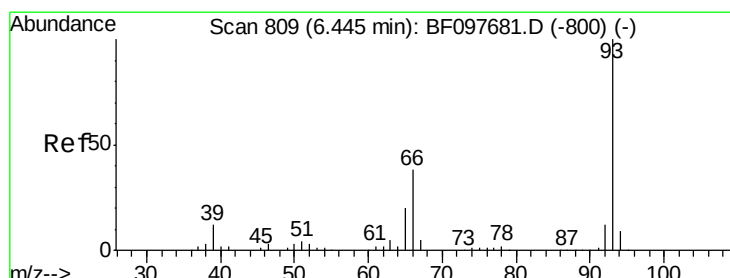
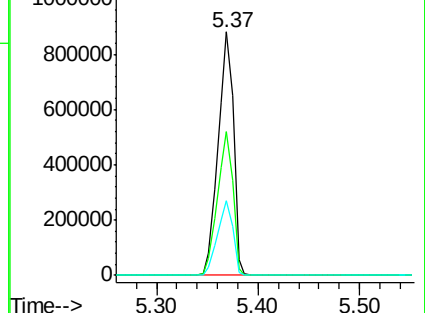
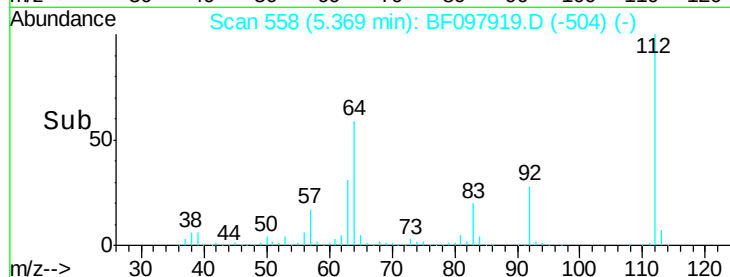
63 30.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.10 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

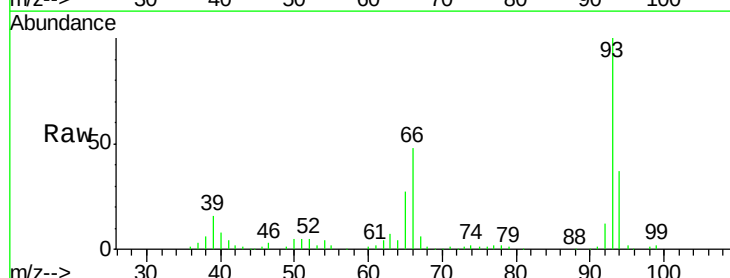
Tgt Ion: 93 Resp: 383866

Ion Ratio Lower Upper

93 100

66 48.1 32.9 49.3

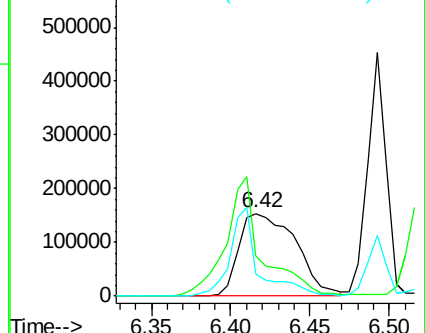
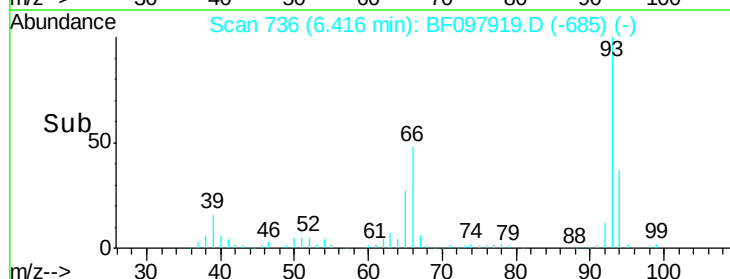
65 27.2 16.0 24.0#

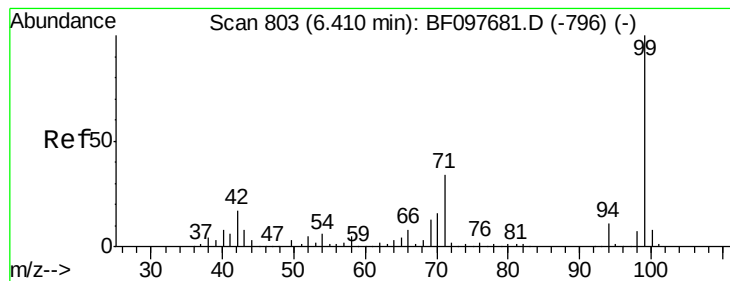


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.44 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097919.D

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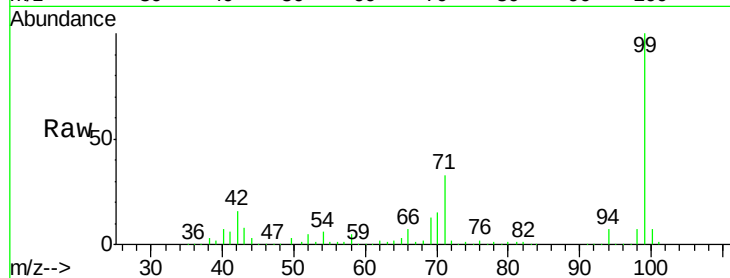
Tot Ion: 99 Resp: 1274982

Ion Ratio Lower Upper

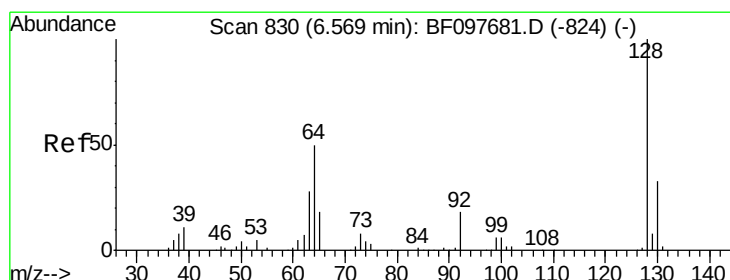
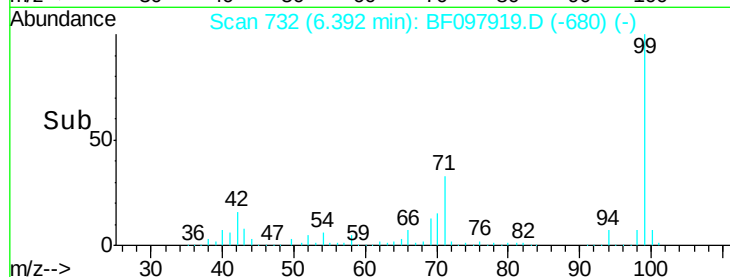
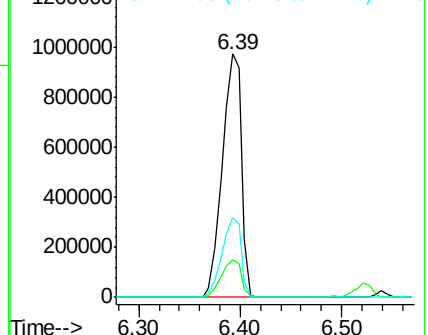
99 100

42 15.7 13.5 20.3

71 32.8 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.85 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

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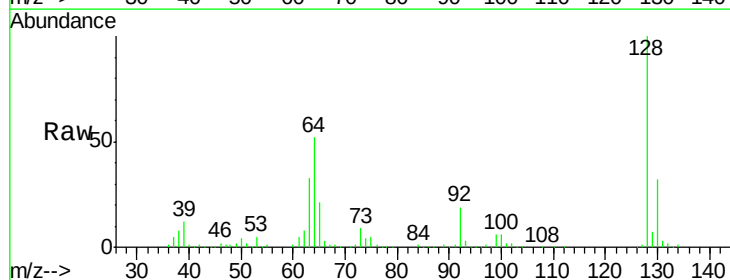
Tgt Ion:128 Resp: 319703

Ion Ratio Lower Upper

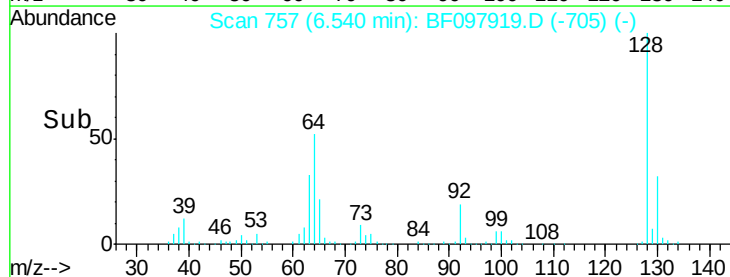
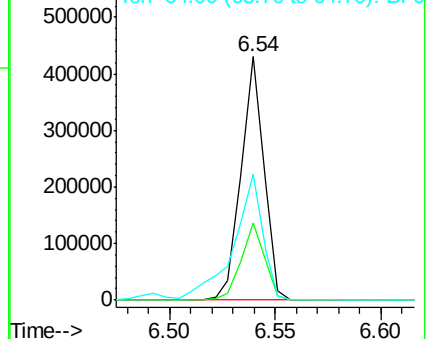
128 100

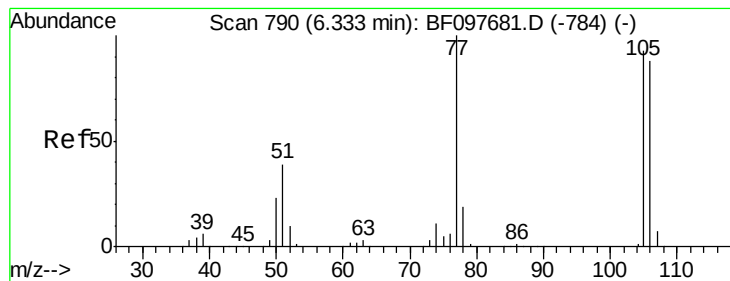
130 31.9 12.9 52.9

64 51.9 28.4 68.4



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): BF0





#9

Benzaldehyde

Concen: 35.72 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

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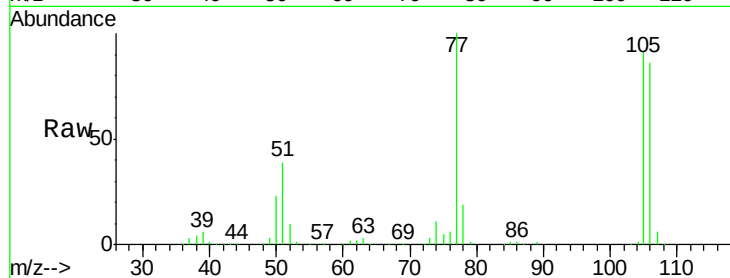
Tot Ion: 77 Resp: 228164

Ion Ratio Lower Upper

77 100

105 90.8 83.8 123.8

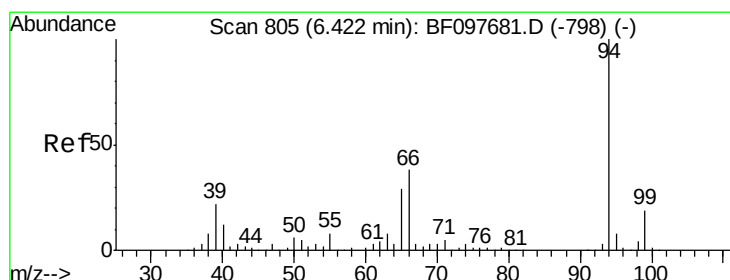
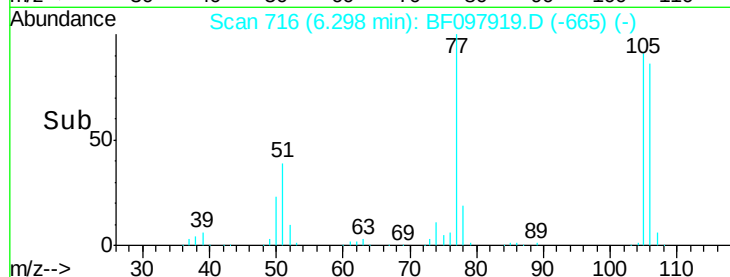
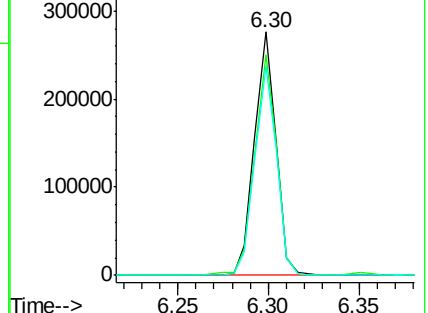
106 86.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.87 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

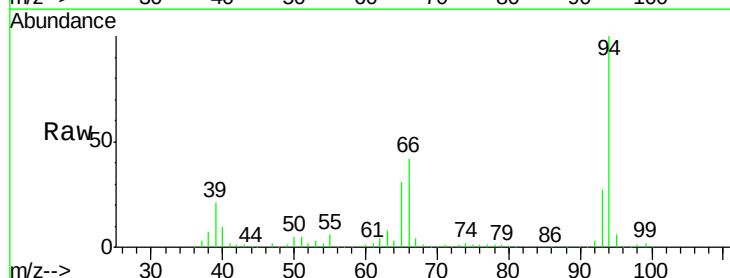
Tgt Ion: 94 Resp: 470144

Ion Ratio Lower Upper

94 100

65 30.9 9.9 49.9

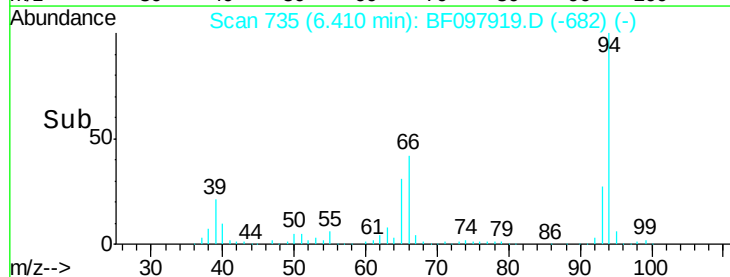
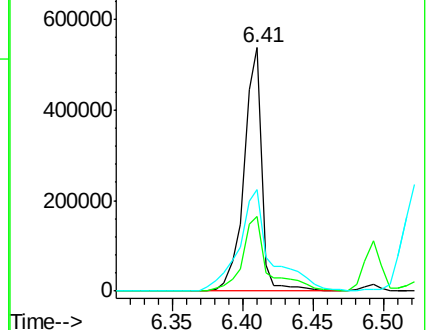
66 41.6 23.1 63.1

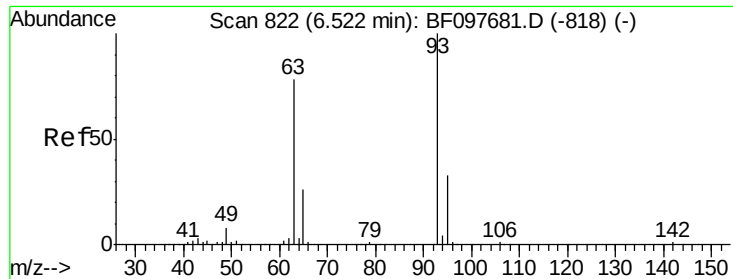


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

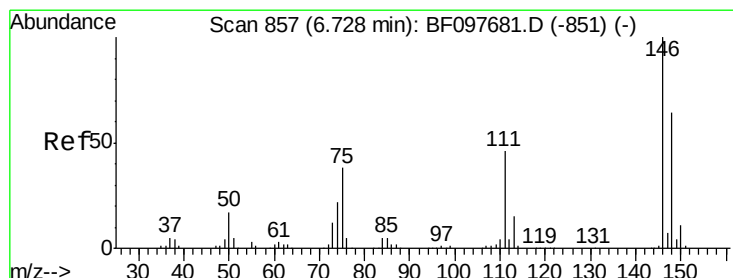
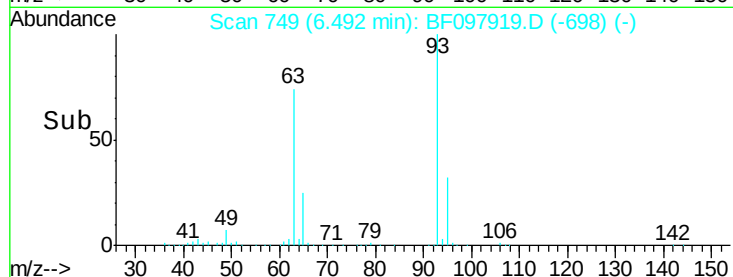
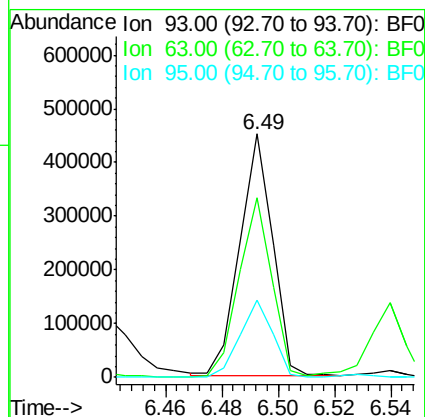
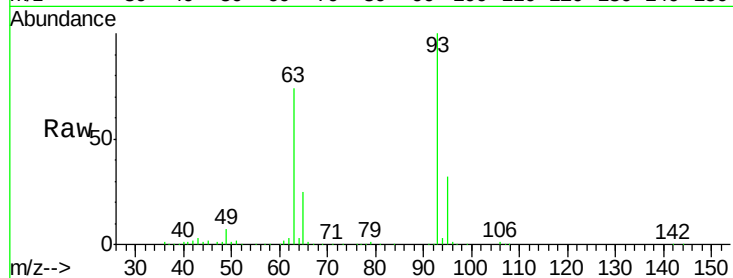




#11
bis(2-Chloroethyl)ether
Concen: 40.75 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

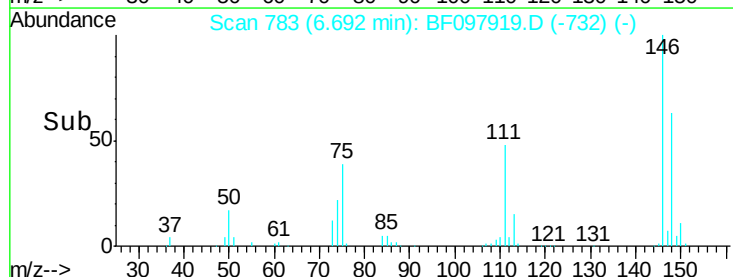
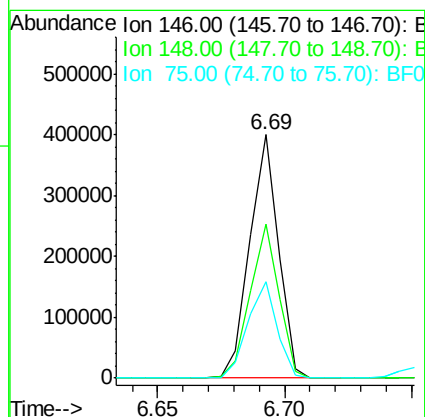
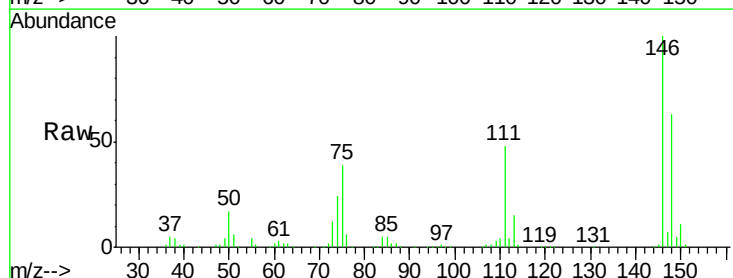
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

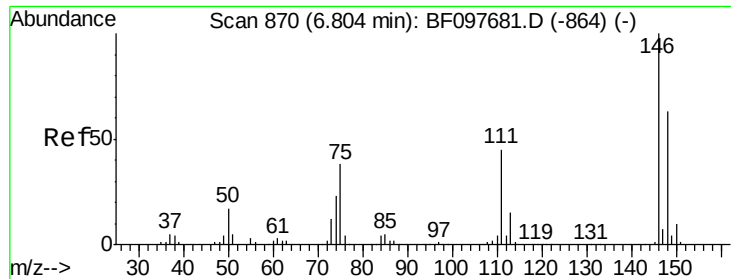
Tot Ion: 93 Resp: 362750
Ion Ratio Lower Upper
93 100
63 73.5 59.2 99.2
95 31.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.56 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion: 146 Resp: 316194
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
75 39.4 23.1 34.7#

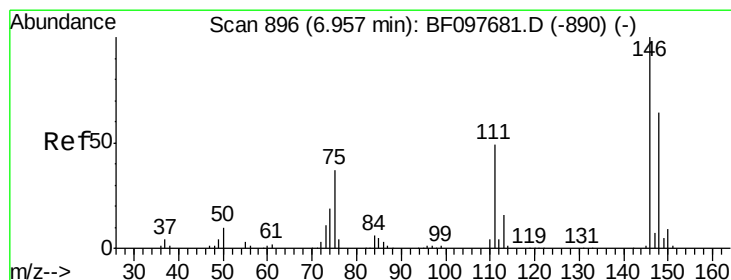
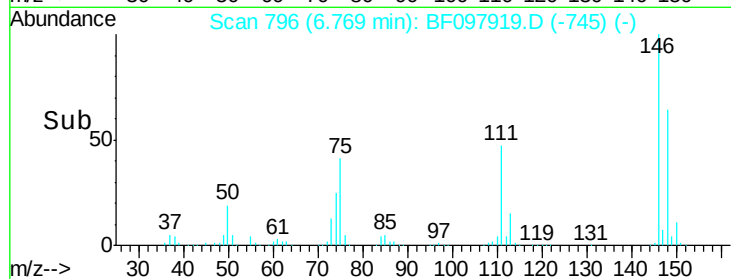
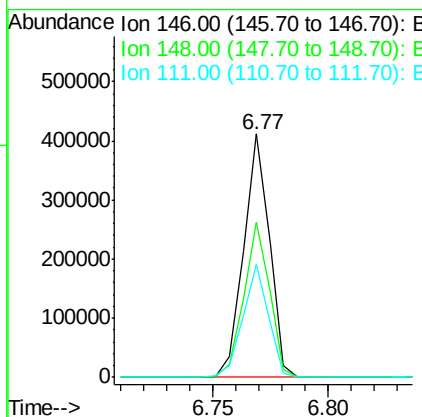
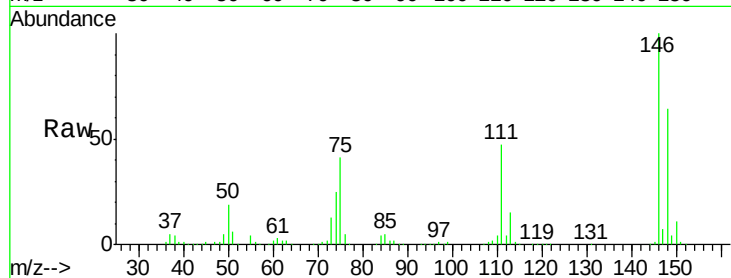




#13
 1,4-Dichlorobenzene
 Concen: 37.46 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

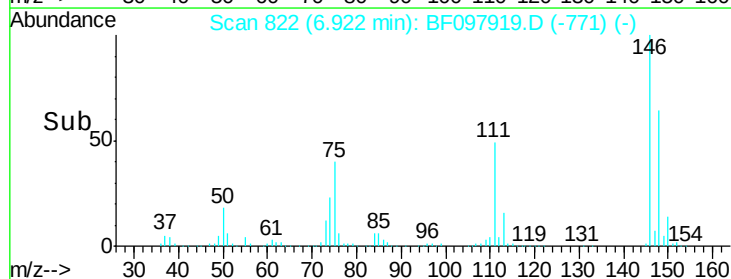
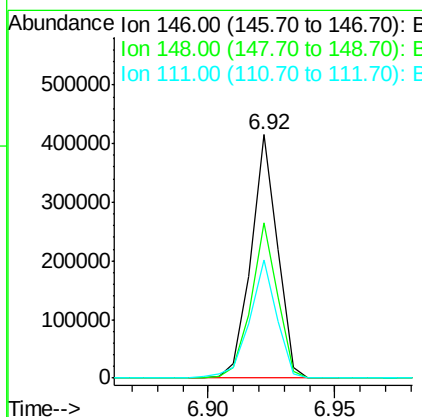
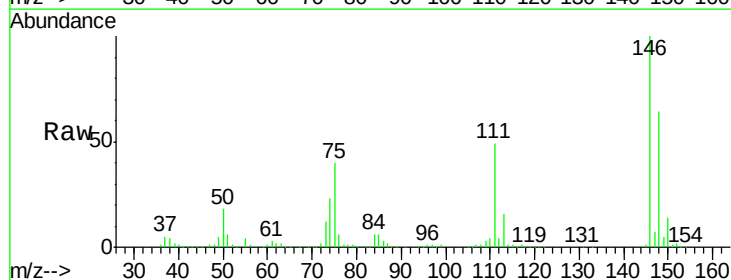
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

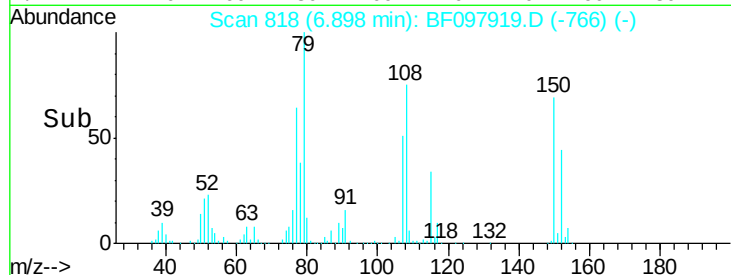
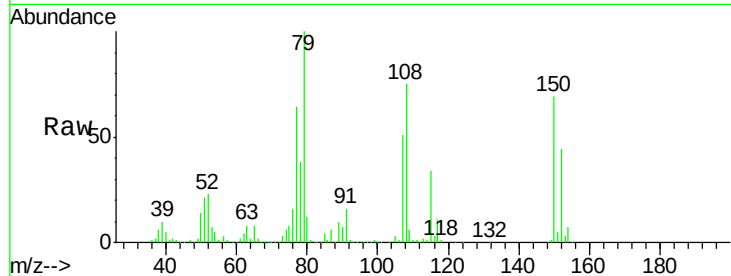
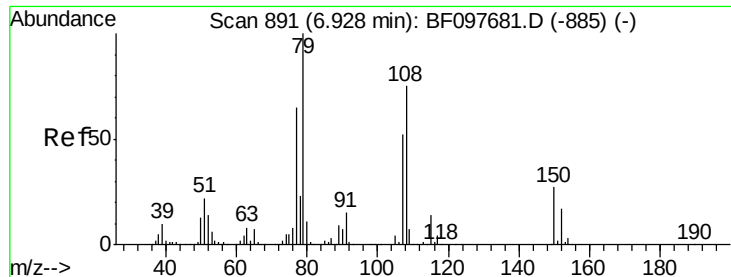
Tot Ion:146 Resp: 320726
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 46.5 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 38.08 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:146 Resp: 300600
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 48.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 41.49 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

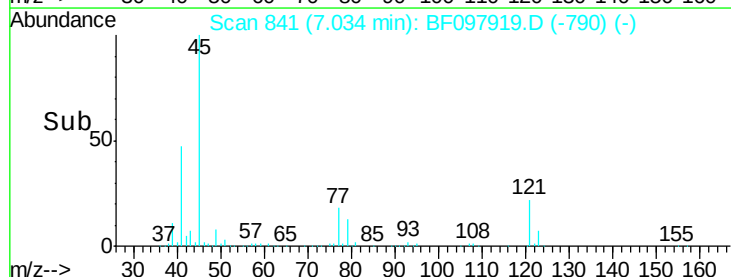
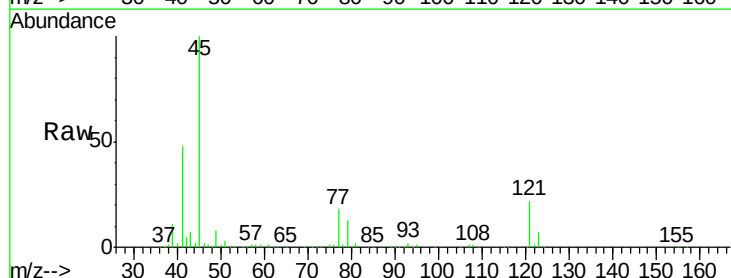
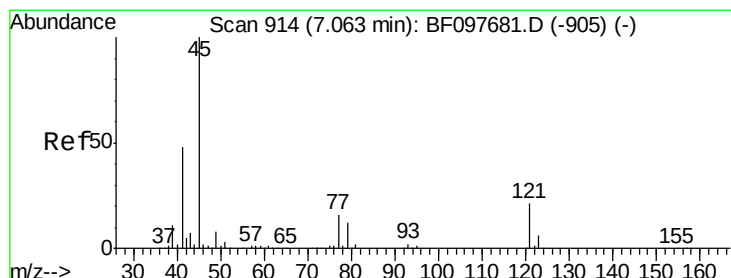
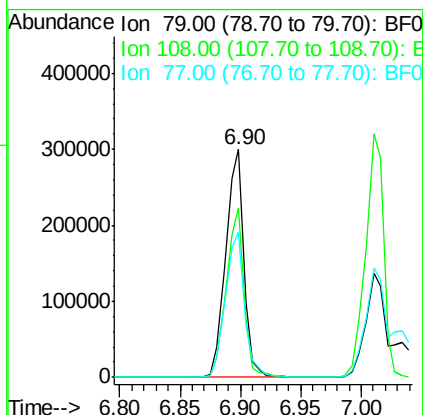
Tot Ion: 79 Resp: 313220

Ion Ratio Lower Upper

79 100

108 74.5 63.4 95.0

77 63.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.47 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

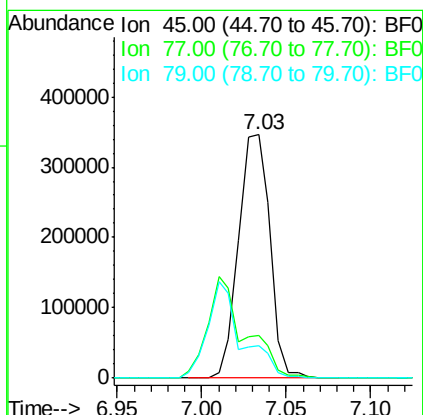
Tgt Ion: 45 Resp: 448711

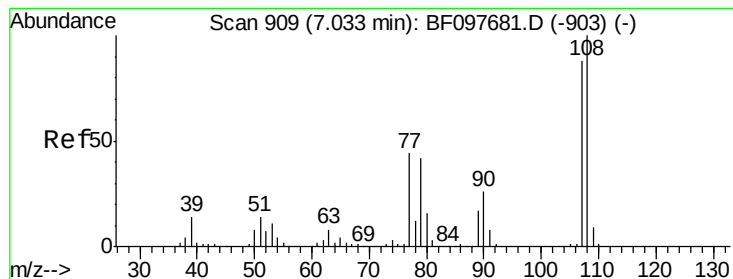
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.2

79 13.1 0.0 30.0

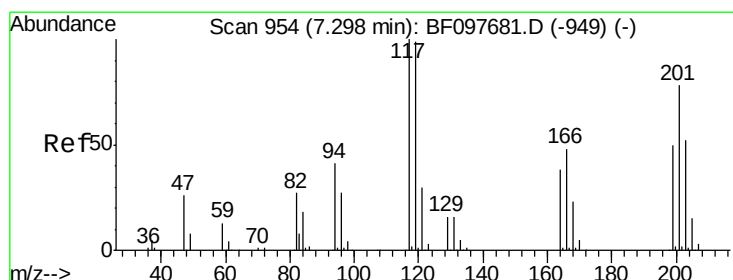
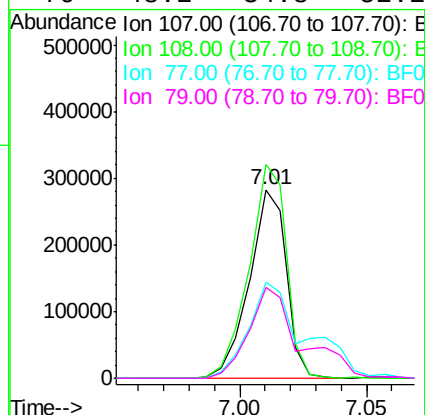
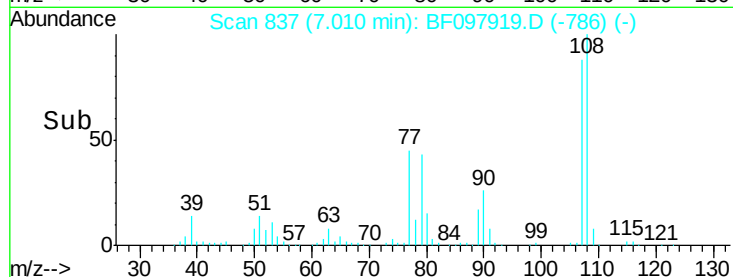
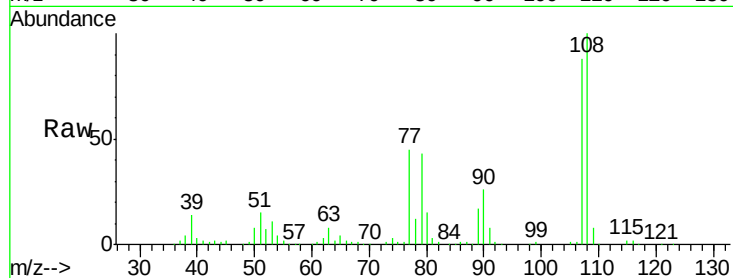




#17
2-Methylphenol
Concen: 41.69 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

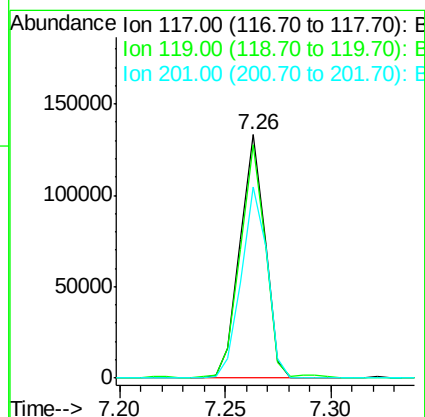
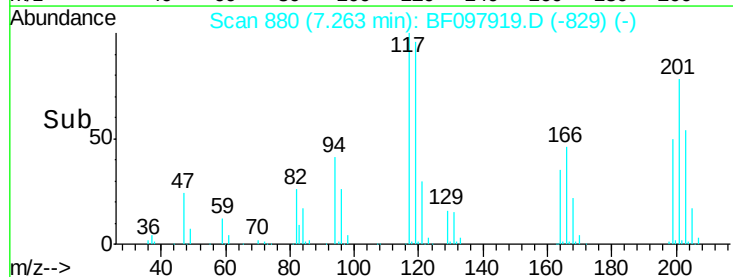
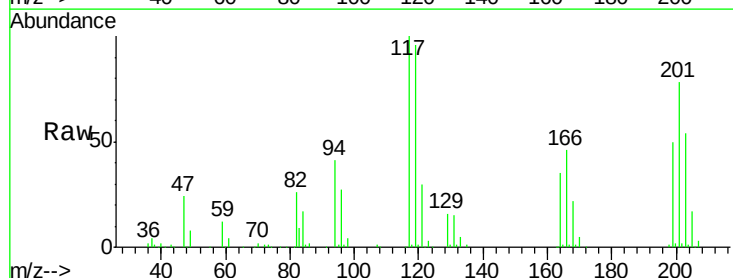
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

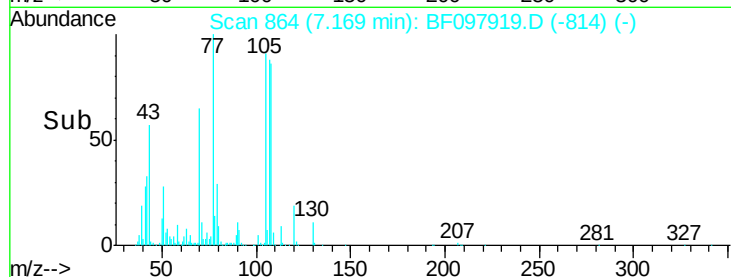
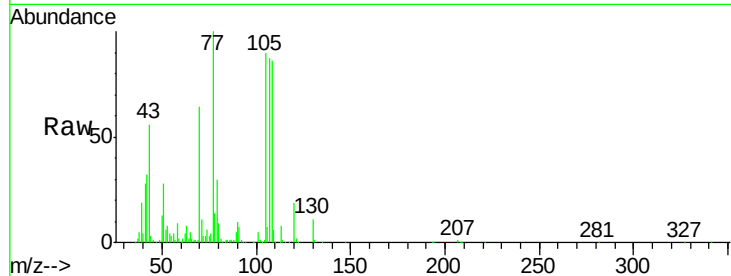
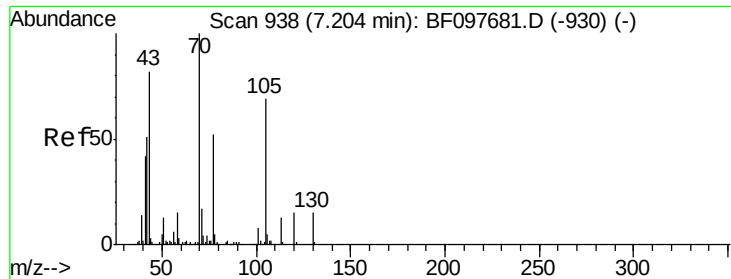
Tot Ion:	107	Resp:	287533
Ion	Ratio	Lower	Upper
107	100		
108	113.3	93.4	140.0
77	51.1	35.8	53.6
79	48.2	34.8	52.2



#18
Hexachloroethane
Concen: 32.69 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:	117	Resp:	109746
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	78.5	94.6	141.8#

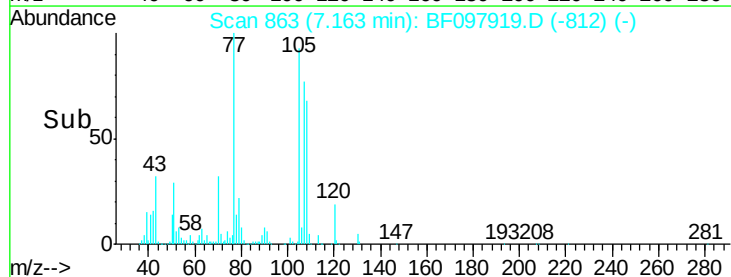
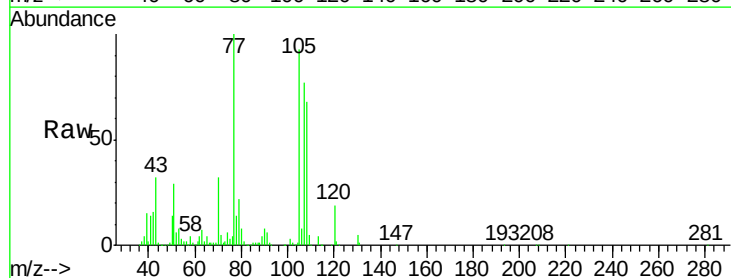
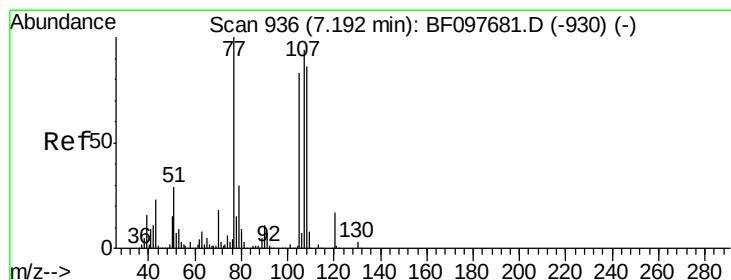
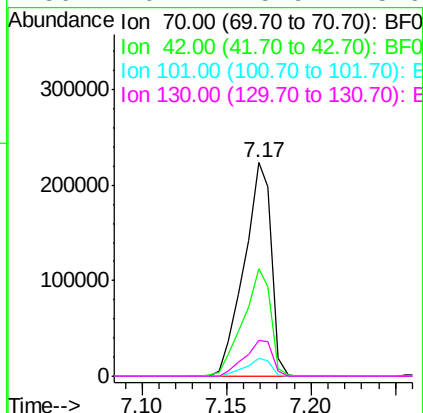




#19
n-Nitroso-di-n-propylamine
Concen: 36.54 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

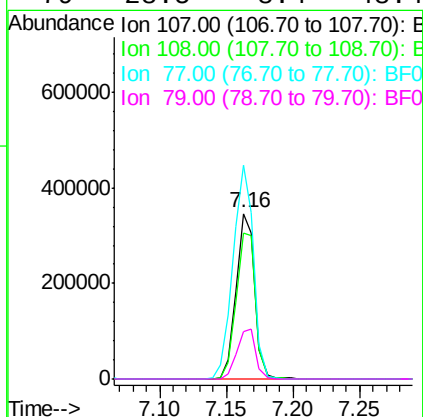
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

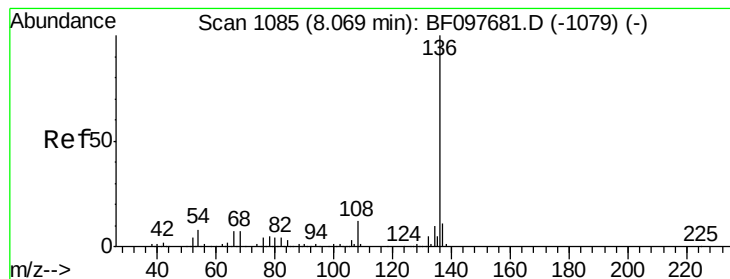
Tot Ion:	70	Resp:	252204
Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.2	70.8
101	8.1	7.2	10.8
130	16.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 40.25 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:	107	Resp:	339061
Ion	Ratio	Lower	Upper
107	100		
108	88.5	71.0	111.0
77	129.2	90.5	130.5
79	28.5	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

Tot Ion:136 Resp: 445579

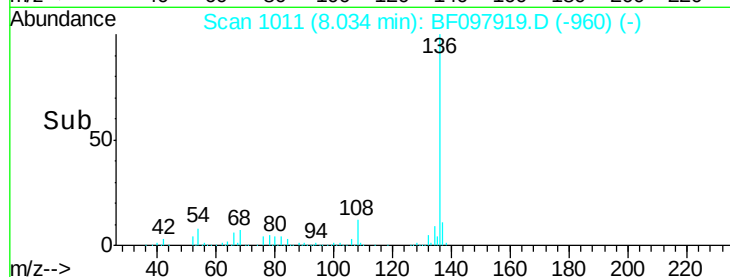
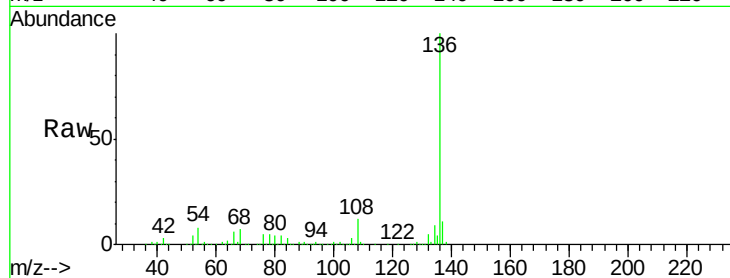
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 8.0 4.9 7.3#

68 7.4 4.1 6.1#

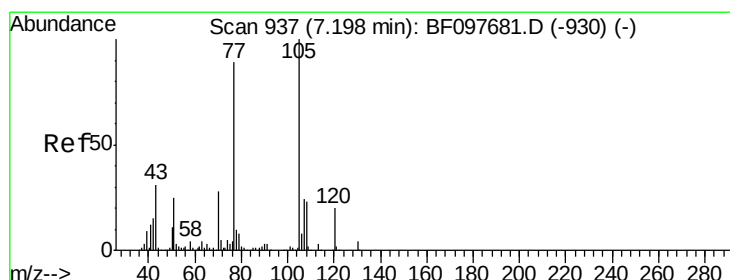
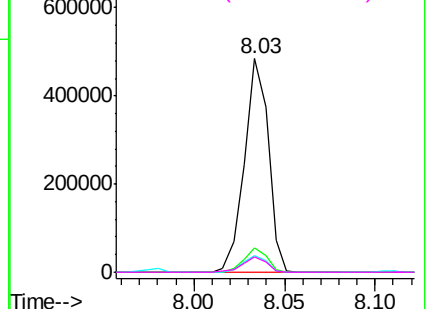


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.52 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Tgt Ion:105 Resp: 453393

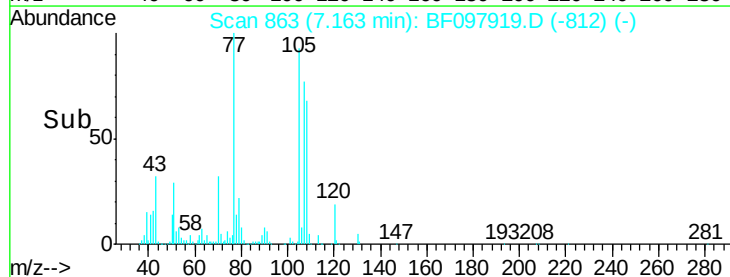
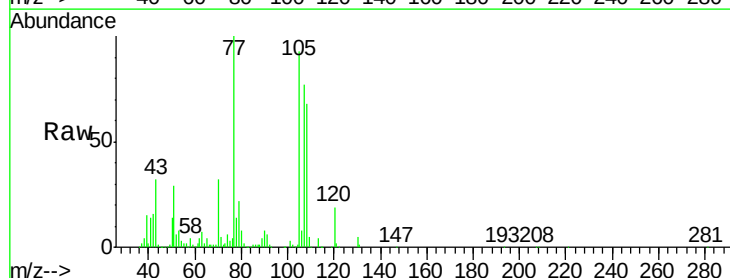
Ion Ratio Lower Upper

105 100

71 5.5 2.8 4.2#

51 31.1 30.7 46.1

120 20.0 17.4 26.0

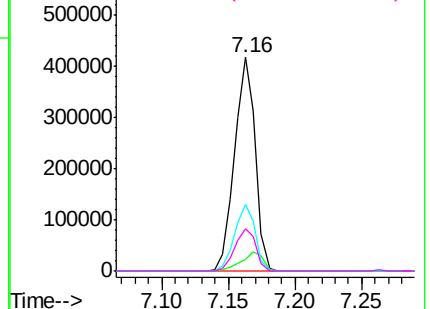


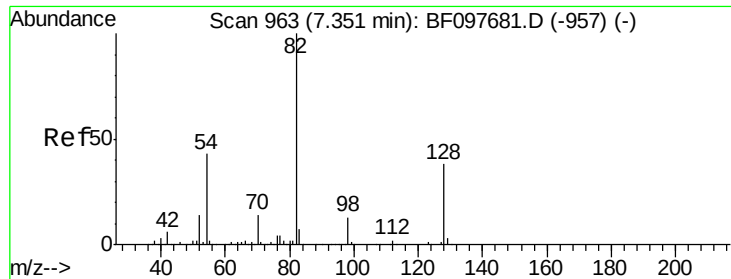
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

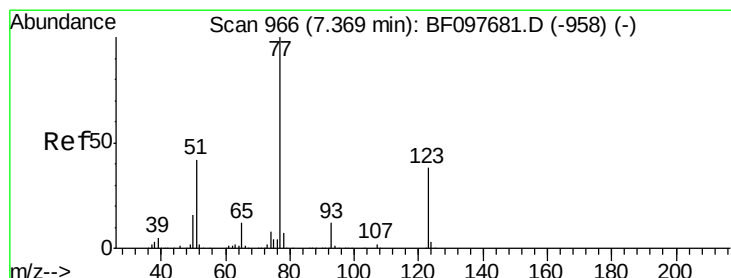
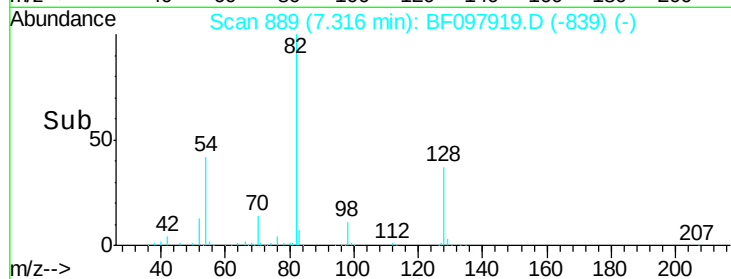
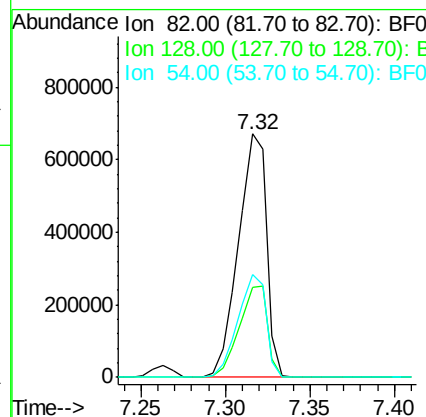
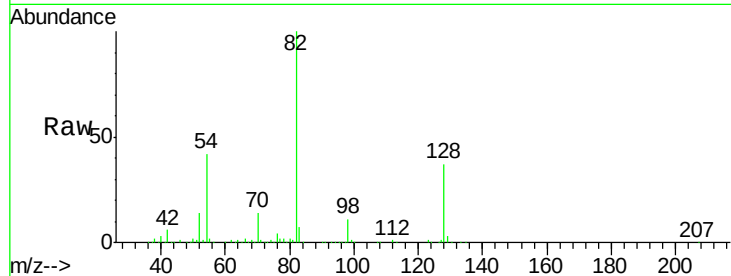




#23
 Nitrobenzene-d5
 Concen: 95.21 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

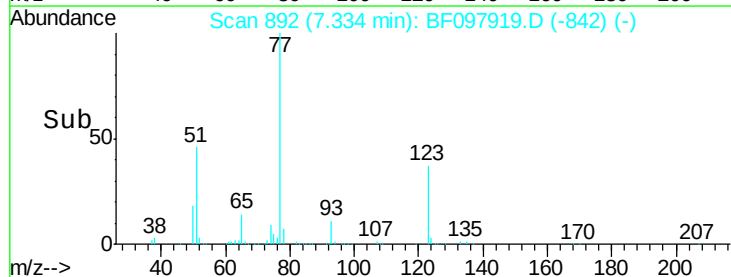
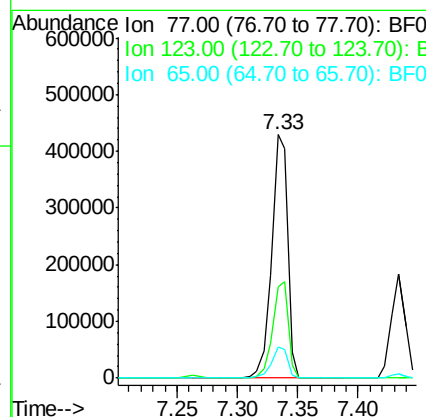
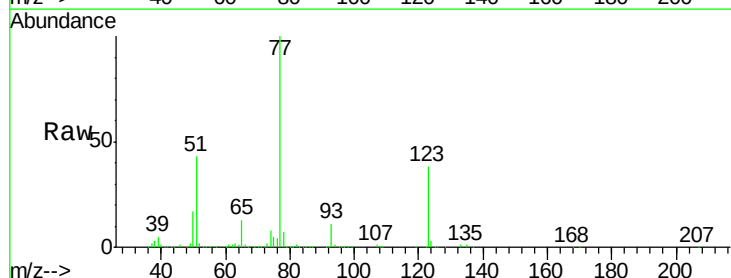
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

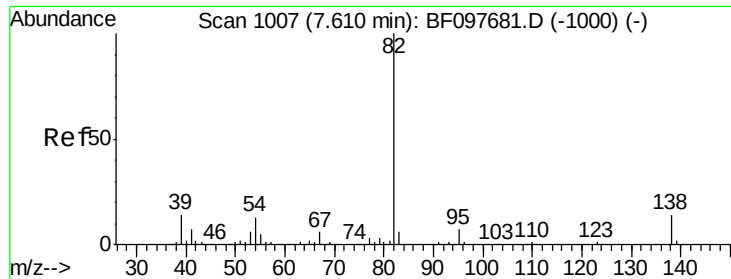
Tot Ion	82	Resp	780908
Ion Ratio	Lower	Upper	
82	100		
128	37.1	34.0	51.0
54	42.0	42.2	63.2#



#24
 Nitrobenzene
 Concen: 43.63 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion	77	Resp	398495
Ion Ratio	Lower	Upper	
77	100		
123	37.6	35.8	53.8
65	12.9	10.6	15.8

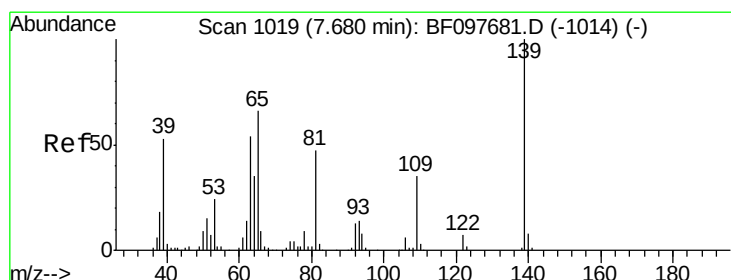
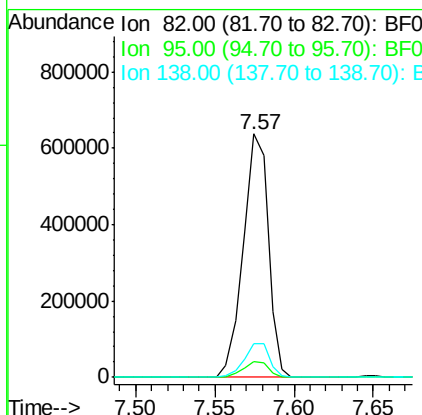
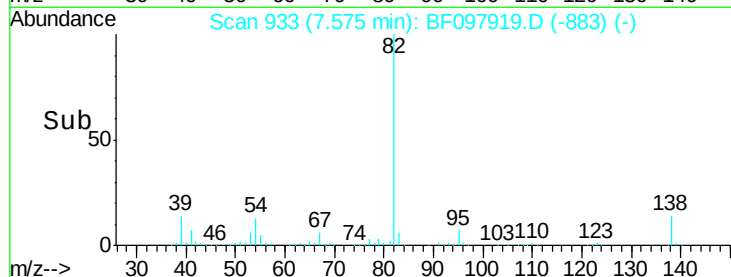
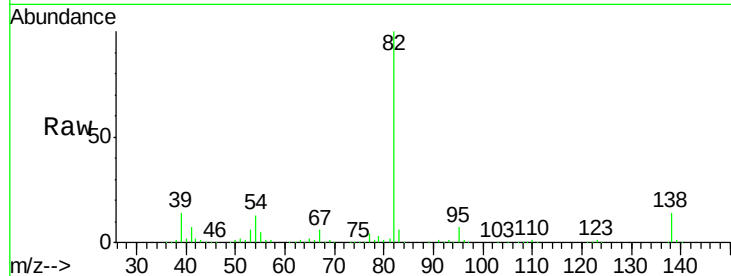




#25
Isophorone
Concen: 41.09 ng
RT: 7.57 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

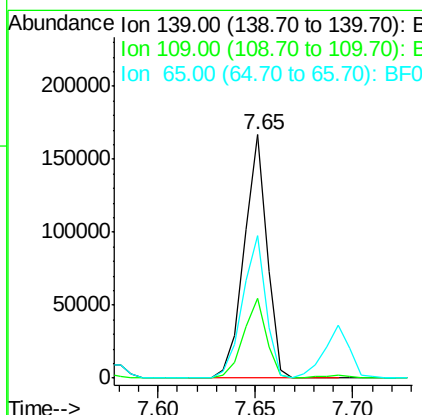
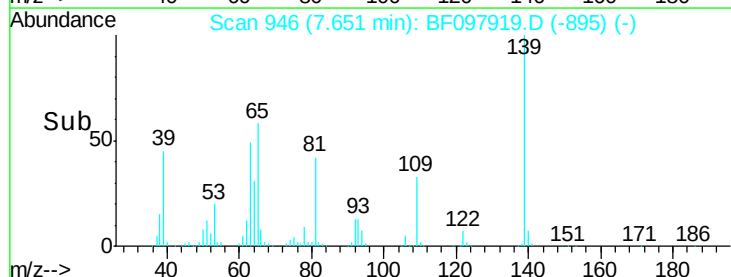
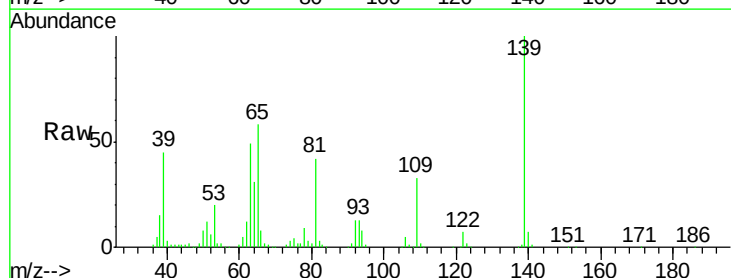
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

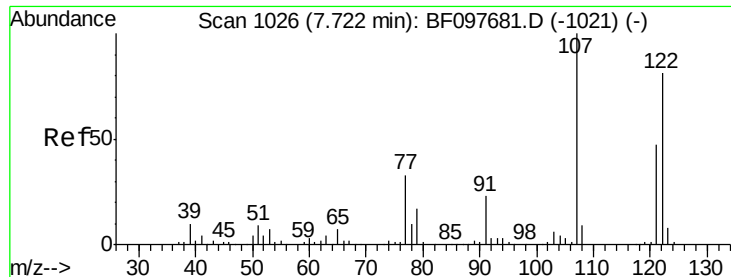
Tot Ion: 82 Resp: 700823
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 14.0 13.1 19.7



#26
2-Nitrophenol
Concen: 41.62 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion: 139 Resp: 135102
Ion Ratio Lower Upper
139 100
109 32.7 21.0 31.6#
65 58.3 33.0 49.6#

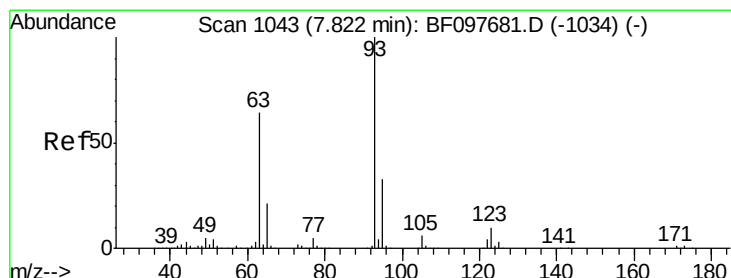
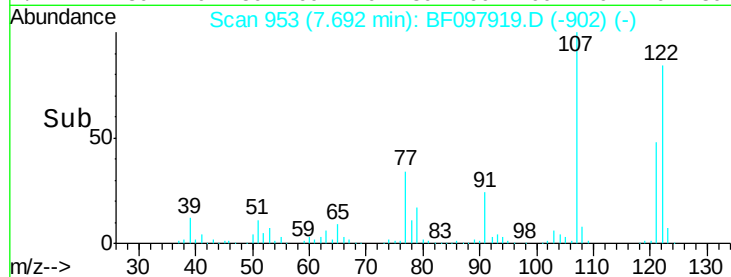
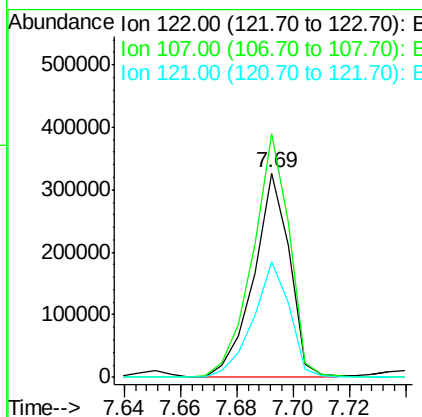
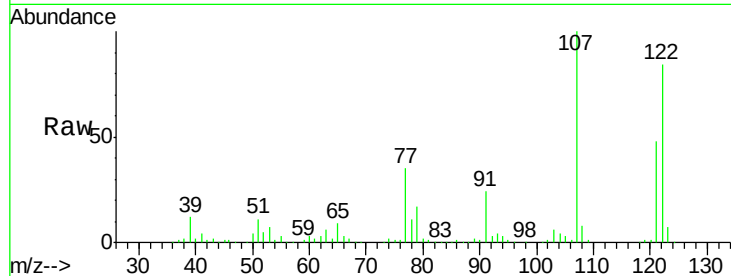




#27
 2,4-Dimethylphenol
 Concen: 40.62 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

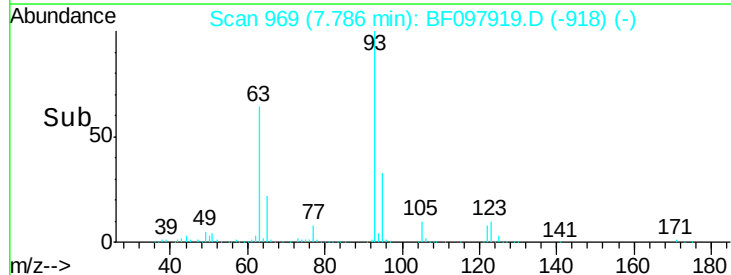
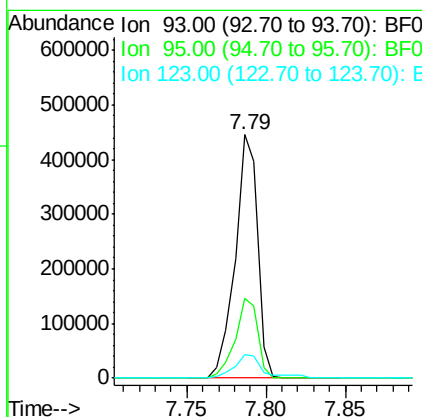
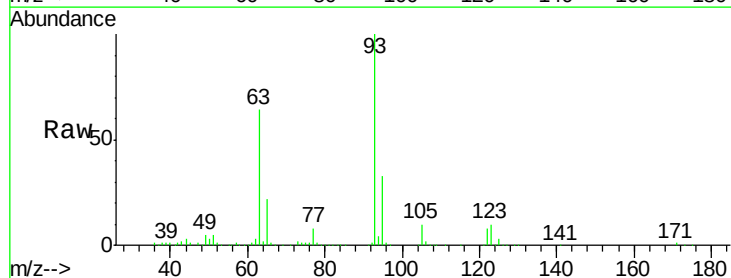
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

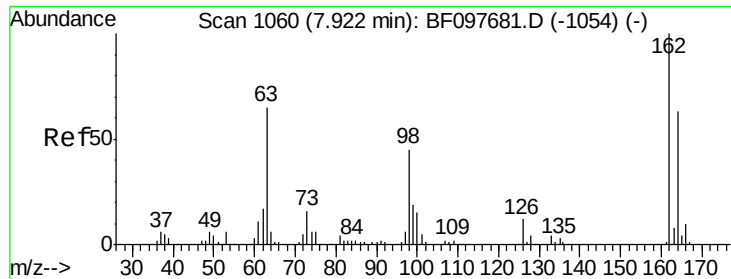
Tot Ion:	122	Resp:	288918
Ion	Ratio	Lower	Upper
122	100		
107	119.1	89.2	133.8
121	56.8	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.90 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:	93	Resp:	436175
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	9.7	9.0	13.4

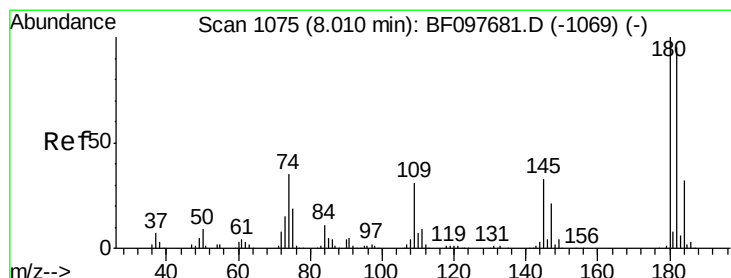
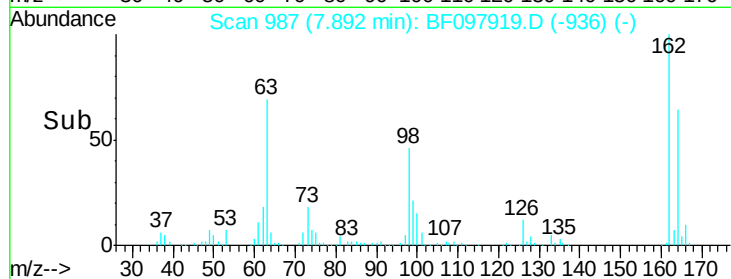
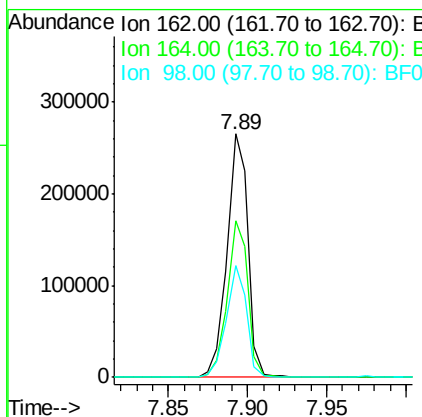
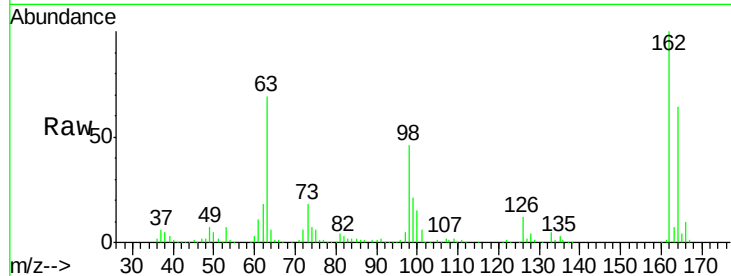




#29
 2,4-Dichlorophenol
 Concen: 41.04 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

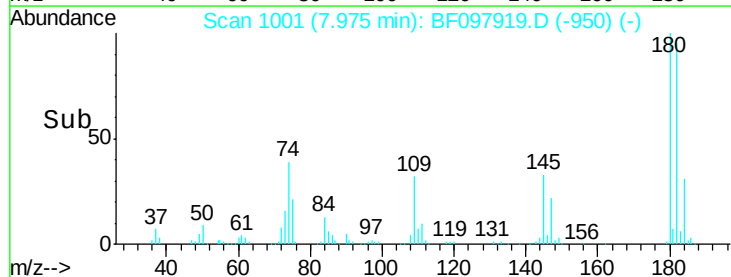
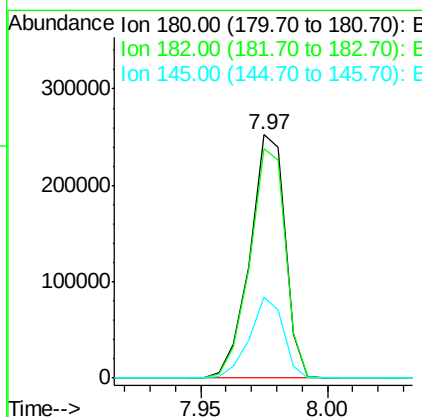
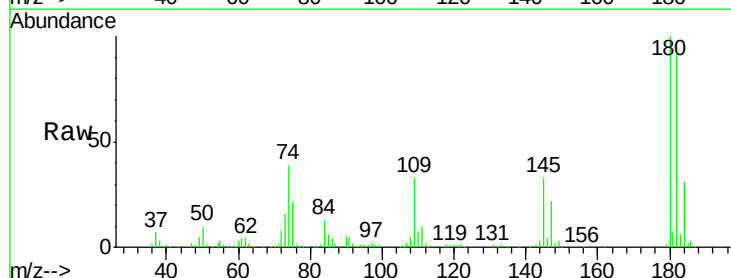
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

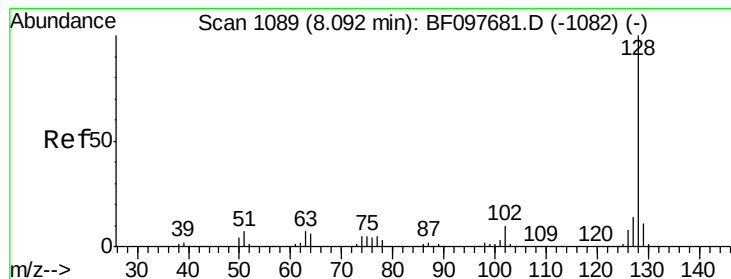
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	46.1	14.8	54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.51 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	33.4	25.3	37.9





#31

Naphthalene

Concen: 39.86 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

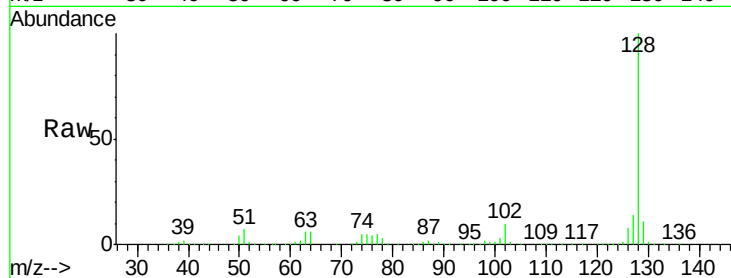
Tot Ion:128 Resp: 922098

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

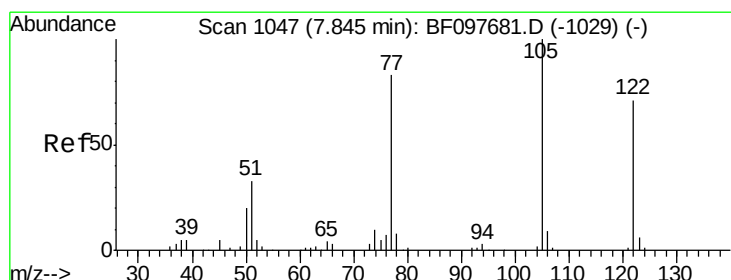
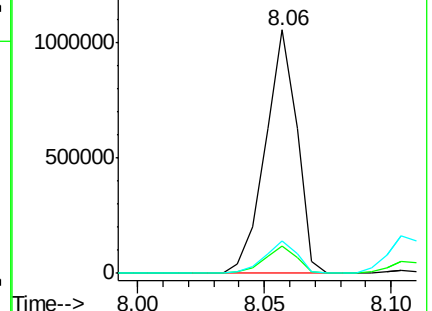
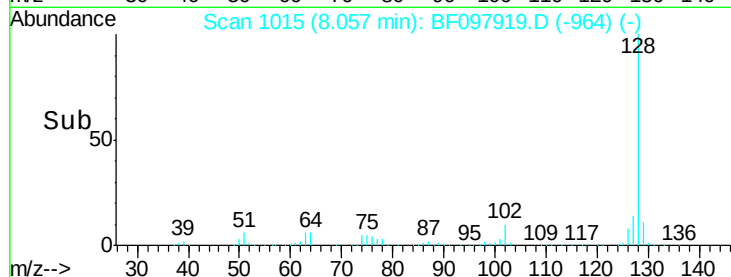
127 13.6 10.8 16.2



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: 39.87 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

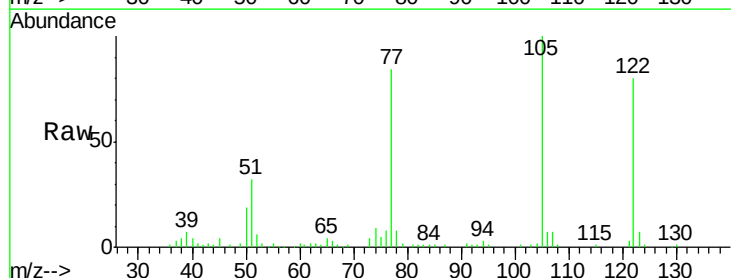
Tgt Ion:122 Resp: 200113

Ion Ratio Lower Upper

122 100

105 124.7 103.3 143.3

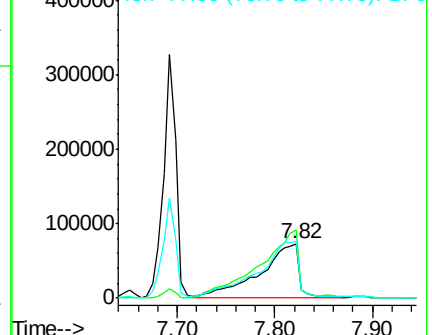
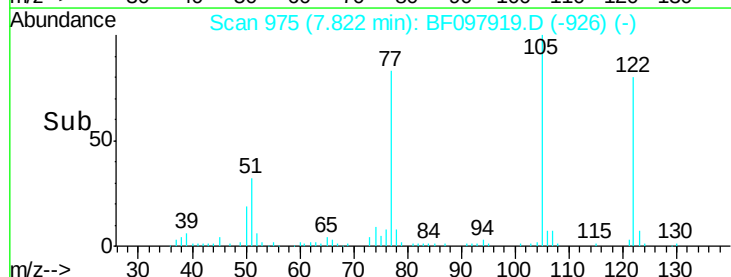
77 104.2 73.7 113.7

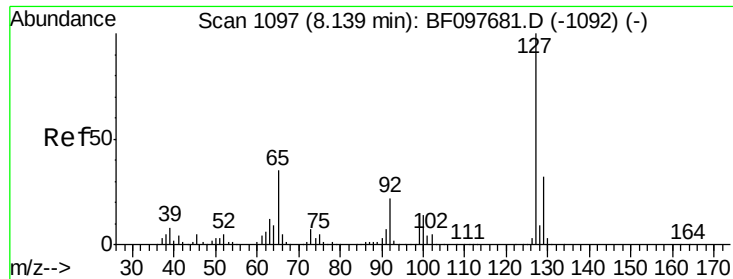


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

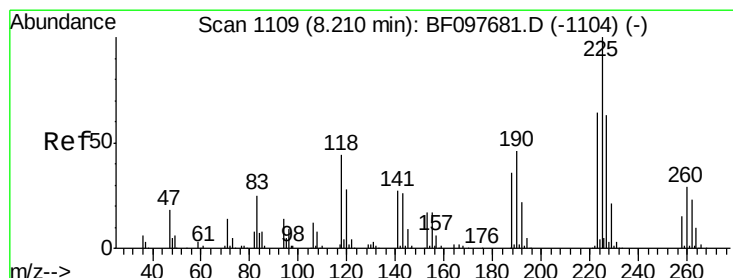
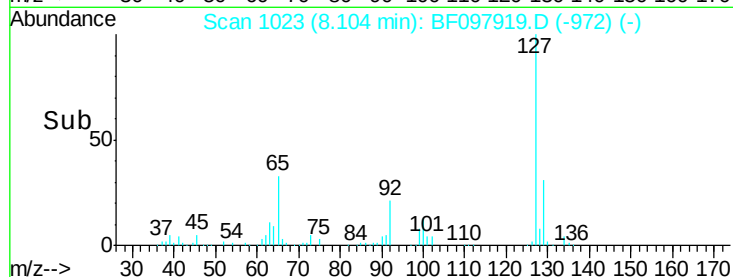
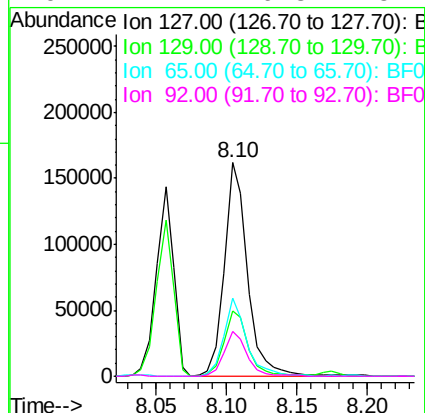
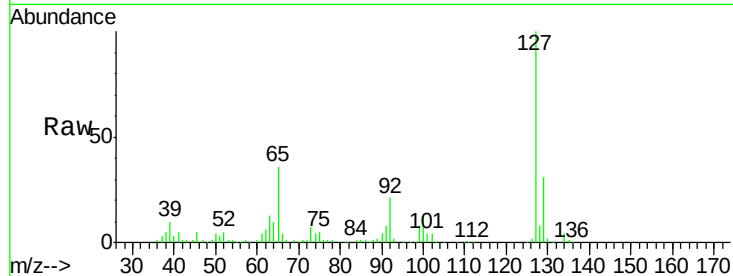




#33
4-Chloroaniline
Concen: 18.70 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

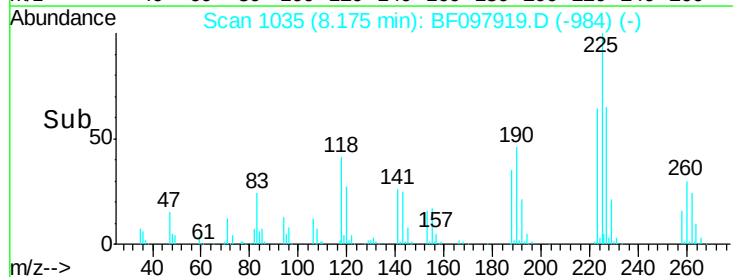
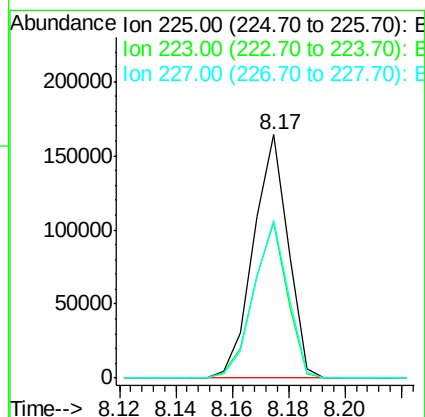
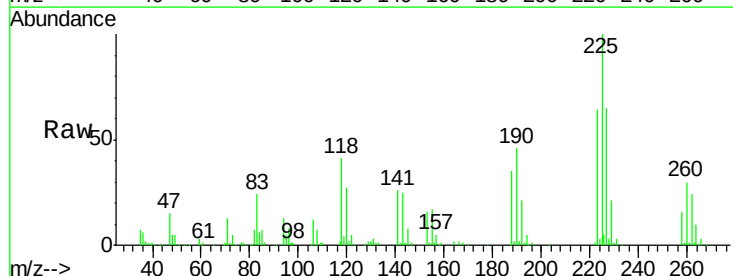
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

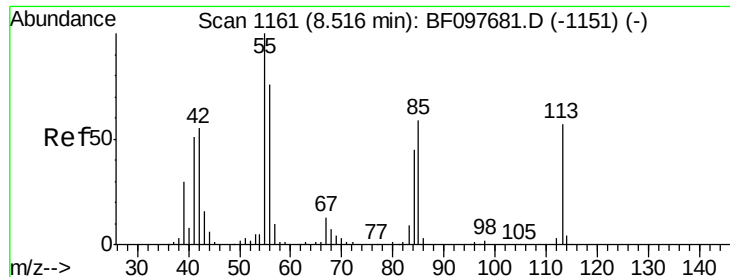
Tot Ion:	127	Resp:	182423
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.2	39.2
65	36.5	27.8	41.8
92	21.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.45 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:	225	Resp:	139315
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.8	73.2
227	64.6	51.1	76.7

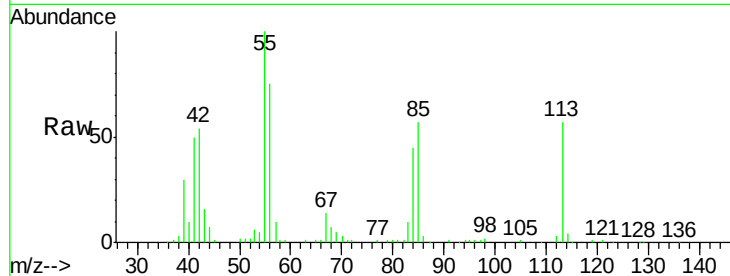




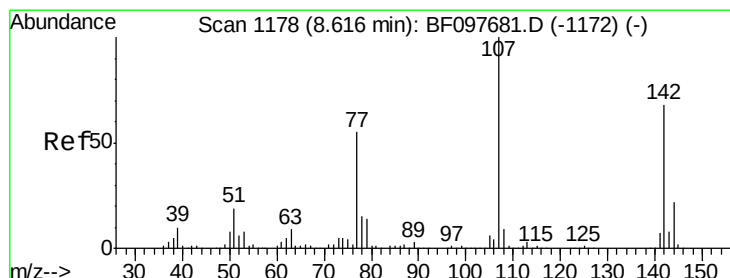
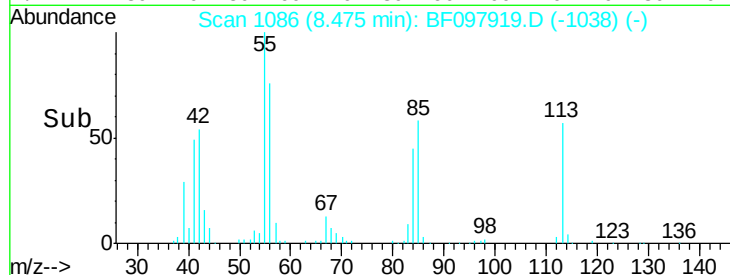
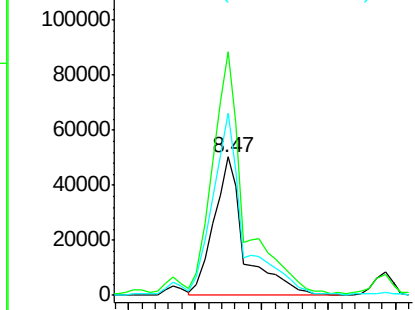
#35
 Caprolactam
 Concen: 40.94 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

Tot Ion:113 Resp: 82183
 Ion Ratio Lower Upper
 113 100
 55 175.9 150.2 190.2
 56 131.9 107.8 147.8

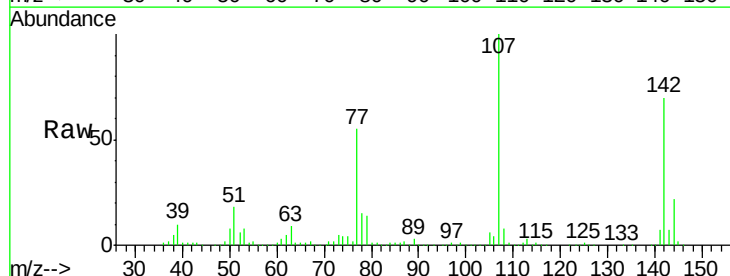


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

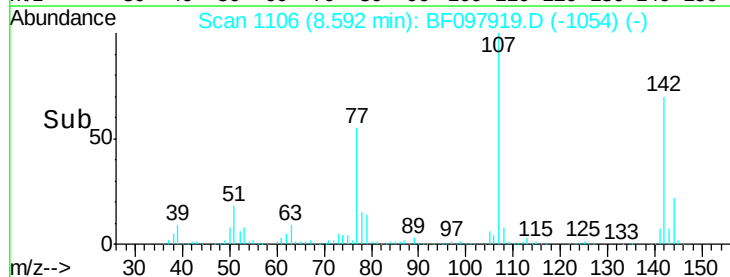
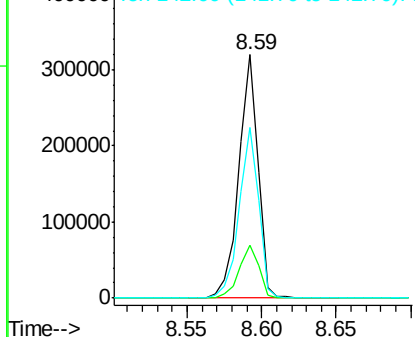


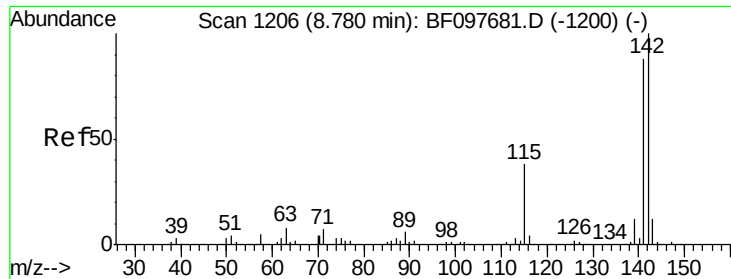
#36
 4-Chloro-3-methylphenol
 Concen: 38.17 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:107 Resp: 289573
 Ion Ratio Lower Upper
 107 100
 144 21.9 24.2 36.4#
 142 70.1 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

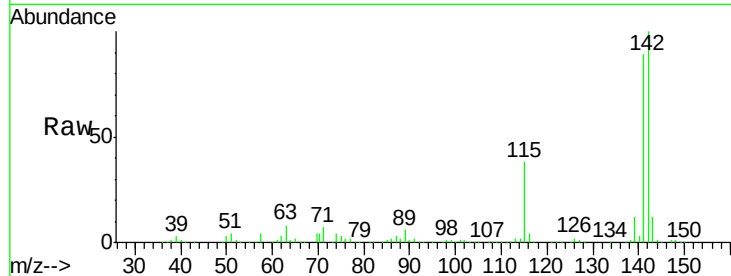




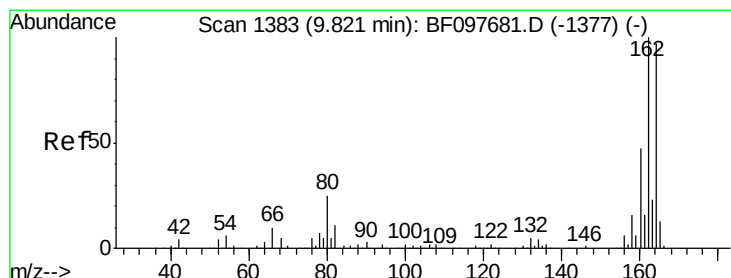
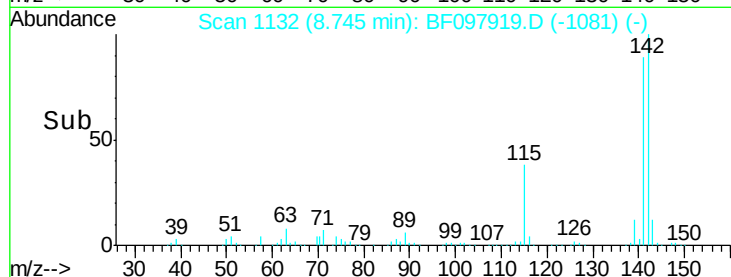
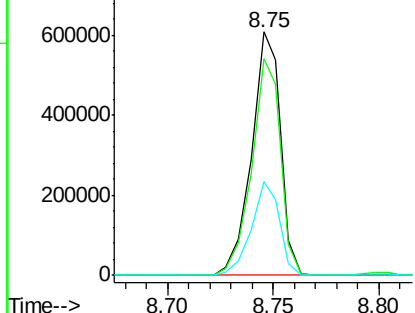
#37
 2-Methylnaphthalene
 Concen: 40.80 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

Tot Ion:	142	Resp:	578600
Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	38.5	27.1	40.7

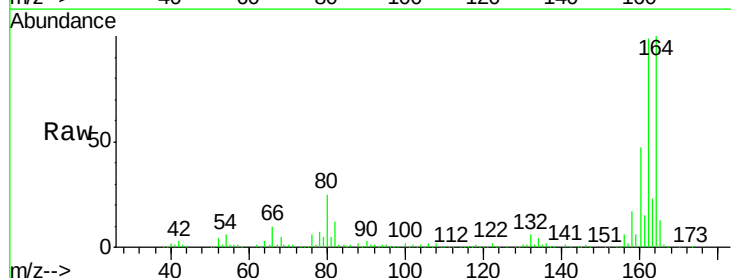


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

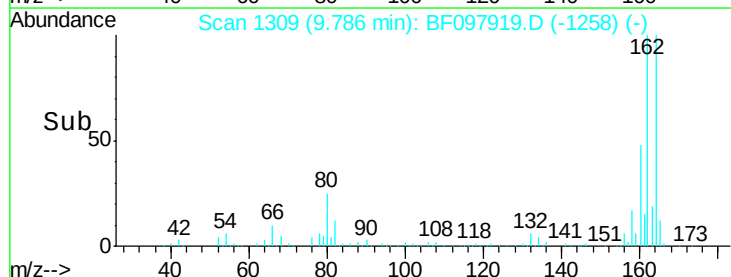
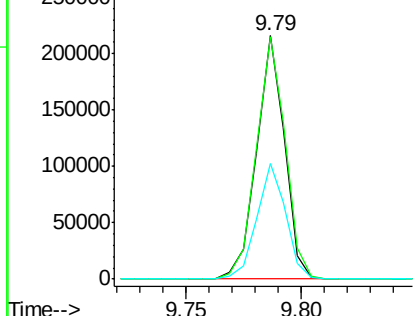


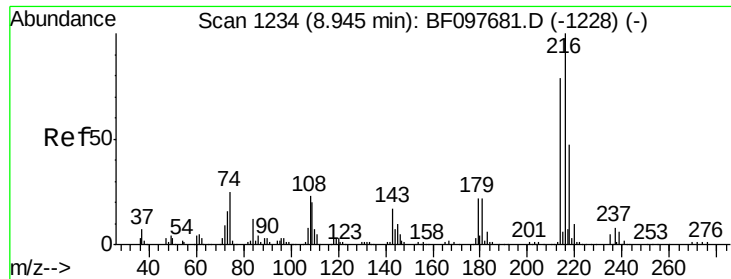
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:	164	Resp:	182163
Ion	Ratio	Lower	Upper
164	100		
162	99.4	82.6	123.8
160	47.2	36.2	54.2



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

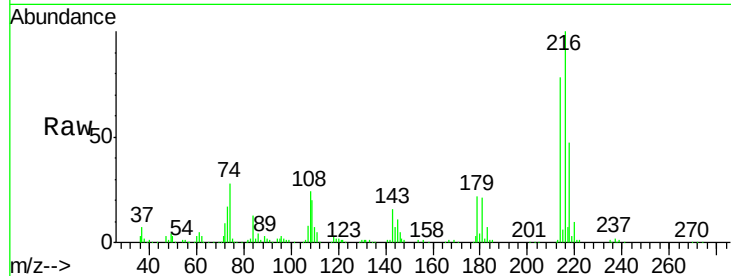




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.82 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

Tot Ion:216	Resp:	222639
Ion Ratio	Lower	Upper
216	100	
214	78.5	63.4 95.2
179	21.5	17.9 26.9
108	23.7	16.5 24.7

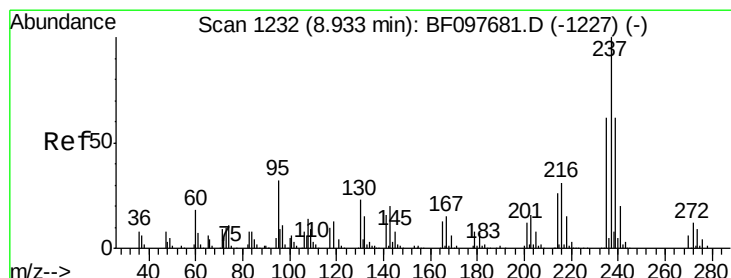
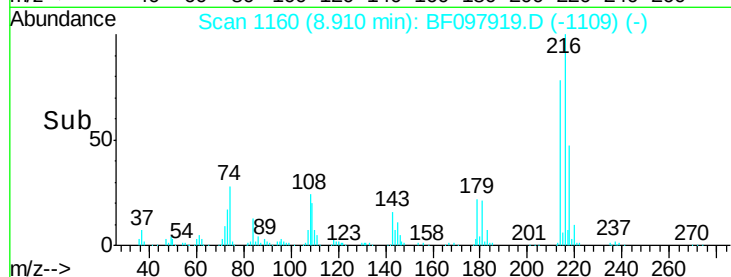
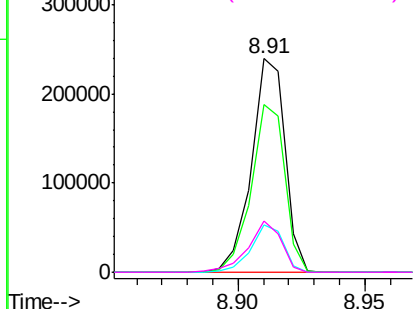


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

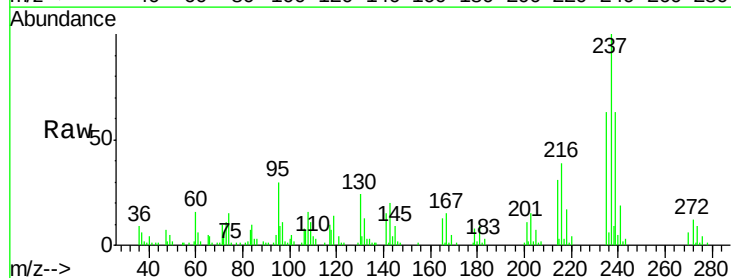
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 21.67 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

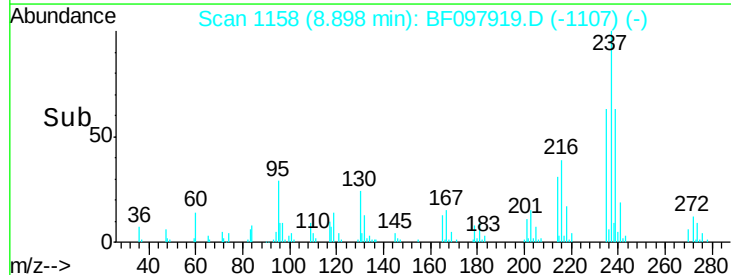
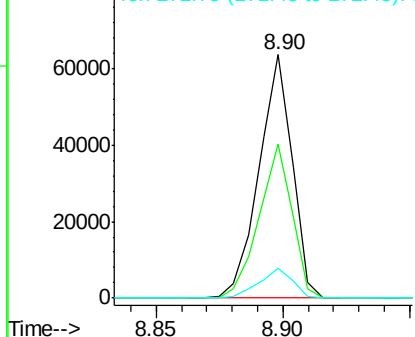
Tgt Ion:237	Resp:	58190
Ion Ratio	Lower	Upper
237	100	
235	63.0	42.6 82.6
272	12.1	0.0 31.9

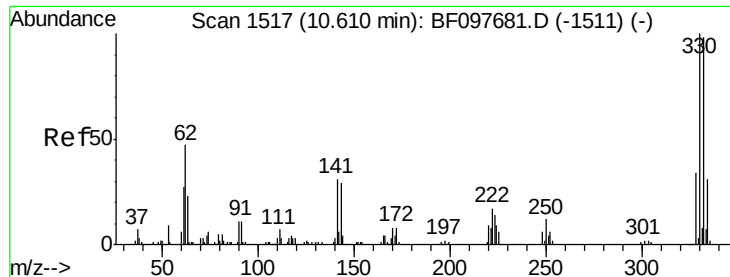


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 116.38 ng

RT: 10.57 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

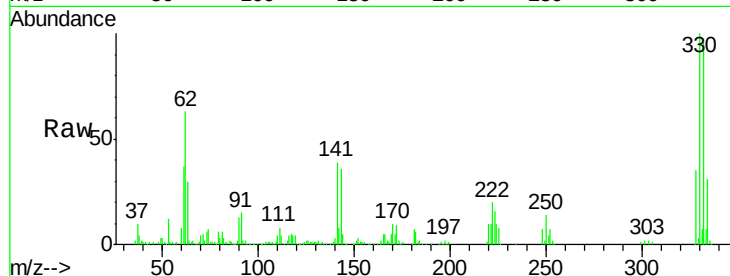
Tot Ion:330 Resp: 183946

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

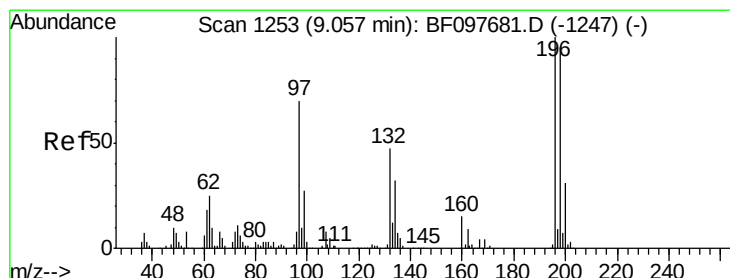
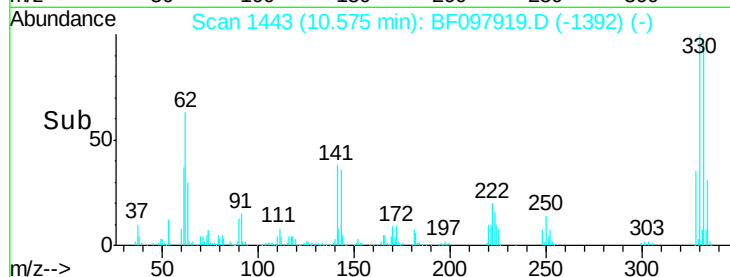
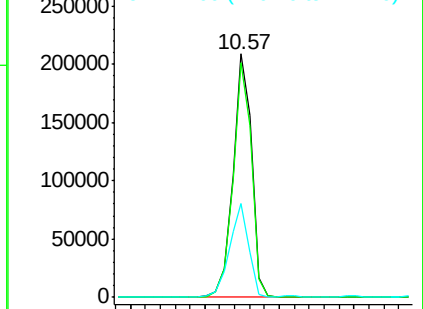
141 40.4 31.4 47.2



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



#42

2,4,6-Trichlorophenol

Concen: 41.34 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

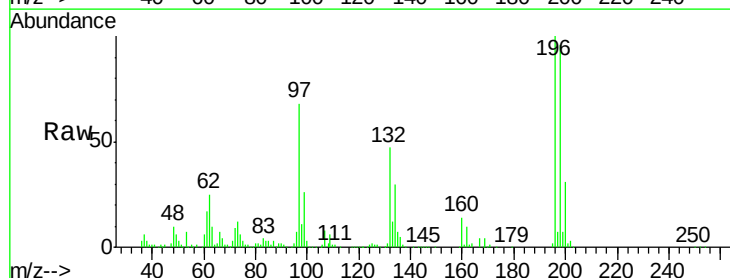
Tgt Ion:196 Resp: 155170

Ion Ratio Lower Upper

196 100

198 95.6 74.2 111.4

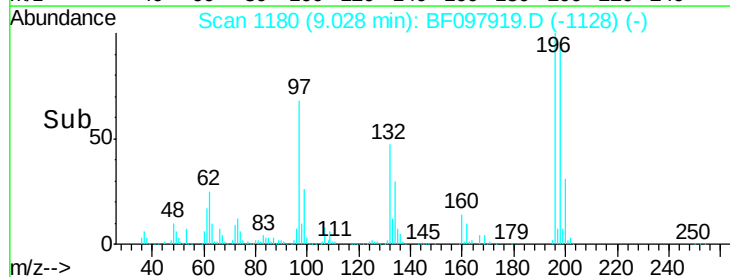
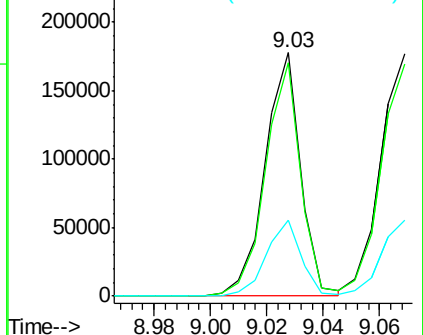
200 31.1 24.0 36.0

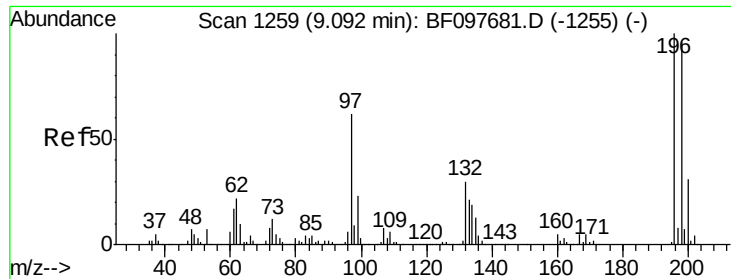


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

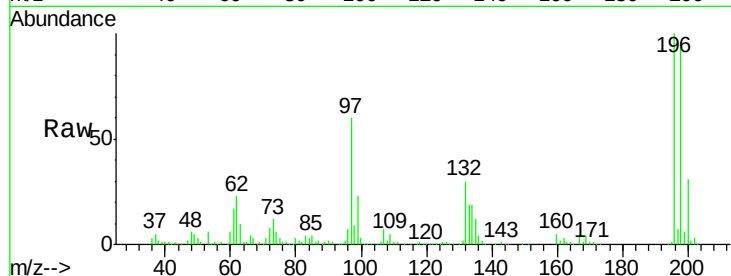




#43
 2,4,5-Trichlorophenol
 Concen: 42.78 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

Tot Ion	196	Resp	159296
Ion Ratio	100	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	60.5	47.7	71.5
132	30.1	28.0	42.0



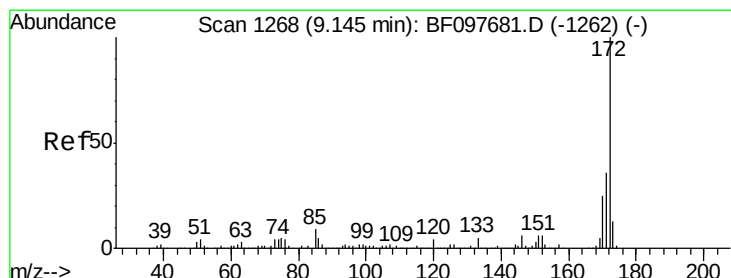
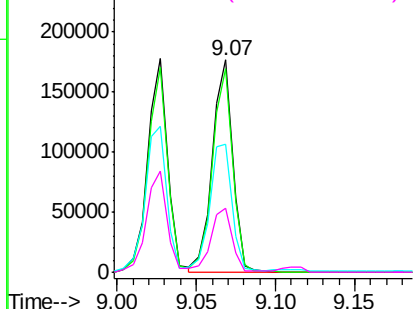
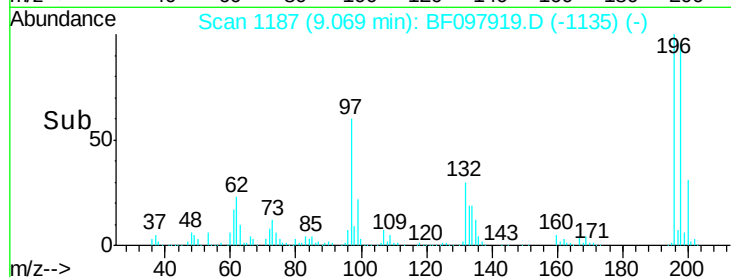
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

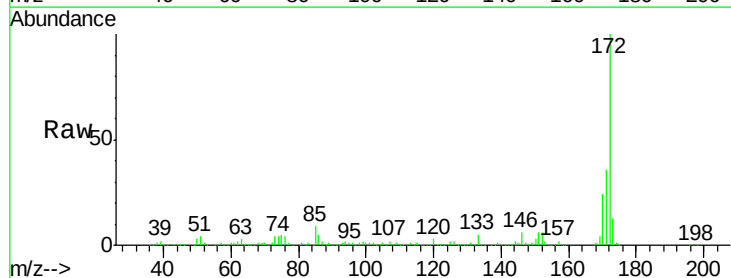
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.57 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion	172	Resp	949349
Ion Ratio	100	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.0	19.8	29.8

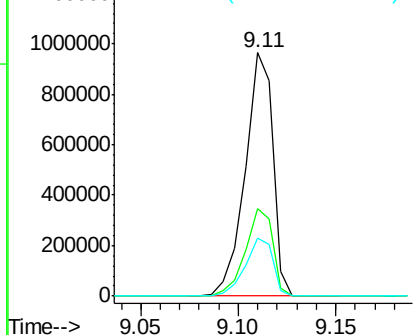
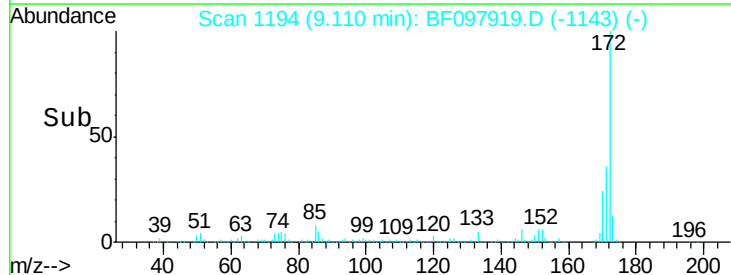


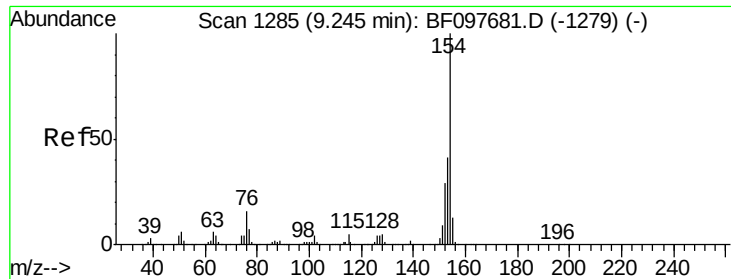
Abundance

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

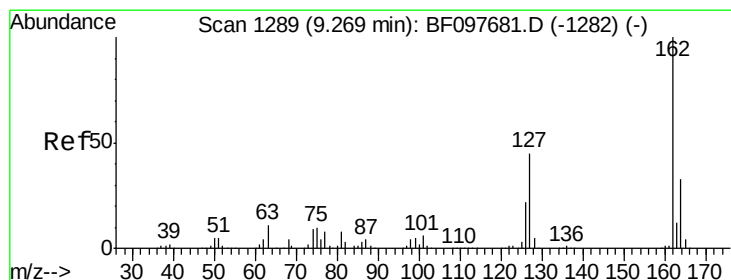
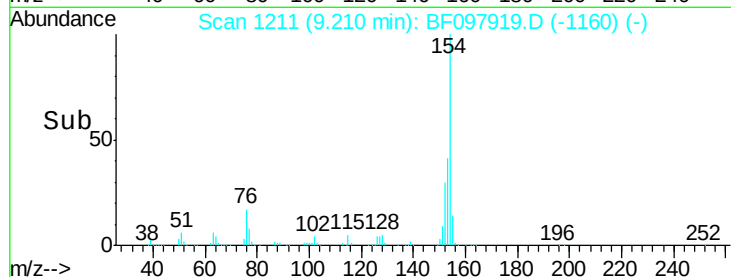
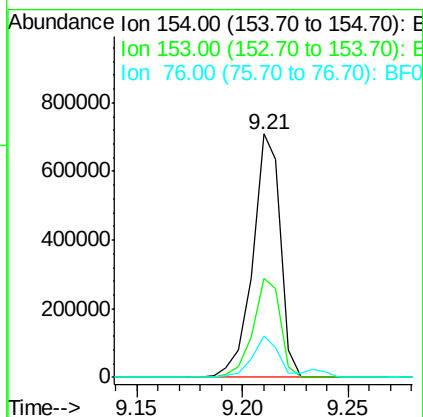
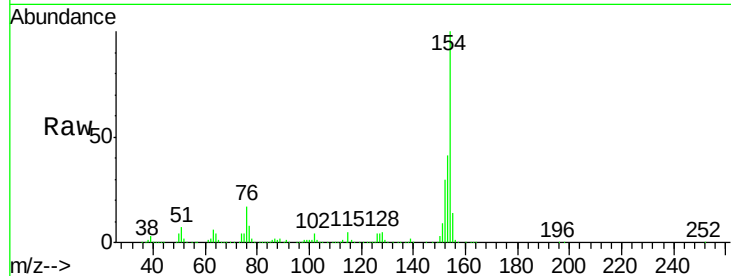




#45
 1,1'-Biphenyl
 Concen: 38.78 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

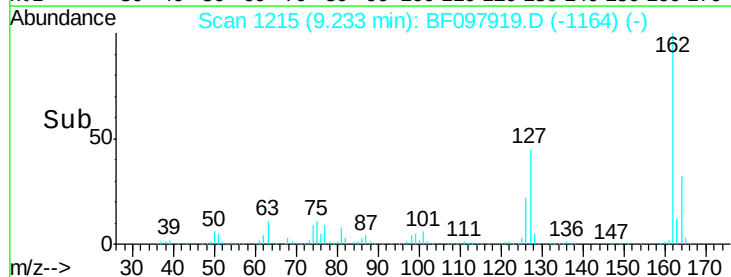
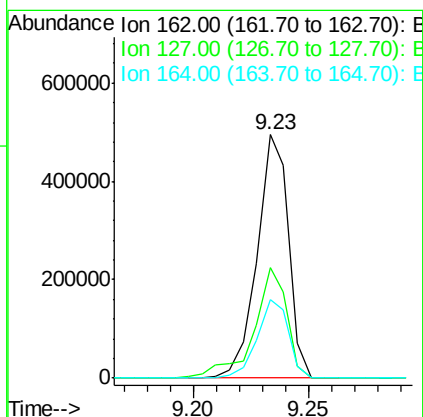
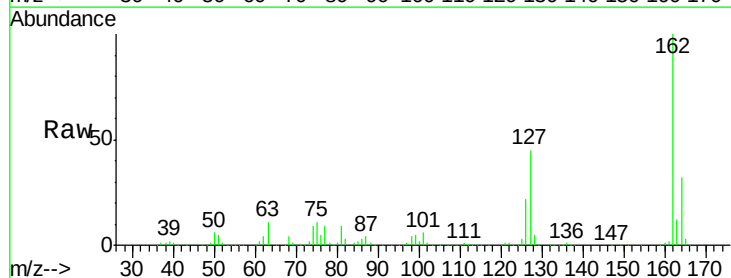
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

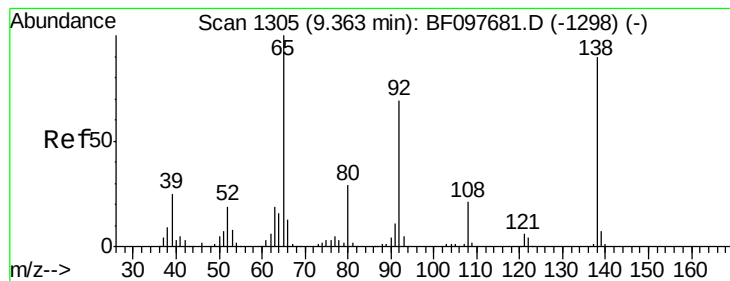
Tot Ion:154 Resp: 644204
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 17.0 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 38.13 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:162 Resp: 468009
 Ion Ratio Lower Upper
 162 100
 127 45.2 28.3 42.5#
 164 32.3 27.0 40.4





#47

2-Nitroaniline

Concen: 48.50 ng

RT: 9.33 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

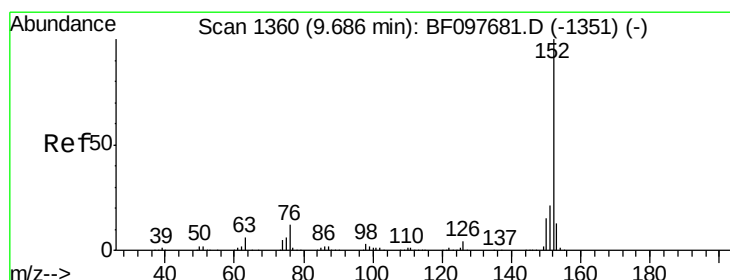
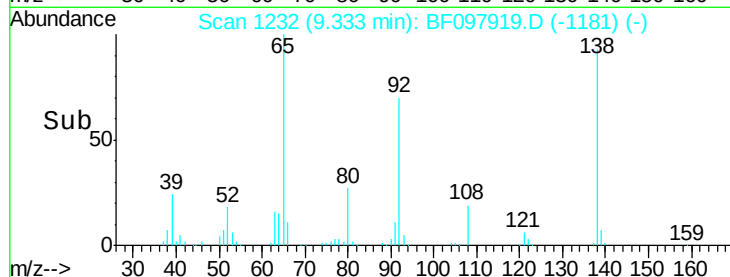
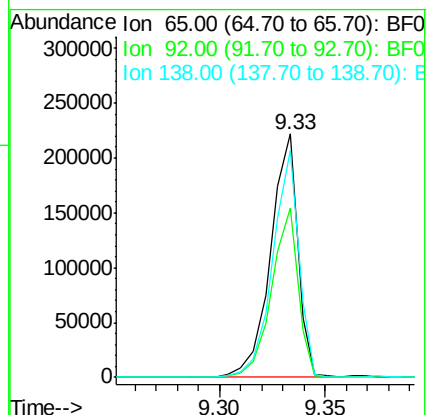
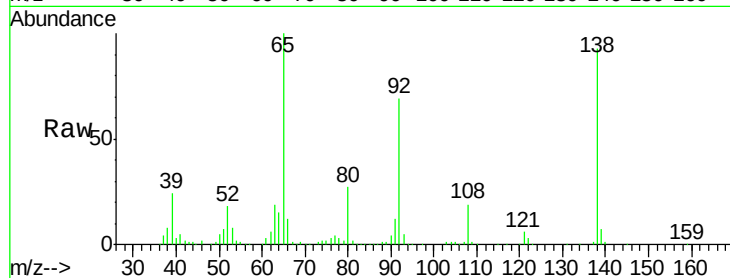
Tot Ion: 65 Resp: 199574

Ion Ratio Lower Upper

65 100

92 69.3 53.9 80.9

138 93.0 78.8 118.2



#48

Acenaphthylene

Concen: 39.20 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

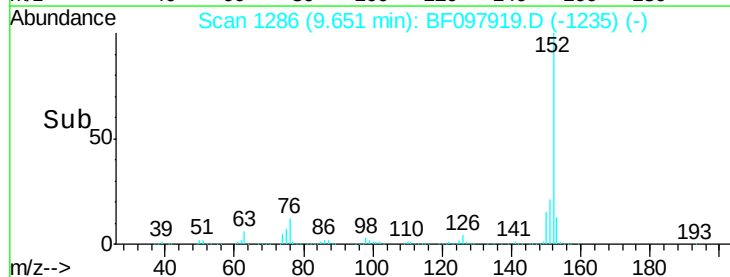
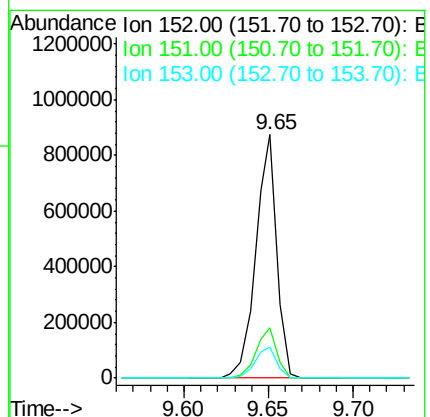
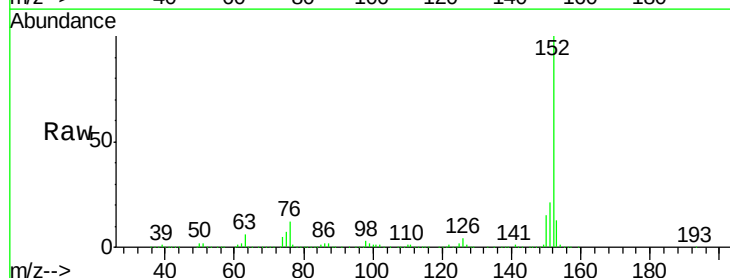
Tgt Ion: 152 Resp: 755600

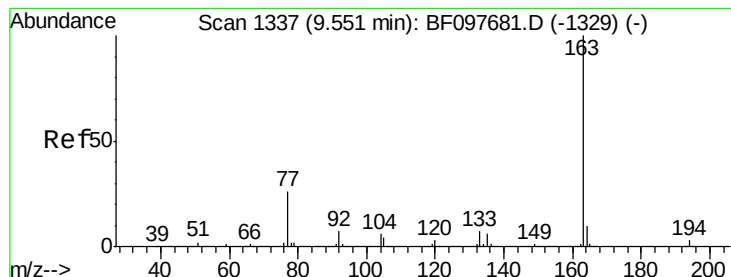
Ion Ratio Lower Upper

152 100

151 20.9 16.8 25.2

153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 50.28 ng

RT: 9.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

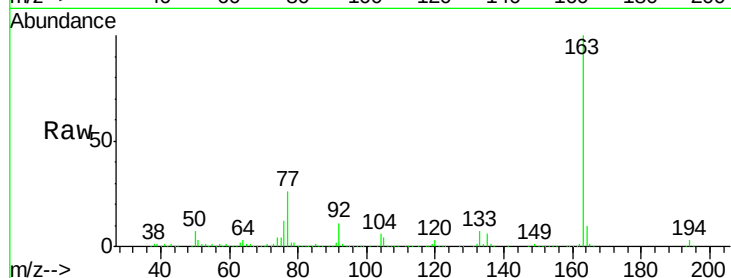
Tot Ion:163 Resp: 669521

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

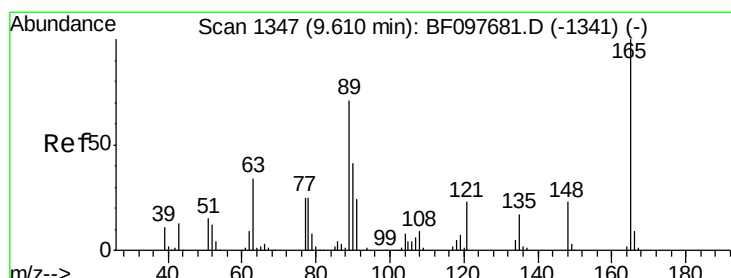
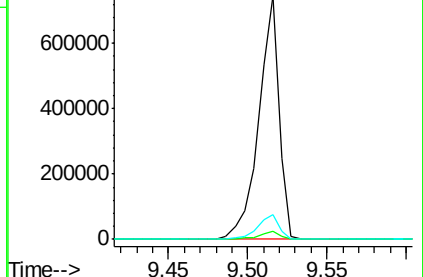
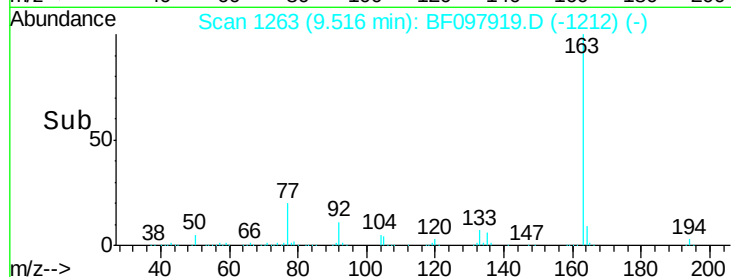
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.09 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

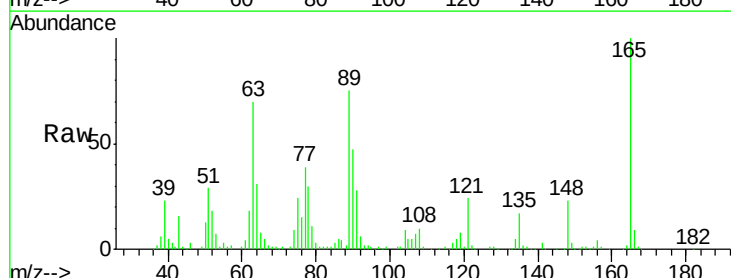
Tgt Ion:165 Resp: 106547

Ion Ratio Lower Upper

165 100

63 69.6 34.3 51.5#

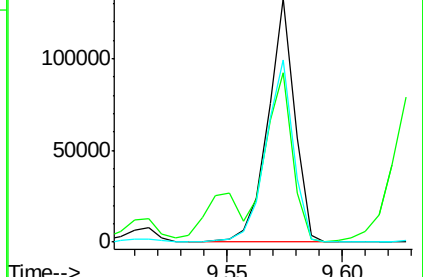
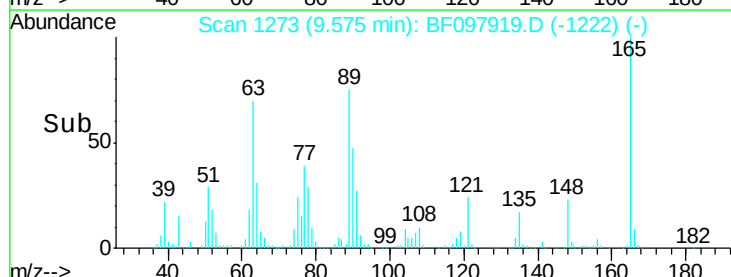
89 75.0 37.1 55.7#

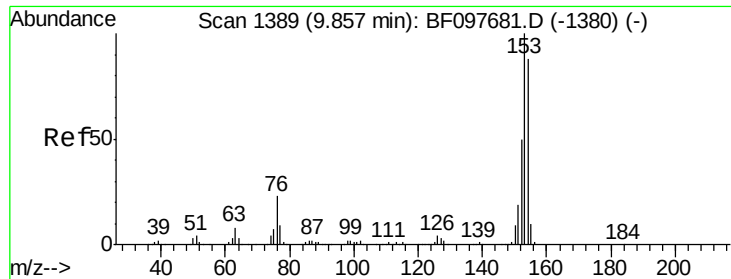


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.44 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

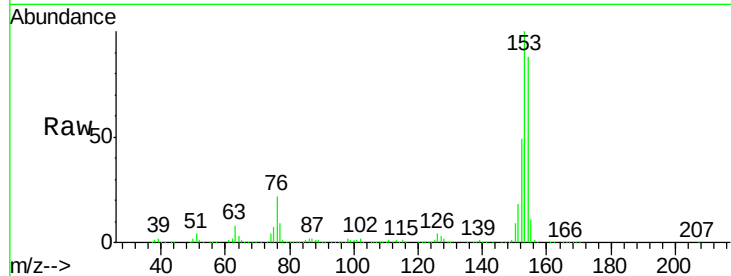
Tot Ion:154 Resp: 467291

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

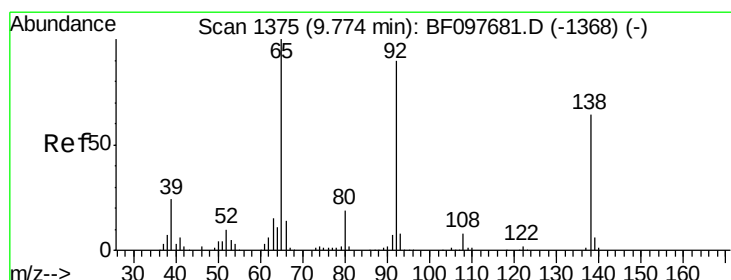
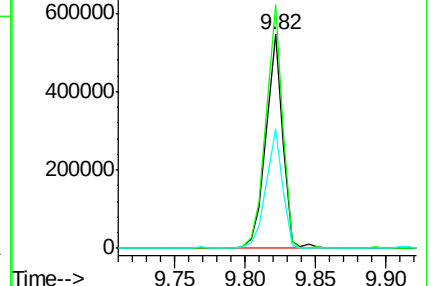
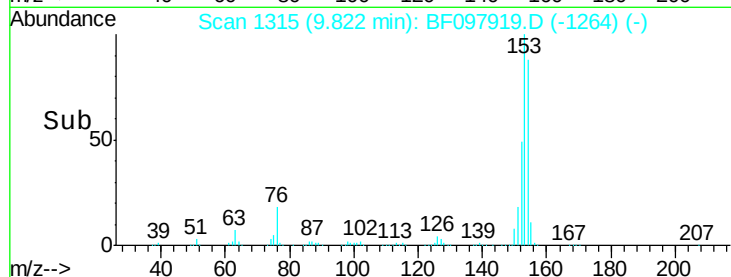
152 55.8 43.6 65.4



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



#52

3-Nitroaniline

Concen: 31.84 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

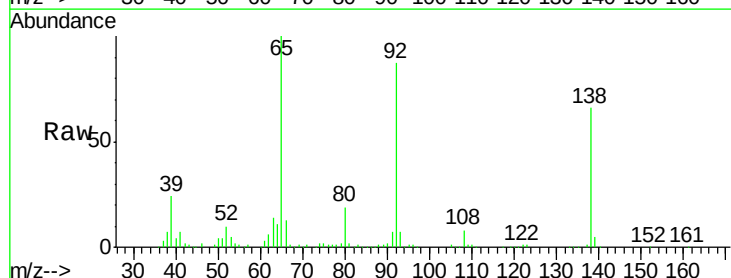
Tgt Ion:138 Resp: 109201

Ion Ratio Lower Upper

138 100

108 11.4 9.1 13.7

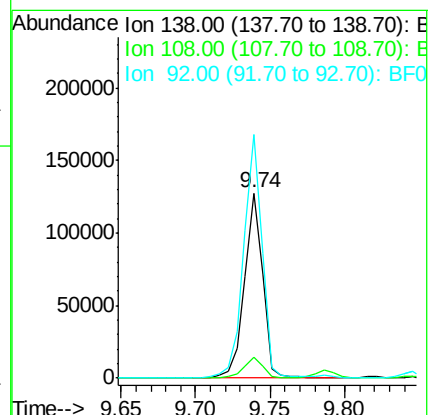
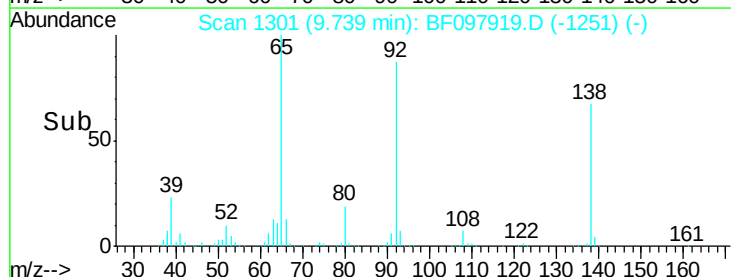
92 131.5 93.8 140.6

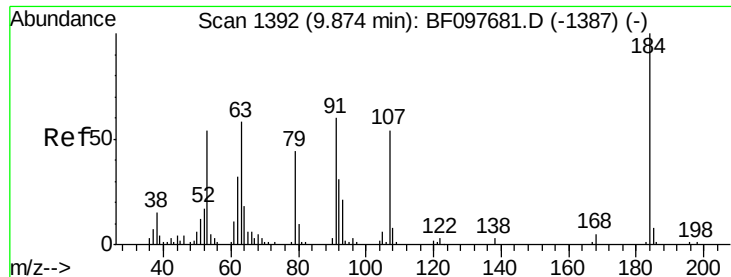


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

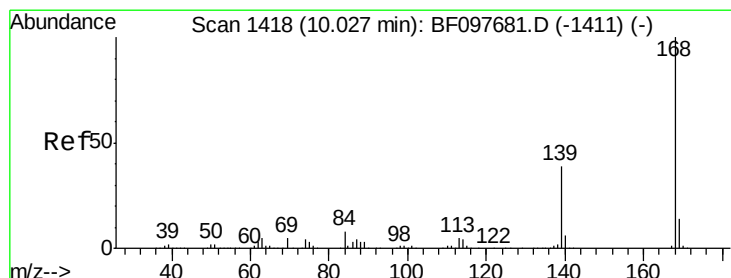
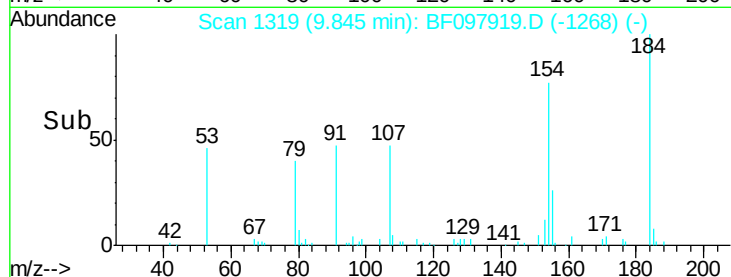
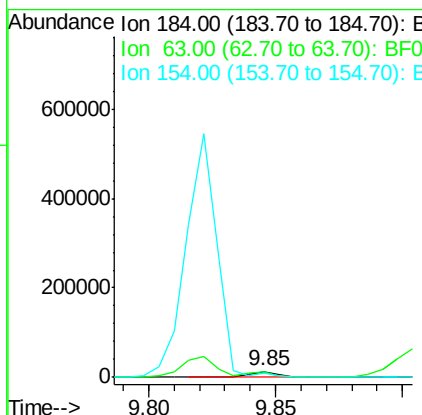
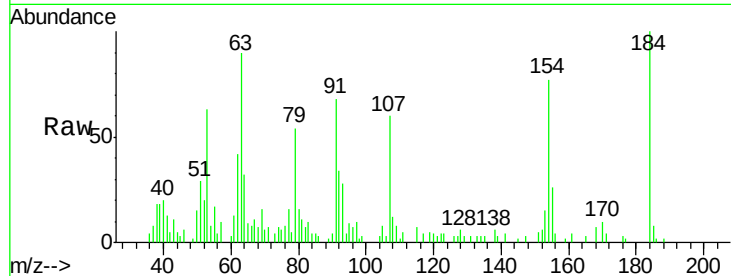




#53
2,4-Dinitrophenol
Concen: 17.97 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

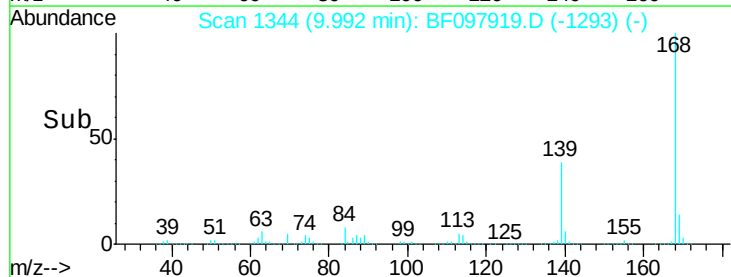
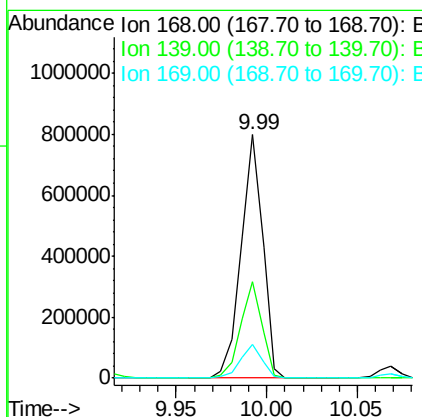
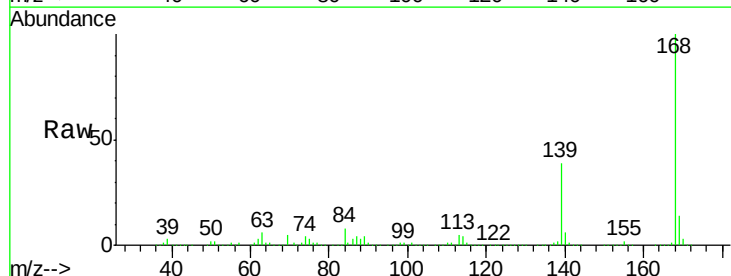
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

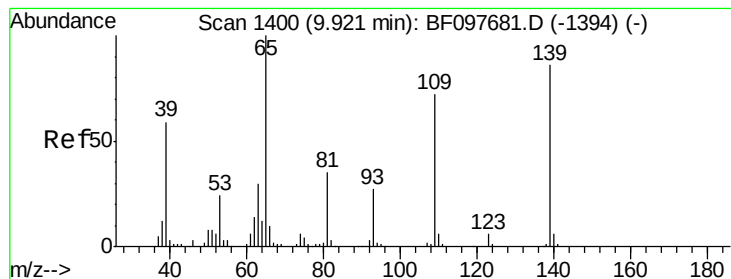
Tot Ion:184 Resp: 11341
Ion Ratio Lower Upper
184 100
63 90.2 62.7 94.1
154 77.0 81.1 121.7#



#54
Dibenzofuran
Concen: 40.71 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:168 Resp: 663287
Ion Ratio Lower Upper
168 100
139 39.4 30.6 45.8
169 13.9 10.8 16.2





#55

4-Nitrophenol

Concen: 72.34 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

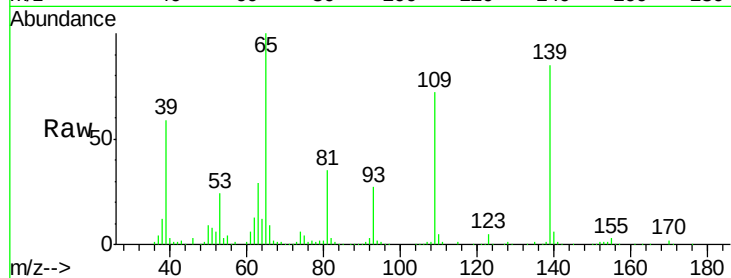
Tot Ion:139 Resp: 197902

Ion Ratio Lower Upper

139 100

109 83.8 34.1 74.1#

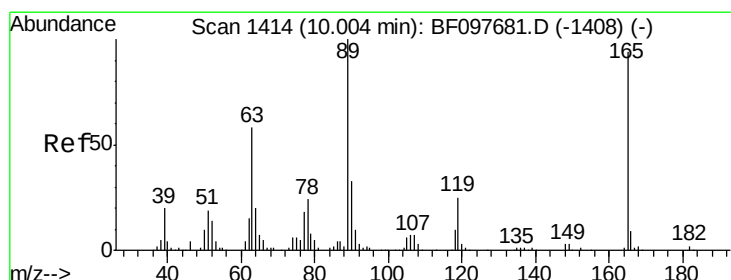
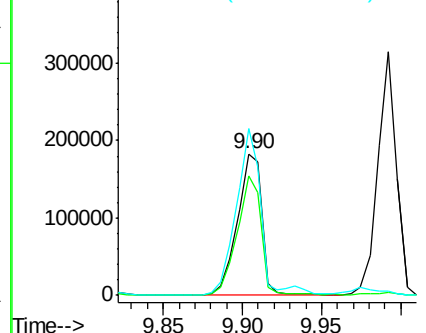
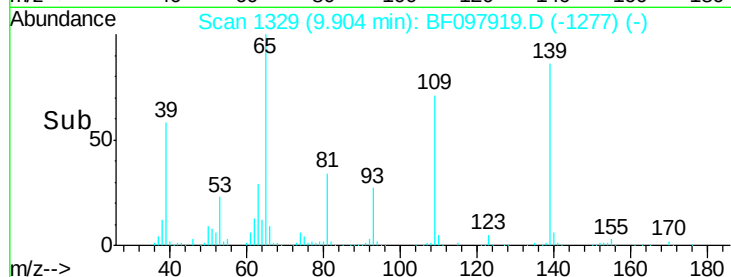
65 117.2 31.4 71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 39.81 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Tgt Ion:165 Resp: 132803

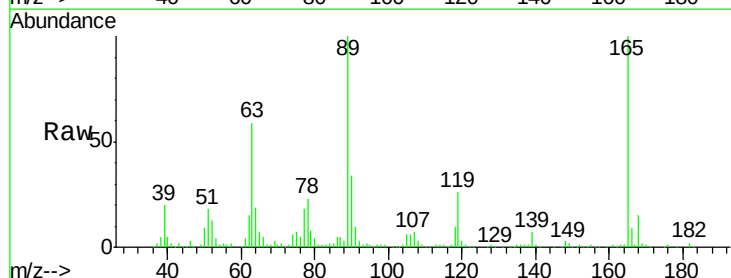
Ion Ratio Lower Upper

165 100

63 59.0 25.4 38.0#

89 99.5 46.4 69.6#

182 2.2 1.8 2.6

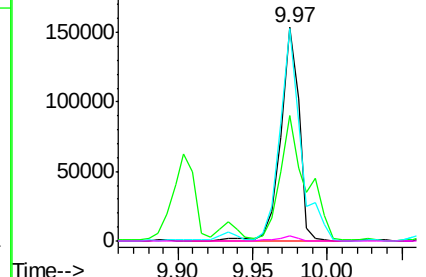
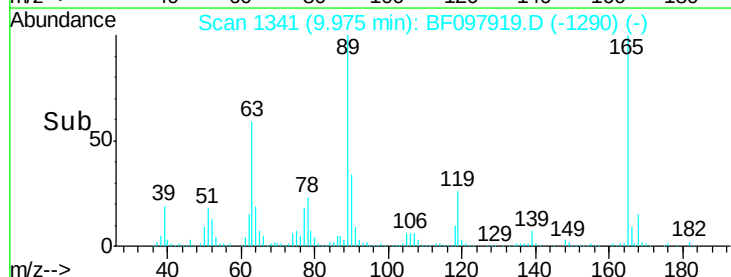


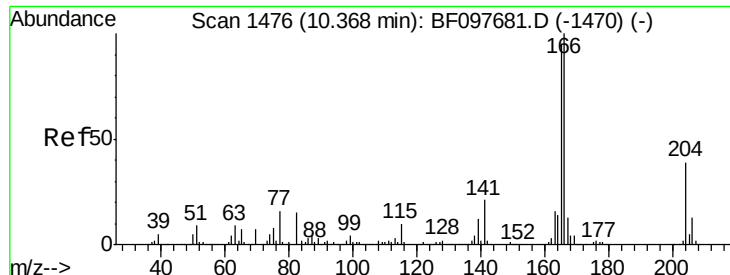
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

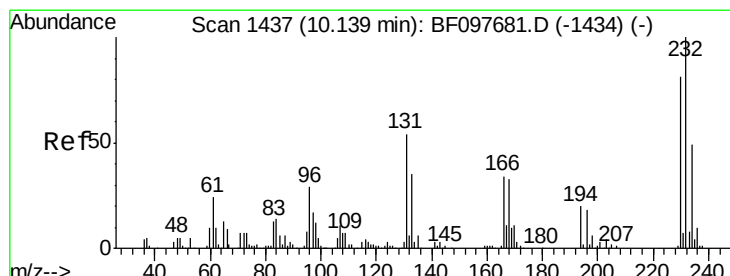
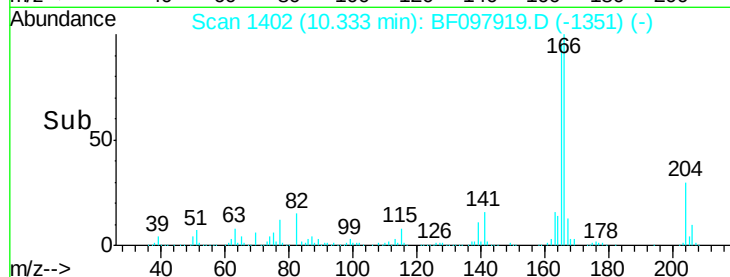
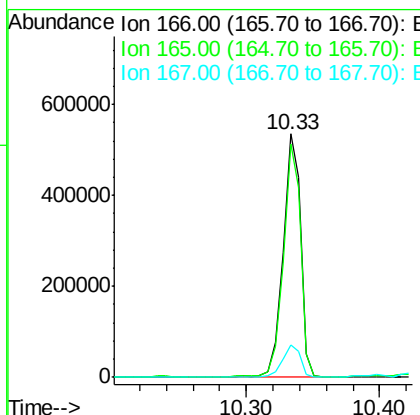
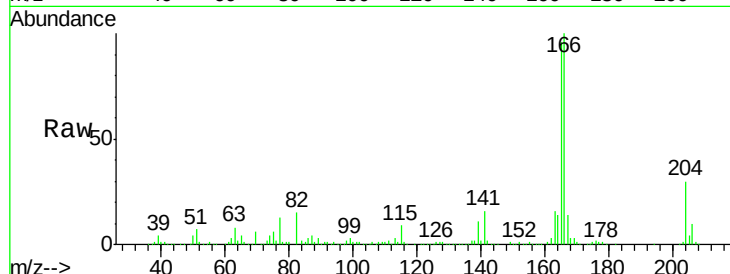




#57
 Fluorene
 Concen: 39.44 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

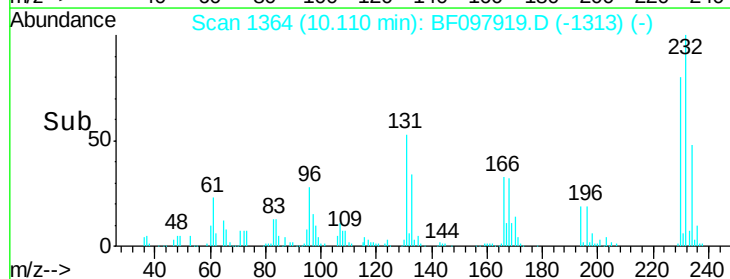
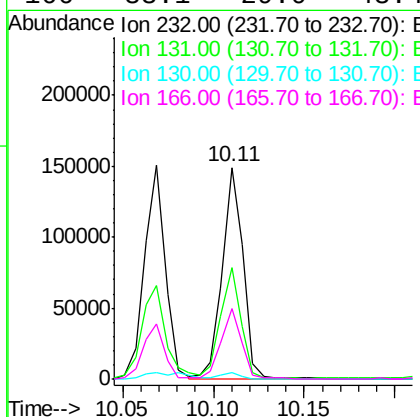
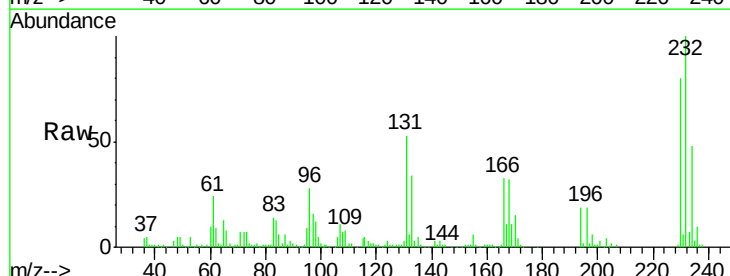
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

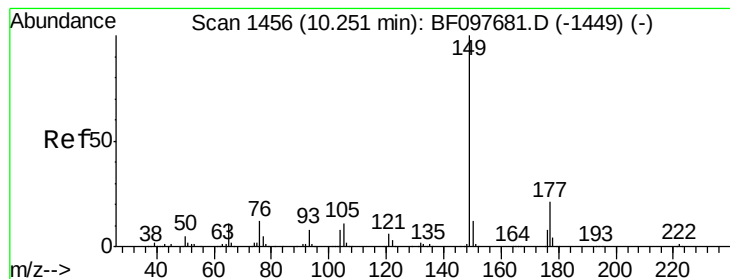
Tot Ion:166 Resp: 496761
 Ion Ratio Lower Upper
 166 100
 165 95.8 78.8 118.2
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.57 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:232 Resp: 119836
 Ion Ratio Lower Upper
 232 100
 131 51.3 44.8 67.2
 130 3.2 2.3 3.5
 166 33.1 29.0 43.4





#59

Diethylphthalate

Concen: 39.68 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

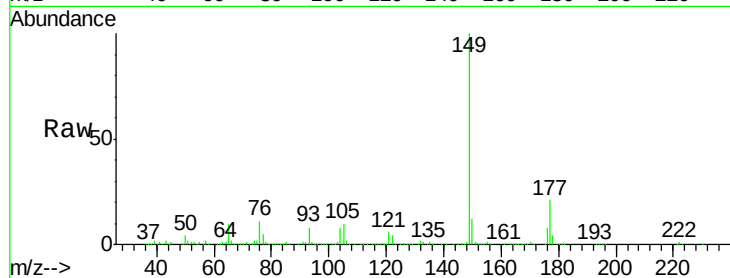
Tot Ion:149 Resp: 552483

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

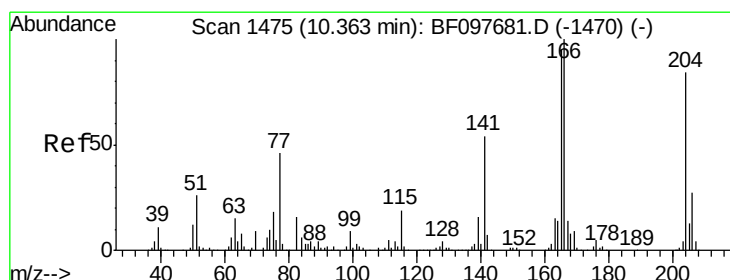
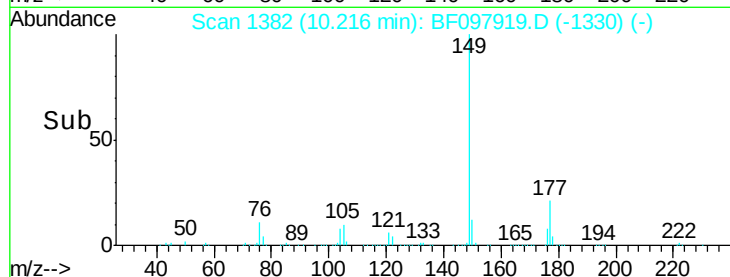
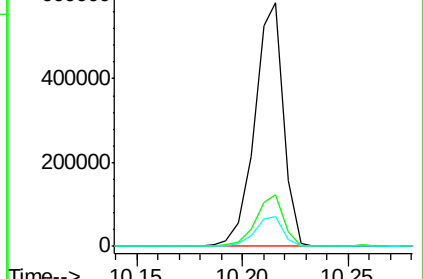
150 12.5 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 36.86 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

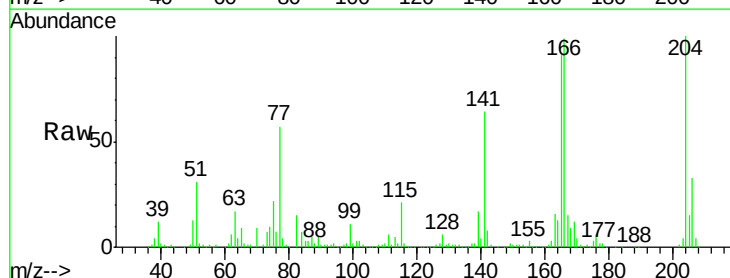
Tgt Ion:204 Resp: 215693

Ion Ratio Lower Upper

204 100

206 33.1 26.2 39.2

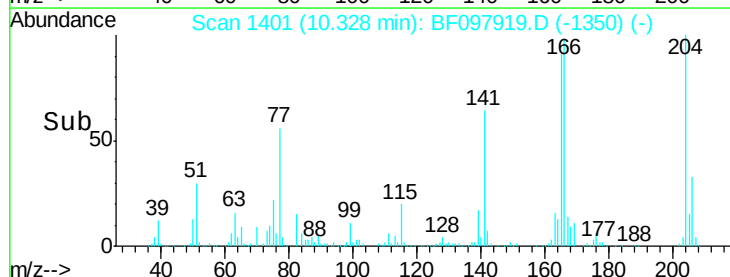
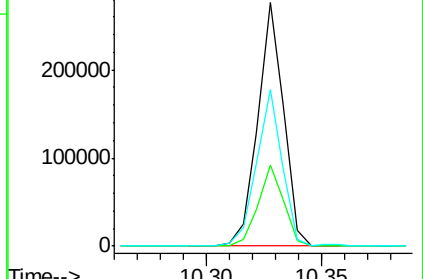
141 64.3 60.8 91.2

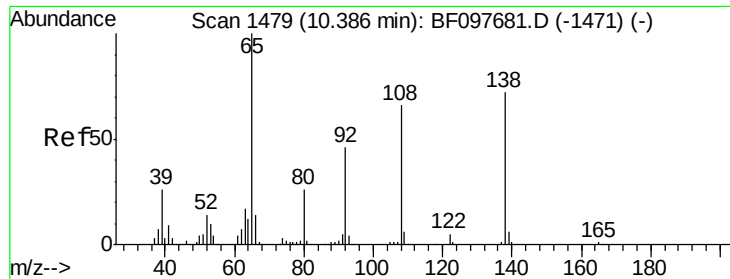


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

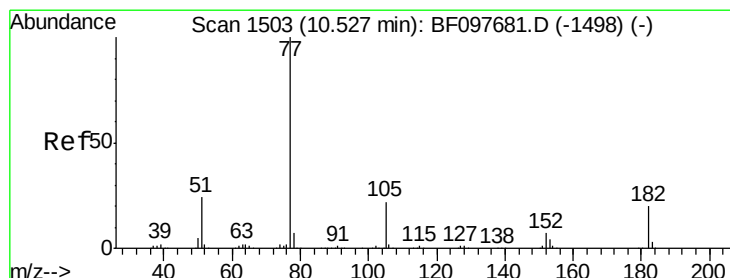
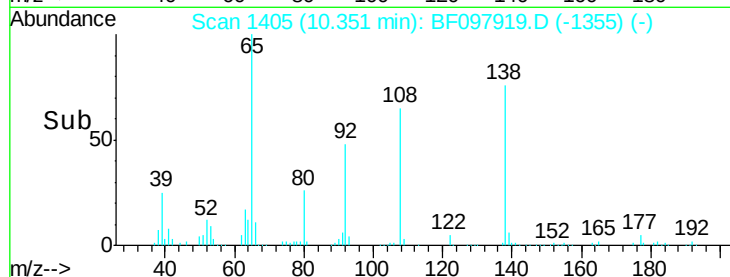
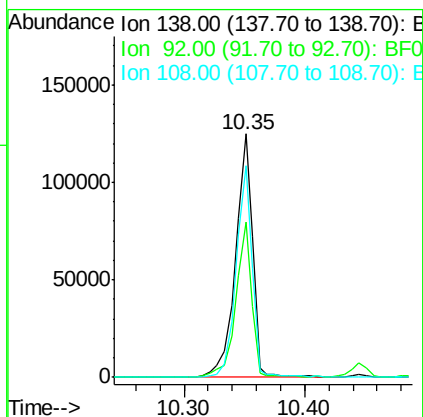
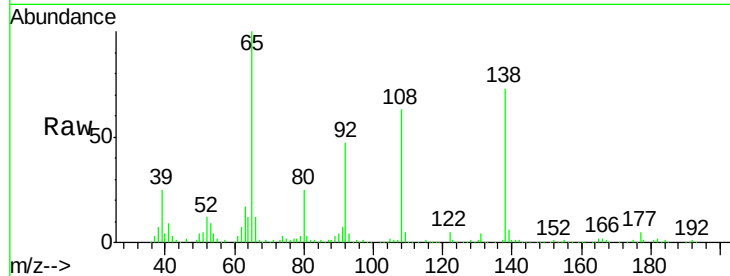




#61
4-Nitroaniline
Concen: 38.07 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

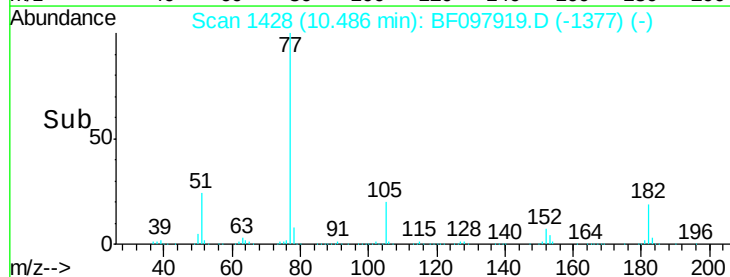
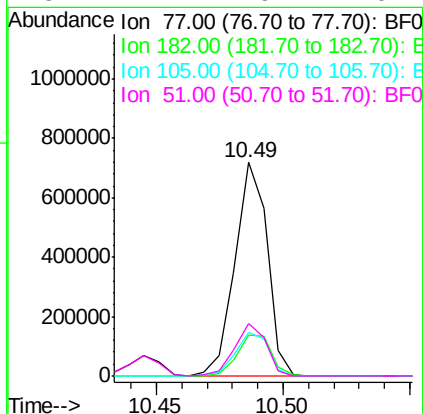
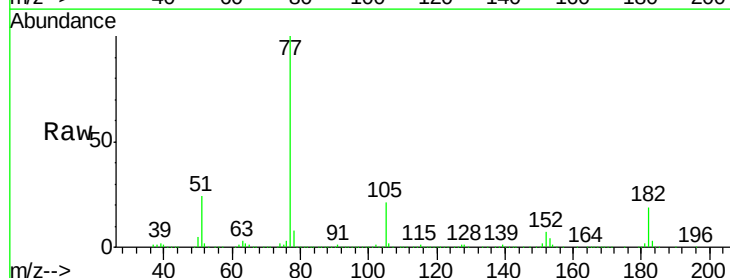
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

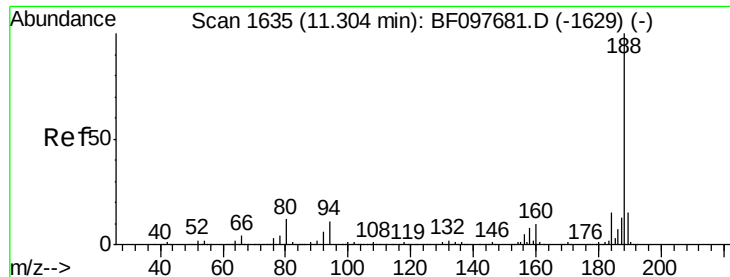
Tot Ion:138 Resp: 124085
Ion Ratio Lower Upper
138 100
92 63.8 21.8 61.8#
108 86.8 42.3 82.3#



#62
Azobenzene
Concen: 38.27 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion: 77 Resp: 632977
Ion Ratio Lower Upper
77 100
182 19.0 0.1 40.1
105 20.6 3.6 43.6
51 24.4 9.4 49.4

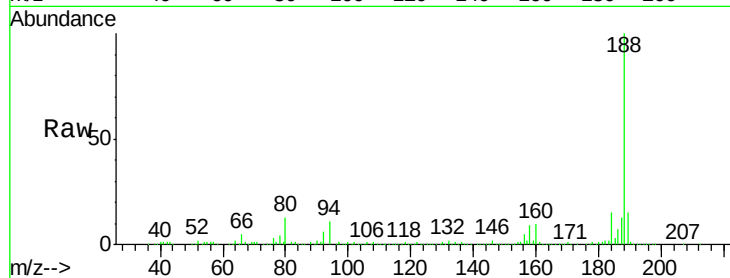




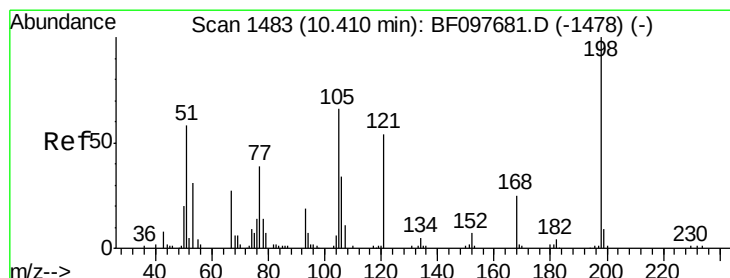
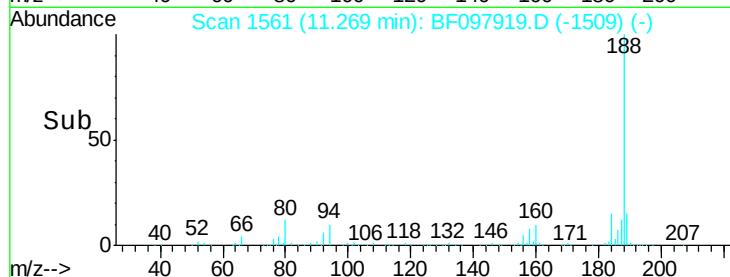
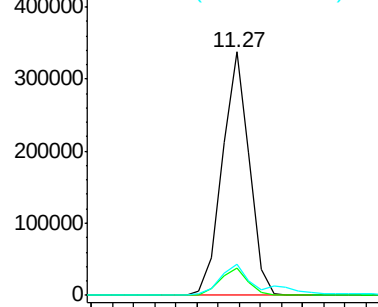
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

Tot Ion:188 Resp: 298334
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.5 10.2 15.2

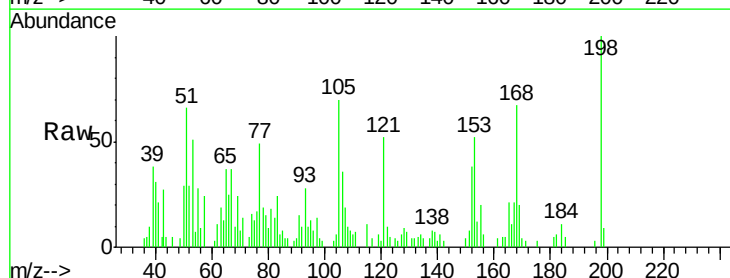


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

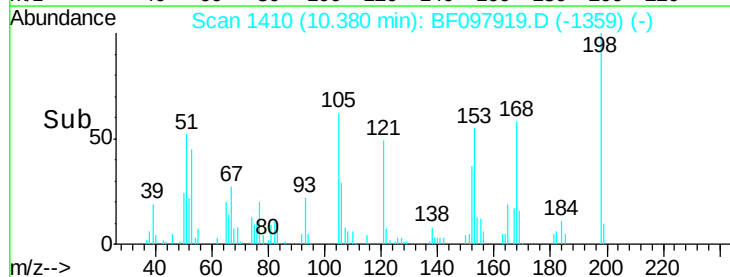
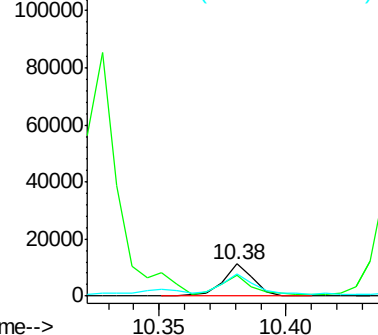


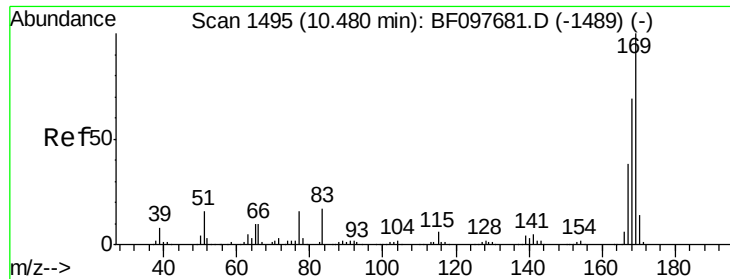
#64
4,6-Dinitro-2-methylphenol
Concen: 13.66 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:198 Resp: 9078
Ion Ratio Lower Upper
198 100
51 65.7 53.2 93.2
105 69.9 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.36 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

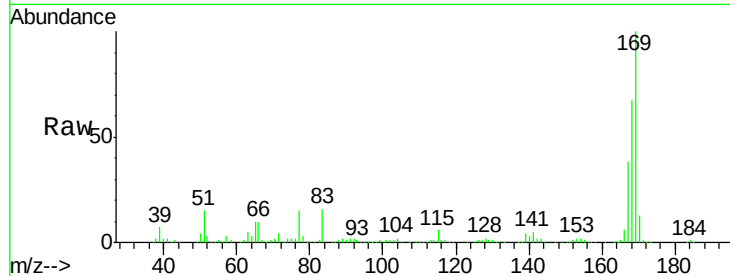
Tot Ion:169 Resp: 430386

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

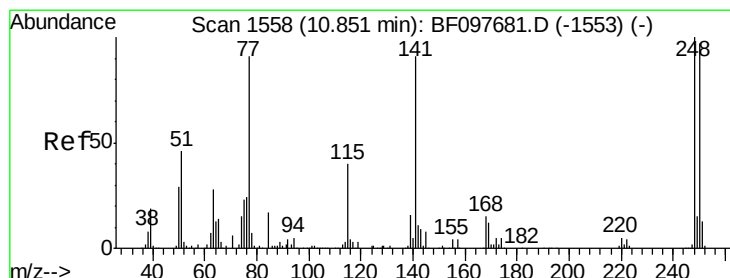
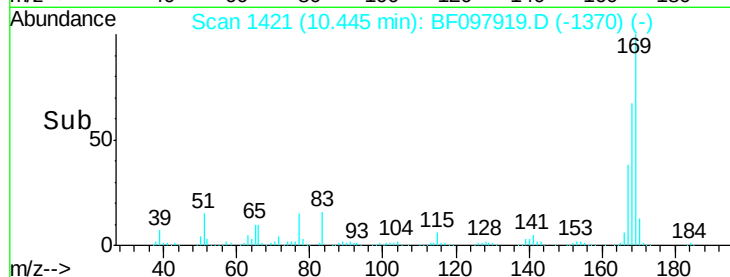
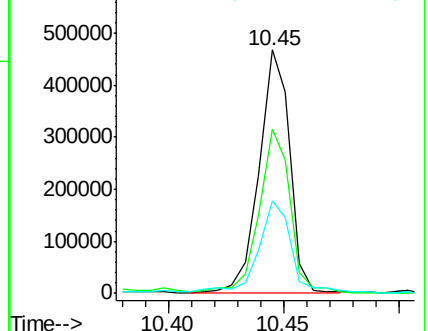
167 37.9 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 41.71 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

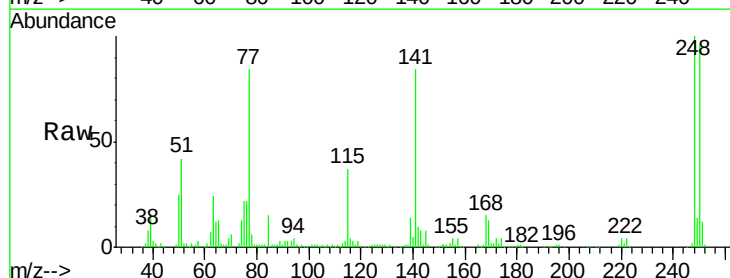
Tgt Ion:248 Resp: 129204

Ion Ratio Lower Upper

248 100

250 95.8 76.8 115.2

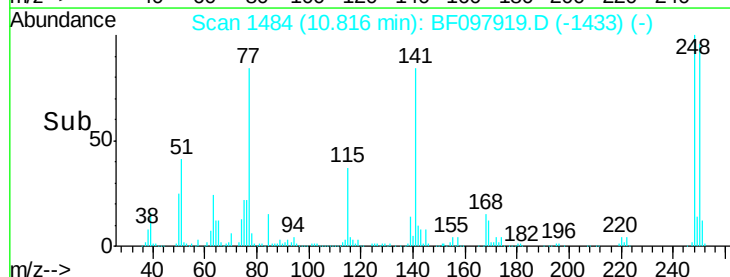
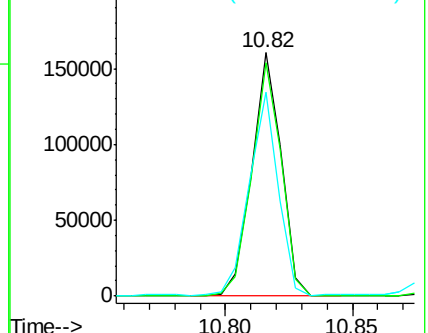
141 83.8 68.6 103.0

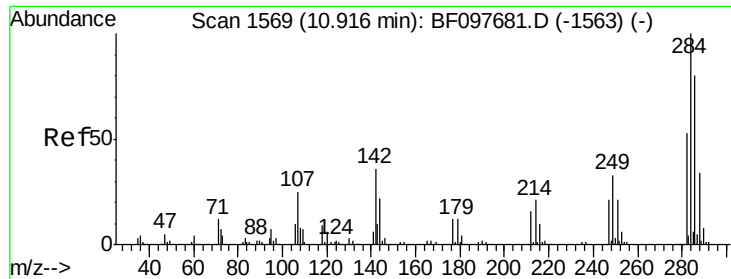


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.29 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

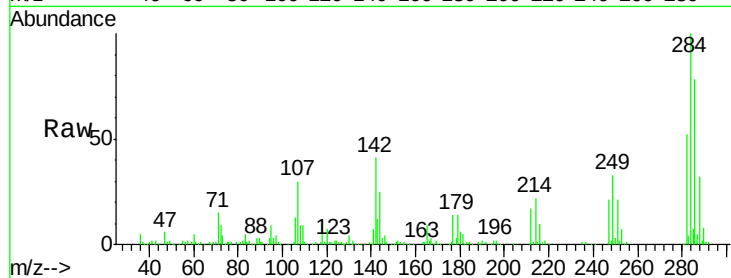
Tot Ion:284 Resp: 120905

Ion Ratio Lower Upper

284 100

142 41.5 22.8 34.2#

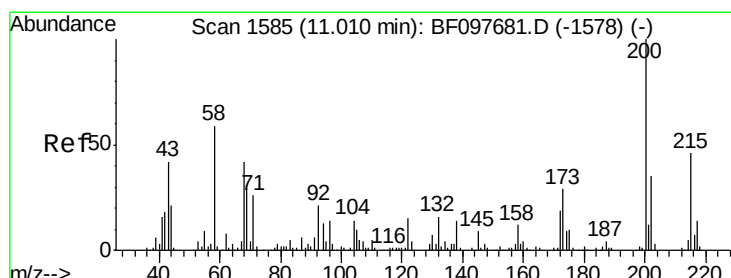
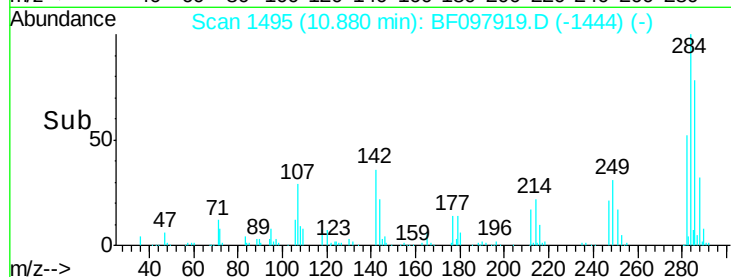
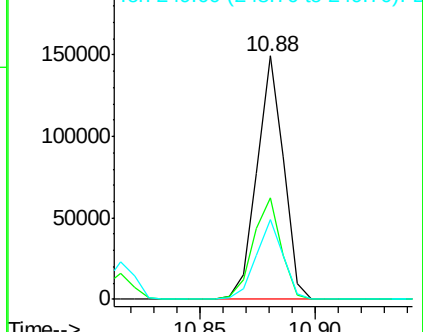
249 32.8 24.0 36.0



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



#68

Atrazine

Concen: 41.59 ng

RT: 10.97 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

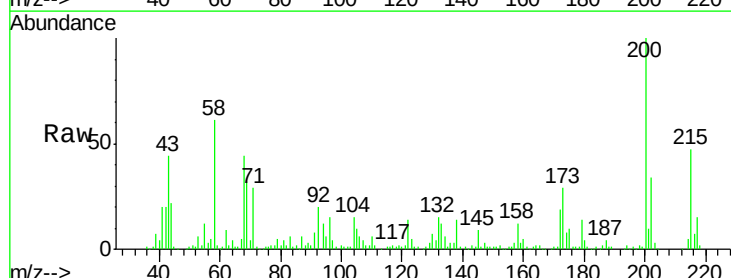
Tgt Ion:200 Resp: 112057

Ion Ratio Lower Upper

200 100

173 28.5 6.3 46.3

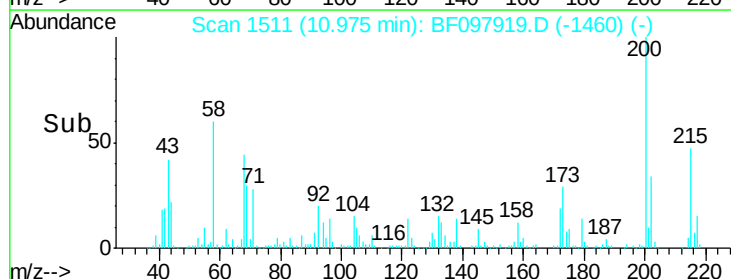
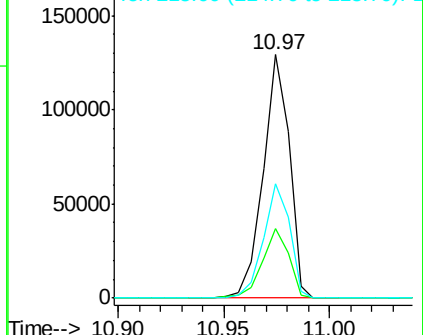
215 46.9 27.2 67.2

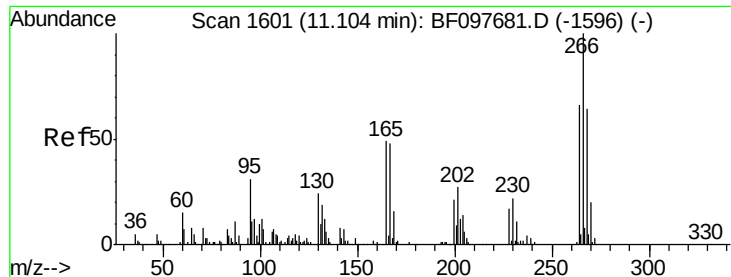


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

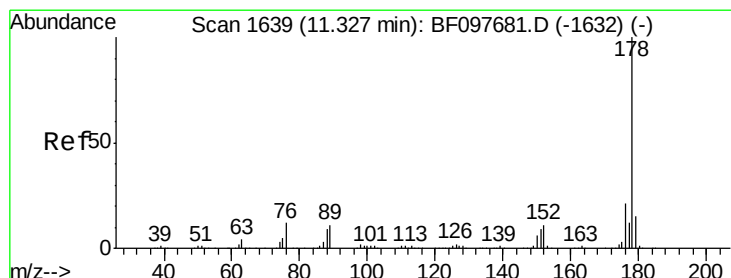
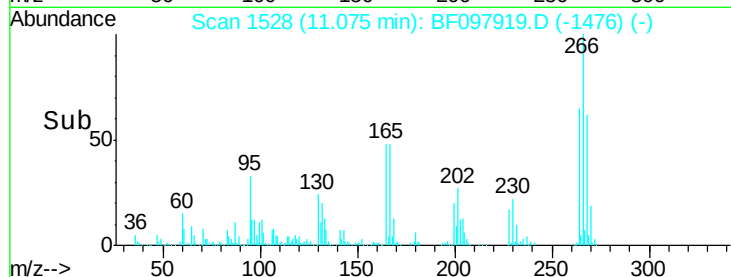
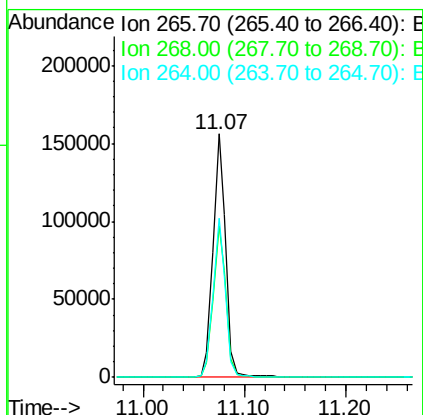
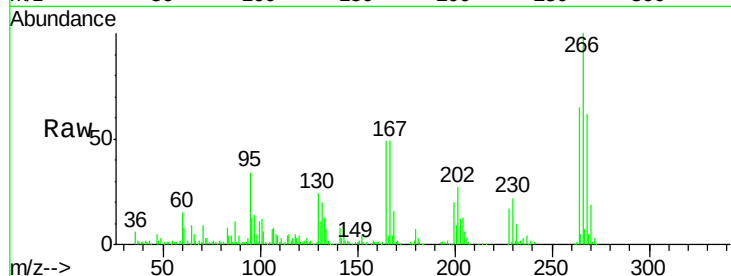




#69
 Pentachlorophenol
 Concen: 74.27 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

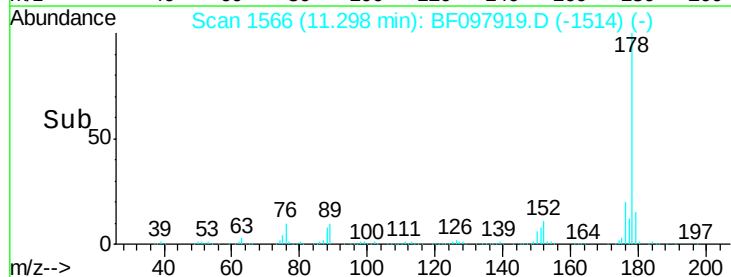
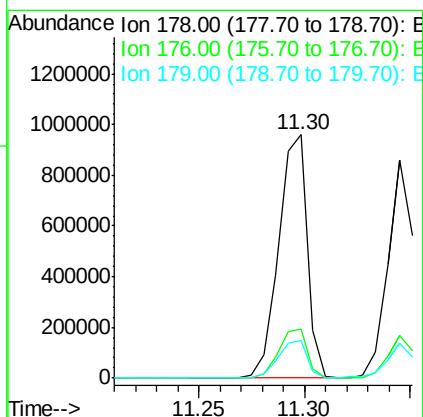
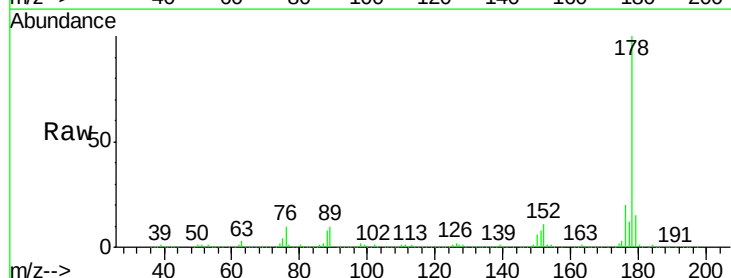
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

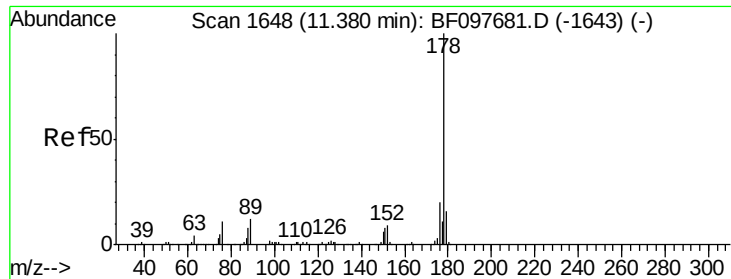
Tot Ion:266 Resp: 136738
 Ion Ratio Lower Upper
 266 100
 268 62.0 51.1 76.7
 264 65.1 51.7 77.5



#70
 Phenanthrene
 Concen: 56.97 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:178 Resp: 905689
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 15.4 12.6 19.0

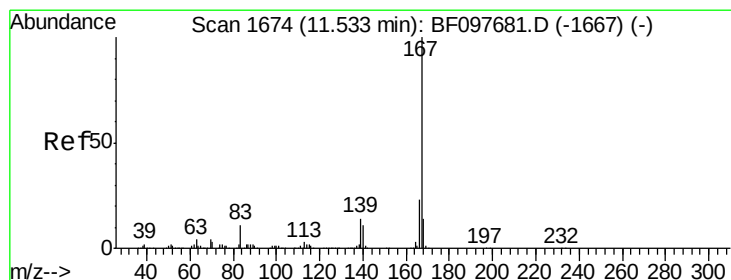
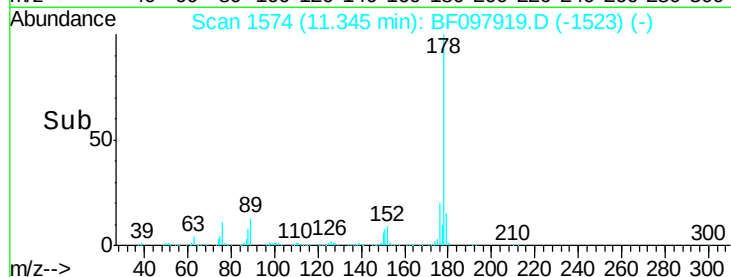
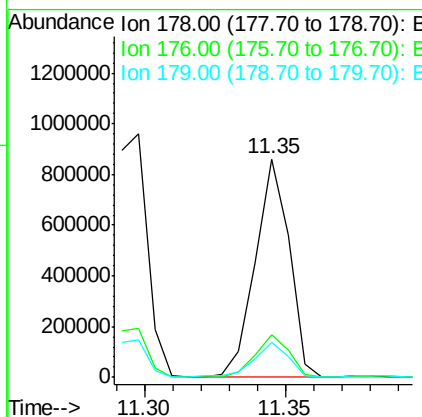
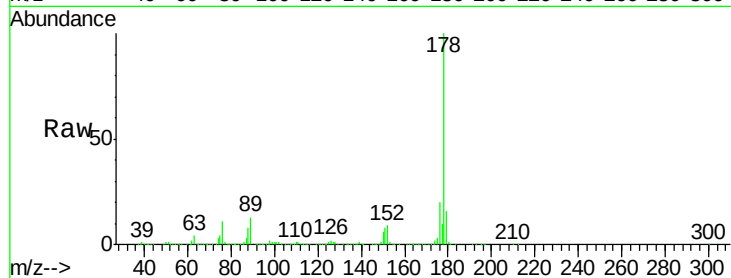




#71
 Anthracene
 Concen: 44.57 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

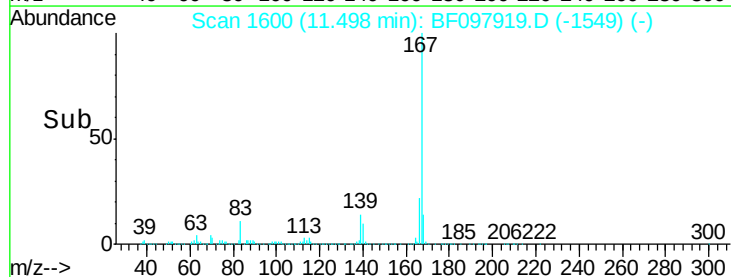
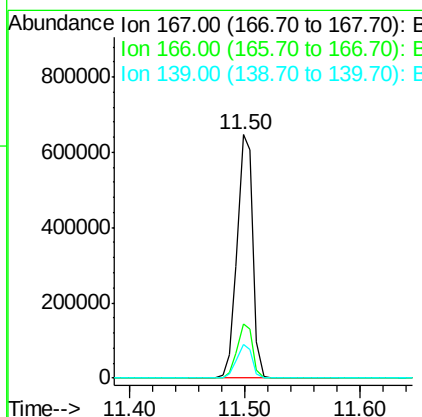
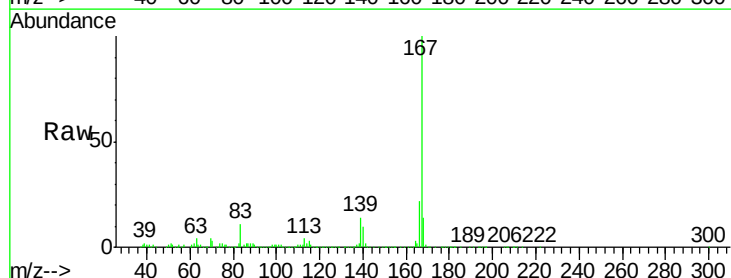
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

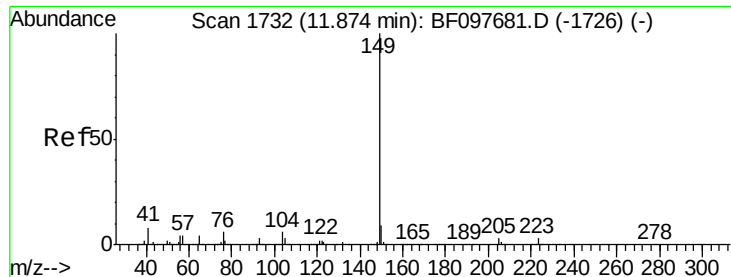
Tot Ion:178 Resp: 718680
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 39.90 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:167 Resp: 610692
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 43.00 ng

RT: 11.84 min Scan# 1658

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

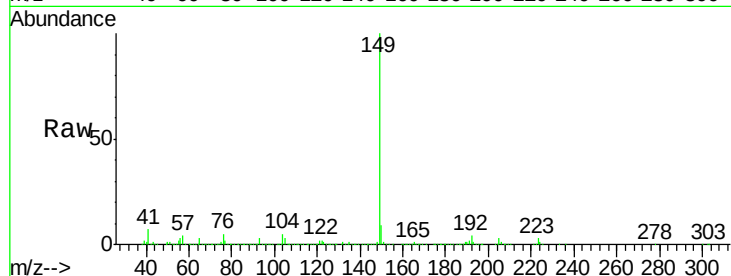
Tot Ion:149 Resp: 758033

Ion Ratio Lower Upper

149 100

150 9.2 7.7 11.5

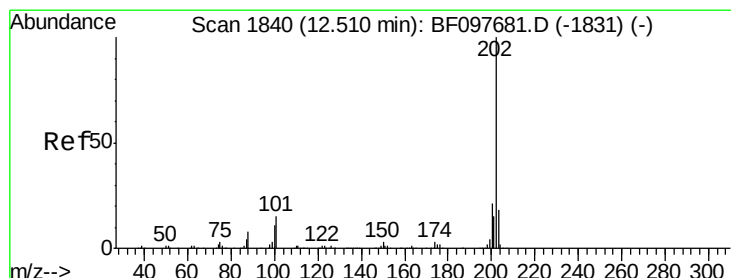
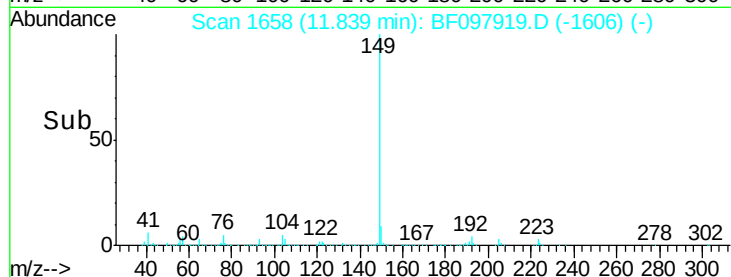
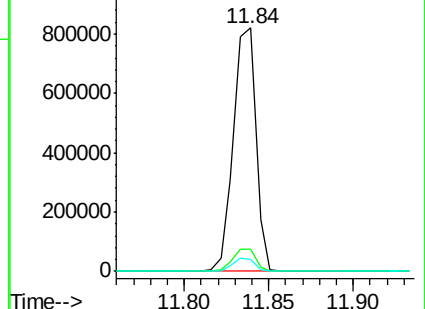
104 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 65.95 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

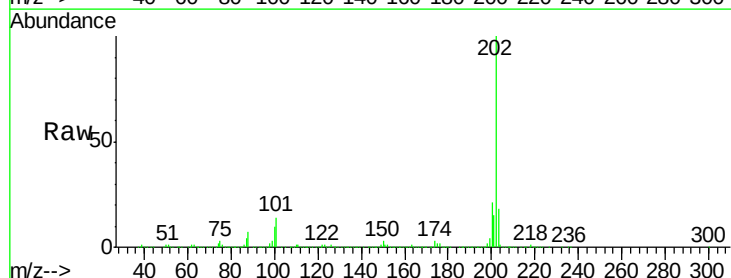
Tgt Ion:202 Resp: 1094255

Ion Ratio Lower Upper

202 100

101 14.3 0.0 33.2

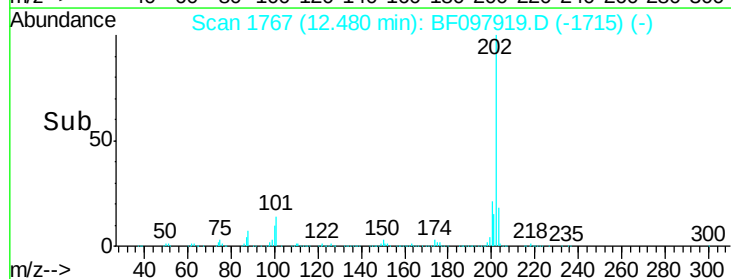
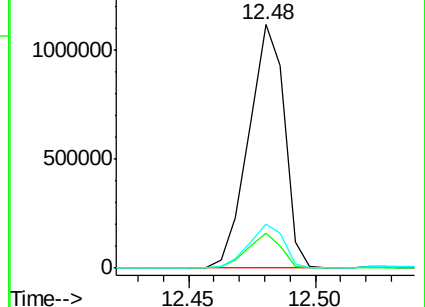
203 17.9 0.0 38.1

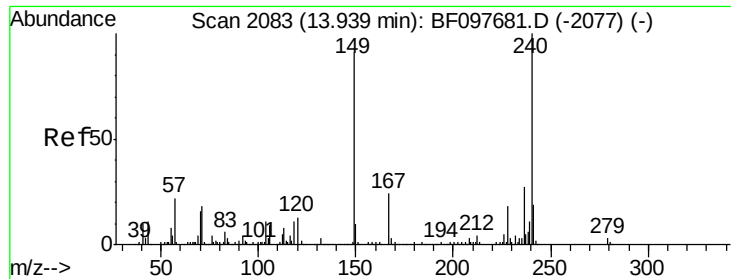


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

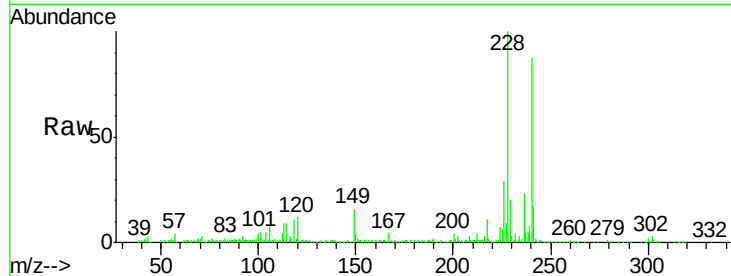
Tot Ion:240 Resp: 223292

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

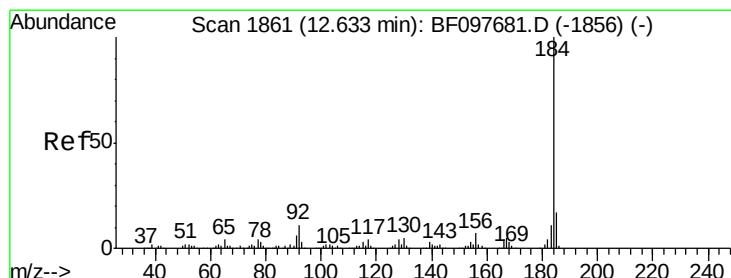
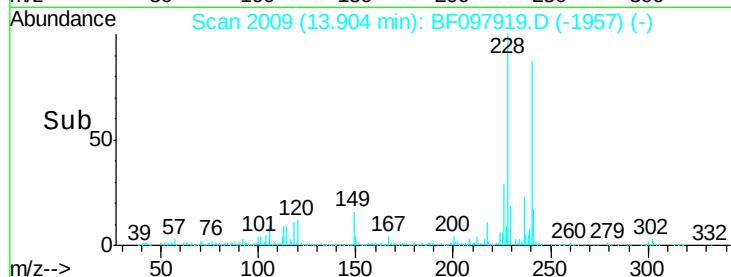
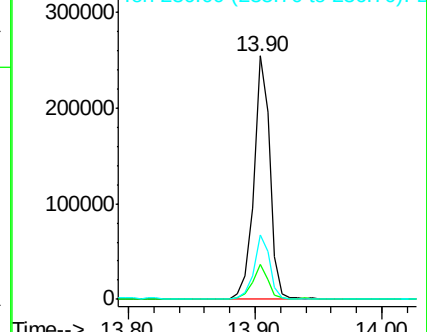
236 26.7 20.5 30.7



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



#76

Benzidine

Concen: 47.83 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

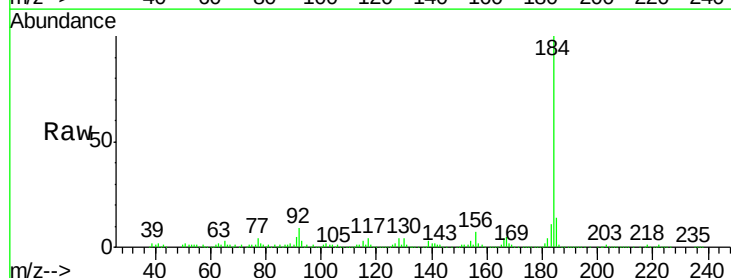
Tgt Ion:184 Resp: 350171

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

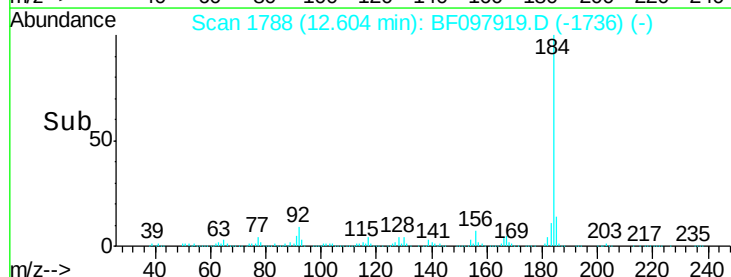
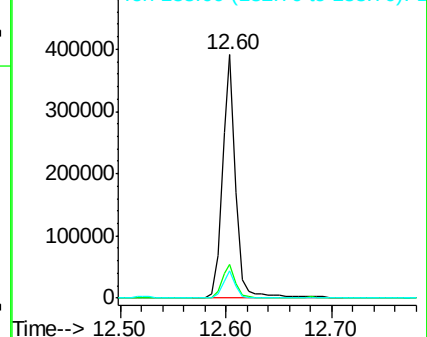
183 11.0 9.8 14.6

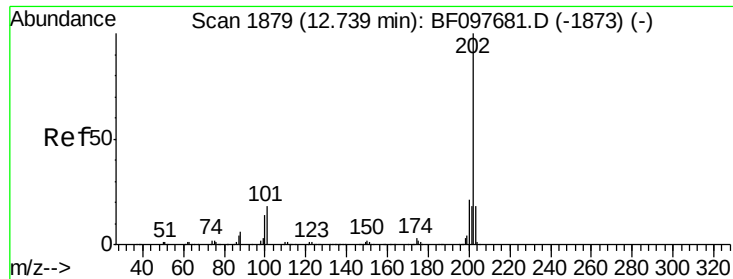


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

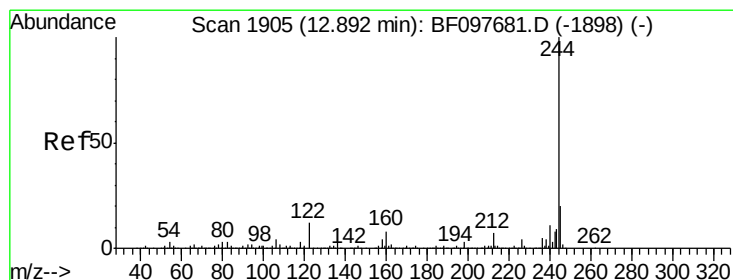
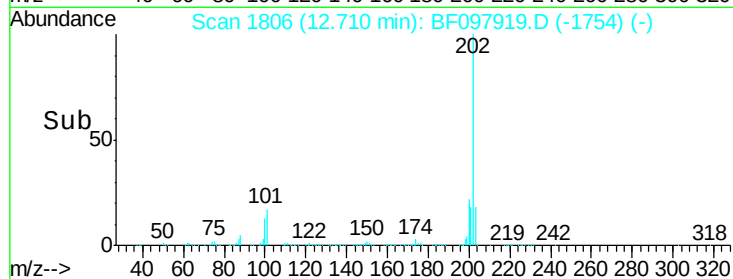
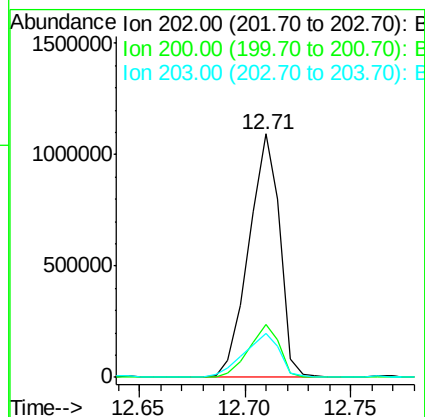
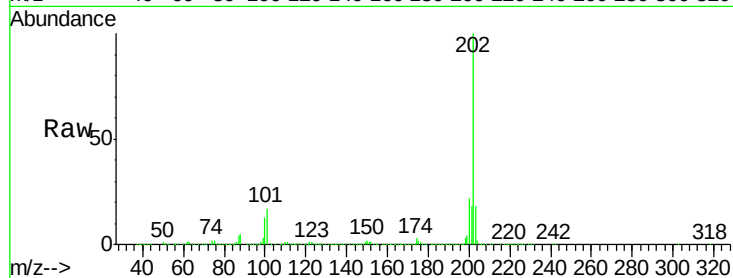




#77
Pvrene
Concen: 60.66 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

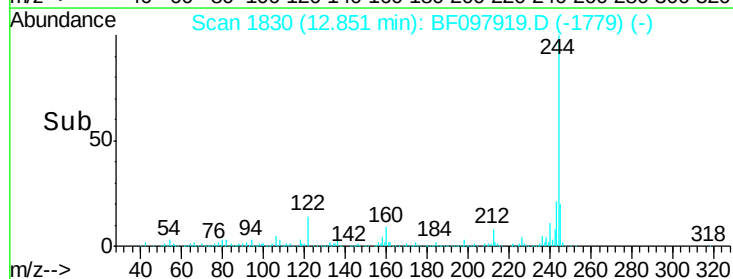
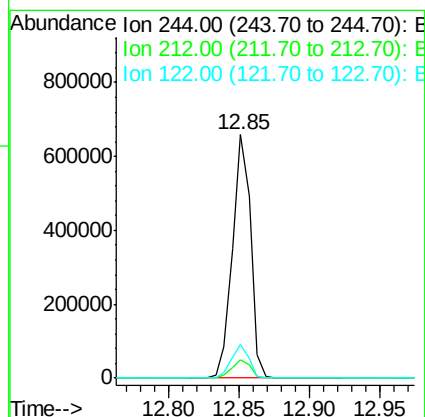
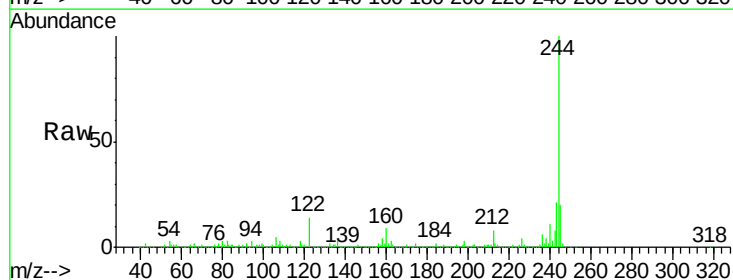
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

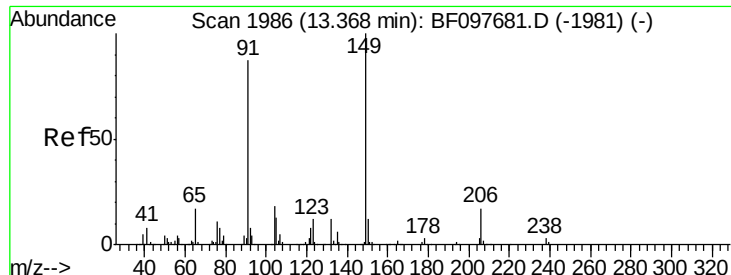
Tot Ion:202 Resp: 1107866
Ion Ratio Lower Upper
202 100
200 21.8 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 55.00 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:244 Resp: 588910
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 13.8 10.3 15.5

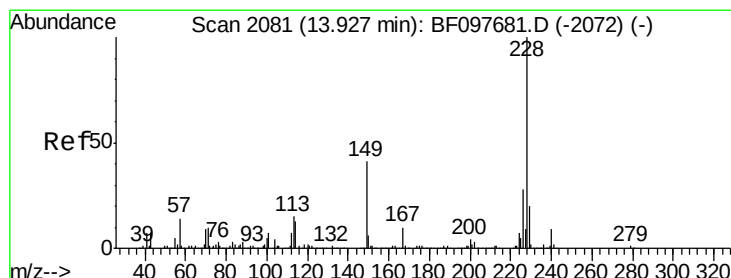
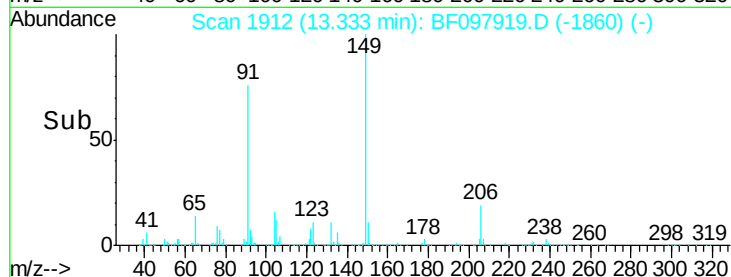
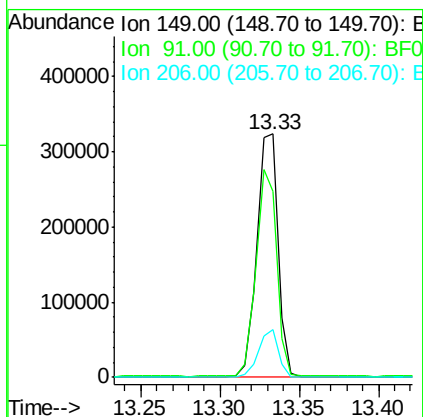
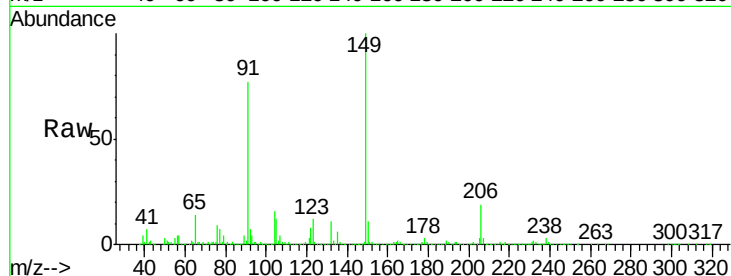




#79
Butylbenzylphthalate
Concen: 43.05 ng
RT: 13.33 min Scan# 1912
Delta R.T. 0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

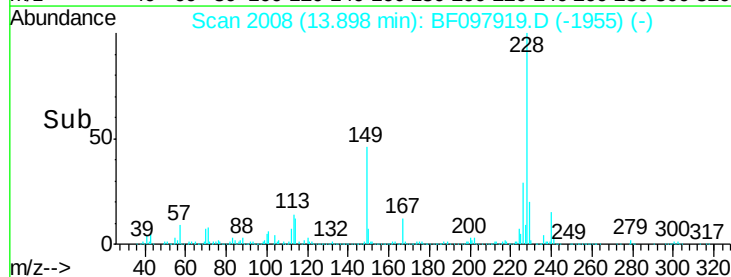
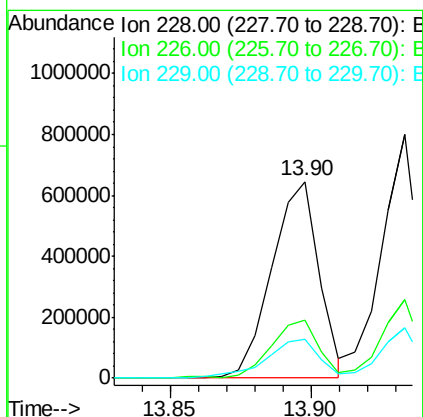
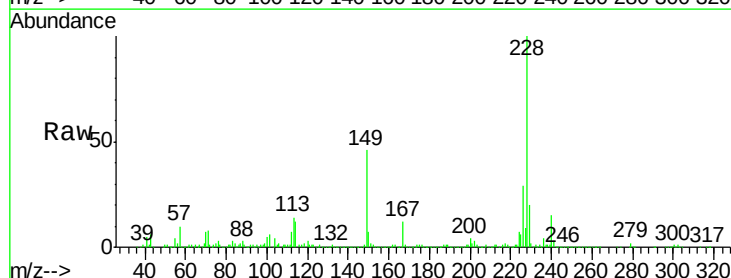
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

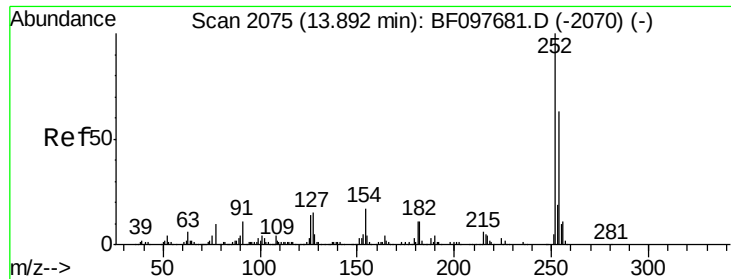
Tot Ion:149 Resp: 301407
Ion Ratio Lower Upper
149 100
91 76.6 45.0 67.4#
206 19.4 17.0 25.6



#80
Benzo(a)anthracene
Concen: 55.19 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:228 Resp: 738633
Ion Ratio Lower Upper
228 100
226 29.4 22.6 33.8
229 19.8 16.3 24.5

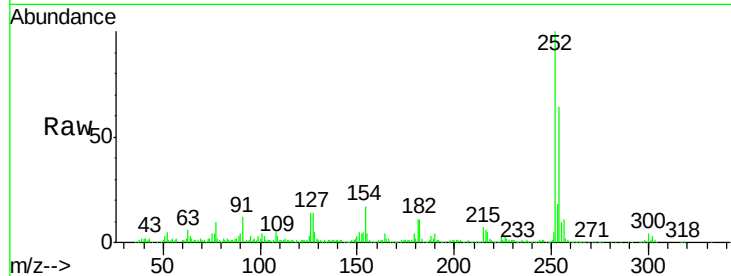




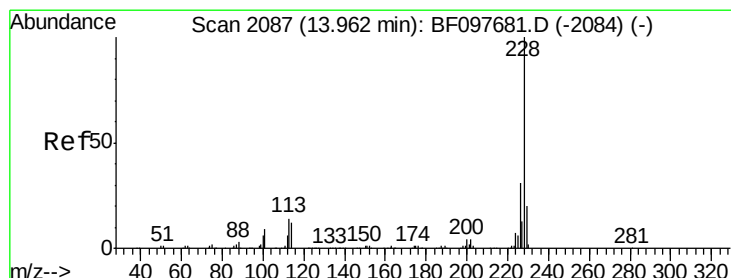
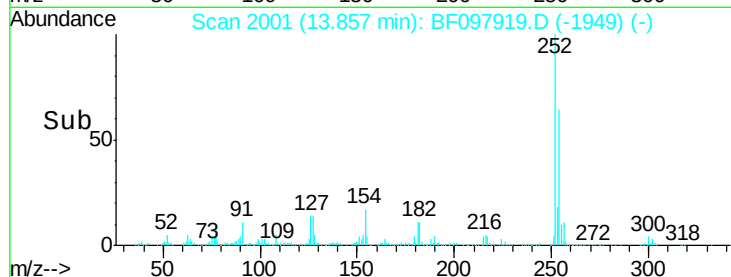
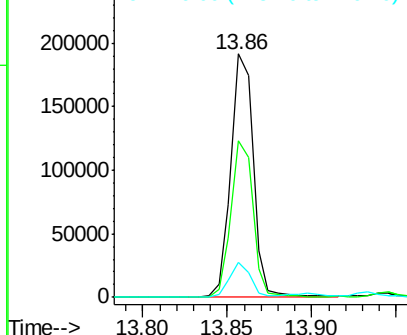
#81
 3,3'-Dichlorobenzidine
 Concen: 39.36 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

Tot Ion:252 Resp: 177733
 Ion Ratio Lower Upper
 252 100
 254 64.1 51.5 77.3
 126 14.4 15.8 23.8#

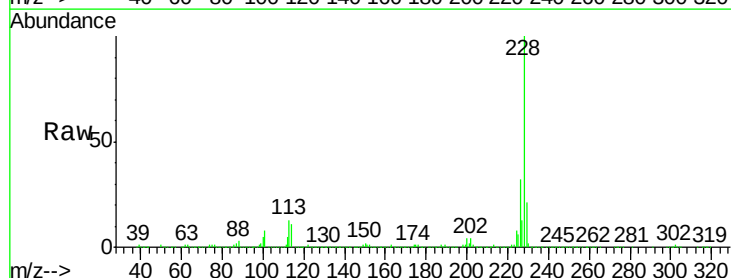


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

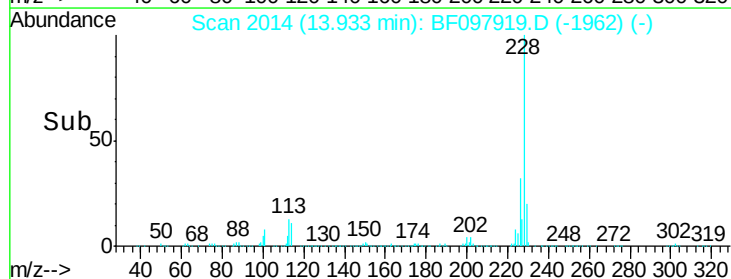
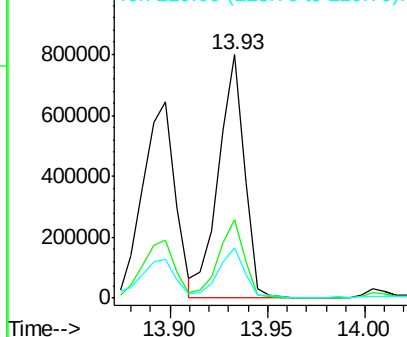


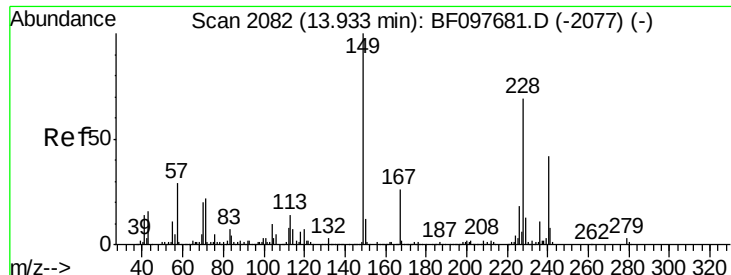
#82
 Chrysene
 Concen: 54.84 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:228 Resp: 730065
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.9 37.3
 229 20.6 15.8 23.6



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

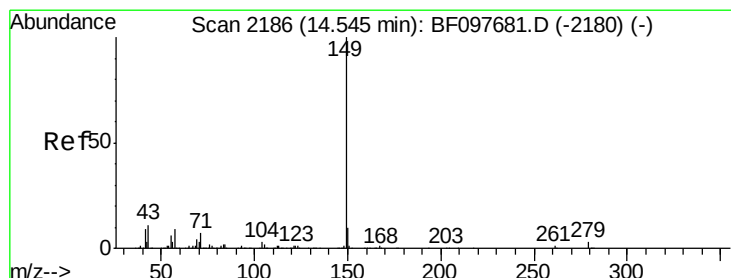
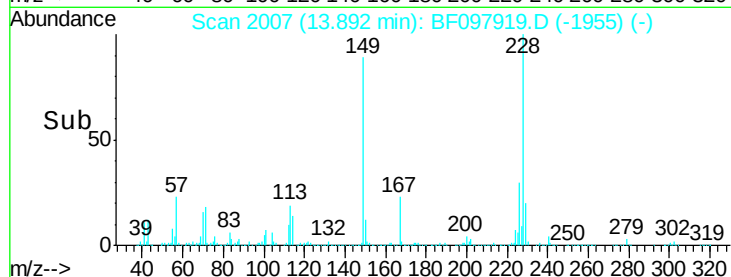
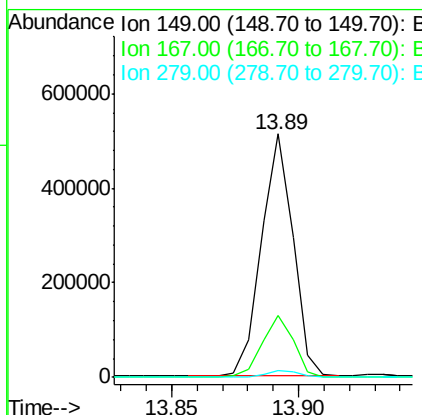
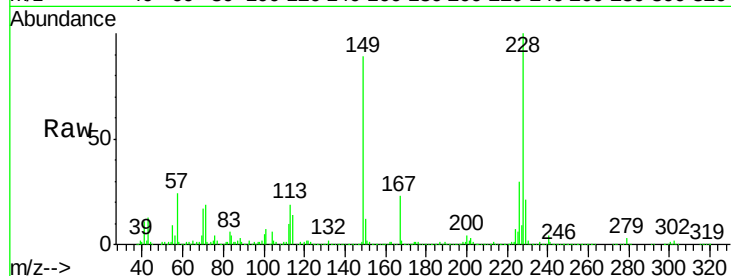




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 57.21 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

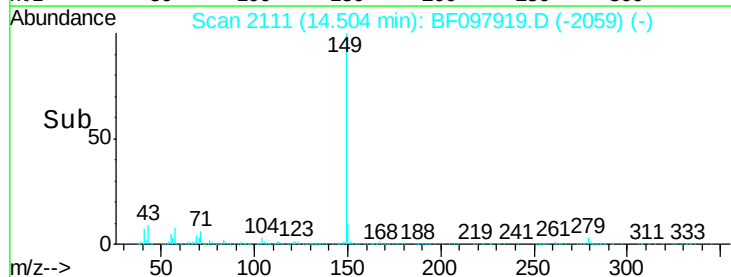
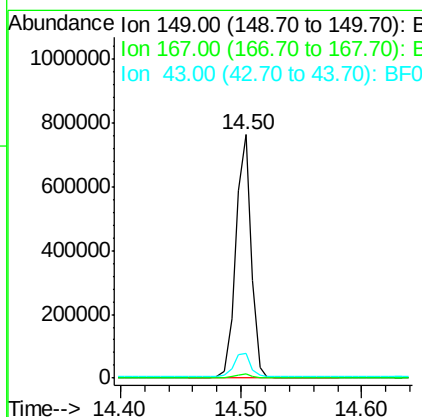
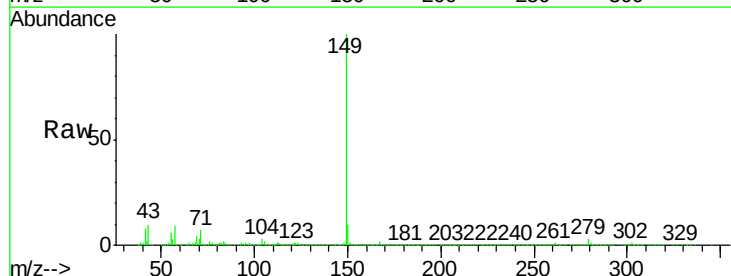
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

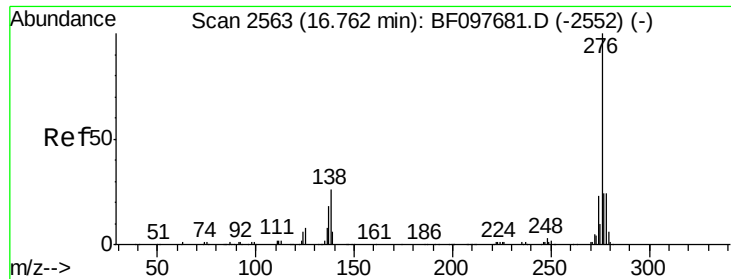
Tot Ion:149 Resp: 443893
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.73 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion:149 Resp: 671425
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.5 8.5 12.7

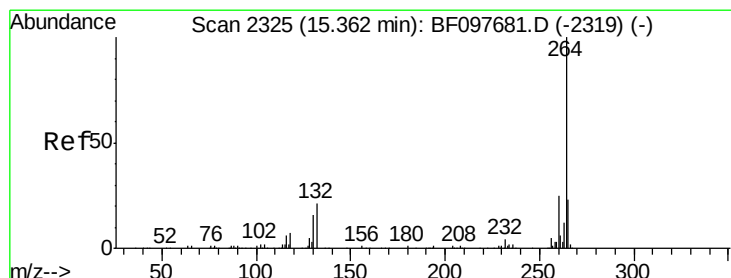
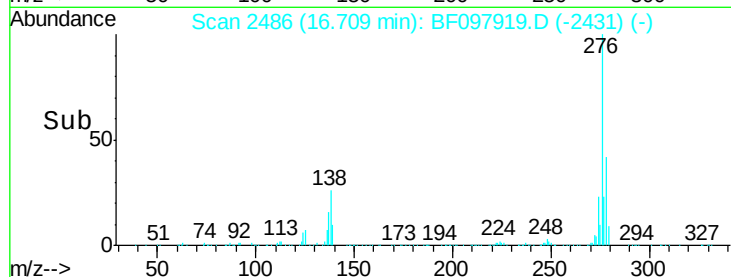
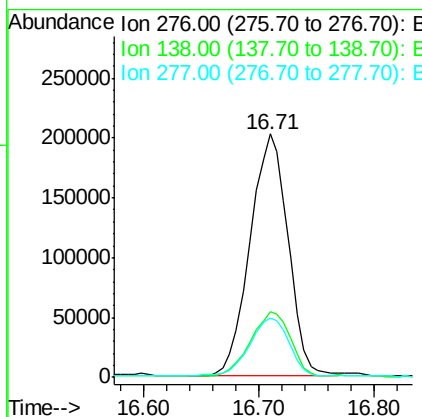
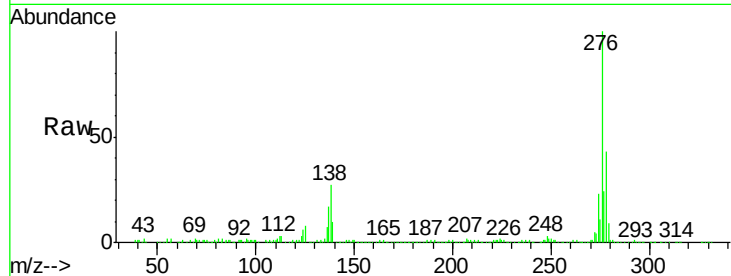




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.54 ng
 RT: 16.71 min Scan# 2486
 Delta R.T. 0.02 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

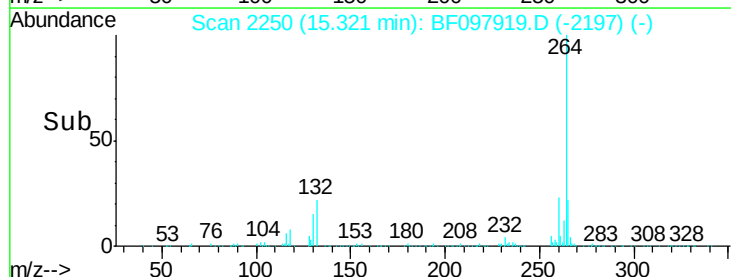
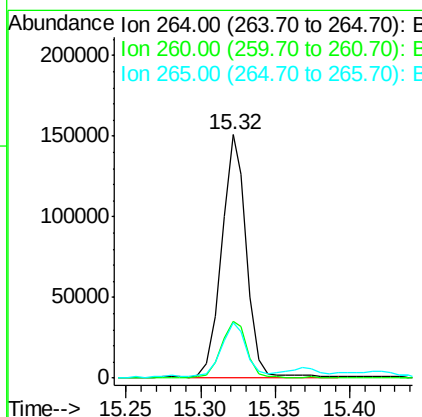
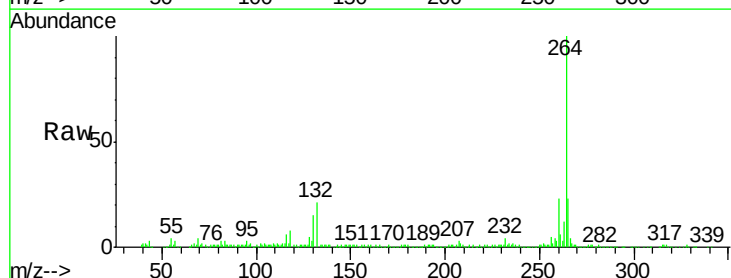
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMS

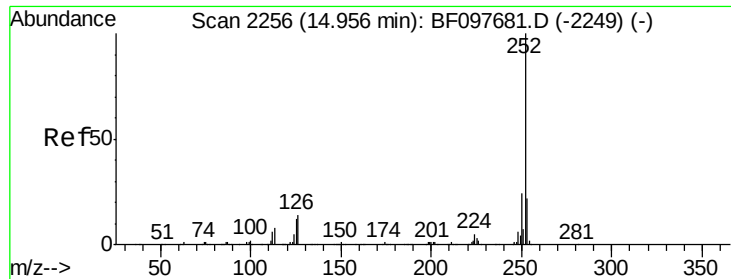
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	27.8	41.6#
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097919.D
 Acq: 21 Aug 2017 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	22.6	17.2	25.8

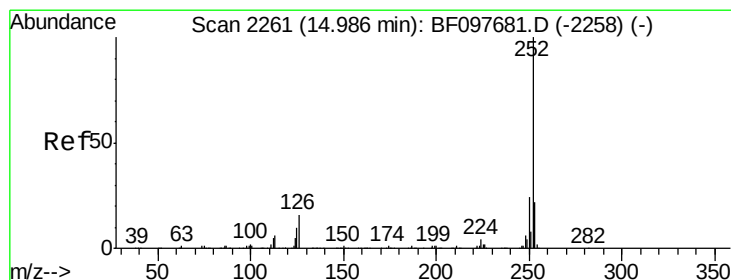
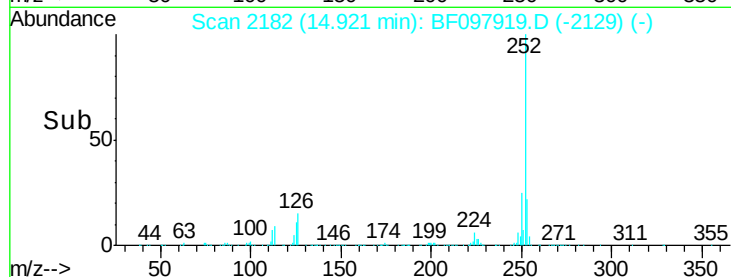
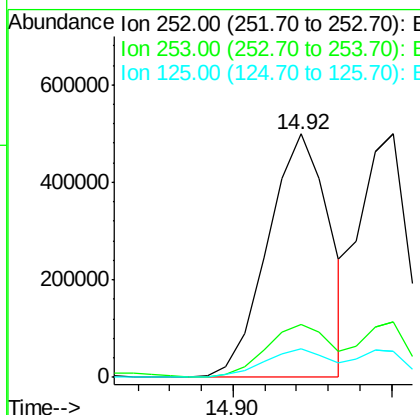
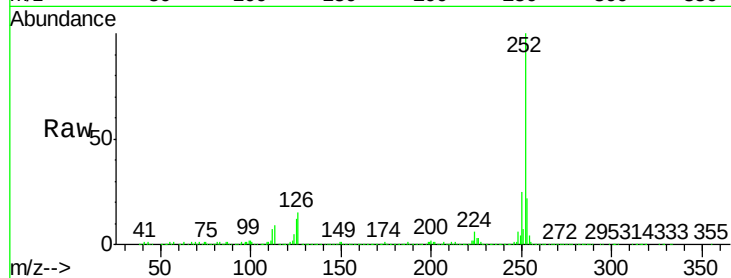




#87
Benzo(b)fluoranthene
Concen: 61.48 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

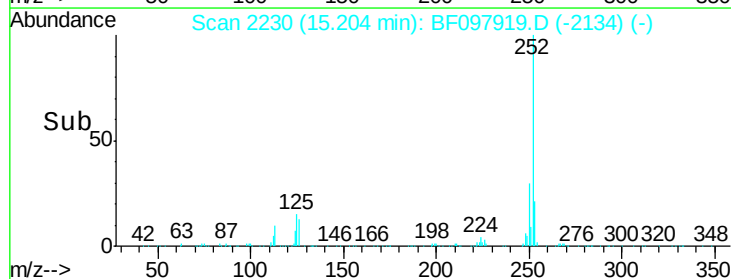
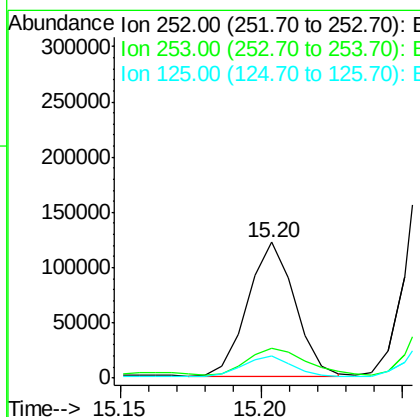
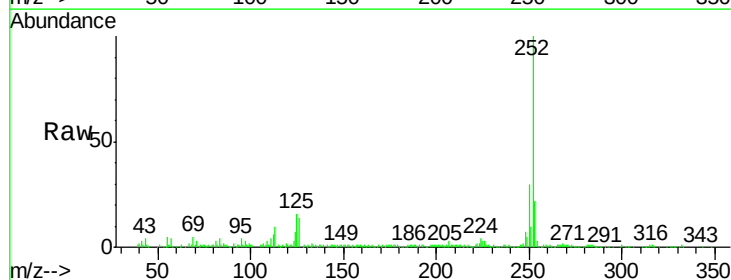
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

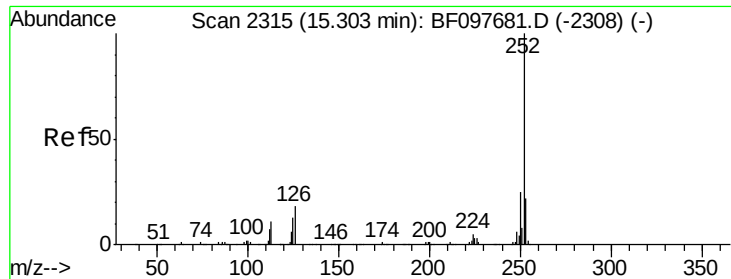
Tot Ion:252 Resp: 673759
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 11.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 13.58 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.26 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:252 Resp: 139822
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 16.3 13.1 19.7

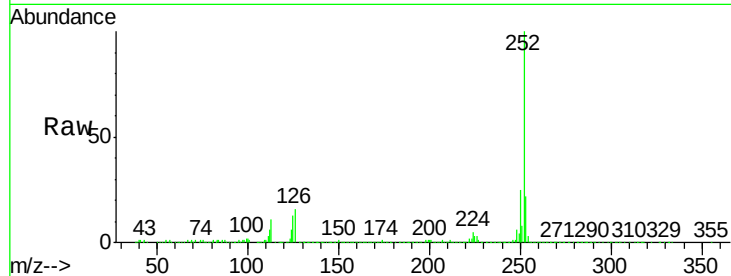




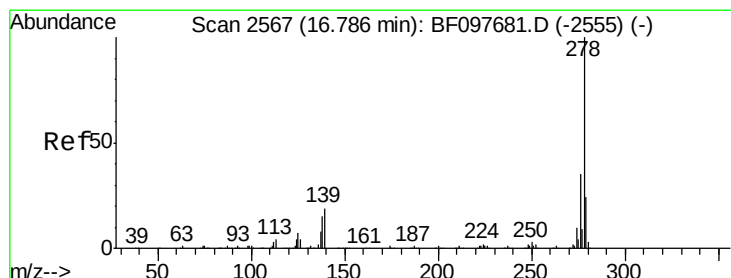
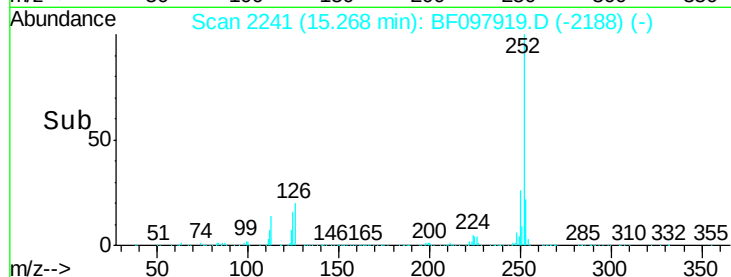
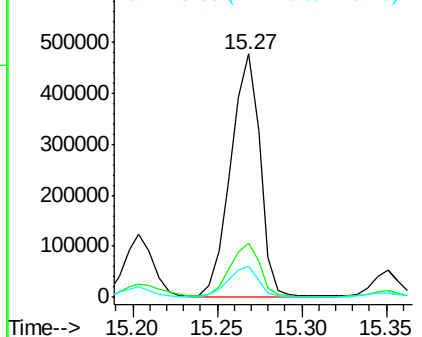
#89
Benzo(a)pyrene
Concen: 59.14 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMS

Tot Ion:252 Resp: 573744
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.0 11.0 16.4

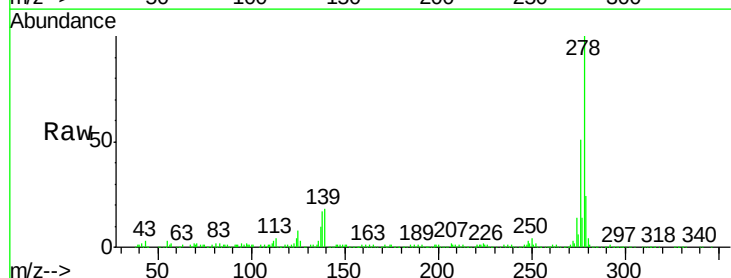


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

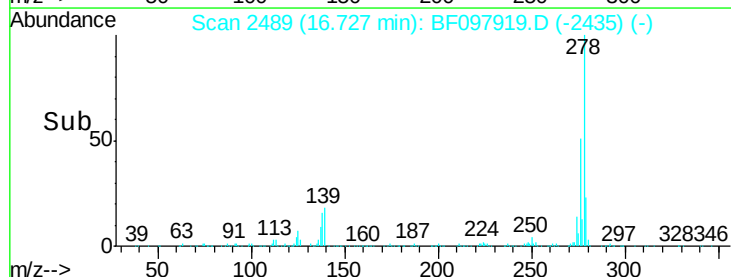
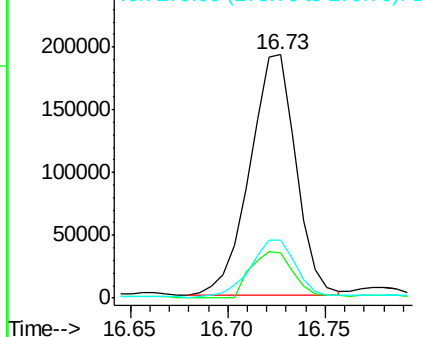


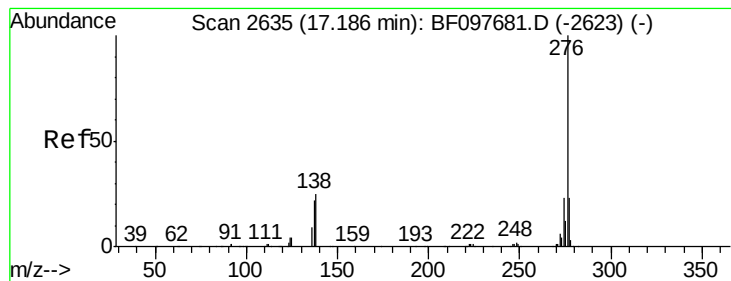
#90
Dibenzo(a,h)anthracene
Concen: 39.73 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097919.D
Acq: 21 Aug 2017 21:43

Tgt Ion:278 Resp: 313763
Ion Ratio Lower Upper
278 100
139 18.4 16.6 24.8
279 24.0 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 48.44 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF097919.D

Acq: 21 Aug 2017 21:43

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMS

Tot Ion:276 Resp: 399162

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 24.6 25.4 38.0#

