

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103995.D
 Acq On : 28 Mar 2018 3:38
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 28 07:11:58 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	132581	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	532792	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	234445	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	374450	20.00	ng	0.00
75) Chrysene-d12	14.17	240	250057	20.00	ng	0.00
86) Perylene-d12	15.72	264	226563	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	667750	76.61	ng	0.00
7) Phenol-d6	6.60	99	790626	74.14	ng	0.00
23) Nitrobenzene-d5	7.54	82	697451	91.29	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	176145	87.38	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1218680	82.92	ng	0.00
78) Terphenyl-d14	13.09	244	924001	85.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	143765	33.495	ng	89
3) Pyridine	3.60	79	365258	30.939	ng	87
4) n-Nitrosodimethylamine	3.57	42	108712	24.975	ng	# 74
6) Aniline	6.64	93	524266	34.428	ng	97
8) 2-Chlorophenol	6.76	128	358723	39.285	ng	92
9) Benzaldehyde	6.53	77	220200	31.430	ng	98
10) Phenol	6.62	94	441214	38.935	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	323233	34.553	ng	92
12) 1,3-Dichlorobenzene	6.92	146	402342	38.687	ng	97
13) 1,4-Dichlorobenzene	6.99	146	418106	40.008	ng	99
14) 1,2-Dichlorobenzene	7.15	146	378455	39.026	ng	98
15) Benzyl Alcohol	7.12	79	279427	33.817	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	423833	31.854	ng	76
17) 2-Methylphenol	7.22	107	300764	36.987	ng	98
18) Hexachloroethane	7.48	117	110357	30.021	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	233313	34.138	ng	92
20) 3+4-Methylphenols	7.37	107	373081	36.152	ng	# 86
22) Acetophenone	7.39	105	505939	36.949	ng	95
24) Nitrobenzene	7.56	77	356103	39.701	ng	97
25) Isophorone	7.79	82	639762	36.173	ng	98
26) 2-Nitrophenol	7.87	139	147827	44.239	ng	97
27) 2,4-Dimethylphenol	7.90	122	273720	36.126	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	404918	37.808	ng	99
29) 2,4-Dichlorophenol	8.12	162	285808	41.461	ng	98
30) 1,2,4-Trichlorobenzene	8.19	180	318678	39.859	ng	100
31) Naphthalene	8.28	128	1012068	37.604	ng	100
32) Benzoic acid	8.02	122	179622	36.570	ng	97
33) 4-Chloroaniline	8.33	127	447788	39.658	ng	98
34) Hexachlorobutadiene	8.39	225	175439	40.022	ng	99
35) Caprolactam	8.71	113	92069	38.788	ng	# 73
36) 4-Chloro-3-methylphenol	8.80	107	297846	39.194	ng	99
37) 2-Methylnaphthalene	8.97	142	658967	38.609	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	292921	43.795	ng	98
40) Hexachlorocyclopentadiene	9.11	237	15189	4.401	ng	99

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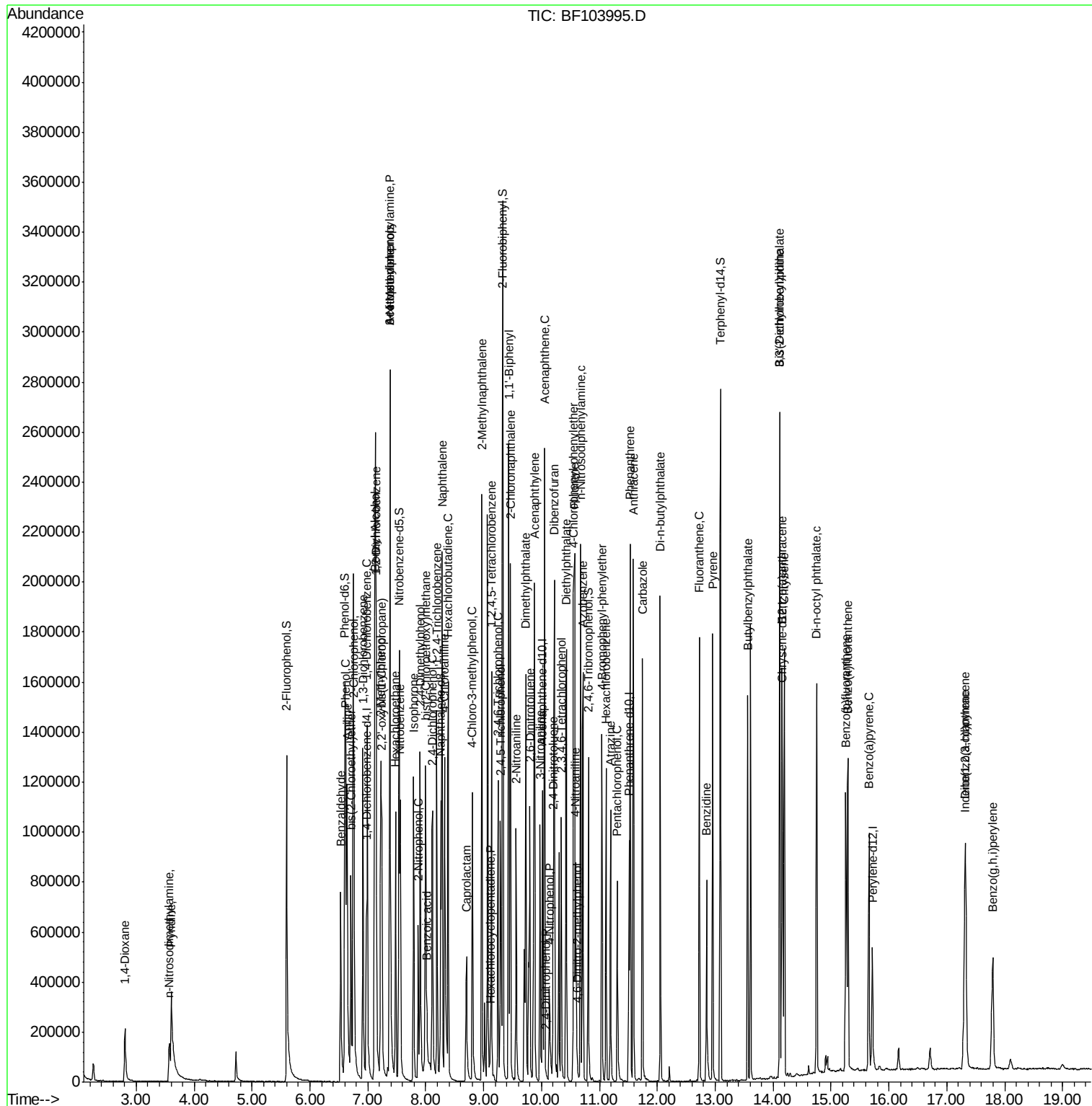
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	185600	43.384	ng	99
43) 2,4,5-Trichlorophenol	9.29	196	209844	43.458	ng	94
45) 1,1'-Biphenyl	9.43	154	805957	41.227	ng	99
46) 2-Chloronaphthalene	9.46	162	633495	40.799	ng	98
47) 2-Nitroaniline	9.56	65	193389	47.666	ng	91
48) Acenaphthylene	9.88	152	950754	39.487	ng	100
49) Dimethylphthalate	9.73	163	764119	42.719	ng	99
50) 2,6-Dinitrotoluene	9.80	165	147372	43.040	ng	92
51) Acenaphthene	10.05	154	546713	38.240	ng	99
52) 3-Nitroaniline	9.97	138	200753	48.377	ng	98
53) 2,4-Dinitrophenol	10.09	184	3574	13.468	ng	# 76
54) Dibenzofuran	10.22	168	793396	38.856	ng	99
55) 4-Nitrophenol	10.13	139	97212	32.811	ng	90
56) 2,4-Dinitrotoluene	10.20	165	177500	41.463	ng	# 91
57) Fluorene	10.57	166	629031	39.700	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	139116	40.660	ng	# 92
59) Diethylphthalate	10.43	149	715314	40.292	ng	97
60) 4-Chlorophenyl-phenylether	10.55	204	296203	40.906	ng	97
61) 4-Nitroaniline	10.59	138	196014	49.025	ng	94
62) Azobenzene	10.72	77	611718	33.891	ng	91
64) 4,6-Dinitro-2-methylphenol	10.62	198	9703	15.482	ng	87
65) n-Nitrosodiphenylamine	10.67	169	568562	44.608	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	180207	46.873	ng	# 90
67) Hexachlorobenzene	11.12	284	188949	43.060	ng	# 89
68) Atrazine	11.19	200	143739	36.457	ng	99
69) Pentachlorophenol	11.31	266	103119	40.876	ng	97
70) Phenanthrene	11.53	178	808927	39.492	ng	99
71) Anthracene	11.59	178	826086	39.708	ng	100
72) Carbazole	11.75	167	776147	38.384	ng	99
73) Di-n-butylphthalate	12.05	149	1037570	42.765	ng	100
74) Fluoranthene	12.73	202	739794	35.057	ng	98
76) Benzidine	12.85	184	382276	35.844	ng	98
77) Pyrene	12.96	202	740270	40.311	ng	99
79) Butylbenzylphthalate	13.56	149	376634	46.291	ng	93
80) Benzo(a)anthracene	14.16	228	629189	39.750	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	227999	43.063	ng	97
82) Chrysene	14.19	228	605211	40.110	ng	99
83) Bis(2-ethylhexyl)phthalate	14.12	149	503409	43.310	ng	100
84) Di-n-octyl phthalate	14.75	149	785171	46.433	ng	96
85) Indeno(1,2,3-cd)pyrene	17.31	276	515673	39.135	ng	97
87) Benzo(b)fluoranthene	15.26	252	582682	40.708	ng	97
88) Benzo(k)fluoranthene	15.29	252	546074	39.688	ng	98
89) Benzo(a)pyrene	15.66	252	518447	39.934	ng	99
90) Dibenzo(a,h)anthracene	17.33	278	437685	38.934	ng	97
91) Benzo(g,h,i)perylene	17.80	276	409224	37.419	ng	95

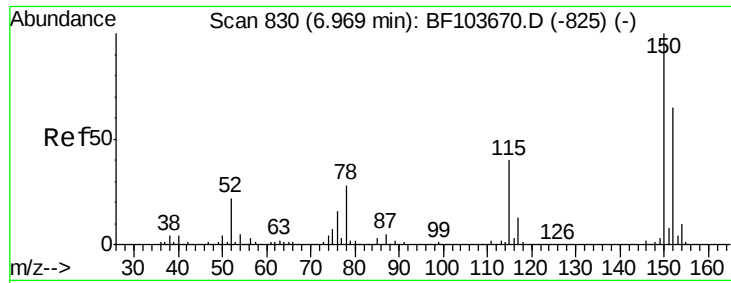
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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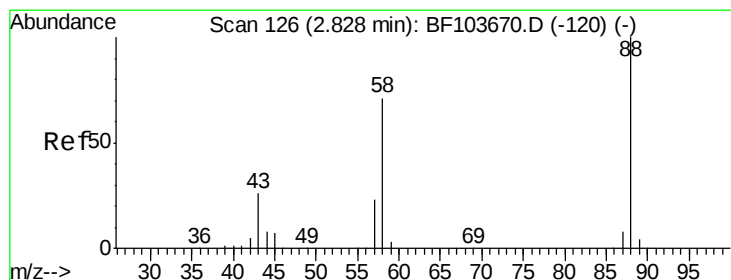
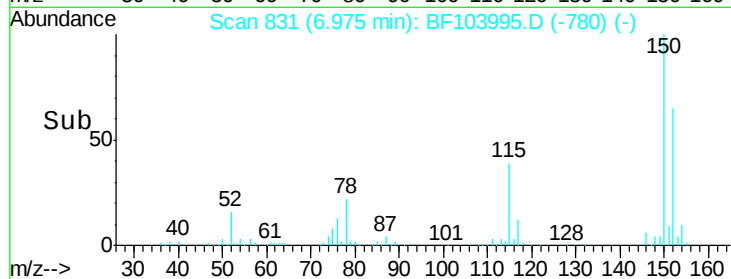
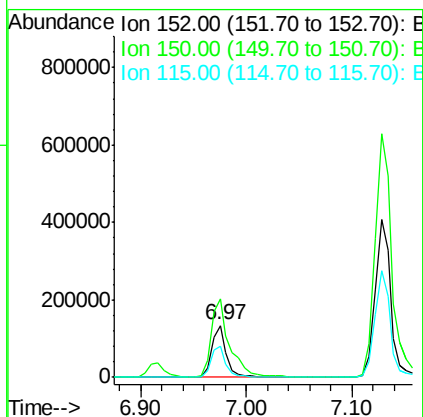
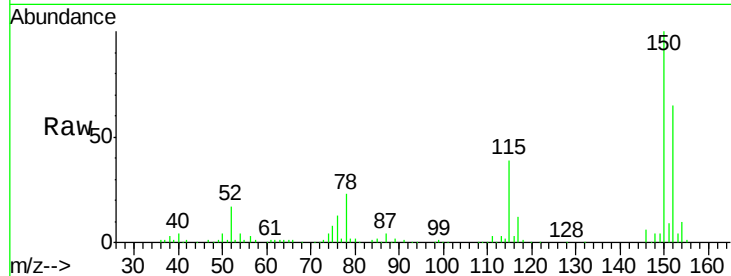


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

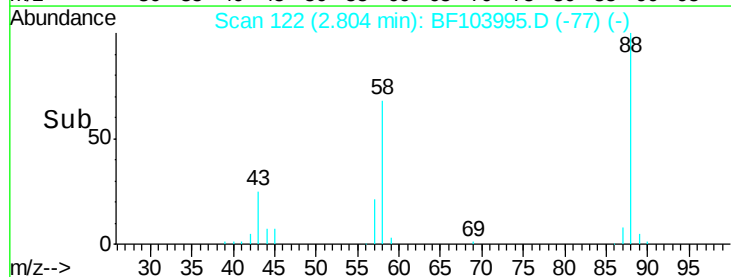
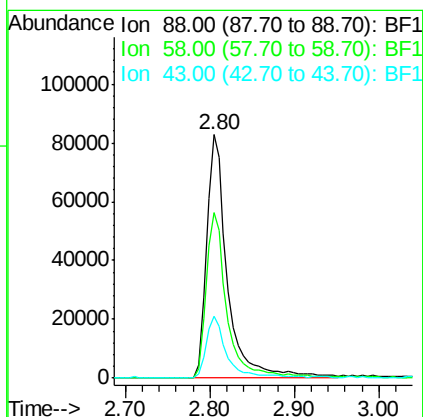
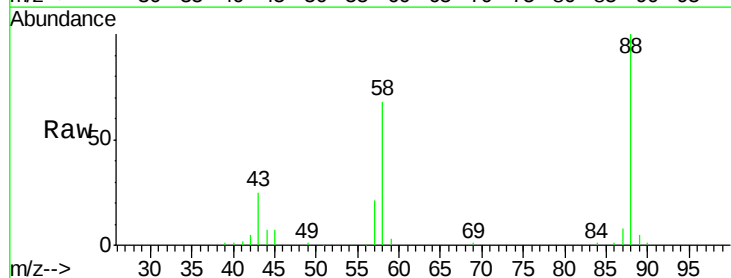
Tot Ion:152 Resp: 132581
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 59.4 50.1 75.1

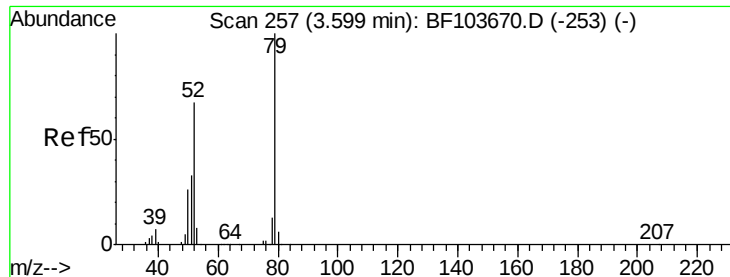


#2

1,4-Dioxane
Concen: 33.495 ng
RT: 2.80 min Scan# 122
Delta R.T. -0.04 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 88 Resp: 143765
Ion Ratio Lower Upper
88 100
58 68.1 62.6 93.8
43 24.9 24.6 37.0





#3

Pvridine

Concen: 30.939 ng

RT: 3.60 min Scan# 258

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

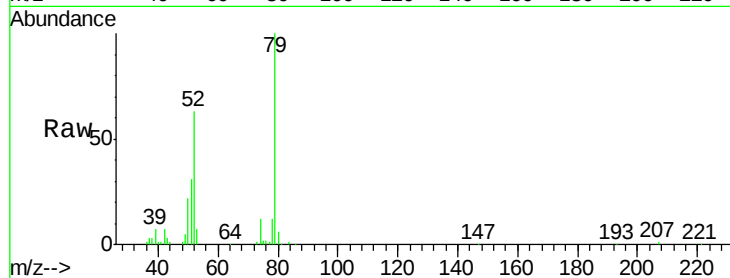
Tot Ion: 79 Resp: 365258

Ion Ratio Lower Upper

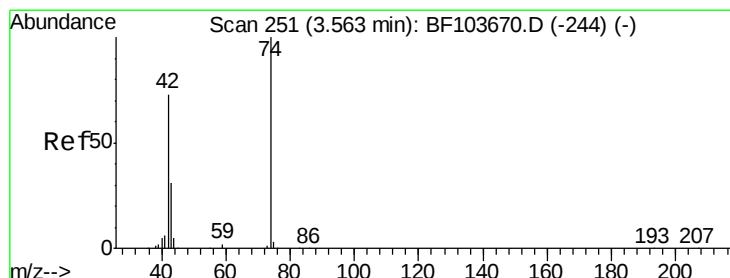
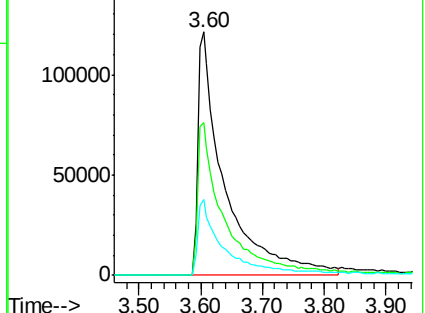
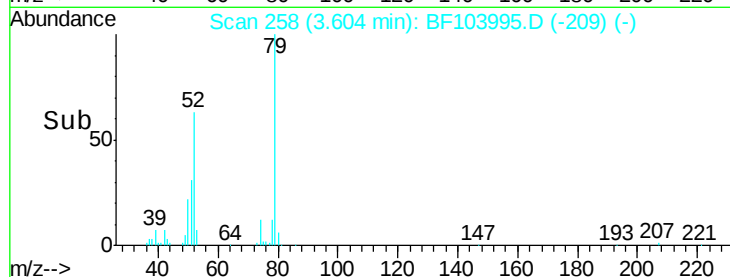
79 100

52 62.9 59.8 89.6

51 31.1 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 24.975 ng

RT: 3.57 min Scan# 252

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

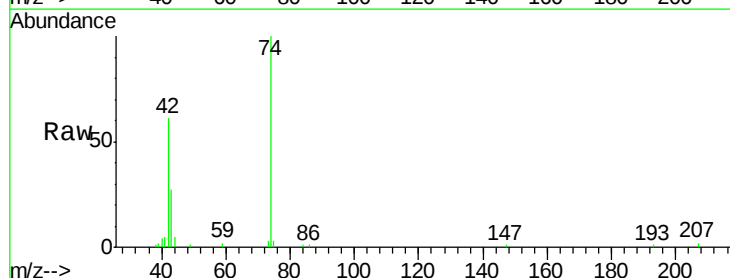
Tgt Ion: 42 Resp: 108712

Ion Ratio Lower Upper

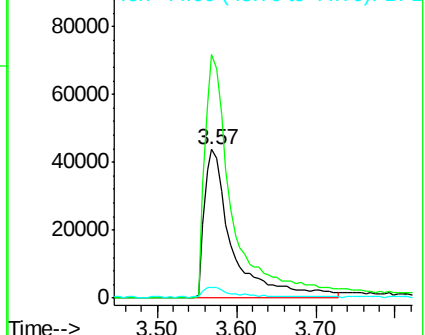
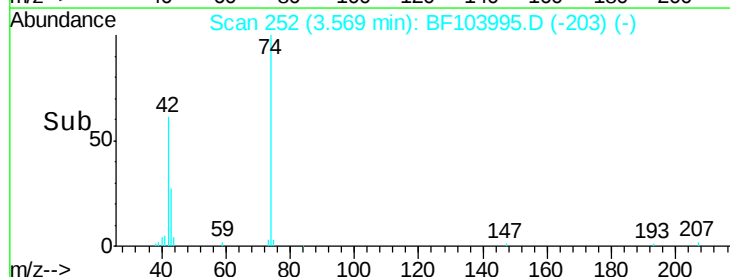
42 100

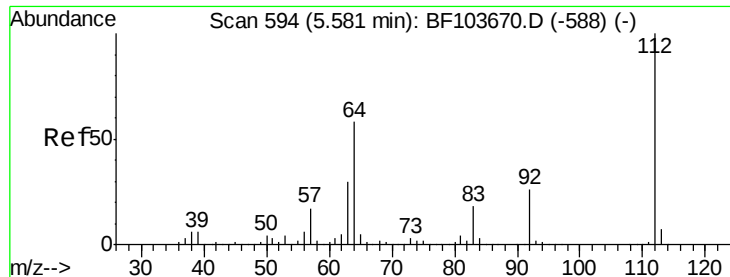
74 163.8 104.9 157.3#

44 7.5 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 76.606 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF103995.D

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ClientSampled :

SSTDCCC040

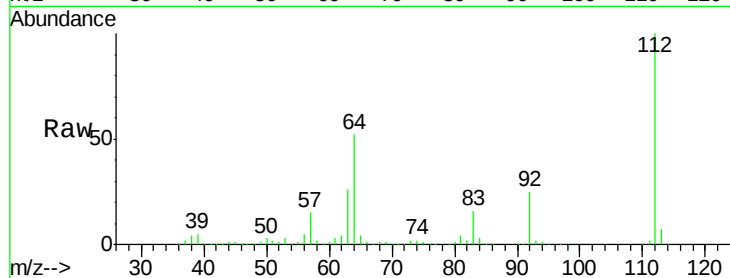
Tot Ion:112 Resp: 667750

Ion Ratio Lower Upper

112 100

64 52.5 47.9 71.9

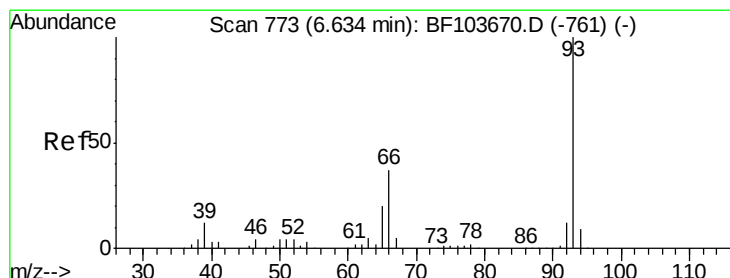
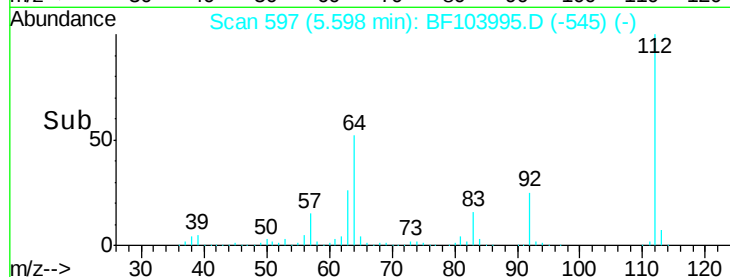
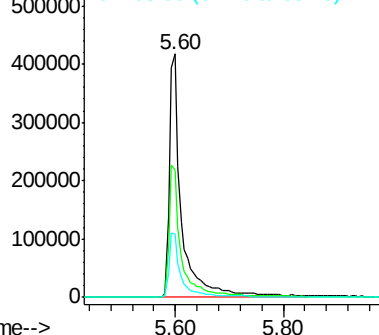
63 25.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 34.428 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

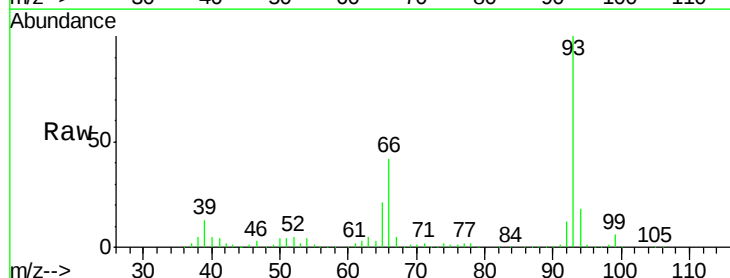
Tgt Ion: 93 Resp: 524266

Ion Ratio Lower Upper

93 100

66 42.1 32.2 48.2

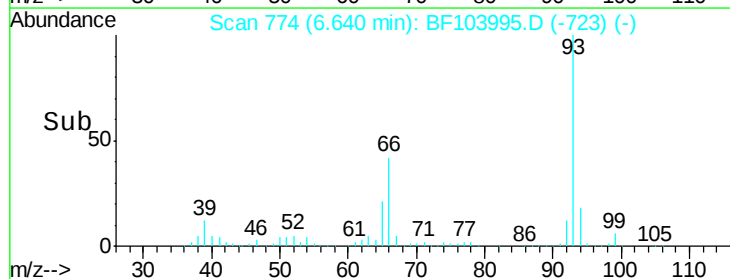
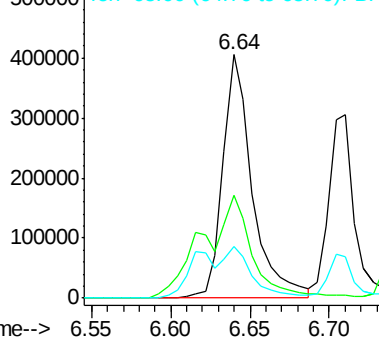
65 21.3 16.4 24.6

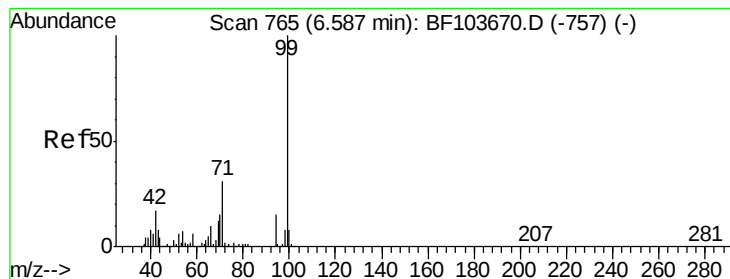


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.138 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103995.D

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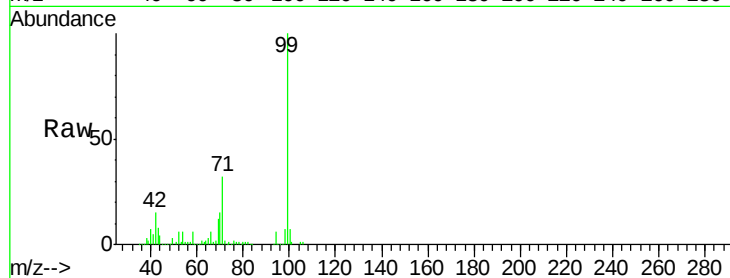
Tot Ion: 99 Resp: 790626

Ion Ratio Lower Upper

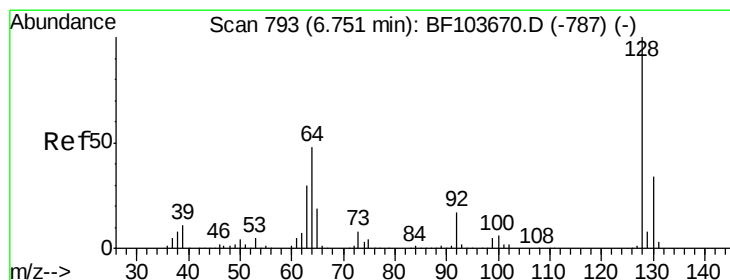
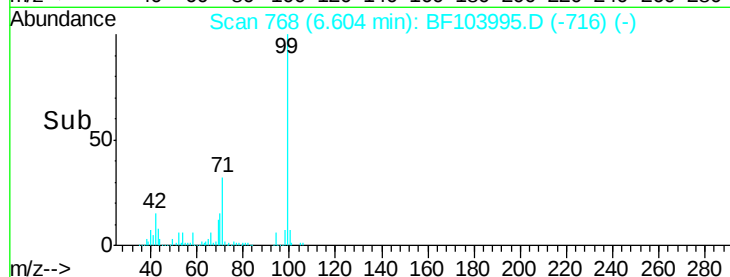
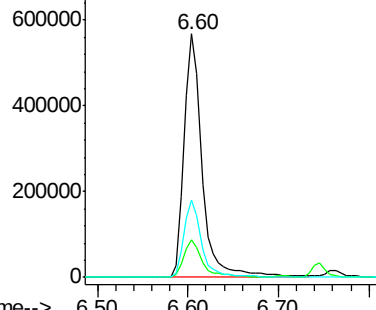
99 100

42 15.4 14.5 21.7

71 32.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.285 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

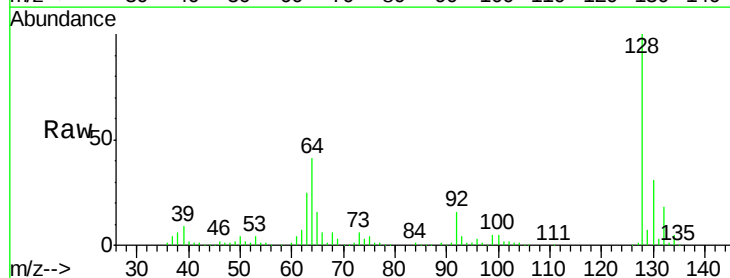
Tgt Ion: 128 Resp: 358723

Ion Ratio Lower Upper

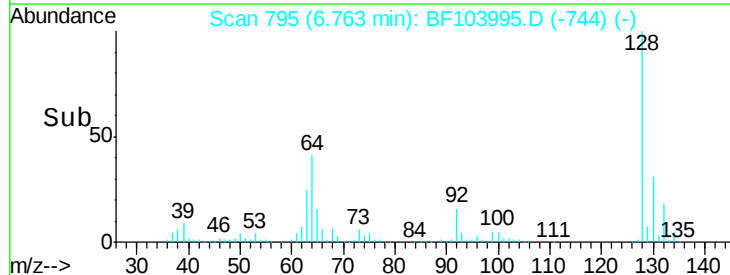
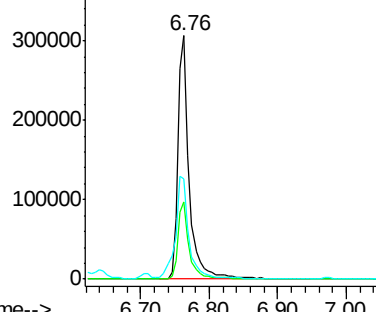
128 100

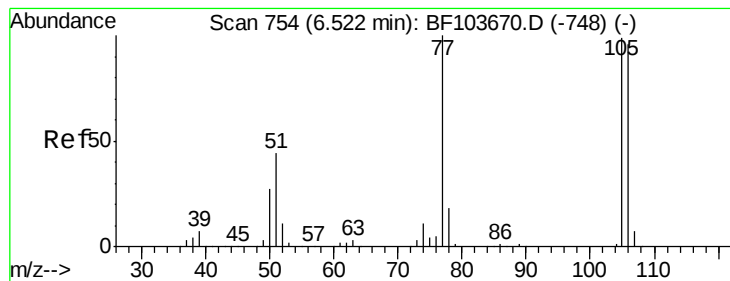
130 31.5 13.0 53.0

64 41.0 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): BF1





#9

Benzaldehyde

Concen: 31.430 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

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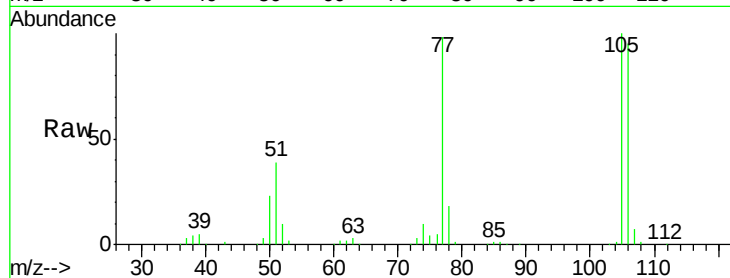
Tot Ion: 77 Resp: 220200

Ion Ratio Lower Upper

77 100

105 102.3 81.1 121.1

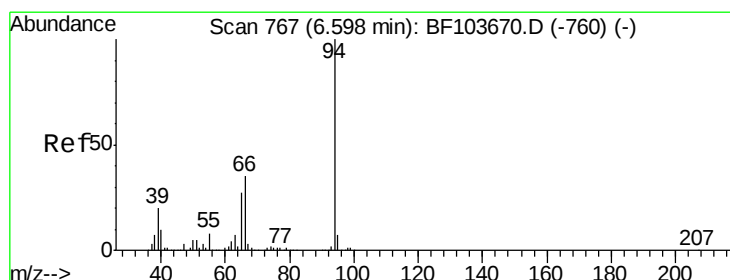
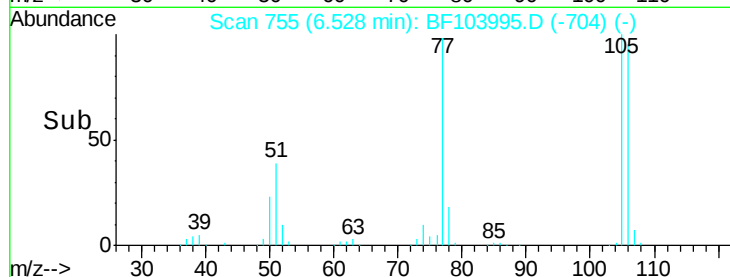
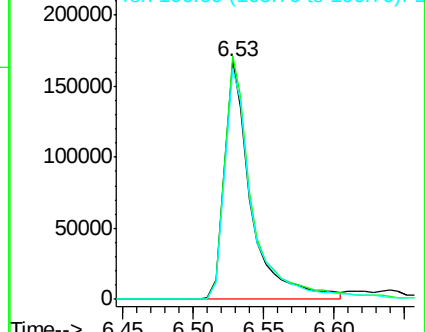
106 97.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.935 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

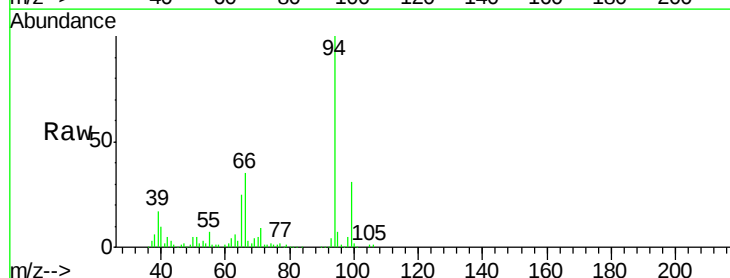
Tgt Ion: 94 Resp: 441214

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

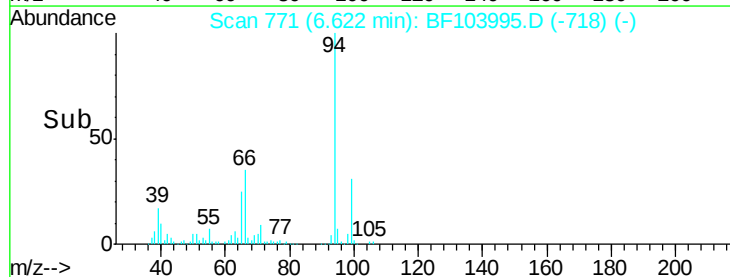
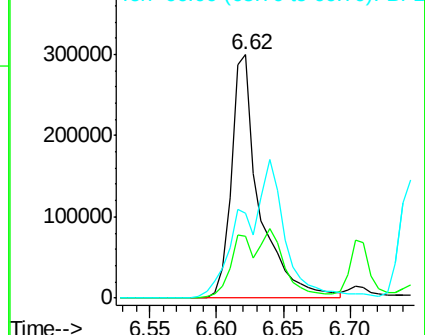
66 35.0 16.2 56.2

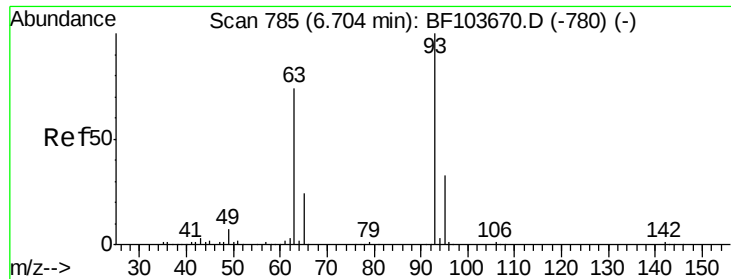


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

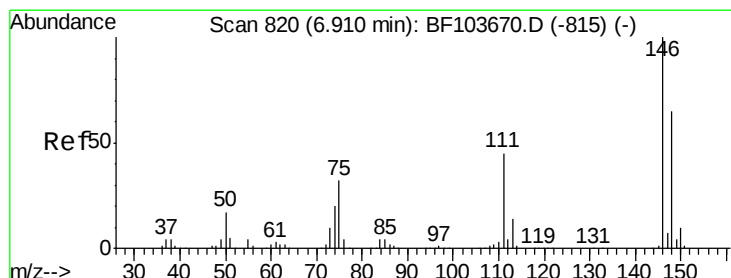
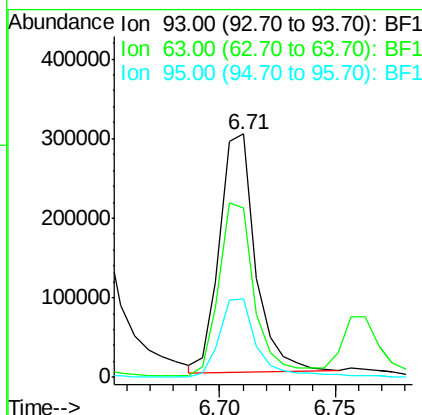
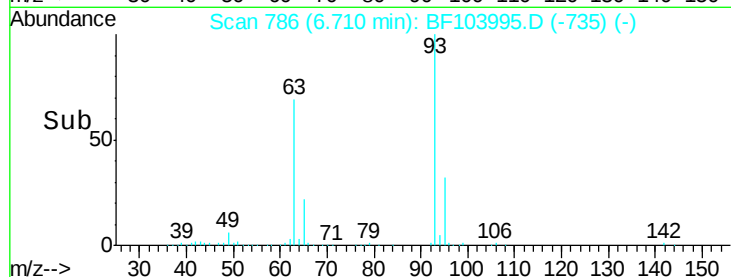
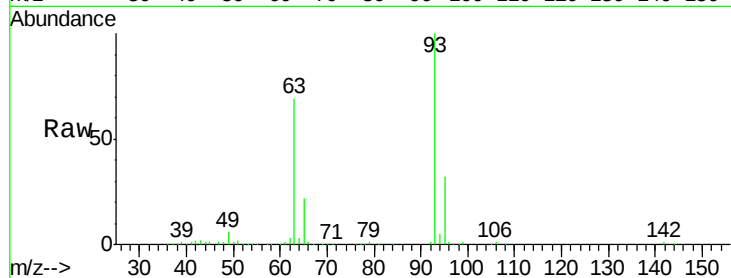




#11
bis(2-Chloroethyl)ether
Concen: 34.553 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

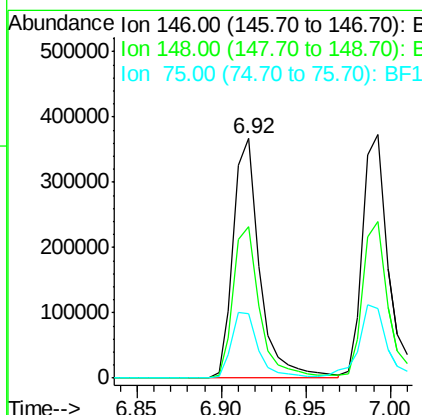
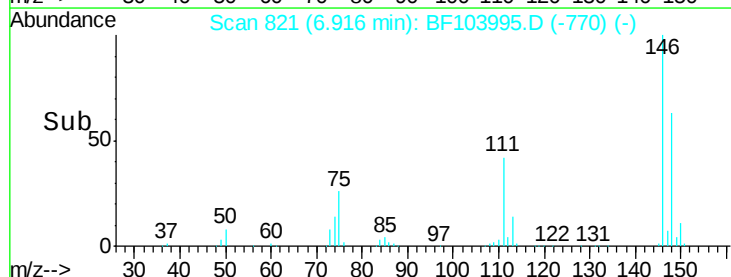
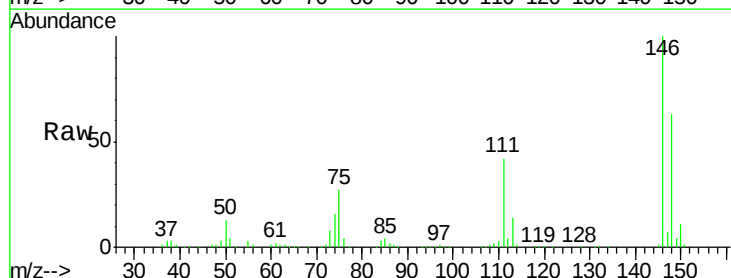
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

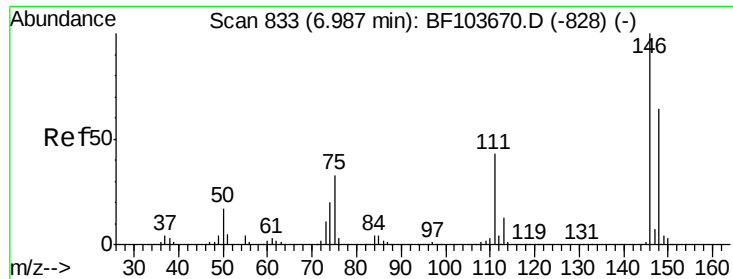
Tot Ion: 93 Resp: 323233
Ion Ratio Lower Upper
93 100
63 69.4 58.6 98.6
95 32.0 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 38.687 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 146 Resp: 402342
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
75 26.9 24.2 36.4

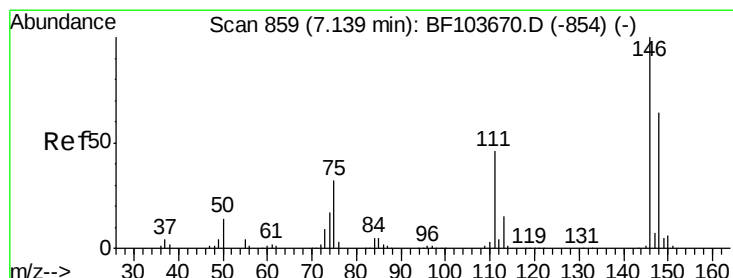
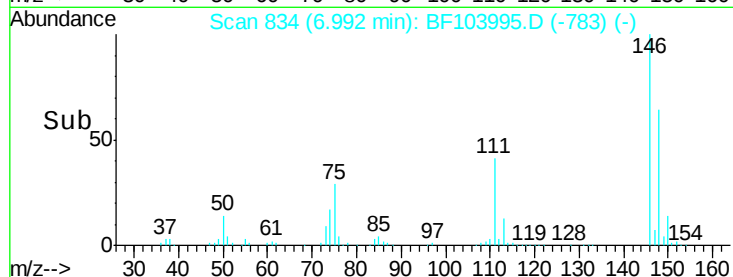
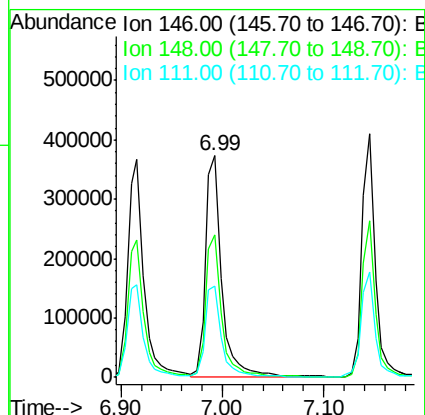
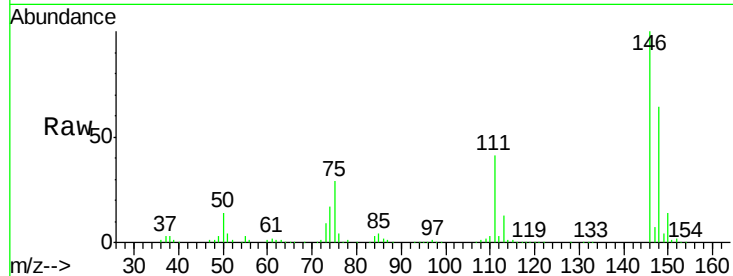




#13
 1,4-Dichlorobenzene
 Concen: 40.008 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

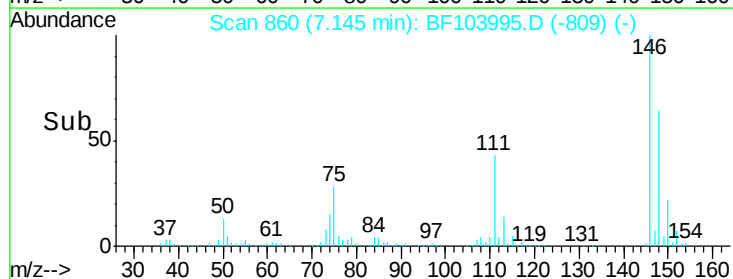
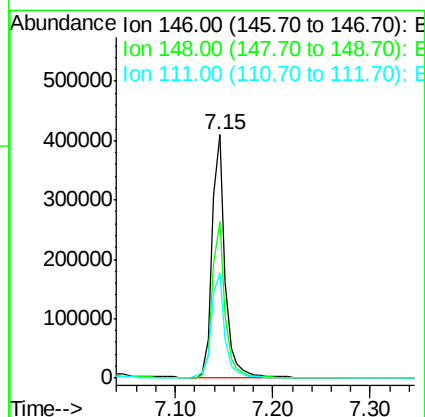
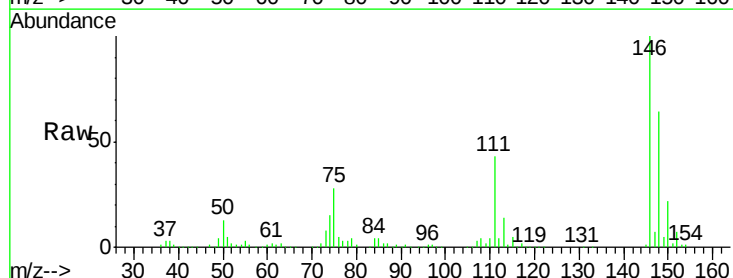
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

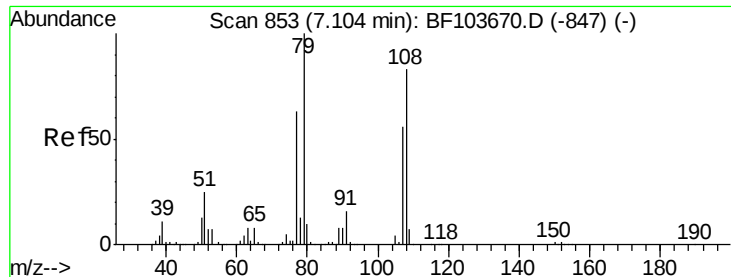
Tot Ion:146 Resp: 418106
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 41.2 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 39.026 ng
 RT: 7.15 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:146 Resp: 378455
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.6 75.8
 111 43.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.817 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

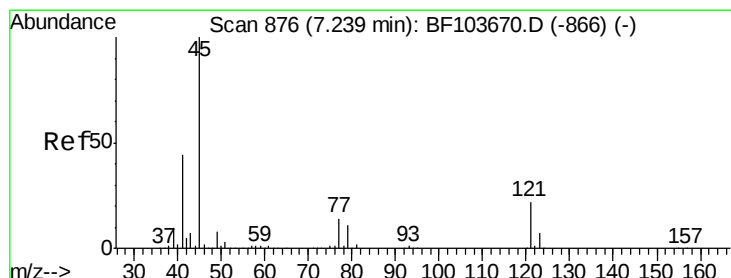
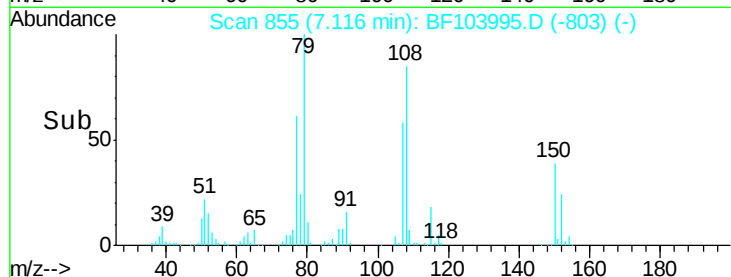
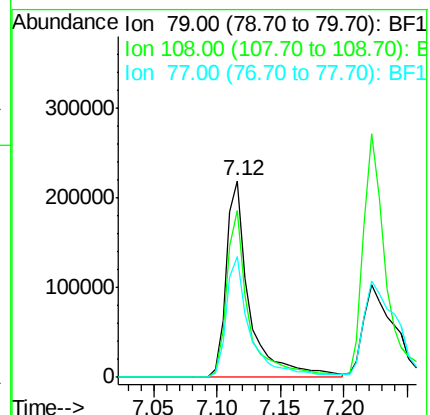
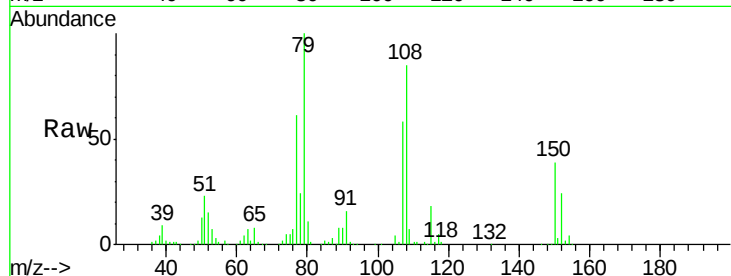
Tot Ion: 79 Resp: 279427

Ion Ratio Lower Upper

79 100

108 84.9 65.1 97.7

77 61.2 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.854 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

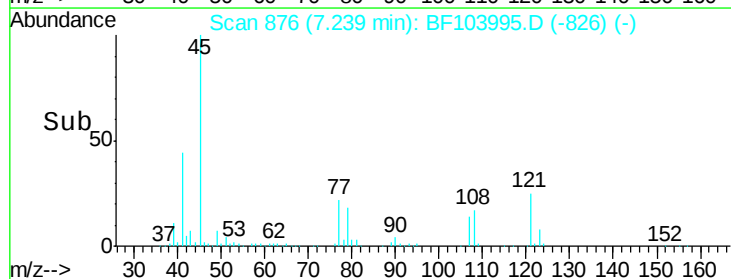
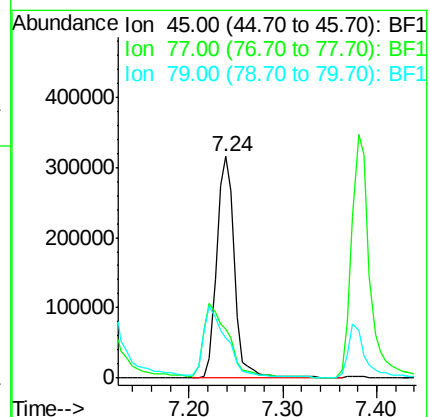
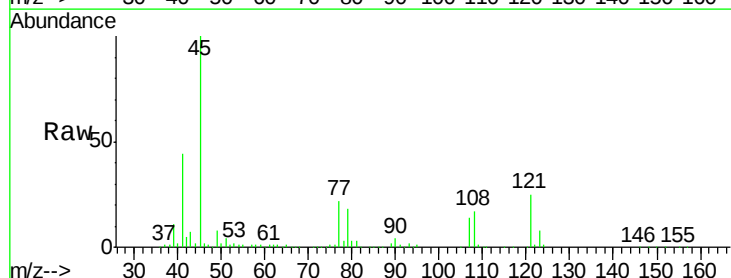
Tgt Ion: 45 Resp: 423833

Ion Ratio Lower Upper

45 100

77 22.2 0.0 32.9

79 18.2 0.0 29.6

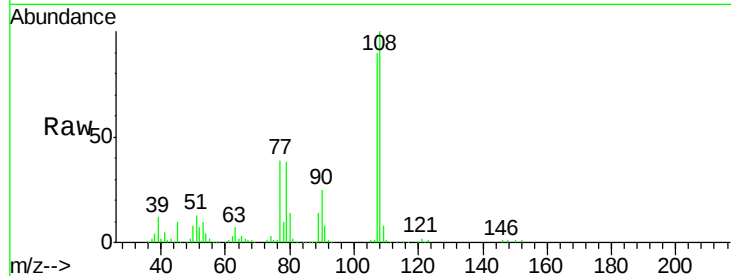




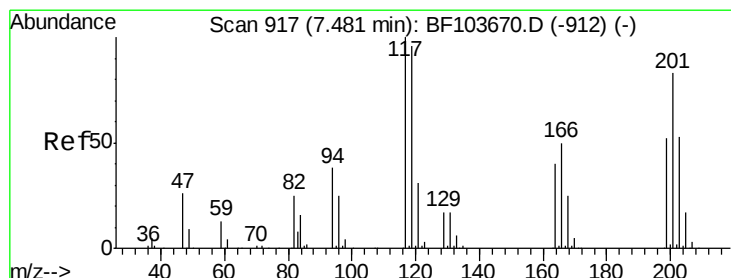
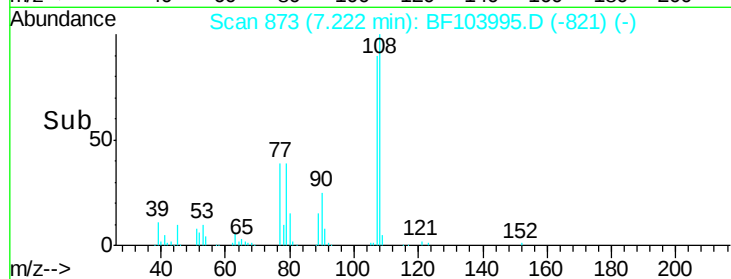
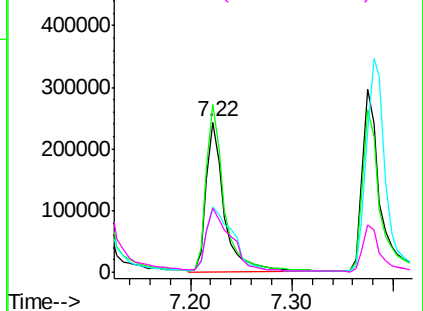
#17
2-Methylphenol
Concen: 36.987 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	300764
Ion	Ratio	Lower	Upper
107	100		
108	111.6	91.7	137.5
77	44.0	33.8	50.8
79	42.5	33.8	50.8

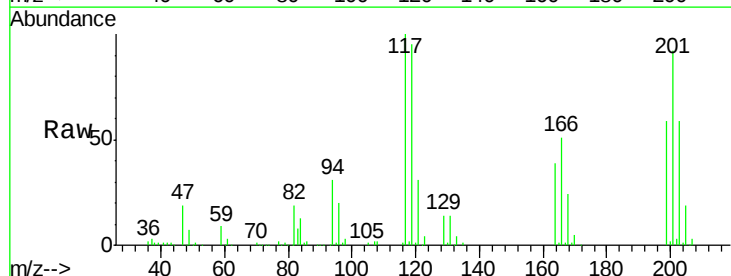


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

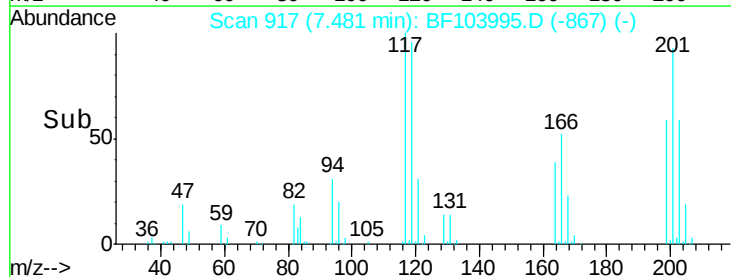
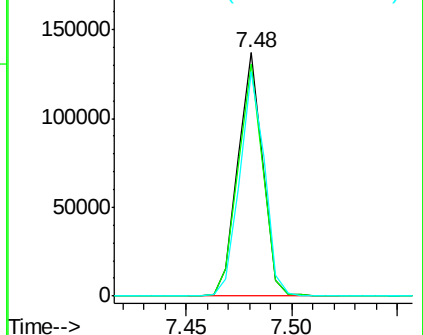


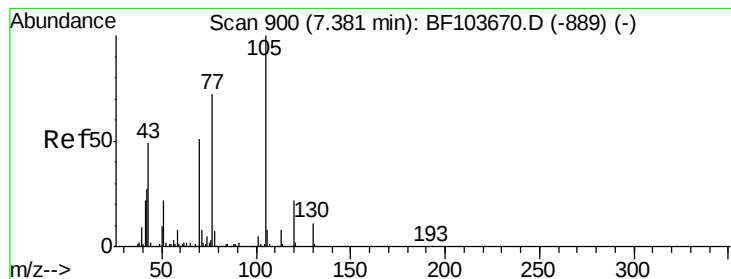
#18
Hexachloroethane
Concen: 30.021 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:	117	Resp:	110357
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.8
201	92.2	75.7	113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 34.138 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 233313

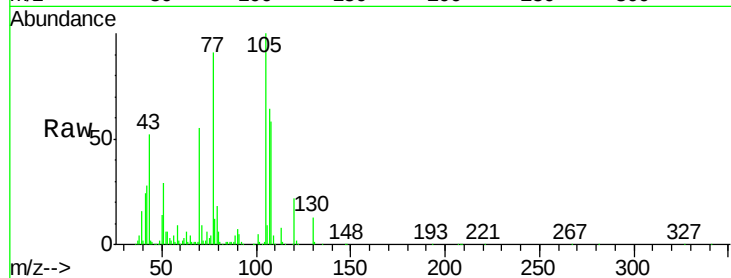
Ion	Ratio	Lower	Upper
70	100		
42	51.8	47.5	71.3
101	9.5	7.4	11.2
130	23.1	16.6	25.0

70 100

42 51.8 47.5 71.3

101 9.5 7.4 11.2

130 23.1 16.6 25.0



Abundance

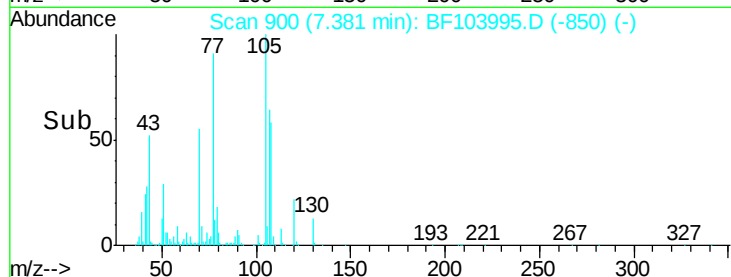
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

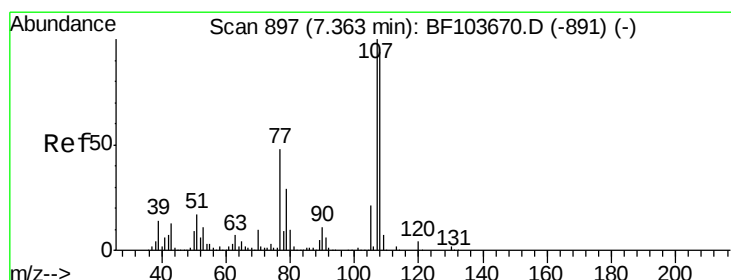
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 36.152 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion:107 Resp: 373081

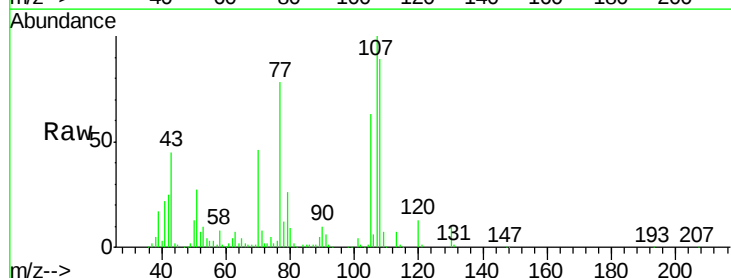
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	77.5	26.7	66.7#
79	26.3	6.3	46.3

107 100

108 88.8 68.2 108.2

77 77.5 26.7 66.7#

79 26.3 6.3 46.3



Abundance

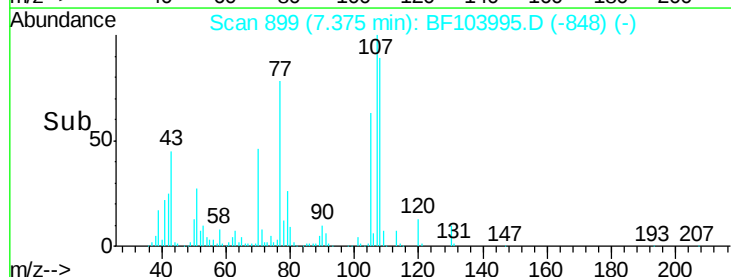
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

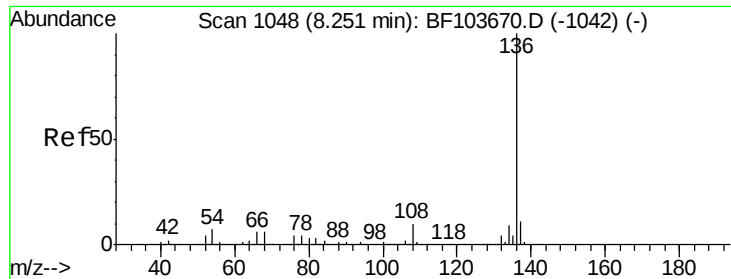
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

Time-->



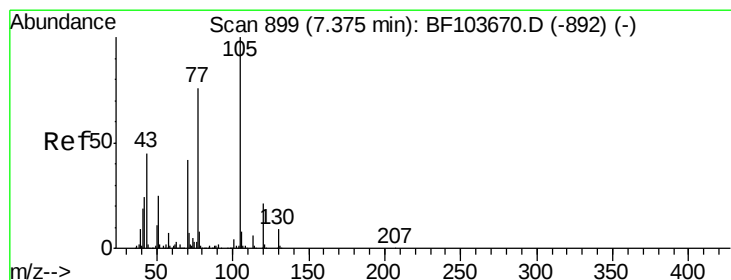
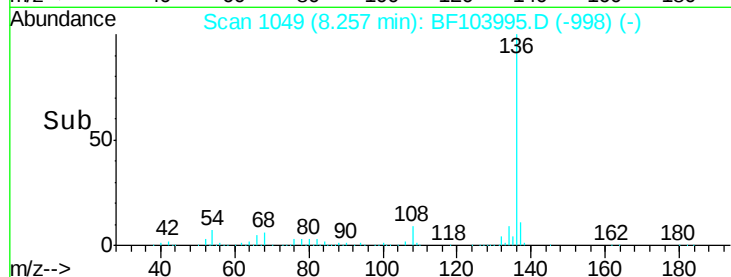
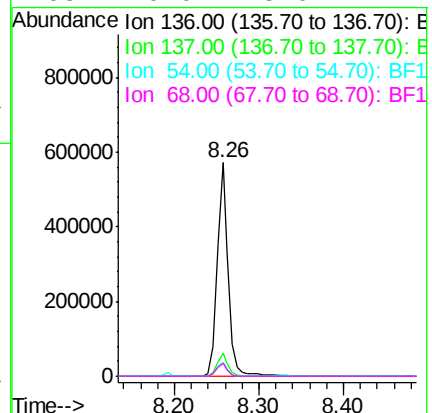
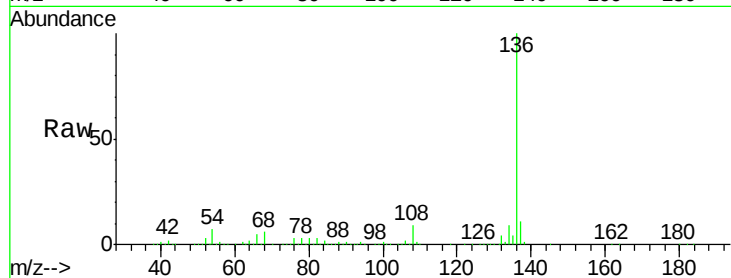
Time-->



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

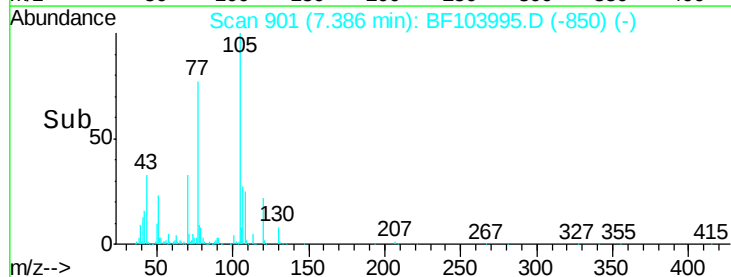
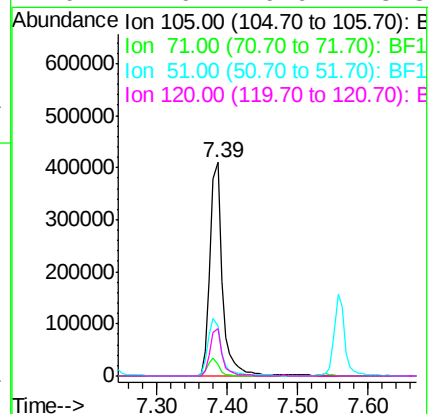
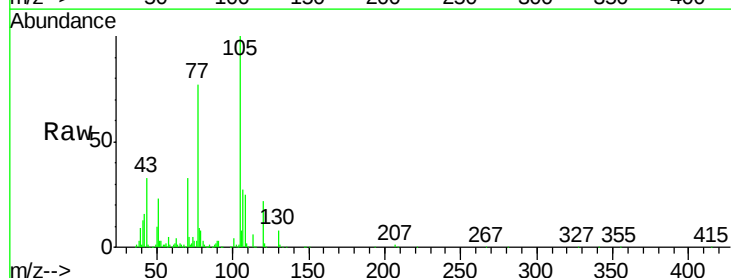
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

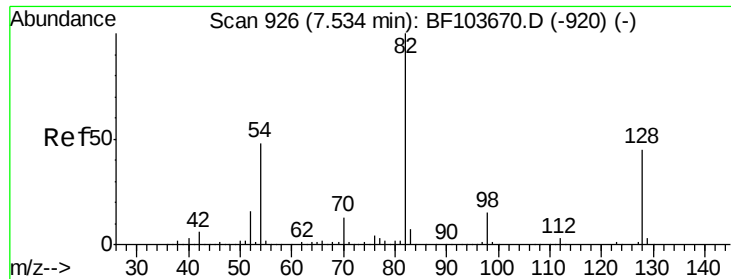
Tot Ion:136	Resp:	532792
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	6.6	6.6 9.8
68	6.0	5.0 7.4



#22
Acetophenone
Concen: 36.949 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:105	Resp:	505939
Ion Ratio	Lower	Upper
105	100	
71	5.3	4.4 6.6
51	23.3	22.3 33.5
120	21.9	16.9 25.3

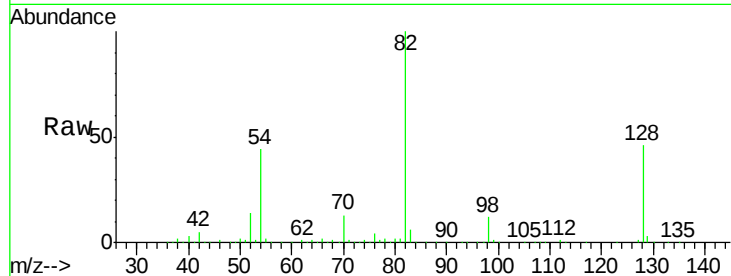




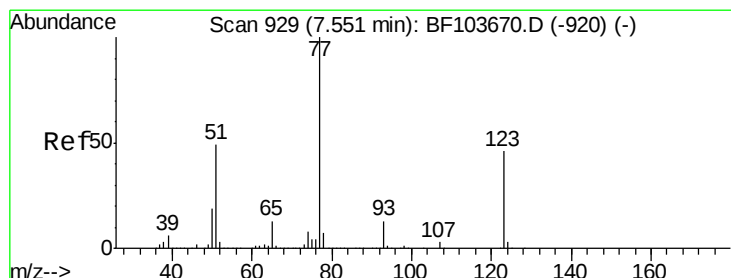
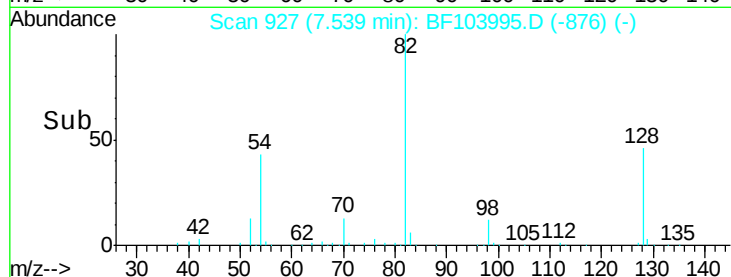
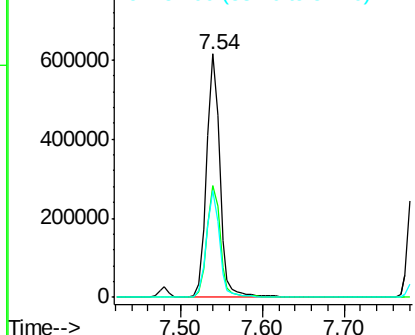
#23
 Nitrobenzene-d5
 Concen: 91.288 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion: 82 Resp: 697451
 Ion Ratio Lower Upper
 82 100
 128 46.1 36.1 54.1
 54 43.6 41.4 62.2

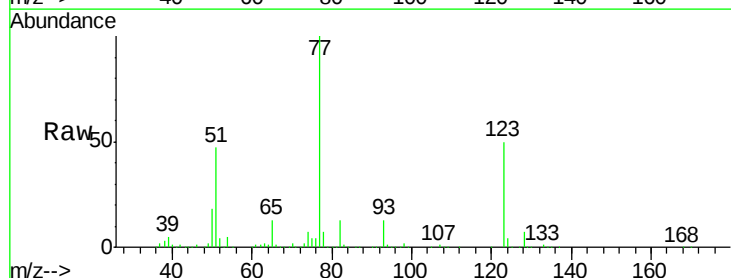


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

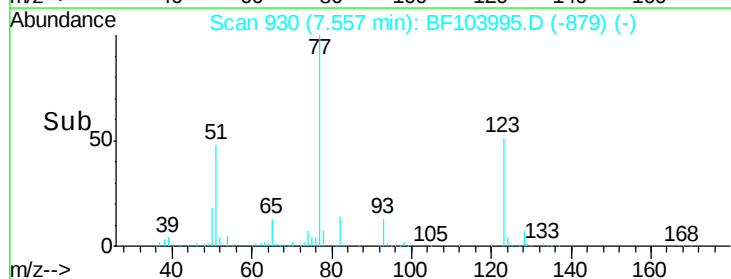
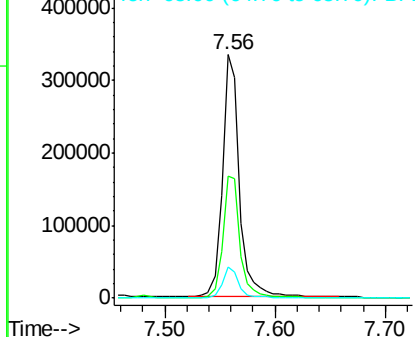


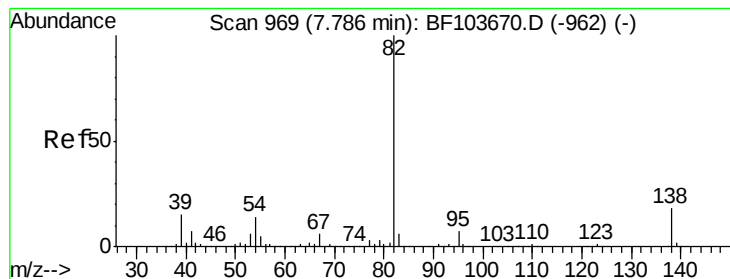
#24
 Nitrobenzene
 Concen: 39.701 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion: 77 Resp: 356103
 Ion Ratio Lower Upper
 77 100
 123 50.0 37.9 56.9
 65 13.0 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 36.173 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

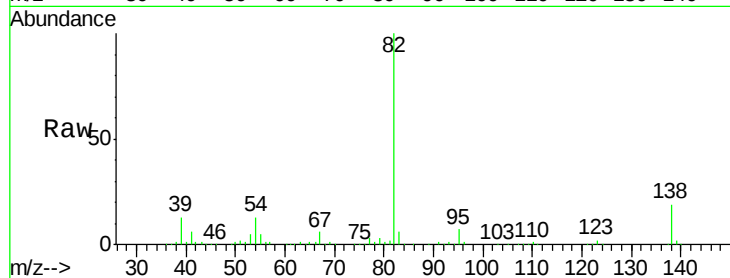
Tot Ion: 82 Resp: 639762

Ion Ratio Lower Upper

82 100

95 6.9 5.2 7.8

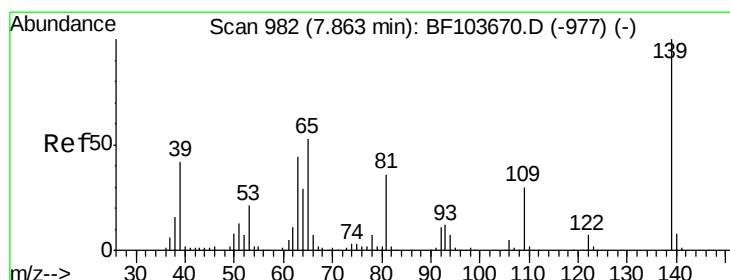
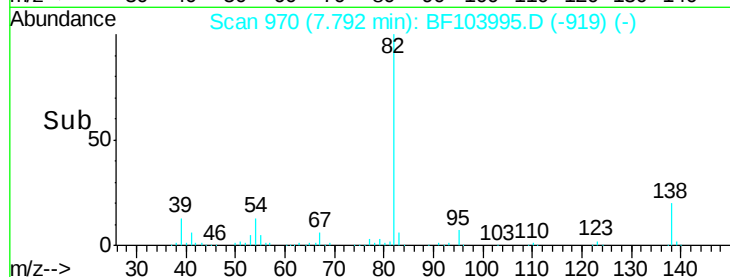
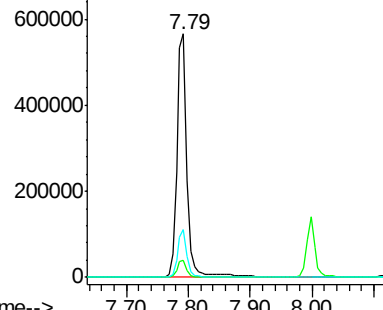
138 19.4 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.239 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

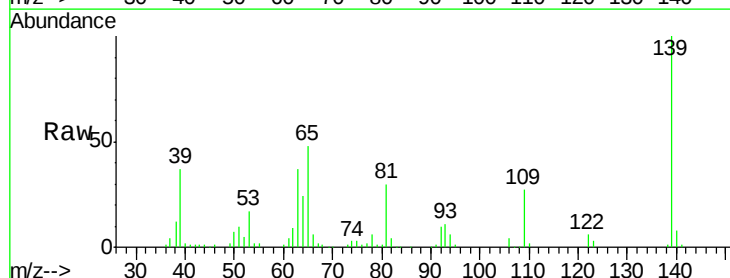
Tgt Ion: 139 Resp: 147827

Ion Ratio Lower Upper

139 100

109 26.7 22.7 34.1

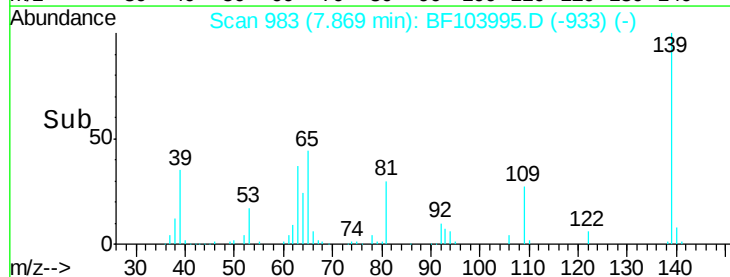
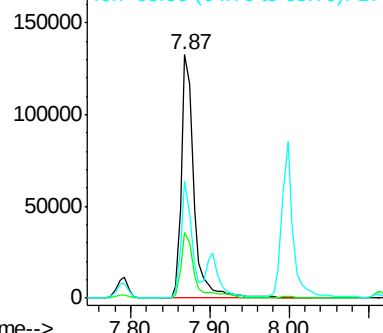
65 48.0 40.5 60.7

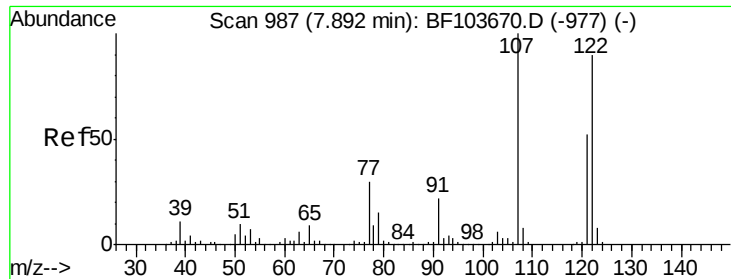


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 36.126 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

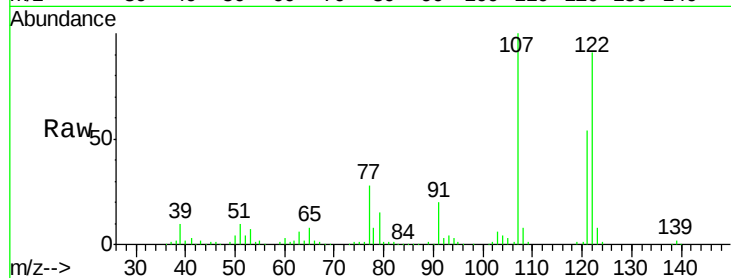
Tot Ion:122 Resp: 273720

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

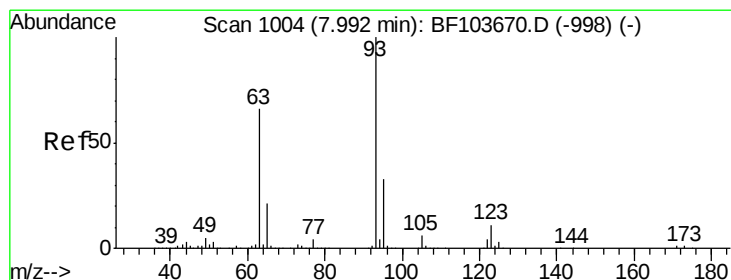
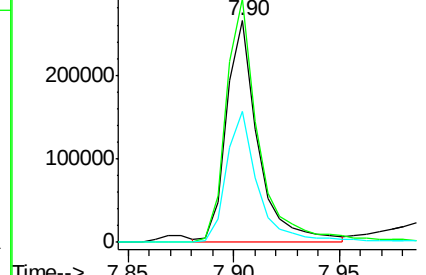
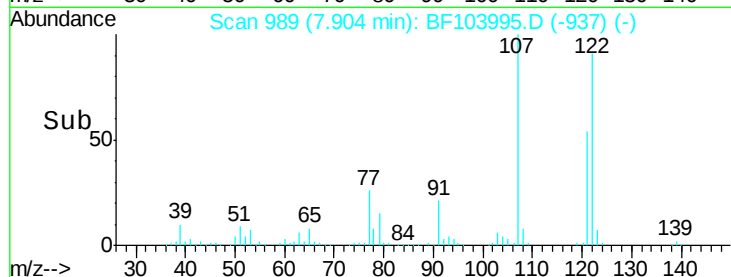
121 59.1 47.2 70.8



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: 37.808 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

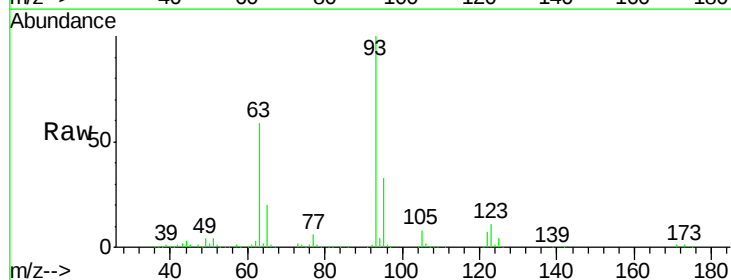
Tgt Ion: 93 Resp: 404918

Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

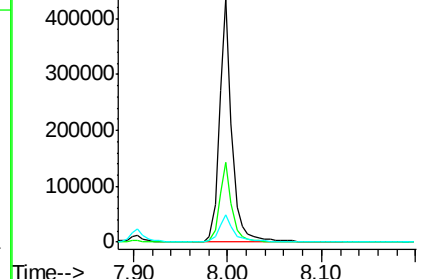
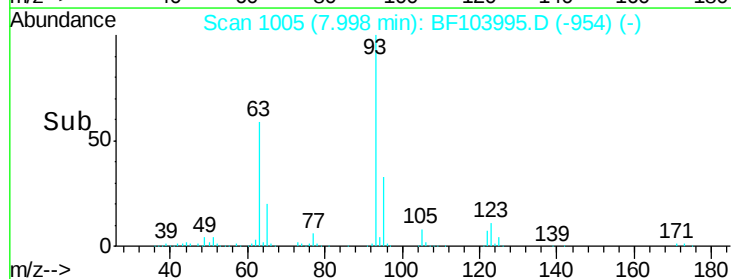
123 11.4 9.8 14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.461 ng

RT: 8.12 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

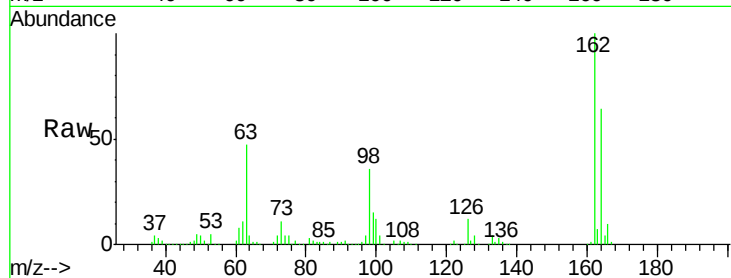
Tot Ion:162 Resp: 285808

Ion Ratio Lower Upper

162 100

164 63.6 42.7 82.7

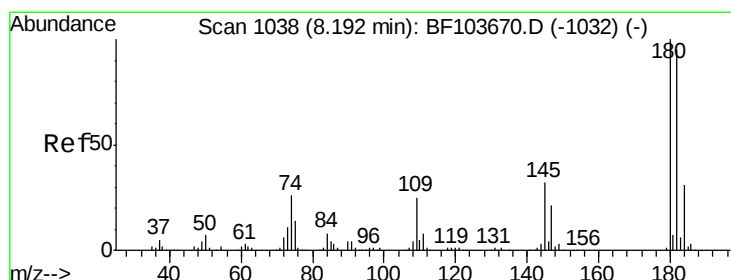
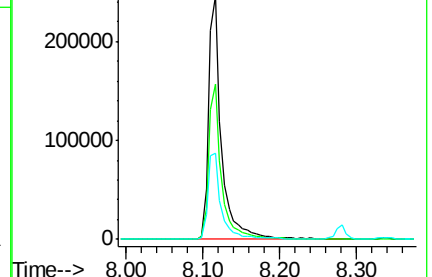
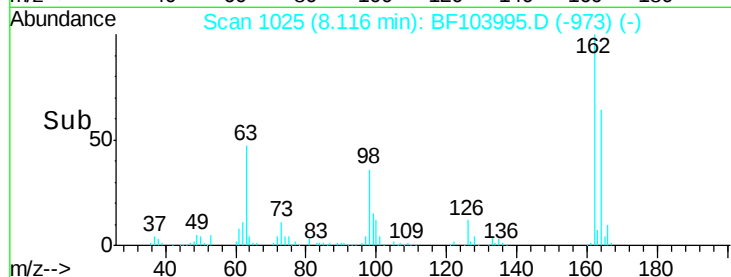
98 35.5 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 39.859 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

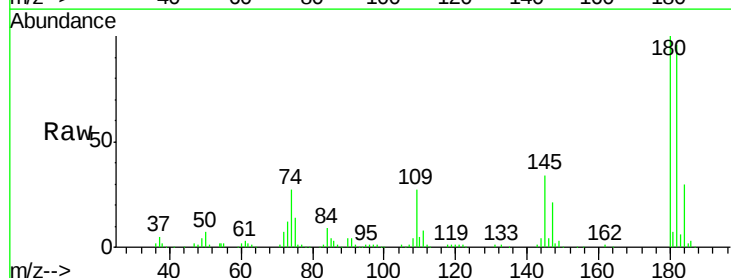
Tgt Ion:180 Resp: 318678

Ion Ratio Lower Upper

180 100

182 96.2 76.8 115.2

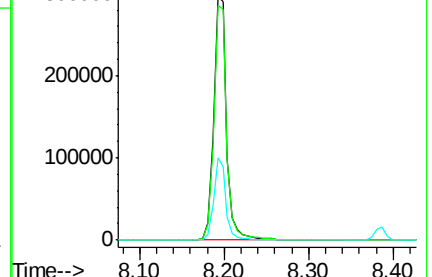
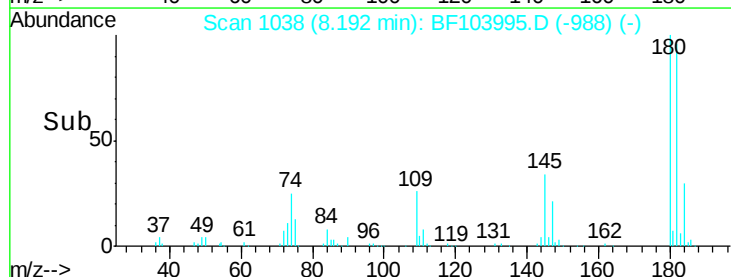
145 33.6 26.5 39.7

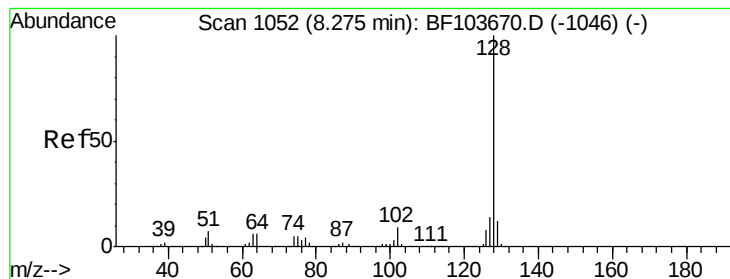


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.604 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

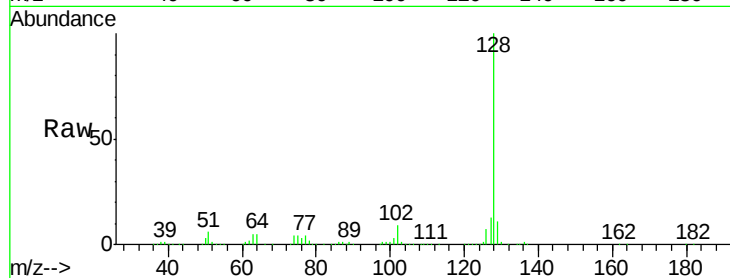
Tot Ion:128 Resp: 1012068

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

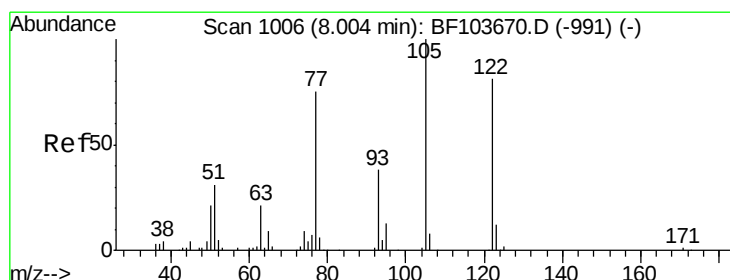
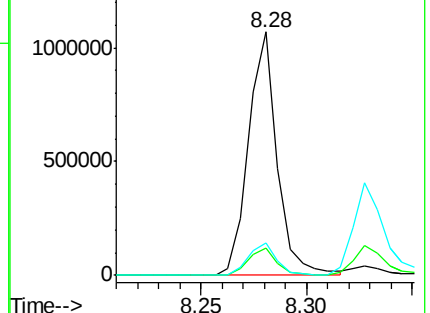
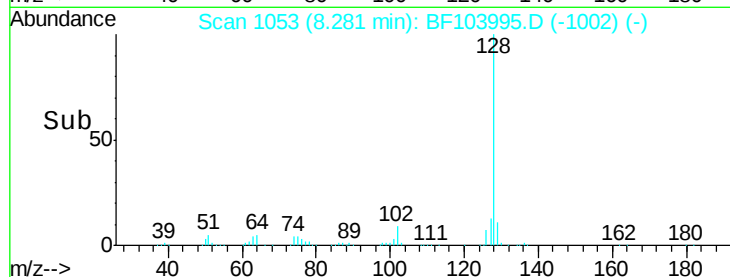
127 13.4 10.9 16.3



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: 36.570 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

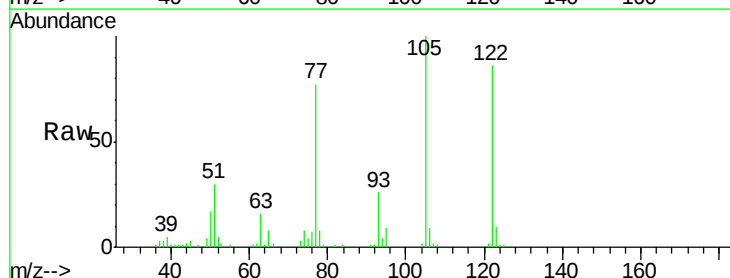
Tgt Ion:122 Resp: 179622

Ion Ratio Lower Upper

122 100

105 115.9 101.1 141.1

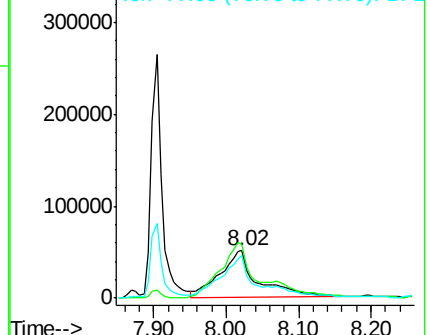
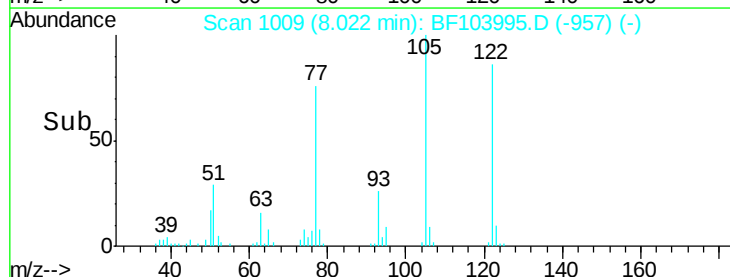
77 89.4 70.7 110.7

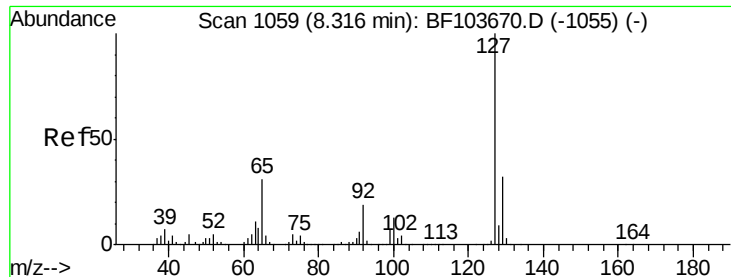


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

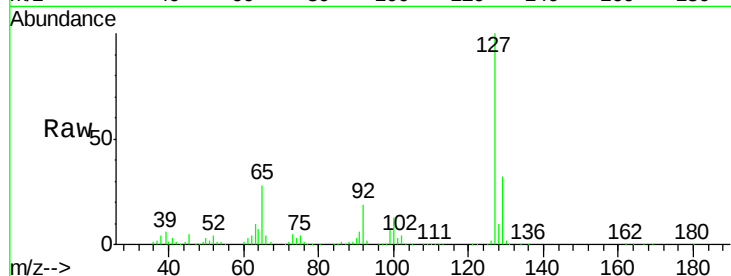




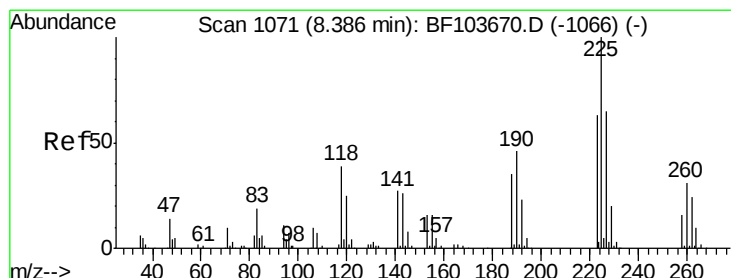
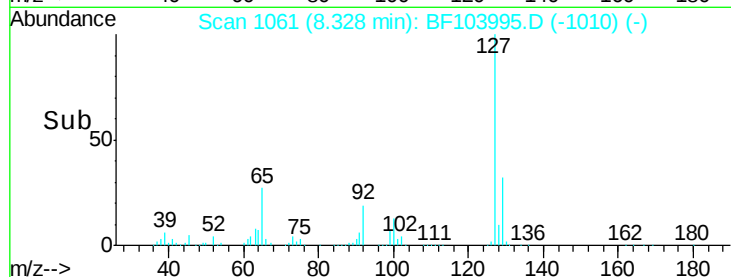
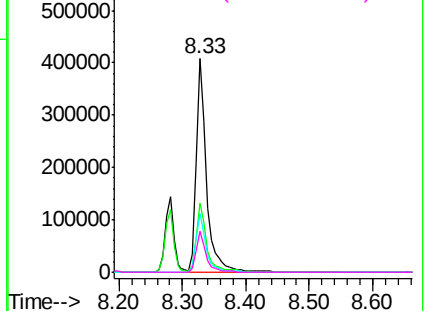
#33
4-Chloroaniline
Concen: 39.658 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	447788
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	27.8	25.0	37.4
92	18.9	15.2	22.8

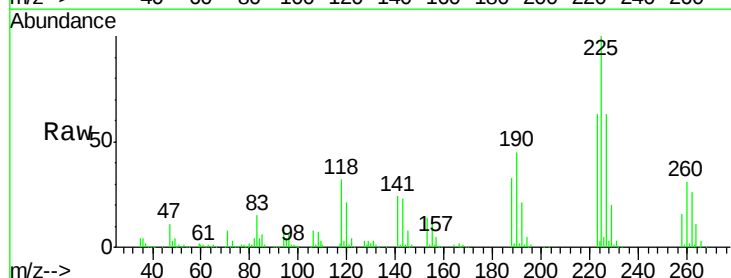


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

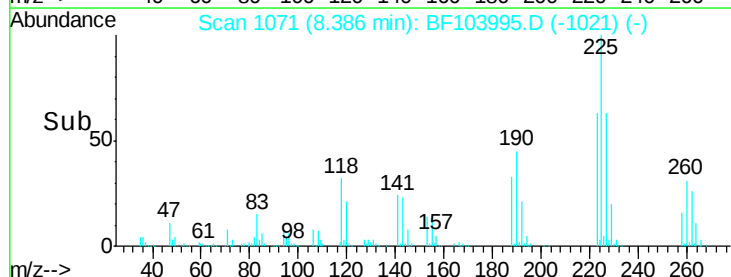
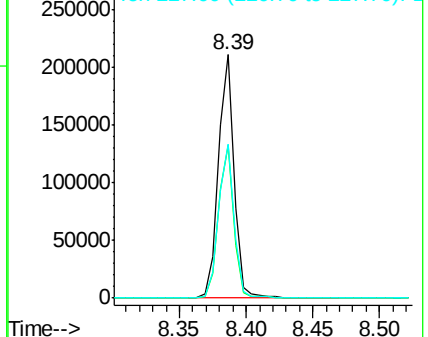


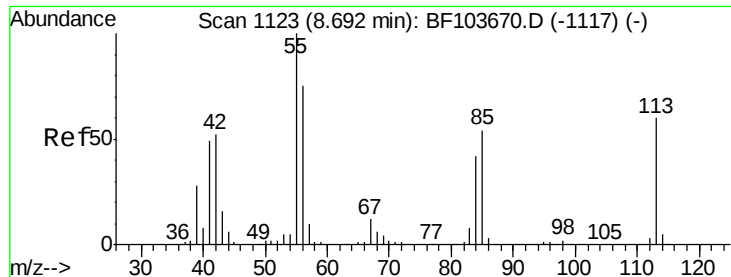
#34
Hexachlorobutadiene
Concen: 40.022 ng
RT: 8.39 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:	225	Resp:	175439
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.4	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

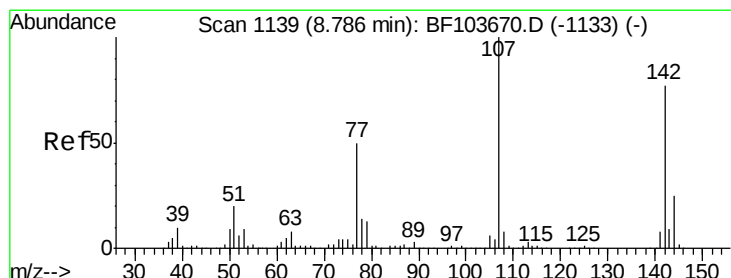
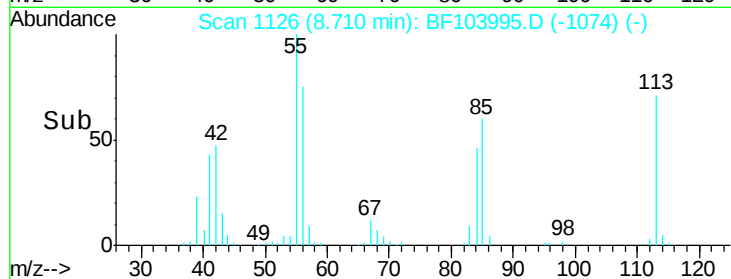
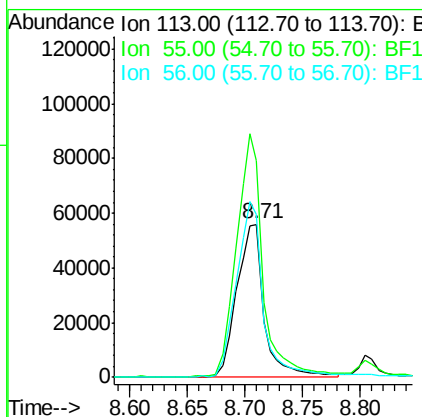
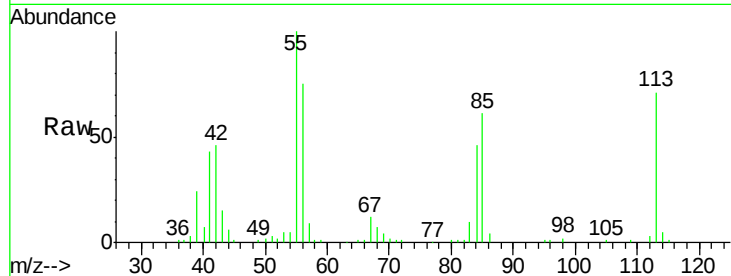




#35
 Caprolactam
 Concen: 38.788 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

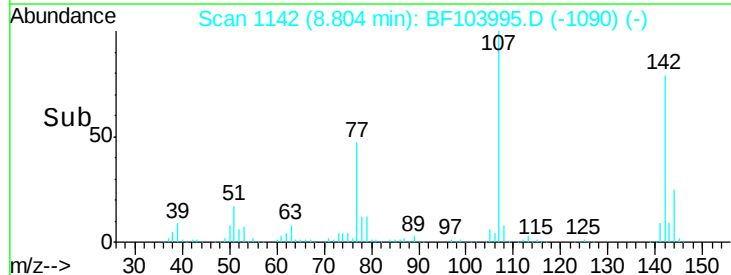
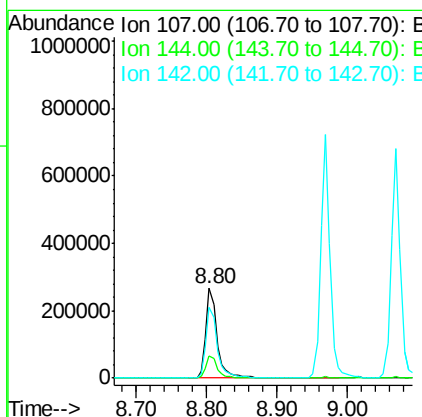
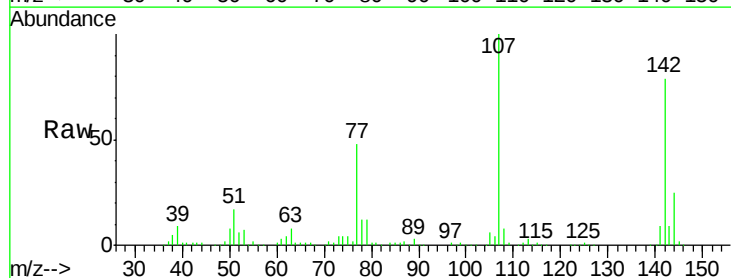
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

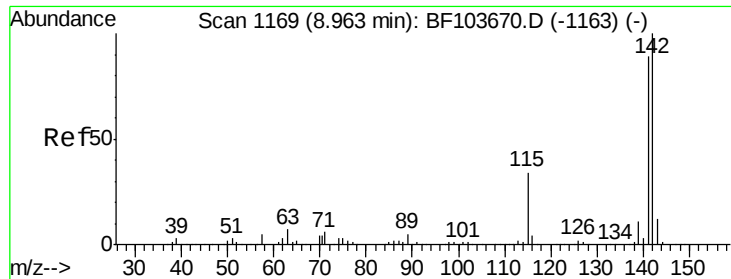
Tot Ion:113 Resp: 92069
 Ion Ratio Lower Upper
 113 100
 55 141.5 163.3 203.3#
 56 106.2 115.7 155.7#



#36
 4-Chloro-3-methylphenol
 Concen: 39.194 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:107 Resp: 297846
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.5 30.7
 142 78.6 62.0 93.0

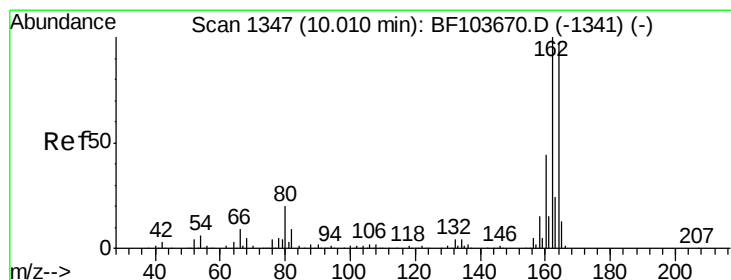
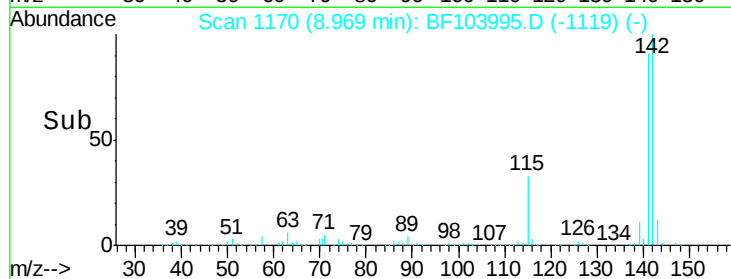
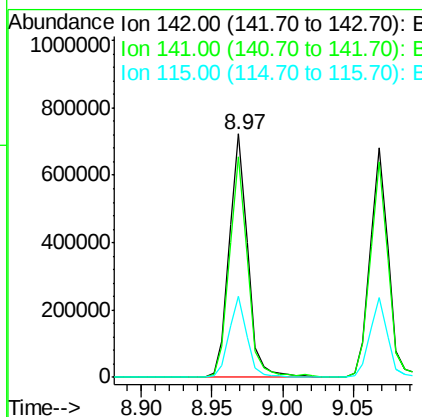
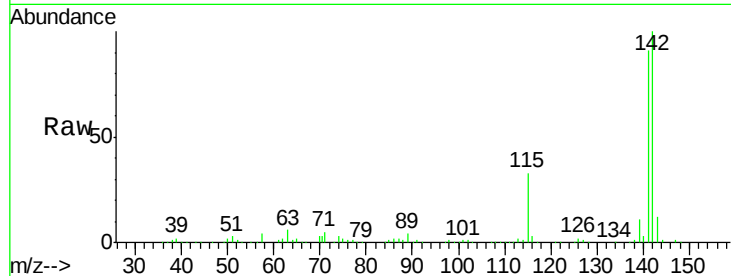




#37
 2-Methylnaphthalene
 Concen: 38.609 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

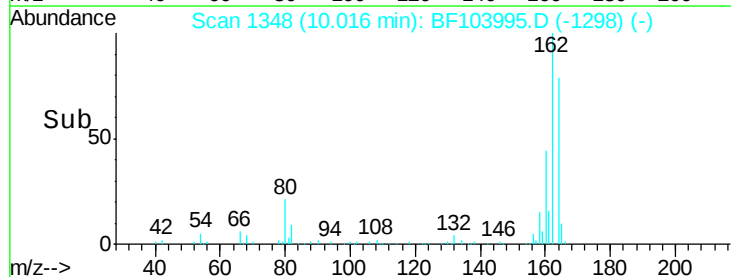
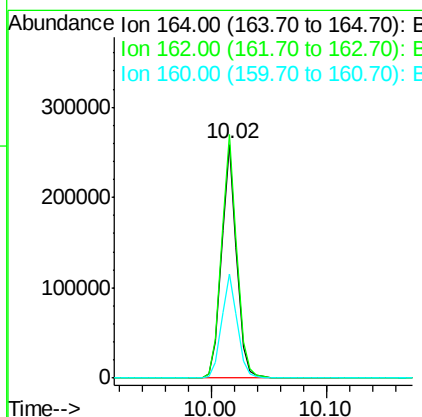
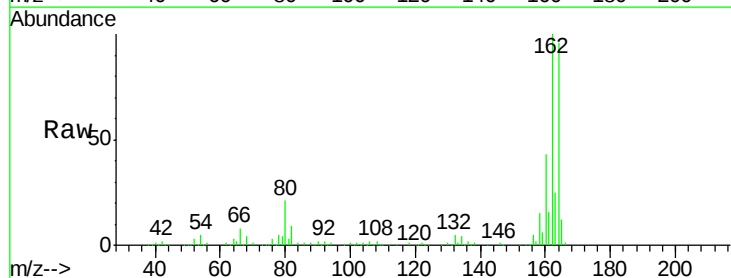
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

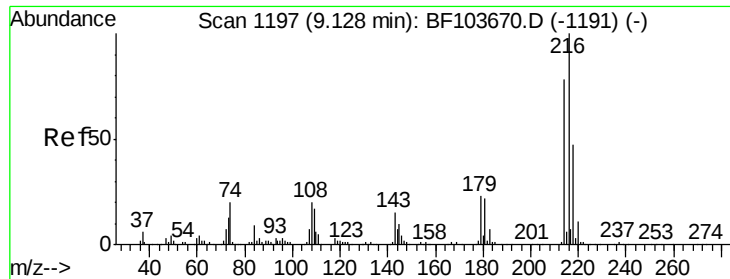
Tot Ion:	142	Resp:	658967
Ion Ratio	Lower	Upper	
142	100		
141	90.8	70.8	106.2
115	33.1	26.1	39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:	164	Resp:	234445
Ion Ratio	Lower	Upper	
164	100		
162	104.3	86.1	129.1
160	44.7	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.795 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 292921

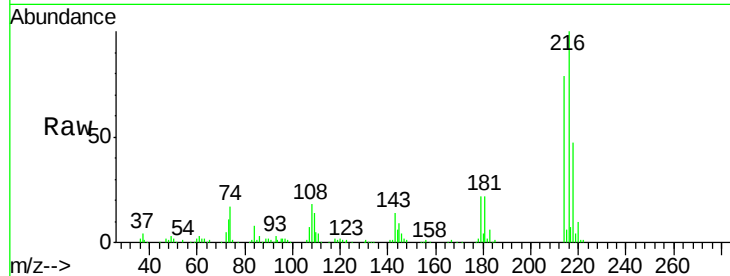
Ion Ratio Lower Upper

216 100

214 79.2 63.0 94.4

179 22.0 18.1 27.1

108 18.3 17.2 25.8

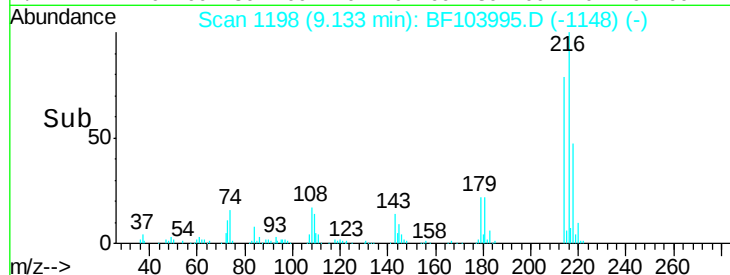


Abundance Ion 216.00 (215.70 to 216.70): E

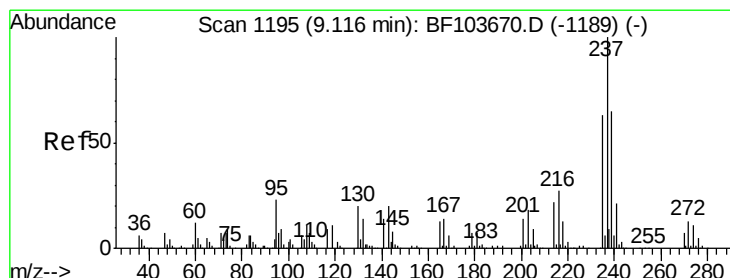
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 4.401 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

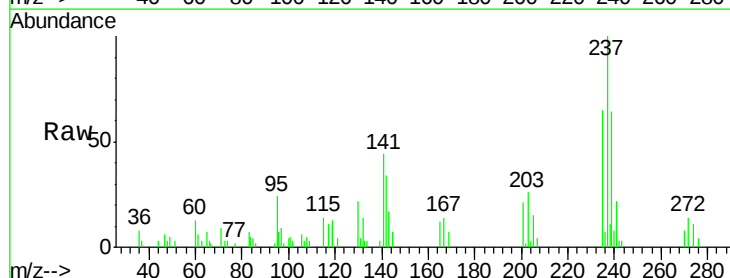
Tgt Ion:237 Resp: 15189

Ion Ratio Lower Upper

237 100

235 65.1 44.8 84.8

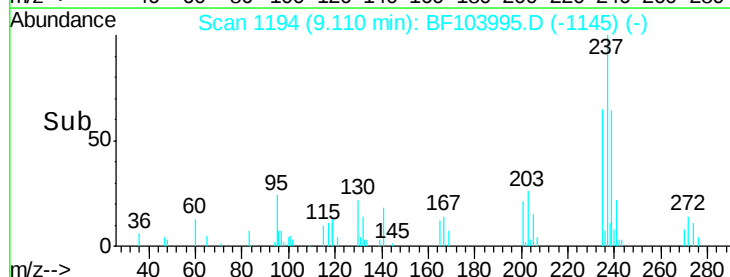
272 14.0 0.0 33.3



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



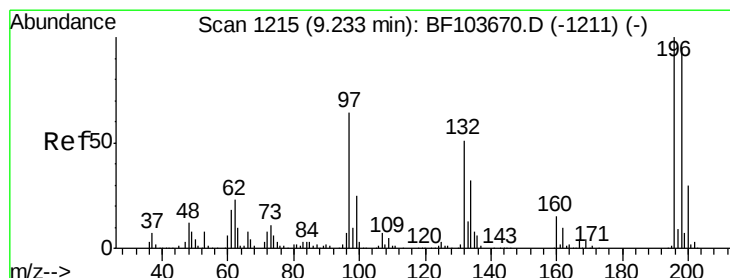
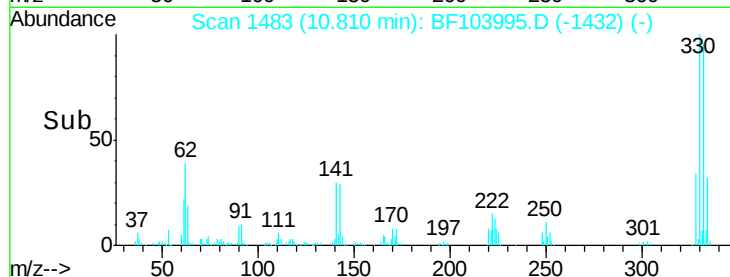
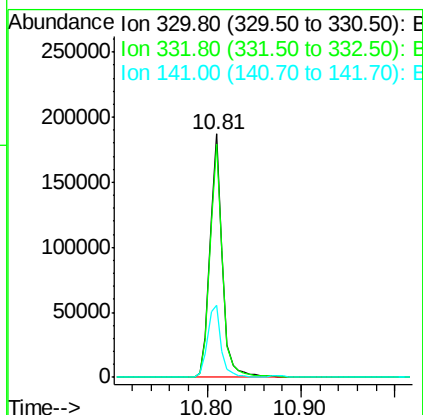
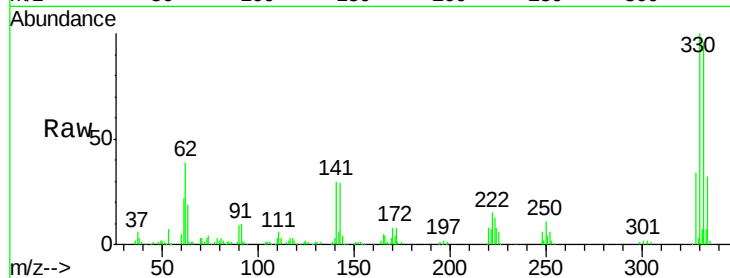
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 87.383 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

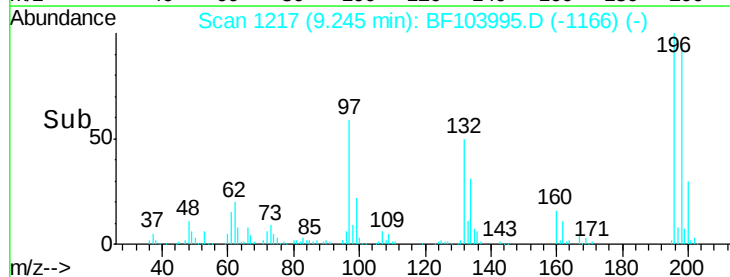
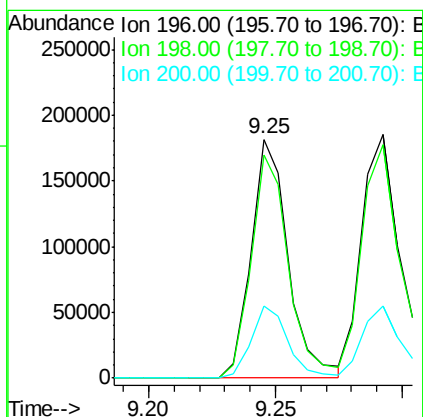
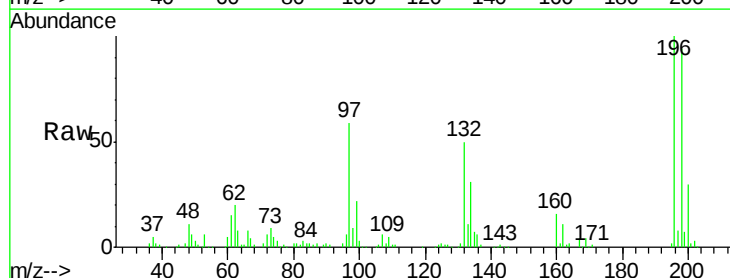
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

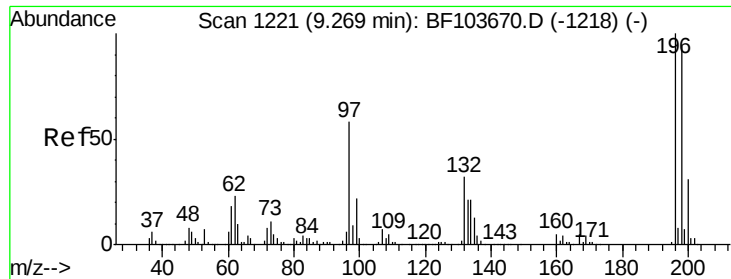
Tot Ion:330 Resp: 176145
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.4 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 43.384 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:196 Resp: 185600
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.7 113.5
 200 30.3 24.5 36.7

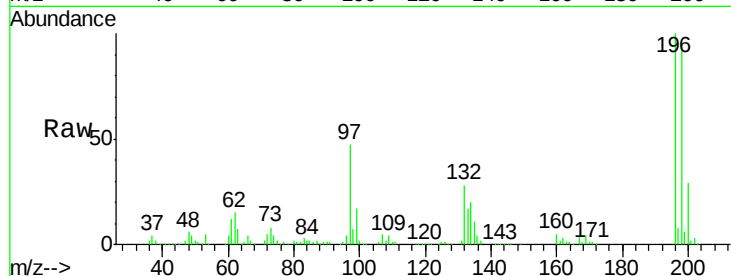




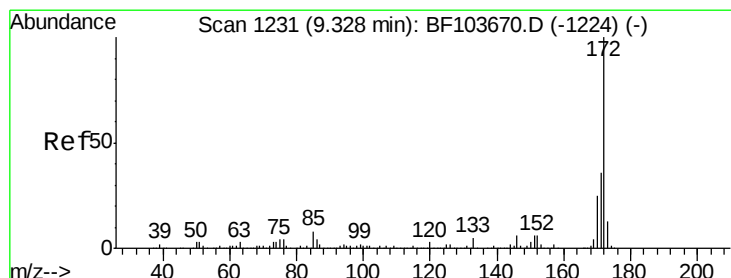
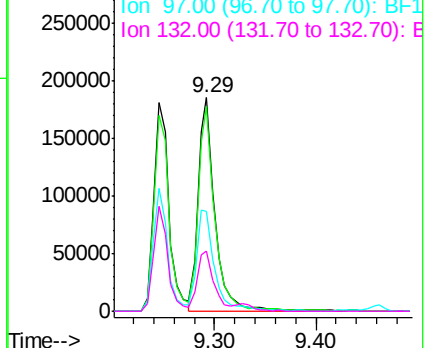
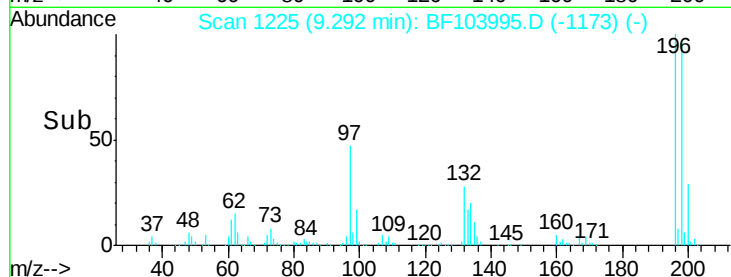
#43
 2,4,5-Trichlorophenol
 Concen: 43.458 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196 Resp: 209844
 Ion Ratio Lower Upper
 196 100
 198 95.6 74.6 112.0
 97 46.8 42.9 64.3
 132 28.1 26.3 39.5

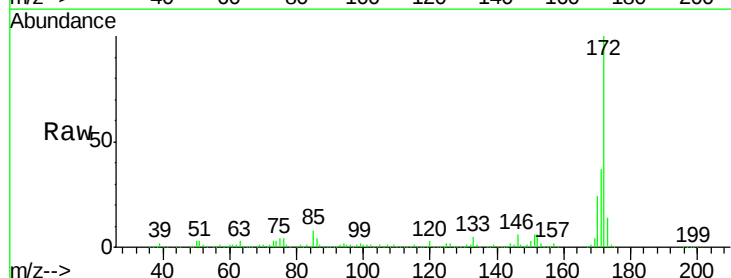


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

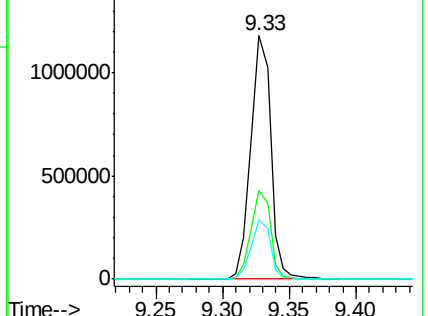
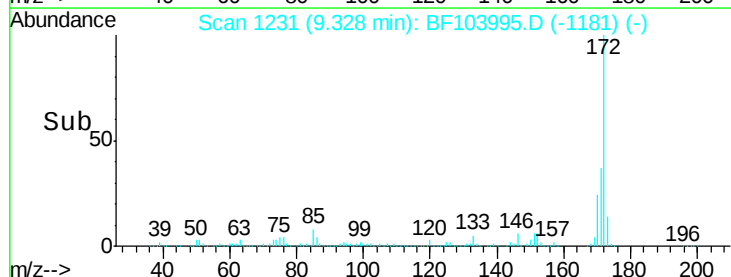


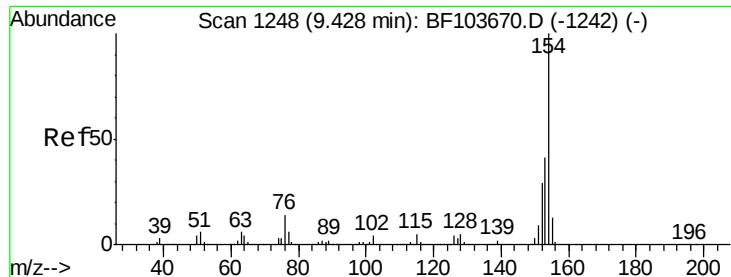
#44
 2-Fluorobiphenyl
 Concen: 82.918 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:172 Resp: 1218680
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.2 19.6 29.4



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

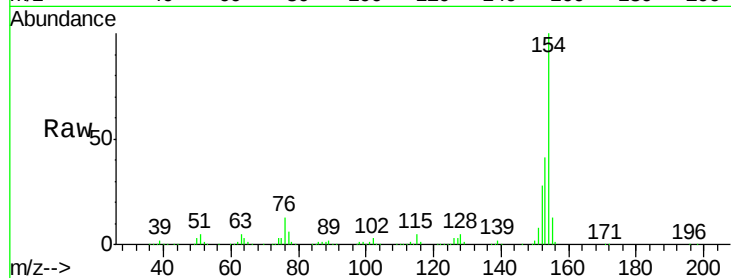




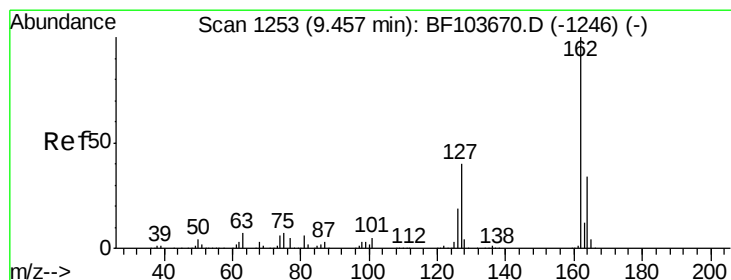
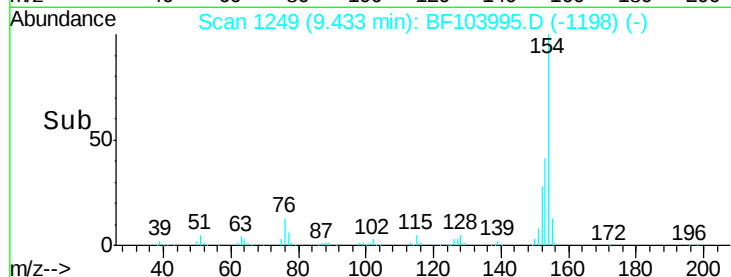
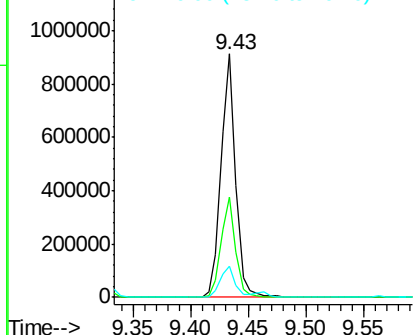
#45
 1,1'-Biphenyl
 Concen: 41.227 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	12.8	0.0	34.0

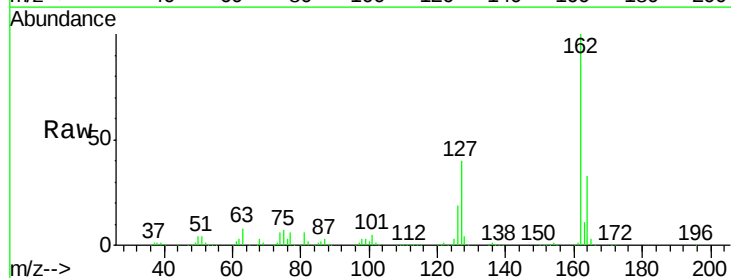


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

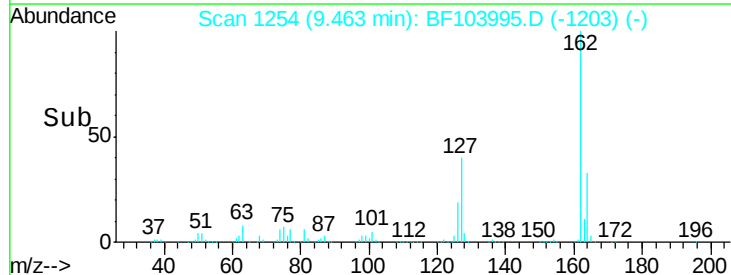
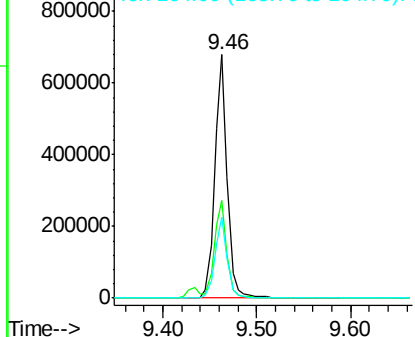


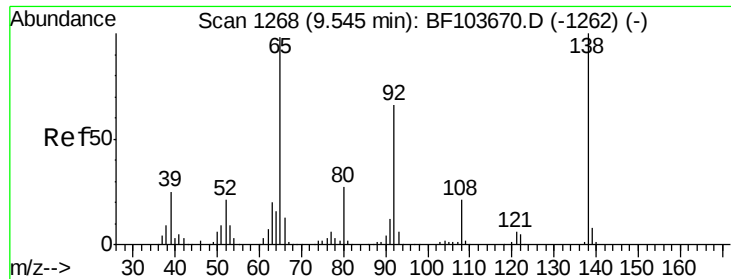
#46
 2-Chloronaphthalene
 Concen: 40.799 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	33.9	50.9
164	33.0	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

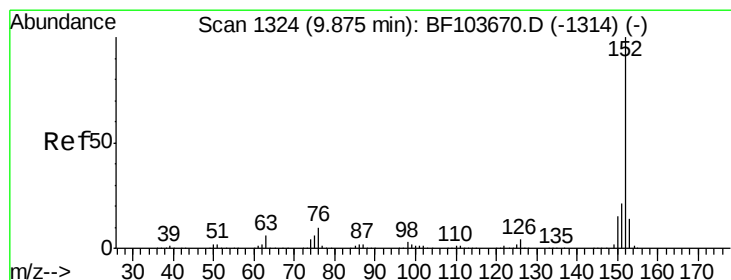
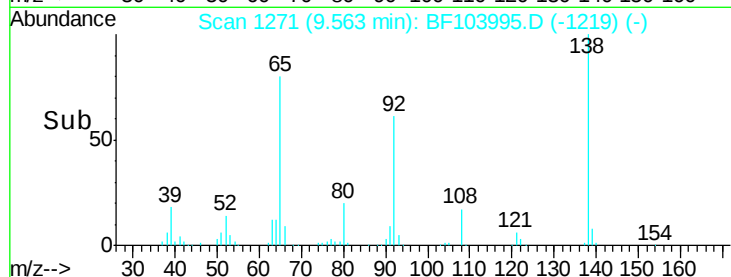
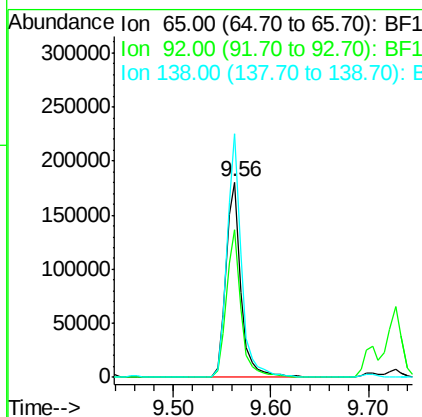
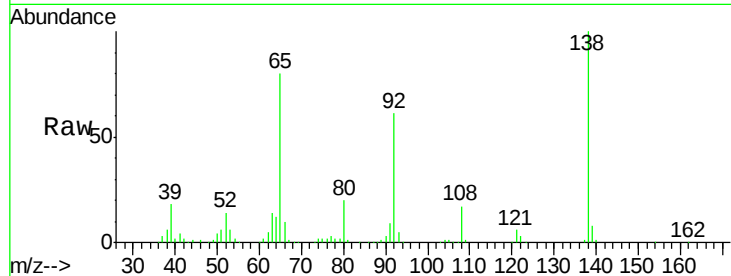




#47
2-Nitroaniline
Concen: 47.666 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

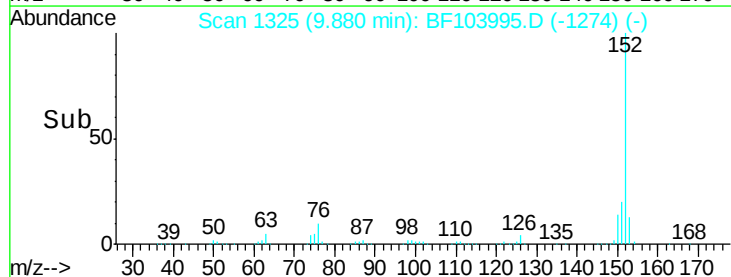
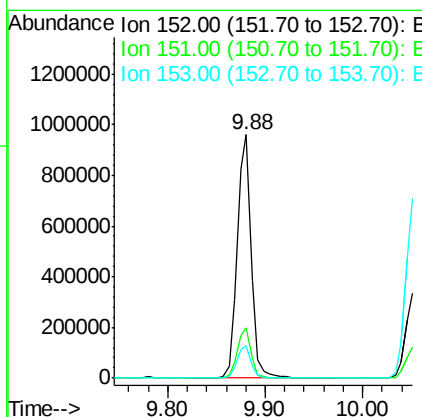
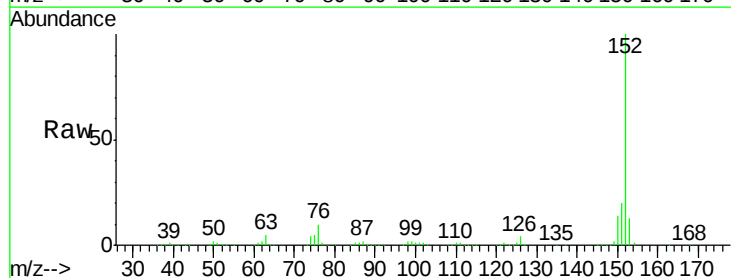
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

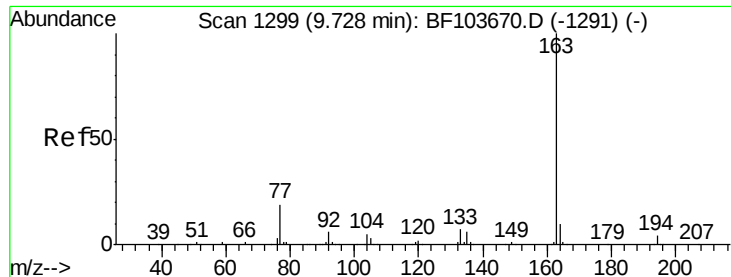
Tot Ion: 65 Resp: 193389
Ion Ratio Lower Upper
65 100
92 75.8 55.8 83.6
138 124.8 91.2 136.8



#48
Acenaphthylene
Concen: 39.487 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 152 Resp: 950754
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.1 10.7 16.1

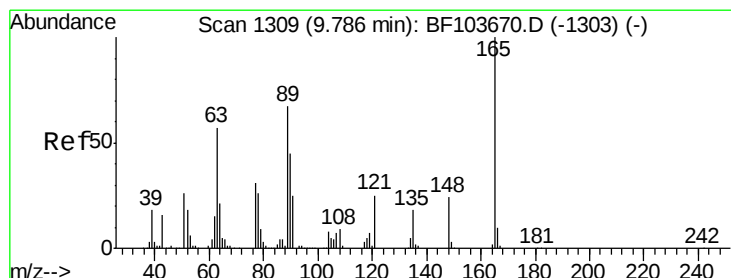
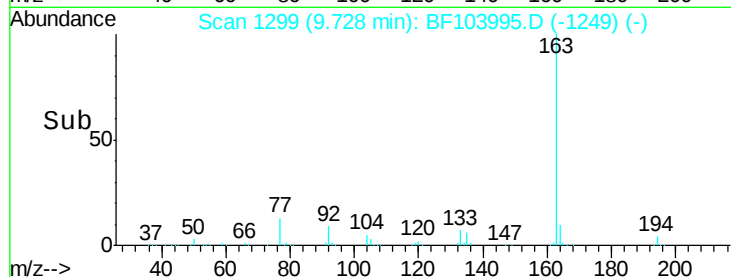
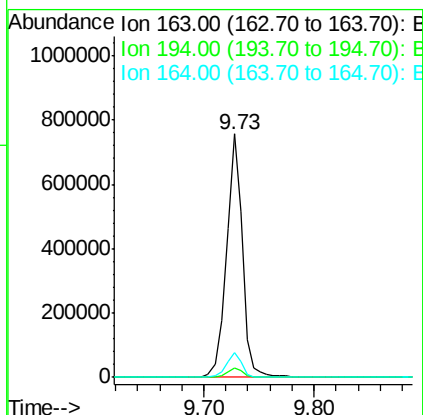
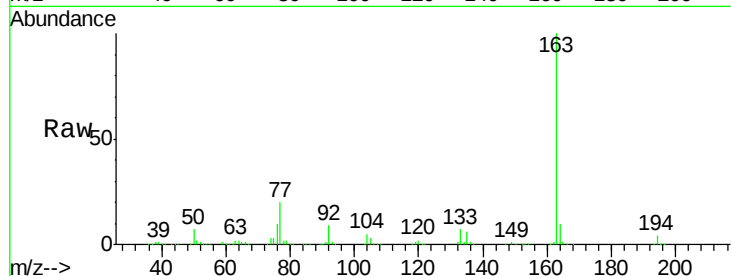




#49
Dimethylphthalate
Concen: 42.719 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

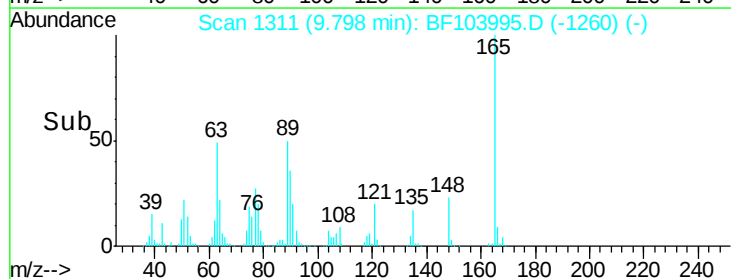
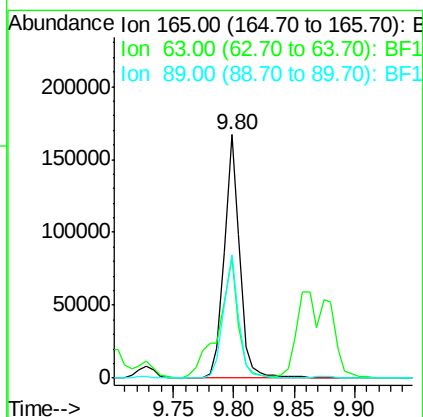
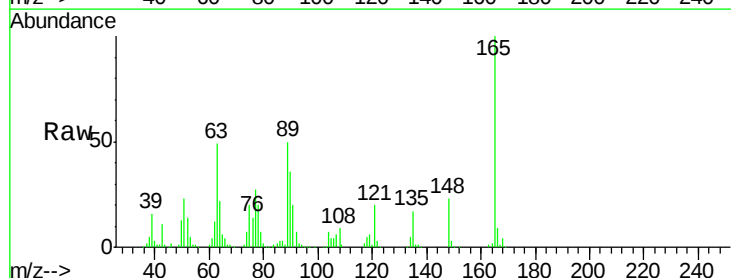
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:163 Resp: 764119
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 43.040 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:165 Resp: 147372
Ion Ratio Lower Upper
165 100
63 49.4 44.7 67.1
89 50.5 44.0 66.0

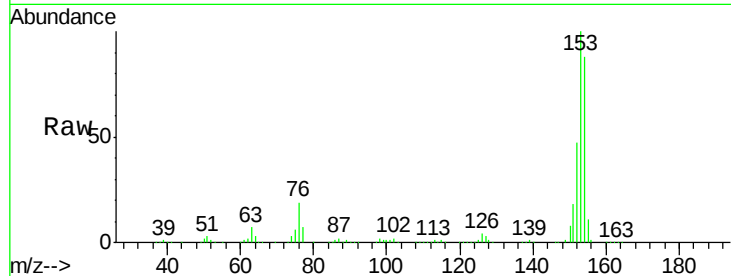




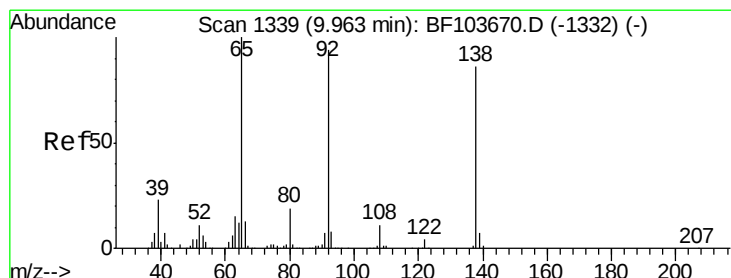
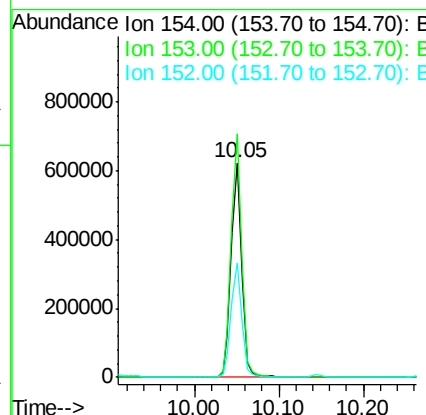
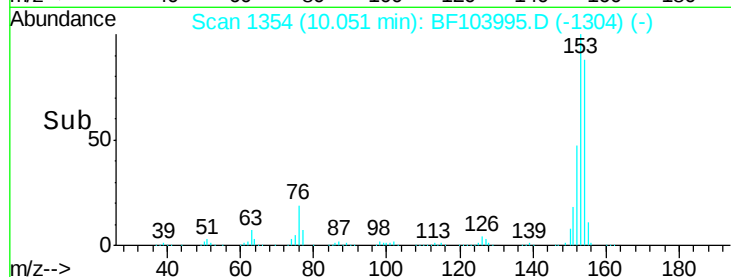
#51
Acenaphthene
Concen: 38.240 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 546713
Ion Ratio Lower Upper
154 100
153 113.5 91.2 136.8
152 53.6 43.8 65.8

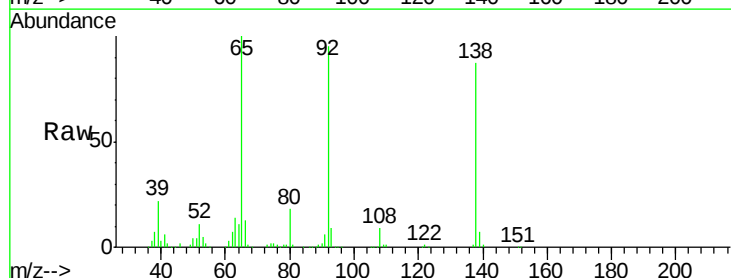


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

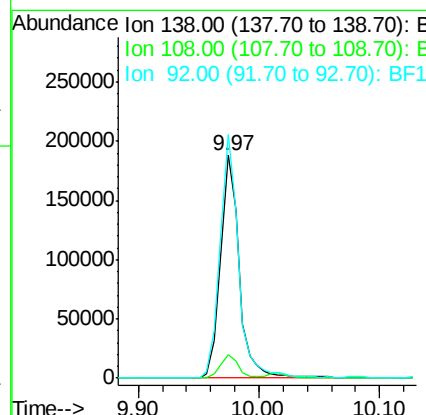
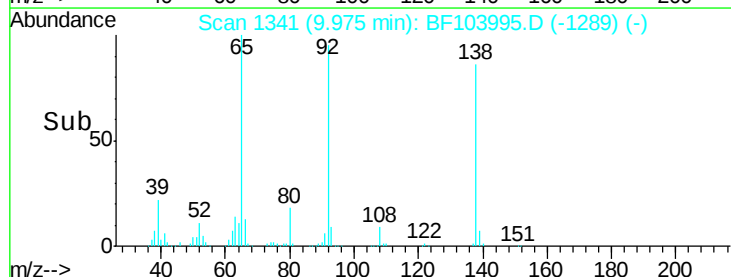


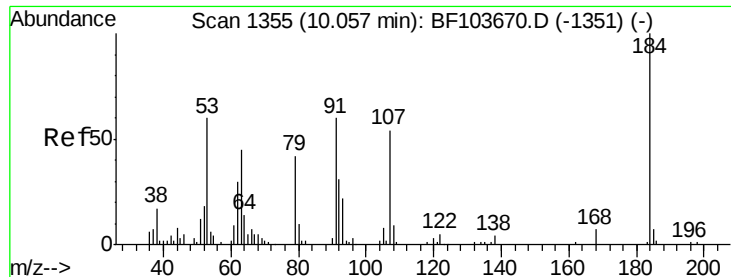
#52
3-Nitroaniline
Concen: 48.377 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:138 Resp: 200753
Ion Ratio Lower Upper
138 100
108 10.4 9.4 14.0
92 109.3 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

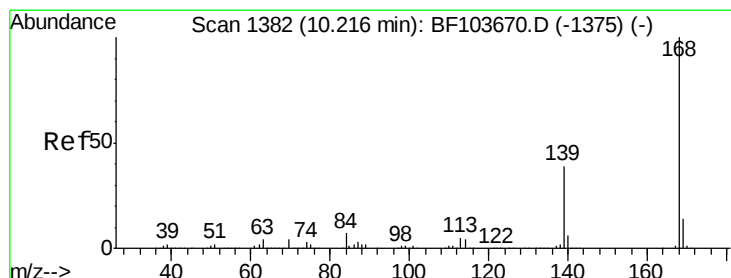
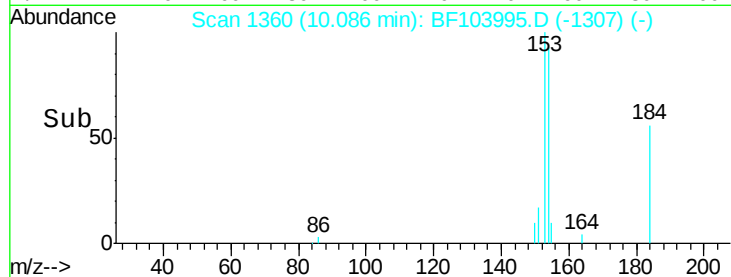
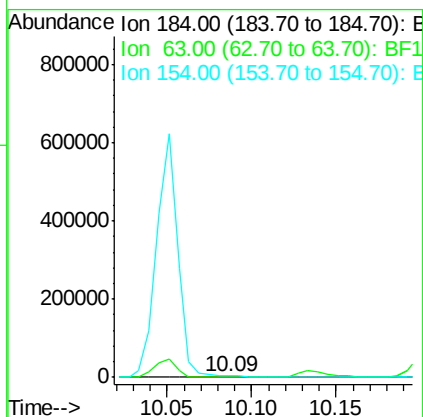
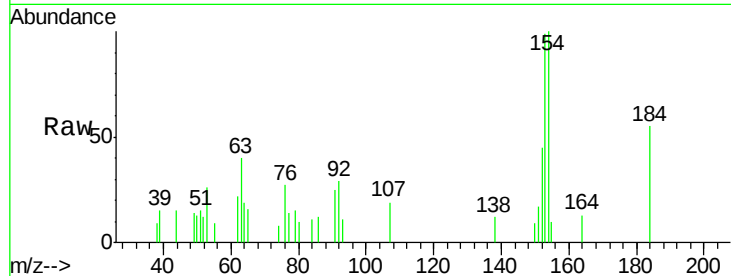




#53
2,4-Dinitrophenol
Concen: 13.468 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

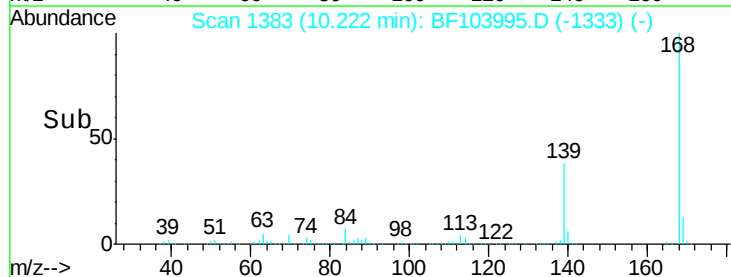
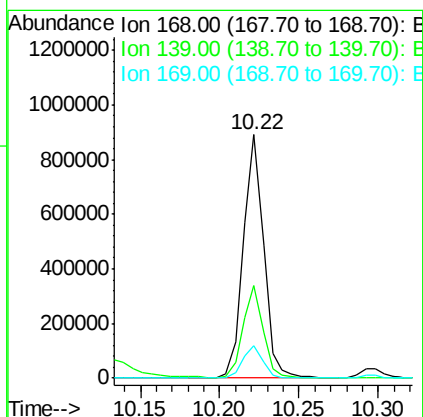
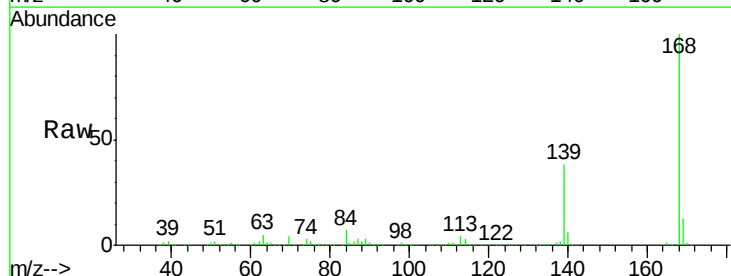
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:184 Resp: 3574
Ion Ratio Lower Upper
184 100
63 73.1 54.2 81.2
154 182.0 184.0 276.0#



#54
Dibenzofuran
Concen: 38.856 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:168 Resp: 793396
Ion Ratio Lower Upper
168 100
139 38.0 30.1 45.1
169 13.5 10.9 16.3

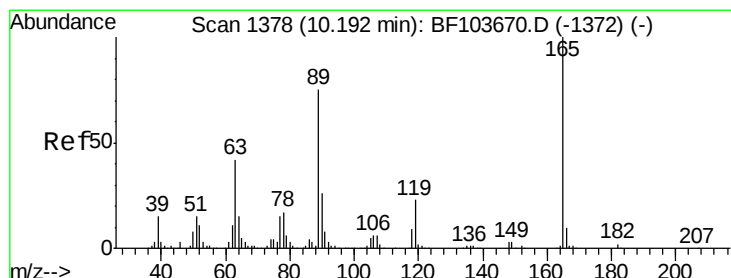
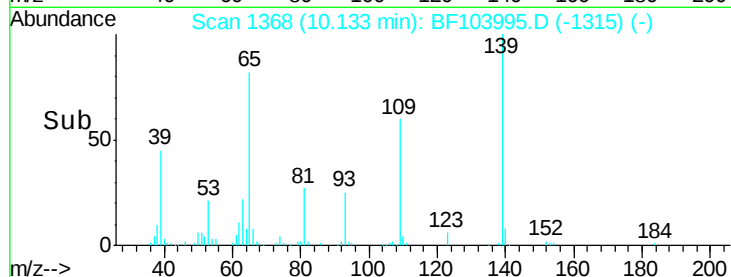
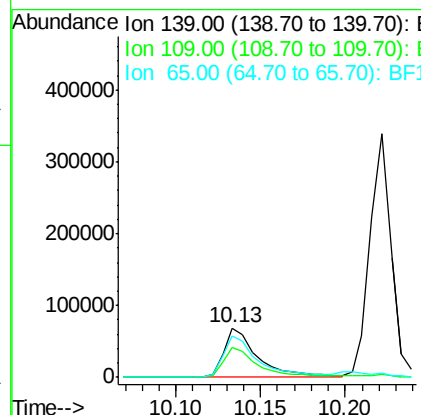
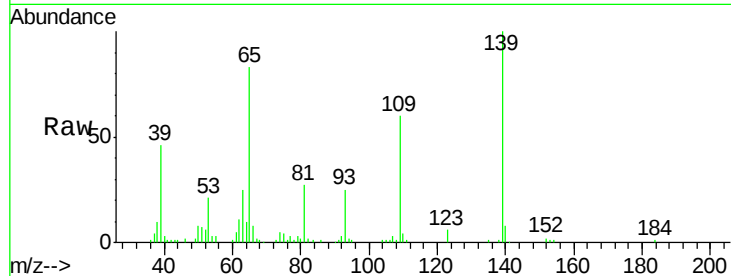




#55
4-Nitrophenol
Concen: 32.811 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

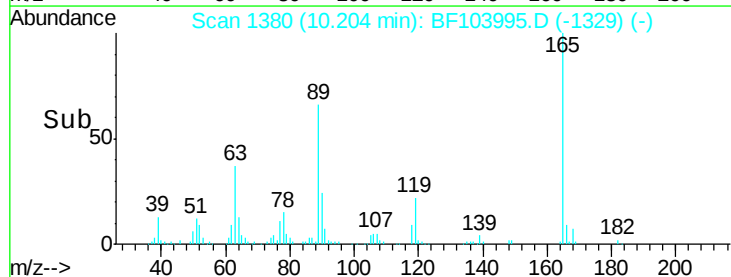
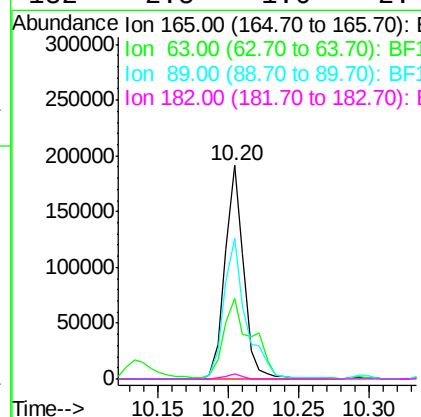
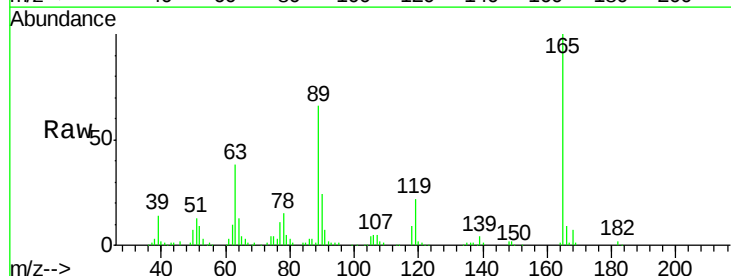
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:139 Resp: 97212
Ion Ratio Lower Upper
139 100
109 59.6 48.4 88.4
65 82.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 41.463 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:165 Resp: 177500
Ion Ratio Lower Upper
165 100
63 37.7 36.4 54.6
89 65.8 57.8 86.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 39.700 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

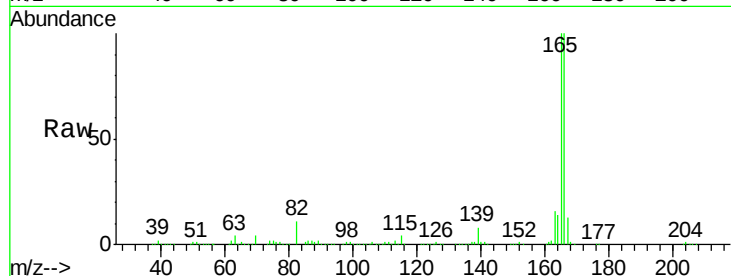
Tot Ion:166 Resp: 629031

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

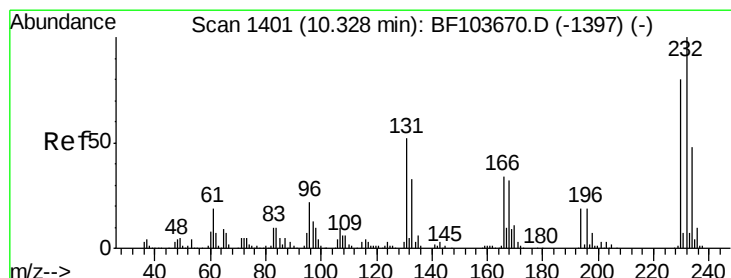
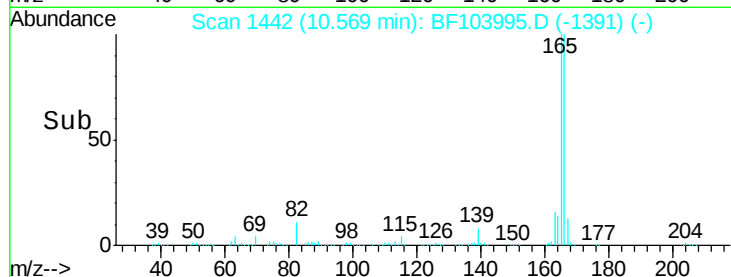
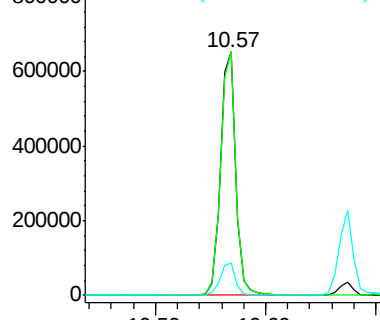
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.660 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Tgt Ion:232 Resp: 139116

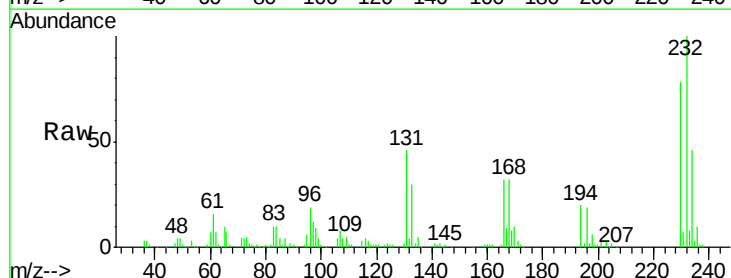
Ion Ratio Lower Upper

232 100

131 47.2 43.8 65.8

130 2.0 2.1 3.1#

166 31.5 27.8 41.6

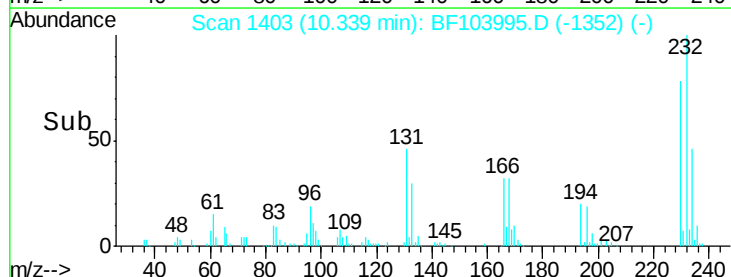
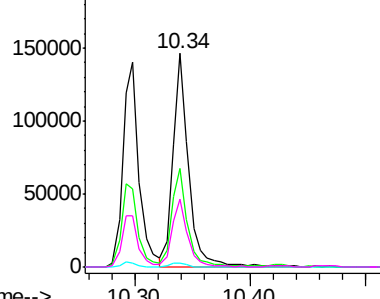


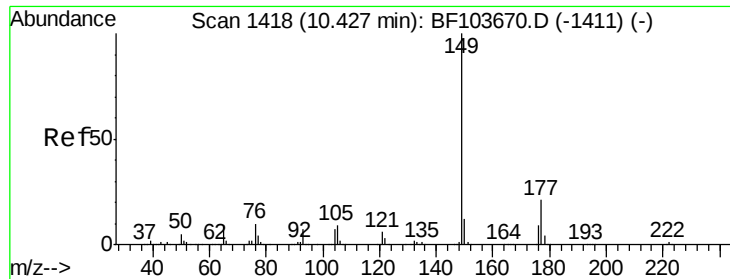
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

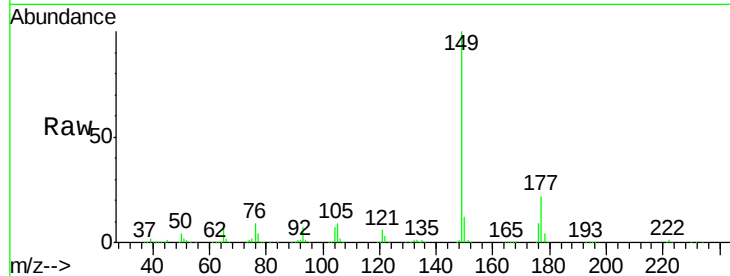




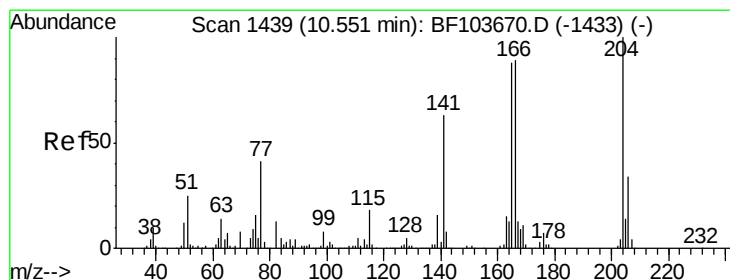
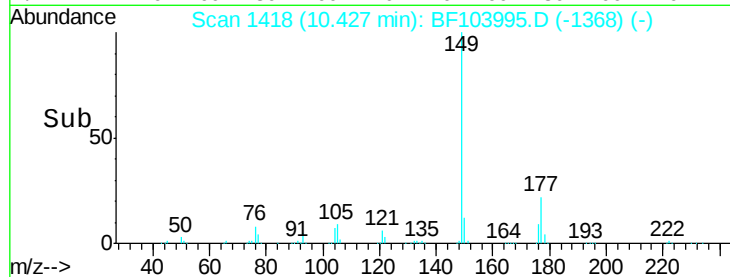
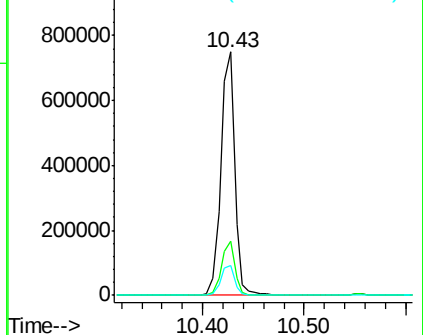
#59
Diethylphthalate
Concen: 40.292 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:149 Resp: 715314
Ion Ratio Lower Upper
149 100
177 22.4 16.1 24.1
150 12.5 10.1 15.1

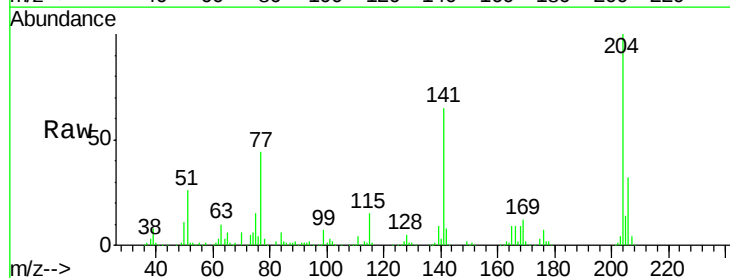


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

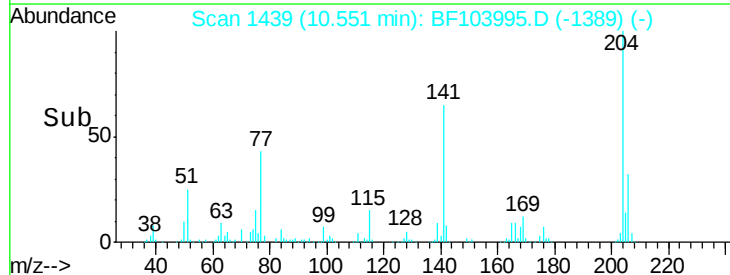
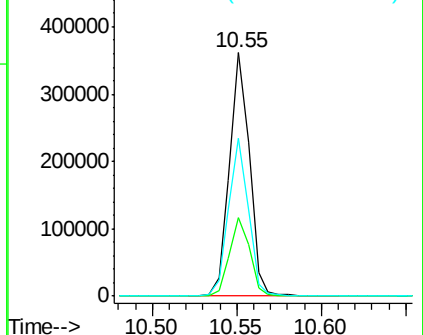


#60
4-Chlorophenyl-phenylether
Concen: 40.906 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:204 Resp: 296203
Ion Ratio Lower Upper
204 100
206 32.3 26.5 39.7
141 64.6 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

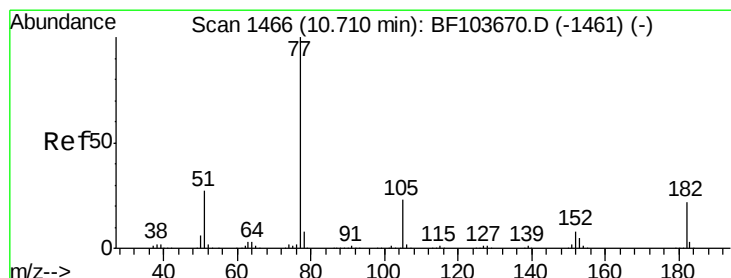
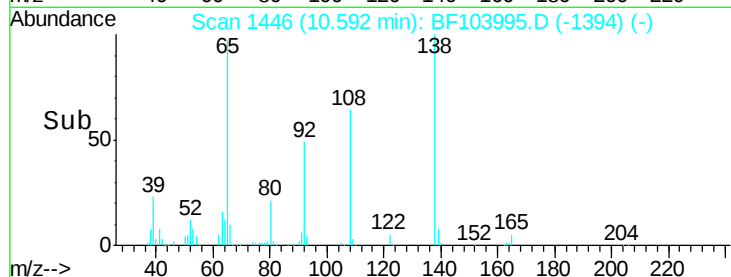
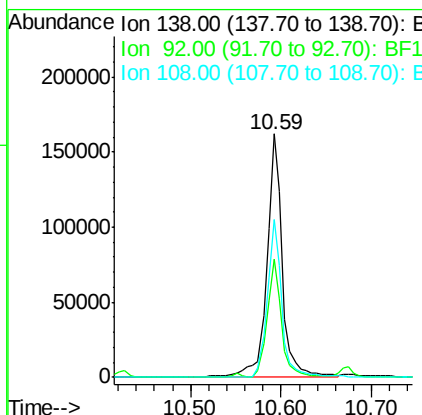
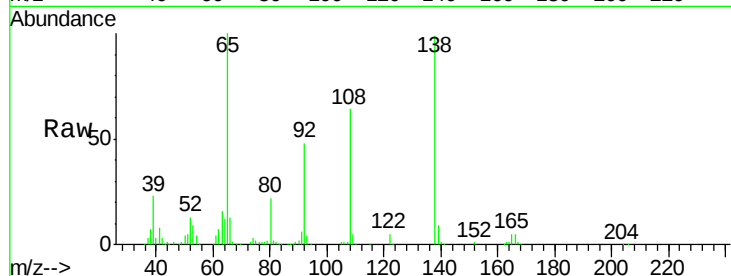




#61
4-Nitroaniline
Concen: 49.025 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

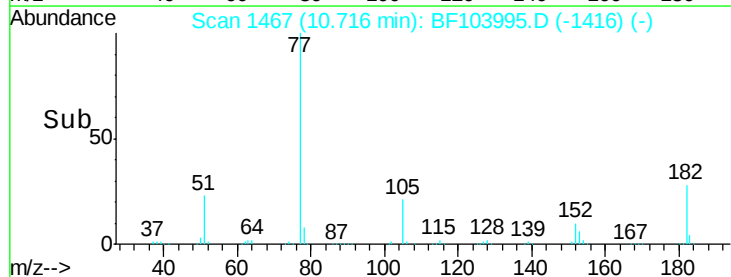
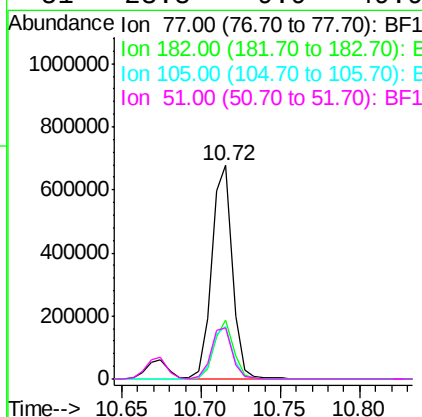
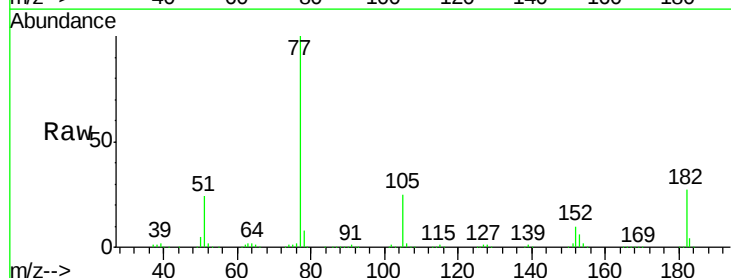
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

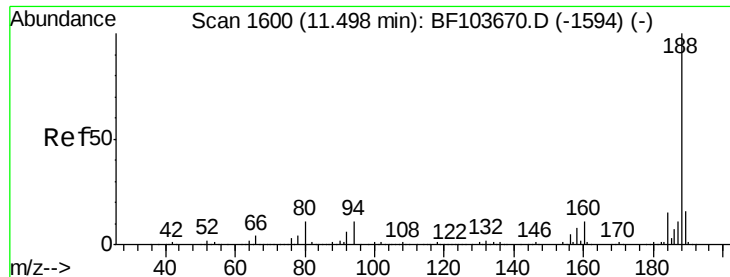
Tot Ion:138 Resp: 196014
Ion Ratio Lower Upper
138 100
92 48.6 30.2 70.2
108 65.0 52.5 92.5



#62
Azobenzene
Concen: 33.891 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion: 77 Resp: 611718
Ion Ratio Lower Upper
77 100
182 27.3 1.7 41.7
105 24.5 3.0 43.0
51 23.8 9.9 49.9

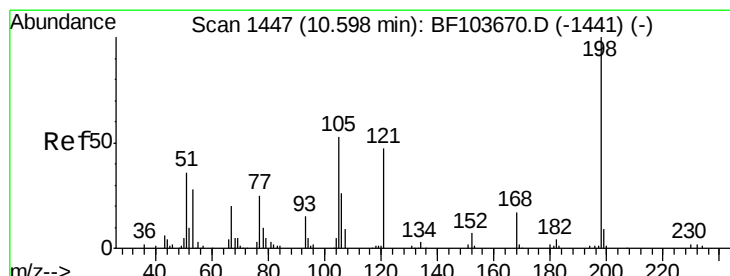
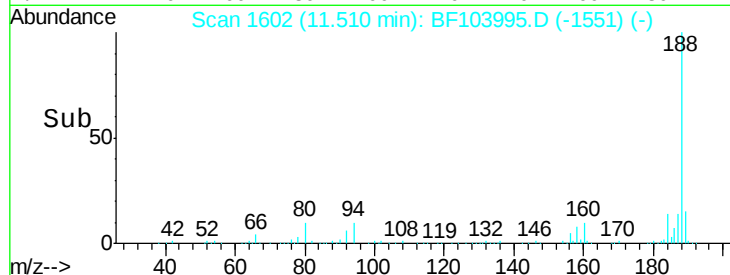
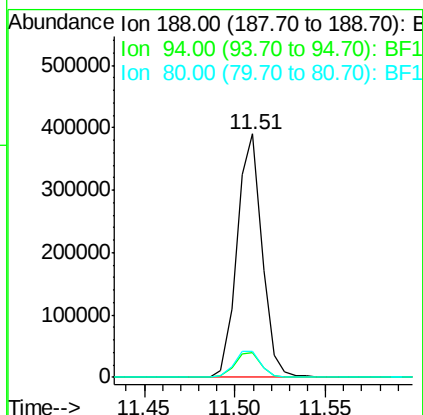
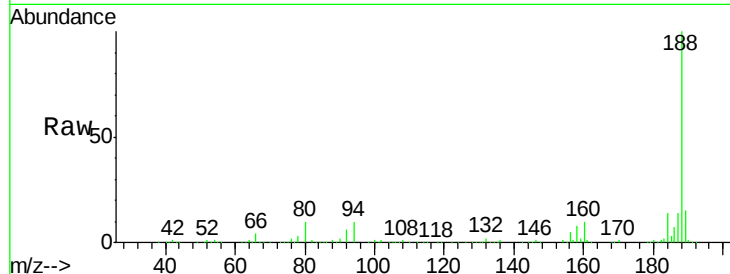




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

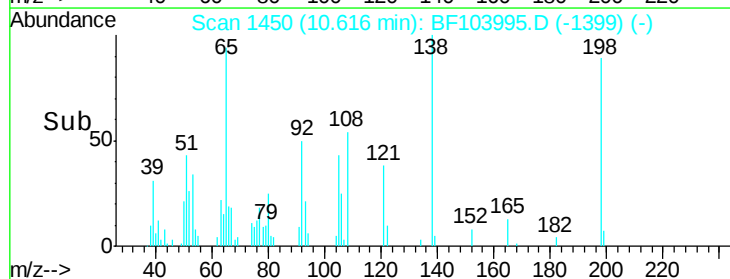
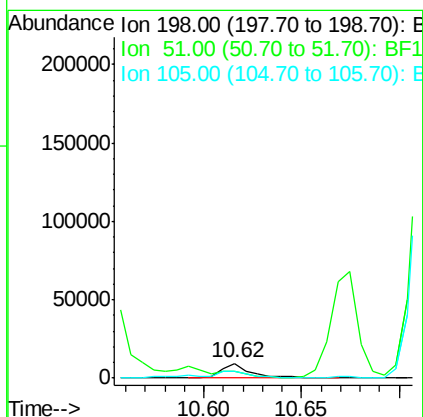
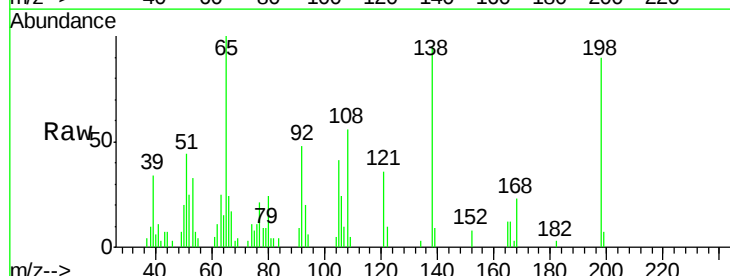
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:188 Resp: 374450
Ion Ratio Lower Upper
188 100
94 10.0 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 15.482 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:198 Resp: 9703
Ion Ratio Lower Upper
198 100
51 49.0 37.7 77.7
105 45.9 36.3 76.3

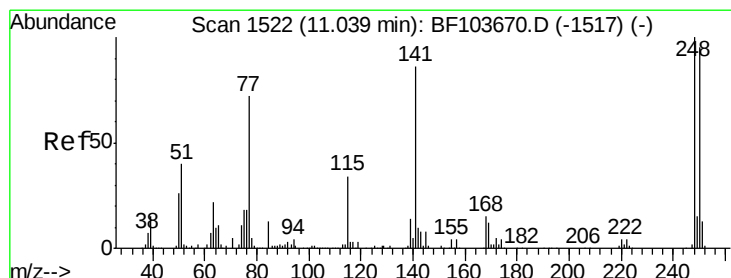
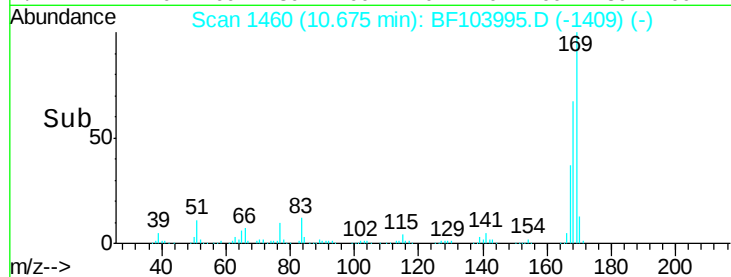
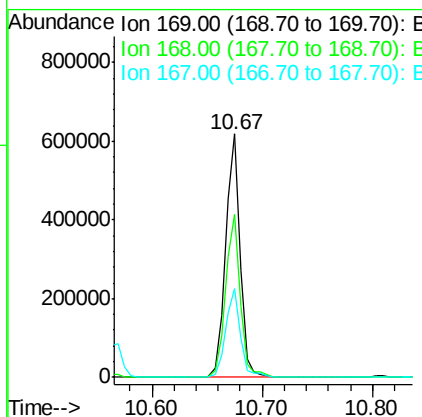
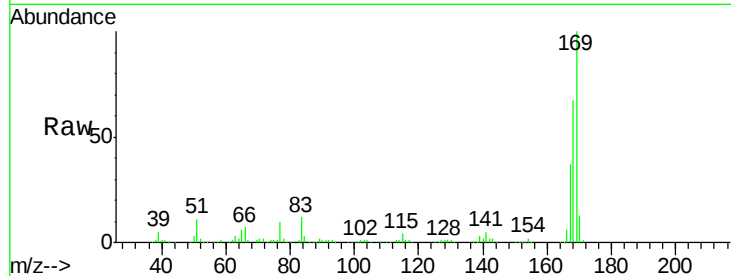




#65
 n-Nitrosodiphenylamine
 Concen: 44.608 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

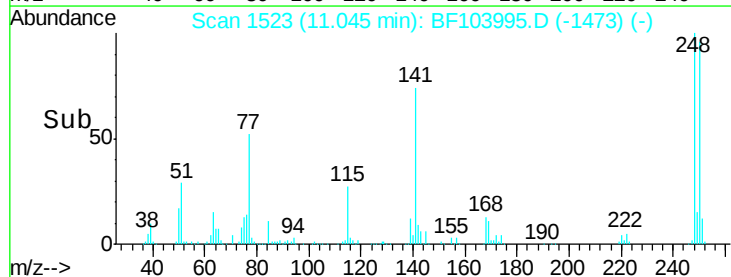
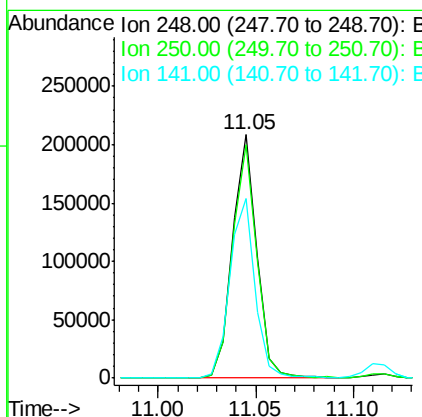
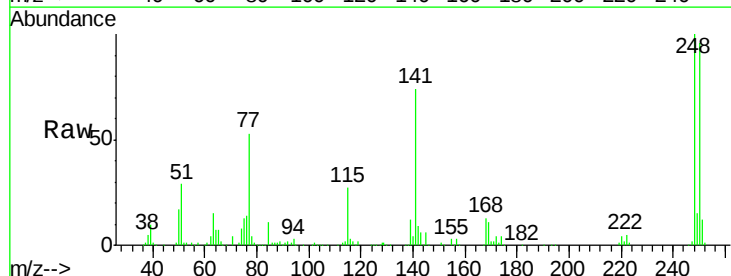
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	66.9	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 46.873 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.7	76.9	115.3
141	73.9	74.4	111.6#

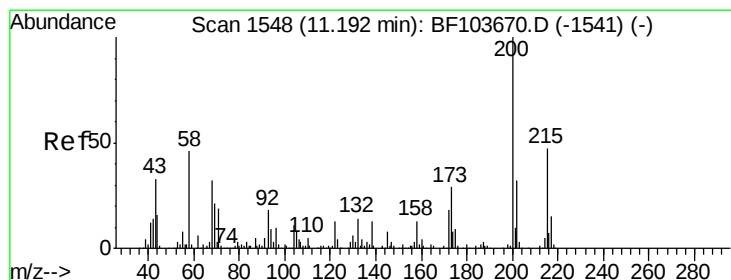
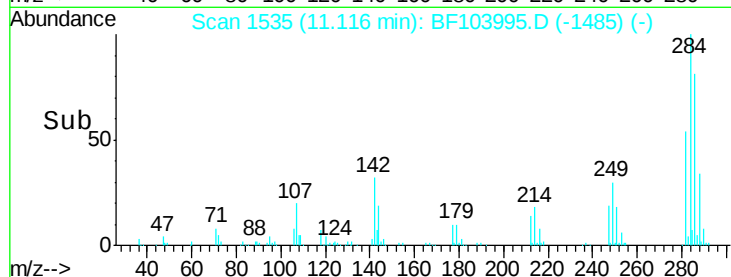
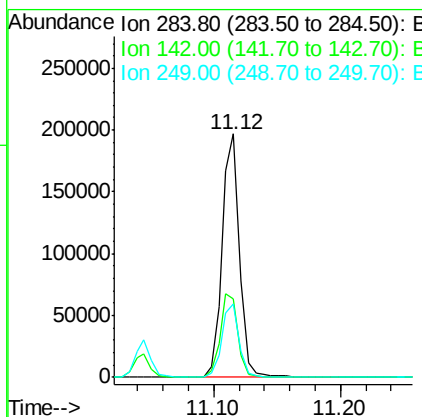
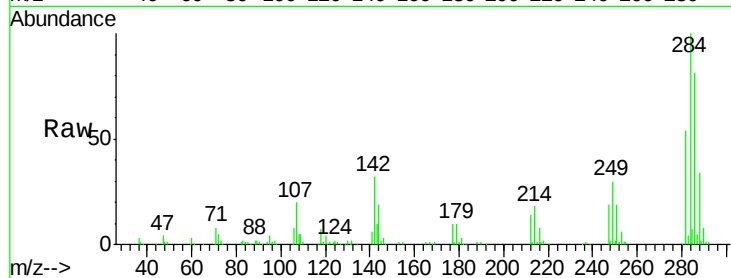




#67
Hexachlorobenzene
Concen: 43.060 ng
RT: 11.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

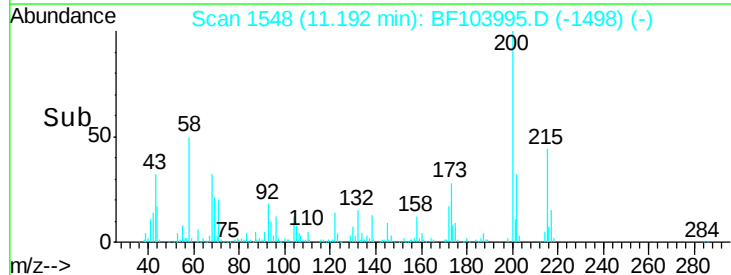
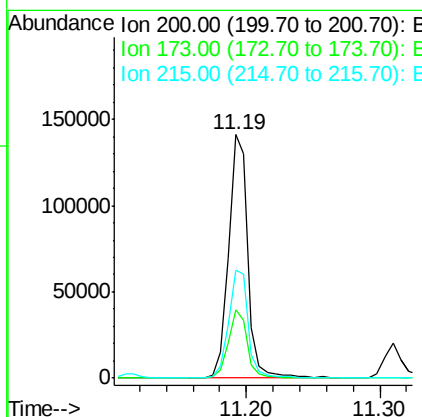
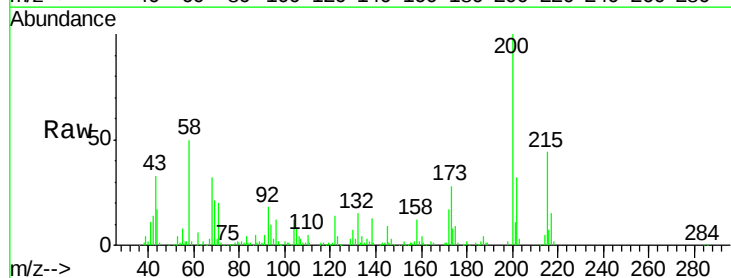
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:284 Resp: 188949
Ion Ratio Lower Upper
284 100
142 32.3 34.6 52.0#
249 29.9 24.8 37.2



#68
Atrazine
Concen: 36.457 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:200 Resp: 143739
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 44.4 25.1 65.1

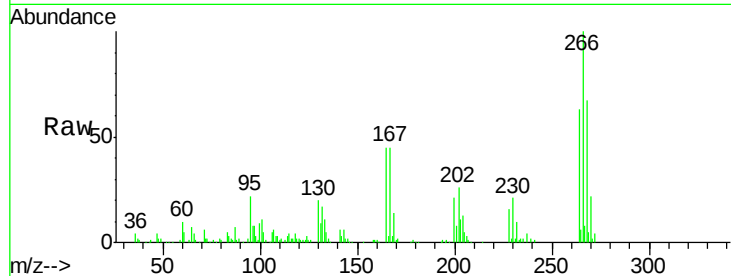




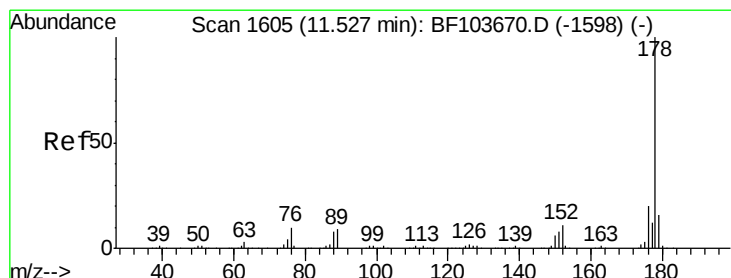
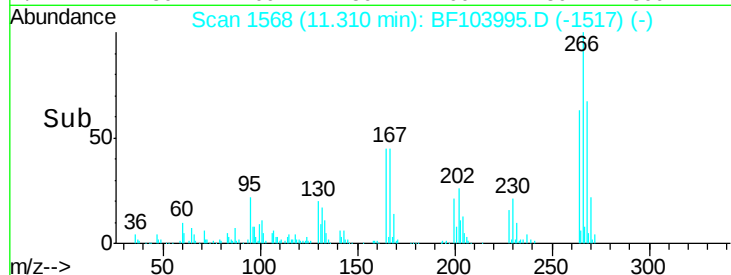
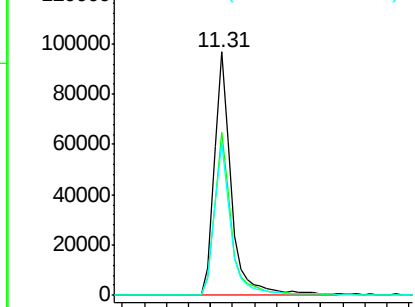
#69
 Pentachlorophenol
 Concen: 40.876 ng
 RT: 11.31 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:266 Resp: 103119
 Ion Ratio Lower Upper
 266 100
 268 66.8 51.1 76.7
 264 62.9 49.5 74.3

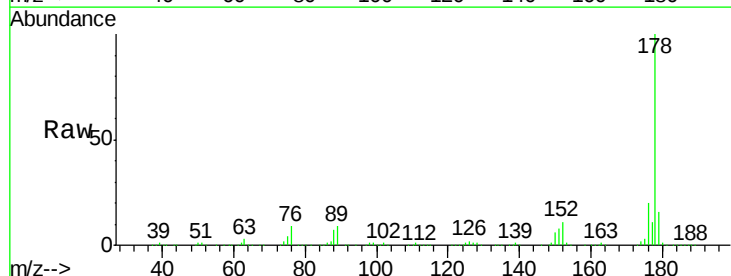


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

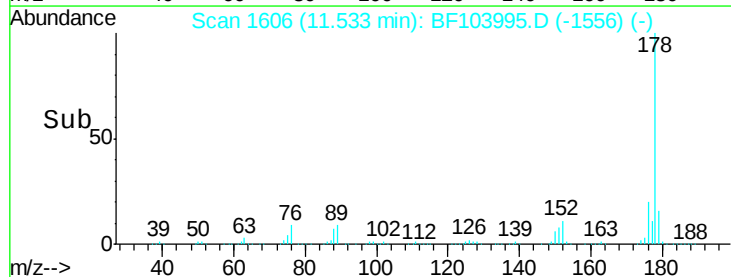
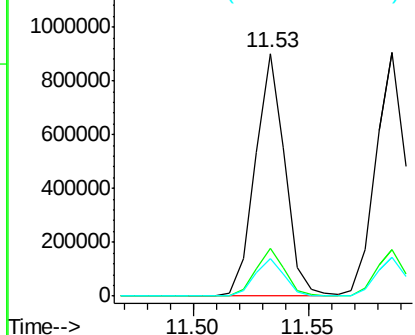


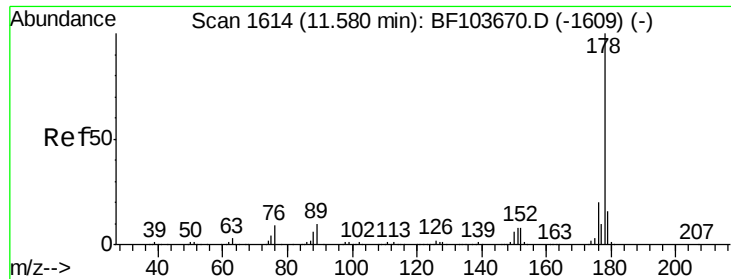
#70
 Phenanthrene
 Concen: 39.492 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:178 Resp: 808927
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.8 23.8
 179 15.7 13.0 19.6



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

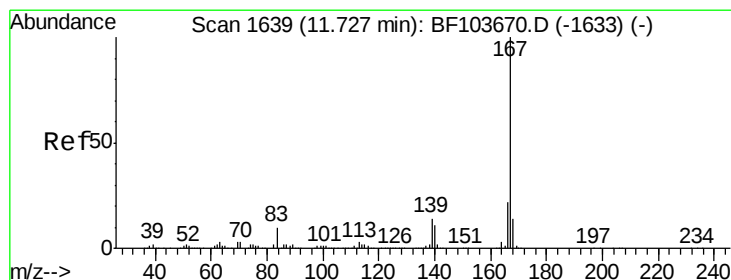
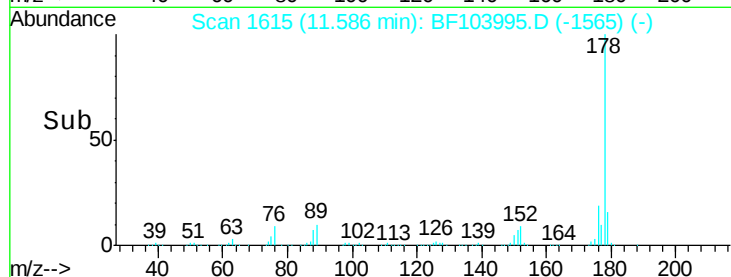
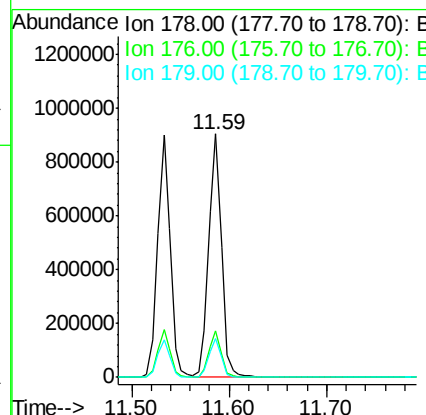
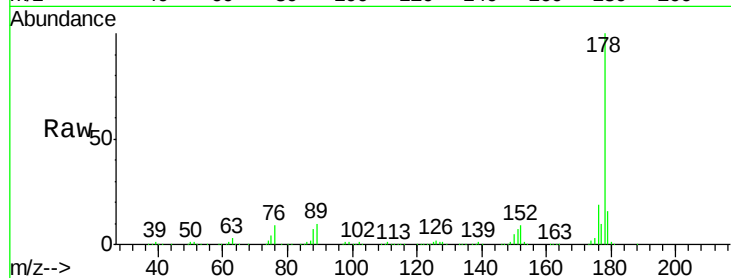




#71
 Anthracene
 Concen: 39.708 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

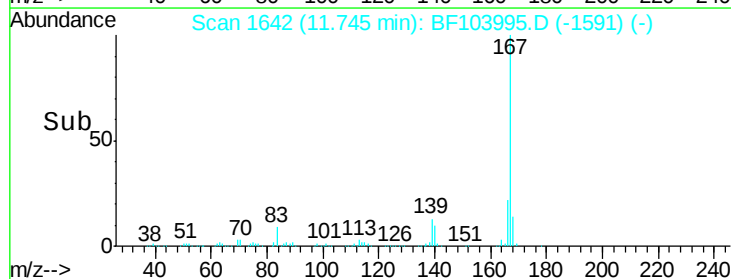
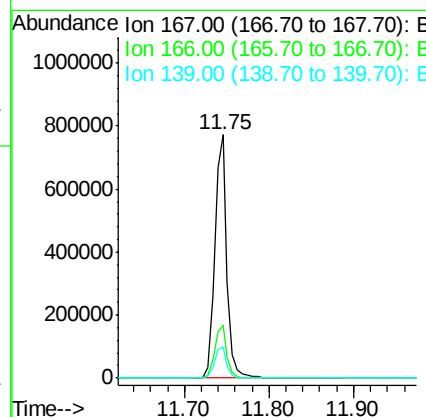
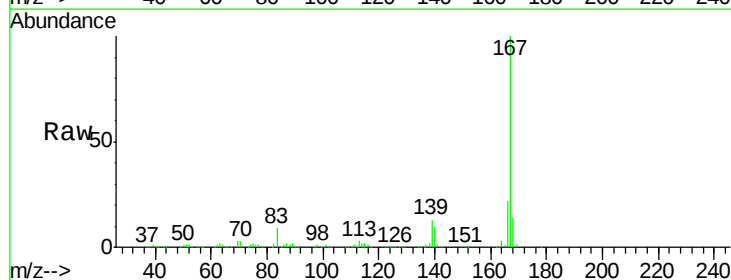
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

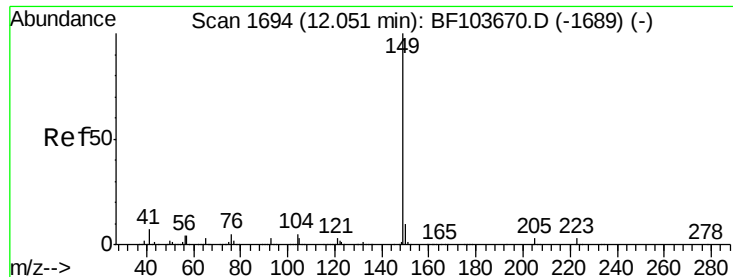
Tot Ion:178 Resp: 826086
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 38.384 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion:167 Resp: 776147
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.6 26.4
 139 12.6 10.9 16.3

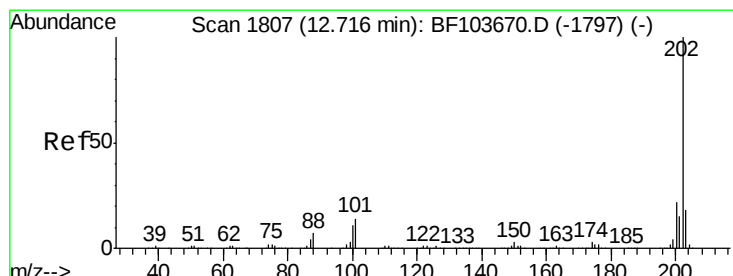
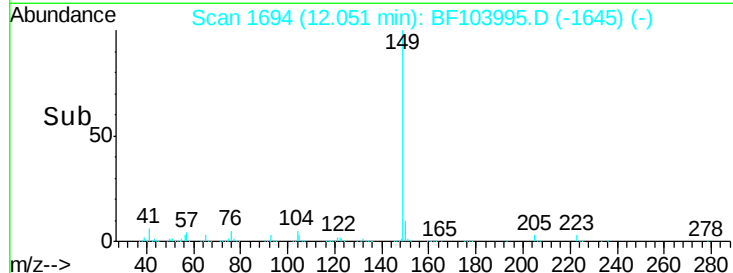
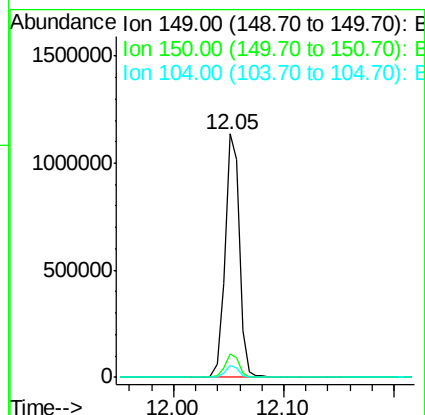
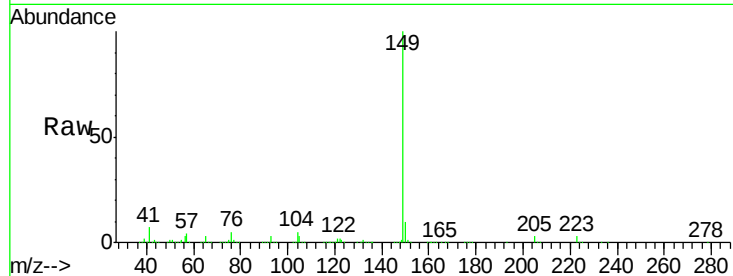




#73
Di-n-butylphthalate
Concen: 42.765 ng
RT: 12.05 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

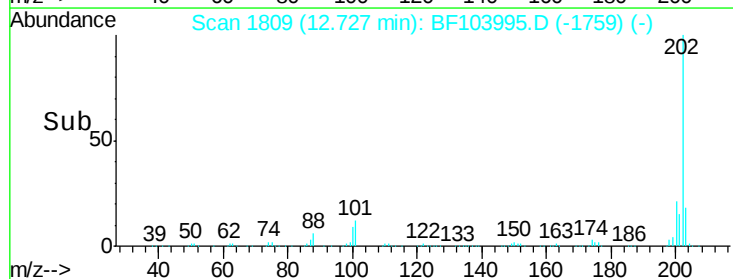
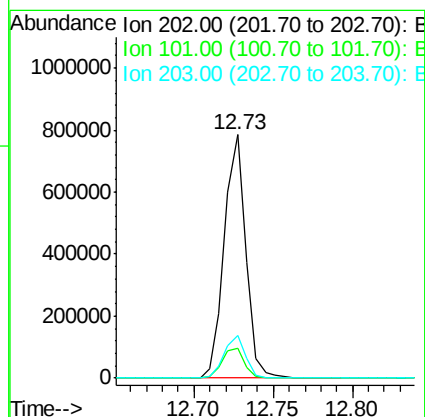
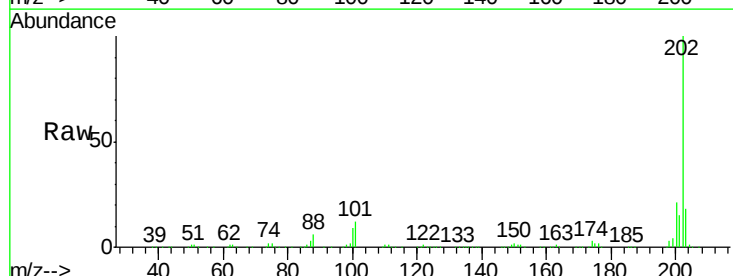
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

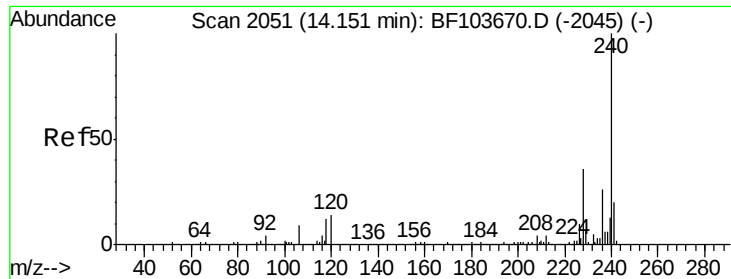
Tot Ion:149 Resp: 1037570
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.7 3.8 5.8



#74
Fluoranthene
Concen: 35.057 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:202 Resp: 739794
Ion Ratio Lower Upper
202 100
101 12.4 0.0 34.1
203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

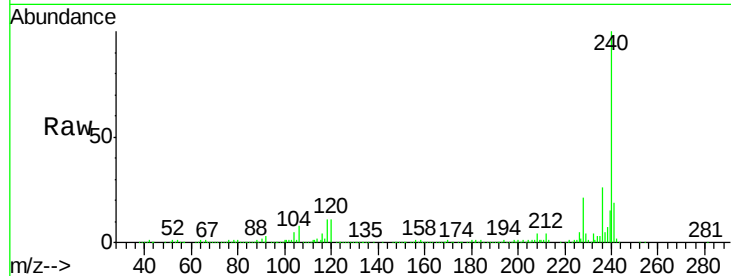
Tot Ion:240 Resp: 250057

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

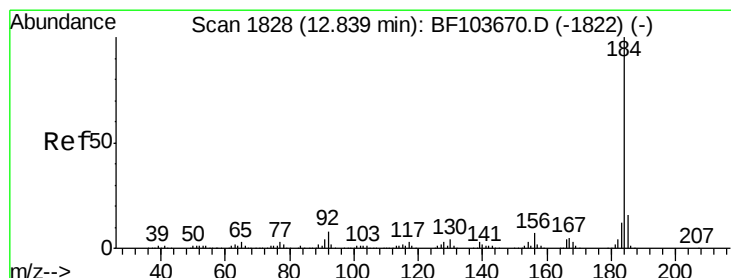
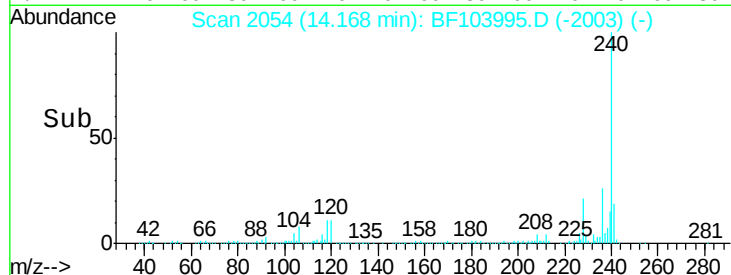
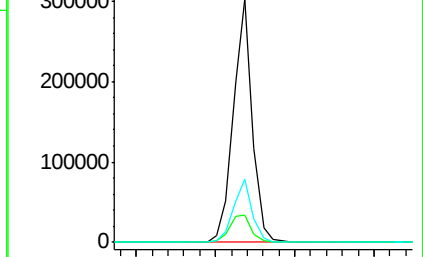
236 26.0 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.844 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

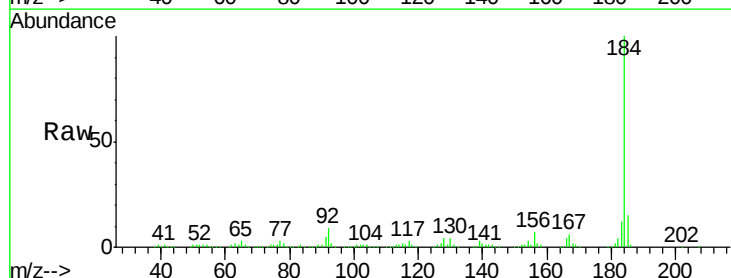
Tgt Ion:184 Resp: 382276

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

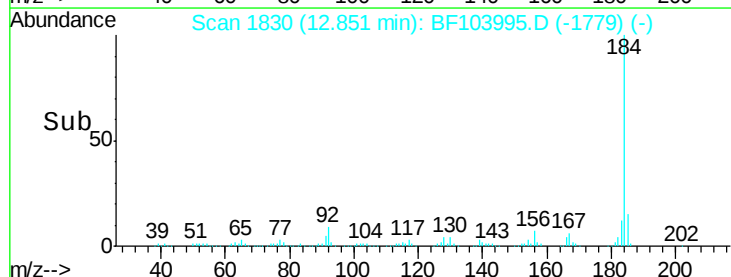
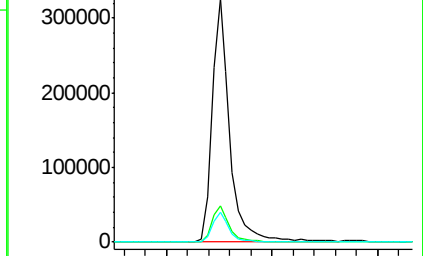
183 12.3 9.3 13.9

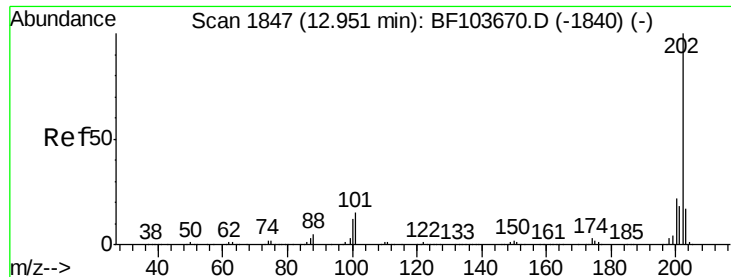


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.311 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

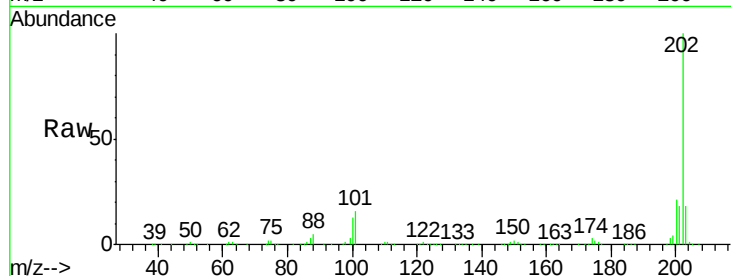
Tot Ion:202 Resp: 740270

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

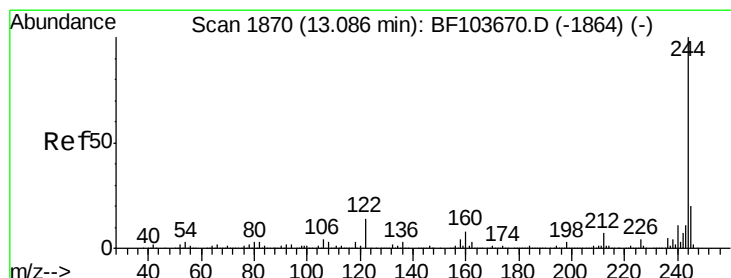
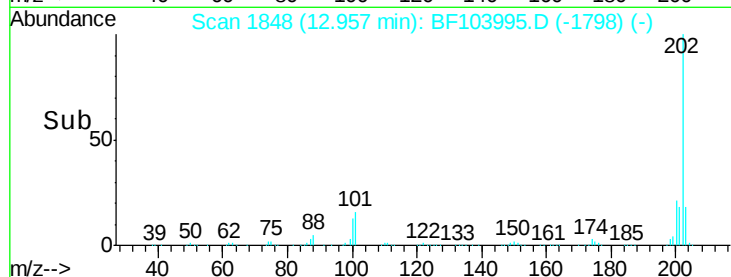
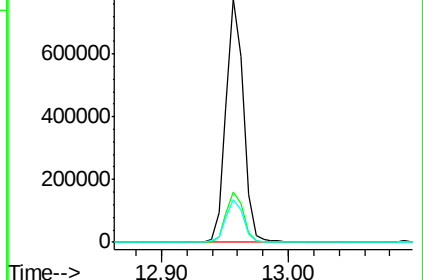
203 17.7 14.3 21.5



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: 85.770 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

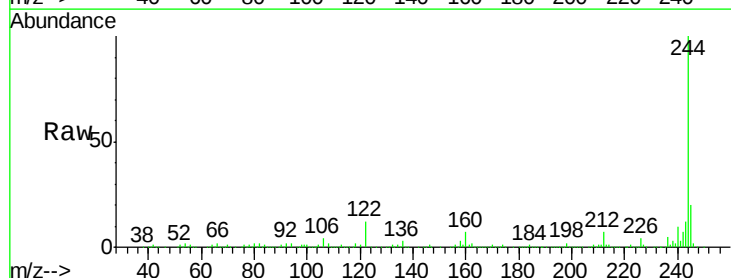
Tgt Ion:244 Resp: 924001

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

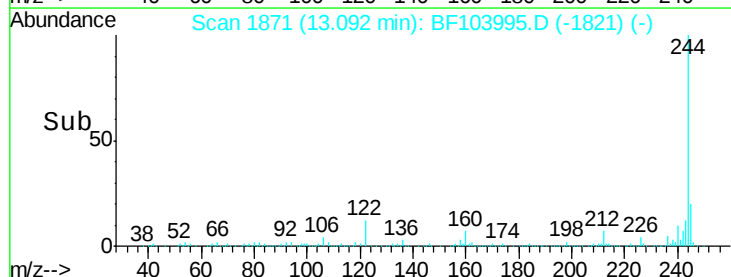
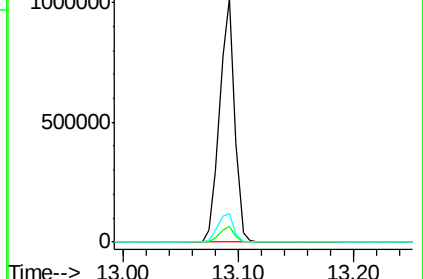
122 11.9 11.0 16.4



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

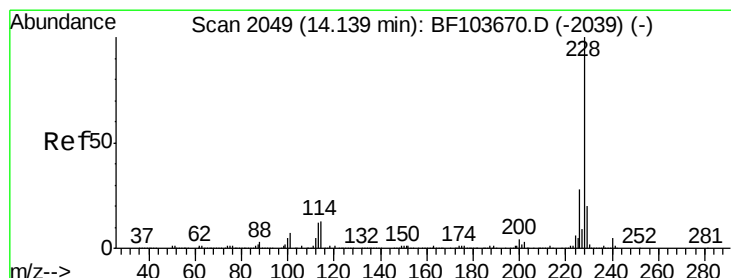
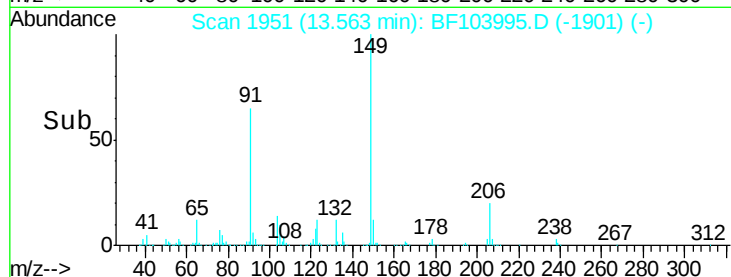
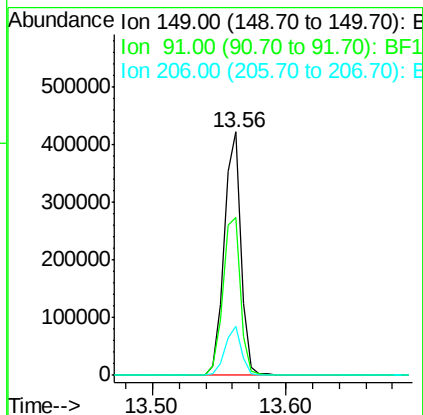
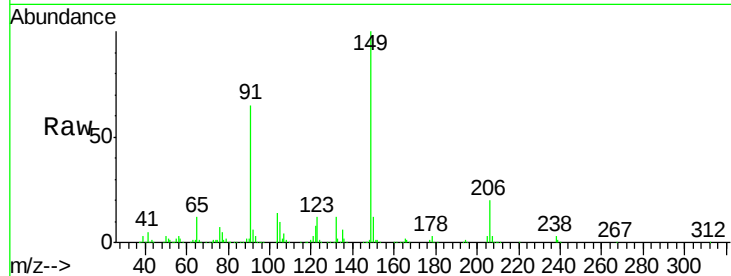




#79
Butylbenzylphthalate
Concen: 46.291 ng
RT: 13.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

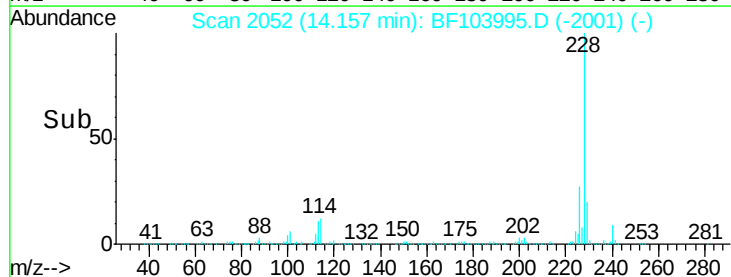
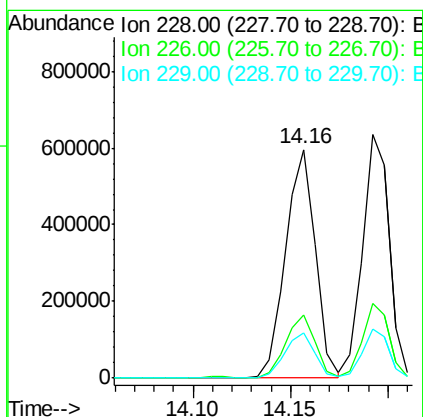
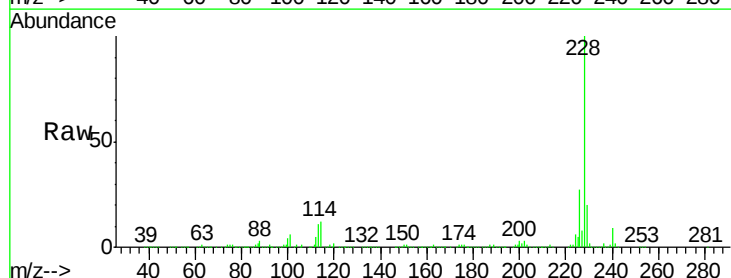
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

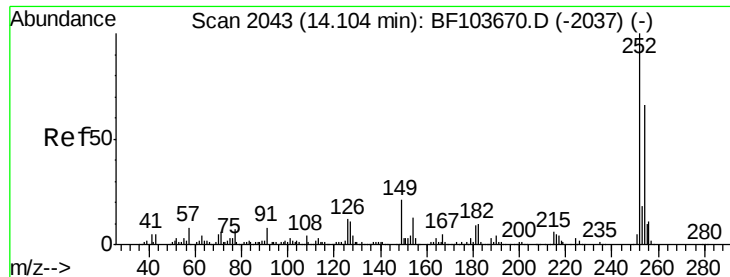
Tot Ion:149 Resp: 376634
Ion Ratio Lower Upper
149 100
91 64.7 56.8 85.2
206 20.4 14.1 21.1



#80
Benzo(a)anthracene
Concen: 39.750 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:228 Resp: 629189
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 19.5 15.8 23.6

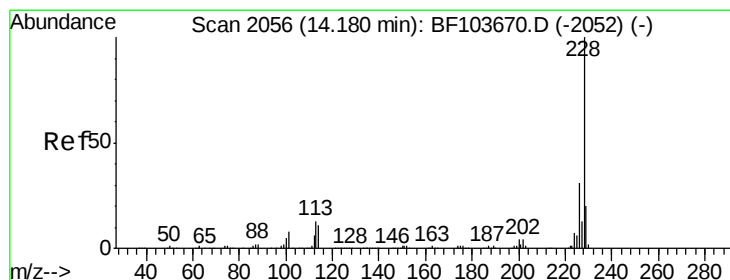
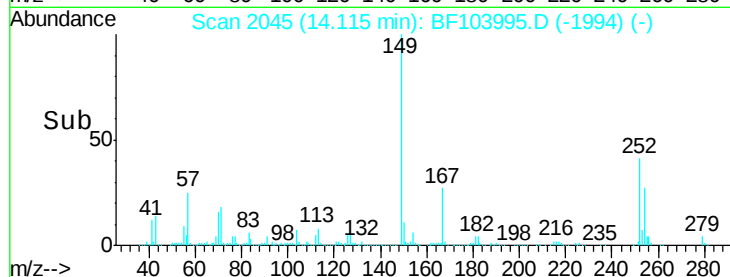
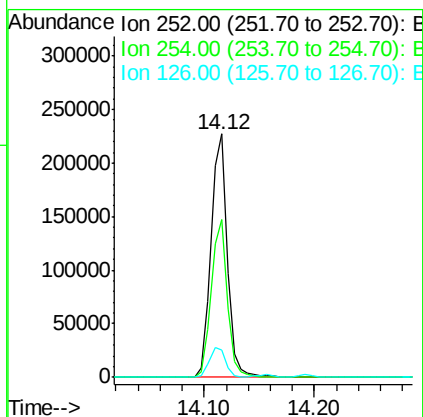
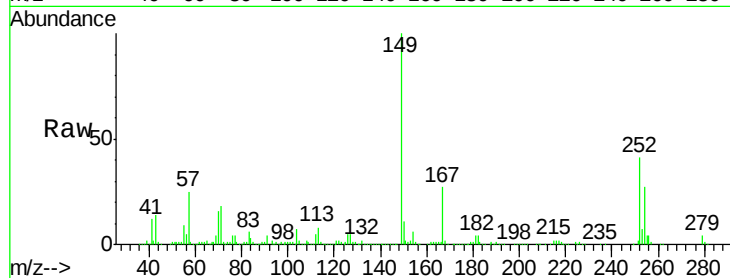




#81
3,3'-Dichlorobenzidine
Concen: 43.063 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

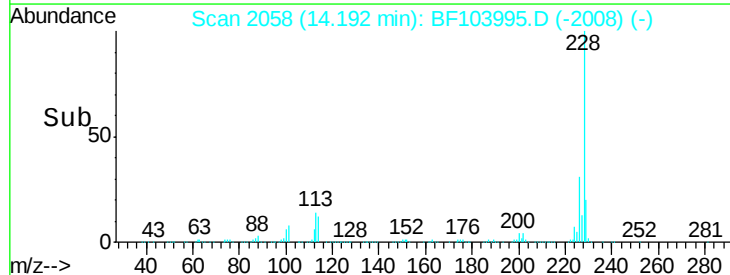
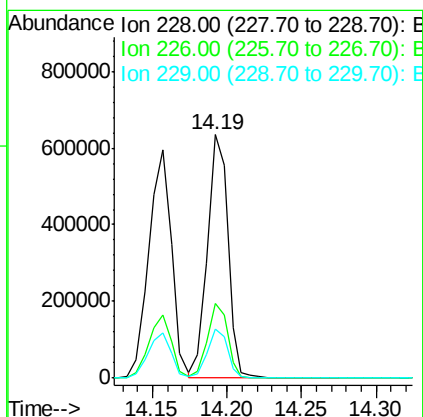
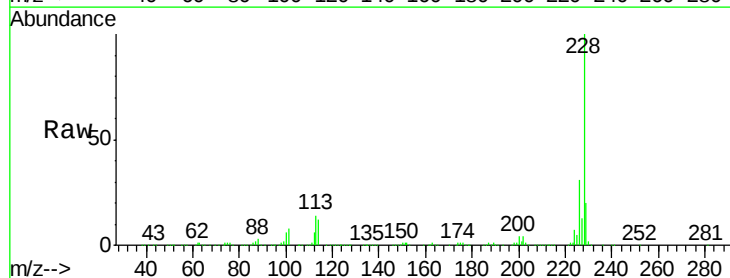
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

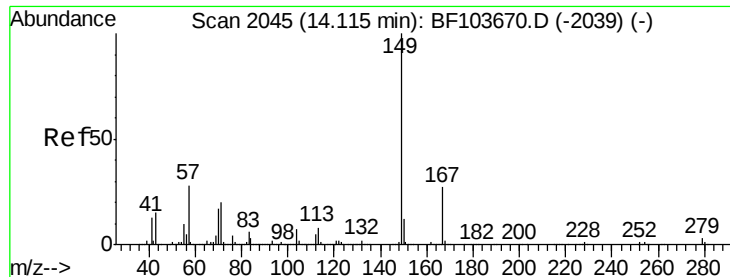
Tot Ion:252 Resp: 227999
Ion Ratio Lower Upper
252 100
254 65.0 50.4 75.6
126 11.4 11.3 16.9



#82
Chrysene
Concen: 40.110 ng
RT: 14.19 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF103995.D
Acq: 28 Mar 2018 3:38

Tgt Ion:228 Resp: 605211
Ion Ratio Lower Upper
228 100
226 30.5 25.0 37.6
229 19.9 16.2 24.4

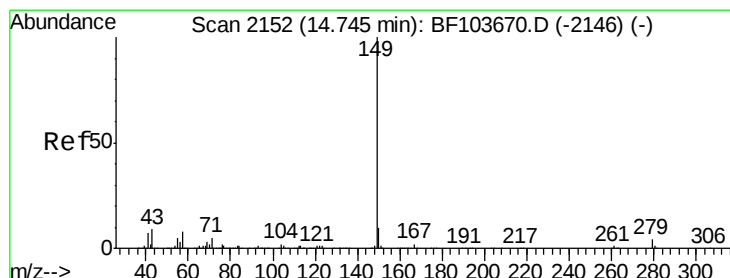
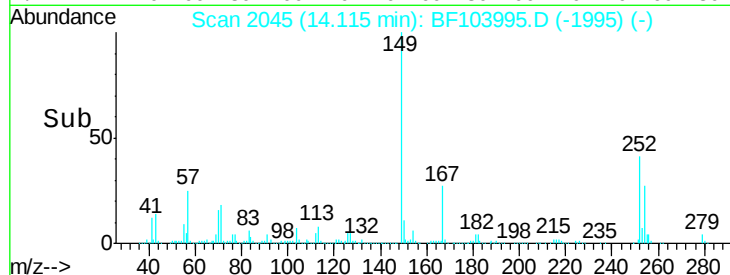
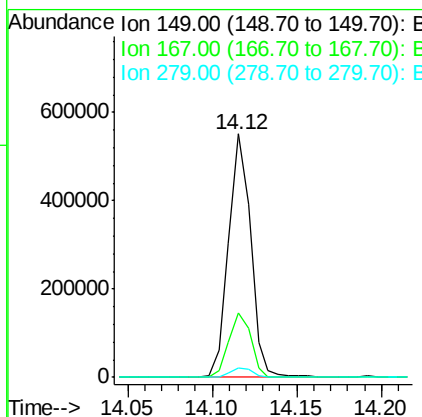
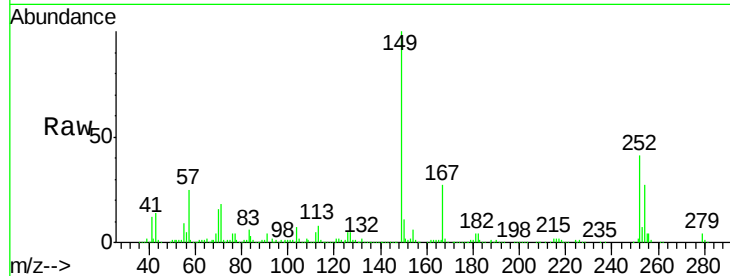




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.310 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

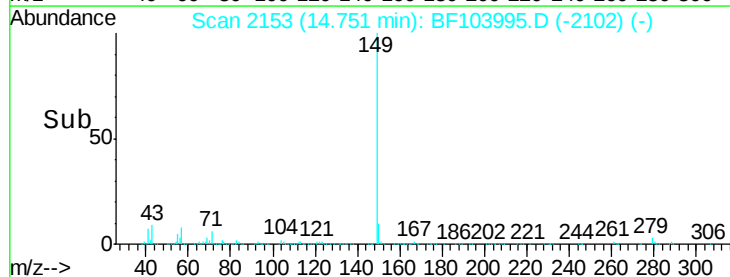
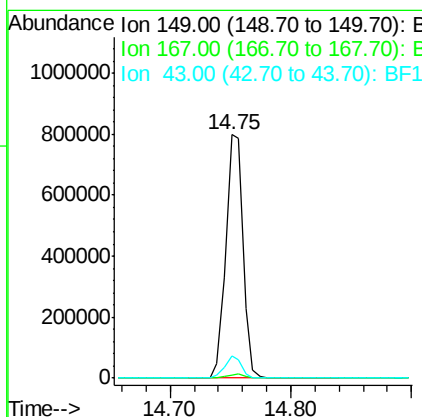
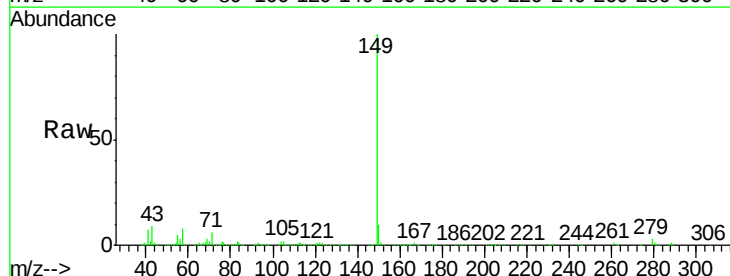
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

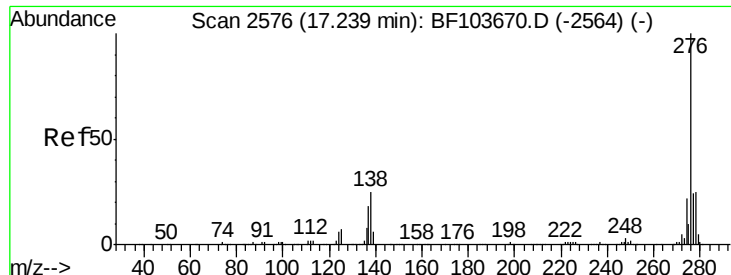
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.6	3.0	4.4



#84
 Di-n-octyl phthalate
 Concen: 46.433 ng
 RT: 14.75 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.135 ng

RT: 17.31 min Scan# 2588

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

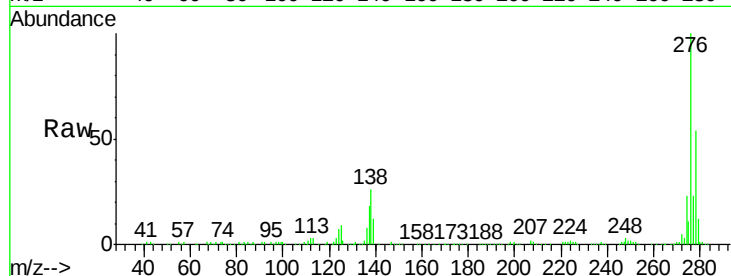
Tot Ion:276 Resp: 515673

Ion Ratio Lower Upper

276 100

138 28.3 25.0 37.6

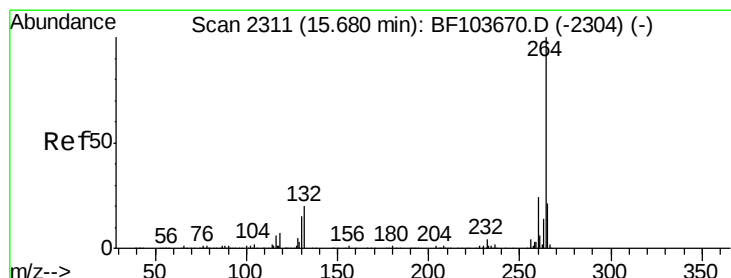
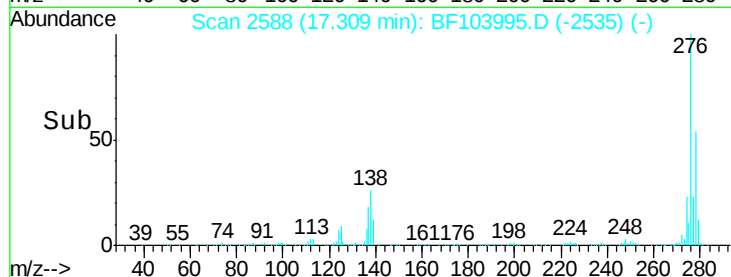
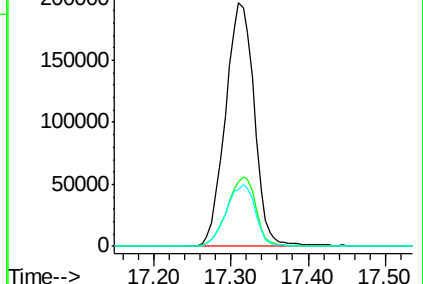
277 25.6 20.1 30.1



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: 15.72 min Scan# 2317

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

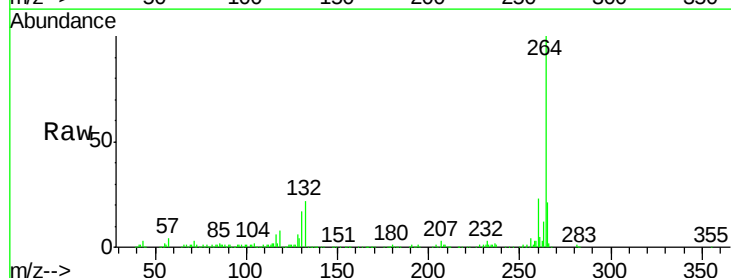
Tgt Ion:264 Resp: 226563

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

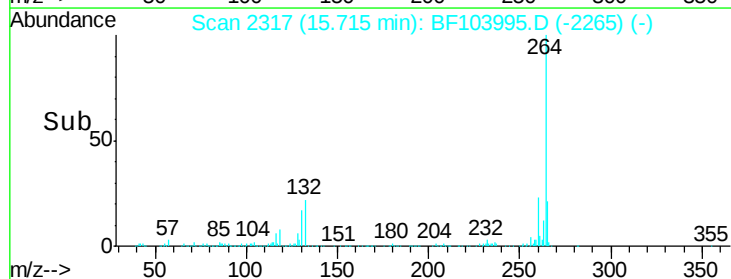
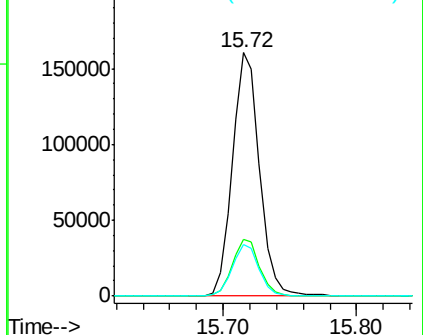
265 21.5 17.5 26.3

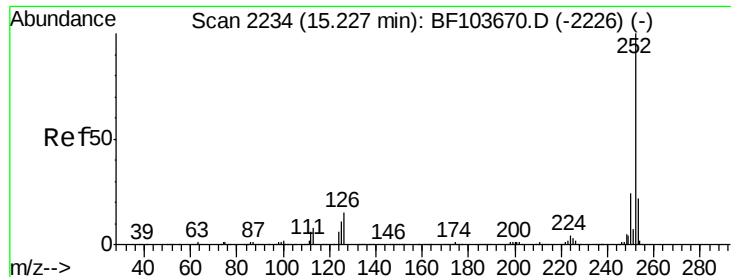


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.708 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

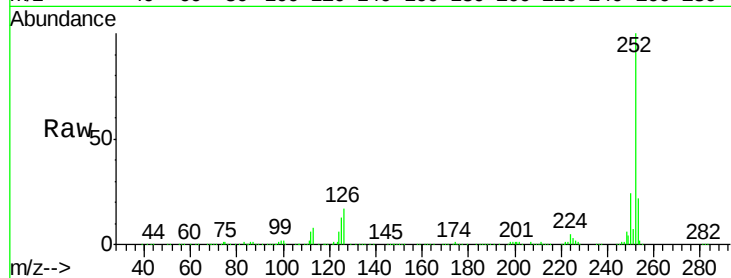
Tot Ion:252 Resp: 582682

Ion Ratio Lower Upper

252 100

253 22.3 17.0 25.6

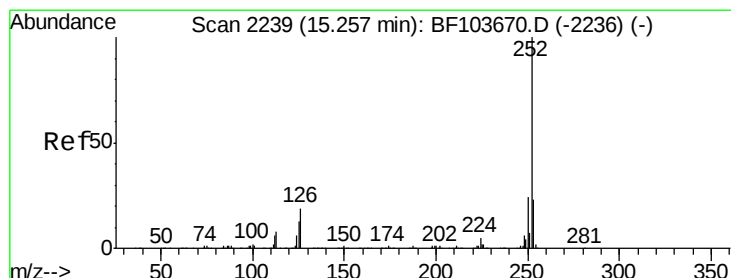
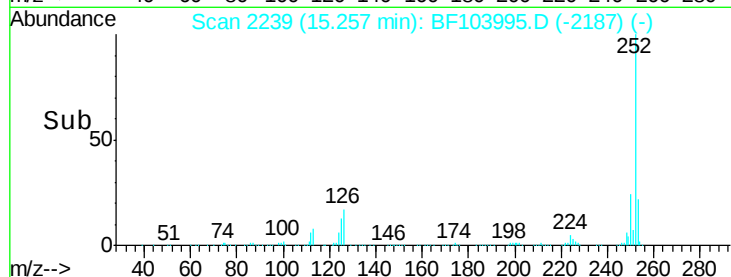
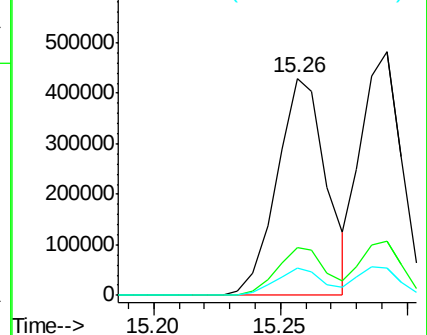
125 12.8 9.0 13.6



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: 39.688 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

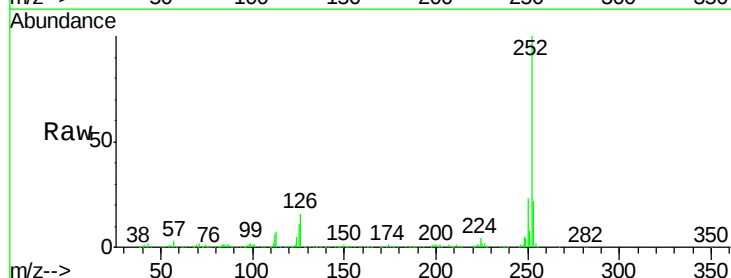
Tgt Ion:252 Resp: 546074

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

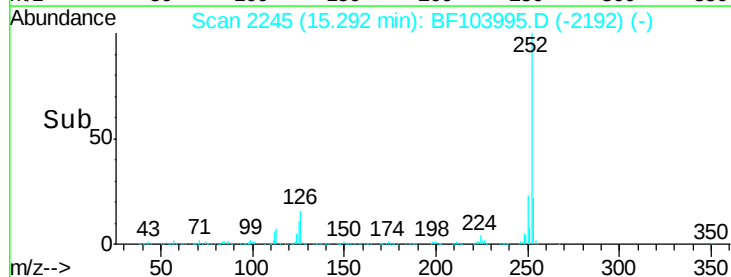
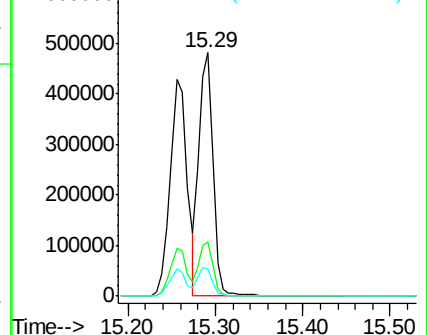
125 11.4 10.2 15.2

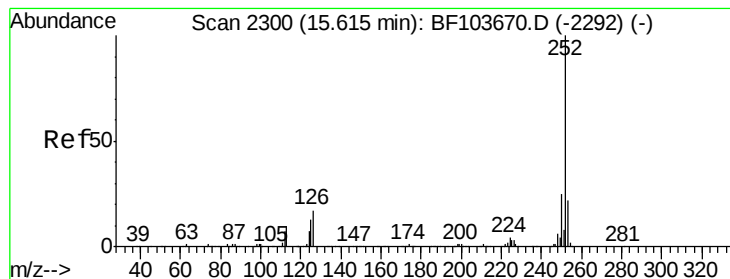


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.934 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

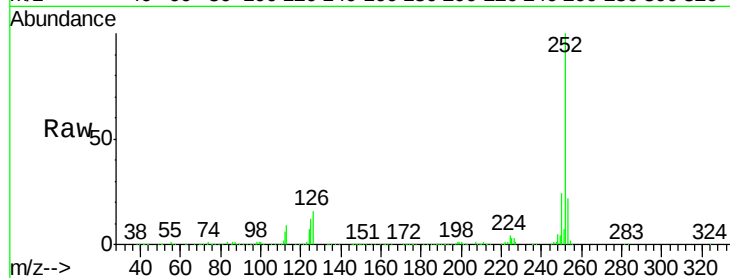
Tot Ion:252 Resp: 518447

Ion Ratio Lower Upper

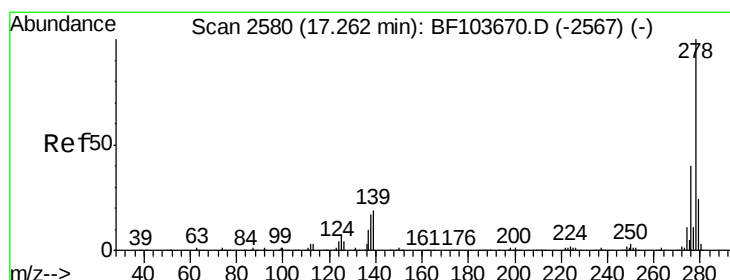
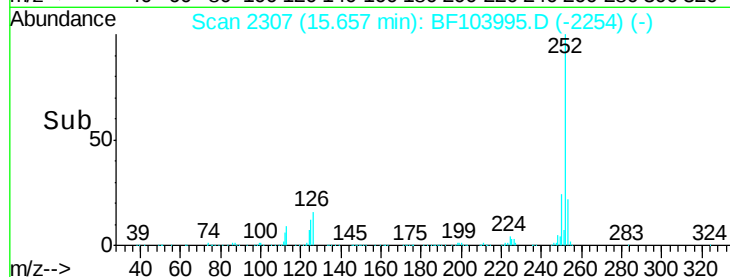
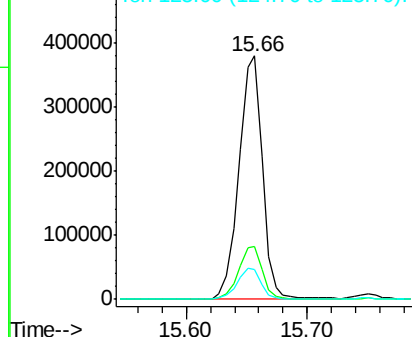
252 100

253 21.9 17.1 25.7

125 12.2 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 38.934 ng

RT: 17.33 min Scan# 2591

Delta R.T. 0.01 min

Lab File: BF103995.D

Acq: 28 Mar 2018 3:38

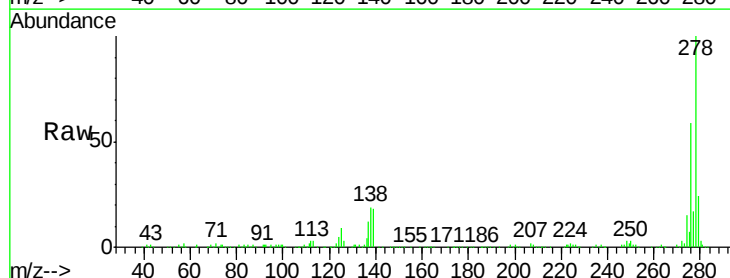
Tgt Ion:278 Resp: 437685

Ion Ratio Lower Upper

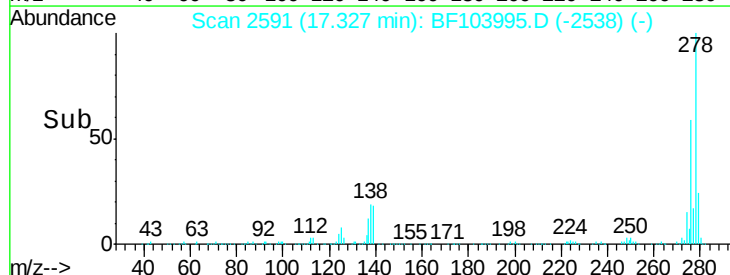
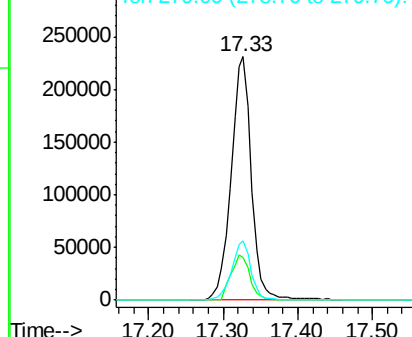
278 100

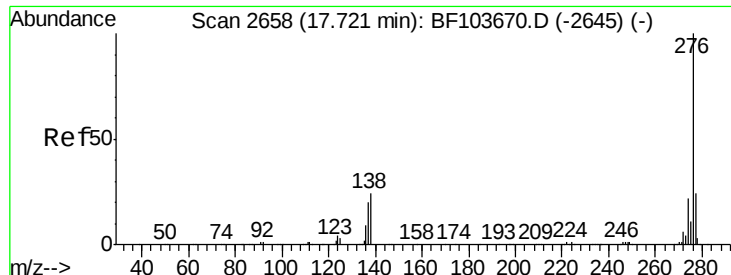
139 17.7 15.9 23.9

279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

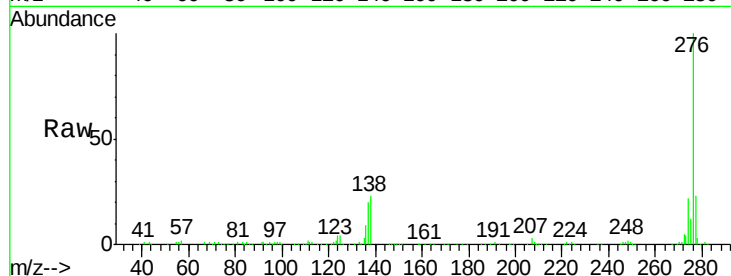




#91
 Benzo(a,h,i)perylene
 Concen: 37.419 ng
 RT: 17.80 min Scan# 2671
 Delta R.T. 0.02 min
 Lab File: BF103995.D
 Acq: 28 Mar 2018 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	23.3	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

