

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097960.D
 Acq On : 22 Aug 2017 18:16
 Operator : SJ/JU
 Sample : PB101706BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Quant Time: Aug 23 01:03:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	123697	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	503367	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	241168	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	463998	20.00	ng	0.00
75) Chrysene-d12	13.90	240	345937	20.00	ng	0.00
86) Perylene-d12	15.32	264	259478	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	663090	81.54	ng	0.01
7) Phenol-d6	6.39	99	890919	80.63	ng	0.00
23) Nitrobenzene-d5	7.32	82	816628	88.13	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	178204	85.16	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1256045	76.52	ng	0.00
78) Terphenyl-d14	12.86	244	1097305	66.15	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.52	88	152534	33.63	ng	90
3) Pyridine	3.22	79	434651	34.67	ng	87
4) n-Nitrosodimethylamine	3.18	42	172295	35.71	ng	80
6) Aniline	6.41	93	393540	25.35	ng	97
8) 2-Chlorophenol	6.53	128	336571	39.24	ng	96
9) Benzaldehyde	6.30	77	236514	33.79	ng	89
10) Phenol	6.40	94	488552	37.81	ng	97
11) bis(2-Chloroethyl)ether	6.49	93	367553	37.68	ng	98
12) 1,3-Dichlorobenzene	6.69	146	332122	36.00	ng	# 90
13) 1,4-Dichlorobenzene	6.77	146	335389	35.75	ng	95
14) 1,2-Dichlorobenzene	6.92	146	310380	35.88	ng	99
15) Benzyl Alcohol	6.89	79	337226	40.76	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.03	45	497093	37.88	ng	91
17) 2-Methylphenol	7.01	107	309155	40.91	ng	96
18) Hexachloroethane	7.26	117	140327	38.15	ng	# 82
19) n-Nitroso-di-n-propylamine	7.17	70	273305	36.13	ng	90
20) 3+4-Methylphenols	7.16	107	359963	38.99	ng	93
22) Acetophenone	7.16	105	482617	36.29	ng	# 91
24) Nitrobenzene	7.33	77	430401	41.72	ng	93
25) Isophorone	7.57	82	792178	41.12	ng	97
26) 2-Nitrophenol	7.65	139	174517	46.83	ng	# 82
27) 2,4-Dimethylphenol	7.69	122	313567	39.02	ng	94
28) bis(2-Chloroethoxy)methane	7.79	93	495680	39.13	ng	98
29) 2,4-Dichlorophenol	7.89	162	271133	40.65	ng	94
30) 1,2,4-Trichlorobenzene	7.97	180	272817	36.90	ng	99
31) Naphthalene	8.06	128	964402	36.90	ng	100
32) Benzoic acid	7.82	122	209603	37.43	ng	89
33) 4-Chloroaniline	8.10	127	207744	18.85	ng	98
34) Hexachlorobutadiene	8.17	225	157542	36.49	ng	99
35) Caprolactam	8.48	113	61205	26.99	ng	96
36) 4-Chloro-3-methylphenol	8.59	107	339260	39.59	ng	# 81
37) 2-Methylnaphthalene	8.75	142	646525	40.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	249808	33.75	ng	# 96
40) Hexachlorocyclopentadiene	8.90	237	304021	85.50	ng	100

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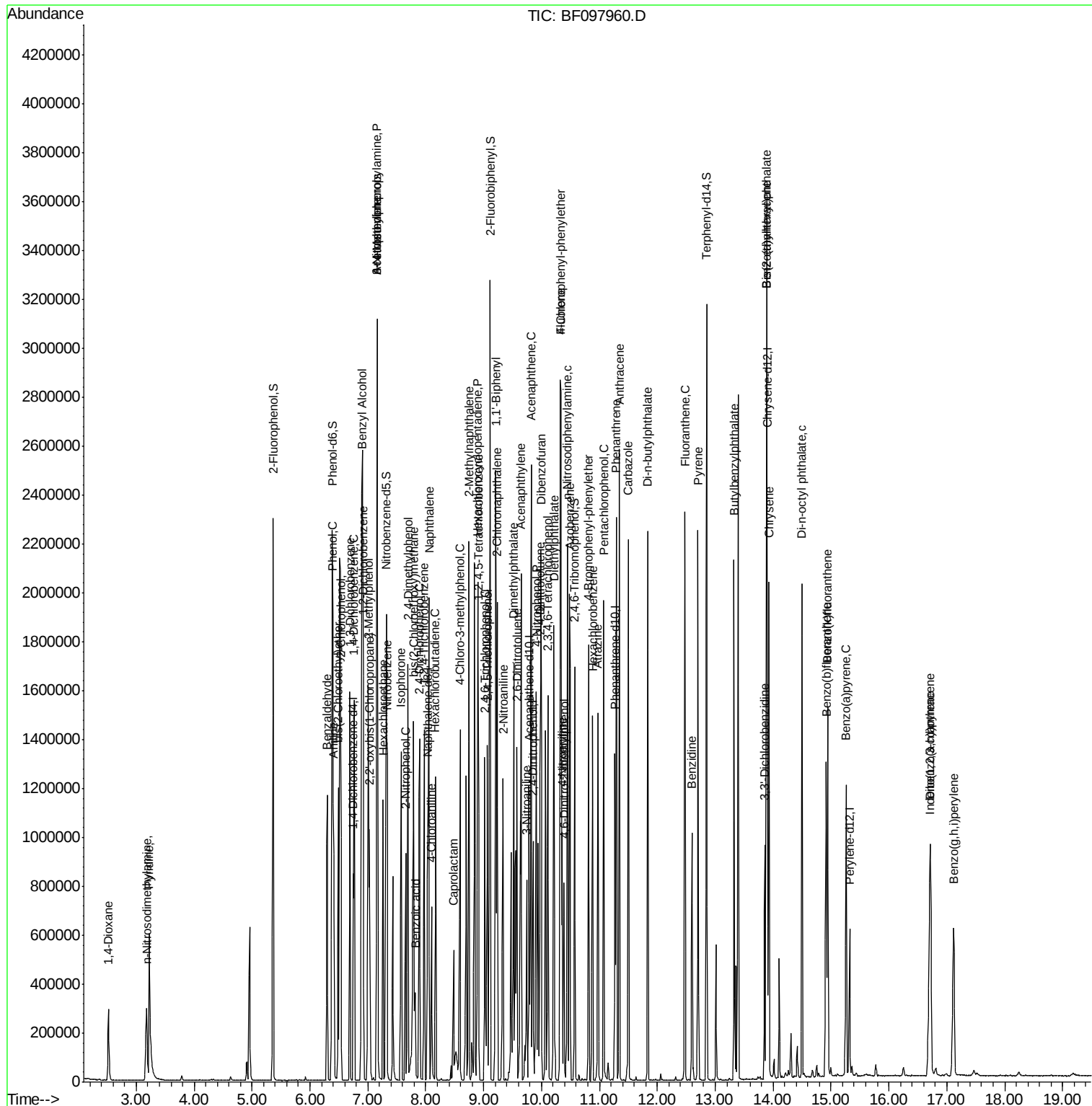
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42) 2,4,6-Trichlorophenol	9.03	196	193283	38.90	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	203070	41.19	nq	96
45) 1,1'-Biphenyl	9.21	154	759471	34.53	nq	96
46) 2-Chloronaphthalene	9.23	162	563922	34.70	nq	# 92
47) 2-Nitroaniline	9.33	65	228915	42.02	nq	96
48) Acenaphthylene	9.65	152	934744	36.63	nq	100
49) Dimethylphthalate	9.52	163	693482	39.34	nq	100
50) 2,6-Dinitrotoluene	9.57	165	150038	42.64	nq	# 54
51) Acenaphthene	9.82	154	560812	34.85	nq	99
52) 3-Nitroaniline	9.74	138	109382	24.09	nq	85
53) 2,4-Dinitrophenol	9.85	184	112190	68.67	nq	# 76
54) Dibenzofuran	9.99	168	839746	38.93	nq	99
55) 4-Nitrophenol	9.91	139	267111	73.75	nq	# 39
56) 2,4-Dinitrotoluene	9.98	165	198432	44.93	nq	# 58
57) Fluorene	10.33	166	609947	36.58	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	167363	43.85	nq	94
59) Diethylphthalate	10.22	149	722298	39.18	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	285931	36.91	nq	89
61) 4-Nitroaniline	10.36	138	166781	38.65	nq	# 71
62) Azobenzene	10.49	77	877796	40.09	nq	93
64) 4,6-Dinitro-2-methylphenol	10.39	198	86538	41.04	nq	# 77
65) n-Nitrosodiphenylamine	10.45	169	572896	36.26	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	182889	37.96	nq	98
67) Hexachlorobenzene	10.88	284	175857	35.81	nq	# 88
68) Atrazine	10.98	200	178627	42.63	nq	98
69) Pentachlorophenol	11.07	266	201124	70.24	nq	99
70) Phenanthrene	11.30	178	917042	37.09	nq	99
71) Anthracene	11.35	178	936605	37.35	nq	99
72) Carbazole	11.50	167	887450	37.28	nq	99
73) Di-n-butylphthalate	11.83	149	1137862	41.50	nq	99
74) Fluoranthene	12.48	202	976777	37.85	nq	99
76) Benzidine	12.60	184	360543	31.79	nq	# 92
77) Pyrene	12.70	202	999040	35.31	nq	99
79) Butylbenzylphthalate	13.33	149	477961	44.06	nq	# 67
80) Benzo(a)anthracene	13.89	228	728114	35.12	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	171509	24.51	nq	# 95
82) Chrysene	13.93	228	750963	36.41	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	557309	46.36	nq	# 100
84) Di-n-octyl phthalate	14.50	149	1004262	48.02	nq	99
85) Indeno(1,2,3-cd)pyrene	16.70	276	575590	37.94	nq	93
87) Benzo(b)fluoranthene	14.92	252	611952	37.42	nq	98
88) Benzo(k)fluoranthene	14.94	252	602602	39.22	nq	# 94
89) Benzo(a)pyrene	15.26	252	570732	39.42	nq	99
90) Dibenzo(a,h)anthracene	16.72	278	473023	40.13	nq	98
91) Benzo(g,h,i)perylene	17.12	276	485700	39.49	nq	# 93

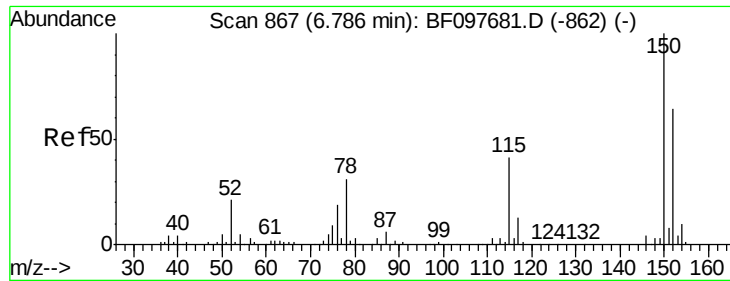
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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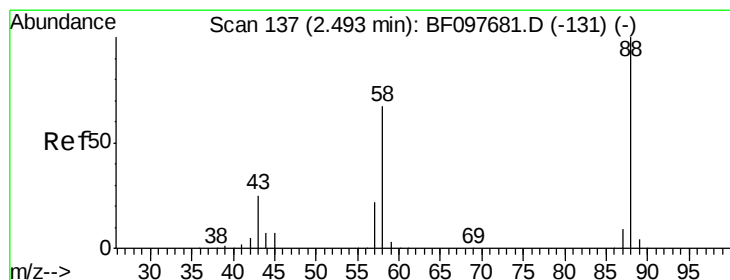
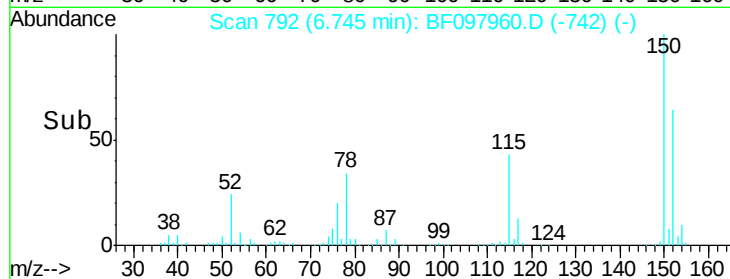
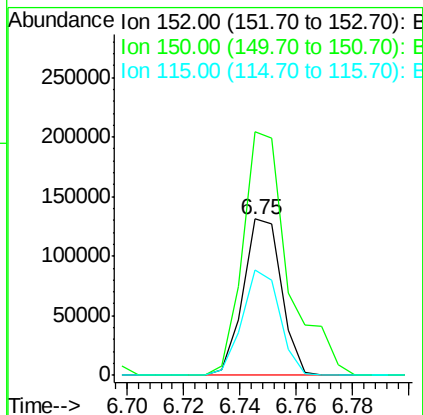
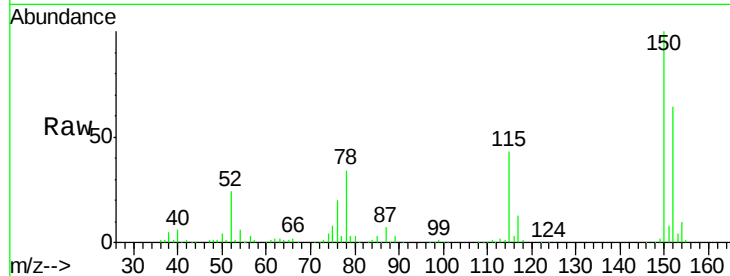


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101706BSD

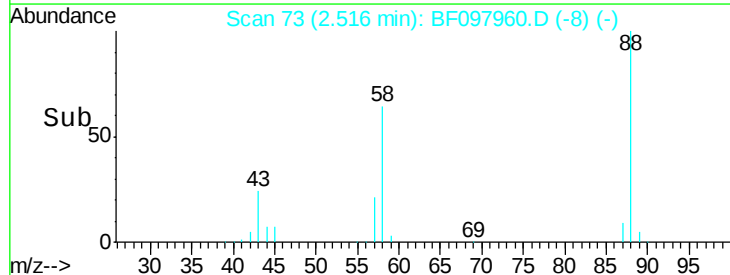
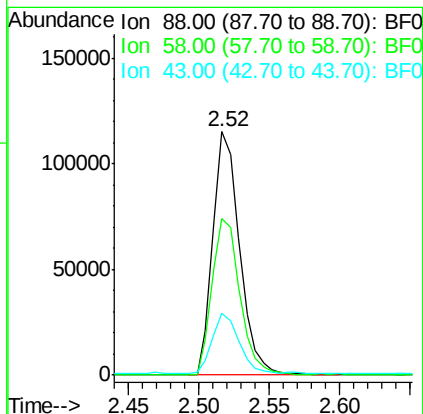
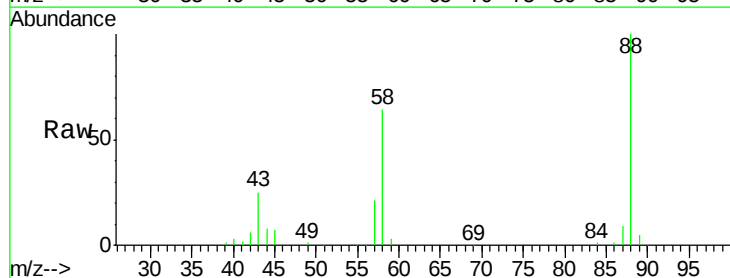
Tot Ion:152 Resp: 123697
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 67.5 52.2 78.2

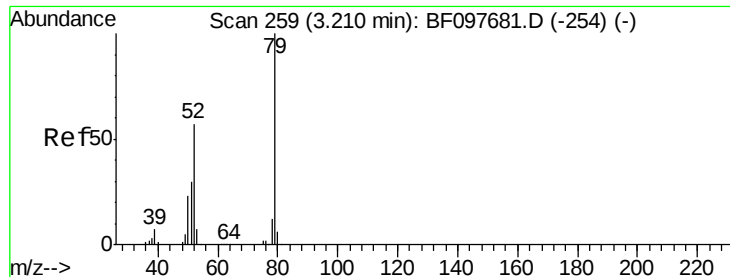


#2

1,4-Dioxane
Concen: 33.63 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.08 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion: 88 Resp: 152534
Ion Ratio Lower Upper
88 100
58 67.1 61.4 92.0
43 25.5 23.4 35.0





#3

Pvridine

Concen: 34.67 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.09 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

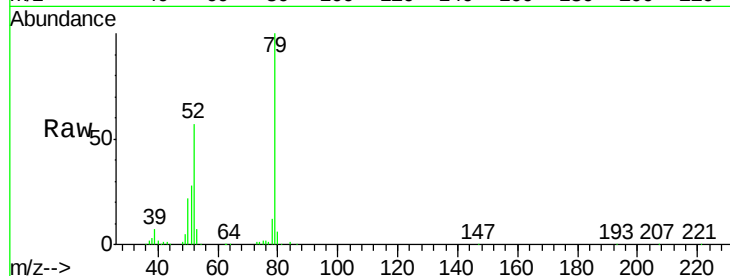
Tot Ion: 79 Resp: 434651

Ion Ratio Lower Upper

79 100

52 56.6 54.8 82.2

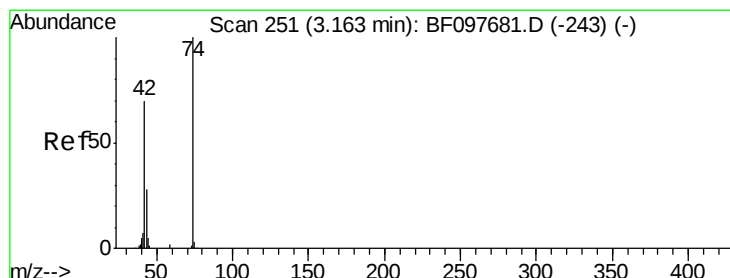
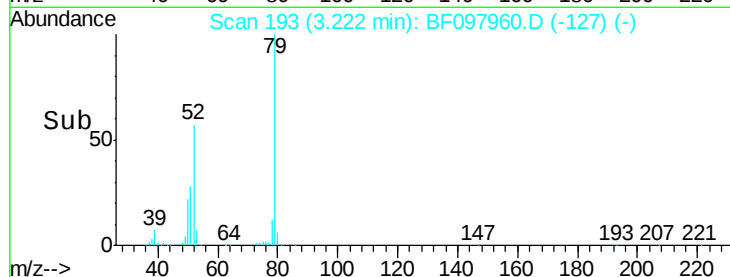
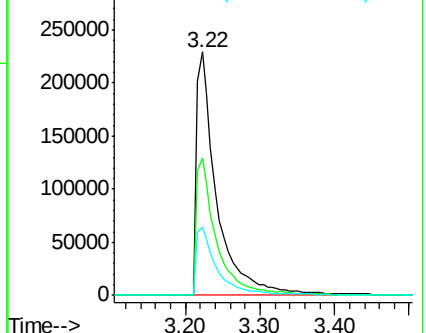
51 28.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.71 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.08 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

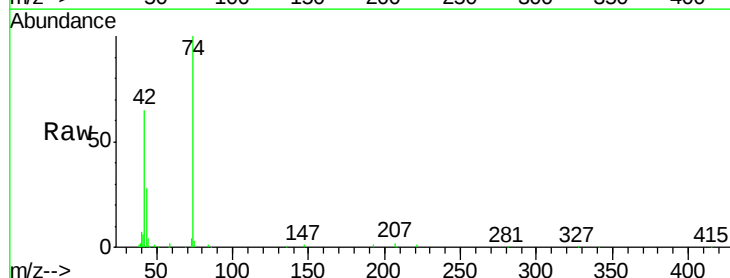
Tgt Ion: 42 Resp: 172295

Ion Ratio Lower Upper

42 100

74 154.1 103.9 155.9

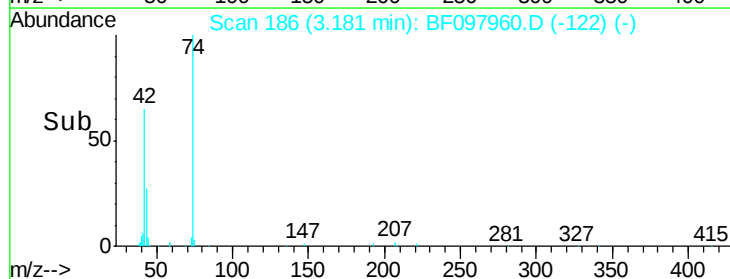
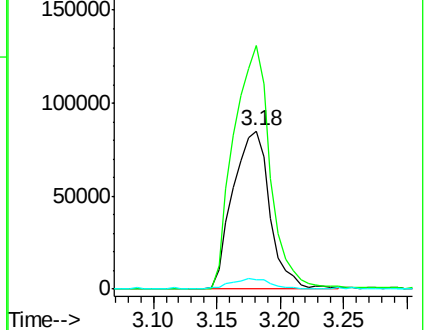
44 6.3 5.7 8.5

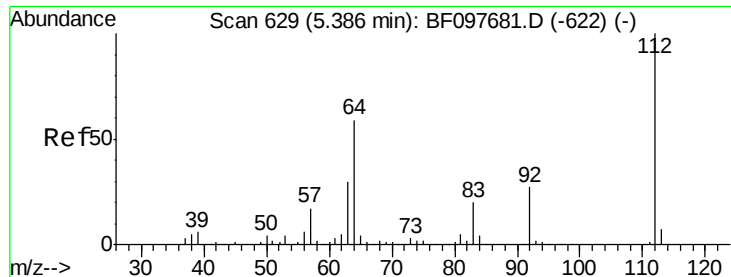


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 81.54 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

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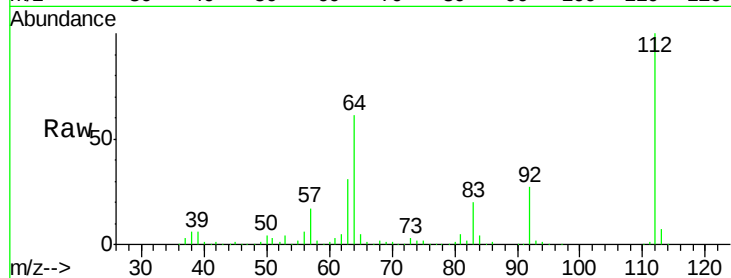
Tot Ion:112 Resp: 663090

Ion Ratio Lower Upper

112 100

64 60.7 46.0 69.0

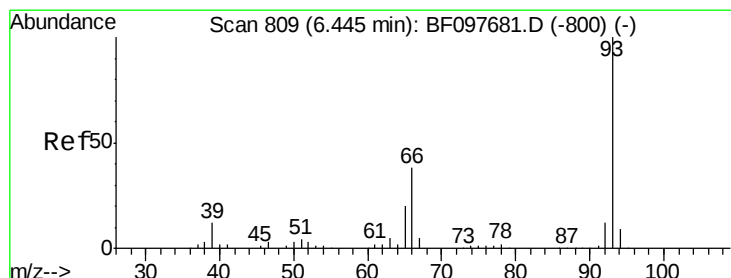
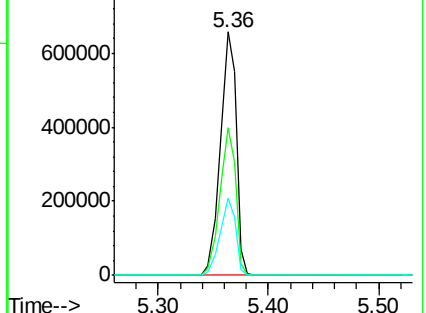
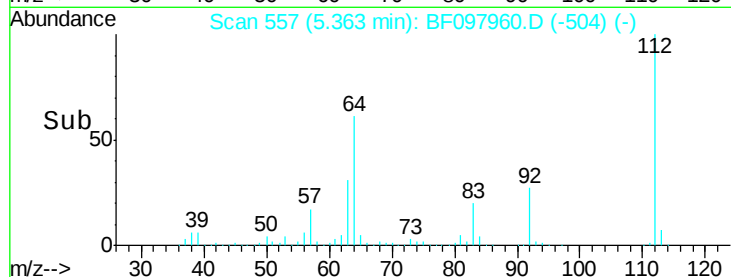
63 31.5 23.4 35.0



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: 25.35 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

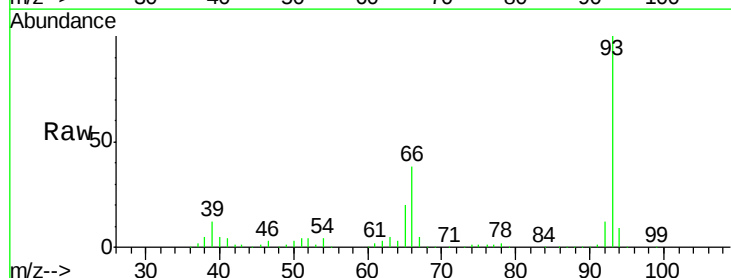
Tgt Ion: 93 Resp: 393540

Ion Ratio Lower Upper

93 100

66 38.4 32.9 49.3

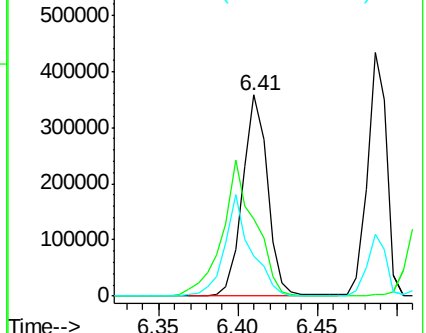
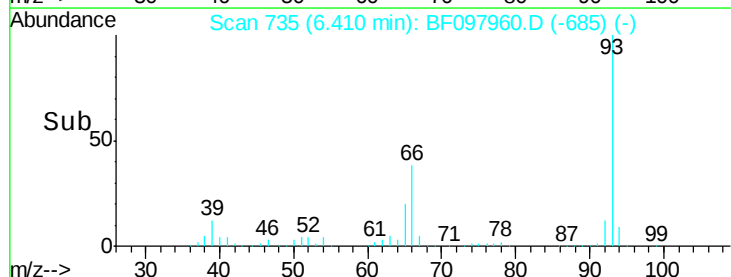
65 20.1 16.0 24.0

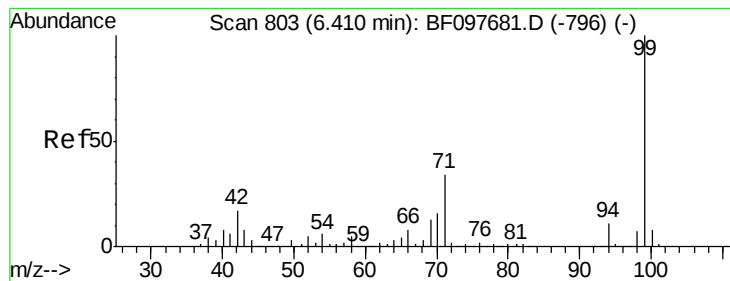


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.63 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

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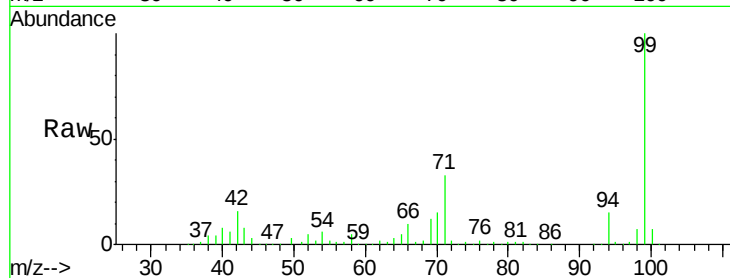
Tot Ion: 99 Resp: 890919

Ion Ratio Lower Upper

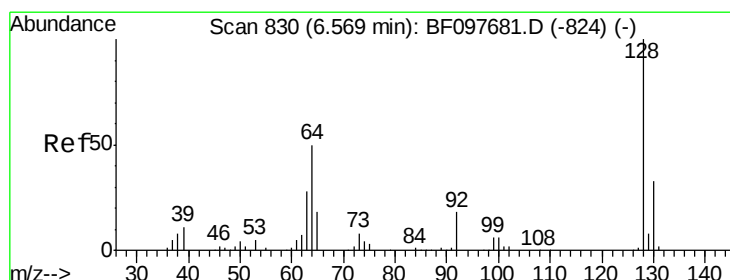
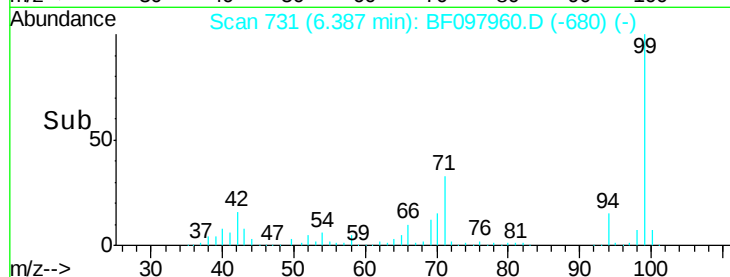
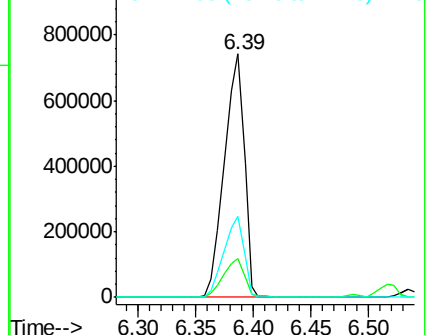
99 100

42 15.9 13.5 20.3

71 33.5 24.5 36.7



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



#8

2-Chlorophenol

Concen: 39.24 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

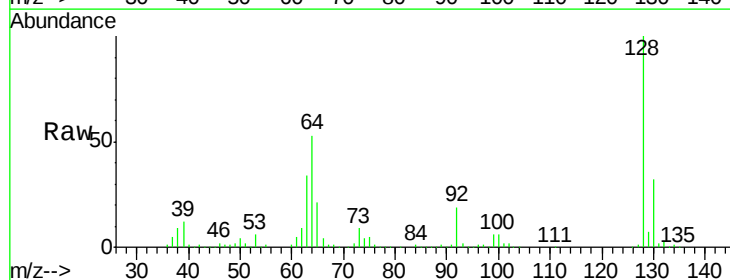
Tgt Ion: 128 Resp: 336571

Ion Ratio Lower Upper

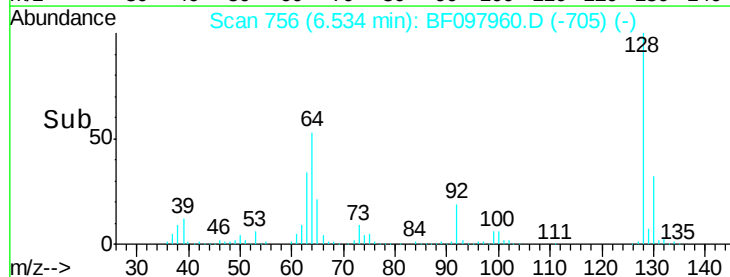
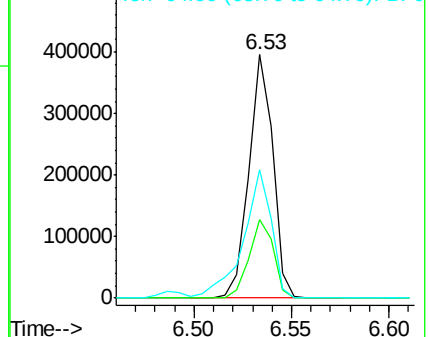
128 100

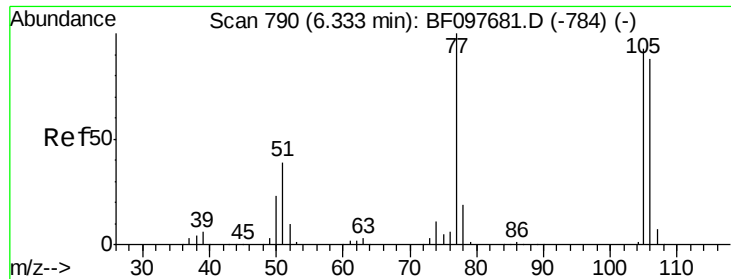
130 32.4 12.9 52.9

64 52.6 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.79 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.00 min

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Acq: 22 Aug 2017 18:16

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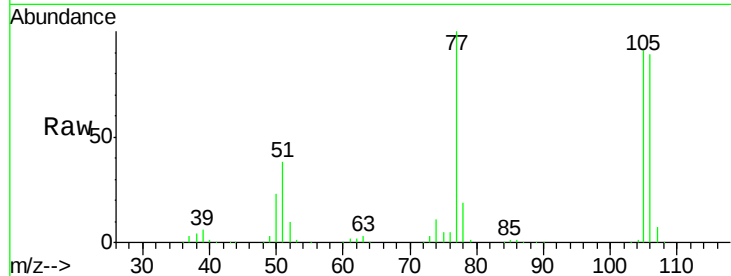
Tot Ion: 77 Resp: 236514

Ion Ratio Lower Upper

77 100

105 91.3 83.8 123.8

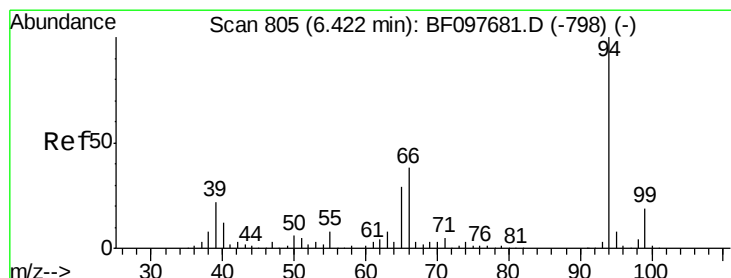
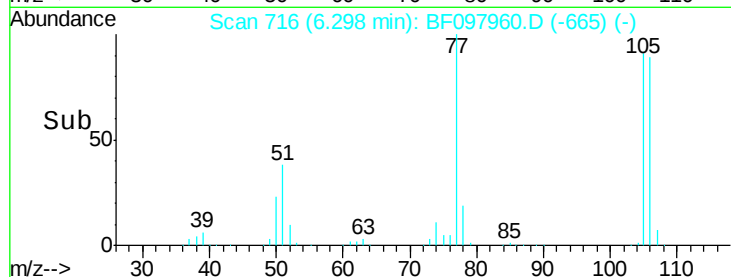
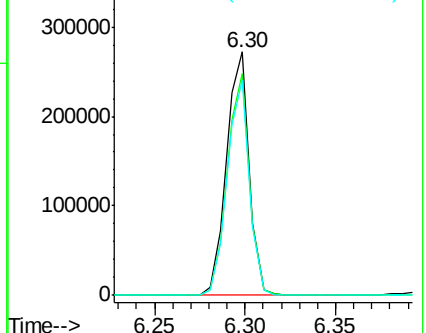
106 88.6 79.1 119.1



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: 37.81 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

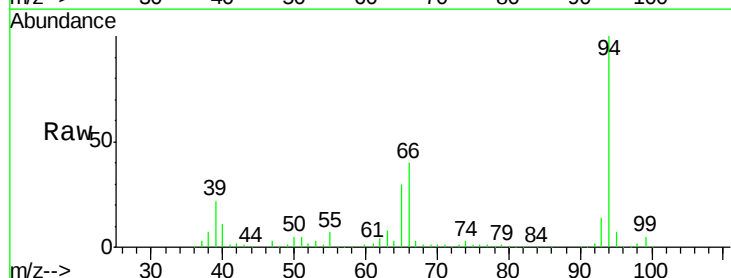
Tgt Ion: 94 Resp: 488552

Ion Ratio Lower Upper

94 100

65 29.5 9.9 49.9

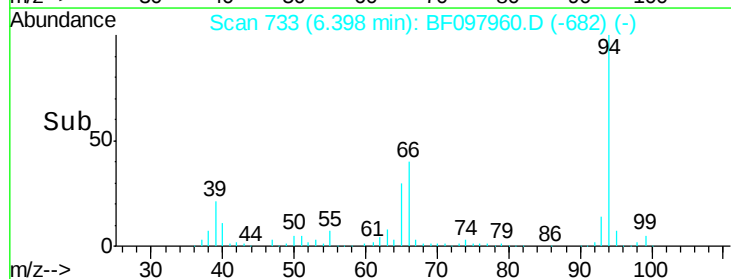
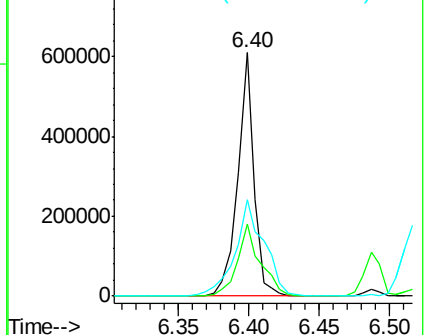
66 39.9 23.1 63.1

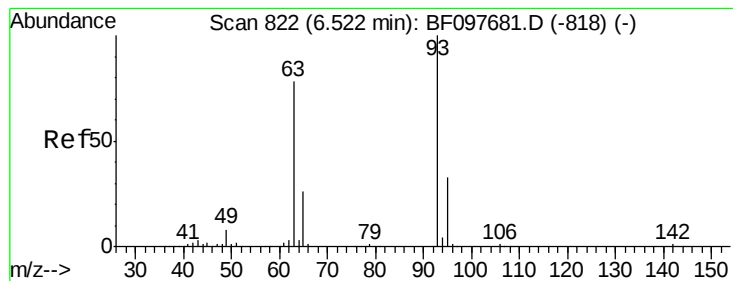


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

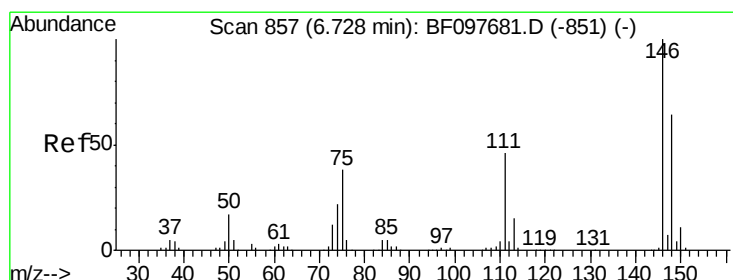
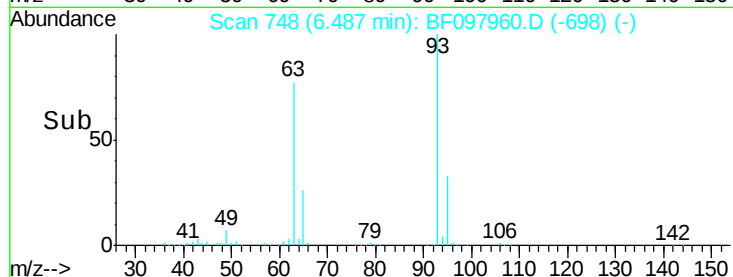
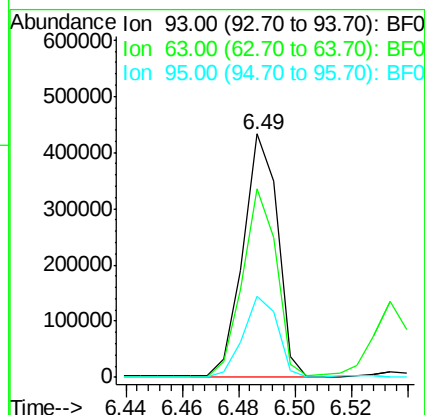
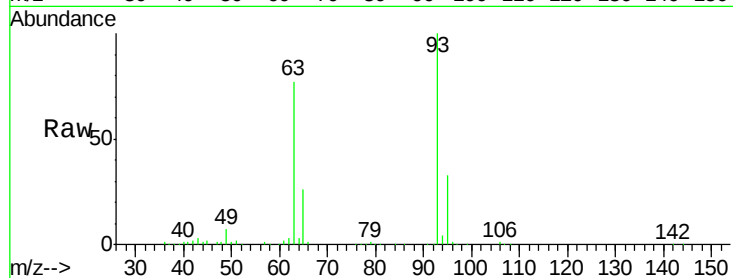




#11
bis(2-Chloroethyl)ether
Concen: 37.68 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

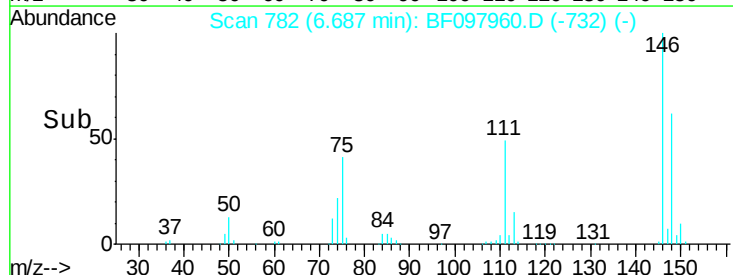
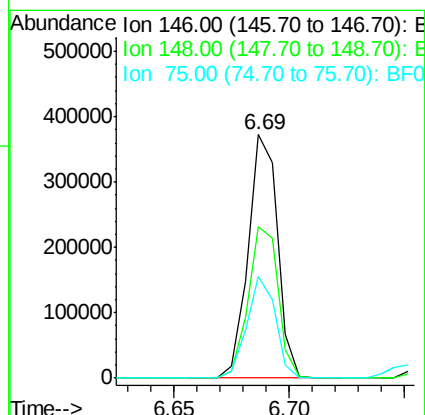
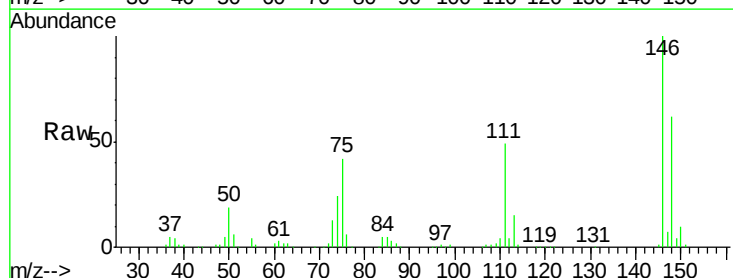
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

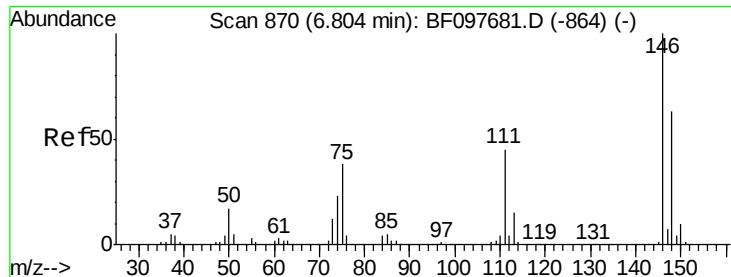
Tot Ion: 93 Resp: 367553
Ion Ratio Lower Upper
93 100
63 77.4 59.2 99.2
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 36.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion: 146 Resp: 332122
Ion Ratio Lower Upper
146 100
148 62.3 51.8 77.6
75 41.9 23.1 34.7#

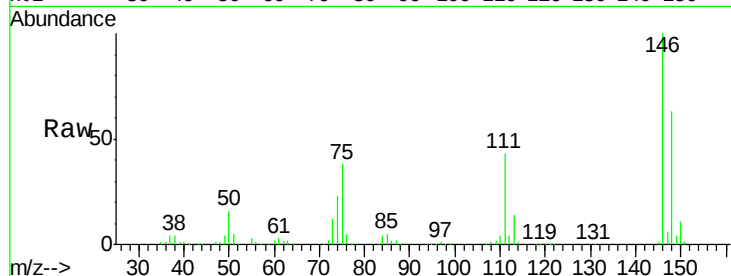




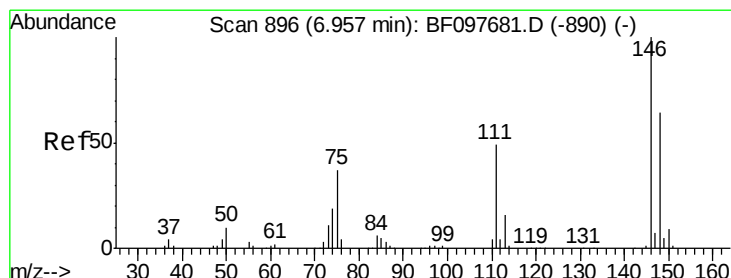
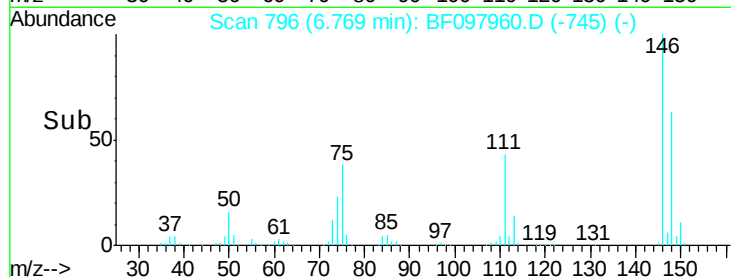
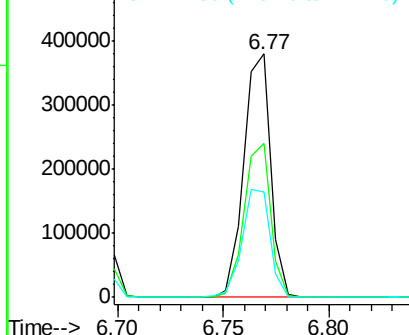
#13
 1,4-Dichlorobenzene
 Concen: 35.75 ng
 RT: 6.77 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:146 Resp: 335389
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.2 78.2
 111 43.3 30.3 45.5

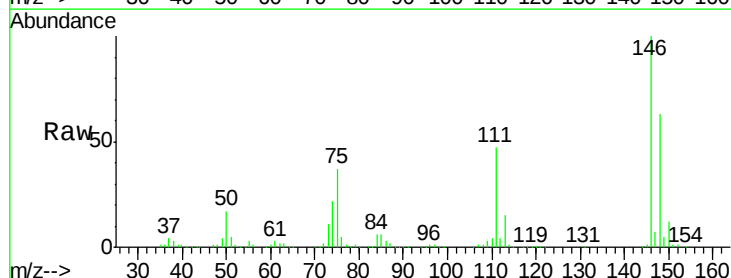


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

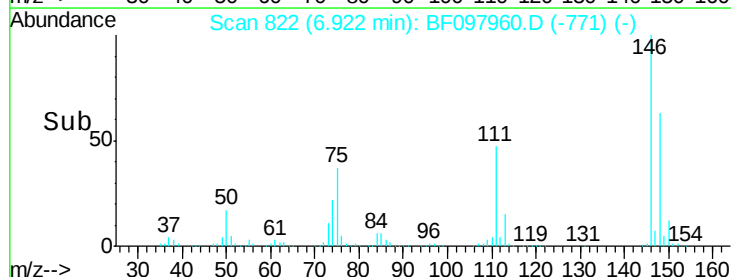
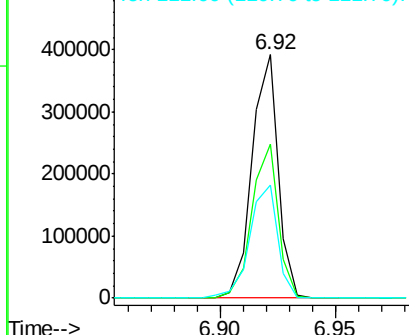


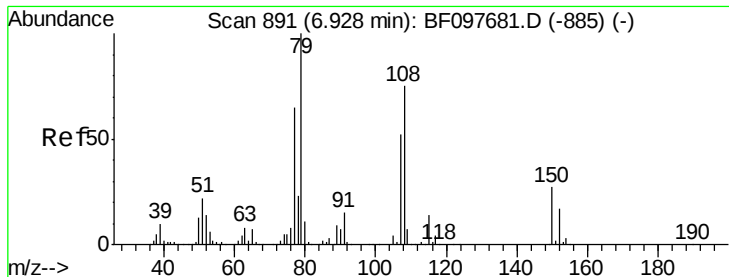
#14
 1,2-Dichlorobenzene
 Concen: 35.88 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:146 Resp: 310380
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 46.6 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: 40.76 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

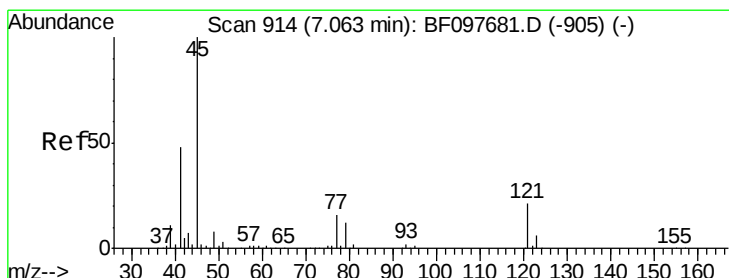
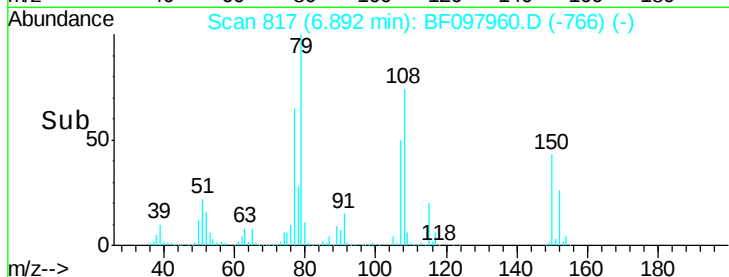
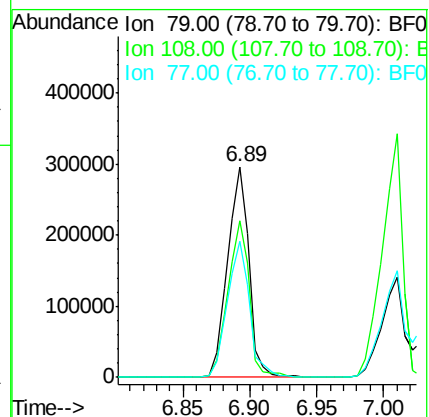
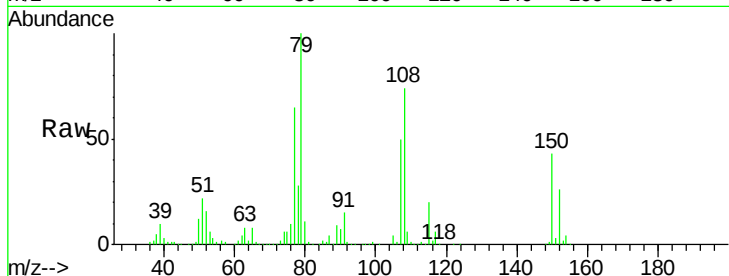
Tot Ion: 79 Resp: 337226

Ion Ratio Lower Upper

79 100

108 74.1 63.4 95.0

77 64.9 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.88 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

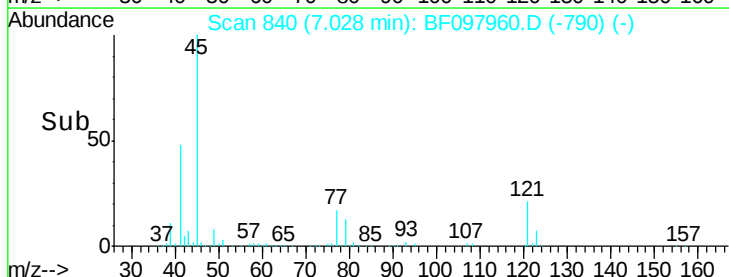
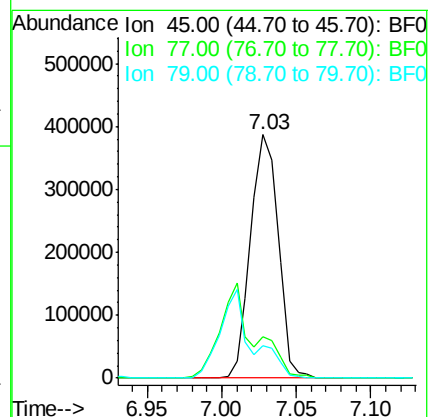
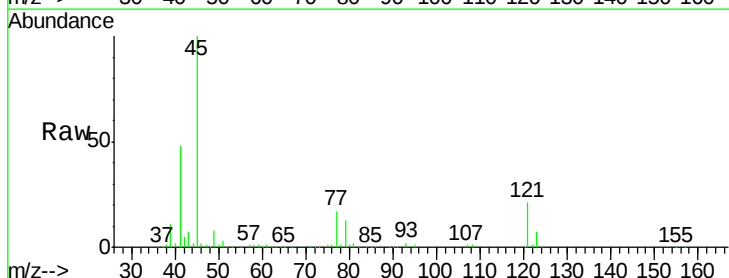
Tgt Ion: 45 Resp: 497093

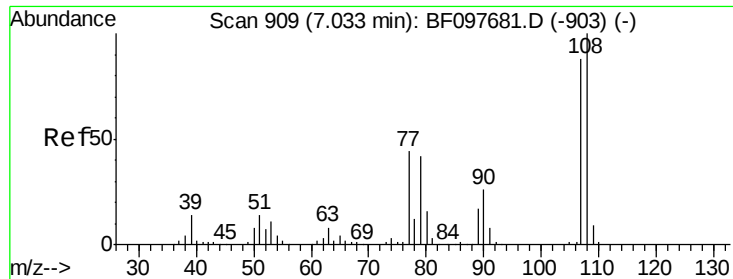
Ion Ratio Lower Upper

45 100

77 17.2 0.0 33.2

79 13.1 0.0 30.0

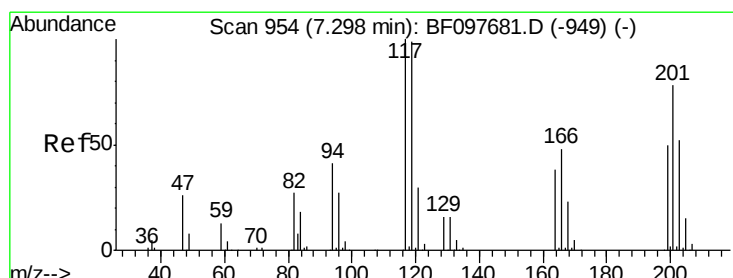
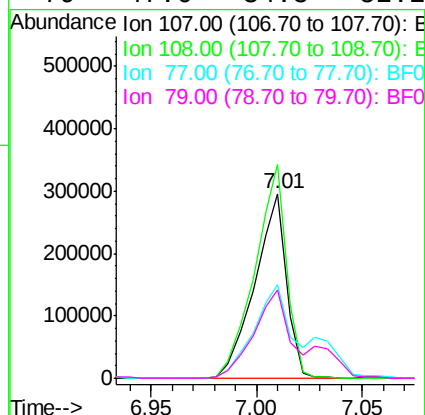
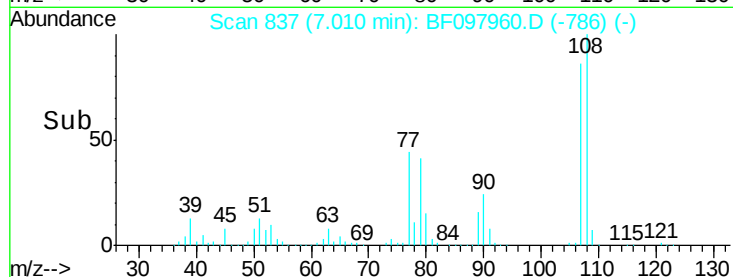
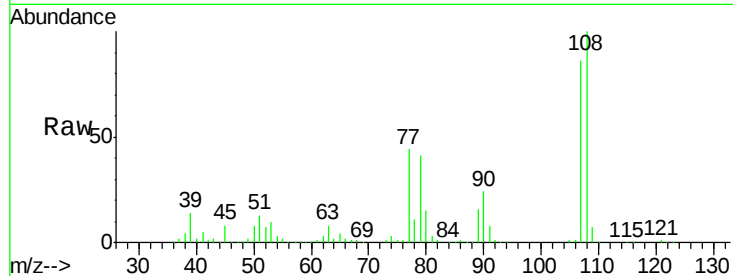




#17
2-Methylphenol
Concen: 40.91 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

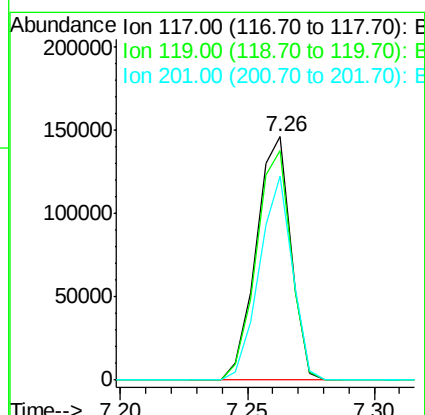
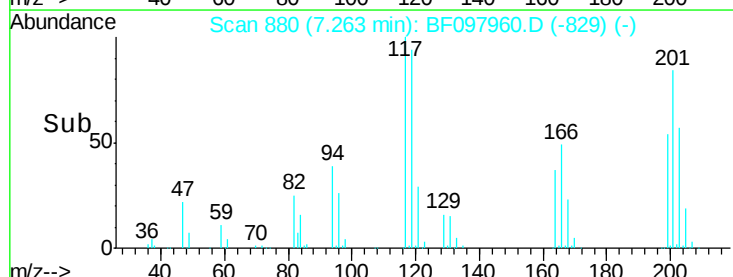
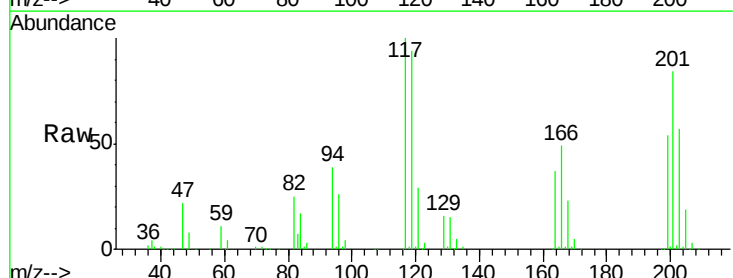
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

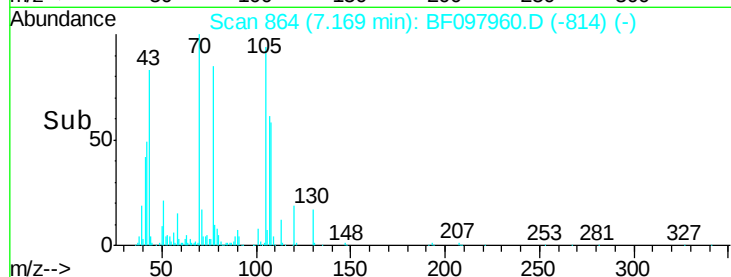
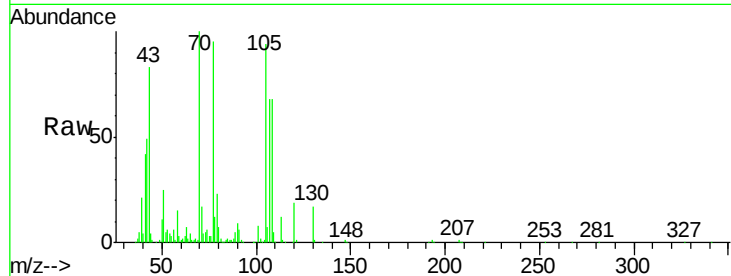
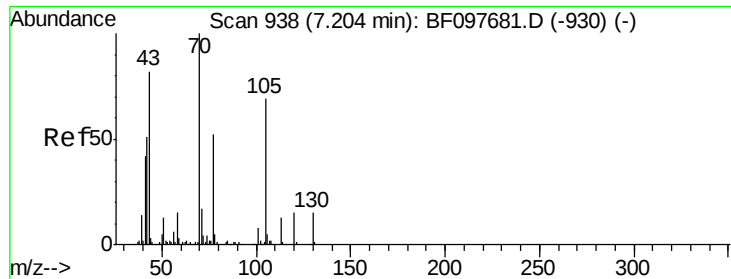
Tot Ion:	107	Resp:	309155
Ion	Ratio	Lower	Upper
107	100		
108	115.7	93.4	140.0
77	50.8	35.8	53.6
79	47.6	34.8	52.2



#18
Hexachloroethane
Concen: 38.15 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:	117	Resp:	140327
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
201	83.9	94.6	141.8#

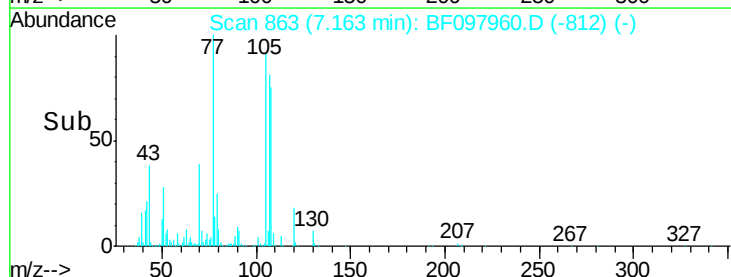
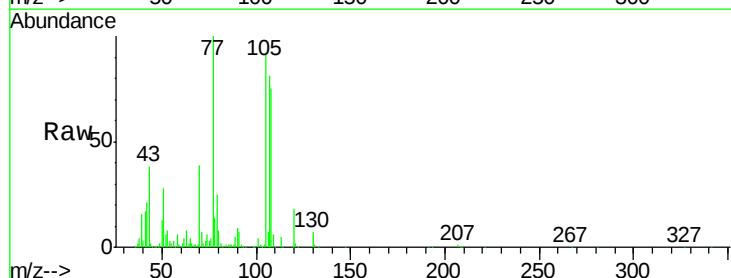
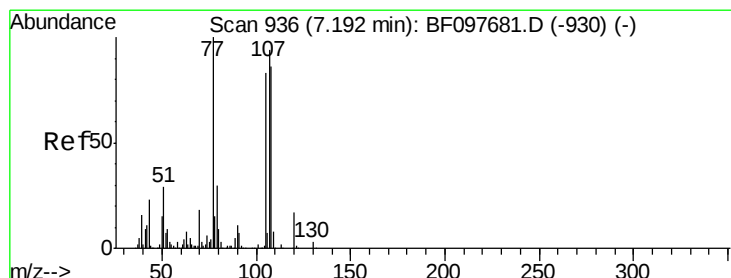
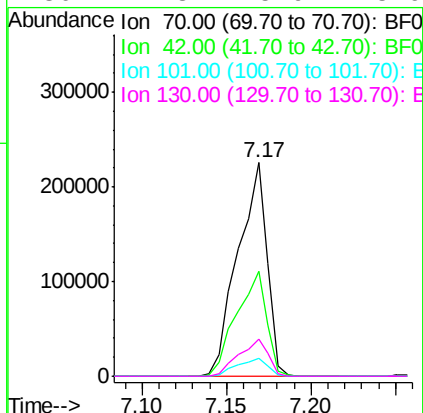




#19
n-Nitroso-di-n-propylamine
Concen: 36.13 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

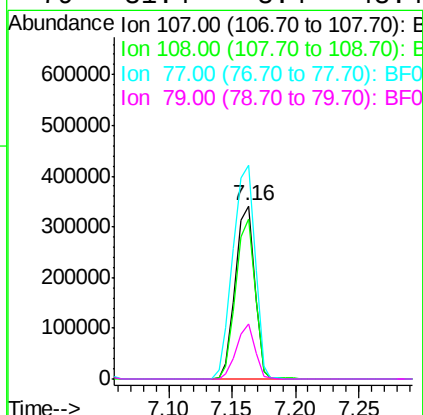
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

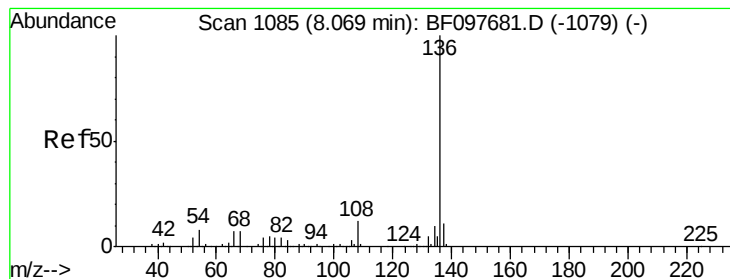
Tot Ion:	70	Resp:	273305
Ion	Ratio	Lower	Upper
70	100		
42	49.2	47.2	70.8
101	8.4	7.2	10.8
130	17.3	15.9	23.9



#20
3+4-Methylphenols
Concen: 38.99 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:	107	Resp:	359963
Ion	Ratio	Lower	Upper
107	100		
108	92.2	71.0	111.0
77	123.3	90.5	130.5
79	31.4	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

Tot Ion:136 Resp: 503367

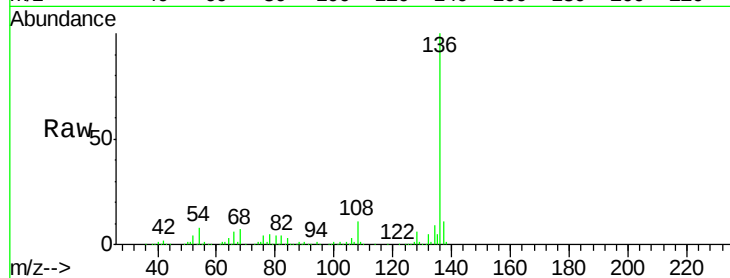
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.6 4.9 7.3#

68 6.7 4.1 6.1#

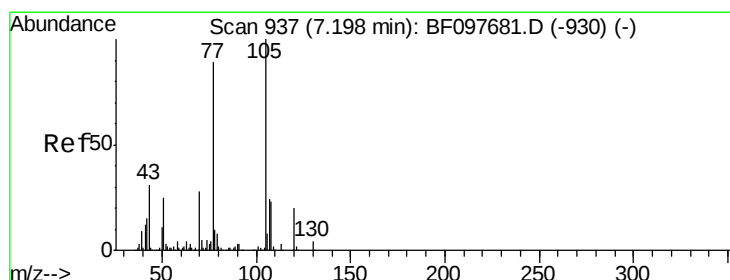
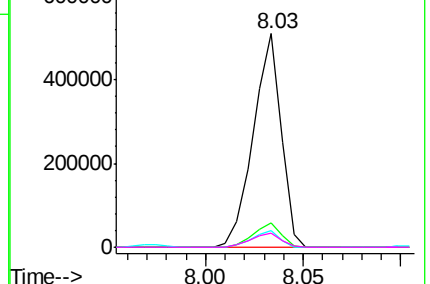
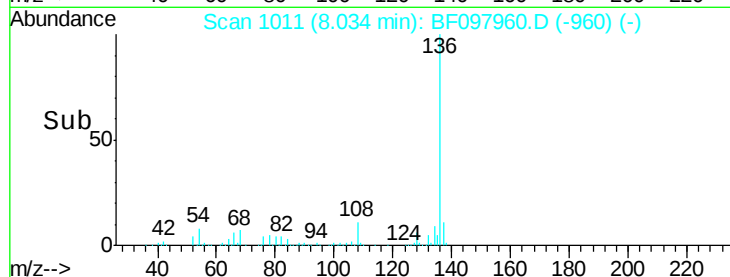


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.29 ng

RT: 7.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Tgt Ion:105 Resp: 482617

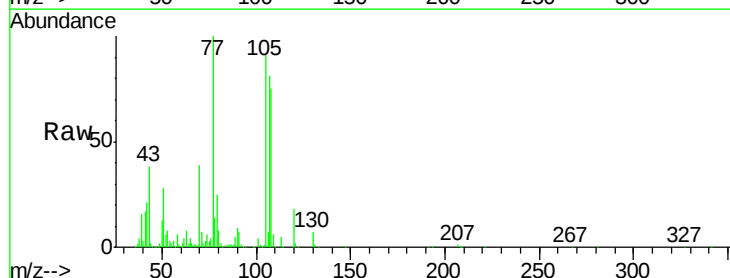
Ion Ratio Lower Upper

105 100

71 7.5 2.8 4.2#

51 30.9 30.7 46.1

120 20.2 17.4 26.0

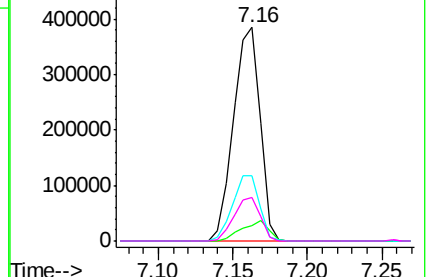
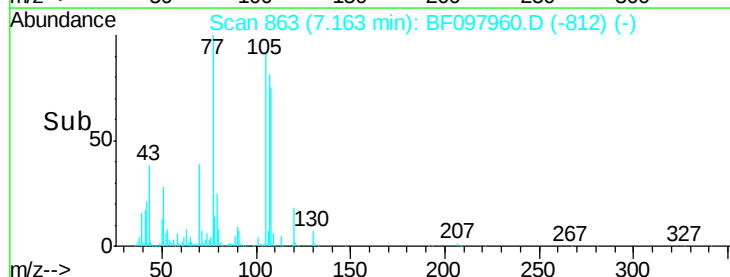


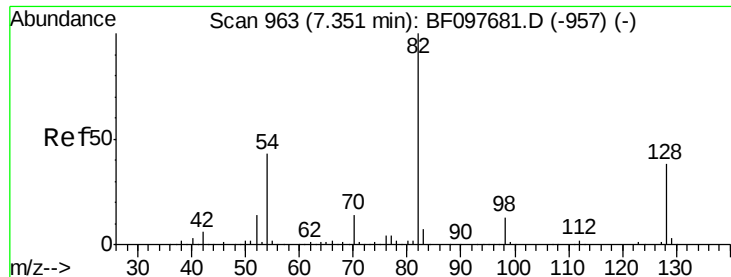
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

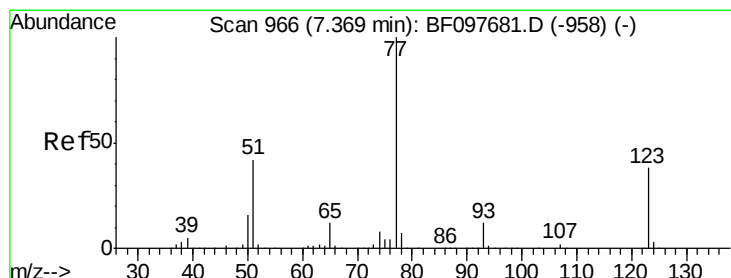
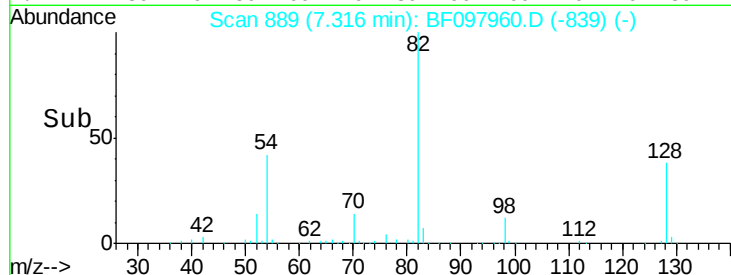
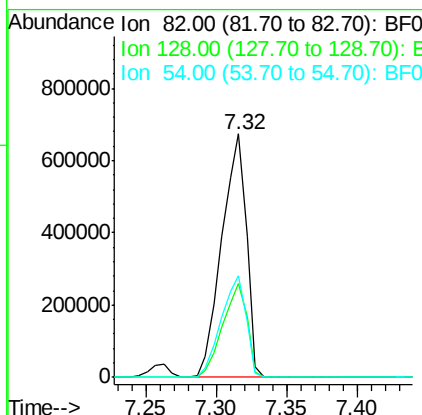
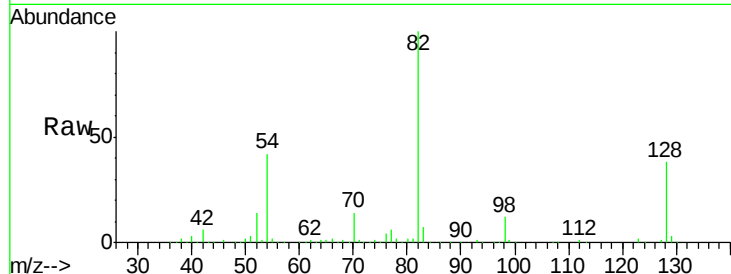




#23
 Nitrobenzene-d5
 Concen: 88.13 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

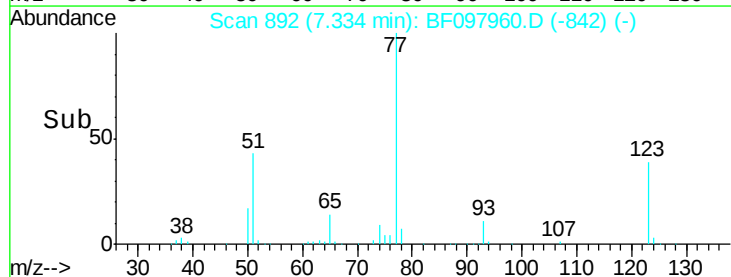
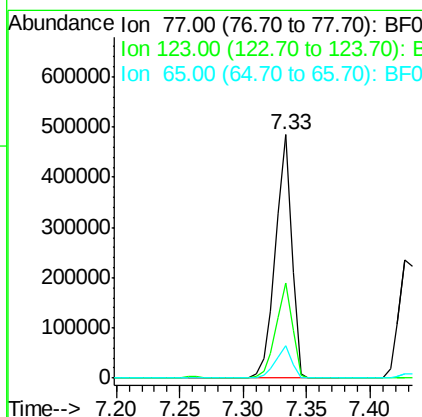
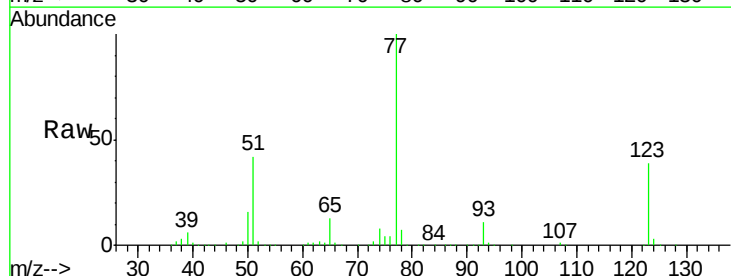
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

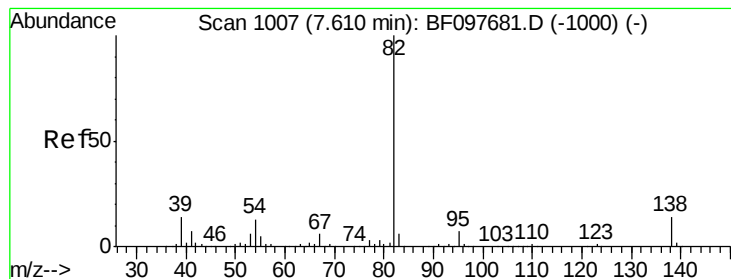
Tot Ion	82	Resp	816628
Ion Ratio	Lower	Upper	
82	100		
128	38.3	34.0	51.0
54	41.7	42.2	63.2#



#24
 Nitrobenzene
 Concen: 41.72 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion	77	Resp	430401
Ion Ratio	Lower	Upper	
77	100		
123	39.2	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.12 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

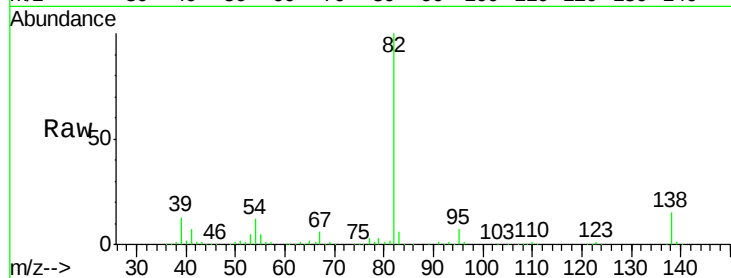
Tot Ion: 82 Resp: 792178

Ion Ratio Lower Upper

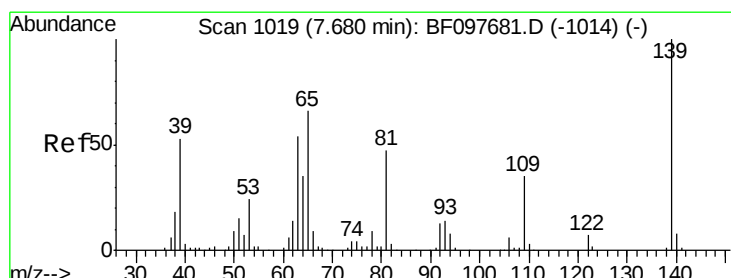
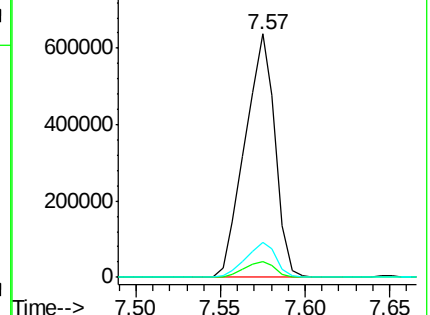
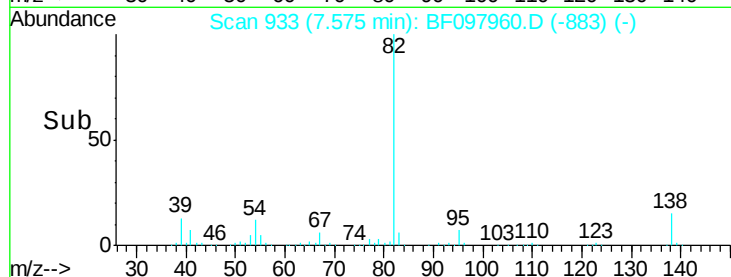
82 100

95 6.5 5.3 7.9

138 14.6 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: 46.83 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

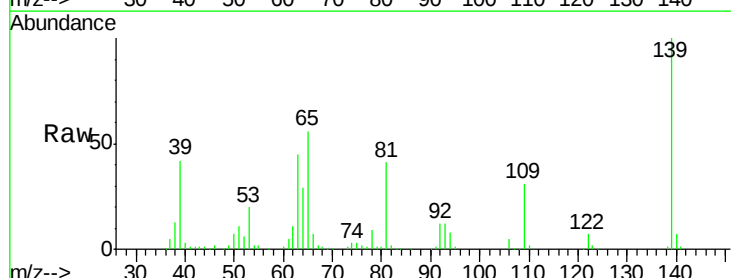
Tgt Ion: 139 Resp: 174517

Ion Ratio Lower Upper

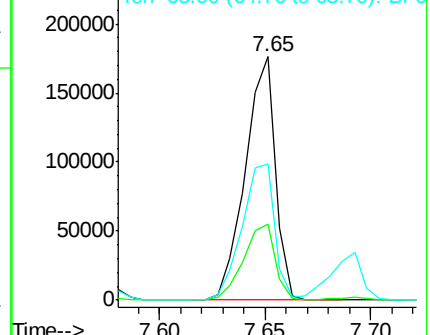
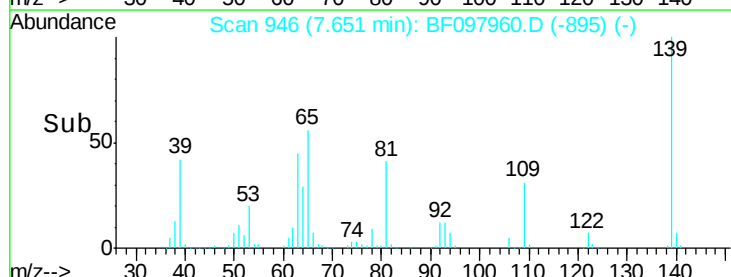
139 100

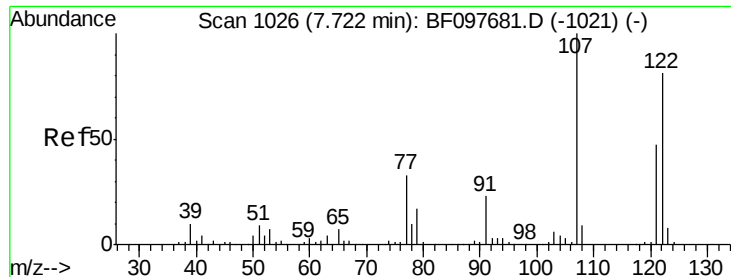
109 31.1 21.0 31.6

65 56.1 33.0 49.6#



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

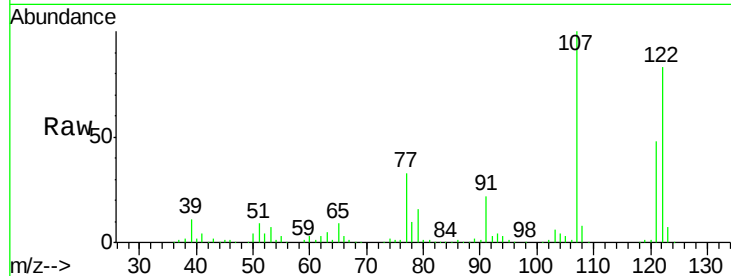




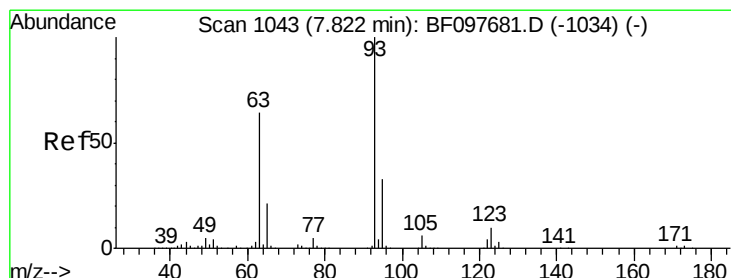
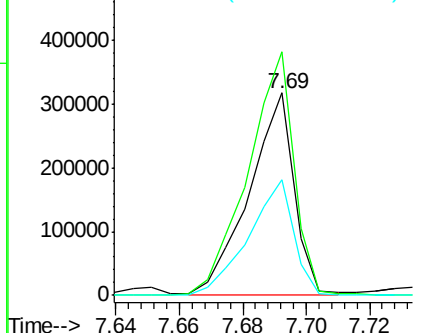
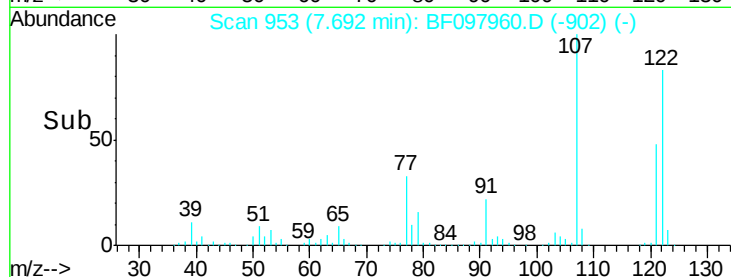
#27
 2,4-Dimethylphenol
 Concen: 39.02 ng
 RT: 7.69 min Scan# 953
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleID :
 PB101706BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	89.2	133.8
121	57.3	45.2	67.8

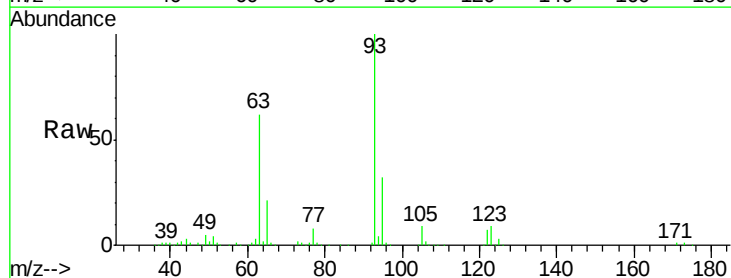


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

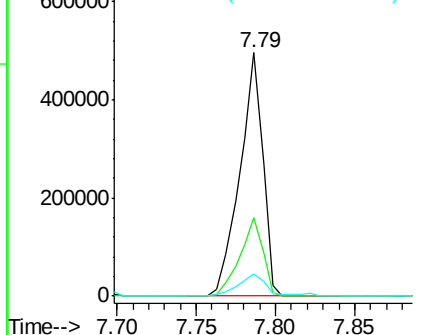
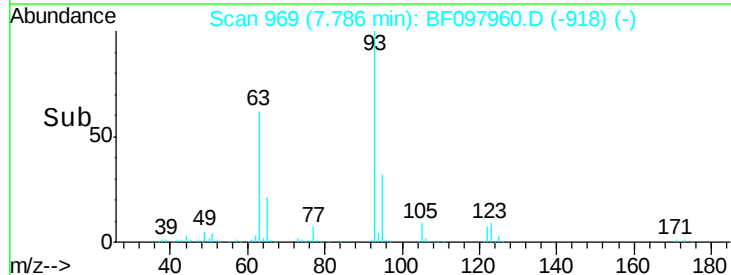


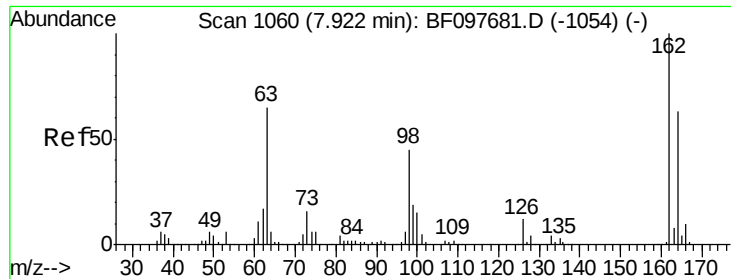
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.13 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	9.4	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

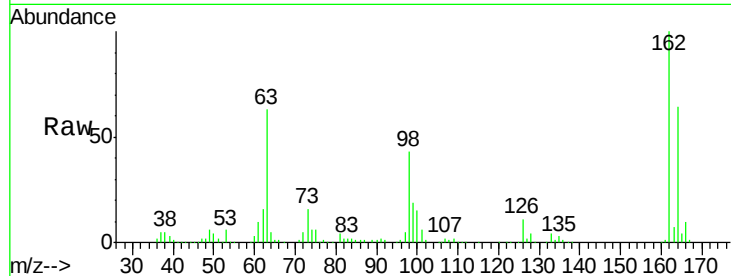




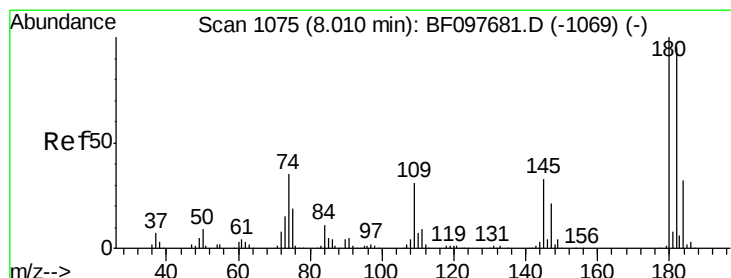
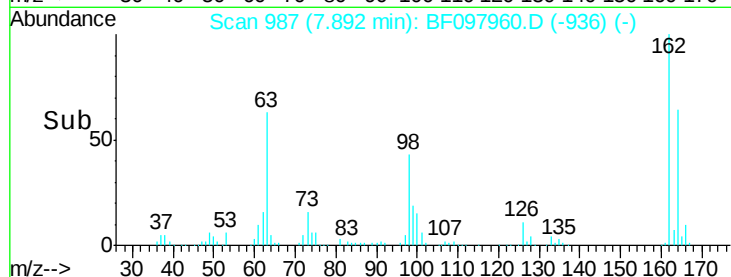
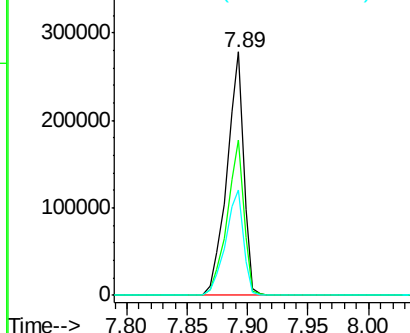
#29
 2,4-Dichlorophenol
 Concen: 40.65 ng
 RT: 7.89 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:162 Resp: 271133
 Ion Ratio Lower Upper
 162 100
 164 63.5 44.6 84.6
 98 43.3 14.8 54.8

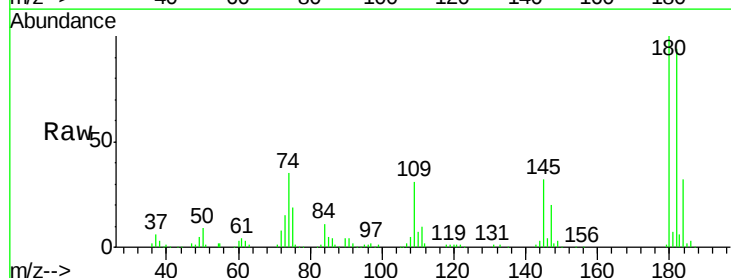


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

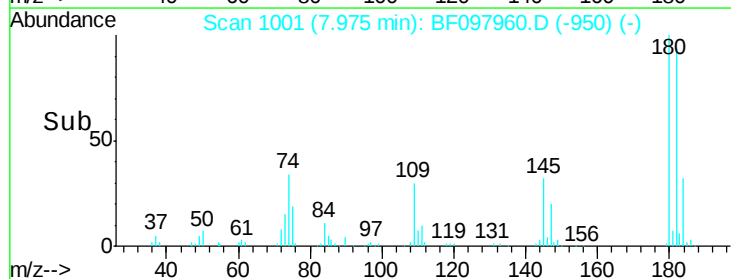
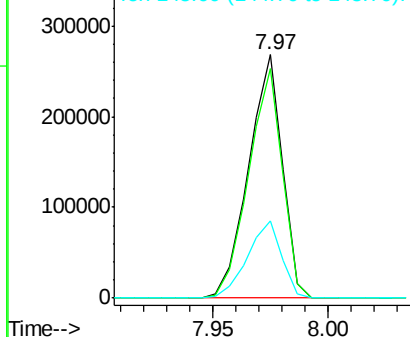


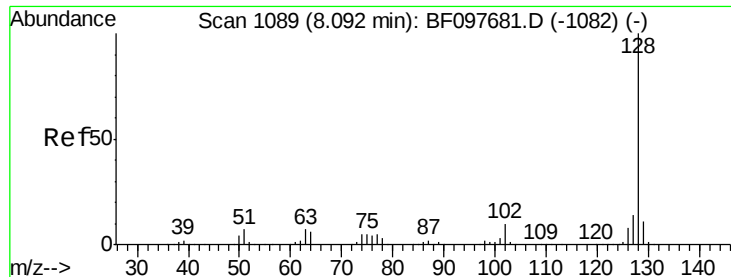
#30
 1,2,4-Trichlorobenzene
 Concen: 36.90 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:180 Resp: 272817
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.8 113.6
 145 31.6 25.3 37.9



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

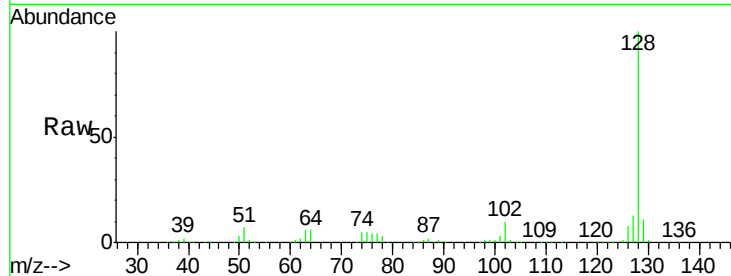




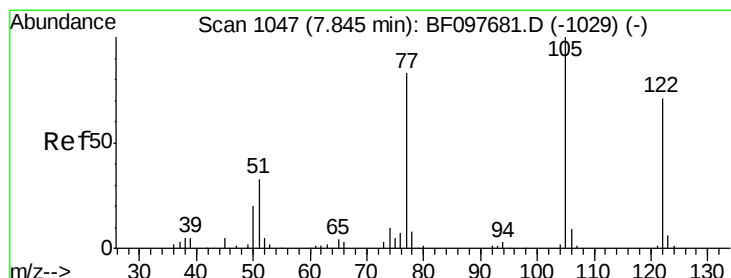
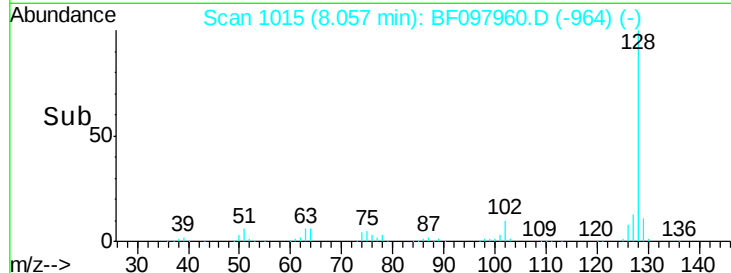
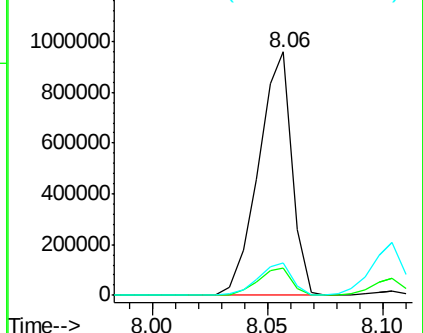
#31
Naphthalene
Concen: 36.90 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101706BSD

Tot Ion:128 Resp: 964402
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.4 10.8 16.2

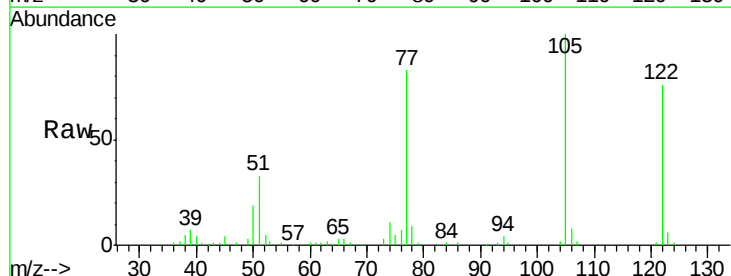


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

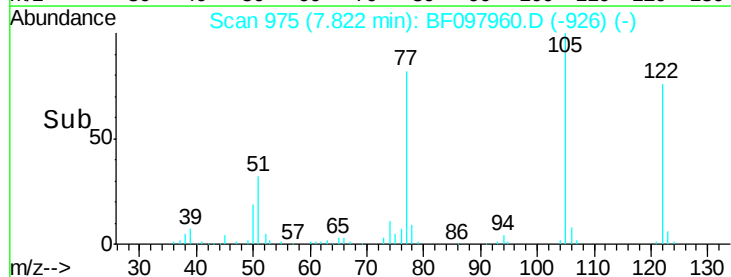
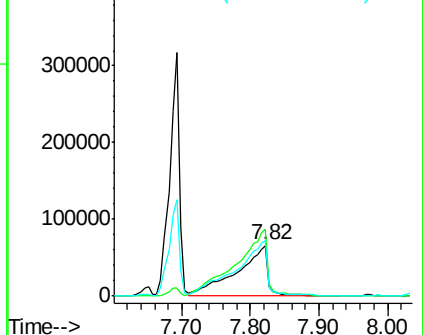


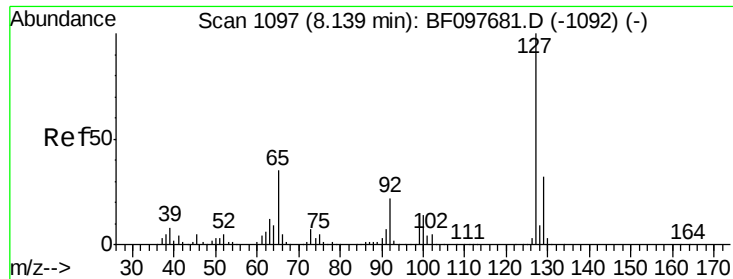
#32
Benzoic acid
Concen: 37.43 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:122 Resp: 209603
Ion Ratio Lower Upper
122 100
105 132.1 103.3 143.3
77 109.3 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

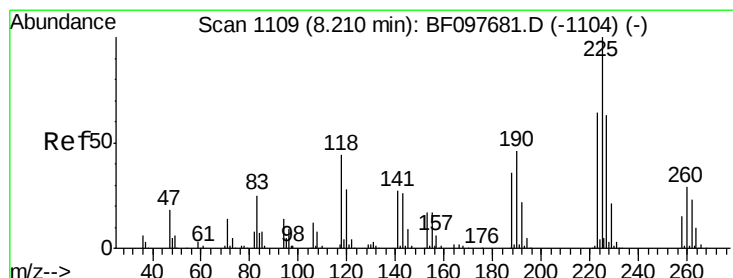
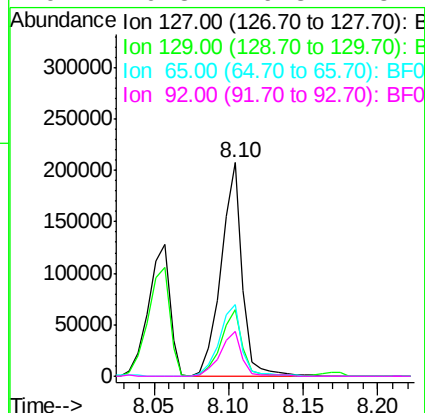
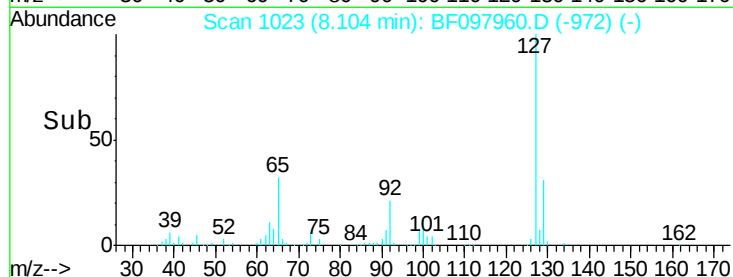
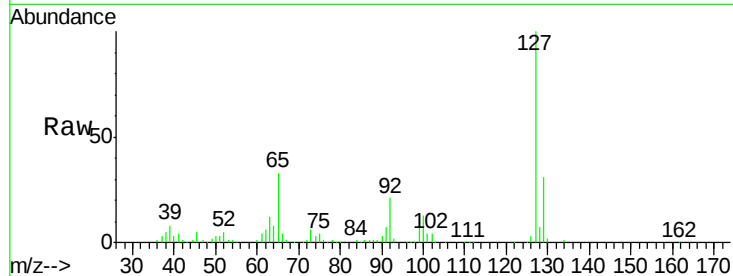




#33
4-Chloroaniline
Concen: 18.85 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

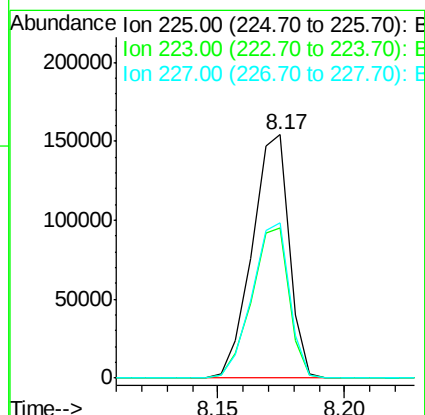
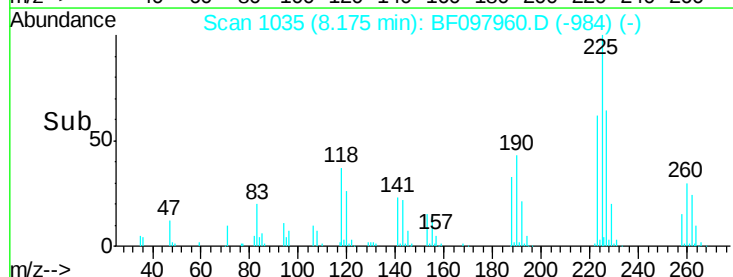
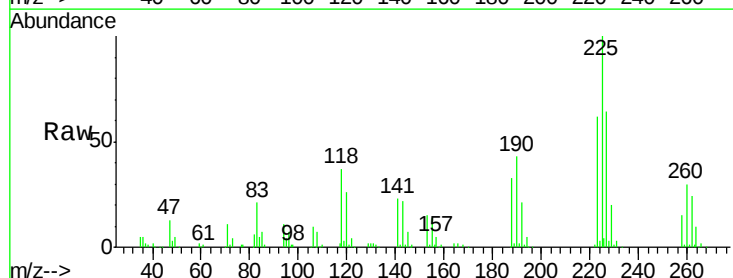
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

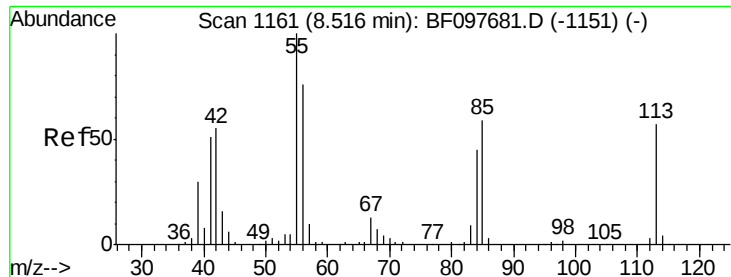
Tot Ion:127 Resp: 207744
Ion Ratio Lower Upper
127 100
129 31.4 26.2 39.2
65 33.3 27.8 41.8
92 20.8 16.8 25.2



#34
Hexachlorobutadiene
Concen: 36.49 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:225 Resp: 157542
Ion Ratio Lower Upper
225 100
223 61.8 48.8 73.2
227 63.6 51.1 76.7

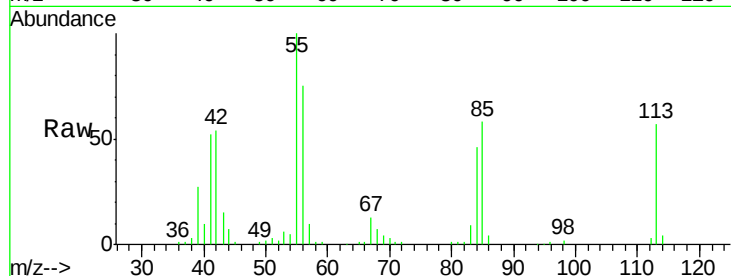




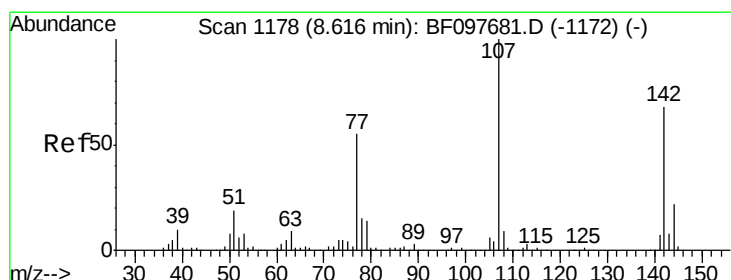
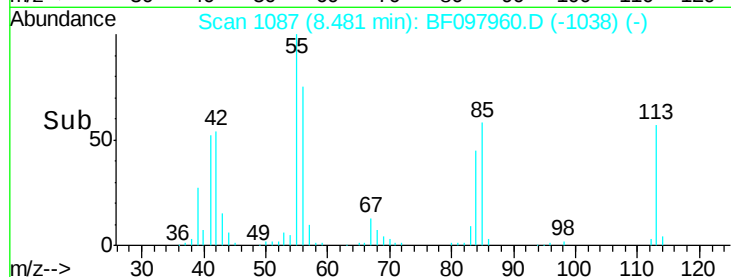
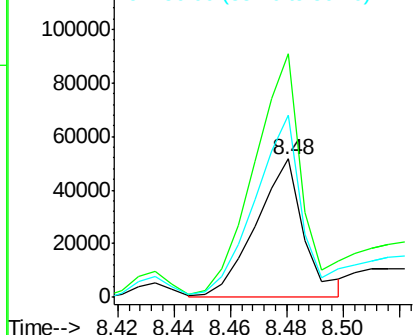
#35
 Caprolactam
 Concen: 26.99 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:113 Resp: 61205
 Ion Ratio Lower Upper
 113 100
 55 176.4 150.2 190.2
 56 131.7 107.8 147.8

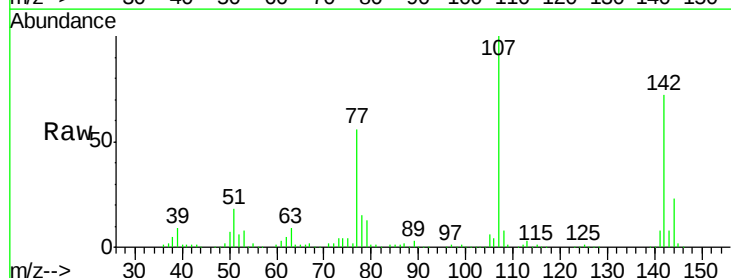


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

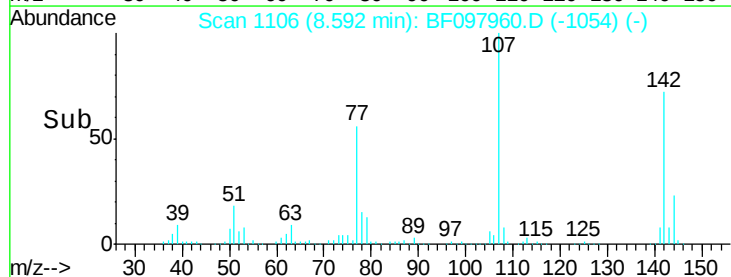
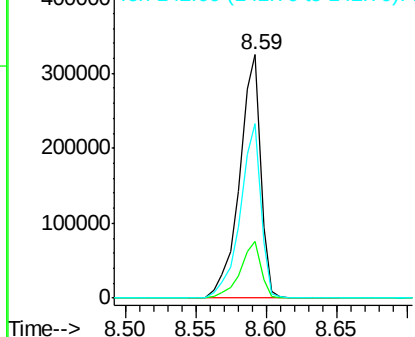


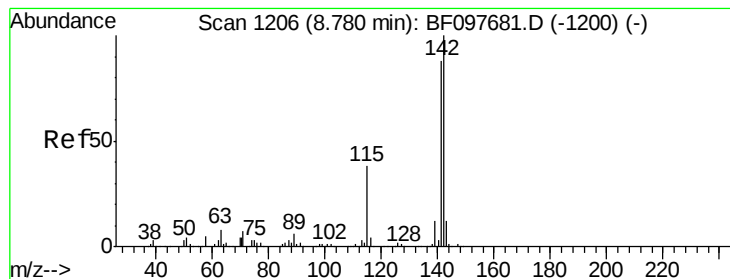
#36
 4-Chloro-3-methylphenol
 Concen: 39.59 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:107 Resp: 339260
 Ion Ratio Lower Upper
 107 100
 144 23.4 24.2 36.4#
 142 71.7 73.4 110.0#



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.35 ng

RT: 8.75 min Scan# 1132

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

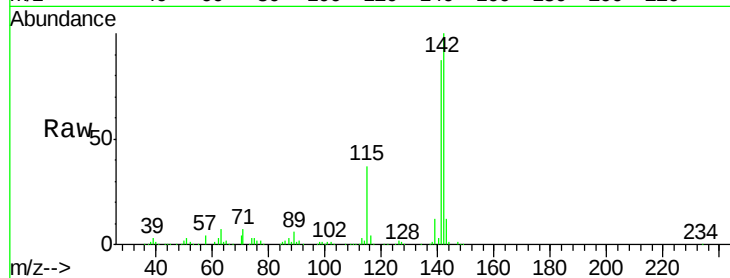
Tot Ion:142 Resp: 646525

Ion Ratio Lower Upper

142 100

141 86.7 71.3 106.9

115 37.1 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

8.75

600000

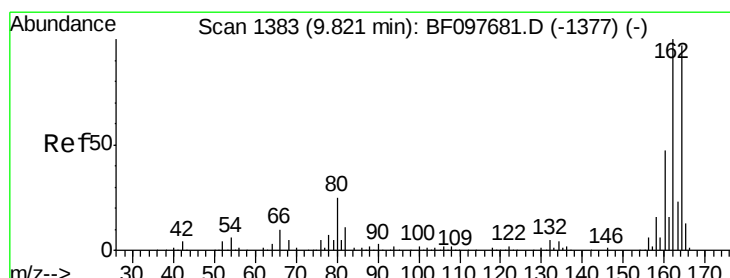
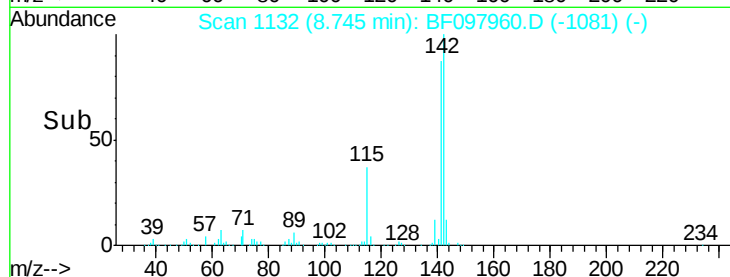
400000

200000

0

Time-->

8.70 8.75 8.80



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

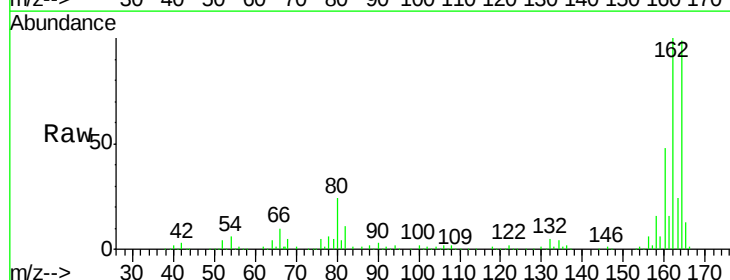
Tgt Ion:164 Resp: 241168

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

160 49.1 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

9.79

300000

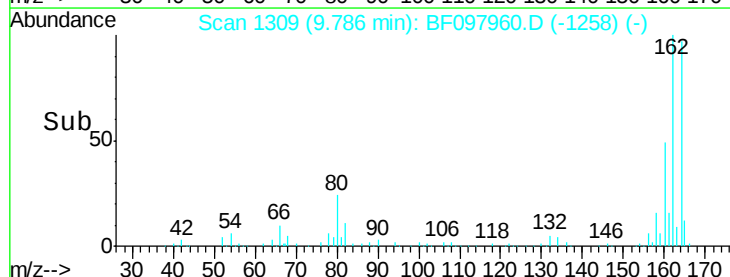
200000

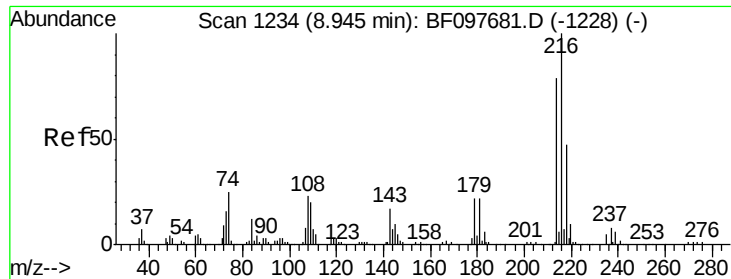
100000

0

Time-->

9.75 9.80

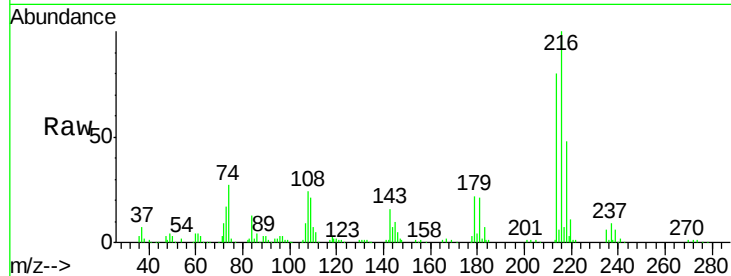




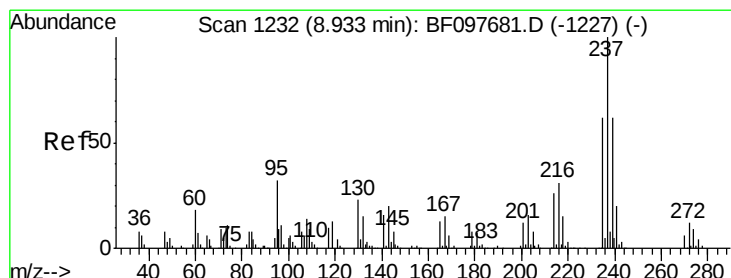
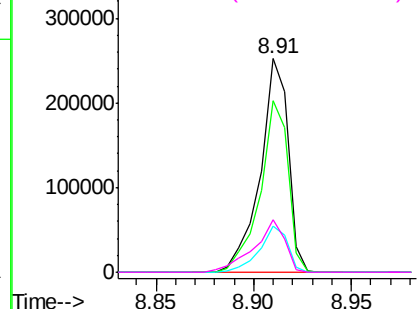
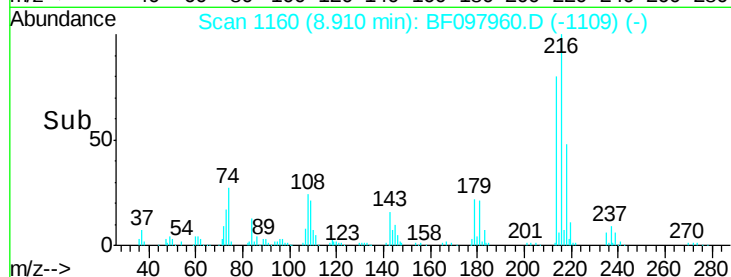
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.75 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:216	Resp:	249808
Ion Ratio	Lower	Upper
216	100	
214	80.2	63.4 95.2
179	21.5	17.9 26.9
108	27.4	16.5 24.7#

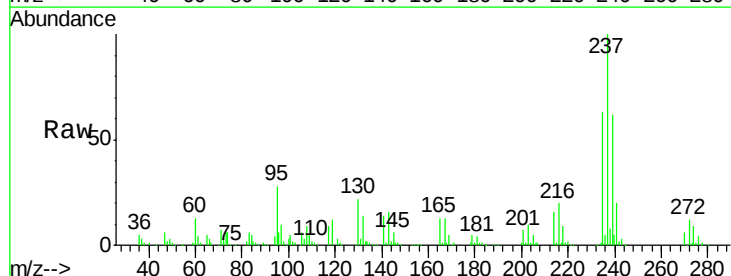


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

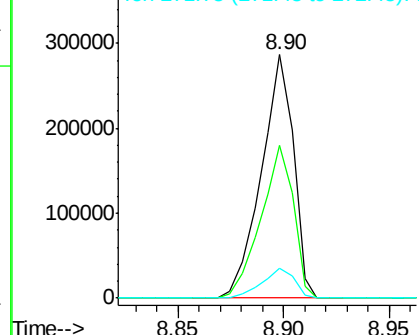
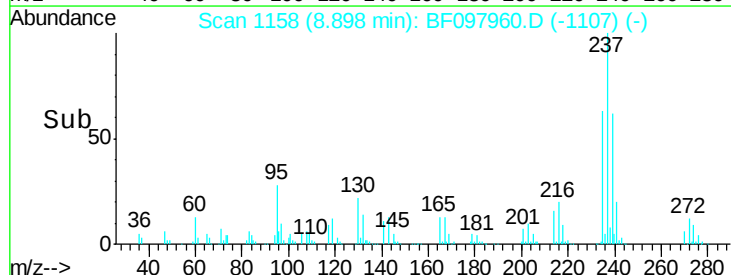


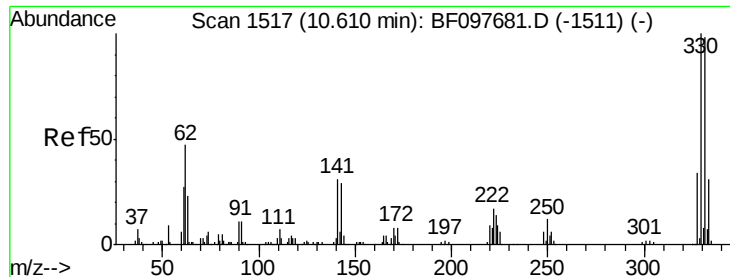
#40
 Hexachlorocyclopentadiene
 Concen: 85.50 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:237	Resp:	304021
Ion Ratio	Lower	Upper
237	100	
235	63.0	42.6 82.6
272	12.1	0.0 31.9



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

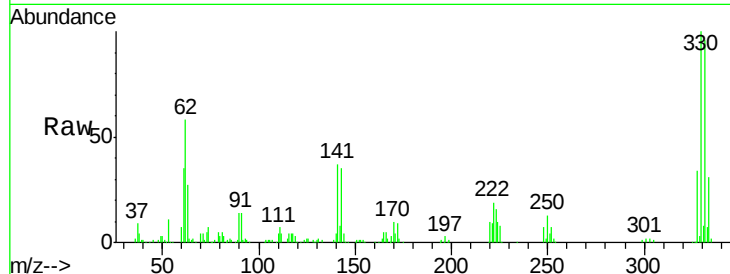




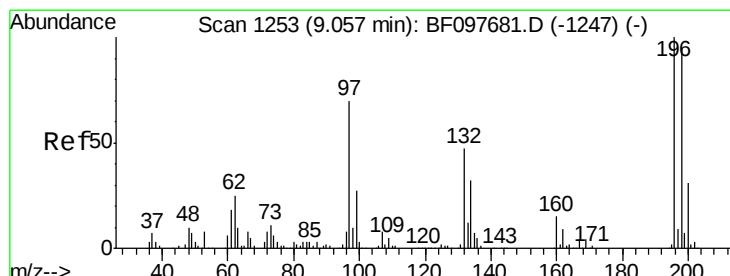
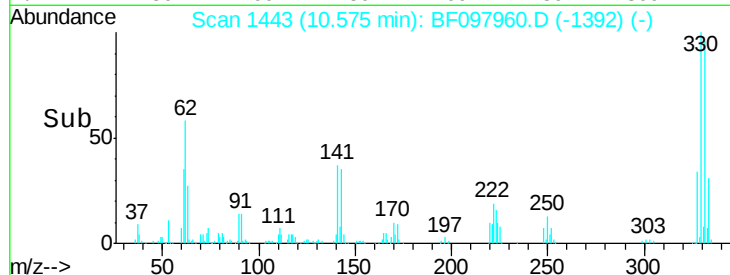
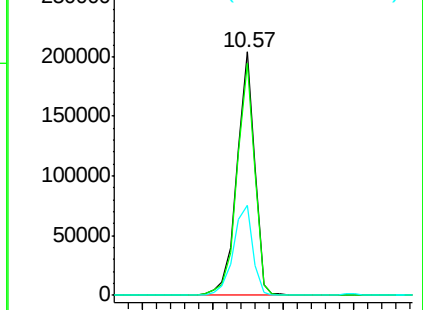
#41
 2,4,6-Tribromophenol
 Concen: 85.16 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:330 Resp: 178204
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 40.6 31.4 47.2

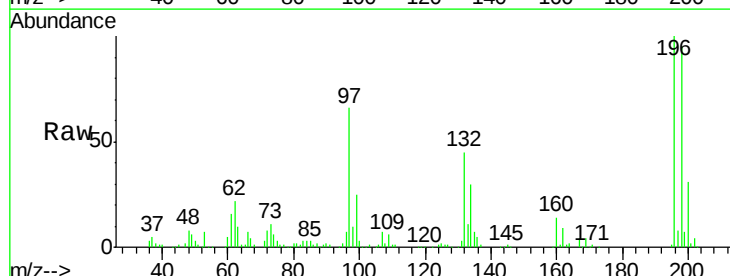


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

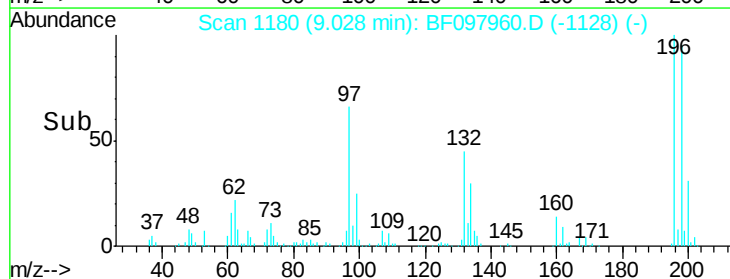
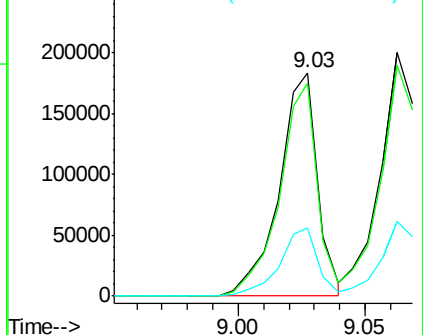


#42
 2,4,6-Trichlorophenol
 Concen: 38.90 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:196 Resp: 193283
 Ion Ratio Lower Upper
 196 100
 198 95.4 74.2 111.4
 200 30.5 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

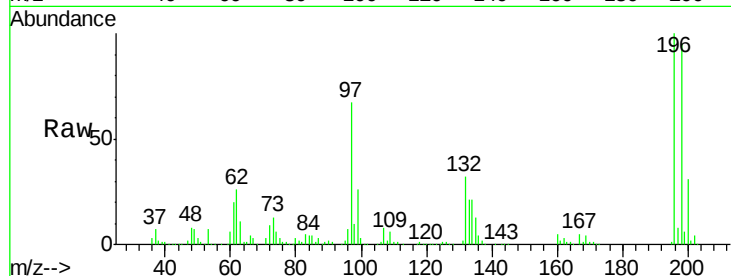




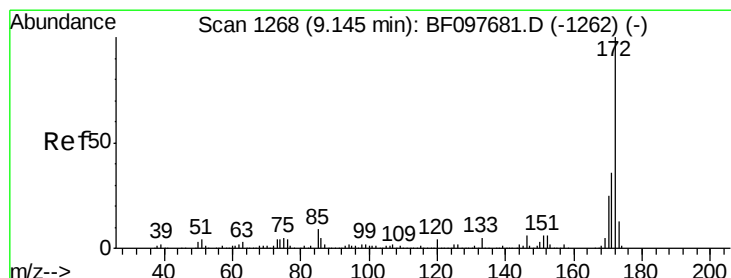
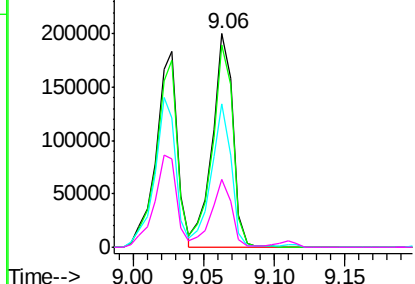
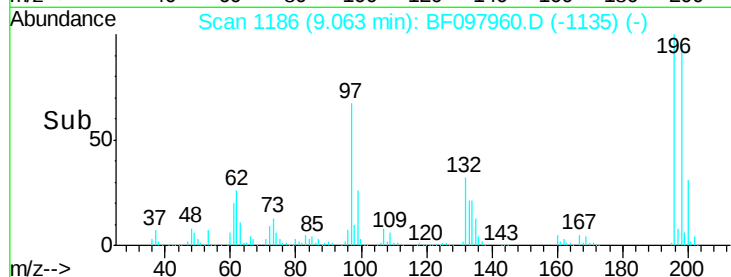
#43
 2,4,5-Trichlorophenol
 Concen: 41.19 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:196 Resp: 203070
 Ion Ratio Lower Upper
 196 100
 198 94.9 75.7 113.5
 97 67.1 47.7 71.5
 132 31.6 28.0 42.0

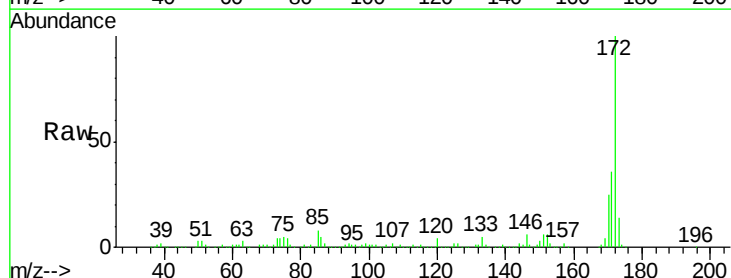


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

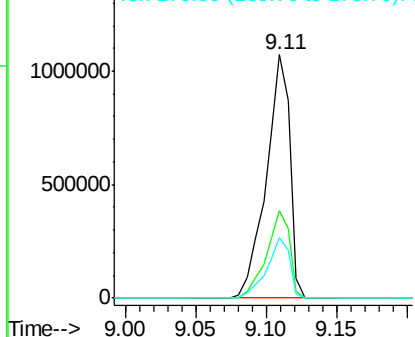
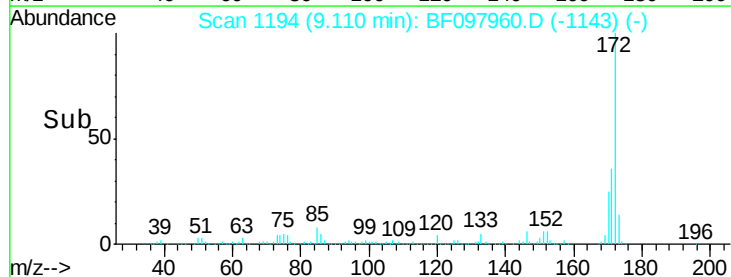


#44
 2-Fluorobiphenyl
 Concen: 76.52 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:172 Resp: 1256045
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.7 19.8 29.8



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

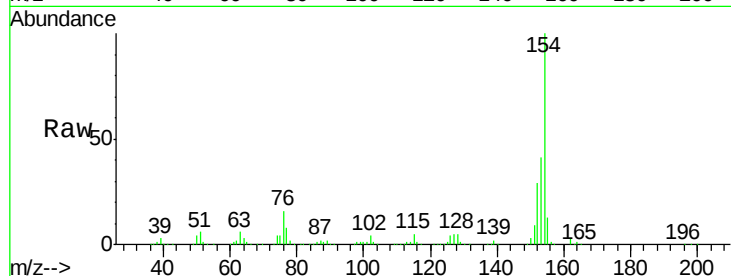




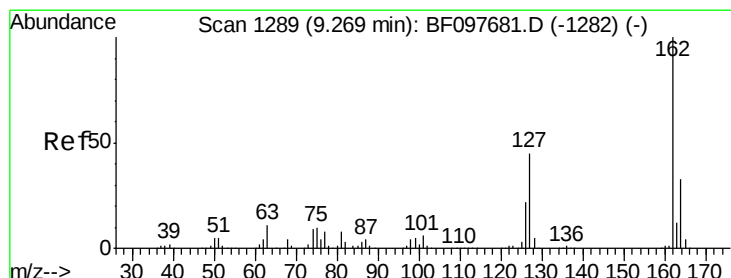
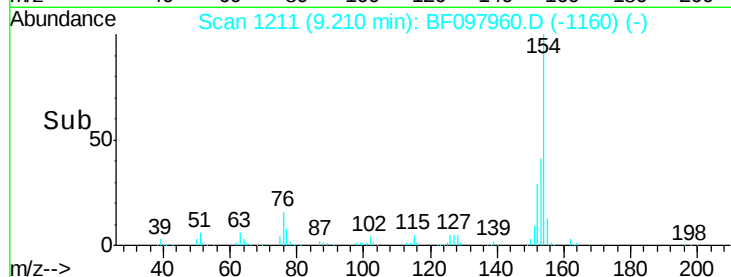
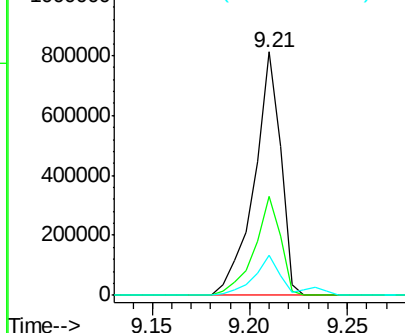
#45
 1,1'-Biphenyl
 Concen: 34.53 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:154 Resp: 759471
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 16.4 0.0 29.9

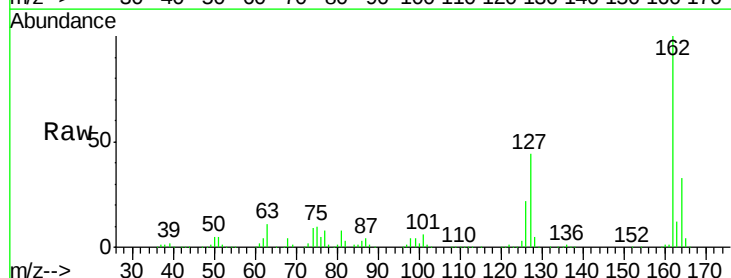


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

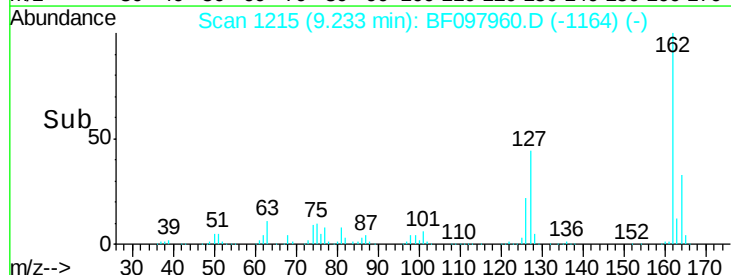
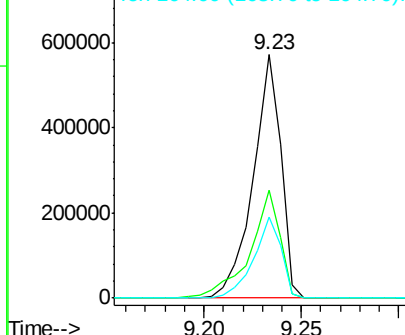


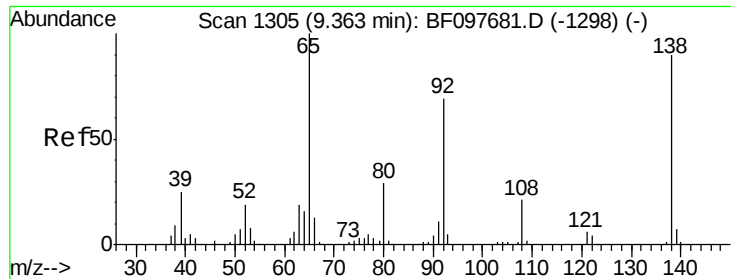
#46
 2-Chloronaphthalene
 Concen: 34.70 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:162 Resp: 563922
 Ion Ratio Lower Upper
 162 100
 127 44.4 28.3 42.5#
 164 33.3 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

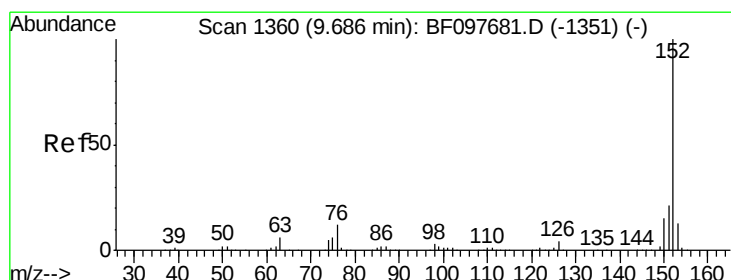
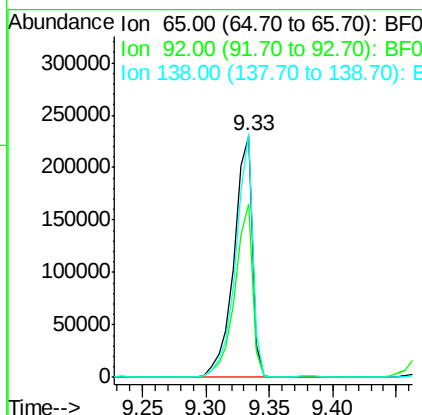
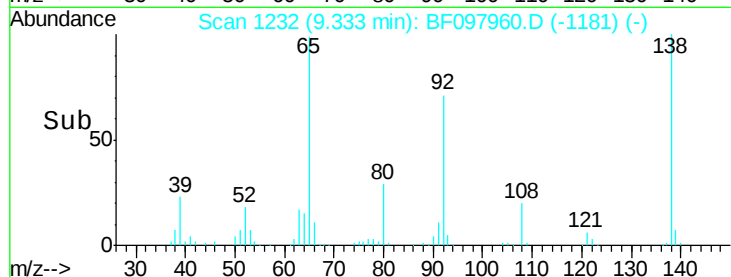
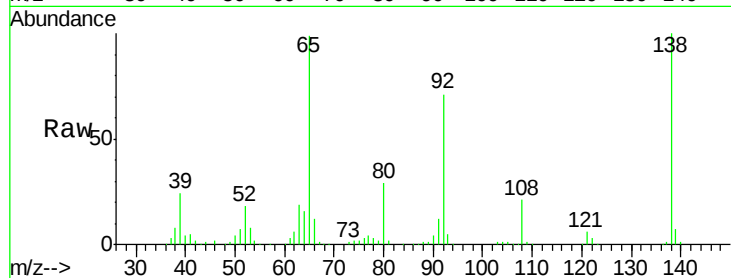




#47
 2-Nitroaniline
 Concen: 42.02 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

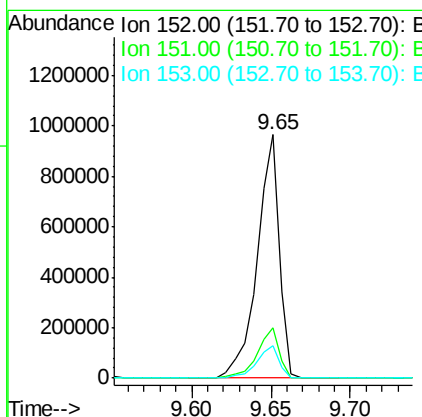
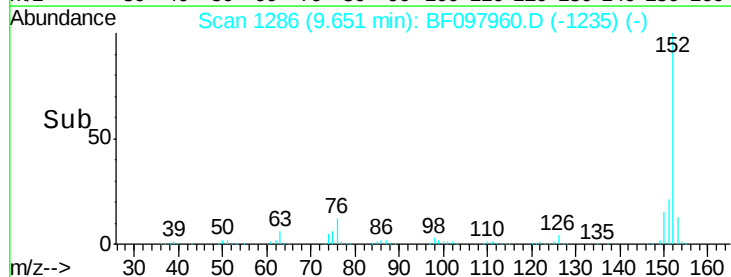
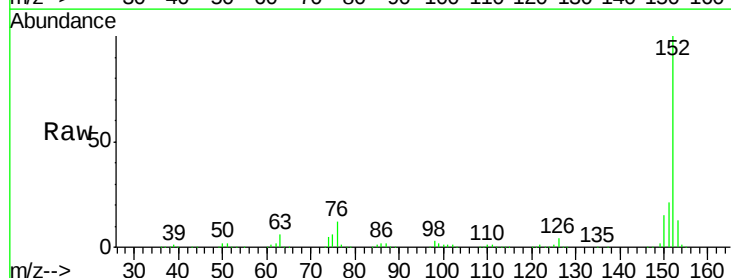
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

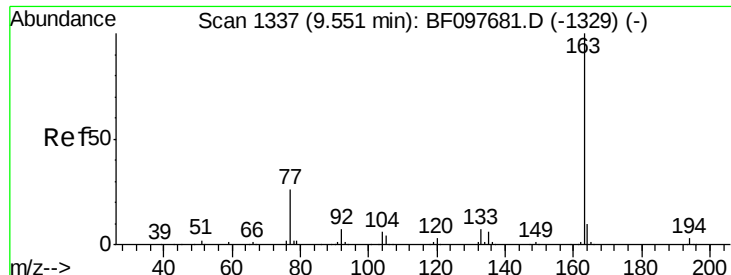
Tot Ion: 65 Resp: 228915
 Ion Ratio Lower Upper
 65 100
 92 71.9 53.9 80.9
 138 100.8 78.8 118.2



#48
 Acenaphthylene
 Concen: 36.63 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion: 152 Resp: 934744
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.8 25.2
 153 13.2 10.8 16.2

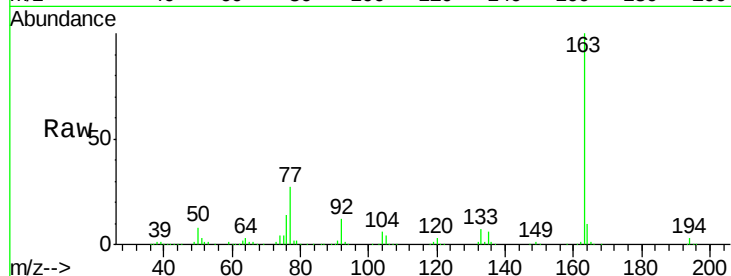




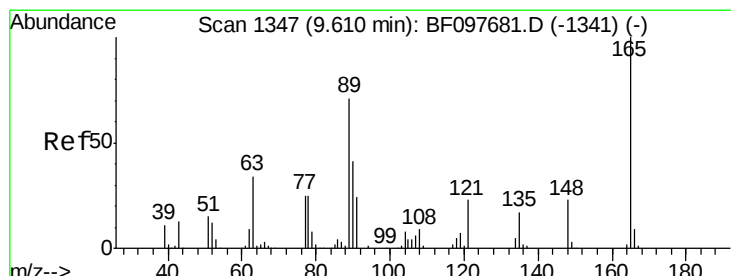
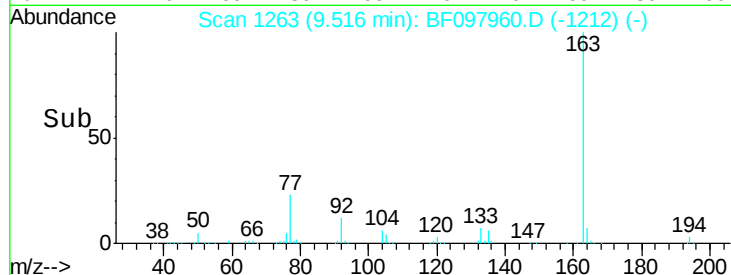
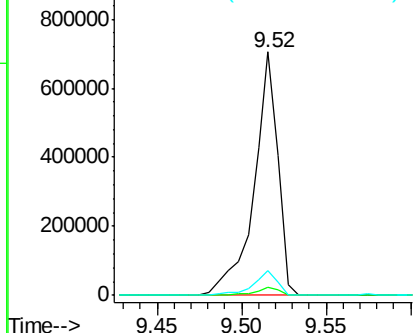
#49
Dimethylphthalate
Concen: 39.34 ng
RT: 9.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101706BSD

Tot Ion:163 Resp: 693482
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.4 12.6

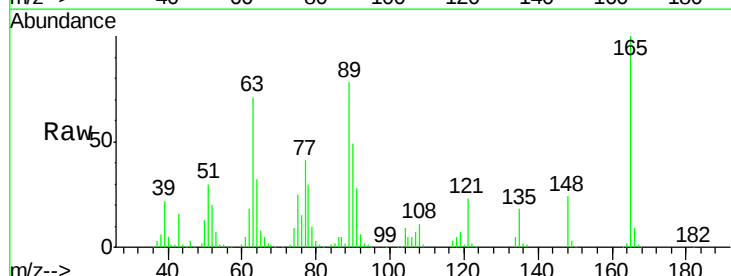


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

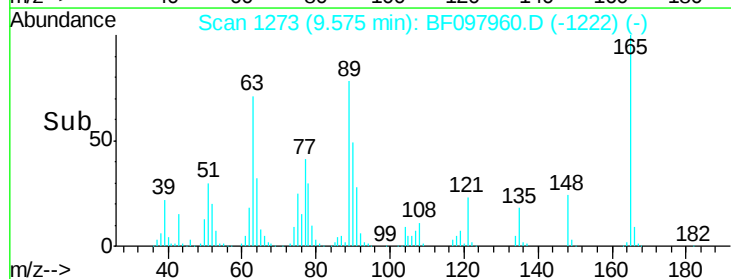
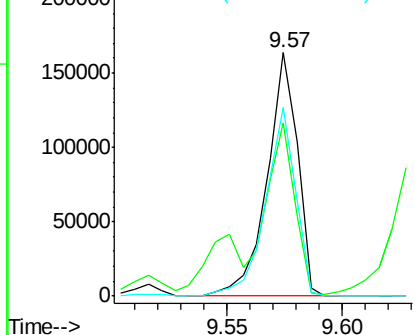


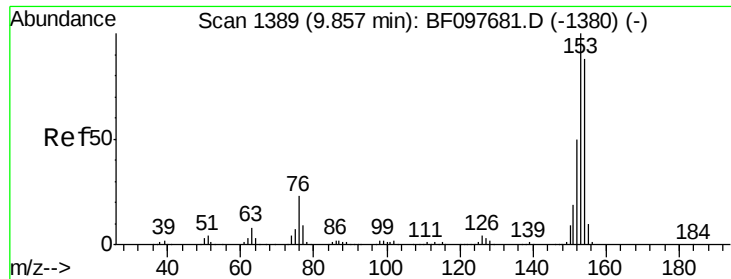
#50
2,6-Dinitrotoluene
Concen: 42.64 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:165 Resp: 150038
Ion Ratio Lower Upper
165 100
63 70.9 34.3 51.5#
89 77.7 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

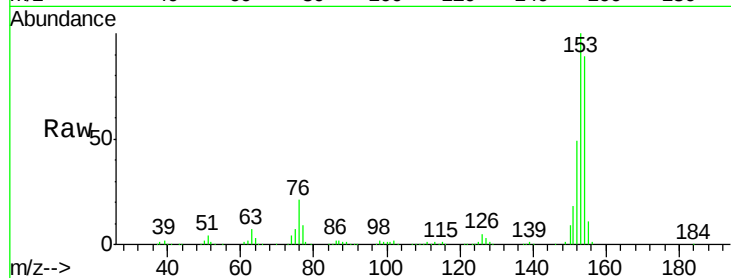




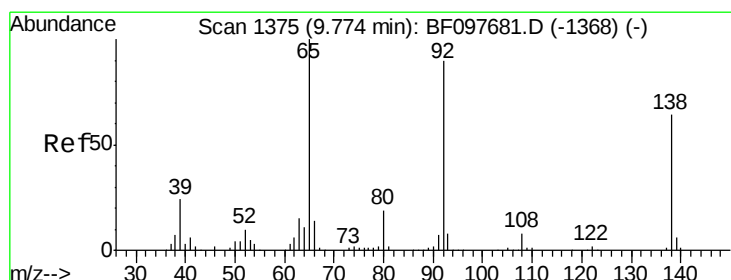
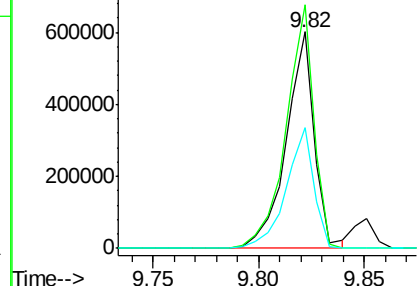
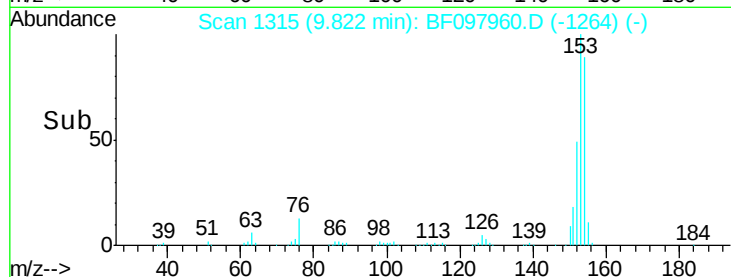
#51
Acenaphthene
Concen: 34.85 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101706BSD

Tot Ion:154 Resp: 560812
Ion Ratio Lower Upper
154 100
153 112.4 90.5 135.7
152 55.6 43.6 65.4

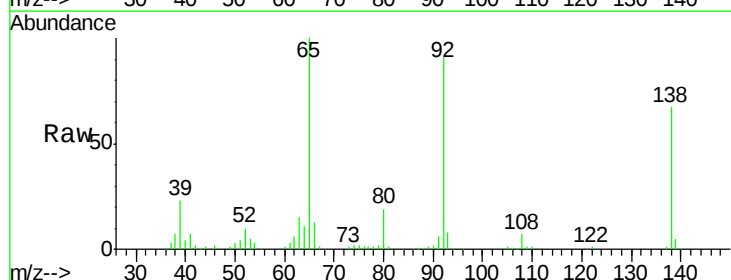


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

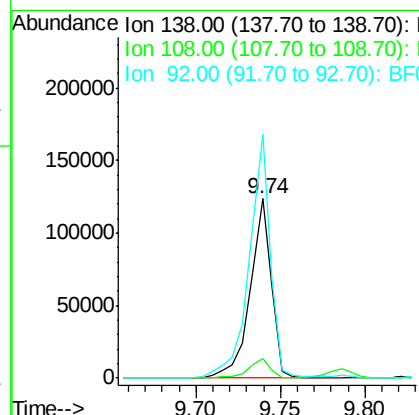
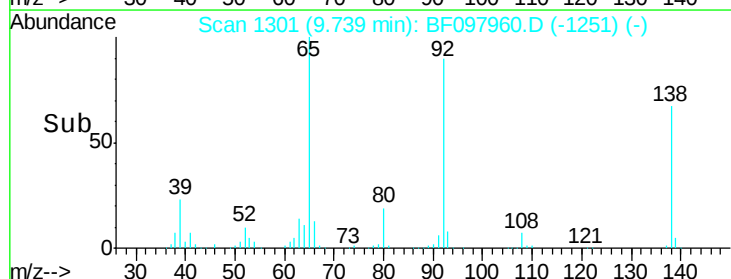


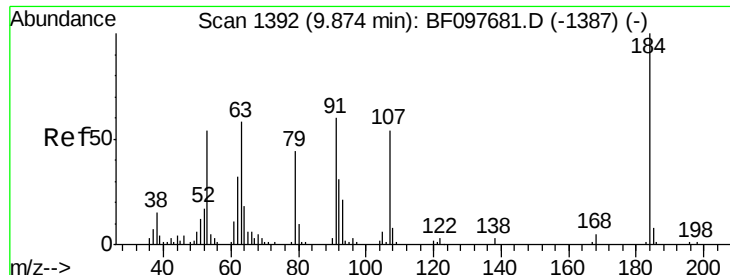
#52
3-Nitroaniline
Concen: 24.09 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:138 Resp: 109382
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 135.8 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

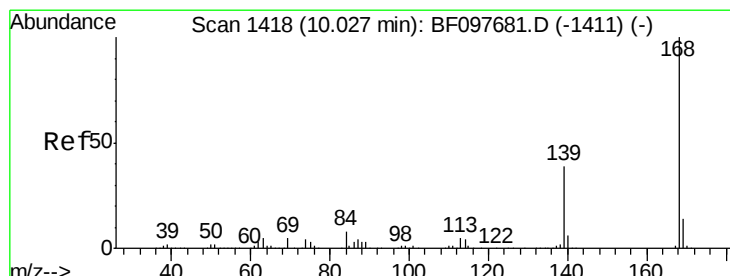
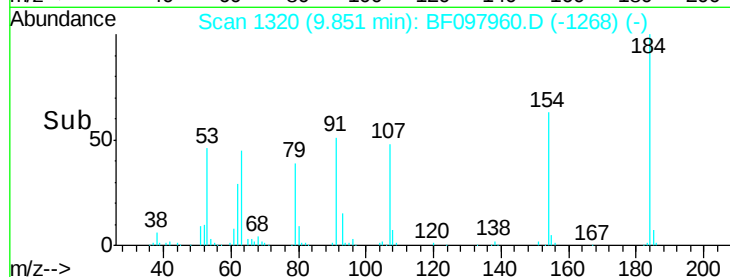
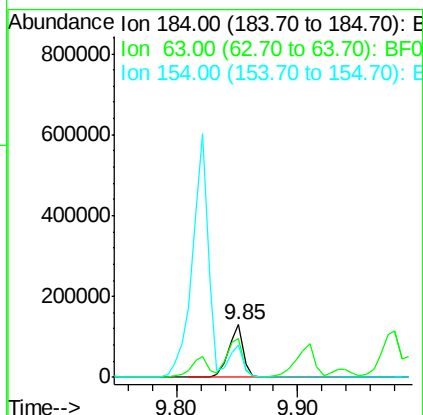
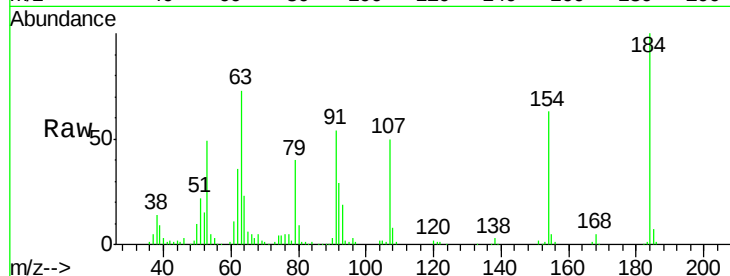




#53
 2,4-Dinitrophenol
 Concen: 68.67 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

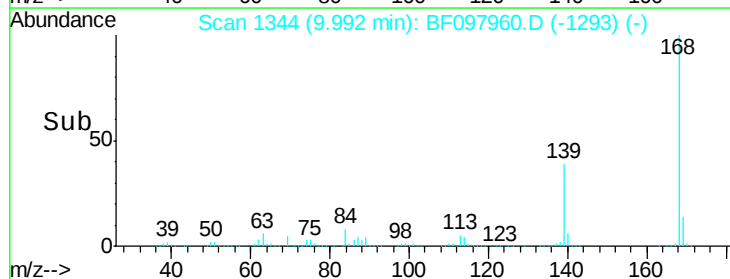
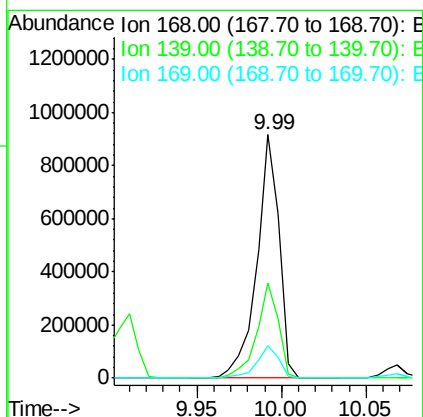
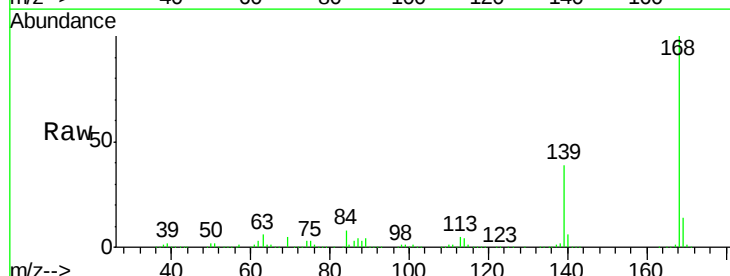
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

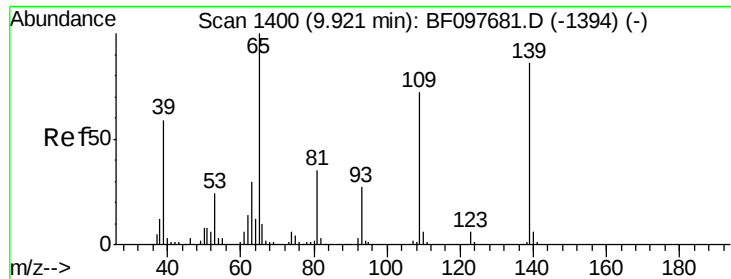
Tot Ion:184 Resp: 112190
 Ion Ratio Lower Upper
 184 100
 63 73.4 62.7 94.1
 154 62.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 38.93 ng
 RT: 9.99 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:168 Resp: 839746
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.5 10.8 16.2

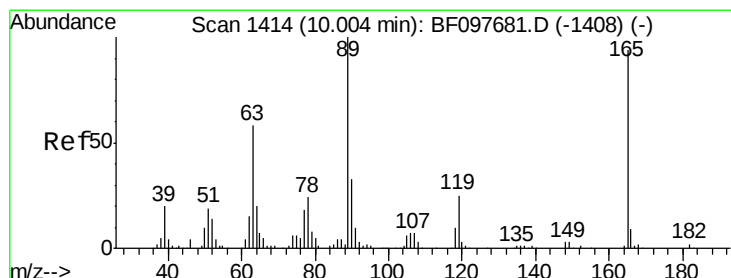
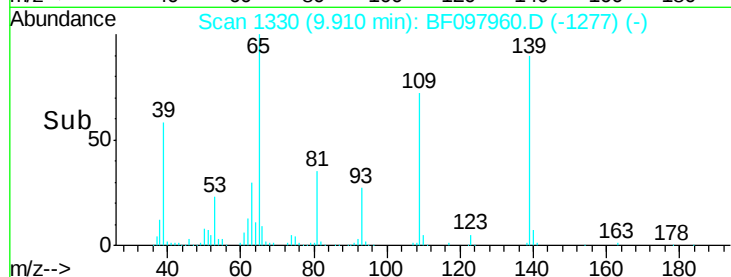
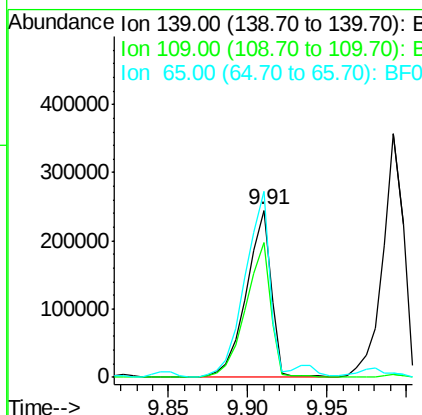
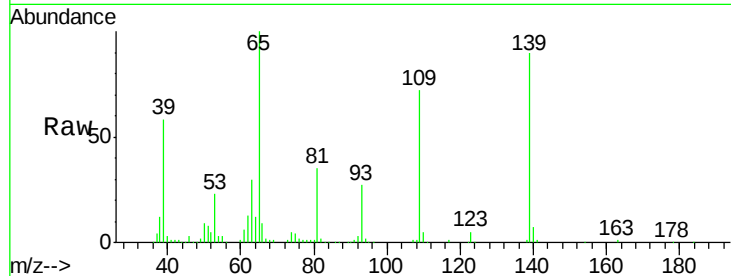




#55
4-Nitrophenol
Concen: 73.75 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

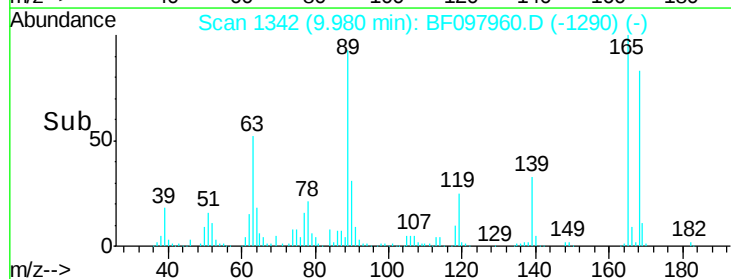
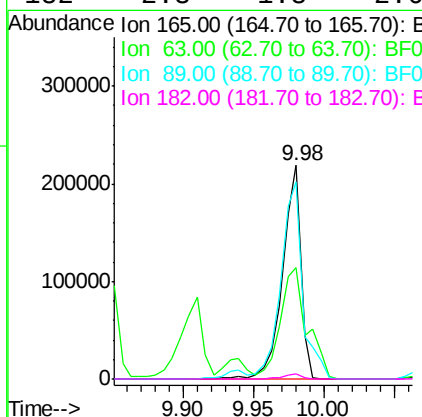
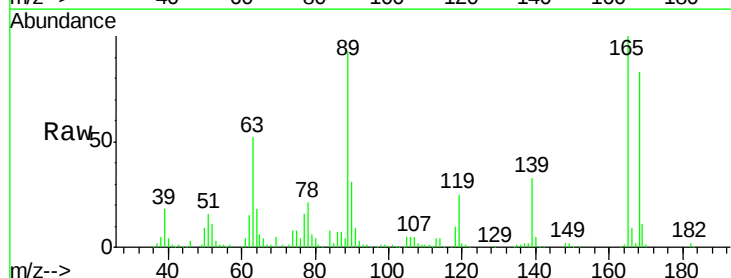
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

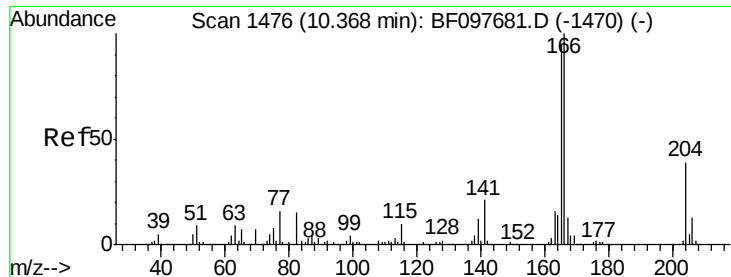
Tot Ion:139 Resp: 267111
Ion Ratio Lower Upper
139 100
109 80.8 34.1 74.1#
65 111.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 44.93 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:165 Resp: 198432
Ion Ratio Lower Upper
165 100
63 52.1 25.4 38.0#
89 92.6 46.4 69.6#
182 2.3 1.8 2.6

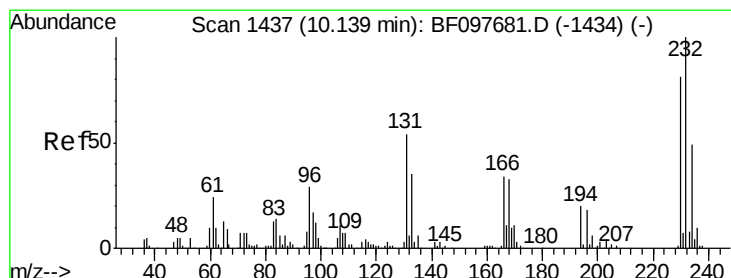
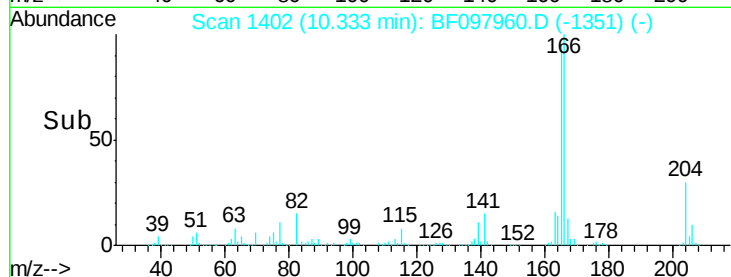
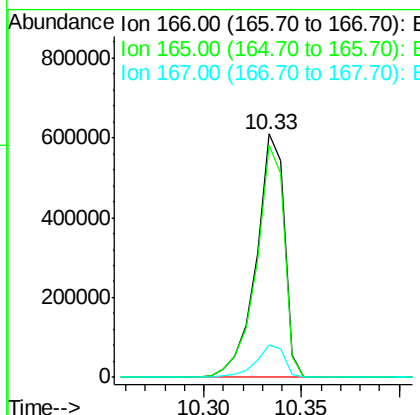
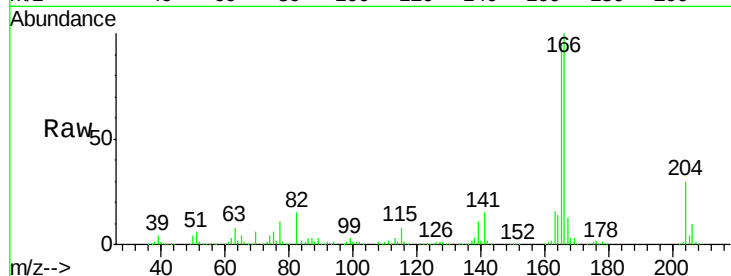




#57
 Fluorene
 Concen: 36.58 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

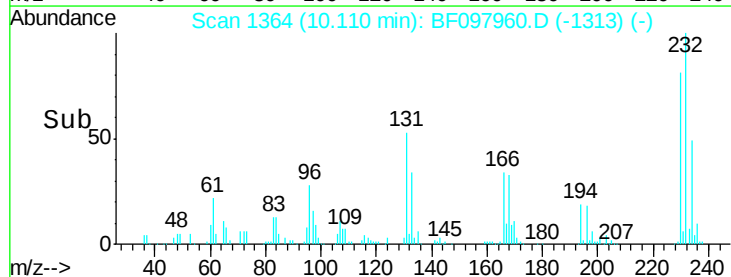
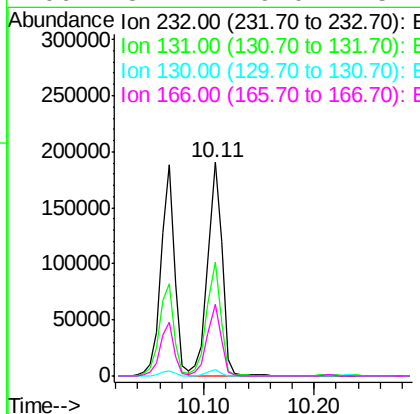
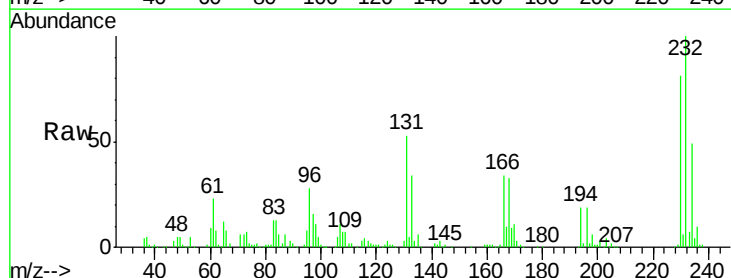
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

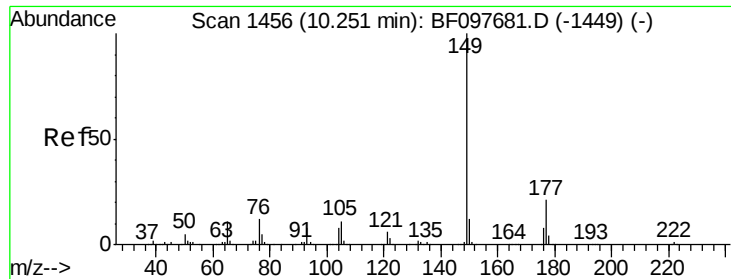
Tot Ion:166 Resp: 609947
 Ion Ratio Lower Upper
 166 100
 165 95.2 78.8 118.2
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.85 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:232 Resp: 167363
 Ion Ratio Lower Upper
 232 100
 131 52.3 44.8 67.2
 130 2.8 2.3 3.5
 166 32.2 29.0 43.4

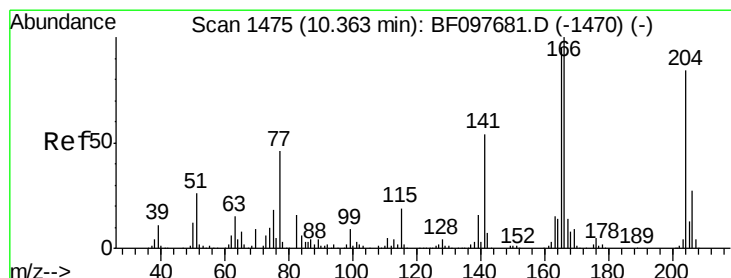
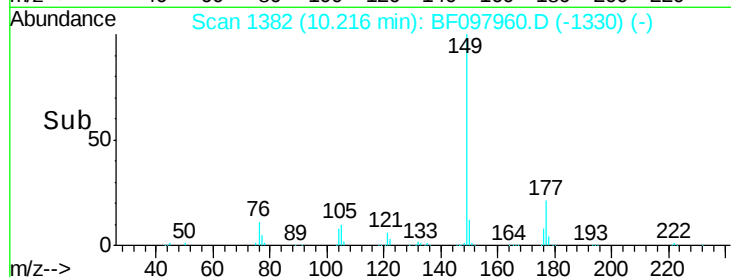
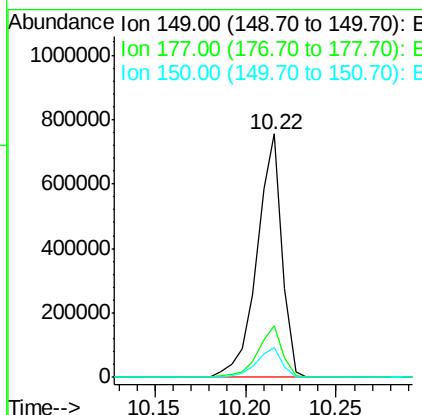
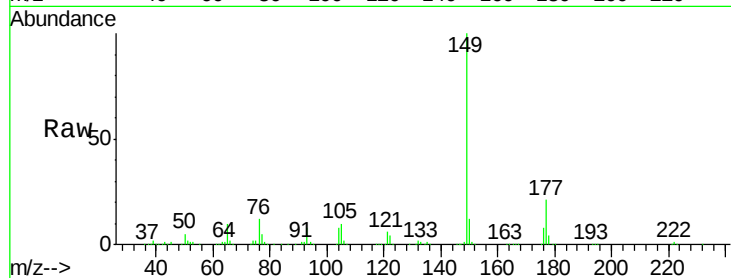




#59
Diethylphthalate
Concen: 39.18 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

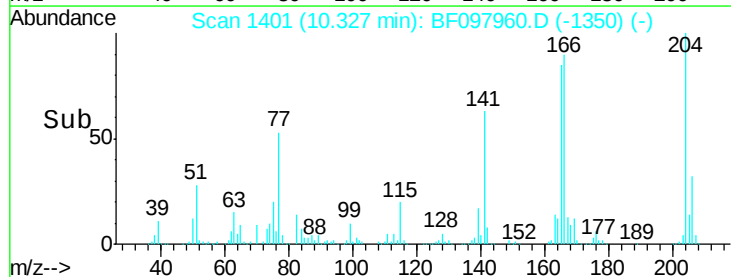
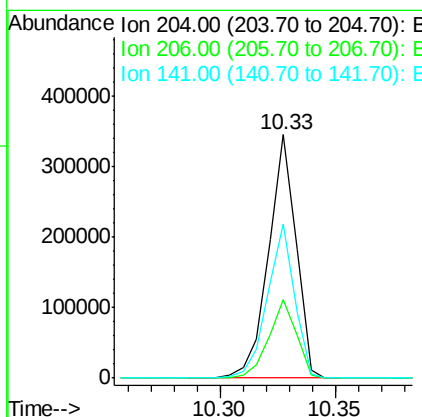
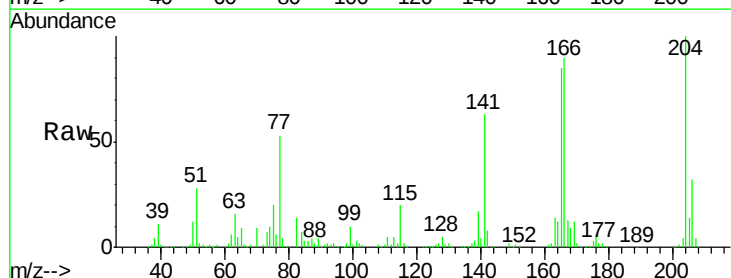
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

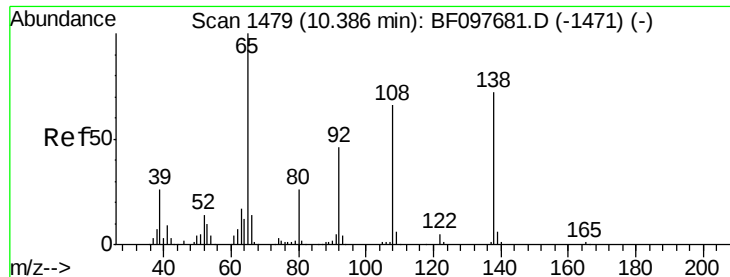
Tot Ion:149 Resp: 722298
Ion Ratio Lower Upper
149 100
177 21.3 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.91 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:204 Resp: 285931
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 63.2 60.8 91.2

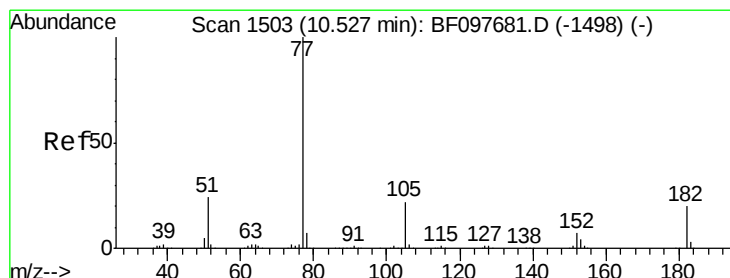
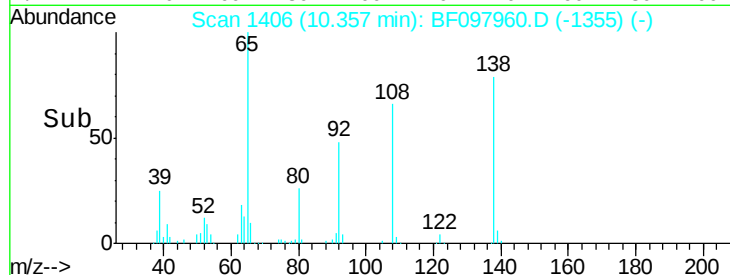
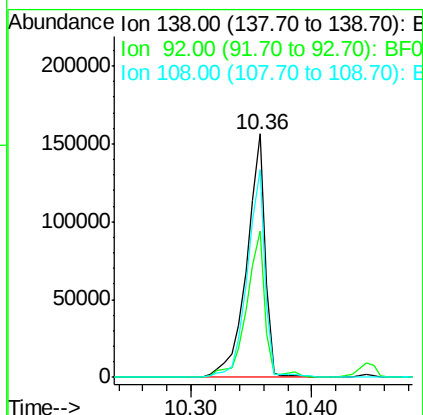
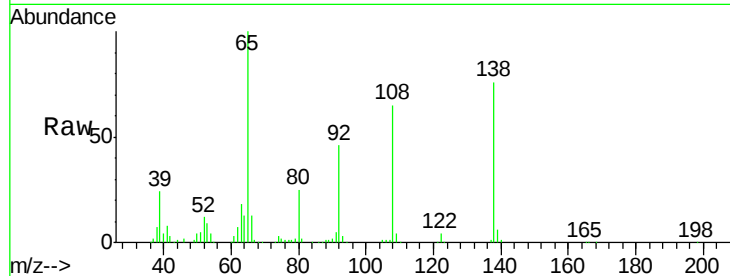




#61
4-Nitroaniline
Concen: 38.65 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

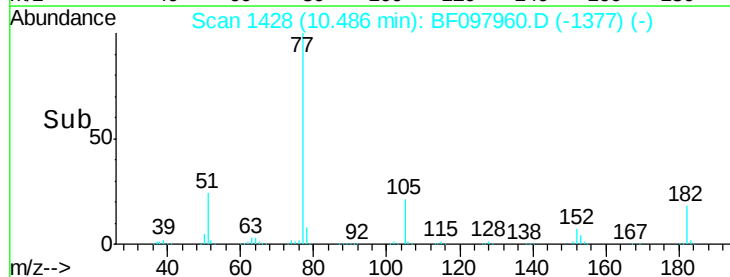
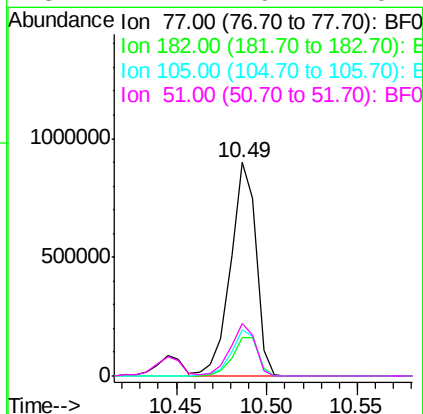
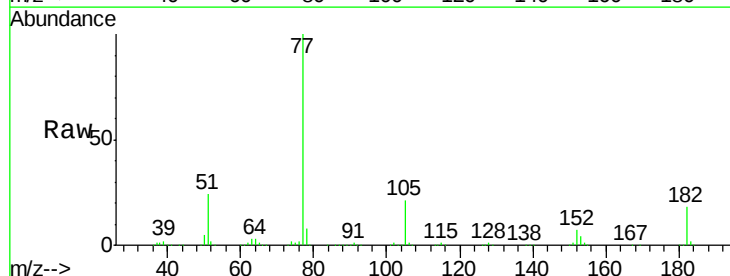
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

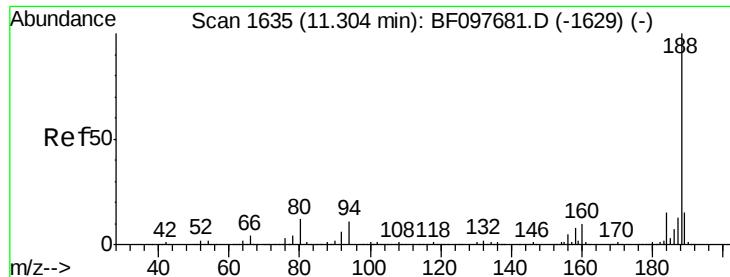
Tot Ion:138 Resp: 166781
Ion Ratio Lower Upper
138 100
92 60.2 21.8 61.8
108 85.1 42.3 82.3#



#62
Azobenzene
Concen: 40.09 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion: 77 Resp: 877796
Ion Ratio Lower Upper
77 100
182 17.8 0.1 40.1
105 21.5 3.6 43.6
51 24.4 9.4 49.4

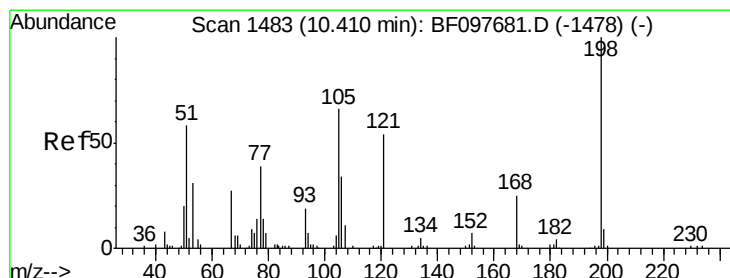
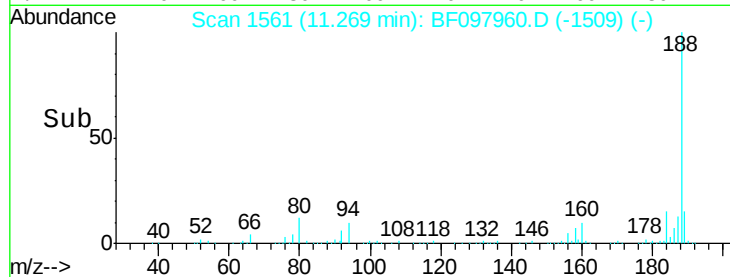
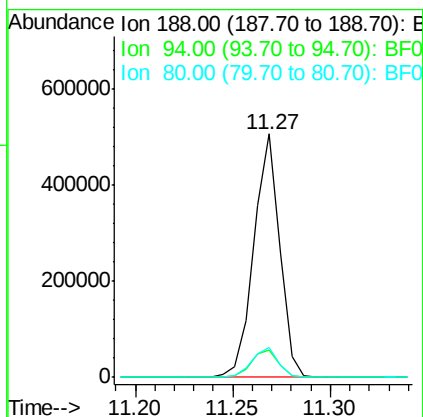
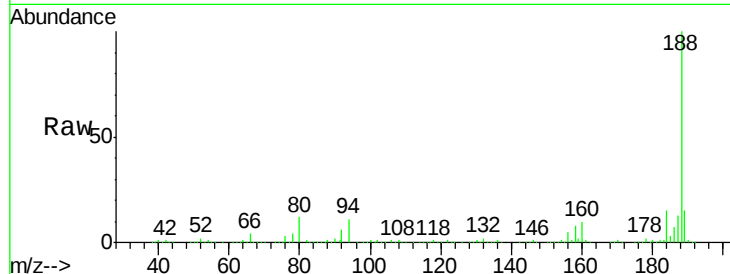




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

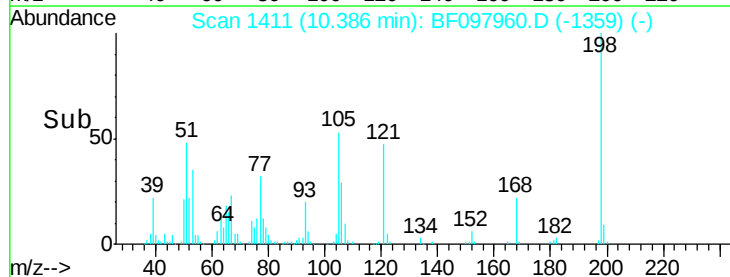
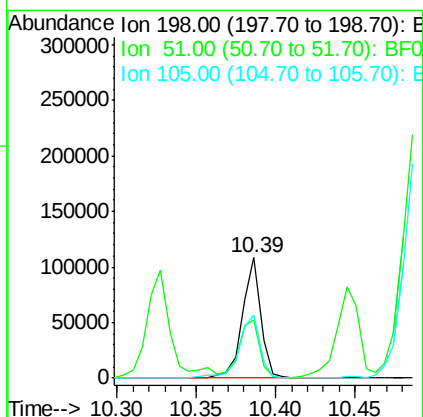
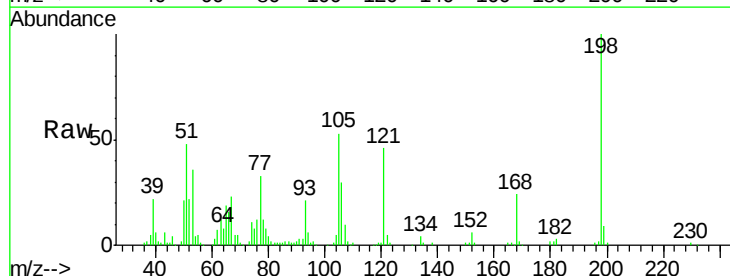
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

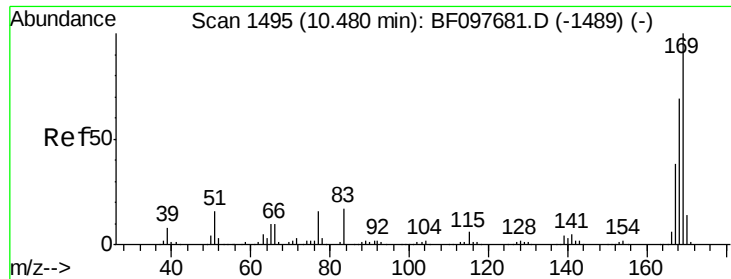
Tot Ion:188 Resp: 463998
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 41.04 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:198 Resp: 86538
Ion Ratio Lower Upper
198 100
51 48.4 53.2 93.2#
105 53.0 45.8 85.8

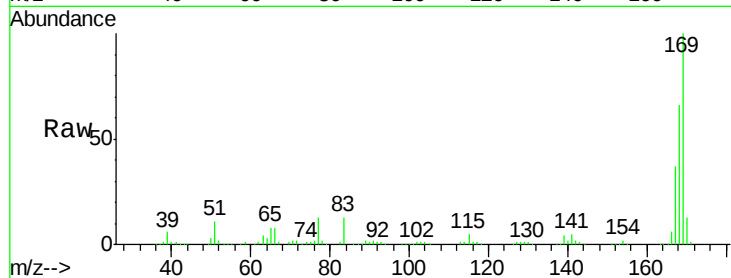




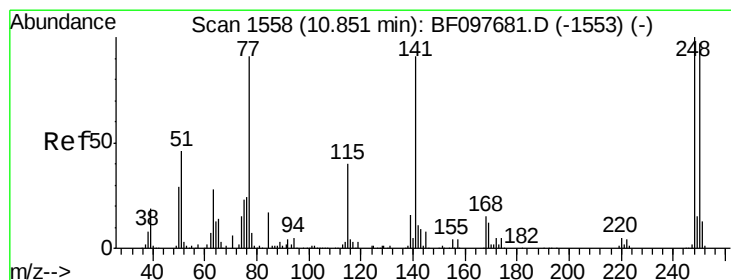
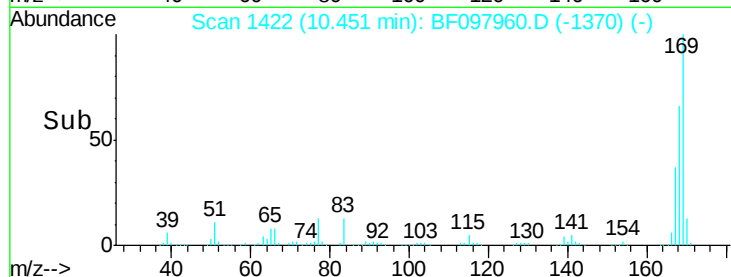
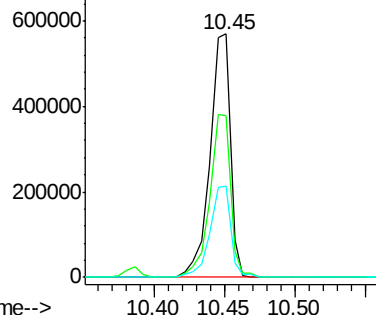
#65
 n-Nitrosodiphenylamine
 Concen: 36.26 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:169 Resp: 572896
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.2 79.8
 167 37.4 29.5 44.3

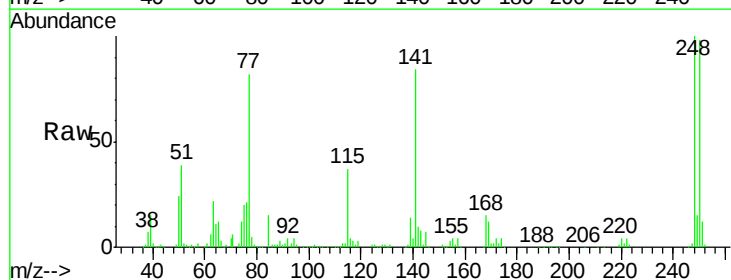


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

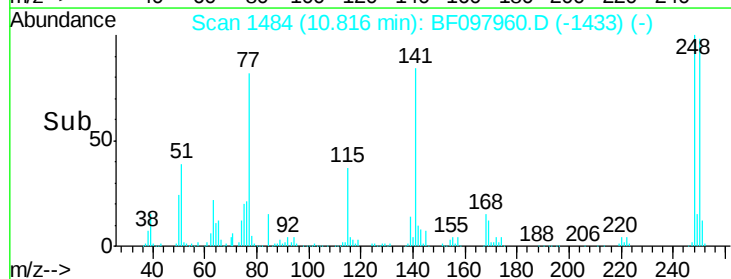
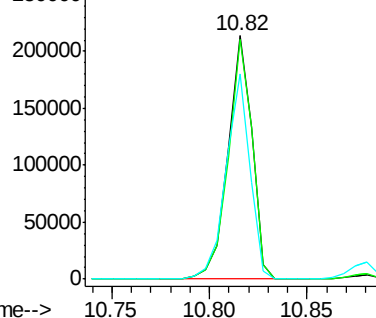


#66
 4-Bromophenyl-phenylether
 Concen: 37.96 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:248 Resp: 182889
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.8 115.2
 141 84.3 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

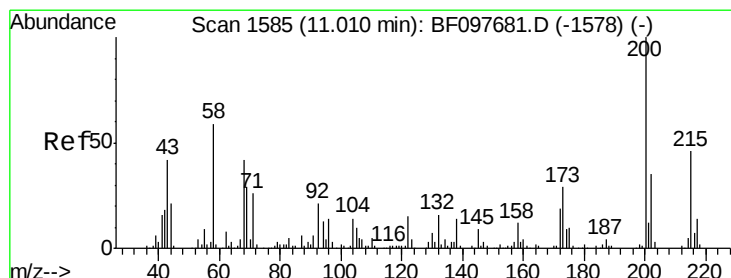
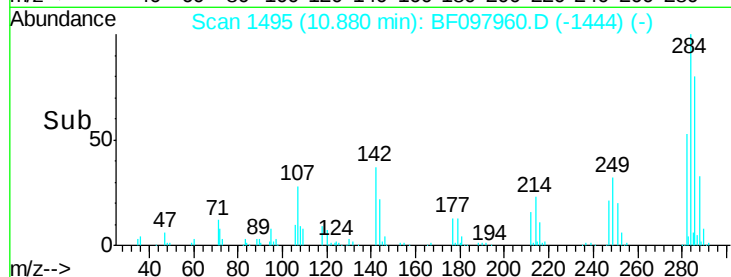
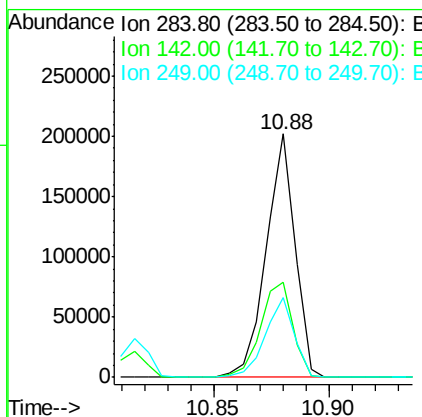
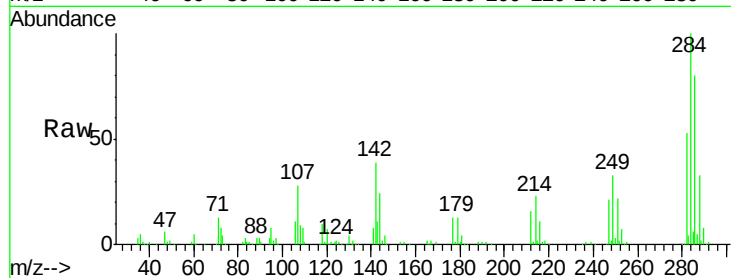




#67
Hexachlorobenzene
Concen: 35.81 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

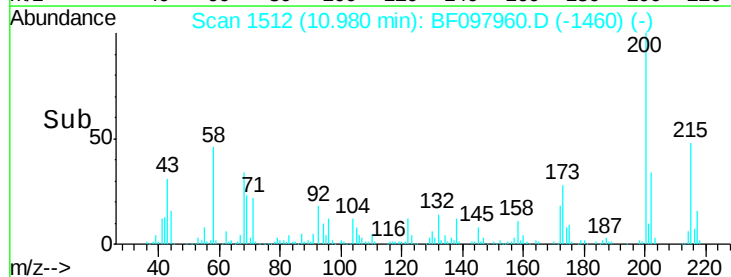
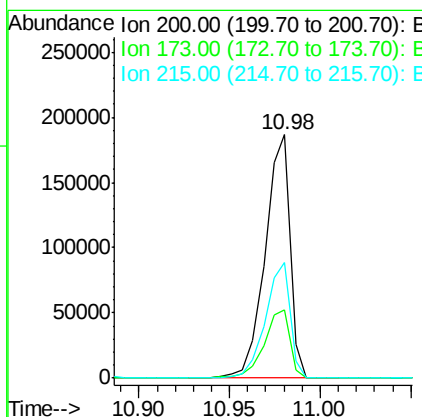
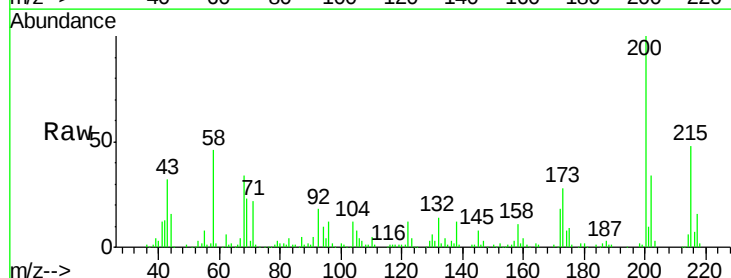
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

Tot Ion:284 Resp: 175857
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 32.7 24.0 36.0



#68
Atrazine
Concen: 42.63 ng
RT: 10.98 min Scan# 1512
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:200 Resp: 178627
Ion Ratio Lower Upper
200 100
173 28.3 6.3 46.3
215 47.5 27.2 67.2

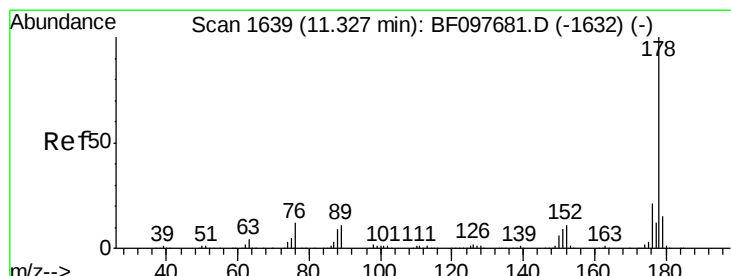
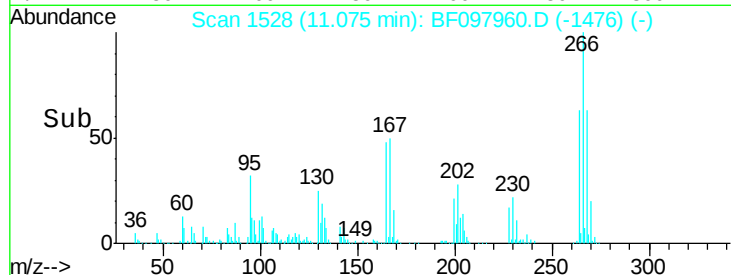
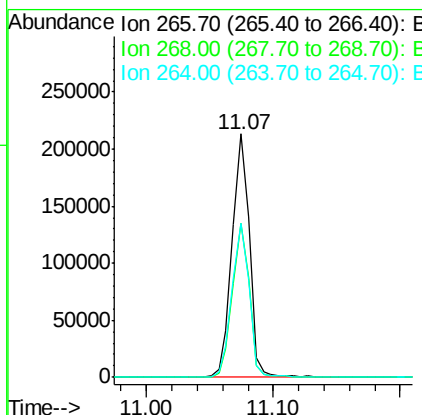
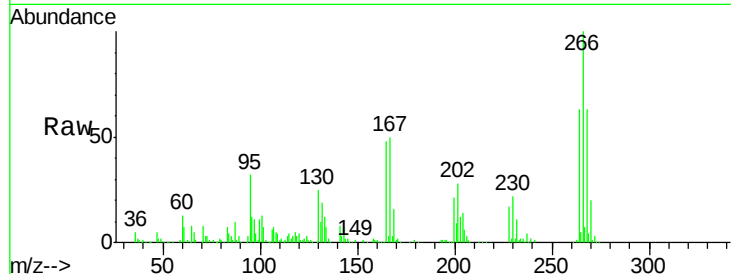




#69
 Pentachlorophenol
 Concen: 70.24 ng
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

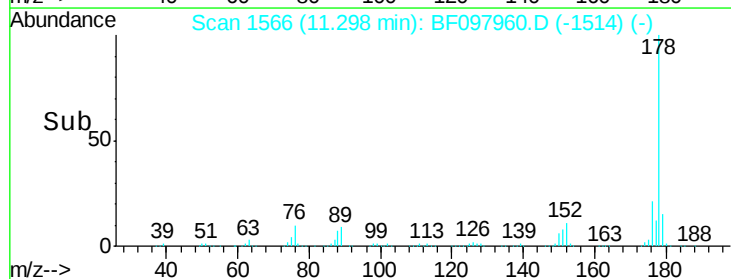
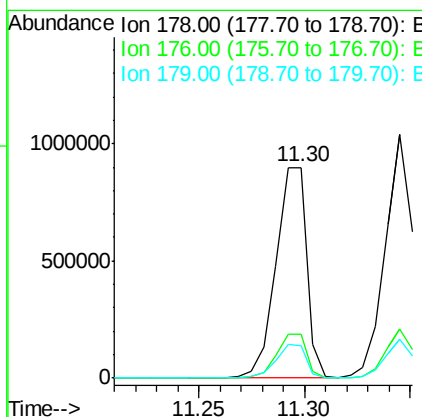
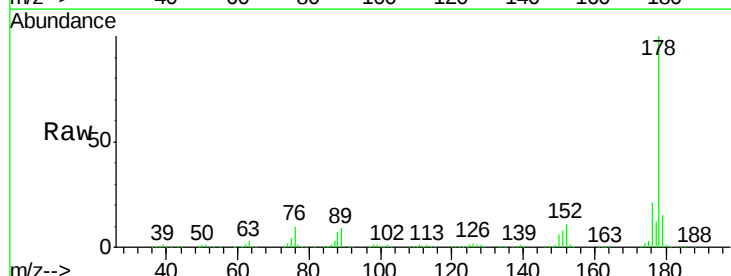
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

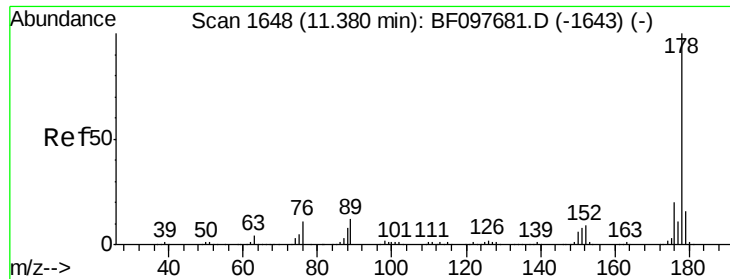
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	63.2	51.7	77.5



#70
 Phenanthrene
 Concen: 37.09 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	16.2	24.4
179	15.2	12.6	19.0

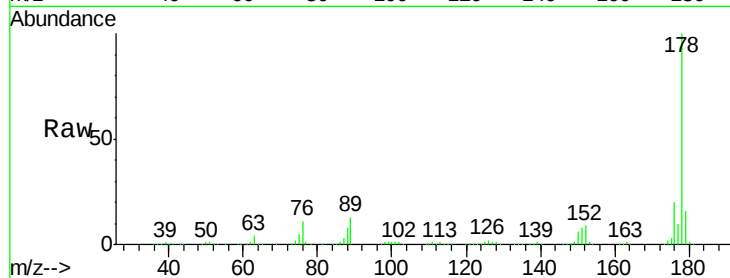




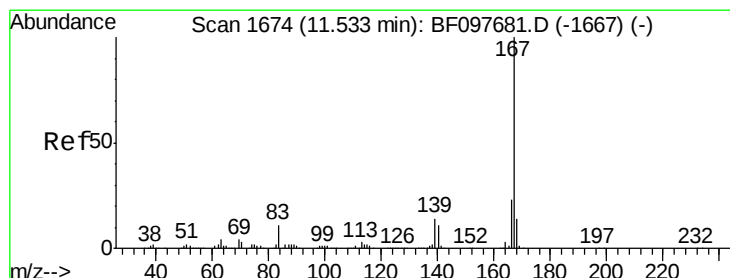
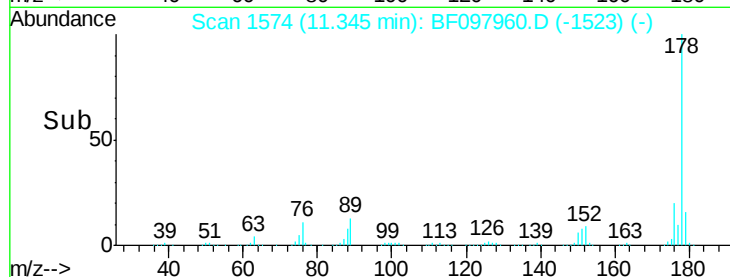
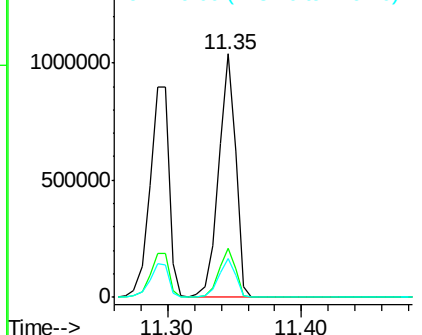
#71
 Anthracene
 Concen: 37.35 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion:178 Resp: 936605
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.8
 179 15.9 12.7 19.1

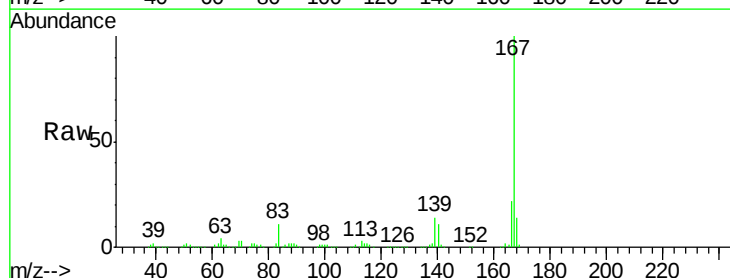


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

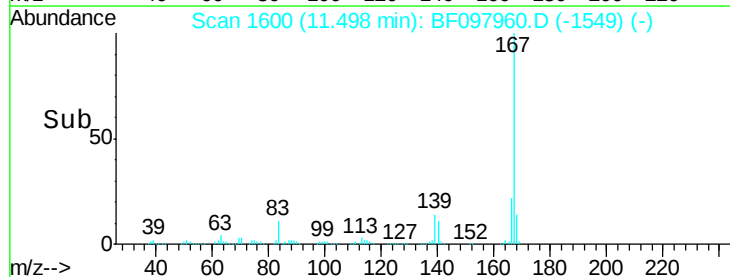
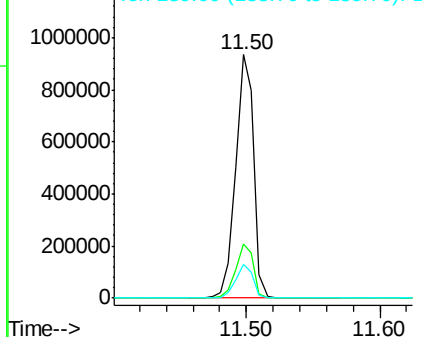


#72
 Carbazole
 Concen: 37.28 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion:167 Resp: 887450
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.50 ng

RT: 11.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

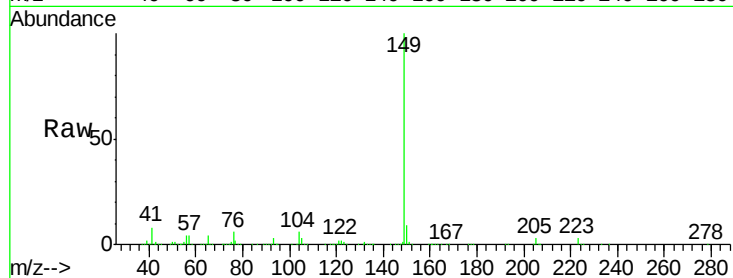
Tot Ion:149 Resp: 1137862

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

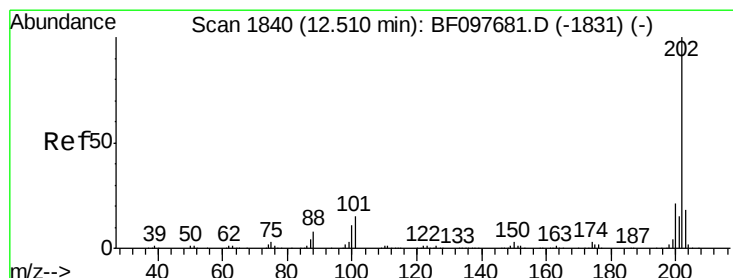
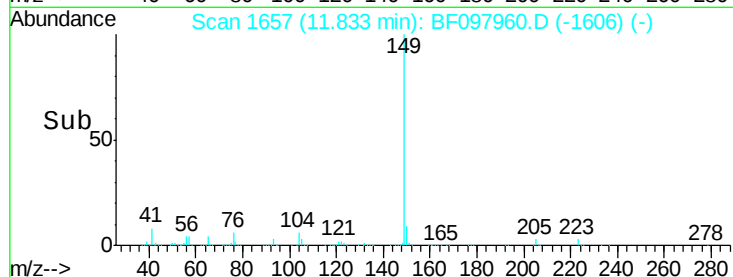
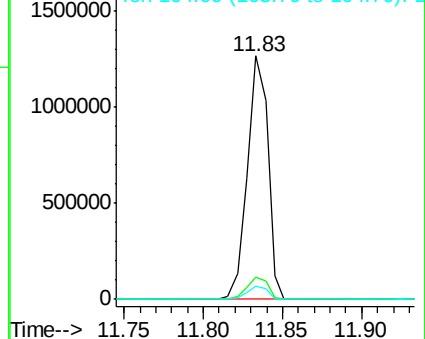
104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.85 ng

RT: 12.48 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

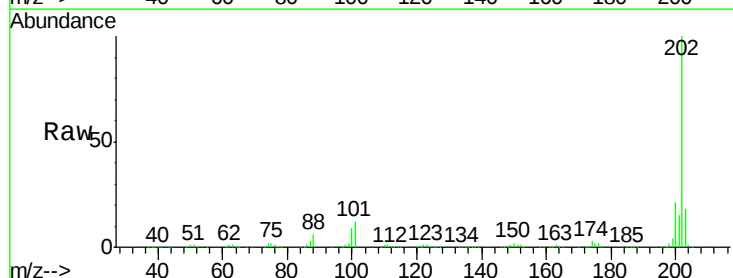
Tgt Ion:202 Resp: 976777

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

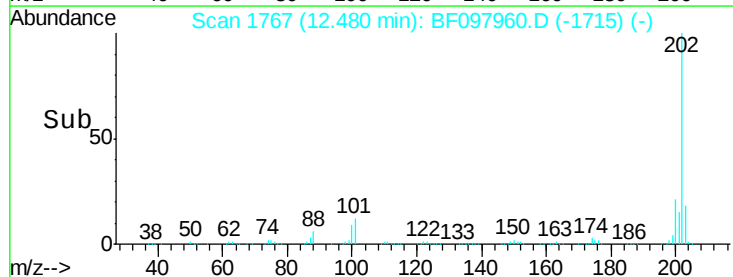
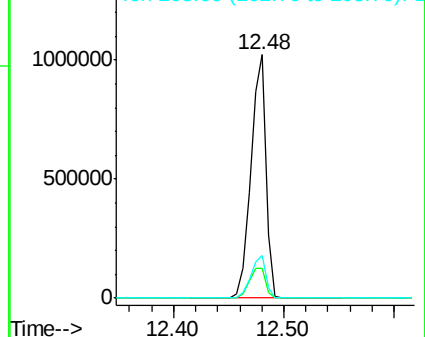
203 17.7 0.0 38.1

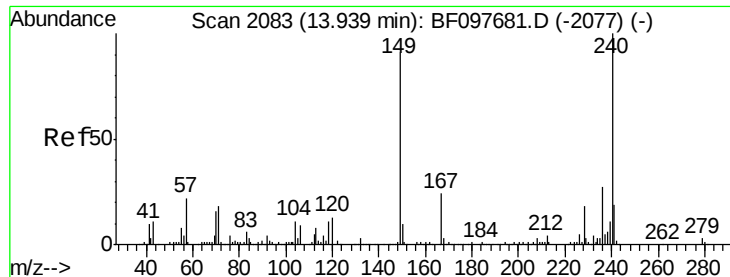


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

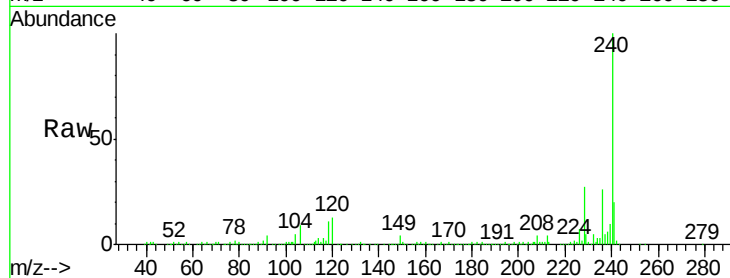
Tot Ion:240 Resp: 345937

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

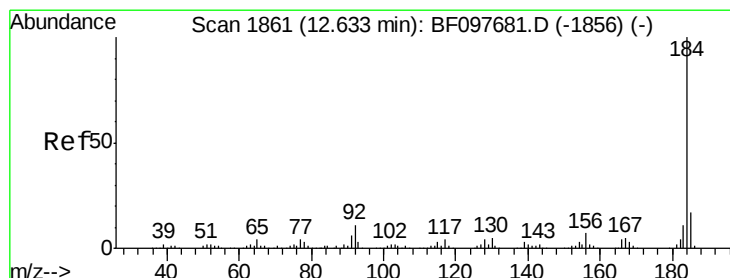
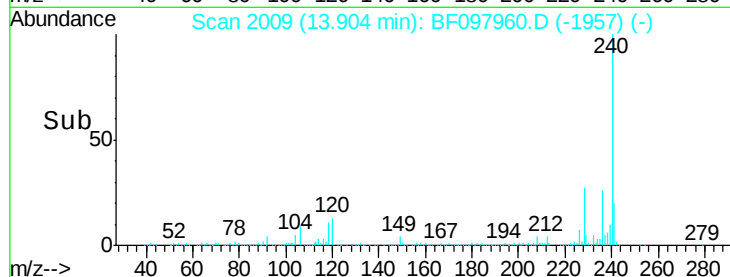
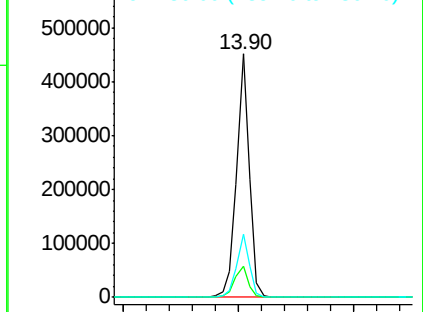
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.79 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

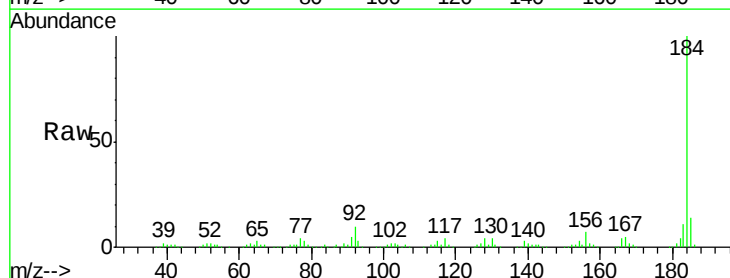
Tgt Ion:184 Resp: 360543

Ion Ratio Lower Upper

184 100

185 14.2 15.5 23.3#

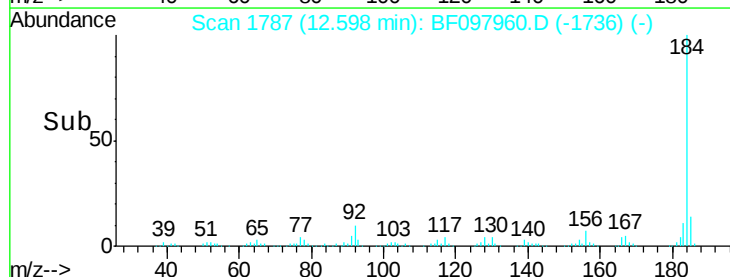
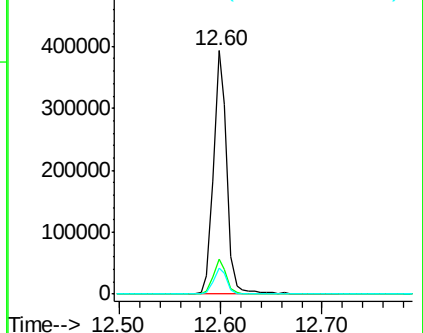
183 10.8 9.8 14.6

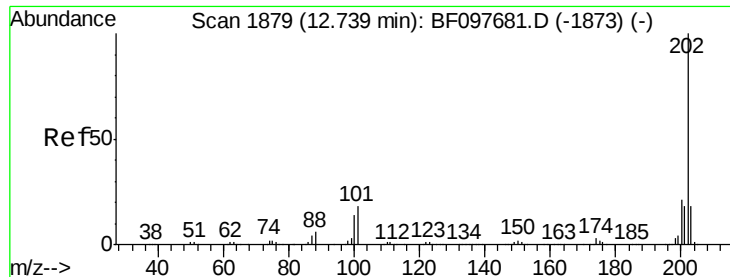


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

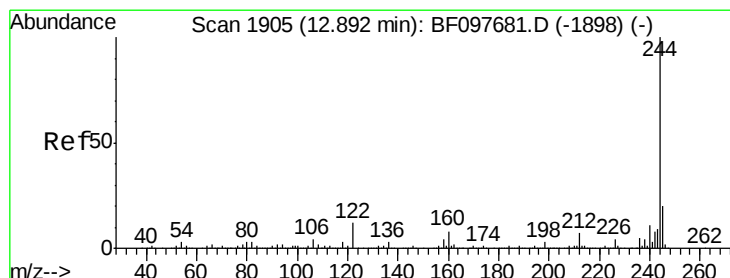
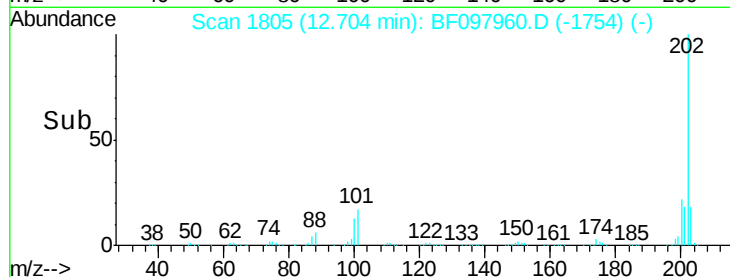
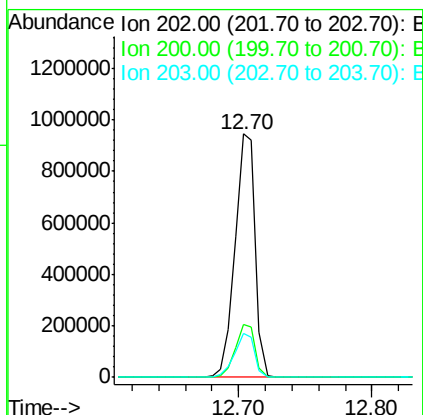
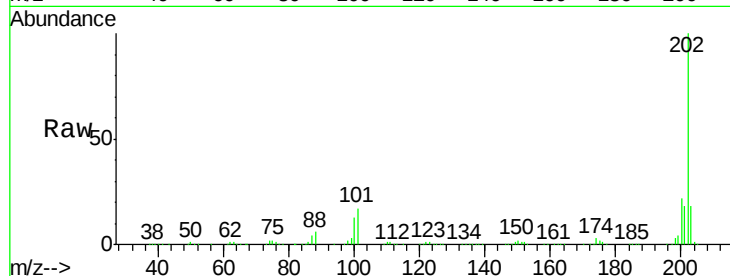




#77
Pvrene
Concen: 35.31 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

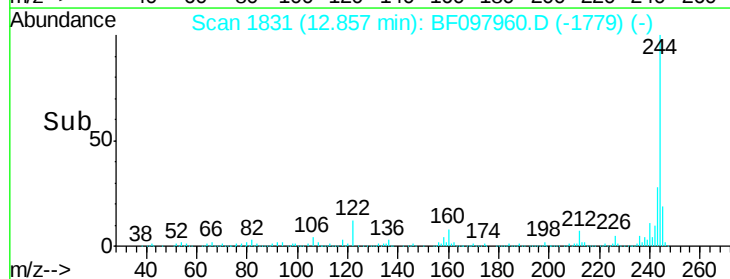
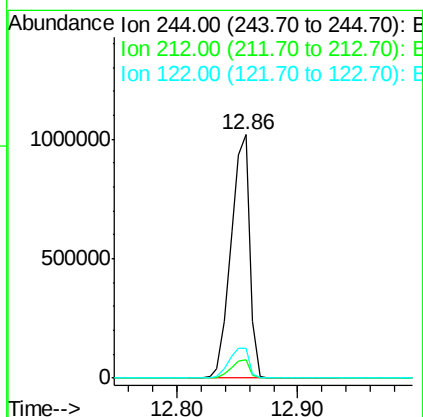
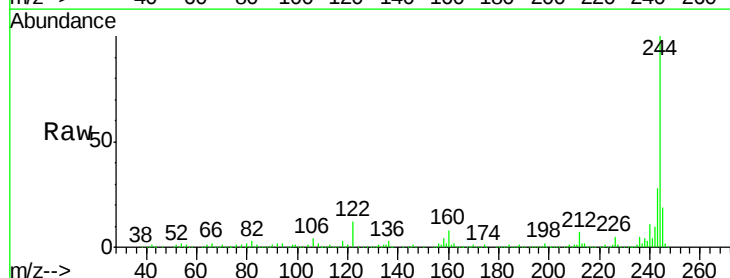
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

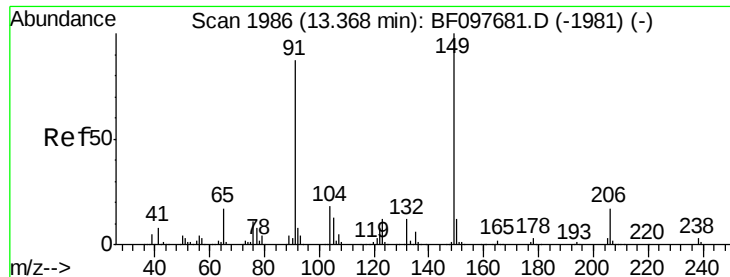
Tot Ion:202 Resp: 999040
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 66.15 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:244 Resp: 1097305
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 12.0 10.3 15.5

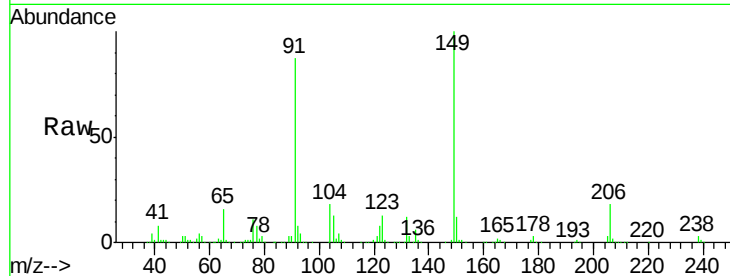




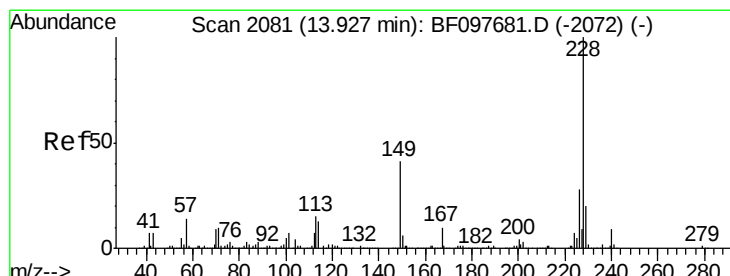
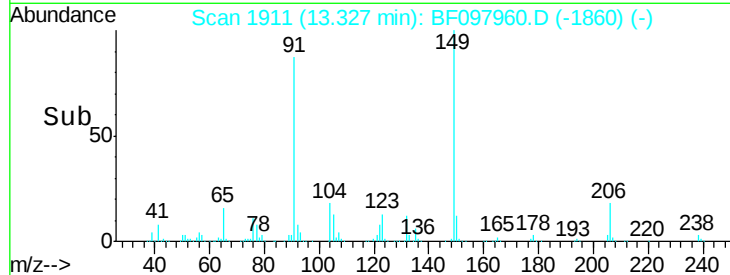
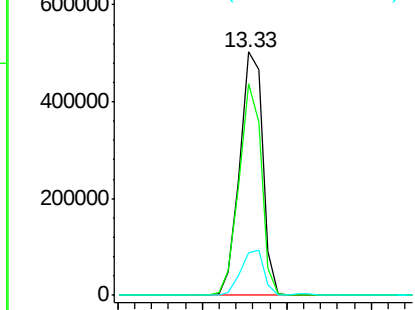
#79
Butylbenzylphthalate
Concen: 44.06 ng
RT: 13.33 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Instrument :
BNA_F
ClientSampleId :
PB101706BSD

Tot Ion:149 Resp: 477961
Ion Ratio Lower Upper
149 100
91 87.1 45.0 67.4#
206 17.7 17.0 25.6

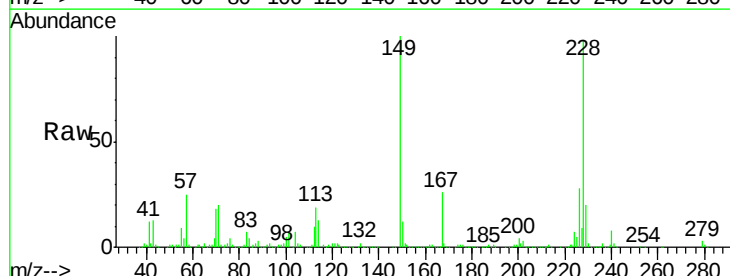


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

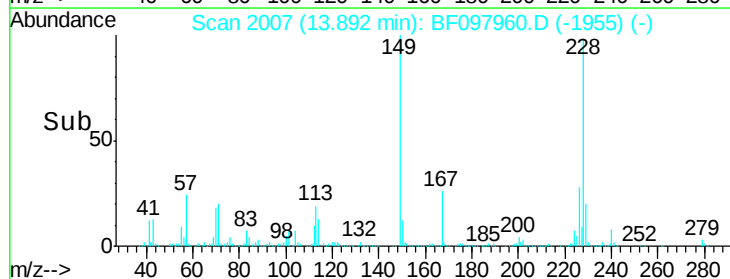
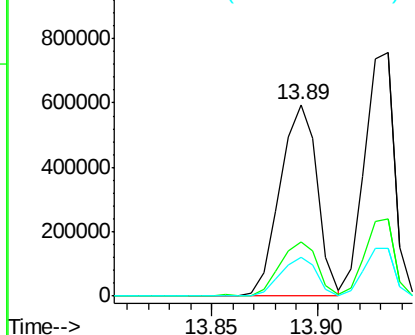


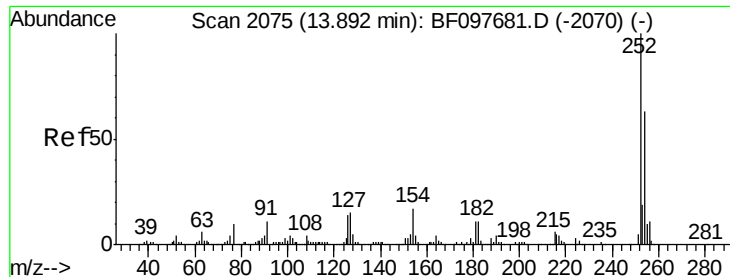
#80
Benzo(a)anthracene
Concen: 35.12 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:228 Resp: 728114
Ion Ratio Lower Upper
228 100
226 28.5 22.6 33.8
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

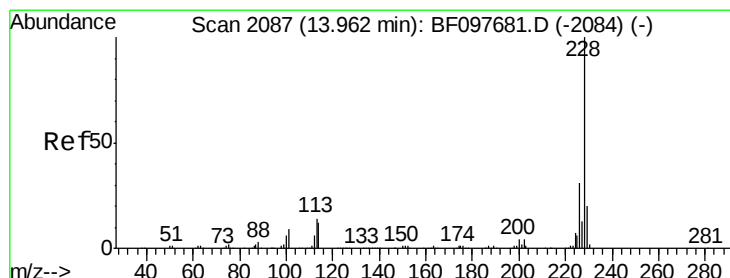
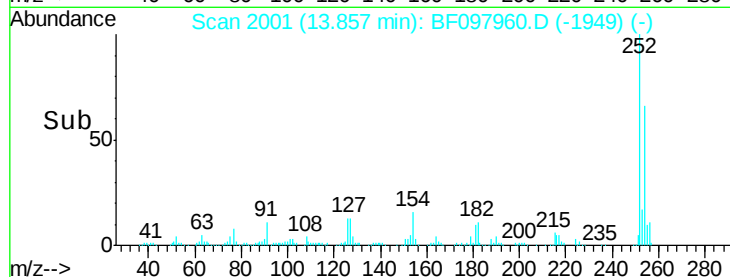
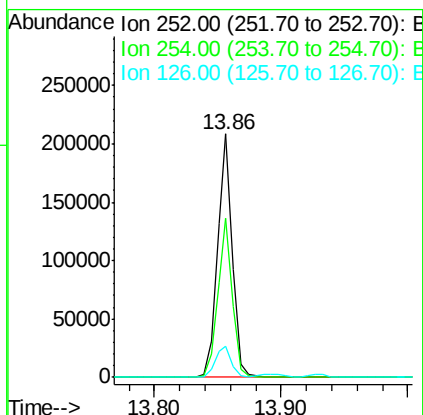
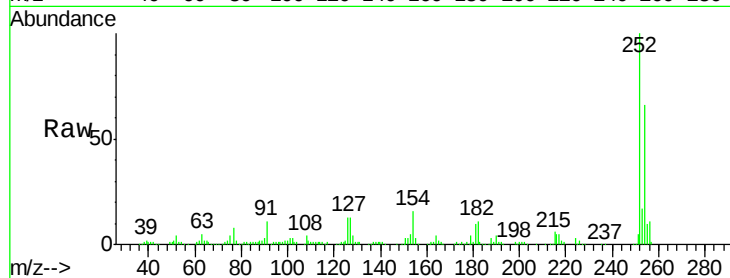




#81
 3,3'-Dichlorobenzidine
 Concen: 24.51 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

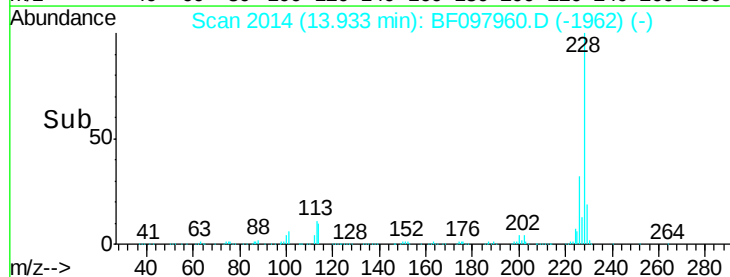
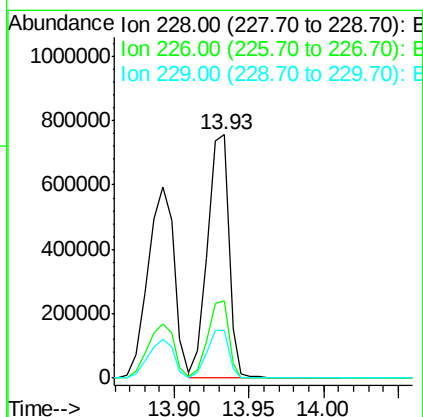
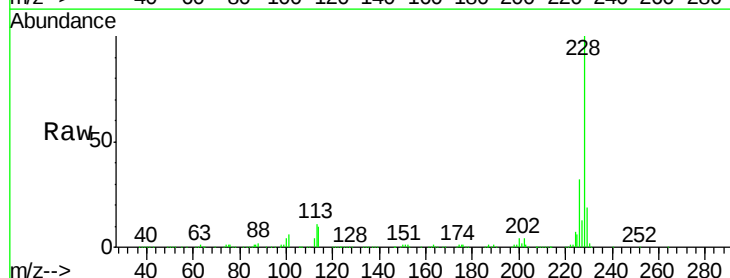
Instrument :
 BNA_F
 ClientSampleID :
 PB101706BSD

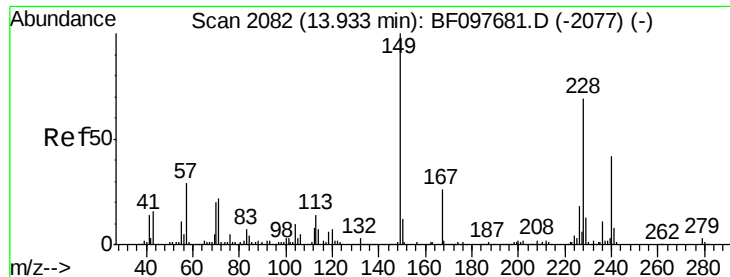
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.5	77.3
126	12.9	15.8	23.8#



#82
 Chrysene
 Concen: 36.41 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	19.4	15.8	23.6

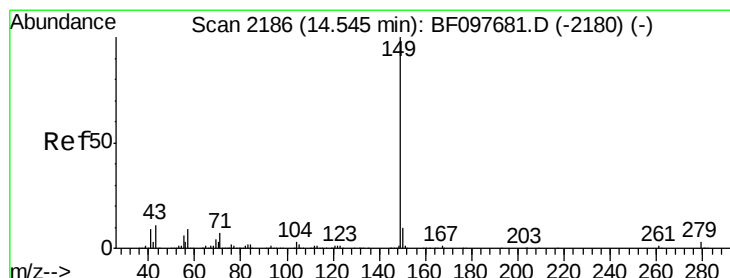
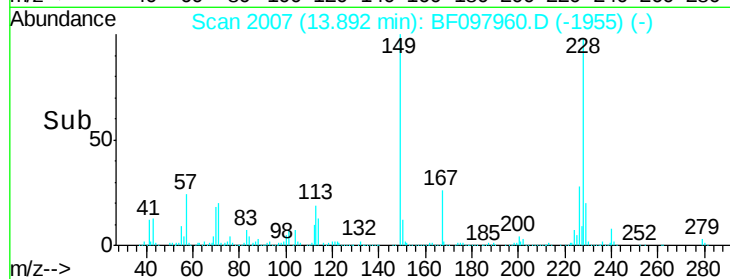
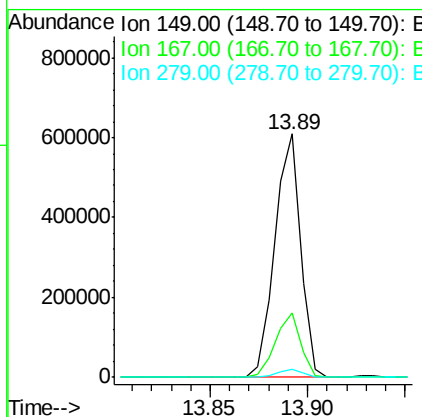
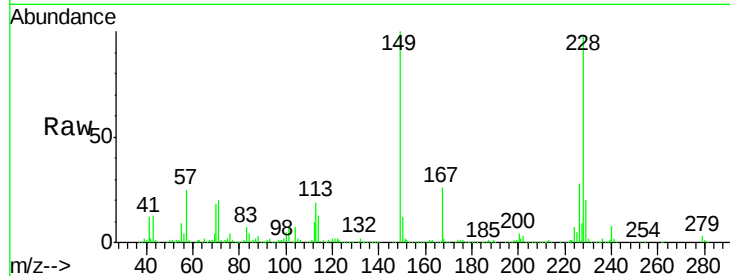




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.36 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

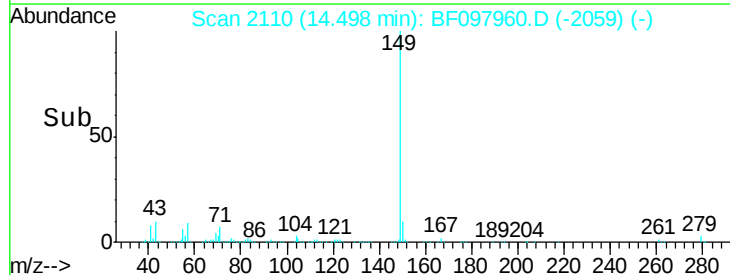
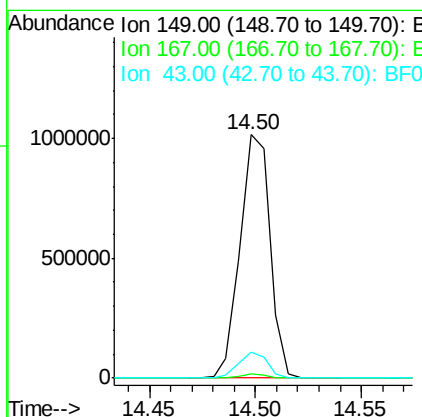
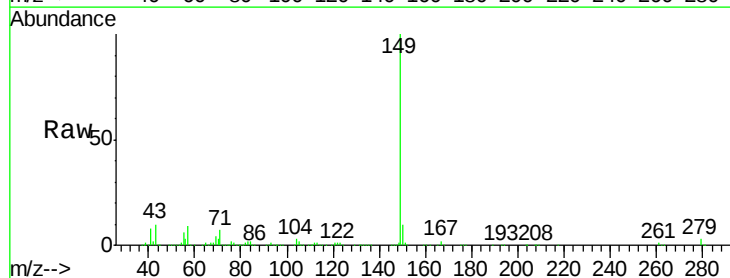
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

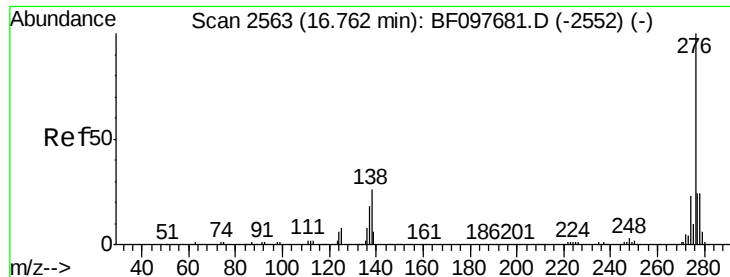
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.2	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 48.02 ng
 RT: 14.50 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	10.1	8.5	12.7

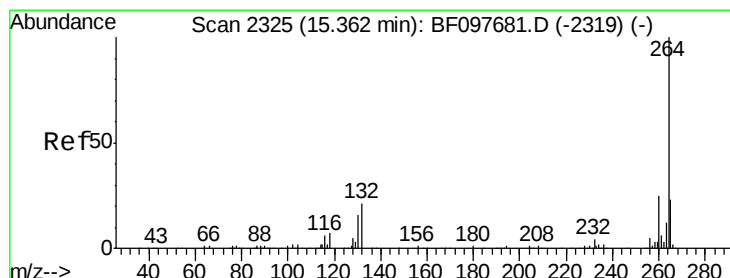
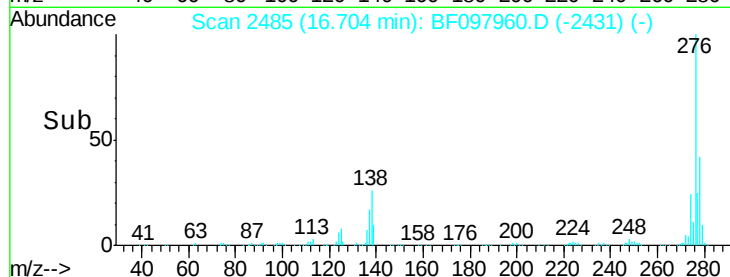
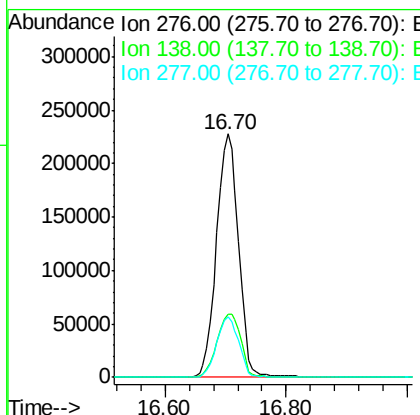
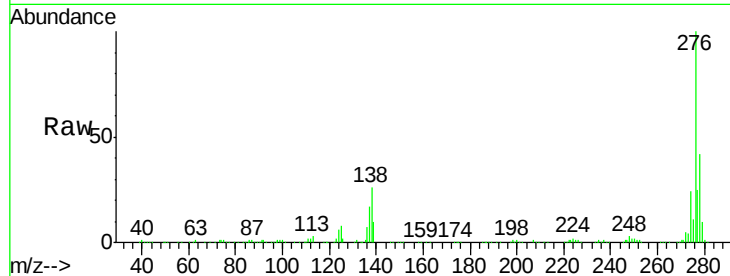




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.94 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

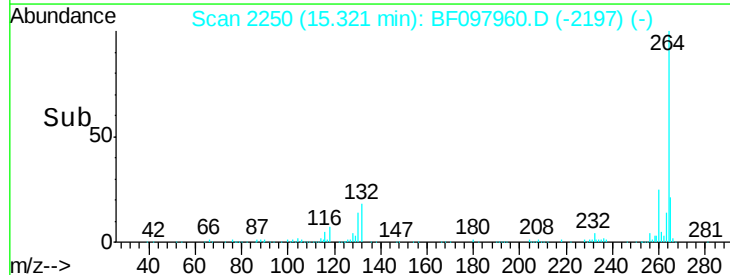
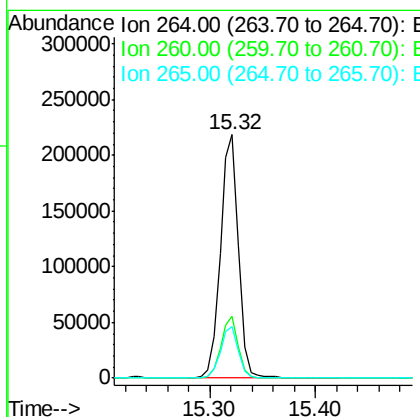
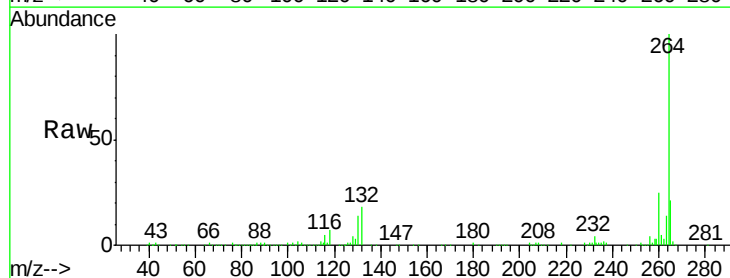
Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

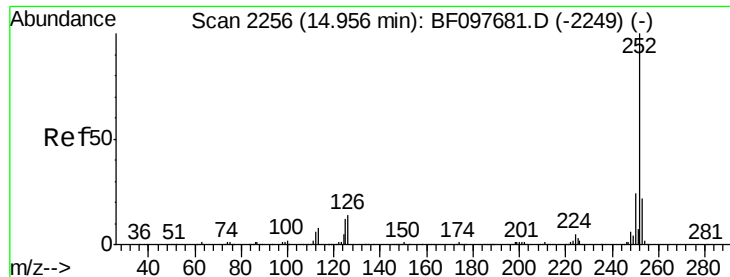
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	27.8	41.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 2250
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.5	29.3
265	21.5	17.2	25.8

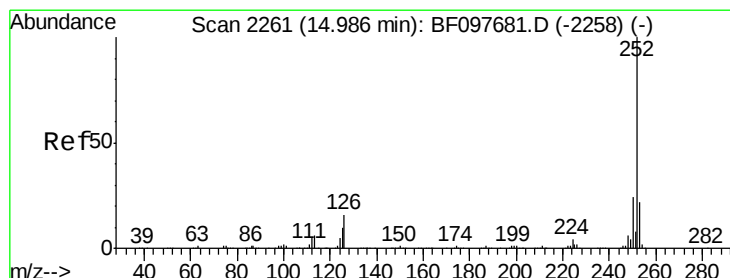
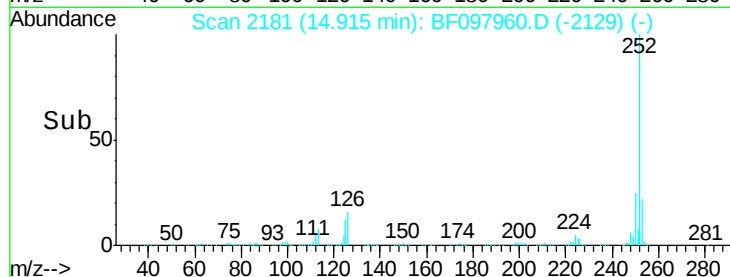
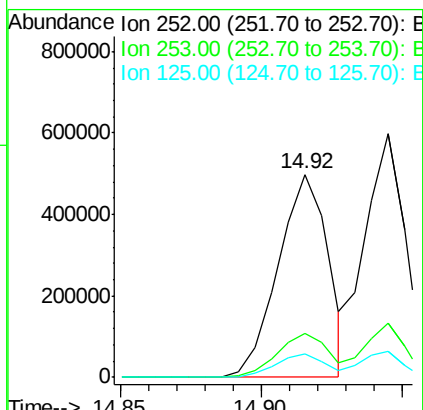
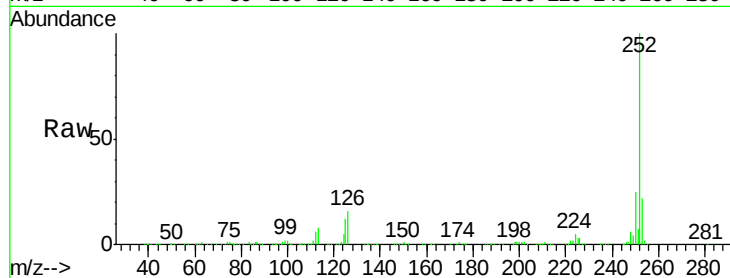




#87
Benzo(b)fluoranthene
Concen: 37.42 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

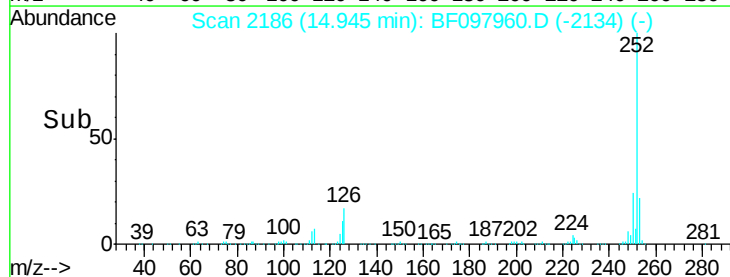
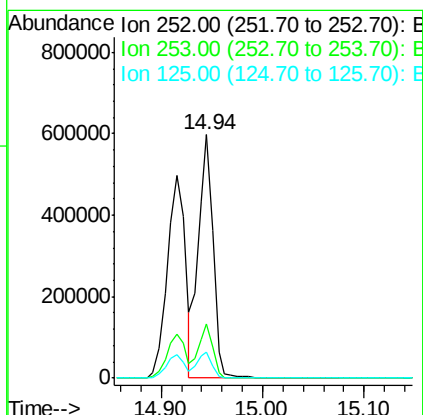
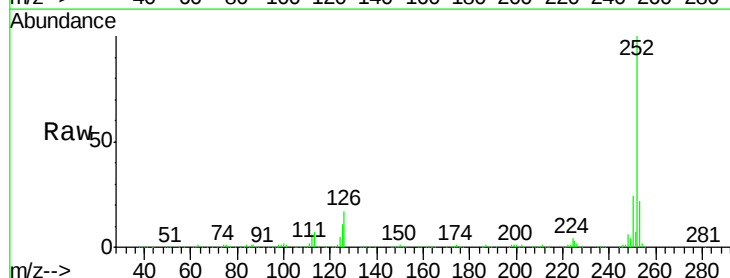
Instrument :
BNA_F
ClientSampleId :
PB101706BSD

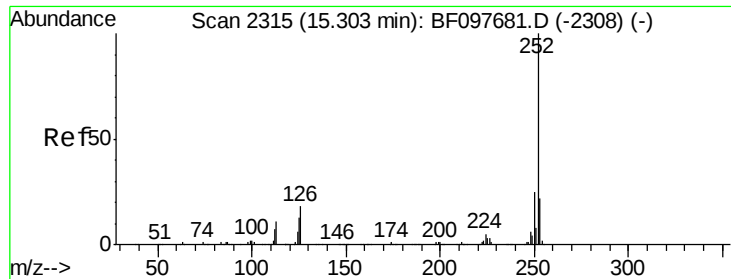
Tot Ion:252 Resp: 611952
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 11.6 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.22 ng
RT: 14.94 min Scan# 2186
Delta R.T. 0.01 min
Lab File: BF097960.D
Acq: 22 Aug 2017 18:16

Tgt Ion:252 Resp: 602602
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 10.9 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 39.42 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

Instrument :

BNA_F

ClientSampleId :

PB101706BSD

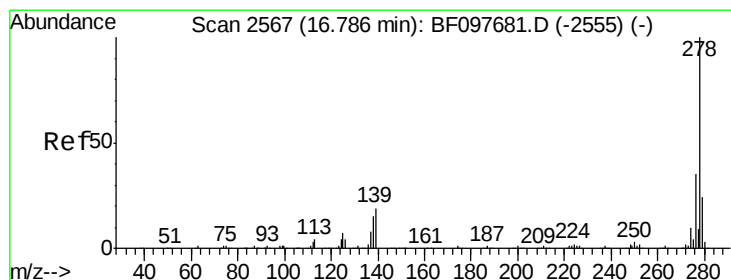
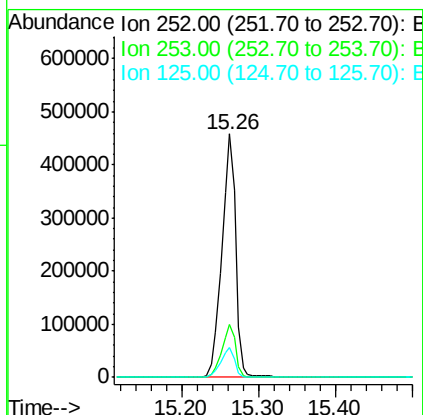
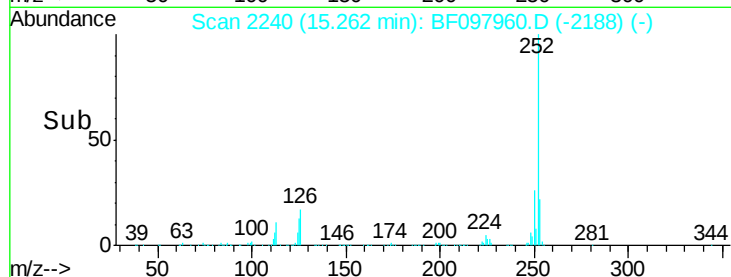
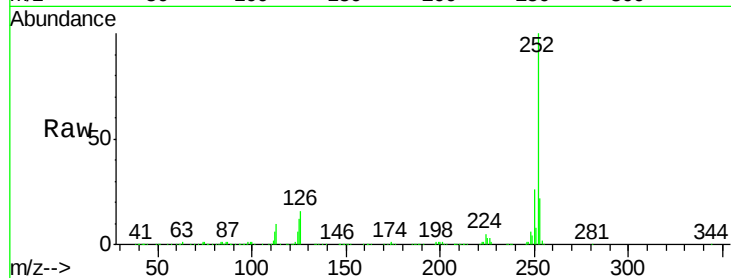
Tot Ion:252 Resp: 570732

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 12.3 11.0 16.4



#90

Dibenzo(a,h)anthracene

Concen: 40.13 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF097960.D

Acq: 22 Aug 2017 18:16

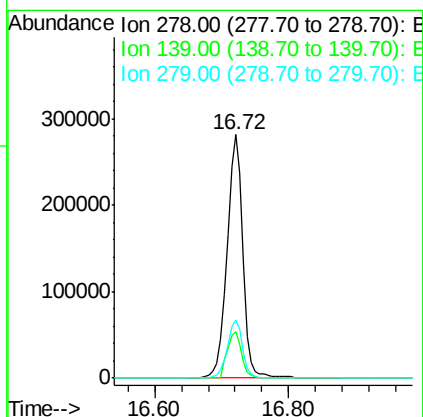
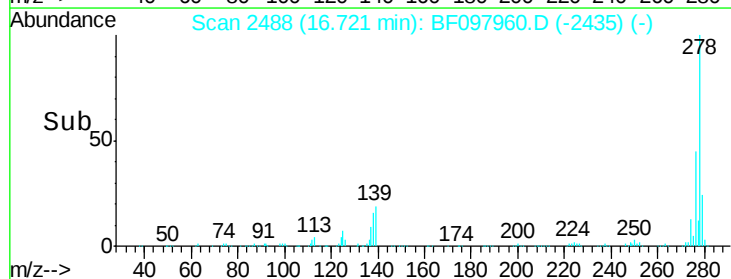
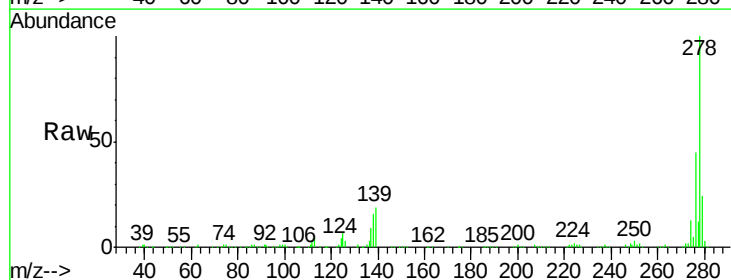
Tgt Ion:278 Resp: 473023

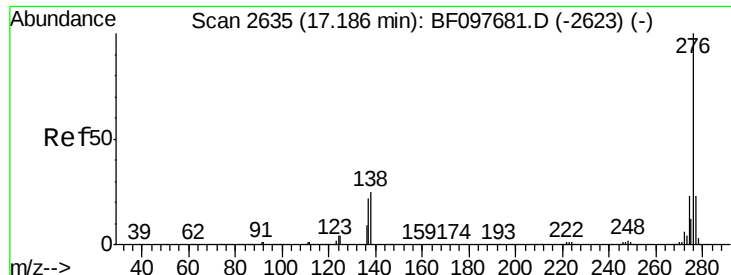
Ion Ratio Lower Upper

278 100

139 19.0 16.6 24.8

279 24.0 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.49 ng
 RT: 17.12 min Scan# 2556
 Delta R.T. 0.01 min
 Lab File: BF097960.D
 Acq: 22 Aug 2017 18:16

Instrument :
 BNA_F
 ClientSampleId :
 PB101706BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	24.7	25.4	38.0

