

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
 Data File : BF098405.D
 Acq On : 11 Sep 2017 16:22
 Operator : SJ/JU
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Quant Time: Sep 11 17:20:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 11 17:18:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	202308	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	874130	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	393627	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	731716	20.00	ng	0.00
75) Chrysene-d12	13.82	240	534114	20.00	ng	0.00
86) Perylene-d12	15.21	264	446441	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	727397	54.69	ng	0.00
7) Phenol-d6	6.32	99	915375	50.65	ng	0.00
23) Nitrobenzene-d5	7.24	82	809358	50.30	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	139340	40.80	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1267024	47.29	ng	0.00
78) Terphenyl-d14	12.76	244	1243895	48.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	176524	23.798	ng	# 86
3) Pyridine	2.99	79	494023	24.092	ng	# 84
4) n-Nitrosodimethylamine	2.94	42	244921	31.042	ng	# 88
6) Aniline	6.33	93	579695	22.835	ng	# 66
8) 2-Chlorophenol	6.46	128	394729	28.141	ng	# 97
9) Benzaldehyde	6.22	77	297137	25.959	ng	# 91
10) Phenol	6.33	94	530595	25.105	ng	# 59
11) bis(2-Chloroethyl)ether	6.41	93	392142	24.582	ng	# 94
12) 1,3-Dichlorobenzene	6.60	146	393204	26.061	ng	# 93
13) 1,4-Dichlorobenzene	6.69	146	401159	26.143	ng	# 95
14) 1,2-Dichlorobenzene	6.84	146	374467	26.466	ng	# 98
15) Benzyl Alcohol	6.82	79	311884	23.052	ng	# 95
16) 2,2'-oxybis(1-Chloropropan	6.95	45	661950	30.841	ng	# 92
17) 2-Methylphenol	6.94	107	313876	25.393	ng	# 94
18) Hexachloroethane	7.17	117	153813	25.567	ng	# 82
19) n-Nitroso-di-n-propylamine	7.09	70	287501	23.240	ng	# 93
20) 3+4-Methylphenols	7.09	107	423821	28.072	ng	# 74
22) Acetophenone	7.08	105	579009	25.074	ng	# 95
24) Nitrobenzene	7.26	77	460648	25.711	ng	# 99
25) Isophorone	7.50	82	799052	23.882	ng	# 99
26) 2-Nitrophenol	7.57	139	188191	31.463	ng	# 79
27) 2,4-Dimethylphenol	7.62	122	349227	25.027	ng	# 96
28) bis(2-Chloroethoxy)methane	7.71	93	488748	22.219	ng	# 99
29) 2,4-Dichlorophenol	7.82	162	303811	26.228	ng	# 96
30) 1,2,4-Trichlorobenzene	7.89	180	319353	24.870	ng	# 98
31) Naphthalene	7.97	128	1111425	24.491	ng	# 99
32) Benzoic acid	7.76	122	180261	19.465	ng	# 94
33) 4-Chloroaniline	8.03	127	457269	23.892	ng	# 97
34) Hexachlorobutadiene	8.09	225	164815	21.983	ng	# 98
35) Caprolactam	8.40	113	100913	25.626	ng	# 67
36) 4-Chloro-3-methylphenol	8.52	107	371193	24.942	ng	# 85
37) 2-Methylnaphthalene	8.66	142	671472	24.134	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	317638	26.294	ng	# 99
40) Hexachlorocyclopentadiene	8.82	237	57095	9.838	ng	# 98

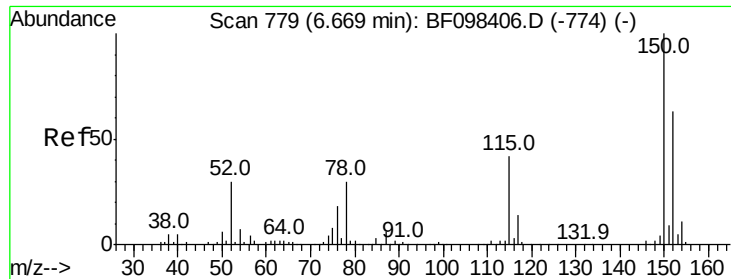
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091117\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	189806	23.403	nq	90
43) 2,4,5-Trichlorophenol	8.99	196	199776	24.829	nq	94
45) 1,1'-Biphenyl	9.13	154	915201	25.497	nq	97
46) 2-Chloronaphthalene	9.15	162	648017	24.433	nq	# 92
47) 2-Nitroaniline	9.26	65	257890	29.005	nq	96
48) Acenaphthylene	9.56	152	991176	23.798	nq	99
49) Dimethylphthalate	9.43	163	775119	26.939	nq	98
50) 2,6-Dinitrotoluene	9.50	165	164317	28.610	nq	# 70
51) Acenaphthene	9.73	154	610031	23.224	nq	97
52) 3-Nitroaniline	9.66	138	199020	26.858	nq	91
53) 2,4-Dinitrophenol	9.78	184	50087	23.951	nq	# 72
54) Dibenzofuran	9.91	168	823513	23.392	nq	98
55) 4-Nitrophenol	9.85	139	108239	18.311	nq	# 40
56) 2,4-Dinitrotoluene	9.90	165	211717	29.374	nq	# 48
57) Fluorene	10.25	166	682800	25.086	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	132316	21.240	nq	98
59) Diethylphthalate	10.13	149	762500	25.341	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	315430	24.946	nq	94
61) 4-Nitroaniline	10.27	138	201712	28.641	nq	77
62) Azobenzene	10.40	77	819778	22.936	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	100309	33.190	nq	93
65) n-Nitrosodiphenylamine	10.36	169	612020	24.562	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	179398	23.610	nq	93
67) Hexachlorobenzene	10.80	284	179558	23.184	nq	# 85
68) Atrazine	10.89	200	191821	29.029	nq	97
69) Pentachlorophenol	11.00	266	60066	13.302	nq	97
70) Phenanthrene	11.20	178	1013859	26.002	nq	99
71) Anthracene	11.26	178	1044956	26.423	nq	99
72) Carbazole	11.42	167	969525	25.827	nq	99
73) Di-n-butylphthalate	11.75	149	1182032	27.337	nq	99
74) Fluoranthene	12.39	202	1022579	25.126	nq	99
76) Benzidine	12.52	184	629848	35.966	nq	96
77) Pyrene	12.62	202	1057238	24.202	nq	100
79) Butylbenzylphthalate	13.24	149	478836	28.589	nq	# 74
80) Benzo(a)anthracene	13.80	228	787346	24.596	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	321058	29.722	nq	97
82) Chrysene	13.84	228	804053	25.250	nq	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	601246	32.396	nq	98
84) Di-n-octyl phthalate	14.41	149	1036405	32.094	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.56	276	544870	23.259	nq	98
87) Benzo(b)fluoranthene	14.82	252	723392	25.706	nq	99
88) Benzo(k)fluoranthene	14.84	252	660217	24.972	nq	96
89) Benzo(a)pyrene	15.16	252	645942	25.929	nq	99
90) Dibenzo(a,h)anthracene	16.56	278	445495	21.966	nq	97
91) Benzo(g,h,i)perylene	16.96	276	440668	20.824	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.00 min

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SSTDIC025

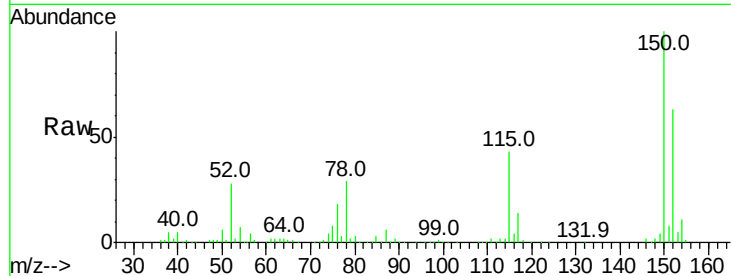
Tot Ion:152 Resp: 202308

Ion Ratio Lower Upper

152 100

150 158.2 126.2 189.2

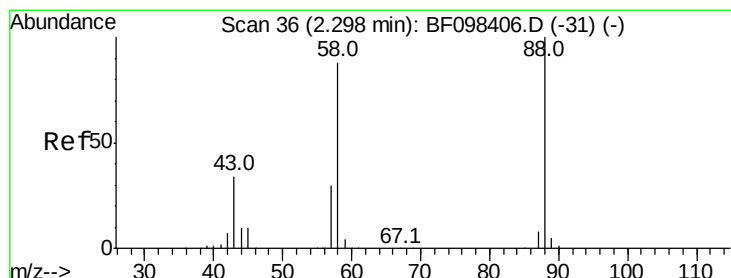
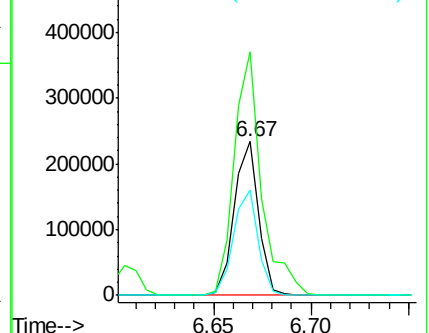
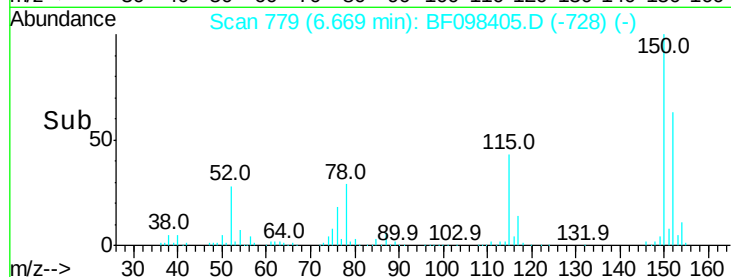
115 68.4 52.2 78.2



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: 23.798 ng

RT: 2.30 min Scan# 36

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

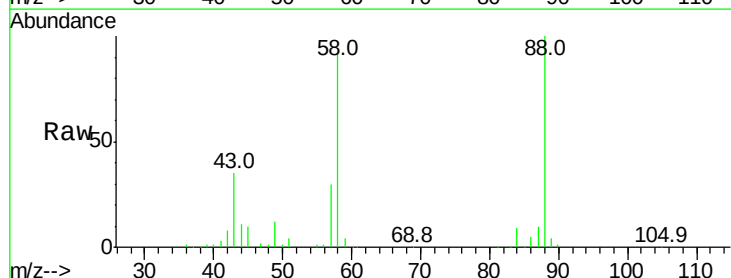
Tgt Ion: 88 Resp: 176524

Ion Ratio Lower Upper

88 100

58 90.2 61.4 92.0

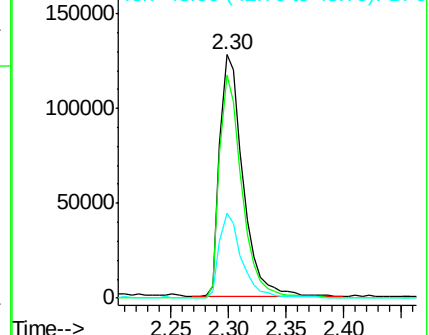
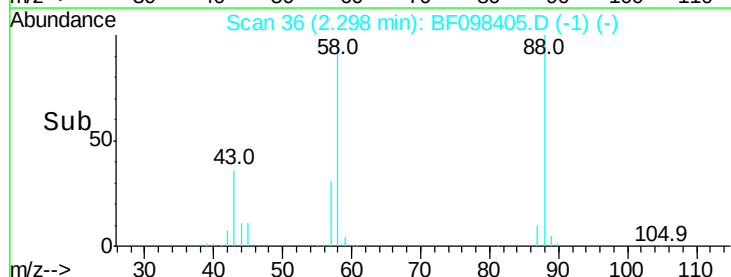
43 35.1 23.4 35.0#

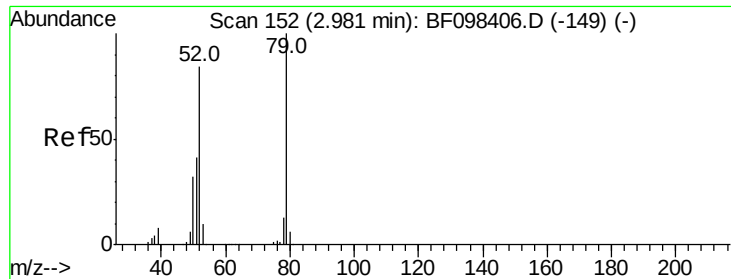


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.092 ng

RT: 2.99 min Scan# 153

Delta R.T. 0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

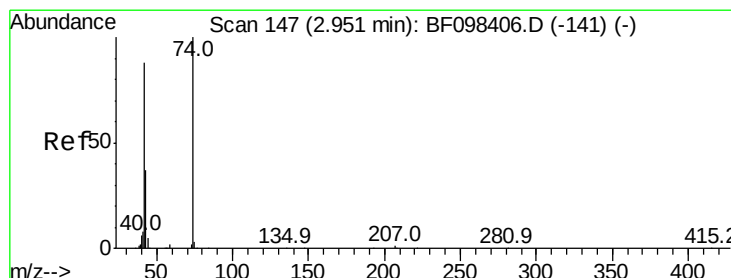
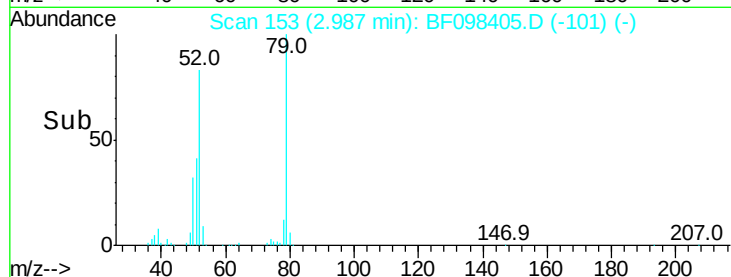
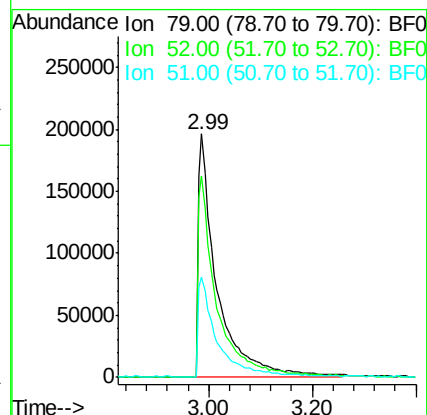
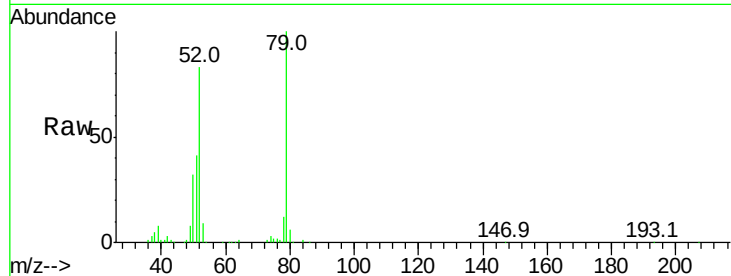
Tot Ion: 79 Resp: 494023

Ion Ratio Lower Upper

79 100

52 82.9 54.8 82.2#

51 41.4 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 31.042 ng

RT: 2.94 min Scan# 145

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

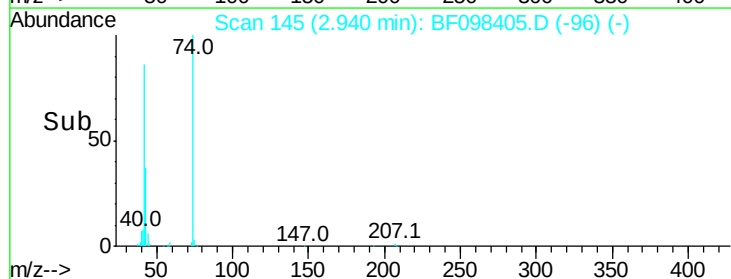
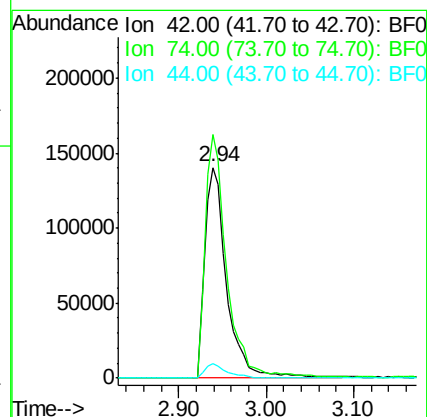
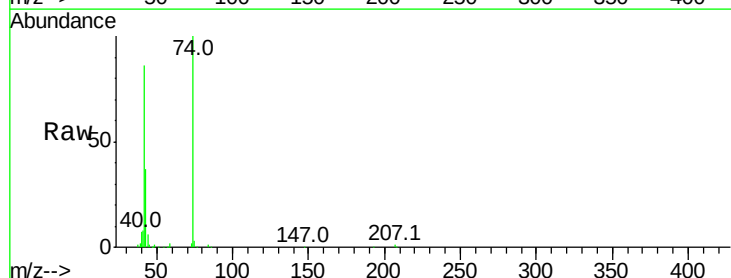
Tgt Ion: 42 Resp: 244921

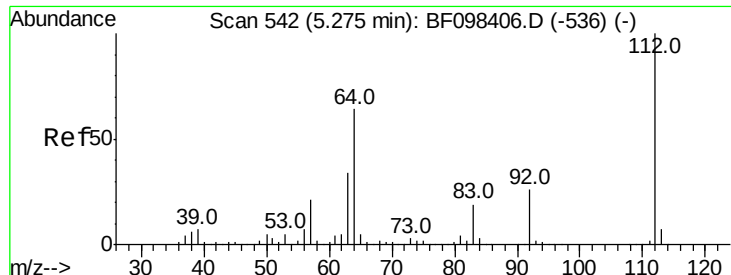
Ion Ratio Lower Upper

42 100

74 115.7 103.9 155.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 54.690 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

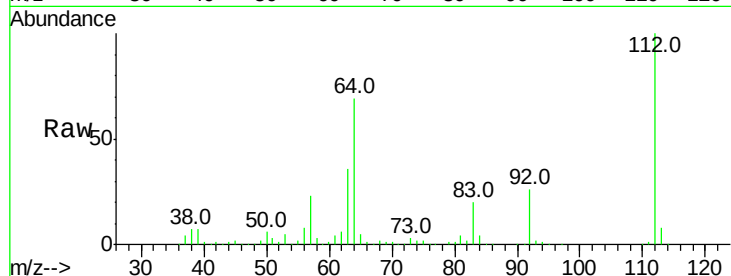
Tot Ion:112 Resp: 727397

Ion Ratio Lower Upper

112 100

64 68.8 46.0 69.0

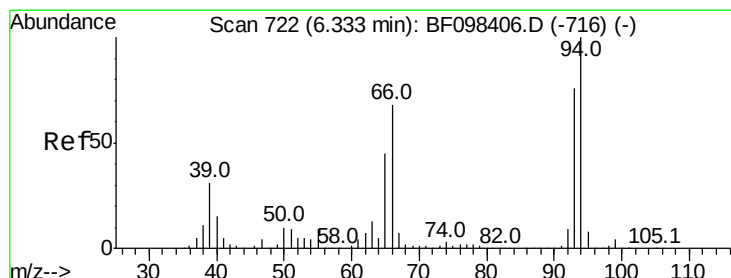
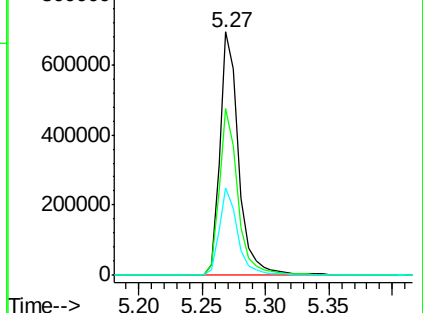
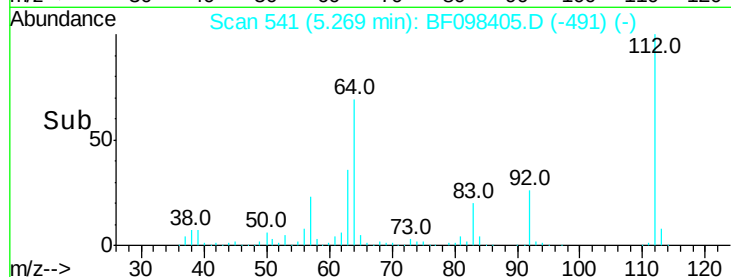
63 36.0 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.835 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

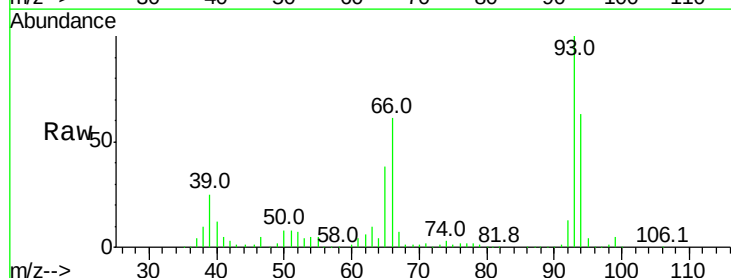
Tgt Ion: 93 Resp: 579695

Ion Ratio Lower Upper

93 100

66 60.8 32.9 49.3#

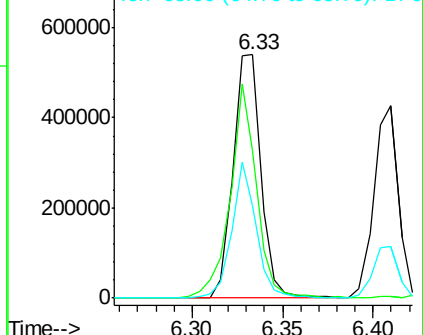
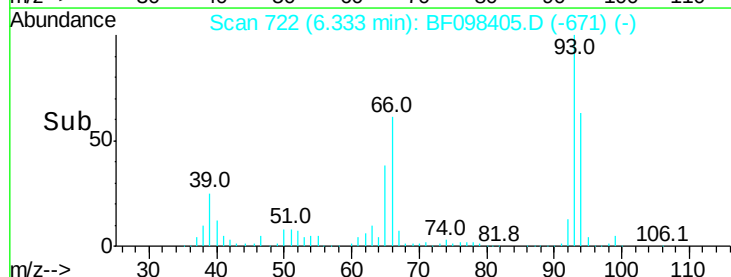
65 37.9 16.0 24.0#

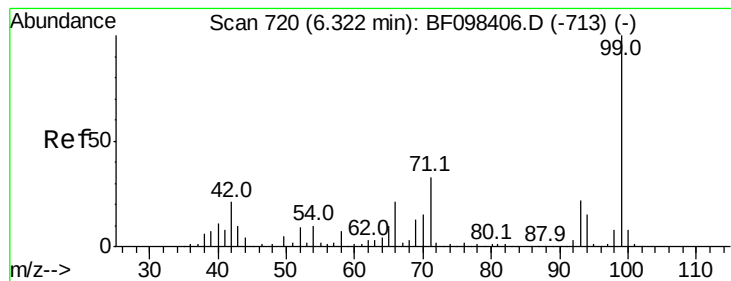


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 50.653 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

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ClientSampleId :

SSTDIC025

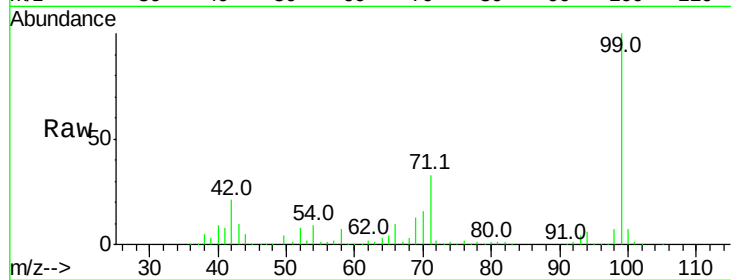
Tot Ion: 99 Resp: 915375

Ion Ratio Lower Upper

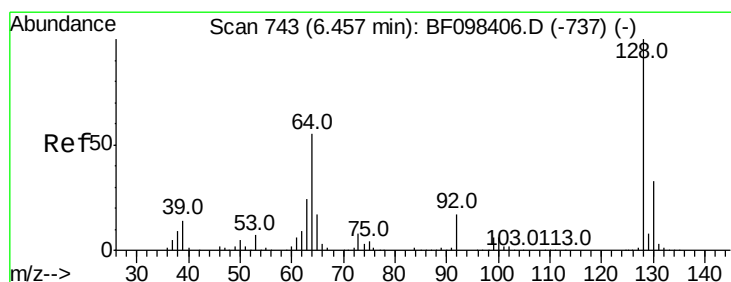
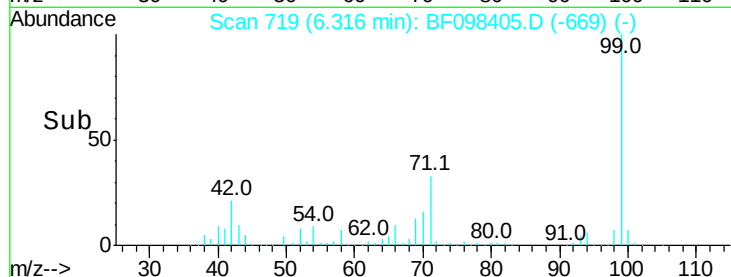
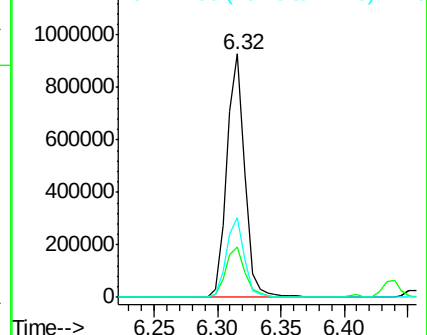
99 100

42 20.5 13.5 20.3#

71 32.8 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: 28.141 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

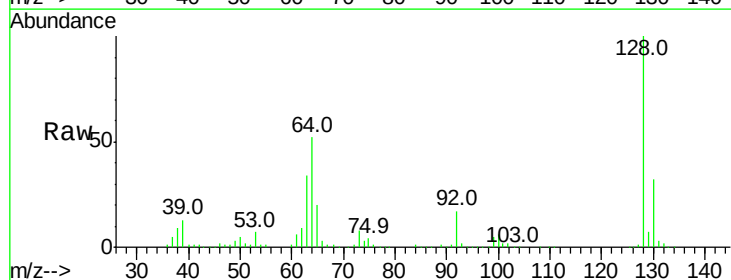
Tgt Ion: 128 Resp: 394729

Ion Ratio Lower Upper

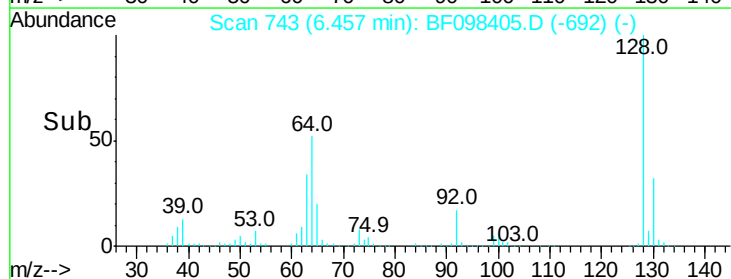
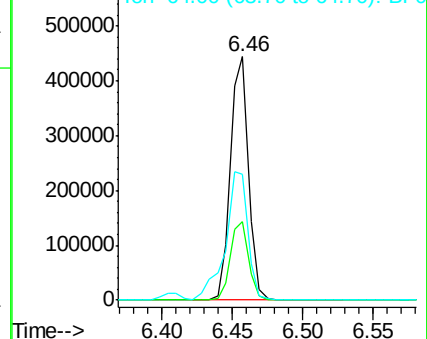
128 100

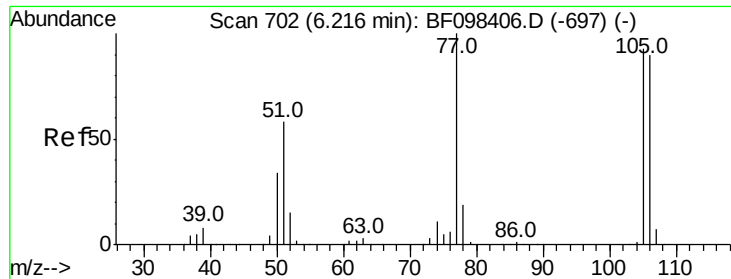
130 32.2 12.9 52.9

64 51.5 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: 25.959 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

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ClientSampleId :

SSTDICC025

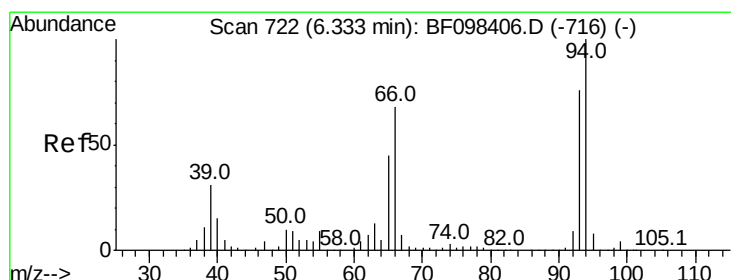
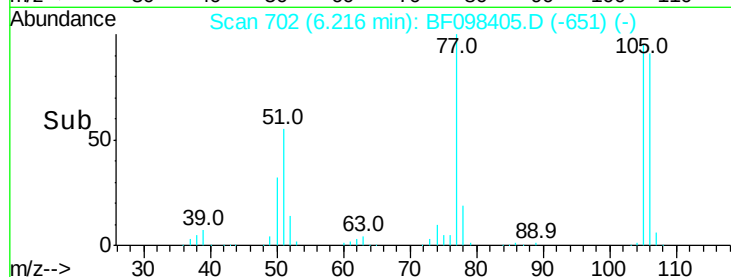
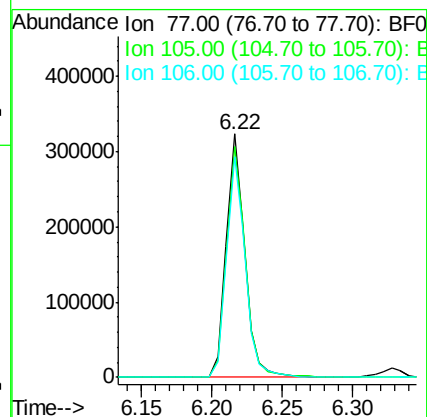
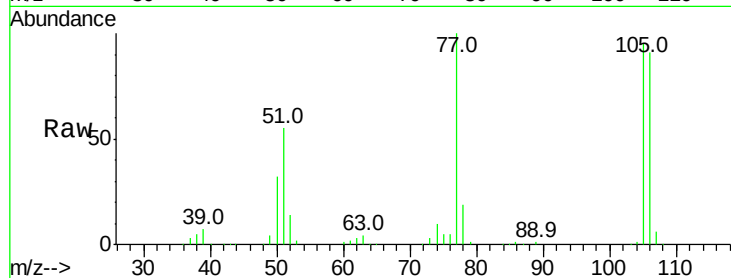
Tot Ion: 77 Resp: 297137

Ion Ratio Lower Upper

77 100

105 94.7 83.8 123.8

106 90.6 79.1 119.1



#10

Phenol

Concen: 25.105 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

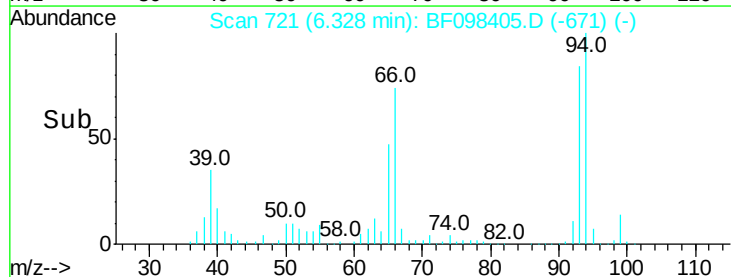
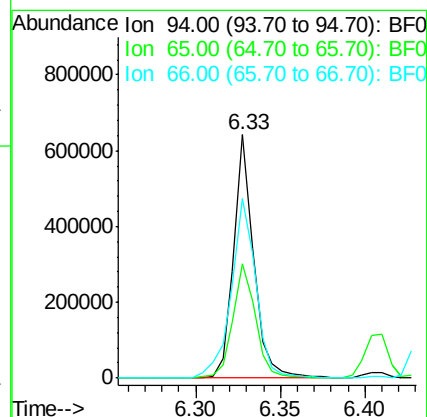
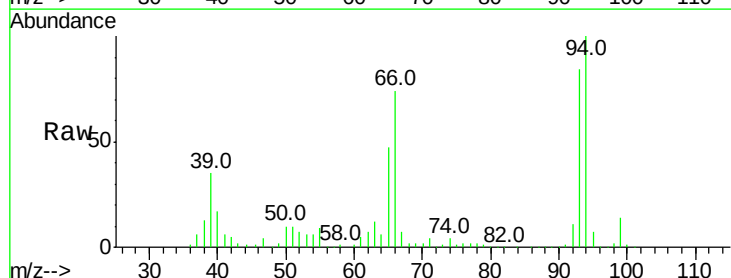
Tgt Ion: 94 Resp: 530595

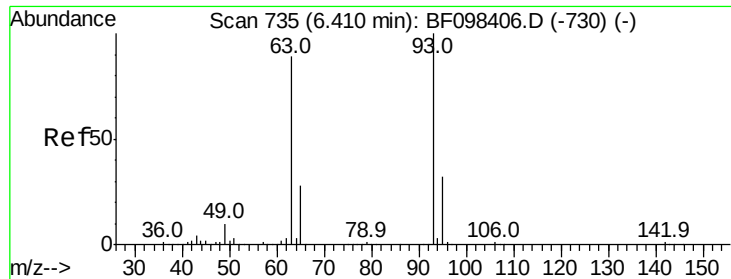
Ion Ratio Lower Upper

94 100

65 47.2 9.9 49.9

66 73.9 23.1 63.1#





#11

bis(2-Chloroethyl)ether

Concen: 24.582 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

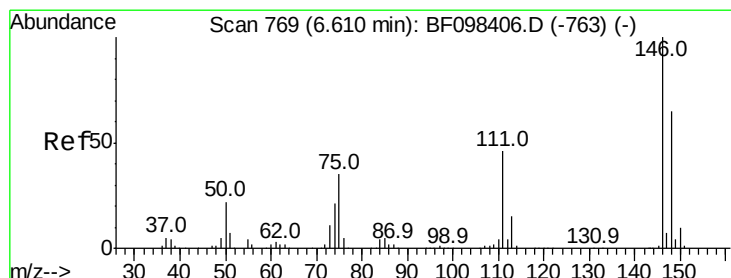
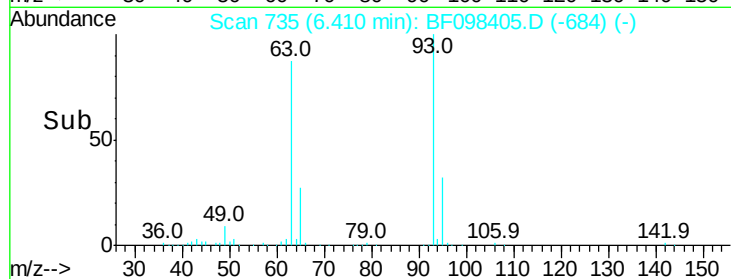
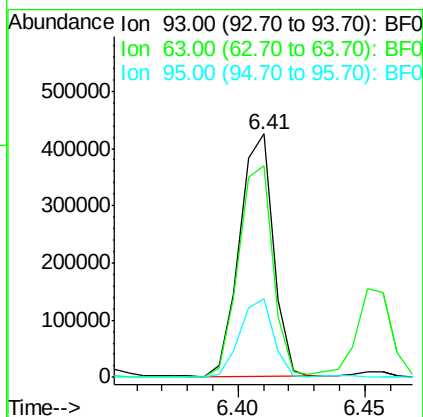
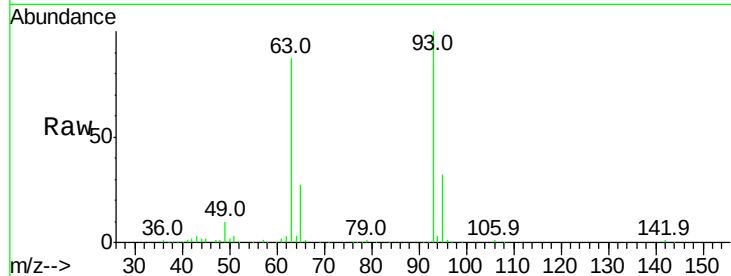
Tot Ion: 93 Resp: 392142

Ion Ratio Lower Upper

93 100

63 86.9 59.2 99.2

95 32.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 26.061 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

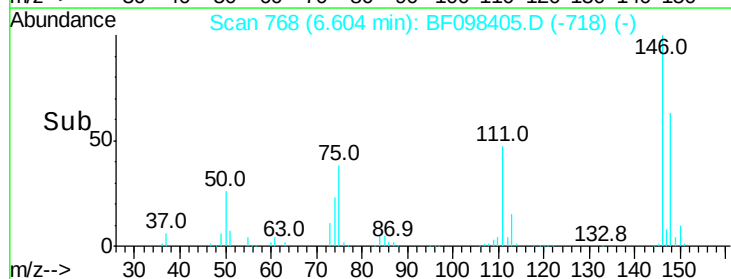
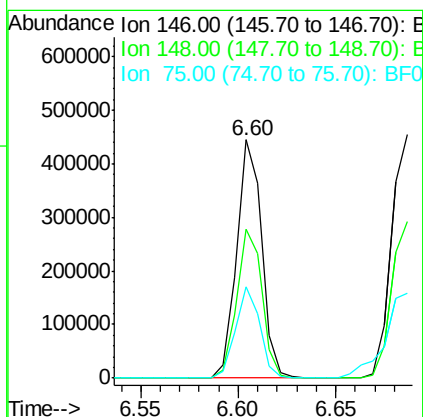
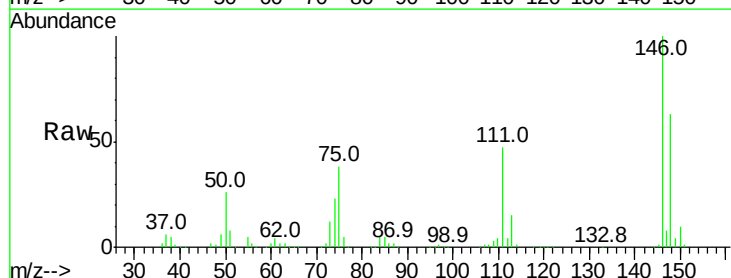
Tgt Ion: 146 Resp: 393204

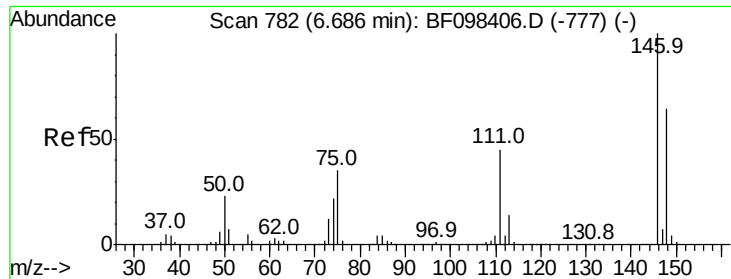
Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.6

75 38.3 23.1 34.7#

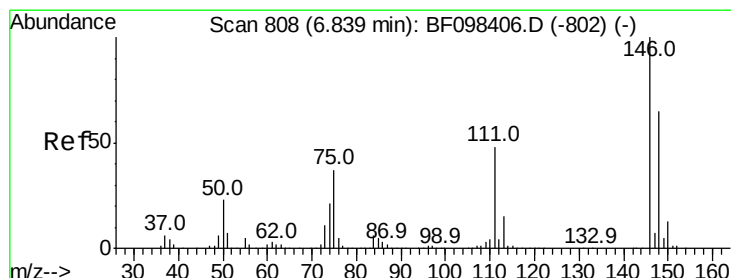
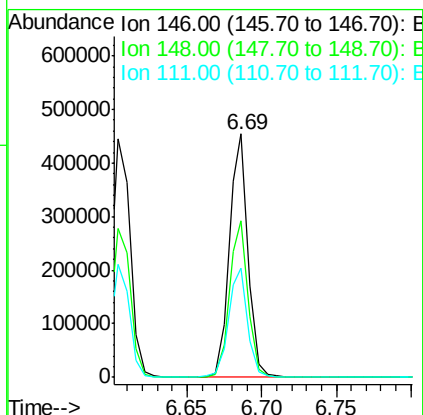
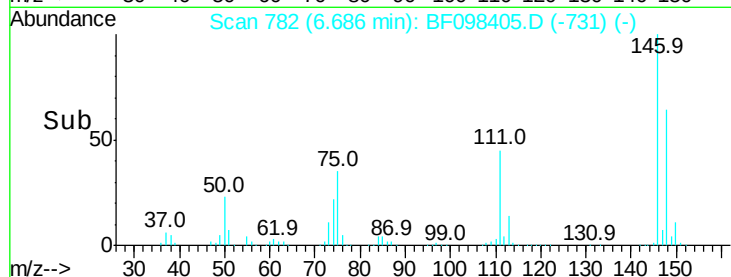
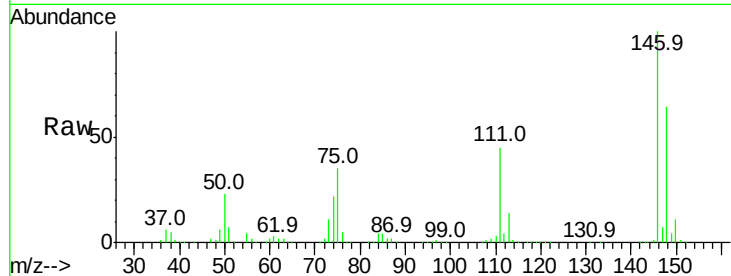




#13
 1,4-Dichlorobenzene
 Concen: 26.143 ng
 RT: 6.69 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

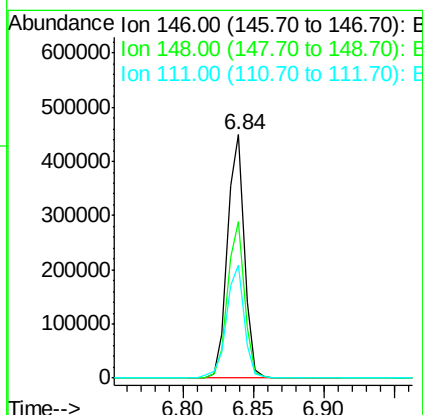
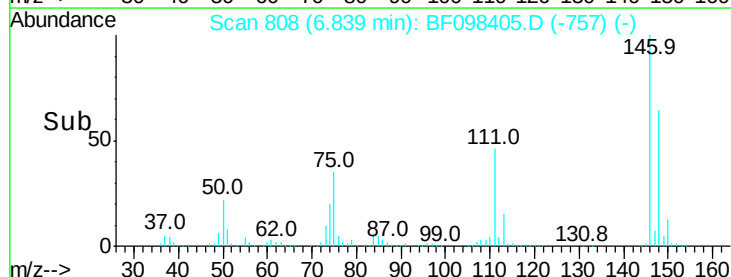
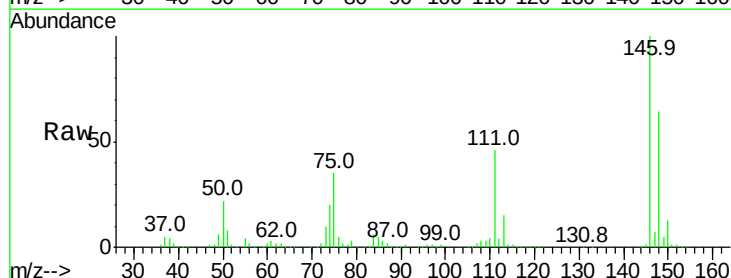
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

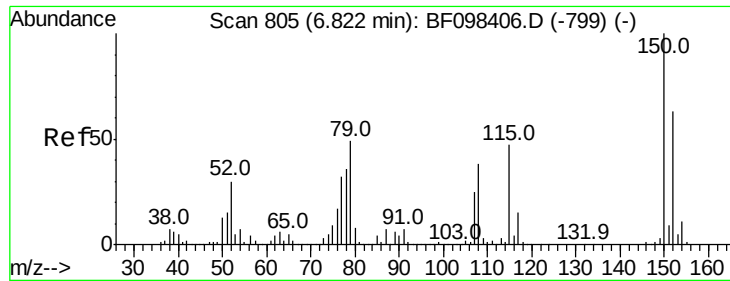
Tot Ion:146 Resp: 401159
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 44.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 26.466 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion:146 Resp: 374467
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.4 75.6
 111 46.2 38.2 57.4

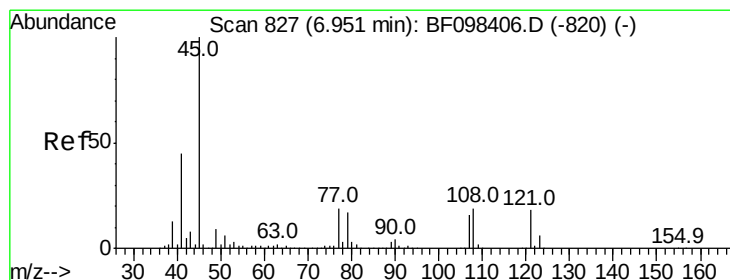
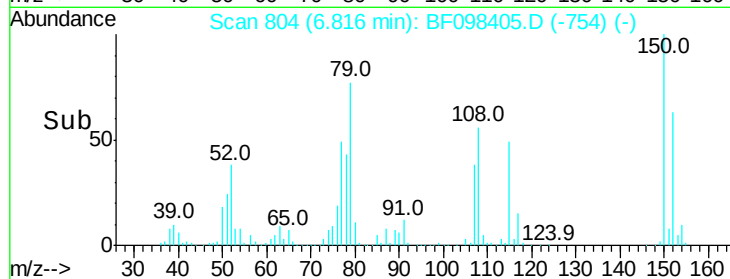
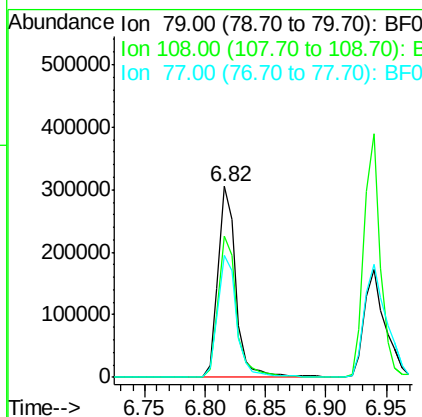
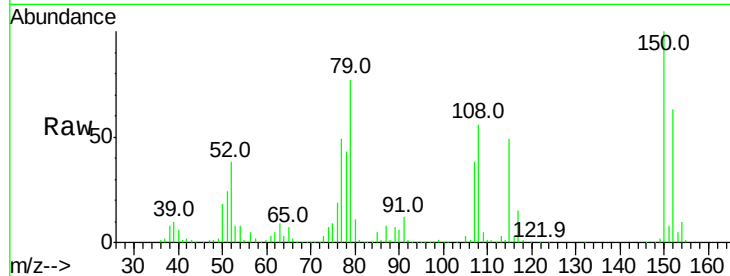




#15
Benzyl Alcohol
Concen: 23.052 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

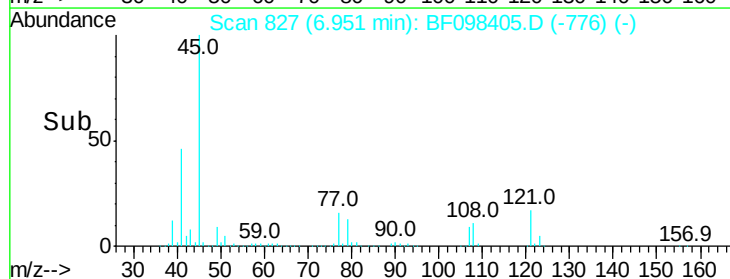
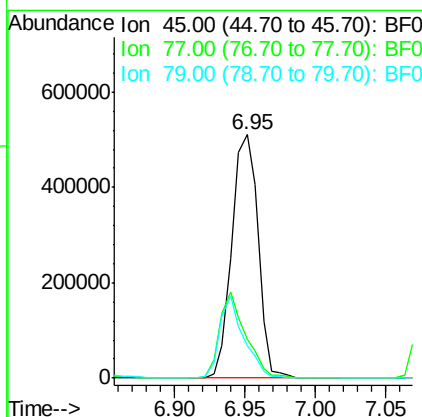
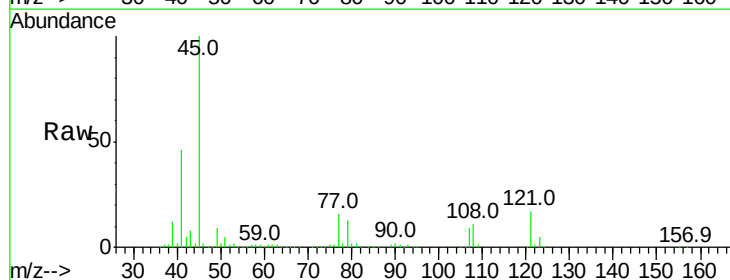
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

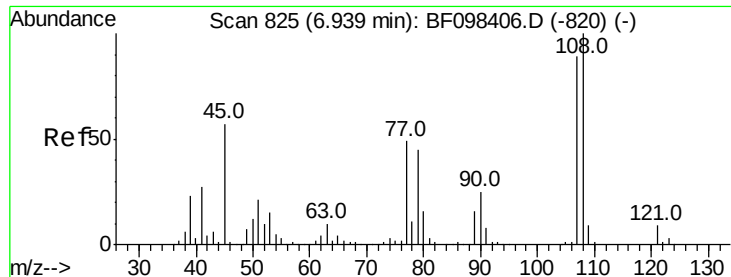
Tot Ion: 79 Resp: 311884
Ion Ratio Lower Upper
79 100
108 73.7 63.4 95.0
77 64.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.841 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion: 45 Resp: 661950
Ion Ratio Lower Upper
45 100
77 16.1 0.0 33.2
79 13.3 0.0 30.0

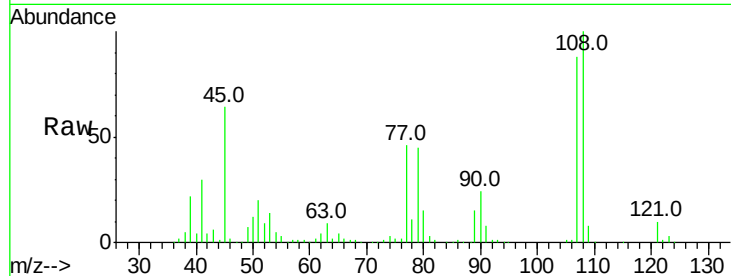




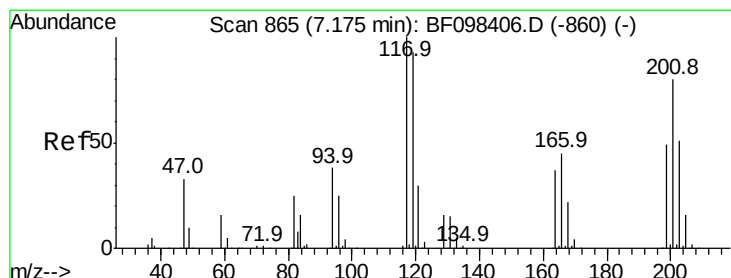
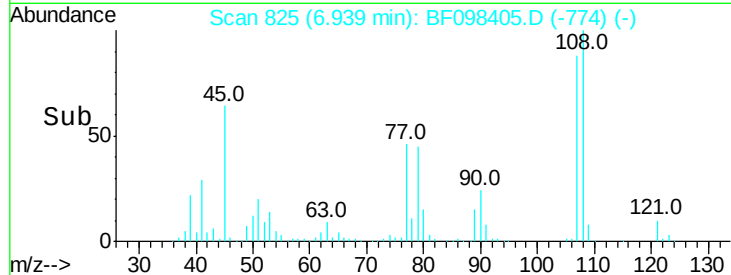
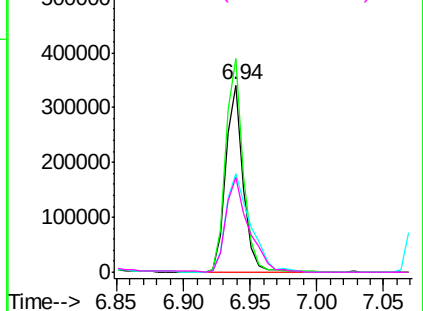
#17
2-Methylphenol
Concen: 25.393 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:107 Resp: 313876
Ion Ratio Lower Upper
107 100
108 114.2 93.4 140.0
77 53.0 35.8 53.6
79 50.9 34.8 52.2

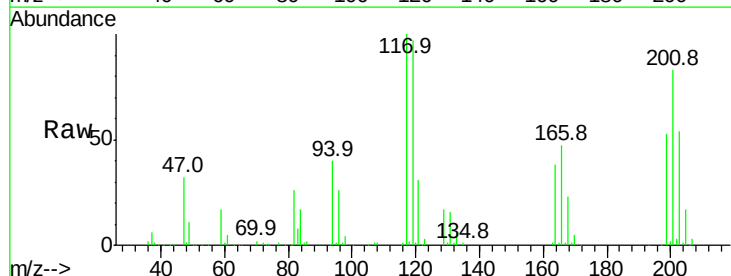


Abundance Ion 107.00 (106.70 to 107.70): E
600000 Ion 108.00 (107.70 to 108.70): E
500000 Ion 77.00 (76.70 to 77.70): BF0
400000 Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

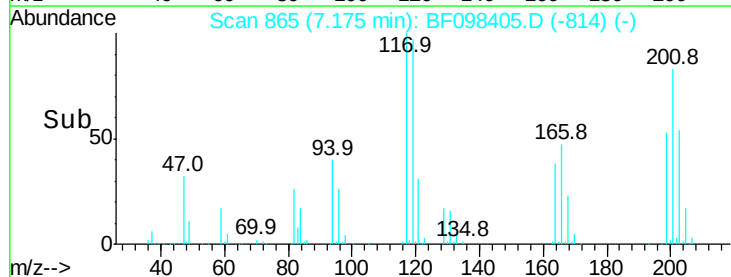
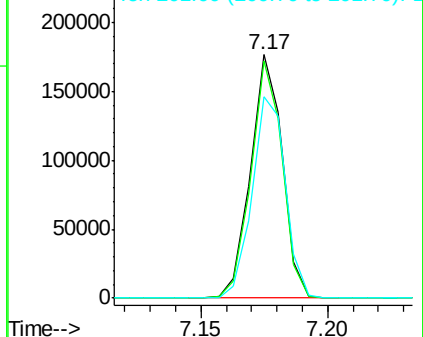


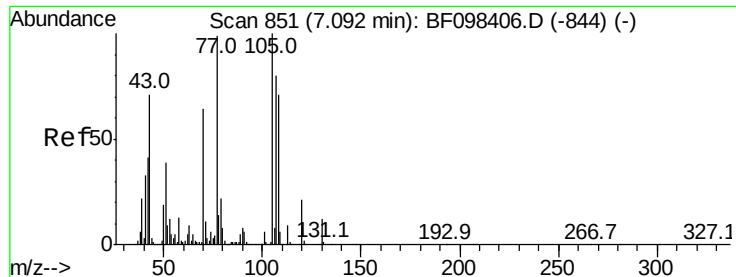
#18
Hexachloroethane
Concen: 25.567 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion:117 Resp: 153813
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
201 82.7 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
200000 Ion 119.00 (118.70 to 119.70): E
150000 Ion 201.00 (200.70 to 201.70): E
100000
50000
0

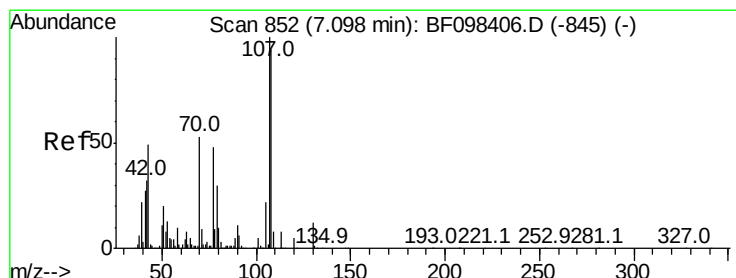
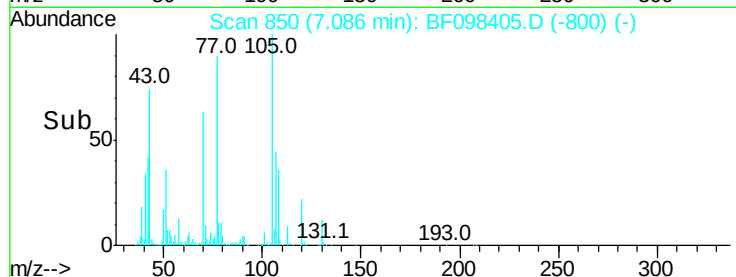
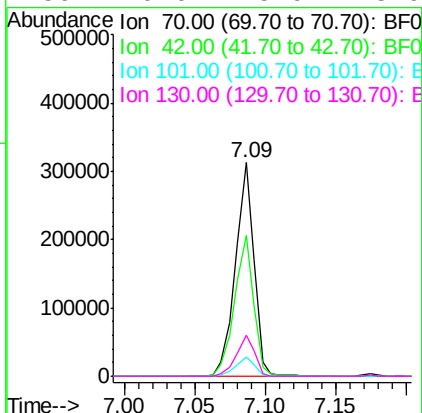
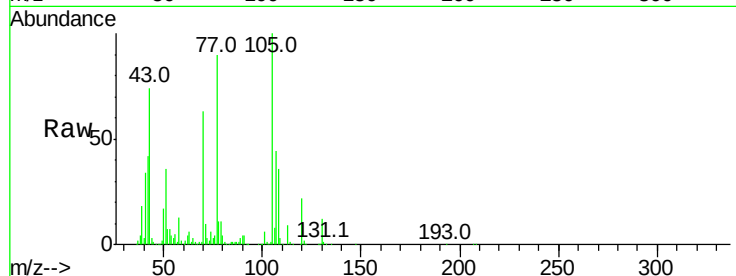




#19
n-Nitroso-di-n-propylamine
Concen: 23.240 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

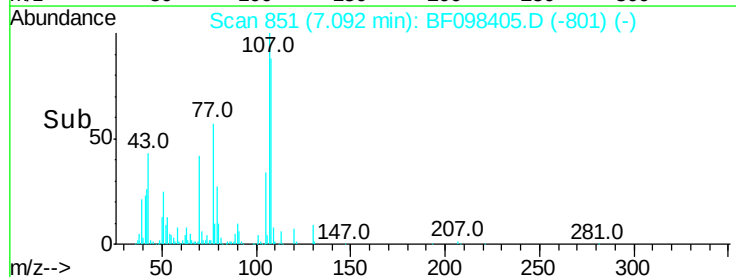
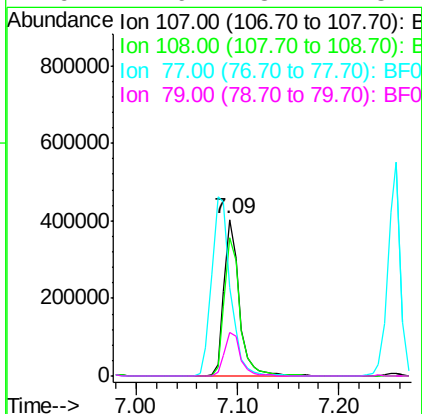
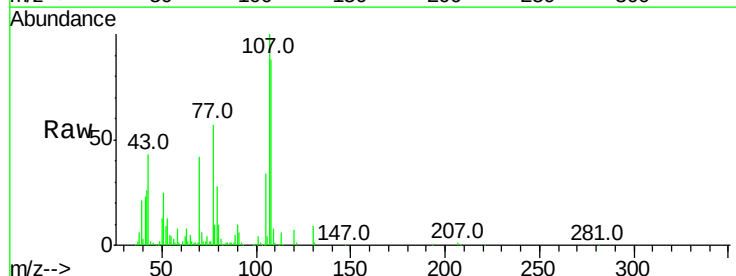
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

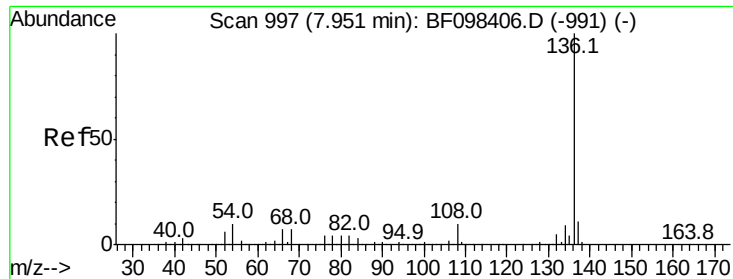
Tot Ion:	70	Resp:	287501
Ion	Ratio	Lower	Upper
70	100		
42	65.9	47.2	70.8
101	8.8	7.2	10.8
130	19.0	15.9	23.9



#20
3+4-Methylphenols
Concen: 28.072 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion:	107	Resp:	423821
Ion	Ratio	Lower	Upper
107	100		
108	88.1	71.0	111.0
77	56.8	90.5	130.5
79	27.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:136 Resp: 874130

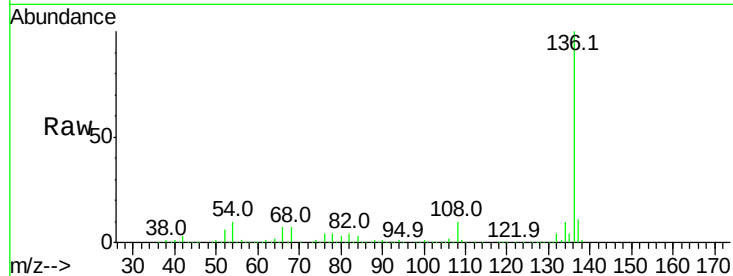
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 10.1 4.9 7.3#

68 7.2 4.1 6.1#

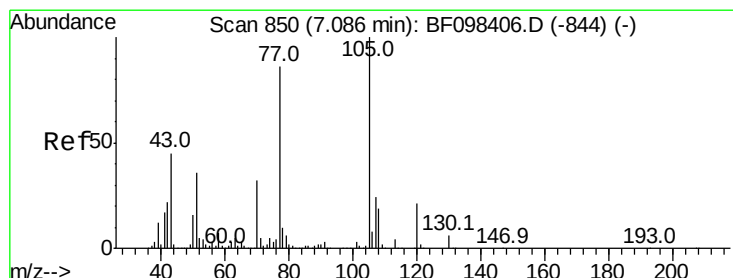
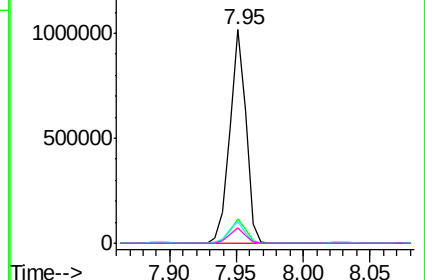
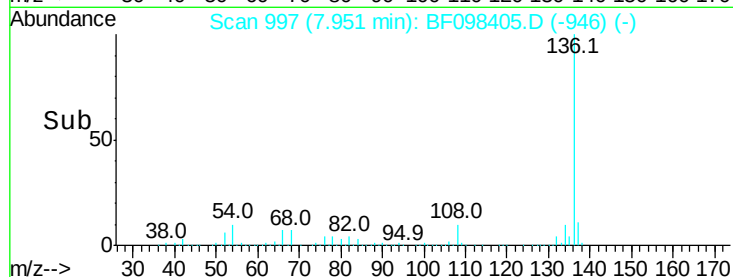


Abundance Ion 136.00 (135.70 to 136.70): E

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: 25.074 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Tgt Ion:105 Resp: 579009

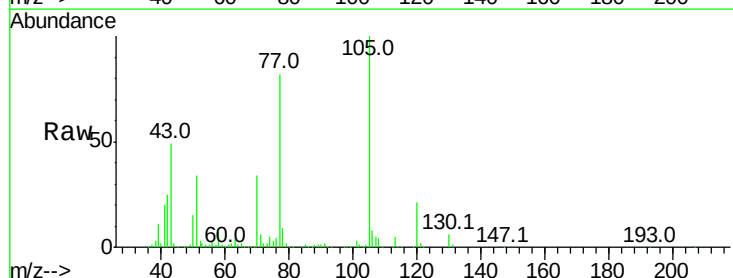
Ion Ratio Lower Upper

105 100

71 6.0 2.8 4.2#

51 34.0 30.7 46.1

120 20.8 17.4 26.0

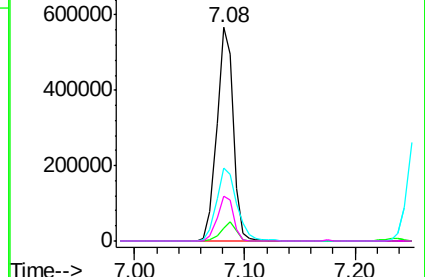
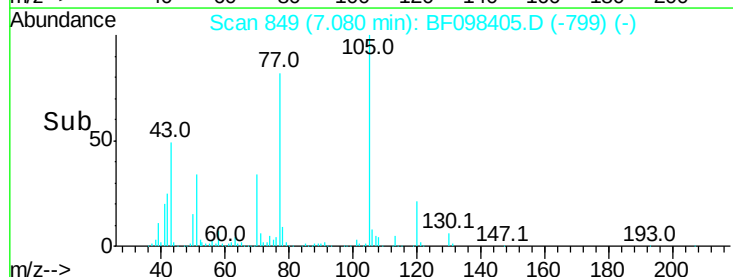


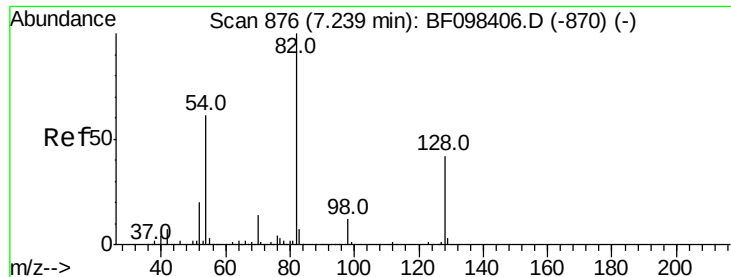
Abundance Ion 105.00 (104.70 to 105.70): E

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

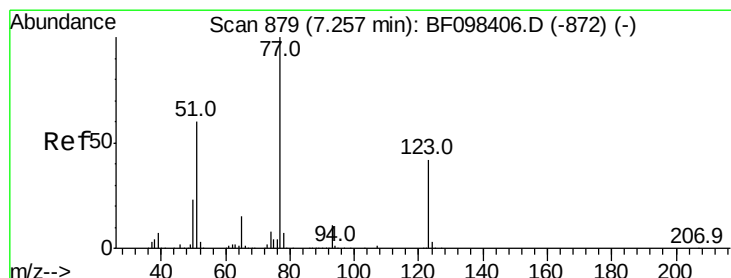
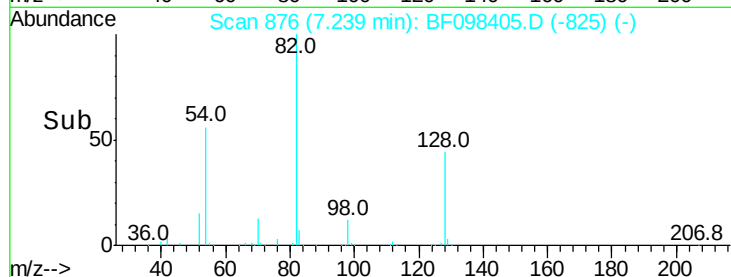
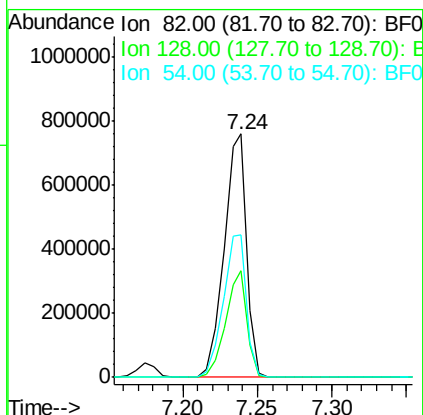
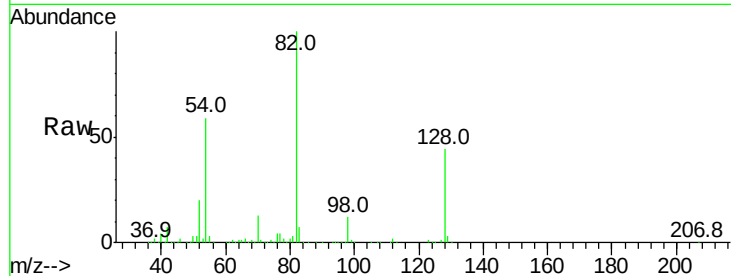




#23
Nitrobenzene-d5
Concen: 50.299 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

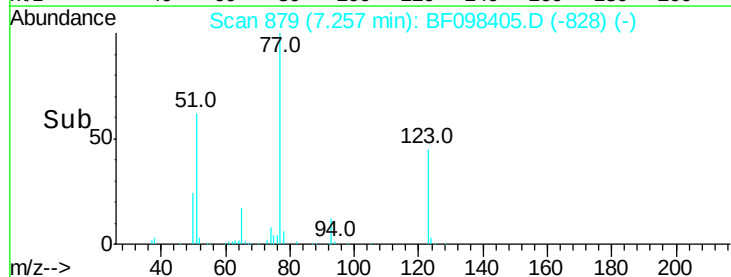
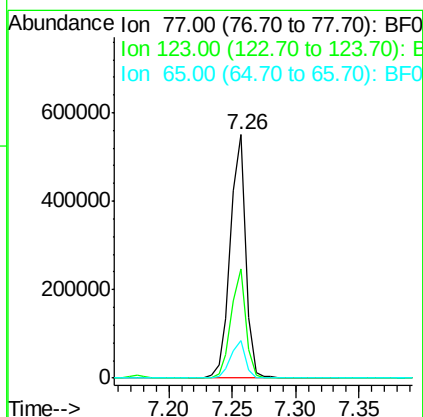
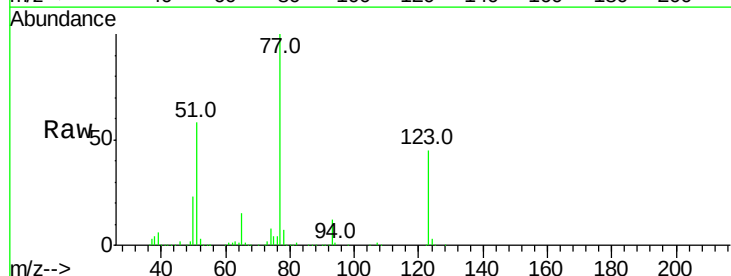
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

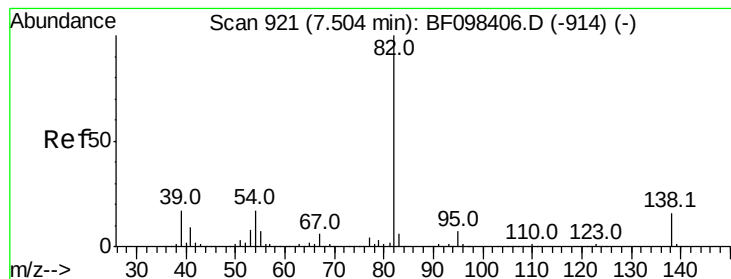
Tot Ion: 82 Resp: 809358
Ion Ratio Lower Upper
82 100
128 43.7 34.0 51.0
54 58.6 42.2 63.2



#24
Nitrobenzene
Concen: 25.711 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion: 77 Resp: 460648
Ion Ratio Lower Upper
77 100
123 44.6 35.8 53.8
65 15.4 10.6 15.8





#25

Isophorone

Concen: 23.882 ng

RT: 7.50 min Scan# 920

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

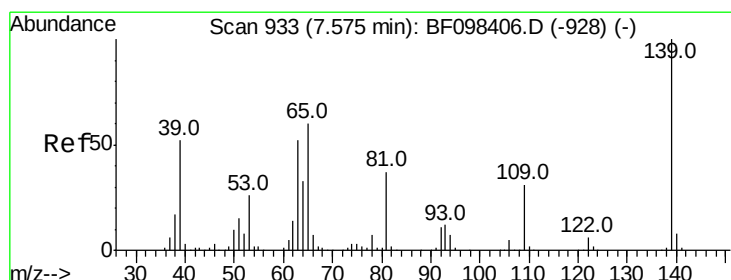
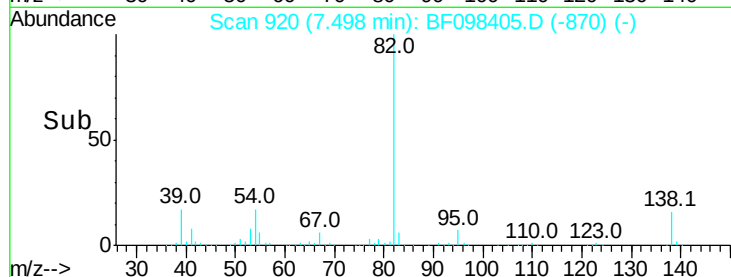
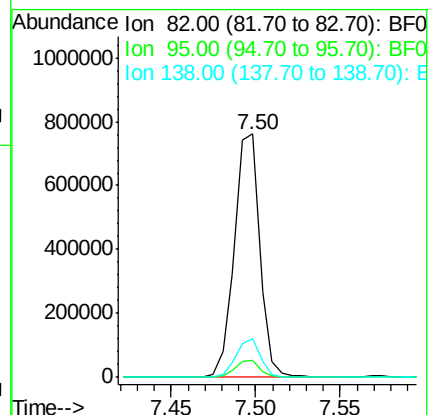
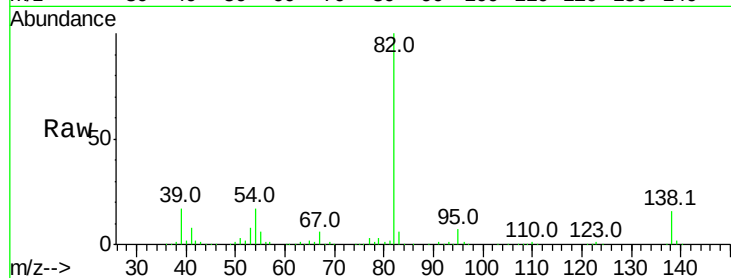
Tot Ion: 82 Resp: 799052

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 16.1 13.1 19.7



#26

2-Nitrophenol

Concen: 31.463 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

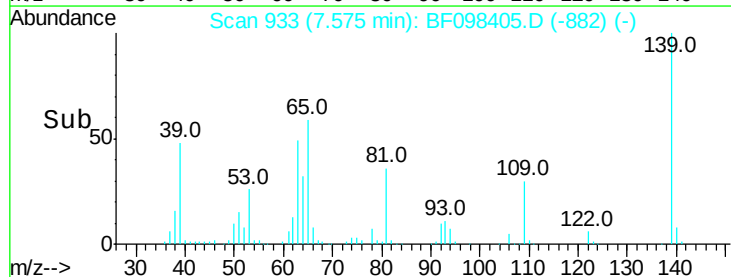
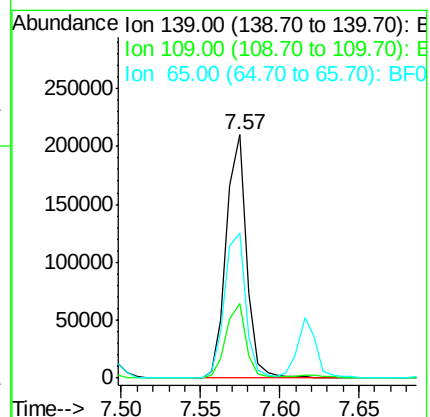
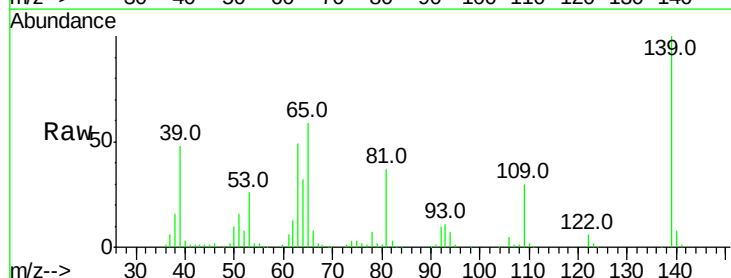
Tgt Ion: 139 Resp: 188191

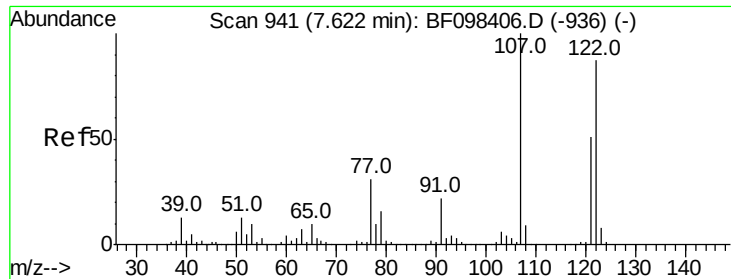
Ion Ratio Lower Upper

139 100

109 30.4 21.0 31.6

65 59.4 33.0 49.6#





#27

2,4-Dimethylphenol

Concen: 25.027 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

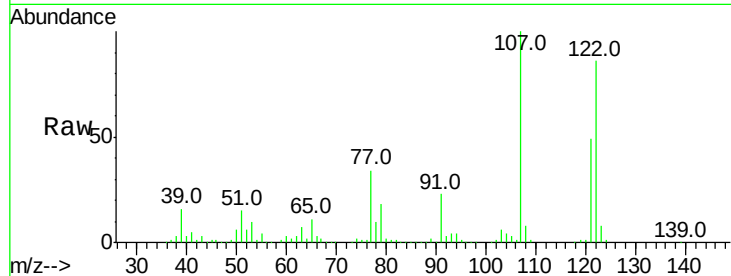
Tot Ion:122 Resp: 349227

Ion Ratio Lower Upper

122 100

107 116.8 89.2 133.8

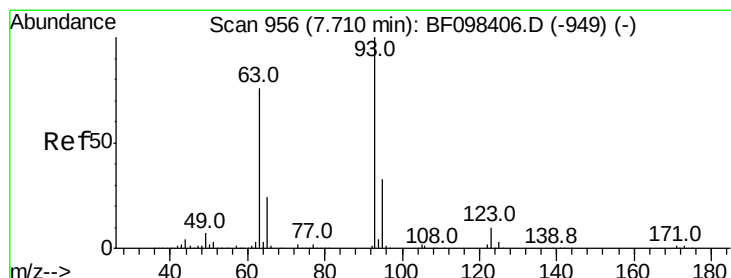
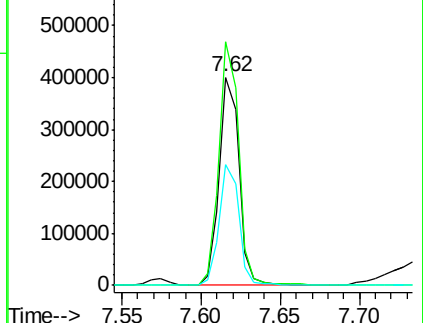
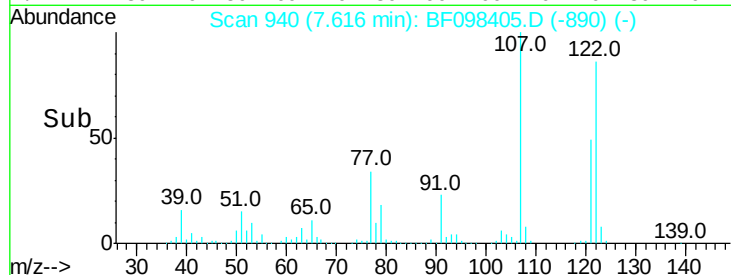
121 57.7 45.2 67.8



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: 22.219 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

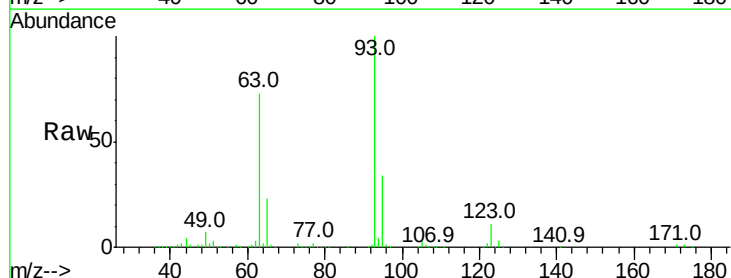
Tgt Ion: 93 Resp: 488748

Ion Ratio Lower Upper

93 100

95 33.9 26.5 39.7

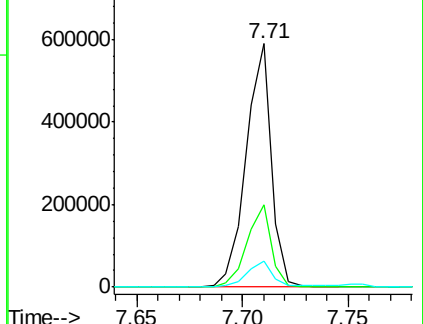
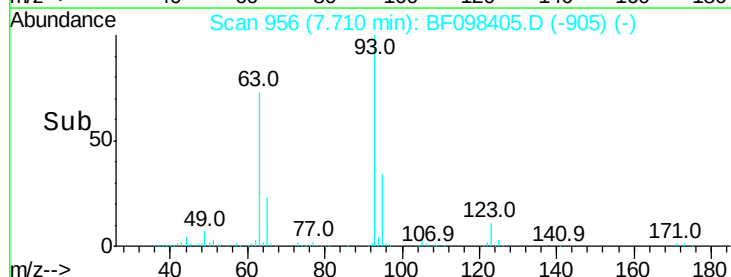
123 10.7 9.0 13.4

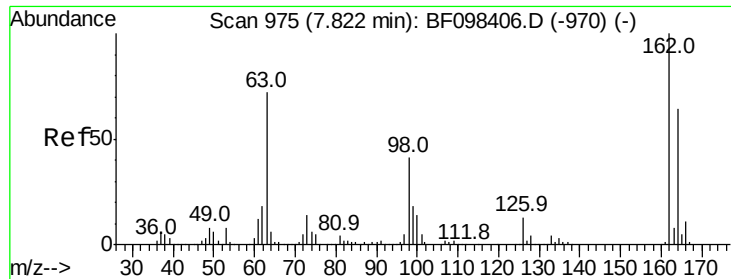


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

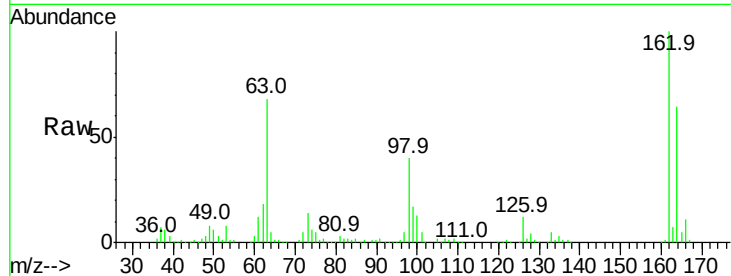




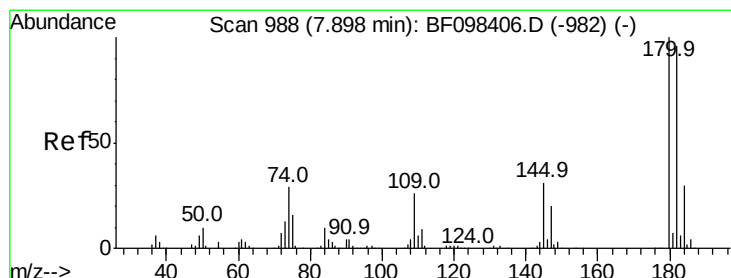
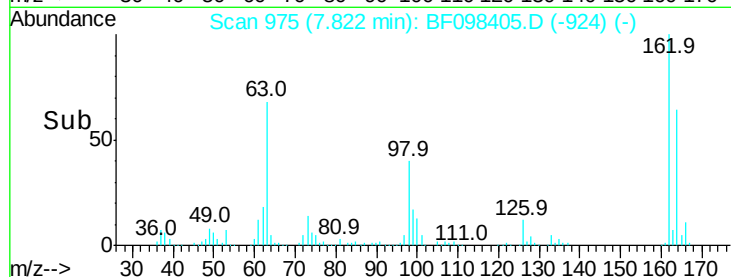
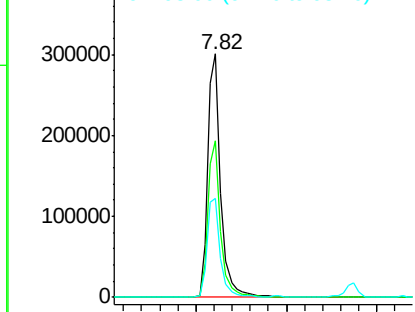
#29
 2,4-Dichlorophenol
 Concen: 26.228 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	40.4	14.8	54.8

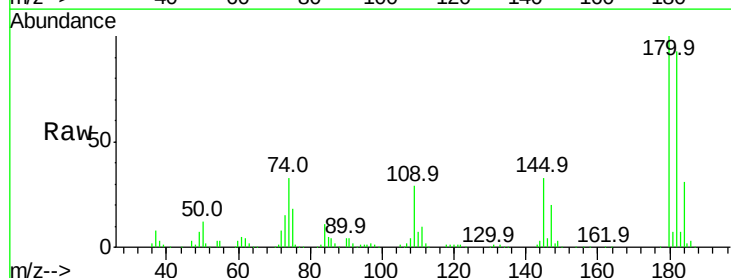


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

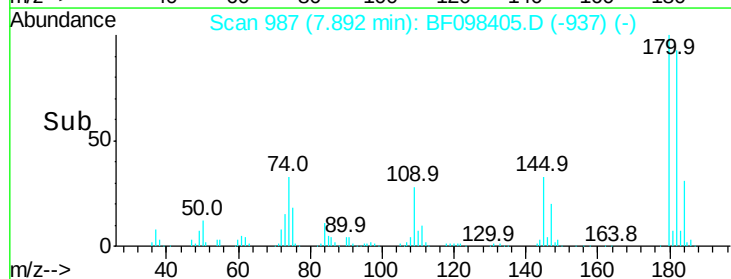
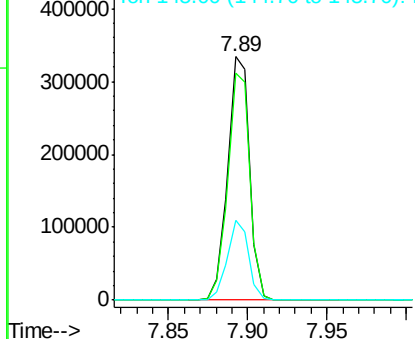


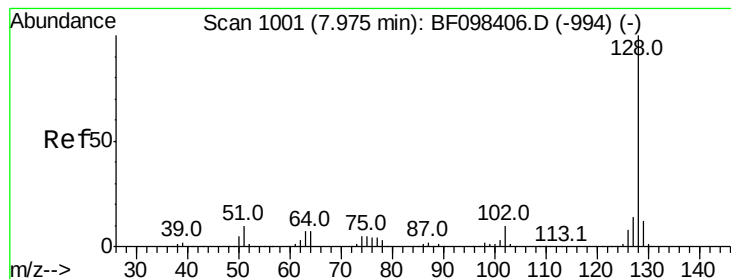
#30
 1,2,4-Trichlorobenzene
 Concen: 24.870 ng
 RT: 7.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.8	113.6
145	32.8	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: 24.491 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

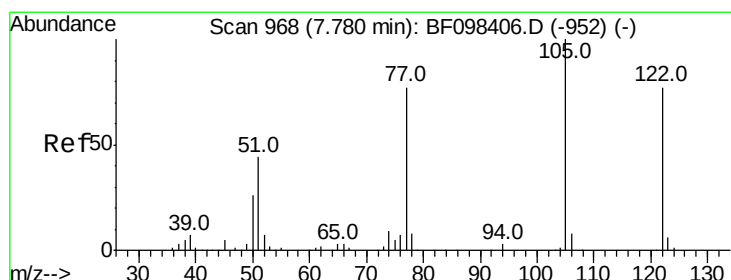
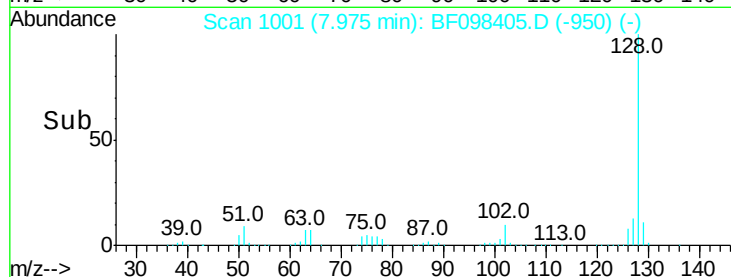
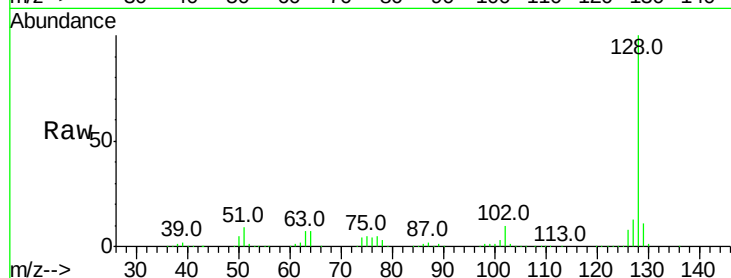
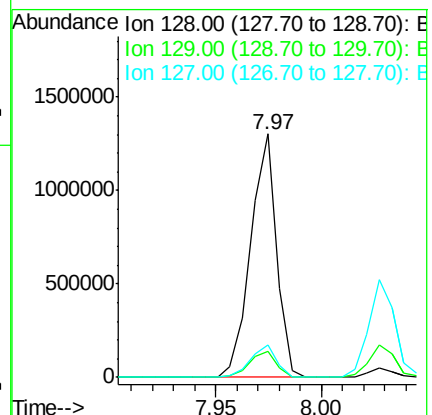
BNA_F

ClientSampleId :

SSTDIC025

Tot Ion:128 Resp: 1111425

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	10.8	16.2



#32

Benzoic acid

Concen: 19.465 ng

RT: 7.76 min Scan# 964

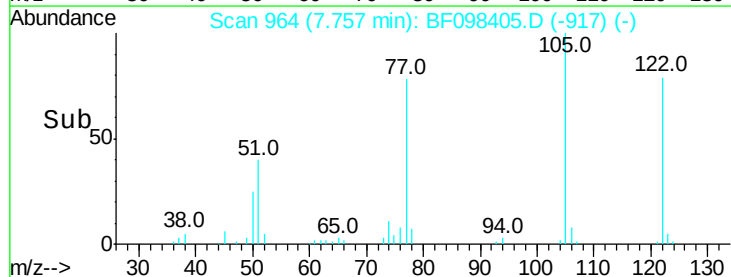
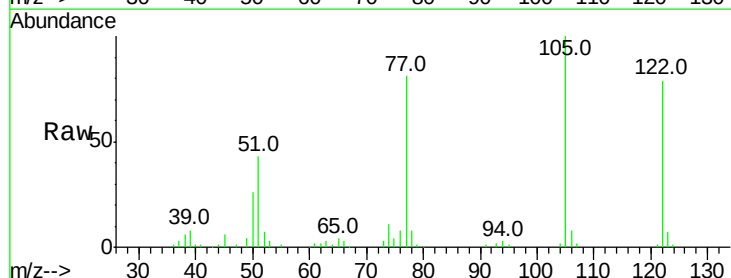
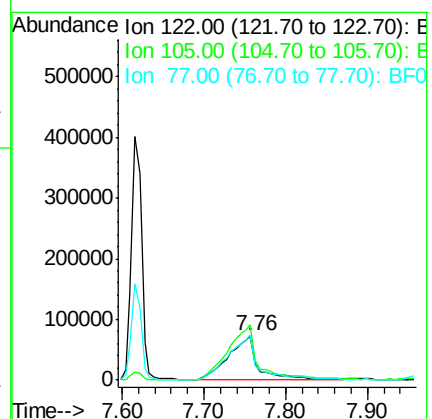
Delta R.T. -0.02 min

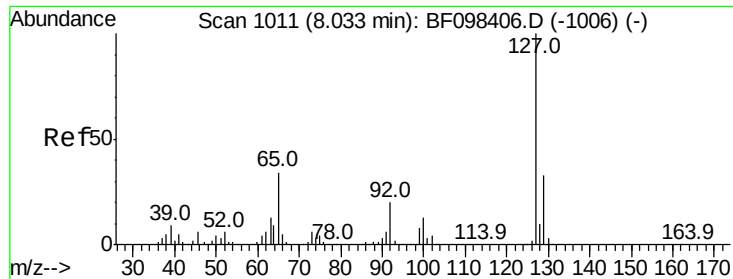
Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Tgt Ion:122 Resp: 180261

Ion	Ratio	Lower	Upper
122	100		
105	127.0	103.3	143.3
77	103.0	73.7	113.7

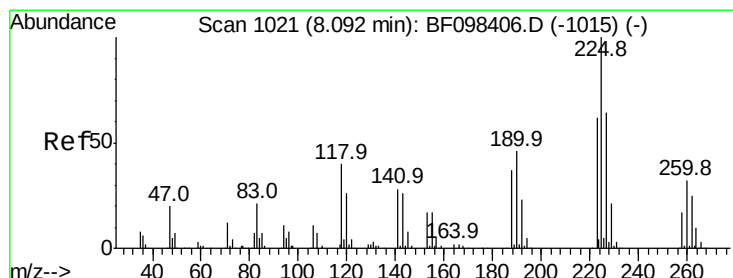
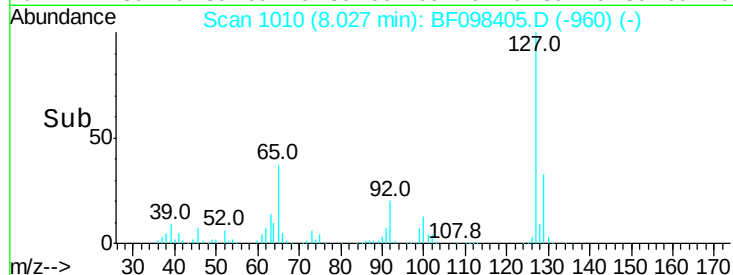
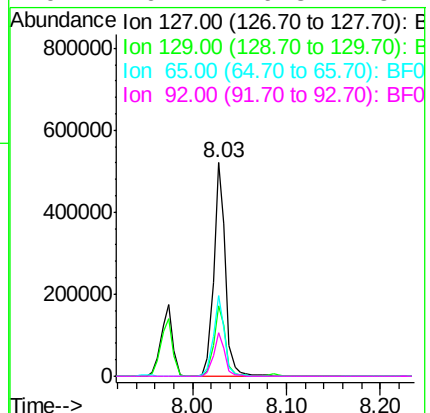
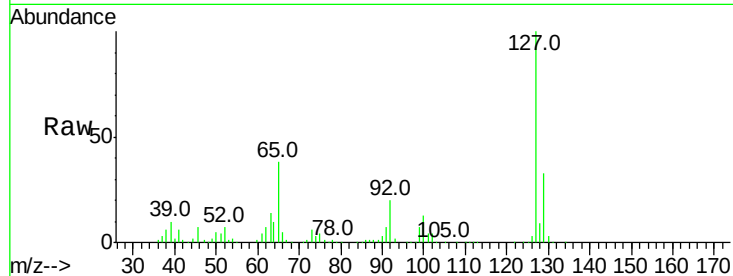




#33
4-Chloroaniline
Concen: 23.892 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

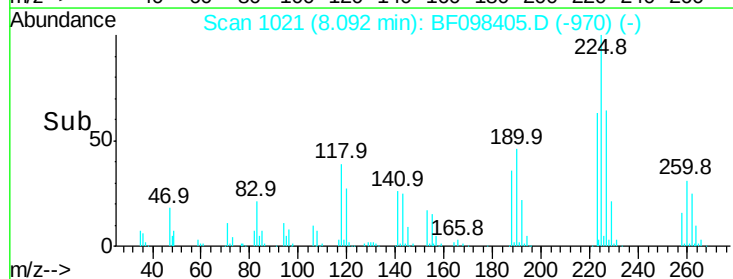
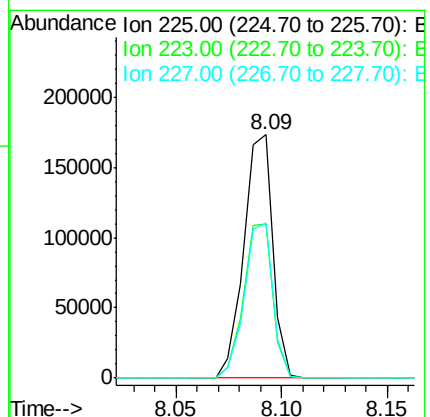
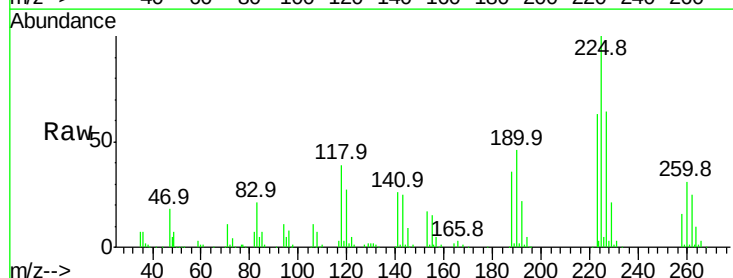
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

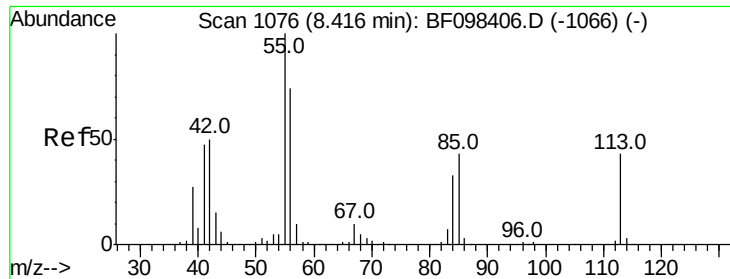
Tot Ion:	127	Resp:	457269
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	38.0	27.8	41.8
92	20.2	16.8	25.2



#34
Hexachlorobutadiene
Concen: 21.983 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion:	225	Resp:	164815
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	63.6	51.1	76.7

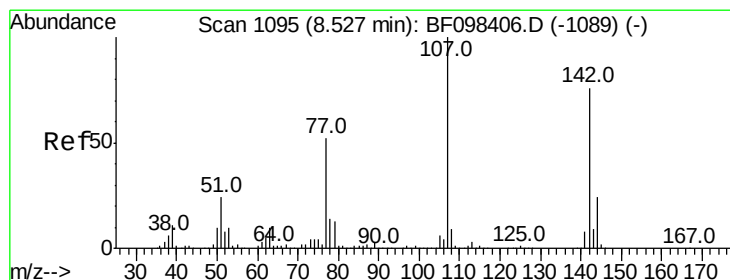
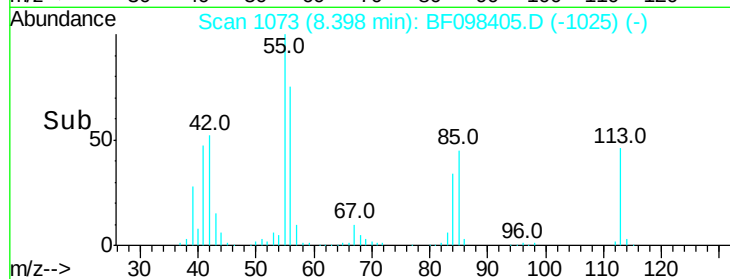
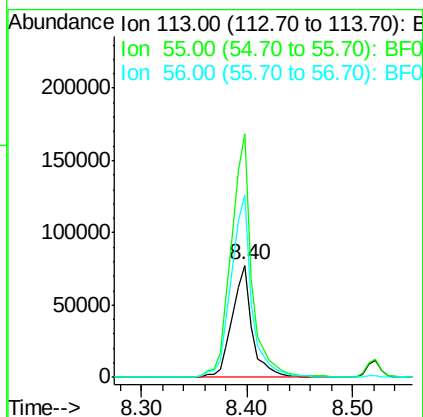
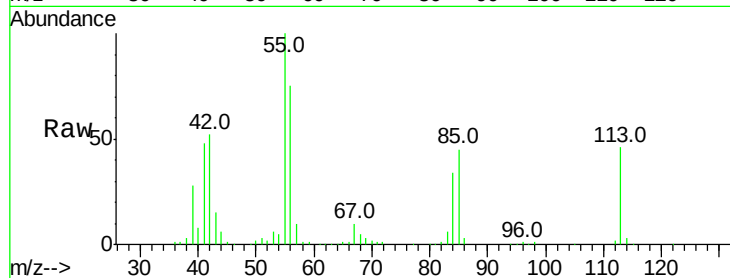




#35
 Caprolactam
 Concen: 25.626 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

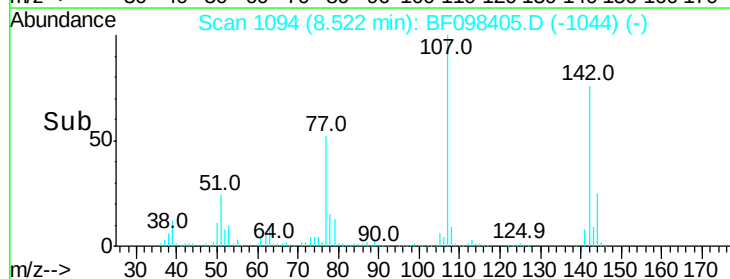
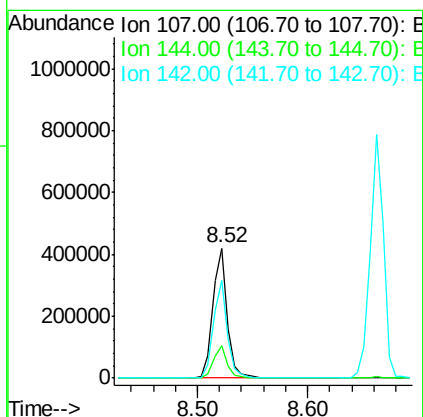
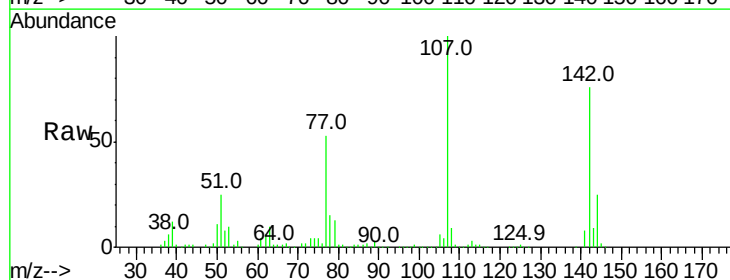
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

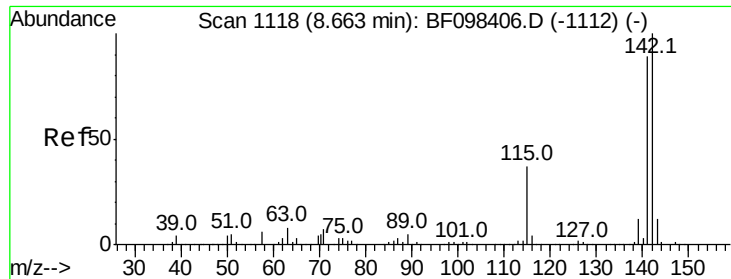
Tot Ion:113 Resp: 100913
 Ion Ratio Lower Upper
 113 100
 55 217.7 150.2 190.2#
 56 162.6 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 24.942 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion:107 Resp: 371193
 Ion Ratio Lower Upper
 107 100
 144 24.8 24.2 36.4
 142 75.5 73.4 110.0

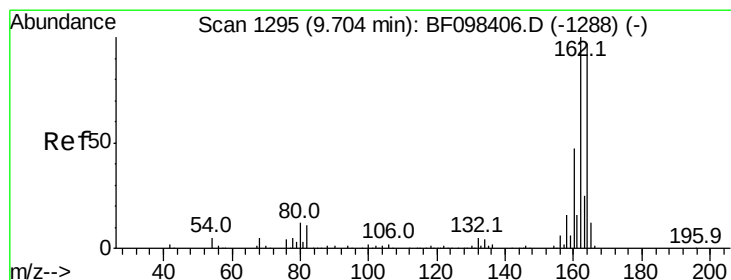
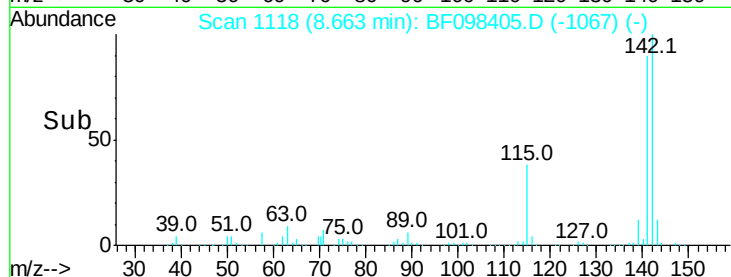
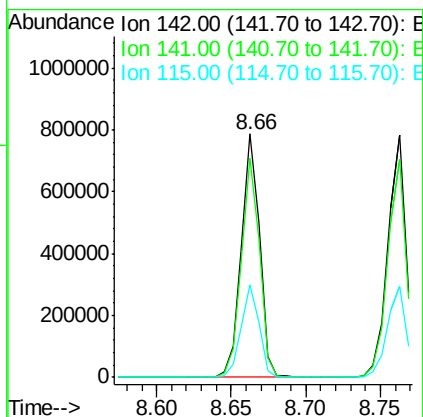
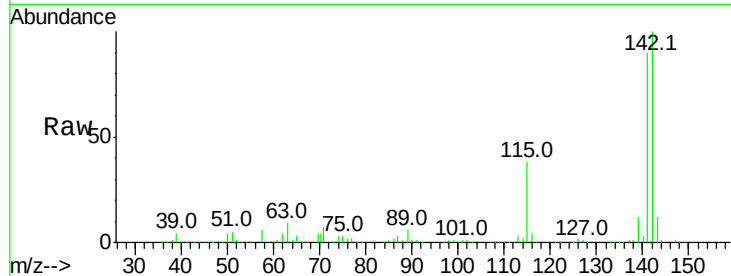




#37
2-Methylnaphthalene
Concen: 24.134 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

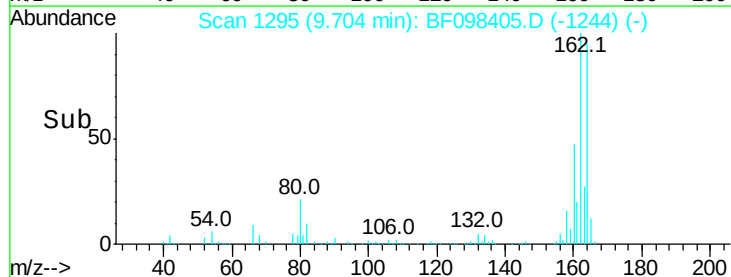
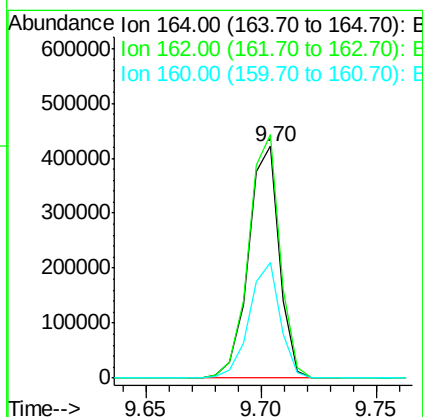
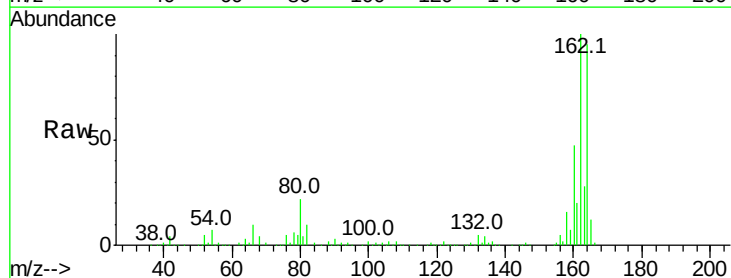
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

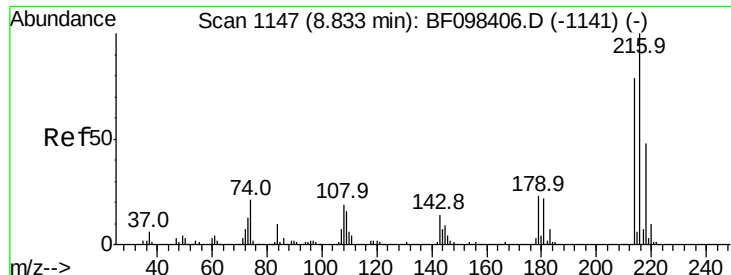
Tot Ion:142 Resp: 671472
Ion Ratio Lower Upper
142 100
141 89.9 71.3 106.9
115 37.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion:164 Resp: 393627
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 49.7 36.2 54.2

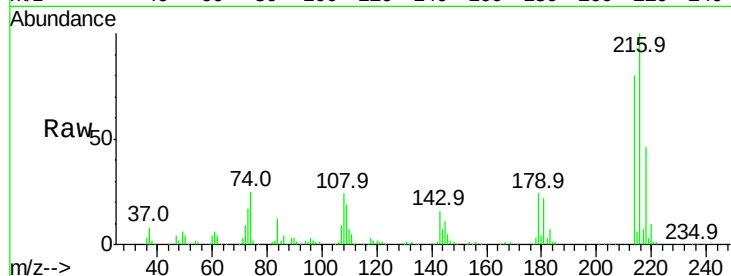




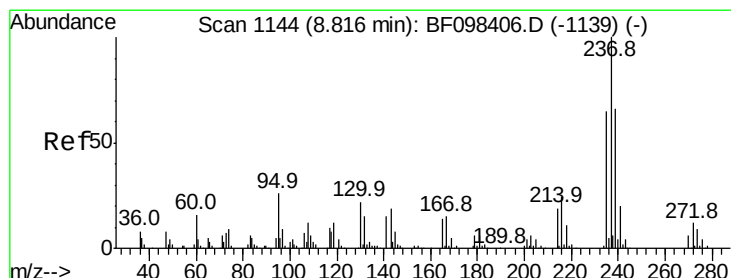
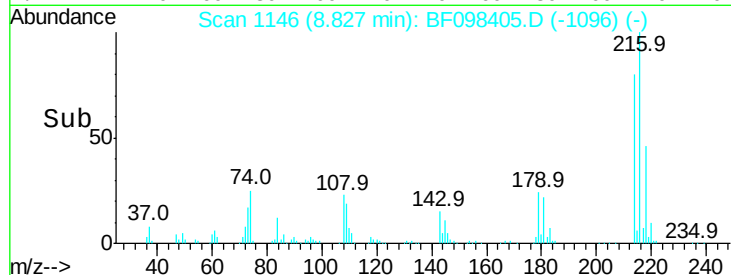
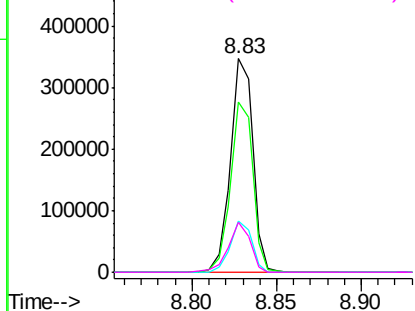
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.294 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:	216	Resp:	317638
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	23.0	17.9	26.9
108	23.0	16.5	24.7

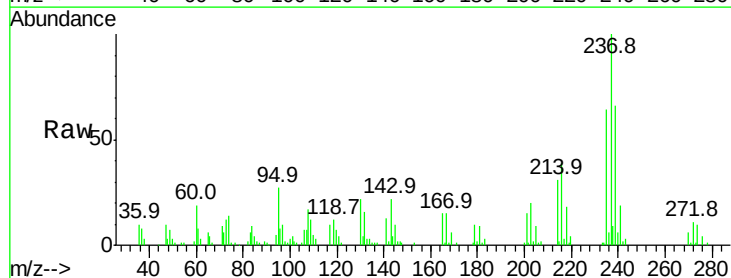


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

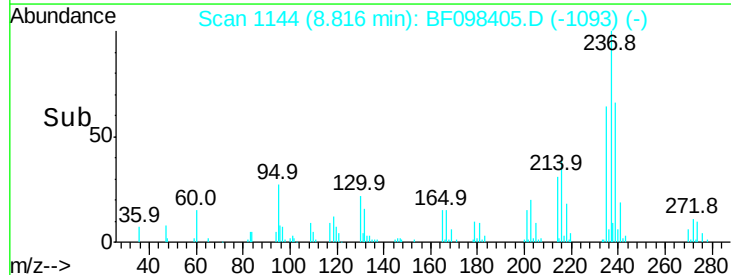
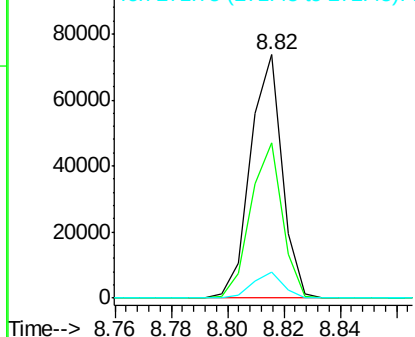


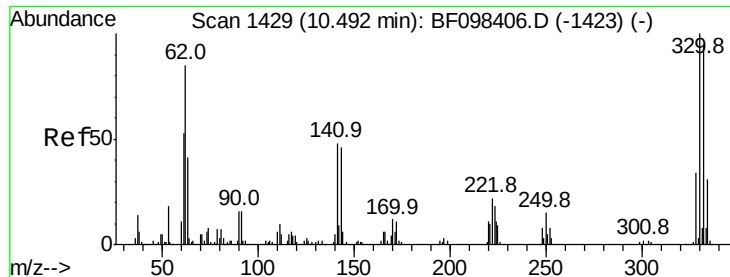
#40
 Hexachlorocyclopentadiene
 Concen: 9.838 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion:	237	Resp:	57095
Ion	Ratio	Lower	Upper
237	100		
235	64.0	42.6	82.6
272	10.8	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: 40.798 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

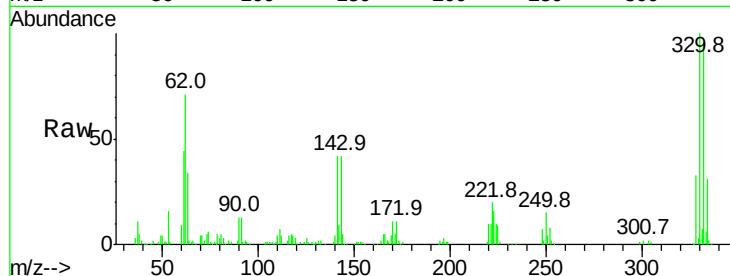
Tot Ion:330 Resp: 139340

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

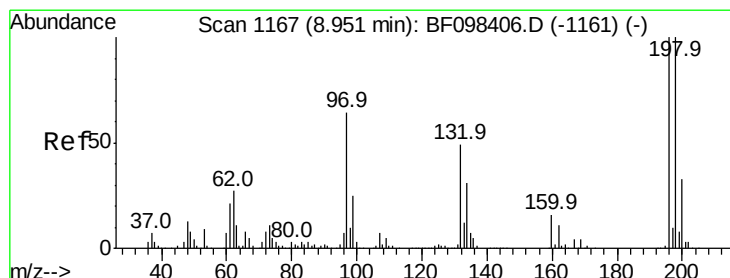
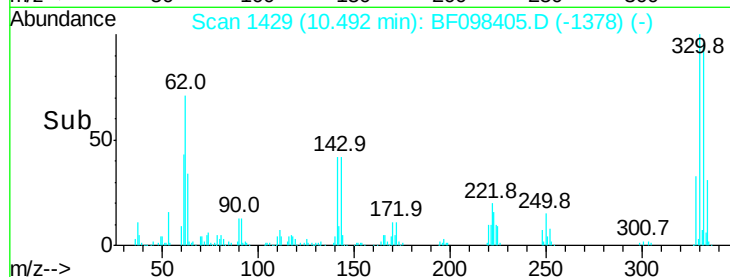
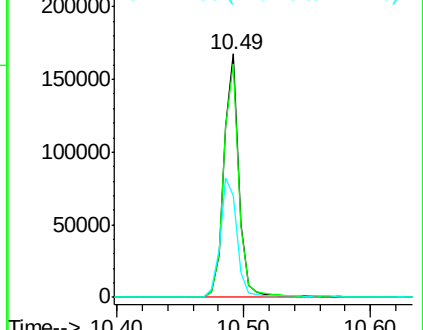
141 54.9 31.4 47.2#



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: 23.403 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

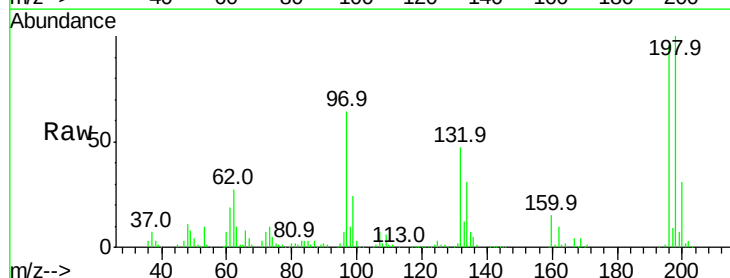
Tgt Ion:196 Resp: 189806

Ion Ratio Lower Upper

196 100

198 104.2 74.2 111.4

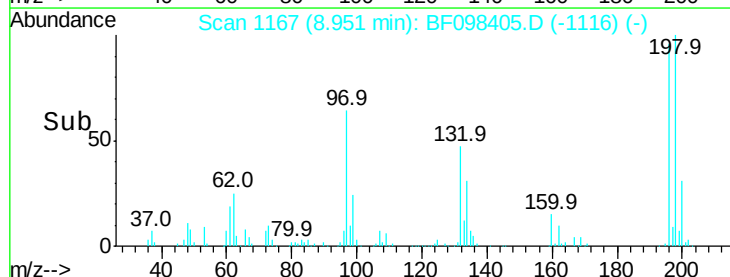
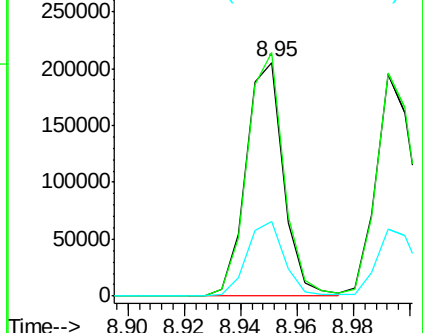
200 32.0 24.0 36.0

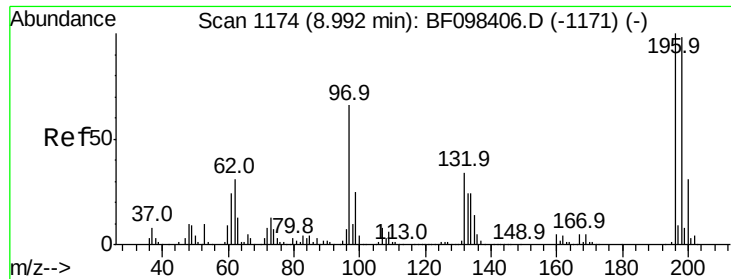


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

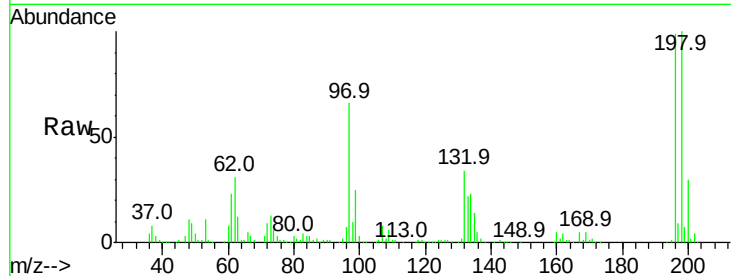




#43
 2,4,5-Trichlorophenol
 Concen: 24.829 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.0	75.7	113.5
97	66.2	47.7	71.5
132	34.1	28.0	42.0



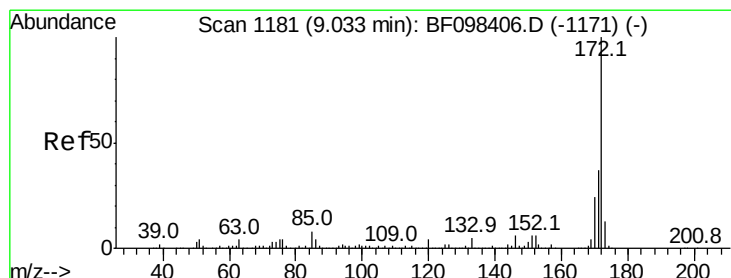
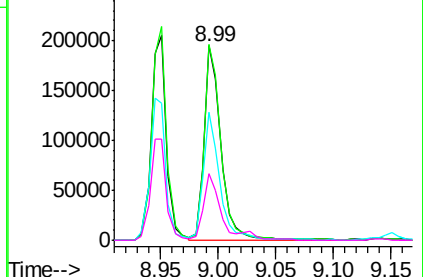
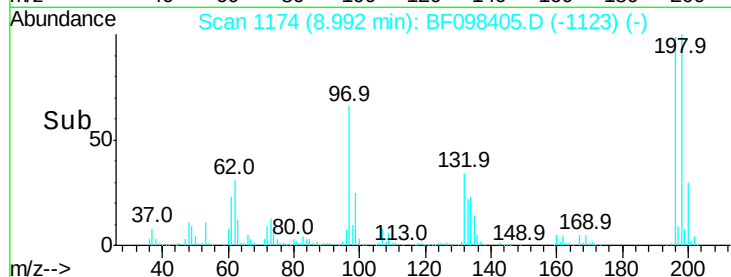
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

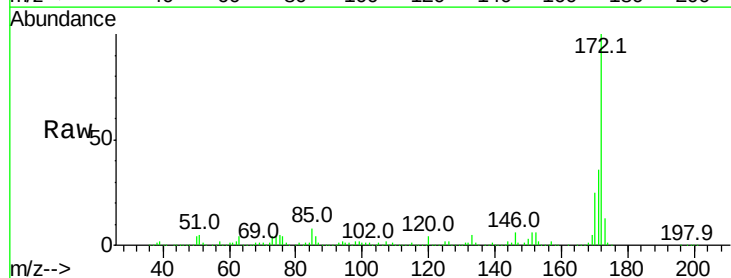
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 47.291 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.7	19.8	29.8

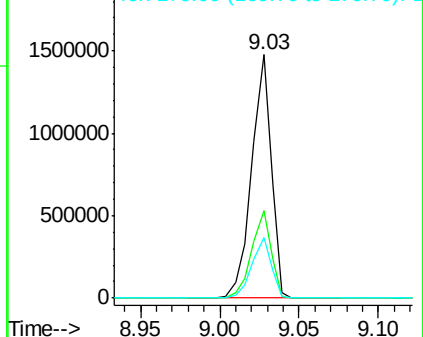
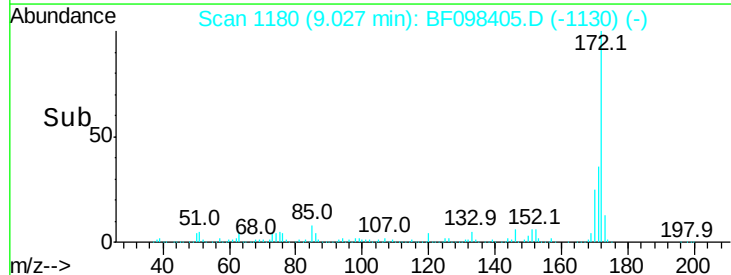


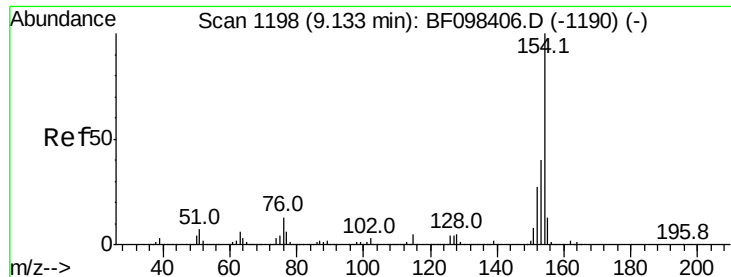
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 25.497 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

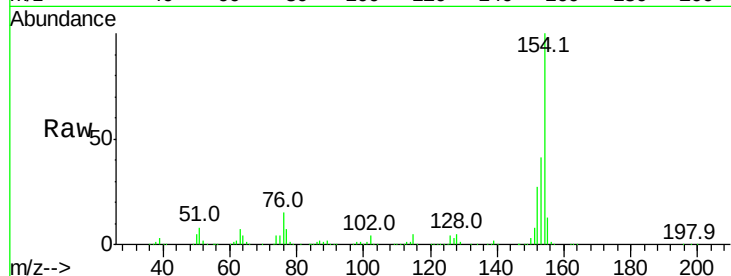
Tot Ion:154 Resp: 915201

Ion Ratio Lower Upper

154 100

153 40.9 21.2 61.2

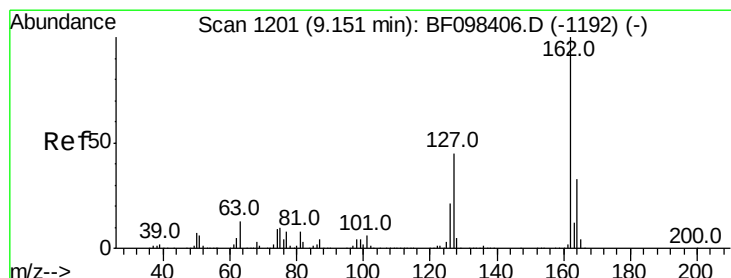
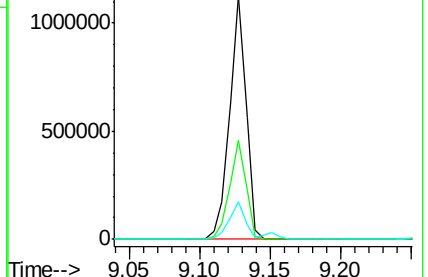
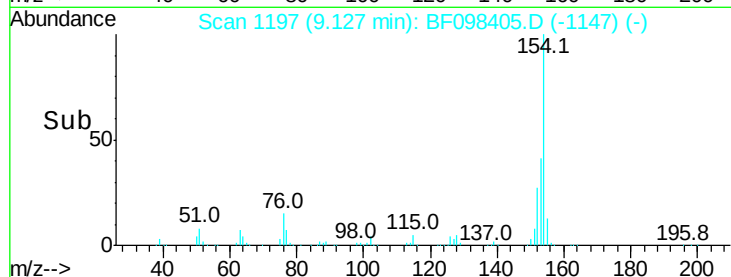
76 15.2 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 24.433 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

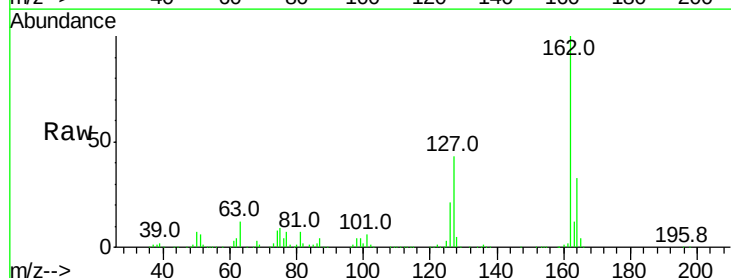
Tgt Ion:162 Resp: 648017

Ion Ratio Lower Upper

162 100

127 43.2 28.3 42.5#

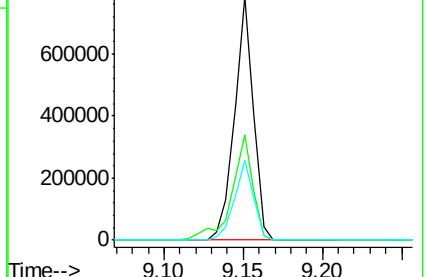
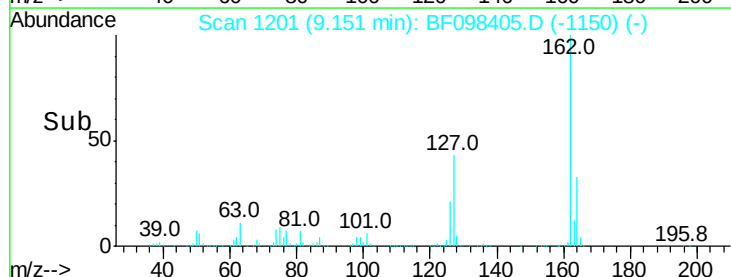
164 32.9 27.0 40.4

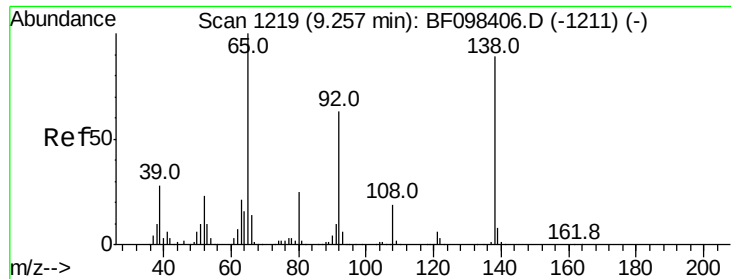


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

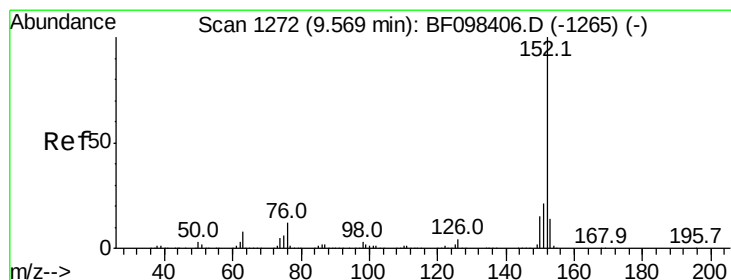
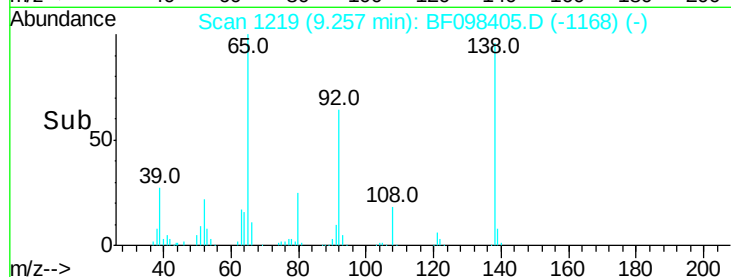
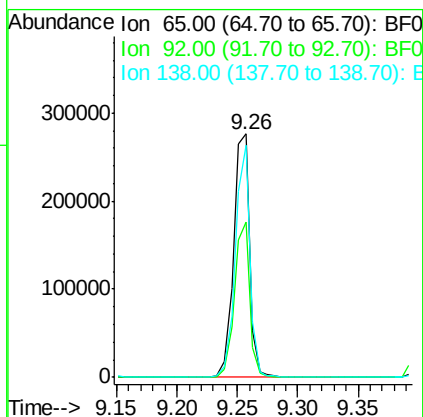
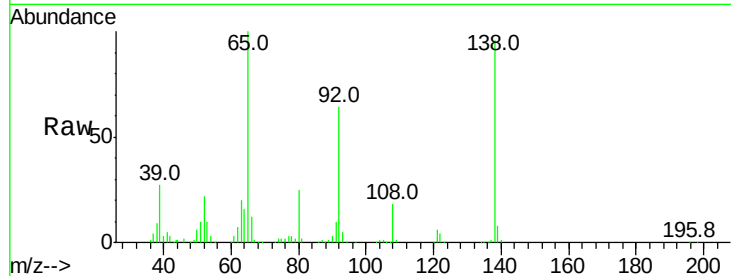




#47
2-Nitroaniline
Concen: 29.005 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

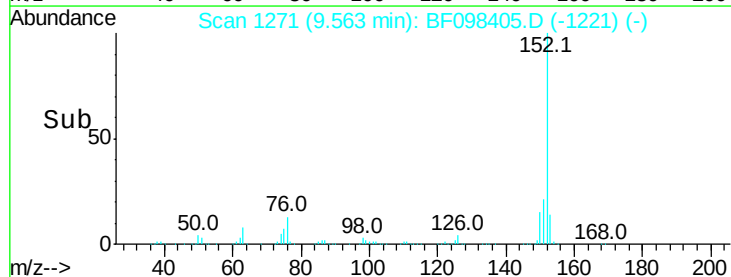
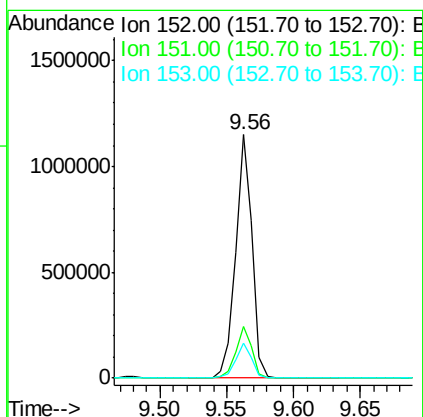
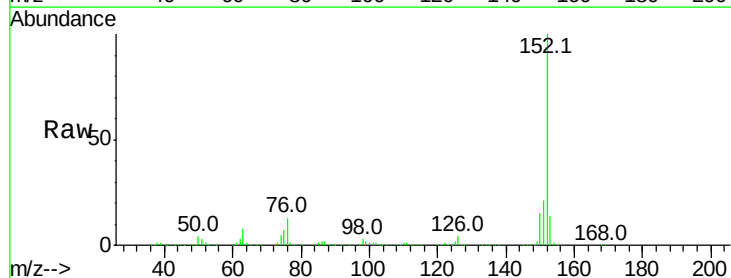
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

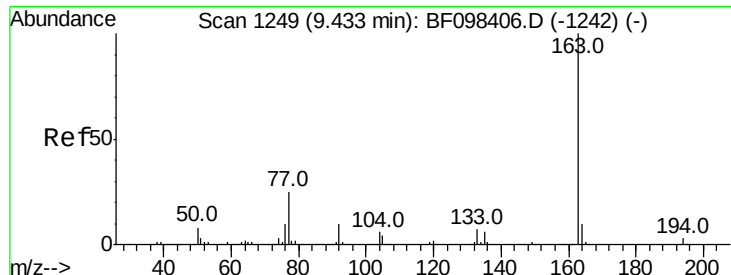
Tot Ion: 65 Resp: 257890
Ion Ratio Lower Upper
65 100
92 63.8 53.9 80.9
138 95.5 78.8 118.2



#48
Acenaphthylene
Concen: 23.798 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion: 152 Resp: 991176
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.1 10.8 16.2

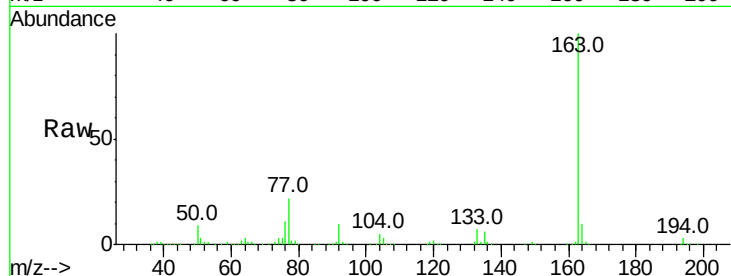




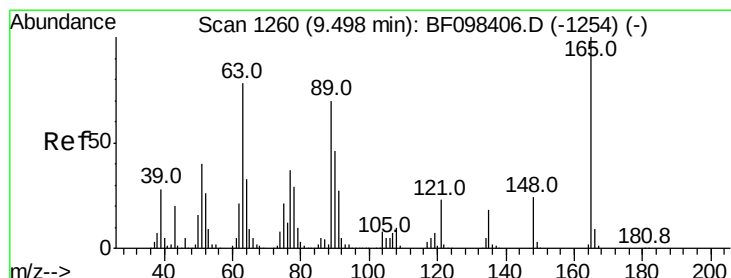
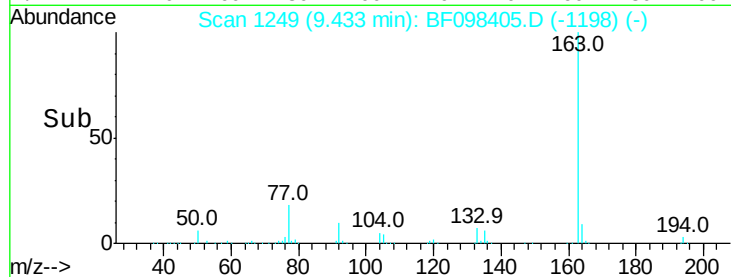
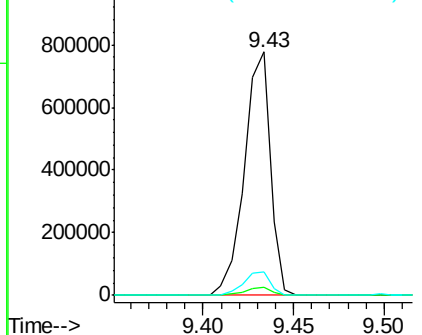
#49
Dimethylphthalate
Concen: 26.939 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion:163 Resp: 775119
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.7 8.4 12.6

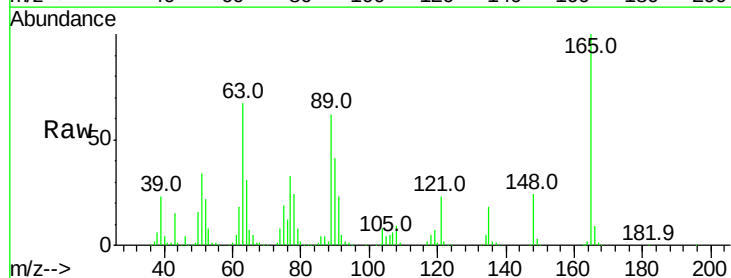


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

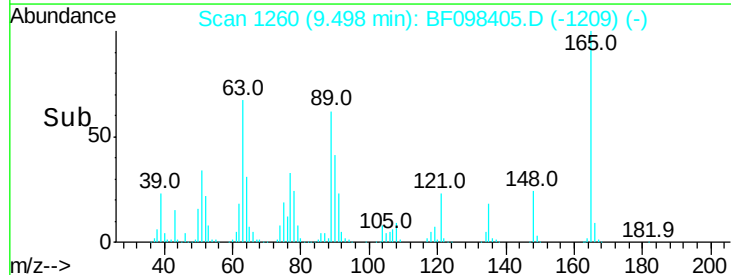
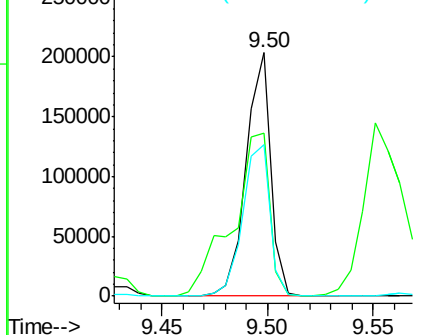


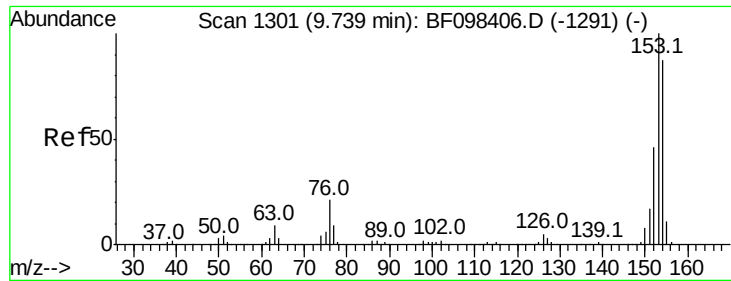
#50
2,6-Dinitrotoluene
Concen: 28.610 ng
RT: 9.50 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion:165 Resp: 164317
Ion Ratio Lower Upper
165 100
63 67.0 34.3 51.5#
89 62.2 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 23.224 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

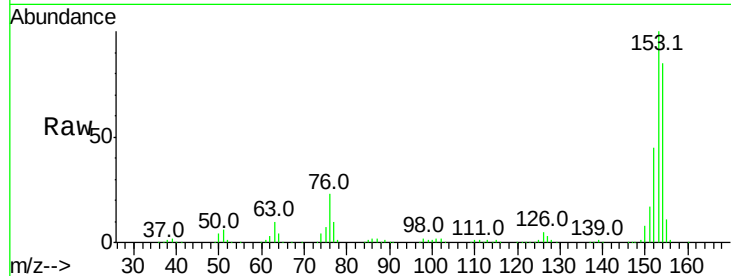
Tot Ion:154 Resp: 610031

Ion Ratio Lower Upper

154 100

153 117.2 90.5 135.7

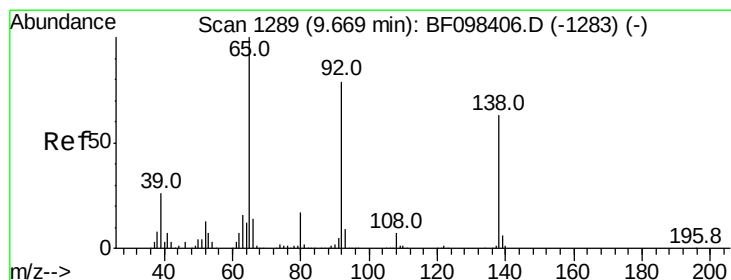
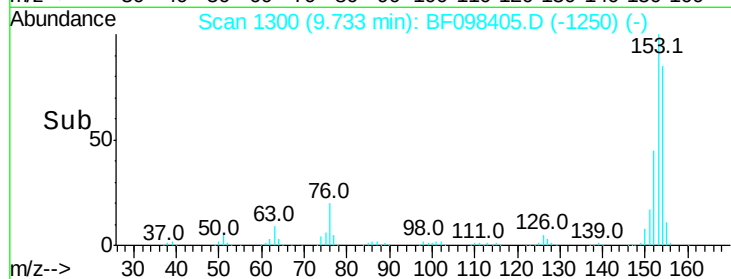
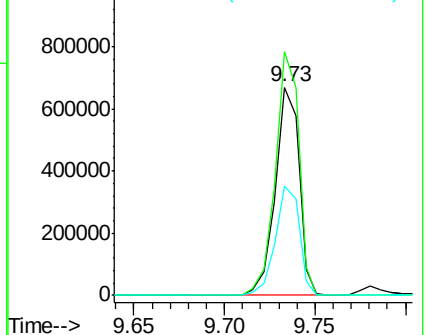
152 52.8 43.6 65.4



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: 26.858 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

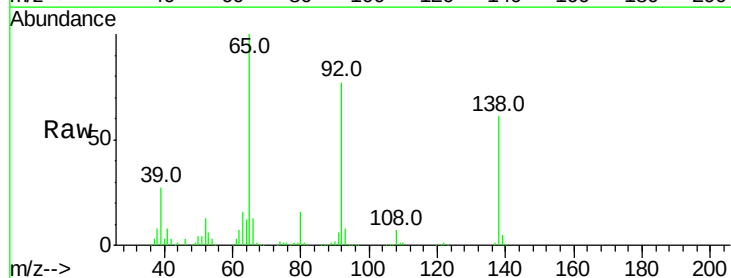
Tgt Ion:138 Resp: 199020

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

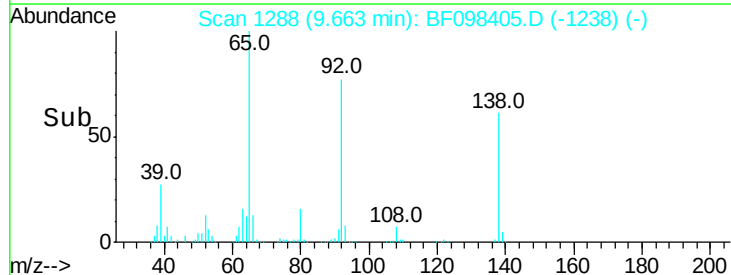
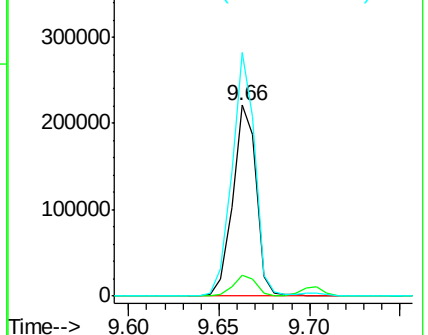
92 127.5 93.8 140.6

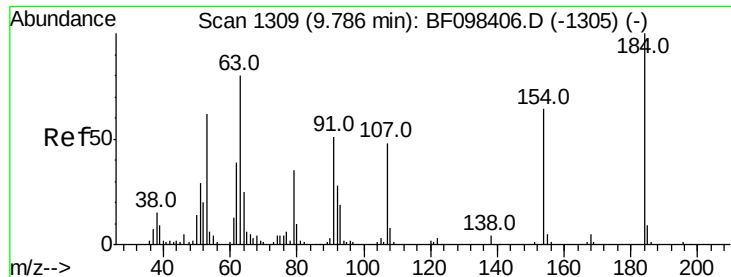


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

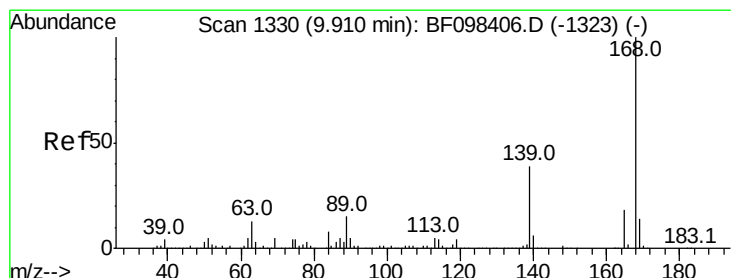
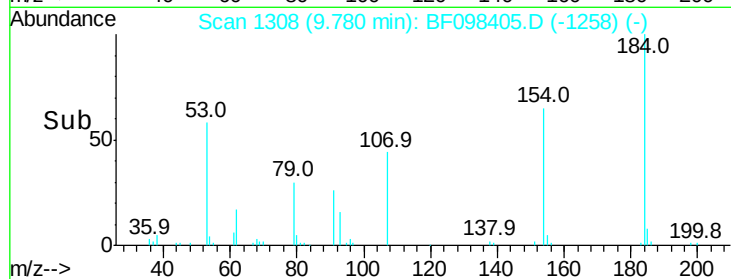
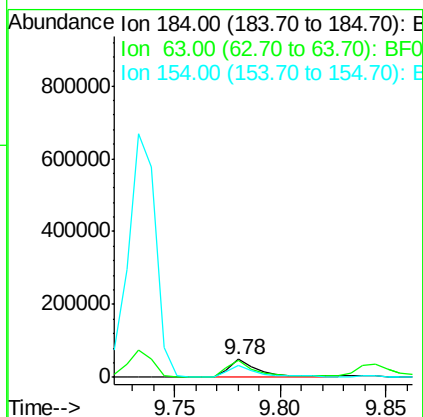
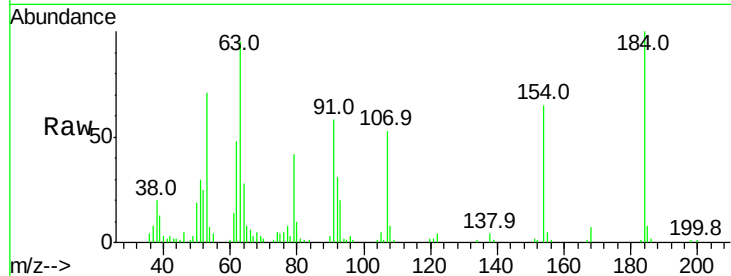




#53
 2,4-Dinitrophenol
 Concen: 23.951 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

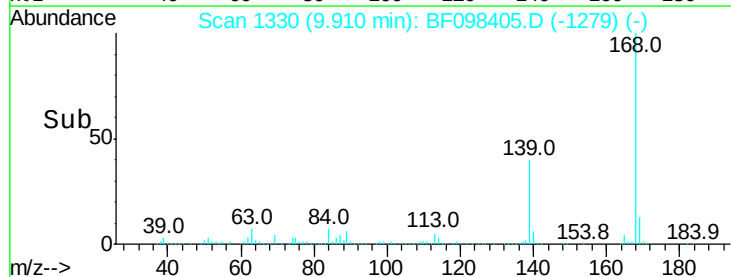
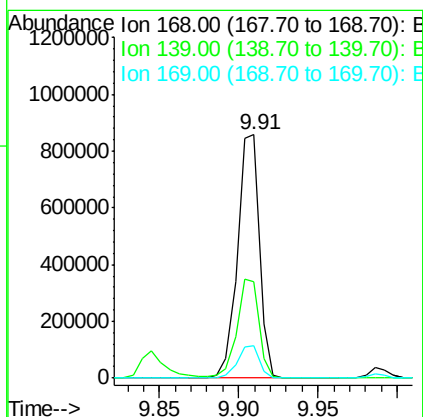
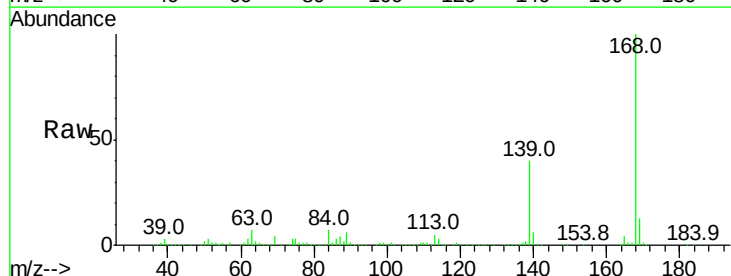
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

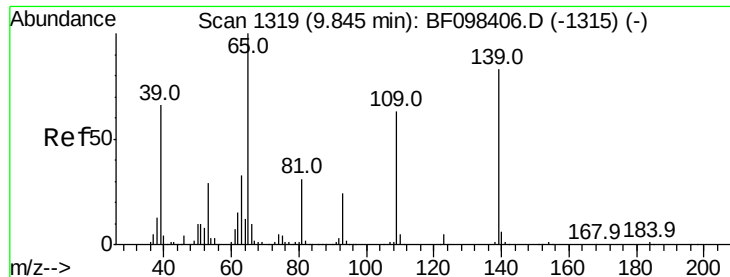
Tot Ion:184 Resp: 50087
 Ion Ratio Lower Upper
 184 100
 63 94.7 62.7 94.1#
 154 65.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 23.392 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion:168 Resp: 823513
 Ion Ratio Lower Upper
 168 100
 139 39.6 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 18.311 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

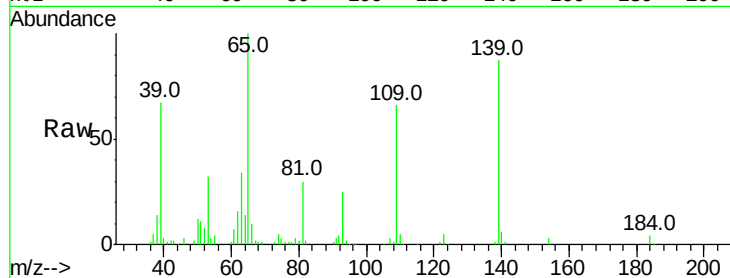
Tot Ion:139 Resp: 108239

Ion Ratio Lower Upper

139 100

109 75.9 34.1 74.1#

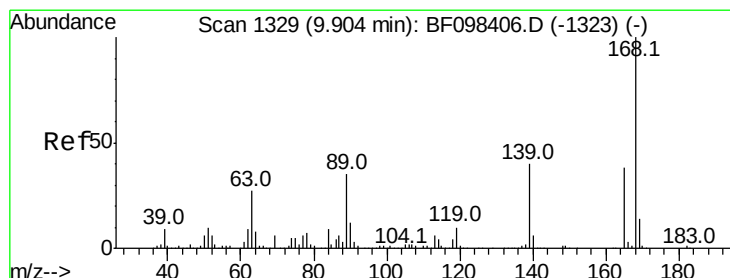
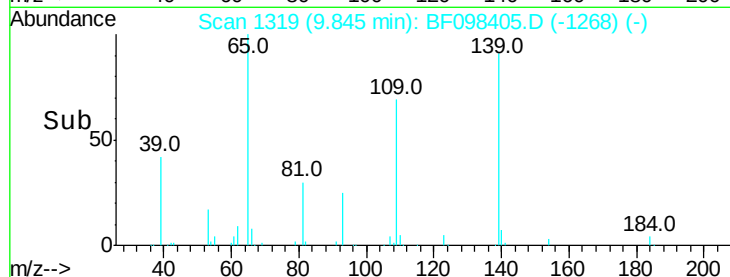
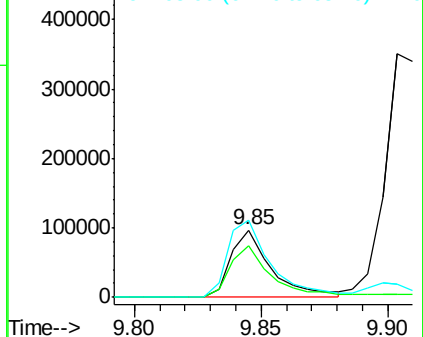
65 114.7 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 29.374 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Tgt Ion:165 Resp: 211717

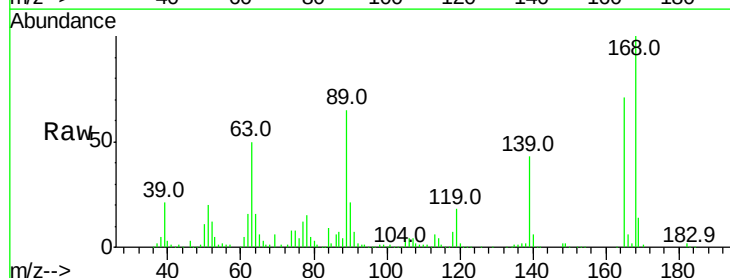
Ion Ratio Lower Upper

165 100

63 70.1 25.4 38.0#

89 91.3 46.4 69.6#

182 2.2 1.8 2.6

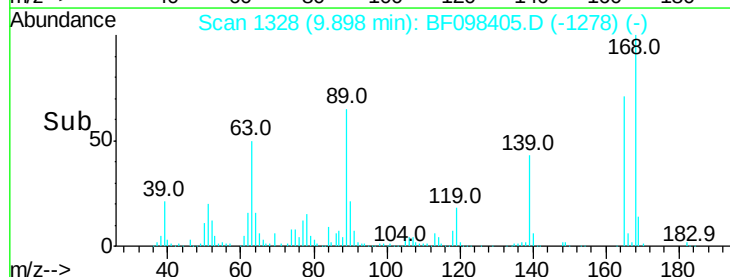
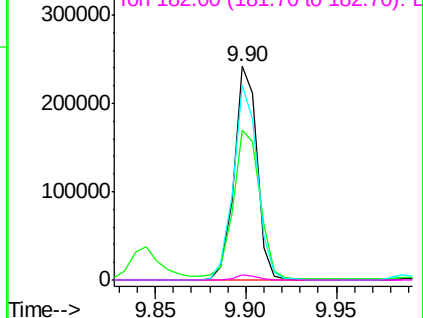


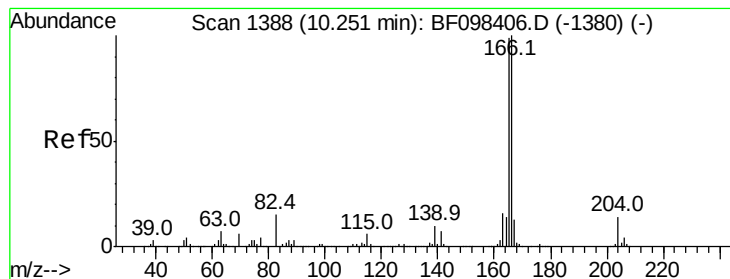
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 25.086 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

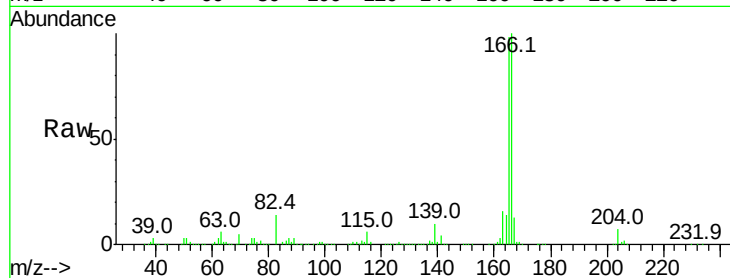
Tot Ion:166 Resp: 682800

Ion Ratio Lower Upper

166 100

165 98.0 78.8 118.2

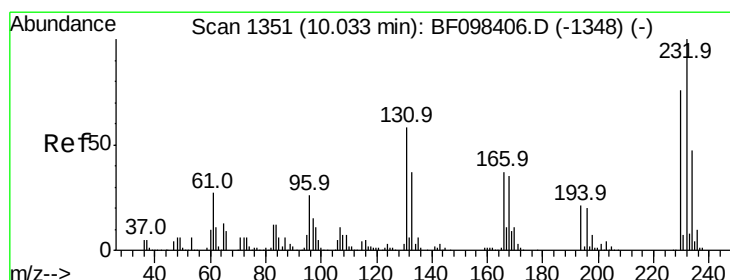
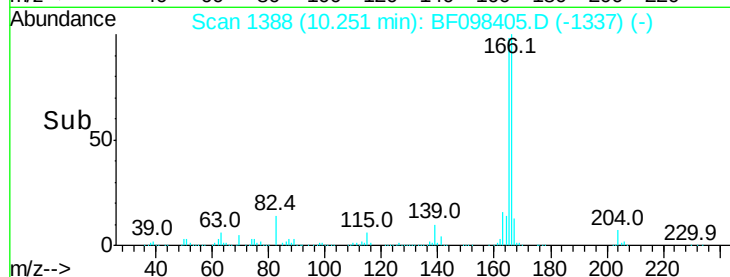
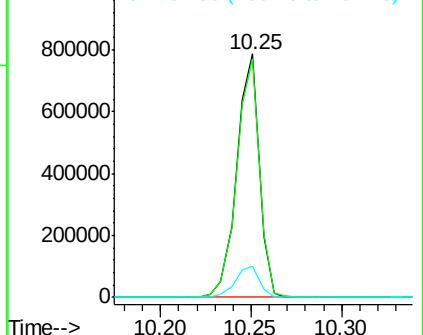
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.240 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Tgt Ion:232 Resp: 132316

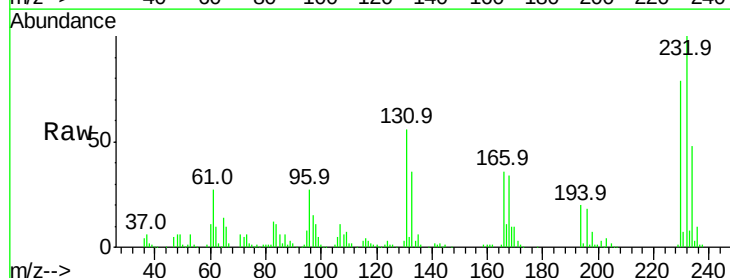
Ion Ratio Lower Upper

232 100

131 58.1 44.8 67.2

130 3.0 2.3 3.5

166 37.0 29.0 43.4

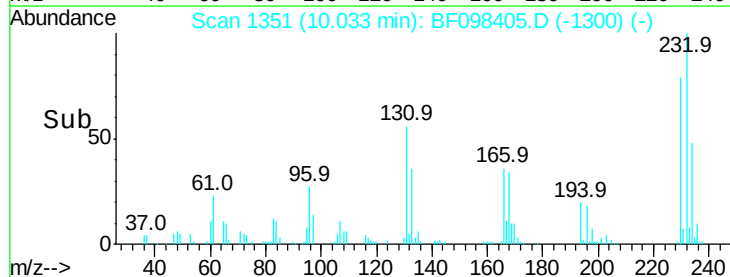
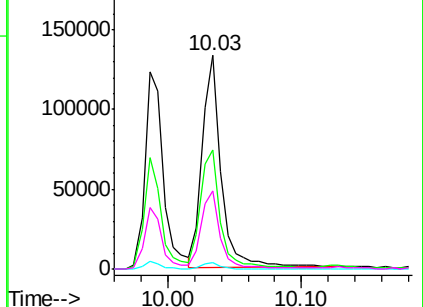


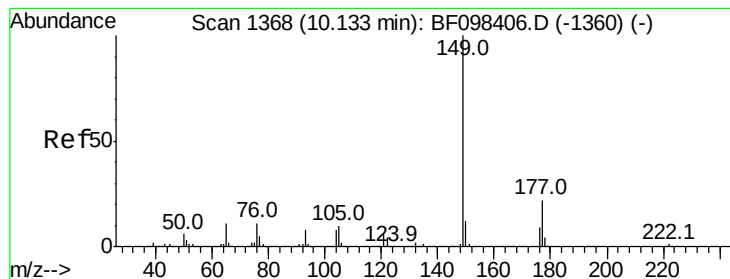
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 25.341 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

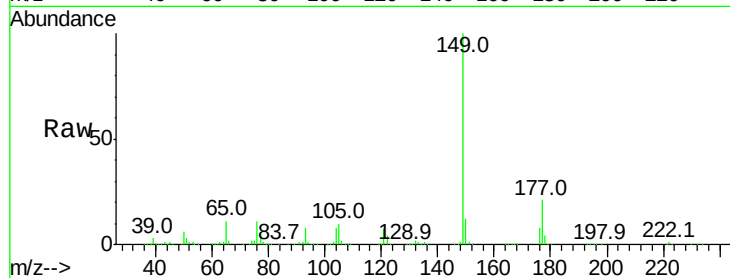
Tot Ion:149 Resp: 762500

Ion Ratio Lower Upper

149 100

177 21.2 16.7 25.1

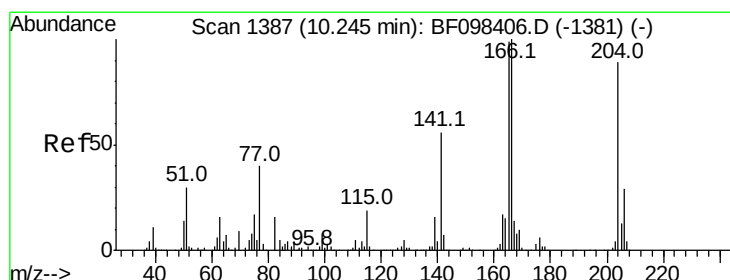
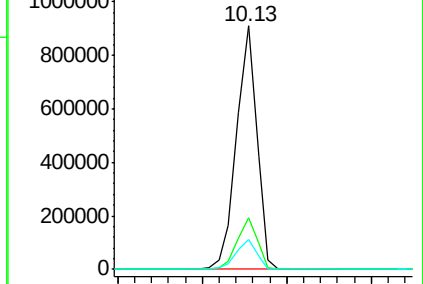
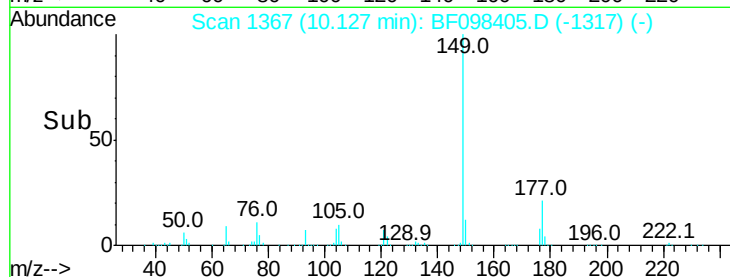
150 12.4 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 24.946 ng

RT: 10.24 min Scan# 1386

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

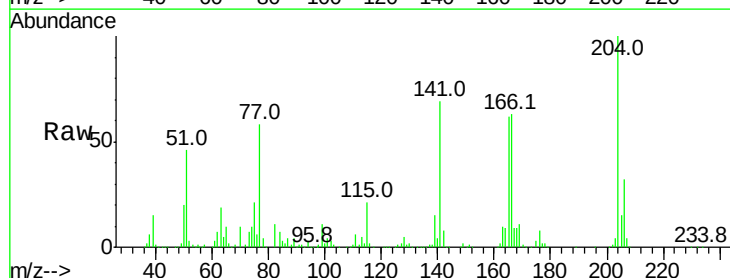
Tgt Ion:204 Resp: 315430

Ion Ratio Lower Upper

204 100

206 31.7 26.2 39.2

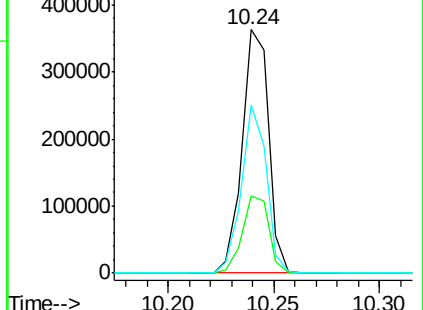
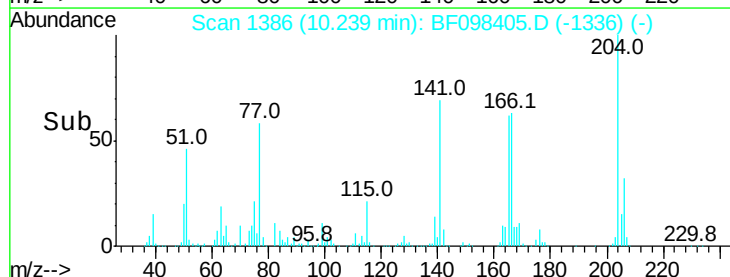
141 69.0 60.8 91.2

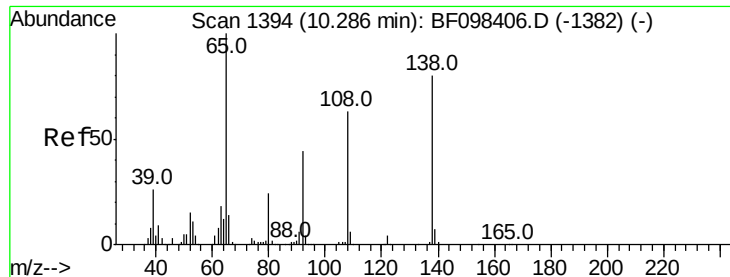


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

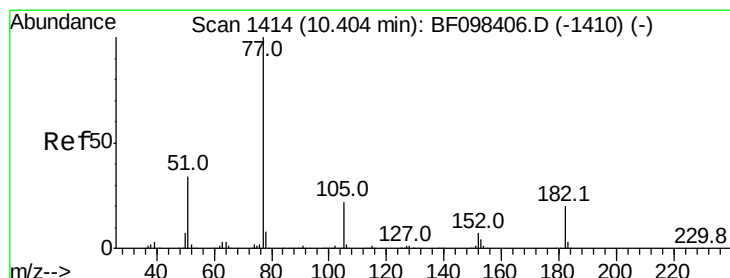
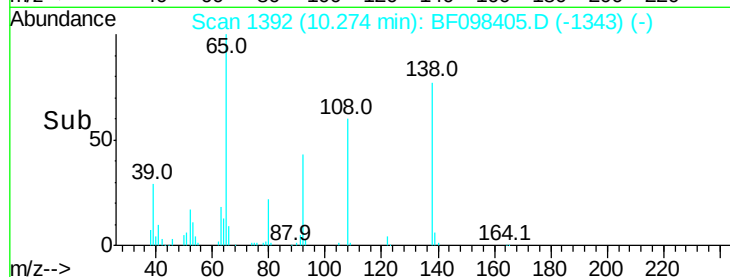
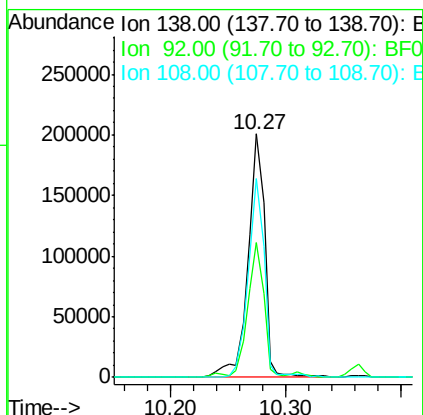
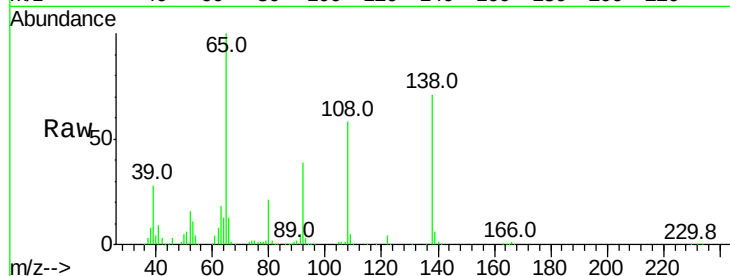




#61
4-Nitroaniline
Concen: 28.641 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

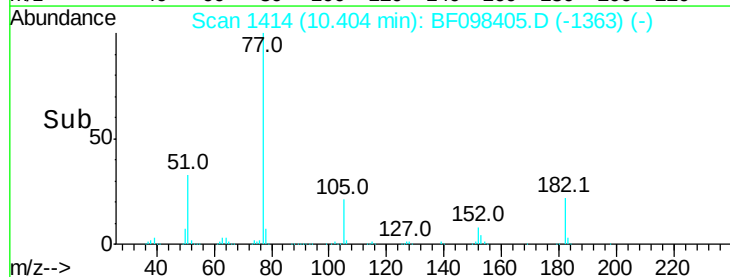
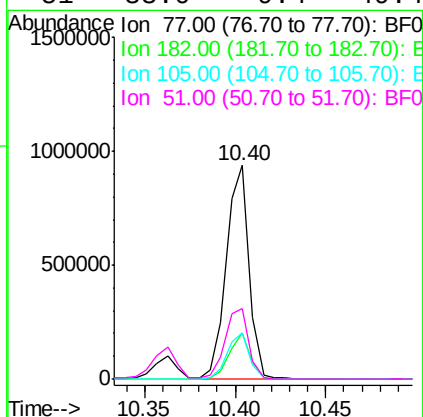
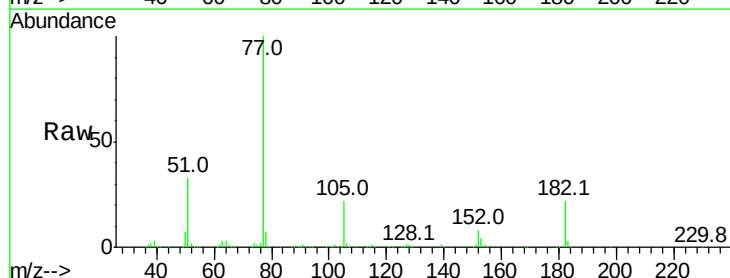
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

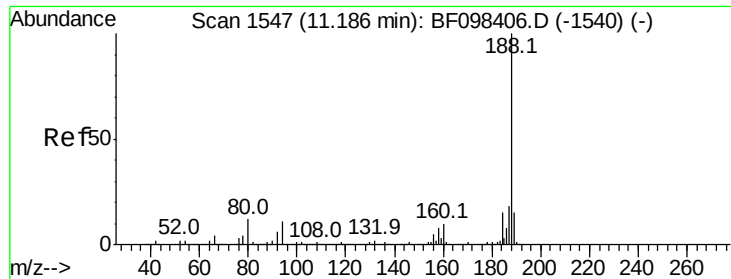
Tot Ion:138 Resp: 201712
Ion Ratio Lower Upper
138 100
92 55.3 21.8 61.8
108 81.5 42.3 82.3



#62
Azobenzene
Concen: 22.936 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion: 77 Resp: 819778
Ion Ratio Lower Upper
77 100
182 21.6 0.1 40.1
105 21.6 3.6 43.6
51 33.0 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

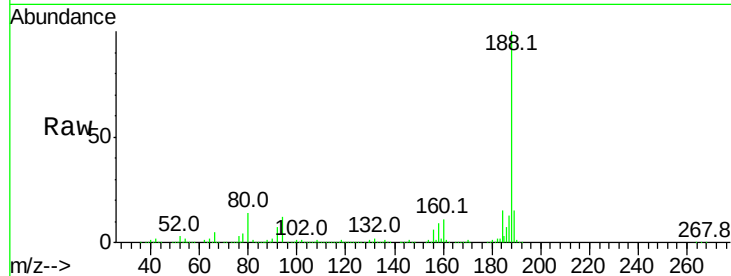
Tot Ion:188 Resp: 731716

Ion Ratio Lower Upper

188 100

94 12.5 9.4 14.2

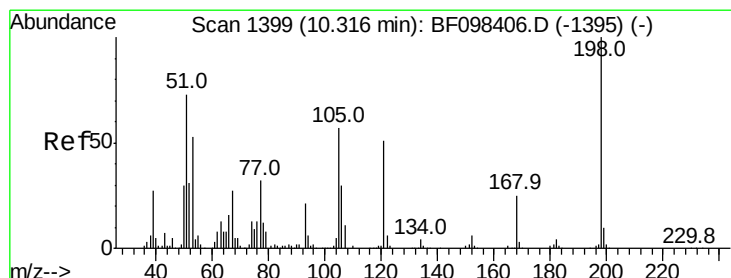
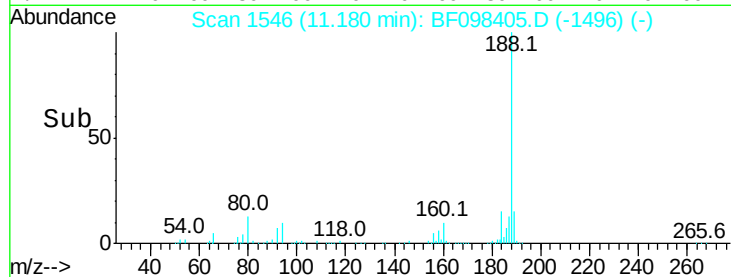
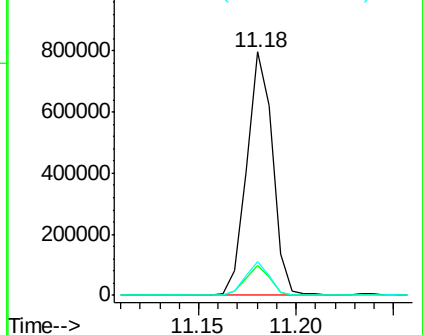
80 13.6 10.2 15.2



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: 33.190 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

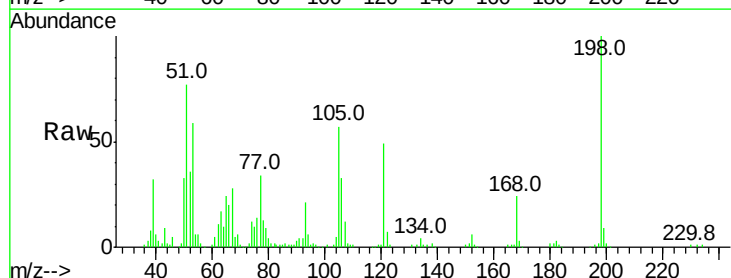
Tgt Ion:198 Resp: 100309

Ion Ratio Lower Upper

198 100

51 76.7 53.2 93.2

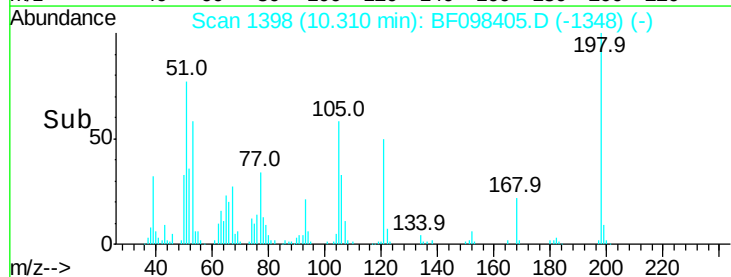
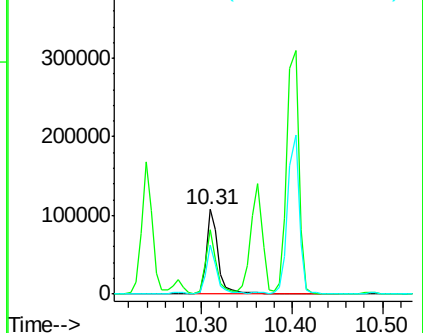
105 57.3 45.8 85.8

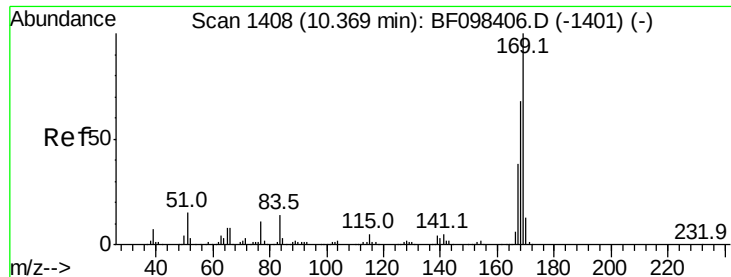


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 24.562 ng

RT: 10.36 min Scan# 1407

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

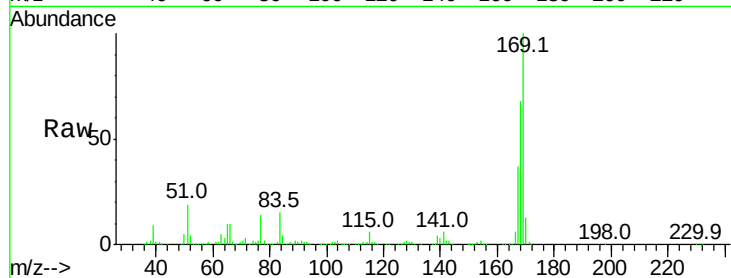
Tot Ion:169 Resp: 612020

Ion Ratio Lower Upper

169 100

168 67.7 53.2 79.8

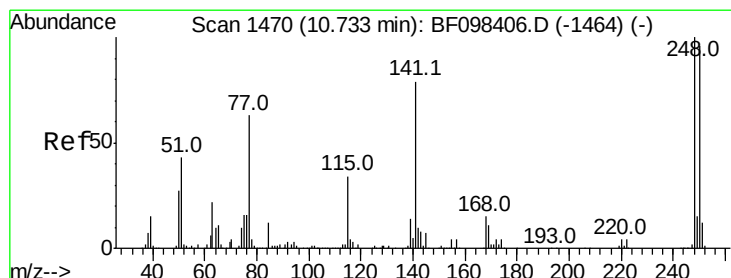
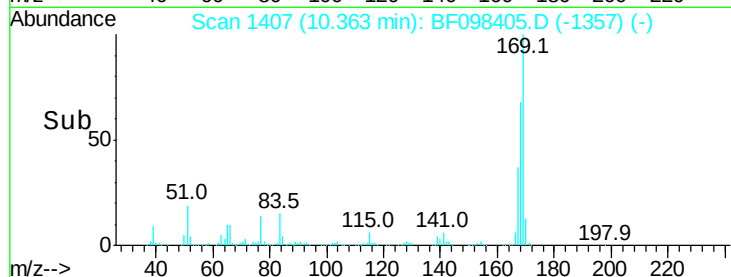
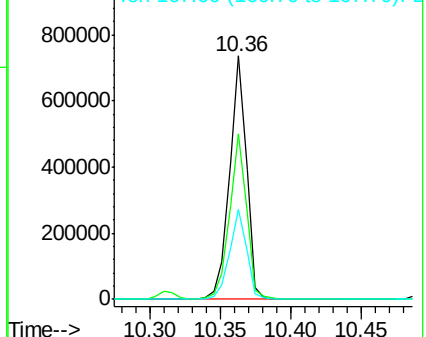
167 37.2 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 23.610 ng

RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

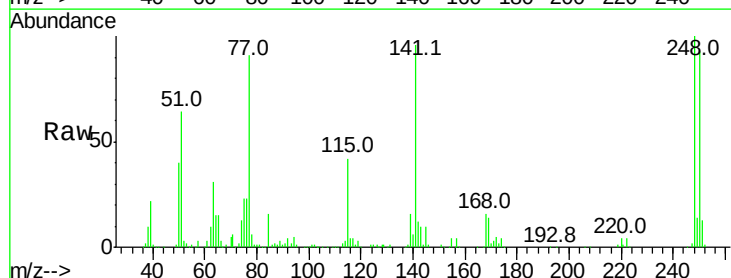
Tgt Ion:248 Resp: 179398

Ion Ratio Lower Upper

248 100

250 93.2 76.8 115.2

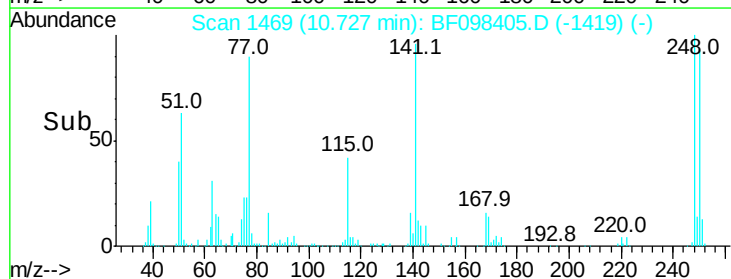
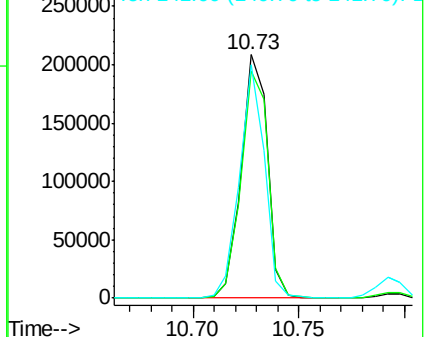
141 95.6 68.6 103.0

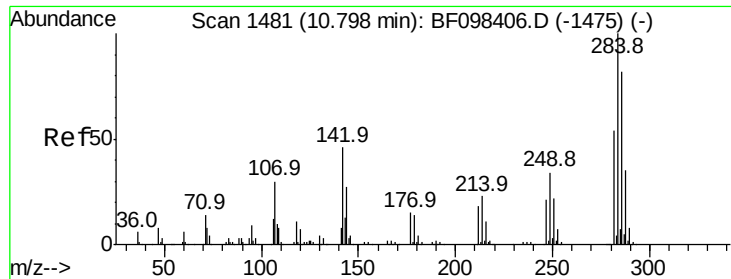


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

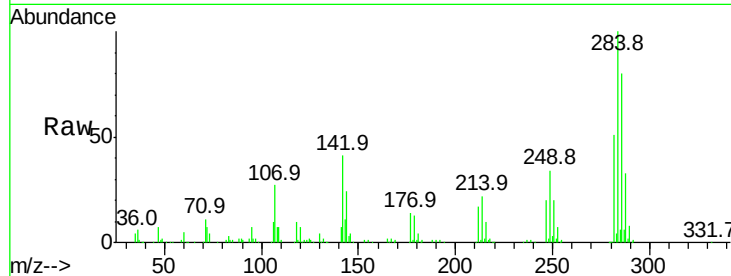




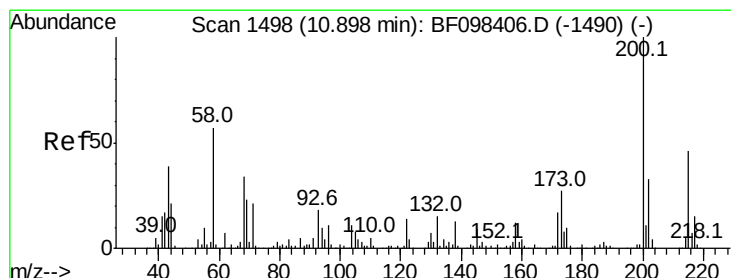
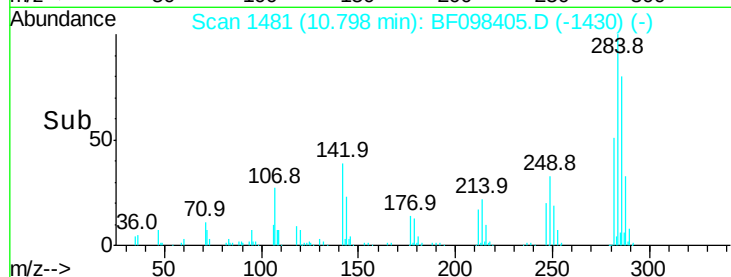
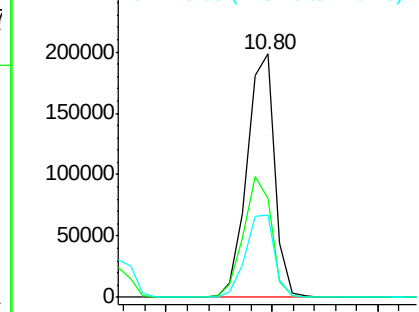
#67
Hexachlorobenzene
Concen: 23.184 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tot Ion	Ratio	Lower	Upper
284	100		
142	40.7	22.8	34.2#
249	33.6	24.0	36.0

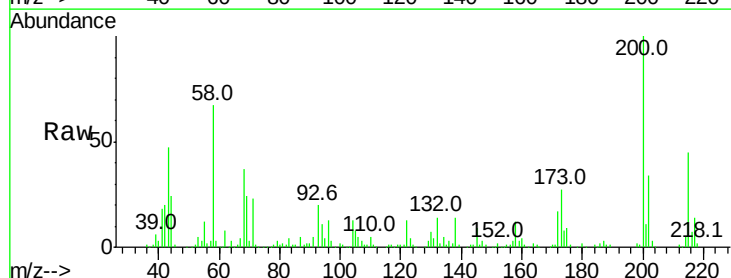


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

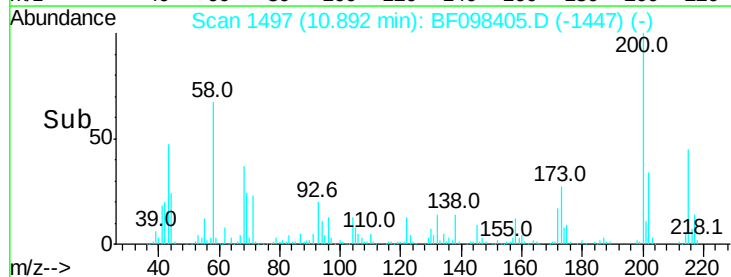
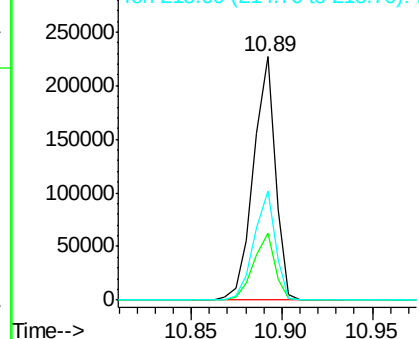


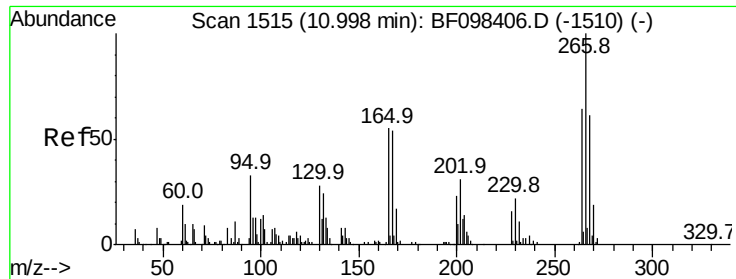
#68
Atrazine
Concen: 29.029 ng
RT: 10.89 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.5	6.3	46.3
215	44.8	27.2	67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

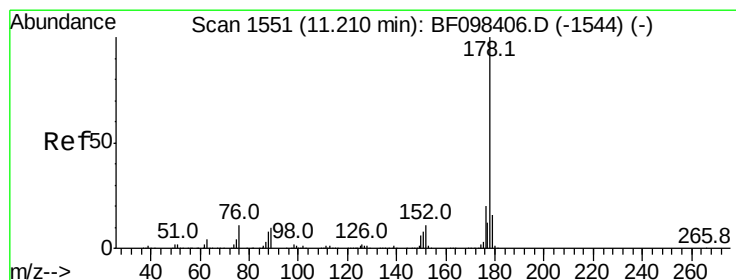
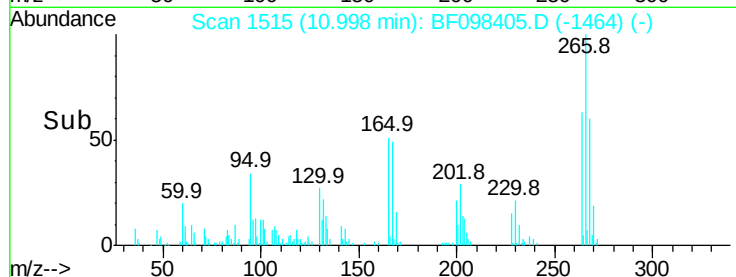
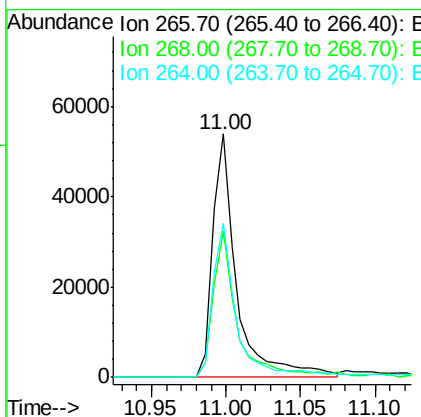
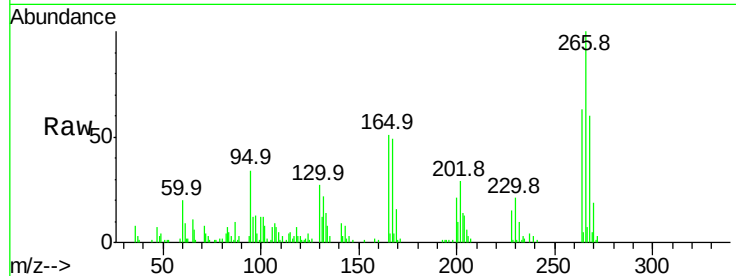




#69
 Pentachlorophenol
 Concen: 13.302 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

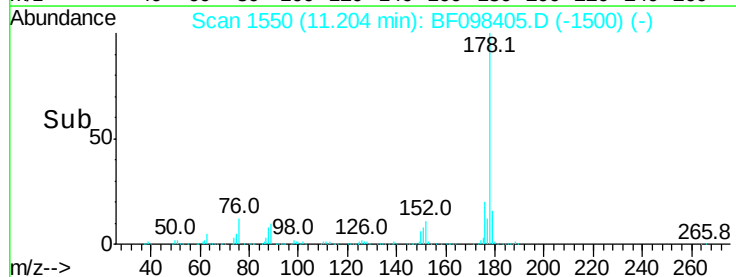
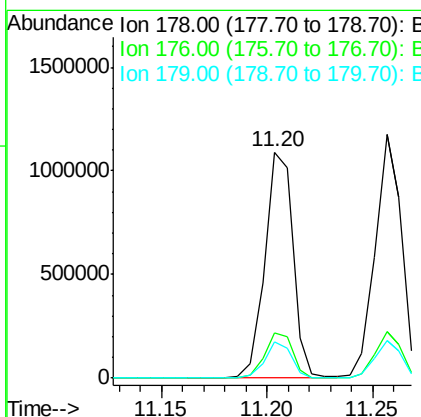
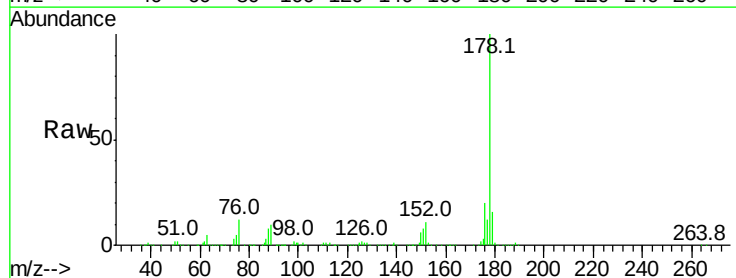
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

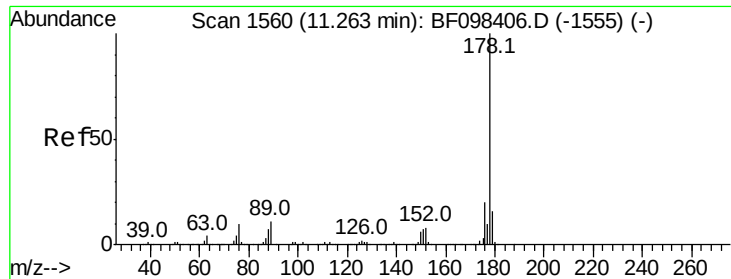
Tot Ion:266 Resp: 60066
 Ion Ratio Lower Upper
 266 100
 268 59.9 51.1 76.7
 264 63.1 51.7 77.5



#70
 Phenanthrene
 Concen: 26.002 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion:178 Resp: 1013859
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.2 24.4
 179 15.9 12.6 19.0

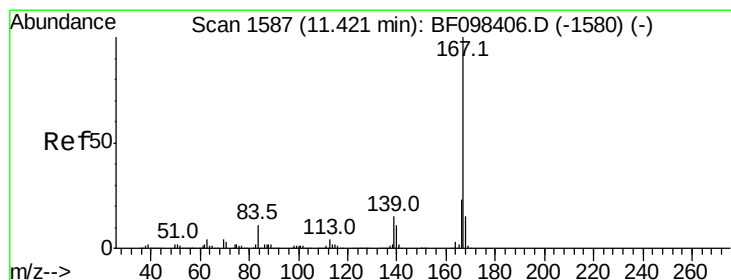
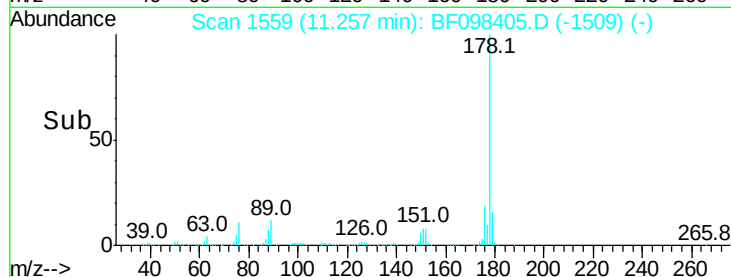
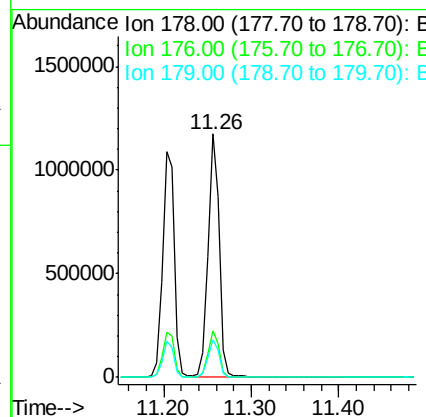
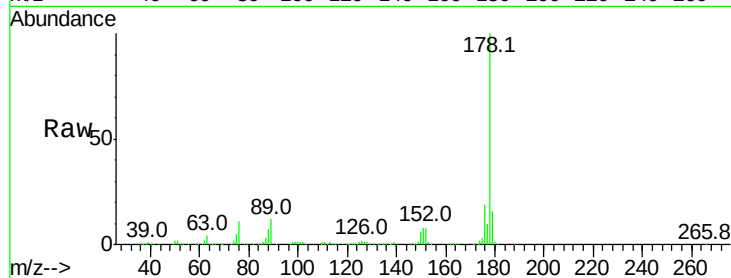




#71
 Anthracene
 Concen: 26.423 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

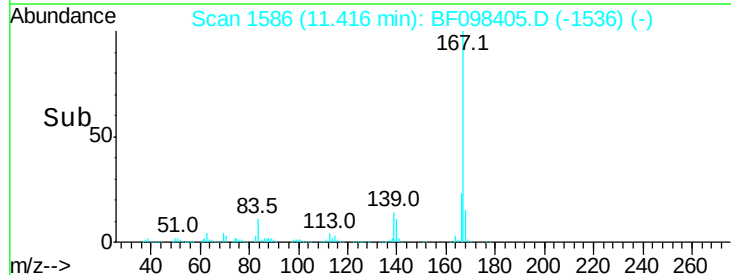
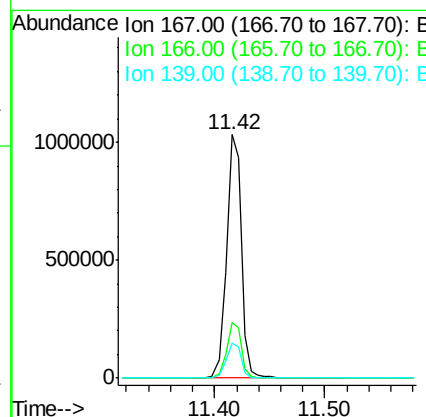
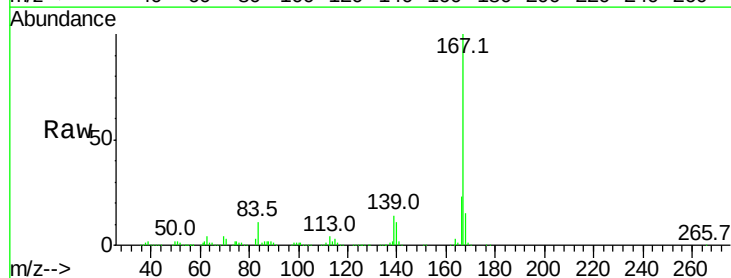
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

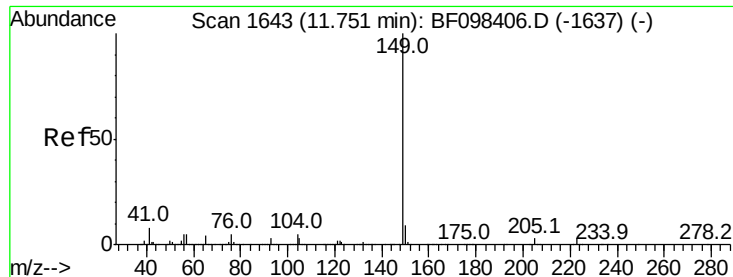
Tot Ion:178 Resp: 1044956
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 25.827 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion:167 Resp: 969525
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.1 27.1
 139 14.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 27.337 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

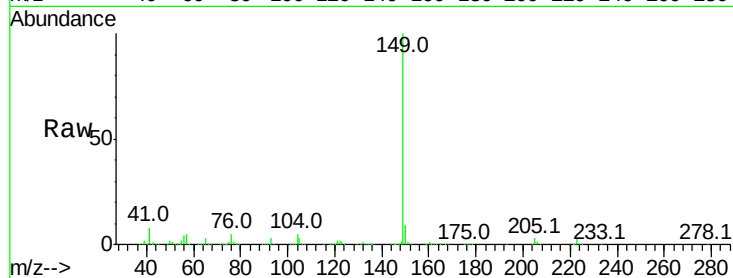
Tot Ion:149 Resp: 1182032

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

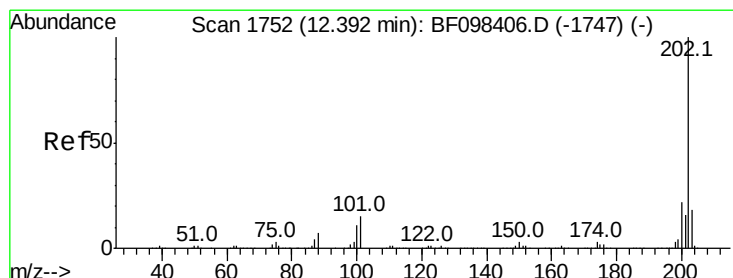
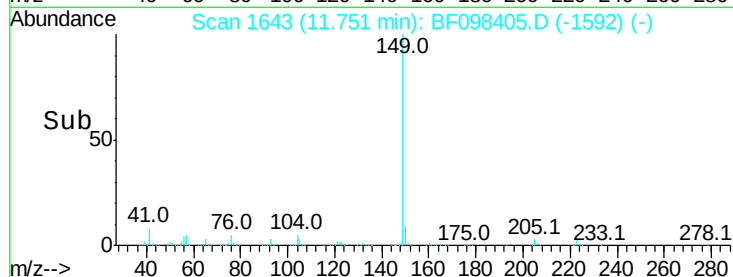
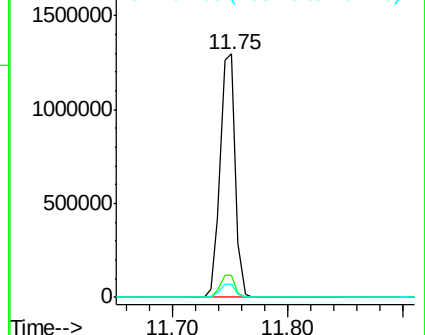
104 5.2 4.0 6.0



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: 25.126 ng

RT: 12.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

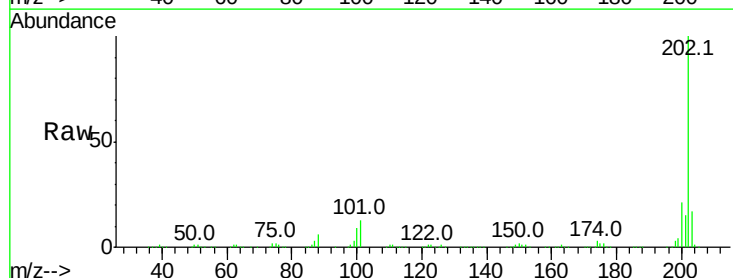
Tgt Ion:202 Resp: 1022579

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

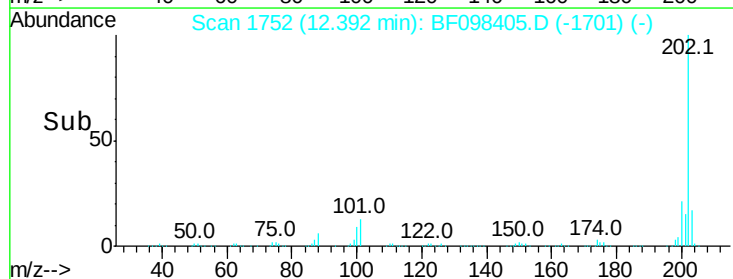
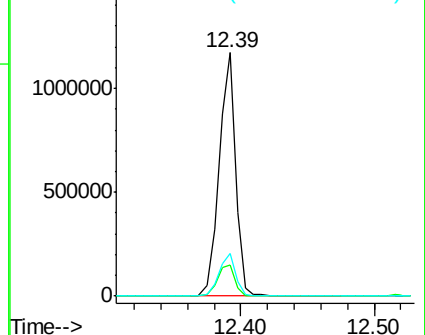
203 17.4 0.0 38.1

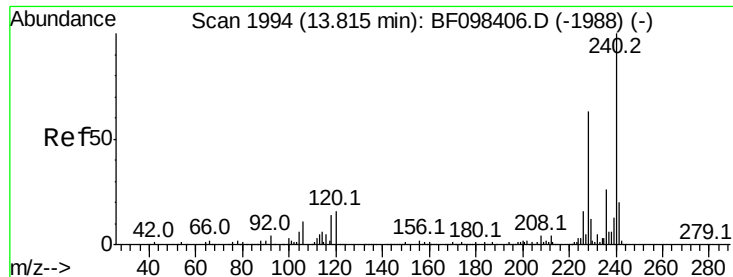


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.82 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

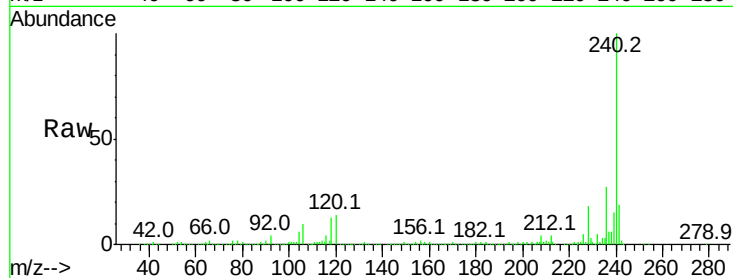
Tot Ion:240 Resp: 534114

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

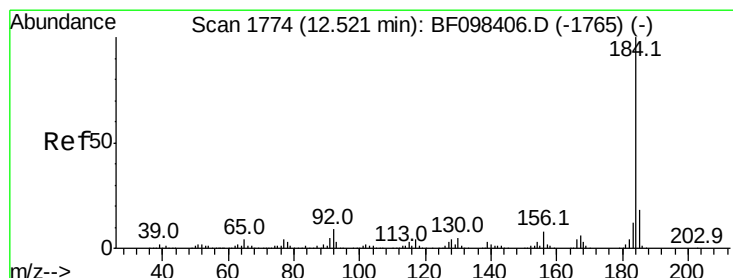
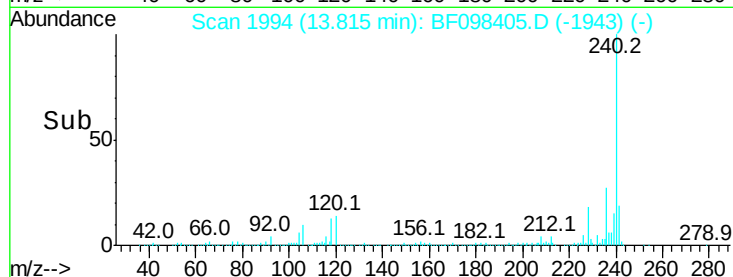
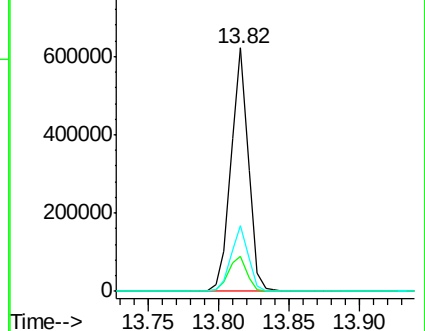
236 27.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.966 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

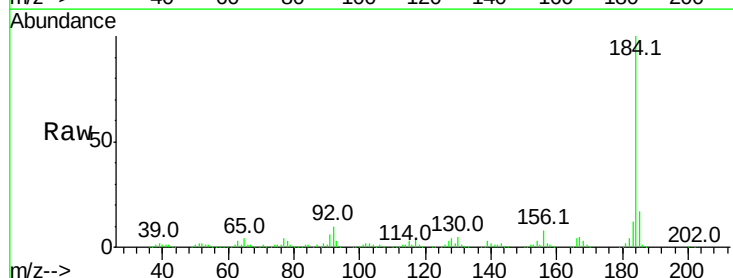
Tgt Ion:184 Resp: 629848

Ion Ratio Lower Upper

184 100

185 16.8 15.5 23.3

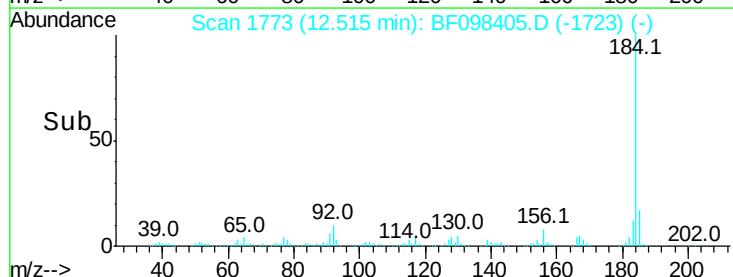
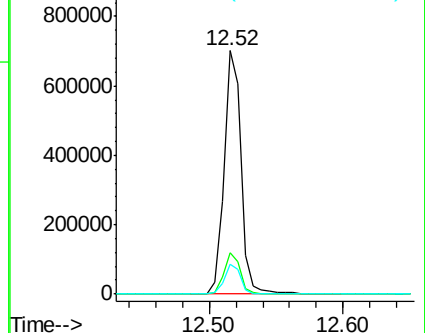
183 12.1 9.8 14.6

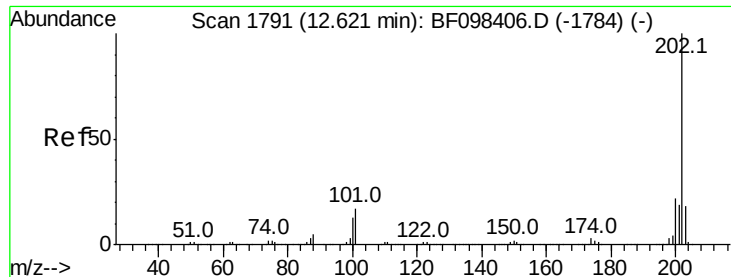


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



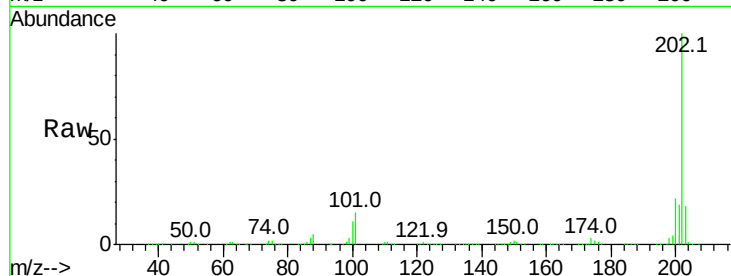


#77
 Pvrene
 Concen: 24.202 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

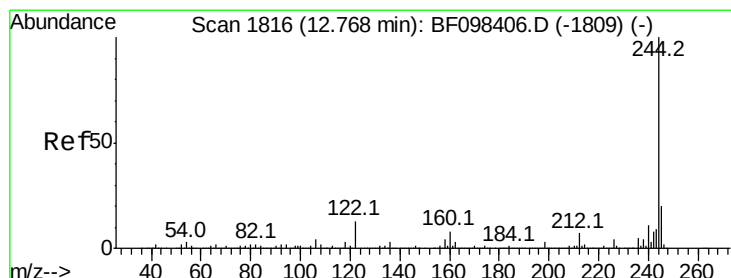
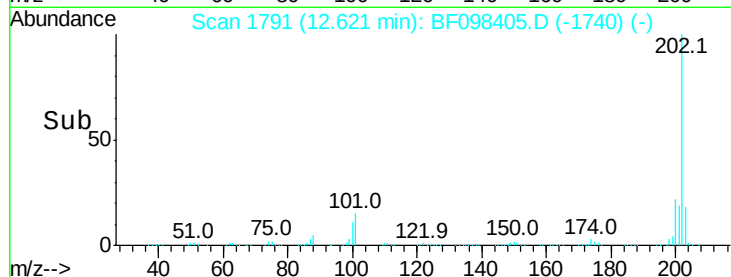
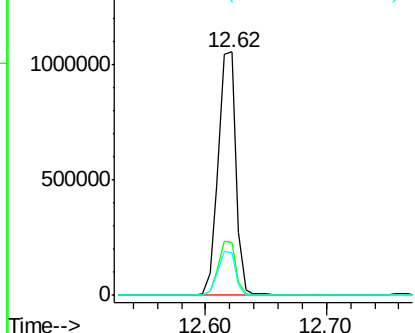
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion:202 Resp: 1057238

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	17.6	14.4	21.6



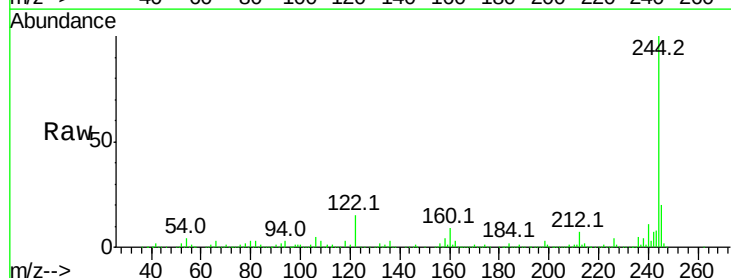
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



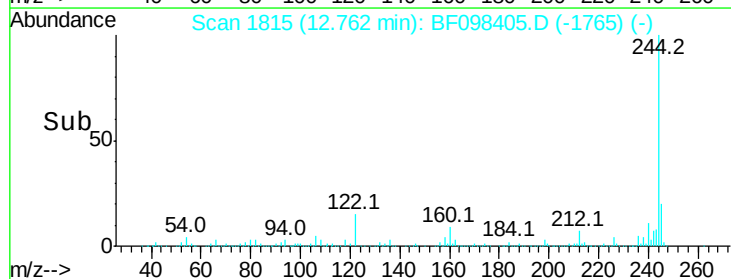
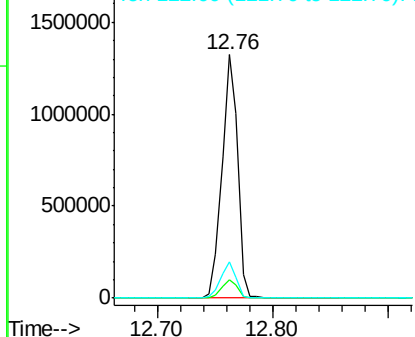
#78
 Terphenyl-d14
 Concen: 48.565 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

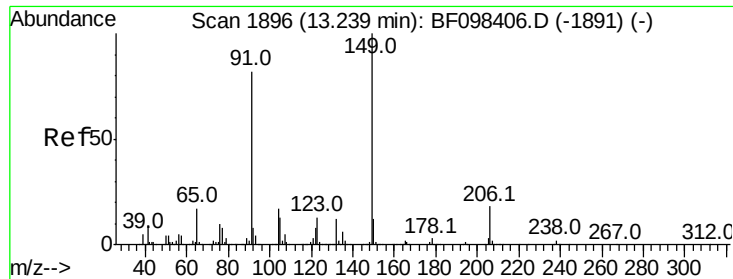
Tgt Ion:244 Resp: 1243895

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.9	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

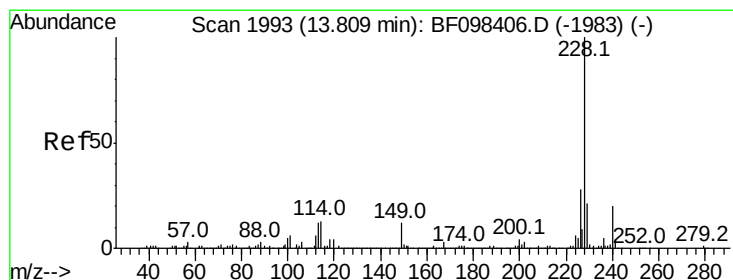
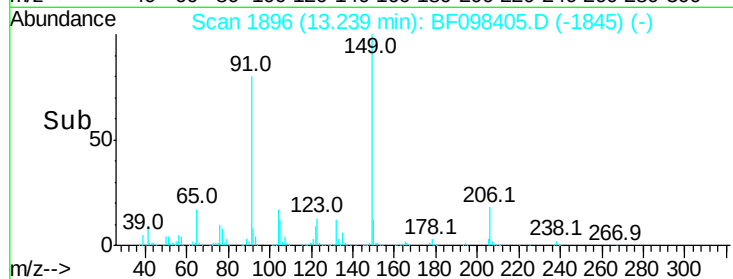
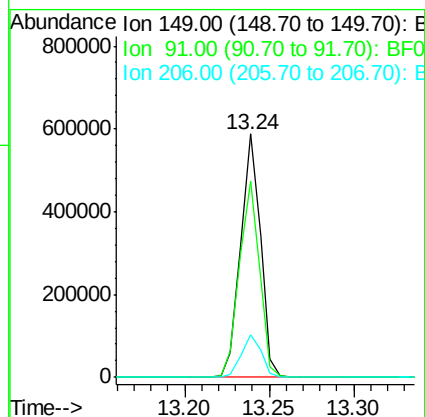
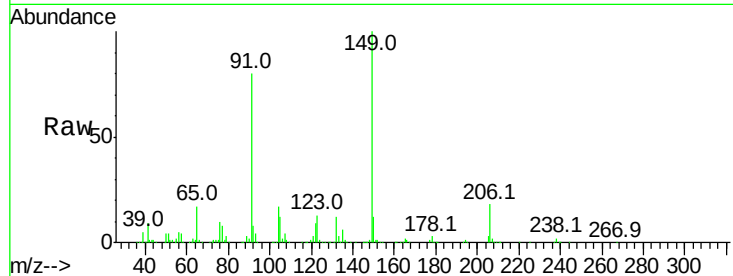




#79
Butylbenzylphthalate
Concen: 28.589 ng
RT: 13.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

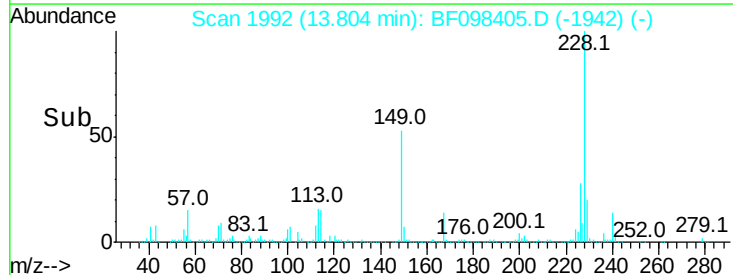
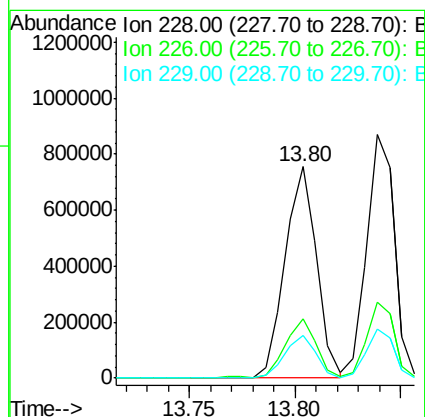
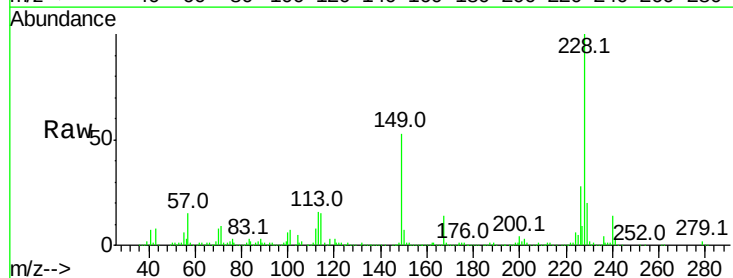
Instrument :
BNA_F
ClientSampleId :
SSTDIC025

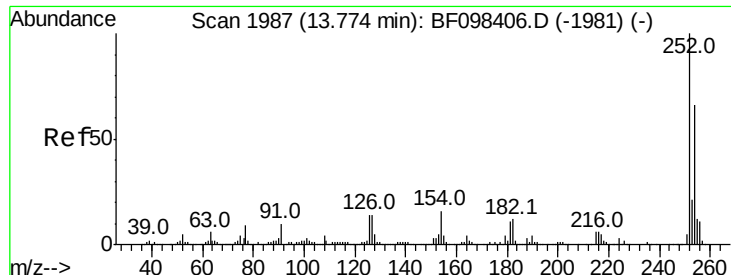
Tot Ion	Ratio	Lower	Upper
149	100		
91	80.5	45.0	67.4#
206	17.6	17.0	25.6



#80
Benzo(a)anthracene
Concen: 24.596 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF098405.D
Acq: 11 Sep 2017 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.2	16.3	24.5

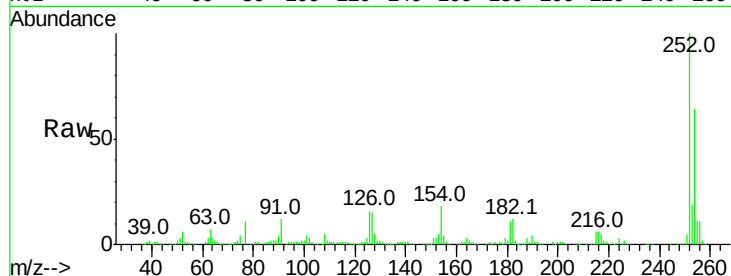




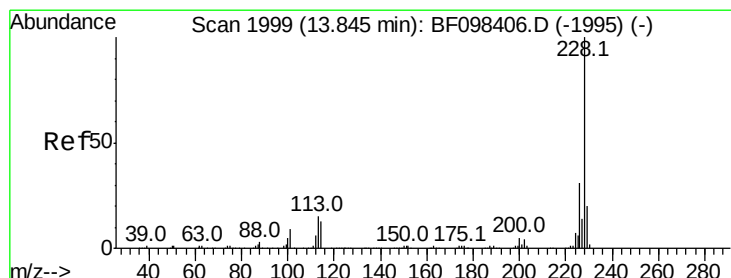
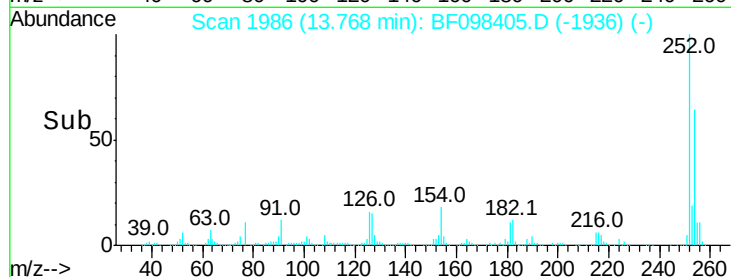
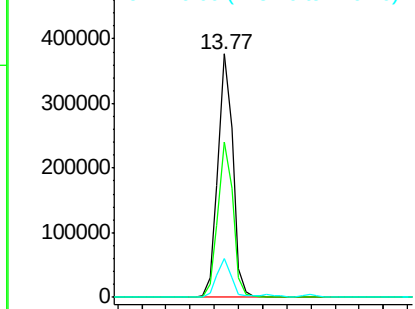
#81
 3,3'-Dichlorobenzidine
 Concen: 29.722 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	15.9	15.8	23.8

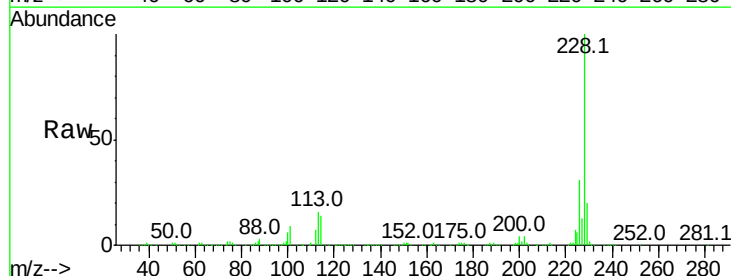


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

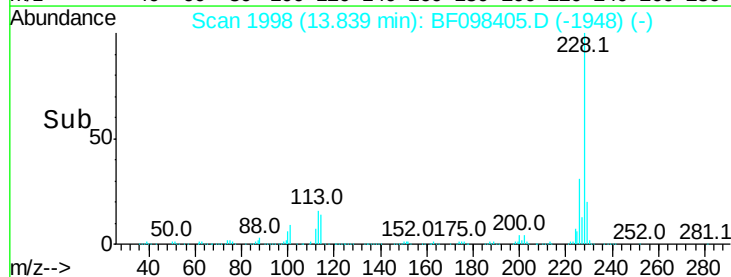
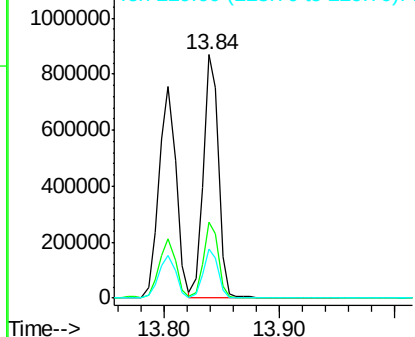


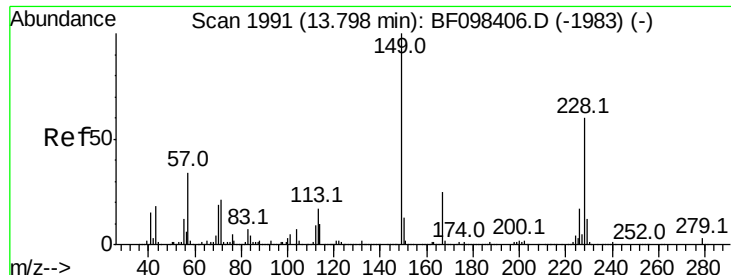
#82
 Chrysene
 Concen: 25.250 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	20.1	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: 32.396 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

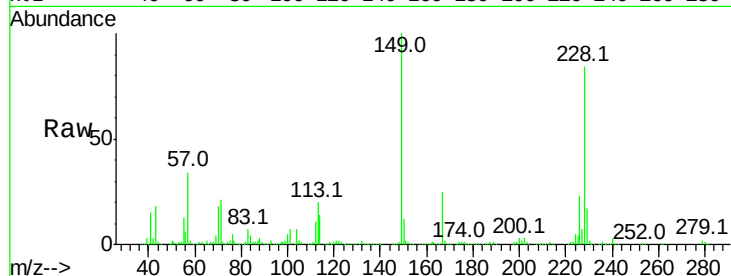
Tot Ion:149 Resp: 601246

Ion Ratio Lower Upper

149 100

167 25.1 21.0 31.4

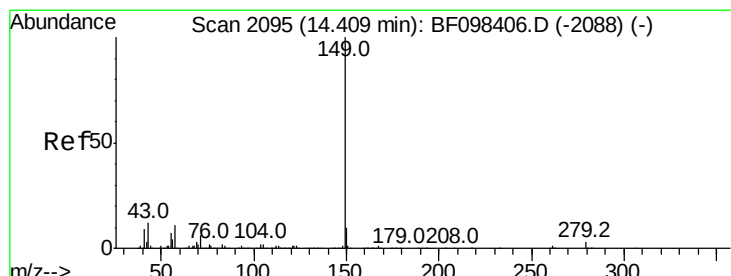
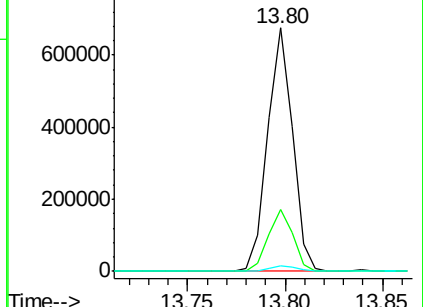
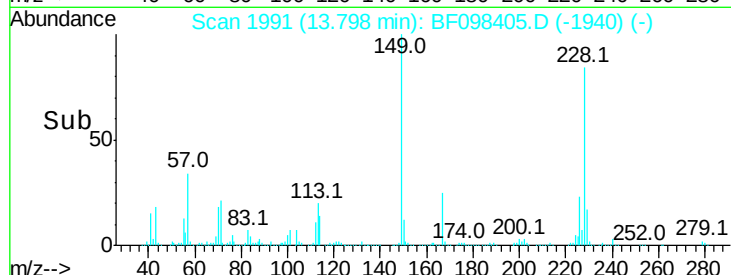
279 2.5 1.9 2.9



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: 32.094 ng

RT: 14.41 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

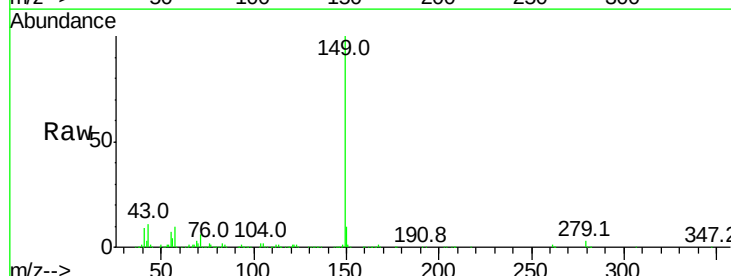
Tgt Ion:149 Resp: 1036405

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

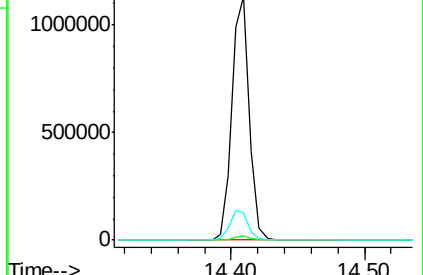
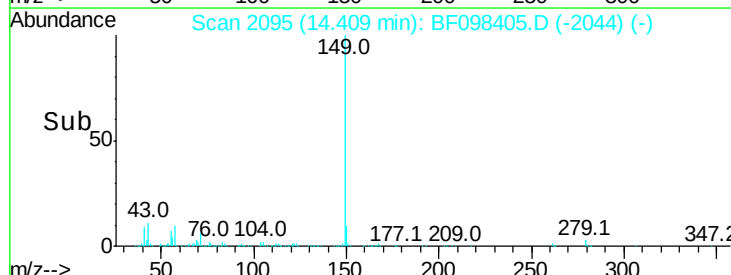
43 13.1 8.5 12.7#

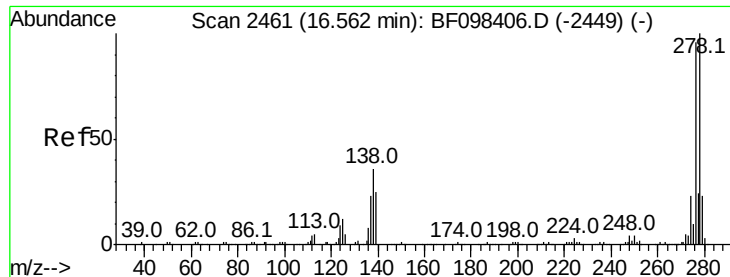


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

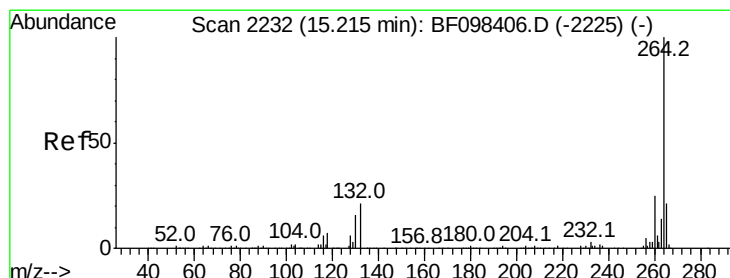
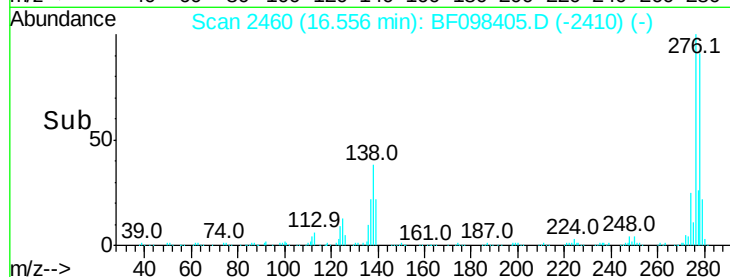
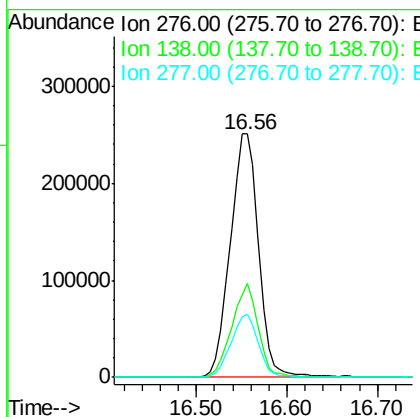
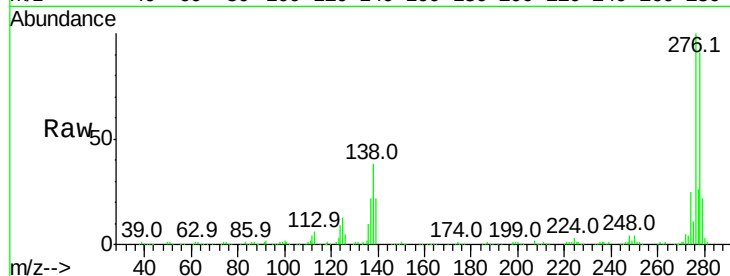




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 23.259 ng
 RT: 16.56 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

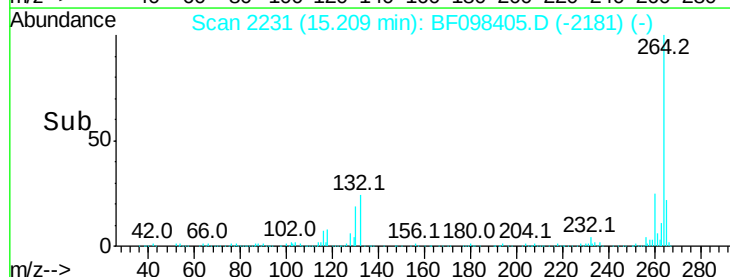
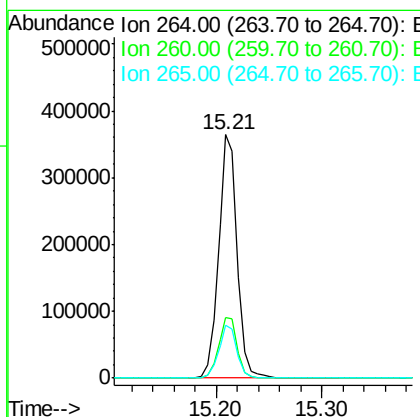
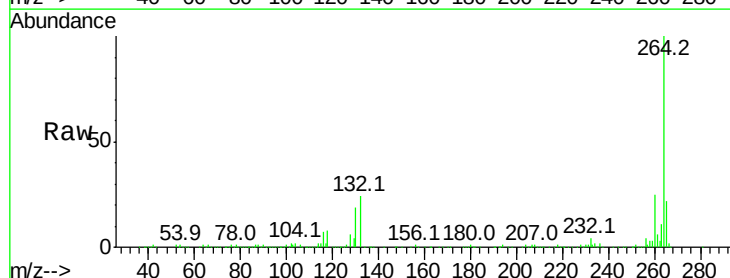
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

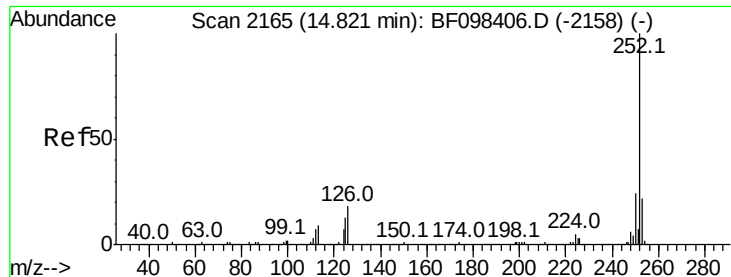
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.21 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BF098405.D
 Acq: 11 Sep 2017 16:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 25.706 ng

RT: 14.82 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC025

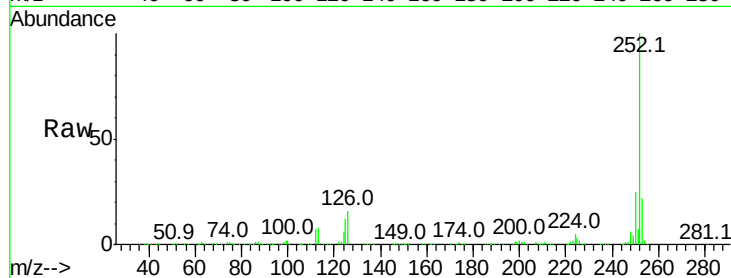
Tot Ion:252 Resp: 723392

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

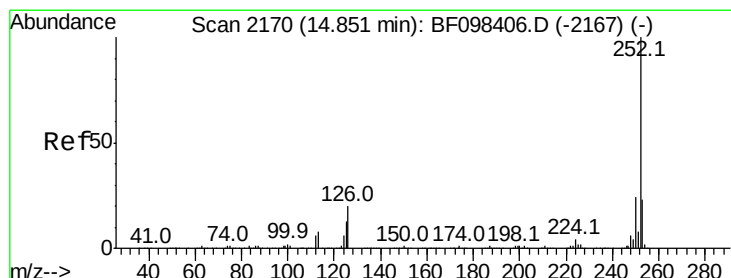
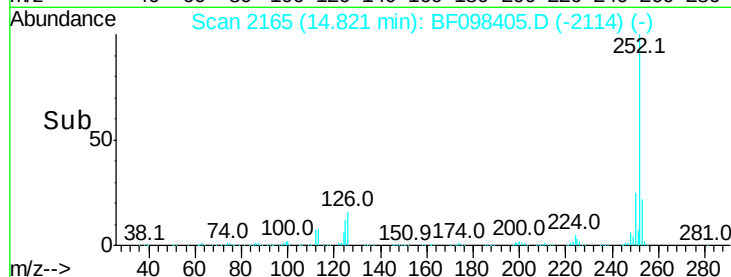
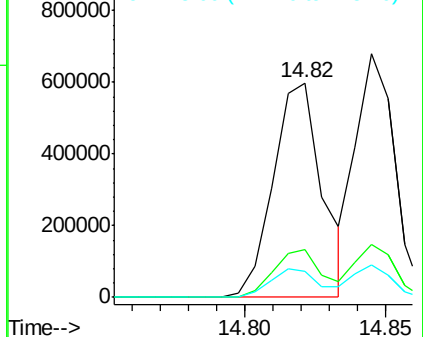
125 12.1 9.8 14.8



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: 24.972 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

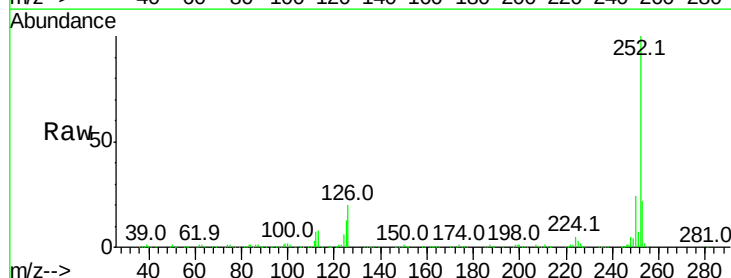
Tgt Ion:252 Resp: 660217

Ion Ratio Lower Upper

252 100

253 21.7 18.4 27.6

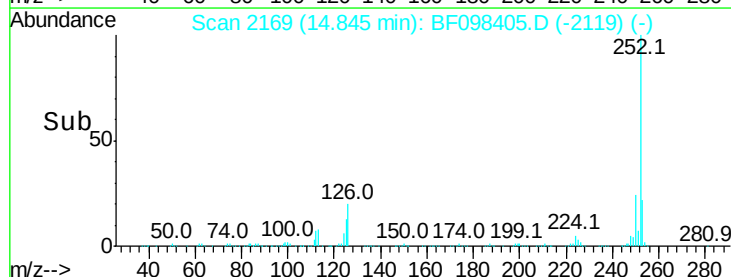
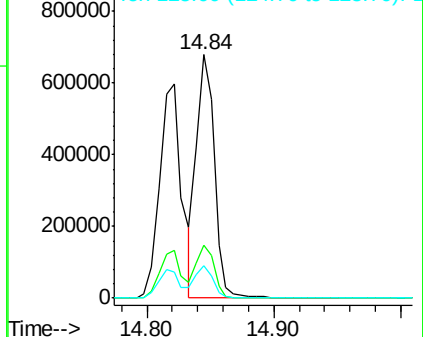
125 13.5 13.1 19.7

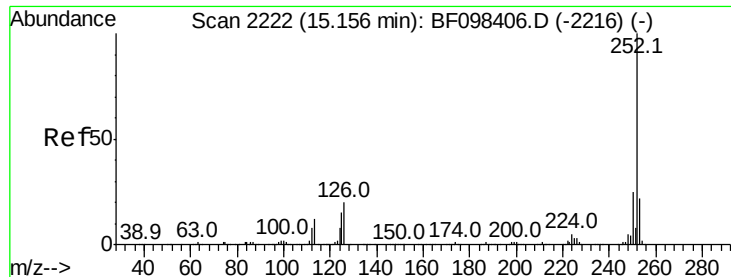


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 25.929 ng

RT: 15.16 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

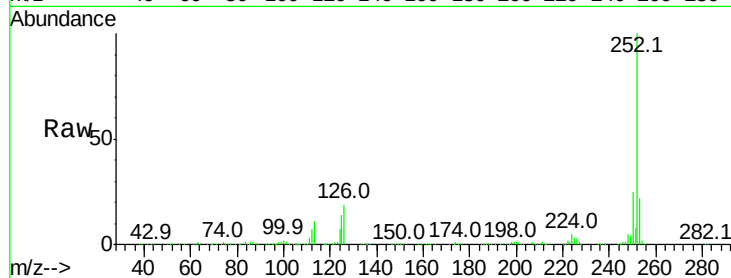
Tot Ion:252 Resp: 645942

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

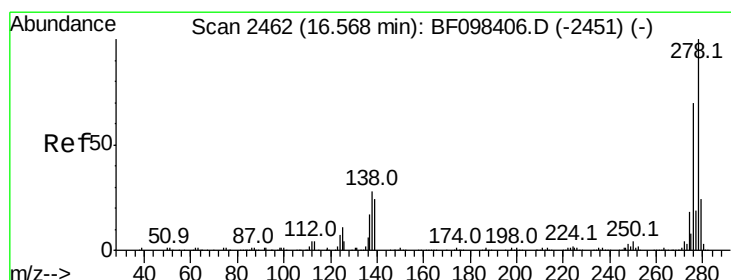
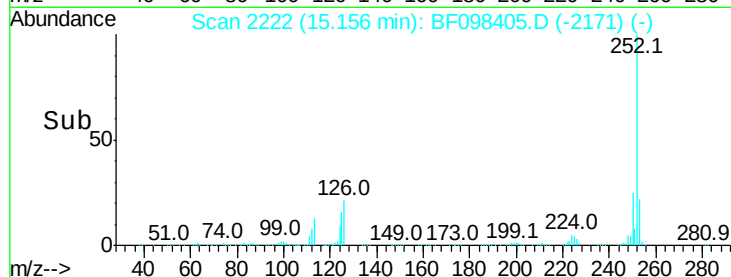
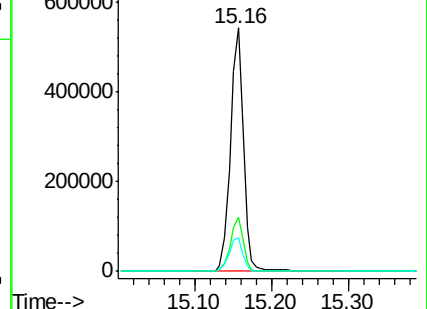
125 14.1 11.0 16.4



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: 21.966 ng

RT: 16.56 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

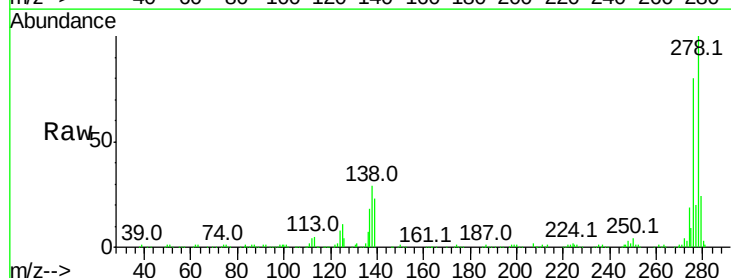
Tgt Ion:278 Resp: 445495

Ion Ratio Lower Upper

278 100

139 23.0 16.6 24.8

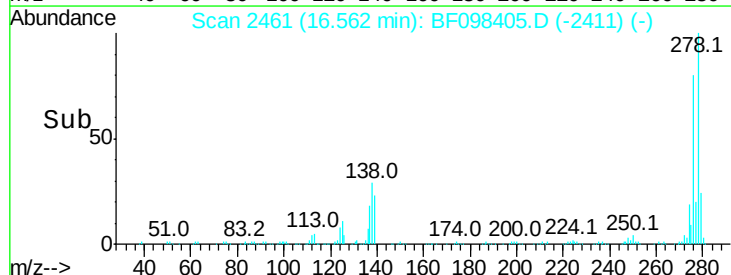
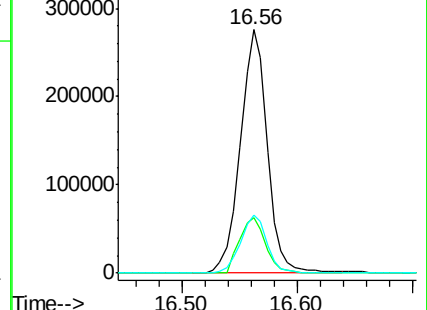
279 23.7 19.3 28.9

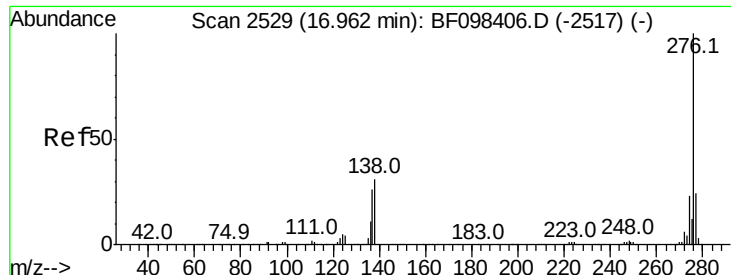


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.824 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF098405.D

Acq: 11 Sep 2017 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

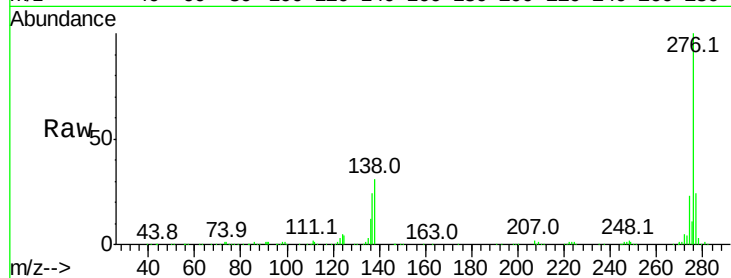
Tot Ion:276 Resp: 440668

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 31.1 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

