

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097848.D
 Acq On : 18 Aug 2017 22:28
 Operator : SJ/JU
 Sample : I4811-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Quant Time: Aug 19 00:15:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	120212	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	476850	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	215631	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	430226	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	355014	20.00	ng	0.00
86) Perylene-d12	15.36	264	302677	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	957577	121.16	ng	0.00
7) Phenol-d6	6.41	99	1307197	121.74	ng	0.00
23) Nitrobenzene-d5	7.34	82	822818	93.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	253892	135.70	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1172468	79.89	ng	-0.01
78) Terphenyl-d14	12.88	244	1082446	63.58	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	145071	32.91	ng	91
3) Pyridine	3.19	79	396972	32.58	ng	87
4) n-Nitrosodimethylamine	3.15	42	181442	38.70	ng	86
6) Aniline	6.43	93	484807	32.14	ng	99
8) 2-Chlorophenol	6.56	128	339548	40.74	ng	94
9) Benzaldehyde	6.32	77	140038	20.59	ng	87
10) Phenol	6.42	94	499335	39.76	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	386780	40.80	ng	95
12) 1,3-Dichlorobenzene	6.72	146	334161	37.27	ng	# 95
13) 1,4-Dichlorobenzene	6.79	146	340998	37.40	ng	95
14) 1,2-Dichlorobenzene	6.95	146	316181	37.61	ng	99
15) Benzyl Alcohol	6.92	79	356544	44.35	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	502706	39.42	ng	92
17) 2-Methylphenol	7.03	107	310697	42.30	ng	95
18) Hexachloroethane	7.29	117	137132	38.36	ng	# 81
19) n-Nitroso-di-n-propylamine	7.19	70	278714	37.92	ng	90
20) 3+4-Methylphenols	7.18	107	368244	41.05	ng	98
22) Acetophenone	7.19	105	497637	39.50	ng	# 89
24) Nitrobenzene	7.36	77	444369	45.47	ng	92
25) Isophorone	7.60	82	794352	43.52	ng	97
26) 2-Nitrophenol	7.67	139	169744	47.94	ng	# 80
27) 2,4-Dimethylphenol	7.71	122	299565	39.35	ng	93
28) bis(2-Chloroethoxy)methane	7.81	93	489206	40.77	ng	98
29) 2,4-Dichlorophenol	7.91	162	272321	43.10	ng	91
30) 1,2,4-Trichlorobenzene	8.00	180	272044	38.84	ng	100
31) Naphthalene	8.08	128	967887	39.10	ng	99
32) Benzoic acid	7.71	122	299565	53.21	ng	# 18
33) 4-Chloroaniline	8.13	127	332928	31.89	ng	99
34) Hexachlorobutadiene	8.20	225	152554	37.30	ng	98
35) Caprolactam	8.49	113	45602	21.23	ng	89
36) 4-Chloro-3-methylphenol	8.61	107	344142	42.39	ng	# 78
37) 2-Methylnaphthalene	8.77	142	632836	41.70	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	252723	38.19	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	284248	89.41	ng	99

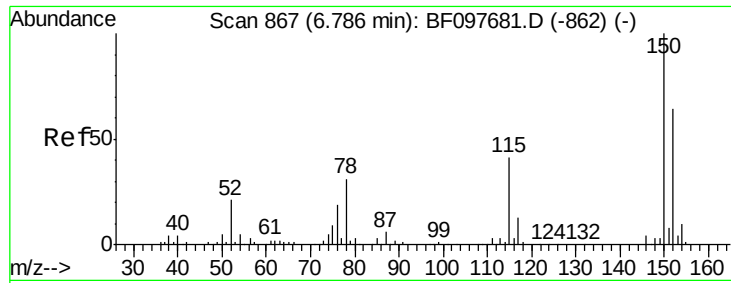
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	184665	41.56	nq	98
43) 2,4,5-Trichlorophenol	9.09	196	195944	44.45	nq	96
45) 1,1'-Biphenyl	9.23	154	745665	37.92	nq	97
46) 2-Chloronaphthalene	9.26	162	554511	38.17	nq	# 92
47) 2-Nitroaniline	9.35	65	237400	48.74	nq	93
48) Acenaphthylene	9.67	152	917350	40.21	nq	99
49) Dimethylphthalate	9.54	163	814155	51.65	nq	99
50) 2,6-Dinitrotoluene	9.60	165	145067	46.11	nq	# 56
51) Acenaphthene	9.85	154	576104	40.04	nq	99
52) 3-Nitroaniline	9.76	138	159487	39.29	nq	80
53) 2,4-Dinitrophenol	9.87	184	53298	41.24	nq	# 76
54) Dibenzofuran	10.02	168	818617	42.45	nq	99
55) 4-Nitrophenol	9.93	139	274876	84.89	nq	# 34
56) 2,4-Dinitrotoluene	10.00	165	198048	50.16	nq	# 51
57) Fluorene	10.36	166	593210	39.79	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.13	232	160033	46.90	nq	96
59) Diethylphthalate	10.24	149	691217	41.94	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	270918	39.11	nq	90
61) 4-Nitroaniline	10.38	138	177561	46.02	nq	# 69
62) Azobenzene	10.51	77	856550	43.75	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	80550	41.16	nq	91
65) n-Nitrosodiphenylamine	10.47	169	563205	38.44	nq	97
66) 4-Bromophenyl-phenylether	10.84	248	174757	39.12	nq	99
67) Hexachlorobenzene	10.90	284	169060	37.13	nq	# 84
68) Atrazine	11.00	200	174083	44.81	nq	99
69) Pentachlorophenol	11.10	266	189315	71.30	nq	99
70) Phenanthrene	11.32	178	907146	39.57	nq	99
71) Anthracene	11.37	178	947196	40.74	nq	99
72) Carbazole	11.53	167	914480	41.43	nq	98
73) Di-n-butylphthalate	11.86	149	1068674	42.03	nq	99
74) Fluoranthene	12.50	202	999709	41.78	nq	99
76) Benzidine	12.63	184	315937	27.14	nq	# 90
77) Pyrene	12.73	202	1039620	35.80	nq	99
79) Butylbenzylphthalate	13.36	149	475029	42.67	nq	# 72
80) Benzo(a)anthracene	13.92	228	804444	37.81	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	260371	36.26	nq	# 96
82) Chrysene	13.96	228	813882	38.45	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	548357	44.45	nq	# 99
84) Di-n-octyl phthalate	14.53	149	1076839	50.17	nq	99
85) Indeno(1,2,3-cd)pyrene	16.76	276	688939	44.25	nq	94
87) Benzo(b)fluoranthene	14.95	252	774715	40.61	nq	98
88) Benzo(k)fluoranthene	14.98	252	693588	38.69	nq	# 93
89) Benzo(a)pyrene	15.30	252	701092	41.51	nq	99
90) Dibenzo(a,h)anthracene	16.77	278	567285	41.26	nq	99
91) Benzo(g,h,i)perylene	17.18	276	586848	40.90	nq	93

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

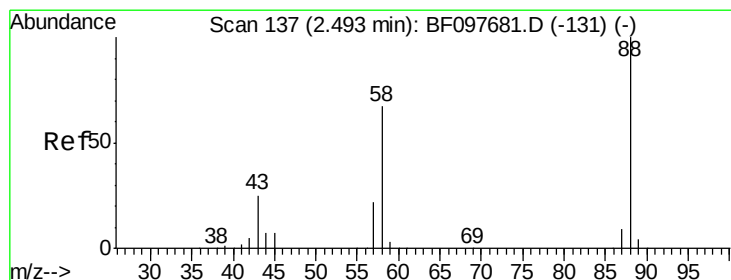
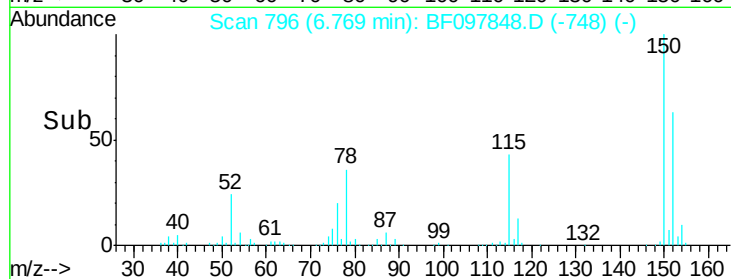
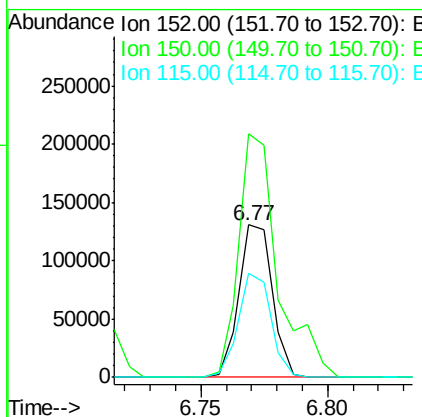
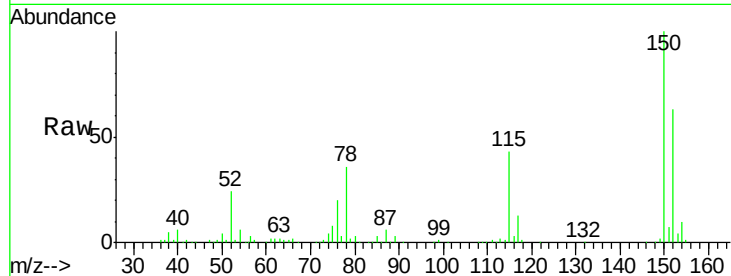


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

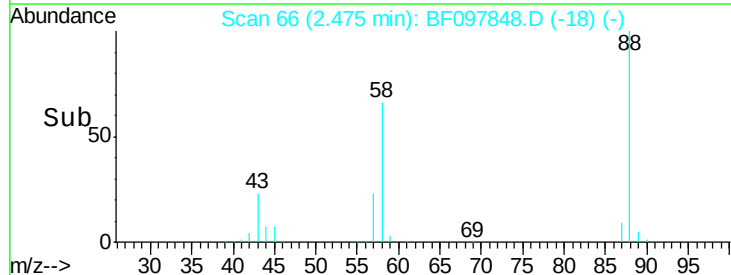
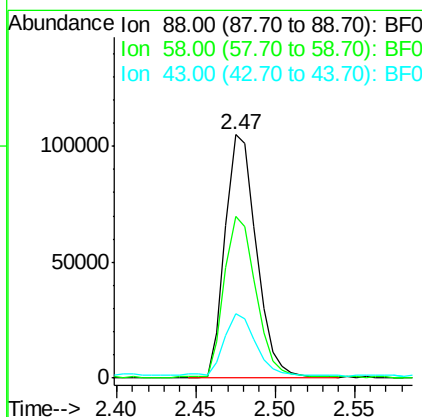
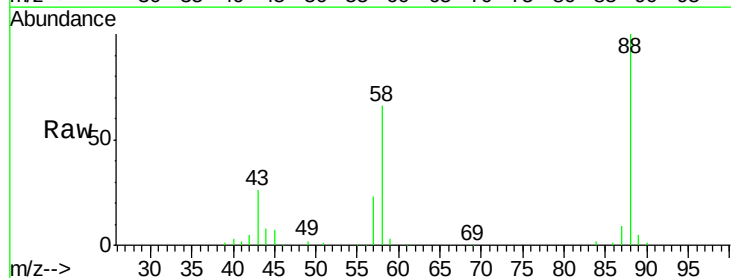
Tot Ion:152 Resp: 120212
Ion Ratio Lower Upper
152 100
150 159.7 126.2 189.2
115 68.6 52.2 78.2

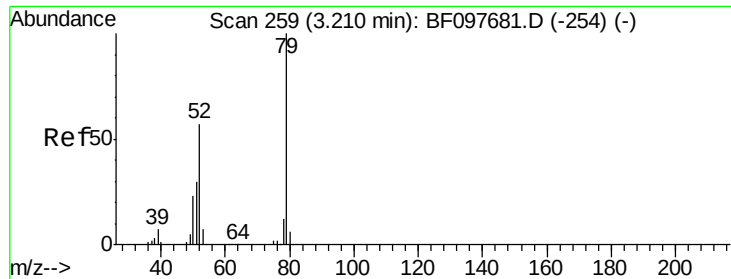


#2

1,4-Dioxane
Concen: 32.91 ng
RT: 2.47 min Scan# 66
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion: 88 Resp: 145071
Ion Ratio Lower Upper
88 100
58 68.5 61.4 92.0
43 25.1 23.4 35.0





#3

Pvrindine

Concen: 32.58 ng

RT: 3.19 min Scan# 188

Delta R.T. -0.02 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

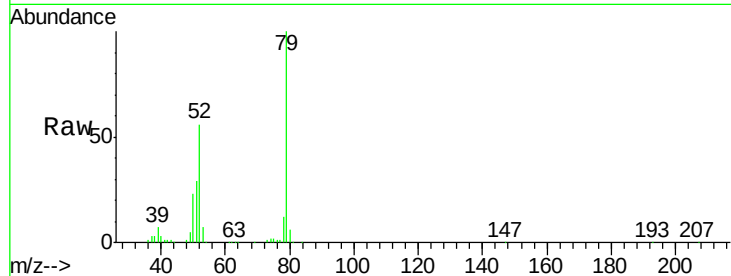
Tot Ion: 79 Resp: 396972

Ion Ratio Lower Upper

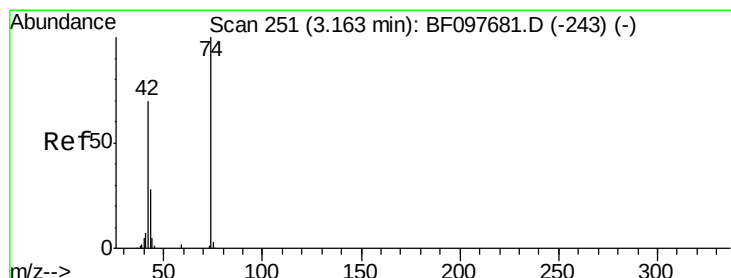
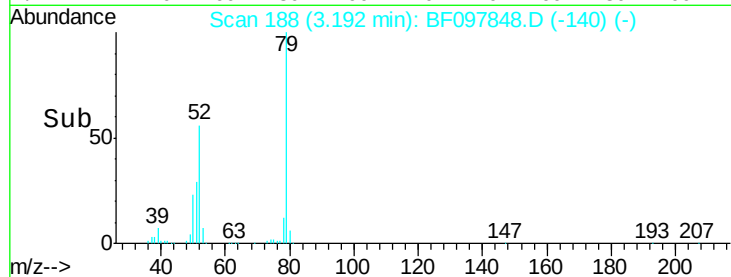
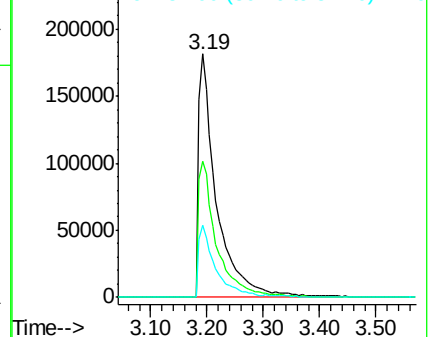
79 100

52 55.8 54.8 82.2

51 29.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.70 ng

RT: 3.15 min Scan# 180

Delta R.T. -0.02 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

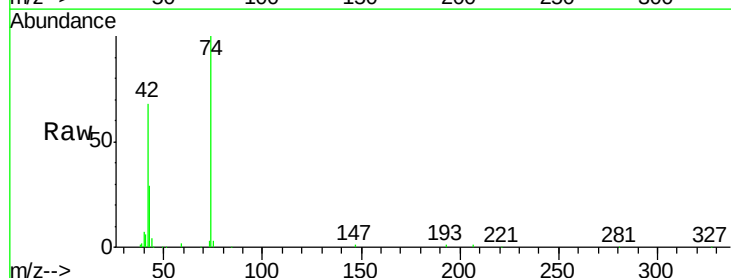
Tgt Ion: 42 Resp: 181442

Ion Ratio Lower Upper

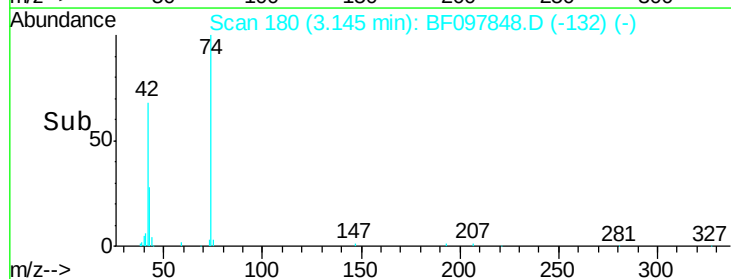
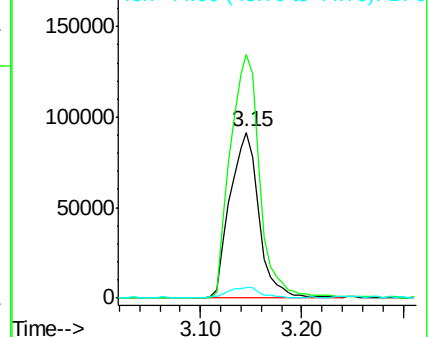
42 100

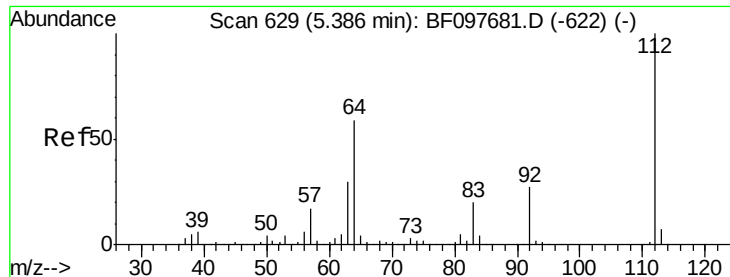
74 146.7 103.9 155.9

44 6.5 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 121.16 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

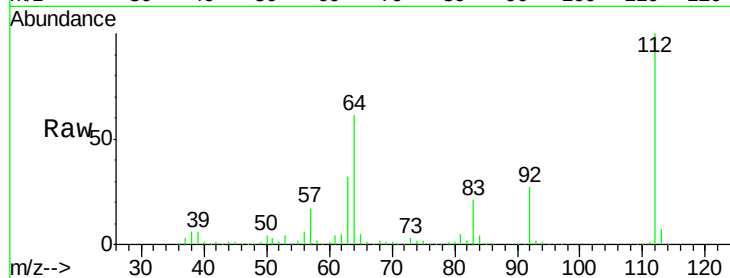
Tot Ion:112 Resp: 957577

Ion Ratio Lower Upper

112 100

64 60.8 46.0 69.0

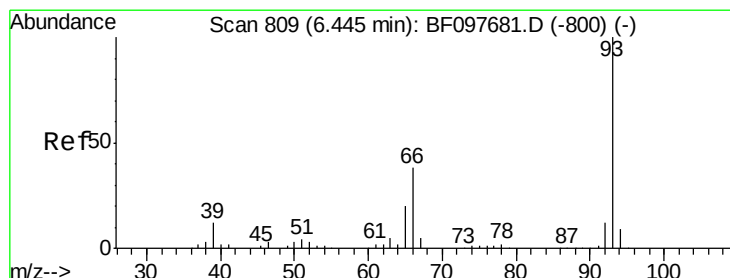
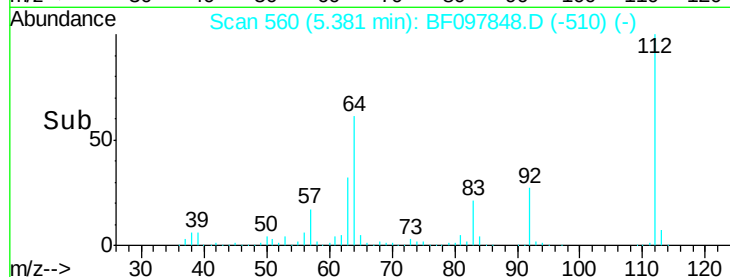
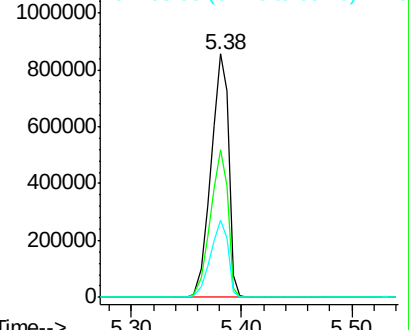
63 31.9 23.4 35.0



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: 32.14 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

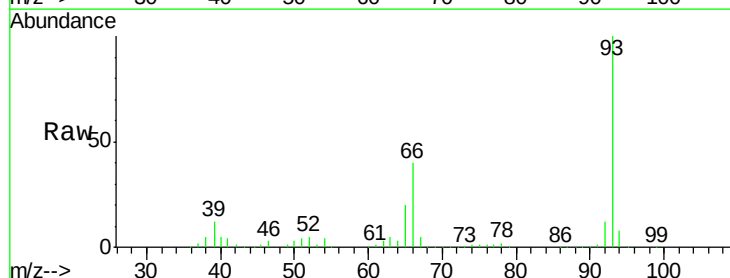
Tgt Ion: 93 Resp: 484807

Ion Ratio Lower Upper

93 100

66 40.4 32.9 49.3

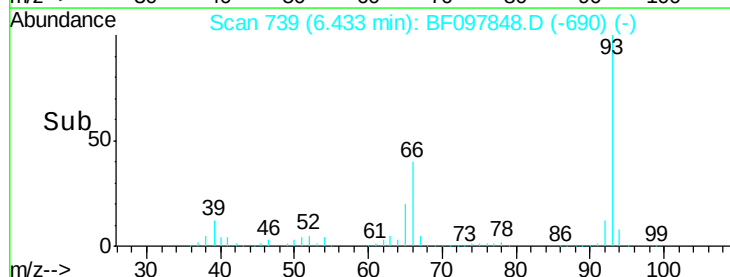
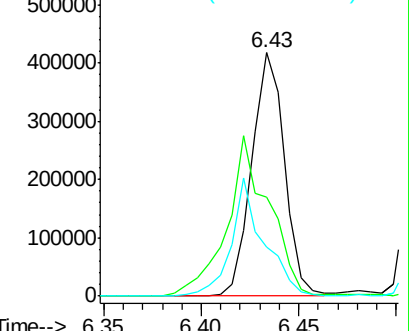
65 20.1 16.0 24.0

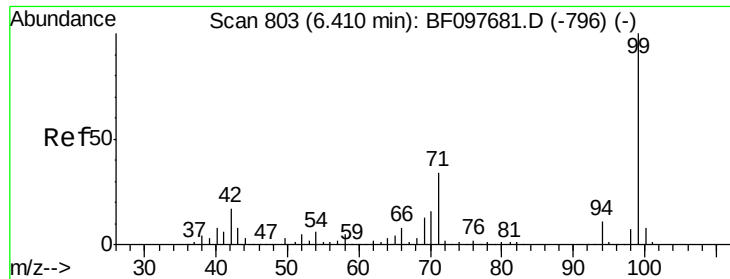


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.74 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

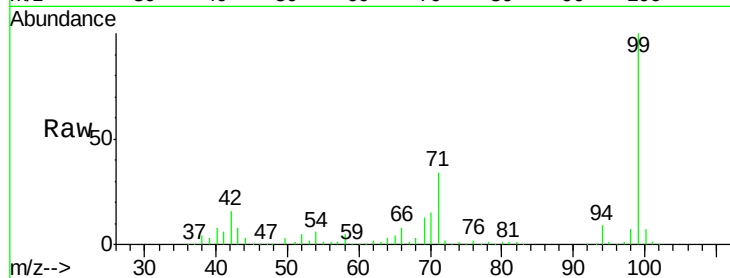
Tot Ion: 99 Resp: 1307197

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	33.5	24.5	36.7

99 100

42 15.9 13.5 20.3

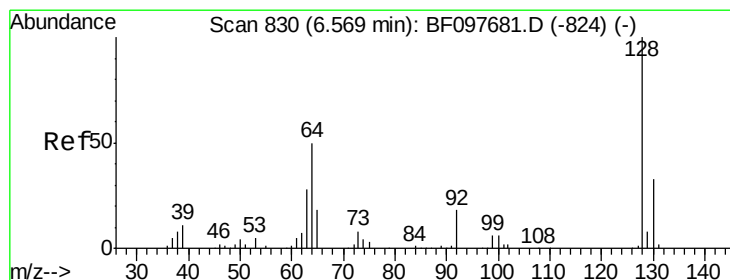
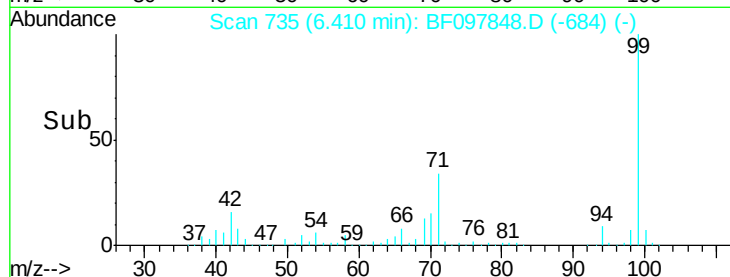
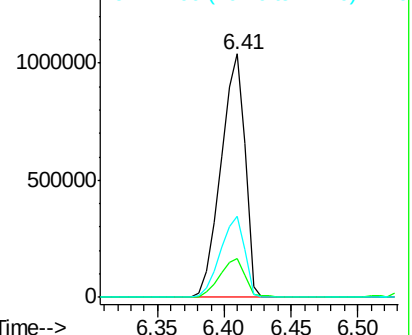
71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.74 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.01 min

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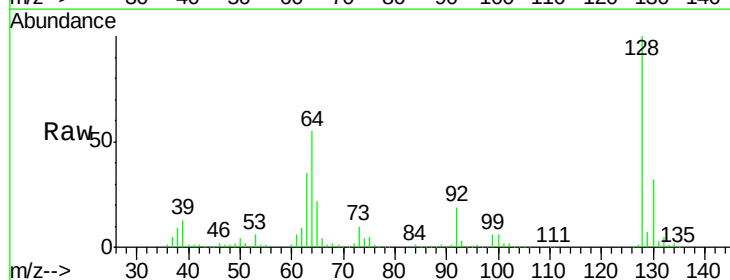
Tgt Ion:128 Resp: 339548

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	54.6	28.4	68.4

128 100

130 32.2 12.9 52.9

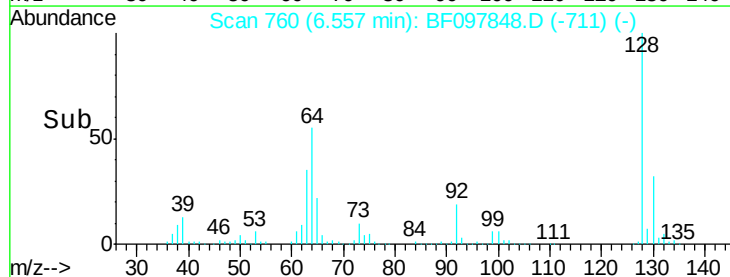
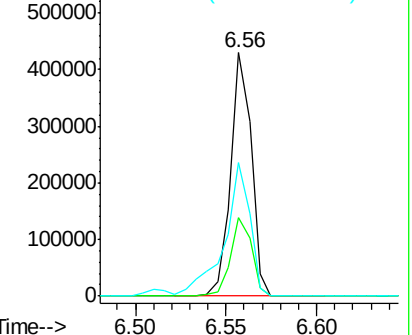
64 54.6 28.4 68.4

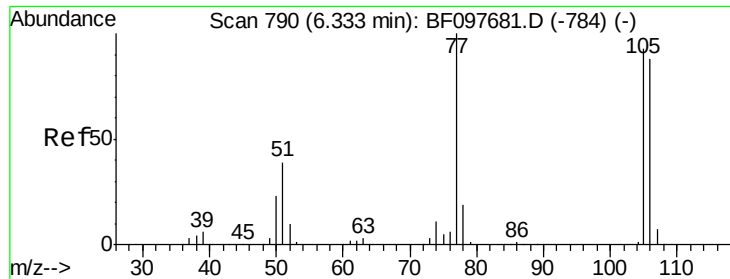


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.59 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.02 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

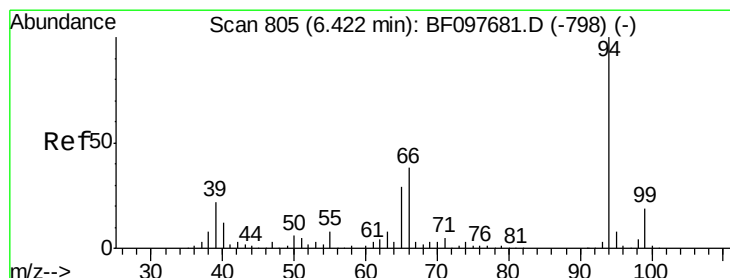
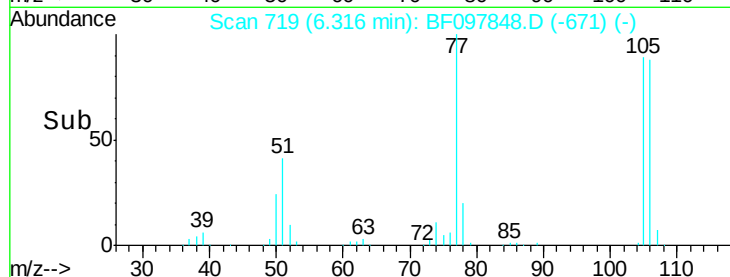
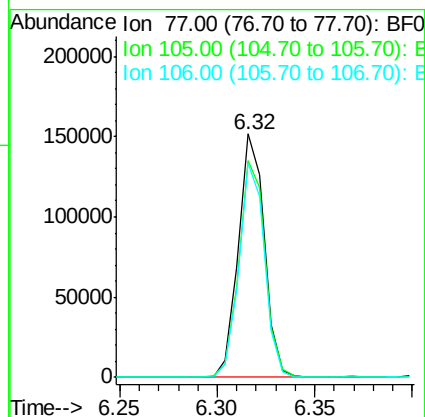
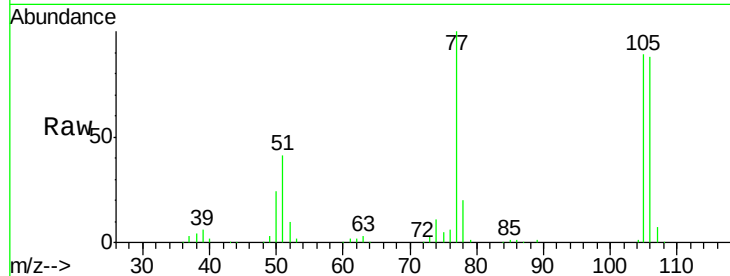
Tot Ion: 77 Resp: 140038

Ion Ratio Lower Upper

77 100

105 89.2 83.8 123.8

106 87.9 79.1 119.1



#10

Phenol

Concen: 39.76 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

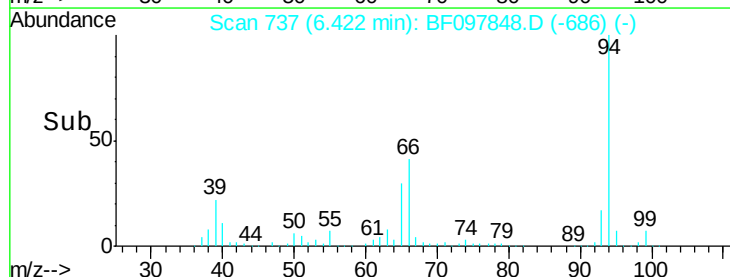
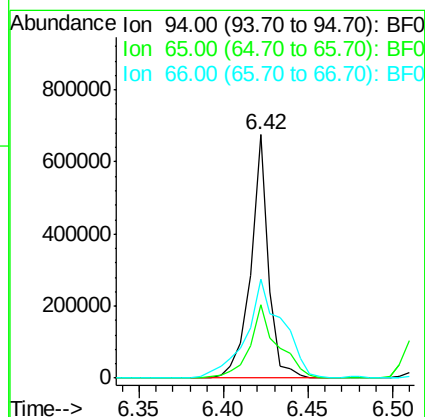
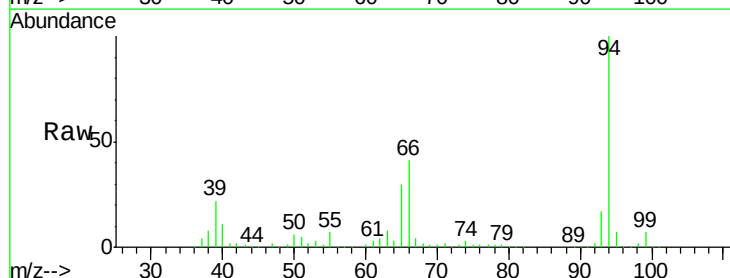
Tgt Ion: 94 Resp: 499335

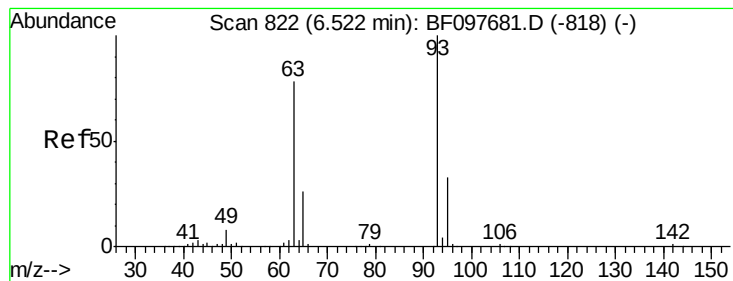
Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

66 40.8 23.1 63.1

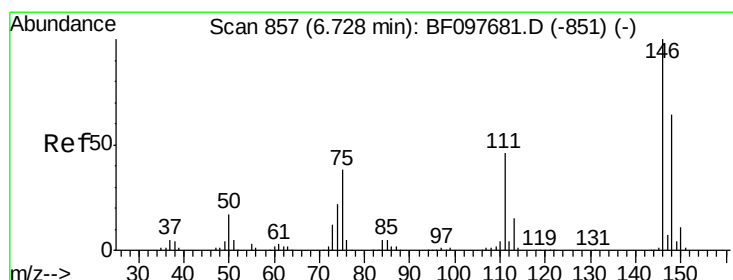
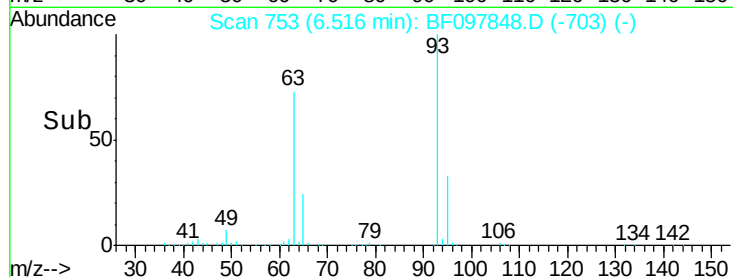
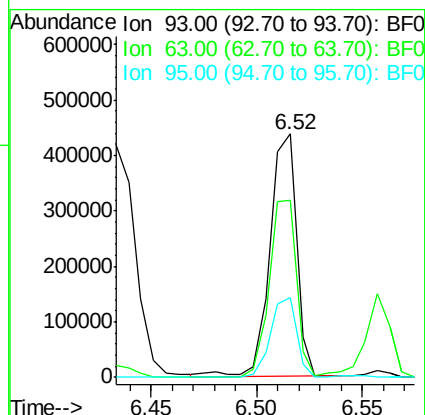
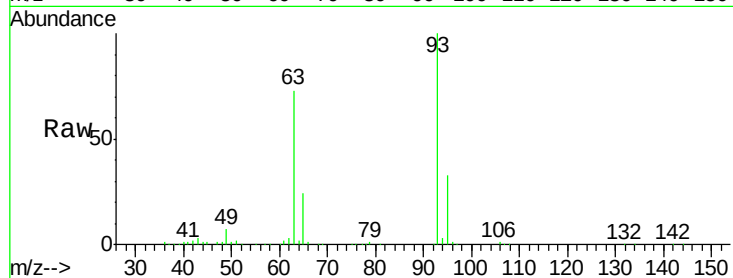




#11
bis(2-Chloroethyl)ether
Concen: 40.80 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

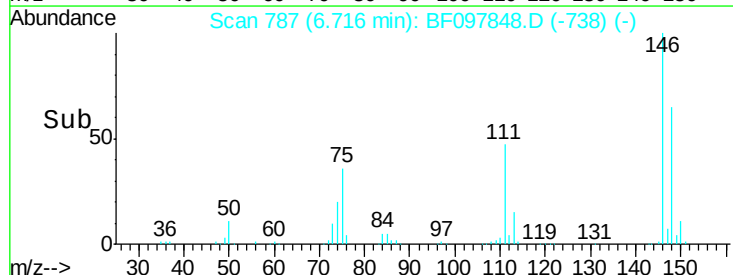
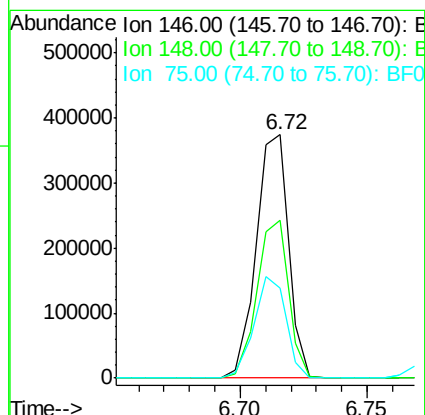
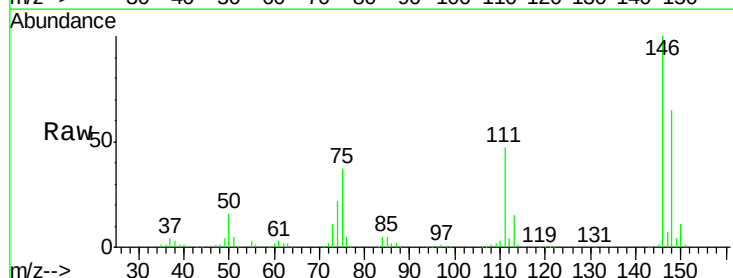
Instrument :
BNA_F
ClientSampled :
E4-24MSD

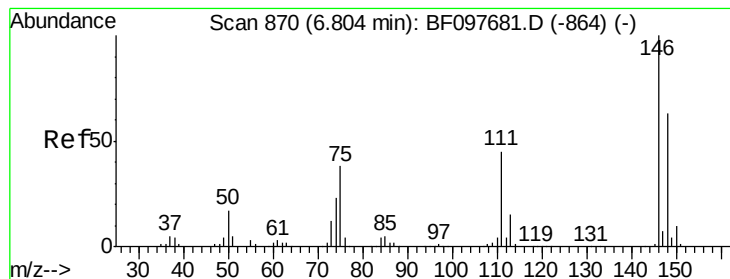
Tot Ion: 93 Resp: 386780
Ion Ratio Lower Upper
93 100
63 72.8 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.27 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion: 146 Resp: 334161
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 37.2 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 37.40 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

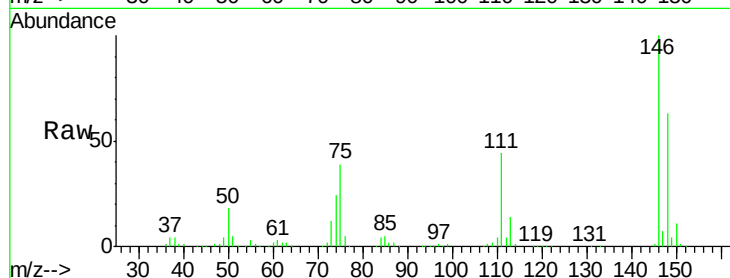
Tot Ion:146 Resp: 340998

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

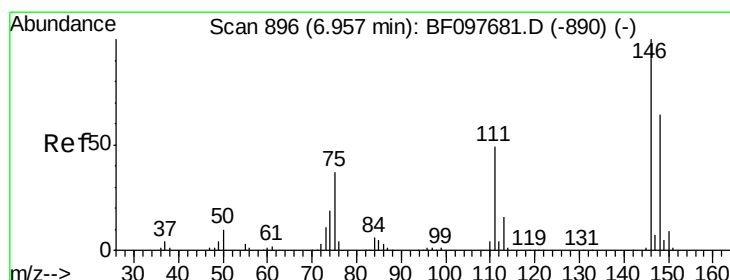
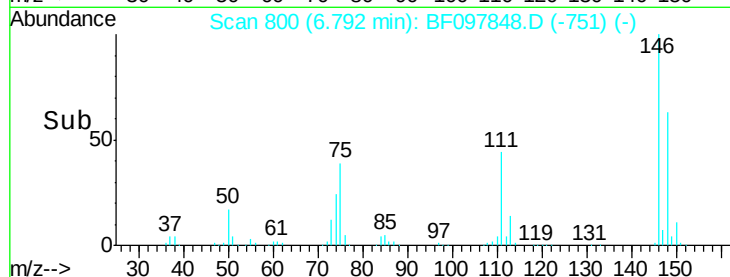
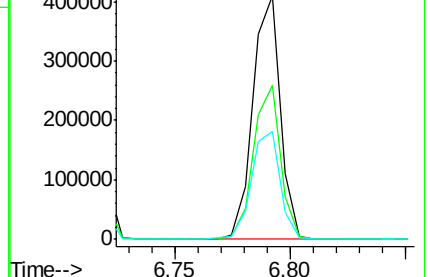
111 44.3 30.3 45.5



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: 37.61 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

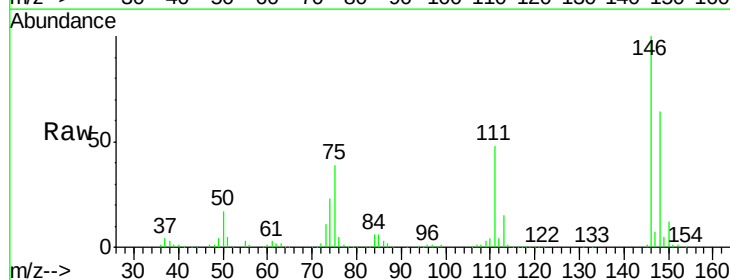
Tgt Ion:146 Resp: 316181

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

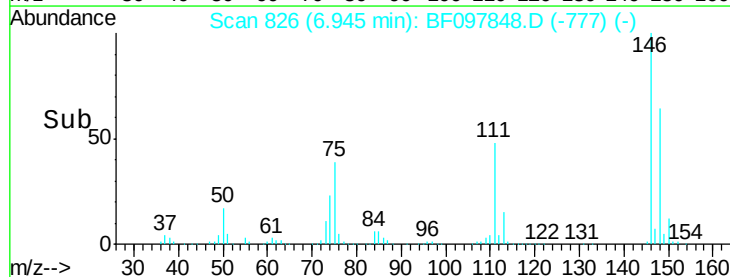
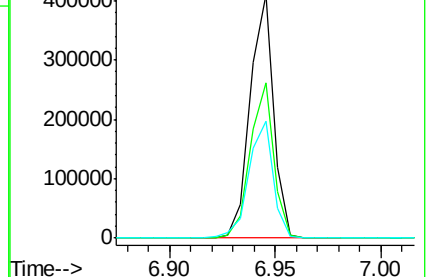
111 47.9 38.2 57.4

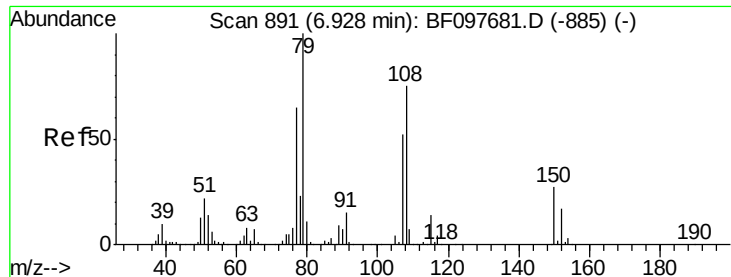


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.35 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

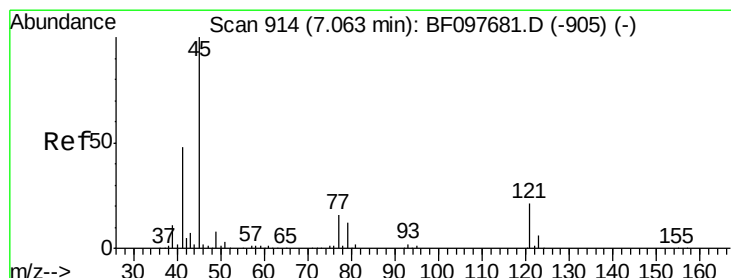
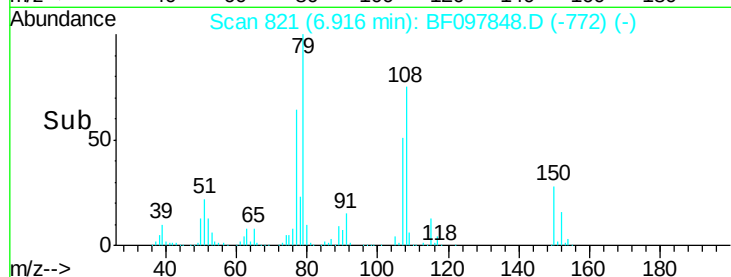
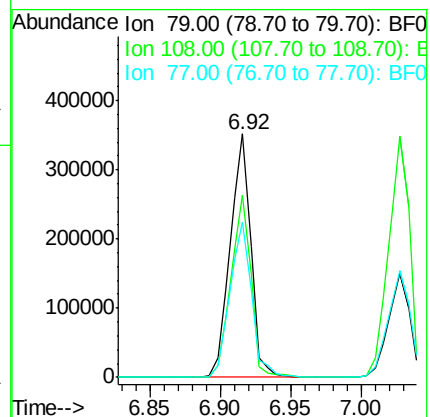
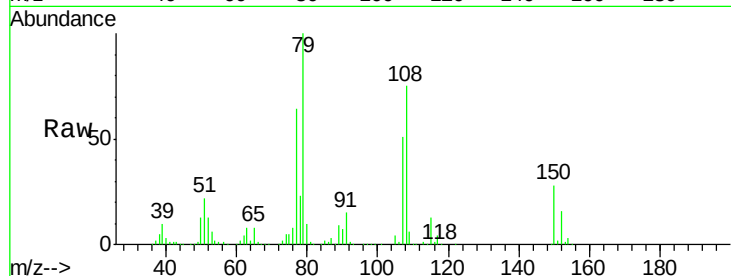
Tot Ion: 79 Resp: 356544

Ion Ratio Lower Upper

79 100

108 74.7 63.4 95.0

77 63.6 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.42 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

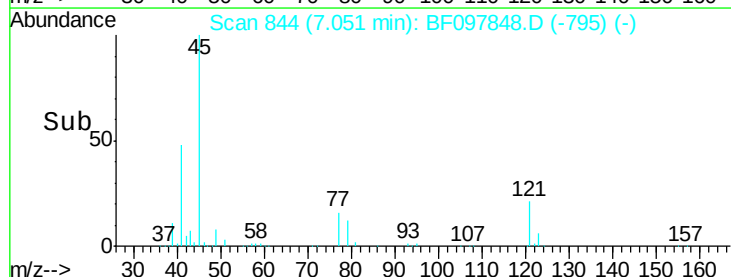
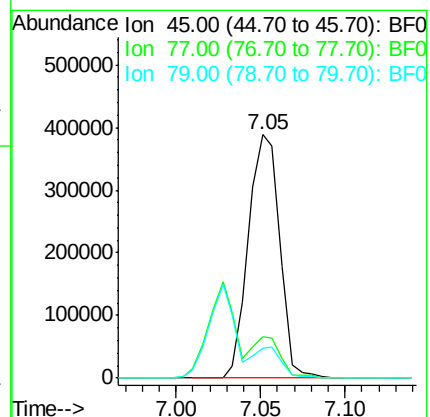
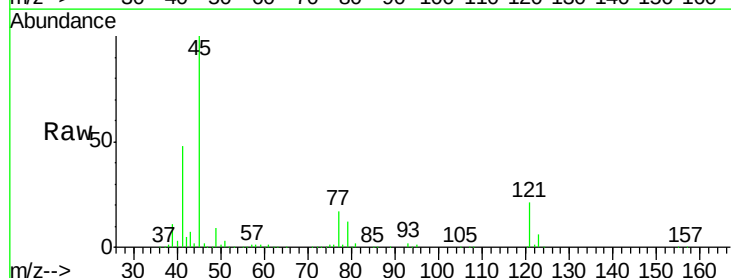
Tgt Ion: 45 Resp: 502706

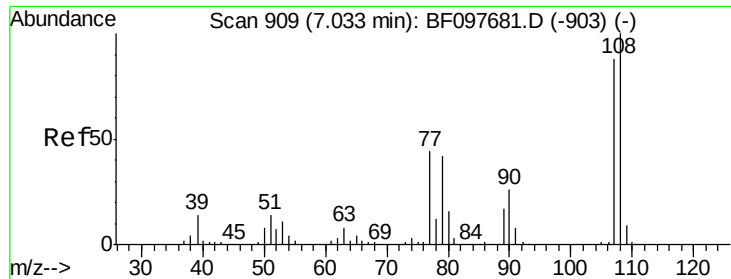
Ion Ratio Lower Upper

45 100

77 17.0 0.0 33.2

79 12.3 0.0 30.0

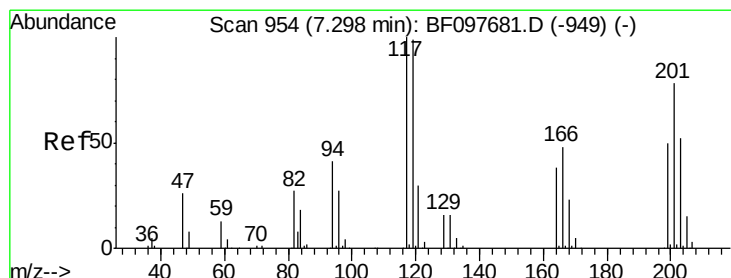
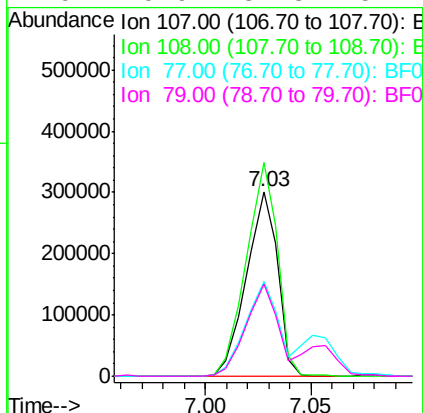
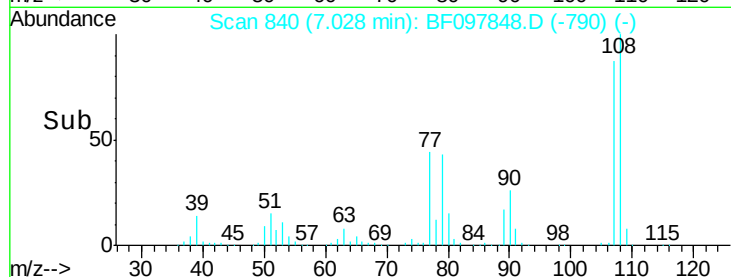
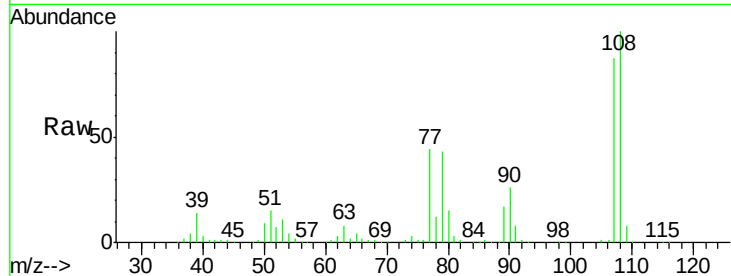




#17
2-Methylphenol
Concen: 42.30 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

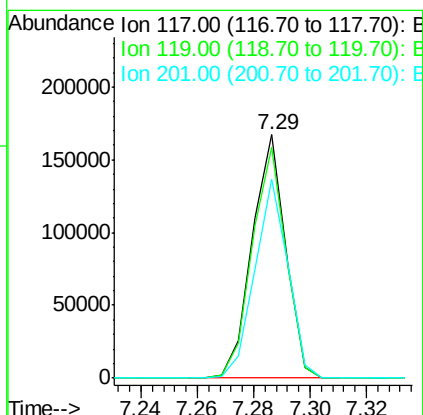
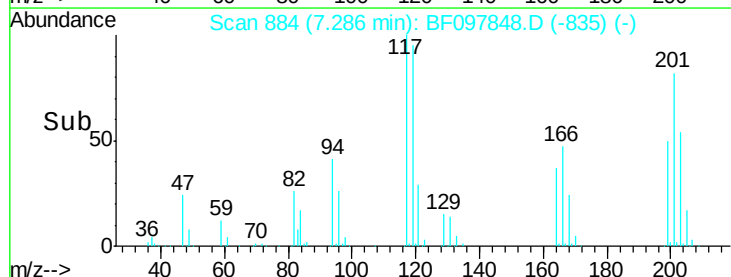
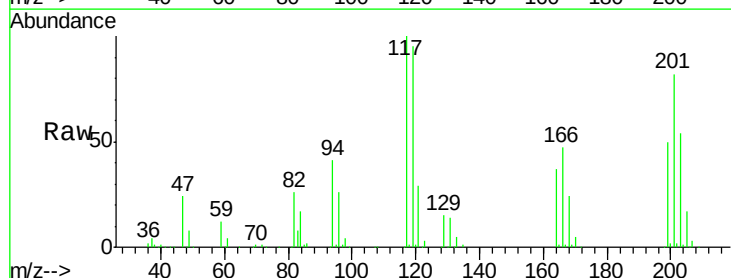
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

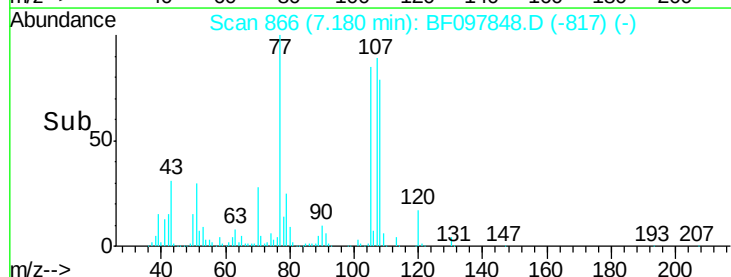
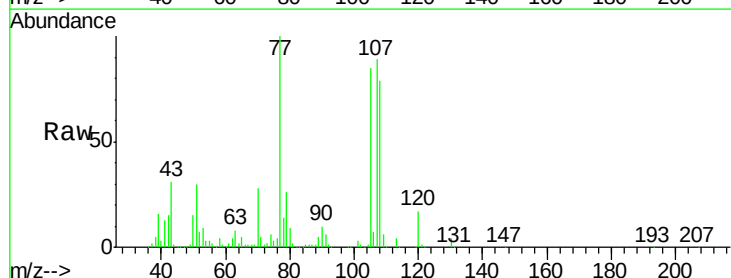
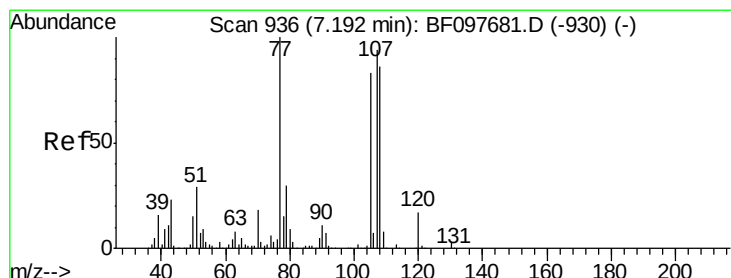
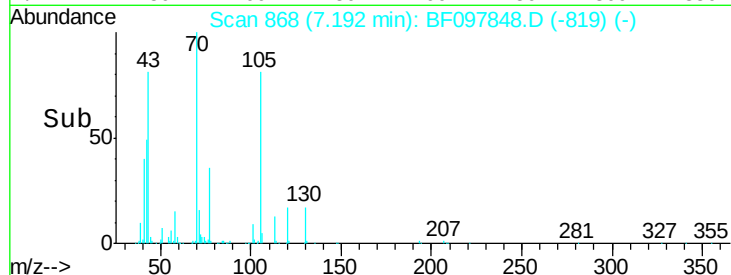
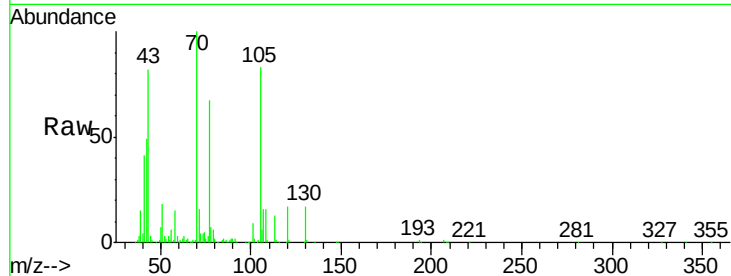
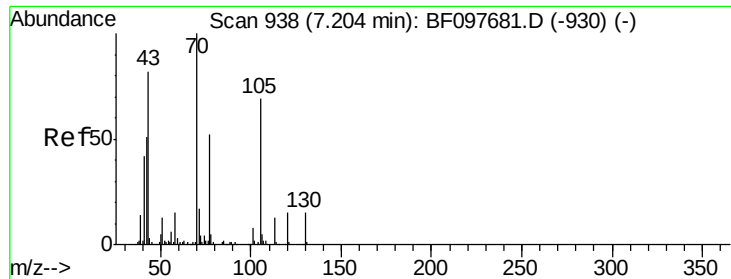
Tot Ion:	107	Resp:	310697
Ion	Ratio	Lower	Upper
107	100		
108	115.5	93.4	140.0
77	51.2	35.8	53.6
79	49.9	34.8	52.2



#18
Hexachloroethane
Concen: 38.36 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion:	117	Resp:	137132
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.4	116.0
201	81.6	94.6	141.8#

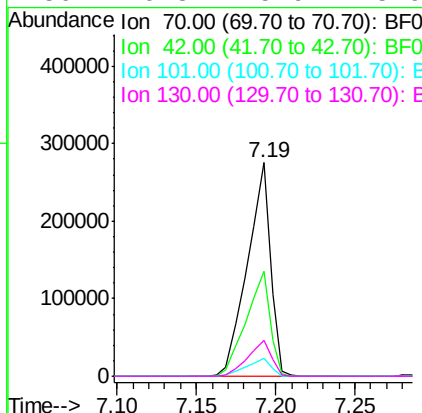




#19
n-Nitroso-di-n-propylamine
Concen: 37.92 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

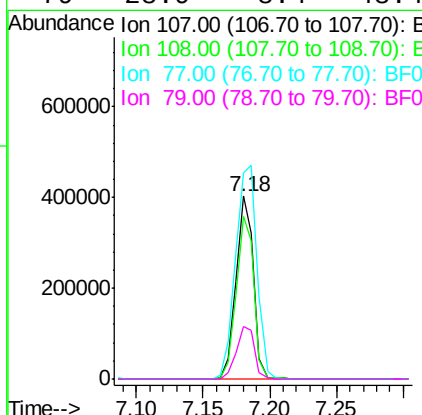
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

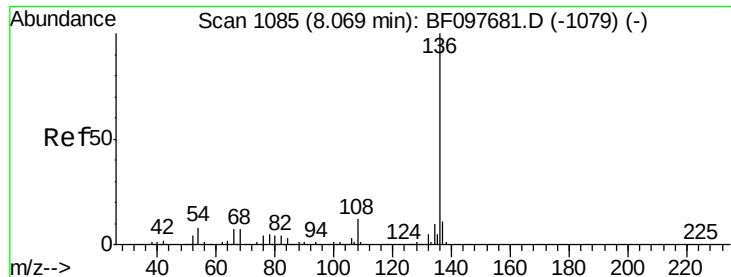
Tot Ion: 70 Resp: 278714
Ion Ratio Lower Upper
70 100
42 49.2 47.2 70.8
101 8.6 7.2 10.8
130 16.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 41.05 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion: 107 Resp: 368244
Ion Ratio Lower Upper
107 100
108 89.1 71.0 111.0
77 112.8 90.5 130.5
79 28.9 8.4 48.4

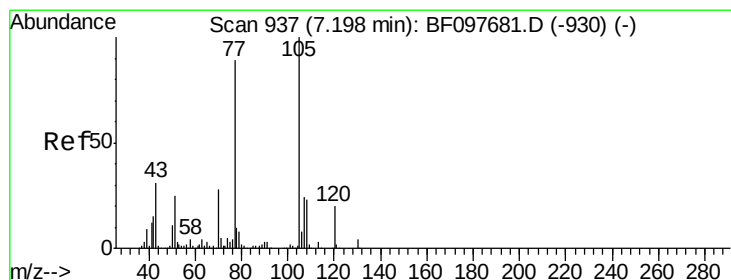
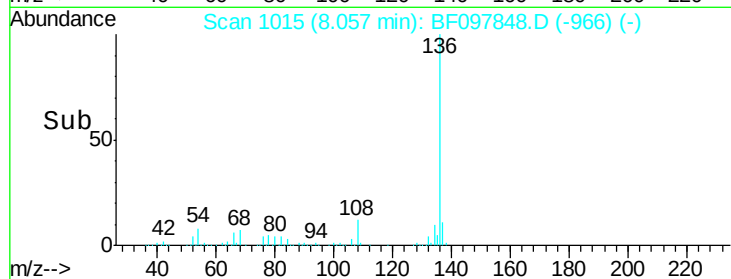
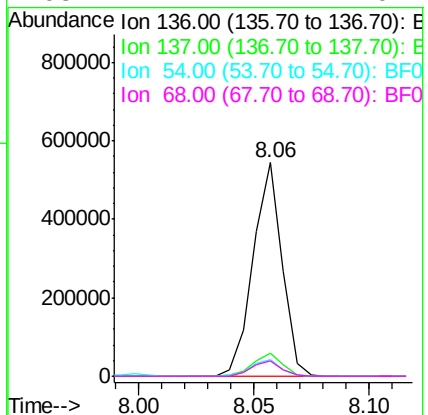
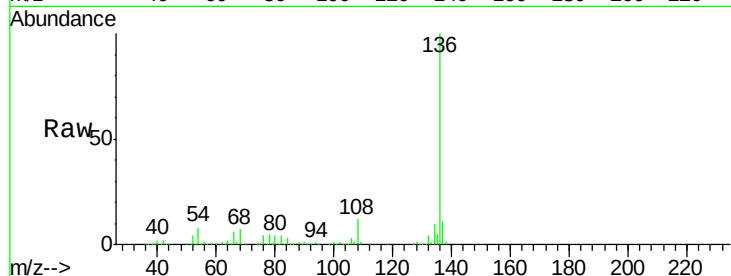




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

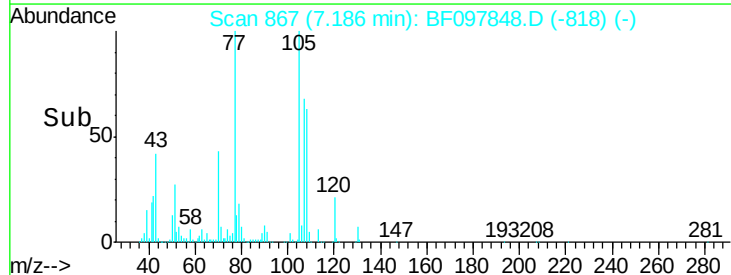
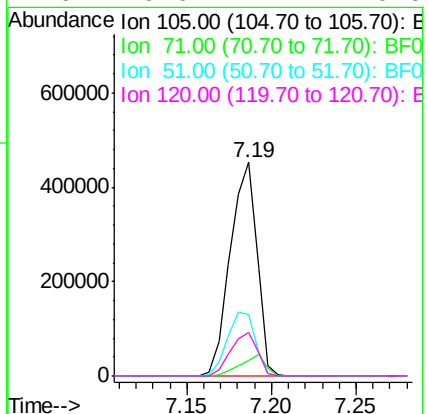
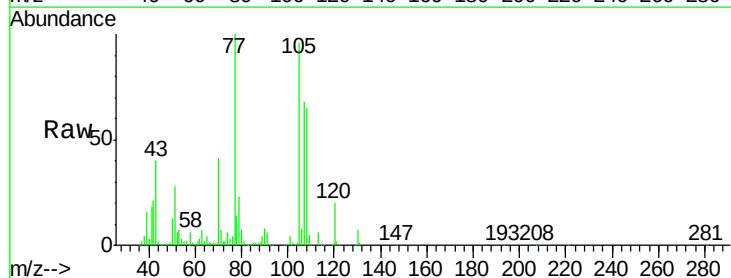
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

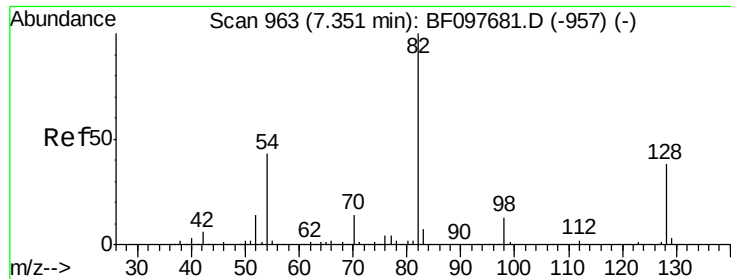
Tot Ion:136	Resp:	476850
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.5	12.7
54 7.6	4.9	7.3#
68 7.4	4.1	6.1#



#22
Acetophenone
Concen: 39.50 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt	Ion:105	Resp:	497637
Ion	Ratio	Lower	Upper
105	100		
71	7.0	2.8	4.2#
51	28.8	30.7	46.1#
120	20.6	17.4	26.0

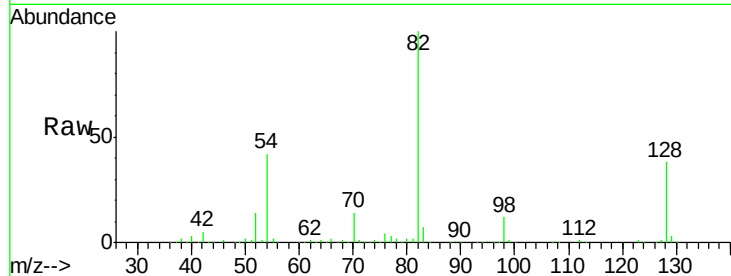




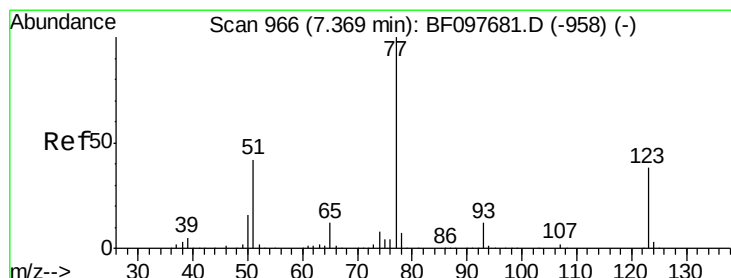
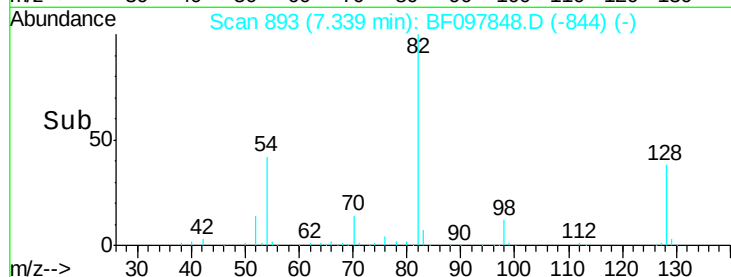
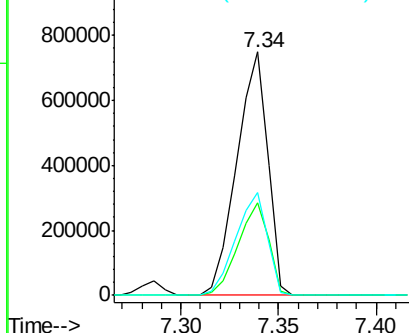
#23
 Nitrobenzene-d5
 Concen: 93.74 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion	82	Resp	822818
Ion Ratio	100	Lower	Upper
128	37.9	34.0	51.0
54	42.0	42.2	63.2#

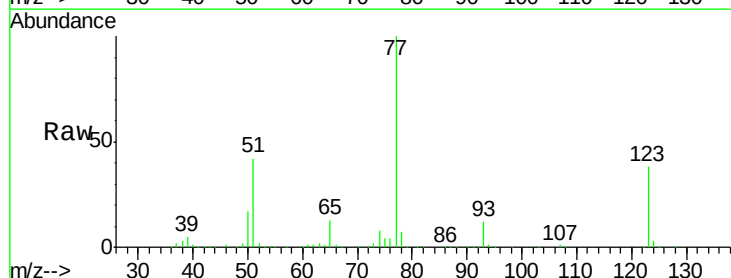


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

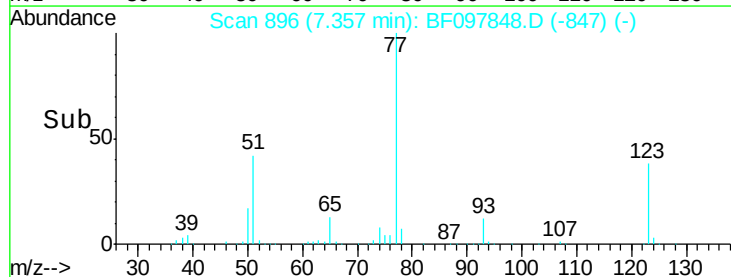
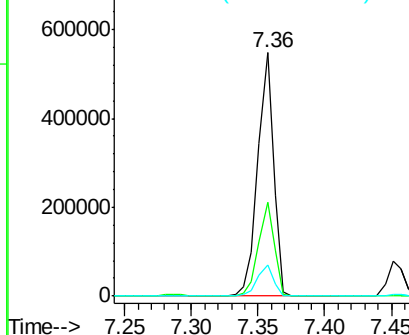


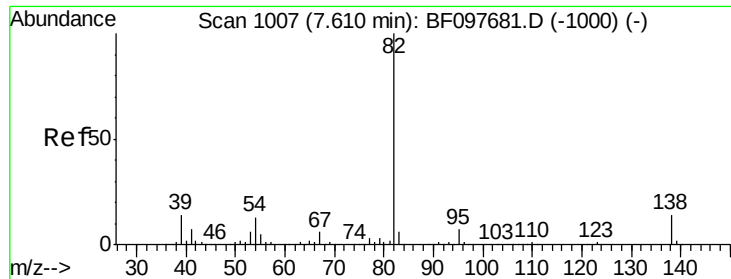
#24
 Nitrobenzene
 Concen: 45.47 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	77	Resp	444369
Ion Ratio	100	Lower	Upper
123	38.4	35.8	53.8
65	12.7	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: 43.52 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

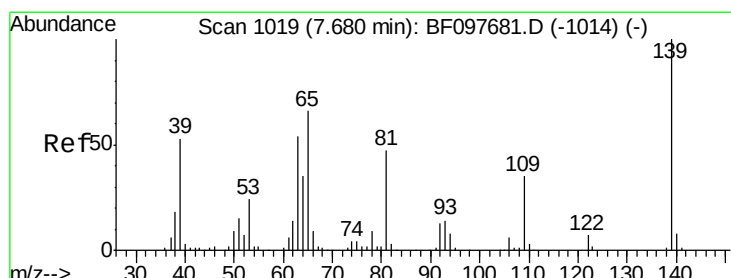
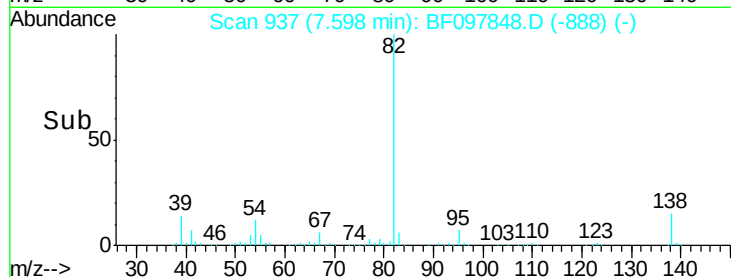
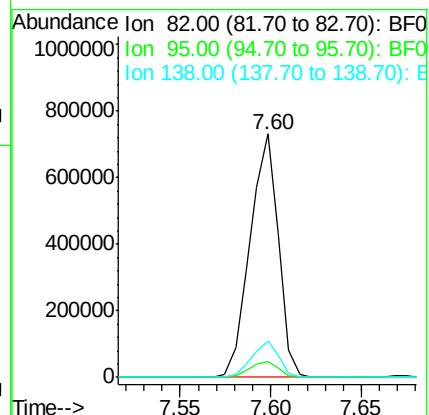
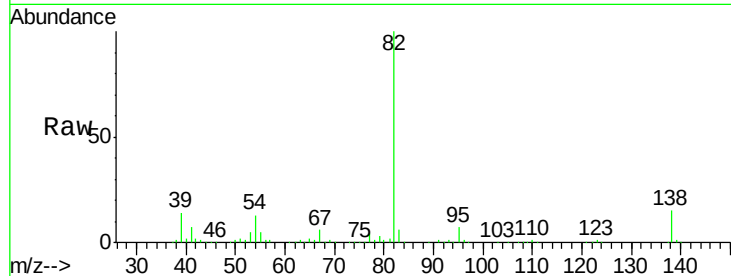
Tot Ion: 82 Resp: 794352

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 14.8 13.1 19.7



#26

2-Nitrophenol

Concen: 47.94 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

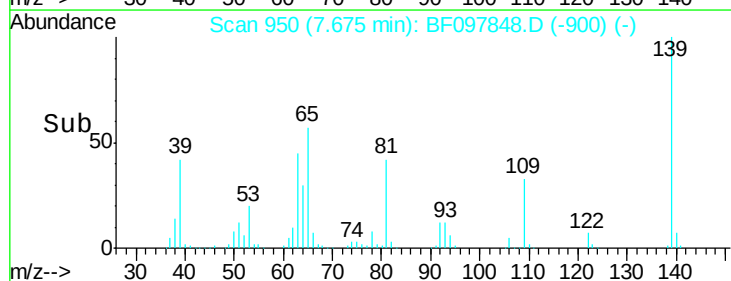
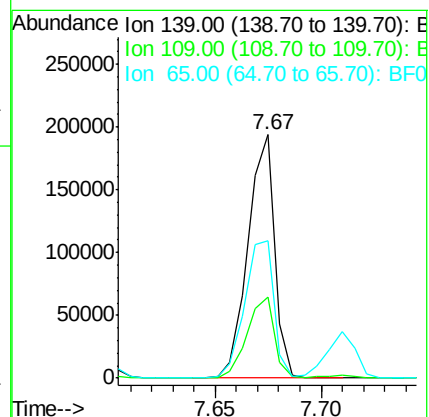
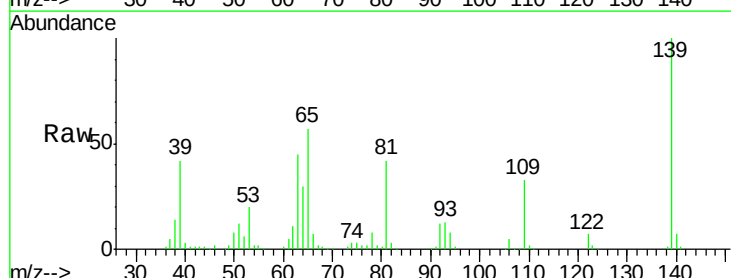
Tgt Ion: 139 Resp: 169744

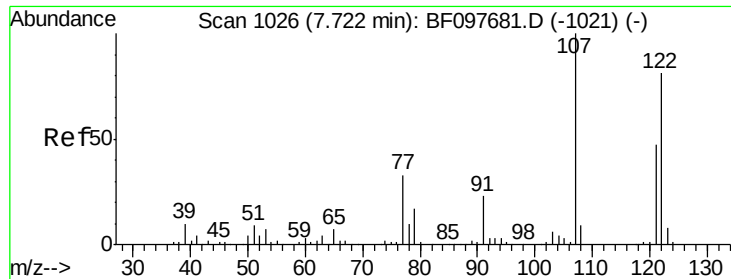
Ion Ratio Lower Upper

139 100

109 33.4 21.0 31.6#

65 56.5 33.0 49.6#

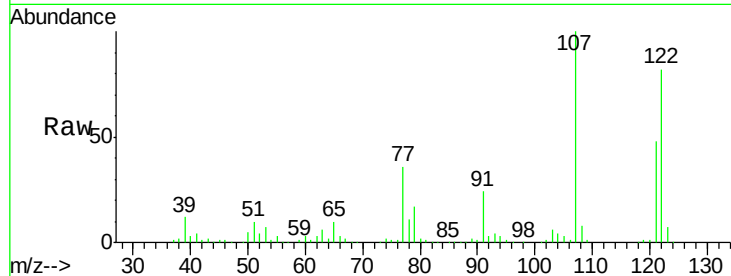




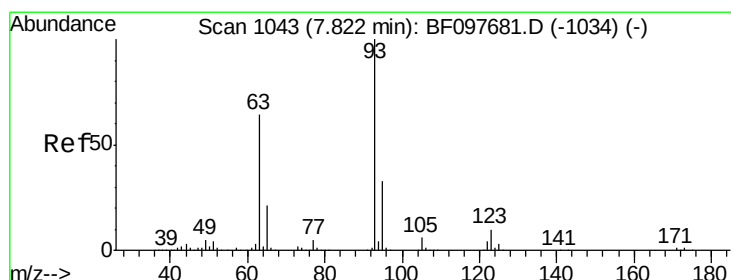
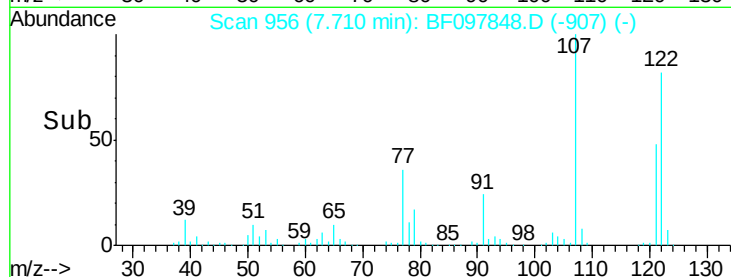
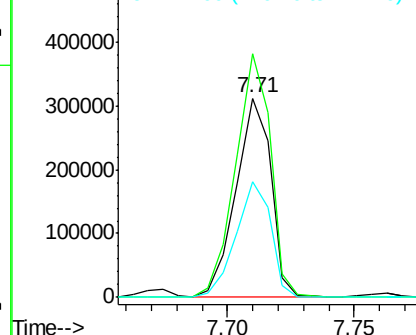
#27
 2,4-Dimethylphenol
 Concen: 39.35 ng
 RT: 7.71 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion:	122	Resp:	299565
Ion	Ratio	Lower	Upper
122	100		
107	122.1	89.2	133.8
121	58.0	45.2	67.8

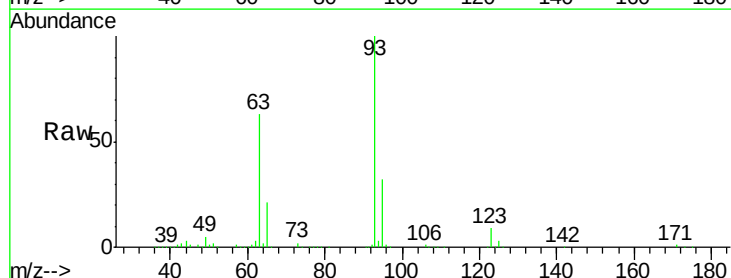


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

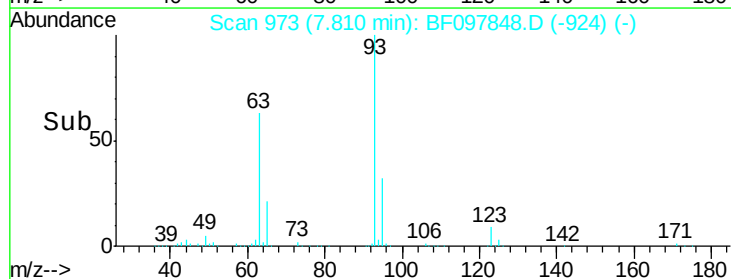
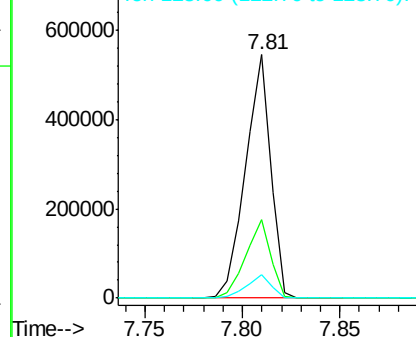


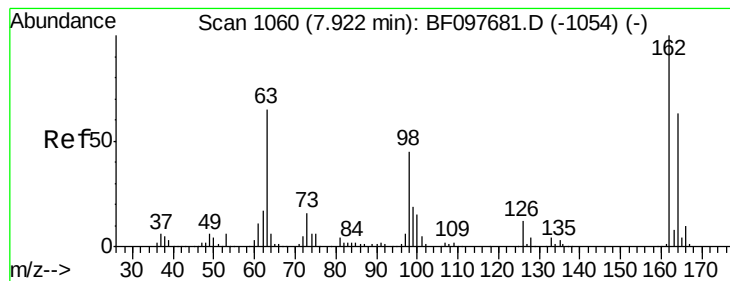
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.77 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion:	93	Resp:	489206
Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.5	39.7
123	9.5	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: 43.10 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

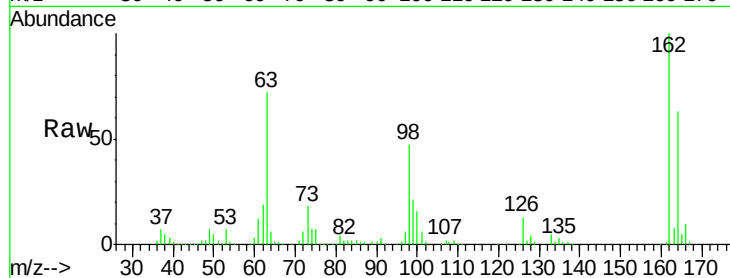
Tot Ion:162 Resp: 272321

Ion Ratio Lower Upper

162 100

164 63.1 44.6 84.6

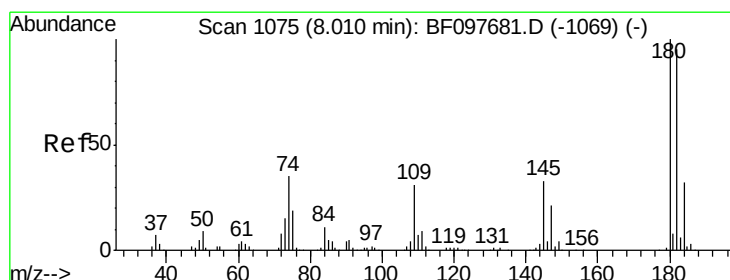
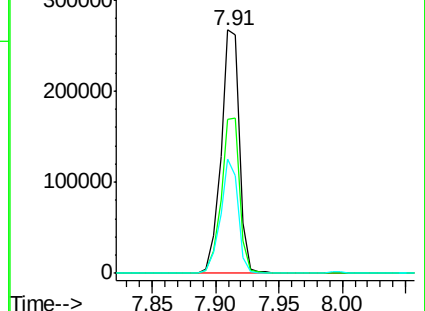
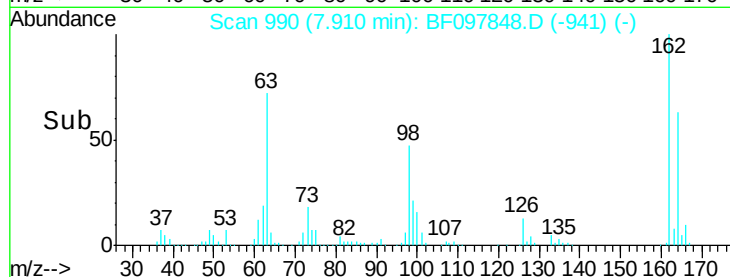
98 47.0 14.8 54.8



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: 38.84 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

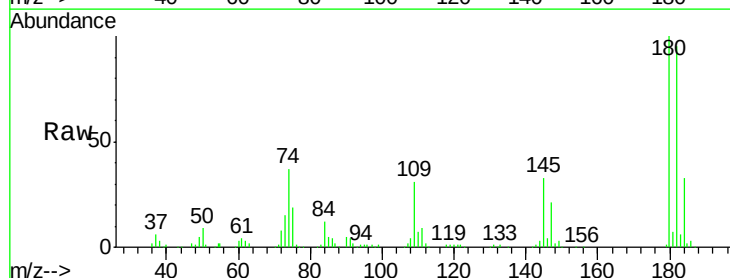
Tgt Ion:180 Resp: 272044

Ion Ratio Lower Upper

180 100

182 94.6 75.8 113.6

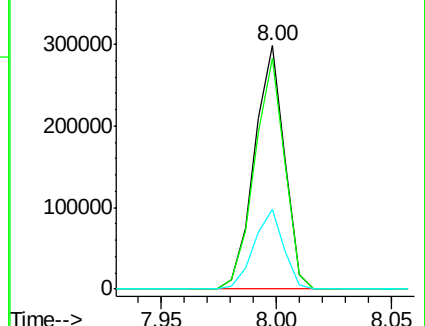
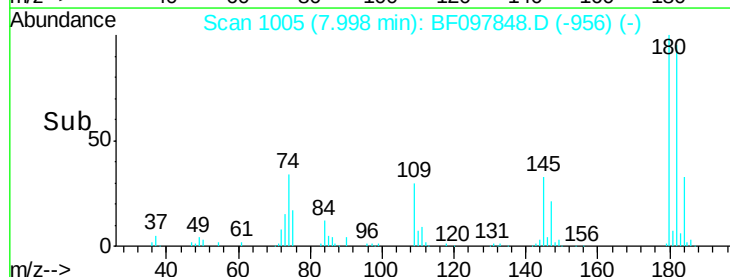
145 32.5 25.3 37.9

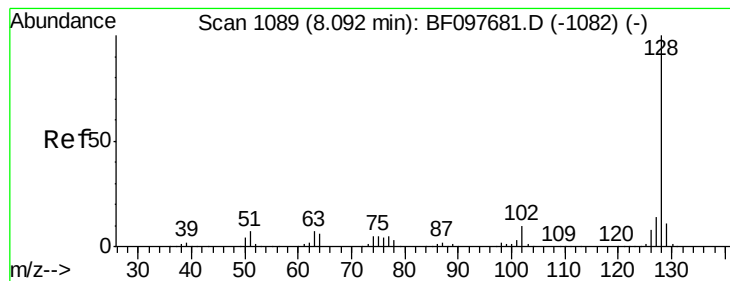


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.10 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampled :

E4-24MSD

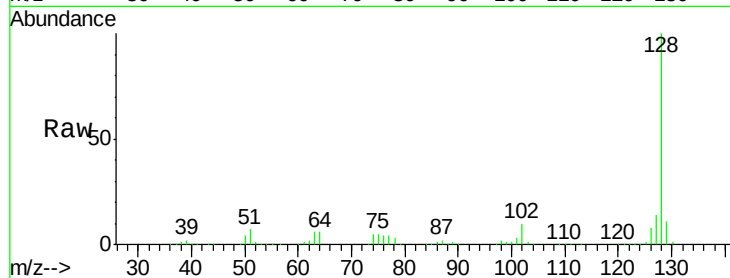
Tot Ion:128 Resp: 967887

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

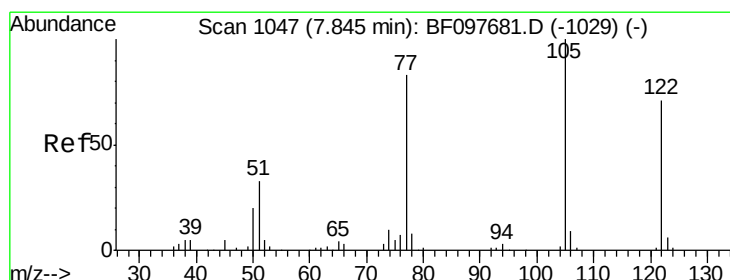
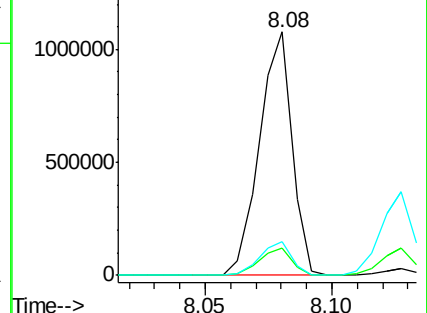
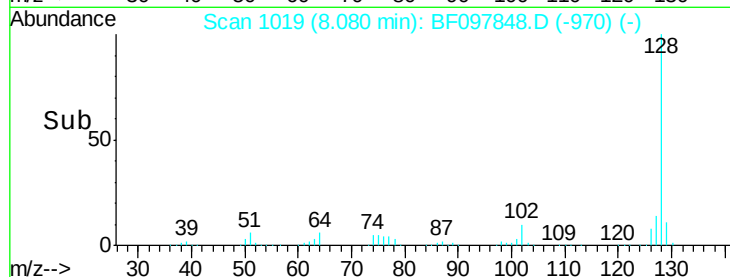
127 13.8 10.8 16.2



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: 53.21 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.14 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

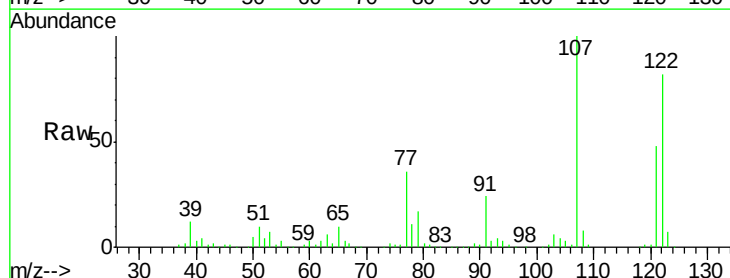
Tgt Ion:122 Resp: 299565

Ion Ratio Lower Upper

122 100

105 4.1 103.3 143.3#

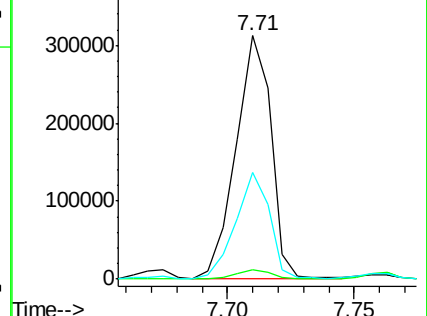
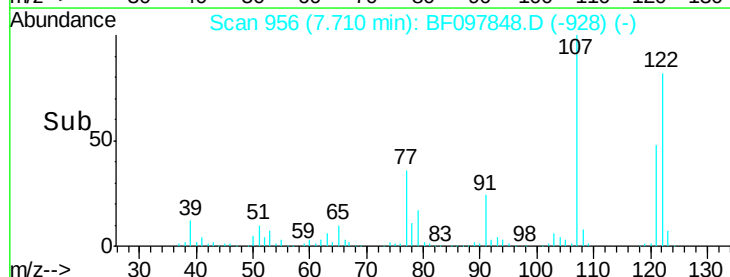
77 43.6 73.7 113.7#

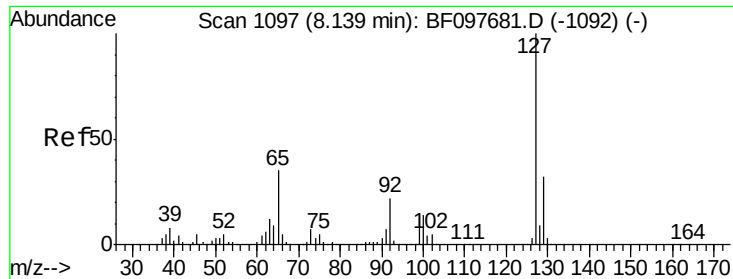


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

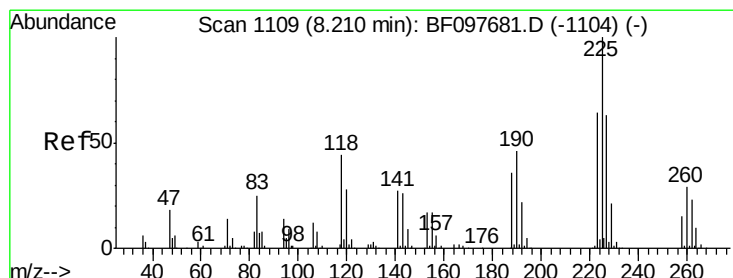
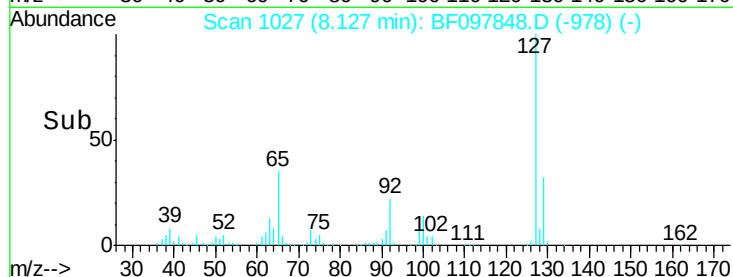
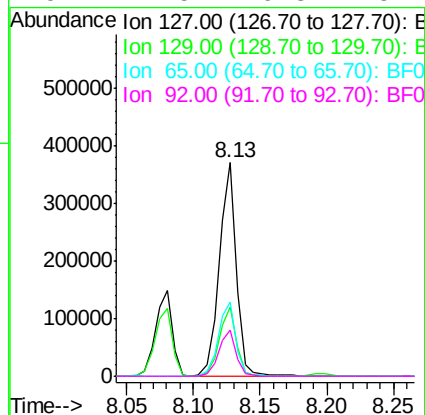
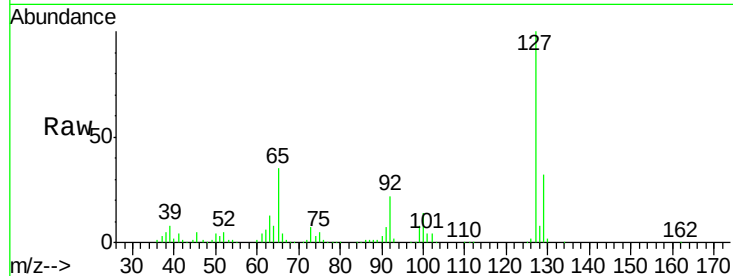




#33
4-Chloroaniline
Concen: 31.89 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

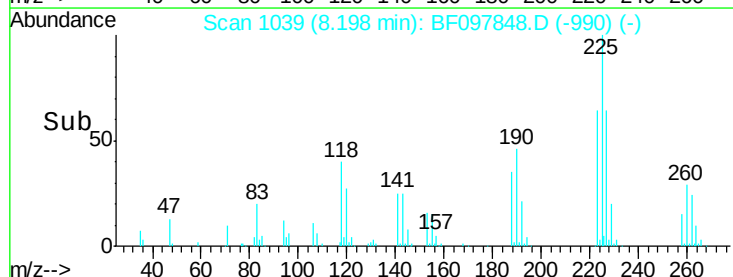
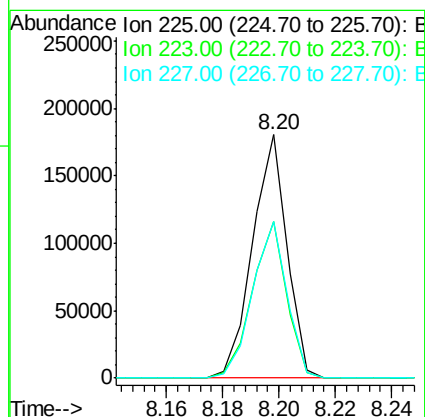
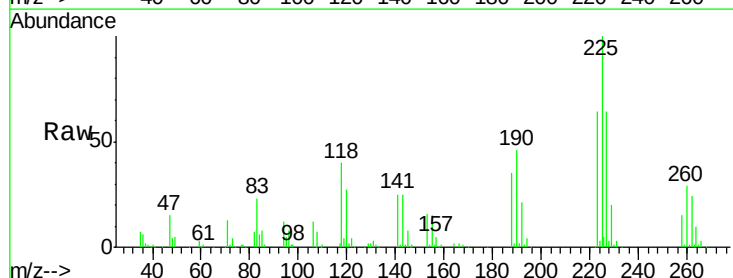
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

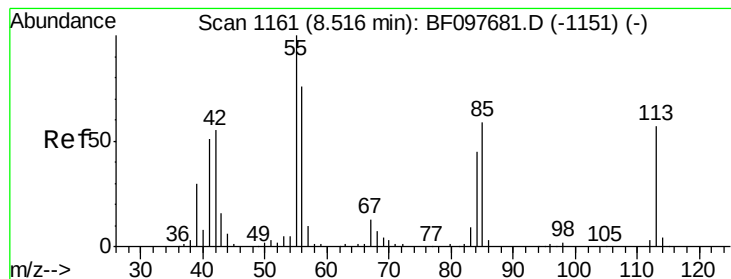
Tot Ion:	127	Resp:	332928
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.5	27.8	41.8
92	21.5	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.30 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion:	225	Resp:	152554
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.8	73.2
227	64.4	51.1	76.7





#35

Caprolactam

Concen: 21.23 ng

RT: 8.49 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

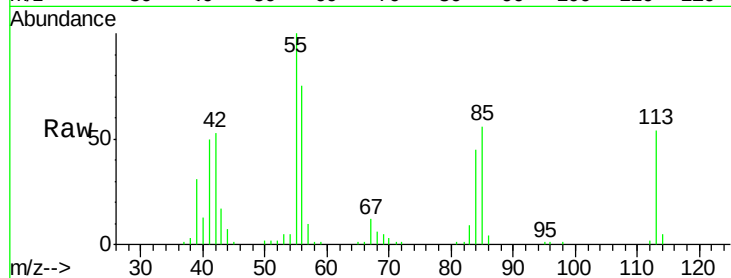
Tot Ion:113 Resp: 45602

Ion Ratio Lower Upper

113 100

55 186.0 150.2 190.2

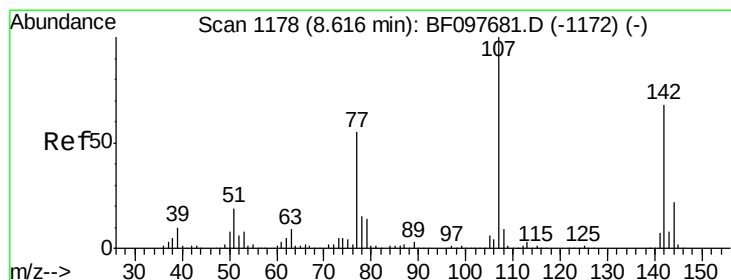
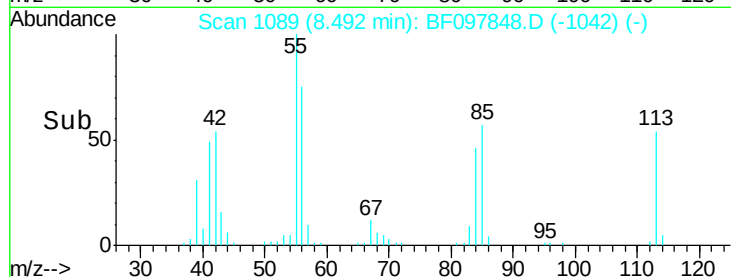
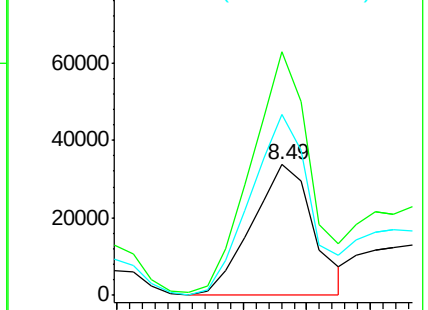
56 138.6 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.39 ng

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

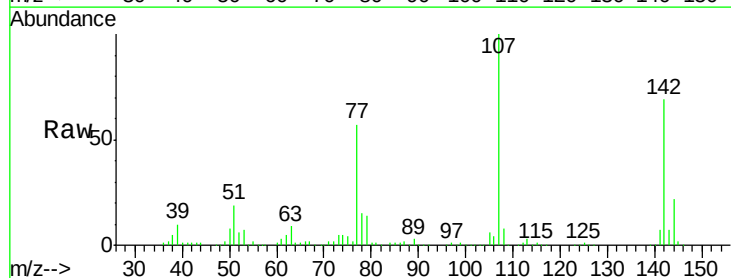
Tgt Ion:107 Resp: 344142

Ion Ratio Lower Upper

107 100

144 22.2 24.2 36.4#

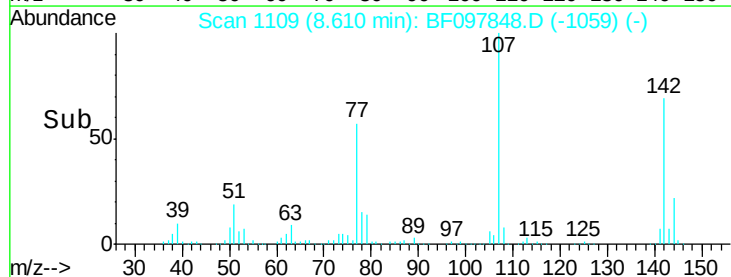
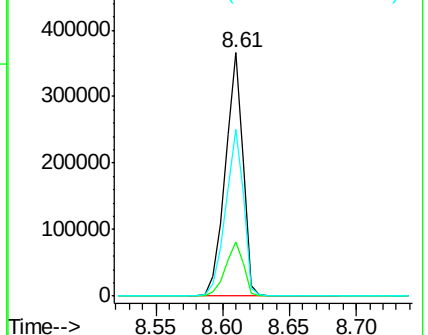
142 68.7 73.4 110.0#

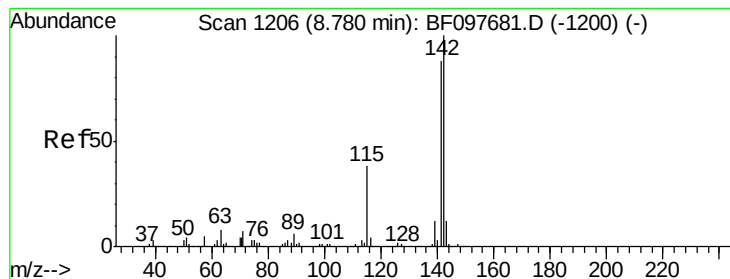


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.70 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

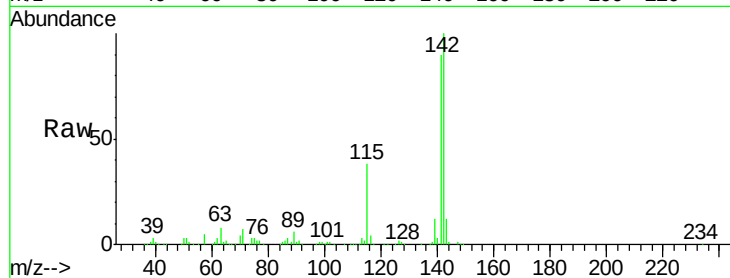
Tot Ion:142 Resp: 632836

Ion Ratio Lower Upper

142 100

141 90.0 71.3 106.9

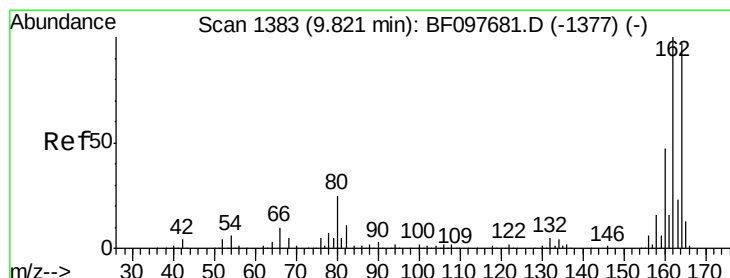
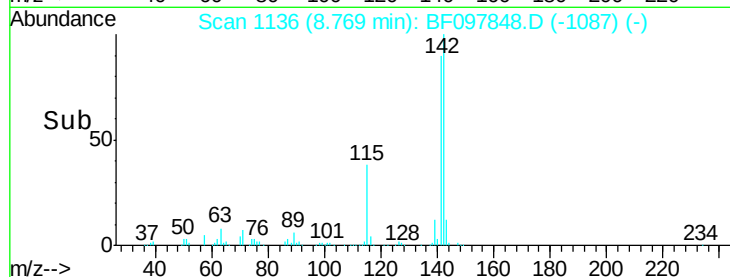
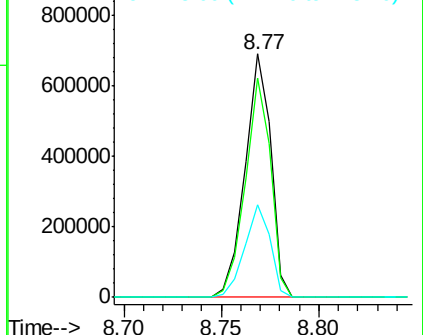
115 37.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

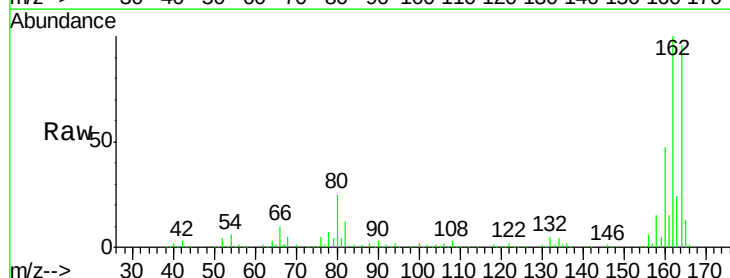
Tgt Ion:164 Resp: 215631

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

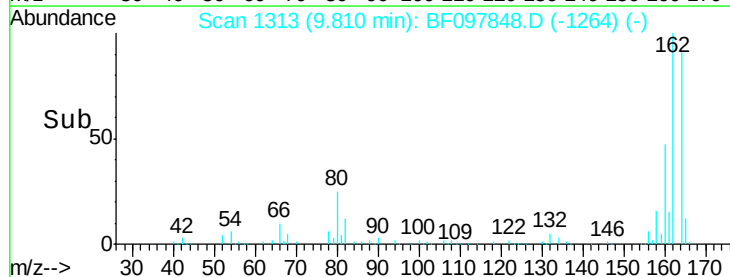
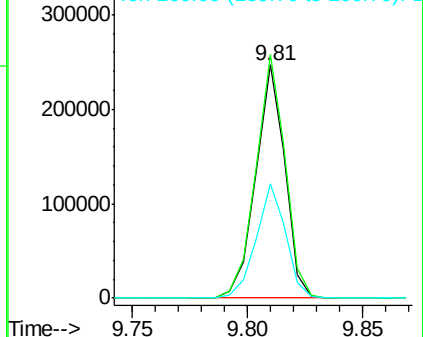
160 49.2 36.2 54.2

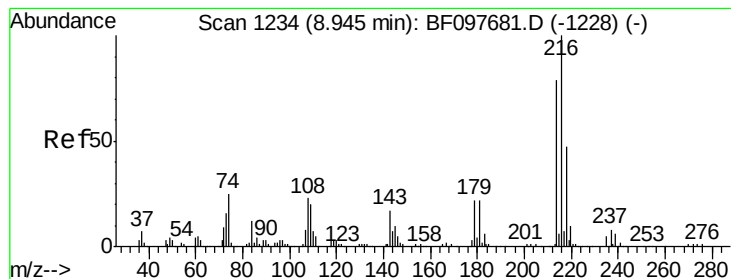


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.19 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

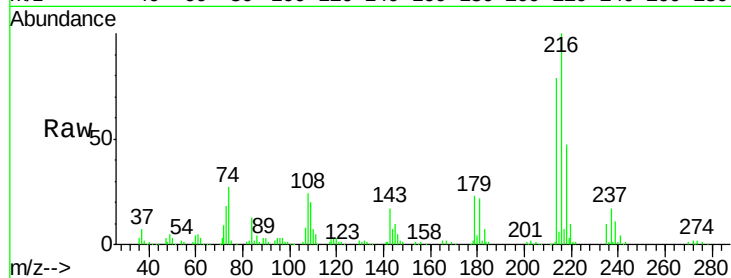
Instrument :

BNA_F

ClientSampleId :

E4-24MSD

Tot Ion:	216	Resp:	252723
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.2
179	22.0	17.9	26.9
108	27.0	16.5	24.7#

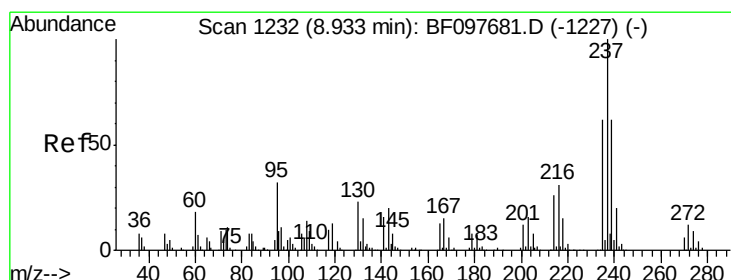
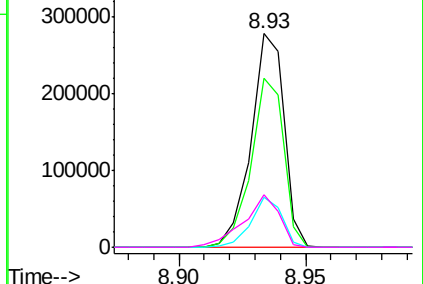
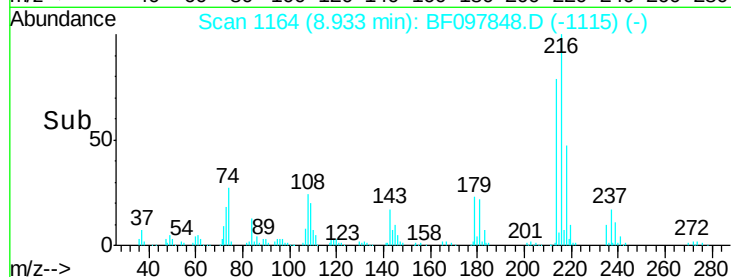


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.41 ng

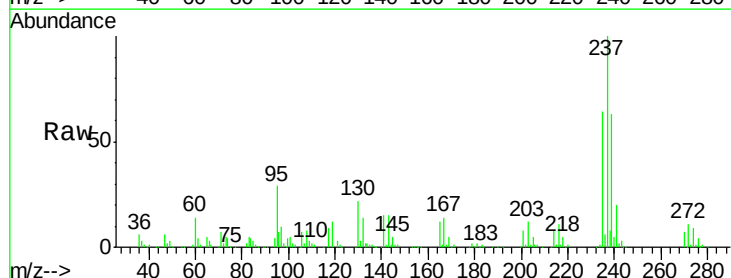
RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

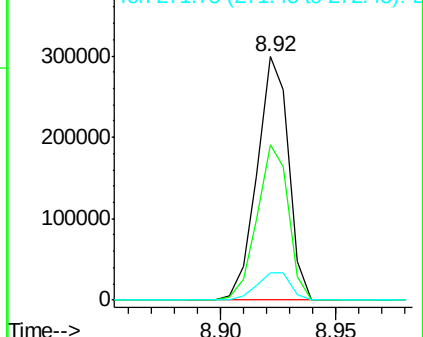
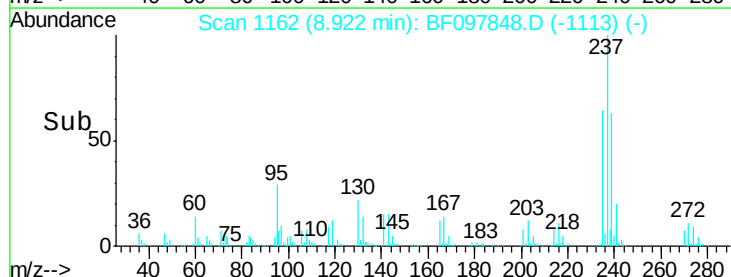
Tgt Ion:	237	Resp:	284248
Ion	Ratio	Lower	Upper
237	100		
235	63.6	42.6	82.6
272	11.3	0.0	31.9

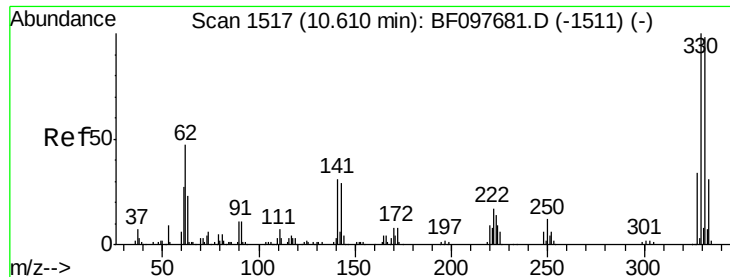


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

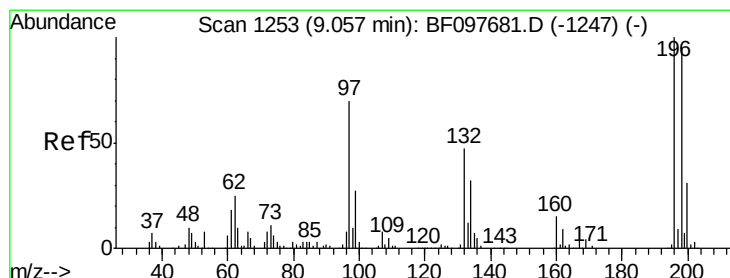
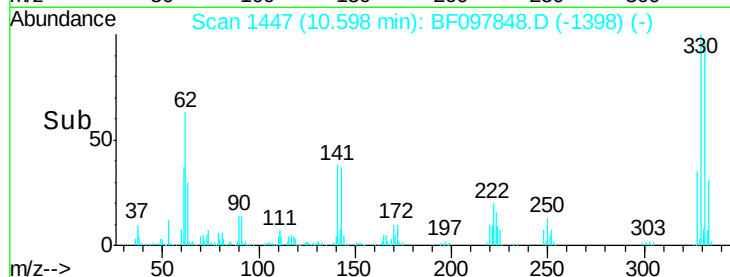
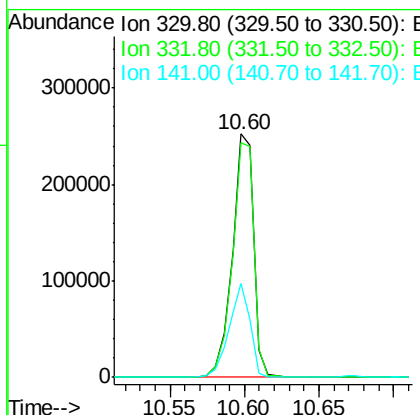
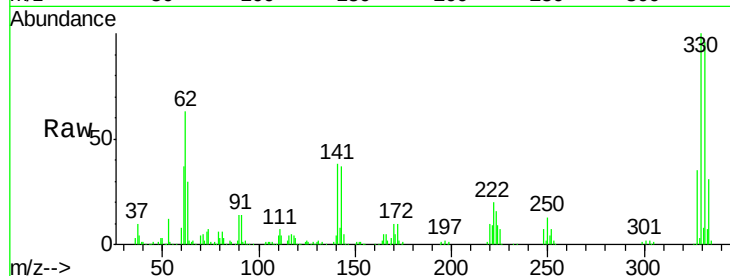




#41
 2,4,6-Tribromophenol
 Concen: 135.70 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

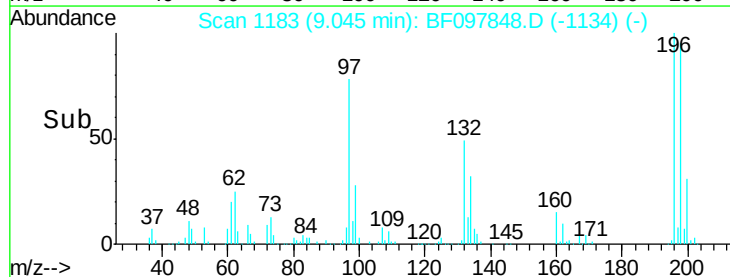
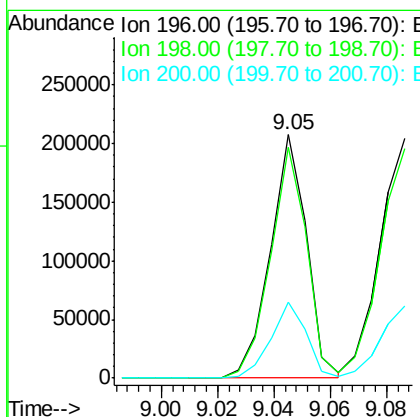
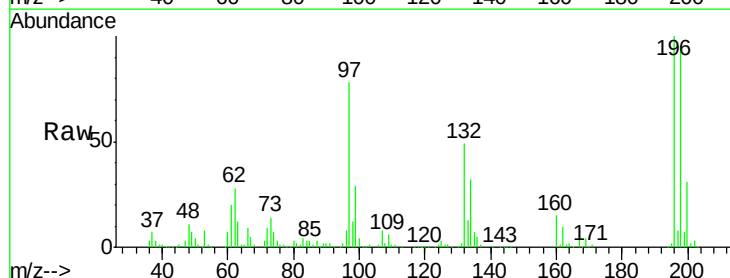
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

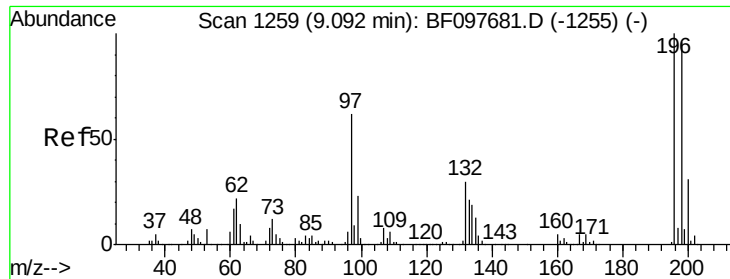
Tot Ion:330 Resp: 253892
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 115.0
 141 38.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.56 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion:196 Resp: 184665
 Ion Ratio Lower Upper
 196 100
 198 94.9 74.2 111.4
 200 31.0 24.0 36.0

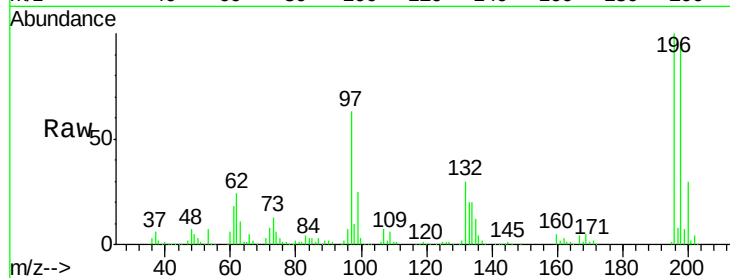




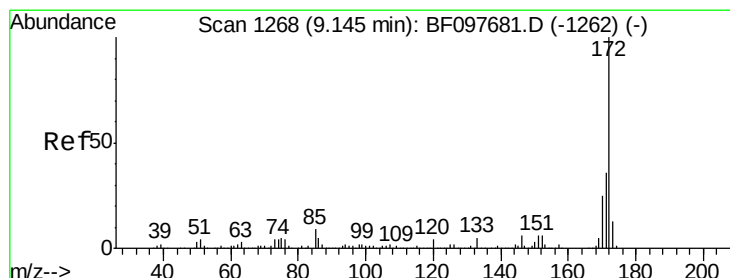
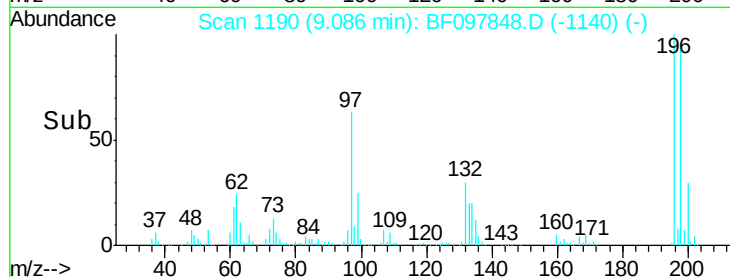
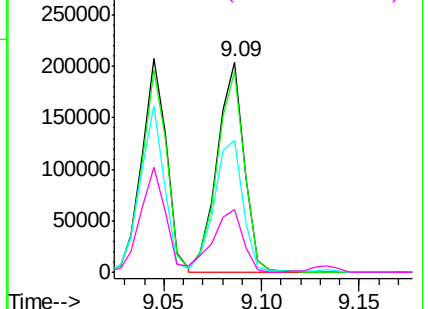
#43
 2,4,5-Trichlorophenol
 Concen: 44.45 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion:	196	Resp:	195944
Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.7	113.5
97	62.6	47.7	71.5
132	30.0	28.0	42.0

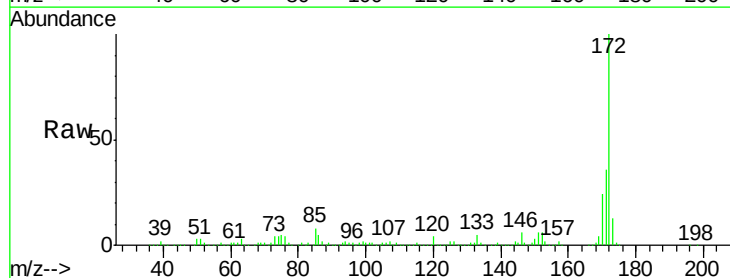


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

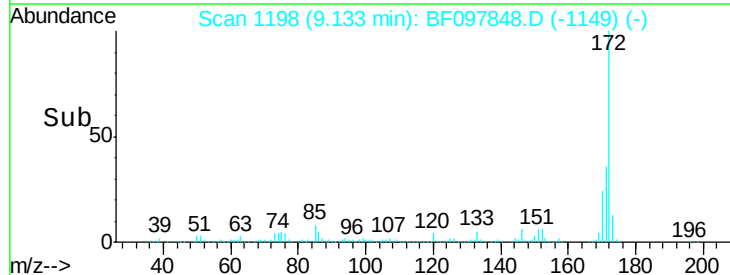
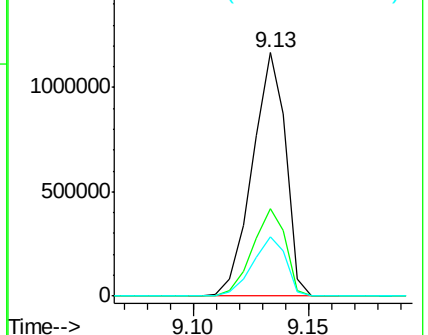


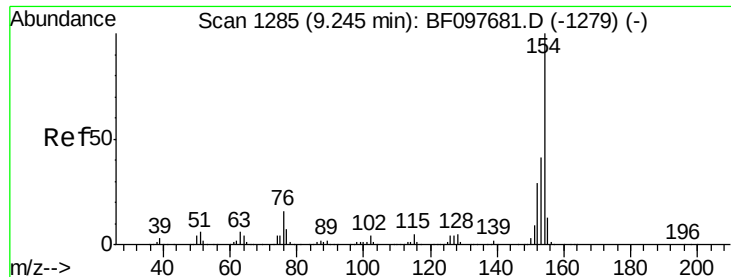
#44
 2-Fluorobiphenyl
 Concen: 79.89 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion:	172	Resp:	1172468
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.4	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: 37.92 ng

RT: 9.23 min Scan# 1215

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

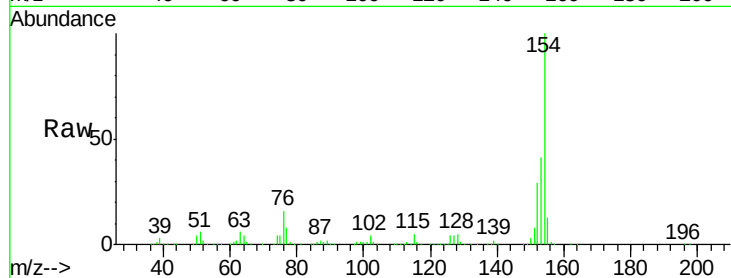
Tot Ion:154 Resp: 745665

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

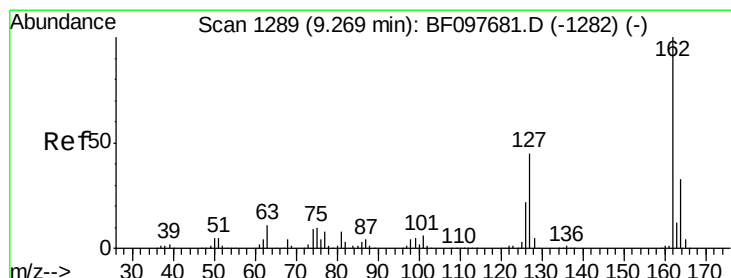
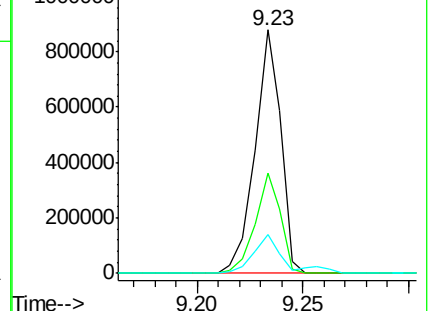
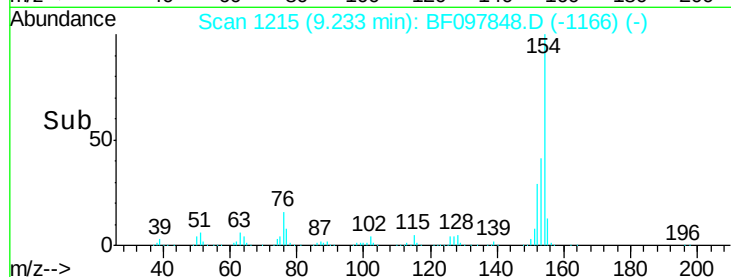
76 16.1 0.0 29.9



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: 38.17 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

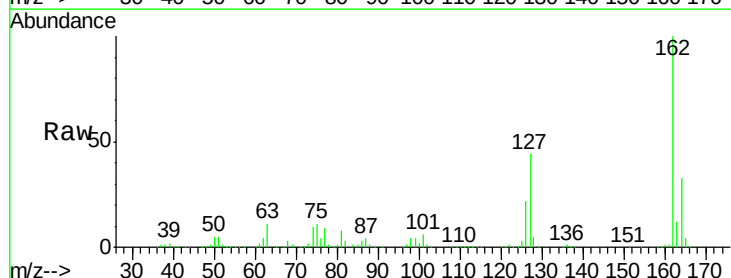
Tgt Ion:162 Resp: 554511

Ion Ratio Lower Upper

162 100

127 44.3 28.3 42.5#

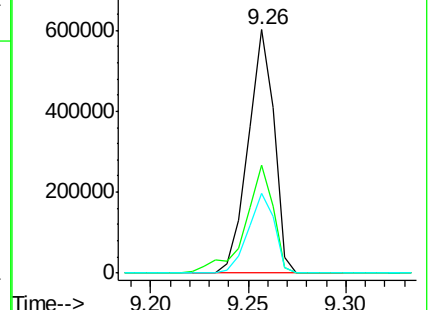
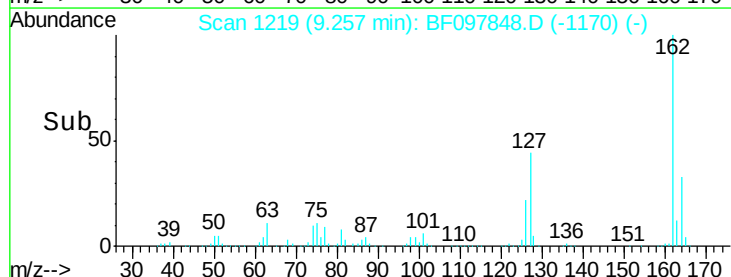
164 33.0 27.0 40.4

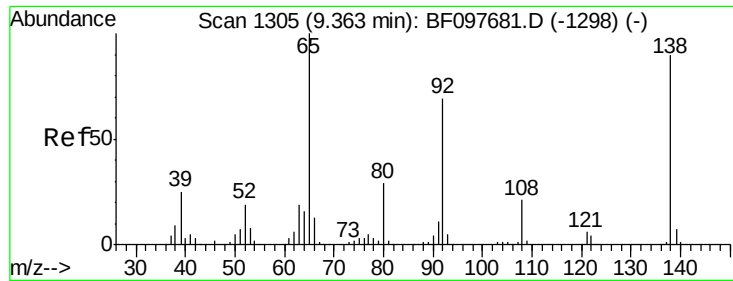


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

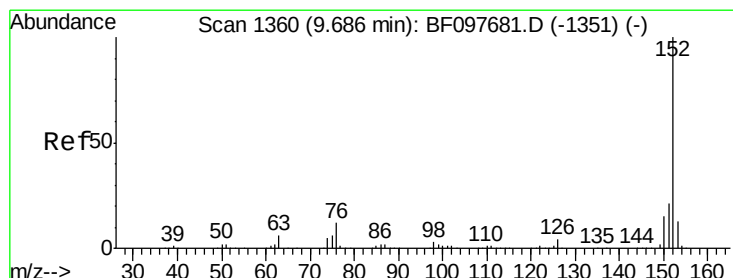
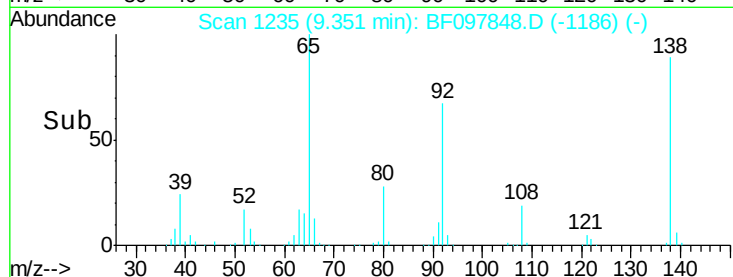
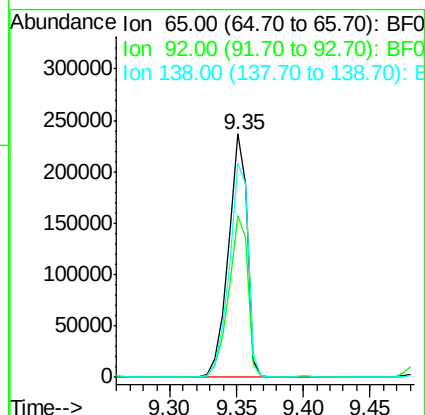
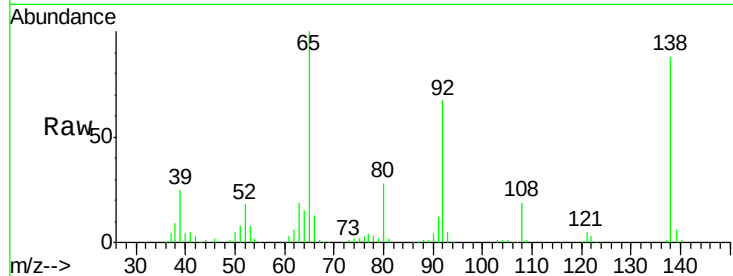




#47
 2-Nitroaniline
 Concen: 48.74 ng
 RT: 9.35 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

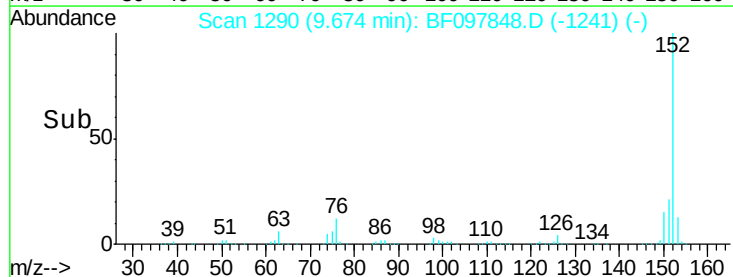
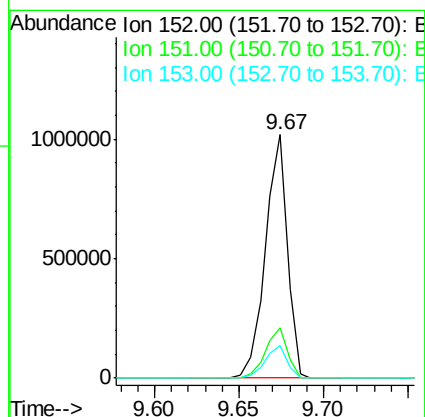
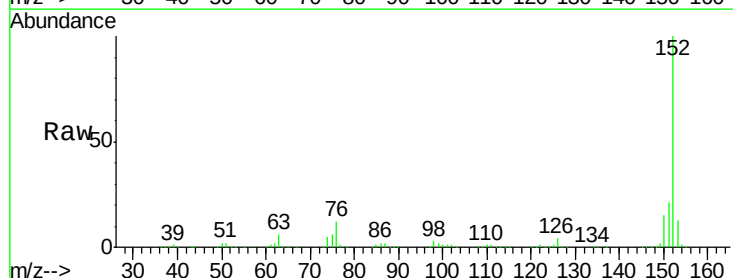
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

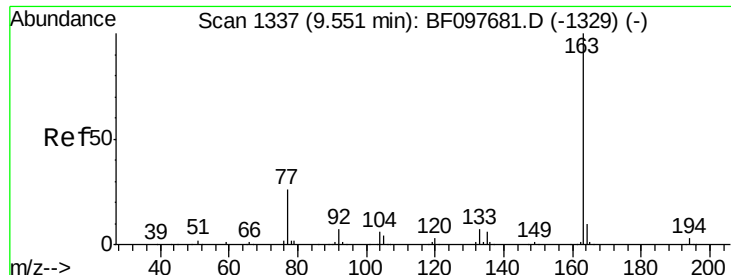
Tot Ion: 65 Resp: 237400
 Ion Ratio Lower Upper
 65 100
 92 66.6 53.9 80.9
 138 88.1 78.8 118.2



#48
 Acenaphthylene
 Concen: 40.21 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion: 152 Resp: 917350
 Ion Ratio Lower Upper
 152 100
 151 20.7 16.8 25.2
 153 13.2 10.8 16.2

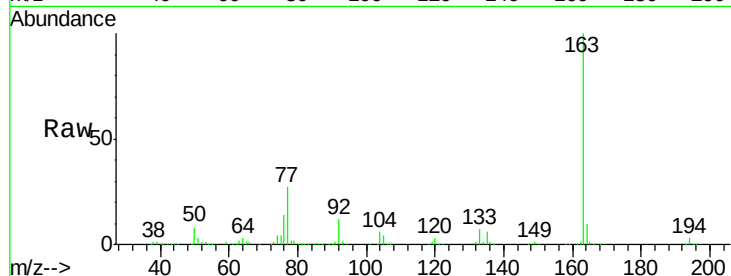




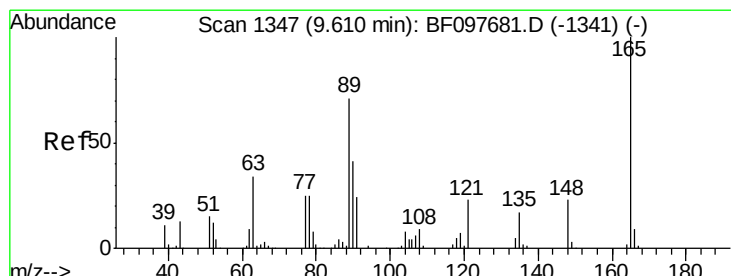
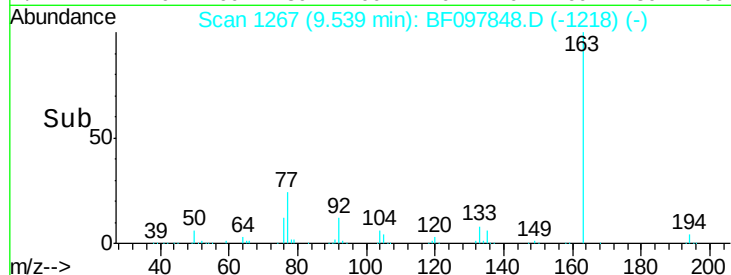
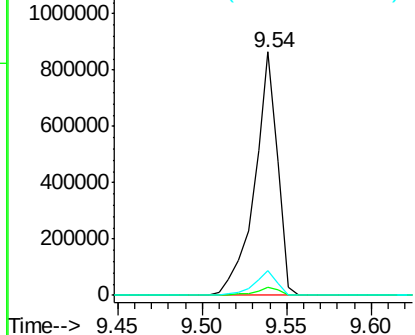
#49
Dimethylphthalate
Concen: 51.65 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6

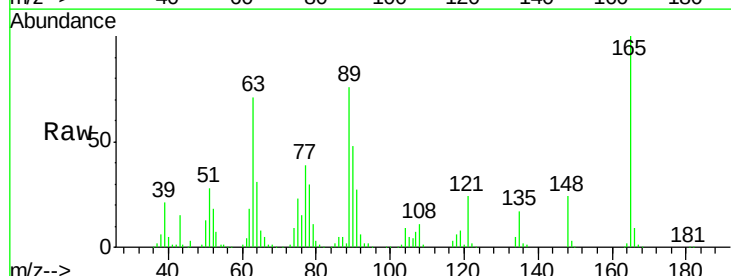


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

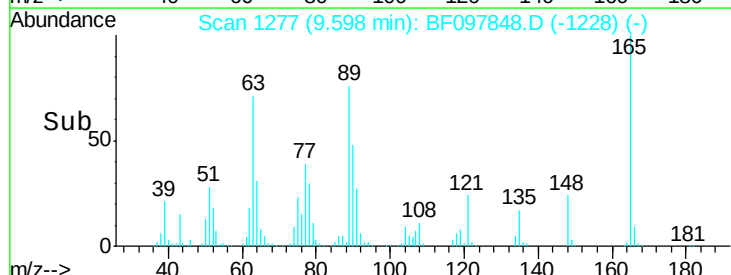
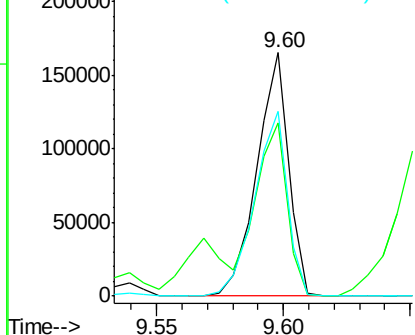


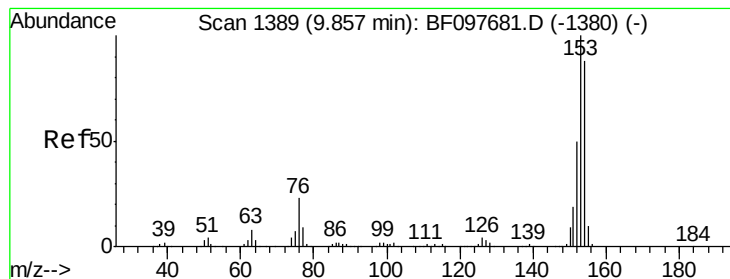
#50
2,6-Dinitrotoluene
Concen: 46.11 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	71.1	34.3	51.5#
89	76.1	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.04 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

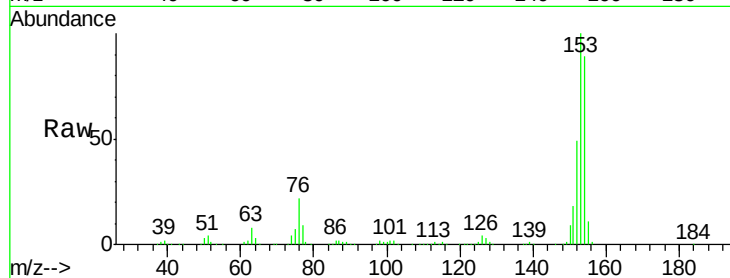
Tot Ion:154 Resp: 576104

Ion Ratio Lower Upper

154 100

153 112.5 90.5 135.7

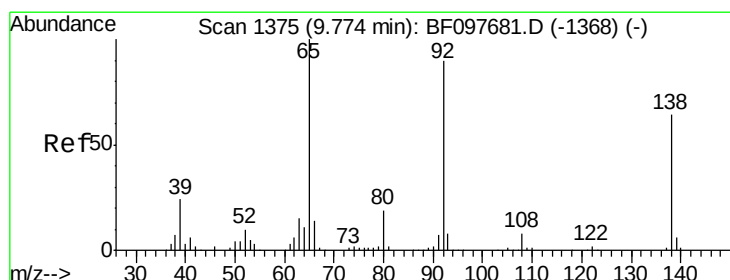
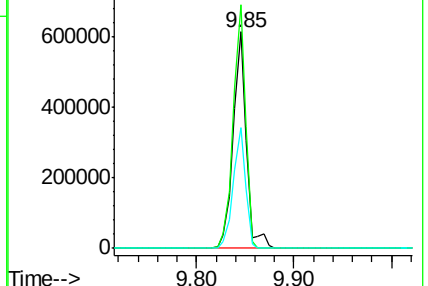
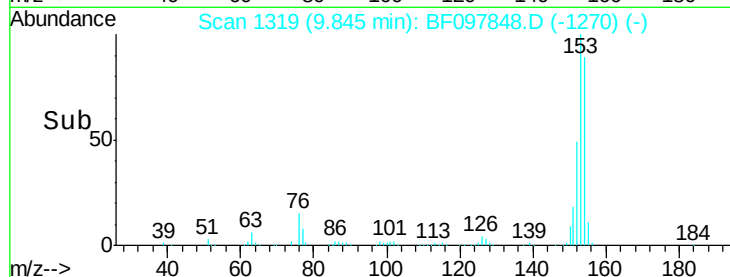
152 55.6 43.6 65.4



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: 39.29 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

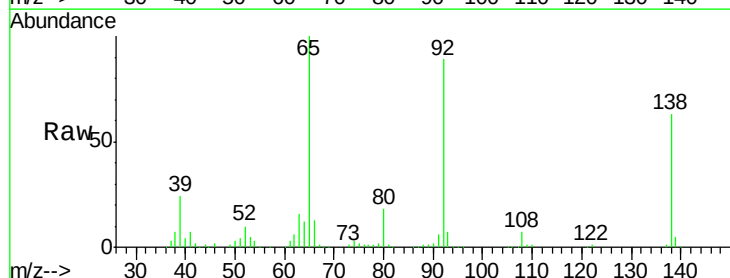
Tgt Ion:138 Resp: 159487

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

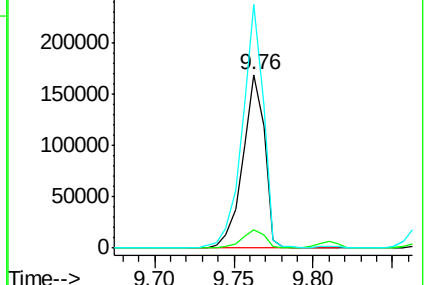
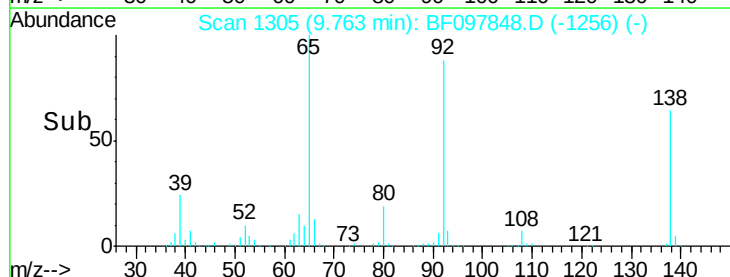
92 140.6 93.8 140.6

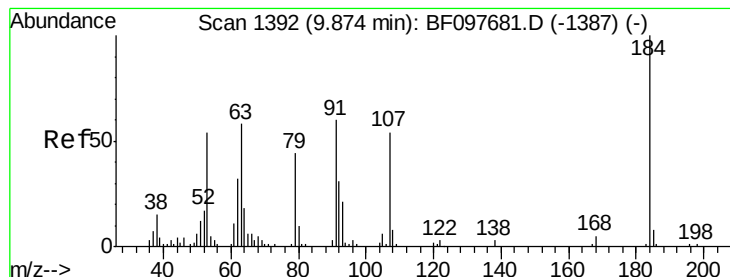


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 41.24 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

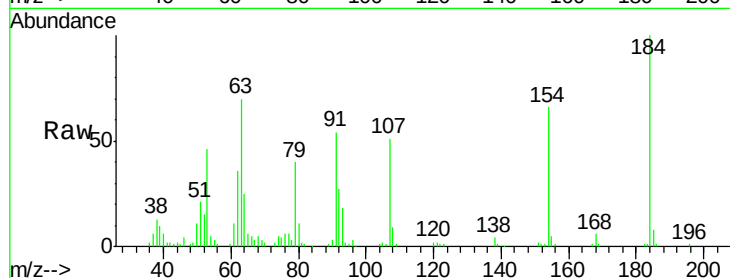
Tot Ion:184 Resp: 53298

Ion Ratio Lower Upper

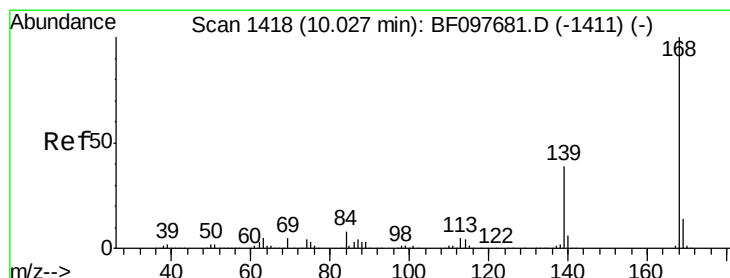
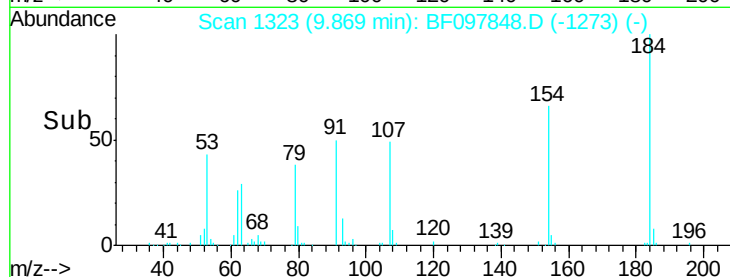
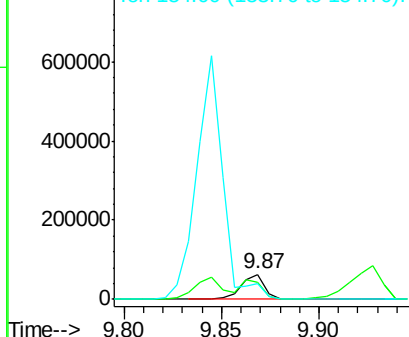
184 100

63 69.7 62.7 94.1

154 65.6 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.45 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

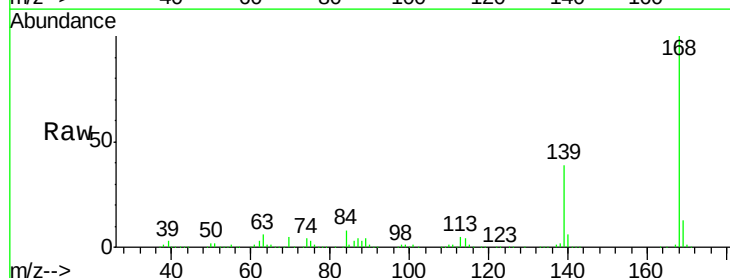
Tgt Ion:168 Resp: 818617

Ion Ratio Lower Upper

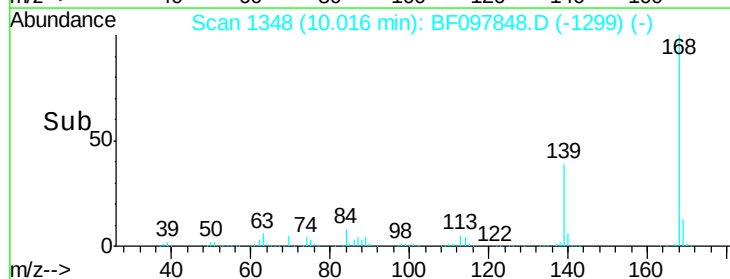
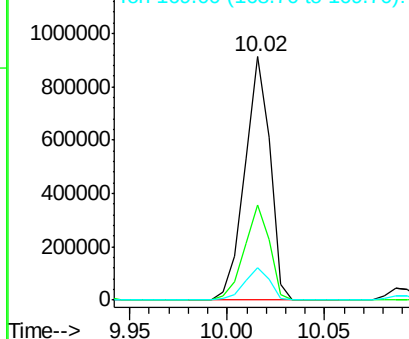
168 100

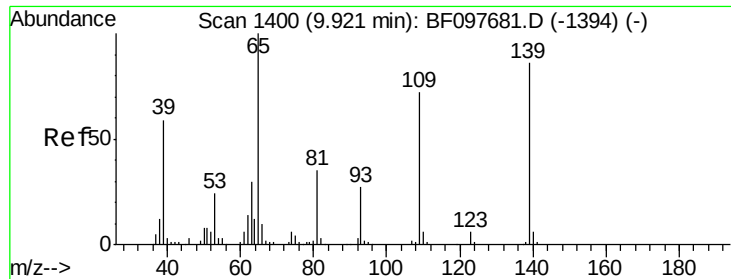
139 39.3 30.6 45.8

169 13.4 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

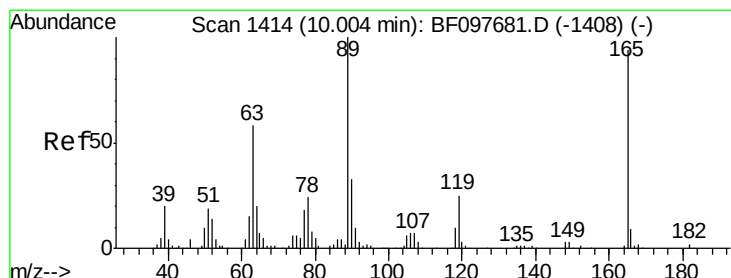
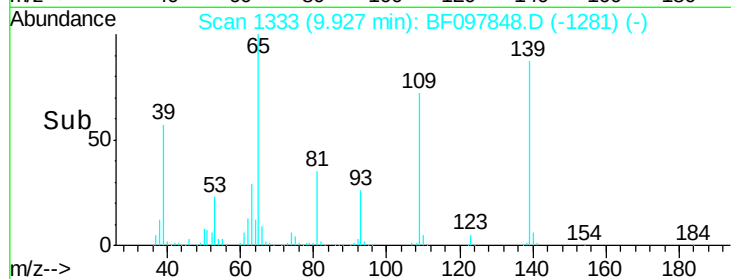
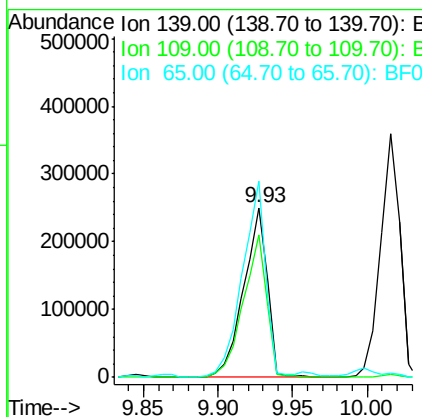
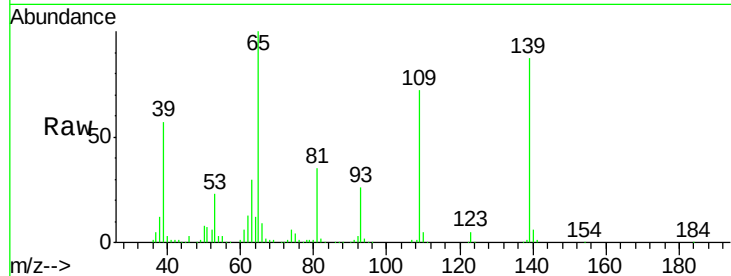




#55
4-Nitrophenol
Concen: 84.89 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

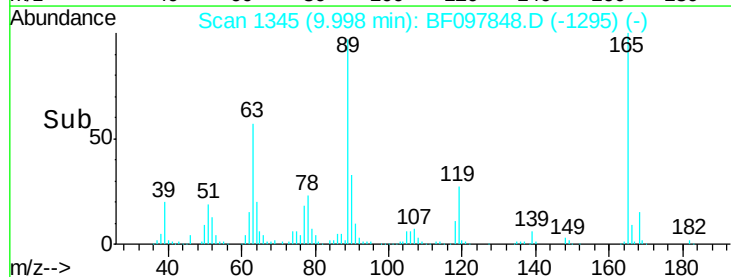
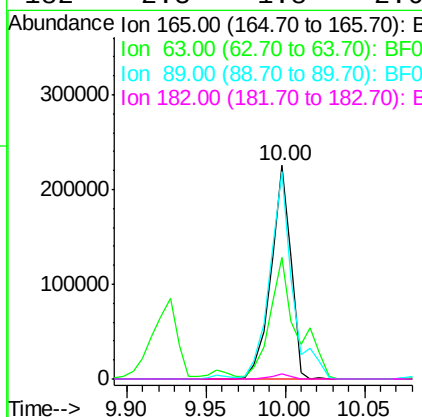
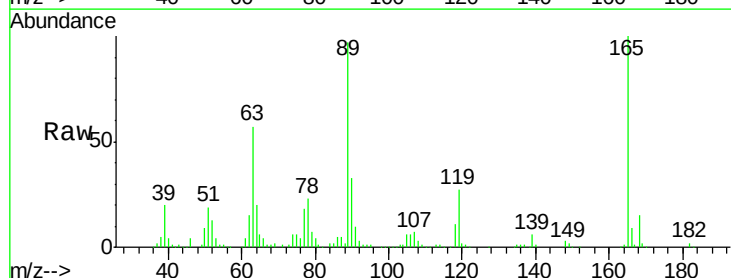
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

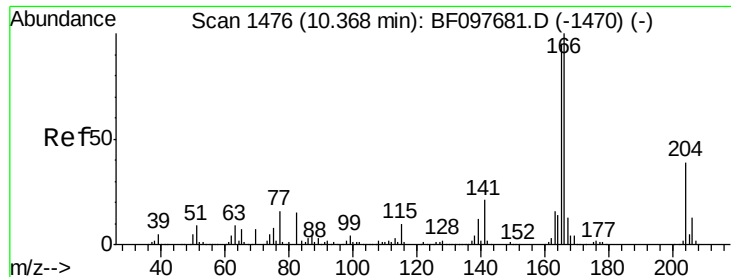
Tot Ion:139 Resp: 274876
Ion Ratio Lower Upper
139 100
109 83.5 34.1 74.1#
65 115.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 50.16 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion:165 Resp: 198048
Ion Ratio Lower Upper
165 100
63 57.1 25.4 38.0#
89 97.0 46.4 69.6#
182 2.3 1.8 2.6





#57

Fluorene

Concen: 39.79 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

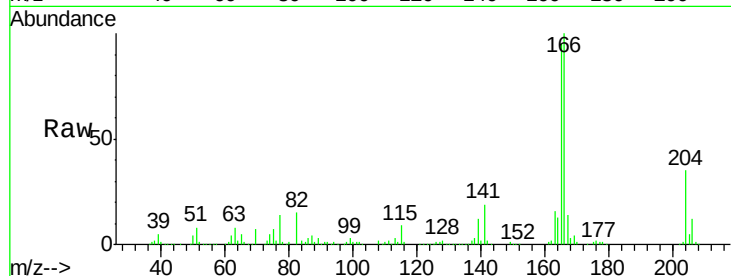
Tot Ion:166 Resp: 593210

Ion Ratio Lower Upper

166 100

165 94.8 78.8 118.2

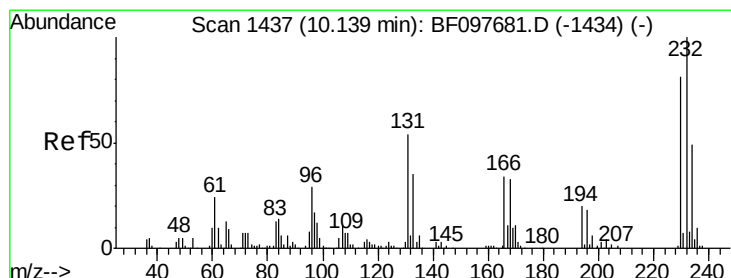
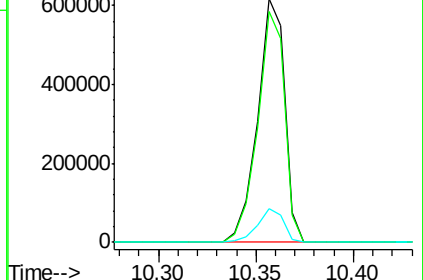
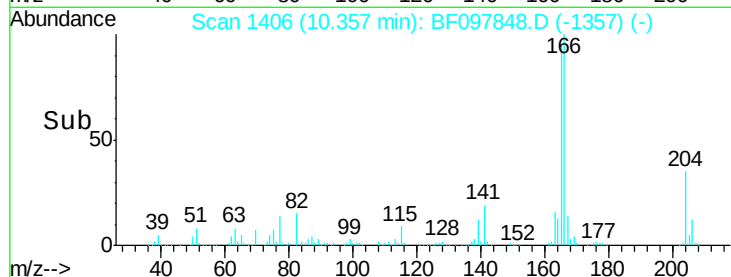
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.90 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Tgt Ion:232 Resp: 160033

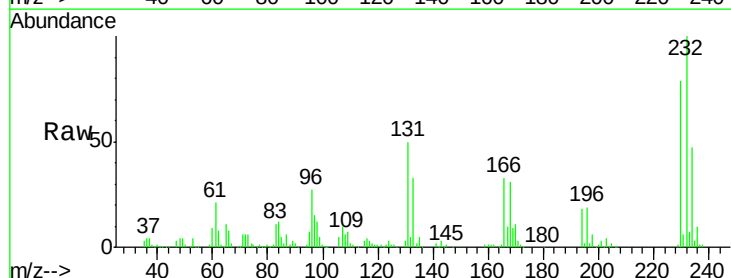
Ion Ratio Lower Upper

232 100

131 53.4 44.8 67.2

130 3.0 2.3 3.5

166 33.5 29.0 43.4

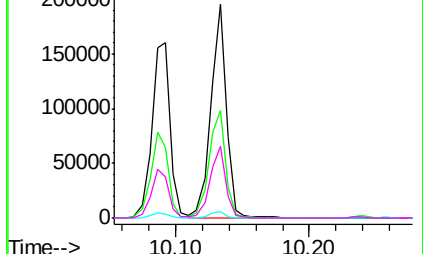
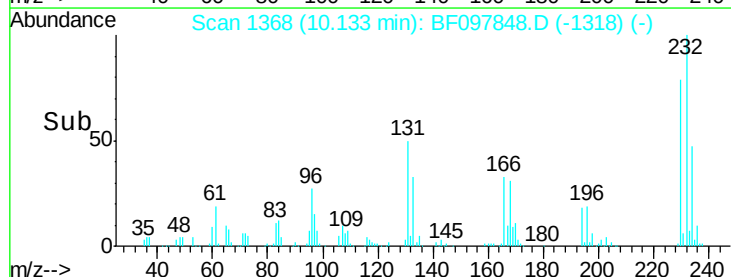


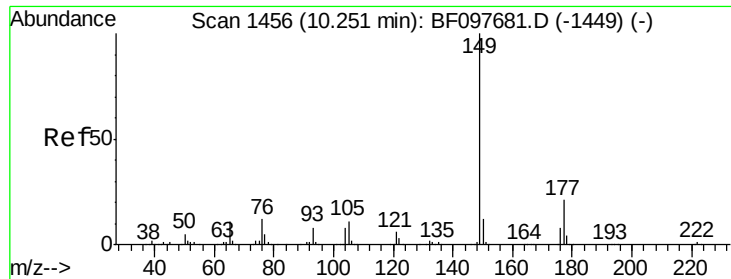
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

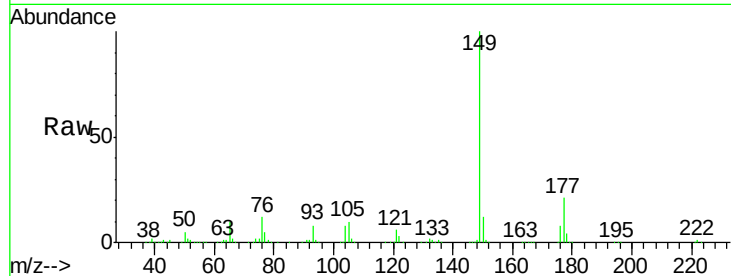




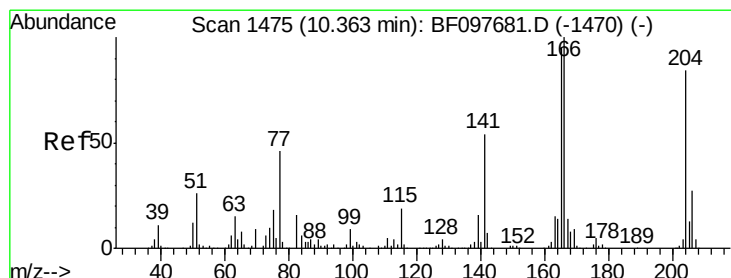
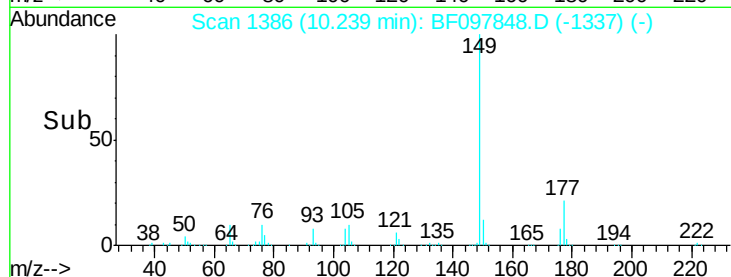
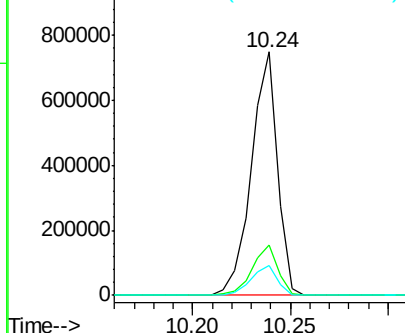
#59
Diethylphthalate
Concen: 41.94 ng
RT: 10.24 min Scan# 1386
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion:149 Resp: 691217
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.5 10.2 15.2

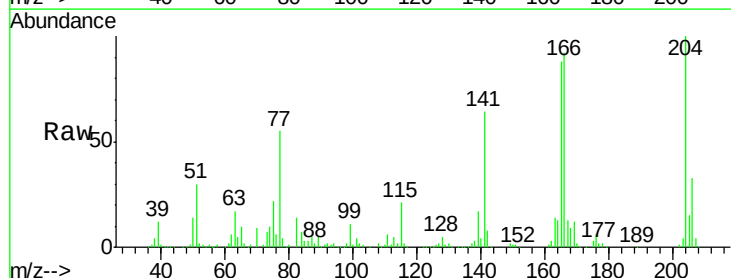


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

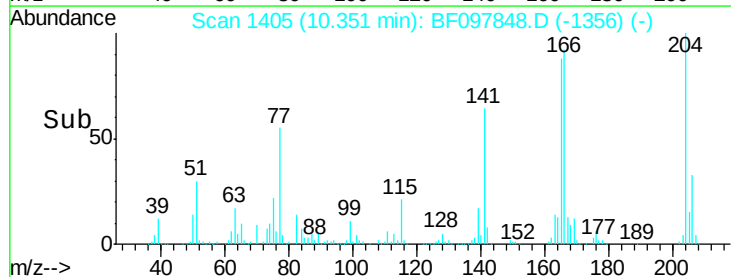
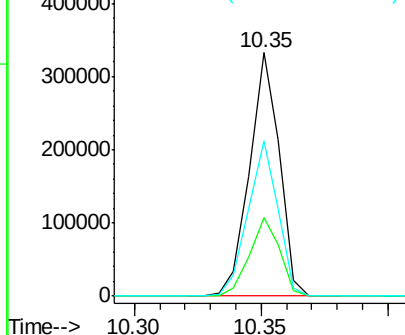


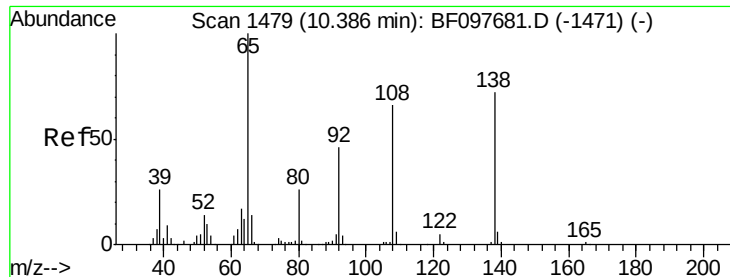
#60
4-Chlorophenyl-phenylether
Concen: 39.11 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion:204 Resp: 270918
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 64.0 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

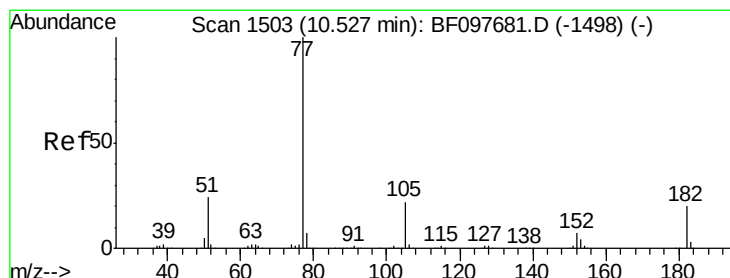
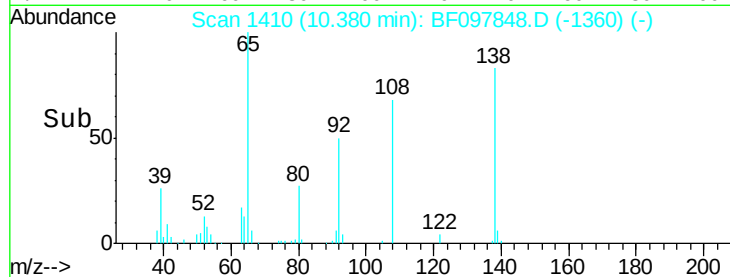
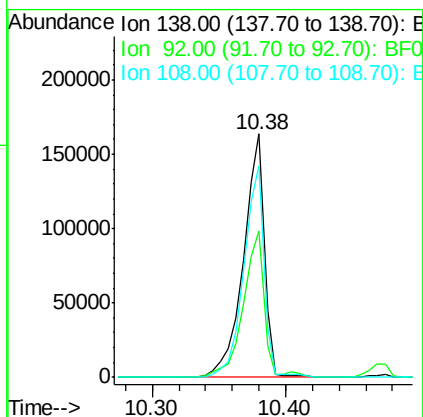
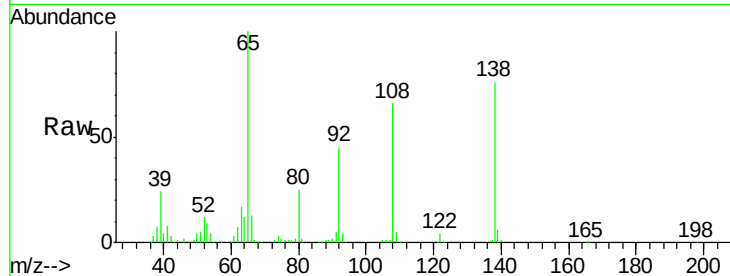




#61
4-Nitroaniline
Concen: 46.02 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

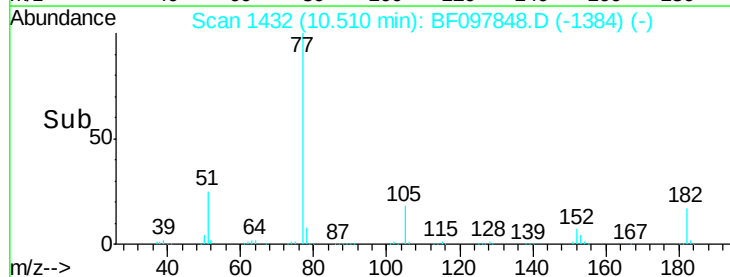
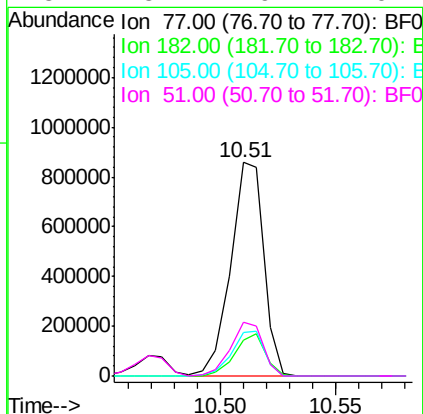
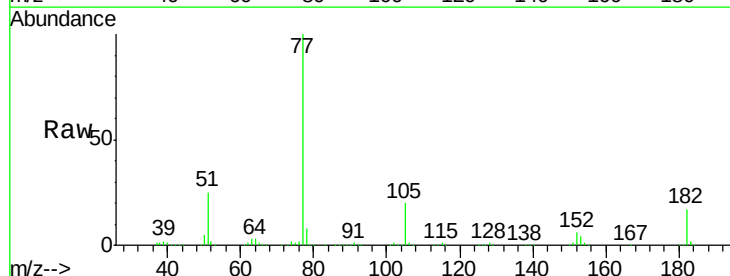
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

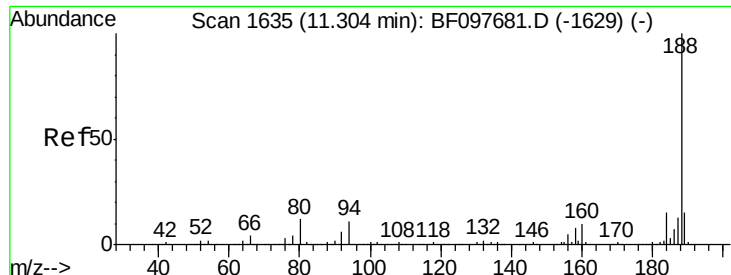
Tot Ion:138 Resp: 177561
Ion Ratio Lower Upper
138 100
92 60.0 21.8 61.8
108 87.0 42.3 82.3#



#62
Azobenzene
Concen: 43.75 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion: 77 Resp: 856550
Ion Ratio Lower Upper
77 100
182 16.5 0.1 40.1
105 20.4 3.6 43.6
51 25.2 9.4 49.4

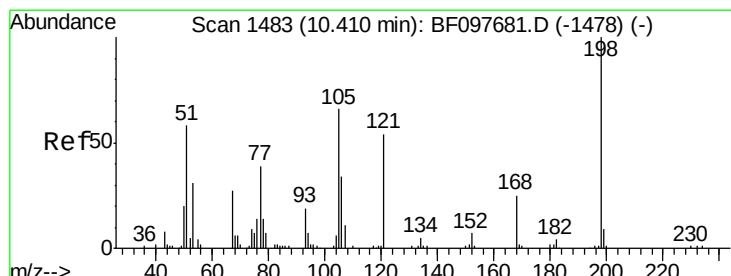
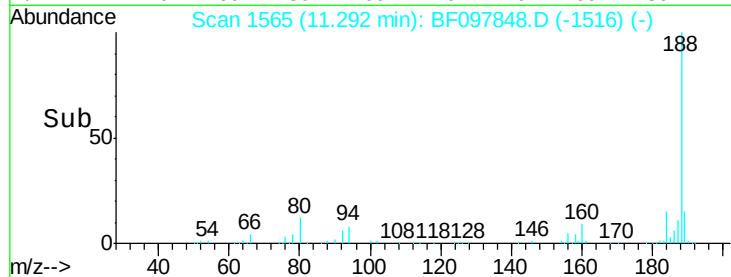
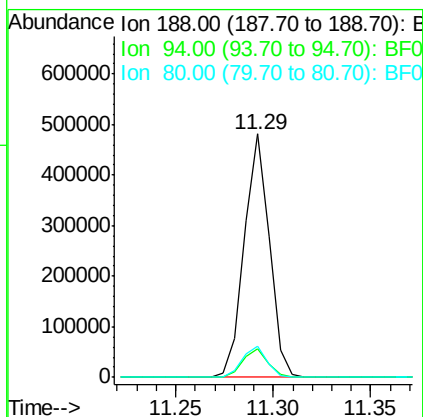
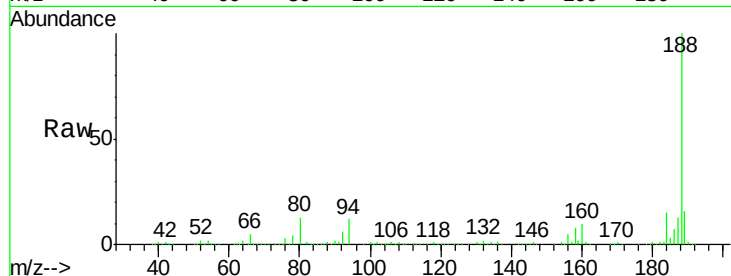




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

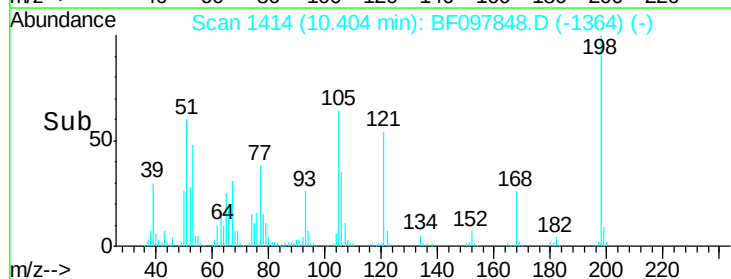
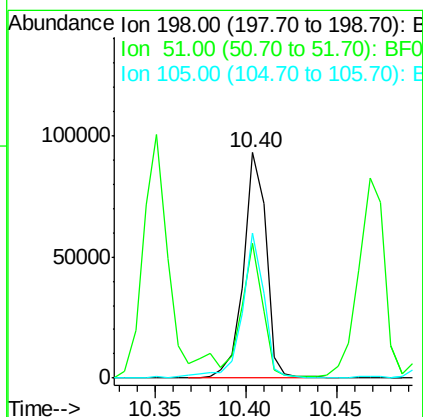
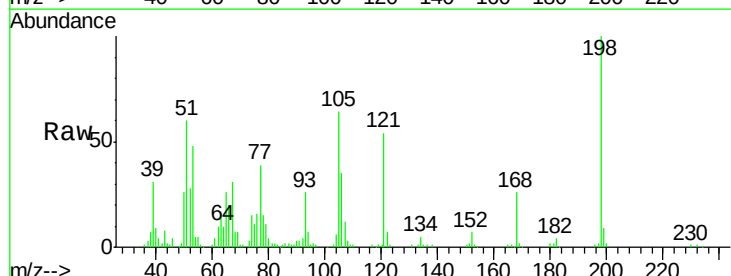
Instrument :
BNA_F
ClientSampleId :
E4-24MSD

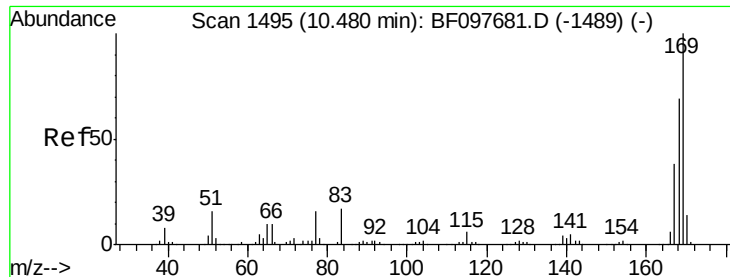
Tot Ion:188 Resp: 430226
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 12.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.16 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion:198 Resp: 80550
Ion Ratio Lower Upper
198 100
51 59.8 53.2 93.2
105 64.5 45.8 85.8

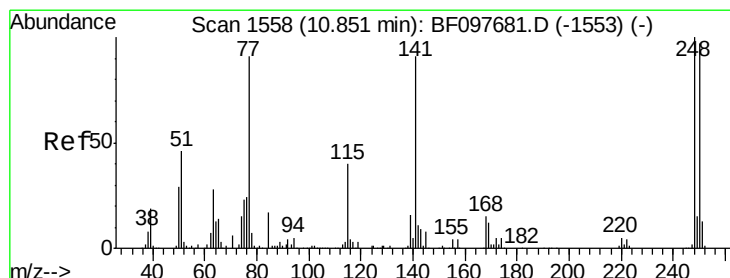
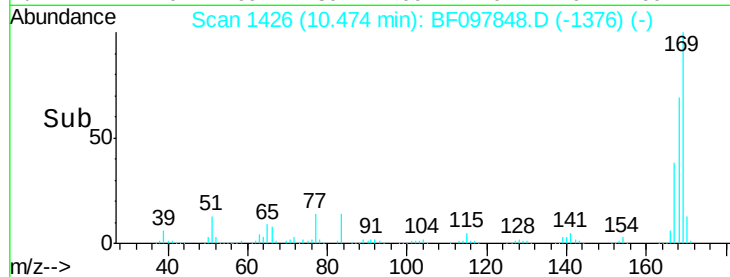
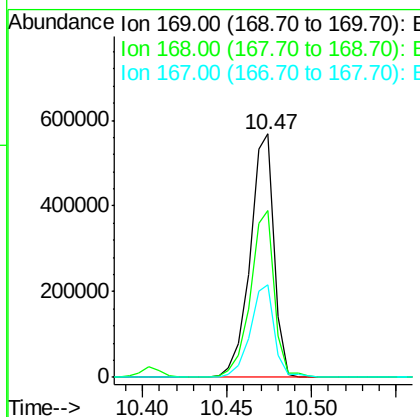
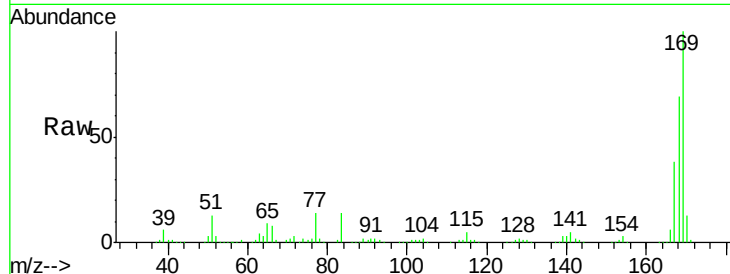




#65
 n-Nitrosodiphenylamine
 Concen: 38.44 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

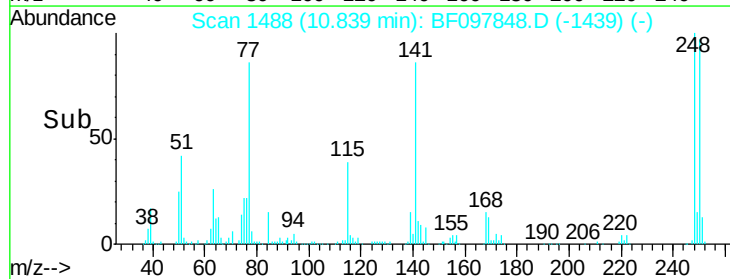
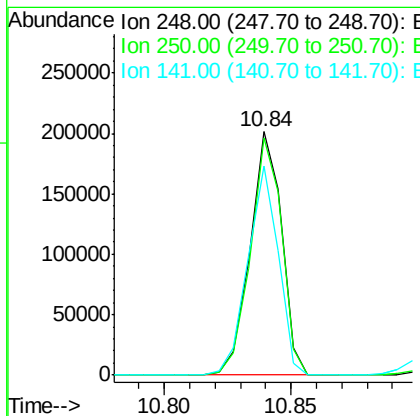
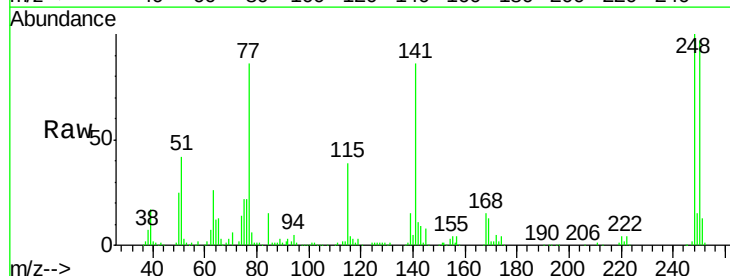
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

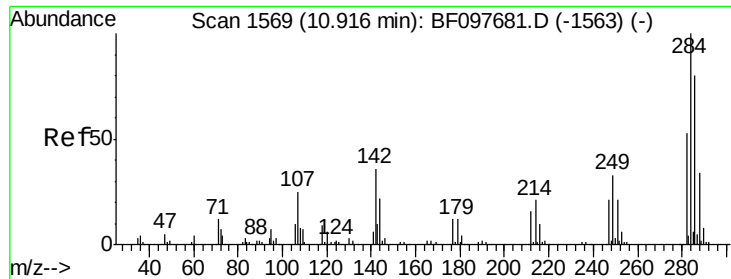
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.6	53.2	79.8
167	38.3	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.12 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.8	115.2
141	85.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 37.13 ng

RT: 10.90 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

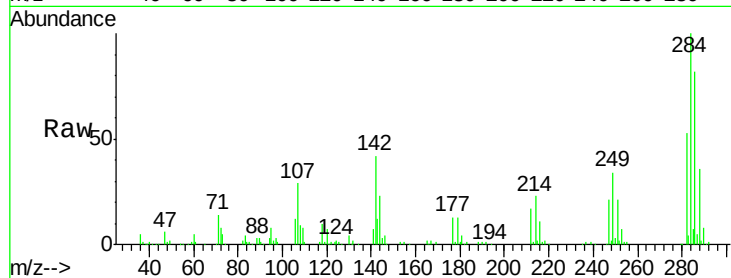
Tot Ion:284 Resp: 169060

Ion Ratio Lower Upper

284 100

142 41.6 22.8 34.2#

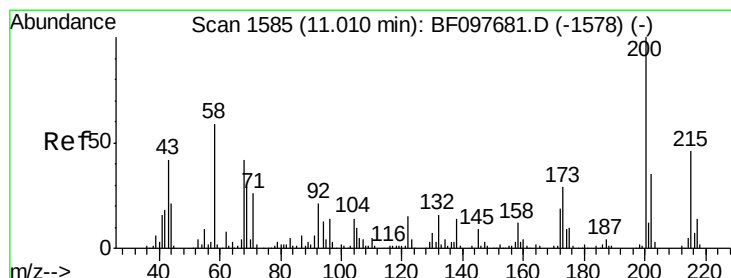
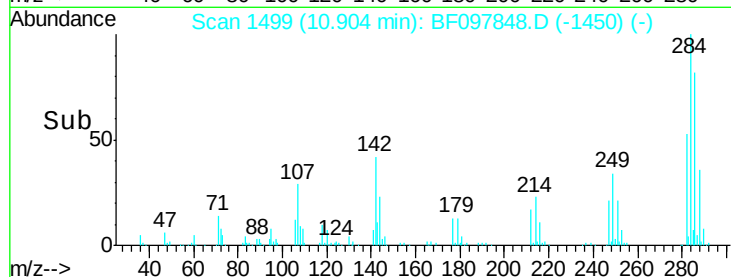
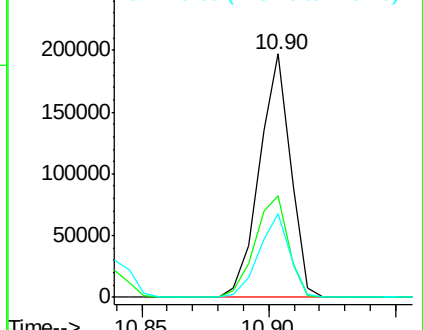
249 34.5 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.81 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

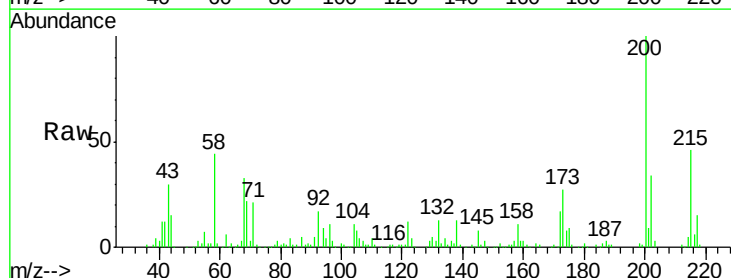
Tgt Ion:200 Resp: 174083

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

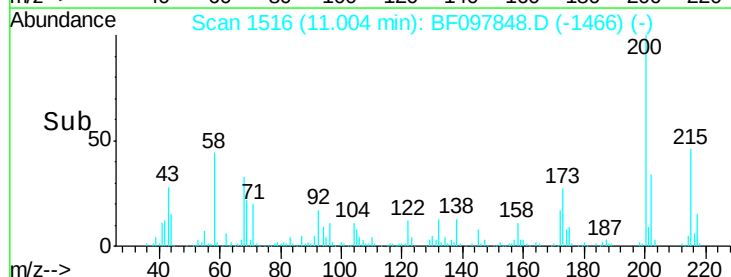
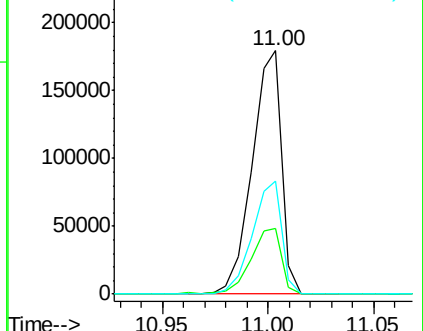
215 46.4 27.2 67.2

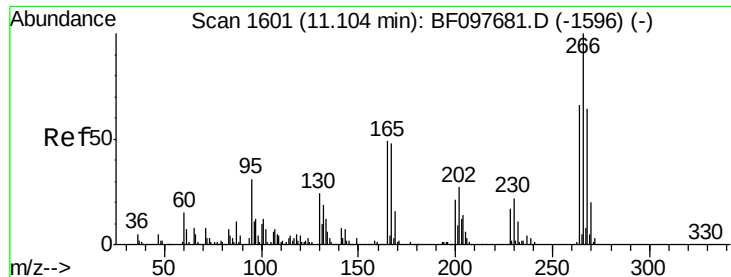


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

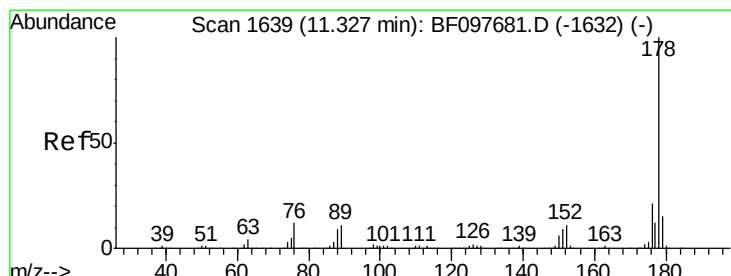
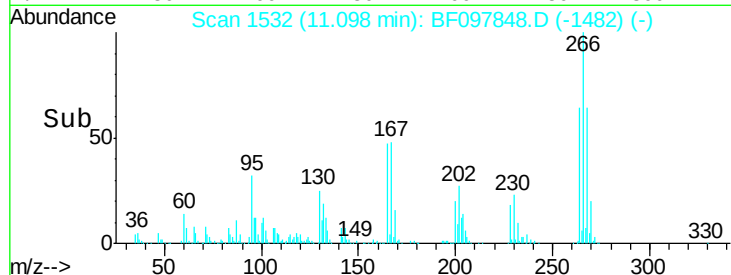
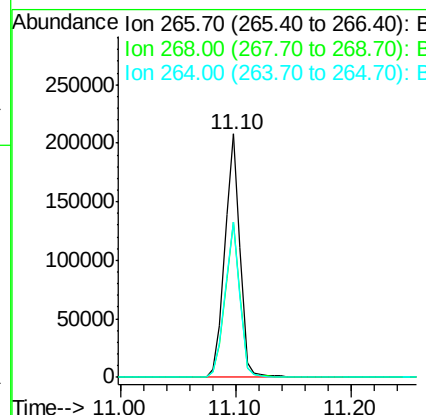
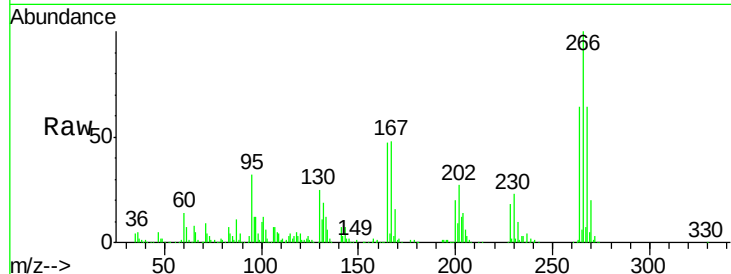




#69
 Pentachlorophenol
 Concen: 71.30 ng
 RT: 11.10 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

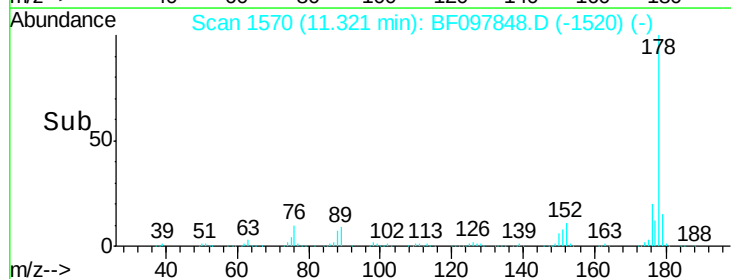
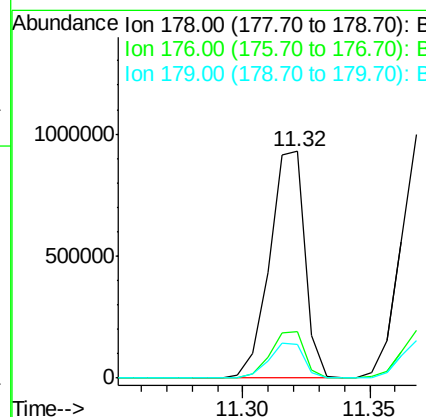
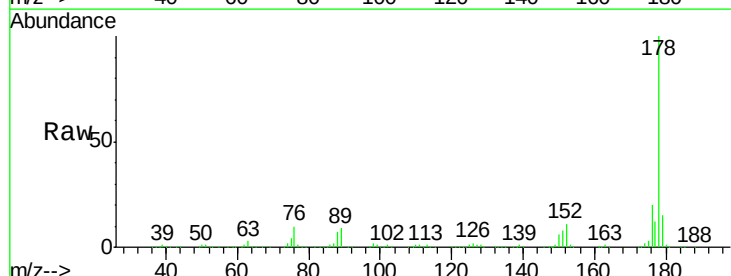
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

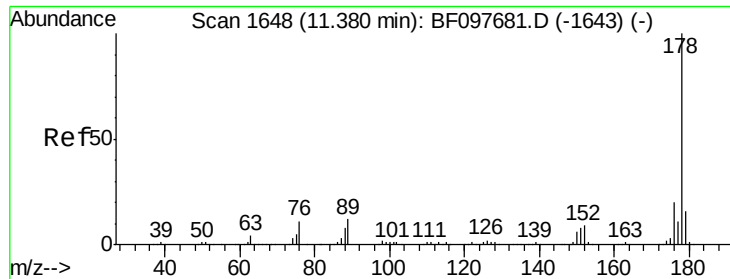
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.1	76.7
264	63.5	51.7	77.5



#70
 Phenanthrene
 Concen: 39.57 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.2	24.4
179	15.0	12.6	19.0

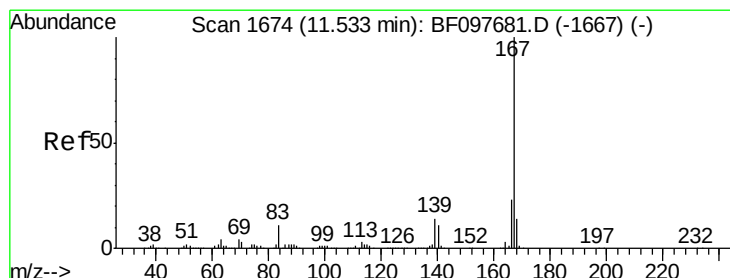
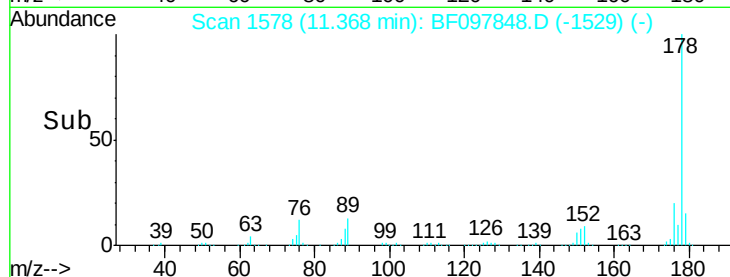
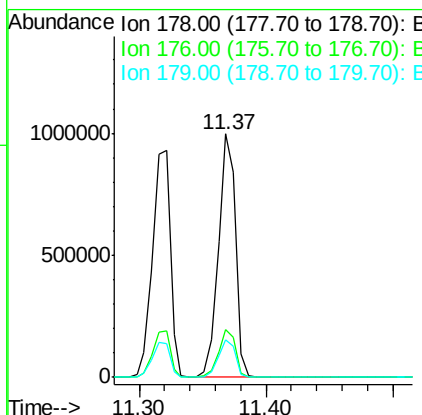
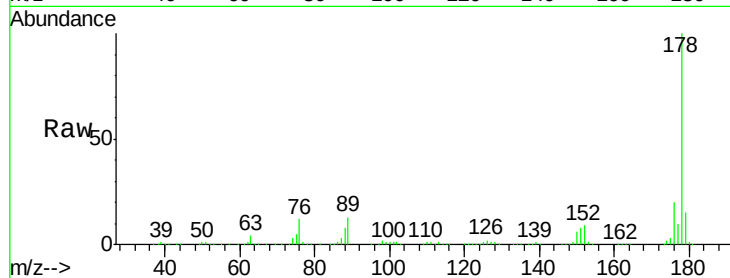




#71
 Anthracene
 Concen: 40.74 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

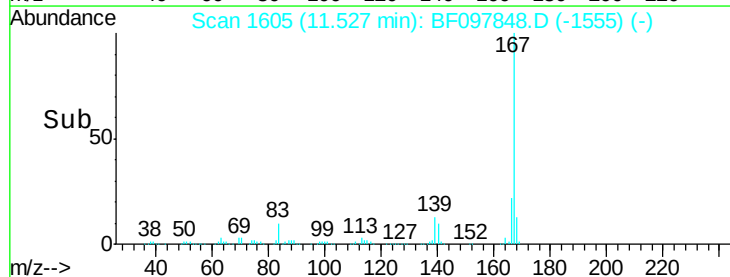
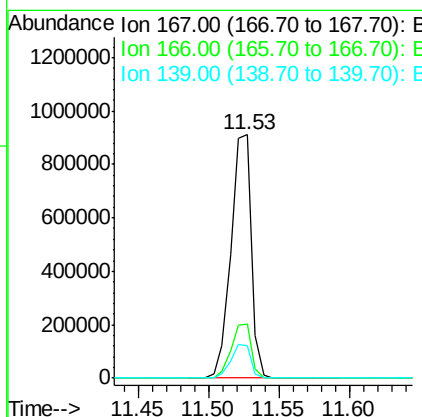
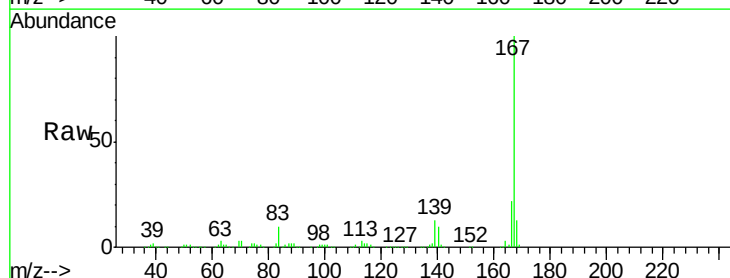
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

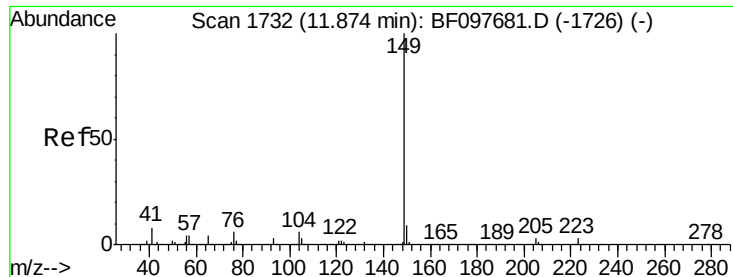
Tot Ion:178 Resp: 947196
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 41.43 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion:167 Resp: 914480
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 13.2 11.7 17.5





#73

Di-n-butylphthalate

Concen: 42.03 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

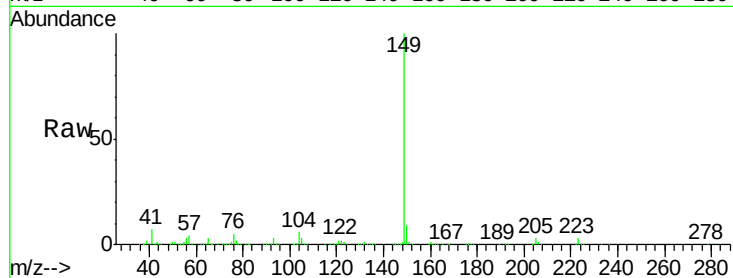
Tot Ion:149 Resp: 1068674

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

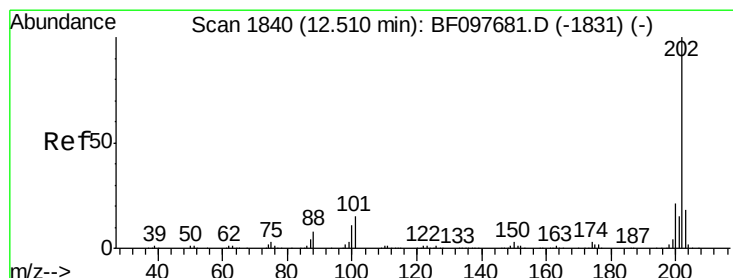
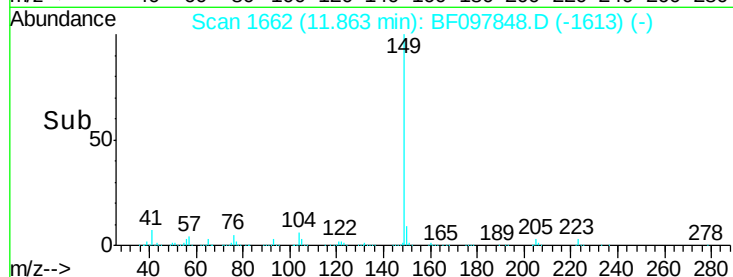
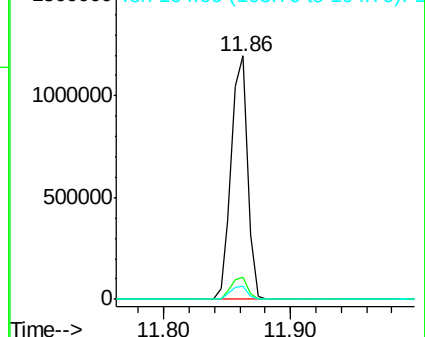
104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.78 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

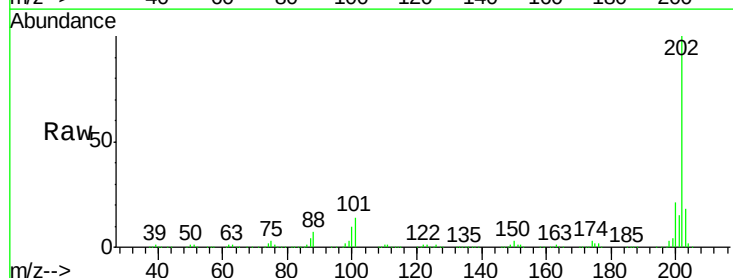
Tgt Ion:202 Resp: 999709

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

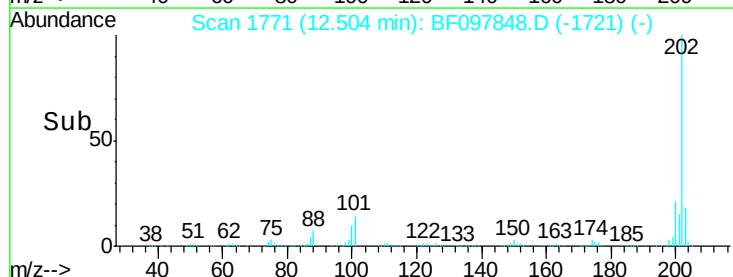
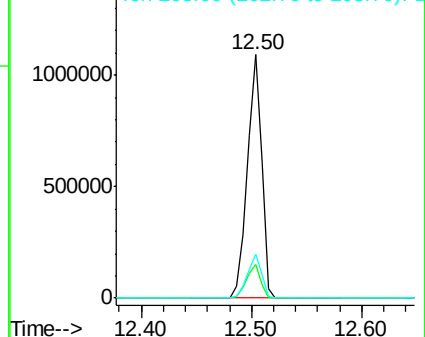
203 18.1 0.0 38.1

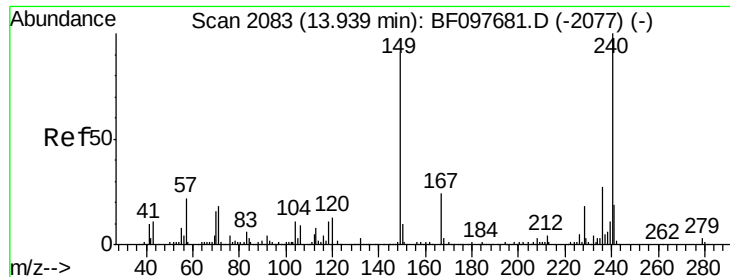


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

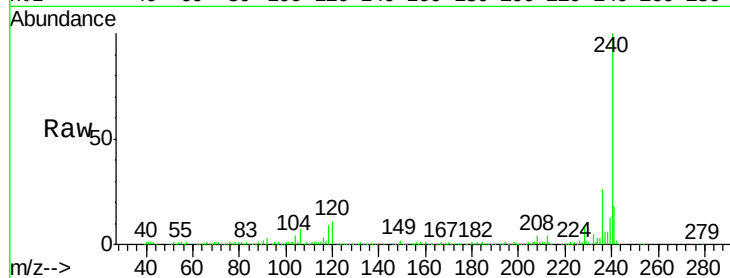
Tot Ion:240 Resp: 355014

Ion Ratio Lower Upper

240 100

120 10.8 5.8 8.8#

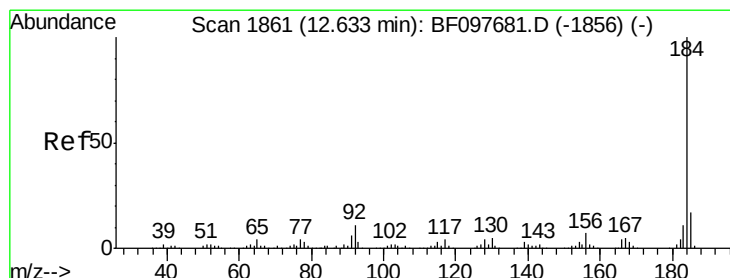
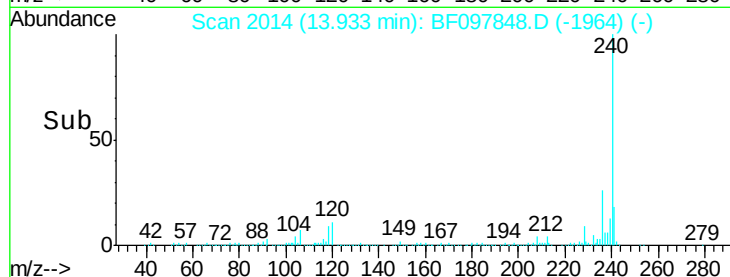
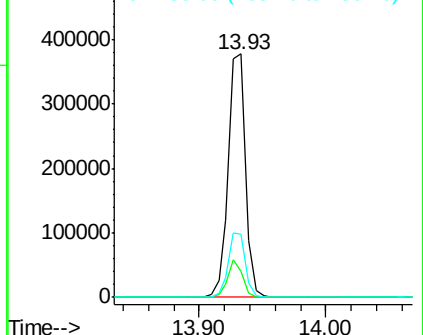
236 26.0 20.5 30.7



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: 27.14 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

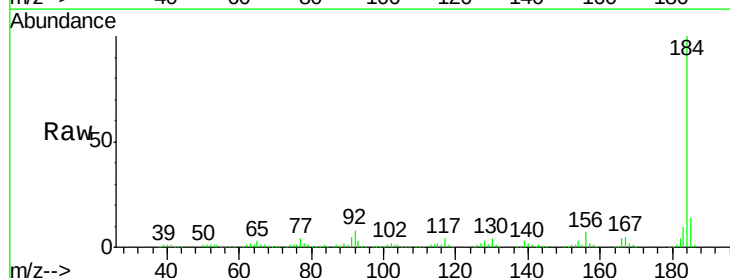
Tgt Ion:184 Resp: 315937

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

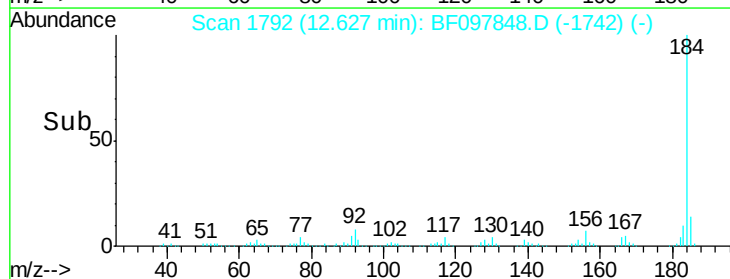
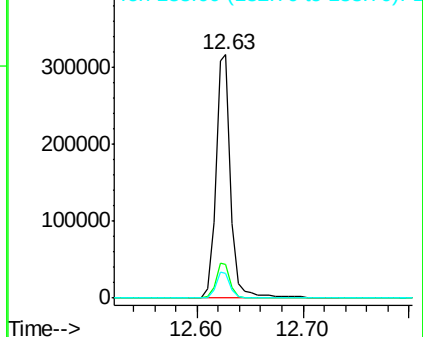
183 10.4 9.8 14.6

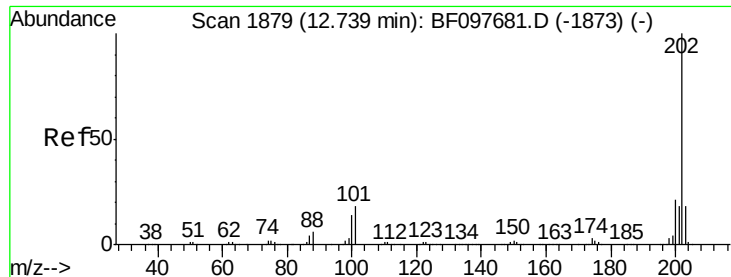


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

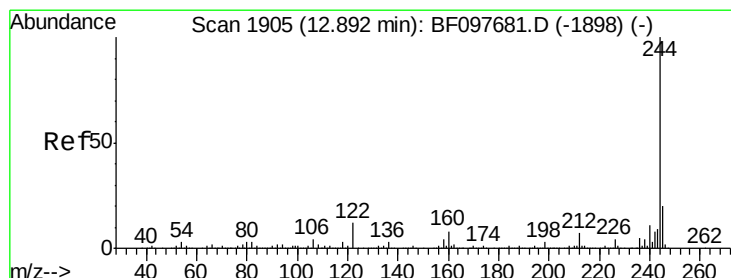
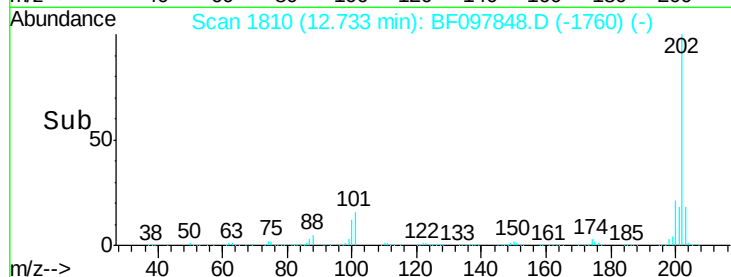
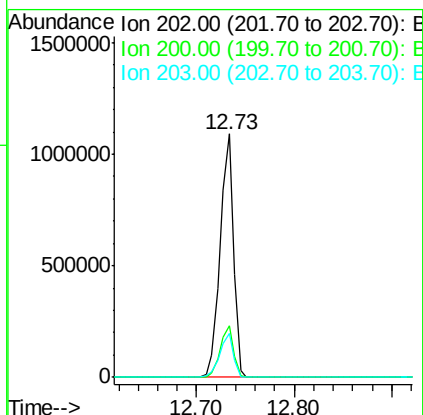
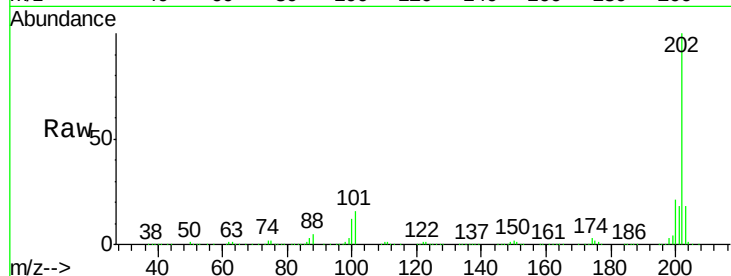




#77
Pvrene
Concen: 35.80 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

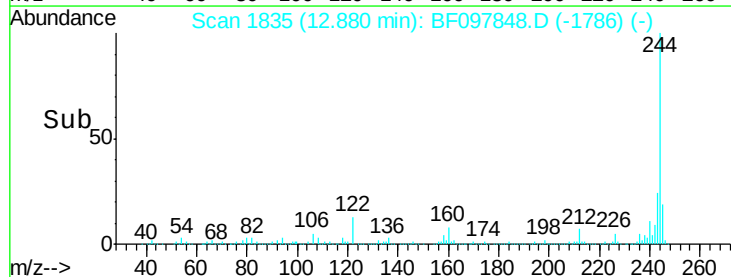
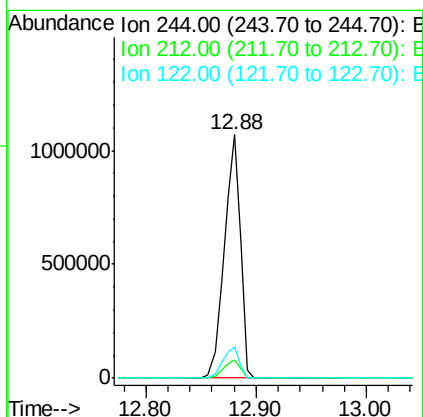
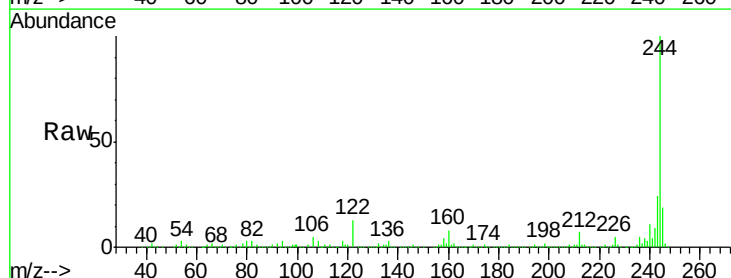
Instrument :
BNA_F
ClientSampled :
E4-24MSD

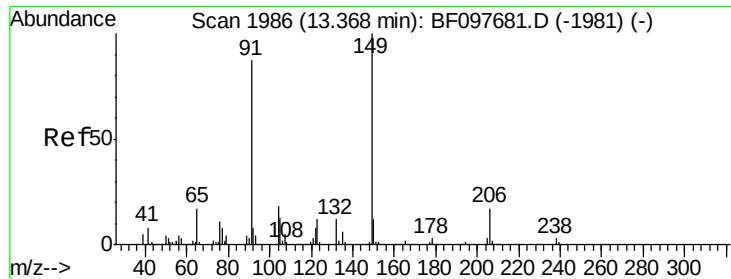
Tot Ion:202 Resp: 1039620
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 63.58 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion:244 Resp: 1082446
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.9 10.3 15.5

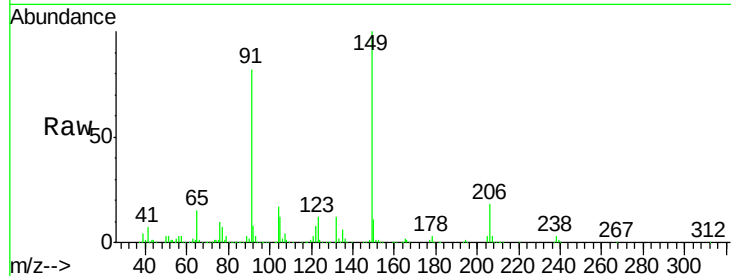




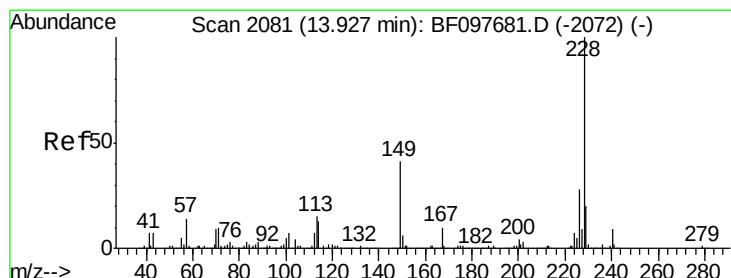
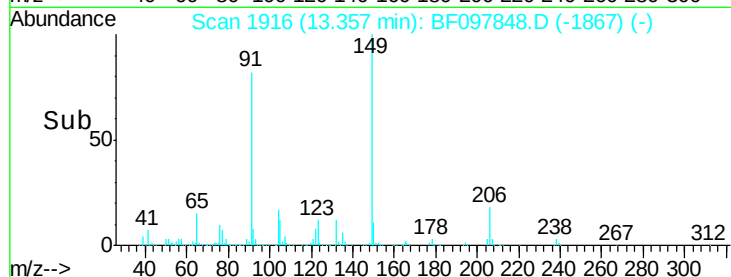
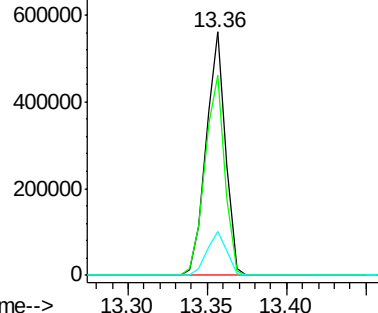
#79
Butylbenzylphthalate
Concen: 42.67 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Instrument :
BNA_F
ClientSampleId :
E4-24MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	82.2	45.0	67.4
206	18.3	17.0	25.6

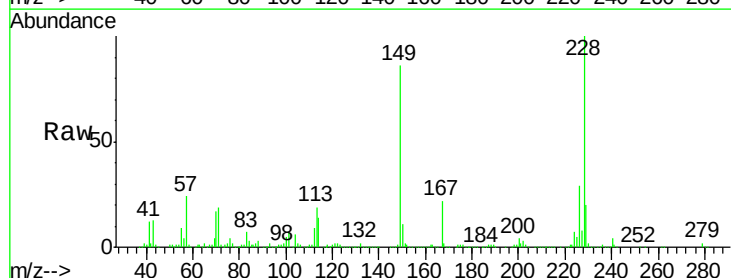


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

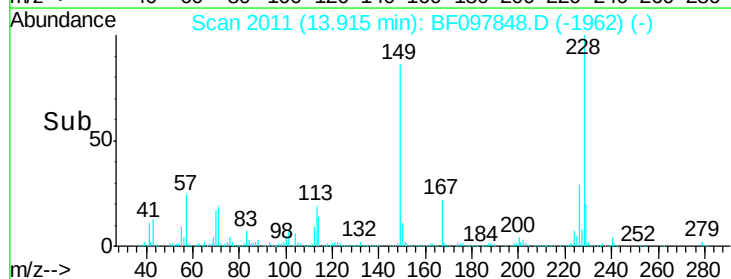
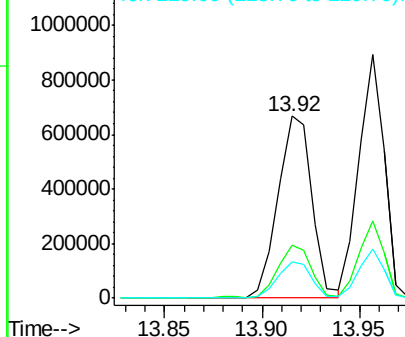


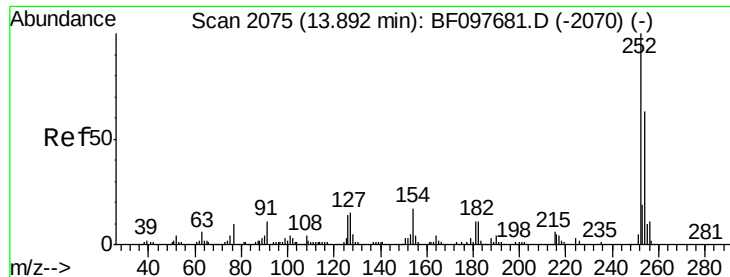
#80
Benzo(a)anthracene
Concen: 37.81 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF097848.D
Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	20.0	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

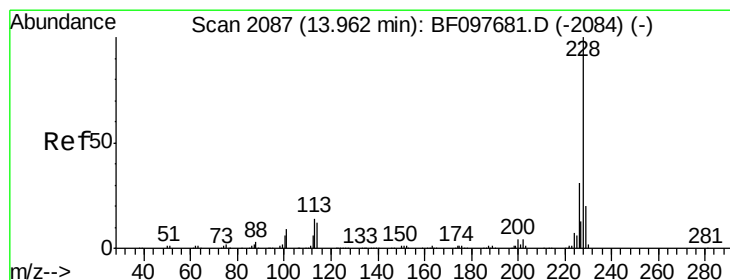
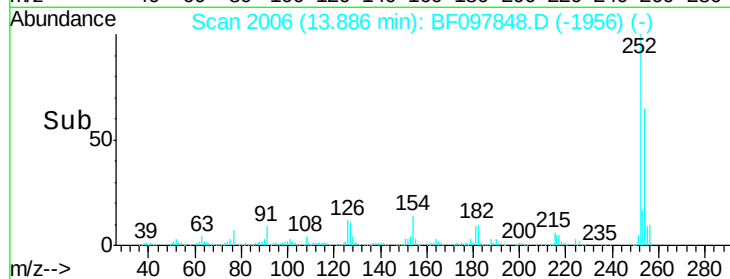
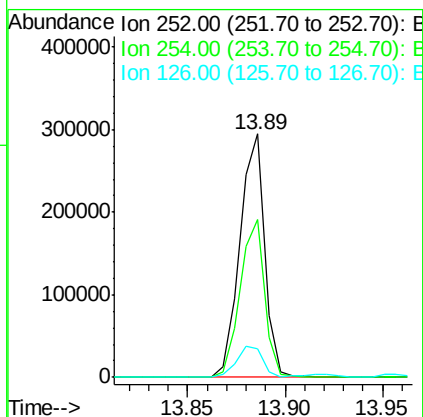
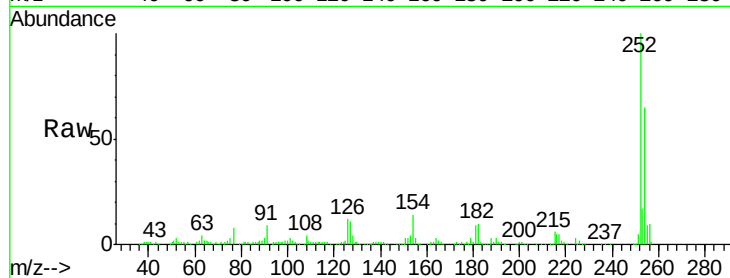




#81
 3,3'-Dichlorobenzidine
 Concen: 36.26 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

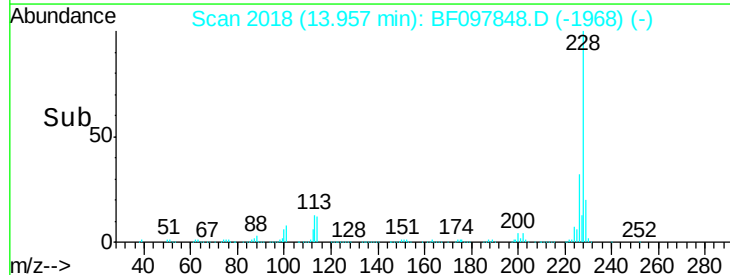
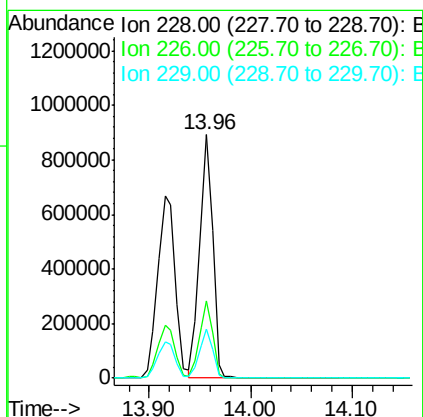
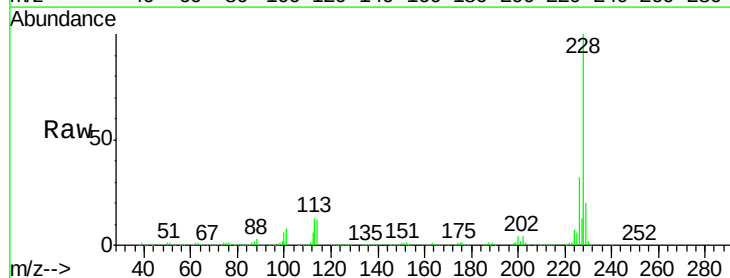
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

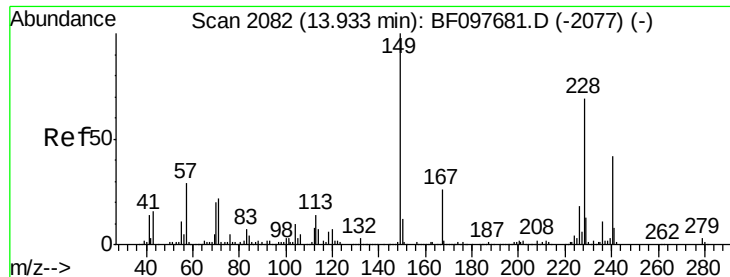
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	12.0	15.8	23.8#



#82
 Chrysene
 Concen: 38.45 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.2	15.8	23.6

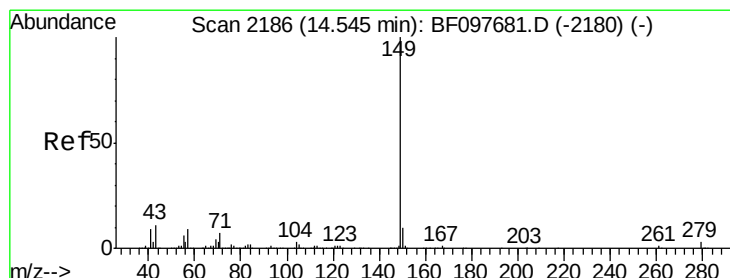
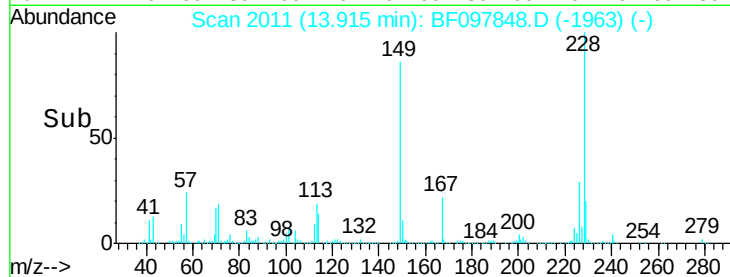
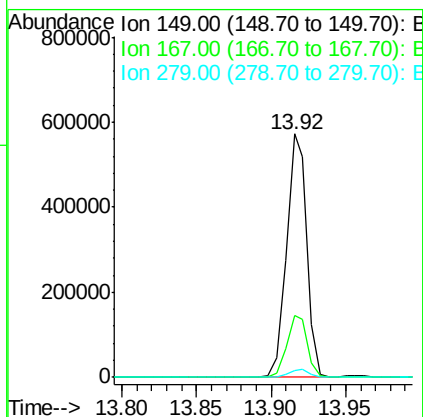
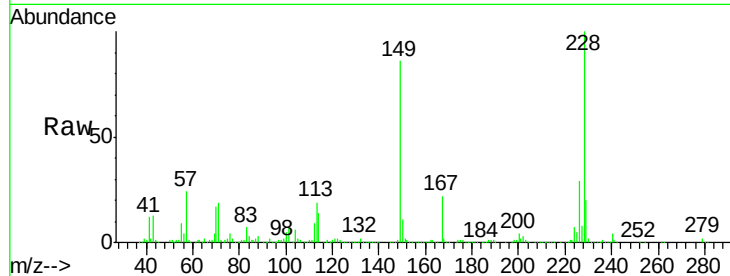




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.45 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.02 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

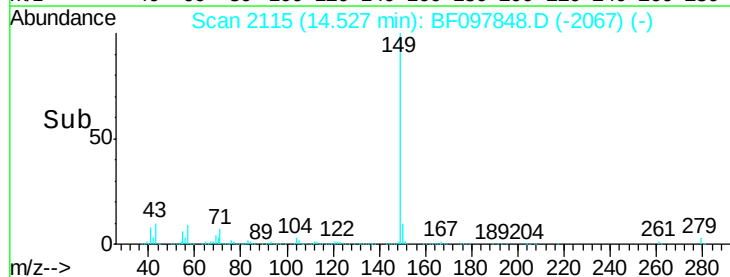
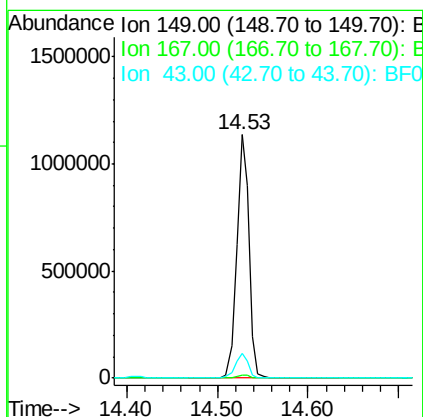
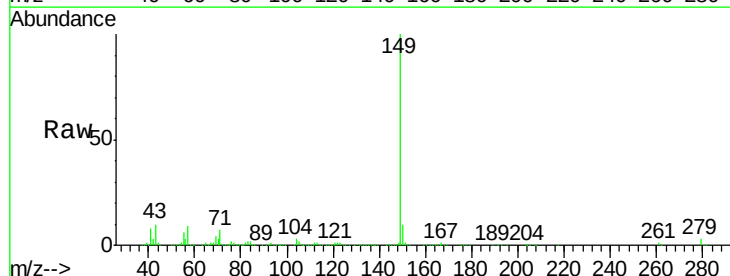
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

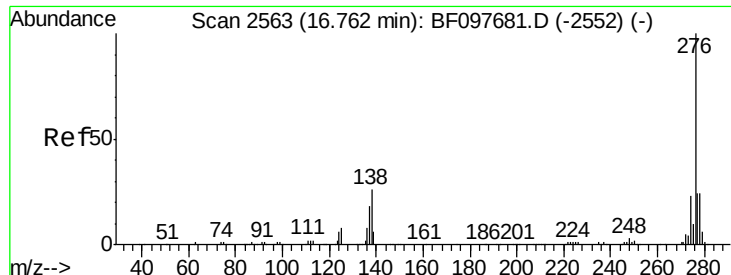
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	2.9	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 50.17 ng
 RT: 14.53 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.1	8.5	12.7

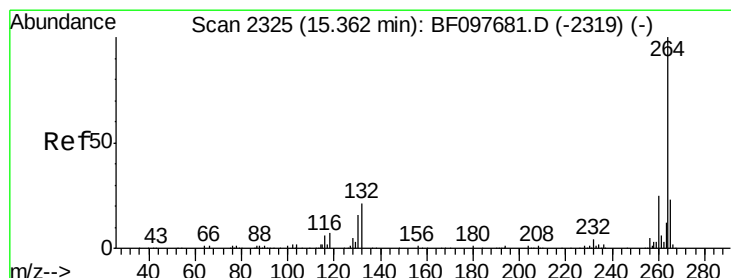
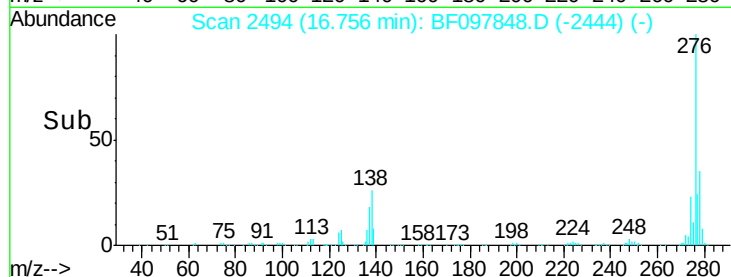
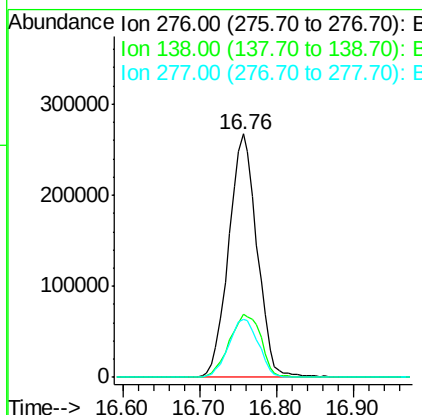
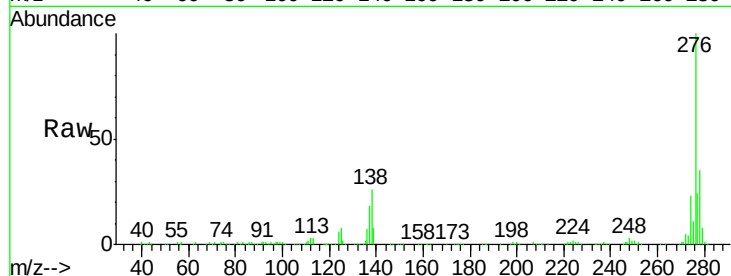




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.25 ng
 RT: 16.76 min Scan# 2494
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

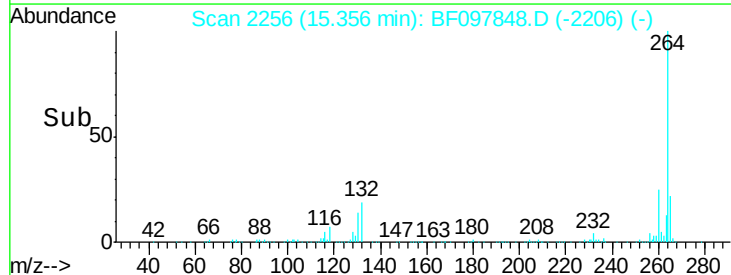
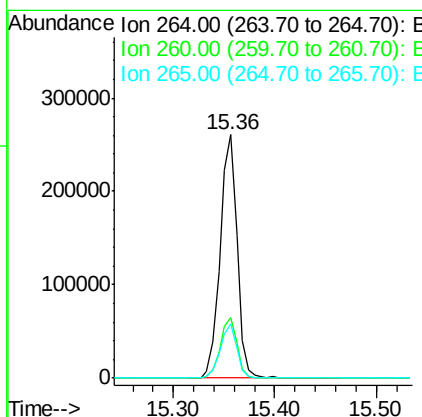
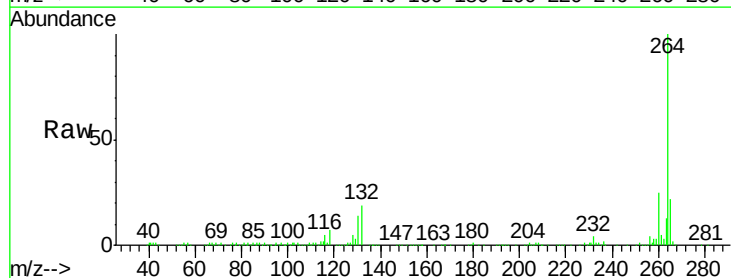
Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

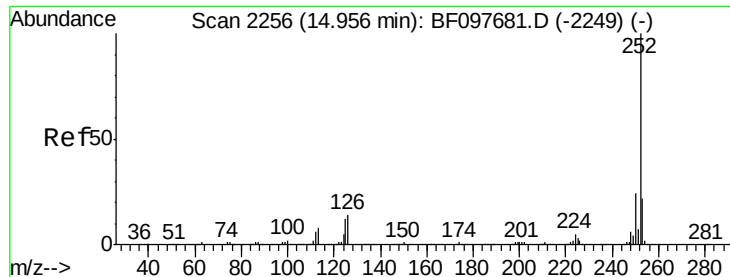
Tot Ion:276 Resp: 688939
 Ion Ratio Lower Upper
 276 100
 138 28.9 27.8 41.6
 277 25.3 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Tgt Ion:264 Resp: 302677
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 22.3 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.61 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

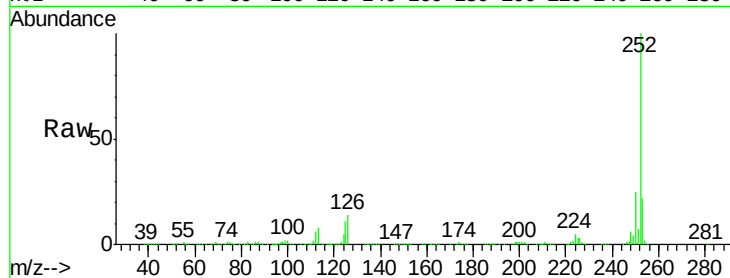
Tot Ion:252 Resp: 774715

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

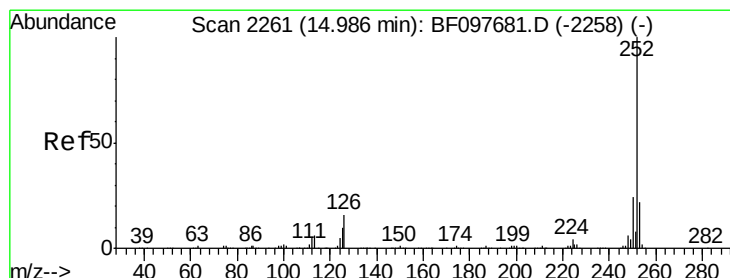
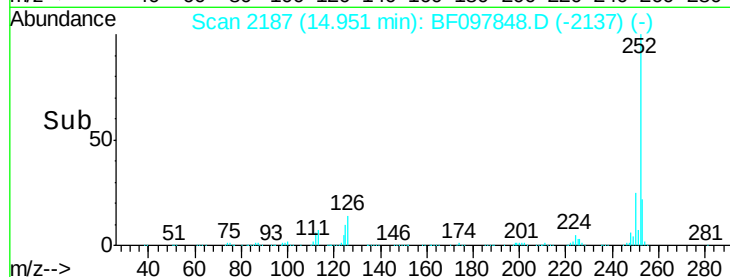
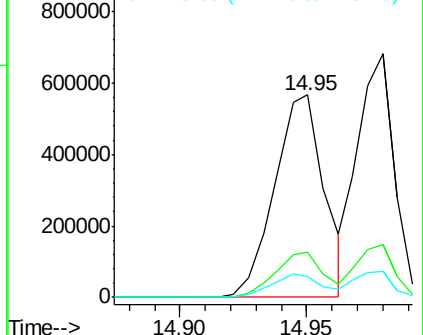
125 10.5 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.69 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

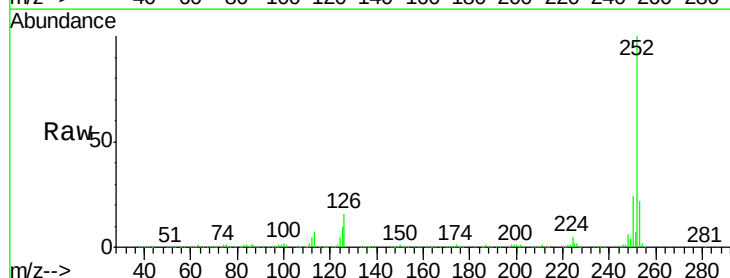
Tgt Ion:252 Resp: 693588

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

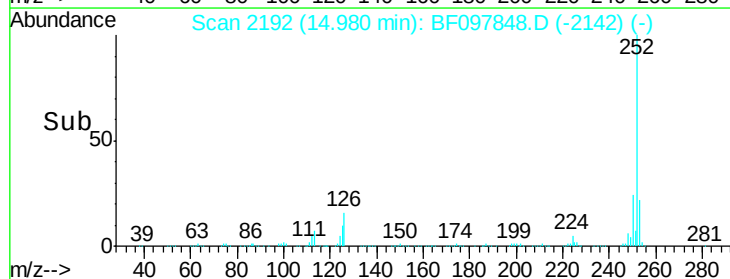
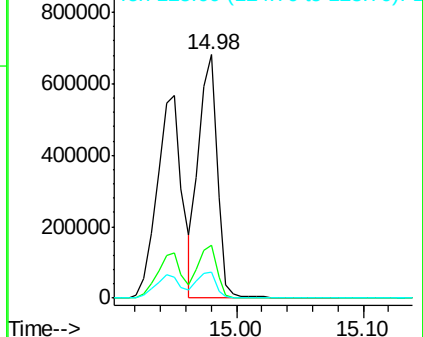
125 10.5 13.1 19.7#

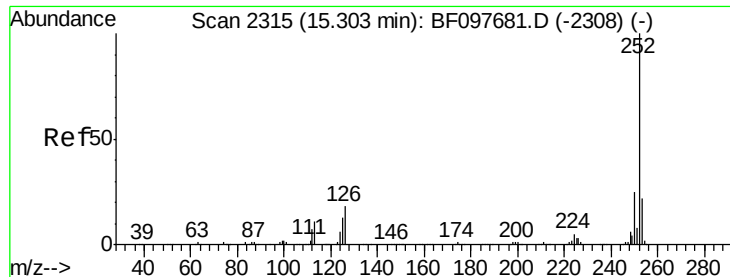


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.51 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

Instrument :

BNA_F

ClientSampleId :

E4-24MSD

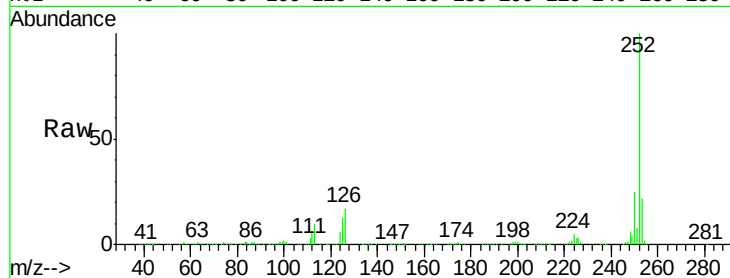
Tot Ion:252 Resp: 701092

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

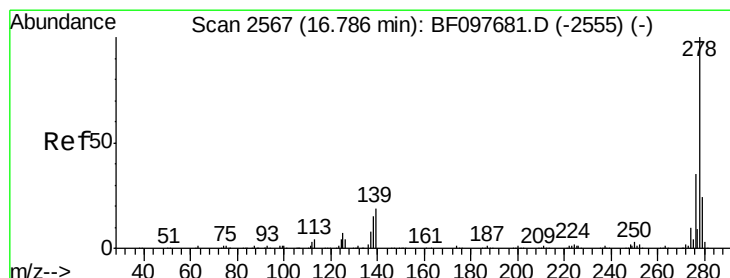
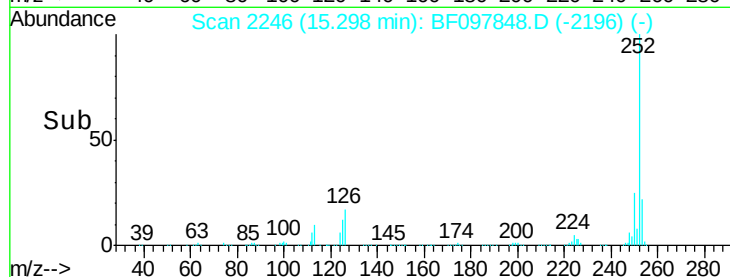
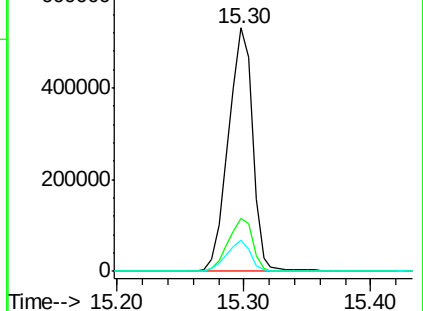
125 12.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.26 ng

RT: 16.77 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BF097848.D

Acq: 18 Aug 2017 22:28

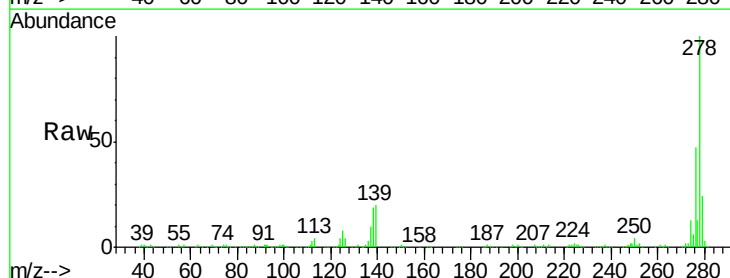
Tgt Ion:278 Resp: 567285

Ion Ratio Lower Upper

278 100

139 19.7 16.6 24.8

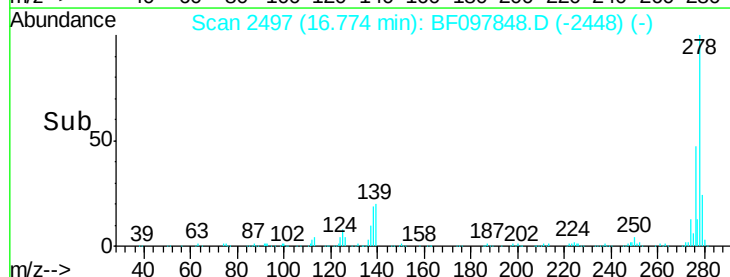
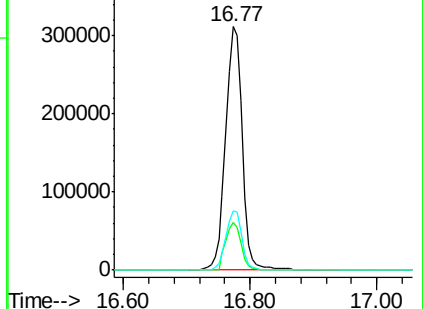
279 24.2 19.3 28.9

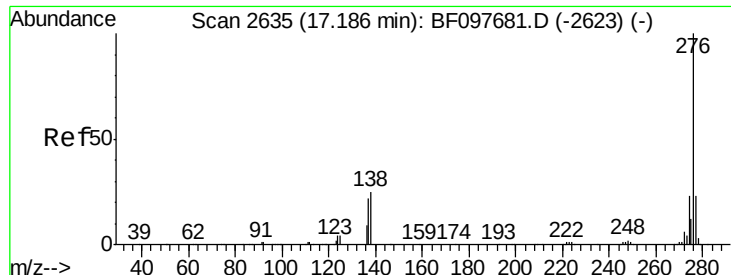


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

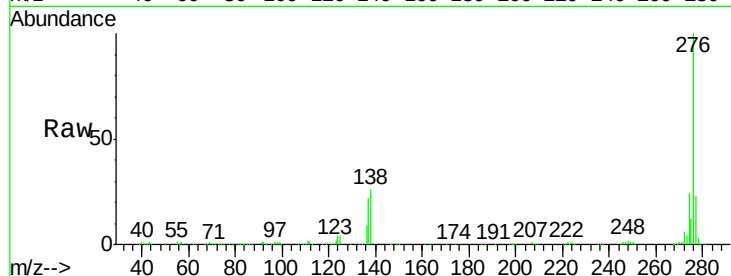




#91
 Benzo(a,h,i)perylene
 Concen: 40.90 ng
 RT: 17.18 min Scan# 2566
 Delta R.T. -0.01 min
 Lab File: BF097848.D
 Acq: 18 Aug 2017 22:28

Instrument :
 BNA_F
 ClientSampleId :
 E4-24MSD

Tot Ion:	276	Resp:	586848
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	25.5	25.4	38.0



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

