

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102097.D
 Acq On : 16 Jan 2018 9:43
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 17 07:25:33 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	190744	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	796471	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	357444	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	629353	20.00	ng	0.00
75) Chrysene-d12	13.87	240	461261	20.00	ng	0.00
86) Perylene-d12	15.29	264	413161	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	949316	70.28	ng	0.00
7) Phenol-d6	6.36	99	1153109	71.55	ng	0.00
23) Nitrobenzene-d5	7.29	82	1061129	78.29	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	262740	84.23	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1768074	77.28	ng	0.00
78) Terphenyl-d14	12.83	244	1471740	66.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	196894	29.208	ng	97
3) Pyridine	3.09	79	494916	26.884	ng	96
4) n-Nitrosodimethylamine	3.05	42	201759	26.171	ng	94
6) Aniline	6.39	93	808454	35.595	ng	98
8) 2-Chlorophenol	6.51	128	507780	37.481	ng	96
9) Benzaldehyde	6.27	77	355717	31.788	ng	94
10) Phenol	6.37	94	629650	34.571	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	494752	35.689	ng	95
12) 1,3-Dichlorobenzene	6.66	146	586277	37.541	ng	99
13) 1,4-Dichlorobenzene	6.74	146	588951	37.793	ng	99
14) 1,2-Dichlorobenzene	6.89	146	543115	37.654	ng	99
15) Benzyl Alcohol	6.87	79	423174	35.896	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	851633	33.325	ng	99
17) 2-Methylphenol	6.98	107	451831	36.971	ng	98
18) Hexachloroethane	7.23	117	210607	38.378	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	360380	34.122	ng	97
20) 3+4-Methylphenols	7.14	107	508713	34.668	ng	# 63
22) Acetophenone	7.14	105	674352	35.140	ng	# 90
24) Nitrobenzene	7.31	77	554781	38.092	ng	99
25) Isophorone	7.55	82	973180	36.339	ng	100
26) 2-Nitrophenol	7.62	139	294132	48.252	ng	99
27) 2,4-Dimethylphenol	7.66	122	416606	36.594	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	588781	36.411	ng	99
29) 2,4-Dichlorophenol	7.86	162	419366	38.795	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	440192	38.931	ng	97
31) Naphthalene	8.03	128	1475661	37.078	ng	100
32) Benzoic acid	7.80	122	342153	39.634	ng	96
33) 4-Chloroaniline	8.08	127	641952	37.792	ng	100
34) Hexachlorobutadiene	8.15	225	236471	39.510	ng	97
35) Caprolactam	8.46	113	143902	38.777	ng	94
36) 4-Chloro-3-methylphenol	8.56	107	446713	37.752	ng	98
37) 2-Methylnaphthalene	8.72	142	975096	37.217	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	394103	38.972	ng	100
40) Hexachlorocyclopentadiene	8.87	237	233588	42.238	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	275108	39.479	nq	98
43) 2,4,5-Trichlorophenol	9.04	196	312017	39.616	nq	96
45) 1,1'-Biphenyl	9.19	154	1166701	36.928	nq	98
46) 2-Chloronaphthalene	9.21	162	923682	37.701	nq	98
47) 2-Nitroaniline	9.30	65	312259	42.548	nq	93
48) Acenaphthylene	9.62	152	1442884	37.110	nq	99
49) Dimethylphthalate	9.49	163	1090454	38.029	nq	100
50) 2,6-Dinitrotoluene	9.55	165	241740	42.205	nq	97
51) Acenaphthene	9.79	154	829648	35.156	nq	98
52) 3-Nitroaniline	9.72	138	296338	40.994	nq	90
53) 2,4-Dinitrophenol	9.82	184	120206	57.631	nq	# 20
54) Dibenzofuran	9.97	168	1187147	36.653	nq	99
55) 4-Nitrophenol	9.88	139	222322	41.269	nq	90
56) 2,4-Dinitrotoluene	9.95	165	312610	43.545	nq	97
57) Fluorene	10.31	166	888993	39.705	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	223620	39.880	nq	99
59) Diethylphthalate	10.19	149	1064309	37.314	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	384997	40.382	nq	96
61) 4-Nitroaniline	10.33	138	294696	42.956	nq	93
62) Azobenzene	10.46	77	994816	35.055	nq	95
64) 4,6-Dinitro-2-methylphenol	10.36	198	173583	50.456	nq	82
65) n-Nitrosodiphenylamine	10.42	169	852717	36.183	nq	100
66) 4-Bromophenyl-phenylether	10.79	248	251852	37.894	nq	98
67) Hexachlorobenzene	10.85	284	276185	38.065	nq	96
68) Atrazine	10.95	200	259659	38.125	nq	100
69) Pentachlorophenol	11.05	266	184547	41.711	nq	99
70) Phenanthrene	11.27	178	1317848	35.848	nq	99
71) Anthracene	11.32	178	1349253	36.188	nq	99
72) Carbazole	11.47	167	1330383	36.303	nq	98
73) Di-n-butylphthalate	11.80	149	1635709	36.381	nq	99
74) Fluoranthene	12.45	202	1329077	36.746	nq	99
76) Benzidine	12.57	184	669904	30.076	nq	99
77) Pyrene	12.68	202	1378046	33.798	nq	99
79) Butylbenzylphthalate	13.30	149	697569	37.280	nq	100
80) Benzo(a)anthracene	13.86	228	1040200	35.345	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	413824	37.976	nq	97
82) Chrysene	13.90	228	1108155	36.111	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	811109	37.787	nq	100
84) Di-n-octyl phthalate	14.47	149	1392310	39.088	nq	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	870282	38.965	nq	98
87) Benzo(b)fluoranthene	14.89	252	989296	36.723	nq	97
88) Benzo(k)fluoranthene	14.92	252	966129	37.176	nq	99
89) Benzo(a)pyrene	15.23	252	903484	37.270	nq	97
90) Dibenzo(a,h)anthracene	16.69	278	716153	37.019	nq	98
91) Benzo(g,h,i)perylene	17.08	276	702880	36.069	nq	97

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

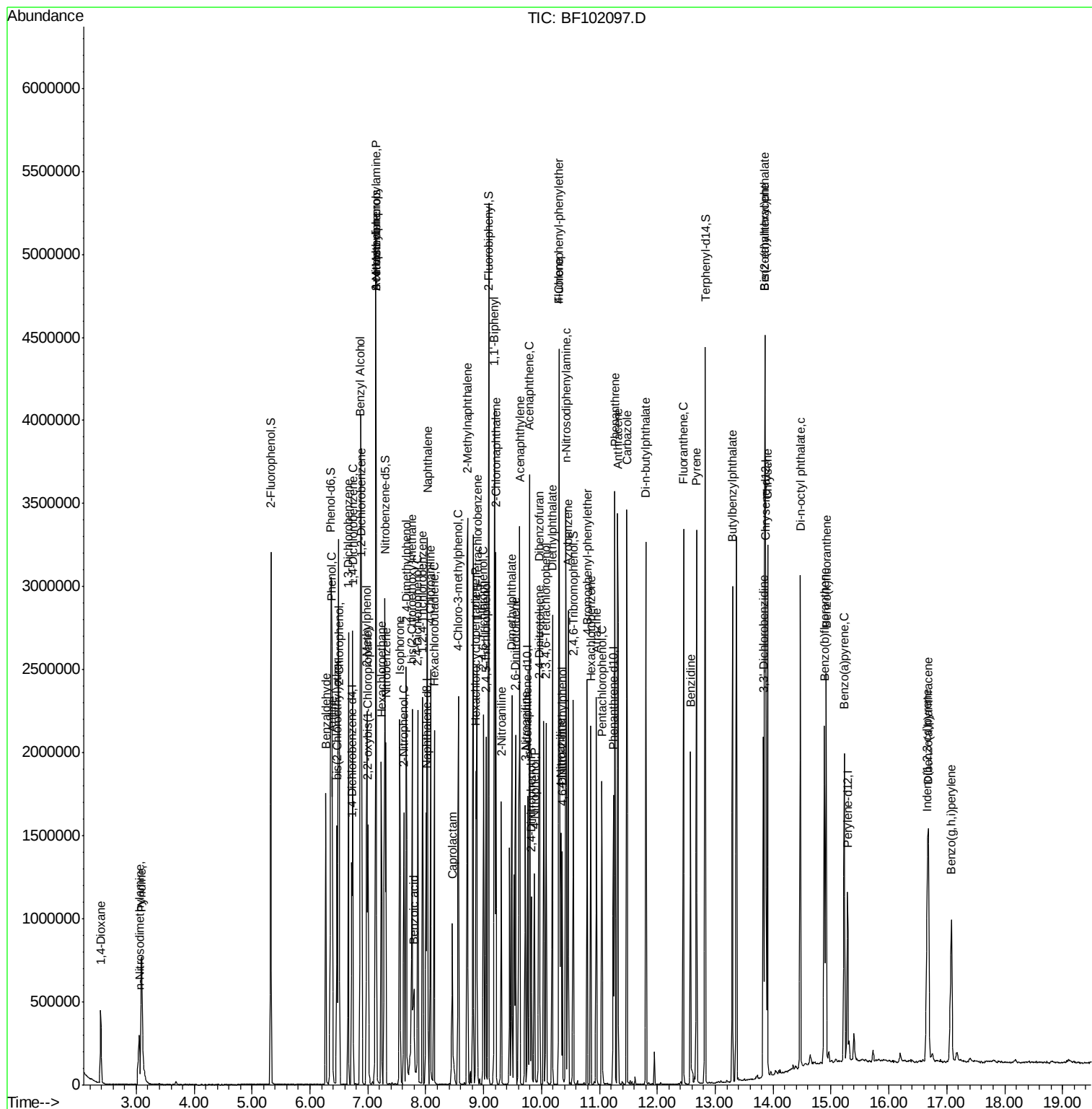
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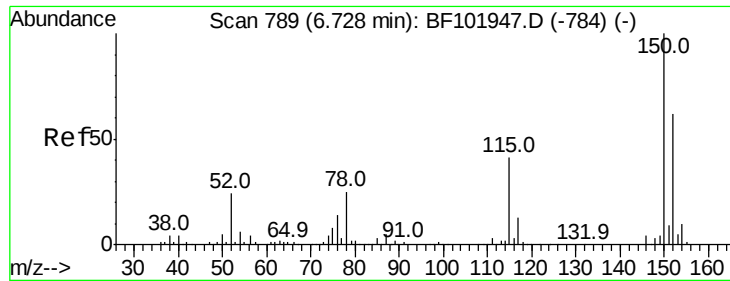
Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
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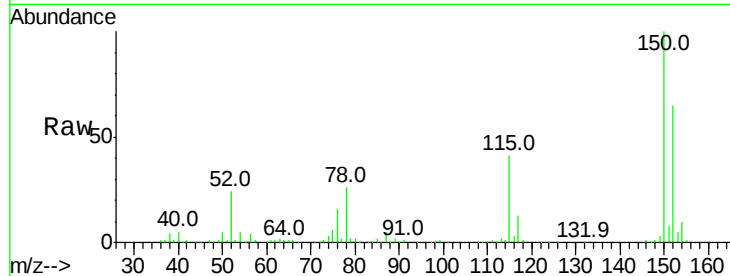


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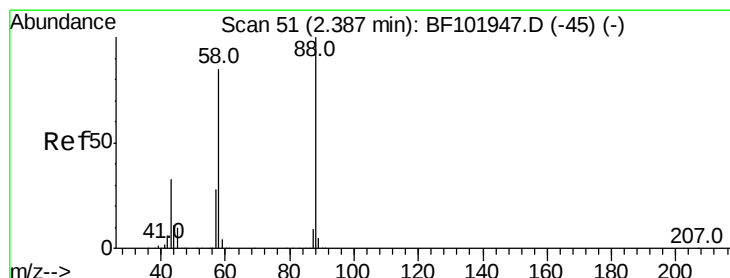
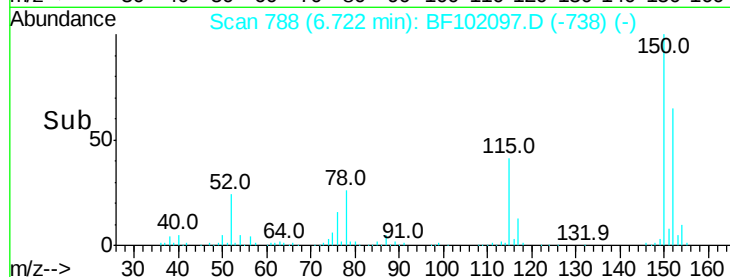
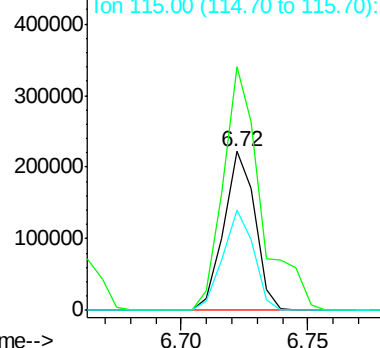
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 190744
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 62.8 50.1 75.1



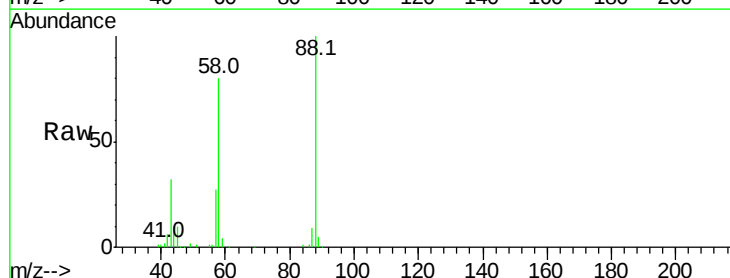
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



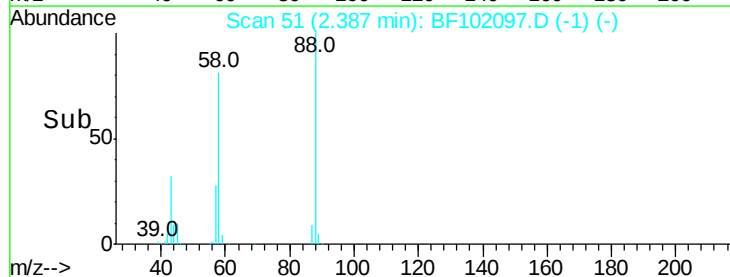
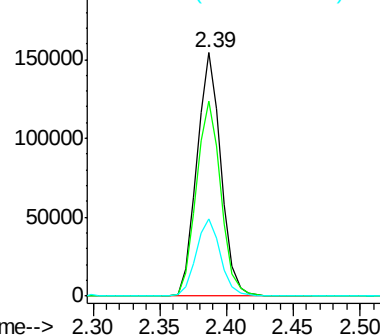
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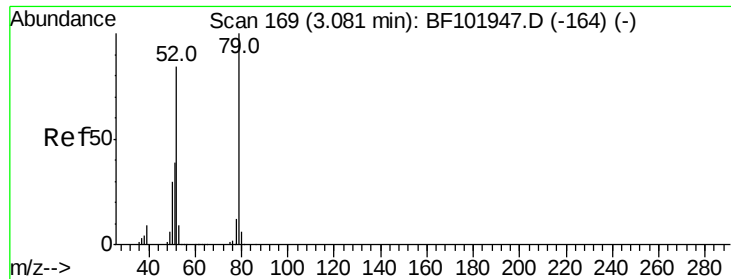
1,4-Dioxane
Concen: 29.208 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion: 88 Resp: 196894
Ion Ratio Lower Upper
88 100
58 81.3 62.6 93.8
43 32.4 24.6 37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 26.884 ng

RT: 3.09 min Scan# 171

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

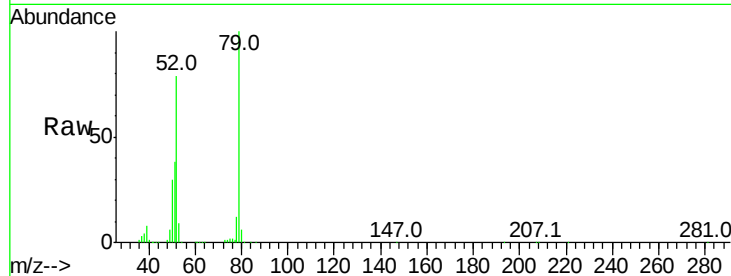
Tot Ion: 79 Resp: 494916

Ion Ratio Lower Upper

79 100

52 78.8 59.8 89.6

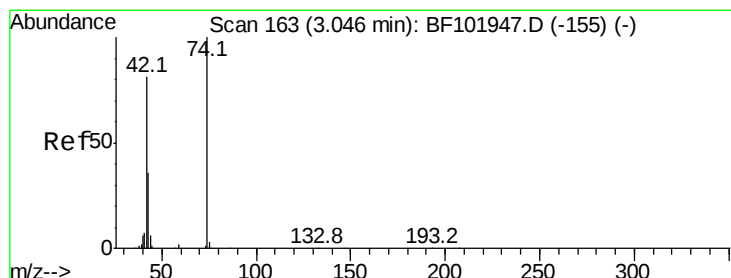
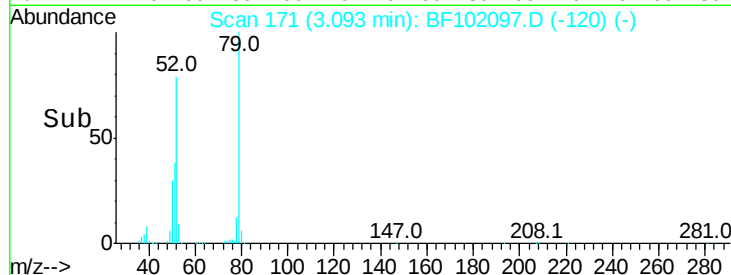
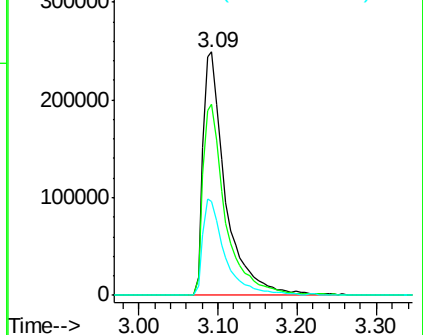
51 38.5 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 26.171 ng

RT: 3.05 min Scan# 164

Delta R.T. -0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

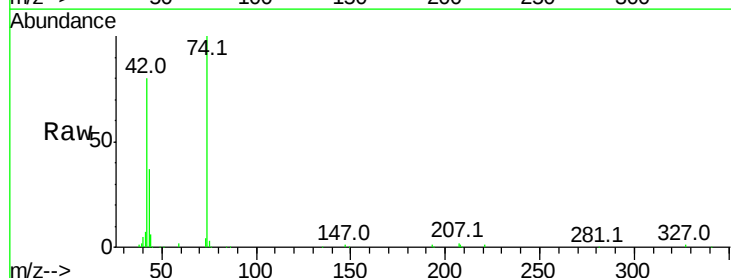
Tgt Ion: 42 Resp: 201759

Ion Ratio Lower Upper

42 100

74 124.5 104.9 157.3

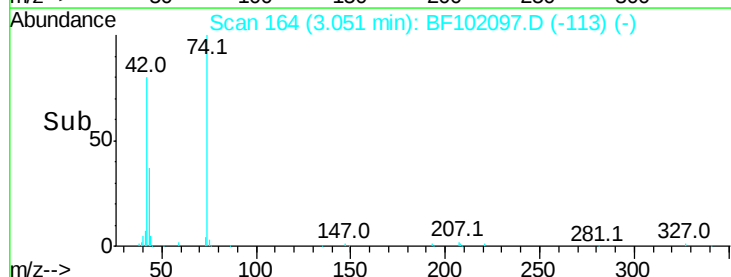
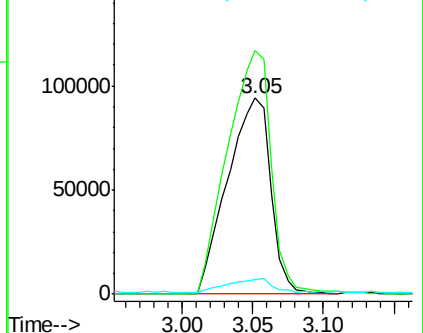
44 7.5 6.9 10.3

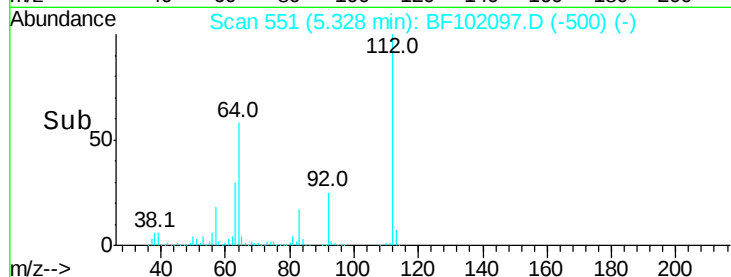
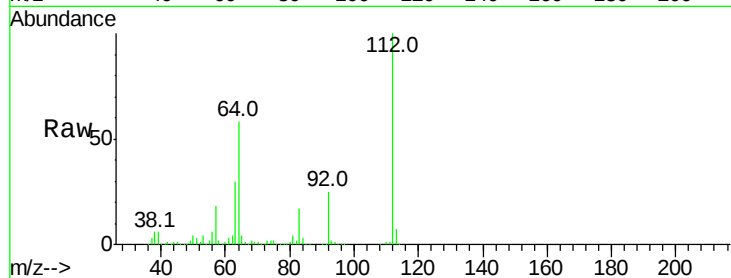
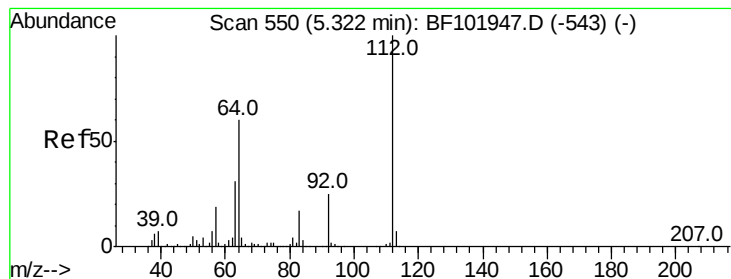


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 70.278 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF102097.D

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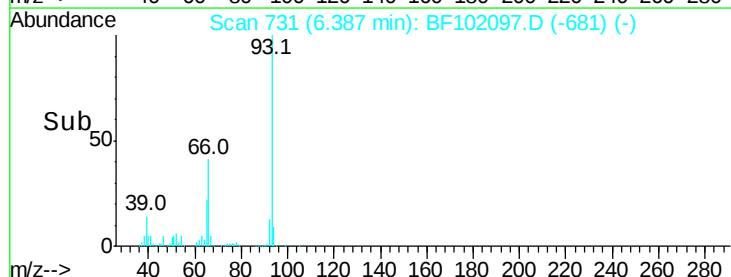
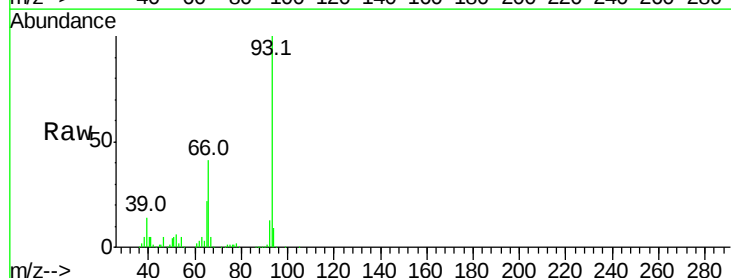
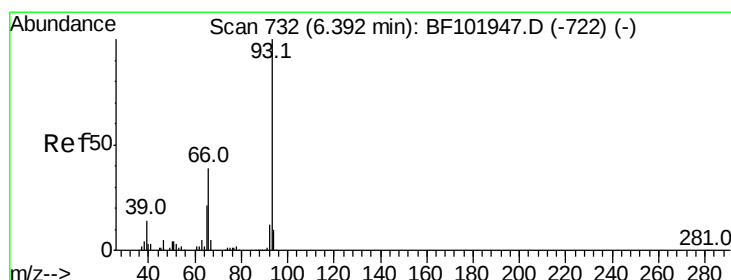
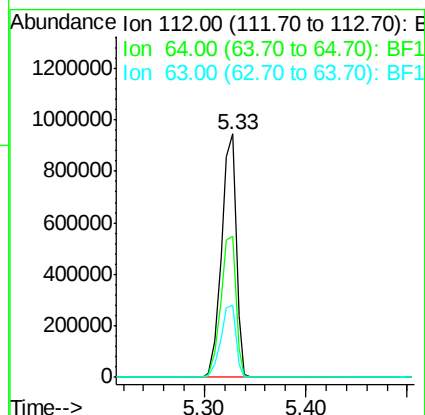
Tot Ion:112 Resp: 949316

Ion Ratio Lower Upper

112 100

64 58.0 47.9 71.9

63 29.8 23.7 35.5



#6

Aniline

Concen: 35.595 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

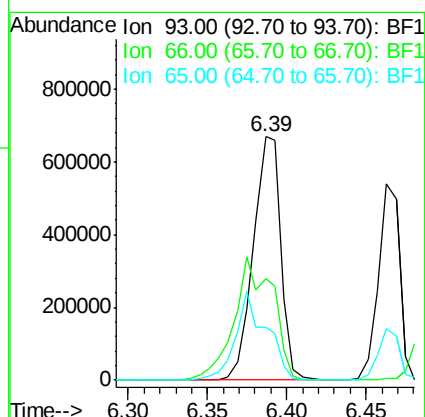
Tgt Ion: 93 Resp: 808454

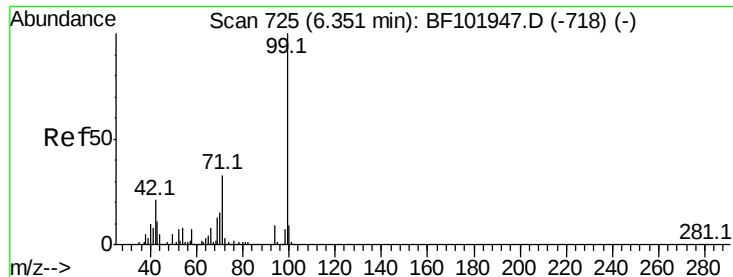
Ion Ratio Lower Upper

93 100

66 41.5 32.2 48.2

65 21.6 16.4 24.6





#7

Phenol-d6

Concen: 71.549 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

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ClientSampleId :

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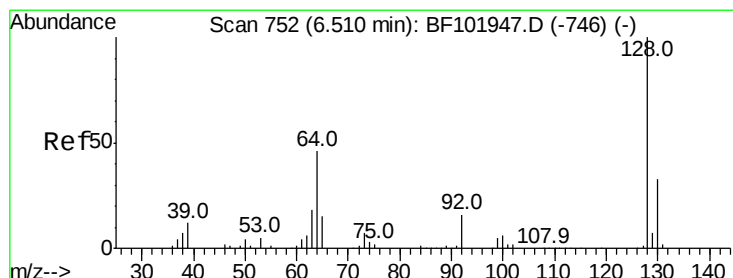
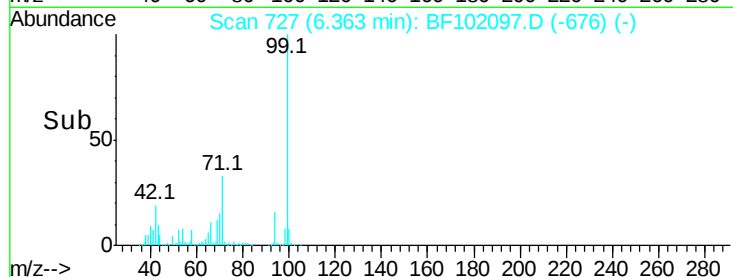
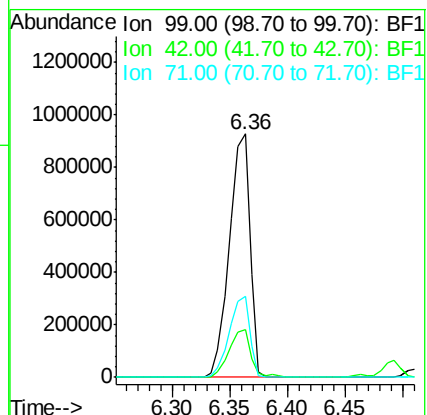
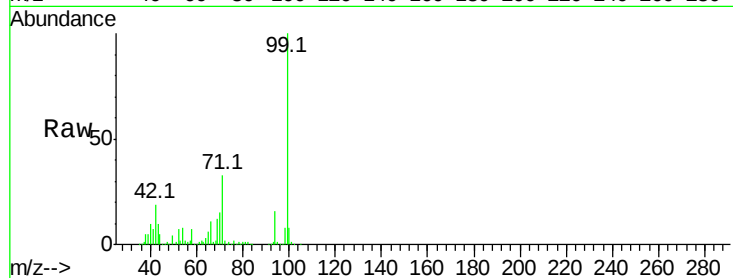
Tot Ion: 99 Resp: 1153109

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 33.4 25.4 38.0



#8

2-Chlorophenol

Concen: 37.481 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

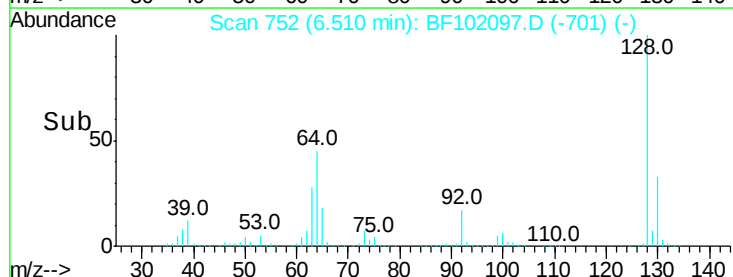
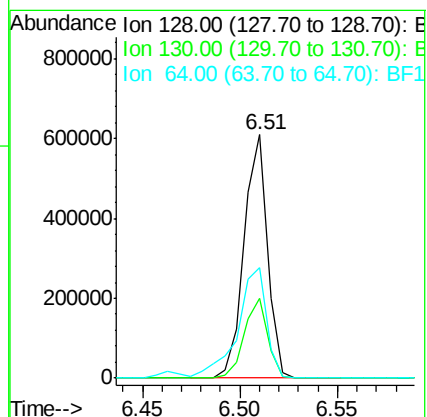
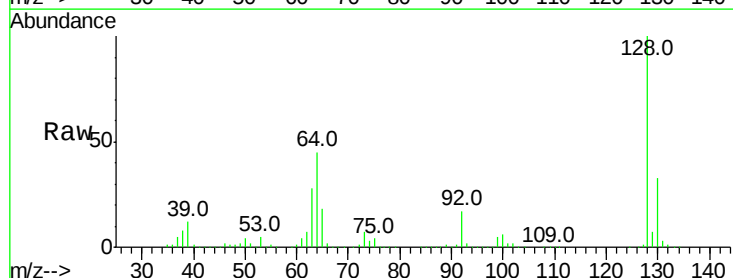
Tgt Ion: 128 Resp: 507780

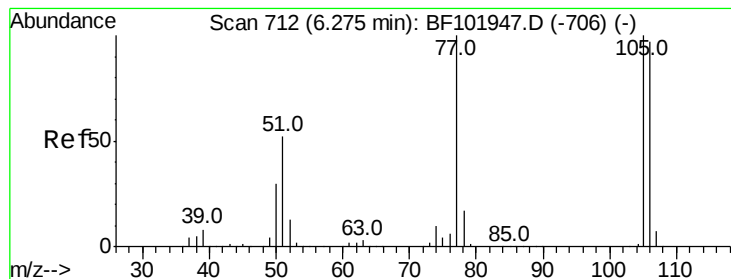
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 45.2 29.4 69.4





#9

Benzaldehyde

Concen: 31.788 ng

RT: 6.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF102097.D

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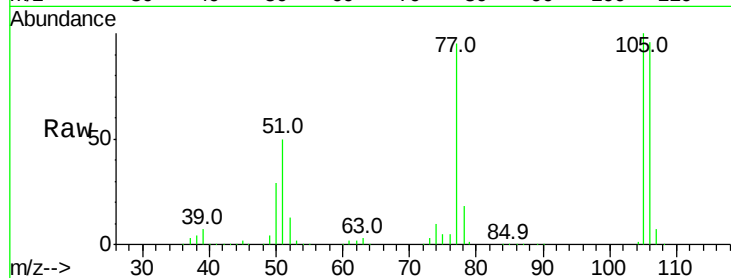
Tot Ion: 77 Resp: 355717

Ion Ratio Lower Upper

77 100

105 105.4 81.1 121.1

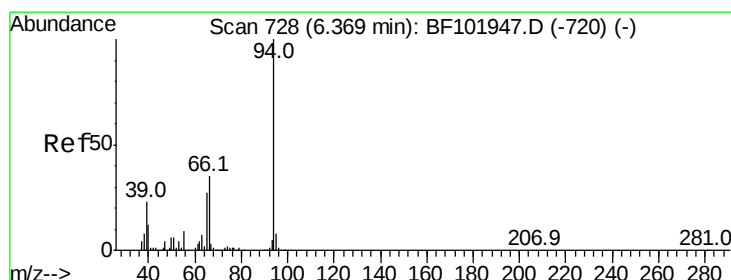
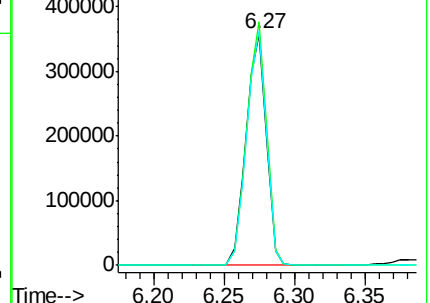
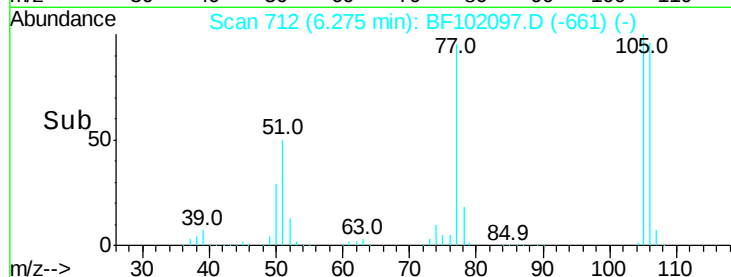
106 101.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.571 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

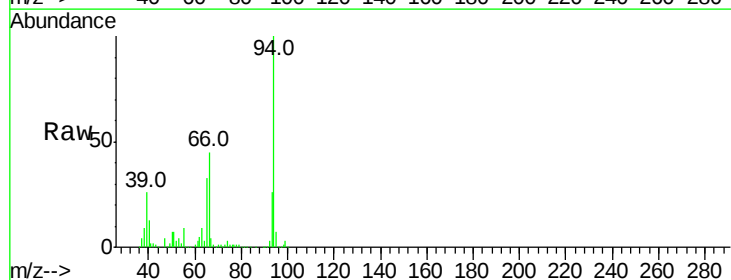
Tgt Ion: 94 Resp: 629650

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

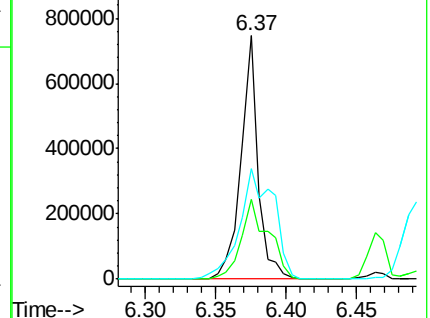
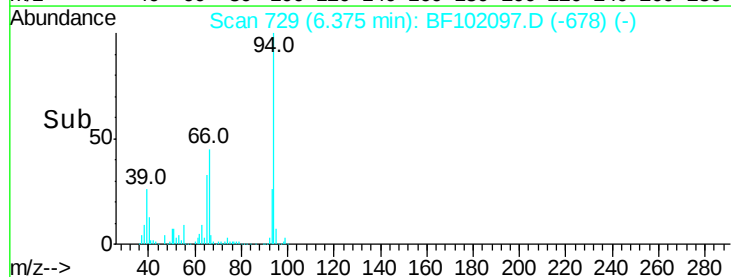
66 45.4 16.2 56.2

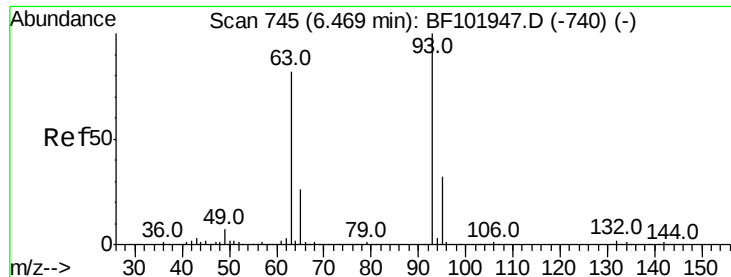


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

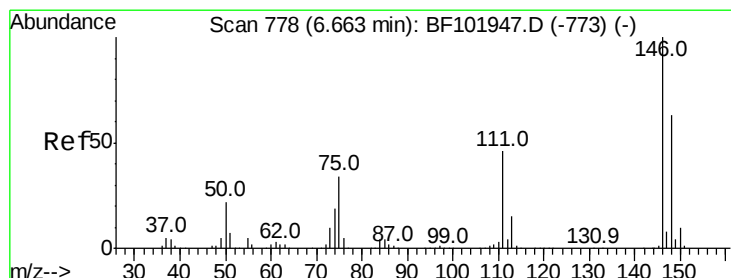
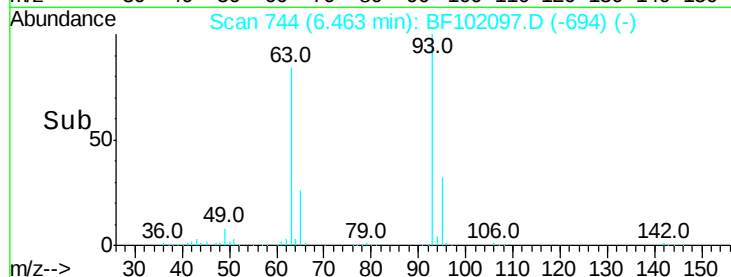
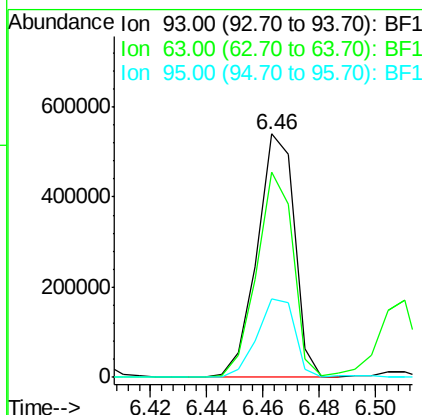
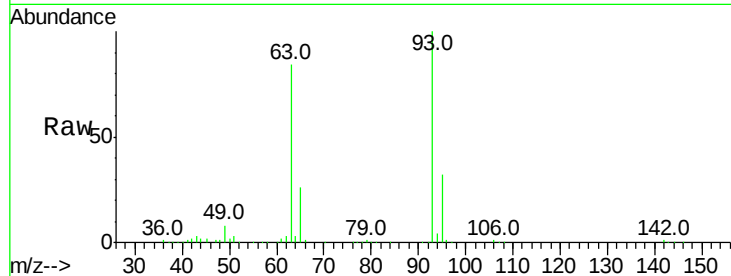




#11
bis(2-Chloroethyl)ether
Concen: 35.689 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

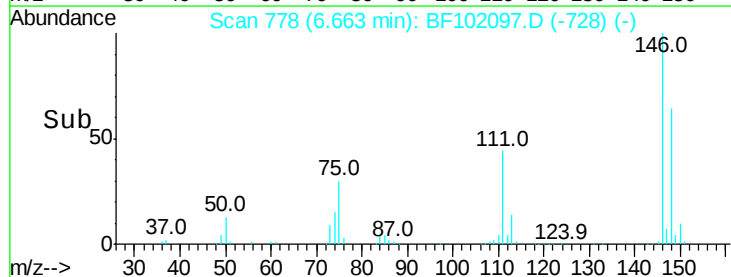
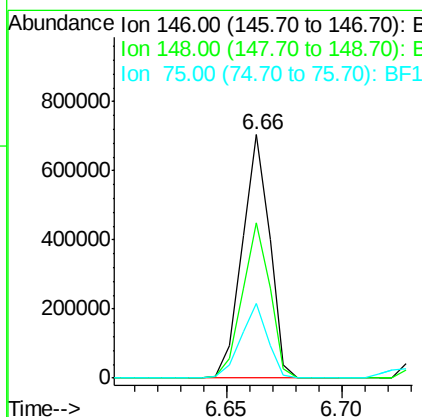
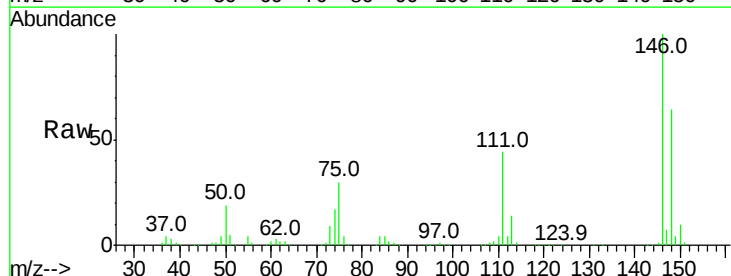
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

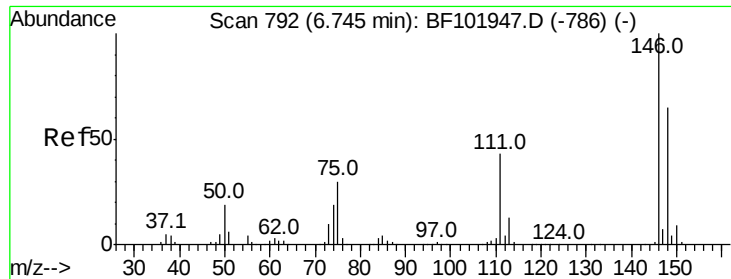
Tot Ion: 93 Resp: 494752
Ion Ratio Lower Upper
93 100
63 84.3 58.6 98.6
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 37.541 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion: 146 Resp: 586277
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
75 30.4 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 37.793 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

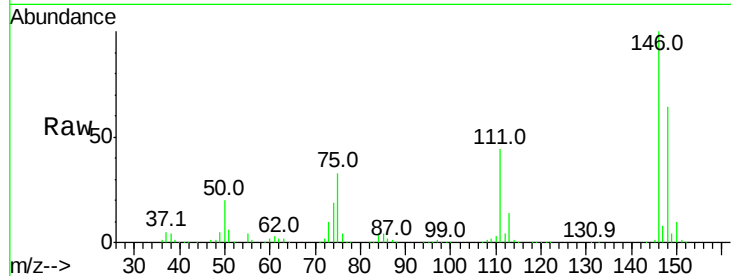
Tot Ion:146 Resp: 588951

Ion Ratio Lower Upper

146 100

148 63.8 50.8 76.2

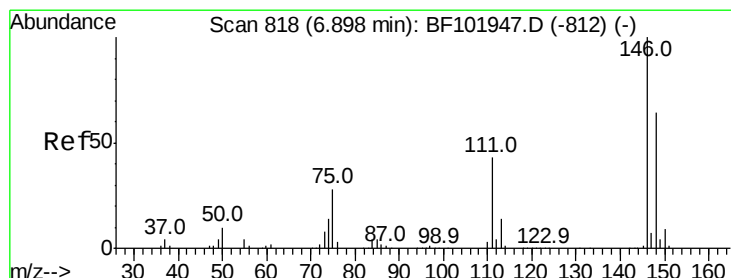
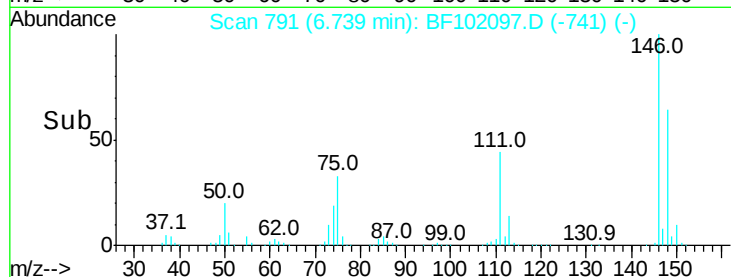
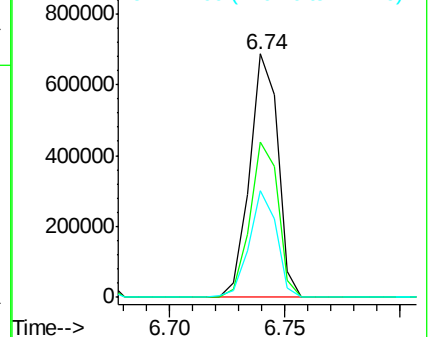
111 43.7 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.654 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

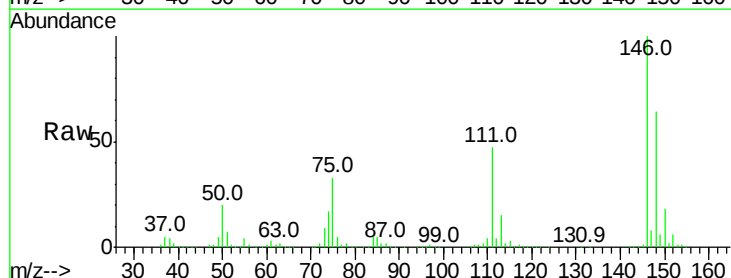
Tgt Ion:146 Resp: 543115

Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

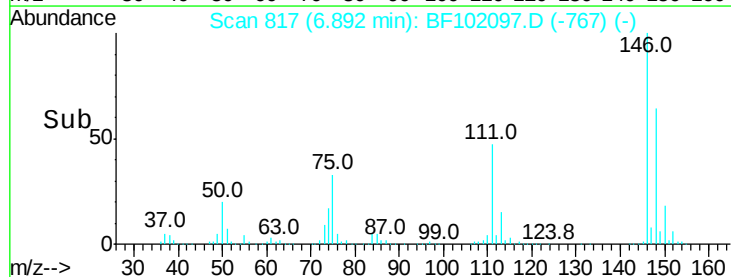
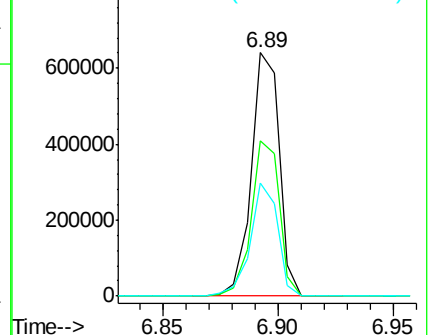
111 46.6 36.0 54.0

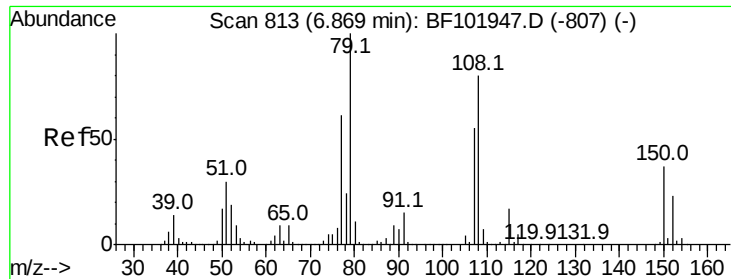


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

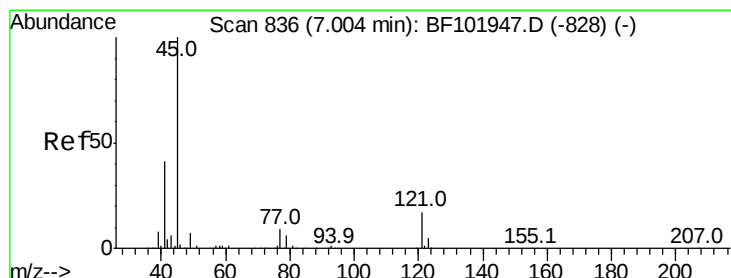
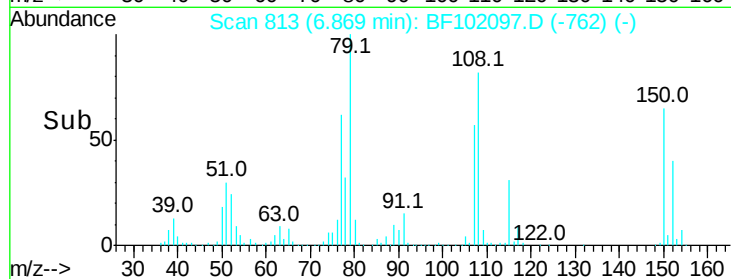
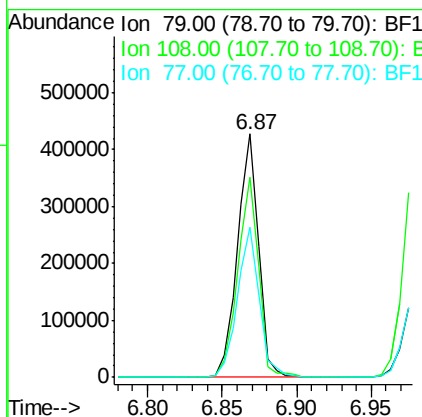
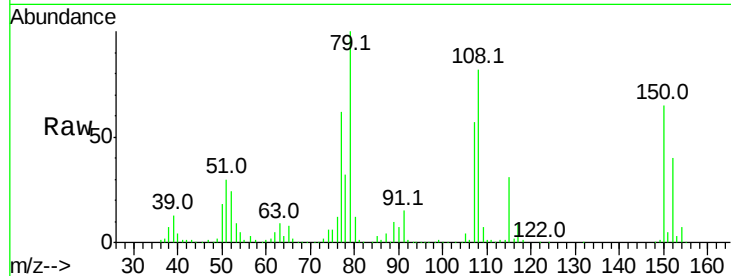




#15
Benzyl Alcohol
Concen: 35.896 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

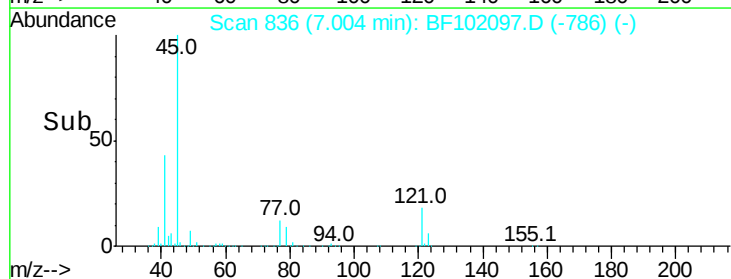
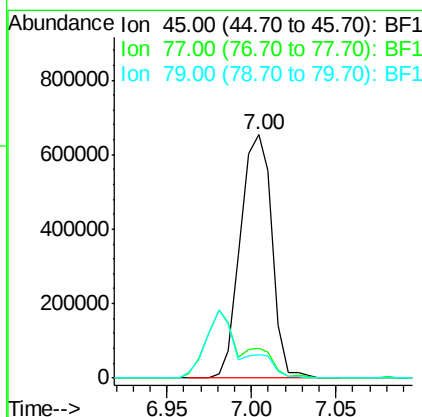
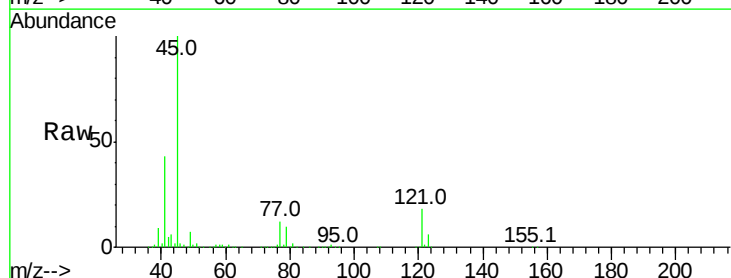
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

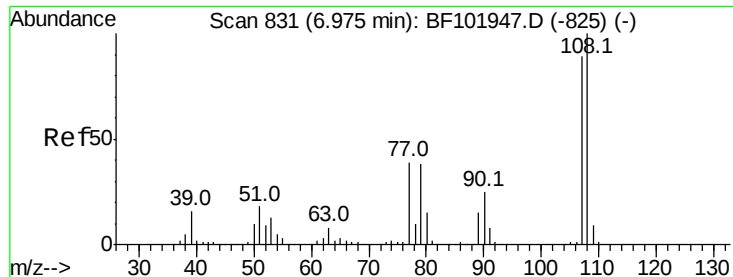
Tot Ion: 79 Resp: 423174
Ion Ratio Lower Upper
79 100
108 81.9 65.1 97.7
77 61.8 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 33.325 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion: 45 Resp: 851633
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.9
79 9.5 0.0 29.6

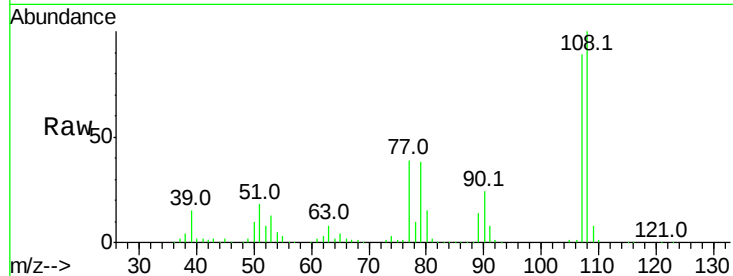




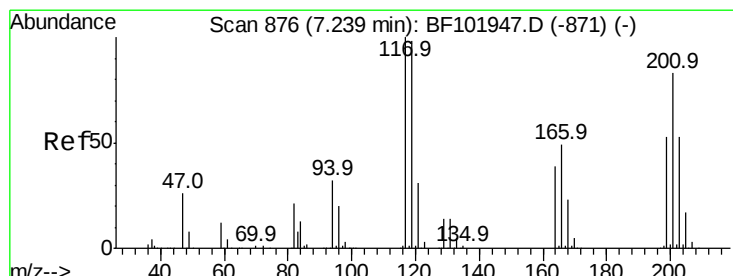
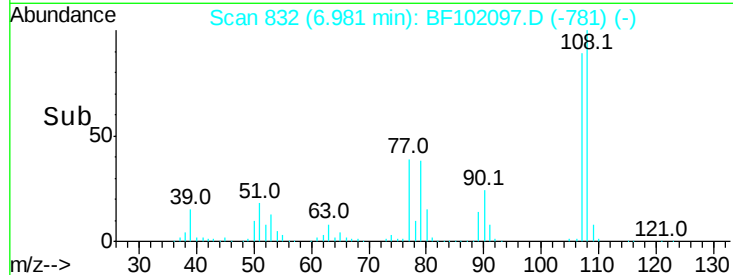
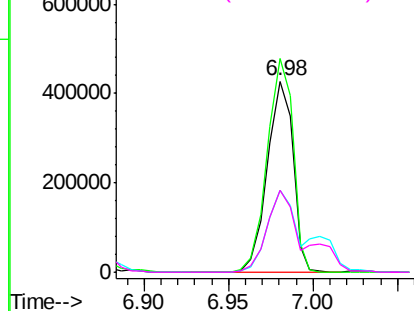
#17
2-Methylphenol
Concen: 36.971 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:107 Resp: 451831
Ion Ratio Lower Upper
107 100
108 112.0 91.7 137.5
77 43.2 33.8 50.8
79 42.8 33.8 50.8

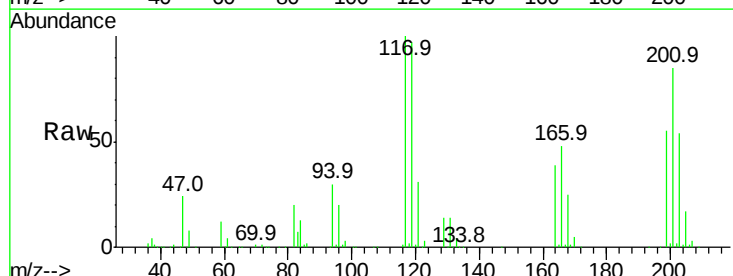


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

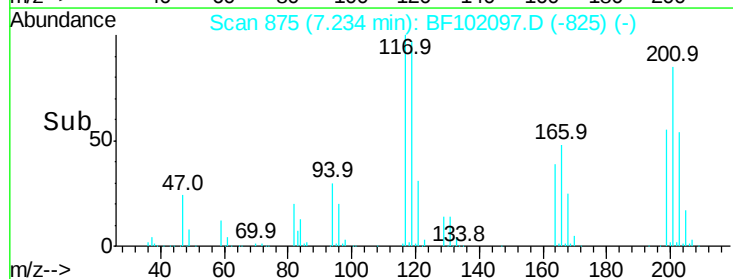
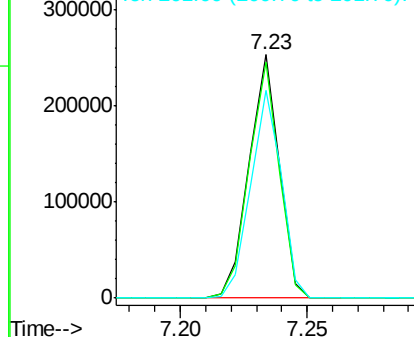


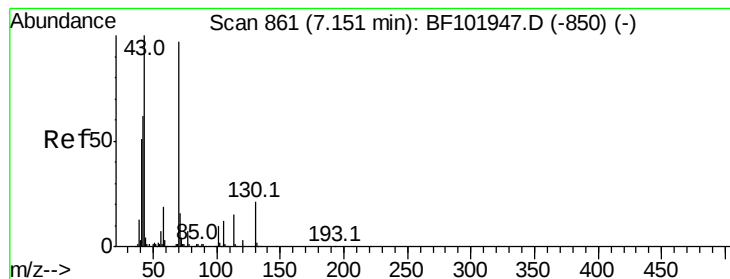
#18
Hexachloroethane
Concen: 38.378 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:117 Resp: 210607
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.8
201 85.4 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 34.122 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 360380

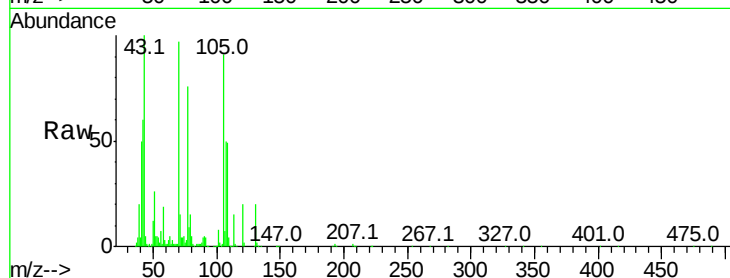
Ion Ratio Lower Upper

70 100

42 62.5 47.5 71.3

101 8.6 7.4 11.2

130 20.3 16.6 25.0

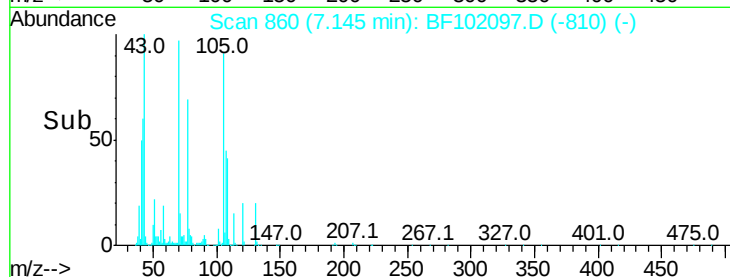
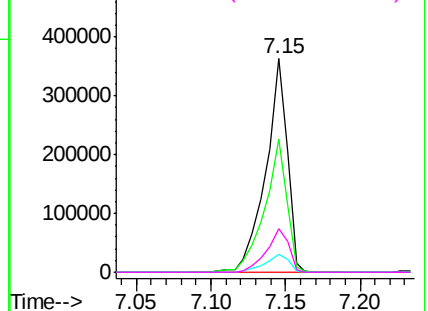


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 34.668 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Tgt Ion: 107 Resp: 508713

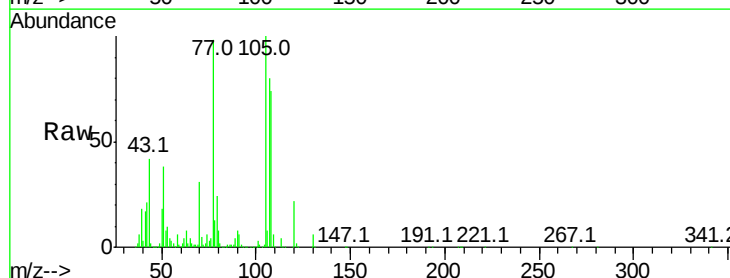
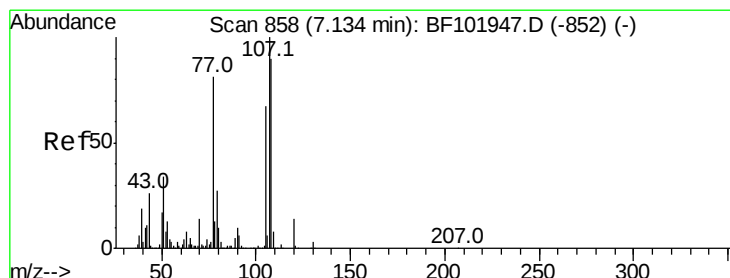
Ion Ratio Lower Upper

107 100

108 92.8 68.2 108.2

77 122.9 26.7 66.7#

79 29.8 6.3 46.3

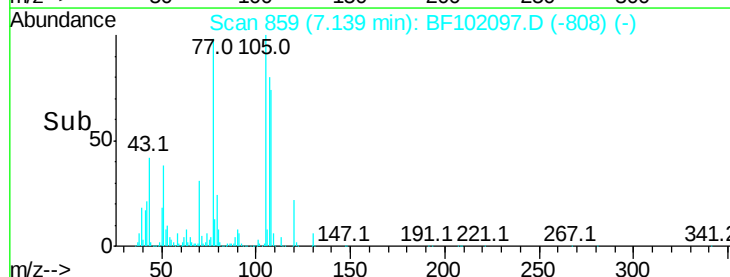
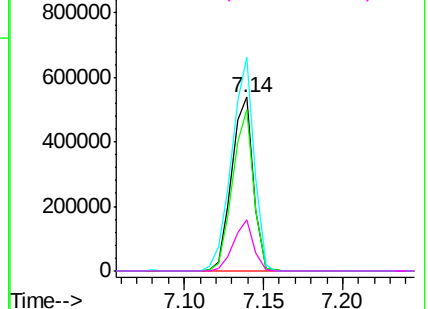


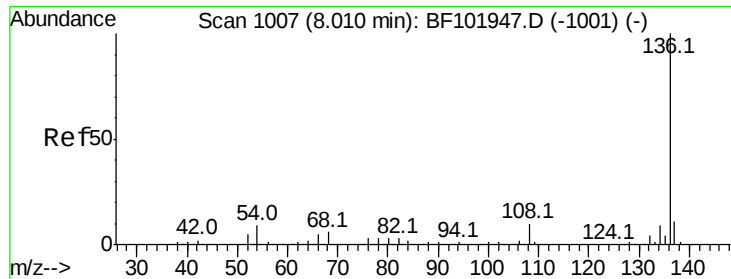
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

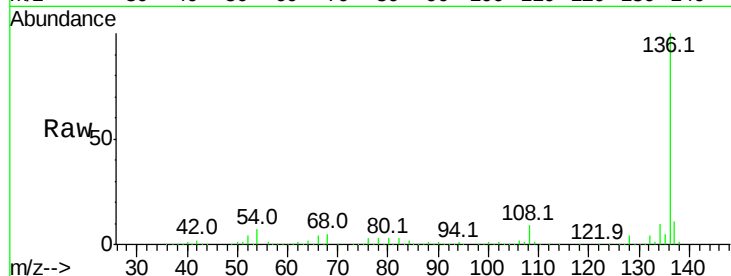




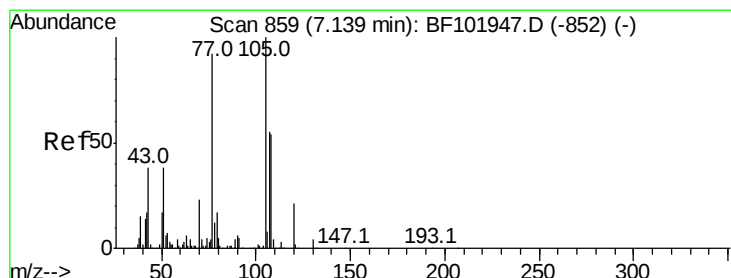
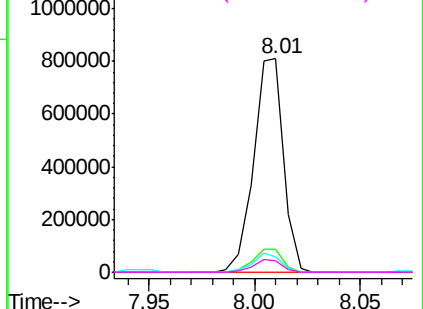
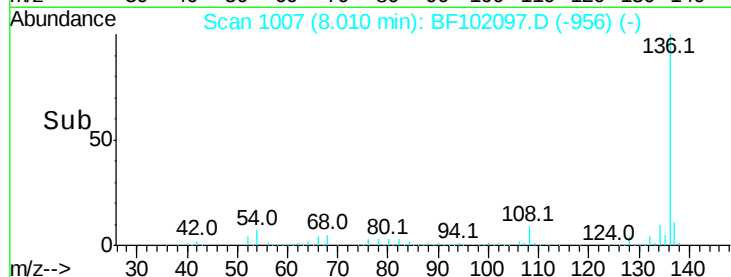
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:136	Resp:	796471
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.9 13.3
54	7.4	6.6 9.8
68	5.4	5.0 7.4

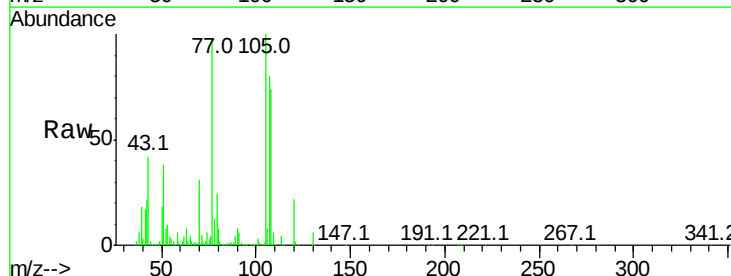


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

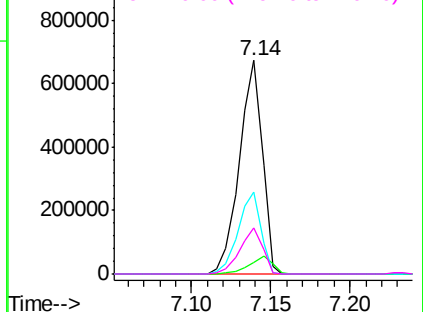
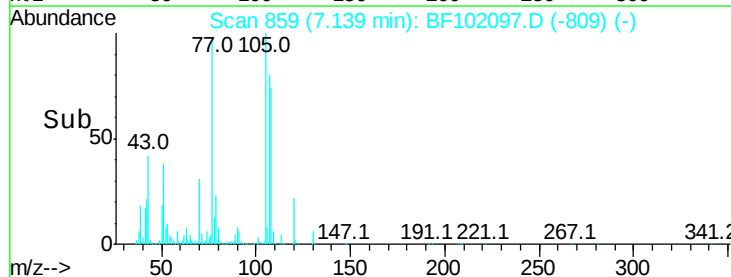


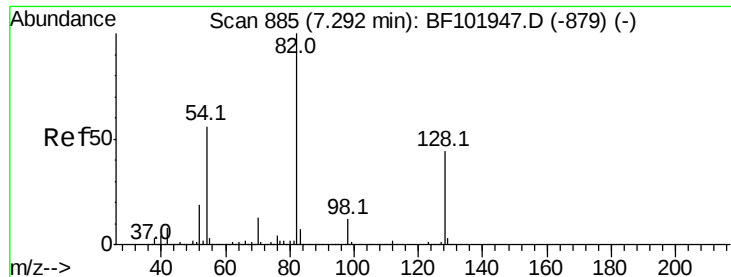
#22
Acetophenone
Concen: 35.140 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:105	Resp:	674352
Ion Ratio	Lower	Upper
105	100	
71	5.3	4.4 6.6
51	38.2	22.3 33.5#
120	21.5	16.9 25.3



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

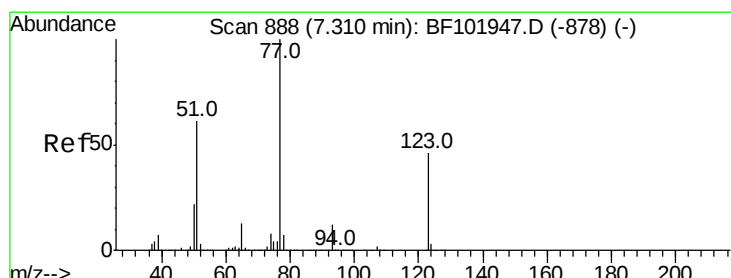
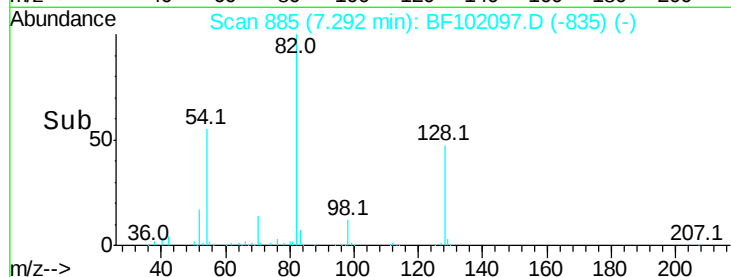
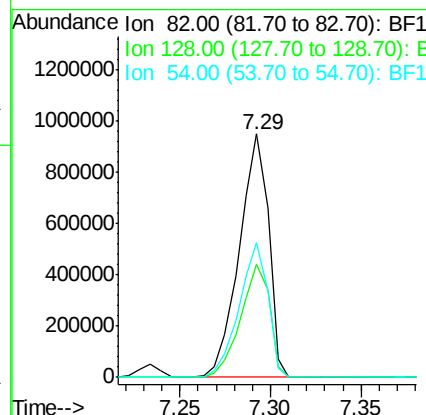
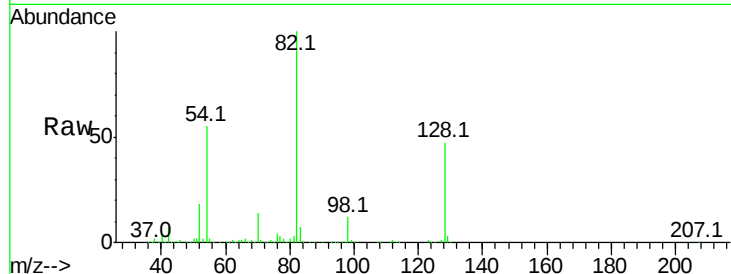




#23
Nitrobenzene-d5
Concen: 78.291 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

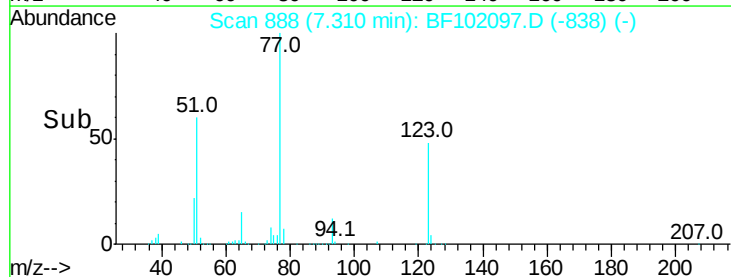
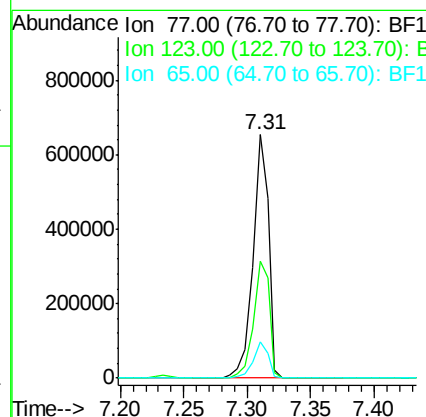
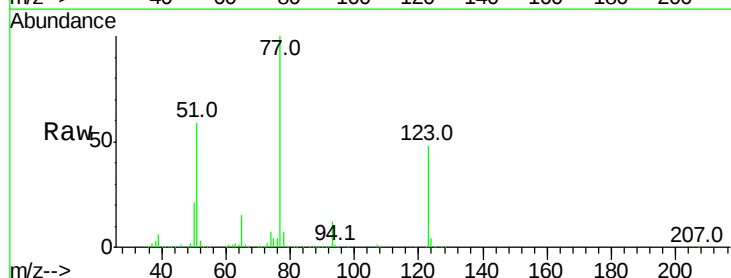
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

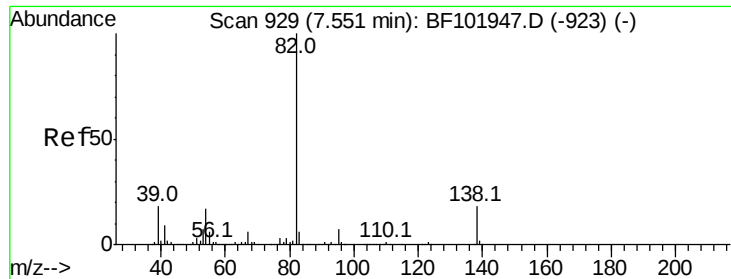
Tot Ion: 82 Resp: 1061129
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 55.3 41.4 62.2



#24
Nitrobenzene
Concen: 38.092 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion: 77 Resp: 554781
Ion Ratio Lower Upper
77 100
123 47.8 37.9 56.9
65 14.7 11.0 16.4





#25

Isophorone

Concen: 36.339 ng

RT: 7.55 min Scan# 929

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

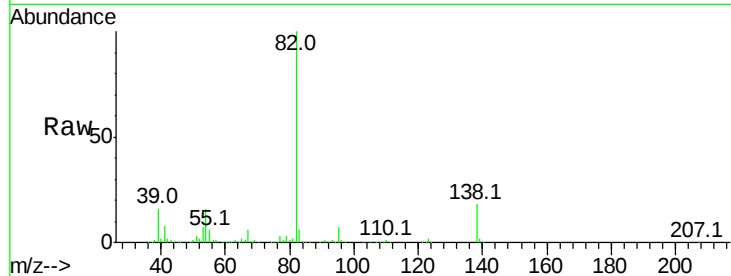
Tot Ion: 82 Resp: 973180

Ion Ratio Lower Upper

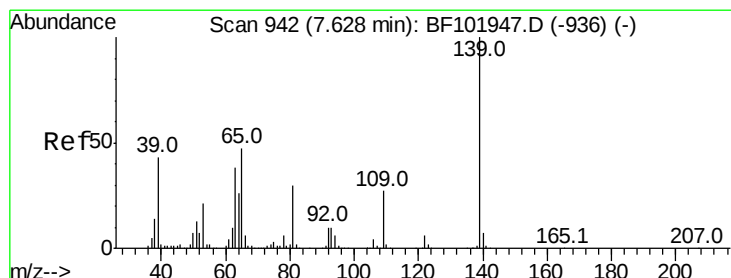
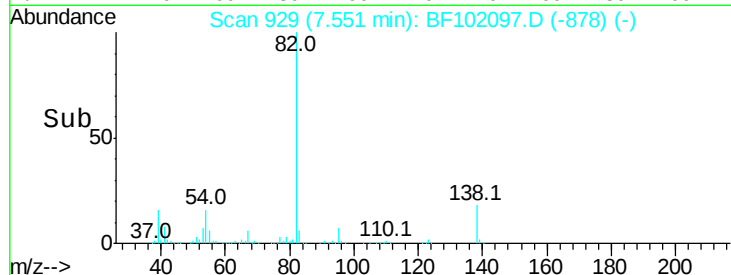
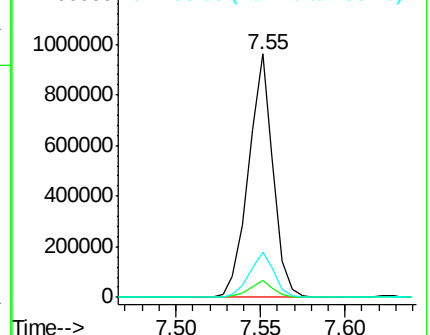
82 100

95 6.8 5.2 7.8

138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.252 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

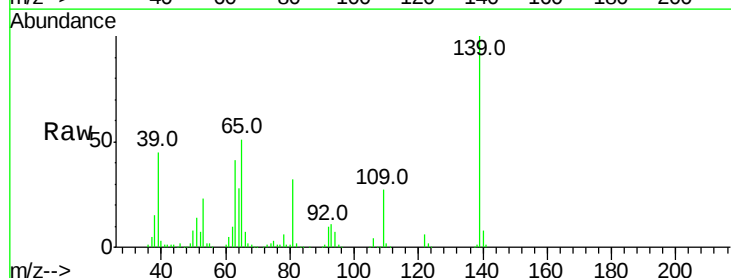
Tgt Ion: 139 Resp: 294132

Ion Ratio Lower Upper

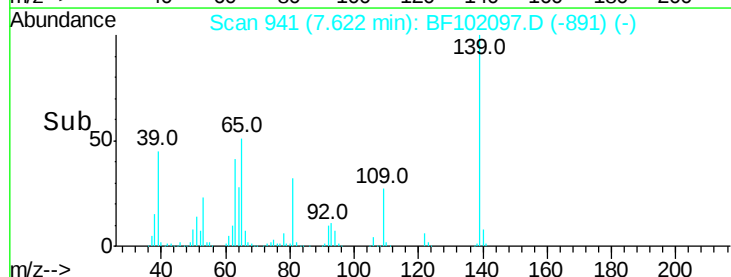
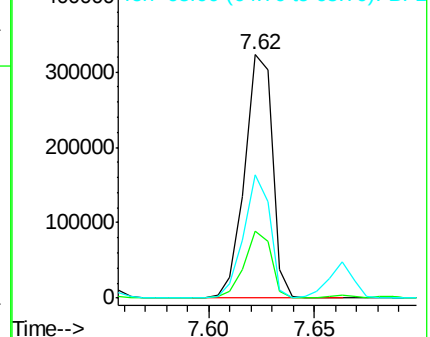
139 100

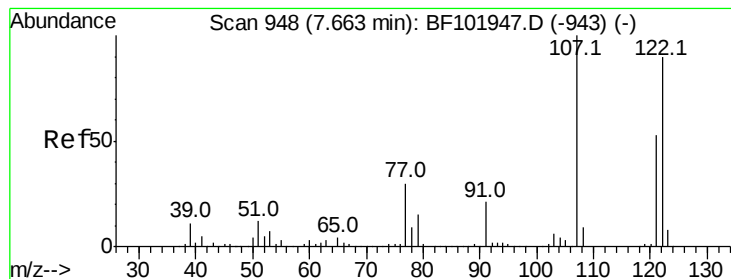
109 27.3 22.7 34.1

65 50.6 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.594 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

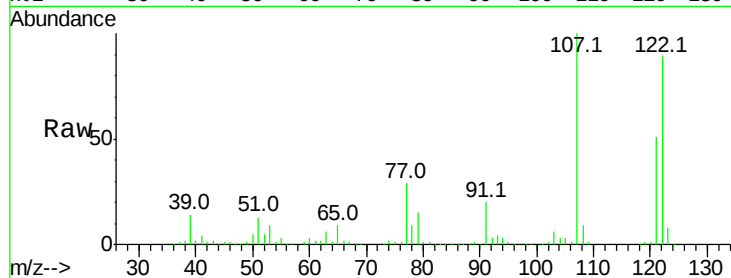
Tot Ion:122 Resp: 416606

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

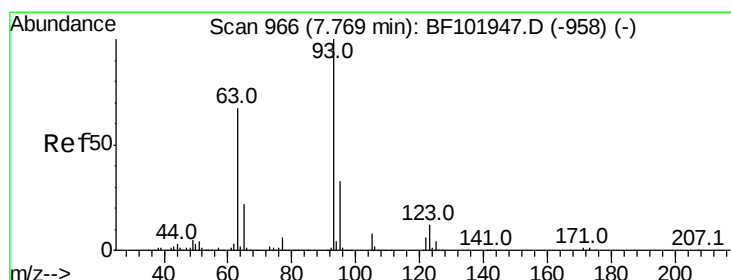
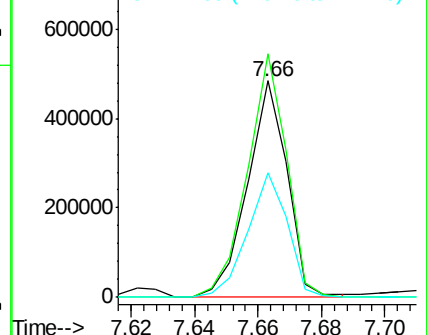
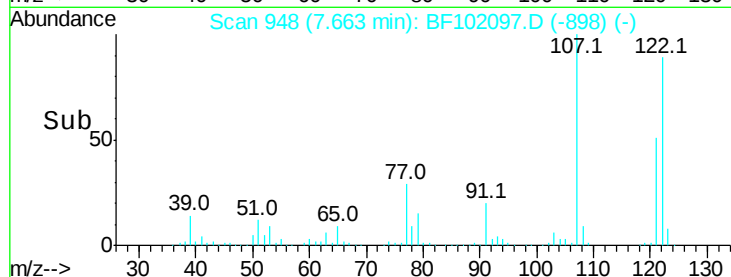
121 57.4 47.2 70.8



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: 36.411 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

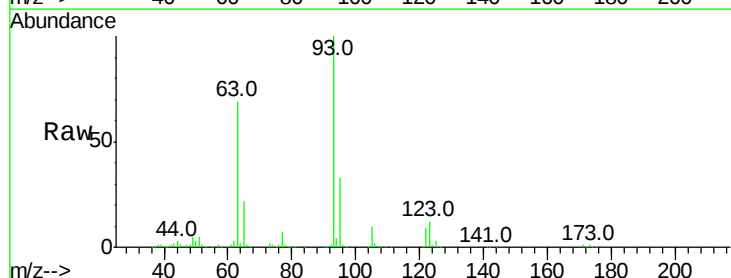
Tgt Ion: 93 Resp: 588781

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

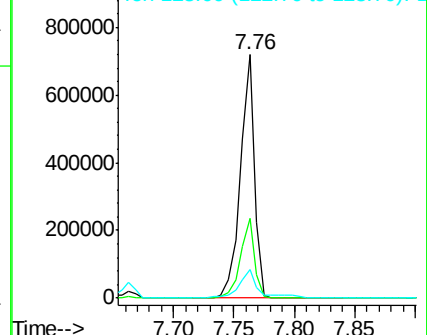
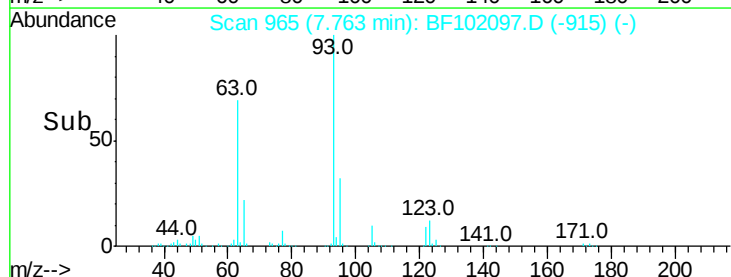
123 12.0 9.8 14.6

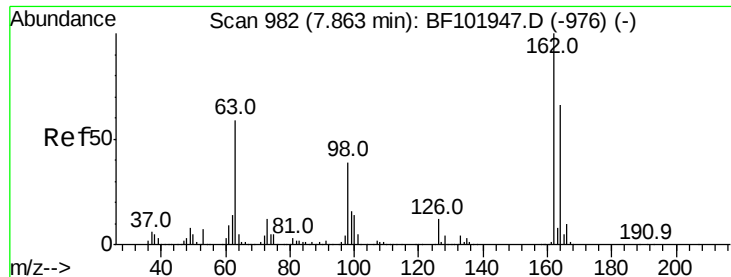


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 38.795 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

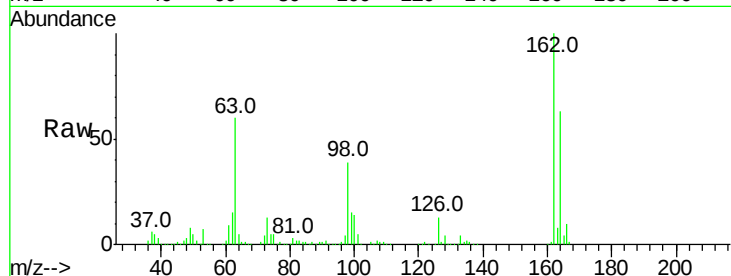
Tot Ion:162 Resp: 419366

Ion Ratio Lower Upper

162 100

164 62.6 42.7 82.7

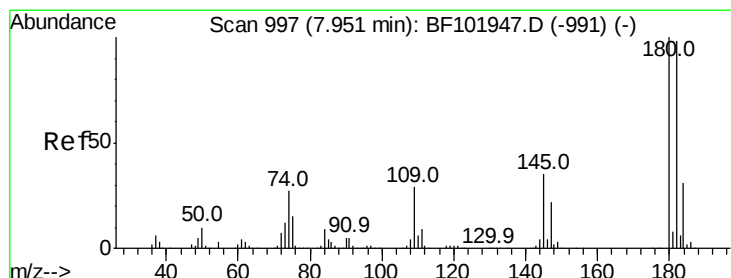
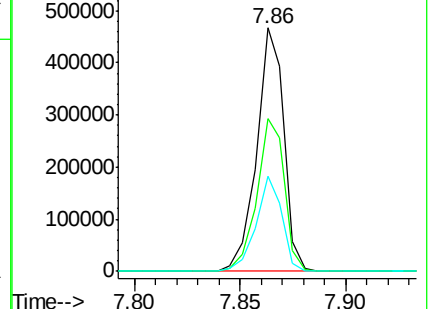
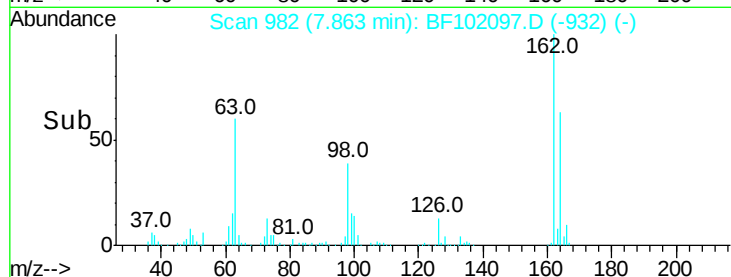
98 38.9 18.1 58.1



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): BF1



#30

1,2,4-Trichlorobenzene

Concen: 38.931 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

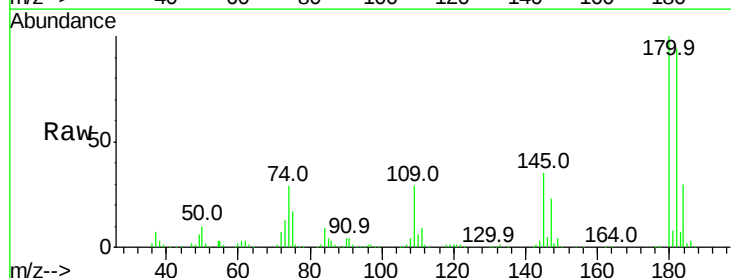
Tgt Ion:180 Resp: 440192

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

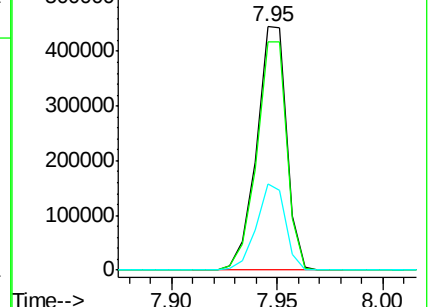
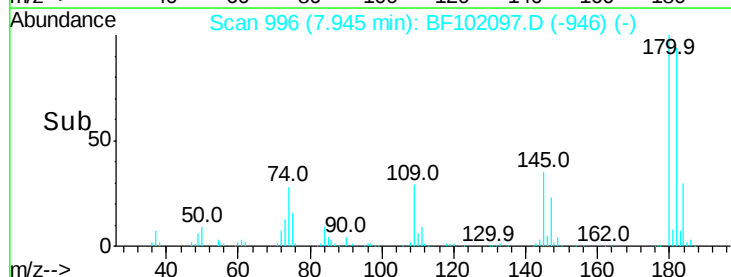
145 35.3 26.5 39.7

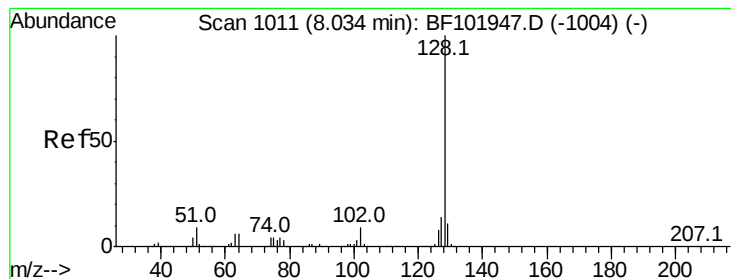


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.078 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

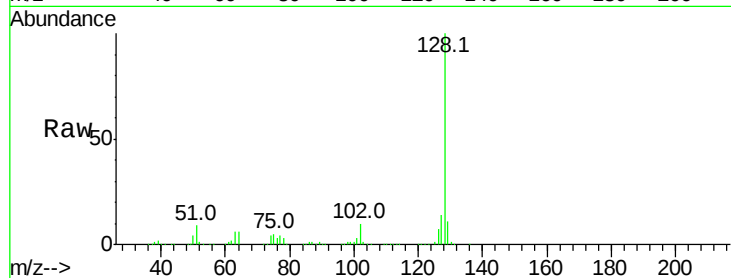
Tot Ion:128 Resp: 1475661

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

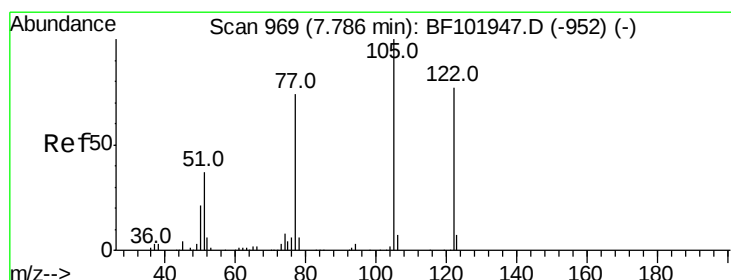
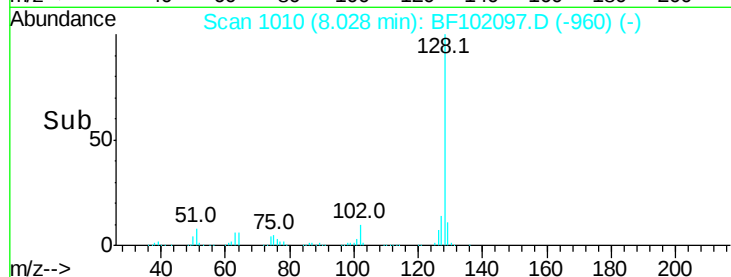
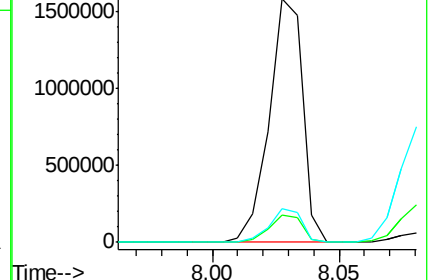
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.634 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

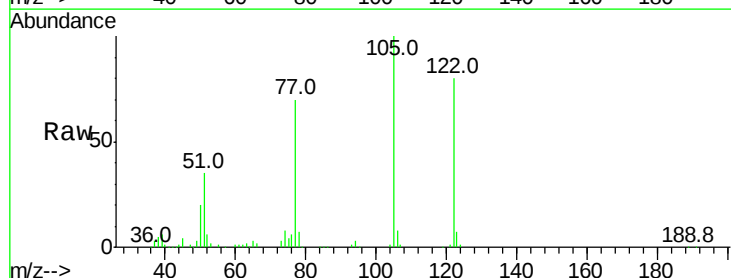
Tgt Ion:122 Resp: 342153

Ion Ratio Lower Upper

122 100

105 125.5 101.1 141.1

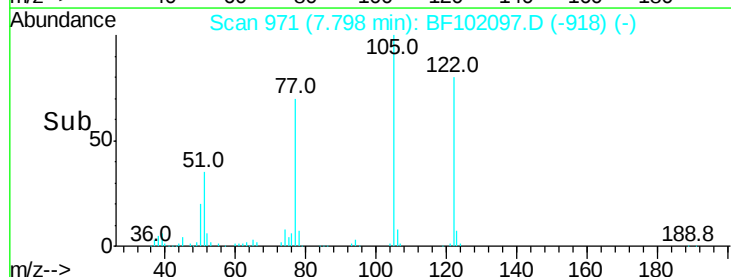
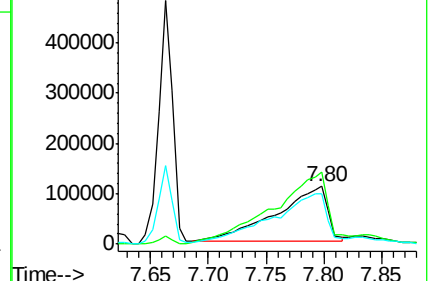
77 87.9 70.7 110.7

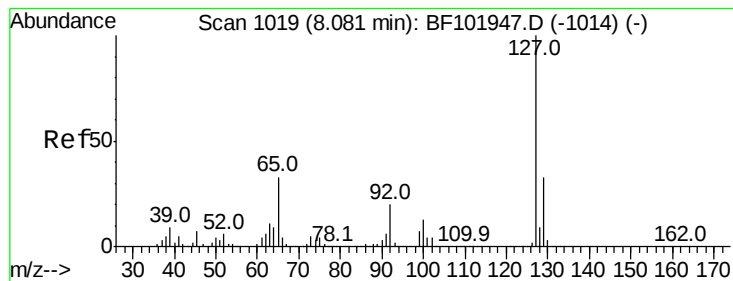


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 37.792 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 641952

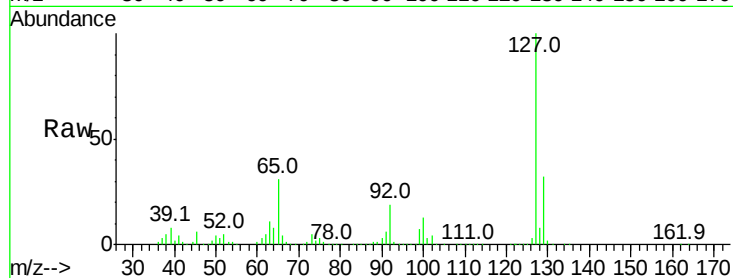
Ion Ratio Lower Upper

127 100

129 32.1 25.9 38.9

65 31.0 25.0 37.4

92 19.2 15.2 22.8

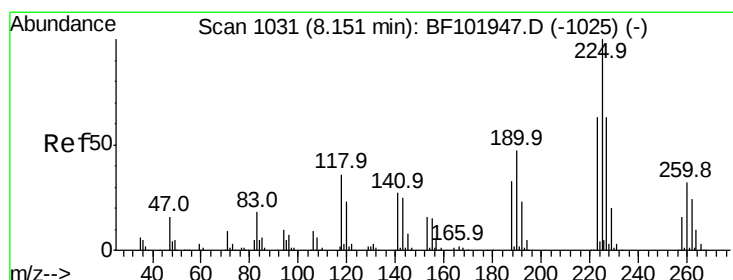
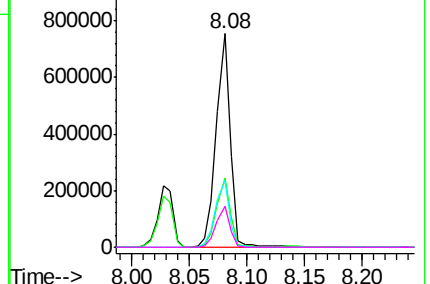
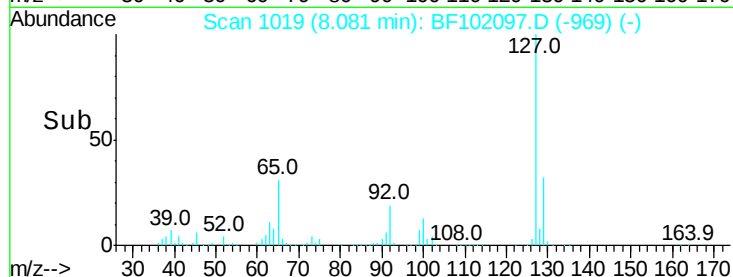


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.510 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

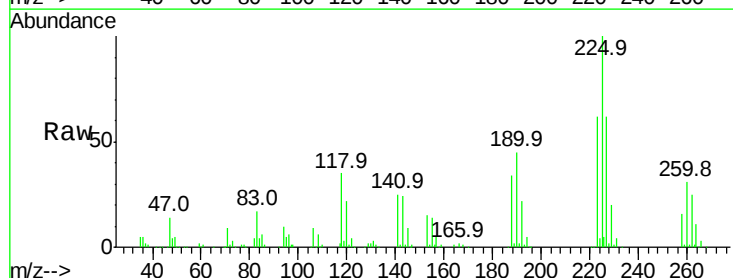
Tgt Ion:225 Resp: 236471

Ion Ratio Lower Upper

225 100

223 61.9 50.6 76.0

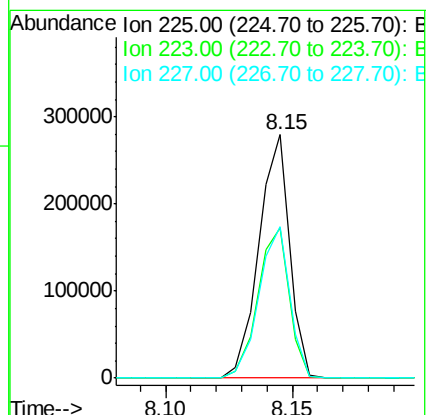
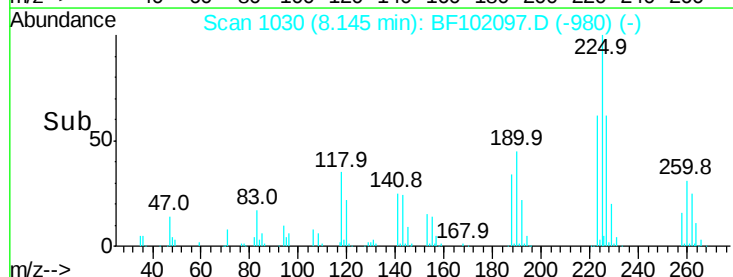
227 62.3 51.9 77.9

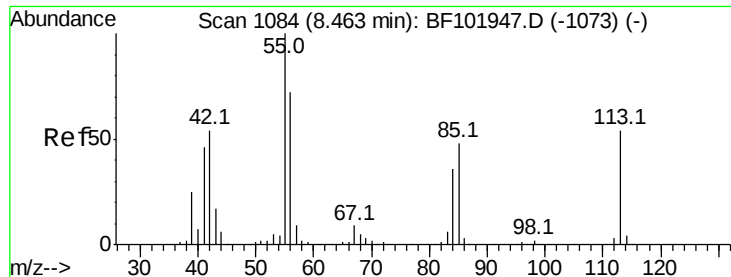


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.777 ng

RT: 8.46 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

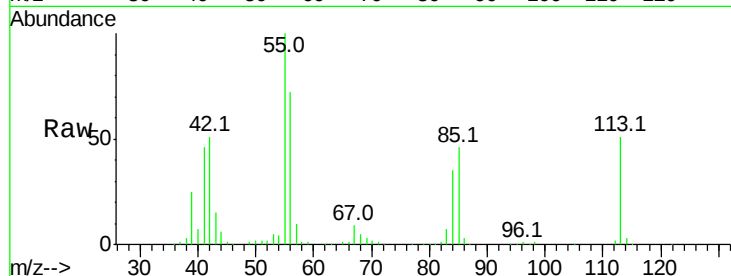
Tot Ion:113 Resp: 143902

Ion Ratio Lower Upper

113 100

55 194.2 163.3 203.3

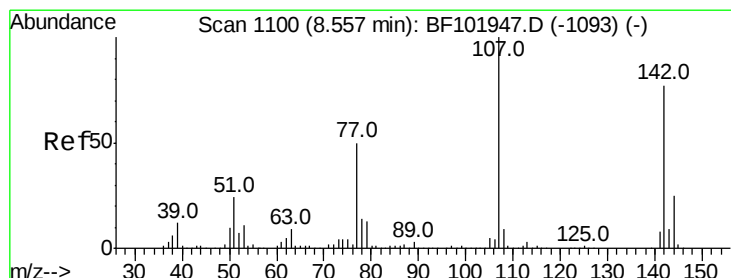
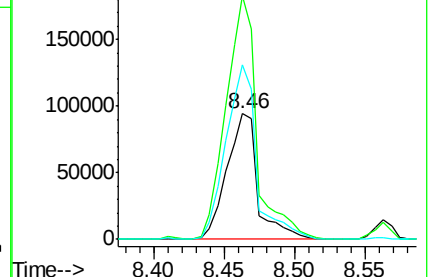
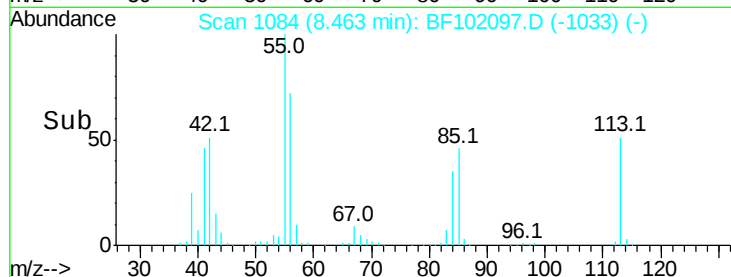
56 139.7 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.752 ng

RT: 8.56 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

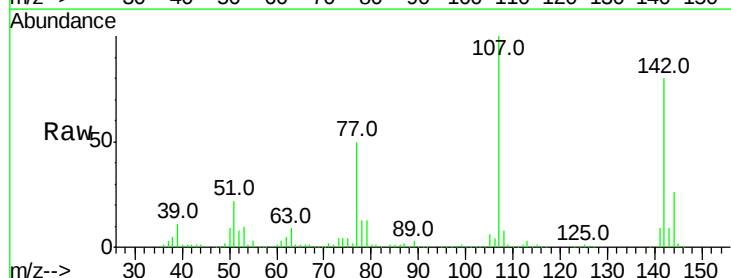
Tgt Ion:107 Resp: 446713

Ion Ratio Lower Upper

107 100

144 25.9 20.5 30.7

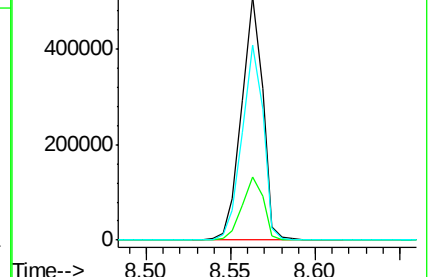
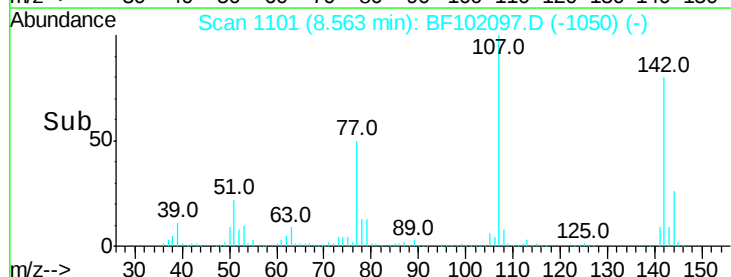
142 79.9 62.0 93.0

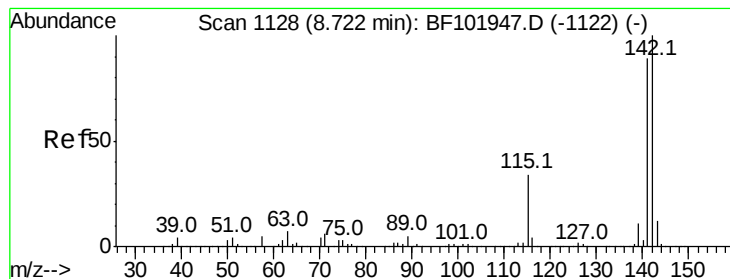


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.217 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

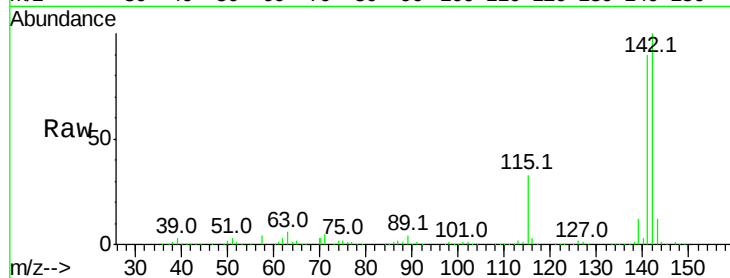
Tot Ion:142 Resp: 975096

Ion Ratio Lower Upper

142 100

141 90.1 70.8 106.2

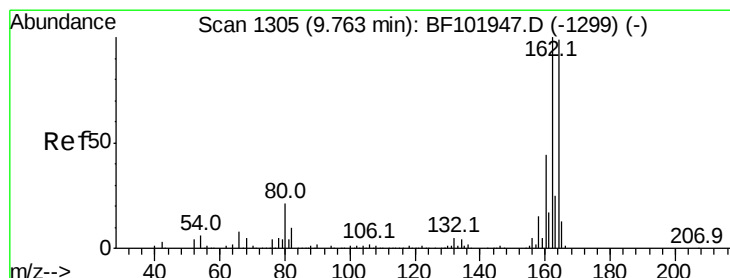
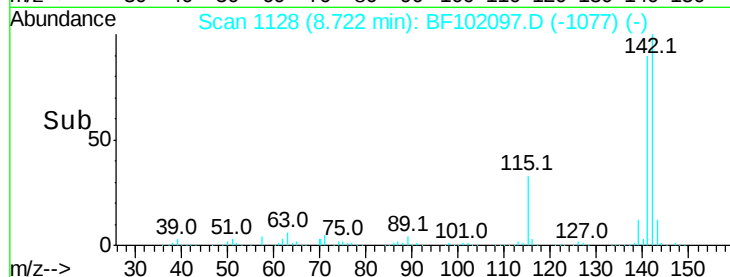
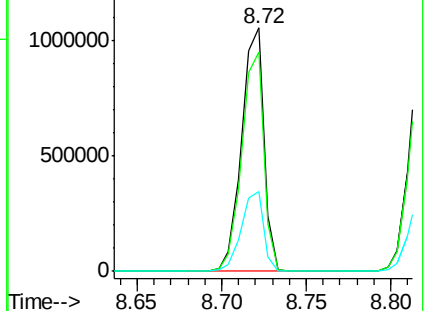
115 32.8 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

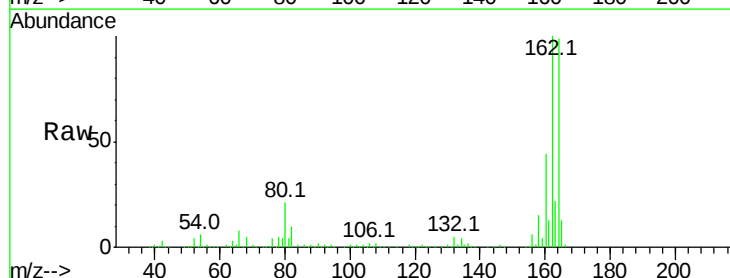
Tgt Ion:164 Resp: 357444

Ion Ratio Lower Upper

164 100

162 101.4 86.1 129.1

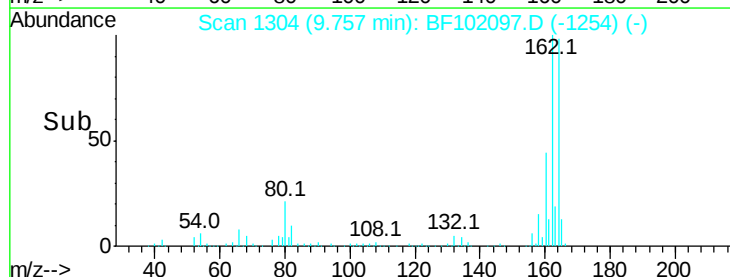
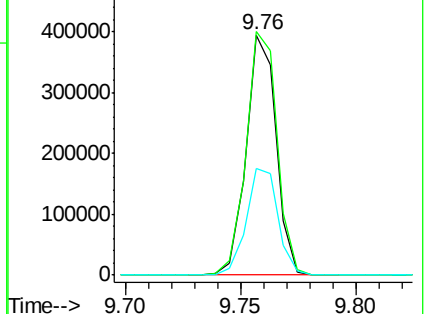
160 44.6 38.3 57.5

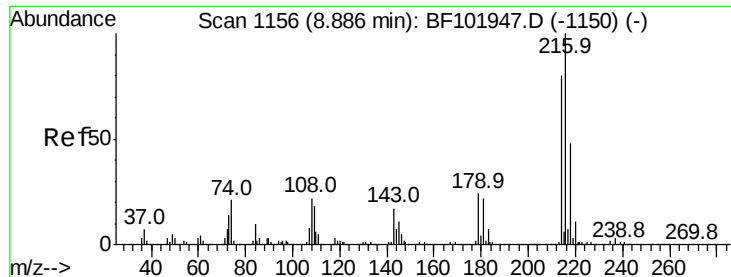


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

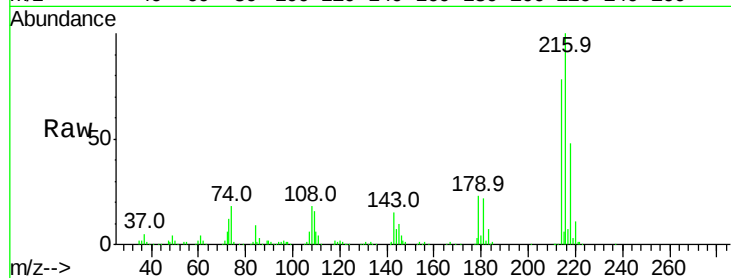




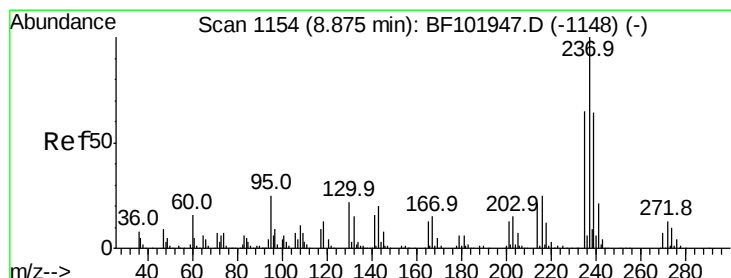
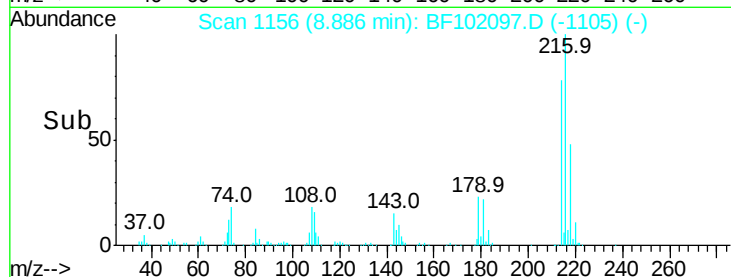
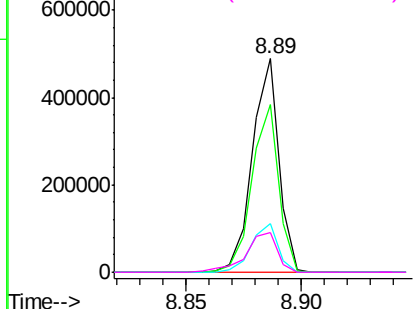
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.972 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	216	Resp:	394103
Ion Ratio	Lower	Upper	
216	100		
214	78.8	63.0	94.4
179	22.9	18.1	27.1
108	22.2	17.2	25.8

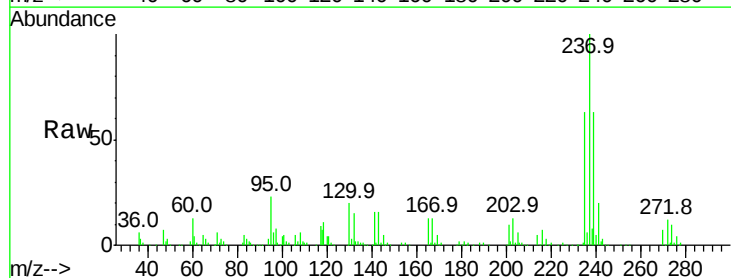


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

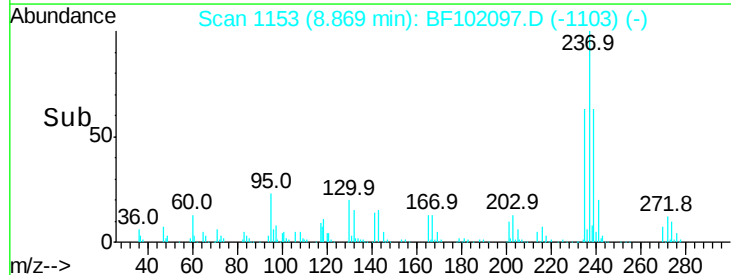
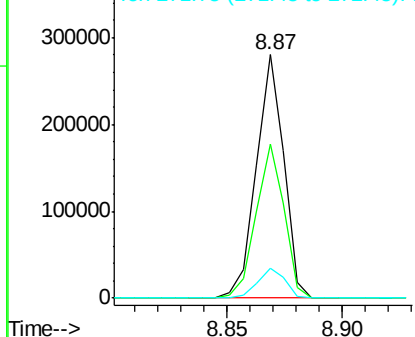


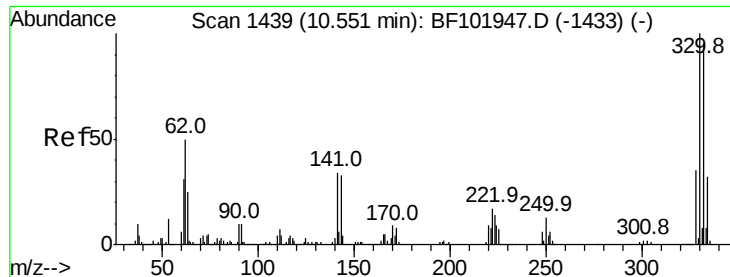
#40
 Hexachlorocyclopentadiene
 Concen: 42.238 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion:	237	Resp:	233588
Ion Ratio	Lower	Upper	
237	100		
235	63.1	44.8	84.8
272	12.1	0.0	33.3



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

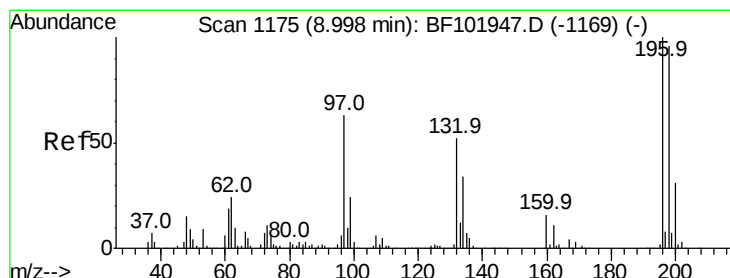
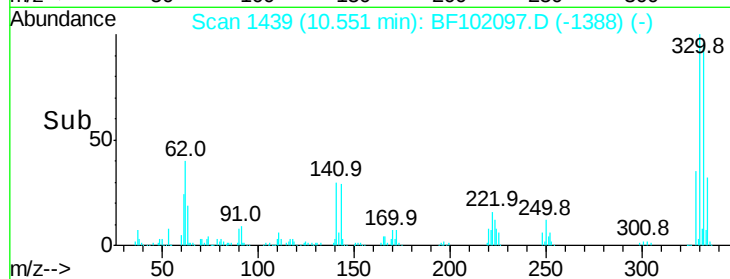
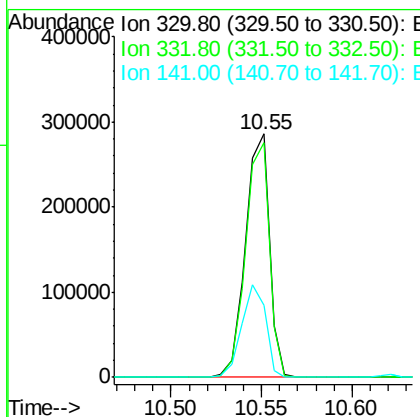
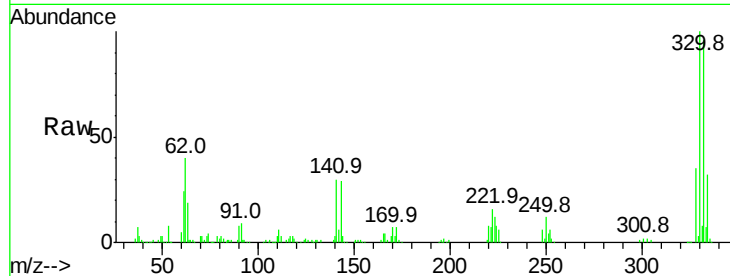




#41
 2,4,6-Tribromophenol
 Concen: 84.229 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

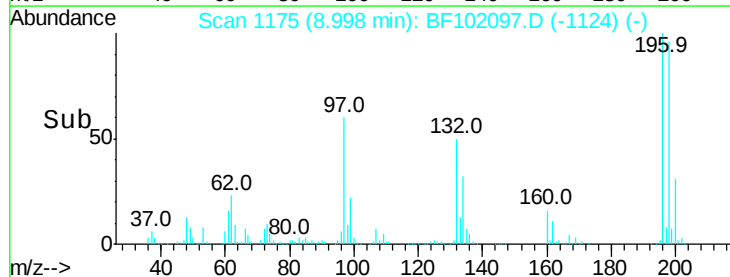
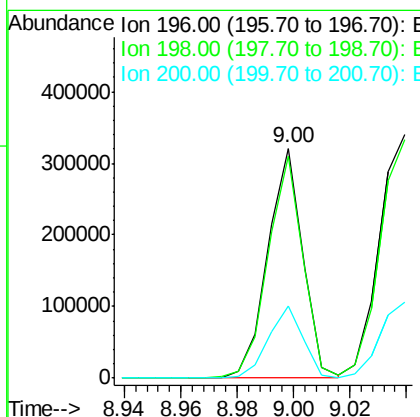
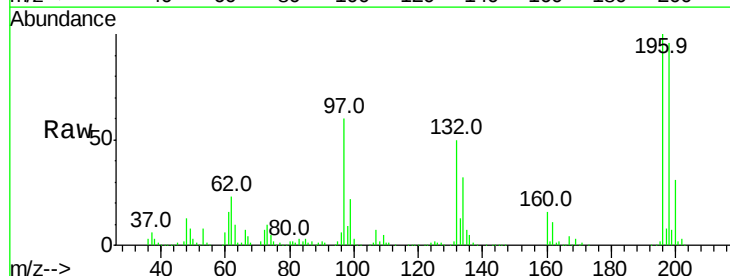
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

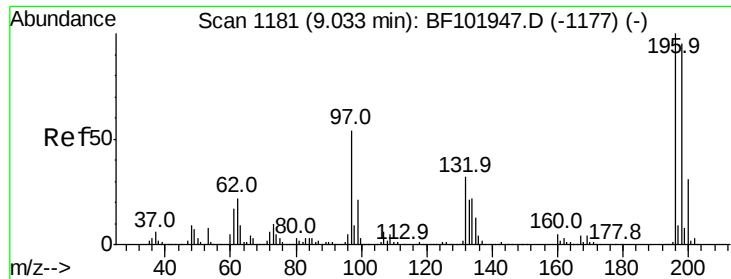
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.4	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 39.479 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.7	113.5
200	31.3	24.5	36.7

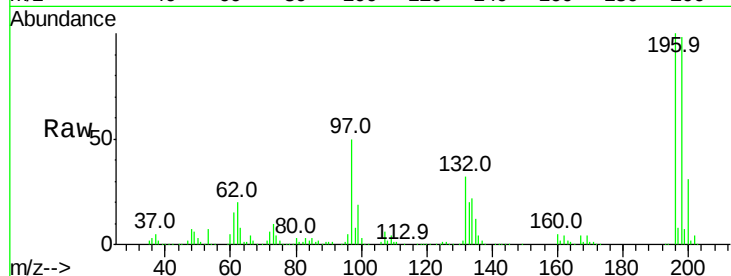




#43
 2,4,5-Trichlorophenol
 Concen: 39.616 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	74.6	112.0
97	49.7	42.9	64.3
132	31.8	26.3	39.5



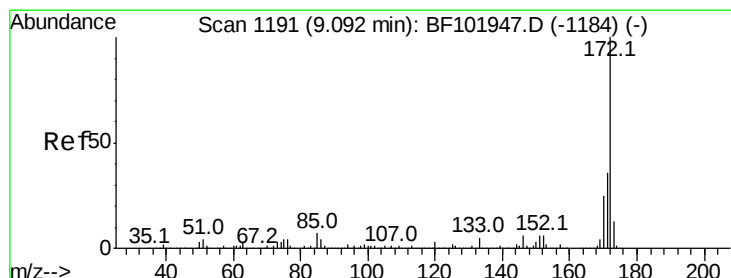
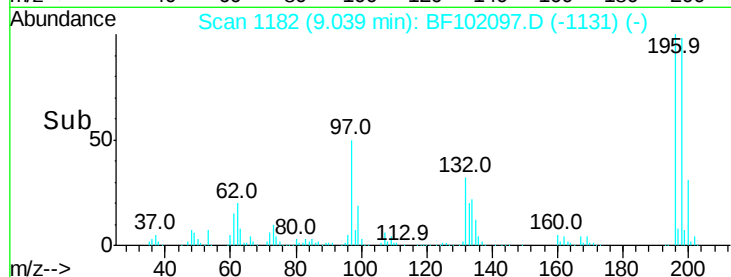
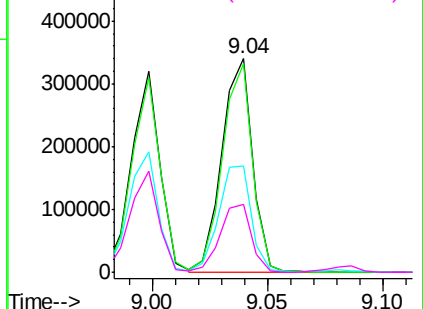
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

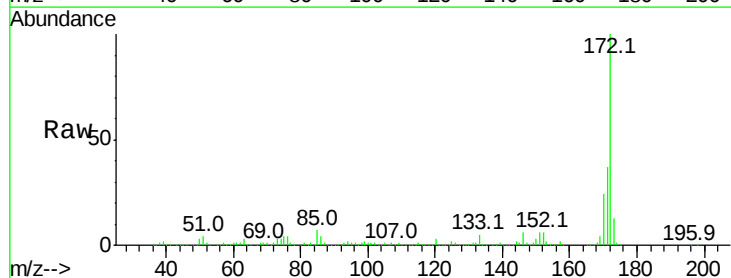
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.277 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4

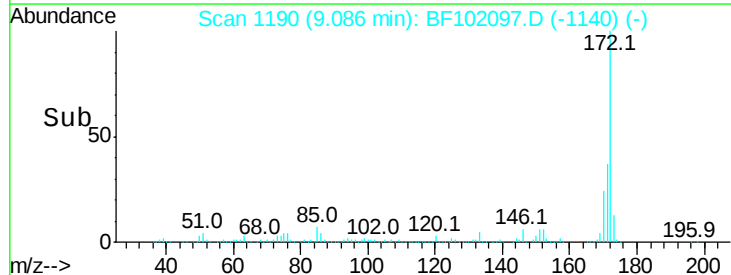
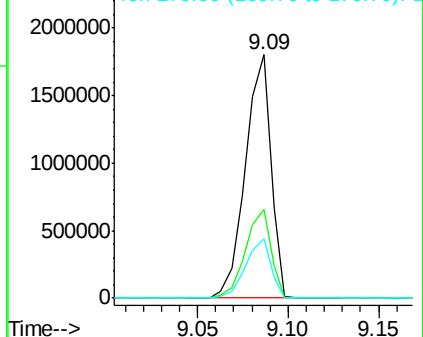


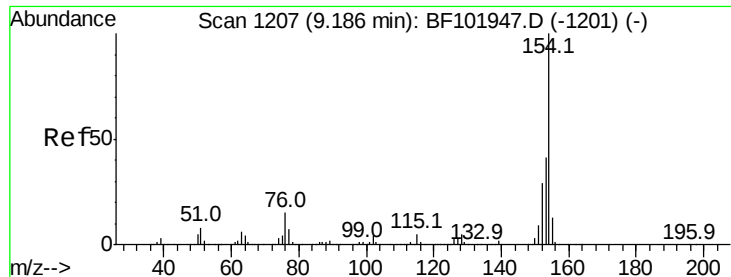
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.928 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

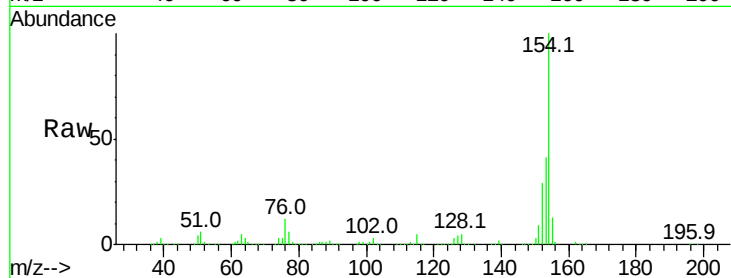
Tot Ion:154 Resp: 1166701

Ion Ratio Lower Upper

154 100

153 40.8 21.3 61.3

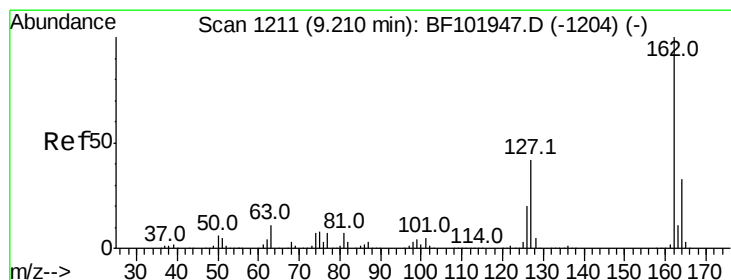
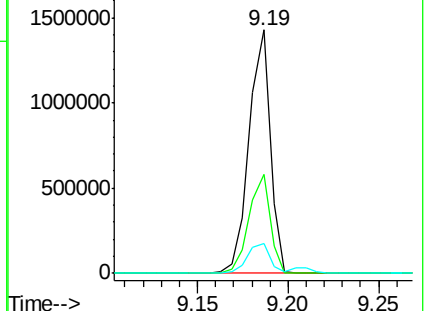
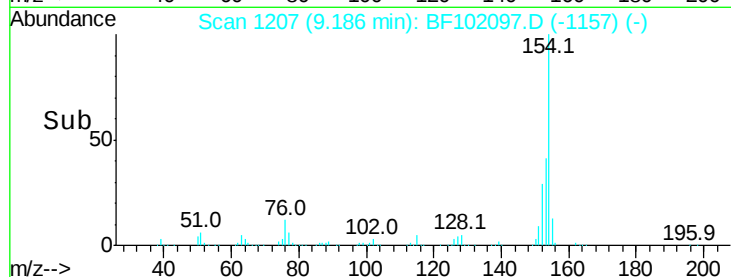
76 12.1 0.0 34.0



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): BF1



#46

2-Chloronaphthalene

Concen: 37.701 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

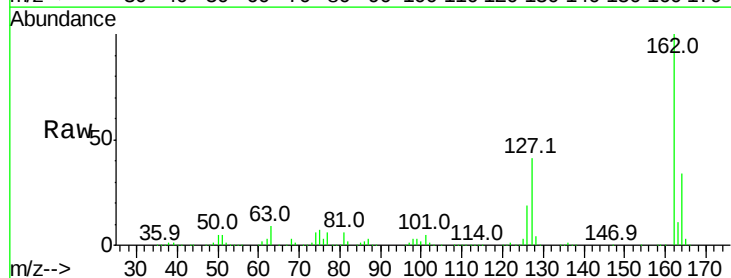
Tgt Ion:162 Resp: 923682

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

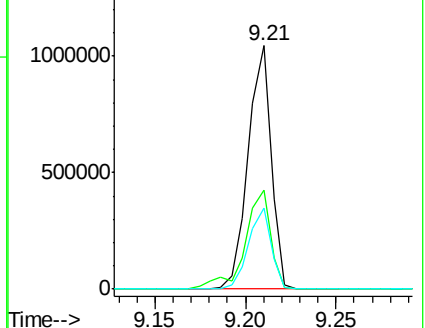
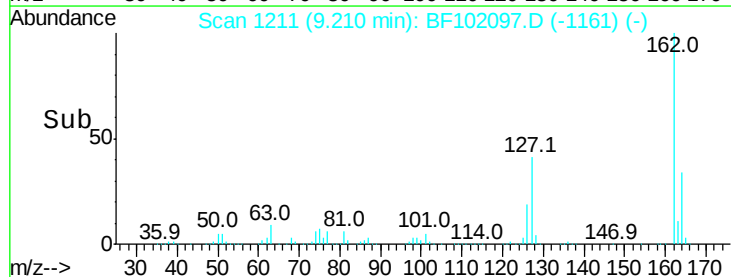
164 33.5 26.5 39.7

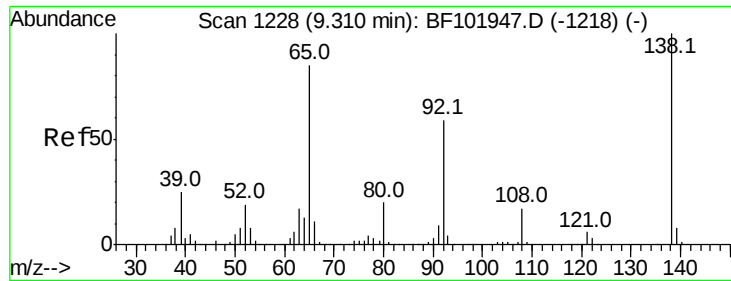


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

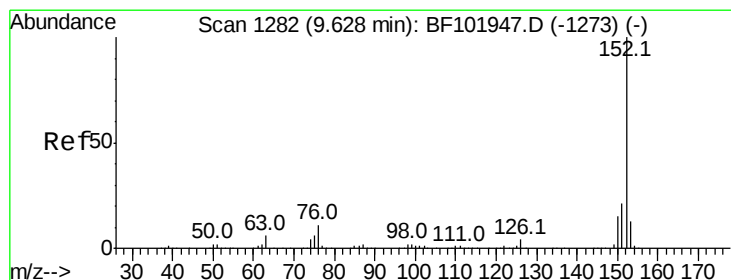
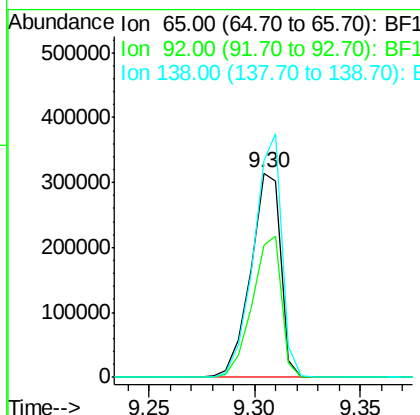
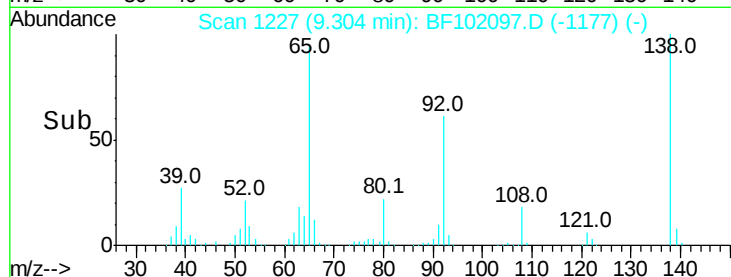
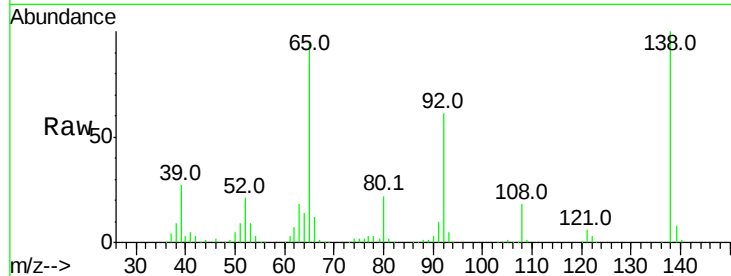




#47
2-Nitroaniline
Concen: 42.548 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

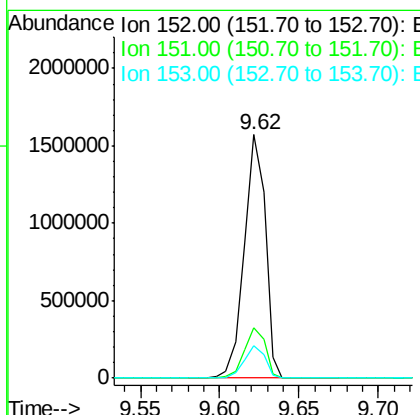
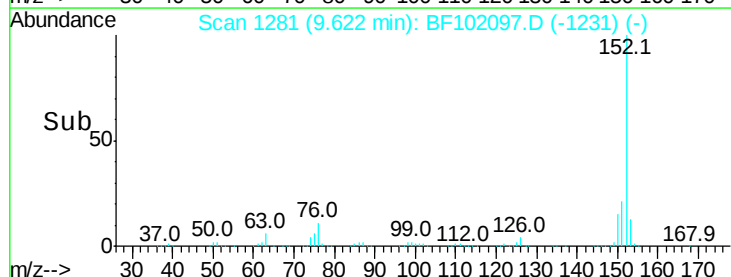
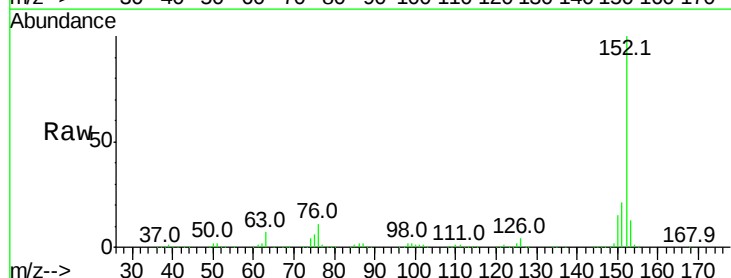
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

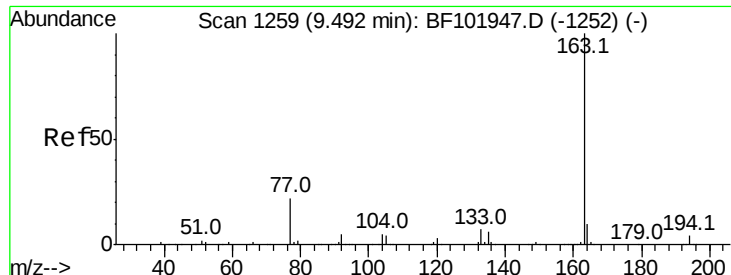
Tot Ion: 65 Resp: 312259
Ion Ratio Lower Upper
65 100
92 64.7 55.8 83.6
138 105.9 91.2 136.8



#48
Acenaphthylene
Concen: 37.110 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion: 152 Resp: 1442884
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 38.029 ng

RT: 9.49 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

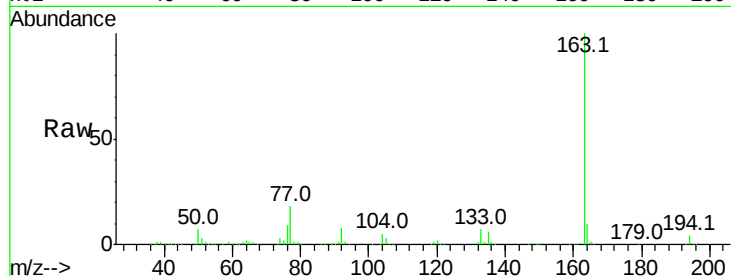
Tot Ion:163 Resp: 1090454

Ion Ratio Lower Upper

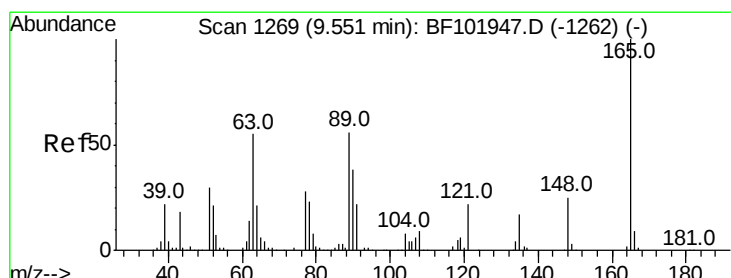
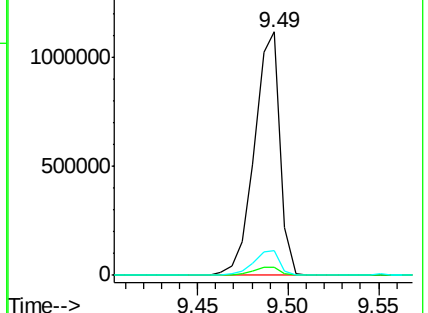
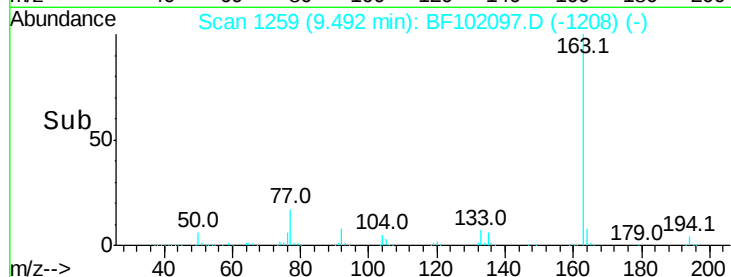
163 100

194 3.5 2.7 4.1

164 10.0 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 42.205 ng

RT: 9.55 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

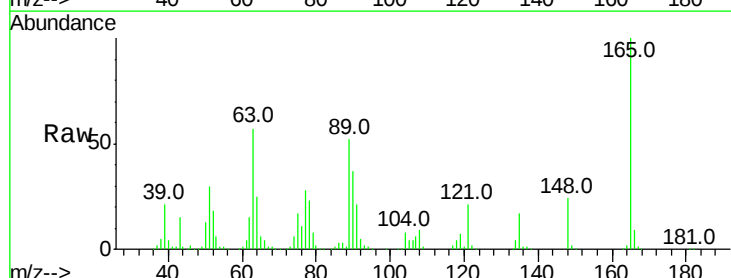
Tgt Ion:165 Resp: 241740

Ion Ratio Lower Upper

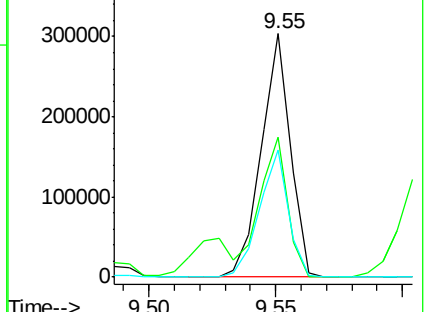
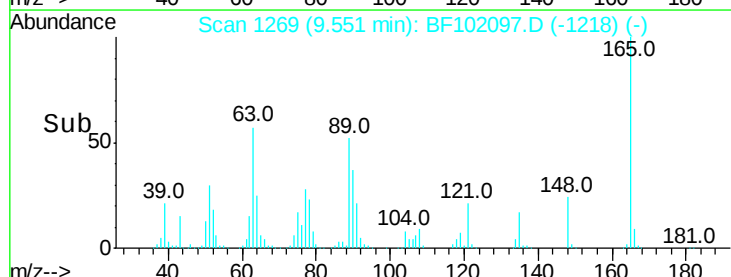
165 100

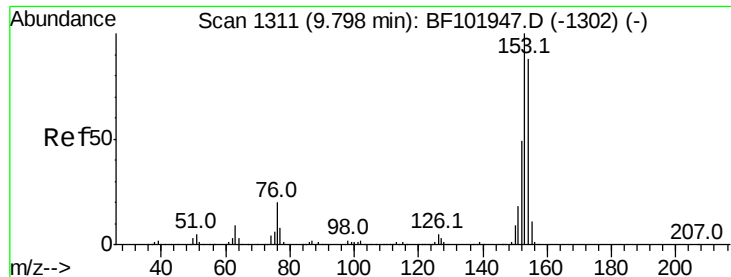
63 57.4 44.7 67.1

89 52.2 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 35.156 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

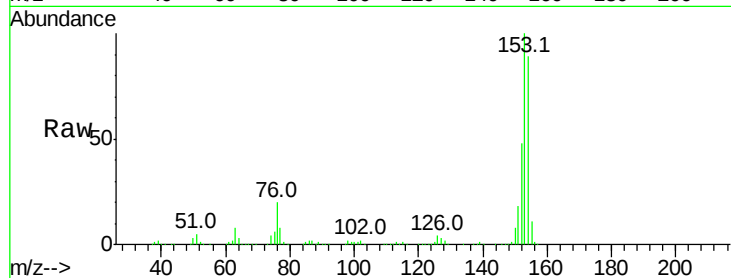
Tot Ion:154 Resp: 829648

Ion Ratio Lower Upper

154 100

153 112.2 91.2 136.8

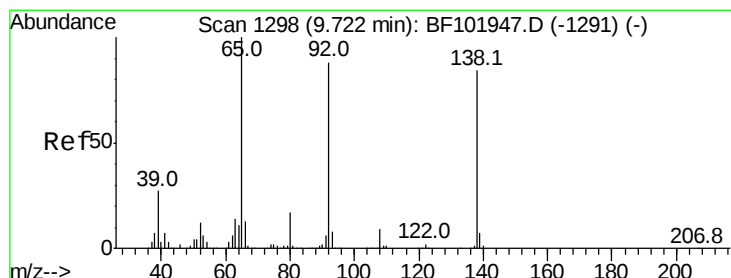
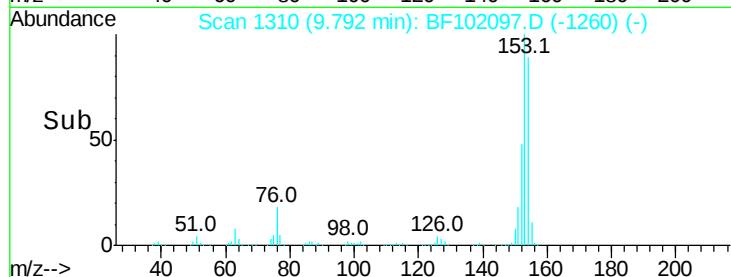
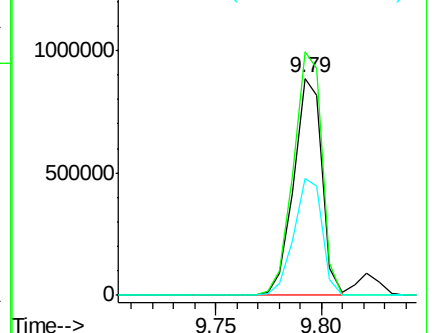
152 53.9 43.8 65.8



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: 40.994 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

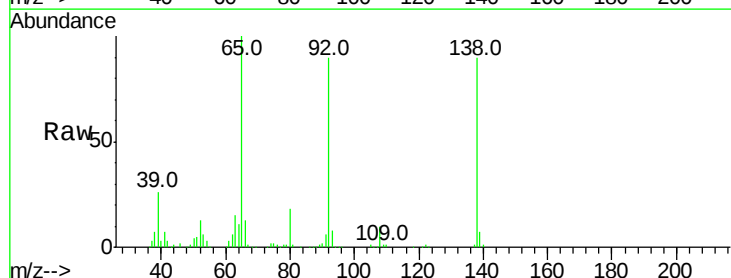
Tgt Ion:138 Resp: 296338

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

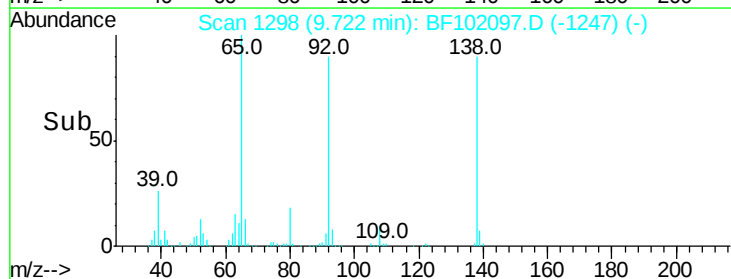
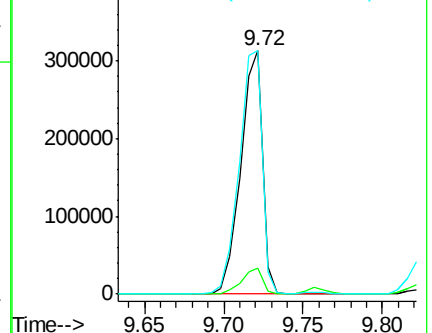
92 99.9 89.4 134.2

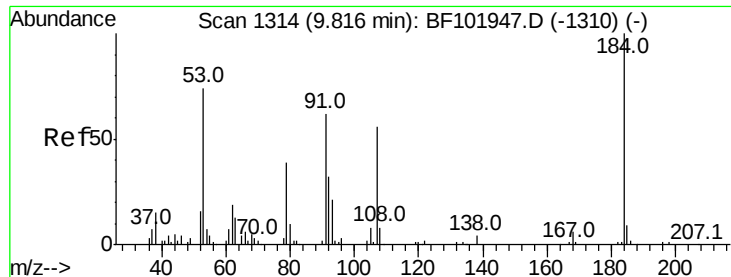


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 57.631 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

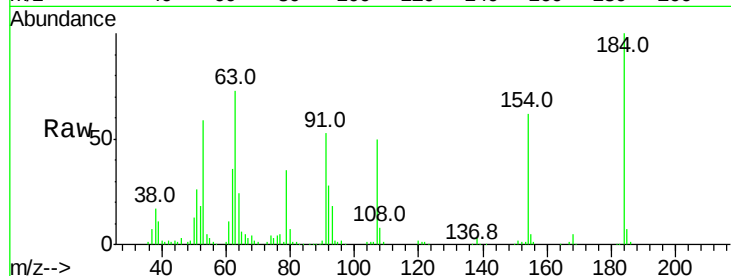
Tot Ion:184 Resp: 120206

Ion Ratio Lower Upper

184 100

63 72.9 54.2 81.2

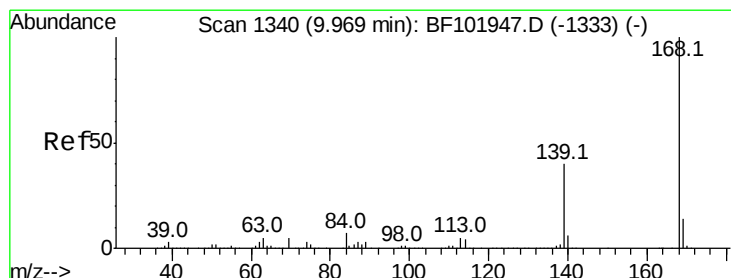
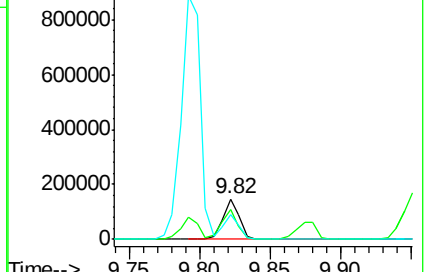
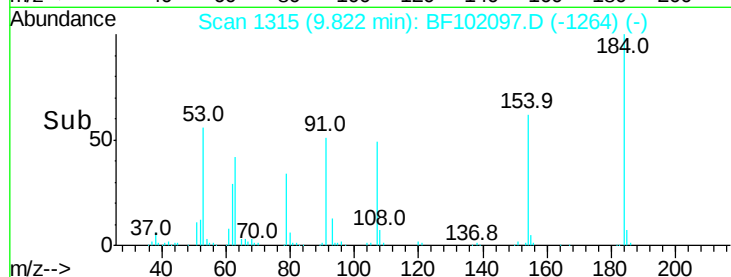
154 62.3 184.0 276.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 36.653 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

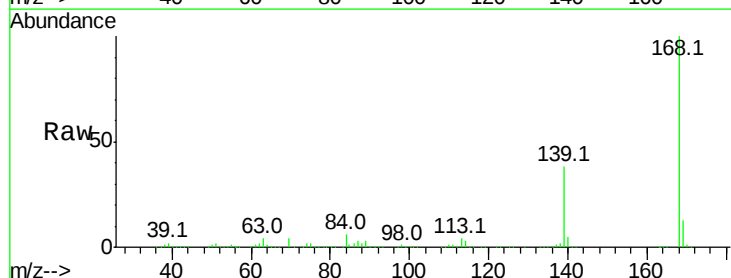
Tgt Ion:168 Resp: 1187147

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

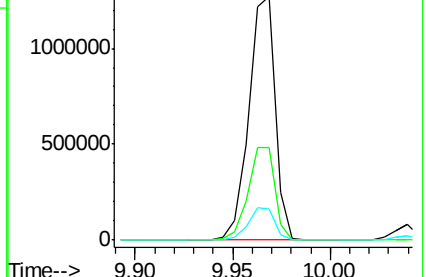
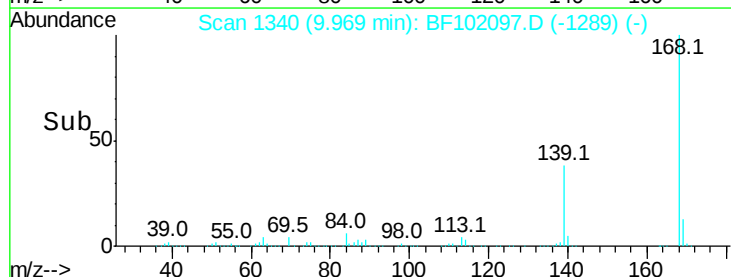
169 13.0 10.9 16.3

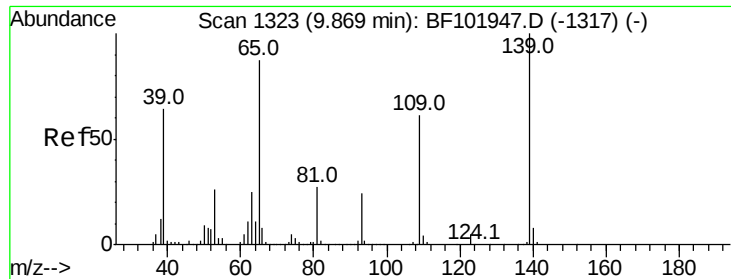


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 41.269 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

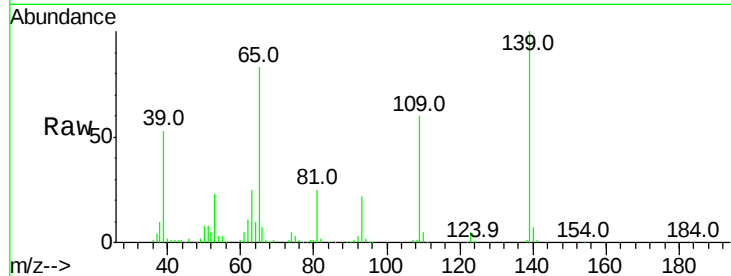
Tot Ion:139 Resp: 222322

Ion Ratio Lower Upper

139 100

109 60.0 48.4 88.4

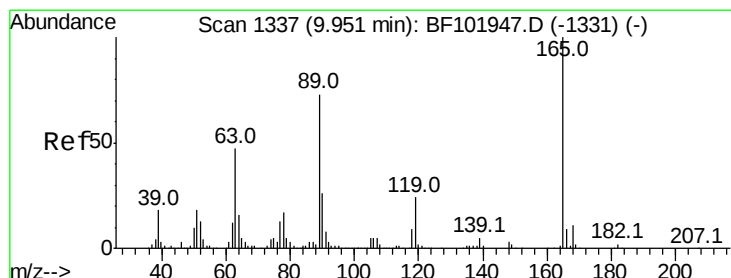
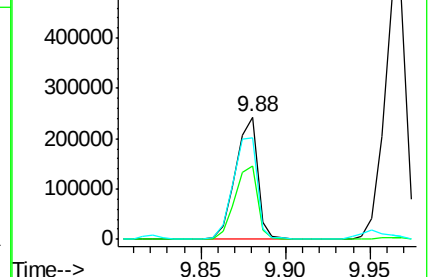
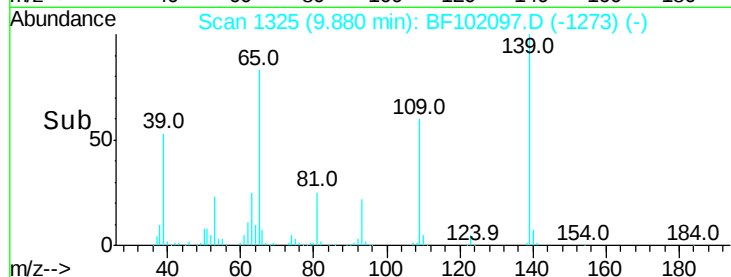
65 82.9 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 43.545 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Tgt Ion:165 Resp: 312610

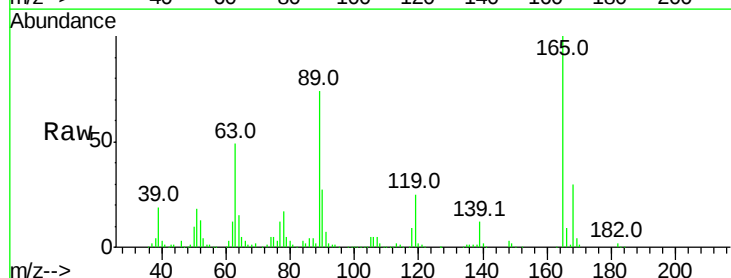
Ion Ratio Lower Upper

165 100

63 48.8 36.4 54.6

89 73.9 57.8 86.6

182 2.0 1.6 2.4

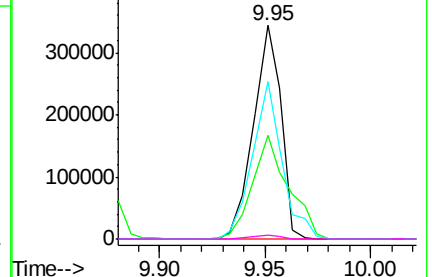
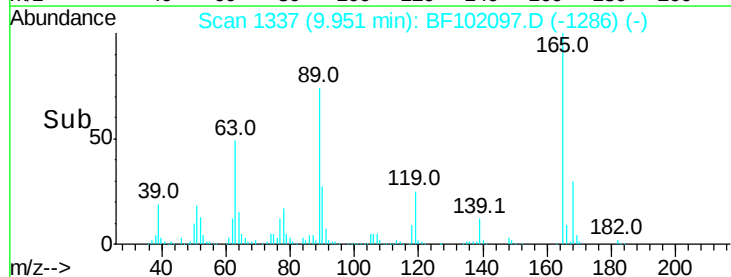


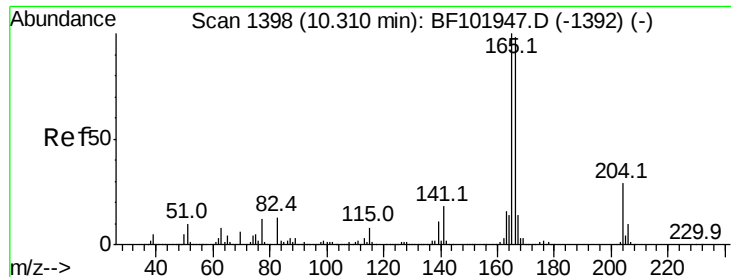
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

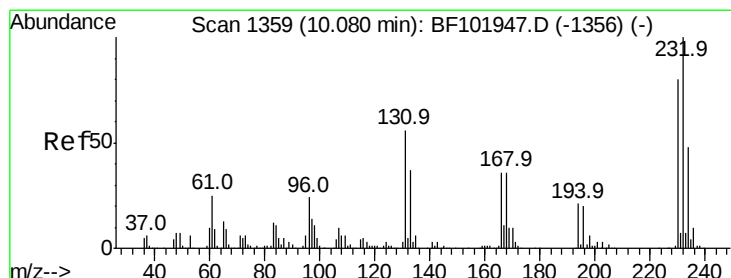
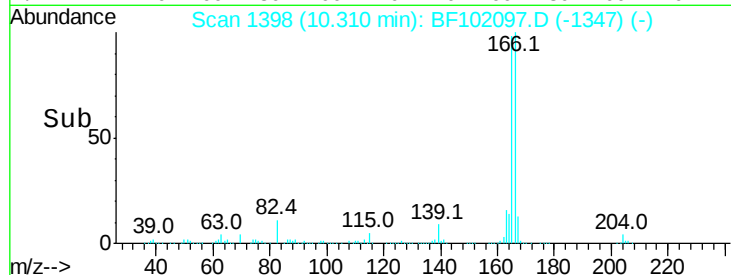
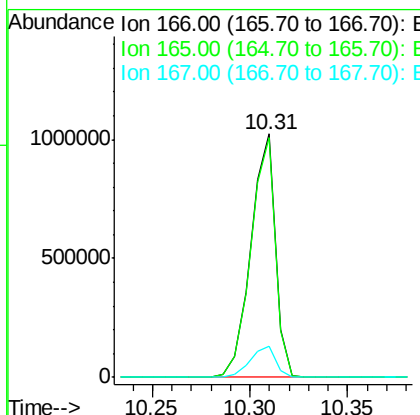
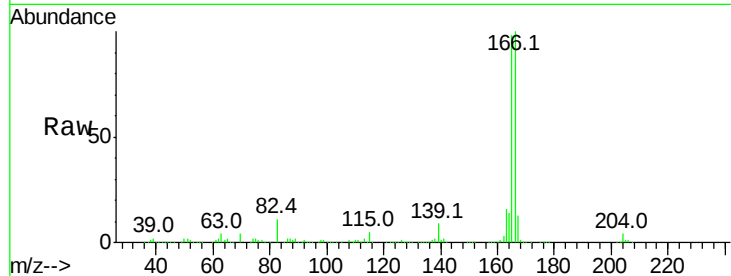




#57
Fluorene
 Concen: 39.705 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

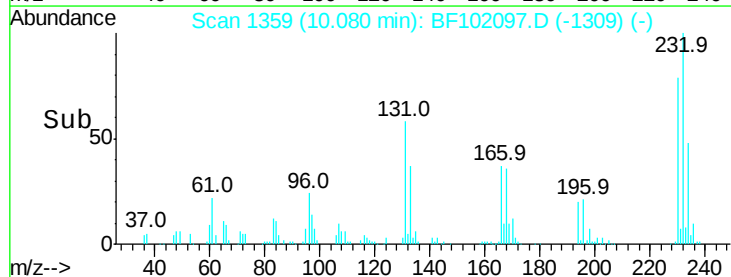
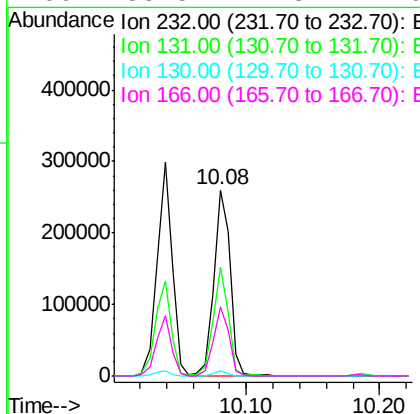
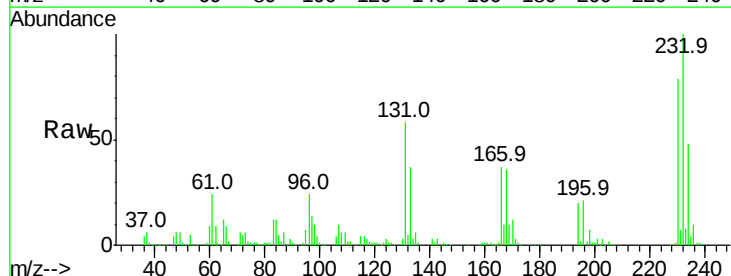
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

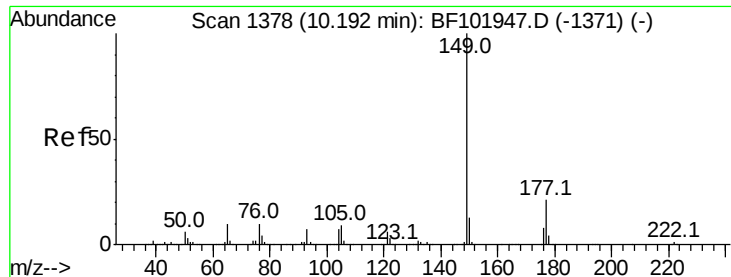
Tot Ion:166 Resp: 888993
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.0 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.880 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion:232 Resp: 223620
 Ion Ratio Lower Upper
 232 100
 131 54.6 43.8 65.8
 130 2.5 2.1 3.1
 166 35.5 27.8 41.6

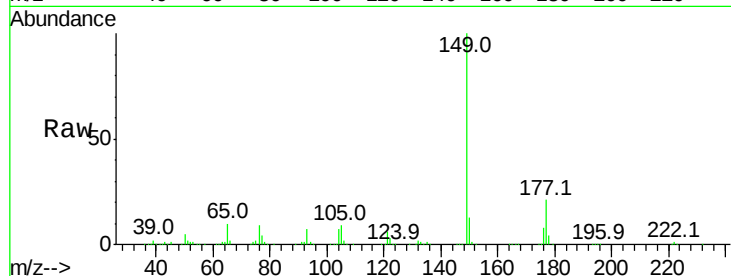




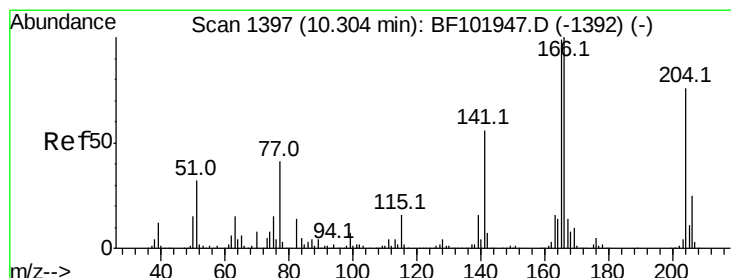
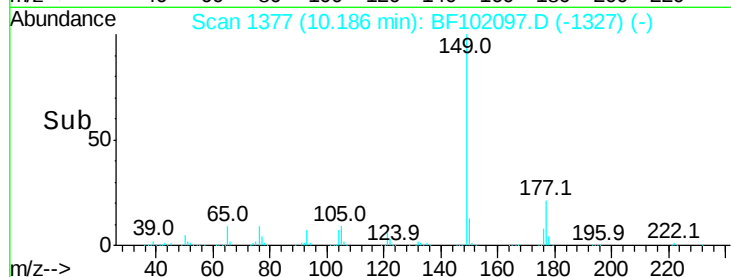
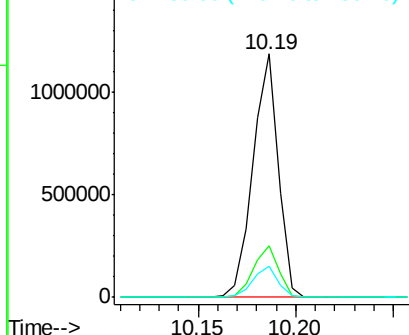
#59
Diethylphthalate
Concen: 37.314 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 1064309
Ion Ratio Lower Upper
149 100
177 21.4 16.1 24.1
150 12.6 10.1 15.1

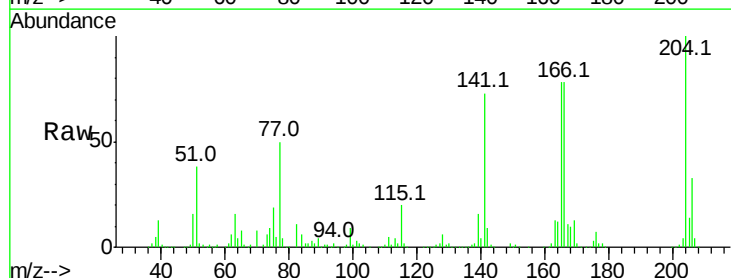


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

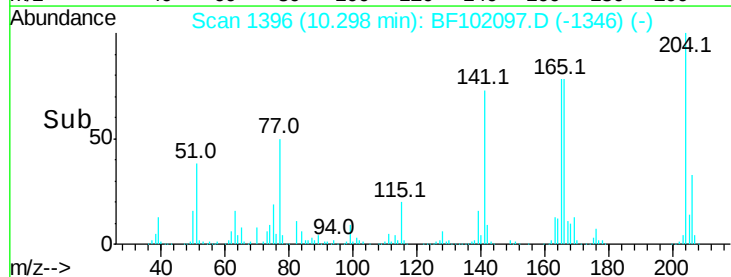
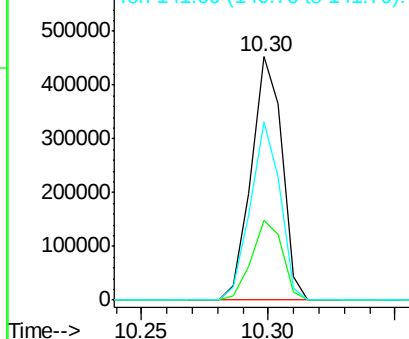


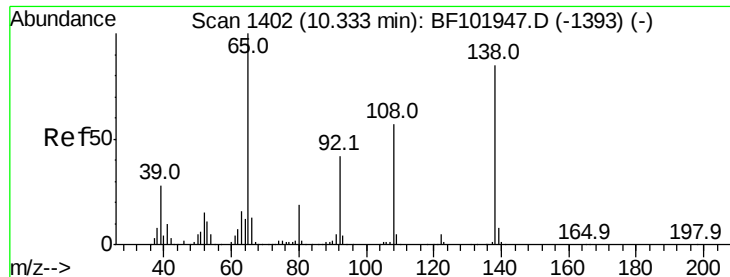
#60
4-Chlorophenyl-phenylether
Concen: 40.382 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:204 Resp: 384997
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 73.1 54.6 81.8



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

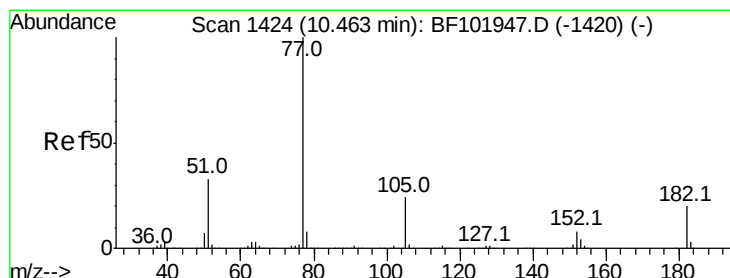
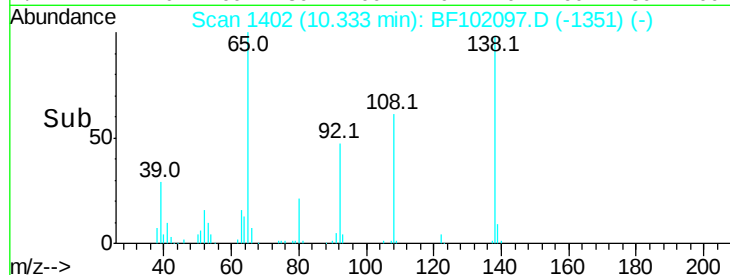
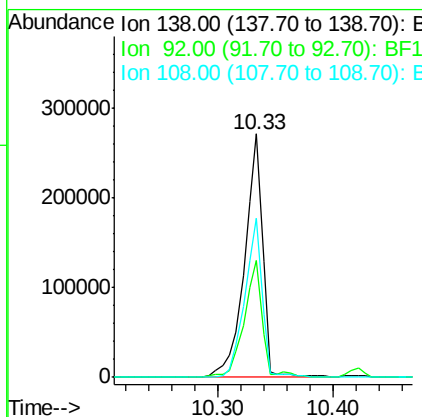
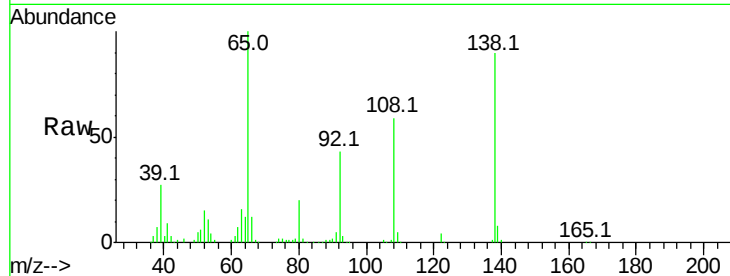




#61
4-Nitroaniline
Concen: 42.956 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

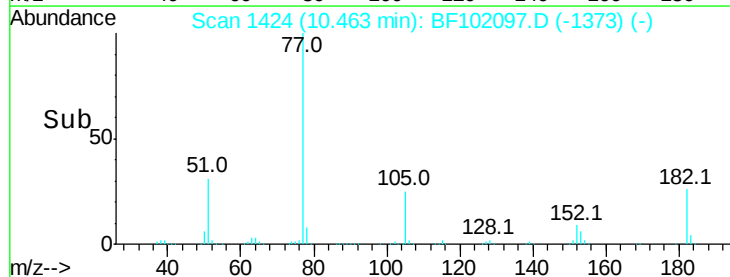
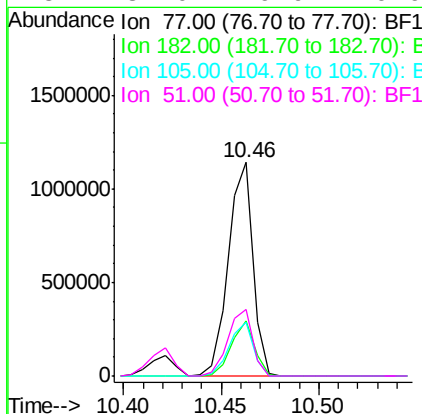
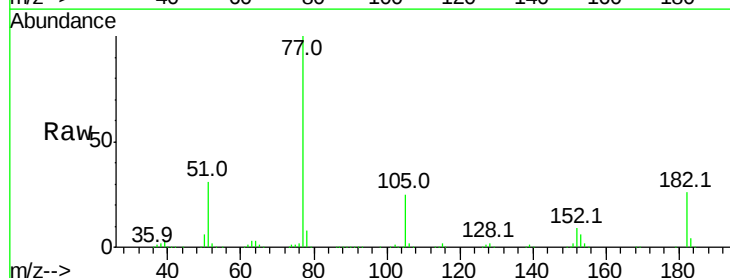
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

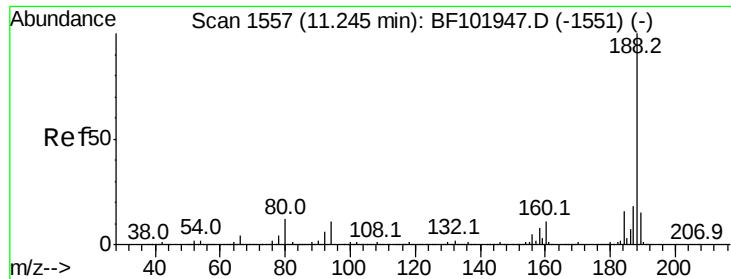
Tot Ion:138 Resp: 294696
Ion Ratio Lower Upper
138 100
92 47.8 30.2 70.2
108 65.3 52.5 92.5



#62
Azobenzene
Concen: 35.055 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion: 77 Resp: 994816
Ion Ratio Lower Upper
77 100
182 25.8 1.7 41.7
105 25.0 3.0 43.0
51 31.0 9.9 49.9

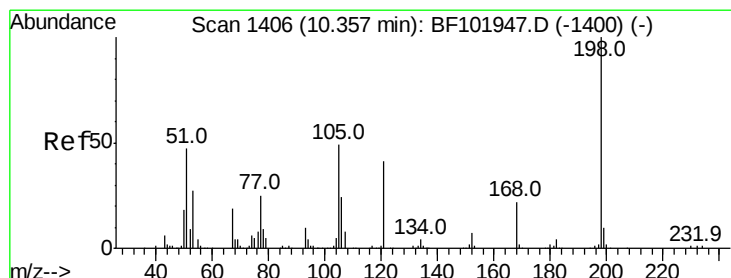
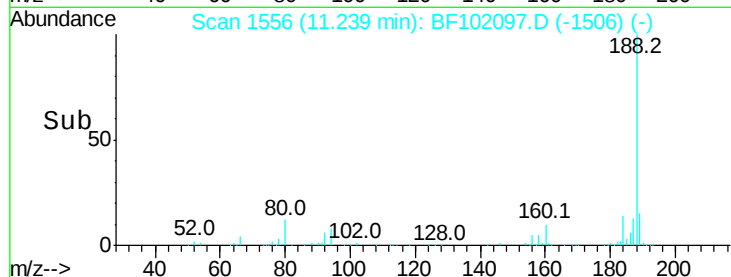
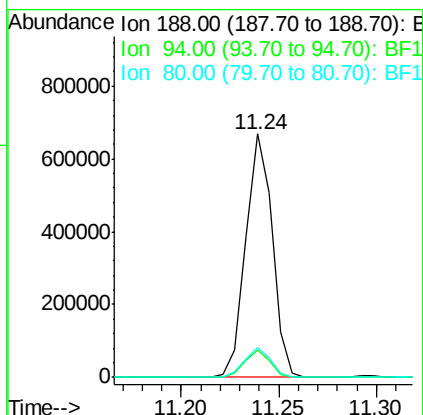
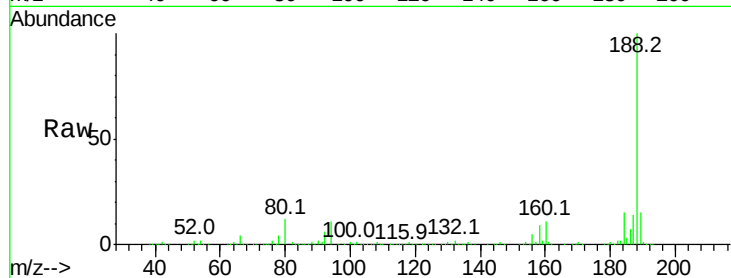




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

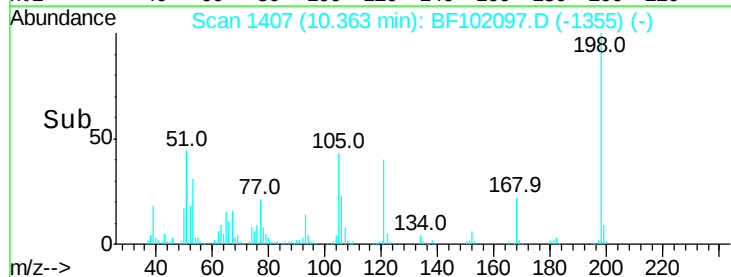
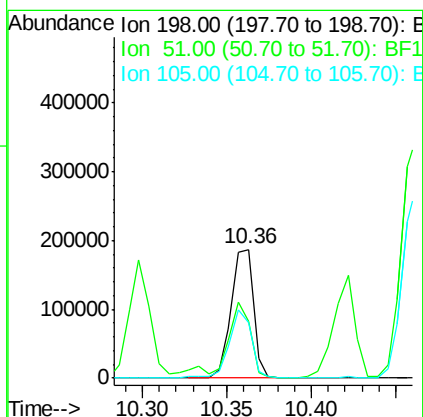
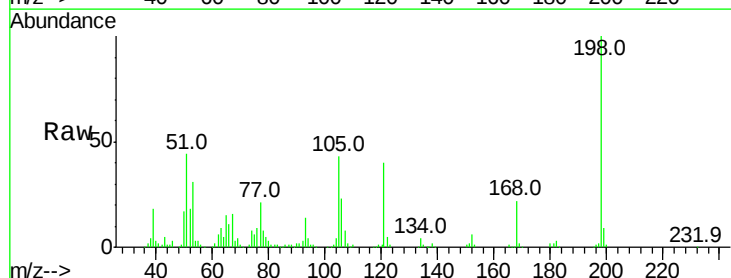
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

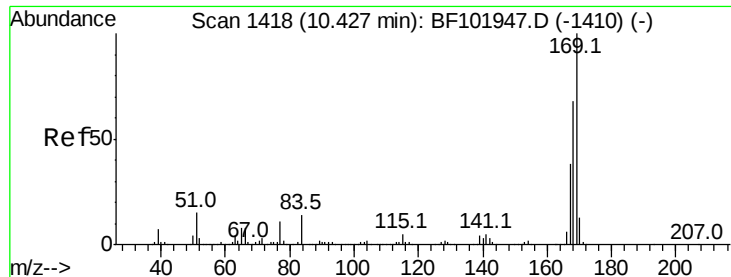
Tot Ion:188 Resp: 629353
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 12.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 50.456 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:198 Resp: 173583
Ion Ratio Lower Upper
198 100
51 44.1 37.7 77.7
105 43.2 36.3 76.3

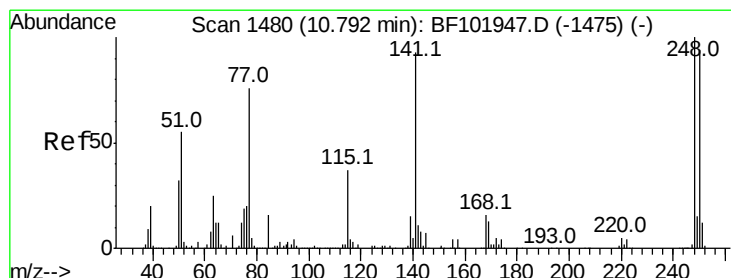
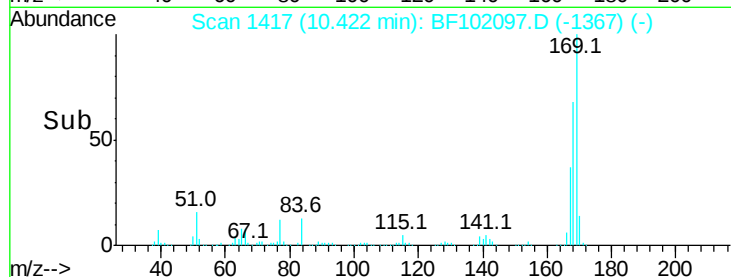
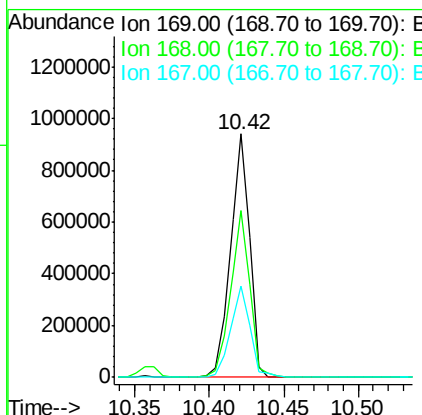
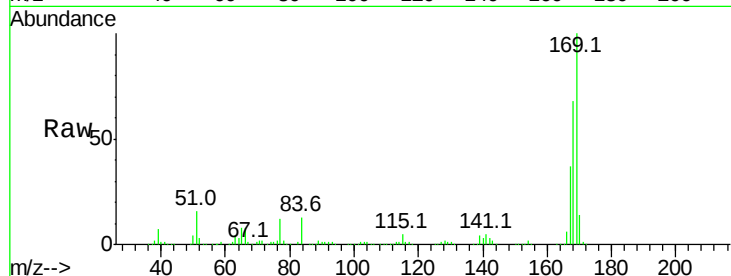




#65
 n-Nitrosodiphenylamine
 Concen: 36.183 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

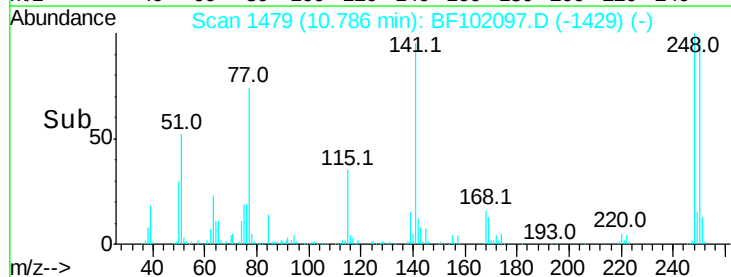
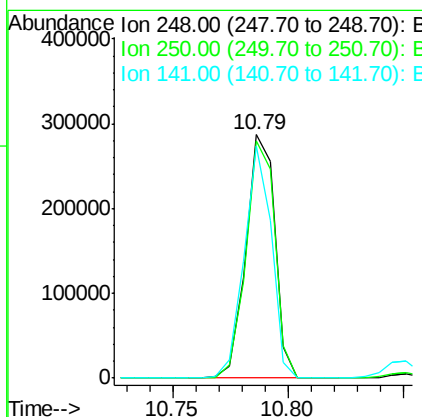
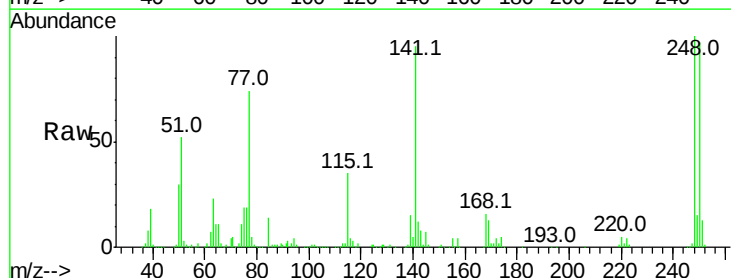
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

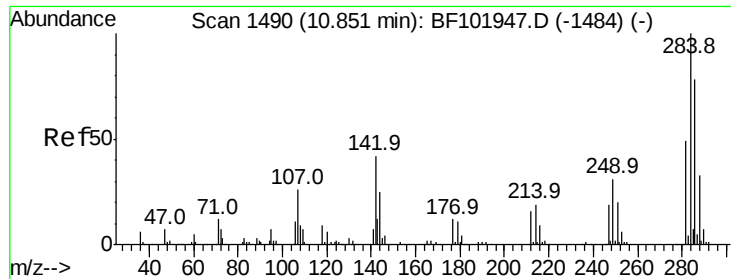
Tot Ion:169 Resp: 852717
 Ion Ratio Lower Upper
 169 100
 168 68.5 54.4 81.6
 167 37.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 37.894 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion:248 Resp: 251852
 Ion Ratio Lower Upper
 248 100
 250 97.4 76.9 115.3
 141 95.3 74.4 111.6

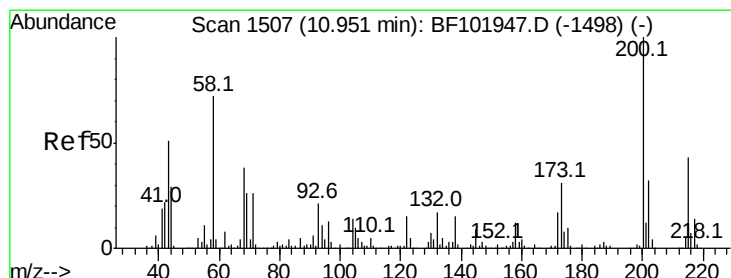
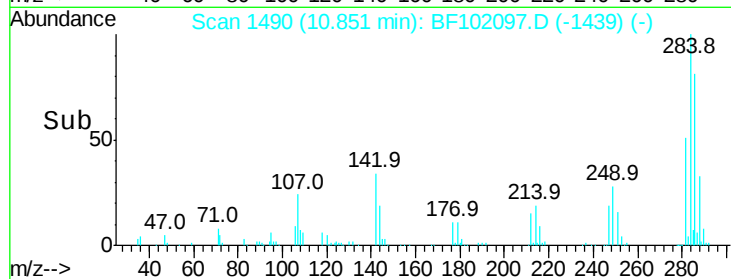
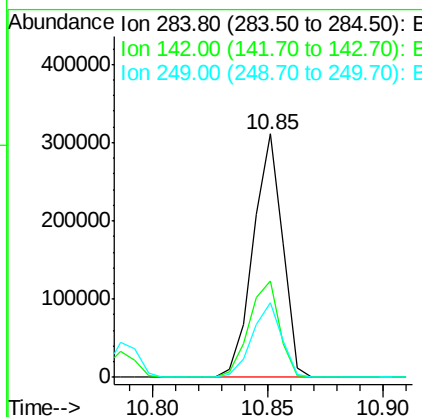
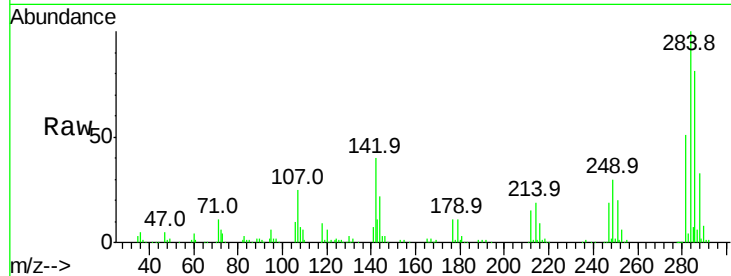




#67
Hexachlorobenzene
Concen: 38.065 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

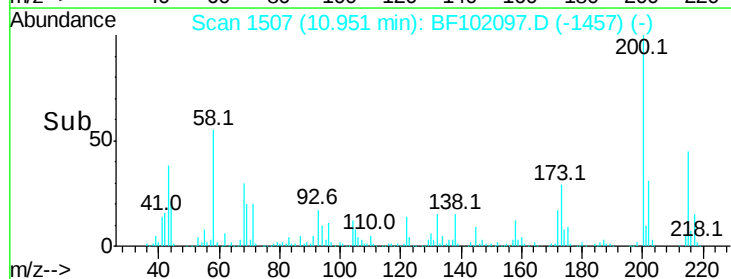
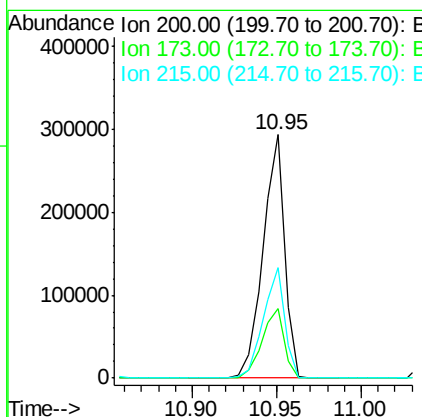
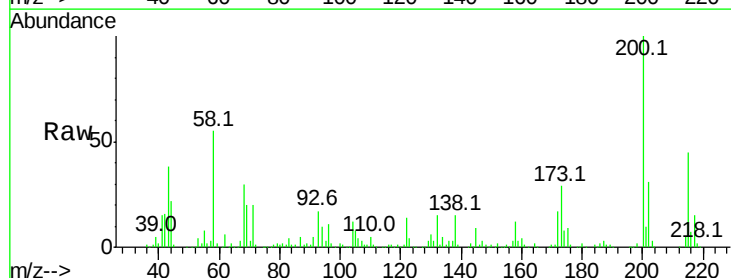
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

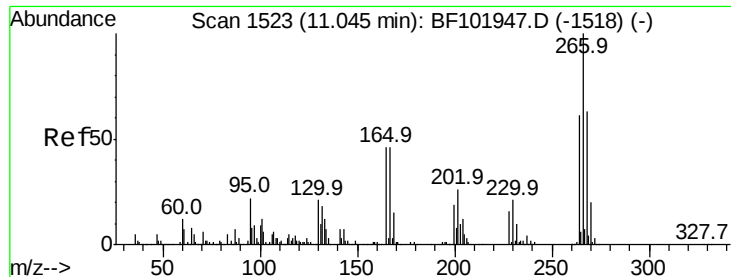
Tot Ion	Ratio	Lower	Upper
284	100		
142	39.7	34.6	52.0
249	30.4	24.8	37.2



#68
Atrazine
Concen: 38.125 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.6	48.6
215	45.4	25.1	65.1

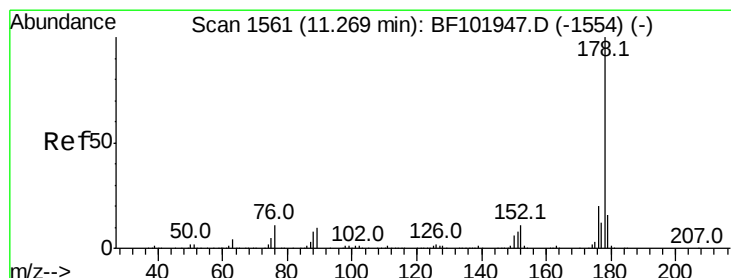
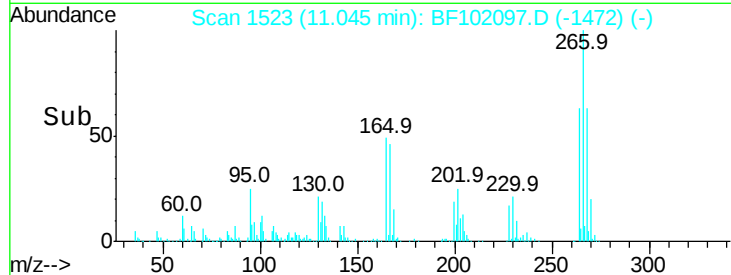
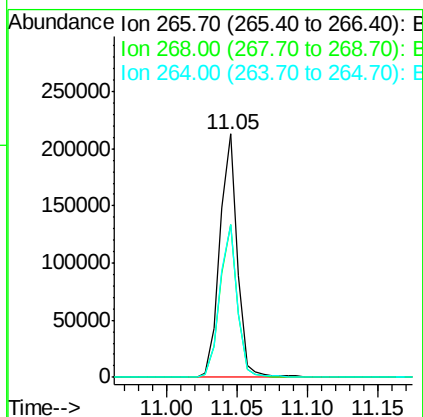
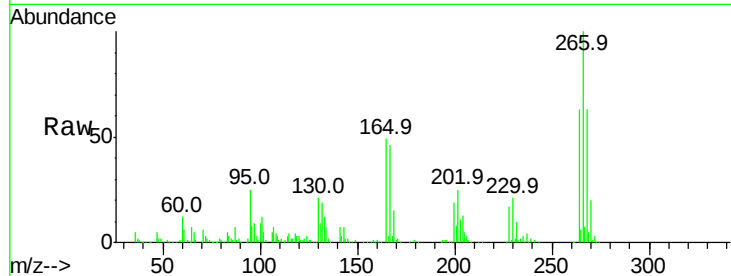




#69
 Pentachlorophenol
 Concen: 41.711 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

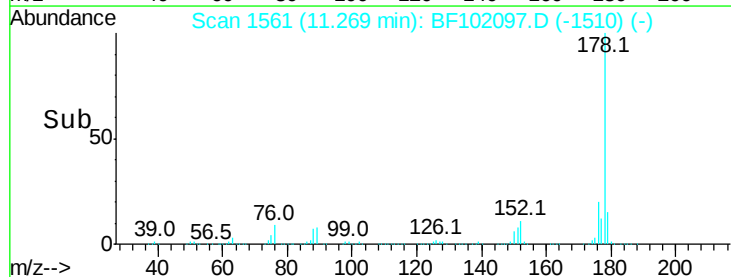
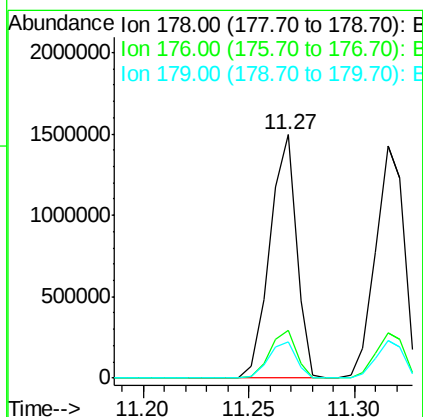
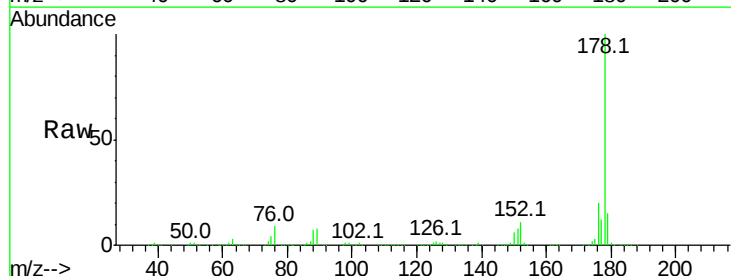
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

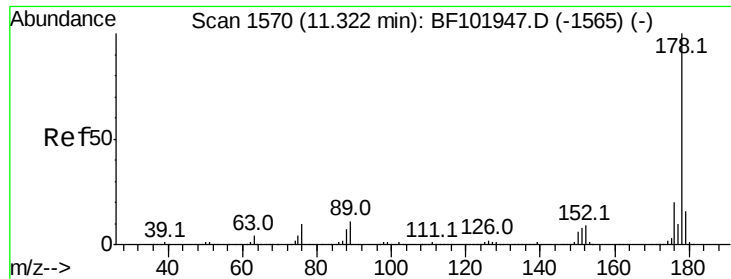
Tot Ion:266 Resp: 184547
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 62.7 49.5 74.3



#70
 Phenanthrene
 Concen: 35.848 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. 0.00 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion:178 Resp: 1317848
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.8 23.8
 179 15.1 13.0 19.6





#71

Anthracene

Concen: 36.188 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

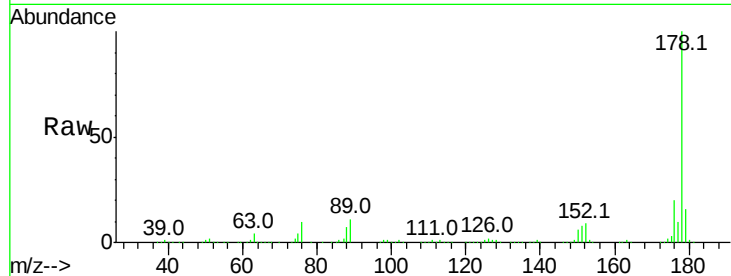
Tot Ion:178 Resp: 1349253

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

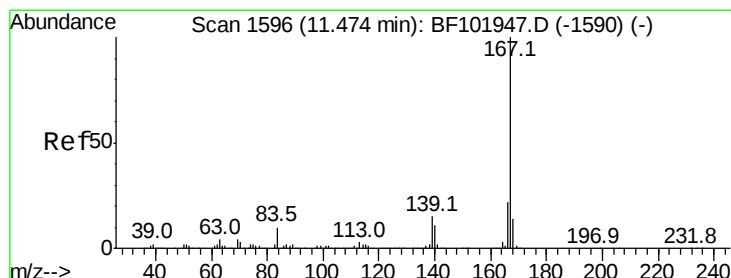
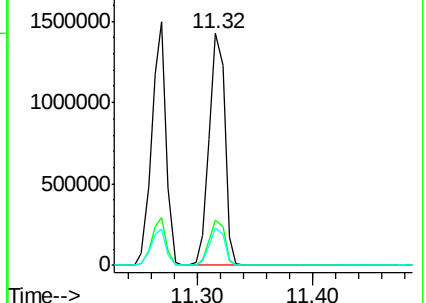
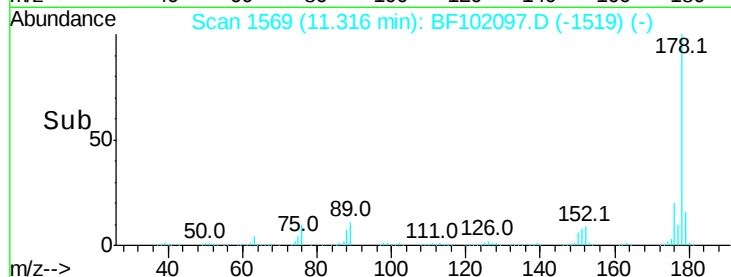
179 16.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.303 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

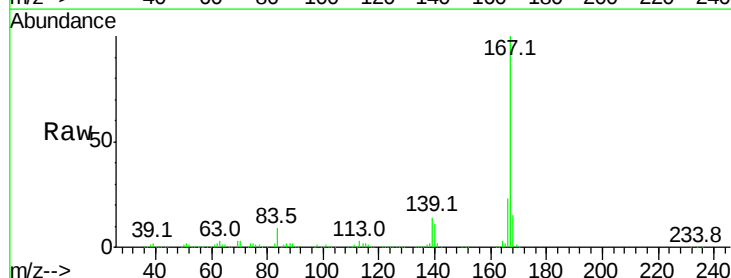
Tgt Ion:167 Resp: 1330383

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

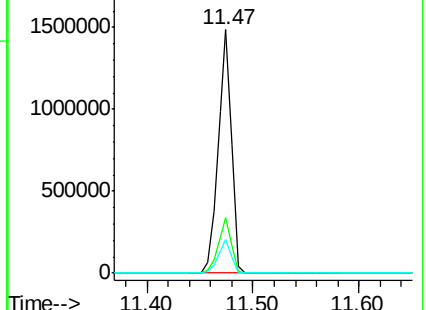
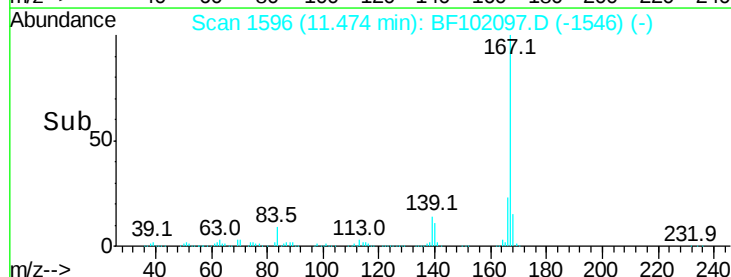
139 14.0 10.9 16.3

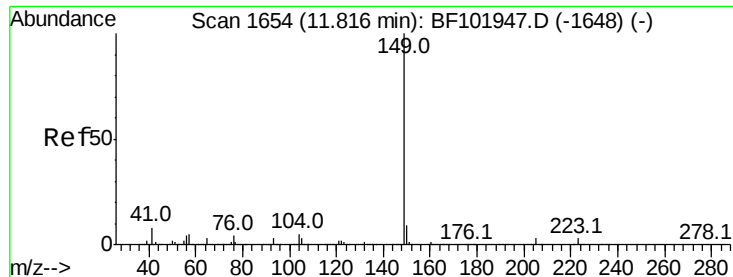


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.381 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

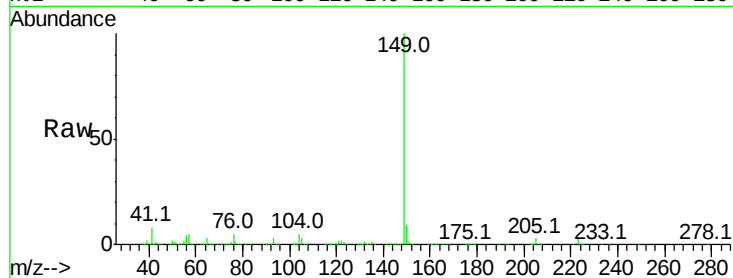
Tot Ion:149 Resp: 1635709

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

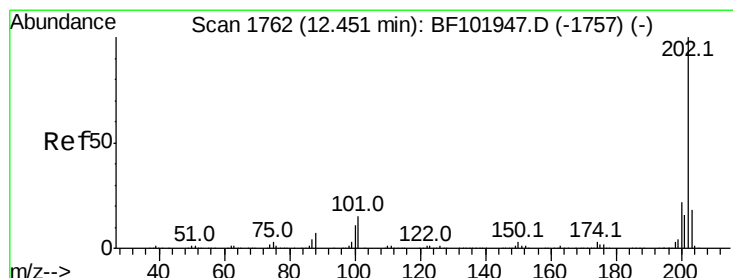
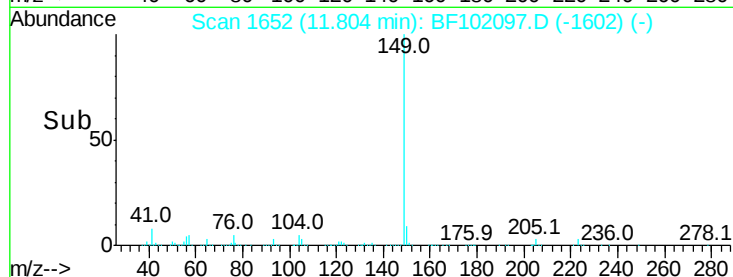
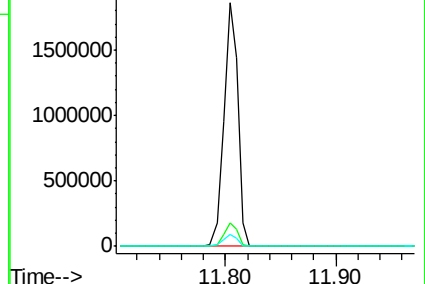
104 5.0 3.8 5.8



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: 36.746 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

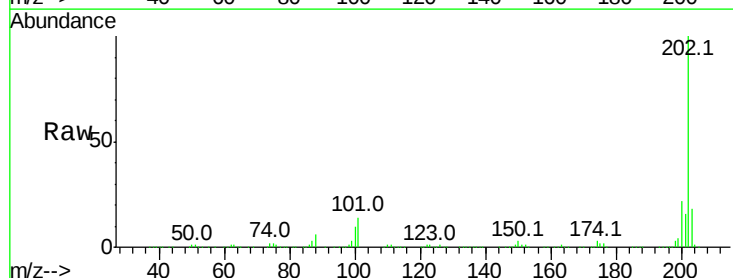
Tgt Ion:202 Resp: 1329077

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

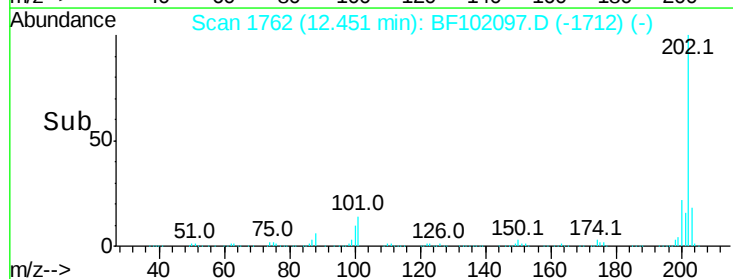
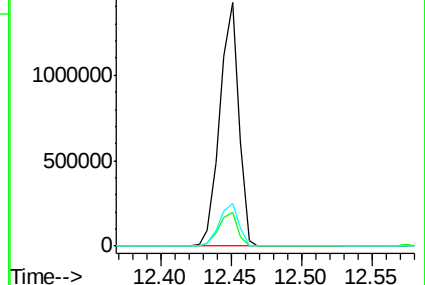
203 17.6 0.0 38.1

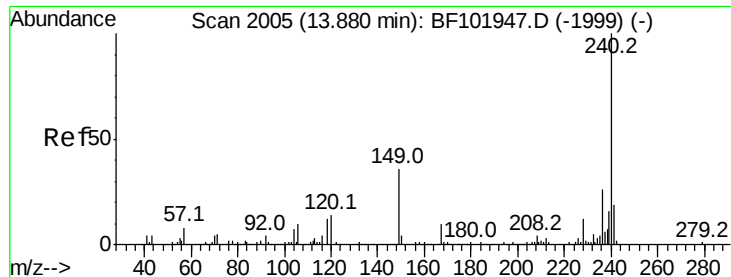


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

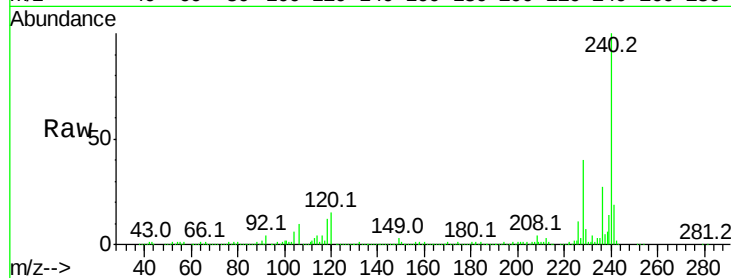
Tot Ion:240 Resp: 461261

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

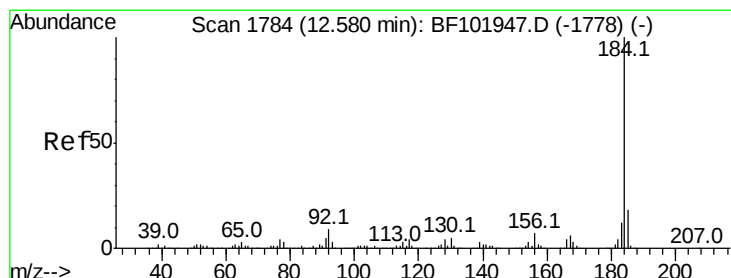
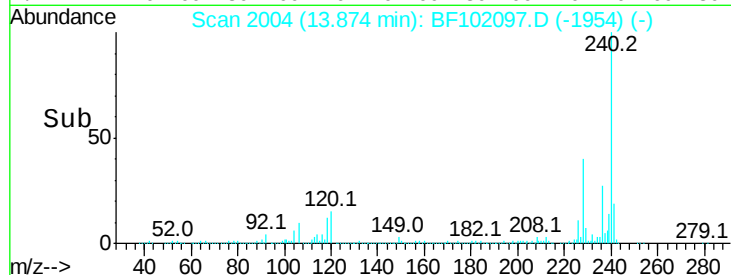
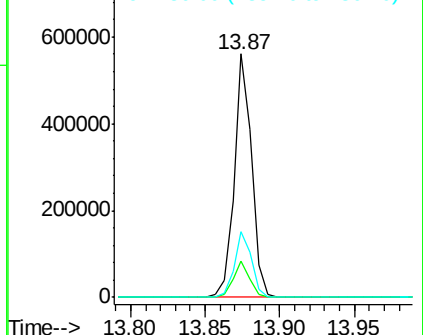
236 27.0 20.7 31.1



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: 30.076 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

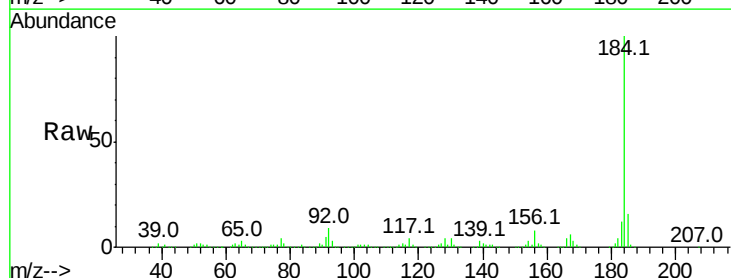
Tgt Ion:184 Resp: 669904

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

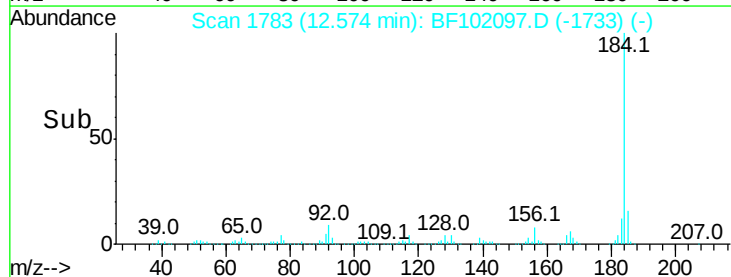
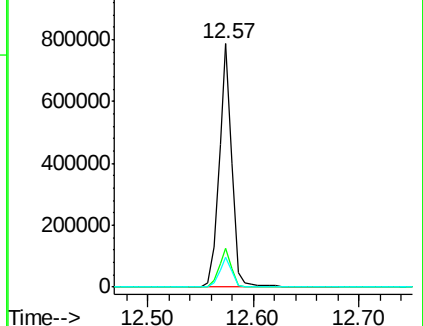
183 12.0 9.3 13.9

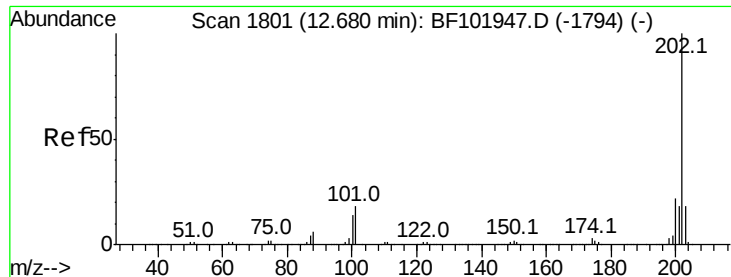


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

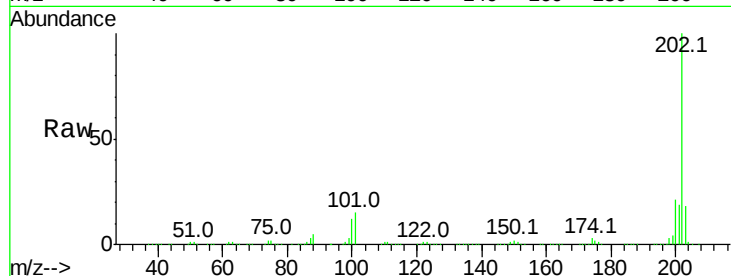




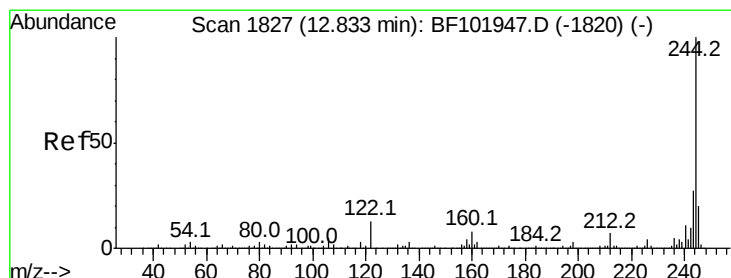
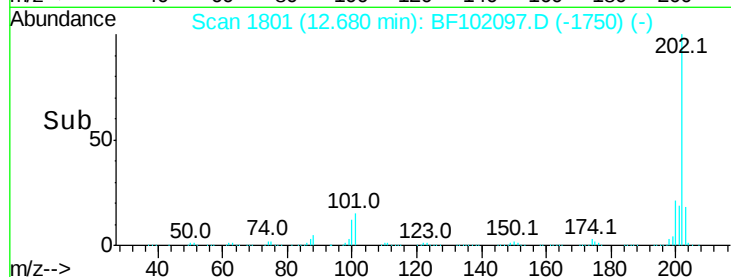
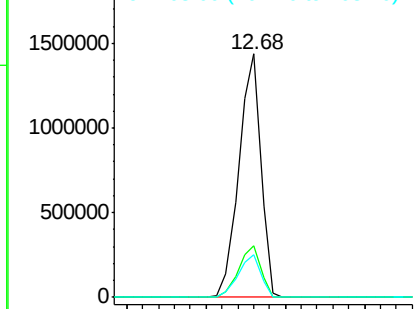
#77
Pvrene
Concen: 33.798 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1378046
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.6 14.3 21.5

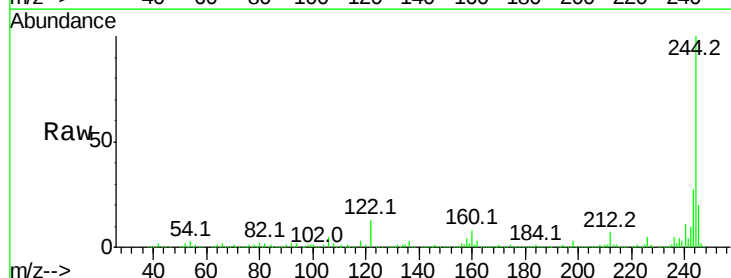


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

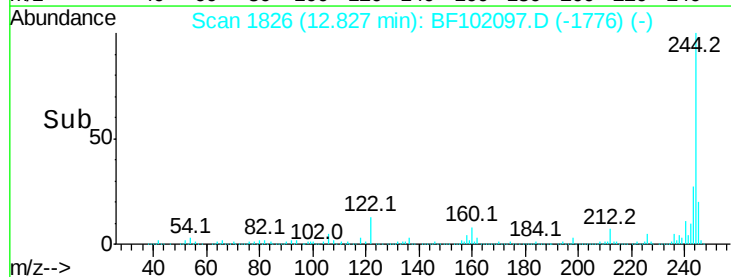
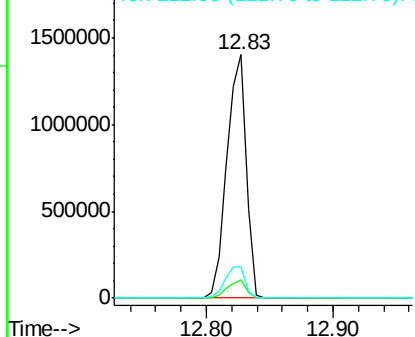


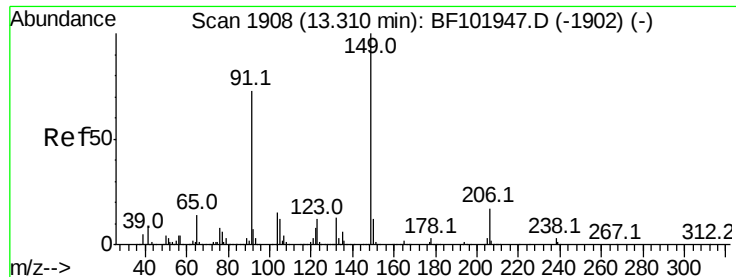
#78
Terphenyl-d14
Concen: 66.247 ng
RT: 12.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:244 Resp: 1471740
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 12.6 11.0 16.4



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

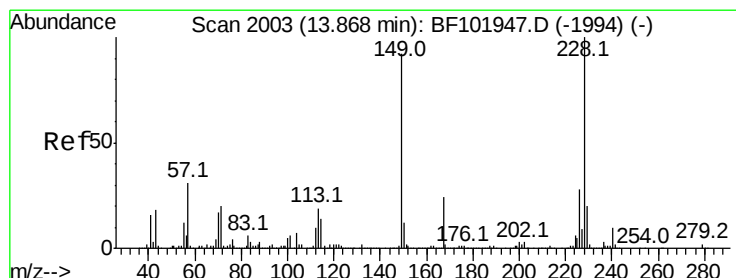
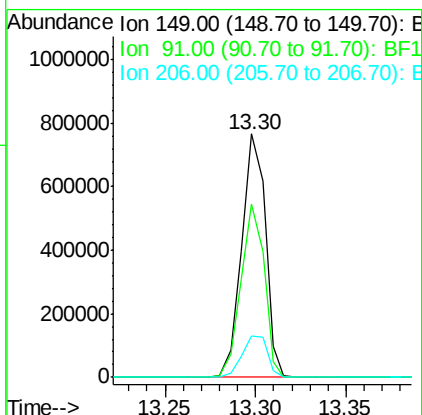
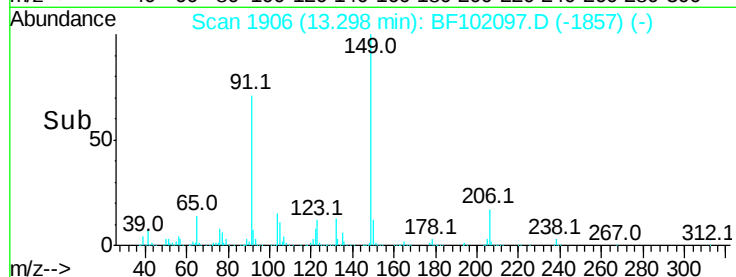
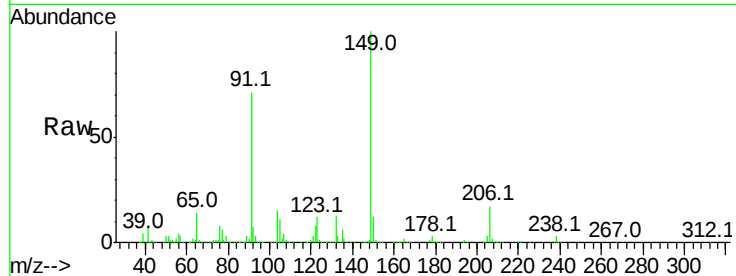




#79
Butylbenzylphthalate
Concen: 37.280 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

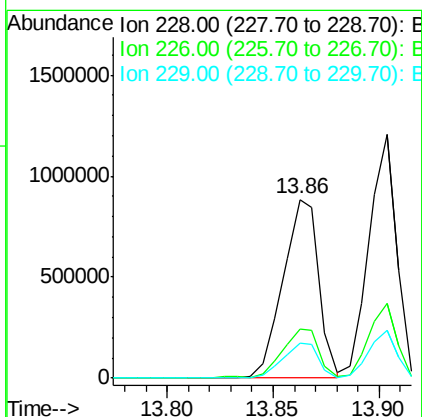
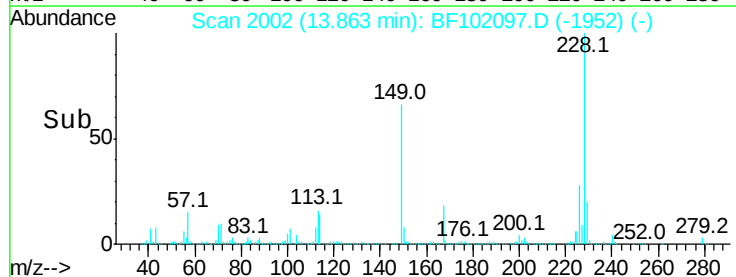
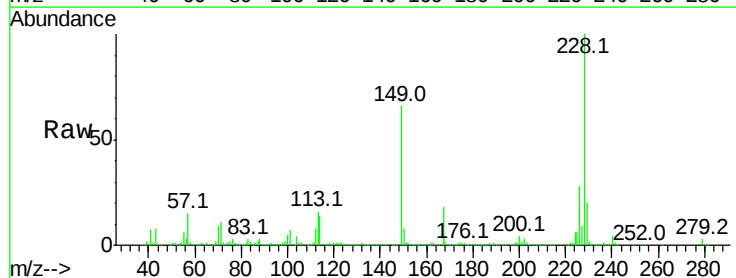
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

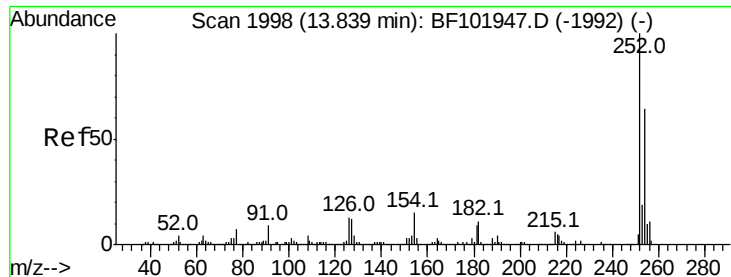
Tot Ion:149 Resp: 697569
Ion Ratio Lower Upper
149 100
91 70.9 56.8 85.2
206 17.1 14.1 21.1



#80
Benzo(a)anthracene
Concen: 35.345 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:228 Resp: 1040200
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.6 15.8 23.6





#81

3,3'-Dichlorobenzidine

Concen: 37.976 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

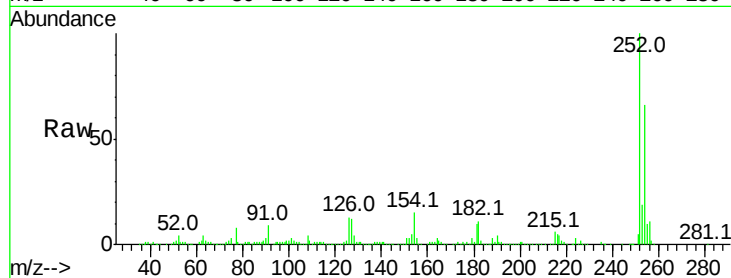
Tot Ion:252 Resp: 413824

Ion Ratio Lower Upper

252 100

254 65.7 50.4 75.6

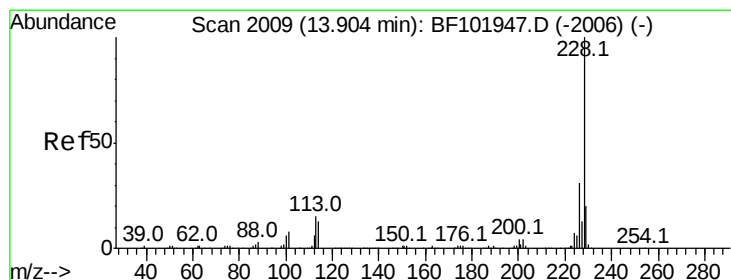
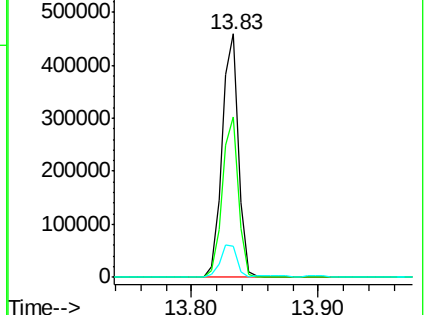
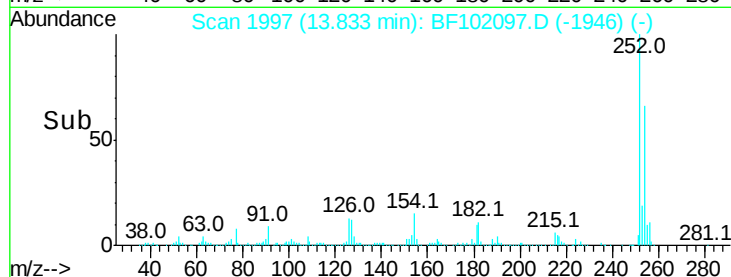
126 12.8 11.3 16.9



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: 36.111 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

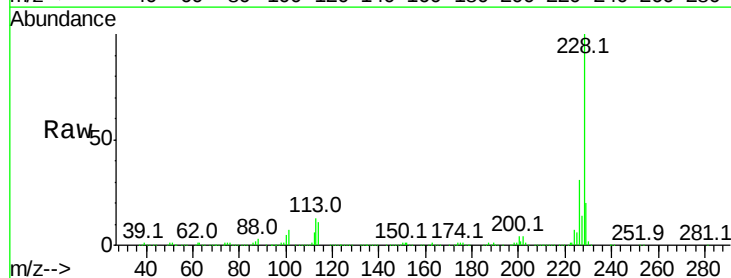
Tgt Ion:228 Resp: 1108155

Ion Ratio Lower Upper

228 100

226 30.7 25.0 37.6

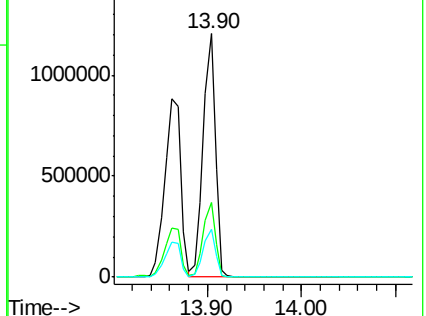
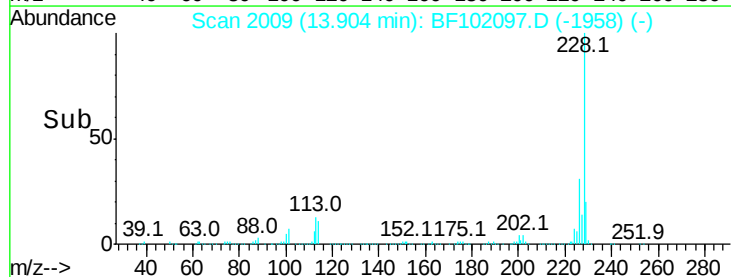
229 19.6 16.2 24.4

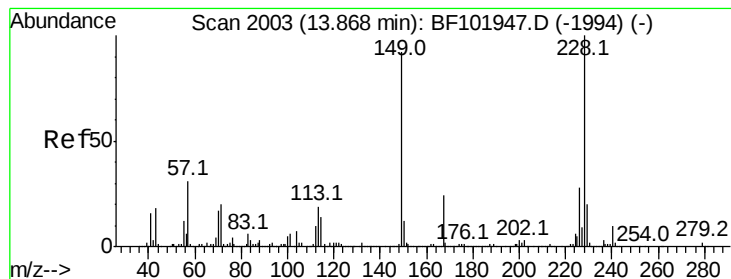


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.787 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

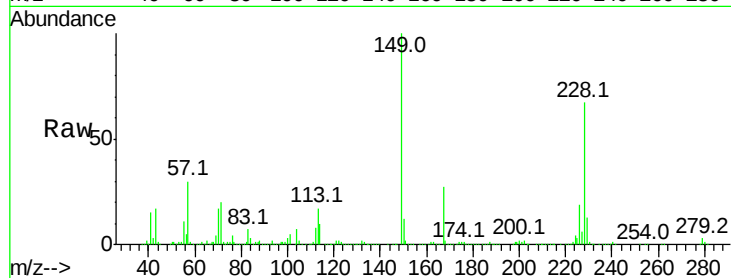
Tot Ion:149 Resp: 811109

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

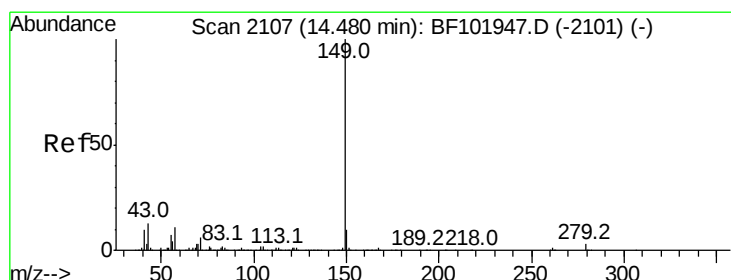
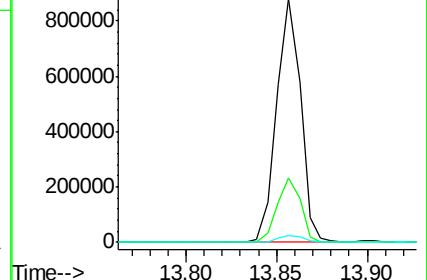
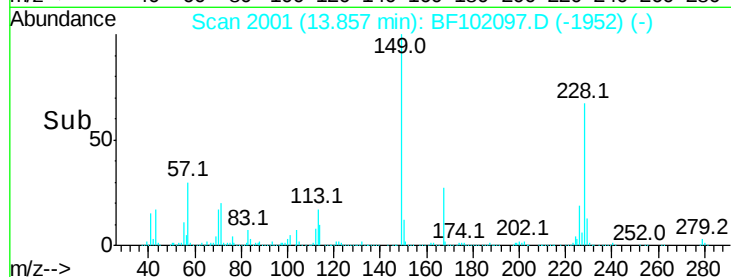
279 3.0 3.0 4.4



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: 39.088 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

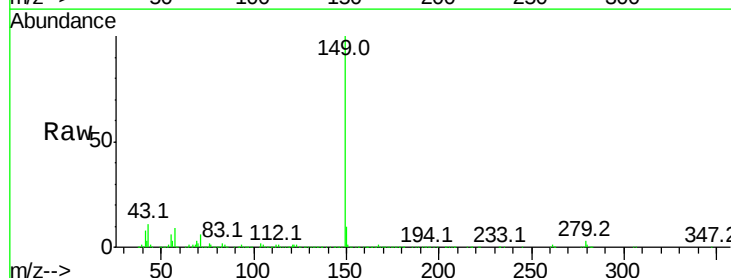
Tgt Ion:149 Resp: 1392310

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

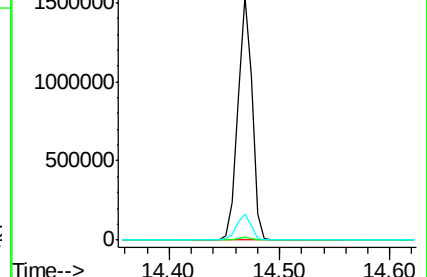
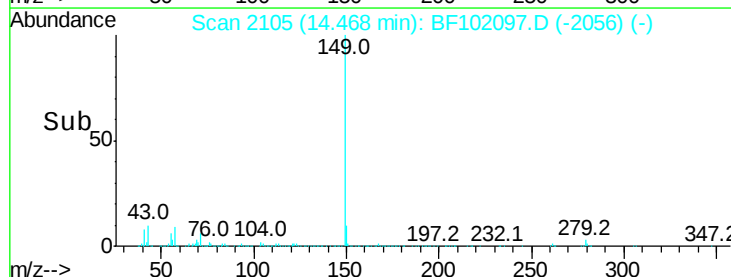
43 10.6 8.4 12.6

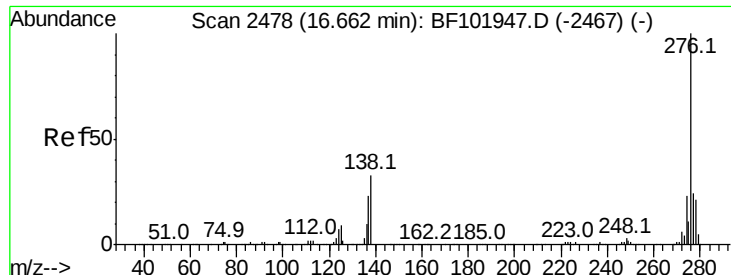


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

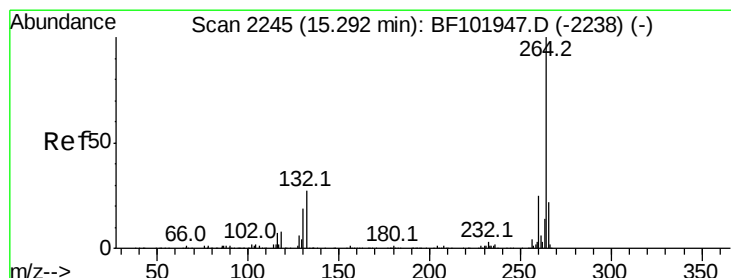
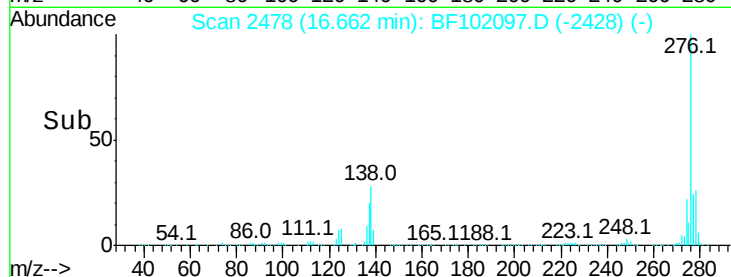
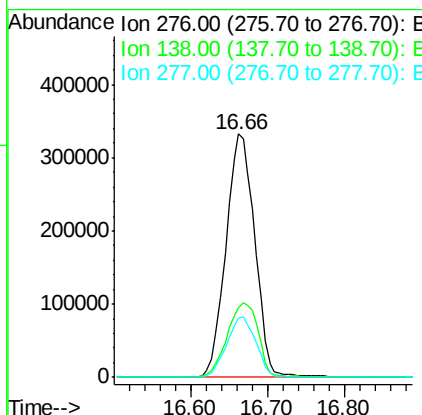
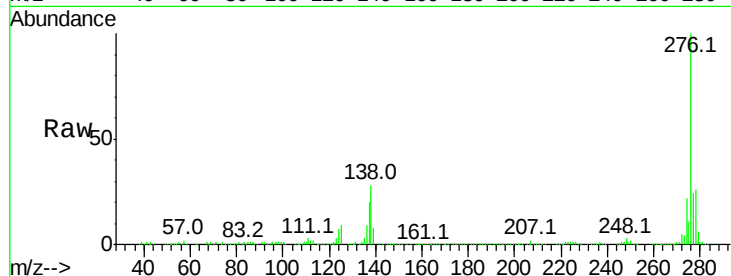




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.965 ng
 RT: 16.66 min Scan# 2478
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

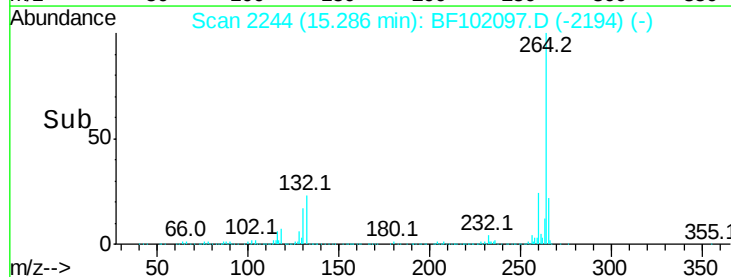
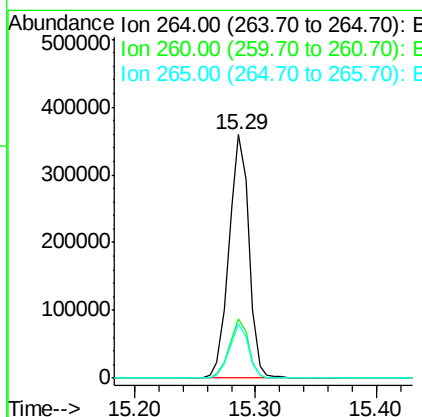
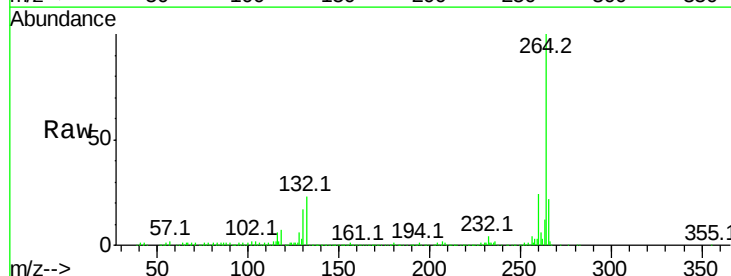
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

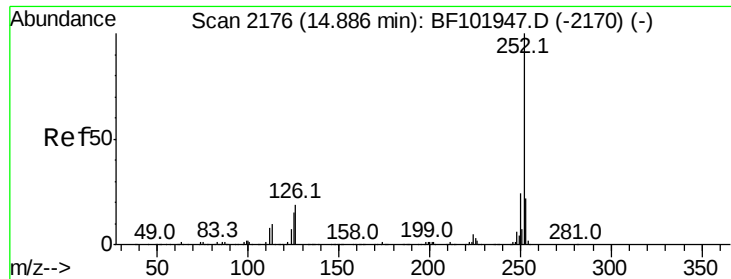
Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	25.0	37.6
277	25.3	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.01 min
 Lab File: BF102097.D
 Acq: 16 Jan 2018 9:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

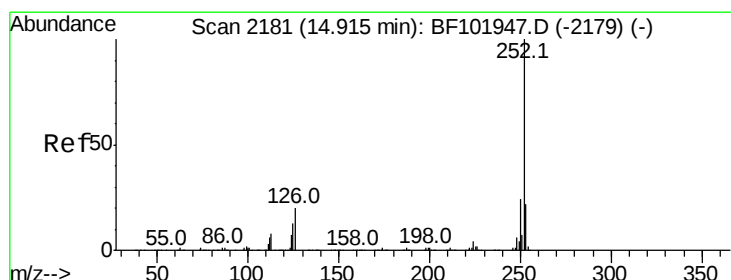
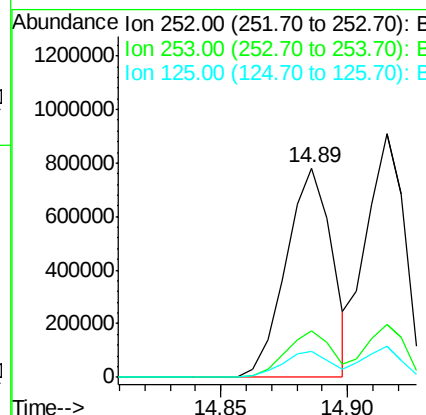
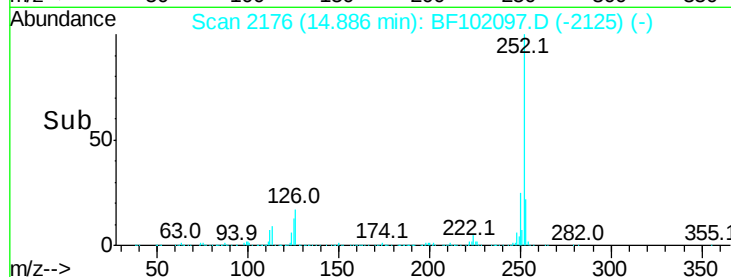
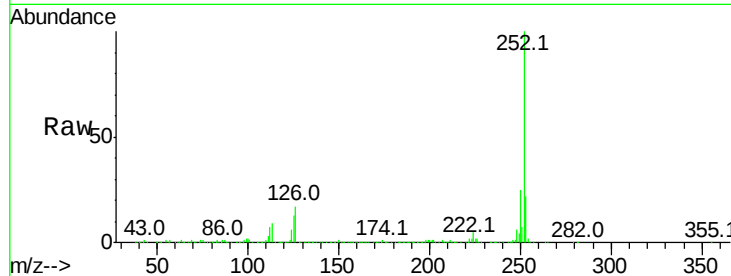




#87
Benzo(b)fluoranthene
Concen: 36.723 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

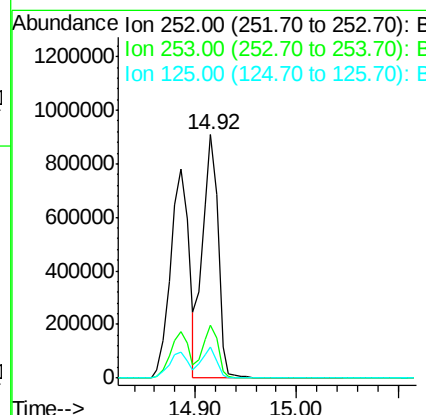
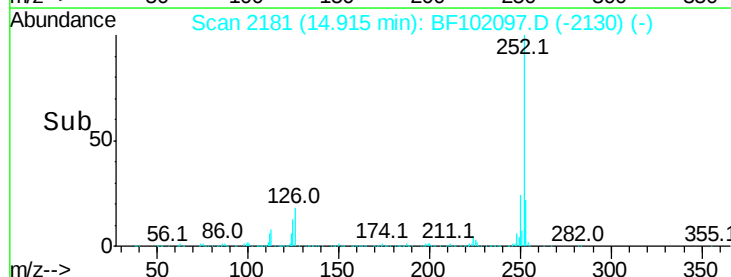
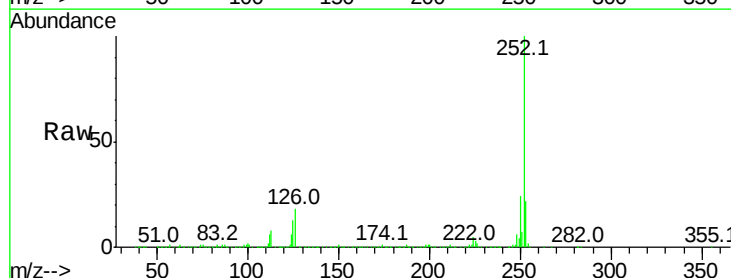
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

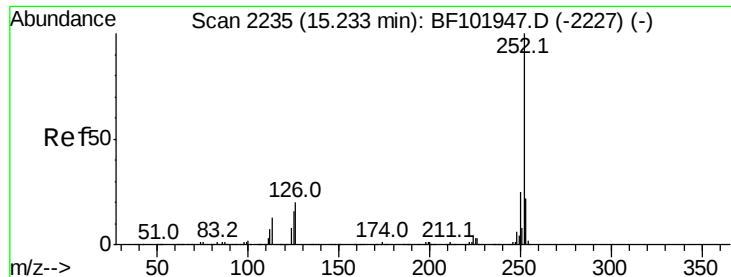
Tot Ion:252 Resp: 989296
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.176 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:252 Resp: 966129
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 12.7 10.2 15.2

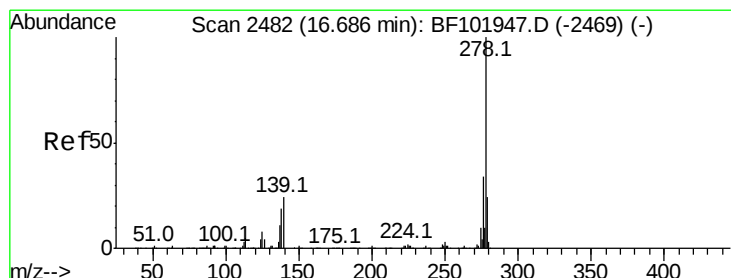
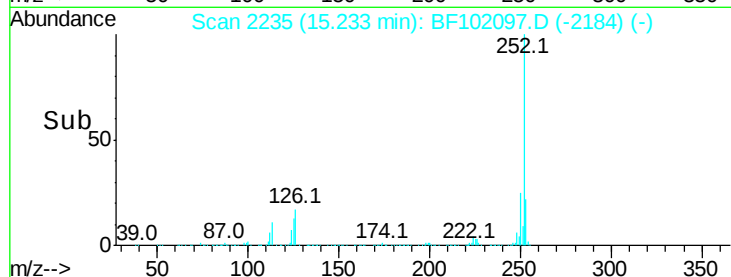
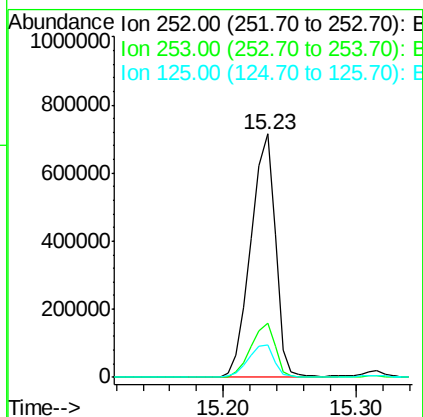
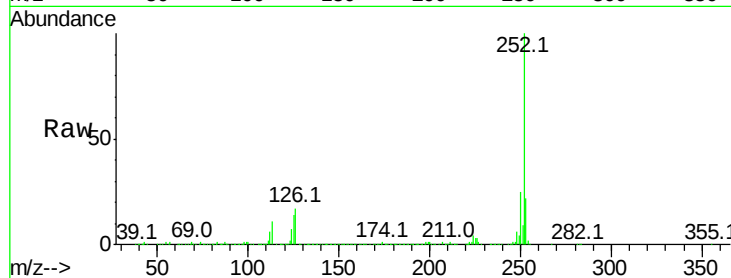




#89
Benzo(a)pyrene
Concen: 37.270 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

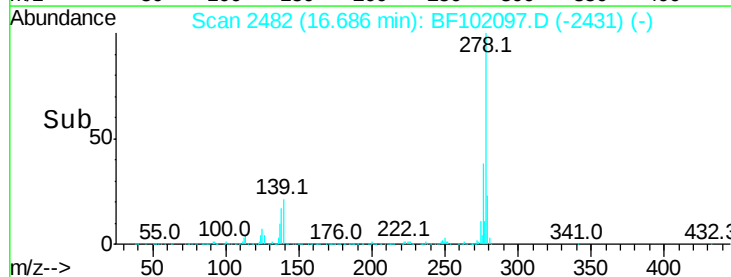
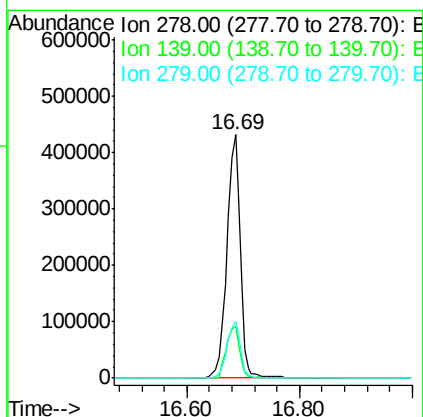
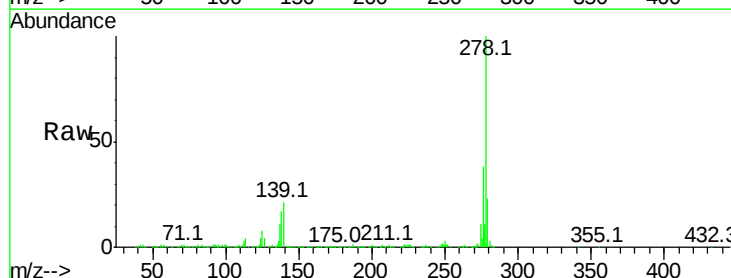
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

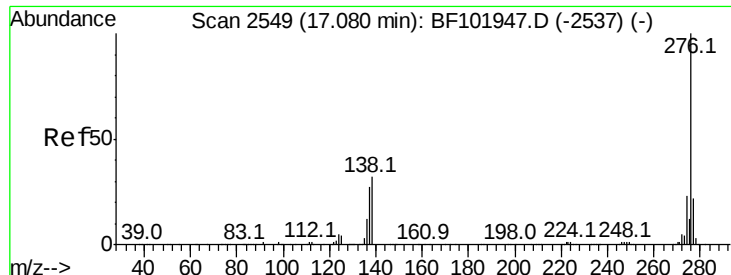
Tot Ion:252 Resp: 903484
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 13.5 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.019 ng
RT: 16.69 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BF102097.D
Acq: 16 Jan 2018 9:43

Tgt Ion:278 Resp: 716153
Ion Ratio Lower Upper
278 100
139 21.4 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 36.069 ng

RT: 17.08 min Scan# 2549

Delta R.T. -0.01 min

Lab File: BF102097.D

Acq: 16 Jan 2018 9:43

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

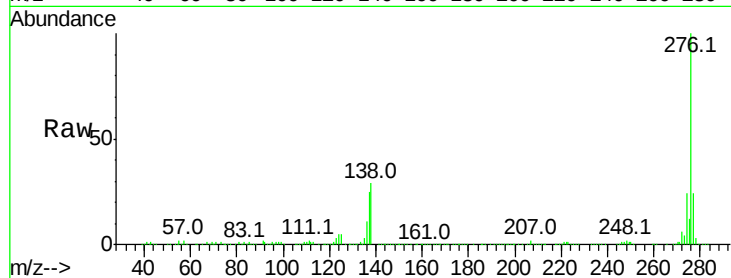
Tot Ion:276 Resp: 702880

Ion Ratio Lower Upper

276 100

277 23.8 17.9 26.9

138 28.8 21.8 32.8



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

