

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097920.D
 Acq On : 21 Aug 2017 22:10
 Operator : SJ/JU
 Sample : I4820-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Quant Time: Aug 22 04:04:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111395	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	445164	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	187413	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	313265	20.00	ng	0.00
75) Chrysene-d12	13.90	240	225742	20.00	ng	0.00
86) Perylene-d12	15.32	264	173565	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	794609	108.50	ng	0.02
7) Phenol-d6	6.39	99	1093430	109.89	ng	0.00
23) Nitrobenzene-d5	7.32	82	679011	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	168499	103.62	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	942224	73.86	ng	0.00
78) Terphenyl-d14	12.85	244	576574	53.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	168852	41.34	ng	89
3) Pyridine	3.21	79	477543	42.29	ng	87
4) n-Nitrosodimethylamine	3.16	42	189588	43.64	ng	79
6) Aniline	6.42	93	375035	26.83	ng	99
8) 2-Chlorophenol	6.54	128	353654	45.79	ng	98
9) Benzaldehyde	6.30	77	254437	40.37	ng	88
10) Phenol	6.40	94	516331	44.37	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	404728	46.08	ng	96
12) 1,3-Dichlorobenzene	6.69	146	352595	42.44	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	358218	42.40	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	333296	42.78	ng	99
15) Benzyl Alcohol	6.90	79	345748	46.41	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	508713	43.05	ng	90
17) 2-Methylphenol	7.01	107	319916	47.00	ng	95
18) Hexachloroethane	7.26	117	128799	38.88	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	281782	41.37	ng	# 88
20) 3+4-Methylphenols	7.17	107	375110	45.12	ng	96
22) Acetophenone	7.16	105	503604	42.82	ng	# 91
24) Nitrobenzene	7.33	77	448332	49.14	ng	91
25) Isophorone	7.58	82	790769	46.41	ng	97
26) 2-Nitrophenol	7.65	139	156977	47.54	ng	# 77
27) 2,4-Dimethylphenol	7.69	122	322231	45.34	ng	93
28) bis(2-Chloroethoxy)methane	7.79	93	494421	44.14	ng	98
29) 2,4-Dichlorophenol	7.90	162	268789	45.57	ng	96
30) 1,2,4-Trichlorobenzene	7.97	180	278742	42.63	ng	97
31) Naphthalene	8.06	128	1029685	44.55	ng	99
32) Benzoic acid	7.83	122	223506	43.81	ng	90
33) 4-Chloroaniline	8.10	127	185481	19.03	ng	97
34) Hexachlorobutadiene	8.17	225	156884	41.09	ng	96
35) Caprolactam	8.48	113	91091	45.42	ng	99
36) 4-Chloro-3-methylphenol	8.59	107	328451	43.34	ng	# 78
37) 2-Methylnaphthalene	8.75	142	650275	45.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	256196	44.54	ng	98
40) Hexachlorocyclopentadiene	8.90	237	92739	33.56	ng	99

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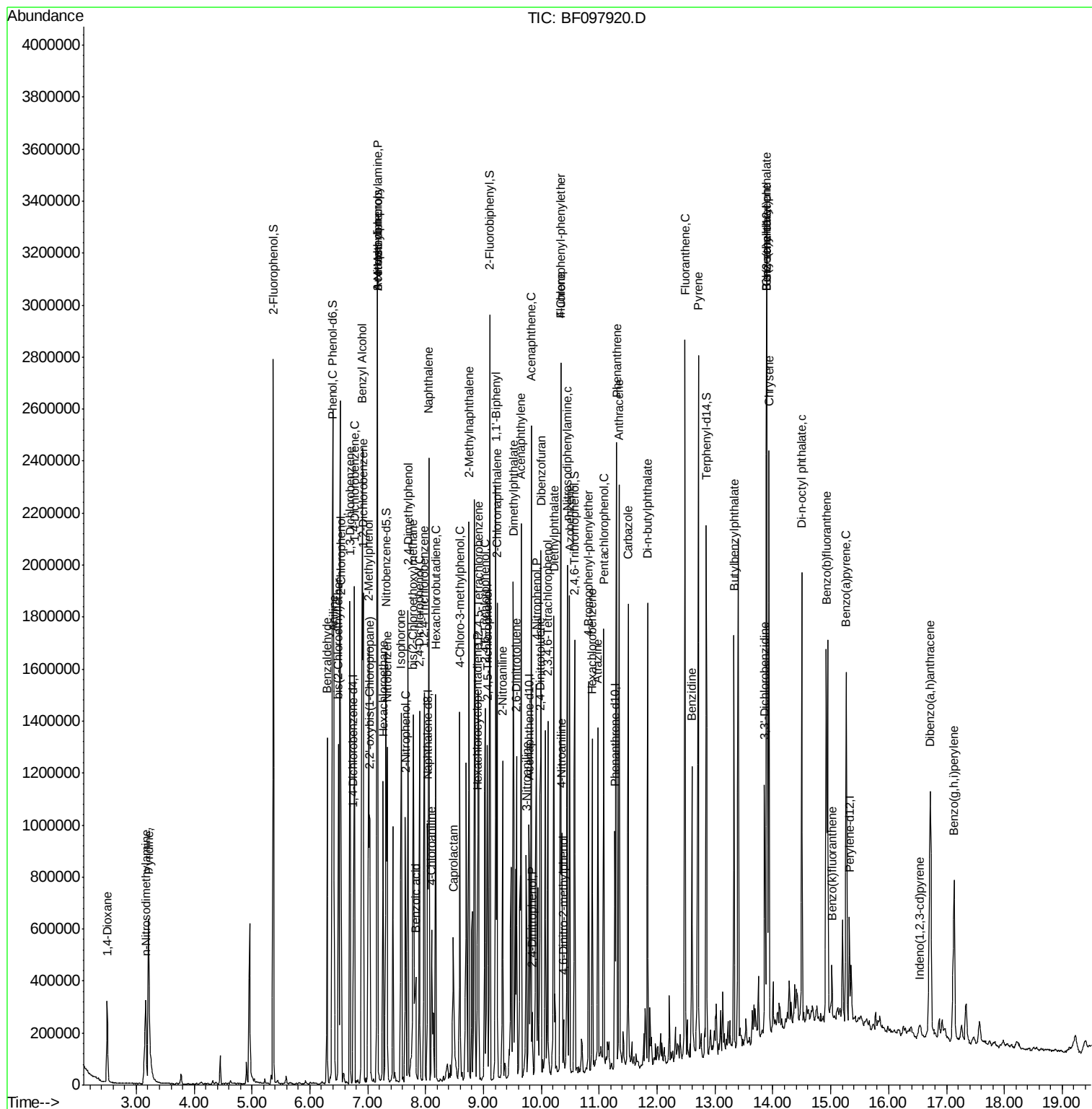
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	177672	46.01	nq	100
43) 2,4,5-Trichlorophenol	9.07	196	181834	47.47	nq	97
45) 1,1'-Biphenyl	9.21	154	724286	42.38	nq	96
46) 2-Chloronaphthalene	9.23	162	525738	41.63	nq	# 91
47) 2-Nitroaniline	9.33	65	227606	53.77	nq	95
48) Acenaphthylene	9.65	152	874676	44.11	nq	99
49) Dimethylphthalate	9.52	163	763991	55.77	nq	99
50) 2,6-Dinitrotoluene	9.57	165	124252	45.44	nq	# 53
51) Acenaphthene	9.82	154	531199	42.47	nq	99
52) 3-Nitroaniline	9.74	138	115184	32.65	nq	82
53) 2,4-Dinitrophenol	9.85	184	24327	26.47	nq	# 79
54) Dibenzofuran	9.99	168	759375	45.30	nq	98
55) 4-Nitrophenol	9.91	139	223106	79.27	nq	# 39
56) 2,4-Dinitrotoluene	9.98	165	158010	46.04	nq	# 63
57) Fluorene	10.33	166	551093	42.53	nq	95
58) 2,3,4,6-Tetrachlorophenol	10.11	232	140313	47.31	nq	94
59) Diethylphthalate	10.22	149	656825	45.85	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	251764	41.82	nq	89
61) 4-Nitroaniline	10.35	138	141345	42.15	nq	# 68
62) Azobenzene	10.49	77	740976	43.54	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	18164	18.49	nq	92
65) n-Nitrosodiphenylamine	10.44	169	494975	46.40	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	152920	47.01	nq	98
67) Hexachlorobenzene	10.88	284	139694	42.13	nq	# 83
68) Atrazine	10.98	200	136915	48.40	nq	98
69) Pentachlorophenol	11.07	266	157789	81.62	nq	97
70) Phenanthrene	11.30	178	924932	55.41	nq	100
71) Anthracene	11.34	178	819255	48.39	nq	100
72) Carbazole	11.50	167	708565	44.09	nq	98
73) Di-n-butylphthalate	11.84	149	914441	49.40	nq	99
74) Fluoranthene	12.48	202	1149200	65.96	nq	99
76) Benzidine	12.60	184	405518	54.79	nq	# 92
77) Pyrene	12.71	202	1173921	63.58	nq	99
79) Butylbenzylphthalate	13.33	149	361130	51.02	nq	# 78
80) Benzo(a)anthracene	13.90	228	788213	58.26	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	197154	43.18	nq	# 97
82) Chrysene	13.93	228	793642	58.97	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	415311	52.95	nq	# 99
84) Di-n-octyl phthalate	14.50	149	807218	59.14	nq	99
85) Indeno(1,2,3-cd)pyrene	16.55	276	32671	3.30	nq	92
87) Benzo(b)fluoranthene	14.92	252	870026	79.52	nq	99
88) Benzo(k)fluoranthene	15.02	252	76809	7.47	nq	95
89) Benzo(a)pyrene	15.27	252	683756	70.60	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	355873	45.13	nq	99
91) Benzo(g,h,i)perylene	17.13	276	508400	61.79	nq	# 93

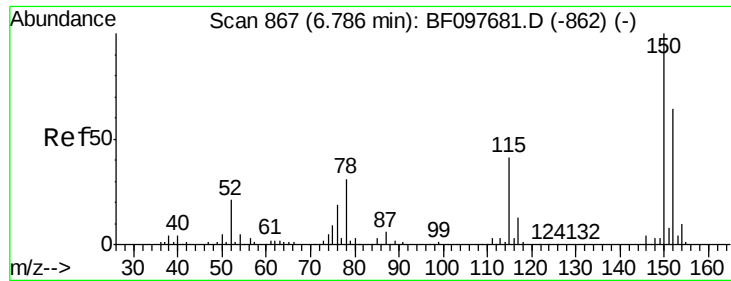
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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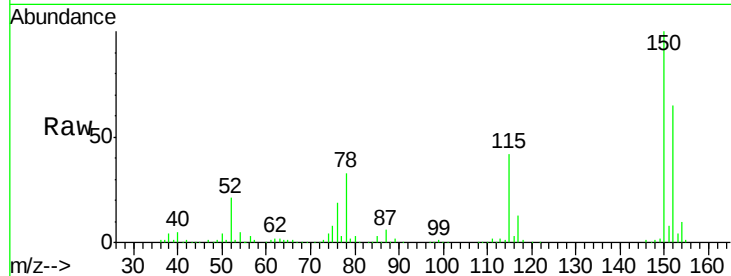


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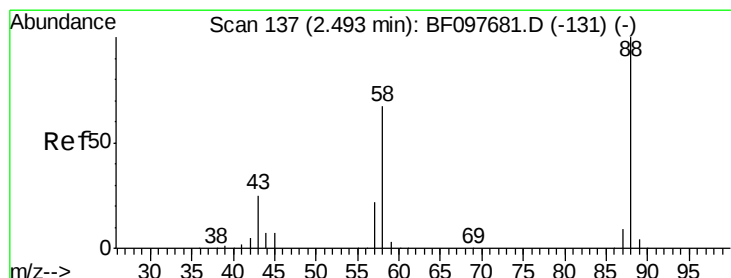
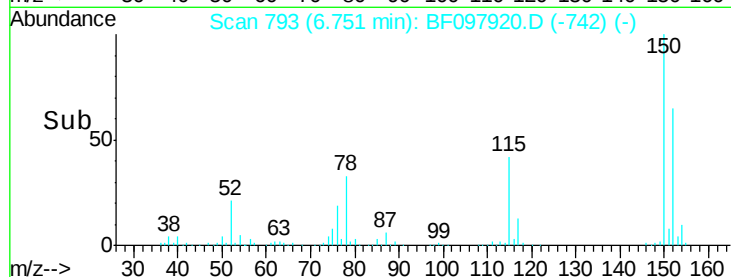
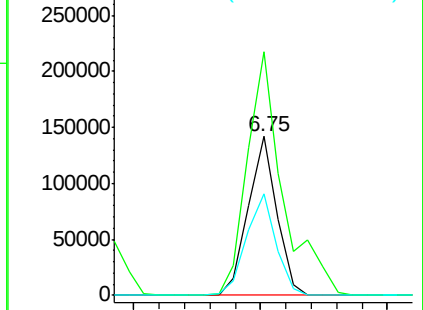
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion:152 Resp: 111395
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 64.1 52.2 78.2



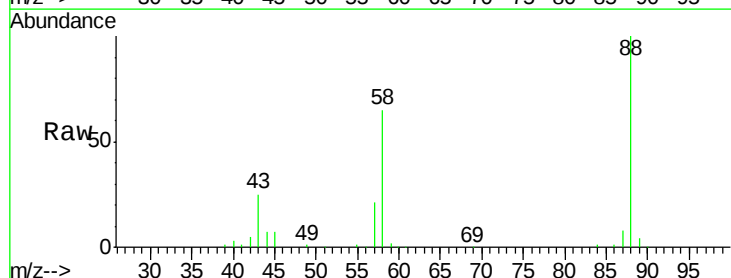
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



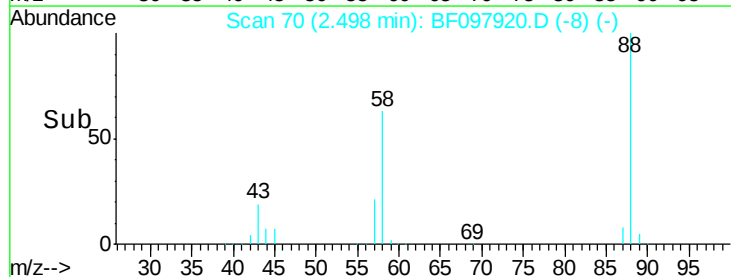
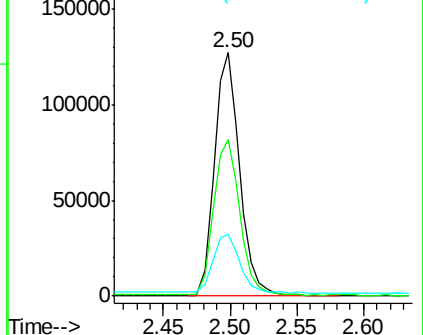
#2

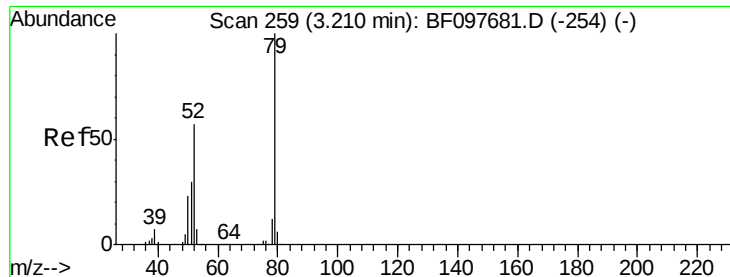
1,4-Dioxane
Concen: 41.34 ng
RT: 2.50 min Scan# 70
Delta R.T. 0.06 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion: 88 Resp: 168852
Ion Ratio Lower Upper
88 100
58 66.0 61.4 92.0
43 26.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

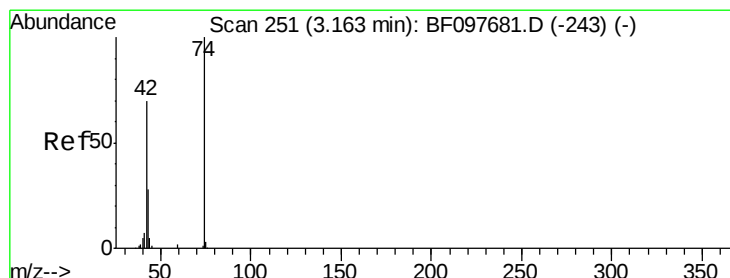
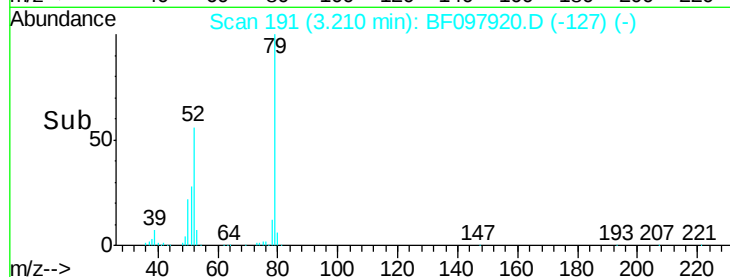
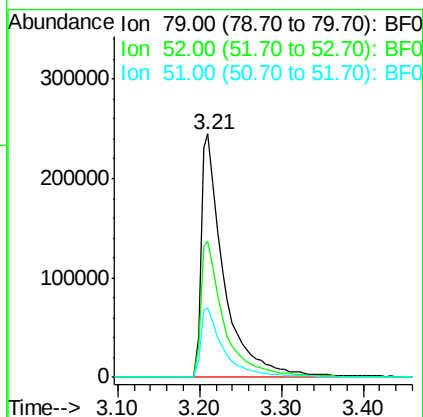
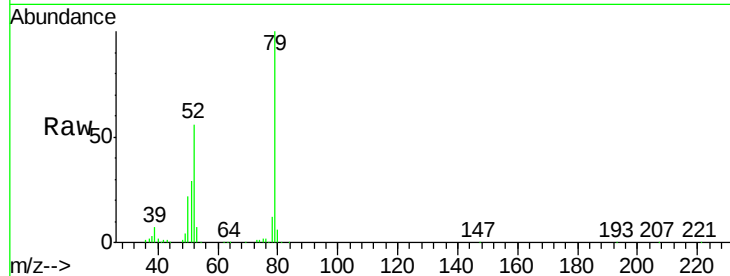




#3
 Pvridine
 Concen: 42.29 ng
 RT: 3.21 min Scan# 191
 Delta R.T. 0.08 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

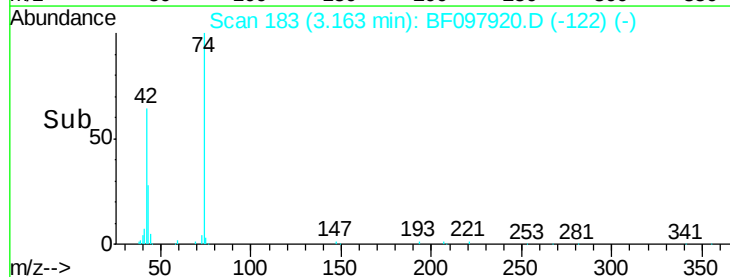
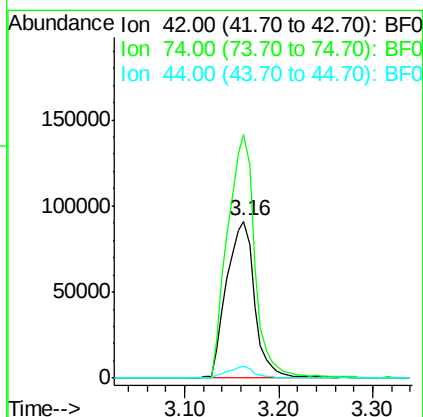
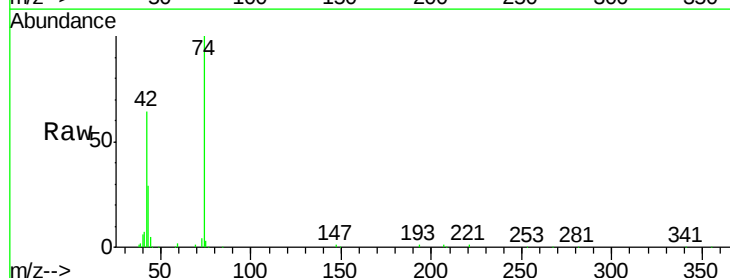
Instrument :
 BNA_F
 ClientSampleId :
 E2-I10-ESWMSD

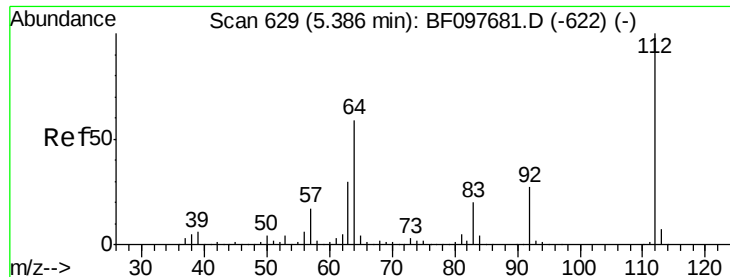
Tot Ion: 79 Resp: 477543
 Ion Ratio Lower Upper
 79 100
 52 56.1 54.8 82.2
 51 28.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 43.64 ng
 RT: 3.16 min Scan# 183
 Delta R.T. 0.06 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion: 42 Resp: 189588
 Ion Ratio Lower Upper
 42 100
 74 155.5 103.9 155.9
 44 7.6 5.7 8.5





#5

2-Fluorophenol

Concen: 108.50 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

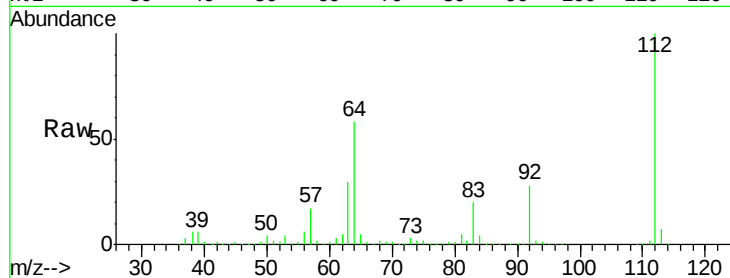
Tot Ion: 112 Resp: 794609

Ion Ratio Lower Upper

112 100

64 58.2 46.0 69.0

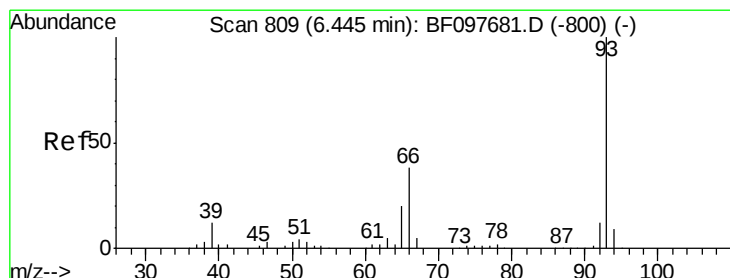
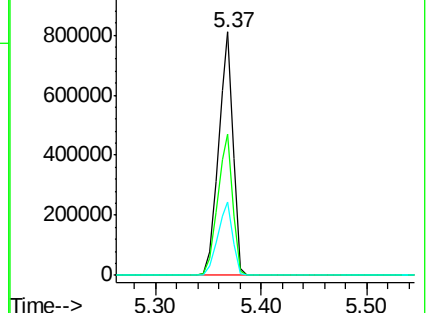
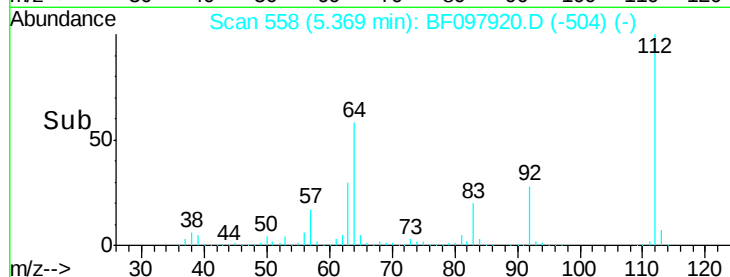
63 30.1 23.4 35.0



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: 26.83 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

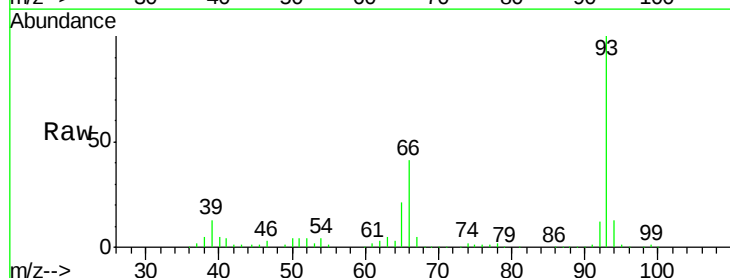
Tgt Ion: 93 Resp: 375035

Ion Ratio Lower Upper

93 100

66 40.7 32.9 49.3

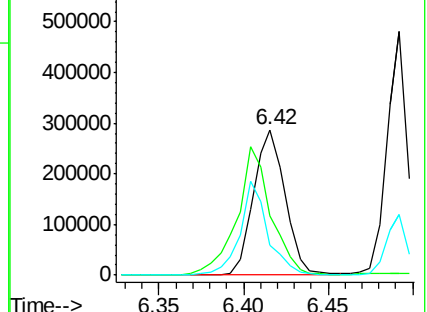
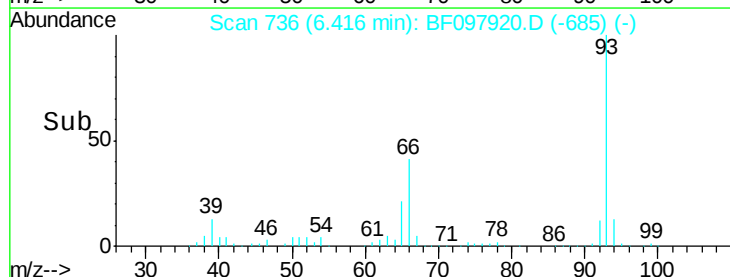
65 21.0 16.0 24.0

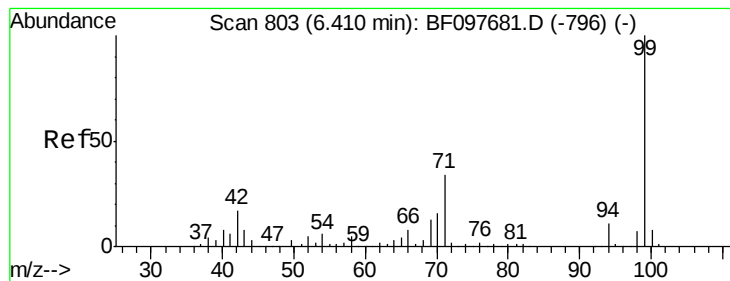


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 109.89 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

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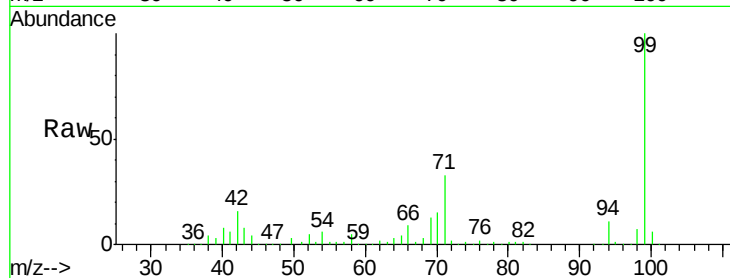
Tot Ion: 99 Resp: 1093430

Ion Ratio Lower Upper

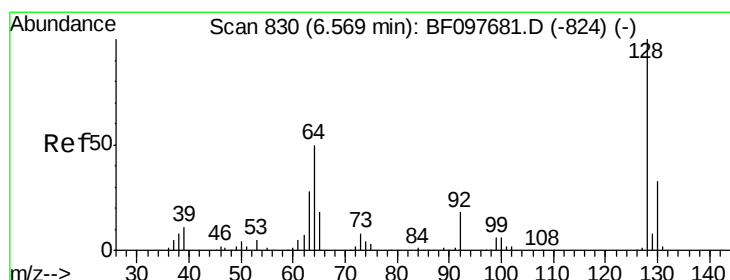
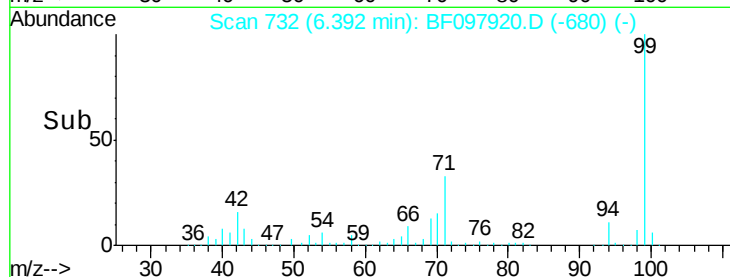
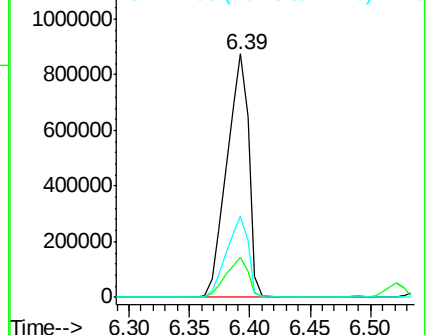
99 100

42 16.3 13.5 20.3

71 33.4 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: 45.79 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

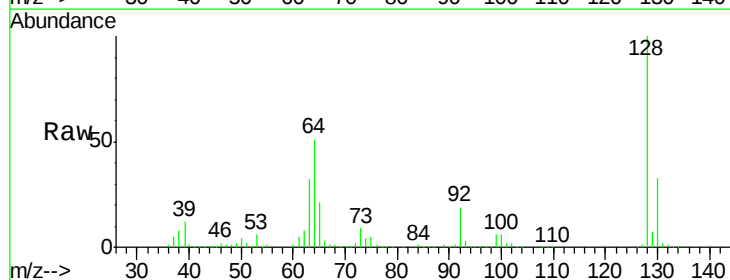
Tgt Ion:128 Resp: 353654

Ion Ratio Lower Upper

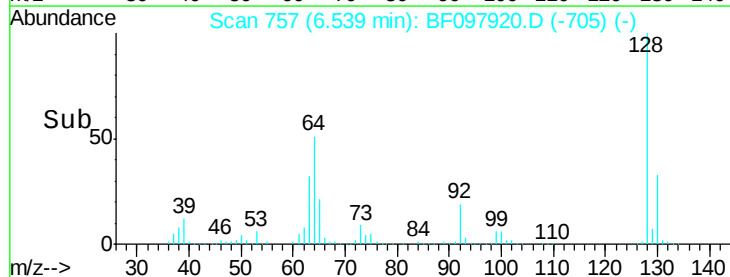
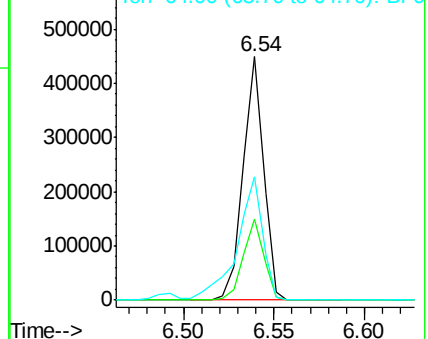
128 100

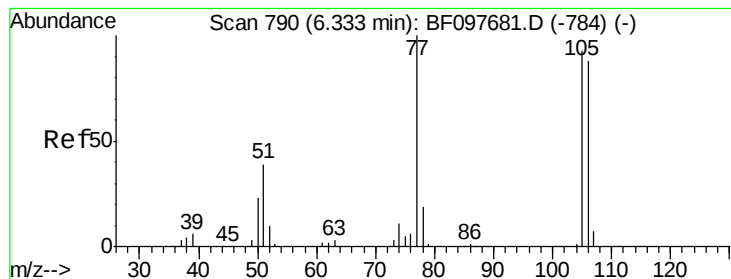
130 33.4 12.9 52.9

64 50.7 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: 40.37 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

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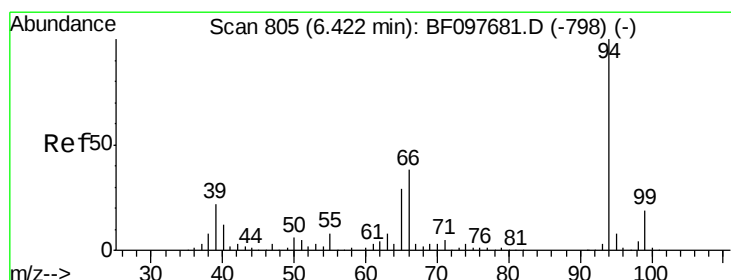
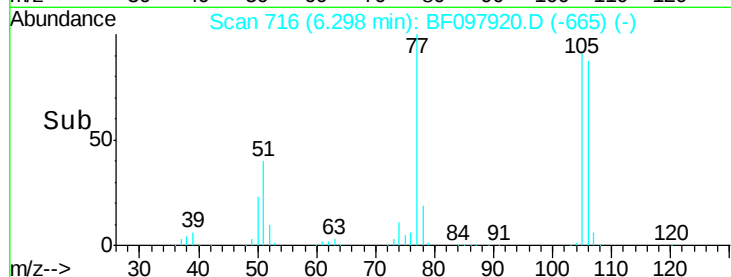
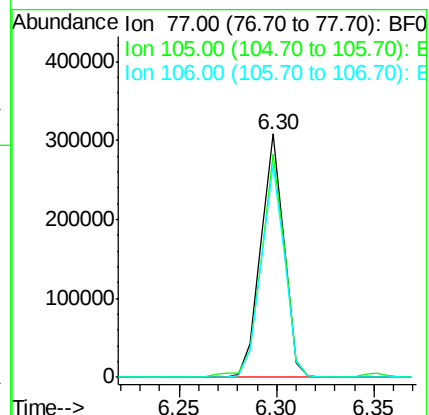
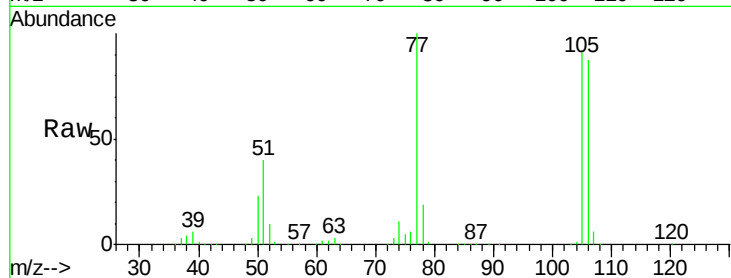
Tot Ion: 77 Resp: 254437

Ion Ratio Lower Upper

77 100

105 91.4 83.8 123.8

106 87.4 79.1 119.1



#10

Phenol

Concen: 44.37 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

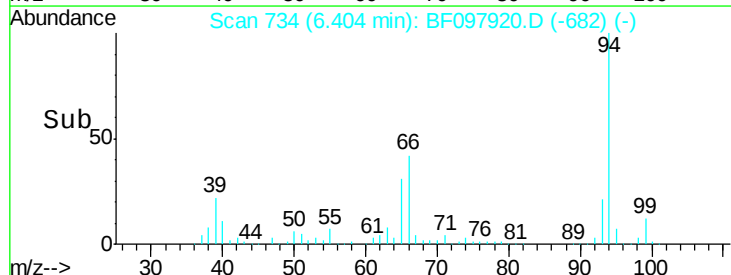
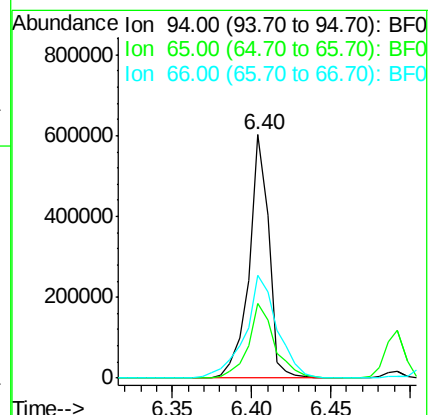
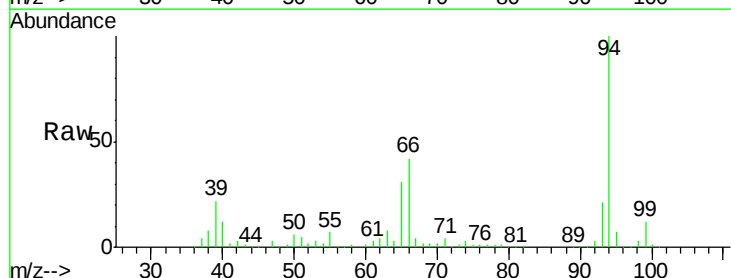
Tgt Ion: 94 Resp: 516331

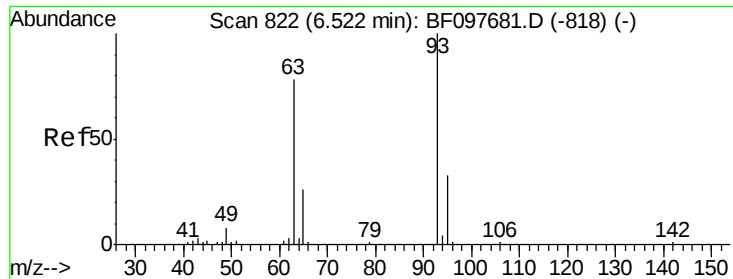
Ion Ratio Lower Upper

94 100

65 30.6 9.9 49.9

66 42.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 46.08 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

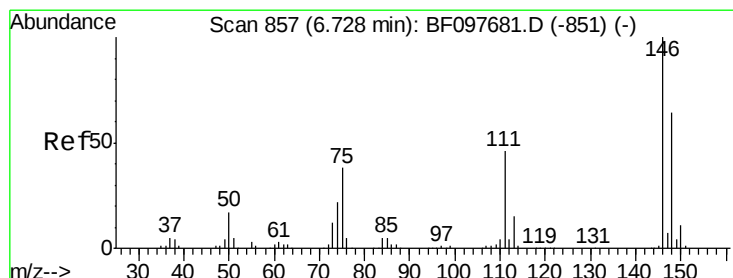
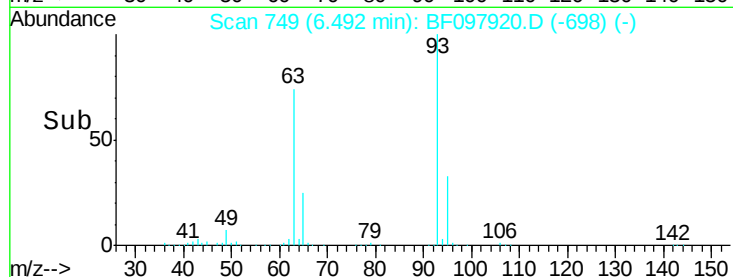
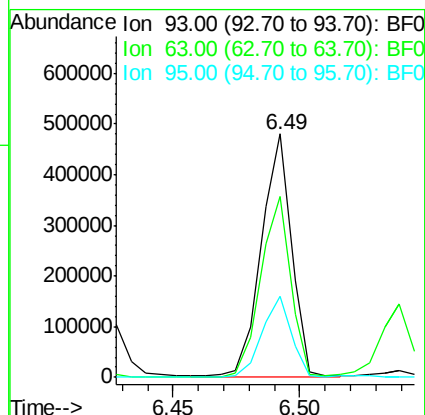
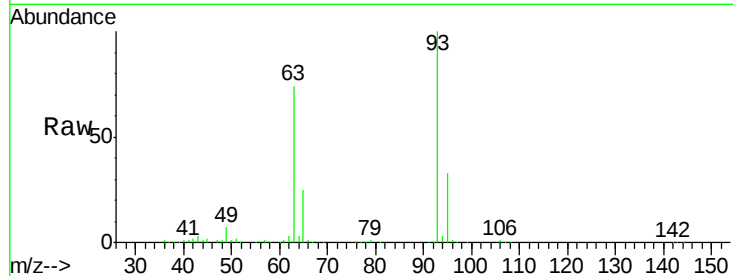
Tot Ion: 93 Resp: 404728

Ion Ratio Lower Upper

93 100

63 74.2 59.2 99.2

95 33.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 42.44 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

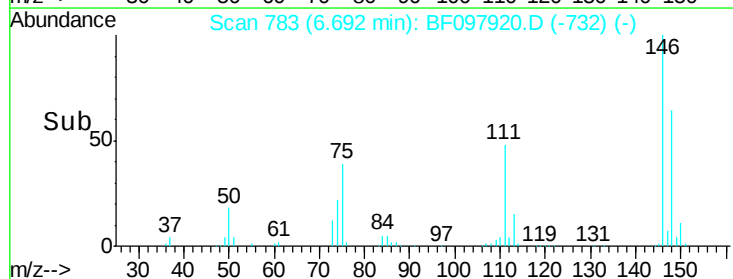
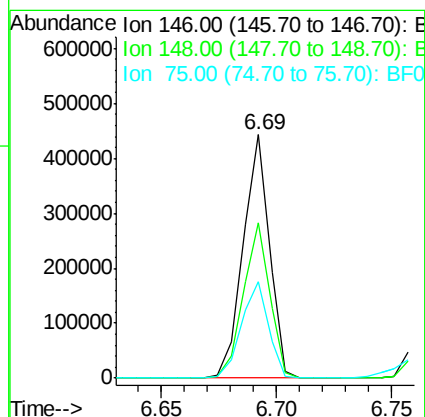
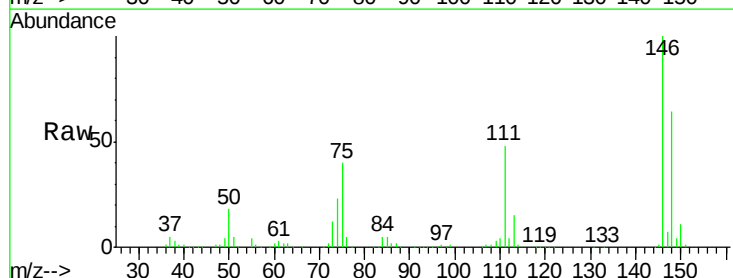
Tgt Ion: 146 Resp: 352595

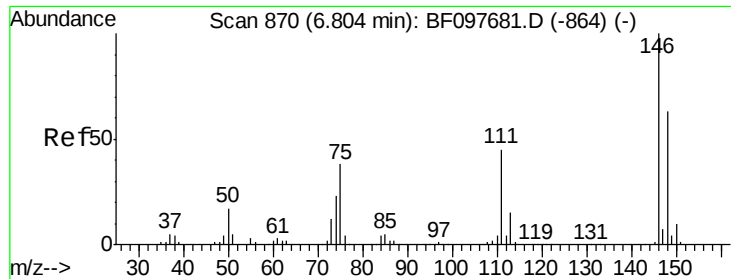
Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

75 39.5 23.1 34.7#

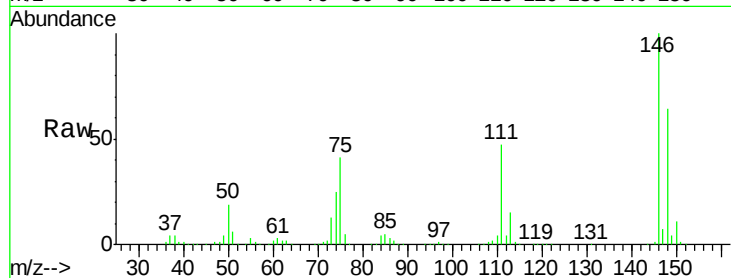




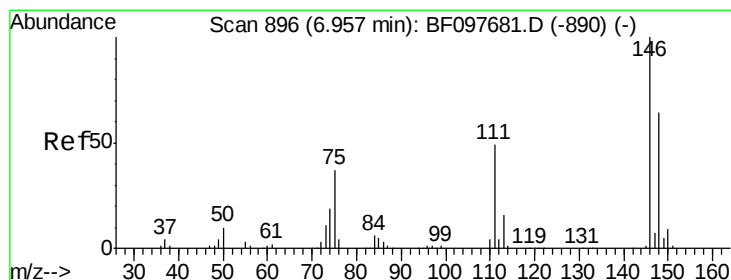
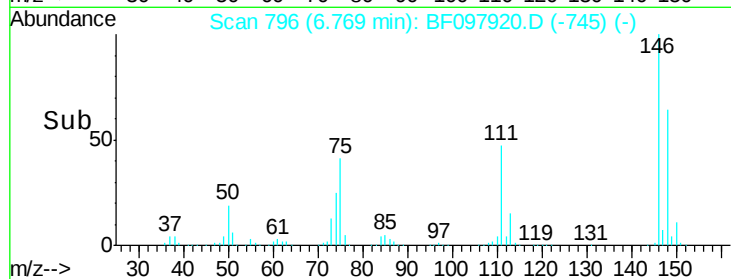
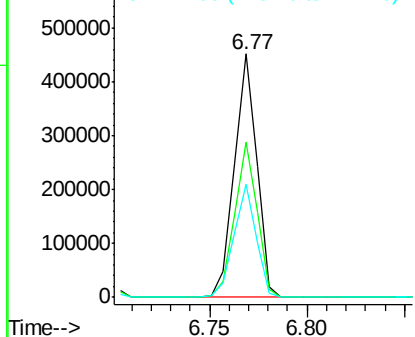
#13
 1,4-Dichlorobenzene
 Concen: 42.40 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion:146 Resp: 358218
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.2
 111 46.7 30.3 45.5#

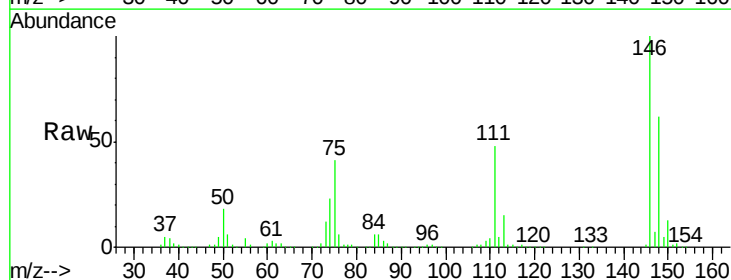


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

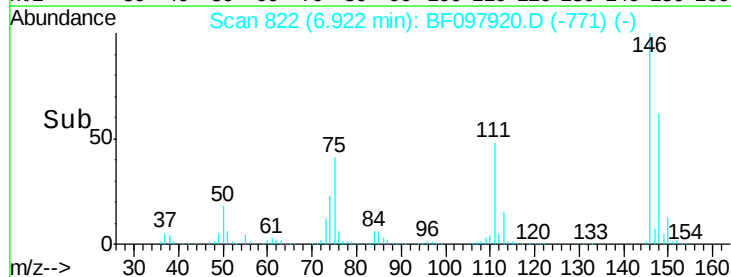
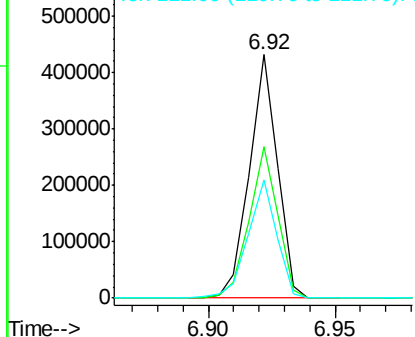


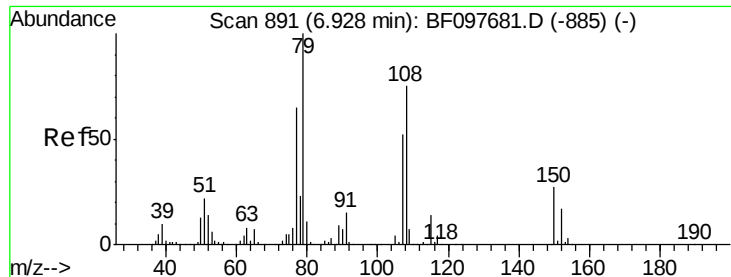
#14
 1,2-Dichlorobenzene
 Concen: 42.78 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:146 Resp: 333296
 Ion Ratio Lower Upper
 146 100
 148 62.3 50.4 75.6
 111 48.3 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 46.41 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

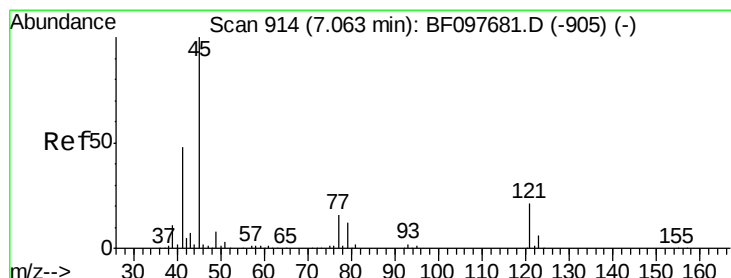
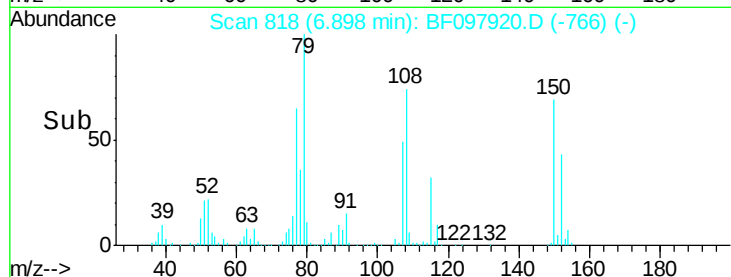
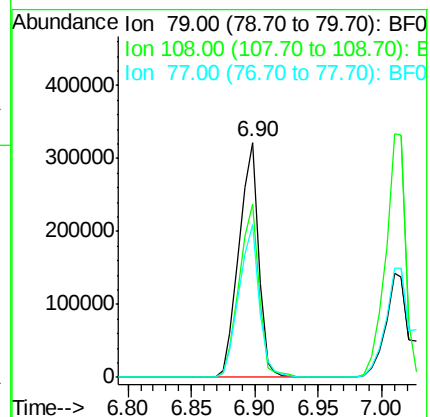
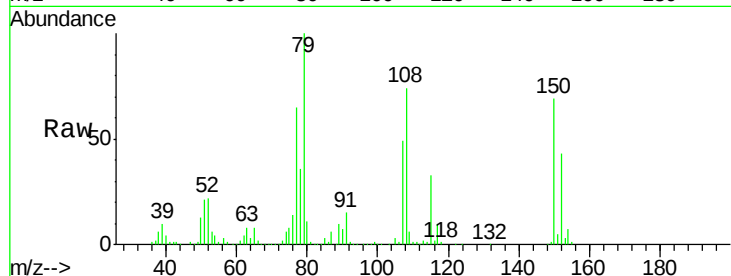
Tot Ion: 79 Resp: 345748

Ion Ratio Lower Upper

79 100

108 73.6 63.4 95.0

77 64.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.05 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

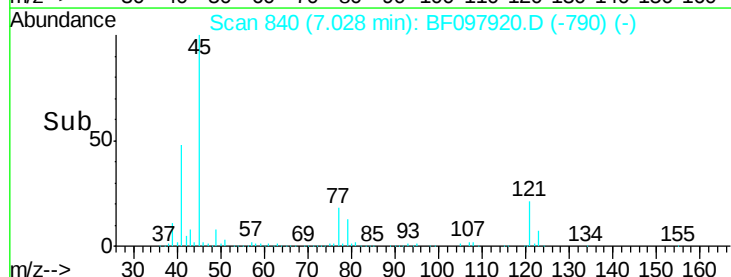
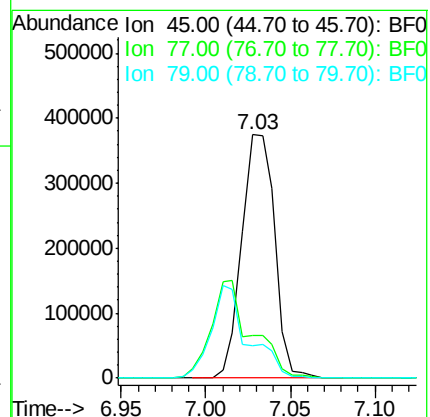
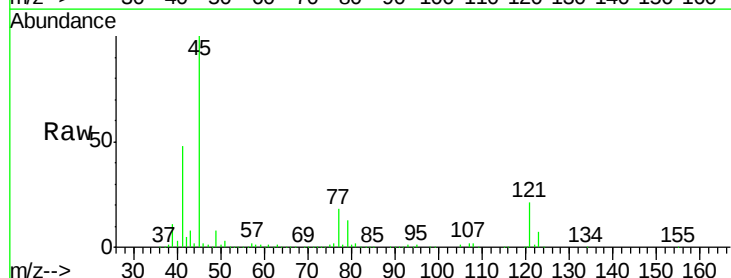
Tgt Ion: 45 Resp: 508713

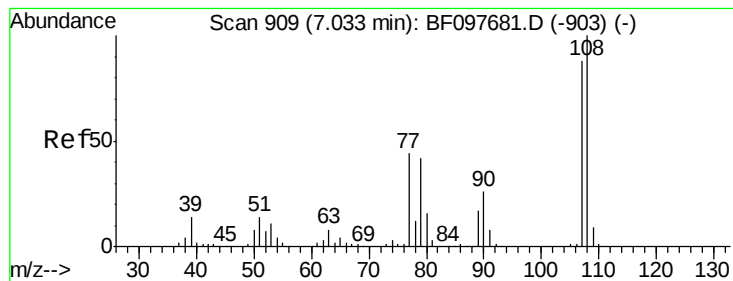
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.2

79 13.3 0.0 30.0





#17

2-Methylphenol

Concen: 47.00 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

Tot Ion:107 Resp: 319916

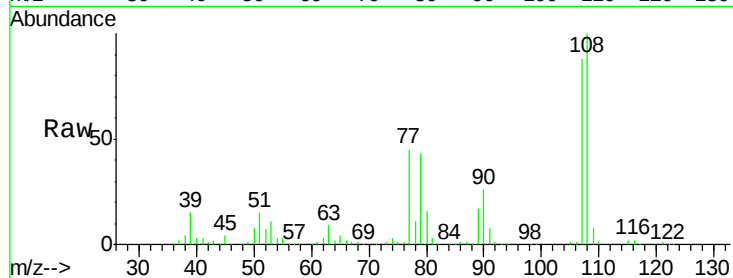
Ion Ratio Lower Upper

107 100

108 113.7 93.4 140.0

77 50.7 35.8 53.6

79 48.4 34.8 52.2

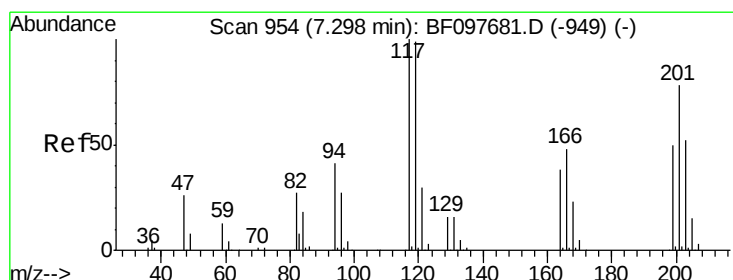
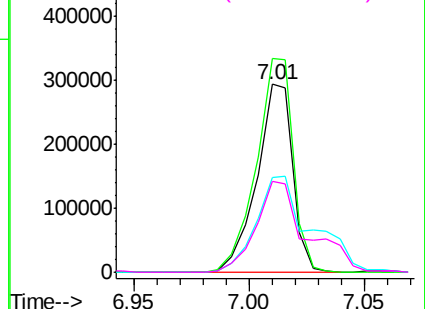
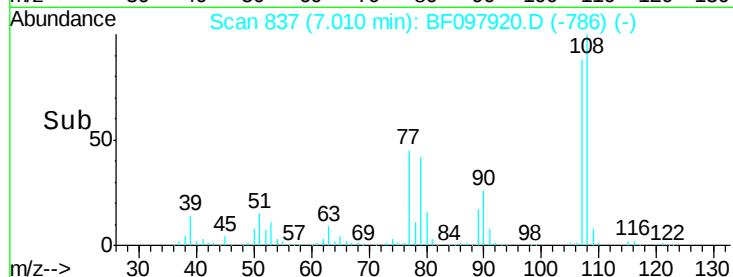


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.88 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

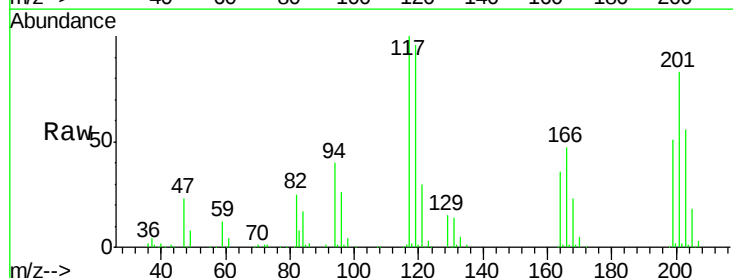
Tgt Ion:117 Resp: 128799

Ion Ratio Lower Upper

117 100

119 96.1 77.4 116.0

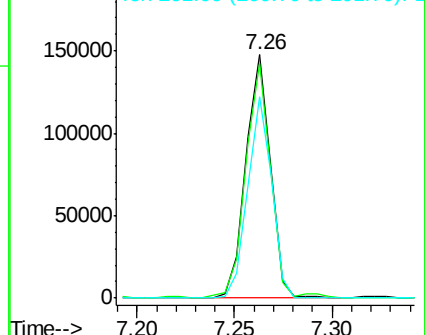
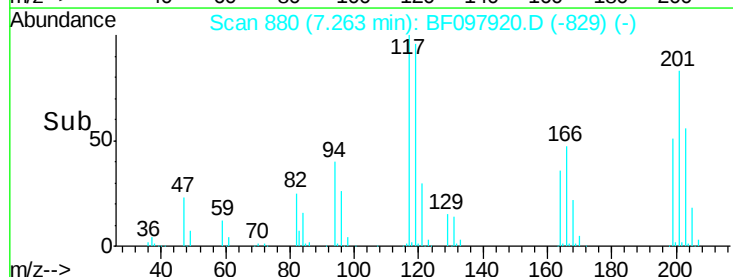
201 82.7 94.6 141.8#

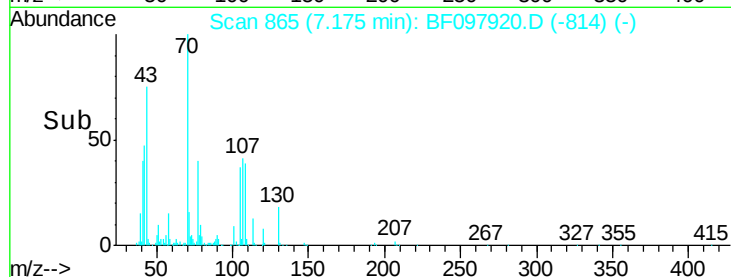
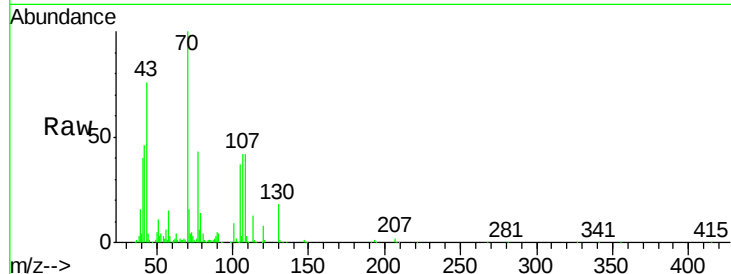
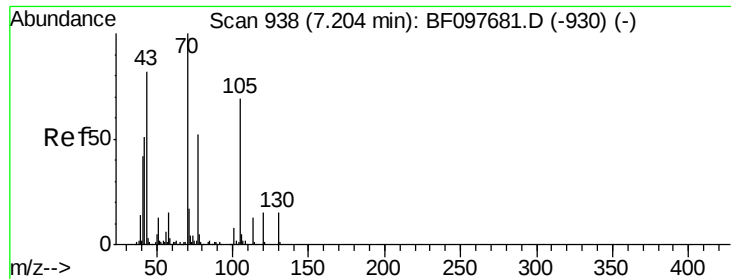


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

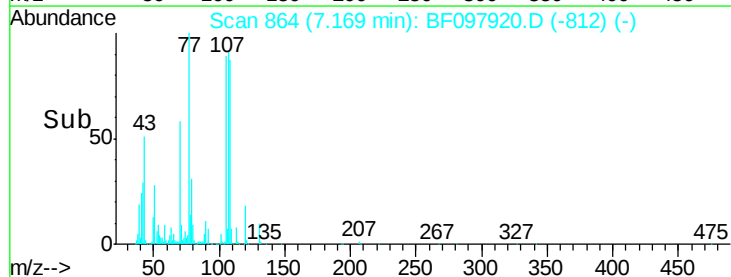
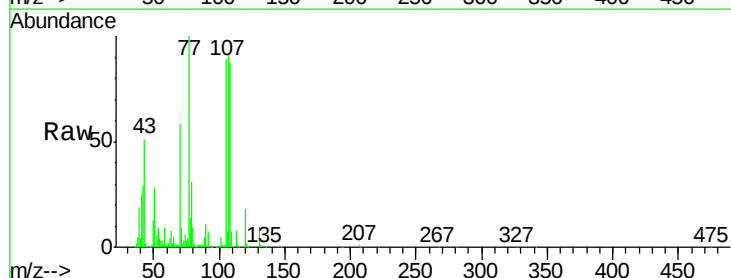
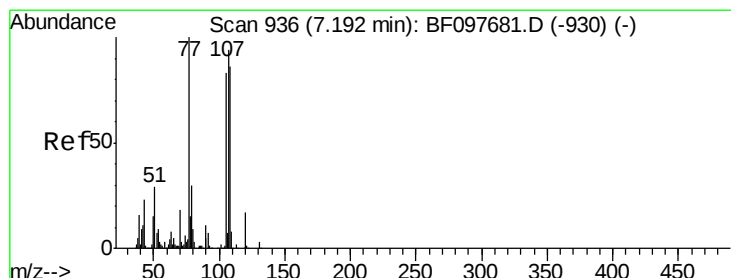
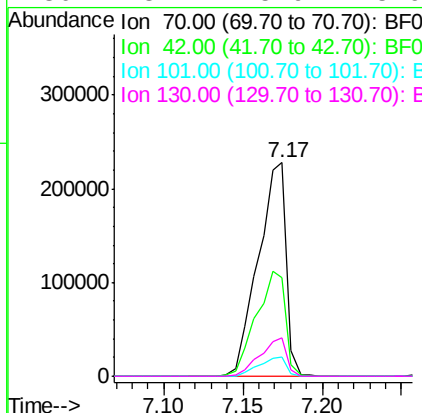




#19
n-Nitroso-di-n-propylamine
Concen: 41.37 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

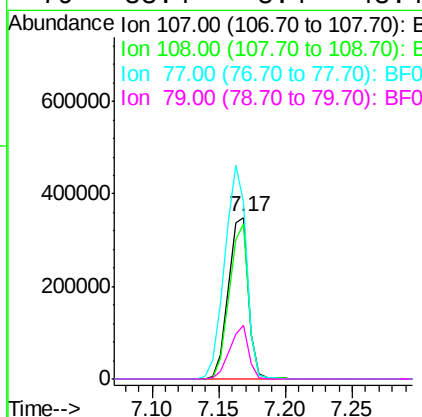
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

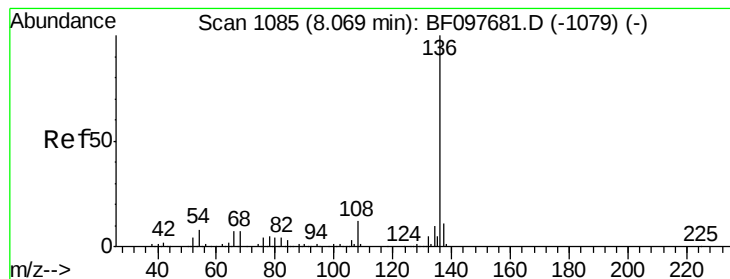
Tot Ion: 70 Resp: 281782
Ion Ratio Lower Upper
70 100
42 46.4 47.2 70.8#
101 9.3 7.2 10.8
130 18.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 45.12 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion: 107 Resp: 375110
Ion Ratio Lower Upper
107 100
108 95.7 71.0 111.0
77 109.4 90.5 130.5
79 33.4 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

Tot Ion:136 Resp: 445164

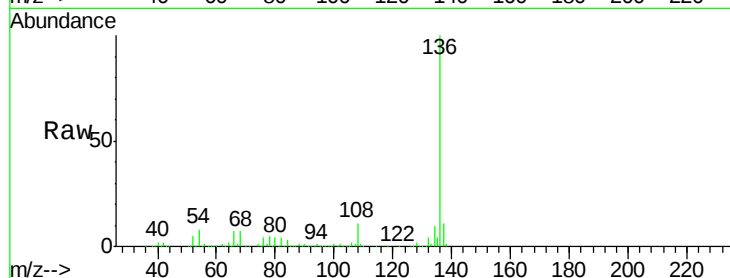
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.7 4.9 7.3#

68 7.3 4.1 6.1#

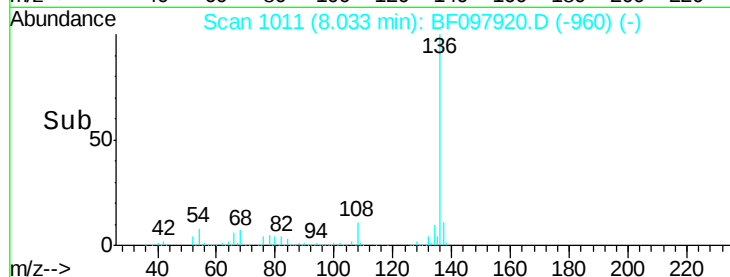


Abundance Ion 136.00 (135.70 to 136.70): E

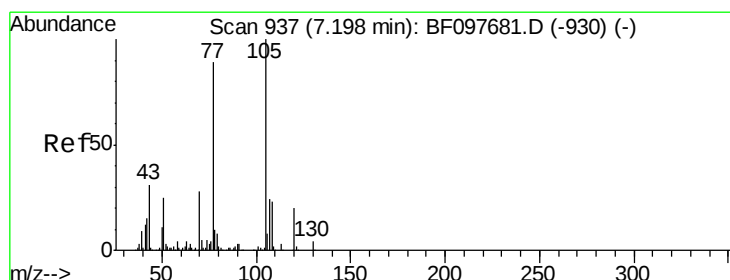
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 42.82 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:105 Resp: 503604

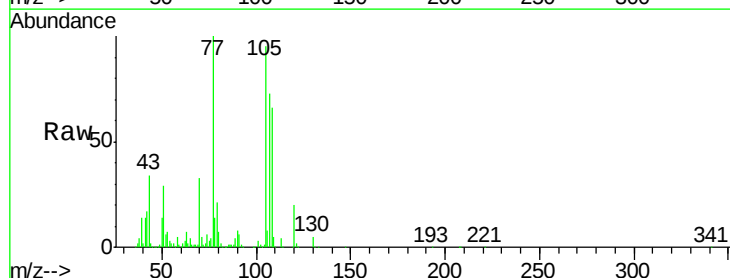
Ion Ratio Lower Upper

105 100

71 5.8 2.8 4.2#

51 30.3 30.7 46.1#

120 21.1 17.4 26.0

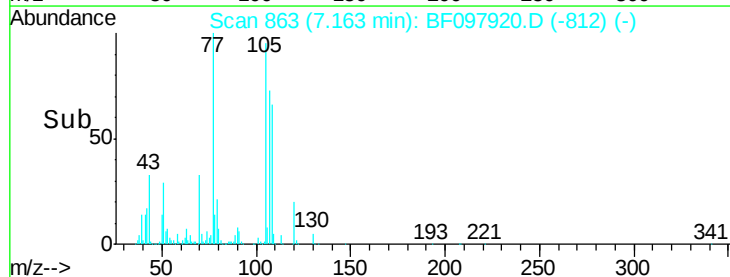


Abundance Ion 105.00 (104.70 to 105.70): E

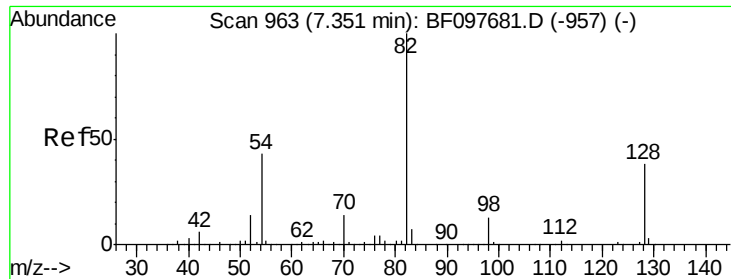
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



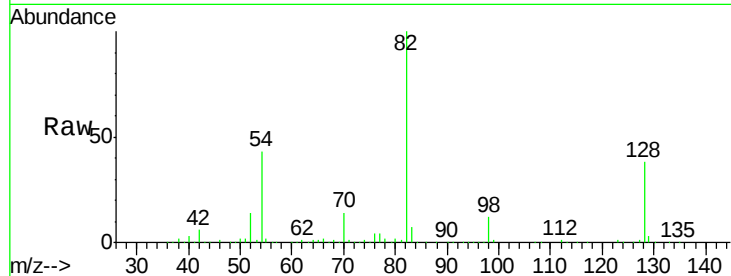
Time-->



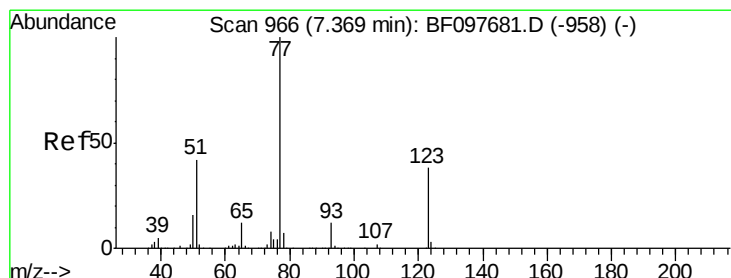
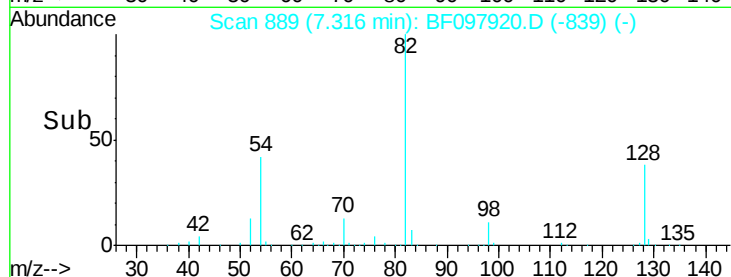
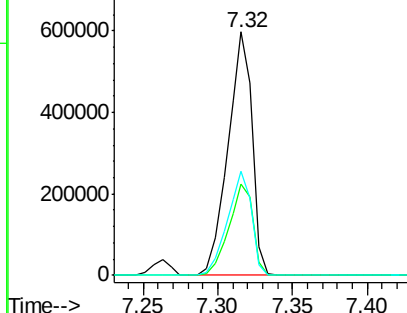
#23
 Nitrobenzene-d5
 Concen: 82.86 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	82	Resp	679011
Ion Ratio	100	Lower	Upper
128	37.5	34.0	51.0
54	42.6	42.2	63.2

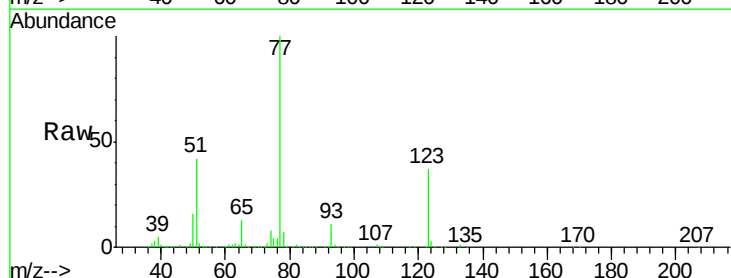


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

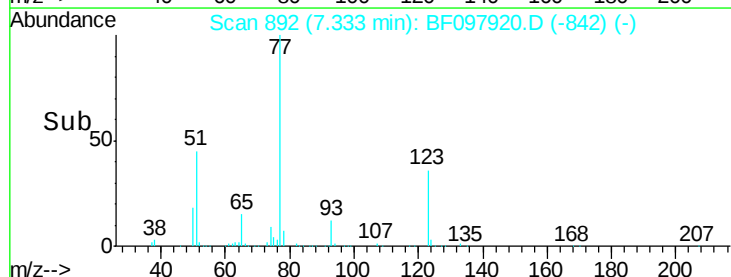
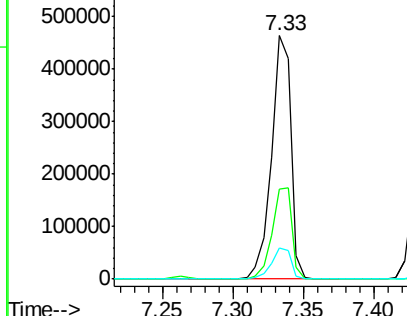


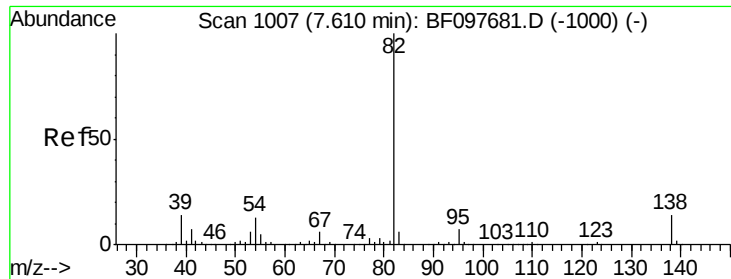
#24
 Nitrobenzene
 Concen: 49.14 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion	77	Resp	448332
Ion Ratio	100	Lower	Upper
123	37.0	35.8	53.8
65	13.1	10.6	15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 46.41 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

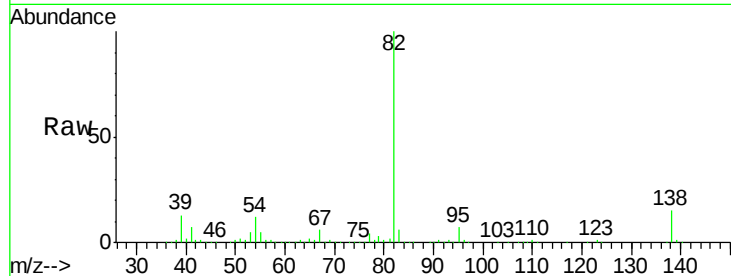
Tot Ion: 82 Resp: 790769

Ion Ratio Lower Upper

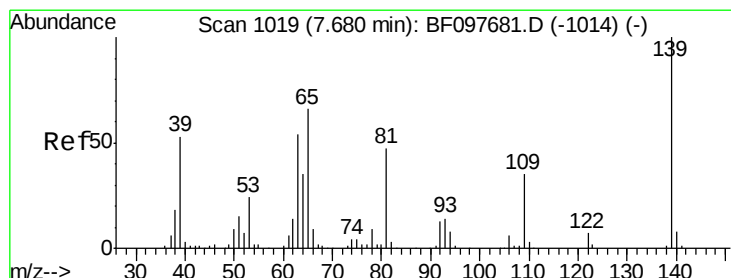
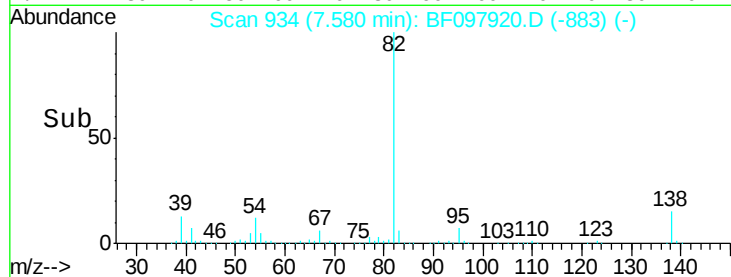
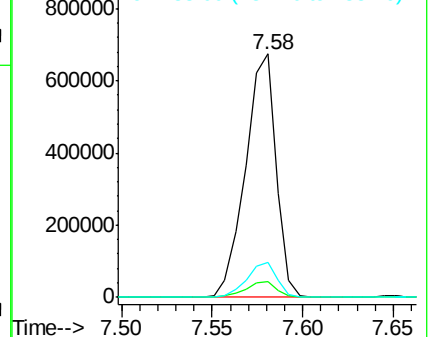
82 100

95 6.7 5.3 7.9

138 14.5 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 47.54 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

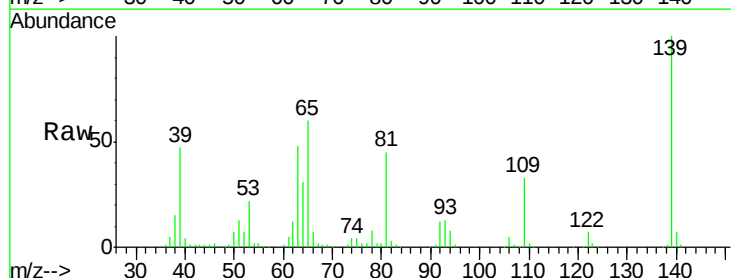
Tgt Ion: 139 Resp: 156977

Ion Ratio Lower Upper

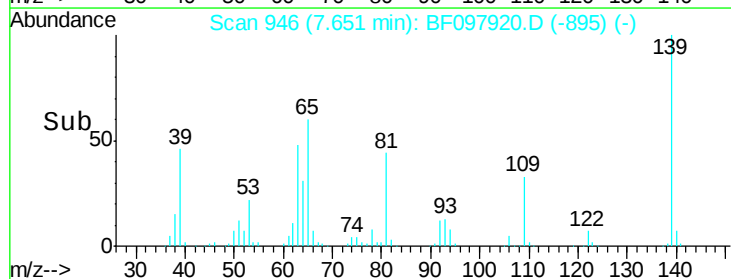
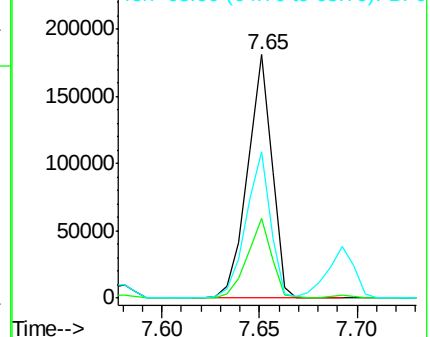
139 100

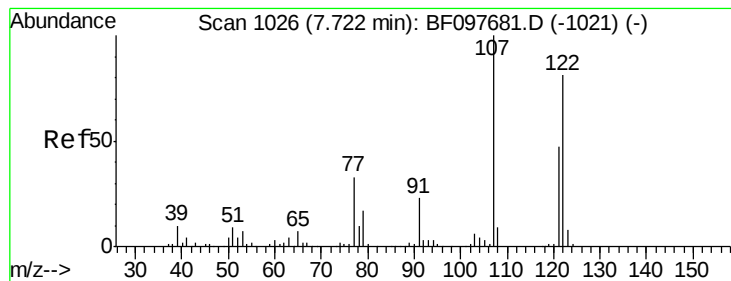
109 32.5 21.0 31.6#

65 60.3 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 45.34 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

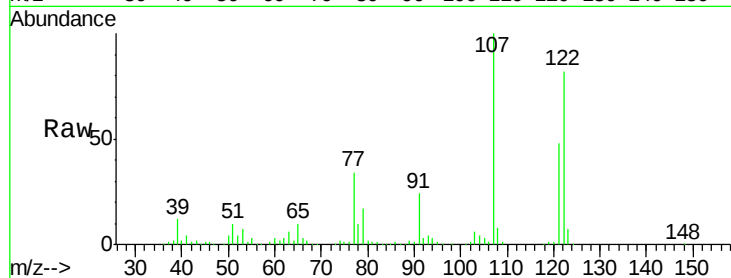
Tot Ion:122 Resp: 322231

Ion Ratio Lower Upper

122 100

107 121.8 89.2 133.8

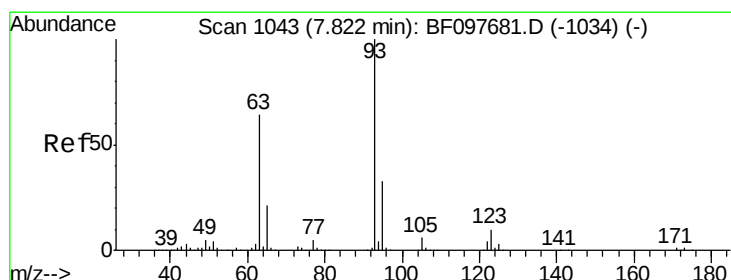
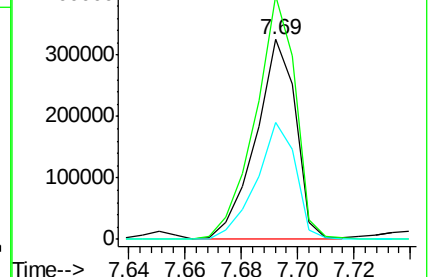
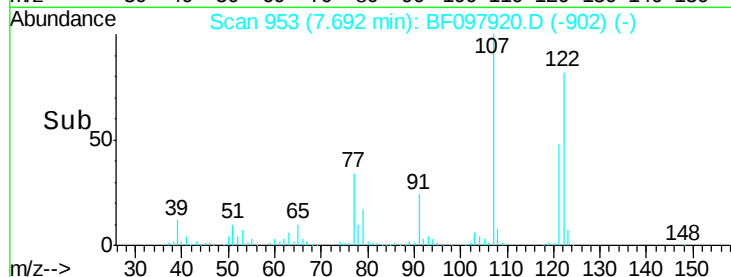
121 58.6 45.2 67.8



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: 44.14 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

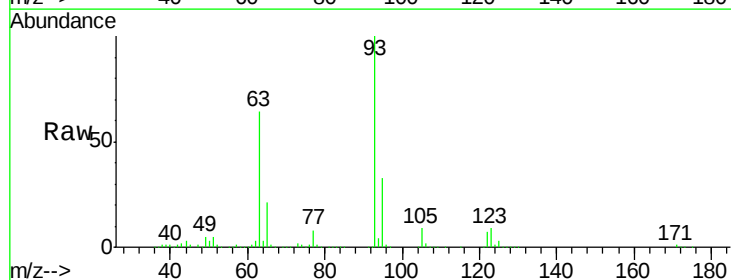
Tgt Ion: 93 Resp: 494421

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

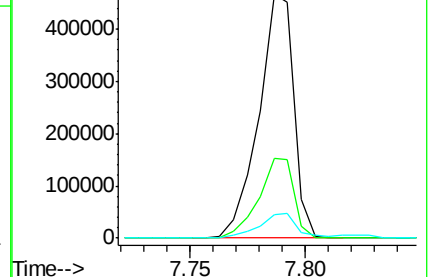
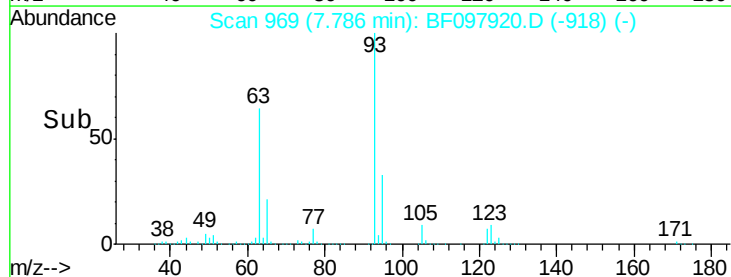
123 9.4 9.0 13.4

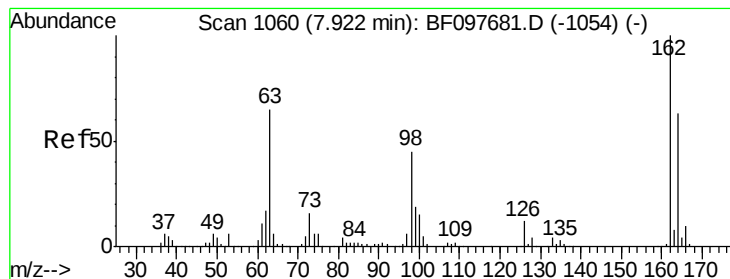


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.57 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

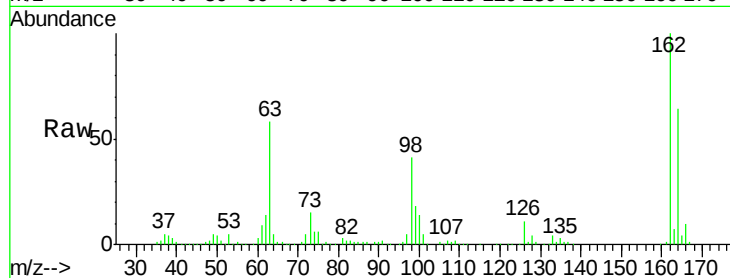
Tot Ion:162 Resp: 268789

Ion Ratio Lower Upper

162 100

164 63.6 44.6 84.6

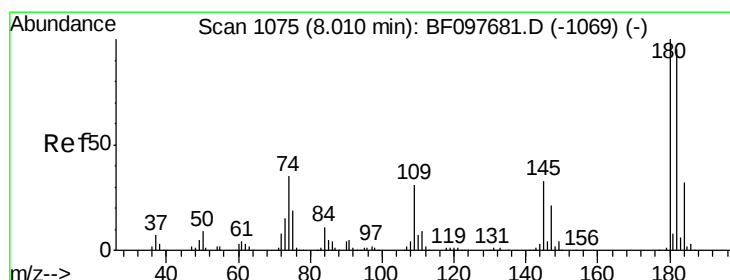
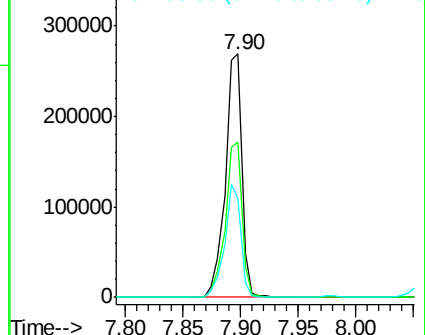
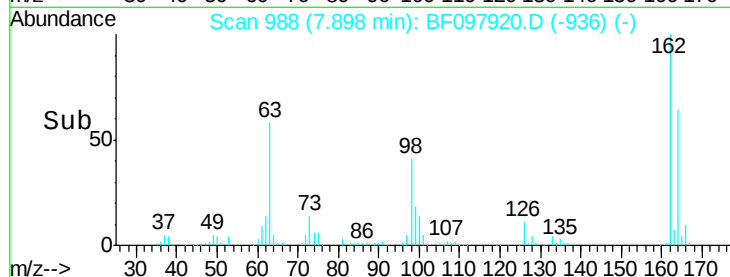
98 40.6 14.8 54.8



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: 42.63 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

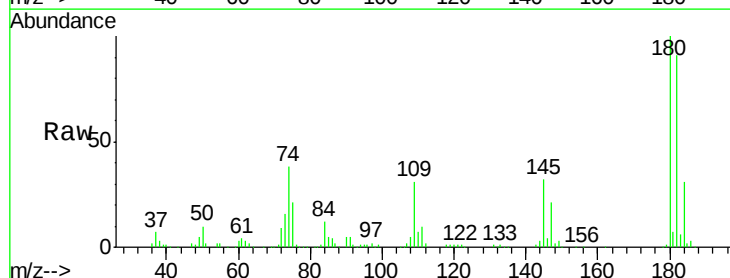
Tgt Ion:180 Resp: 278742

Ion Ratio Lower Upper

180 100

182 91.5 75.8 113.6

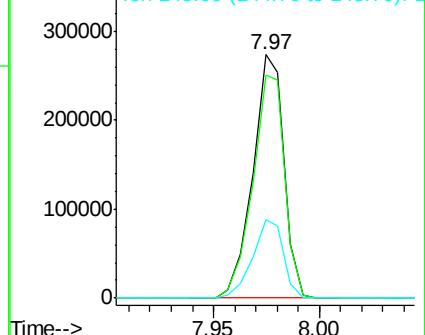
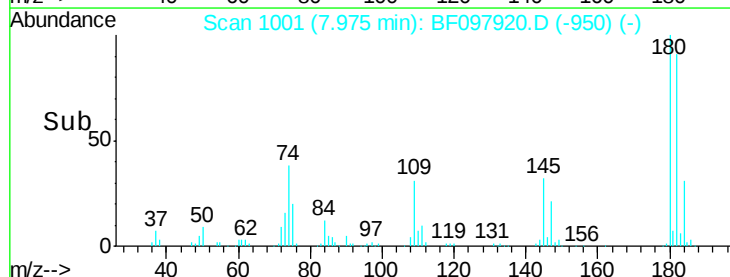
145 32.3 25.3 37.9

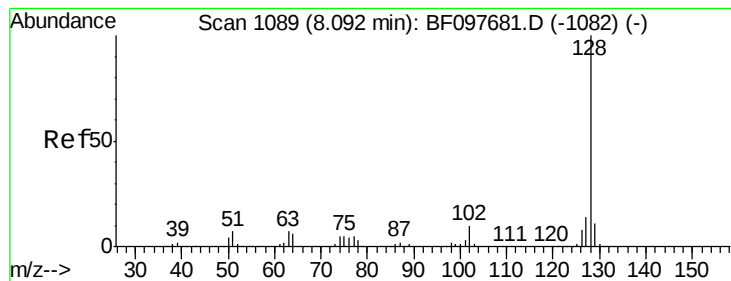


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.55 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-I10-ESWMSD

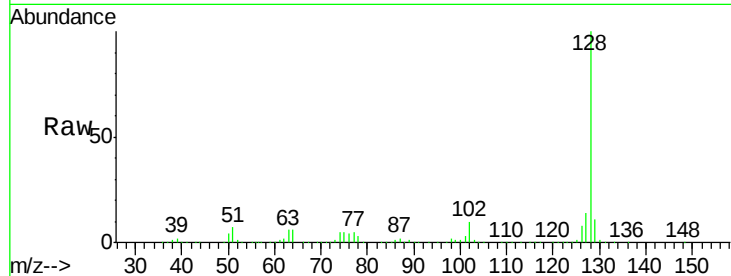
Tot Ion:128 Resp: 1029685

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

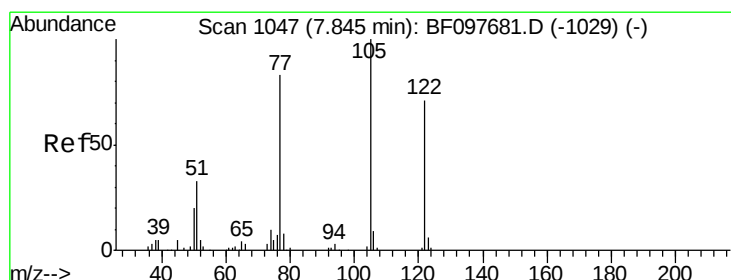
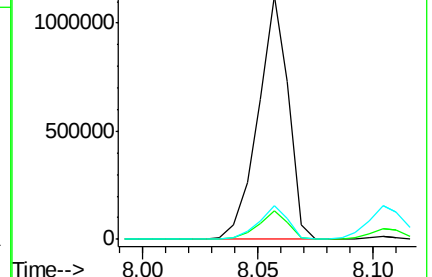
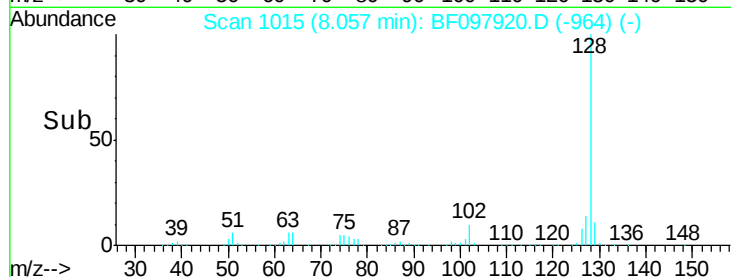
127 13.7 10.8 16.2



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: 43.81 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

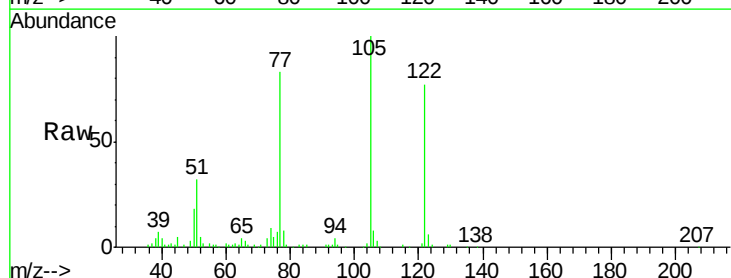
Tgt Ion:122 Resp: 223506

Ion Ratio Lower Upper

122 100

105 130.2 103.3 143.3

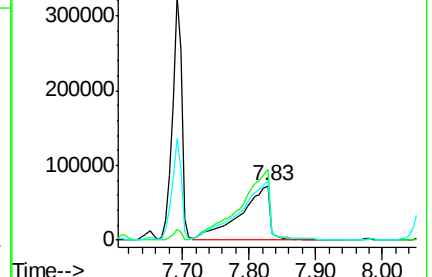
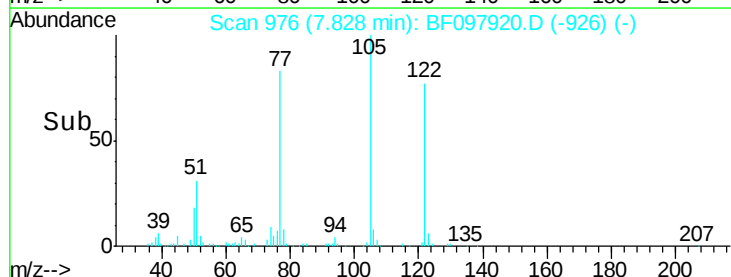
77 108.4 73.7 113.7

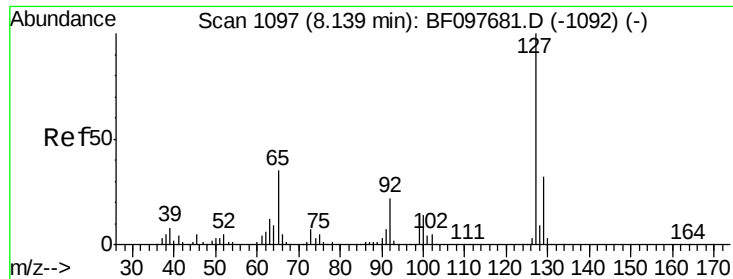


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

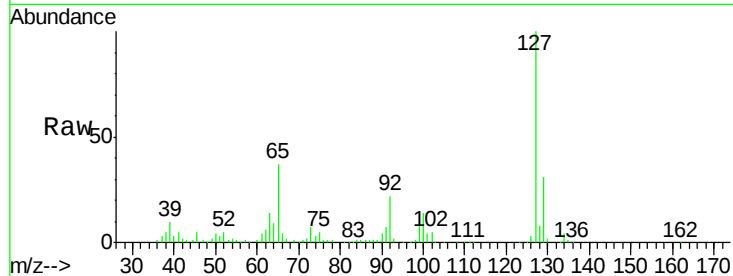




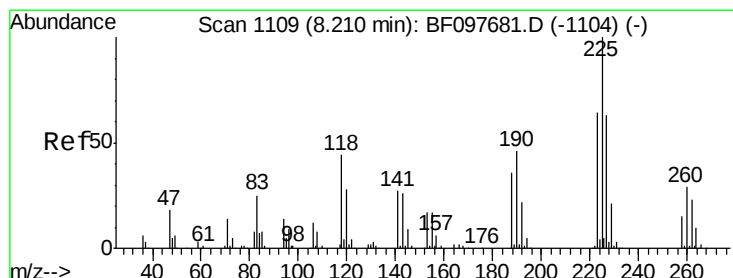
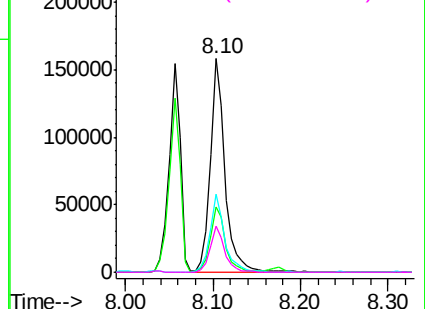
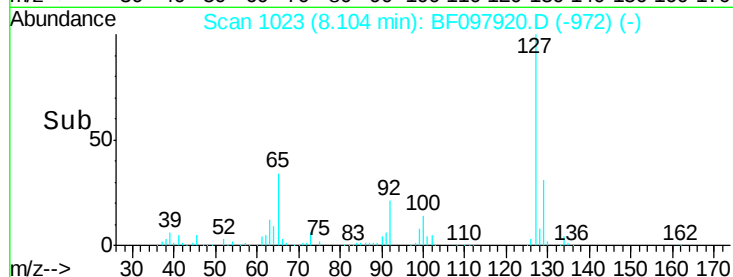
#33
4-Chloroaniline
Concen: 19.03 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

Tot Ion:	127	Resp:	185481
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	36.5	27.8	41.8
92	21.6	16.8	25.2

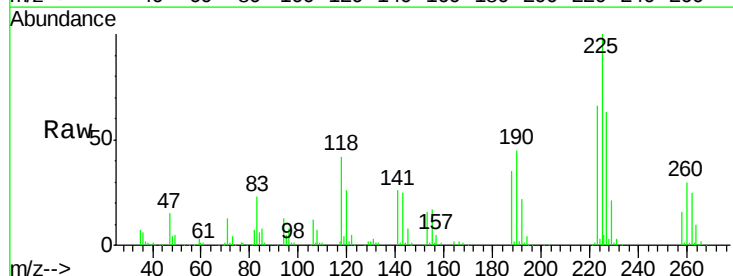


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

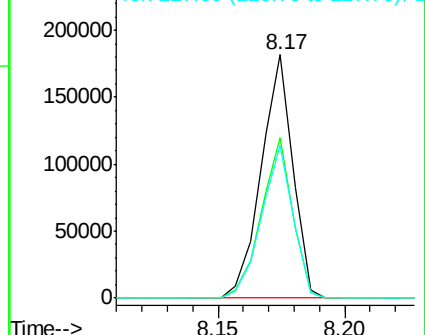
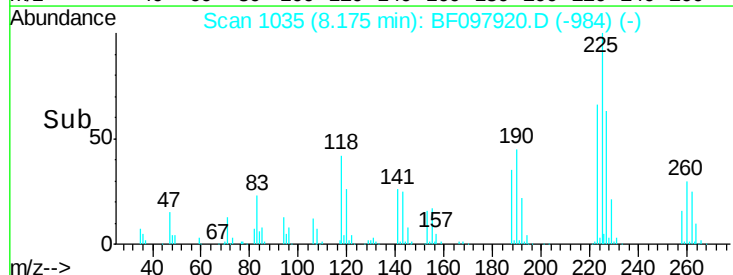


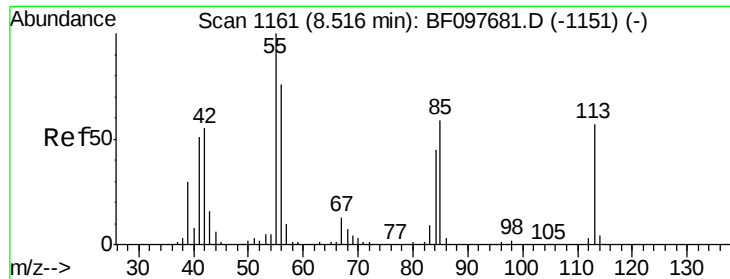
#34
Hexachlorobutadiene
Concen: 41.09 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:	225	Resp:	156884
Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.8	73.2
227	62.6	51.1	76.7



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

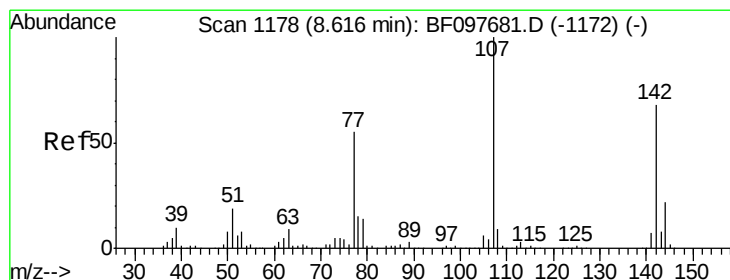
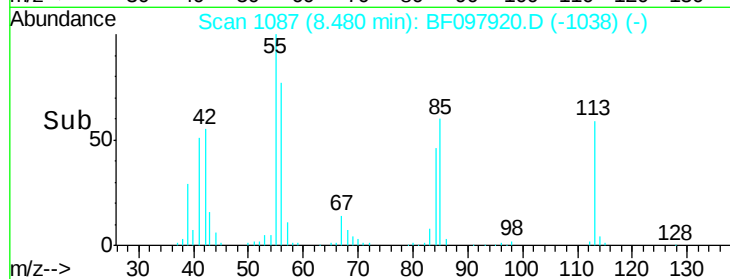
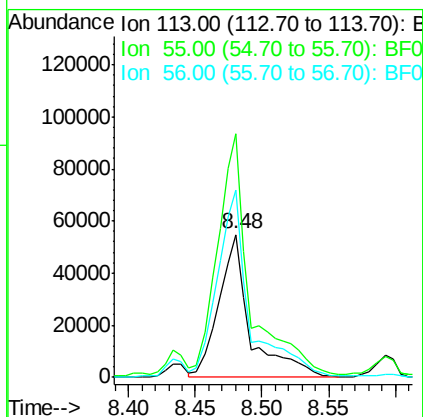
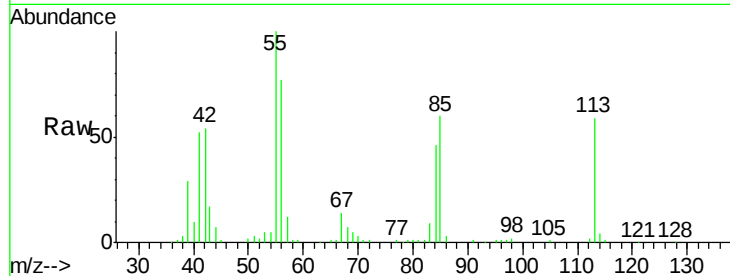




#35
 Caprolactam
 Concen: 45.42 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

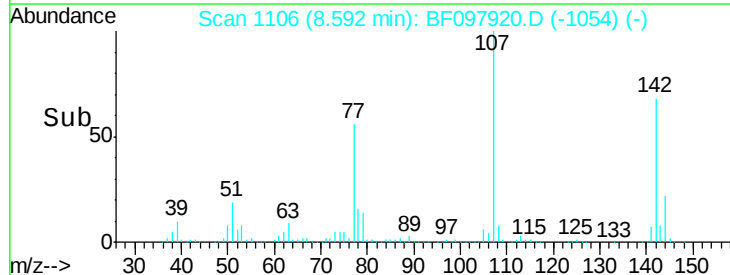
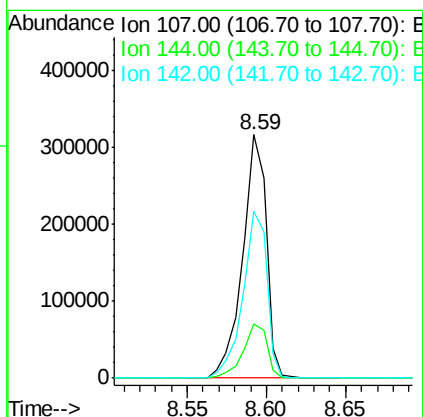
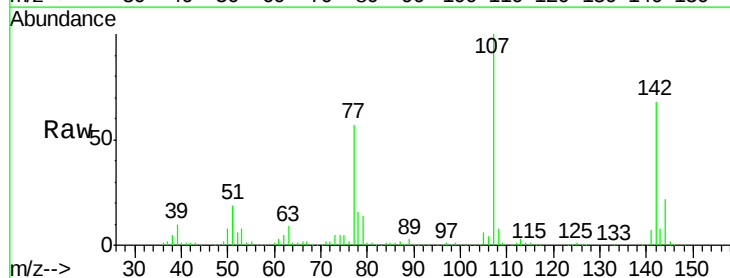
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

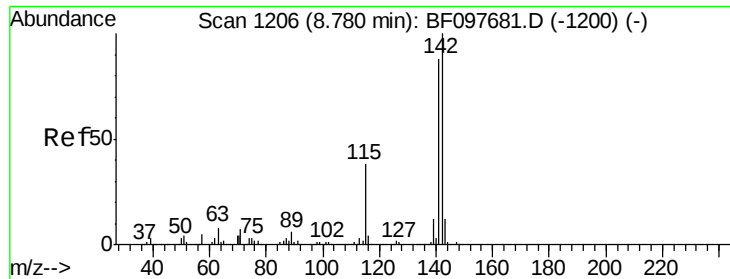
Tot Ion:113 Resp: 91091
 Ion Ratio Lower Upper
 113 100
 55 170.5 150.2 190.2
 56 130.9 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.34 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:107 Resp: 328451
 Ion Ratio Lower Upper
 107 100
 144 22.2 24.2 36.4#
 142 68.5 73.4 110.0#

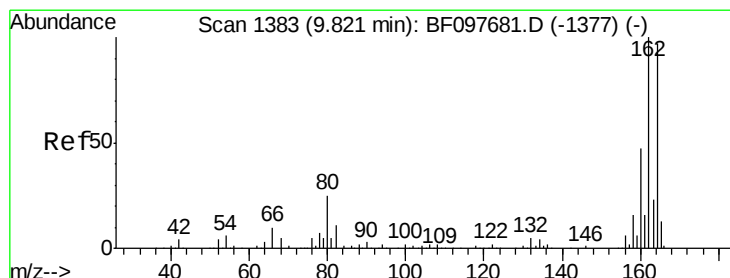
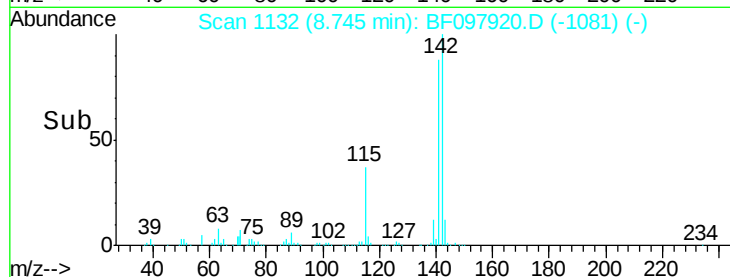
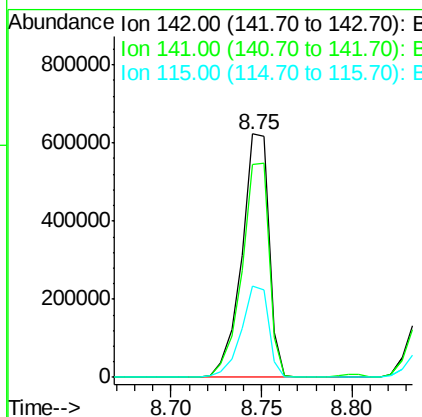
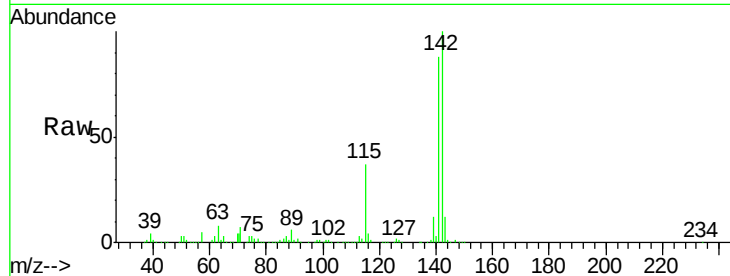




#37
 2-Methylnaphthalene
 Concen: 45.89 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

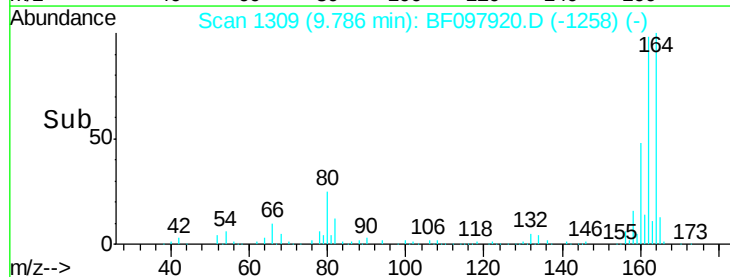
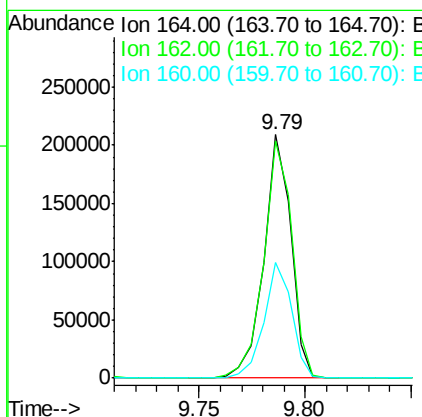
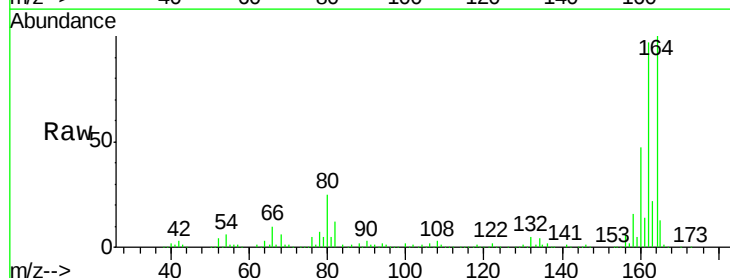
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

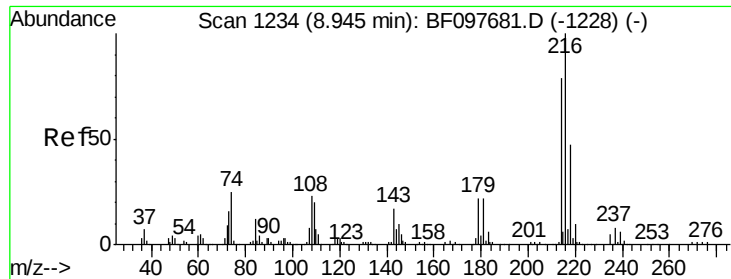
Tot Ion:142 Resp: 650275
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.3 106.9
 115 37.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:164 Resp: 187413
 Ion Ratio Lower Upper
 164 100
 162 97.5 82.6 123.8
 160 47.4 36.2 54.2

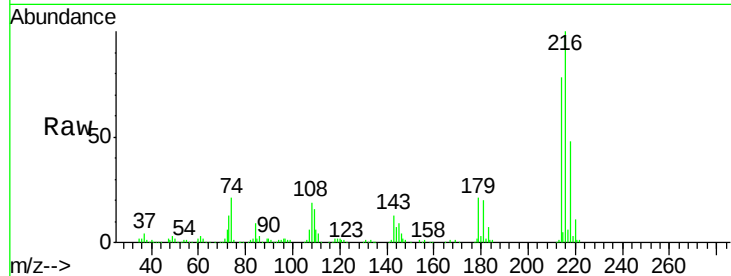




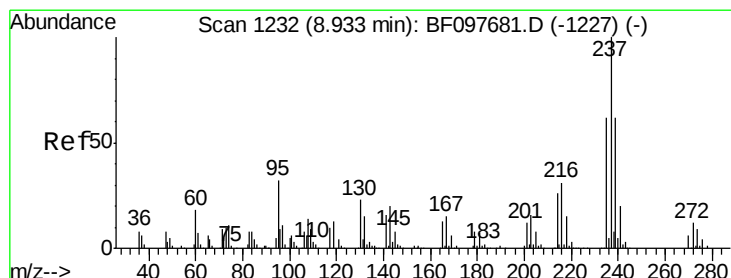
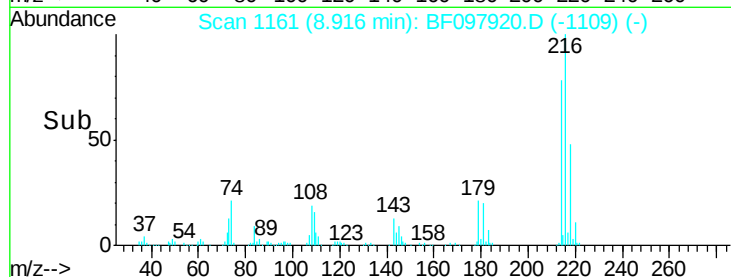
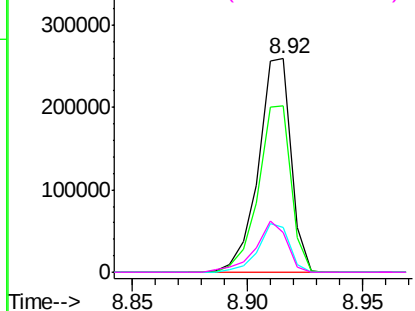
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.54 ng
 RT: 8.92 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion:216	Resp:	256196
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.4 95.2
179	21.7	17.9 26.9
108	23.6	16.5 24.7

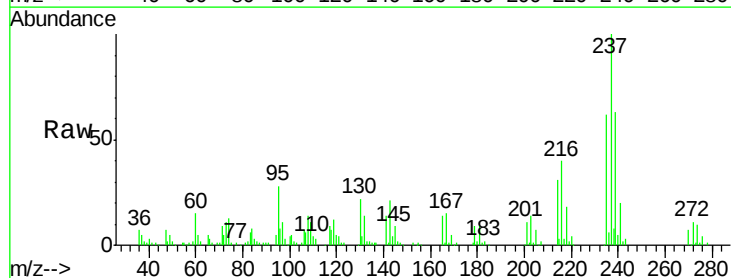


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

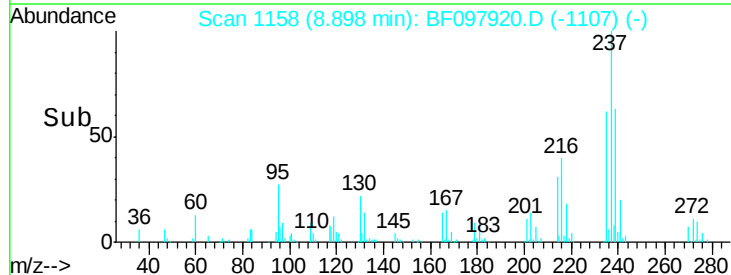
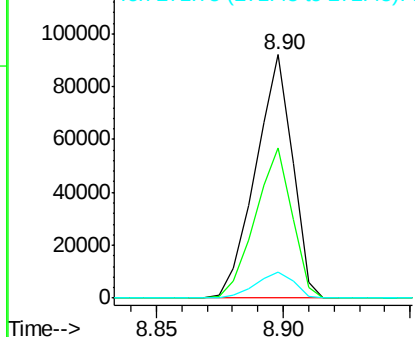


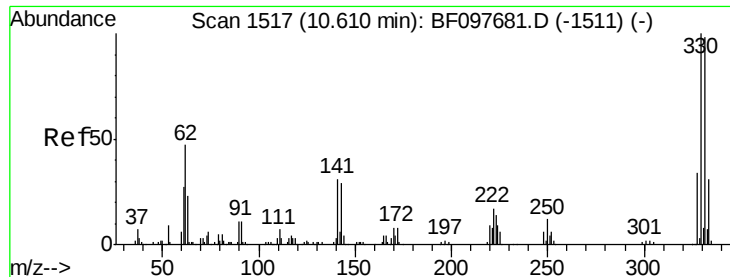
#40
 Hexachlorocyclopentadiene
 Concen: 33.56 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:237	Resp:	92739
Ion Ratio	Lower	Upper
237	100	
235	61.6	42.6 82.6
272	10.9	0.0 31.9



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

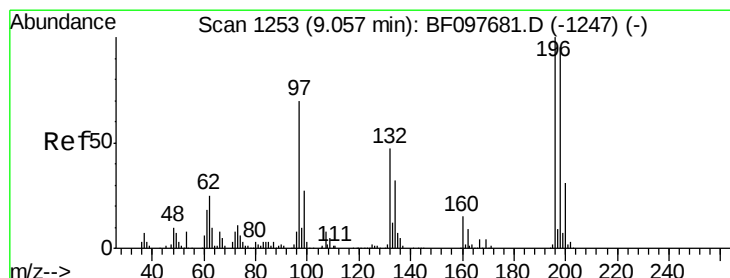
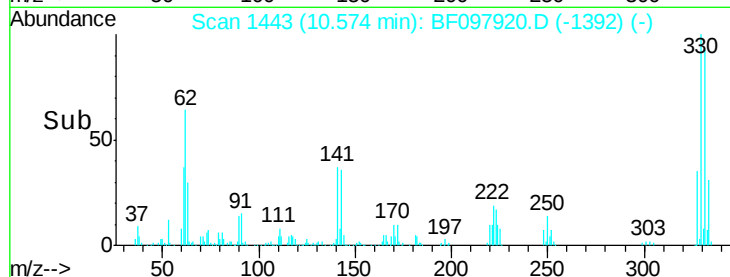
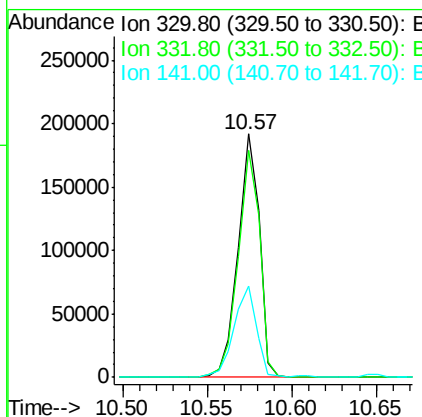
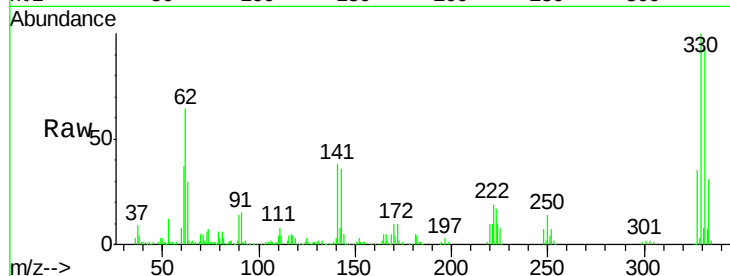




#41
 2,4,6-Tribromophenol
 Concen: 103.62 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

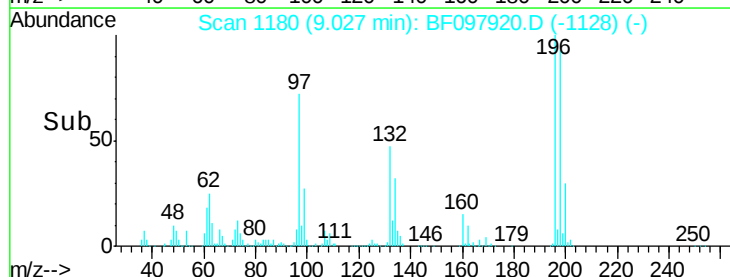
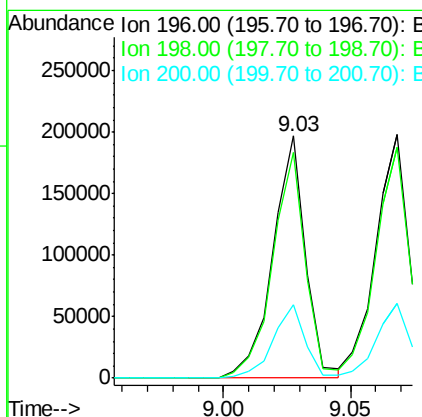
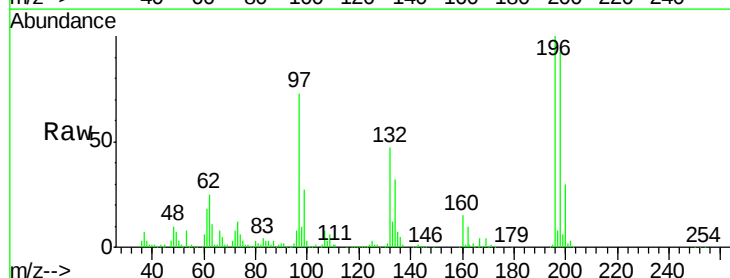
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

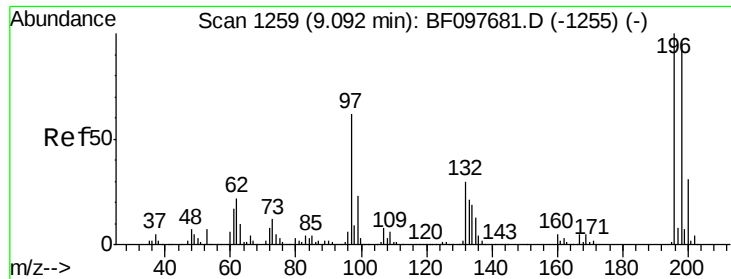
Tot Ion:330 Resp: 168499
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 39.2 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 46.01 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:196 Resp: 177672
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.2 111.4
 200 30.1 24.0 36.0

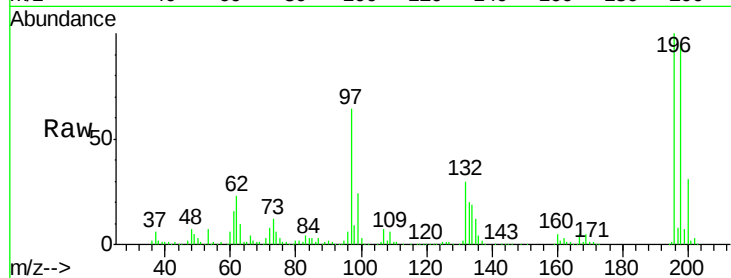




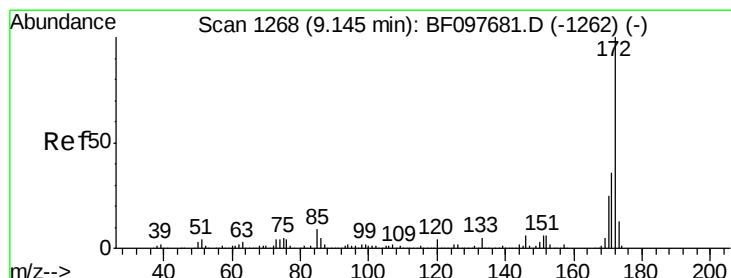
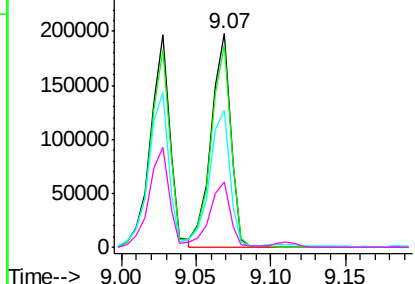
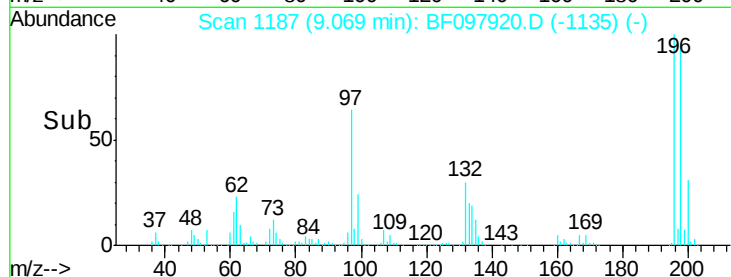
#43
 2,4,5-Trichlorophenol
 Concen: 47.47 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion:196 Resp: 181834
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.7 113.5
 97 63.9 47.7 71.5
 132 30.3 28.0 42.0

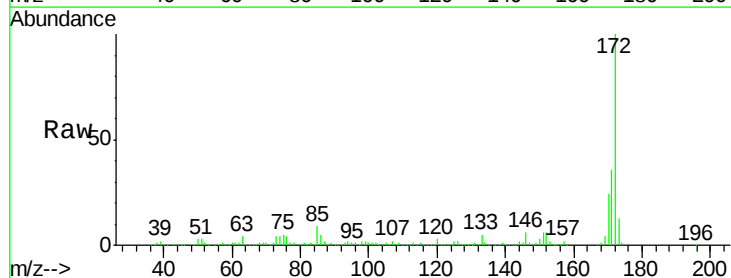


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

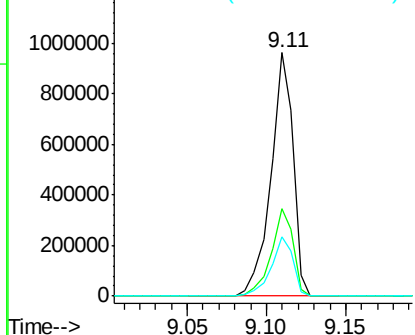
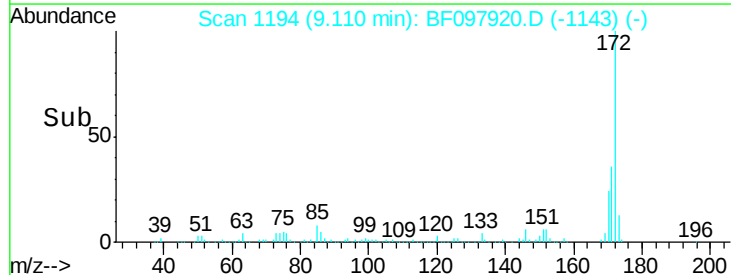


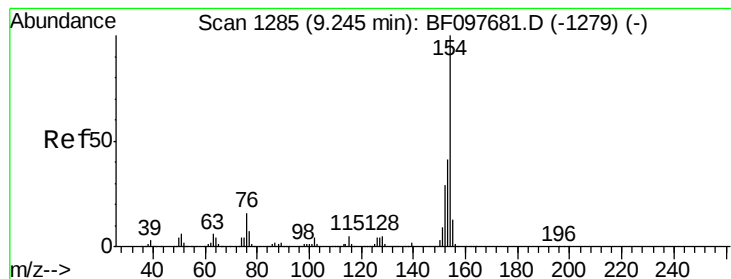
#44
 2-Fluorobiphenyl
 Concen: 73.86 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:172 Resp: 942224
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.3 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: 42.38 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

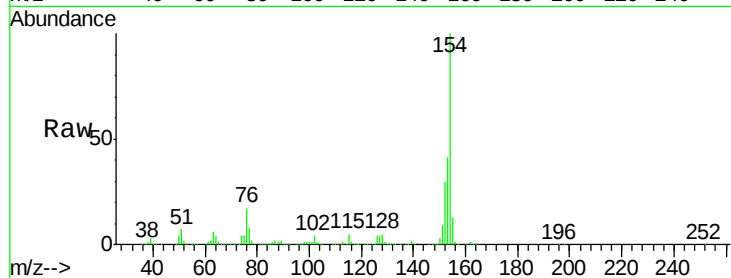
Tot Ion:154 Resp: 724286

Ion Ratio Lower Upper

154 100

153 41.3 21.2 61.2

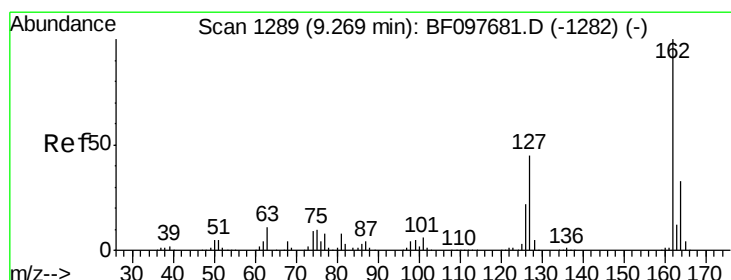
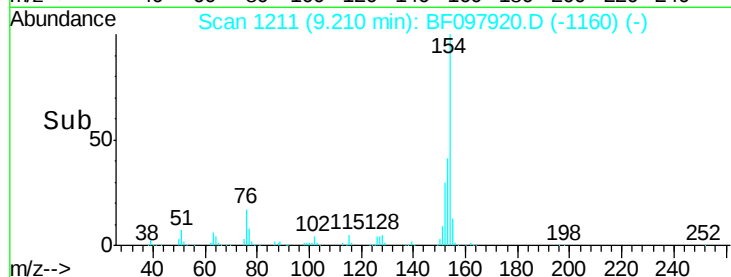
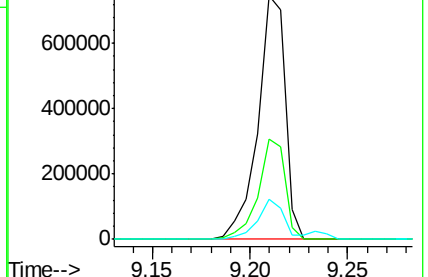
76 16.7 0.0 29.9



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: 41.63 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

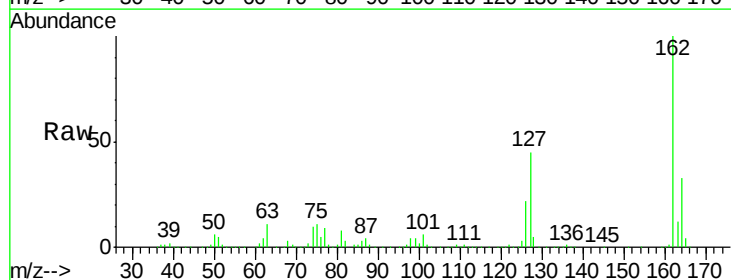
Tgt Ion:162 Resp: 525738

Ion Ratio Lower Upper

162 100

127 45.1 28.3 42.5#

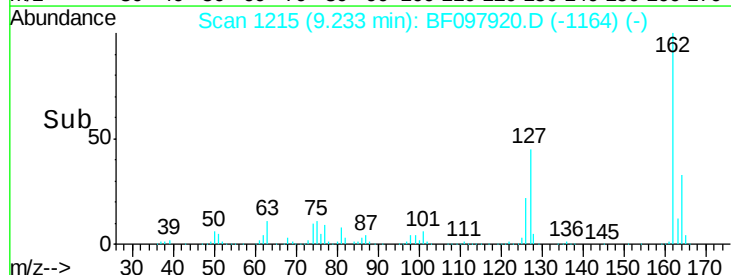
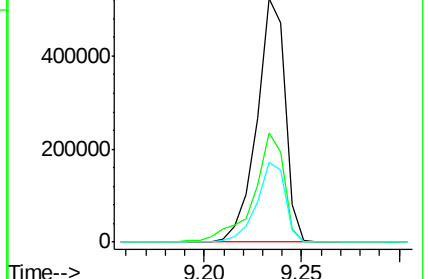
164 32.8 27.0 40.4

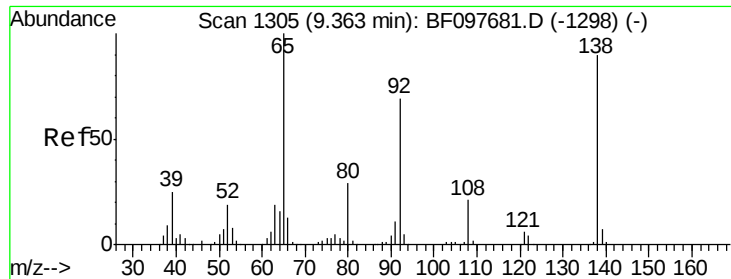


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

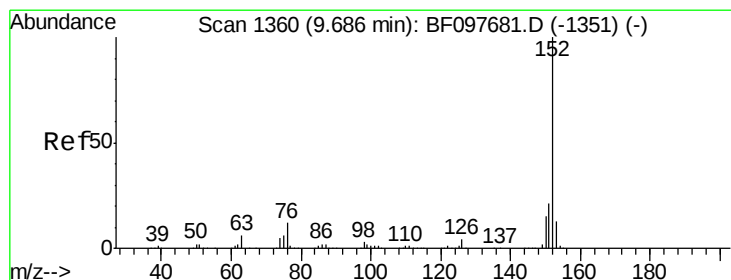
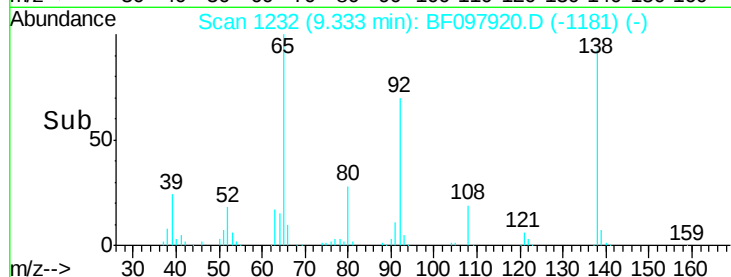
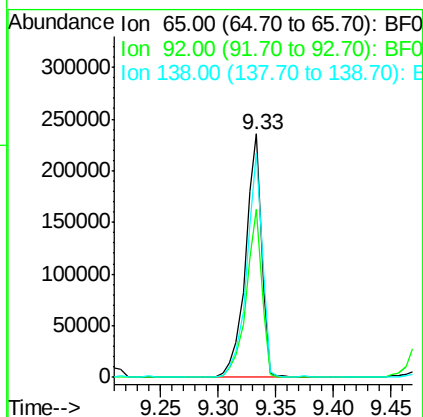
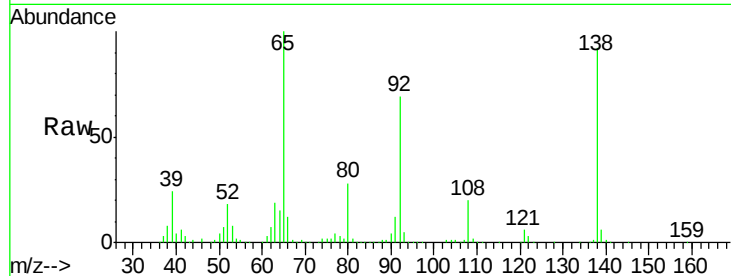




#47
2-Nitroaniline
Concen: 53.77 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

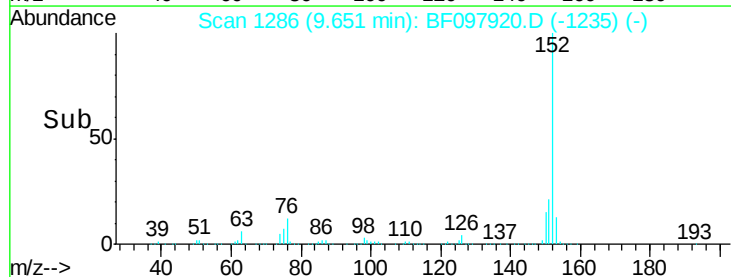
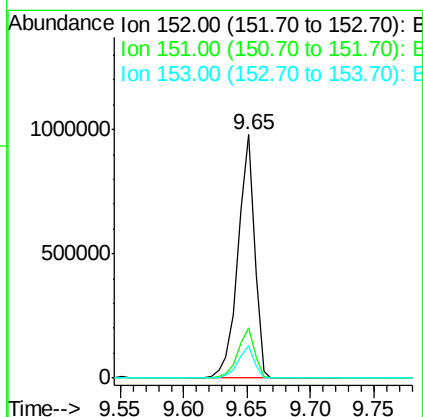
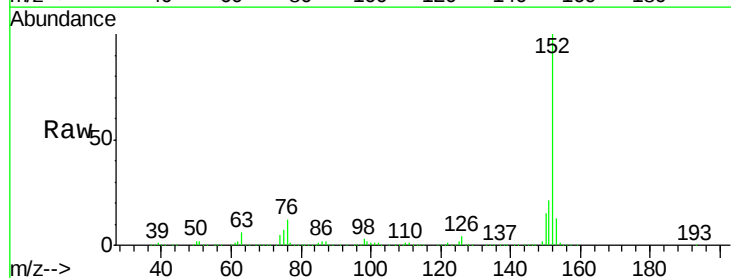
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

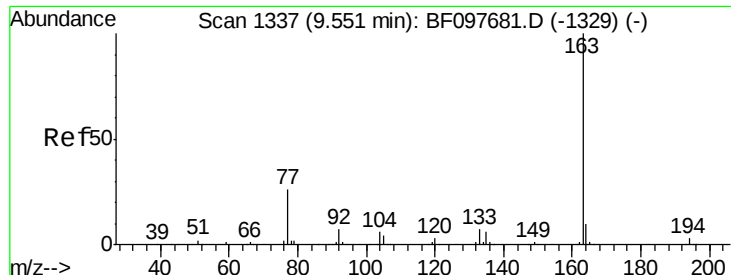
Tot Ion: 65 Resp: 227606
Ion Ratio Lower Upper
65 100
92 69.2 53.9 80.9
138 92.2 78.8 118.2



#48
Acenaphthylene
Concen: 44.11 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion: 152 Resp: 874676
Ion Ratio Lower Upper
152 100
151 20.6 16.8 25.2
153 13.3 10.8 16.2

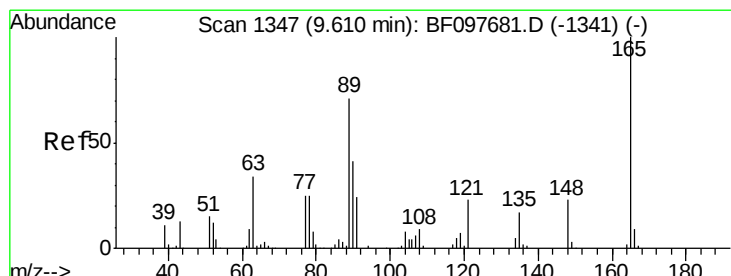
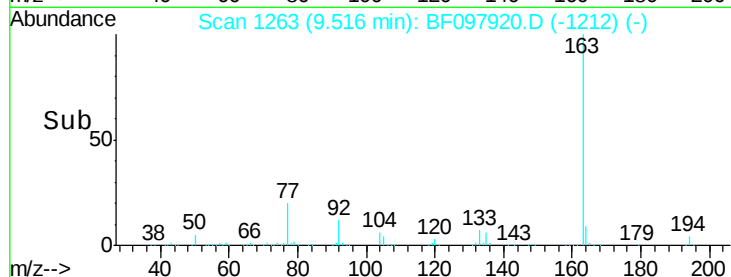
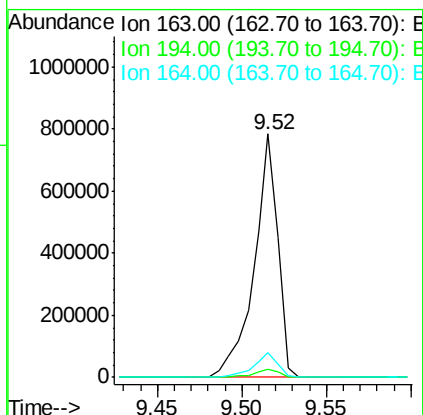
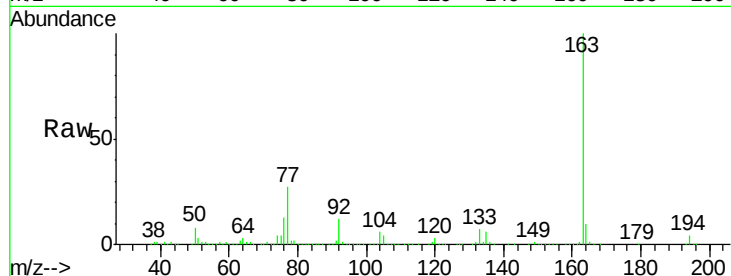




#49
Dimethylphthalate
Concen: 55.77 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

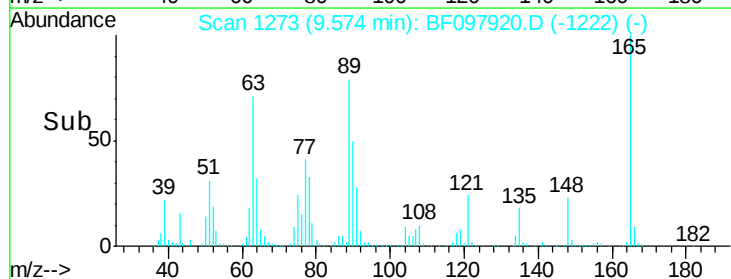
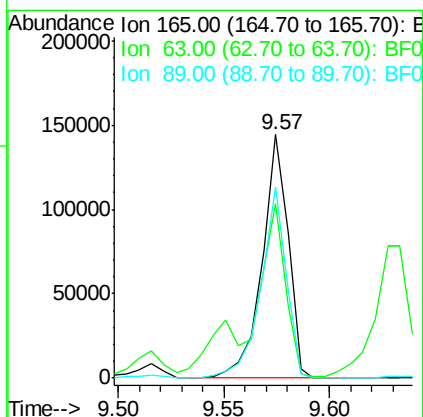
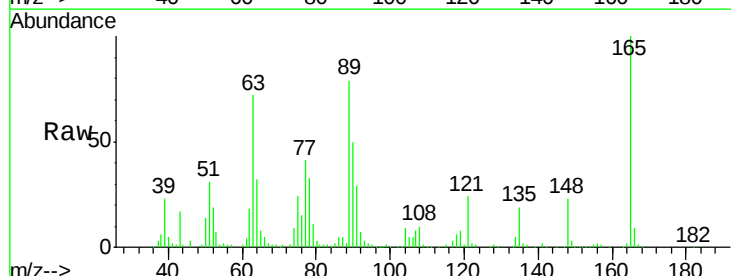
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

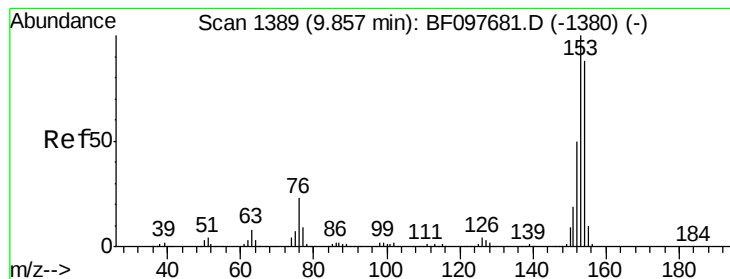
Tot Ion:163 Resp: 763991
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 45.44 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:165 Resp: 124252
Ion Ratio Lower Upper
165 100
63 71.5 34.3 51.5#
89 78.6 37.1 55.7#





#51

Acenaphthene

Concen: 42.47 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

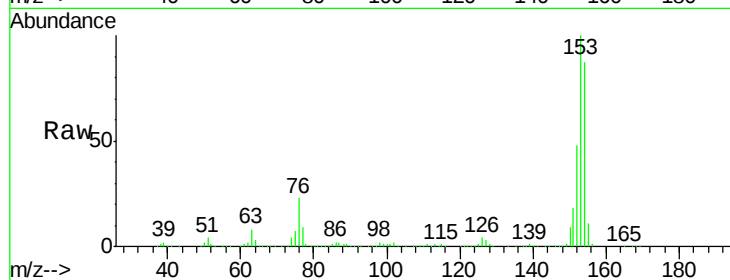
Tot Ion:154 Resp: 531199

Ion Ratio Lower Upper

154 100

153 114.5 90.5 135.7

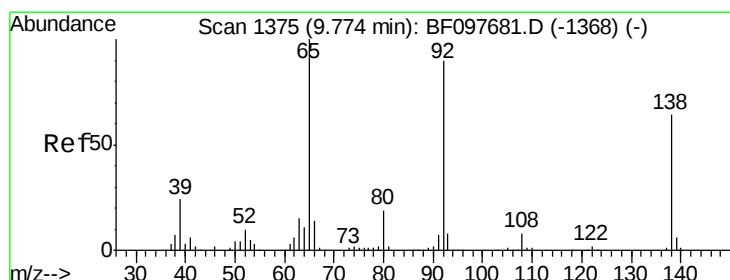
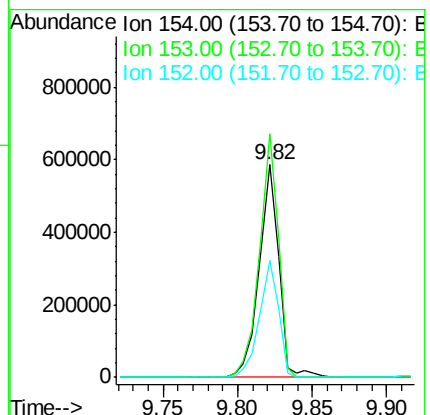
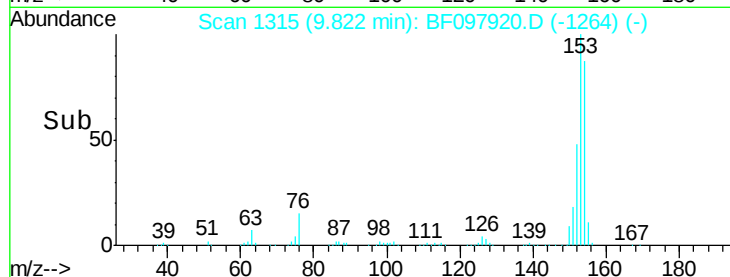
152 55.1 43.6 65.4



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: 32.65 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

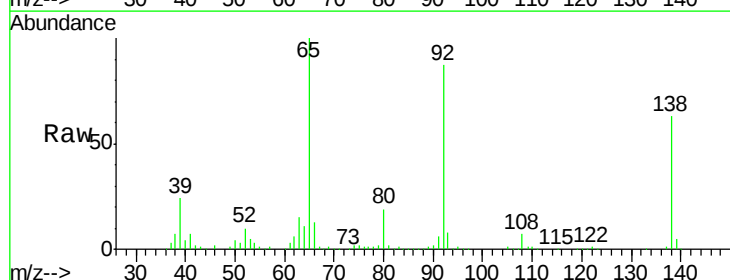
Tgt Ion:138 Resp: 115184

Ion Ratio Lower Upper

138 100

108 10.7 9.1 13.7

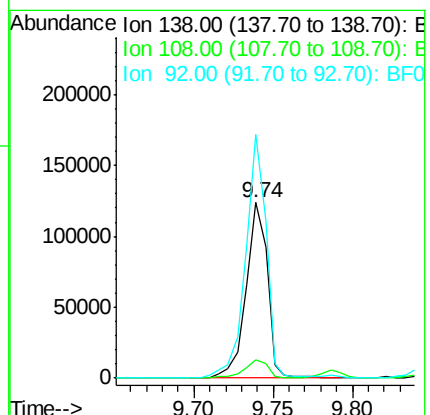
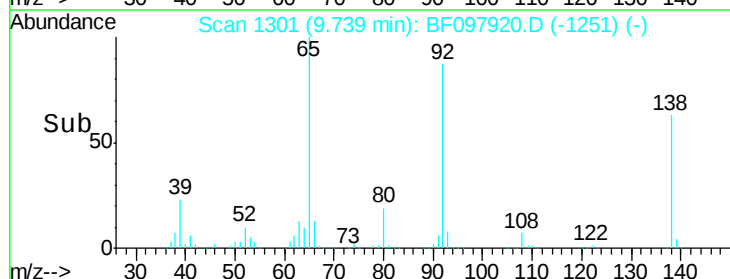
92 138.6 93.8 140.6

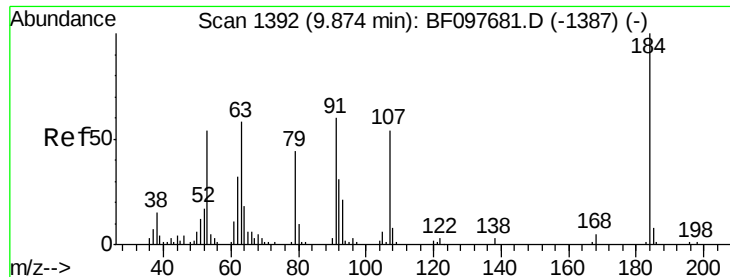


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

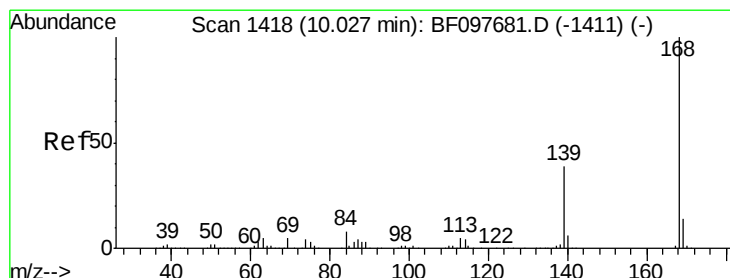
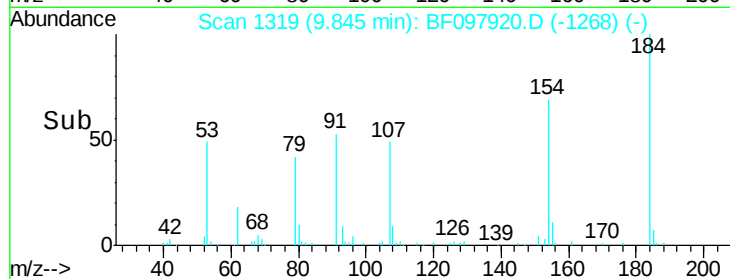
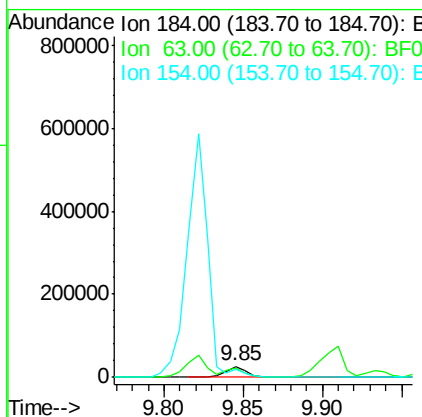
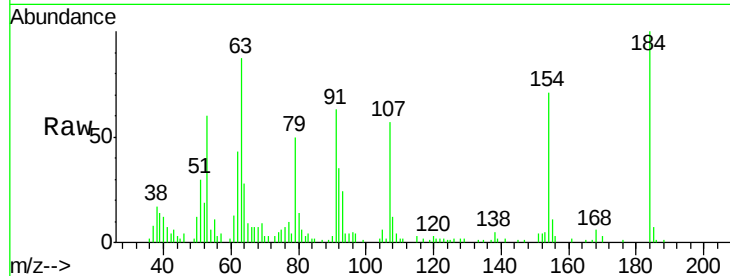




#53
 2,4-Dinitrophenol
 Concen: 26.47 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

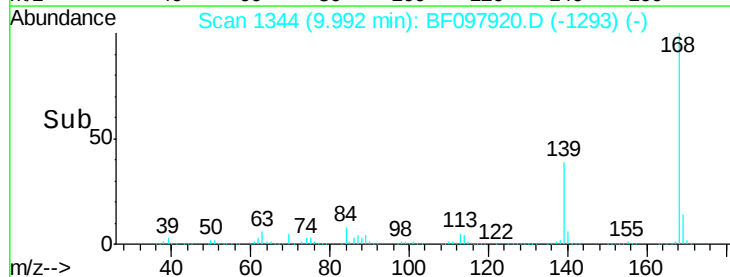
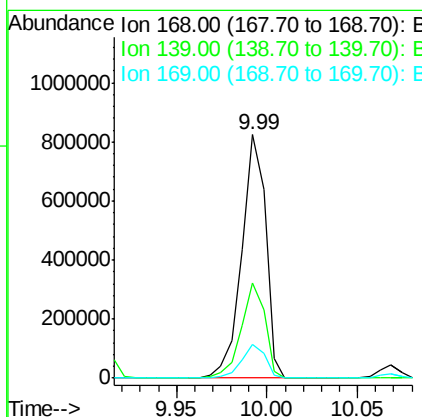
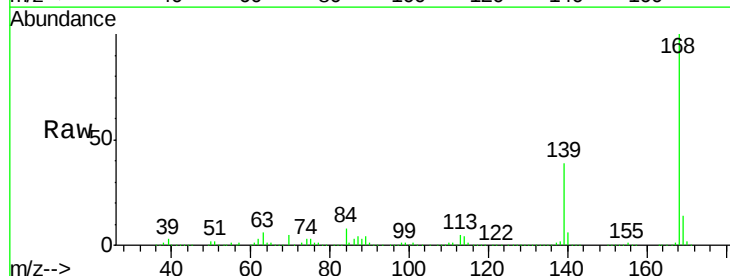
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

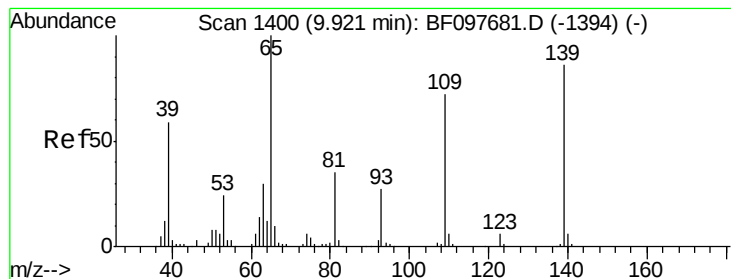
Tot Ion:184 Resp: 24327
 Ion Ratio Lower Upper
 184 100
 63 86.7 62.7 94.1
 154 70.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.30 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:168 Resp: 759375
 Ion Ratio Lower Upper
 168 100
 139 39.2 30.6 45.8
 169 14.1 10.8 16.2





#55

4-Nitrophenol

Concen: 79.27 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

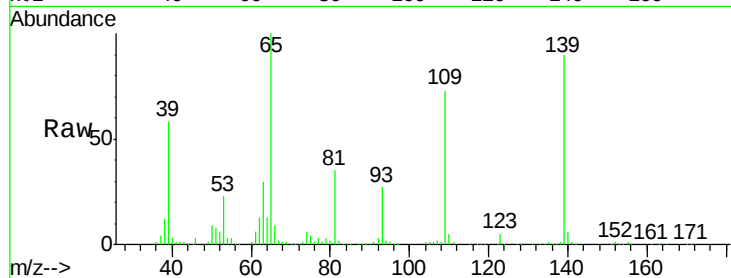
Tot Ion:139 Resp: 223106

Ion Ratio Lower Upper

139 100

109 81.0 34.1 74.1#

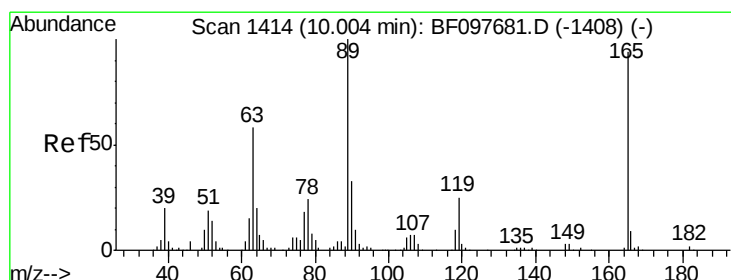
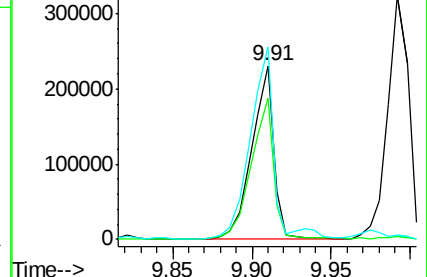
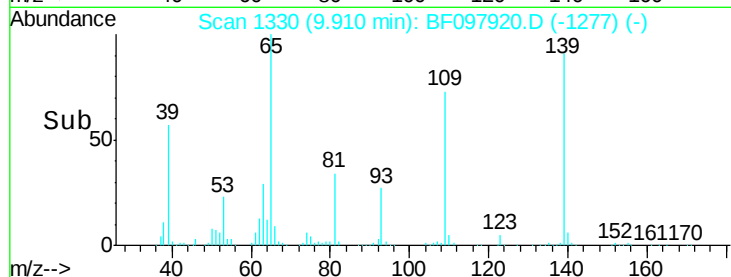
65 110.7 31.4 71.4#



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): E



#56

2,4-Dinitrotoluene

Concen: 46.04 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion:165 Resp: 158010

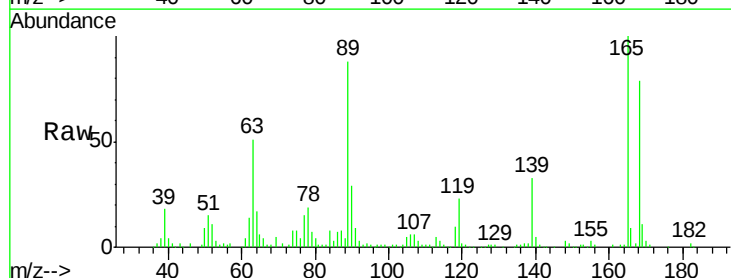
Ion Ratio Lower Upper

165 100

63 50.7 25.4 38.0#

89 87.6 46.4 69.6#

182 2.1 1.8 2.6

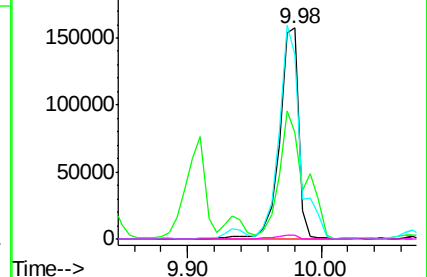
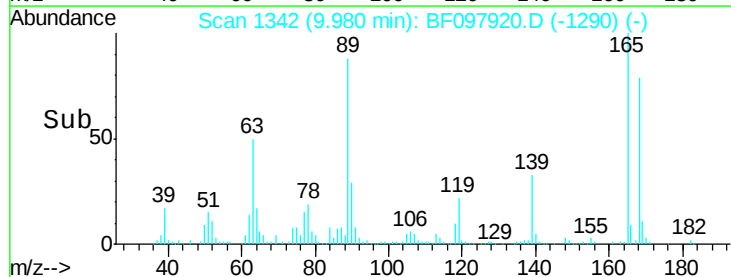


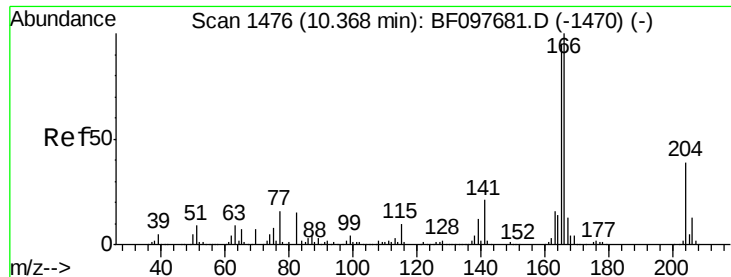
Abundance Ion 165.00 (164.70 to 165.70): E

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

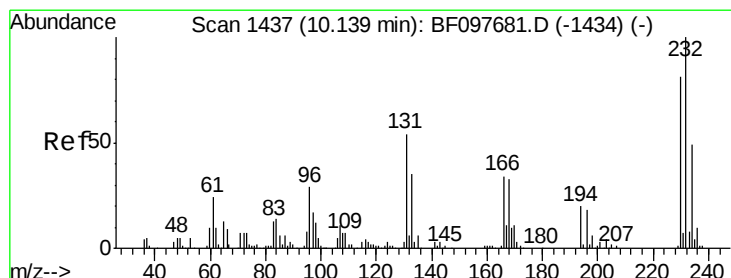
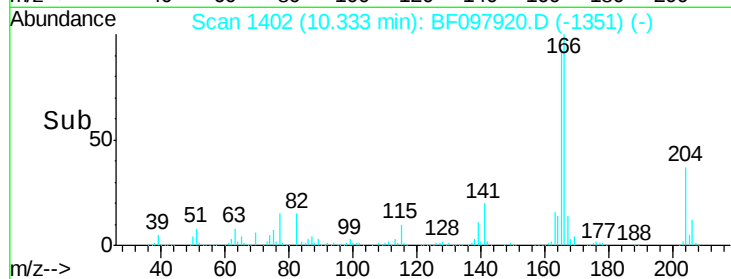
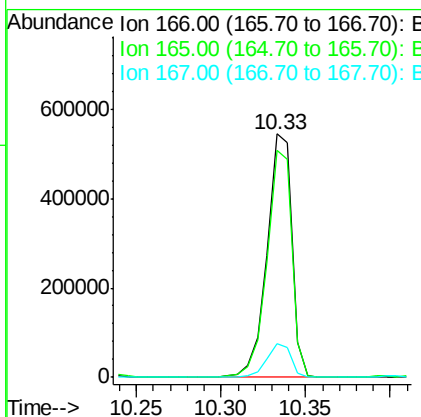
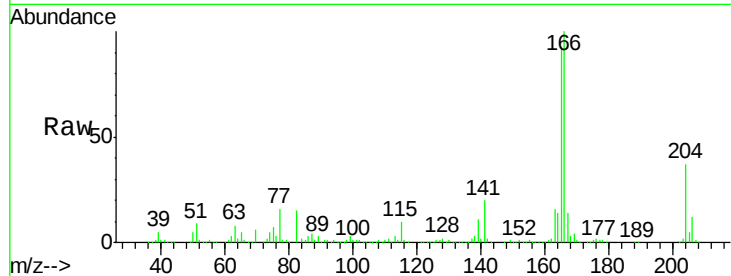




#57
Fluorene
 Concen: 42.53 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

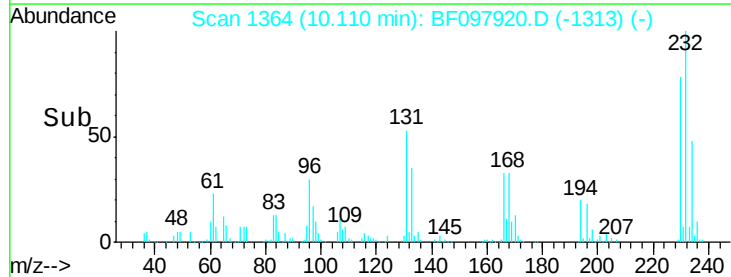
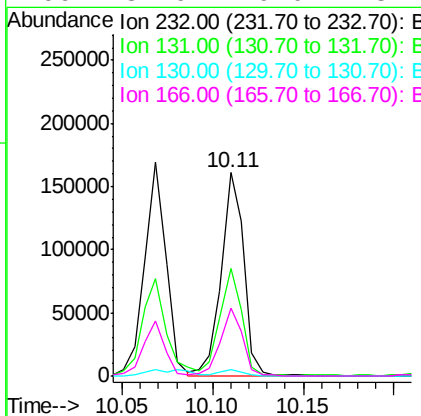
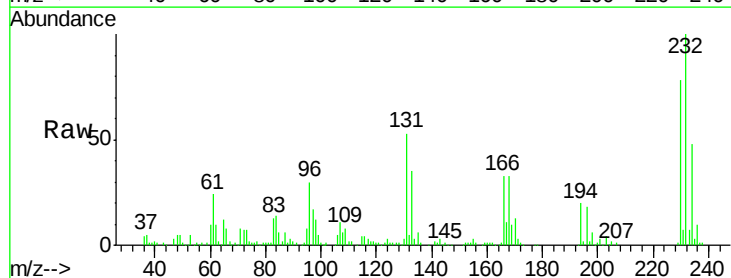
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

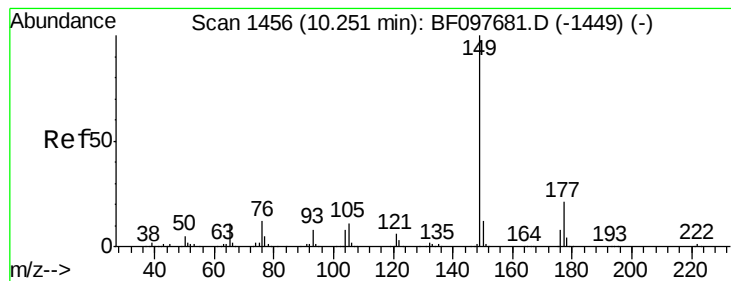
Tot Ion:166 Resp: 551093
 Ion Ratio Lower Upper
 166 100
 165 93.3 78.8 118.2
 167 13.7 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.31 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:232 Resp: 140313
 Ion Ratio Lower Upper
 232 100
 131 50.6 44.8 67.2
 130 3.3 2.3 3.5
 166 32.9 29.0 43.4





#59

Diethylphthalate

Concen: 45.85 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

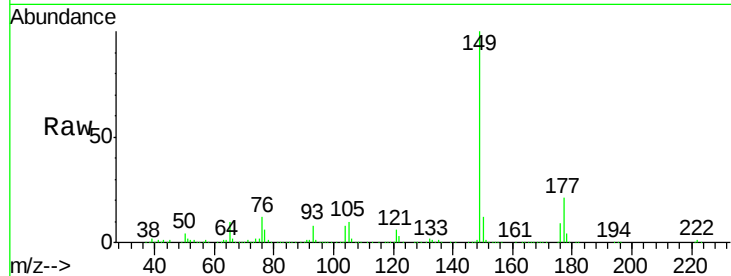
Tot Ion:149 Resp: 656825

Ion Ratio Lower Upper

149 100

177 21.3 16.7 25.1

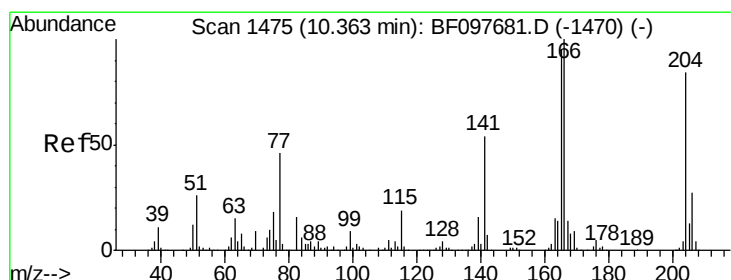
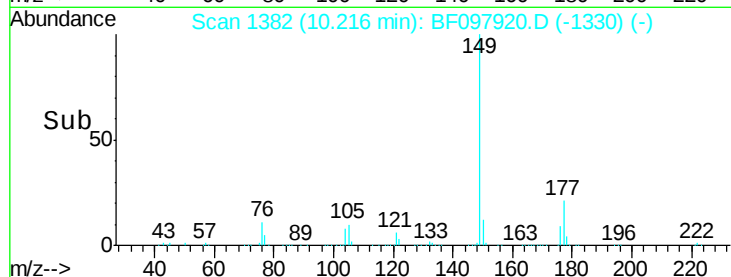
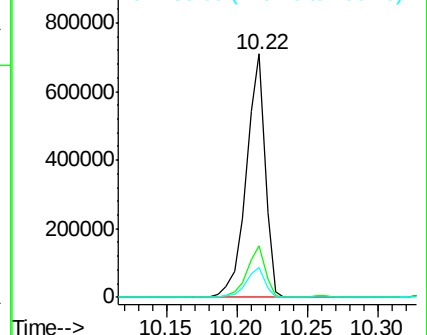
150 12.3 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.82 ng

RT: 10.33 min Scan# 1401

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

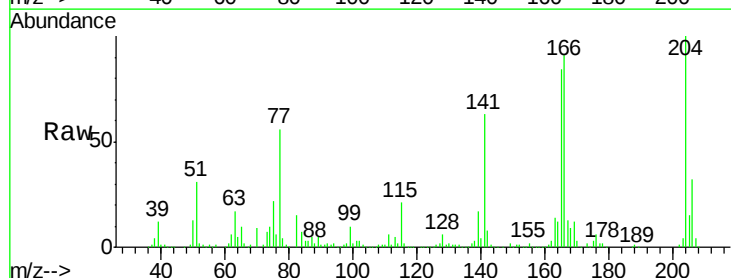
Tgt Ion:204 Resp: 251764

Ion Ratio Lower Upper

204 100

206 32.0 26.2 39.2

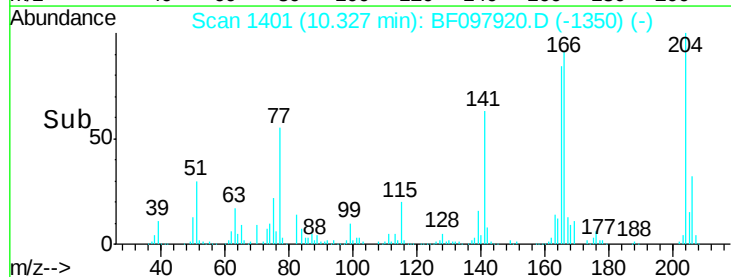
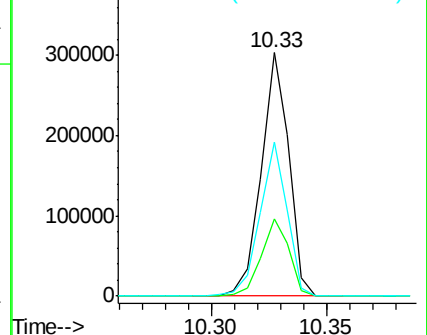
141 63.3 60.8 91.2

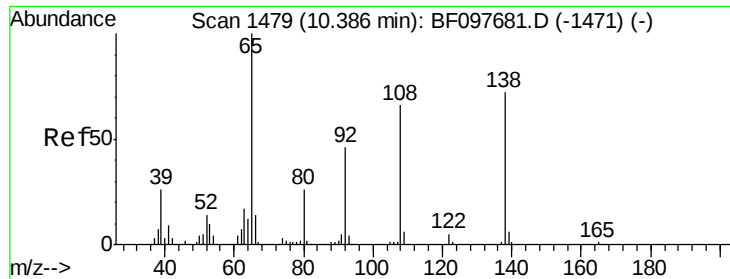


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.15 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

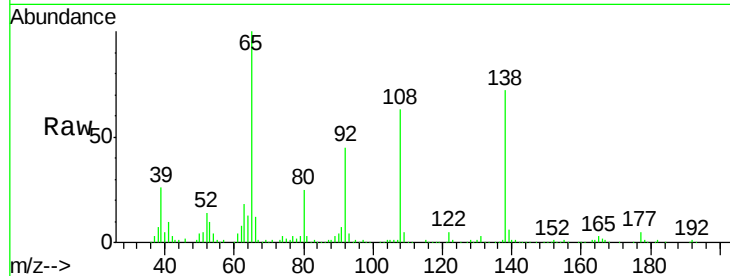
Tot Ion:138 Resp: 141345

Ion Ratio Lower Upper

138 100

92 62.2 21.8 61.8#

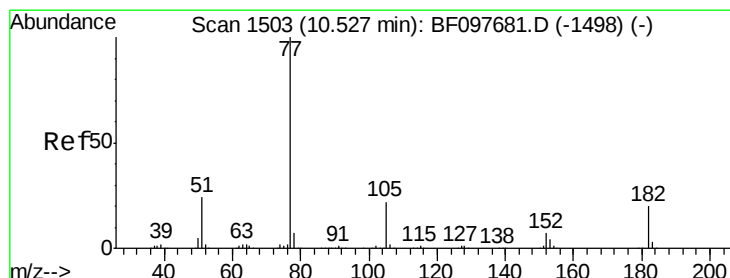
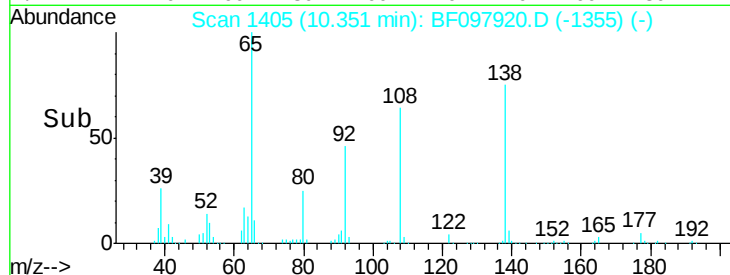
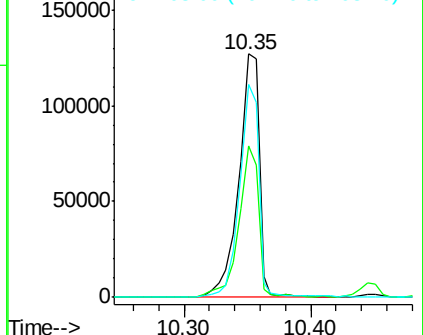
108 87.4 42.3 82.3#



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: 43.54 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Tgt Ion: 77 Resp: 740976

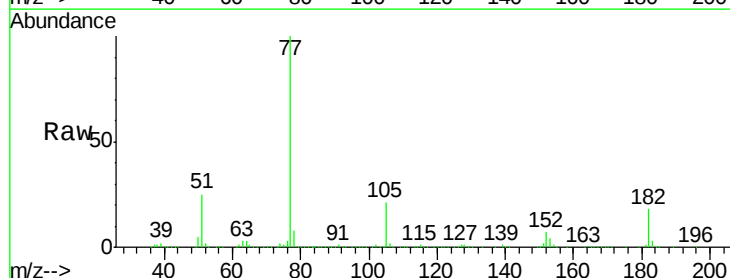
Ion Ratio Lower Upper

77 100

182 17.7 0.1 40.1

105 20.5 3.6 43.6

51 24.6 9.4 49.4

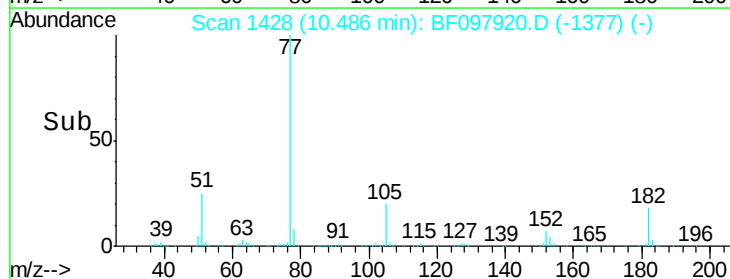
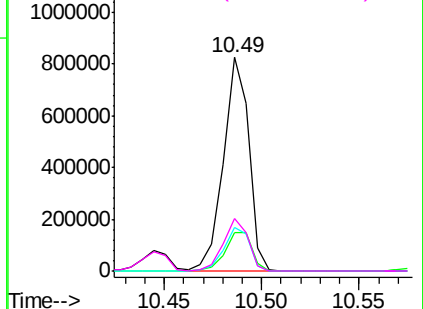


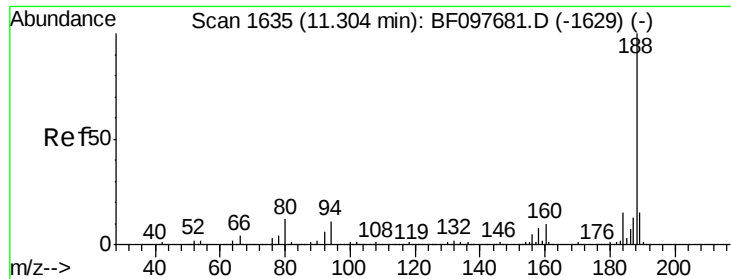
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

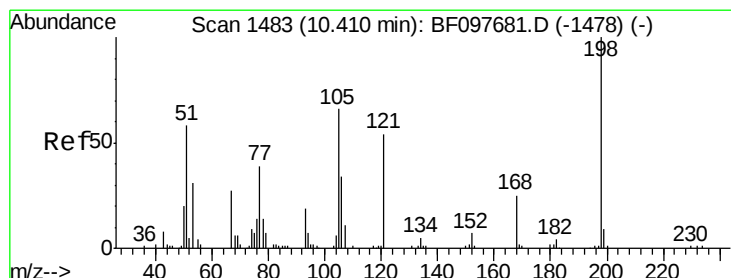
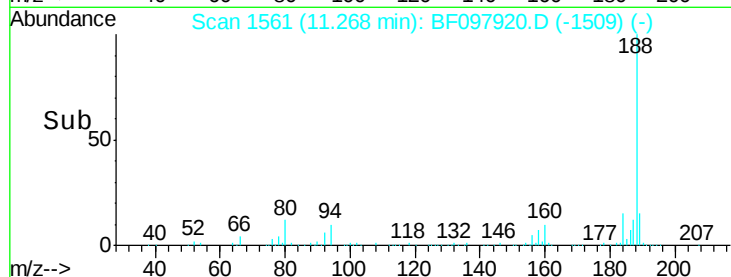
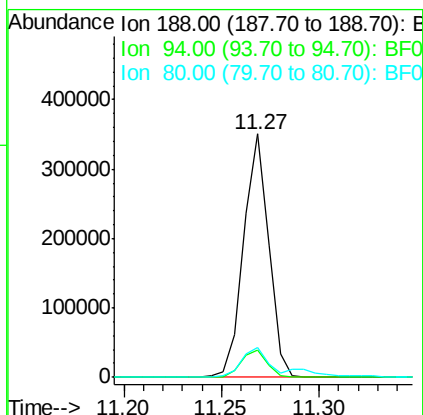
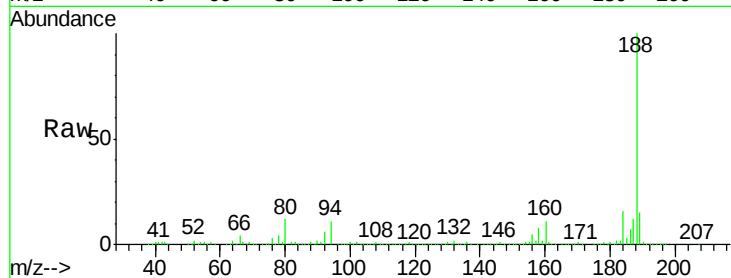




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

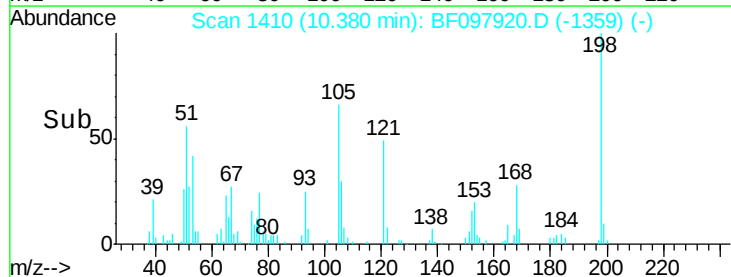
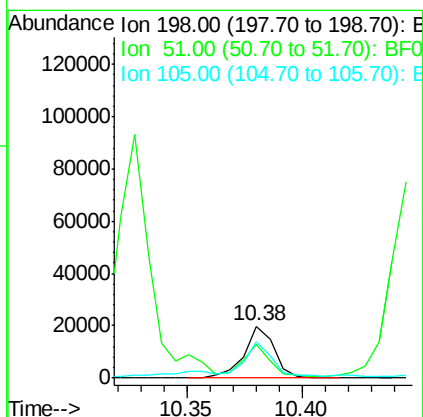
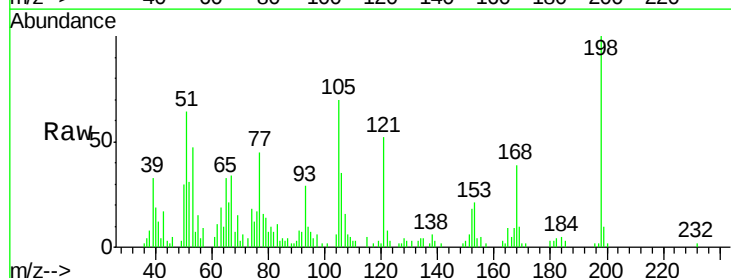
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

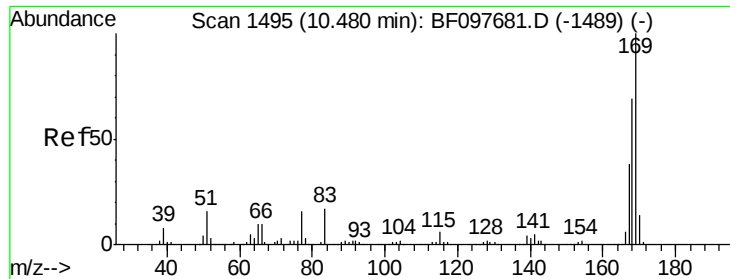
Tot Ion:188 Resp: 313265
Ion Ratio Lower Upper
188 100
94 11.1 9.4 14.2
80 12.2 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 18.49 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:198 Resp: 18164
Ion Ratio Lower Upper
198 100
51 64.1 53.2 93.2
105 70.5 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 46.40 ng

RT: 10.44 min Scan# 1421

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

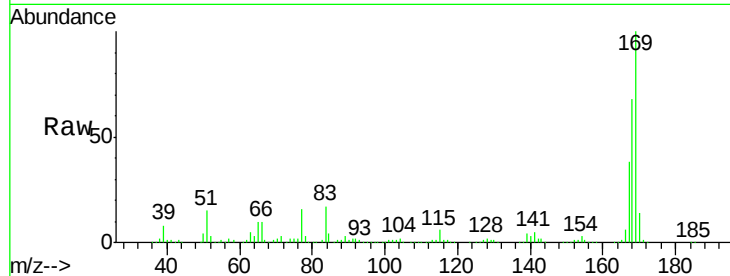
Tot Ion:169 Resp: 494975

Ion Ratio Lower Upper

169 100

168 68.2 53.2 79.8

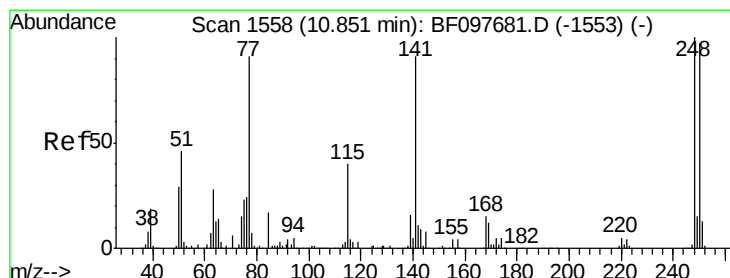
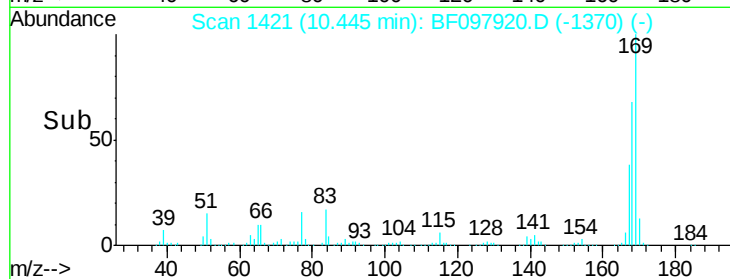
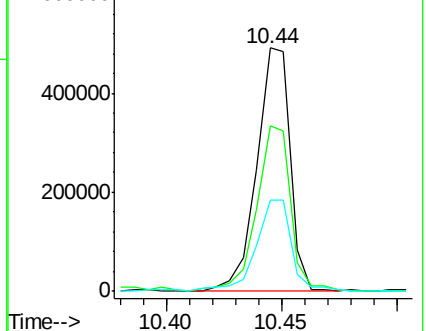
167 37.6 29.5 44.3



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: 47.01 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.00 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

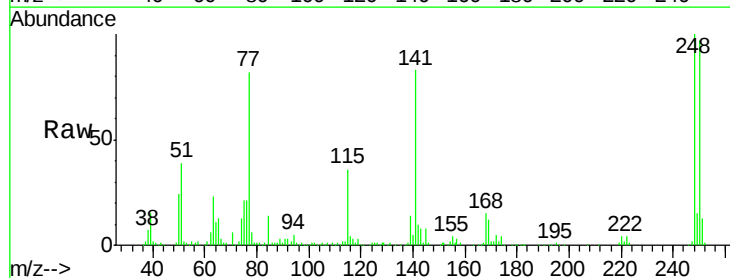
Tgt Ion:248 Resp: 152920

Ion Ratio Lower Upper

248 100

250 96.6 76.8 115.2

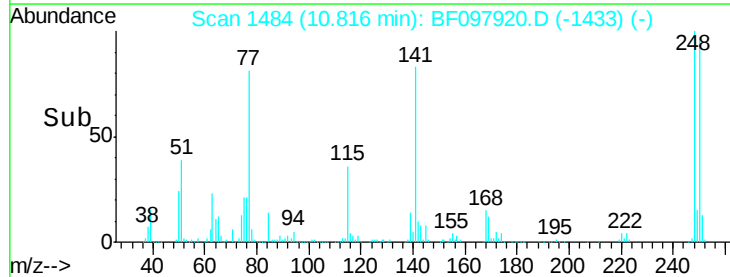
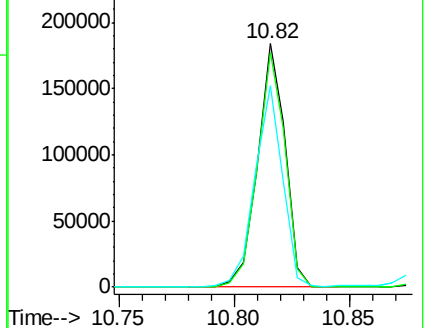
141 82.7 68.6 103.0

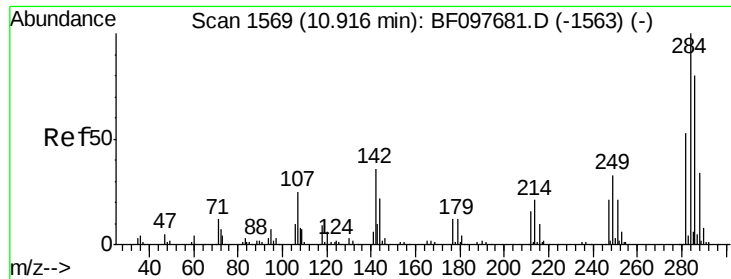


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

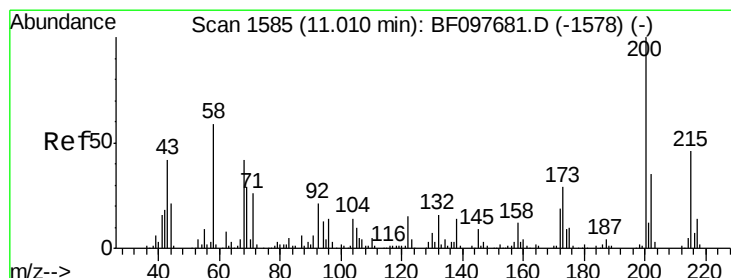
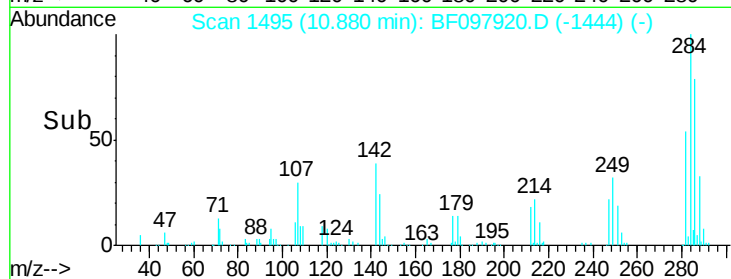
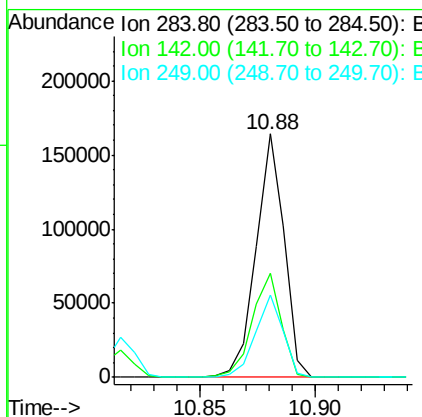
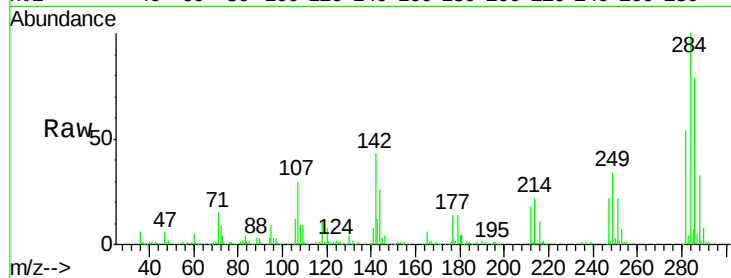




#67
Hexachlorobenzene
Concen: 42.13 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

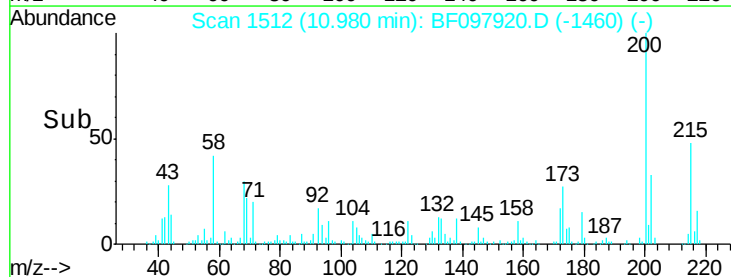
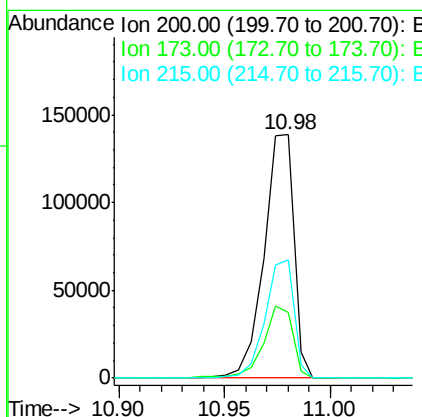
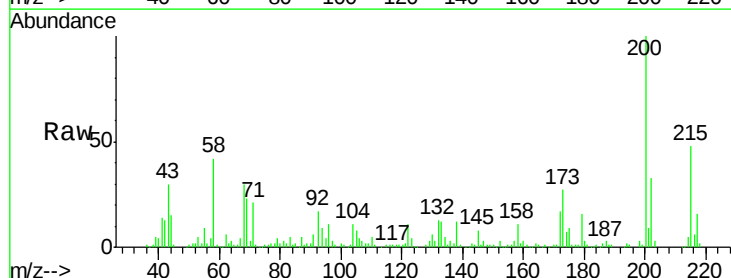
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

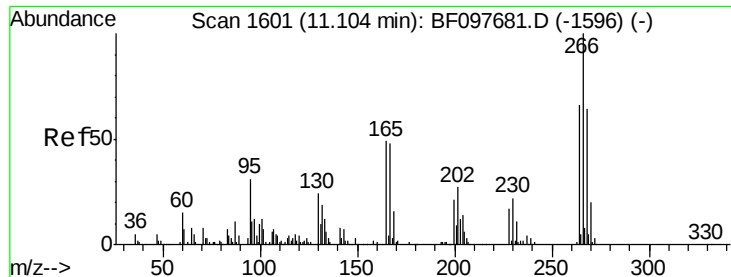
Tot Ion:284 Resp: 139694
Ion Ratio Lower Upper
284 100
142 42.7 22.8 34.2#
249 33.8 24.0 36.0



#68
Atrazine
Concen: 48.40 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:200 Resp: 136915
Ion Ratio Lower Upper
200 100
173 27.1 6.3 46.3
215 48.3 27.2 67.2

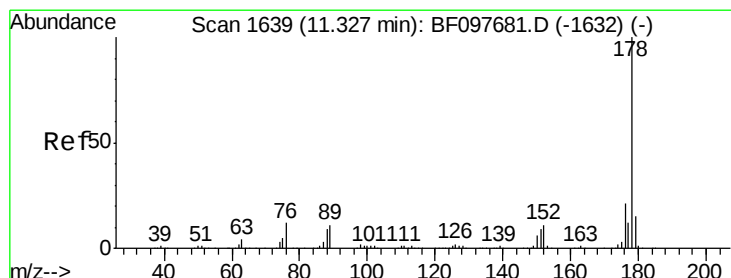
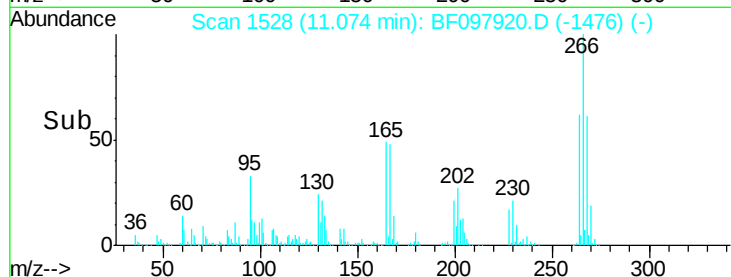
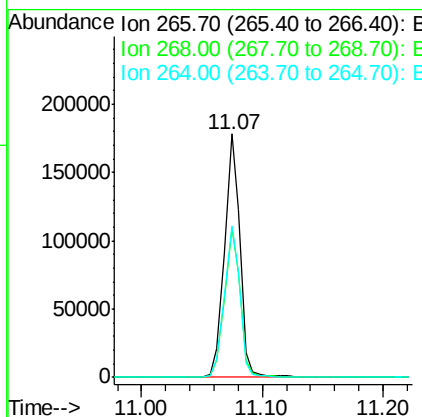
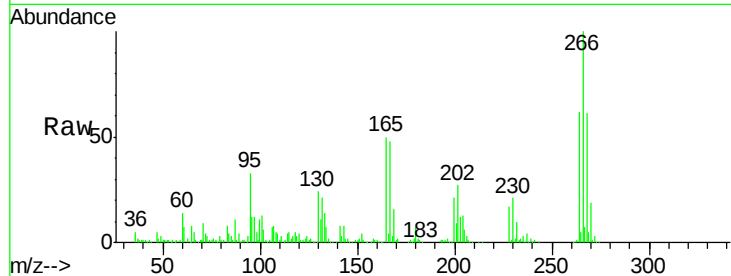




#69
 Pentachlorophenol
 Concen: 81.62 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

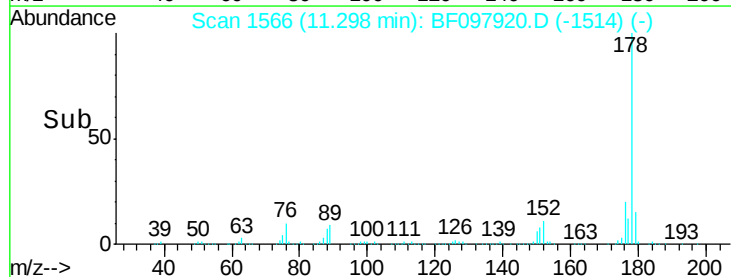
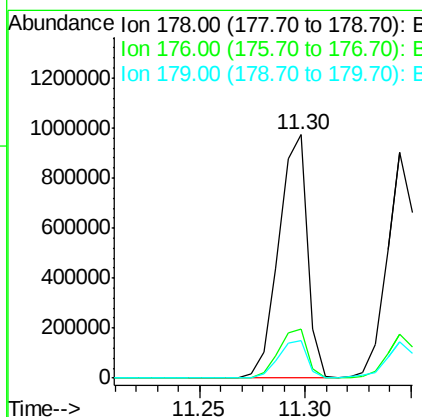
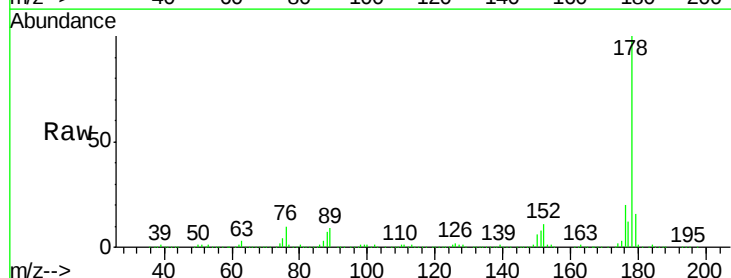
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

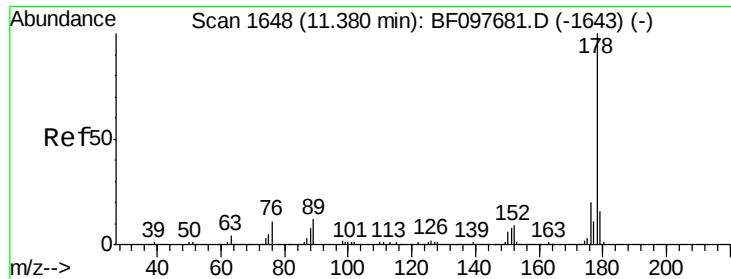
Tot Ion:266 Resp: 157789
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 62.1 51.7 77.5



#70
 Phenanthrene
 Concen: 55.41 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:178 Resp: 924932
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 15.6 12.6 19.0

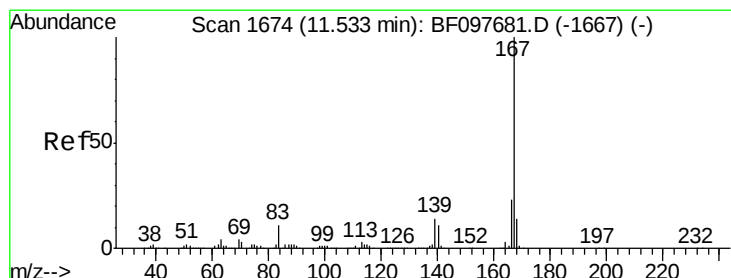
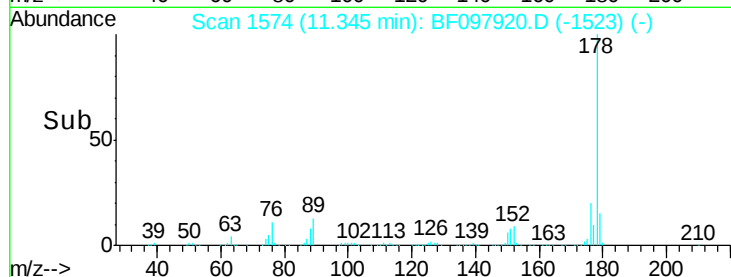
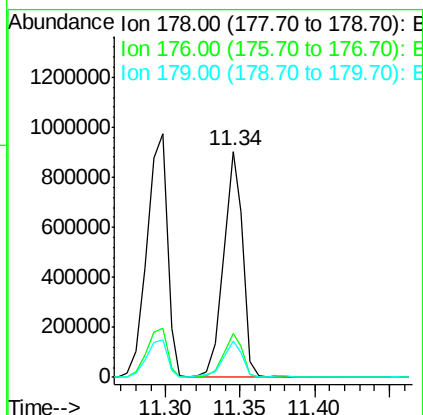
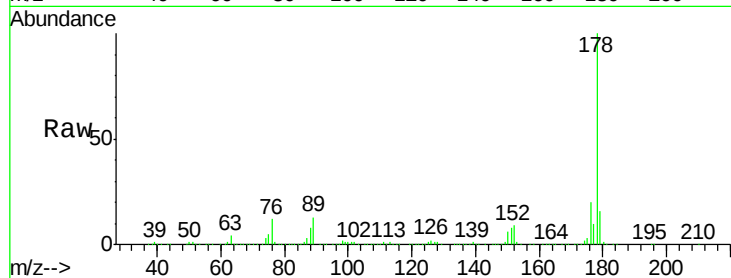




#71
 Anthracene
 Concen: 48.39 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

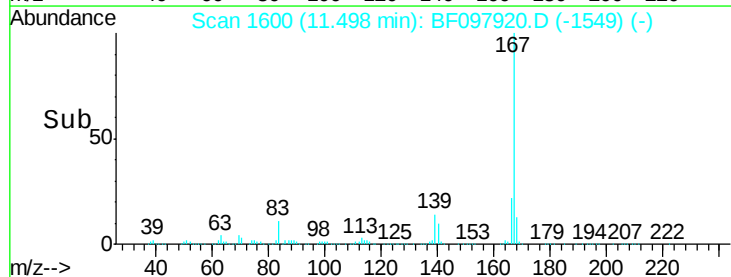
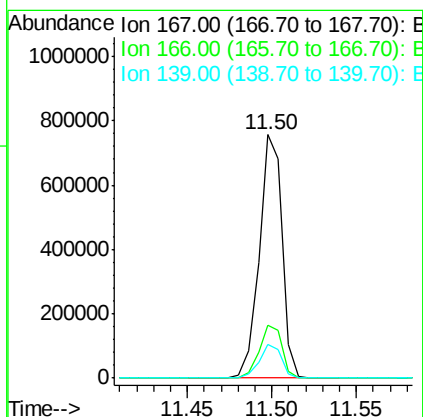
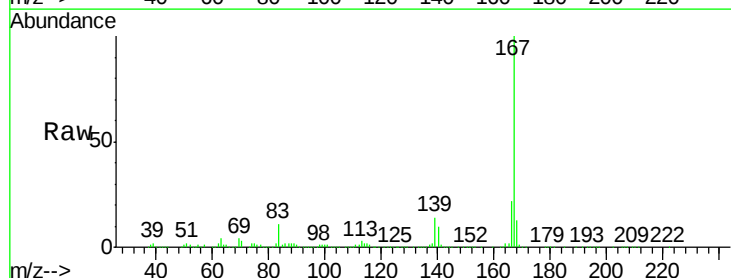
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

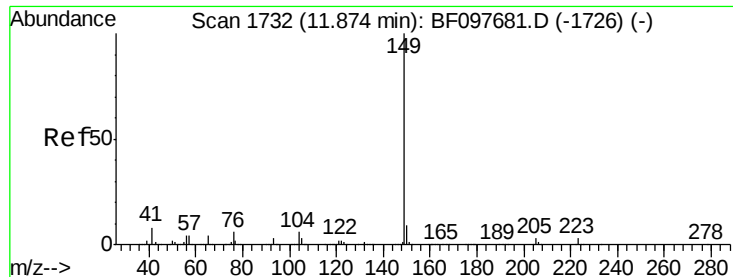
Tot Ion:178 Resp: 819255
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.9 12.7 19.1



#72
 Carbazole
 Concen: 44.09 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:167 Resp: 708565
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.8 11.7 17.5

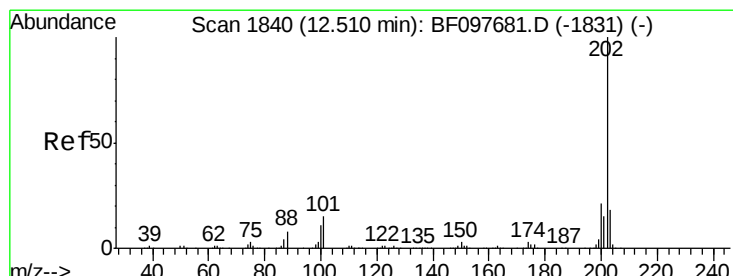
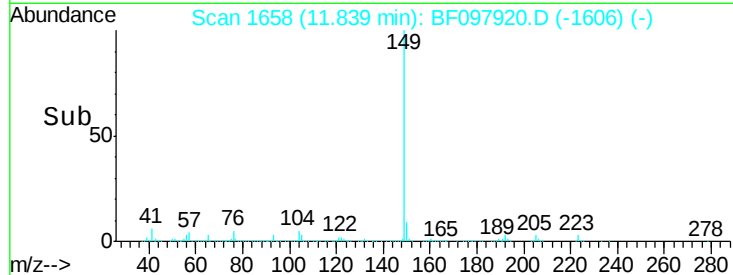
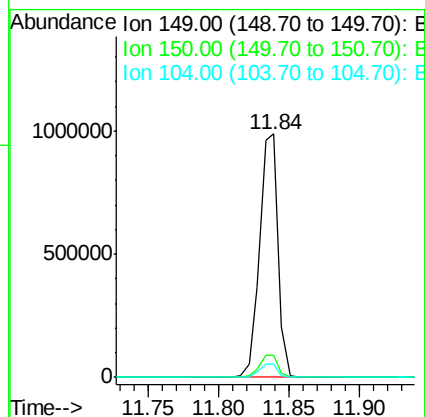
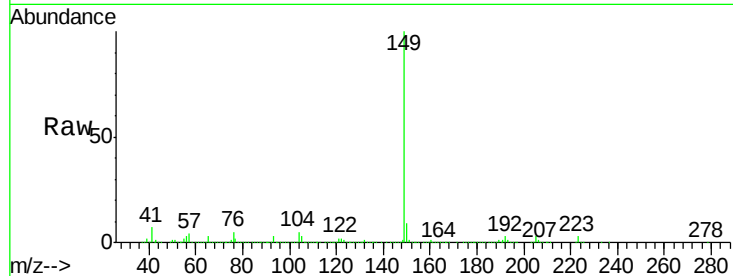




#73
Di-n-butylphthalate
Concen: 49.40 ng
RT: 11.84 min Scan# 1658
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

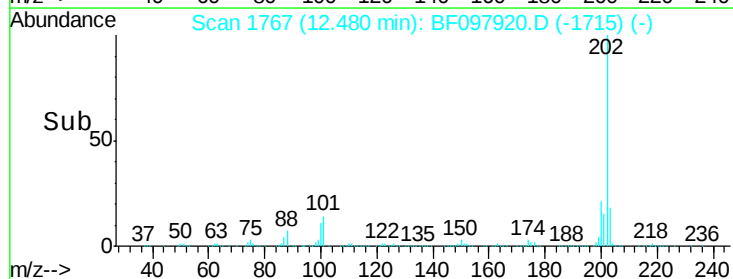
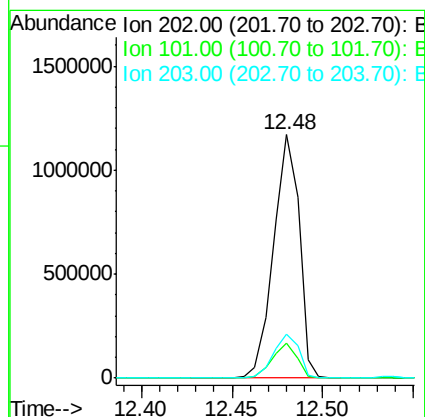
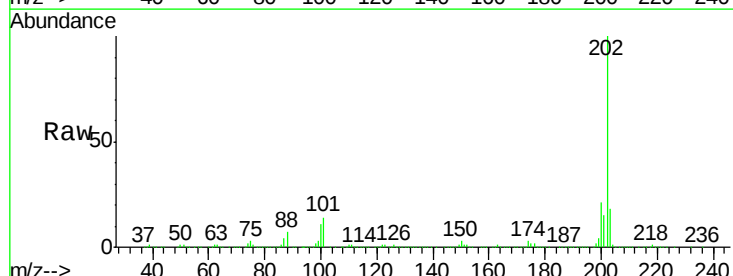
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

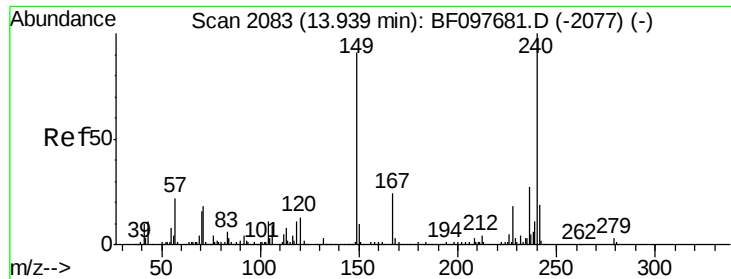
Tot Ion:149 Resp: 914441
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 5.2 4.0 6.0



#74
Fluoranthene
Concen: 65.96 ng
RT: 12.48 min Scan# 1767
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:202 Resp: 1149200
Ion Ratio Lower Upper
202 100
101 14.2 0.0 33.2
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

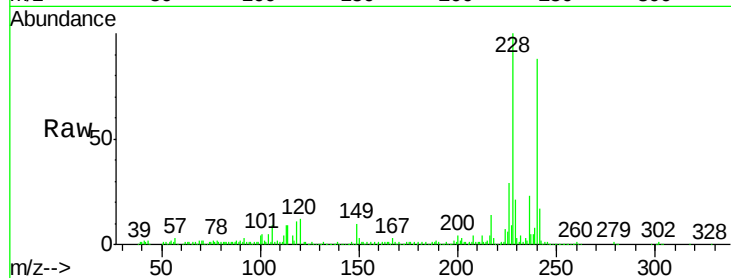
Tot Ion:240 Resp: 225742

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

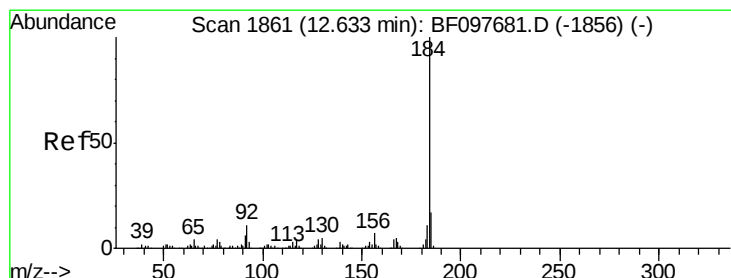
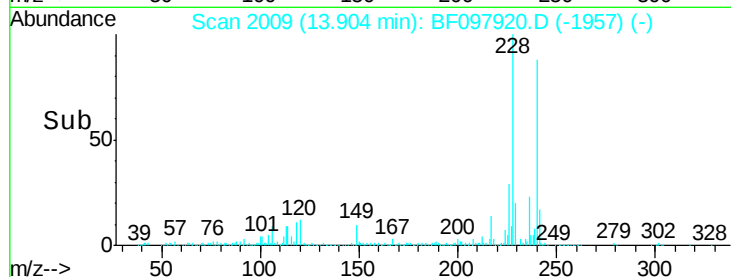
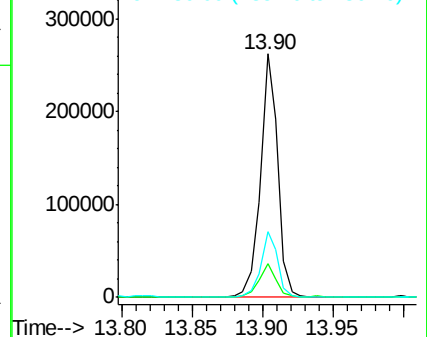
236 26.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 54.79 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

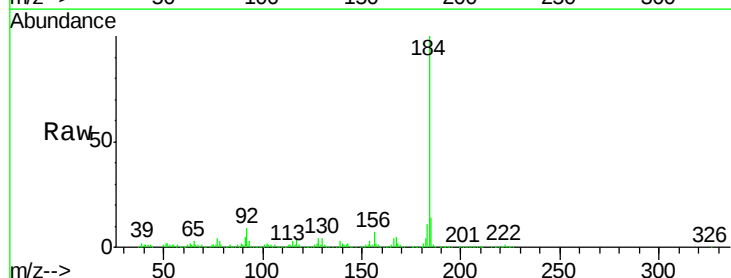
Tgt Ion:184 Resp: 405518

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

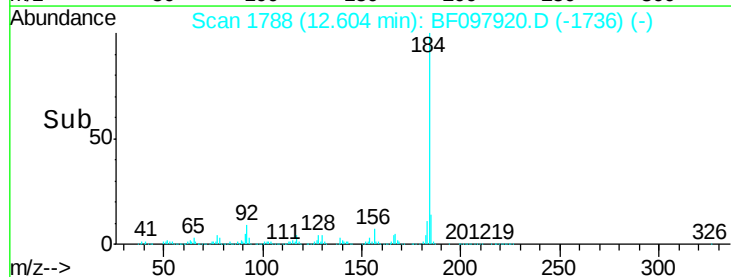
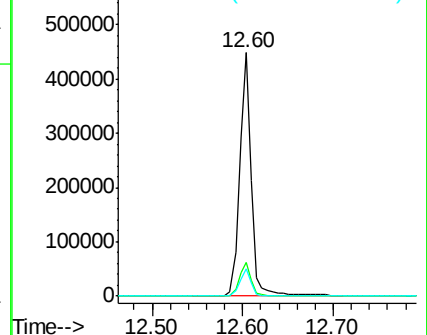
183 11.0 9.8 14.6

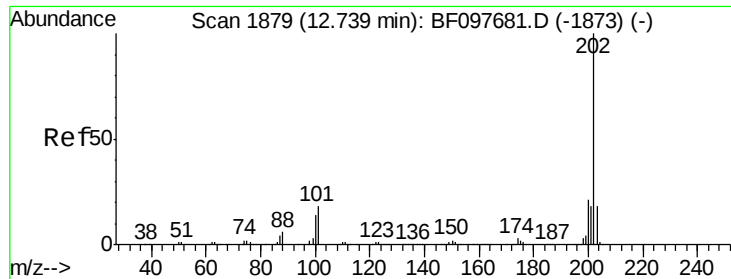


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

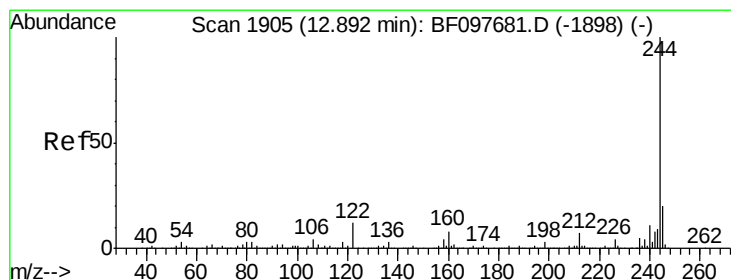
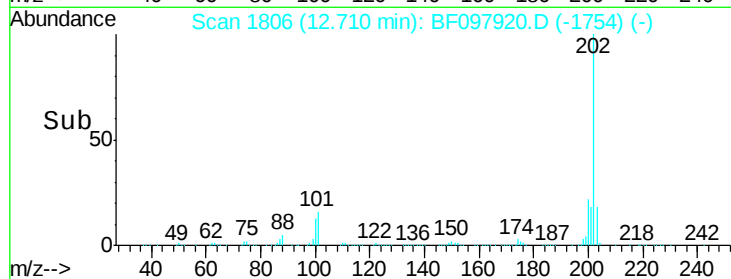
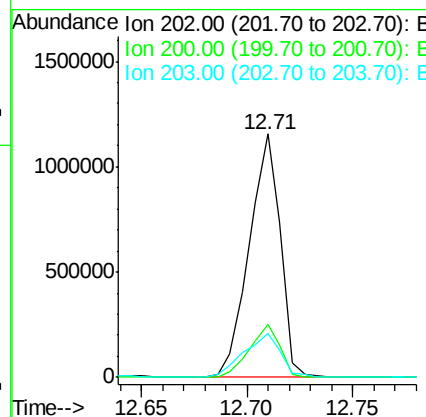
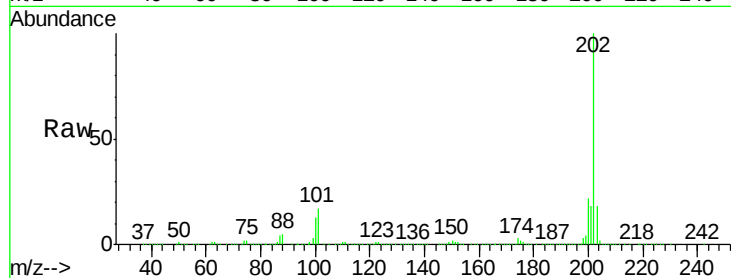




#77
Pvrene
Concen: 63.58 ng
RT: 12.71 min Scan# 1806
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

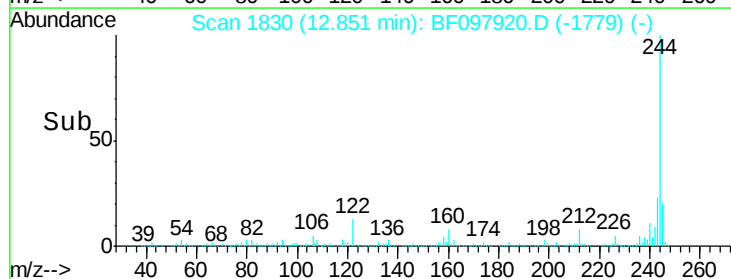
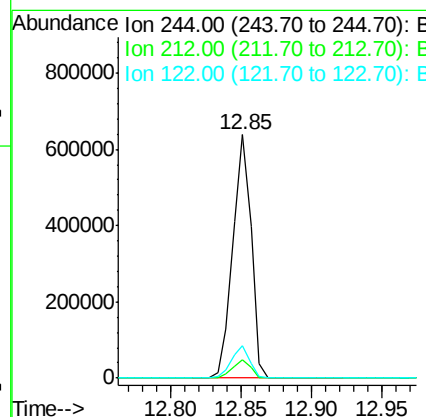
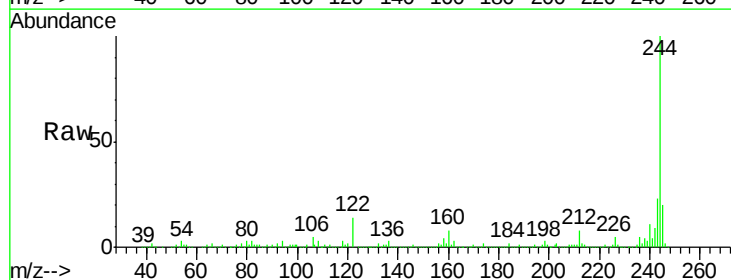
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

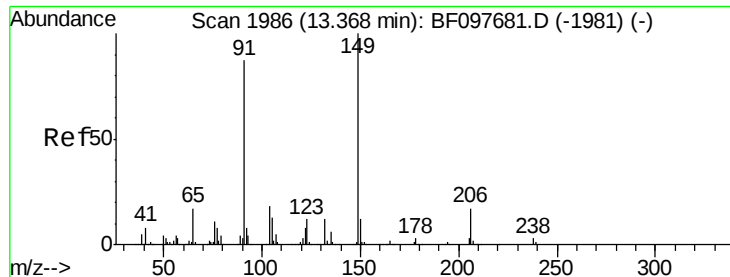
Tot Ion:202 Resp: 1173921
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 18.2 14.4 21.6



#78
Terphenyl-d14
Concen: 53.26 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:244 Resp: 576574
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 13.5 10.3 15.5





#79

Butylbenzylphthalate

Concen: 51.02 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

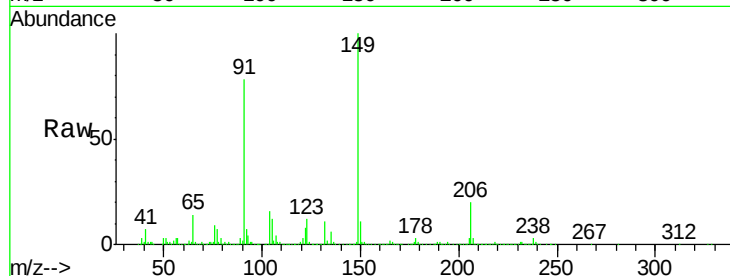
Tot Ion:149 Resp: 361130

Ion Ratio Lower Upper

149 100

91 77.7 45.0 67.4#

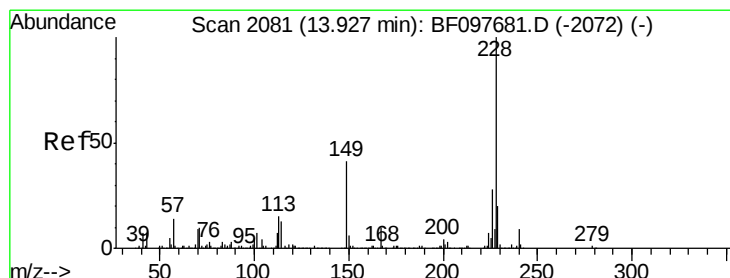
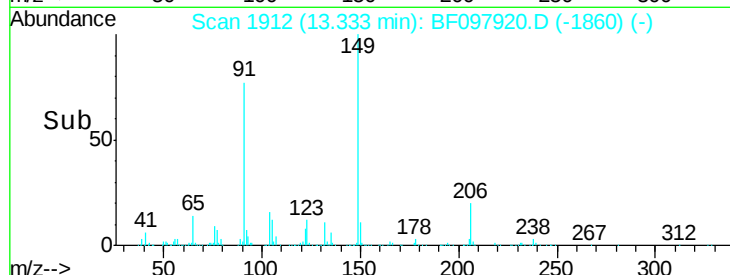
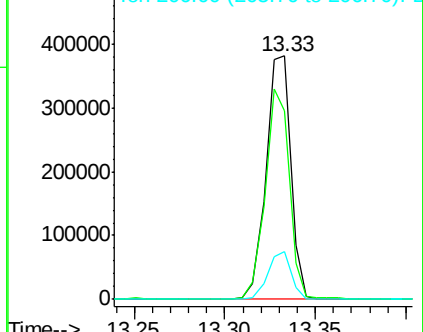
206 19.6 17.0 25.6



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: 58.26 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

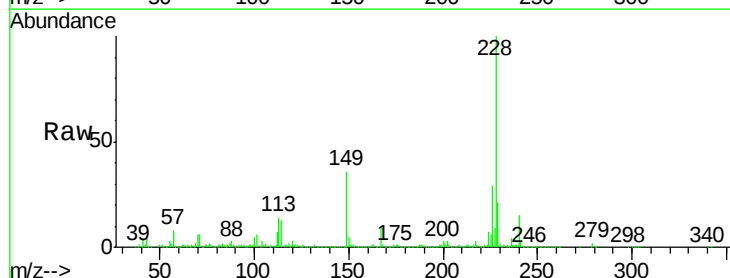
Tgt Ion:228 Resp: 788213

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

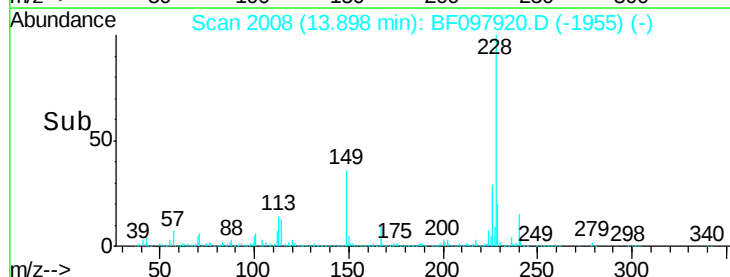
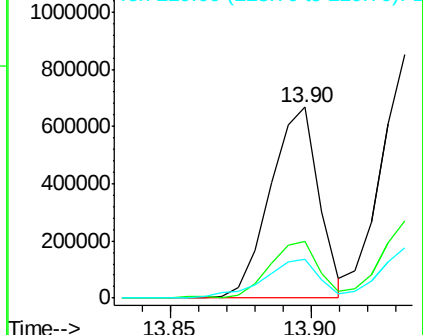
229 20.6 16.3 24.5

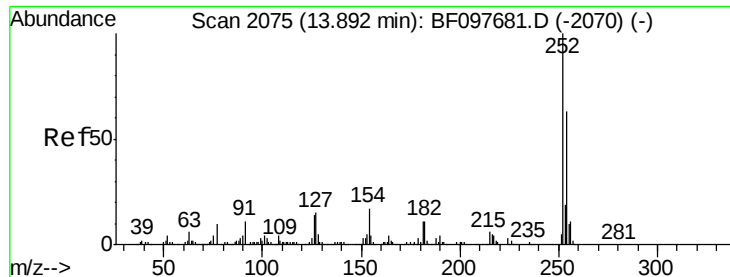


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 43.18 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

Instrument :

BNA_F

ClientSampleId :

E2-110-ESWMSD

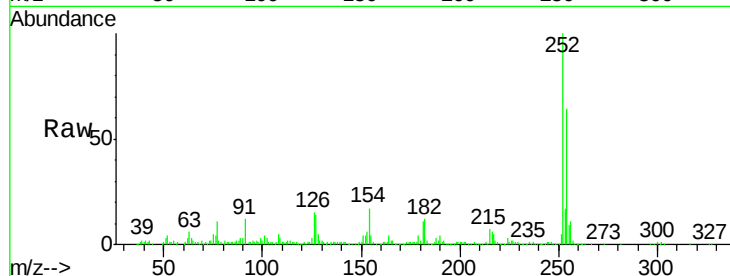
Tot Ion:252 Resp: 197154

Ion Ratio Lower Upper

252 100

254 64.2 51.5 77.3

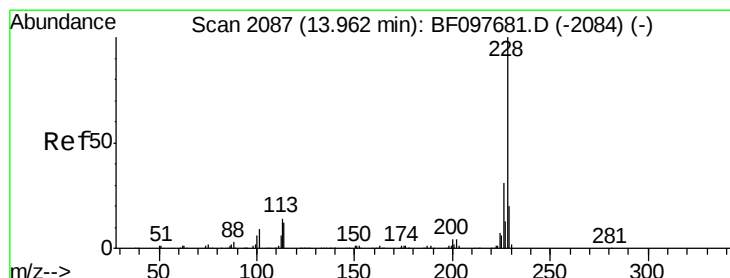
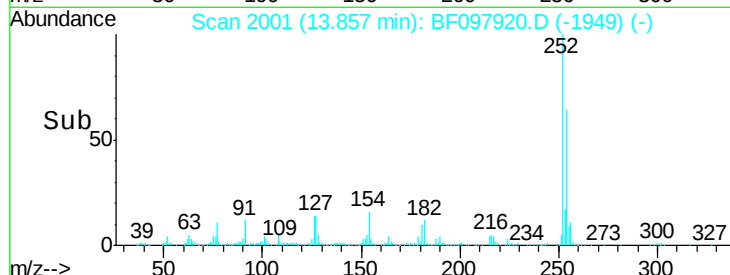
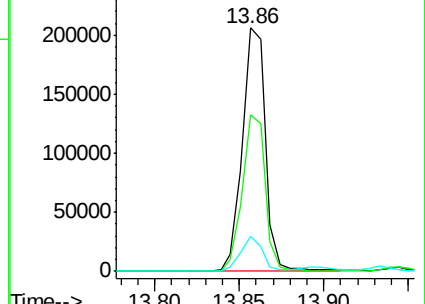
126 14.5 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 58.97 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF097920.D

Acq: 21 Aug 2017 22:10

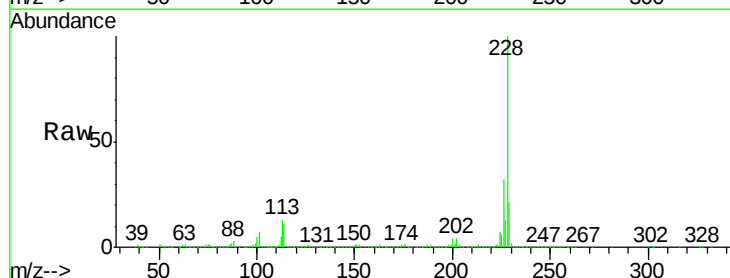
Tgt Ion:228 Resp: 793642

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

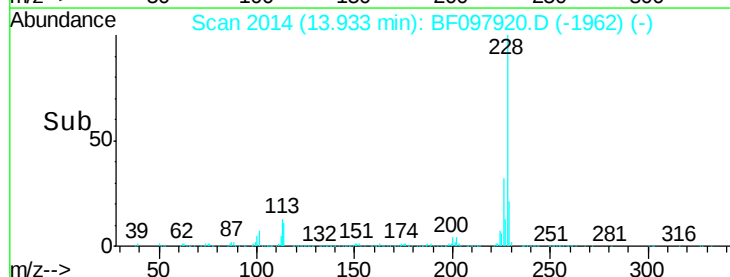
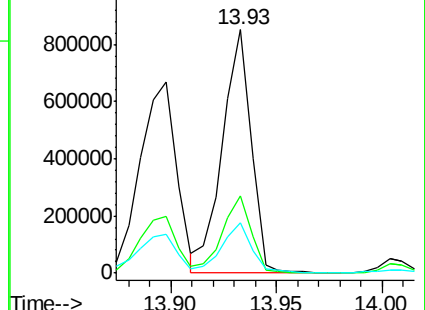
229 20.8 15.8 23.6

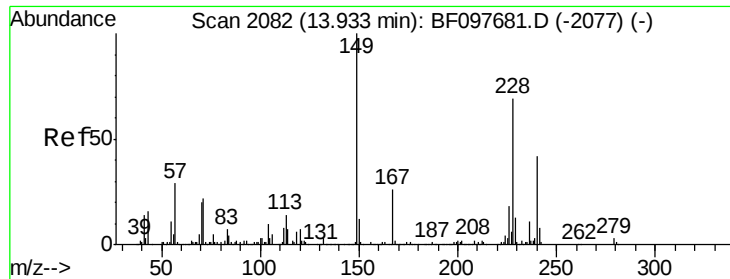


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

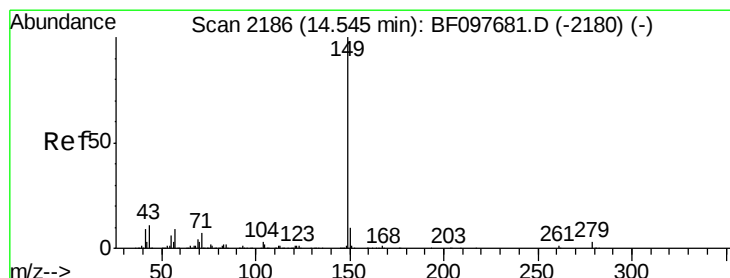
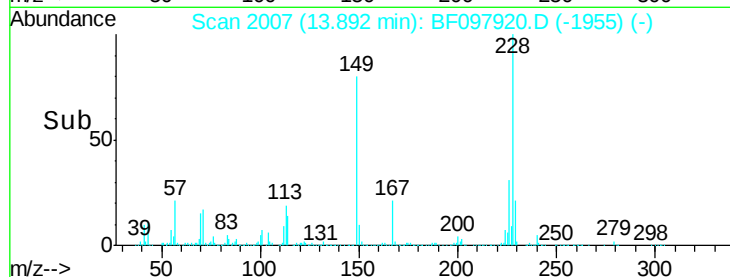
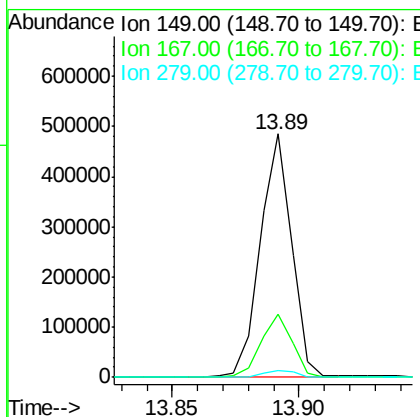
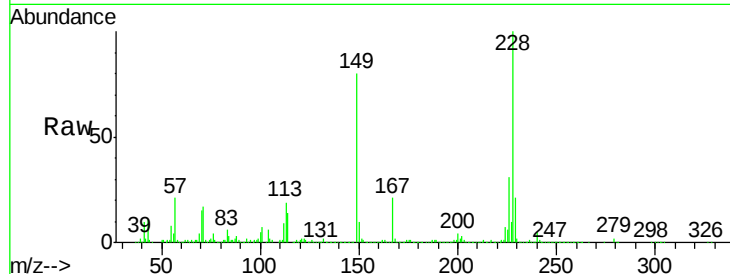




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.95 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

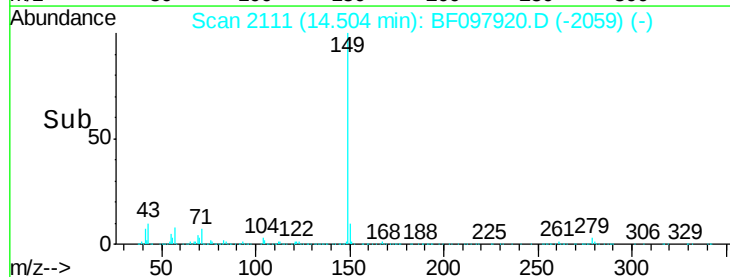
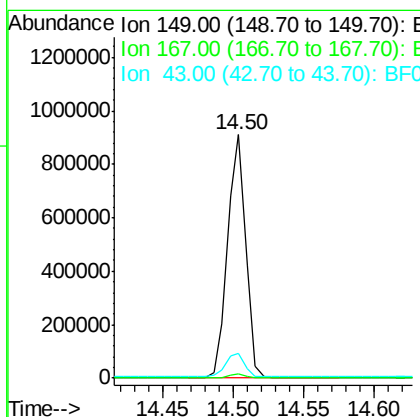
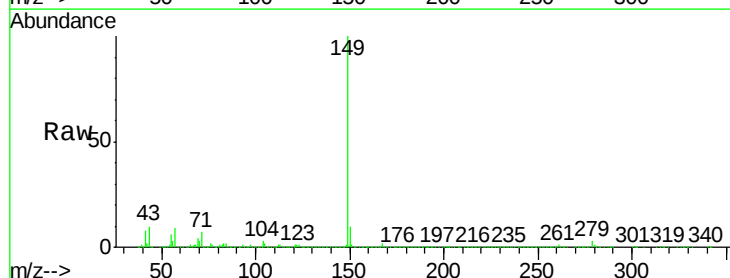
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

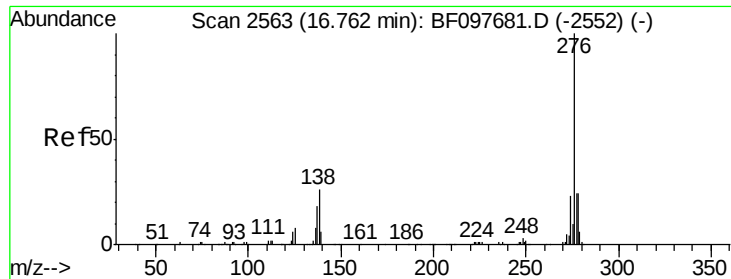
Tot Ion:149 Resp: 415311
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 59.14 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Tgt Ion:149 Resp: 807218
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.2 1.8
 43 10.1 8.5 12.7

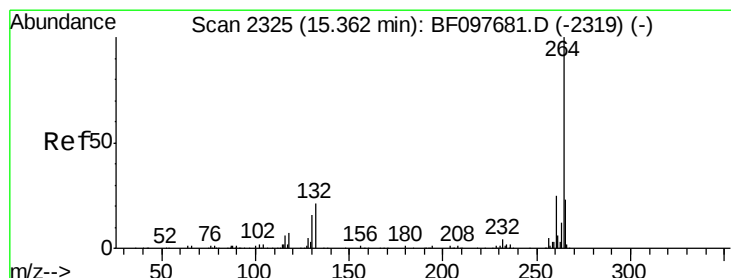
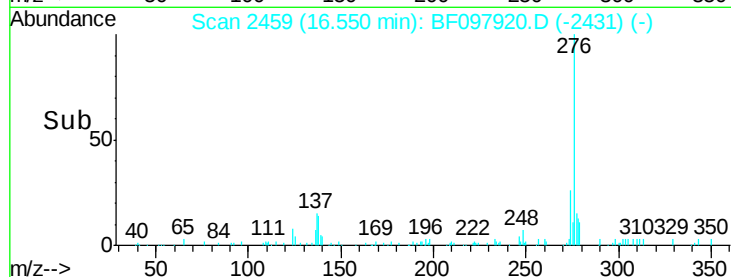
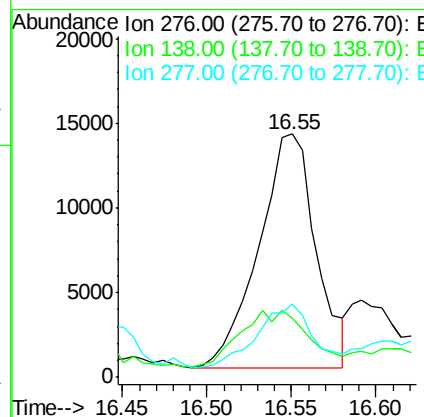
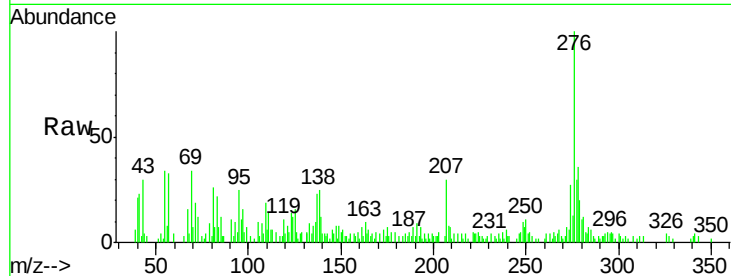




#85
Indeno(1,2,3-cd)pyrene
Concen: 3.30 ng
RT: 16.55 min Scan# 2459
Delta R.T. -0.14 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

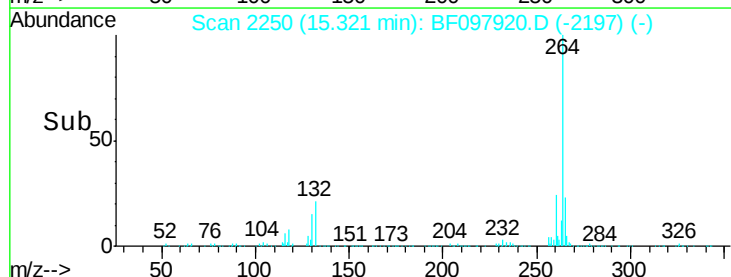
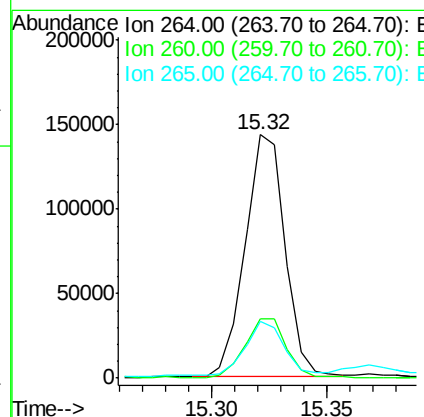
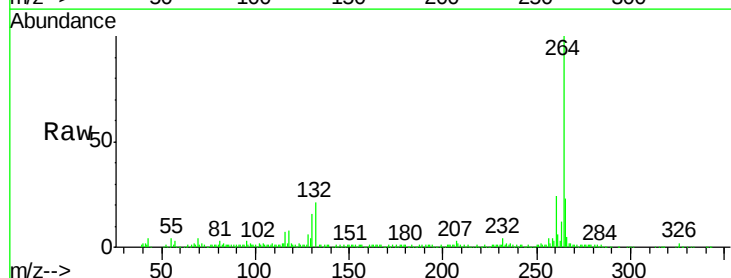
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

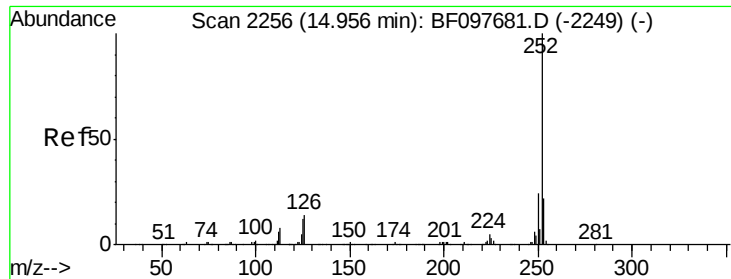
Tot Ion:276 Resp: 32671
Ion Ratio Lower Upper
276 100
138 28.8 27.8 41.6
277 27.6 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion:264 Resp: 173565
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 23.1 17.2 25.8

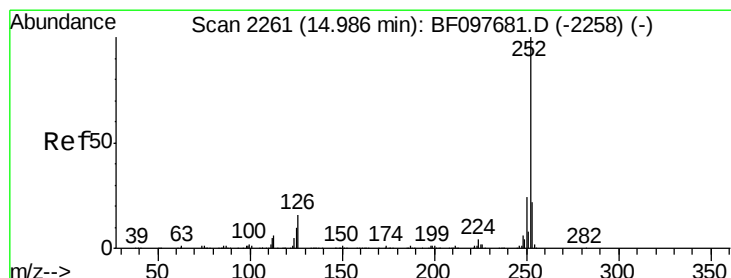
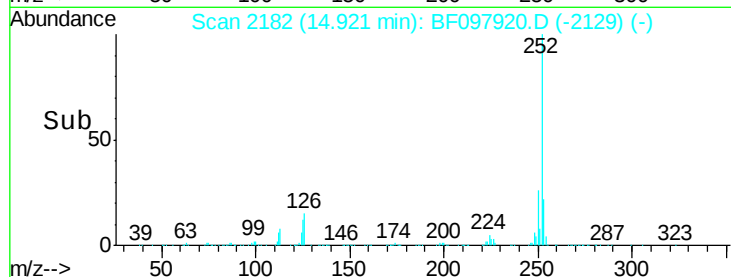
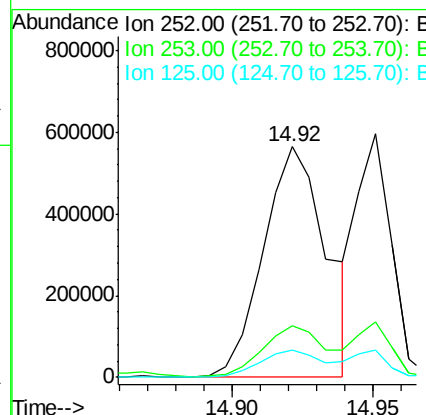
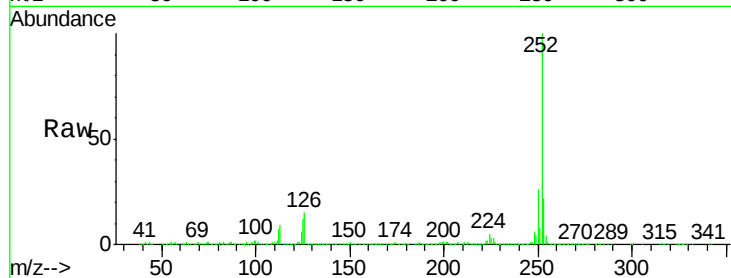




#87
Benzo(b)fluoranthene
Concen: 79.52 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

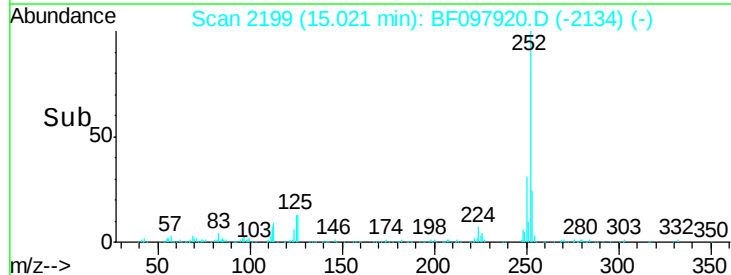
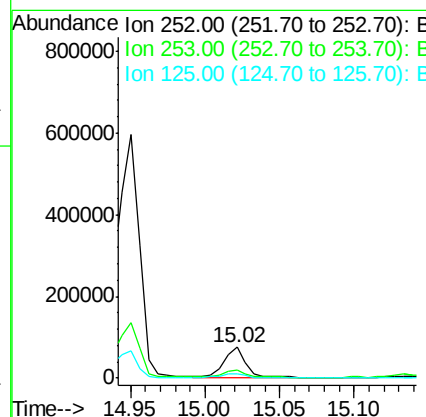
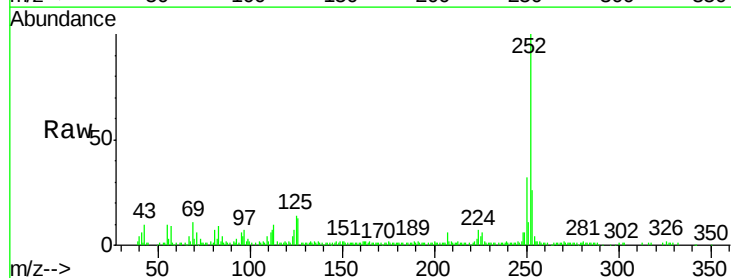
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

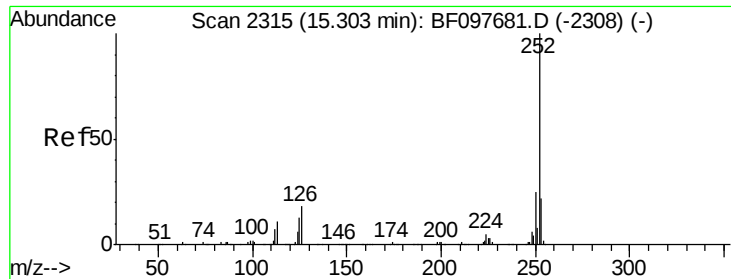
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	11.9	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 7.47 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.08 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.4	27.6
125	14.4	13.1	19.7

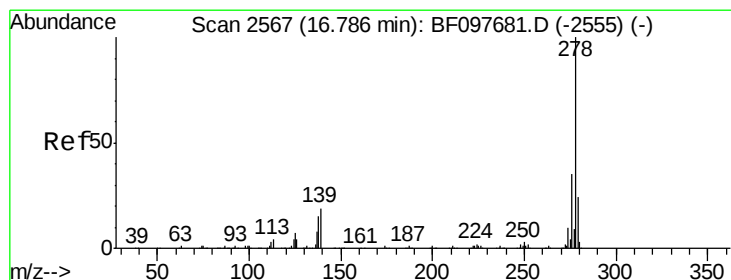
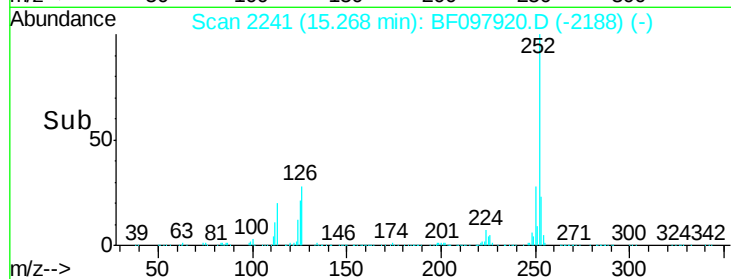
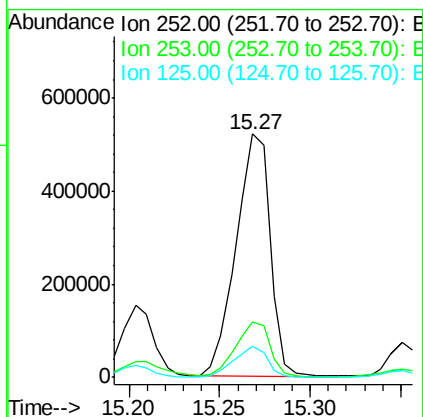
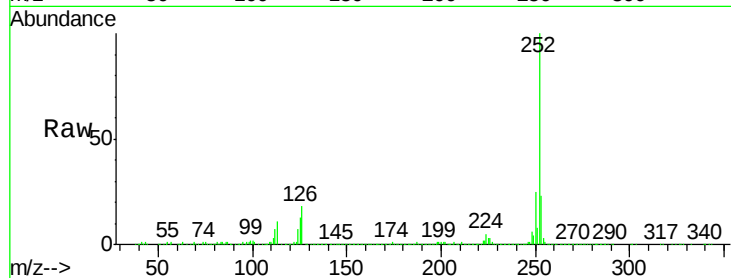




#89
Benzo(a)pyrene
Concen: 70.60 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

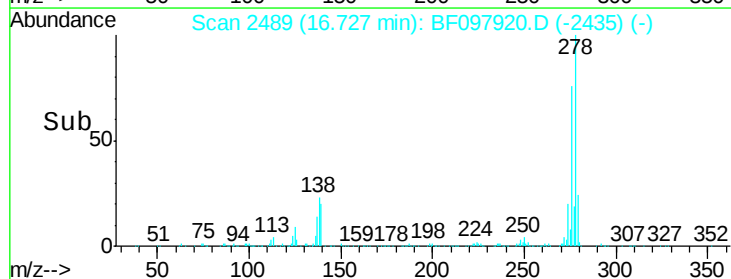
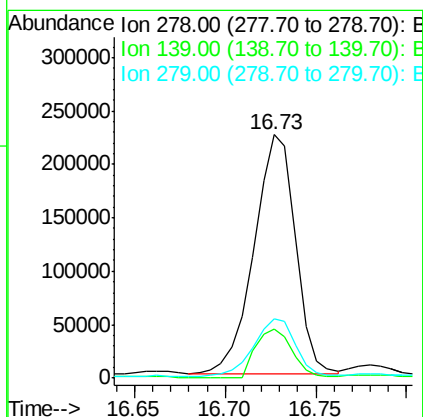
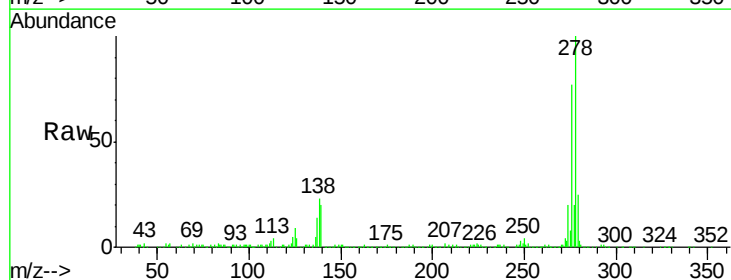
Instrument :
BNA_F
ClientSampleId :
E2-110-ESWMSD

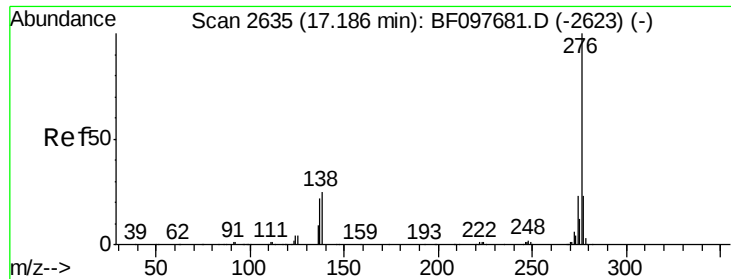
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.8	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 45.13 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097920.D
Acq: 21 Aug 2017 22:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.6	24.8
279	24.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 61.79 ng
 RT: 17.13 min Scan# 2558
 Delta R.T. 0.02 min
 Lab File: BF097920.D
 Acq: 21 Aug 2017 22:10

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESWMSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	25.1	25.4	38.0

