

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097976.D
 Acq On : 23 Aug 2017 1:49
 Operator : SJ/JU
 Sample : I4910-02MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Quant Time: Aug 23 02:18:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	139611	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	534471	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215942	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	340108	20.00	ng	0.00
75) Chrysene-d12	13.90	240	264329	20.00	ng	0.00
86) Perylene-d12	15.33	264	234828	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1085904	118.31	ng	0.02
7) Phenol-d6	6.40	99	1467858	117.70	ng	0.01
23) Nitrobenzene-d5	7.32	82	937601	95.30	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	202201	107.92	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1223178	83.22	ng	0.00
78) Terphenyl-d14	12.85	244	750934	59.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	156959	30.66	ng	92
3) Pyridine	3.21	79	438466	30.99	ng	88
4) n-Nitrosodimethylamine	3.15	42	195090	35.83	ng	81
6) Aniline	6.42	93	429533	24.52	ng	# 59
8) 2-Chlorophenol	6.54	128	360845	37.28	ng	96
9) Benzaldehyde	6.30	77	241592	30.58	ng	88
10) Phenol	6.41	94	533832	36.60	ng	94
11) bis(2-Chloroethyl)ether	6.49	93	420348	38.18	ng	96
12) 1,3-Dichlorobenzene	6.69	146	365606	35.11	ng	# 93
13) 1,4-Dichlorobenzene	6.77	146	374127	35.33	ng	# 93
14) 1,2-Dichlorobenzene	6.92	146	344800	35.31	ng	99
15) Benzyl Alcohol	6.90	79	361314	38.70	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	549928	37.13	ng	91
17) 2-Methylphenol	7.02	107	328511	38.51	ng	95
18) Hexachloroethane	7.26	117	138102	33.26	ng	# 81
19) n-Nitroso-di-n-propylamine	7.17	70	300910	35.25	ng	90
20) 3+4-Methylphenols	7.17	107	376460	36.13	ng	97
22) Acetophenone	7.16	105	534613	37.86	ng	# 90
24) Nitrobenzene	7.34	77	466212	42.56	ng	94
25) Isophorone	7.57	82	840186	41.07	ng	96
26) 2-Nitrophenol	7.65	139	132087	34.89	ng	# 77
27) 2,4-Dimethylphenol	7.70	122	332798	39.01	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	541461	40.26	ng	98
29) 2,4-Dichlorophenol	7.90	162	268339	37.89	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	297758	37.92	ng	98
31) Naphthalene	8.06	128	1241817	44.75	ng	99
32) Benzoic acid	7.80	122	137098	25.52	ng	88
33) 4-Chloroaniline	8.10	127	201856	17.25	ng	100
34) Hexachlorobutadiene	8.17	225	173614	37.87	ng	99
35) Caprolactam	8.48	113	82989	34.47	ng	98
36) 4-Chloro-3-methylphenol	8.59	107	312604	34.35	ng	# 79
37) 2-Methylnaphthalene	8.75	142	710246	41.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	272593	41.13	ng	98
40) Hexachlorocyclopentadiene	8.90	237	92152	28.94	ng	99

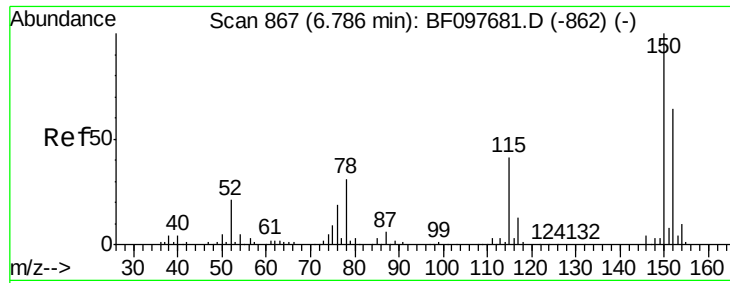
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	164327	36.93	nq	98
43) 2,4,5-Trichlorophenol	9.07	196	161870	36.67	nq	95
45) 1,1'-Biphenyl	9.22	154	790155	40.13	nq	97
46) 2-Chloronaphthalene	9.23	162	566267	38.92	nq	# 91
47) 2-Nitroaniline	9.33	65	222731	45.66	nq	95
48) Acenaphthylene	9.65	152	920769	40.30	nq	99
49) Dimethylphthalate	9.52	163	882732	55.92	nq	100
50) 2,6-Dinitrotoluene	9.57	165	133808	42.47	nq	# 49
51) Acenaphthene	9.82	154	557324	38.68	nq	99
52) 3-Nitroaniline	9.75	138	137088	33.72	nq	92
53) 2,4-Dinitrophenol	9.85	184	7845	14.71	nq	# 76
54) Dibenzofuran	9.99	168	818794	42.40	nq	99
55) 4-Nitrophenol	9.91	139	171490	52.88	nq	# 42
56) 2,4-Dinitrotoluene	9.98	165	158201	40.01	nq	# 61
57) Fluorene	10.34	166	599584	40.16	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	122439	35.83	nq	94
59) Diethylphthalate	10.22	149	706151	42.78	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	272261	39.25	nq	89
61) 4-Nitroaniline	10.36	138	144288	37.35	nq	76
62) Azobenzene	10.49	77	788073	40.19	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	7401	12.14	nq	98
65) n-Nitrosodiphenylamine	10.45	169	518427	44.76	nq	98
66) 4-Bromophenyl-phenylether	10.82	248	160489	45.44	nq	97
67) Hexachlorobenzene	10.88	284	145190	40.33	nq	# 82
68) Atrazine	10.97	200	137379	44.73	nq	98
69) Pentachlorophenol	11.07	266	124206	59.18	nq	97
70) Phenanthrene	11.29	178	887006	48.94	nq	99
71) Anthracene	11.34	178	802626	43.66	nq	99
72) Carbazole	11.50	167	683348	39.16	nq	97
73) Di-n-butylphthalate	11.83	149	971267	48.33	nq	99
74) Fluoranthene	12.48	202	913316	48.28	nq	100
76) Benzidine	12.60	184	322440	37.20	nq	# 92
77) Pyrene	12.71	202	970300	44.88	nq	99
79) Butylbenzylphthalate	13.33	149	354822	42.81	nq	# 77
80) Benzo(a)anthracene	13.90	228	721954	45.57	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	191914	35.90	nq	# 97
82) Chrysene	13.93	228	731599	46.42	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	447134	48.68	nq	# 100
84) Di-n-octyl phthalate	14.50	149	885869	55.43	nq	100
85) Indeno(1,2,3-cd)pyrene	16.72	276	541386	46.70	nq	94
87) Benzo(b)fluoranthene	14.92	252	825693	55.78	nq	99
88) Benzo(k)fluoranthene	15.20	252	107500	7.73	nq	97
89) Benzo(a)pyrene	15.27	252	682202	52.06	nq	98
90) Dibenzo(a,h)anthracene	16.73	278	406471	38.10	nq	98
91) Benzo(g,h,i)perylene	17.13	276	450259	40.45	nq	# 93

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

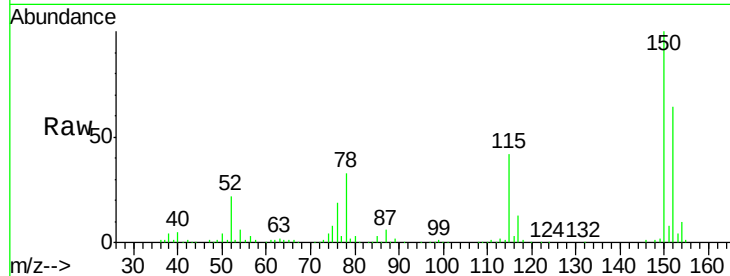


#1

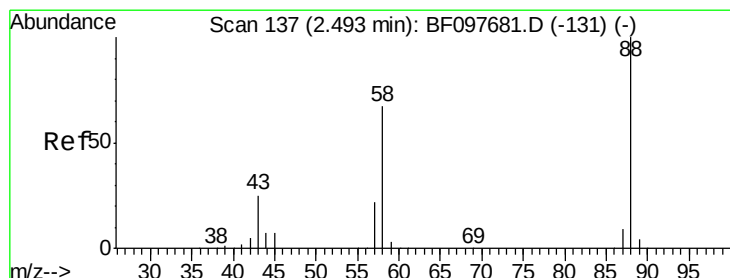
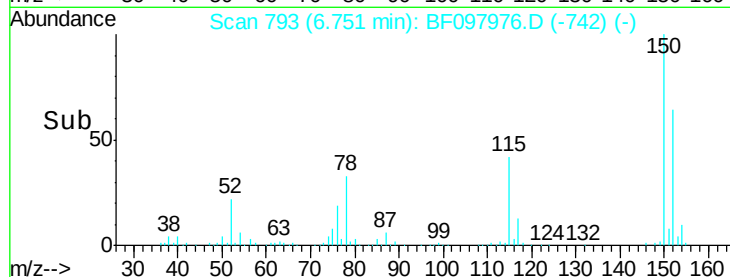
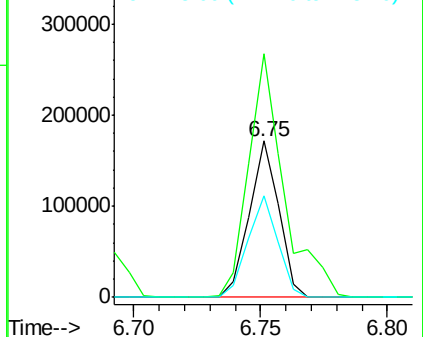
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion:152 Resp: 139611
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 64.8 52.2 78.2



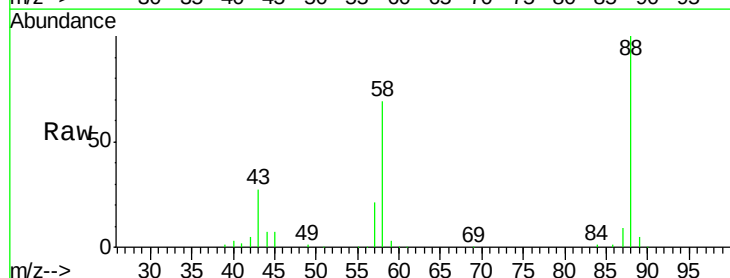
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



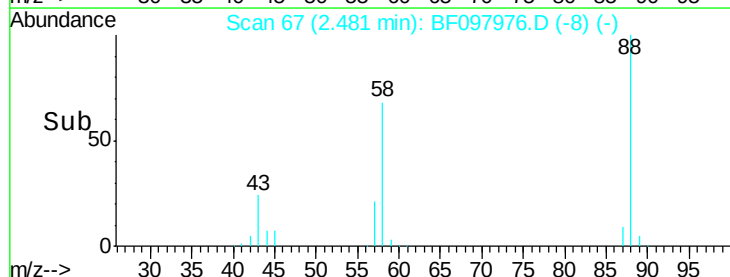
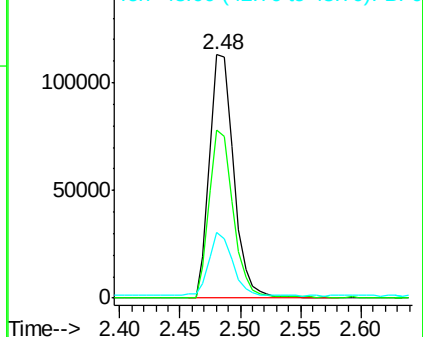
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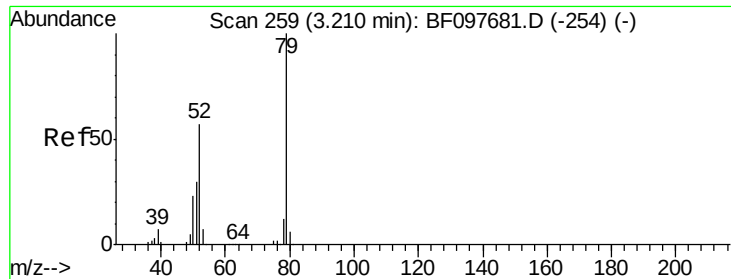
1,4-Dioxane
Concen: 30.66 ng
RT: 2.48 min Scan# 67
Delta R.T. 0.05 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion: 88 Resp: 156959
Ion Ratio Lower Upper
88 100
58 69.2 61.4 92.0
43 26.2 23.4 35.0



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





#3

Pvridine

Concen: 30.99 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.08 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

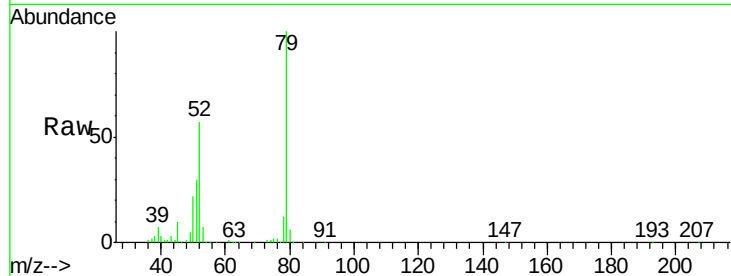
Tot Ion: 79 Resp: 438466

Ion Ratio Lower Upper

79 100

52 56.8 54.8 82.2

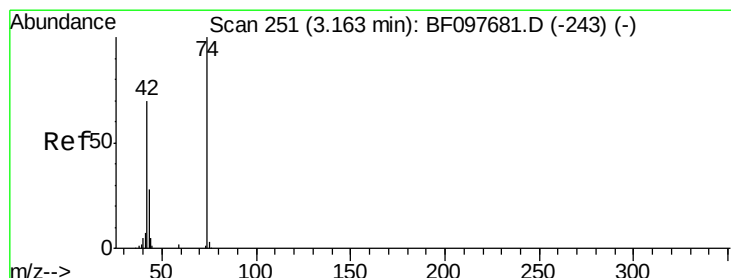
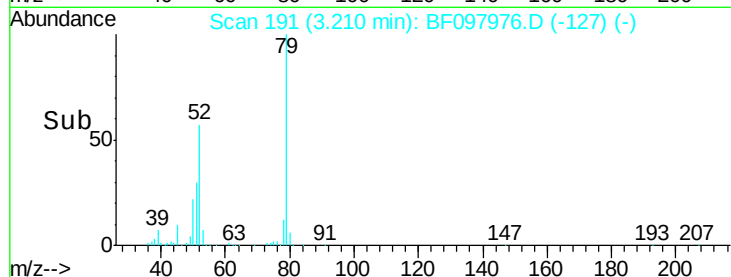
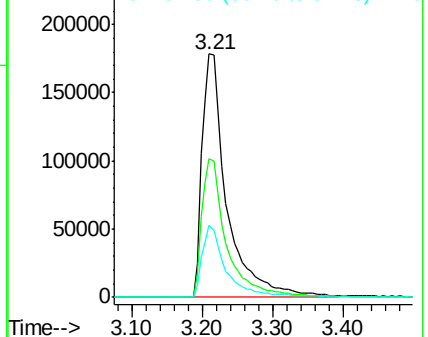
51 29.8 27.0 40.4



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: 35.83 ng

RT: 3.15 min Scan# 181

Delta R.T. 0.05 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

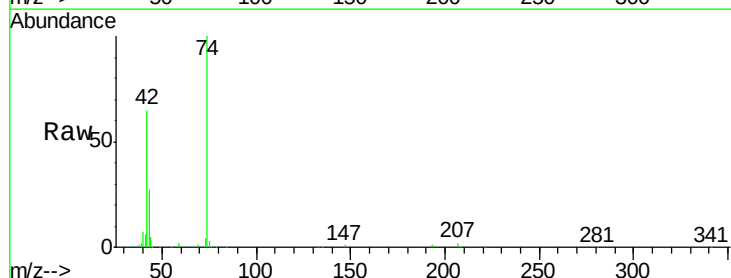
Tgt Ion: 42 Resp: 195090

Ion Ratio Lower Upper

42 100

74 153.2 103.9 155.9

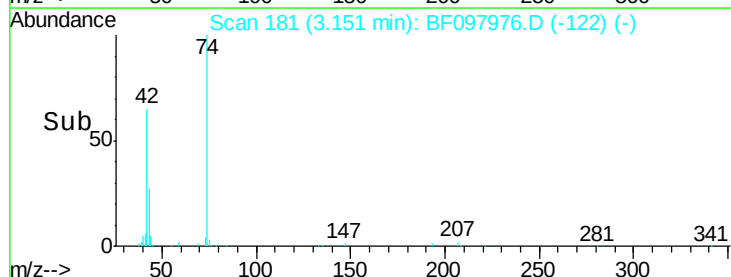
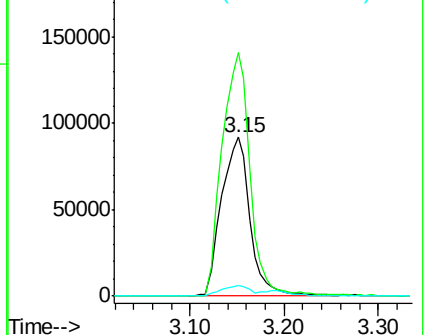
44 7.1 5.7 8.5

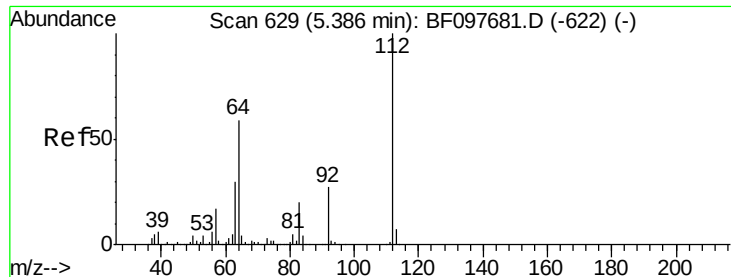


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 118.31 ng

RT: 5.37 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

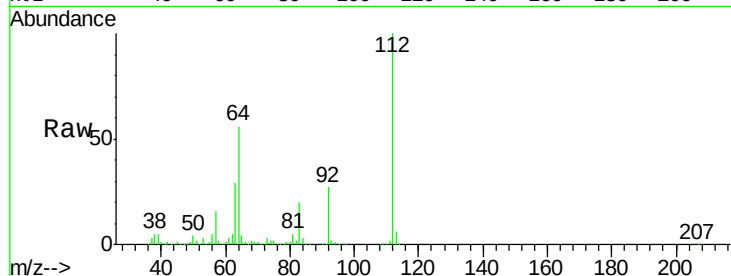
Tot Ion:112 Resp: 1085904

Ion Ratio Lower Upper

112 100

64 55.9 46.0 69.0

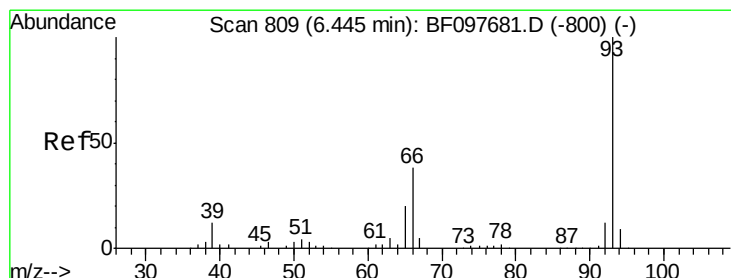
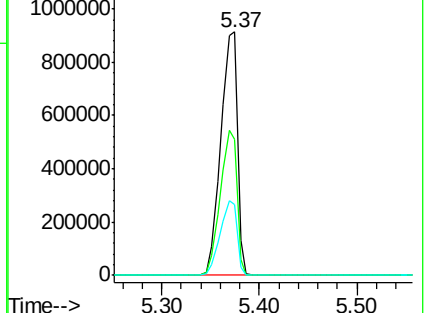
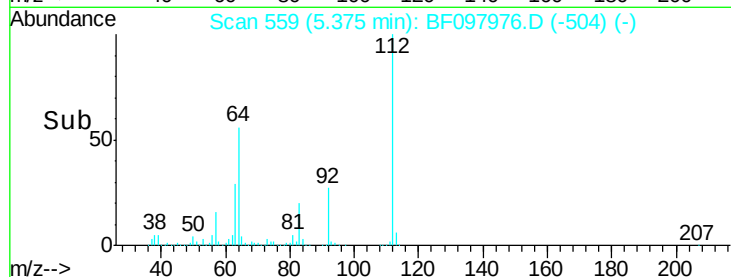
63 29.2 23.4 35.0



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: 24.52 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

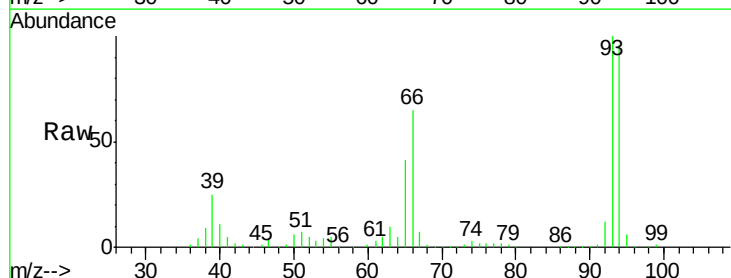
Tgt Ion: 93 Resp: 429533

Ion Ratio Lower Upper

93 100

66 65.1 32.9 49.3#

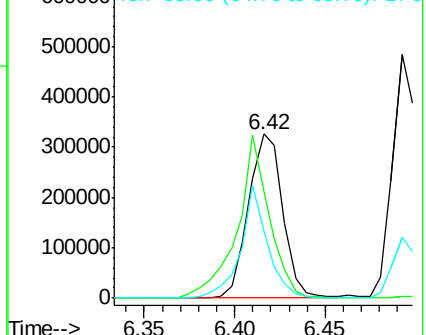
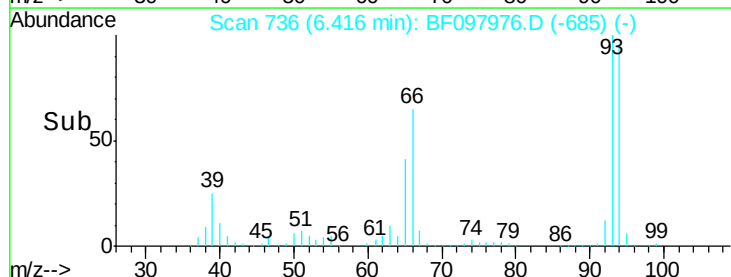
65 41.2 16.0 24.0#

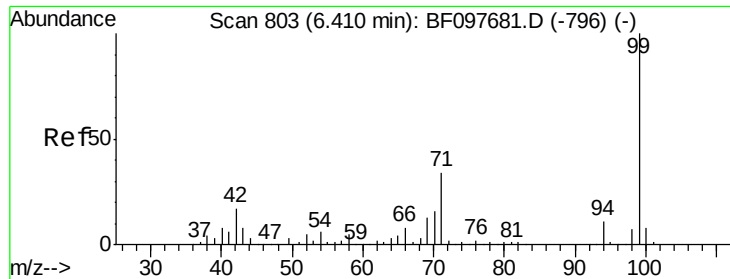


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.70 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

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ClientSampleId :

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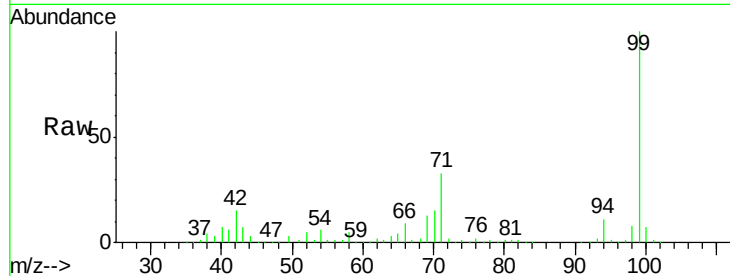
Tot Ion: 99 Resp: 1467858

Ion Ratio Lower Upper

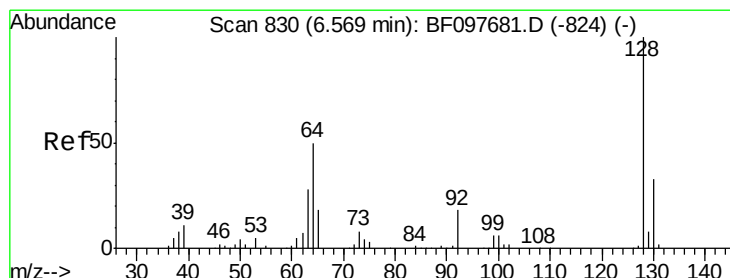
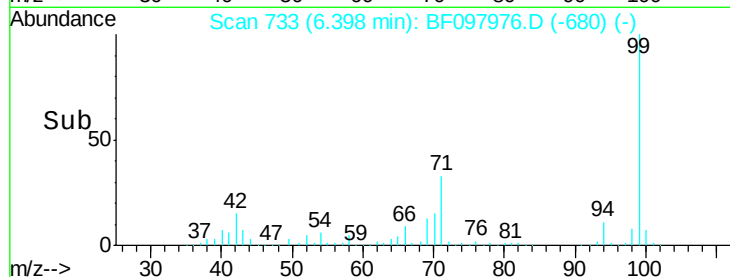
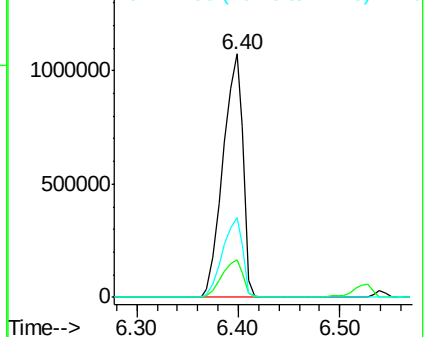
99 100

42 15.4 13.5 20.3

71 32.9 24.5 36.7



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



#8

2-Chlorophenol

Concen: 37.28 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

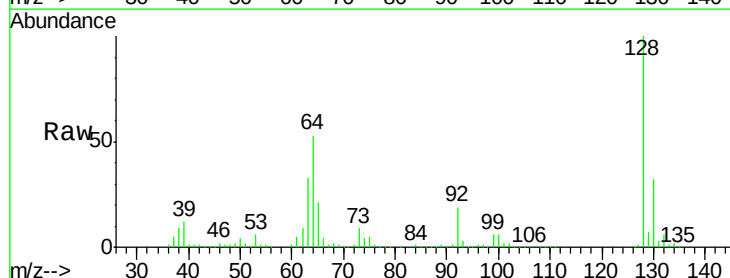
Tgt Ion: 128 Resp: 360845

Ion Ratio Lower Upper

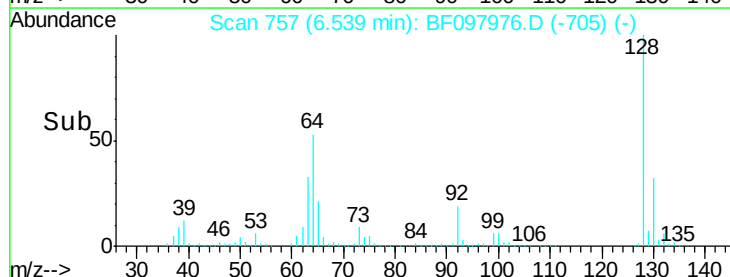
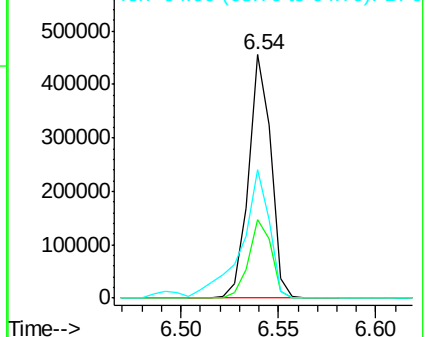
128 100

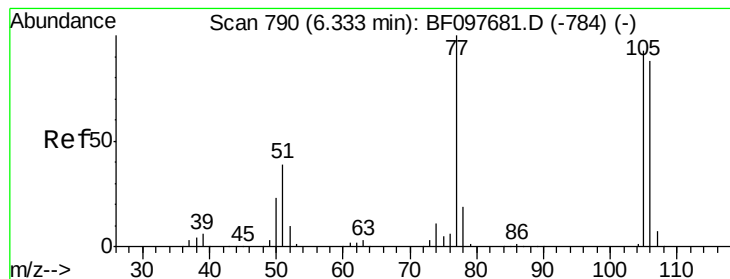
130 32.3 12.9 52.9

64 52.6 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: 30.58 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF097976.D

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ClientSampleId :

SP-5-6MSD

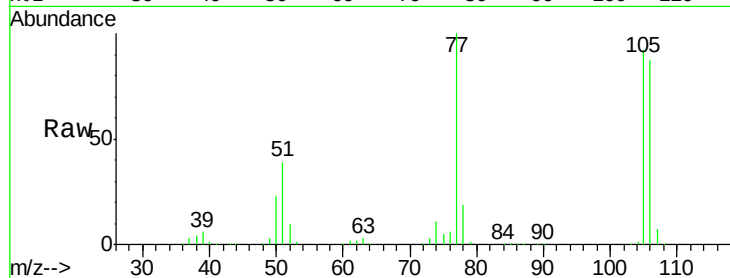
Tot Ion: 77 Resp: 241592

Ion Ratio Lower Upper

77 100

105 92.0 83.8 123.8

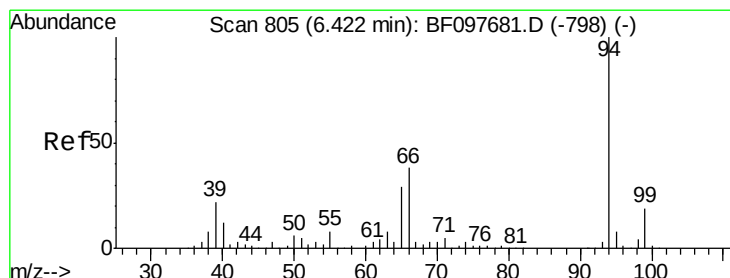
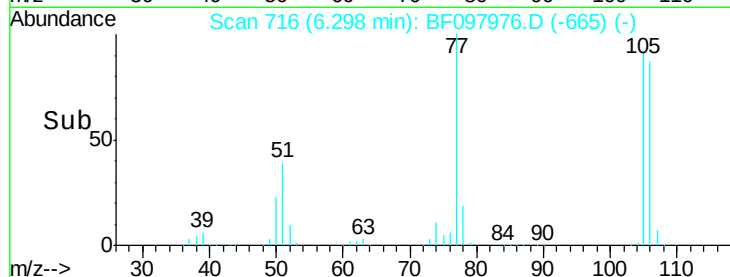
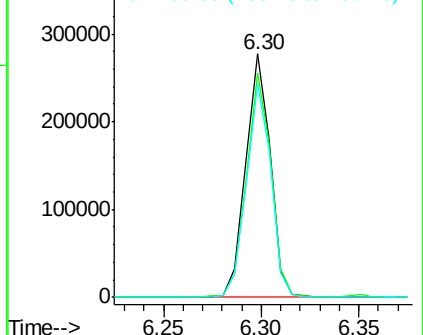
106 87.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 36.60 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

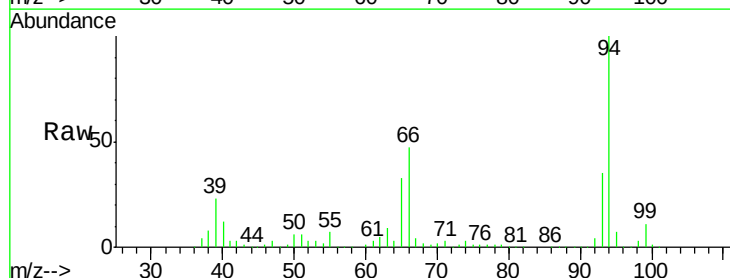
Tgt Ion: 94 Resp: 533832

Ion Ratio Lower Upper

94 100

65 32.8 9.9 49.9

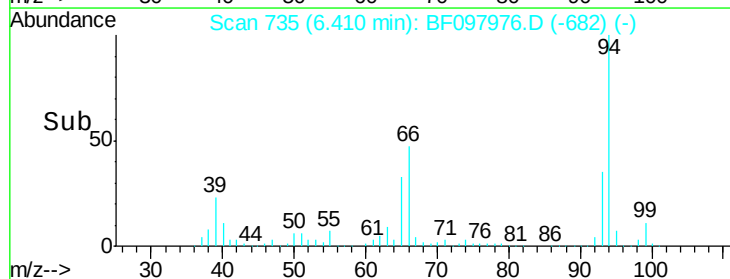
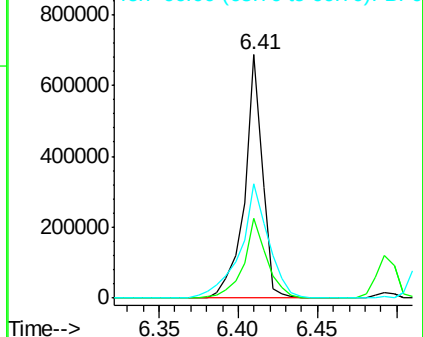
66 47.2 23.1 63.1

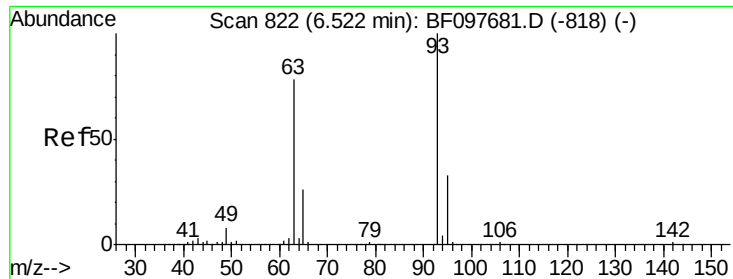


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



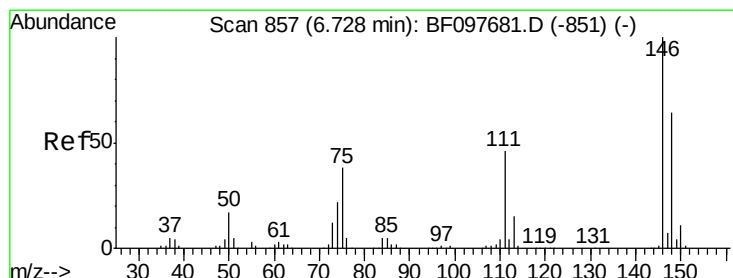
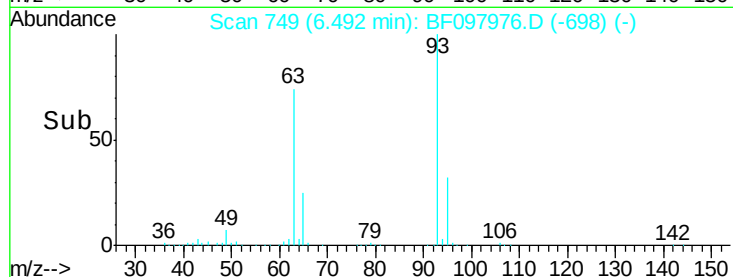
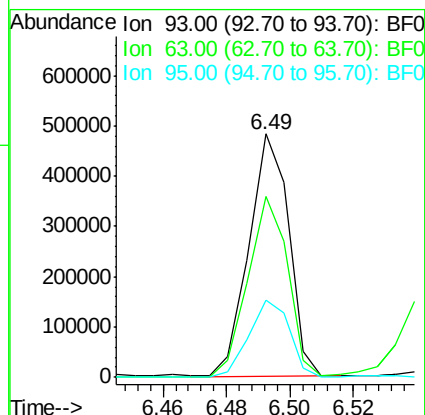
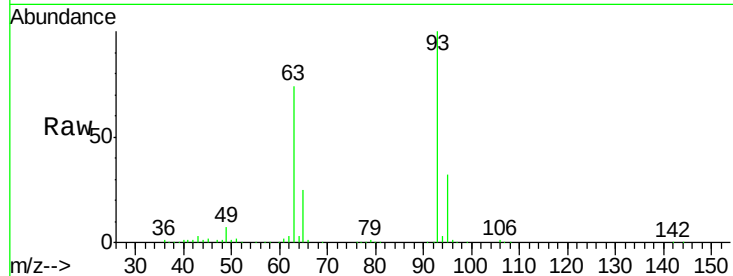


#11
bis(2-Chloroethyl)ether
Concen: 38.18 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

Tot Ion: 93 Resp: 420348

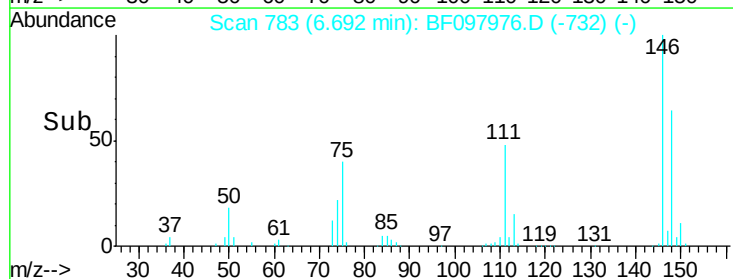
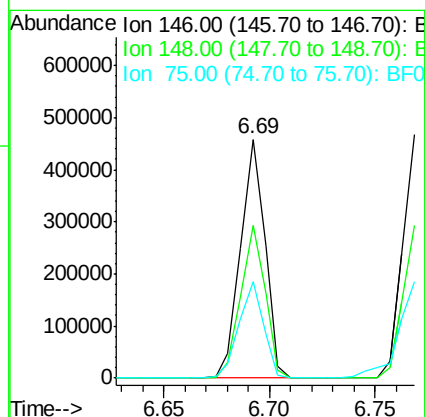
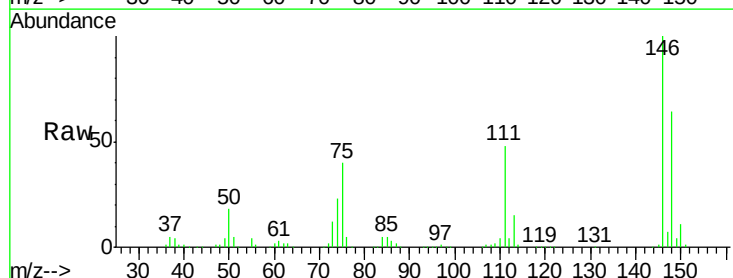
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	31.9	12.8	52.8

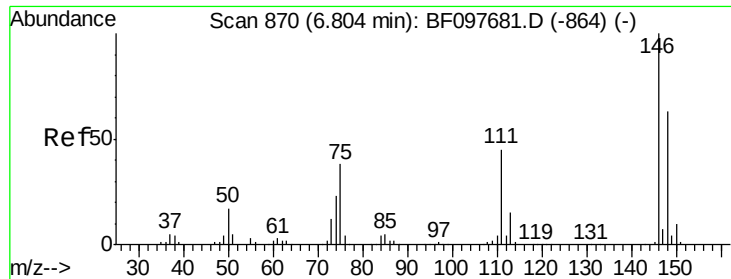


#12
1,3-Dichlorobenzene
Concen: 35.11 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion: 146 Resp: 365606

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
75	40.2	23.1	34.7

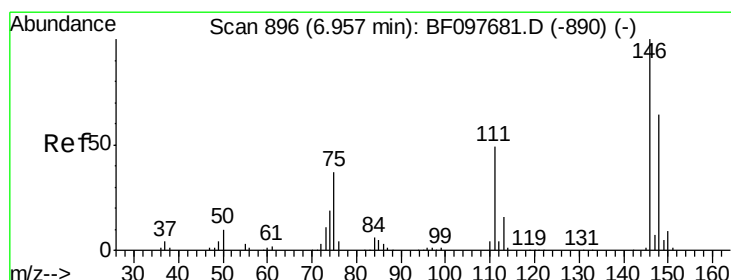
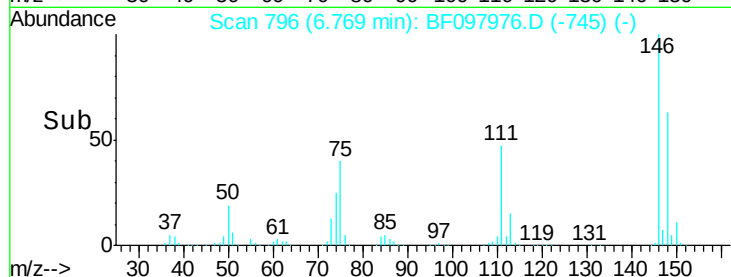
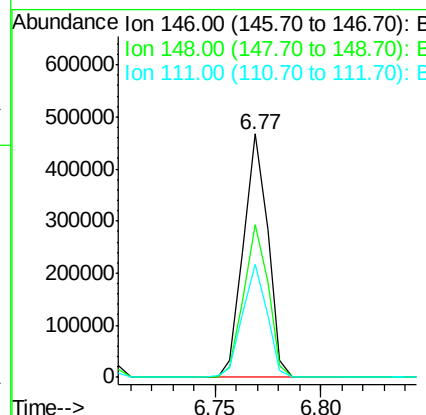
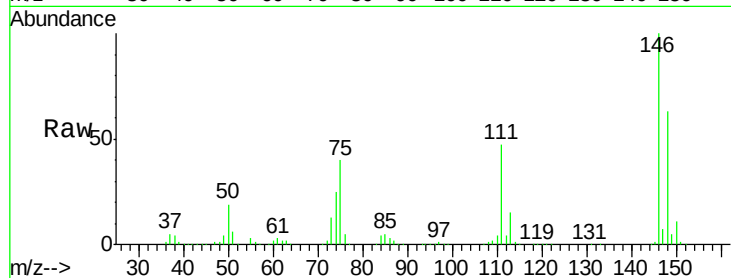




#13
 1,4-Dichlorobenzene
 Concen: 35.33 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

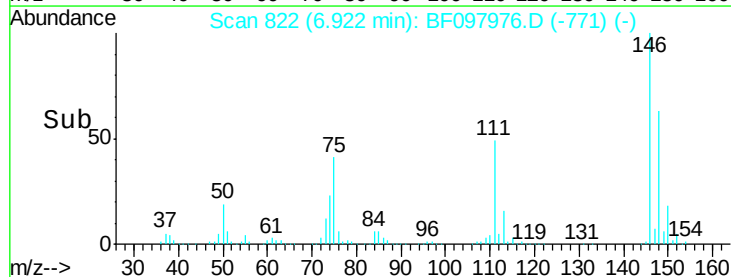
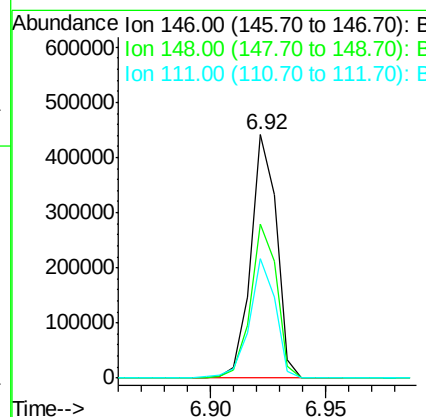
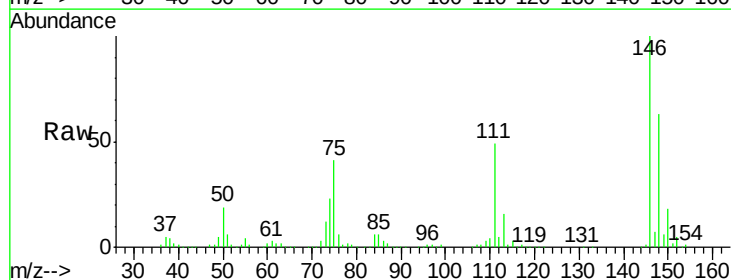
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

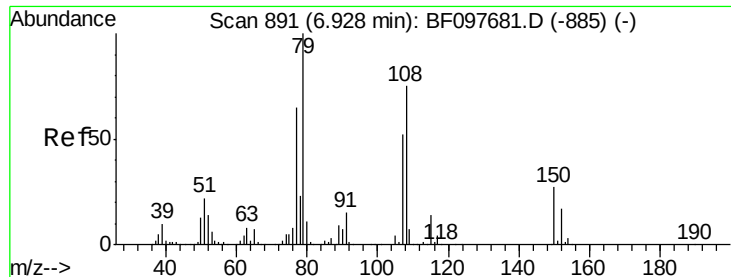
Tot Ion:146 Resp: 374127
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 46.7 30.3 45.5#



#14
 1,2-Dichlorobenzene
 Concen: 35.31 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:146 Resp: 344800
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.4 75.6
 111 49.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 38.70 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

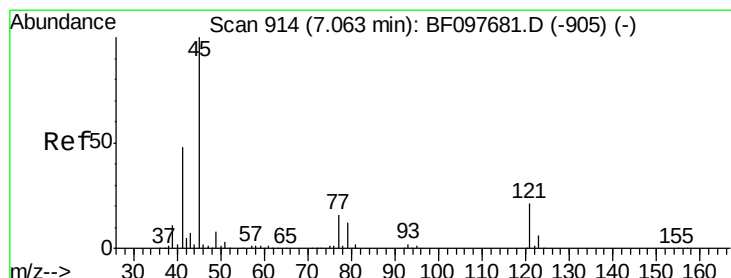
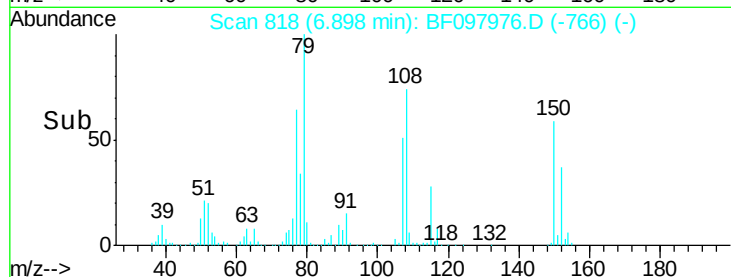
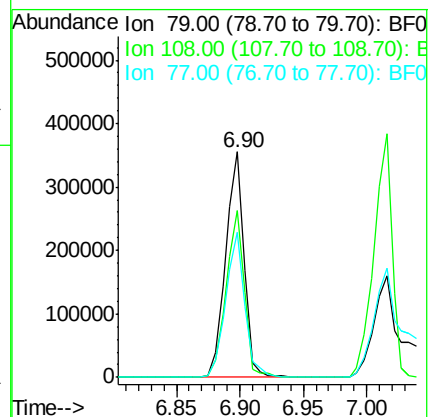
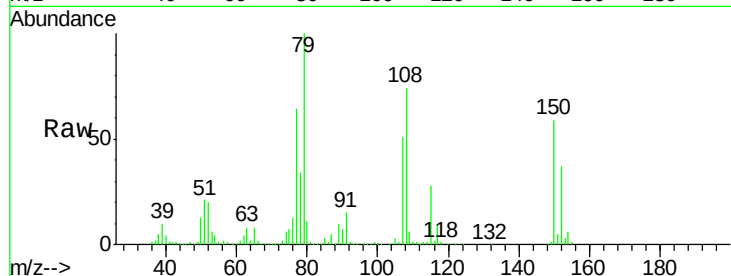
Tot Ion: 79 Resp: 361314

Ion Ratio Lower Upper

79 100

108 74.1 63.4 95.0

77 64.2 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.13 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

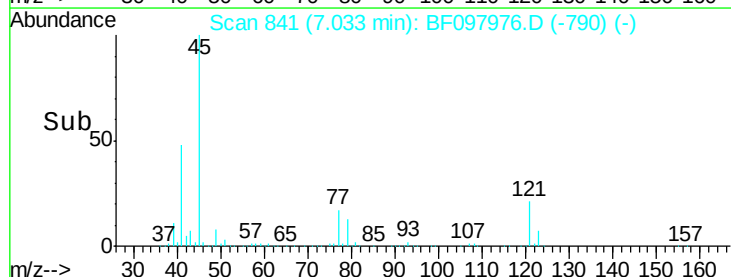
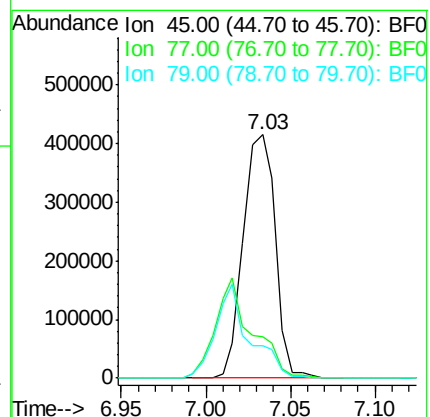
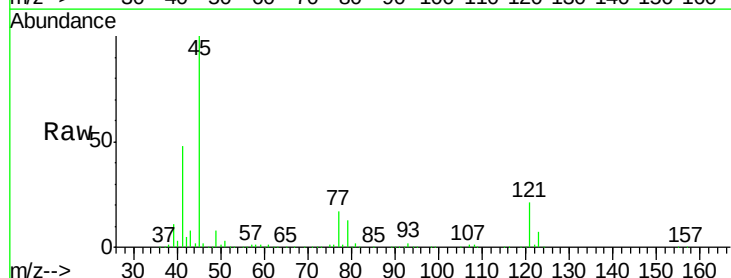
Tgt Ion: 45 Resp: 549928

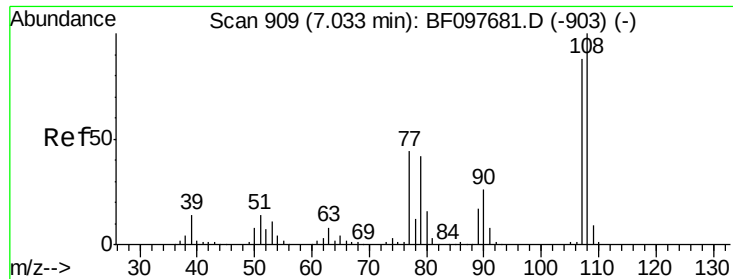
Ion Ratio Lower Upper

45 100

77 16.7 0.0 33.2

79 13.4 0.0 30.0

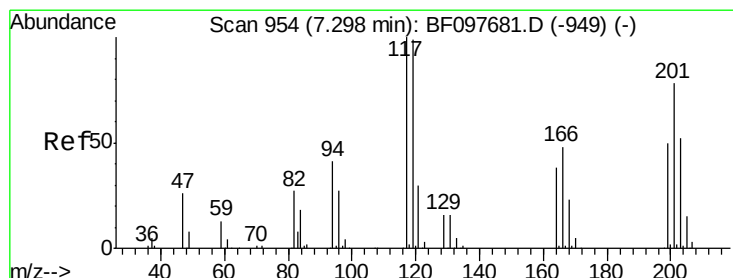
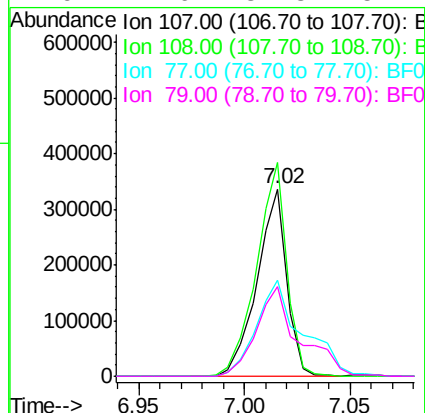
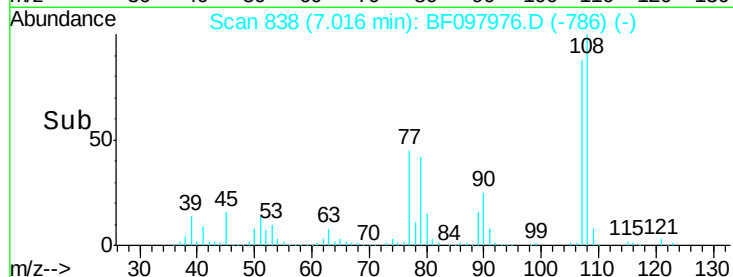
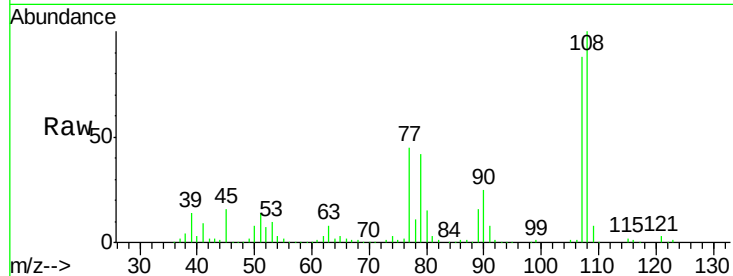




#17
2-Methylphenol
Concen: 38.51 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

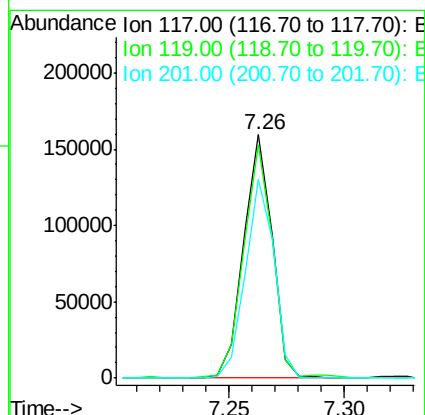
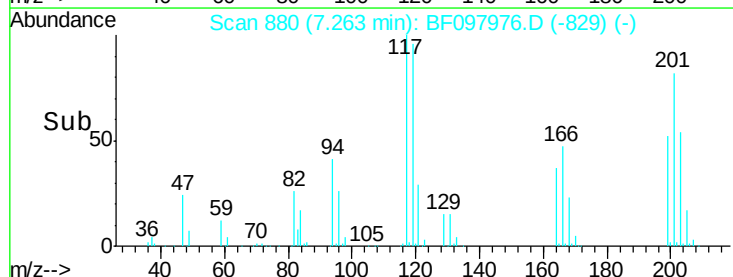
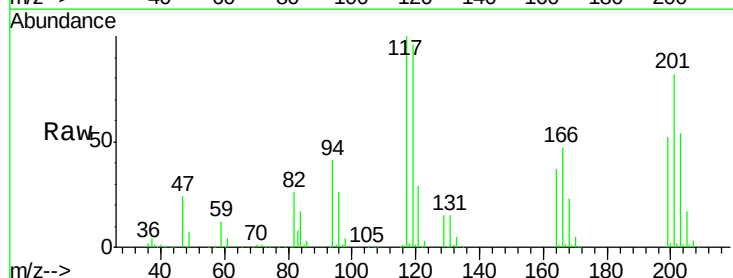
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

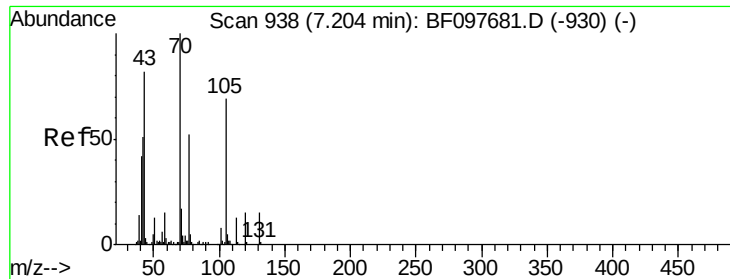
Tot Ion:	107	Resp:	328511
Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	51.1	35.8	53.6
79	47.6	34.8	52.2



#18
Hexachloroethane
Concen: 33.26 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion:	117	Resp:	138102
Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.4	116.0
201	81.6	94.6	141.8#

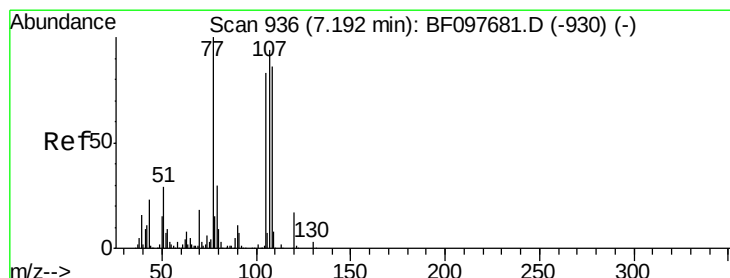
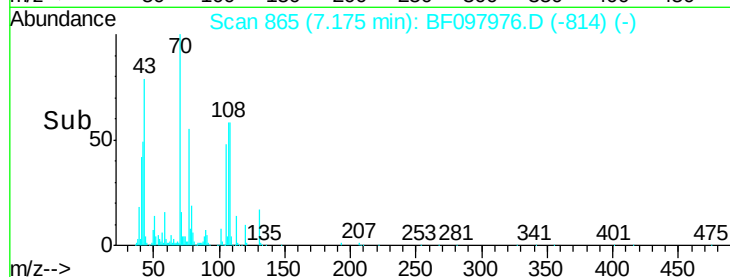
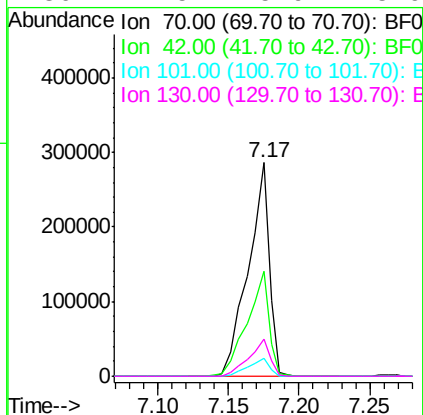
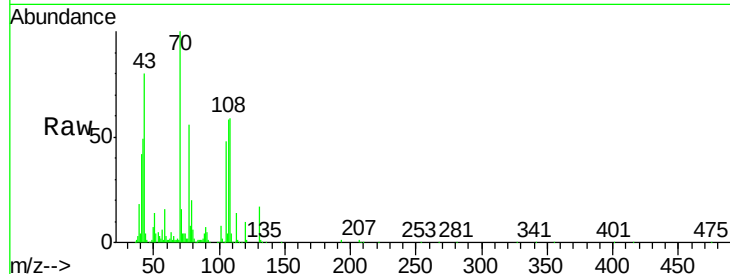




#19
n-Nitroso-di-n-propylamine
Concen: 35.25 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

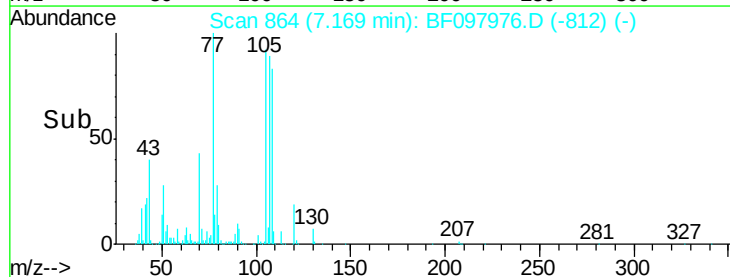
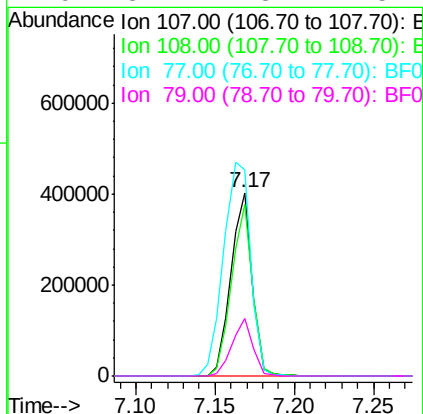
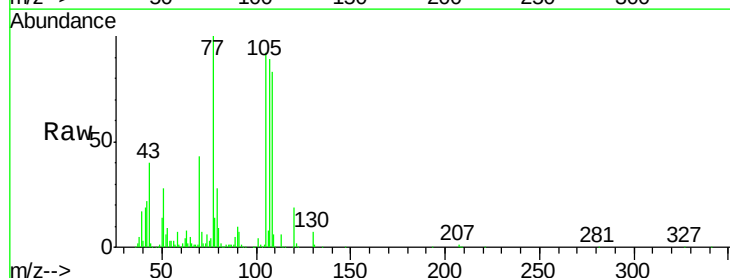
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

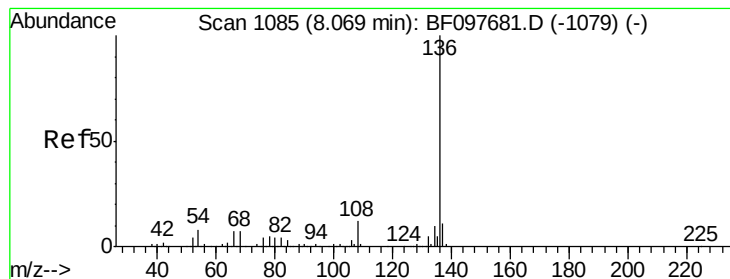
Tot Ion:	70	Resp:	300910
Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.2	70.8
101	8.5	7.2	10.8
130	17.5	15.9	23.9



#20
3+4-Methylphenols
Concen: 36.13 ng
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion:	107	Resp:	376460
Ion	Ratio	Lower	Upper
107	100		
108	93.7	71.0	111.0
77	112.4	90.5	130.5
79	31.1	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion:136 Resp: 534471

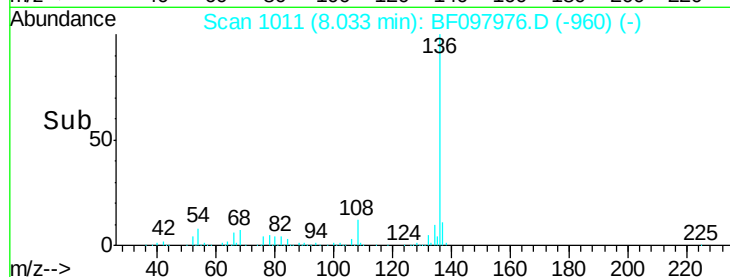
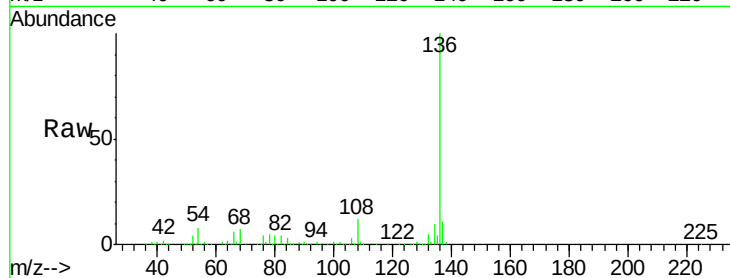
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.1 4.9 7.3#

68 7.3 4.1 6.1#

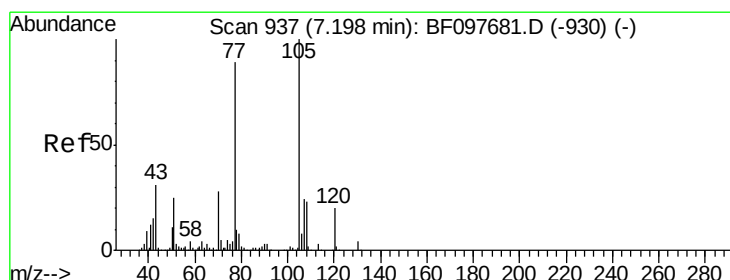
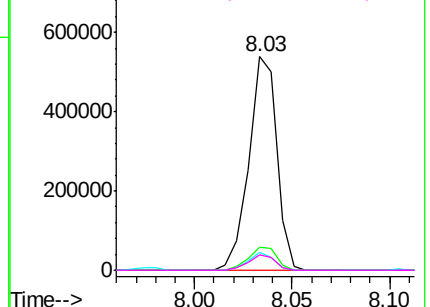


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.86 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:105 Resp: 534613

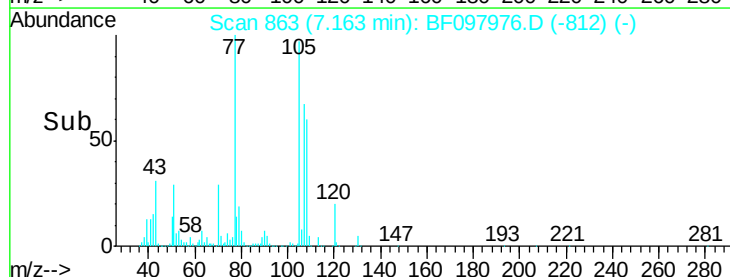
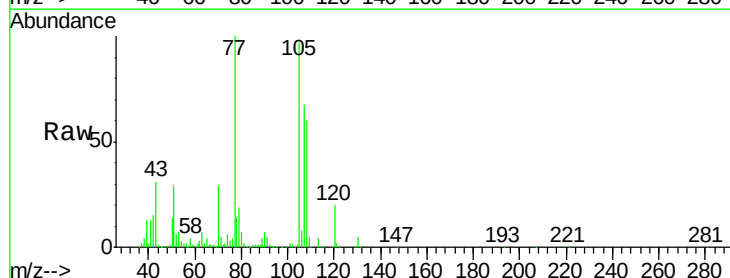
Ion Ratio Lower Upper

105 100

71 4.9 2.8 4.2#

51 29.9 30.7 46.1#

120 20.2 17.4 26.0

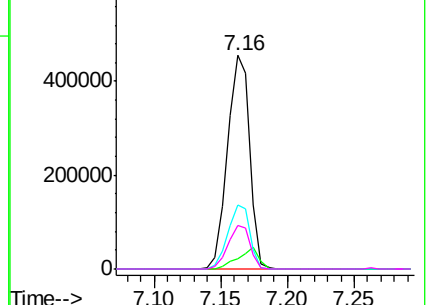


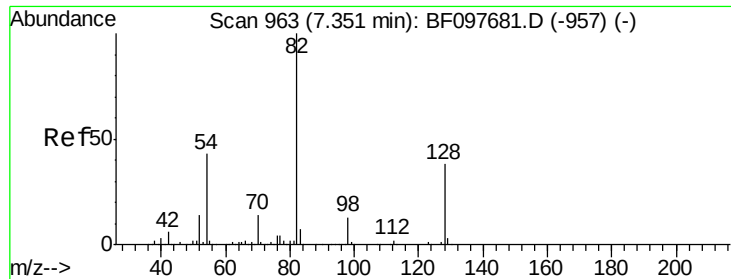
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

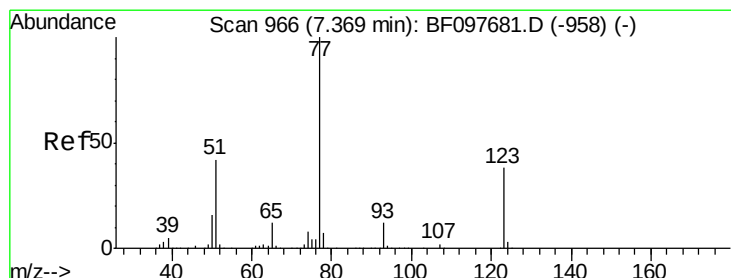
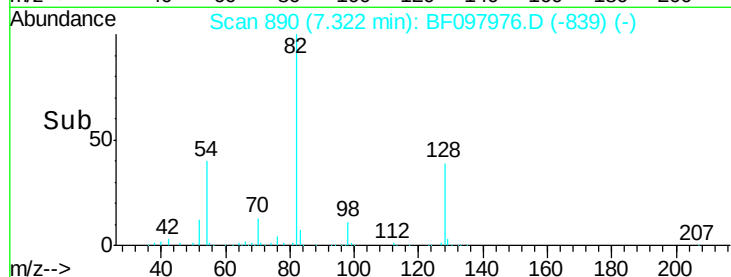
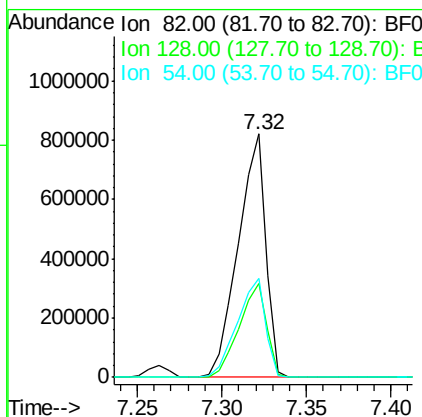
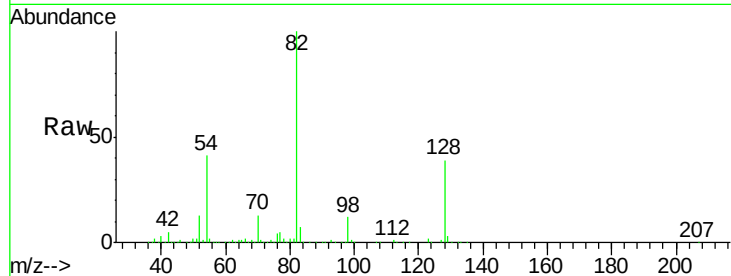




#23
 Nitrobenzene-d5
 Concen: 95.30 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

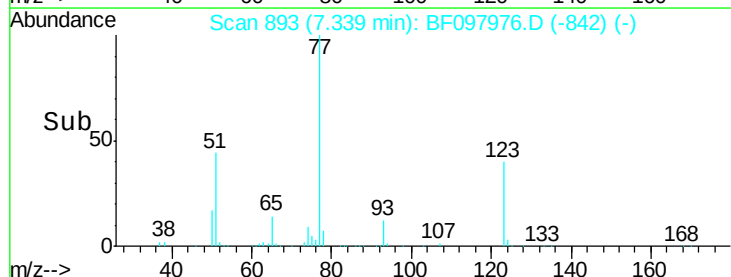
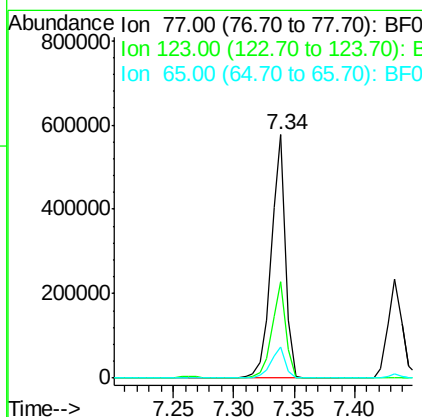
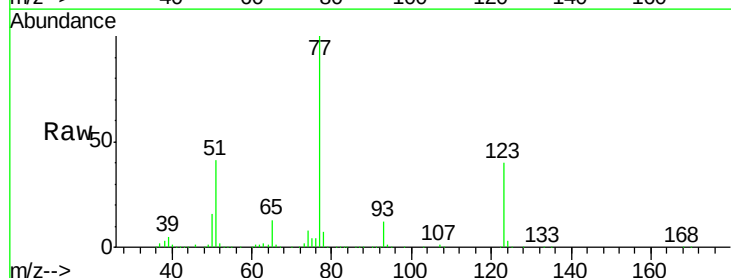
Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MSD

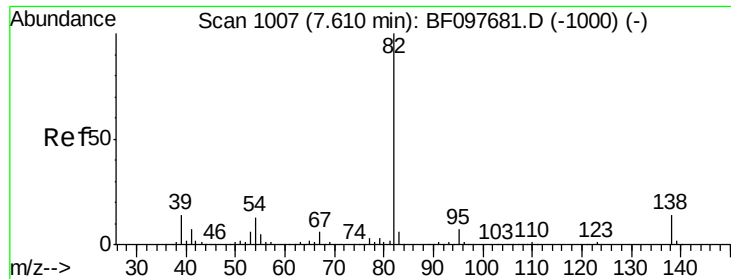
Tot Ion	82	Resp	937601
Ion Ratio	100		
Lower			
Upper			
82	100		
128	38.6	34.0	51.0
54	40.8	42.2	63.2#



#24
 Nitrobenzene
 Concen: 42.56 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	77	Resp	466212
Ion Ratio	100		
Lower			
Upper			
77	100		
123	39.7	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 41.07 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

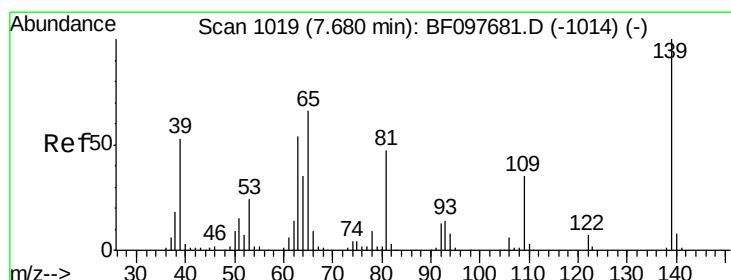
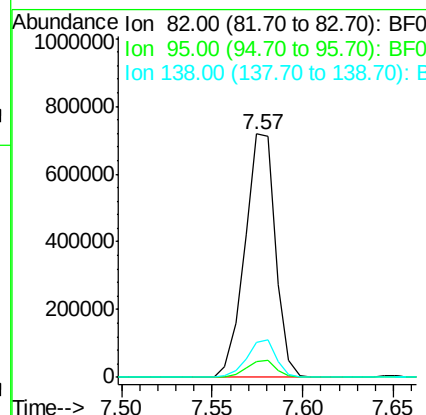
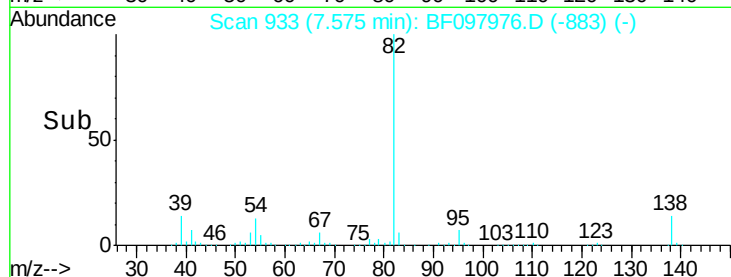
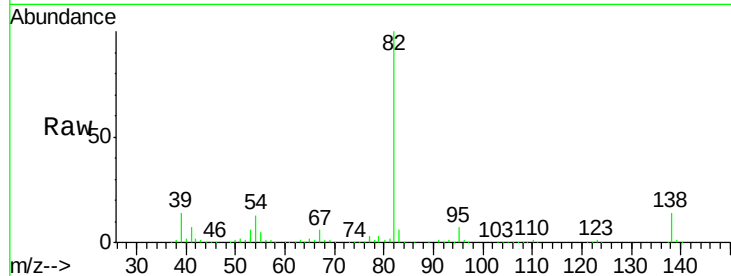
Tot Ion: 82 Resp: 840186

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 14.2 13.1 19.7



#26

2-Nitrophenol

Concen: 34.89 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

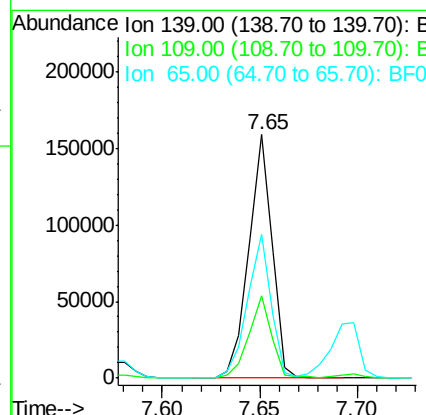
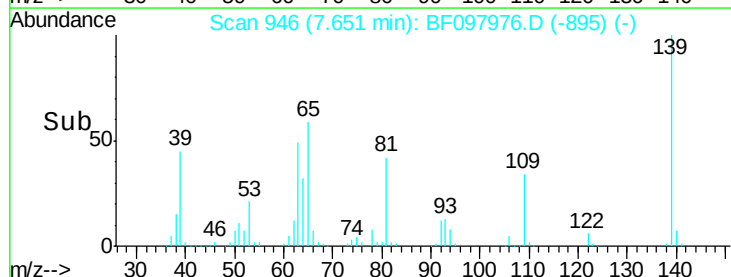
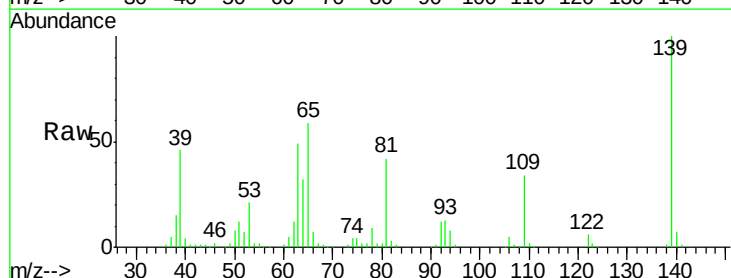
Tgt Ion: 139 Resp: 132087

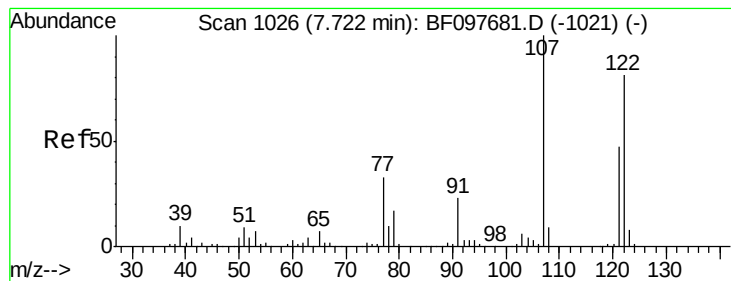
Ion Ratio Lower Upper

139 100

109 34.0 21.0 31.6#

65 58.9 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 39.01 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

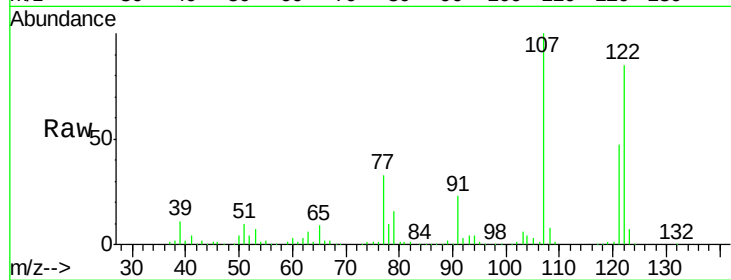
Tot Ion:122 Resp: 332798

Ion Ratio Lower Upper

122 100

107 118.1 89.2 133.8

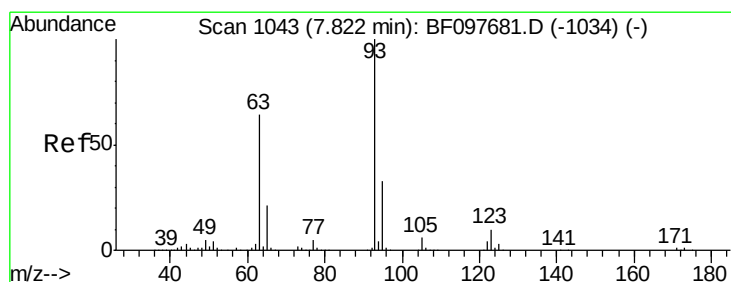
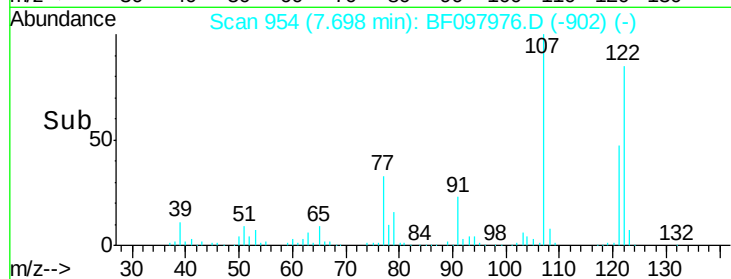
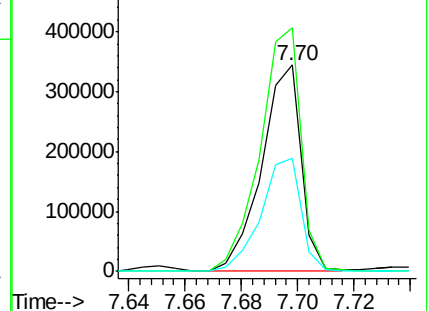
121 55.0 45.2 67.8



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: 40.26 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

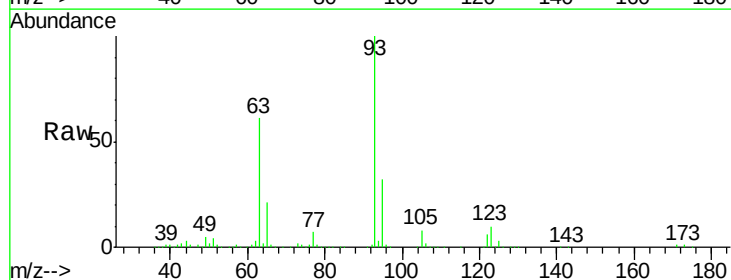
Tgt Ion: 93 Resp: 541461

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

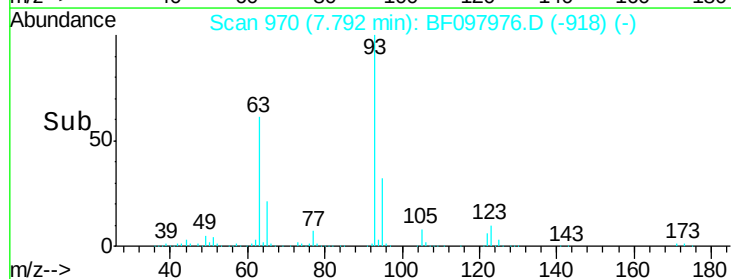
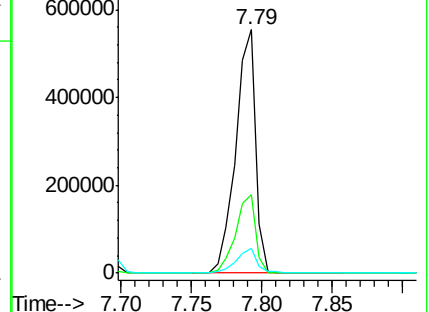
123 10.0 9.0 13.4

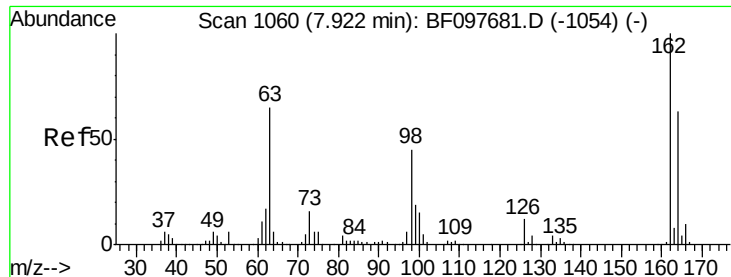


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

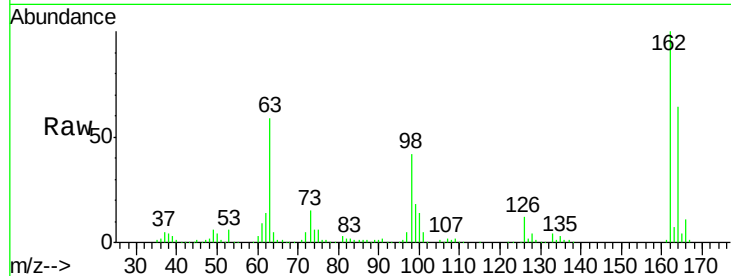




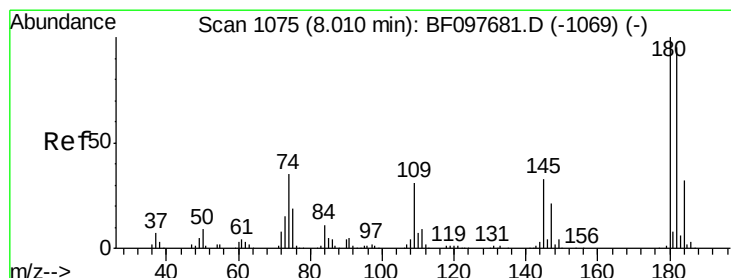
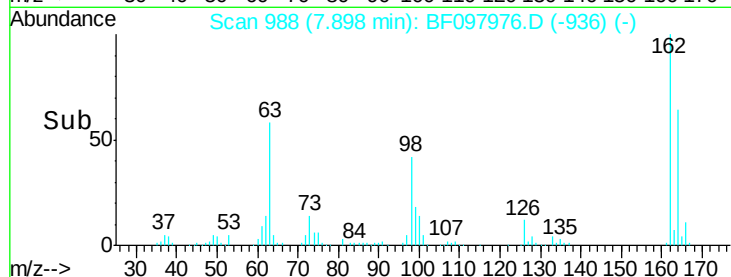
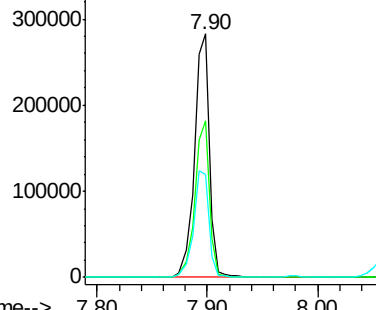
#29
 2,4-Dichlorophenol
 Concen: 37.89 ng
 RT: 7.90 min Scan# 988
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.6	84.6
98	42.2	14.8	54.8

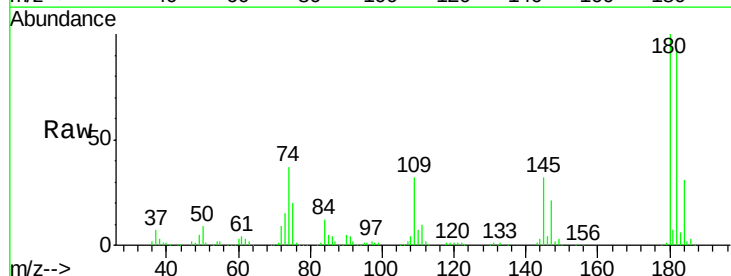


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

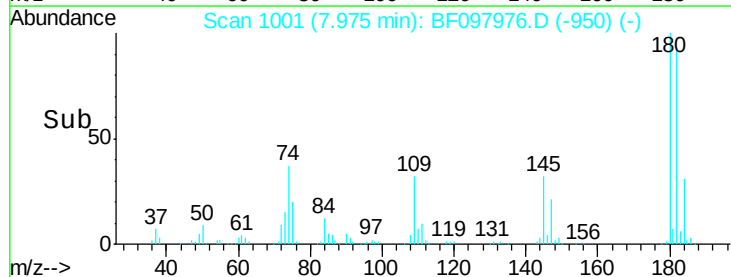
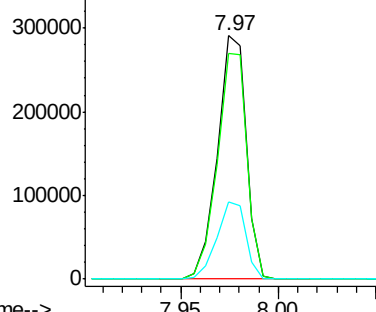


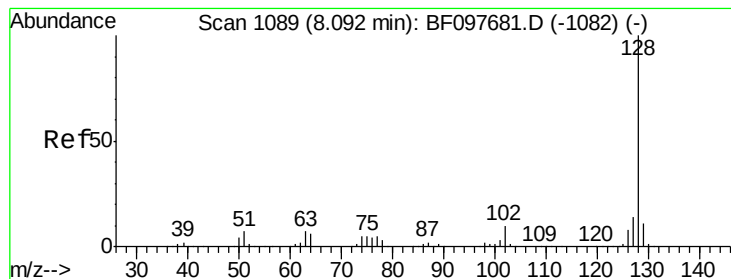
#30
 1,2,4-Trichlorobenzene
 Concen: 37.92 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	75.8	113.6
145	32.0	25.3	37.9



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





#31

Naphthalene

Concen: 44.75 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

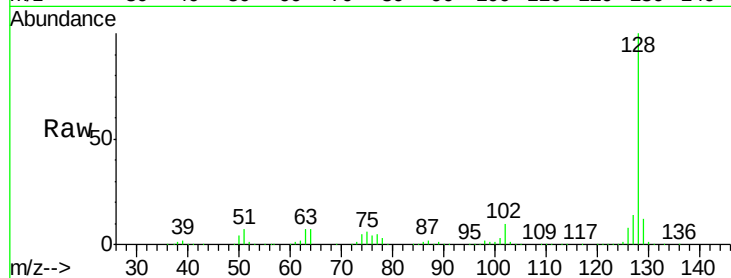
Tot Ion:128 Resp: 1241817

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

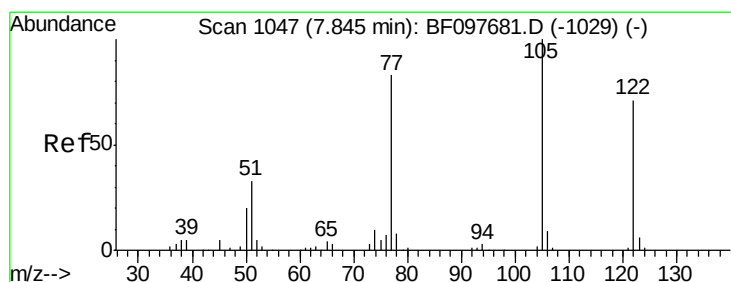
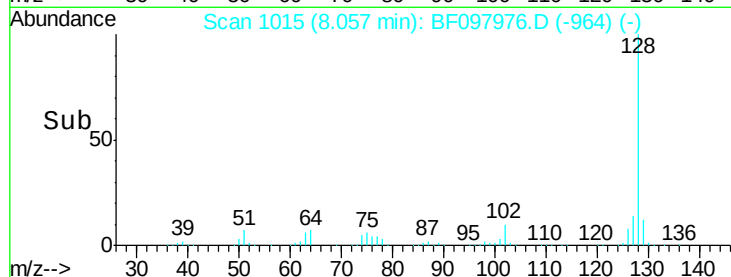
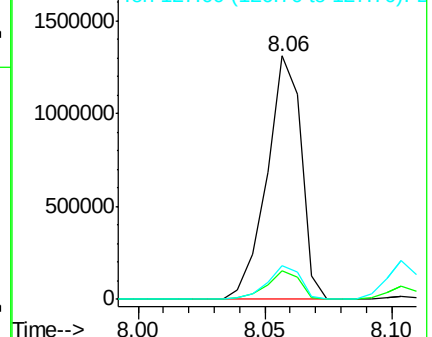
127 13.9 10.8 16.2



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: 25.52 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

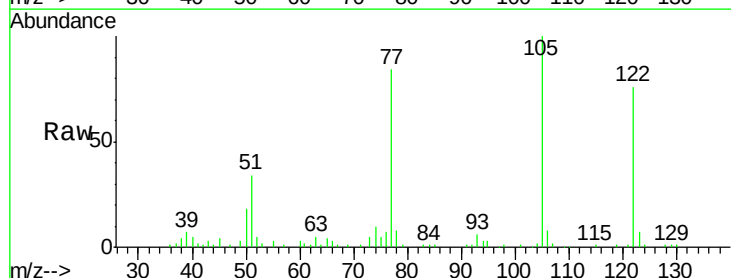
Tgt Ion:122 Resp: 137098

Ion Ratio Lower Upper

122 100

105 132.3 103.3 143.3

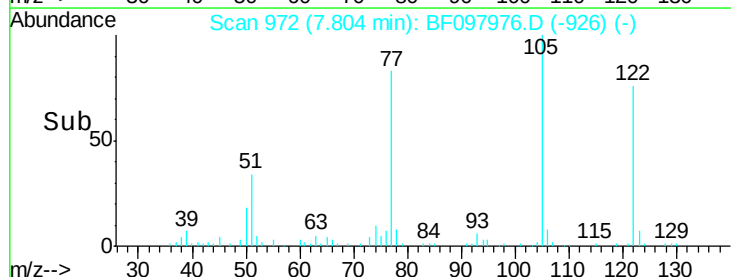
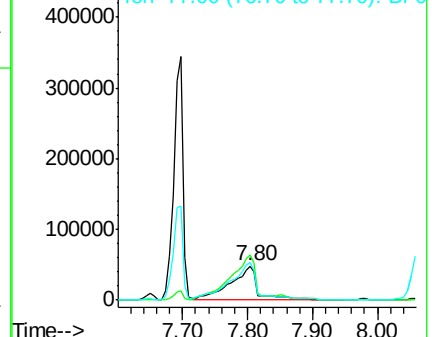
77 111.1 73.7 113.7

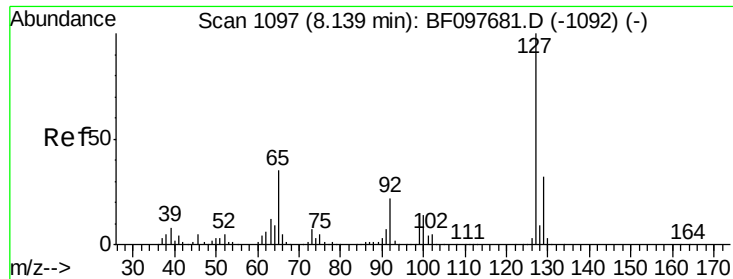


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

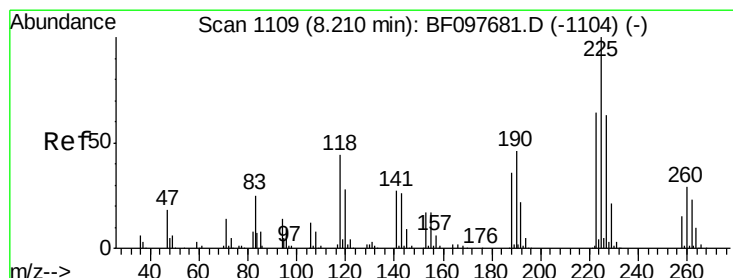
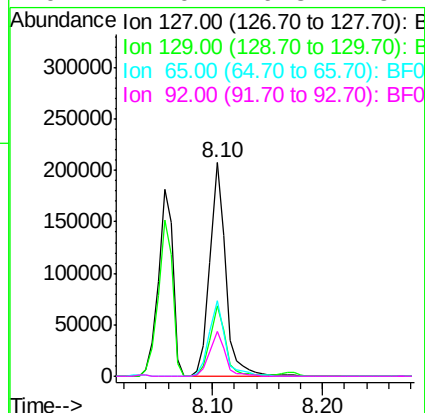
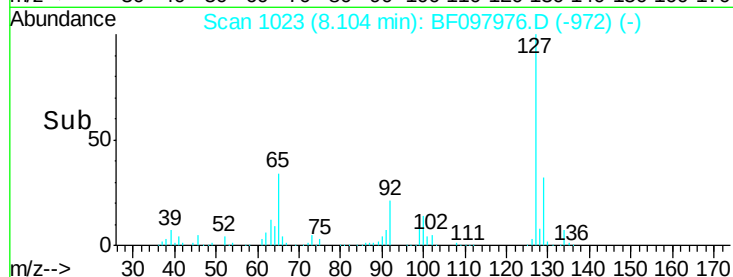
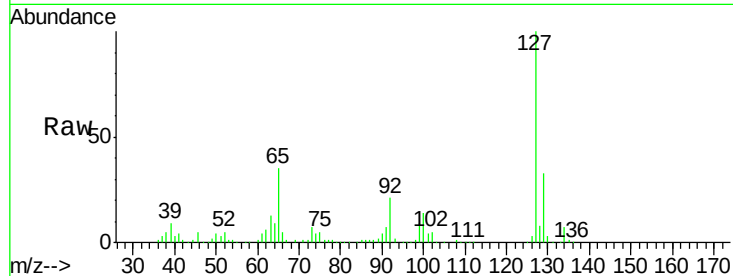




#33
4-Chloroaniline
Concen: 17.25 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

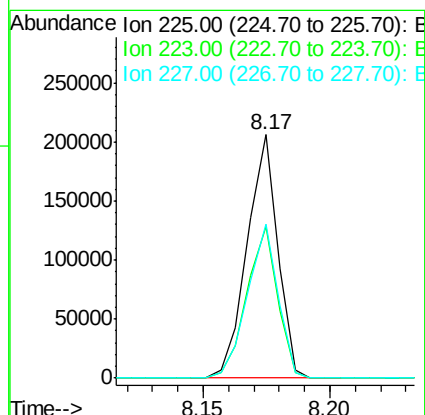
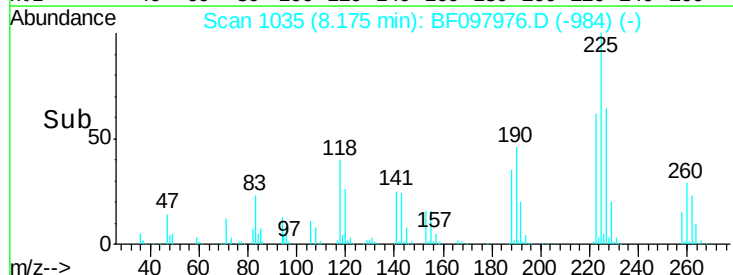
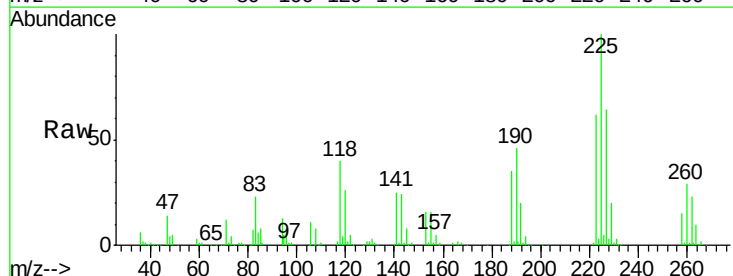
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

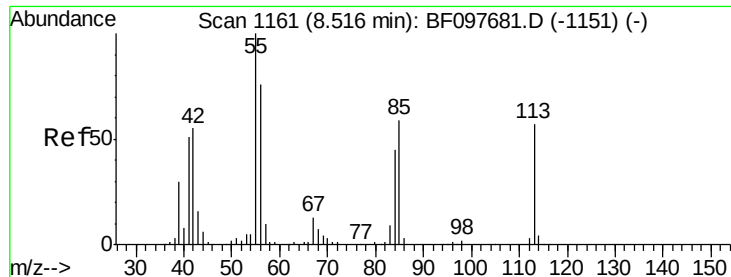
Tot Ion:	127	Resp:	201856
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	35.1	27.8	41.8
92	21.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.87 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion:	225	Resp:	173614
Ion	Ratio	Lower	Upper
225	100		
223	62.4	48.8	73.2
227	63.5	51.1	76.7

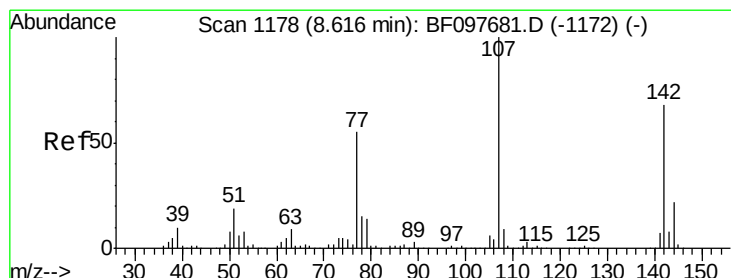
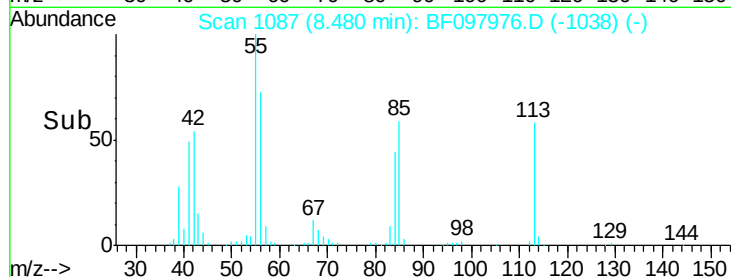
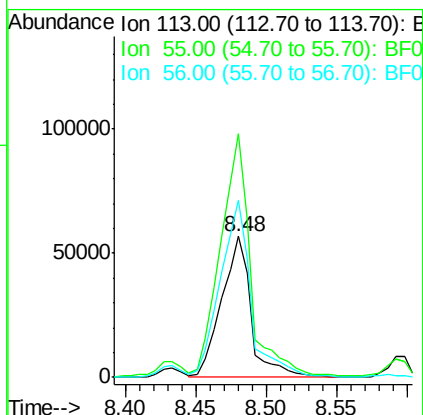
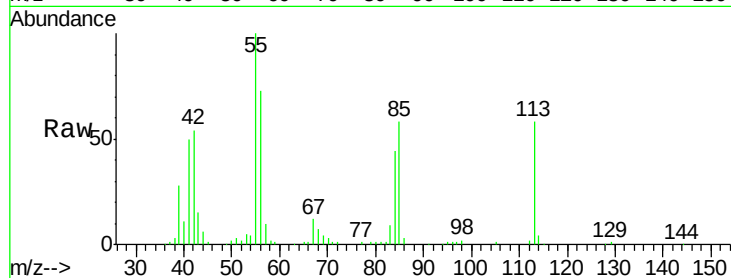




#35
 Caprolactam
 Concen: 34.47 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

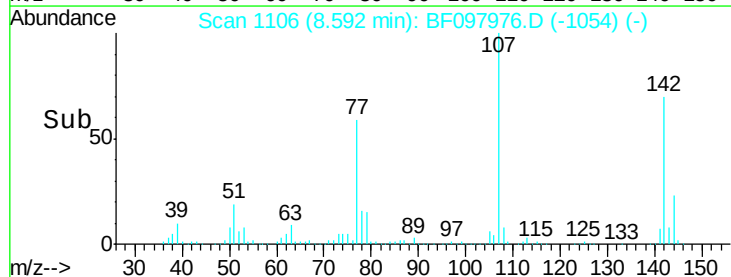
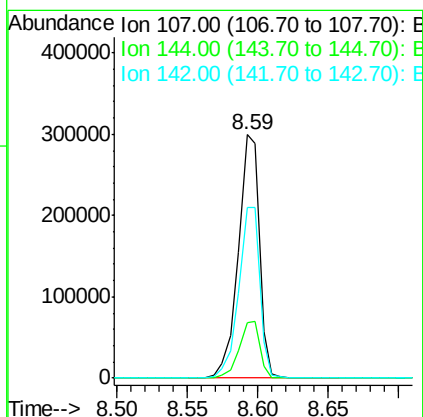
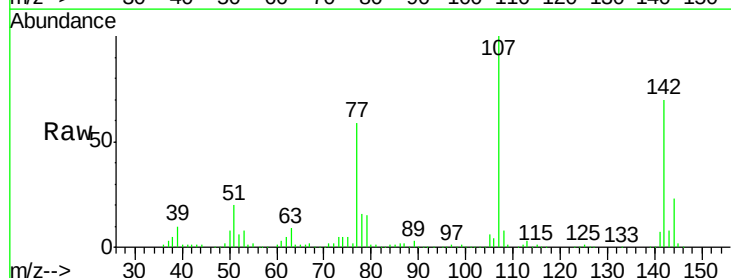
Instrument :
 BNA_F
 ClientSampleID :
 SP-5-6MSD

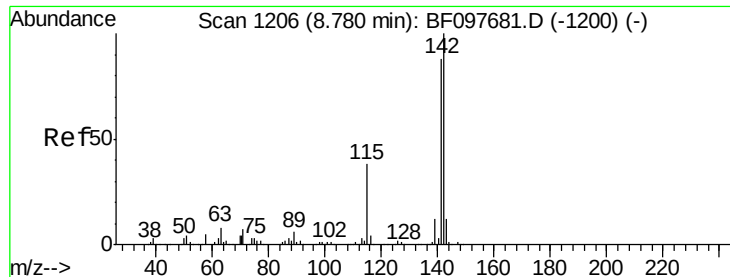
Tot Ion:113 Resp: 82989
 Ion Ratio Lower Upper
 113 100
 55 172.7 150.2 190.2
 56 125.8 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 34.35 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:107 Resp: 312604
 Ion Ratio Lower Upper
 107 100
 144 22.5 24.2 36.4#
 142 69.9 73.4 110.0#

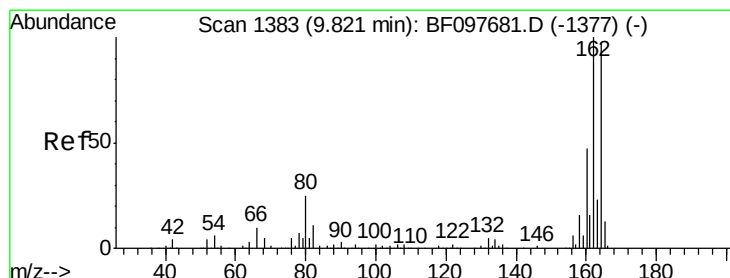
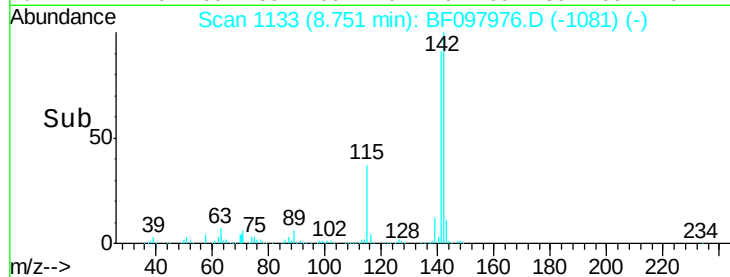
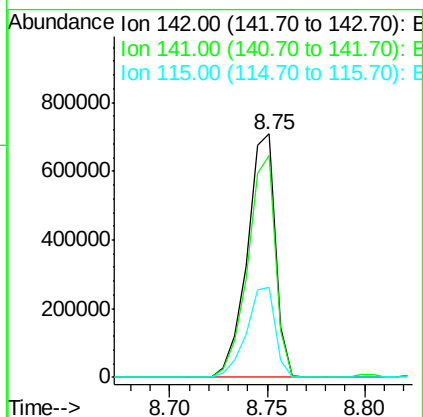
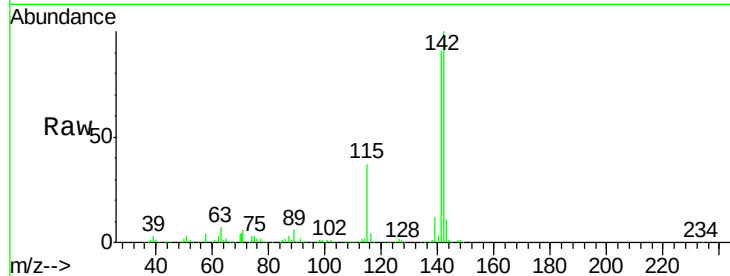




#37
2-Methylnaphthalene
Concen: 41.75 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

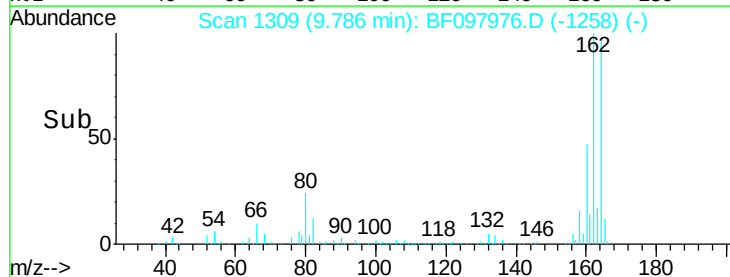
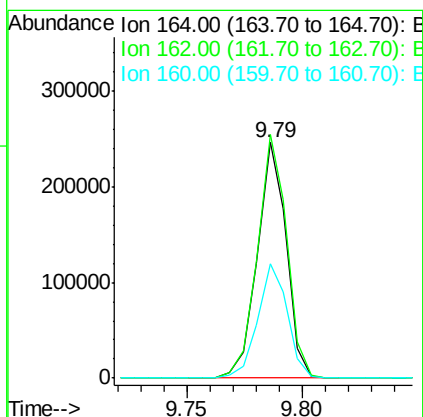
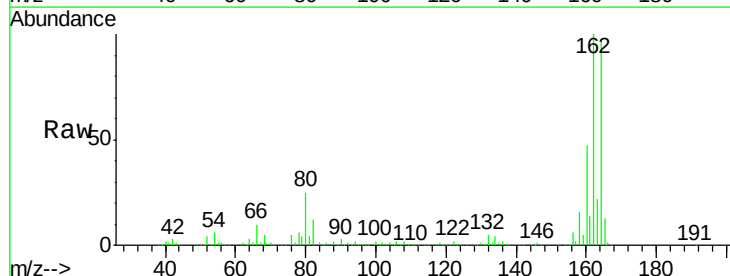
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

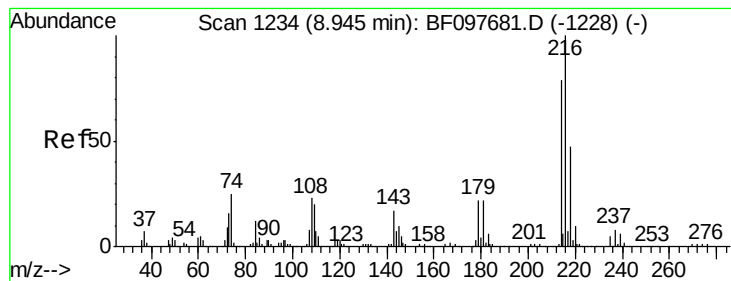
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.3	106.9
115	37.2	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	48.6	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.13 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion:216 Resp: 272593

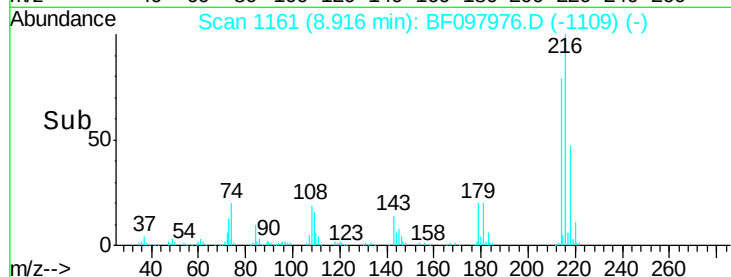
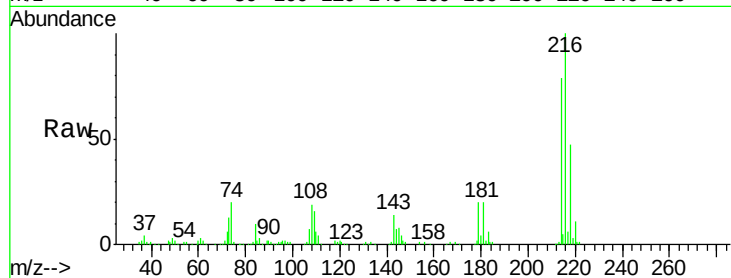
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 21.2 17.9 26.9

108 24.0 16.5 24.7

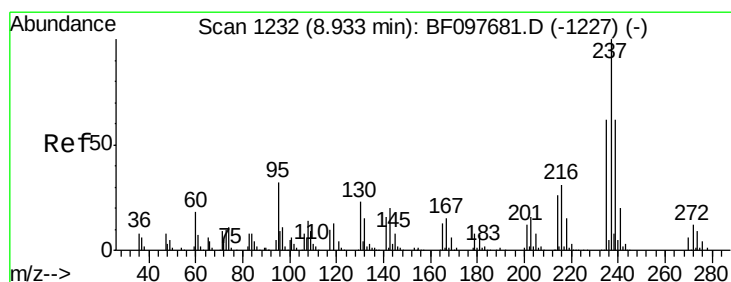
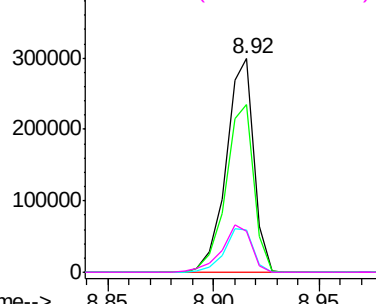


Abundance Ion 216.00 (215.70 to 216.70): E

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: 28.94 ng

RT: 8.90 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

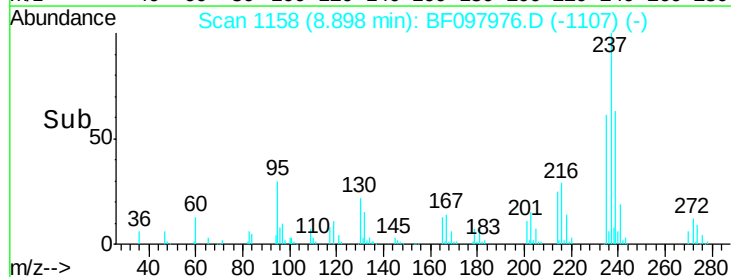
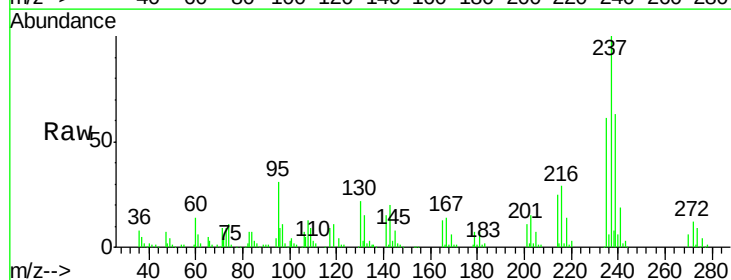
Tgt Ion:237 Resp: 92152

Ion Ratio Lower Upper

237 100

235 61.3 42.6 82.6

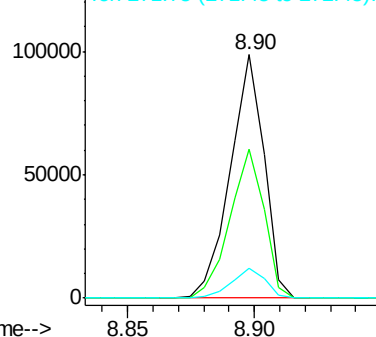
272 12.0 0.0 31.9

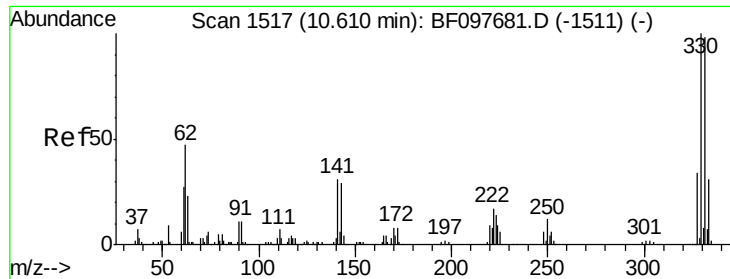


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

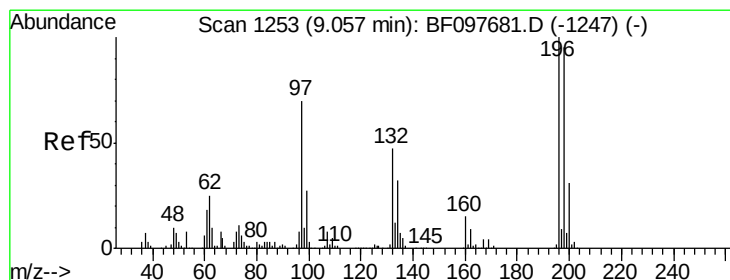
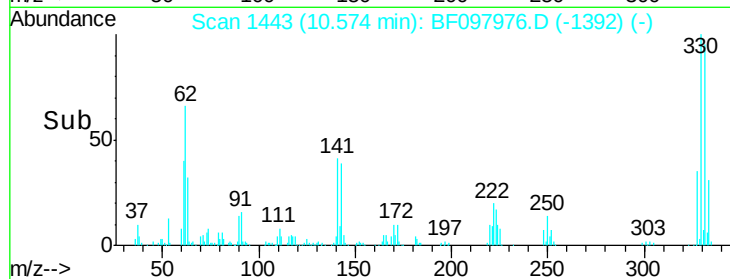
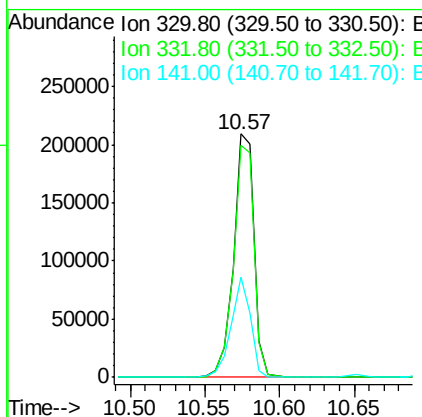
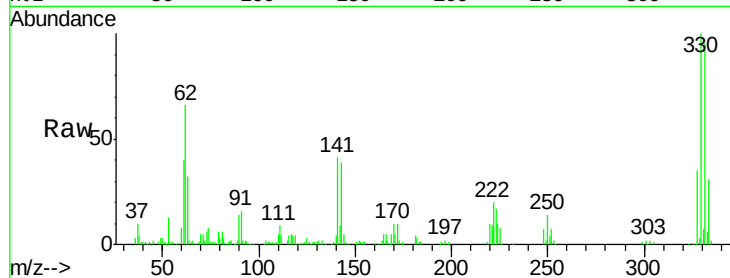




#41
 2,4,6-Tribromophenol
 Concen: 107.92 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

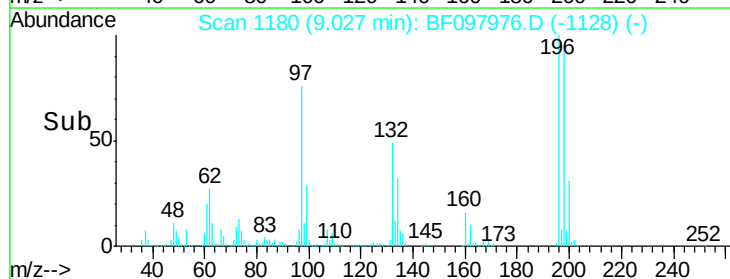
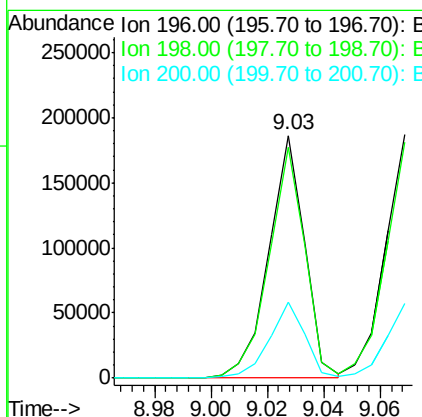
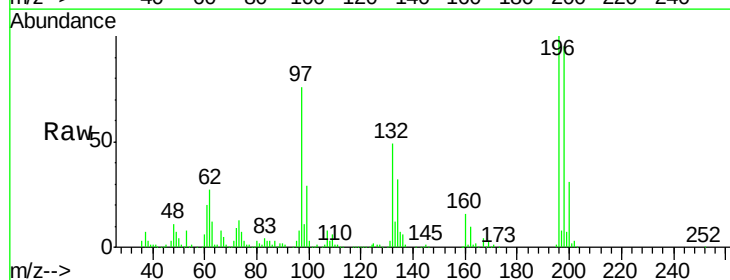
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

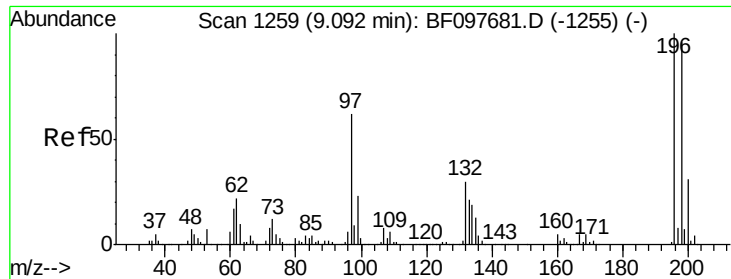
Tot Ion:330 Resp: 202201
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 40.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 36.93 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:196 Resp: 164327
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.4
 200 31.2 24.0 36.0

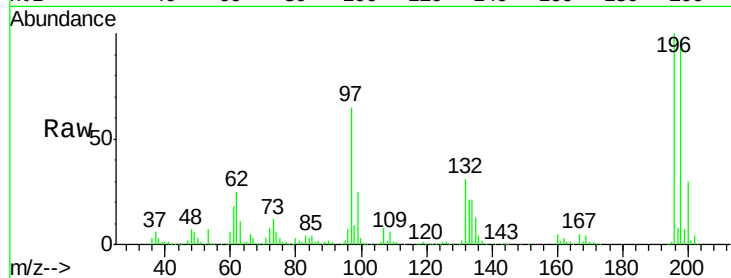




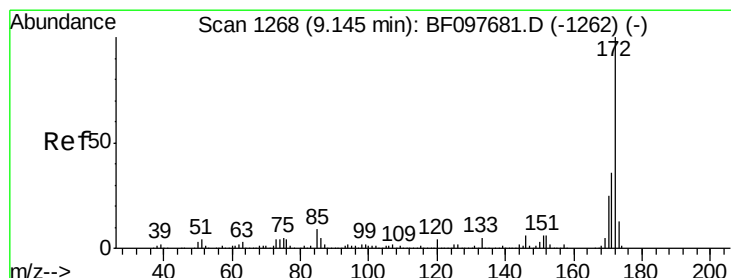
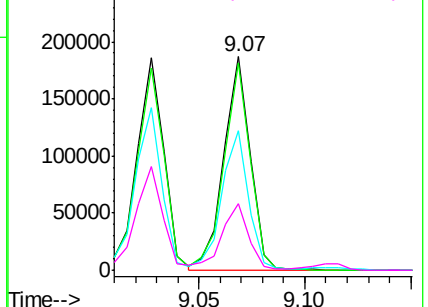
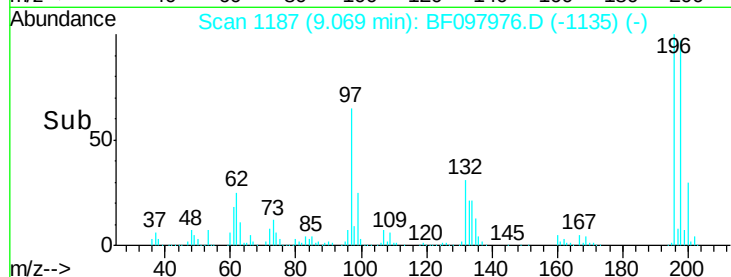
#43
 2,4,5-Trichlorophenol
 Concen: 36.67 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion:196 Resp: 161870
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 97 65.0 47.7 71.5
 132 31.3 28.0 42.0

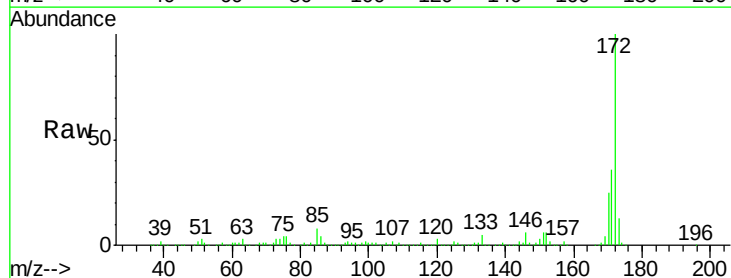


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

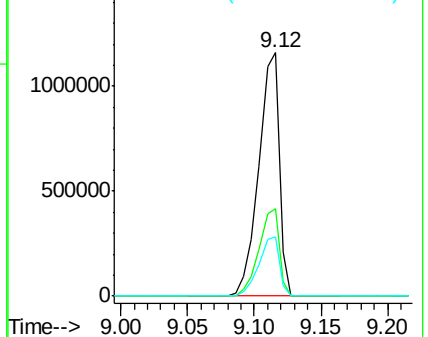
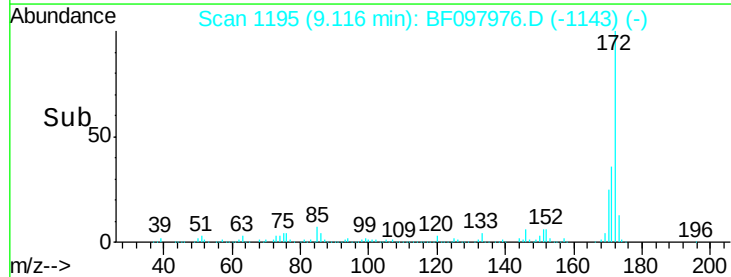


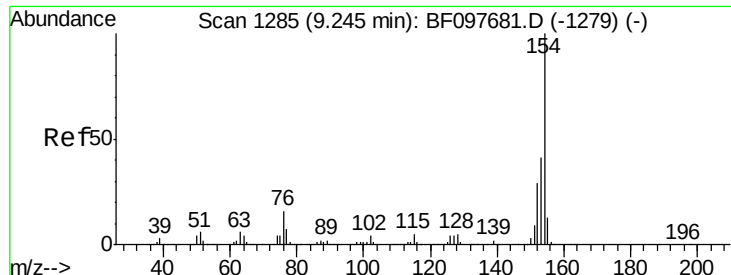
#44
 2-Fluorobiphenyl
 Concen: 83.22 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:172 Resp: 1223178
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.6 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

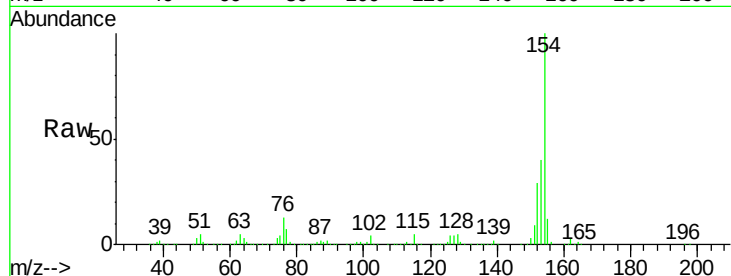




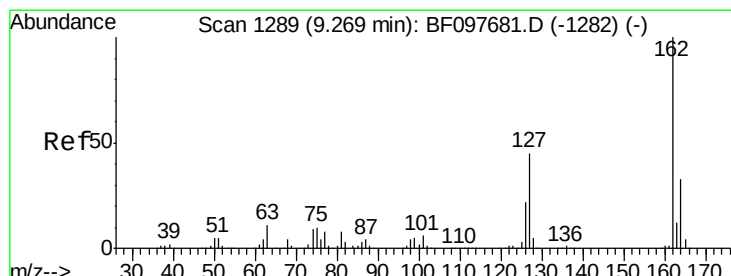
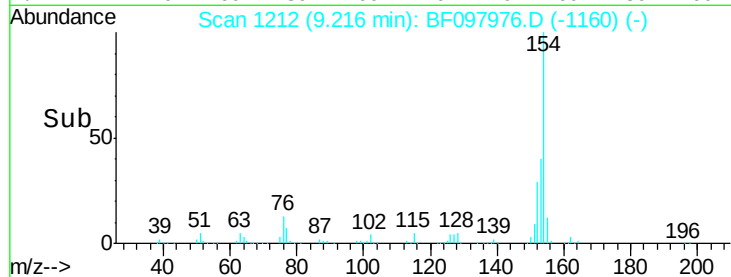
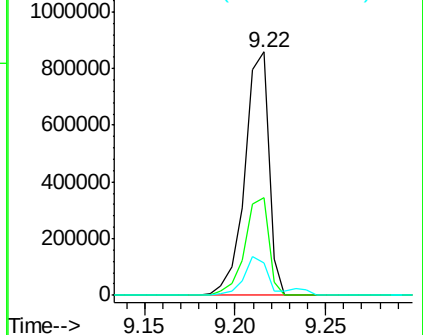
#45
 1,1'-Biphenyl
 Concen: 40.13 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion:	154	Resp:	790155
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.2	61.2
76	13.3	0.0	29.9

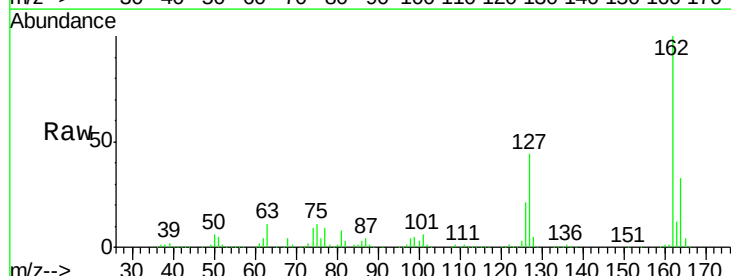


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

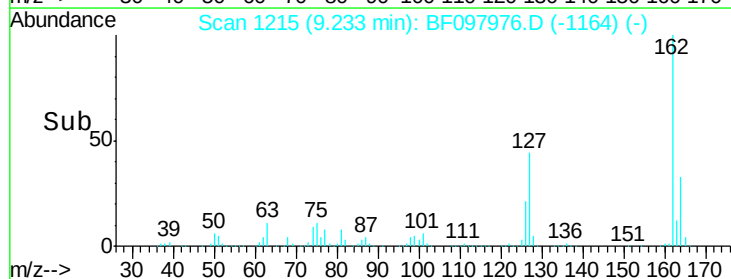
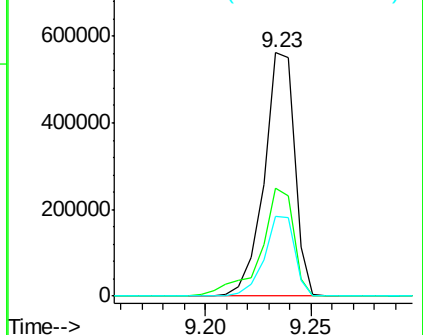


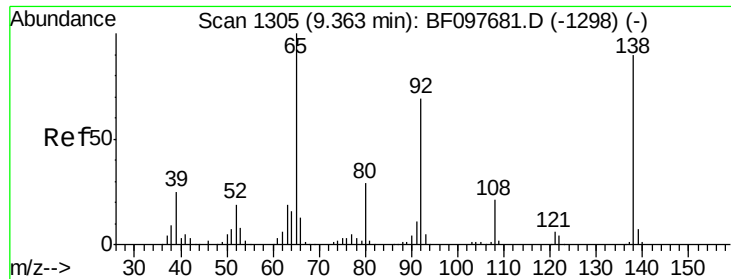
#46
 2-Chloronaphthalene
 Concen: 38.92 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:	162	Resp:	566267
Ion Ratio	Lower	Upper	
162	100		
127	44.3	28.3	42.5#
164	32.5	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

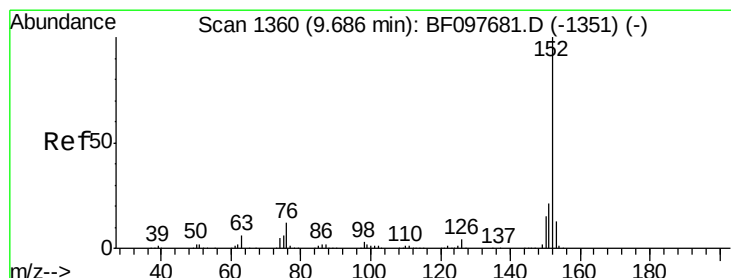
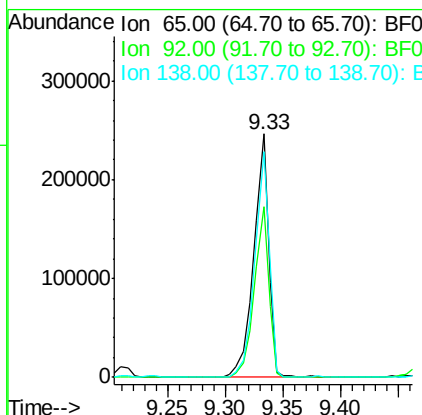
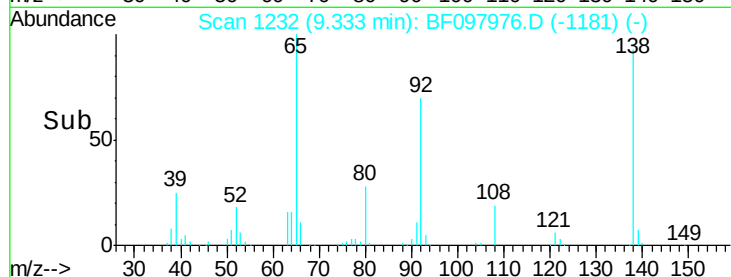
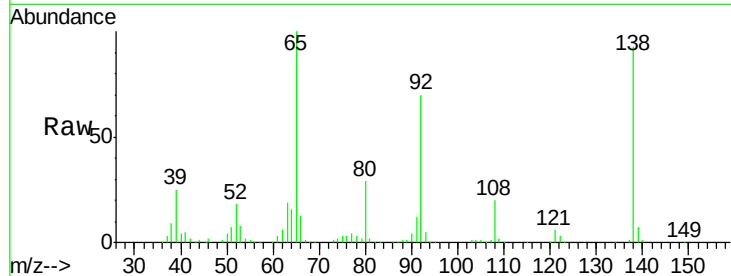




#47
 2-Nitroaniline
 Concen: 45.66 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

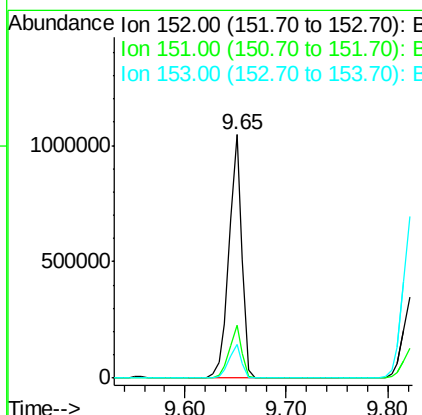
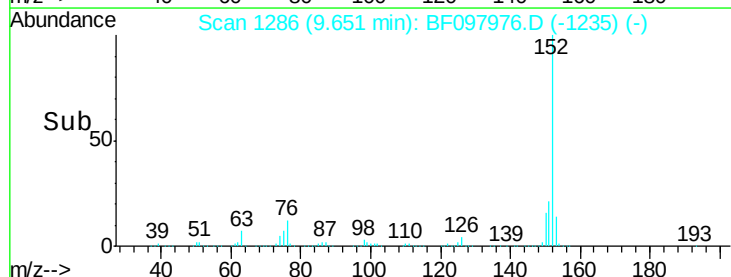
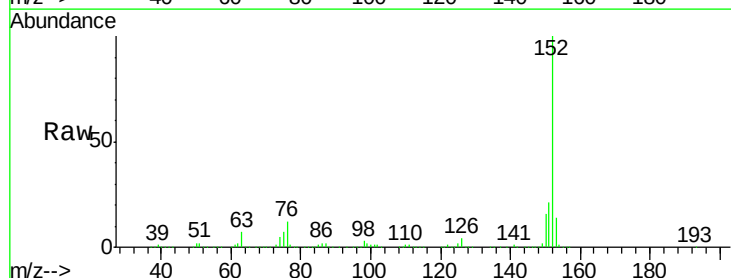
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

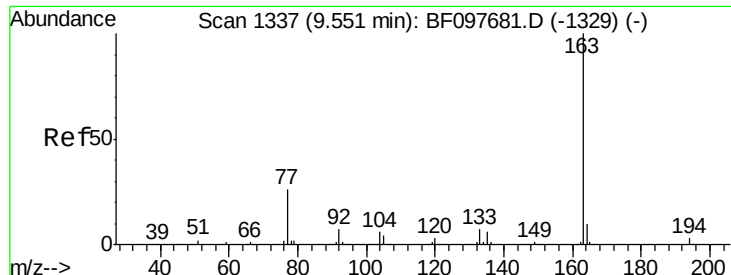
Tot Ion:	65	Resp:	222731
Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	92.6	78.8	118.2



#48
 Acenaphthylene
 Concen: 40.30 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:	152	Resp:	920769
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	13.6	10.8	16.2

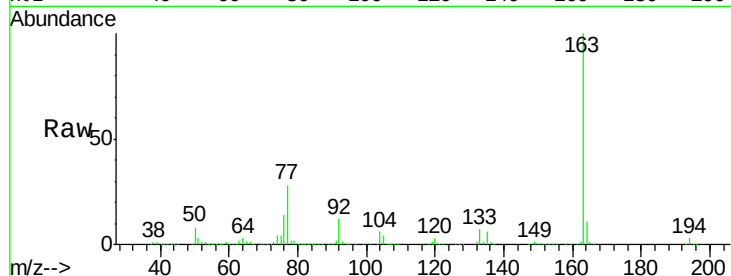




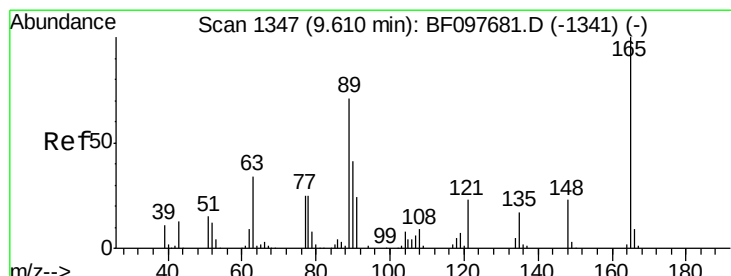
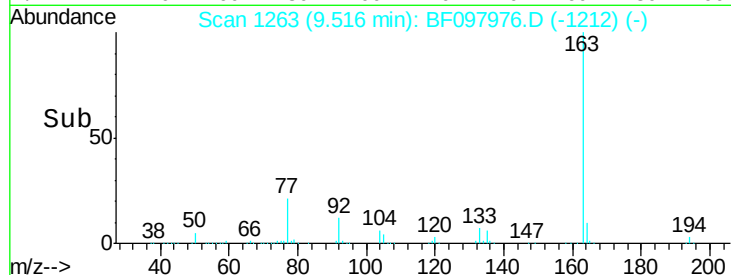
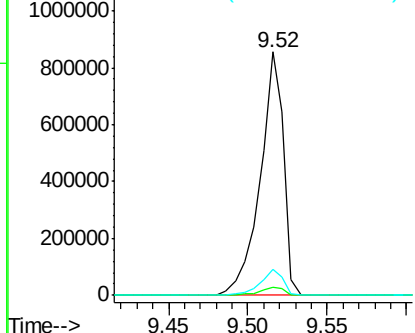
#49
Dimethylphthalate
Concen: 55.92 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Instrument :
BNA_F
ClientSampled :
SP-5-6MSD

Tot Ion:163 Resp: 882732
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.4 12.6

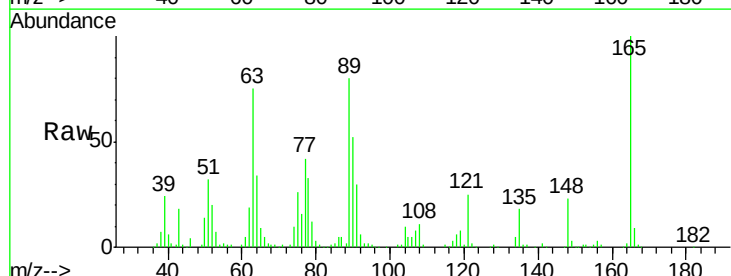


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

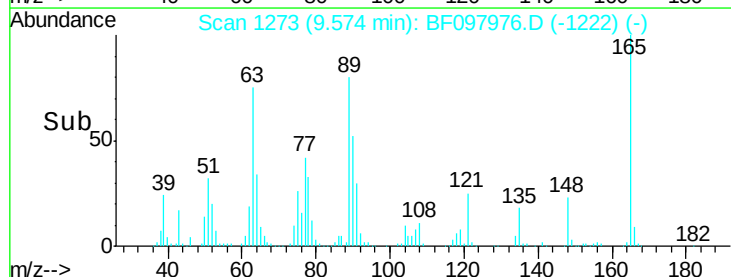
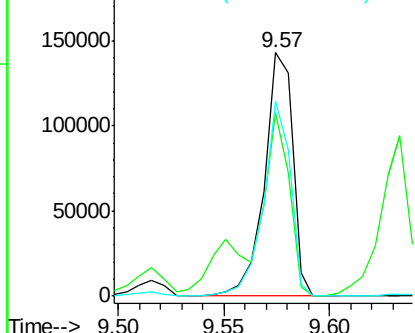


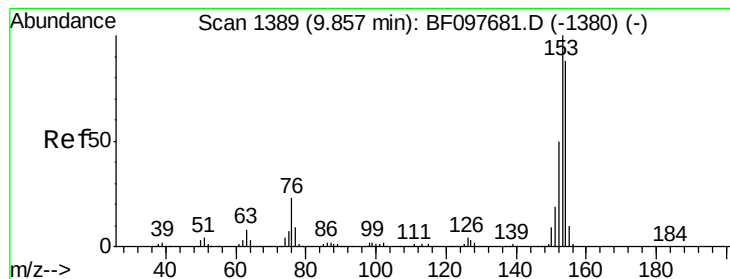
#50
2,6-Dinitrotoluene
Concen: 42.47 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion:165 Resp: 133808
Ion Ratio Lower Upper
165 100
63 75.1 34.3 51.5#
89 80.1 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: 38.68 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

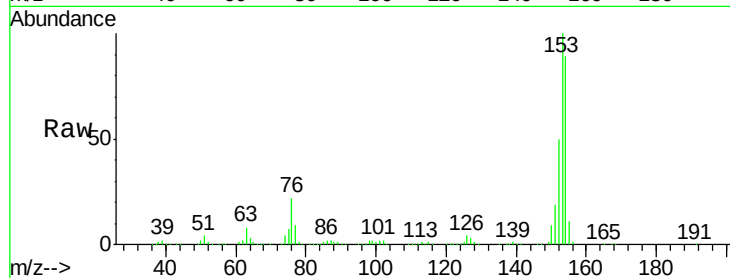
Tot Ion:154 Resp: 557324

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

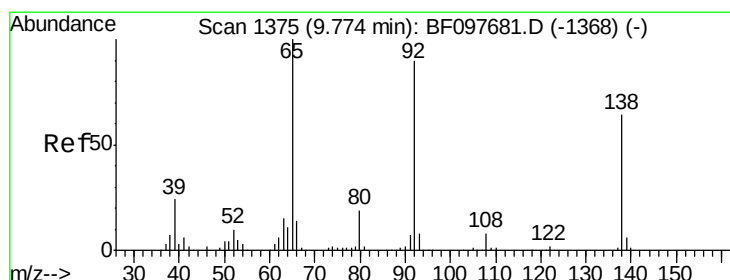
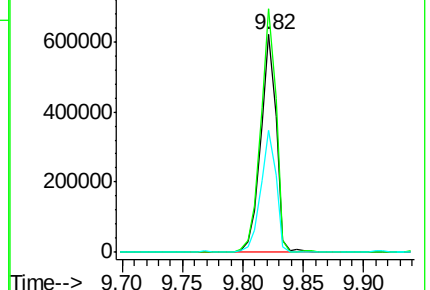
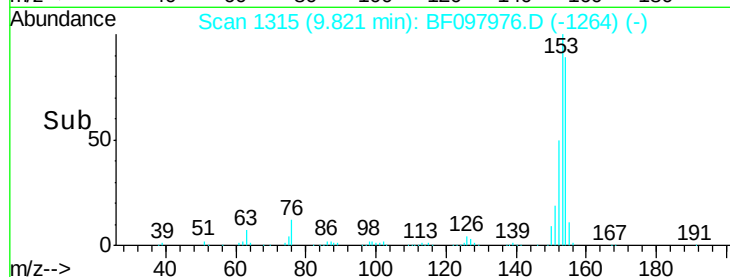
152 56.0 43.6 65.4



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: 33.72 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

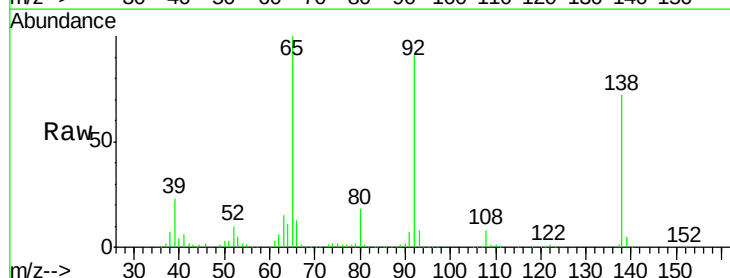
Tgt Ion:138 Resp: 137088

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

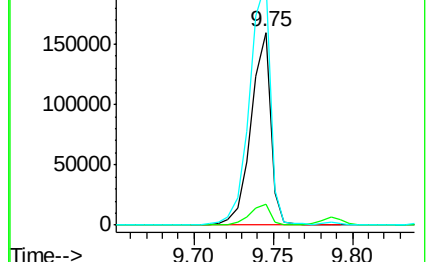
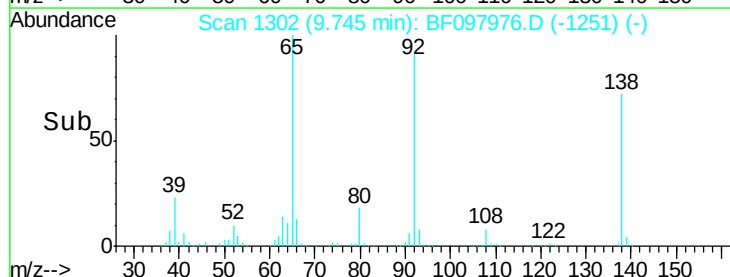
92 126.3 93.8 140.6

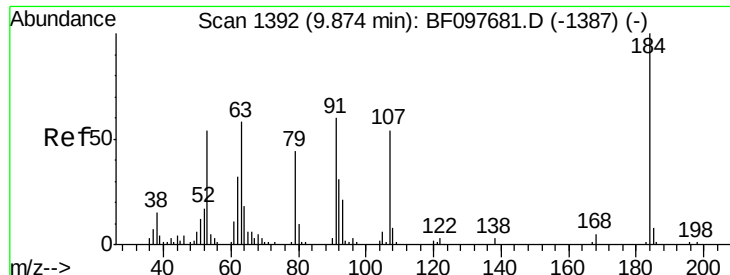


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

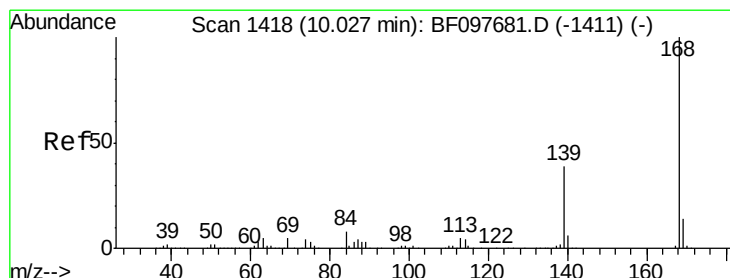
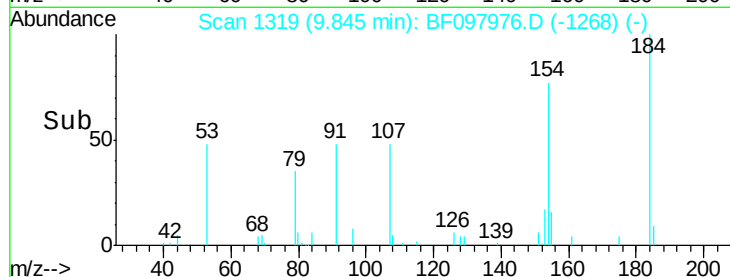
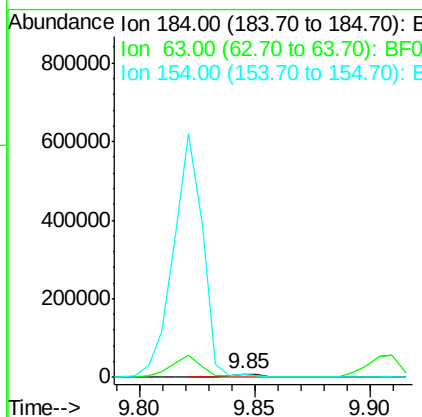
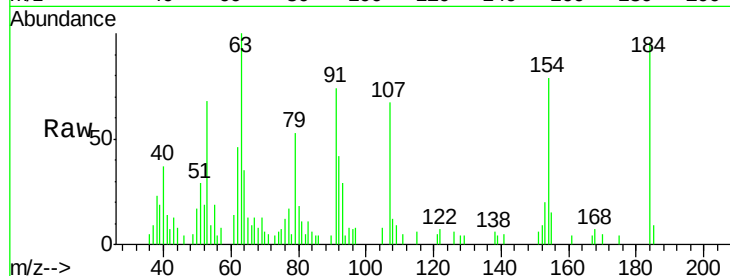




#53
 2,4-Dinitrophenol
 Concen: 14.71 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

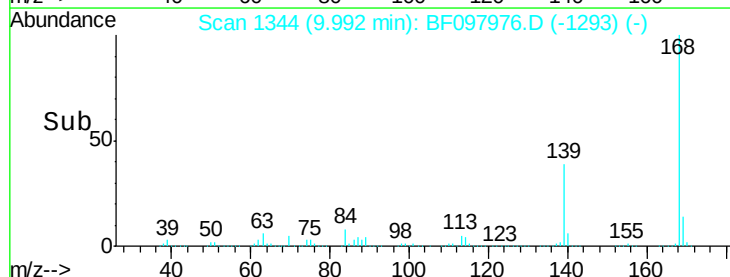
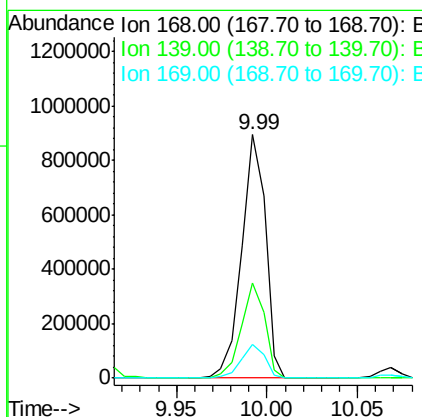
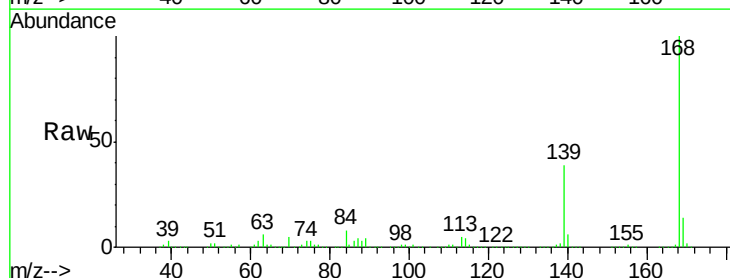
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

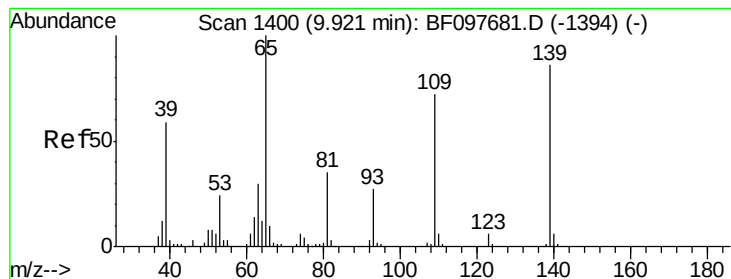
Tot Ion	Ratio	Lower	Upper
184	100		
63	103.7	62.7	94.1#
154	81.6	81.1	121.7



#54
 Dibenzofuran
 Concen: 42.40 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.1	30.6	45.8
169	13.7	10.8	16.2





#55

4-Nitrophenol

Concen: 52.88 ng

RT: 9.91 min Scan# 1330

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

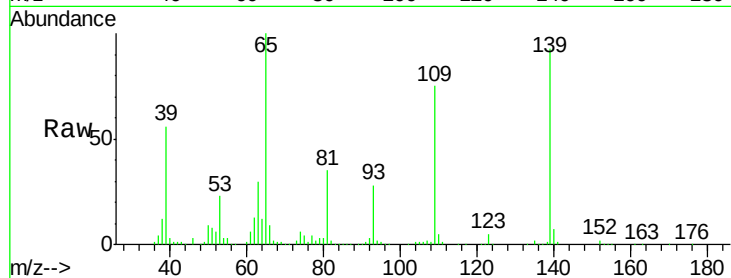
Tot Ion:139 Resp: 171490

Ion Ratio Lower Upper

139 100

109 80.2 34.1 74.1#

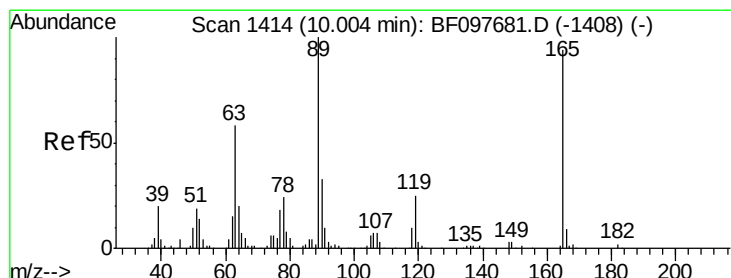
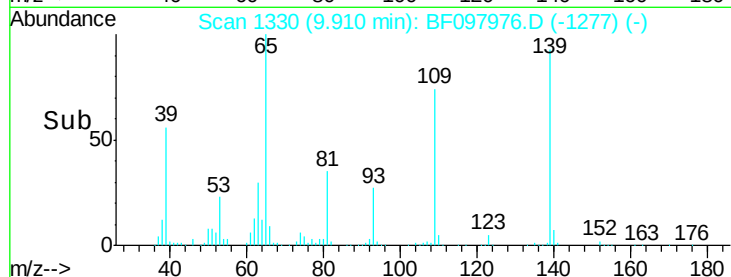
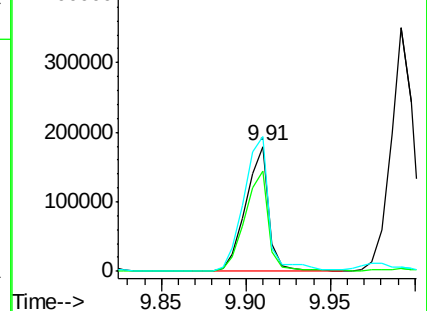
65 107.6 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 40.01 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:165 Resp: 158201

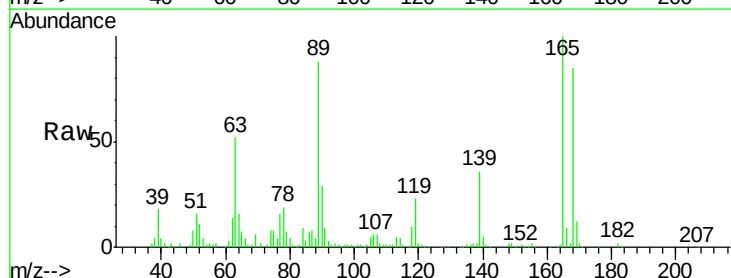
Ion Ratio Lower Upper

165 100

63 52.2 25.4 38.0#

89 88.4 46.4 69.6#

182 2.2 1.8 2.6

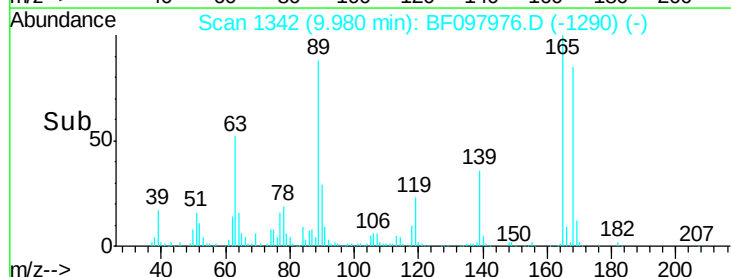
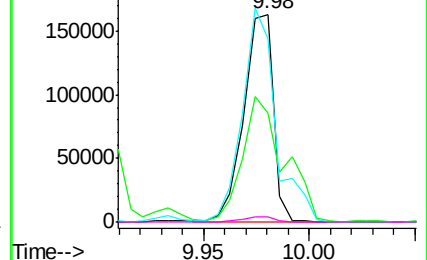


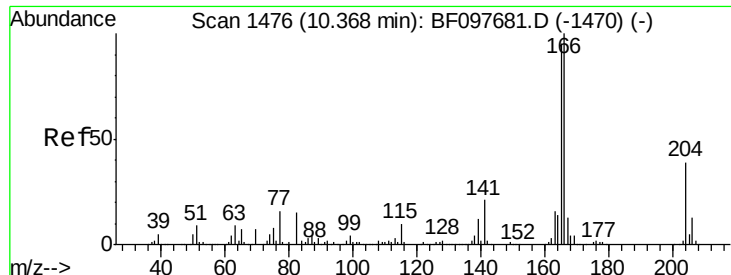
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.16 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

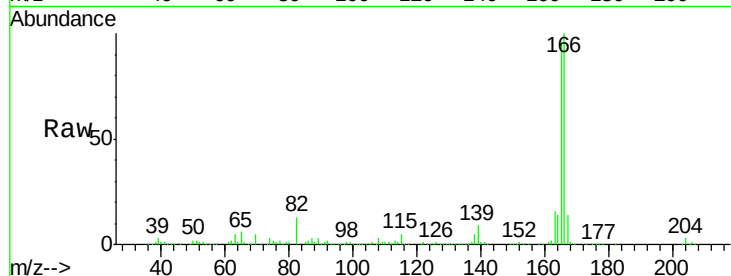
Tot Ion:166 Resp: 599584

Ion Ratio Lower Upper

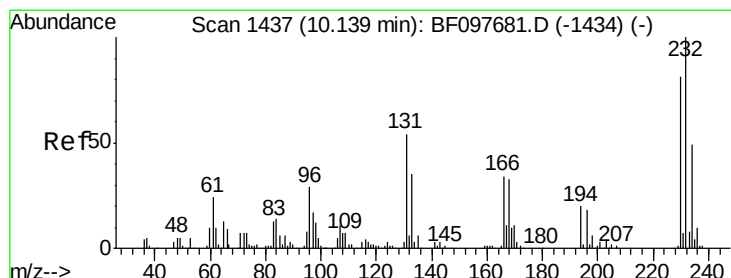
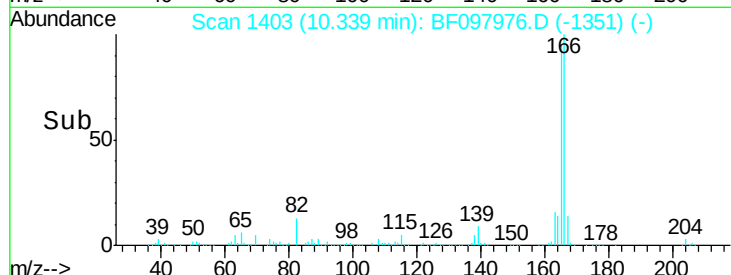
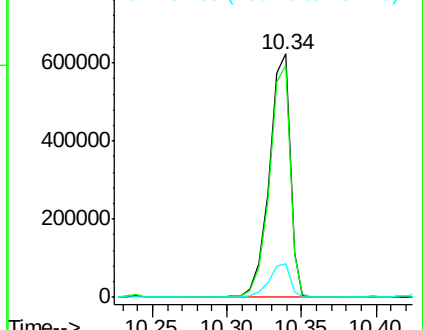
166 100

165 95.6 78.8 118.2

167 13.6 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: 35.83 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Tgt Ion:232 Resp: 122439

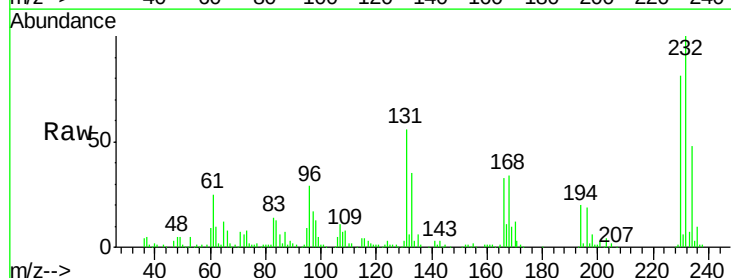
Ion Ratio Lower Upper

232 100

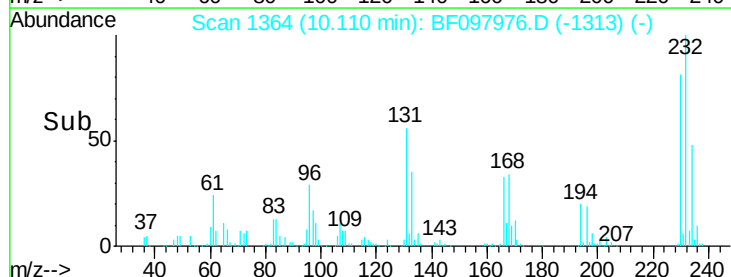
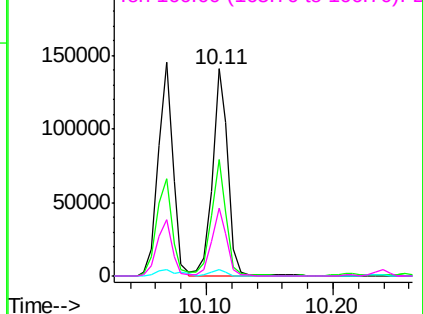
131 51.9 44.8 67.2

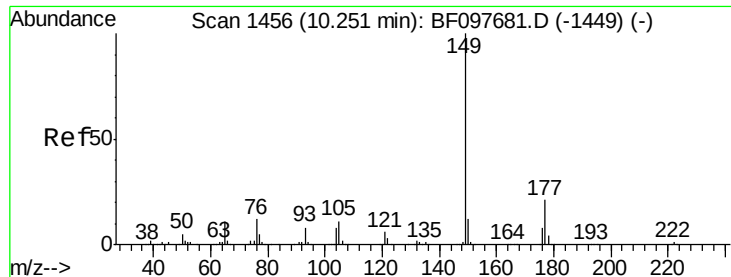
130 3.0 2.3 3.5

166 32.3 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

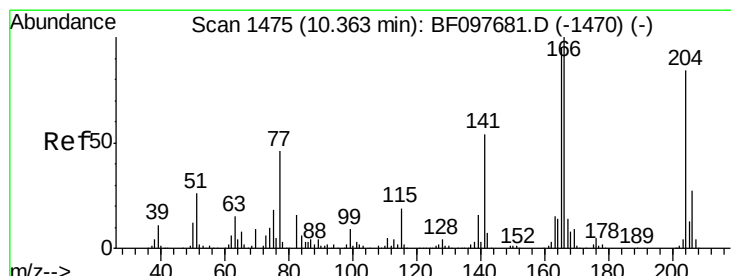
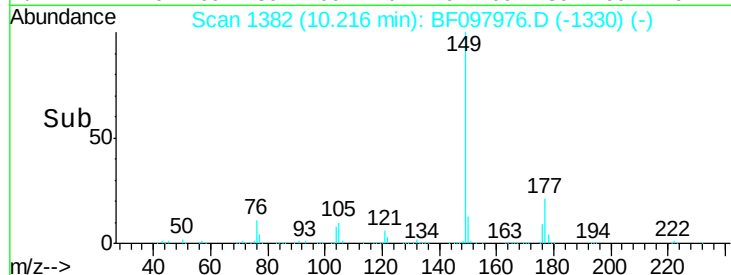
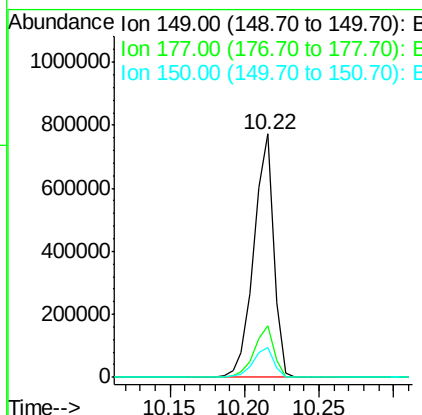
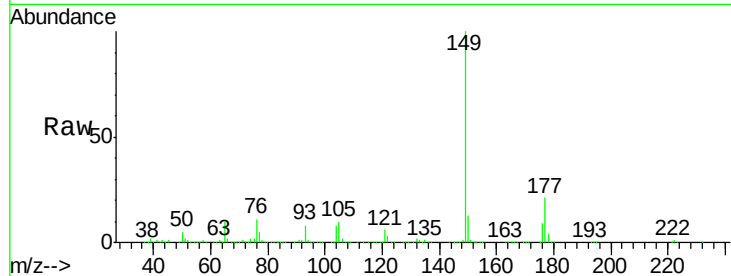




#59
Diethylphthalate
Concen: 42.78 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

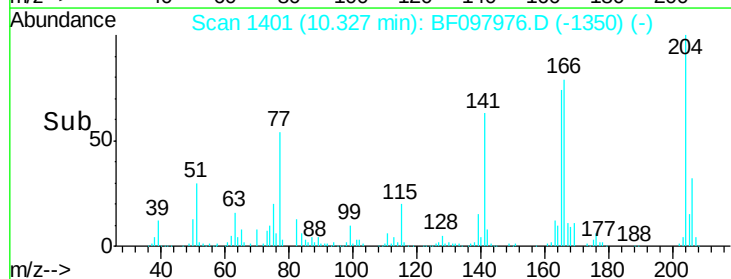
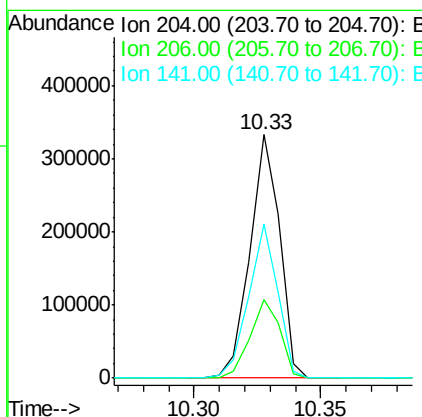
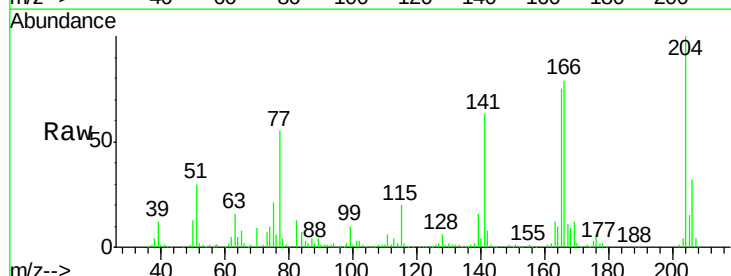
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

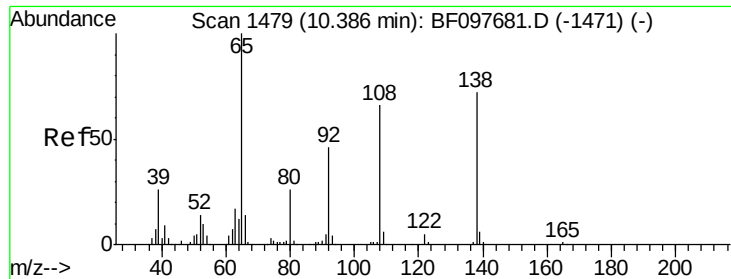
Tot Ion:149 Resp: 706151
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.25 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion:204 Resp: 272261
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 63.4 60.8 91.2

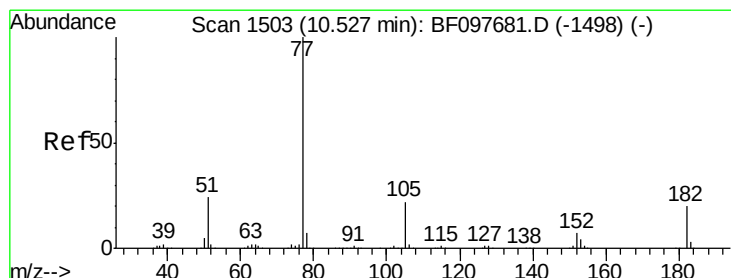
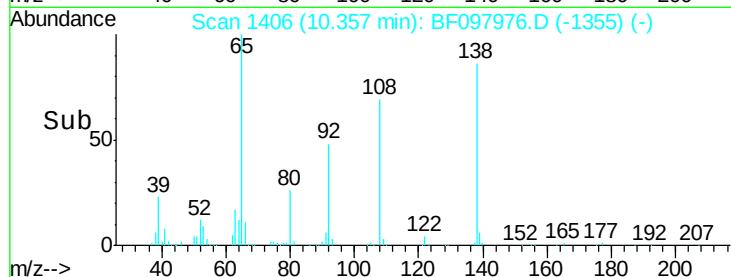
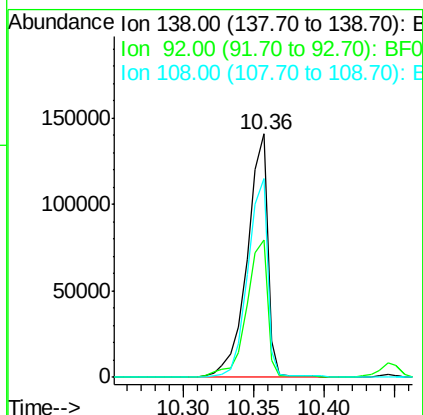
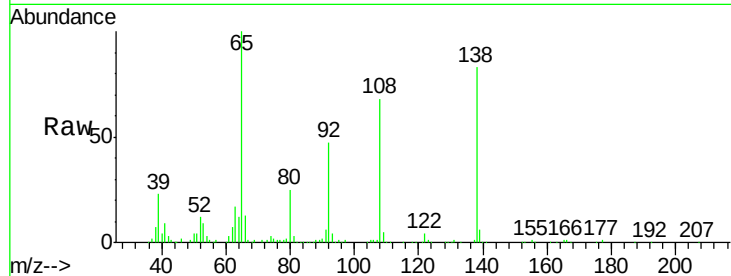




#61
4-Nitroaniline
Concen: 37.35 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

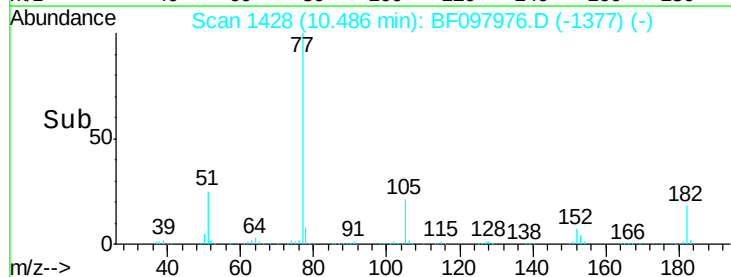
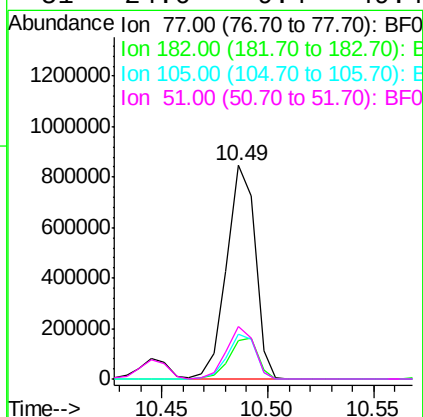
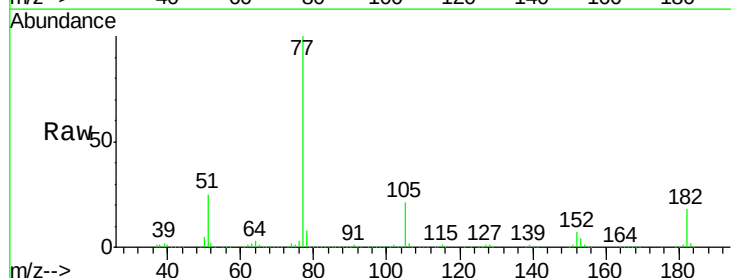
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

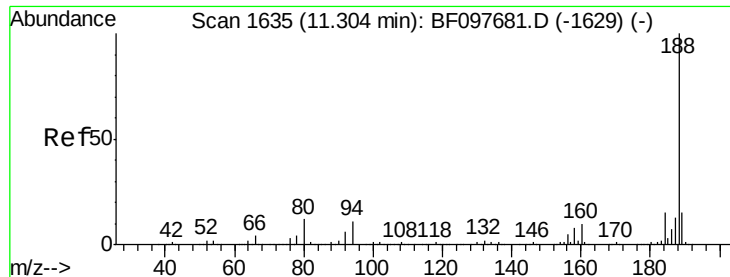
Tot Ion:138 Resp: 144288
Ion Ratio Lower Upper
138 100
92 56.4 21.8 61.8
108 81.6 42.3 82.3



#62
Azobenzene
Concen: 40.19 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion: 77 Resp: 788073
Ion Ratio Lower Upper
77 100
182 18.0 0.1 40.1
105 20.9 3.6 43.6
51 24.6 9.4 49.4

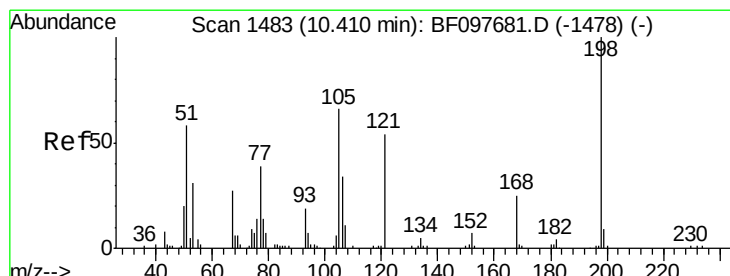
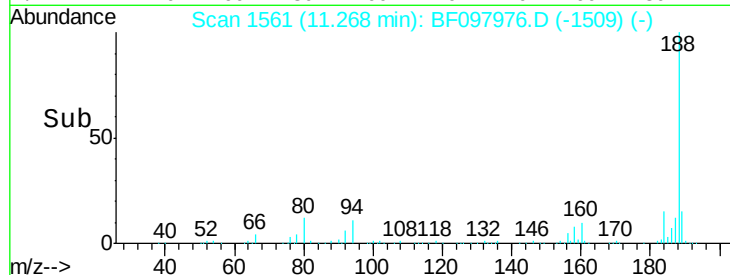
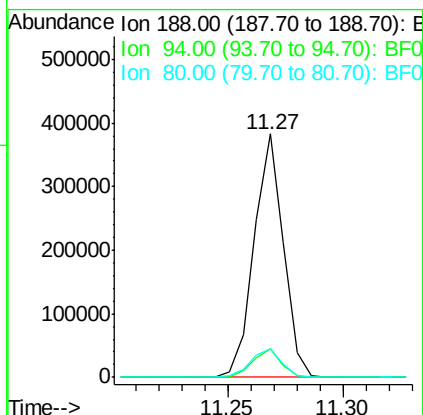
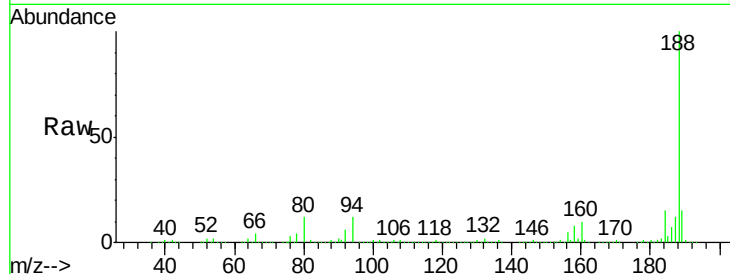




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

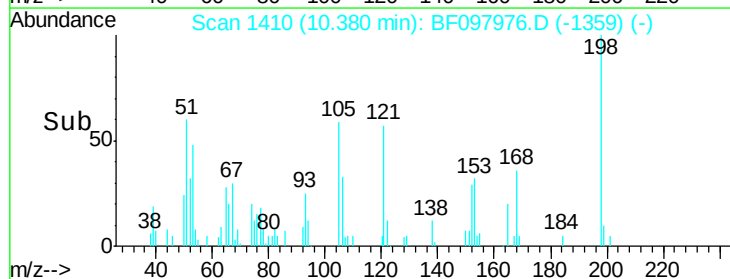
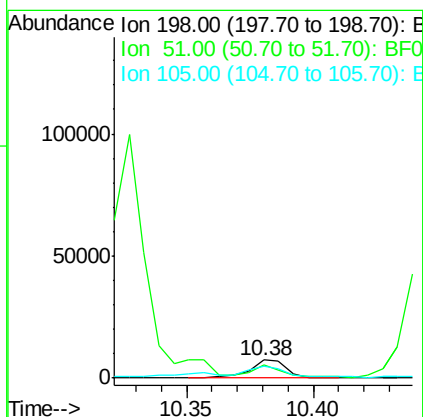
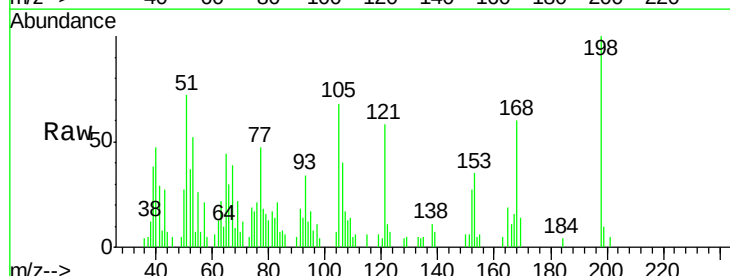
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

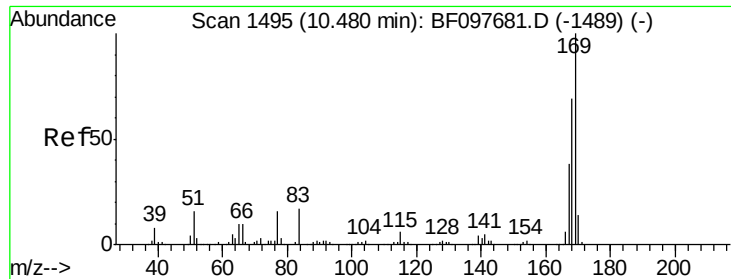
Tot Ion:188 Resp: 340108
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.4 14.2
 80 11.8 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 12.14 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:198 Resp: 7401
 Ion Ratio Lower Upper
 198 100
 51 72.5 53.2 93.2
 105 67.9 45.8 85.8

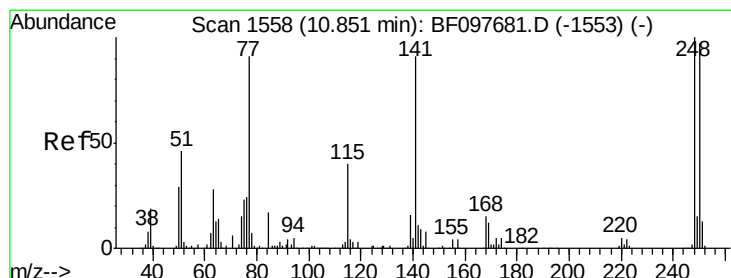
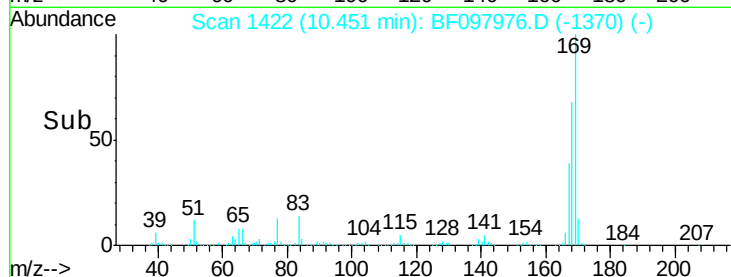
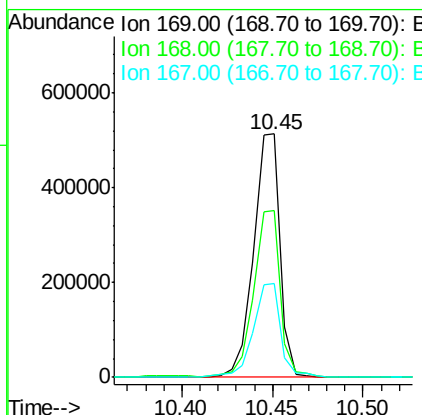
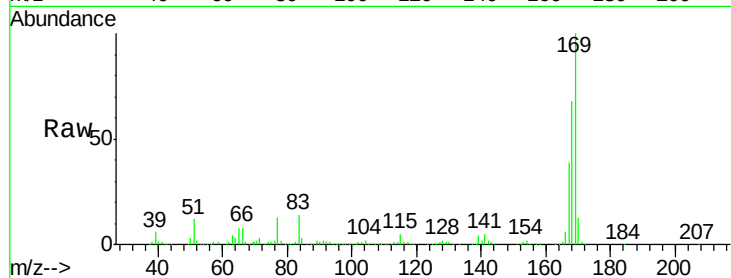




#65
 n-Nitrosodiphenylamine
 Concen: 44.76 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

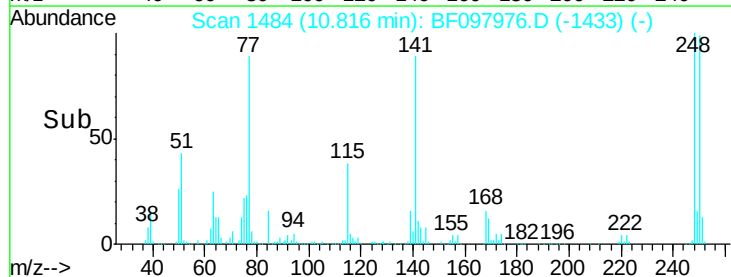
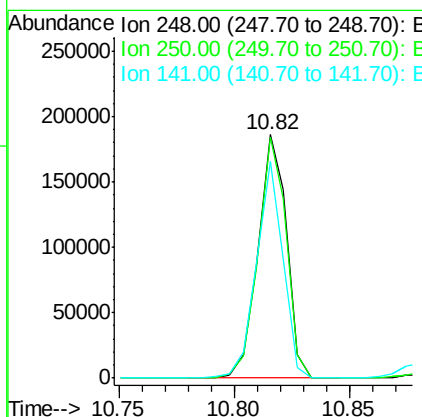
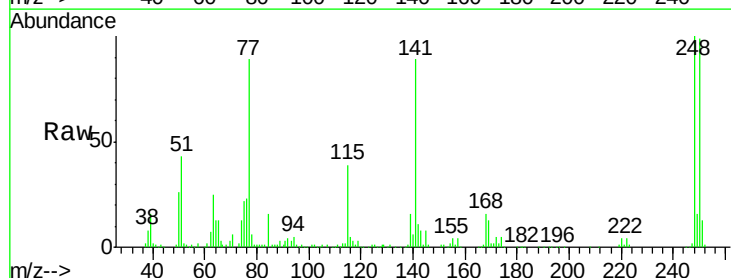
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

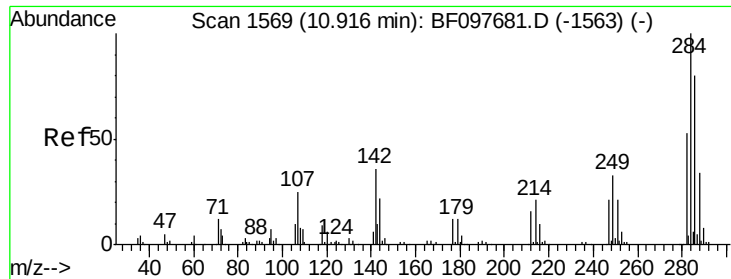
Tot Ion:169 Resp: 518427
 Ion Ratio Lower Upper
 169 100
 168 68.3 53.2 79.8
 167 38.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 45.44 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:248 Resp: 160489
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 89.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.33 ng

RT: 10.88 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

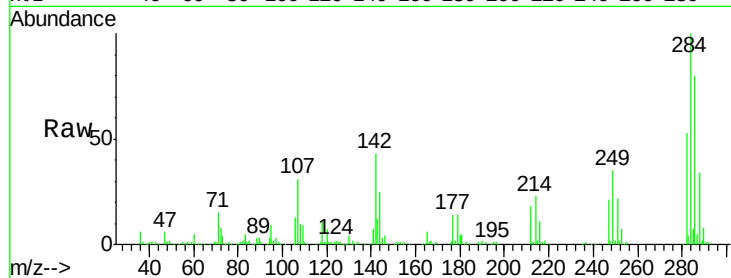
Tot Ion:284 Resp: 145190

Ion Ratio Lower Upper

284 100

142 43.0 22.8 34.2#

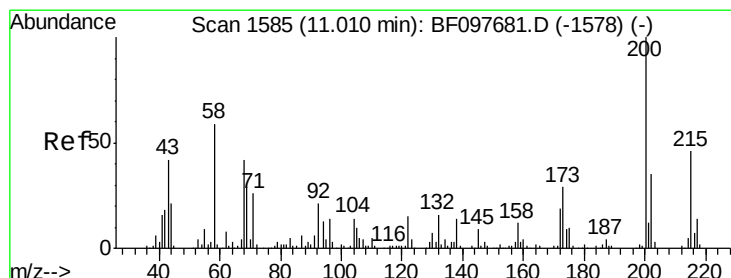
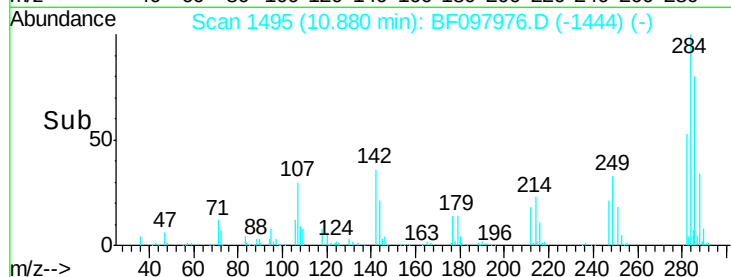
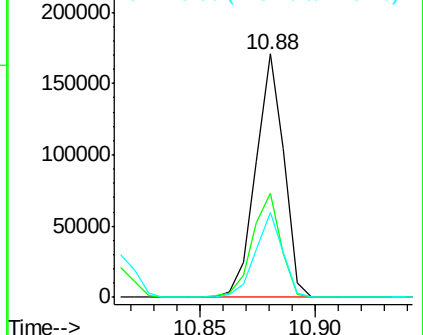
249 34.8 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.73 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

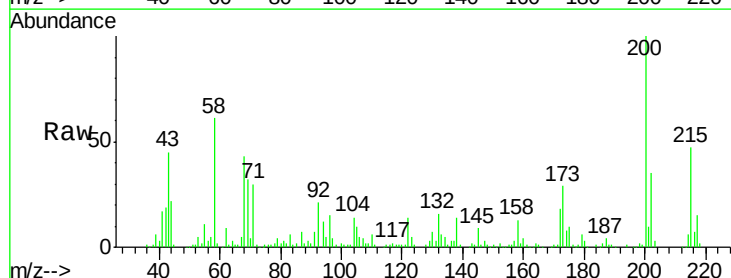
Tgt Ion:200 Resp: 137379

Ion Ratio Lower Upper

200 100

173 28.6 6.3 46.3

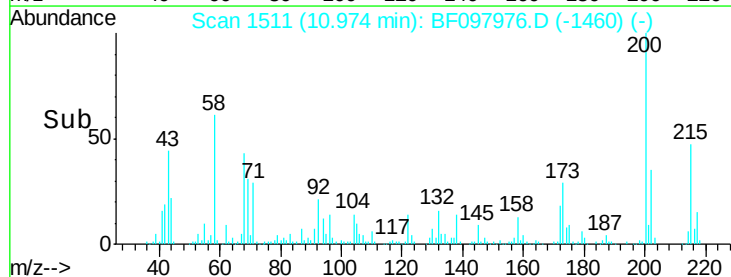
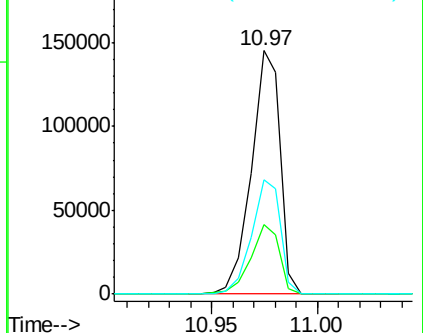
215 46.8 27.2 67.2

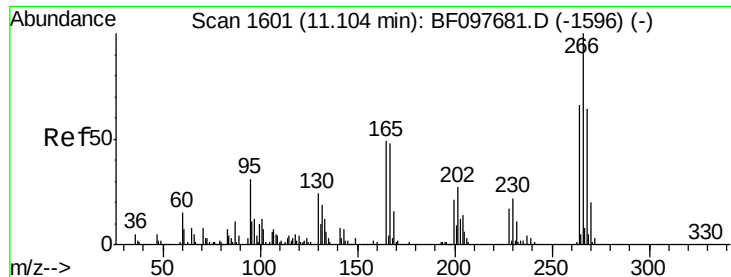


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

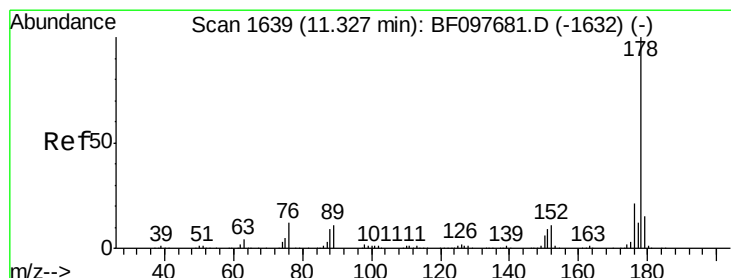
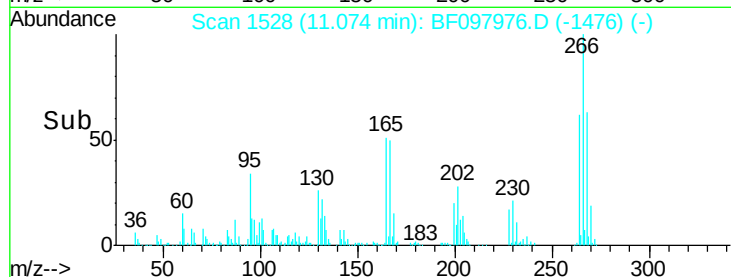
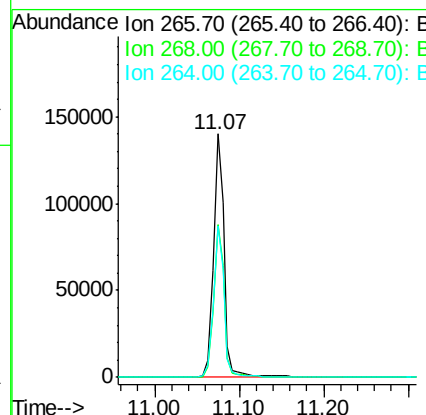
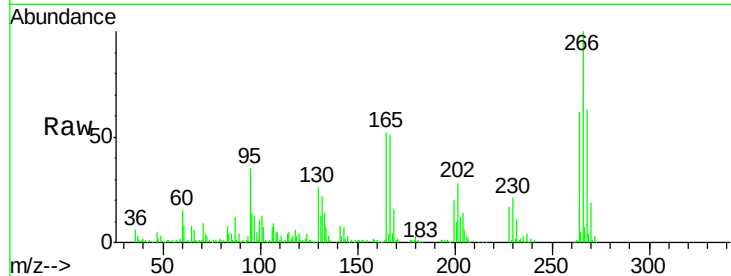




#69
 Pentachlorophenol
 Concen: 59.18 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

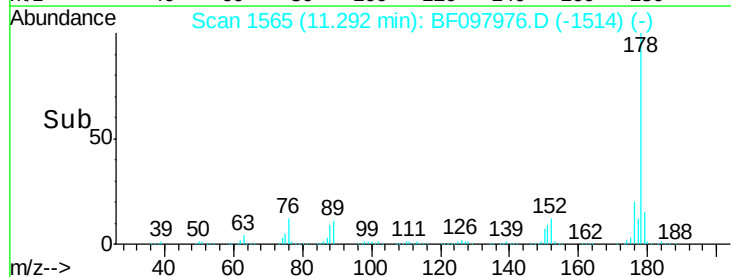
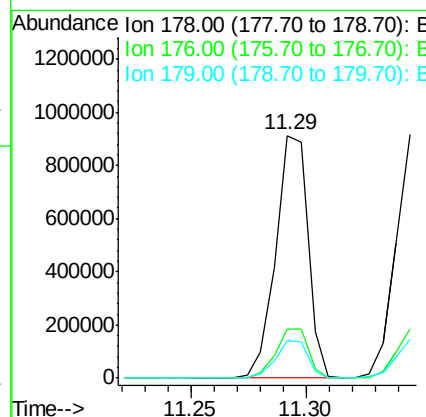
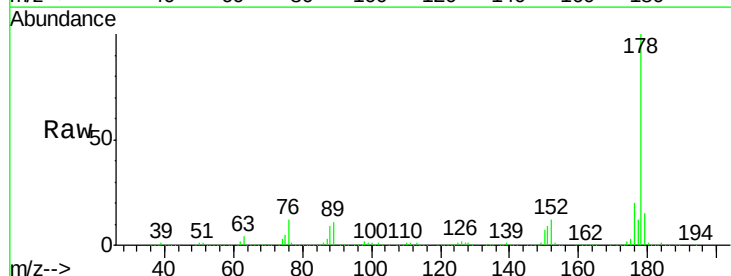
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

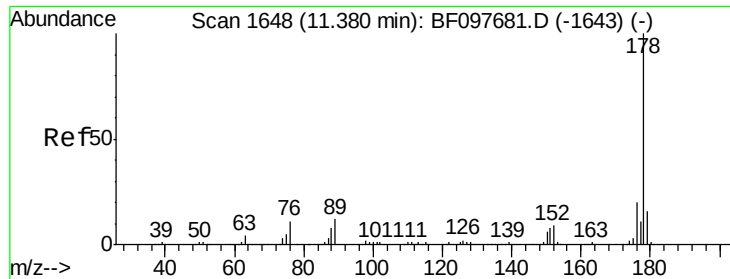
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.1	76.7
264	62.0	51.7	77.5



#70
 Phenanthrene
 Concen: 48.94 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.2	24.4
179	15.5	12.6	19.0

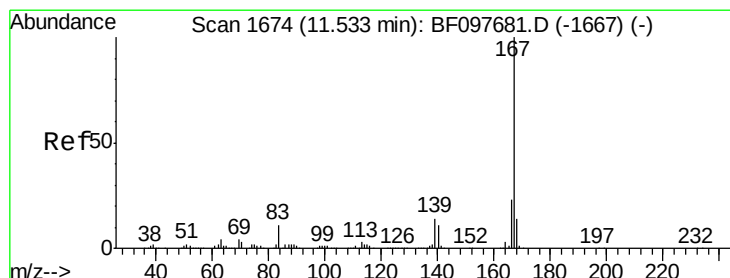
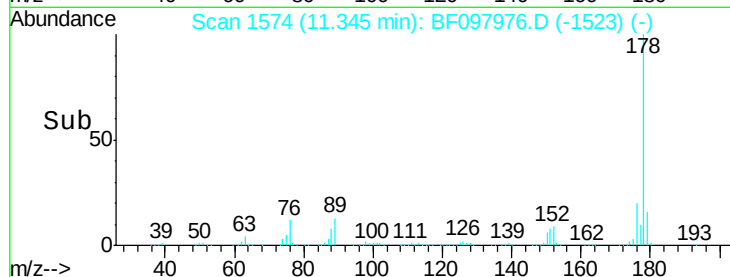
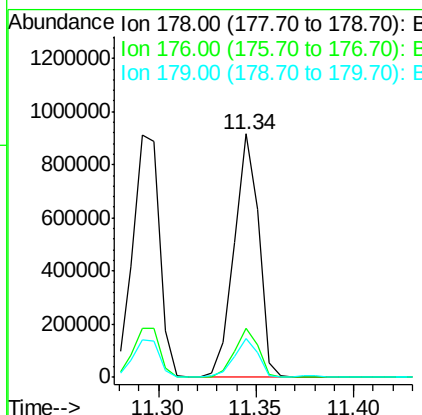
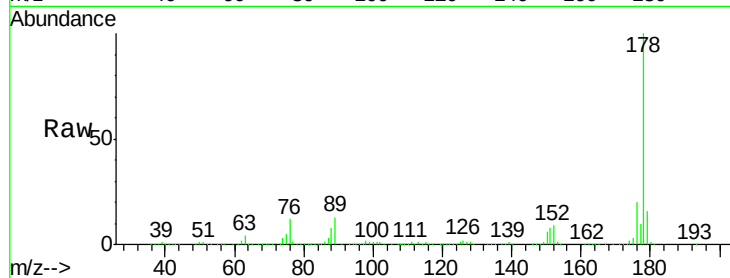




#71
 Anthracene
 Concen: 43.66 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

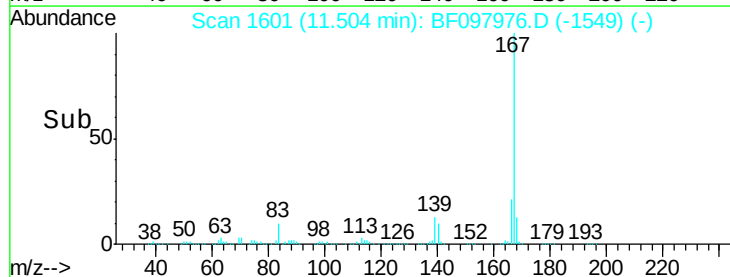
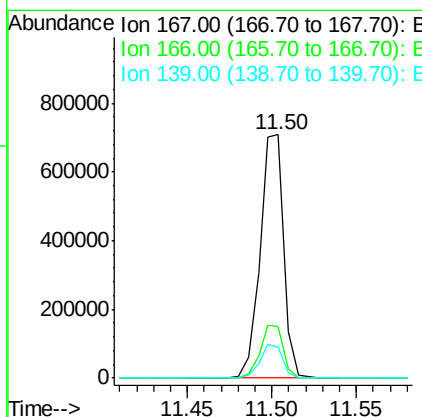
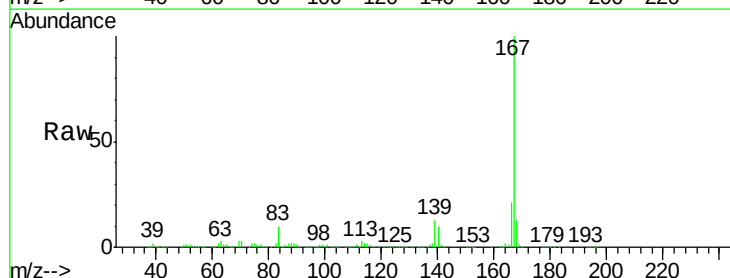
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

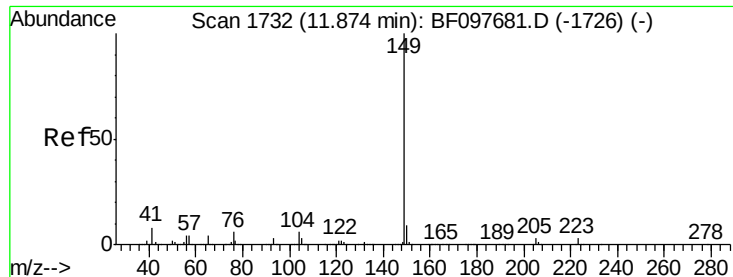
Tot Ion:178 Resp: 802626
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 39.16 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:167 Resp: 683348
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 11.83 min Scan# 1657

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

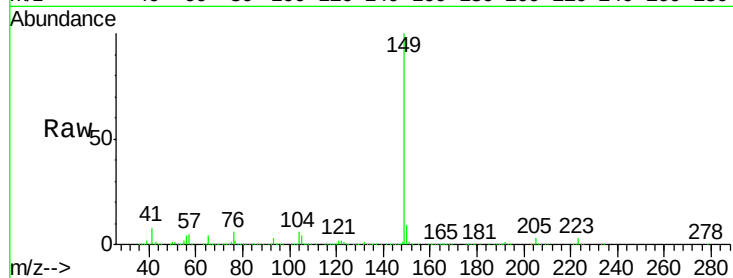
Tot Ion:149 Resp: 971267

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

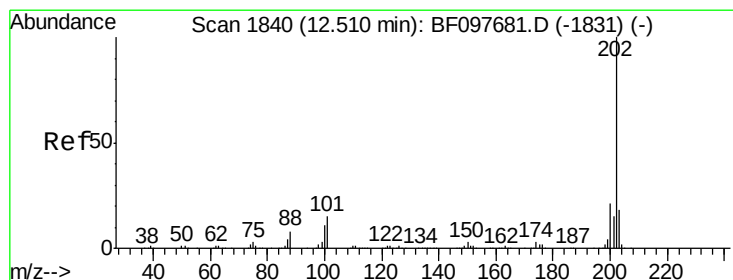
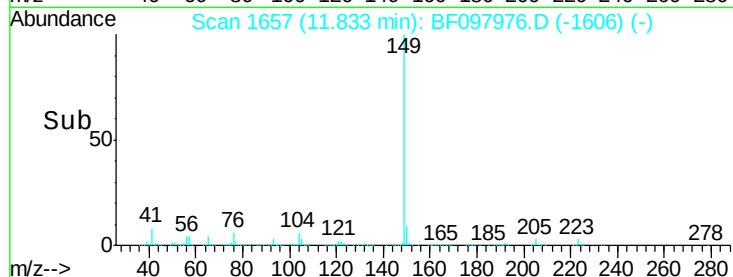
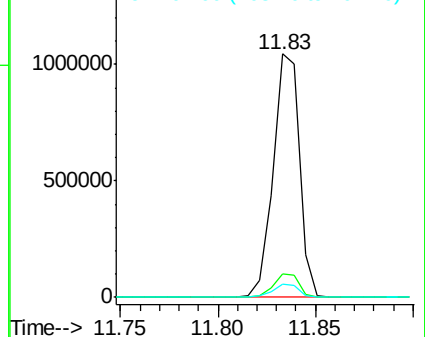
104 5.6 4.0 6.0



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: 48.28 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

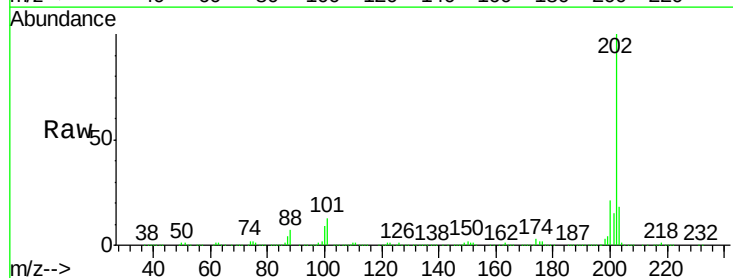
Tgt Ion:202 Resp: 913316

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

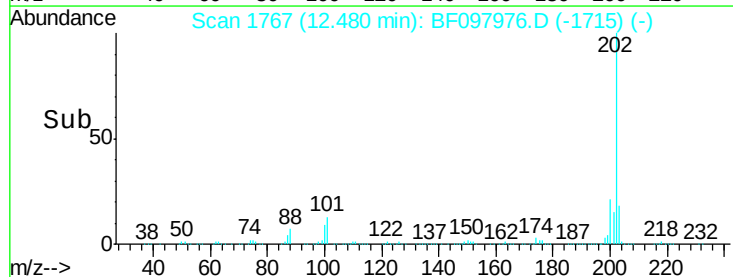
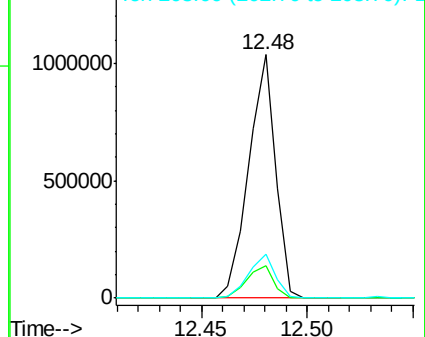
203 17.9 0.0 38.1

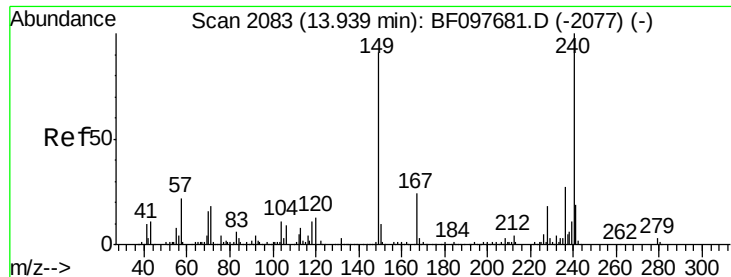


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

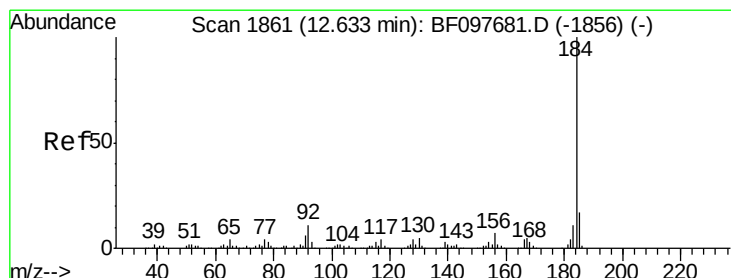
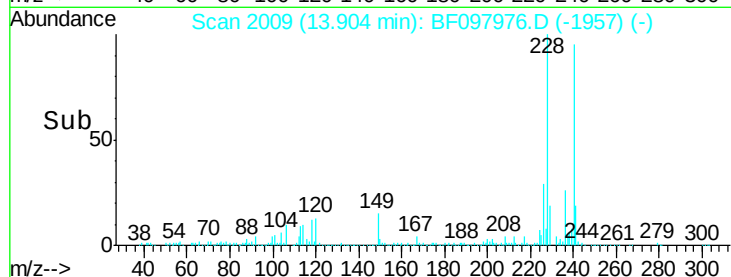
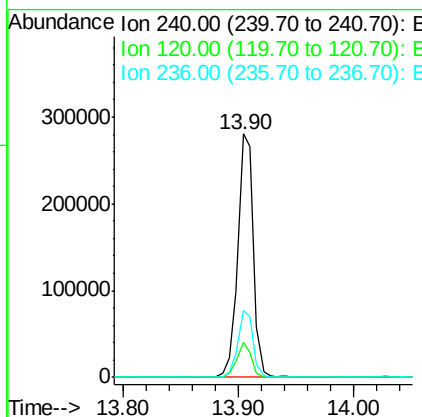
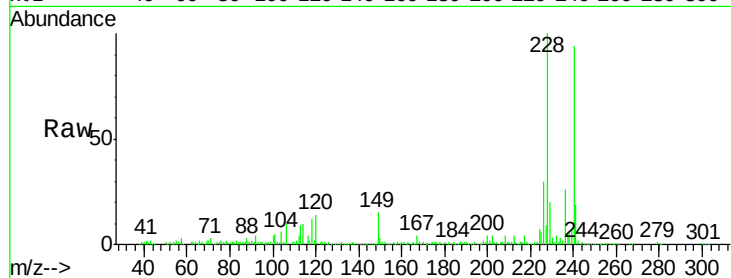




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

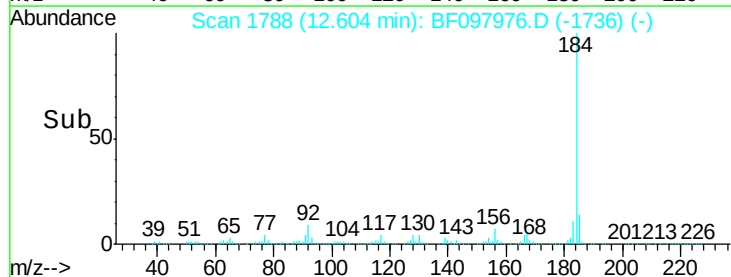
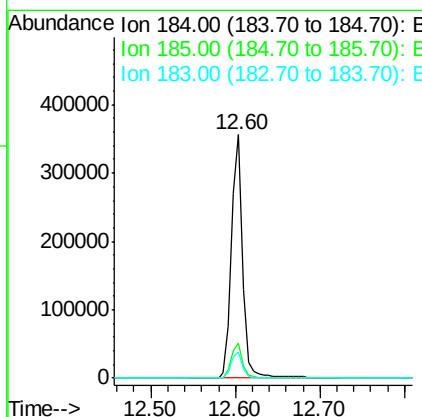
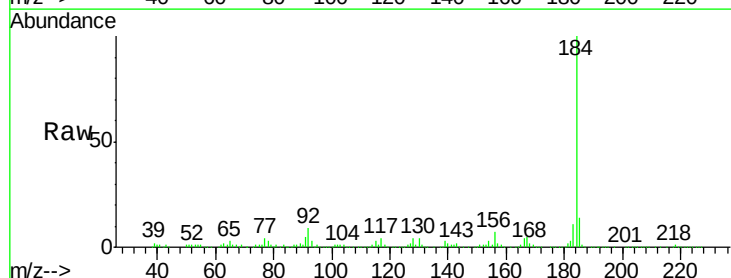
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

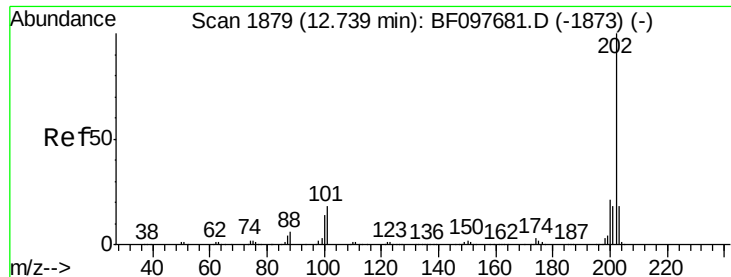
Tot Ion:240 Resp: 264329
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 27.5 20.5 30.7



#76
 Benzidine
 Concen: 37.20 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:184 Resp: 322440
 Ion Ratio Lower Upper
 184 100
 185 14.4 15.5 23.3#
 183 10.7 9.8 14.6





#77

Pvrene

Concen: 44.88 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

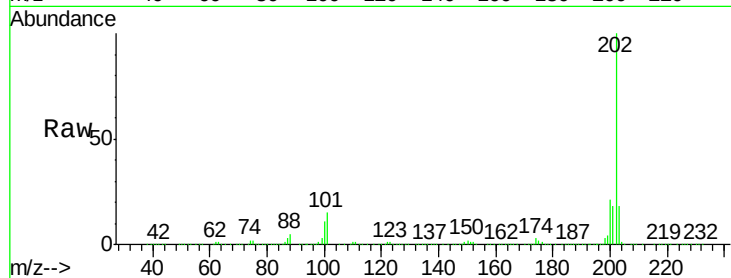
Tot Ion:202 Resp: 970300

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

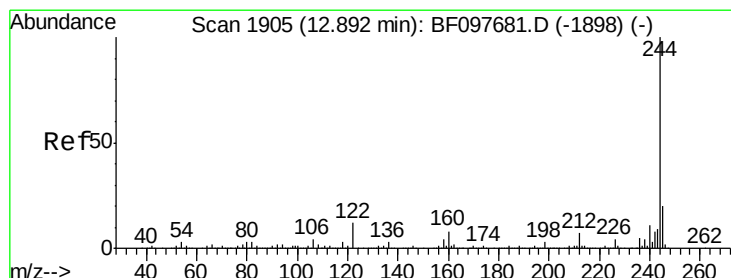
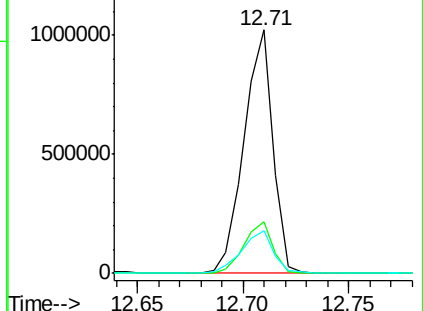
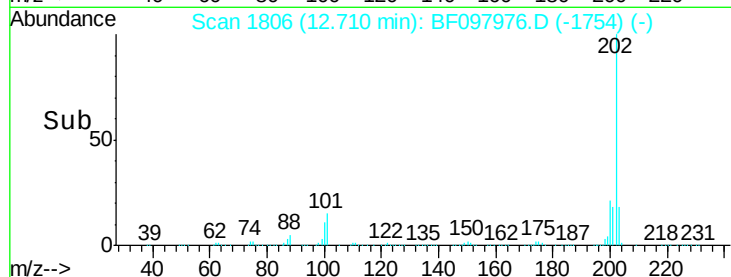
203 17.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 59.24 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

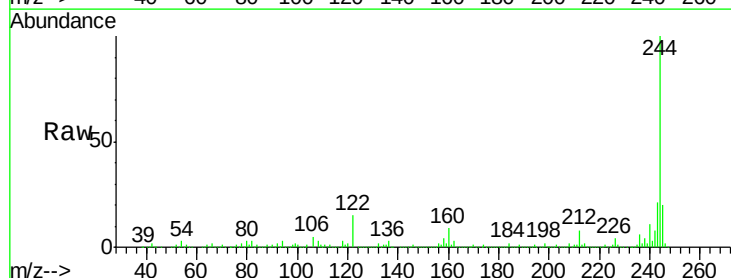
Tgt Ion:244 Resp: 750934

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

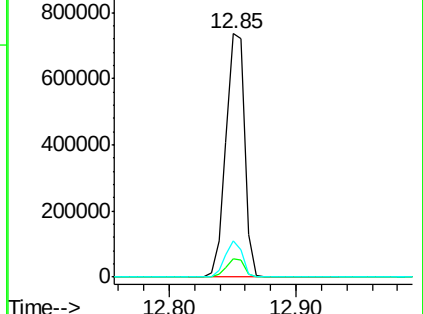
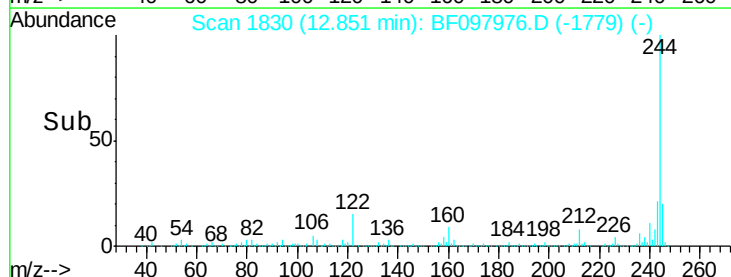
122 14.7 10.3 15.5

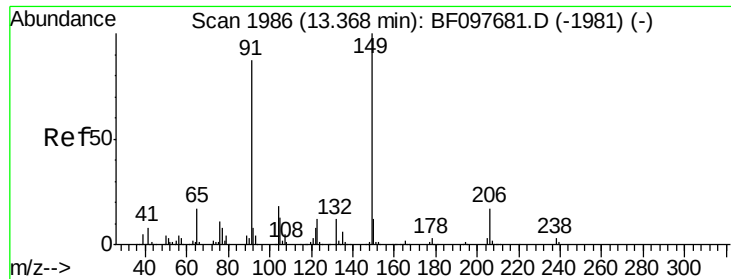


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.81 ng

RT: 13.33 min Scan# 1912

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

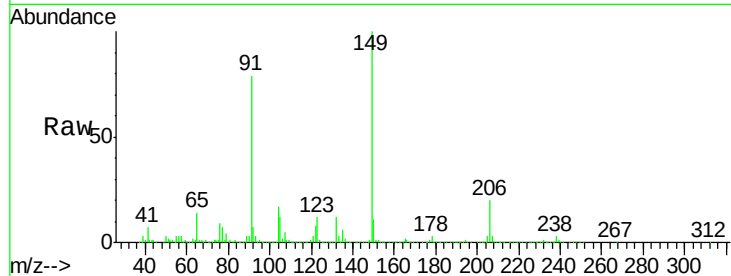
Tot Ion:149 Resp: 354822

Ion Ratio Lower Upper

149 100

91 78.6 45.0 67.4#

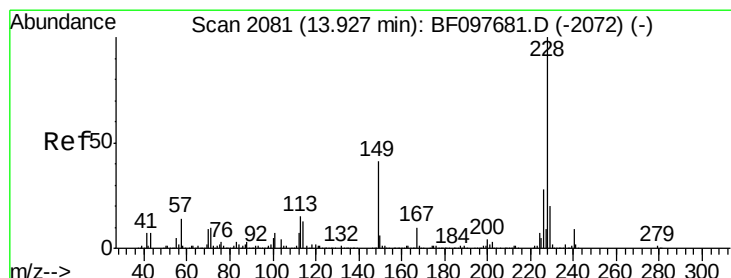
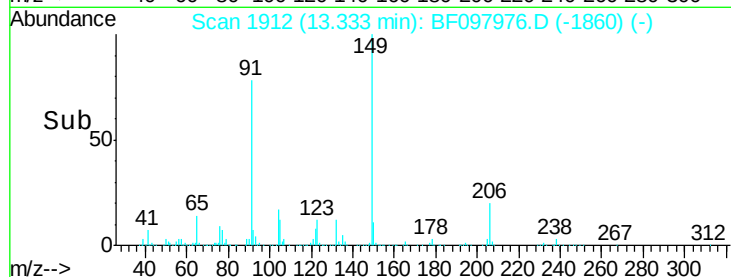
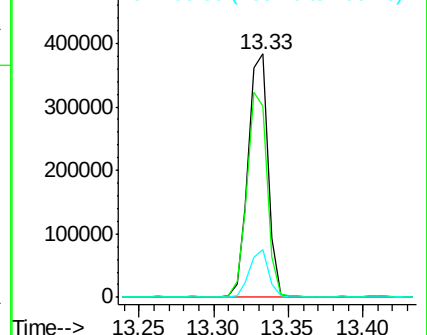
206 19.7 17.0 25.6



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: 45.57 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

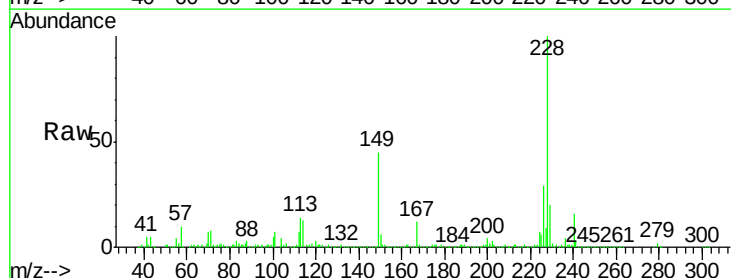
Tgt Ion:228 Resp: 721954

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

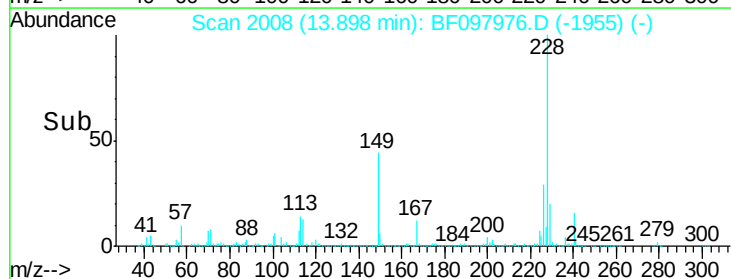
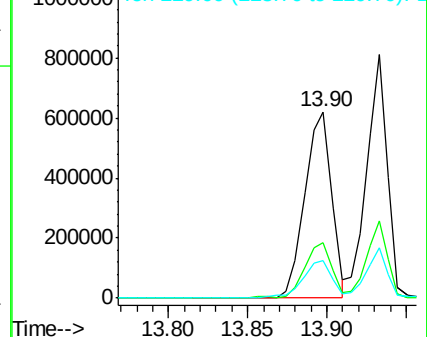
229 20.5 16.3 24.5

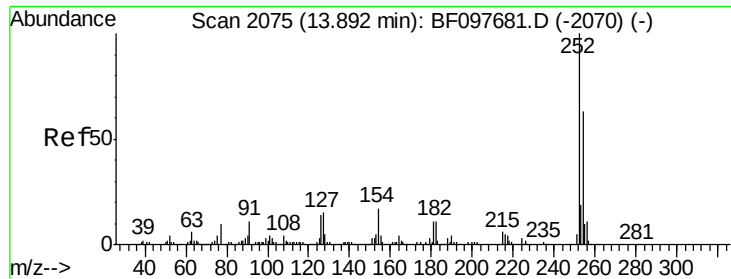


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 35.90 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

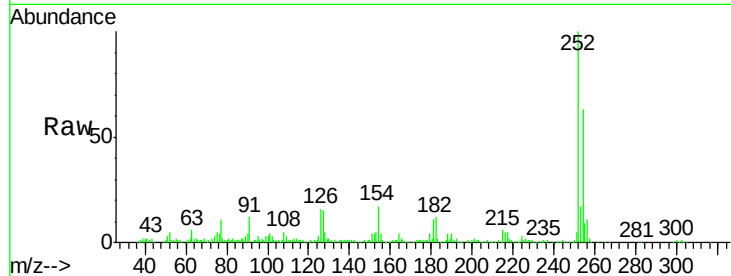
Tot Ion:252 Resp: 191914

Ion Ratio Lower Upper

252 100

254 63.2 51.5 77.3

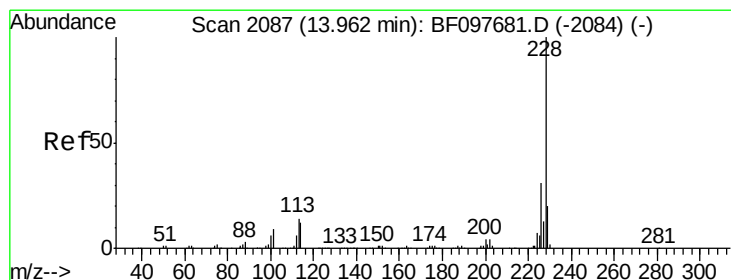
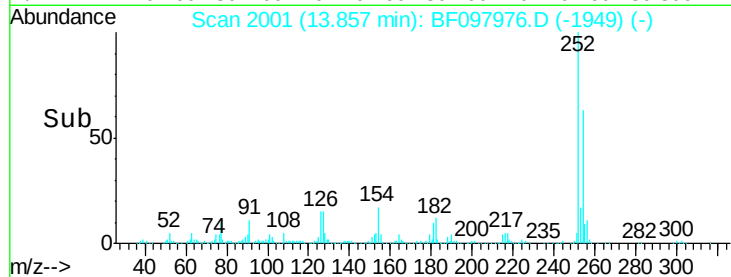
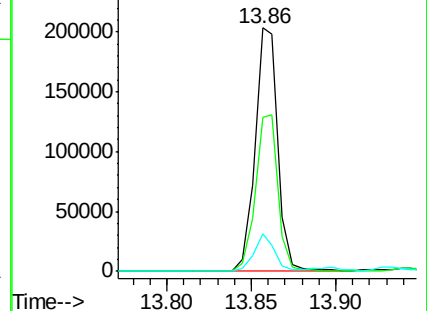
126 15.5 15.8 23.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.42 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

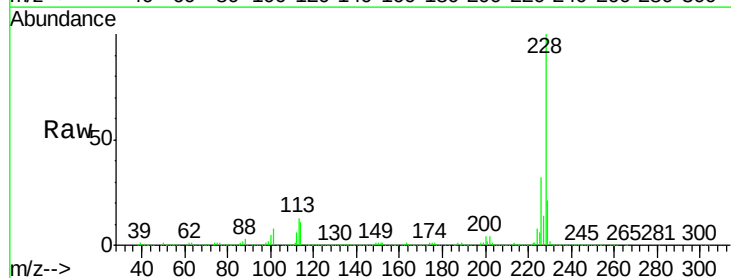
Tgt Ion:228 Resp: 731599

Ion Ratio Lower Upper

228 100

226 31.9 24.9 37.3

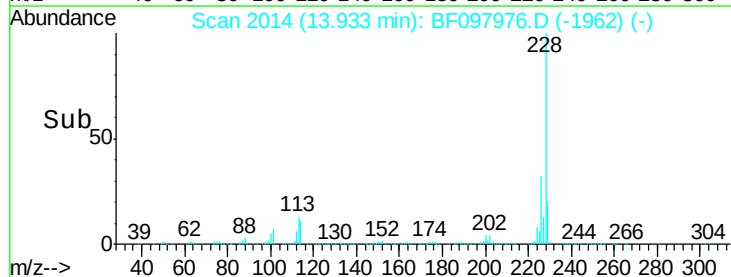
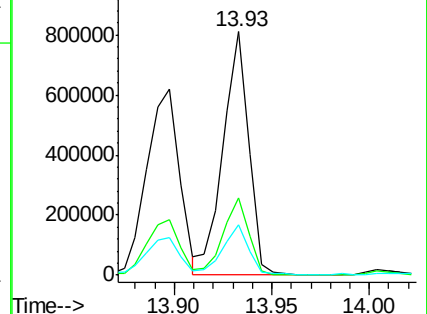
229 20.6 15.8 23.6

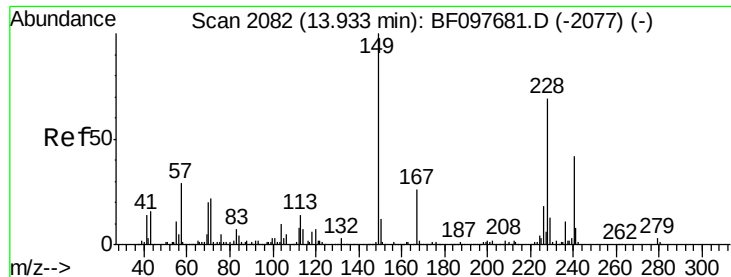


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

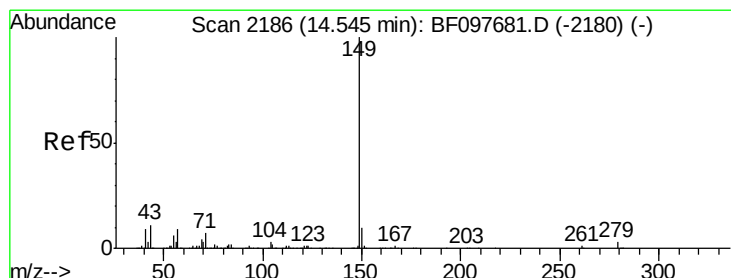
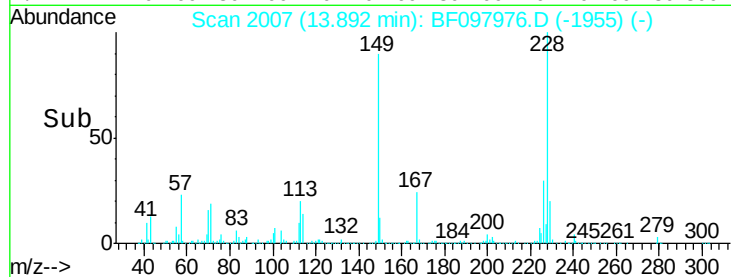
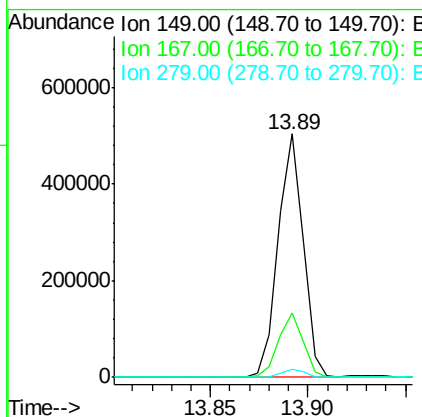
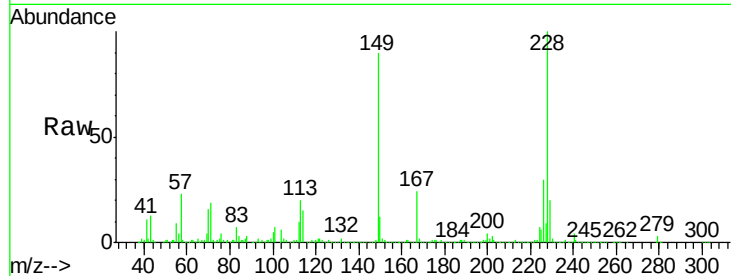




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.68 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

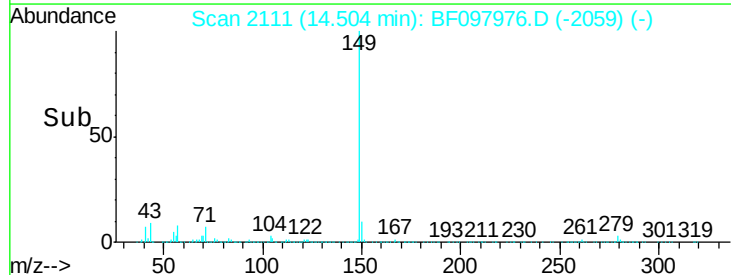
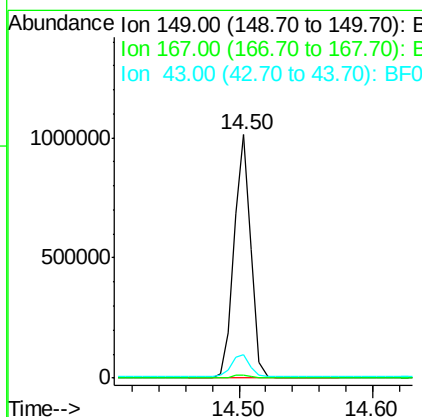
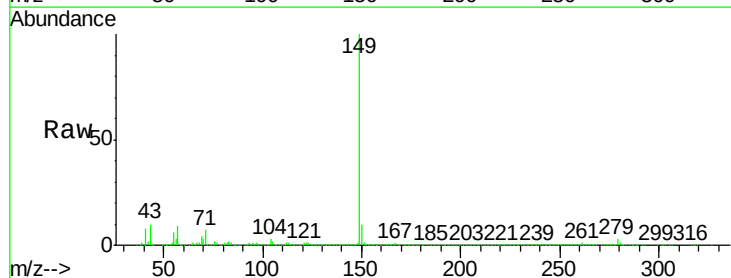
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

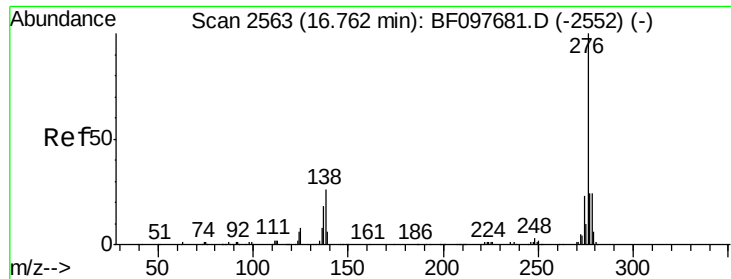
Tot Ion:149 Resp: 447134
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 55.43 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion:149 Resp: 885869
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 10.5 8.5 12.7

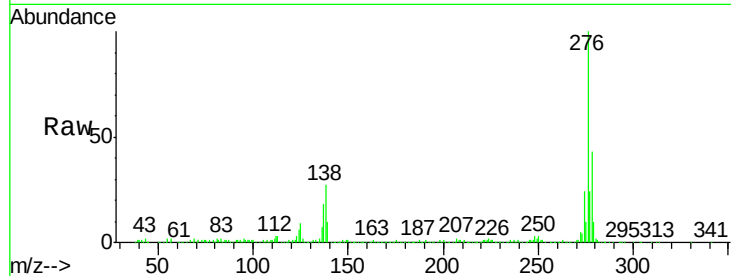




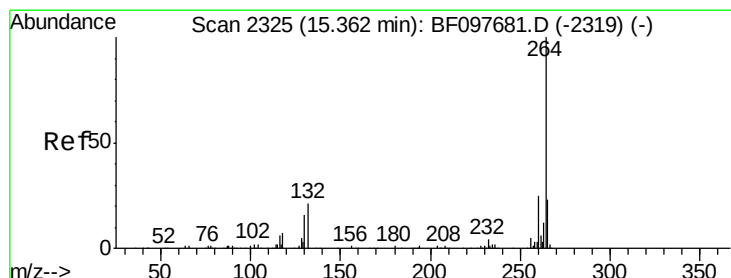
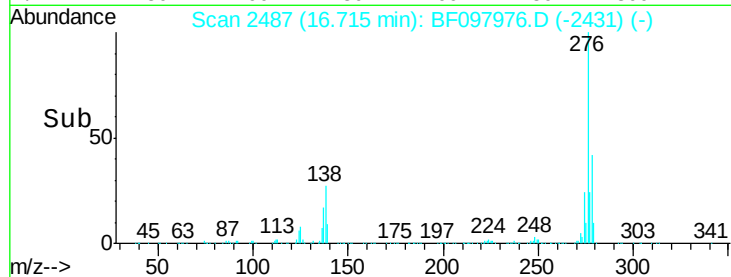
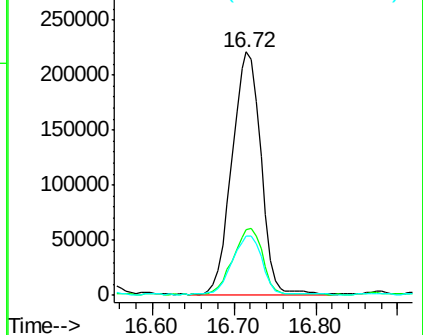
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.70 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.03 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.5	27.8	41.6
277	24.9	20.2	30.4

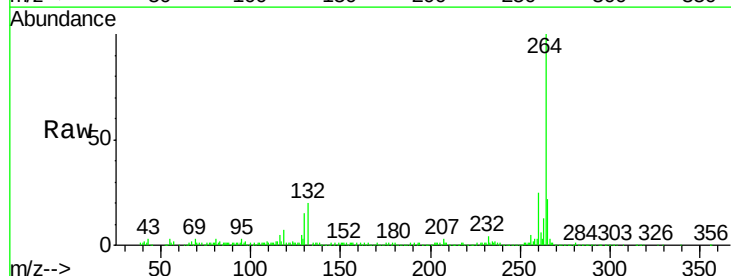


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

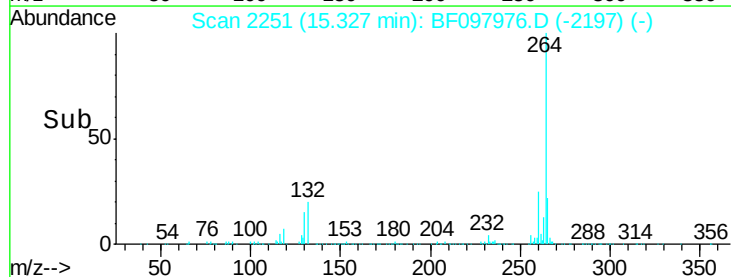
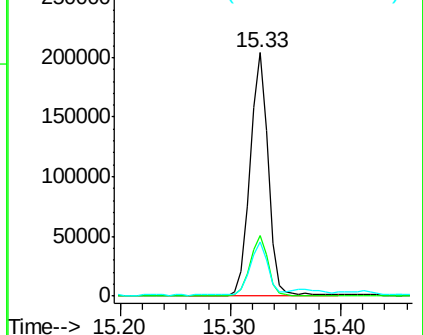


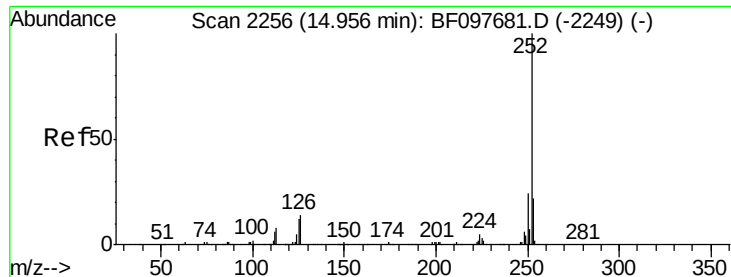
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.02 min
 Lab File: BF097976.D
 Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

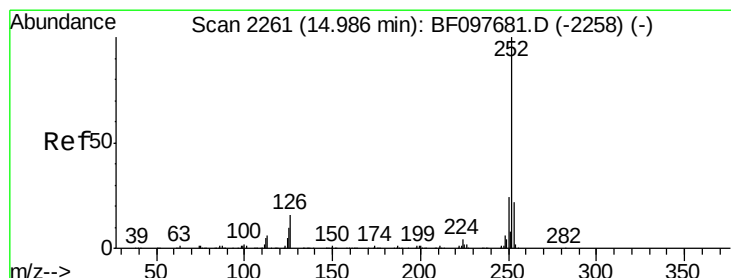
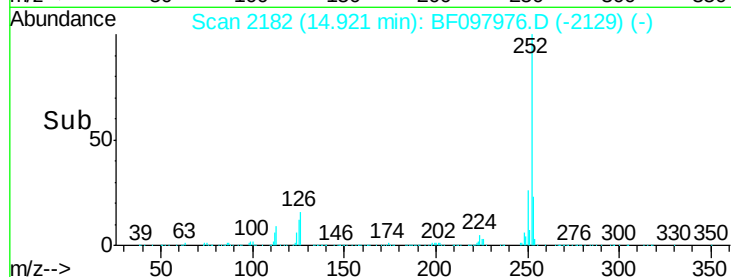
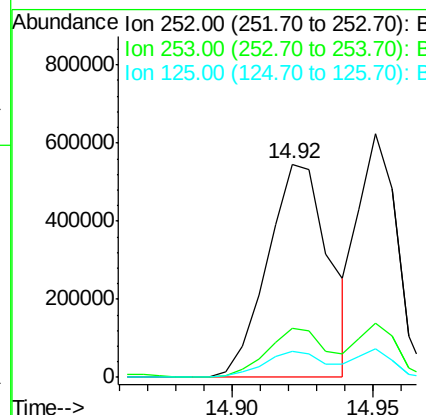
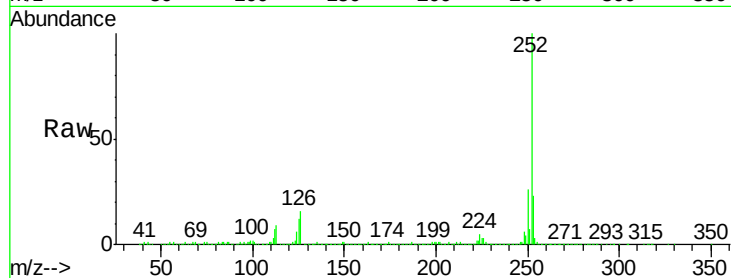




#87
Benzo(b)fluoranthene
Concen: 55.78 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

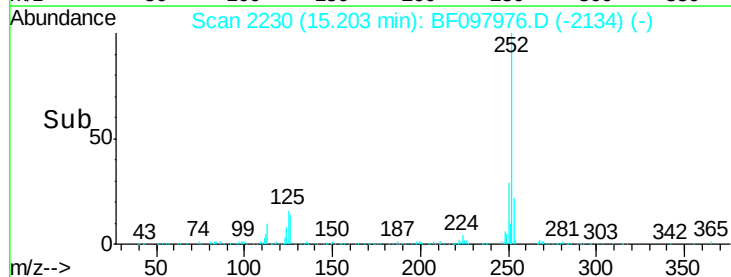
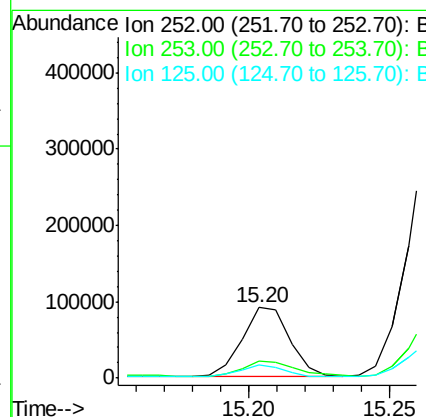
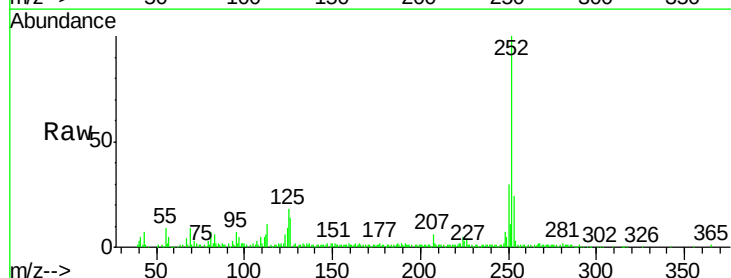
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

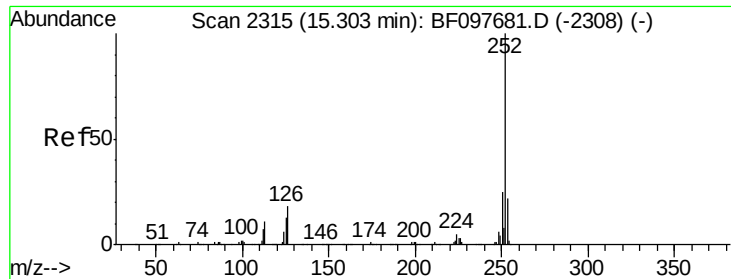
Tot Ion:252 Resp: 825693
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 12.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 7.73 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.26 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion:252 Resp: 107500
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 17.9 13.1 19.7

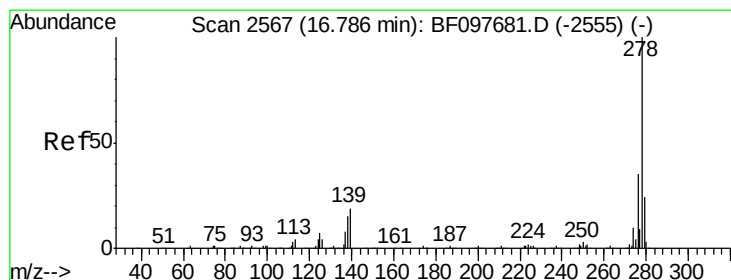
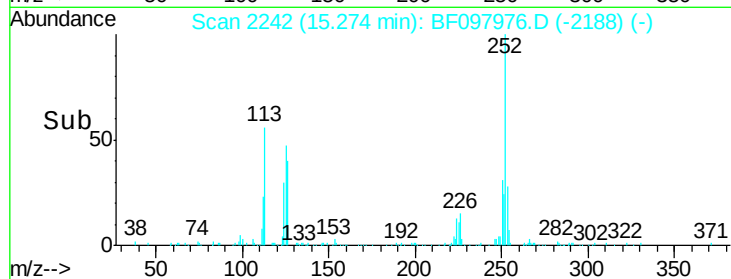
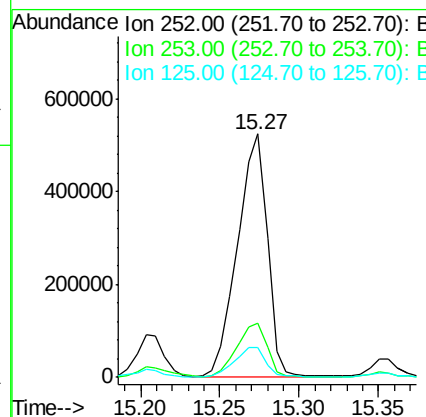
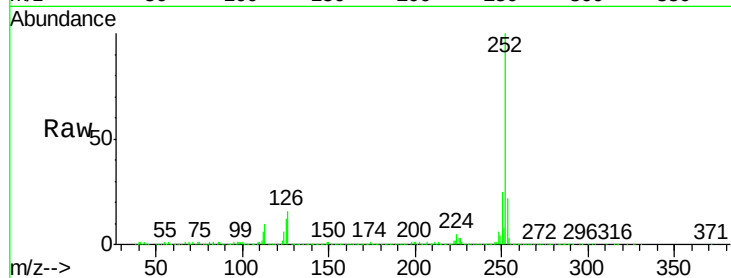




#89
Benzo(a)pyrene
Concen: 52.06 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

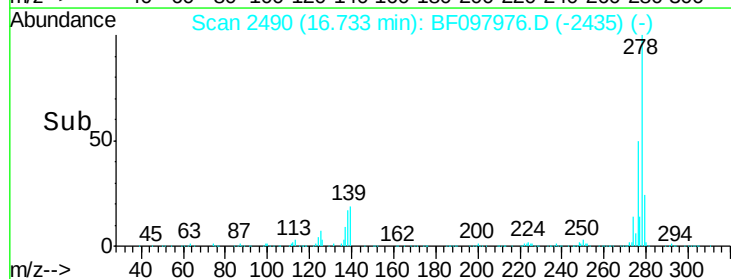
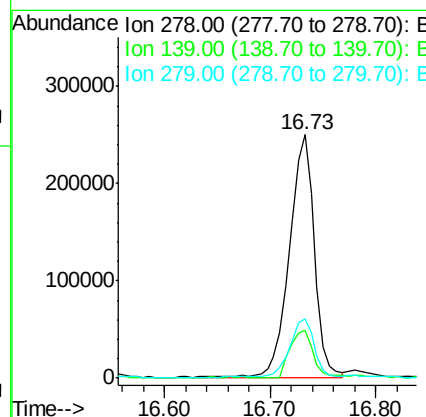
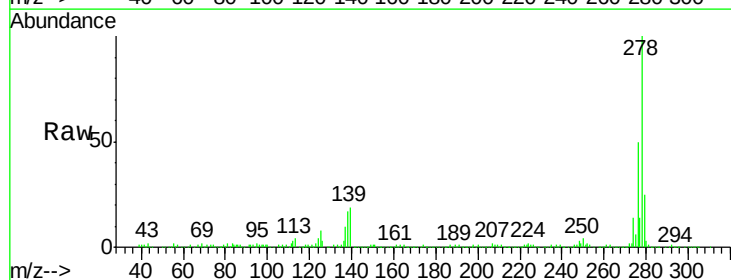
Instrument :
BNA_F
ClientSampleId :
SP-5-6MSD

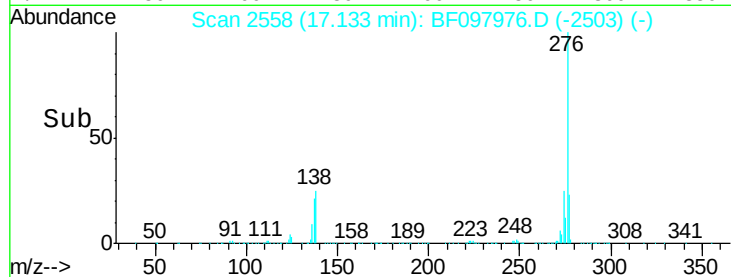
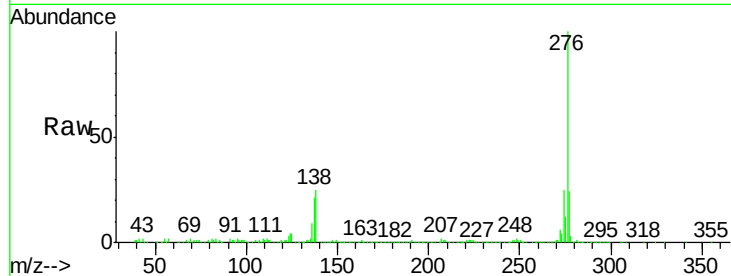
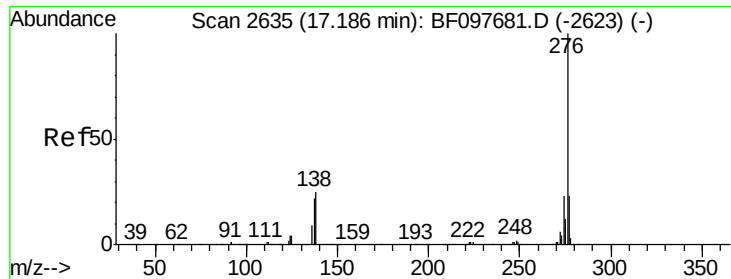
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	12.1	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 38.10 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.02 min
Lab File: BF097976.D
Acq: 23 Aug 2017 1:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	24.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 40.45 ng

RT: 17.13 min Scan# 2558

Delta R.T. 0.02 min

Lab File: BF097976.D

Acq: 23 Aug 2017 1:49

Instrument :

BNA_F

ClientSampleId :

SP-5-6MSD

Tot Ion:276 Resp: 450259

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 25.3 25.4 38.0#

