

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097737.D
 Acq On : 16 Aug 2017 14:26
 Operator : SJ/JU
 Sample : I4758-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Quant Time: Aug 16 15:19:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	158841	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	649909	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	305150	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	575272	20.00	ng	0.00
75) Chrysene-d12	13.94	240	362728	20.00	ng	0.00
86) Perylene-d12	15.36	264	276117	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1074556	102.90	ng	0.02
7) Phenol-d6	6.42	99	1394899	98.31	ng	0.00
23) Nitrobenzene-d5	7.35	82	995114	83.18	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	338371	127.80	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1496597	72.06	ng	0.00
78) Terphenyl-d14	12.89	244	1333932	76.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	184513	31.683	ng	# 78
3) Pyridine	3.36	79	267943	16.643	ng	# 88
4) n-Nitrosodimethylamine	3.30	42	215639	34.809	ng	# 80
6) Aniline	6.45	93	242876	12.185	ng	# 98
8) 2-Chlorophenol	6.57	128	412276	37.436	ng	# 97
9) Benzaldehyde	6.33	77	111081	12.360	ng	# 86
10) Phenol	6.43	94	527874	31.811	ng	# 94
11) bis(2-Chloroethyl)ether	6.52	93	472813	37.750	ng	# 97
12) 1,3-Dichlorobenzene	6.72	146	365930	30.891	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	380193	31.557	ng	# 93
14) 1,2-Dichlorobenzene	6.95	146	351438	31.635	ng	# 98
15) Benzyl Alcohol	6.92	79	430379	40.514	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	636350	37.762	ng	# 92
17) 2-Methylphenol	7.04	107	379950	39.150	ng	# 97
18) Hexachloroethane	7.29	117	147459	31.218	ng	# 80
19) n-Nitroso-di-n-propylamine	7.20	70	362422	37.314	ng	# 91
20) 3+4-Methylphenols	7.19	107	446609	37.677	ng	# 87
22) Acetophenone	7.19	105	636099	37.049	ng	# 90
24) Nitrobenzene	7.36	77	546883	41.056	ng	# 92
25) Isophorone	7.60	82	1017241	40.892	ng	# 96
26) 2-Nitrophenol	7.68	139	210044	44.014	ng	# 81
27) 2,4-Dimethylphenol	7.72	122	393627	37.941	ng	# 93
28) bis(2-Chloroethoxy)methane	7.82	93	622346	38.053	ng	# 99
29) 2,4-Dichlorophenol	7.92	162	340878	39.581	ng	# 95
30) 1,2,4-Trichlorobenzene	8.00	180	323479	33.883	ng	# 98
31) Naphthalene	8.09	128	1169554	34.664	ng	# 99
32) Benzoic acid	7.85	122	265624	36.856	ng	# 90
33) 4-Chloroaniline	8.13	127	168546	11.845	ng	# 99
34) Hexachlorobutadiene	8.20	225	182476	32.736	ng	# 98
35) Caprolactam	8.51	113	69088	23.597	ng	# 96
36) 4-Chloro-3-methylphenol	8.62	107	435291	39.340	ng	# 78
37) 2-Methylnaphthalene	8.77	142	806682	38.997	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	319955	34.165	ng	# 98
40) Hexachlorocyclopentadiene	8.93	237	347800	77.306	ng	# 99

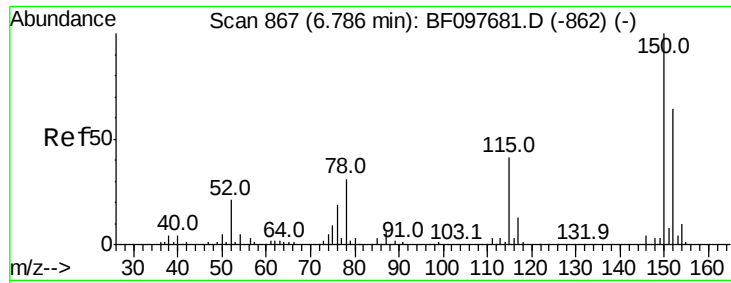
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097737.D
 Acq On : 16 Aug 2017 14:26
 Operator : SJ/JU
 Sample : I4758-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Quant Time: Aug 16 15:19:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	242832	38.622	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	245296	39.326	nq	93
45) 1,1'-Biphenyl	9.24	154	975389	35.052	nq	96
46) 2-Chloronaphthalene	9.26	162	708620	34.465	nq	# 91
47) 2-Nitroaniline	9.36	65	288005	41.784	nq	97
48) Acenaphthylene	9.68	152	1201363	37.208	nq	100
49) Dimethylphthalate	9.55	163	887339	39.781	nq	99
50) 2,6-Dinitrotoluene	9.60	165	190191	42.717	nq	# 53
51) Acenaphthene	9.85	154	736784	36.182	nq	100
52) 3-Nitroaniline	9.77	138	98678	17.178	nq	# 79
53) 2,4-Dinitrophenol	9.88	184	193246	89.817	nq	# 74
54) Dibenzofuran	10.03	168	1079203	39.544	nq	99
55) 4-Nitrophenol	9.93	139	319098	69.635	nq	# 34
56) 2,4-Dinitrotoluene	10.01	165	251453	45.002	nq	# 56
57) Fluorene	10.37	166	788940	37.390	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	213590	44.228	nq	94
59) Diethylphthalate	10.25	149	943403	40.444	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	372758	38.027	nq	# 86
61) 4-Nitroaniline	10.39	138	188687	34.560	nq	# 67
62) Azobenzene	10.52	77	1120105	40.426	nq	94
64) 4,6-Dinitro-2-methylphenol	10.42	198	121212	45.283	nq	# 75
65) n-Nitrosodiphenylamine	10.48	169	740711	37.811	nq	100
66) 4-Bromophenyl-phenylether	10.85	248	234758	39.298	nq	95
67) Hexachlorobenzene	10.91	284	225838	37.090	nq	# 81
68) Atrazine	11.01	200	214842	41.354	nq	97
69) Pentachlorophenol	11.10	266	273283	76.977	nq	99
70) Phenanthrene	11.33	178	1153746	37.637	nq	100
71) Anthracene	11.38	178	1169687	37.620	nq	100
72) Carbazole	11.53	167	1064171	36.058	nq	98
73) Di-n-butylphthalate	11.87	149	1448146	42.599	nq	99
74) Fluoranthene	12.51	202	1170057	36.569	nq	98
77) Pyrene	12.74	202	1180061	39.777	nq	99
79) Butylbenzylphthalate	13.37	149	573901	50.456	nq	# 75
80) Benzo(a)anthracene	13.93	228	804725	37.016	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	129347	17.632	nq	# 95
82) Chrysene	13.96	228	798394	36.918	nq	99
83) Bis(2-ethylhexyl)phthalate	13.93	149	700687	55.592	nq	# 99
84) Di-n-octyl phthalate	14.54	149	1216046	55.450	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	680714	42.788	nq	95
87) Benzo(b)fluoranthene	14.95	252	665780	38.253	nq	100
88) Benzo(k)fluoranthene	14.99	252	606427	37.087	nq	# 93
89) Benzo(a)pyrene	15.30	252	598005	38.812	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	567347	45.230	nq	98
91) Benzo(g,h,i)perylene	17.19	276	584309	44.643	nq	# 91

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

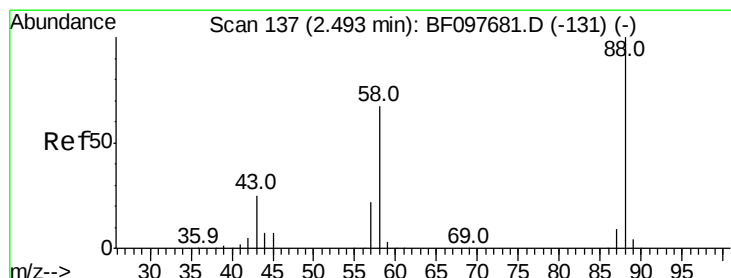
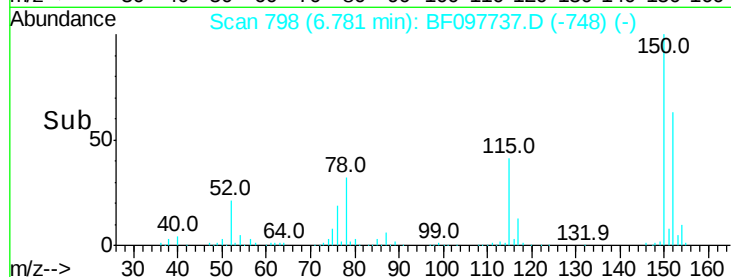
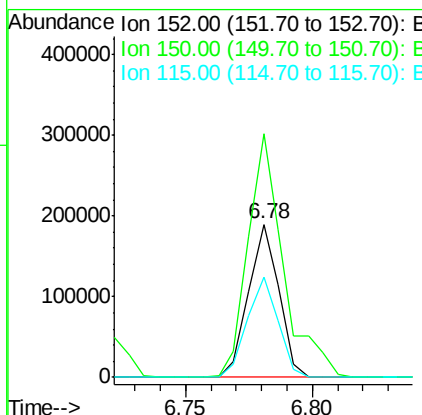
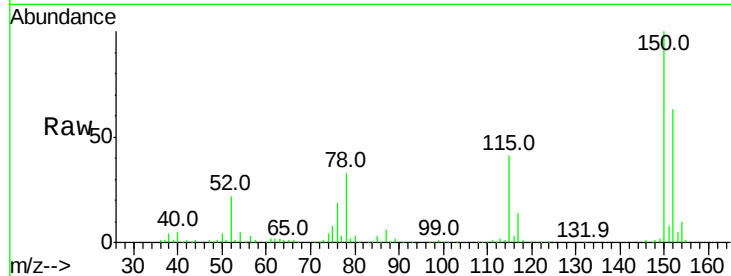


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

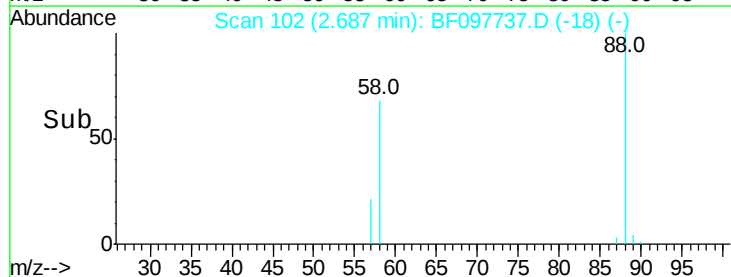
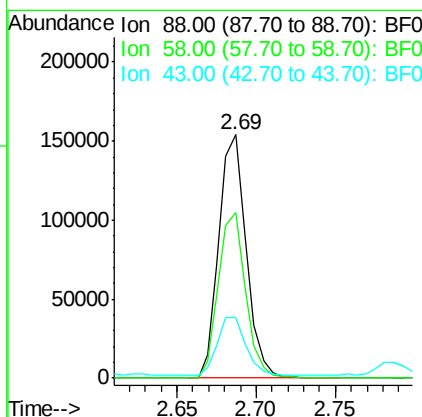
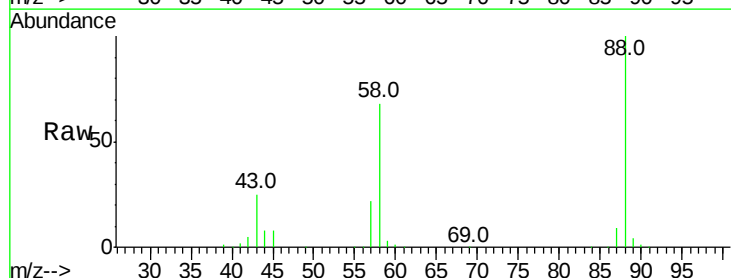
Tot Ion:152 Resp: 158841
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 65.8 52.2 78.2

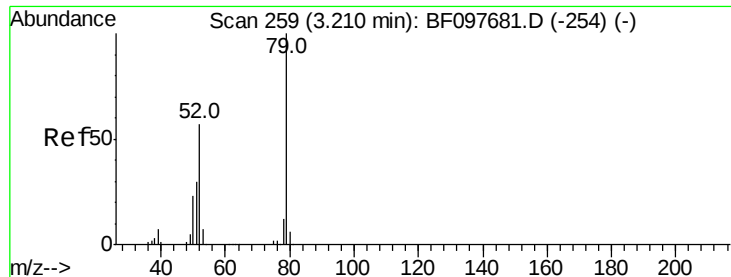


#2

1,4-Dioxane
Concen: 31.683 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.19 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion: 88 Resp: 184513
Ion Ratio Lower Upper
88 100
58 68.3 61.4 92.0
43 0.0 23.4 35.0#





#3

Pvridine

Concen: 16.643 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.15 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

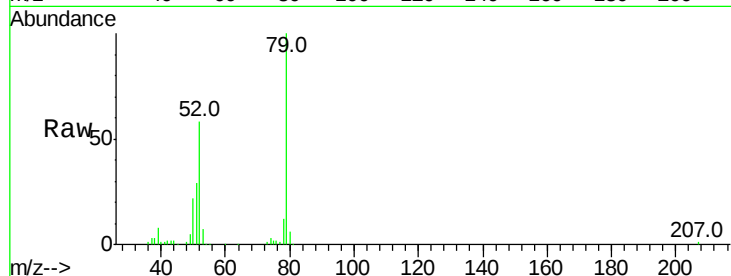
Tot Ion: 79 Resp: 267943

Ion Ratio Lower Upper

79 100

52 57.6 54.8 82.2

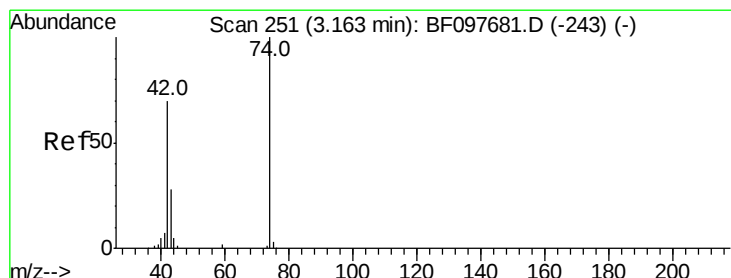
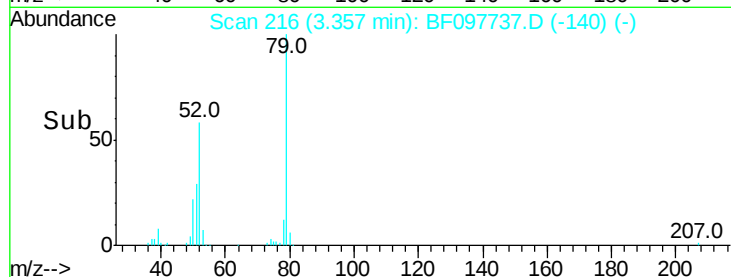
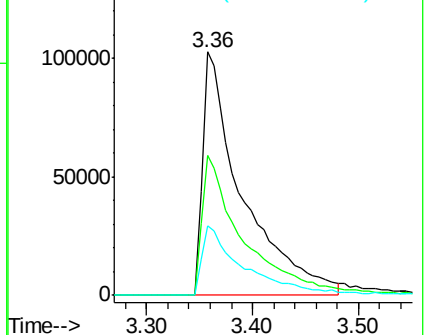
51 28.7 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.809 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.14 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

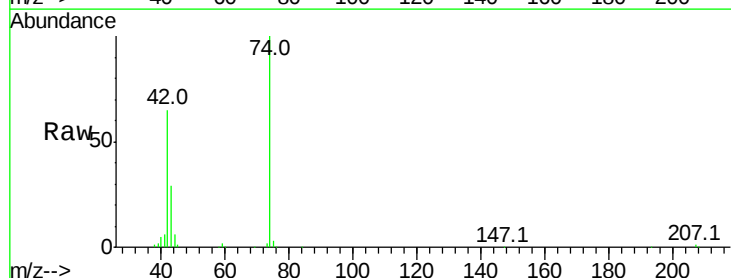
Tgt Ion: 42 Resp: 215639

Ion Ratio Lower Upper

42 100

74 154.1 103.9 155.9

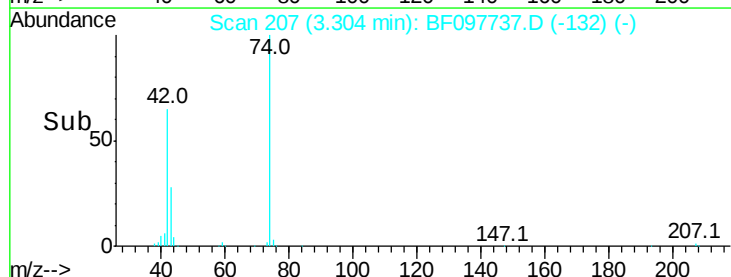
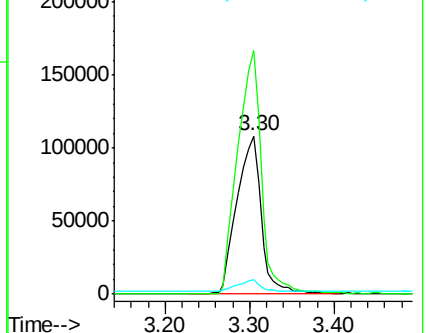
44 8.9 5.7 8.5#

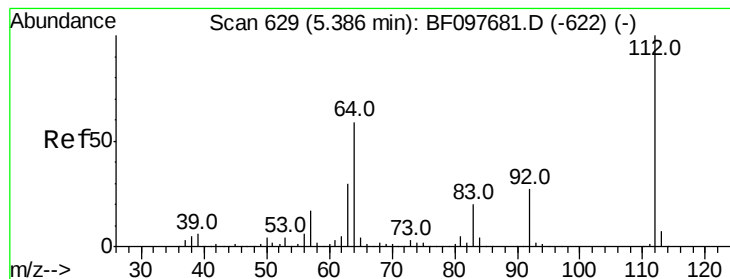


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.900 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.02 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

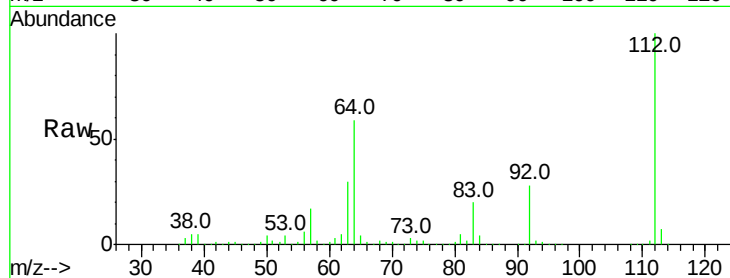
Tot Ion:112 Resp: 1074556

Ion Ratio Lower Upper

112 100

64 59.2 46.0 69.0

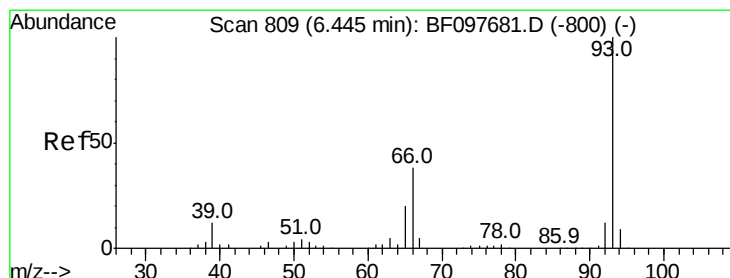
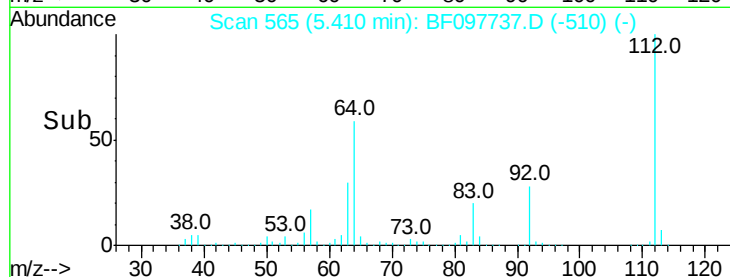
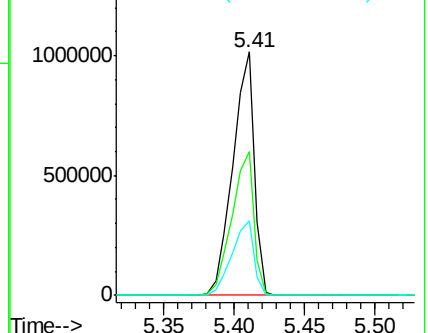
63 30.4 23.4 35.0



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: 12.185 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

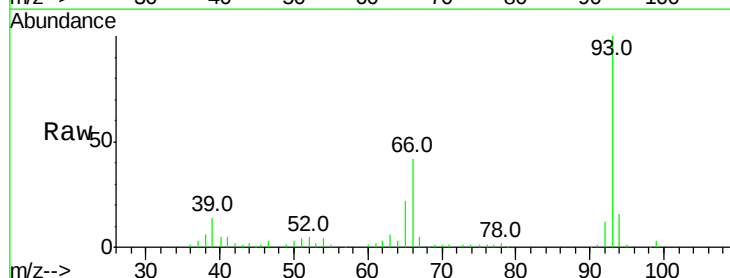
Tgt Ion: 93 Resp: 242876

Ion Ratio Lower Upper

93 100

66 42.1 32.9 49.3

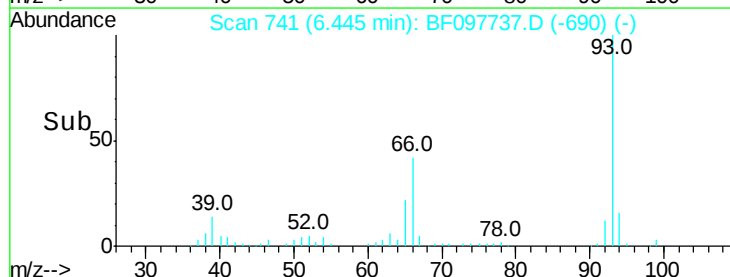
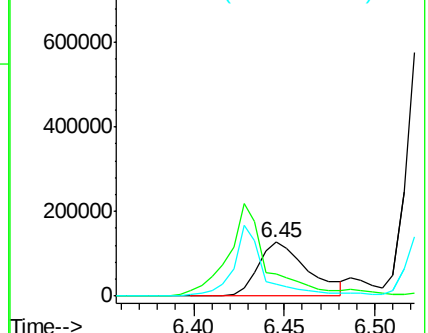
65 21.8 16.0 24.0

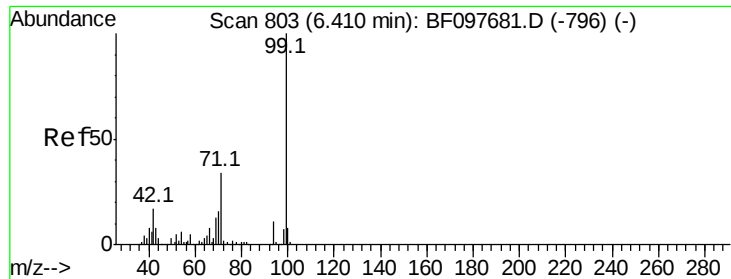


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 98.311 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

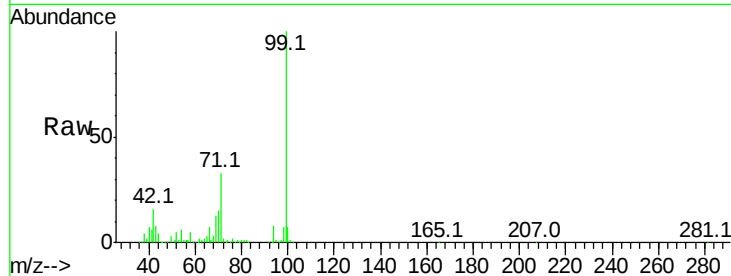
Tot Ion: 99 Resp: 1394899

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

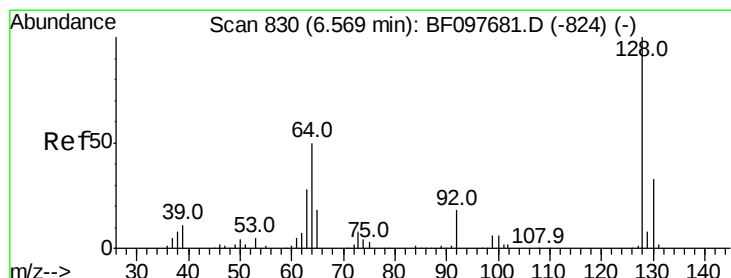
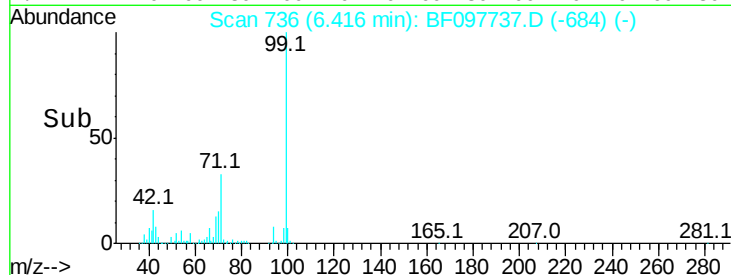
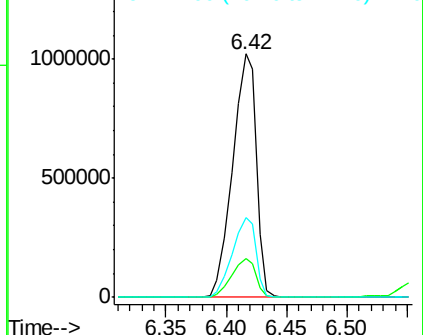
71 32.9 24.5 36.7



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: 37.436 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

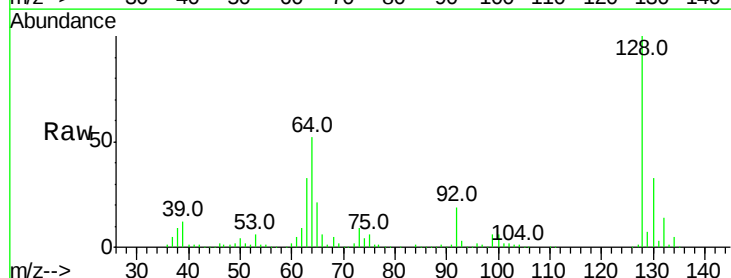
Tgt Ion:128 Resp: 412276

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

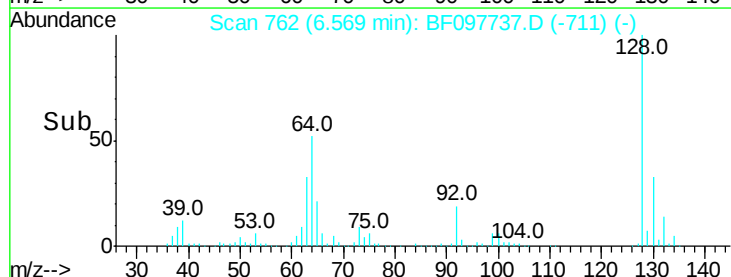
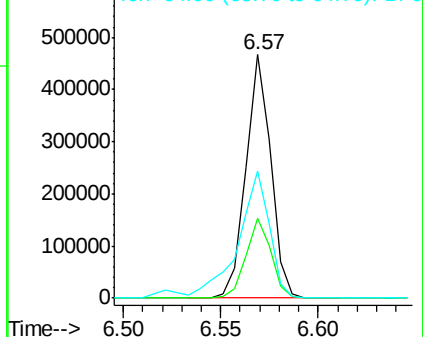
64 52.2 28.4 68.4

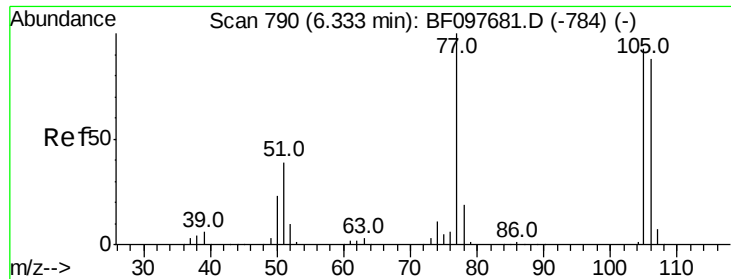


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

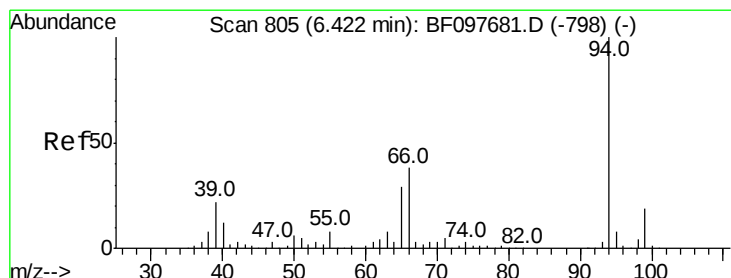
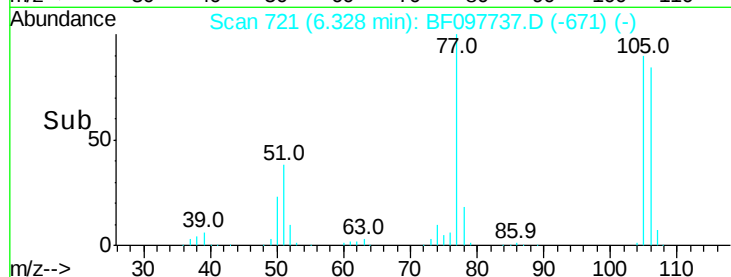
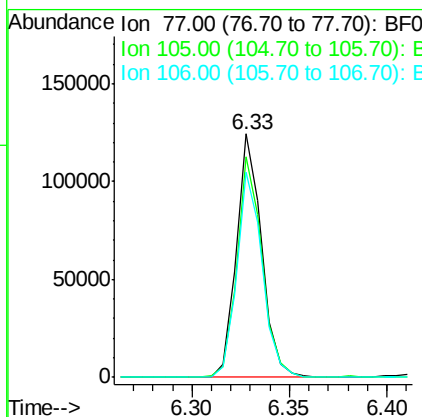
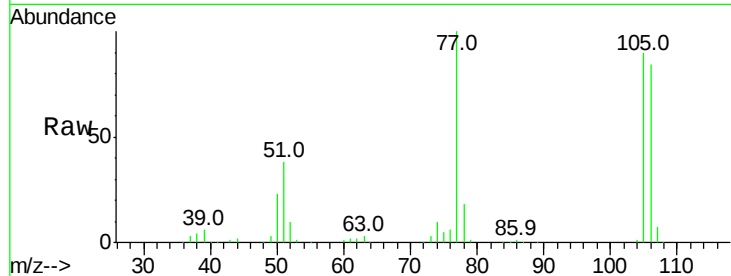




#9
Benzaldehyde
Concen: 12.360 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

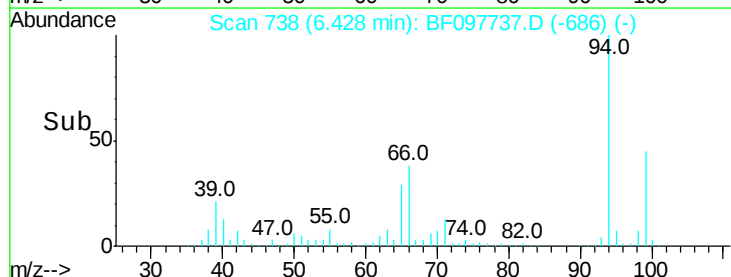
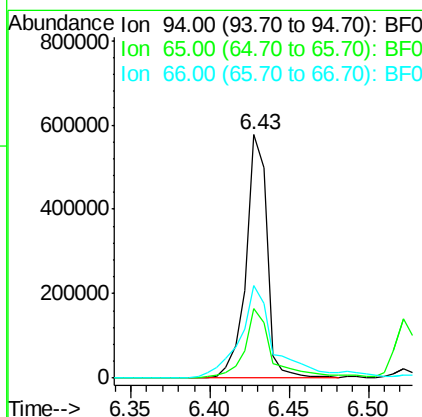
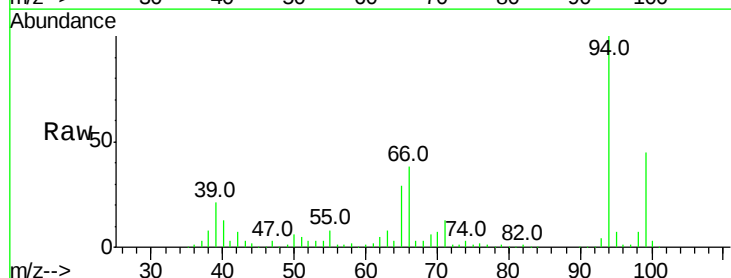
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

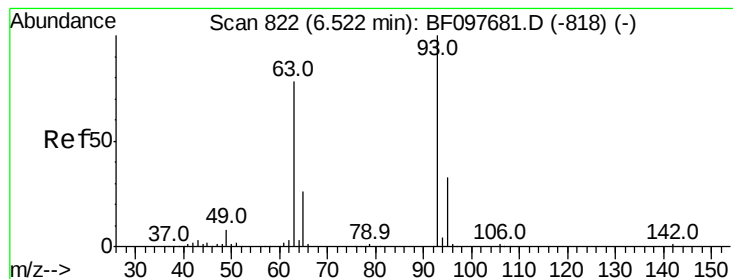
Tot Ion: 77 Resp: 111081
Ion Ratio Lower Upper
77 100
105 90.3 83.8 123.8
106 84.5 79.1 119.1



#10
Phenol
Concen: 31.811 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion: 94 Resp: 527874
Ion Ratio Lower Upper
94 100
65 28.8 9.9 49.9
66 37.9 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.750 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

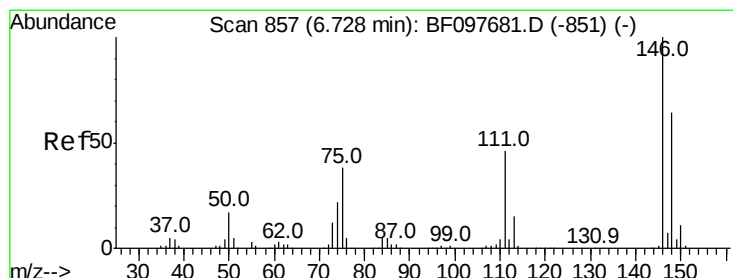
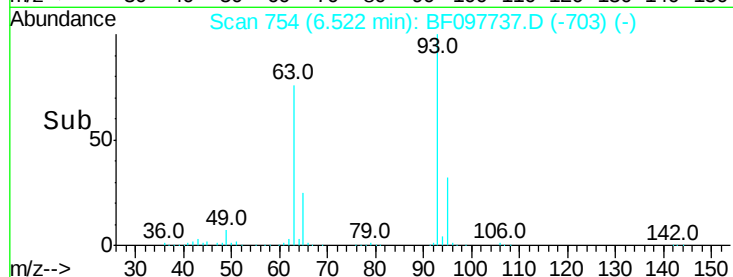
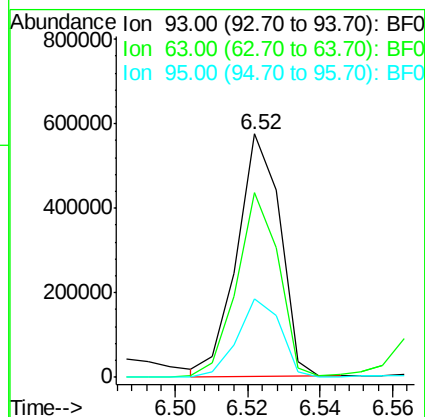
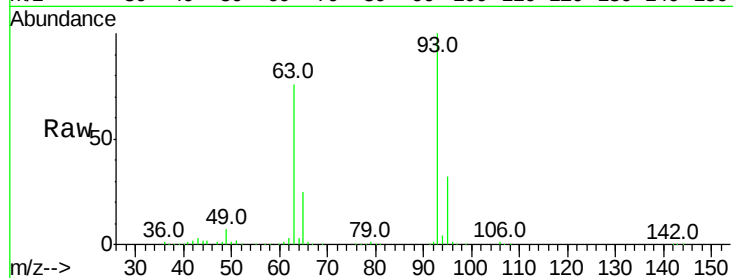
Tot Ion: 93 Resp: 472813

Ion Ratio Lower Upper

93 100

63 76.1 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 30.891 ng

RT: 6.72 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

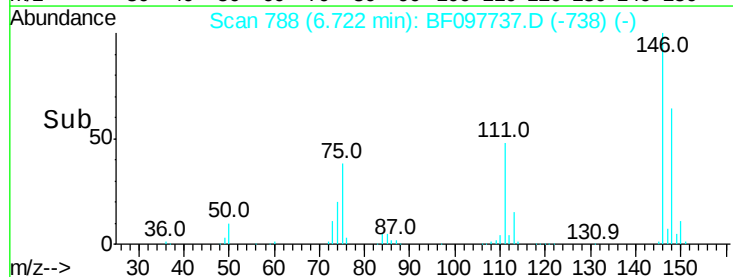
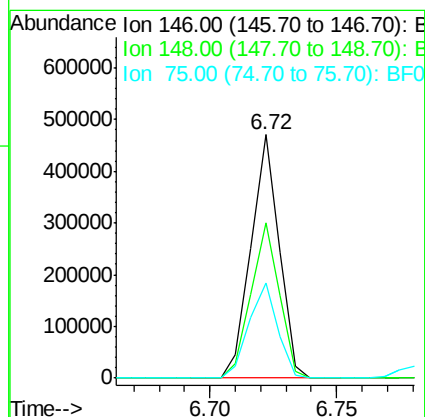
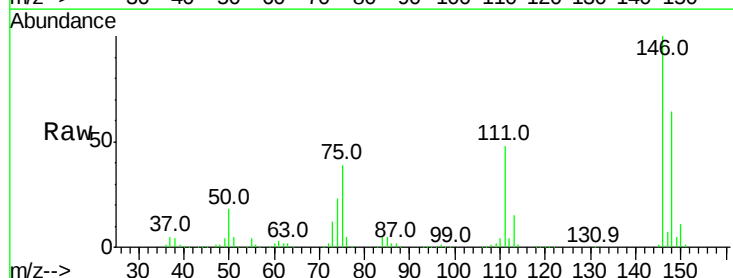
Tgt Ion: 146 Resp: 365930

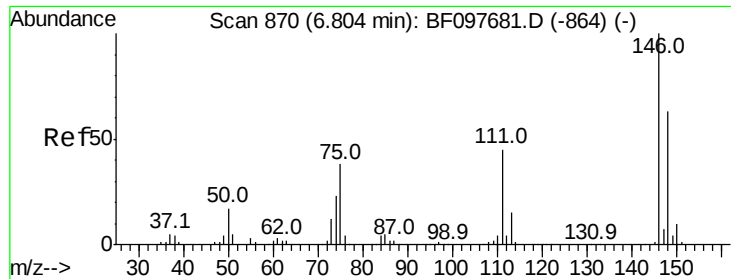
Ion Ratio Lower Upper

146 100

148 63.6 51.8 77.6

75 39.2 23.1 34.7#

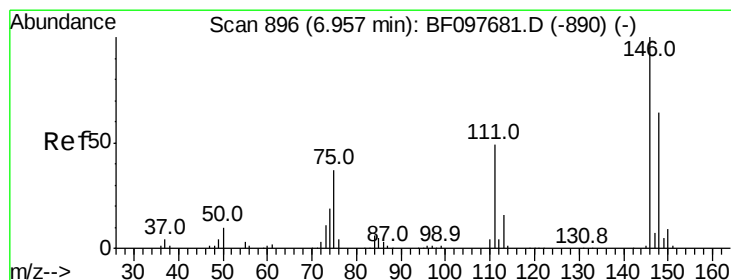
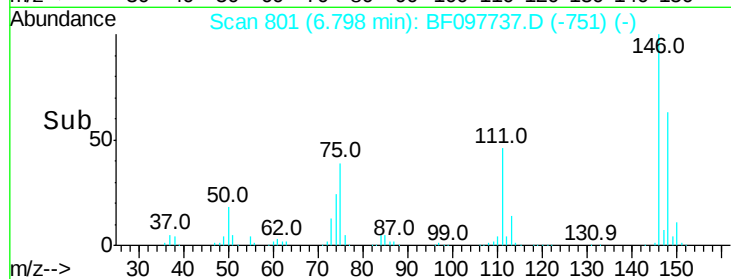
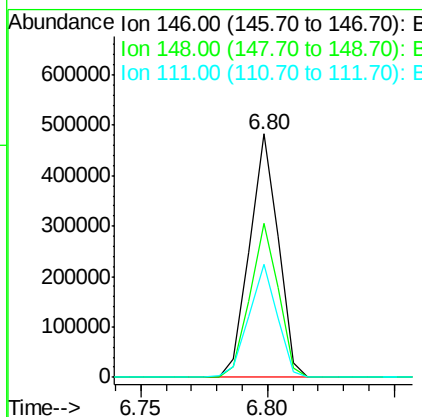
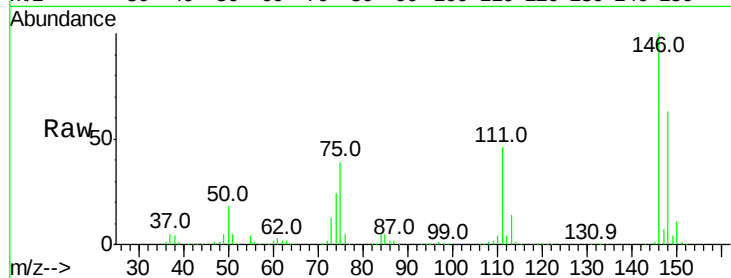




#13
 1,4-Dichlorobenzene
 Concen: 31.557 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

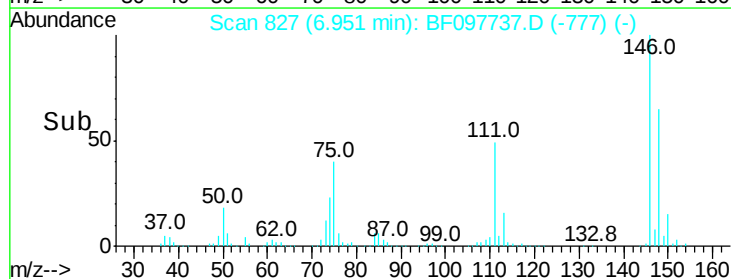
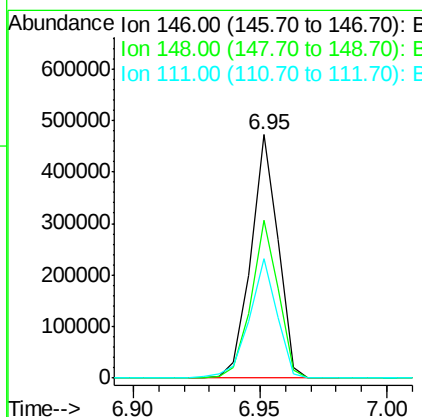
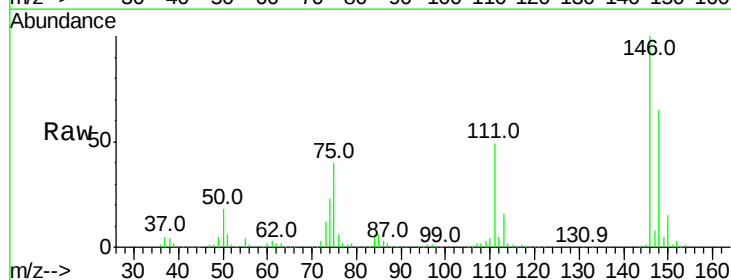
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:146 Resp: 380193
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 46.2 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 31.635 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:146 Resp: 351438
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.4 75.6
 111 49.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 40.514 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

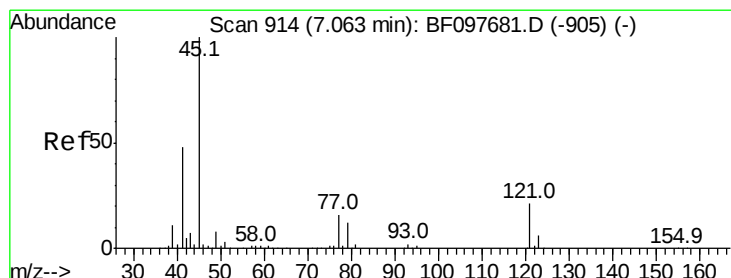
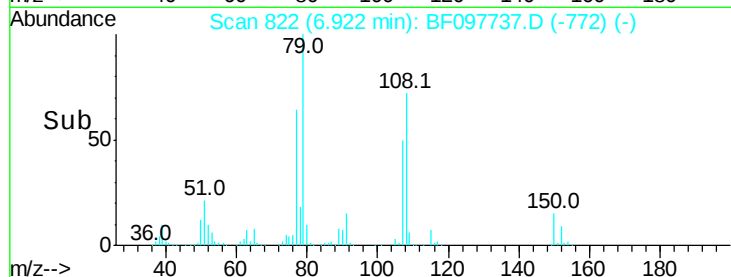
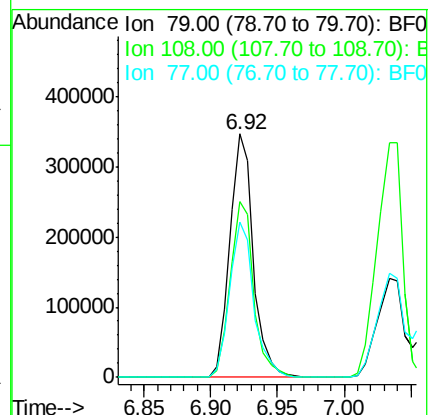
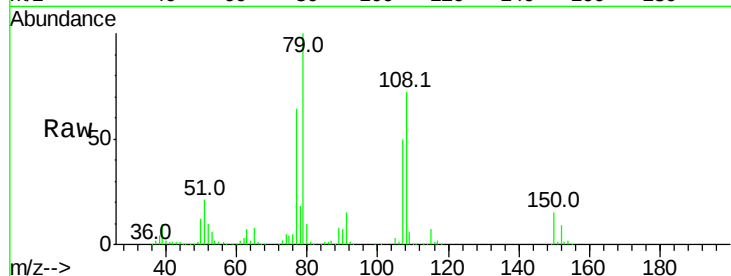
Tot Ion: 79 Resp: 430379

Ion Ratio Lower Upper

79 100

108 72.0 63.4 95.0

77 63.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.762 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

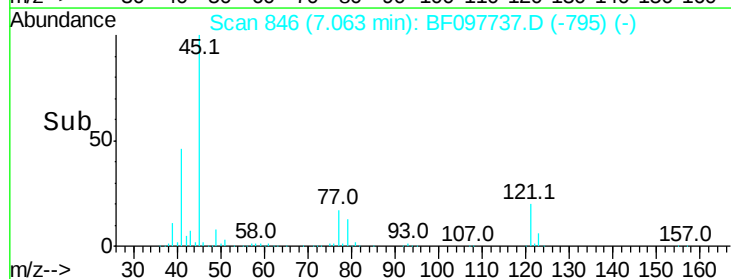
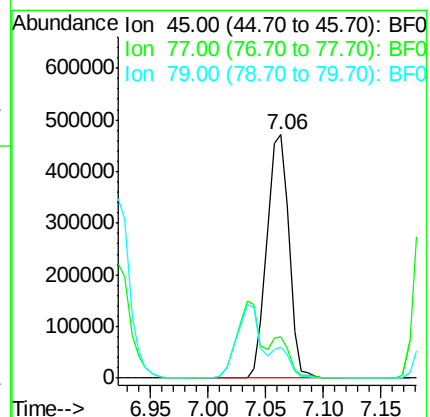
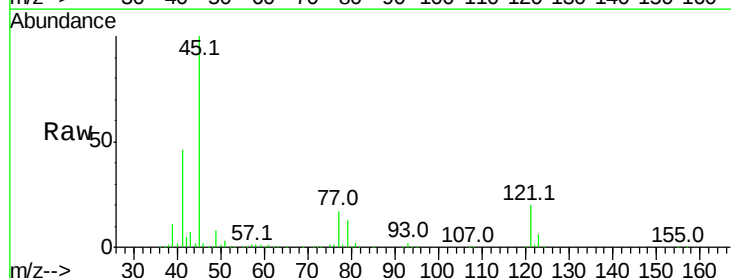
Tgt Ion: 45 Resp: 636350

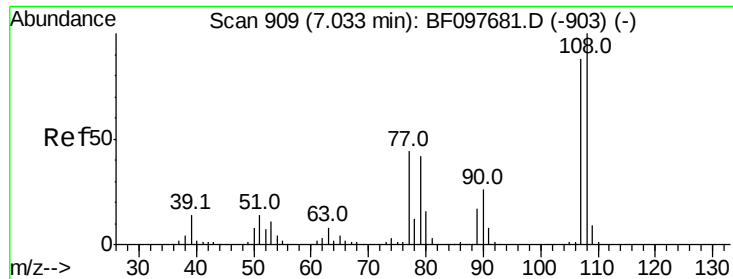
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.2

79 12.8 0.0 30.0

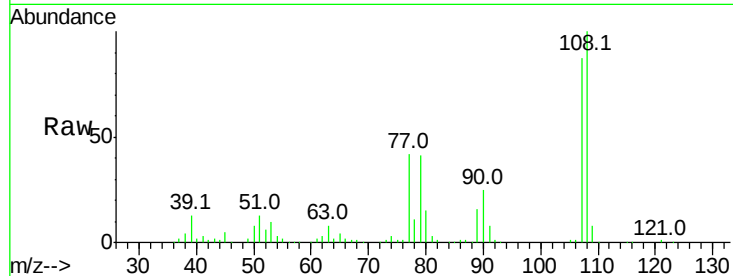




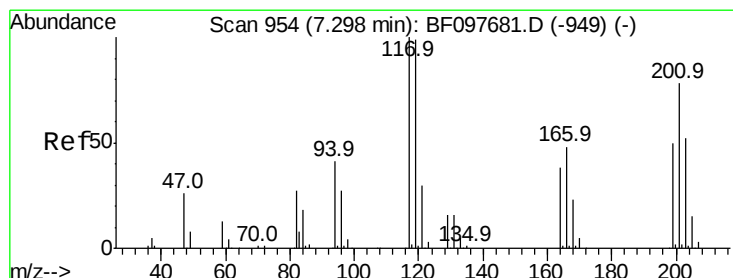
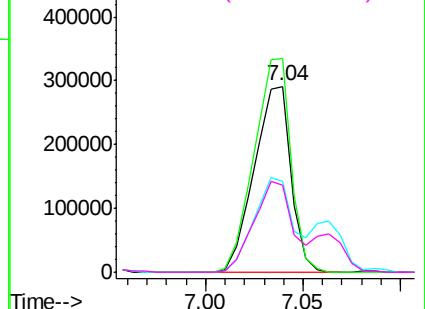
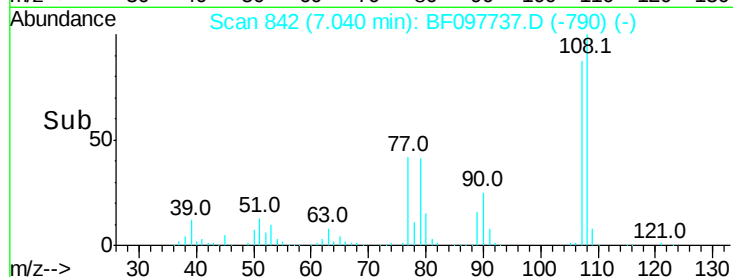
#17
2-Methylphenol
Concen: 39.150 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion:	107	Resp:	379950
Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.4	140.0
77	48.6	35.8	53.6
79	47.0	34.8	52.2

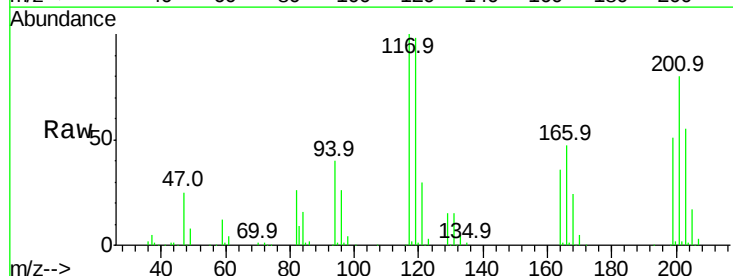


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

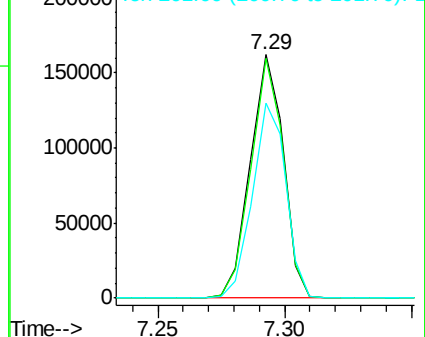
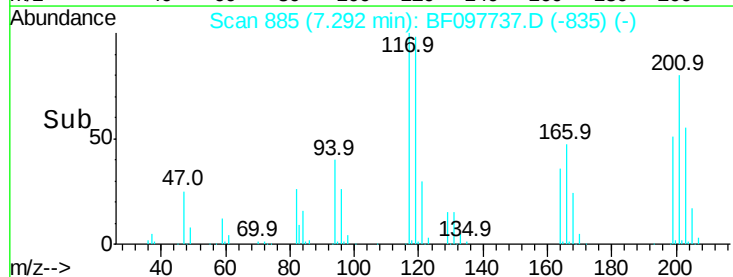


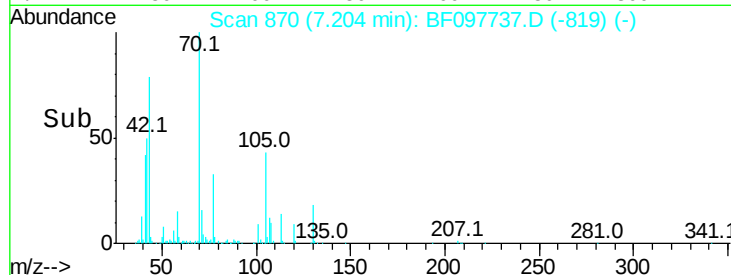
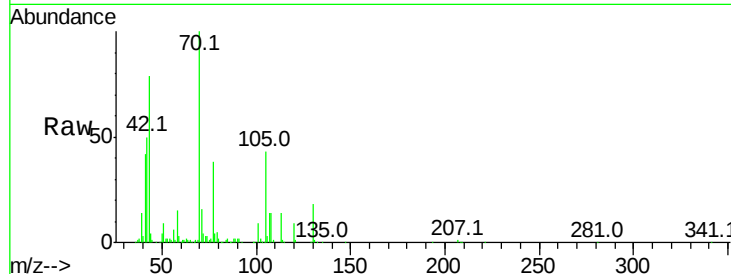
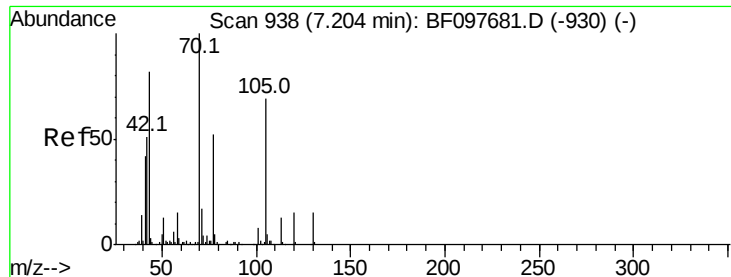
#18
Hexachloroethane
Concen: 31.218 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:	117	Resp:	147459
Ion	Ratio	Lower	Upper
117	100		
119	98.3	77.4	116.0
201	80.1	94.6	141.8#



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

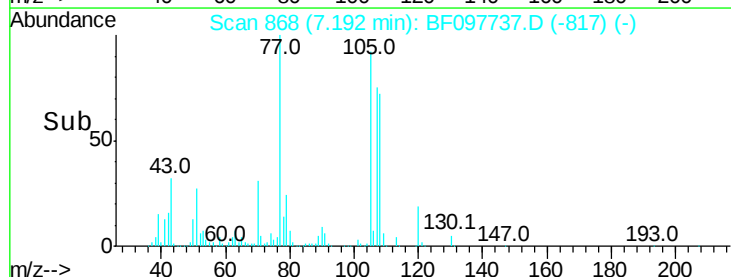
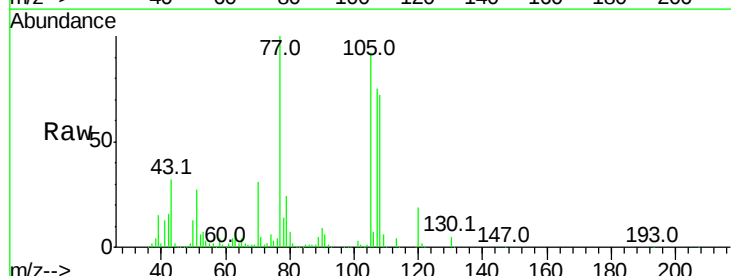
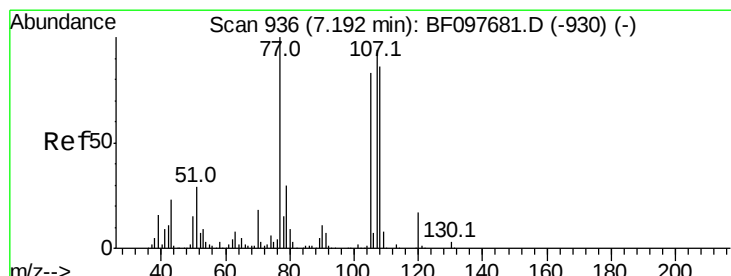
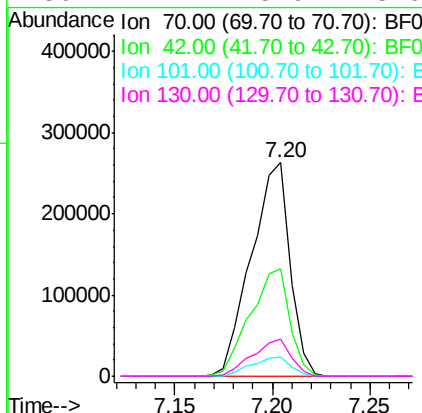




#19
n-Nitroso-di-n-propylamine
Concen: 37.314 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

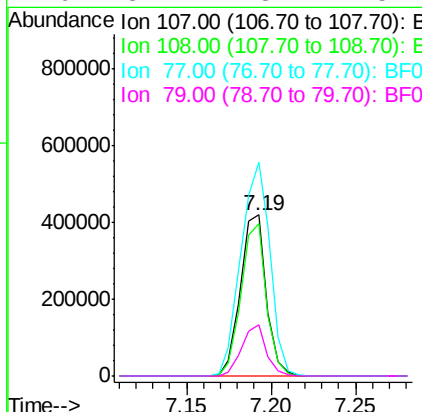
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

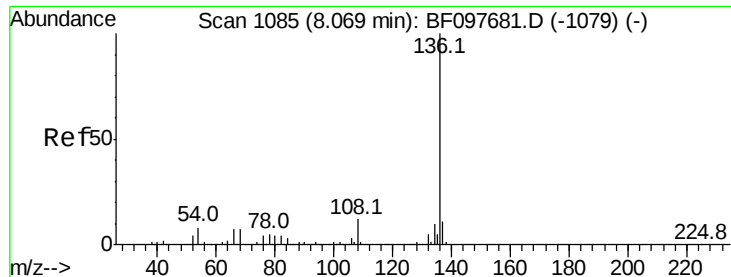
Tot Ion:	70	Resp:	362422
Ion	Ratio	Lower	Upper
70	100		
42	50.2	47.2	70.8
101	8.8	7.2	10.8
130	17.7	15.9	23.9



#20
3+4-Methylphenols
Concen: 37.677 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:	107	Resp:	446609
Ion	Ratio	Lower	Upper
107	100		
108	95.0	71.0	111.0
77	132.8	90.5	130.5#
79	31.7	8.4	48.4

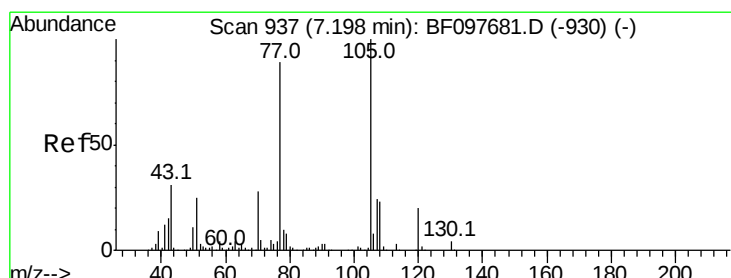
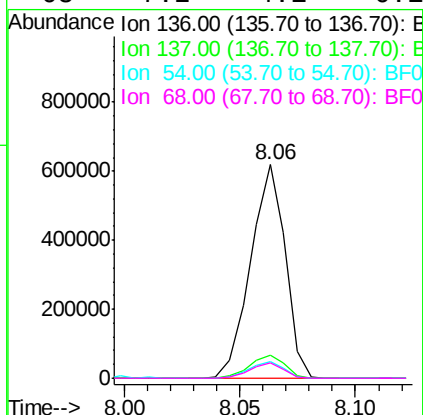
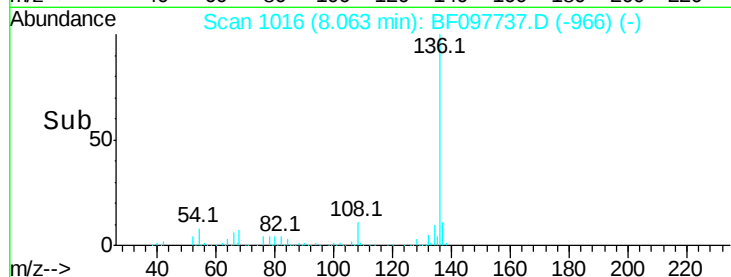
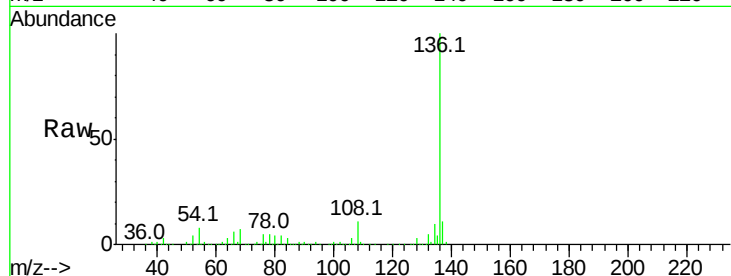




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

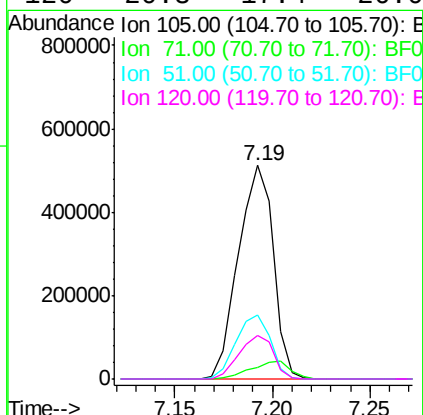
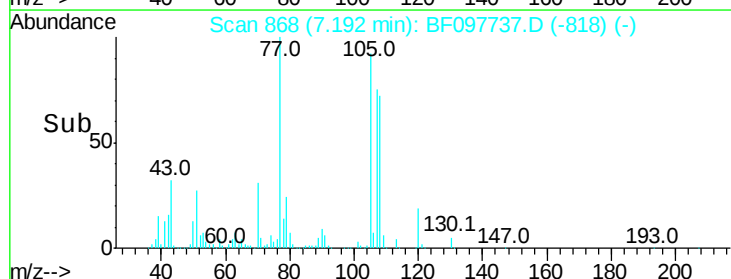
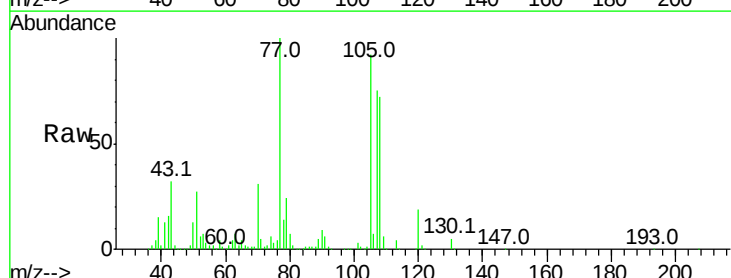
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

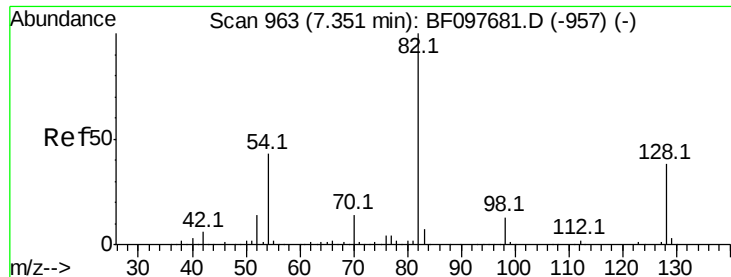
Tot Ion:136	Resp: 649909
Ion Ratio	Lower Upper
136 100	
137 10.8	8.5 12.7
54 7.6	4.9 7.3#
68 7.2	4.1 6.1#



#22
Acetophenone
Concen: 37.049 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt	Ion:105	Resp:	636099
Ion	Ratio	Lower	Upper
105	100		
71	5.7	2.8	4.2#
51	29.9	30.7	46.1#
120	20.3	17.4	26.0

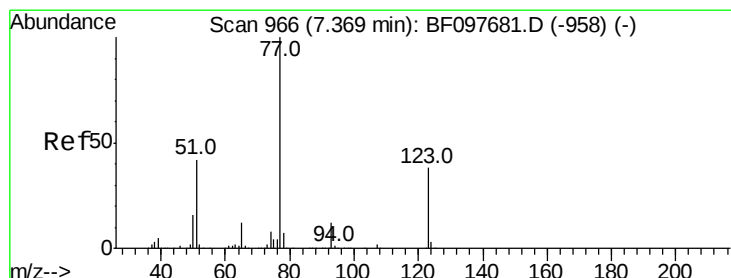
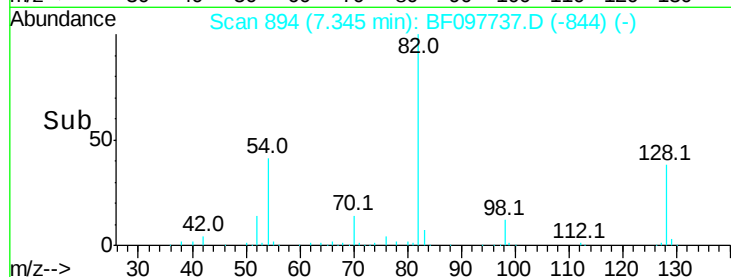
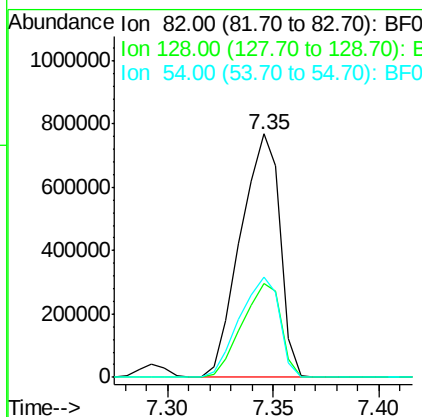
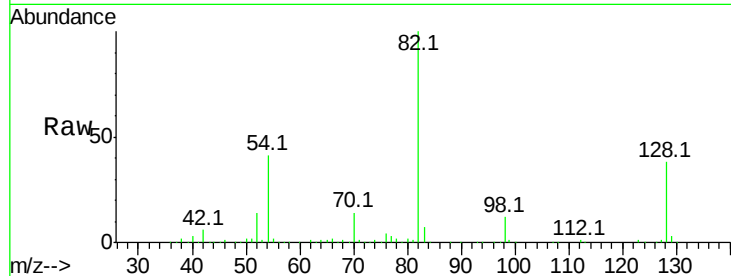




#23
Nitrobenzene-d5
Concen: 83.180 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

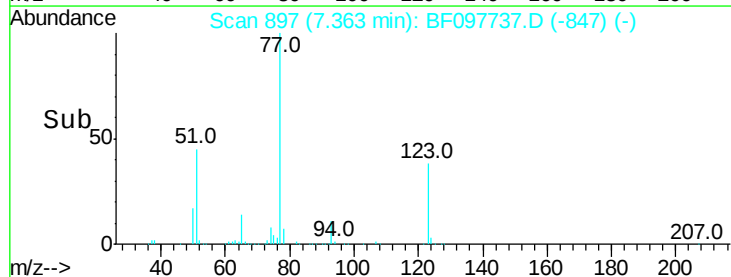
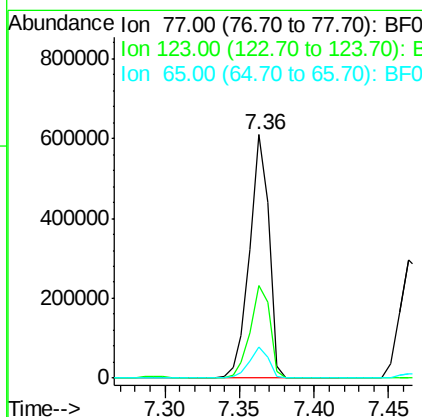
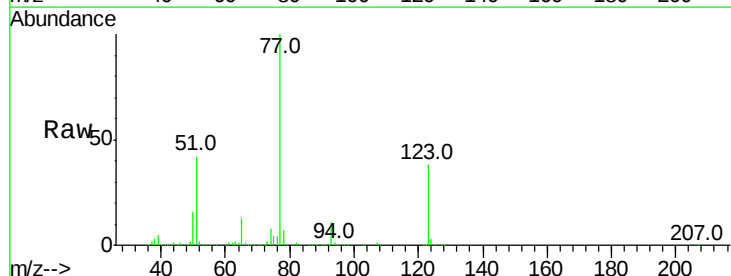
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

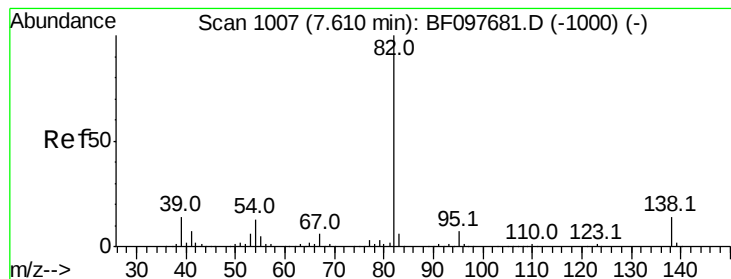
Tot Ion: 82 Resp: 995114
Ion Ratio Lower Upper
82 100
128 38.3 34.0 51.0
54 41.4 42.2 63.2#



#24
Nitrobenzene
Concen: 41.056 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion: 77 Resp: 546883
Ion Ratio Lower Upper
77 100
123 38.0 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 40.892 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

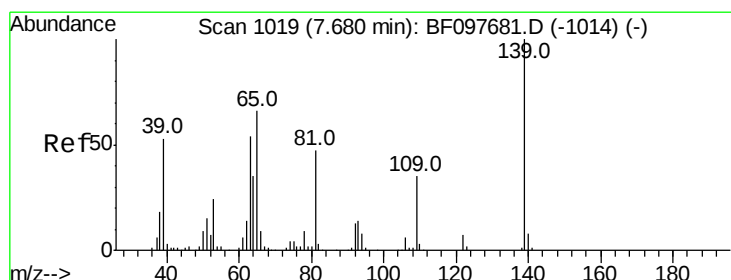
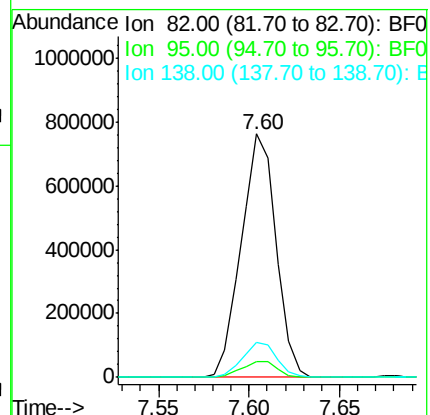
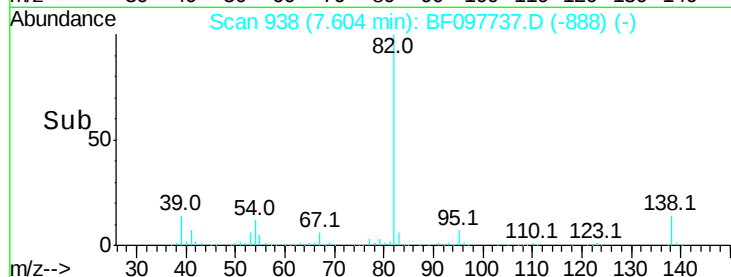
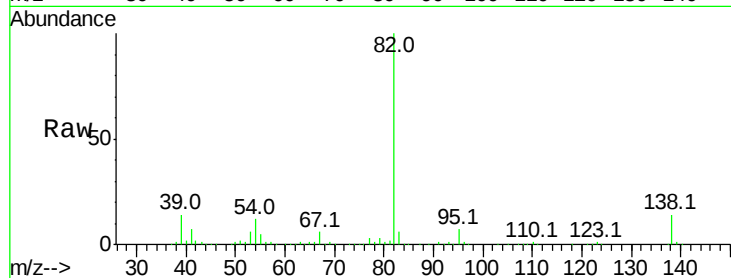
Tot Ion: 82 Resp: 1017241

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 14.2 13.1 19.7



#26

2-Nitrophenol

Concen: 44.014 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

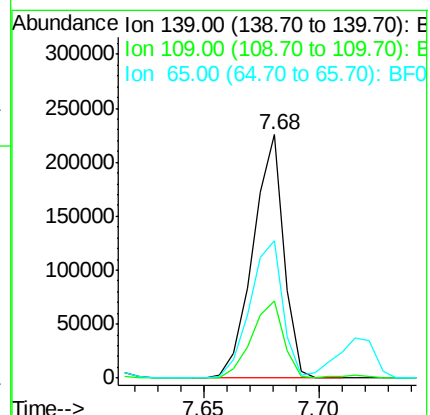
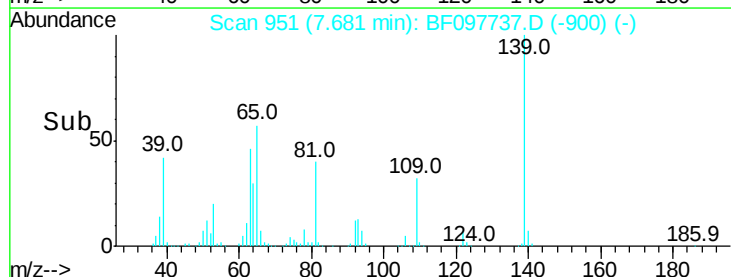
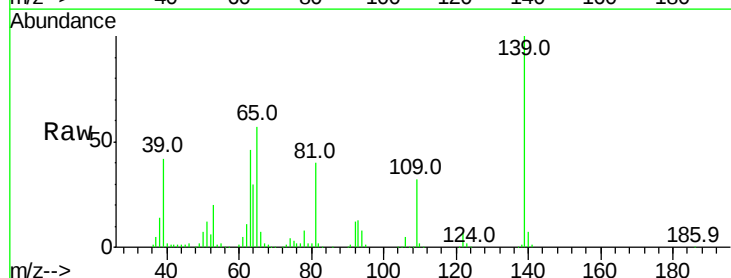
Tgt Ion:139 Resp: 210044

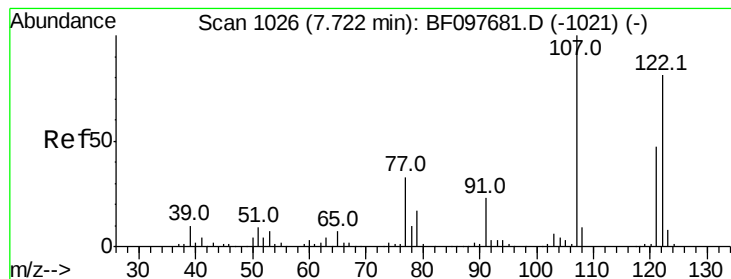
Ion Ratio Lower Upper

139 100

109 31.7 21.0 31.6#

65 56.7 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 37.941 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

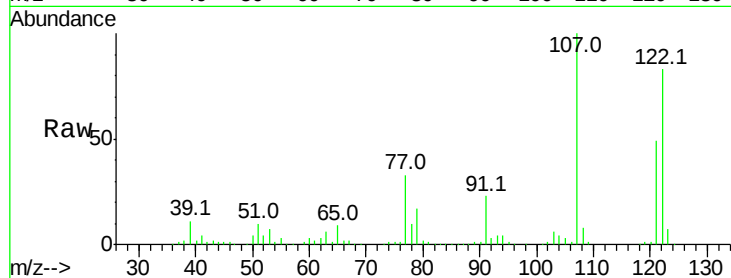
Tot Ion:122 Resp: 393627

Ion Ratio Lower Upper

122 100

107 120.0 89.2 133.8

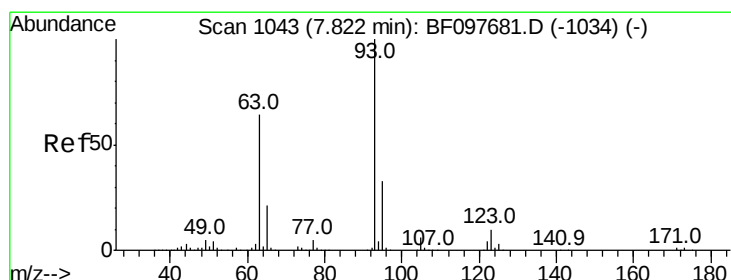
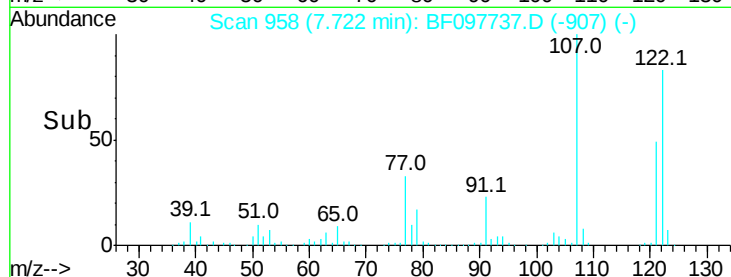
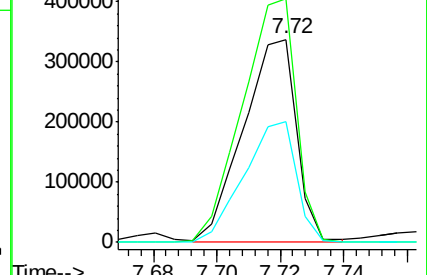
121 59.4 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.053 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

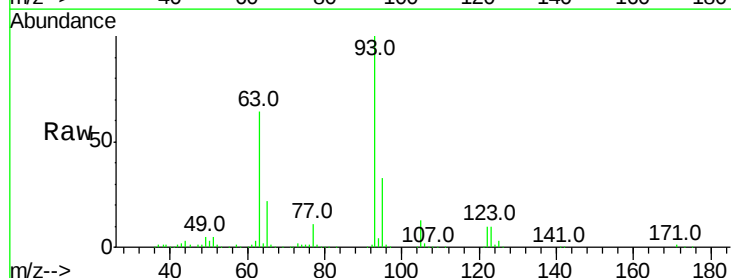
Tgt Ion: 93 Resp: 622346

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

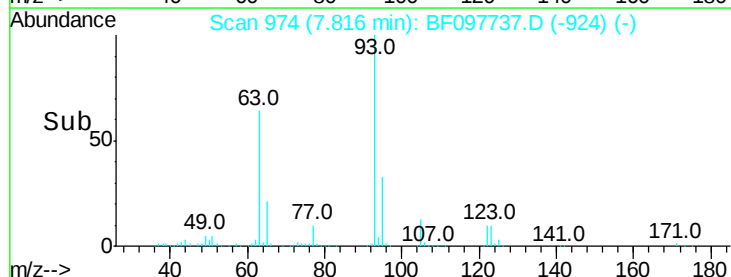
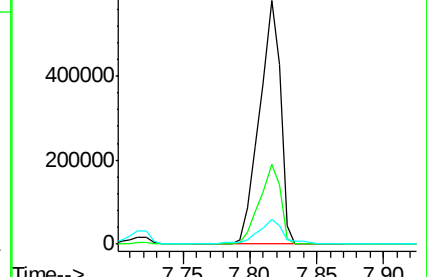
123 9.9 9.0 13.4

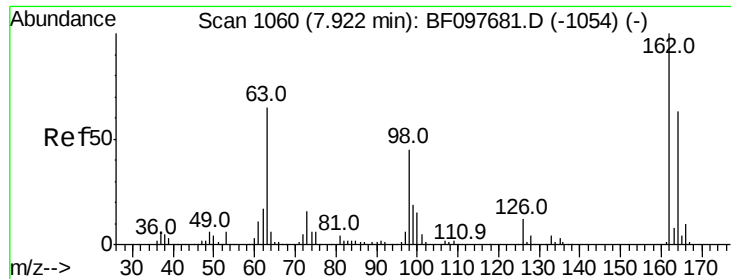


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

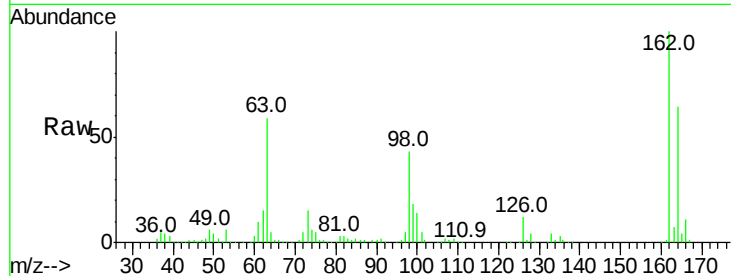




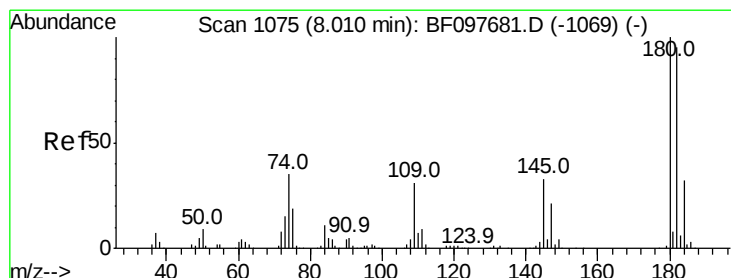
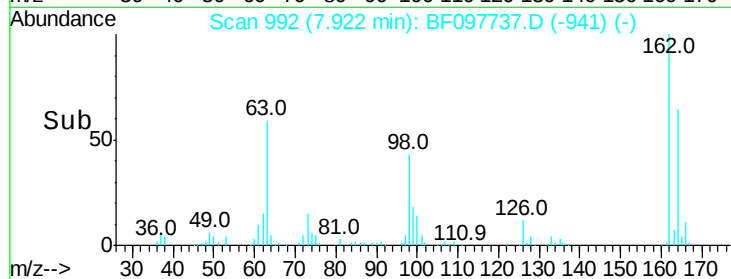
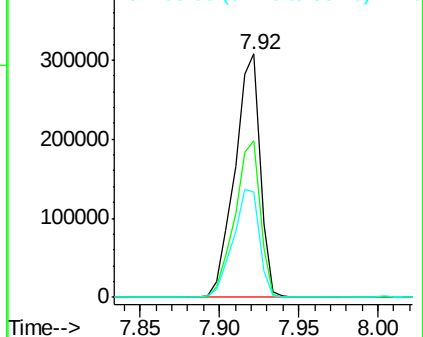
#29
 2,4-Dichlorophenol
 Concen: 39.581 ng
 RT: 7.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	43.3	14.8	54.8

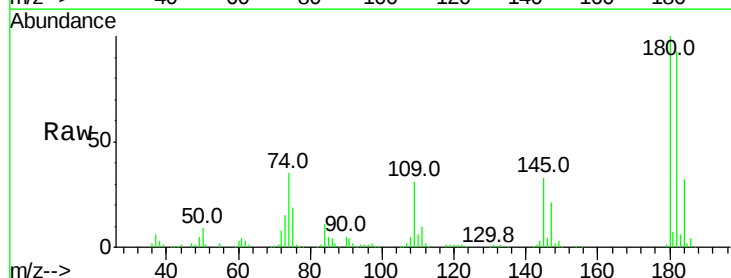


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

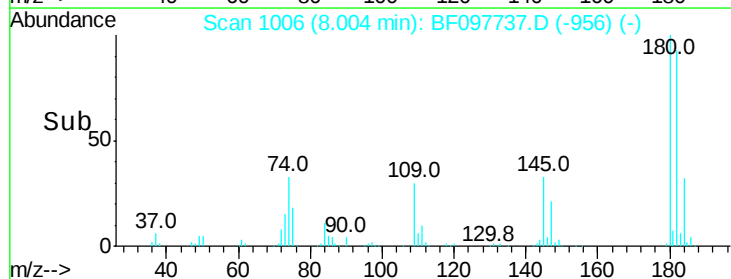
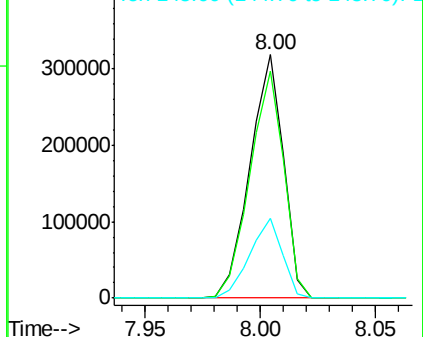


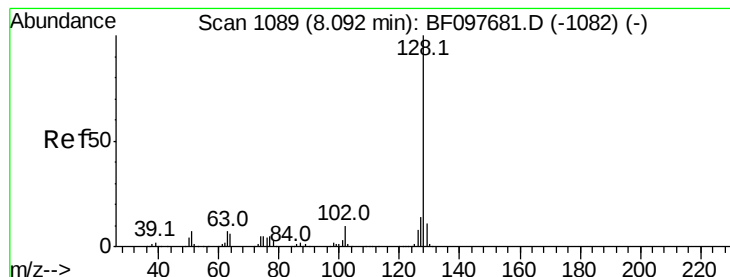
#30
 1,2,4-Trichlorobenzene
 Concen: 33.883 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.8	113.6
145	33.0	25.3	37.9



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





#31

Naphthalene

Concen: 34.664 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

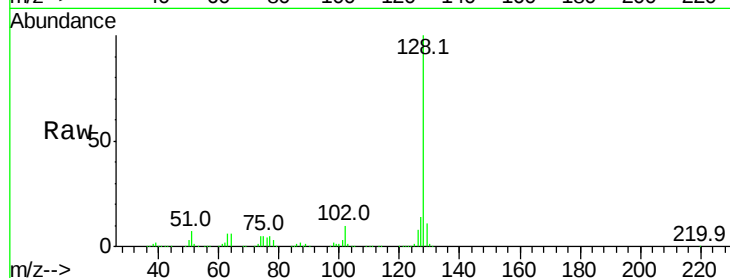
Tot Ion:128 Resp: 1169554

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

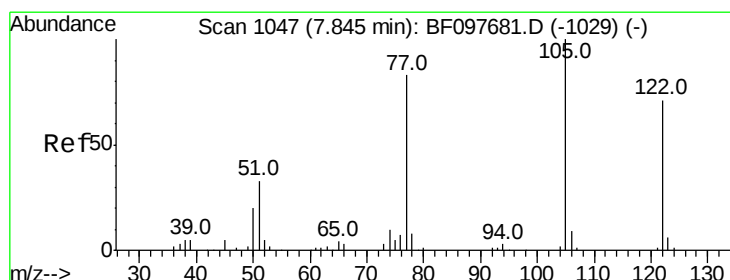
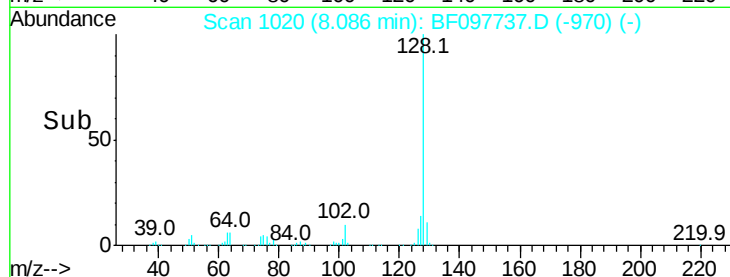
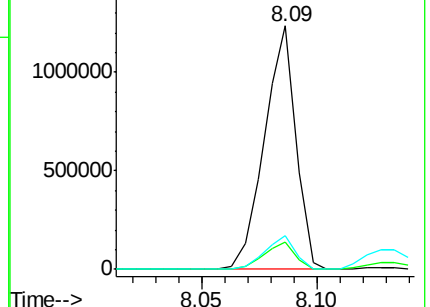
127 13.6 10.8 16.2



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: 36.856 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

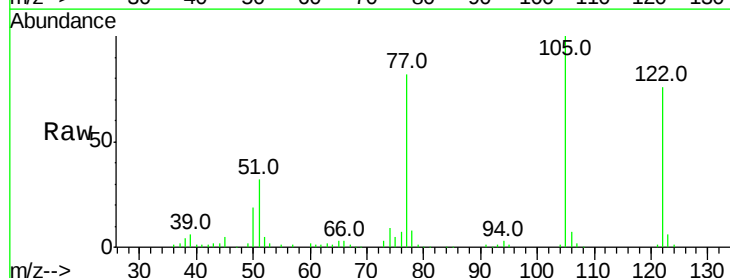
Tgt Ion:122 Resp: 265624

Ion Ratio Lower Upper

122 100

105 131.1 103.3 143.3

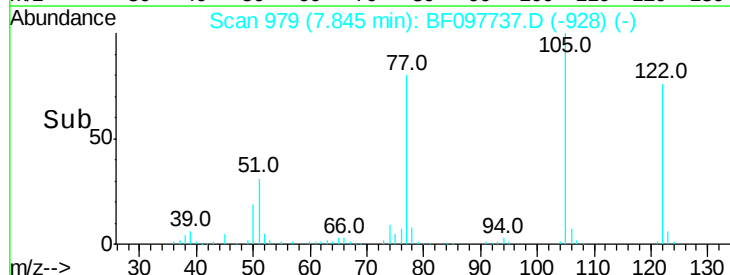
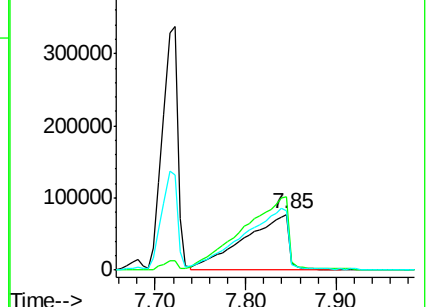
77 107.6 73.7 113.7

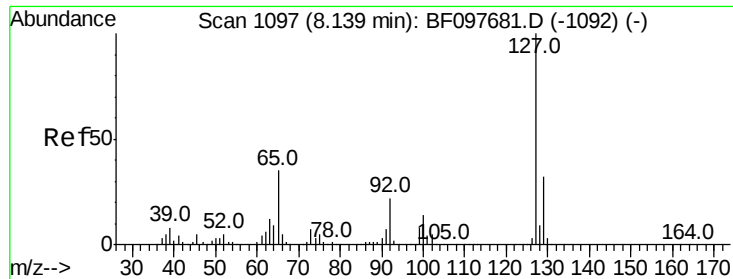


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

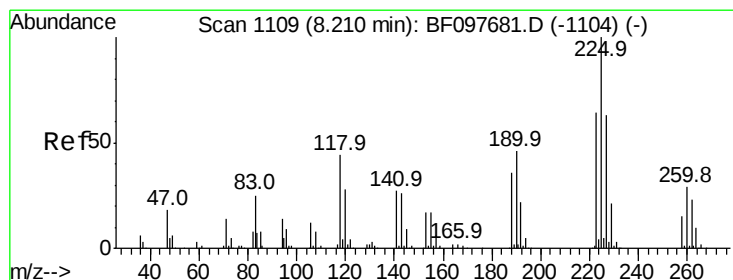
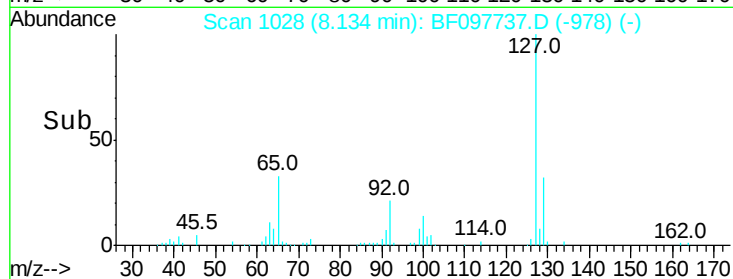
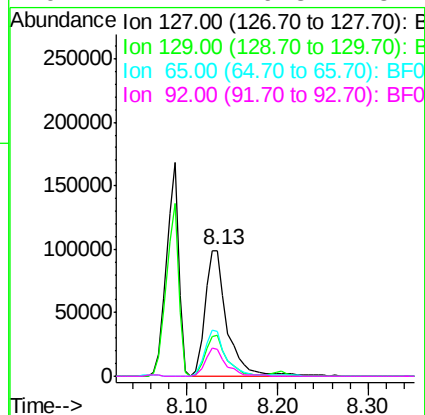
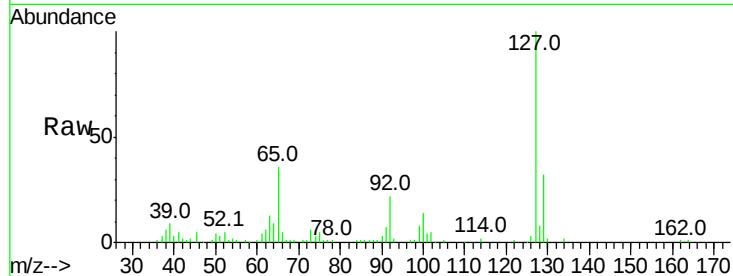




#33
4-Chloroaniline
Concen: 11.845 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

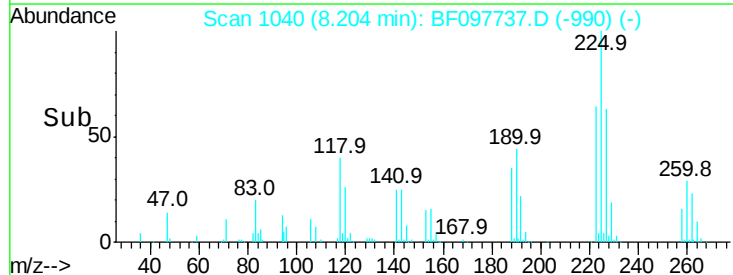
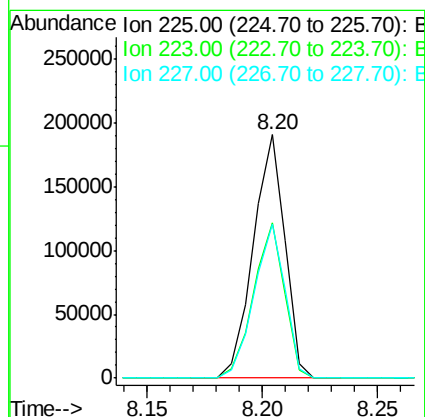
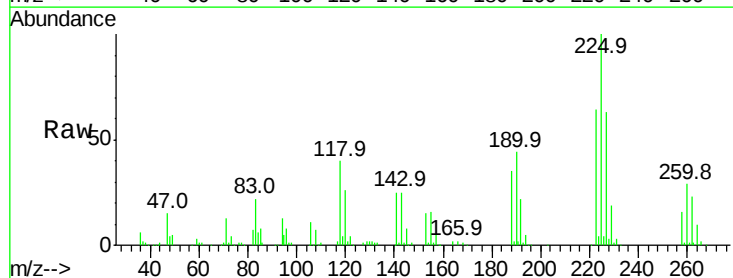
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

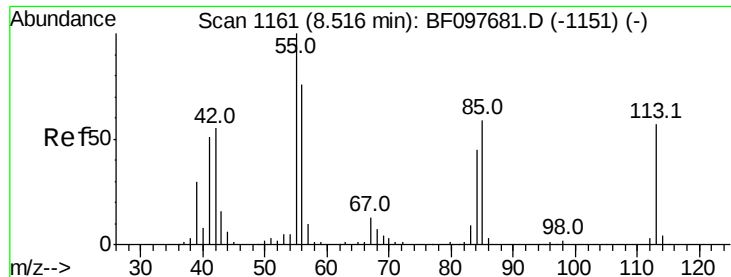
Tot Ion:	127	Resp:	168546
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.2
65	35.9	27.8	41.8
92	21.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 32.736 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:	225	Resp:	182476
Ion	Ratio	Lower	Upper
225	100		
223	63.7	48.8	73.2
227	63.3	51.1	76.7

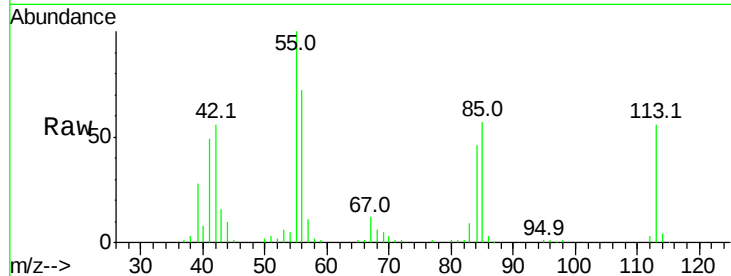




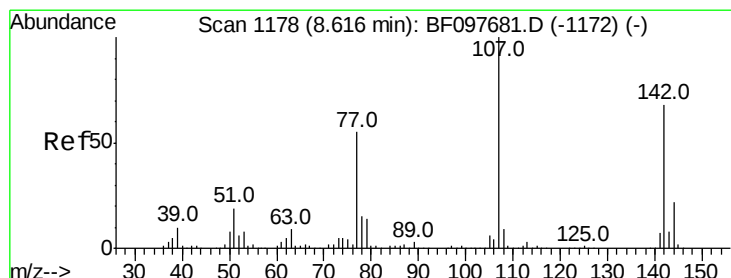
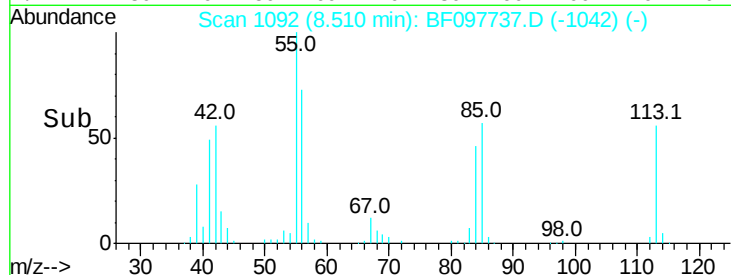
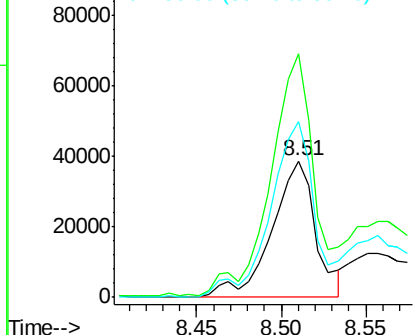
#35
 Caprolactam
 Concen: 23.597 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:113 Resp: 69088
 Ion Ratio Lower Upper
 113 100
 55 178.8 150.2 190.2
 56 129.2 107.8 147.8

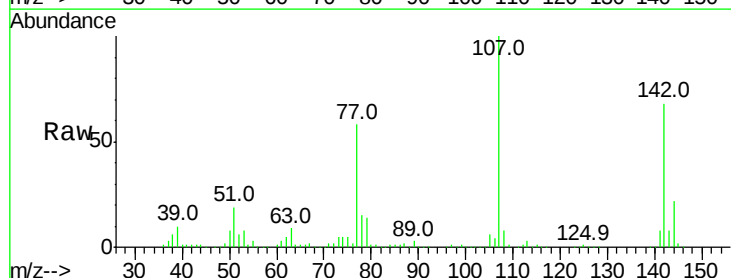


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

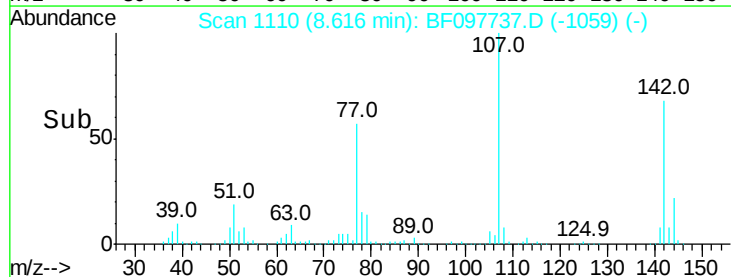
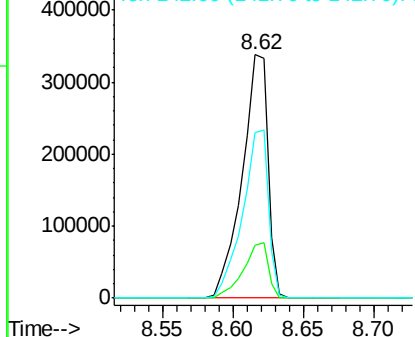


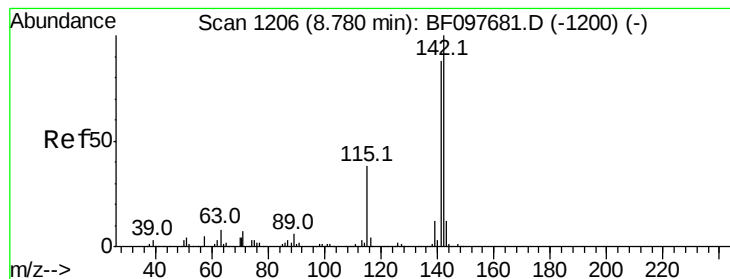
#36
 4-Chloro-3-methylphenol
 Concen: 39.340 ng
 RT: 8.62 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:107 Resp: 435291
 Ion Ratio Lower Upper
 107 100
 144 21.9 24.2 36.4#
 142 68.1 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: 38.997 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

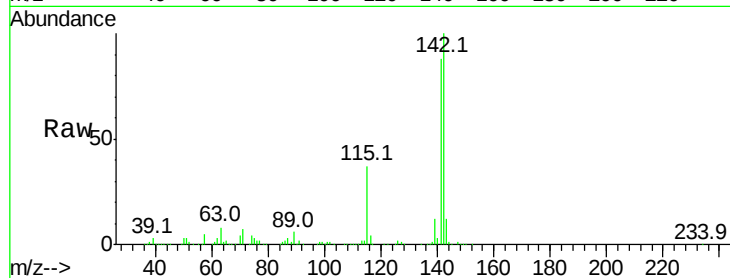
Tot Ion:142 Resp: 806682

Ion Ratio Lower Upper

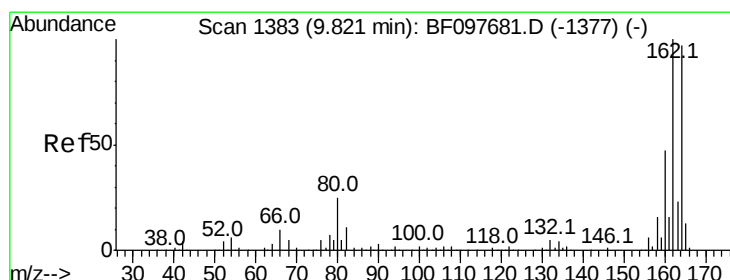
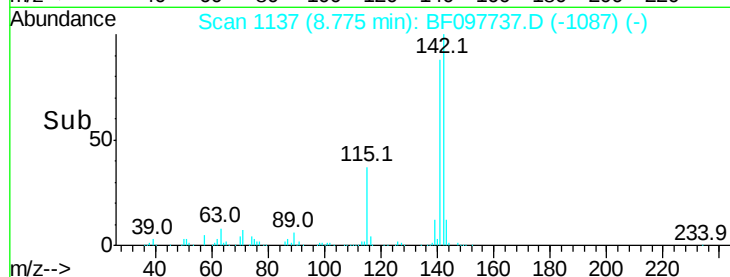
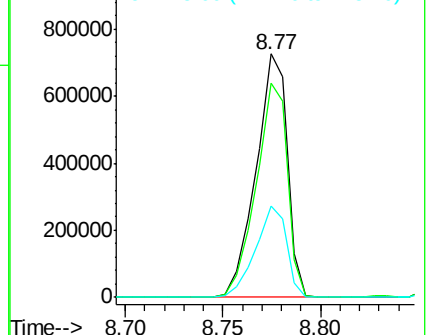
142 100

141 88.2 71.3 106.9

115 37.3 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: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

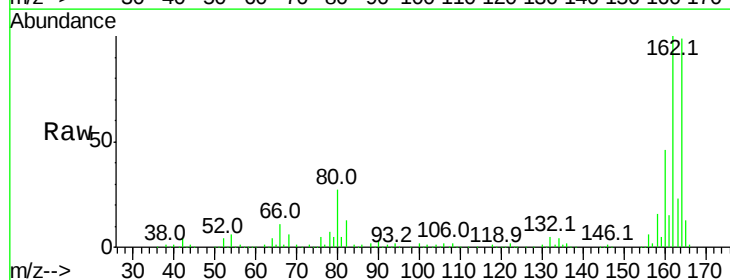
Tgt Ion:164 Resp: 305150

Ion Ratio Lower Upper

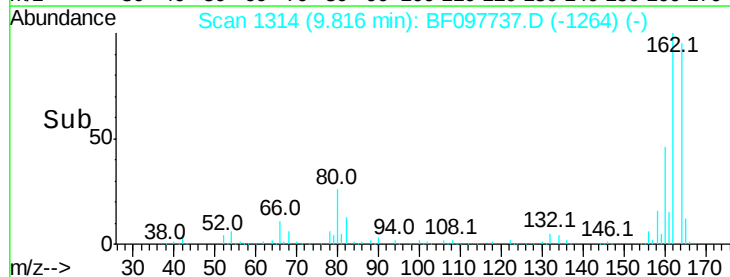
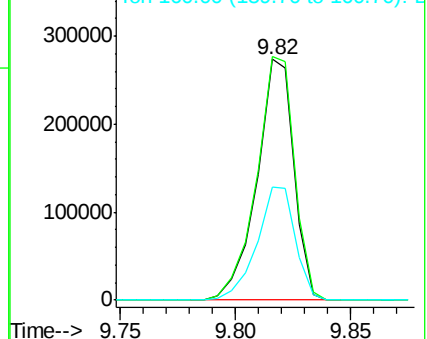
164 100

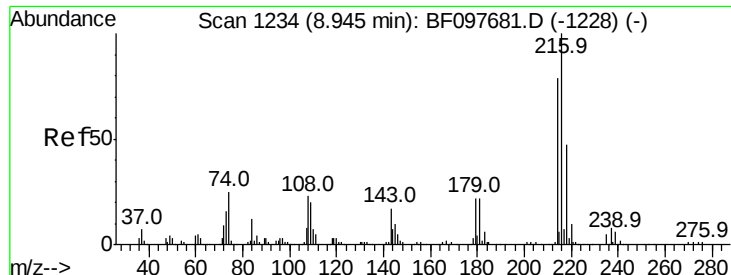
162 101.2 82.6 123.8

160 46.9 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

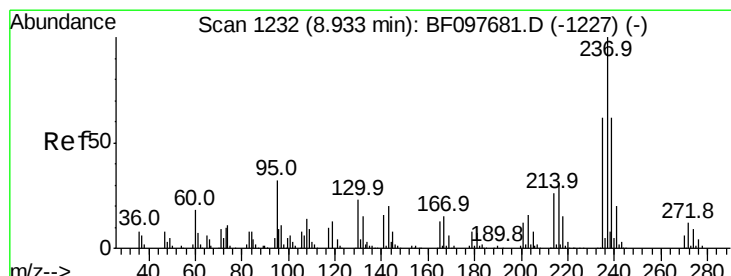
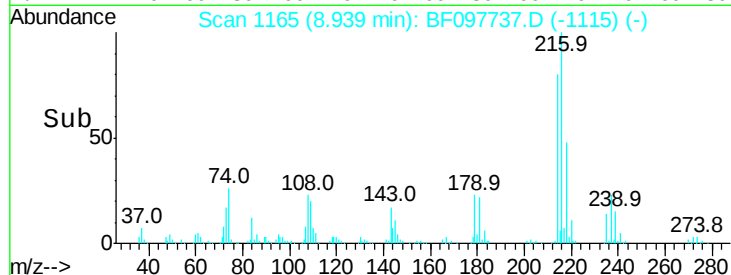
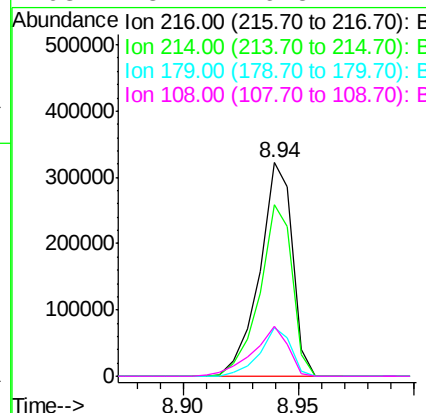
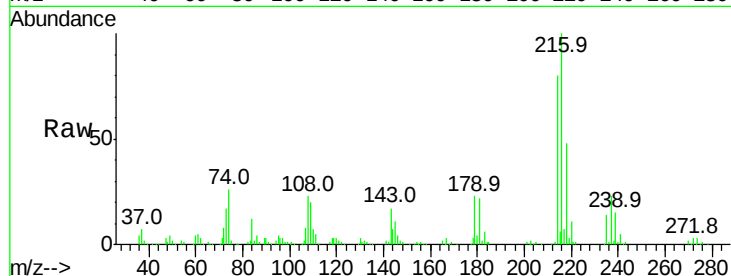




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.165 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

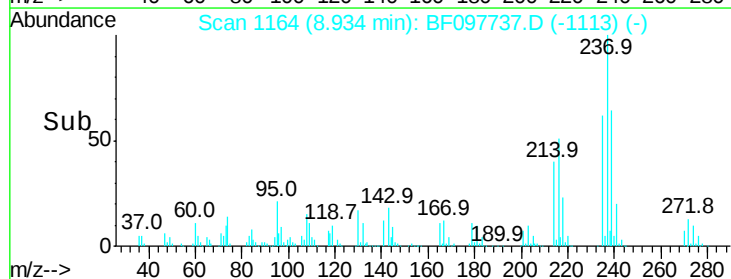
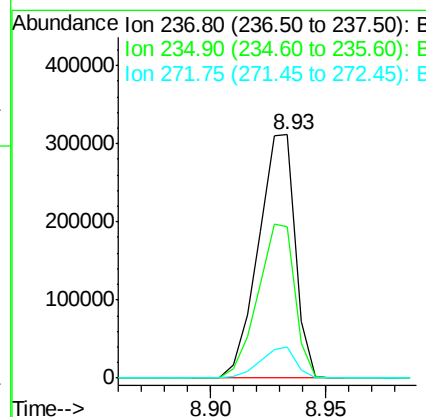
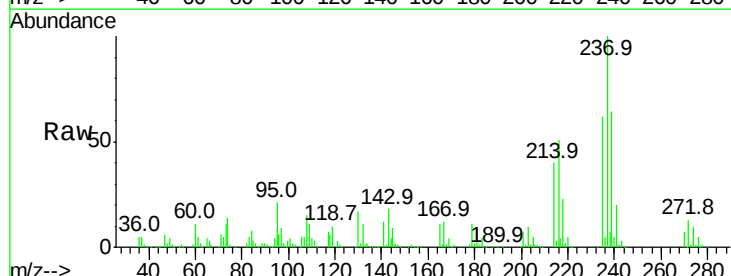
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

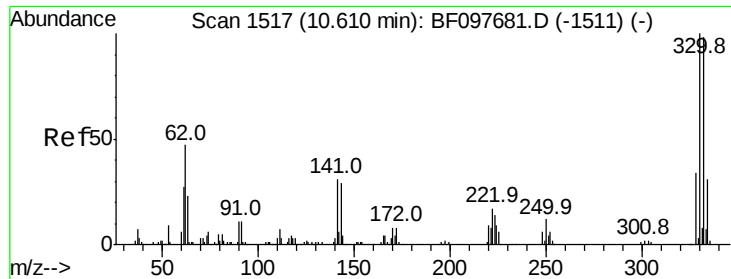
Tot Ion:	216	Resp:	319955
Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.4	95.2
179	21.6	17.9	26.9
108	25.2	16.5	24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 77.306 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:	237	Resp:	347800
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.6	82.6
272	12.9	0.0	31.9

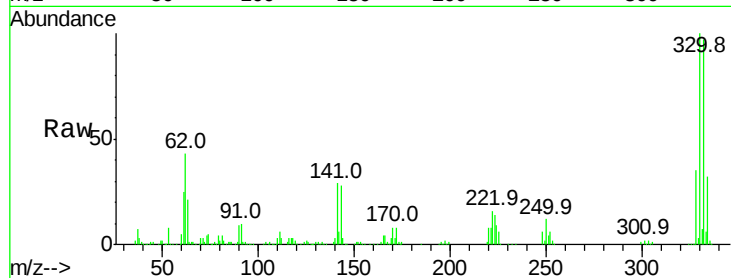




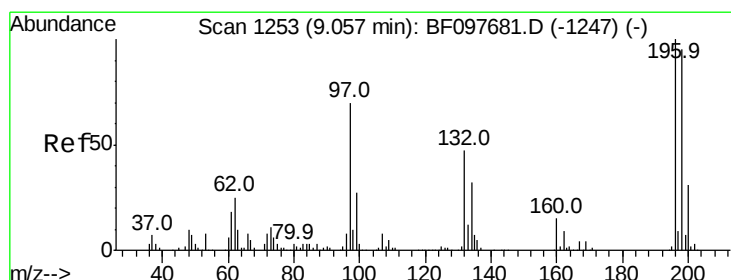
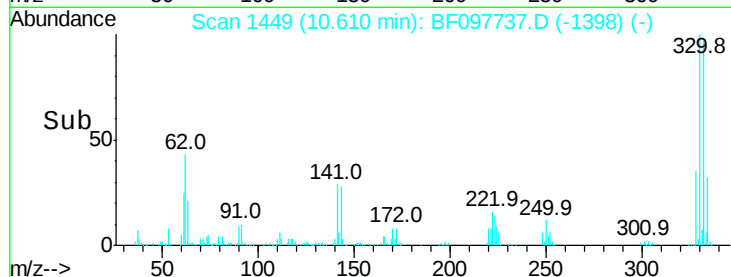
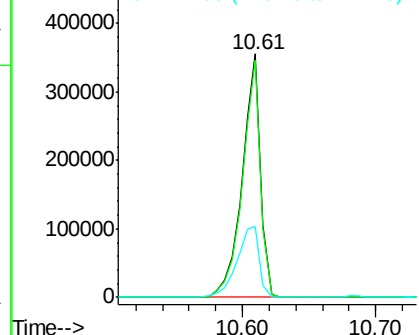
#41
 2,4,6-Tribromophenol
 Concen: 127.799 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	35.8	31.4	47.2

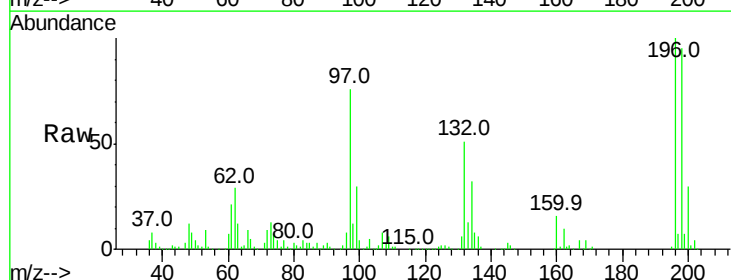


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

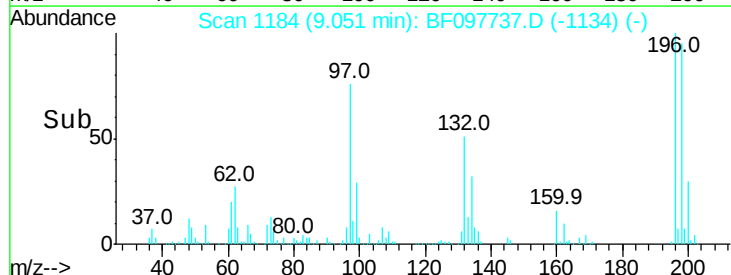
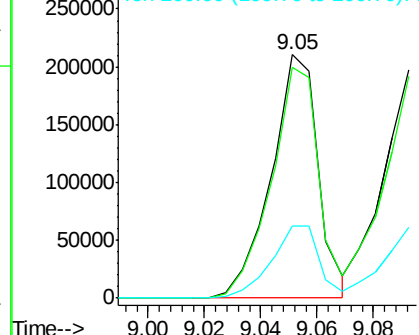


#42
 2,4,6-Trichlorophenol
 Concen: 38.622 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.2	111.4
200	29.7	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

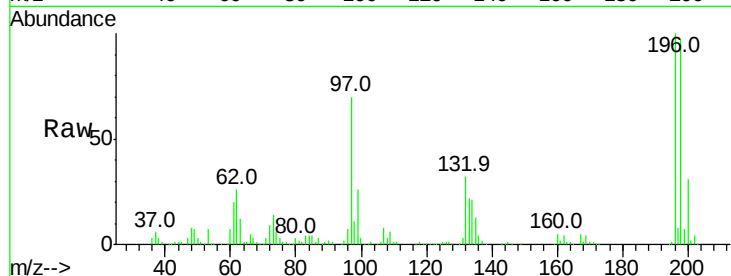




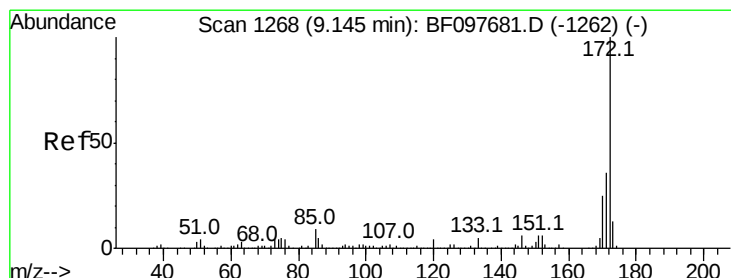
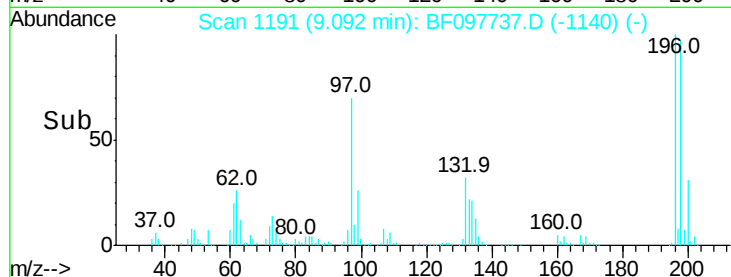
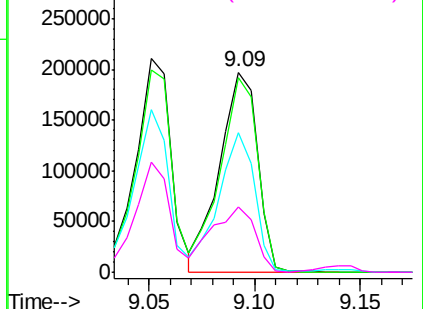
#43
 2,4,5-Trichlorophenol
 Concen: 39.326 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:196 Resp: 245296
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 97 70.0 47.7 71.5
 132 32.5 28.0 42.0

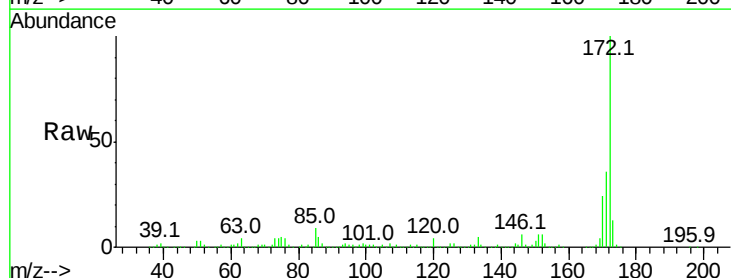


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

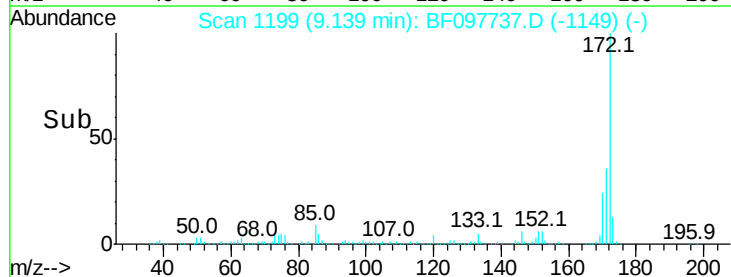
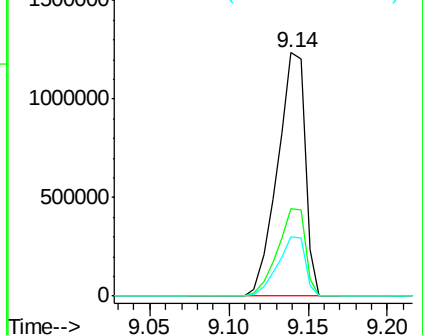


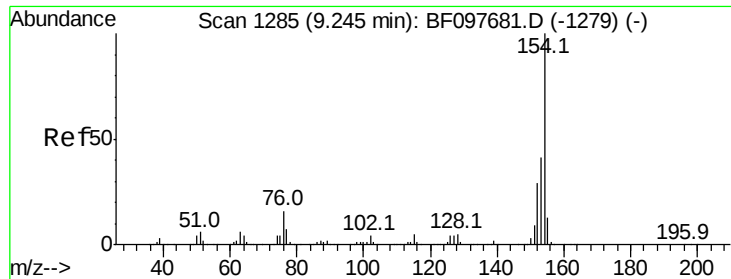
#44
 2-Fluorobiphenyl
 Concen: 72.057 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:172 Resp: 1496597
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.2 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: 35.052 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

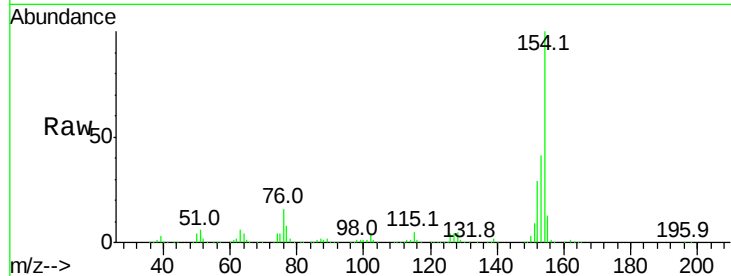
Tot Ion:154 Resp: 975389

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

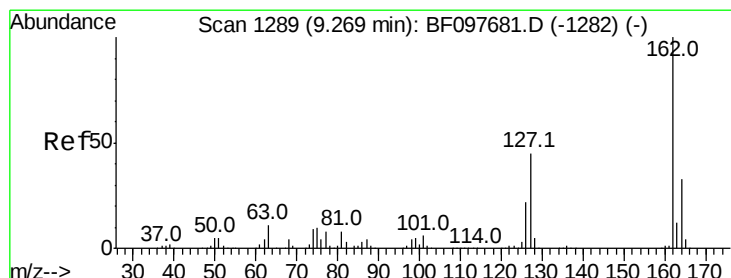
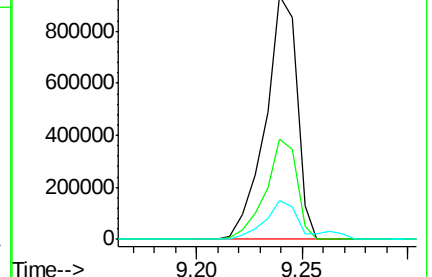
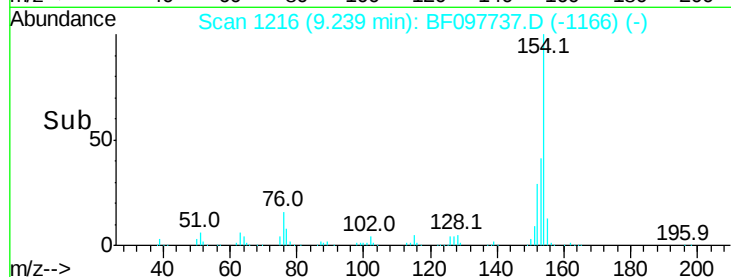
76 16.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 34.465 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

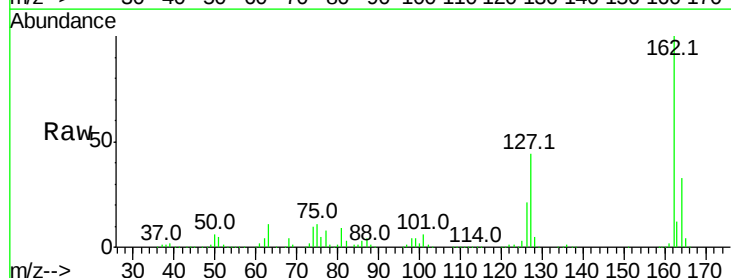
Tgt Ion:162 Resp: 708620

Ion Ratio Lower Upper

162 100

127 44.5 28.3 42.5#

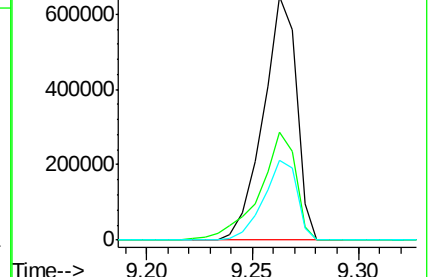
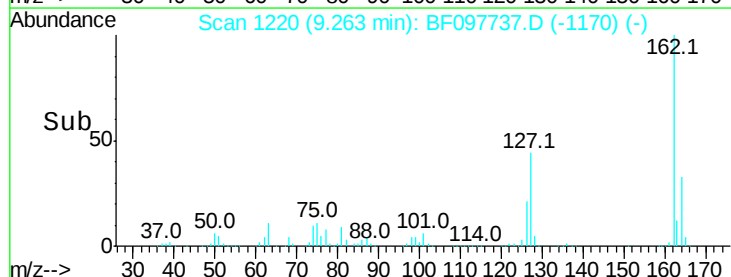
164 32.9 27.0 40.4

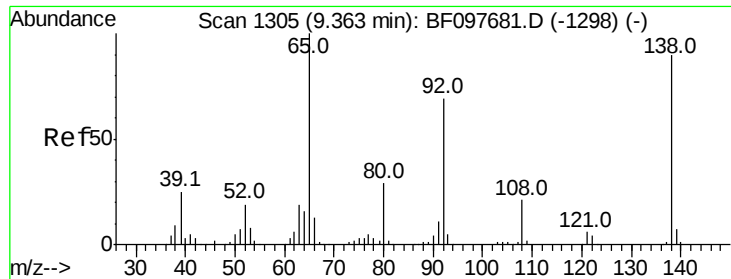


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

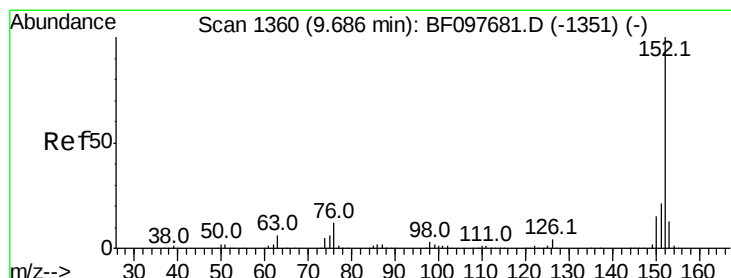
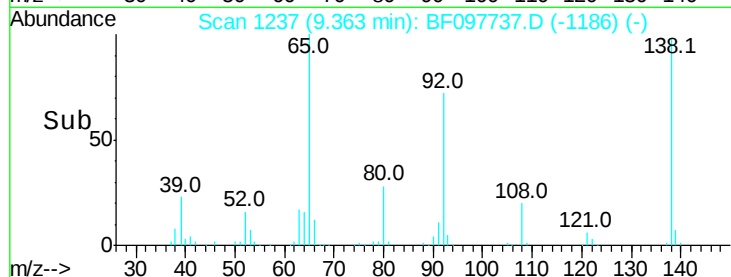
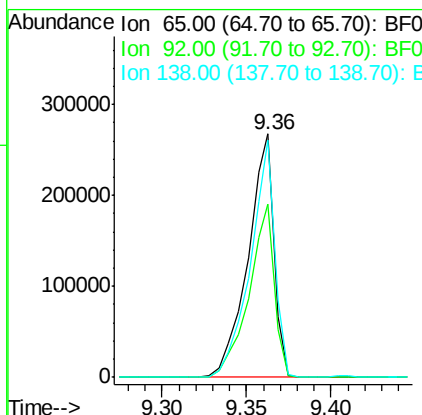
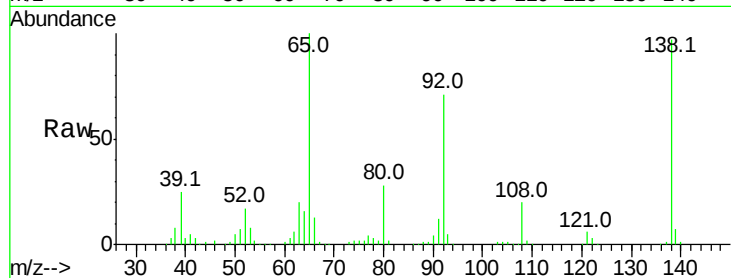




#47
 2-Nitroaniline
 Concen: 41.784 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

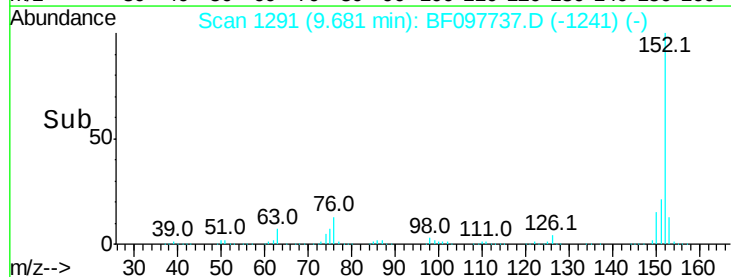
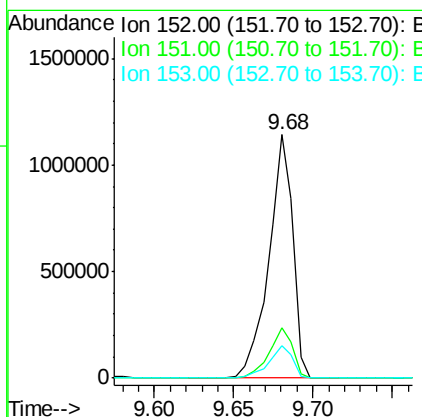
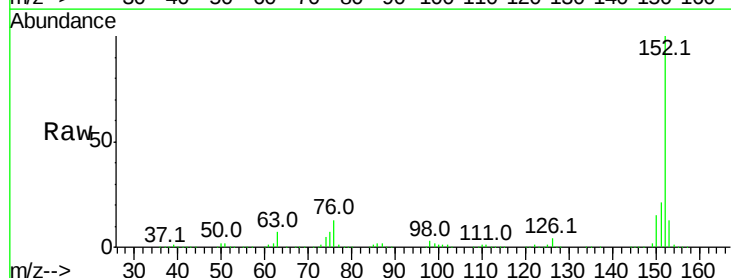
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

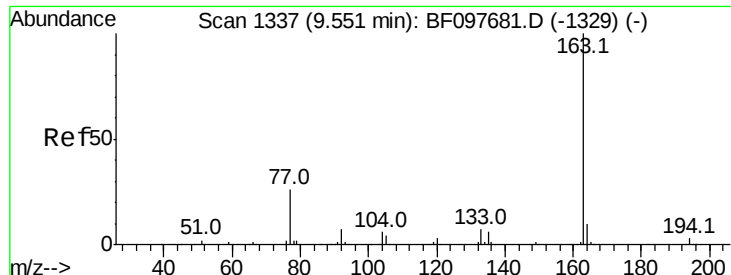
Tot Ion: 65 Resp: 288005
 Ion Ratio Lower Upper
 65 100
 92 71.4 53.9 80.9
 138 97.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 37.208 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:152 Resp: 1201363
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 13.4 10.8 16.2

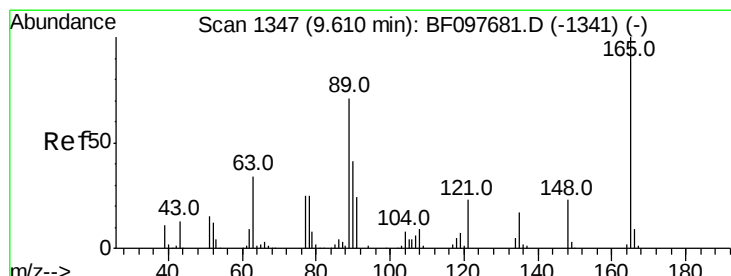
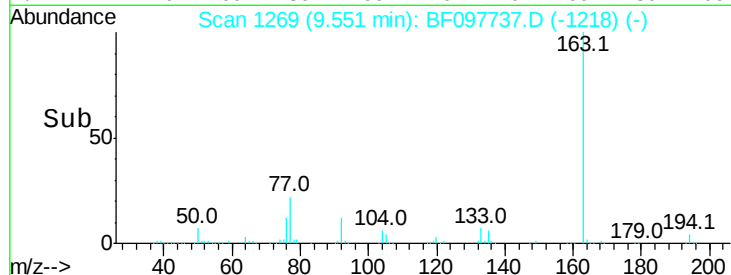
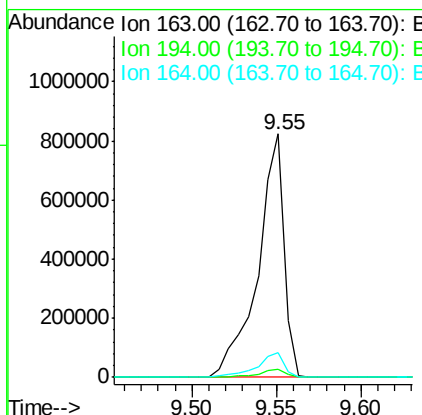
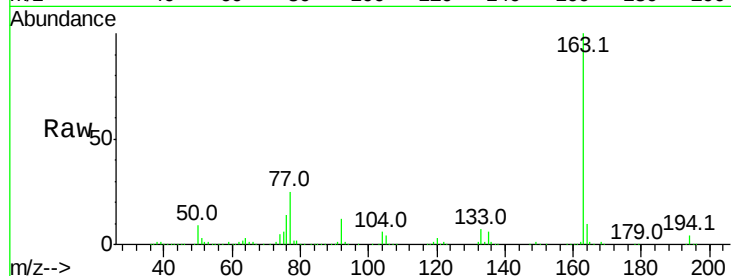




#49
Dimethylphthalate
Concen: 39.781 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

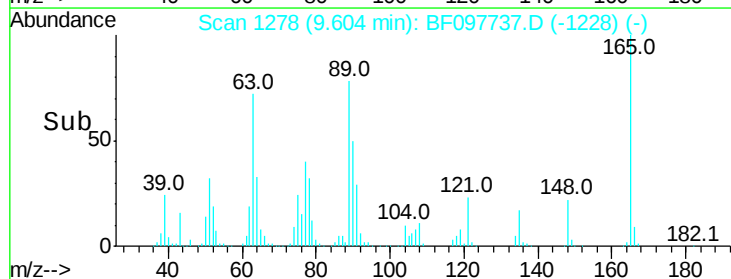
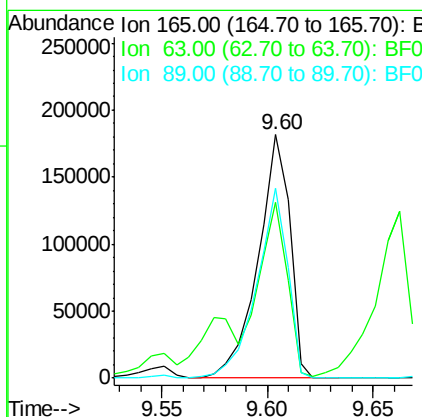
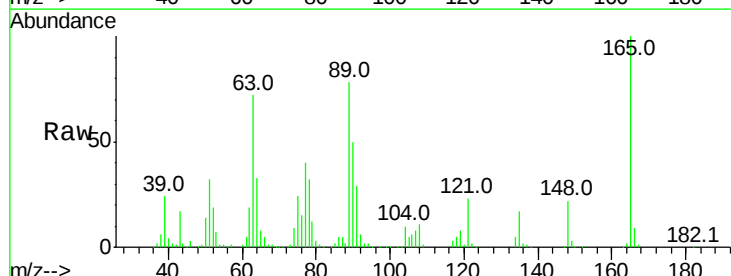
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

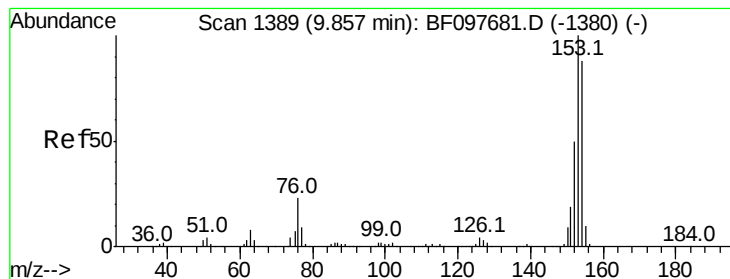
Tot Ion:163 Resp: 887339
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 42.717 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:165 Resp: 190191
Ion Ratio Lower Upper
165 100
63 72.0 34.3 51.5#
89 78.2 37.1 55.7#





#51

Acenaphthene

Concen: 36.182 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

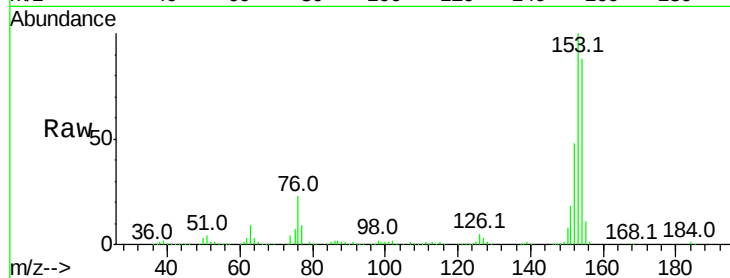
Tot Ion:154 Resp: 736784

Ion Ratio Lower Upper

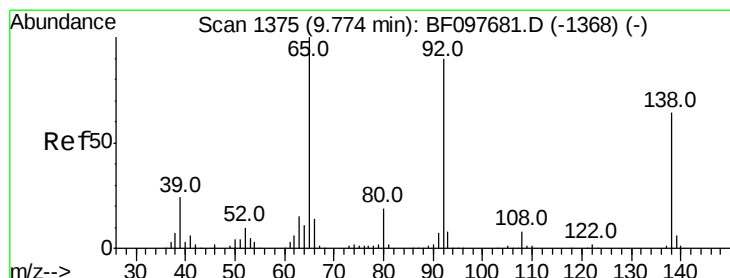
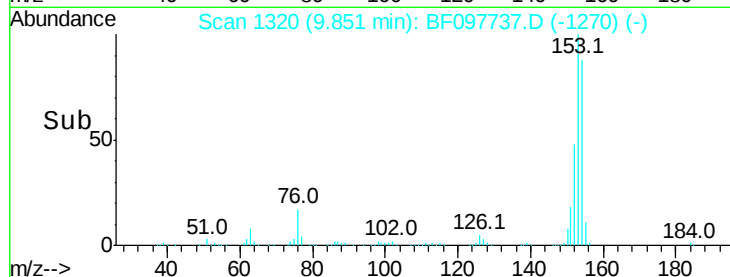
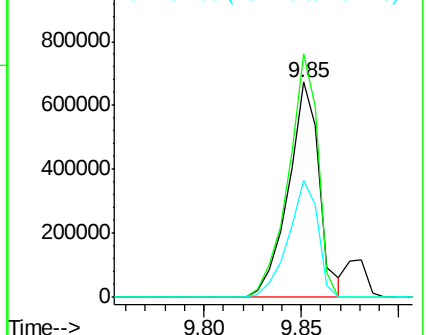
154 100

153 113.1 90.5 135.7

152 54.5 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: 17.178 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

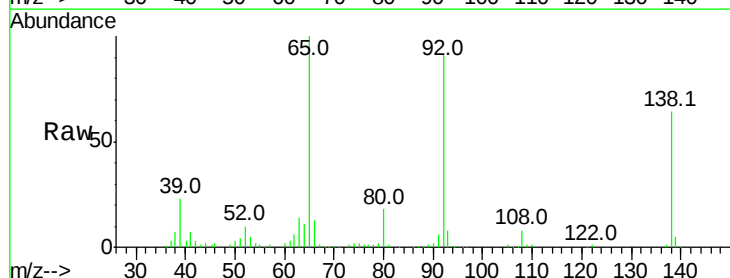
Tgt Ion:138 Resp: 98678

Ion Ratio Lower Upper

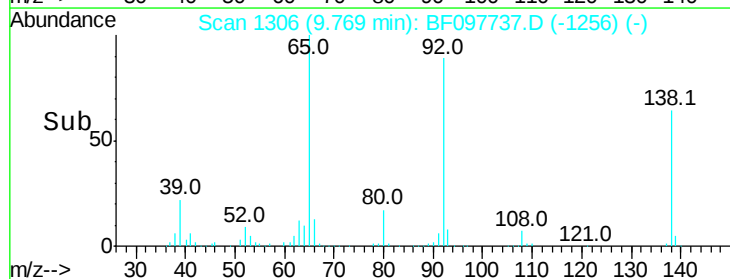
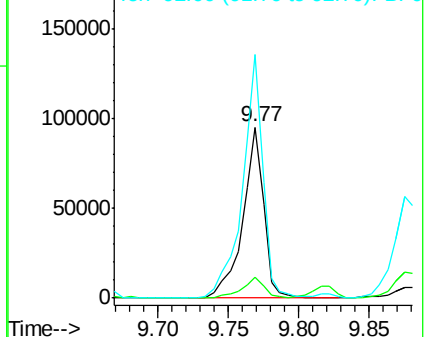
138 100

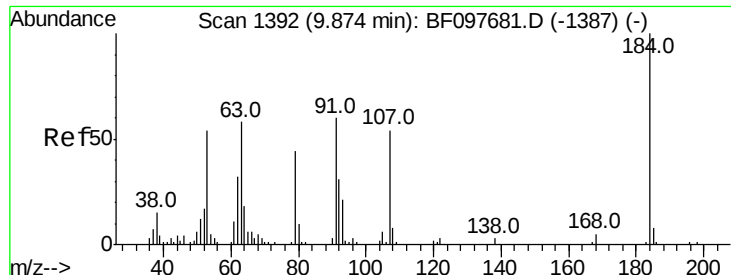
108 12.2 9.1 13.7

92 142.4 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

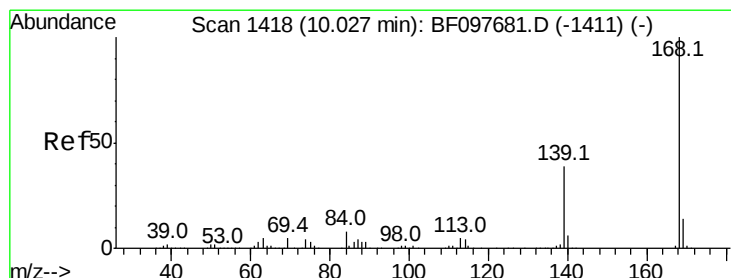
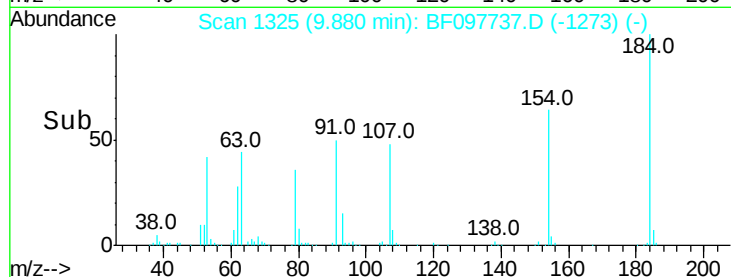
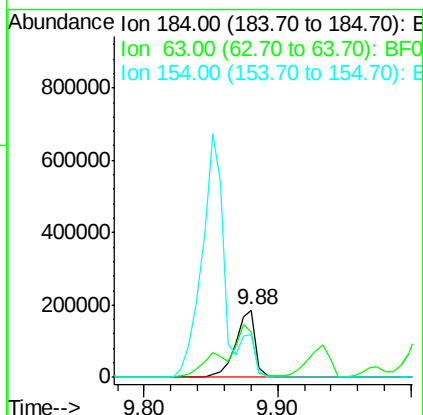
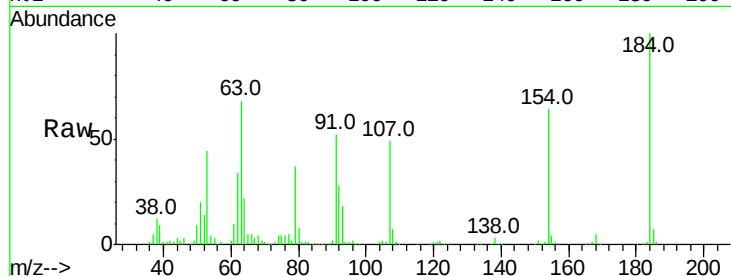




#53
 2,4-Dinitrophenol
 Concen: 89.817 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

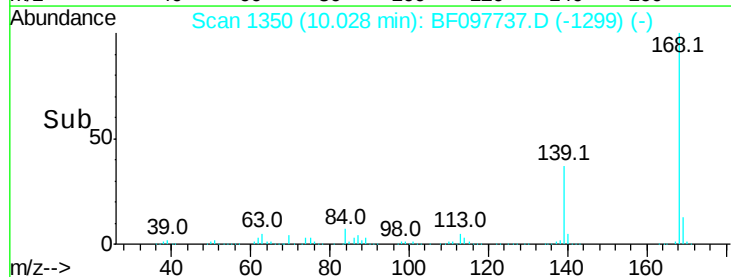
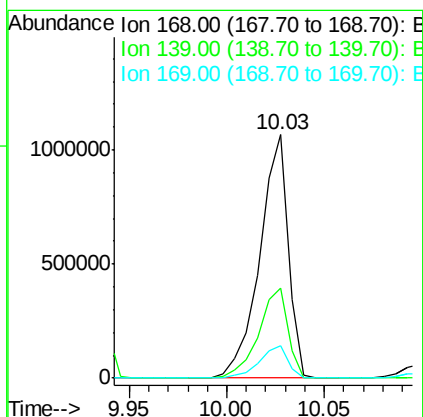
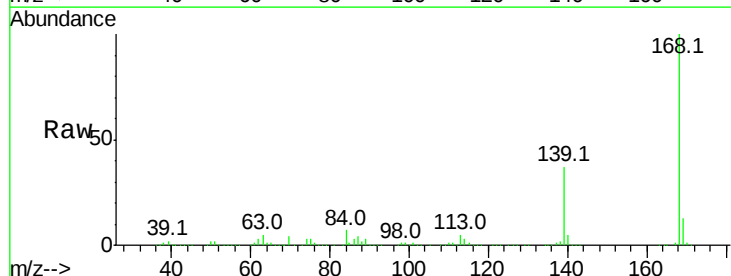
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

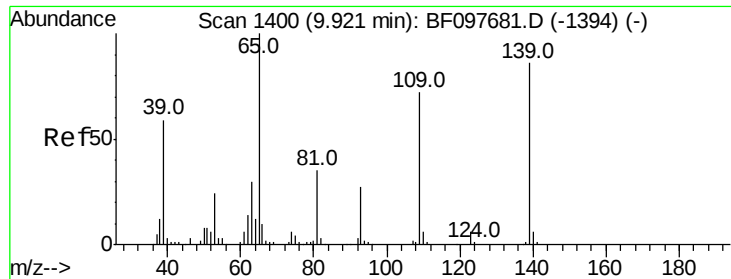
Tot Ion:184 Resp: 193246
 Ion Ratio Lower Upper
 184 100
 63 68.0 62.7 94.1
 154 63.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.544 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:168 Resp: 1079203
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 69.635 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

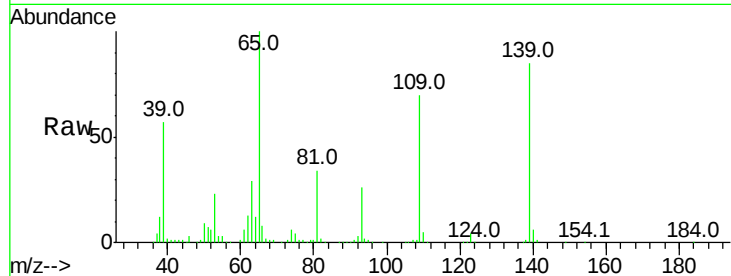
Tot Ion:139 Resp: 319098

Ion Ratio Lower Upper

139 100

109 82.5 34.1 74.1#

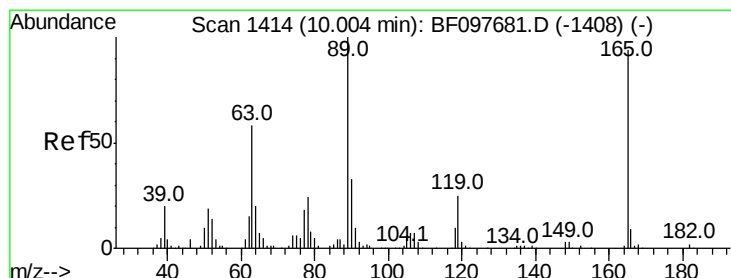
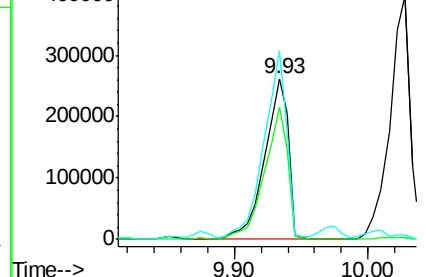
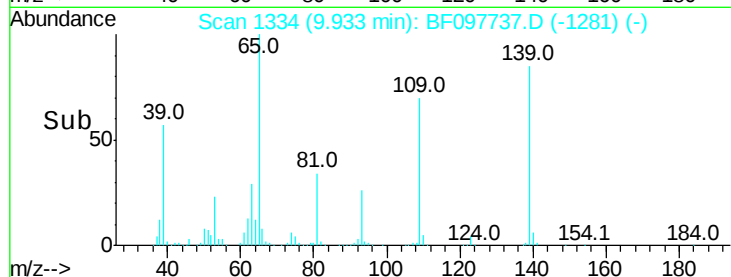
65 117.6 31.4 71.4#



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: 45.002 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Tgt Ion:165 Resp: 251453

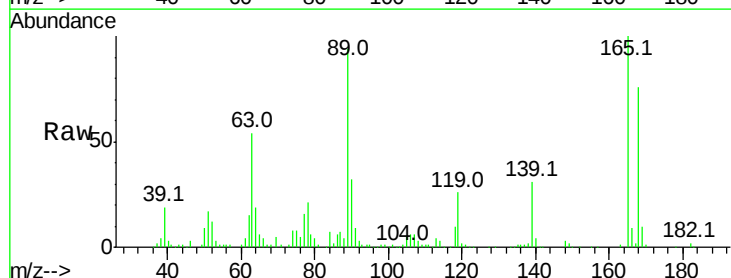
Ion Ratio Lower Upper

165 100

63 54.0 25.4 38.0#

89 94.0 46.4 69.6#

182 2.3 1.8 2.6

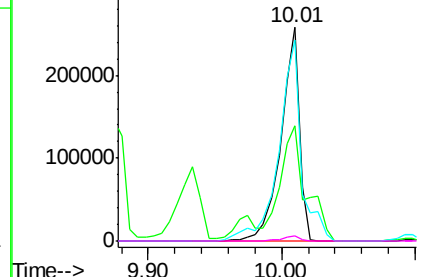
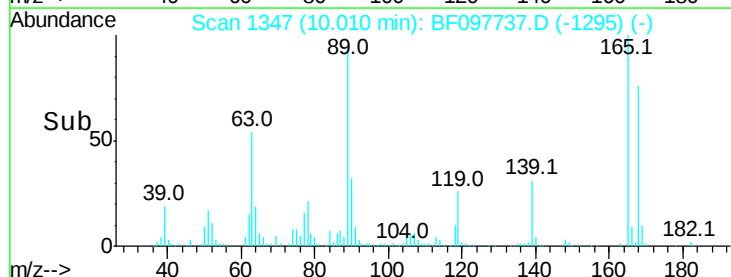


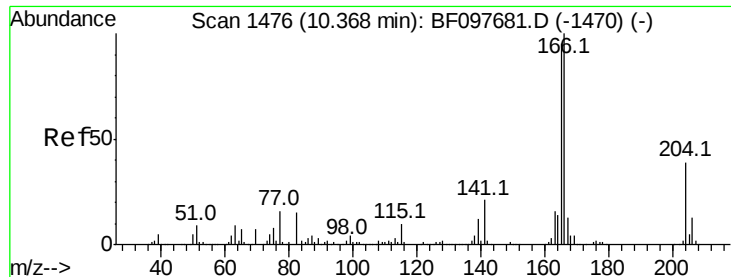
Abundance Ion 165.00 (164.70 to 165.70): E

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

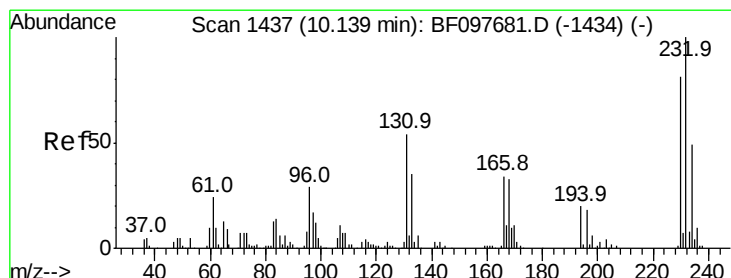
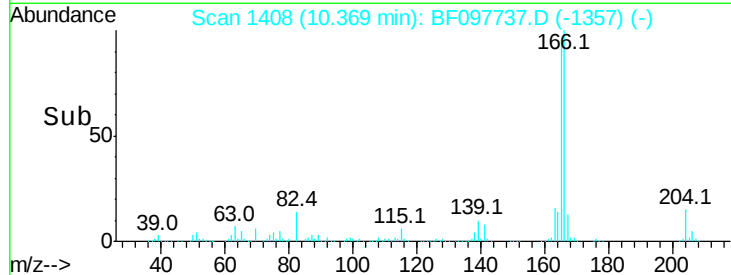
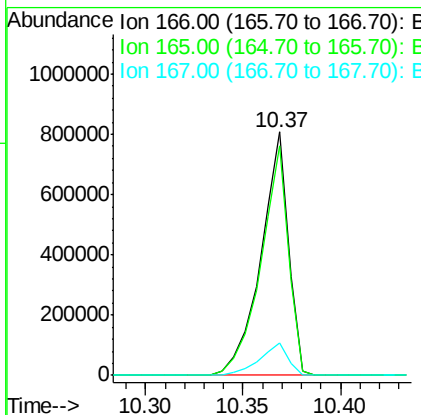
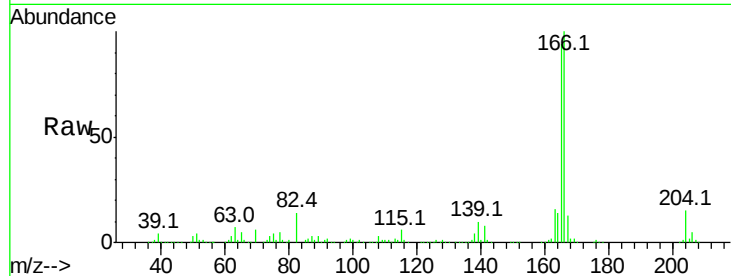




#57
Fluorene
 Concen: 37.390 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

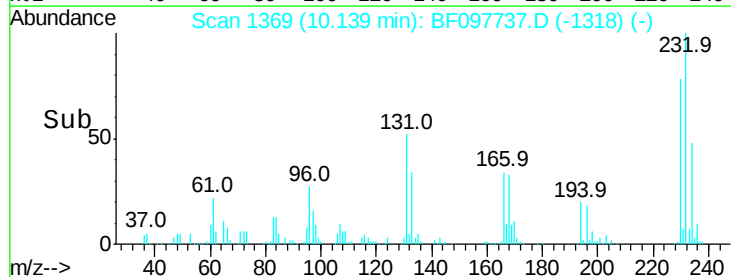
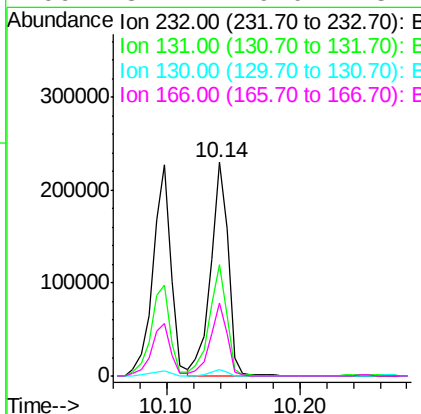
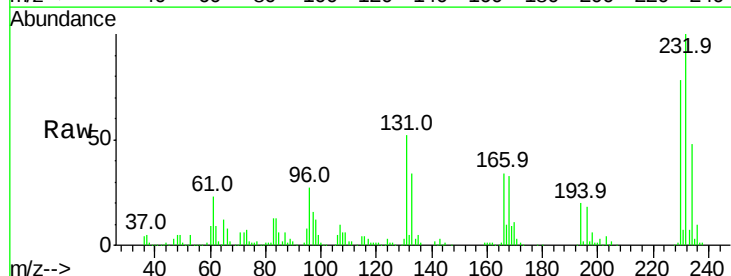
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

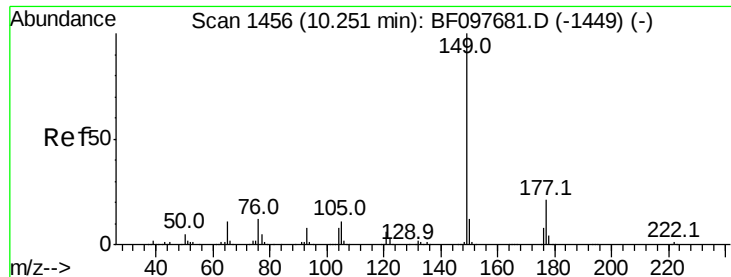
Tot Ion:166 Resp: 788940
 Ion Ratio Lower Upper
 166 100
 165 94.1 78.8 118.2
 167 13.3 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.228 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:232 Resp: 213590
 Ion Ratio Lower Upper
 232 100
 131 51.7 44.8 67.2
 130 2.7 2.3 3.5
 166 32.7 29.0 43.4

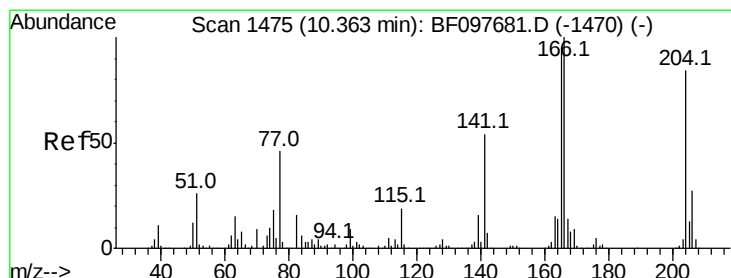
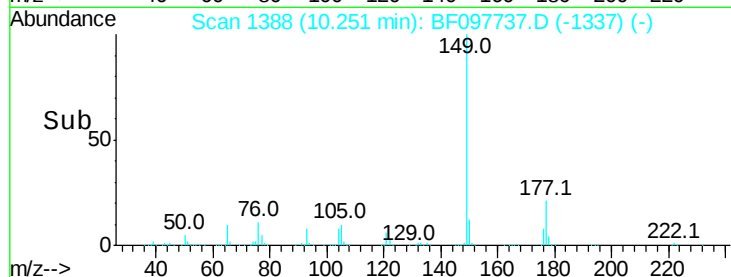
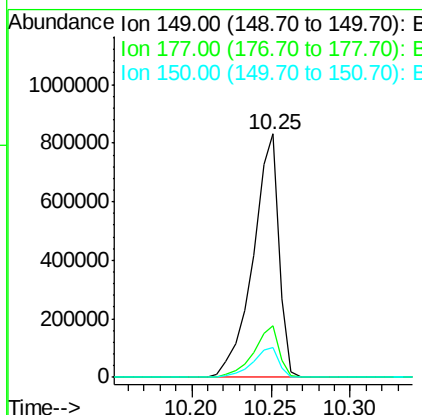
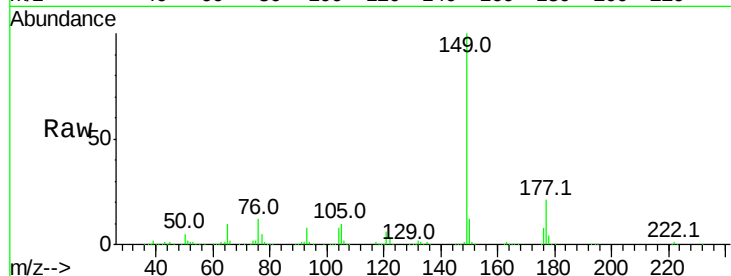




#59
Diethylphthalate
Concen: 40.444 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

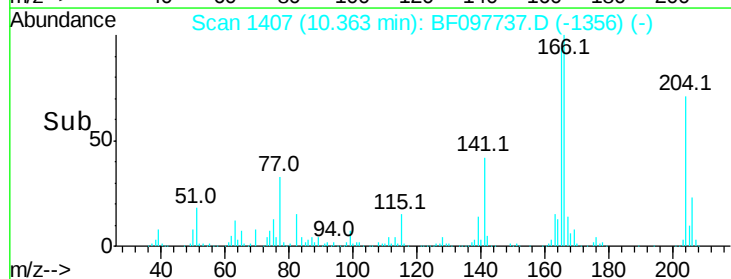
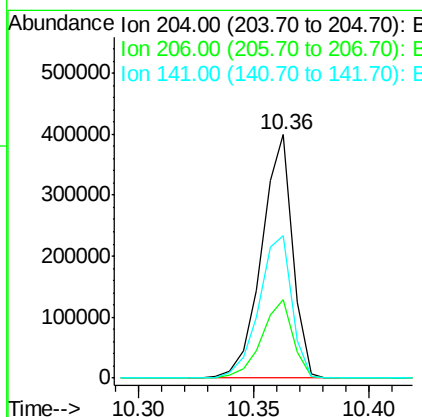
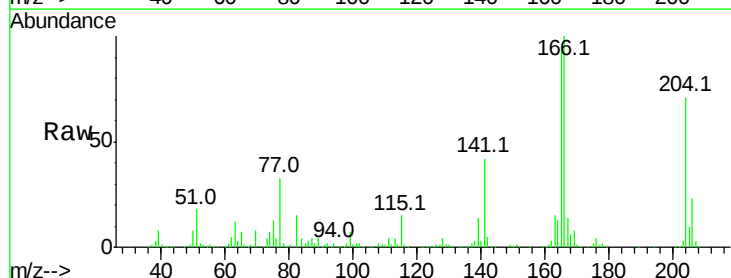
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

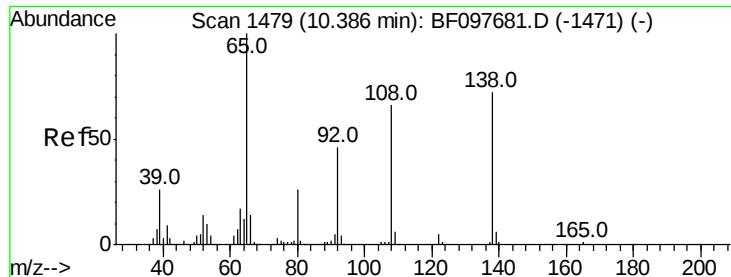
Tot Ion:149 Resp: 943403
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.027 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:204 Resp: 372758
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 58.6 60.8 91.2#

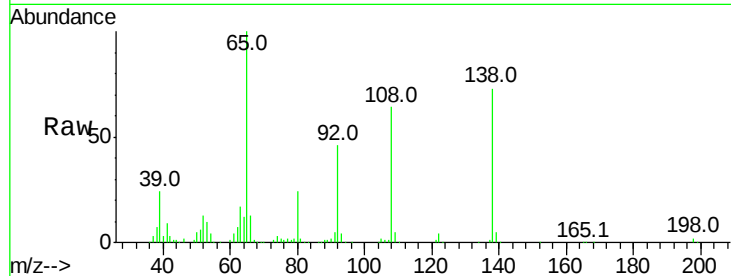




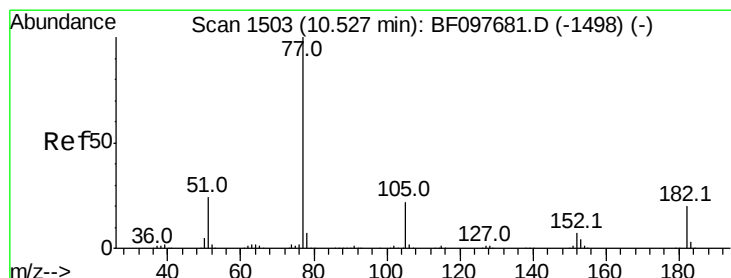
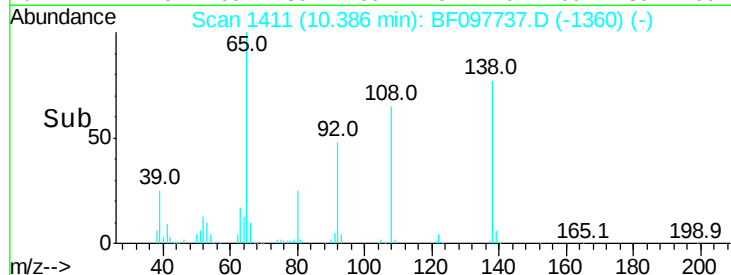
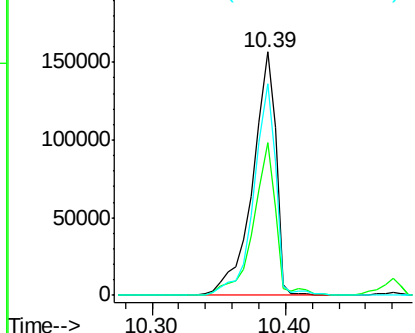
#61
4-Nitroaniline
Concen: 34.560 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion:138 Resp: 188687
Ion Ratio Lower Upper
138 100
92 62.6 21.8 61.8#
108 87.2 42.3 82.3#

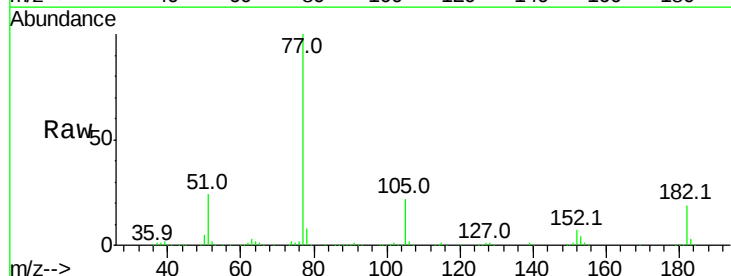


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

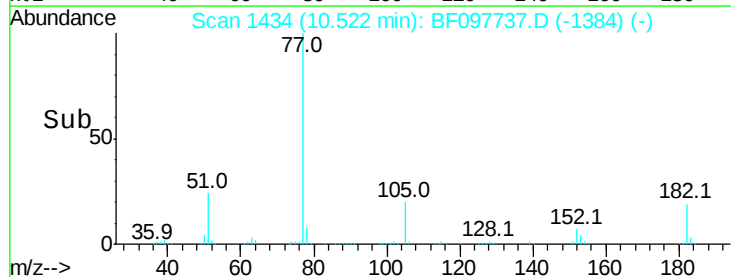
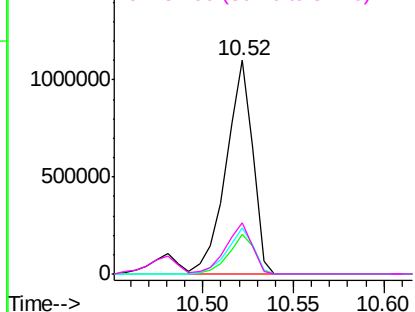


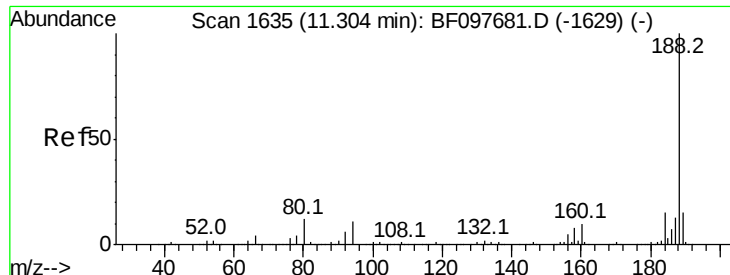
#62
Azobenzene
Concen: 40.426 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion: 77 Resp: 1120105
Ion Ratio Lower Upper
77 100
182 18.7 0.1 40.1
105 21.6 3.6 43.6
51 23.8 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

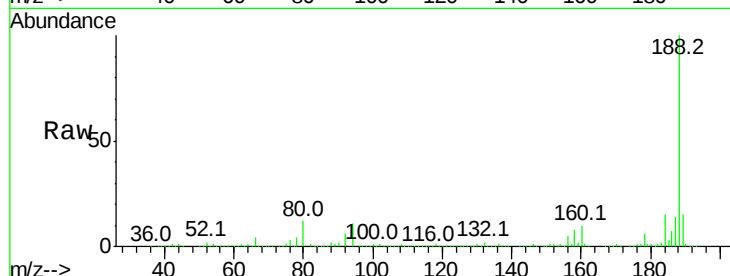
Tot Ion:188 Resp: 575272

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

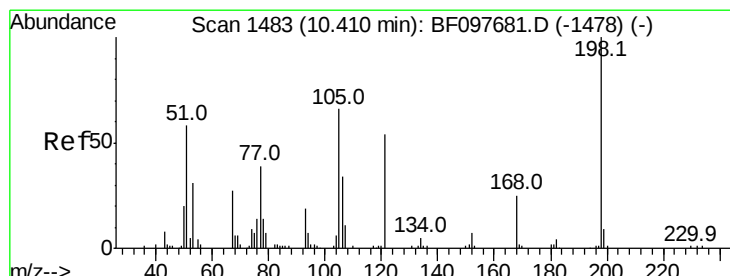
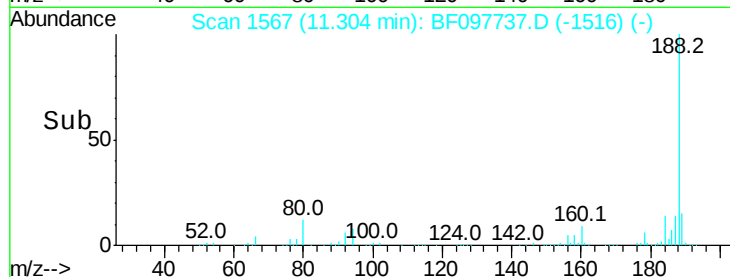
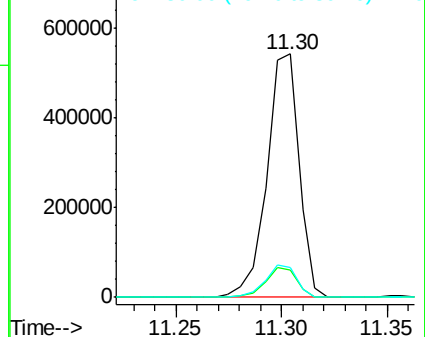
80 12.1 10.2 15.2



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: 45.283 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

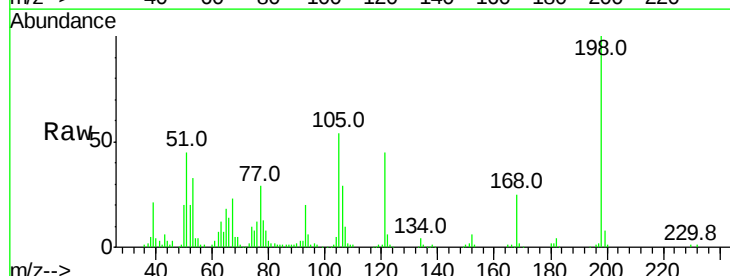
Tgt Ion:198 Resp: 121212

Ion Ratio Lower Upper

198 100

51 44.9 53.2 93.2#

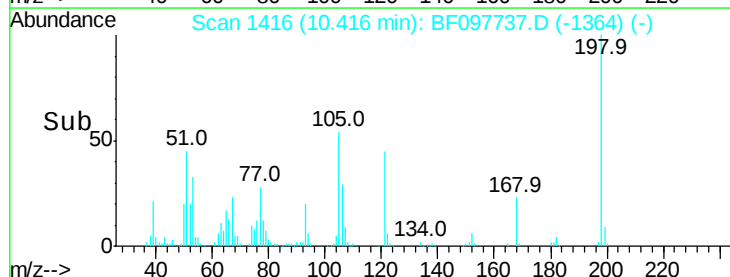
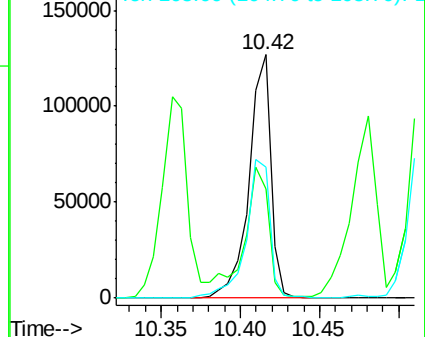
105 53.6 45.8 85.8

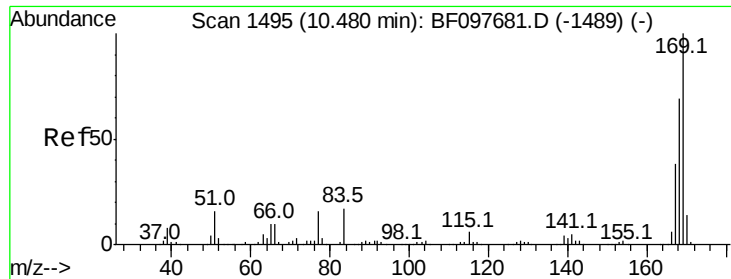


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

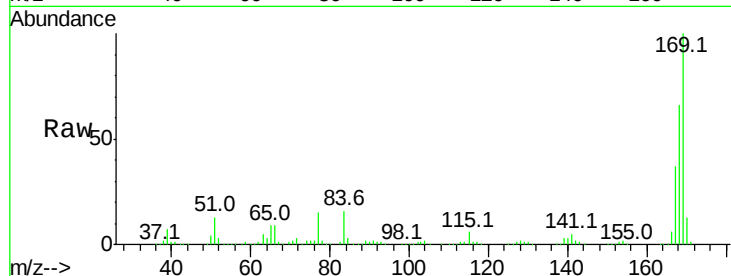




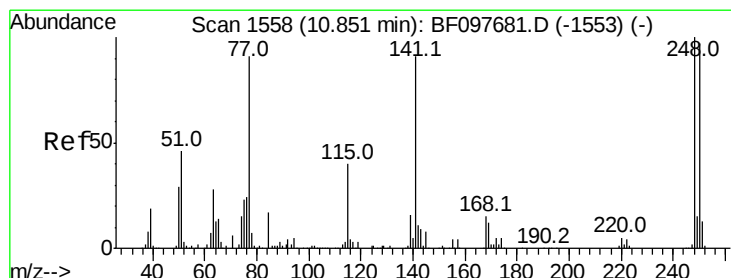
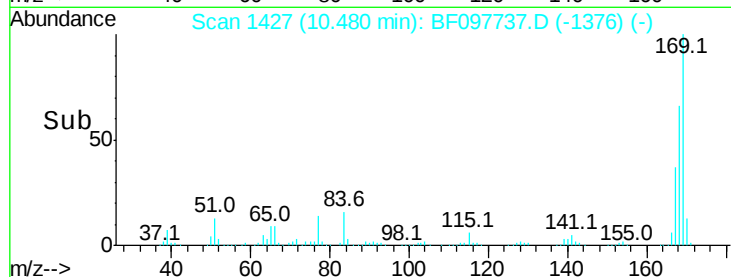
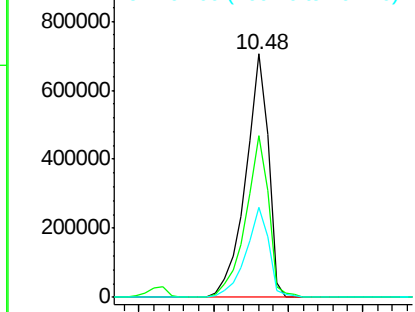
#65
 n-Nitrosodiphenylamine
 Concen: 37.811 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:169 Resp: 740711
 Ion Ratio Lower Upper
 169 100
 168 66.4 53.2 79.8
 167 37.2 29.5 44.3

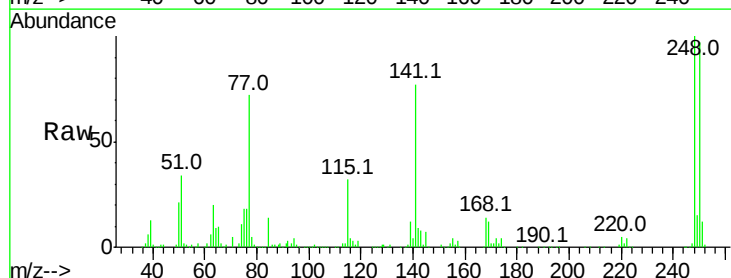


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

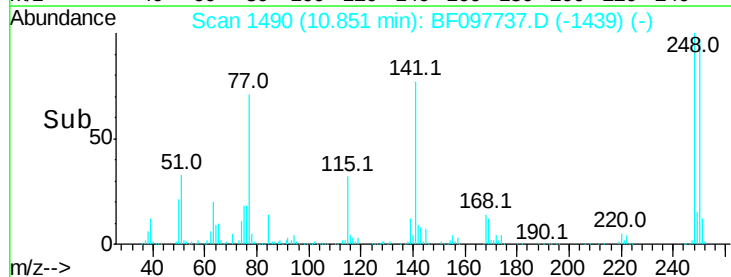
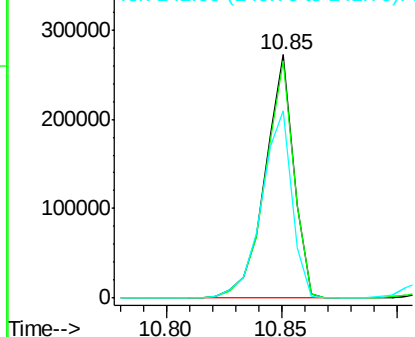


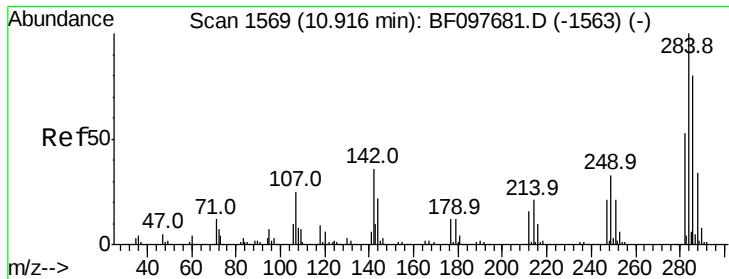
#66
 4-Bromophenyl-phenylether
 Concen: 39.298 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:248 Resp: 234758
 Ion Ratio Lower Upper
 248 100
 250 97.2 76.8 115.2
 141 77.2 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: 37.090 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

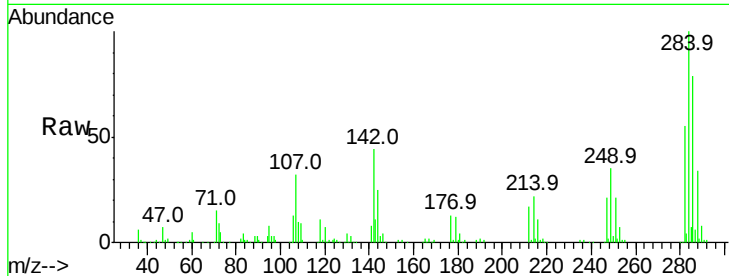
Tot Ion:284 Resp: 225838

Ion Ratio Lower Upper

284 100

142 44.2 22.8 34.2#

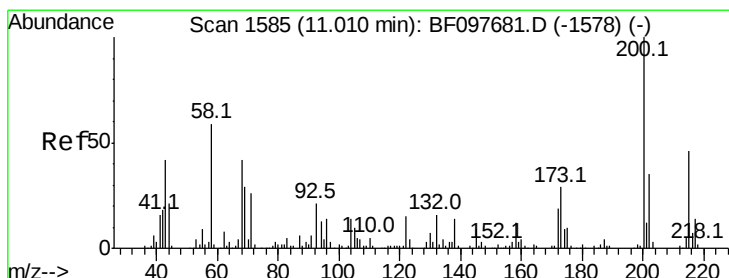
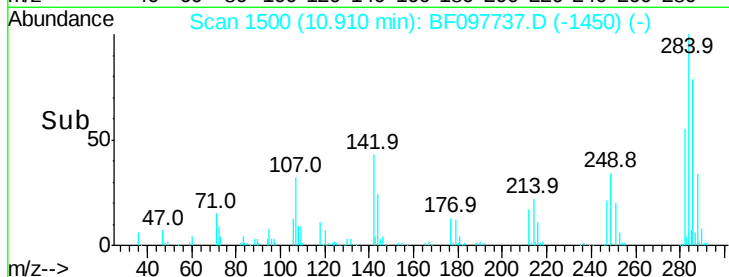
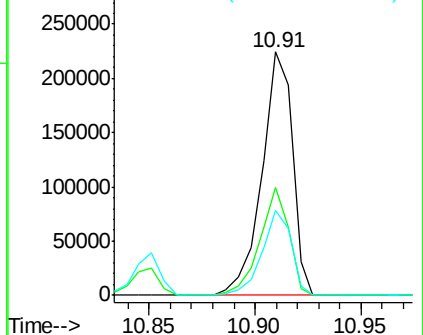
249 35.0 24.0 36.0



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: 41.354 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

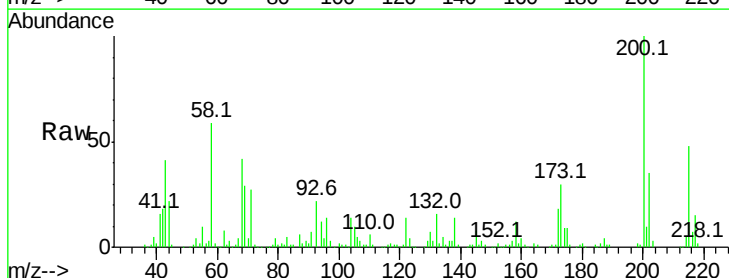
Tgt Ion:200 Resp: 214842

Ion Ratio Lower Upper

200 100

173 30.4 6.3 46.3

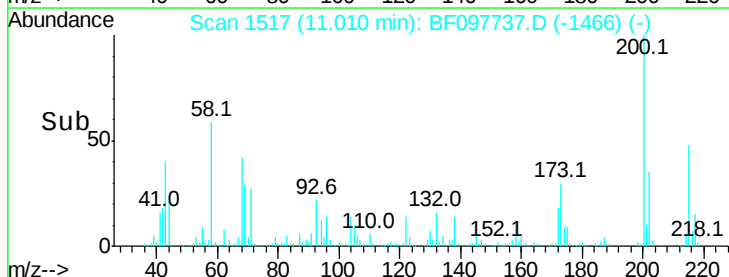
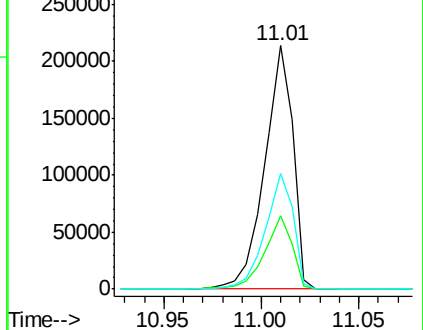
215 47.6 27.2 67.2



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

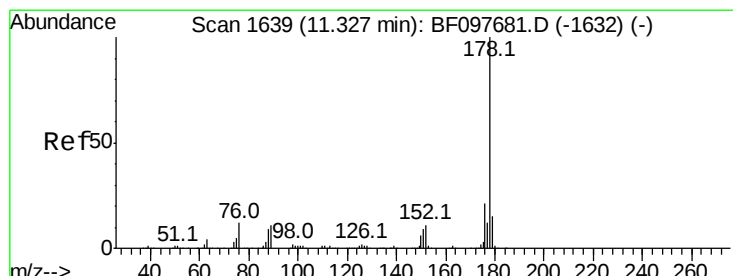
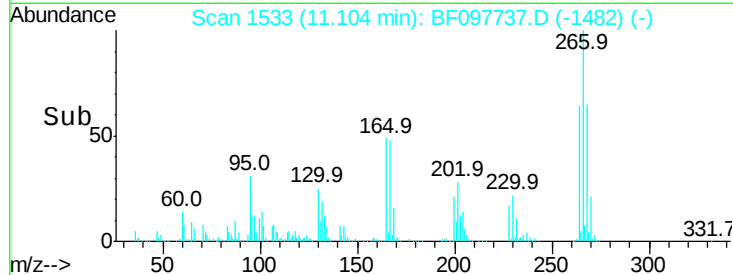
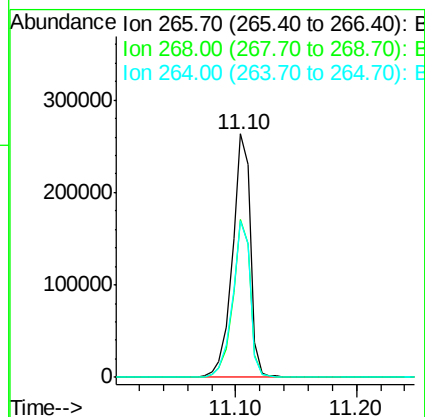
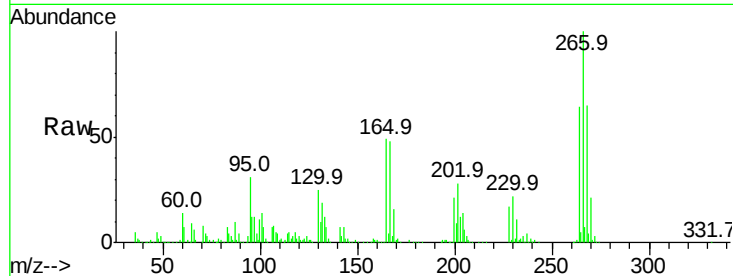




#69
 Pentachlorophenol
 Concen: 76.977 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

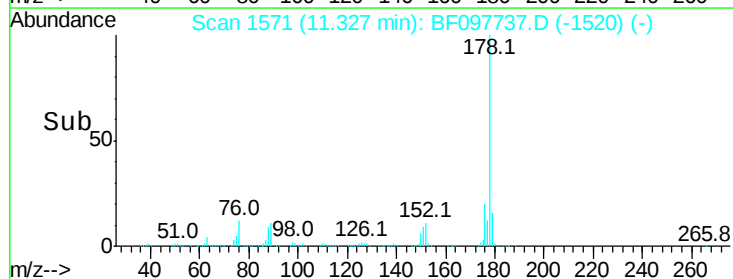
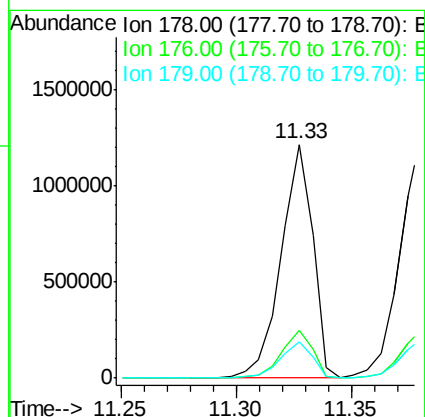
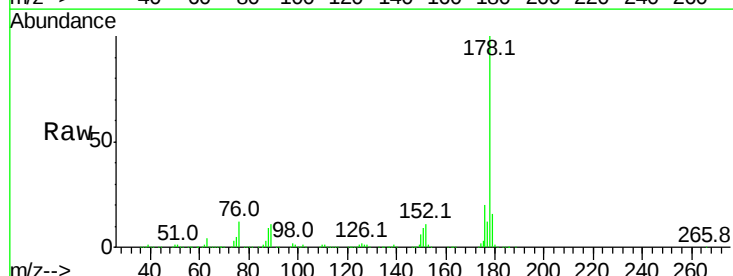
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

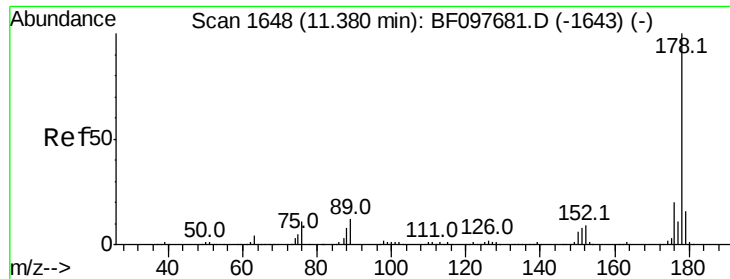
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.1	76.7
264	64.2	51.7	77.5



#70
 Phenanthrene
 Concen: 37.637 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	15.6	12.6	19.0

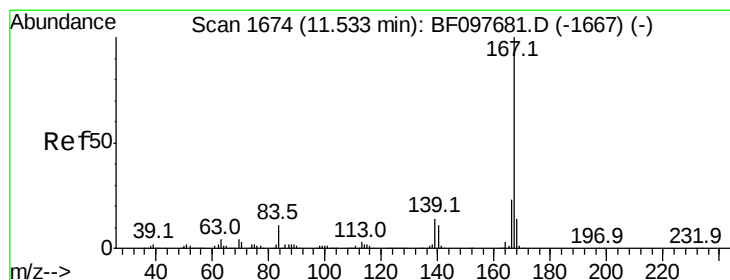
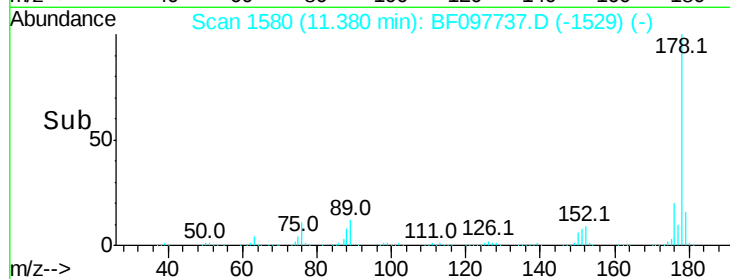
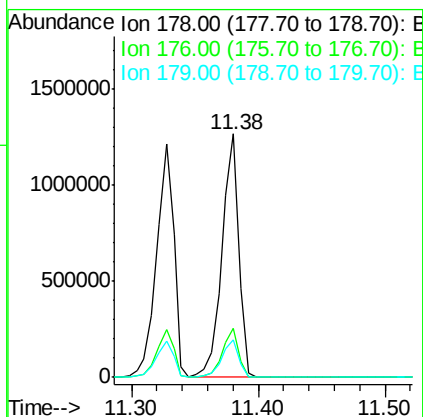
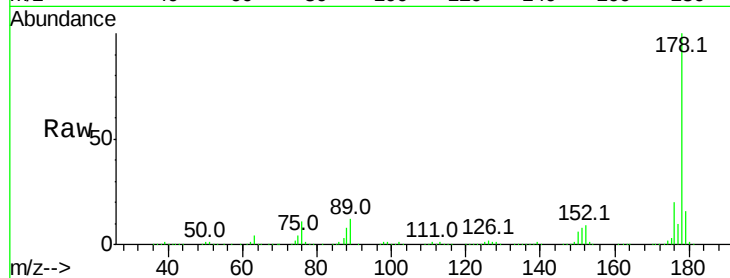




#71
 Anthracene
 Concen: 37.620 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

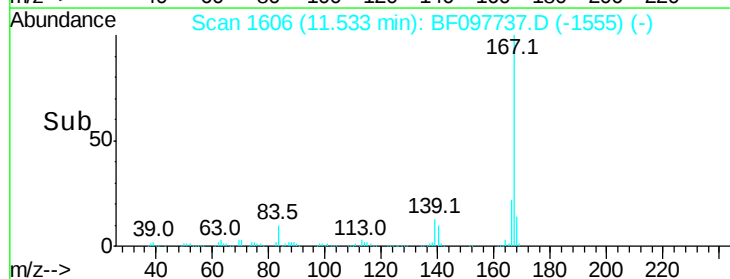
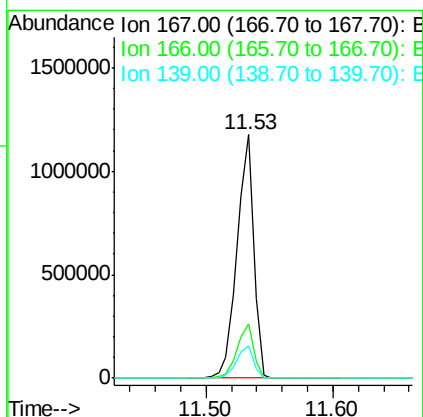
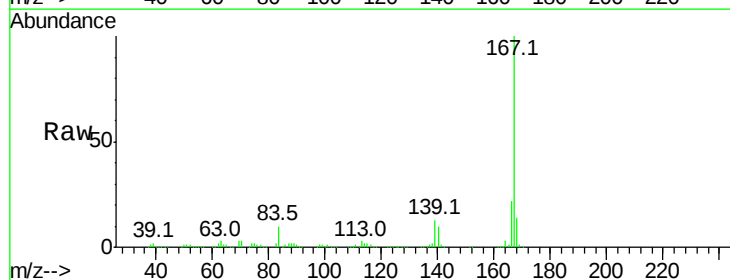
Instrument :
 BNA_F
 ClientSampleId :
 SU-02-081117MS

Tot Ion:178 Resp: 1169687
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 36.058 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF097737.D
 Acq: 16 Aug 2017 14:26

Tgt Ion:167 Resp: 1064171
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.599 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

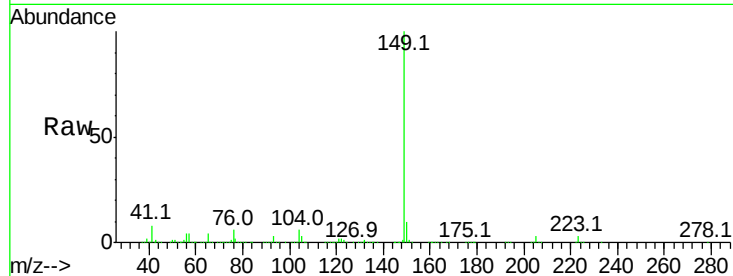
Tot Ion:149 Resp: 1448146

Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

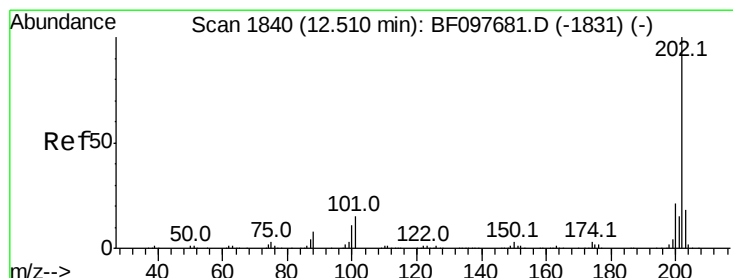
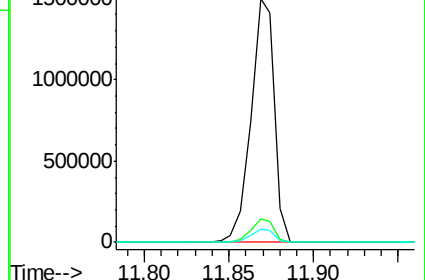
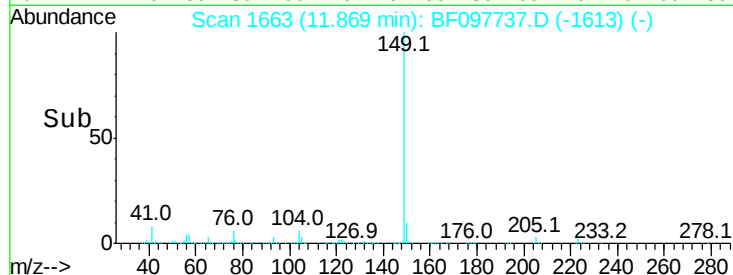
104 5.7 4.0 6.0



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: 36.569 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

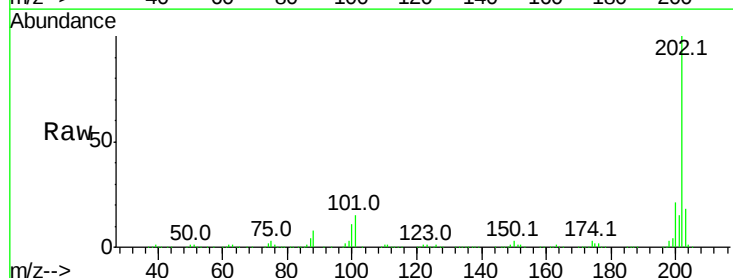
Tgt Ion:202 Resp: 1170057

Ion Ratio Lower Upper

202 100

101 15.0 0.0 33.2

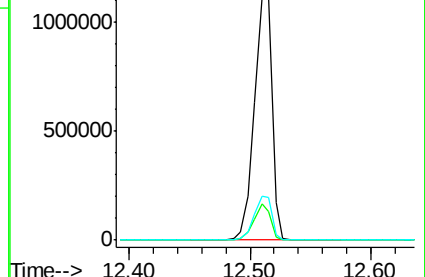
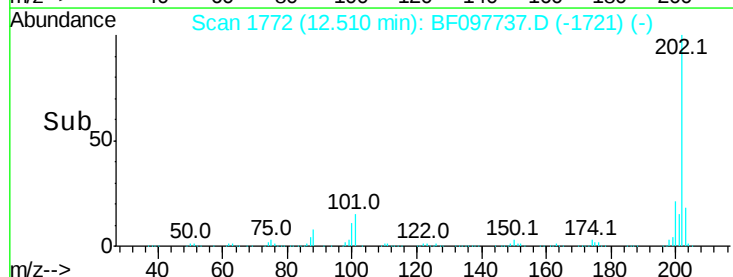
203 18.1 0.0 38.1

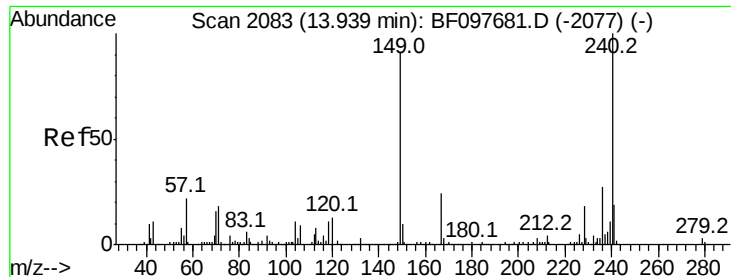


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

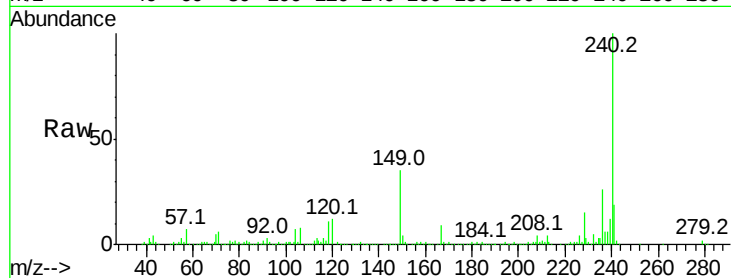
Tot Ion:240 Resp: 362728

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

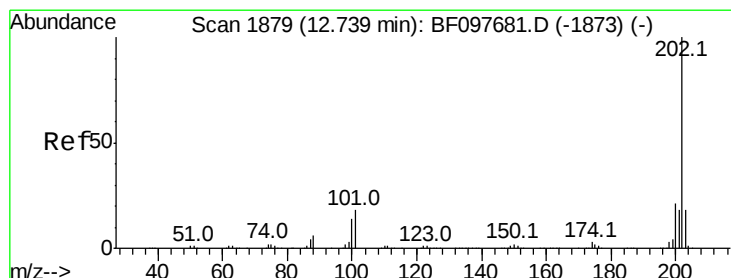
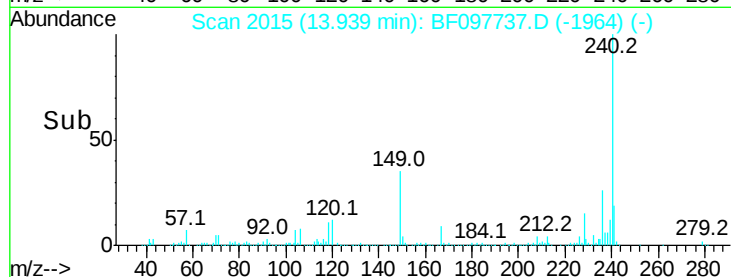
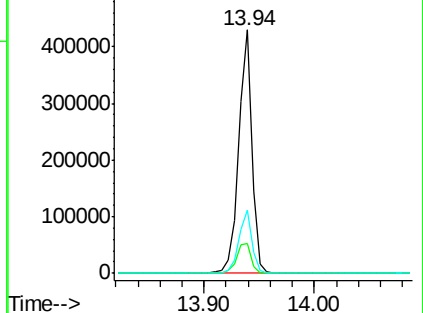
236 25.7 20.5 30.7



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



#77

Pyrene

Concen: 39.777 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

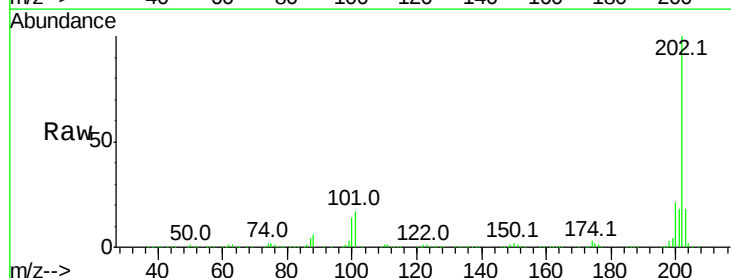
Tgt Ion:202 Resp: 1180061

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

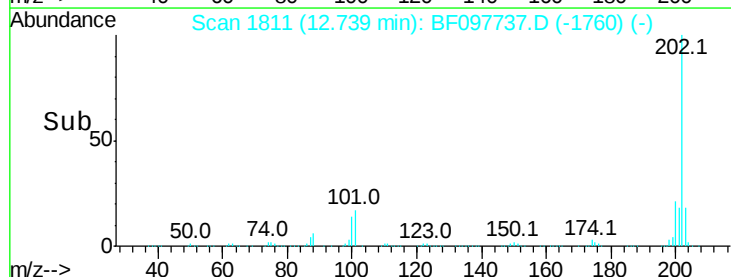
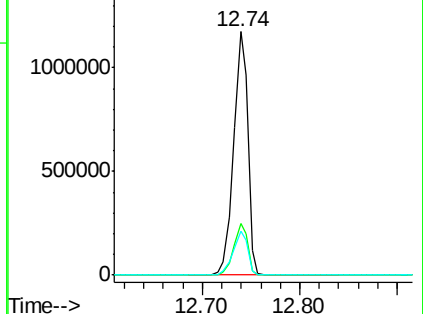
203 17.8 14.4 21.6

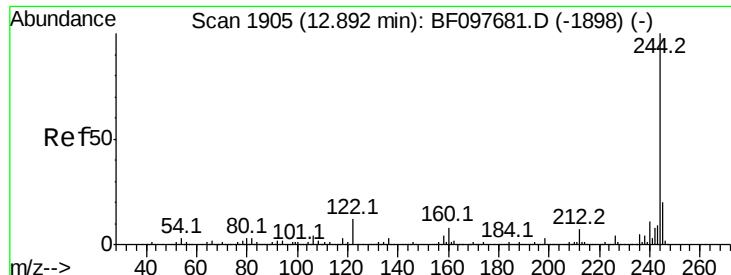


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 76.688 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

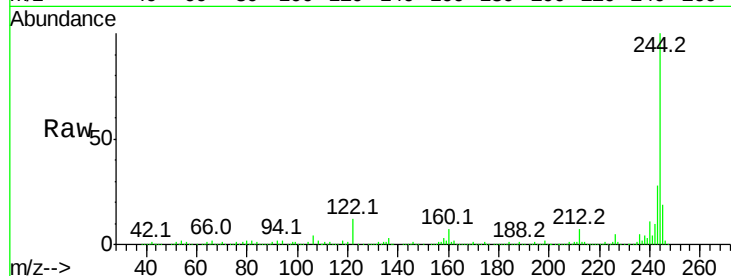
Tot Ion:244 Resp: 1333932

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

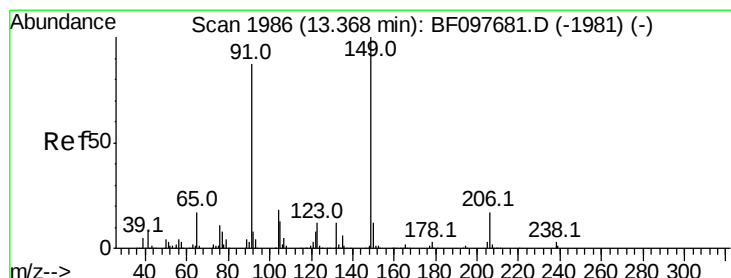
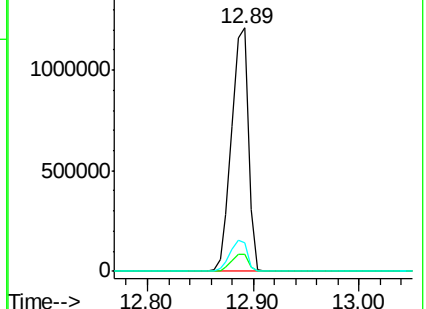
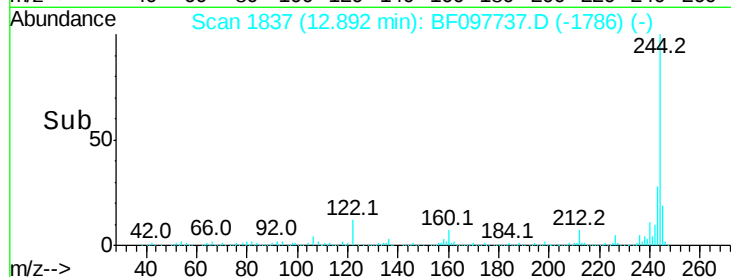
122 11.8 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 50.456 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

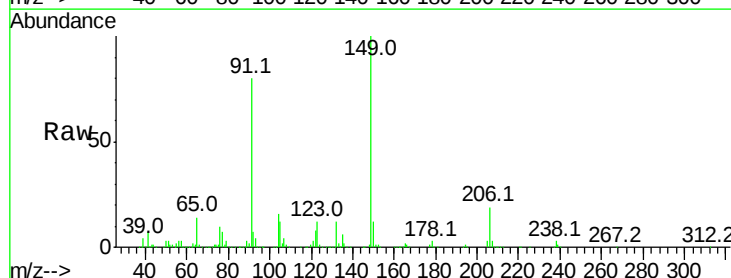
Tgt Ion:149 Resp: 573901

Ion Ratio Lower Upper

149 100

91 80.4 45.0 67.4#

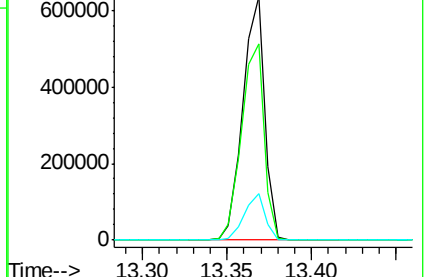
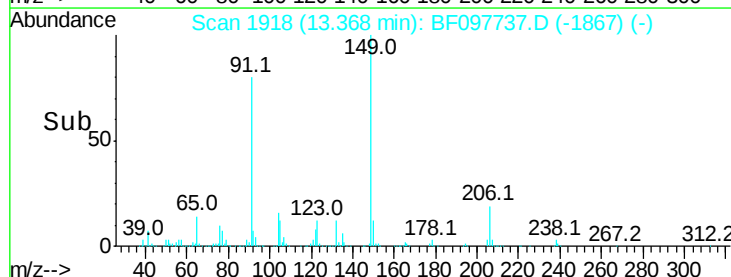
206 19.1 17.0 25.6

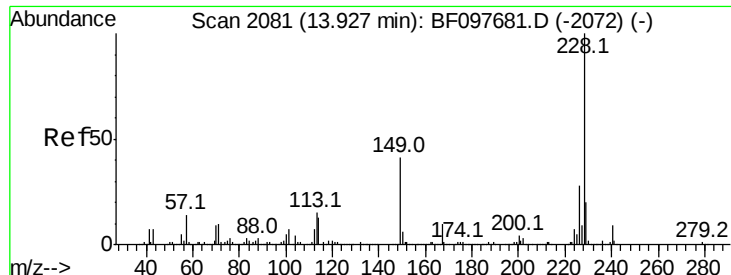


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

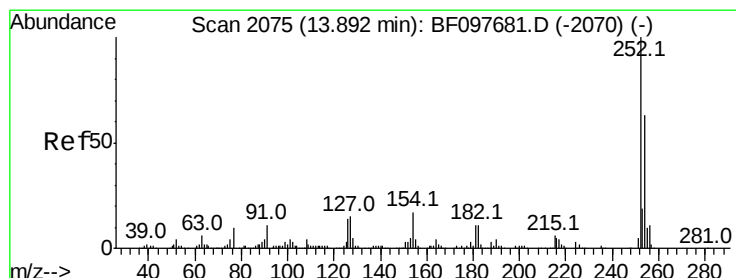
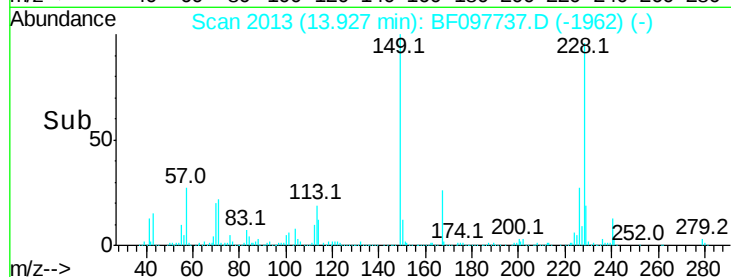
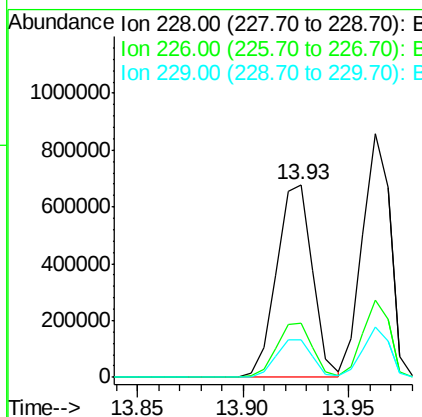
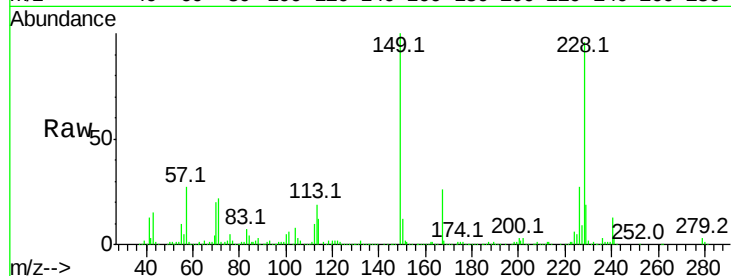




#80
Benzo(a)anthracene
Concen: 37.016 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

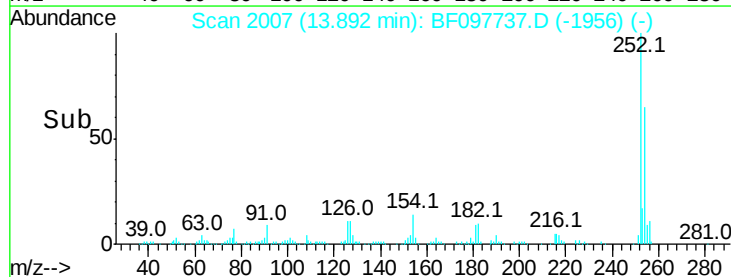
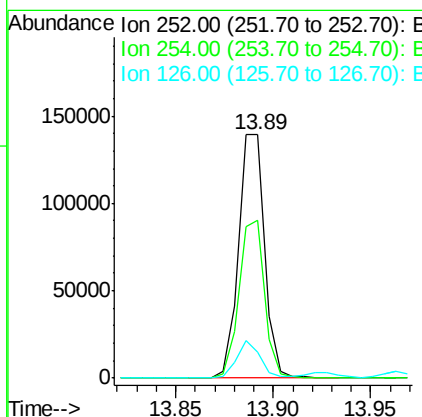
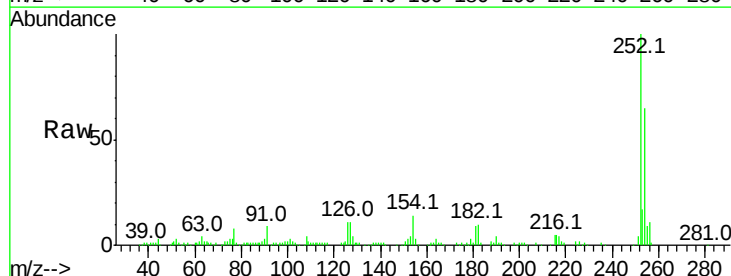
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

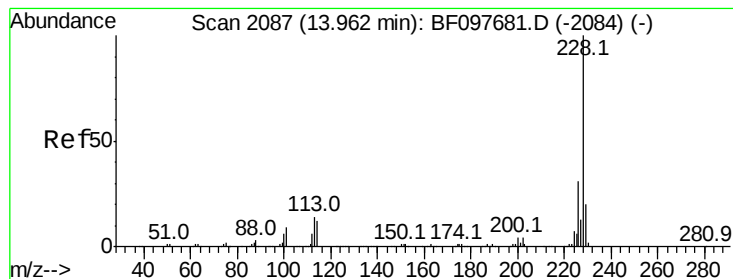
Tot Ion:228 Resp: 804725
Ion Ratio Lower Upper
228 100
226 28.0 22.6 33.8
229 19.8 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 17.632 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:252 Resp: 129347
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 10.6 15.8 23.8#





#82

Chrysene

Concen: 36.918 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

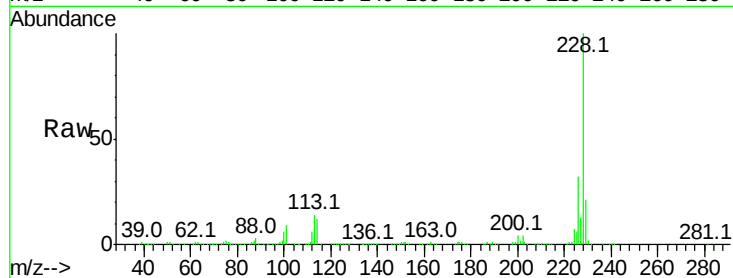
Tot Ion:228 Resp: 798394

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

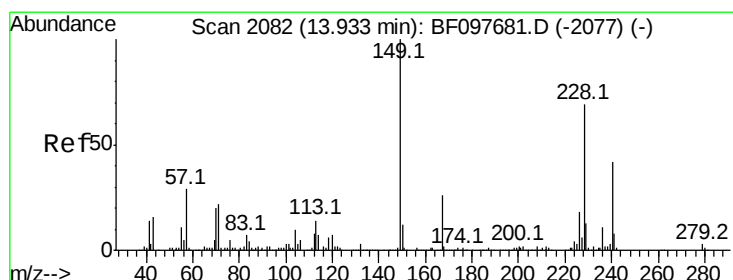
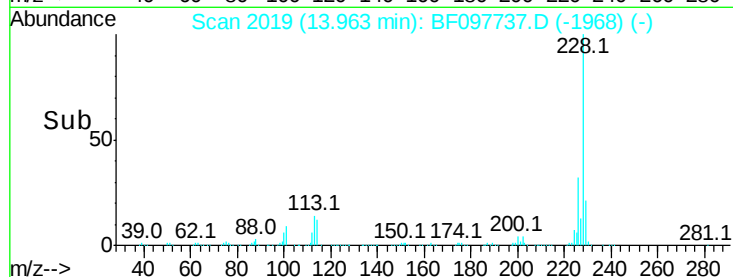
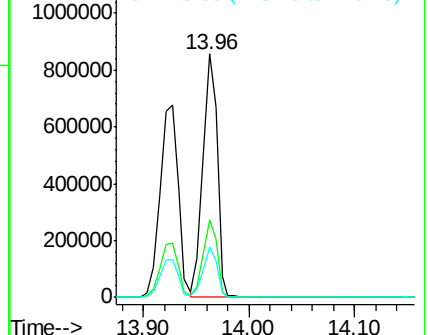
229 20.7 15.8 23.6



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: 55.592 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

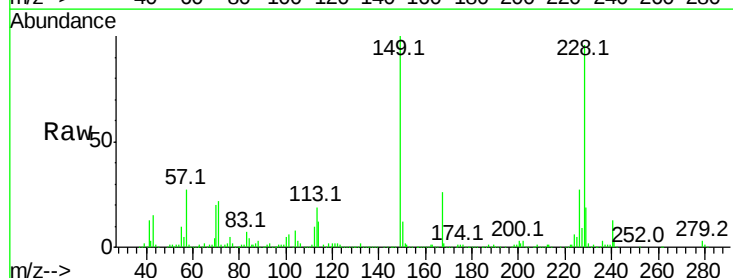
Tgt Ion:149 Resp: 700687

Ion Ratio Lower Upper

149 100

167 25.6 21.0 31.4

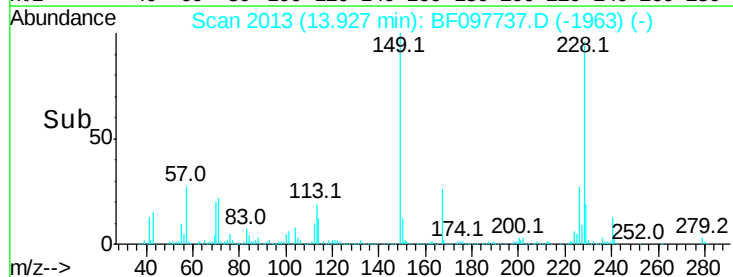
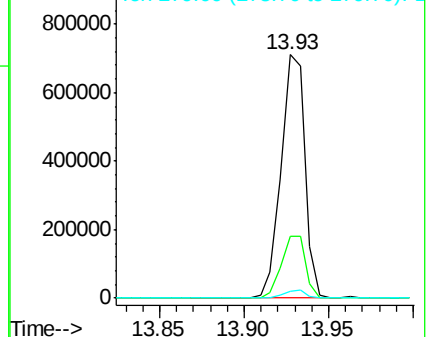
279 3.0 1.9 2.9#

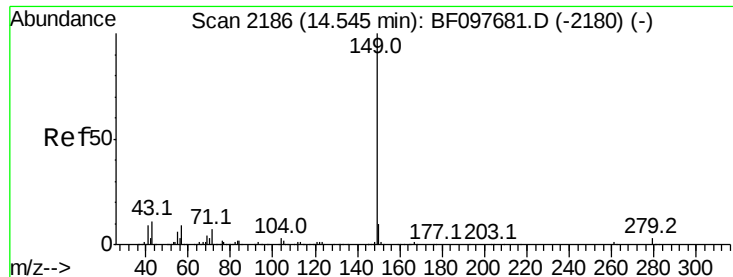


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

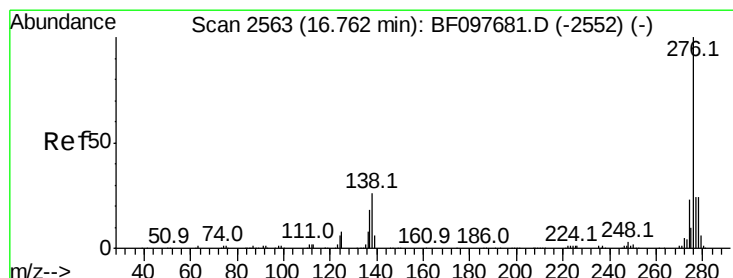
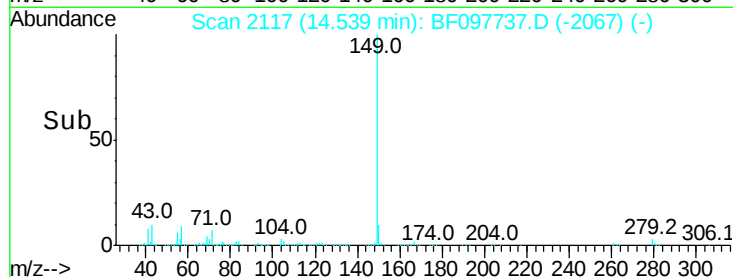
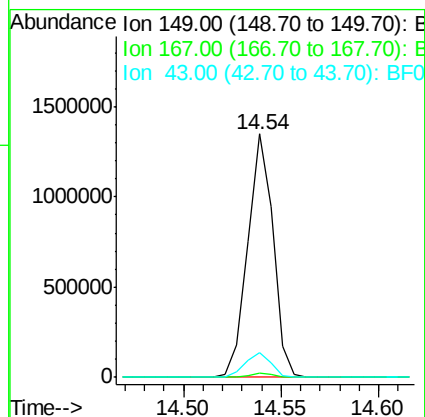
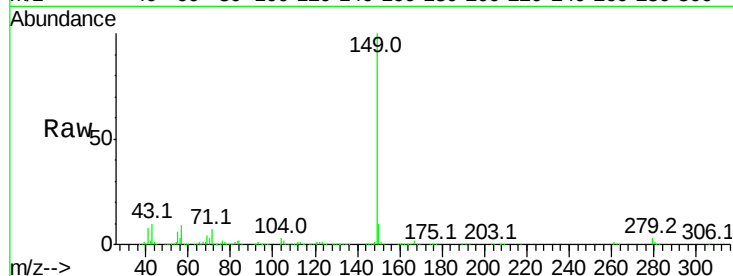




#84
Di-n-octyl phthalate
Concen: 55.450 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

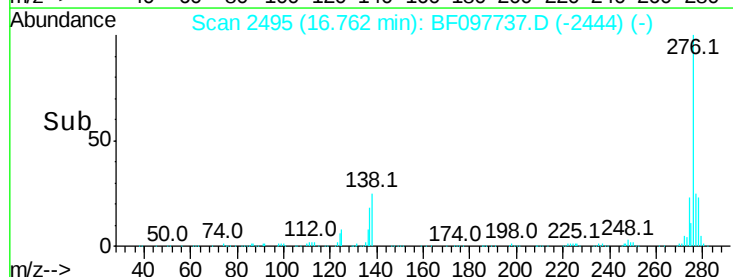
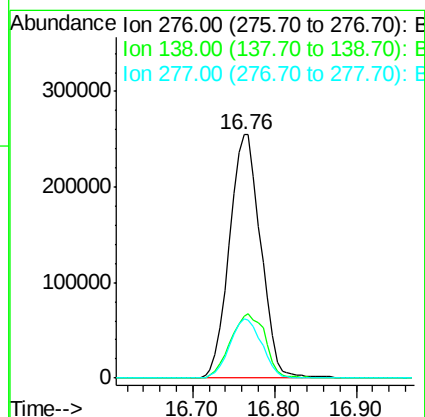
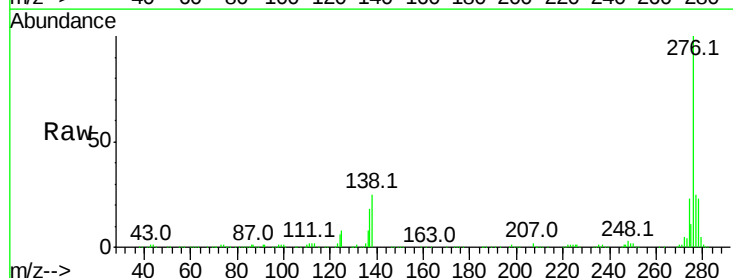
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

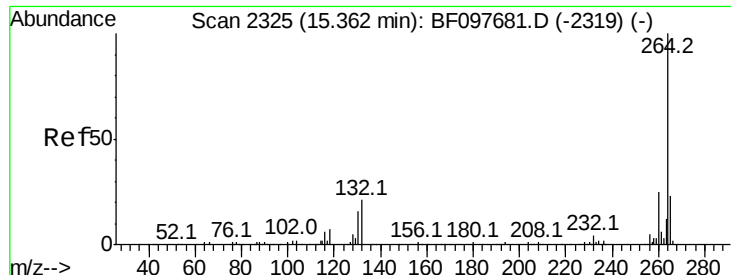
Tot Ion:149 Resp: 1216046
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.0 8.5 12.7



#85
Indeno(1,2,3-cd)pyrene
Concen: 42.788 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:276 Resp: 680714
Ion Ratio Lower Upper
276 100
138 29.4 27.8 41.6
277 25.0 20.2 30.4





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

Instrument :

BNA_F

ClientSampleId :

SU-02-081117MS

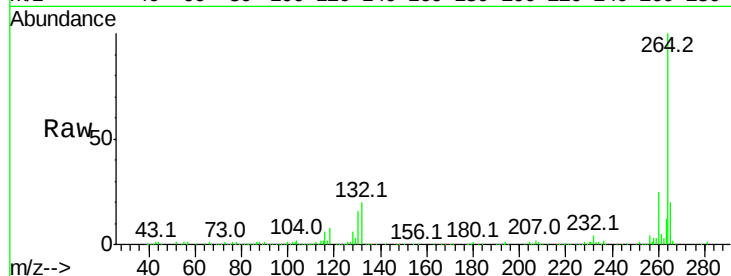
Tot Ion:264 Resp: 276117

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

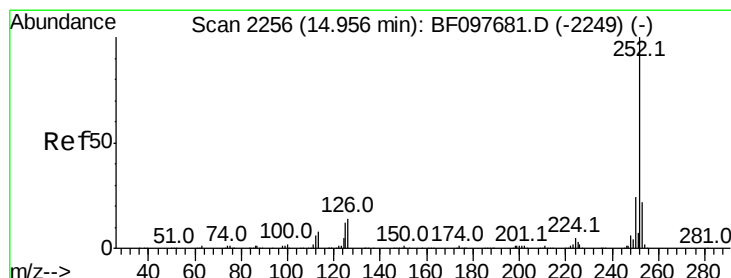
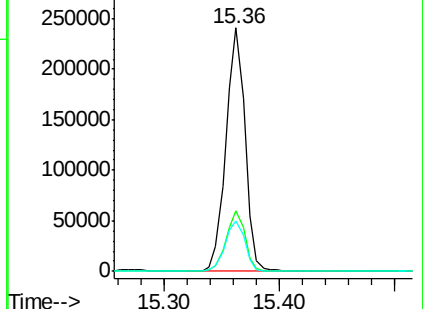
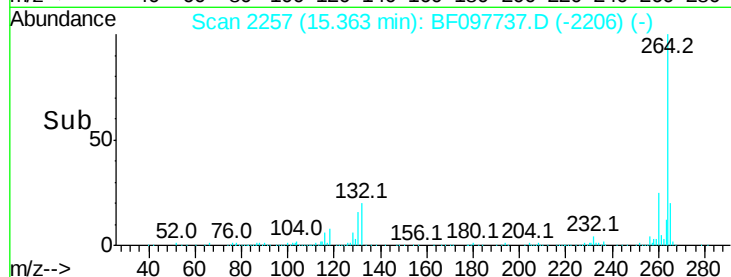
265 20.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 38.253 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097737.D

Acq: 16 Aug 2017 14:26

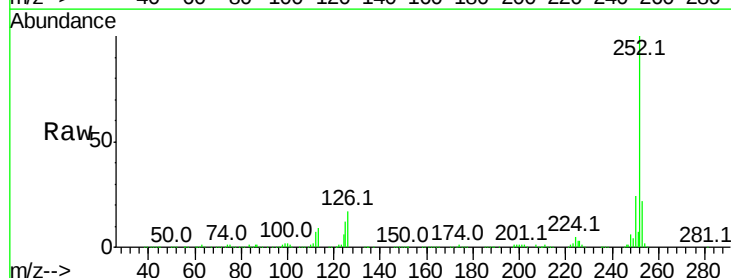
Tgt Ion:252 Resp: 665780

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

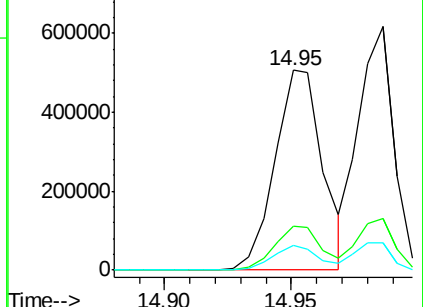
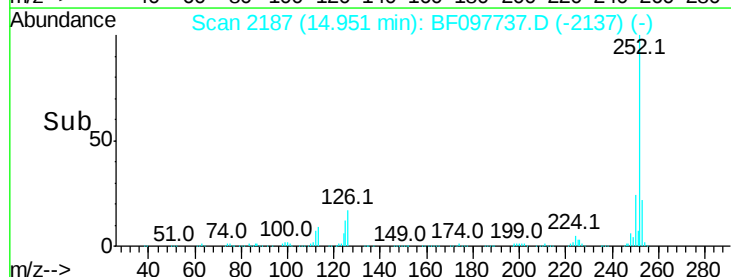
125 12.3 9.8 14.8

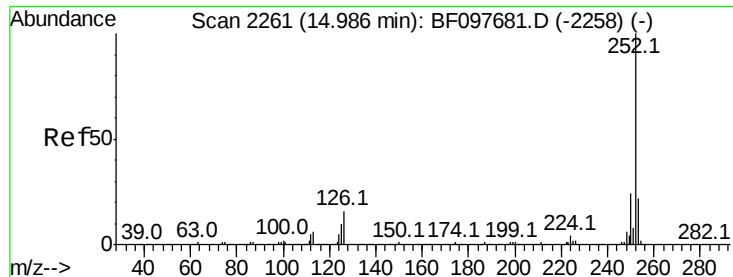


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

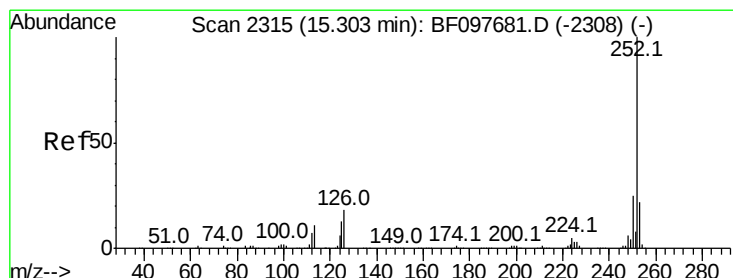
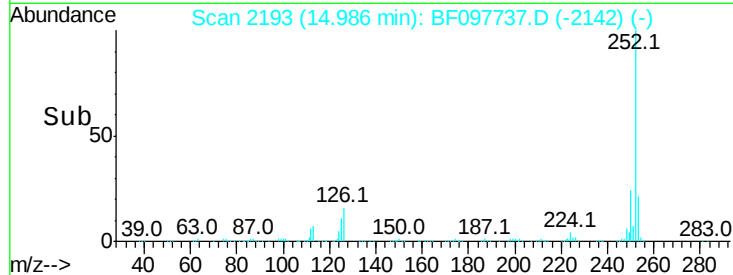
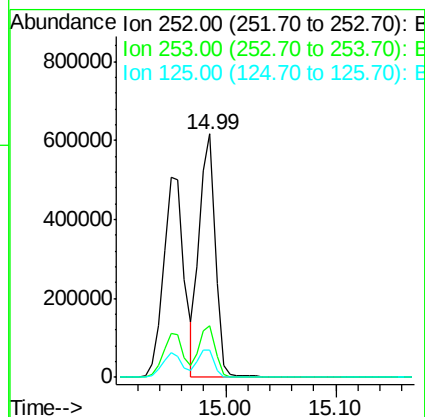
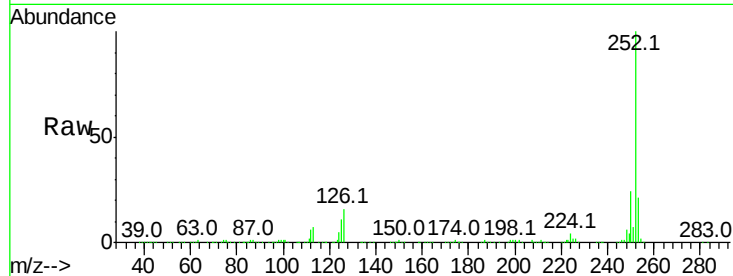




#88
Benzo(k)fluoranthene
Concen: 37.087 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

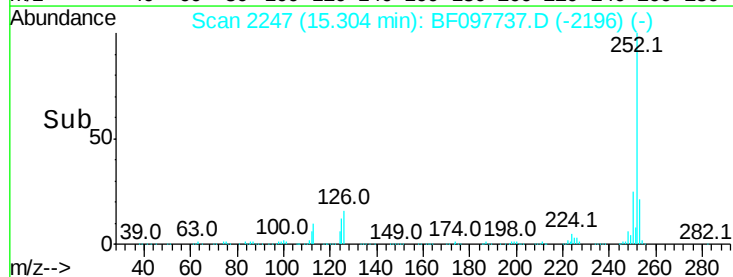
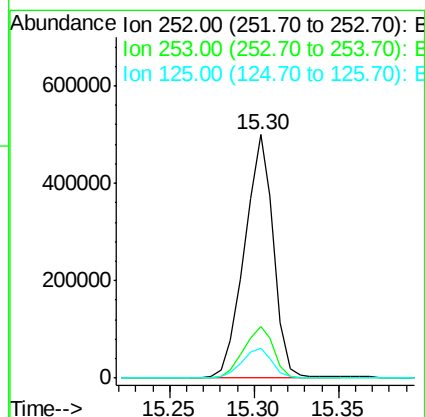
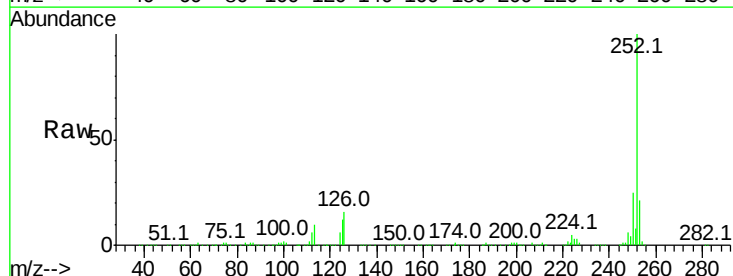
Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

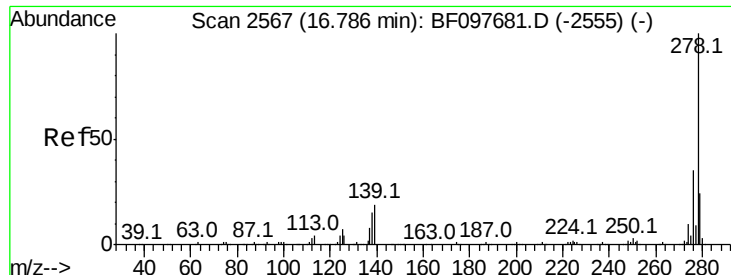
Tot Ion:252 Resp: 606427
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 11.2 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 38.812 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:252 Resp: 598005
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 12.2 11.0 16.4



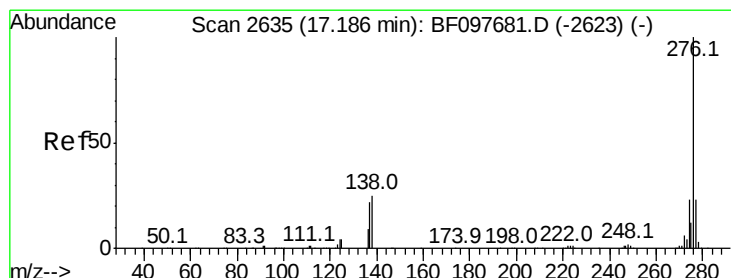
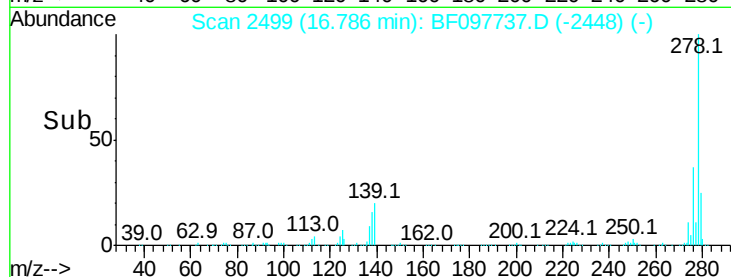
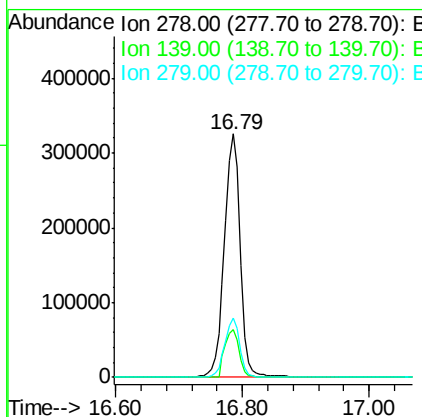
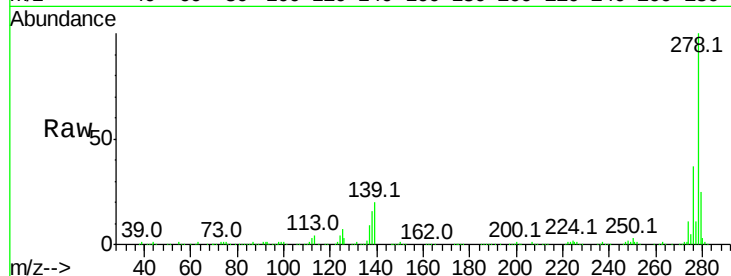


#90
Dibenzo(a,h)anthracene
Concen: 45.230 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Instrument :
BNA_F
ClientSampleId :
SU-02-081117MS

Tot Ion:278 Resp: 567347

Ion	Ratio	Lower	Upper
278	100		
139	19.6	16.6	24.8
279	24.6	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 44.643 ng
RT: 17.19 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BF097737.D
Acq: 16 Aug 2017 14:26

Tgt Ion:276 Resp: 584309

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	24.3	25.4	38.0#

