

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
 Data File : BF097839.D
 Acq On : 18 Aug 2017 18:10
 Operator : SJ/JU
 Sample : PB101579BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

Quant Time: Aug 19 00:10:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	148519	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	589435	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	266378	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	523167	20.00	ng	0.00
75) Chrysene-d12	13.93	240	412199	20.00	ng	0.00
86) Perylene-d12	15.36	264	337983	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1181389	120.99	ng	0.00
7) Phenol-d6	6.42	99	1605816	121.04	ng	0.00
23) Nitrobenzene-d5	7.34	82	1009374	93.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	303241	131.20	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1448050	79.87	ng	0.00
78) Terphenyl-d14	12.89	244	1284086	64.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	195171	35.84	ng	90
3) Pyridine	3.26	79	569555	37.83	ng	89
4) n-Nitrosodimethylamine	3.22	42	234828	40.54	ng	84
6) Aniline	6.44	93	379952	20.39	ng	97
8) 2-Chlorophenol	6.56	128	408457	39.67	ng	97
9) Benzaldehyde	6.32	77	199311	23.72	ng	89
10) Phenol	6.43	94	589715	38.01	ng	95
11) bis(2-Chloroethyl)ether	6.52	93	461548	39.41	ng	96
12) 1,3-Dichlorobenzene	6.72	146	410923	37.10	ng	# 94
13) 1,4-Dichlorobenzene	6.79	146	416136	36.94	ng	# 94
14) 1,2-Dichlorobenzene	6.95	146	381256	36.70	ng	98
15) Benzyl Alcohol	6.92	79	410126	41.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	595830	37.81	ng	91
17) 2-Methylphenol	7.03	107	381403	42.03	ng	95
18) Hexachloroethane	7.29	117	172818	39.13	ng	# 82
19) n-Nitroso-di-n-propylamine	7.20	70	336393	37.04	ng	90
20) 3+4-Methylphenols	7.19	107	437014	39.43	ng	95
22) Acetophenone	7.19	105	593645	38.12	ng	# 93
24) Nitrobenzene	7.36	77	532687	44.09	ng	91
25) Isophorone	7.60	82	949818	42.10	ng	95
26) 2-Nitrophenol	7.67	139	212458	48.48	ng	# 77
27) 2,4-Dimethylphenol	7.72	122	377897	40.16	ng	92
28) bis(2-Chloroethoxy)methane	7.81	93	584136	39.38	ng	99
29) 2,4-Dichlorophenol	7.92	162	327802	41.97	ng	92
30) 1,2,4-Trichlorobenzene	8.00	180	330308	38.15	ng	99
31) Naphthalene	8.08	128	1160795	37.93	ng	99
32) Benzoic acid	7.86	122	269423	40.46	ng	# 84
33) 4-Chloroaniline	8.13	127	170035	13.18	ng	98
34) Hexachlorobutadiene	8.20	225	189075	37.40	ng	98
35) Caprolactam	8.52	113	73747	27.77	ng	92
36) 4-Chloro-3-methylphenol	8.62	107	406212	40.48	ng	# 78
37) 2-Methylnaphthalene	8.77	142	758990	40.46	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	296379	36.25	ng	# 97
40) Hexachlorocyclopentadiene	8.93	237	371593	94.62	ng	99

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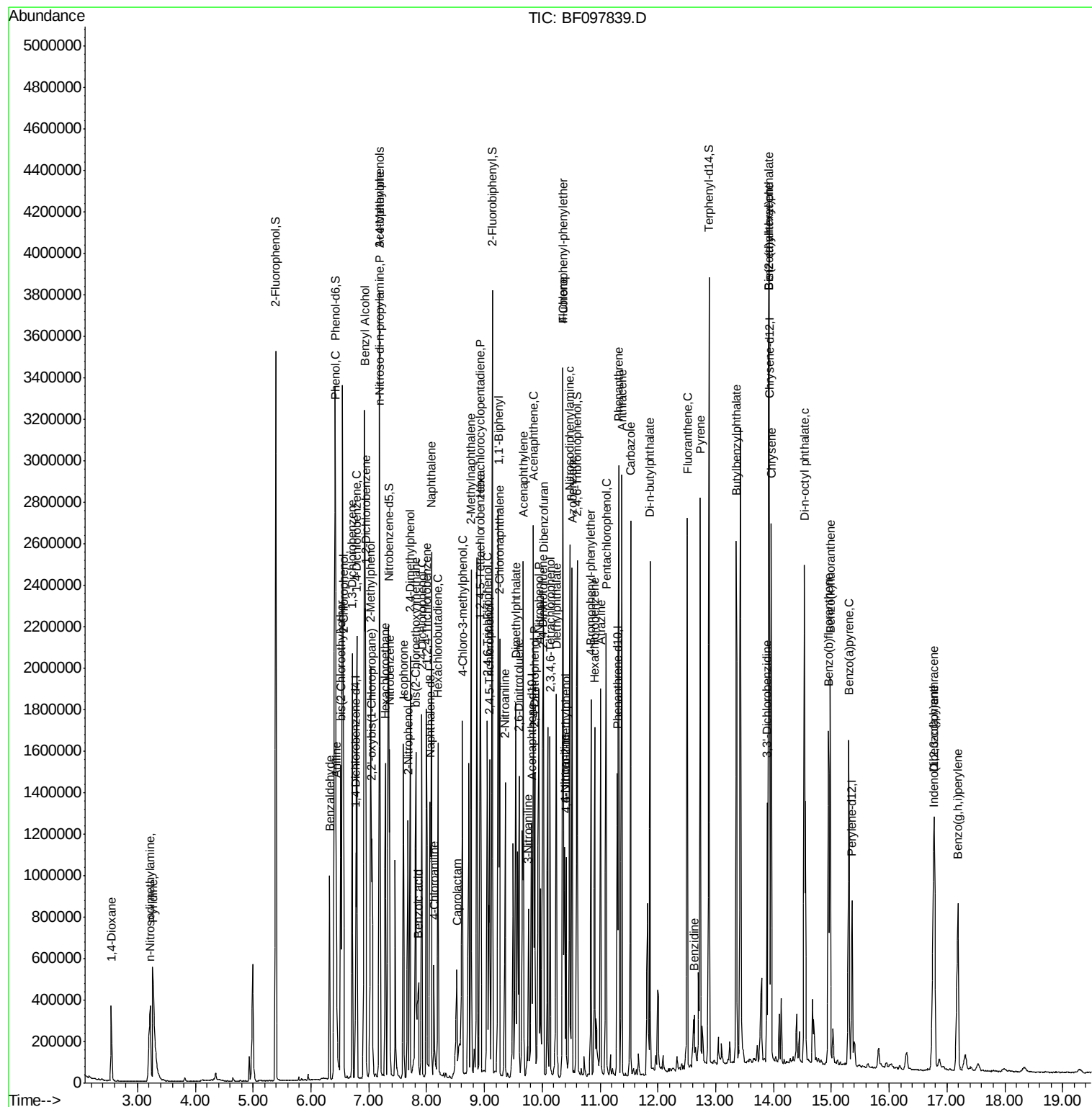
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	227656	41.48	nq	96
43) 2,4,5-Trichlorophenol	9.09	196	224772	41.28	nq	95
45) 1,1'-Biphenyl	9.24	154	889351	36.61	nq	97
46) 2-Chloronaphthalene	9.26	162	662449	36.91	nq	# 93
47) 2-Nitroaniline	9.36	65	279866	46.51	nq	94
48) Acenaphthylene	9.67	152	1090063	38.68	nq	100
49) Dimethylphthalate	9.55	163	780994	40.11	nq	99
50) 2,6-Dinitrotoluene	9.60	165	173620	44.67	nq	# 47
51) Acenaphthene	9.85	154	653703	36.77	nq	99
52) 3-Nitroaniline	9.77	138	120532	24.04	nq	91
53) 2,4-Dinitrophenol	9.87	184	156449	84.03	nq	# 77
54) Dibenzofuran	10.02	168	961662	40.37	nq	100
55) 4-Nitrophenol	9.94	139	322220	80.55	nq	# 37
56) 2,4-Dinitrotoluene	10.00	165	230184	47.19	nq	# 48
57) Fluorene	10.36	166	713548	38.74	nq	96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	187264	44.42	nq	95
59) Diethylphthalate	10.25	149	804531	39.51	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	323138	37.76	nq	# 85
61) 4-Nitroaniline	10.39	138	184910	38.80	nq	# 69
62) Azobenzene	10.52	77	999918	41.34	nq	93
64) 4,6-Dinitro-2-methylphenol	10.41	198	107717	44.44	nq	90
65) n-Nitrosodiphenylamine	10.47	169	663108	37.22	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	207746	38.24	nq	96
67) Hexachlorobenzene	10.90	284	202398	36.55	nq	# 81
68) Atrazine	11.01	200	202734	42.91	nq	99
69) Pentachlorophenol	11.10	266	224251	69.46	nq	98
70) Phenanthrene	11.32	178	1064410	38.18	nq	100
71) Anthracene	11.37	178	1090957	38.58	nq	100
72) Carbazole	11.53	167	1023780	38.14	nq	99
73) Di-n-butylphthalate	11.86	149	1264016	40.89	nq	99
74) Fluoranthene	12.51	202	1155470	39.71	nq	98
76) Benzidine	12.63	184	90429	6.69	nq	93
77) Pyrene	12.73	202	1199159	35.57	nq	99
79) Butylbenzylphthalate	13.36	149	548581	42.44	nq	# 69
80) Benzo(a)anthracene	13.92	228	900076	36.43	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	226877	27.22	nq	# 95
82) Chrysene	13.96	228	909920	37.03	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	667410	46.60	nq	# 99
84) Di-n-octyl phthalate	14.53	149	1292456	51.86	nq	# 97
85) Indeno(1,2,3-cd)pyrene	16.76	276	787094	43.54	nq	95
87) Benzo(b)fluoranthene	14.95	252	902752	42.37	nq	100
88) Benzo(k)fluoranthene	14.98	252	739018	36.92	nq	# 95
89) Benzo(a)pyrene	15.30	252	785859	41.67	nq	98
90) Dibenzo(a,h)anthracene	16.79	278	637119	41.49	nq	99
91) Benzo(g,h,i)perylene	17.19	276	666031	41.57	nq	# 92

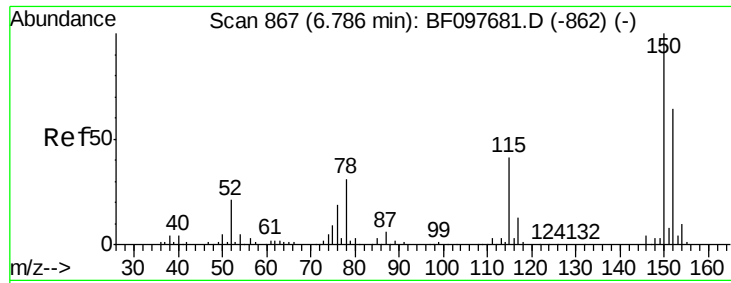
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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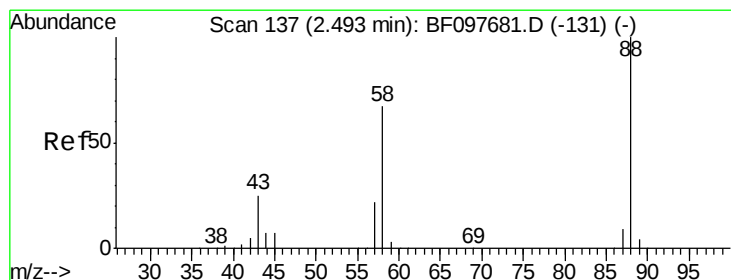
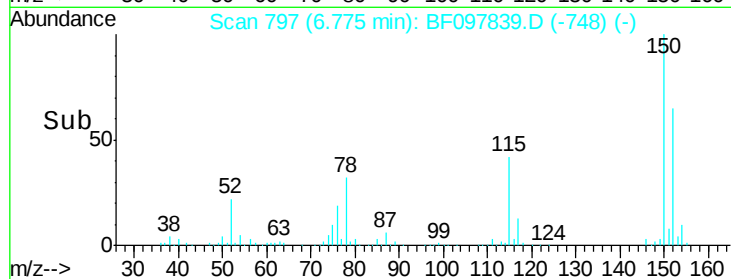
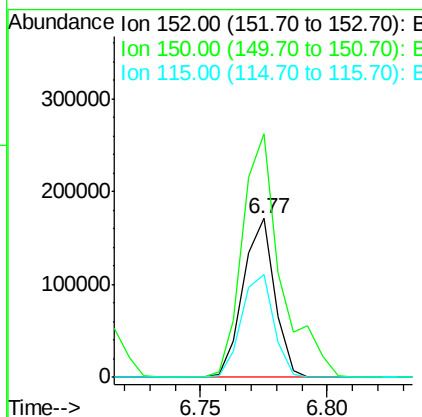
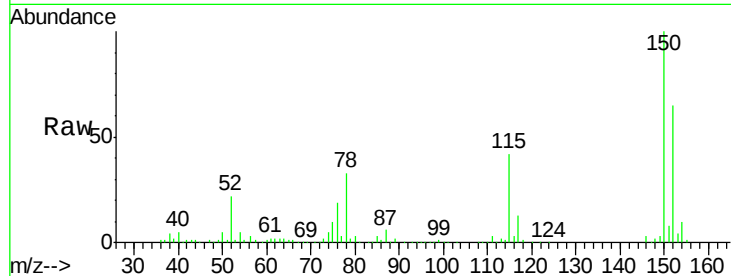


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

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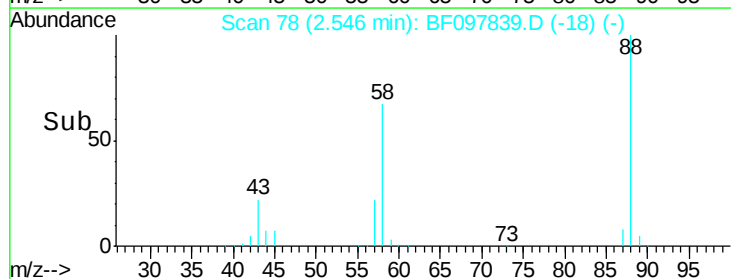
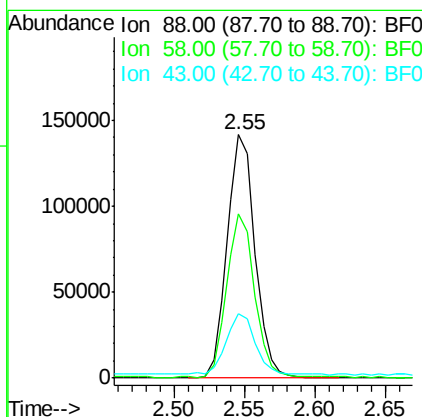
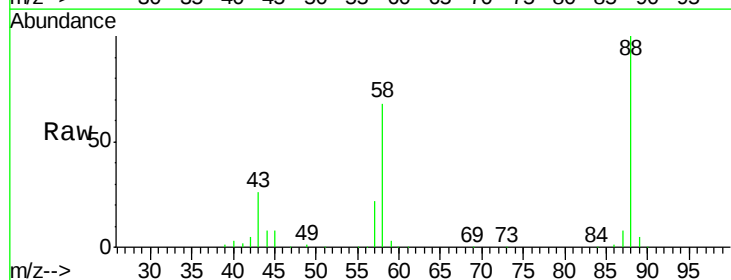
Tot Ion:152 Resp: 148519
Ion Ratio Lower Upper
152 100
150 153.5 126.2 189.2
115 65.0 52.2 78.2

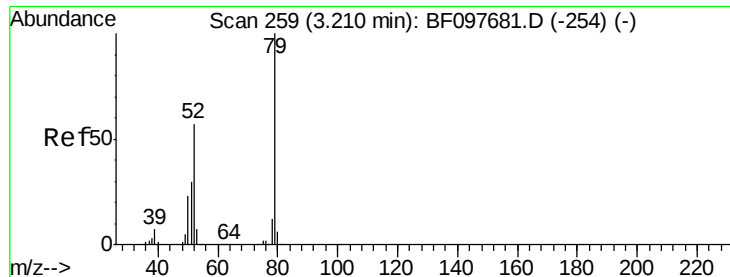


#2

1,4-Dioxane
Concen: 35.84 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion: 88 Resp: 195171
Ion Ratio Lower Upper
88 100
58 66.6 61.4 92.0
43 26.5 23.4 35.0





#3

Pvridine

Concen: 37.83 ng

RT: 3.26 min Scan# 200

Delta R.T. 0.05 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

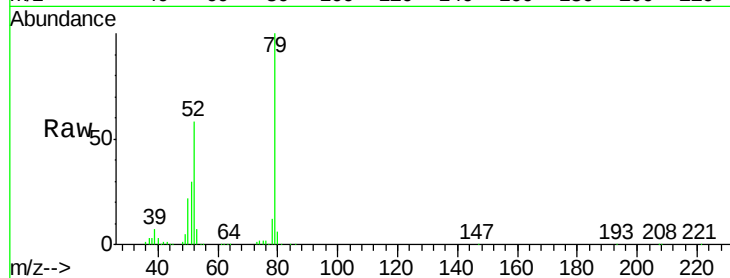
Tot Ion: 79 Resp: 569555

Ion Ratio Lower Upper

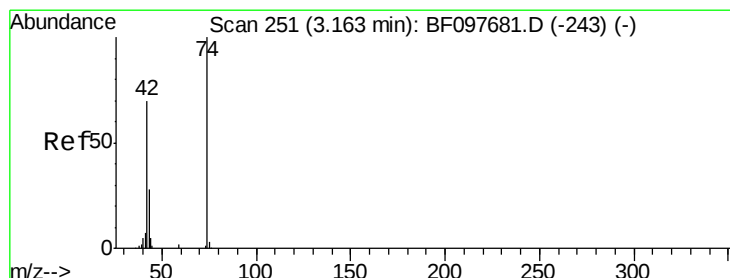
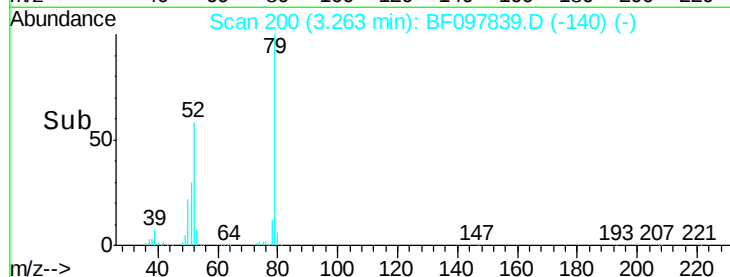
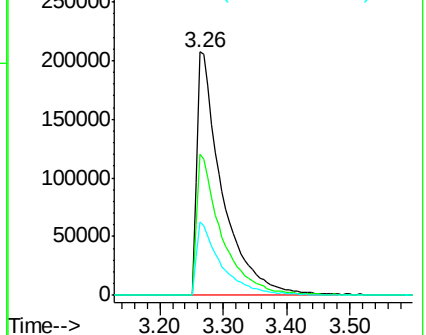
79 100

52 58.2 54.8 82.2

51 30.1 27.0 40.4



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



#4

n-Nitrosodimethylamine

Concen: 40.54 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.06 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

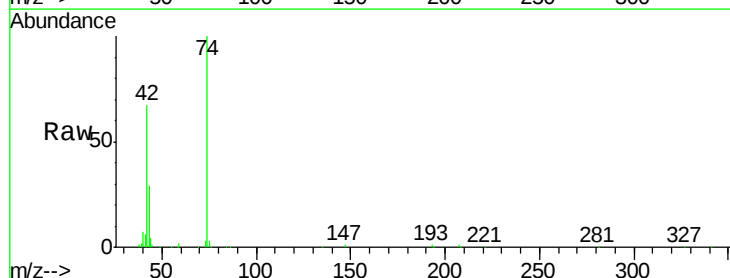
Tgt Ion: 42 Resp: 234828

Ion Ratio Lower Upper

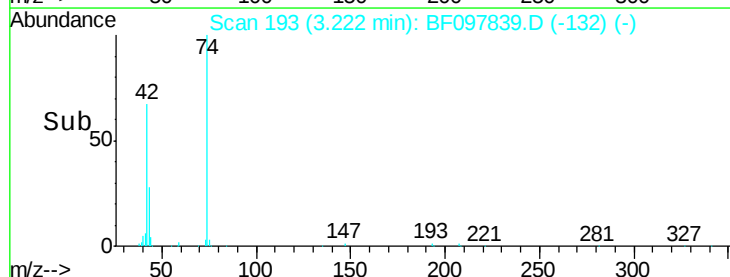
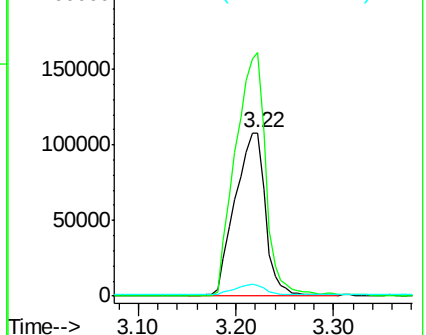
42 100

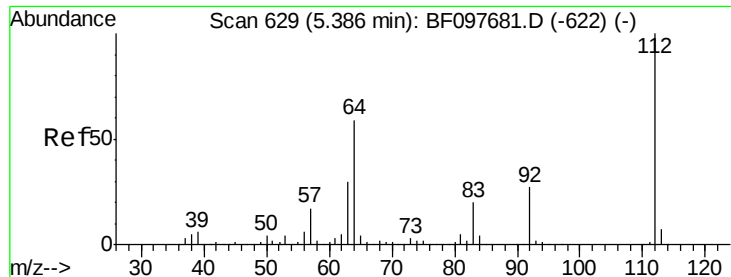
74 149.3 103.9 155.9

44 6.6 5.7 8.5



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





#5

2-Fluorophenol

Concen: 120.99 ng

RT: 5.39 min Scan# 562

Delta R.T. 0.01 min

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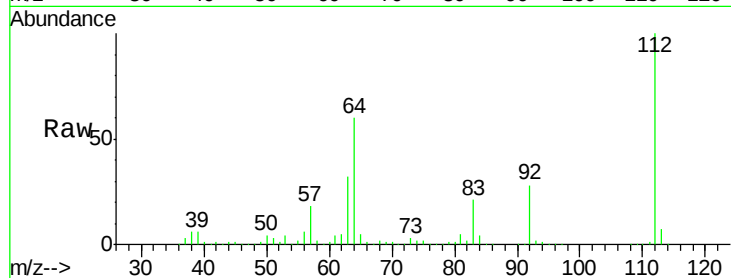
Tot Ion:112 Resp: 1181389

Ion Ratio Lower Upper

112 100

64 60.4 46.0 69.0

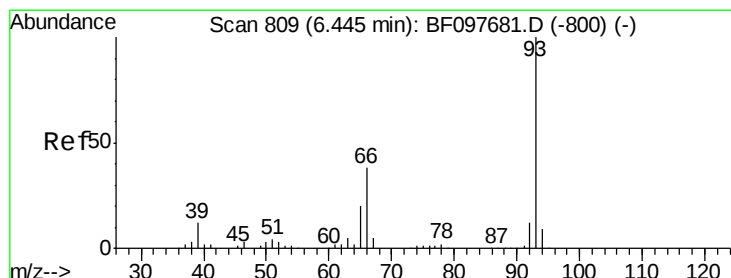
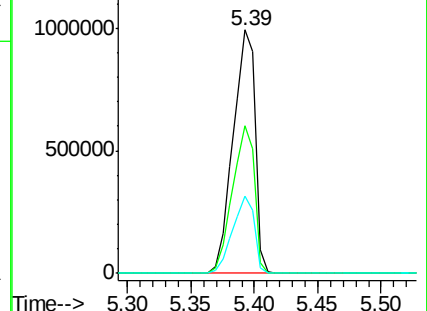
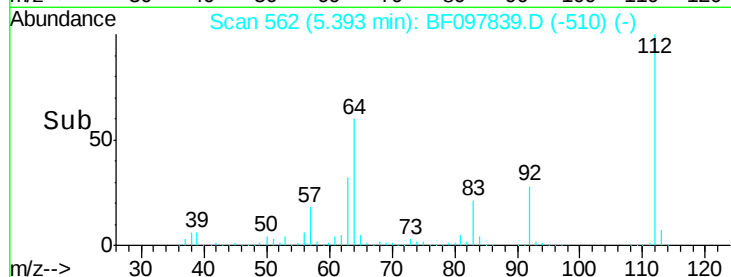
63 31.5 23.4 35.0



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: 20.39 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

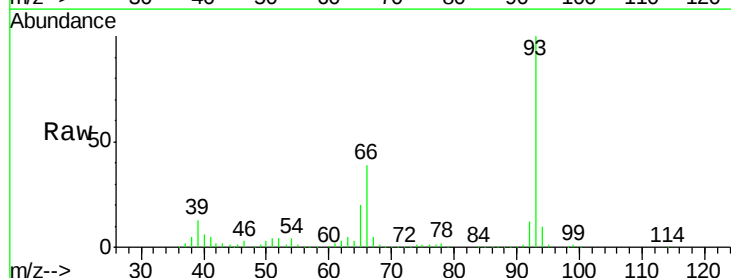
Tgt Ion: 93 Resp: 379952

Ion Ratio Lower Upper

93 100

66 39.1 32.9 49.3

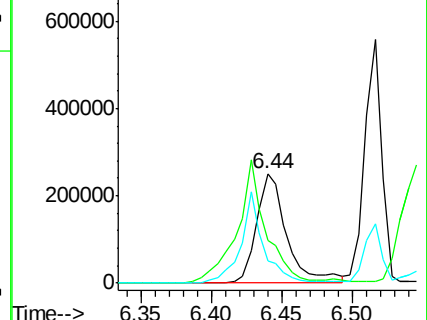
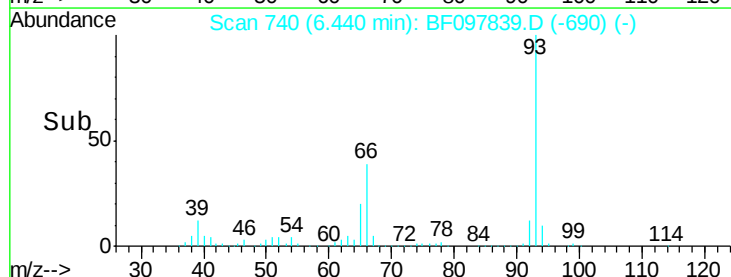
65 20.5 16.0 24.0

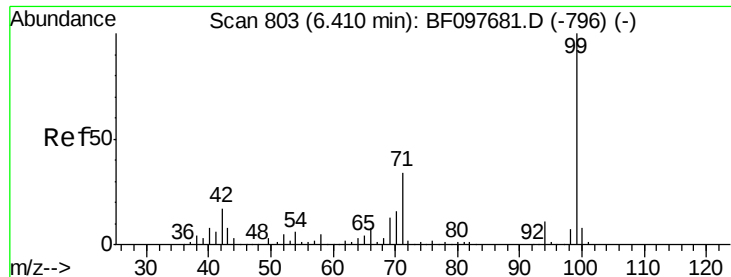


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.04 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

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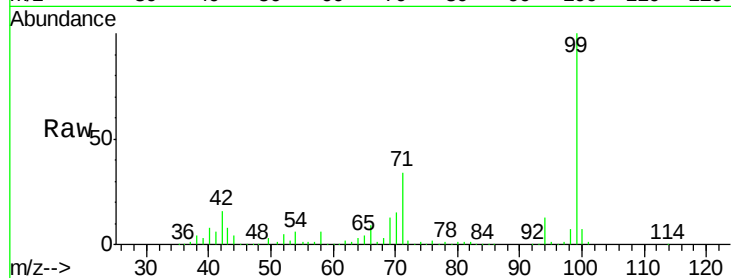
Tot Ion: 99 Resp: 1605816

Ion Ratio Lower Upper

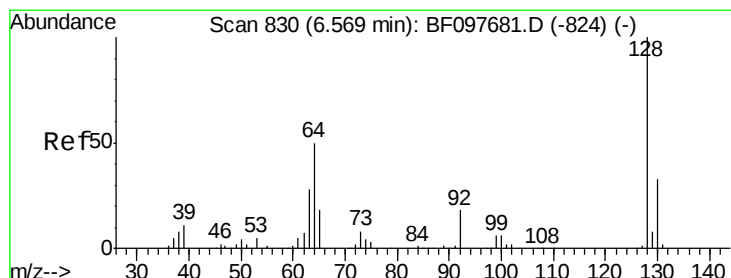
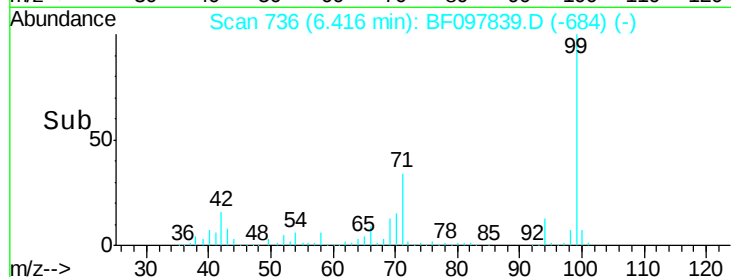
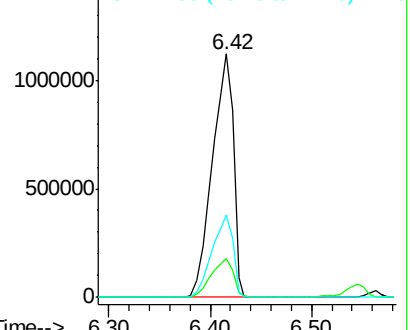
99 100

42 15.9 13.5 20.3

71 33.9 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: 39.67 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

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Acq: 18 Aug 2017 18:10

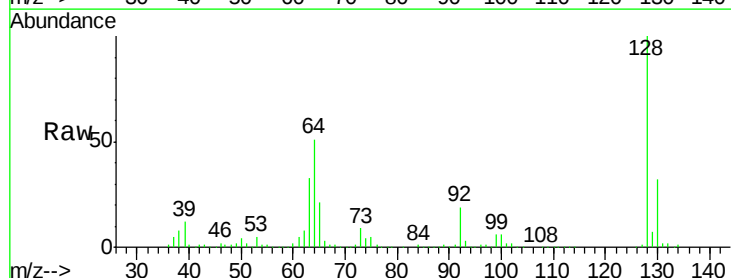
Tgt Ion:128 Resp: 408457

Ion Ratio Lower Upper

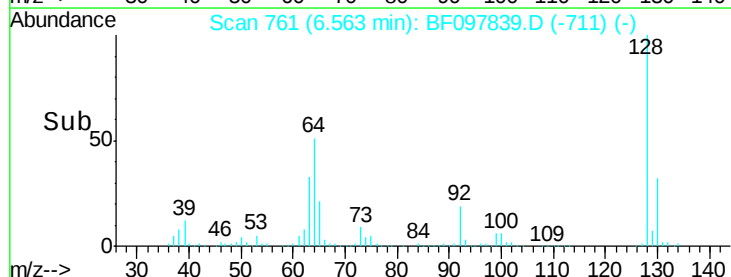
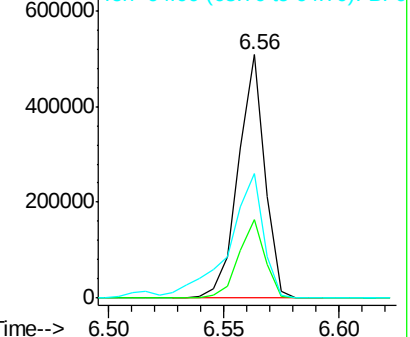
128 100

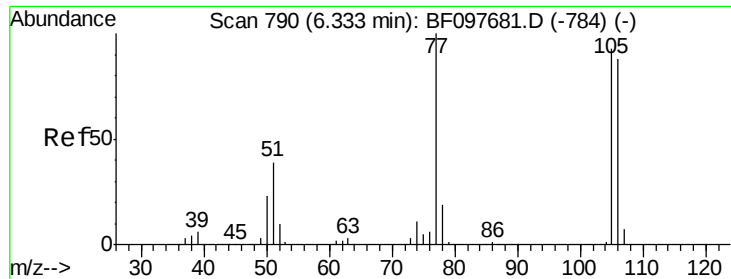
130 32.1 12.9 52.9

64 50.9 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: 23.72 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

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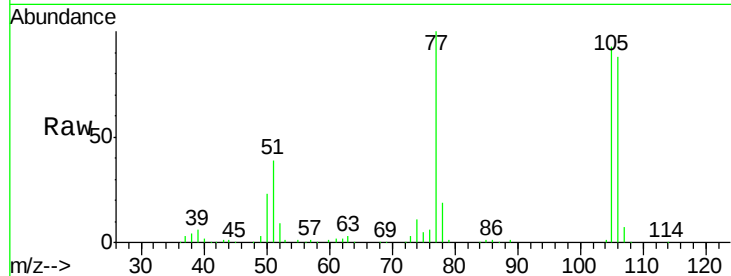
Tot Ion: 77 Resp: 199311

Ion Ratio Lower Upper

77 100

105 93.5 83.8 123.8

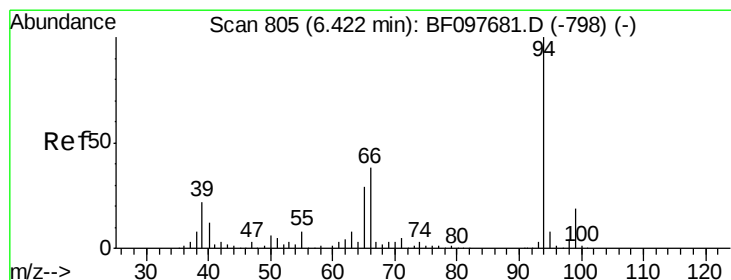
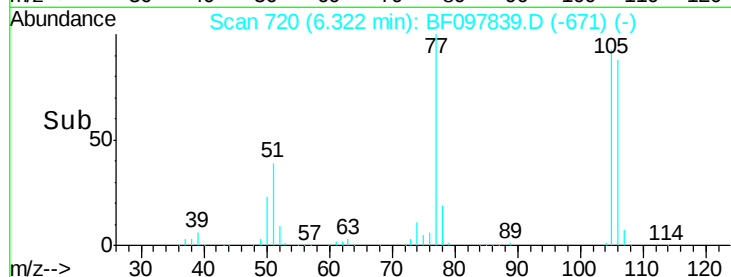
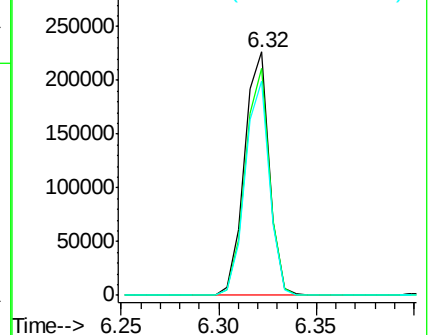
106 88.1 79.1 119.1



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: 38.01 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

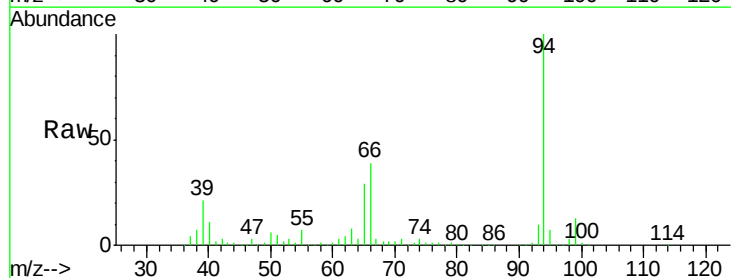
Tgt Ion: 94 Resp: 589715

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

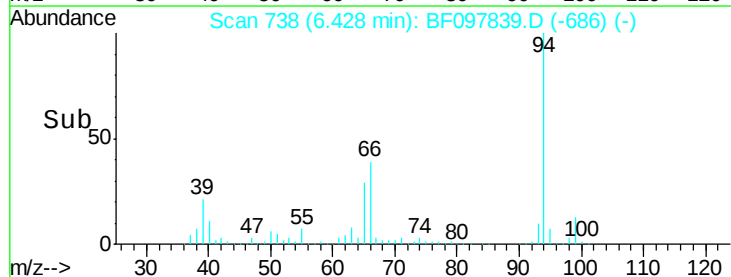
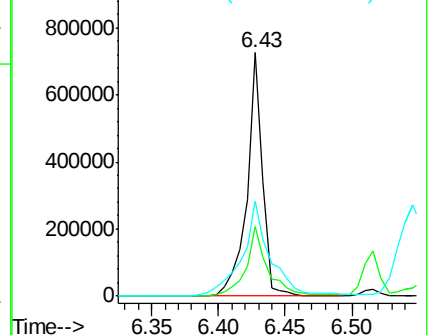
66 38.8 23.1 63.1

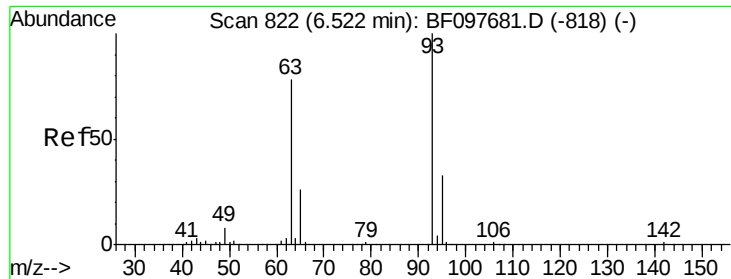


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

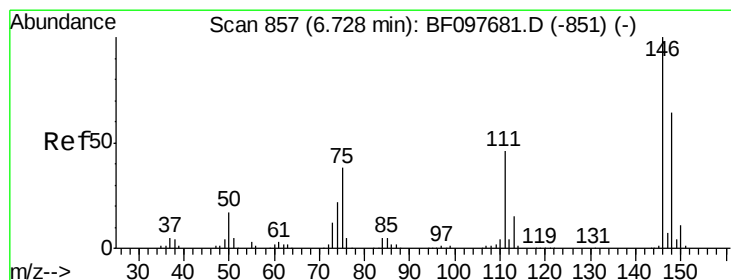
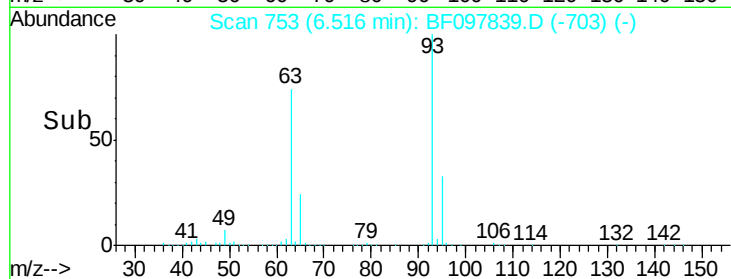
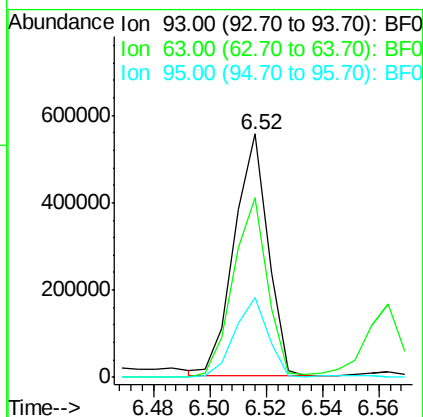
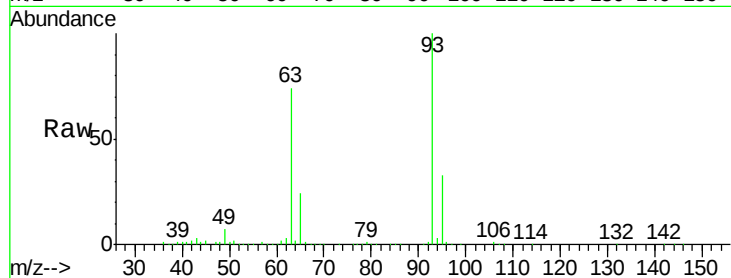




#11
 bis(2-Chloroethyl)ether
 Concen: 39.41 ng
 RT: 6.52 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

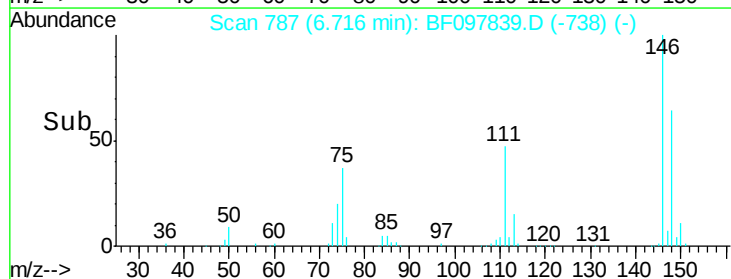
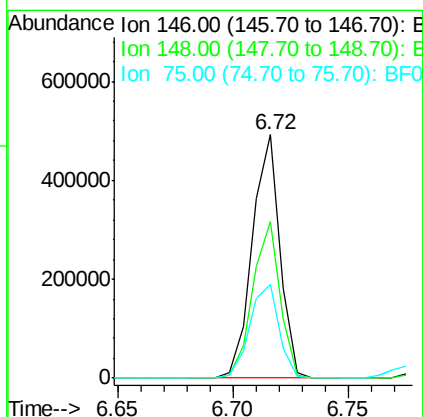
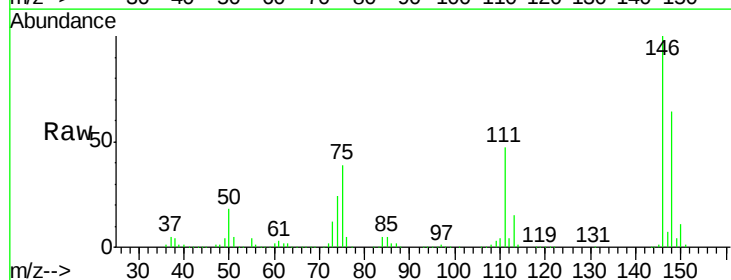
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

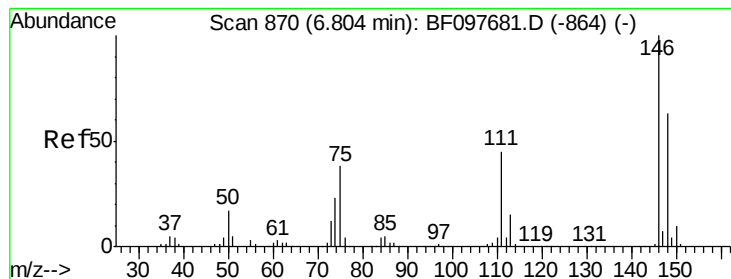
Tot Ion: 93 Resp: 461548
 Ion Ratio Lower Upper
 93 100
 63 74.0 59.2 99.2
 95 32.6 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 37.10 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion: 146 Resp: 410923
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 75 38.6 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 36.94 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

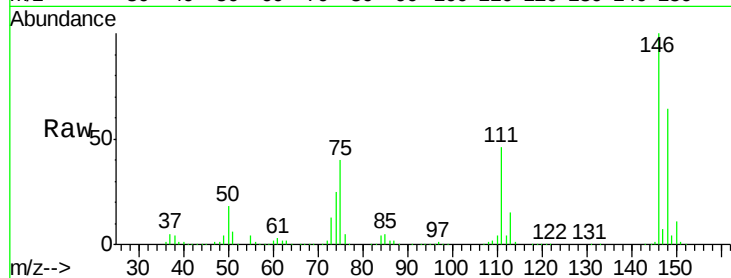
Tot Ion:146 Resp: 416136

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

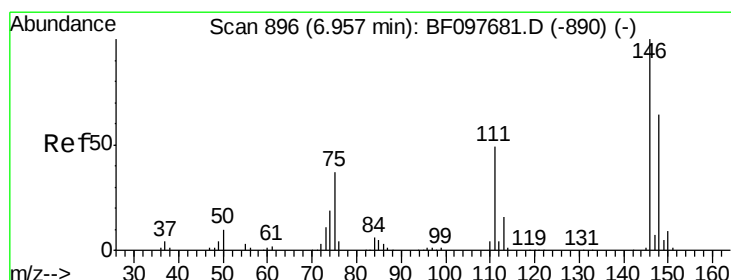
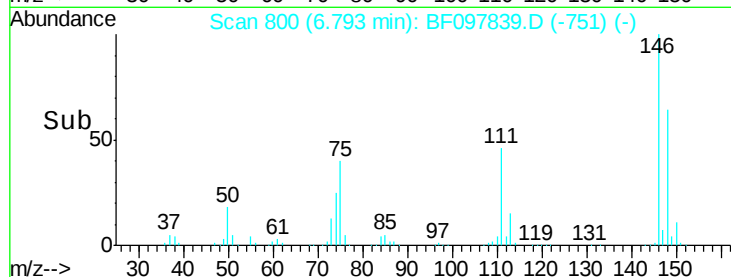
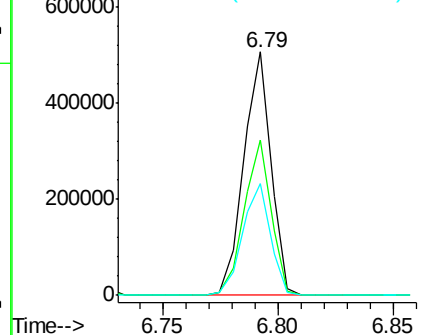
111 46.0 30.3 45.5#



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: 36.70 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

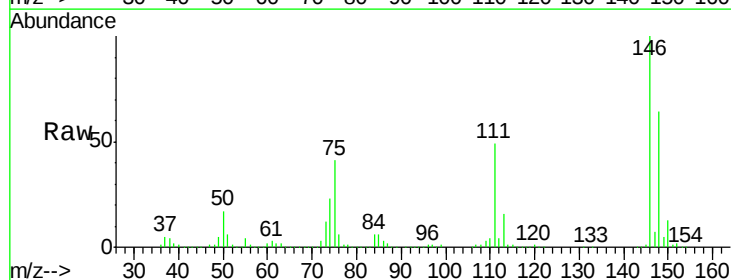
Tgt Ion:146 Resp: 381256

Ion Ratio Lower Upper

146 100

148 64.4 50.4 75.6

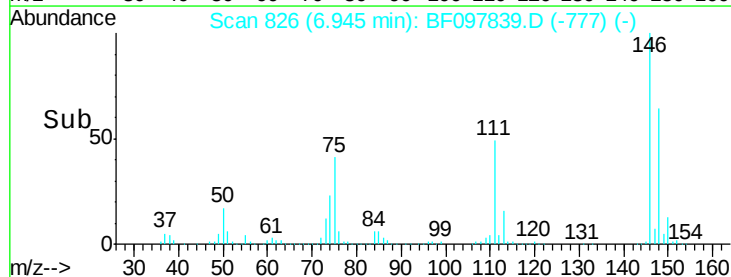
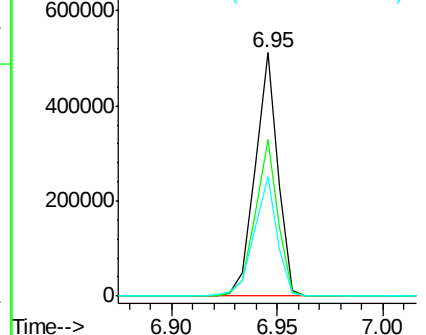
111 49.3 38.2 57.4

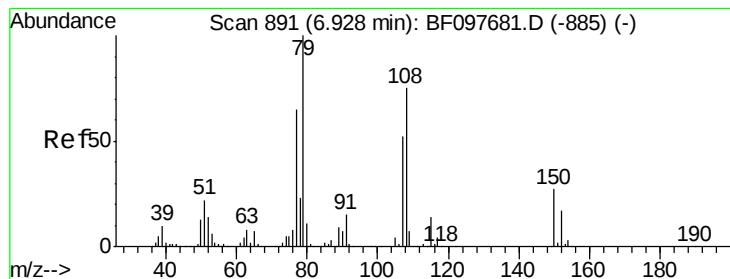


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.29 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

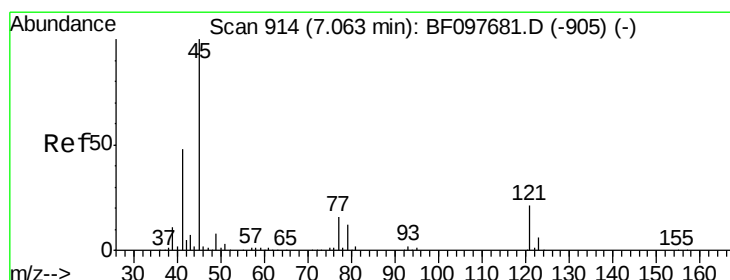
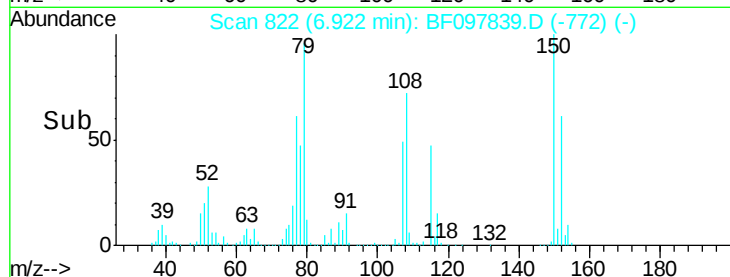
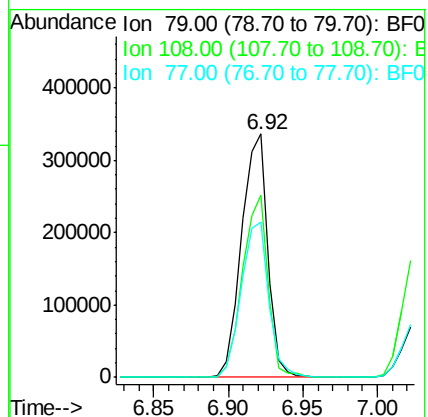
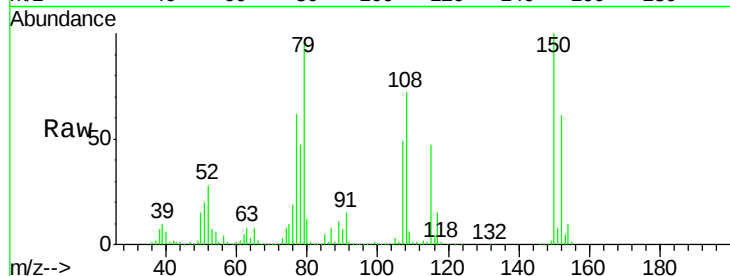
Tot Ion: 79 Resp: 410126

Ion Ratio Lower Upper

79 100

108 74.8 63.4 95.0

77 63.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.81 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

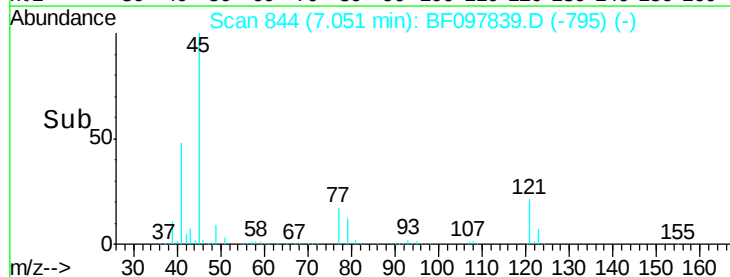
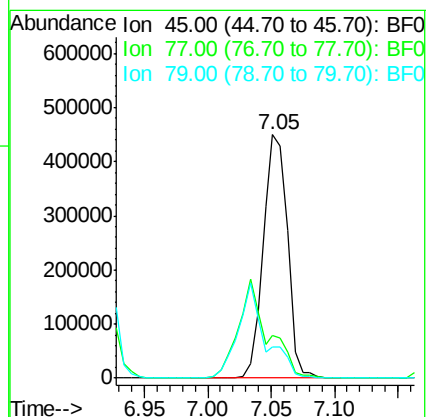
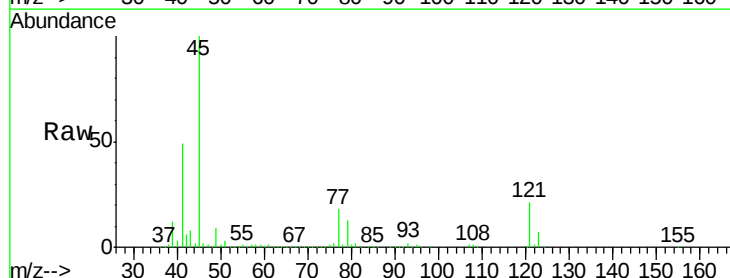
Tgt Ion: 45 Resp: 595830

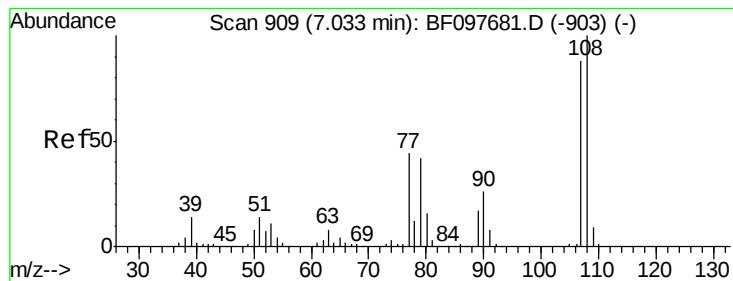
Ion Ratio Lower Upper

45 100

77 17.6 0.0 33.2

79 12.7 0.0 30.0





#17

2-Methylphenol

Concen: 42.03 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

Tot Ion:107 Resp: 381403

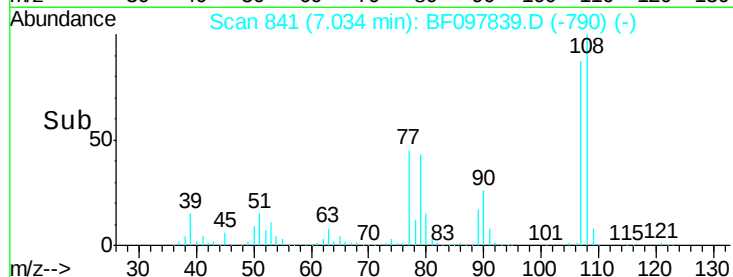
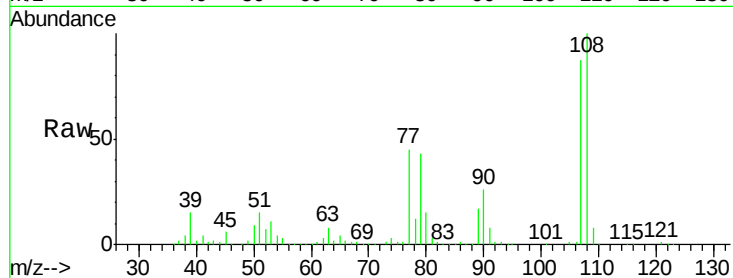
Ion Ratio Lower Upper

107 100

108 114.3 93.4 140.0

77 51.5 35.8 53.6

79 49.3 34.8 52.2

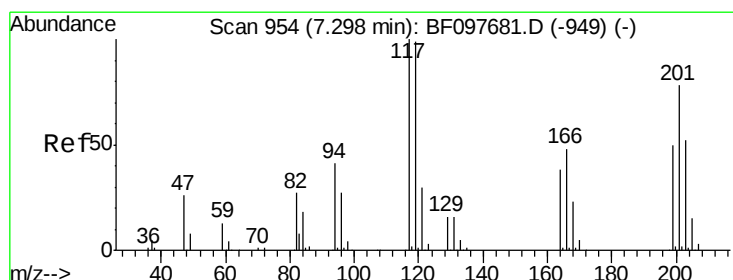
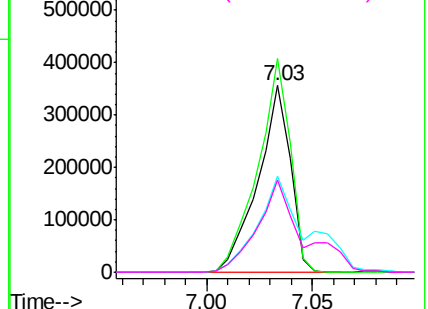


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.13 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

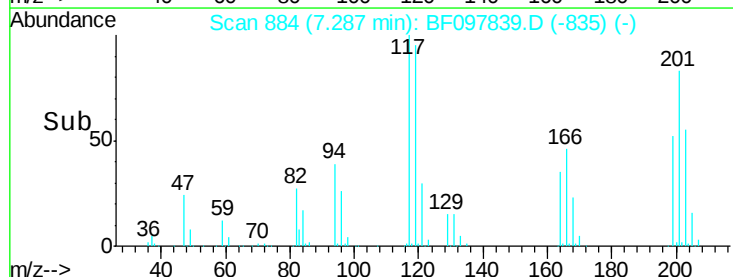
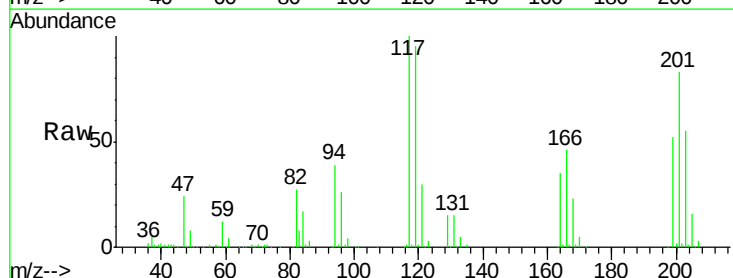
Tgt Ion:117 Resp: 172818

Ion Ratio Lower Upper

117 100

119 94.8 77.4 116.0

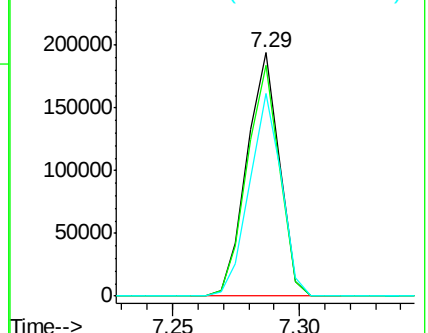
201 83.1 94.6 141.8#

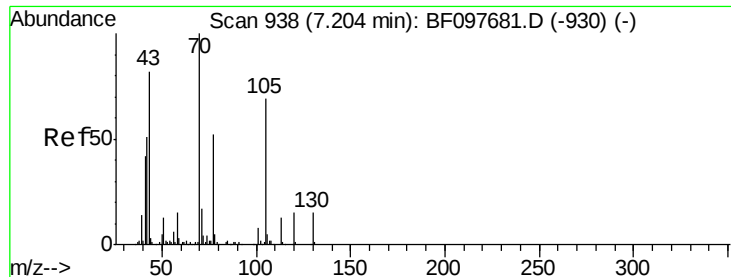


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

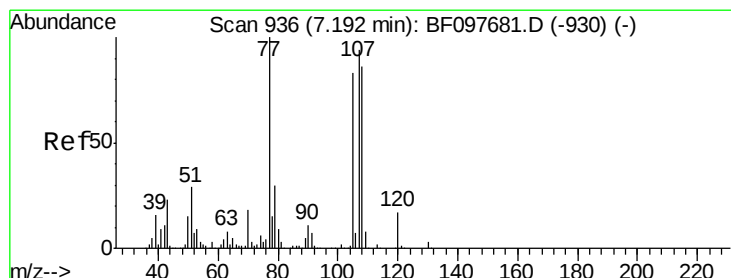
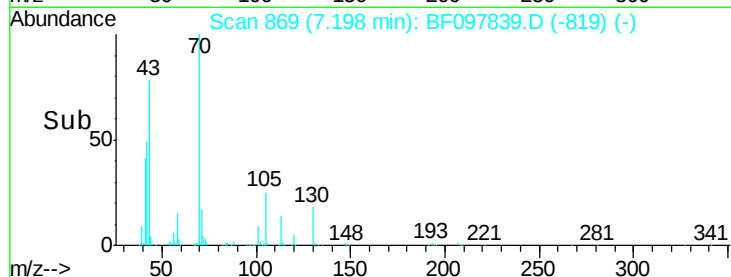
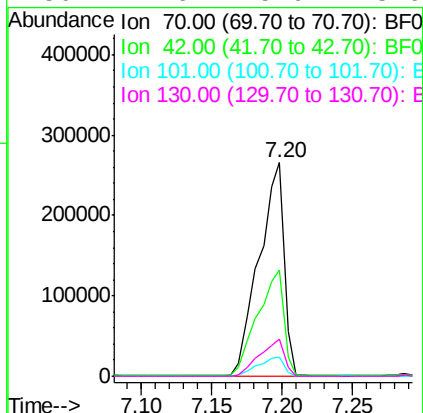
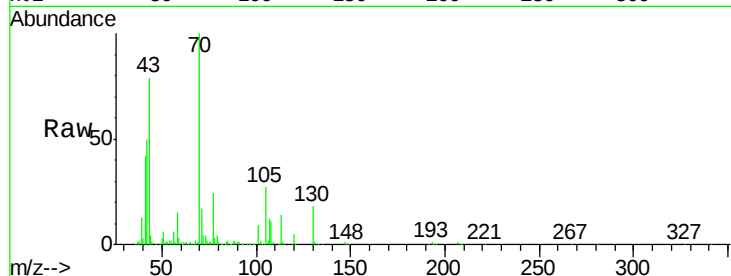




#19
n-Nitroso-di-n-propylamine
Concen: 37.04 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

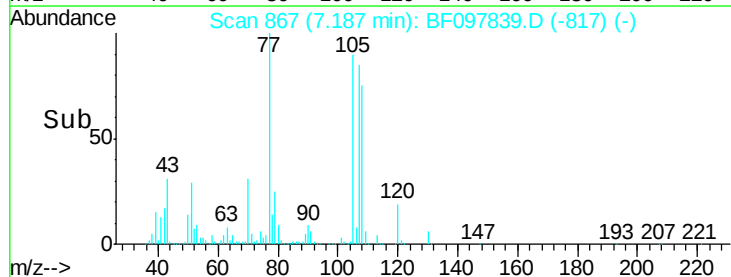
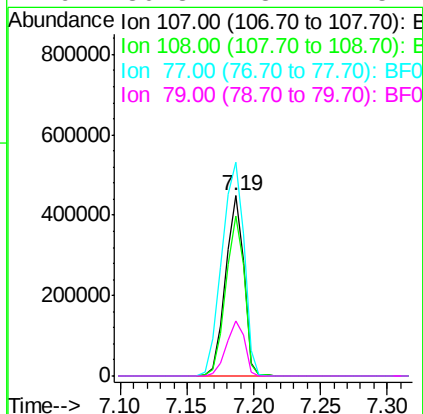
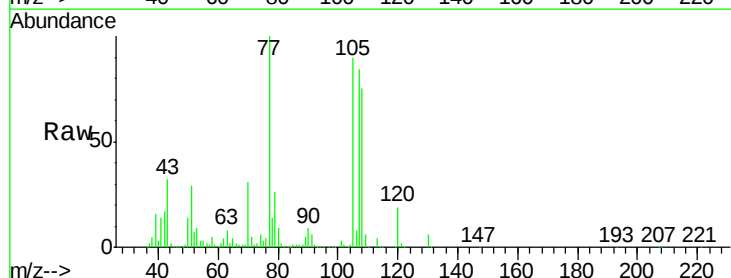
Instrument :
BNA_F
ClientSampleId :
PB101579BS

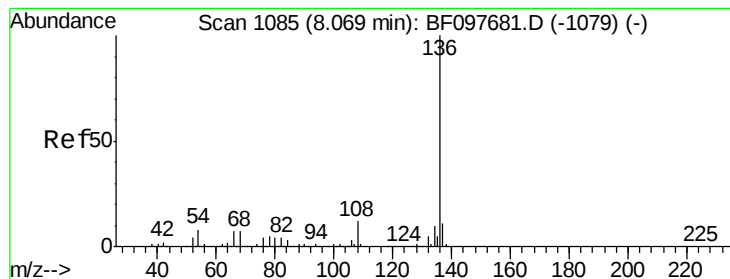
Tot Ion:	70	Resp:	336393
Ion	Ratio	Lower	Upper
70	100		
42	49.7	47.2	70.8
101	8.7	7.2	10.8
130	17.6	15.9	23.9



#20
3+4-Methylphenols
Concen: 39.43 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:	107	Resp:	437014
Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	118.4	90.5	130.5
79	30.3	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

Tot Ion:136 Resp: 589435

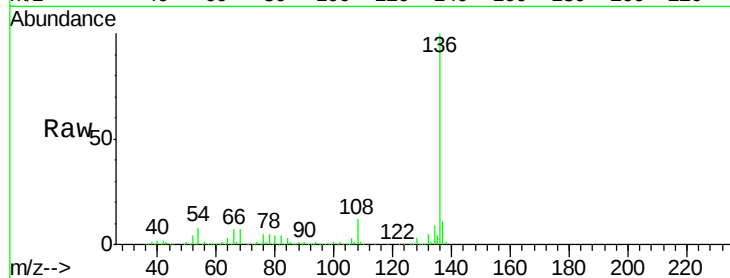
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.8 4.9 7.3#

68 7.4 4.1 6.1#

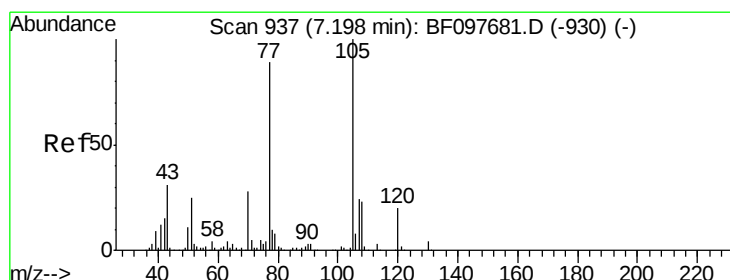
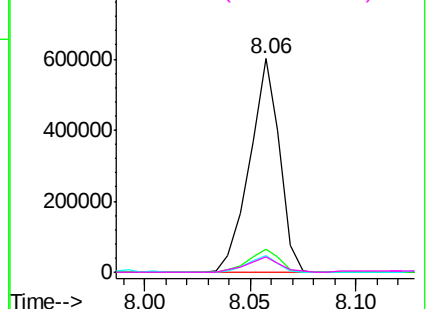
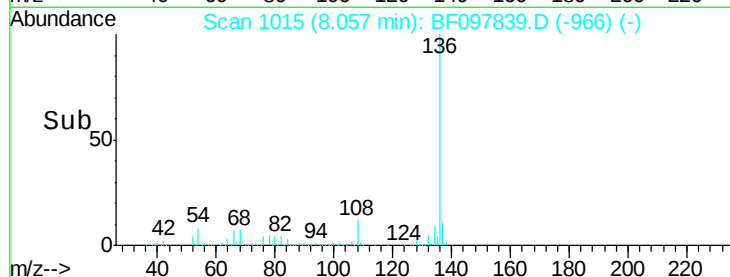


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.12 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Tgt Ion:105 Resp: 593645

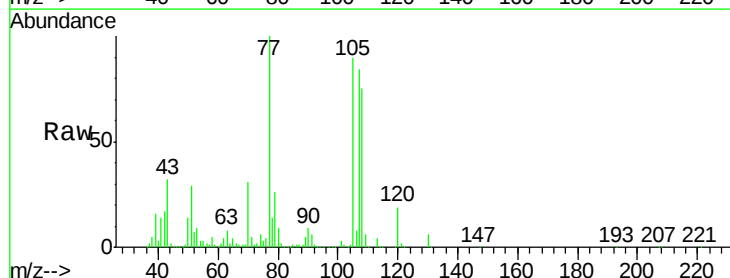
Ion Ratio Lower Upper

105 100

71 5.6 2.8 4.2#

51 32.2 30.7 46.1

120 20.7 17.4 26.0

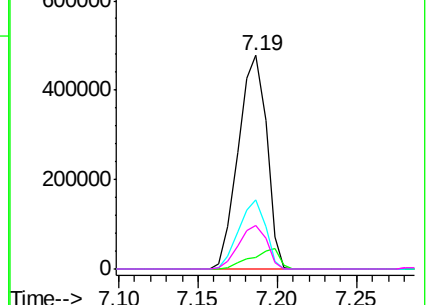
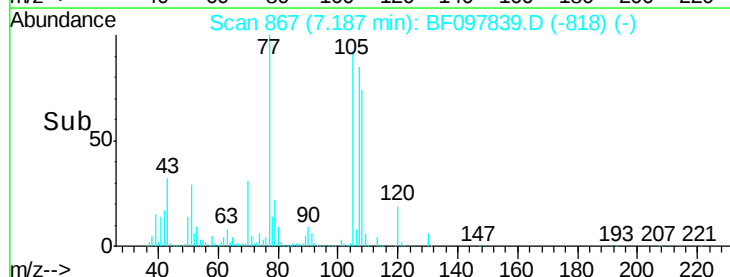


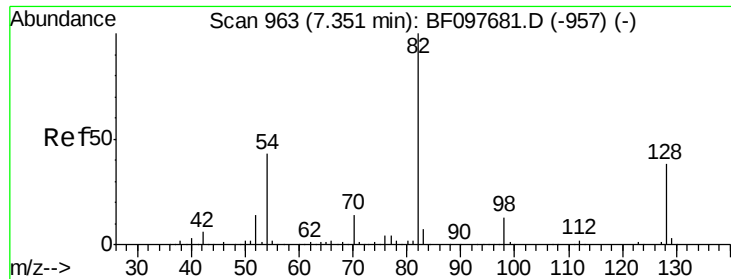
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

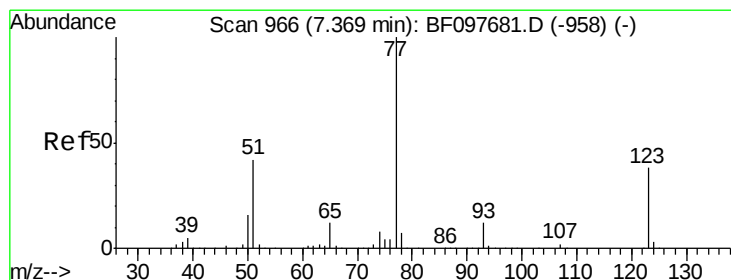
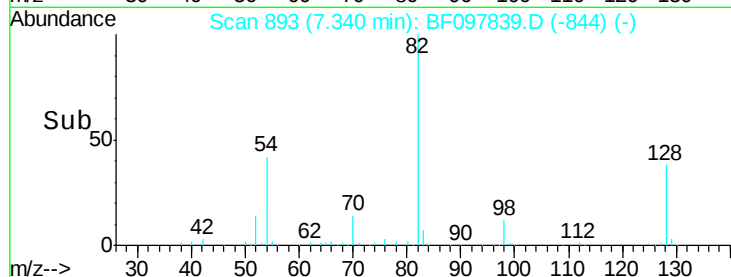
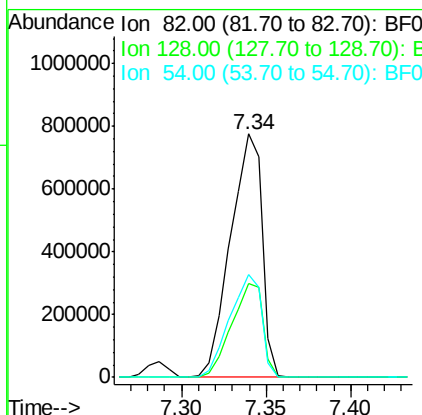
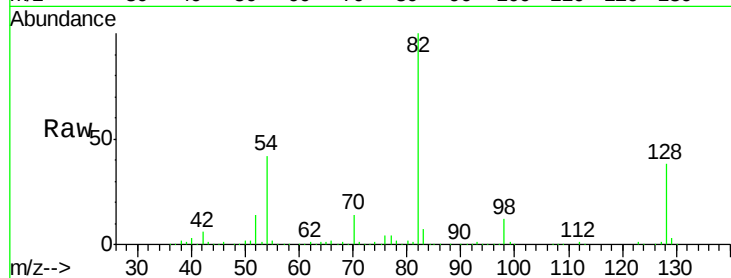




#23
Nitrobenzene-d5
Concen: 93.03 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

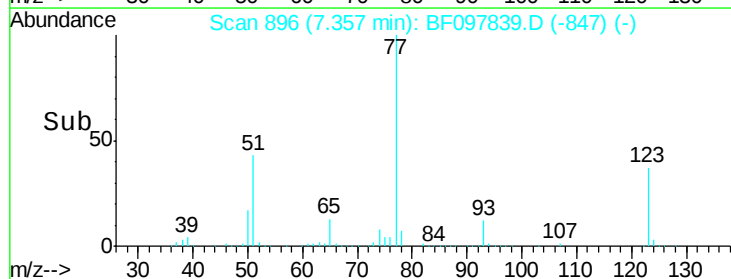
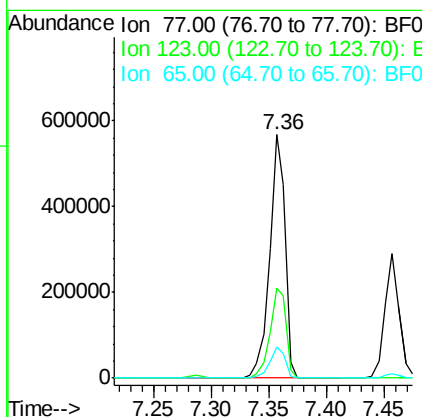
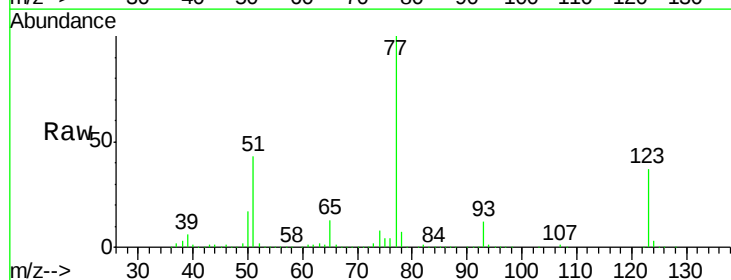
Instrument :
BNA_F
ClientSampleId :
PB101579BS

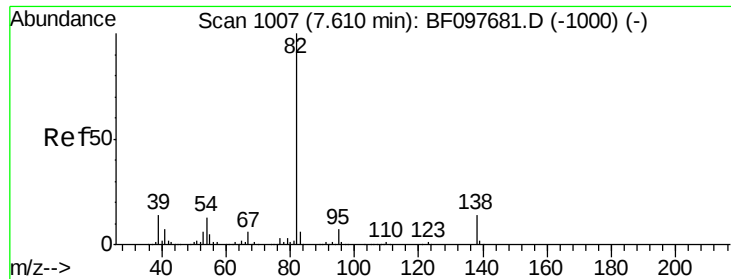
Tot Ion: 82 Resp: 1009374
Ion Ratio Lower Upper
82 100
128 38.3 34.0 51.0
54 42.0 42.2 63.2#



#24
Nitrobenzene
Concen: 44.09 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion: 77 Resp: 532687
Ion Ratio Lower Upper
77 100
123 37.0 35.8 53.8
65 12.7 10.6 15.8





#25

Isophorone

Concen: 42.10 ng

RT: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

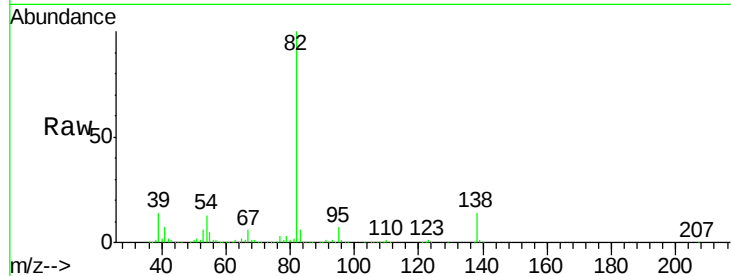
Tot Ion: 82 Resp: 949818

Ion Ratio Lower Upper

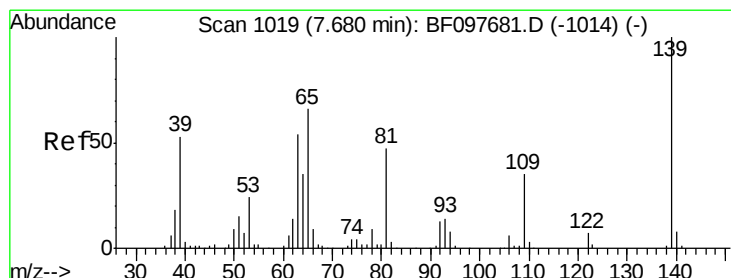
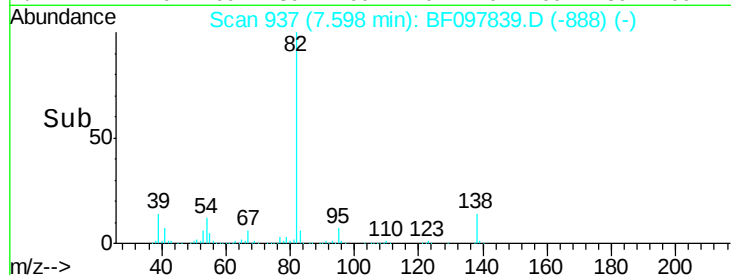
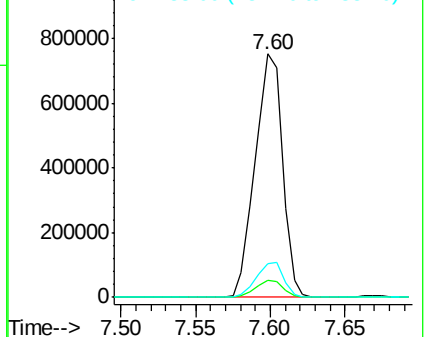
82 100

95 7.0 5.3 7.9

138 13.8 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: 48.48 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

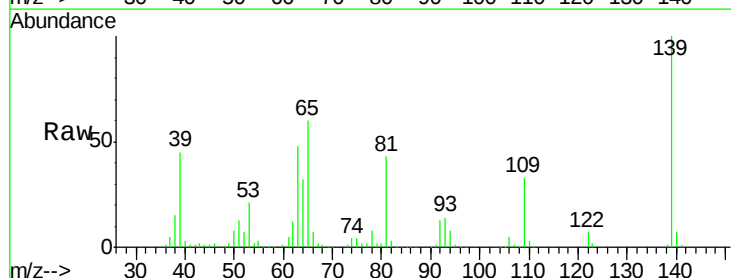
Tgt Ion: 139 Resp: 212458

Ion Ratio Lower Upper

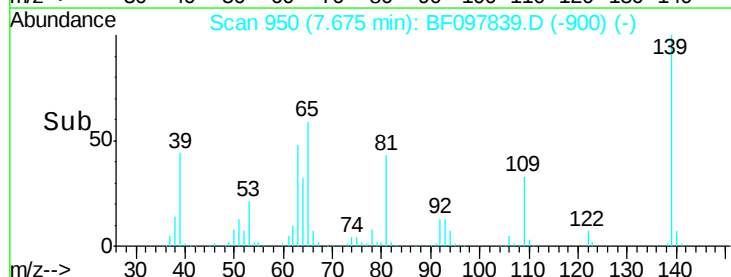
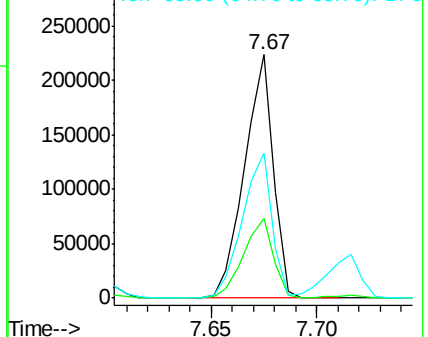
139 100

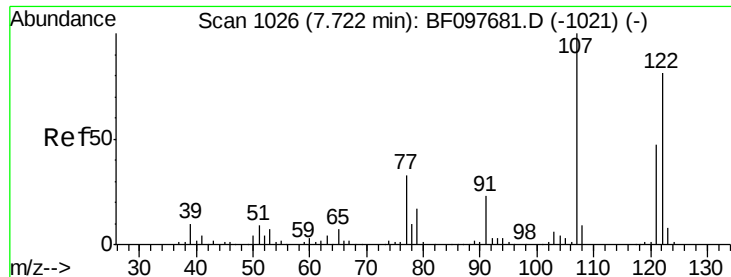
109 32.6 21.0 31.6#

65 59.5 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

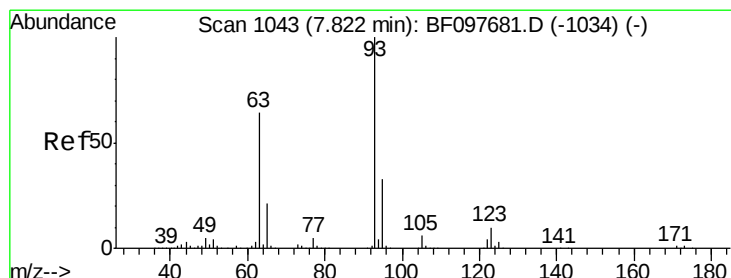
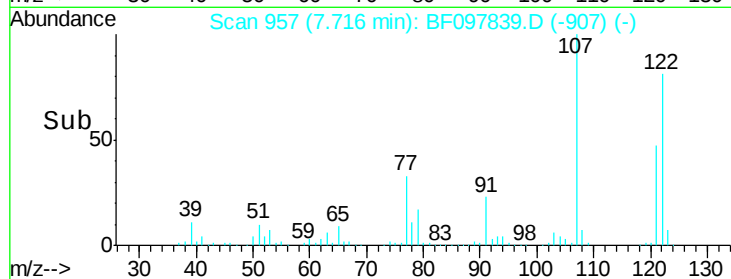
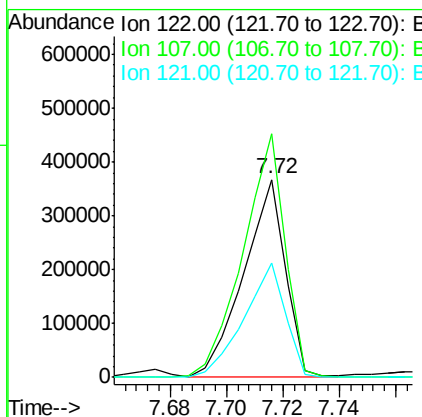
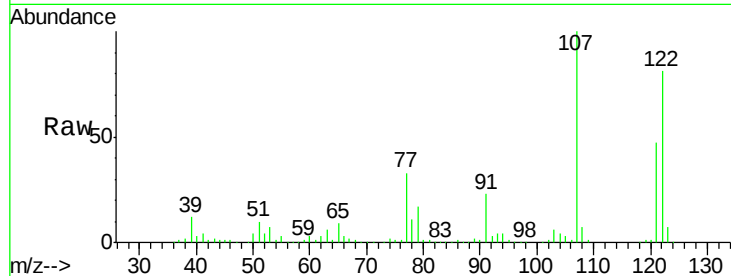




#27
 2,4-Dimethylphenol
 Concen: 40.16 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

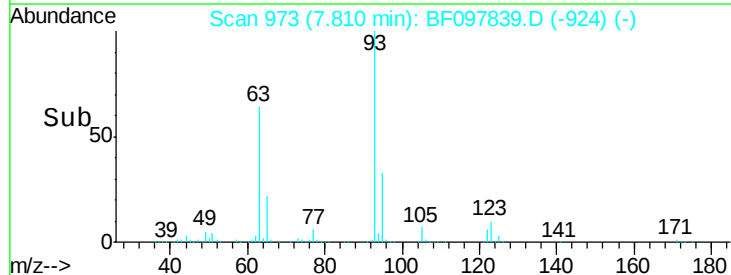
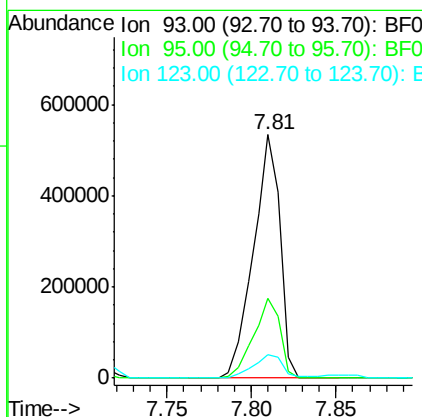
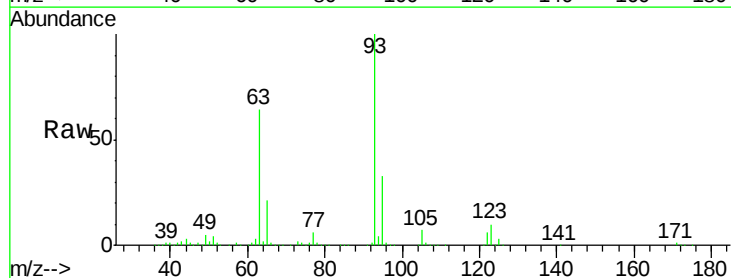
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

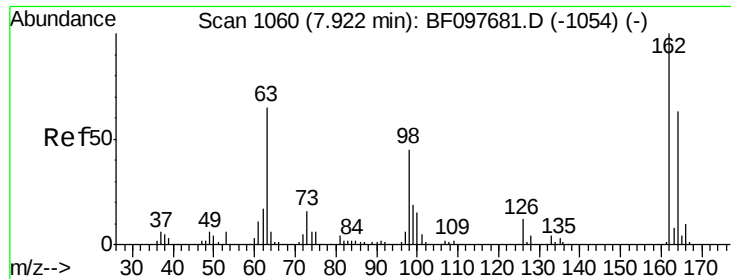
Tot Ion:	122	Resp:	377897
Ion	Ratio	Lower	Upper
122	100		
107	123.1	89.2	133.8
121	57.6	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.38 ng
 RT: 7.81 min Scan# 973
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:	93	Resp:	584136
Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	9.8	9.0	13.4

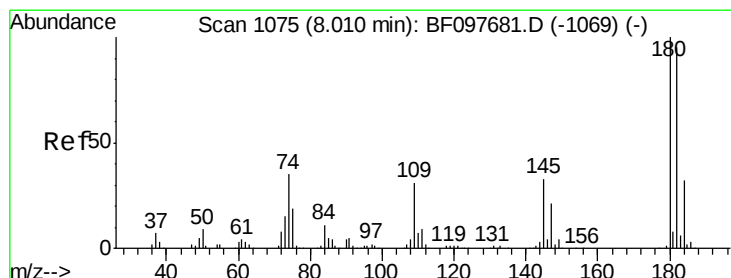
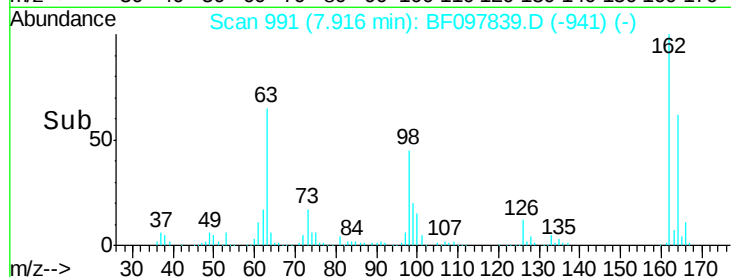
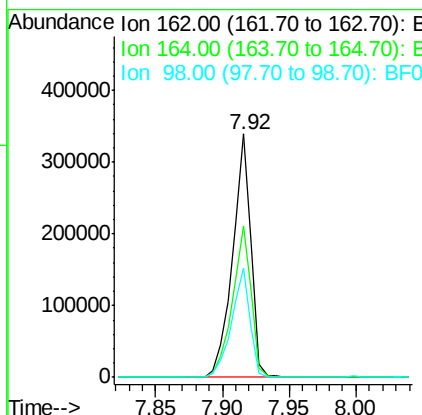
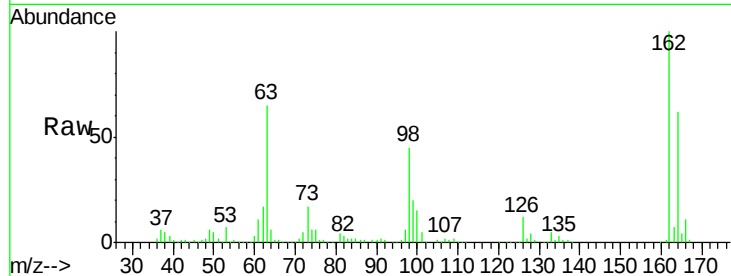




#29
 2,4-Dichlorophenol
 Concen: 41.97 ng
 RT: 7.92 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

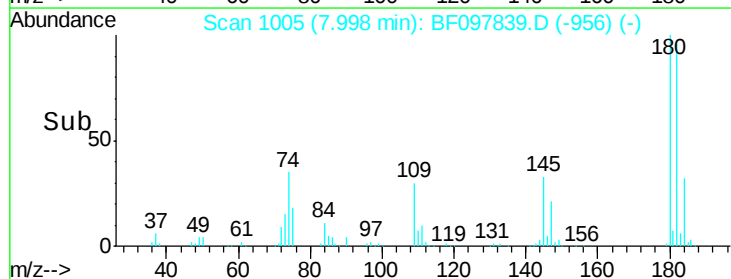
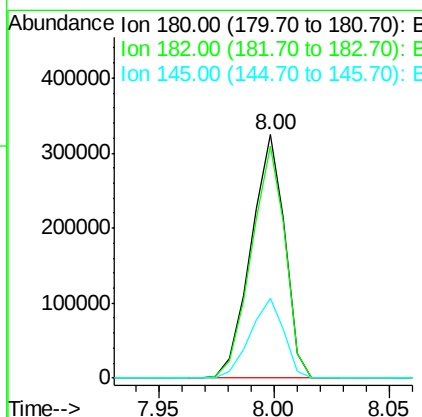
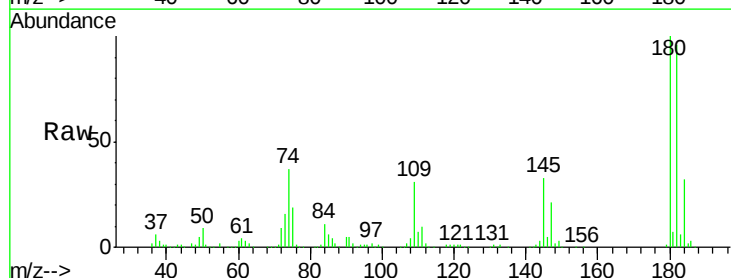
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

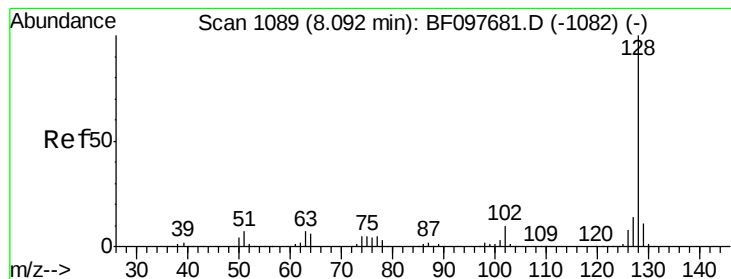
Tot Ion:162 Resp: 327802
 Ion Ratio Lower Upper
 162 100
 164 62.2 44.6 84.6
 98 44.9 14.8 54.8



#30
 1,2,4-Trichlorobenzene
 Concen: 38.15 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:180 Resp: 330308
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.8 113.6
 145 33.0 25.3 37.9





#31

Naphthalene

Concen: 37.93 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

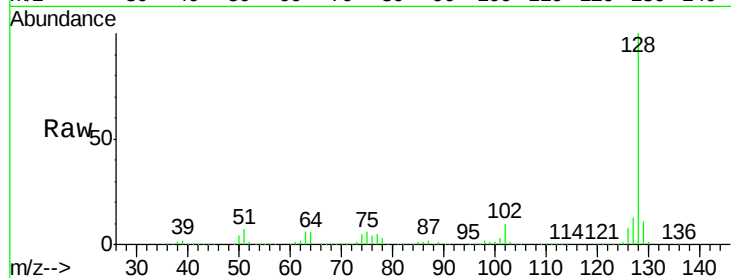
Tot Ion:128 Resp: 1160795

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

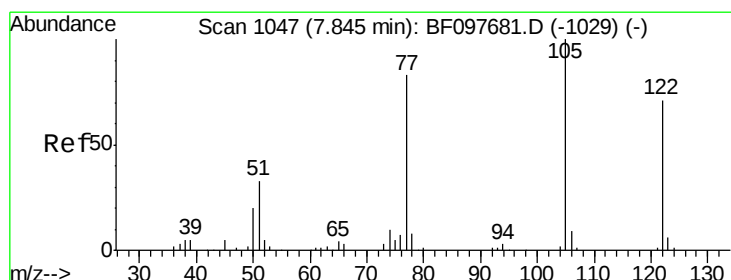
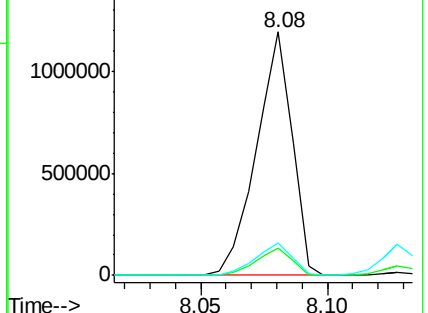
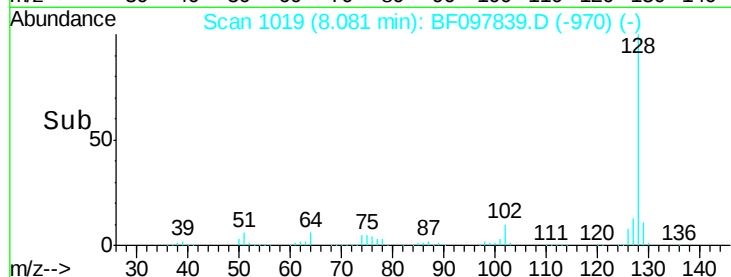
127 13.2 10.8 16.2



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: 40.46 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.02 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

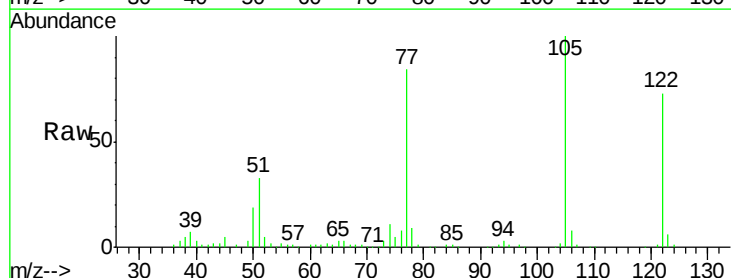
Tgt Ion:122 Resp: 269423

Ion Ratio Lower Upper

122 100

105 137.3 103.3 143.3

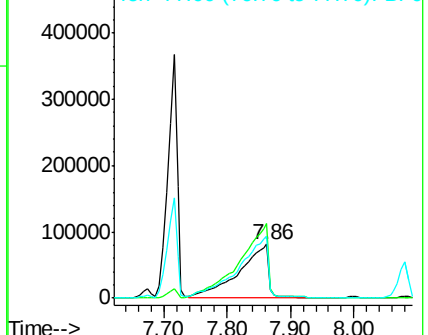
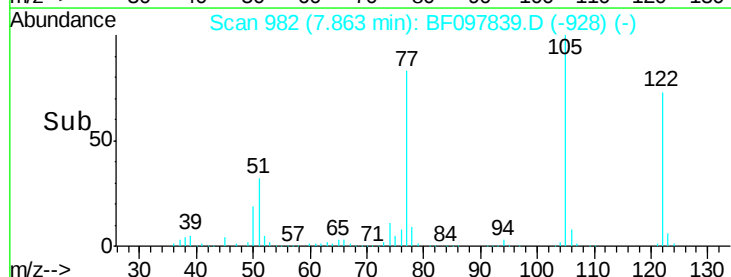
77 114.8 73.7 113.7#

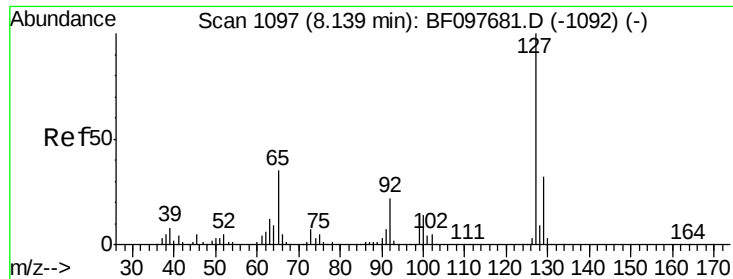


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

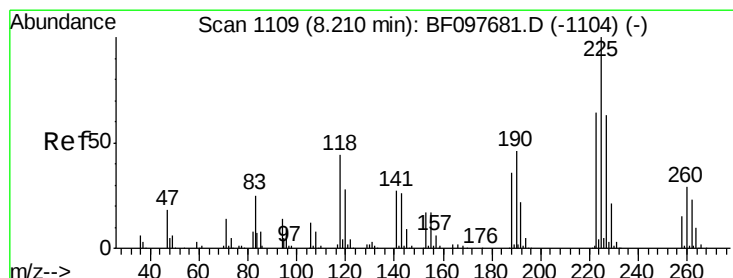
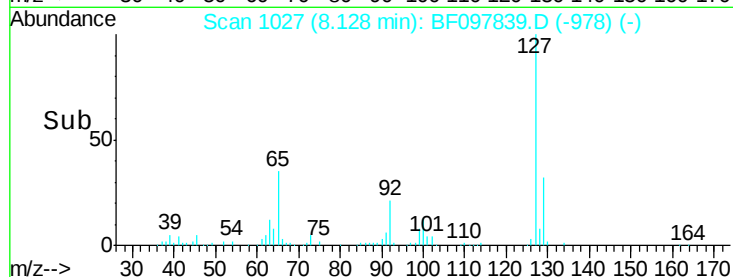
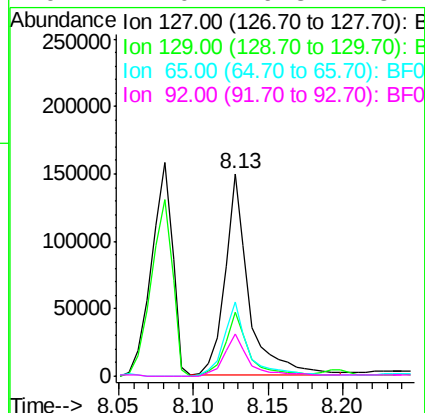
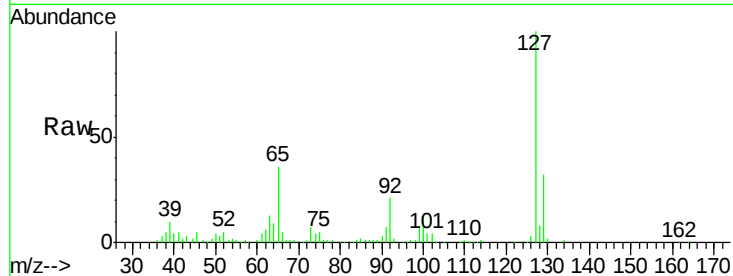




#33
4-Chloroaniline
Concen: 13.18 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

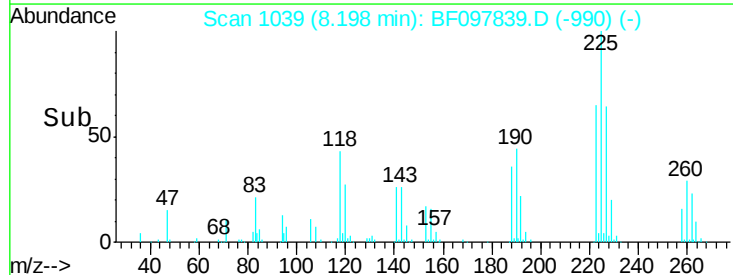
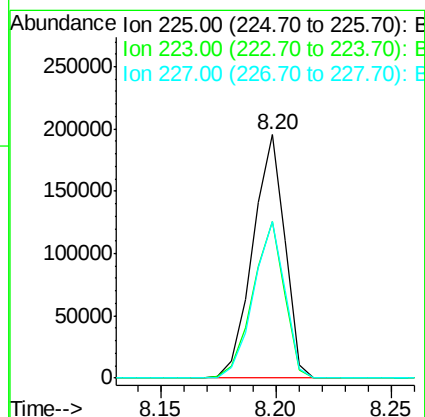
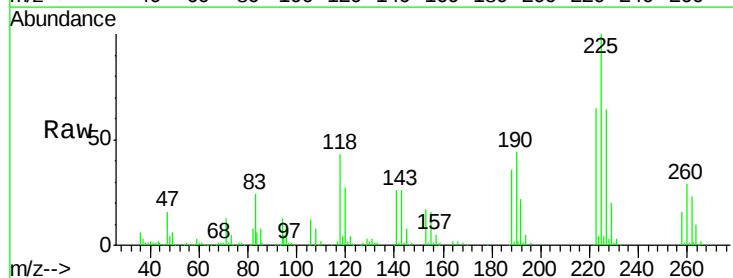
Instrument :
BNA_F
ClientSampleId :
PB101579BS

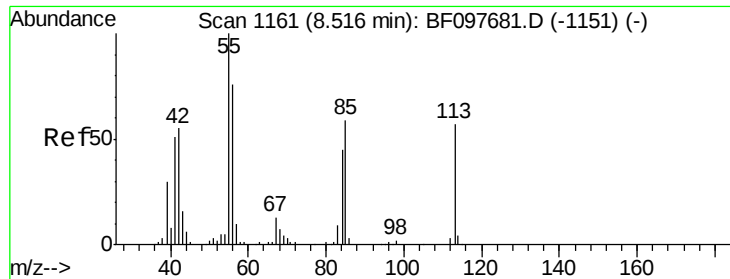
Tot Ion:	127	Resp:	170035
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	36.5	27.8	41.8
92	21.0	16.8	25.2



#34
Hexachlorobutadiene
Concen: 37.40 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:	225	Resp:	189075
Ion	Ratio	Lower	Upper
225	100		
223	64.5	48.8	73.2
227	64.1	51.1	76.7

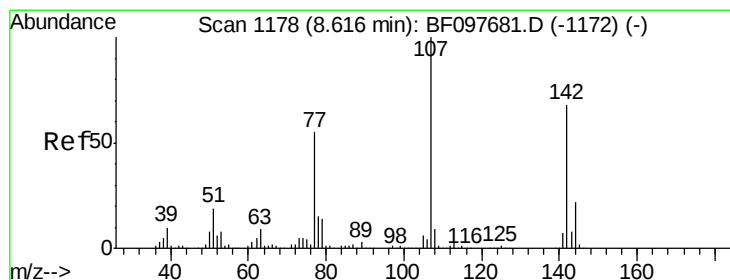
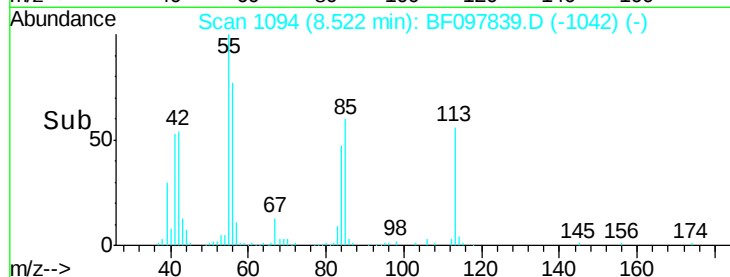
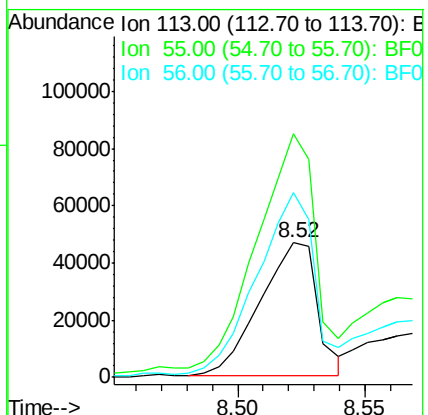
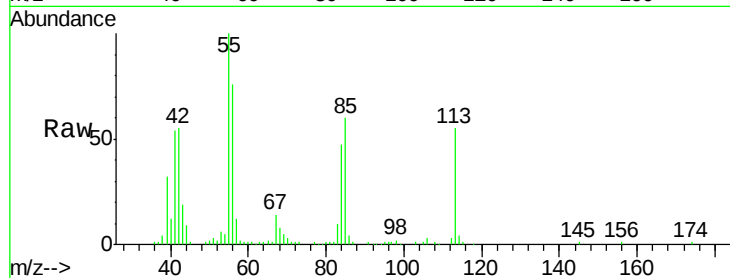




#35
Caprolactam
Concen: 27.77 ng
RT: 8.52 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

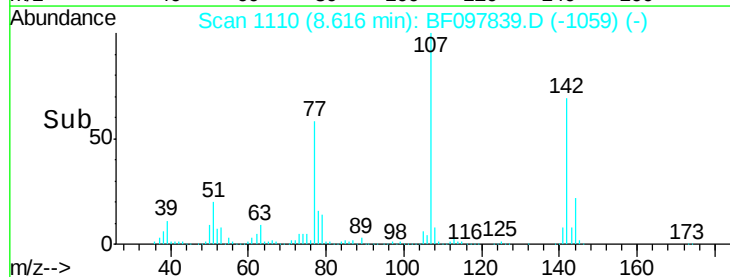
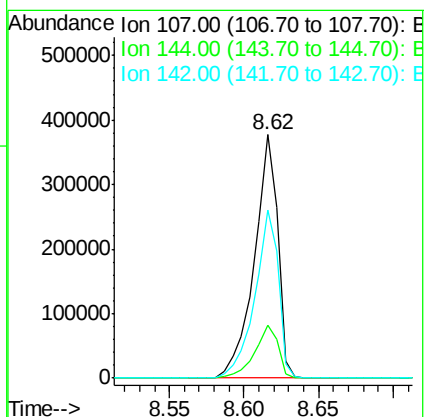
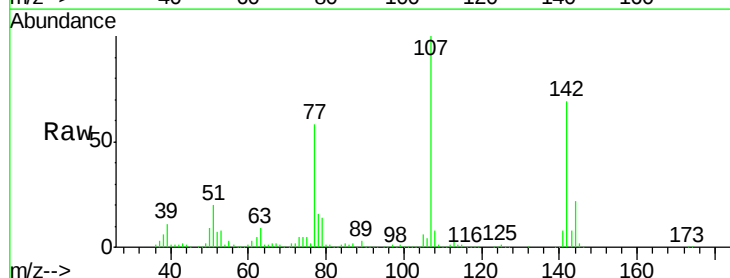
Instrument :
BNA_F
ClientSampleId :
PB101579BS

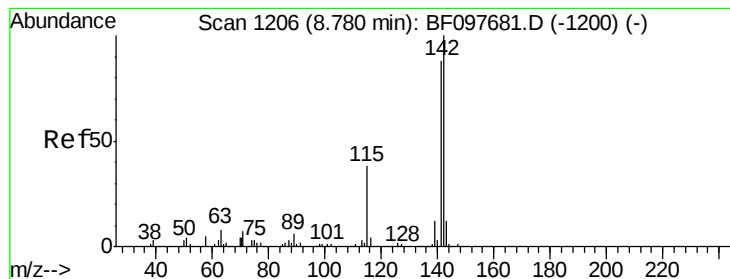
Tot Ion:113 Resp: 73747
Ion Ratio Lower Upper
113 100
55 181.1 150.2 190.2
56 137.2 107.8 147.8



#36
4-Chloro-3-methylphenol
Concen: 40.48 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:107 Resp: 406212
Ion Ratio Lower Upper
107 100
144 21.8 24.2 36.4#
142 68.8 73.4 110.0#





#37

2-Methylnaphthalene

Concen: 40.46 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

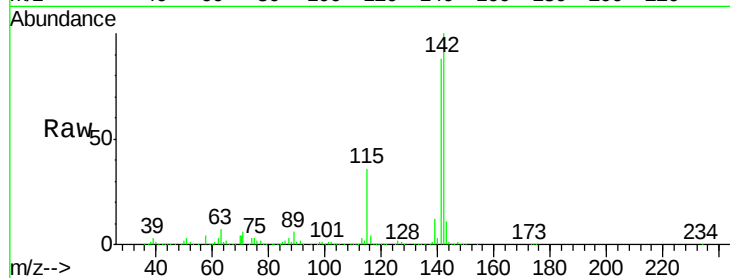
Tot Ion:142 Resp: 758990

Ion Ratio Lower Upper

142 100

141 88.1 71.3 106.9

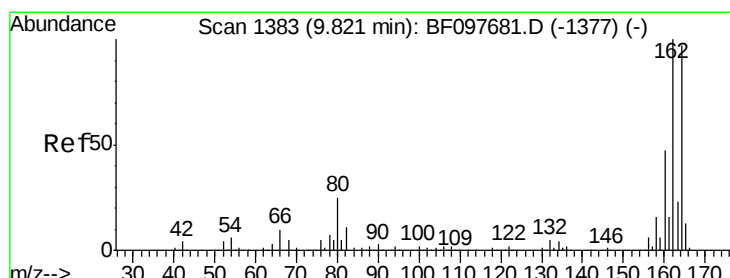
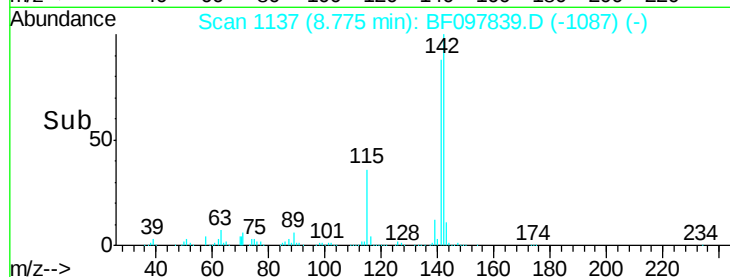
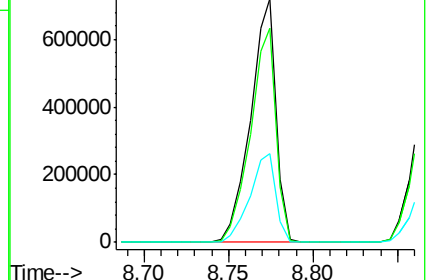
115 36.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

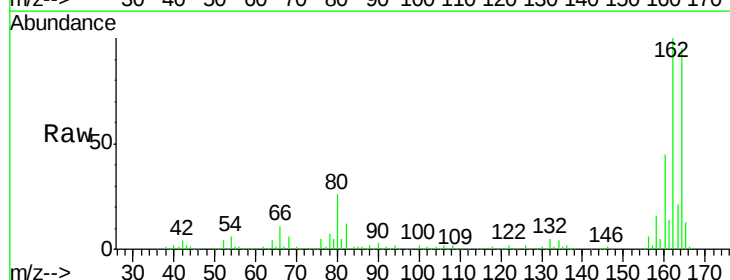
Tgt Ion:164 Resp: 266378

Ion Ratio Lower Upper

164 100

162 105.1 82.6 123.8

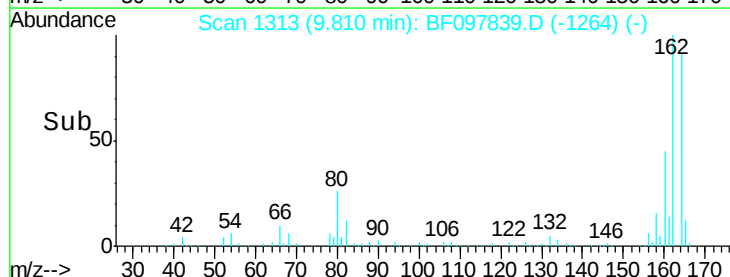
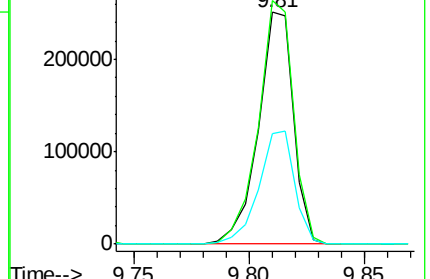
160 47.5 36.2 54.2

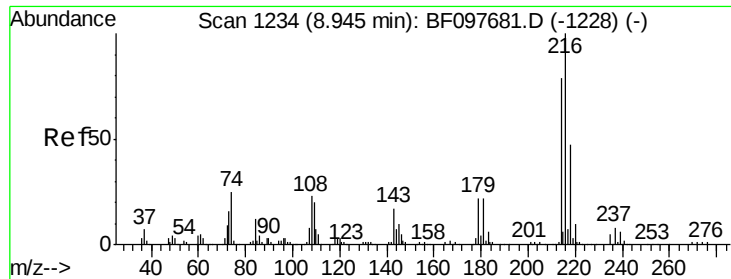


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

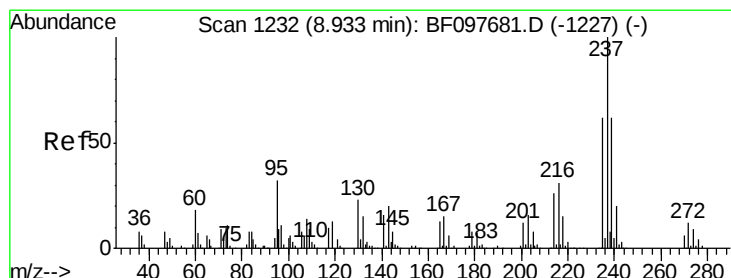
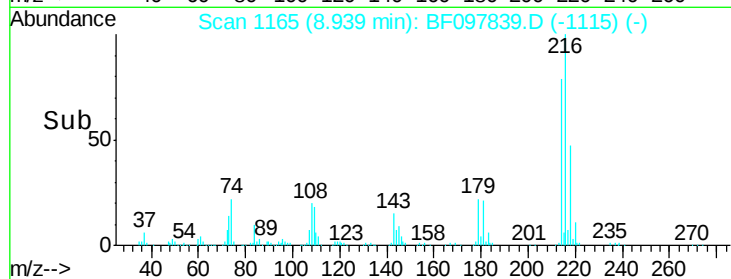
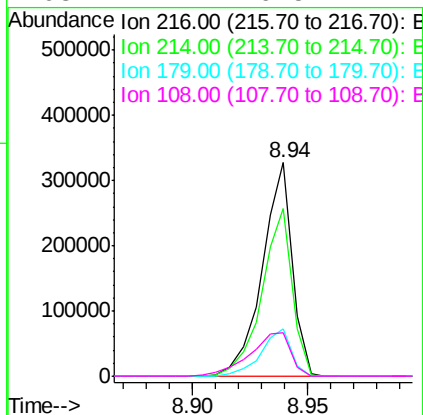
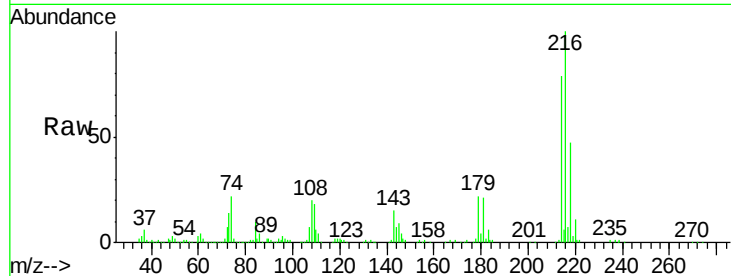




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.25 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

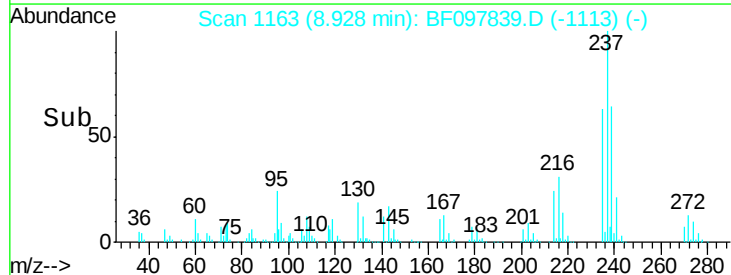
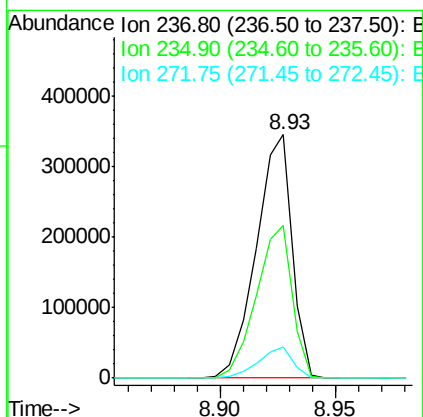
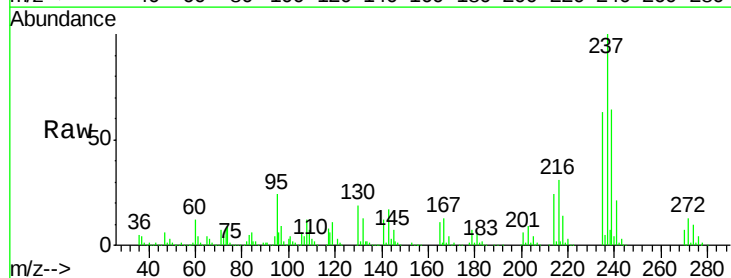
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

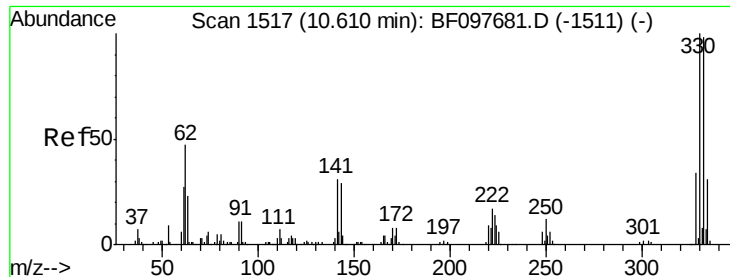
Tot Ion:216	Resp:	296379
Ion Ratio	Lower	Upper
216	100	
214	78.9	63.4 95.2
179	22.3	17.9 26.9
108	27.7	16.5 24.7#



#40
 Hexachlorocyclopentadiene
 Concen: 94.62 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:237	Resp:	371593
Ion Ratio	Lower	Upper
237	100	
235	62.9	42.6 82.6
272	12.6	0.0 31.9

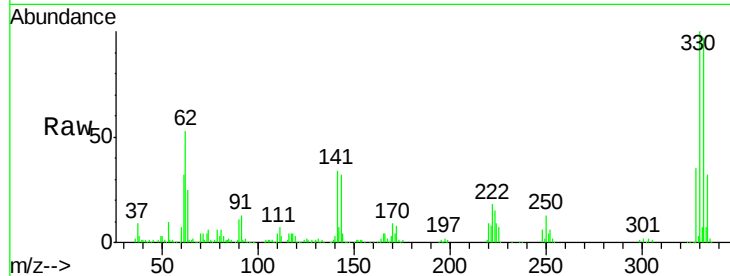




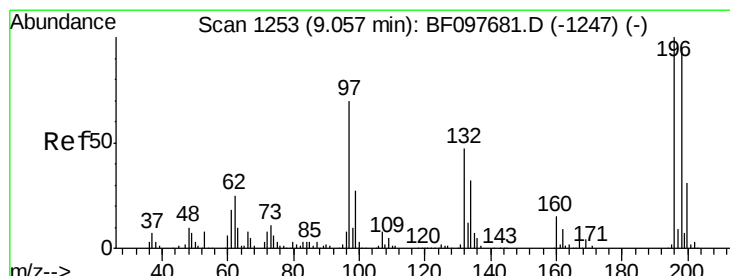
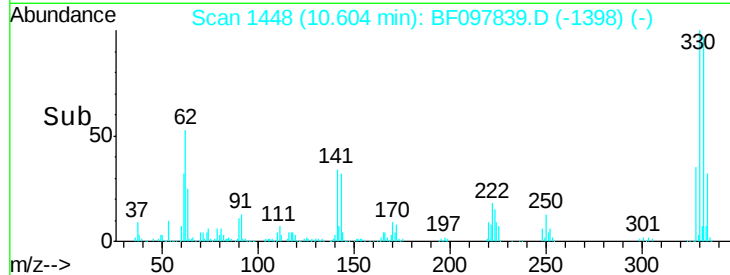
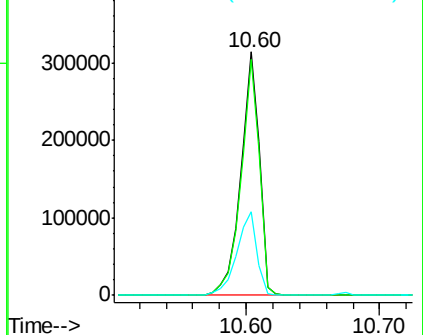
#41
 2,4,6-Tribromophenol
 Concen: 131.20 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

Tot Ion:330 Resp: 303241
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.4 31.4 47.2

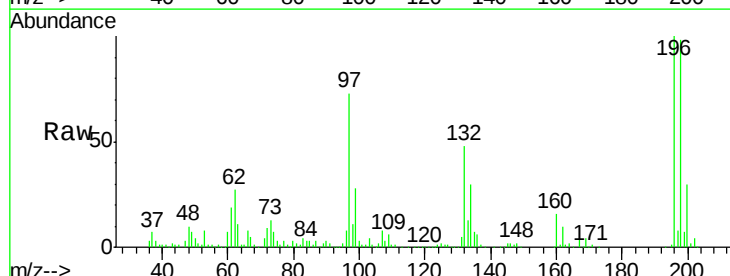


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

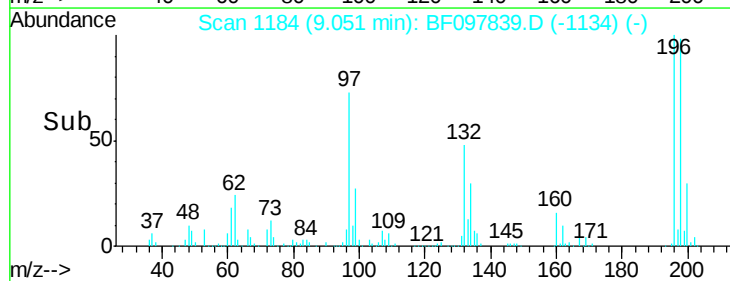
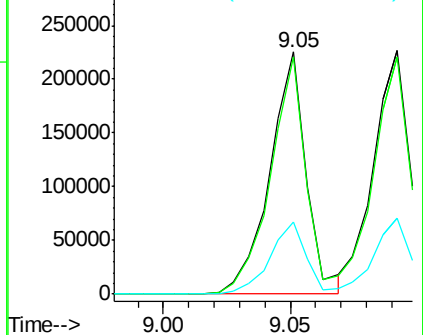


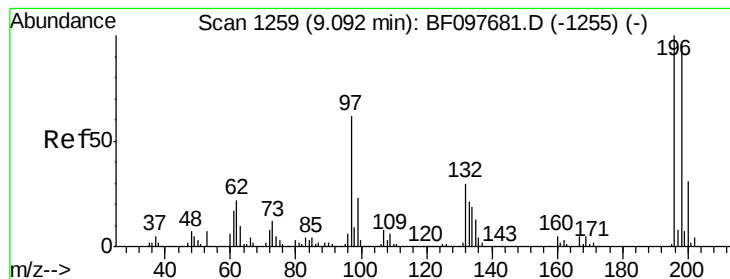
#42
 2,4,6-Trichlorophenol
 Concen: 41.48 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:196 Resp: 227656
 Ion Ratio Lower Upper
 196 100
 198 97.9 74.2 111.4
 200 29.5 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: 41.28 ng

RT: 9.09 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

Tot Ion:196 Resp: 224772

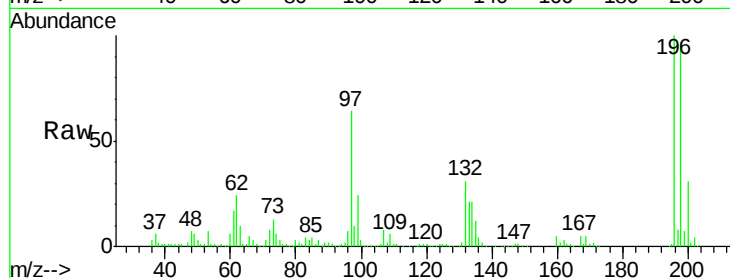
Ion Ratio Lower Upper

196 100

198 97.2 75.7 113.5

97 64.4 47.7 71.5

132 30.8 28.0 42.0

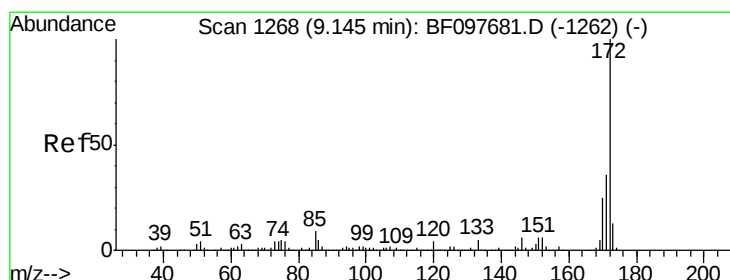
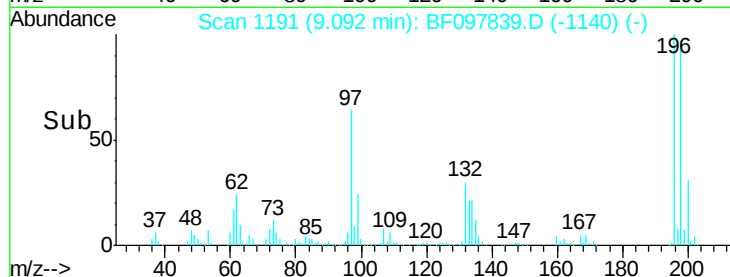
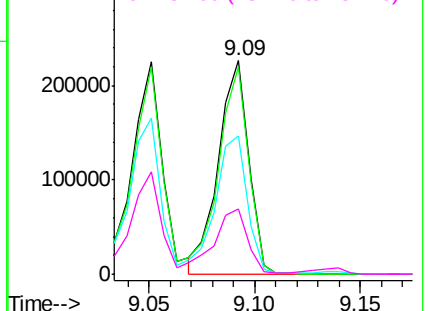


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 79.87 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

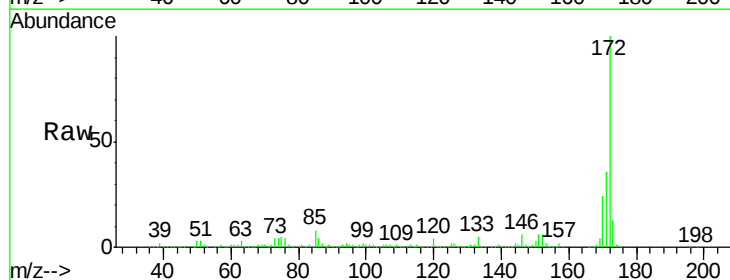
Tgt Ion:172 Resp: 1448050

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

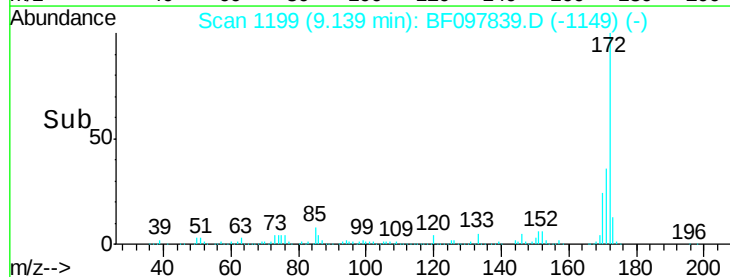
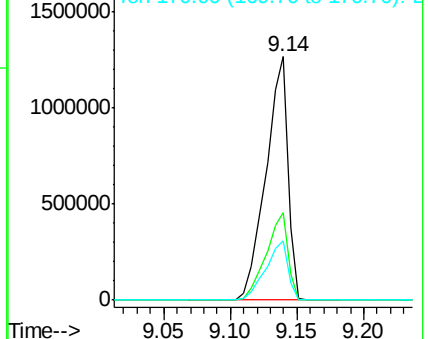
170 24.4 19.8 29.8

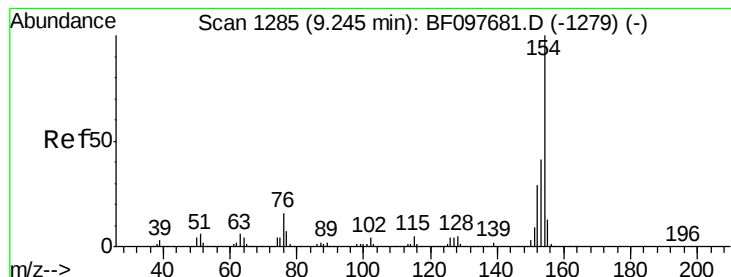


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.61 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

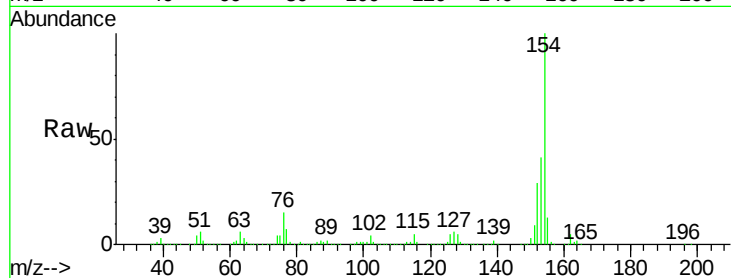
Tot Ion:154 Resp: 889351

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

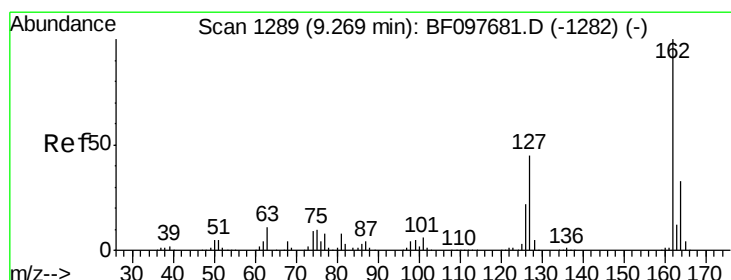
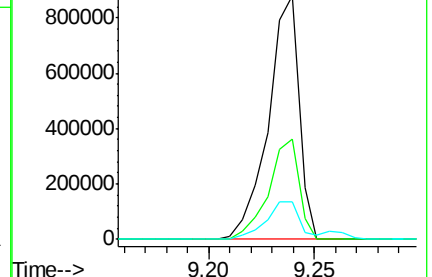
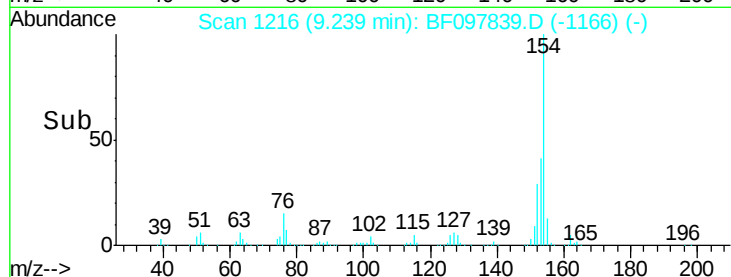
76 15.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.91 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

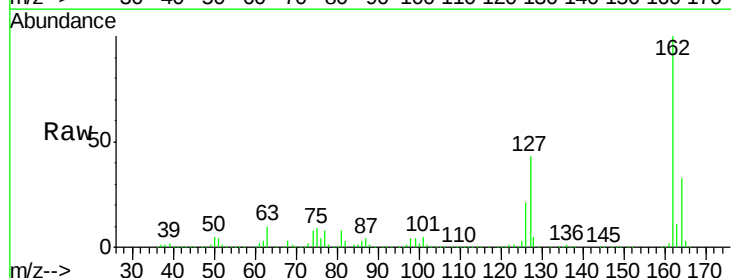
Tgt Ion:162 Resp: 662449

Ion Ratio Lower Upper

162 100

127 42.5 28.3 42.5#

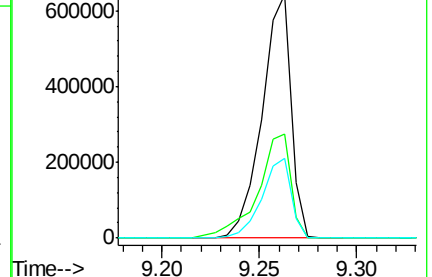
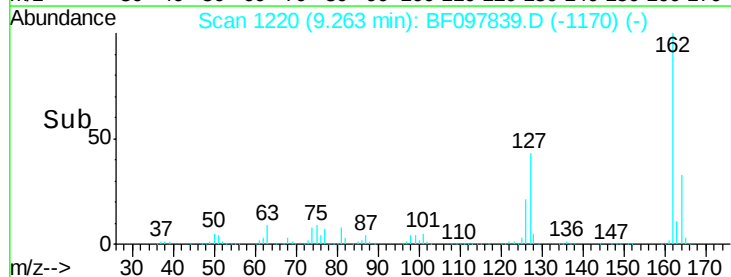
164 32.6 27.0 40.4

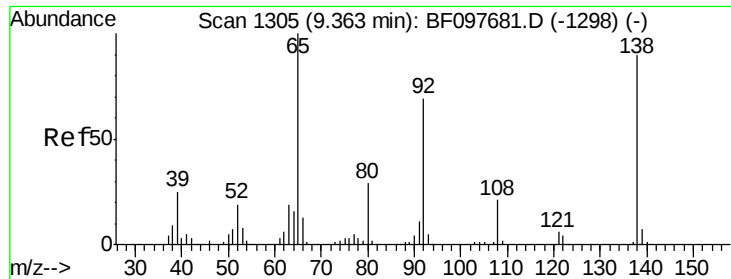


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

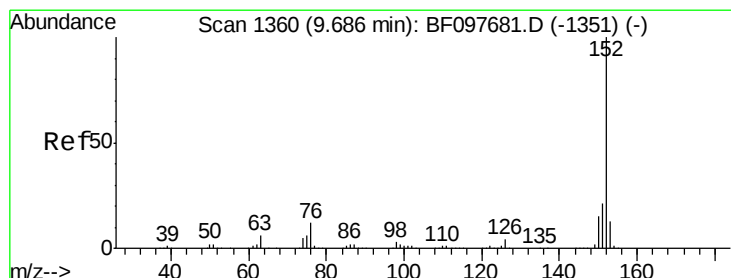
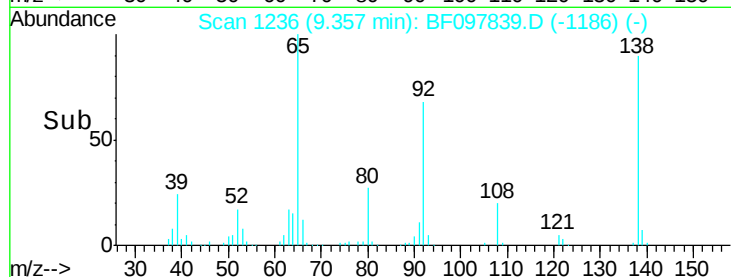
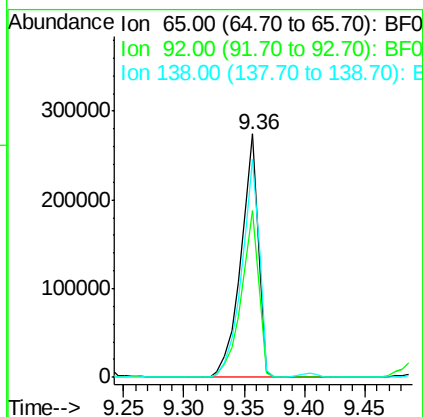
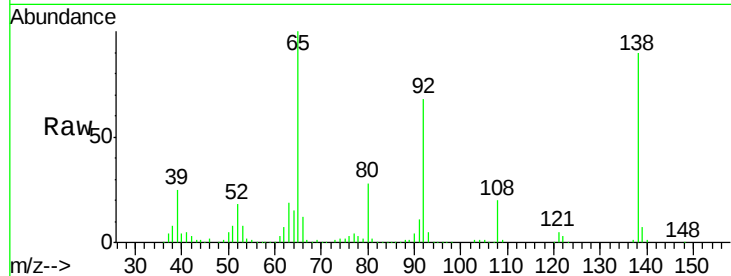




#47
2-Nitroaniline
Concen: 46.51 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

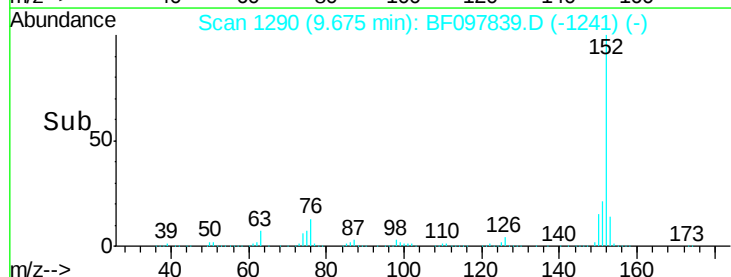
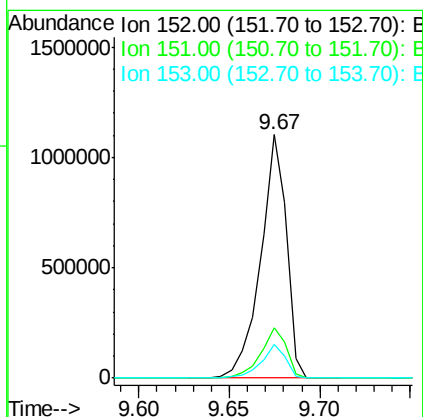
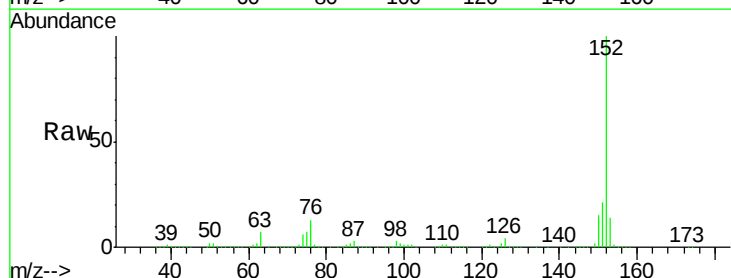
Instrument :
BNA_F
ClientSampleId :
PB101579BS

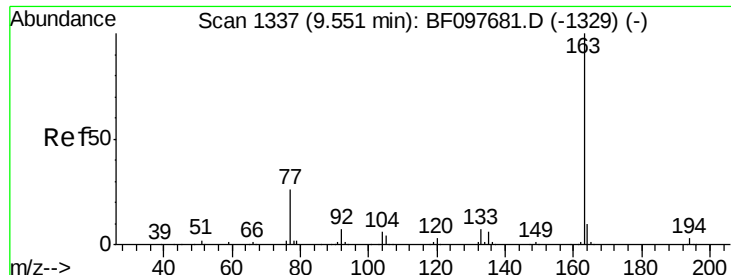
Tot Ion: 65 Resp: 279866
Ion Ratio Lower Upper
65 100
92 68.3 53.9 80.9
138 89.7 78.8 118.2



#48
Acenaphthylene
Concen: 38.68 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion: 152 Resp: 1090063
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2
153 13.7 10.8 16.2

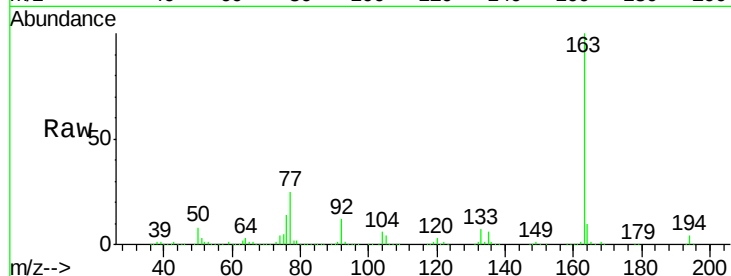




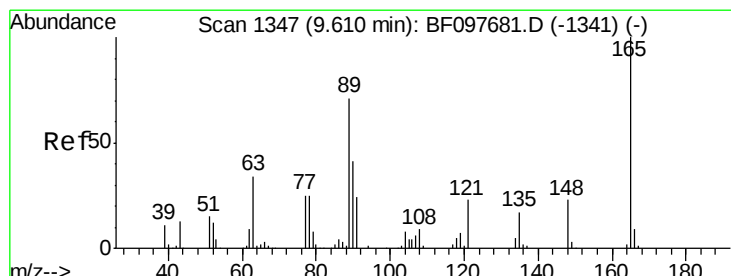
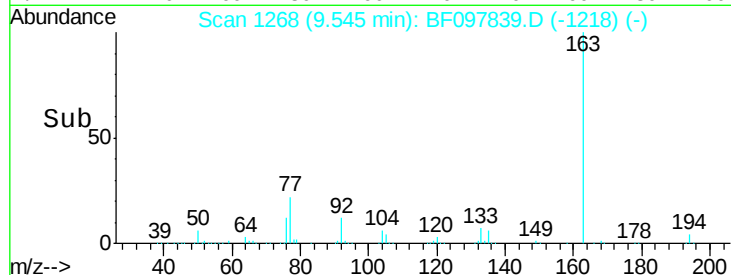
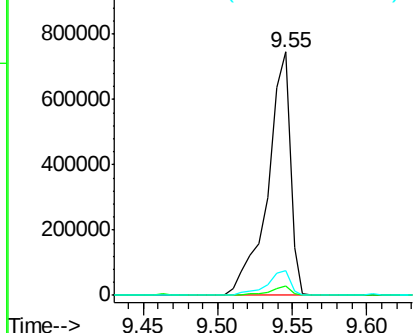
#49
Dimethylphthalate
Concen: 40.11 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Instrument :
BNA_F
ClientSampleId :
PB101579BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.2	8.4	12.6

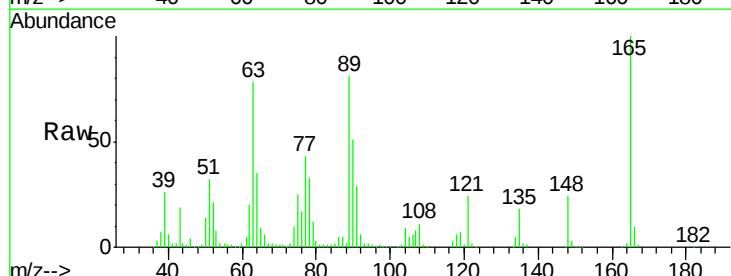


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

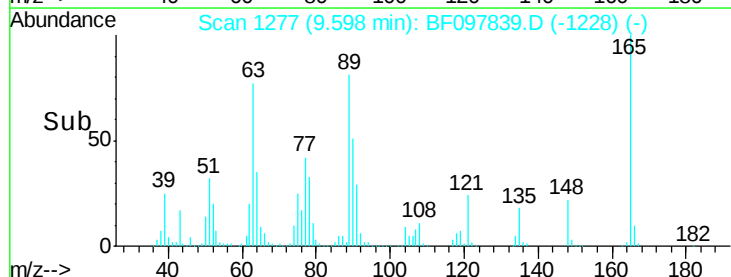
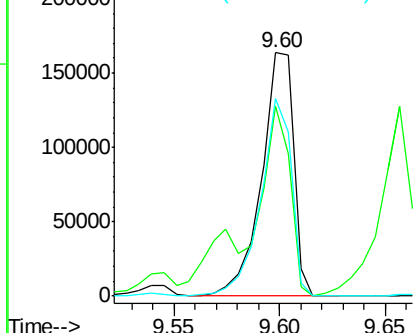


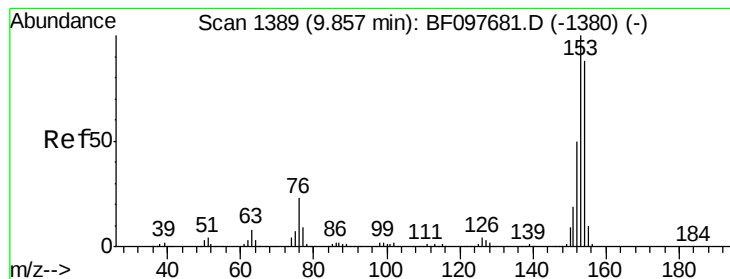
#50
2,6-Dinitrotoluene
Concen: 44.67 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.7	34.3	51.5#
89	80.9	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: 36.77 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

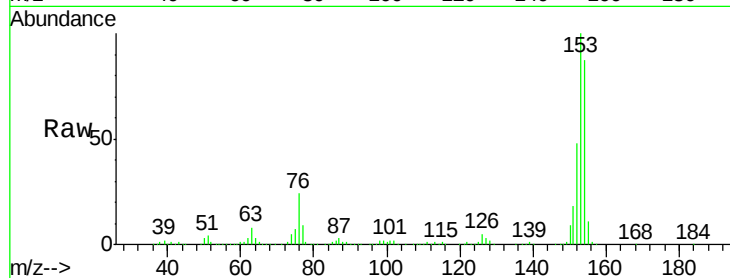
Tot Ion:154 Resp: 653703

Ion Ratio Lower Upper

154 100

153 114.6 90.5 135.7

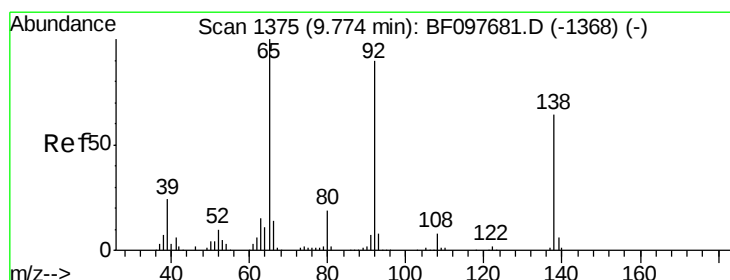
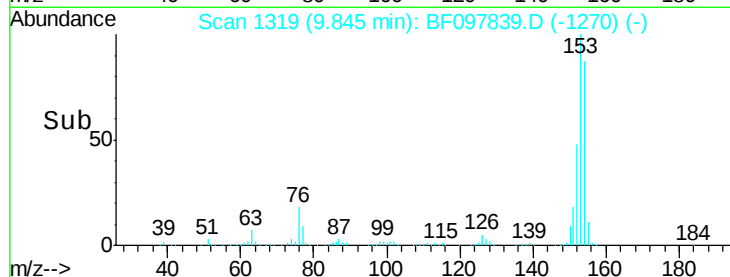
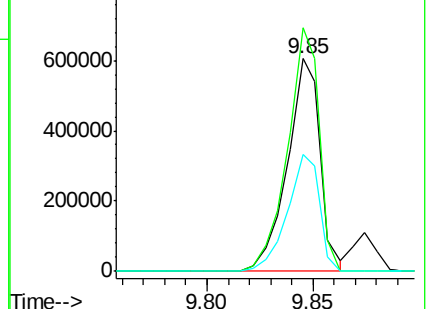
152 55.1 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.04 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

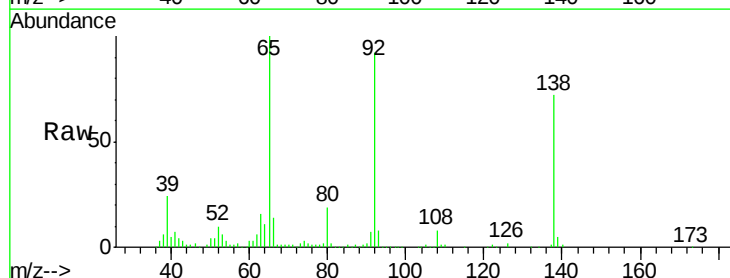
Tgt Ion:138 Resp: 120532

Ion Ratio Lower Upper

138 100

108 10.5 9.1 13.7

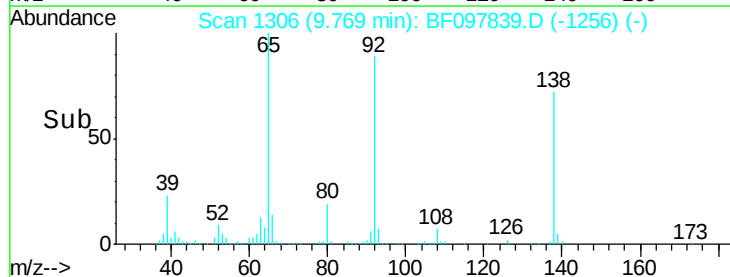
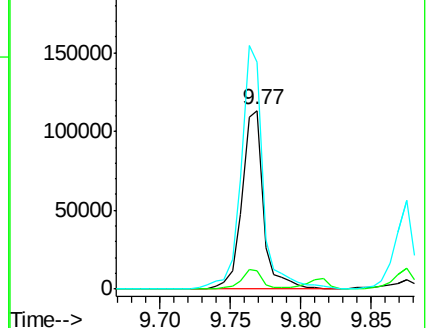
92 127.5 93.8 140.6

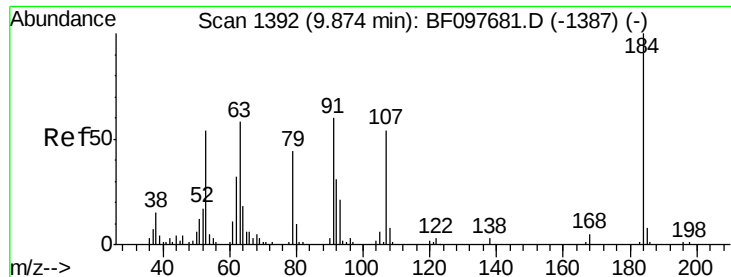


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

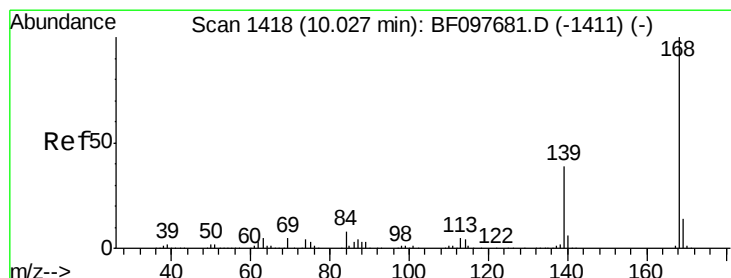
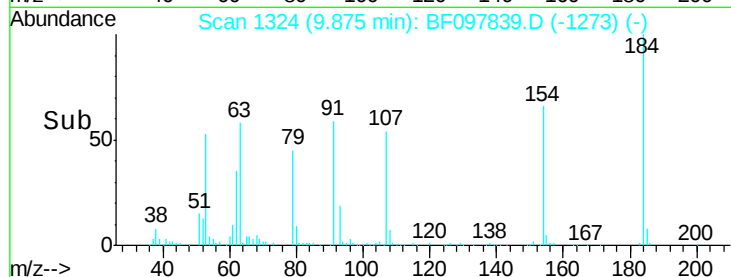
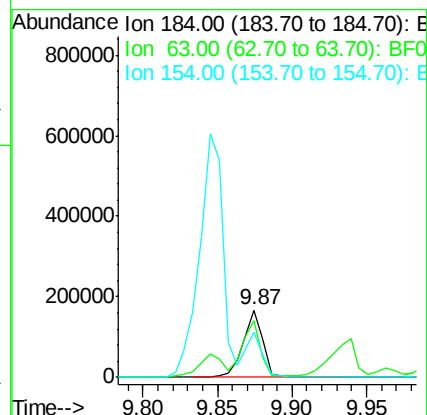
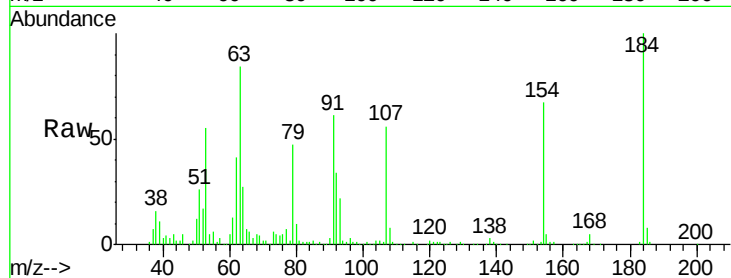




#53
2,4-Dinitrophenol
Concen: 84.03 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

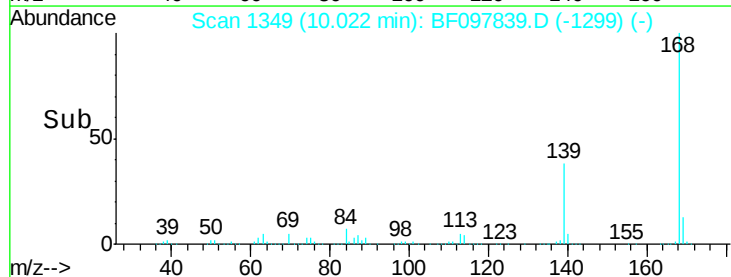
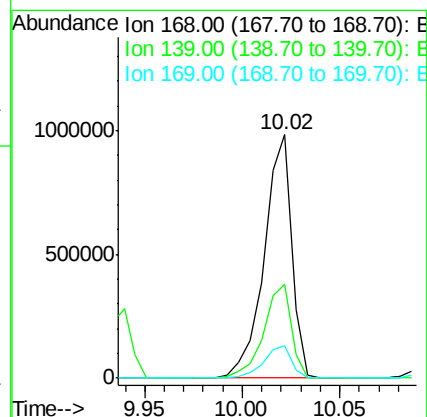
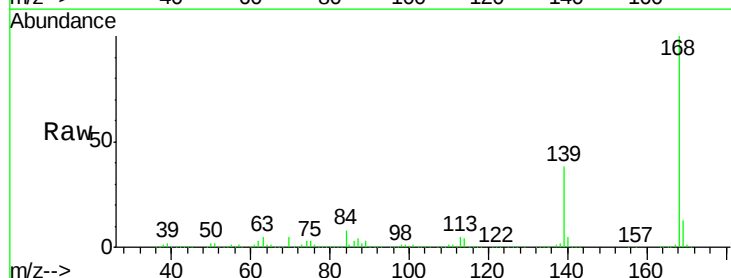
Instrument :
BNA_F
ClientSampleId :
PB101579BS

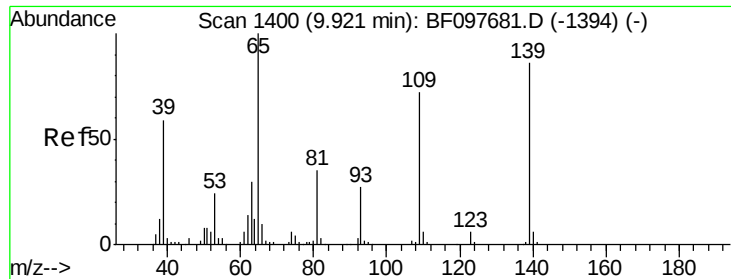
Tot Ion:184 Resp: 156449
Ion Ratio Lower Upper
184 100
63 84.4 62.7 94.1
154 66.5 81.1 121.7#



#54
Dibenzofuran
Concen: 40.37 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:168 Resp: 961662
Ion Ratio Lower Upper
168 100
139 38.3 30.6 45.8
169 13.2 10.8 16.2





#55

4-Nitrophenol

Concen: 80.55 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.02 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

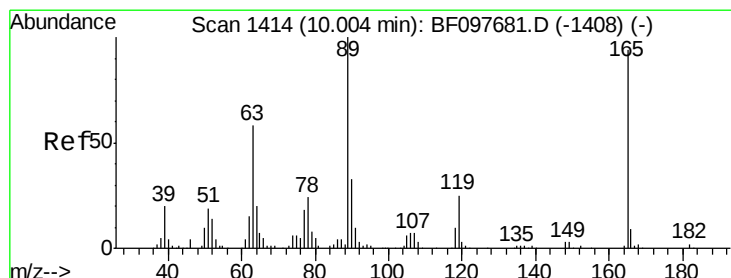
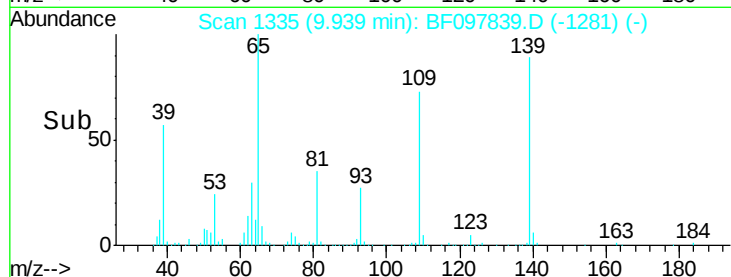
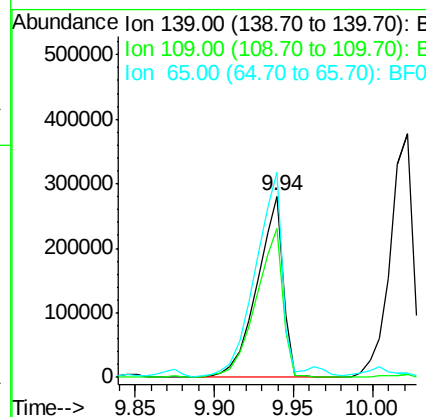
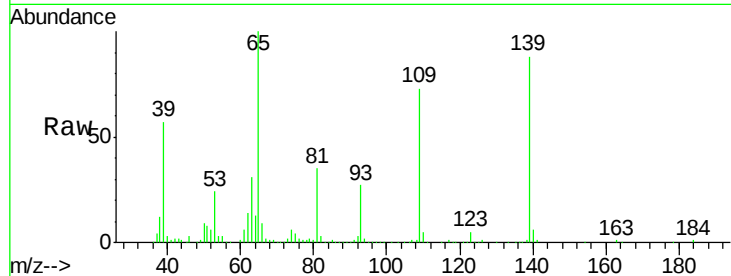
Tot Ion:139 Resp: 322220

Ion Ratio Lower Upper

139 100

109 82.1 34.1 74.1#

65 113.1 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 47.19 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.00 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Tgt Ion:165 Resp: 230184

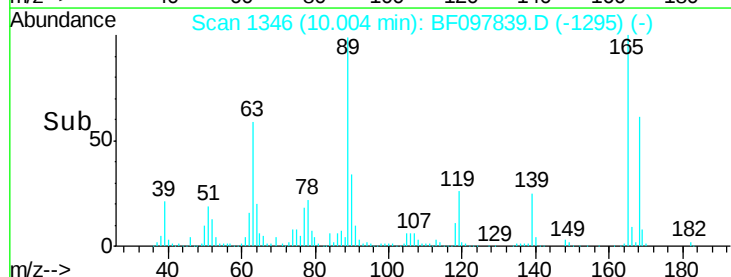
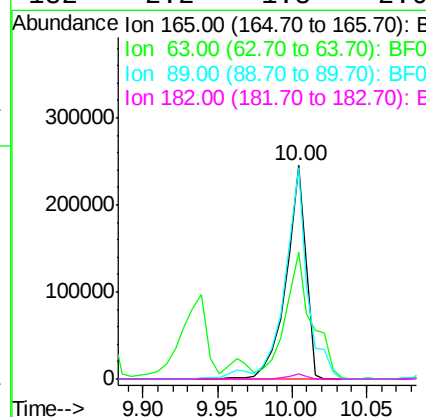
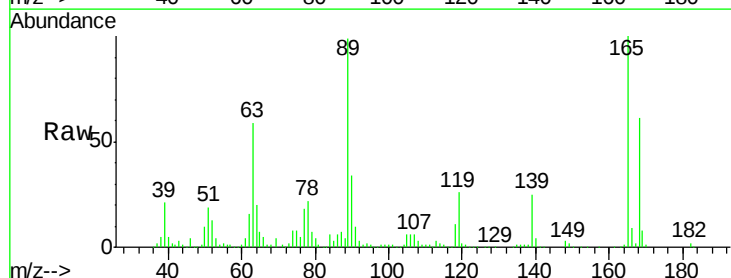
Ion Ratio Lower Upper

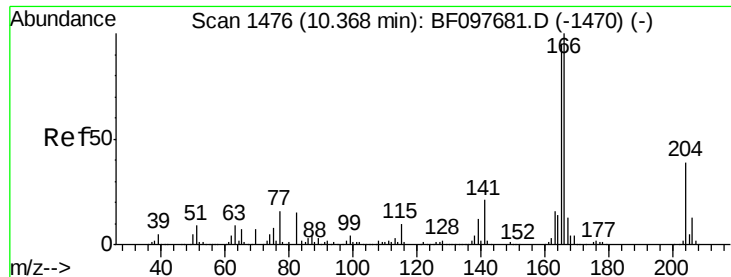
165 100

63 59.4 25.4 38.0#

89 98.7 46.4 69.6#

182 2.2 1.8 2.6

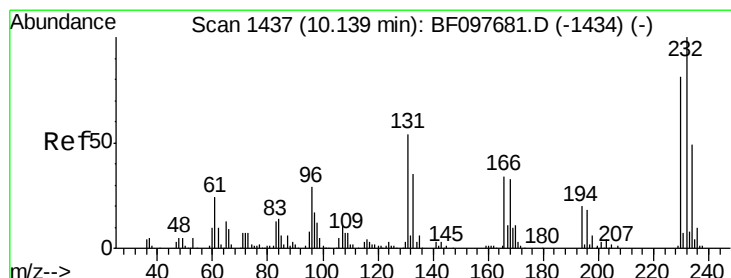
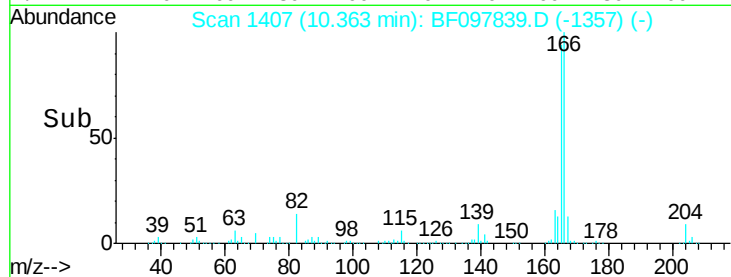
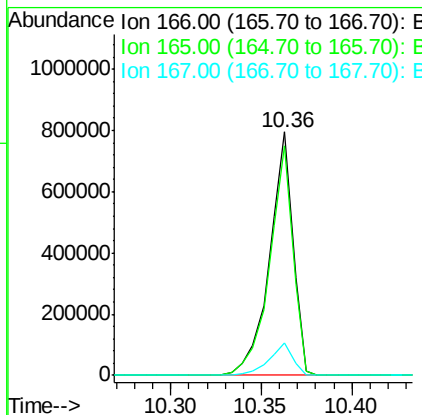
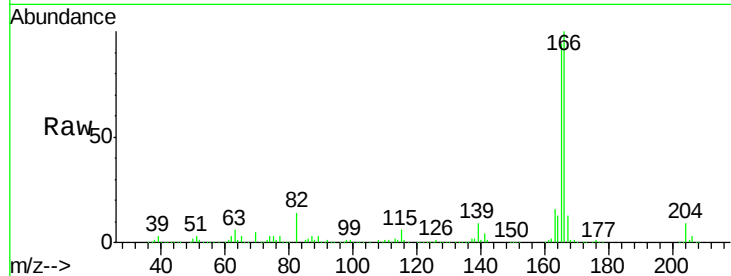




#57
Fluorene
 Concen: 38.74 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

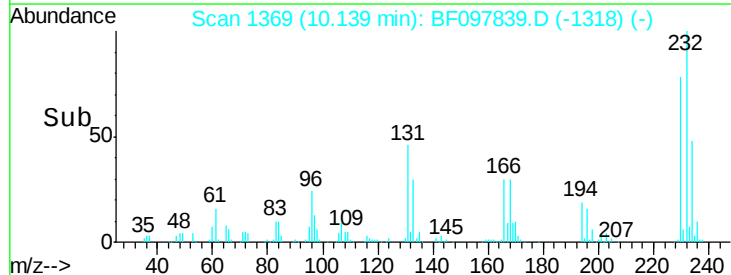
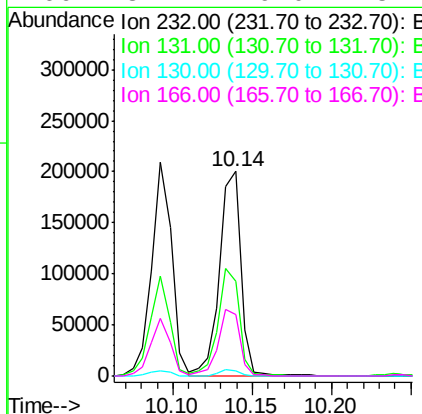
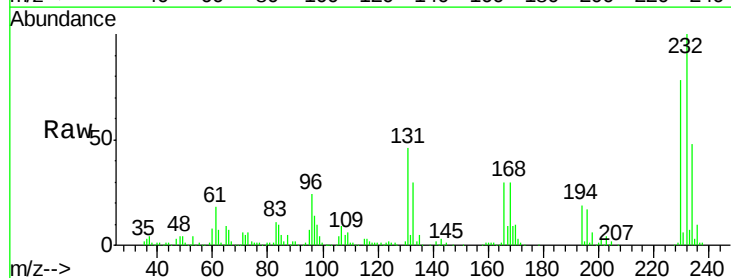
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

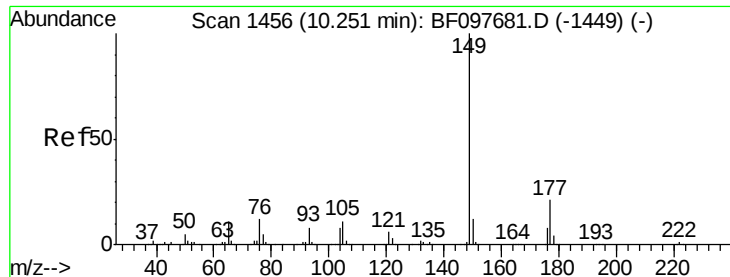
Tot Ion:166 Resp: 713548
 Ion Ratio Lower Upper
 166 100
 165 94.3 78.8 118.2
 167 13.2 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 44.42 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:232 Resp: 187264
 Ion Ratio Lower Upper
 232 100
 131 53.0 44.8 67.2
 130 2.8 2.3 3.5
 166 32.4 29.0 43.4

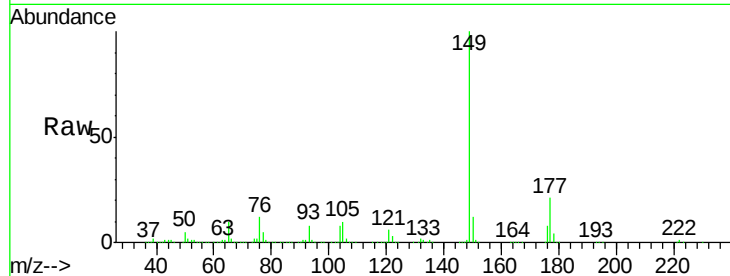




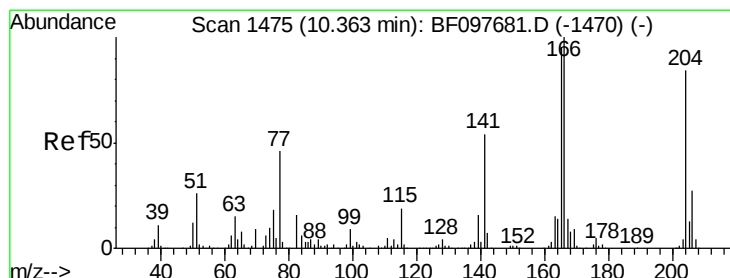
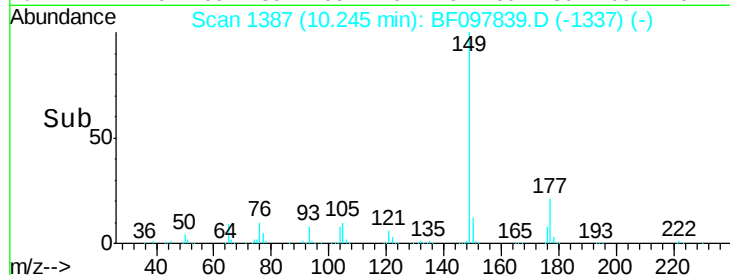
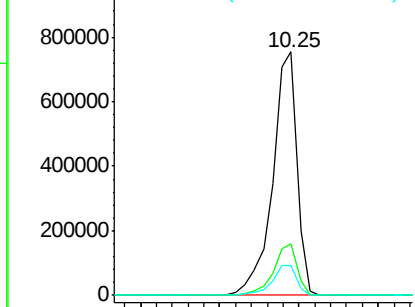
#59
Diethylphthalate
Concen: 39.51 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Instrument :
BNA_F
ClientSampleId :
PB101579BS

Tot Ion:149 Resp: 804531
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.3 10.2 15.2

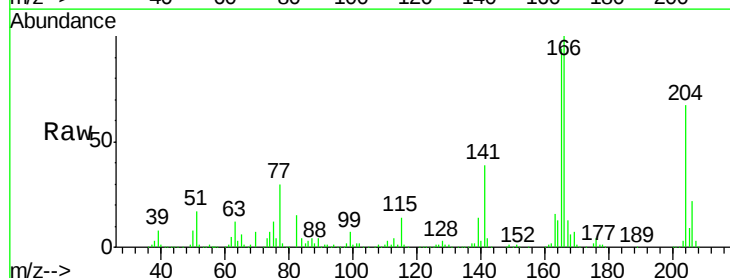


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

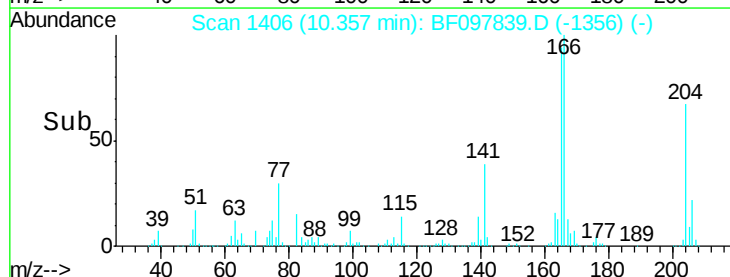
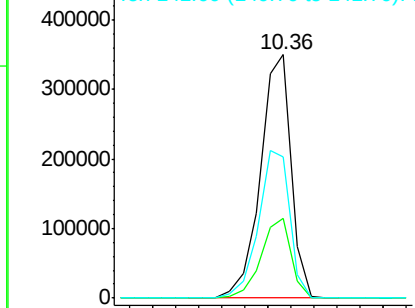


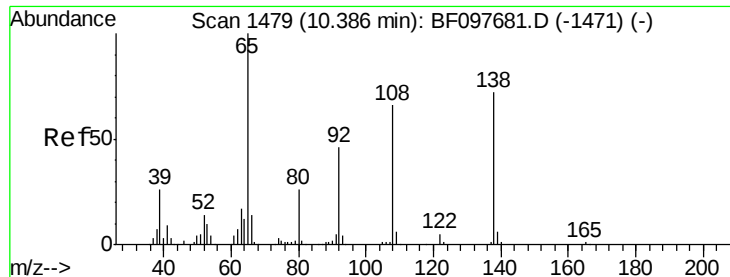
#60
4-Chlorophenyl-phenylether
Concen: 37.76 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:204 Resp: 323138
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 58.1 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

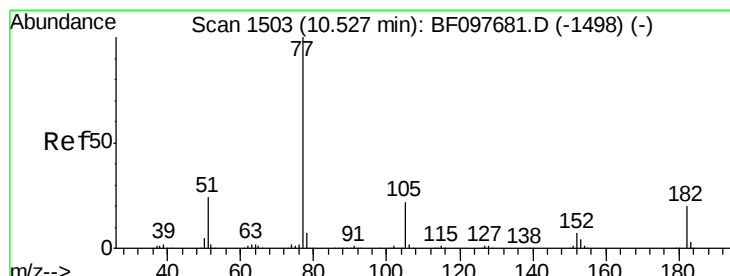
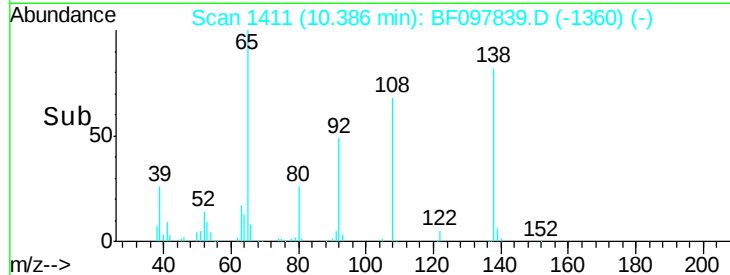
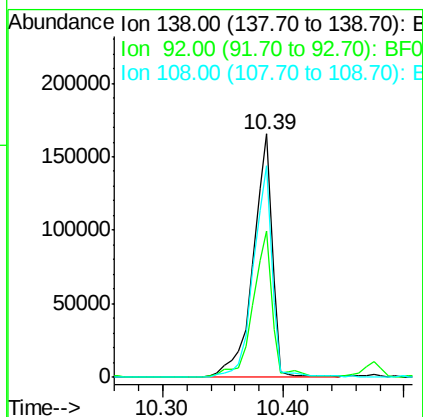
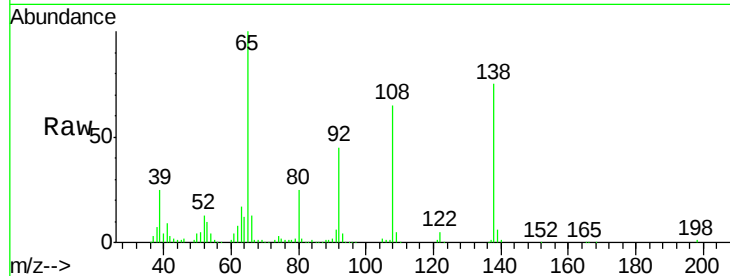




#61
 4-Nitroaniline
 Concen: 38.80 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

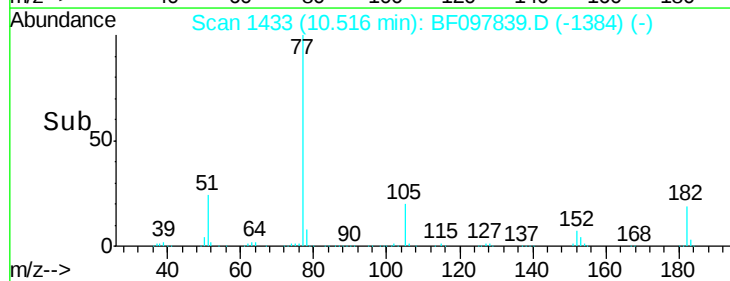
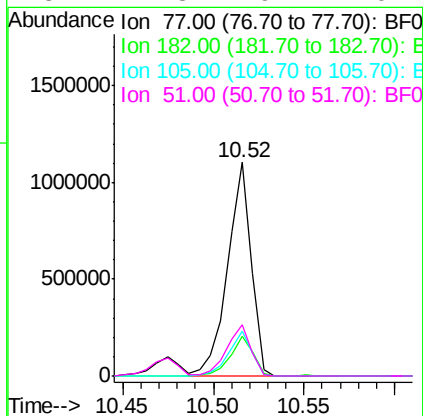
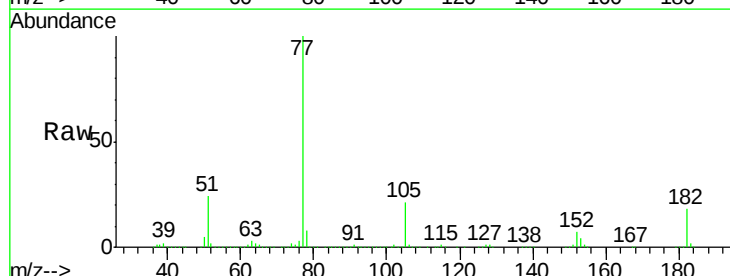
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

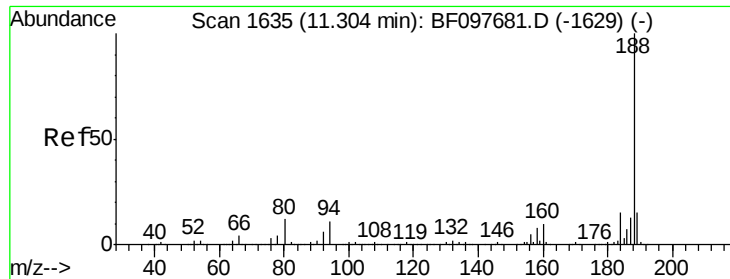
Tot Ion:138 Resp: 184910
 Ion Ratio Lower Upper
 138 100
 92 60.1 21.8 61.8
 108 87.1 42.3 82.3#



#62
 Azobenzene
 Concen: 41.34 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion: 77 Resp: 999918
 Ion Ratio Lower Upper
 77 100
 182 18.4 0.1 40.1
 105 20.9 3.6 43.6
 51 24.3 9.4 49.4

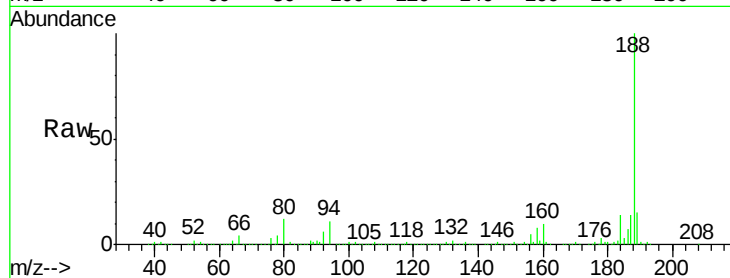




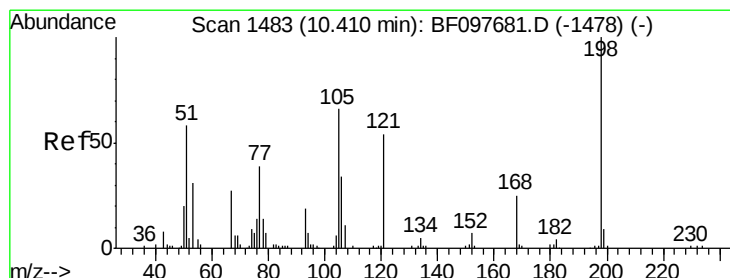
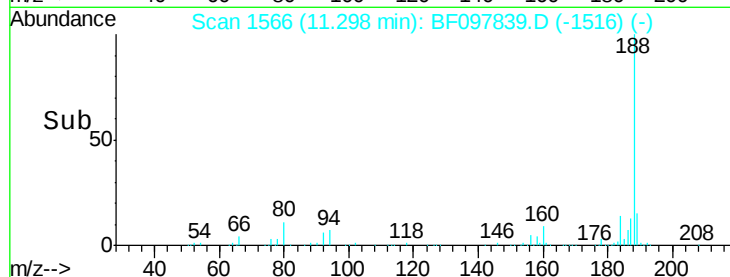
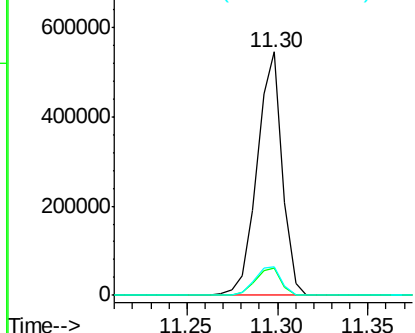
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Instrument :
BNA_F
ClientSampleId :
PB101579BS

Tot Ion:188 Resp: 523167
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 11.9 10.2 15.2

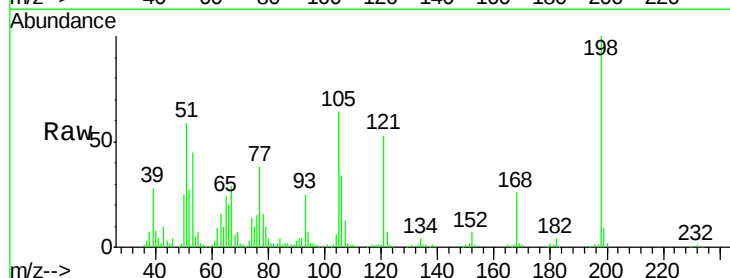


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

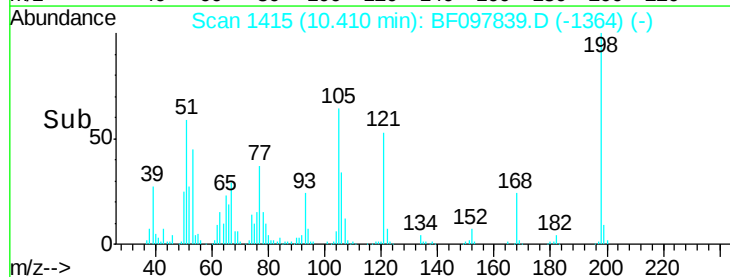
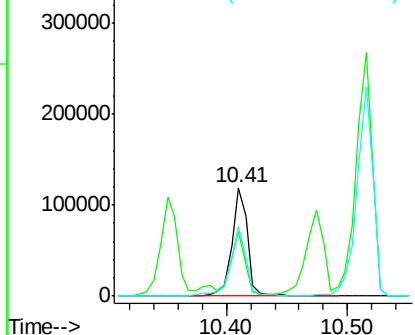


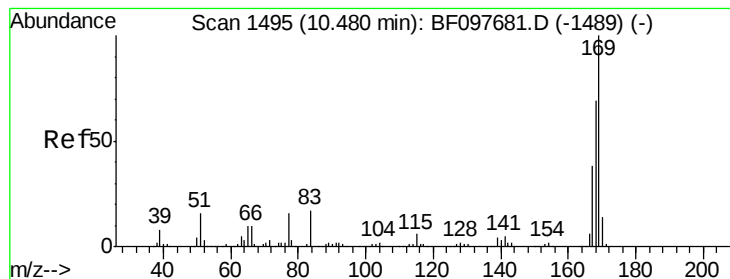
#64
4,6-Dinitro-2-methylphenol
Concen: 44.44 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:198 Resp: 107717
Ion Ratio Lower Upper
198 100
51 59.1 53.2 93.2
105 63.8 45.8 85.8



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





#65

n-Nitrosodiphenylamine

Concen: 37.22 ng

RT: 10.47 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

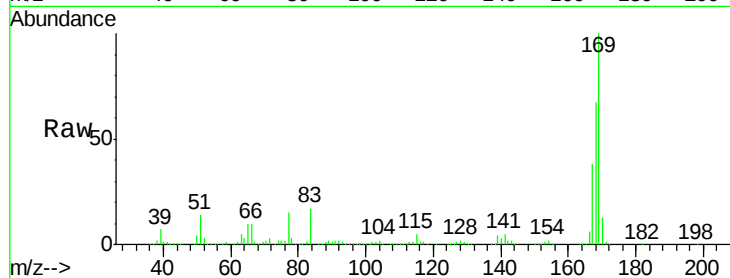
Tot Ion:169 Resp: 663108

Ion Ratio Lower Upper

169 100

168 67.1 53.2 79.8

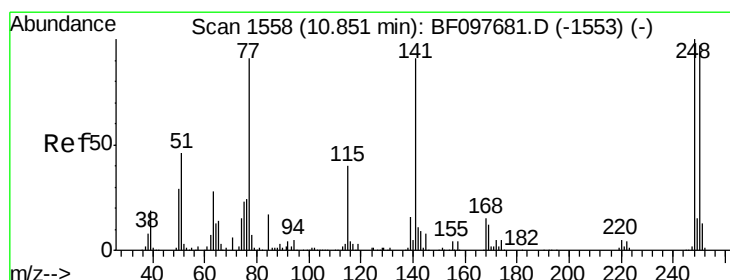
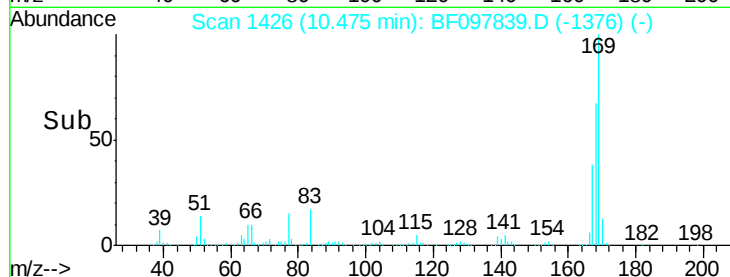
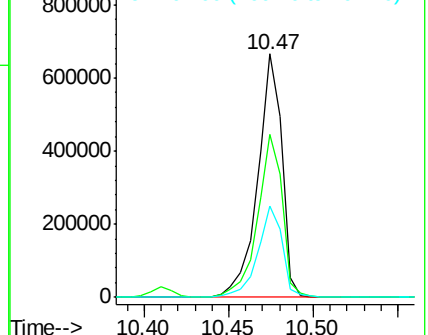
167 37.7 29.5 44.3



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: 38.24 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

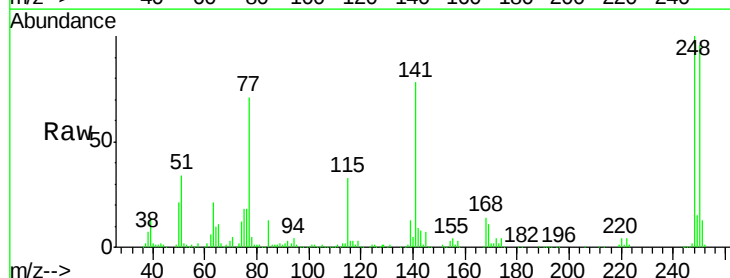
Tgt Ion:248 Resp: 207746

Ion Ratio Lower Upper

248 100

250 96.5 76.8 115.2

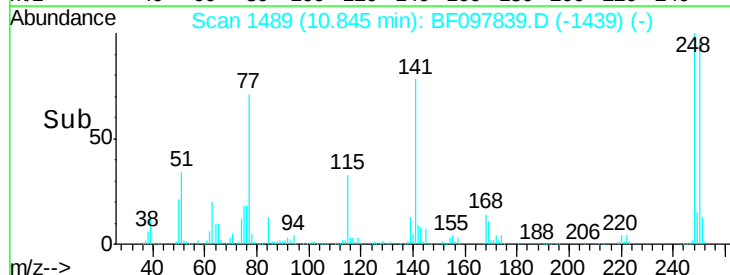
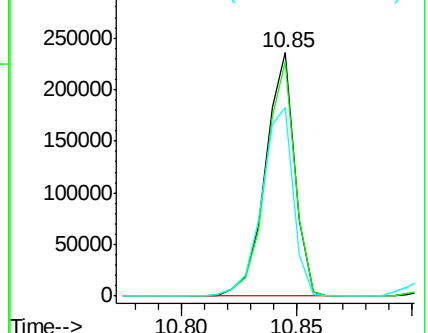
141 77.6 68.6 103.0

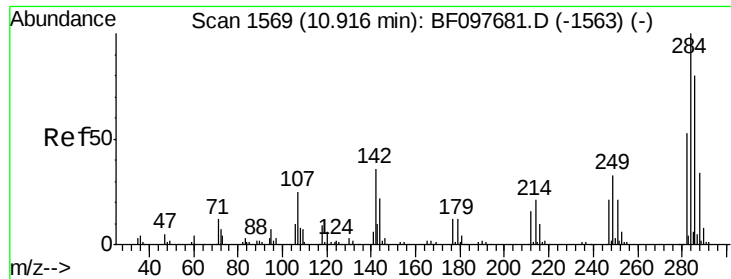


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

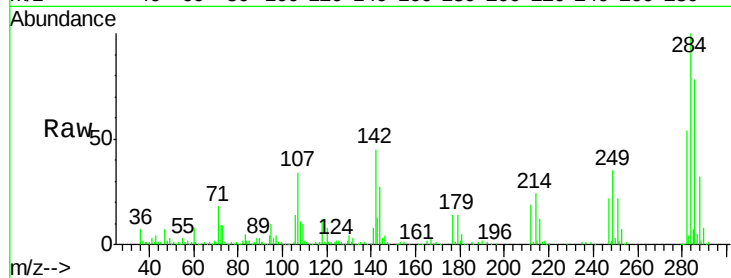




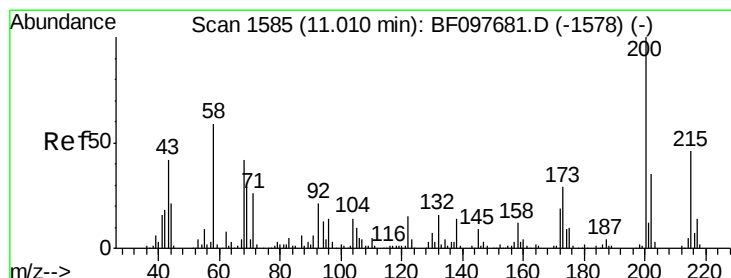
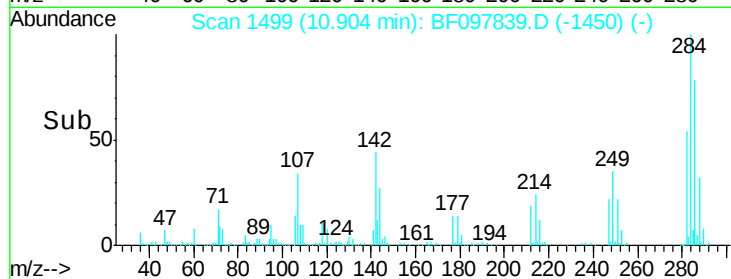
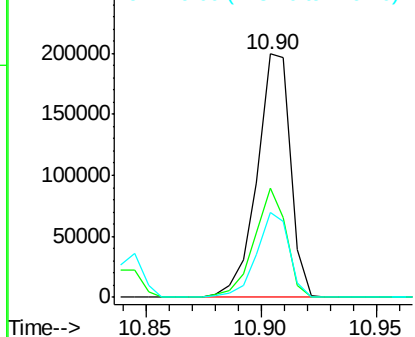
#67
Hexachlorobenzene
Concen: 36.55 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Instrument :
BNA_F
ClientSampleId :
PB101579BS

Tot Ion:284 Resp: 202398
Ion Ratio Lower Upper
284 100
142 44.6 22.8 34.2#
249 34.8 24.0 36.0

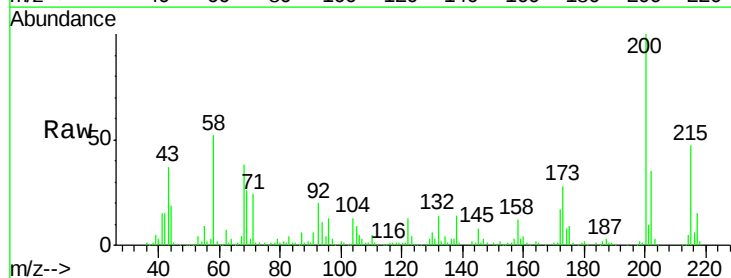


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

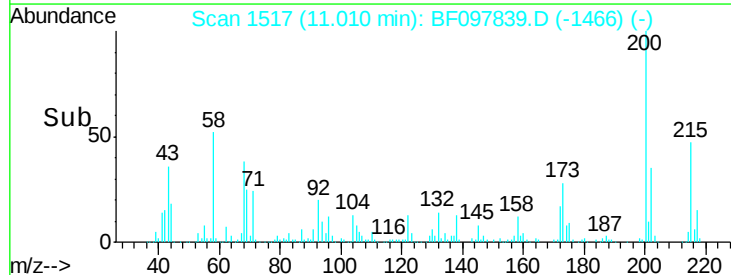
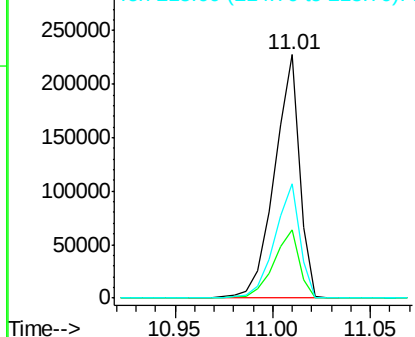


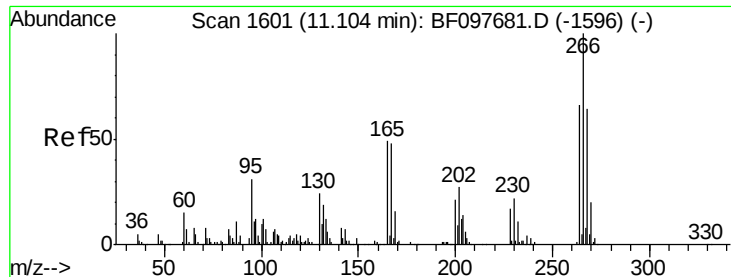
#68
Atrazine
Concen: 42.91 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:200 Resp: 202734
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 47.1 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

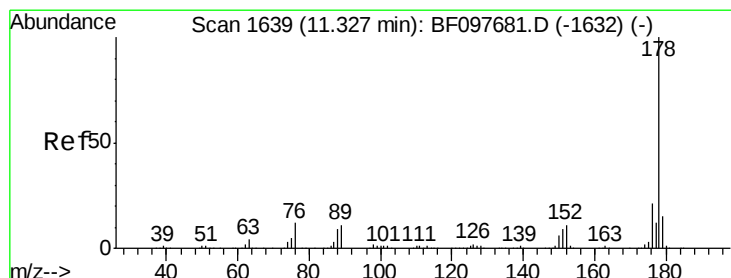
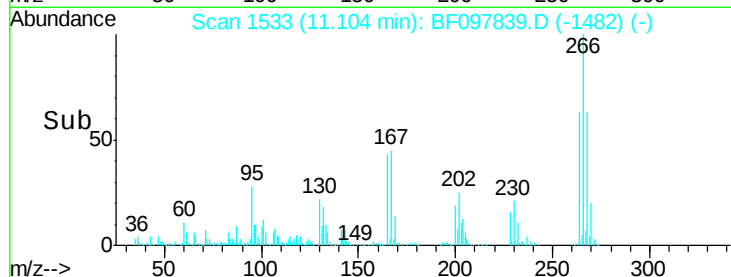
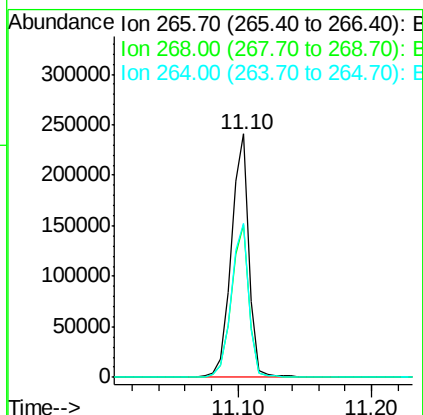
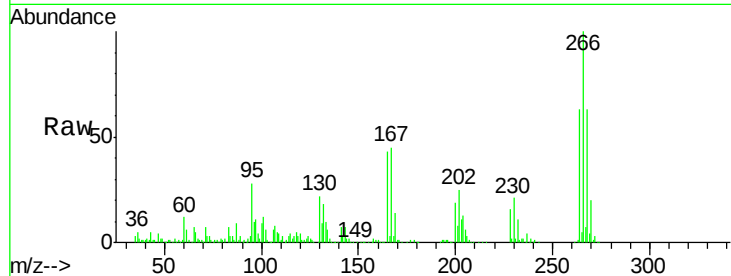




#69
 Pentachlorophenol
 Concen: 69.46 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

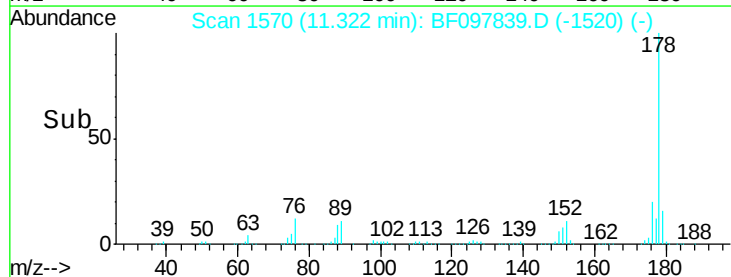
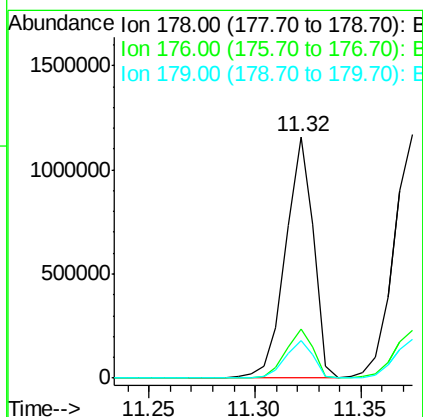
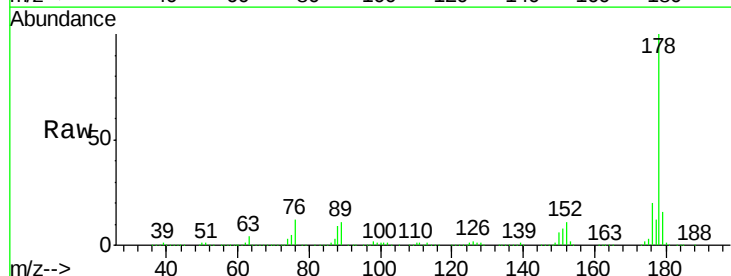
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

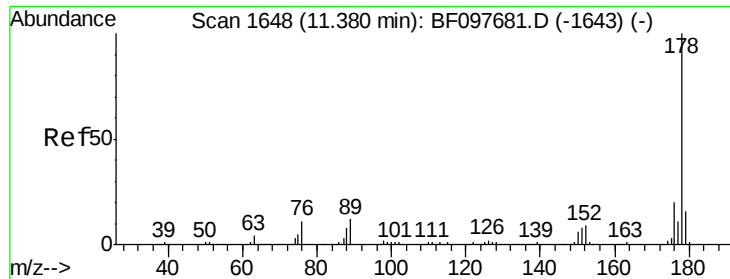
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	63.2	51.7	77.5



#70
 Phenanthrene
 Concen: 38.18 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.8	12.6	19.0



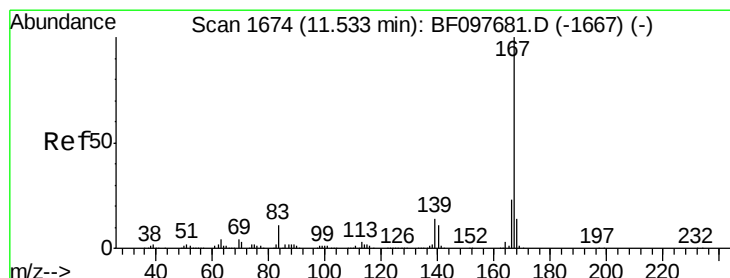
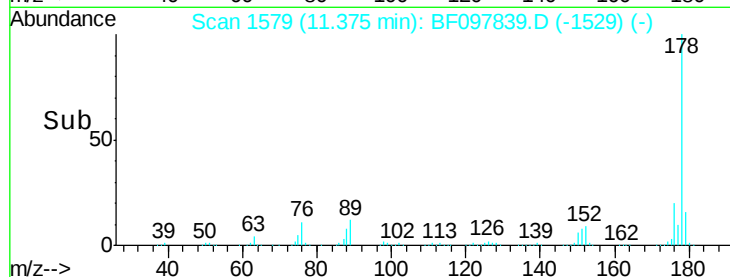
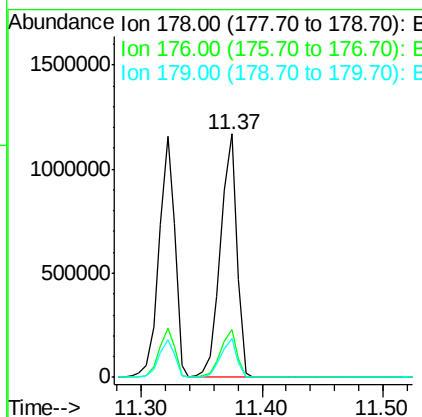
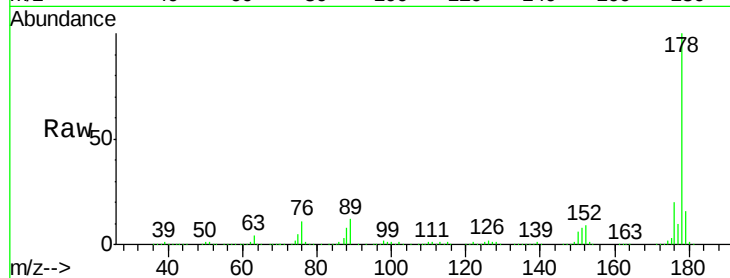


#71
 Anthracene
 Concen: 38.58 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

Tot Ion:178 Resp: 1090957

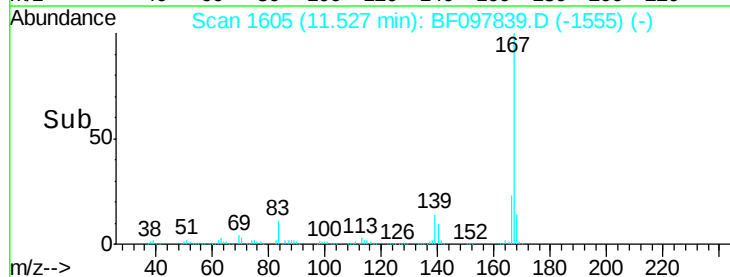
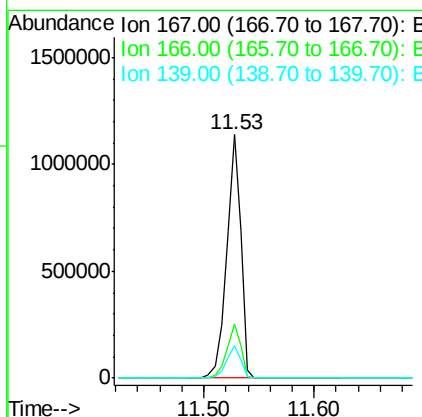
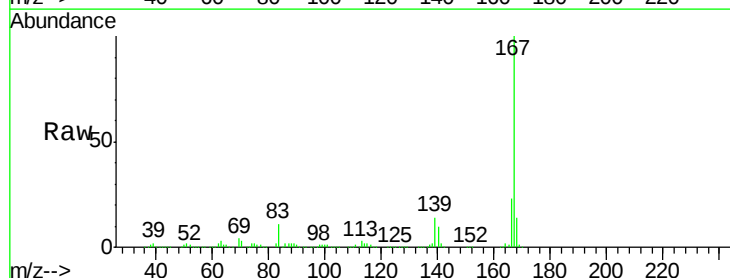
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.8	12.7	19.1

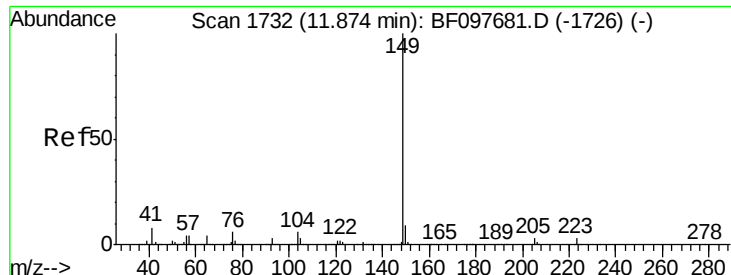


#72
 Carbazole
 Concen: 38.14 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:167 Resp: 1023780

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.1	27.1
139	13.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 40.89 ng

RT: 11.86 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

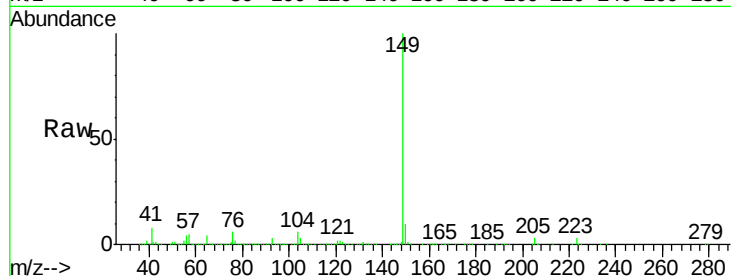
Tot Ion:149 Resp: 1264016

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

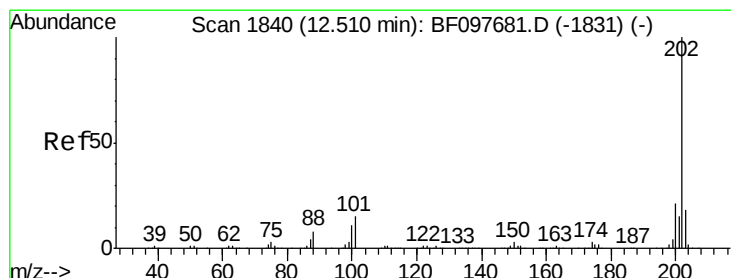
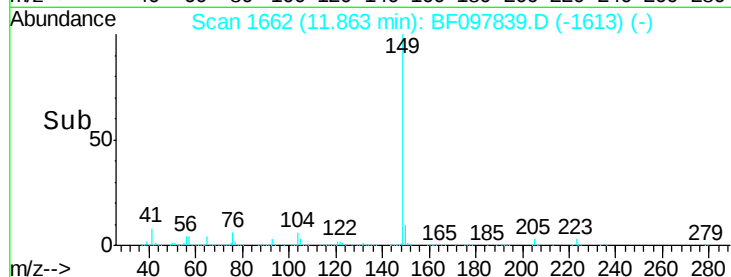
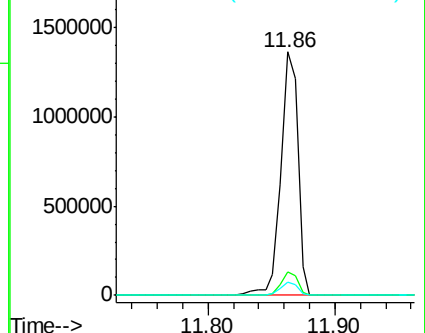
104 5.7 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.71 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

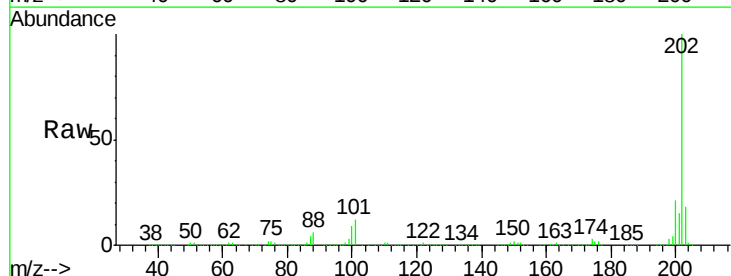
Tgt Ion:202 Resp: 1155470

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.2

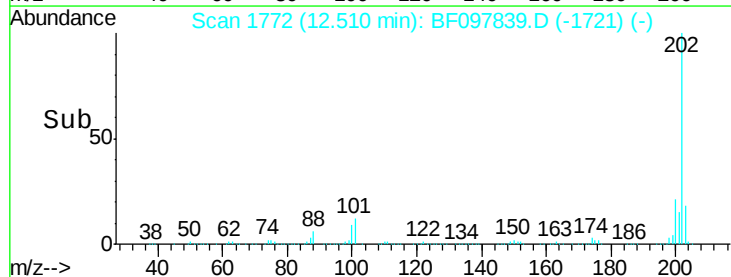
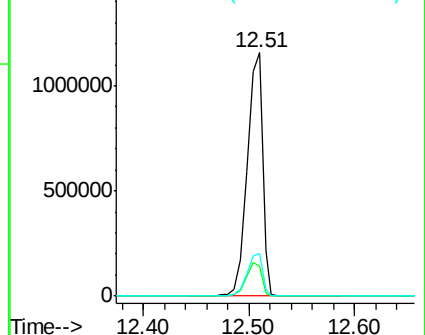
203 17.7 0.0 38.1

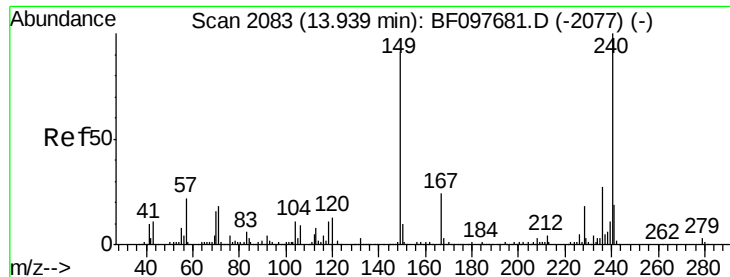


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

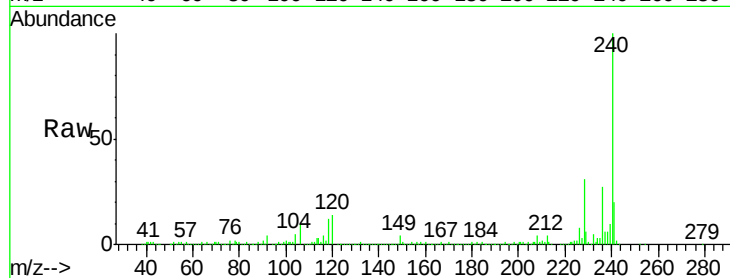
Tot Ion:240 Resp: 412199

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

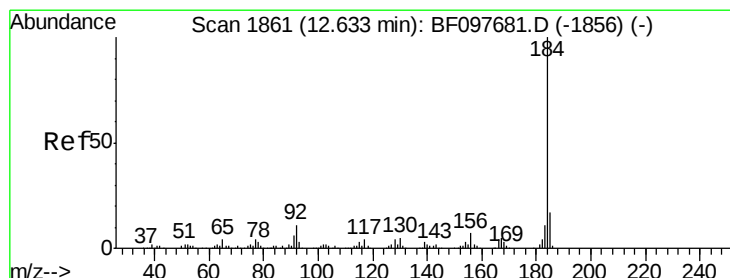
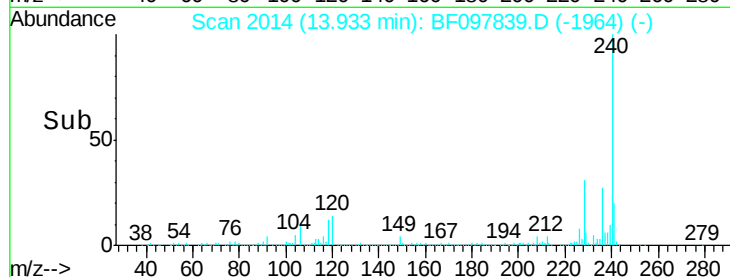
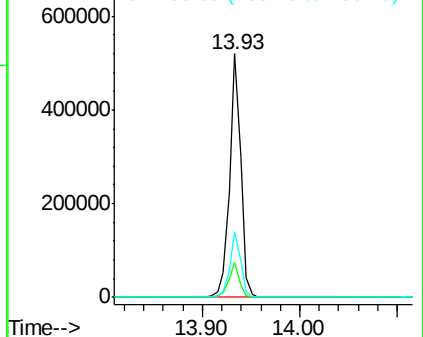
236 27.1 20.5 30.7



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: 6.69 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

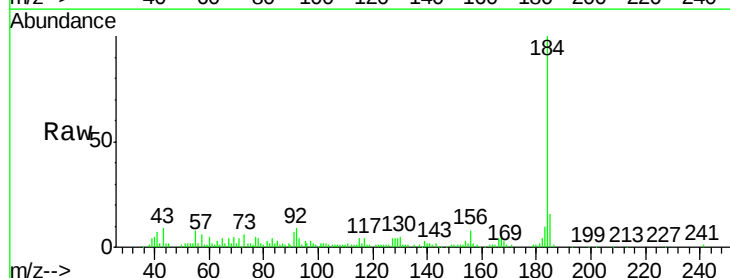
Tgt Ion:184 Resp: 90429

Ion Ratio Lower Upper

184 100

185 15.7 15.5 23.3

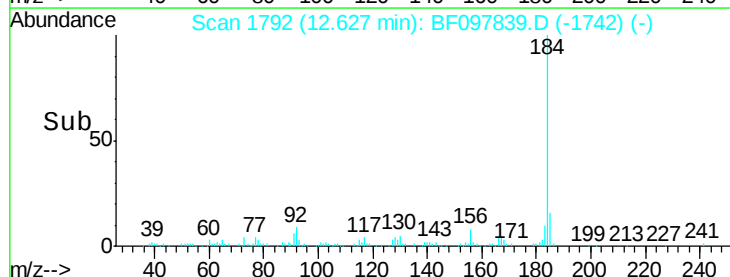
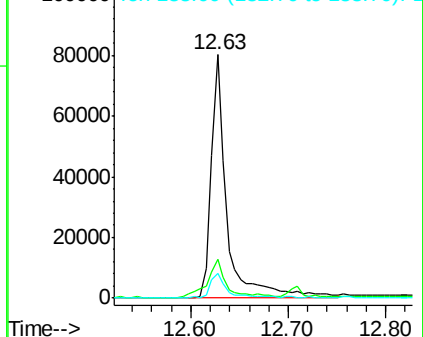
183 10.2 9.8 14.6

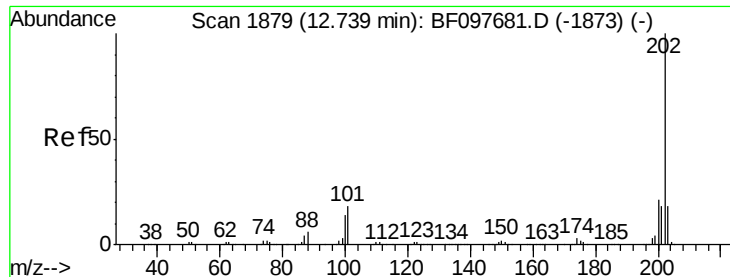


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

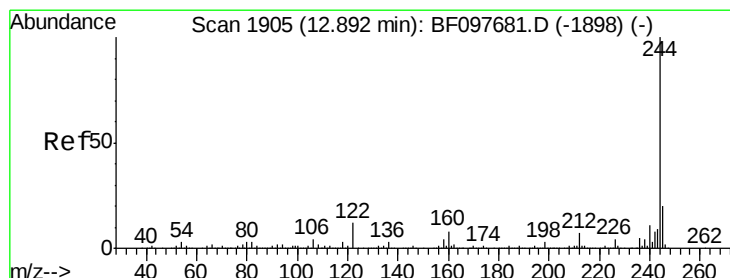
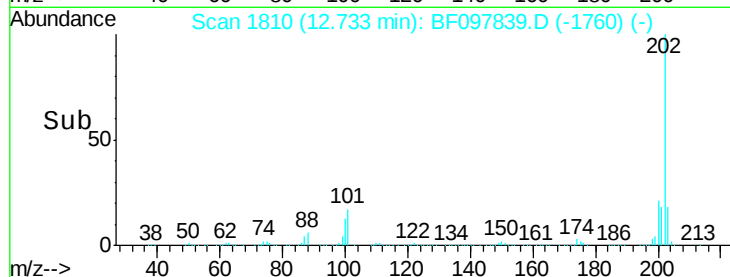
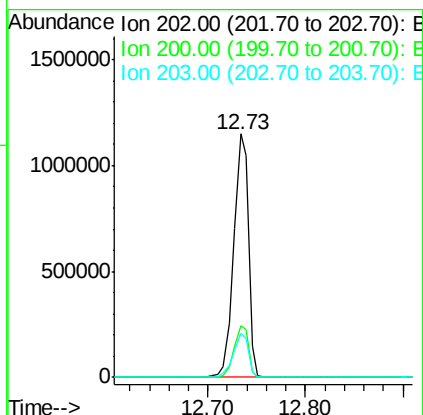
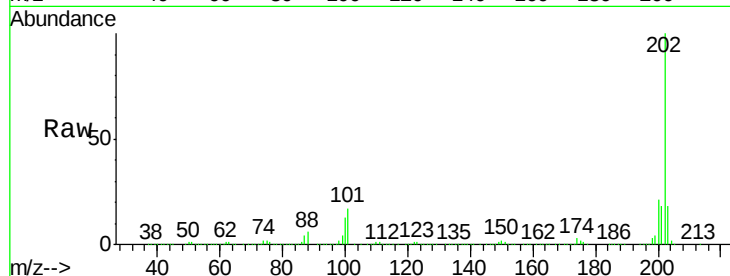




#77
Pvrene
Concen: 35.57 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

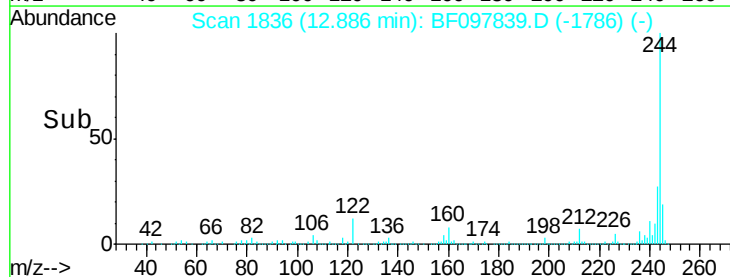
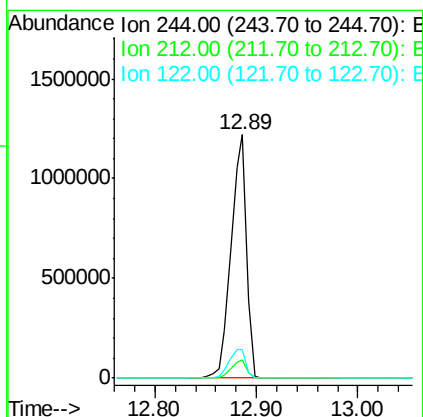
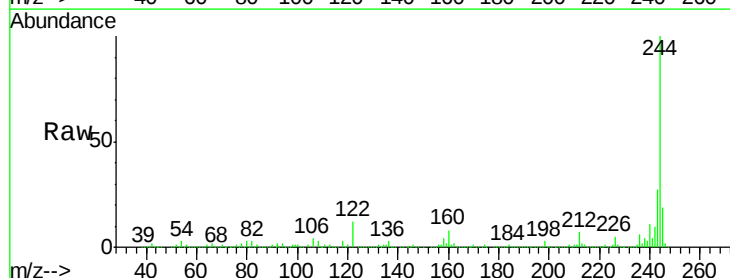
Instrument :
BNA_F
ClientSampleId :
PB101579BS

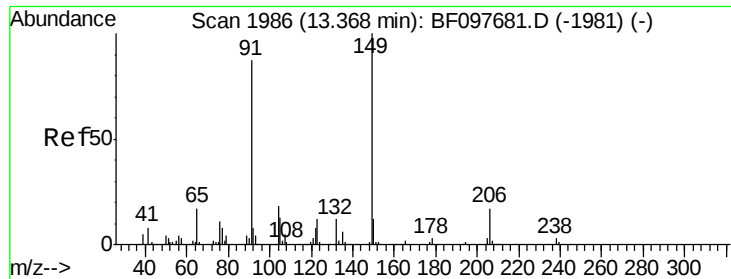
Tot Ion:202 Resp: 1199159
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.4 21.6



#78
Terphenyl-d14
Concen: 64.96 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion:244 Resp: 1284086
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.8 10.3 15.5

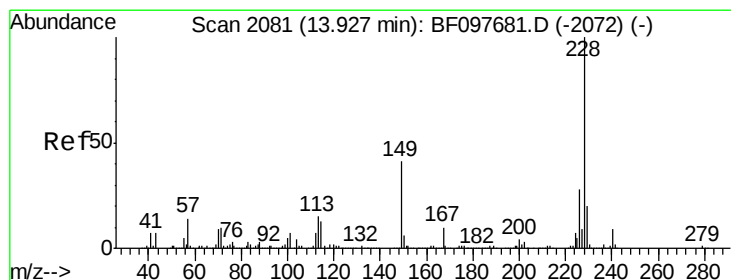
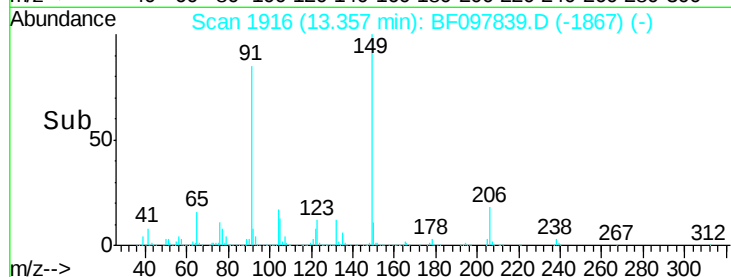
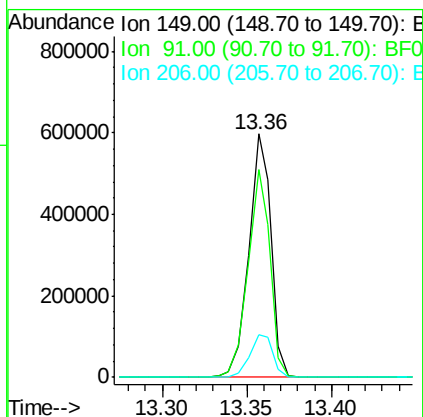
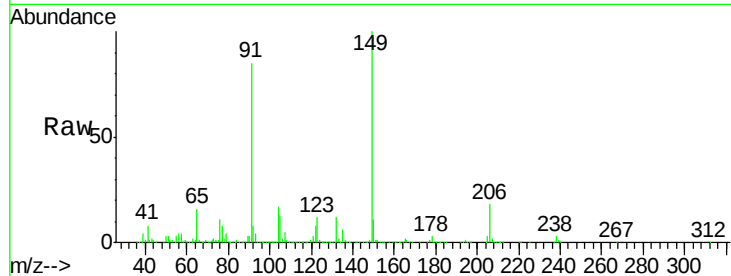




#79
Butylbenzylphthalate
Concen: 42.44 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

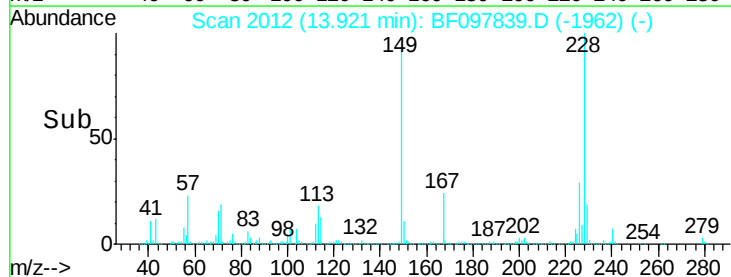
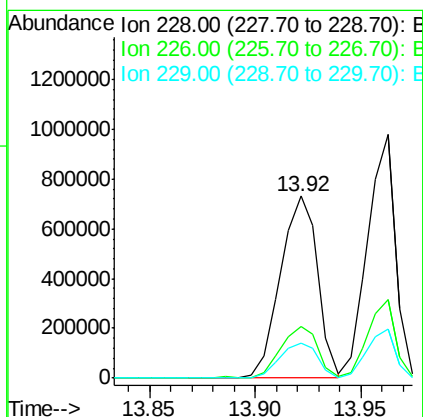
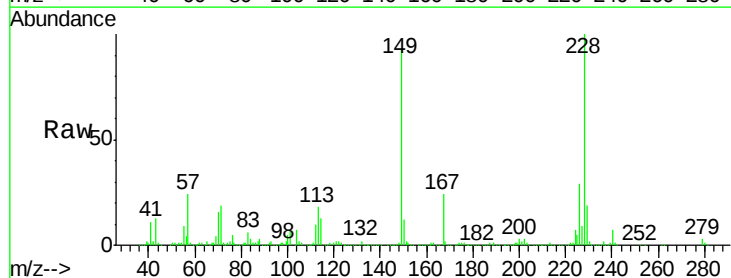
Instrument :
BNA_F
ClientSampleId :
PB101579BS

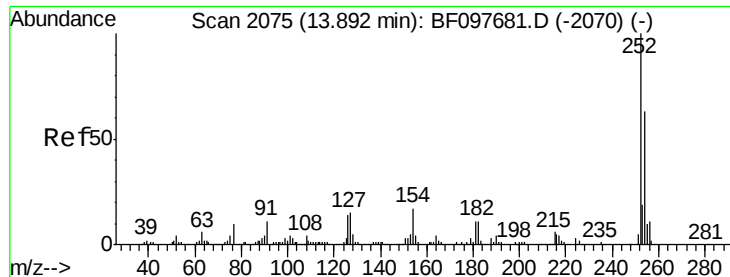
Tot Ion	Ratio	Lower	Upper
149	100		
91	85.4	45.0	67.4#
206	17.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 36.43 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097839.D
Acq: 18 Aug 2017 18:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	19.5	16.3	24.5

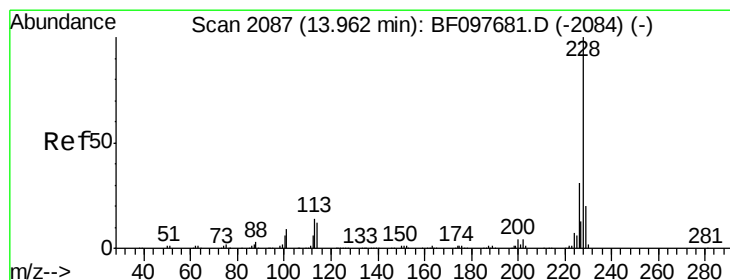
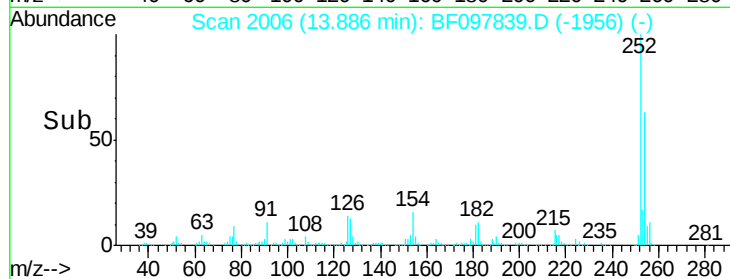
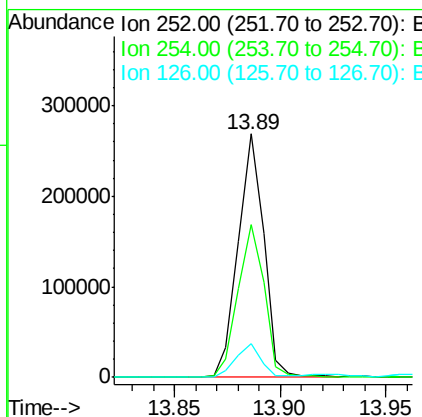
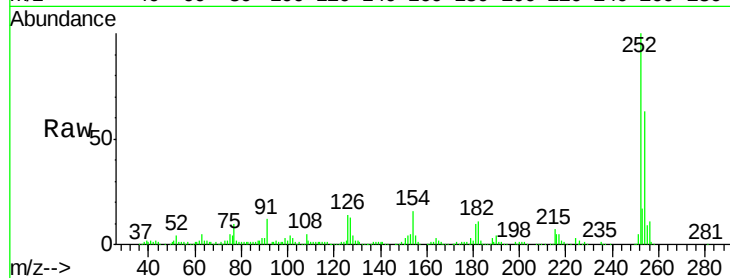




#81
 3,3'-Dichlorobenzidine
 Concen: 27.22 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

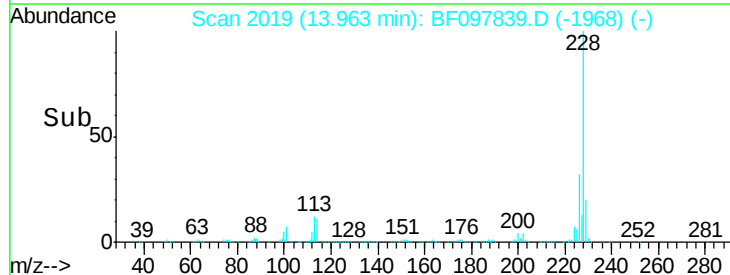
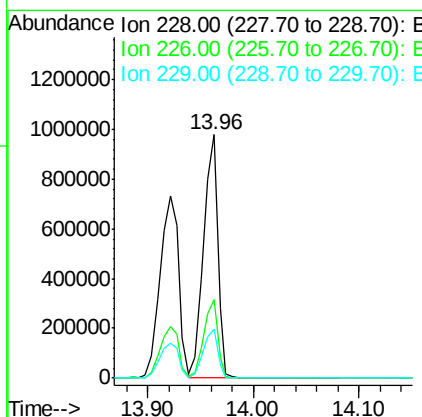
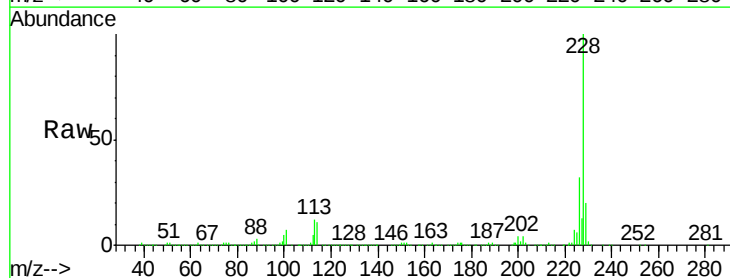
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

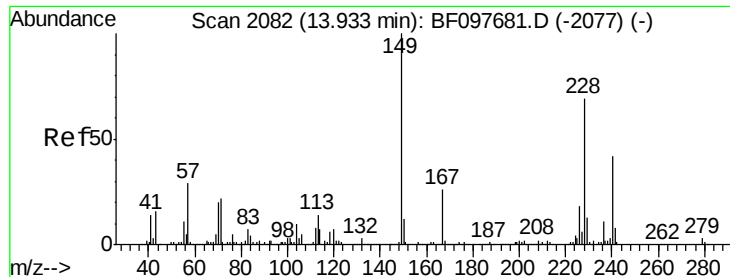
Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	14.0	15.8	23.8#



#82
 Chrysene
 Concen: 37.03 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.9	37.3
229	20.0	15.8	23.6

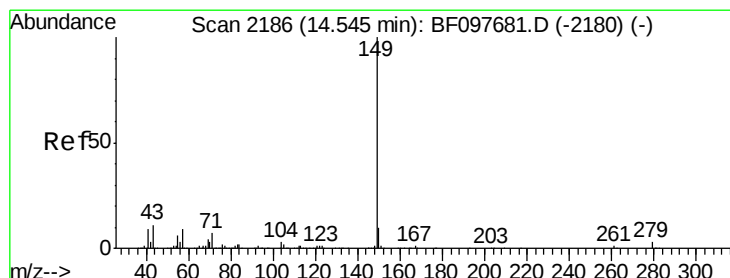
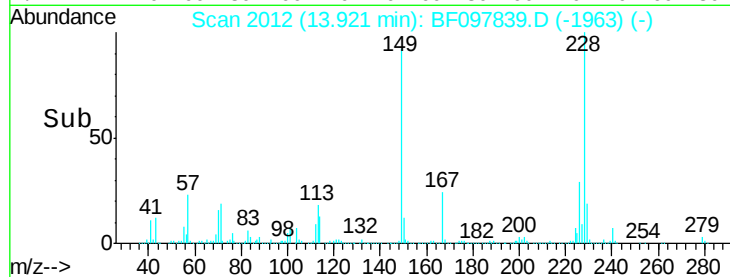
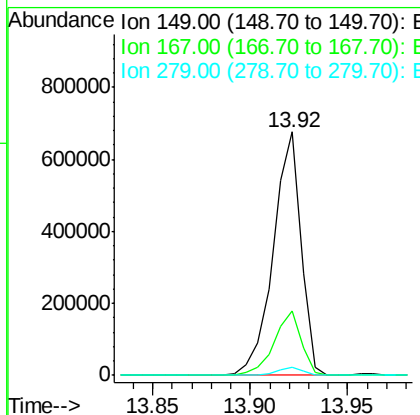
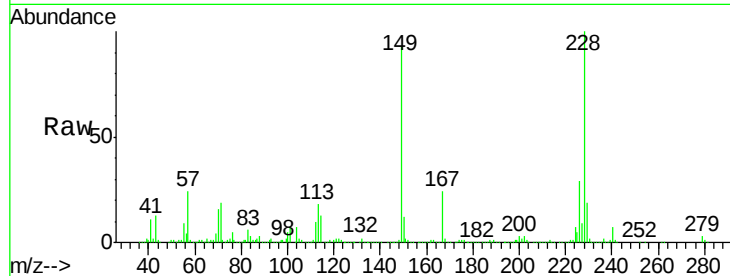




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.60 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

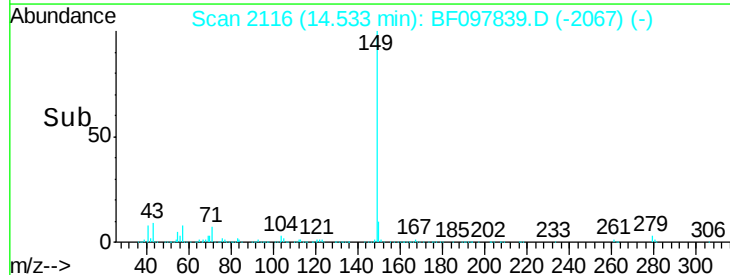
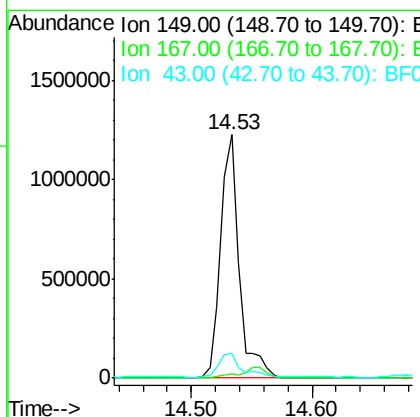
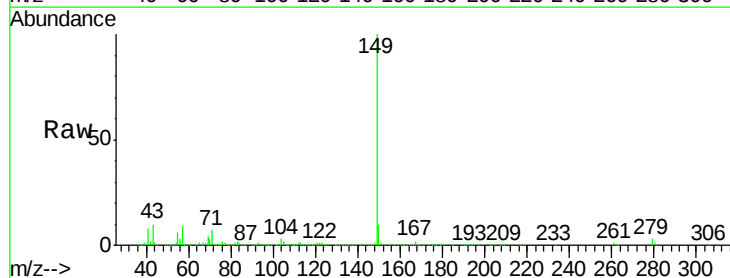
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

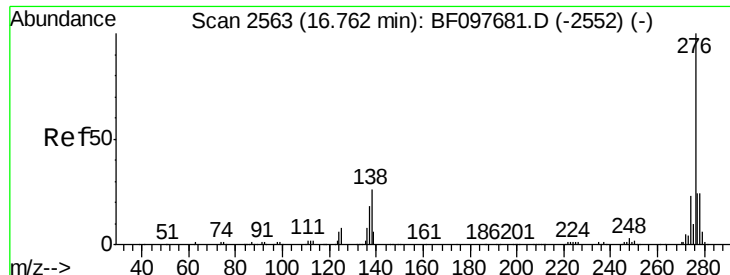
Tot Ion:149 Resp: 667410
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 51.86 ng
 RT: 14.53 min Scan# 2116
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion:149 Resp: 1292456
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 11.6 8.5 12.7

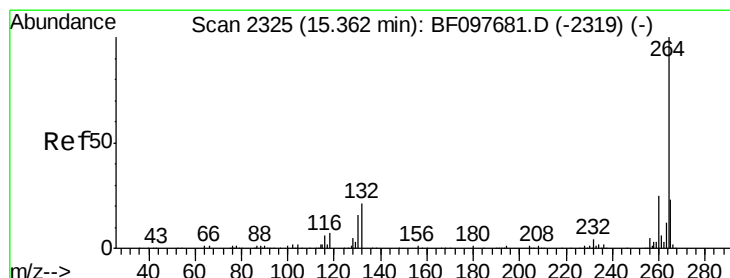
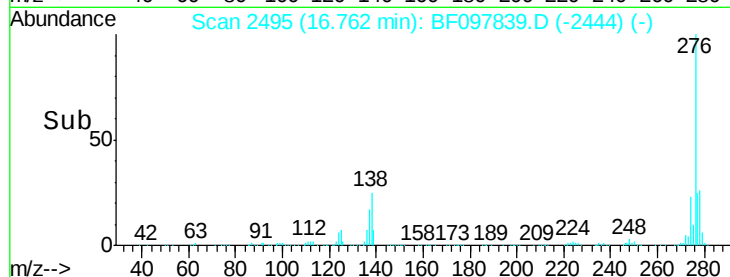
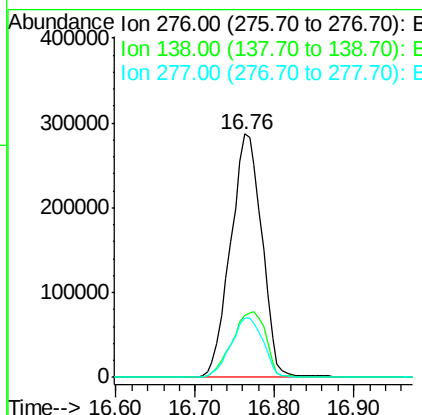
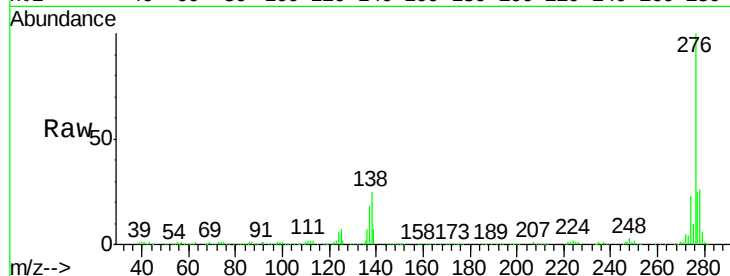




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.54 ng
 RT: 16.76 min Scan# 2495
 Delta R.T. 0.00 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

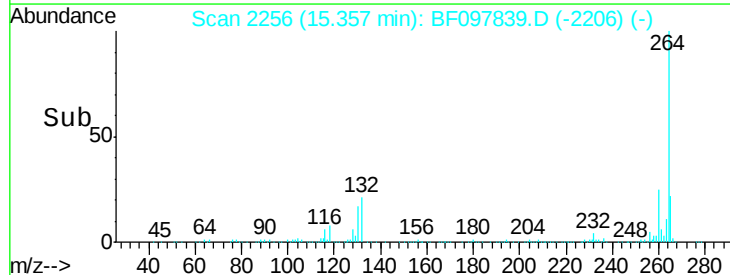
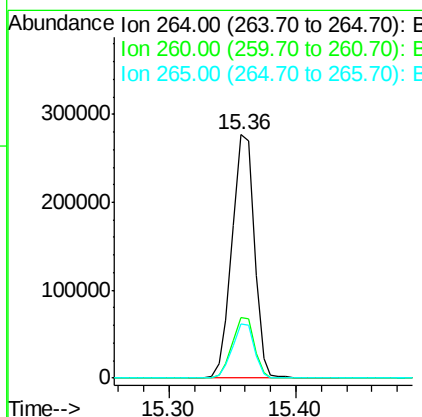
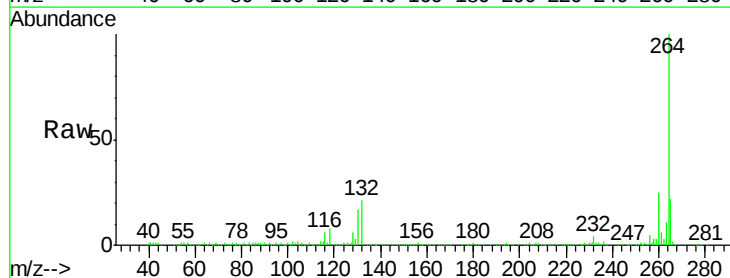
Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

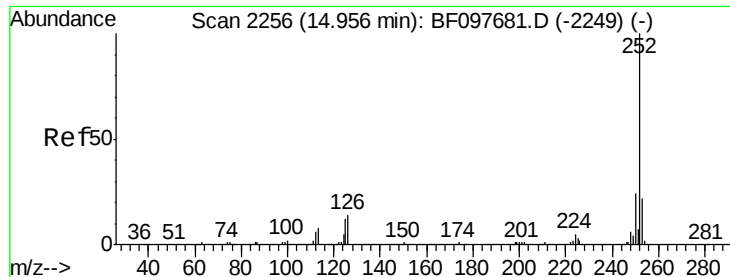
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.3	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.37 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

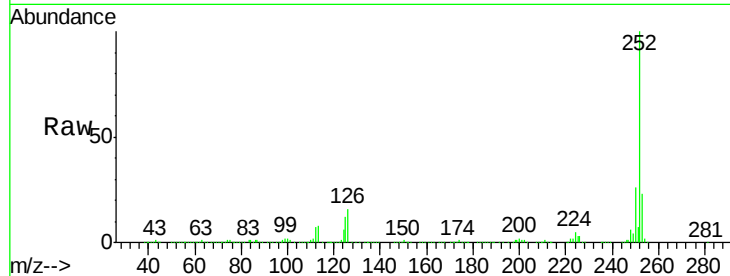
Tot Ion:252 Resp: 902752

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

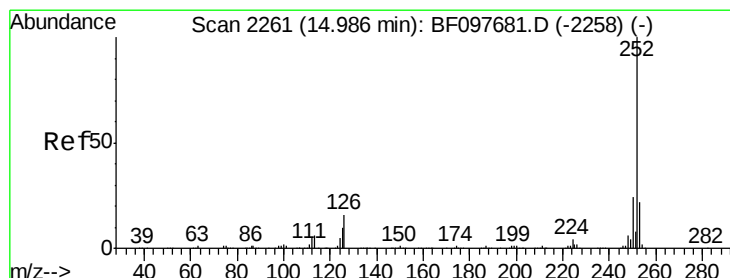
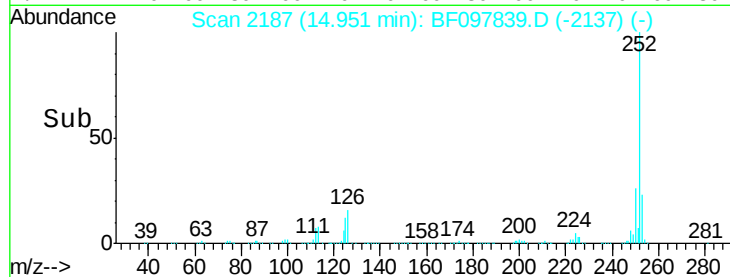
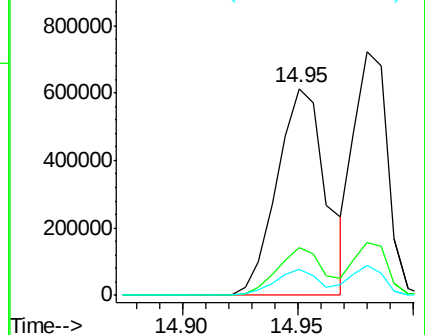
125 12.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.92 ng

RT: 14.98 min Scan# 2192

Delta R.T. -0.01 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

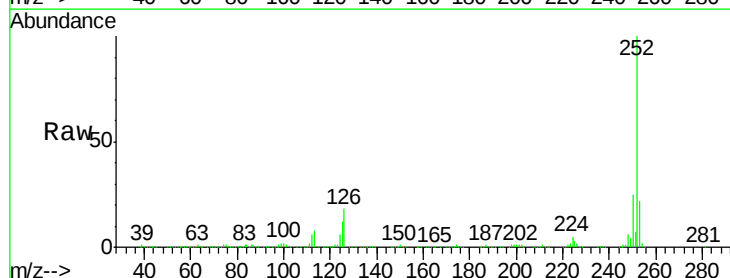
Tgt Ion:252 Resp: 739018

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

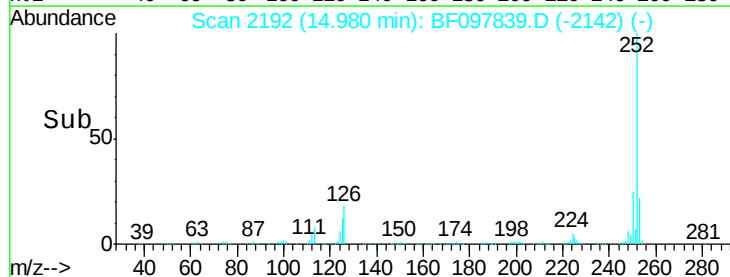
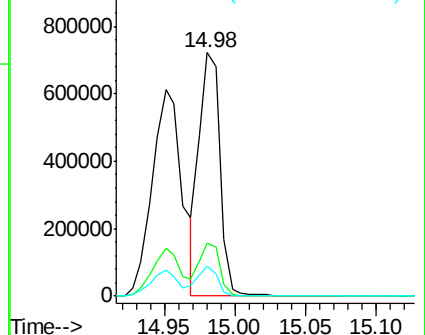
125 12.5 13.1 19.7#

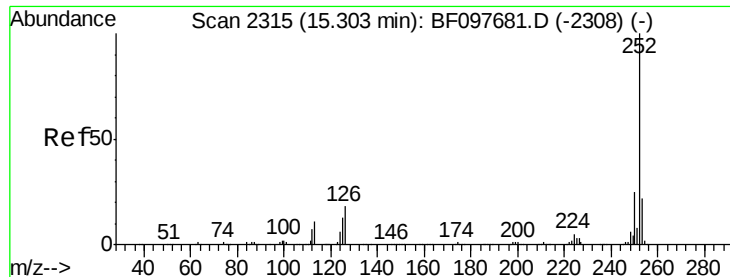


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.67 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

Instrument :

BNA_F

ClientSampleId :

PB101579BS

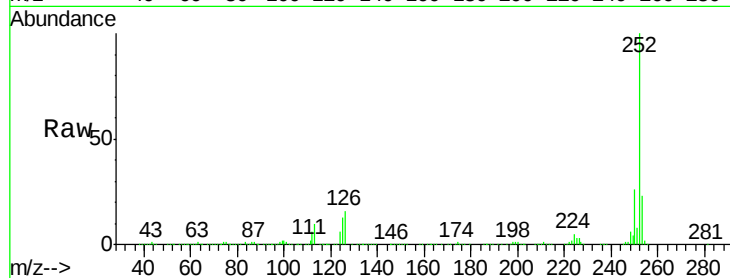
Tot Ion:252 Resp: 785859

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

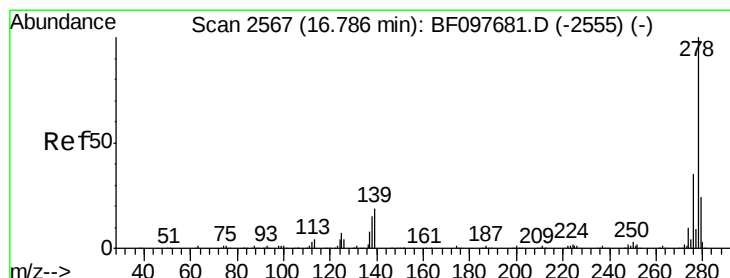
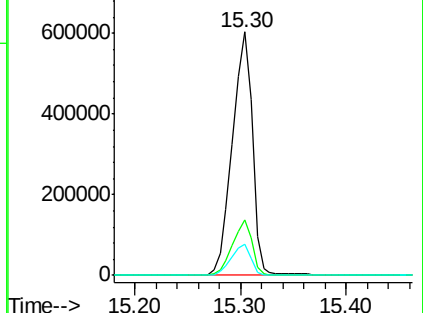
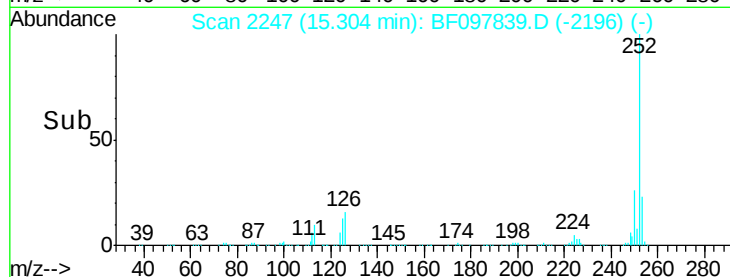
125 12.7 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.49 ng

RT: 16.79 min Scan# 2499

Delta R.T. 0.00 min

Lab File: BF097839.D

Acq: 18 Aug 2017 18:10

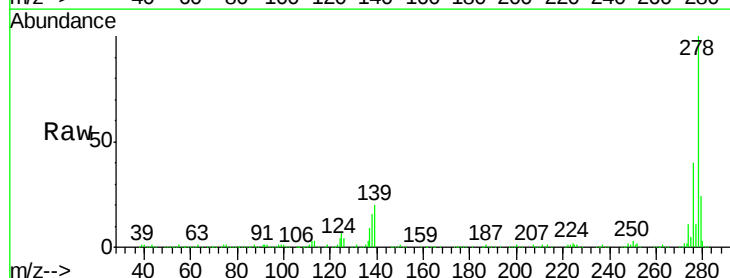
Tgt Ion:278 Resp: 637119

Ion Ratio Lower Upper

278 100

139 19.5 16.6 24.8

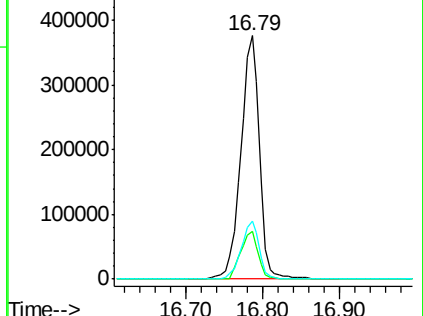
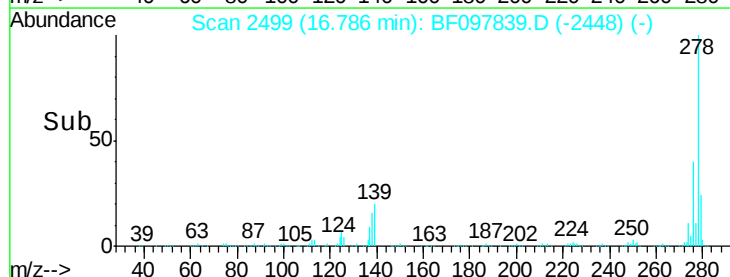
279 23.9 19.3 28.9

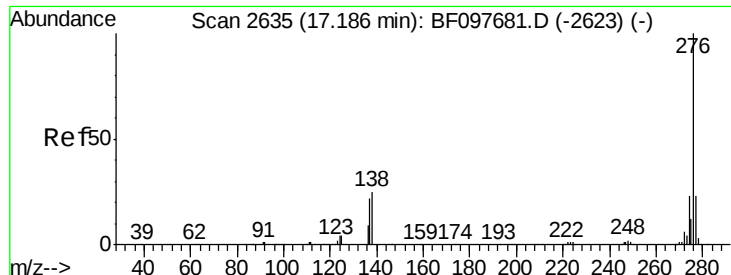


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

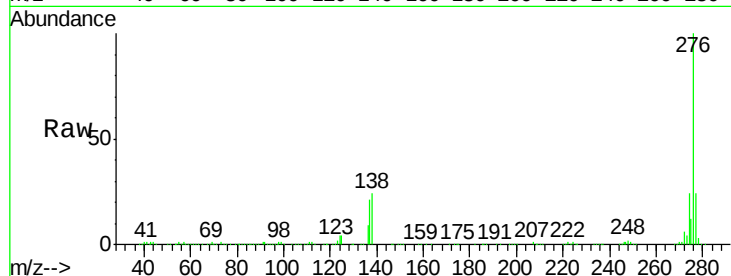




#91
 Benzo(a,h,i)perylene
 Concen: 41.57 ng
 RT: 17.19 min Scan# 2568
 Delta R.T. 0.01 min
 Lab File: BF097839.D
 Acq: 18 Aug 2017 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB101579BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	24.5	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

