

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097975.D
 Acq On : 23 Aug 2017 1:20
 Operator : SJ/JU
 Sample : I4910-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Quant Time: Aug 23 02:07:18 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	126072	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	494274	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	207585	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	343091	20.00	ng	0.00
75) Chrysene-d12	13.90	240	246408	20.00	ng	0.00
86) Perylene-d12	15.33	264	225571	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	963705	116.27	ng	0.02
7) Phenol-d6	6.39	99	1314509	116.73	ng	0.00
23) Nitrobenzene-d5	7.32	82	835281	91.80	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	191398	106.27	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1160408	82.13	ng	0.00
78) Terphenyl-d14	12.85	244	751994	63.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	150194	32.49	ng	89
3) Pyridine	3.22	79	413486	32.36	ng	86
4) n-Nitrosodimethylamine	3.16	42	169214	34.42	ng	# 78
6) Aniline	6.42	93	381648	24.12	ng	98
8) 2-Chlorophenol	6.54	128	322347	36.88	ng	97
9) Benzaldehyde	6.30	77	215727	30.24	ng	91
10) Phenol	6.41	94	484450	36.78	ng	91
11) bis(2-Chloroethyl)ether	6.49	93	369821	37.20	ng	96
12) 1,3-Dichlorobenzene	6.69	146	329973	35.10	ng	# 94
13) 1,4-Dichlorobenzene	6.77	146	331326	34.65	ng	# 94
14) 1,2-Dichlorobenzene	6.92	146	308349	34.97	ng	99
15) Benzyl Alcohol	6.90	79	322447	38.24	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	489665	36.61	ng	90
17) 2-Methylphenol	7.01	107	291072	37.79	ng	95
18) Hexachloroethane	7.26	117	123773	33.01	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	268753	34.86	ng	91
20) 3+4-Methylphenols	7.16	107	338255	35.95	ng	# 89
22) Acetophenone	7.16	105	476929	36.53	ng	# 91
24) Nitrobenzene	7.33	77	414427	40.91	ng	92
25) Isophorone	7.57	82	754204	39.86	ng	97
26) 2-Nitrophenol	7.65	139	116249	33.46	ng	# 80
27) 2,4-Dimethylphenol	7.69	122	298360	37.81	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	476481	38.31	ng	99
29) 2,4-Dichlorophenol	7.89	162	242854	37.08	ng	92
30) 1,2,4-Trichlorobenzene	7.97	180	264569	36.44	ng	99
31) Naphthalene	8.06	128	1086683	42.35	ng	100
32) Benzoic acid	7.80	122	85897	19.35	ng	86
33) 4-Chloroaniline	8.10	127	203259	18.78	ng	100
34) Hexachlorobutadiene	8.17	225	155304	36.63	ng	99
35) Caprolactam	8.47	113	74272	33.36	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	284377	33.79	ng	# 78
37) 2-Methylnaphthalene	8.75	142	649467	41.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	250238	39.28	ng	98
40) Hexachlorocyclopentadiene	8.90	237	78318	25.59	ng	100

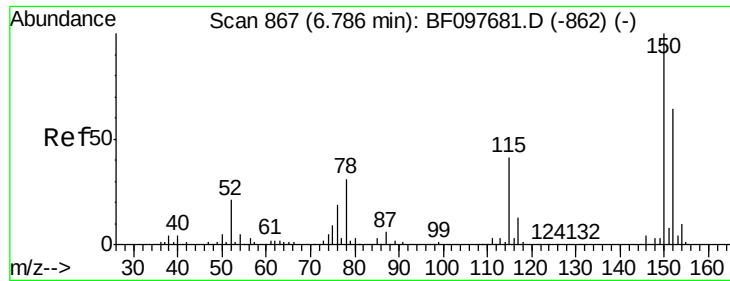
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097975.D
 Acq On : 23 Aug 2017 1:20
 Operator : SJ/JU
 Sample : I4910-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Quant Time: Aug 23 02:07:18 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)
42) 2,4,6-Trichlorophenol	9.03	196	152379	35.63	nq	97
43) 2,4,5-Trichlorophenol	9.07	196	144482	34.05	nq	96
45) 1,1'-Biphenyl	9.21	154	724962	38.30	nq	96
46) 2-Chloronaphthalene	9.23	162	516629	36.94	nq	# 91
47) 2-Nitroaniline	9.33	65	208445	44.45	nq	97
48) Acenaphthylene	9.65	152	848659	38.64	nq	100
49) Dimethylphthalate	9.52	163	806949	53.18	nq	100
50) 2,6-Dinitrotoluene	9.57	165	121994	40.28	nq	# 53
51) Acenaphthene	9.82	154	511574	36.93	nq	99
52) 3-Nitroaniline	9.74	138	129402	33.11	nq	81
53) 2,4-Dinitrophenol	9.85	184	7736	14.83	nq	# 79
54) Dibenzofuran	9.99	168	762292	41.06	nq	100
55) 4-Nitrophenol	9.90	139	152817	49.02	nq	# 32
56) 2,4-Dinitrotoluene	9.97	165	150074	39.48	nq	# 48
57) Fluorene	10.33	166	570528	39.75	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	112443	34.23	nq	93
59) Diethylphthalate	10.22	149	656416	41.37	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	255473	38.31	nq	89
61) 4-Nitroaniline	10.35	138	134641	36.25	nq	# 69
62) Azobenzene	10.49	77	738821	39.20	nq	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	7182	11.99	nq	91
65) n-Nitrosodiphenylamine	10.45	169	487941	41.76	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	151752	42.59	nq	98
67) Hexachlorobenzene	10.88	284	140704	38.75	nq	# 86
68) Atrazine	10.97	200	133551	43.10	nq	96
69) Pentachlorophenol	11.07	266	108410	51.20	nq	97
70) Phenanthrene	11.29	178	864151	47.27	nq	99
71) Anthracene	11.35	178	769380	41.49	nq	99
72) Carbazole	11.50	167	642324	36.49	nq	98
73) Di-n-butylphthalate	11.83	149	940934	46.41	nq	99
74) Fluoranthene	12.48	202	840088	44.02	nq	99
76) Benzidine	12.60	184	266028	32.93	nq	# 91
77) Pyrene	12.71	202	867301	43.04	nq	98
79) Butylbenzylphthalate	13.33	149	335972	43.48	nq	# 70
80) Benzo(a)anthracene	13.89	228	639407	43.30	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	160638	32.23	nq	# 96
82) Chrysene	13.93	228	624040	42.48	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	410882	47.99	nq	# 99
84) Di-n-octyl phthalate	14.50	149	802447	53.86	nq	99
85) Indeno(1,2,3-cd)pyrene	16.72	276	477184	44.15	nq	93
87) Benzo(b)fluoranthene	14.92	252	652521	45.89	nq	99
88) Benzo(k)fluoranthene	15.20	252	82375	6.17	nq	98
89) Benzo(a)pyrene	15.27	252	594457	47.23	nq	99
90) Dibenzo(a,h)anthracene	16.73	278	355165	34.66	nq	98
91) Benzo(g,h,i)perylene	17.13	276	387248	36.22	nq	94

(#) = 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: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

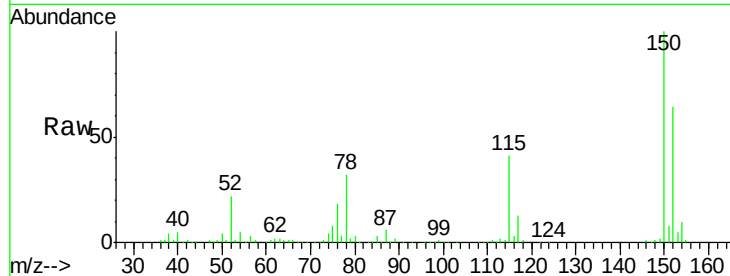
Tot Ion:152 Resp: 126072

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

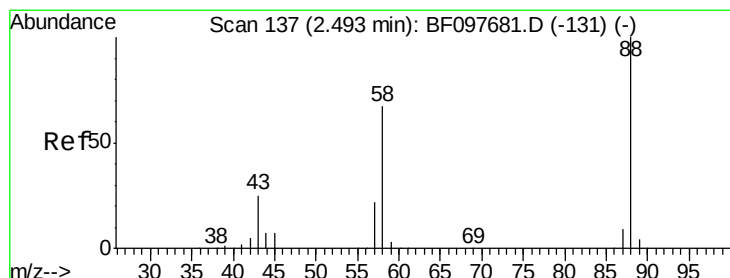
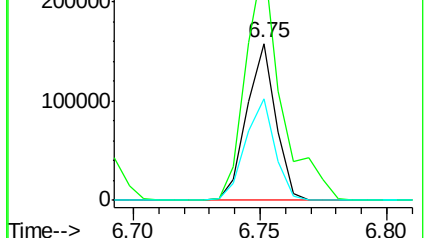
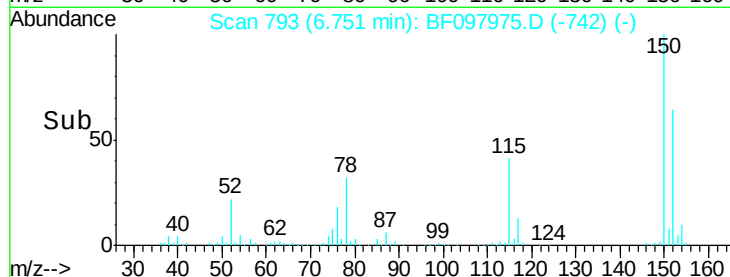
115 64.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.49 ng

RT: 2.49 min Scan# 69

Delta R.T. 0.06 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

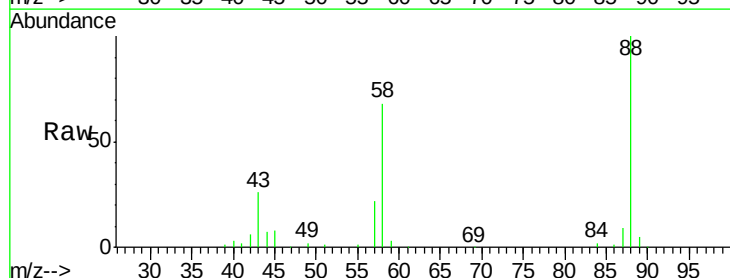
Tgt Ion: 88 Resp: 150194

Ion Ratio Lower Upper

88 100

58 65.9 61.4 92.0

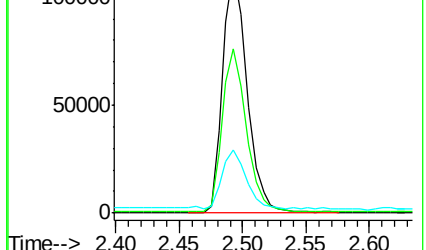
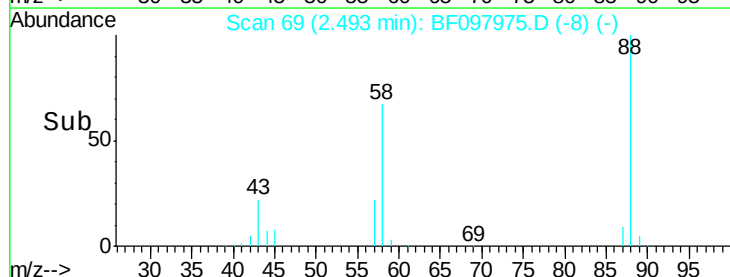
43 25.9 23.4 35.0

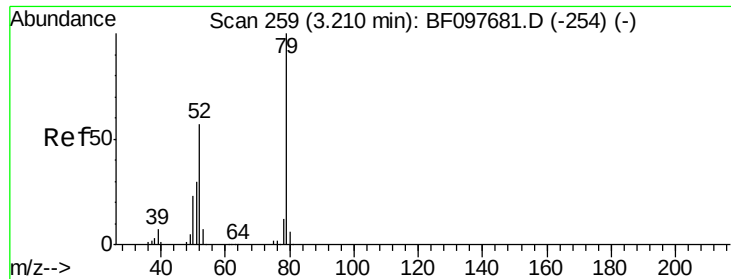


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrindine

Concen: 32.36 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.09 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

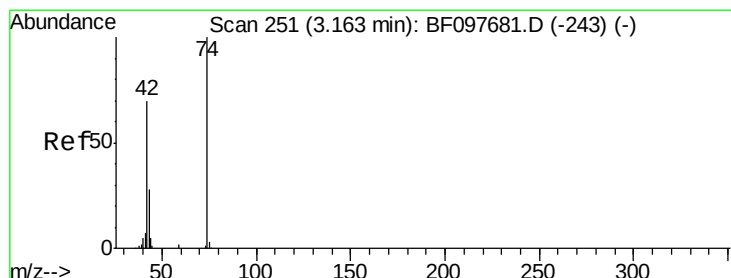
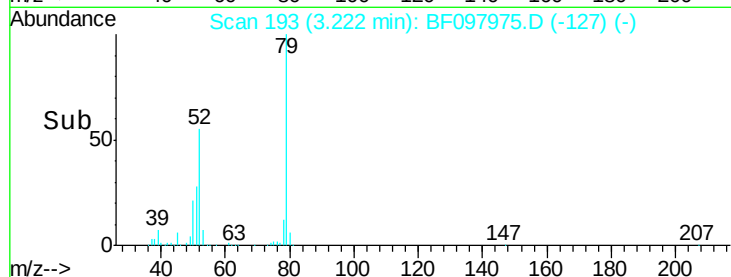
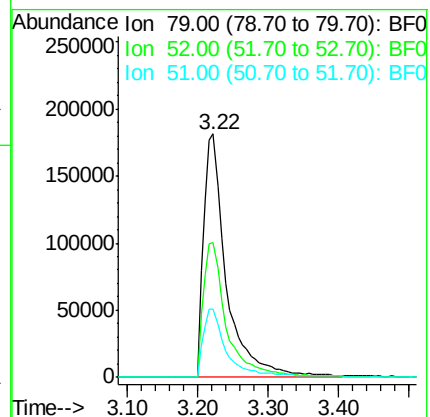
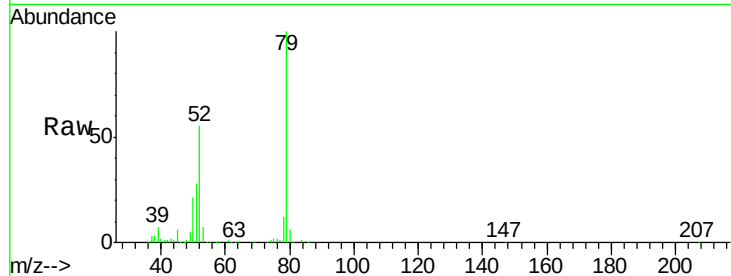
Tot Ion: 79 Resp: 413486

Ion Ratio Lower Upper

79 100

52 55.1 54.8 82.2

51 27.9 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 34.42 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.05 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

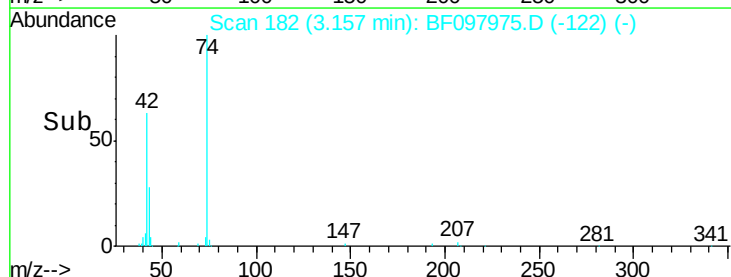
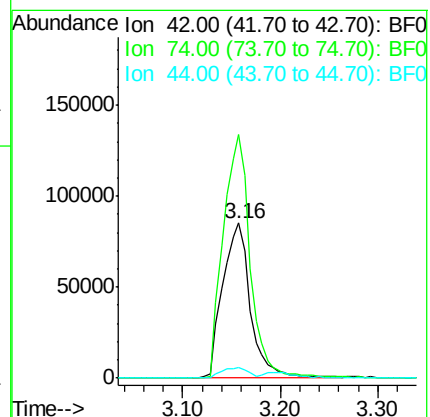
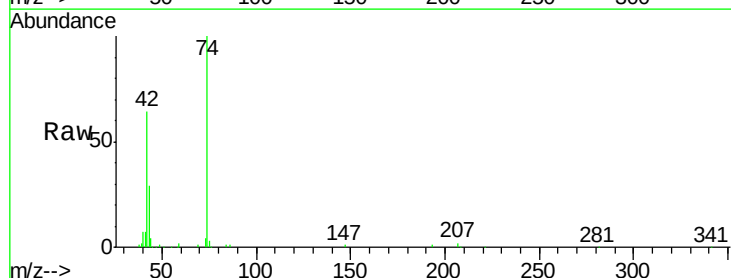
Tgt Ion: 42 Resp: 169214

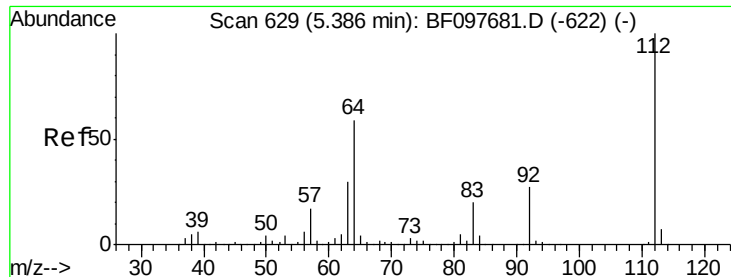
Ion Ratio Lower Upper

42 100

74 157.1 103.9 155.9#

44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 116.27 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampled :

SP-5-6MS

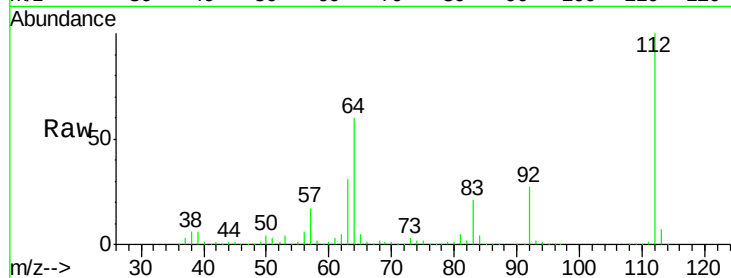
Tot Ion:112 Resp: 963705

Ion Ratio Lower Upper

112 100

64 59.6 46.0 69.0

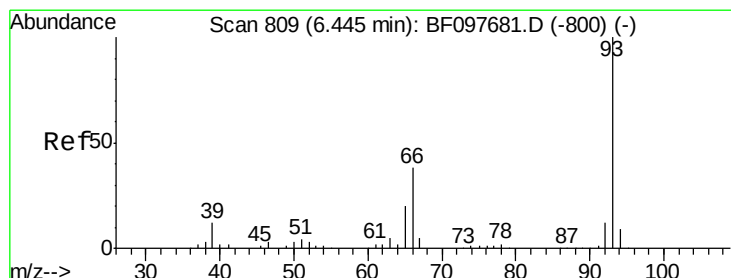
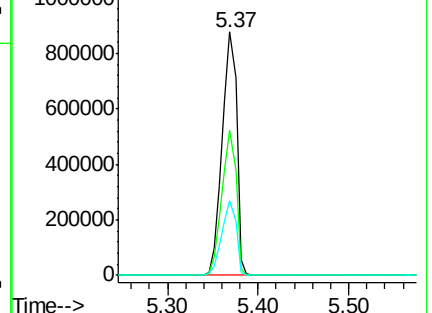
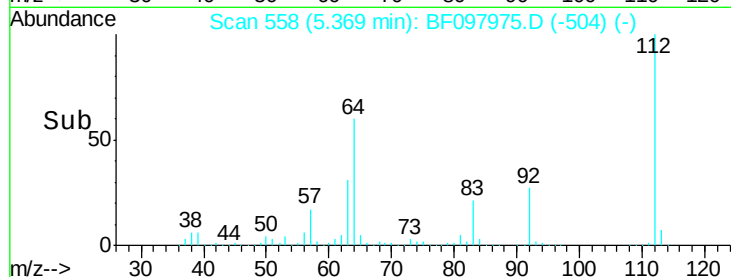
63 30.8 23.4 35.0



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: 24.12 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

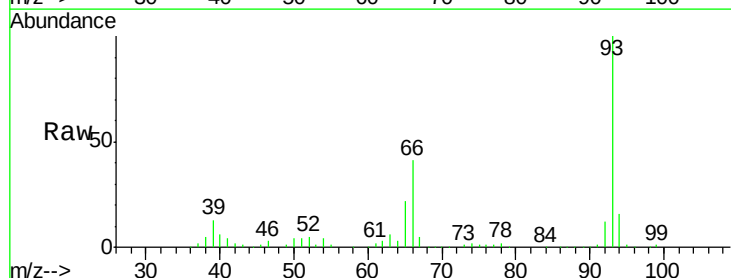
Tgt Ion: 93 Resp: 381648

Ion Ratio Lower Upper

93 100

66 40.8 32.9 49.3

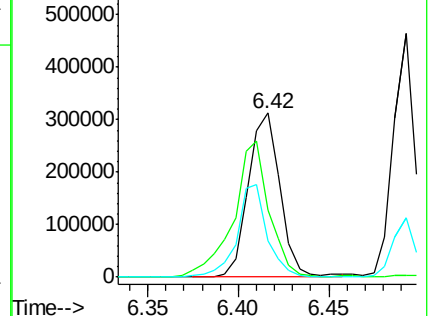
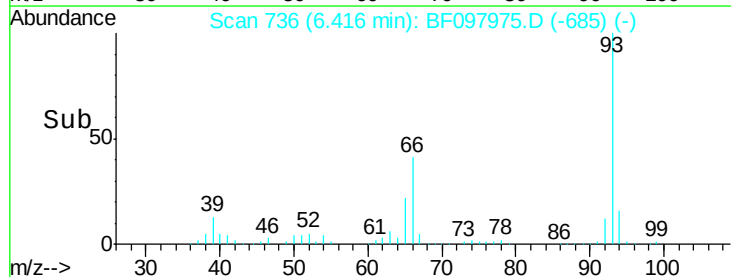
65 21.8 16.0 24.0

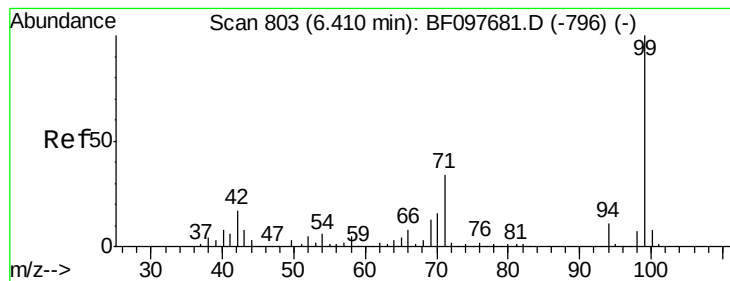


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 116.73 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

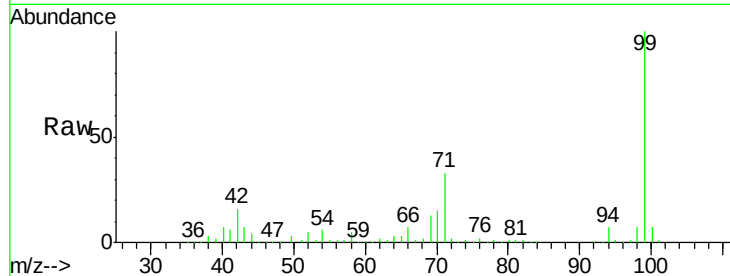
Tot Ion: 99 Resp: 1314509

Ion Ratio Lower Upper

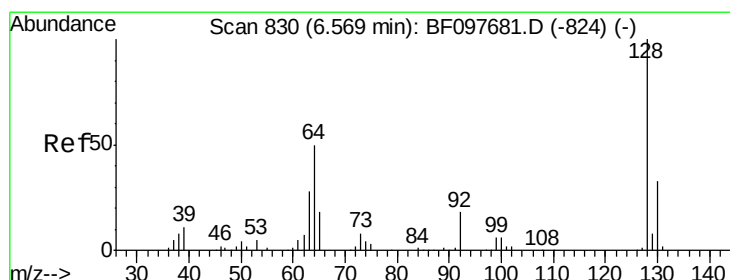
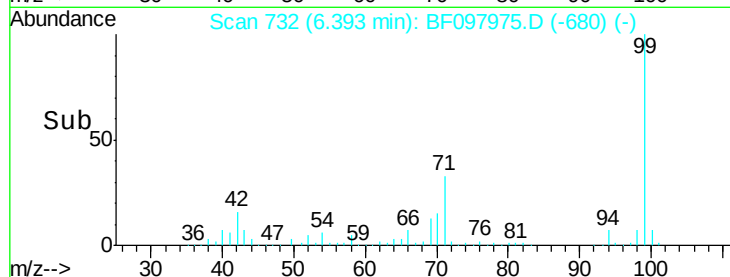
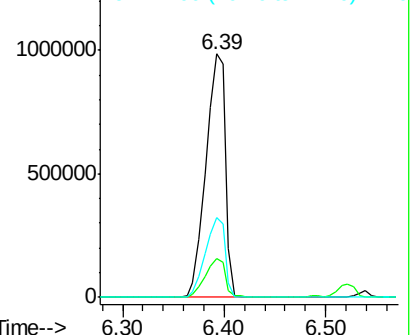
99 100

42 15.7 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: 36.88 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

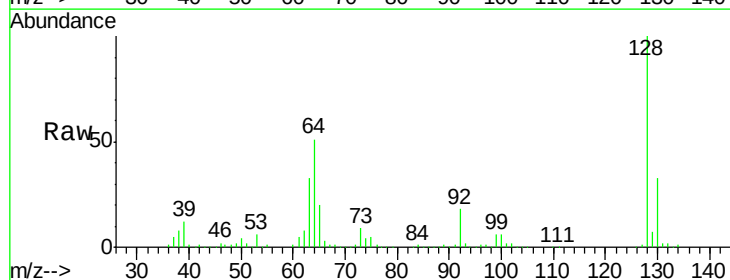
Tgt Ion:128 Resp: 322347

Ion Ratio Lower Upper

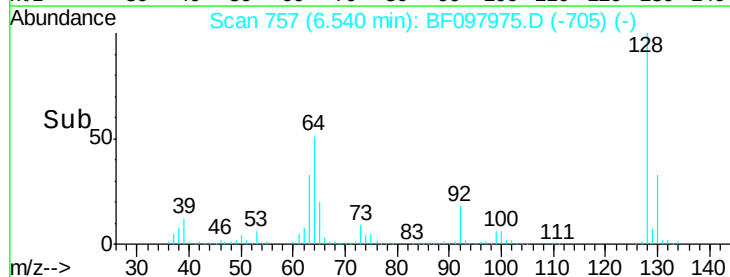
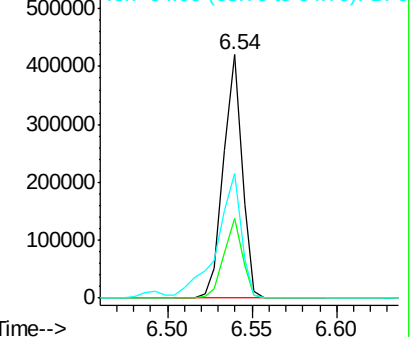
128 100

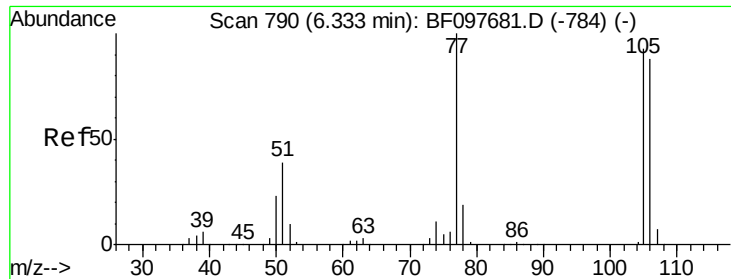
130 32.8 12.9 52.9

64 51.4 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: 30.24 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

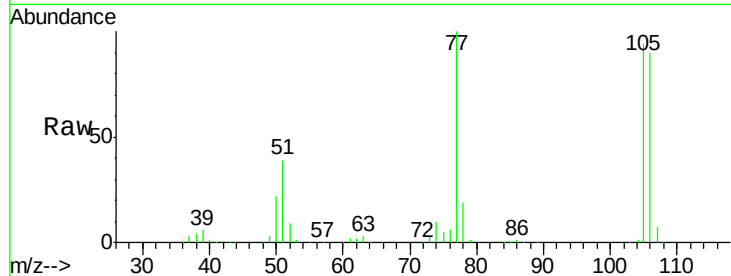
Tot Ion: 77 Resp: 215727

Ion Ratio Lower Upper

77 100

105 94.1 83.8 123.8

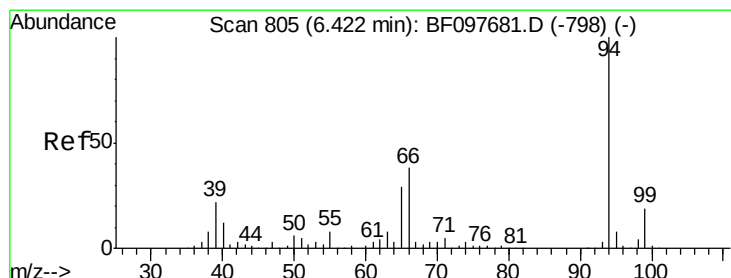
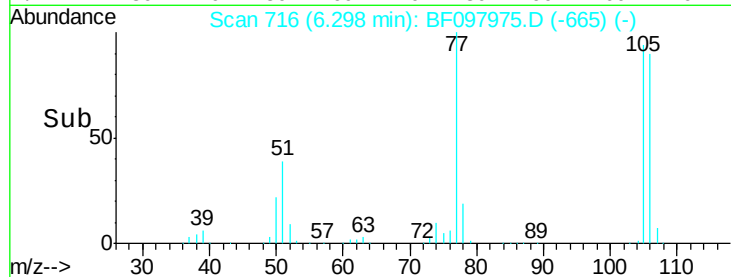
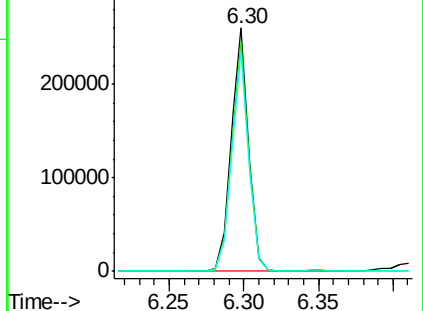
106 90.1 79.1 119.1



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: 36.78 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

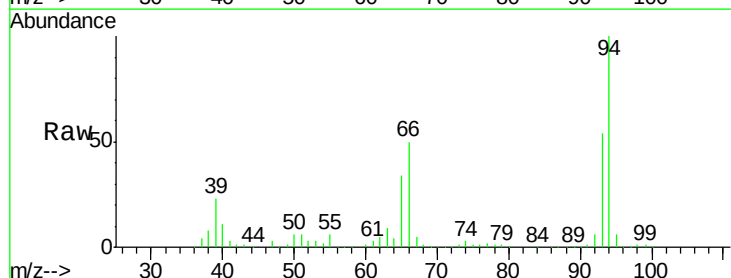
Tgt Ion: 94 Resp: 484450

Ion Ratio Lower Upper

94 100

65 33.9 9.9 49.9

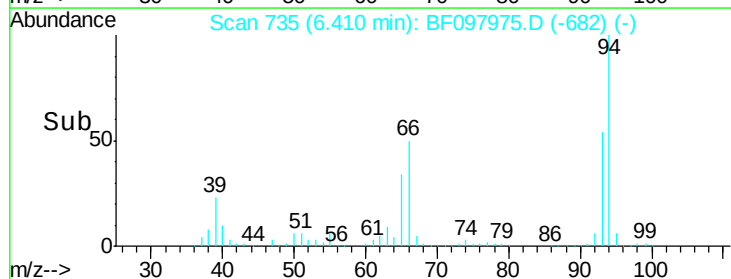
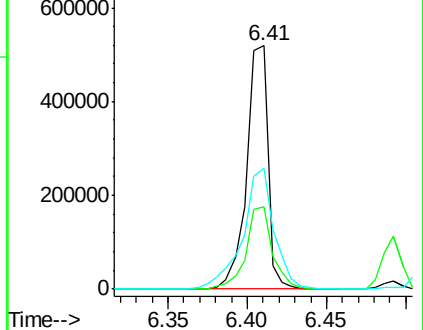
66 49.8 23.1 63.1

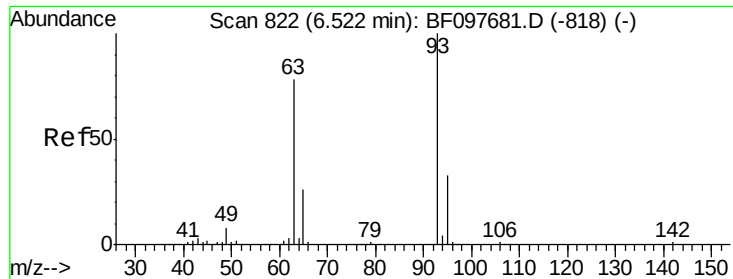


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

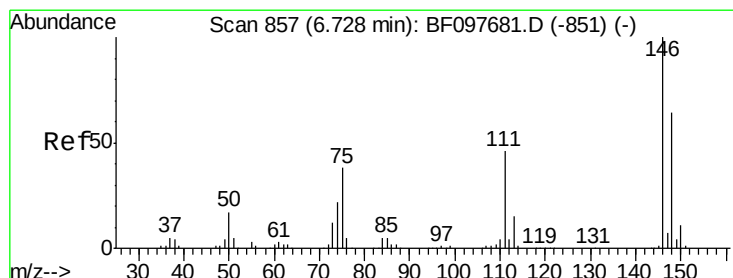
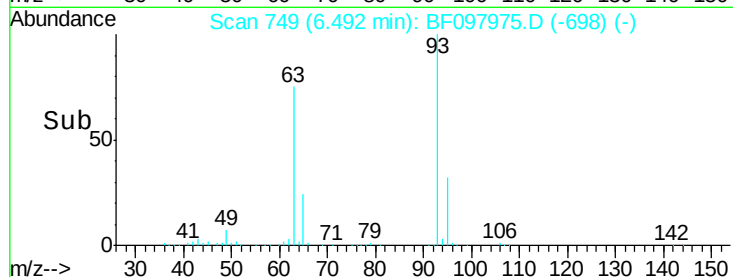
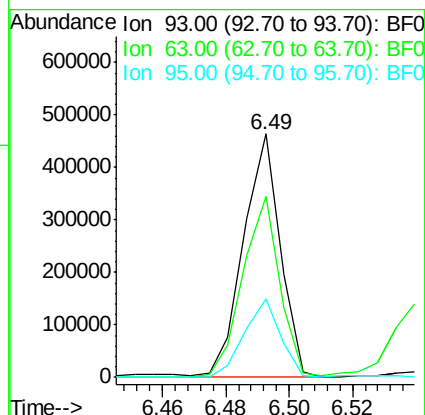
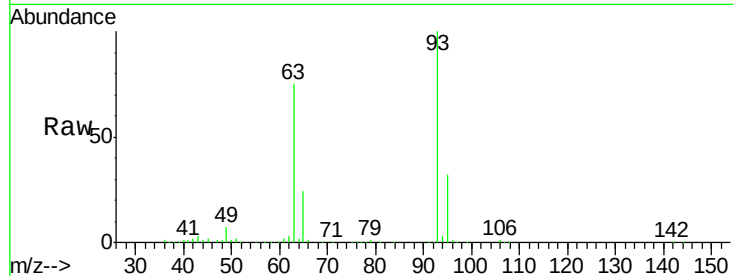




#11
bis(2-Chloroethyl)ether
Concen: 37.20 ng
RT: 6.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

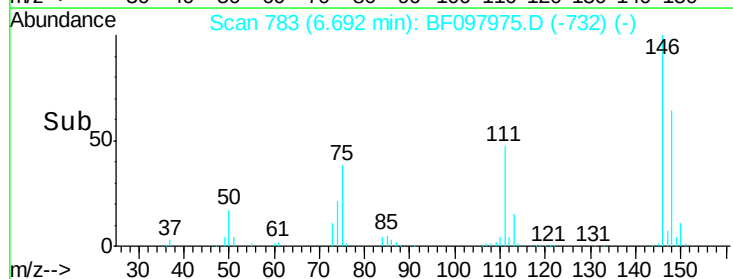
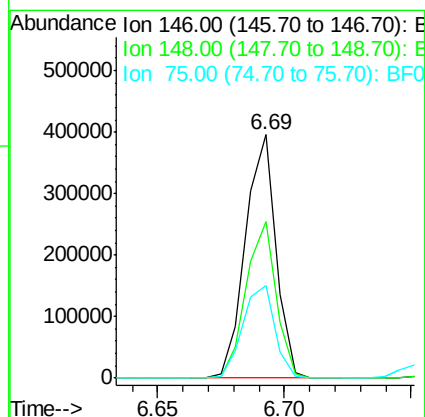
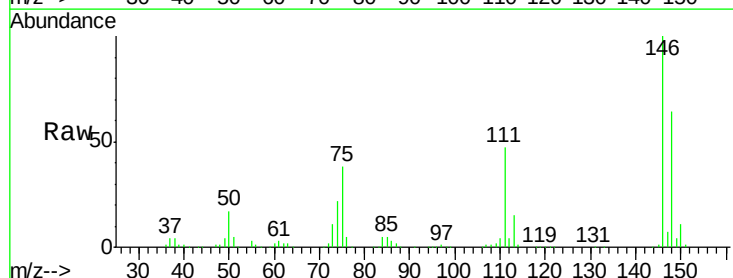
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

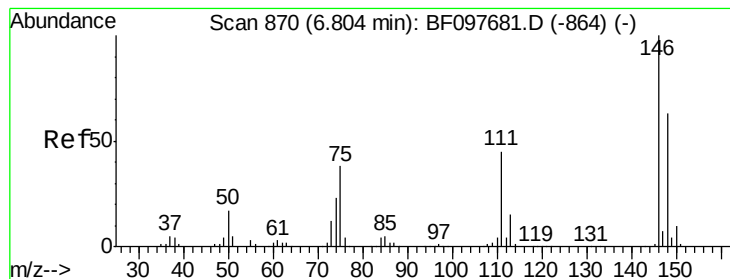
Tot Ion: 93 Resp: 369821
Ion Ratio Lower Upper
93 100
63 74.5 59.2 99.2
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 35.10 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion: 146 Resp: 329973
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
75 38.2 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 34.65 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

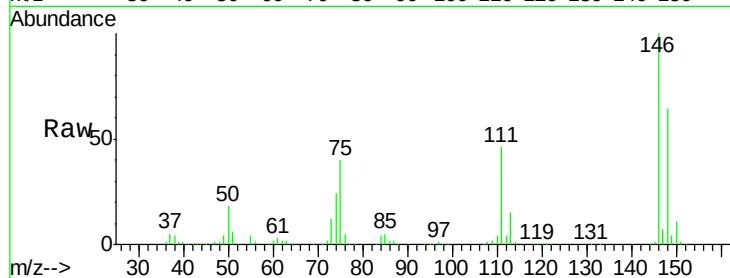
Tot Ion:146 Resp: 331326

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

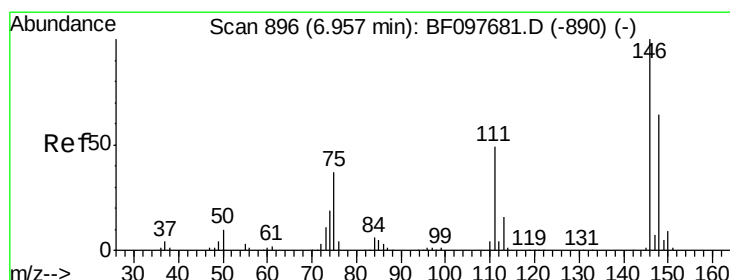
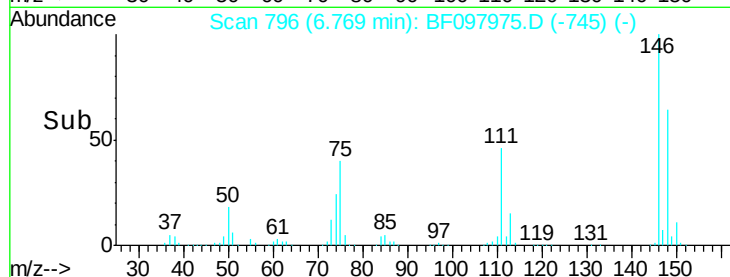
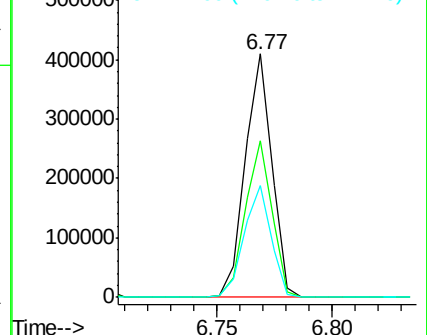
111 46.0 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.97 ng

RT: 6.92 min Scan# 822

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

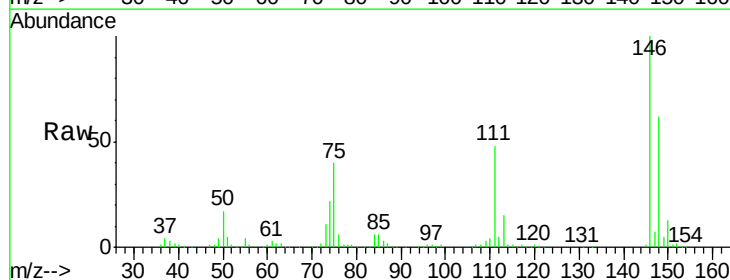
Tgt Ion:146 Resp: 308349

Ion Ratio Lower Upper

146 100

148 62.0 50.4 75.6

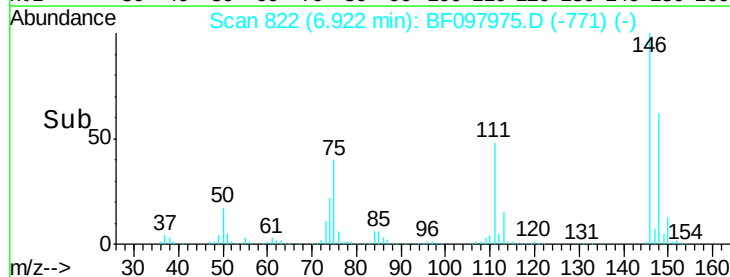
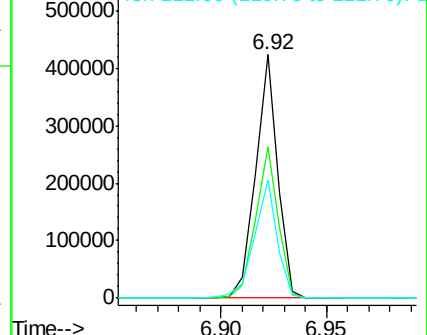
111 48.4 38.2 57.4

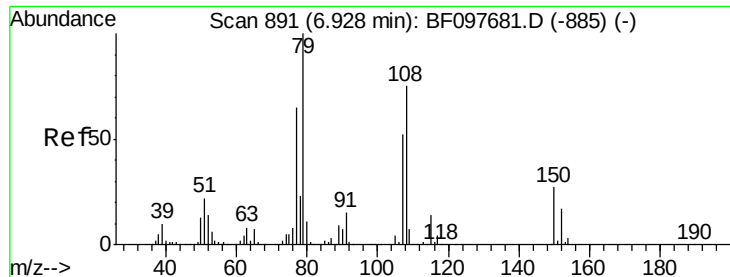


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

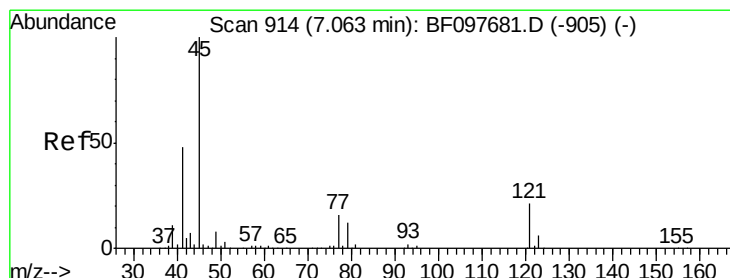
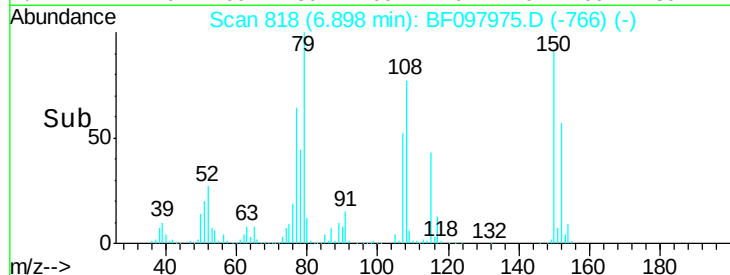
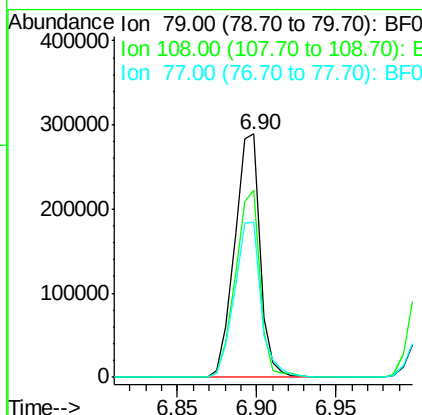
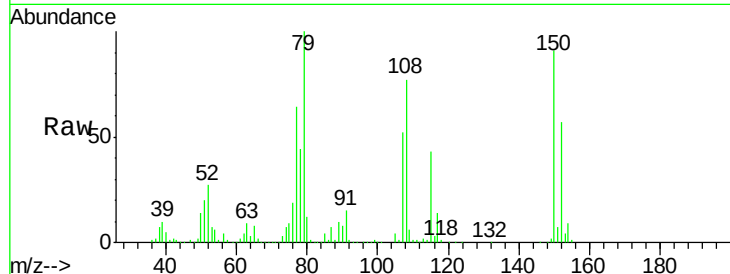




#15
Benzyl Alcohol
Concen: 38.24 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

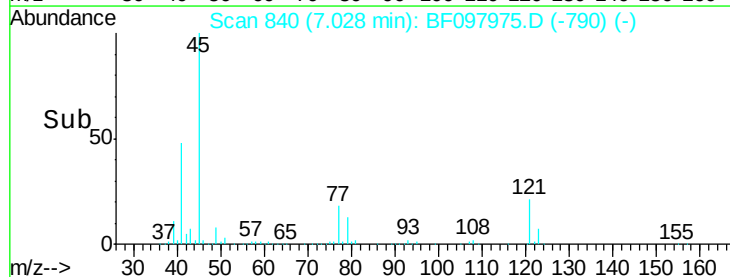
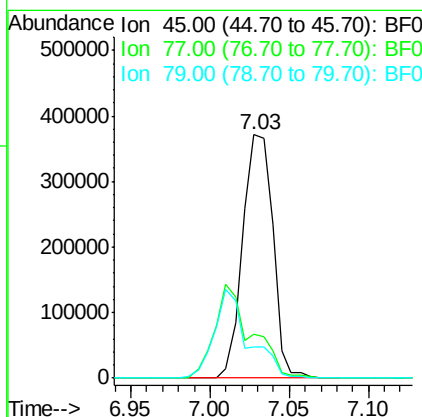
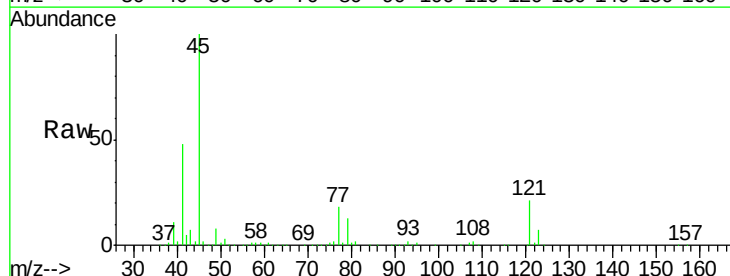
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

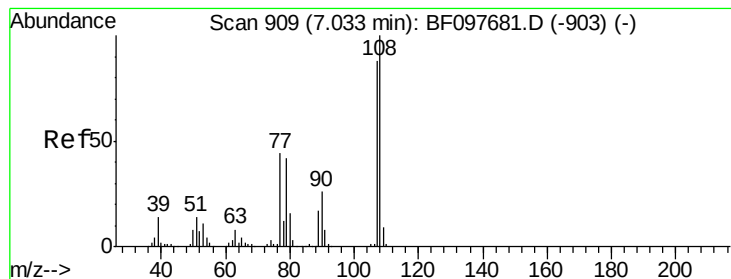
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	63.4	95.0
77	63.8	49.2	73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.61 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.9	0.0	33.2
79	13.0	0.0	30.0

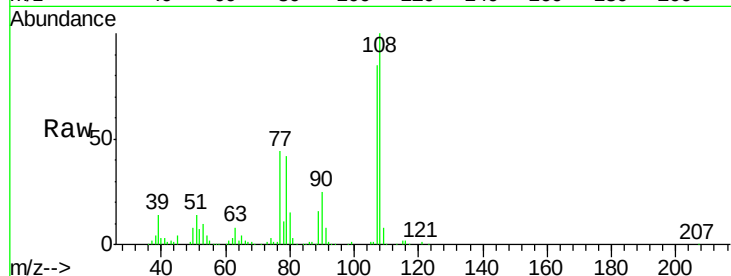




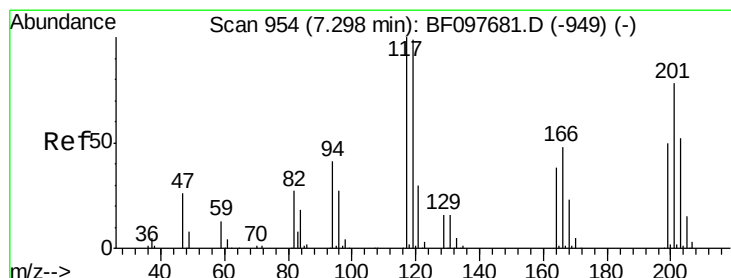
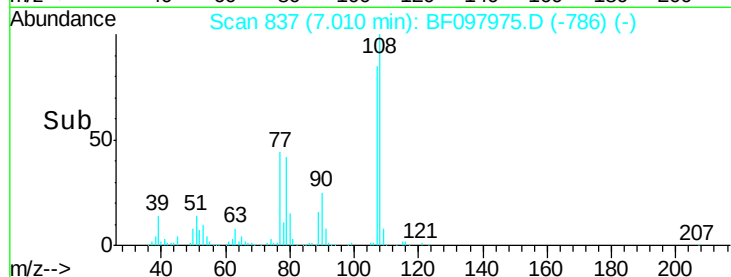
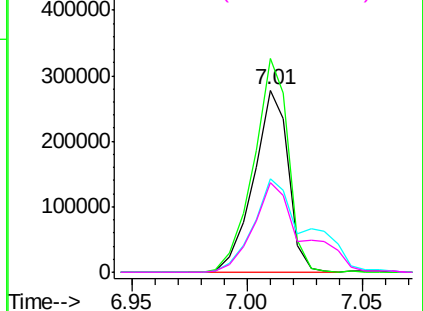
#17
2-Methylphenol
Concen: 37.79 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampled :
SP-5-6MS

Tot Ion:	107	Resp:	291072
Ion	Ratio	Lower	Upper
107	100		
108	117.5	93.4	140.0
77	51.6	35.8	53.6
79	49.0	34.8	52.2

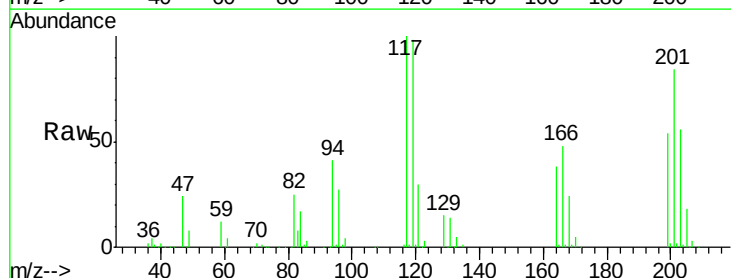


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

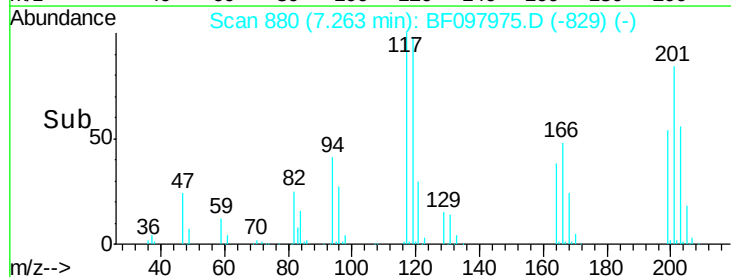
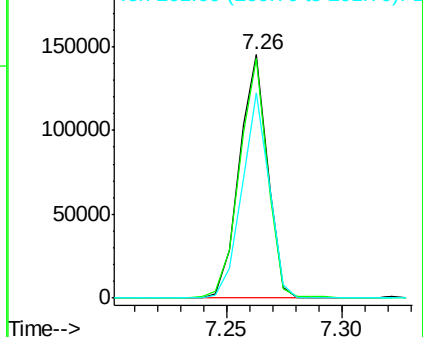


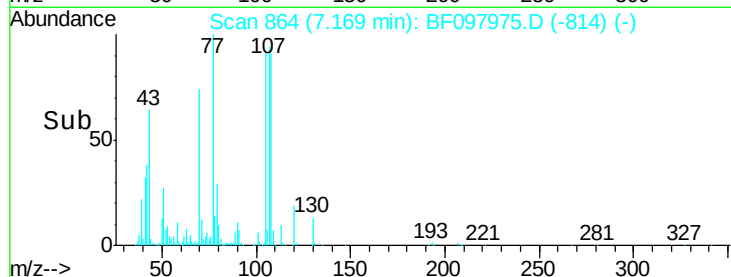
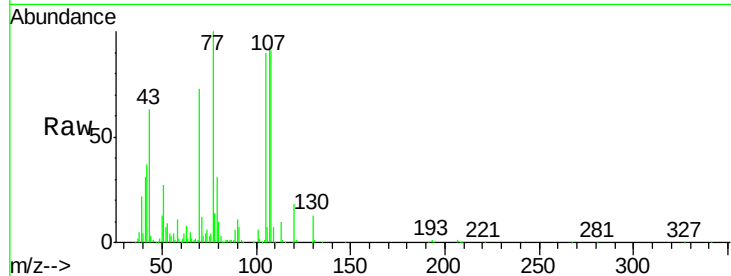
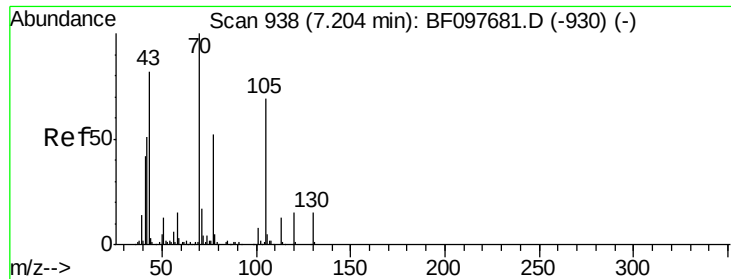
#18
Hexachloroethane
Concen: 33.01 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:	117	Resp:	123773
Ion	Ratio	Lower	Upper
117	100		
119	98.5	77.4	116.0
201	84.1	94.6	141.8#



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

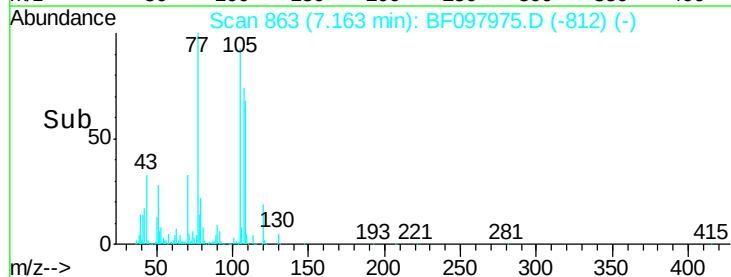
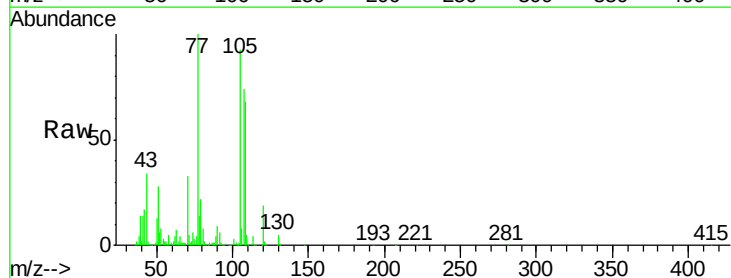
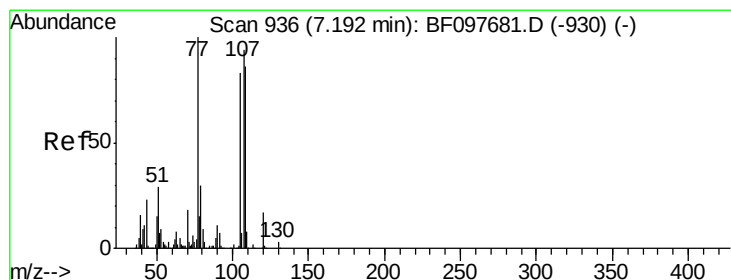
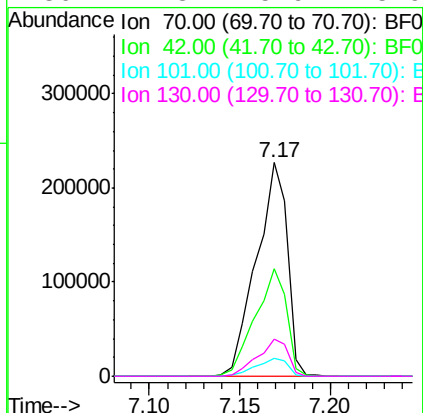




#19
n-Nitroso-di-n-propylamine
Concen: 34.86 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

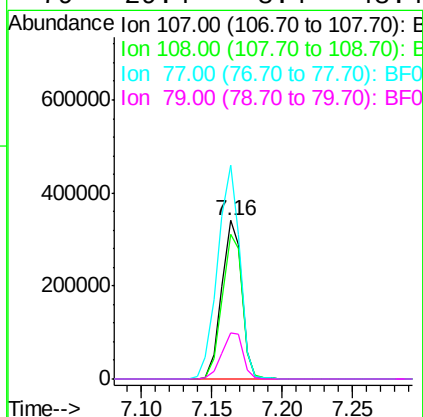
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

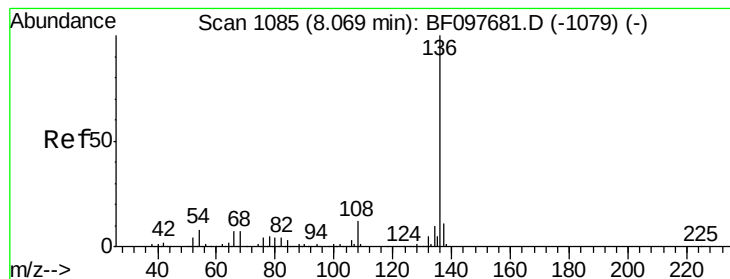
Tot Ion:	70	Resp:	268753
Ion	Ratio	Lower	Upper
70	100		
42	50.5	47.2	70.8
101	8.7	7.2	10.8
130	17.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 35.95 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:	107	Resp:	338255
Ion	Ratio	Lower	Upper
107	100		
108	91.1	71.0	111.0
77	134.8	90.5	130.5#
79	29.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

Tot Ion:136 Resp: 494274

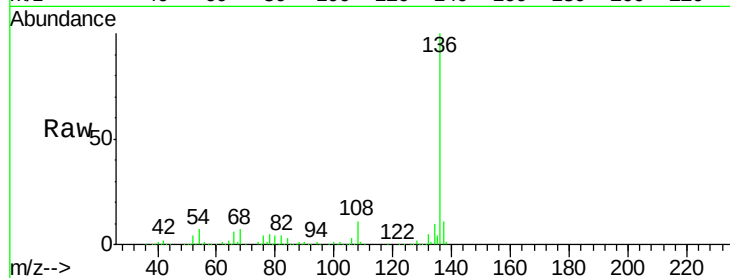
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.4 4.9 7.3#

68 6.9 4.1 6.1#

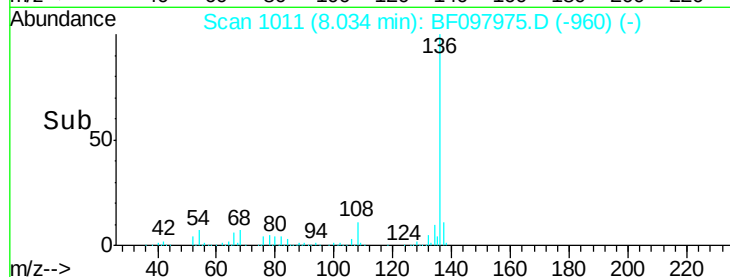


Abundance Ion 136.00 (135.70 to 136.70): E

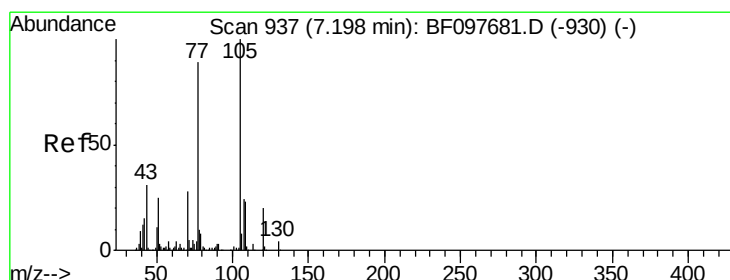
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.53 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Tgt Ion:105 Resp: 476929

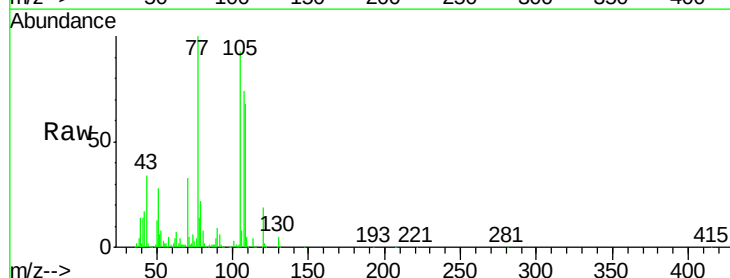
Ion Ratio Lower Upper

105 100

71 5.9 2.8 4.2#

51 30.5 30.7 46.1#

120 20.4 17.4 26.0

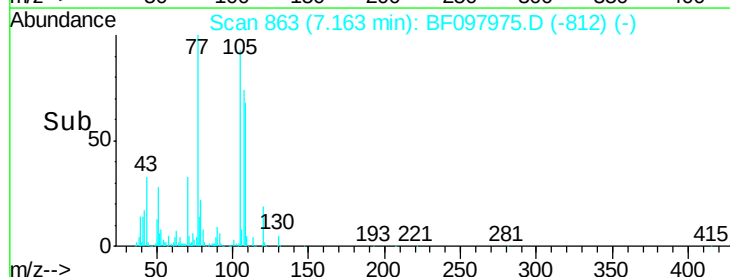


Abundance Ion 105.00 (104.70 to 105.70): E

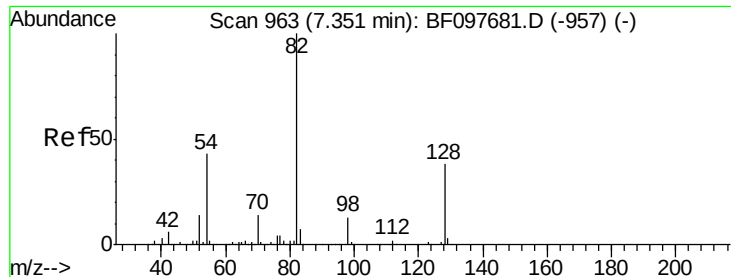
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



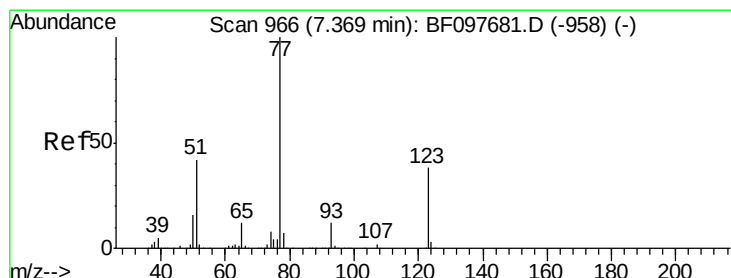
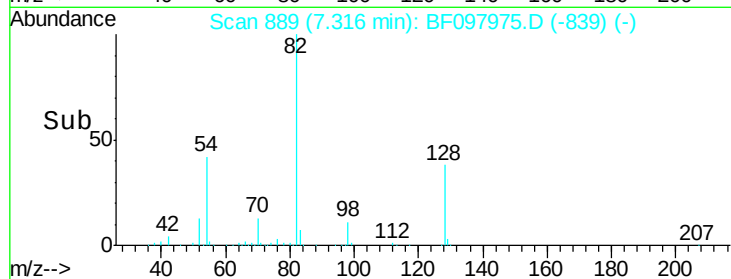
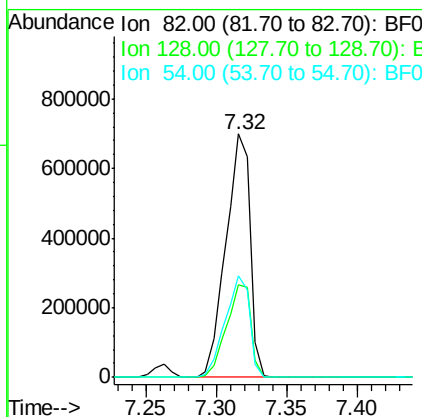
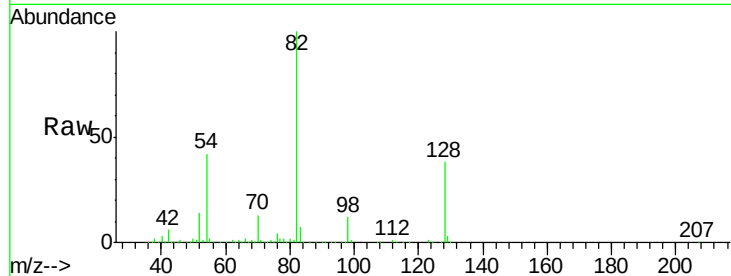
Time-->



#23
 Nitrobenzene-d5
 Concen: 91.80 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

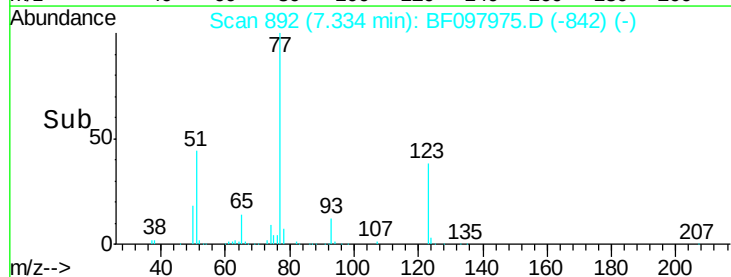
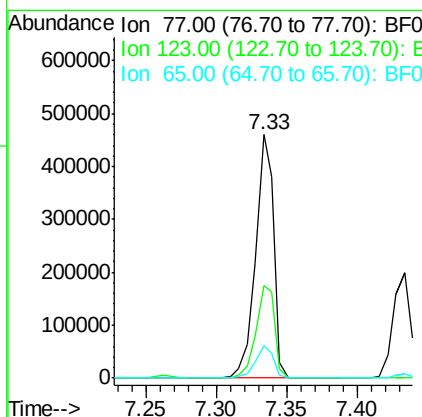
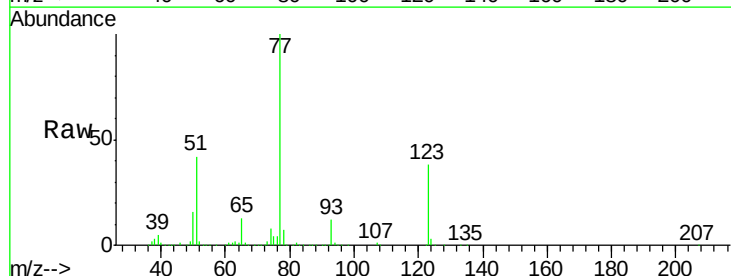
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

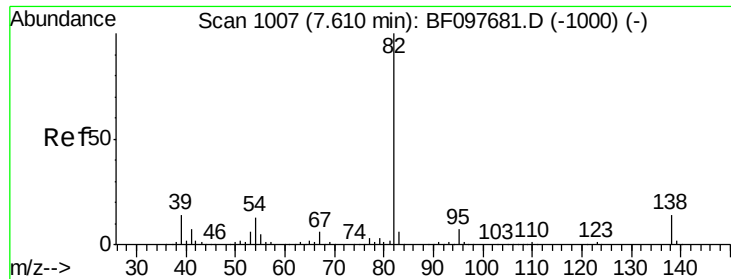
Tot Ion	82	Resp	835281
Ion Ratio	100	Lower	Upper
128	37.9	34.0	51.0
54	41.7	42.2	63.2#



#24
 Nitrobenzene
 Concen: 40.91 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	77	Resp	414427
Ion Ratio	100	Lower	Upper
123	38.1	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 39.86 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

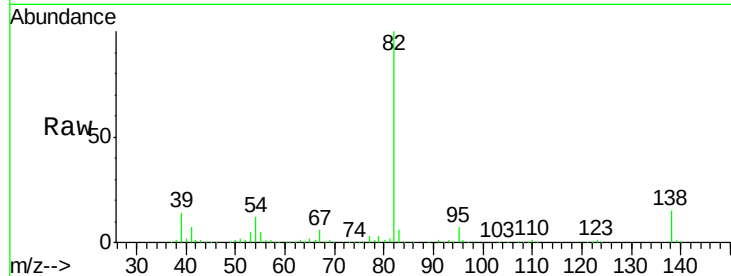
Tot Ion: 82 Resp: 754204

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

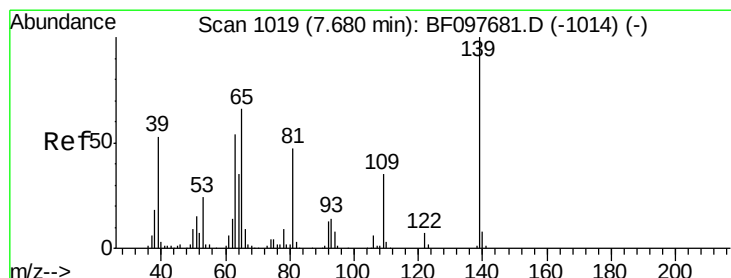
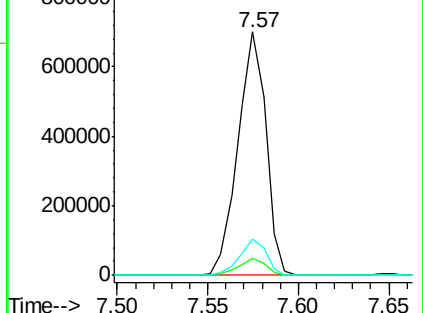
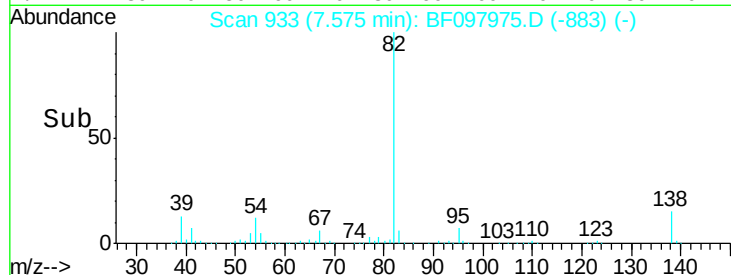
138 14.8 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 33.46 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

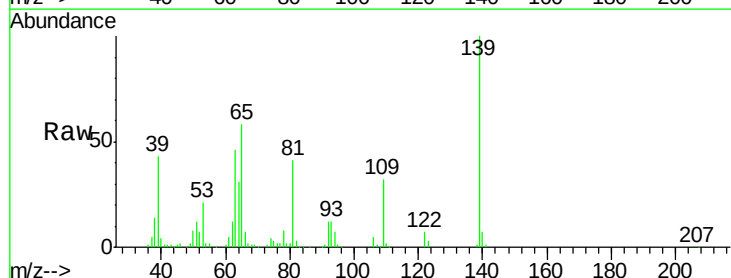
Tgt Ion: 139 Resp: 116249

Ion Ratio Lower Upper

139 100

109 31.9 21.0 31.6#

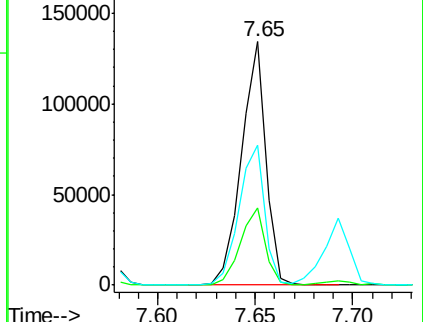
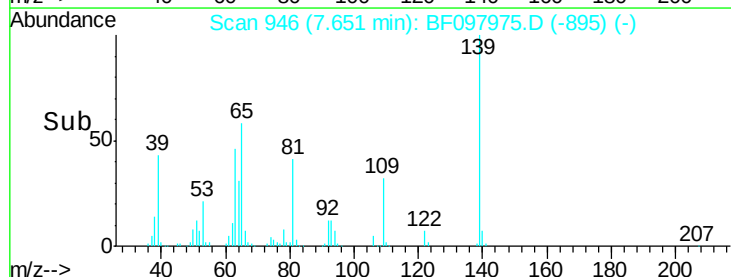
65 57.5 33.0 49.6#

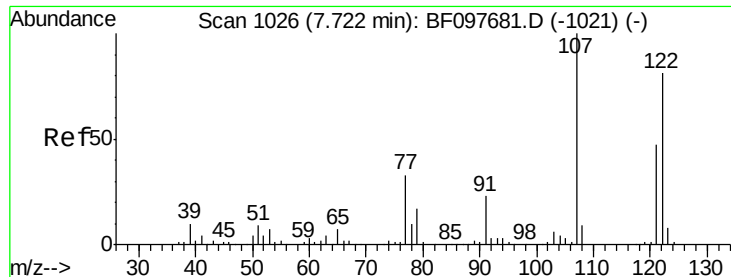


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

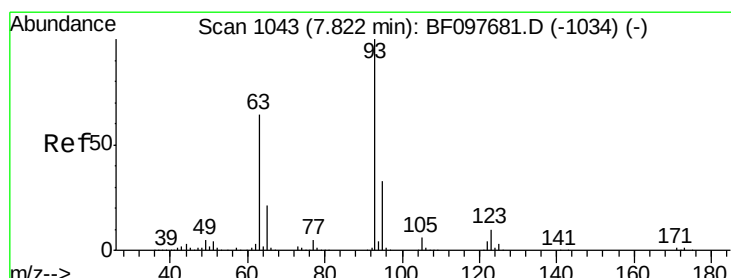
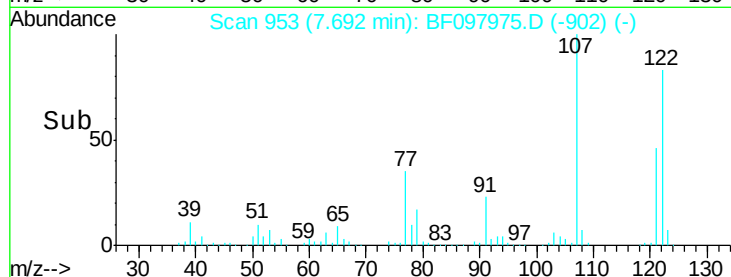
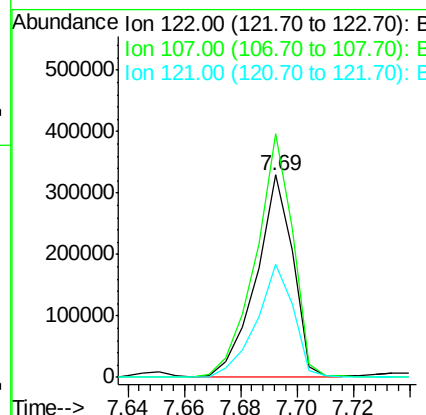
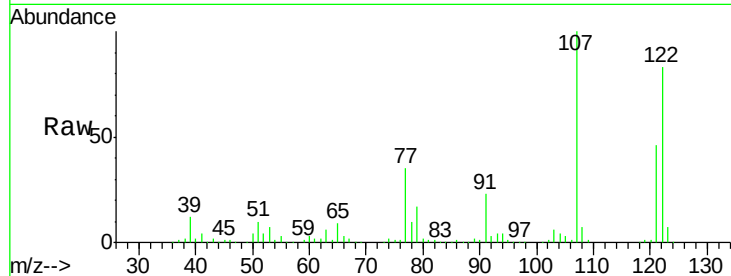




#27
 2,4-Dimethylphenol
 Concen: 37.81 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

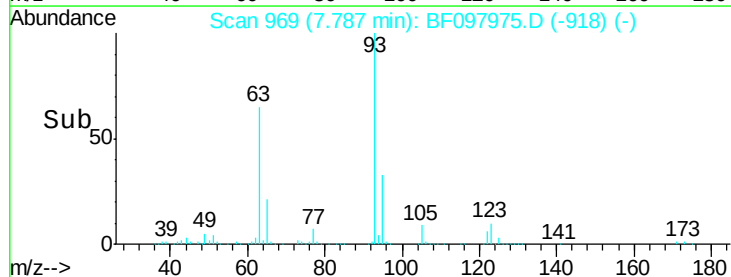
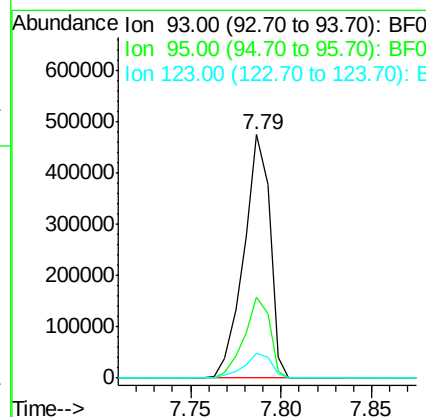
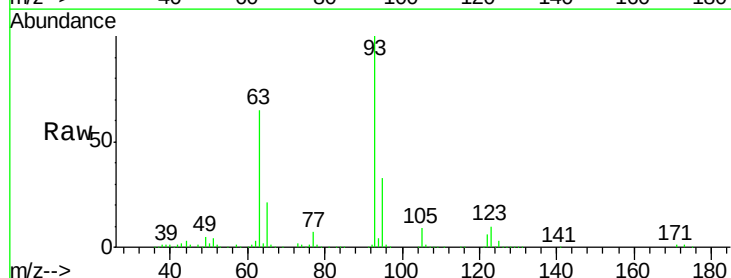
Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

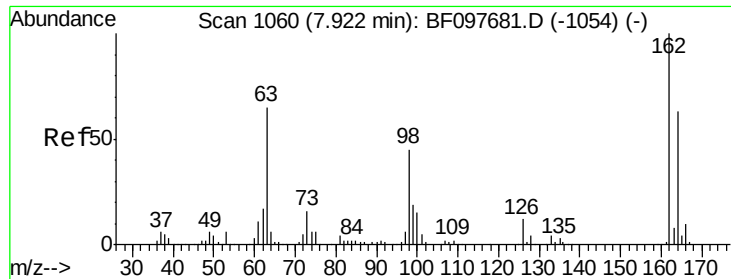
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.5	89.2	133.8
121	56.0	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.31 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.5	39.7
123	9.9	9.0	13.4

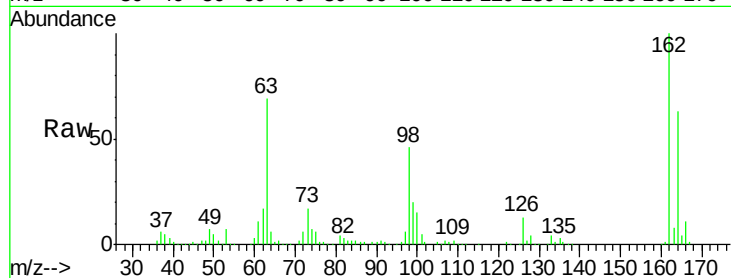




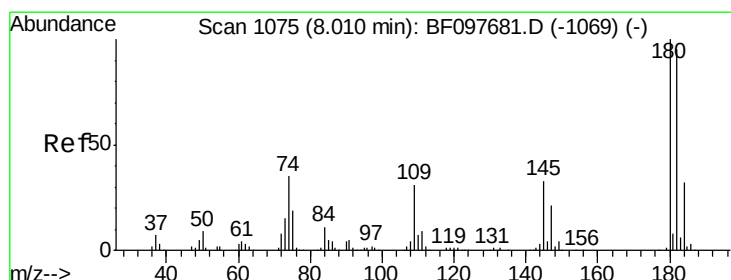
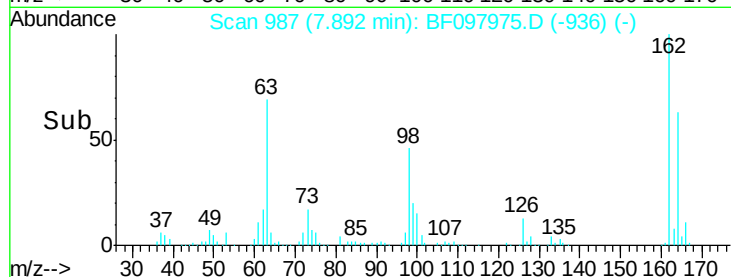
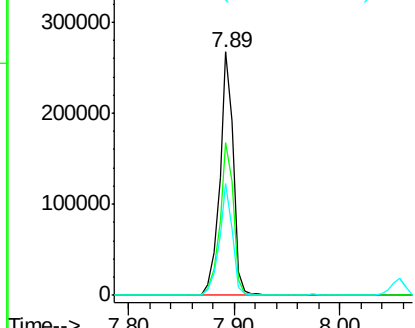
#29
 2,4-Dichlorophenol
 Concen: 37.08 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.6	84.6
98	45.8	14.8	54.8

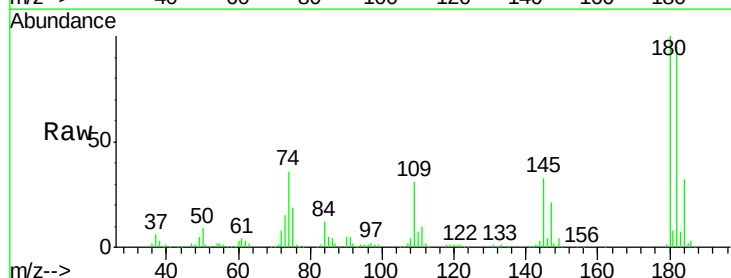


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

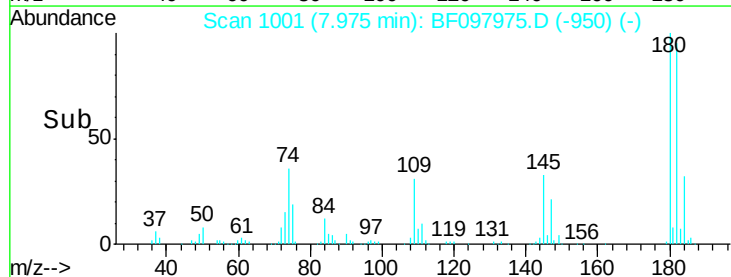
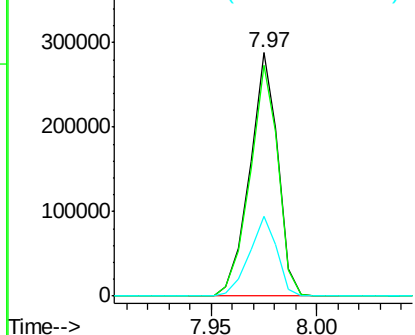


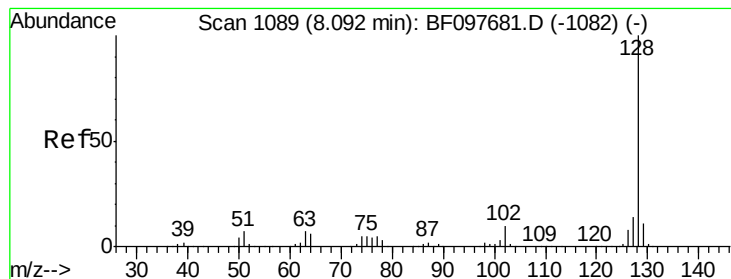
#30
 1,2,4-Trichlorobenzene
 Concen: 36.44 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	32.9	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: 42.35 ng

RT: 8.06 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

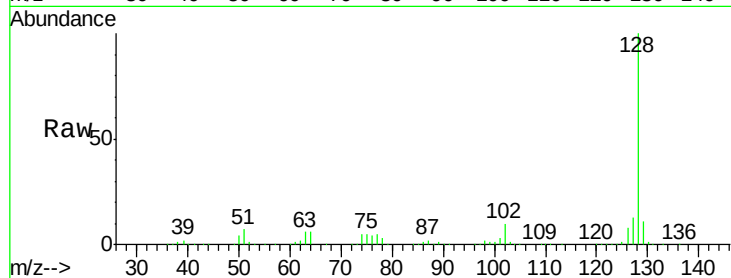
Tot Ion:128 Resp: 1086683

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

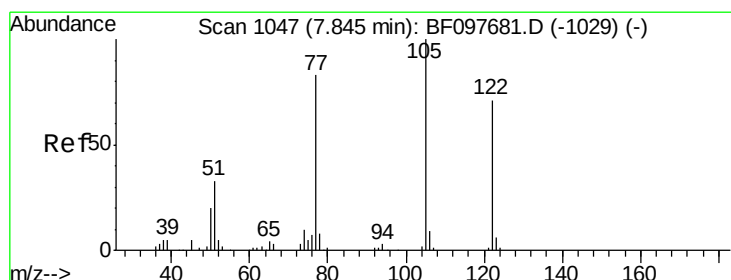
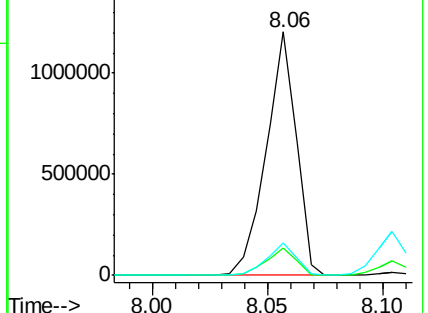
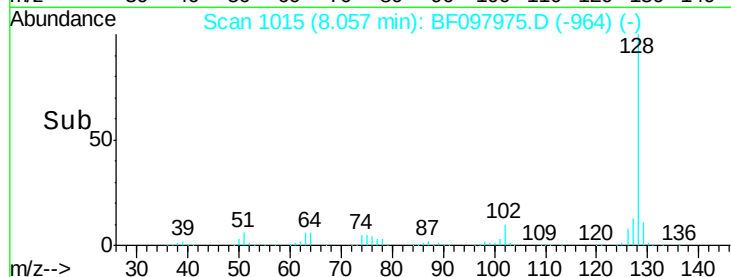
127 13.5 10.8 16.2



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: 19.35 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.04 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

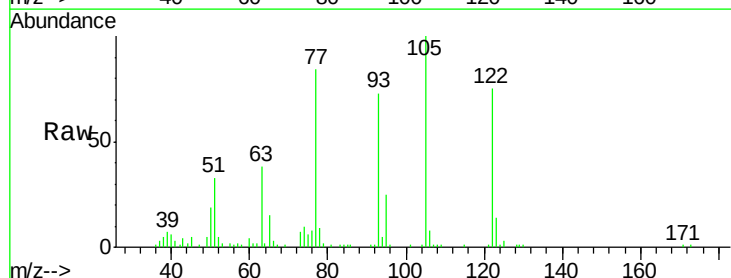
Tgt Ion:122 Resp: 85897

Ion Ratio Lower Upper

122 100

105 133.9 103.3 143.3

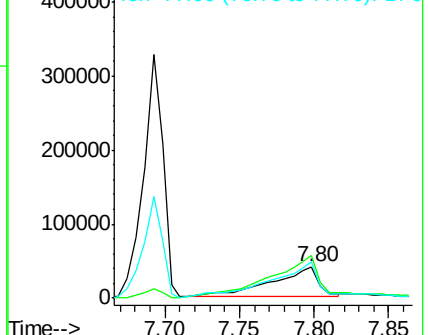
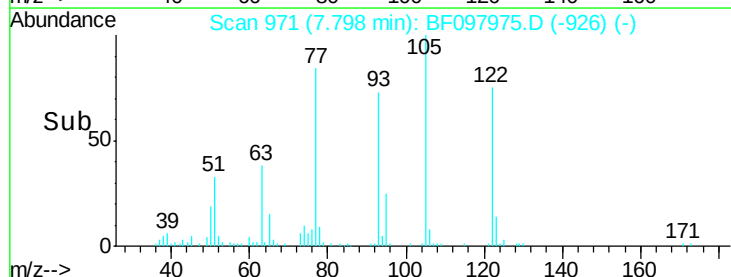
77 112.8 73.7 113.7

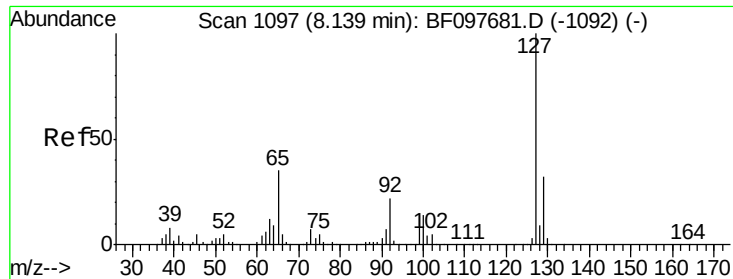


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

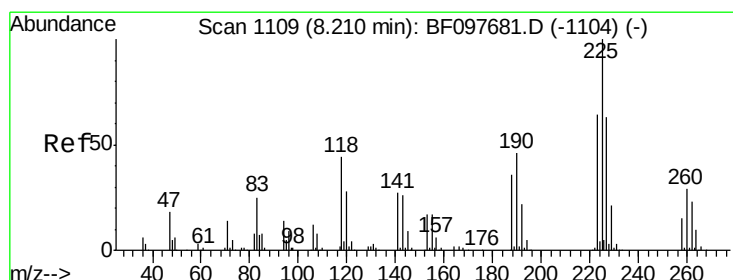
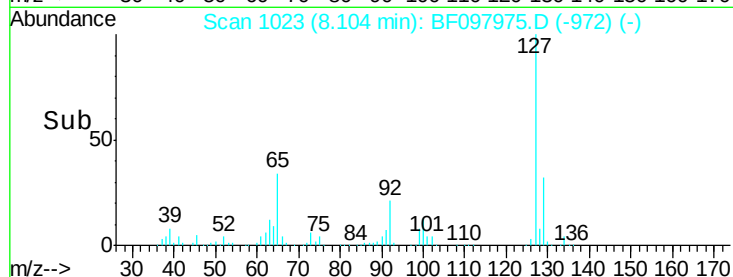
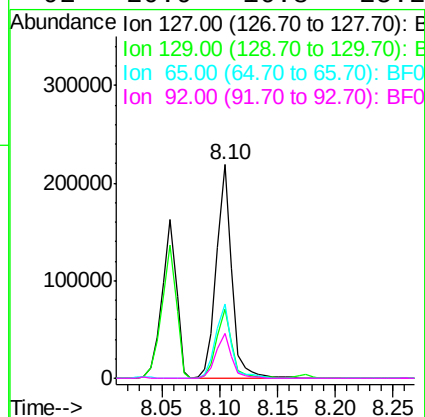
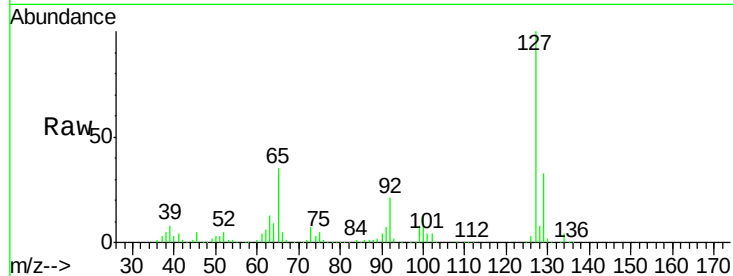




#33
4-Chloroaniline
Concen: 18.78 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

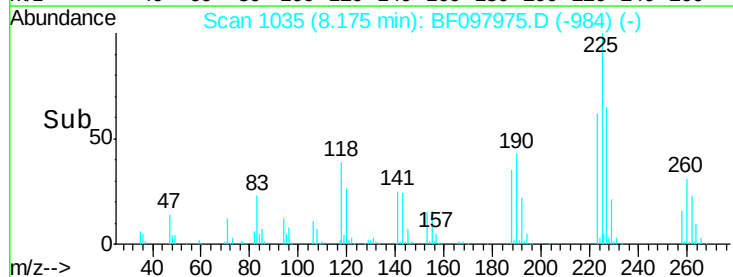
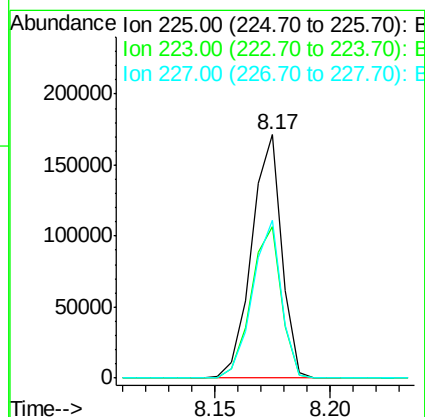
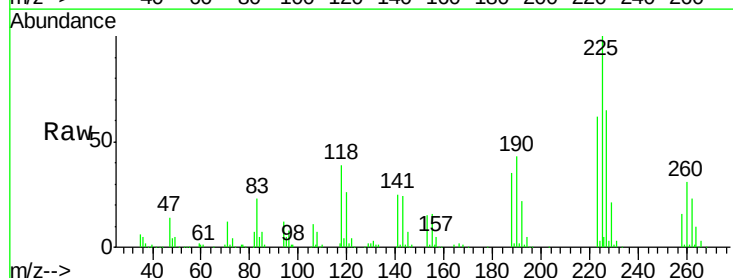
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

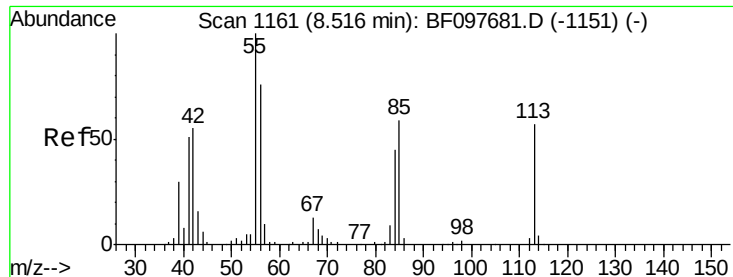
Tot Ion:	127	Resp:	203259
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	34.7	27.8	41.8
92	20.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 36.63 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:	225	Resp:	155304
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.8	73.2
227	64.7	51.1	76.7

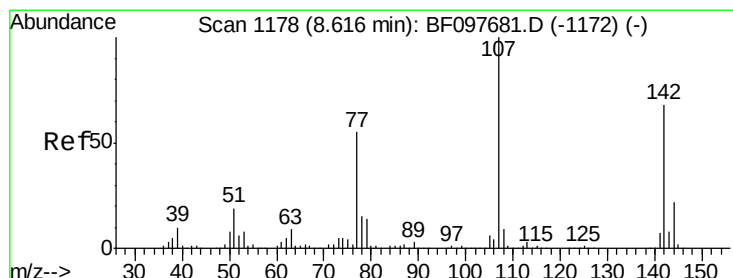
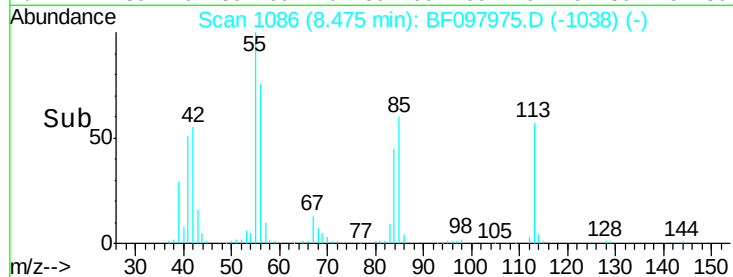
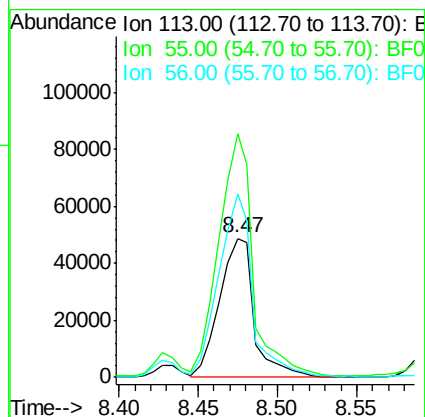
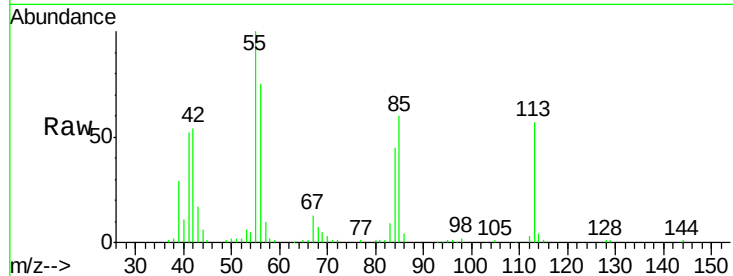




#35
 Caprolactam
 Concen: 33.36 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.02 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

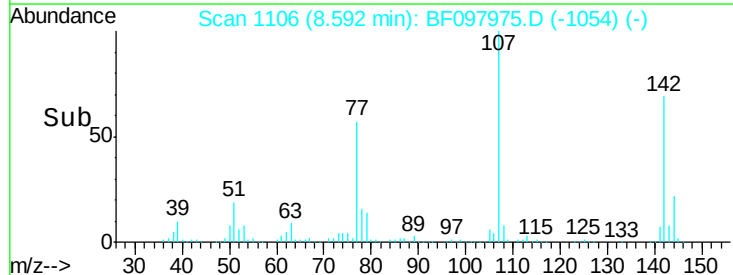
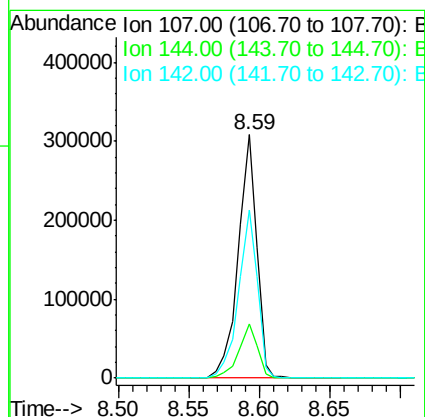
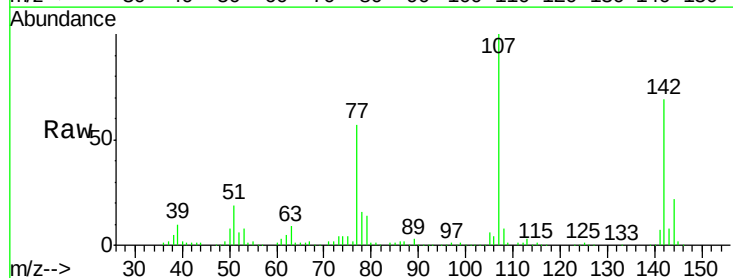
Instrument :
 BNA_F
 ClientSampled :
 SP-5-6MS

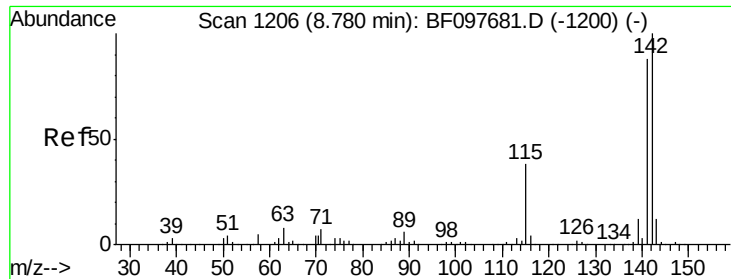
Tot Ion:113 Resp: 74272
 Ion Ratio Lower Upper
 113 100
 55 175.6 150.2 190.2
 56 132.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 33.79 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:107 Resp: 284377
 Ion Ratio Lower Upper
 107 100
 144 22.1 24.2 36.4#
 142 69.1 73.4 110.0#

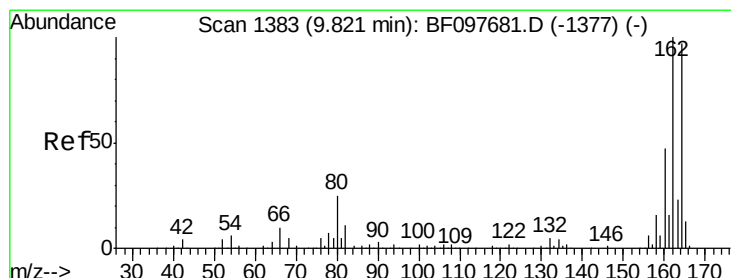
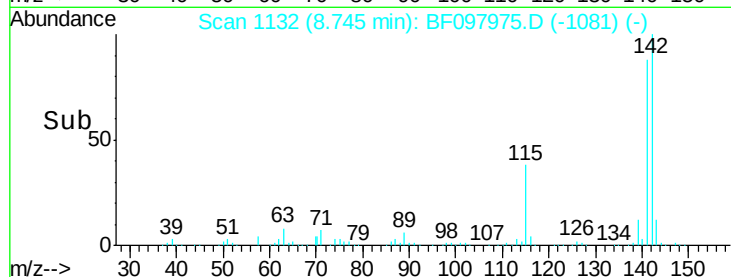
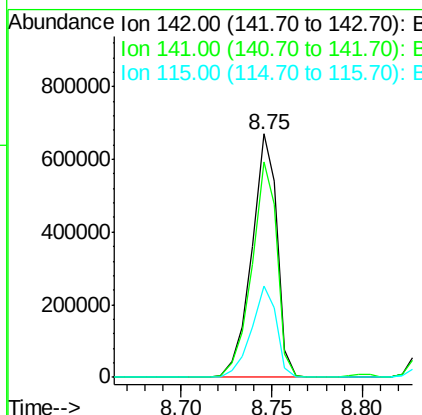
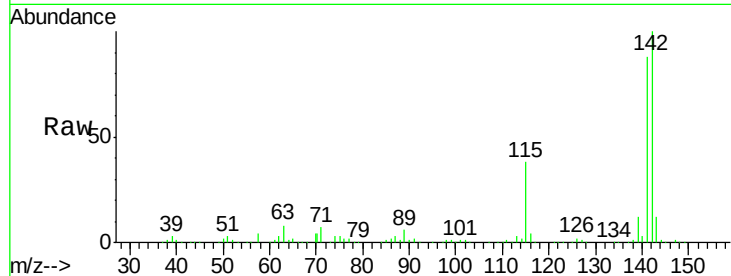




#37
 2-Methylnaphthalene
 Concen: 41.28 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

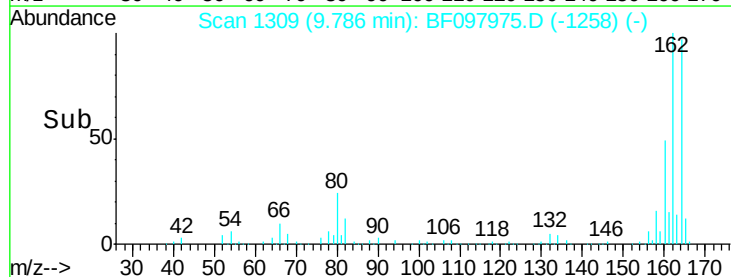
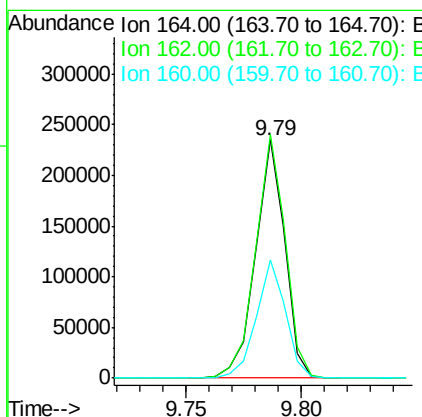
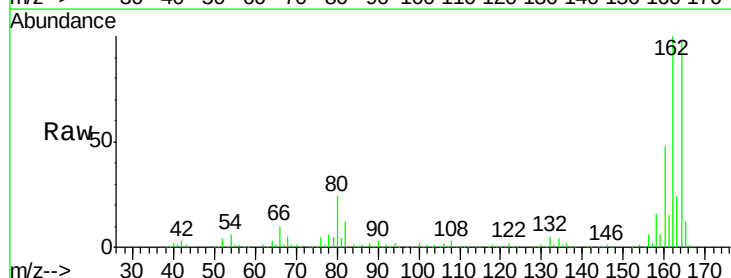
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

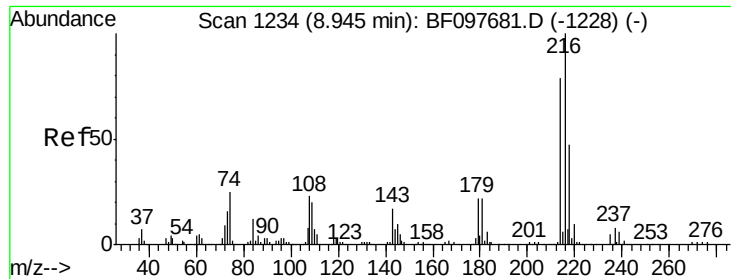
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	37.6	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	49.5	36.2	54.2

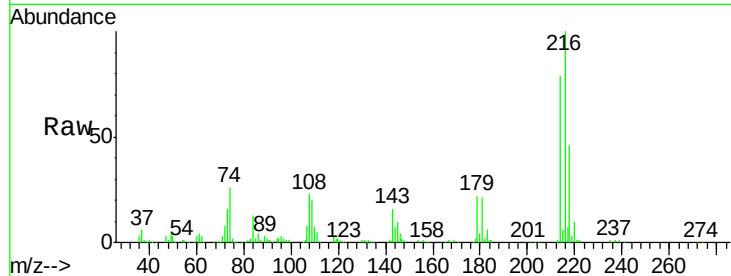




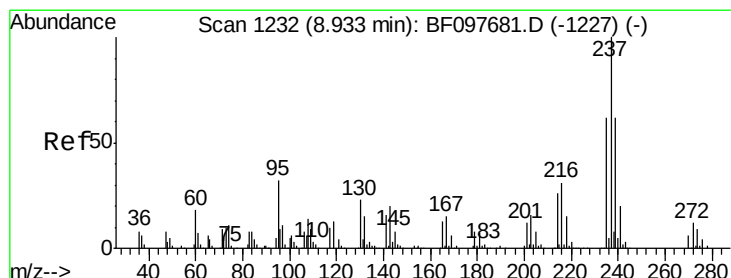
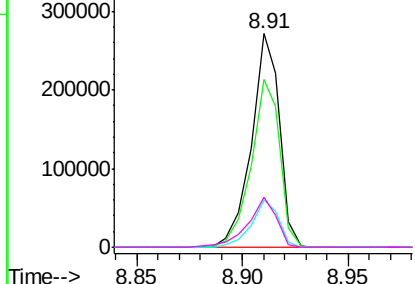
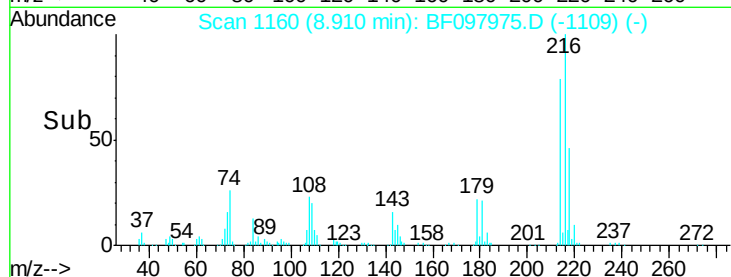
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.28 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion:216	Resp:	250238
Ion Ratio	Lower	Upper
216	100	
214	79.9	63.4 95.2
179	21.9	17.9 26.9
108	23.7	16.5 24.7

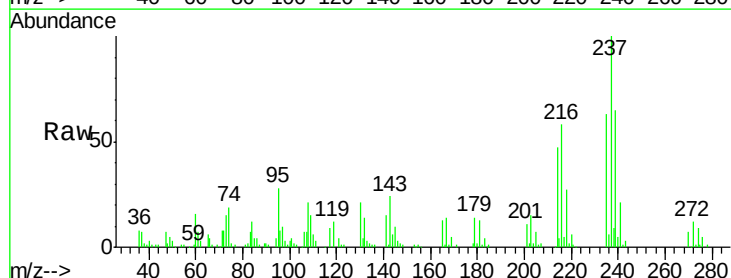


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

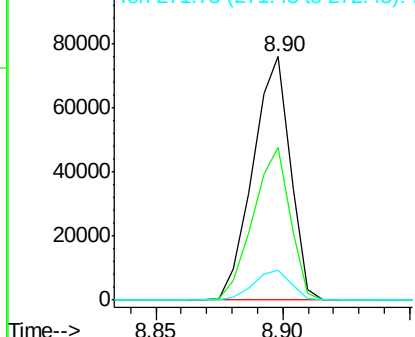
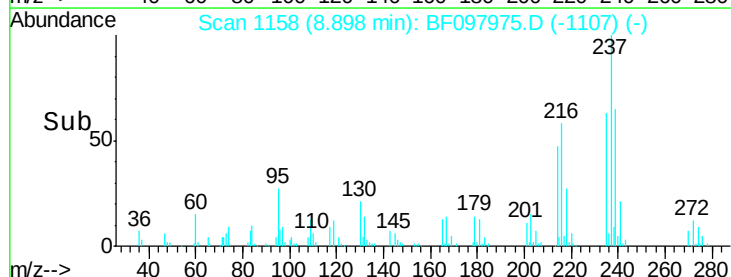


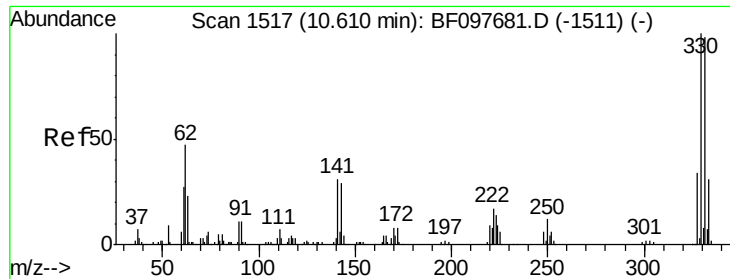
#40
 Hexachlorocyclopentadiene
 Concen: 25.59 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:237	Resp:	78318
Ion Ratio	Lower	Upper
237	100	
235	62.6	42.6 82.6
272	12.2	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

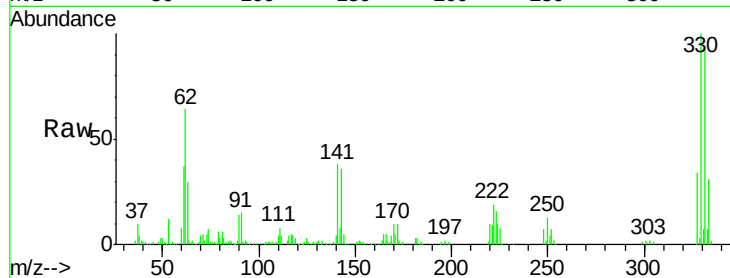




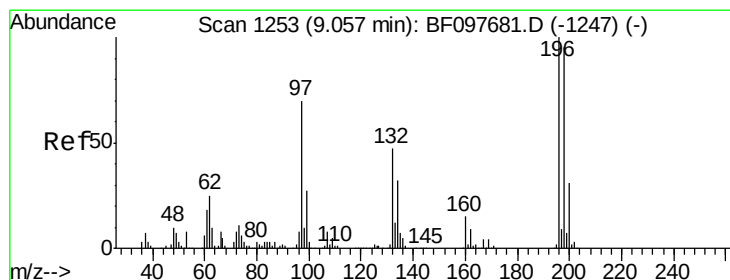
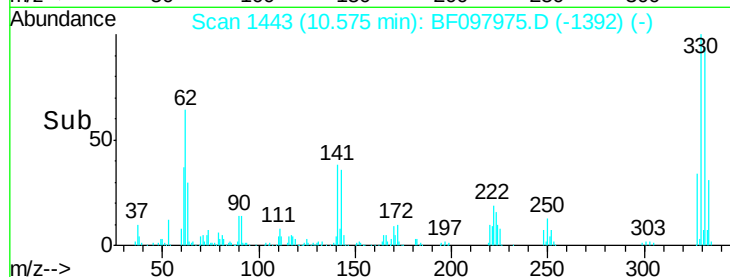
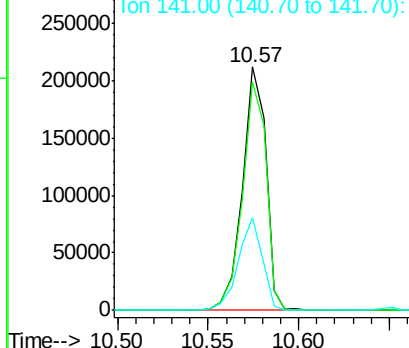
#41
 2,4,6-Tribromophenol
 Concen: 106.27 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	39.3	31.4	47.2

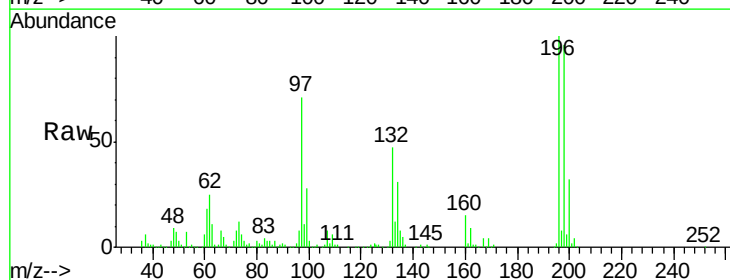


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

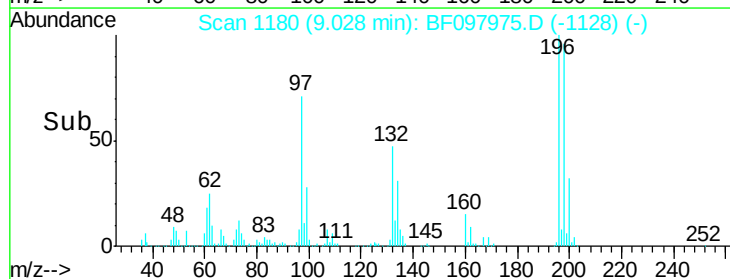
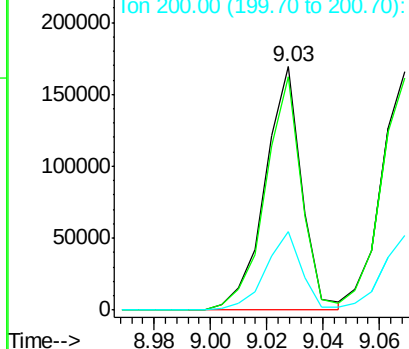


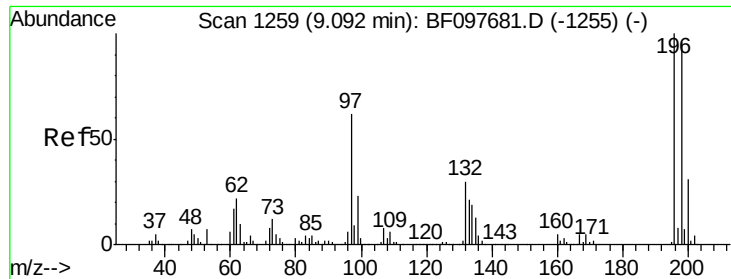
#42
 2,4,6-Trichlorophenol
 Concen: 35.63 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	74.2	111.4
200	32.0	24.0	36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

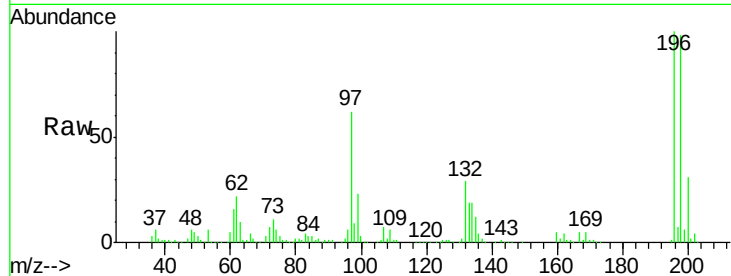




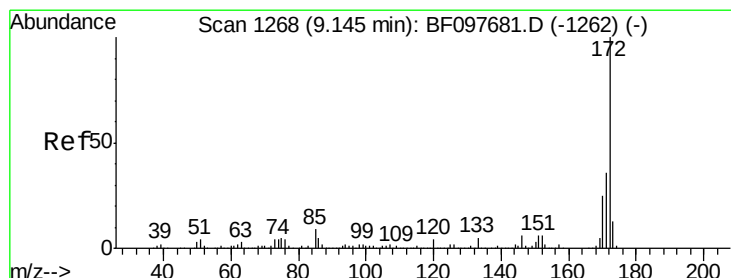
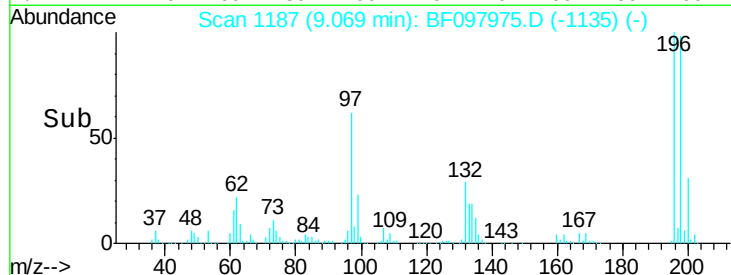
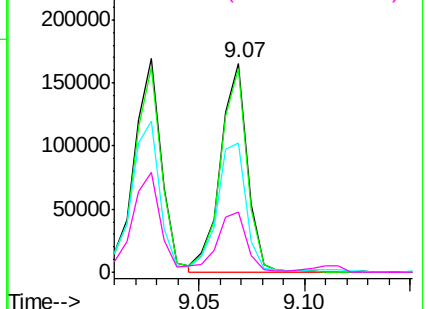
#43
 2,4,5-Trichlorophenol
 Concen: 34.05 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion:196 Resp: 144482
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.7 113.5
 97 61.6 47.7 71.5
 132 28.9 28.0 42.0

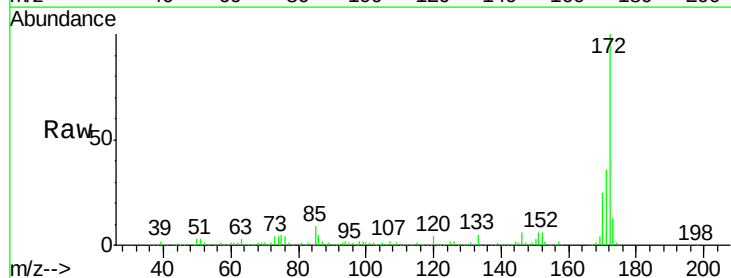


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

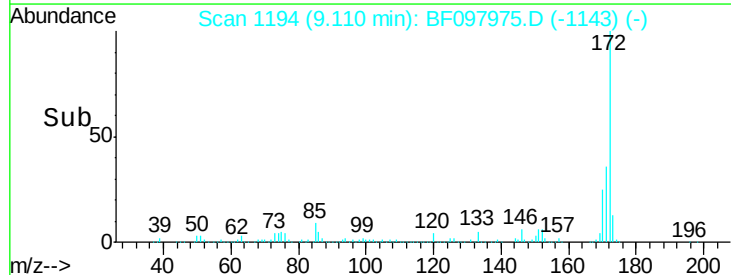
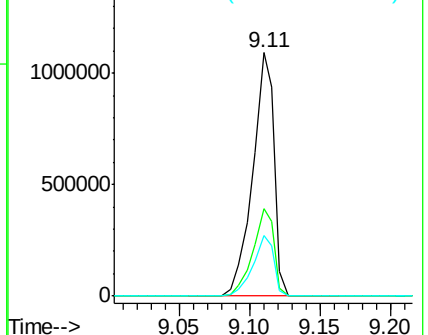


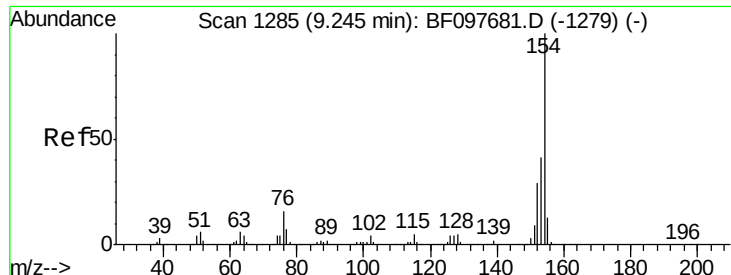
#44
 2-Fluorobiphenyl
 Concen: 82.13 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:172 Resp: 1160408
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.7 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

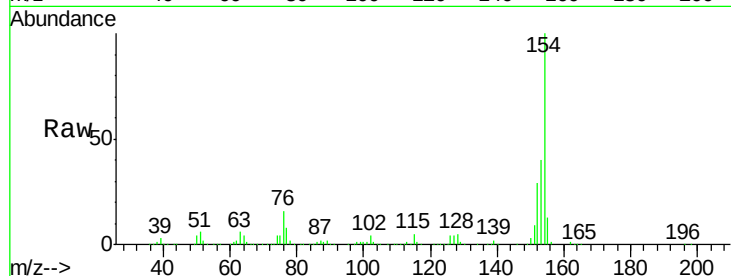




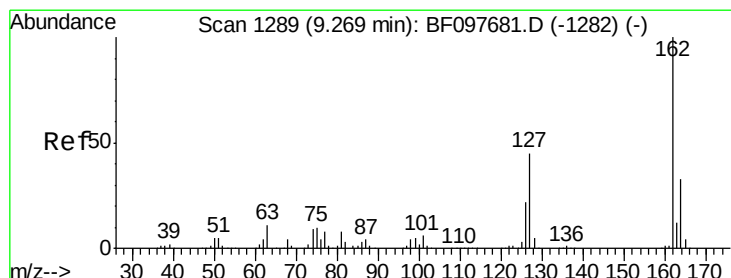
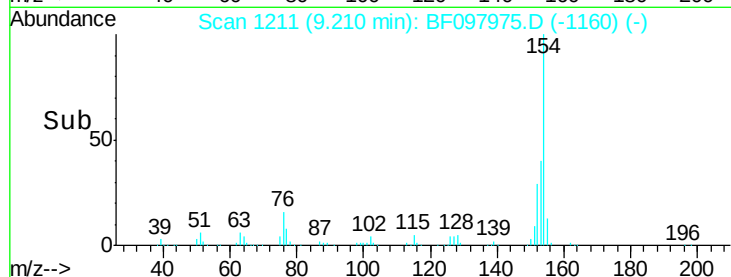
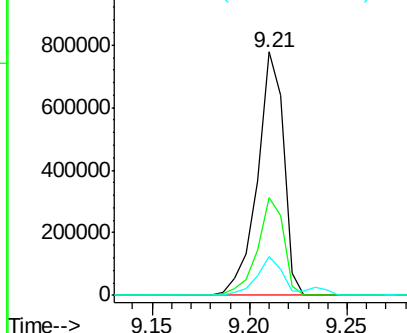
#45
 1,1'-Biphenyl
 Concen: 38.30 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	15.9	0.0	29.9

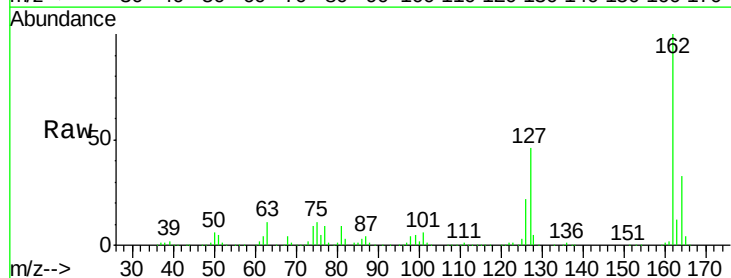


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

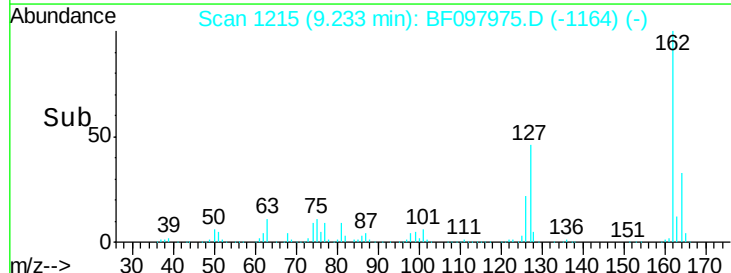
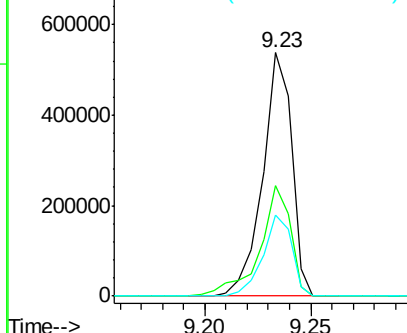


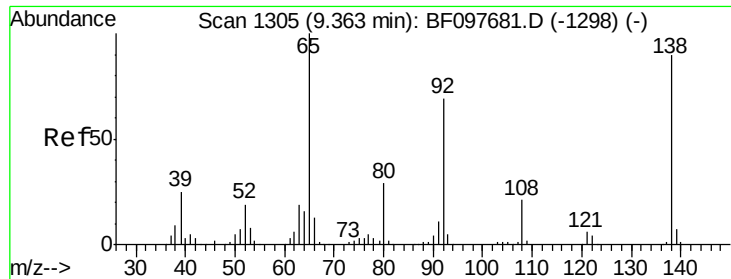
#46
 2-Chloronaphthalene
 Concen: 36.94 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.5	28.3	42.5#
164	33.1	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

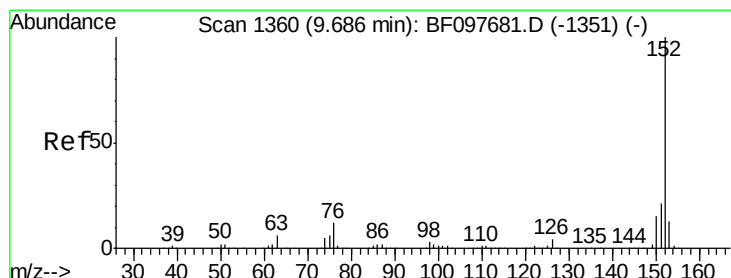
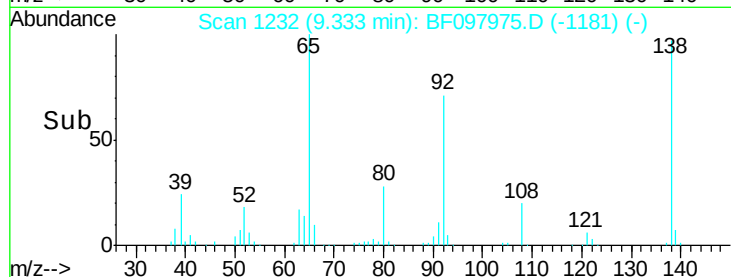
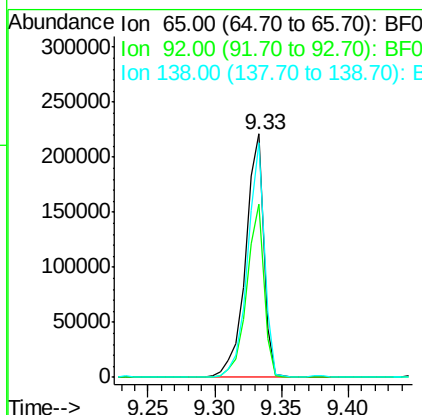
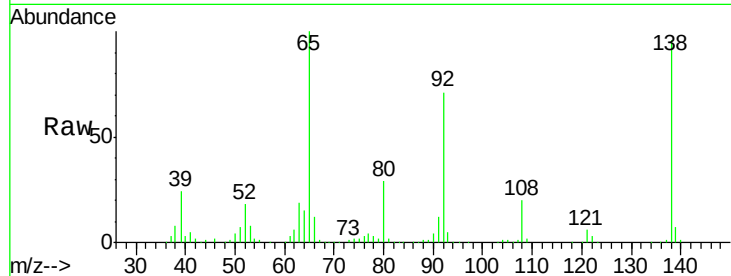




#47
 2-Nitroaniline
 Concen: 44.45 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

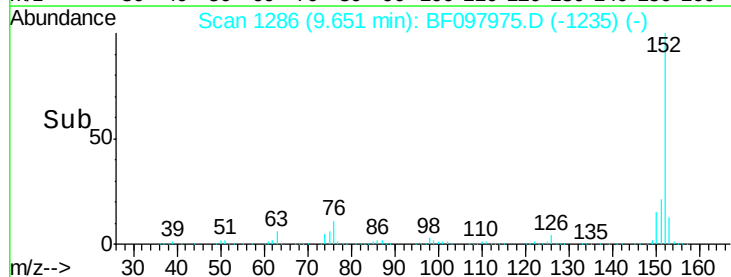
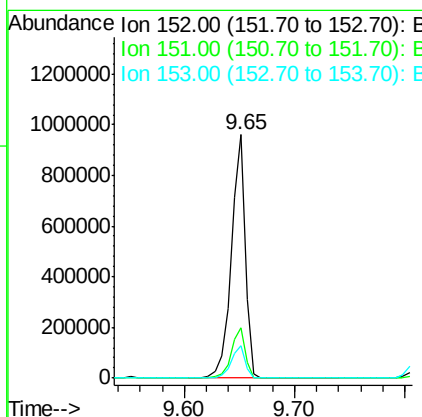
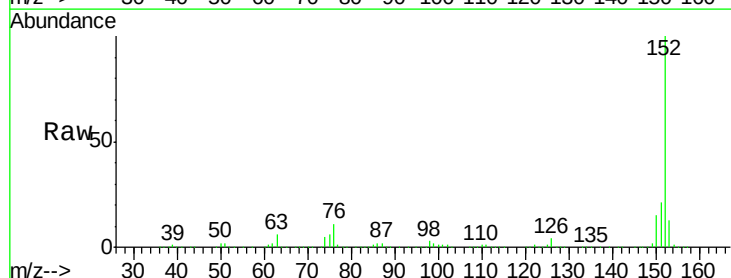
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

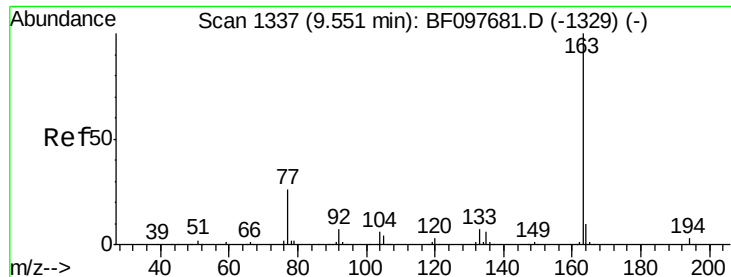
Tot Ion: 65 Resp: 208445
 Ion Ratio Lower Upper
 65 100
 92 70.9 53.9 80.9
 138 96.3 78.8 118.2



#48
 Acenaphthylene
 Concen: 38.64 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion: 152 Resp: 848659
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.3 10.8 16.2

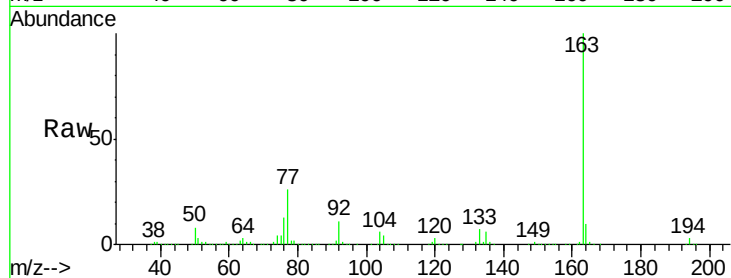




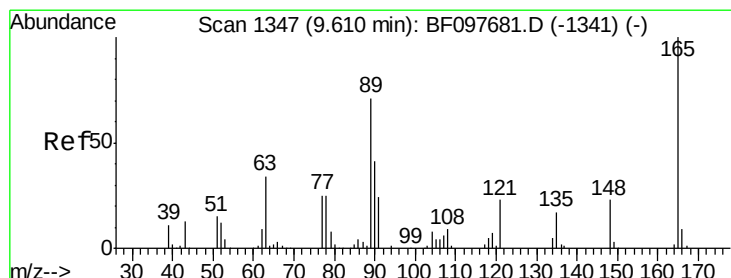
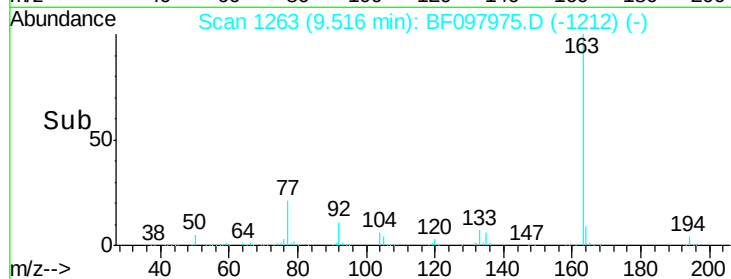
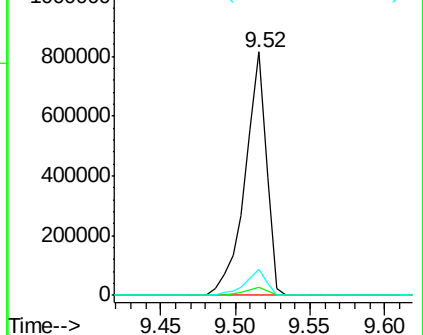
#49
Dimethylphthalate
Concen: 53.18 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion:163 Resp: 806949
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.4 8.4 12.6

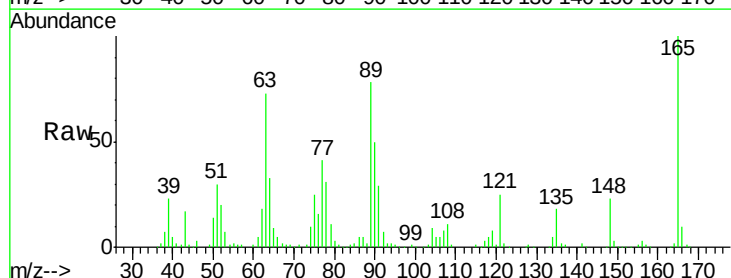


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

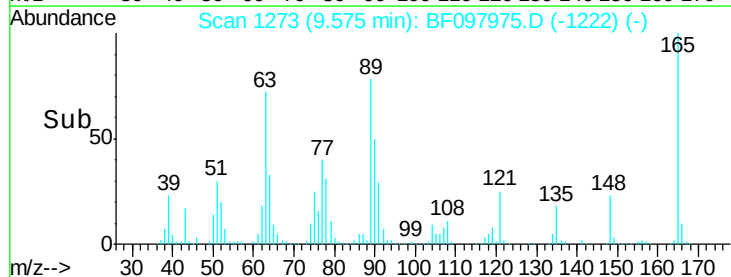
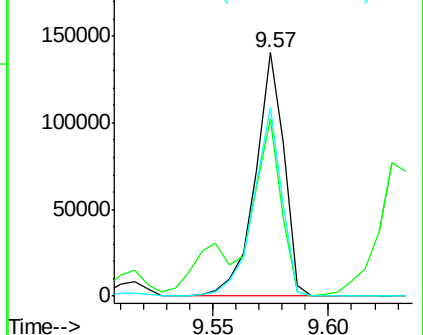


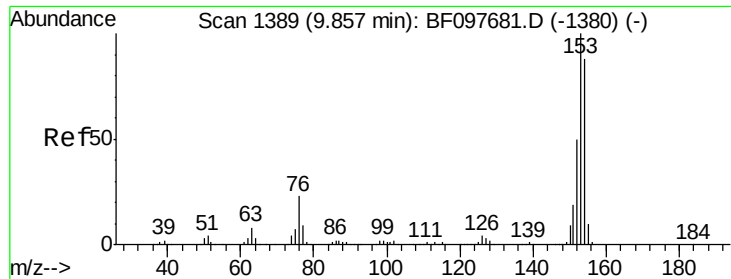
#50
2,6-Dinitrotoluene
Concen: 40.28 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:165 Resp: 121994
Ion Ratio Lower Upper
165 100
63 72.7 34.3 51.5#
89 77.6 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: 36.93 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

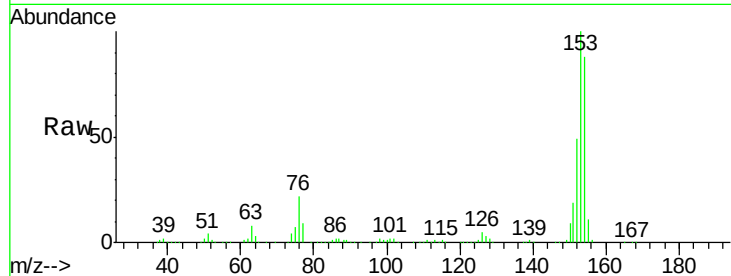
Tot Ion:154 Resp: 511574

Ion Ratio Lower Upper

154 100

153 114.1 90.5 135.7

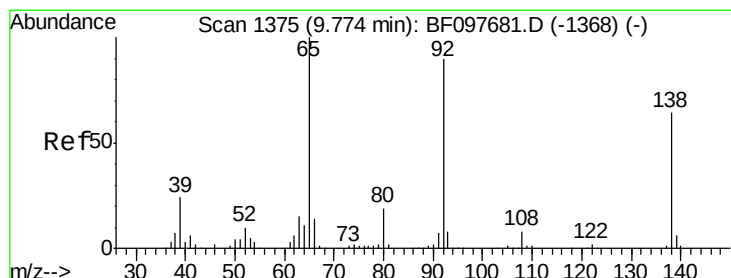
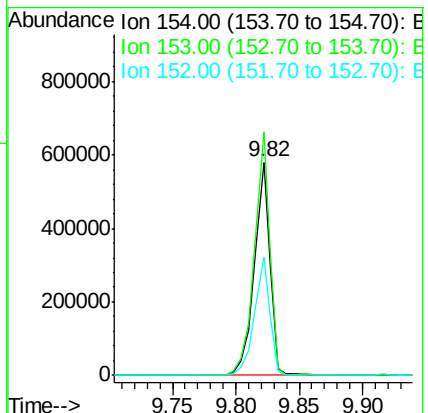
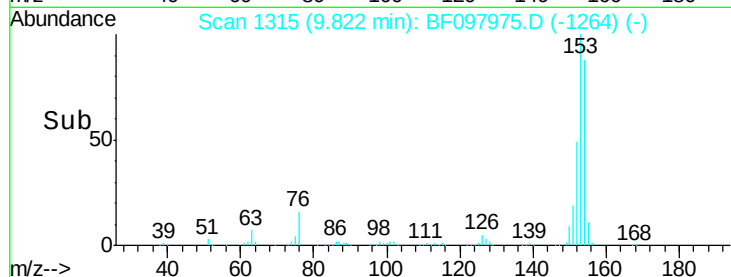
152 55.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.11 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

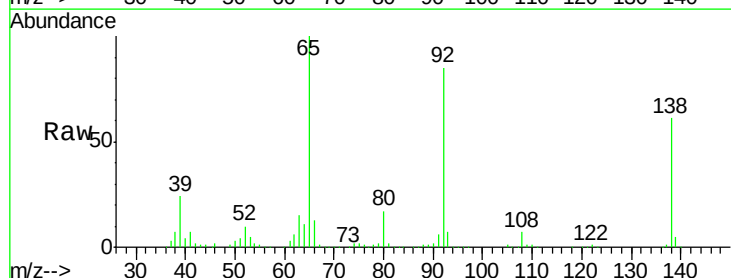
Tgt Ion:138 Resp: 129402

Ion Ratio Lower Upper

138 100

108 11.5 9.1 13.7

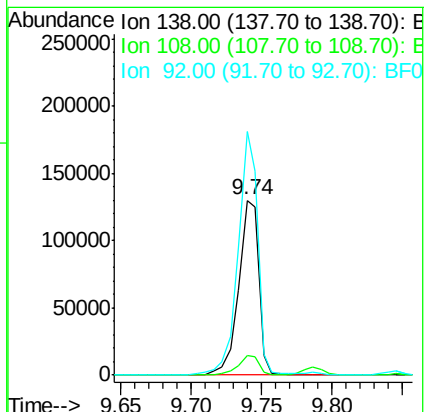
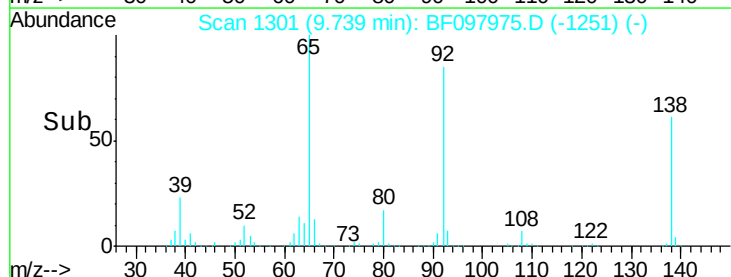
92 139.5 93.8 140.6

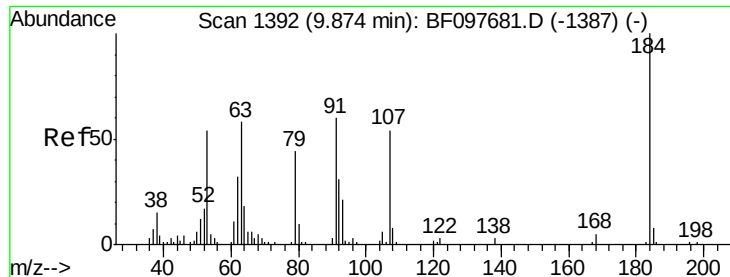


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

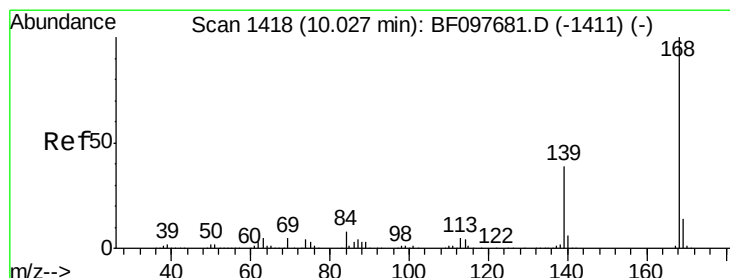
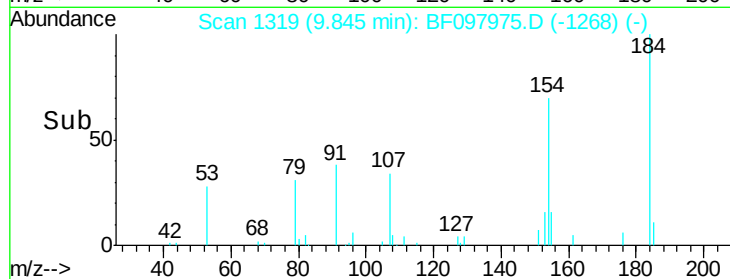
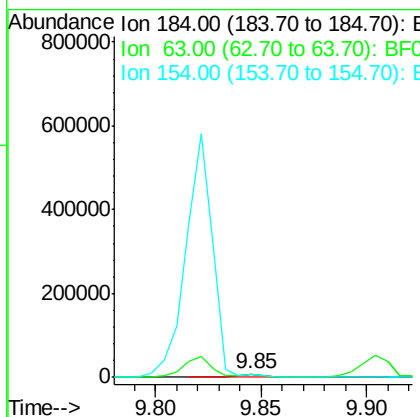
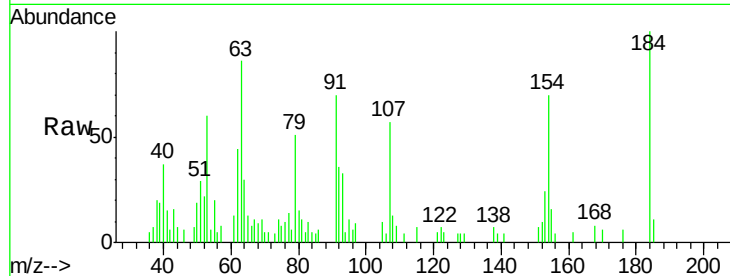




#53
 2,4-Dinitrophenol
 Concen: 14.83 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

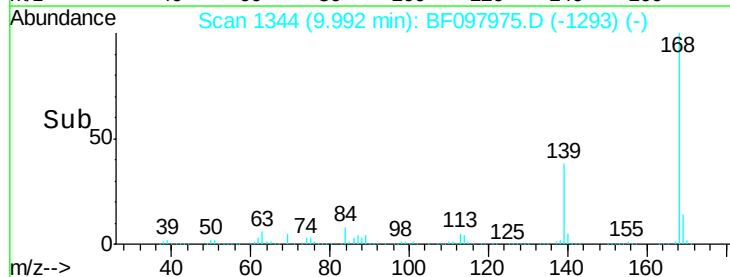
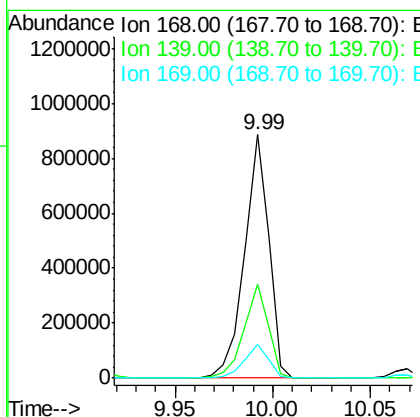
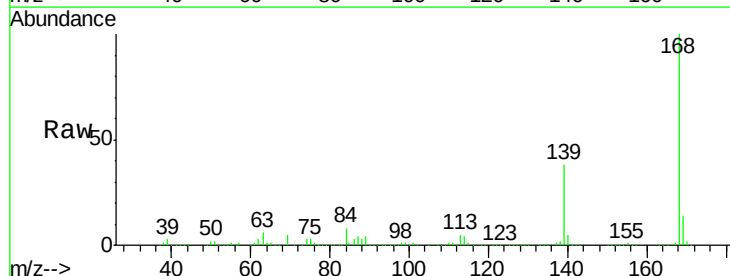
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

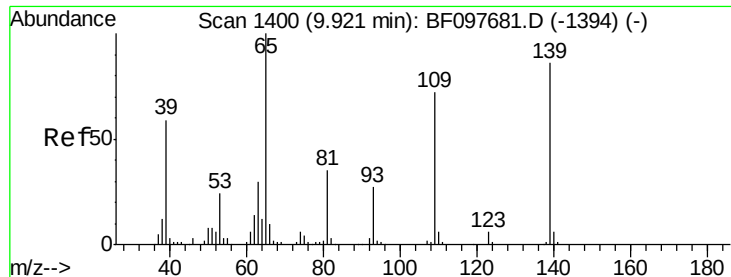
Tot Ion:184 Resp: 7736
 Ion Ratio Lower Upper
 184 100
 63 85.8 62.7 94.1
 154 70.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 41.06 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:168 Resp: 762292
 Ion Ratio Lower Upper
 168 100
 139 38.4 30.6 45.8
 169 13.7 10.8 16.2

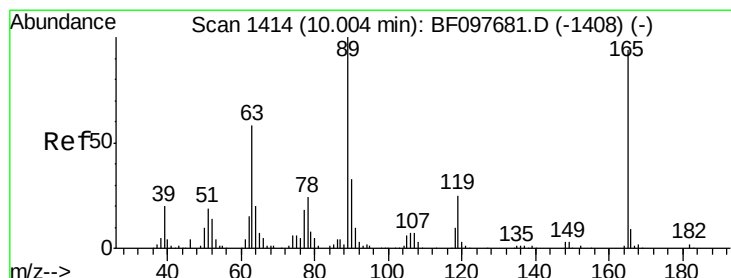
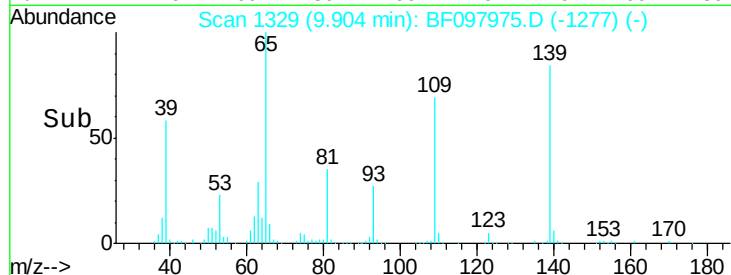
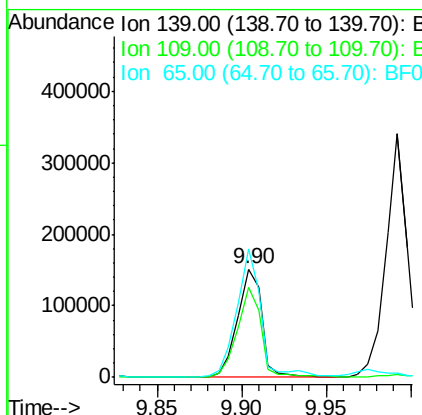
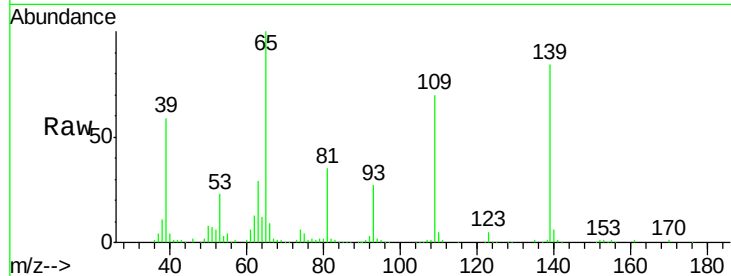




#55
4-Nitrophenol
Concen: 49.02 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

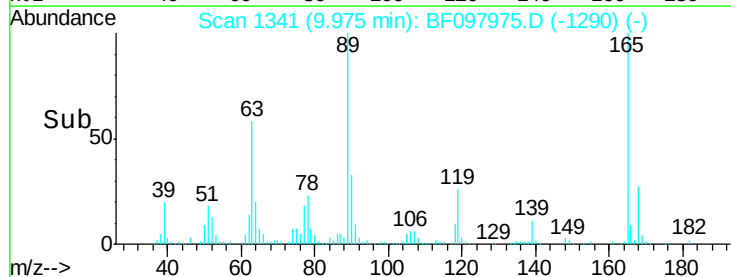
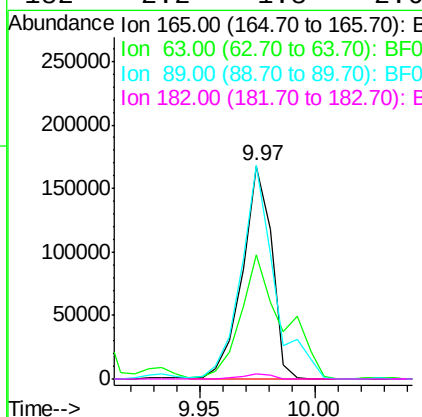
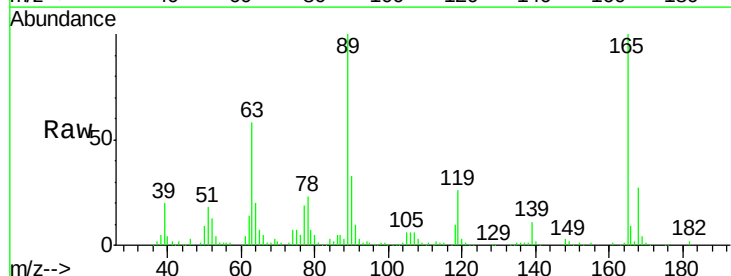
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

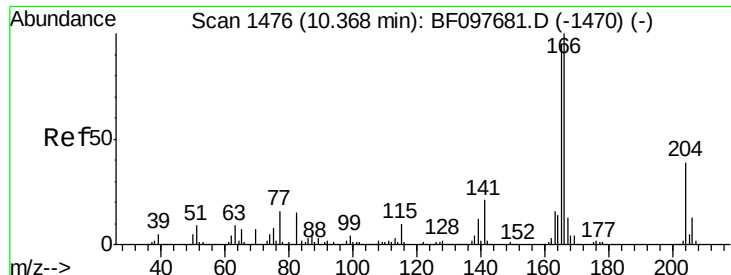
Tot Ion:139 Resp: 152817
Ion Ratio Lower Upper
139 100
109 82.9 34.1 74.1#
65 119.2 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.48 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:165 Resp: 150074
Ion Ratio Lower Upper
165 100
63 58.3 25.4 38.0#
89 100.3 46.4 69.6#
182 2.2 1.8 2.6

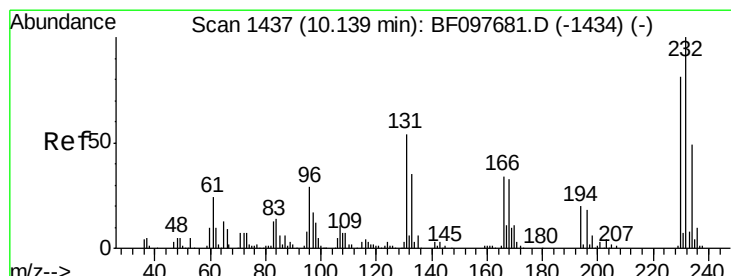
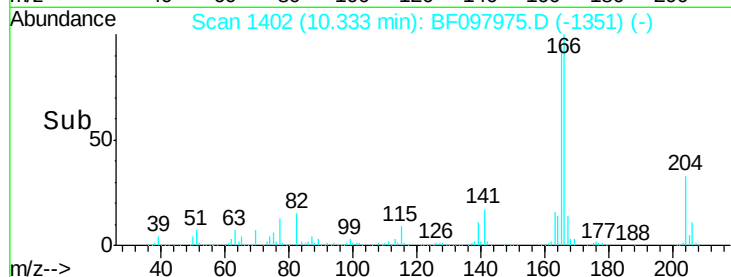
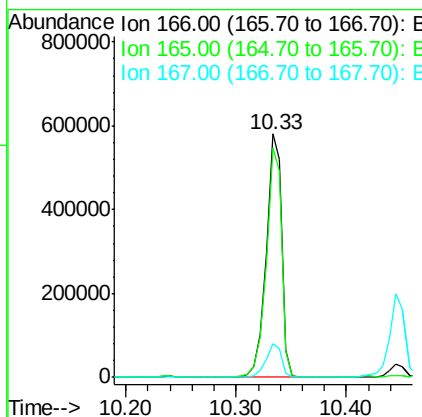
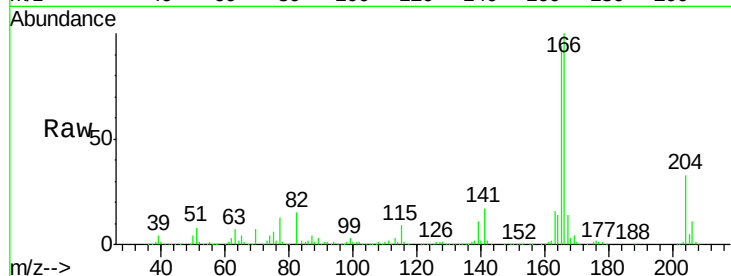




#57
 Fluorene
 Concen: 39.75 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

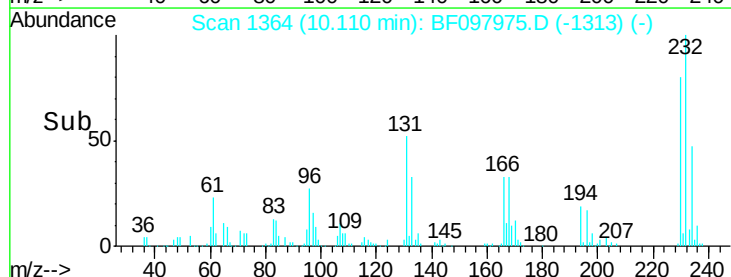
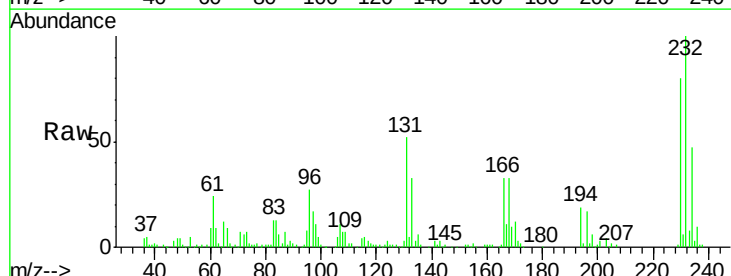
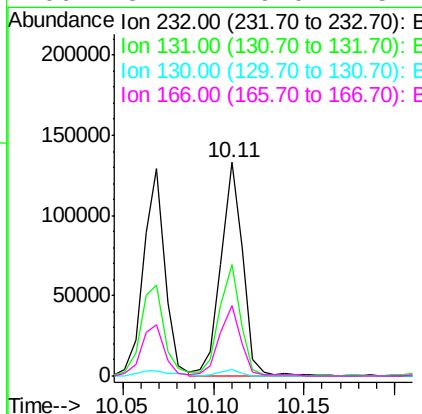
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

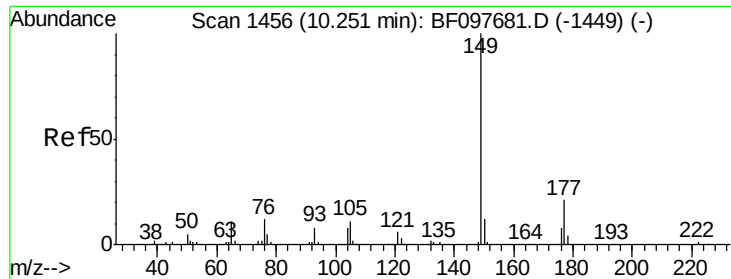
Tot Ion	Ratio	Lower	Upper
166	100		
165	94.3	78.8	118.2
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 34.23 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.5	44.8	67.2
130	2.7	2.3	3.5
166	32.7	29.0	43.4

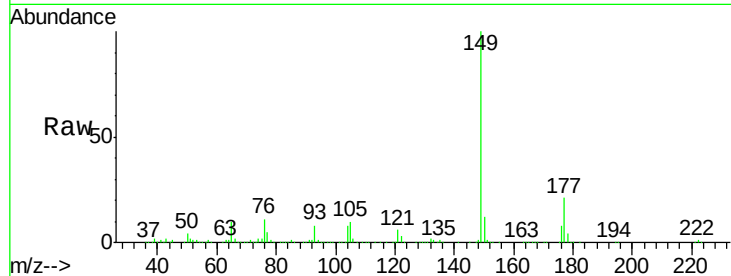




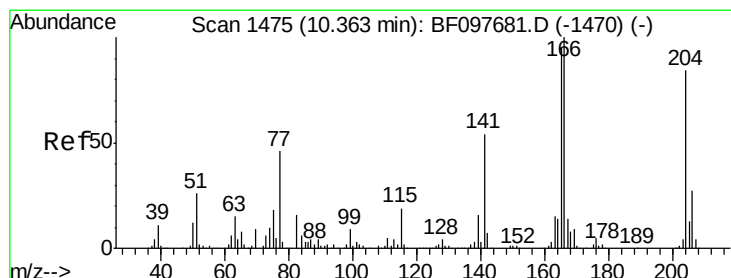
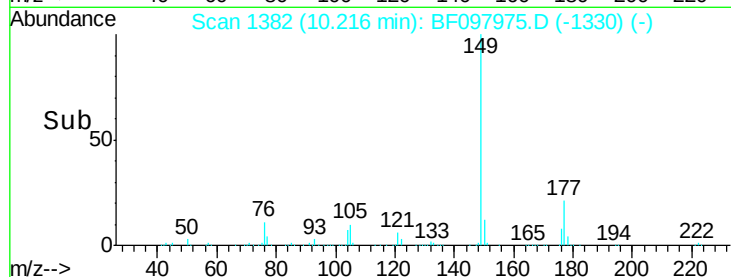
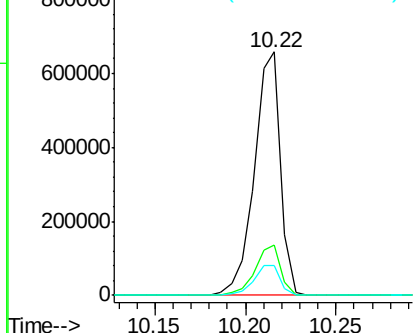
#59
Diethylphthalate
Concen: 41.37 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion:149 Resp: 656416
Ion Ratio Lower Upper
149 100
177 20.7 16.7 25.1
150 12.3 10.2 15.2

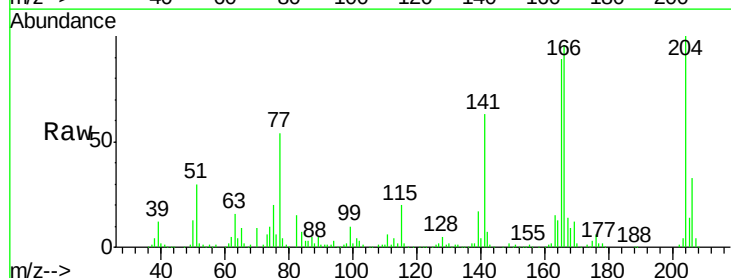


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

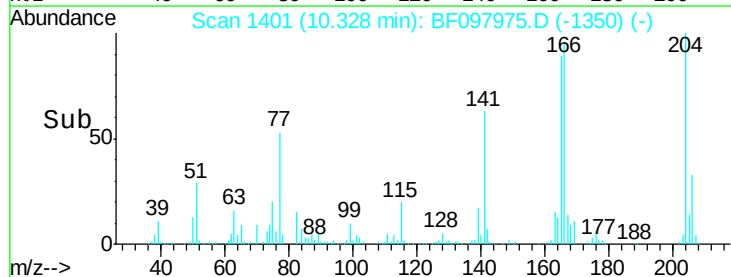
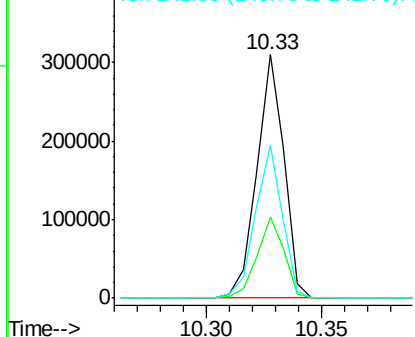


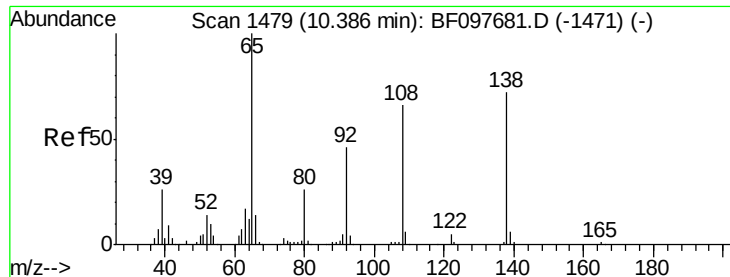
#60
4-Chlorophenyl-phenylether
Concen: 38.31 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:204 Resp: 255473
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 62.8 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

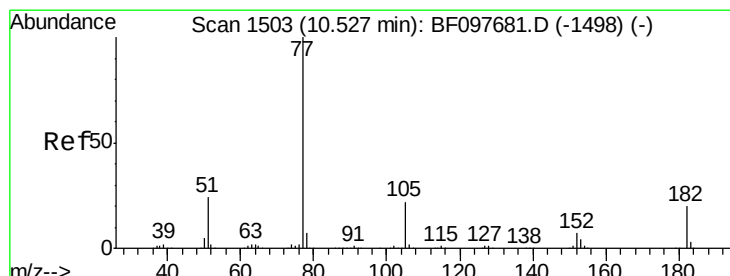
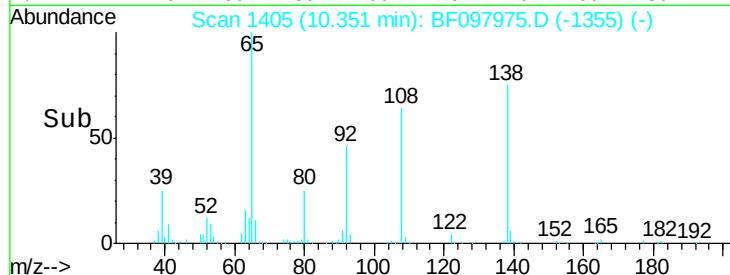
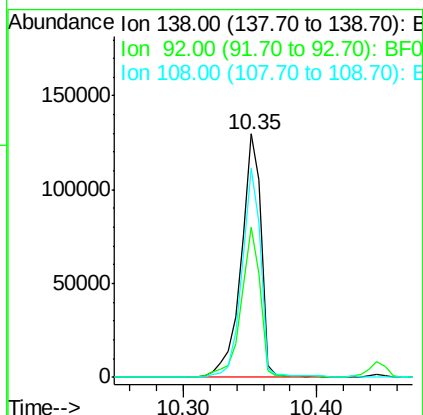
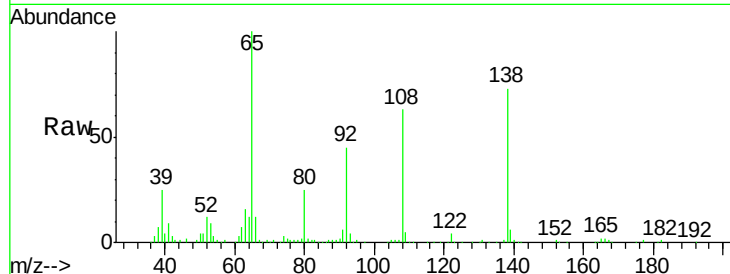




#61
4-Nitroaniline
Concen: 36.25 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

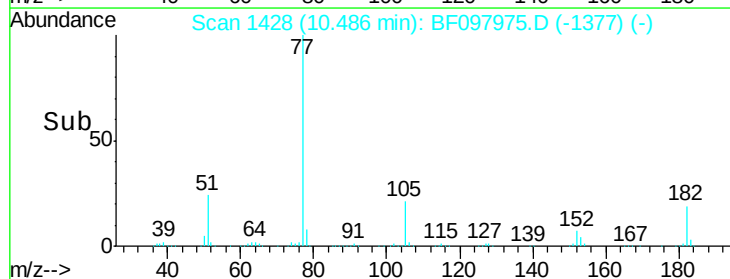
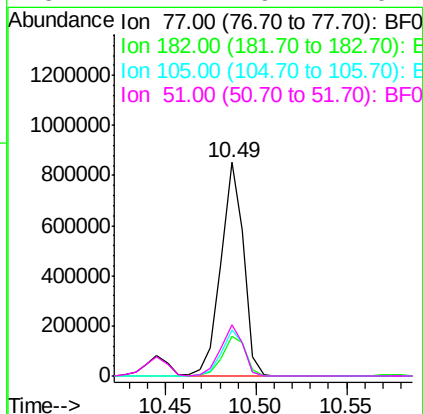
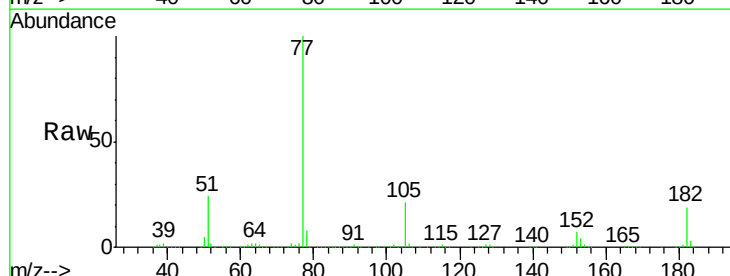
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

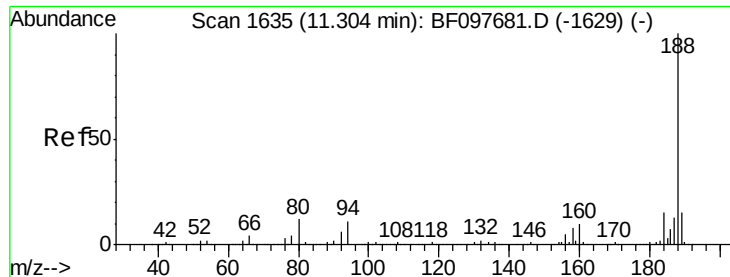
Tot Ion:138 Resp: 134641
Ion Ratio Lower Upper
138 100
92 61.7 21.8 61.8
108 85.8 42.3 82.3#



#62
Azobenzene
Concen: 39.20 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion: 77 Resp: 738821
Ion Ratio Lower Upper
77 100
182 18.5 0.1 40.1
105 21.4 3.6 43.6
51 24.2 9.4 49.4

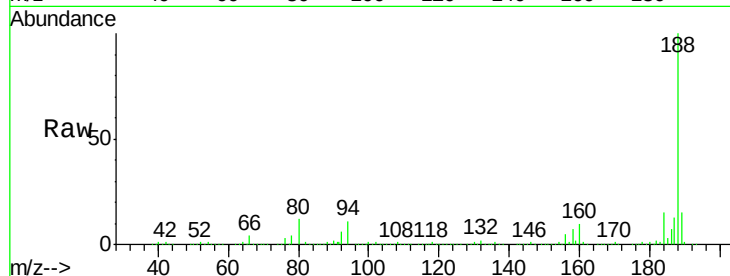




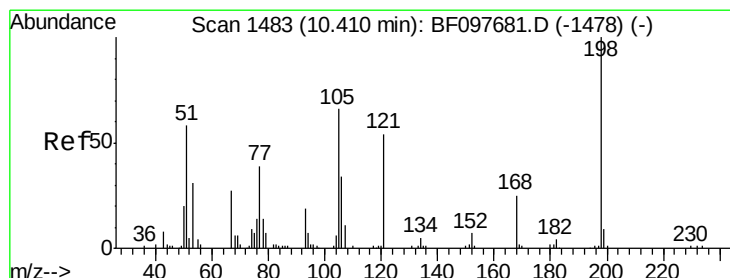
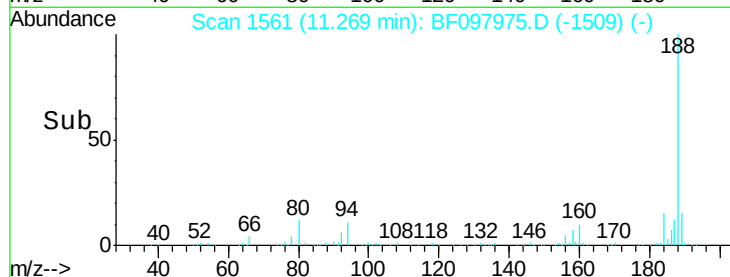
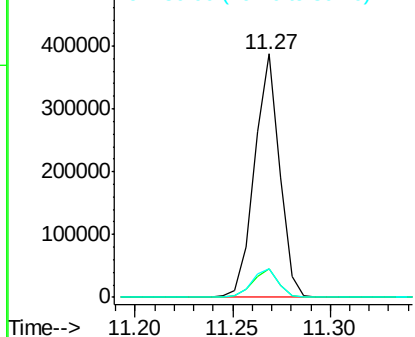
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

Tot Ion:188 Resp: 343091
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 11.8 10.2 15.2

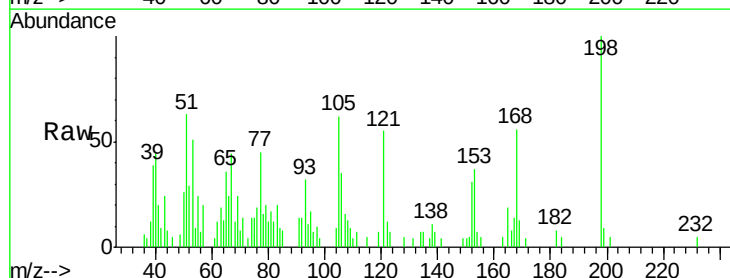


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

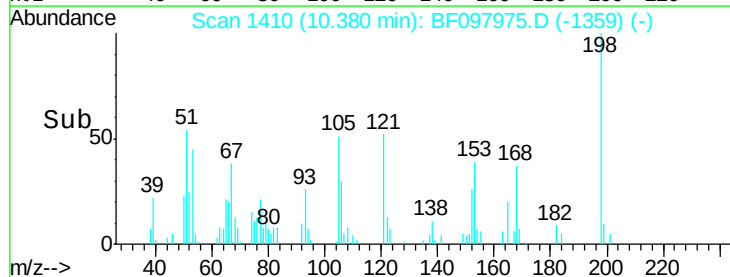
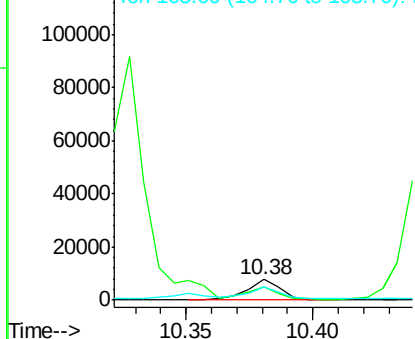


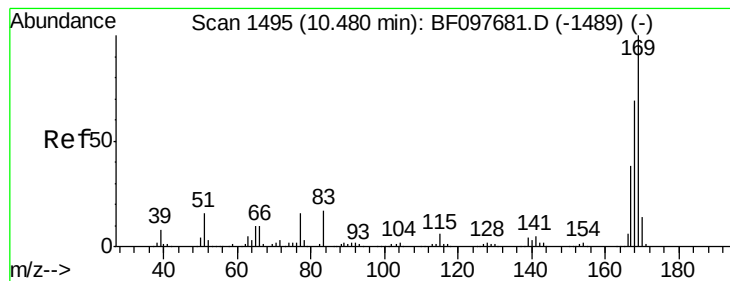
#64
4,6-Dinitro-2-methylphenol
Concen: 11.99 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:198 Resp: 7182
Ion Ratio Lower Upper
198 100
51 62.9 53.2 93.2
105 61.9 45.8 85.8



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

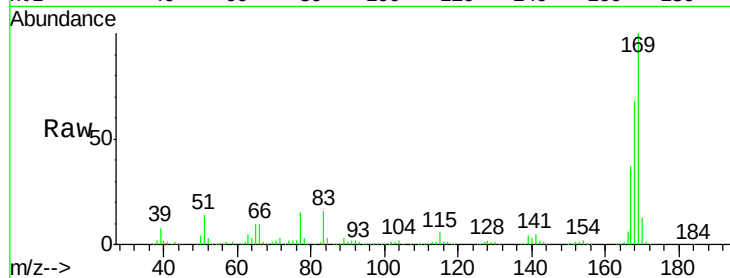




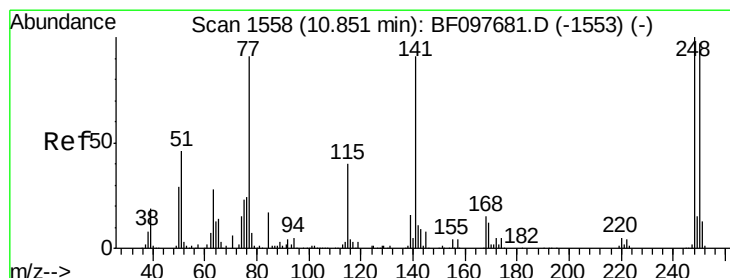
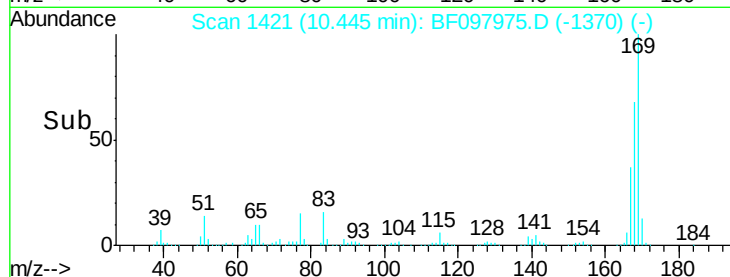
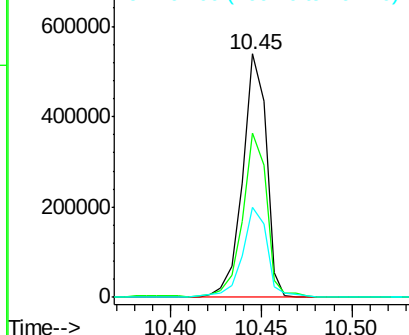
#65
 n-Nitrosodiphenylamine
 Concen: 41.76 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion:169 Resp: 487941
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 36.7 29.5 44.3

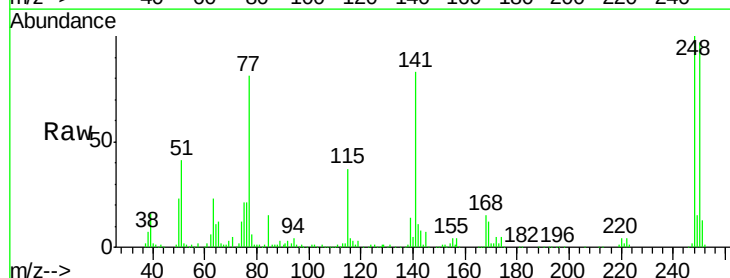


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

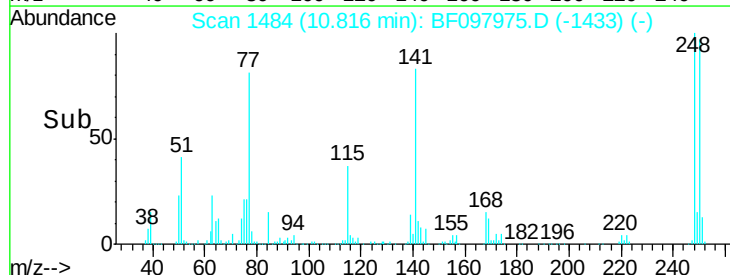
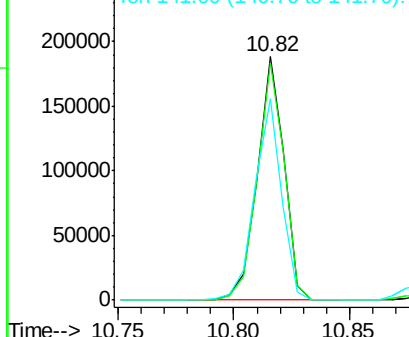


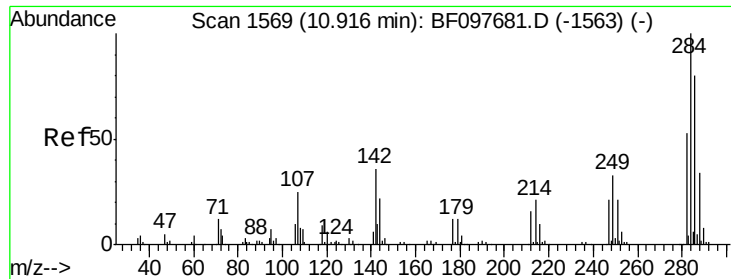
#66
 4-Bromophenyl-phenylether
 Concen: 42.59 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:248 Resp: 151752
 Ion Ratio Lower Upper
 248 100
 250 97.3 76.8 115.2
 141 82.5 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.75 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

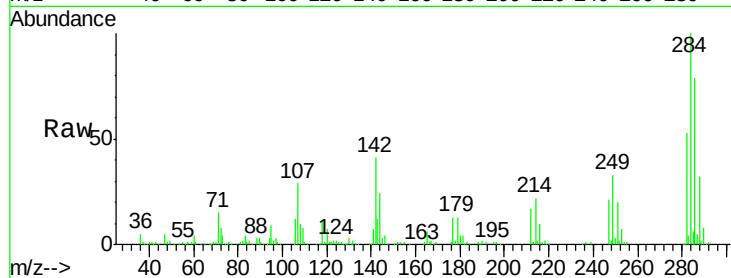
Tot Ion:284 Resp: 140704

Ion Ratio Lower Upper

284 100

142 41.5 22.8 34.2#

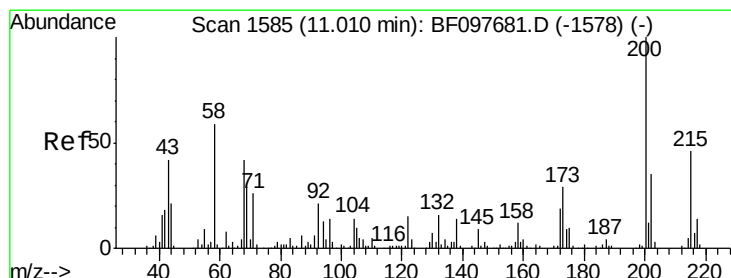
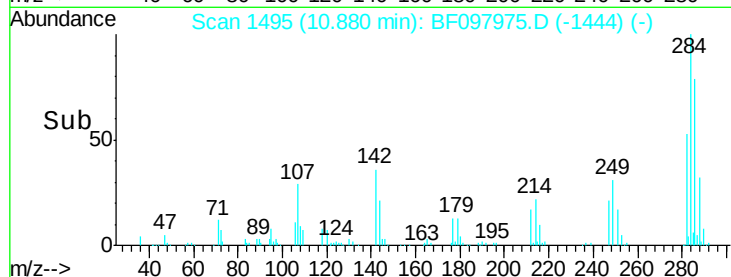
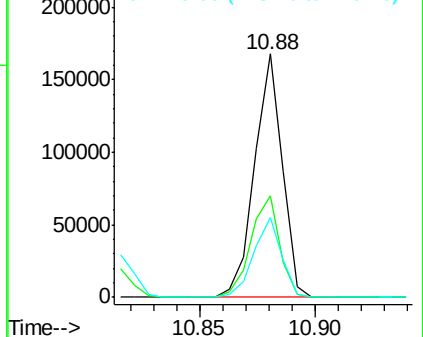
249 32.7 24.0 36.0



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: 43.10 ng

RT: 10.97 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

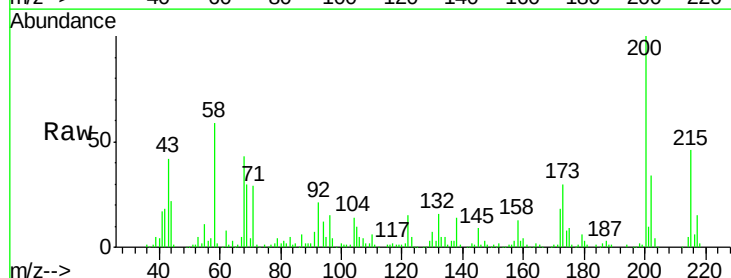
Tgt Ion:200 Resp: 133551

Ion Ratio Lower Upper

200 100

173 29.8 6.3 46.3

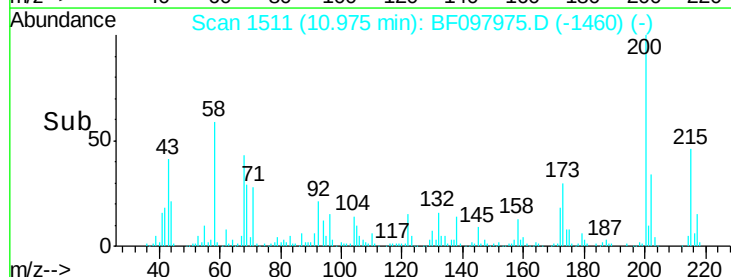
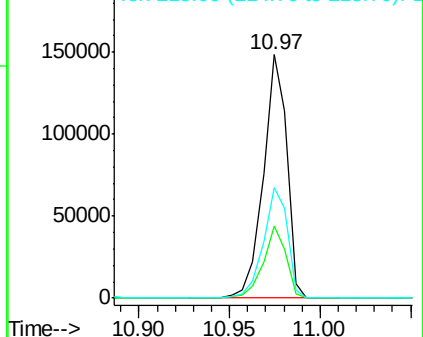
215 45.6 27.2 67.2

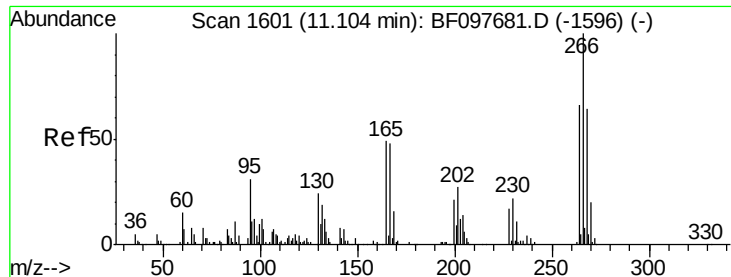


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

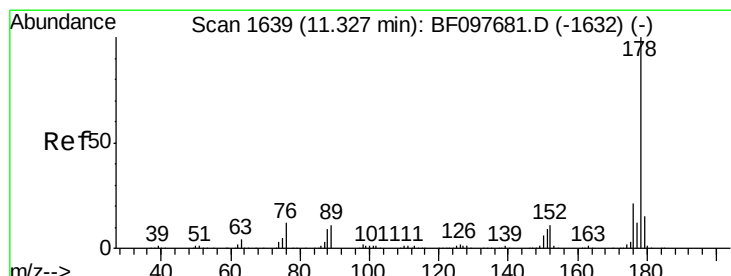
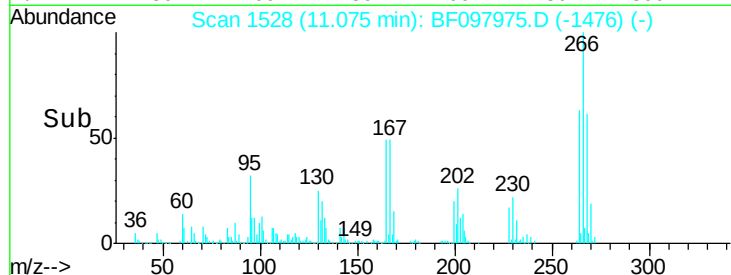
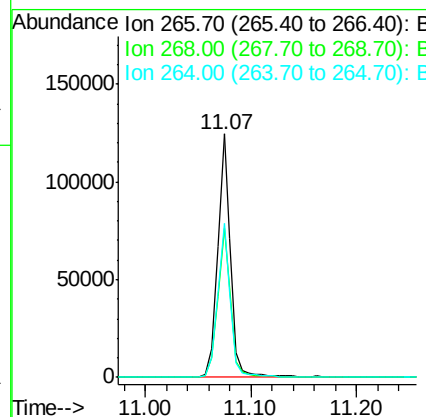
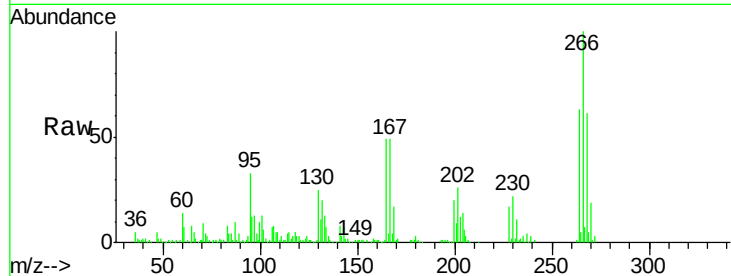




#69
 Pentachlorophenol
 Concen: 51.20 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

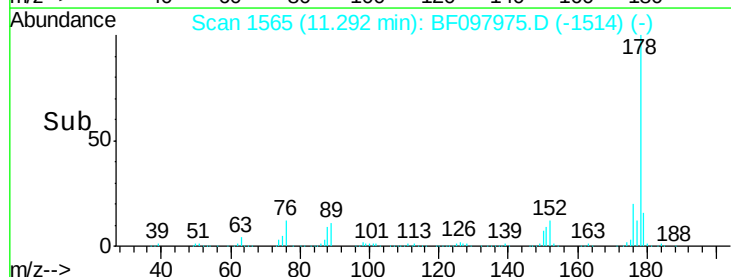
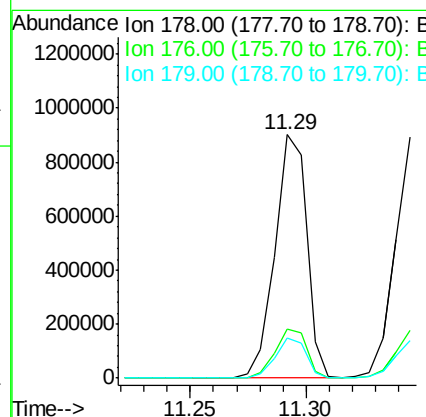
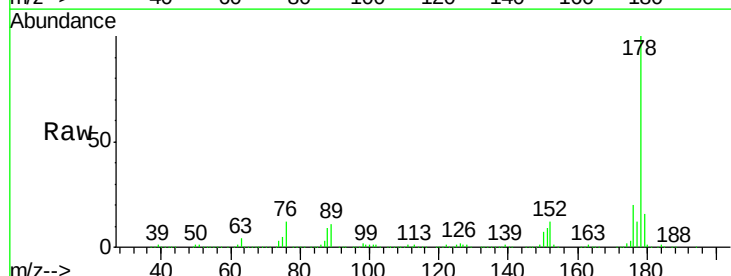
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

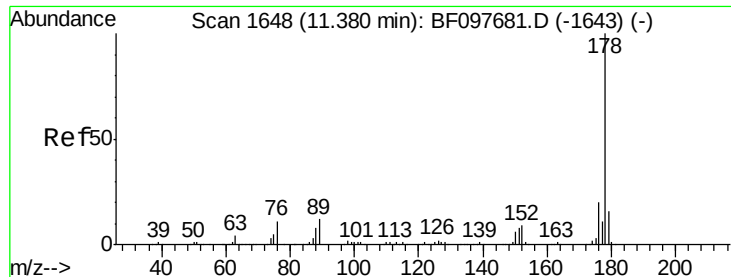
Tot Ion:266 Resp: 108410
 Ion Ratio Lower Upper
 266 100
 268 61.2 51.1 76.7
 264 63.2 51.7 77.5



#70
 Phenanthrene
 Concen: 47.27 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:178 Resp: 864151
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 16.3 12.6 19.0





#71

Anthracene

Concen: 41.49 ng

RT: 11.35 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

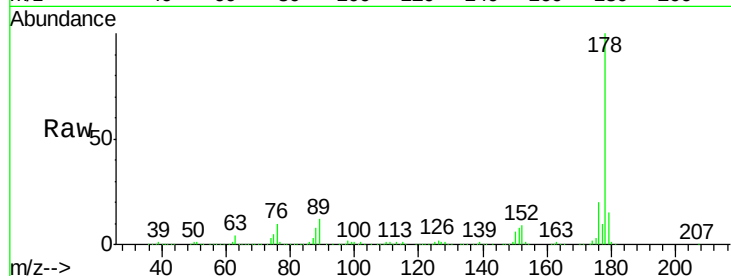
Tot Ion:178 Resp: 769380

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

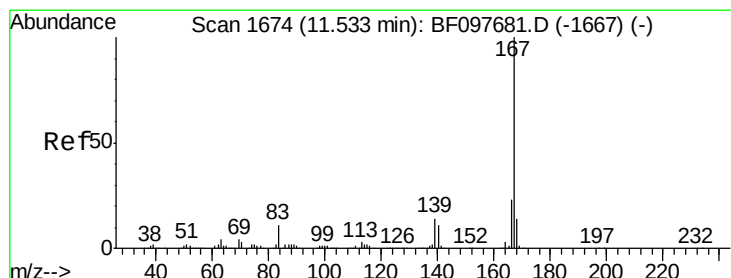
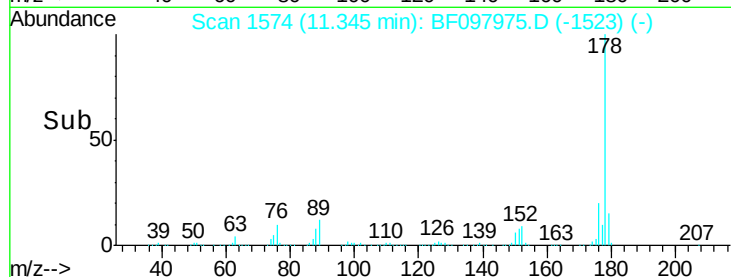
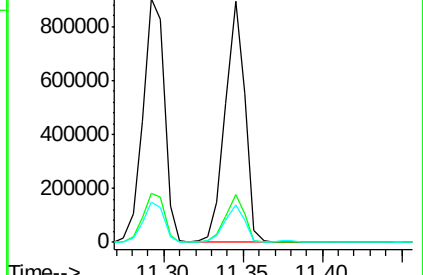
179 15.5 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.49 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

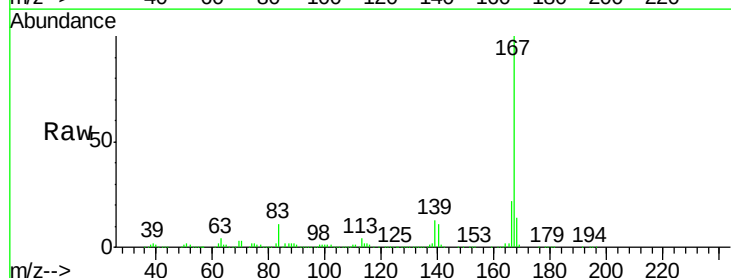
Tgt Ion:167 Resp: 642324

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

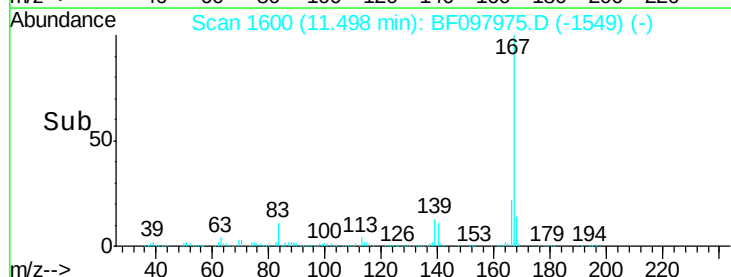
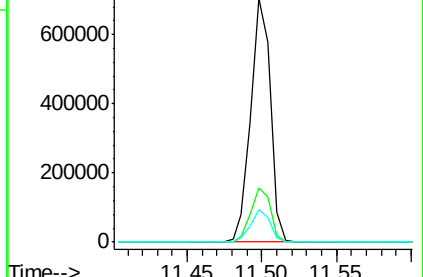
139 13.5 11.7 17.5

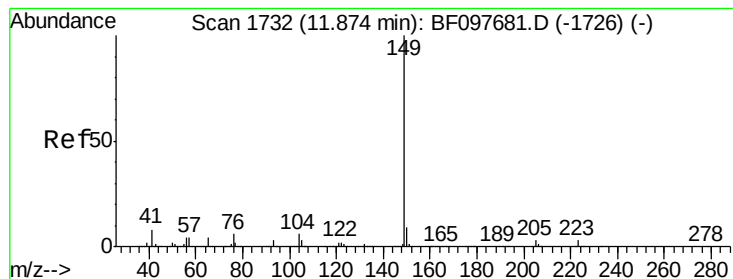


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.41 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

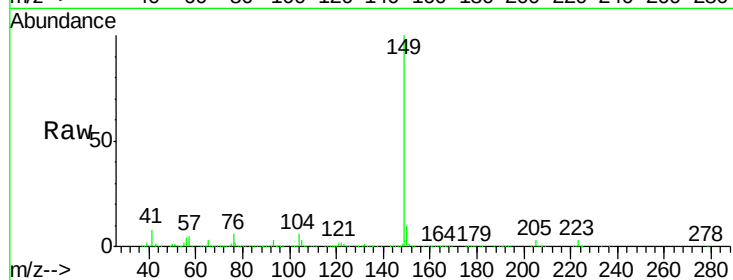
Tot Ion:149 Resp: 940934

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

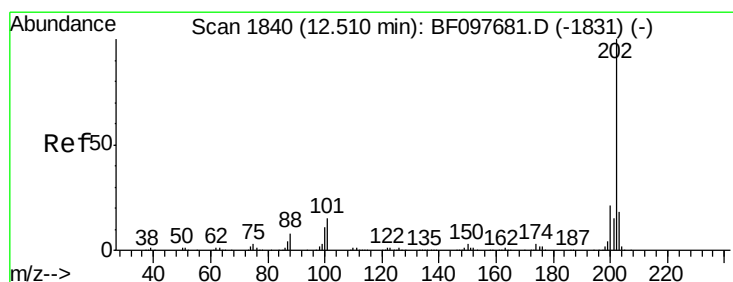
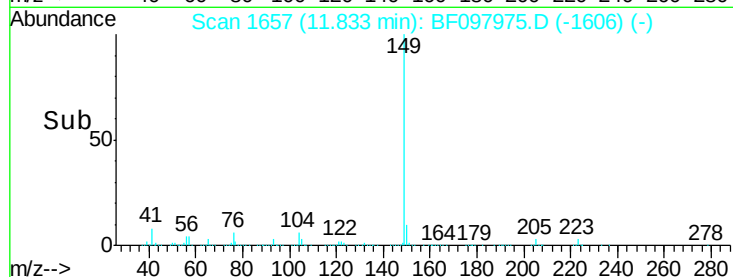
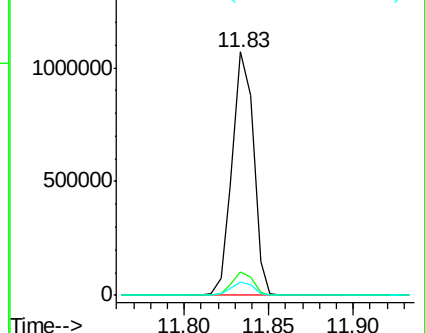
104 5.6 4.0 6.0



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: 44.02 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

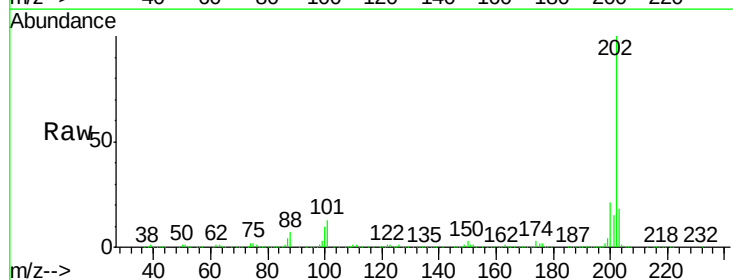
Tgt Ion:202 Resp: 840088

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

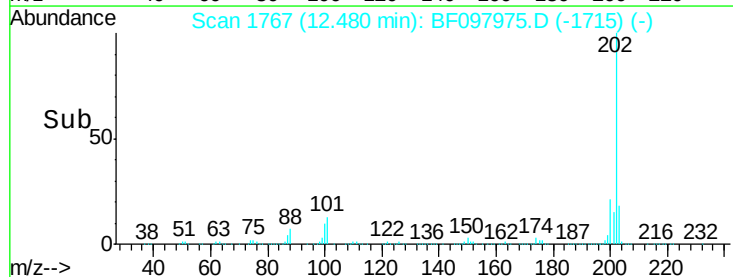
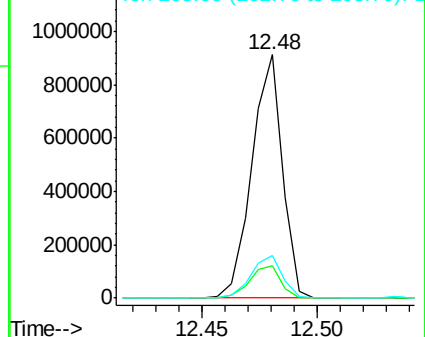
203 17.7 0.0 38.1

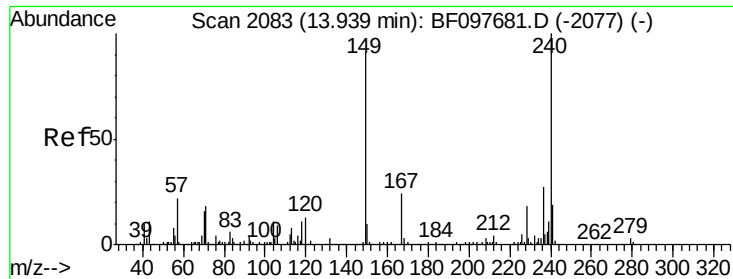


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

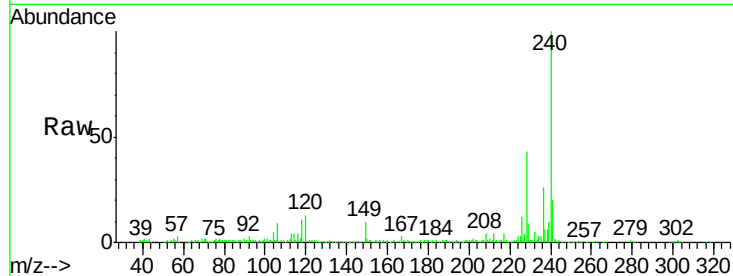
Tot Ion:240 Resp: 246408

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

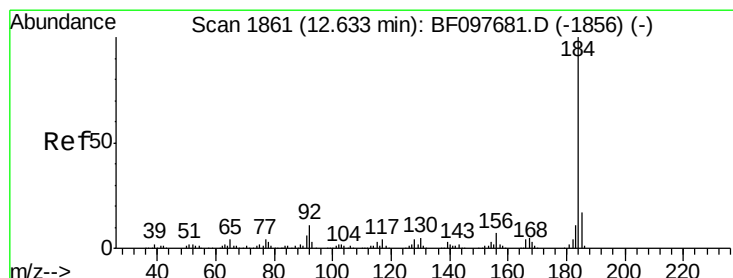
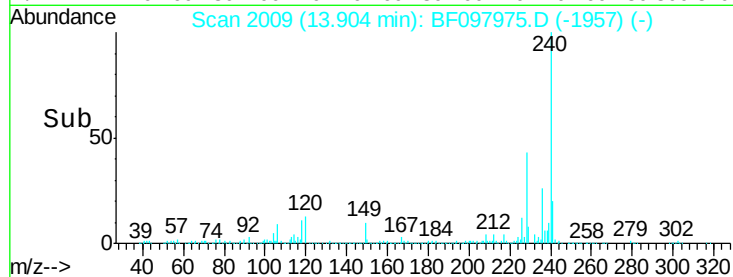
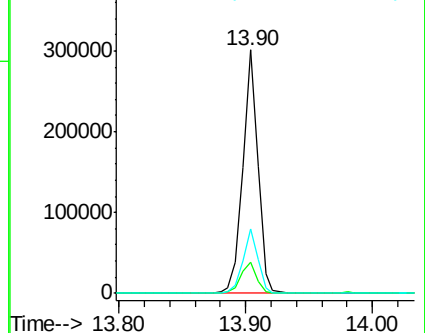
236 26.4 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.93 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

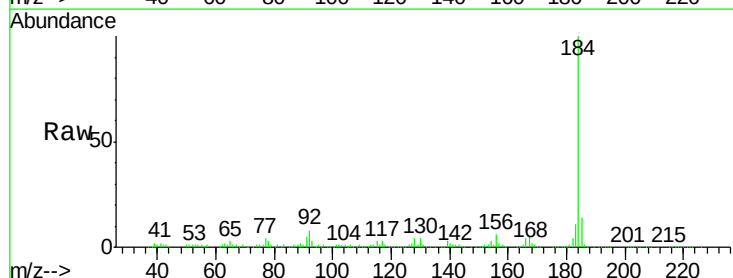
Tgt Ion:184 Resp: 266028

Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

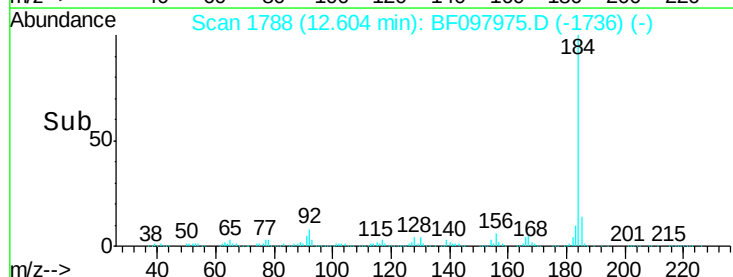
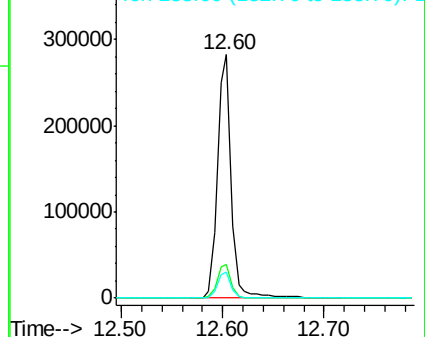
183 10.5 9.8 14.6

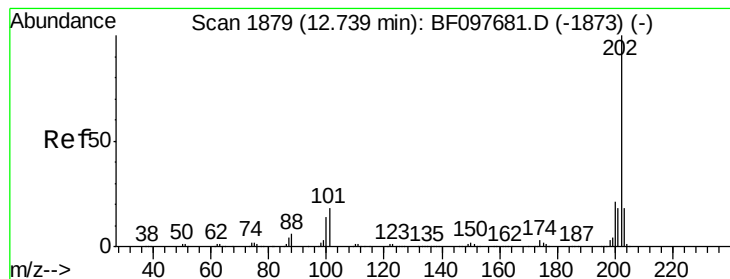


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.04 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

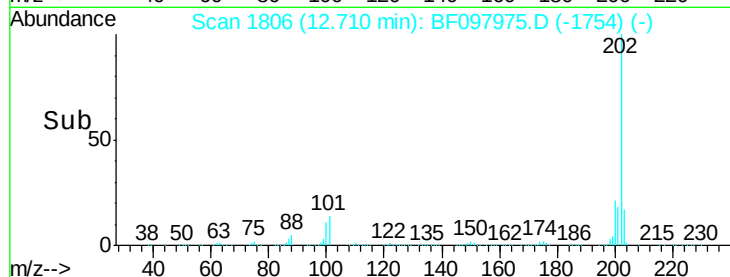
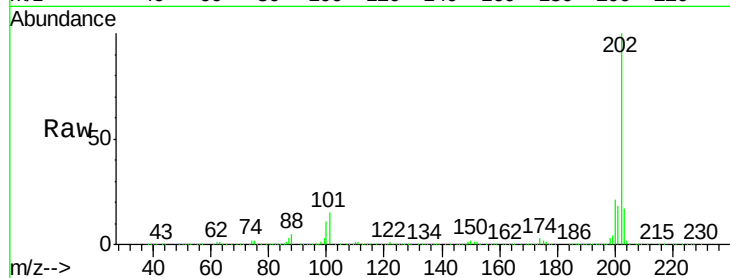
Tot Ion:202 Resp: 867301

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

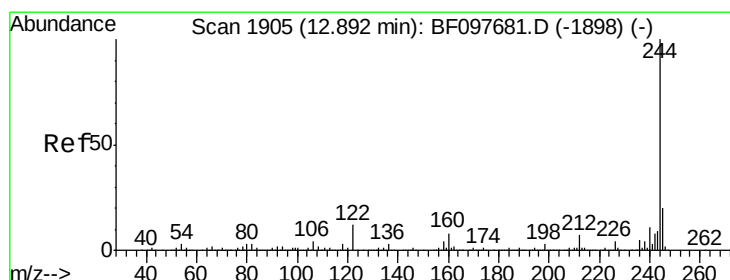
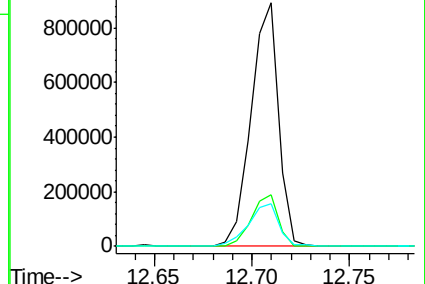
203 17.4 14.4 21.6



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: 63.64 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

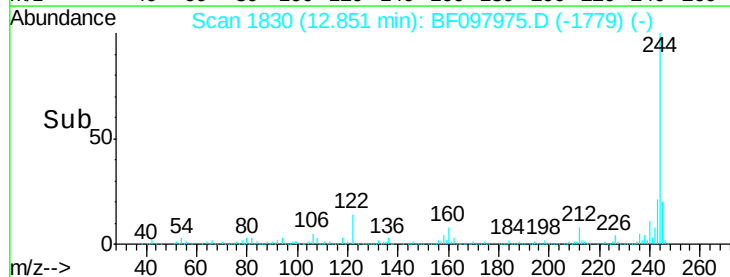
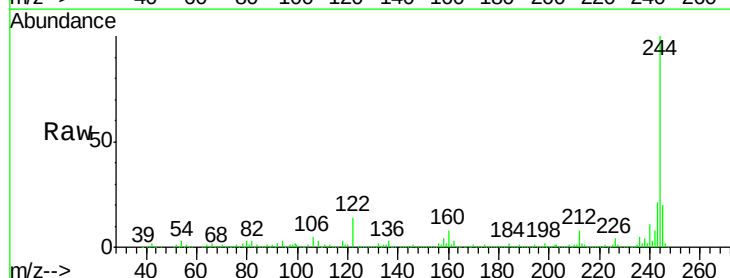
Tgt Ion:244 Resp: 751994

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

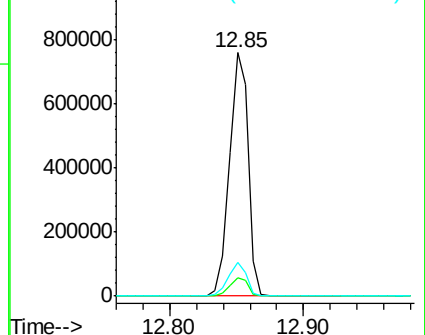
122 13.9 10.3 15.5

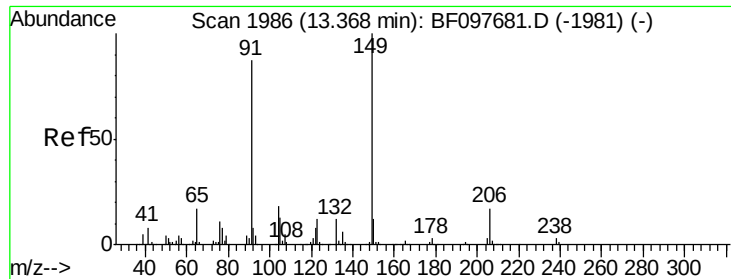


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.48 ng

RT: 13.33 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

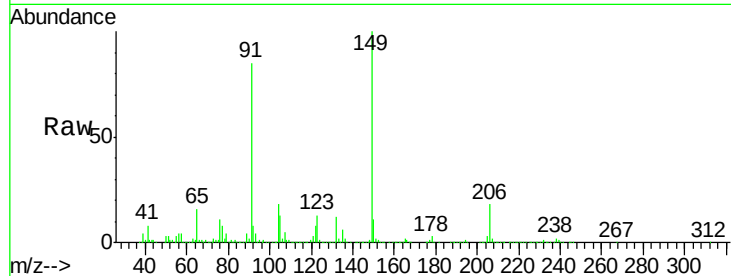
Tot Ion:149 Resp: 335972

Ion Ratio Lower Upper

149 100

91 84.7 45.0 67.4#

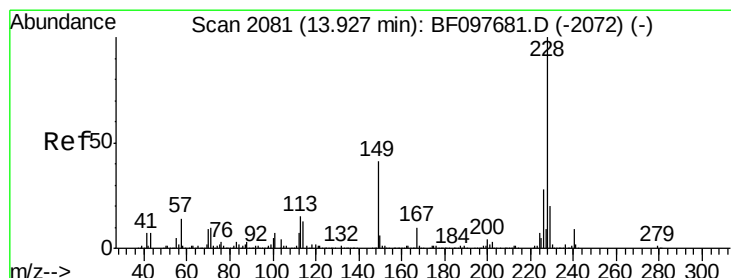
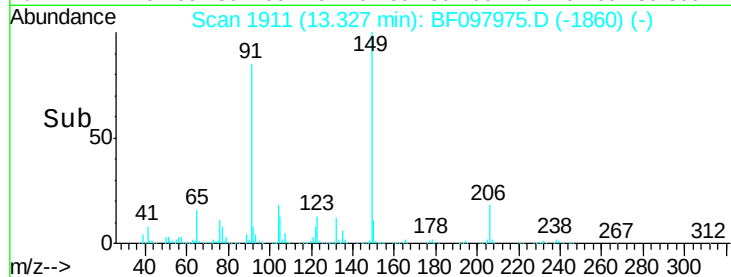
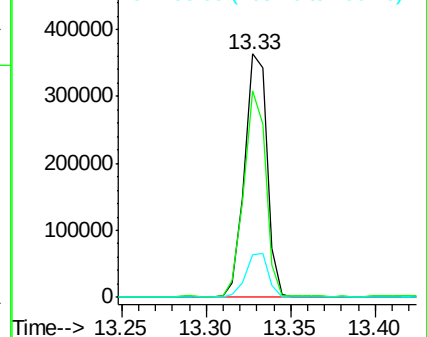
206 17.7 17.0 25.6



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: 43.30 ng

RT: 13.89 min Scan# 2007

Delta R.T. 0.01 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

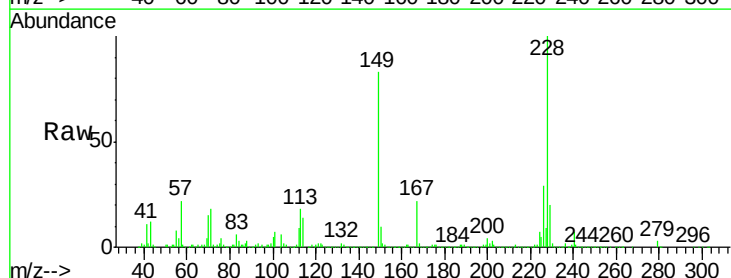
Tgt Ion:228 Resp: 639407

Ion Ratio Lower Upper

228 100

226 29.4 22.6 33.8

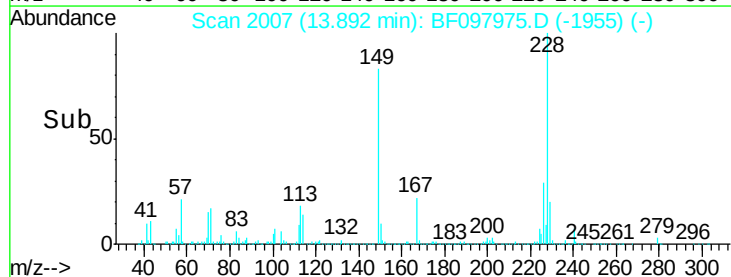
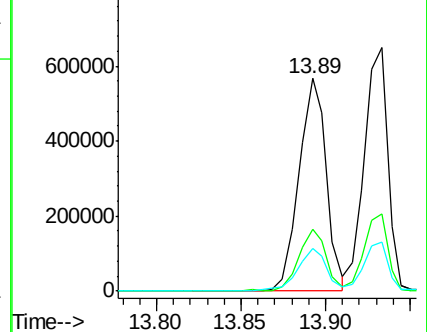
229 20.4 16.3 24.5

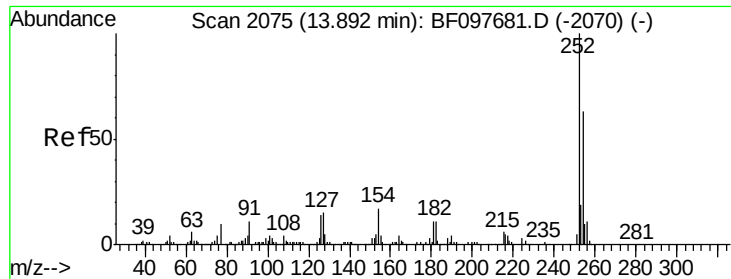


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

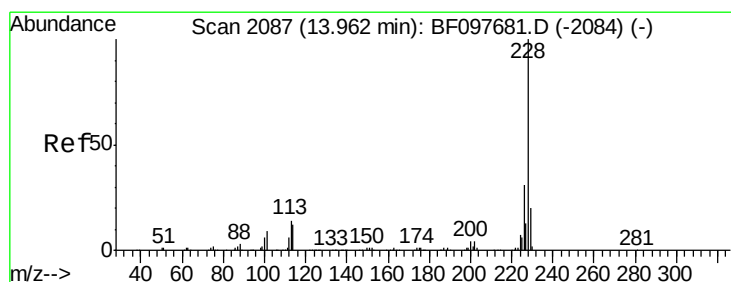
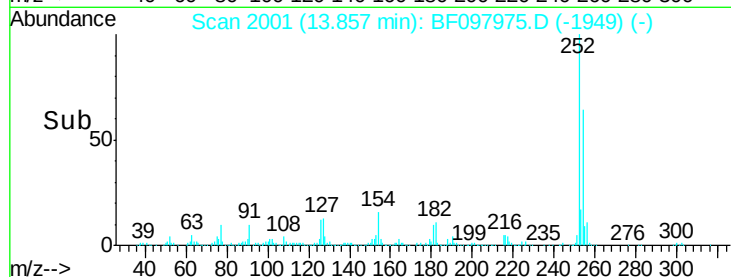
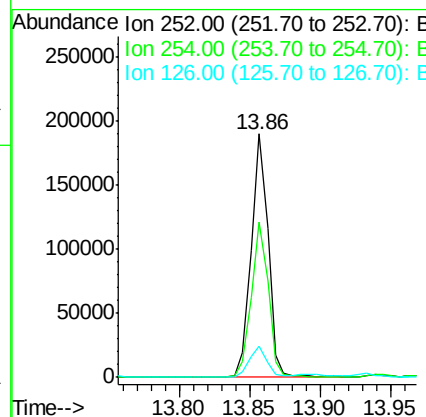
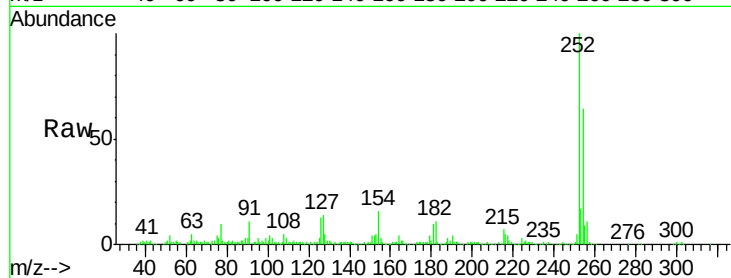




#81
 3,3'-Dichlorobenzidine
 Concen: 32.23 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

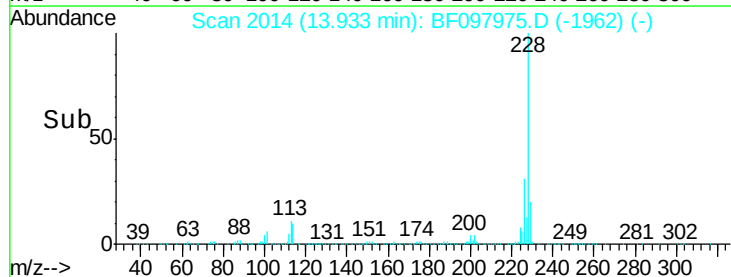
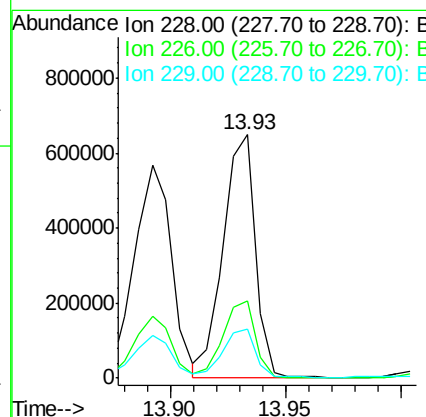
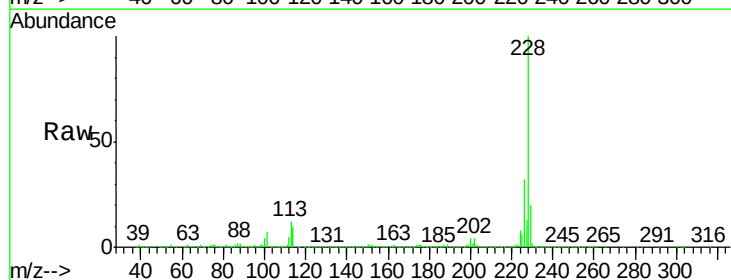
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

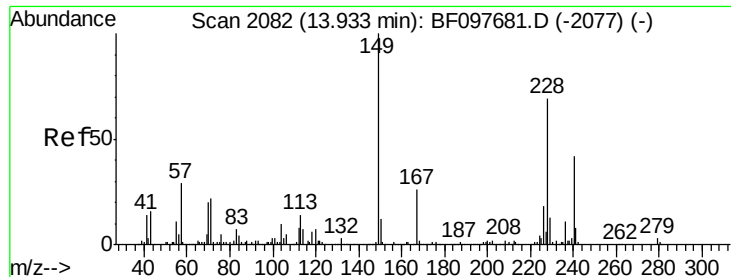
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.5	77.3
126	12.7	15.8	23.8#



#82
 Chrysene
 Concen: 42.48 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.4	15.8	23.6

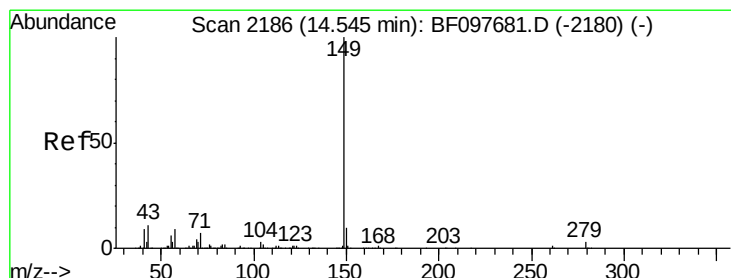
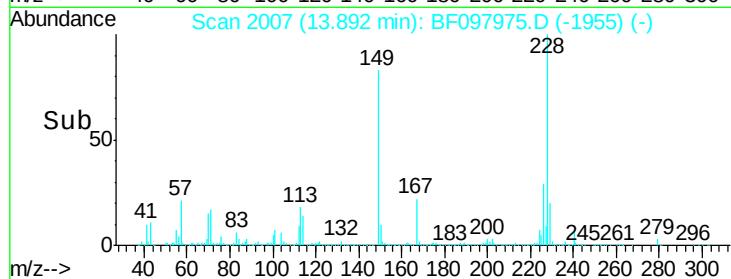
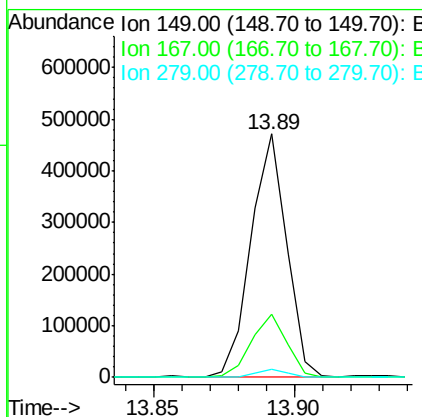
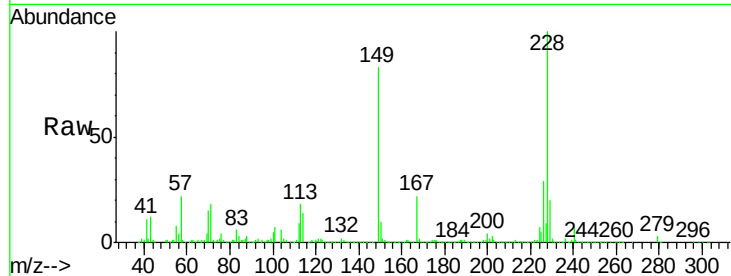




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.99 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

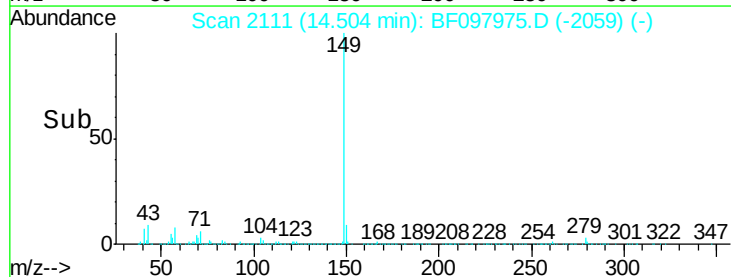
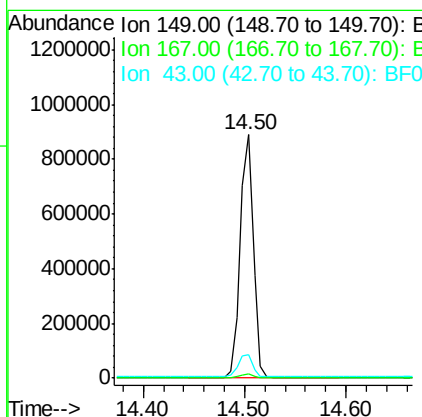
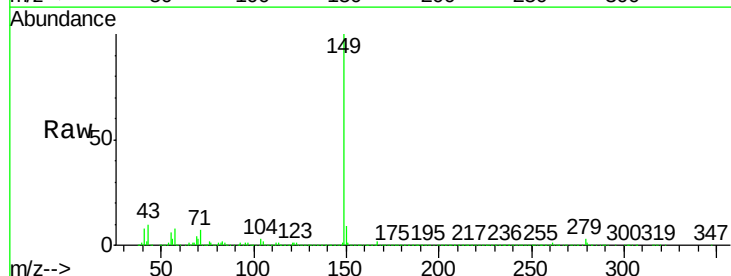
Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

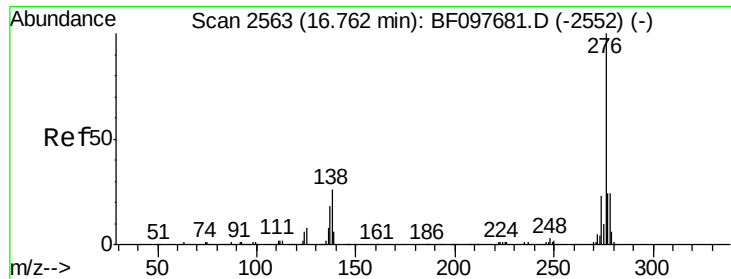
Tot Ion:149 Resp: 410882
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.0 31.4
 279 3.1 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 53.86 ng
 RT: 14.50 min Scan# 2111
 Delta R.T. 0.01 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion:149 Resp: 802447
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 10.2 8.5 12.7

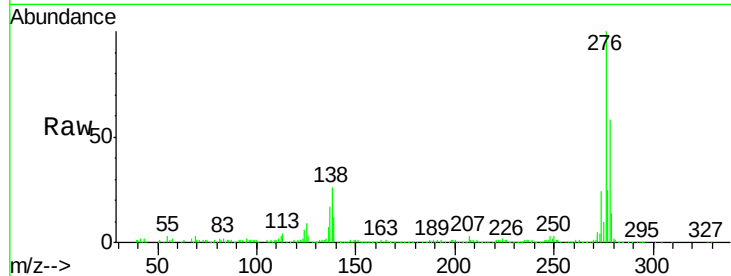




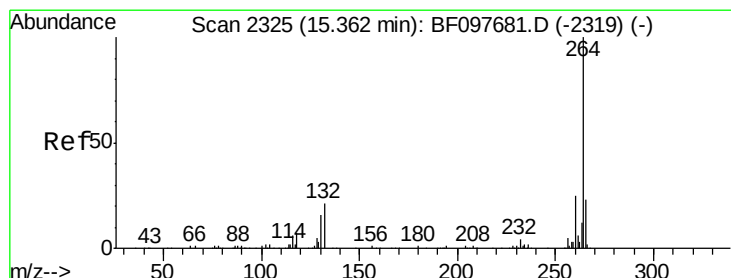
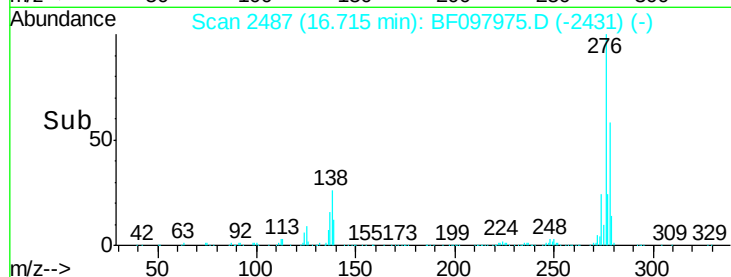
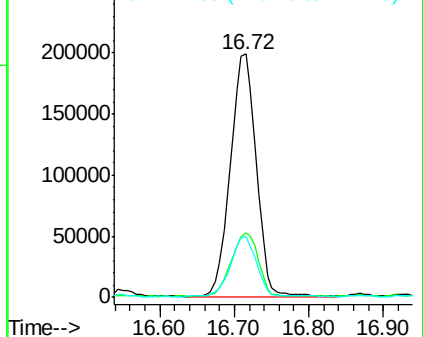
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.15 ng
 RT: 16.72 min Scan# 2487
 Delta R.T. 0.03 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Instrument :
 BNA_F
 ClientSampleId :
 SP-5-6MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	27.8	41.6
277	24.6	20.2	30.4

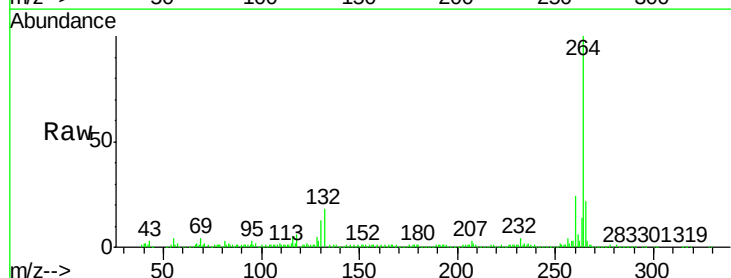


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

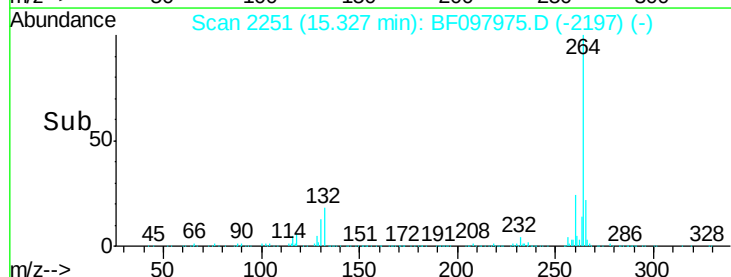
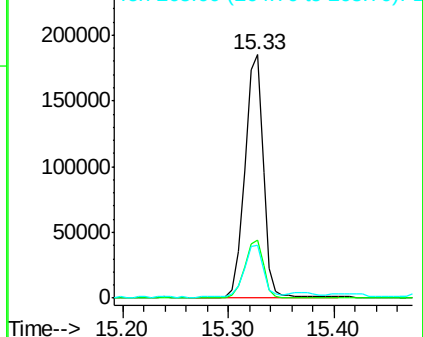


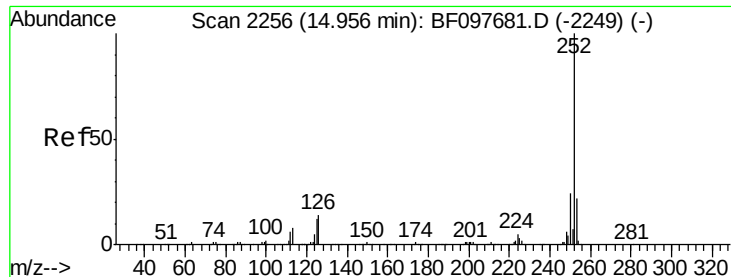
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.02 min
 Lab File: BF097975.D
 Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.9	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

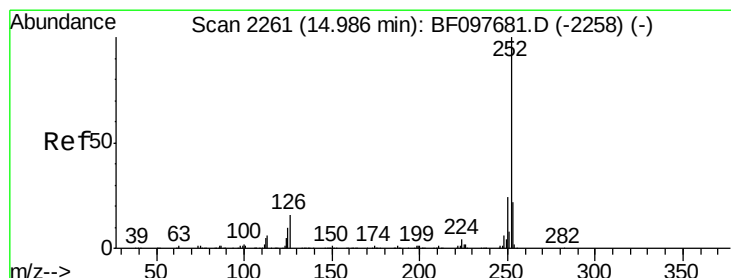
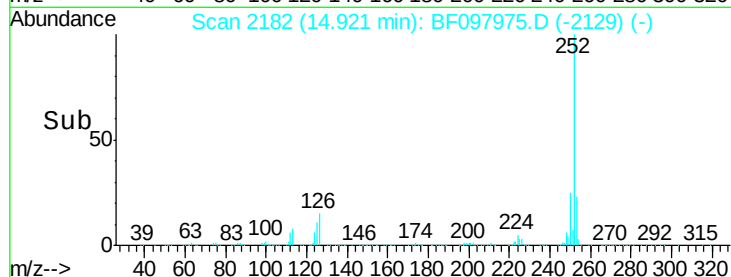
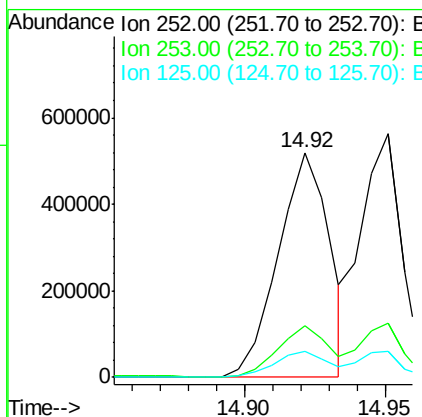
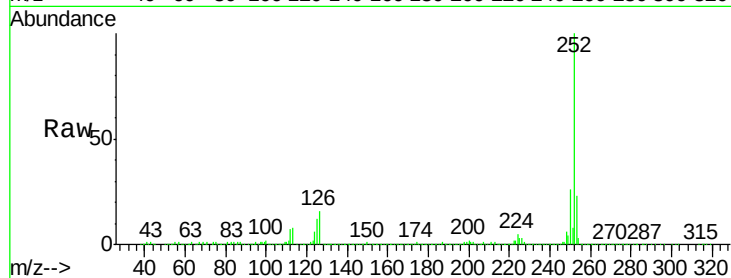




#87
Benzo(b)fluoranthene
Concen: 45.89 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

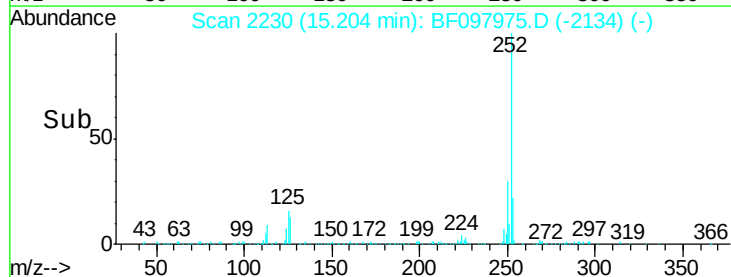
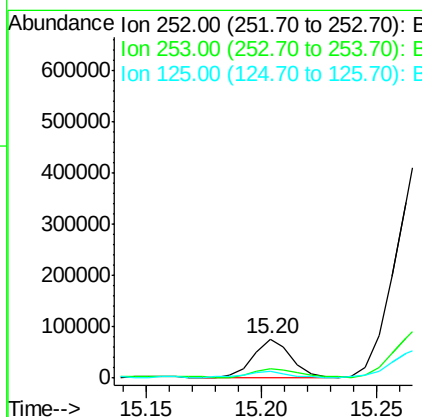
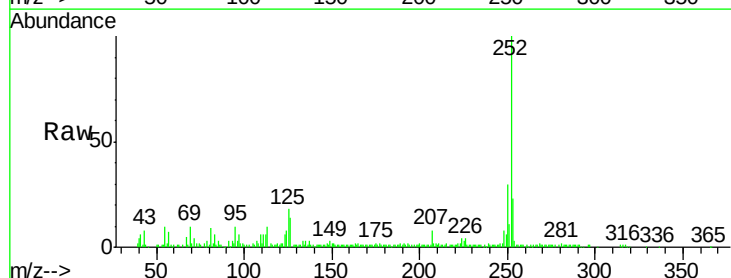
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

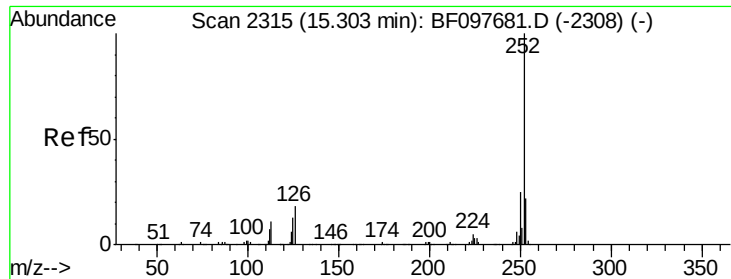
Tot Ion:252 Resp: 652521
Ion Ratio Lower Upper
252 100
253 22.9 18.1 27.1
125 11.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 6.17 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.26 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion:252 Resp: 82375
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 18.4 13.1 19.7

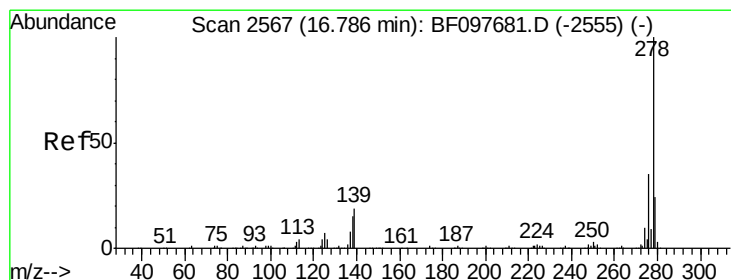
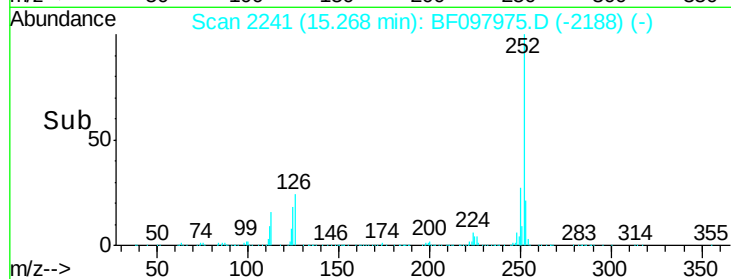
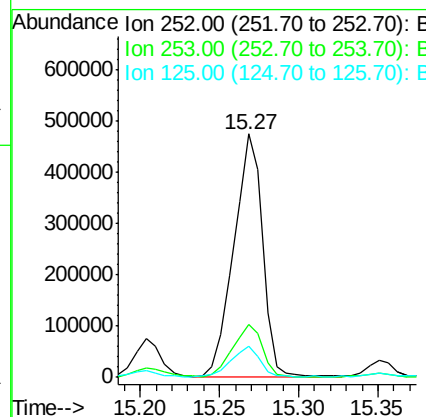
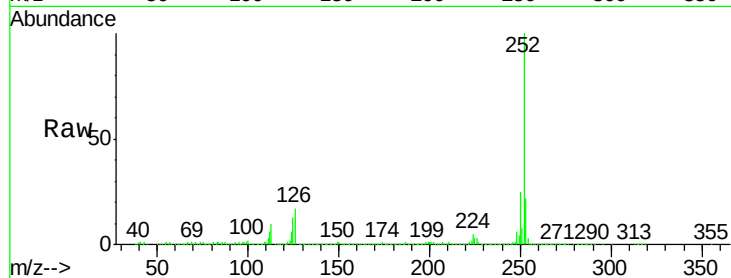




#89
Benzo(a)pyrene
Concen: 47.23 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

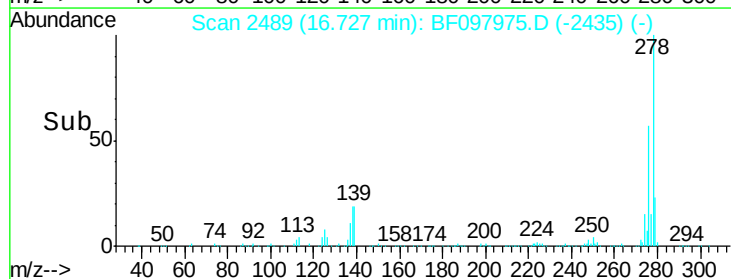
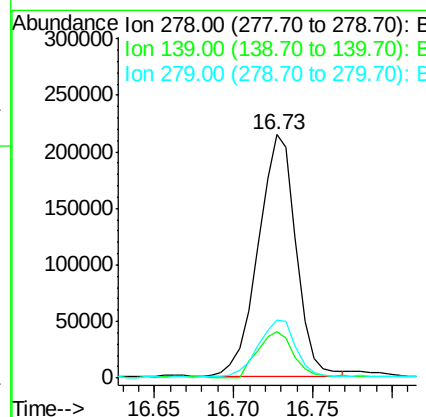
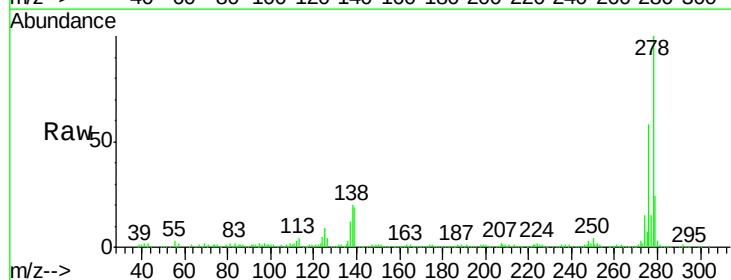
Instrument :
BNA_F
ClientSampleId :
SP-5-6MS

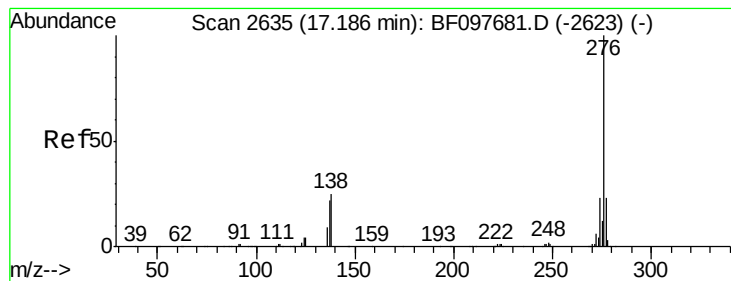
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	12.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 34.66 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.02 min
Lab File: BF097975.D
Acq: 23 Aug 2017 1:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	24.8
279	23.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 36.22 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF097975.D

Acq: 23 Aug 2017 1:20

Instrument :

BNA_F

ClientSampleId :

SP-5-6MS

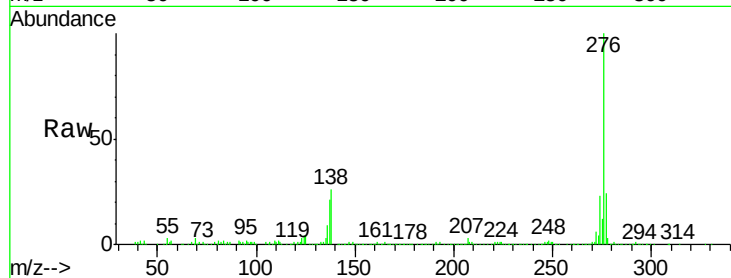
Tot Ion: 276 Resp: 387248

Ion Ratio Lower Upper

276 100

277 23.7 18.6 28.0

138 25.8 25.4 38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

