

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093603.D
 Acq On : 13 Mar 2017 12:01
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 14 01:00:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157654	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	667989	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	309896	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	514654	20.00	ng	0.00
75) Chrysene-d12	13.90	240	459097	20.00	ng	0.01
86) Perylene-d12	15.31	264	370354	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	871725	92.03	ng	-0.02
7) Phenol-d6	6.37	99	900715	75.40	ng	-0.01
23) Nitrobenzene-d5	7.29	82	1002394	83.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	181973	90.13	ng	0.01
44) 2-Fluorobiphenyl	9.09	172	1464681	87.91	ng	0.00
78) Terphenyl-d14	12.84	244	1322533	74.90	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.17	88	215904	41.38	ng	87
3) Pyridine	2.85	79	566744	42.60	ng	86
4) n-Nitrosodimethylamine	2.82	42	280131	44.09	ng	88
6) Aniline	6.38	93	666687	40.67	ng	# 78
8) 2-Chlorophenol	6.49	128	431160	40.62	ng	85
9) Benzaldehyde	6.26	77	299636	41.76	ng	99
10) Phenol	6.38	94	630983	43.11	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	460299	38.91	ng	90
12) 1,3-Dichlorobenzene	6.88	146	434008	35.73	ng	96
13) 1,4-Dichlorobenzene	6.72	146	513554	41.29	ng	100
14) 1,2-Dichlorobenzene	6.88	146	448873	40.75	ng	96
15) Benzyl Alcohol	6.87	79	375670	44.12	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	824602	41.96	ng	# 41
17) 2-Methylphenol	7.00	107	362589	40.39	ng	93
18) Hexachloroethane	7.21	117	176180	42.00	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	321572	39.16	ng	91
20) 3+4-Methylphenols	7.16	107	498391	42.81	ng	# 74
22) Acetophenone	7.13	105	613173	38.15	ng	# 99
24) Nitrobenzene	7.30	77	517050	38.21	ng	96
25) Isophorone	7.54	82	941505	38.78	ng	# 93
26) 2-Nitrophenol	7.62	139	248949	40.33	ng	90
27) 2,4-Dimethylphenol	7.68	122	361590	36.01	ng	93
28) bis(2-Chloroethoxy)methane	7.76	93	636203	41.51	ng	99
29) 2,4-Dichlorophenol	7.88	162	385964	40.85	ng	84
30) 1,2,4-Trichlorobenzene	7.94	180	379672	37.79	ng	94
31) Naphthalene	8.02	128	1292323	38.61	ng	99
32) Benzoic acid	7.84	122	193426	37.07	ng	93
33) 4-Chloroaniline	8.09	127	499523	36.77	ng	95
34) Hexachlorobutadiene	8.14	225	210368	40.65	ng	99
35) Caprolactam	8.47	113	117244	36.34	ng	# 30
36) 4-Chloro-3-methylphenol	8.60	107	388314	38.51	ng	90
37) 2-Methylnaphthalene	8.72	142	832245	39.08	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	364763	43.11	ng	100
40) Hexachlorocyclopentadiene	8.87	237	58698	35.42	ng	97

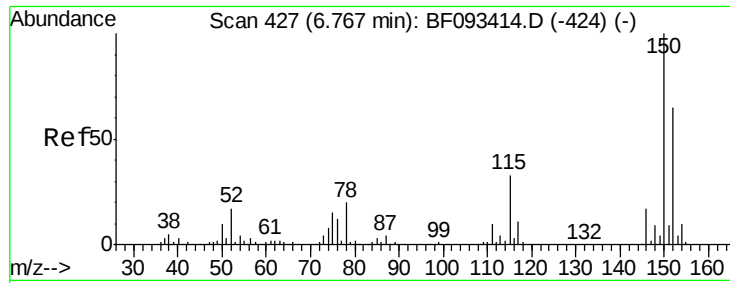
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	229967	43.50	ng	94
43) 2,4,5-Trichlorophenol	9.06	196	250433	44.15	ng #	91
45) 1,1'-Biphenyl	9.19	154	964192	42.71	ng	99
46) 2-Chloronaphthalene	9.21	162	804150	46.54	ng	98
47) 2-Nitroaniline	9.33	65	300824	49.25	ng	87
48) Acenaphthylene	9.62	152	1270638	44.58	ng	99
49) Dimethylphthalate	9.50	163	899173	43.77	ng	99
50) 2,6-Dinitrotoluene	9.57	165	215779	47.86	ng #	83
51) Acenaphthene	9.80	154	718000	42.60	ng	97
52) 3-Nitroaniline	9.74	138	235249	43.44	ng	100
53) 2,4-Dinitrophenol	9.88	184	98074	47.77	ng #	75
54) Dibenzofuran	9.97	168	922418	43.73	ng	97
55) 4-Nitrophenol	9.97	139	465932	177.12	ng #	9
56) 2,4-Dinitrotoluene	9.98	165	261620	47.24	ng	97
57) Fluorene	10.31	166	733395	41.03	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	162872	40.68	ng	95
59) Diethylphthalate	10.20	149	826419	42.09	ng	95
60) 4-Chlorophenyl-phenylether	10.30	204	337960	42.18	ng	97
61) 4-Nitroaniline	10.36	138	209345	37.79	ng	92
62) Azobenzene	10.46	77	856489	38.39	ng	95
64) 4,6-Dinitro-2-methylphenol	10.40	198	107096	32.12	ng	91
65) n-Nitrosodiphenylamine	10.42	169	628390	36.57	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	203259	37.35	ng	98
67) Hexachlorobenzene	10.86	284	203275	39.12	ng #	79
68) Atrazine	10.96	200	201890	40.14	ng	98
69) Pentachlorophenol	11.08	266	79647	44.39	ng	95
70) Phenanthrene	11.27	178	1087640	37.02	ng	98
71) Anthracene	11.33	178	1159240	39.01	ng	99
72) Carbazole	11.49	167	1155036	41.38	ng	100
73) Di-n-butylphthalate	11.82	149	1323193	40.97	ng #	96
74) Fluoranthene	12.47	202	1203848	42.43	ng	92
76) Benzidine	12.60	184	579928	38.41	ng	99
77) Pyrene	12.70	202	1225950	36.72	ng	98
79) Butylbenzylphthalate	13.32	149	562750	40.04	ng #	74
80) Benzo(a)anthracene	13.89	228	1008904	37.21	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	388734	40.94	ng #	95
82) Chrysene	13.92	228	894739	35.67	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	743024	37.93	ng	100
84) Di-n-octyl phthalate	14.48	149	1293319	39.61	ng	99
85) Indeno(1,2,3-cd)pyrene	16.67	276	736806	35.09	ng #	93
87) Benzo(b)fluoranthene	14.94	252	1774909	78.69	ng #	97
88) Benzo(k)fluoranthene	14.94	252	1775099	81.61	ng	98
89) Benzo(a)pyrene	15.25	252	820033	39.78	ng	97
90) Dibenzo(a,h)anthracene	16.67	278	637653	37.39	ng	98
91) Benzo(g,h,i)perylene	17.07	276	635657	36.32	ng #	91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

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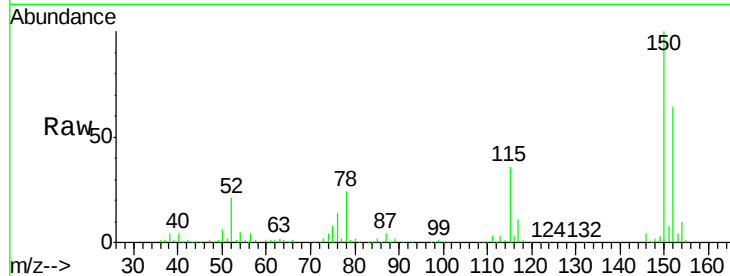
Tgt Ion:152 Resp: 157654

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

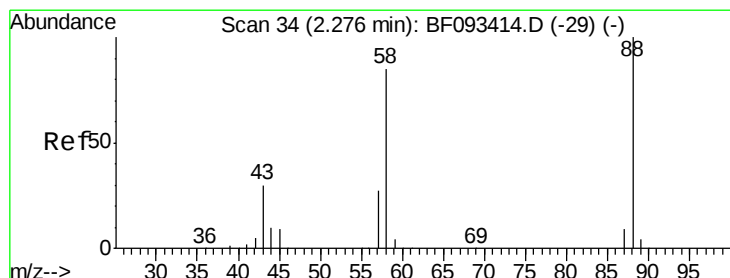
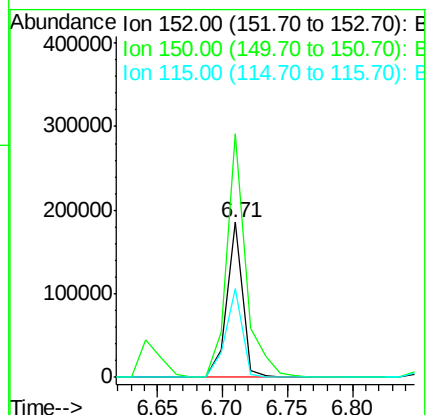
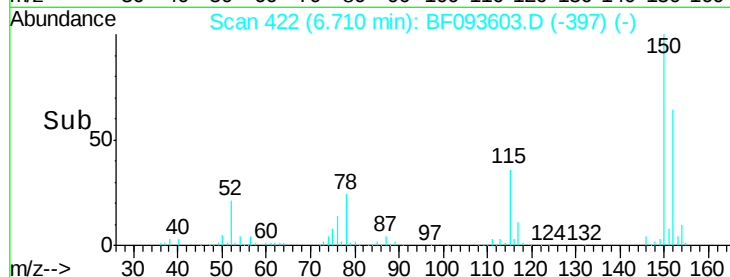
115 57.0 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.38 ng

RT: 2.17 min Scan# 25

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

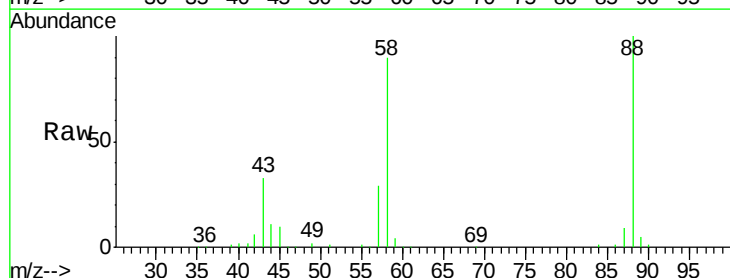
Tgt Ion: 88 Resp: 215904

Ion Ratio Lower Upper

88 100

58 86.0 57.8 86.8

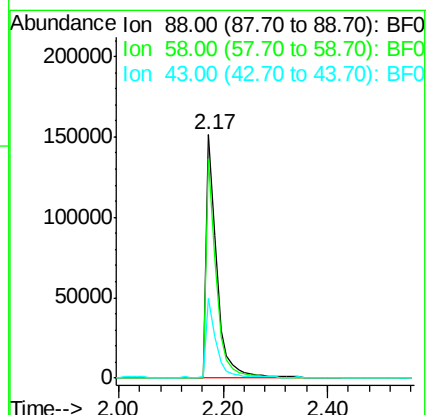
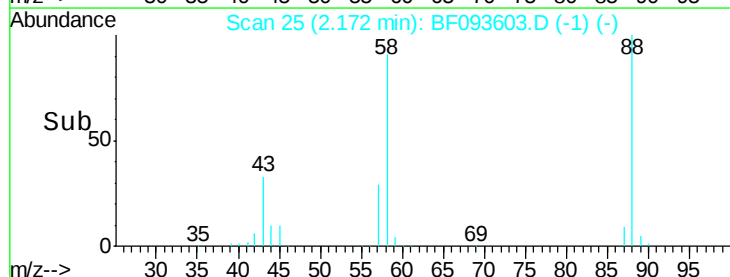
43 30.7 22.3 33.5

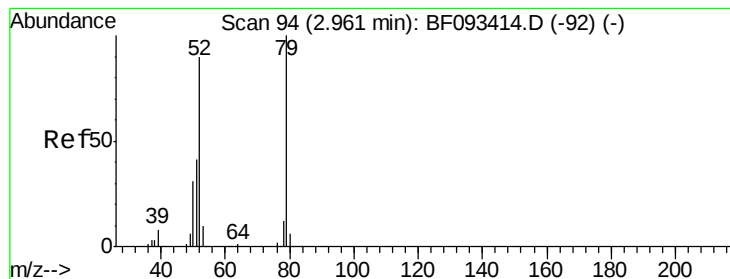


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.60 ng

RT: 2.85 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

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ClientSampleId :

SSTDCCC040

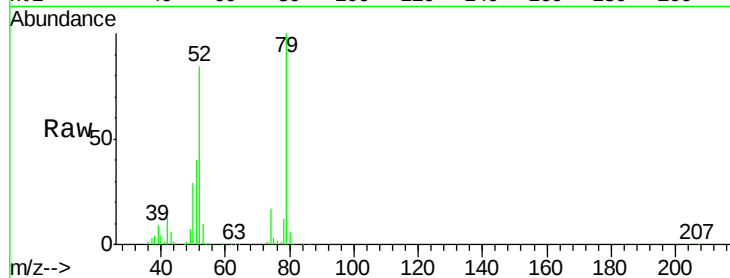
Tgt Ion: 79 Resp: 566744

Ion Ratio Lower Upper

79 100

52 84.5 57.1 85.7

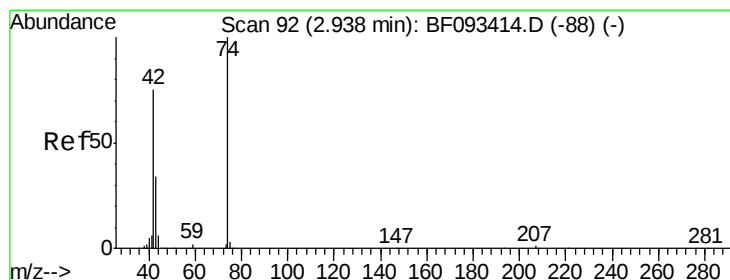
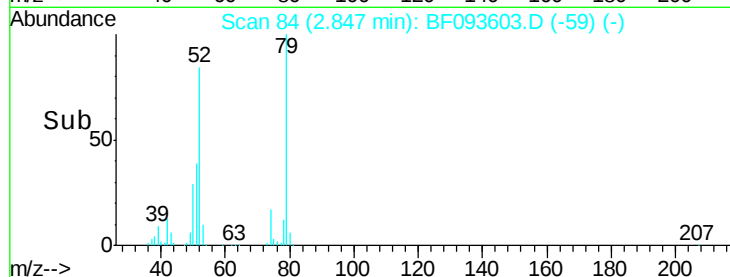
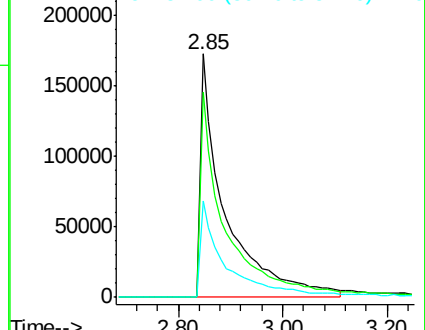
51 39.8 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.09 ng

RT: 2.82 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

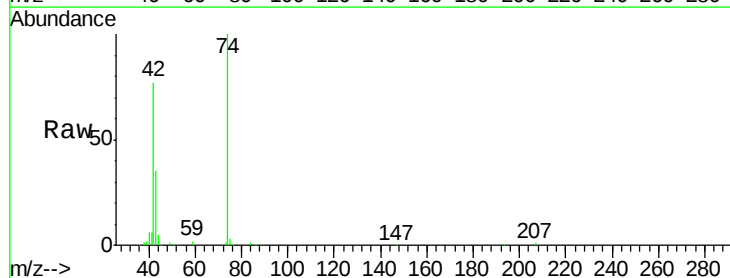
Tgt Ion: 42 Resp: 280131

Ion Ratio Lower Upper

42 100

74 129.9 117.0 175.4

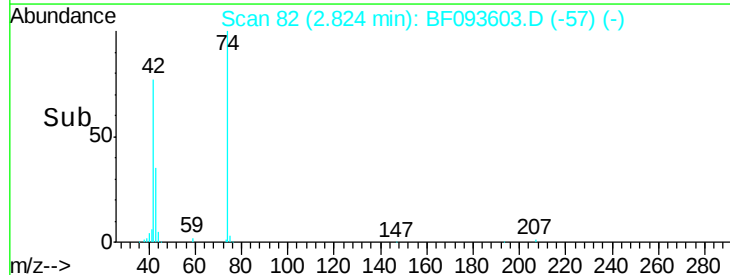
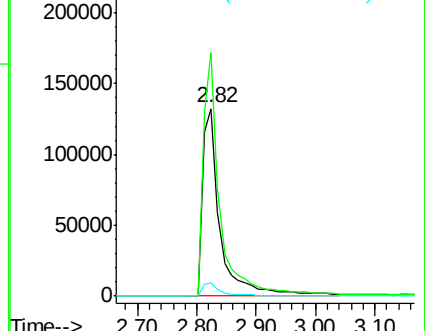
44 7.1 5.5 8.3

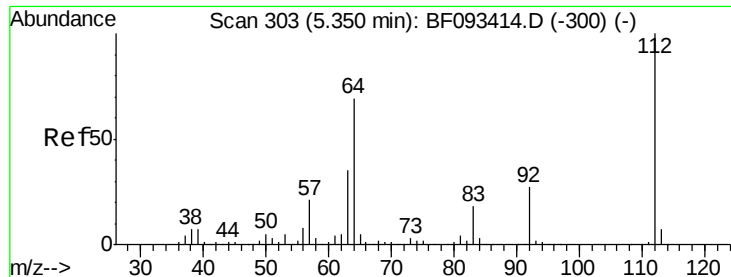


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 92.03 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

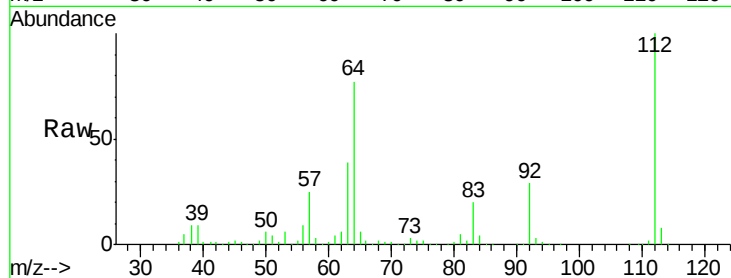
SSTDCCC040

Tgt Ion: 112 Resp: 871725
Ion Ratio Lower Upper

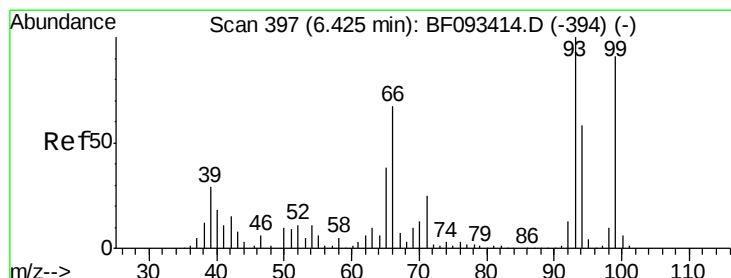
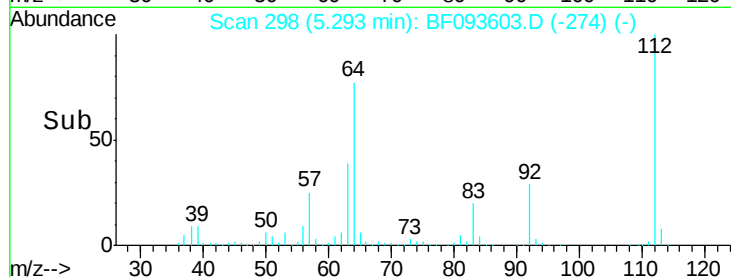
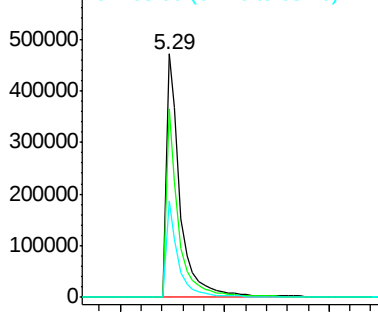
112 100

64 77.4 46.1 69.1#

63 39.4 23.8 35.6#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.67 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093603.D

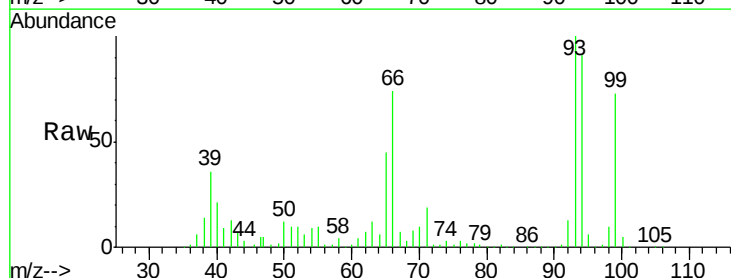
Acq: 13 Mar 2017 12:01

Tgt Ion: 93 Resp: 666687
Ion Ratio Lower Upper

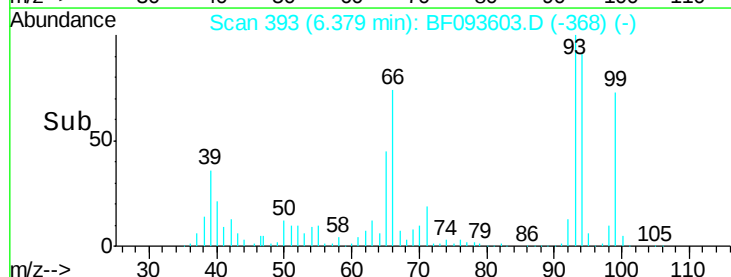
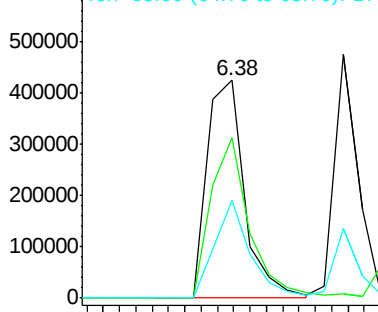
93 100

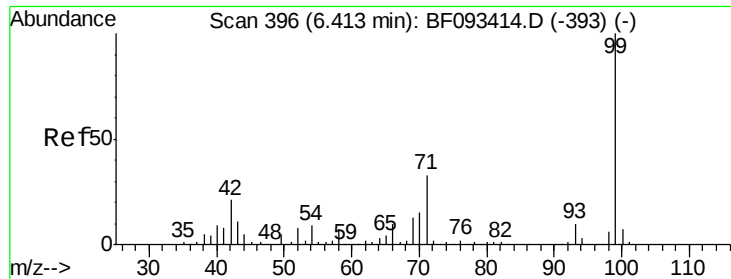
66 73.7 76.2 114.2#

65 45.0 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.40 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

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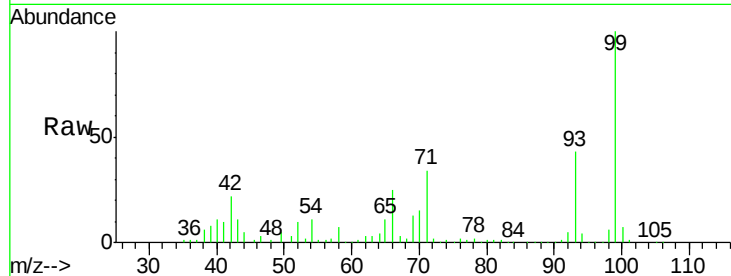
Tgt Ion: 99 Resp: 900715

Ion Ratio Lower Upper

99 100

42 21.9 15.6 23.4

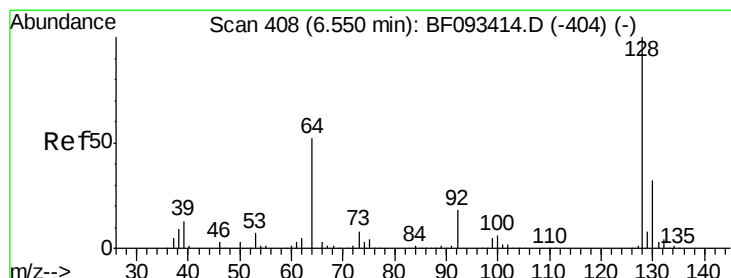
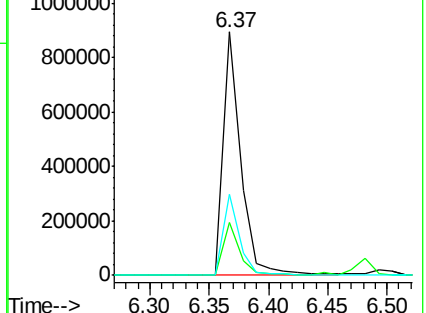
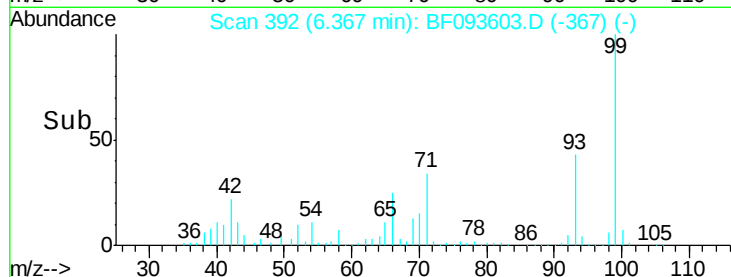
71 33.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.62 ng

RT: 6.49 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

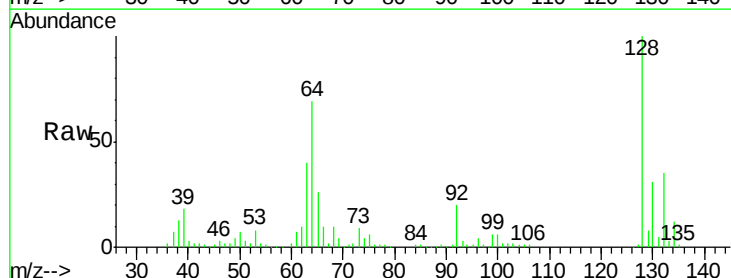
Tgt Ion: 128 Resp: 431160

Ion Ratio Lower Upper

128 100

130 31.3 12.3 52.3

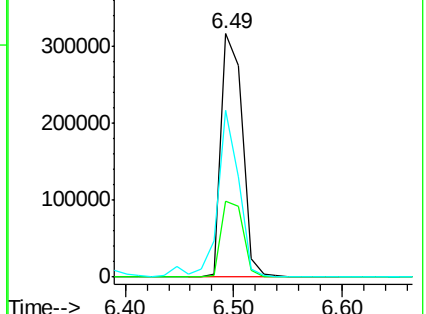
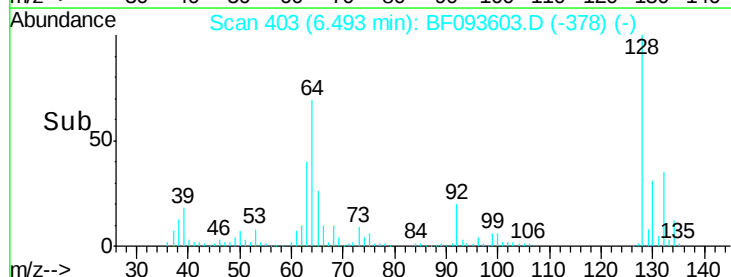
64 68.7 32.2 72.2

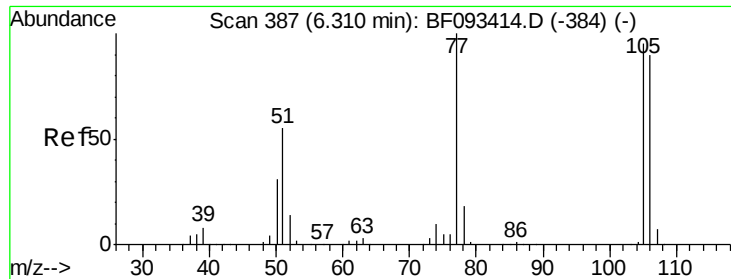


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

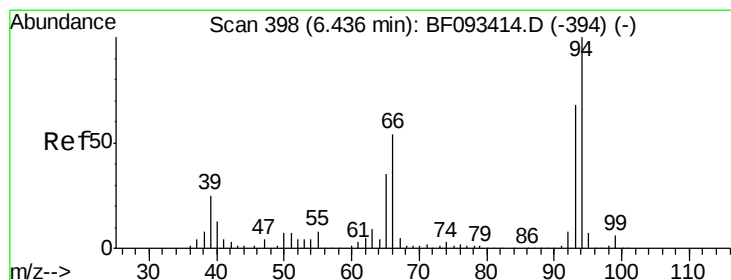
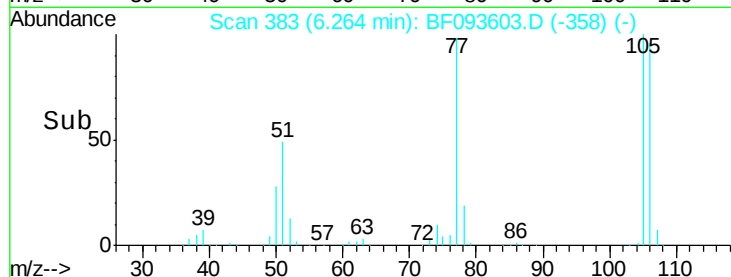
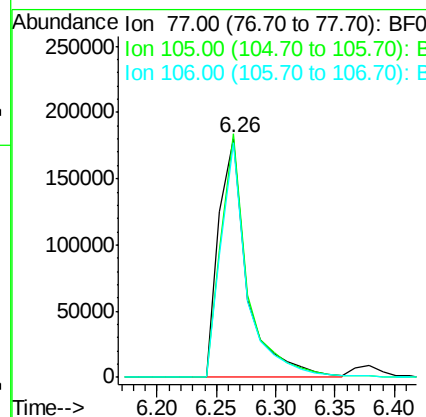
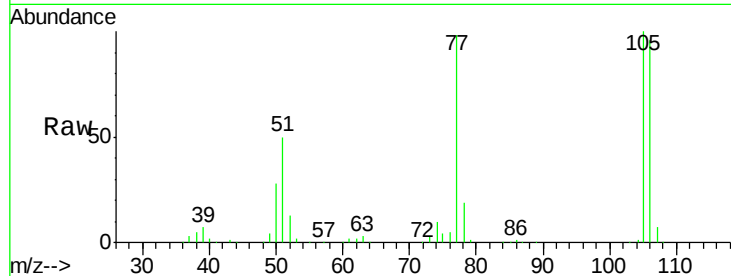




#9
Benzaldehyde
Concen: 41.76 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.01 min
Lab File: BF093603.D
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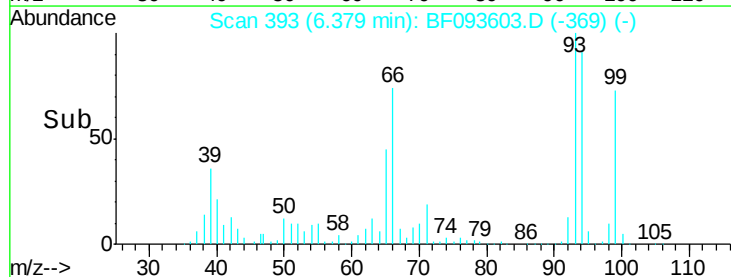
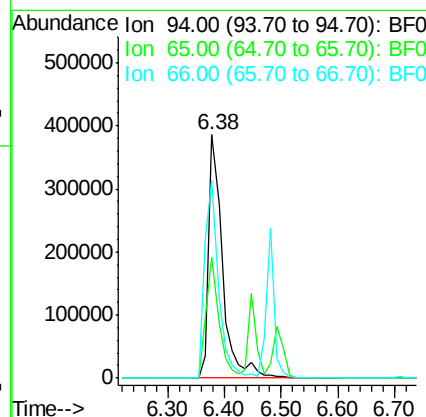
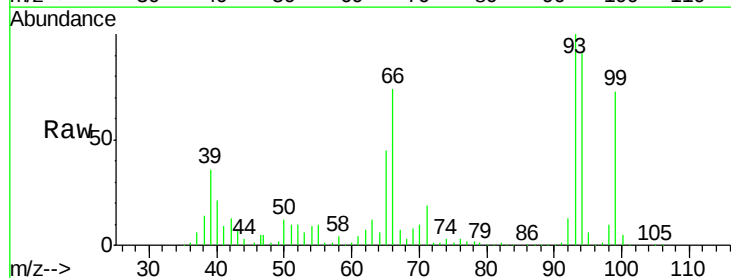
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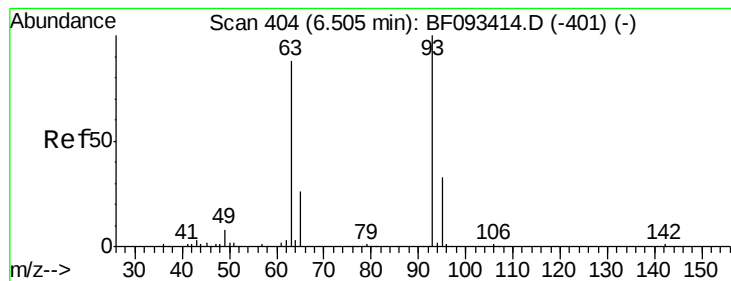
Tgt Ion: 77 Resp: 299636
Ion Ratio Lower Upper
77 100
105 102.0 83.9 123.9
106 98.2 77.6 117.6



#10
Phenol
Concen: 43.11 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion: 94 Resp: 630983
Ion Ratio Lower Upper
94 100
65 49.6 21.4 61.4
66 81.1 44.0 84.0





#11

bis(2-Chloroethyl)ether

Concen: 38.91 ng

RT: 6.45 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

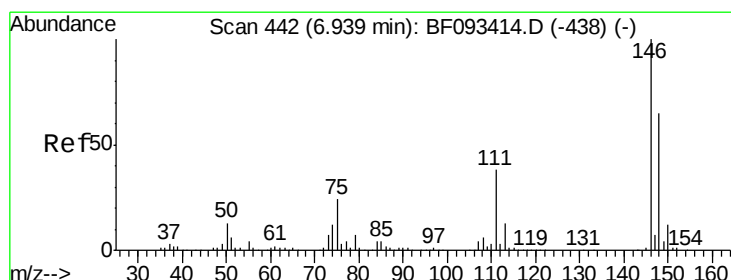
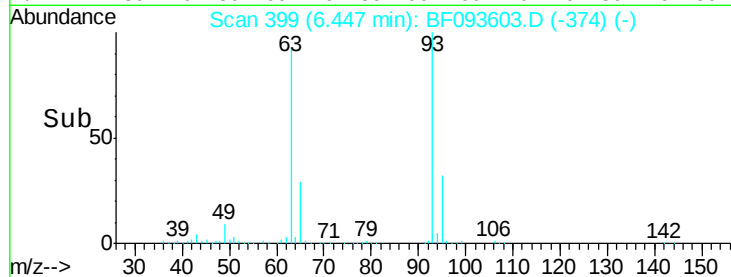
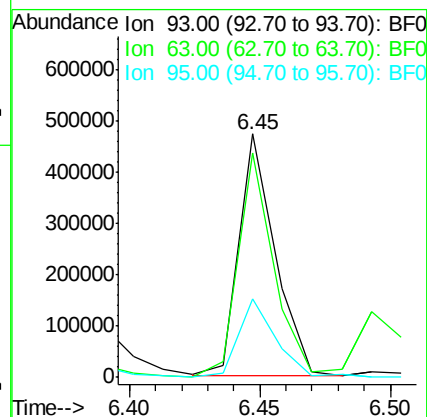
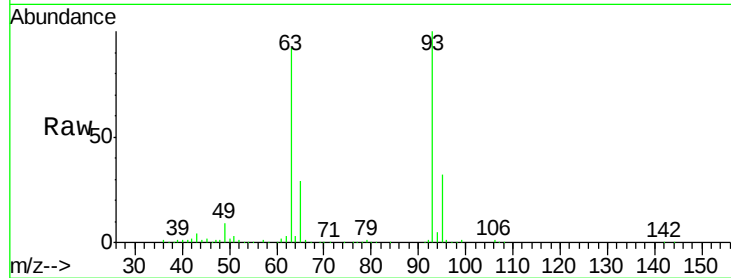
Tgt Ion: 93 Resp: 460299

Ion Ratio Lower Upper

93 100

63 92.2 60.4 100.4

95 32.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 35.73 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.23 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

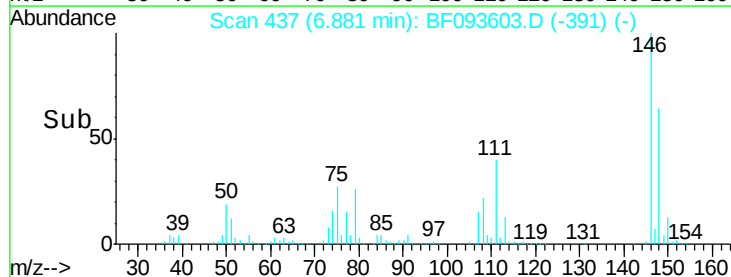
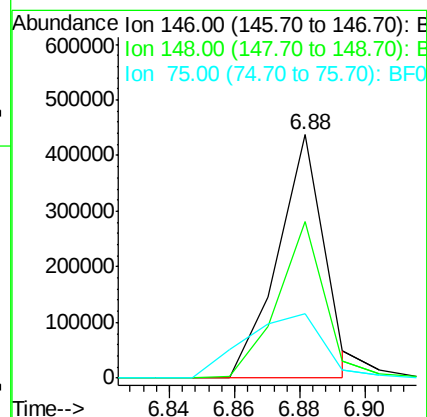
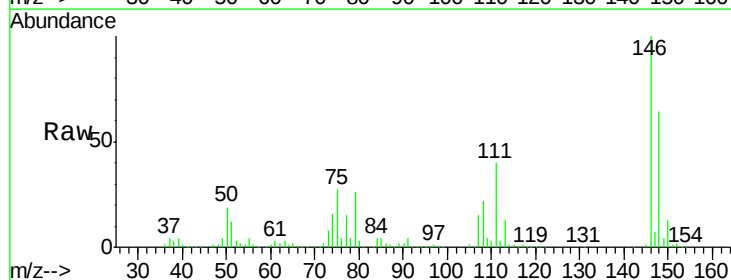
Tgt Ion: 146 Resp: 434008

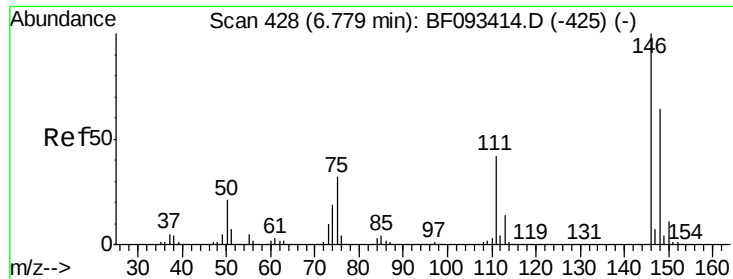
Ion Ratio Lower Upper

146 100

148 64.4 53.4 80.0

75 26.7 18.5 27.7

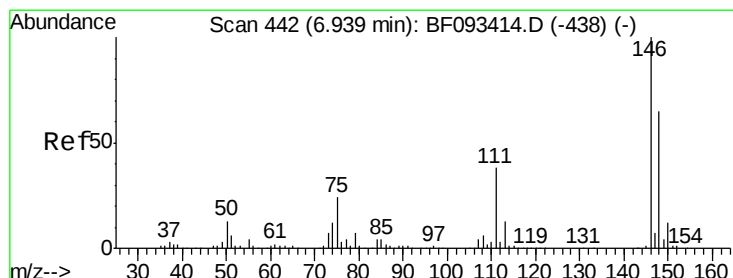
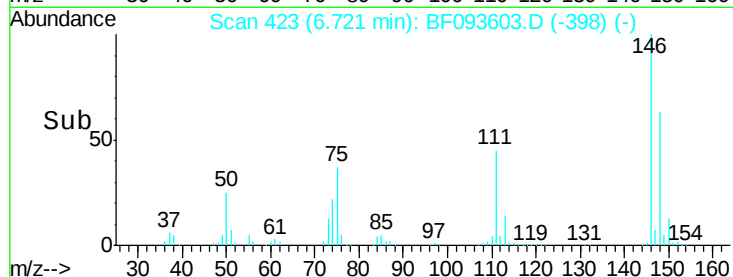
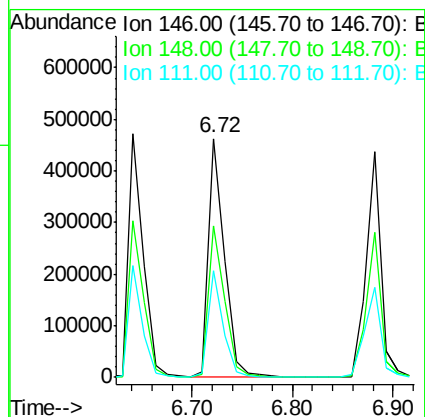
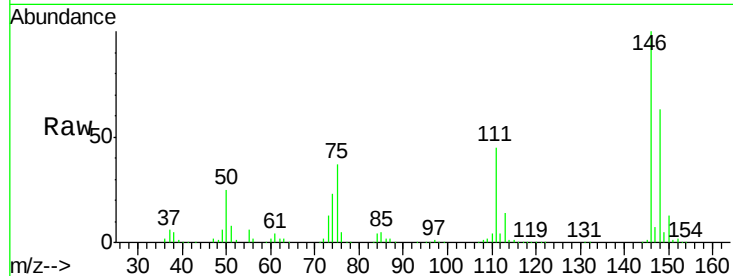




#13
 1,4-Dichlorobenzene
 Concen: 41.29 ng
 RT: 6.72 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

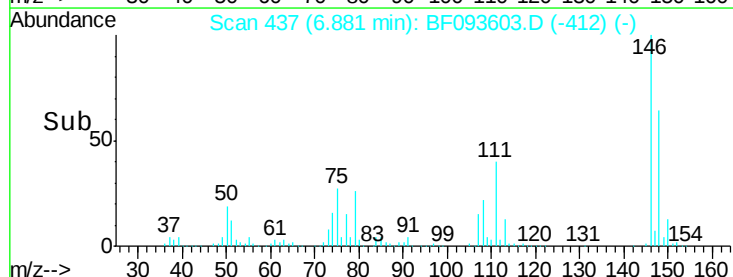
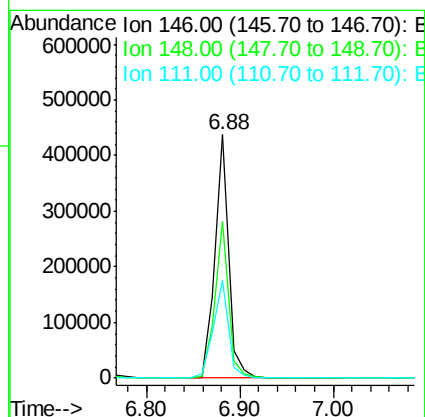
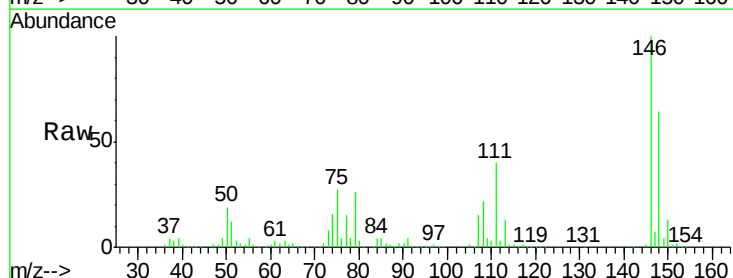
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

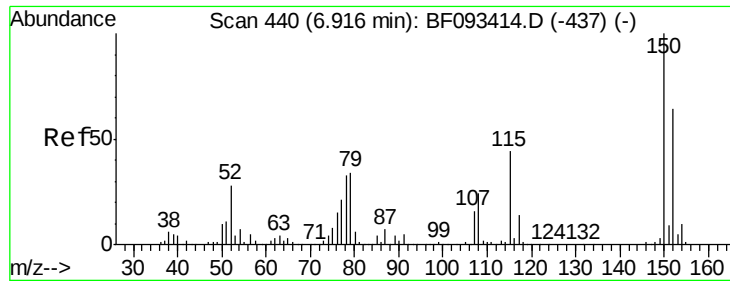
Tgt Ion:146 Resp: 513554
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.6 76.0
 111 44.8 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 40.75 ng
 RT: 6.88 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:146 Resp: 448873
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.2 78.2
 111 40.1 36.2 54.2

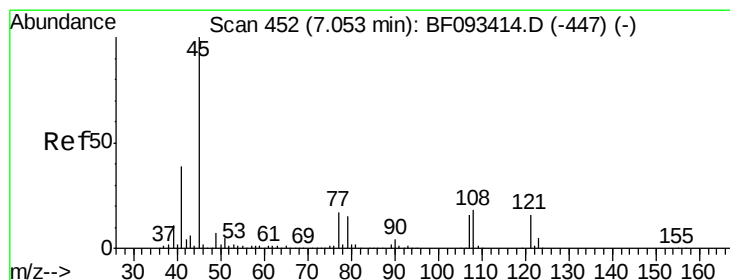
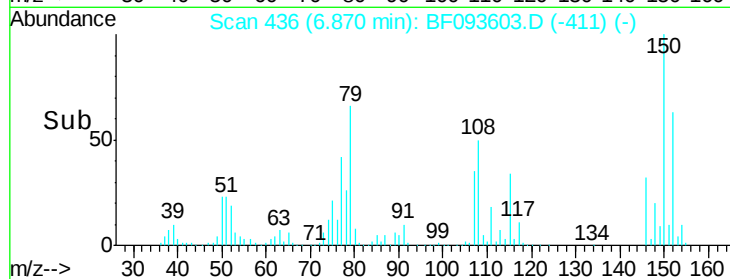
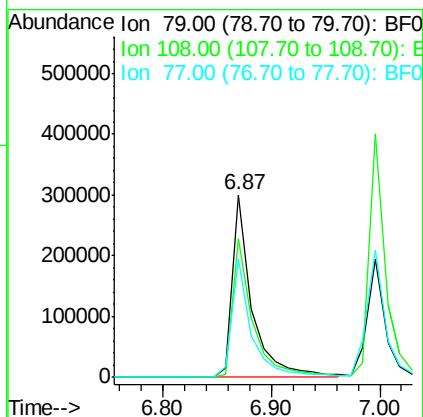
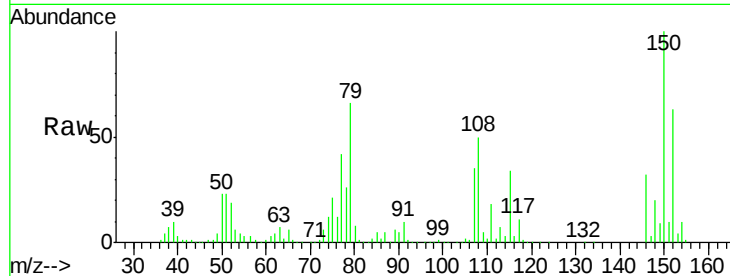




#15
Benzyl Alcohol
Concen: 44.12 ng
RT: 6.87 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

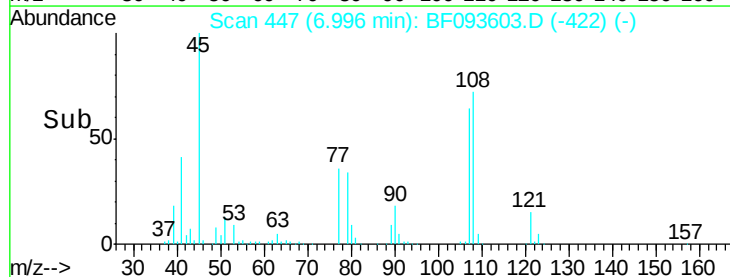
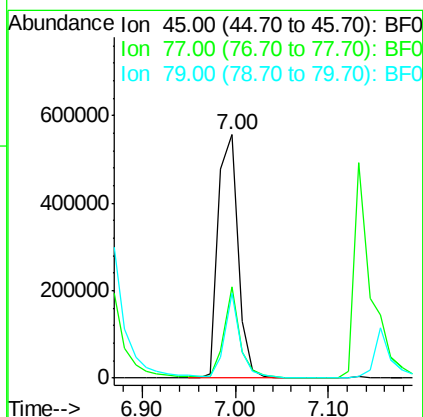
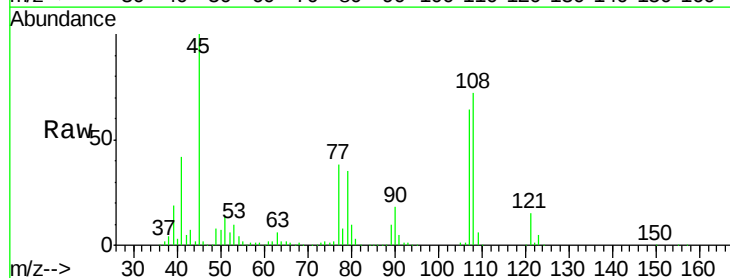
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

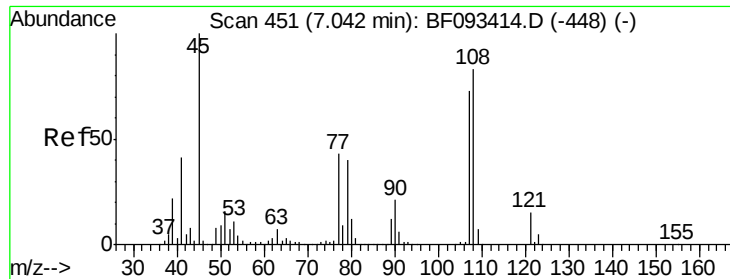
Tgt Ion: 79 Resp: 375670
Ion Ratio Lower Upper
79 100
108 76.2 61.4 92.0
77 64.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.96 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion: 45 Resp: 824602
Ion Ratio Lower Upper
45 100
77 37.5 0.0 34.6#
79 35.0 0.0 31.2#

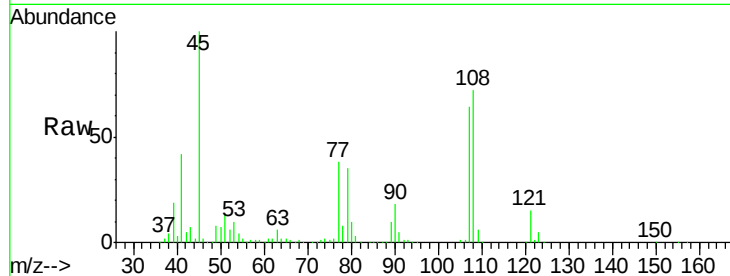




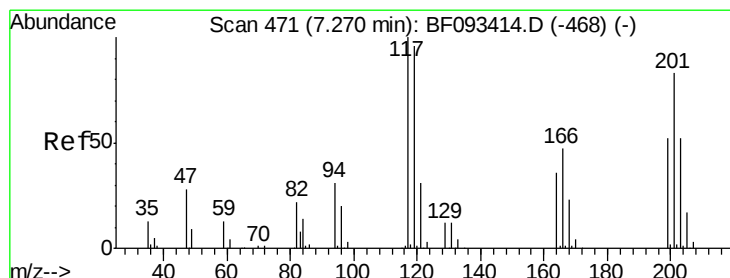
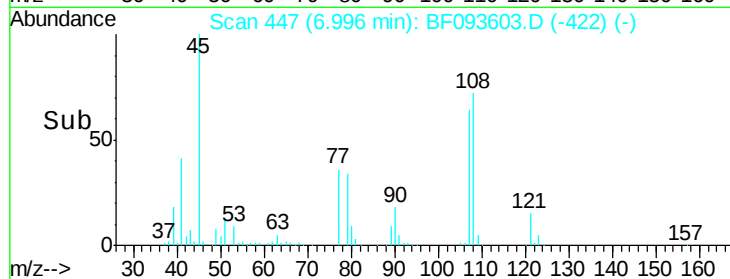
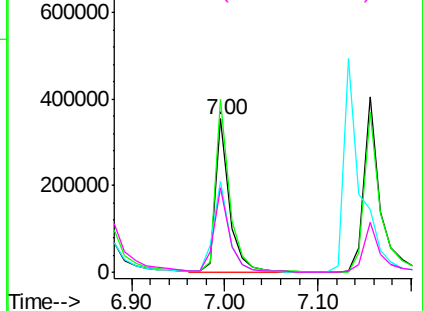
#17
2-Methylphenol
Concen: 40.39 ng
RT: 7.00 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.0	139.6
77	58.9	39.8	59.8
79	54.9	38.0	57.0

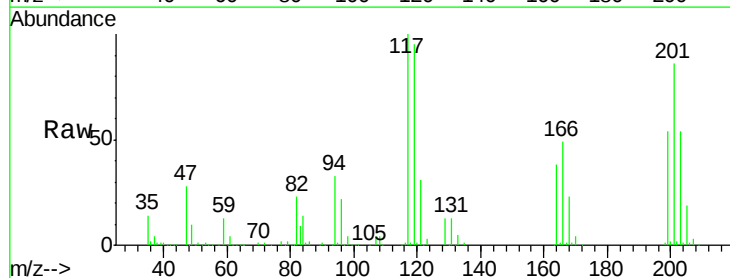


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

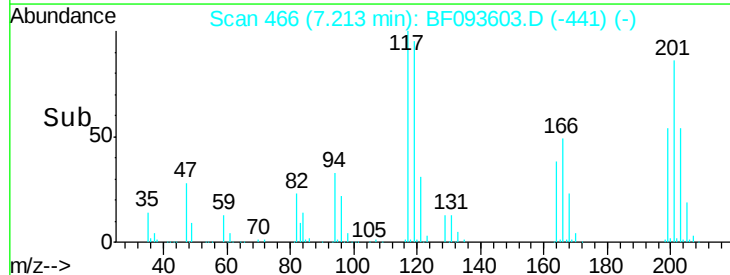
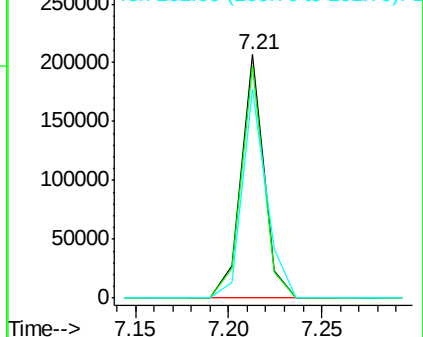


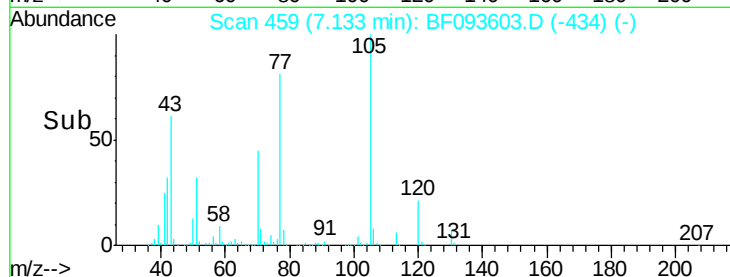
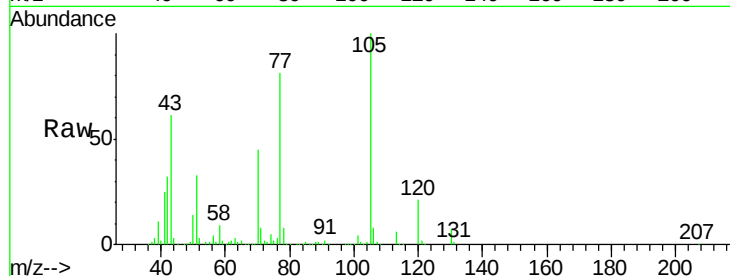
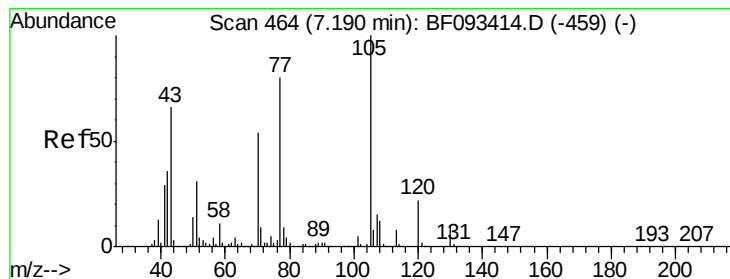
#18
Hexachloroethane
Concen: 42.00 ng
RT: 7.21 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.1	117.1
201	85.9	78.6	117.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.16 ng

RT: 7.13 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 321572

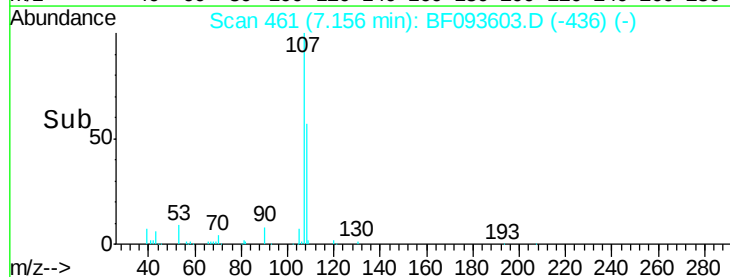
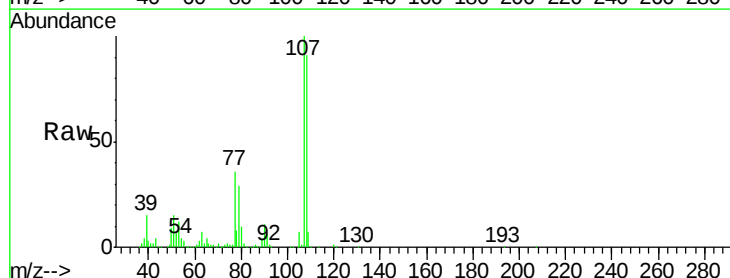
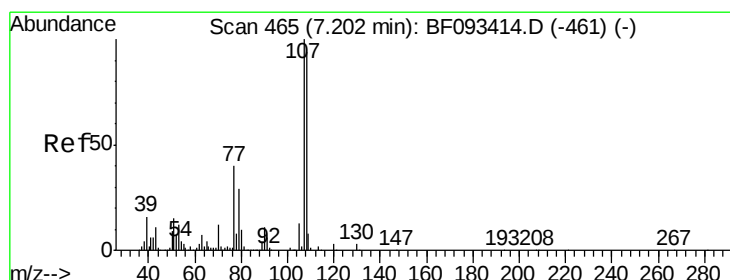
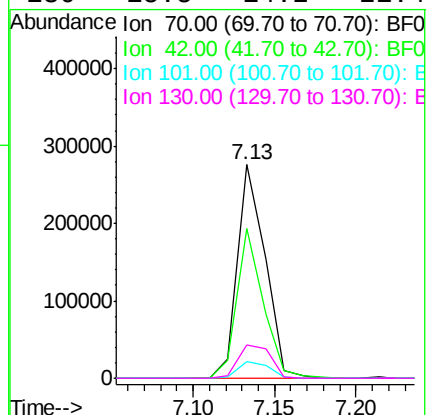
Ion Ratio Lower Upper

70 100

42 70.1 49.4 74.0

101 8.1 7.4 11.2

130 15.5 14.2 21.4



#20

3+4-Methylphenols

Concen: 42.81 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion: 107 Resp: 498391

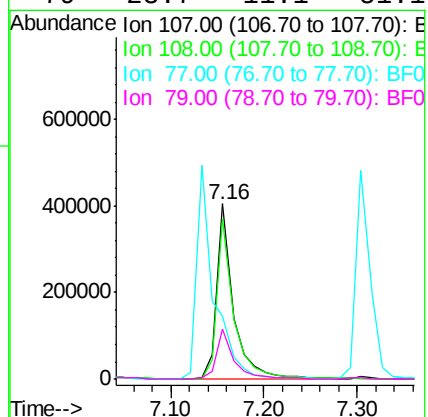
Ion Ratio Lower Upper

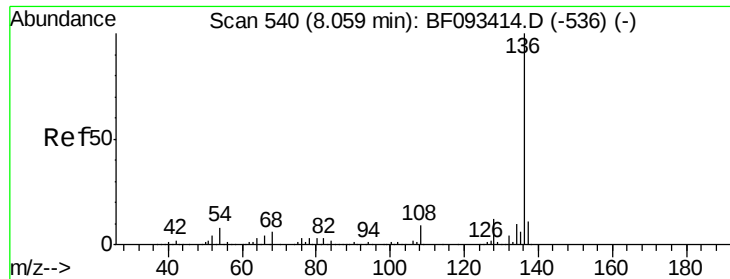
107 100

108 91.0 73.0 113.0

77 35.9 71.3 111.3#

79 28.7 11.1 51.1

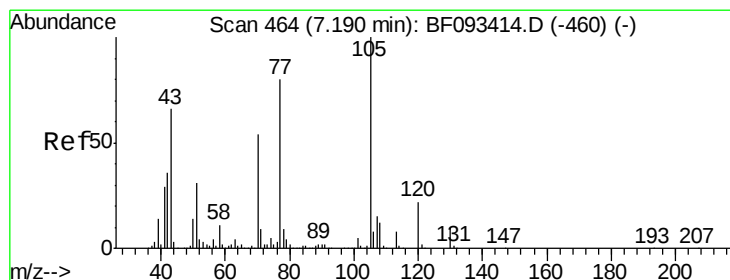
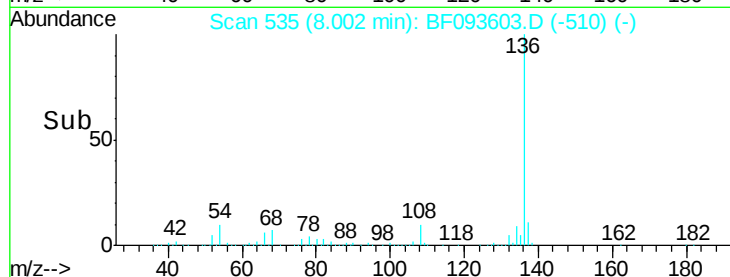
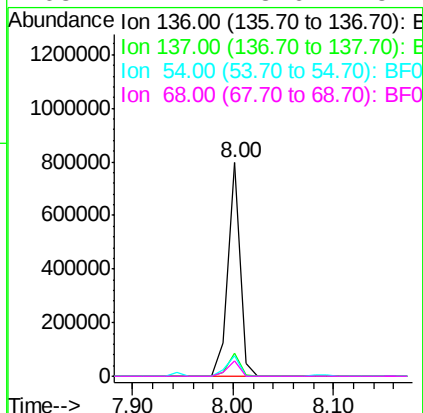
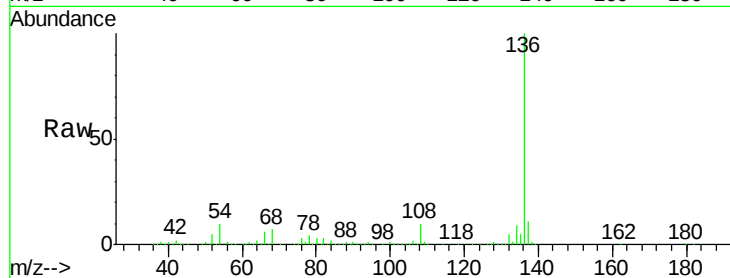




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

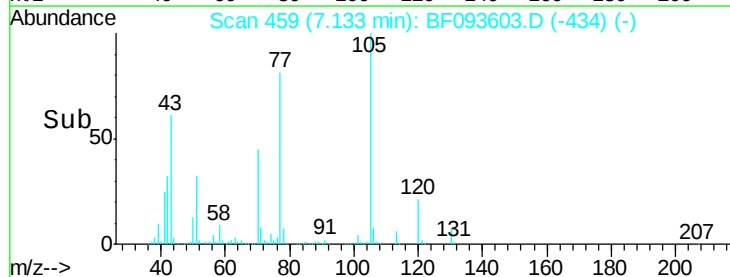
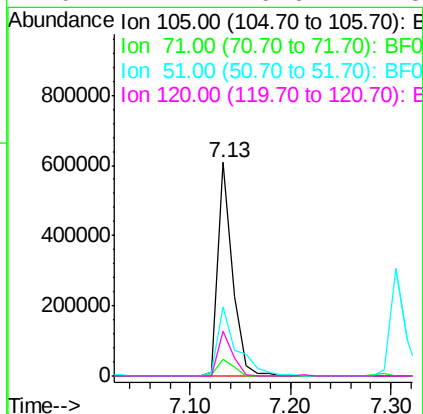
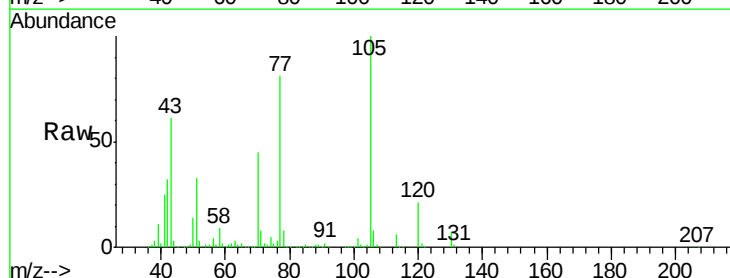
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

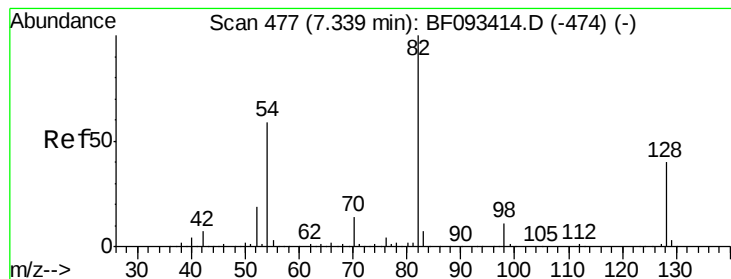
Tgt Ion:	136	Resp:	667989
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.7	4.5	6.7#
68	7.2	3.6	5.4#



#22
Acetophenone
Concen: 38.15 ng
RT: 7.13 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:	105	Resp:	613173
Ion	Ratio	Lower	Upper
105	100		
71	7.7	3.2	4.8#
51	32.6	26.2	39.4
120	21.1	16.6	24.8





#23

Nitrobenzene-d5

Concen: 83.26 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

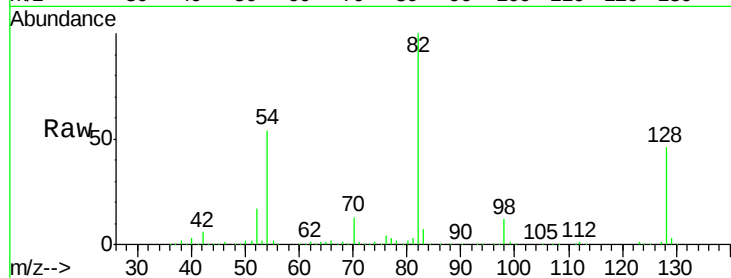
Tgt Ion: 82 Resp: 1002394

Ion Ratio Lower Upper

82 100

128 45.5 34.6 52.0

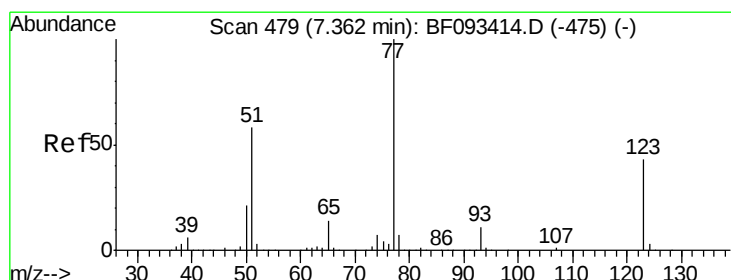
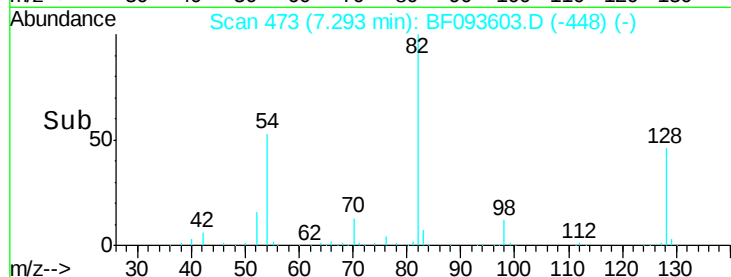
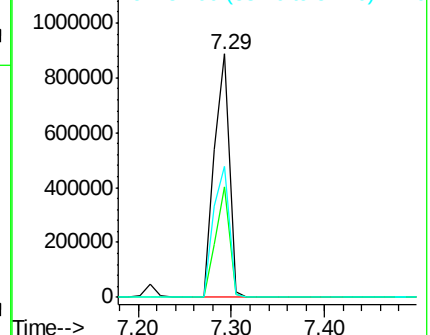
54 53.6 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 38.21 ng

RT: 7.30 min Scan# 474

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

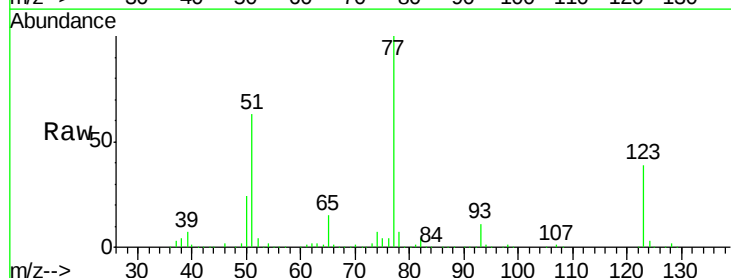
Tgt Ion: 77 Resp: 517050

Ion Ratio Lower Upper

77 100

123 38.5 33.0 49.4

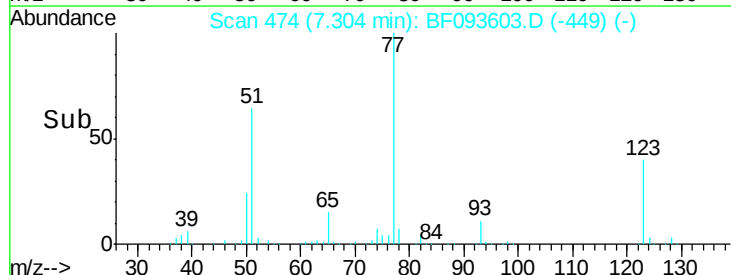
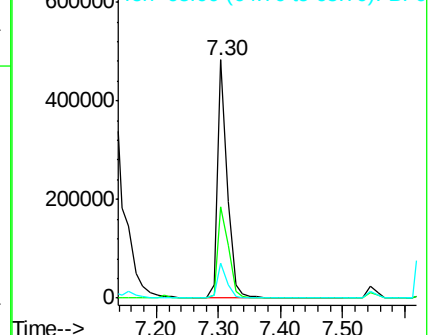
65 14.6 11.2 16.8

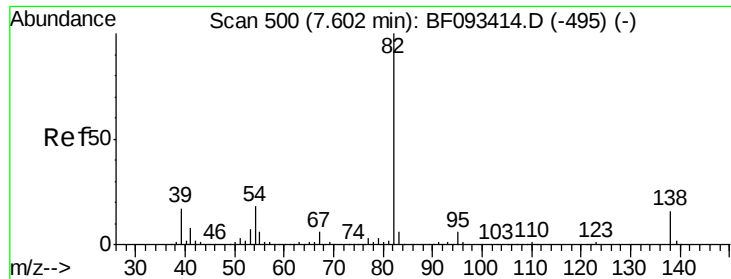


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

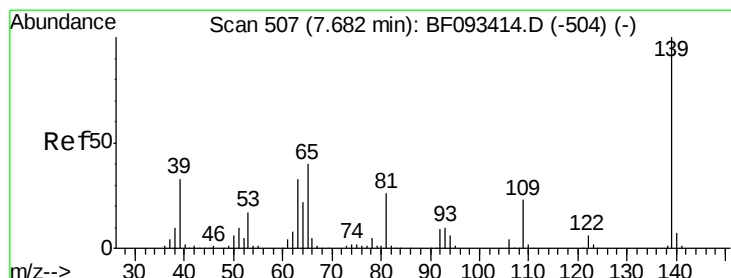
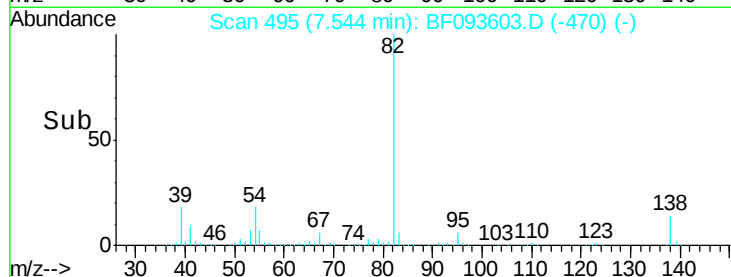
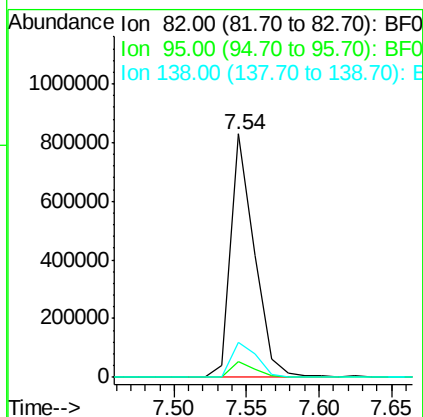
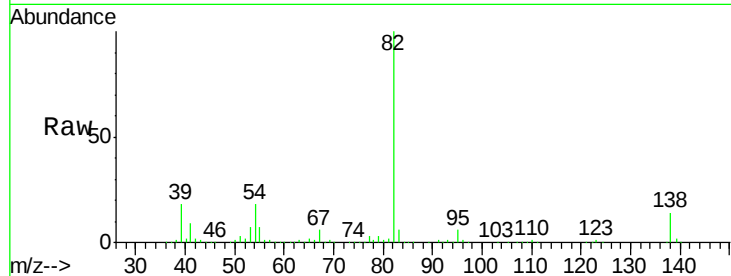




#25
Isophorone
Concen: 38.78 ng
RT: 7.54 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

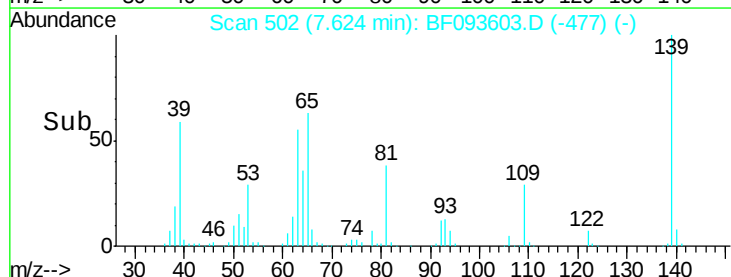
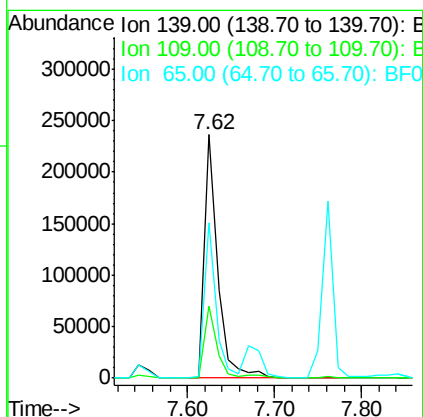
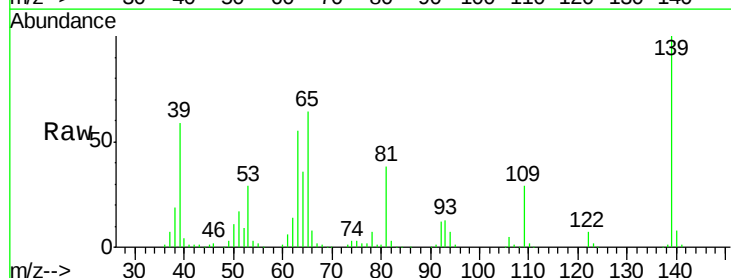
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

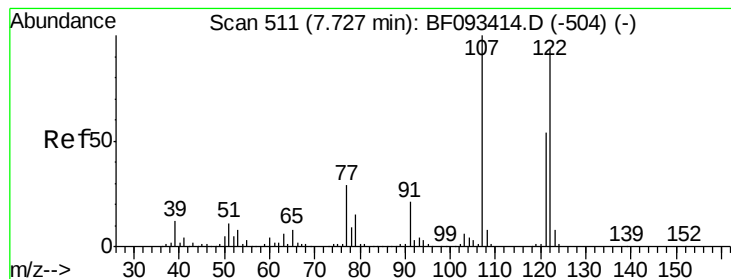
Tgt Ion: 82 Resp: 941505
Ion Ratio Lower Upper
82 100
95 6.3 5.6 8.4
138 14.5 14.6 22.0#



#26
2-Nitrophenol
Concen: 40.33 ng
RT: 7.62 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion: 139 Resp: 248949
Ion Ratio Lower Upper
139 100
109 29.5 23.3 34.9
65 63.8 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 36.01 ng

RT: 7.68 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

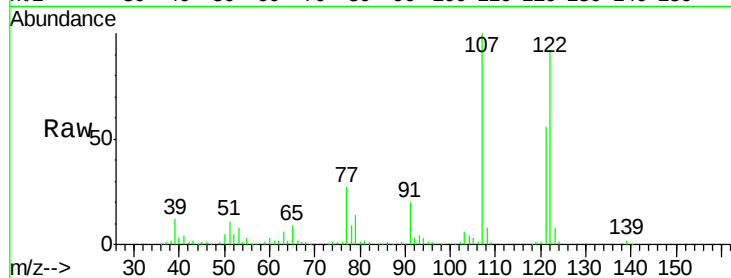
Tgt Ion: 122 Resp: 361590

Ion Ratio Lower Upper

122 100

107 108.5 94.1 141.1

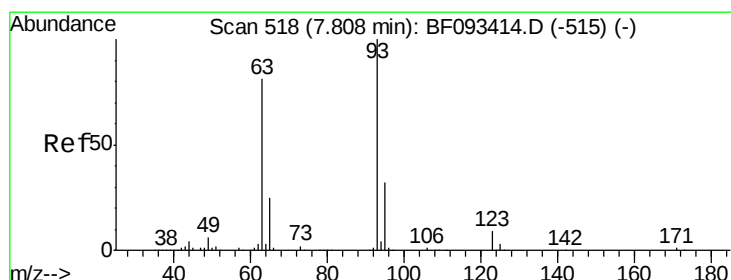
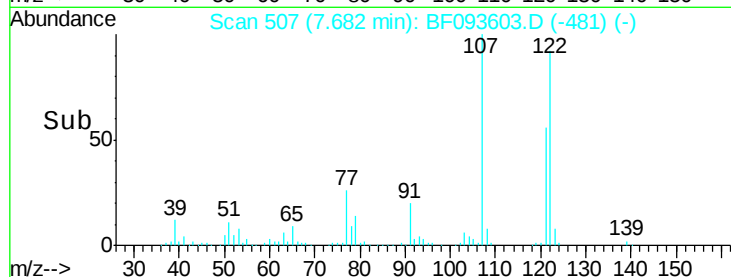
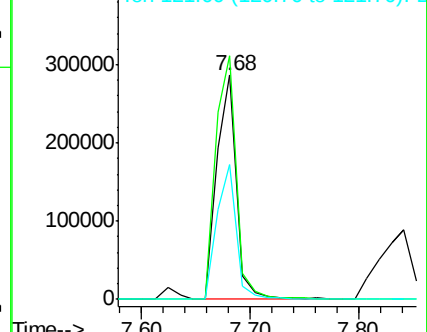
121 60.4 46.0 69.0



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: 41.51 ng

RT: 7.76 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

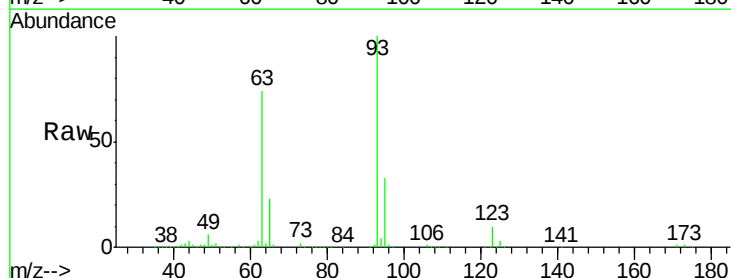
Tgt Ion: 93 Resp: 636203

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

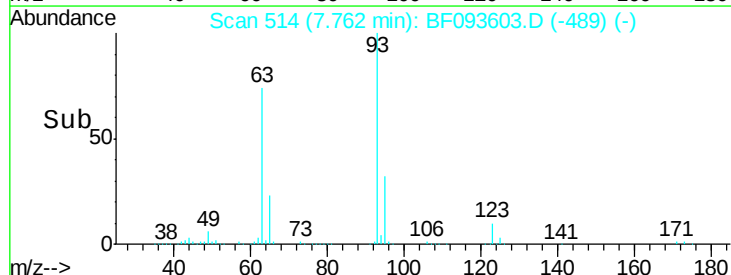
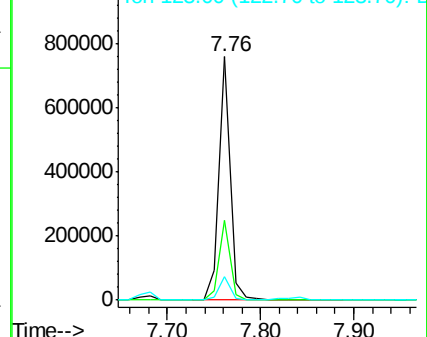
123 9.9 8.6 13.0

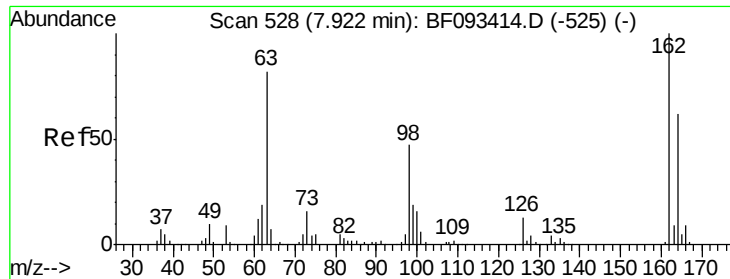


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

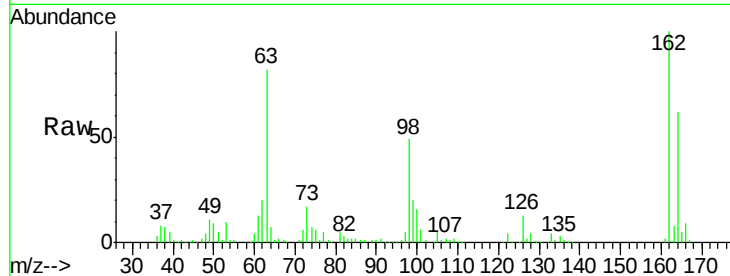




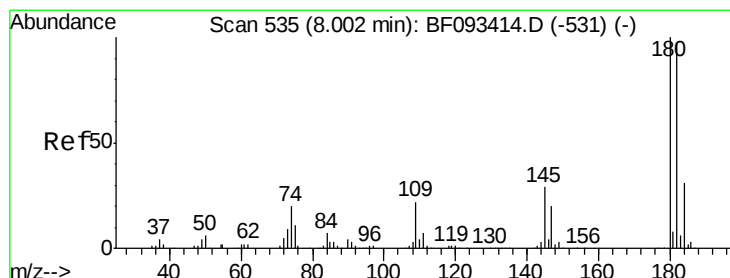
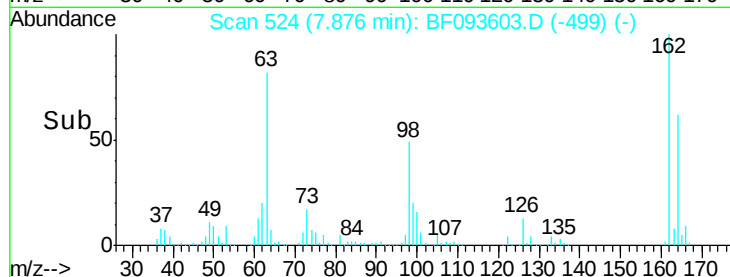
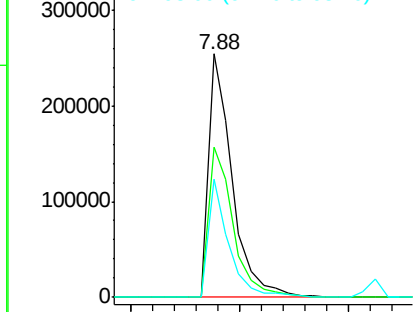
#29
 2,4-Dichlorophenol
 Concen: 40.85 ng
 RT: 7.88 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 385964
 Ion Ratio Lower Upper
 162 100
 164 61.7 46.8 86.8
 98 48.8 9.1 49.1

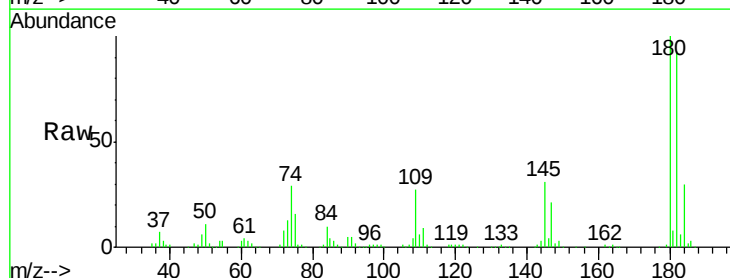


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

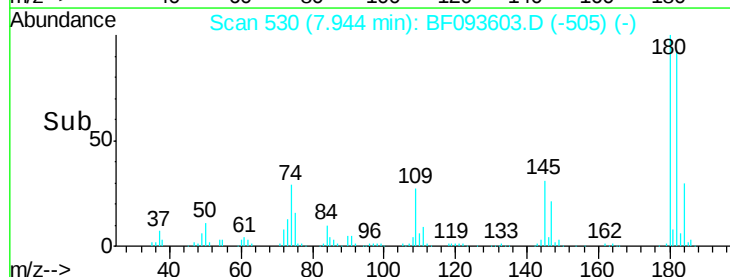
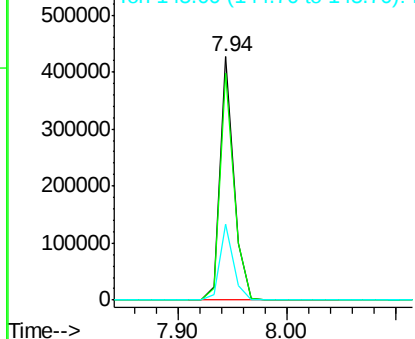


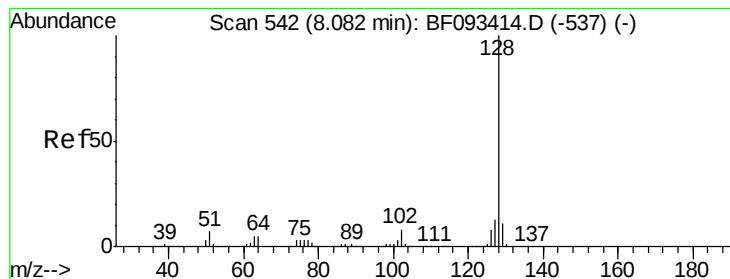
#30
 1,2,4-Trichlorobenzene
 Concen: 37.79 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:180 Resp: 379672
 Ion Ratio Lower Upper
 180 100
 182 93.0 78.2 117.4
 145 31.4 21.6 32.4



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: 38.61 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

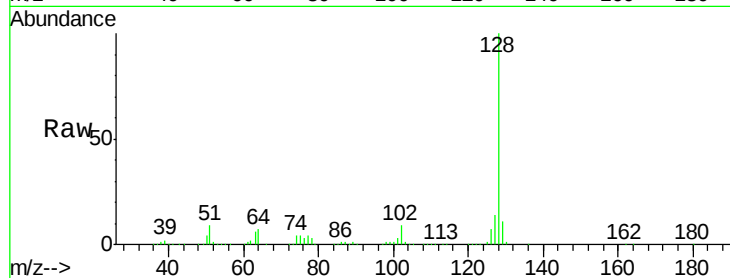
Tgt Ion:128 Resp: 1292323

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

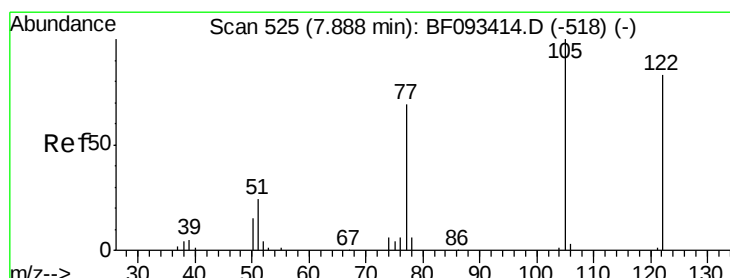
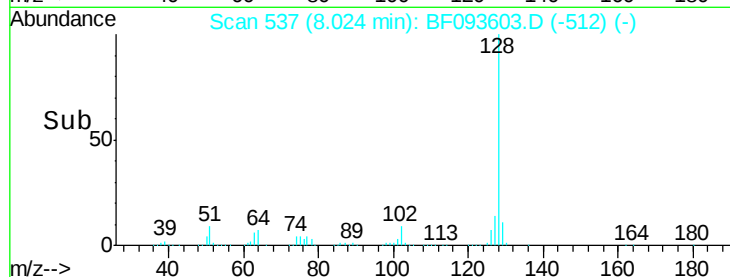
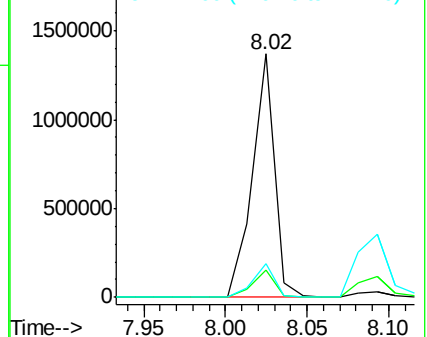
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.07 ng

RT: 7.84 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

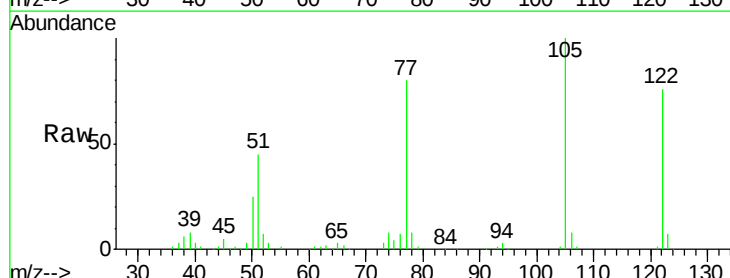
Tgt Ion:122 Resp: 193426

Ion Ratio Lower Upper

122 100

105 131.7 107.2 147.2

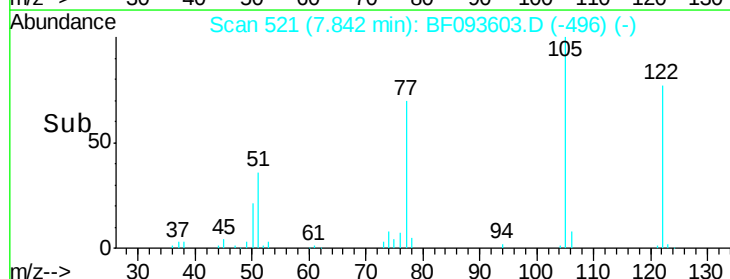
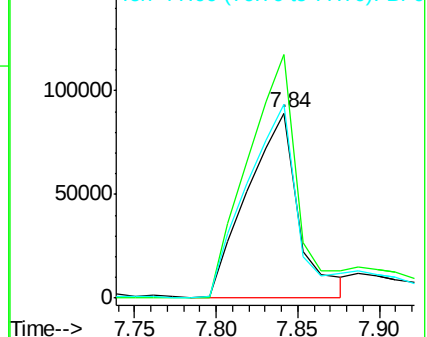
77 104.9 74.5 114.5

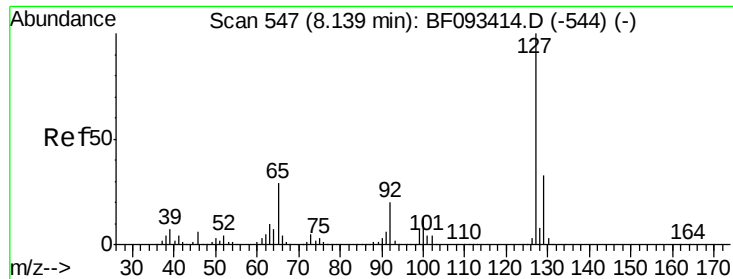


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

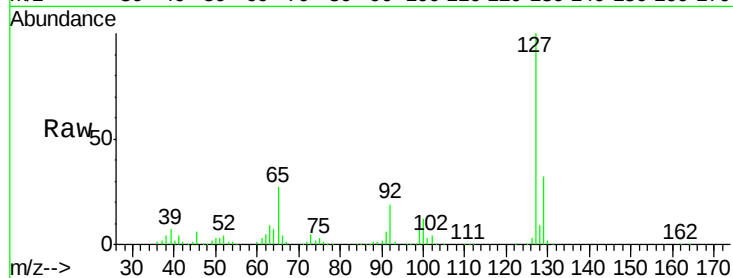




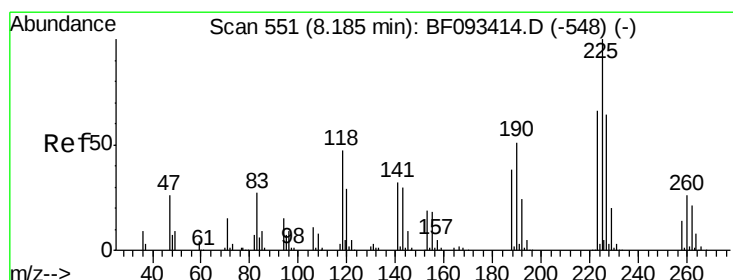
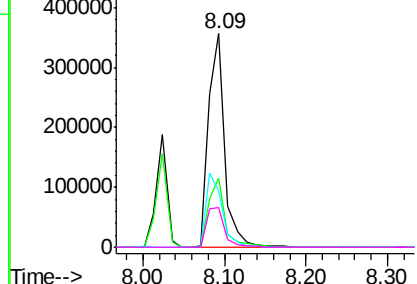
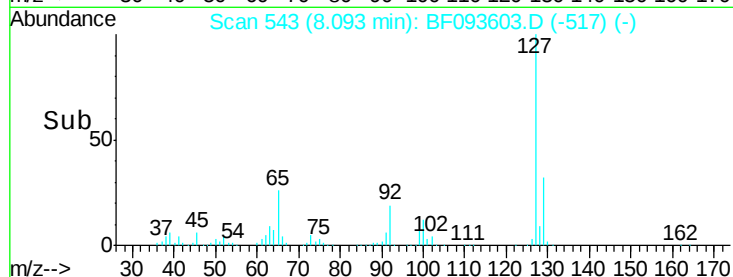
#33
4-Chloroaniline
Concen: 36.77 ng
RT: 8.09 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	499523
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	26.7	25.8	38.8
92	18.7	16.1	24.1

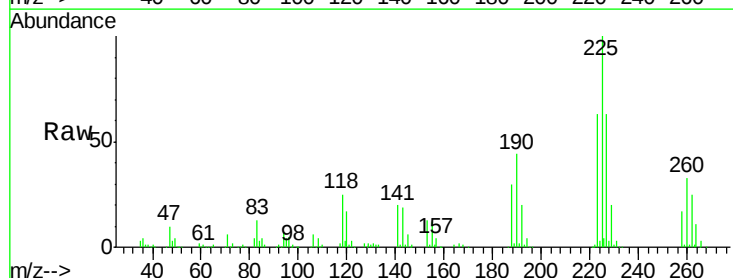


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

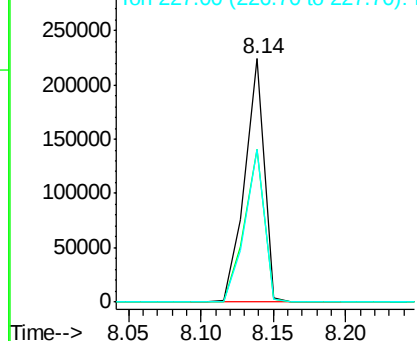
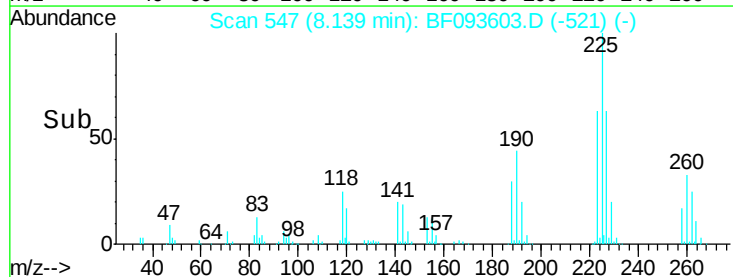


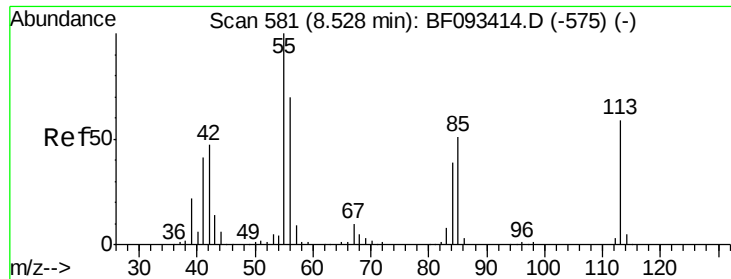
#34
Hexachlorobutadiene
Concen: 40.65 ng
RT: 8.14 min Scan# 547
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:	225	Resp:	210368
Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.6
227	63.0	50.6	76.0



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

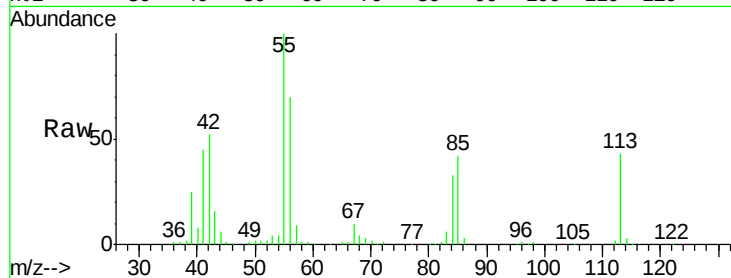




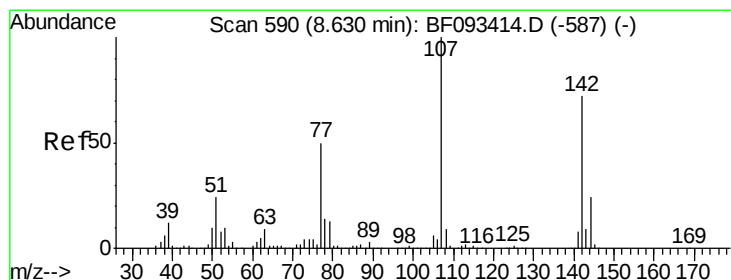
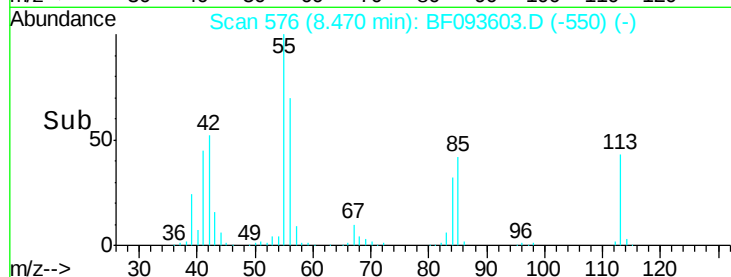
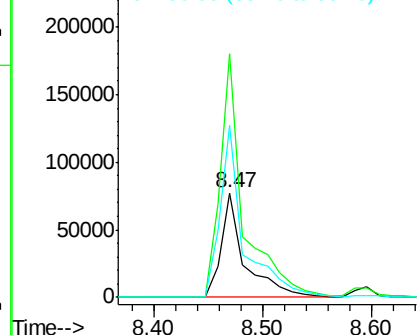
#35
 Caprolactam
 Concen: 36.34 ng
 RT: 8.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 117244
 Ion Ratio Lower Upper
 113 100
 55 233.5 119.2 159.2#
 56 164.6 83.8 123.8#

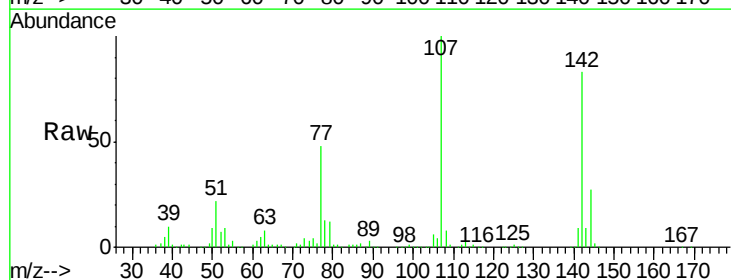


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

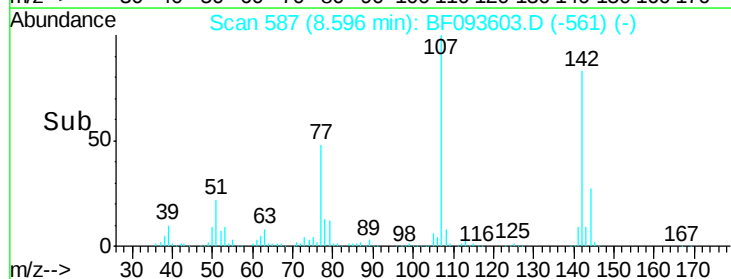
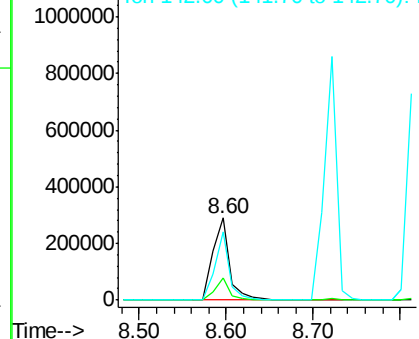


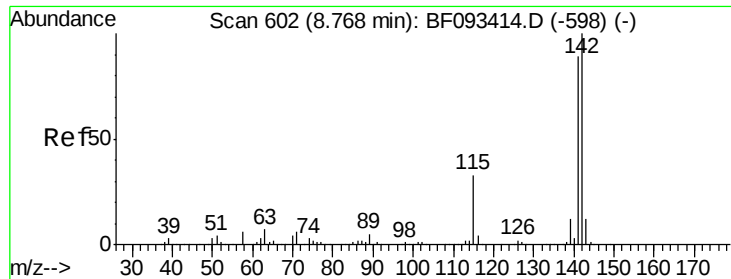
#36
 4-Chloro-3-methylphenol
 Concen: 38.51 ng
 RT: 8.60 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:107 Resp: 388314
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.3 28.9
 142 83.4 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

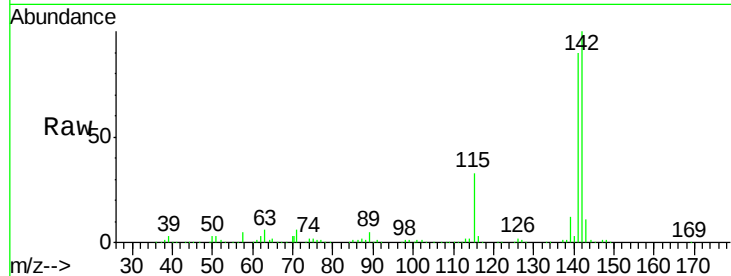




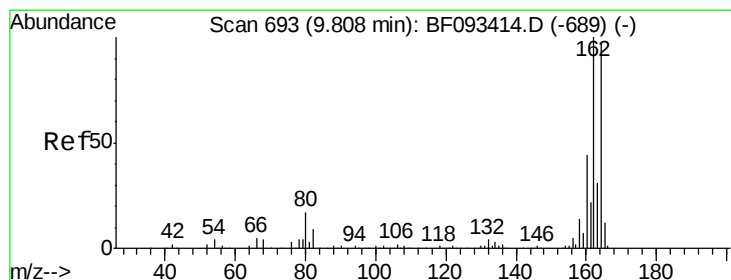
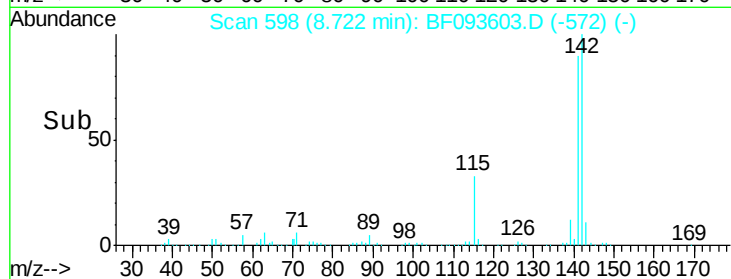
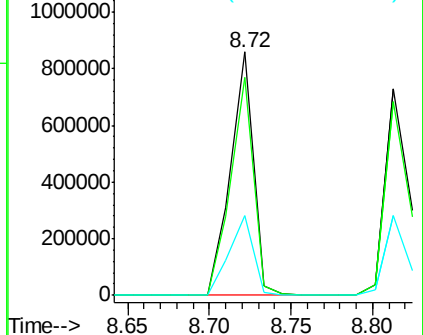
#37
2-Methylnaphthalene
Concen: 39.08 ng
RT: 8.72 min Scan# 598
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 832245
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 32.8 28.3 42.5

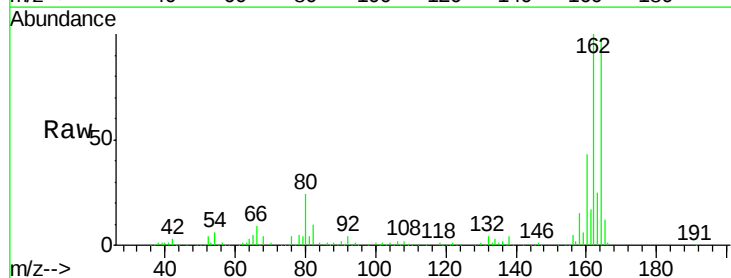


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

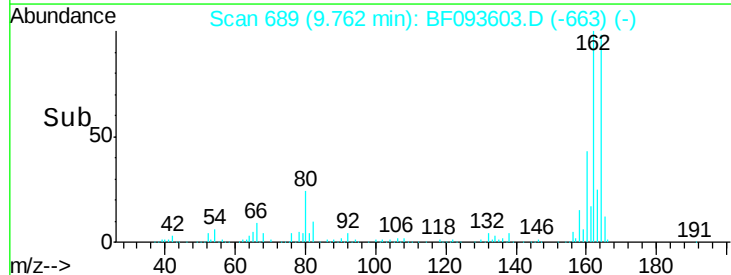
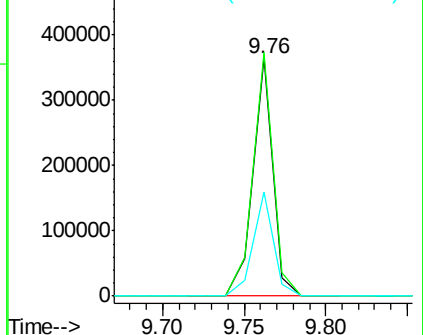


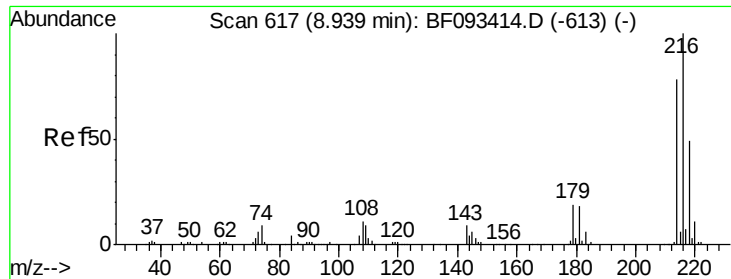
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:164 Resp: 309896
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 43.8 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

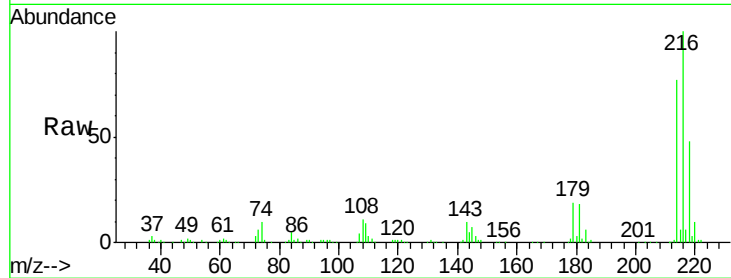




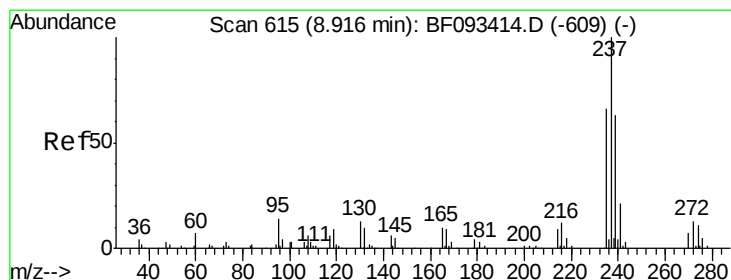
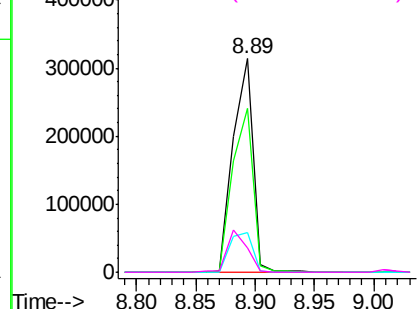
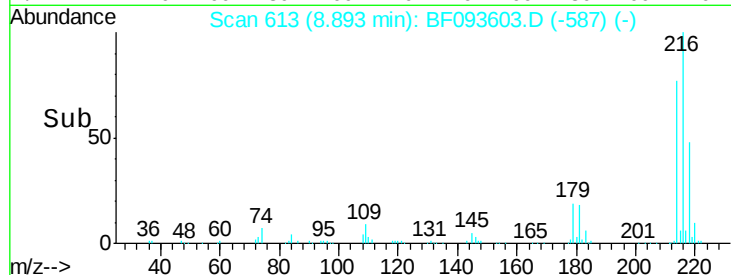
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.11 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	364763
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	21.6	17.4	26.2
108	20.0	15.6	23.4

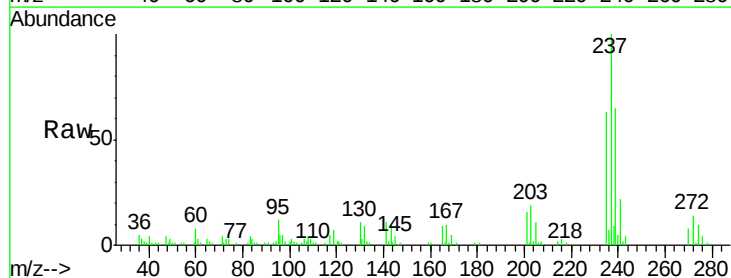


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

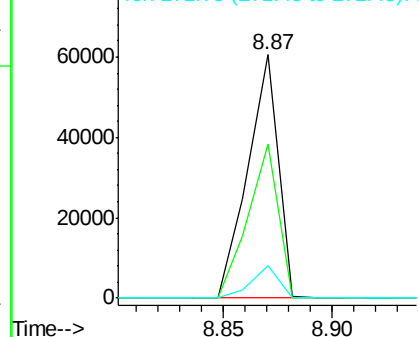
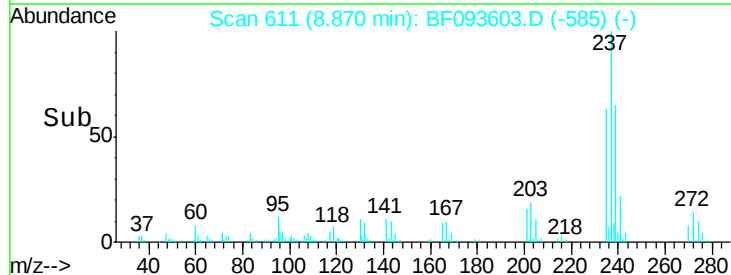


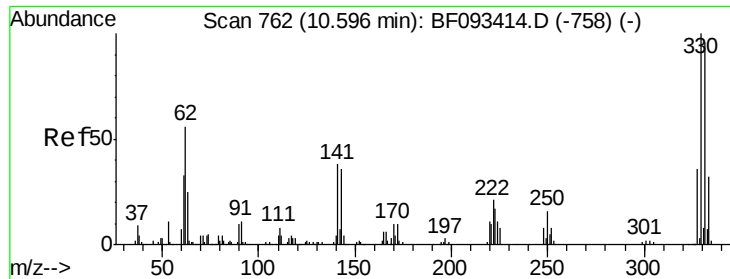
#40
 Hexachlorocyclopentadiene
 Concen: 35.42 ng
 RT: 8.87 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:	237	Resp:	58698
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.2	81.2
272	13.5	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

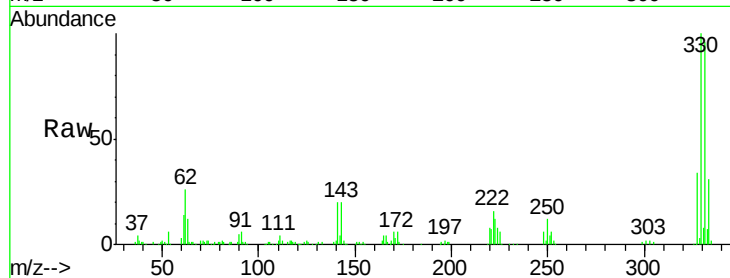




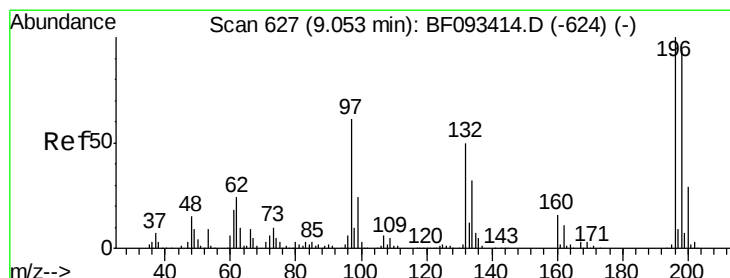
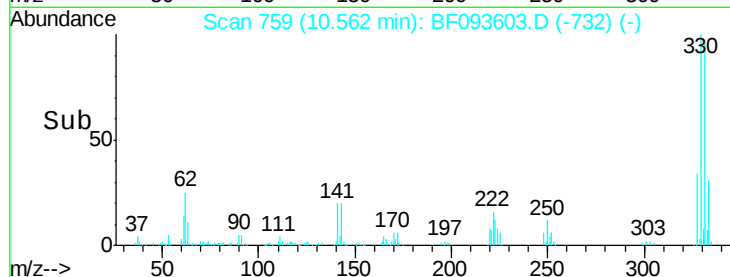
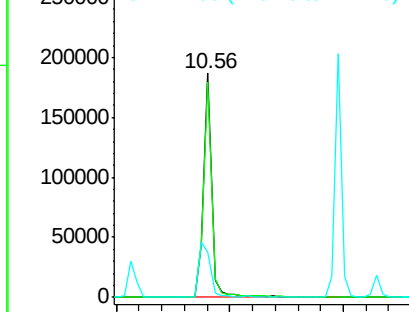
#41
 2,4,6-Tribromophenol
 Concen: 90.13 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 181973
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 35.9 34.1 51.1

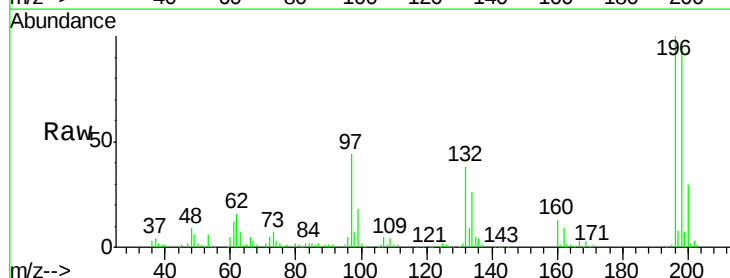


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

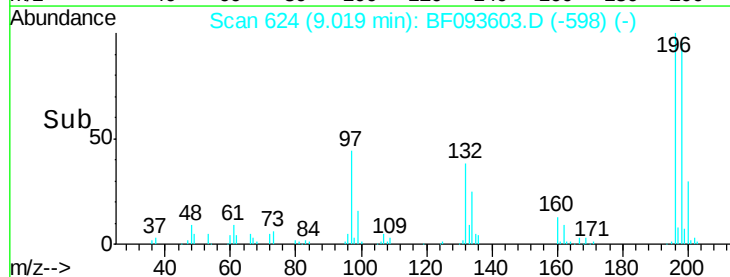
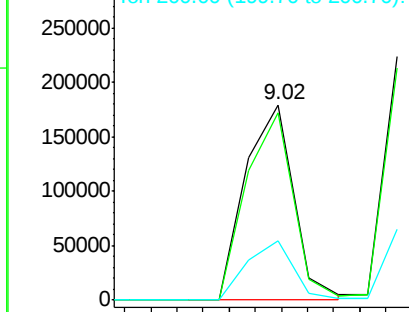


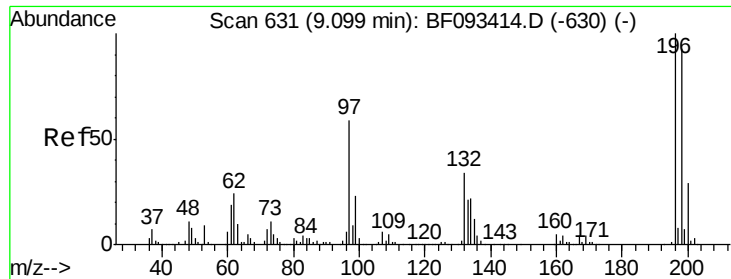
#42
 2,4,6-Trichlorophenol
 Concen: 43.50 ng
 RT: 9.02 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:196 Resp: 229967
 Ion Ratio Lower Upper
 196 100
 198 96.2 82.1 123.1
 200 30.4 27.0 40.4



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

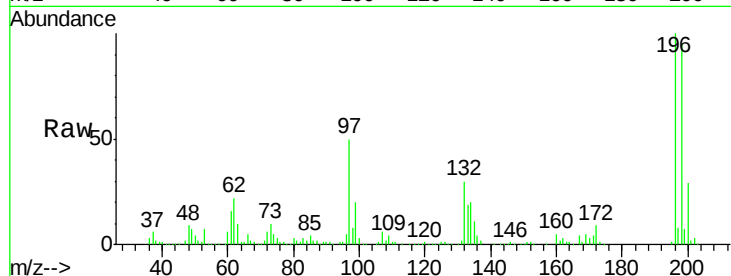




#43
 2,4,5-Trichlorophenol
 Concen: 44.15 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.4	119.2
97	50.0	51.5	77.3
132	29.8	27.4	41.2



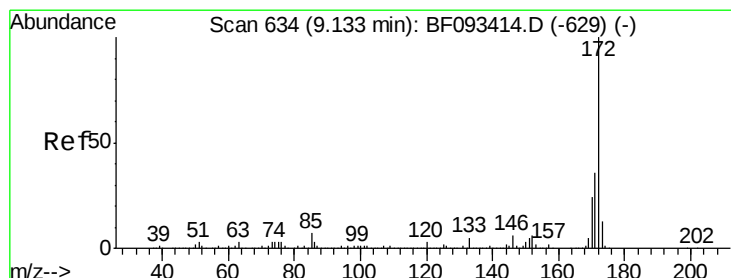
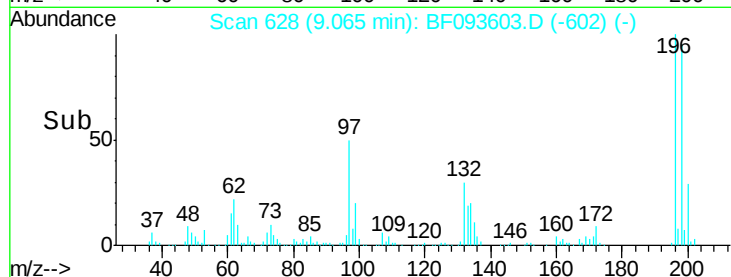
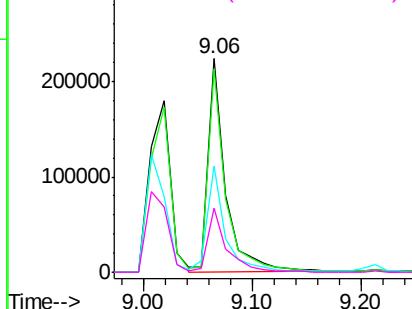
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

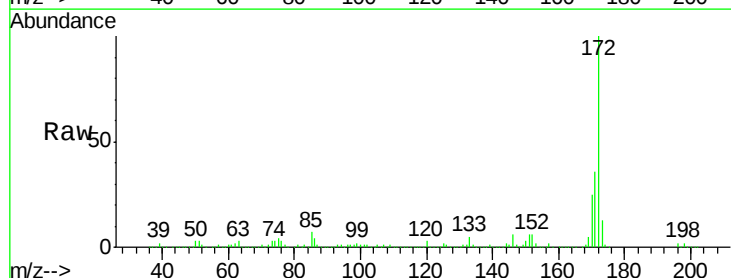
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.91 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.7	20.2	30.4

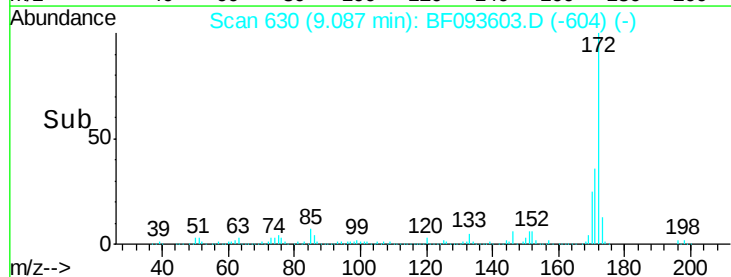
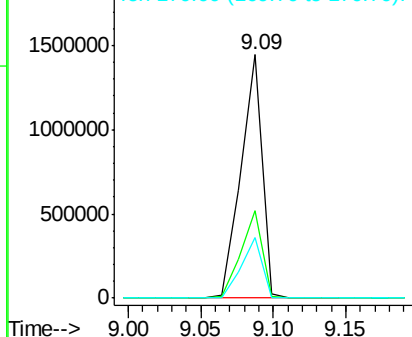


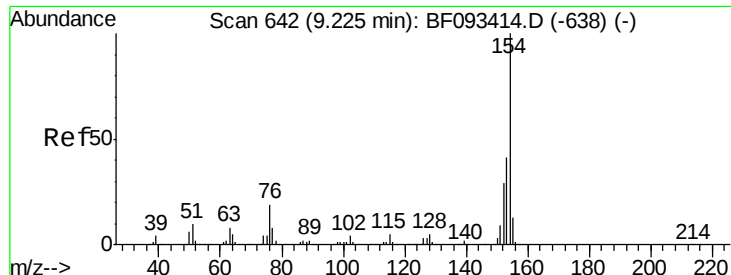
Abundance

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

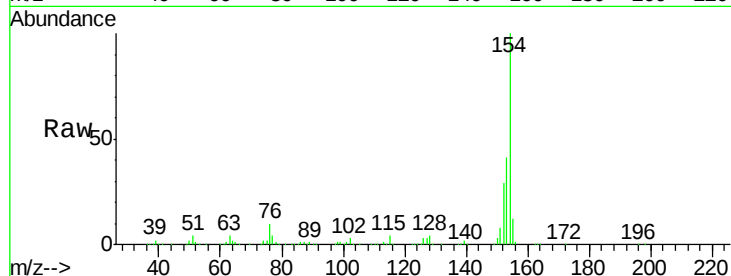




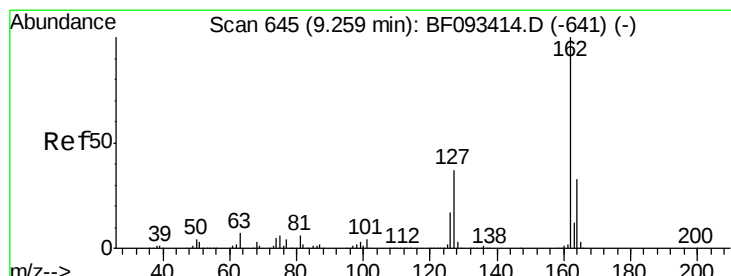
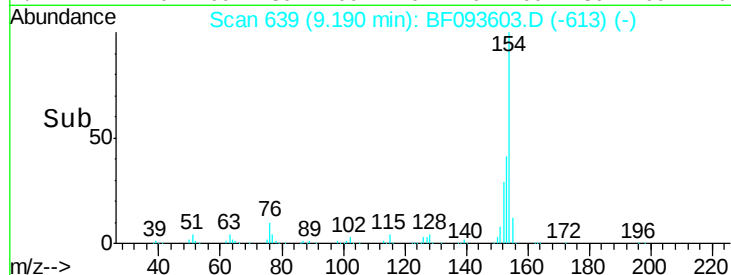
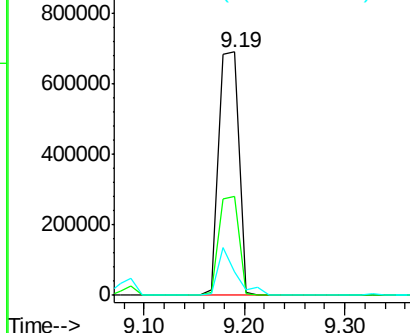
#45
 1,1'-Biphenyl
 Concen: 42.71 ng
 RT: 9.19 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 964192
 Ion Ratio Lower Upper
 154 100
 153 40.8 20.9 60.9
 76 9.9 0.0 30.5

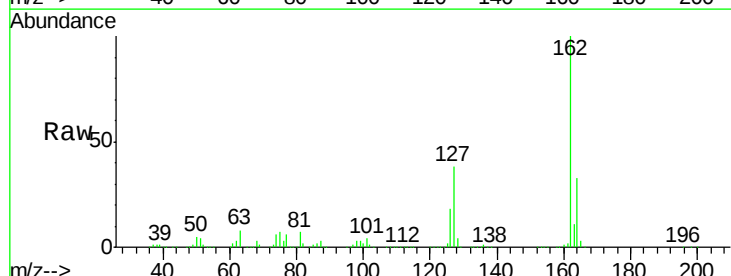


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

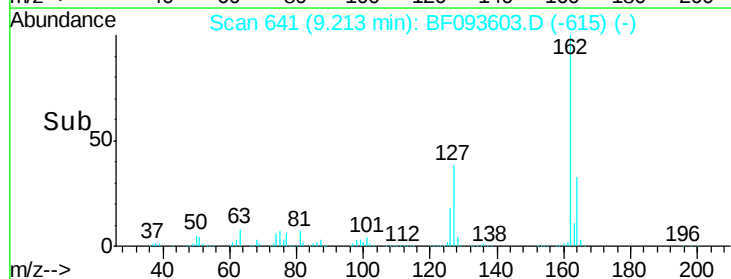
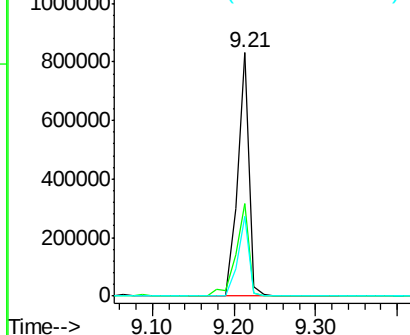


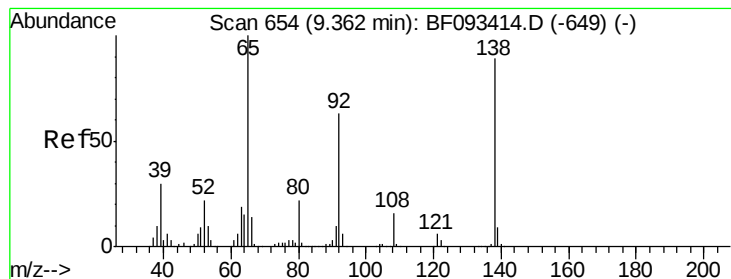
#46
 2-Chloronaphthalene
 Concen: 46.54 ng
 RT: 9.21 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:162 Resp: 804150
 Ion Ratio Lower Upper
 162 100
 127 37.9 30.7 46.1
 164 33.0 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.25 ng

RT: 9.33 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

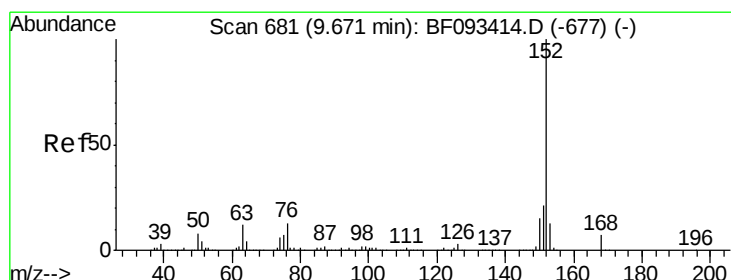
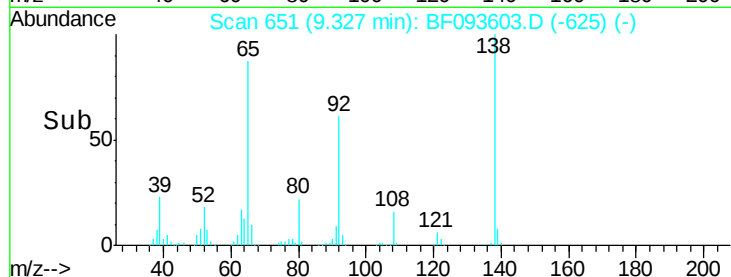
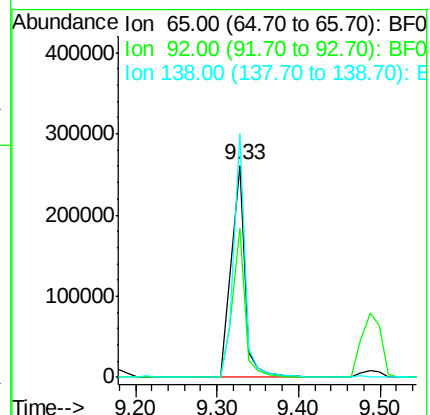
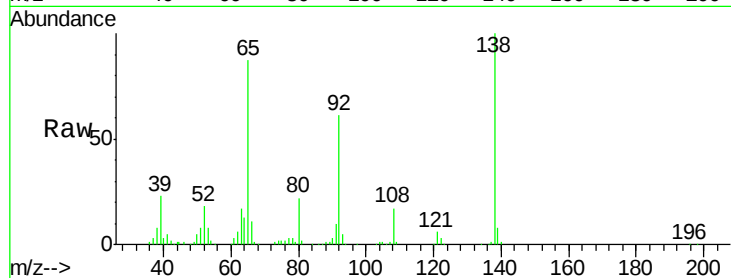
Tgt Ion: 65 Resp: 300824

Ion Ratio Lower Upper

65 100

92 70.3 53.9 80.9

138 115.0 76.8 115.2



#48

Acenaphthylene

Concen: 44.58 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

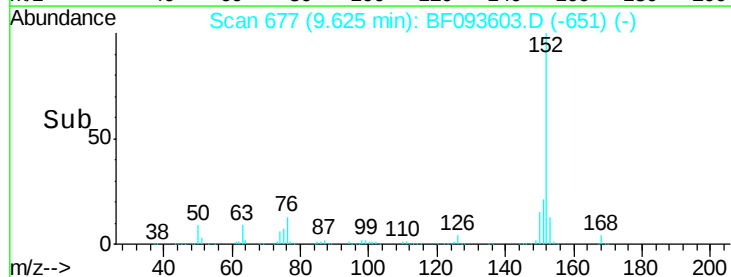
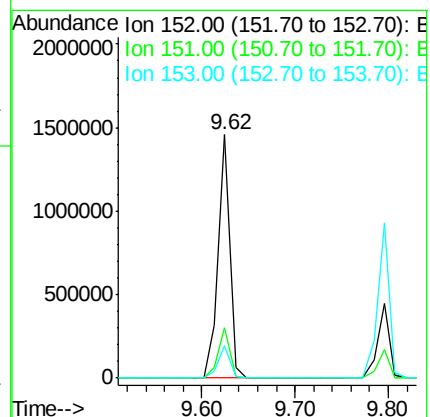
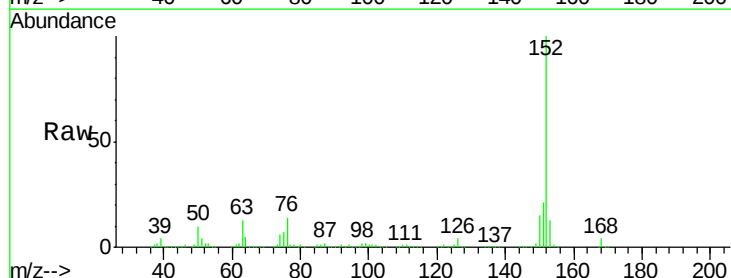
Tgt Ion: 152 Resp: 1270638

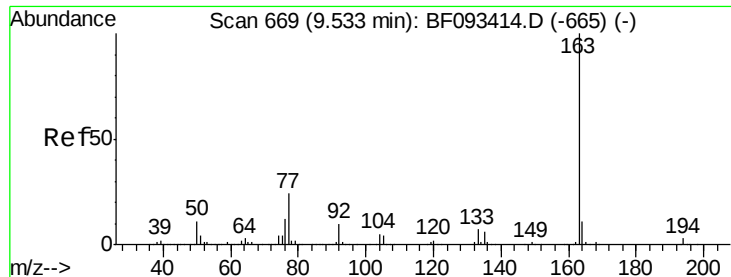
Ion Ratio Lower Upper

152 100

151 20.8 16.9 25.3

153 13.4 11.4 17.2

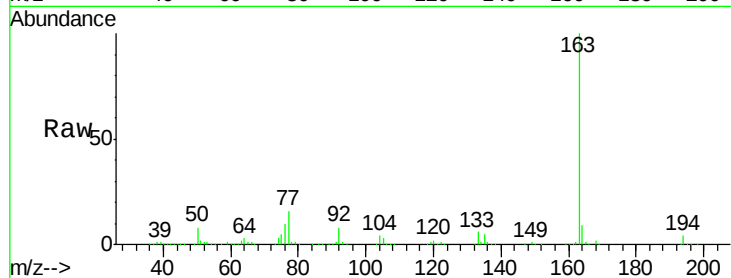




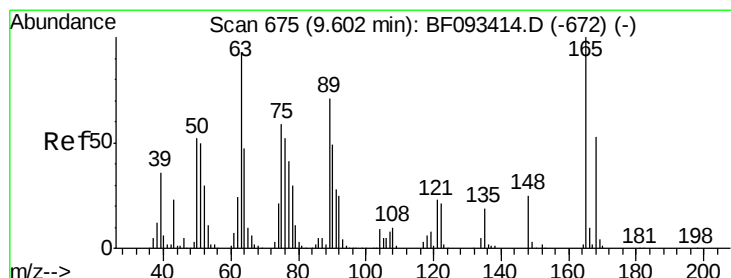
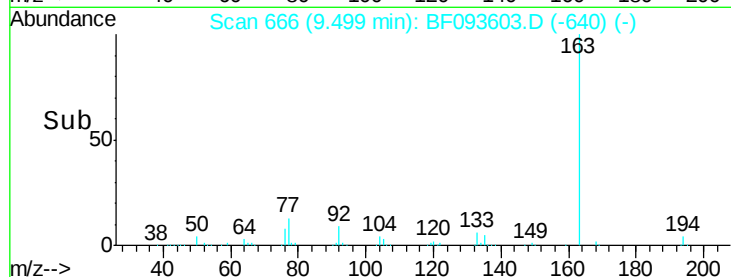
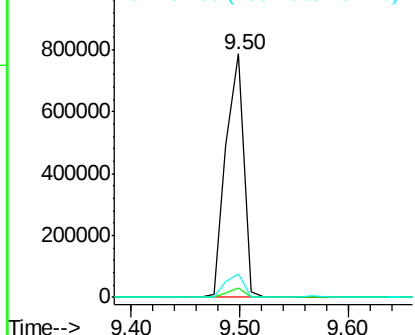
#49
Dimethylphthalate
Concen: 43.77 ng
RT: 9.50 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 899173
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 9.5 8.0 12.0

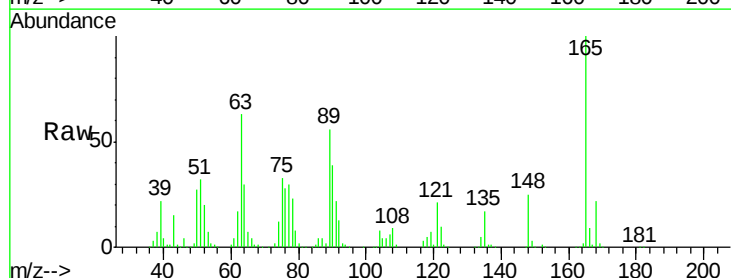


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

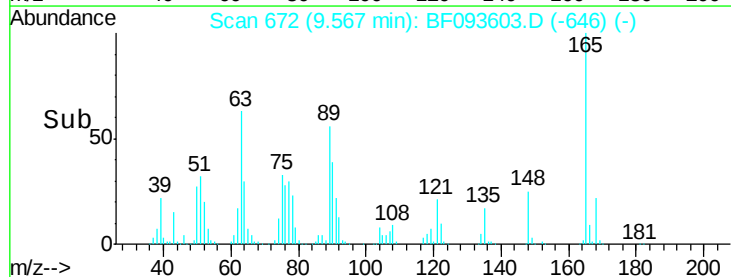
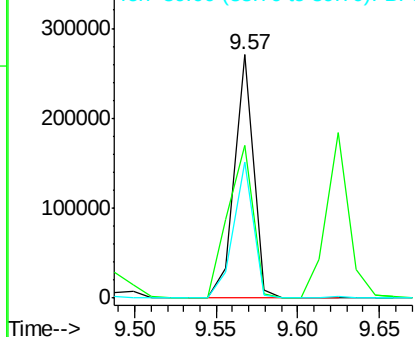


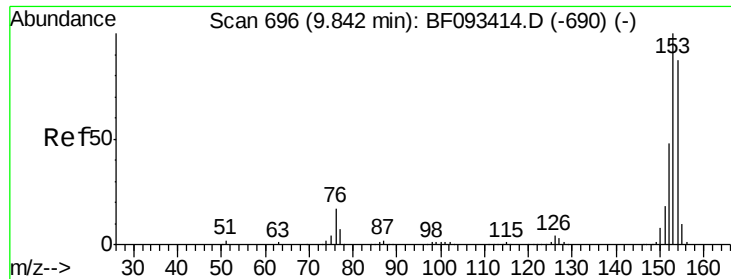
#50
2,6-Dinitrotoluene
Concen: 47.86 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:165 Resp: 215779
Ion Ratio Lower Upper
165 100
63 62.6 36.2 54.4#
89 56.0 40.2 60.4



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

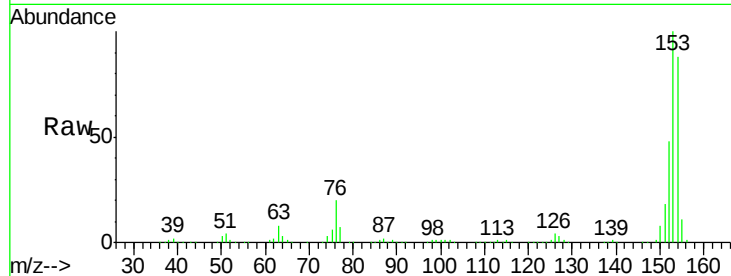




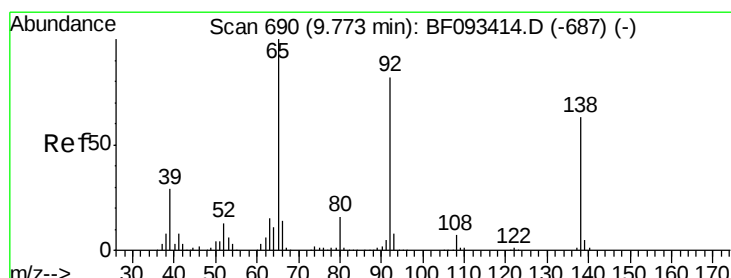
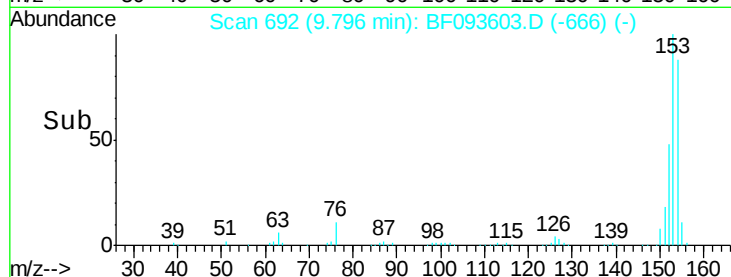
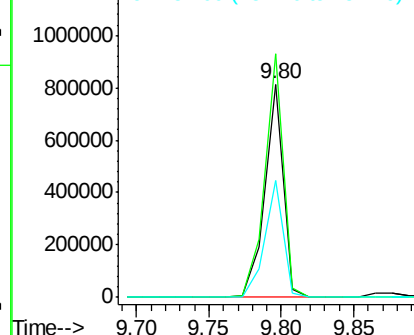
#51
Acenaphthene
Concen: 42.60 ng
RT: 9.80 min Scan# 692
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 718000
Ion Ratio Lower Upper
154 100
153 114.0 88.6 133.0
152 54.5 41.6 62.4

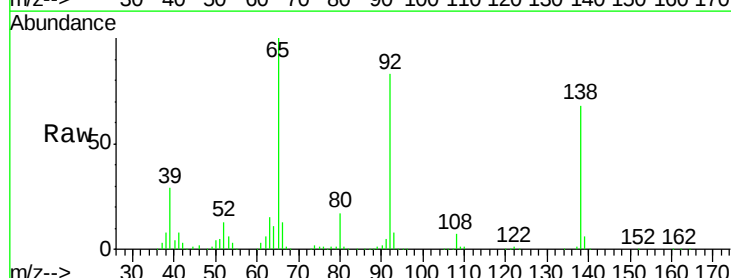


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

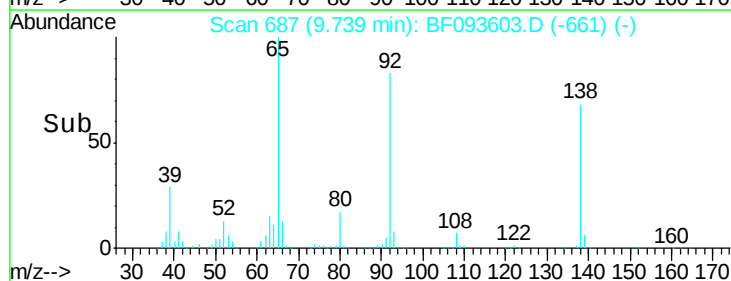
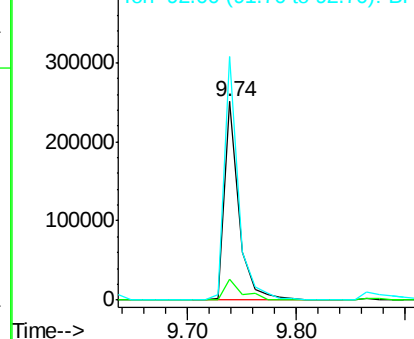


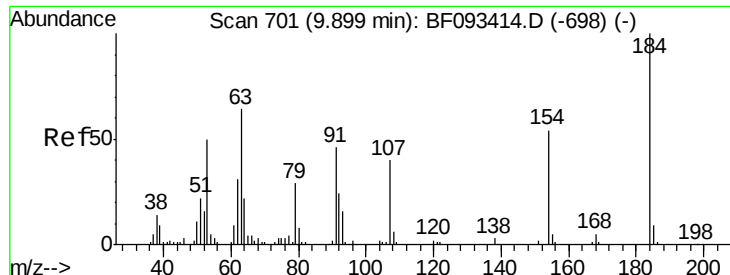
#52
3-Nitroaniline
Concen: 43.44 ng
RT: 9.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:138 Resp: 235249
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 122.6 97.8 146.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

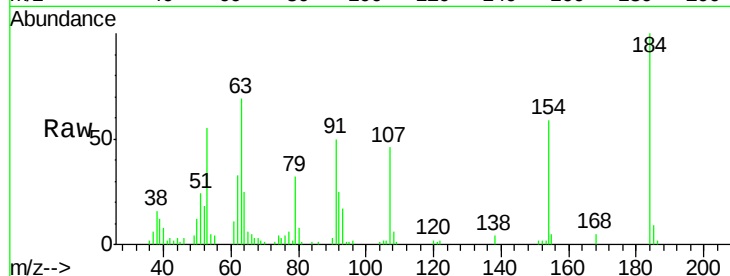




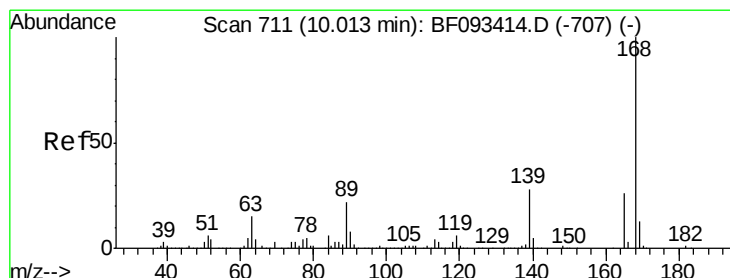
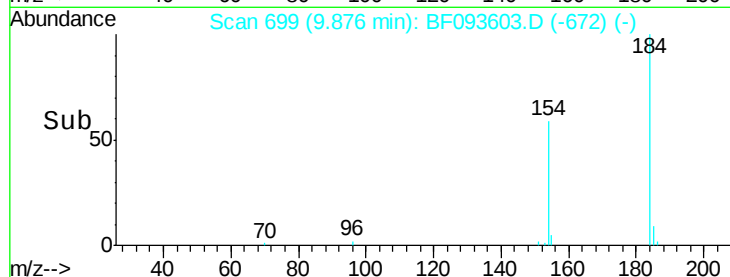
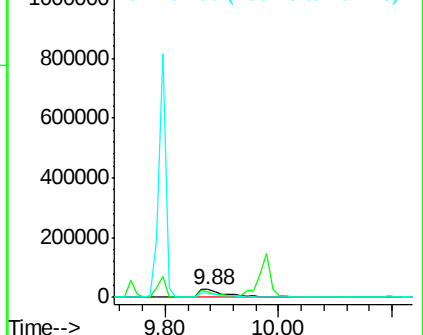
#53
2,4-Dinitrophenol
Concen: 47.77 ng
RT: 9.88 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 98074
Ion Ratio Lower Upper
184 100
63 69.0 28.4 42.6#
154 58.6 44.3 66.5

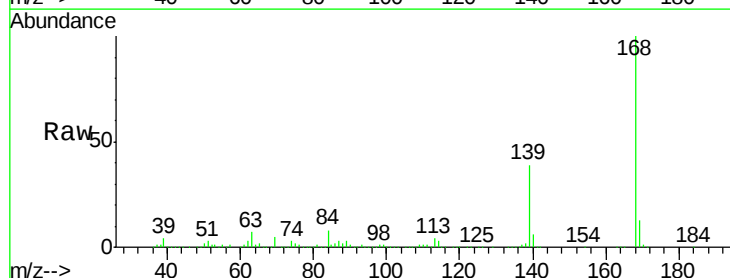


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

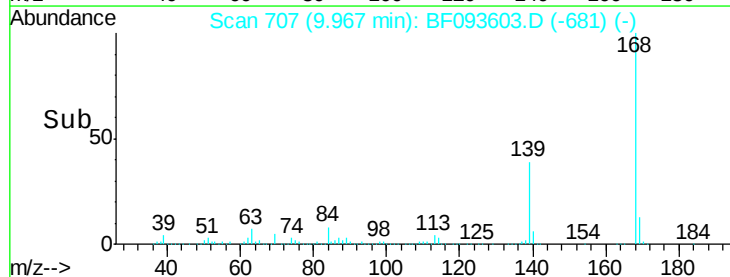
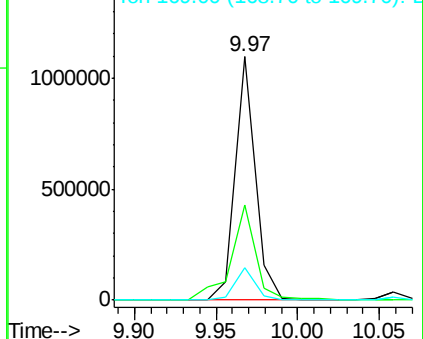


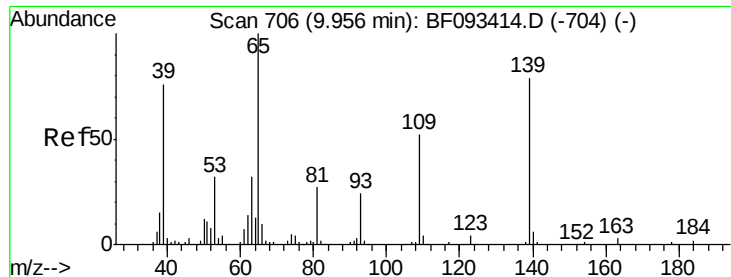
#54
Dibenzofuran
Concen: 43.73 ng
RT: 9.97 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:168 Resp: 922418
Ion Ratio Lower Upper
168 100
139 38.8 32.6 49.0
169 13.4 11.3 16.9



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

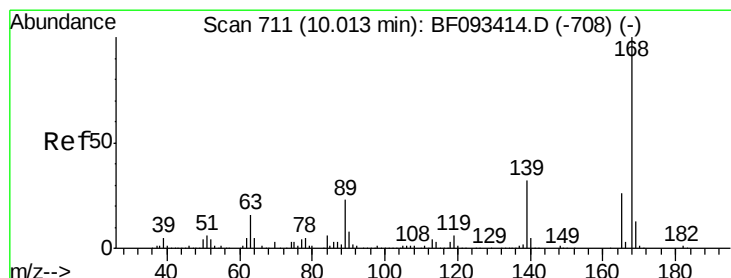
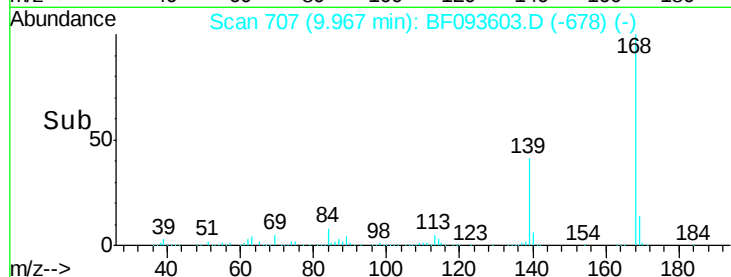
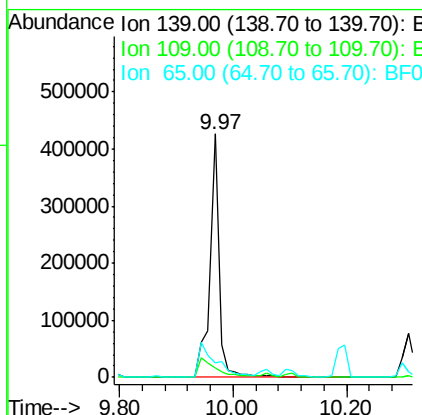
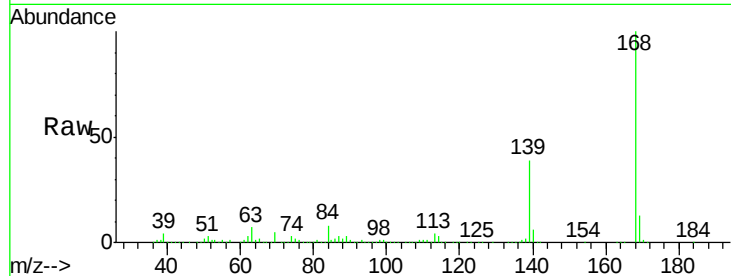




#55
4-Nitrophenol
Concen: 177.12 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.03 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

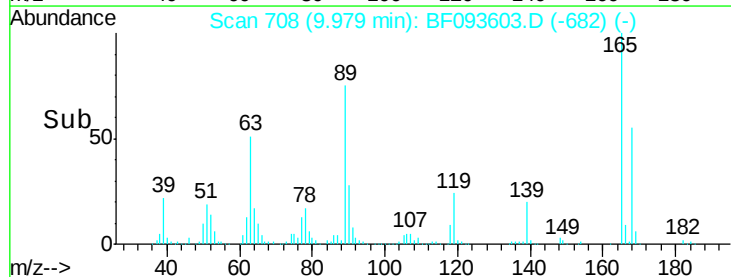
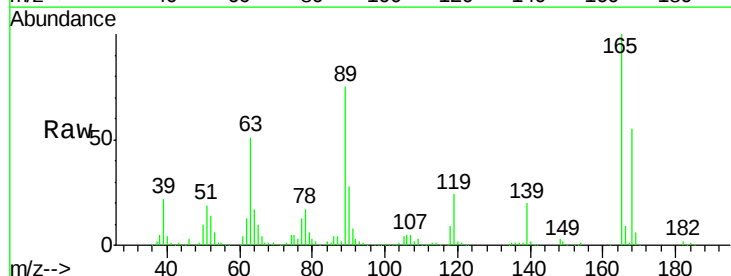
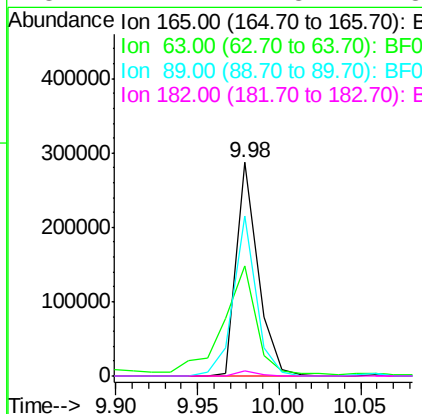
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

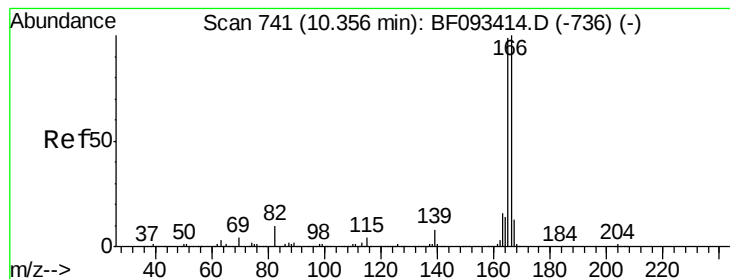
Tgt Ion:139 Resp: 465932
Ion Ratio Lower Upper
139 100
109 3.7 52.2 92.2#
65 6.0 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 47.24 ng
RT: 9.98 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:165 Resp: 261620
Ion Ratio Lower Upper
165 100
63 51.3 40.2 60.4
89 74.7 62.5 93.7
182 2.2 1.8 2.8





#57

Fluorene

Concen: 41.03 ng

RT: 10.31 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

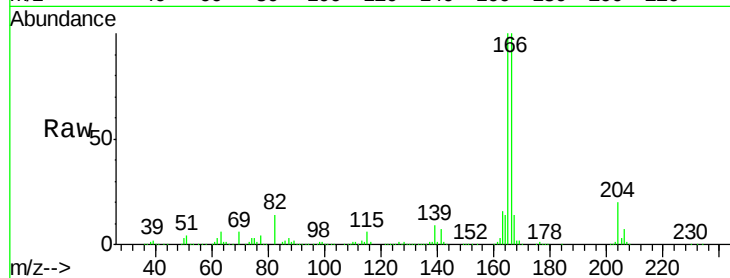
Tgt Ion:166 Resp: 733395

Ion Ratio Lower Upper

166 100

165 100.1 77.8 116.8

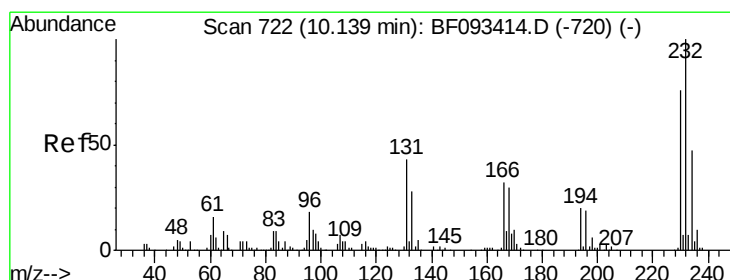
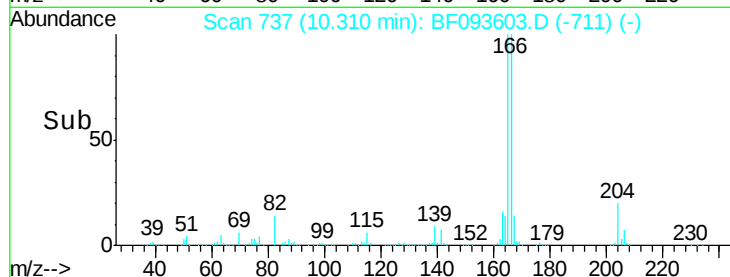
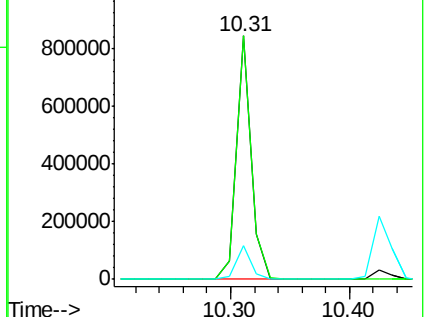
167 13.6 10.8 16.2



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: 40.68 ng

RT: 10.10 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Tgt Ion:232 Resp: 162872

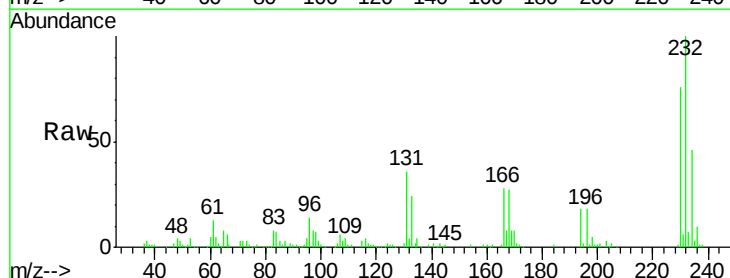
Ion Ratio Lower Upper

232 100

131 45.8 40.1 60.1

130 2.2 1.8 2.8

166 30.7 26.6 39.8

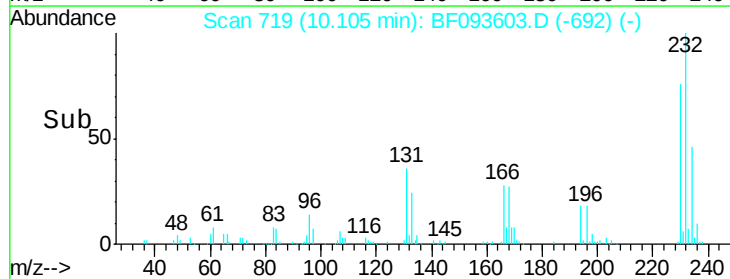
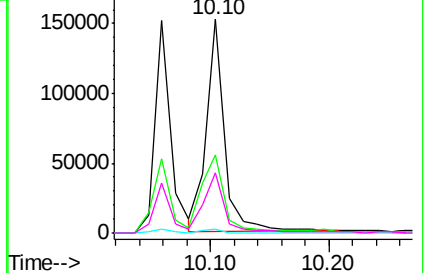


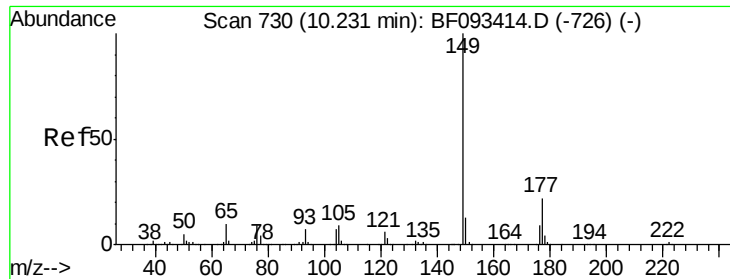
Abundance Ion 232.00 (231.70 to 232.70): E

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

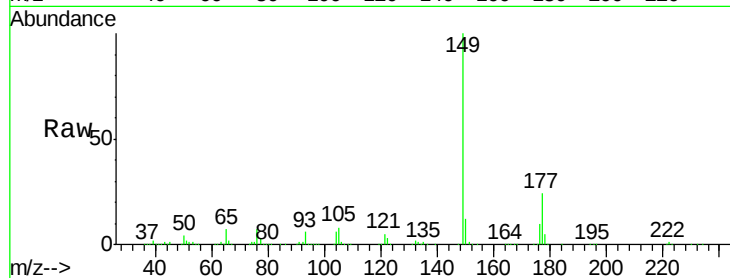




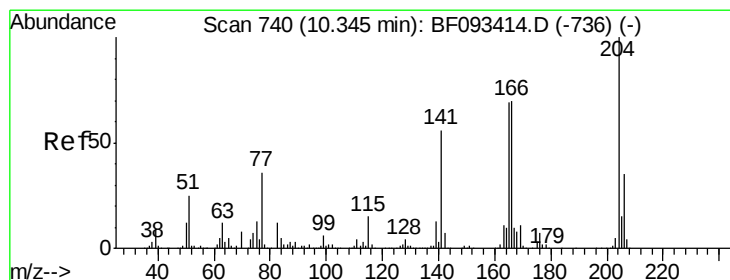
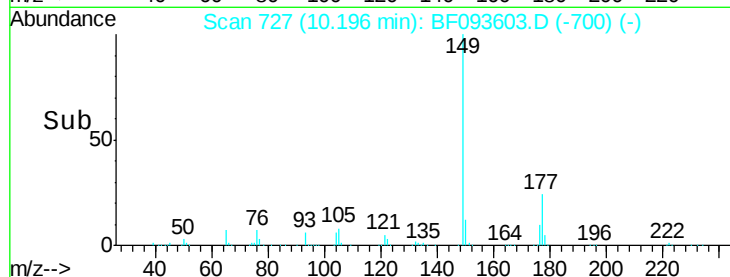
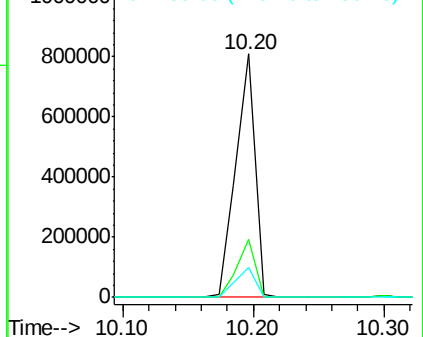
#59
Diethylphthalate
Concen: 42.09 ng
RT: 10.20 min Scan# 727
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 826419
Ion Ratio Lower Upper
149 100
177 23.9 16.6 25.0
150 12.2 10.4 15.6

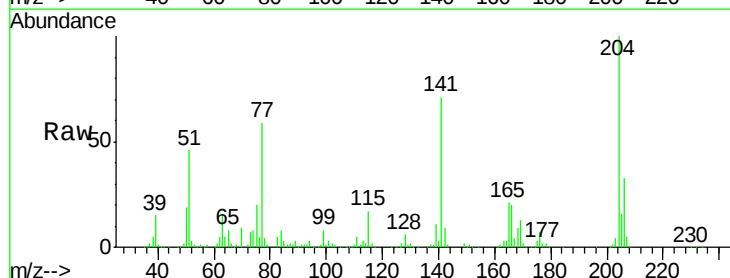


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

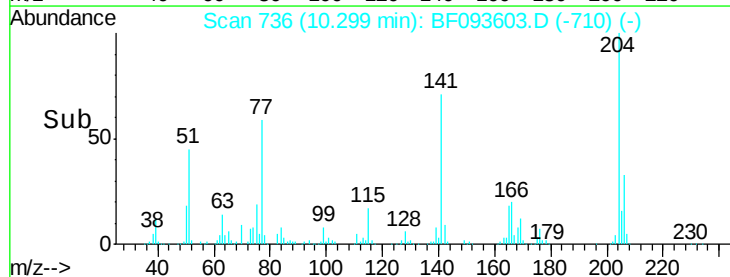
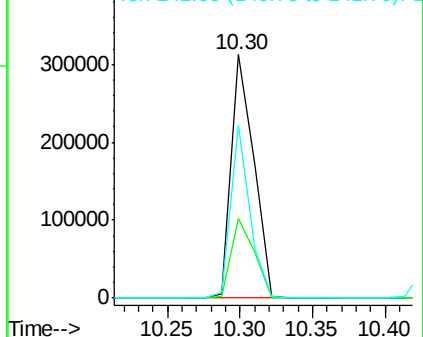


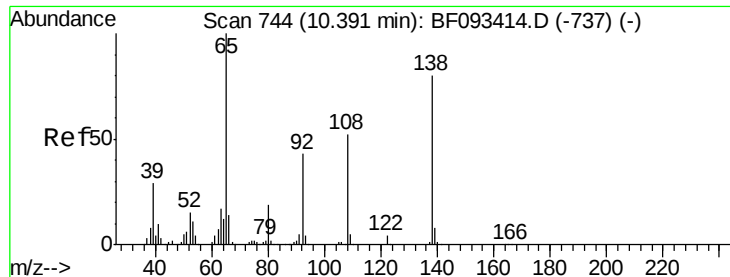
#60
4-Chlorophenyl-phenylether
Concen: 42.18 ng
RT: 10.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:204 Resp: 337960
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 70.9 59.4 89.0



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

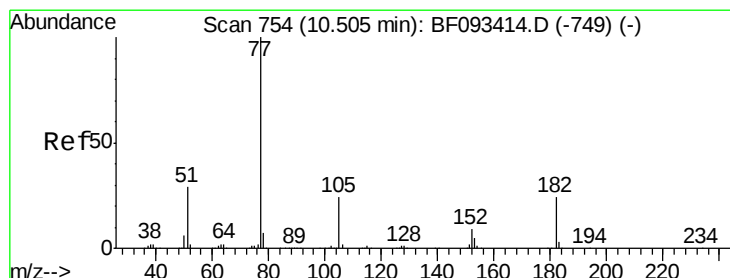
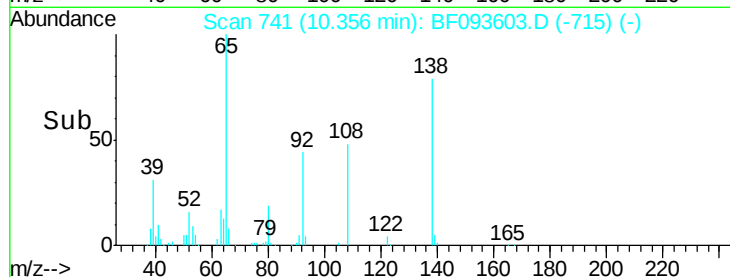
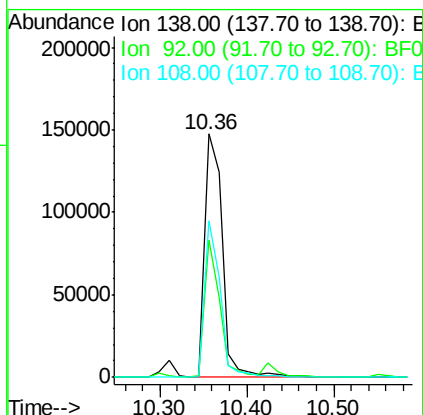
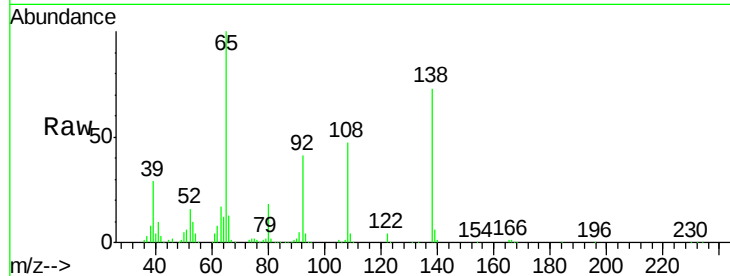




#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.36 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

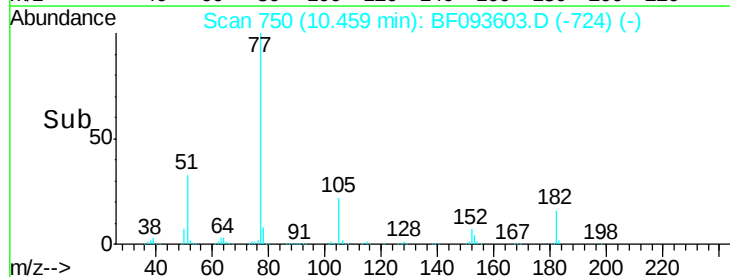
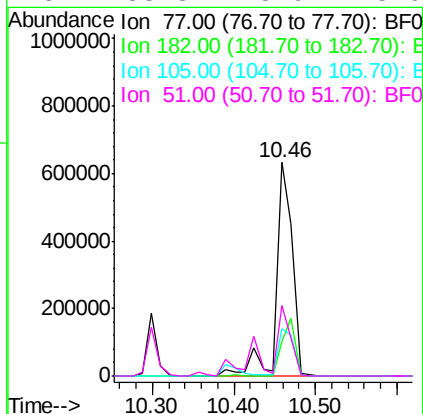
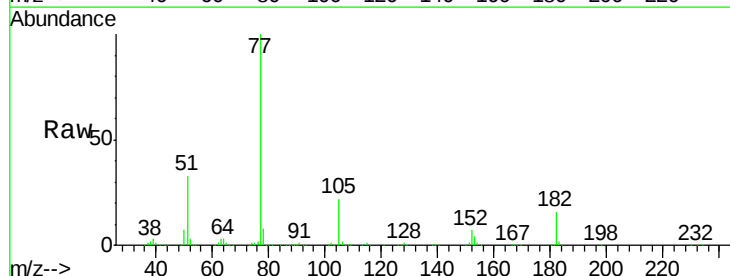
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

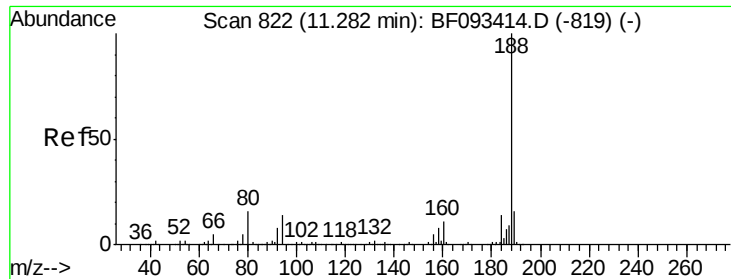
Tgt Ion:138 Resp: 209345
Ion Ratio Lower Upper
138 100
92 56.3 31.7 71.7
108 64.3 52.6 92.6



#62
Azobenzene
Concen: 38.39 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion: 77 Resp: 856489
Ion Ratio Lower Upper
77 100
182 15.9 0.0 39.3
105 22.2 2.3 42.3
51 33.3 8.9 48.9

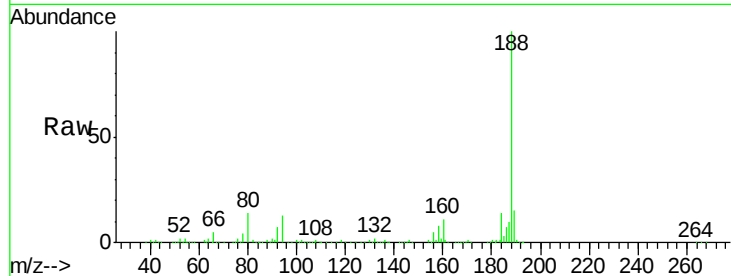




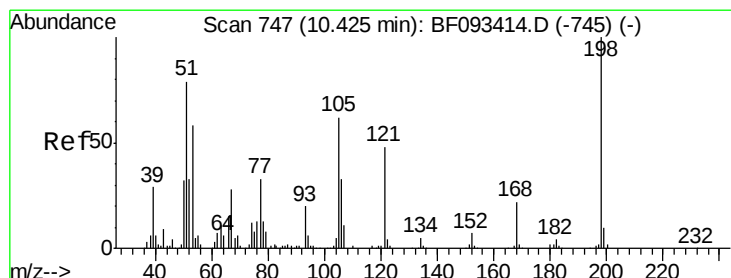
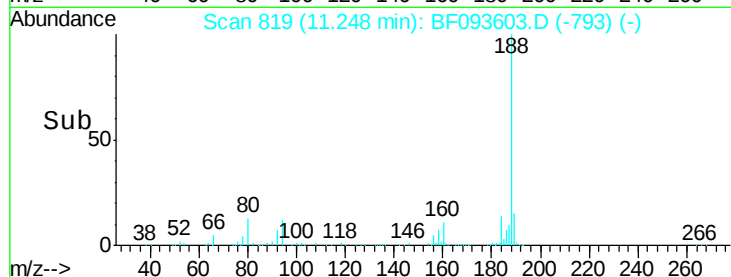
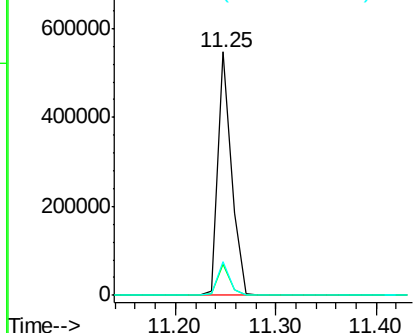
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 514654
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 13.7 11.2 16.8

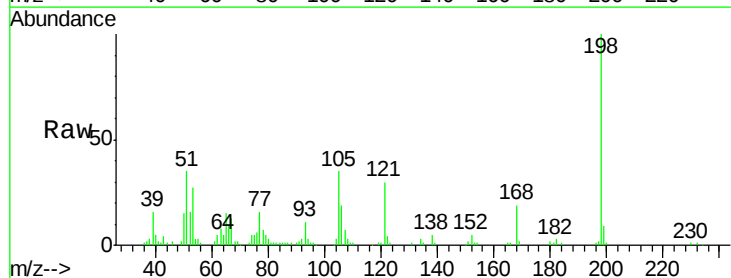


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

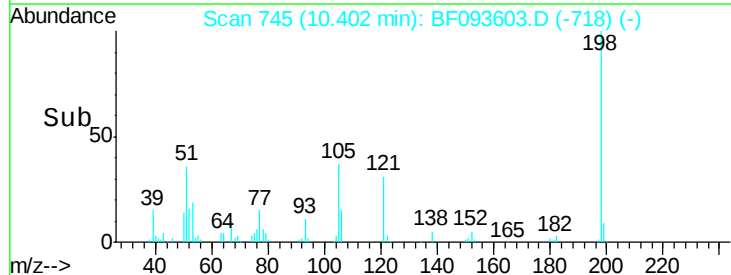
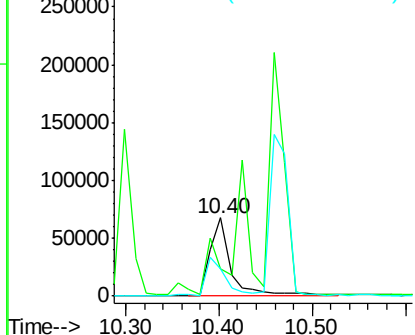


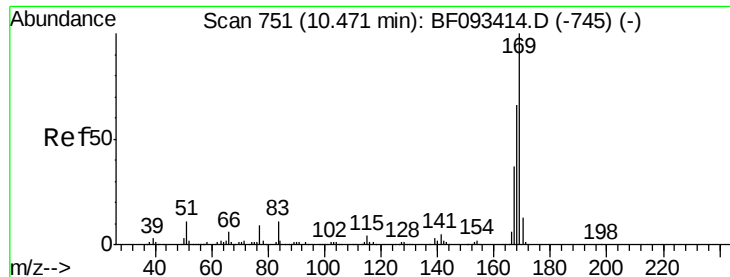
#64
4,6-Dinitro-2-methylphenol
Concen: 32.12 ng
RT: 10.40 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:198 Resp: 107096
Ion Ratio Lower Upper
198 100
51 35.5 6.7 46.7
105 34.8 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

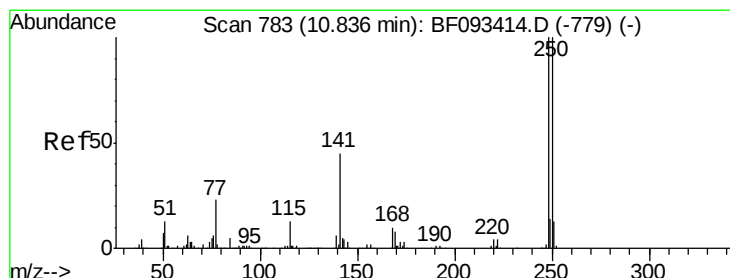
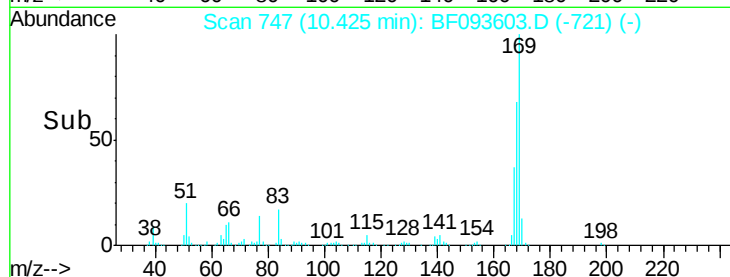
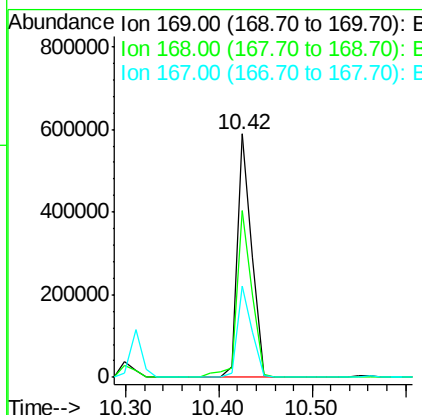
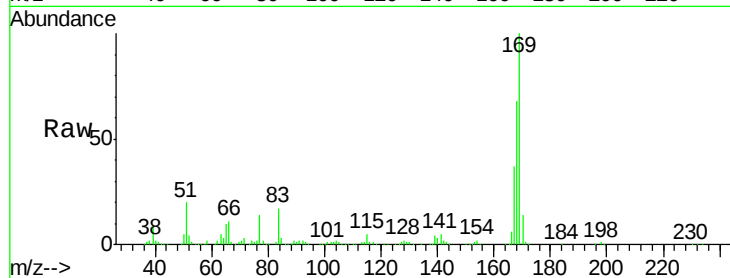




#65
 n-Nitrosodiphenylamine
 Concen: 36.57 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

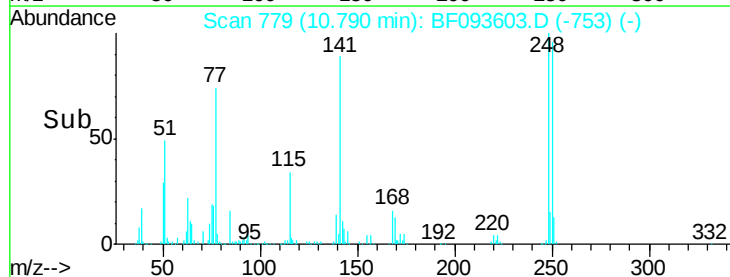
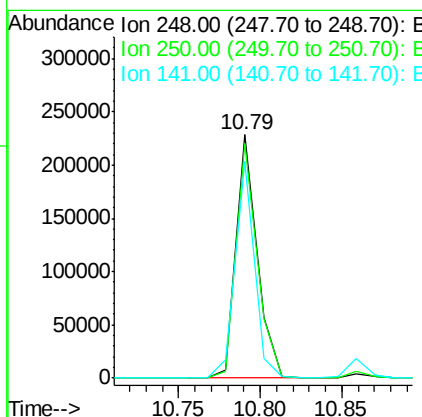
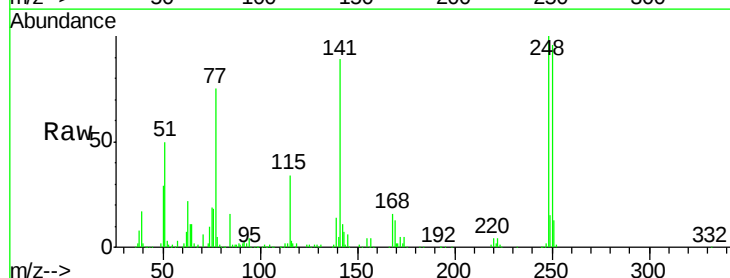
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

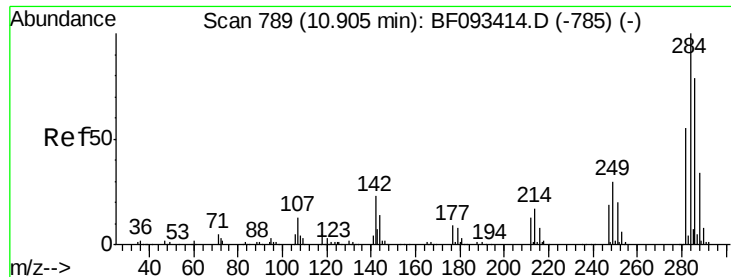
Tgt Ion:169 Resp: 628390
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.2 81.2
 167 37.3 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 37.35 ng
 RT: 10.79 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:248 Resp: 203259
 Ion Ratio Lower Upper
 248 100
 250 96.3 76.9 115.3
 141 88.8 68.2 102.4

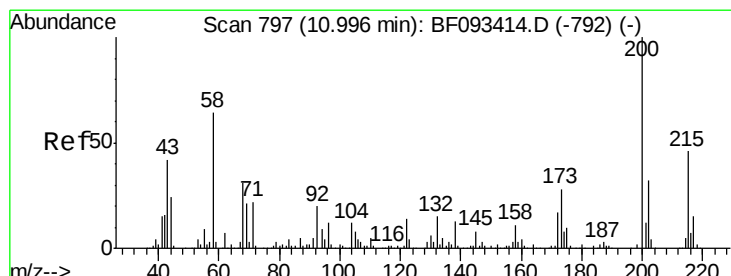
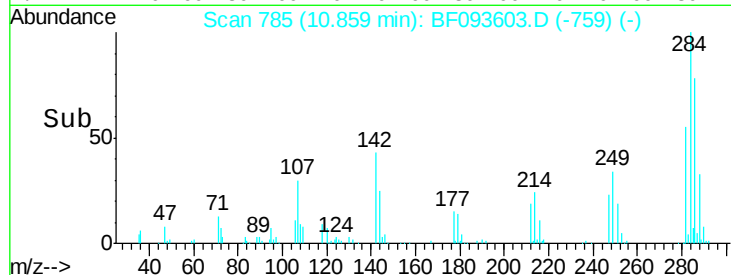
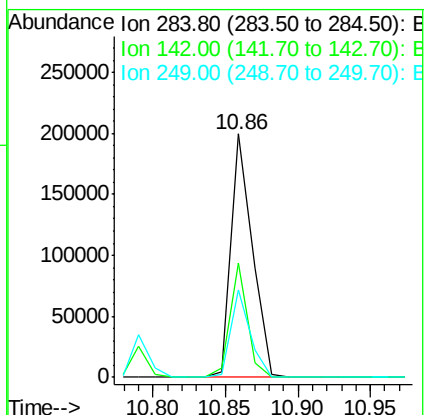
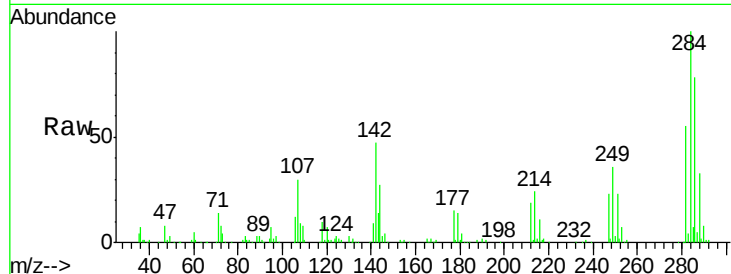




#67
Hexachlorobenzene
Concen: 39.12 ng
RT: 10.86 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

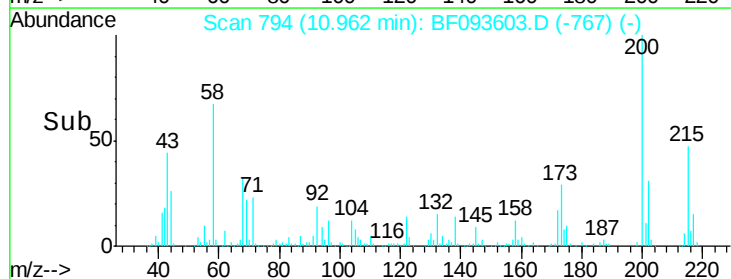
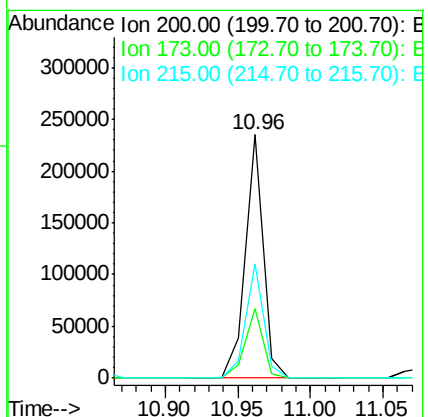
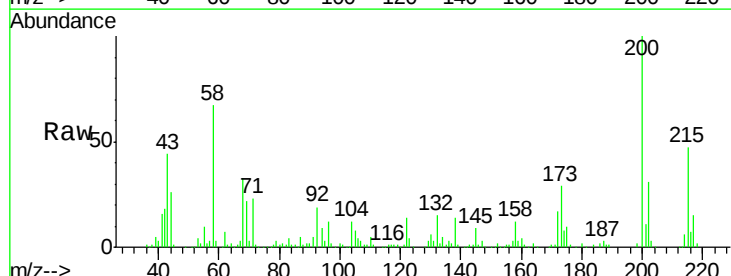
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

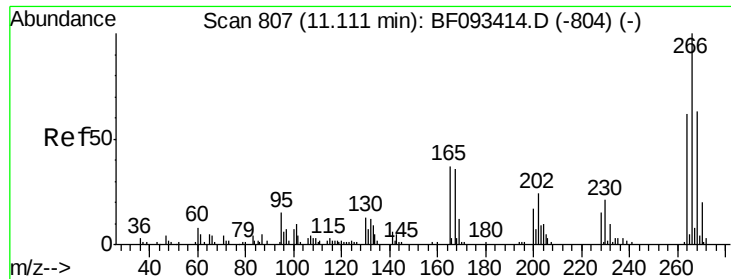
Tgt Ion:284 Resp: 203275
Ion Ratio Lower Upper
284 100
142 47.2 22.6 33.8#
249 35.7 25.4 38.0



#68
Atrazine
Concen: 40.14 ng
RT: 10.96 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:200 Resp: 201890
Ion Ratio Lower Upper
200 100
173 28.6 9.6 49.6
215 46.9 25.7 65.7

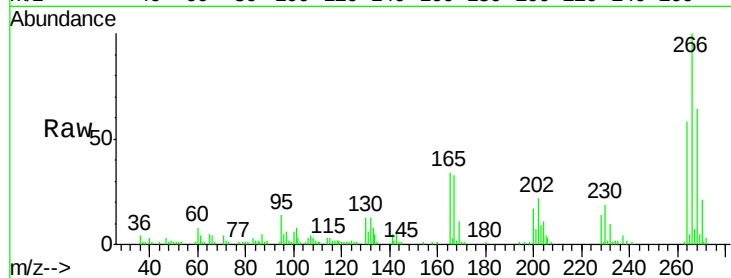




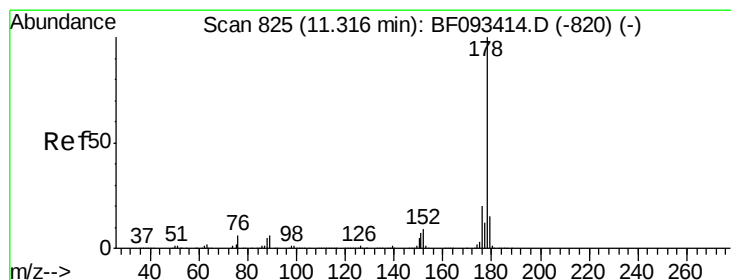
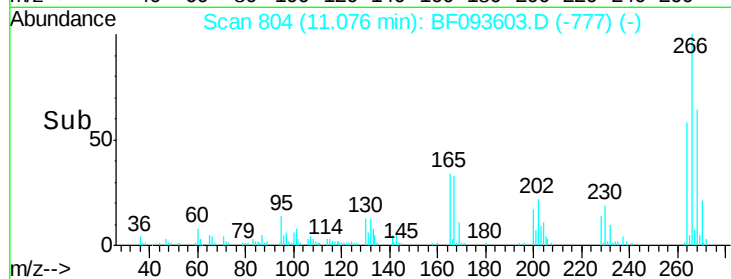
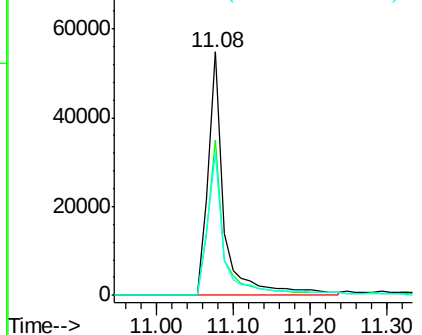
#69
 Pentachlorophenol
 Concen: 44.39 ng
 RT: 11.08 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 79647
 Ion Ratio Lower Upper
 266 100
 268 63.8 53.3 79.9
 264 58.3 50.3 75.5

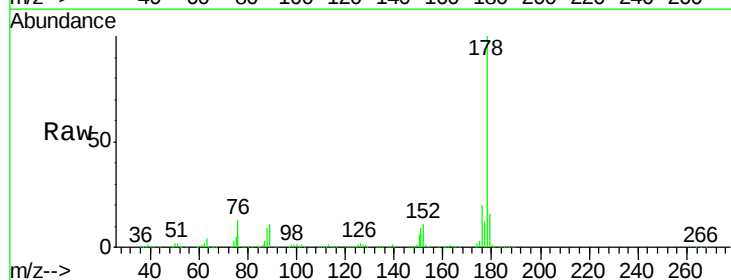


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

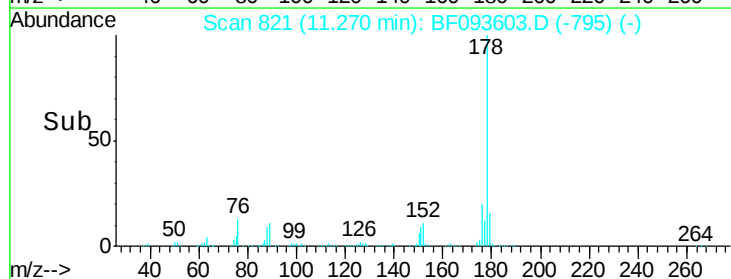
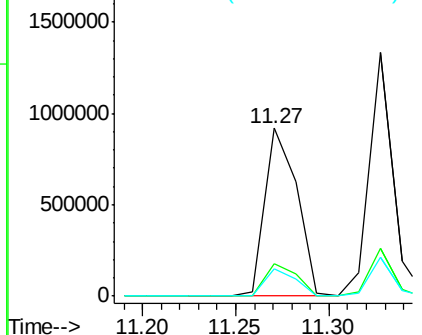


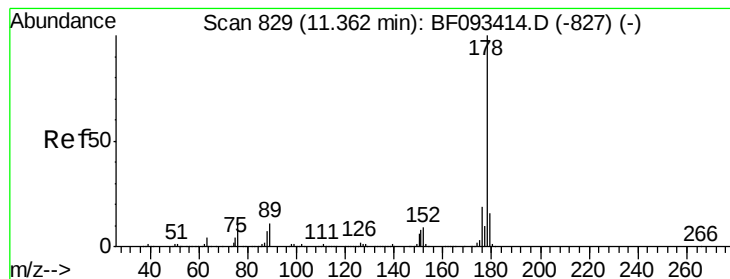
#70
 Phenanthrene
 Concen: 37.02 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:178 Resp: 1087640
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.6 25.0
 179 16.0 12.8 19.2



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: 39.01 ng

RT: 11.33 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

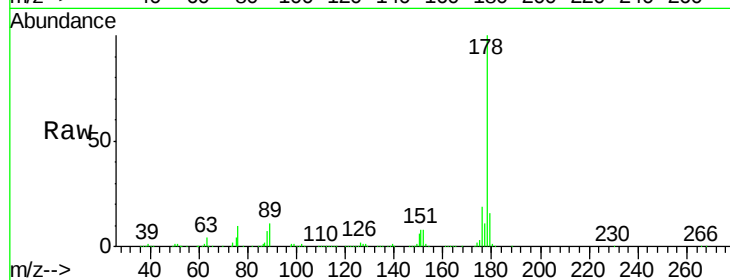
Tgt Ion:178 Resp: 1159240

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

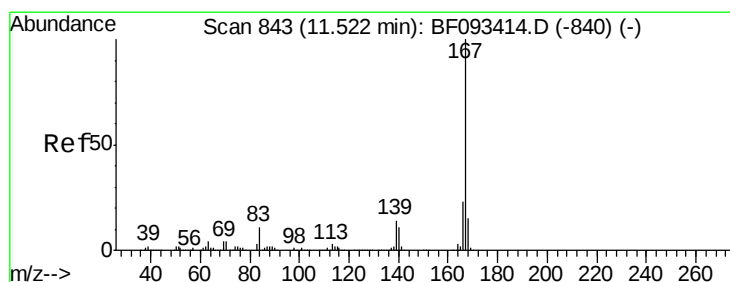
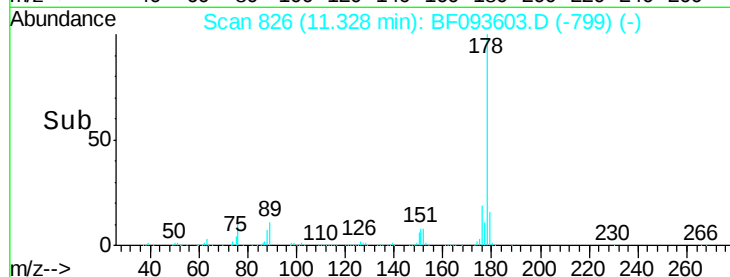
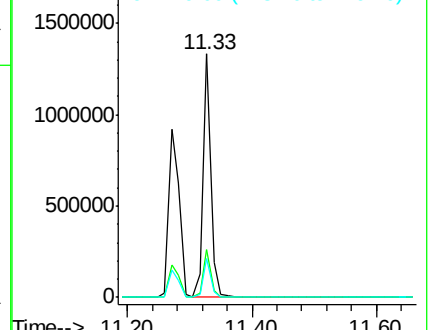
179 15.8 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.38 ng

RT: 11.49 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

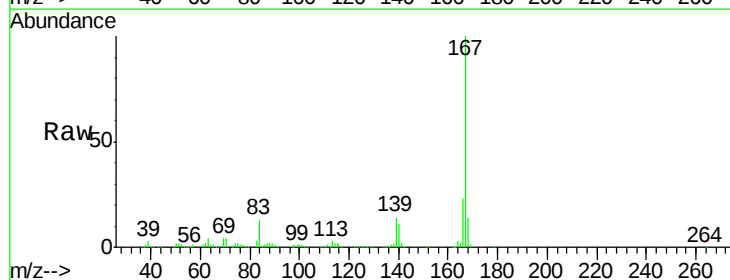
Tgt Ion:167 Resp: 1155036

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.2

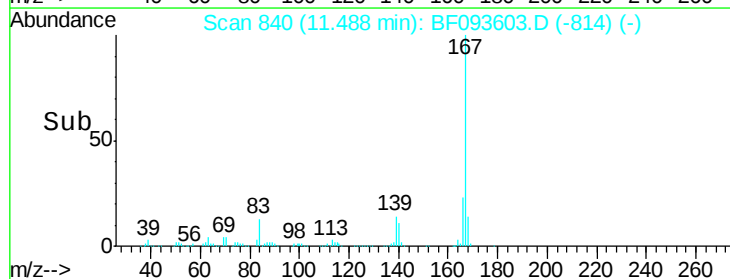
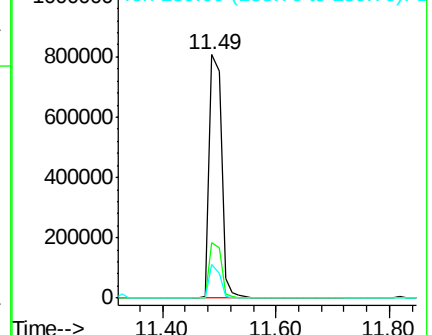
139 14.1 11.4 17.2

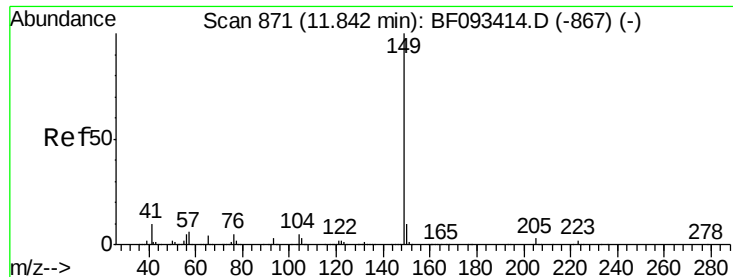


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

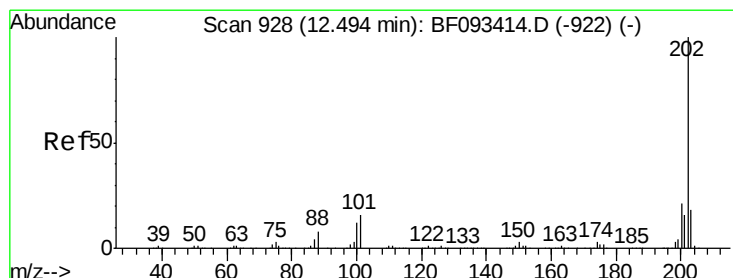
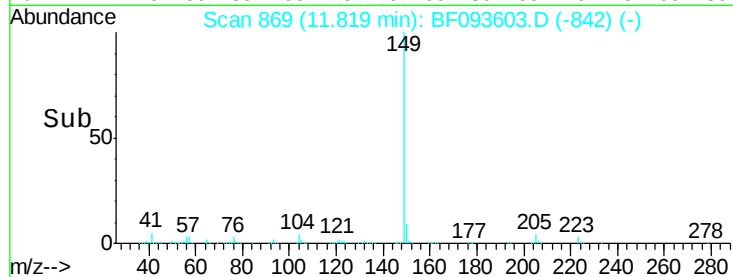
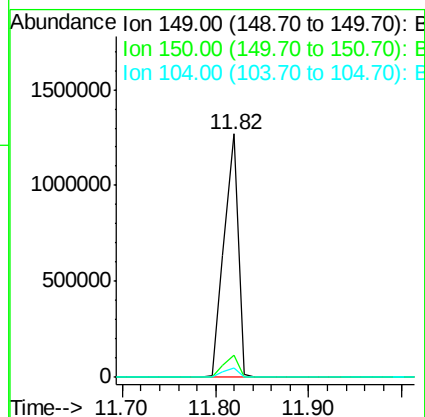
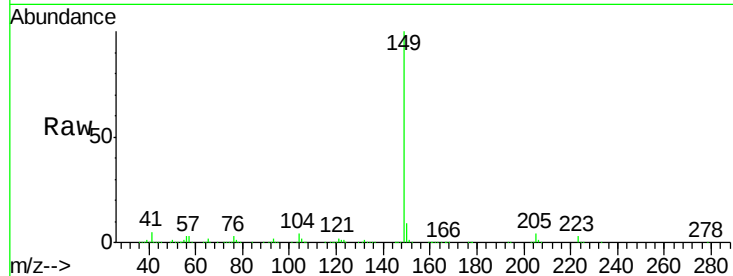




#73
Di-n-butylphthalate
Concen: 40.97 ng
RT: 11.82 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

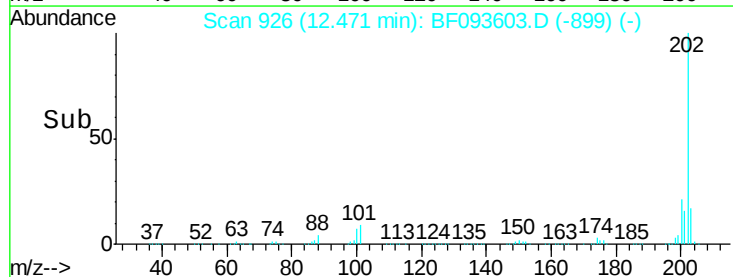
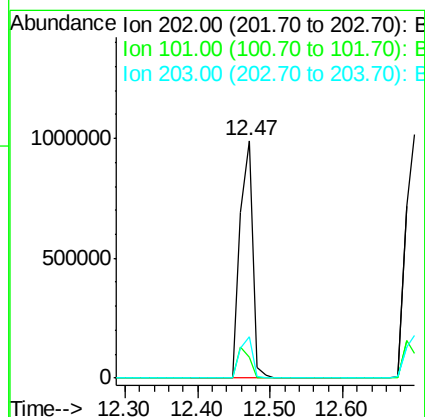
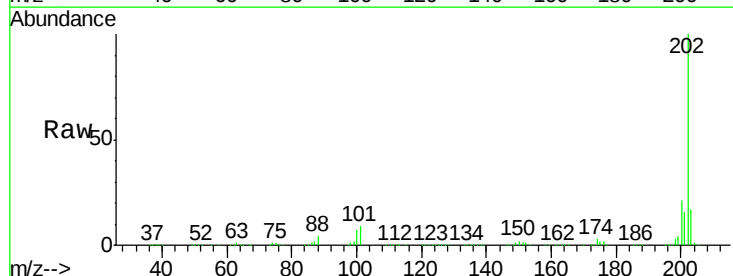
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

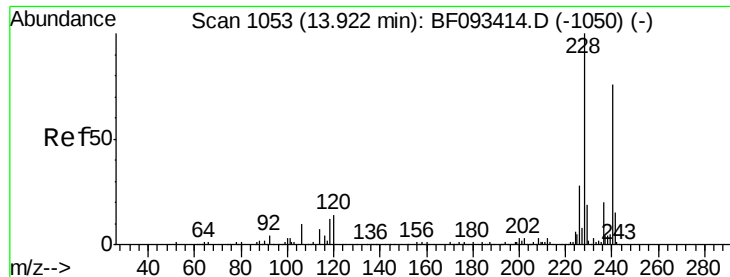
Tgt Ion:149 Resp: 1323193
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 3.7 4.6 7.0#



#74
Fluoranthene
Concen: 42.43 ng
RT: 12.47 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:202 Resp: 1203848
Ion Ratio Lower Upper
202 100
101 8.9 0.0 34.6
203 17.5 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

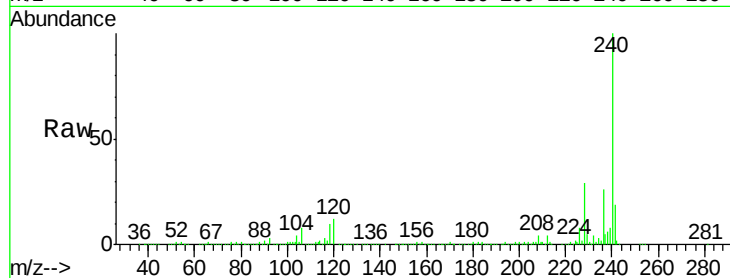
Tgt Ion:240 Resp: 459097

Ion Ratio Lower Upper

240 100

120 11.8 12.9 19.3#

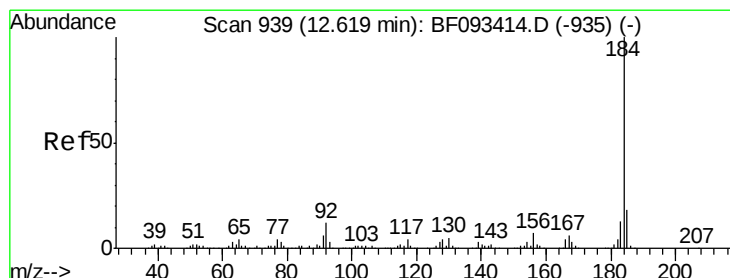
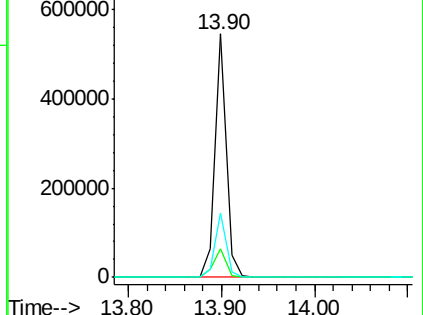
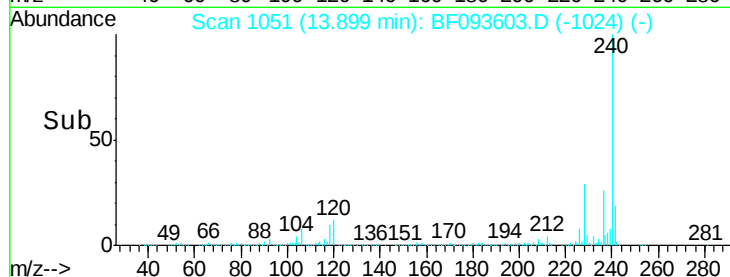
236 26.2 20.9 31.3



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: 38.41 ng

RT: 12.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

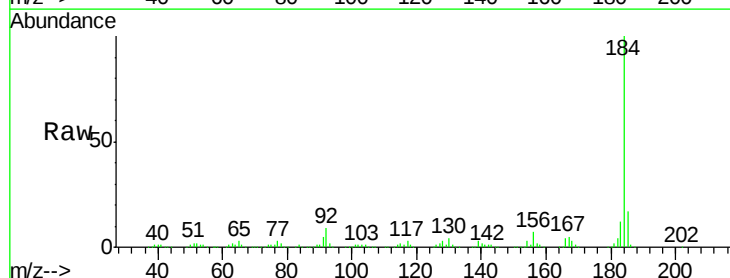
Tgt Ion:184 Resp: 579928

Ion Ratio Lower Upper

184 100

185 16.7 13.4 20.0

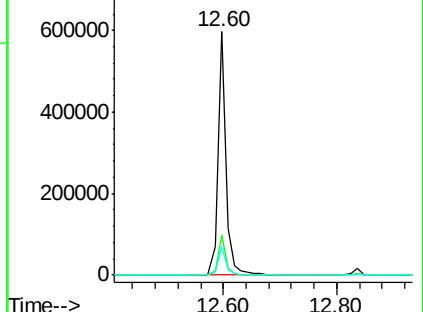
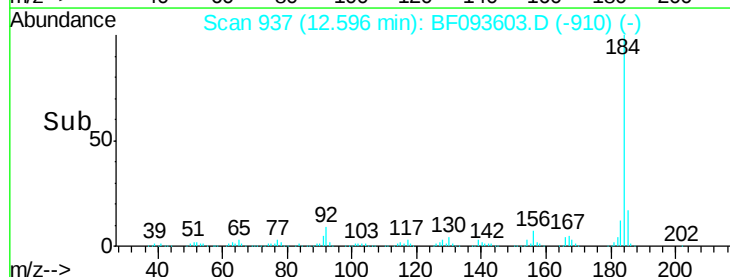
183 11.9 9.2 13.8

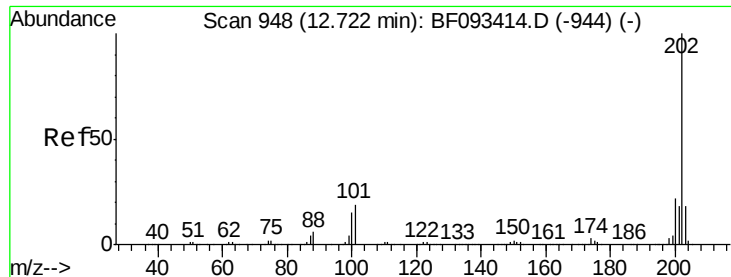


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

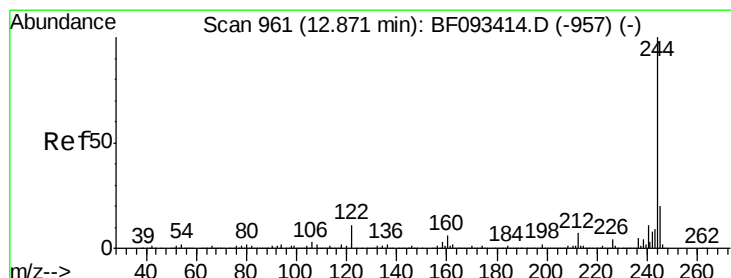
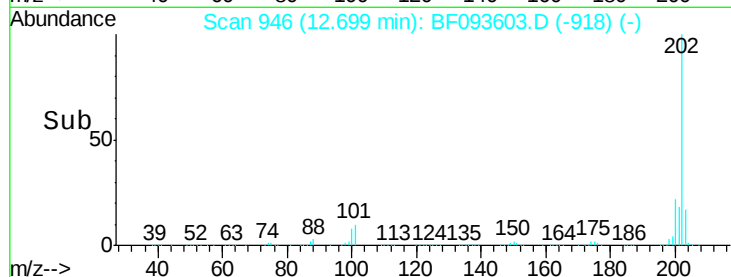
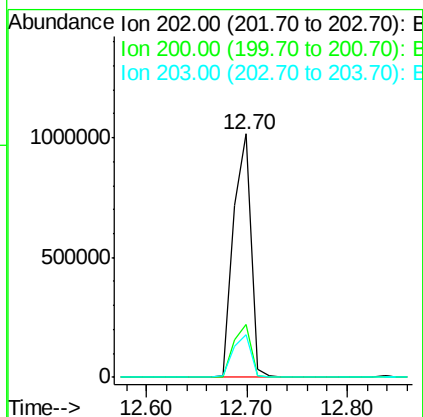
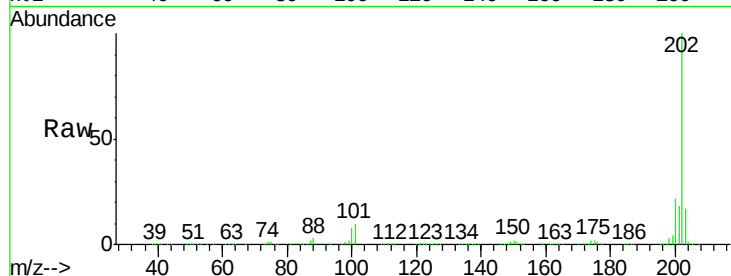




#77
 Pyrene
 Concen: 36.72 ng
 RT: 12.70 min Scan# 946
 Delta R.T. 0.02 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

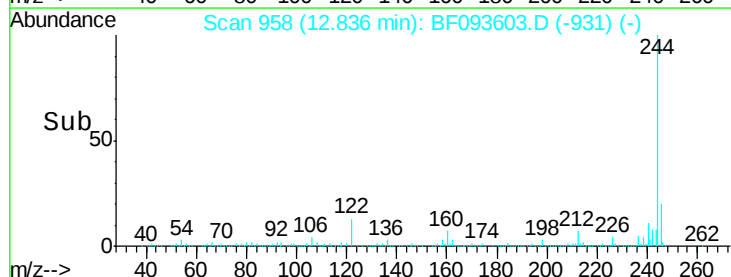
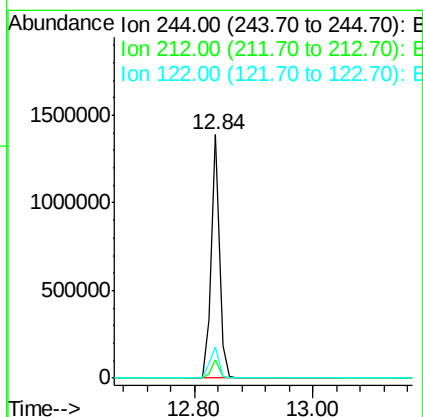
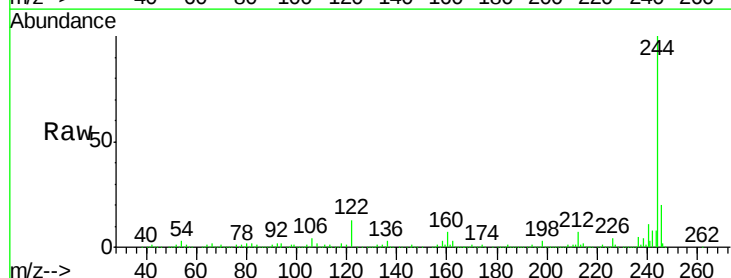
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

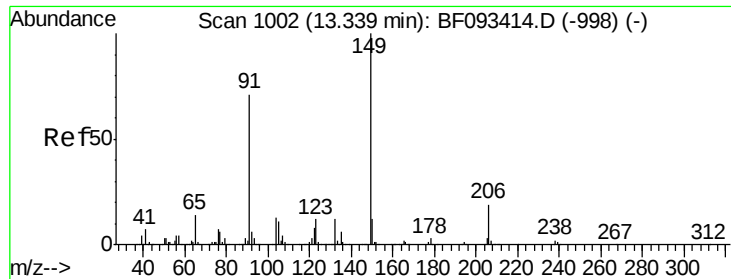
Tgt Ion: 202 Resp: 1225950
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 17.3 14.7 22.1



#78
 Terphenyl-d14
 Concen: 74.90 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion: 244 Resp: 1322533
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 12.8 11.4 17.2

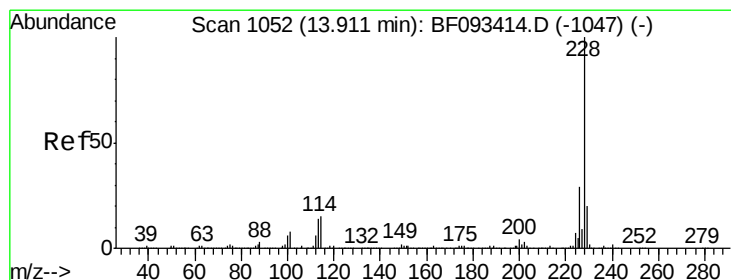
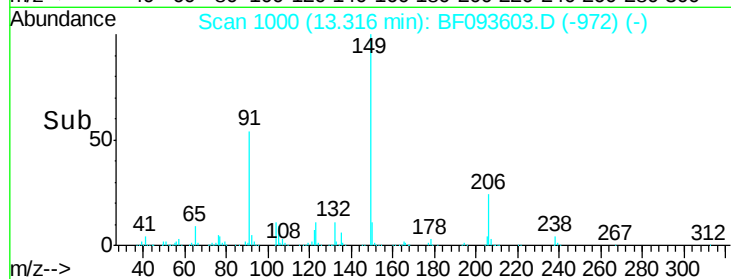
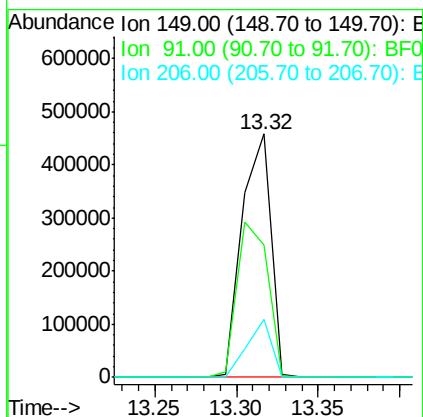
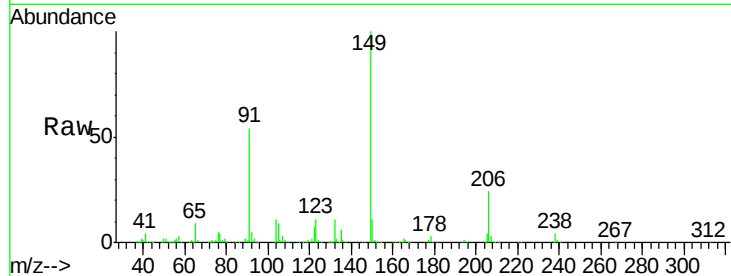




#79
Butylbenzylphthalate
Concen: 40.04 ng
RT: 13.32 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

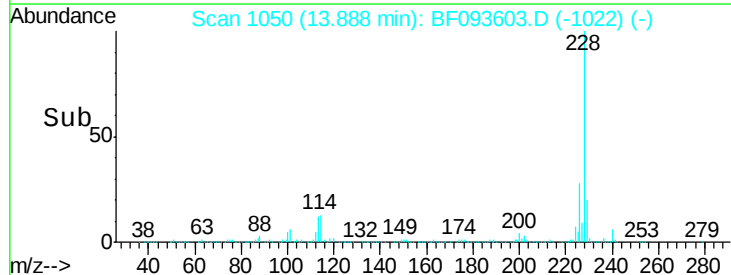
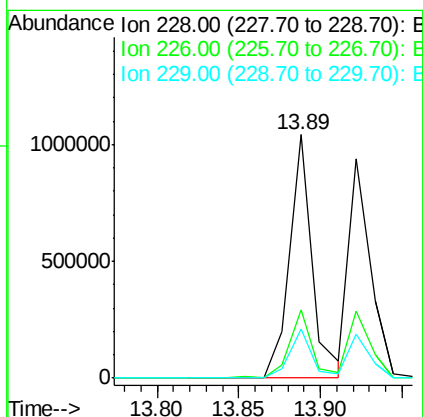
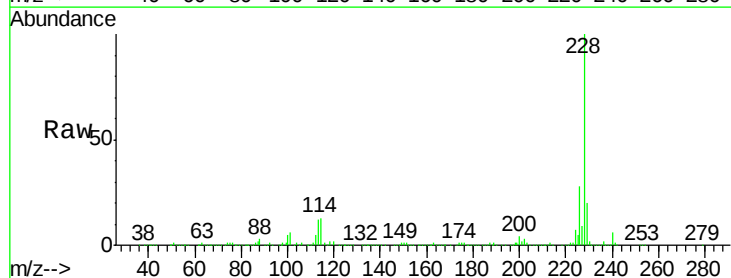
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

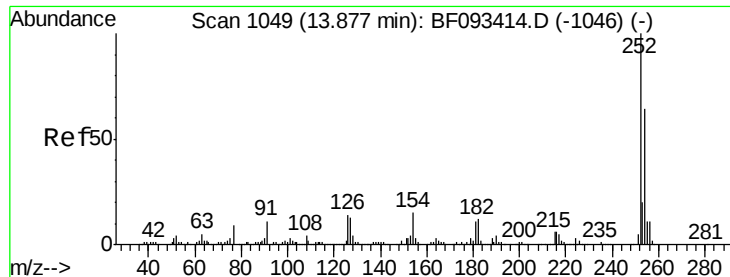
Tgt Ion:149 Resp: 562750
Ion Ratio Lower Upper
149 100
91 54.4 63.9 95.9#
206 23.7 14.6 21.8#



#80
Benzo(a)anthracene
Concen: 37.21 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:228 Resp: 1008904
Ion Ratio Lower Upper
228 100
226 28.2 22.4 33.6
229 20.4 16.2 24.4

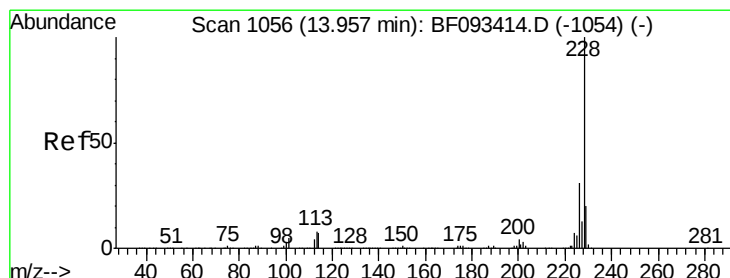
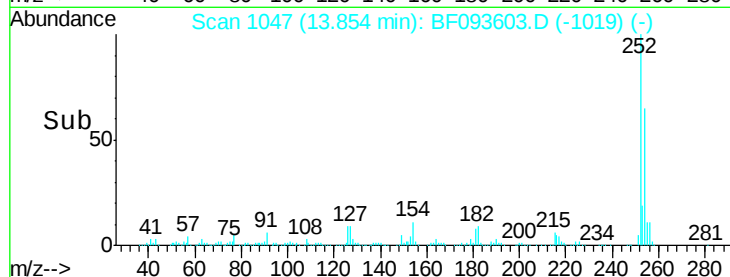
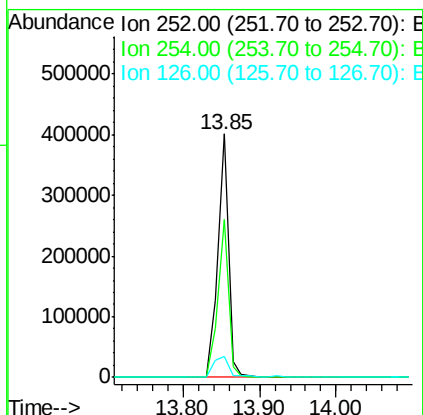
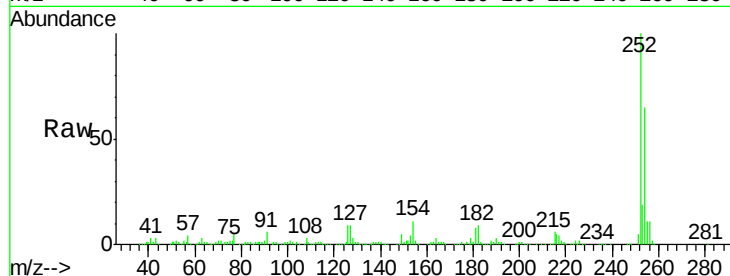




#81
 3,3'-Dichlorobenzidine
 Concen: 40.94 ng
 RT: 13.85 min Scan# 1047
 Delta R.T. 0.02 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

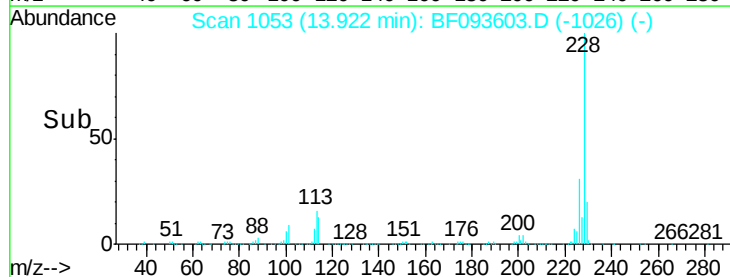
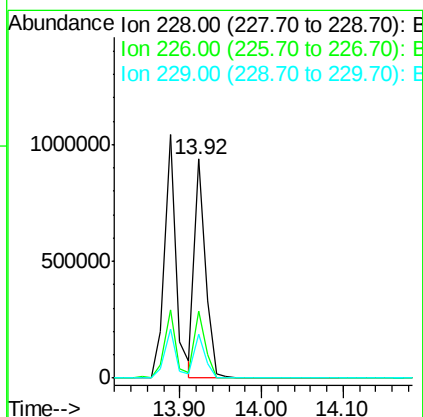
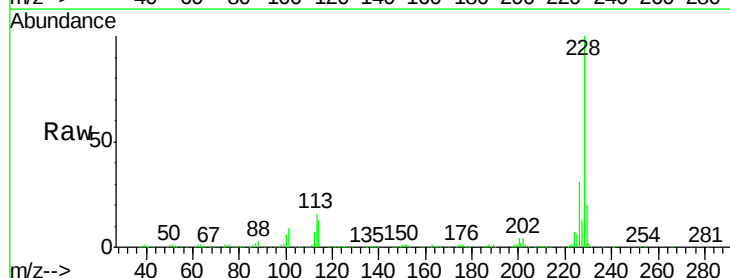
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

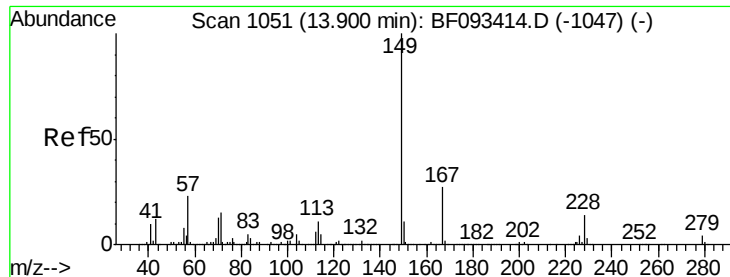
Tgt Ion:252 Resp: 388734
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.3 78.5
 126 8.8 13.6 20.4#



#82
 Chrysene
 Concen: 35.67 ng
 RT: 13.92 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion:228 Resp: 894739
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.0
 229 20.1 16.2 24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.93 ng

RT: 13.87 min Scan# 1048

Delta R.T. 0.01 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

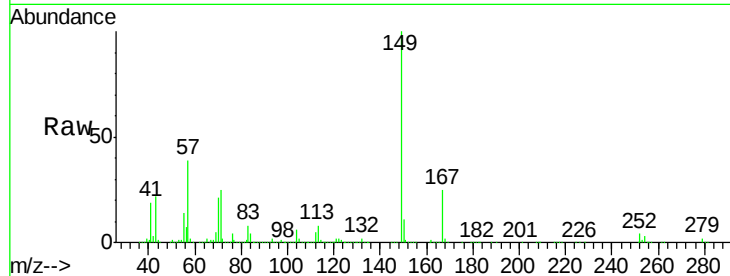
Tgt Ion:149 Resp: 743024

Ion Ratio Lower Upper

149 100

167 25.2 20.2 30.4

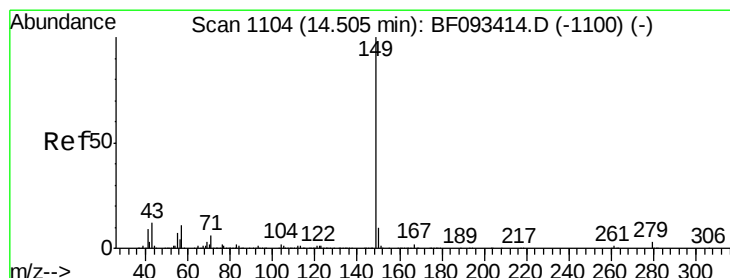
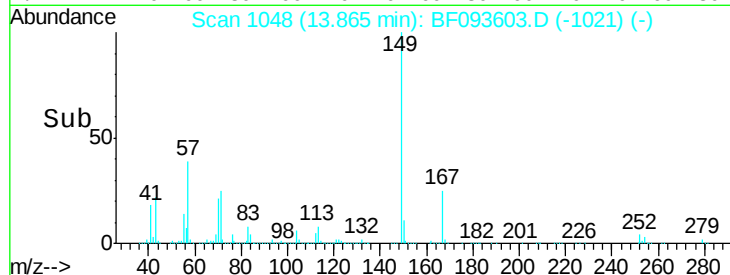
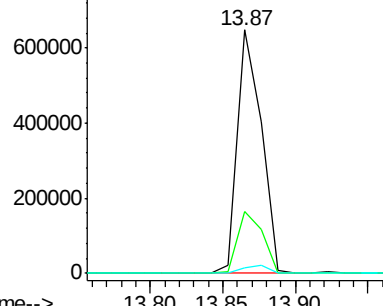
279 2.0 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.61 ng

RT: 14.48 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

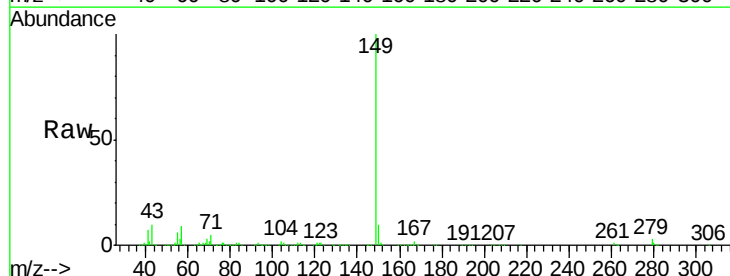
Tgt Ion:149 Resp: 1293319

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

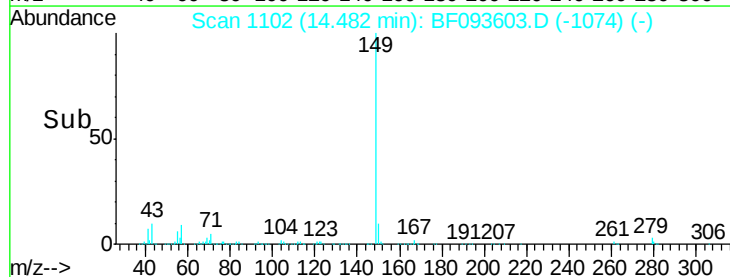
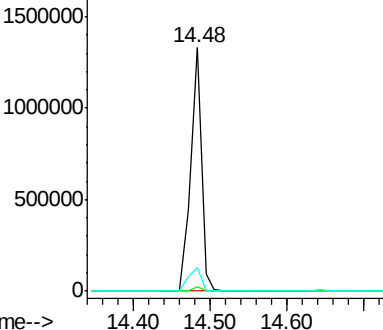
43 11.6 8.9 13.3

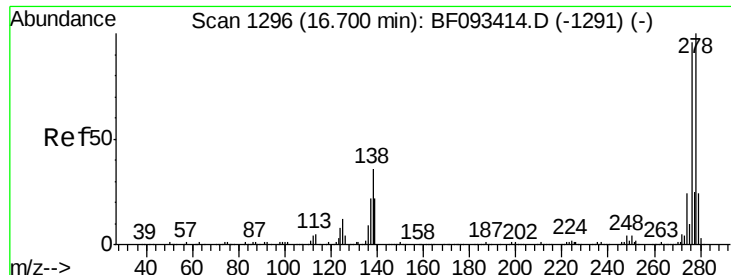


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

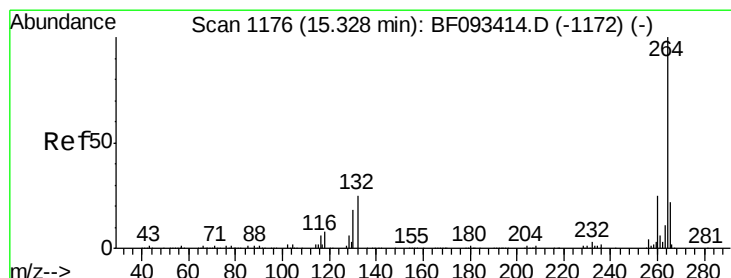
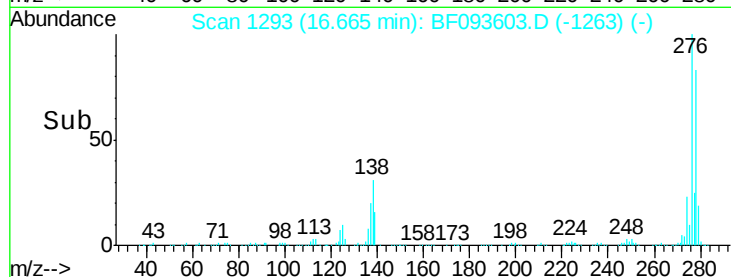
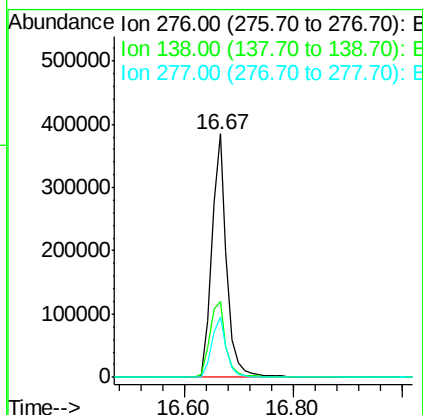
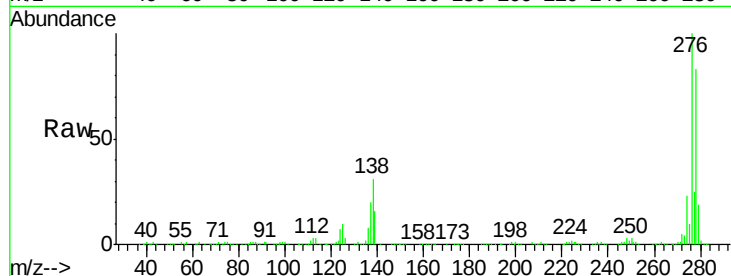




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.09 ng
 RT: 16.67 min Scan# 1293
 Delta R.T. 0.05 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

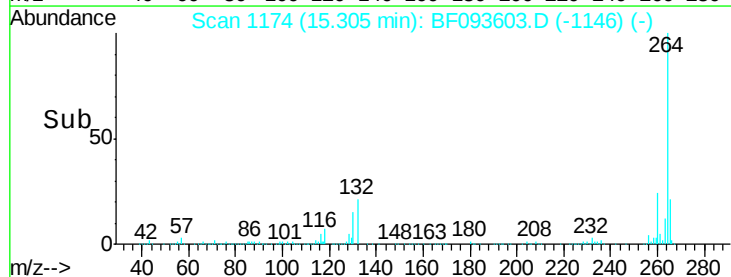
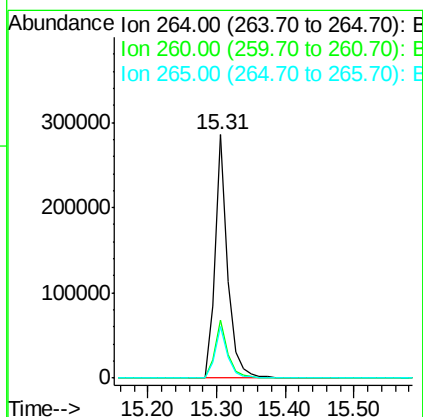
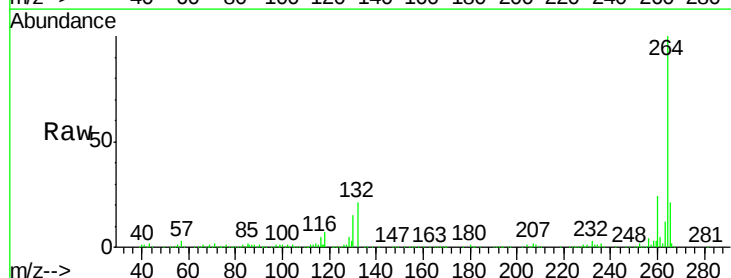
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

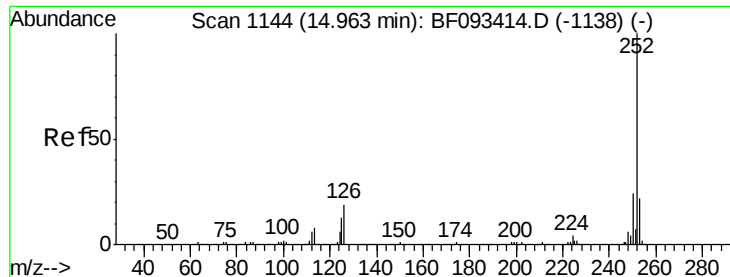
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.5	21.8	32.6
277	25.1	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093603.D
 Acq: 13 Mar 2017 12:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.4	26.0

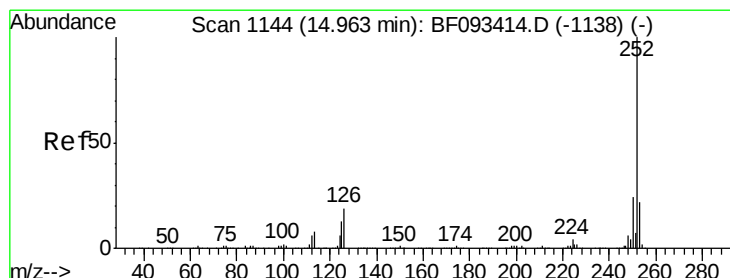
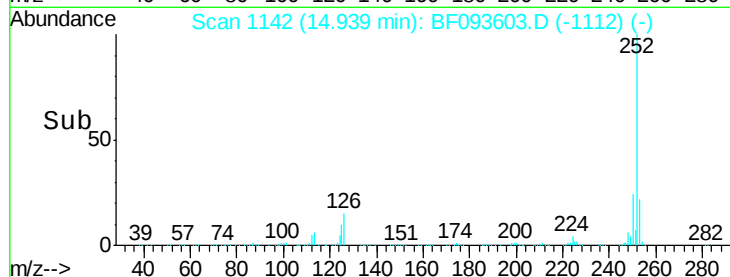
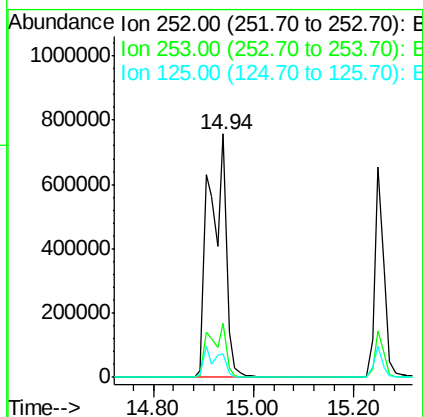
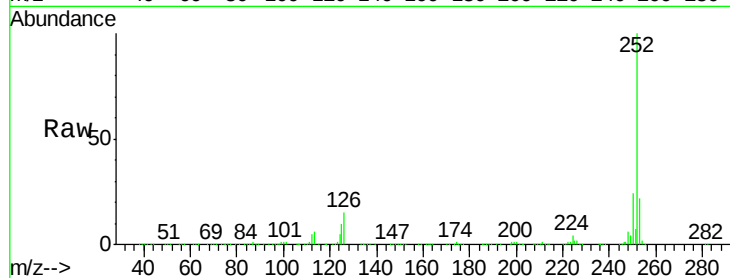




#87
Benzo(b)fluoranthene
Concen: 78.69 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.05 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

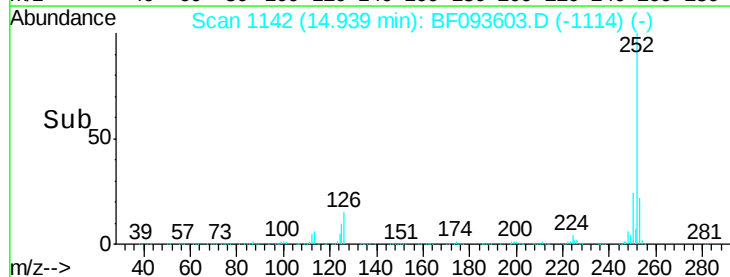
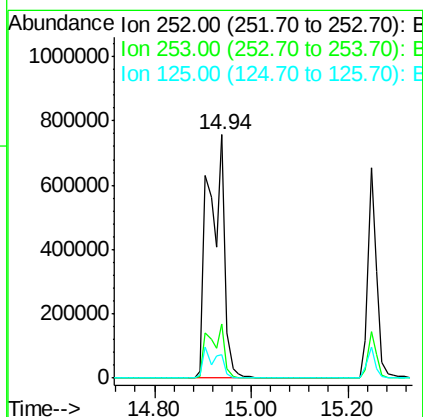
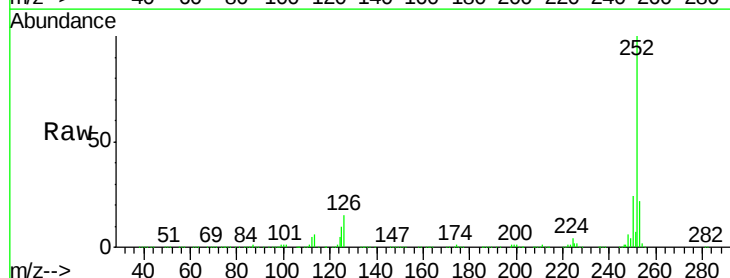
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

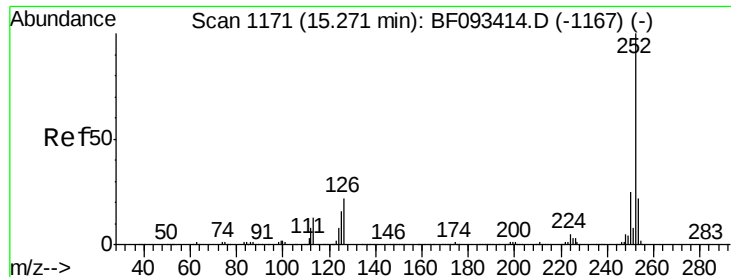
Tgt Ion:252 Resp: 1774909
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.7 9.8 14.6#



#88
Benzo(k)fluoranthene
Concen: 81.61 ng
RT: 14.94 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion:252 Resp: 1775099
Ion Ratio Lower Upper
252 100
253 22.3 18.5 27.7
125 9.7 8.9 13.3

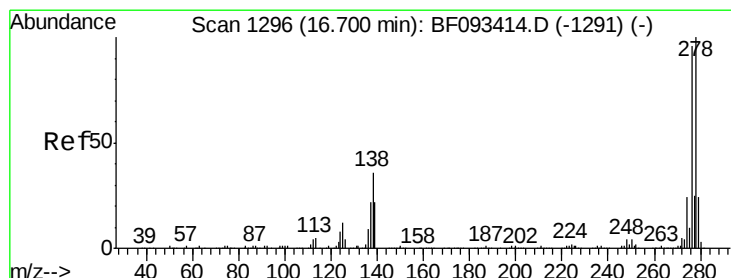
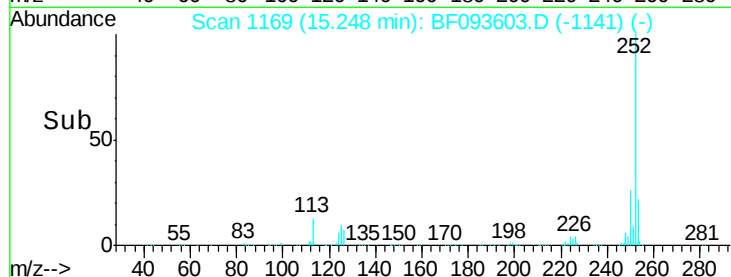
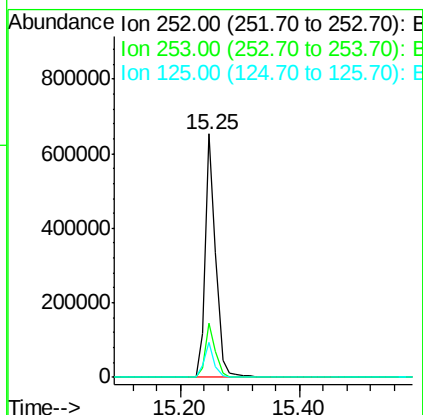
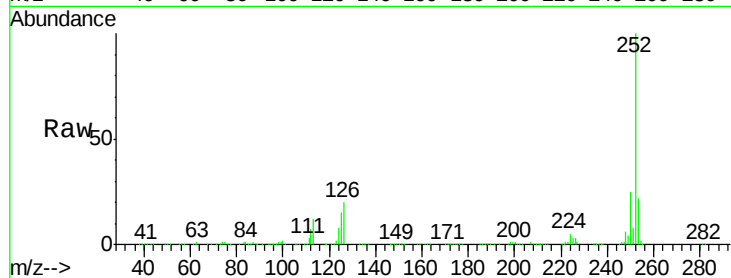




#89
Benzo(a)pyrene
Concen: 39.78 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

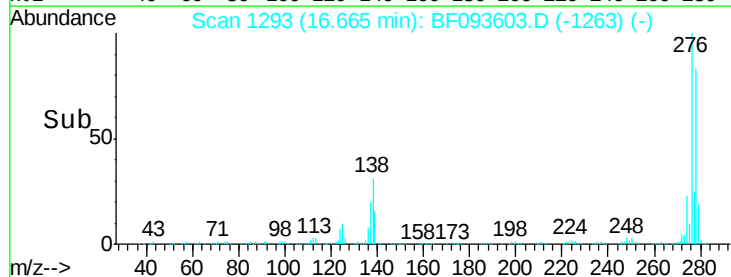
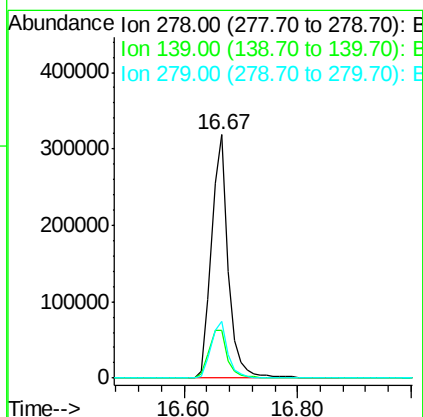
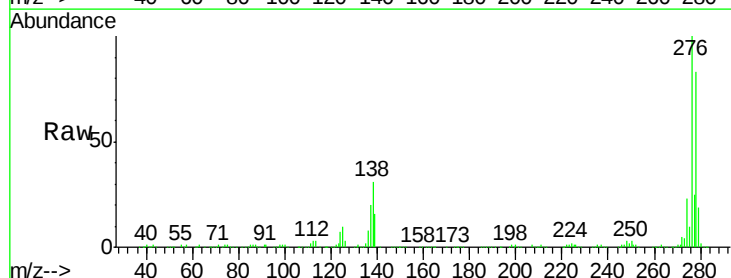
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

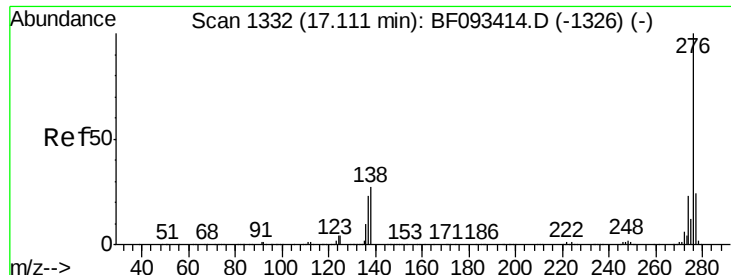
Tgt Ion: 252 Resp: 820033
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 14.6 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 37.39 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093603.D
Acq: 13 Mar 2017 12:01

Tgt Ion: 278 Resp: 637653
Ion Ratio Lower Upper
278 100
139 19.5 14.8 22.2
279 23.5 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 36.32 ng

RT: 17.07 min Scan# 1328

Delta R.T. 0.05 min

Lab File: BF093603.D

Acq: 13 Mar 2017 12:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

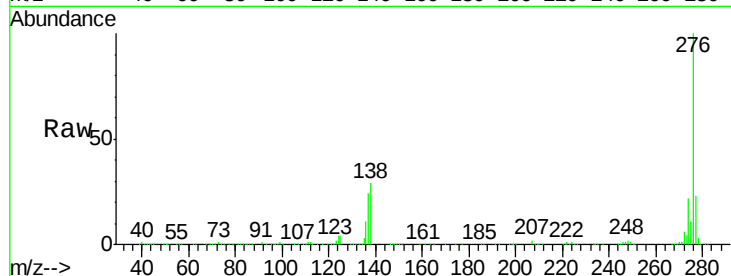
Tgt Ion: 276 Resp: 635657

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 28.5 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

