

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099024.D
 Acq On : 3 Oct 2017 11:52
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 03 16:59:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115421	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	484897	20.00	ng	-0.05
38) Acenaphthene-d10	9.92	164	218567	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	389173	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	289887	20.00	ng	-0.05
86) Perylene-d12	15.52	264	244637	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	610313	84.18	ng	-0.05
7) Phenol-d6	6.50	99	746112	83.42	ng	-0.04
23) Nitrobenzene-d5	7.44	82	629480	83.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	157697	88.17	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1132395	86.49	ng	-0.05
78) Terphenyl-d14	12.98	244	1086030	85.20	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	141140	40.751	ng	96
3) Pyridine	3.42	79	369435	39.430	ng	94
4) n-Nitrosodimethylamine	3.37	42	149021	37.508	ng	86
6) Aniline	6.54	93	486257	40.281	ng	99
8) 2-Chlorophenol	6.66	128	341862	41.635	ng	93
9) Benzaldehyde	6.43	77	196585	37.890	ng	97
10) Phenol	6.52	94	413522	41.339	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	318250	40.924	ng	99
12) 1,3-Dichlorobenzene	6.82	146	359380	41.793	ng	99
13) 1,4-Dichlorobenzene	6.89	146	365810	41.811	ng	99
14) 1,2-Dichlorobenzene	7.05	146	339421	41.986	ng	99
15) Benzyl Alcohol	7.02	79	263134	40.102	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	474661	39.177	ng	98
17) 2-Methylphenol	7.12	107	274570	40.868	ng	98
18) Hexachloroethane	7.39	117	128415	40.835	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	221558	38.798	ng	98
20) 3+4-Methylphenols	7.27	107	339592	39.956	ng	93
22) Acetophenone	7.29	105	457474	38.940	ng	# 96
24) Nitrobenzene	7.46	77	348935	40.682	ng	100
25) Isophorone	7.70	82	617945	39.529	ng	98
26) 2-Nitrophenol	7.77	139	188054	45.594	ng	90
27) 2,4-Dimethylphenol	7.80	122	316310	40.608	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	397797	40.833	ng	99
29) 2,4-Dichlorophenol	8.01	162	281958	42.161	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	280619	41.954	ng	99
31) Naphthalene	8.18	128	938593	41.214	ng	100
32) Benzoic acid	7.93	122	217662	34.019	ng	97
33) 4-Chloroaniline	8.23	127	391893	41.207	ng	97
34) Hexachlorobutadiene	8.29	225	141144	40.969	ng	99
35) Caprolactam	8.60	113	89172	41.568	ng	92
36) 4-Chloro-3-methylphenol	8.70	107	305901	40.695	ng	98
37) 2-Methylnaphthalene	8.87	142	615242	41.557	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	276802	42.465	ng	99
40) Hexachlorocyclopentadiene	9.02	237	109396	36.724	ng	98

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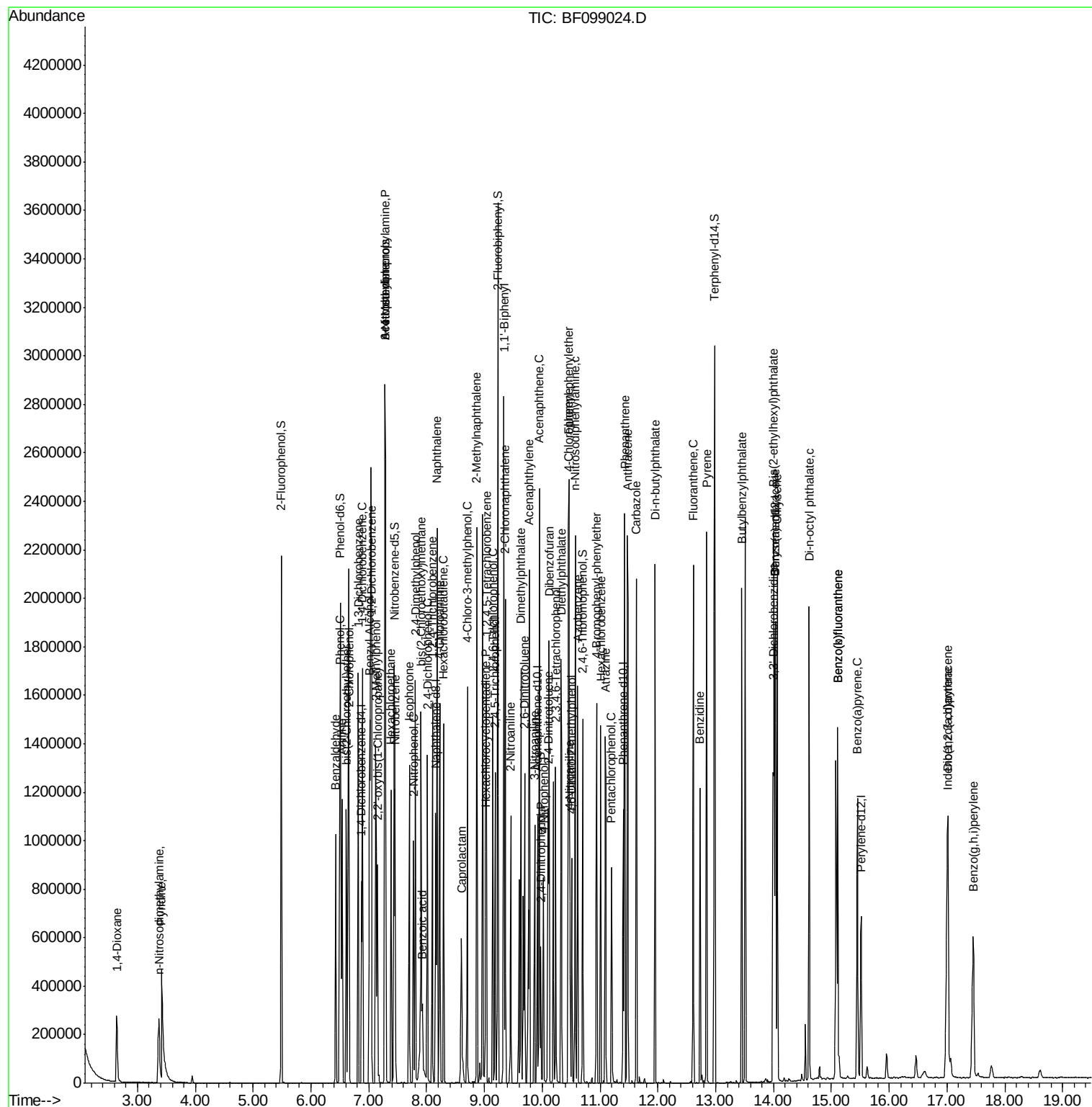
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	190749	41.308	ng	99
43) 2,4,5-Trichlorophenol	9.19	196	195608	42.434	ng	95
45) 1,1'-Biphenyl	9.33	154	790533	42.084	ng	100
46) 2-Chloronaphthalene	9.36	162	593237	42.062	ng	96
47) 2-Nitroaniline	9.46	65	181062	41.926	ng	95
48) Acenaphthylene	9.77	152	916733	42.460	ng	99
49) Dimethylphthalate	9.63	163	700048	42.437	ng	100
50) 2,6-Dinitrotoluene	9.70	165	158220	44.056	ng	91
51) Acenaphthene	9.95	154	549802	40.200	ng	99
52) 3-Nitroaniline	9.87	138	182340	43.544	ng	92
53) 2,4-Dinitrophenol	9.97	184	67861	39.478	ng	93
54) Dibenzofuran	10.12	168	767784	42.163	ng	99
55) 4-Nitrophenol	10.02	139	141123	39.856	ng	87
56) 2,4-Dinitrotoluene	10.10	165	210677	45.201	ng	# 87
57) Fluorene	10.46	166	626123	42.779	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	136236	42.783	ng	98
59) Diethylphthalate	10.33	149	680357	42.208	ng	99
60) 4-Chlorophenyl-phenylether	10.45	204	277945	42.275	ng	98
61) 4-Nitroaniline	10.48	138	178668	44.225	ng	92
62) Azobenzene	10.61	77	605226	40.835	ng	97
64) 4,6-Dinitro-2-methylphenol	10.51	198	108425	45.791	ng	93
65) n-Nitrosodiphenylamine	10.57	169	565754	41.963	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	164003	43.053	ng	100
67) Hexachlorobenzene	11.01	284	170869	41.997	ng	98
68) Atrazine	11.10	200	173709	42.824	ng	99
69) Pentachlorophenol	11.20	266	94928	37.490	ng	98
70) Phenanthrene	11.43	178	868805	41.707	ng	99
71) Anthracene	11.47	178	906772	42.543	ng	99
72) Carbazole	11.63	167	875274	41.934	ng	100
73) Di-n-butylphthalate	11.95	149	1077248	42.878	ng	100
74) Fluoranthene	12.62	202	885413	41.974	ng	97
76) Benzidine	12.73	184	459458	42.852	ng	99
77) Pyrene	12.84	202	913154	41.310	ng	100
79) Butylbenzylphthalate	13.45	149	453227	43.626	ng	97
80) Benzo(a)anthracene	14.03	228	734394	41.838	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	270045	41.966	ng	98
82) Chrysene	14.07	228	694442	41.554	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	636698	44.509	ng	# 98
84) Di-n-octyl phthalate	14.62	149	1055709	45.833	ng	97
85) Indeno(1,2,3-cd)pyrene	17.00	276	580128	43.396	ng	96
87) Benzo(b)fluoranthene	15.12	252	583036	38.762	ng	99
88) Benzo(k)fluoranthene	15.12	252	583036	39.245	ng	98
89) Benzo(a)pyrene	15.45	252	564318	40.872	ng	# 96
90) Dibenzo(a,h)anthracene	17.02	278	477694	43.232	ng	98
91) Benzo(g,h,i)perylene	17.46	276	474453	43.439	ng	96

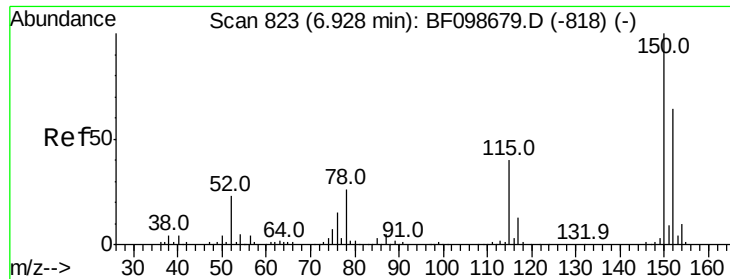
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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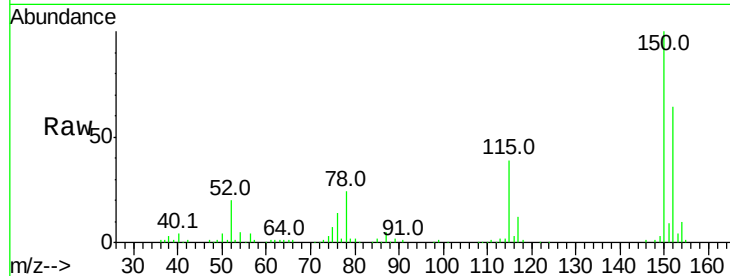


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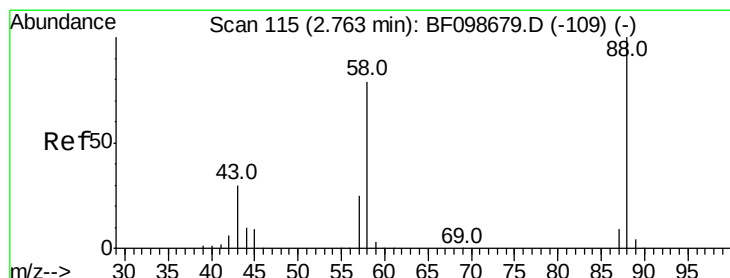
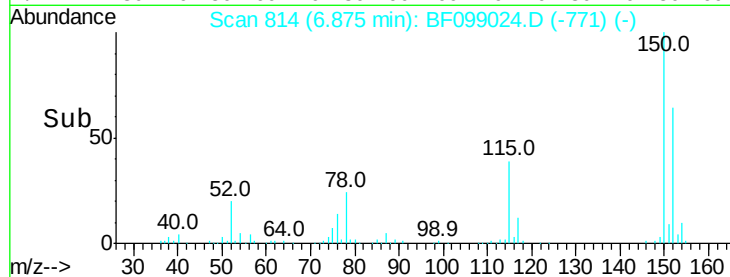
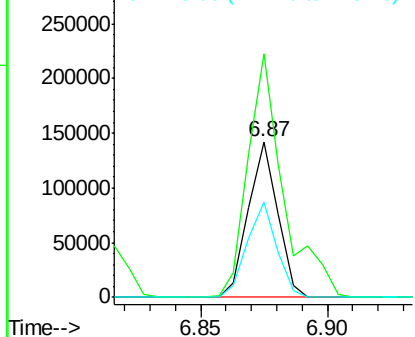
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:152 Resp: 115421
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 61.5 50.1 75.1



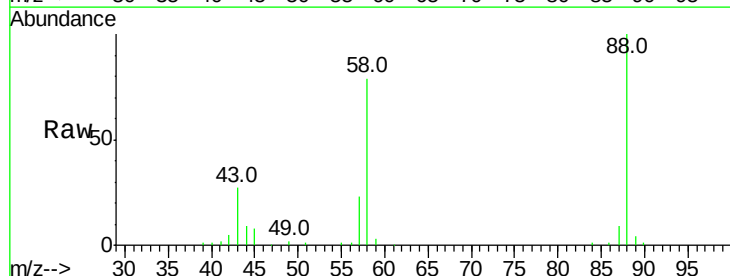
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



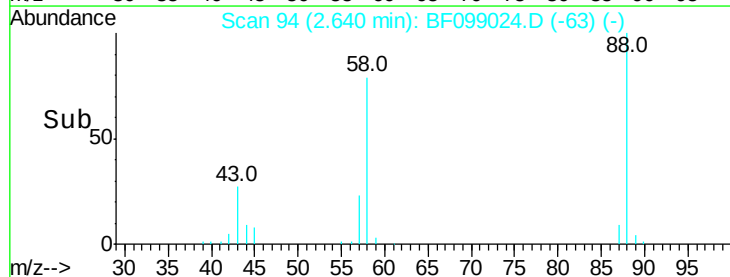
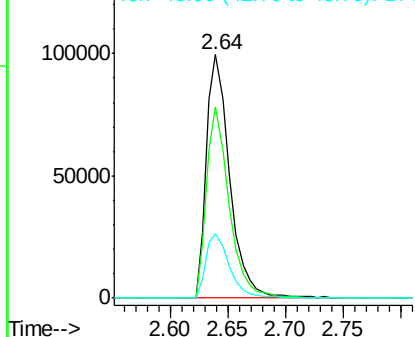
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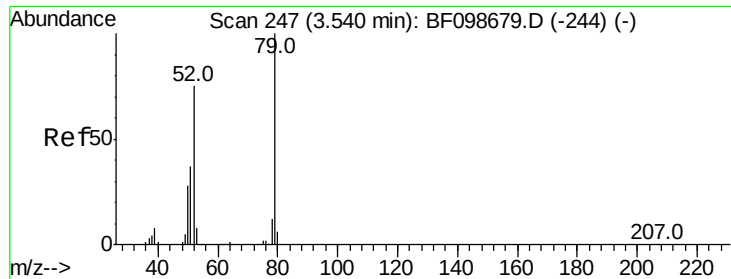
1,4-Dioxane
Concen: 40.751 ng
RT: 2.64 min Scan# 94
Delta R.T. -0.12 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion: 88 Resp: 141140
Ion Ratio Lower Upper
88 100
58 75.9 62.6 93.8
43 26.9 24.6 37.0



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

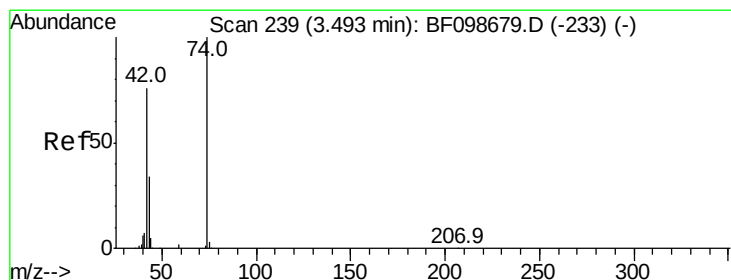
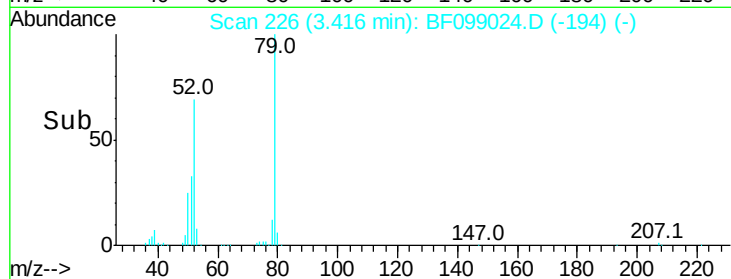
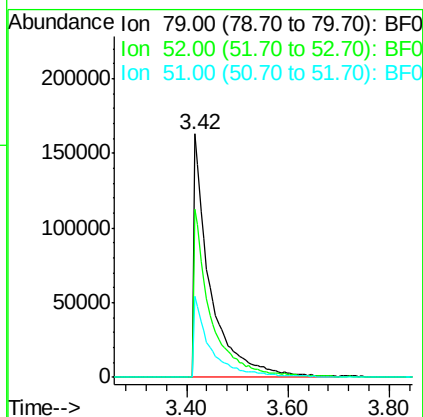
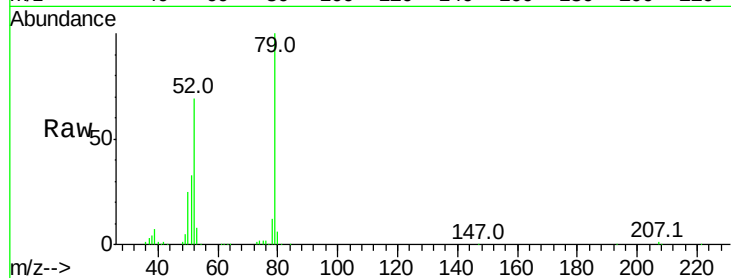




#3
 Pvridine
 Concen: 39.430 ng
 RT: 3.42 min Scan# 226
 Delta R.T. -0.11 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

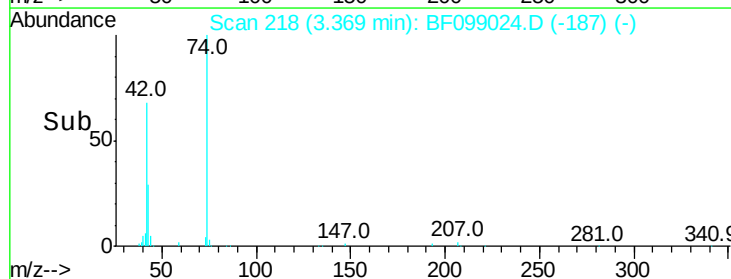
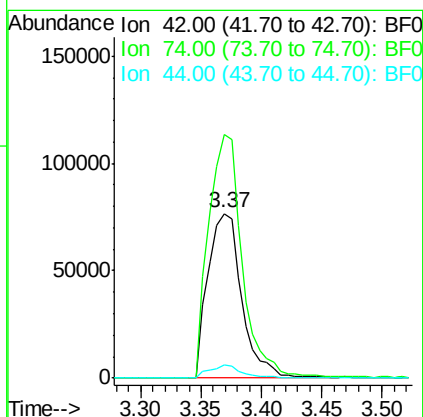
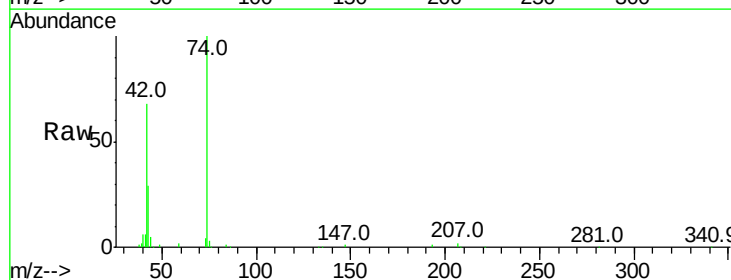
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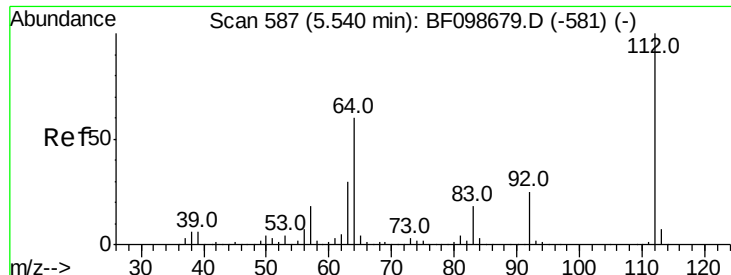
Tot Ion: 79 Resp: 369435
 Ion Ratio Lower Upper
 79 100
 52 69.2 59.8 89.6
 51 33.4 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 37.508 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.12 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion: 42 Resp: 149021
 Ion Ratio Lower Upper
 42 100
 74 148.0 104.9 157.3
 44 7.7 6.9 10.3

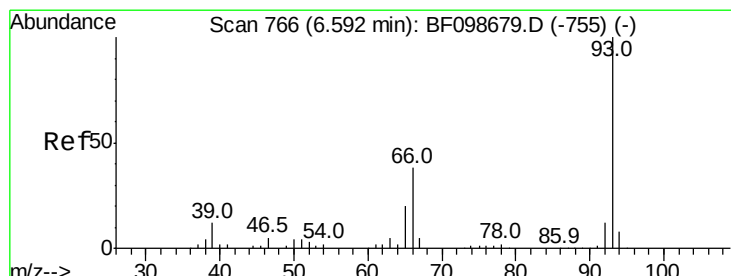
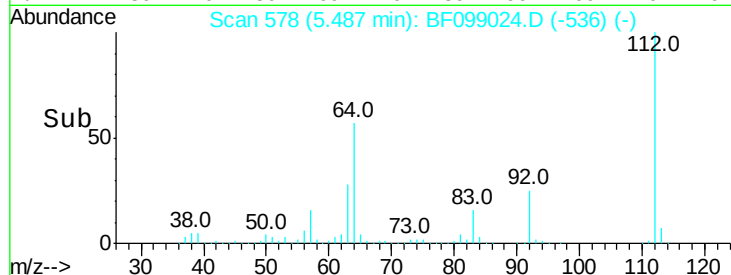
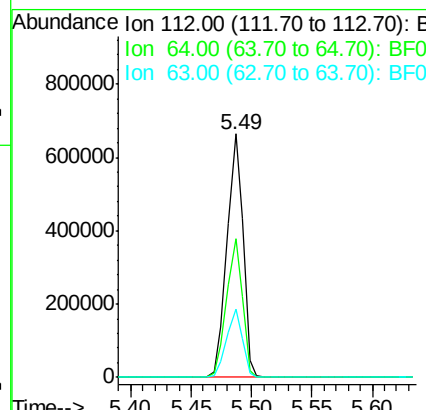
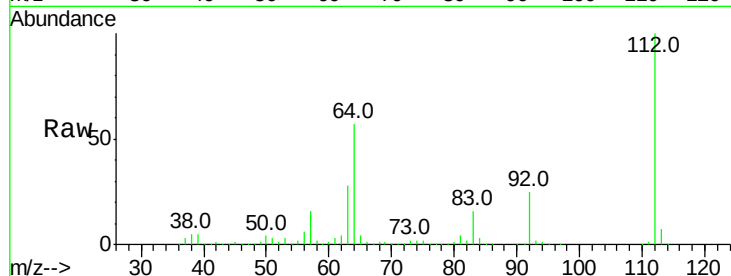




#5
 2-Fluorophenol
 Concen: 84.175 ng
 RT: 5.49 min Scan# 578
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

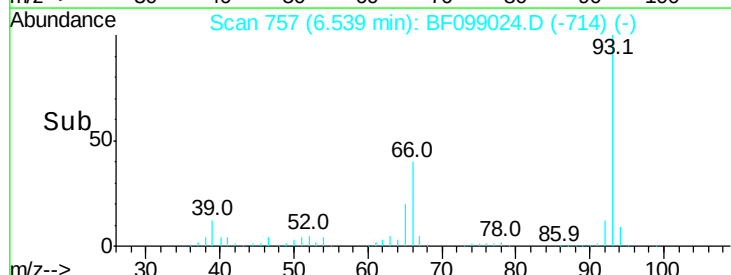
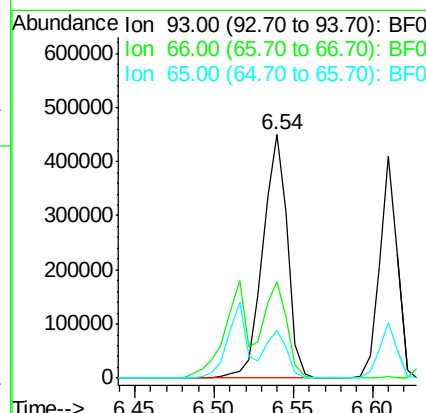
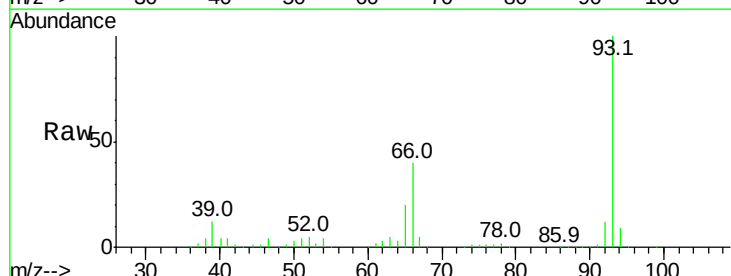
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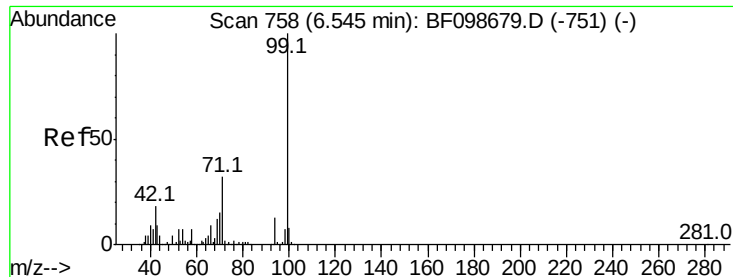
Tot Ion:112 Resp: 610313
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 27.9 23.7 35.5



#6
 Aniline
 Concen: 40.281 ng
 RT: 6.54 min Scan# 757
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion: 93 Resp: 486257
 Ion Ratio Lower Upper
 93 100
 66 39.5 32.2 48.2
 65 19.7 16.4 24.6





#7

Phenol-d6

Concen: 83.417 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

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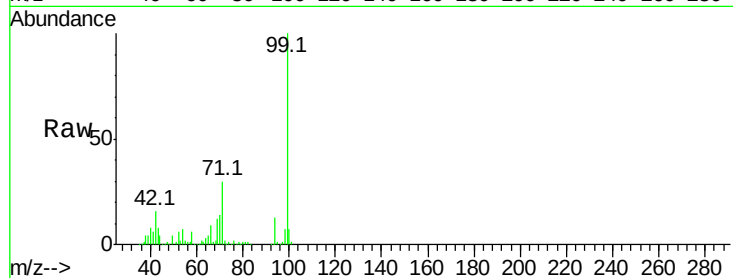
Tot Ion: 99 Resp: 746112

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

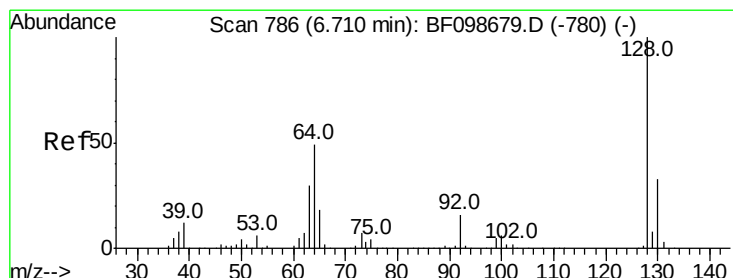
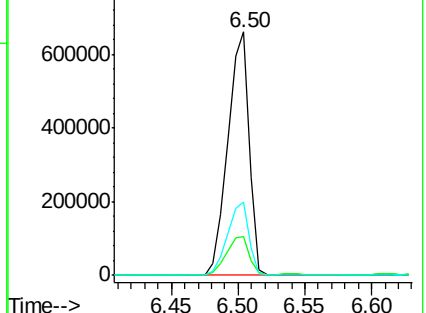
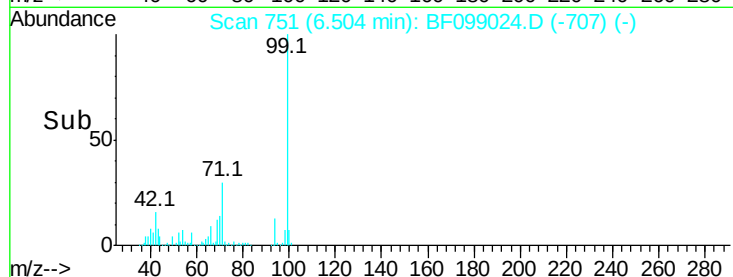
71 30.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.635 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.05 min

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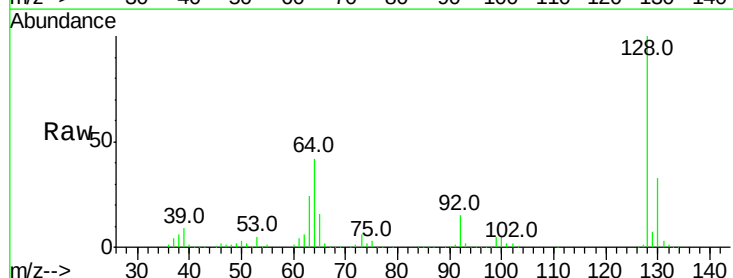
Tgt Ion: 128 Resp: 341862

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

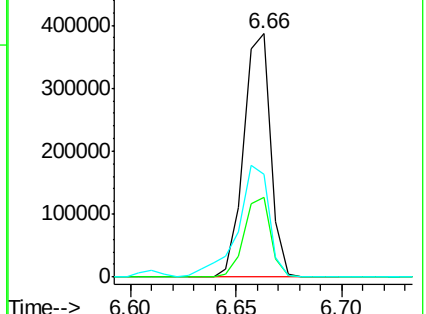
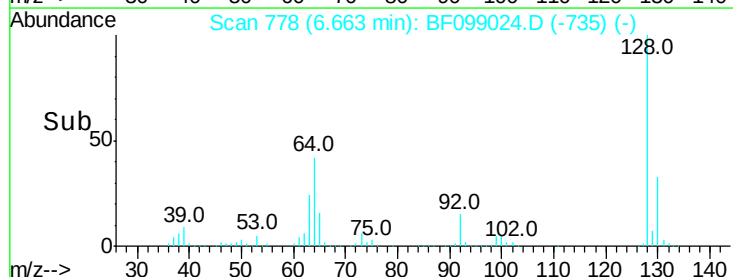
64 42.0 29.4 69.4

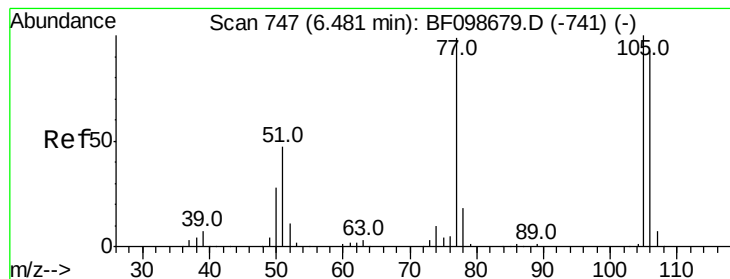


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.890 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.05 min

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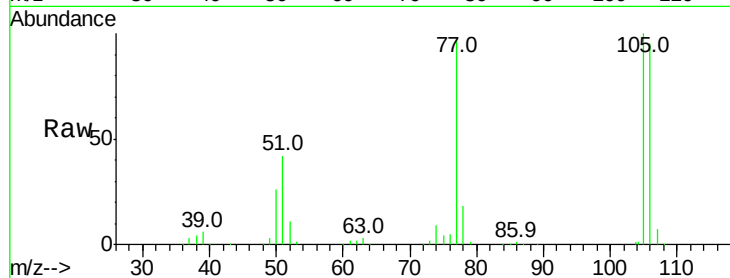
Tot Ion: 77 Resp: 196585

Ion Ratio Lower Upper

77 100

105 103.4 81.1 121.1

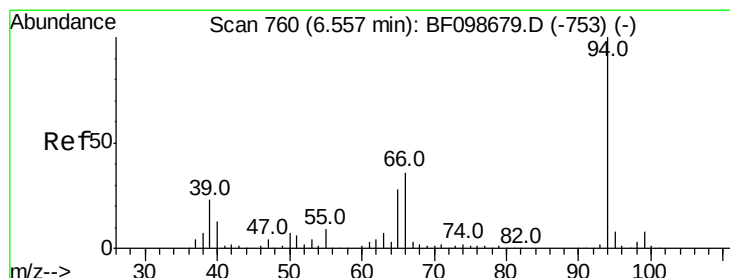
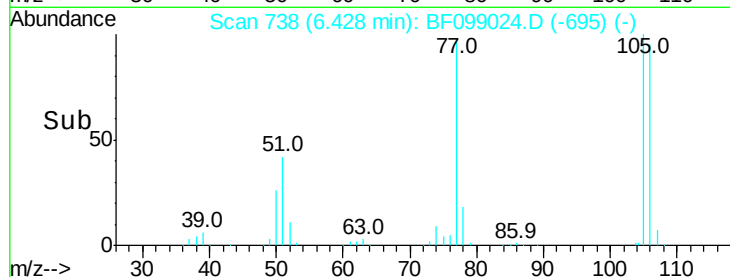
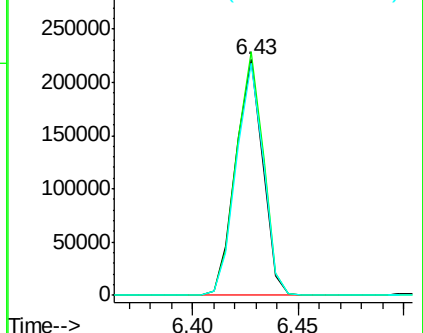
106 98.7 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.339 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.04 min

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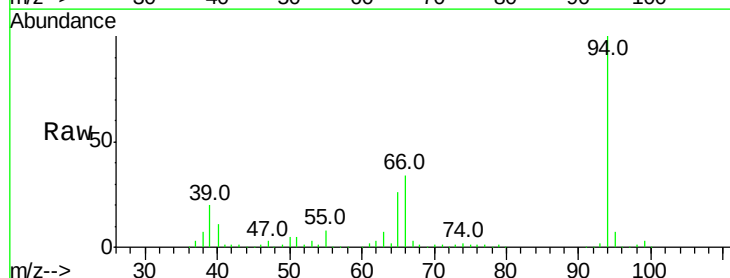
Tgt Ion: 94 Resp: 413522

Ion Ratio Lower Upper

94 100

65 25.8 7.9 47.9

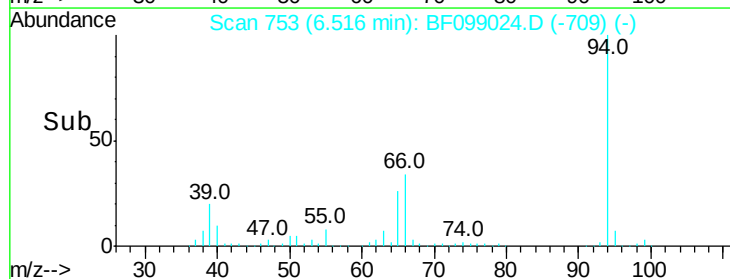
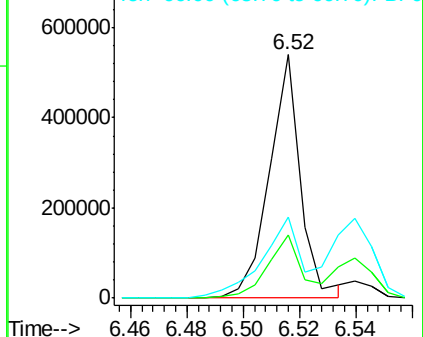
66 33.6 16.2 56.2

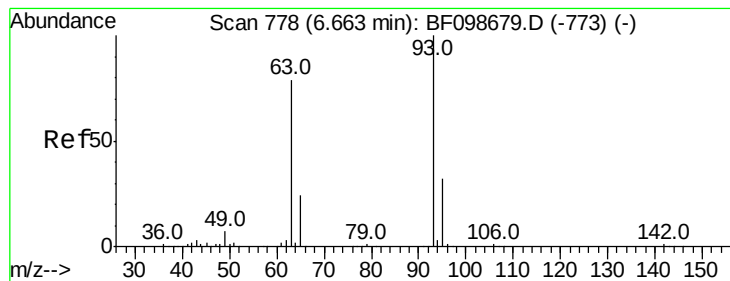


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.924 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

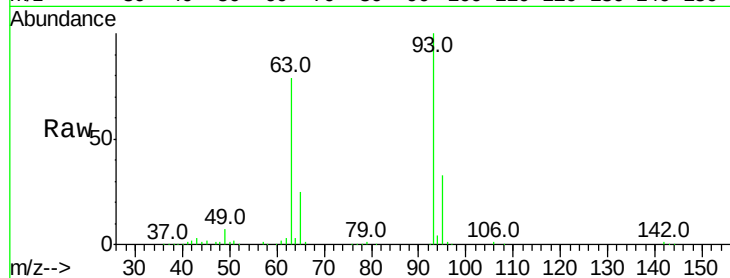
Tot Ion: 93 Resp: 318250

Ion Ratio Lower Upper

93 100

63 78.9 58.6 98.6

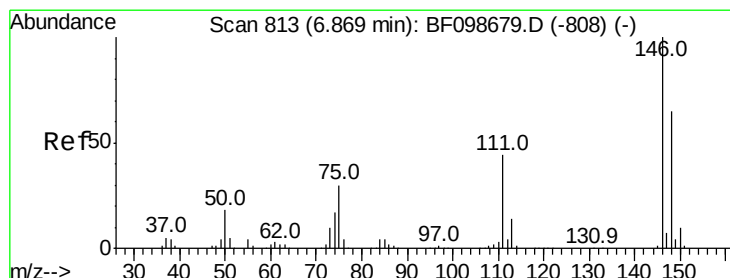
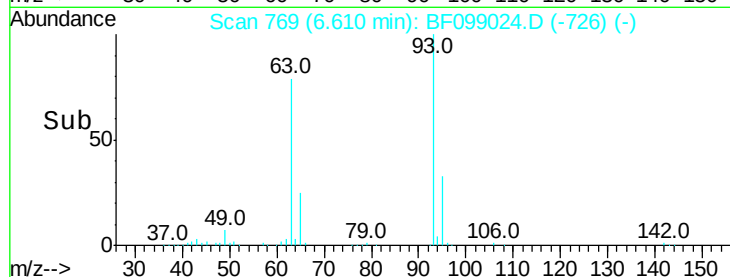
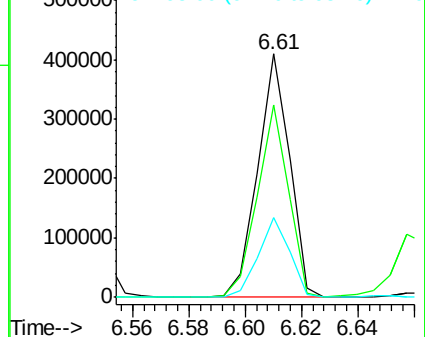
95 32.8 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 41.793 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

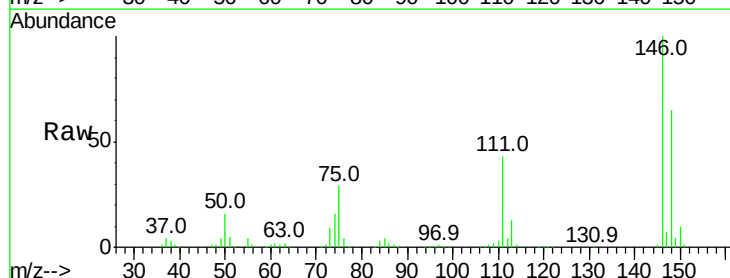
Tgt Ion: 146 Resp: 359380

Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.8

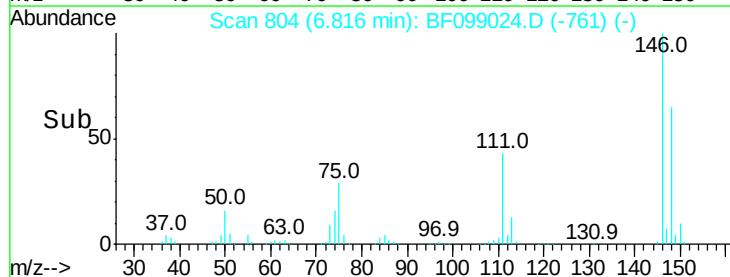
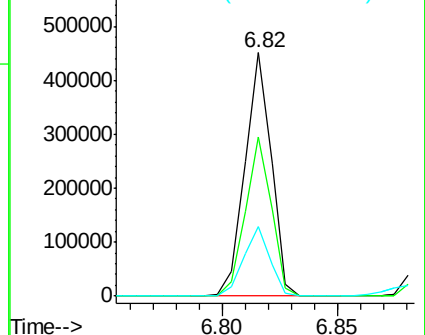
75 28.6 24.2 36.4

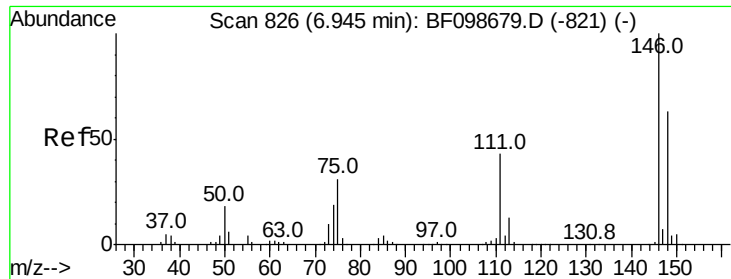


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

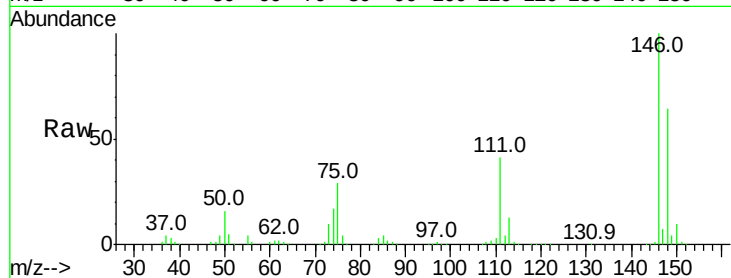




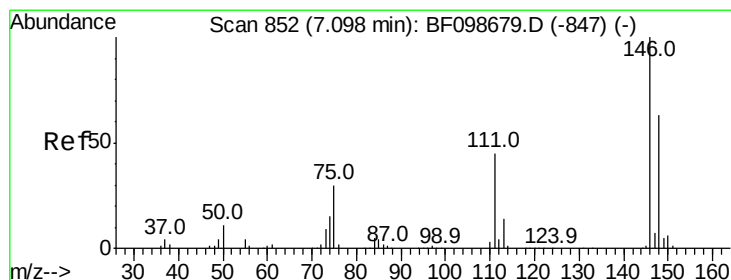
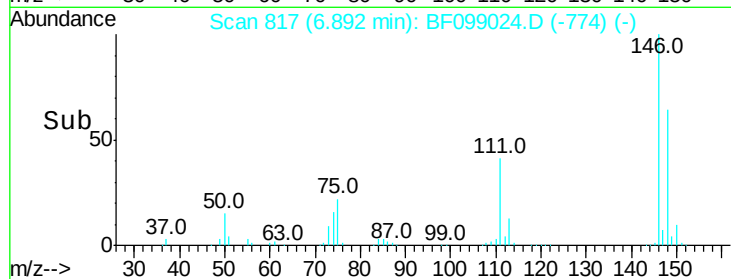
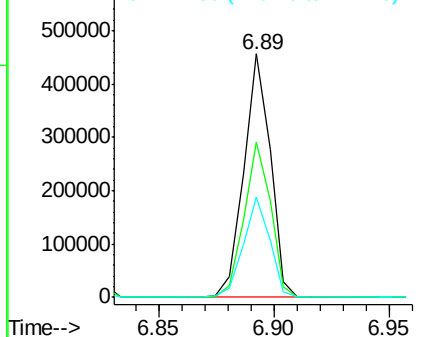
#13
 1,4-Dichlorobenzene
 Concen: 41.811 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:146 Resp: 365810
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.8 76.2
 111 41.0 34.2 51.2

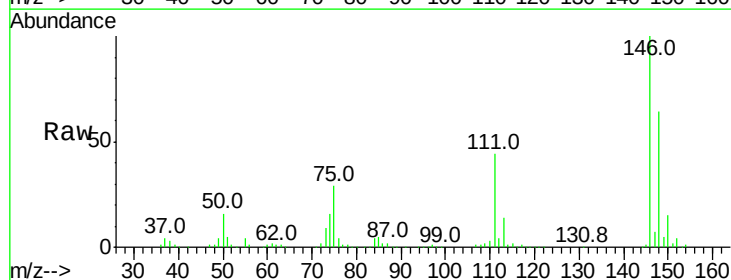


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

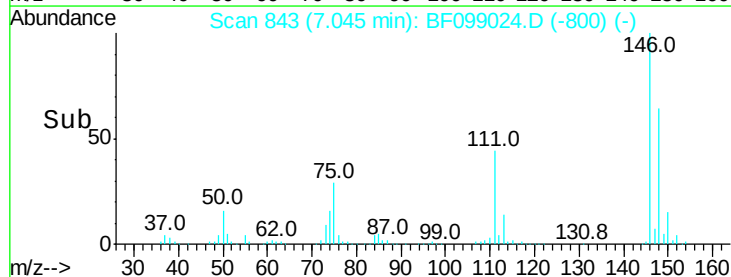
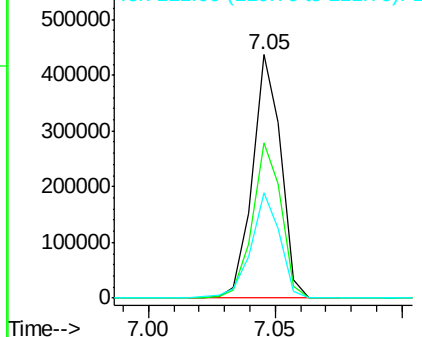


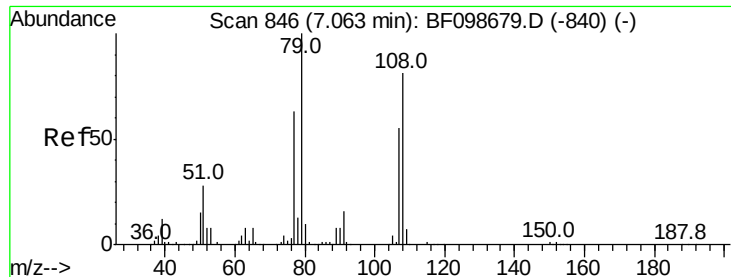
#14
 1,2-Dichlorobenzene
 Concen: 41.986 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:146 Resp: 339421
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.6 75.8
 111 43.5 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: 40.102 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

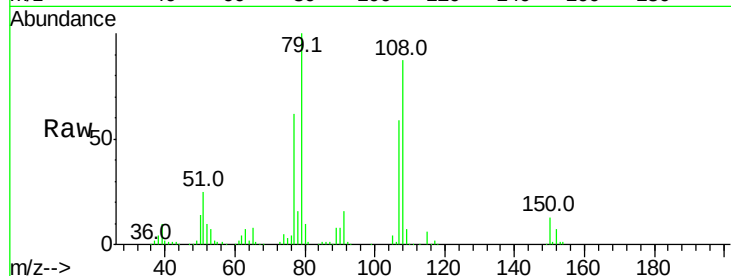
Tot Ion: 79 Resp: 263134

Ion Ratio Lower Upper

79 100

108 86.5 65.1 97.7

77 61.7 50.6 75.8



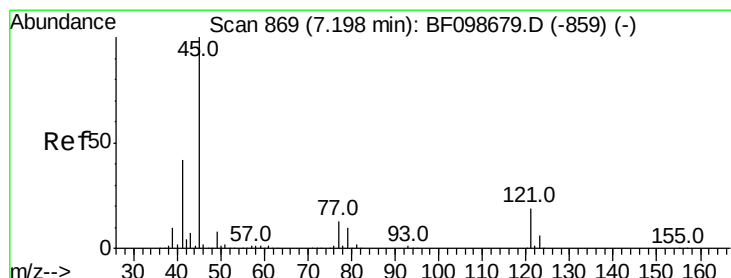
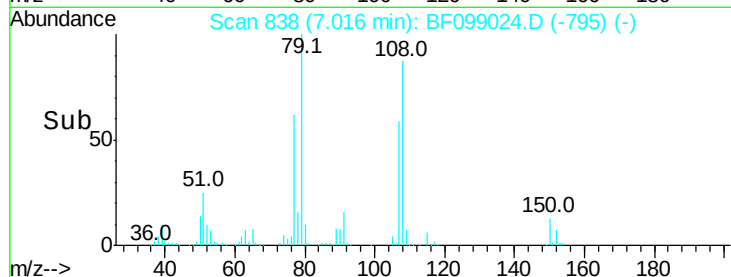
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

7.02

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.177 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

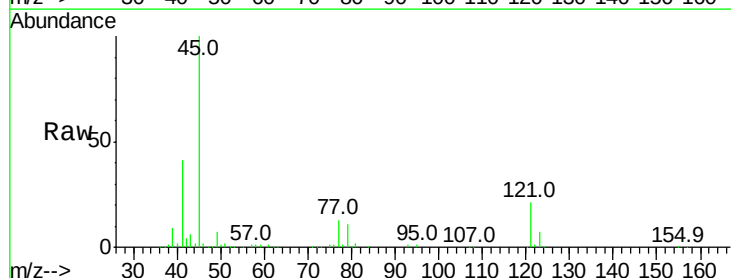
Tgt Ion: 45 Resp: 474661

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

79 10.8 0.0 29.6



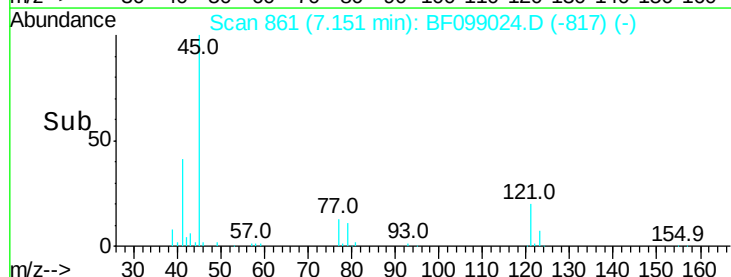
Abundance Ion 45.00 (44.70 to 45.70): BF0

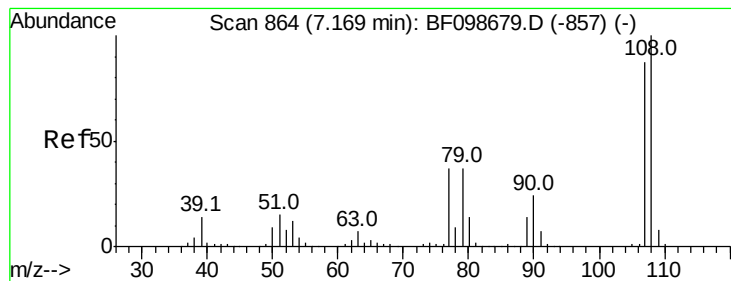
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.15

Time-->

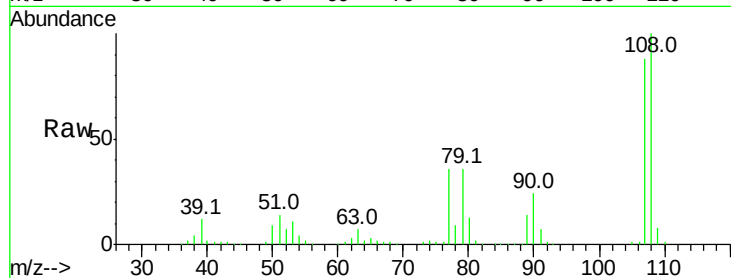




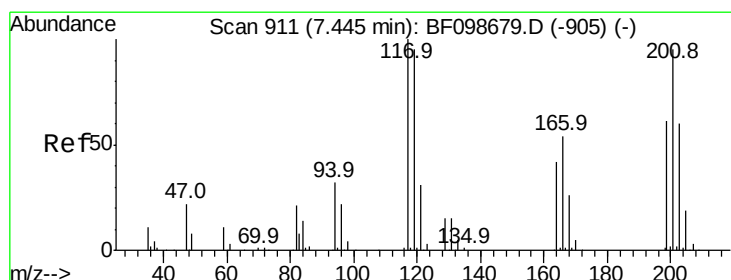
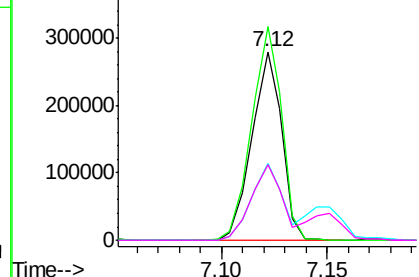
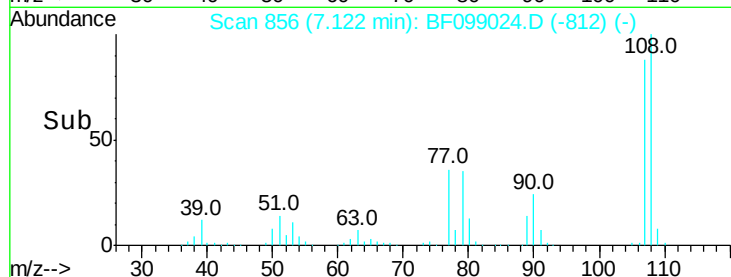
#17
2-Methylphenol
Concen: 40.868 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	274570
Ion	Ratio	Lower	Upper
107	100		
108	113.5	91.7	137.5
77	41.0	33.8	50.8
79	40.3	33.8	50.8

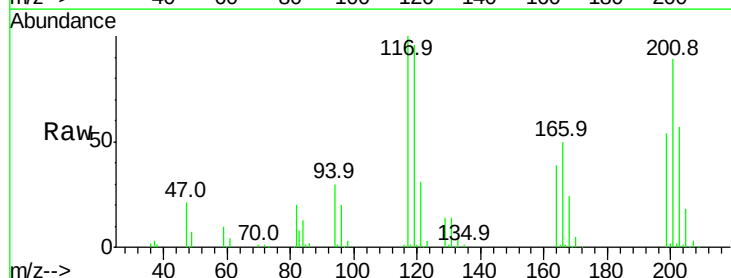


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

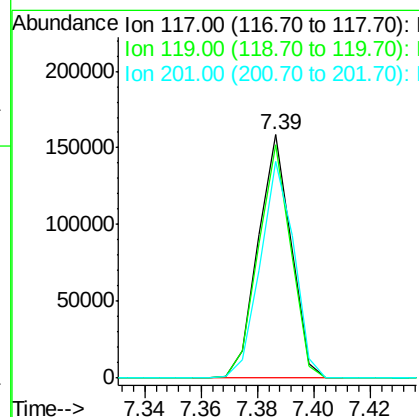
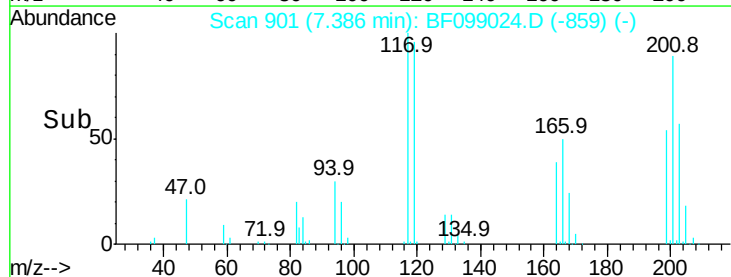


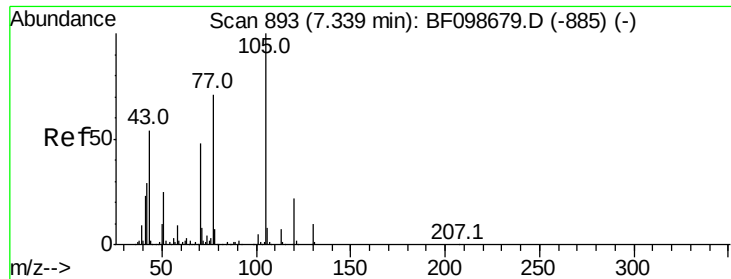
#18
Hexachloroethane
Concen: 40.835 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion:	117	Resp:	128415
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.8	113.8
201	89.1	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

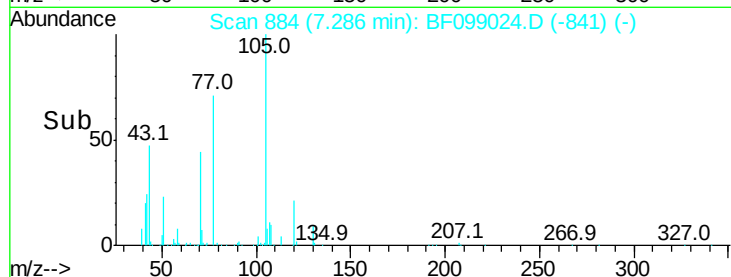
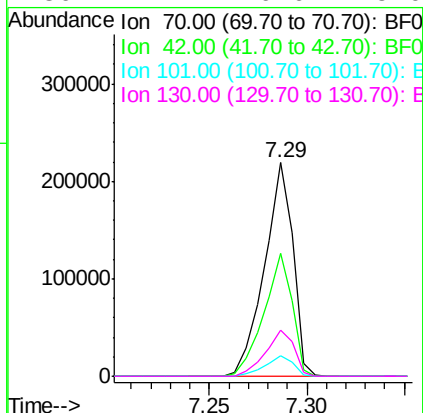
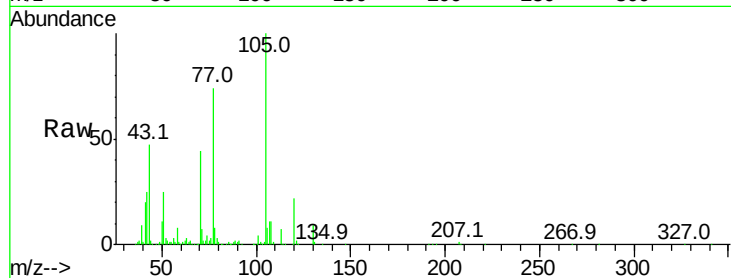




#19
n-Nitroso-di-n-propylamine
Concen: 38.798 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

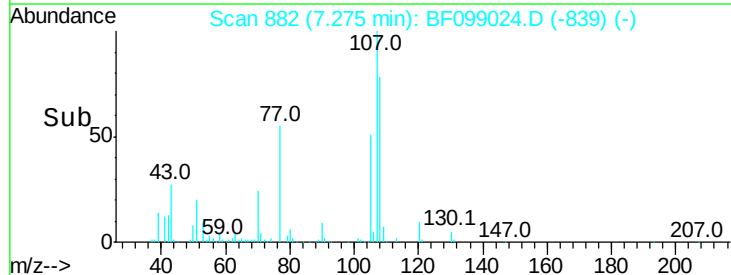
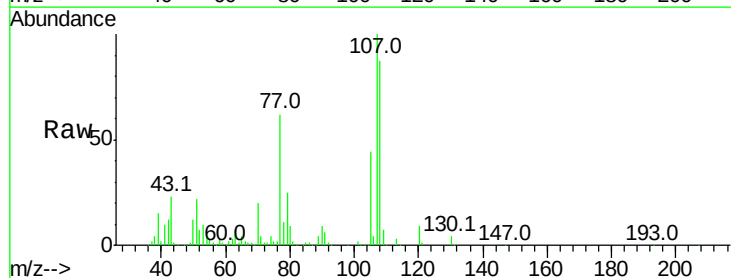
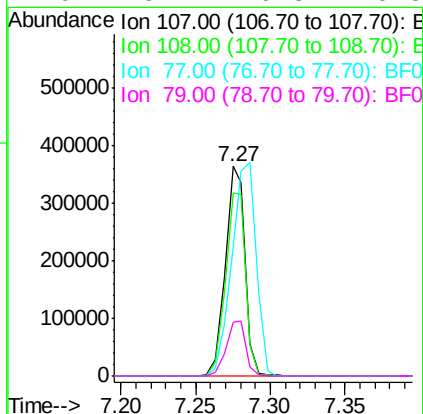
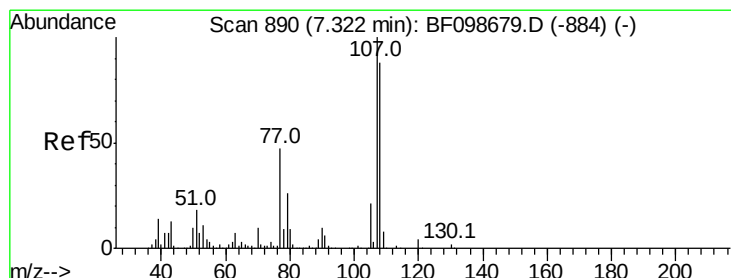
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

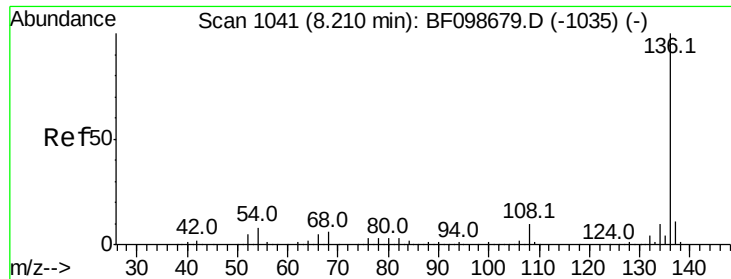
Tot Ion:	70	Resp:	221558
Ion	Ratio	Lower	Upper
70	100		
42	57.6	47.5	71.3
101	9.7	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.956 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion:	107	Resp:	339592
Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	61.5	26.7	66.7
79	25.4	6.3	46.3

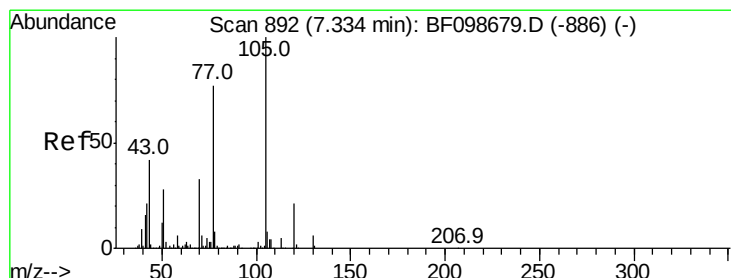
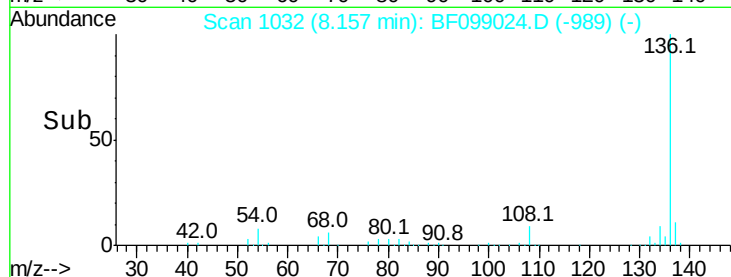
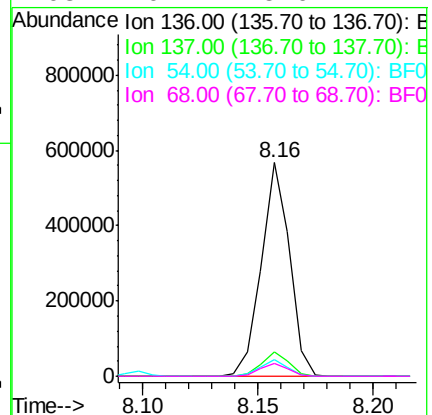
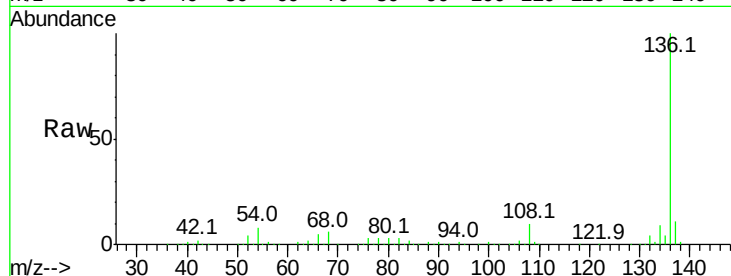




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

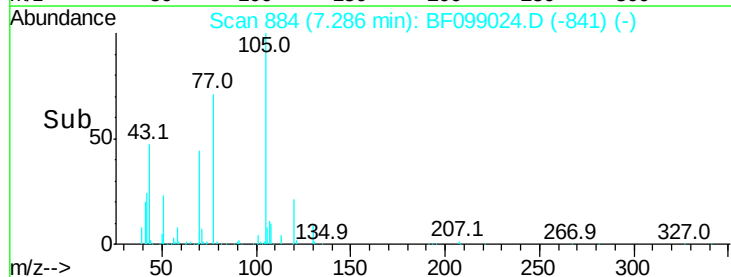
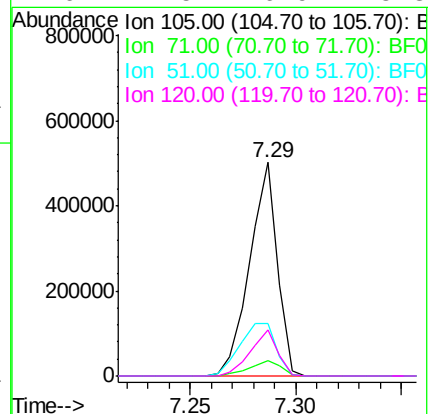
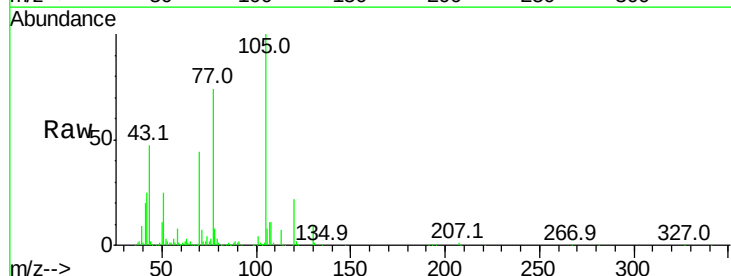
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

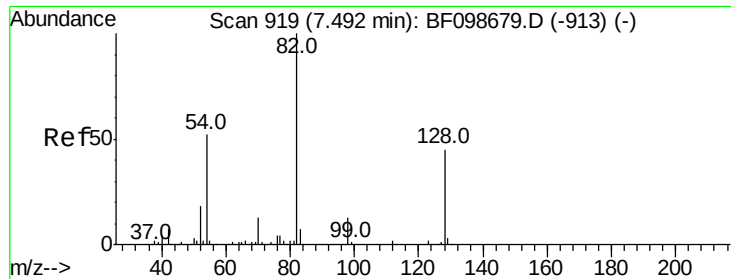
Tot Ion:136	Resp:	484897	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	8.9	13.3	
54 8.0	6.6	9.8	
68 6.1	5.0	7.4	



#22
Acetophenone
Concen: 38.940 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt	Ion:105	Resp:	457474
Ion	Ratio	Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	24.7	22.3	33.5
120	21.5	16.9	25.3

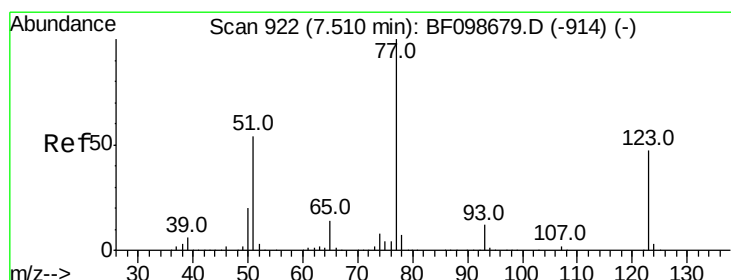
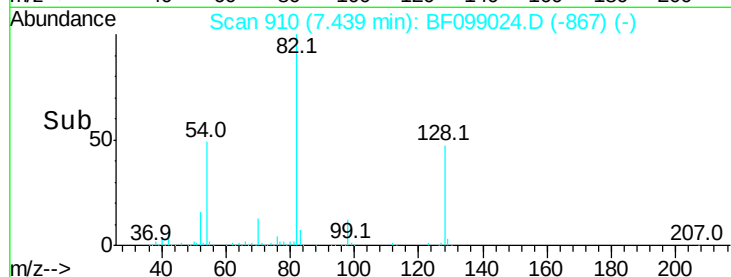
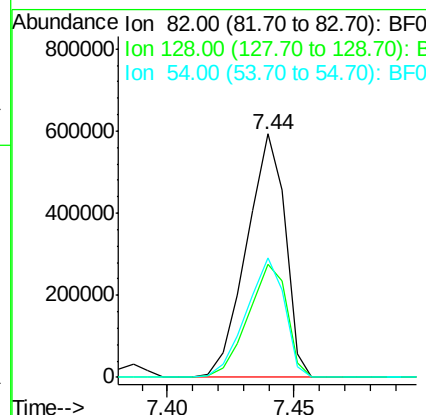
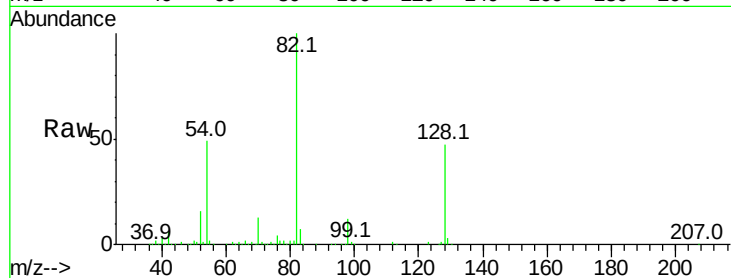




#23
 Nitrobenzene-d5
 Concen: 83.252 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

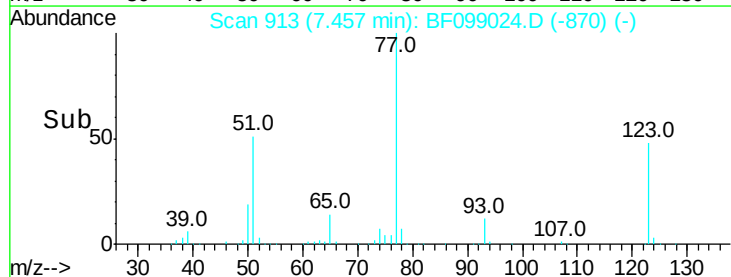
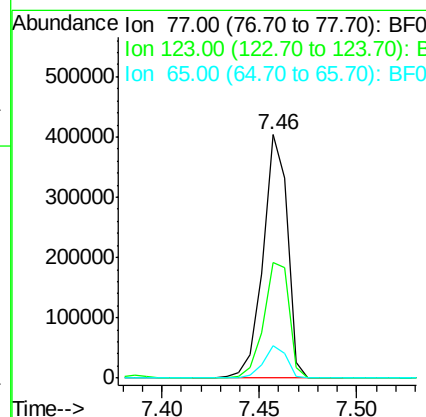
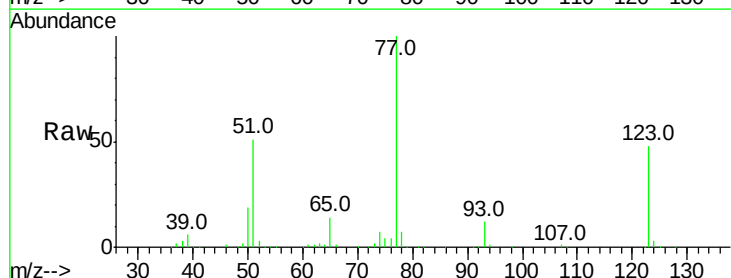
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

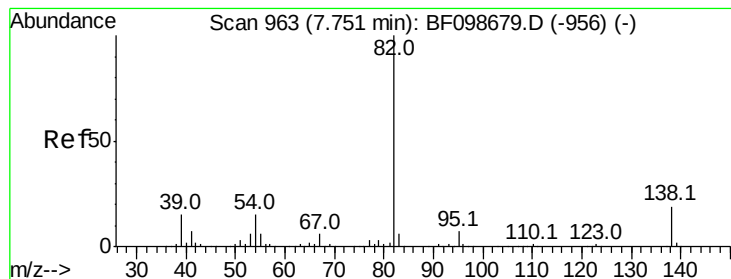
Tot Ion: 82 Resp: 629480
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 49.3 41.4 62.2



#24
 Nitrobenzene
 Concen: 40.682 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion: 77 Resp: 348935
 Ion Ratio Lower Upper
 77 100
 123 47.7 37.9 56.9
 65 13.5 11.0 16.4





#25

Isophorone

Concen: 39.529 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

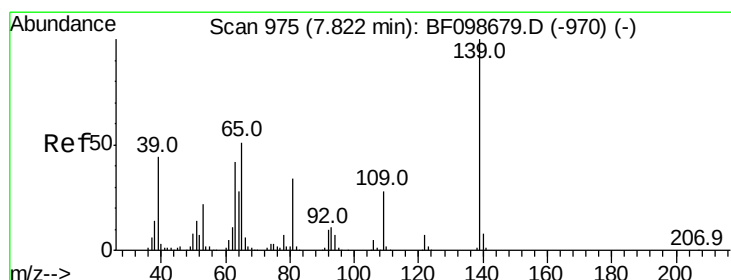
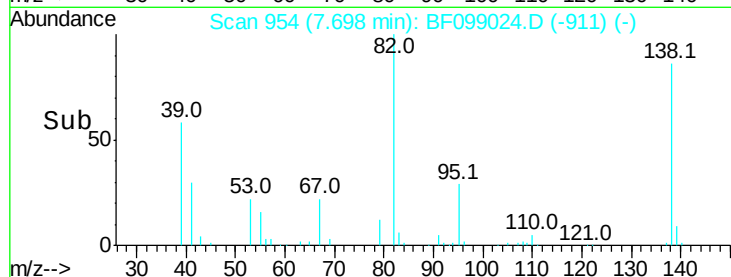
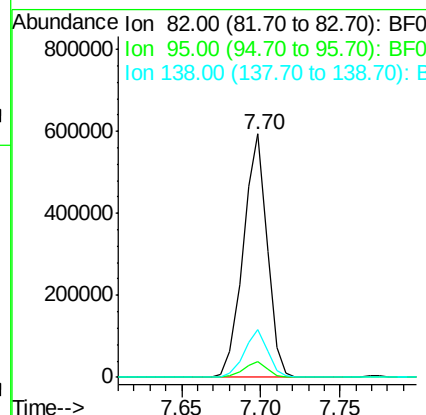
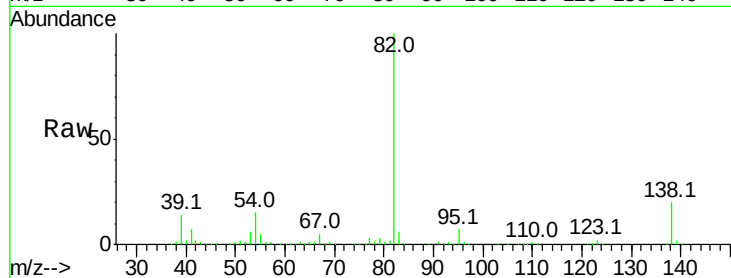
Tot Ion: 82 Resp: 617945

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 19.6 14.9 22.3



#26

2-Nitrophenol

Concen: 45.594 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

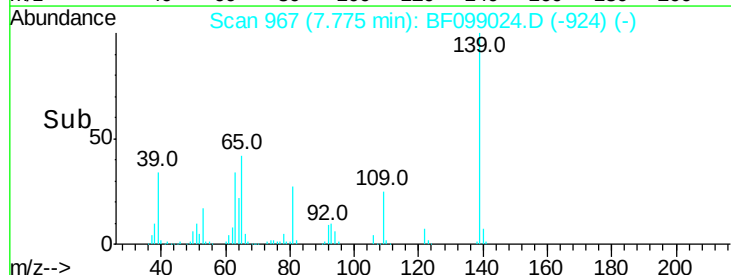
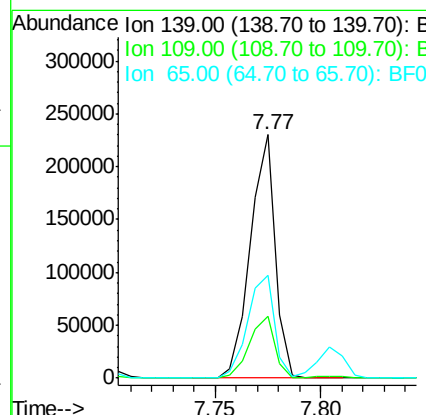
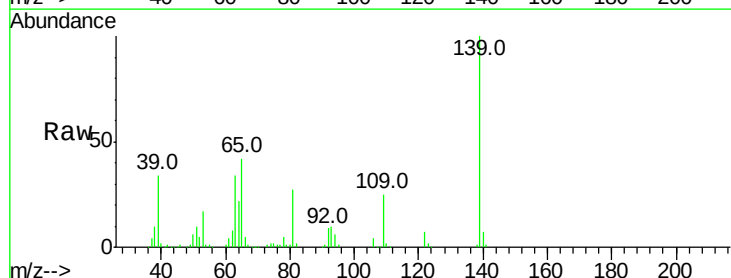
Tgt Ion: 139 Resp: 188054

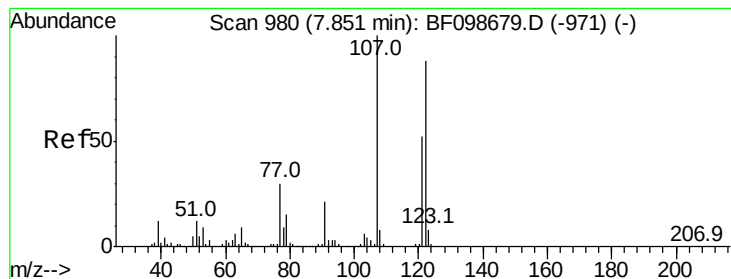
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 42.2 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 40.608 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

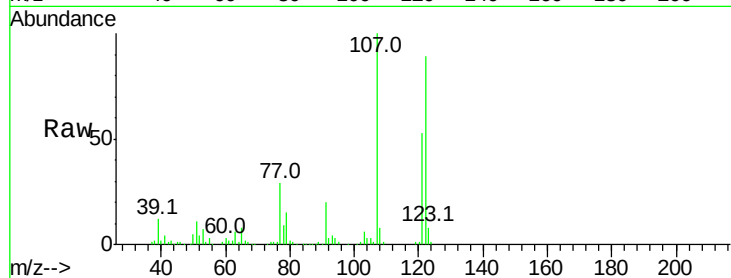
Tot Ion:122 Resp: 316310

Ion Ratio Lower Upper

122 100

107 112.1 91.2 136.8

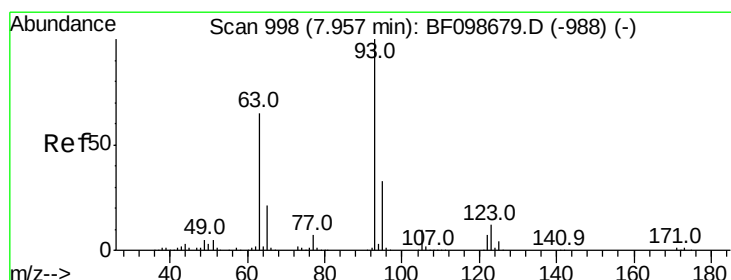
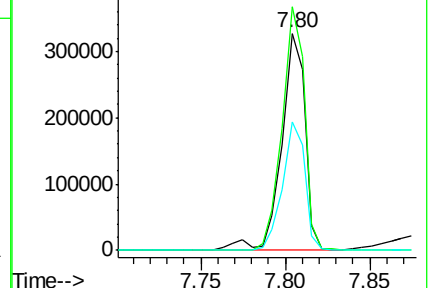
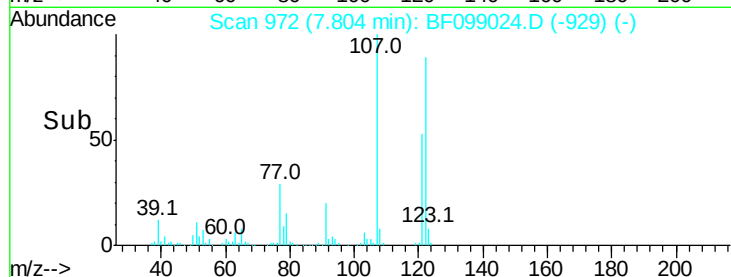
121 59.2 47.2 70.8



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: 40.833 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

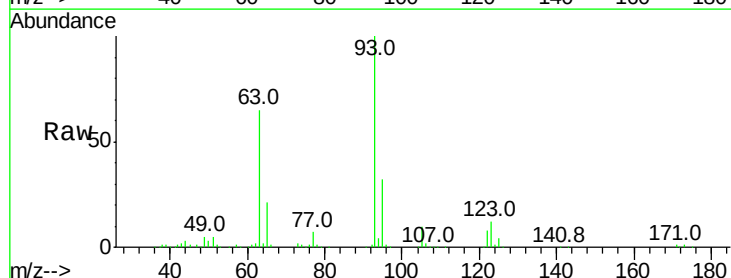
Tgt Ion: 93 Resp: 397797

Ion Ratio Lower Upper

93 100

95 32.2 26.3 39.5

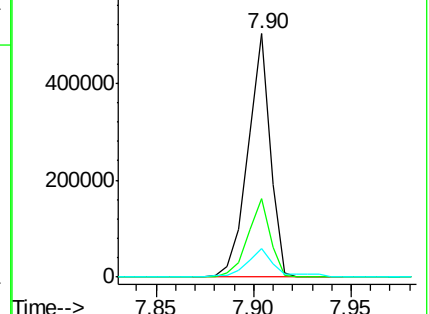
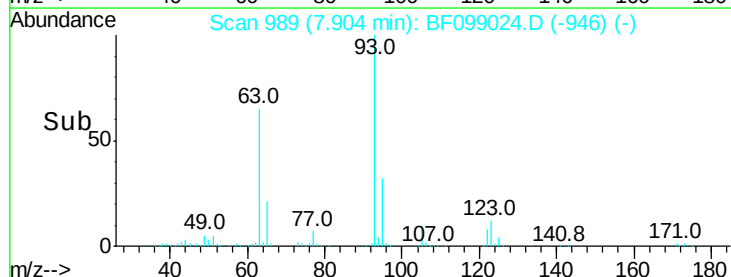
123 11.8 9.8 14.6

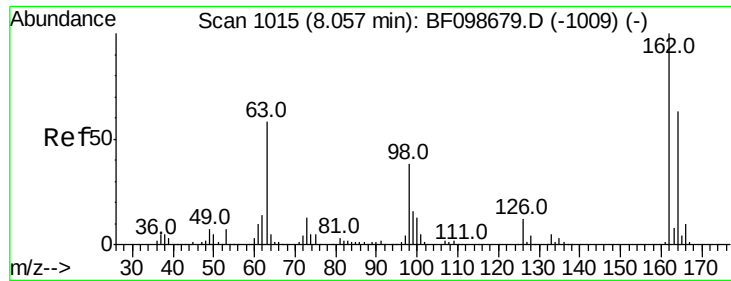


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

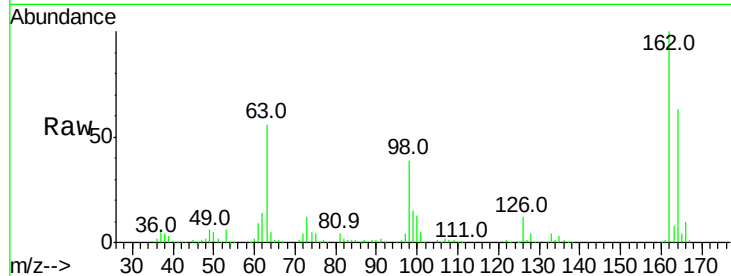




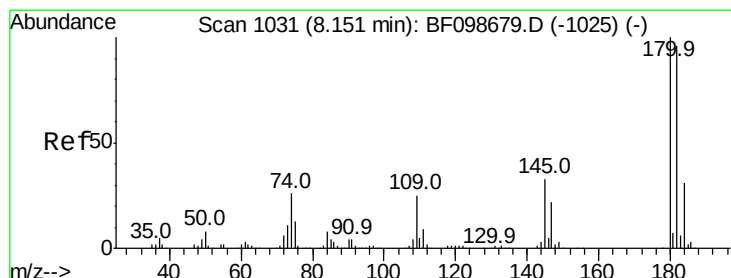
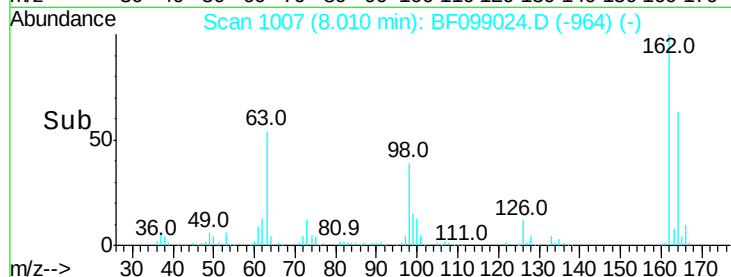
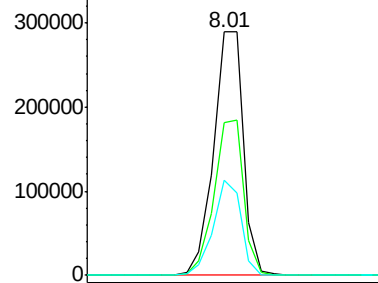
#29
2,4-Dichlorophenol
Concen: 42.161 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	42.7	82.7
98	39.0	18.1	58.1

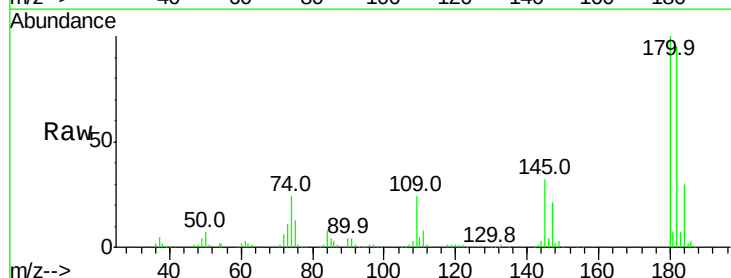


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

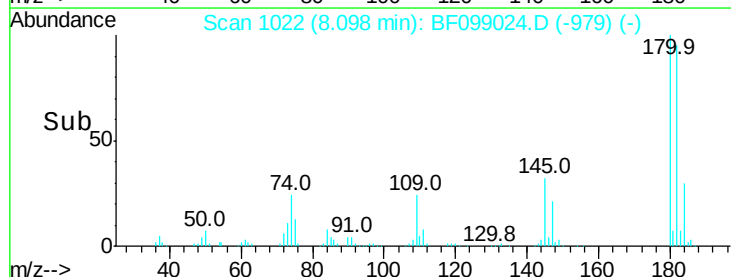
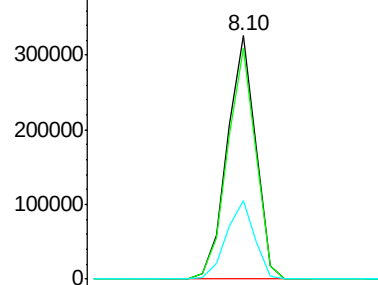


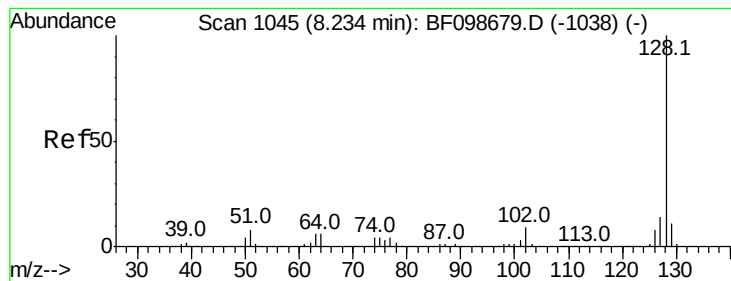
#30
1,2,4-Trichlorobenzene
Concen: 41.954 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	32.3	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: 41.214 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

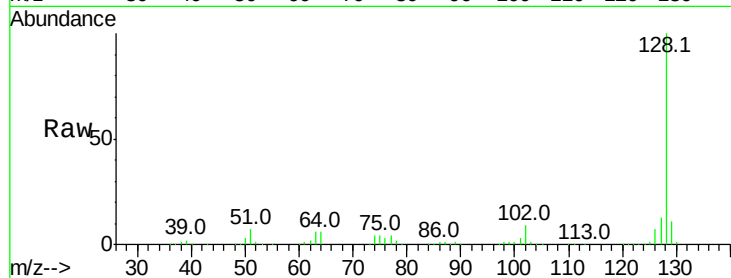
Tot Ion:128 Resp: 938593

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

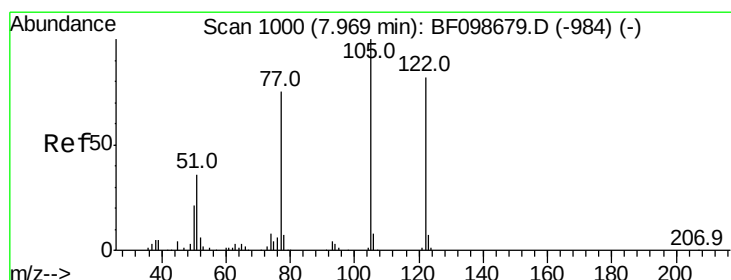
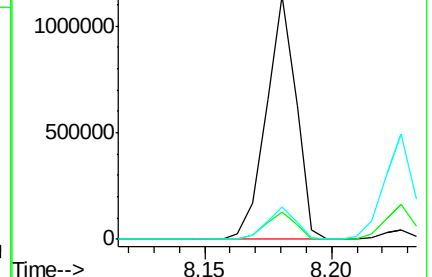
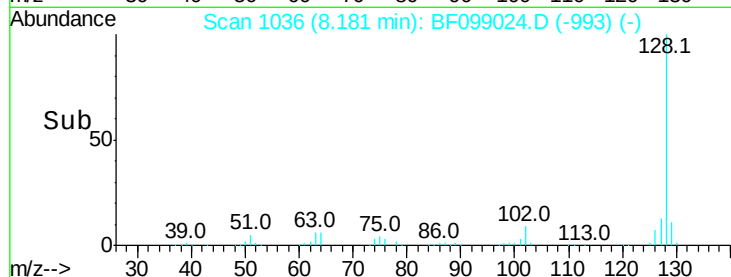
127 13.5 10.9 16.3



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: 34.019 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

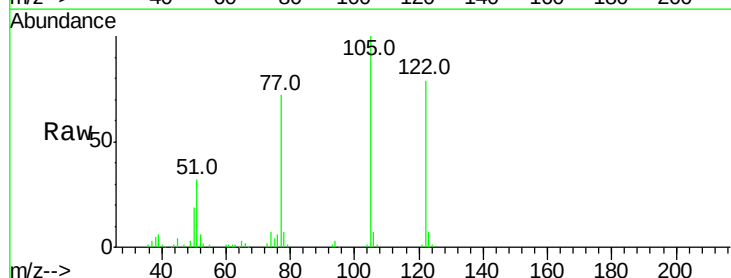
Tgt Ion:122 Resp: 217662

Ion Ratio Lower Upper

122 100

105 126.2 101.1 141.1

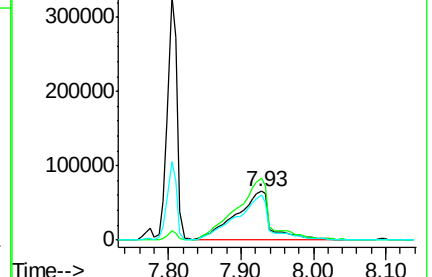
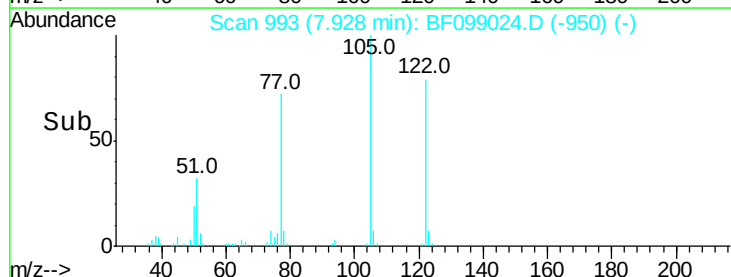
77 91.4 70.7 110.7

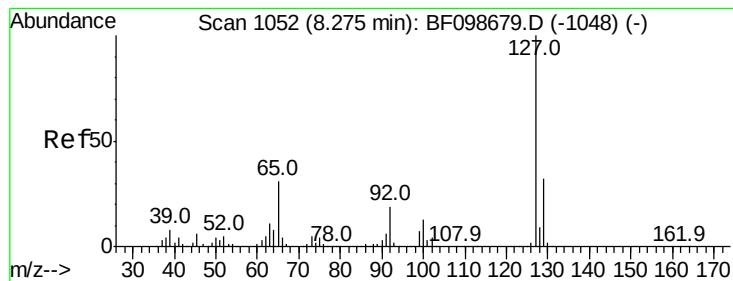


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 41.207 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:127 Resp: 391893

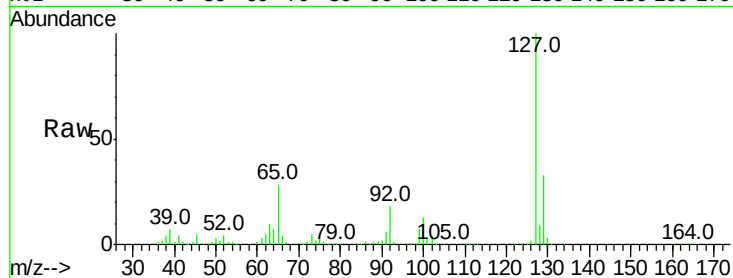
Ion Ratio Lower Upper

127 100

129 32.7 25.9 38.9

65 28.0 25.0 37.4

92 18.3 15.2 22.8

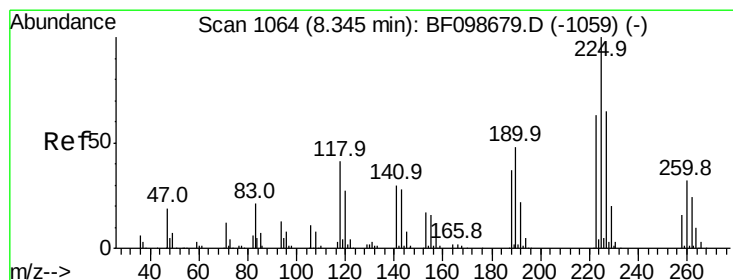
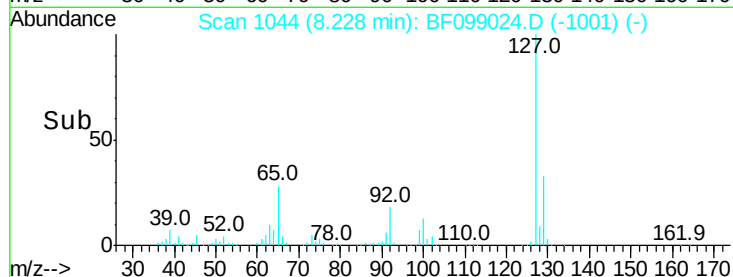
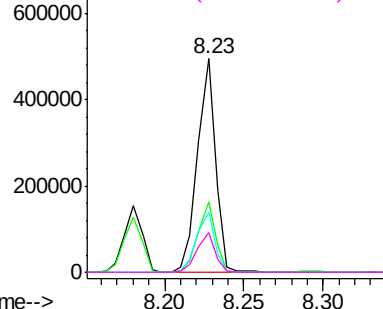


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 40.969 ng

RT: 8.29 min Scan# 1055

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

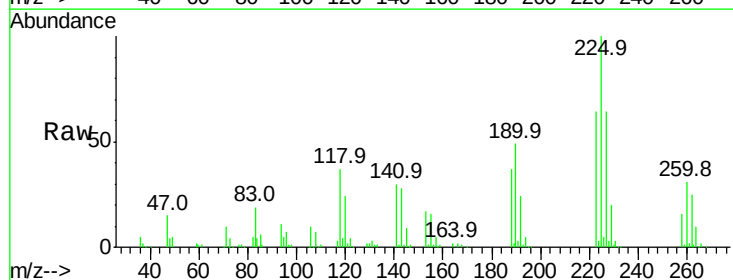
Tgt Ion:225 Resp: 141144

Ion Ratio Lower Upper

225 100

223 64.4 50.6 76.0

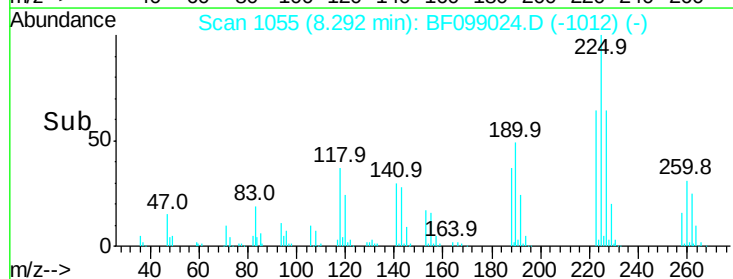
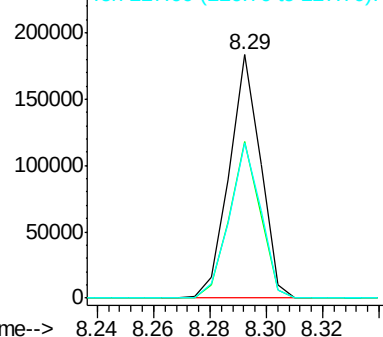
227 64.0 51.9 77.9

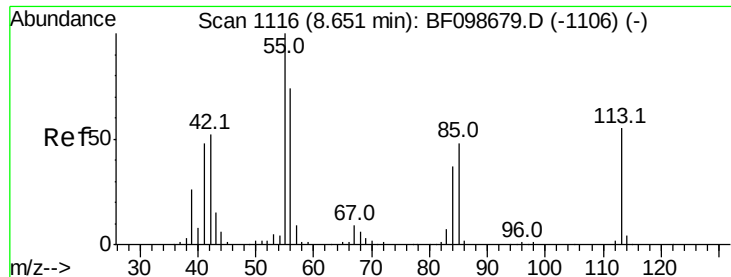


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.568 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

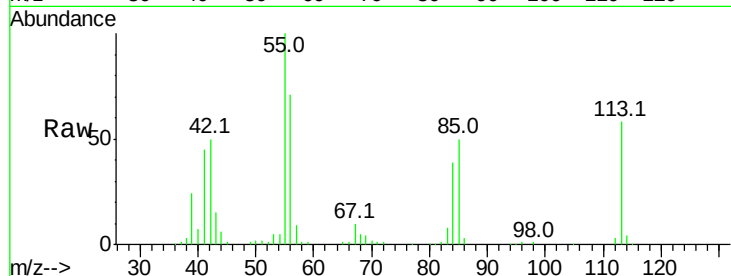
Tot Ion:113 Resp: 89172

Ion Ratio Lower Upper

113 100

55 173.6 163.3 203.3

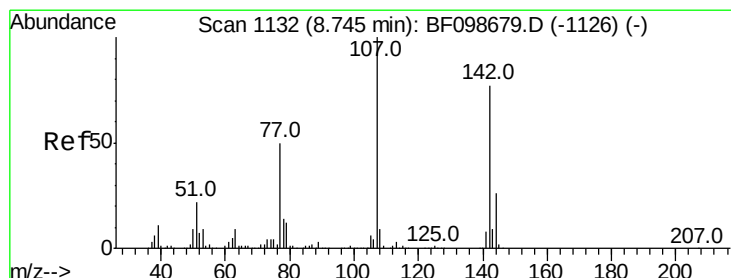
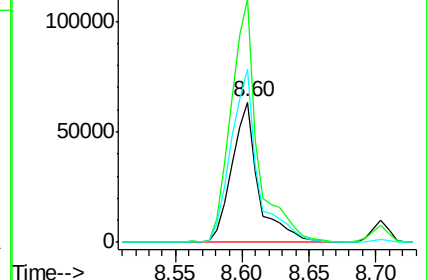
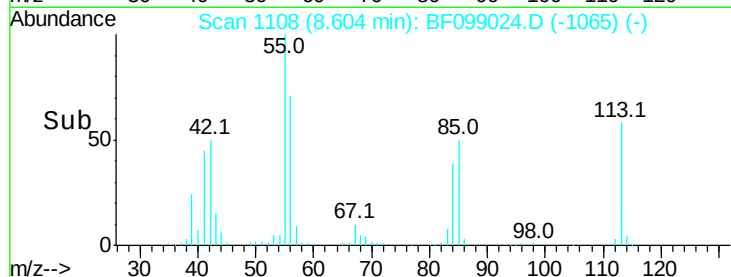
56 123.5 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 40.695 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

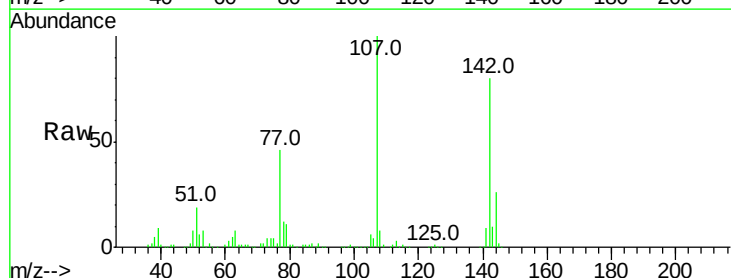
Tgt Ion:107 Resp: 305901

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

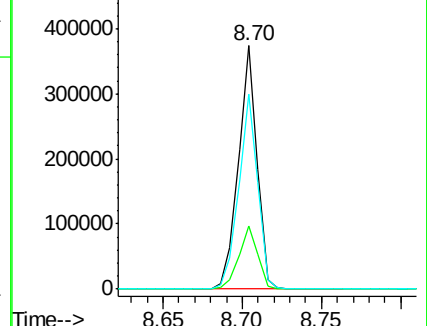
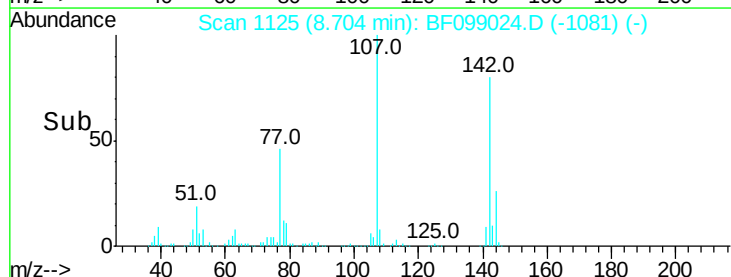
142 79.9 62.0 93.0

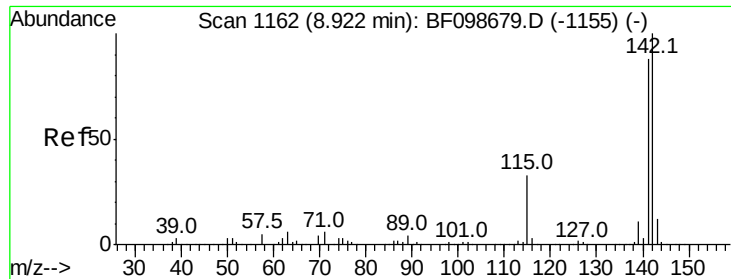


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

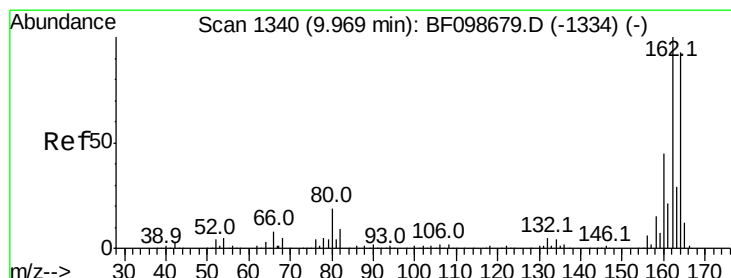
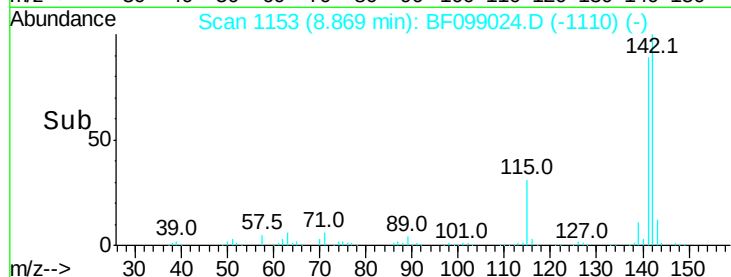
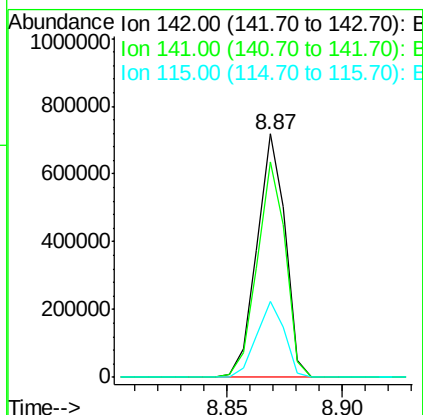
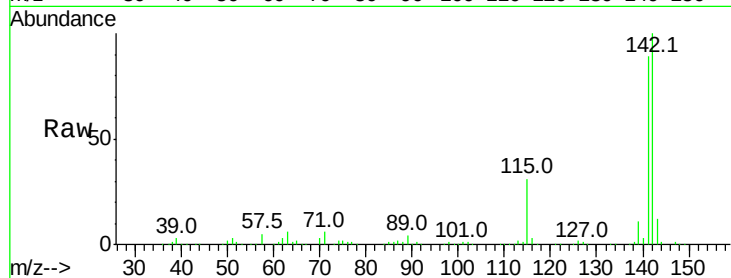




#37
 2-Methylnaphthalene
 Concen: 41.557 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

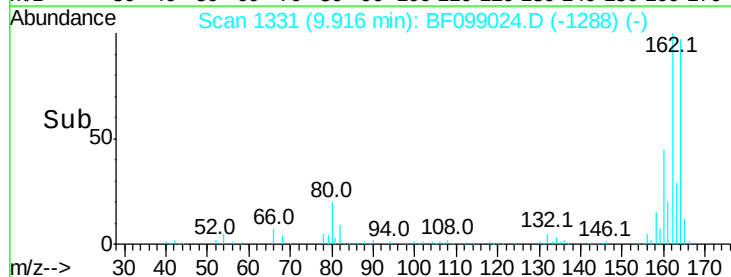
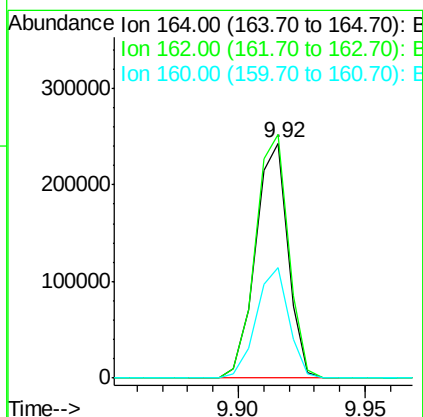
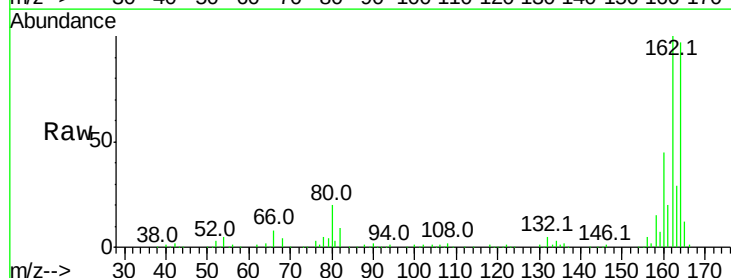
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

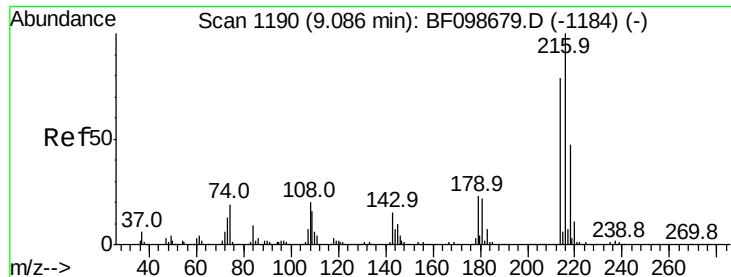
Tot Ion:142 Resp: 615242
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 31.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:164 Resp: 218567
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.1 129.1
 160 47.1 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.465 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 276802

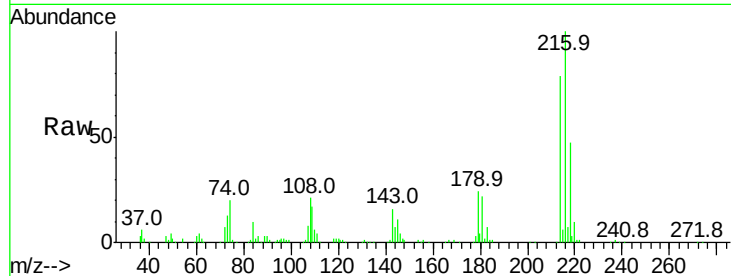
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 22.5 18.1 27.1

108 20.5 17.2 25.8

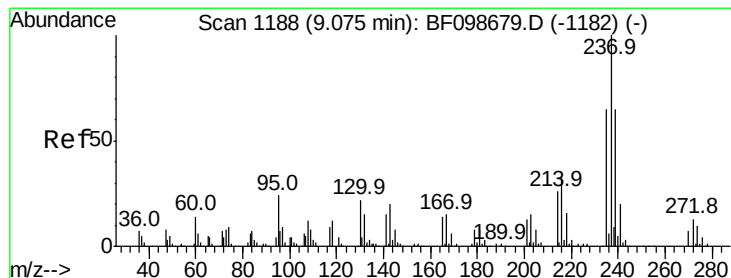
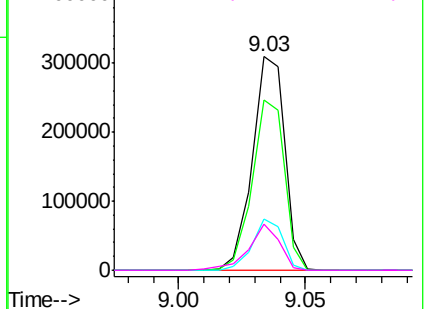
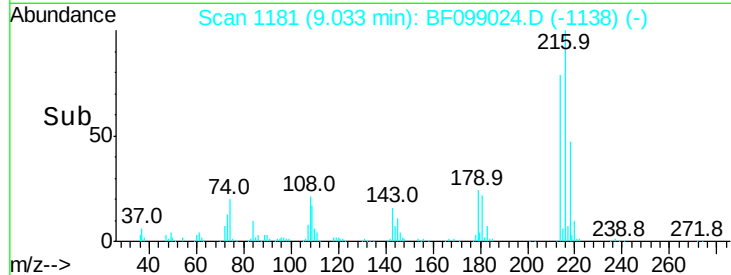


Abundance Ion 216.00 (215.70 to 216.70): E

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: 36.724 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

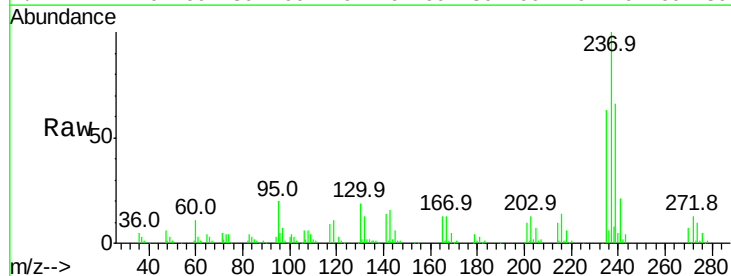
Tgt Ion:237 Resp: 109396

Ion Ratio Lower Upper

237 100

235 63.4 44.8 84.8

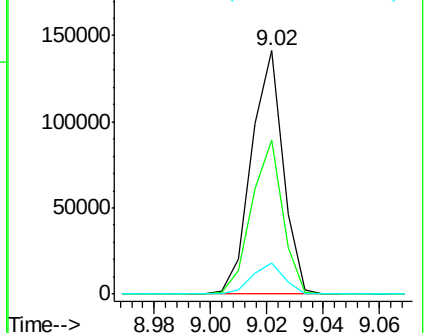
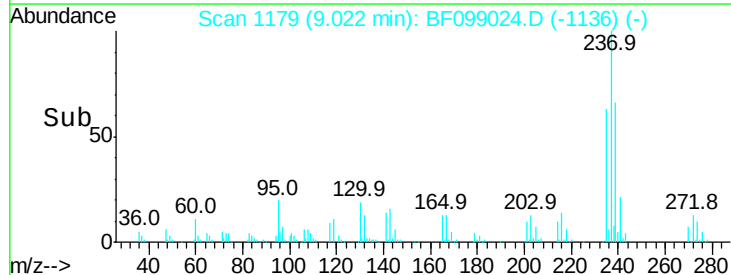
272 13.0 0.0 33.3

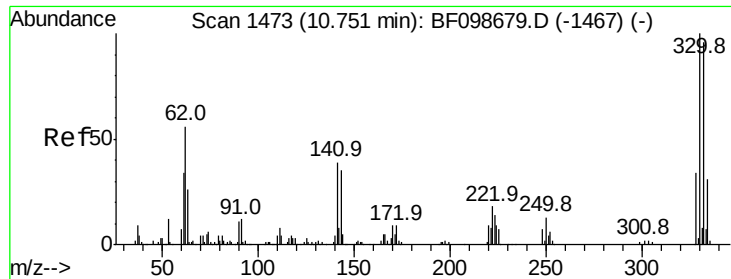


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

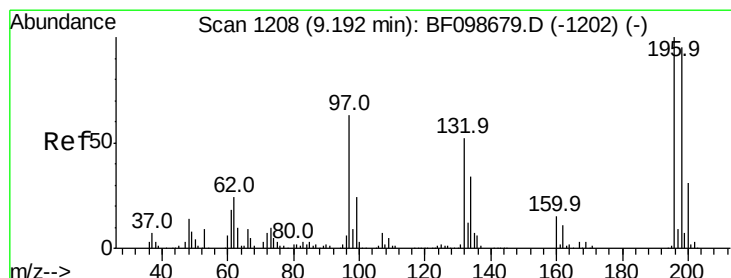
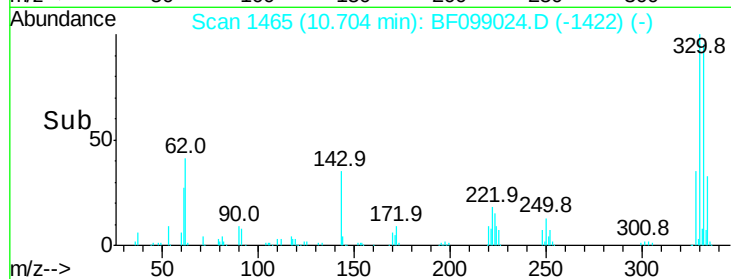
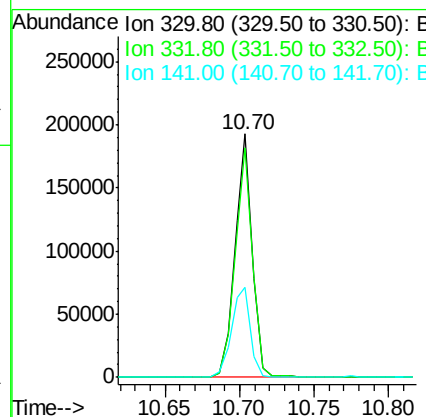
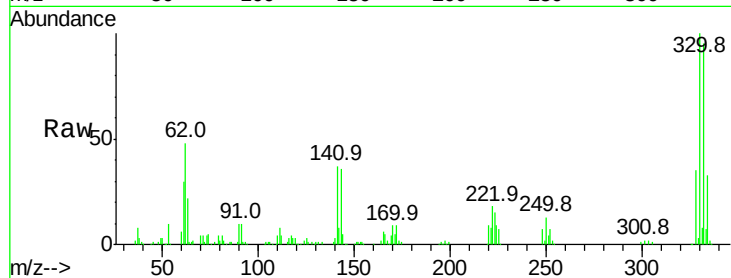




#41
 2,4,6-Tribromophenol
 Concen: 88.174 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

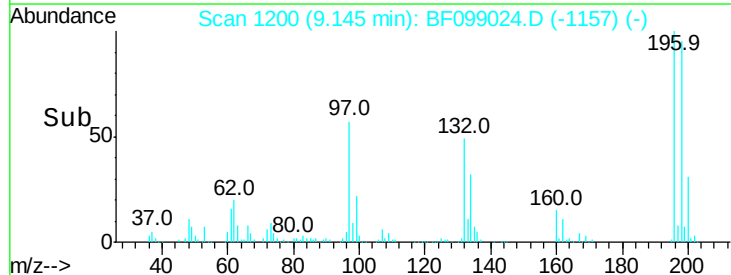
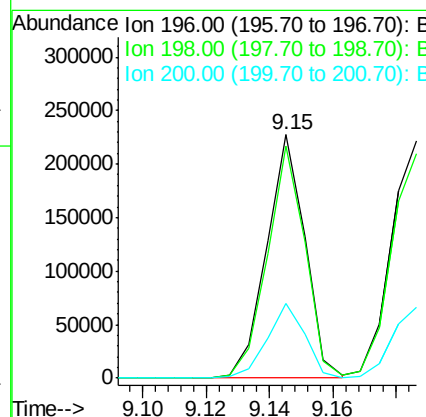
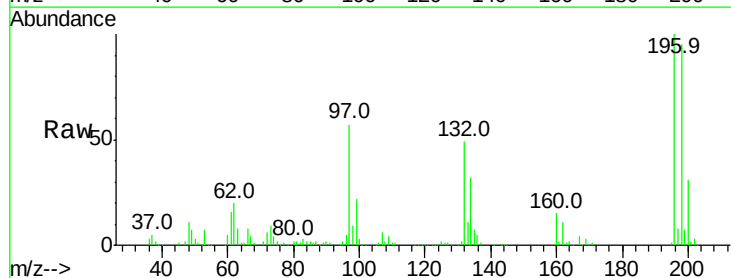
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

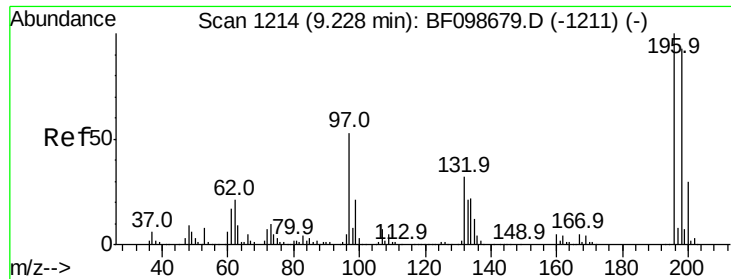
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	41.0	29.9	44.9



#42
 2,4,6-Trichlorophenol
 Concen: 41.308 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
200	30.6	24.5	36.7

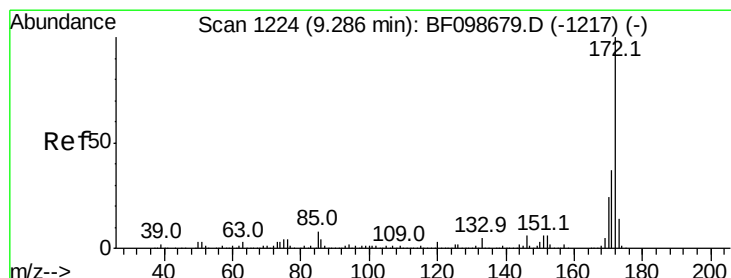
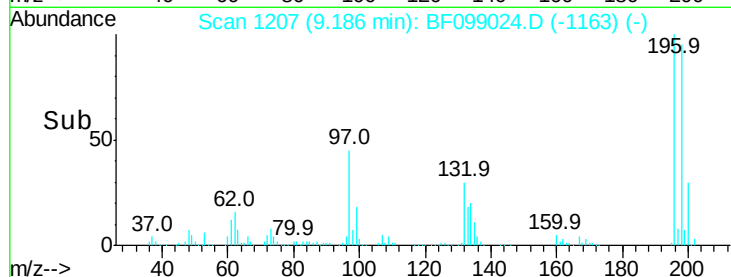
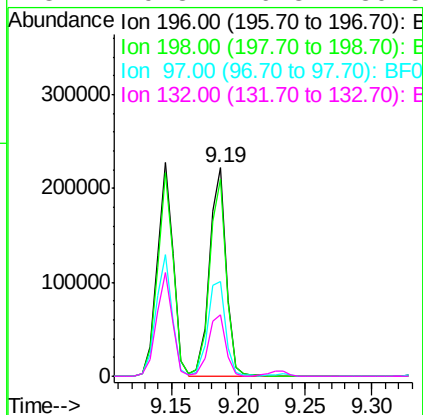
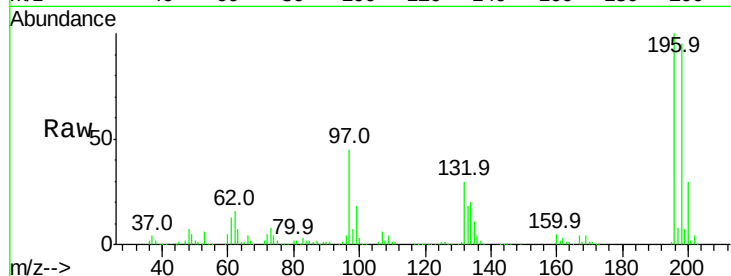




#43
 2,4,5-Trichlorophenol
 Concen: 42.434 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

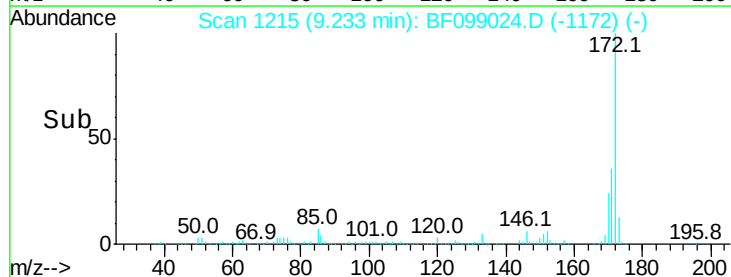
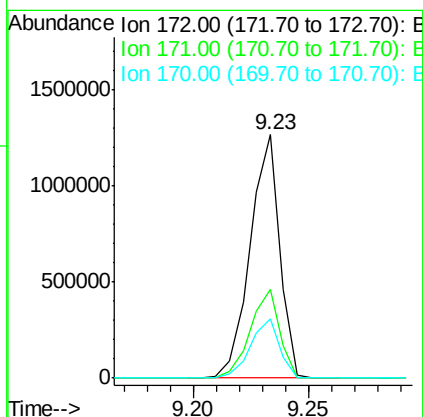
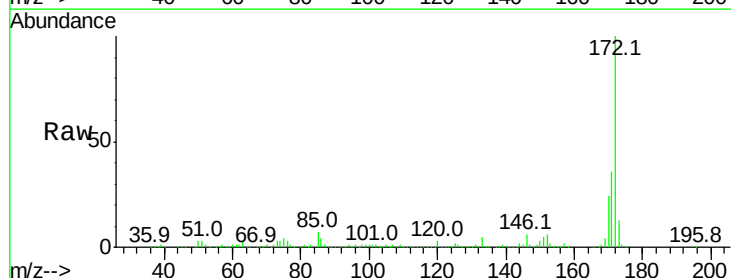
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

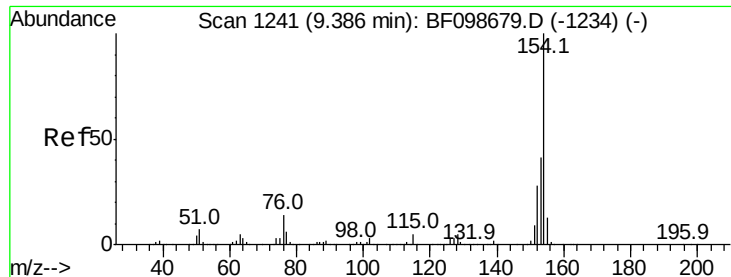
Tot Ion:	196	Resp:	195608
Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	45.4	42.9	64.3
132	29.8	26.3	39.5



#44
 2-Fluorobiphenyl
 Concen: 86.492 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:	172	Resp:	1132395
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.084 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

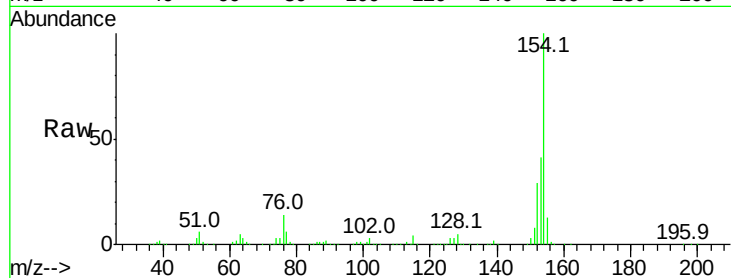
Tot Ion:154 Resp: 790533

Ion Ratio Lower Upper

154 100

153 41.3 21.3 61.3

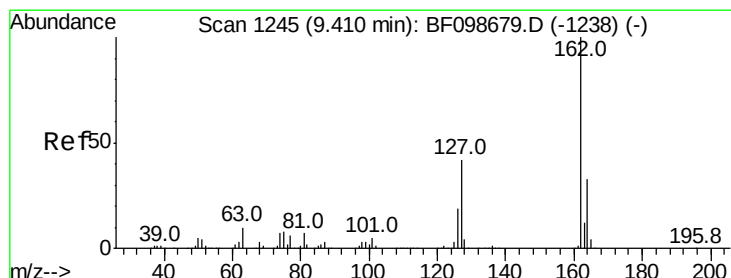
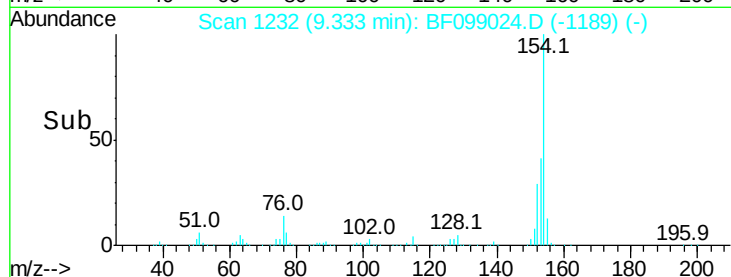
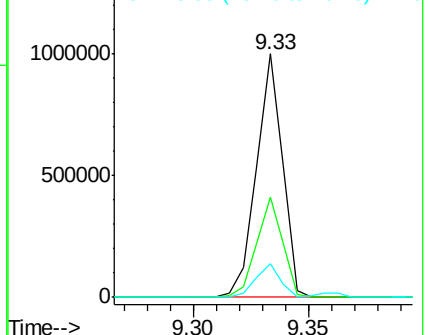
76 13.6 0.0 34.0



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): BF0



#46

2-Chloronaphthalene

Concen: 42.062 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

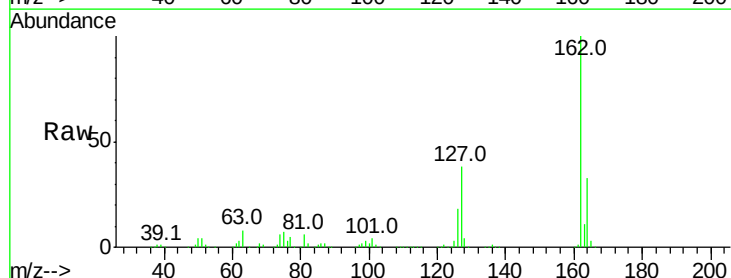
Tgt Ion:162 Resp: 593237

Ion Ratio Lower Upper

162 100

127 38.4 33.9 50.9

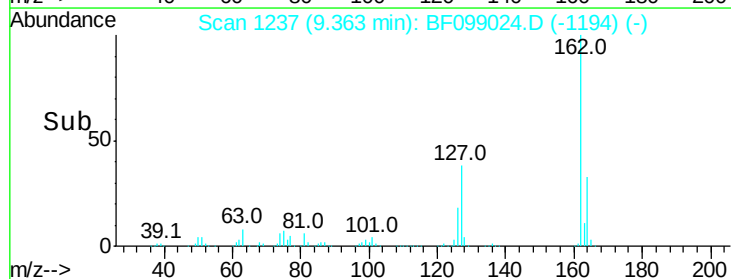
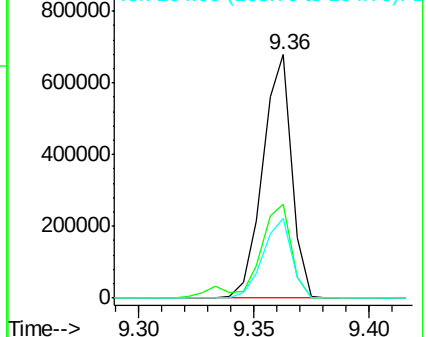
164 32.7 26.5 39.7

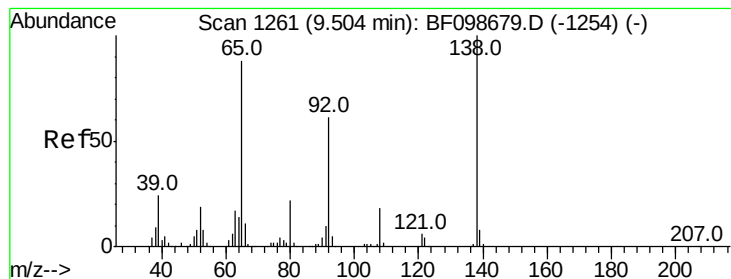


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.926 ng

RT: 9.46 min Scan# 1253

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

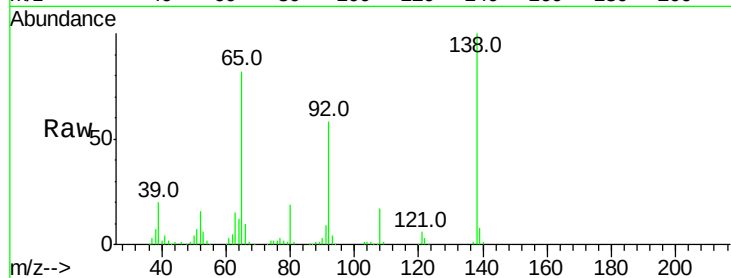
Tot Ion: 65 Resp: 181062

Ion Ratio Lower Upper

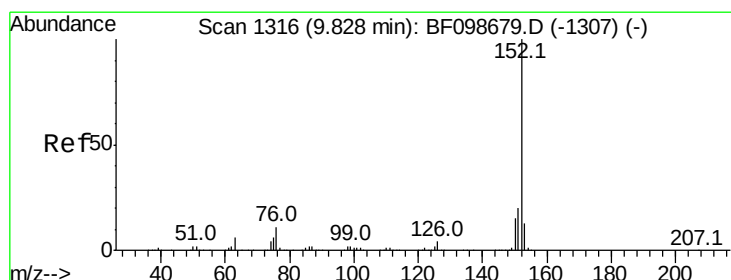
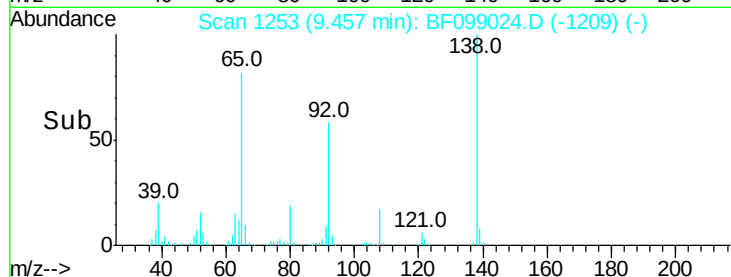
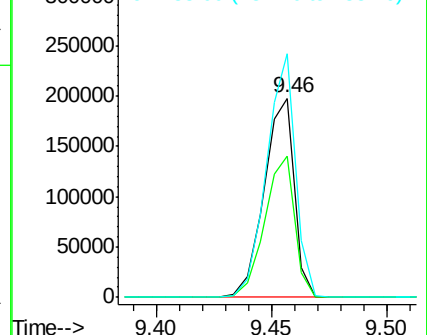
65 100

92 71.2 55.8 83.6

138 122.2 91.2 136.8



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



#48

Acenaphthylene

Concen: 42.460 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

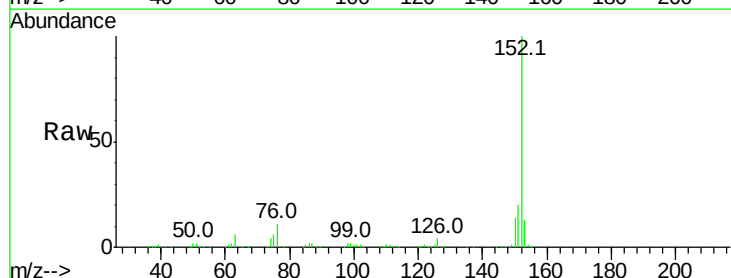
Tgt Ion: 152 Resp: 916733

Ion Ratio Lower Upper

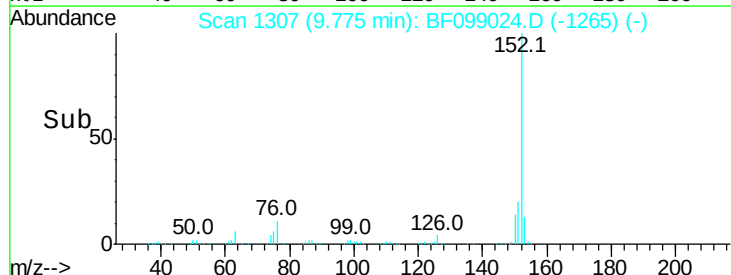
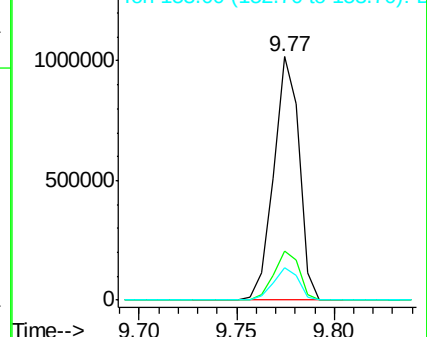
152 100

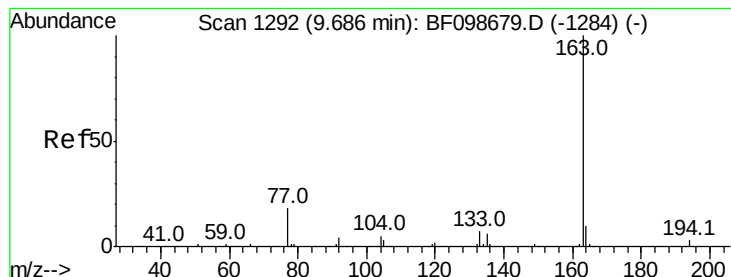
151 20.1 16.3 24.5

153 13.5 10.7 16.1



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





#49

Dimethylphthalate

Concen: 42.437 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

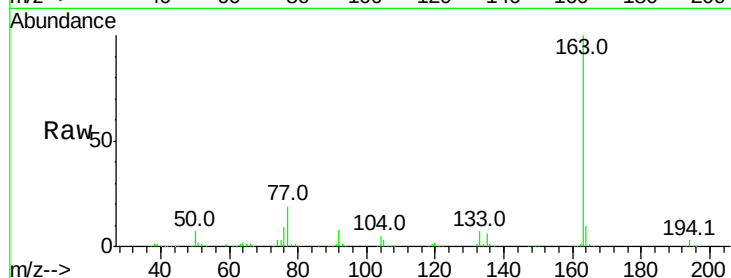
Tot Ion:163 Resp: 700048

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

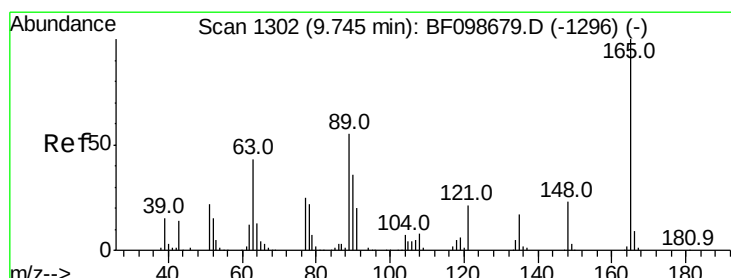
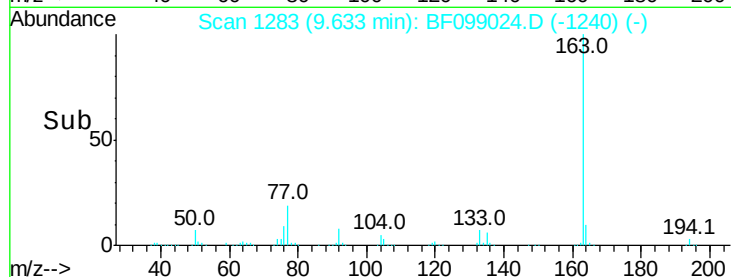
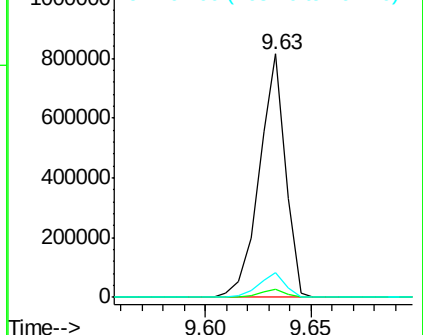
164 10.0 8.2 12.2



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: 44.056 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

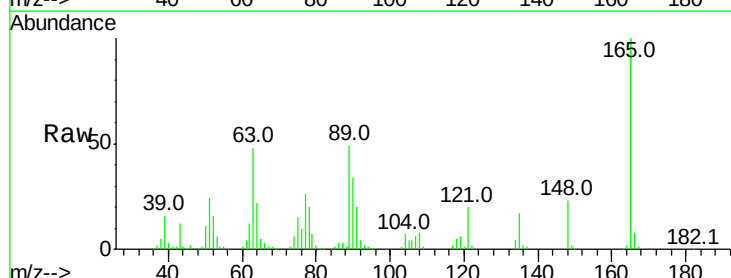
Tgt Ion:165 Resp: 158220

Ion Ratio Lower Upper

165 100

63 48.5 44.7 67.1

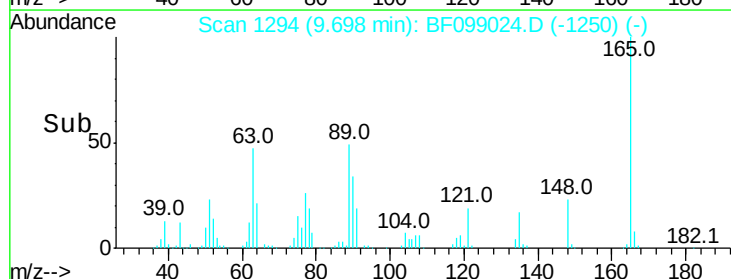
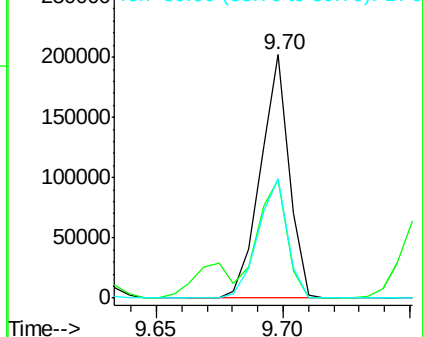
89 49.0 44.0 66.0

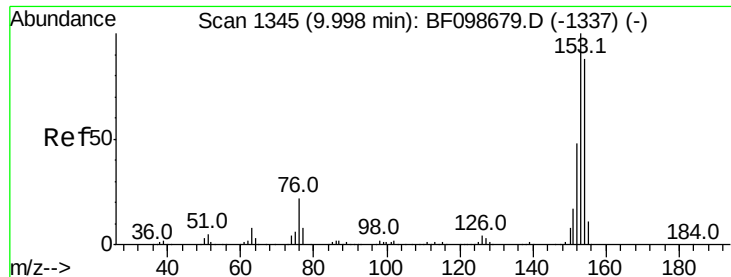


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.200 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

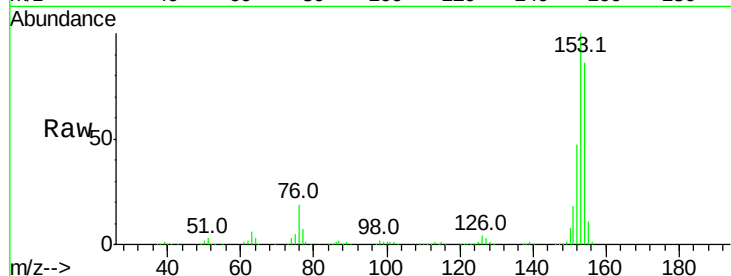
Tot Ion:154 Resp: 549802

Ion Ratio Lower Upper

154 100

153 115.9 91.2 136.8

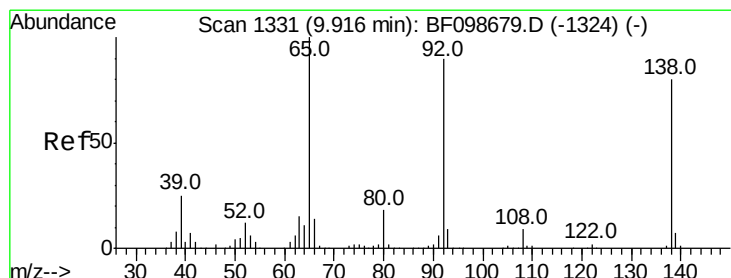
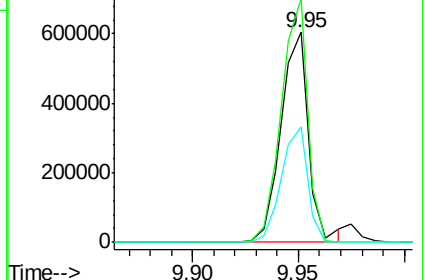
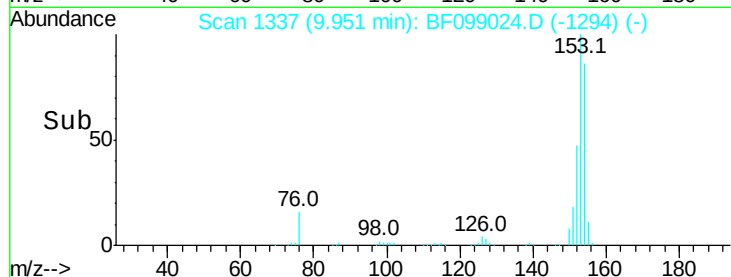
152 55.0 43.8 65.8



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: 43.544 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

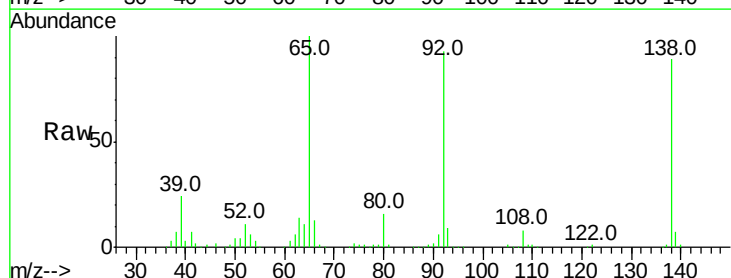
Tgt Ion:138 Resp: 182340

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

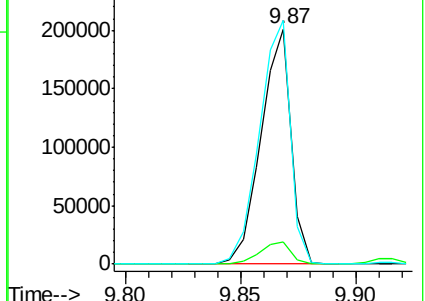
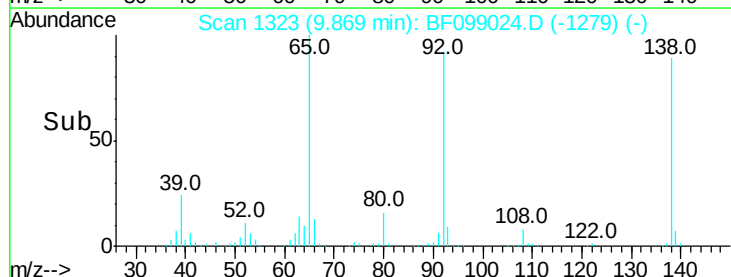
92 103.6 89.4 134.2

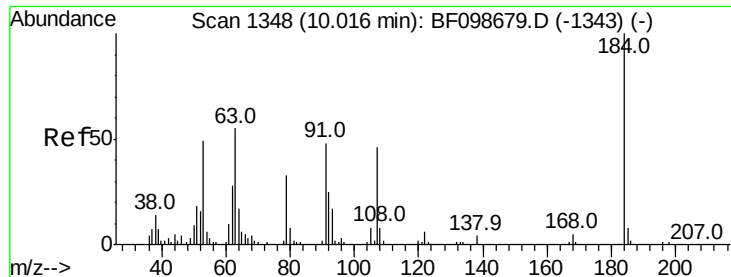


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

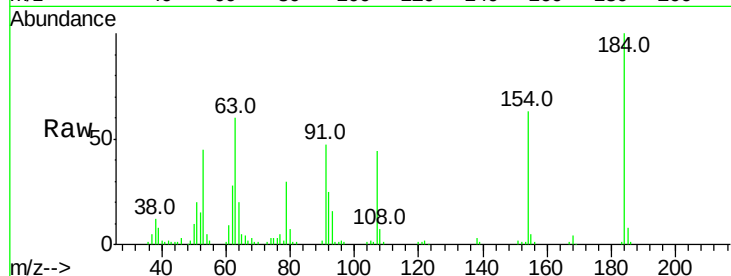




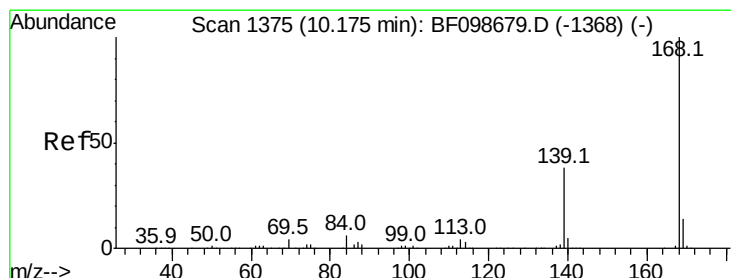
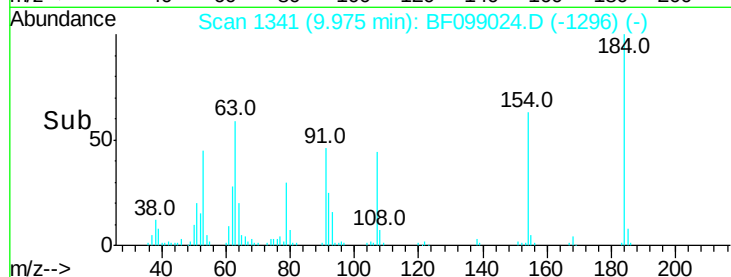
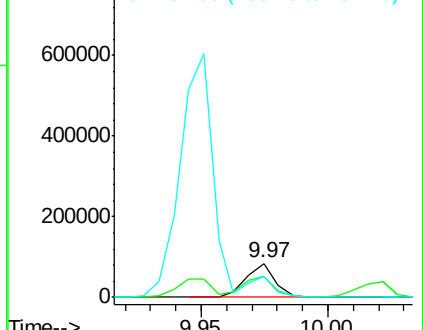
#53
 2,4-Dinitrophenol
 Concen: 39.478 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:184 Resp: 67861
 Ion Ratio Lower Upper
 184 100
 63 60.3 54.2 81.2
 154 63.1 53.5 80.3

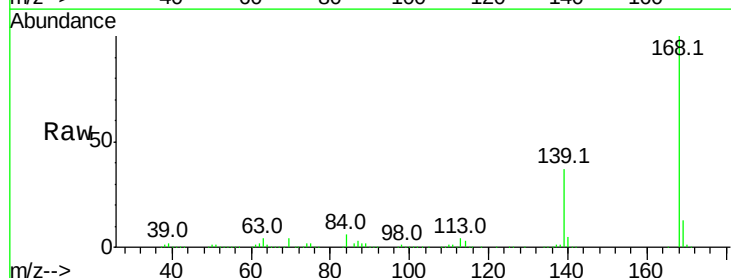


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

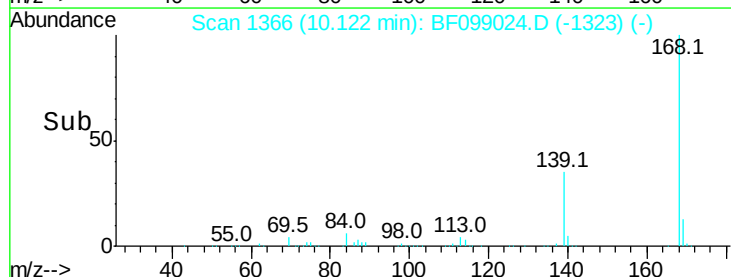
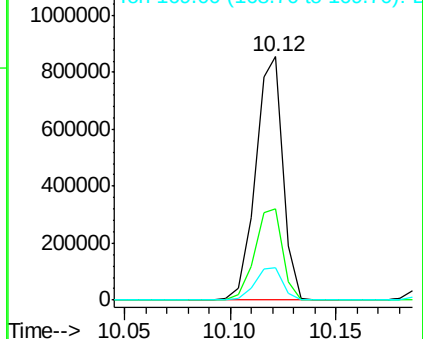


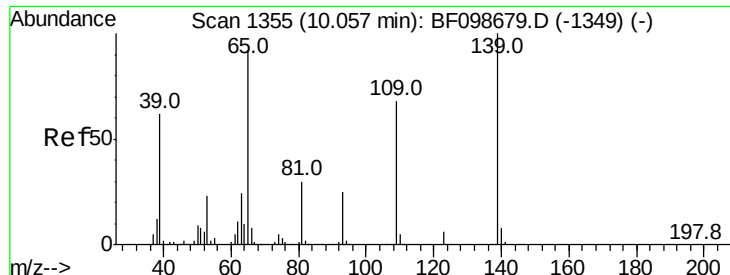
#54
 Dibenzofuran
 Concen: 42.163 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:168 Resp: 767784
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.1 45.1
 169 13.4 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: 39.856 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

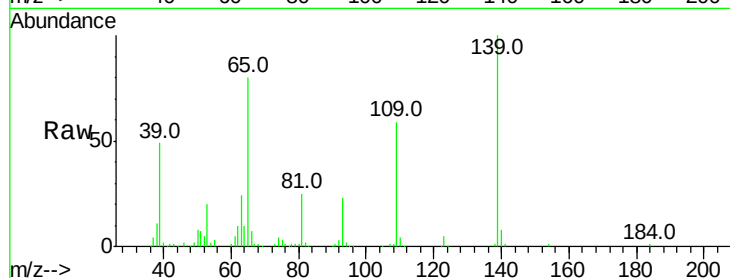
Tot Ion:139 Resp: 141123

Ion Ratio Lower Upper

139 100

109 58.9 48.4 88.4

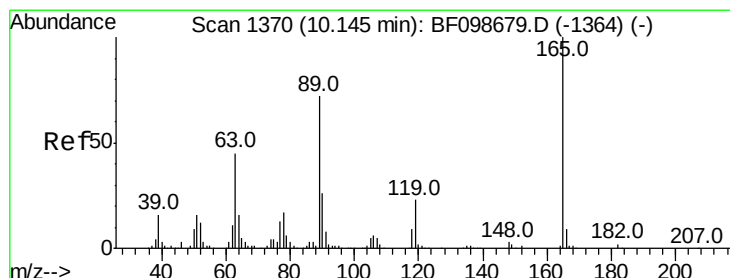
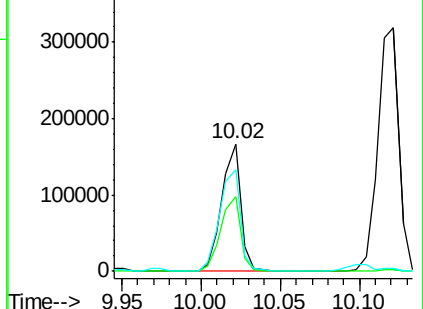
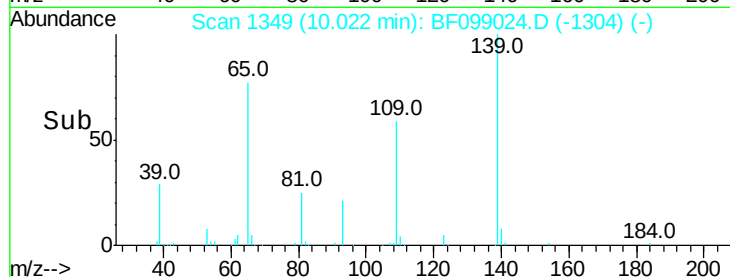
65 79.6 72.6 112.6



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): BF0



#56

2,4-Dinitrotoluene

Concen: 45.201 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Tgt Ion:165 Resp: 210677

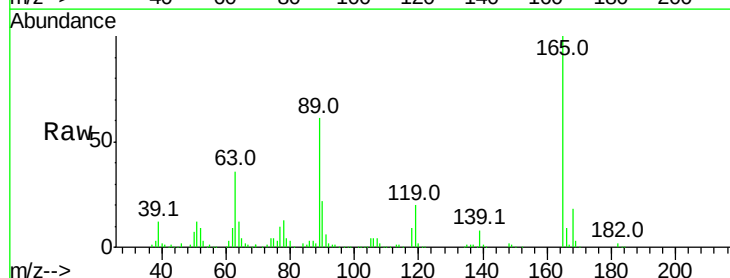
Ion Ratio Lower Upper

165 100

63 36.0 36.4 54.6#

89 61.4 57.8 86.6

182 2.3 1.6 2.4

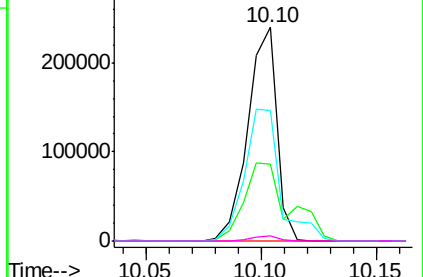
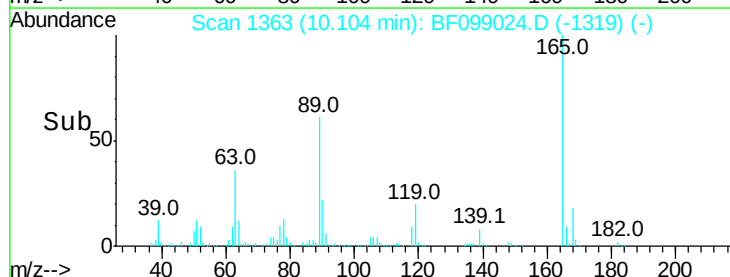


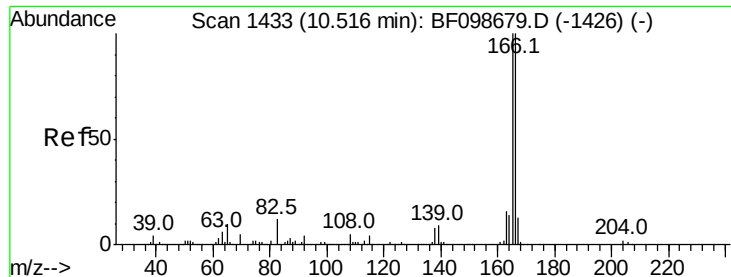
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

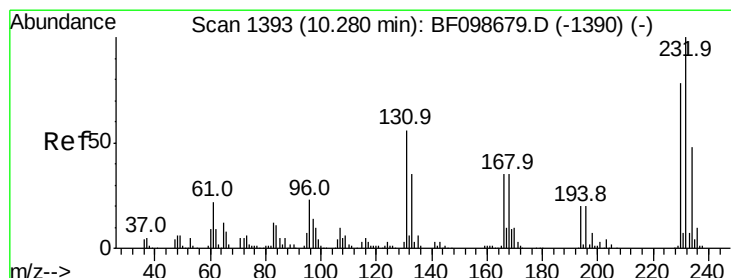
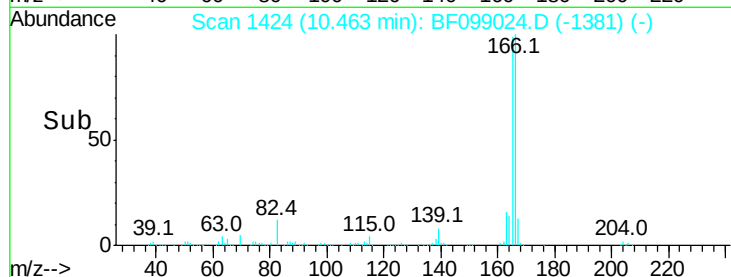
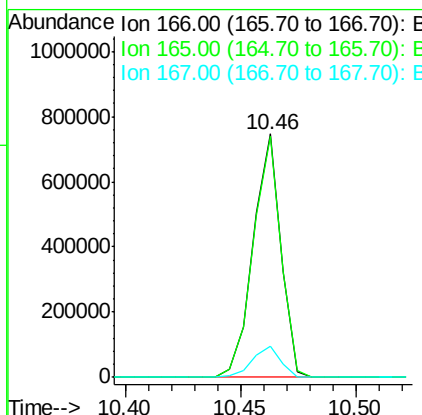
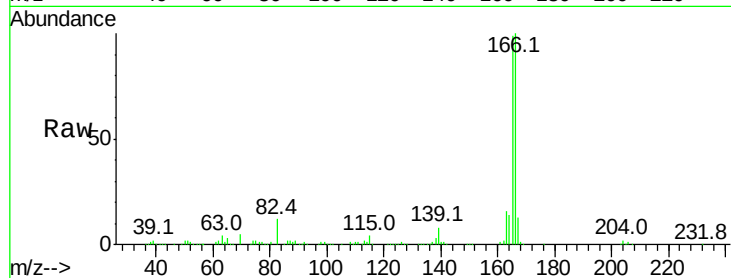




#57
 Fluorene
 Concen: 42.779 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

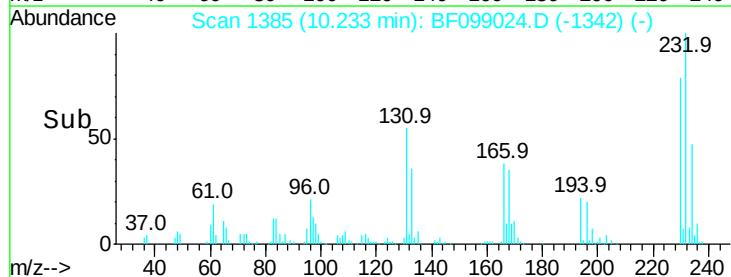
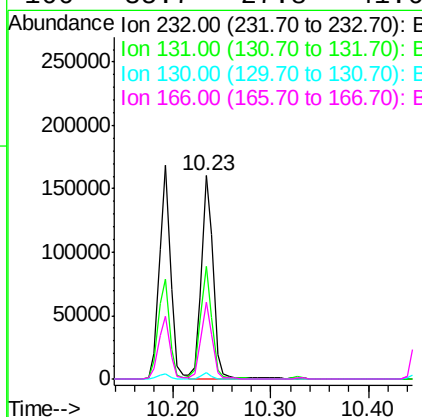
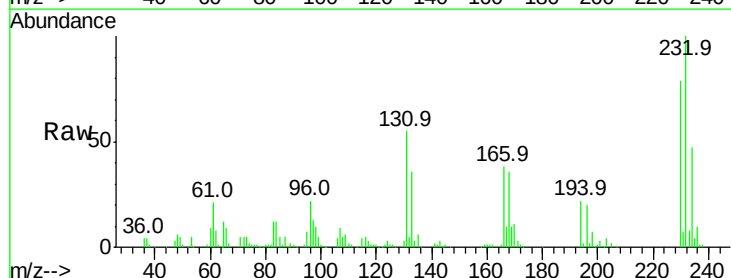
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

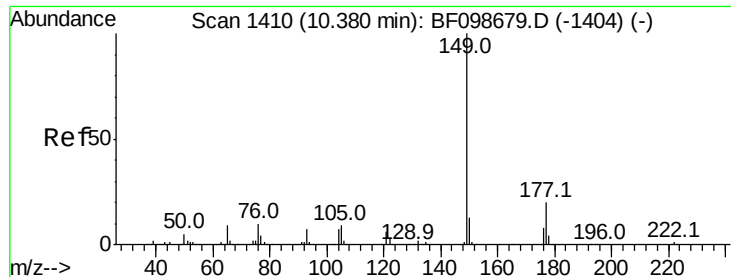
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	13.0	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.783 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.3	43.8	65.8
130	2.7	2.1	3.1
166	35.7	27.8	41.6

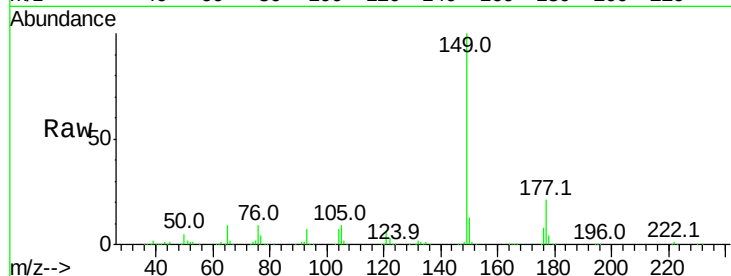




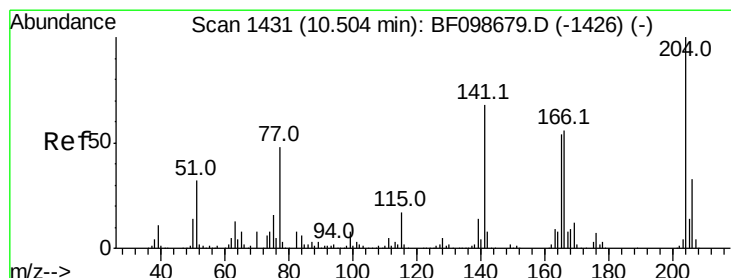
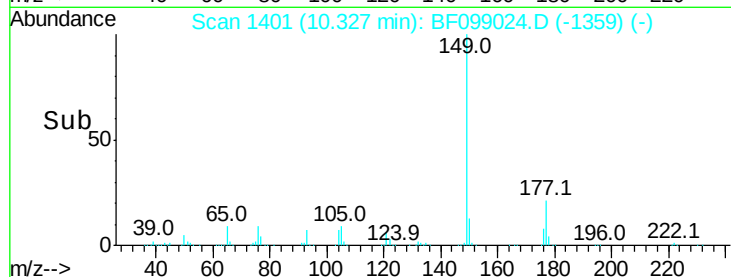
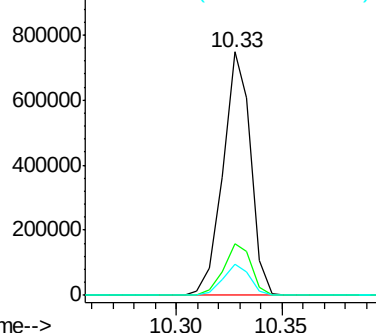
#59
Diethylphthalate
Concen: 42.208 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 680357
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.7 10.1 15.1

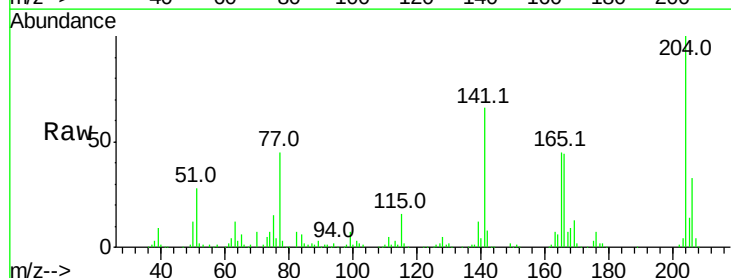


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

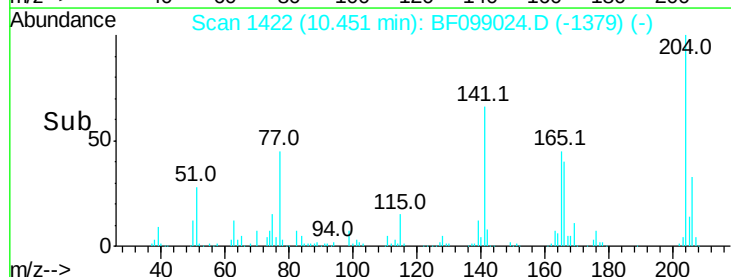
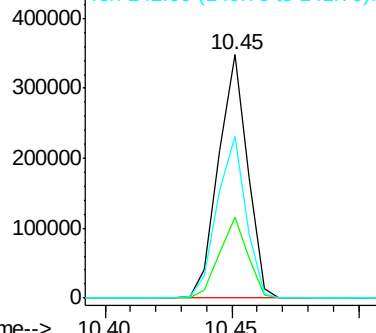


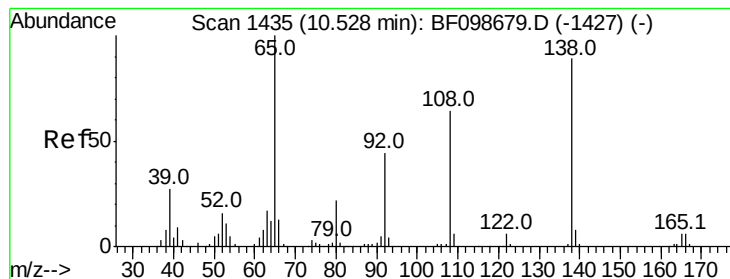
#60
4-Chlorophenyl-phenylether
Concen: 42.275 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion:204 Resp: 277945
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 66.3 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: 44.225 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

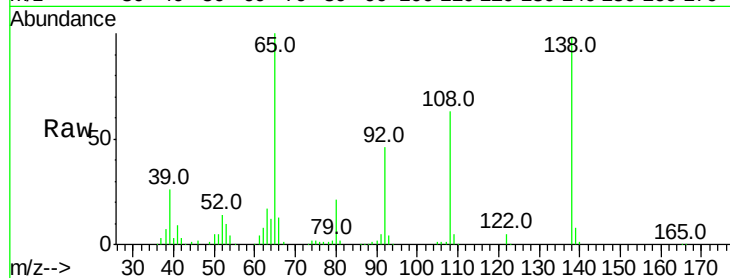
Tot Ion:138 Resp: 178668

Ion Ratio Lower Upper

138 100

92 46.7 30.2 70.2

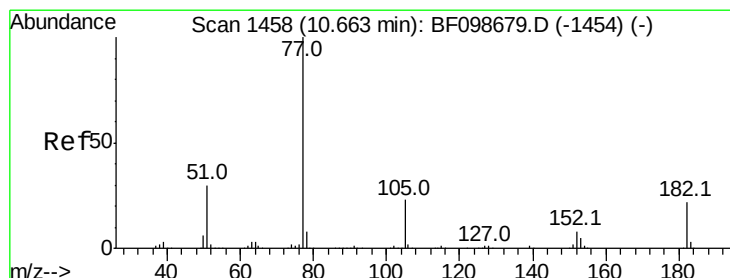
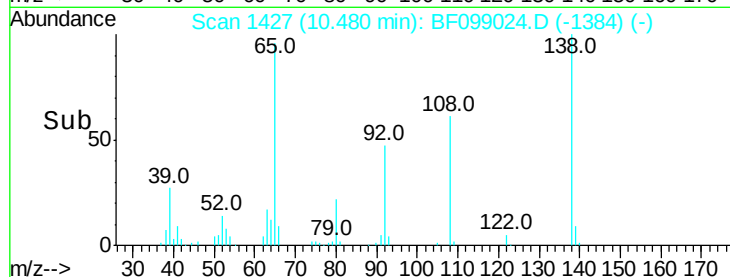
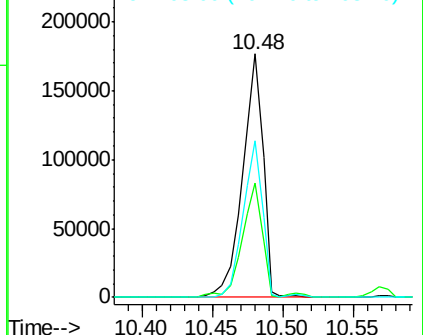
108 64.1 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.835 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Tgt Ion: 77 Resp: 605226

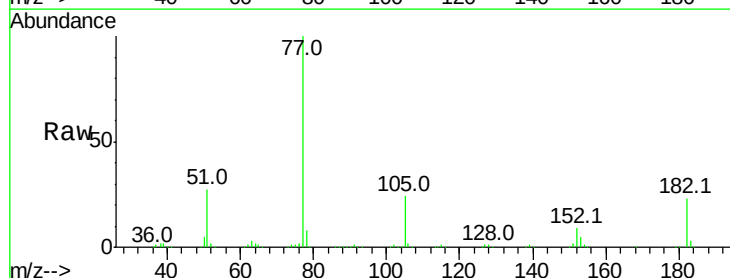
Ion Ratio Lower Upper

77 100

182 22.6 1.7 41.7

105 23.9 3.0 43.0

51 27.2 9.9 49.9

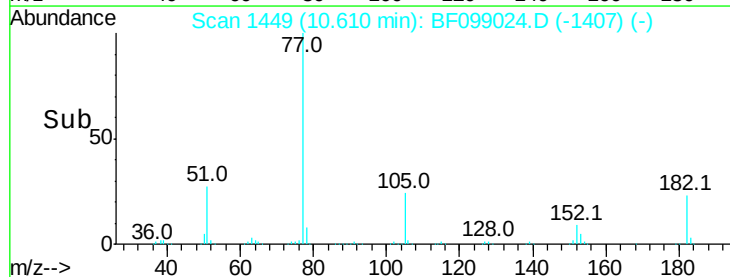
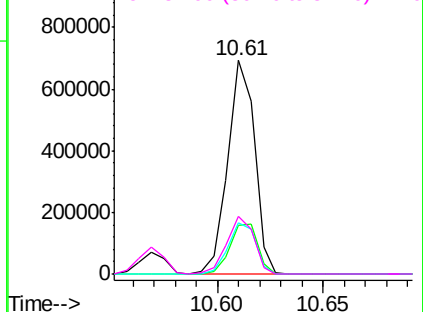


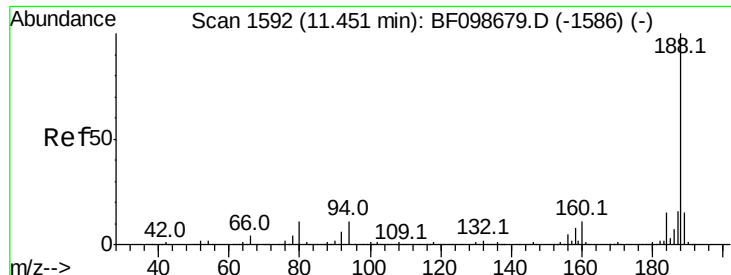
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

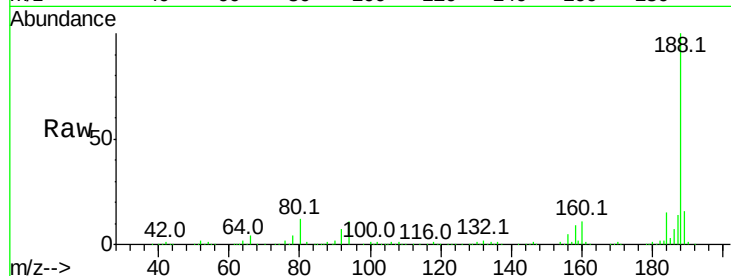
Tot Ion:188 Resp: 389173

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

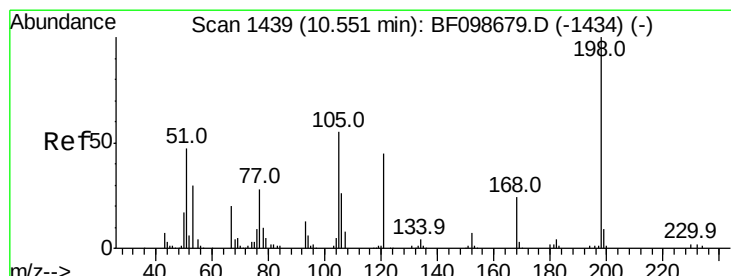
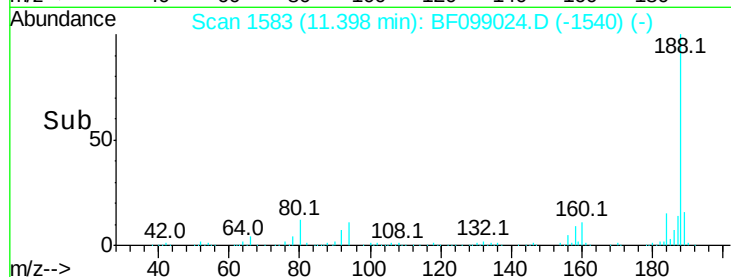
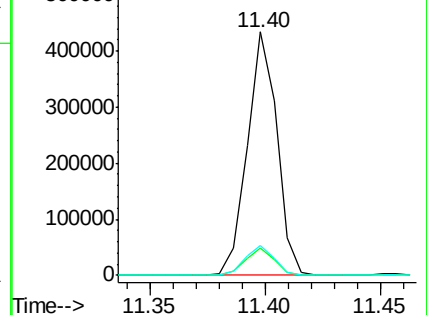
80 12.3 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 45.791 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

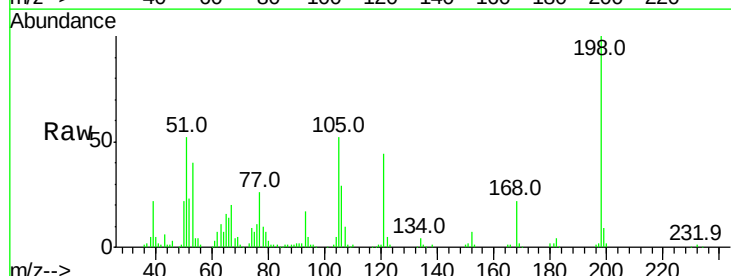
Tgt Ion:198 Resp: 108425

Ion Ratio Lower Upper

198 100

51 51.9 37.7 77.7

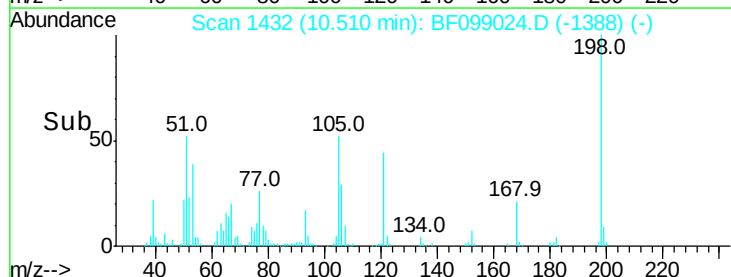
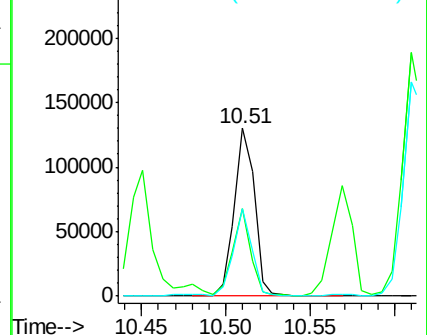
105 52.0 36.3 76.3

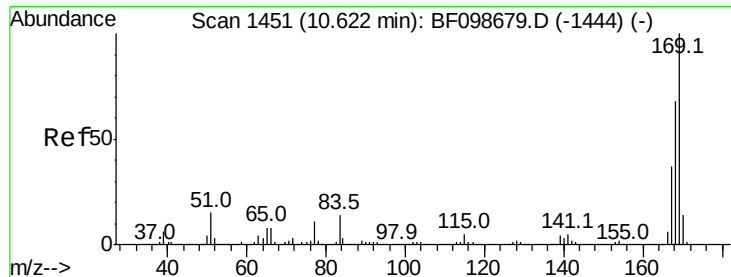


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

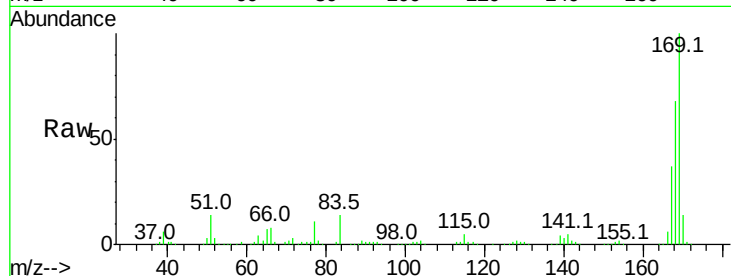




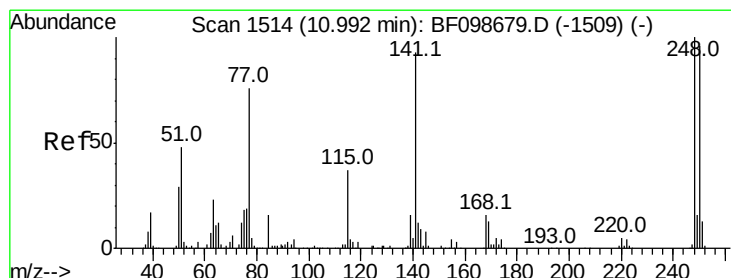
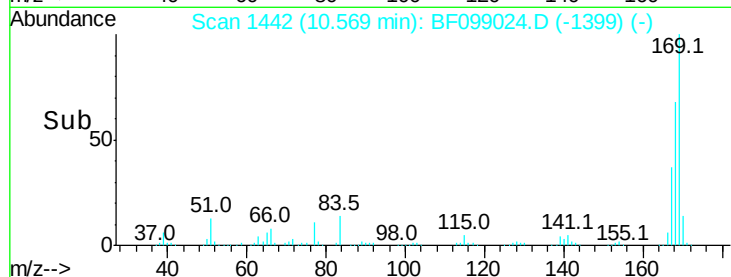
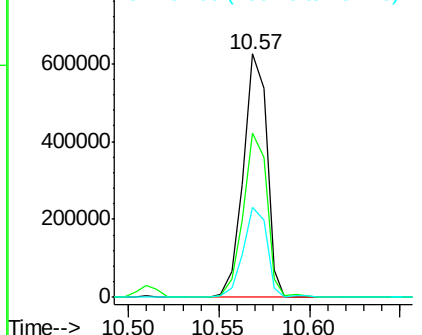
#65
 n-Nitrosodiphenylamine
 Concen: 41.963 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:169 Resp: 565754
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 37.0 29.8 44.6

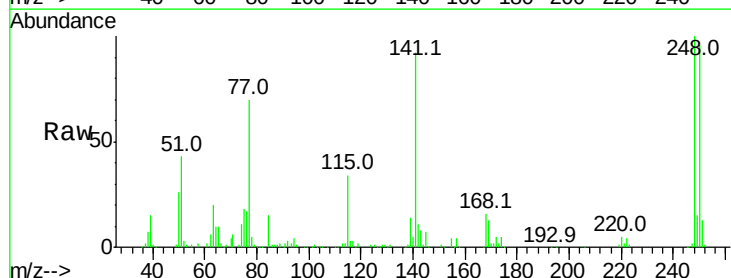


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

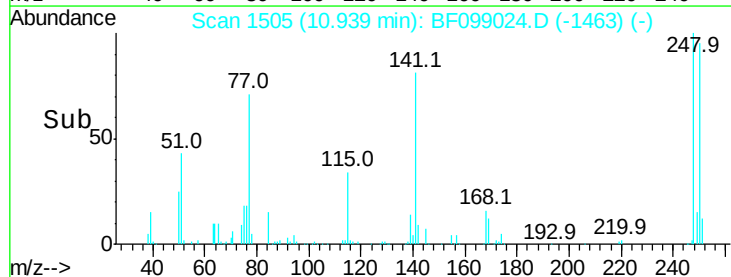
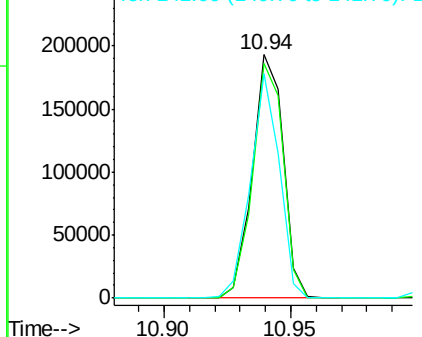


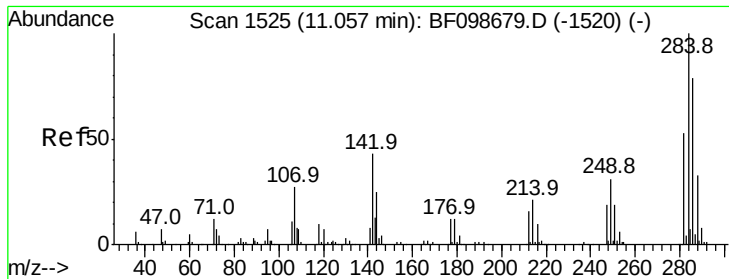
#66
 4-Bromophenyl-phenylether
 Concen: 43.053 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:248 Resp: 164003
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 92.2 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.997 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

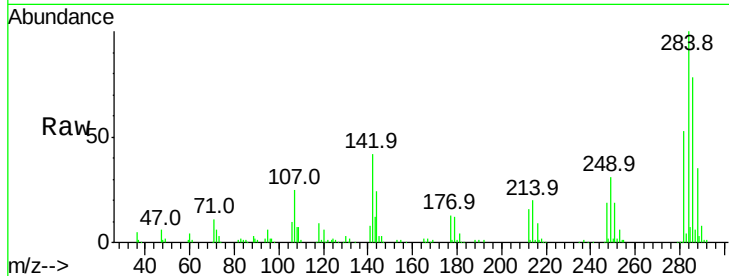
Tot Ion:284 Resp: 170869

Ion Ratio Lower Upper

284 100

142 41.7 34.6 52.0

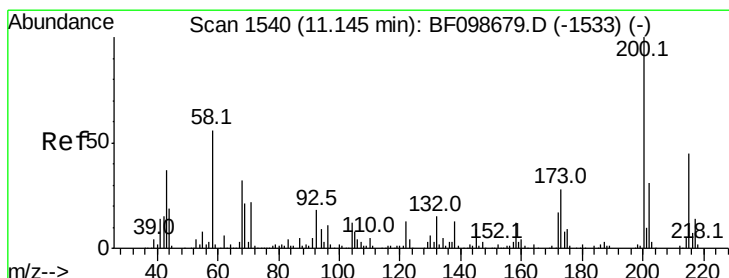
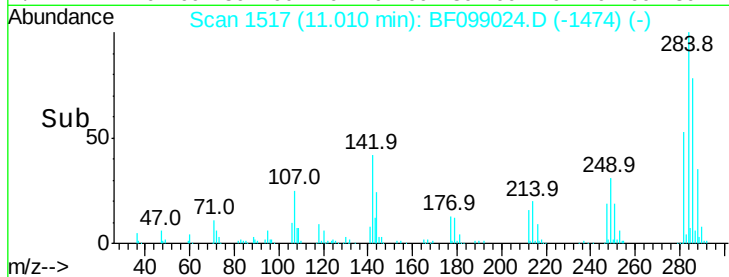
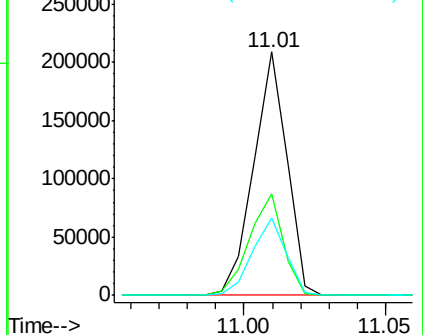
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.824 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.04 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

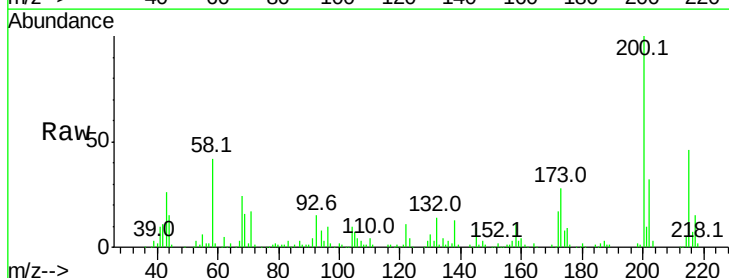
Tgt Ion:200 Resp: 173709

Ion Ratio Lower Upper

200 100

173 28.1 8.6 48.6

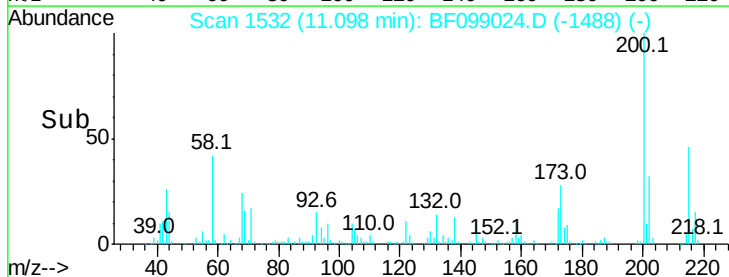
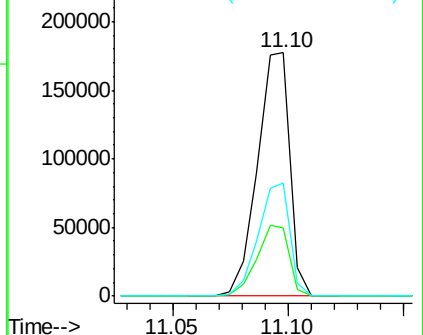
215 46.2 25.1 65.1

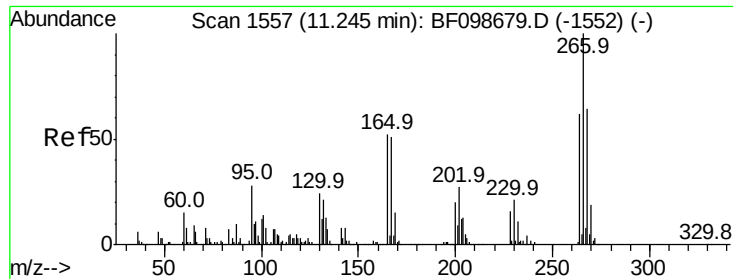


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

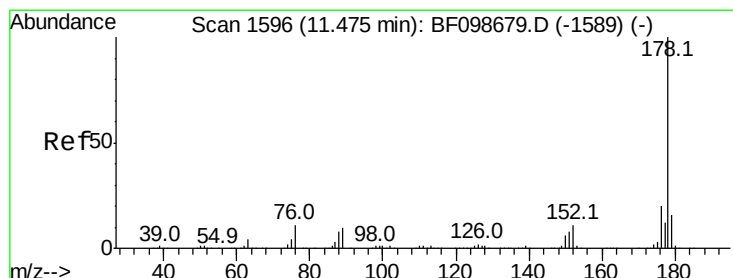
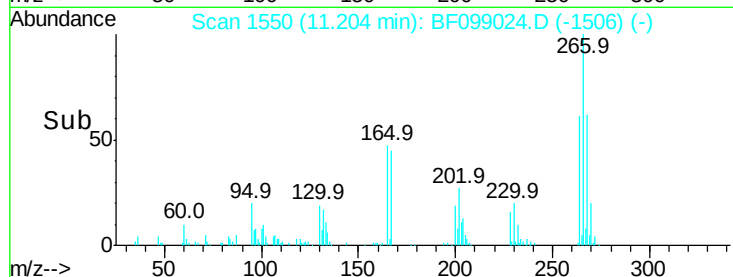
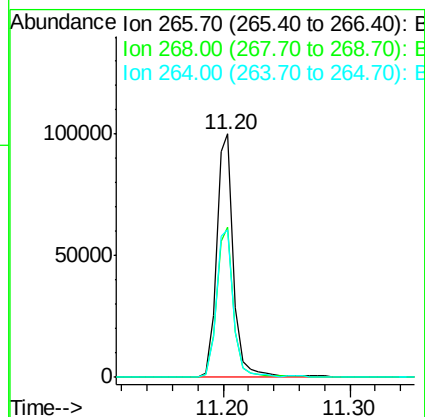
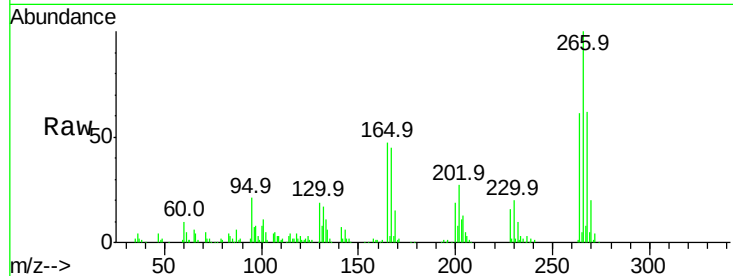




#69
 Pentachlorophenol
 Concen: 37.490 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.04 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

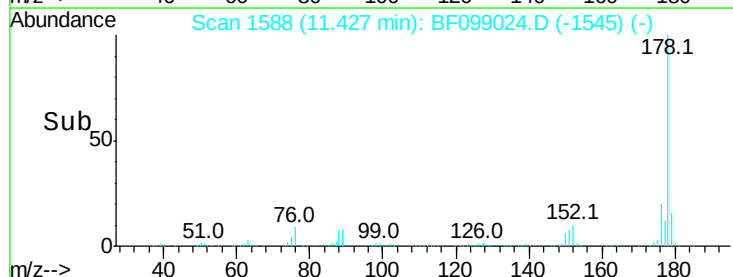
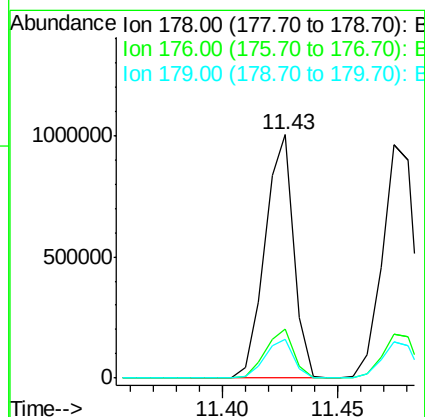
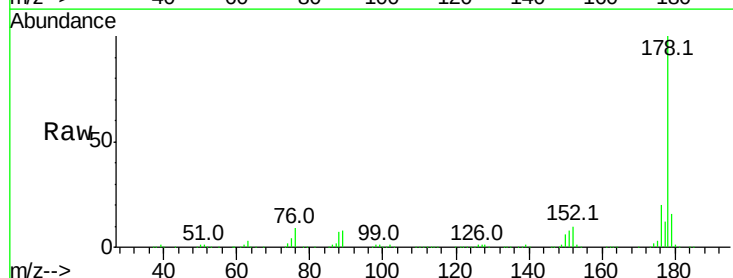
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

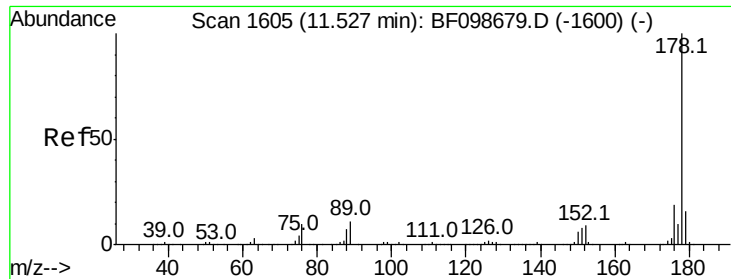
Tot Ion:266 Resp: 94928
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 60.7 49.5 74.3



#70
 Phenanthrene
 Concen: 41.707 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:178 Resp: 868805
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.7 13.0 19.6

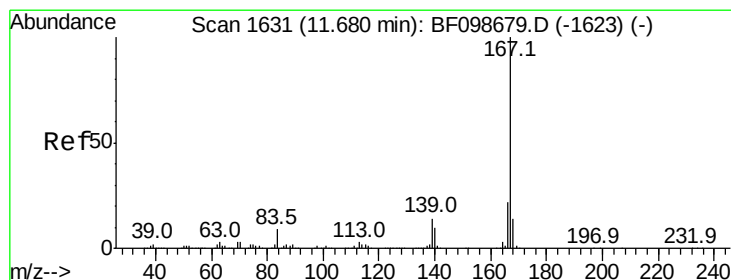
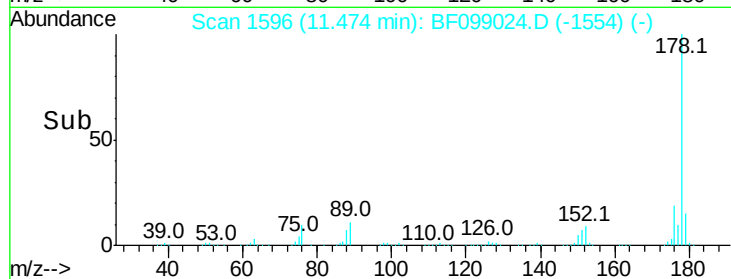
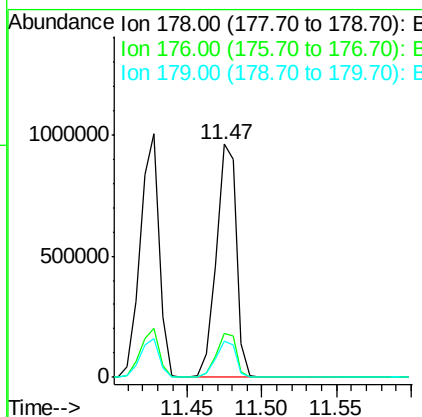
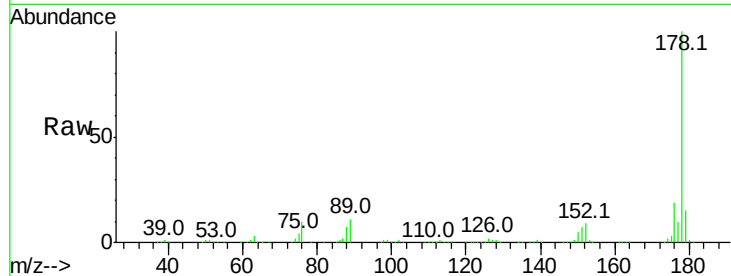




#71
 Anthracene
 Concen: 42.543 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

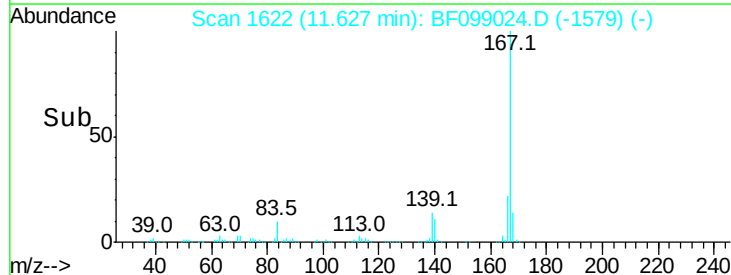
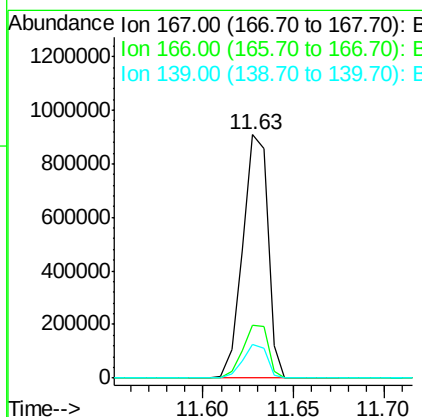
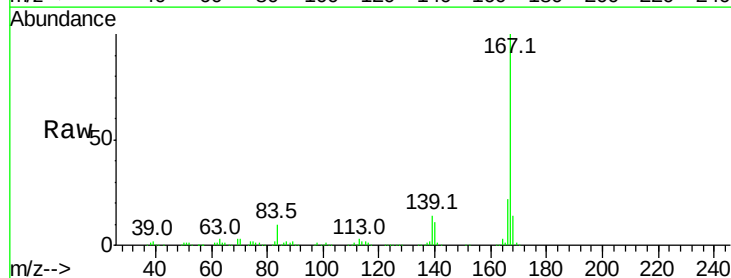
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

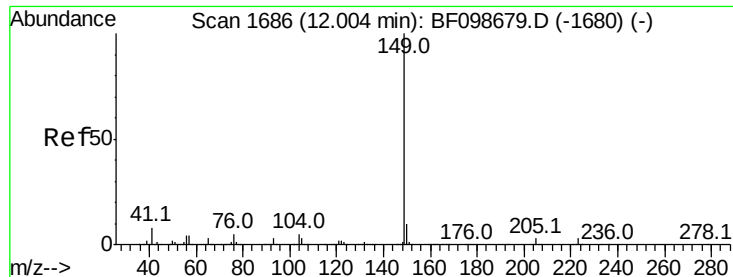
Tot Ion:178 Resp: 906772
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.934 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:167 Resp: 875274
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 13.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 42.878 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

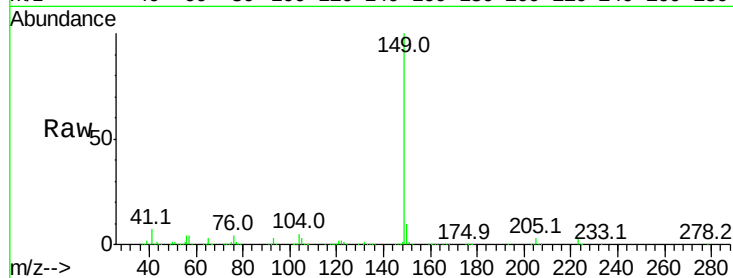
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1077248

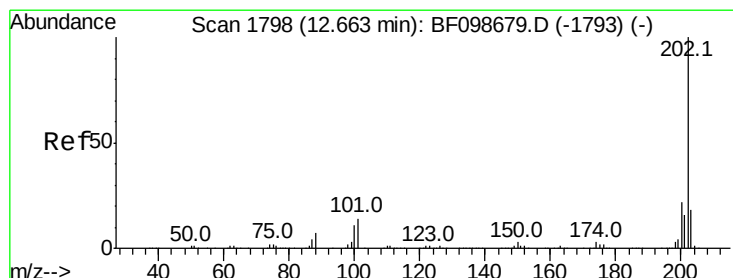
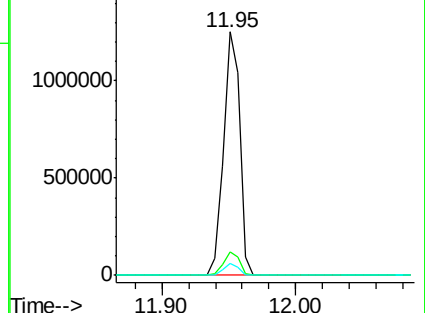
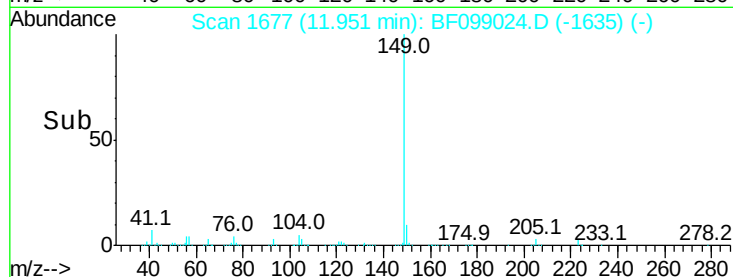
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.7	3.8	5.8



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: 41.974 ng

RT: 12.62 min Scan# 1790

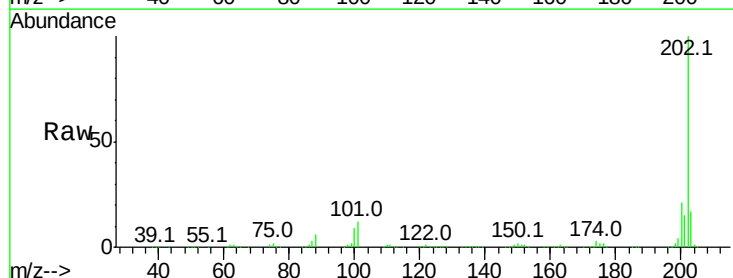
Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Tgt Ion:202 Resp: 885413

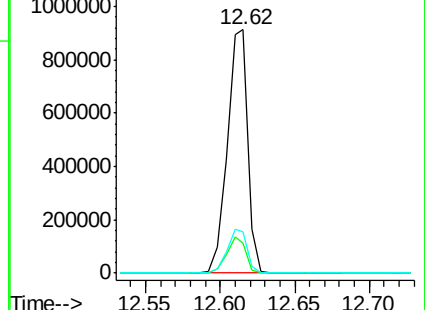
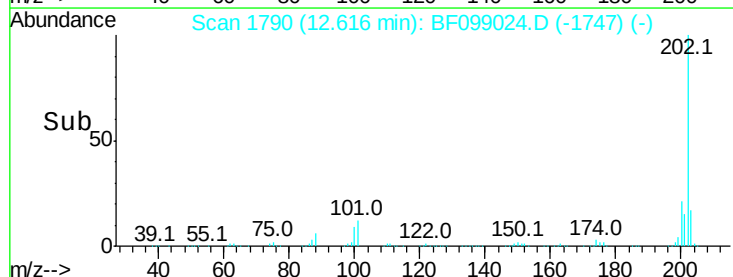
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	34.1
203	17.1	0.0	38.1

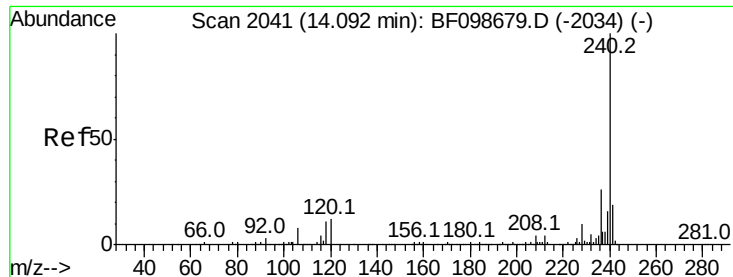


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.04 min Scan# 2032

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

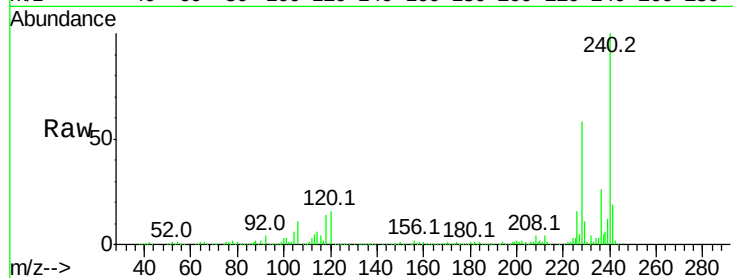
Tot Ion:240 Resp: 289887

Ion Ratio Lower Upper

240 100

120 16.1 9.5 14.3#

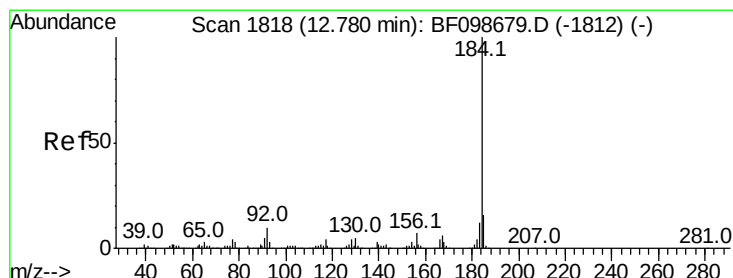
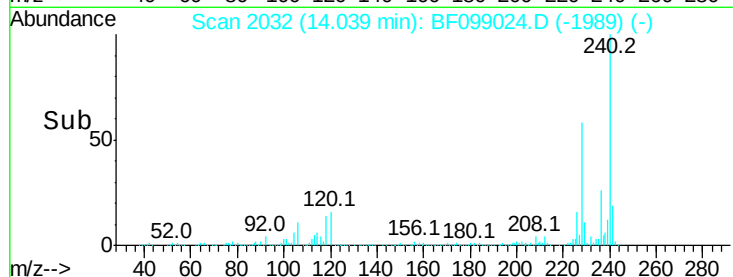
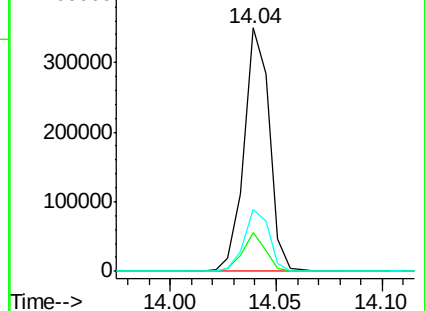
236 25.7 20.7 31.1



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: 42.852 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

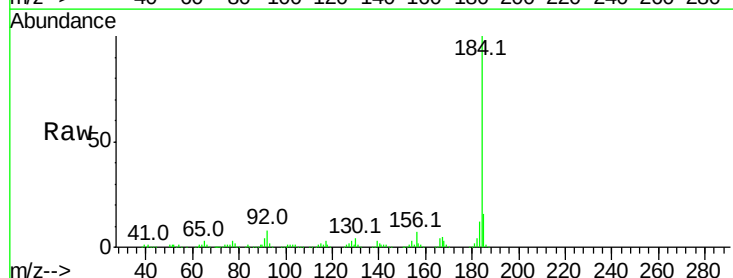
Tgt Ion:184 Resp: 459458

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

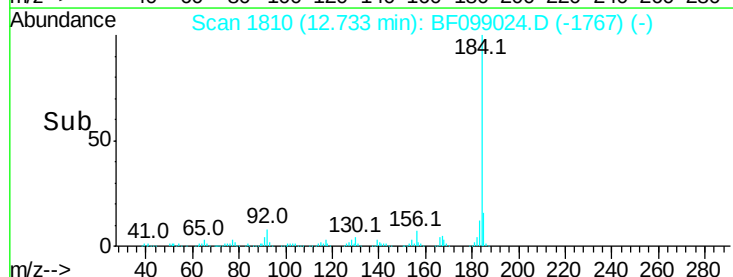
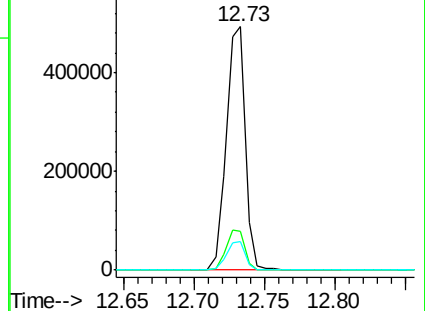
183 12.0 9.3 13.9

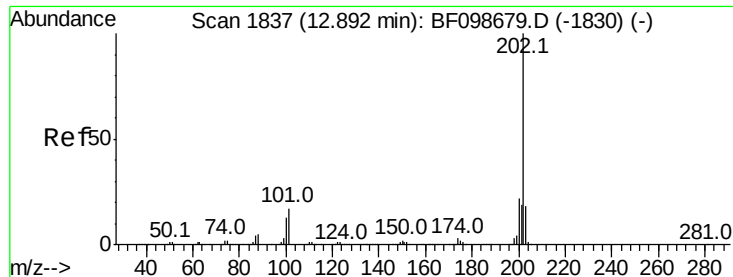


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.310 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

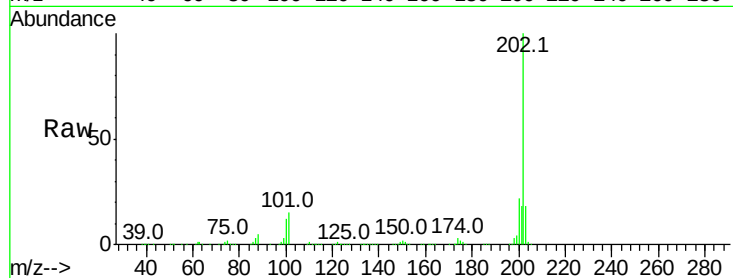
Tot Ion:202 Resp: 913154

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

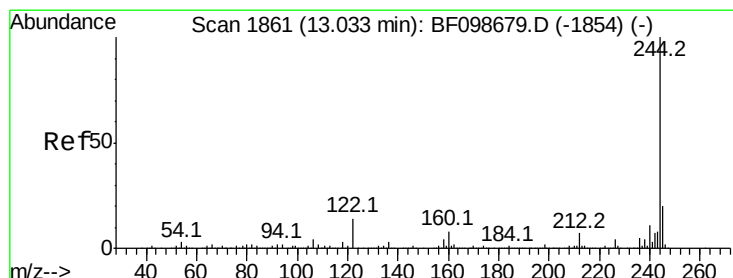
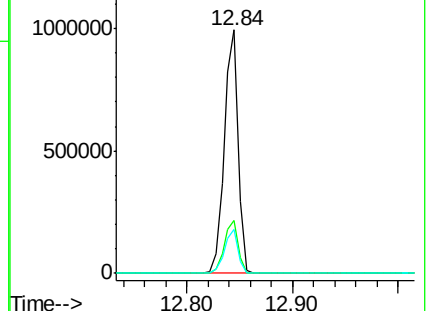
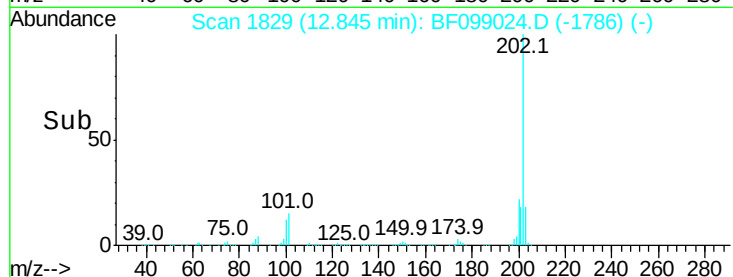
203 17.9 14.3 21.5



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: 85.200 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

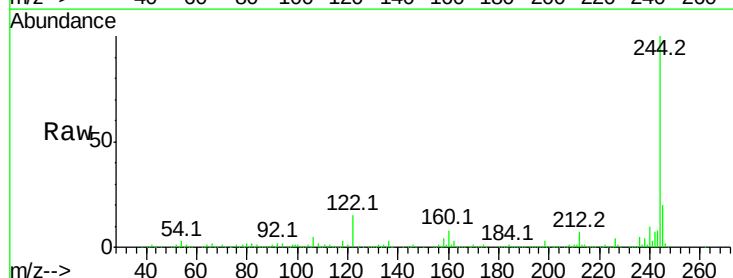
Tgt Ion:244 Resp: 1086030

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

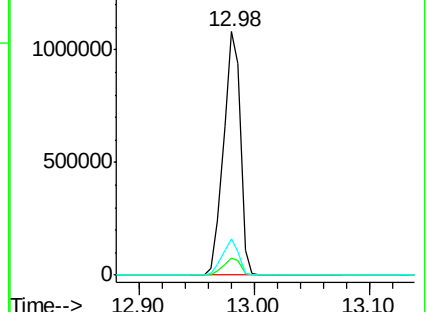
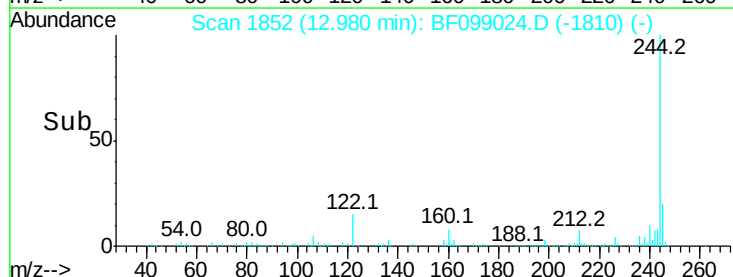
122 14.7 11.0 16.4

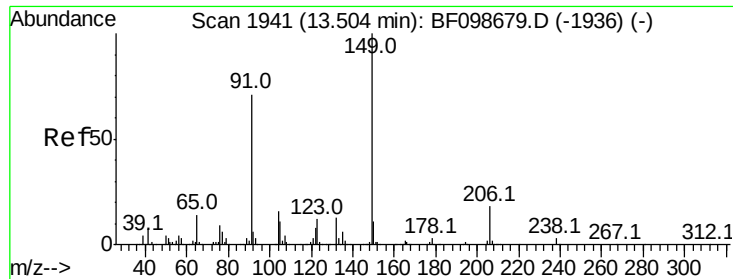


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

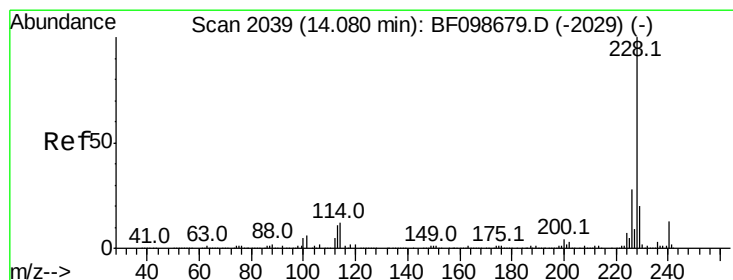
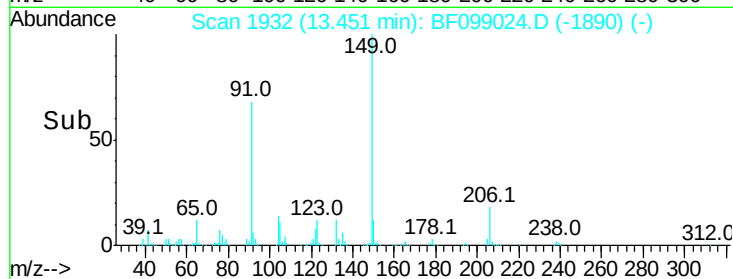
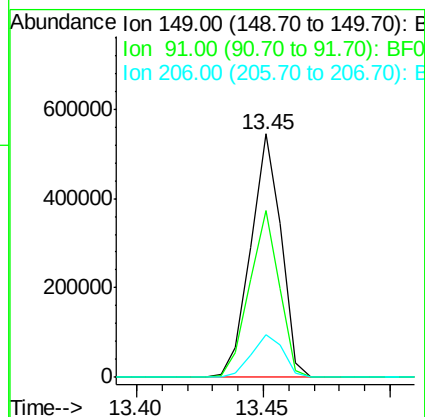
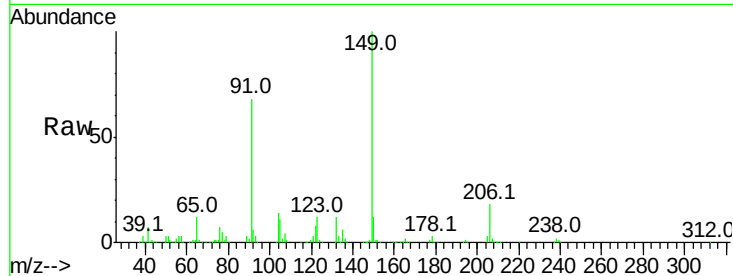




#79
Butylbenzylphthalate
Concen: 43.626 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

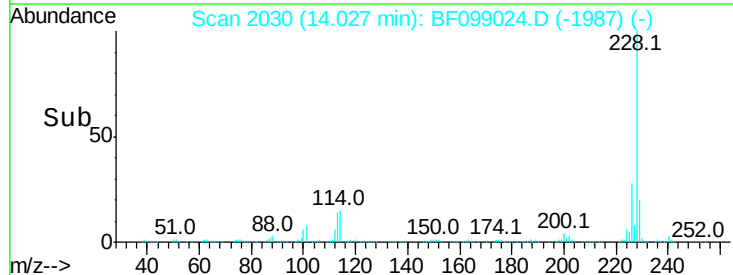
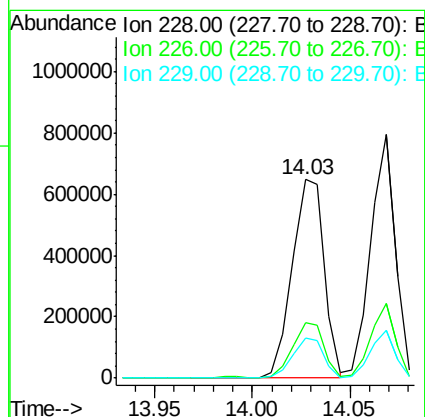
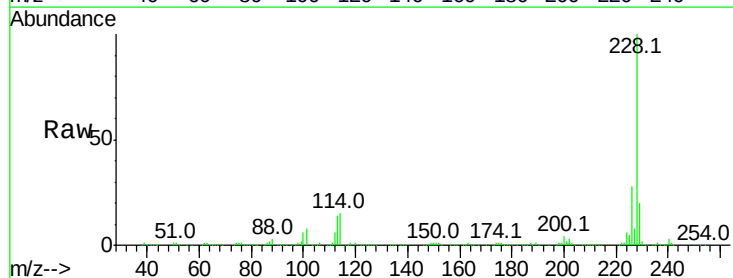
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

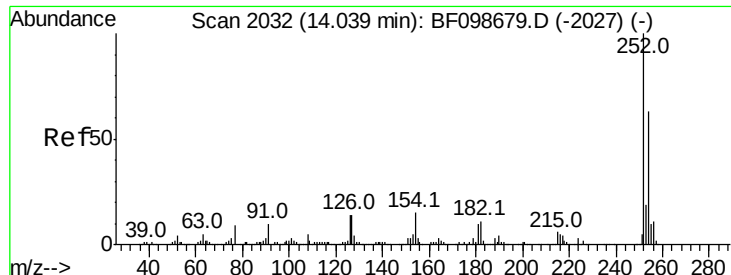
Tot Ion:149 Resp: 453227
Ion Ratio Lower Upper
149 100
91 68.3 56.8 85.2
206 17.8 14.1 21.1



#80
Benzo(a)anthracene
Concen: 41.838 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.05 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion:228 Resp: 734394
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 19.9 15.8 23.6

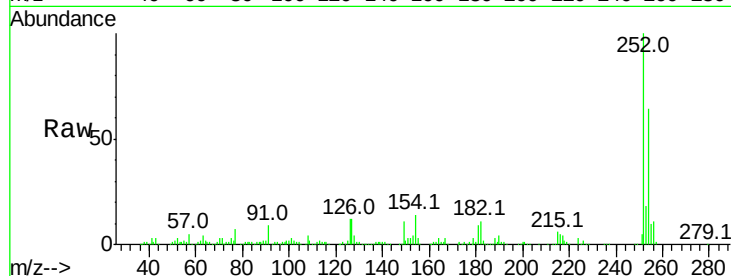




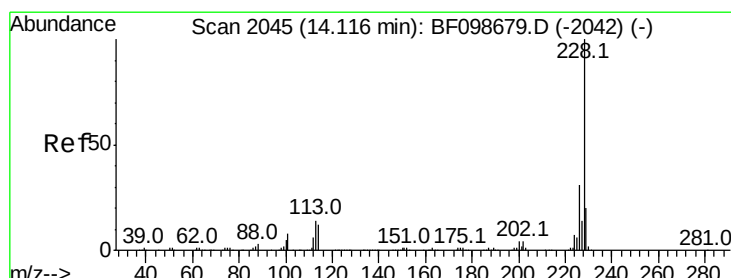
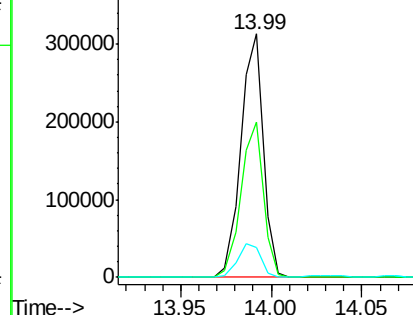
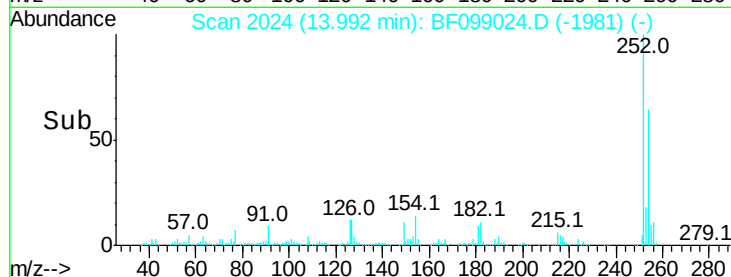
#81
 3,3'-Dichlorobenzidine
 Concen: 41.966 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.6	50.4	75.6
126	12.1	11.3	16.9

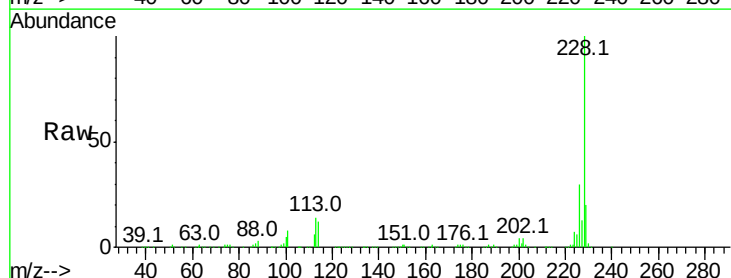


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

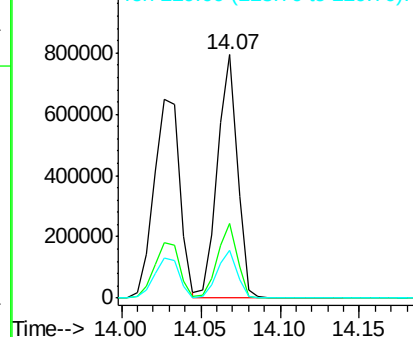
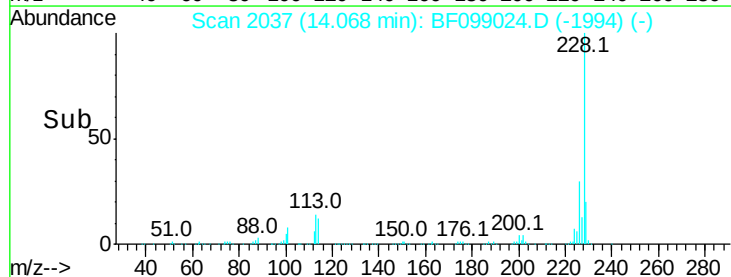


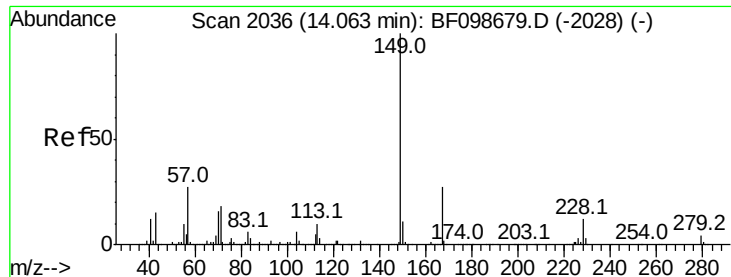
#82
 Chrysene
 Concen: 41.554 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.8	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

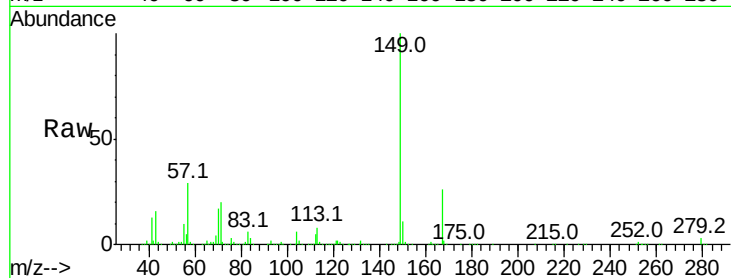




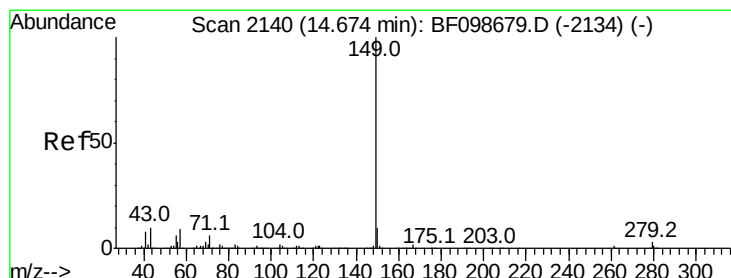
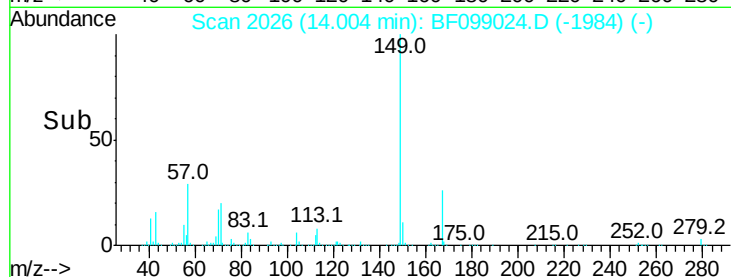
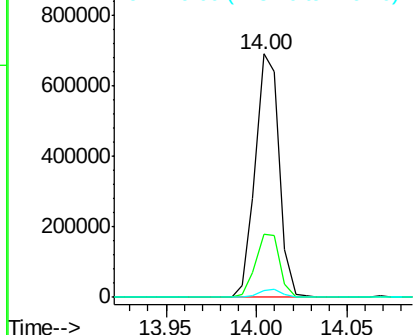
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.509 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:149 Resp: 636698
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.3 31.9
 279 2.6 3.0 4.4#

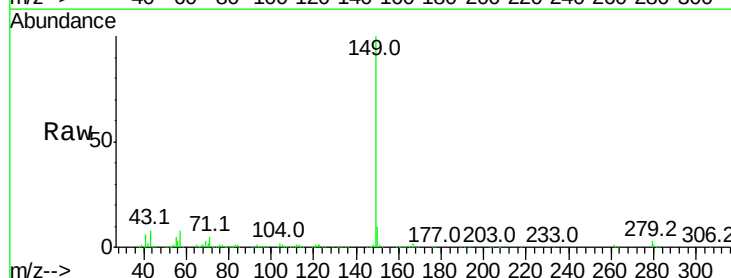


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

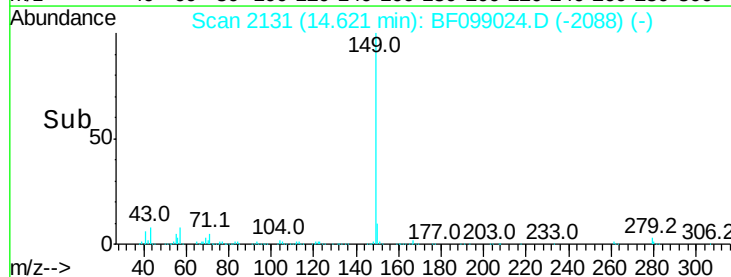
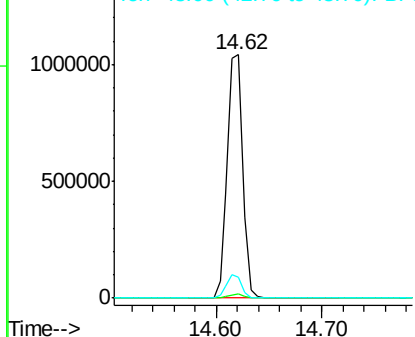


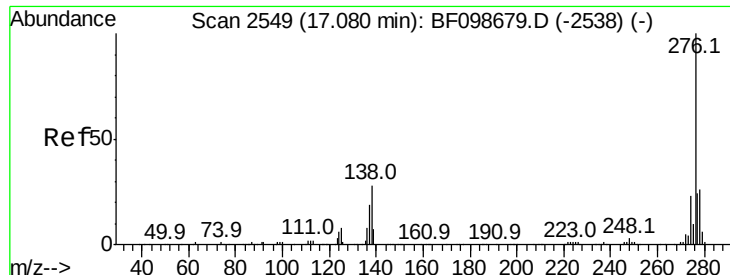
#84
 Di-n-octyl phthalate
 Concen: 45.833 ng
 RT: 14.62 min Scan# 2131
 Delta R.T. -0.05 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion:149 Resp: 1055709
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.3 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): BF0

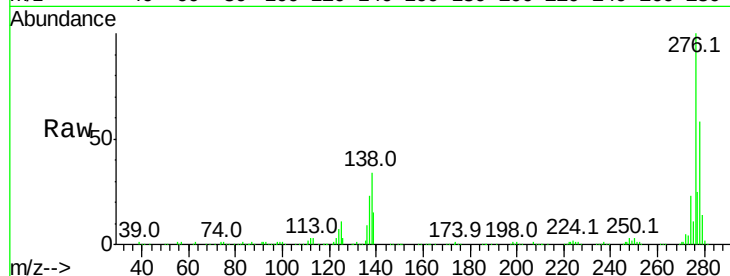




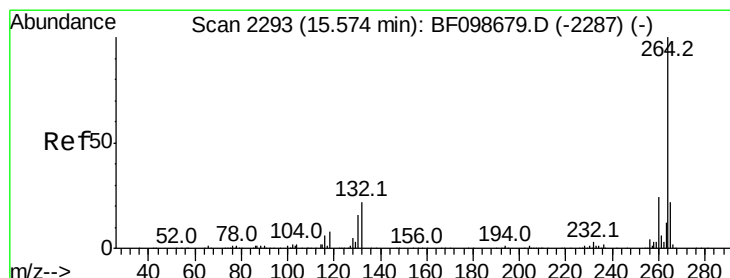
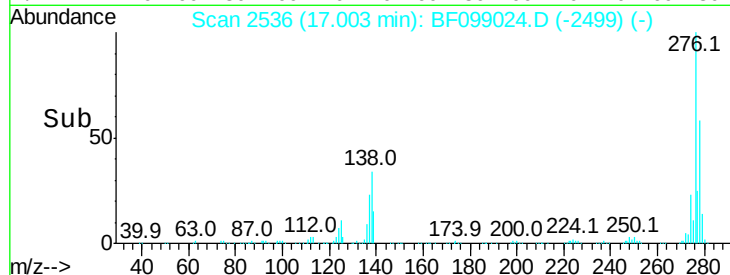
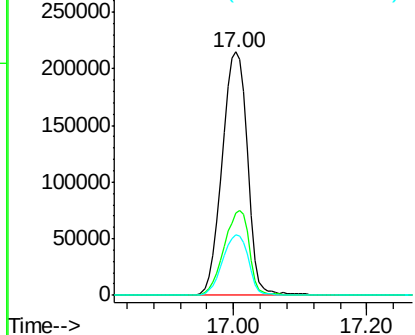
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.396 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. -0.08 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.1	20.1	30.1

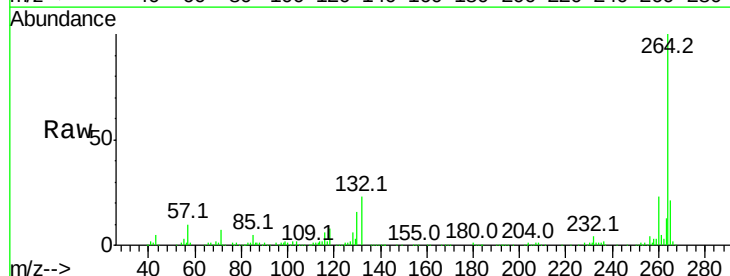


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

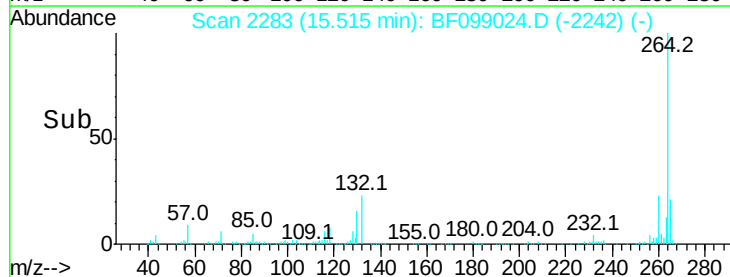
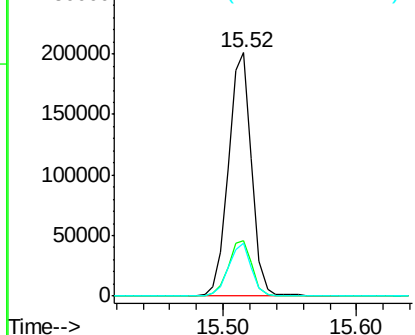


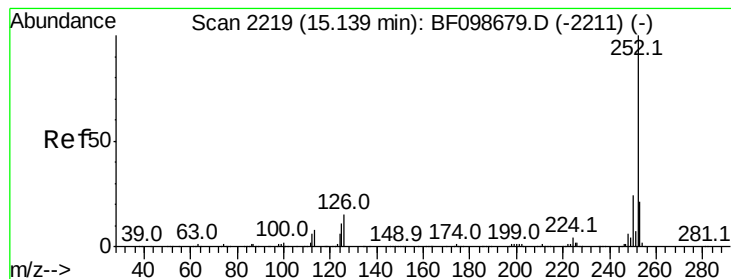
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.06 min
 Lab File: BF099024.D
 Acq: 3 Oct 2017 11:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.762 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

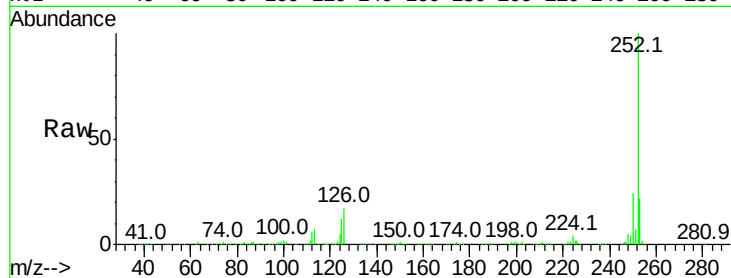
Tot Ion:252 Resp: 583036

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

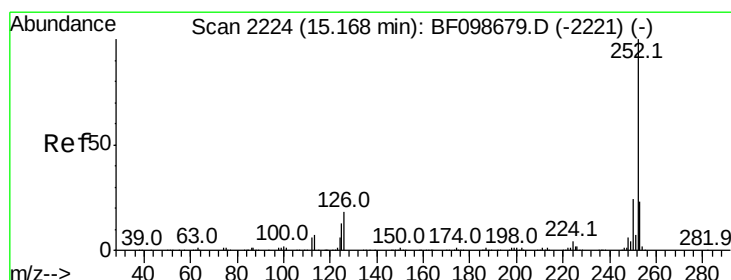
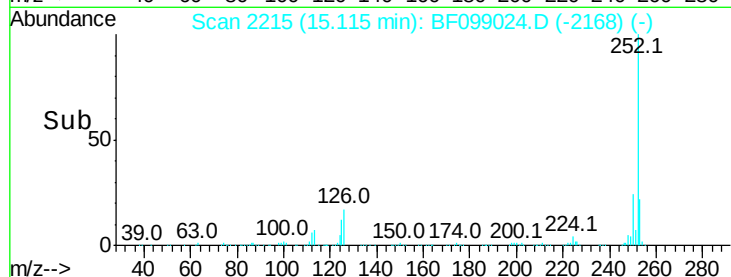
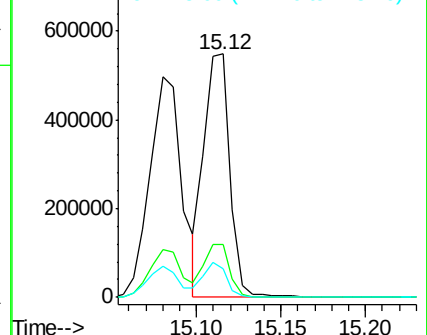
125 11.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.245 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.05 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

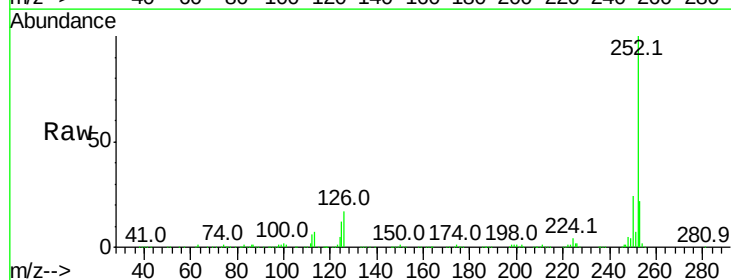
Tgt Ion:252 Resp: 583036

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

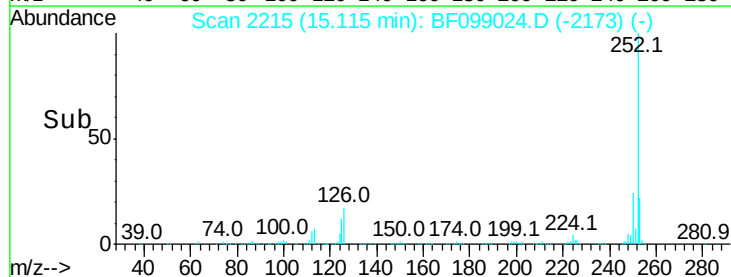
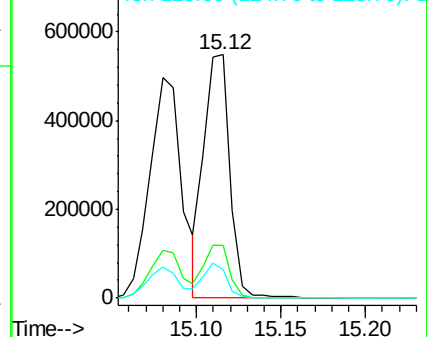
125 11.8 10.2 15.2

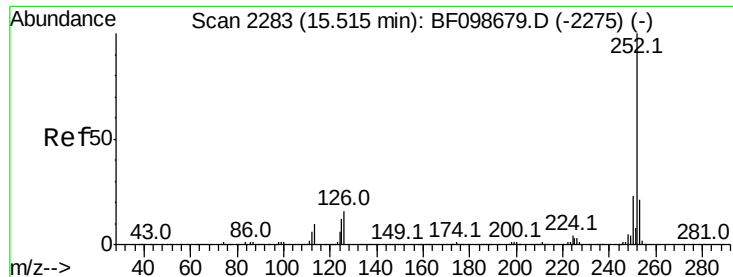


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

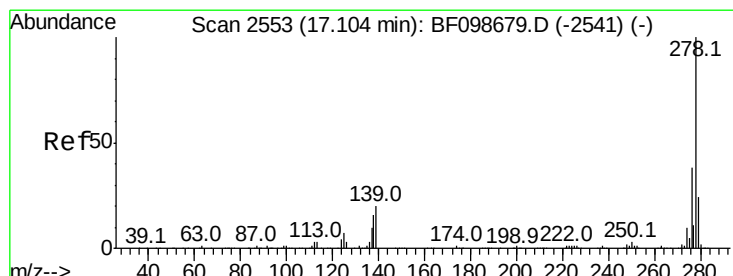
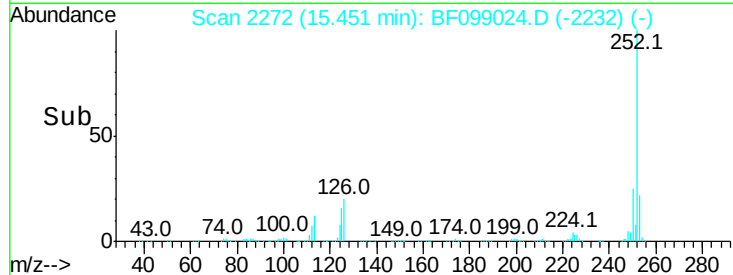
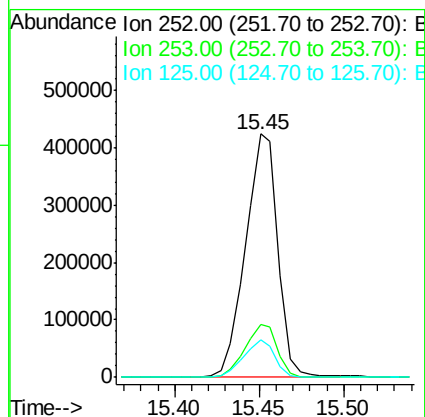
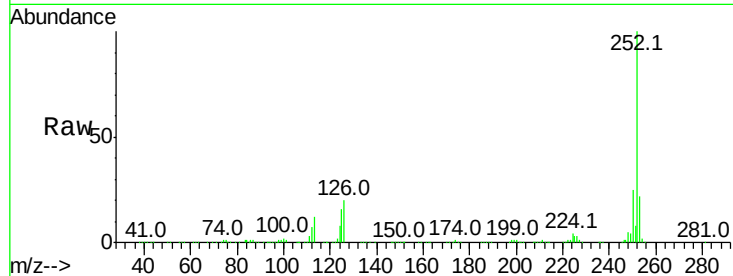




#89
Benzo(a)pyrene
Concen: 40.872 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.06 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

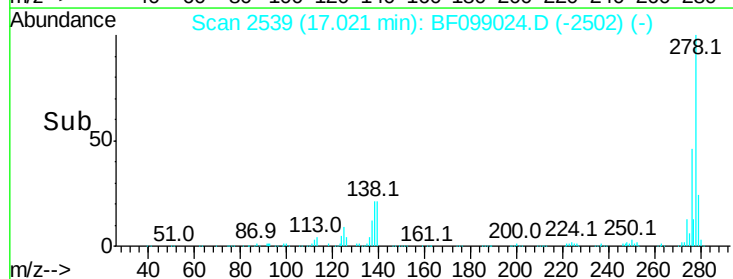
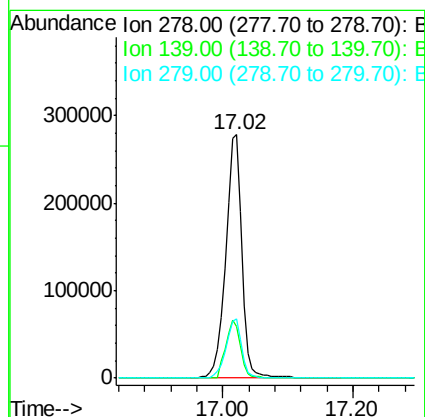
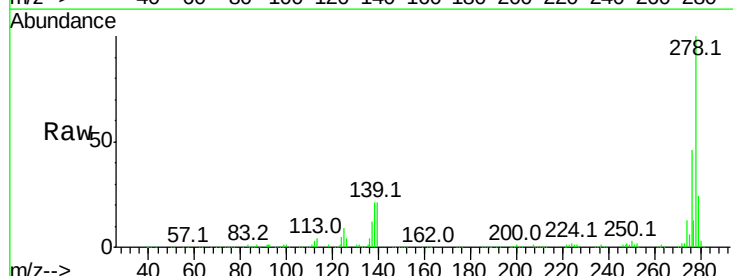
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

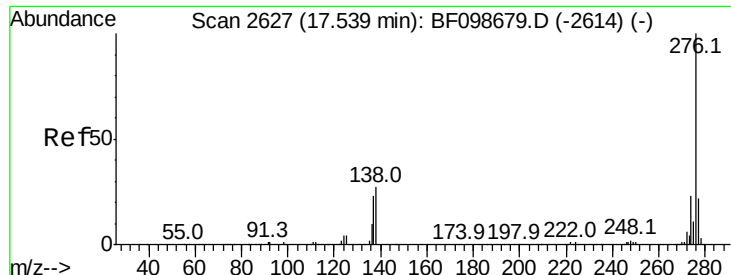
Tot Ion:252 Resp: 564318
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 15.6 9.8 14.6#



#90
Dibenzo(a,h)anthracene
Concen: 43.232 ng
RT: 17.02 min Scan# 2539
Delta R.T. -0.08 min
Lab File: BF099024.D
Acq: 3 Oct 2017 11:52

Tgt Ion:278 Resp: 477694
Ion Ratio Lower Upper
278 100
139 21.0 15.9 23.9
279 24.3 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 43.439 ng

RT: 17.46 min Scan# 2613

Delta R.T. -0.09 min

Lab File: BF099024.D

Acq: 3 Oct 2017 11:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

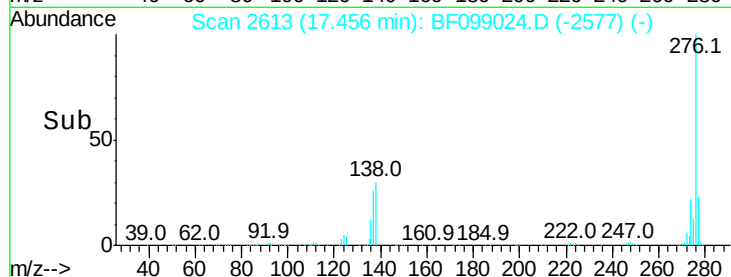
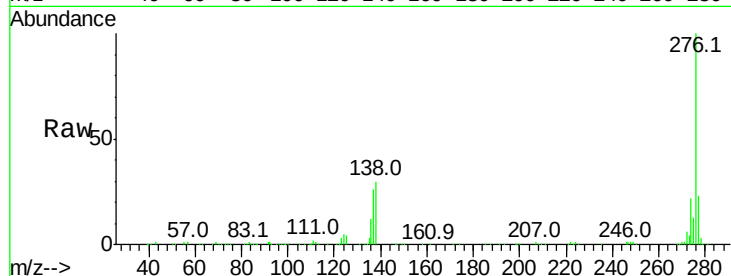
Tot Ion:276 Resp: 474453

Ion Ratio Lower Upper

276 100

277 23.3 17.9 26.9

138 30.3 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

