

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097089.D
 Acq On : 26 Jul 2017 21:43
 Operator : SJ/JU
 Sample : I4400-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 08:19:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	100090	20.00	ng	0.00
21) Naphthalene-d8	7.78	136	495688	20.00	ng	0.00
38) Acenaphthene-d10	9.53	164	219617	20.00	ng	0.00
63) Phenanthrene-d10	11.00	188	337237	20.00	ng	0.00
75) Chrysene-d12	13.63	240	196422	20.00	ng	0.00
86) Perylene-d12	14.97	264	180598	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	756362	113.92	ng	0.00
7) Phenol-d6	6.17	99	992691	130.97	ng	0.00
23) Nitrobenzene-d5	7.07	82	608626	72.03	ng	0.00
41) 2,4,6-Tribromophenol	10.32	330	186407	107.43	ng	0.00
44) 2-Fluorobiphenyl	8.86	172	1084792	83.83	ng	0.00
78) Terphenyl-d14	12.59	244	818572	84.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	113850	41.090	ng	# 75
3) Pyridine	2.70	79	190150	22.412	ng	# 65
4) n-Nitrosodimethylamine	2.64	42	209494	44.571	ng	# 82
6) Aniline	6.16	93	283675	29.741	ng	# 80
8) 2-Chlorophenol	6.29	128	291219	41.020	ng	# 95
9) Benzaldehyde	6.04	77	109917	24.499	ng	# 98
10) Phenol	6.18	94	429960	47.822	ng	# 93
11) bis(2-Chloroethyl)ether	6.25	93	311689	43.833	ng	# 93
12) 1,3-Dichlorobenzene	6.43	146	315704	41.264	ng	# 98
13) 1,4-Dichlorobenzene	6.51	146	320432	42.261	ng	# 95
14) 1,2-Dichlorobenzene	6.67	146	286030	43.205	ng	# 98
15) Benzyl Alcohol	6.66	79	227980	47.506	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	6.79	45	578018	40.527	ng	# 69
17) 2-Methylphenol	6.78	107	227344	41.491	ng	# 91
18) Hexachloroethane	7.00	117	117036	42.192	ng	# 80
19) n-Nitroso-di-n-propylamine	6.93	70	227208	45.539	ng	# 84
20) 3+4-Methylphenols	6.94	107	323660	45.227	ng	# 63
22) Acetophenone	6.92	105	450726	37.864	ng	# 97
24) Nitrobenzene	7.09	77	326390	37.089	ng	# 94
25) Isophorone	7.33	82	698917	42.237	ng	# 97
26) 2-Nitrophenol	7.40	139	171611	36.045	ng	# 89
27) 2,4-Dimethylphenol	7.46	122	300842	38.306	ng	# 96
28) bis(2-Chloroethoxy)methane	7.55	93	472422	43.748	ng	# 98
29) 2,4-Dichlorophenol	7.65	162	272713	40.308	ng	# 95
30) 1,2,4-Trichlorobenzene	7.73	180	272279	42.220	ng	# 98
31) Naphthalene	7.80	128	1027164	43.959	ng	# 99
32) Benzoic acid	7.46	122	300842	51.299	ng	# 13
33) 4-Chloroaniline	7.86	127	337826	35.532	ng	# 95
34) Hexachlorobutadiene	7.93	225	138912	40.631	ng	# 100
35) Caprolactam	8.23	113	32545	15.001	ng	# 51
36) 4-Chloro-3-methylphenol	8.36	107	312563	42.345	ng	# 90
37) 2-Methylnaphthalene	8.49	142	667955	45.149	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	223754	38.184	ng	# 99
40) Hexachlorocyclopentadiene	8.65	237	163507	79.810	ng	# 99

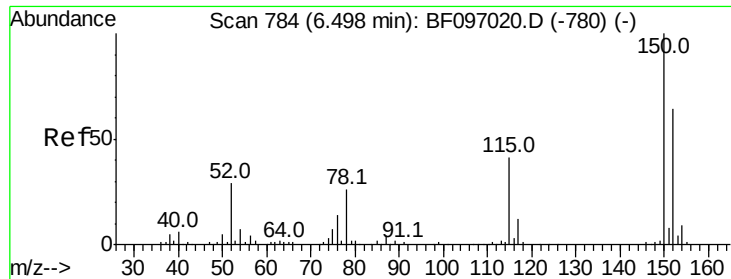
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
 Data File : BF097089.D
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 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	143304	33.746	nq	98
43) 2,4,5-Trichlorophenol	8.83	196	145536	34.240	nq	98
45) 1,1'-Biphenyl	8.96	154	699277	37.278	nq	98
46) 2-Chloronaphthalene	8.98	162	546314	39.577	nq	# 93
47) 2-Nitroaniline	9.09	65	207082	41.336	nq	93
48) Acenaphthylene	9.39	152	843198	39.796	nq	98
49) Dimethylphthalate	9.27	163	824179	49.419	nq	100
50) 2,6-Dinitrotoluene	9.33	165	147670	41.748	nq	# 74
51) Acenaphthene	9.56	154	509854	40.852	nq	98
52) 3-Nitroaniline	9.50	138	159224	36.266	nq	87
53) 2,4-Dinitrophenol	9.62	184	9389	5.838	nq	# 78
54) Dibenzofuran	9.73	168	691238	41.581	nq	98
55) 4-Nitrophenol	9.69	139	150289	57.561	nq	# 69
56) 2,4-Dinitrotoluene	9.73	165	166687	40.993	nq	# 53
57) Fluorene	10.07	166	538710	43.116	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	105784	36.045	nq	99
59) Diethylphthalate	9.97	149	632639	41.348	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	218304	42.312	nq	100
61) 4-Nitroaniline	10.11	138	179036	42.916	nq	91
62) Azobenzene	10.23	77	639230	45.035	nq	91
64) 4,6-Dinitro-2-methylphenol	10.15	198	45004	21.476	nq	88
65) n-Nitrosodiphenylamine	10.19	169	507848	43.281	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	158275	47.028	nq	98
67) Hexachlorobenzene	10.62	284	164526	43.594	nq	# 88
68) Atrazine	10.73	200	163993	48.739	nq	94
69) Pentachlorophenol	10.82	266	75295	48.218	nq	98
70) Phenanthrene	11.03	178	813754	45.035	nq	98
71) Anthracene	11.08	178	809486	43.740	nq	100
72) Carbazole	11.24	167	837966	46.039	nq	99
73) Di-n-butylphthalate	11.58	149	1053139	46.809	nq	99
74) Fluoranthene	12.21	202	790866	44.678	nq	98
76) Benzidine	12.33	184	58472	8.023	nq	# 94
77) Pyrene	12.43	202	774315	48.153	nq	99
79) Butylbenzylphthalate	13.07	149	372233	45.507	nq	# 85
80) Benzo(a)anthracene	13.62	228	553948	43.586	nq	100
81) 3,3'-Dichlorobenzidine	13.59	252	167226	34.891	nq	# 95
82) Chrysene	13.66	228	522868	42.132	nq	100
83) Bis(2-ethylhexyl)phthalate	13.63	149	489421	45.826	nq	99
84) Di-n-octyl phthalate	14.24	149	854960	43.623	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.21	276	509033	47.835	nq	97
87) Benzo(b)fluoranthene	14.62	252	463247	42.671	nq	98
88) Benzo(k)fluoranthene	14.62	252	463247	44.780	nq	96
89) Benzo(a)pyrene	14.93	252	440010	44.285	nq	100
90) Dibenzo(a,h)anthracene	16.22	278	413892	50.798	nq	# 95
91) Benzo(g,h,i)perylene	16.57	276	428392	50.137	nq	99

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

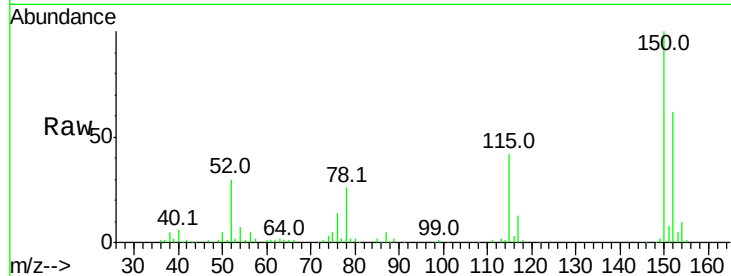


#1

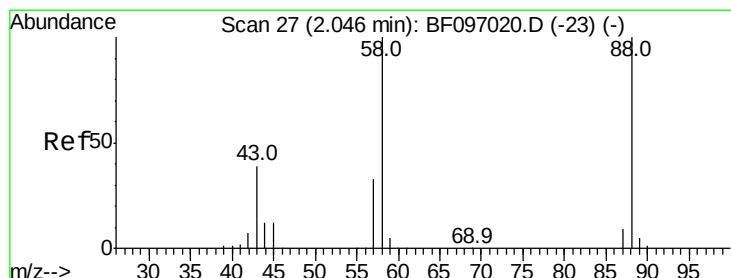
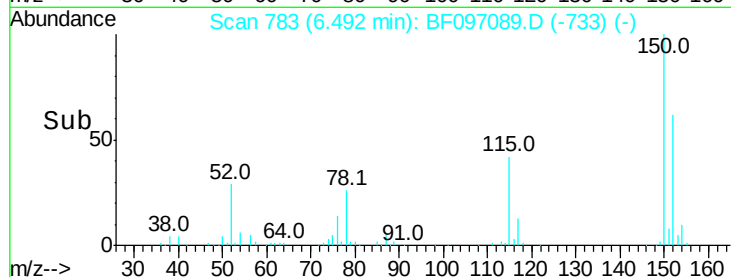
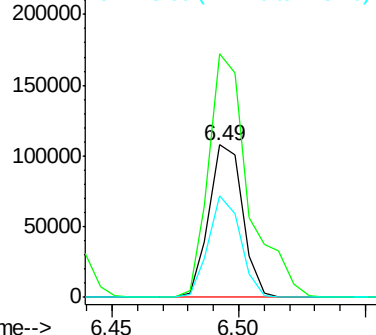
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100090
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 66.5 52.2 78.2



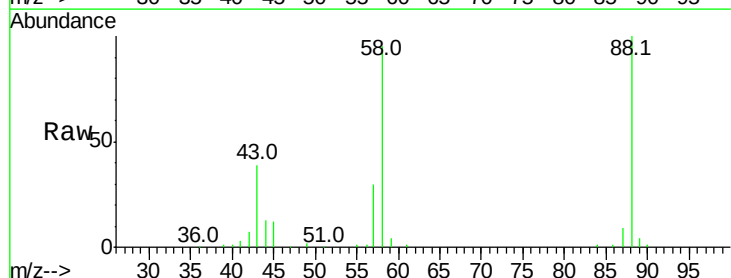
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



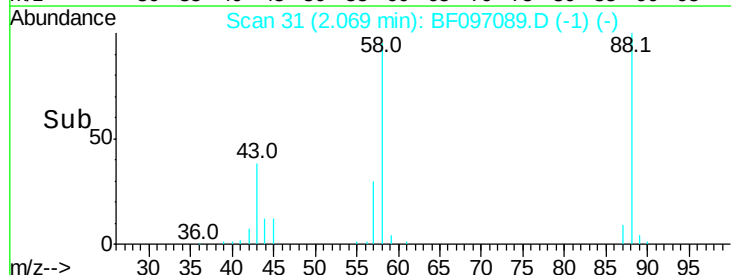
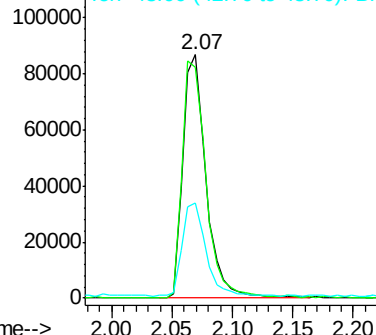
#2

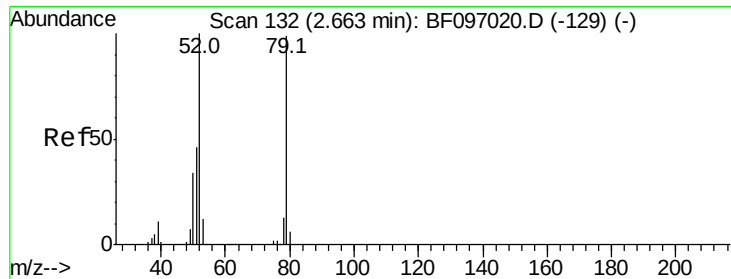
1,4-Dioxane
Concen: 41.090 ng
RT: 2.07 min Scan# 31
Delta R.T. 0.02 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion: 88 Resp: 113850
Ion Ratio Lower Upper
88 100
58 100.4 61.4 92.0#
43 39.3 23.4 35.0#



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

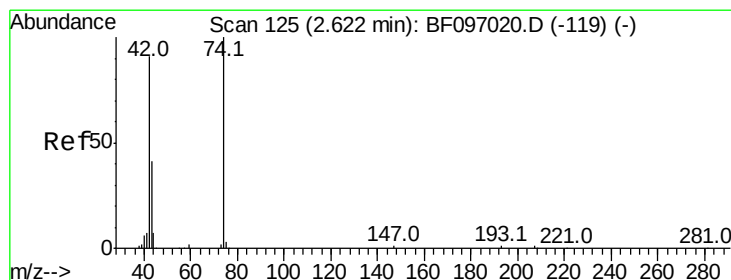
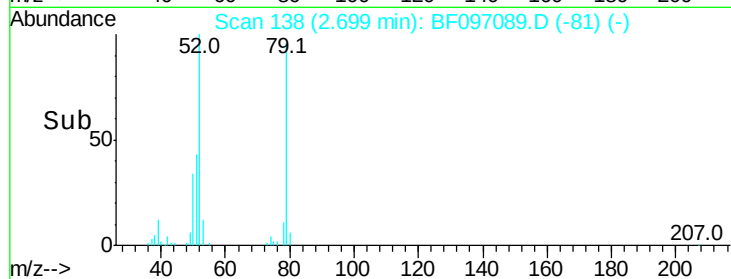
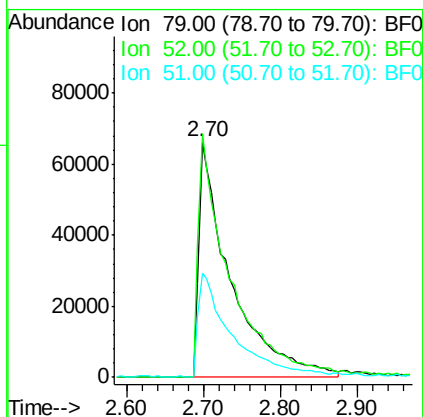
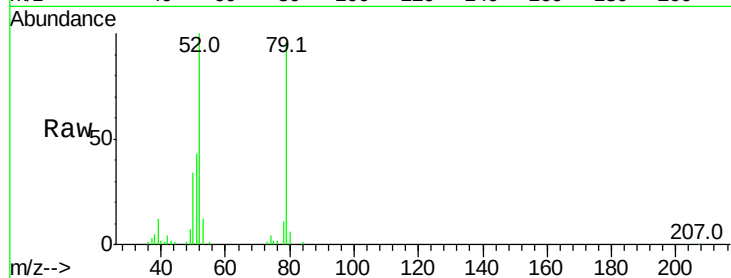




#3
 Pvridine
 Concen: 22.412 ng
 RT: 2.70 min Scan# 138
 Delta R.T. 0.04 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

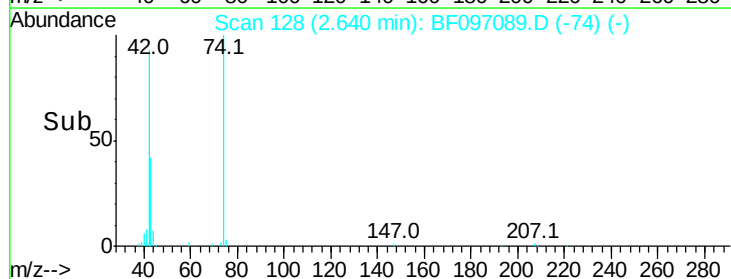
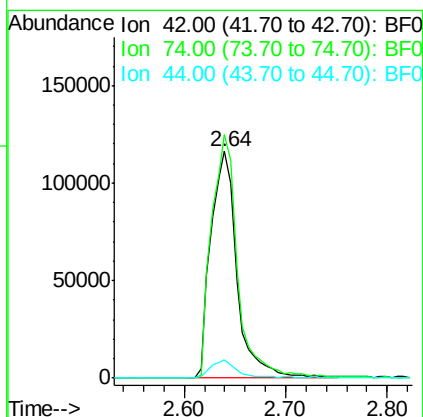
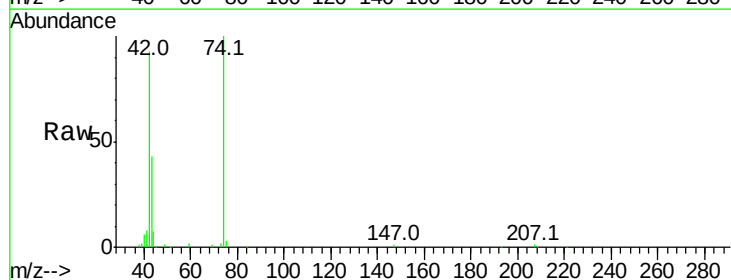
Instrument :
 BNA_F
 ClientSampleId :

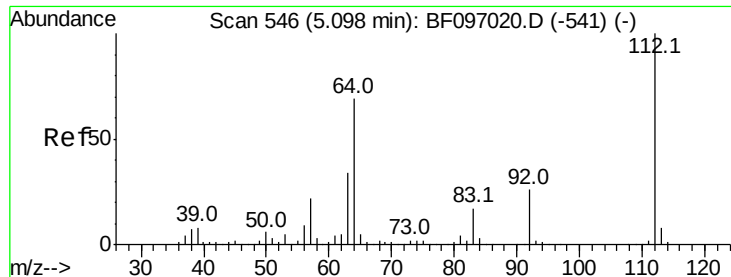
Tot Ion: 79 Resp: 190150
 Ion Ratio Lower Upper
 79 100
 52 103.7 54.8 82.2#
 51 44.5 27.0 40.4#



#4
 n-Nitrosodimethylamine
 Concen: 44.571 ng
 RT: 2.64 min Scan# 128
 Delta R.T. 0.02 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion: 42 Resp: 209494
 Ion Ratio Lower Upper
 42 100
 74 107.4 103.9 155.9
 44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 113.918 ng

RT: 5.10 min Scan# 547

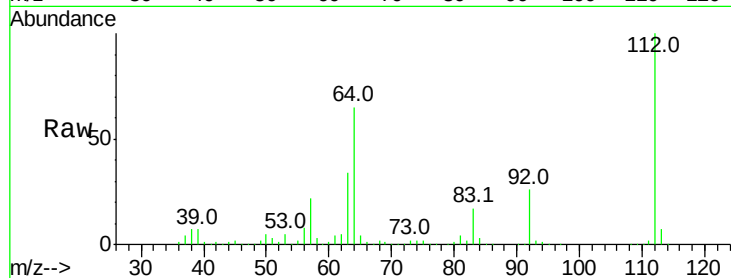
Delta R.T. 0.01 min

Lab File: BF097089.D

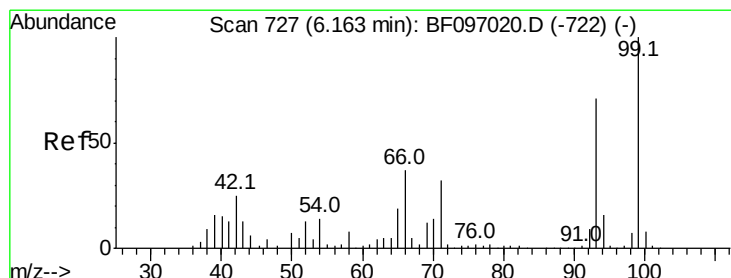
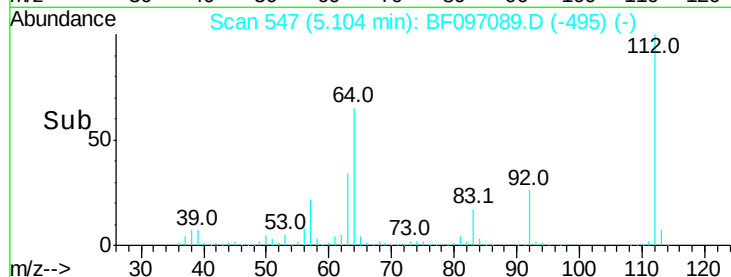
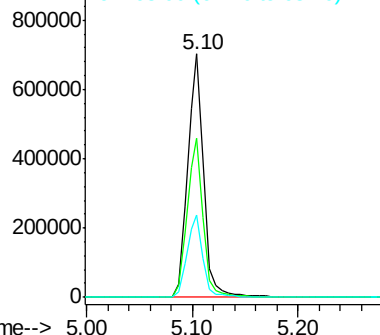
Acq: 26 Jul 2017 21:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	756362
Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	33.6	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 29.741 ng

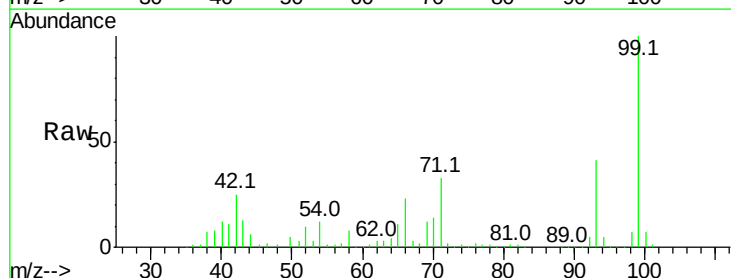
RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

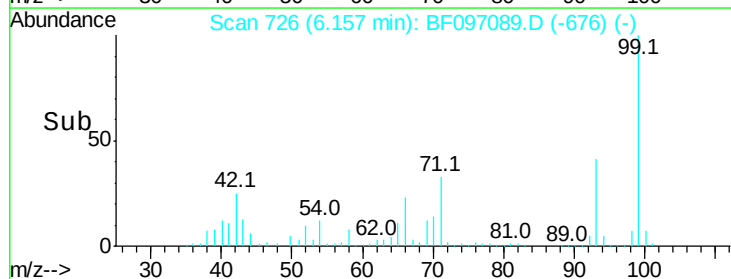
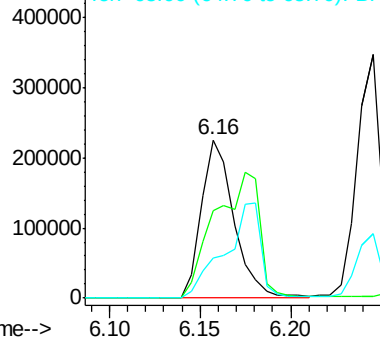
Lab File: BF097089.D

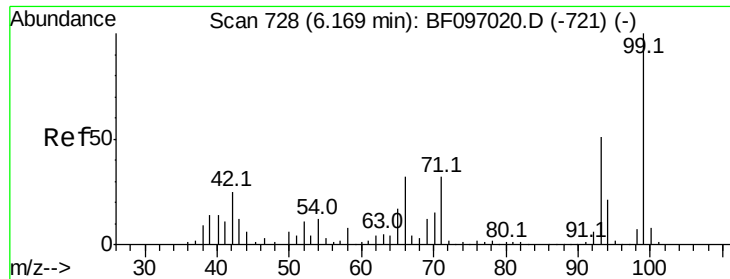
Acq: 26 Jul 2017 21:43

Tgt Ion:	93	Resp:	283675
Ion	Ratio	Lower	Upper
93	100		
66	55.8	32.9	49.3#
65	25.7	16.0	24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 130.965 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

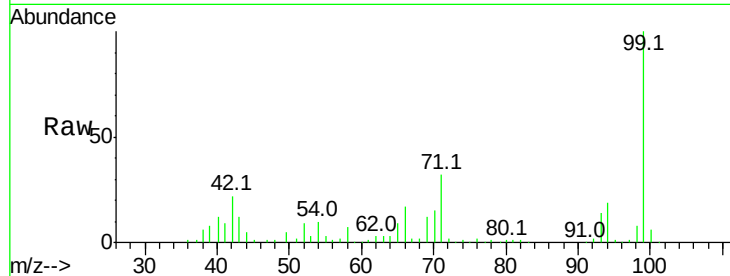
Tot Ion: 99 Resp: 992691

Ion Ratio Lower Upper

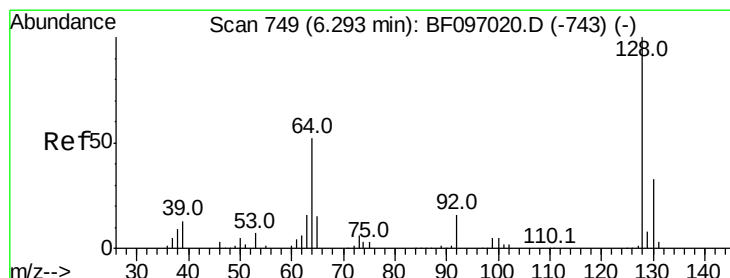
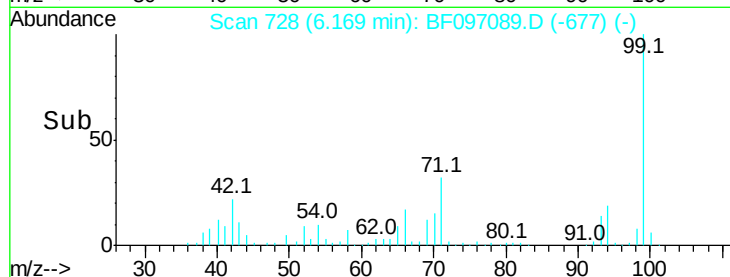
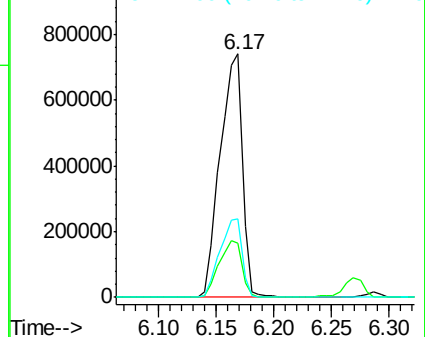
99 100

42 22.3 13.5 20.3#

71 32.5 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: 41.020 ng

RT: 6.29 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

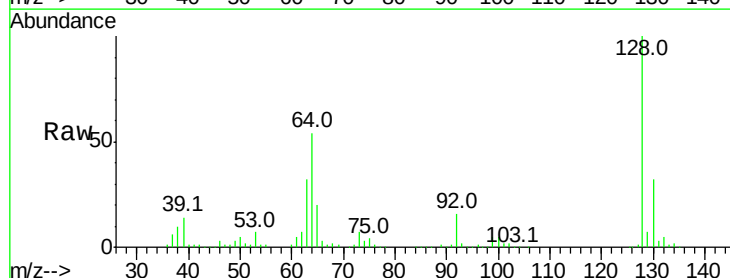
Tgt Ion:128 Resp: 291219

Ion Ratio Lower Upper

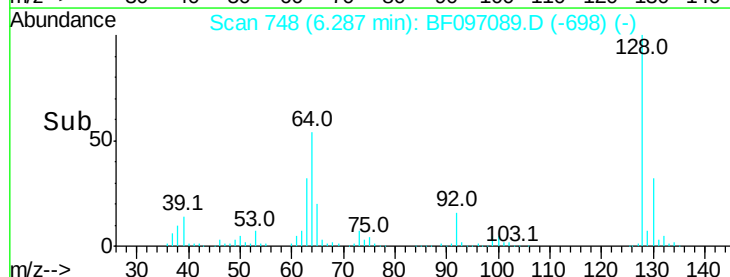
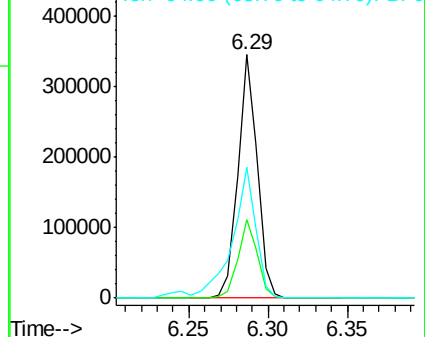
128 100

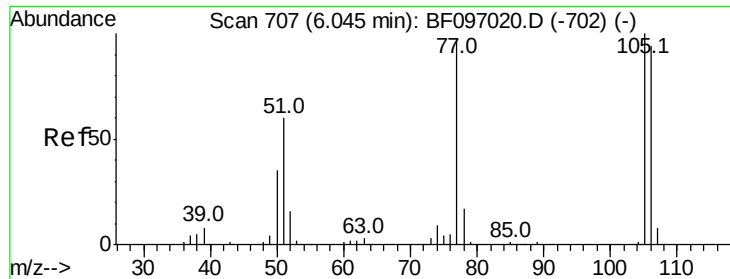
130 32.5 12.9 52.9

64 53.5 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: 24.499 ng

RT: 6.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

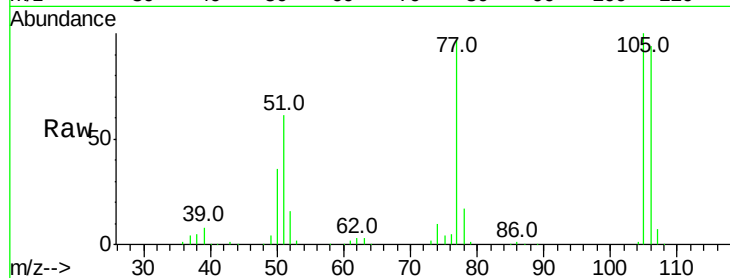
Tot Ion: 77 Resp: 109917

Ion Ratio Lower Upper

77 100

105 102.7 83.8 123.8

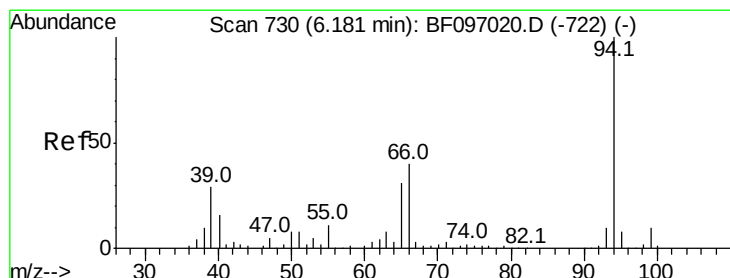
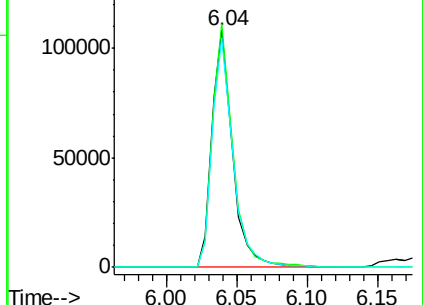
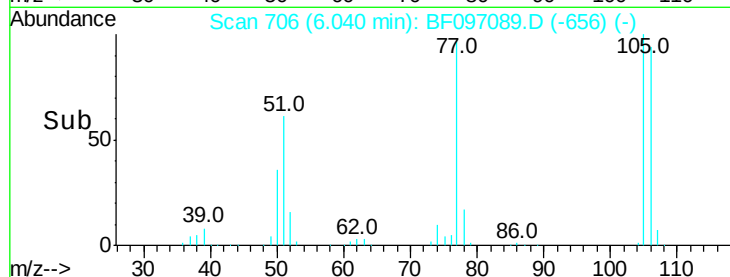
106 97.0 79.1 119.1



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: 47.822 ng

RT: 6.18 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

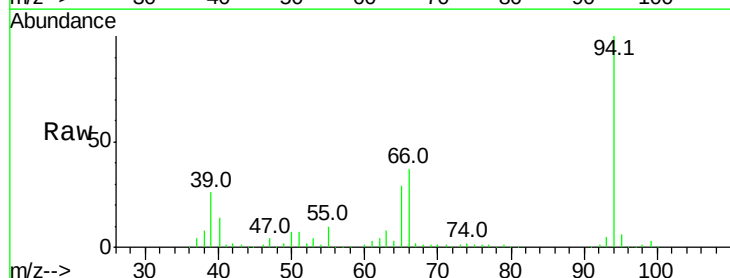
Tgt Ion: 94 Resp: 429960

Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

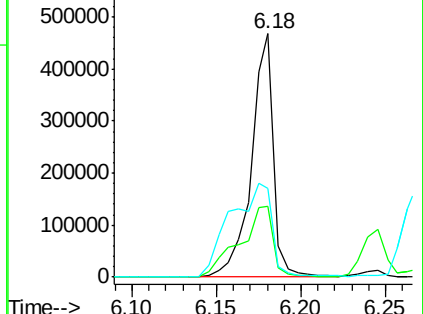
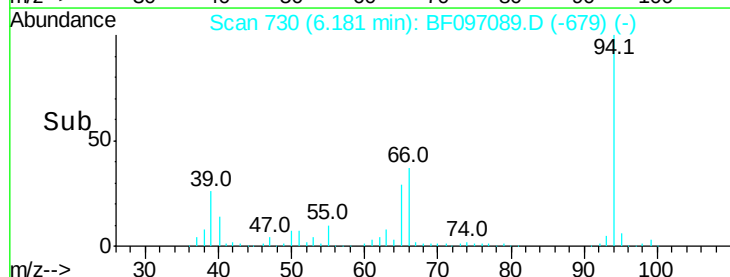
66 36.6 23.1 63.1

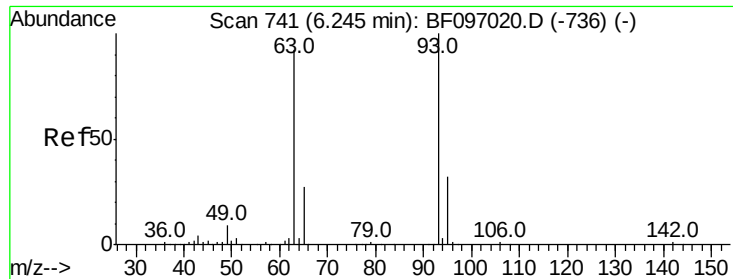


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

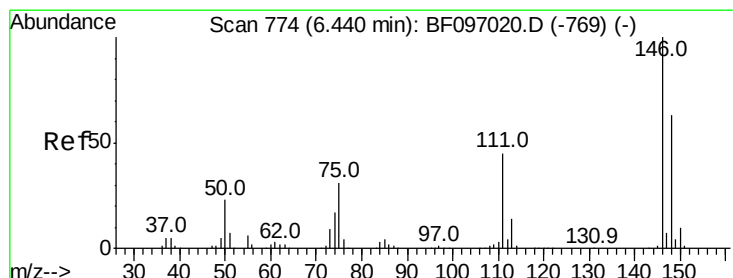
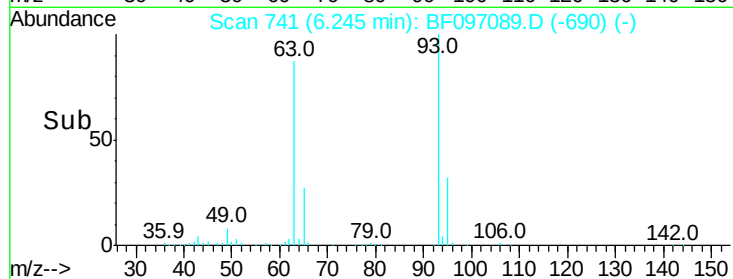
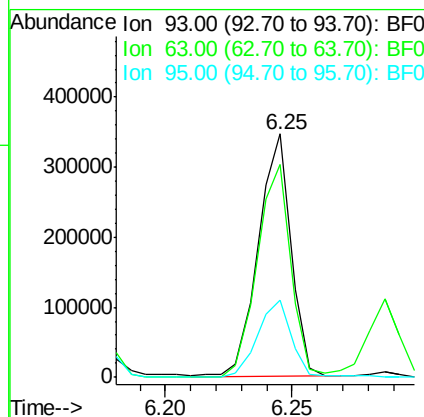
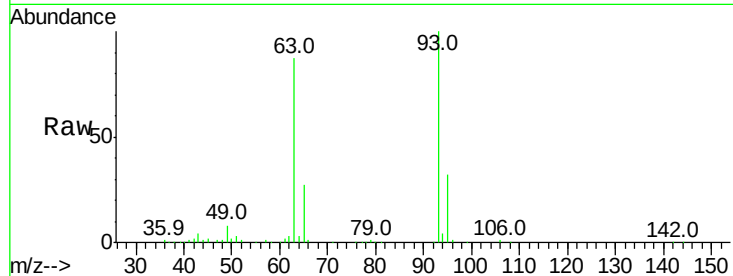




#11
 bis(2-Chloroethyl)ether
 Concen: 43.833 ng
 RT: 6.25 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

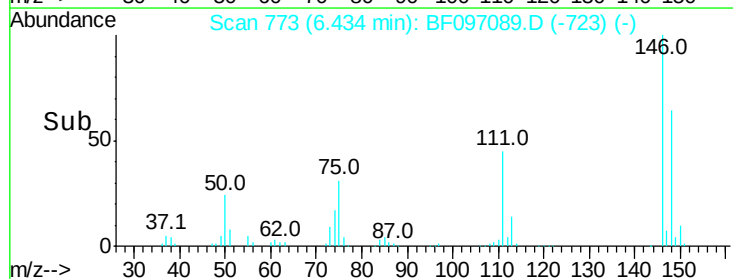
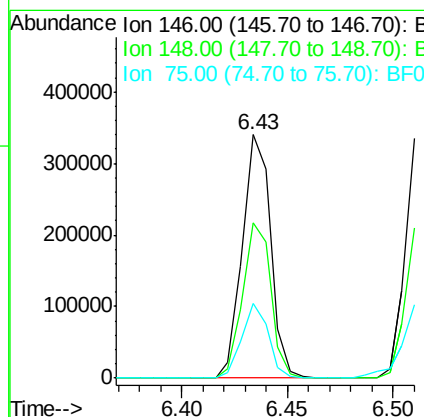
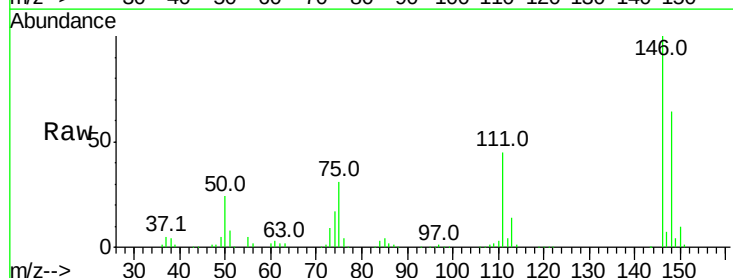
Instrument :
 BNA_F
 ClientSampleId :

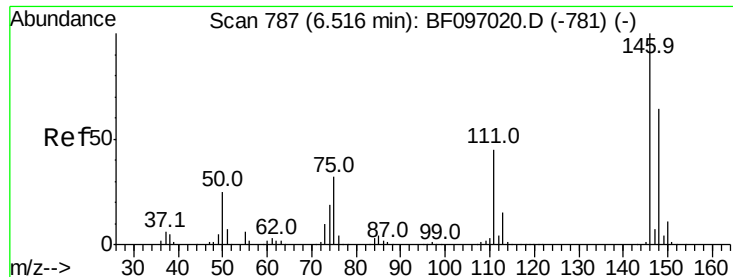
Tot Ion:	93	Resp:	311689
Ion	Ratio	Lower	Upper
93	100		
63	87.4	59.2	99.2
95	31.9	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 41.264 ng
 RT: 6.43 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:	146	Resp:	315704
Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	30.5	23.1	34.7

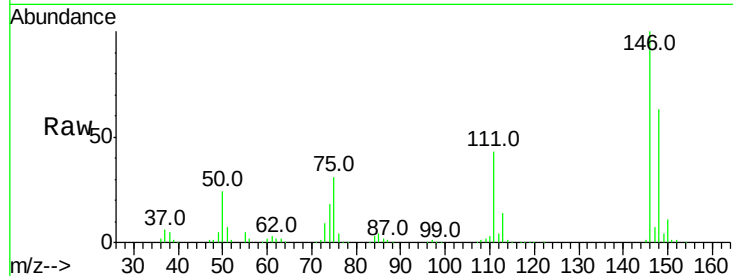




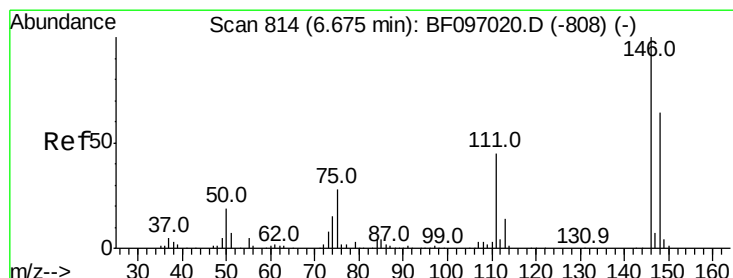
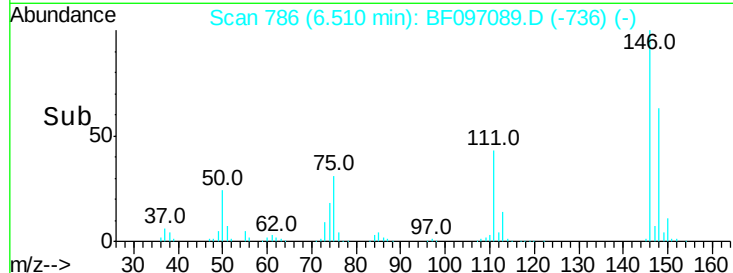
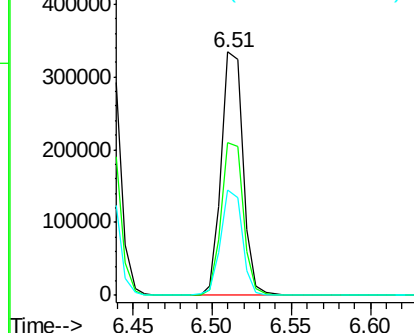
#13
 1,4-Dichlorobenzene
 Concen: 42.261 ng
 RT: 6.51 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 320432
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.2 78.2
 111 43.5 30.3 45.5

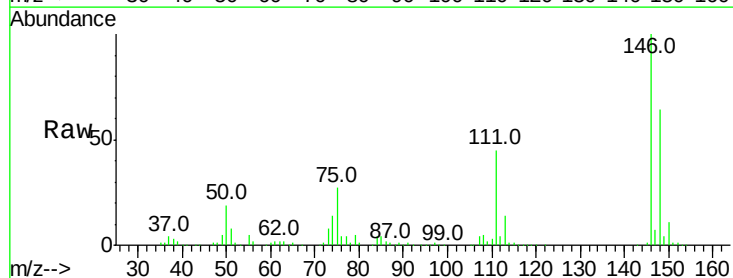


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

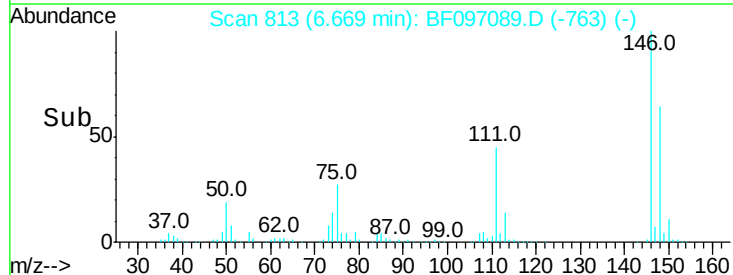
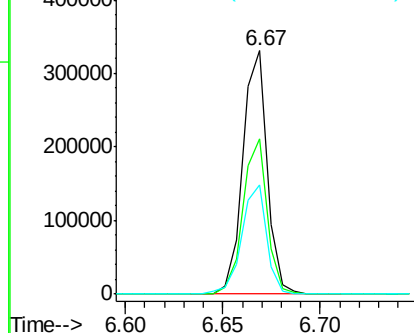


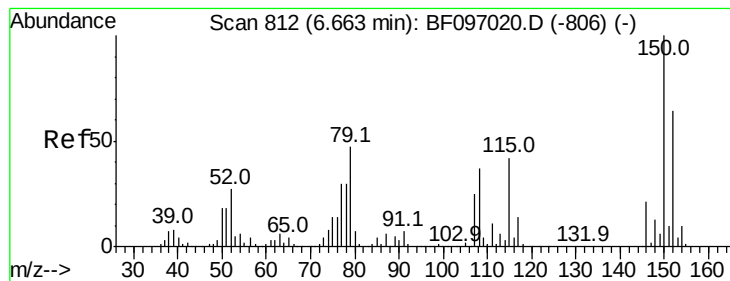
#14
 1,2-Dichlorobenzene
 Concen: 43.205 ng
 RT: 6.67 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:146 Resp: 286030
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 44.7 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: 47.506 ng

RT: 6.66 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

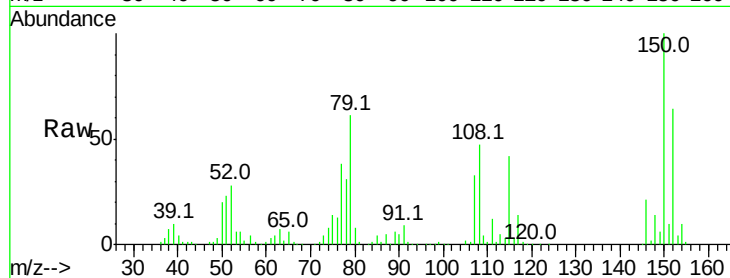
Tot Ion: 79 Resp: 227980

Ion Ratio Lower Upper

79 100

108 77.3 63.4 95.0

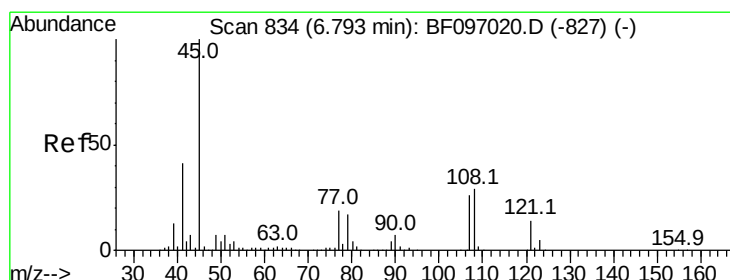
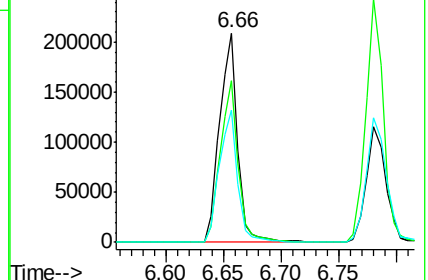
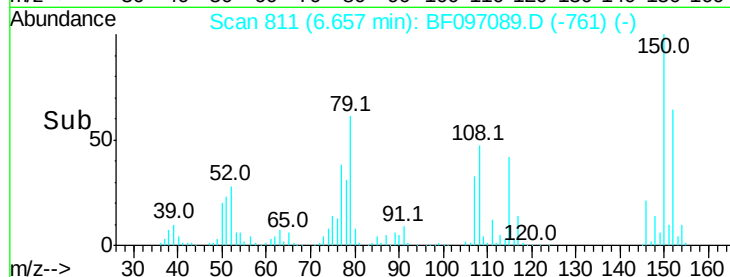
77 63.2 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.527 ng

RT: 6.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

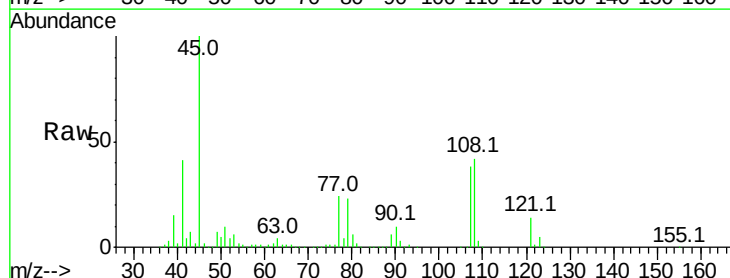
Tgt Ion: 45 Resp: 578018

Ion Ratio Lower Upper

45 100

77 24.4 0.0 33.2

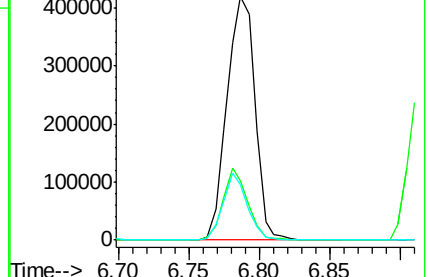
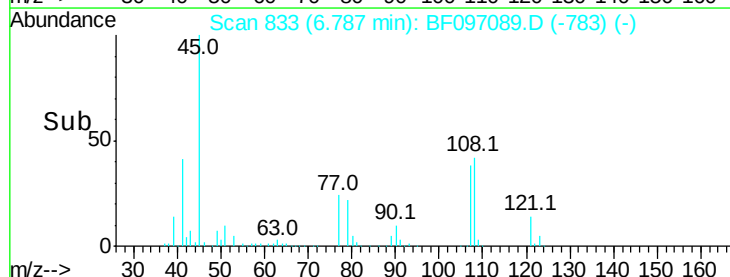
79 22.7 0.0 30.0

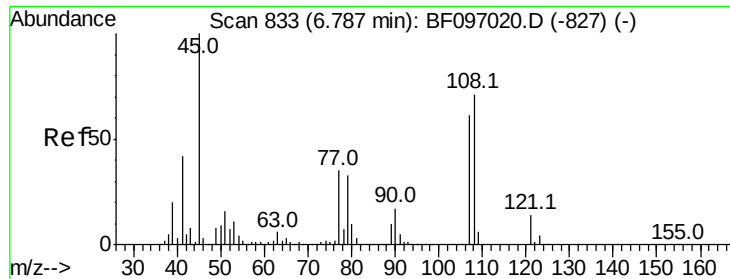


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

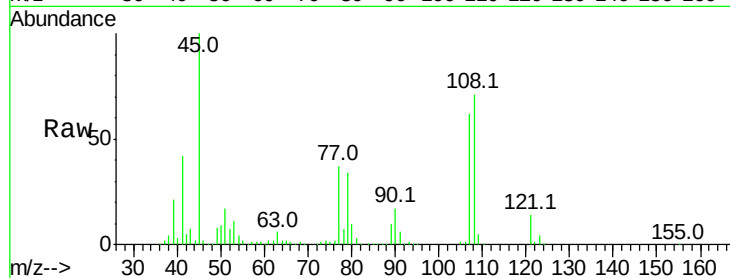




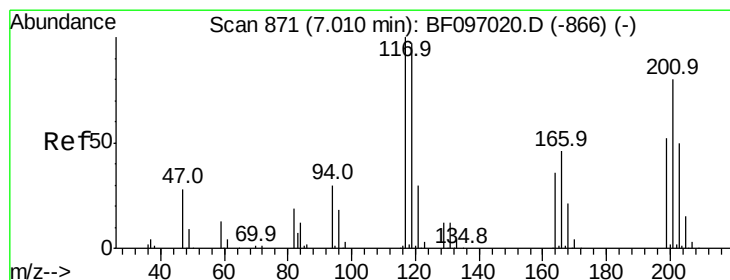
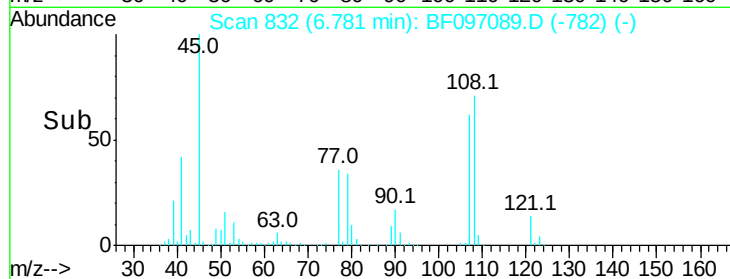
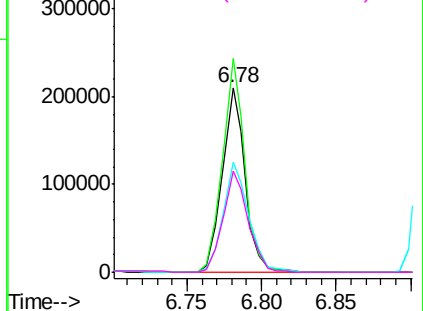
#17
2-Methylphenol
Concen: 41.491 ng
RT: 6.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.8	93.4	140.0
77	59.4	35.8	53.6#
79	55.0	34.8	52.2#

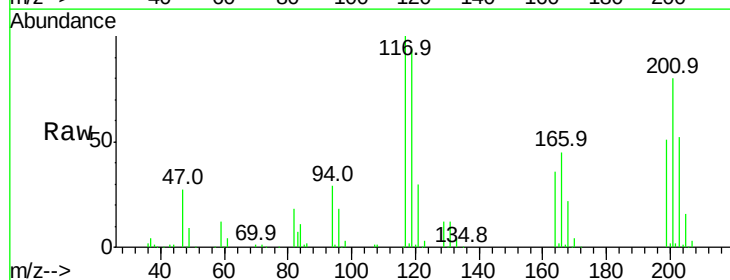


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

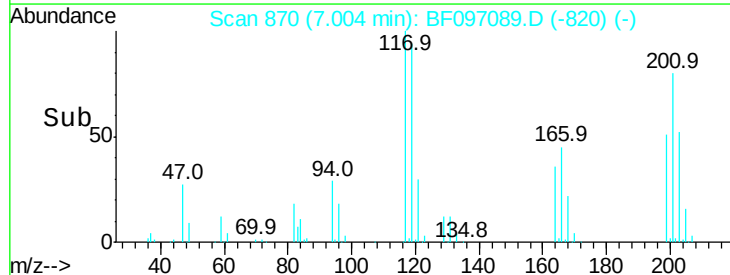
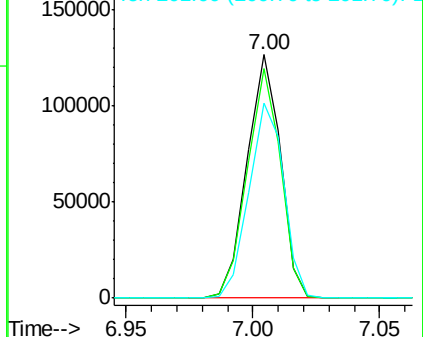


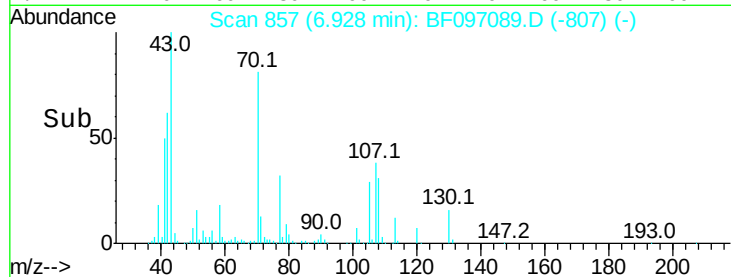
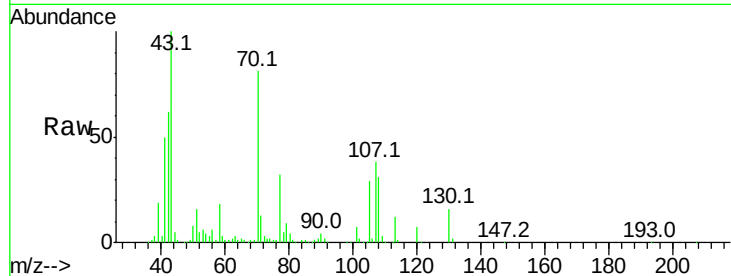
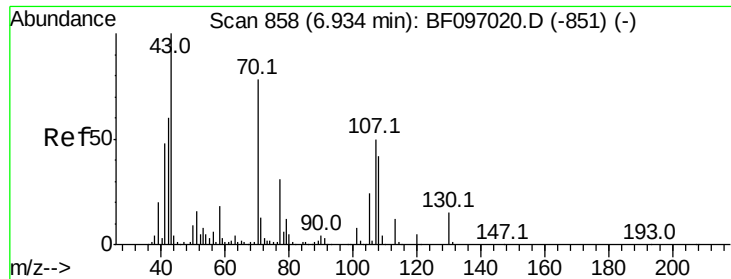
#18
Hexachloroethane
Concen: 42.192 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	80.1	94.6	141.8#



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

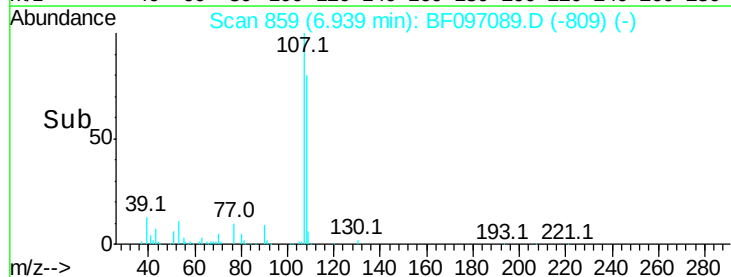
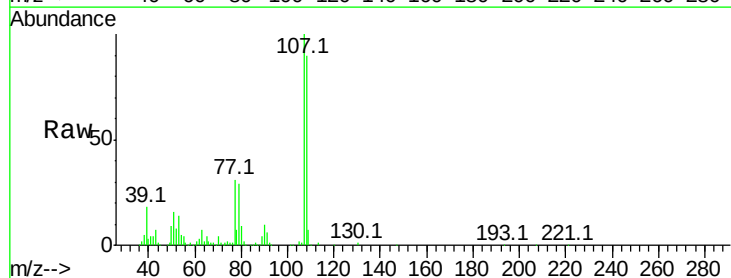
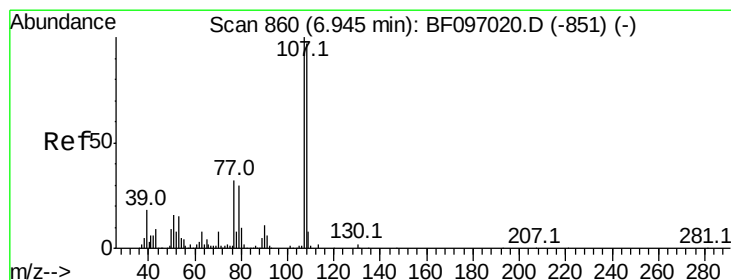
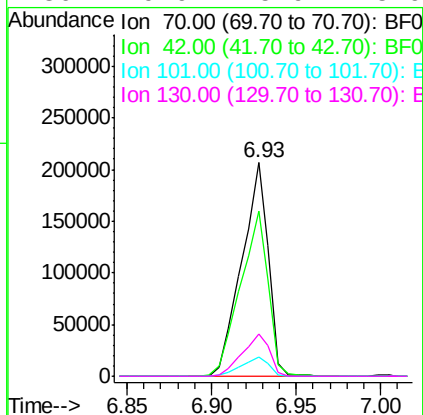




#19
n-Nitroso-di-n-propylamine
Concen: 45.539 ng
RT: 6.93 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

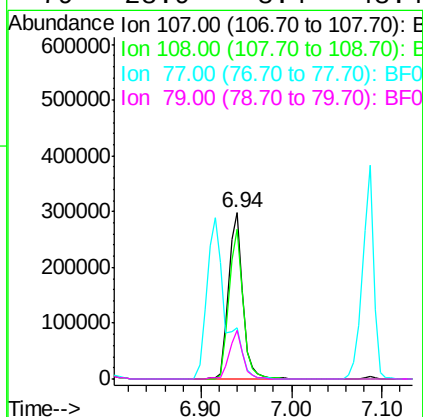
Instrument :
BNA_F
ClientSampleId :

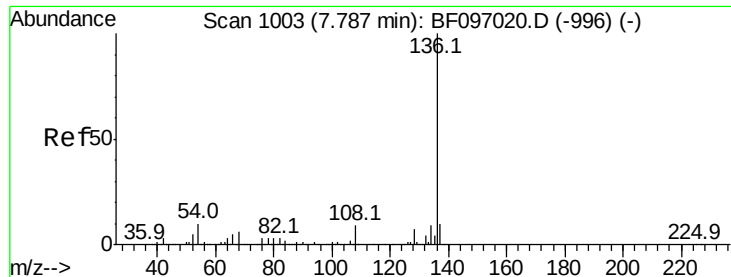
Tot Ion	Ratio	Lower	Upper
70	100		
42	77.1	47.2	70.8#
101	9.1	7.2	10.8
130	19.9	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.227 ng
RT: 6.94 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.0	111.0
77	30.9	90.5	130.5#
79	28.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.78 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 495688

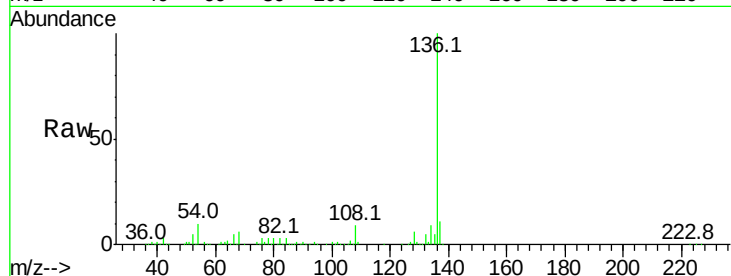
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.9 4.9 7.3#

68 5.7 4.1 6.1

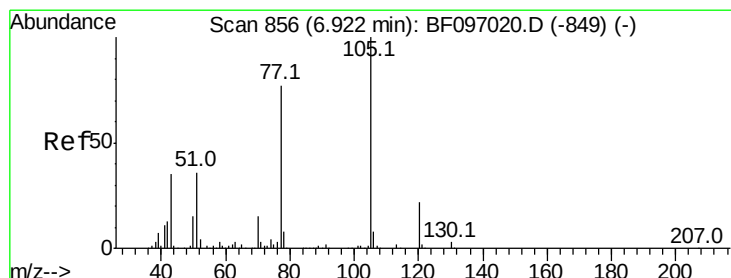
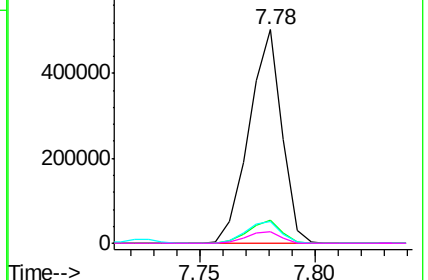
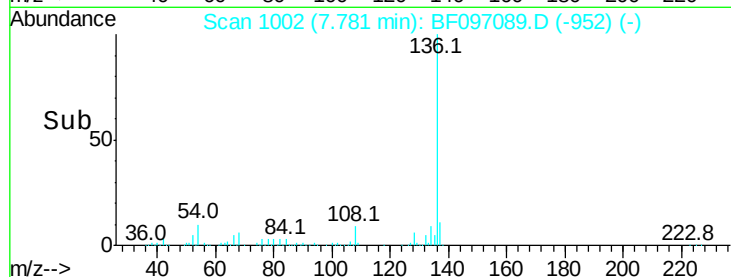


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.864 ng

RT: 6.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Tgt Ion:105 Resp: 450726

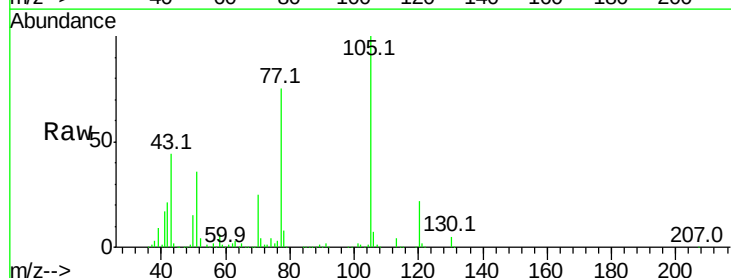
Ion Ratio Lower Upper

105 100

71 3.8 2.8 4.2

51 35.5 30.7 46.1

120 22.0 17.4 26.0

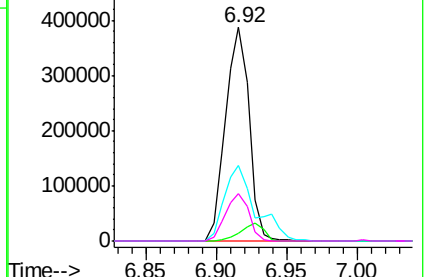
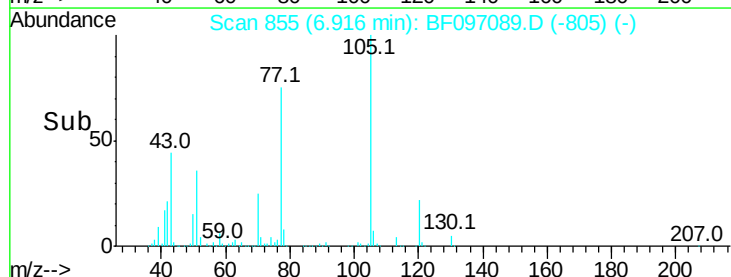


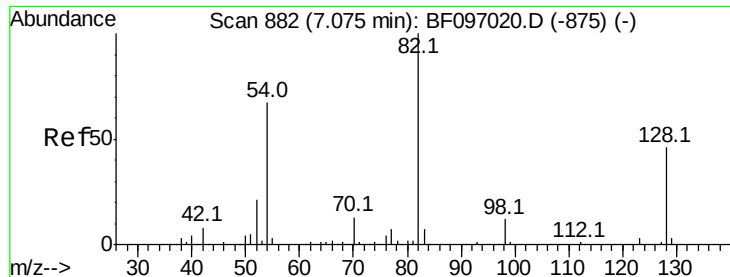
Abundance Ion 105.00 (104.70 to 105.70): E

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

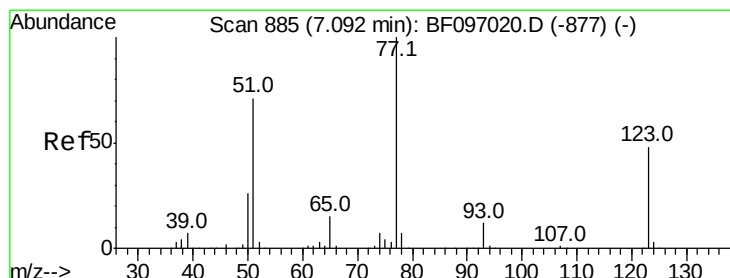
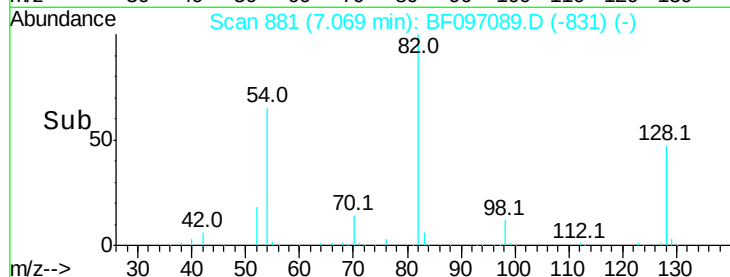
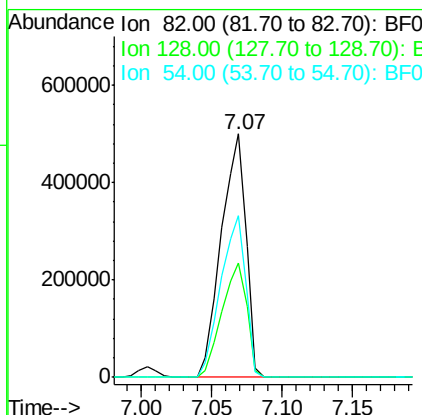
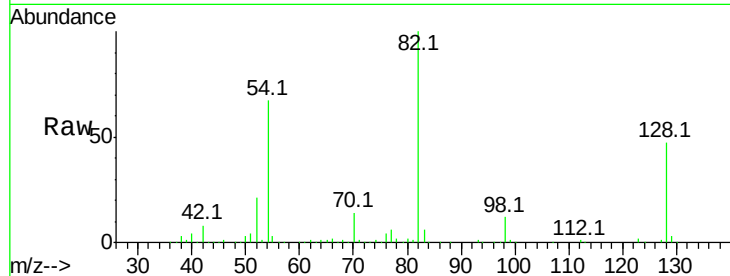




#23
Nitrobenzene-d5
Concen: 72.030 ng
RT: 7.07 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

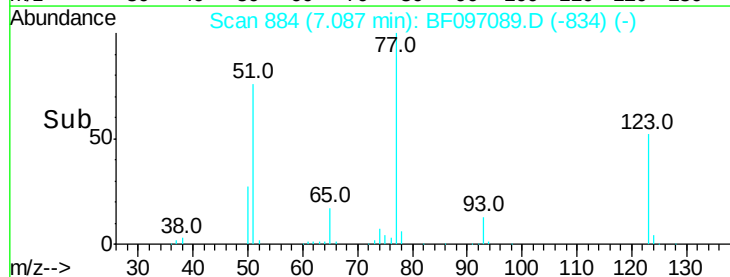
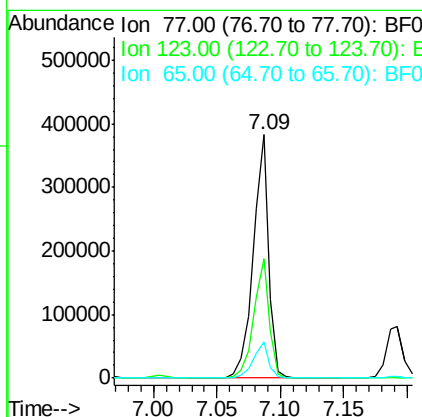
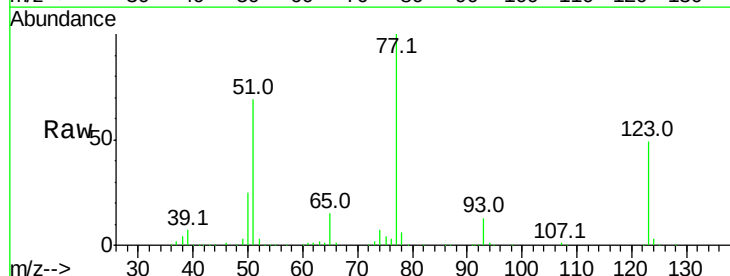
Instrument :
BNA_F
ClientSampleId :

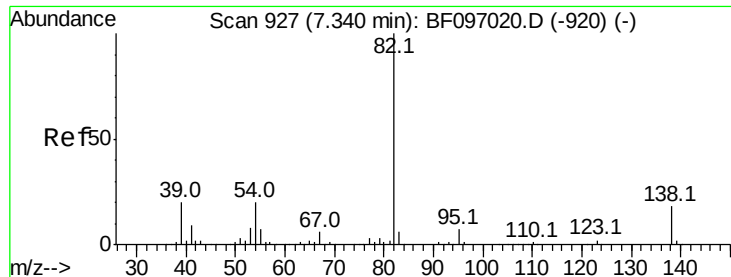
Tot Ion: 82 Resp: 608626
Ion Ratio Lower Upper
82 100
128 46.7 34.0 51.0
54 66.6 42.2 63.2#



#24
Nitrobenzene
Concen: 37.089 ng
RT: 7.09 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion: 77 Resp: 326390
Ion Ratio Lower Upper
77 100
123 49.2 35.8 53.8
65 14.9 10.6 15.8





#25

Isophorone

Concen: 42.237 ng

RT: 7.33 min Scan# 925

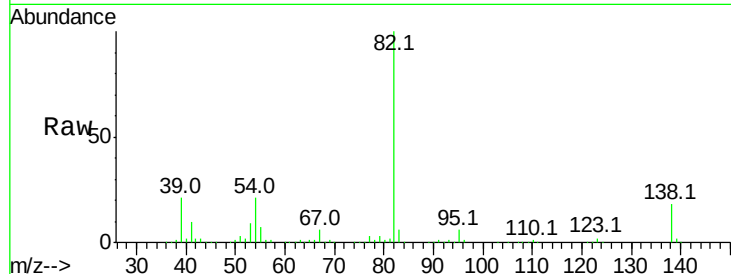
Delta R.T. -0.01 min

Lab File: BF097089.D

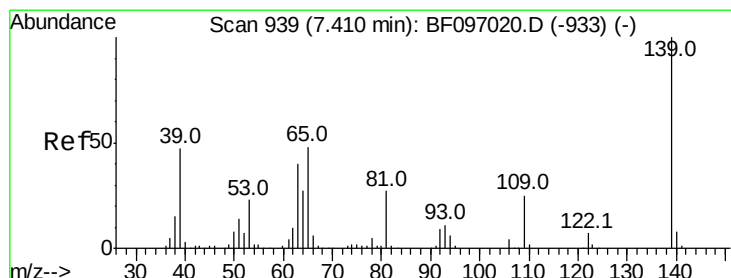
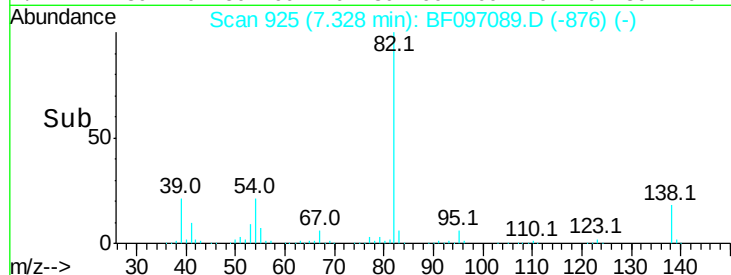
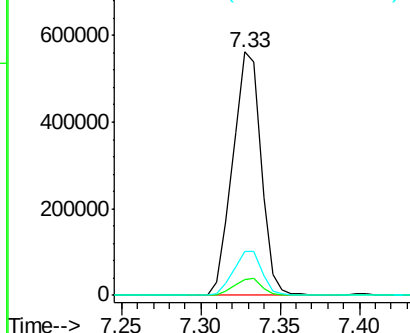
Acq: 26 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	82	Resp:	698917
Ion	Ratio	Lower	Upper
82	100		
95	6.4	5.3	7.9
138	17.9	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: 36.045 ng

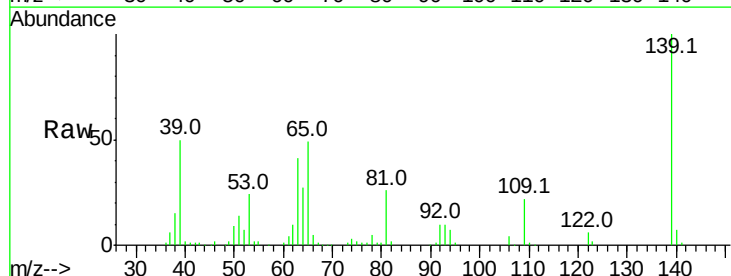
RT: 7.40 min Scan# 938

Delta R.T. -0.01 min

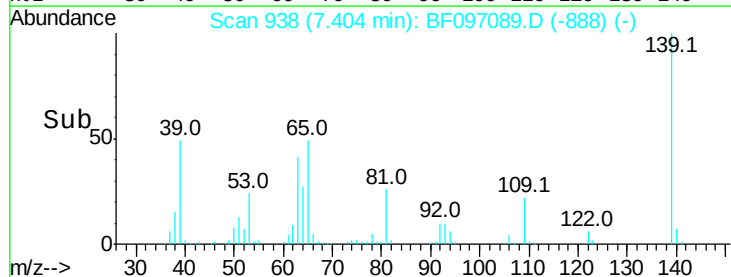
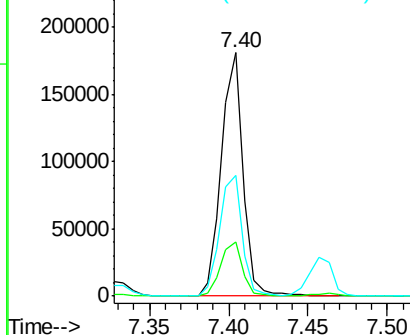
Lab File: BF097089.D

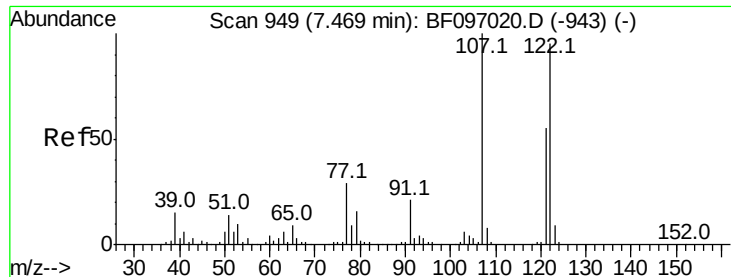
Acq: 26 Jul 2017 21:43

Tgt Ion:	139	Resp:	171611
Ion	Ratio	Lower	Upper
139	100		
109	22.0	21.0	31.6
65	49.5	33.0	49.6



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





#27

2,4-Dimethylphenol

Concen: 38.306 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

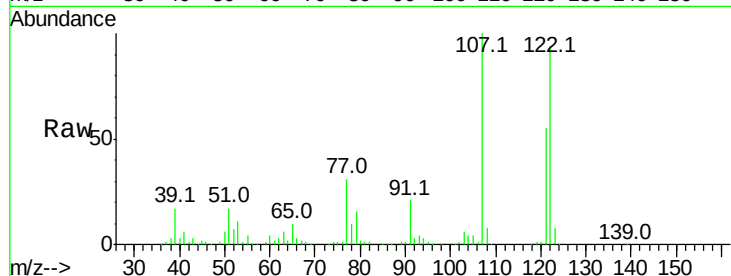
Tot Ion:122 Resp: 300842

Ion Ratio Lower Upper

122 100

107 106.2 89.2 133.8

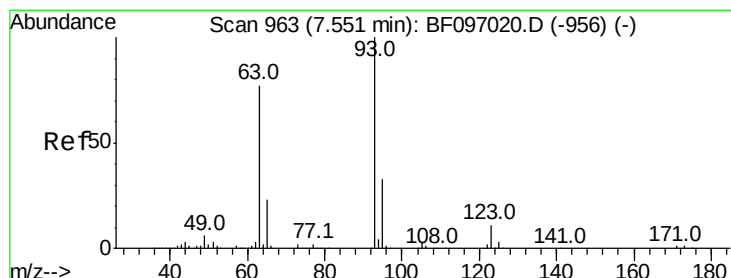
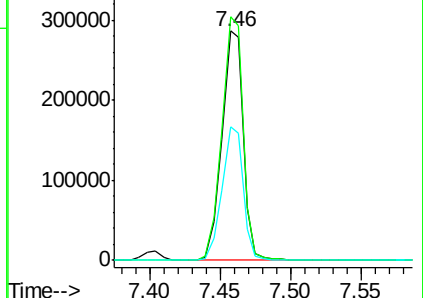
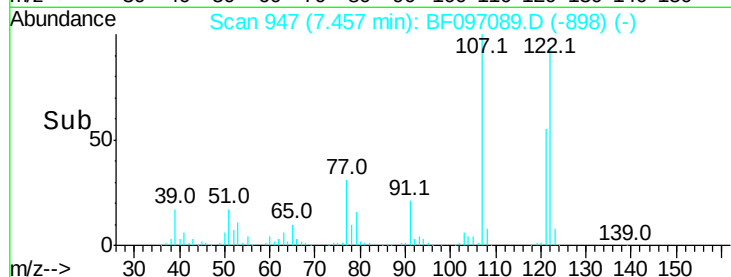
121 58.1 45.2 67.8



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: 43.748 ng

RT: 7.55 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

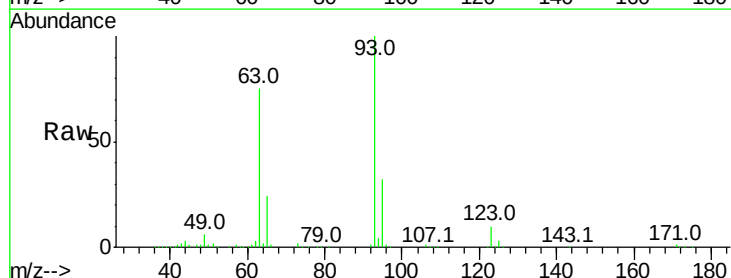
Tgt Ion: 93 Resp: 472422

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

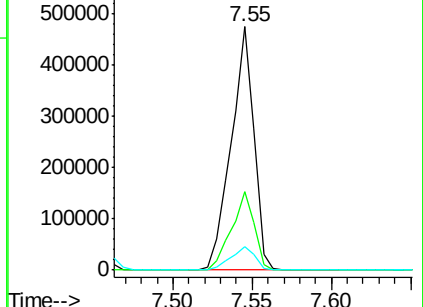
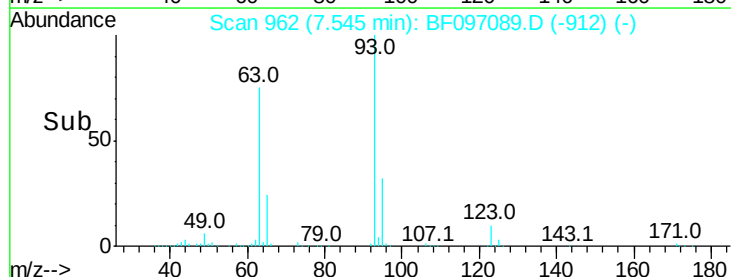
123 9.9 9.0 13.4

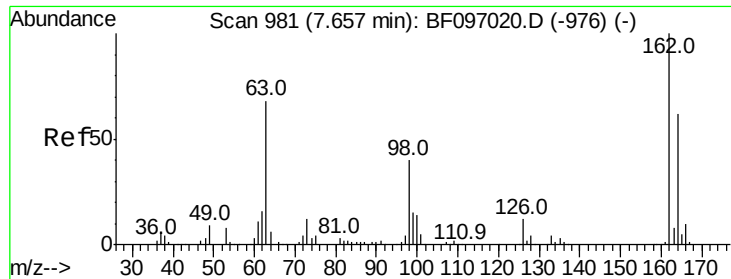


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

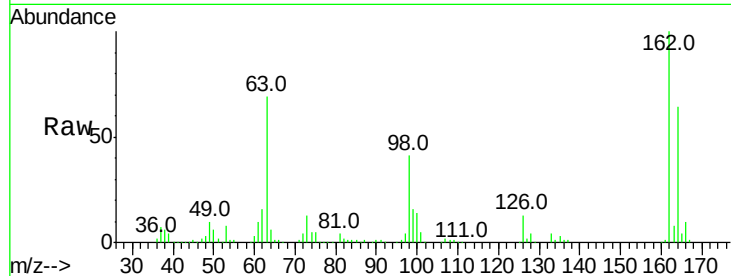




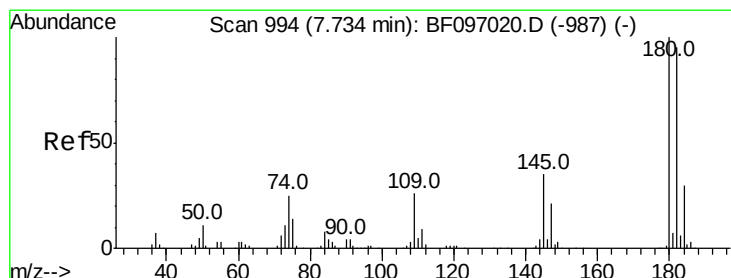
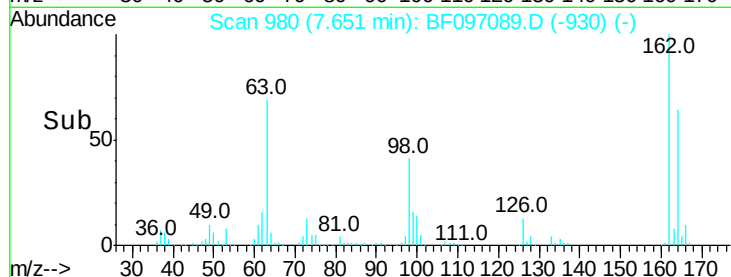
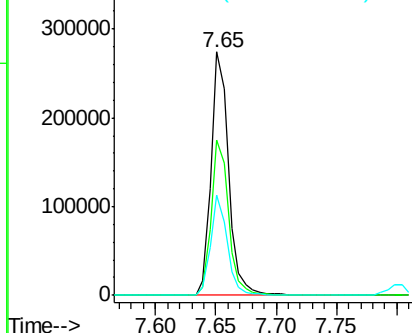
#29
 2,4-Dichlorophenol
 Concen: 40.308 ng
 RT: 7.65 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 272713
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.6 84.6
 98 41.3 14.8 54.8

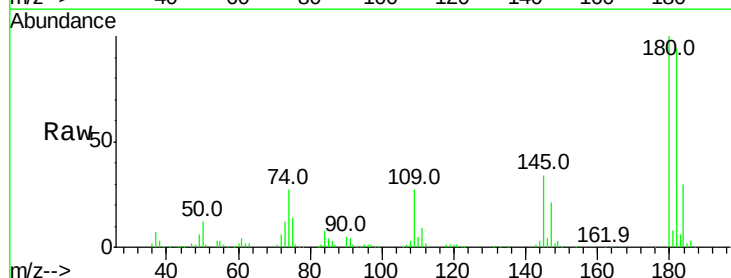


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

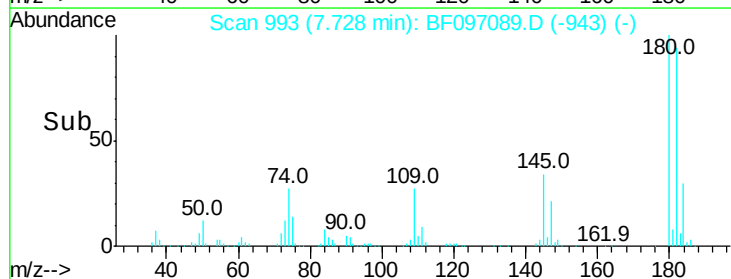
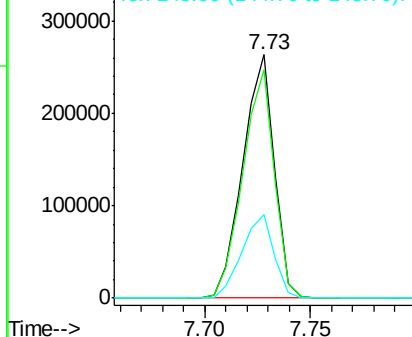


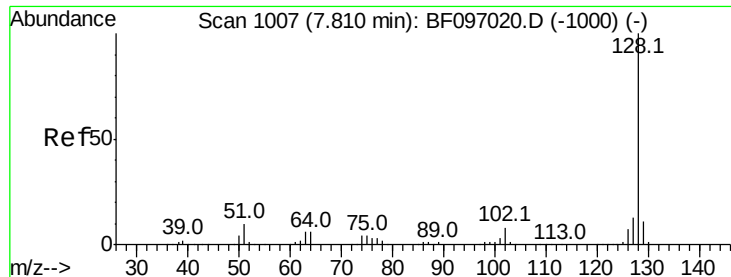
#30
 1,2,4-Trichlorobenzene
 Concen: 42.220 ng
 RT: 7.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:180 Resp: 272279
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.8 113.6
 145 34.4 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: 43.959 ng

RT: 7.80 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

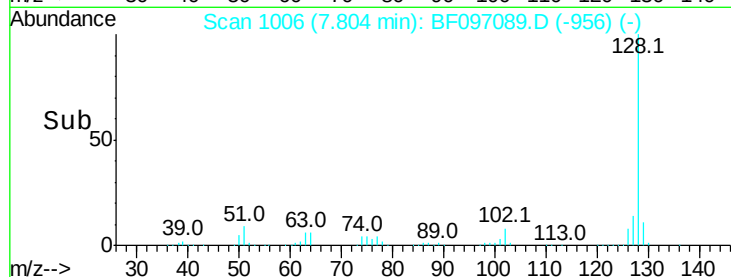
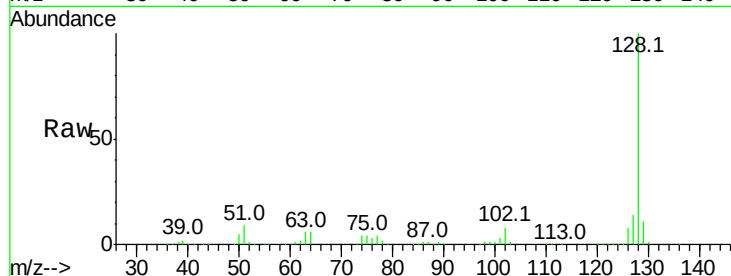
Tot Ion:128 Resp: 1027164

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.6

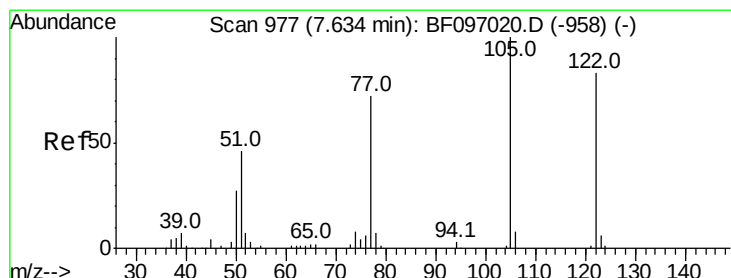
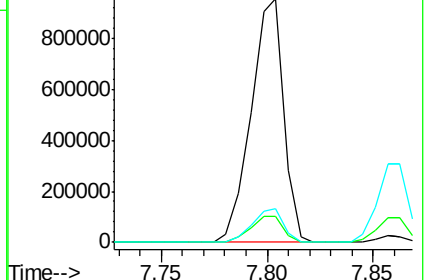
127 13.7 10.8 16.2



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: 51.299 ng

RT: 7.46 min Scan# 947

Delta R.T. -0.18 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

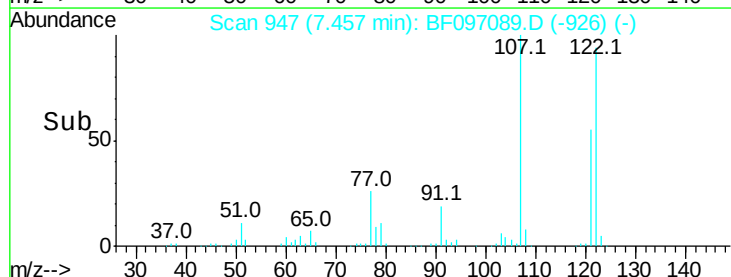
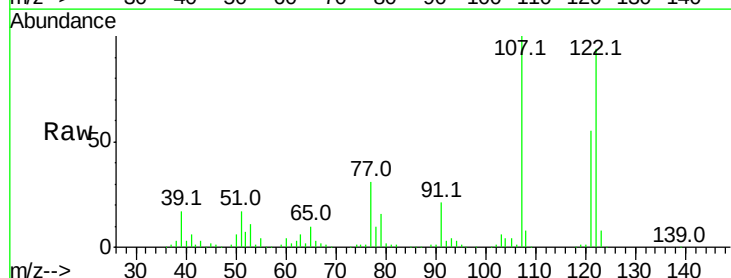
Tgt Ion:122 Resp: 300842

Ion Ratio Lower Upper

122 100

105 3.7 103.3 143.3#

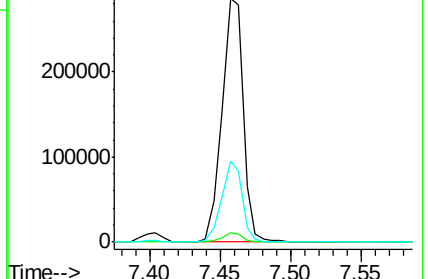
77 33.1 73.7 113.7#

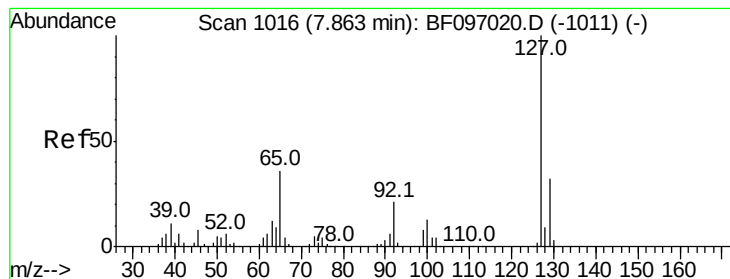


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 35.532 ng

RT: 7.86 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 337826

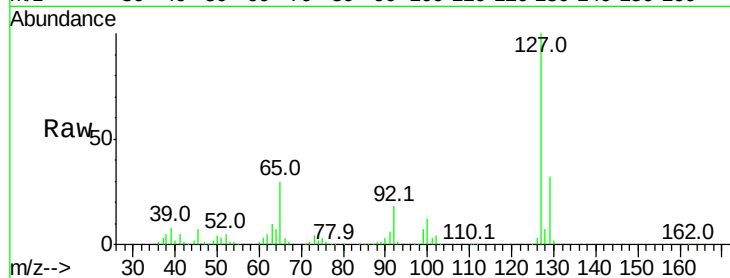
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 30.1 27.8 41.8

92 18.0 16.8 25.2

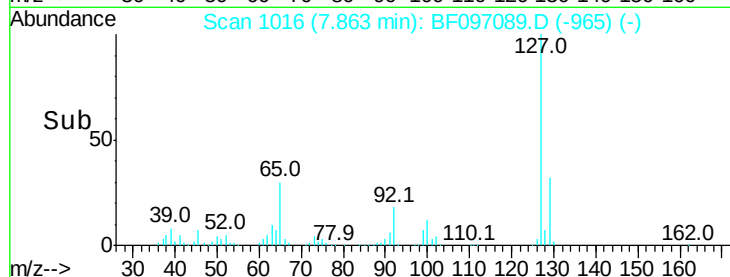


Abundance Ion 127.00 (126.70 to 127.70): E

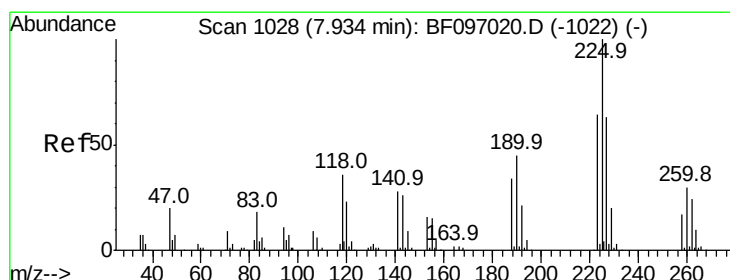
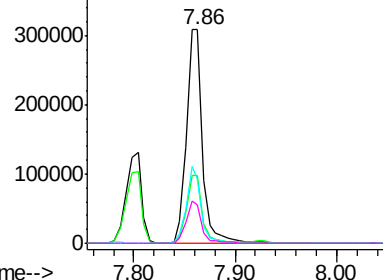
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 40.631 ng

RT: 7.93 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

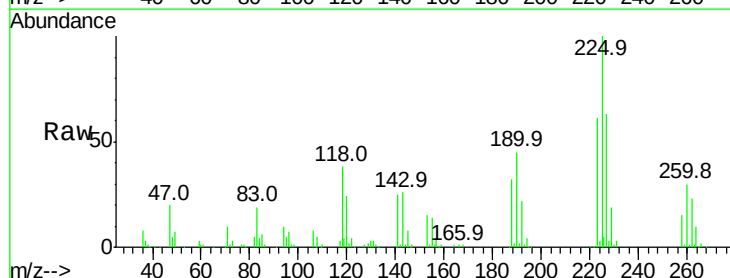
Tgt Ion:225 Resp: 138912

Ion Ratio Lower Upper

225 100

223 61.1 48.8 73.2

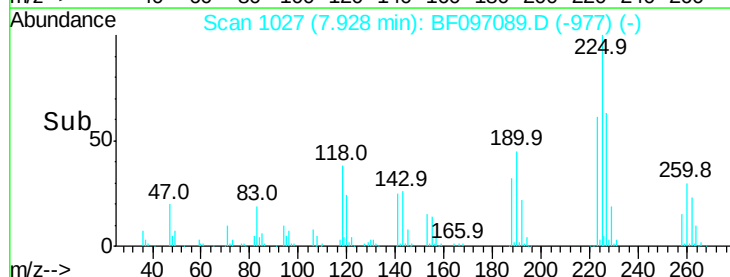
227 63.3 51.1 76.7



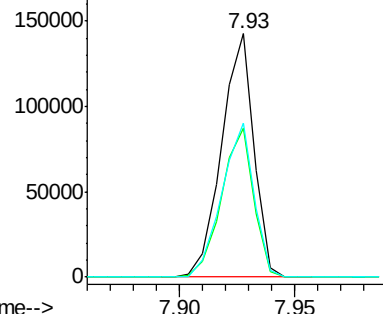
Abundance Ion 225.00 (224.70 to 225.70): E

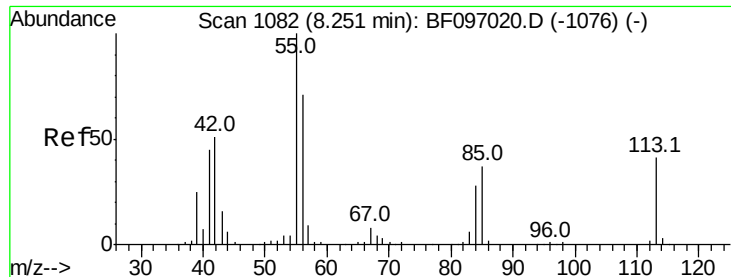
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 15.001 ng

RT: 8.23 min Scan# 1079

Delta R.T. -0.02 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

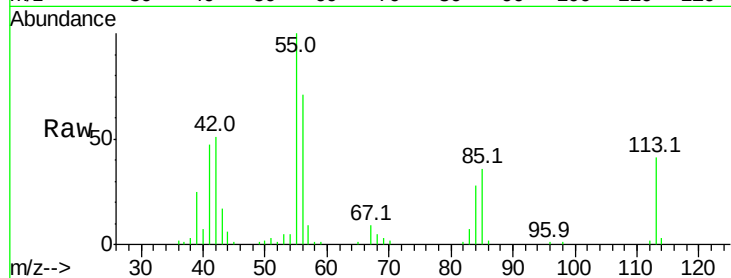
Tot Ion:113 Resp: 32545

Ion Ratio Lower Upper

113 100

55 246.1 150.2 190.2#

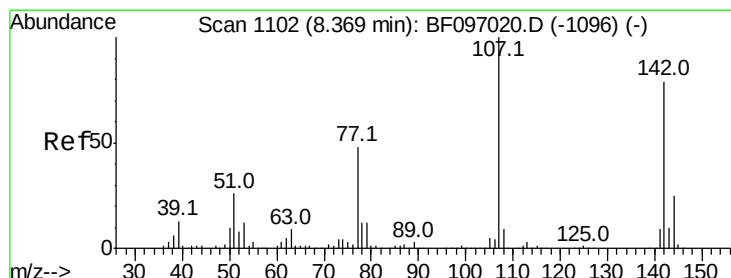
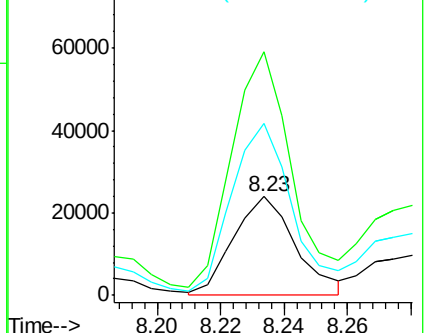
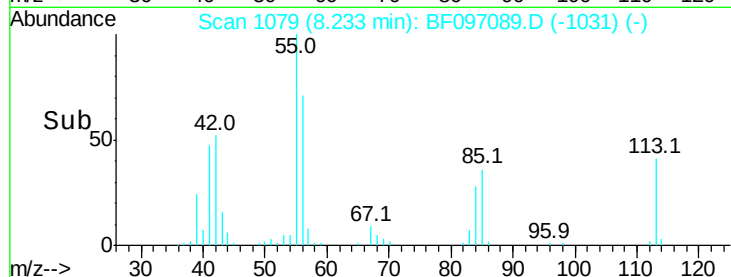
56 174.2 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.345 ng

RT: 8.36 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

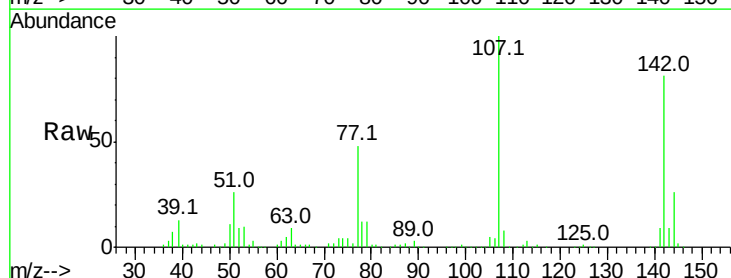
Tgt Ion:107 Resp: 312563

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

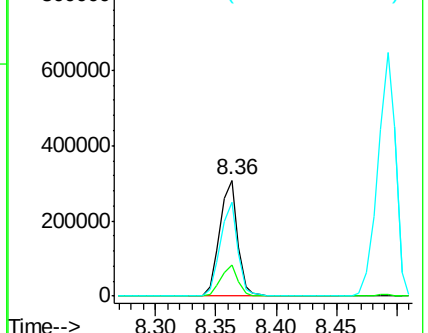
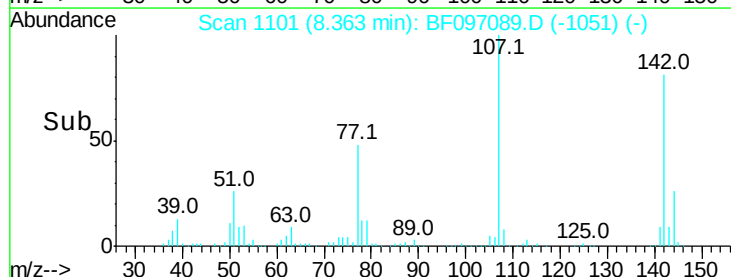
142 80.7 73.4 110.0

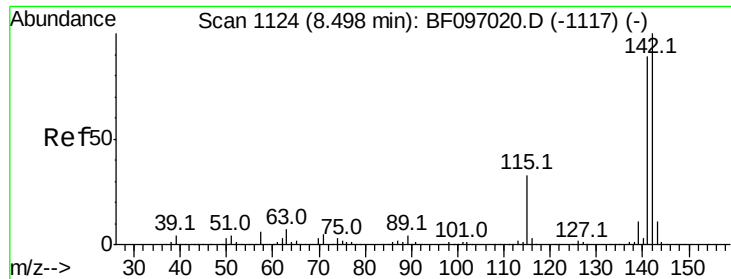


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

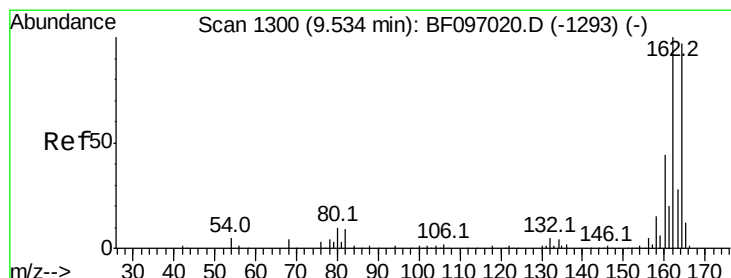
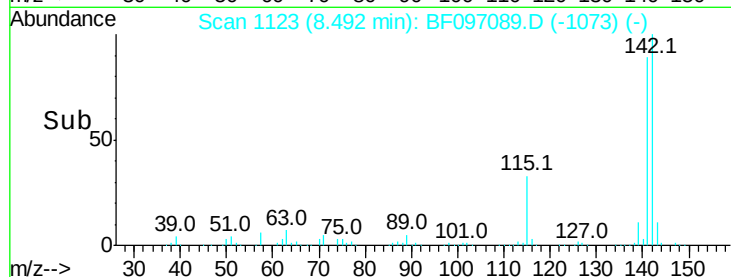
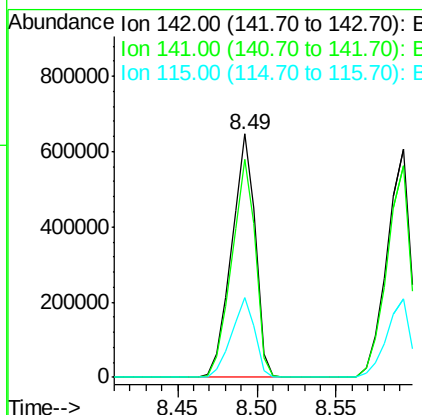
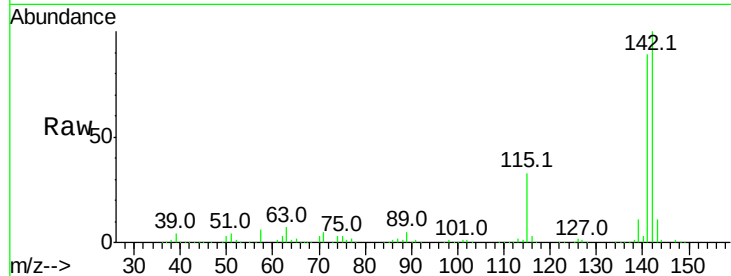




#37
 2-Methylnaphthalene
 Concen: 45.149 ng
 RT: 8.49 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

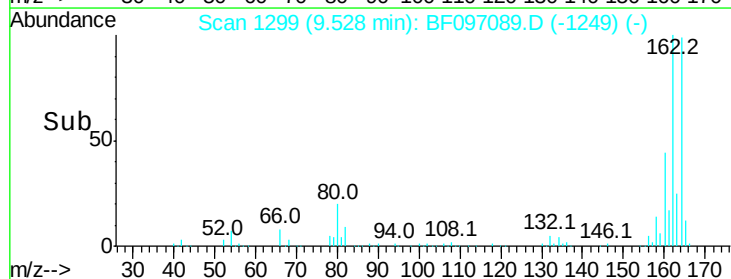
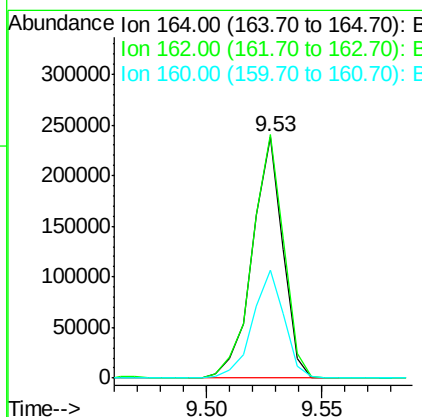
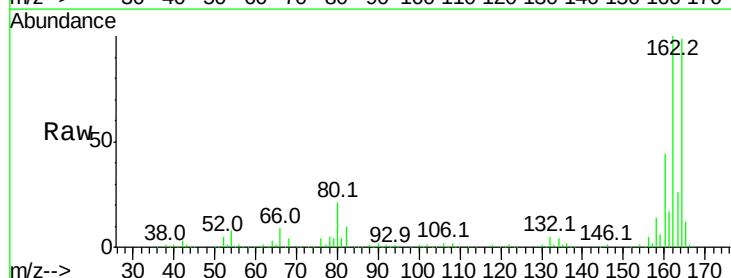
Instrument :
 BNA_F
 ClientSampleId :

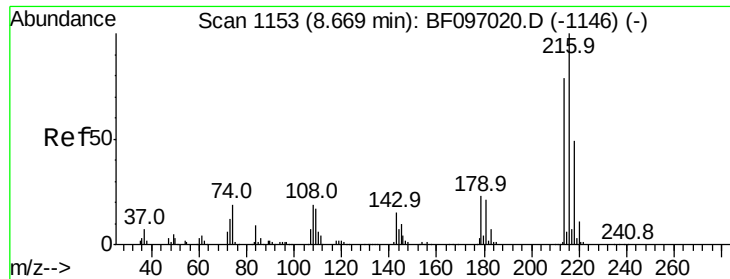
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.3	106.9
115	32.8	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.53 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.6	123.8
160	44.8	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.184 ng

RT: 8.66 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 223754

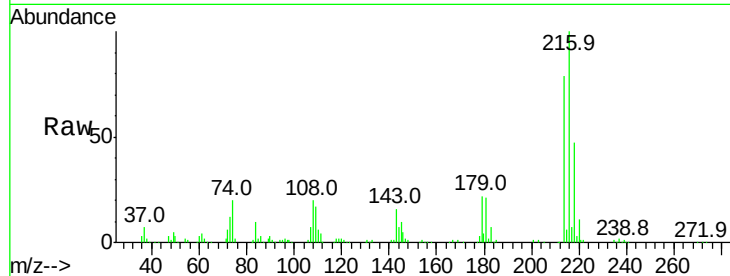
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.2

179 22.7 17.9 26.9

108 22.3 16.5 24.7

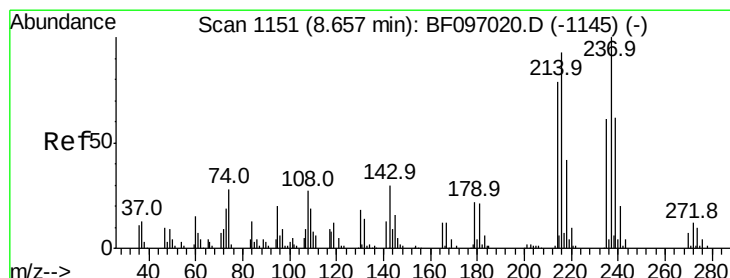
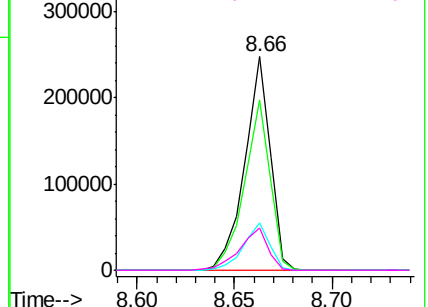
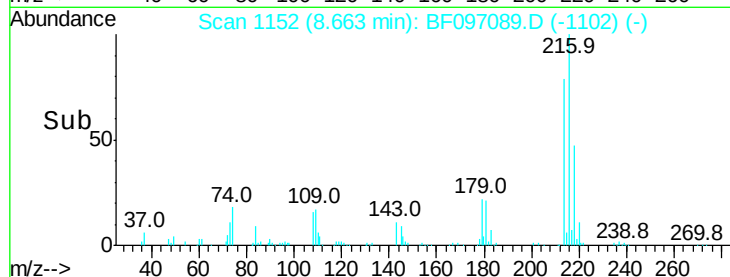


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.810 ng

RT: 8.65 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

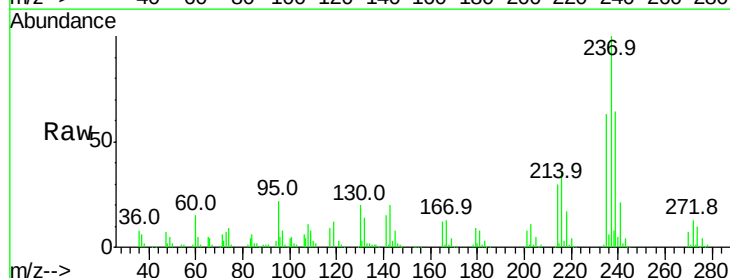
Tgt Ion:237 Resp: 163507

Ion Ratio Lower Upper

237 100

235 63.4 42.6 82.6

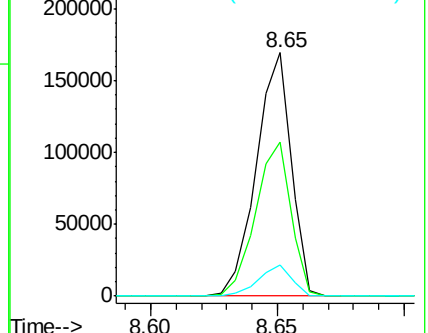
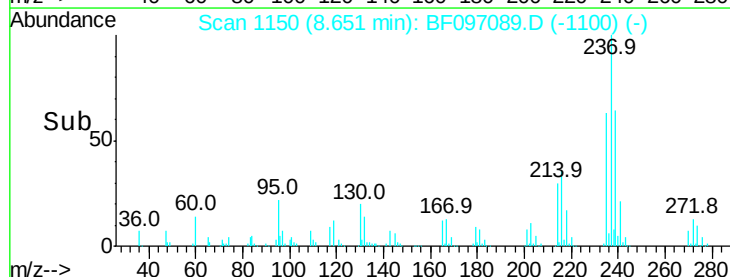
272 12.5 0.0 31.9

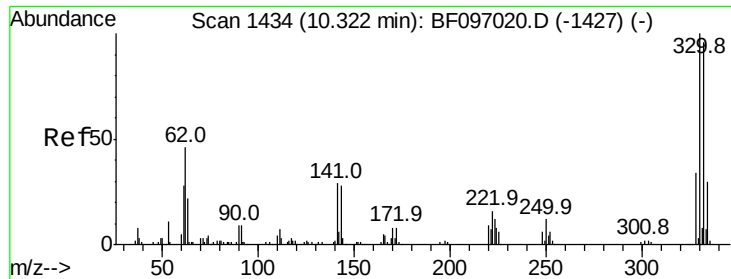


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

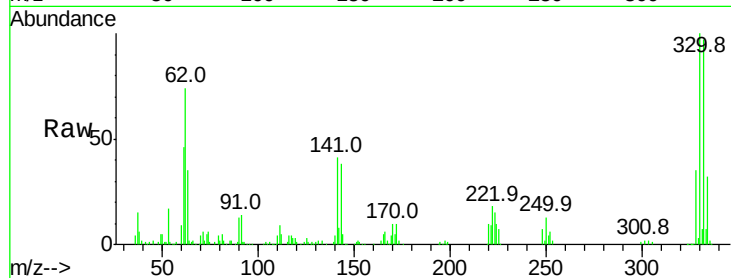




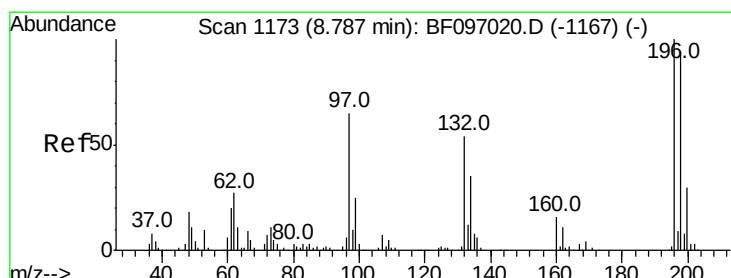
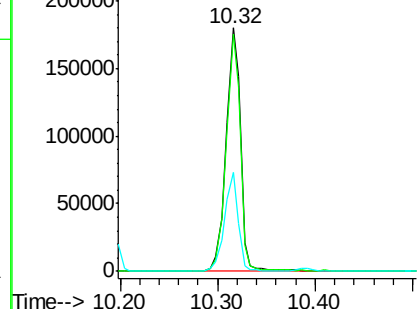
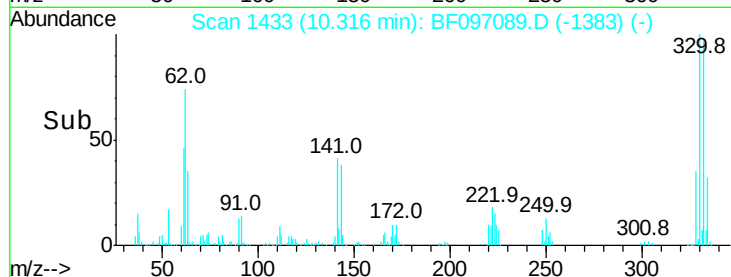
#41
 2,4,6-Tribromophenol
 Concen: 107.428 ng
 RT: 10.32 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	38.4	31.4	47.2

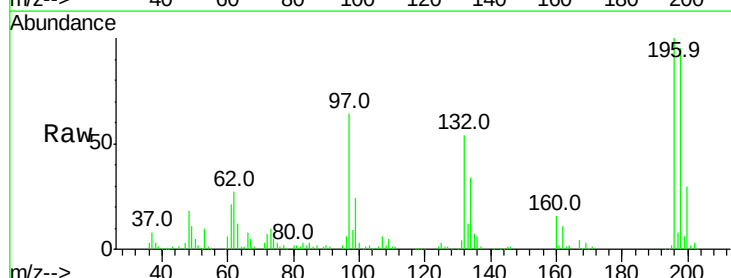


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

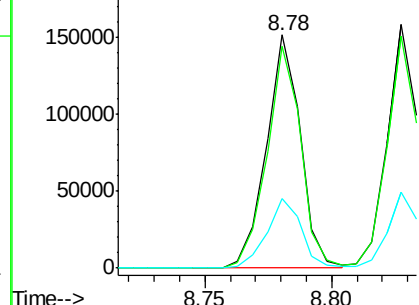
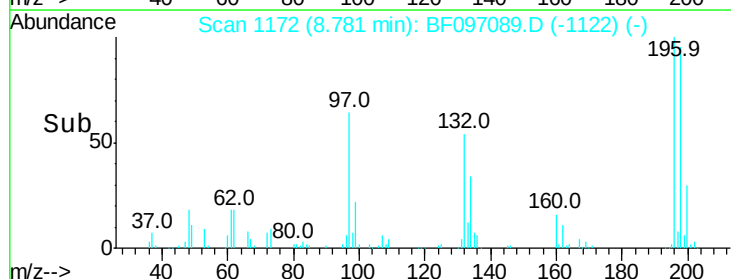


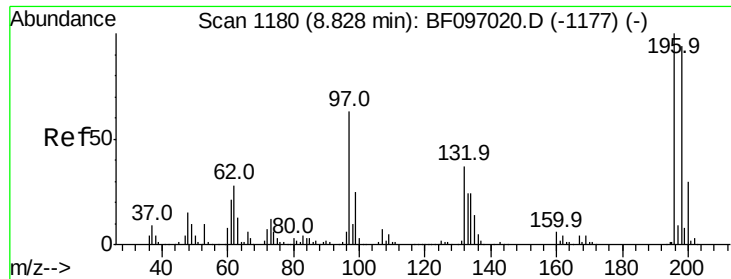
#42
 2,4,6-Trichlorophenol
 Concen: 33.746 ng
 RT: 8.78 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	74.2	111.4
200	29.9	24.0	36.0



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

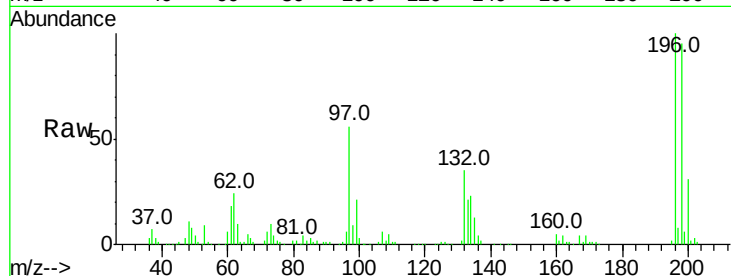




#43
 2,4,5-Trichlorophenol
 Concen: 34.240 ng
 RT: 8.83 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.7	113.5
97	56.0	47.7	71.5
132	34.6	28.0	42.0



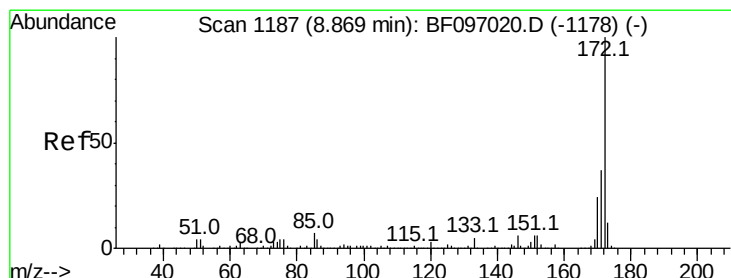
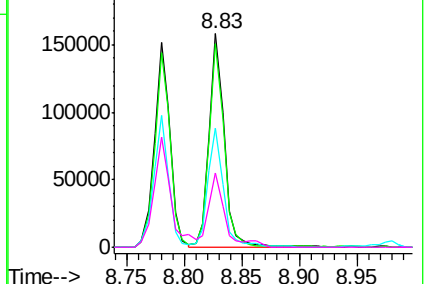
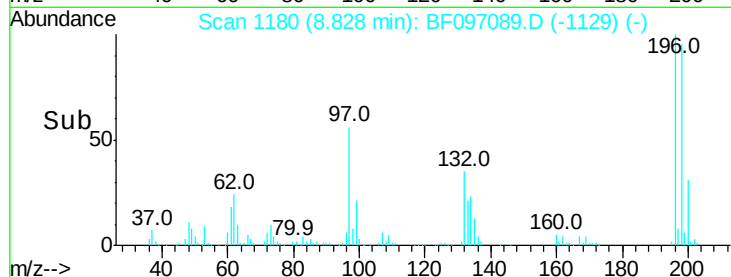
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

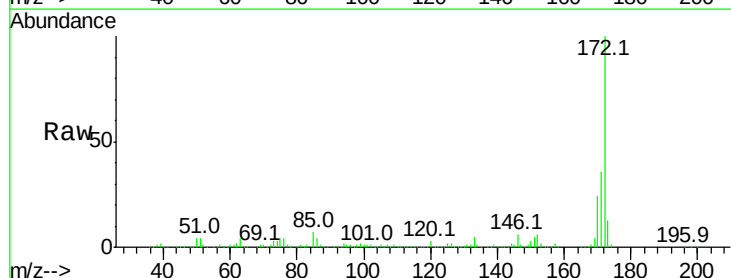
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.828 ng
 RT: 8.86 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.2	19.8	29.8

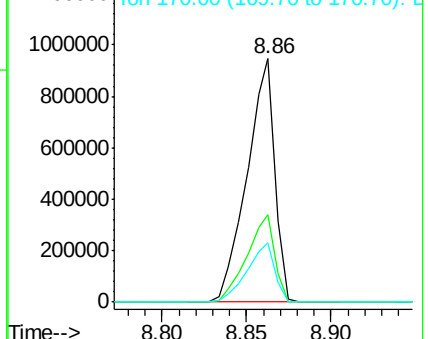
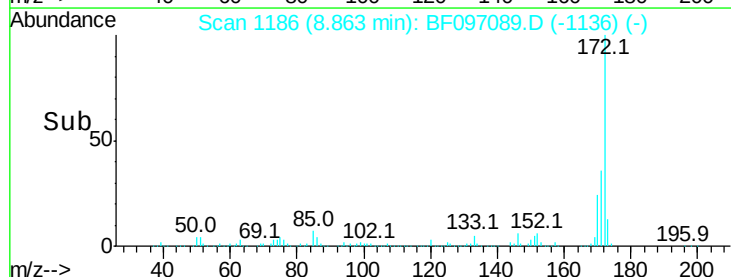


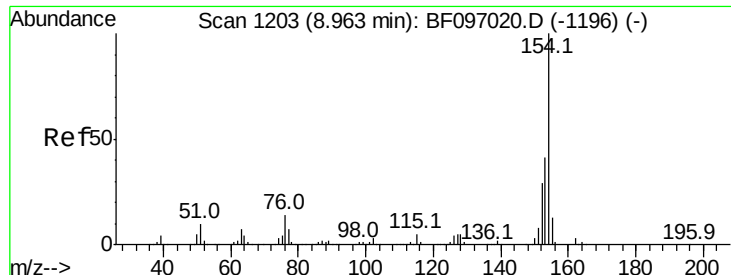
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.278 ng

RT: 8.96 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

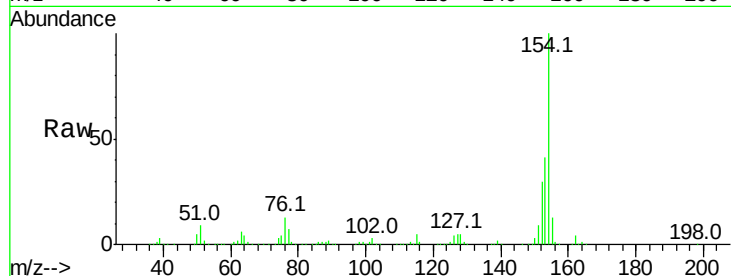
Tot Ion:154 Resp: 699277

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

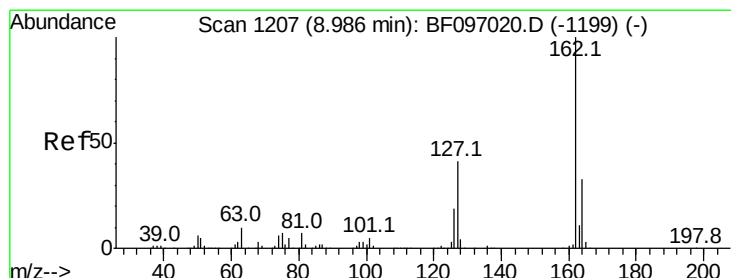
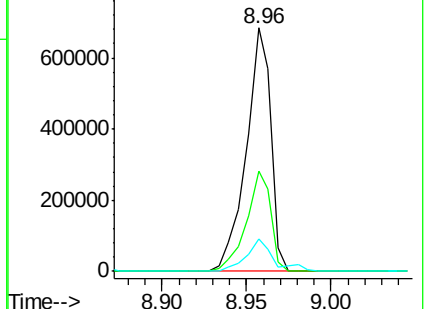
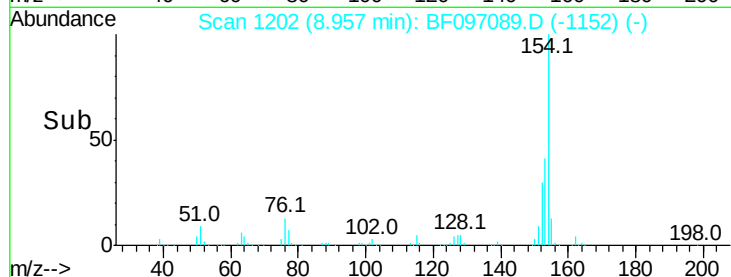
76 13.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.577 ng

RT: 8.98 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

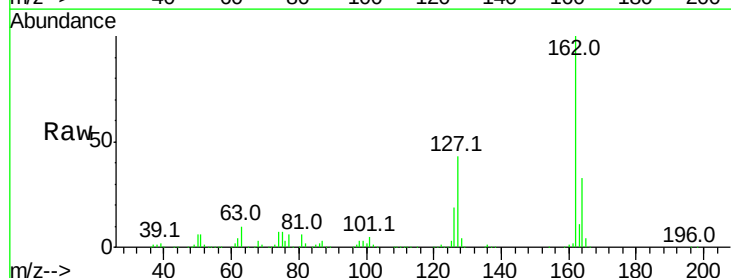
Tgt Ion:162 Resp: 546314

Ion Ratio Lower Upper

162 100

127 43.1 28.3 42.5#

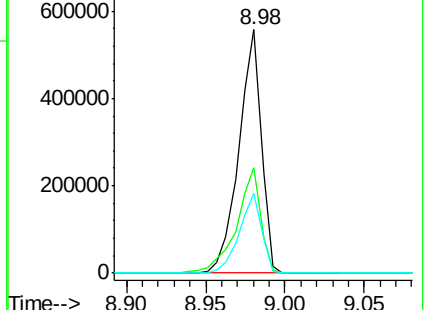
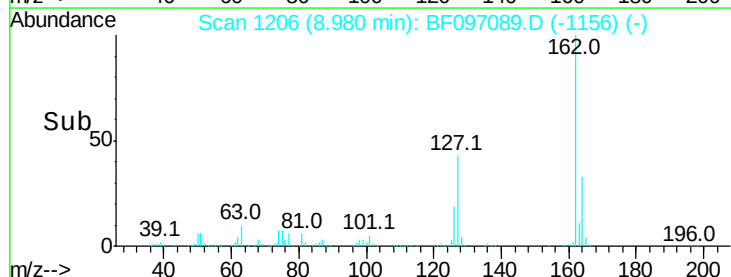
164 32.9 27.0 40.4

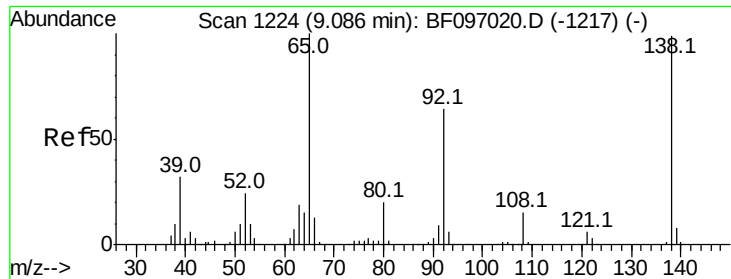


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

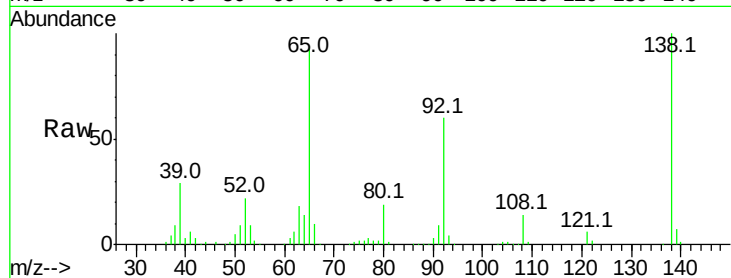




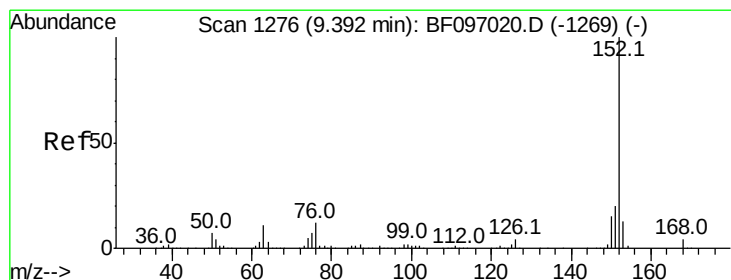
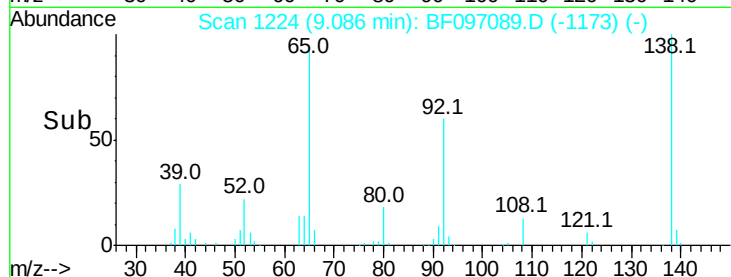
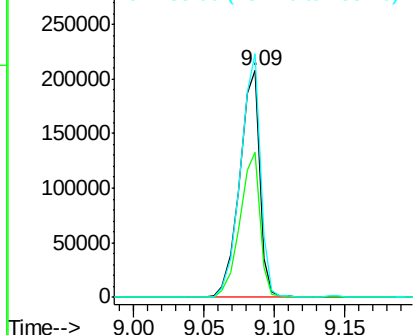
#47
2-Nitroaniline
Concen: 41.336 ng
RT: 9.09 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Instrument :
BNA_F
ClientSampled :

Tot Ion: 65 Resp: 207082
Ion Ratio Lower Upper
65 100
92 64.2 53.9 80.9
138 107.6 78.8 118.2

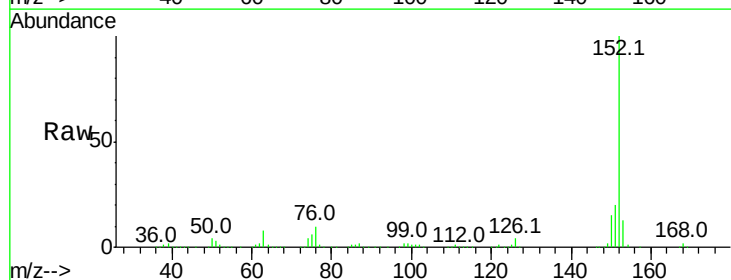


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

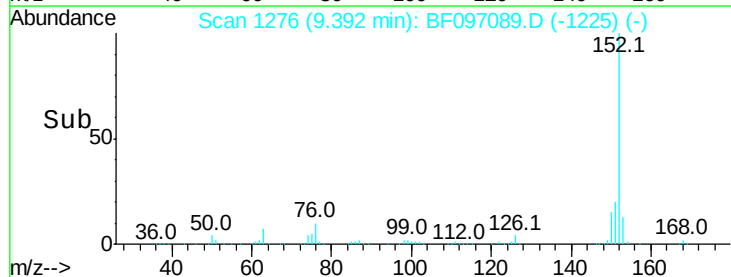
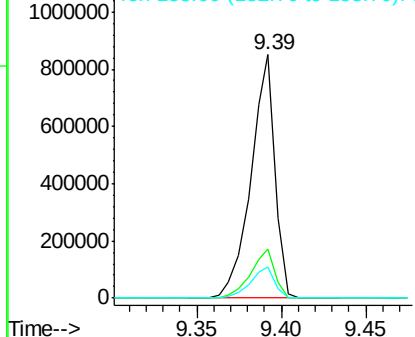


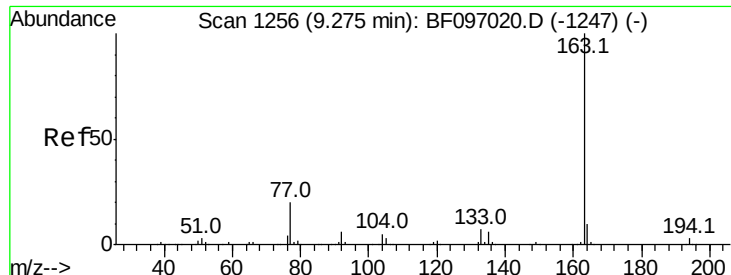
#48
Acenaphthylene
Concen: 39.796 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion: 152 Resp: 843198
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

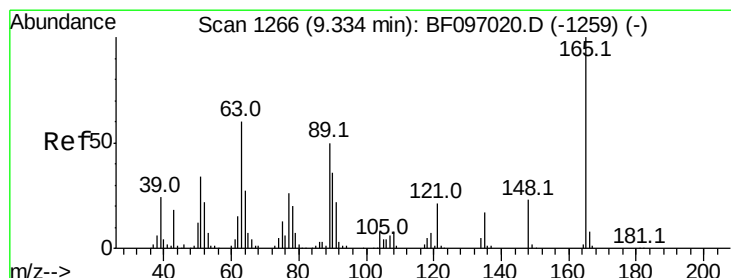
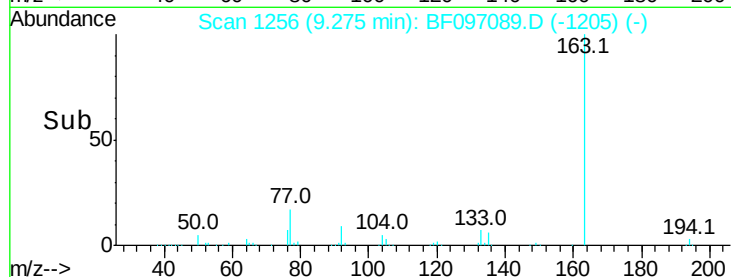
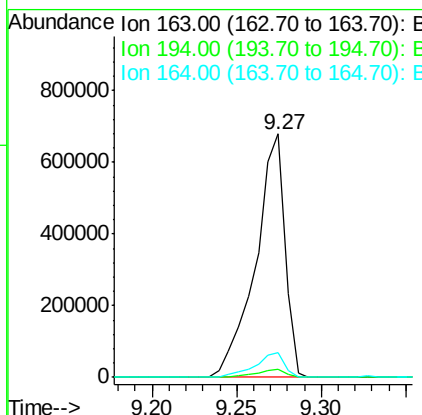
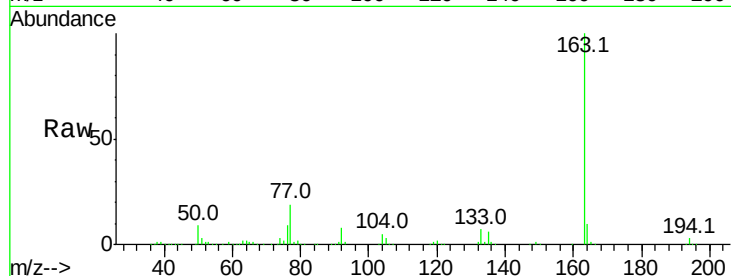




#49
Dimethylphthalate
Concen: 49.419 ng
RT: 9.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

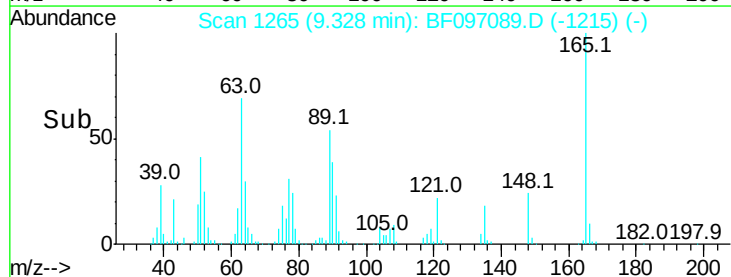
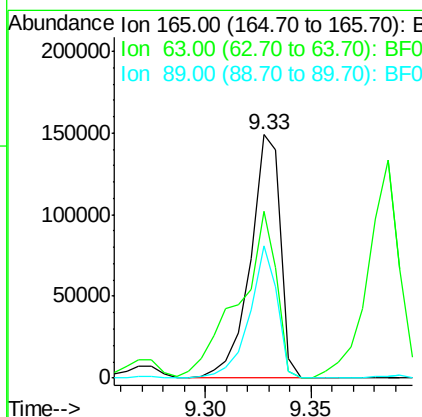
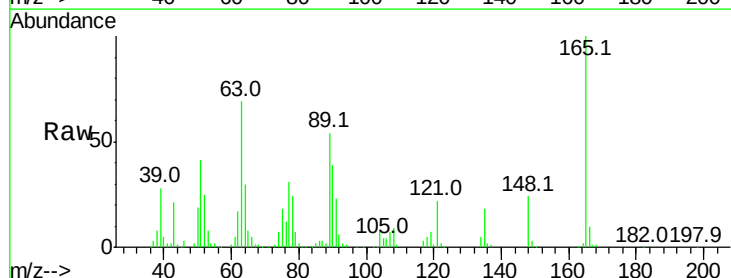
Instrument :
BNA_F
ClientSampleId :

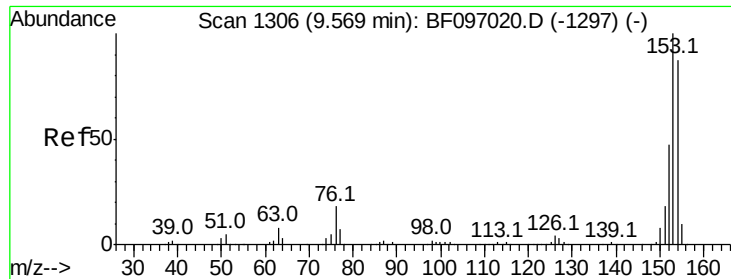
Tot Ion:163 Resp: 824179
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 41.748 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion:165 Resp: 147670
Ion Ratio Lower Upper
165 100
63 68.7 34.3 51.5#
89 54.4 37.1 55.7

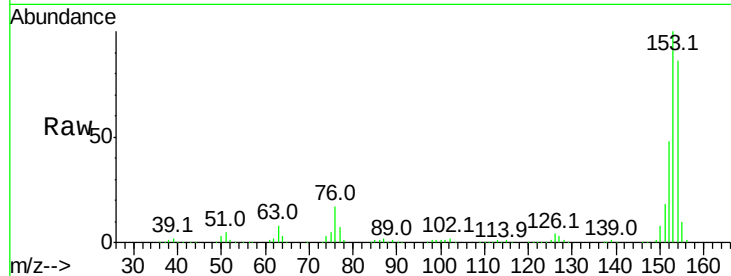




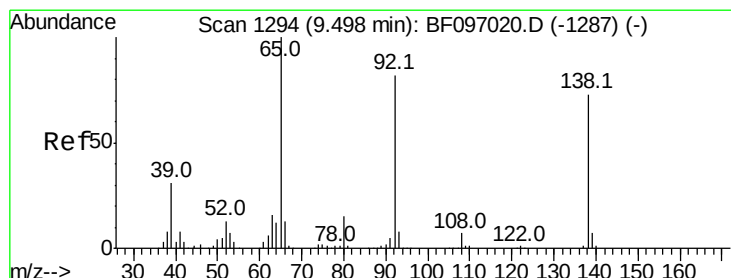
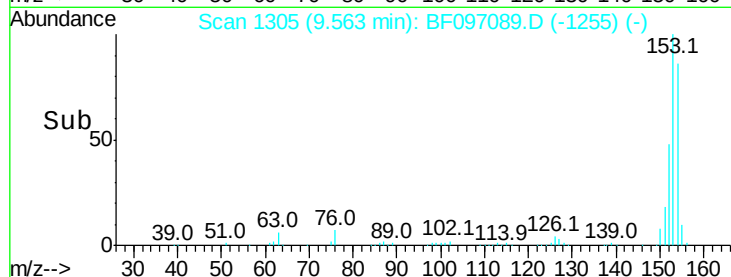
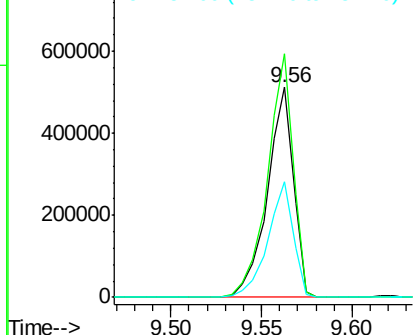
#51
Acenaphthene
Concen: 40.852 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 509854
Ion Ratio Lower Upper
154 100
153 115.9 90.5 135.7
152 55.2 43.6 65.4

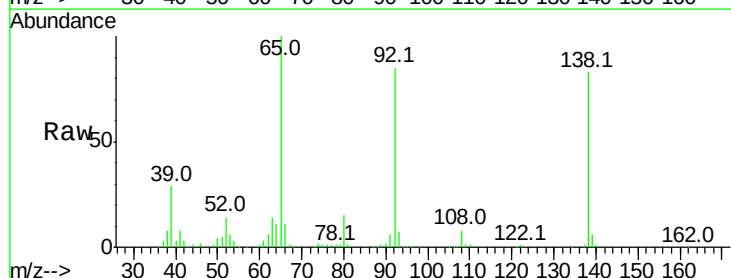


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

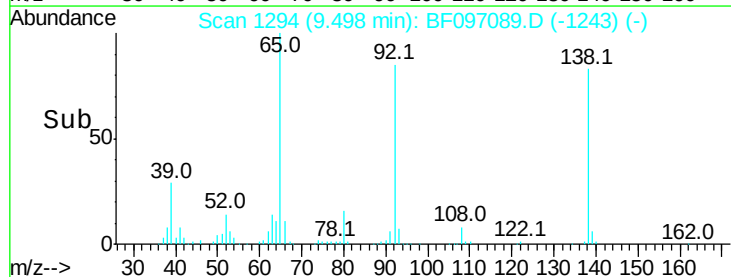
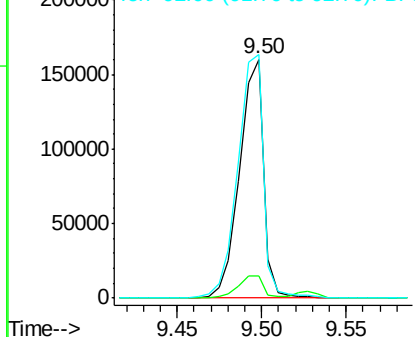


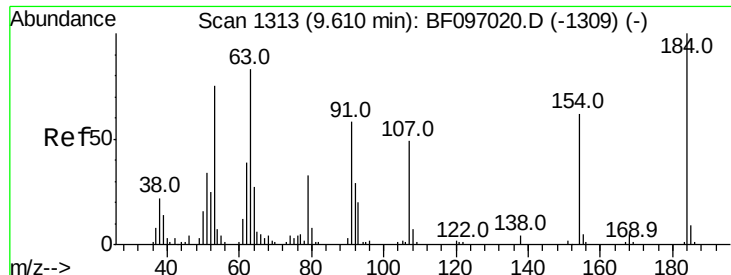
#52
3-Nitroaniline
Concen: 36.266 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion:138 Resp: 159224
Ion Ratio Lower Upper
138 100
108 9.5 9.1 13.7
92 102.1 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

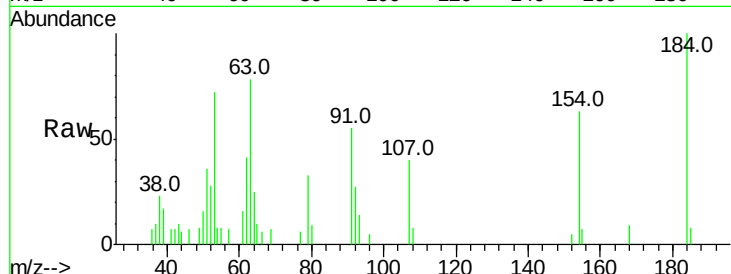




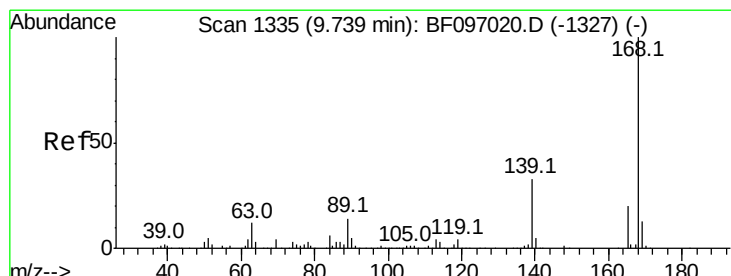
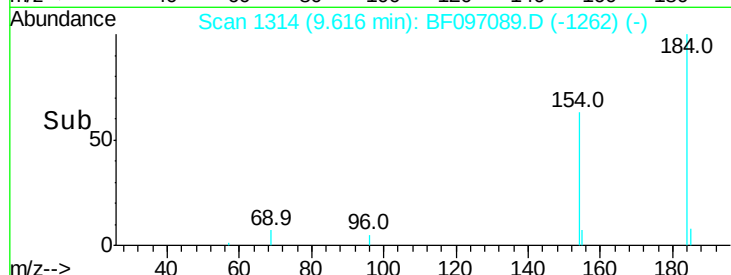
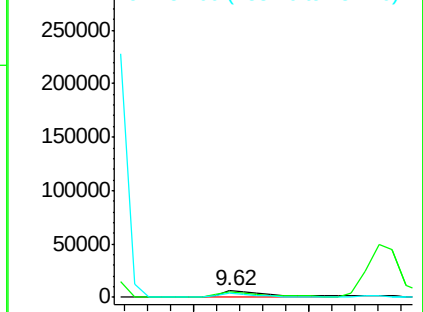
#53
 2,4-Dinitrophenol
 Concen: 5.838 ng
 RT: 9.62 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 9389
 Ion Ratio Lower Upper
 184 100
 63 78.3 62.7 94.1
 154 63.0 81.1 121.7#

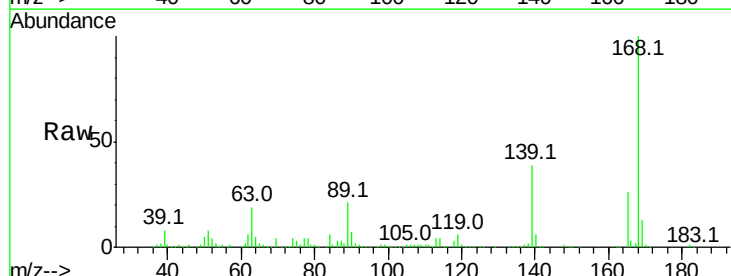


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

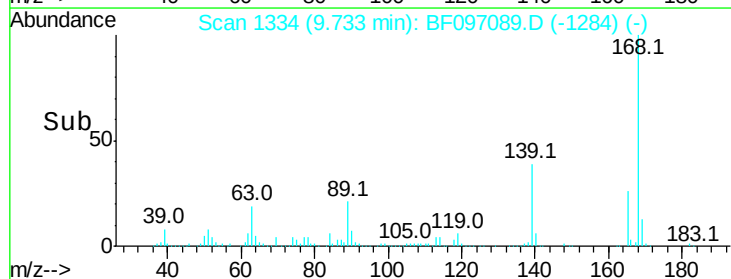
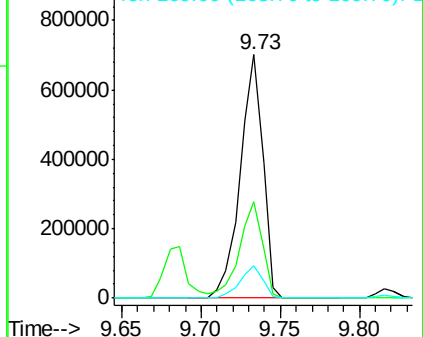


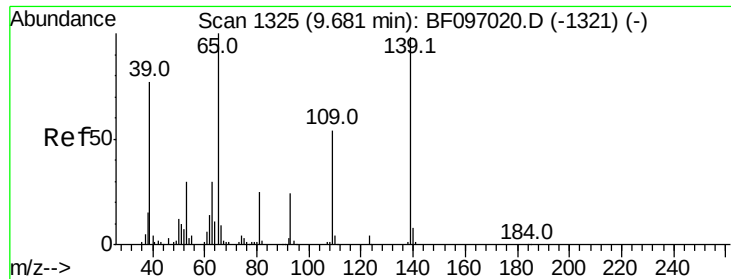
#54
 Dibenzofuran
 Concen: 41.581 ng
 RT: 9.73 min Scan# 1334
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:168 Resp: 691238
 Ion Ratio Lower Upper
 168 100
 139 39.5 30.6 45.8
 169 13.3 10.8 16.2



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

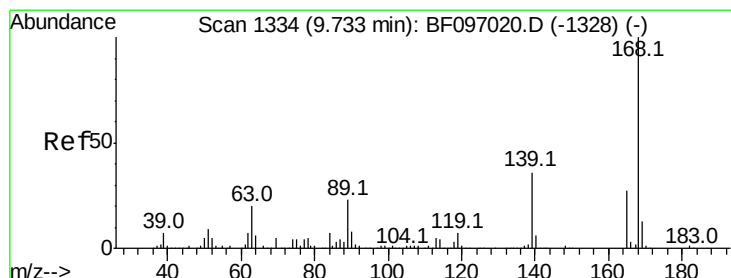
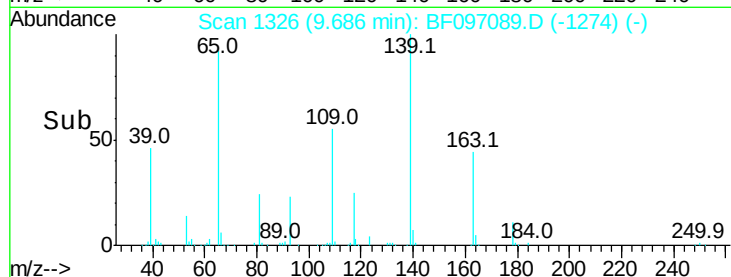
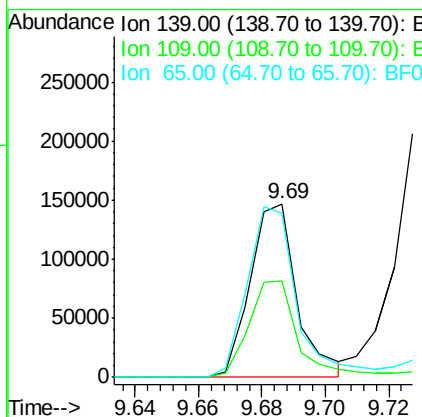
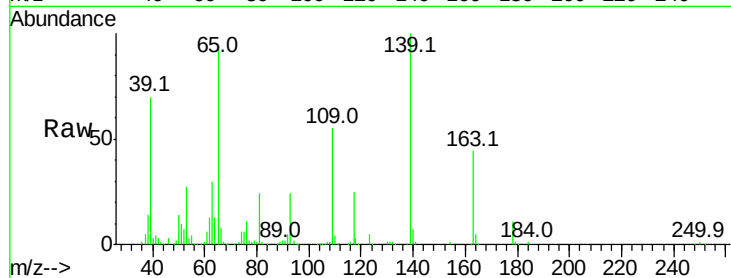




#55
4-Nitrophenol
Concen: 57.561 ng
RT: 9.69 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

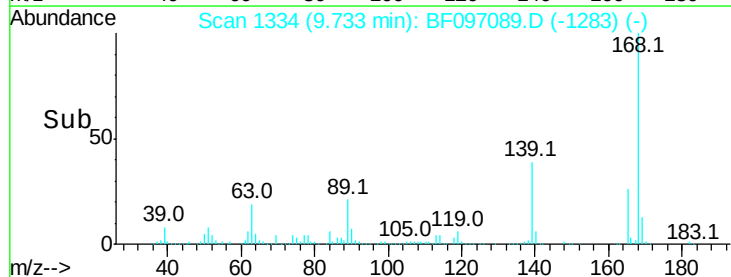
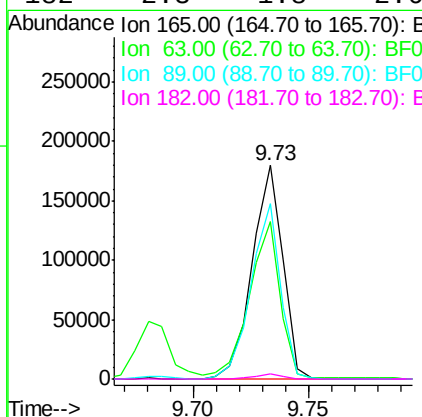
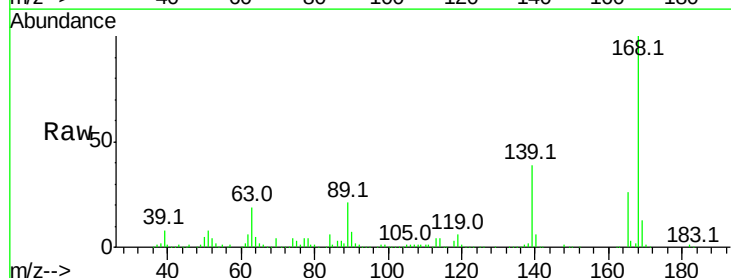
Instrument :
BNA_F
ClientSampled :

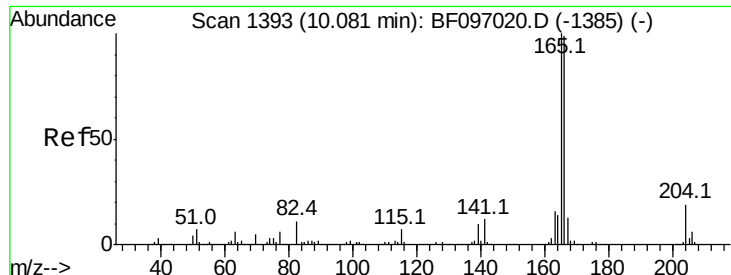
Tot Ion:139 Resp: 150289
Ion Ratio Lower Upper
139 100
109 55.4 34.1 74.1
65 94.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.993 ng
RT: 9.73 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion:165 Resp: 166687
Ion Ratio Lower Upper
165 100
63 73.6 25.4 38.0#
89 82.2 46.4 69.6#
182 2.3 1.8 2.6

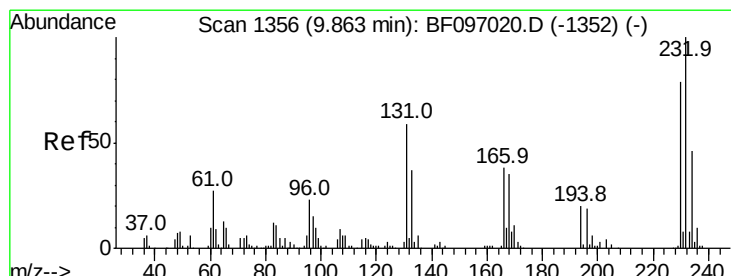
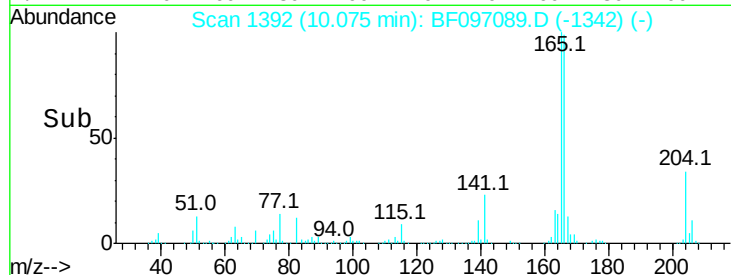
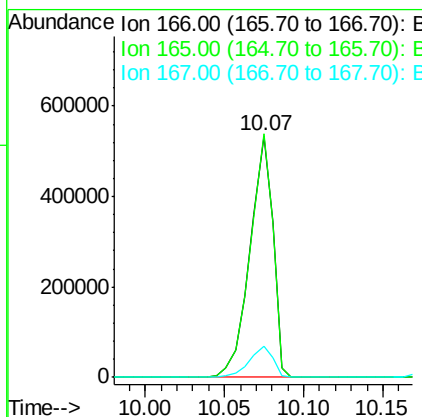
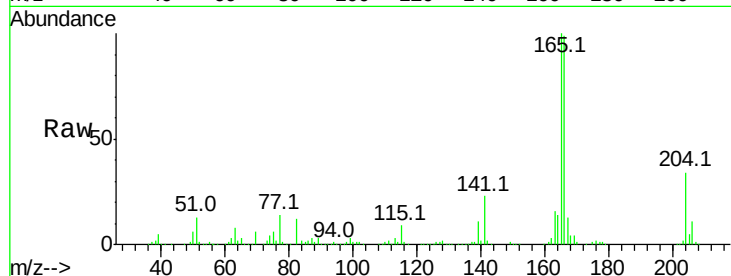




#57
 Fluorene
 Concen: 43.116 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

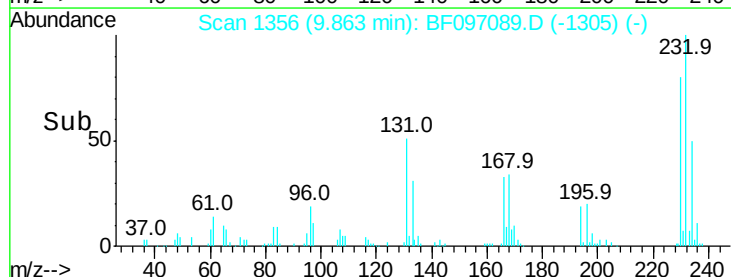
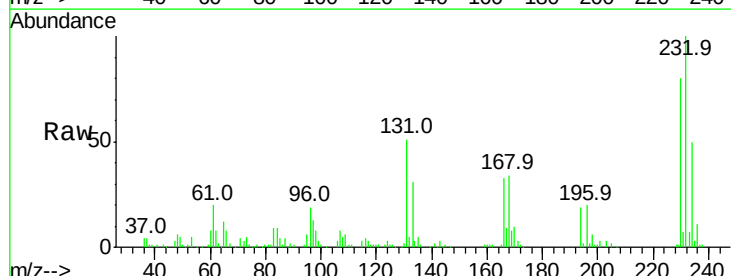
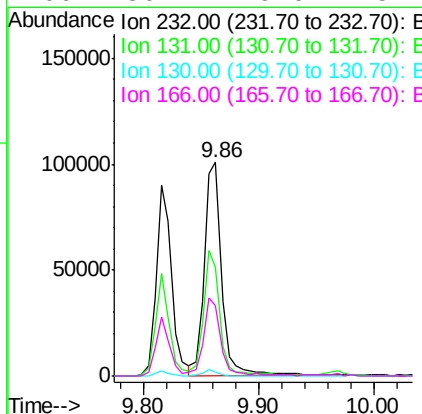
Instrument :
 BNA_F
 ClientSampleId :

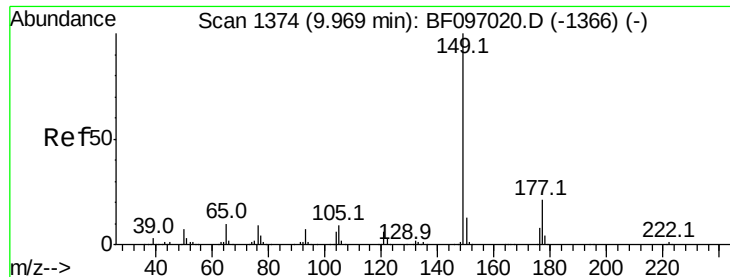
Tot Ion:166 Resp: 538710
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.8 118.2
 167 12.9 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.045 ng
 RT: 9.86 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:232 Resp: 105784
 Ion Ratio Lower Upper
 232 100
 131 56.2 44.8 67.2
 130 2.4 2.3 3.5
 166 36.7 29.0 43.4

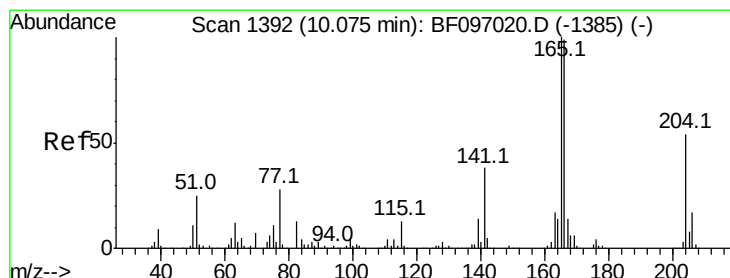
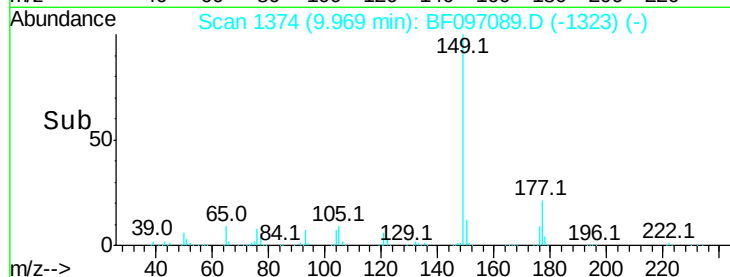
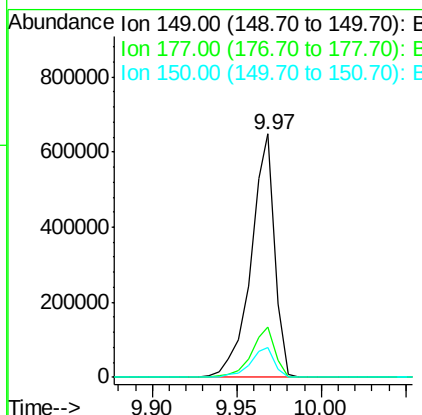
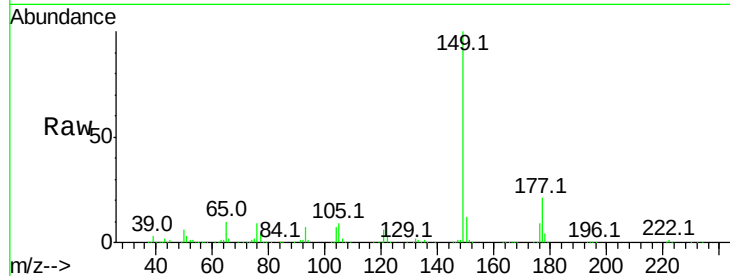




#59
Diethylphthalate
Concen: 41.348 ng
RT: 9.97 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

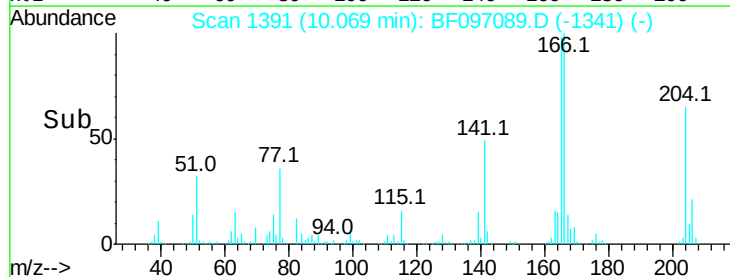
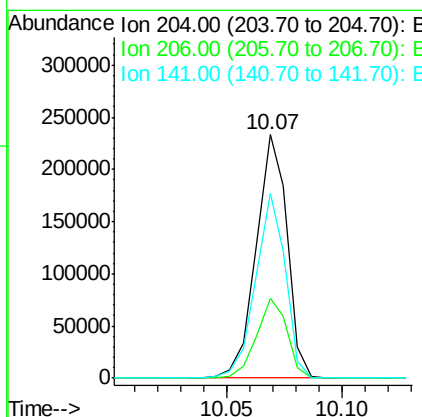
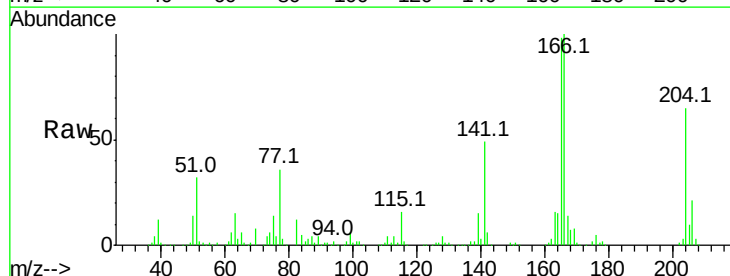
Instrument :
BNA_F
ClientSampleId :

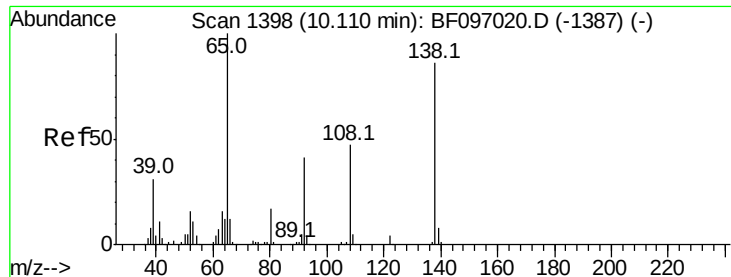
Tot Ion:149 Resp: 632639
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.5 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.312 ng
RT: 10.07 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion:204 Resp: 218304
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 76.1 60.8 91.2

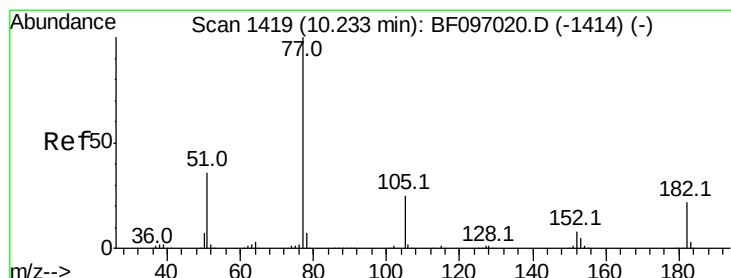
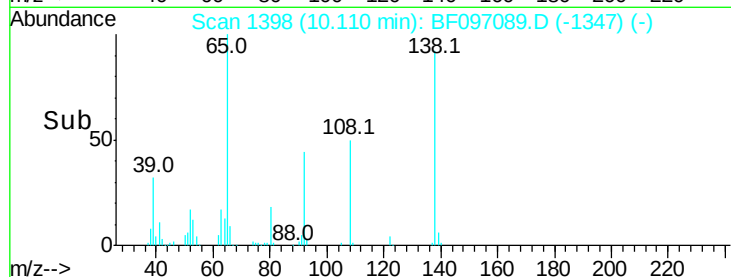
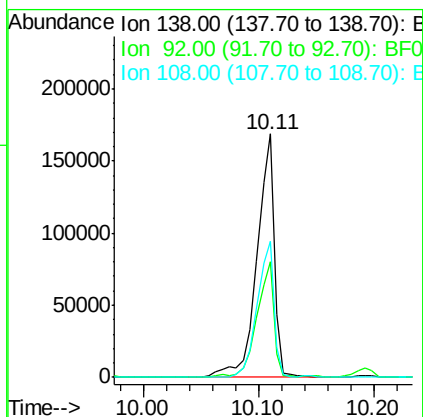
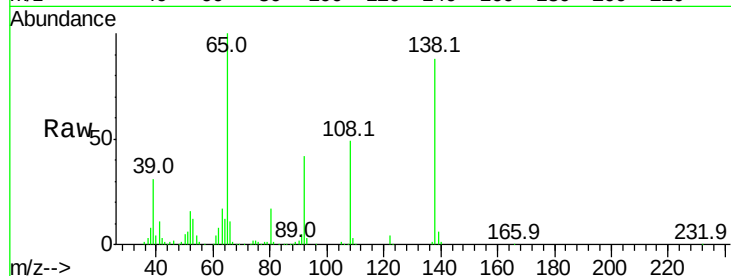




#61
4-Nitroaniline
Concen: 42.916 ng
RT: 10.11 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

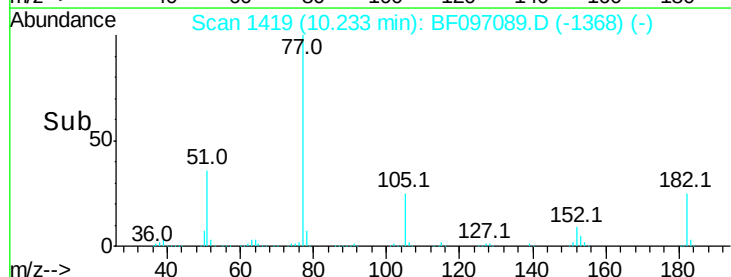
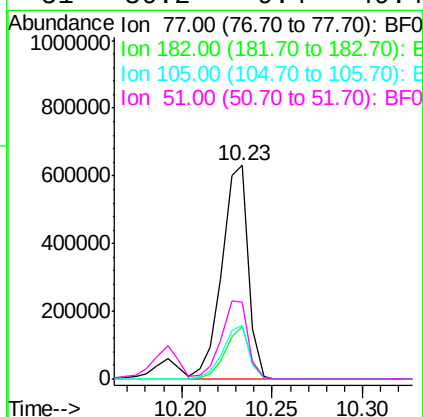
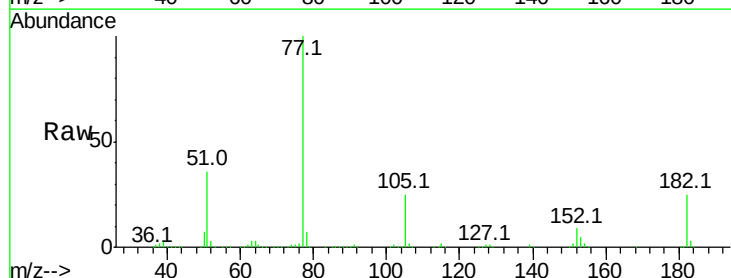
Instrument :
BNA_F
ClientSampled :

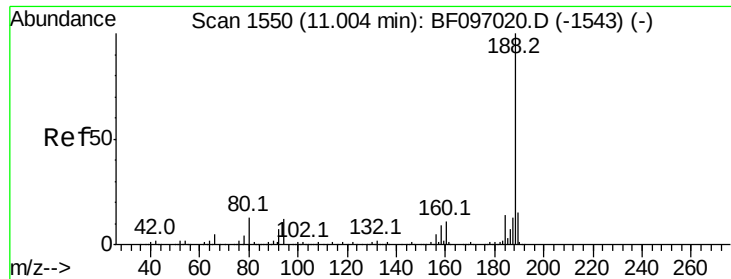
Tot Ion:138 Resp: 179036
Ion Ratio Lower Upper
138 100
92 47.3 21.8 61.8
108 55.7 42.3 82.3



#62
Azobenzene
Concen: 45.035 ng
RT: 10.23 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion: 77 Resp: 639230
Ion Ratio Lower Upper
77 100
182 24.9 0.1 40.1
105 24.9 3.6 43.6
51 36.2 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.00 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

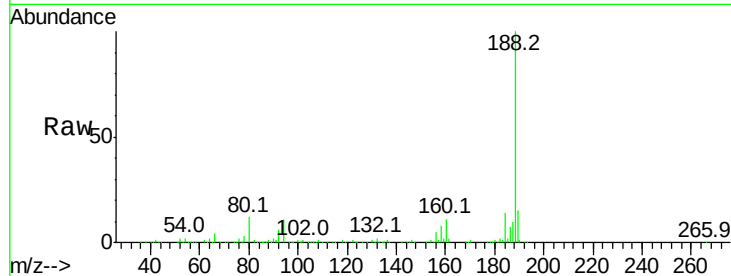
Tot Ion:188 Resp: 337237

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

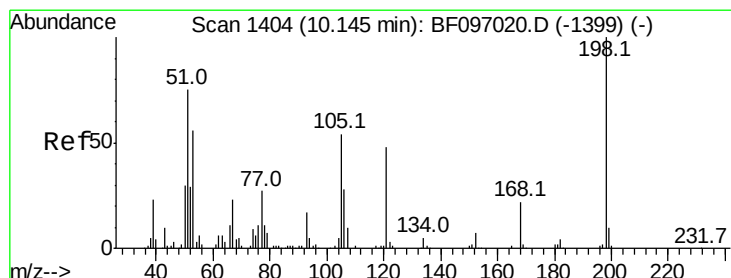
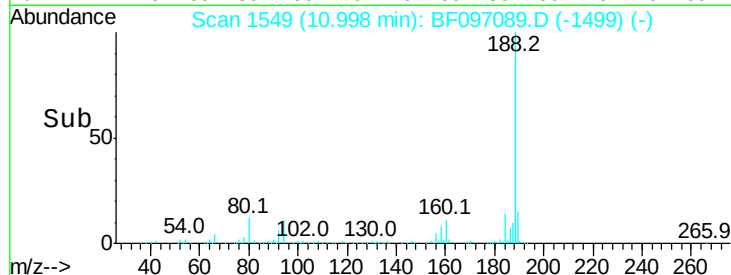
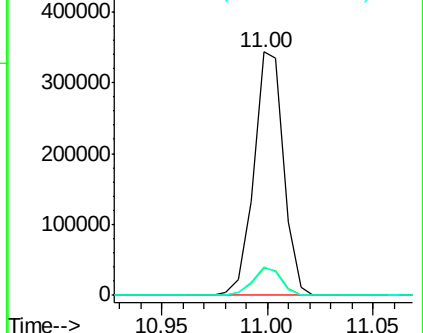
80 11.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 21.476 ng

RT: 10.15 min Scan# 1404

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

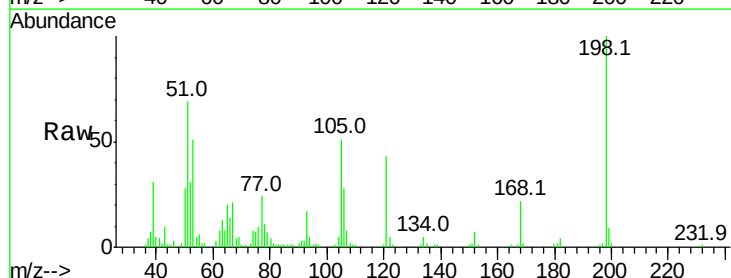
Tgt Ion:198 Resp: 45004

Ion Ratio Lower Upper

198 100

51 68.8 53.2 93.2

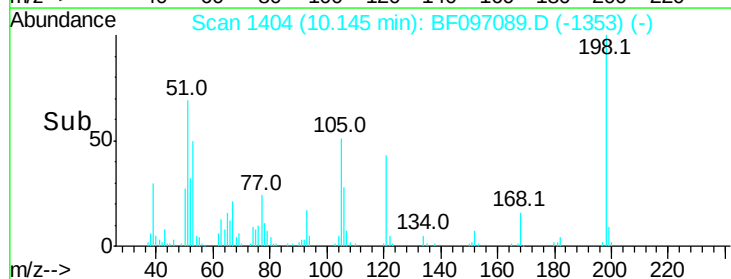
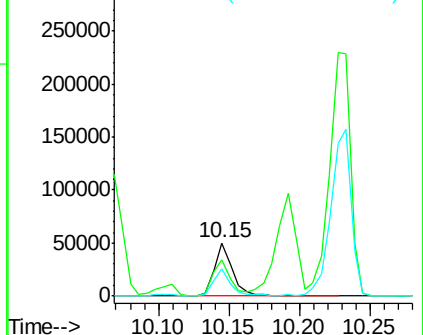
105 50.8 45.8 85.8

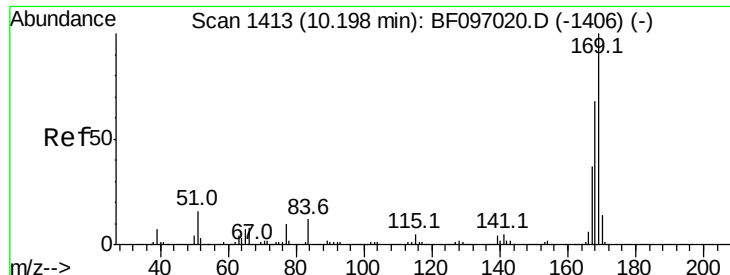


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

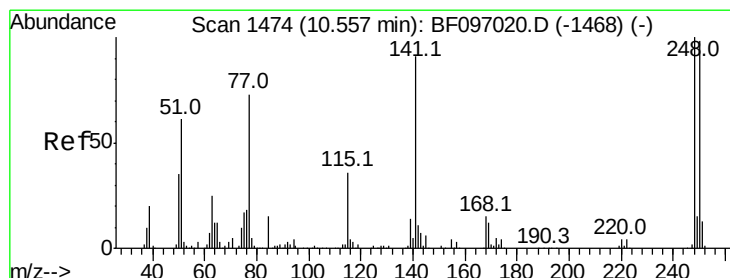
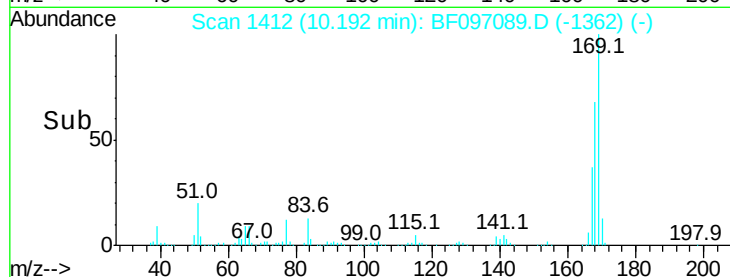
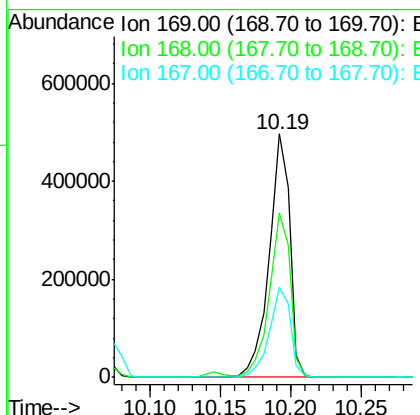
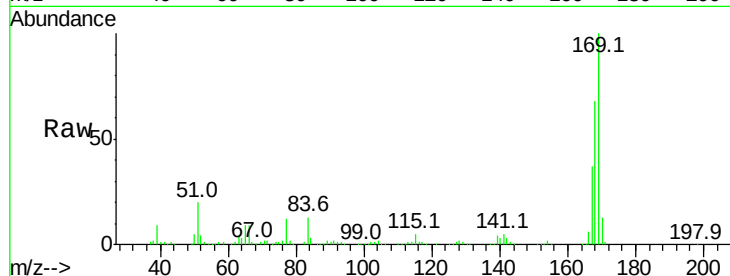




#65
 n-Nitrosodiphenylamine
 Concen: 43.281 ng
 RT: 10.19 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

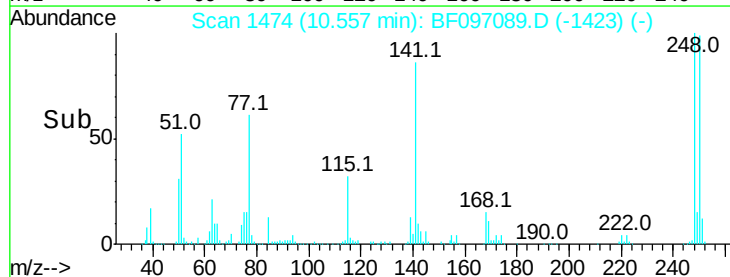
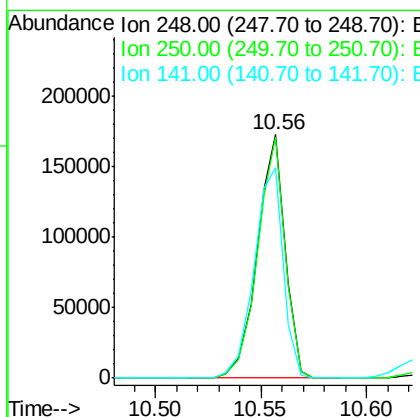
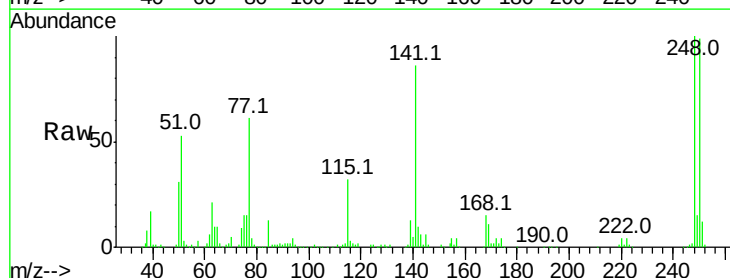
Instrument :
 BNA_F
 ClientSampleId :

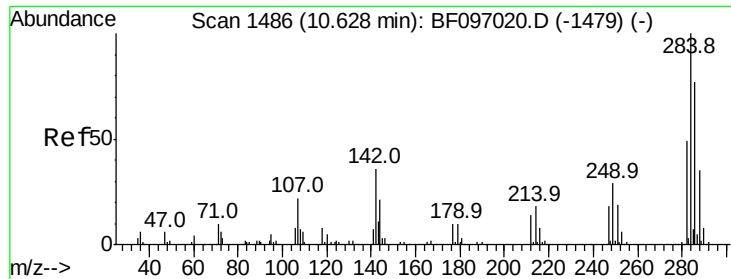
Tot Ion:169 Resp: 507848
 Ion Ratio Lower Upper
 169 100
 168 67.7 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 47.028 ng
 RT: 10.56 min Scan# 1474
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:248 Resp: 158275
 Ion Ratio Lower Upper
 248 100
 250 98.8 76.8 115.2
 141 86.4 68.6 103.0

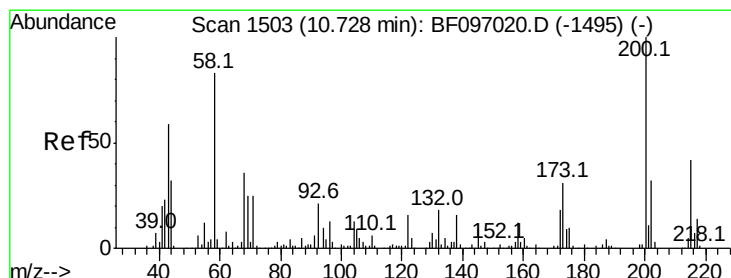
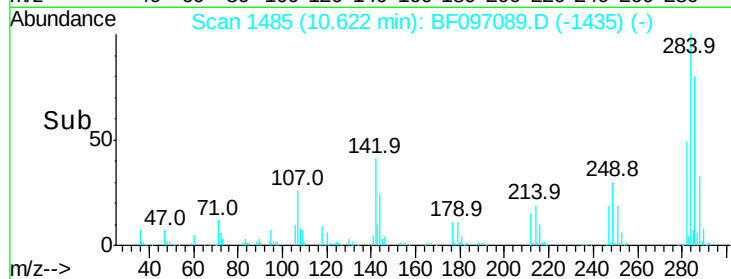
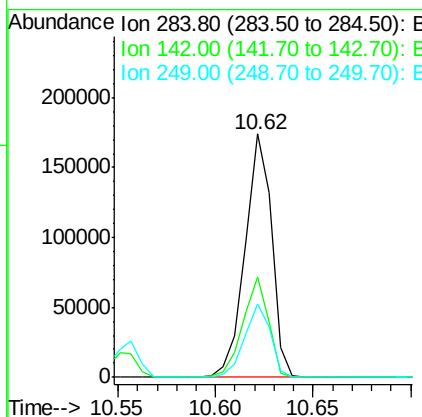
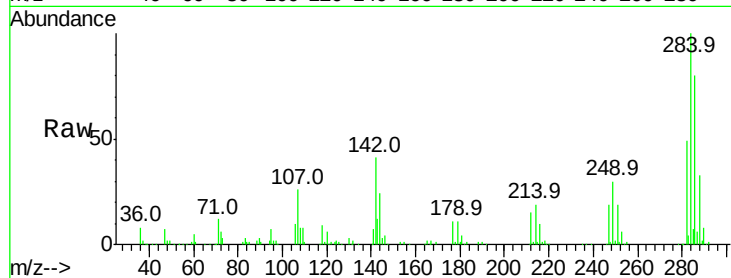




#67
Hexachlorobenzene
Concen: 43.594 ng
RT: 10.62 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

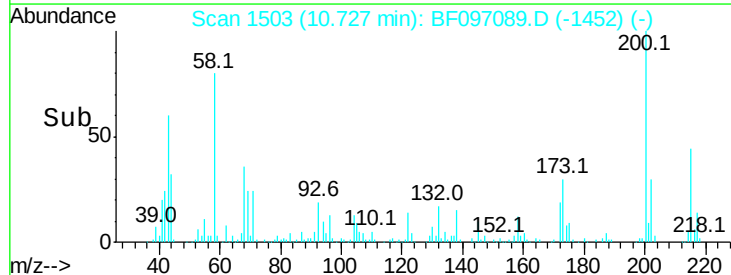
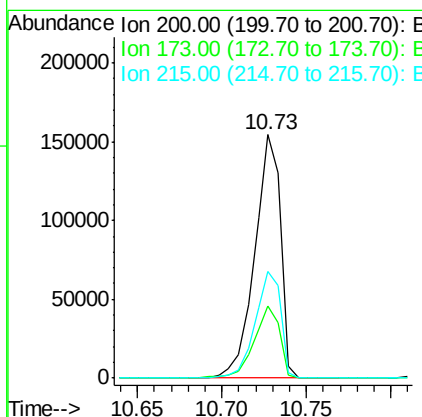
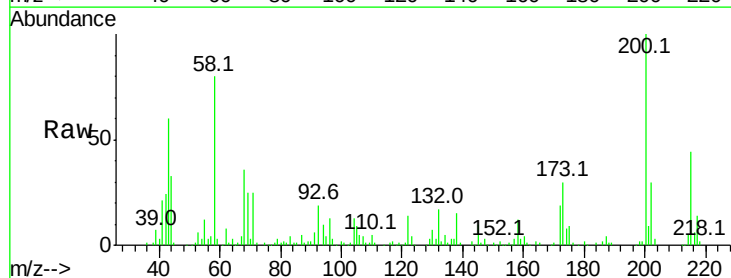
Instrument :
BNA_F
ClientSampleId :

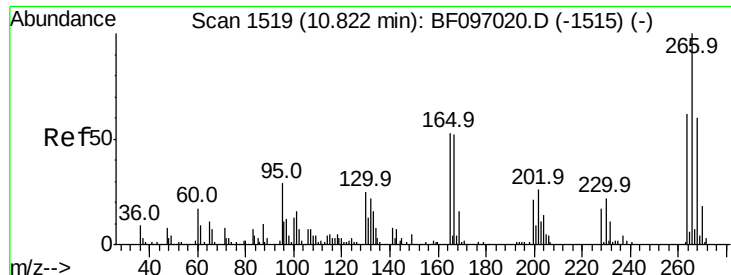
Tot Ion:284 Resp: 164526
Ion Ratio Lower Upper
284 100
142 41.4 22.8 34.2#
249 30.3 24.0 36.0



#68
Atrazine
Concen: 48.739 ng
RT: 10.73 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion:200 Resp: 163993
Ion Ratio Lower Upper
200 100
173 29.8 6.3 46.3
215 43.7 27.2 67.2

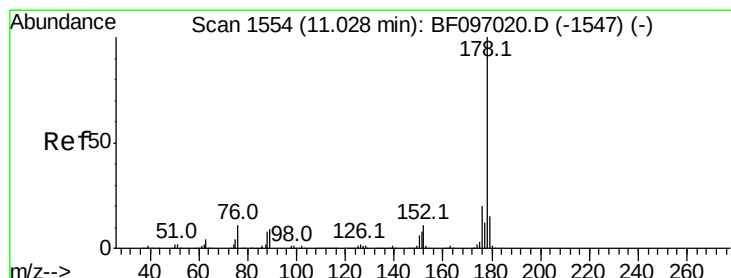
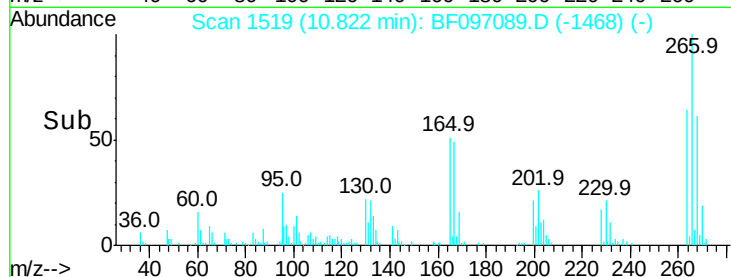
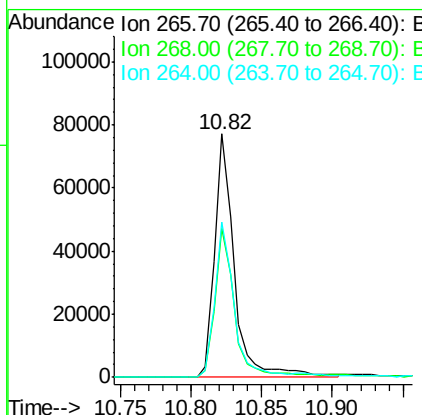
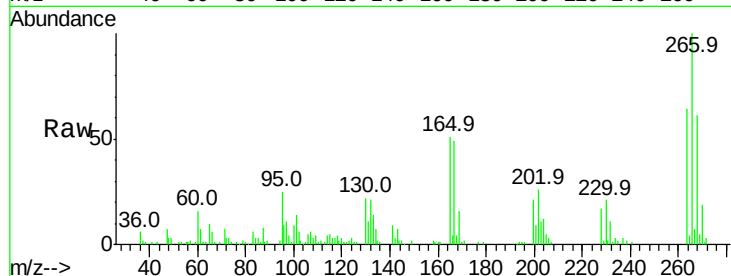




#69
 Pentachlorophenol
 Concen: 48.218 ng
 RT: 10.82 min Scan# 1519
 Delta R.T. 0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

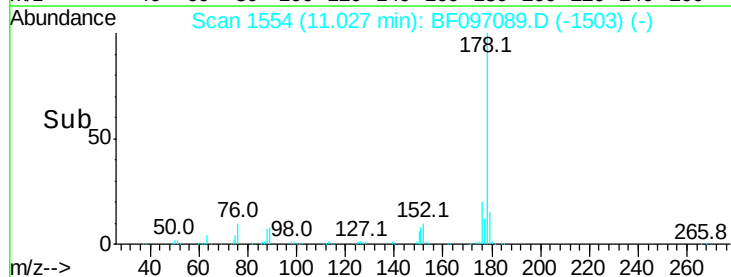
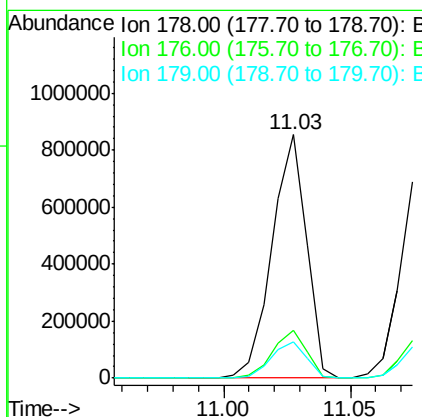
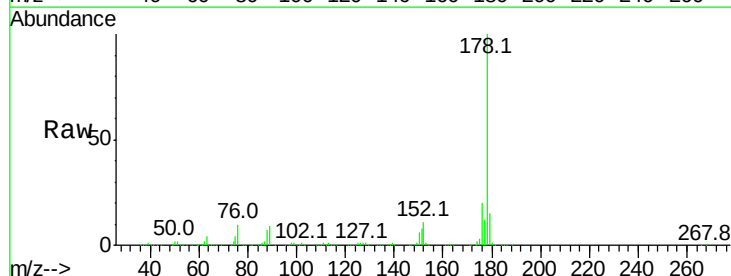
Instrument :
 BNA_F
 ClientSampleId :

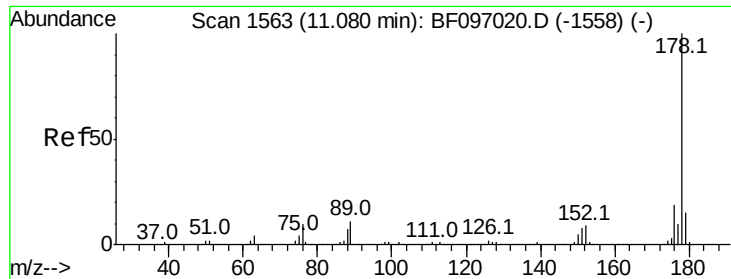
Tot Ion:266 Resp: 75295
 Ion Ratio Lower Upper
 266 100
 268 61.3 51.1 76.7
 264 63.7 51.7 77.5



#70
 Phenanthrene
 Concen: 45.035 ng
 RT: 11.03 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:178 Resp: 813754
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 14.7 12.6 19.0

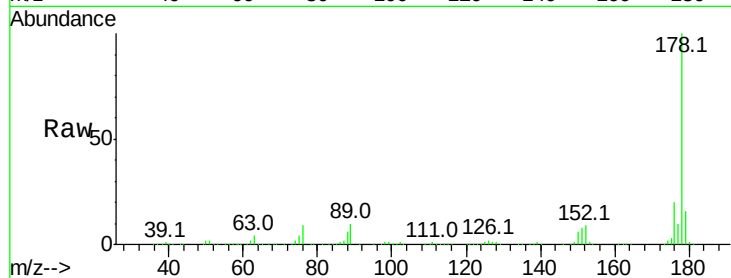




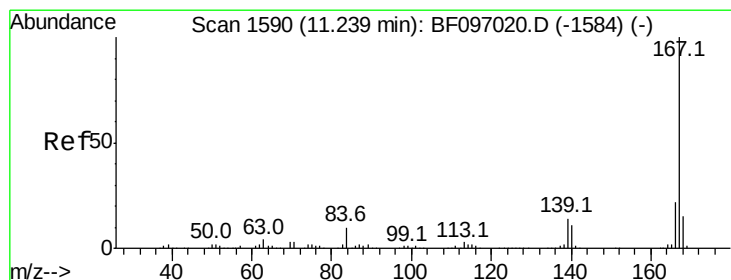
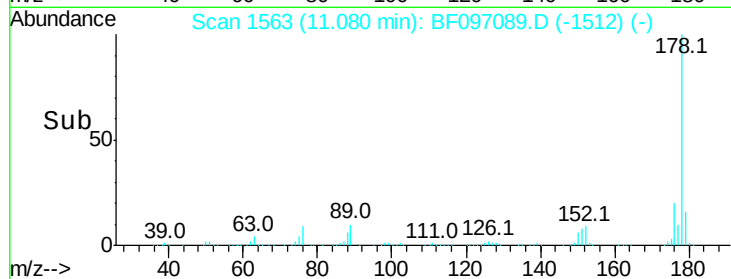
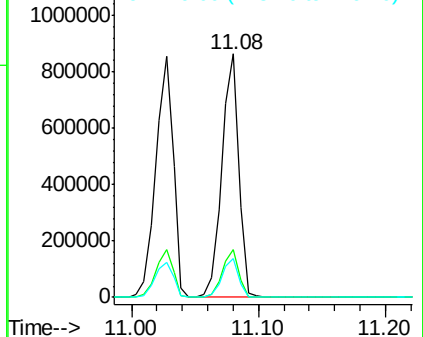
#71
 Anthracene
 Concen: 43.740 ng
 RT: 11.08 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 809486
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.8 12.7 19.1

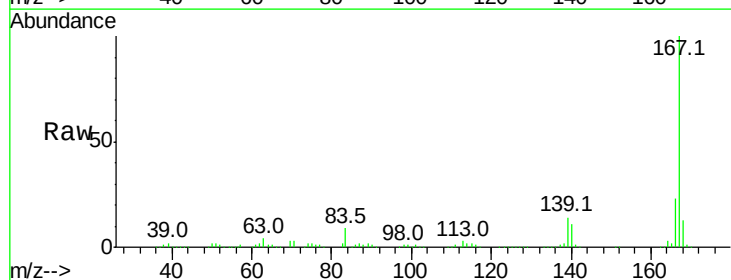


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

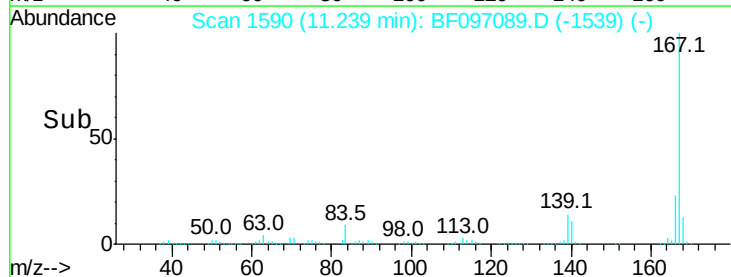
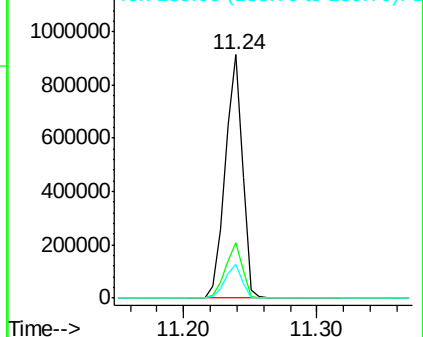


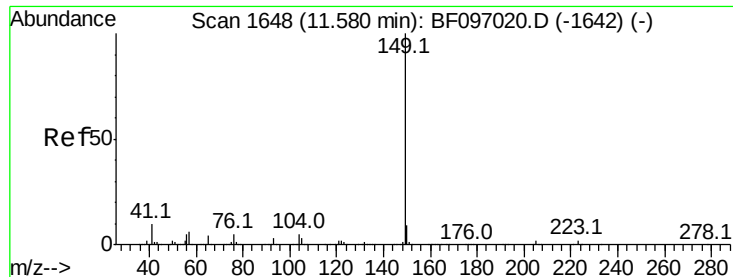
#72
 Carbazole
 Concen: 46.039 ng
 RT: 11.24 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:167 Resp: 837966
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.1 27.1
 139 14.0 11.7 17.5



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





#73

Di-n-butylphthalate

Concen: 46.809 ng

RT: 11.58 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

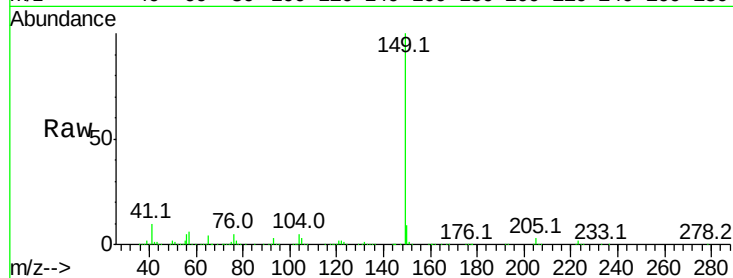
Tot Ion:149 Resp: 1053139

Ion Ratio Lower Upper

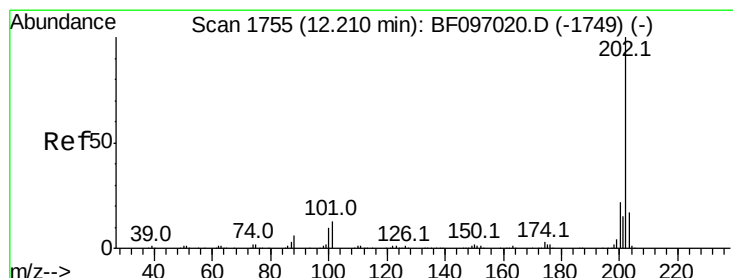
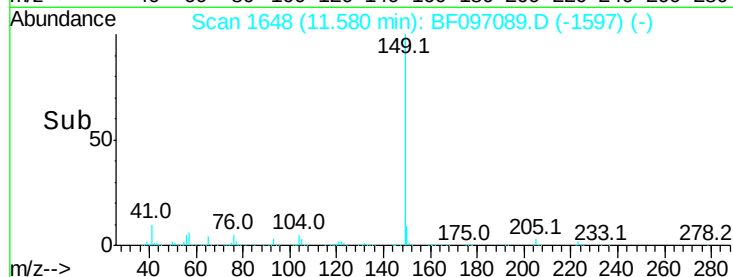
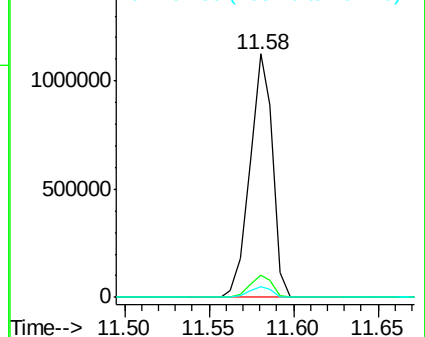
149 100

150 9.3 7.7 11.5

104 4.5 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: 44.678 ng

RT: 12.21 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

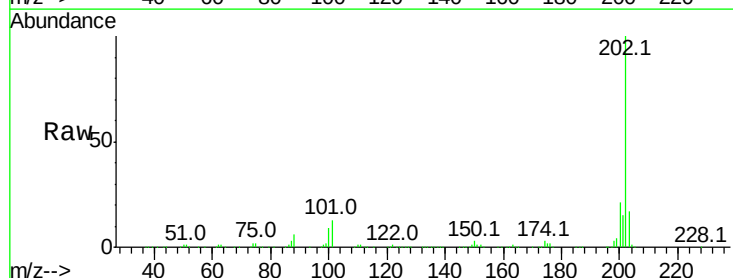
Tgt Ion:202 Resp: 790866

Ion Ratio Lower Upper

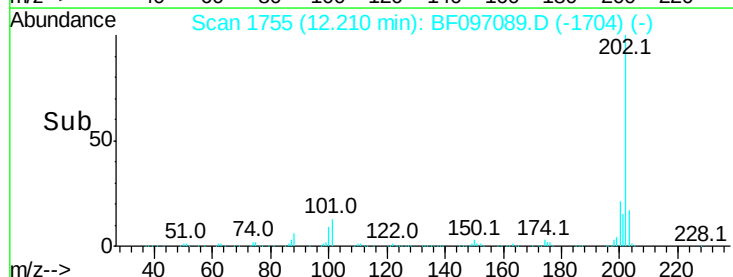
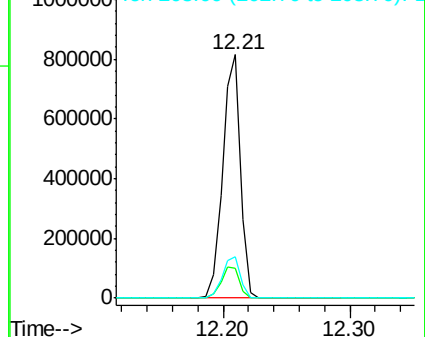
202 100

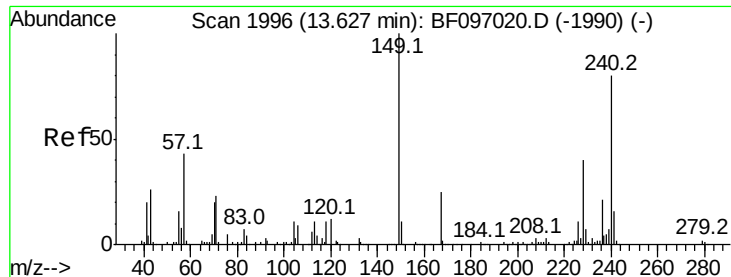
101 12.5 0.0 33.2

203 17.0 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: 20.000 ng

RT: 13.63 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

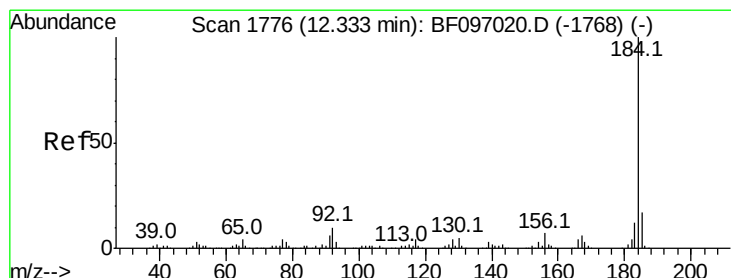
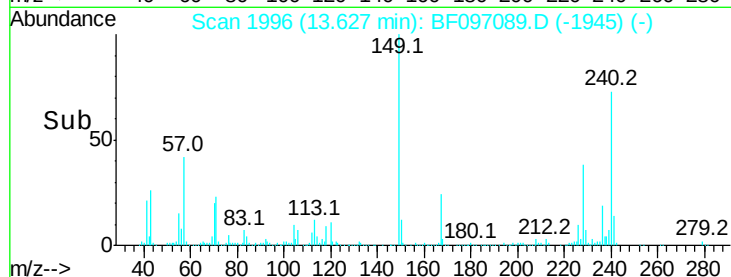
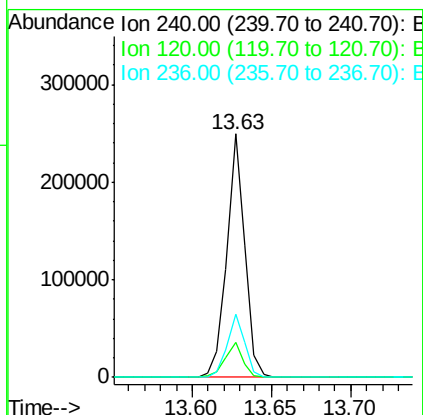
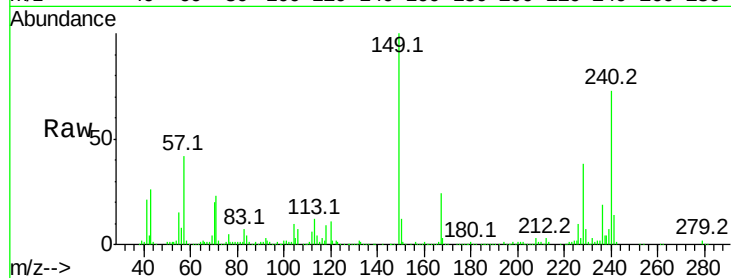
Tot Ion:240 Resp: 196422

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

236 25.8 20.5 30.7



#76

Benzidine

Concen: 8.023 ng

RT: 12.33 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

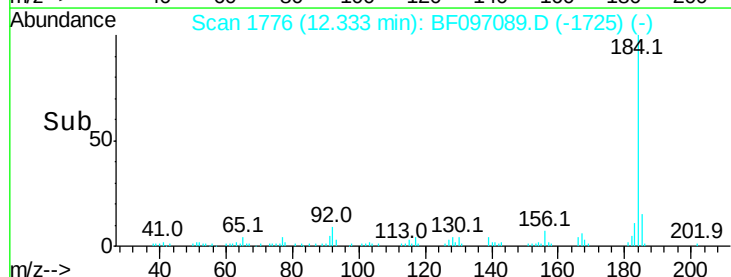
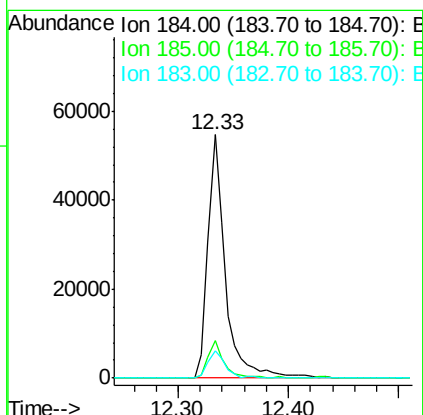
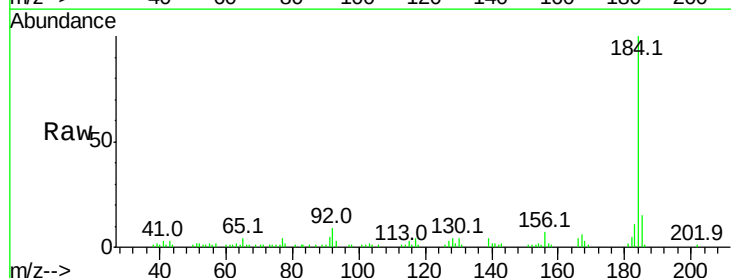
Tgt Ion:184 Resp: 58472

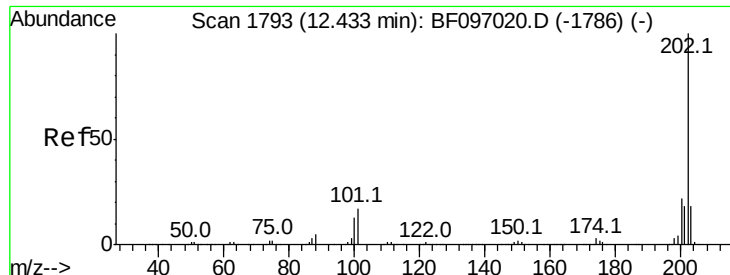
Ion Ratio Lower Upper

184 100

185 15.4 15.5 23.3#

183 11.2 9.8 14.6





#77

Pvrene

Concen: 48.153 ng

RT: 12.43 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

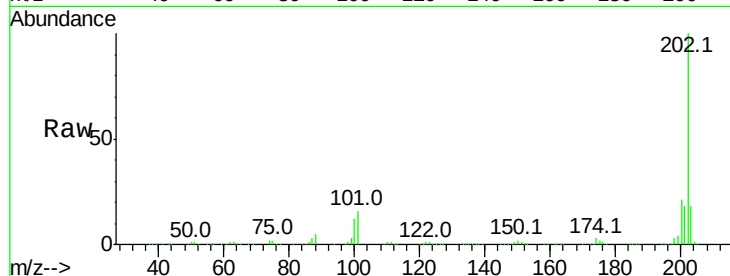
Tot Ion:202 Resp: 774315

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

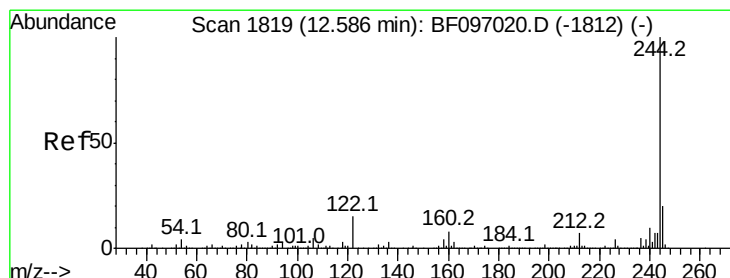
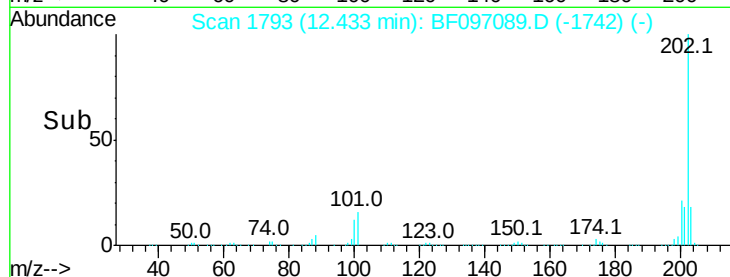
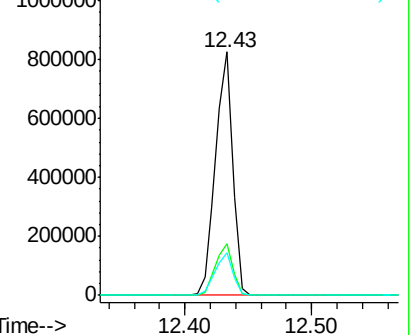
203 17.6 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 84.967 ng

RT: 12.59 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

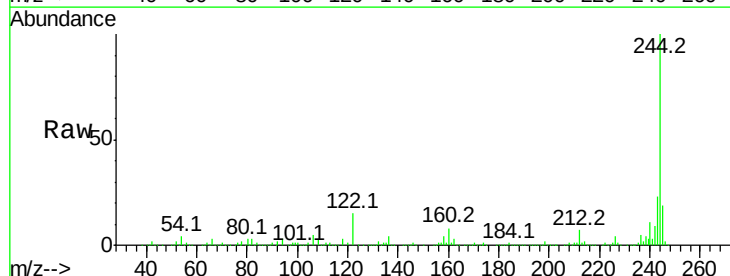
Tgt Ion:244 Resp: 818572

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

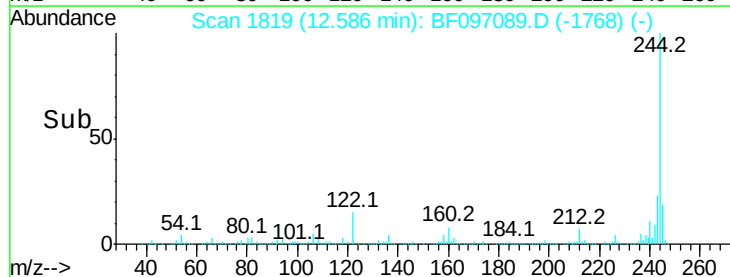
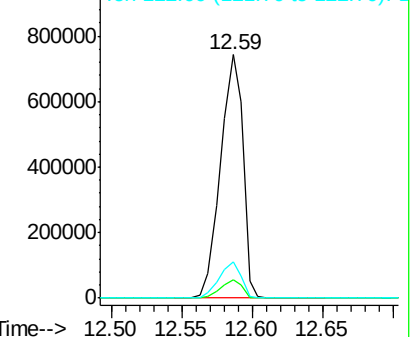
122 14.8 10.3 15.5

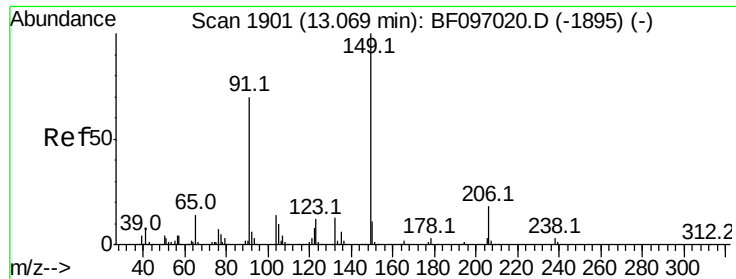


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

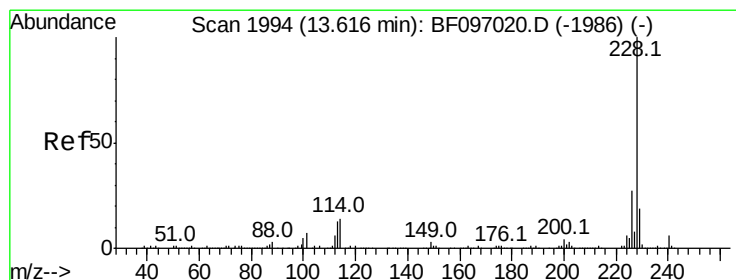
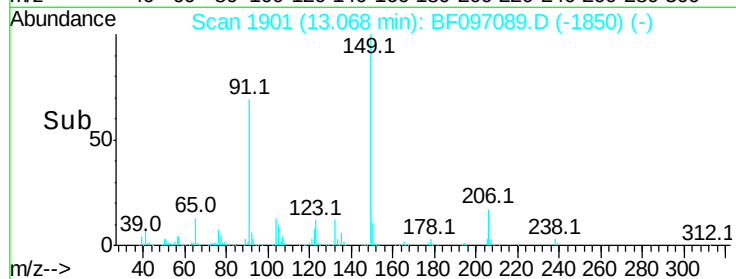
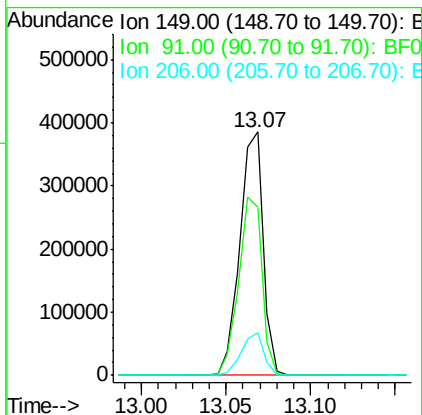
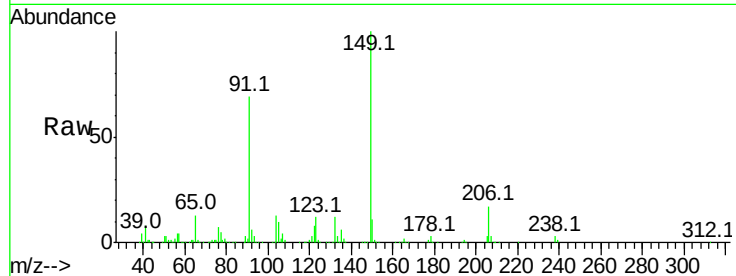




#79
Butylbenzylphthalate
Concen: 45.507 ng
RT: 13.07 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

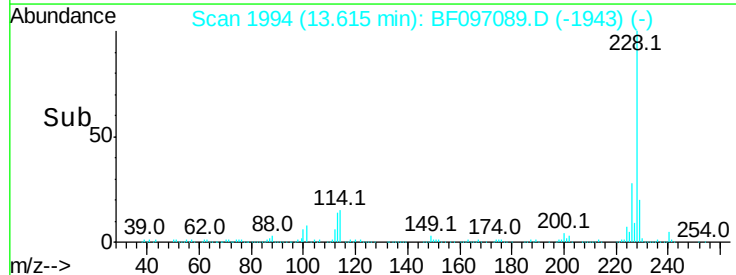
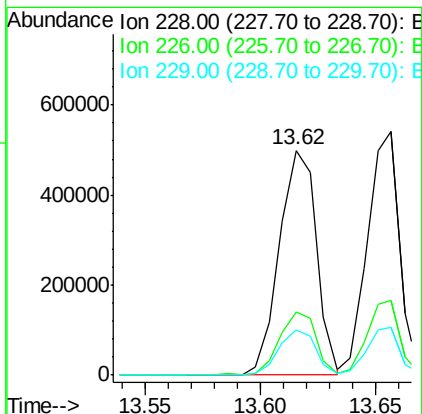
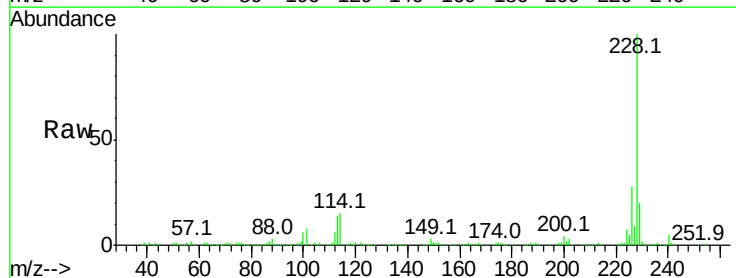
Instrument :
BNA_F
ClientSampleId :

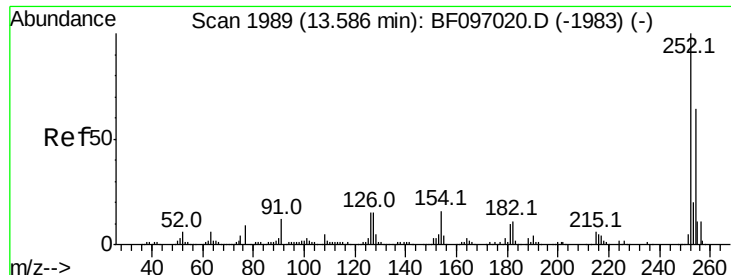
Tot Ion:149 Resp: 372233
Ion Ratio Lower Upper
149 100
91 69.3 45.0 67.4#
206 17.3 17.0 25.6



#80
Benzo(a)anthracene
Concen: 43.586 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.00 min
Lab File: BF097089.D
Acq: 26 Jul 2017 21:43

Tgt Ion:228 Resp: 553948
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.3 16.3 24.5

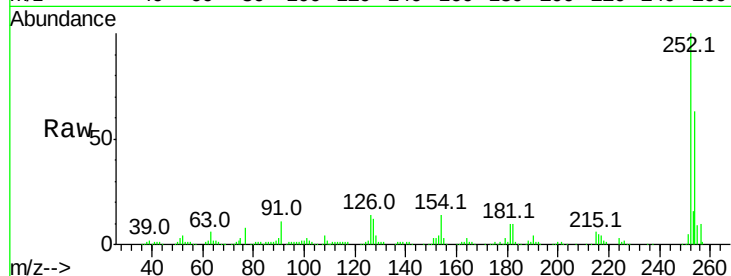




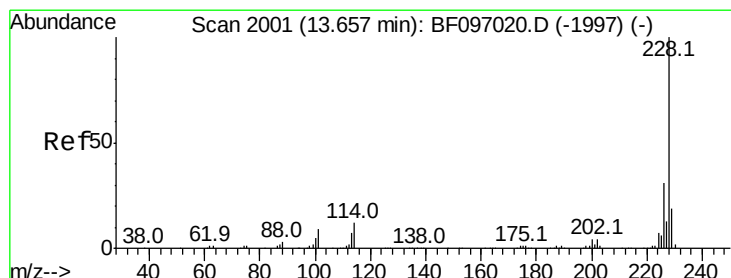
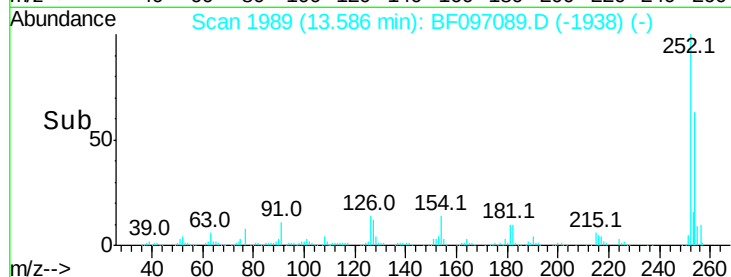
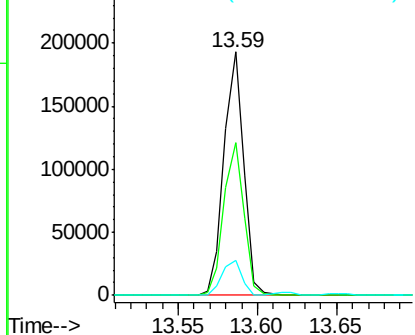
#81
 3,3'-Dichlorobenzidine
 Concen: 34.891 ng
 RT: 13.59 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.5	77.3
126	14.3	15.8	23.8#

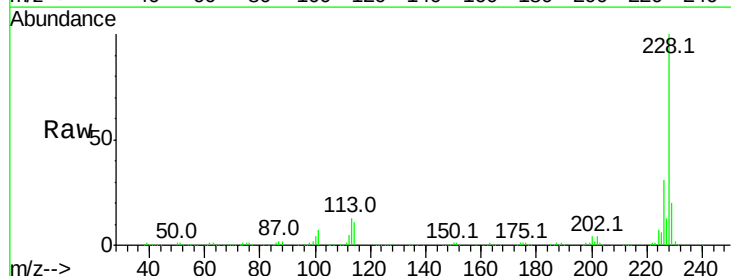


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

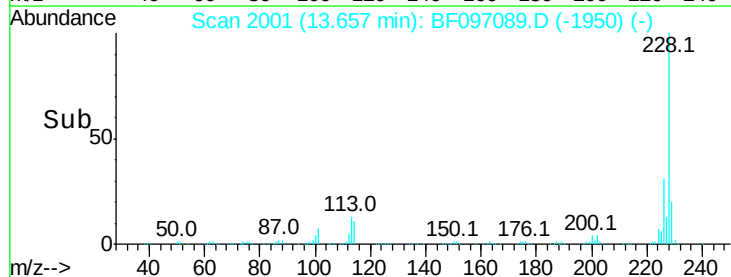
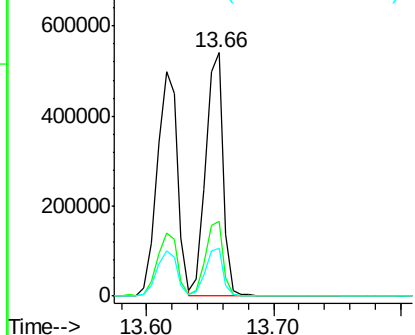


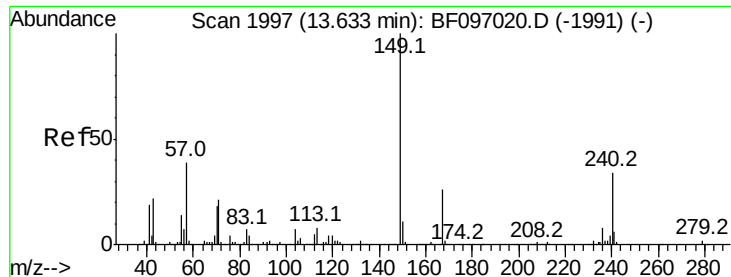
#82
 Chrysene
 Concen: 42.132 ng
 RT: 13.66 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	19.7	15.8	23.6



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

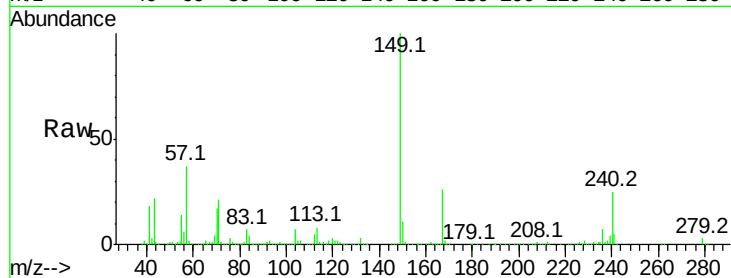




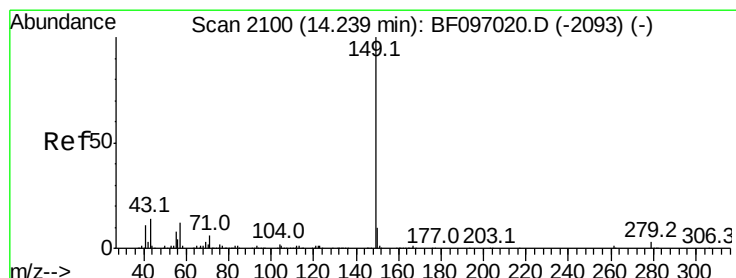
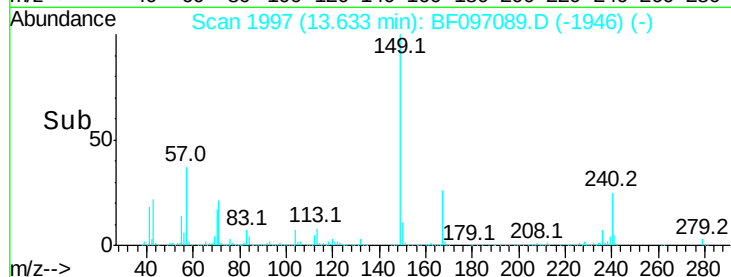
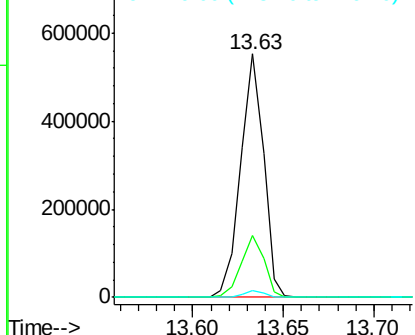
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.826 ng
 RT: 13.63 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 489421
 Ion Ratio Lower Upper
 149 100
 167 25.6 21.0 31.4
 279 2.7 1.9 2.9

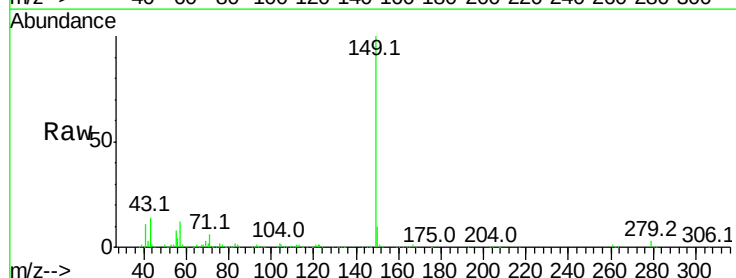


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

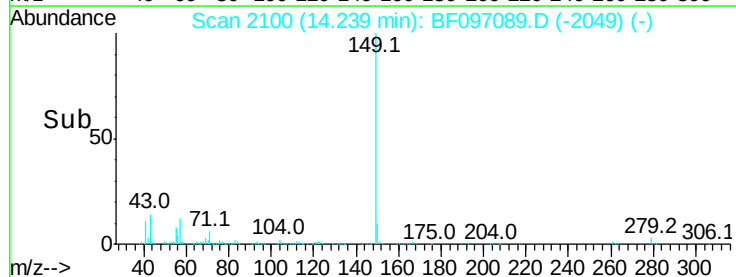
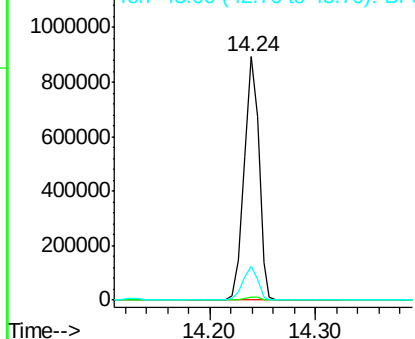


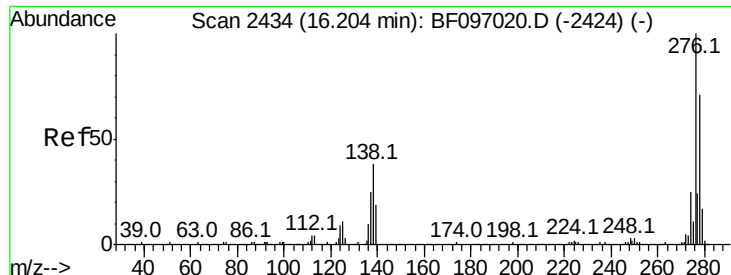
#84
 Di-n-octyl phthalate
 Concen: 43.623 ng
 RT: 14.24 min Scan# 2100
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion:149 Resp: 854960
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 13.5 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

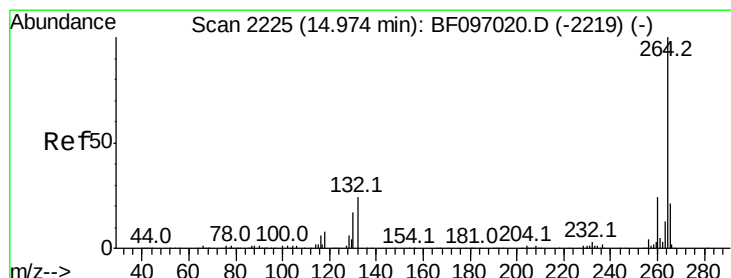
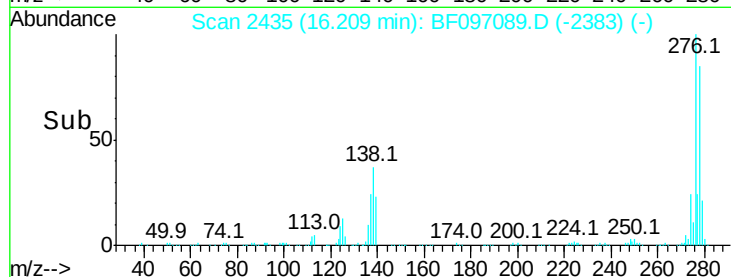
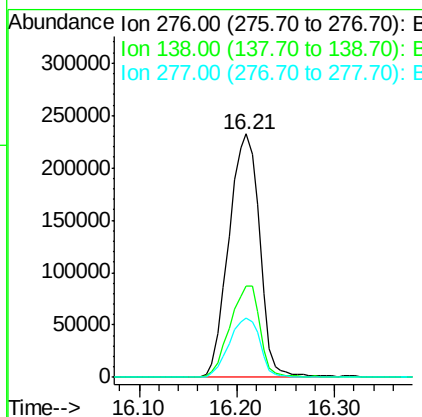
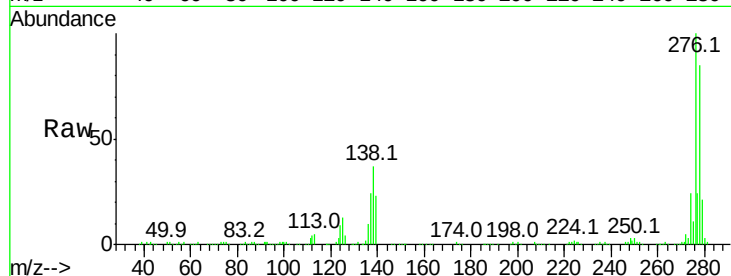




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.835 ng
 RT: 16.21 min Scan# 2435
 Delta R.T. 0.01 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

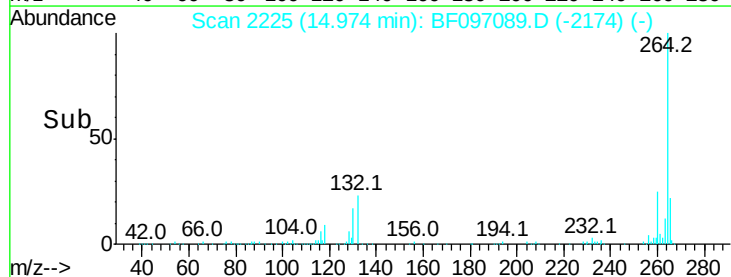
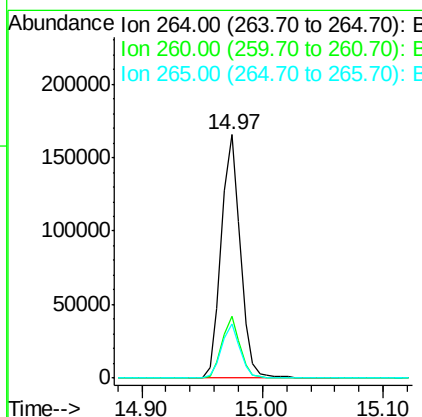
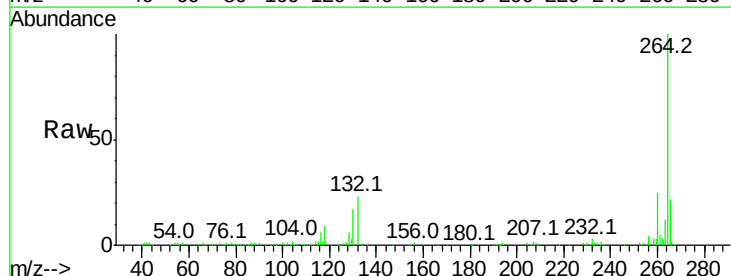
Instrument :
 BNA_F
 ClientSampleId :

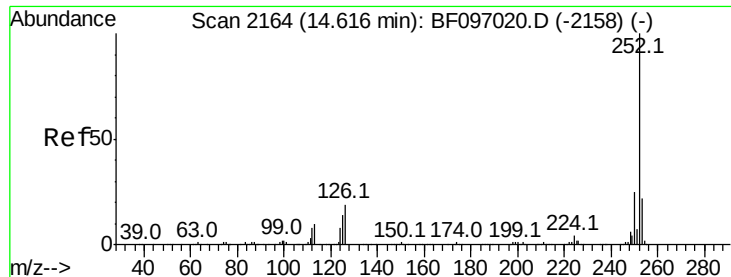
Tot Ion	Ratio	Lower	Upper
276	100		
138	37.0	27.8	41.6
277	24.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.97 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: BF097089.D
 Acq: 26 Jul 2017 21:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 42.671 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :

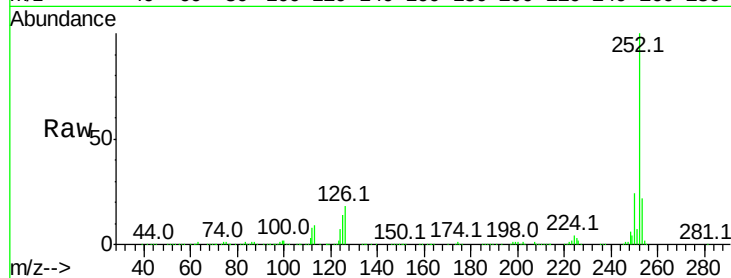
Tot Ion:252 Resp: 463247

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

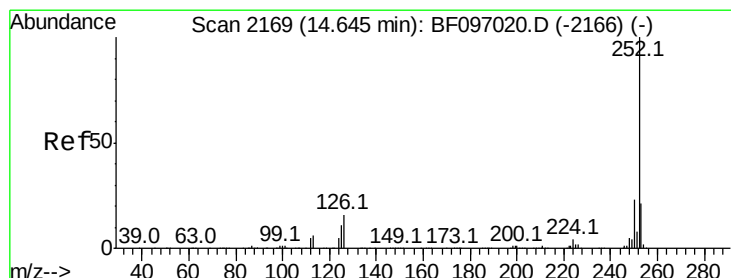
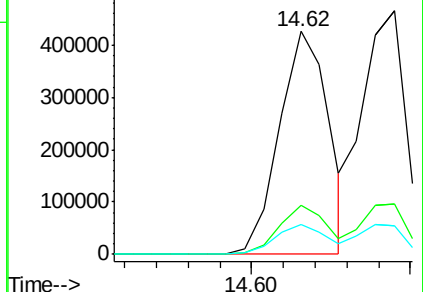
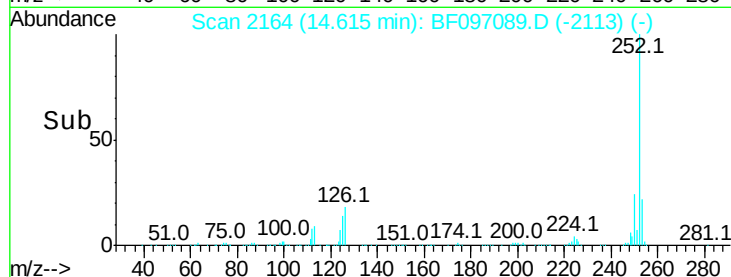
125 13.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 44.780 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.03 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

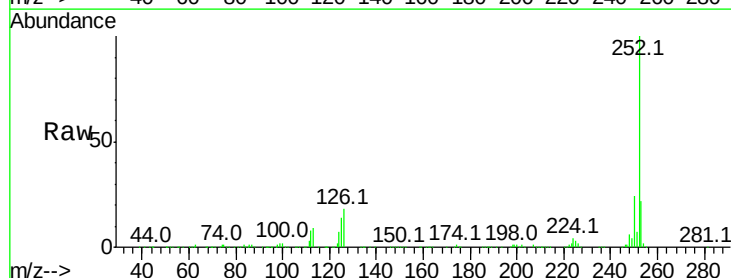
Tgt Ion:252 Resp: 463247

Ion Ratio Lower Upper

252 100

253 22.0 18.4 27.6

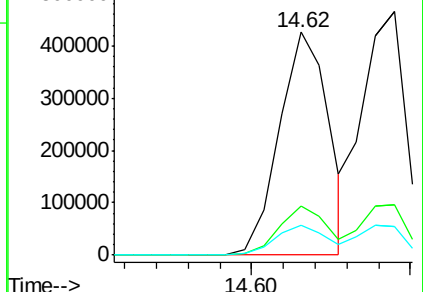
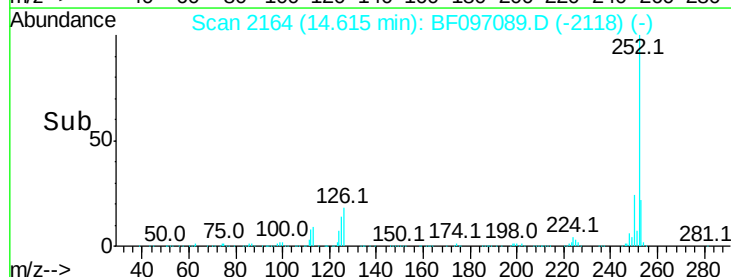
125 13.6 13.1 19.7

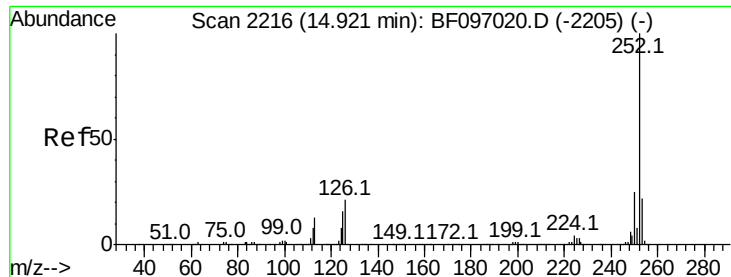


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.285 ng

RT: 14.93 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampled :

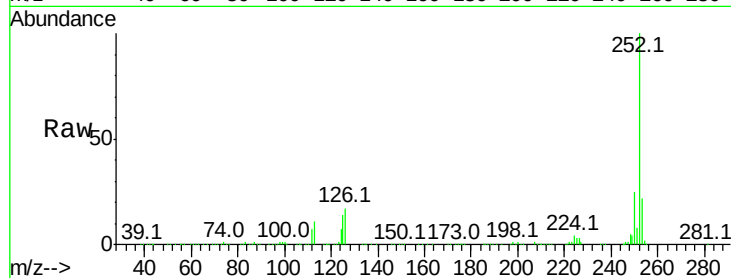
Tot Ion:252 Resp: 440010

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

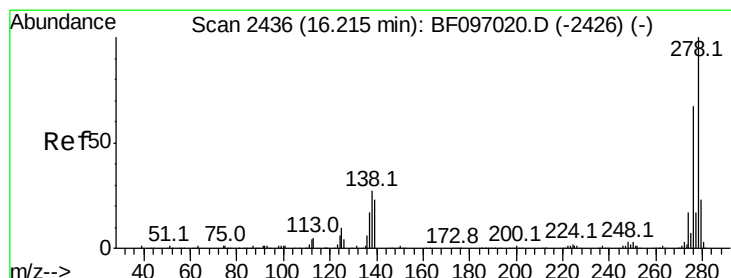
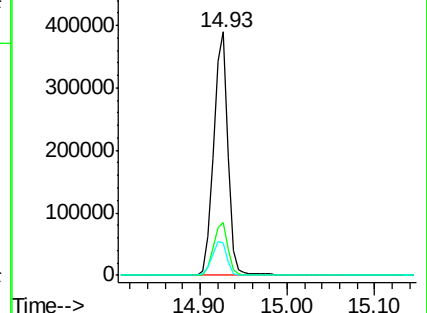
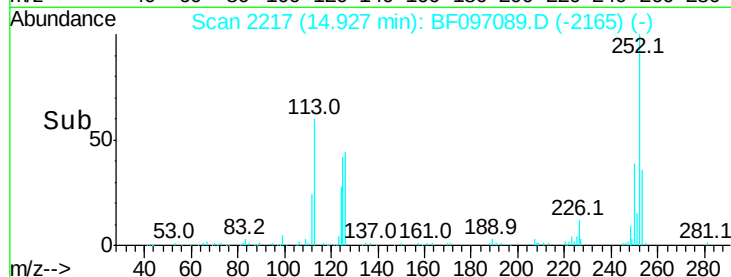
125 13.6 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.798 ng

RT: 16.22 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

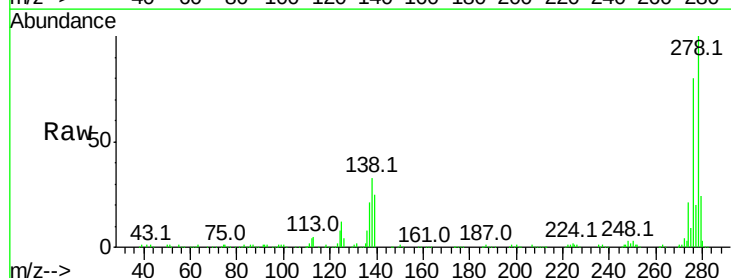
Tgt Ion:278 Resp: 413892

Ion Ratio Lower Upper

278 100

139 25.1 16.6 24.8#

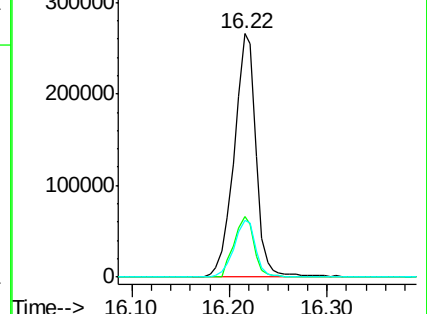
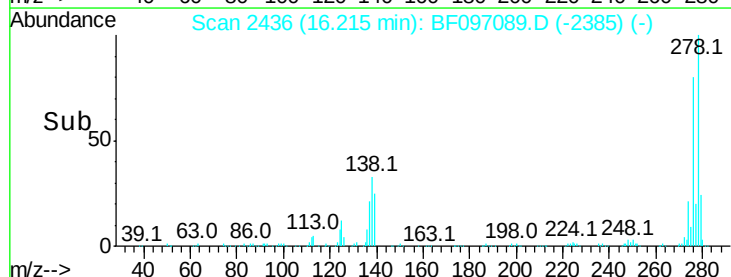
279 23.5 19.3 28.9

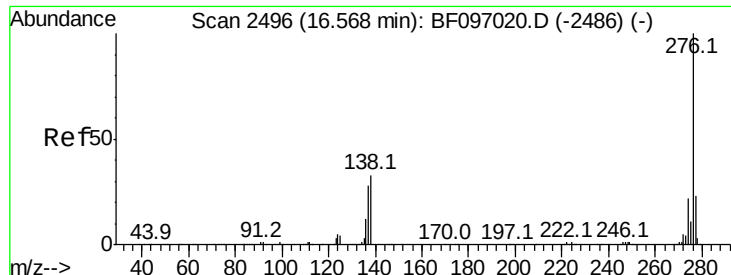


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.137 ng

RT: 16.57 min Scan# 2496

Delta R.T. -0.00 min

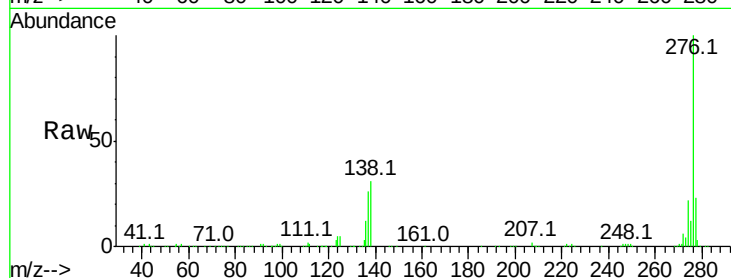
Lab File: BF097089.D

Acq: 26 Jul 2017 21:43

Instrument :

BNA_F

ClientSampleId :



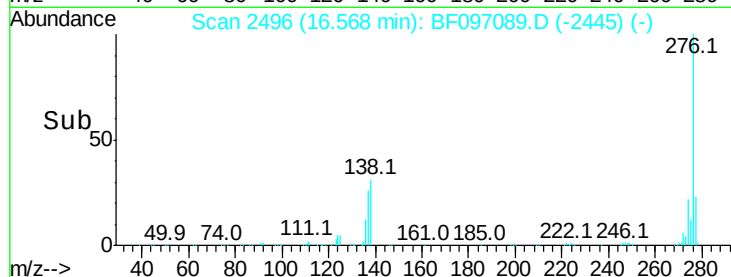
Tot Ion:276 Resp: 428392

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 31.2 25.4 38.0



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

