

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080416\
 Data File : BF089607.D
 Acq On : 5 Aug 2016 1:52
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 05 05:39:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	47622	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	207861	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	98671	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	187615	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	120577	20.00	ng	0.00
86) Perylene-d12	20.05	264	85036	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	229496	80.77	ng	0.00
7) Phenol-d6	6.98	99	311090	80.71	ng	0.00
23) Nitrobenzene-d5	8.36	82	304311	80.98	ng	0.00
41) 2,4,6-Tribromophenol	13.59	330	64881	79.68	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	567024	74.68	ng	0.00
78) Terphenyl-d14	17.05	244	447051	73.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	58381	35.84	ng	99
3) Pyridine	2.31	79	126117	42.14	ng	99
4) n-Nitrosodimethylamine	2.28	42	47830	38.01	ng	95
6) Aniline	6.94	93	207809	41.61	ng	100
8) 2-Chlorophenol	7.12	128	141759	40.64	ng	99
9) Benzaldehyde	6.75	77	64712	46.28	ng	99
10) Phenol	7.00	94	164283	41.52	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	134938	39.69	ng	99
12) 1,3-Dichlorobenzene	7.35	146	148598	39.22	ng	98
13) 1,4-Dichlorobenzene	7.47	146	144928	38.35	ng	100
14) 1,2-Dichlorobenzene	7.70	146	152197	38.21	ng	100
15) Benzyl Alcohol	7.74	79	102037	40.37	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.94	45	165941	38.33	ng	95
17) 2-Methylphenol	7.94	107	102063	40.51	ng	98
18) Hexachloroethane	8.23	117	60622	38.07	ng	97
19) n-Nitroso-di-n-propylamine	8.17	70	111214	39.94	ng	99
20) 3+4-Methylphenols	8.20	107	131710	41.42	ng	99
22) Acetophenone	8.14	105	213443	43.07	ng	99
24) Nitrobenzene	8.39	77	149195	41.80	ng	99
25) Isophorone	8.79	82	271936	37.79	ng	98
26) 2-Nitrophenol	8.89	139	65429	39.94	ng	99
27) 2,4-Dimethylphenol	9.03	122	121873	41.38	ng	98
28) bis(2-Chloroethoxy)methane	9.18	93	175023	40.20	ng	100
29) 2,4-Dichlorophenol	9.30	162	108838	39.06	ng	99
30) 1,2,4-Trichlorobenzene	9.40	180	124223	39.03	ng	97
31) Naphthalene	9.51	128	430107	38.93	ng	100
32) Benzoic acid	9.36	122	68432	36.98	ng	95
33) 4-Chloroaniline	9.64	127	175918	42.40	ng	99
34) Hexachlorobutadiene	9.72	225	70119	38.26	ng	99
35) Caprolactam	10.28	113	32382	39.87	ng	97
36) 4-Chloro-3-methylphenol	10.50	107	133278	41.15	ng	99
37) 2-Methylnaphthalene	10.63	142	260104	38.28	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	143989	38.83	ng	99
40) Hexachlorocyclopentadiene	10.89	237	47104	41.60	ng	100

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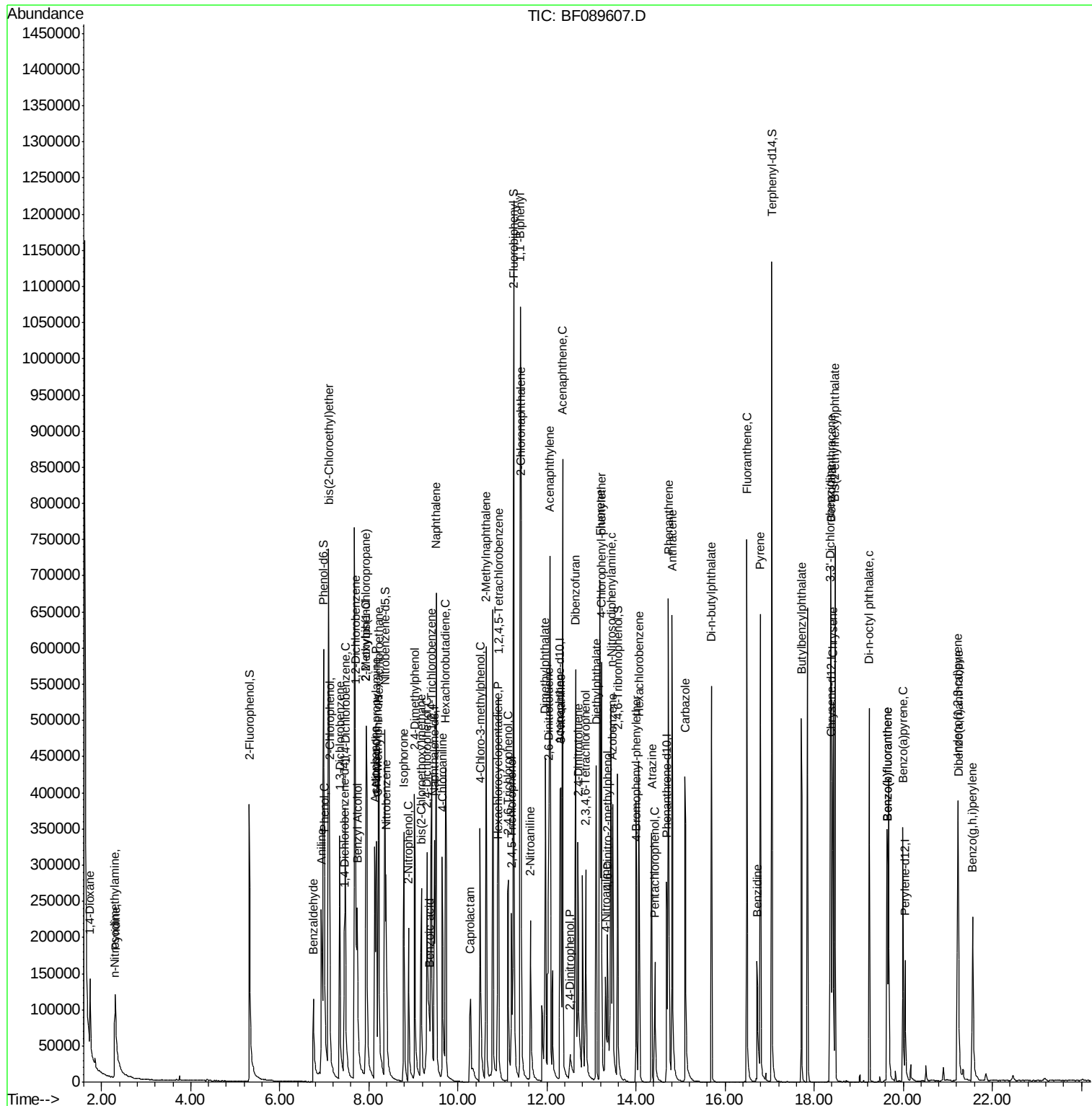
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	73517	40.19	ng	99
43) 2,4,5-Trichlorophenol	11.20	196	77420	39.60	ng	96
45) 1,1'-Biphenyl	11.41	154	342887	38.53	ng	100
46) 2-Chloronaphthalene	11.42	162	260013	38.97	ng	99
47) 2-Nitroaniline	11.62	65	83853	38.99	ng	99
48) Acenaphthylene	12.07	152	417665	38.01	ng	100
49) Dimethylphthalate	11.97	163	295393	38.19	ng	100
50) 2,6-Dinitrotoluene	12.05	165	62850	40.87	ng	94
51) Acenaphthene	12.35	154	242613	38.22	ng	100
52) 3-Nitroaniline	12.31	138	69495	37.79	ng	98
53) 2,4-Dinitrophenol	12.51	184	19372	37.77	ng	93
54) Dibenzofuran	12.64	168	336600	38.57	ng	99
55) 4-Nitrophenol	12.64	139	176629	Below Cal	#	22
56) 2,4-Dinitrotoluene	12.70	165	83941	38.81	ng	98
57) Fluorene	13.19	166	279987	37.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	12.87	232	57662	38.85	ng	99
59) Diethylphthalate	13.11	149	304903	38.12	ng	100
60) 4-Chlorophenyl-phenylether	13.22	204	132704	38.80	ng	99
61) 4-Nitroaniline	13.31	138	66765	40.38	ng	97
62) Azobenzene	13.47	77	308099	39.83	ng	92
64) 4,6-Dinitro-2-methylphenol	13.36	198	42600	38.32	ng	95
65) n-Nitrosodiphenylamine	13.44	169	248364	39.20	ng	99
66) 4-Bromophenyl-phenylether	14.01	248	73903	40.72	ng	97
67) Hexachlorobenzene	14.07	284	74139	37.14	ng	97
68) Atrazine	14.35	200	76734	43.37	ng	98
69) Pentachlorophenol	14.42	266	34682	42.61	ng	96
70) Phenanthrene	14.73	178	391228	38.35	ng	100
71) Anthracene	14.81	178	409060	37.40	ng	100
72) Carbazole	15.10	167	354749	38.92	ng	99
73) Di-n-butylphthalate	15.69	149	468573	38.01	ng	99
74) Fluoranthene	16.49	202	404485	38.57	ng	99
76) Benzidine	16.72	184	161306	44.13	ng	97
77) Pyrene	16.79	202	393554	36.92	ng	99
79) Butylbenzylphthalate	17.71	149	178036	39.25	ng	# 80
80) Benzo(a)anthracene	18.38	228	267879	38.67	ng	100
81) 3,3'-Dichlorobenzidine	18.37	252	87996	40.32	ng	98
82) Chrysene	18.42	228	275998	37.97	ng	99
83) Bis(2-ethylhexyl)phthalate	18.47	149	238948	38.04	ng	99
84) Di-n-octyl phthalate	19.23	149	341949	37.83	ng	99
85) Indeno(1,2,3-cd)pyrene	21.22	276	209671	37.99	ng	99
87) Benzo(b)fluoranthene	19.65	252	209777	40.11	ng	99
88) Benzo(k)fluoranthene	19.65	252	209777	39.76	ng	# 95
89) Benzo(a)pyrene	19.99	252	186192	38.02	ng	99
90) Dibenzo(a,h)anthracene	21.23	278	182846	39.97	ng	99
91) Benzo(g,h,i)perylene	21.55	276	189719	40.51	ng	98

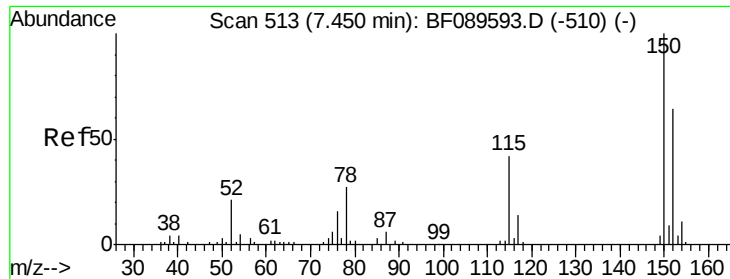
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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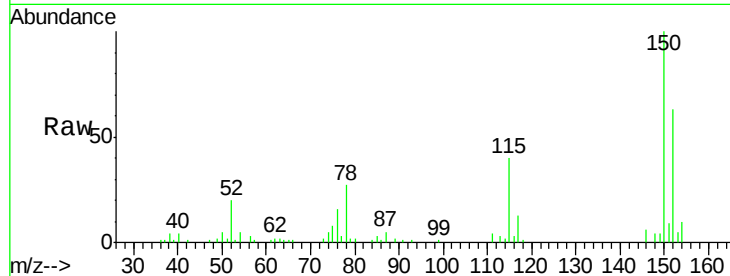




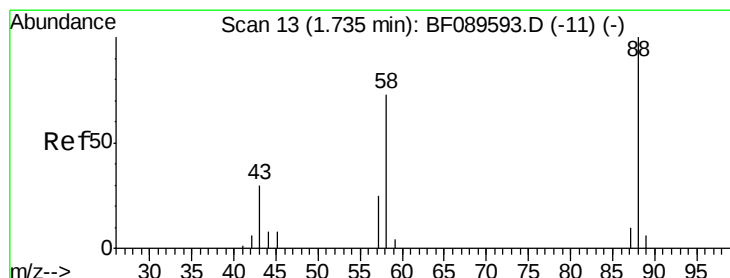
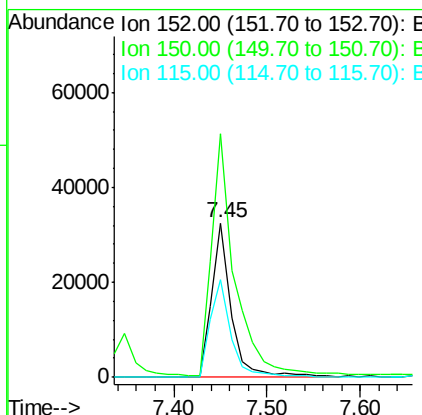
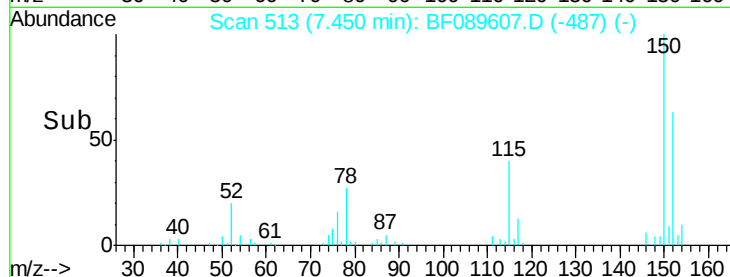
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.45 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 47622
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.5 188.3
 115 63.5 52.0 78.0

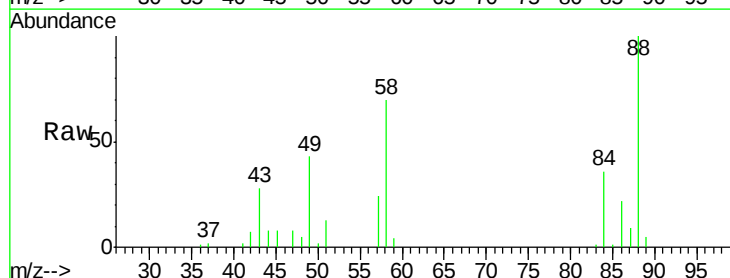


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

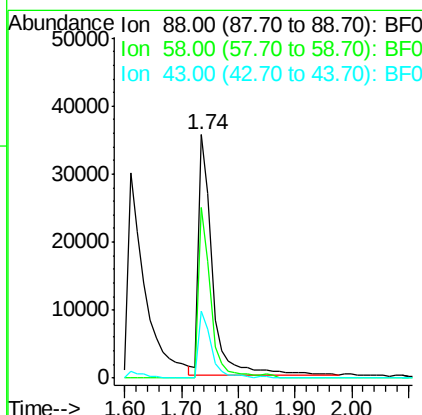
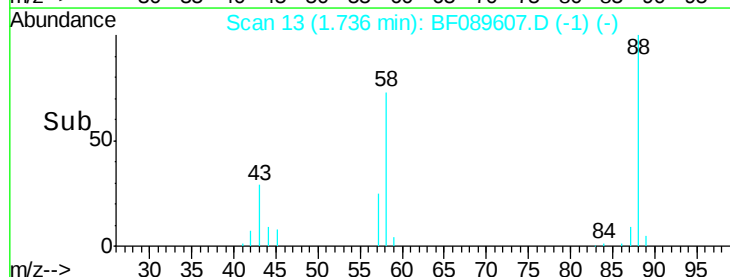


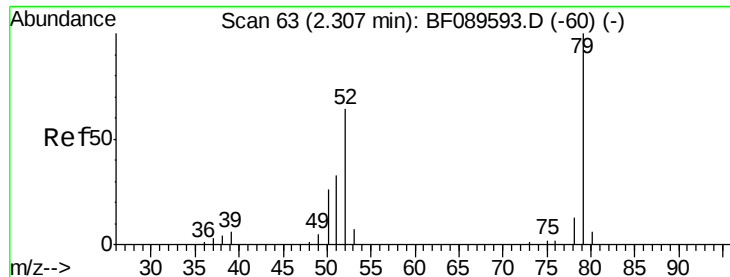
#2
 1,4-Dioxane
 Concen: 35.84 ng
 RT: 1.74 min Scan# 13
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion: 88 Resp: 58381
 Ion Ratio Lower Upper
 88 100
 58 63.4 49.8 74.8
 43 25.4 20.1 30.1



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: 42.14 ng

RT: 2.31 min Scan# 63

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

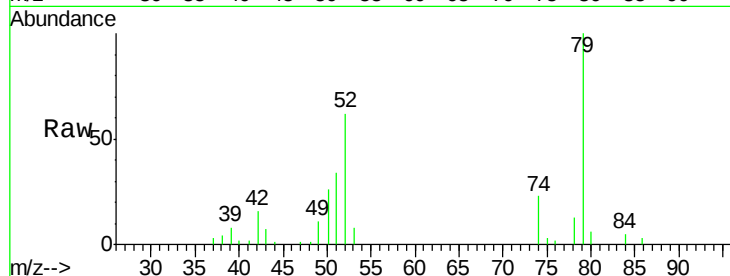
Tgt Ion: 79 Resp: 126117

Ion Ratio Lower Upper

79 100

52 62.4 51.0 76.4

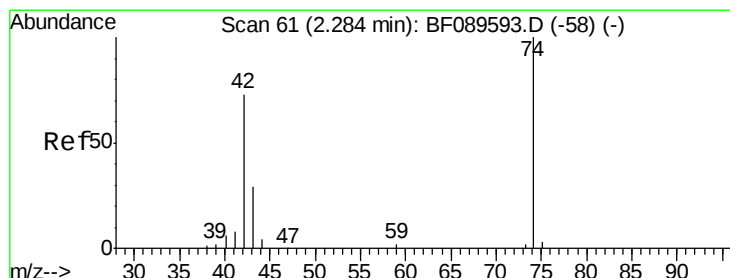
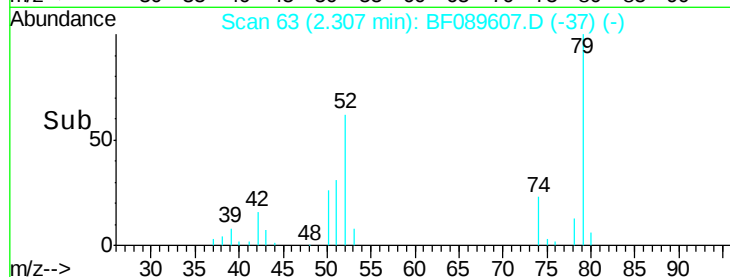
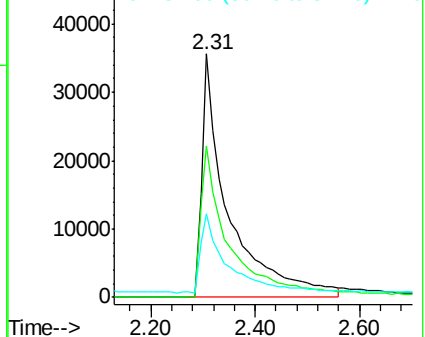
51 34.3 27.9 41.9



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: 38.01 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

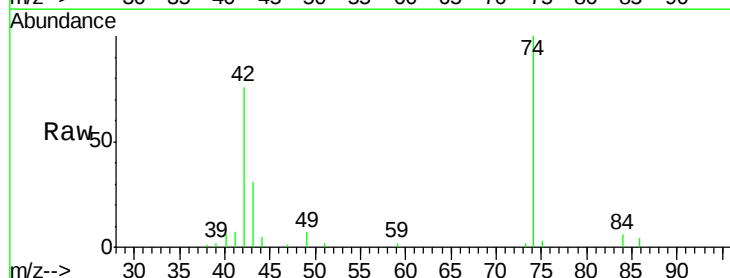
Tgt Ion: 42 Resp: 47830

Ion Ratio Lower Upper

42 100

74 130.7 110.0 165.0

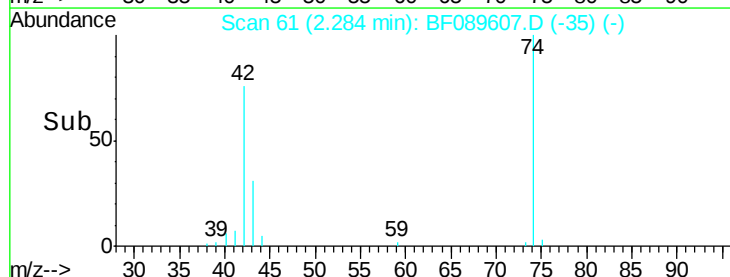
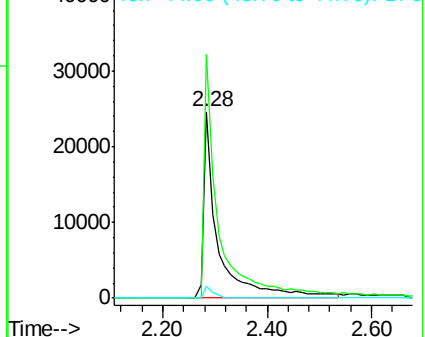
44 6.1 4.8 7.2

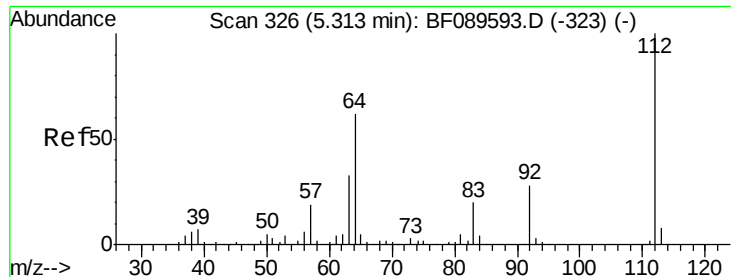


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.77 ng

RT: 5.31 min Scan# 326

Delta R.T. 0.00 min

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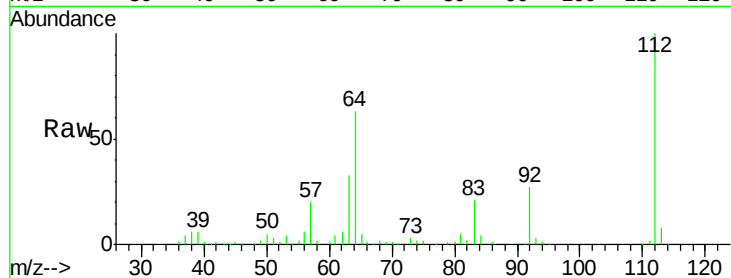
Tgt Ion: 112 Resp: 229496

Ion Ratio Lower Upper

112 100

64 62.6 49.9 74.9

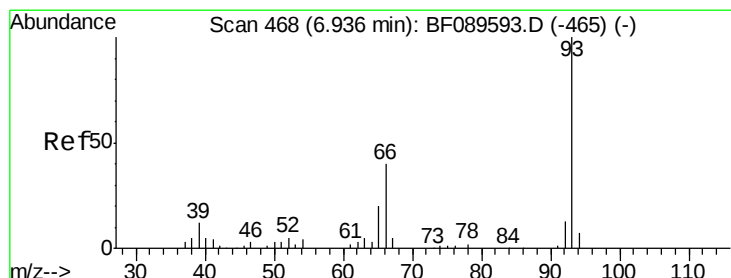
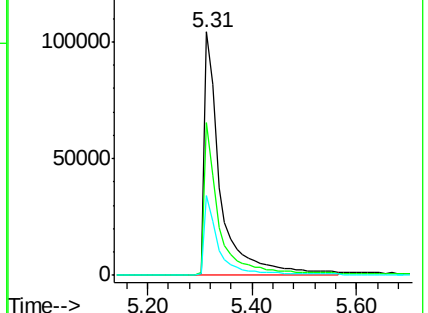
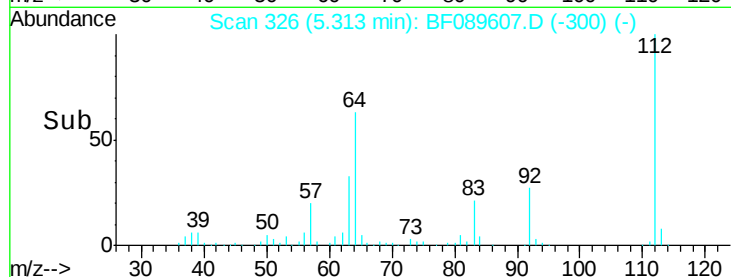
63 32.9 26.1 39.1



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: 41.61 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.00 min

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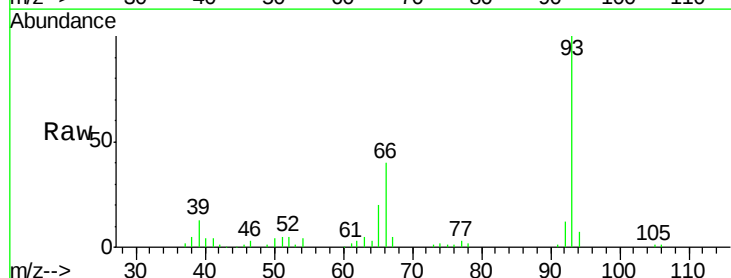
Tgt Ion: 93 Resp: 207809

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

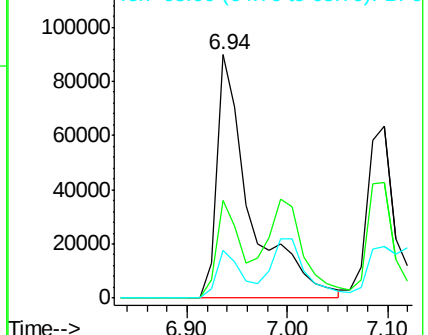
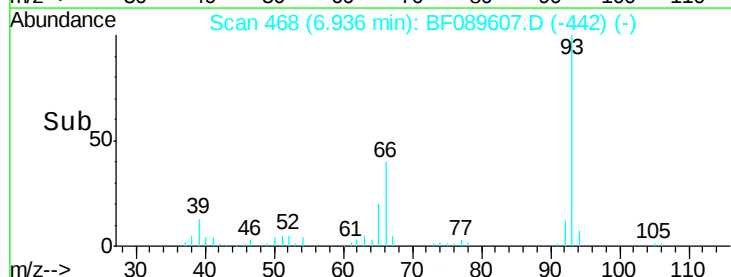
65 19.8 15.8 23.8



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: 80.71 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089607.D

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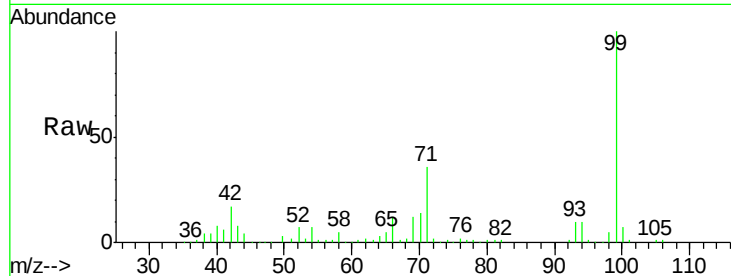
Tgt Ion: 99 Resp: 311090

Ion Ratio Lower Upper

99 100

42 16.7 13.7 20.5

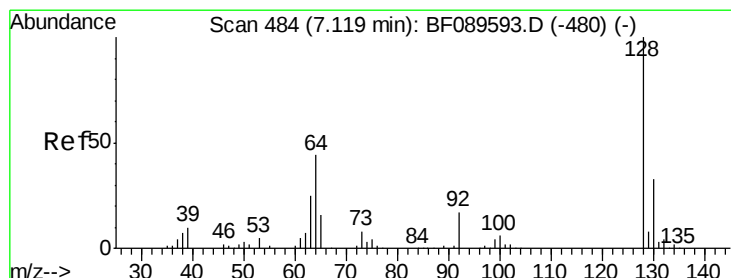
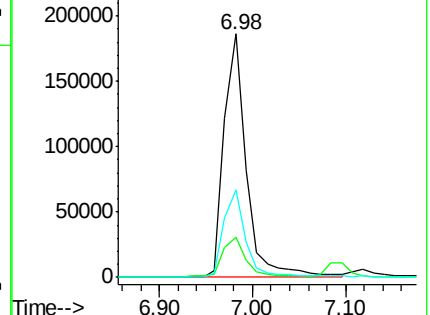
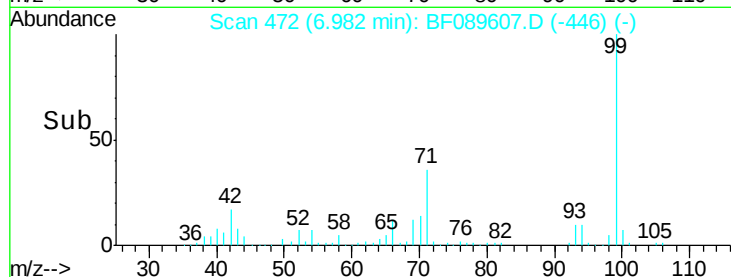
71 36.1 29.0 43.4



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: 40.64 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

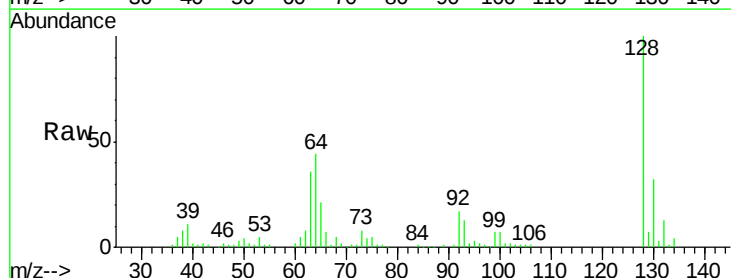
Tgt Ion: 128 Resp: 141759

Ion Ratio Lower Upper

128 100

130 32.2 12.6 52.6

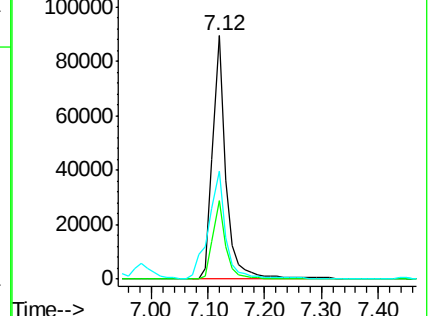
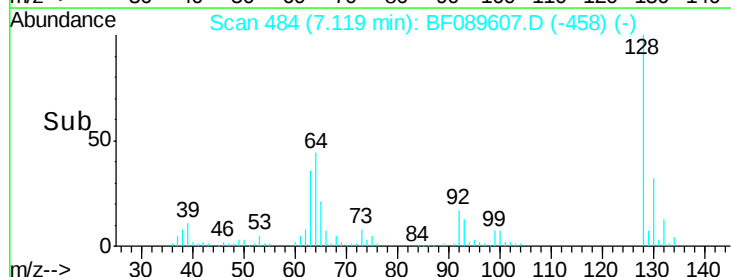
64 44.2 25.3 65.3

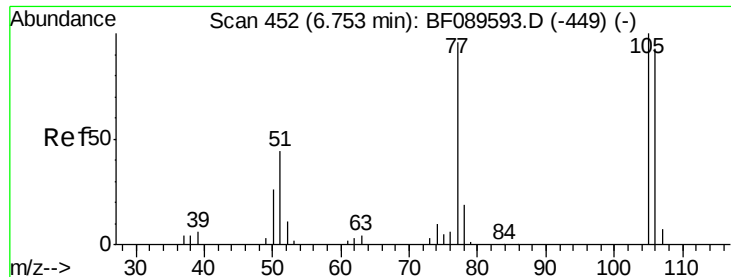


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

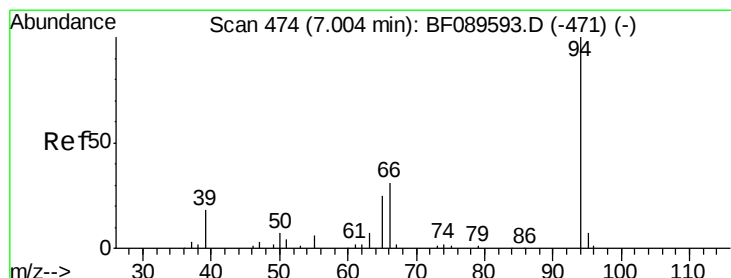
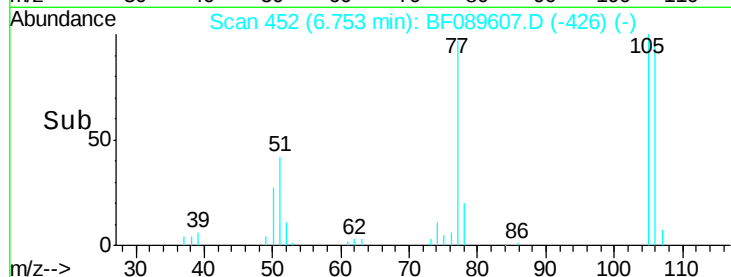
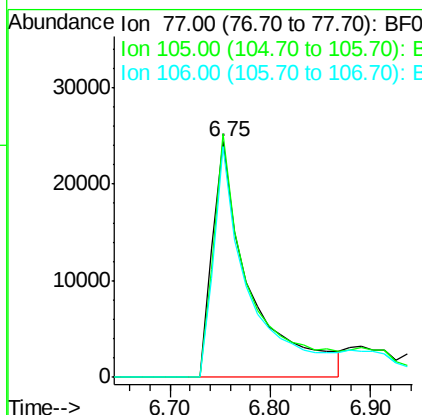
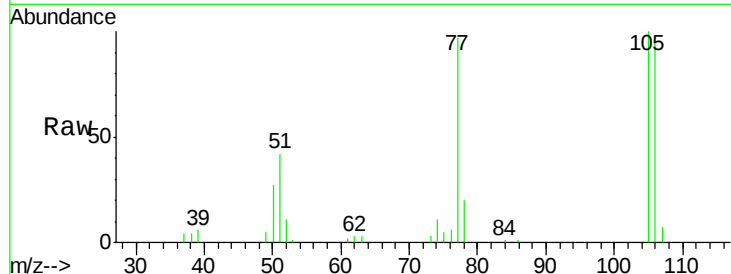




#9
Benzaldehyde
Concen: 46.28 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.00 min
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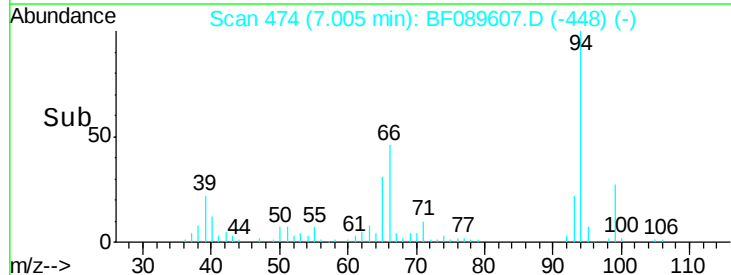
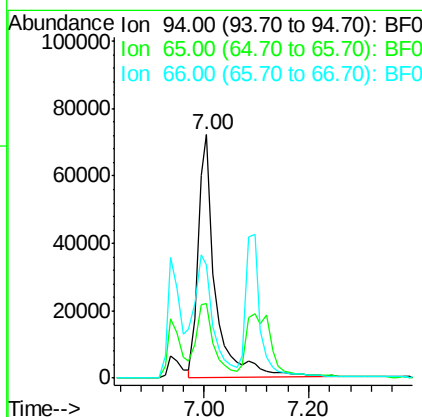
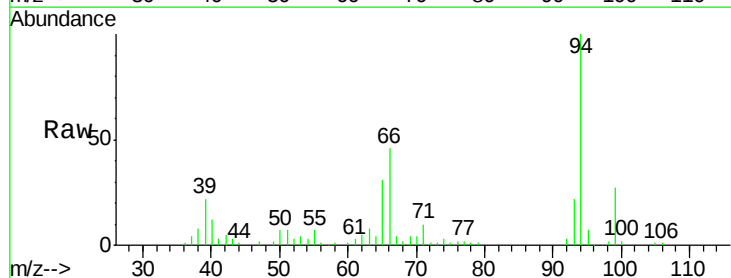
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ClientSampleId :
SSTDCCC040

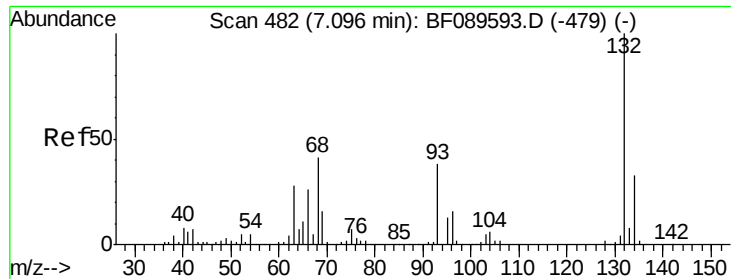
Tgt Ion: 77 Resp: 64712
Ion Ratio Lower Upper
77 100
105 103.3 84.7 124.7
106 97.9 77.1 117.1



#10
Phenol
Concen: 41.52 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

Tgt Ion: 94 Resp: 164283
Ion Ratio Lower Upper
94 100
65 30.5 11.0 51.0
66 46.3 27.4 67.4

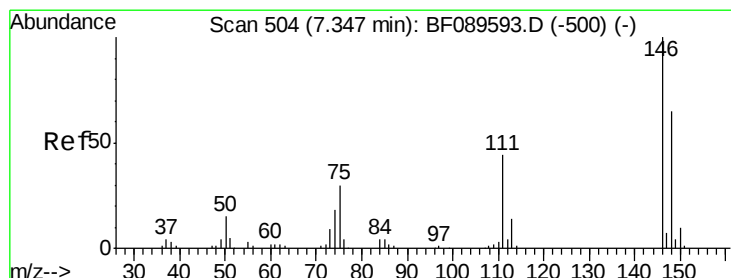
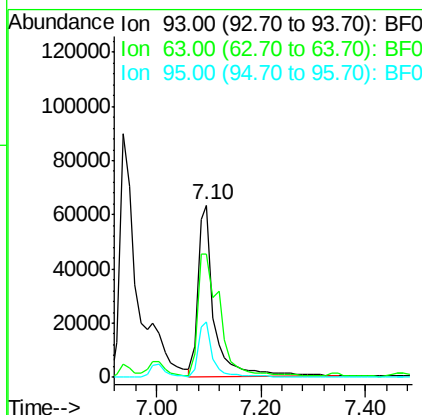
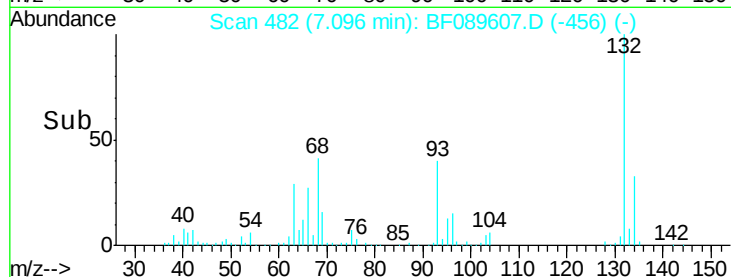
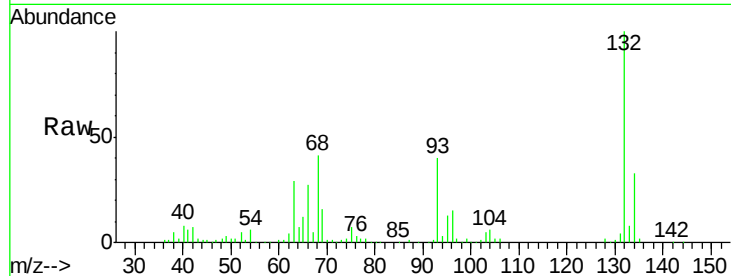




#11
bis(2-Chloroethyl)ether
Concen: 39.69 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.00 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

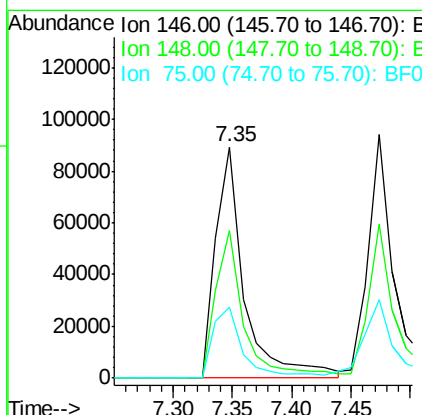
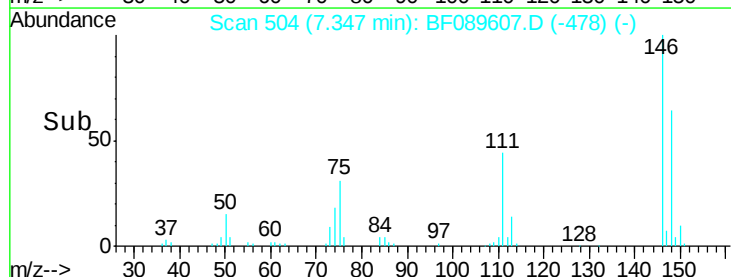
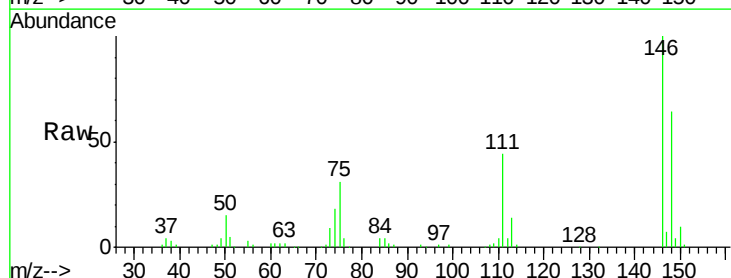
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

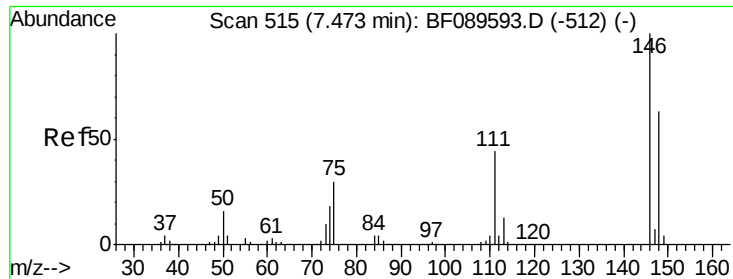
Tgt Ion: 93 Resp: 134938
Ion Ratio Lower Upper
93 100
63 71.6 52.2 92.2
95 32.3 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 39.22 ng
RT: 7.35 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

Tgt Ion: 146 Resp: 148598
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
75 30.6 24.1 36.1

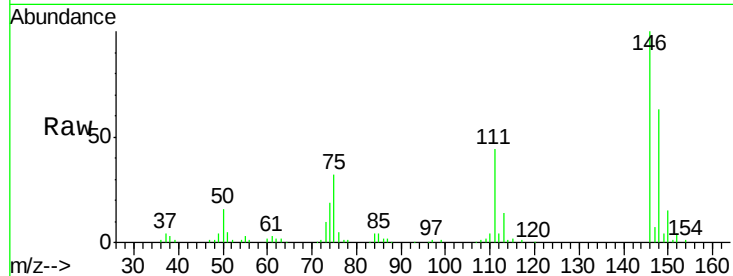




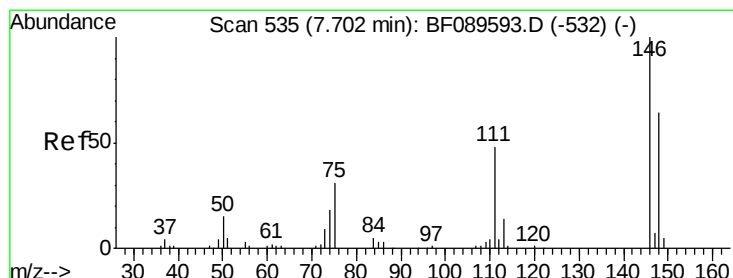
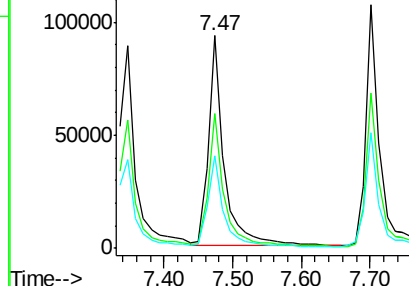
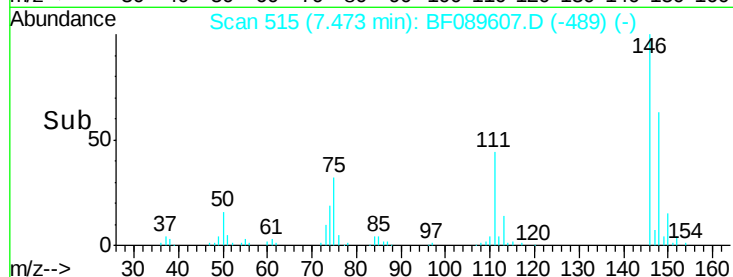
#13
 1,4-Dichlorobenzene
 Concen: 38.35 ng
 RT: 7.47 min Scan# 515
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 144928
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 43.5 35.0 52.4

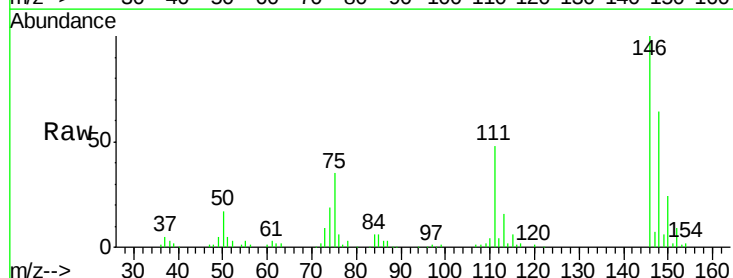


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

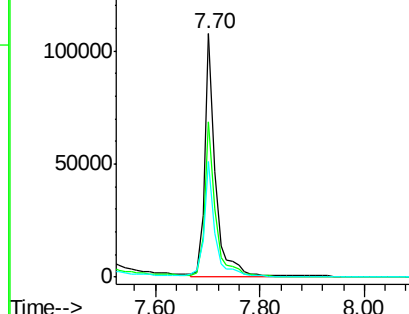
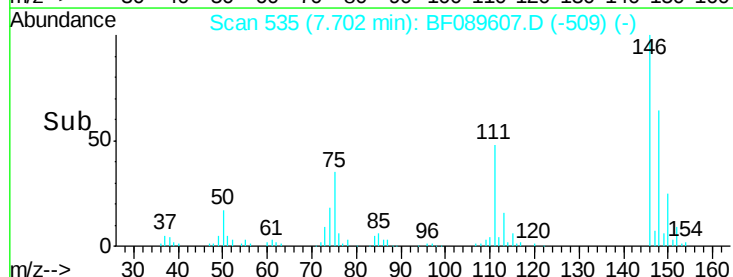


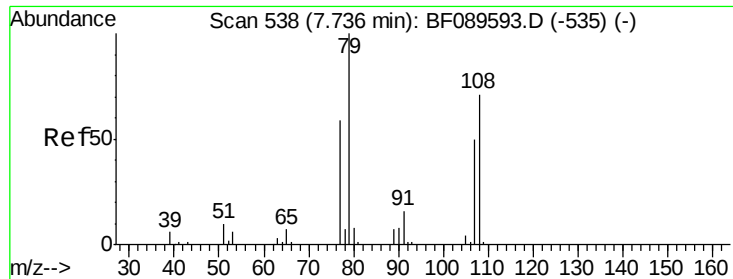
#14
 1,2-Dichlorobenzene
 Concen: 38.21 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion:146 Resp: 152197
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 47.7 38.5 57.7



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





#15

Benzyl Alcohol

Concen: 40.37 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

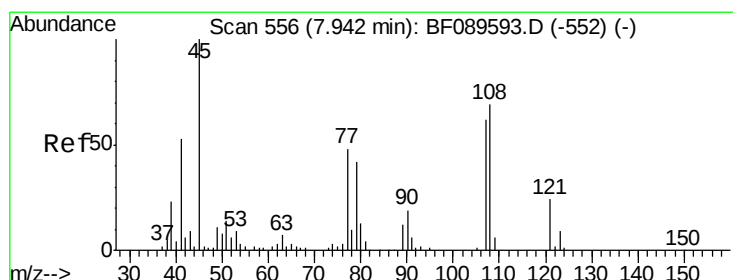
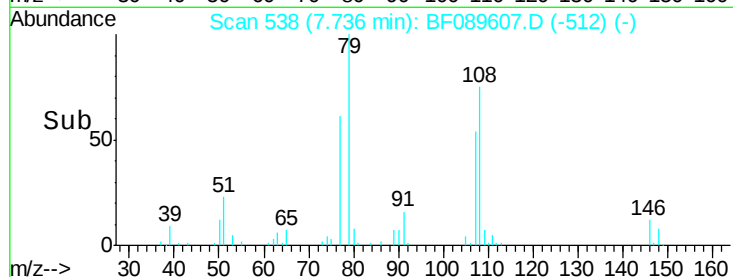
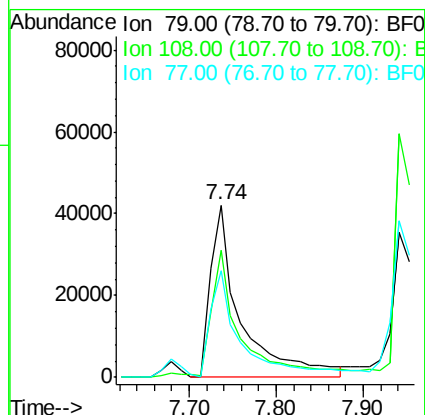
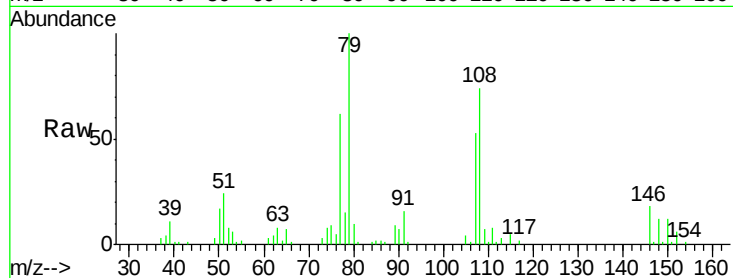
Tgt Ion: 79 Resp: 102037

Ion Ratio Lower Upper

79 100

108 74.2 58.3 87.5

77 62.3 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.33 ng

RT: 7.94 min Scan# 556

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

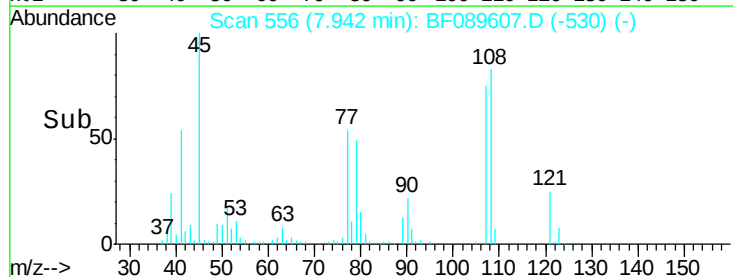
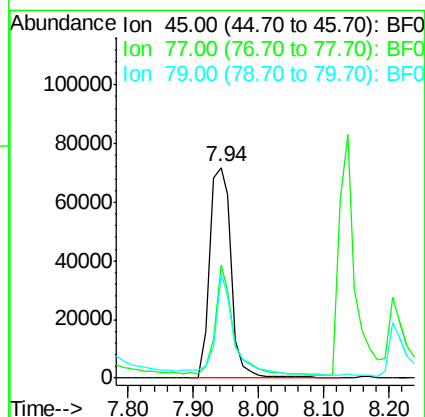
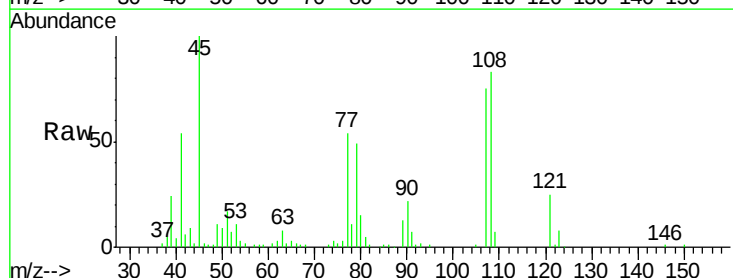
Tgt Ion: 45 Resp: 165941

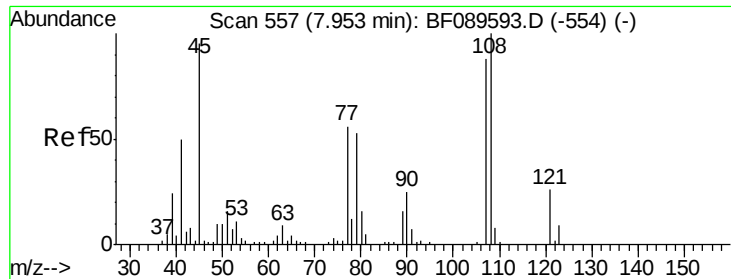
Ion Ratio Lower Upper

45 100

77 53.6 30.1 70.1

79 49.2 25.5 65.5

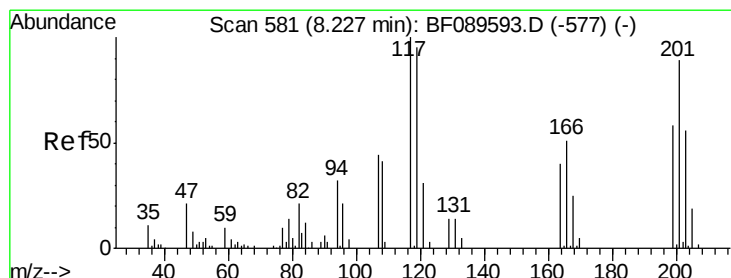
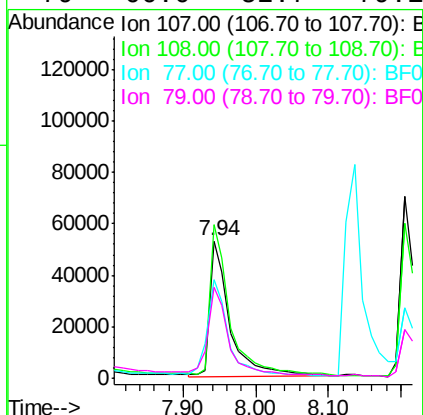
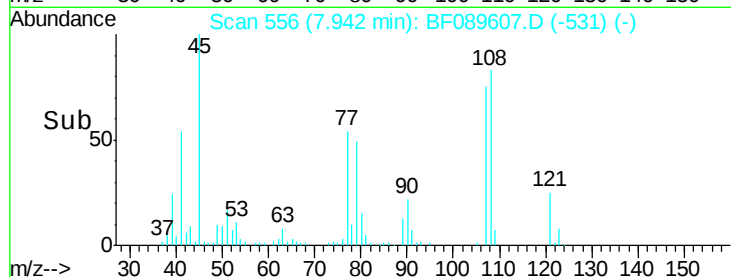
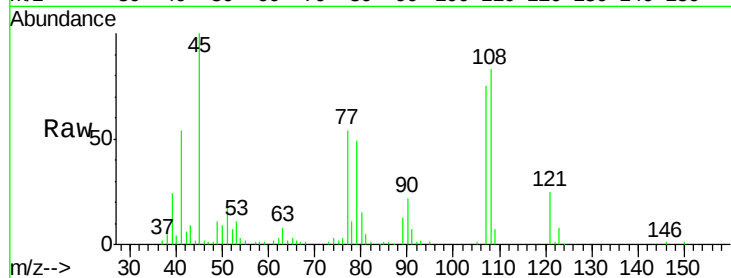




#17
2-Methylphenol
Concen: 40.51 ng
RT: 7.94 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

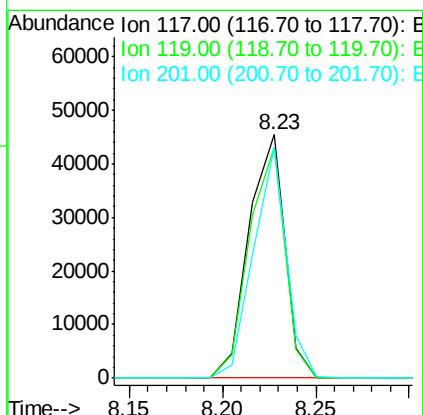
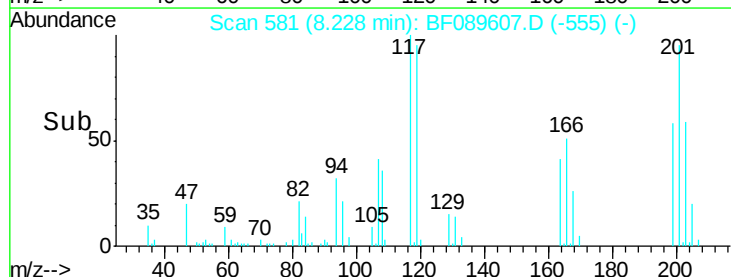
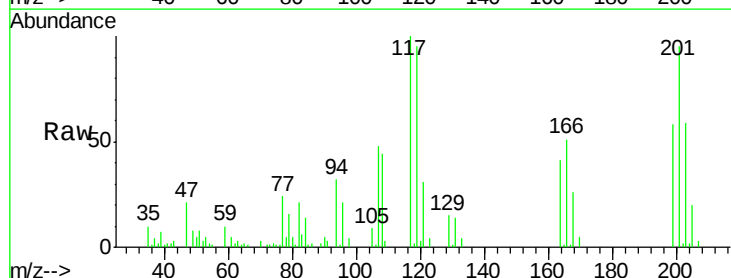
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

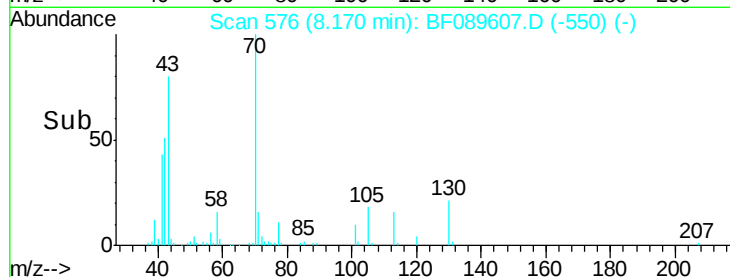
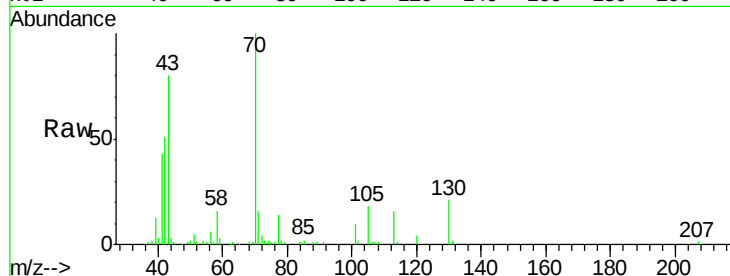
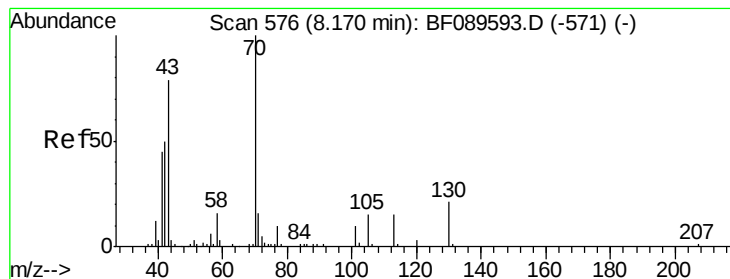
Tgt Ion:107 Resp: 102063
Ion Ratio Lower Upper
107 100
108 111.3 91.2 136.8
77 71.9 54.6 82.0
79 66.0 52.7 79.1



#18
Hexachloroethane
Concen: 38.07 ng
RT: 8.23 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

Tgt Ion:117 Resp: 60622
Ion Ratio Lower Upper
117 100
119 94.7 75.7 113.5
201 94.6 71.6 107.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.94 ng

RT: 8.17 min Scan# 576

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 111214

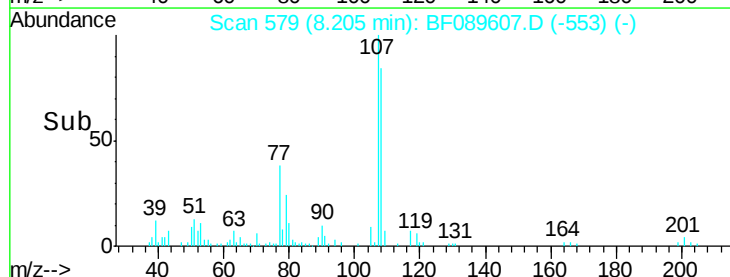
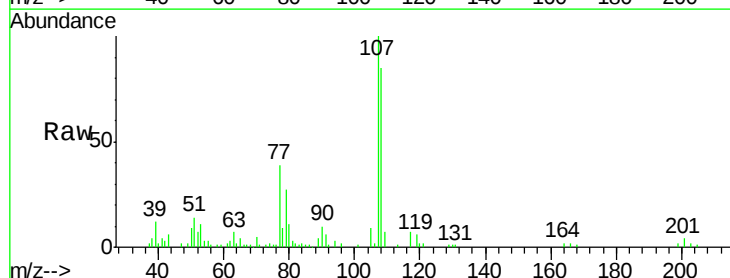
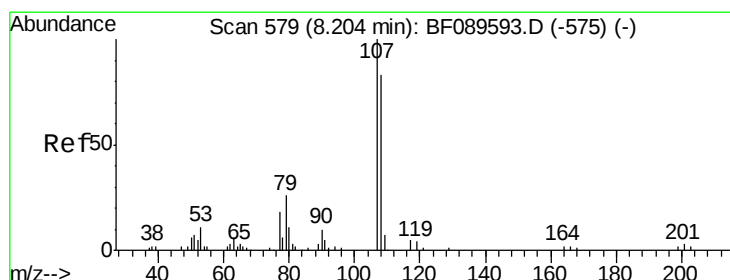
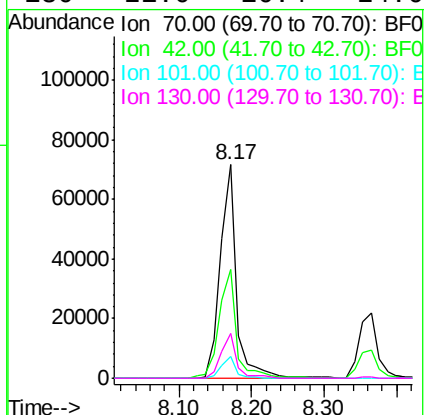
Ion Ratio Lower Upper

70 100

42 51.0 40.2 60.2

101 10.0 7.8 11.6

130 21.0 16.4 24.6



#20

3+4-Methylphenols

Concen: 41.42 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Tgt Ion: 107 Resp: 131710

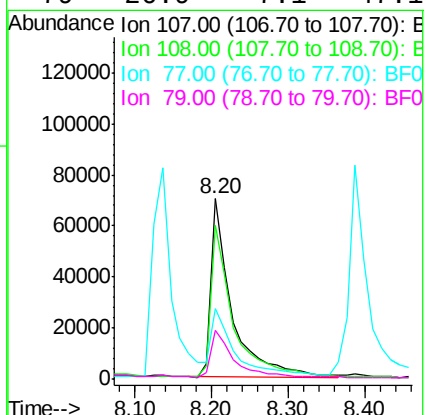
Ion Ratio Lower Upper

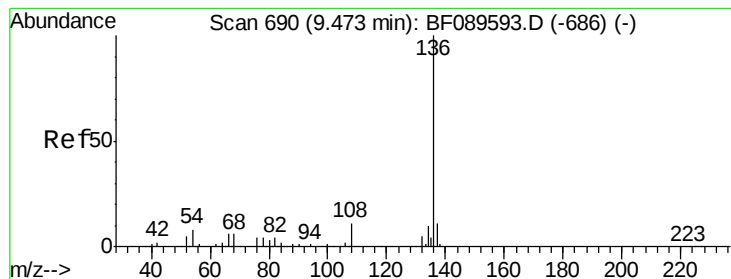
107 100

108 84.9 63.8 103.8

77 39.0 19.5 59.5

79 26.9 7.1 47.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 207861

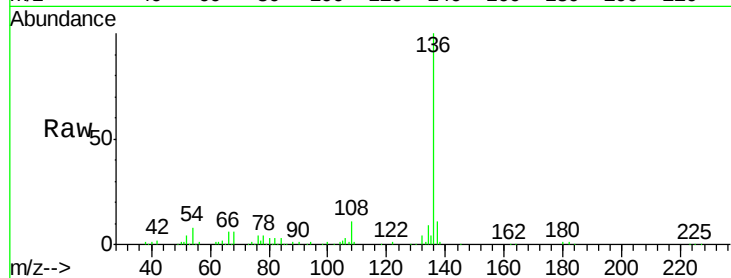
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 7.9 6.0 9.0

68 5.7 4.6 6.8

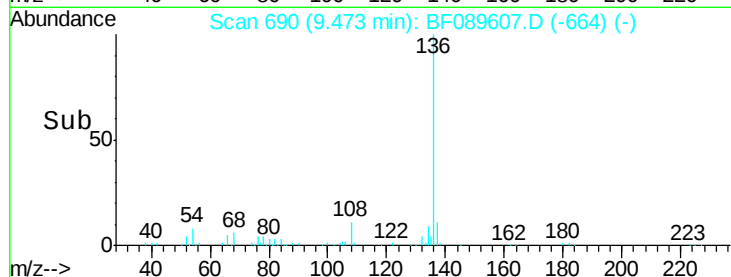


Abundance Ion 136.00 (135.70 to 136.70): E

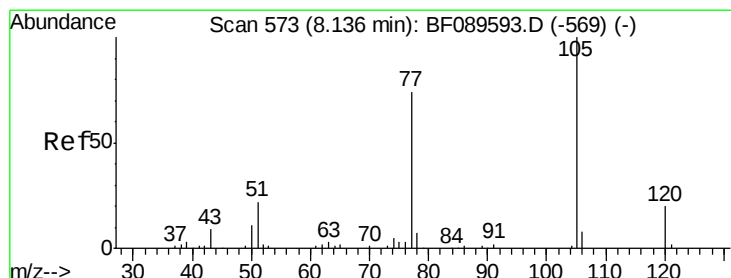
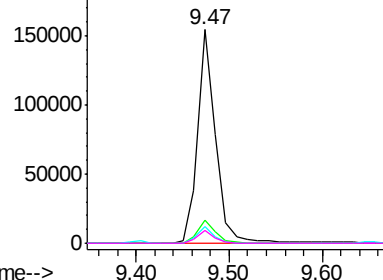
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 43.07 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Tgt Ion:105 Resp: 213443

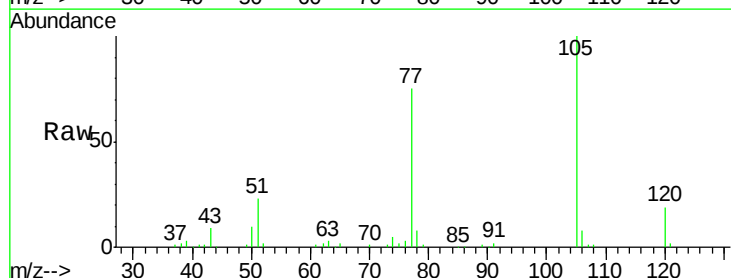
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 22.6 18.2 27.2

120 19.1 15.7 23.5

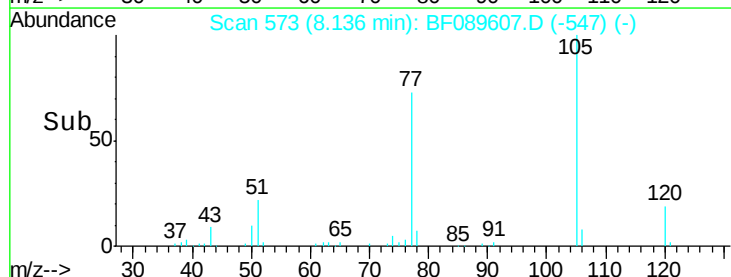


Abundance Ion 105.00 (104.70 to 105.70): E

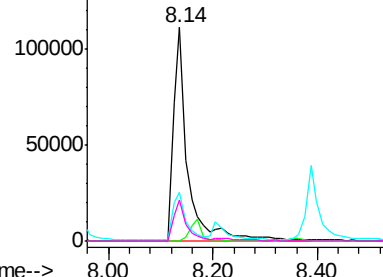
Ion 71.00 (70.70 to 71.70): BF0

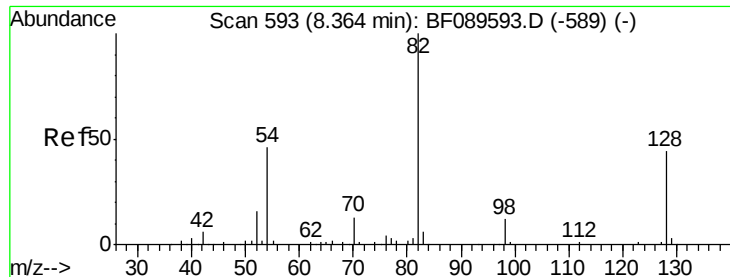
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

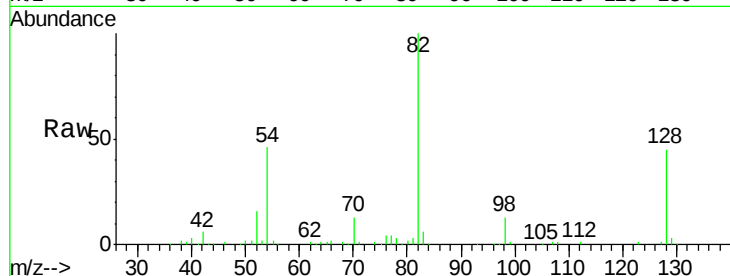




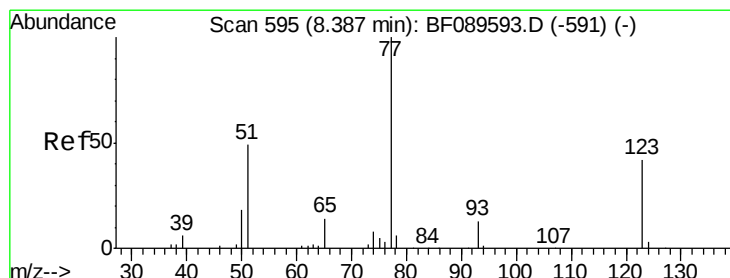
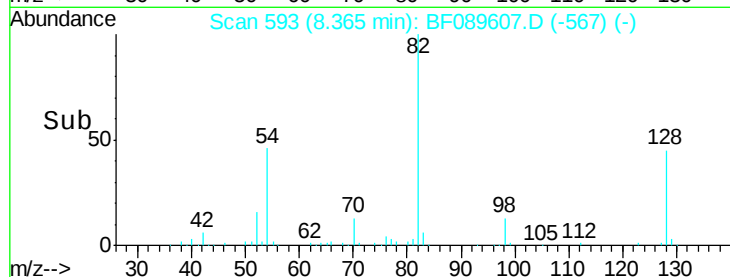
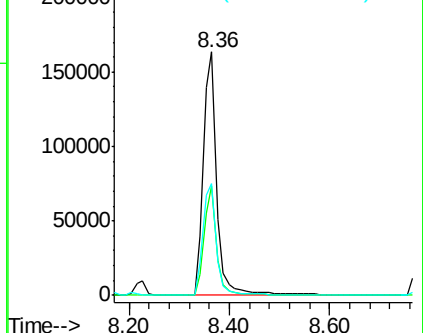
#23
 Nitrobenzene-d5
 Concen: 80.98 ng
 RT: 8.36 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 304311
 Ion Ratio Lower Upper
 82 100
 128 44.9 35.4 53.0
 54 46.0 36.4 54.6

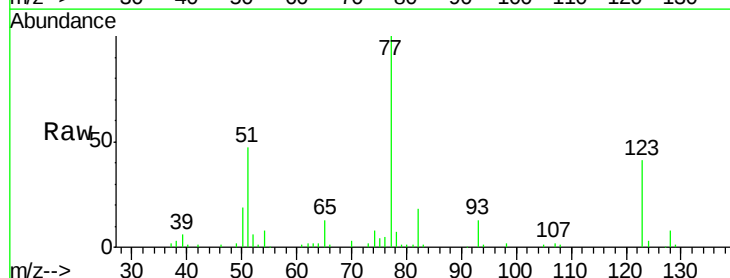


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

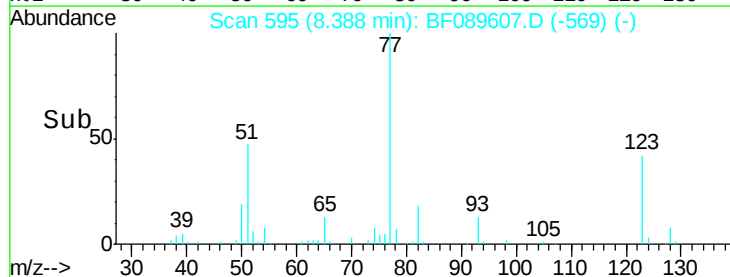
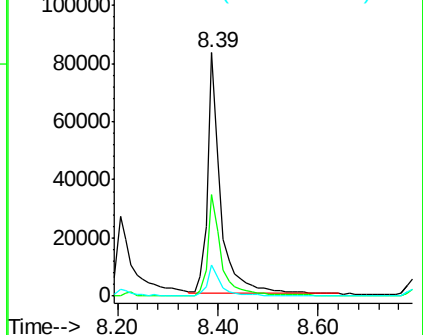


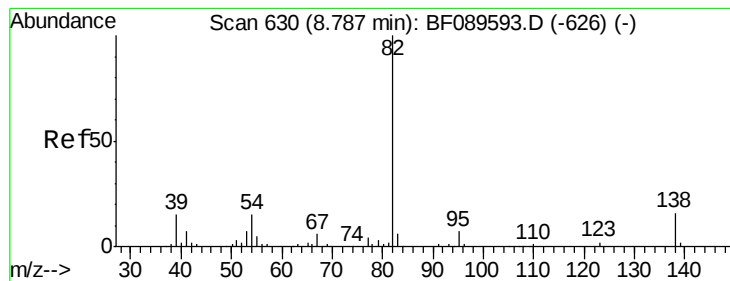
#24
 Nitrobenzene
 Concen: 41.80 ng
 RT: 8.39 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion: 77 Resp: 149195
 Ion Ratio Lower Upper
 77 100
 123 41.5 32.6 49.0
 65 13.0 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.79 ng

RT: 8.79 min Scan# 630

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

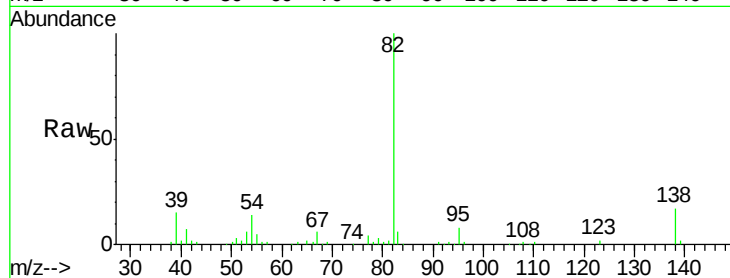
Tgt Ion: 82 Resp: 271936

Ion Ratio Lower Upper

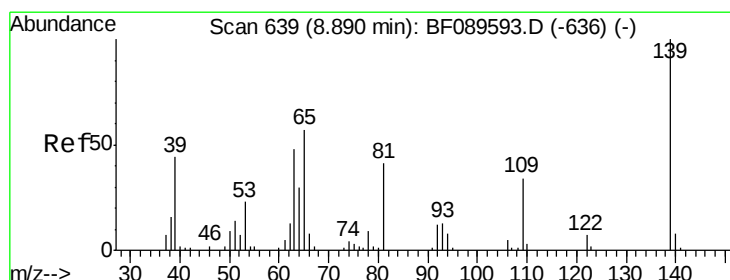
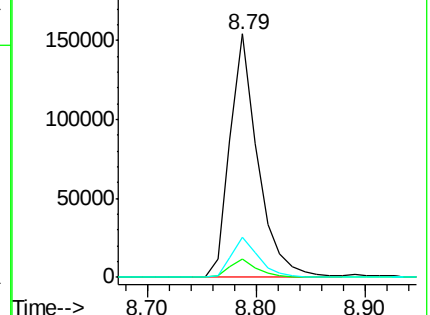
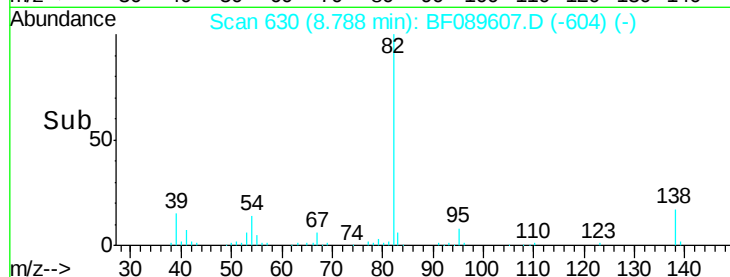
82 100

95 7.5 5.8 8.8

138 16.7 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.94 ng

RT: 8.89 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

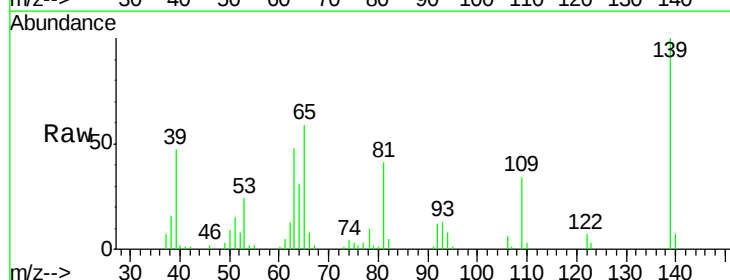
Tgt Ion: 139 Resp: 65429

Ion Ratio Lower Upper

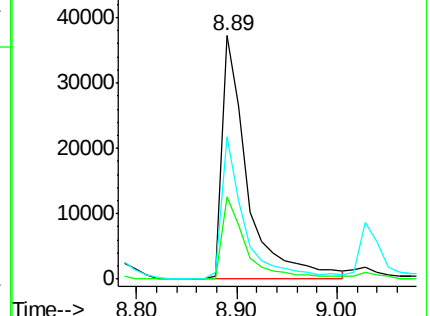
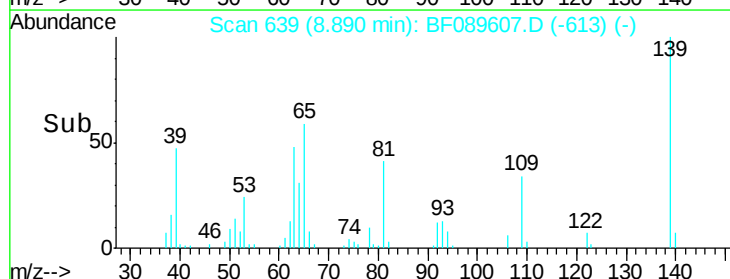
139 100

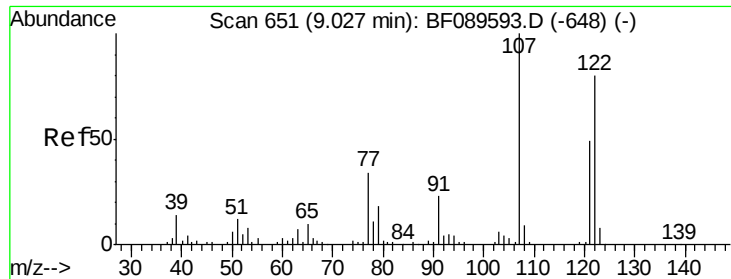
109 34.1 27.5 41.3

65 58.5 45.7 68.5



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

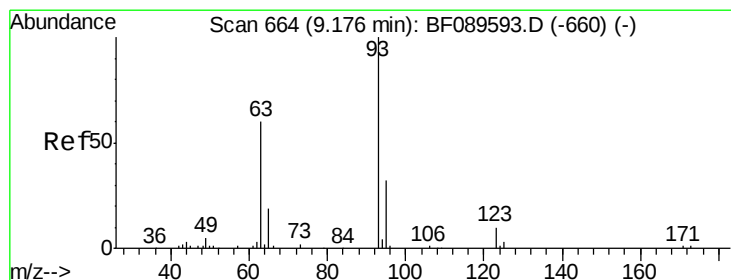
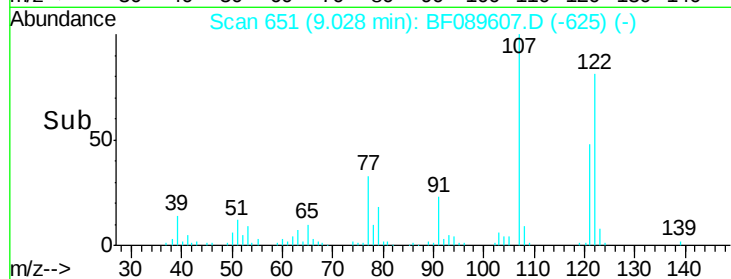
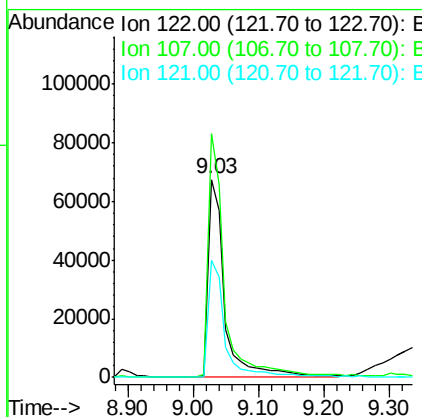
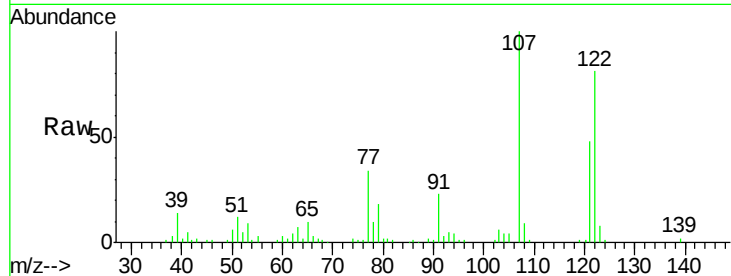




#27
 2,4-Dimethylphenol
 Concen: 41.38 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

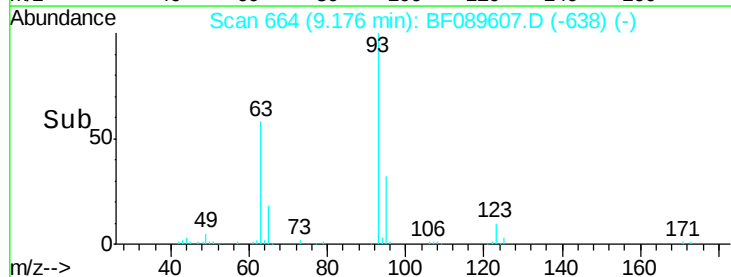
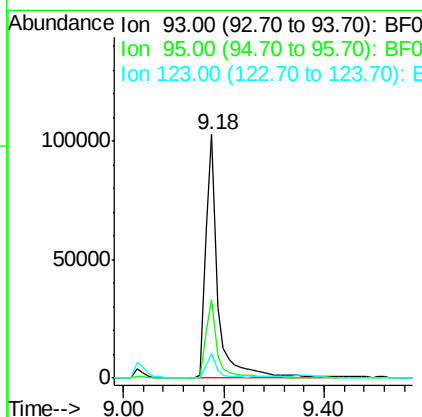
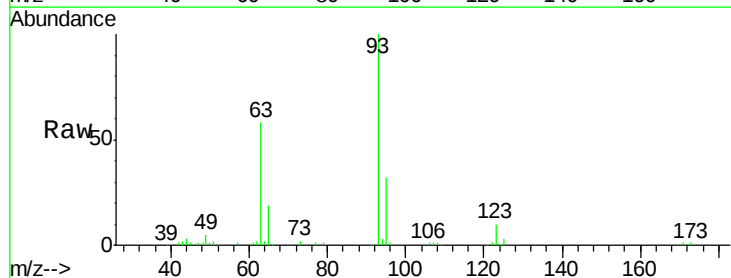
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

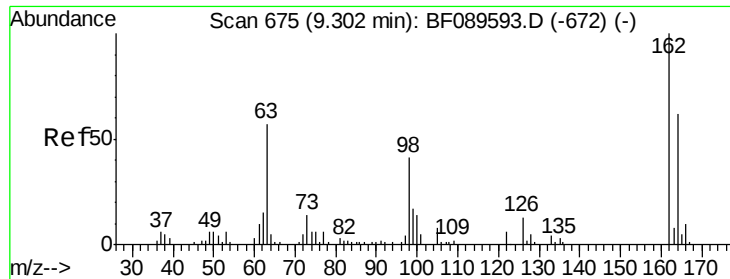
Tgt Ion:122 Resp: 121873
 Ion Ratio Lower Upper
 122 100
 107 123.0 99.5 149.3
 121 59.1 48.5 72.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.20 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion: 93 Resp: 175023
 Ion Ratio Lower Upper
 93 100
 95 32.3 25.8 38.8
 123 10.3 8.0 12.0

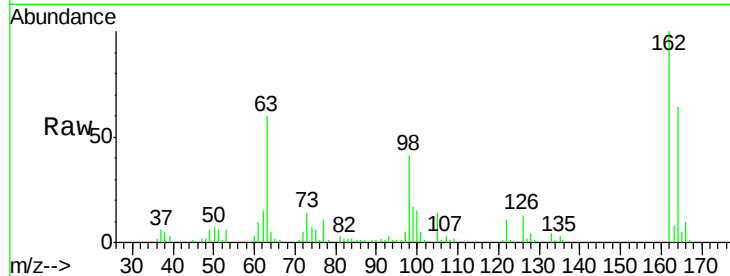




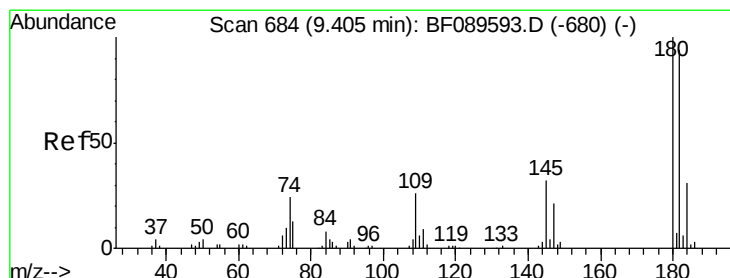
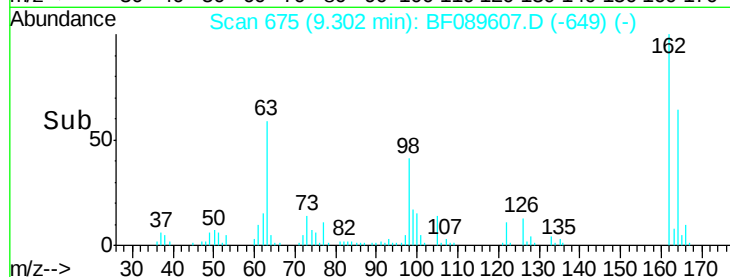
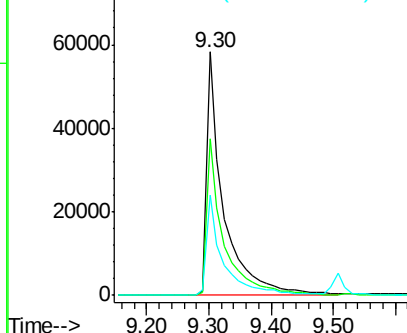
#29
 2,4-Dichlorophenol
 Concen: 39.06 ng
 RT: 9.30 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.3	82.3
98	41.1	21.2	61.2

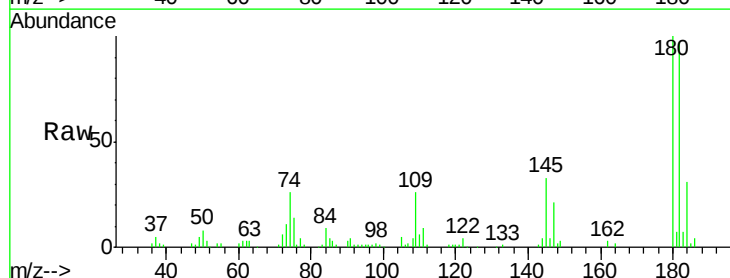


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

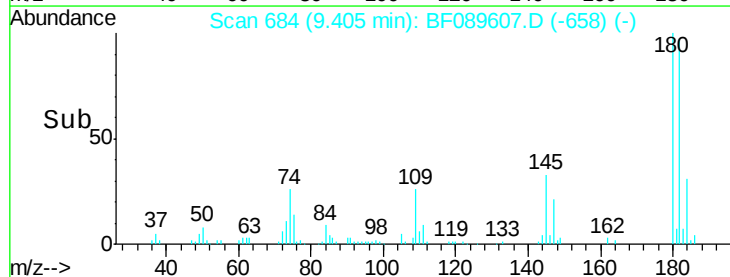
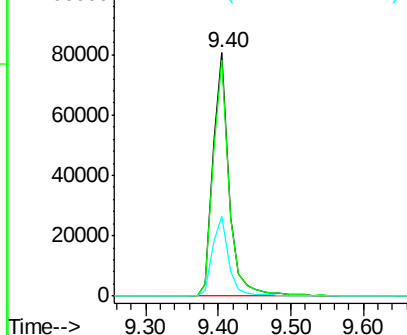


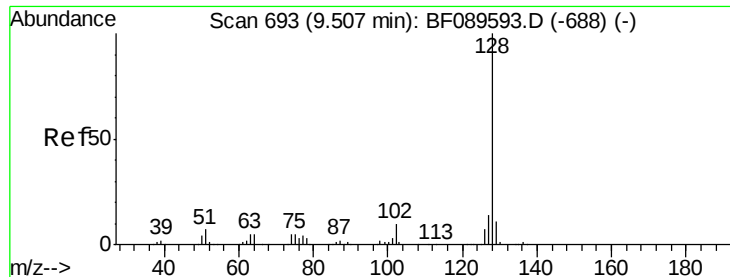
#30
 1,2,4-Trichlorobenzene
 Concen: 39.03 ng
 RT: 9.40 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.0	112.6
145	32.8	25.6	38.4



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

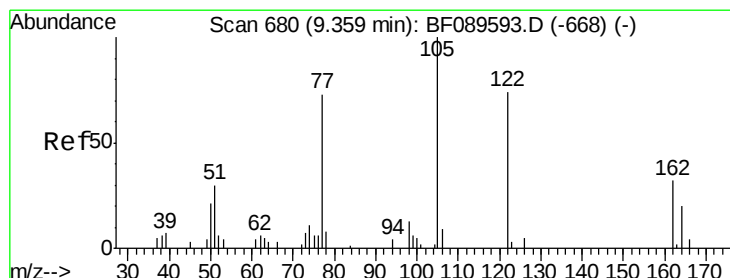
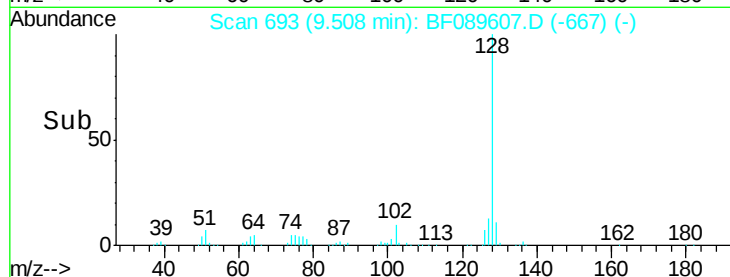
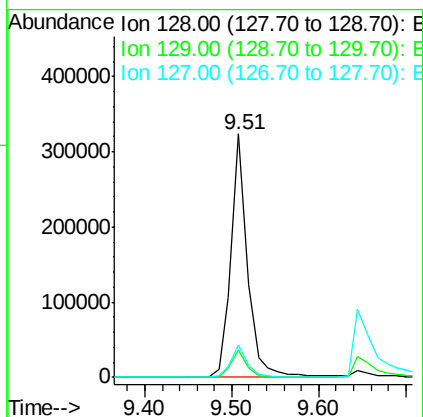
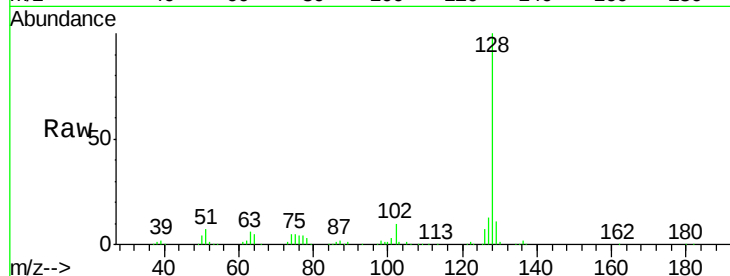




#31
Naphthalene
Concen: 38.93 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

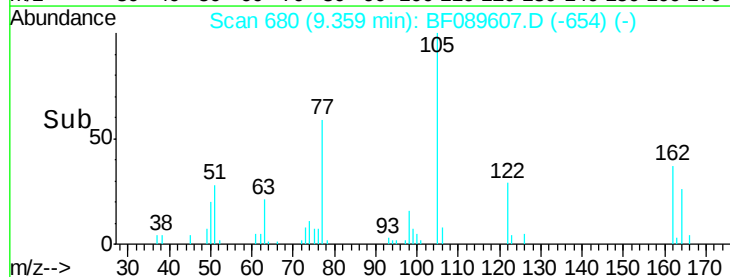
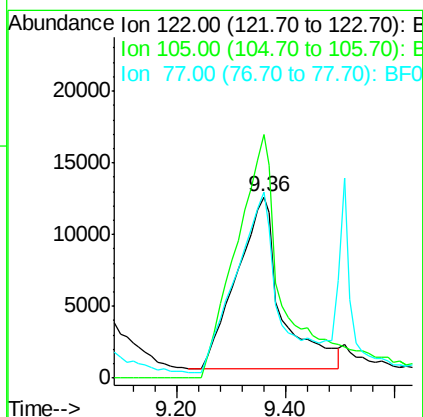
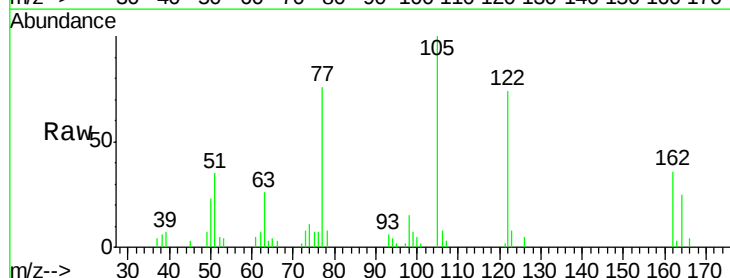
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

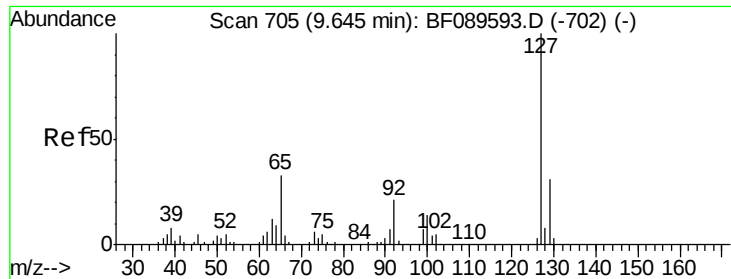
Tgt Ion:128 Resp: 430107
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 36.98 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF089607.D
Acq: 5 Aug 2016 1:52

Tgt Ion:122 Resp: 68432
Ion Ratio Lower Upper
122 100
105 134.5 109.9 149.9
77 102.7 77.5 117.5

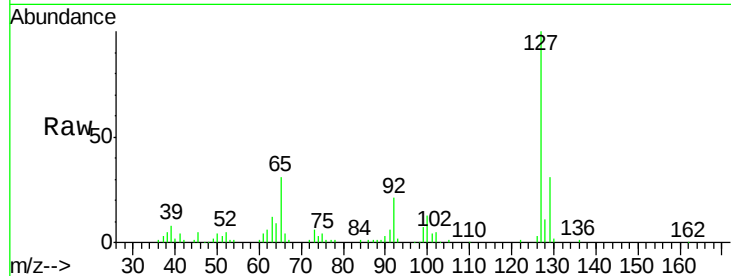




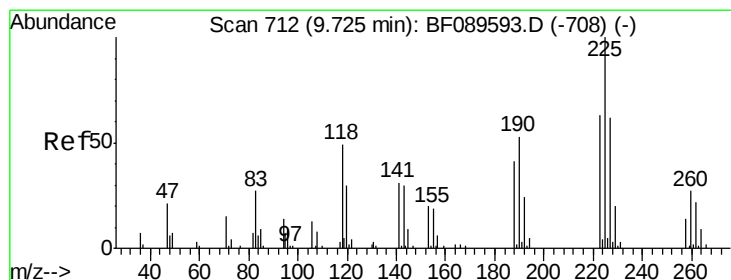
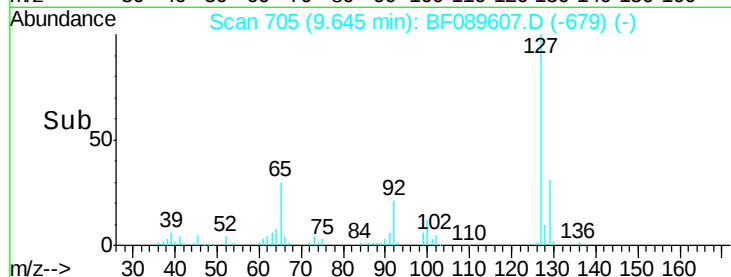
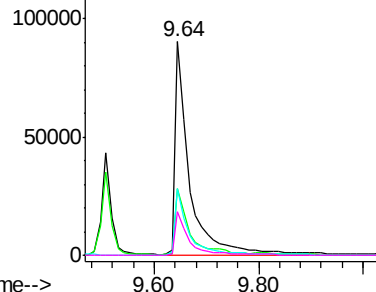
#33
 4-Chloroaniline
 Concen: 42.40 ng
 RT: 9.64 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	175918
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.1	37.7
65	31.2	26.2	39.2
92	20.7	16.9	25.3

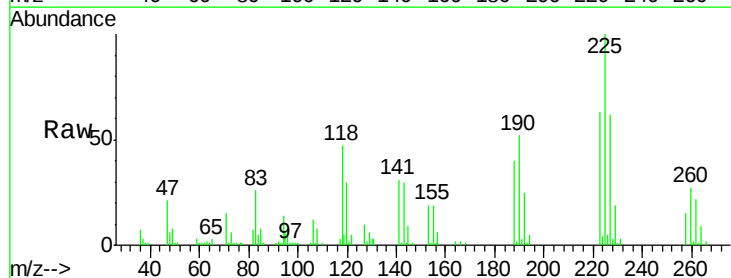


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

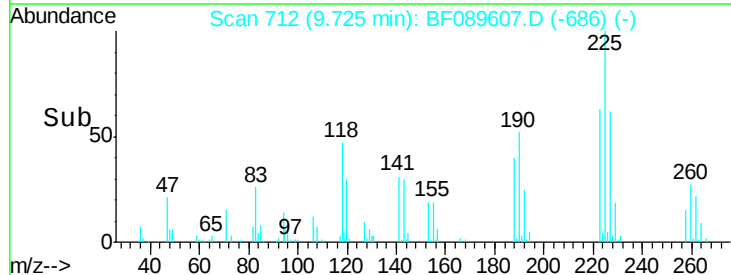
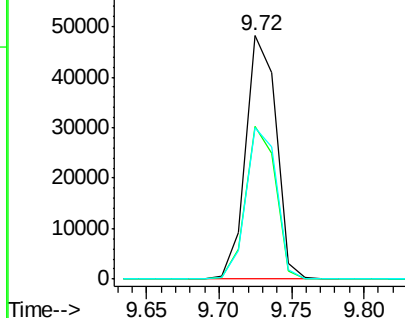


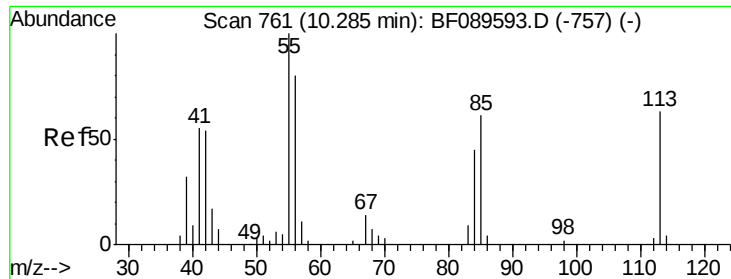
#34
 Hexachlorobutadiene
 Concen: 38.26 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion:	225	Resp:	70119
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.7	76.1
227	62.5	49.4	74.0



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

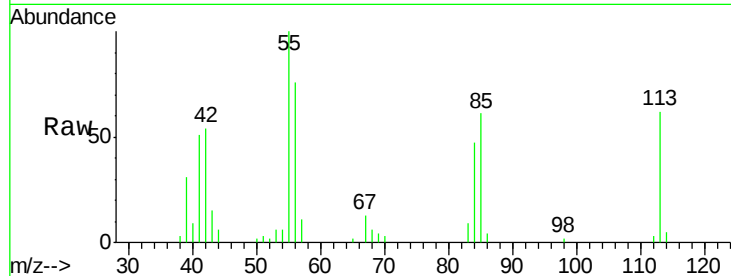




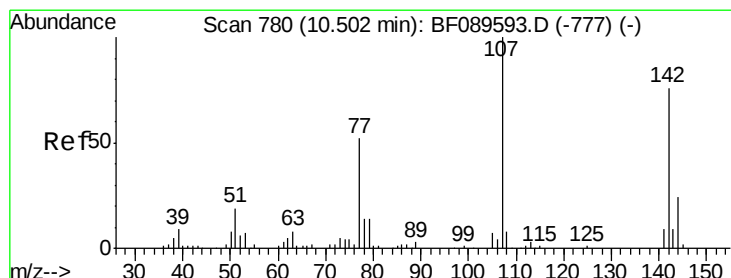
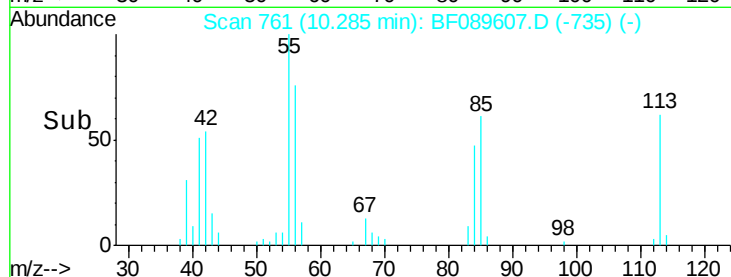
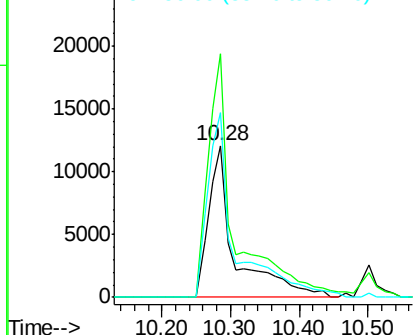
#35
 Caprolactam
 Concen: 39.87 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 32382
 Ion Ratio Lower Upper
 113 100
 55 160.5 139.6 179.6
 56 122.1 108.2 148.2

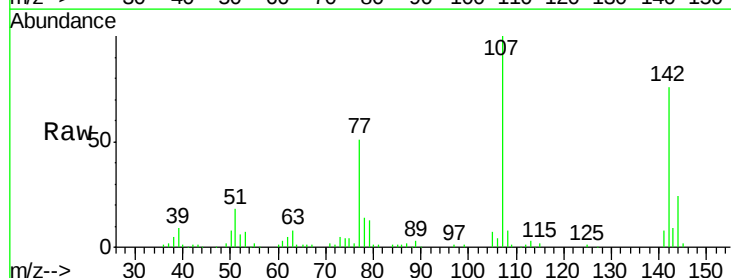


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

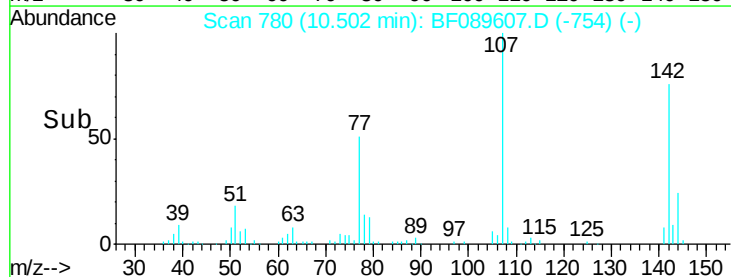
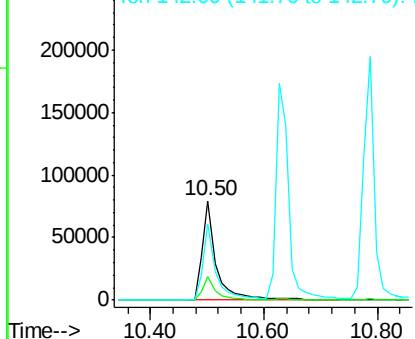


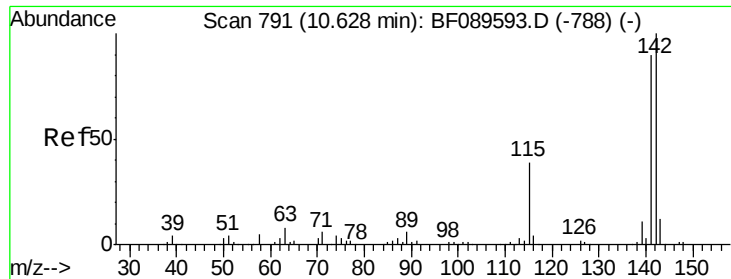
#36
 4-Chloro-3-methylphenol
 Concen: 41.15 ng
 RT: 10.50 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion:107 Resp: 133278
 Ion Ratio Lower Upper
 107 100
 144 24.1 18.9 28.3
 142 76.1 60.4 90.6



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

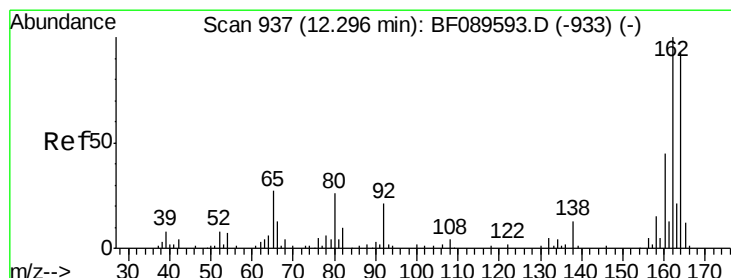
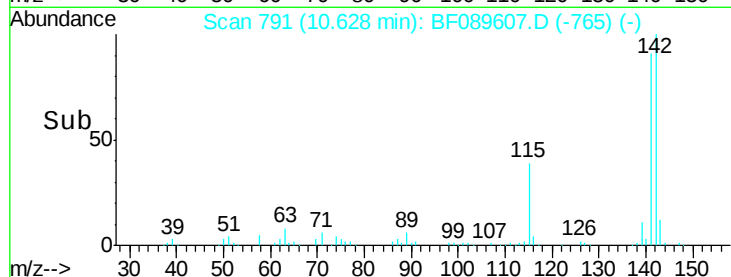
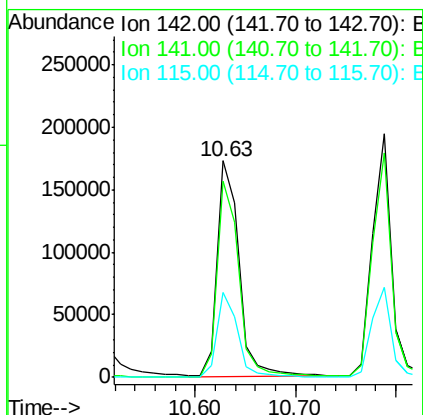
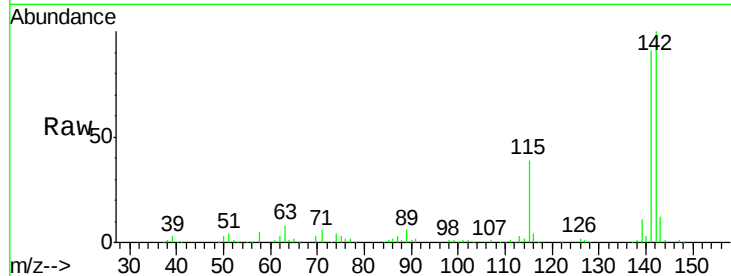




#37
 2-Methylnaphthalene
 Concen: 38.28 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

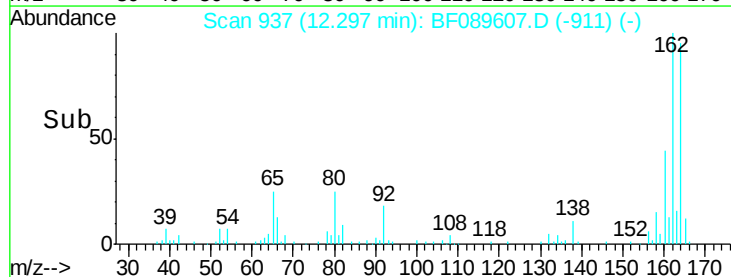
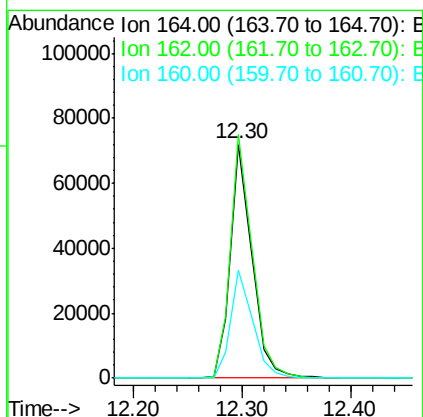
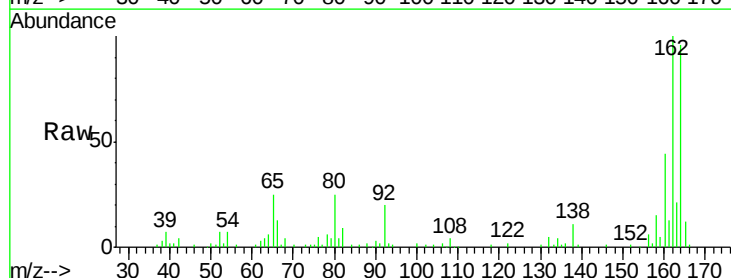
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

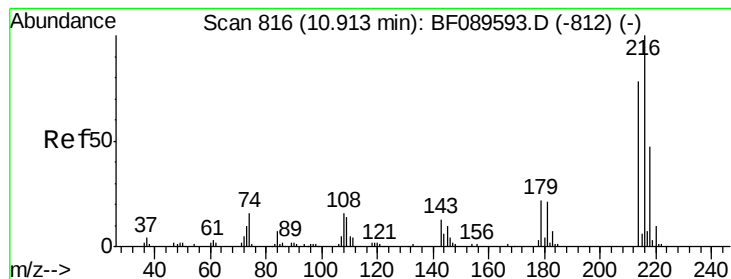
Tgt Ion:142 Resp: 260104
 Ion Ratio Lower Upper
 142 100
 141 90.8 71.8 107.6
 115 38.9 31.0 46.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.30 min Scan# 937
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion:164 Resp: 98671
 Ion Ratio Lower Upper
 164 100
 162 104.3 85.7 128.5
 160 46.3 38.2 57.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.83 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 143989

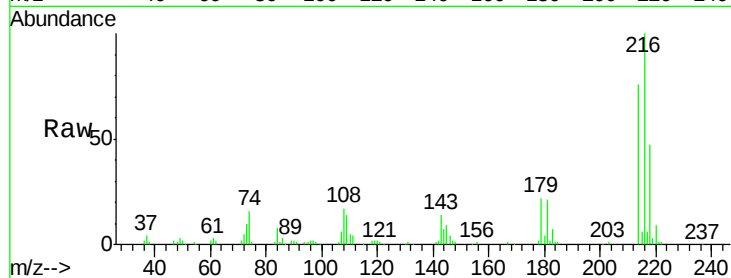
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 22.8 17.8 26.8

108 20.6 16.3 24.5

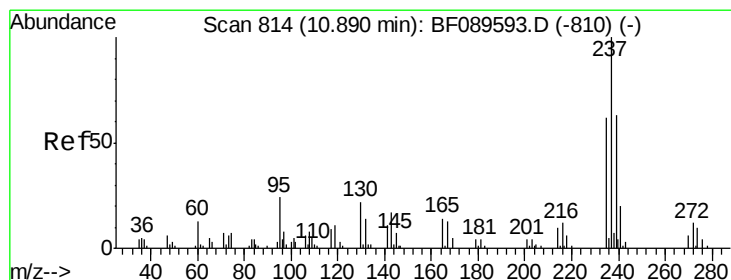
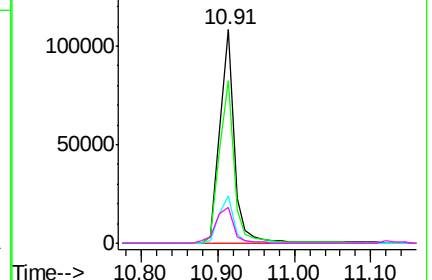
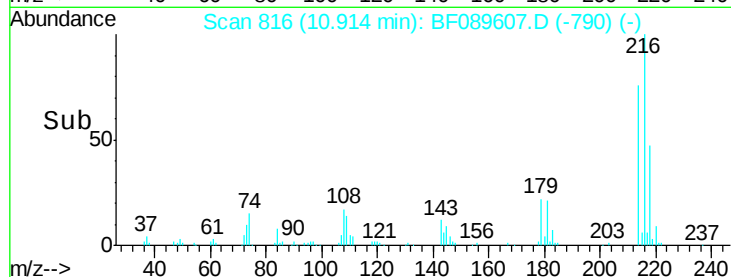


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.60 ng

RT: 10.89 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

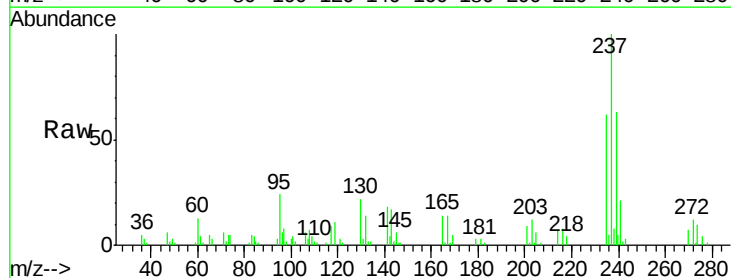
Tgt Ion:237 Resp: 47104

Ion Ratio Lower Upper

237 100

235 61.7 41.9 81.9

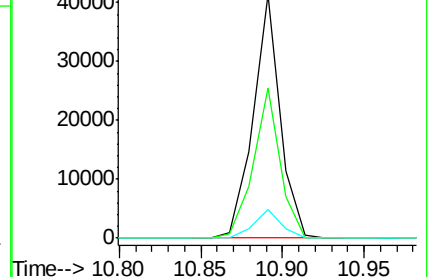
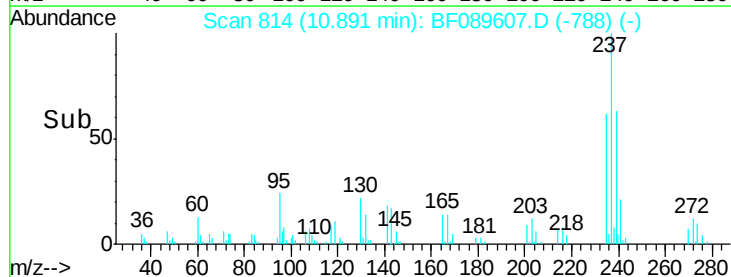
272 11.8 0.0 32.4

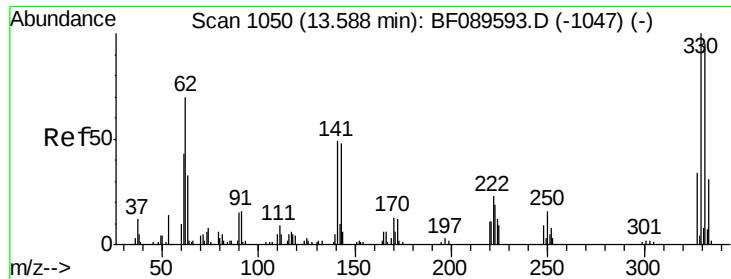


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

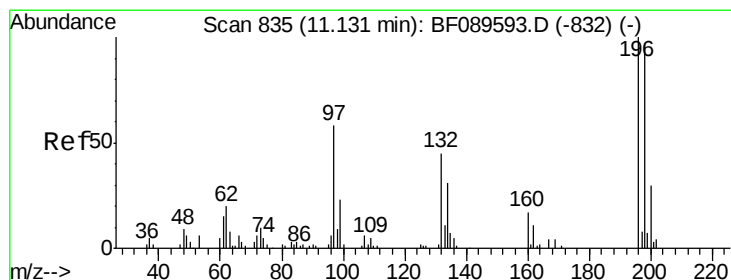
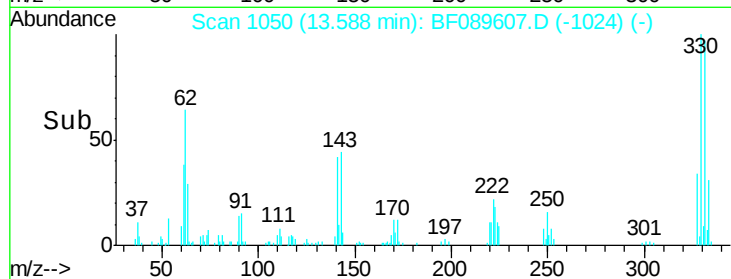
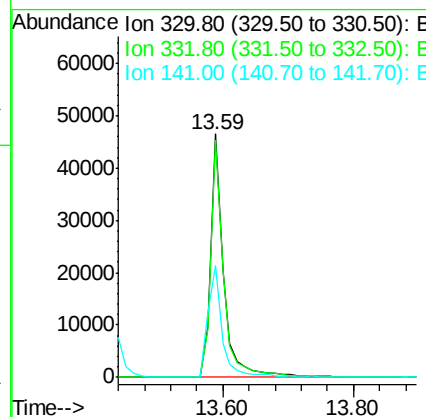
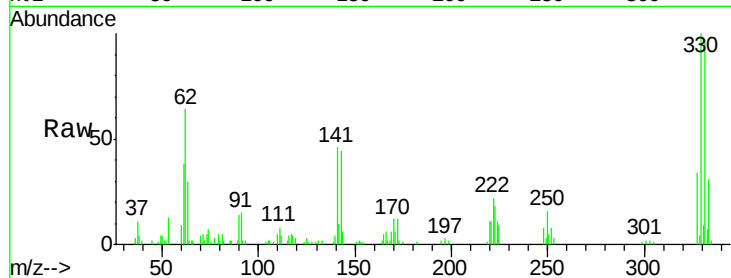




#41
 2,4,6-Tribromophenol
 Concen: 79.68 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

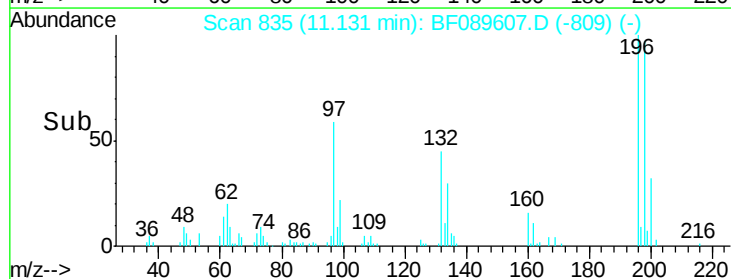
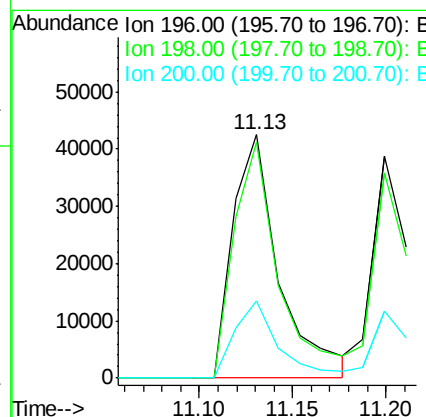
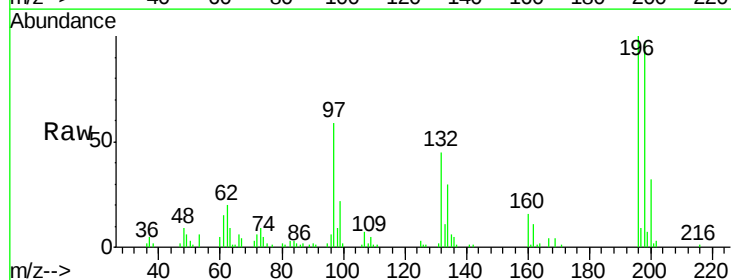
Instrument :
 BNA_F
 ClientSampleId :
 SSTDC040

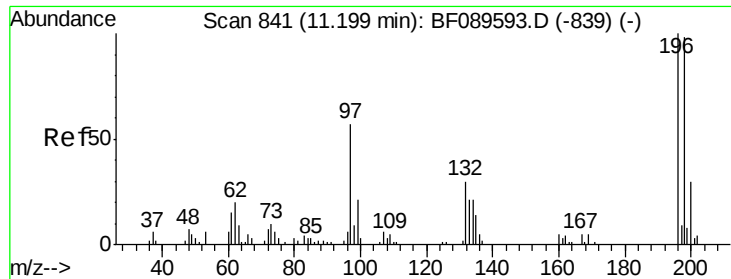
Tgt Ion: 330 Resp: 64881
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 49.8 38.6 57.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.19 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion: 196 Resp: 73517
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.6 116.4
 200 31.6 23.8 35.8

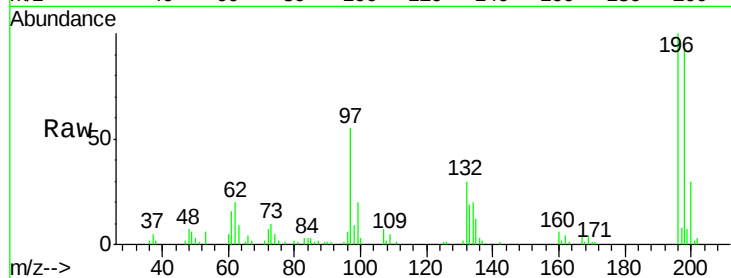




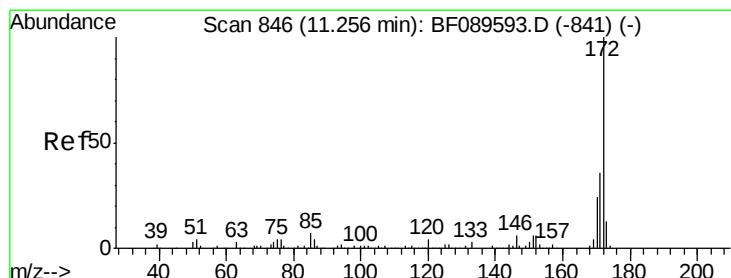
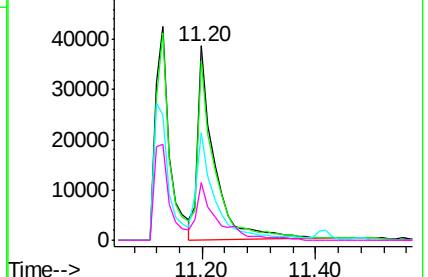
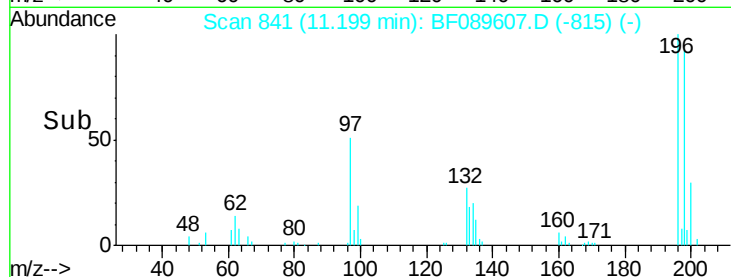
#43
 2,4,5-Trichlorophenol
 Concen: 39.60 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 77420
 Ion Ratio Lower Upper
 196 100
 198 92.4 77.8 116.6
 97 55.4 45.8 68.6
 132 29.7 25.1 37.7

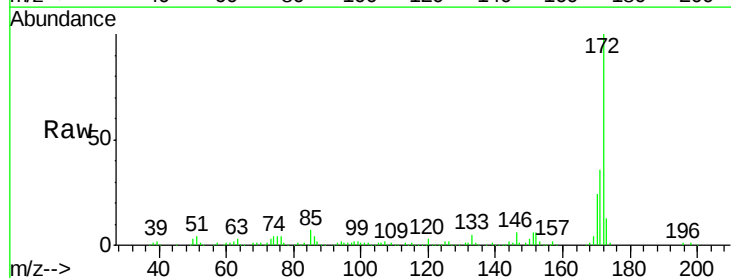


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

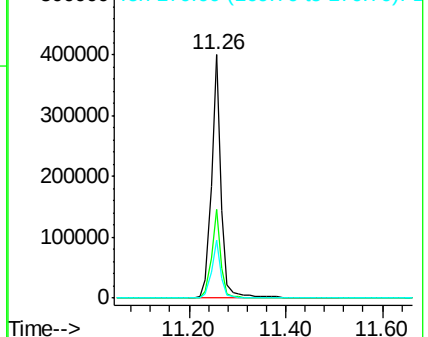
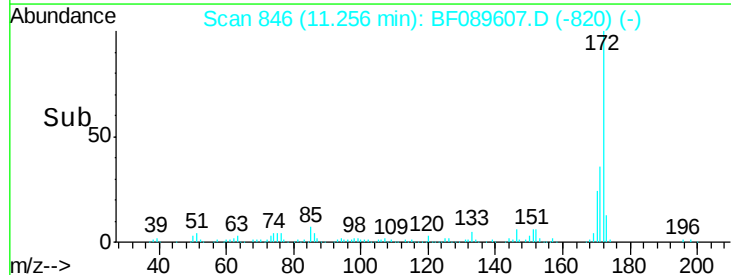


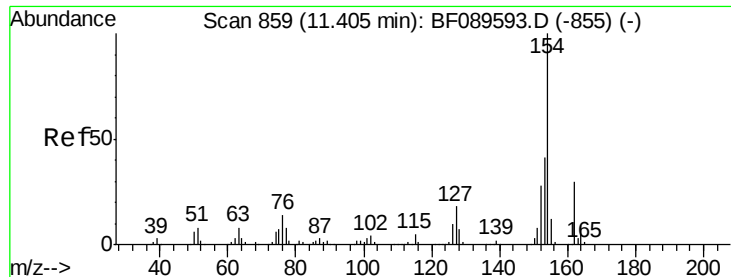
#44
 2-Fluorobiphenyl
 Concen: 74.68 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion:172 Resp: 567024
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.6 19.0 28.6



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

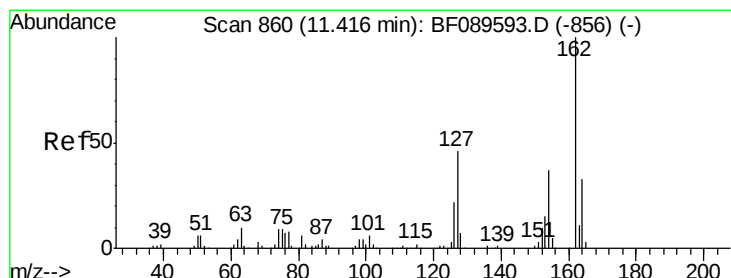
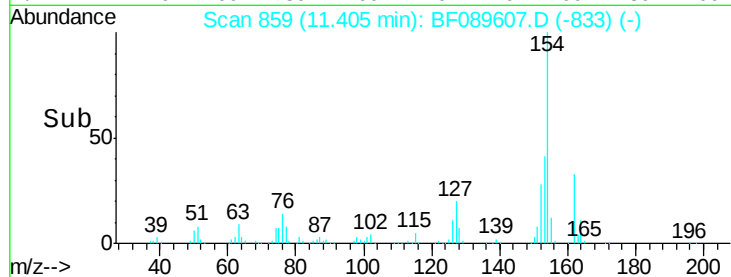
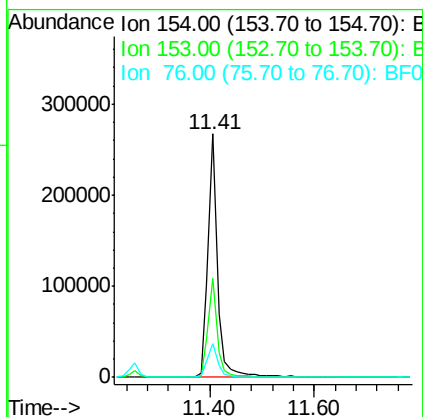
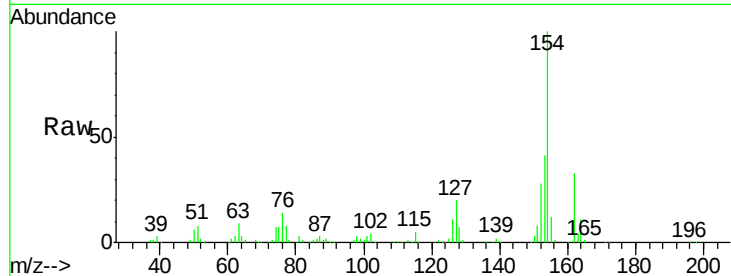




#45
 1,1'-Biphenyl
 Concen: 38.53 ng
 RT: 11.41 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

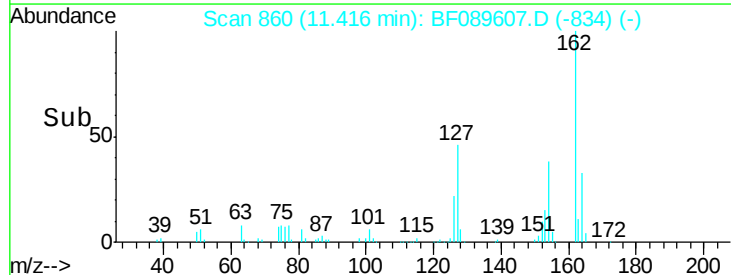
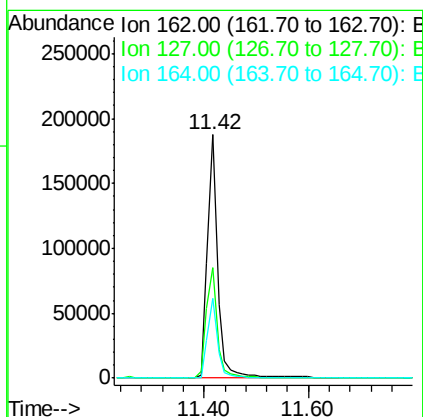
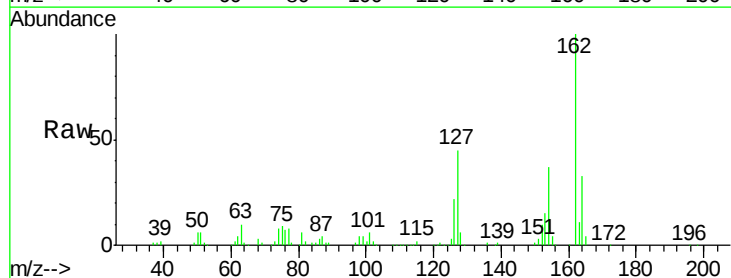
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

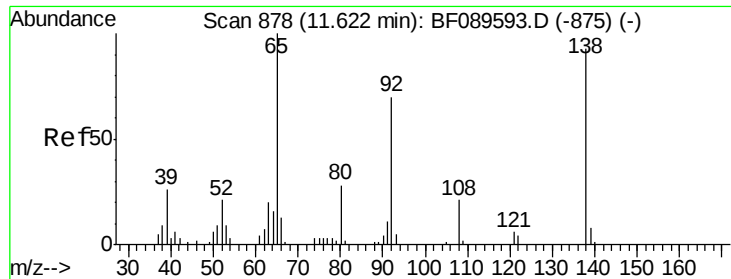
Tgt Ion:154 Resp: 342887
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.6 60.6
 76 13.6 0.0 33.7



#46
 2-Chloronaphthalene
 Concen: 38.97 ng
 RT: 11.42 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF089607.D
 Acq: 5 Aug 2016 1:52

Tgt Ion:162 Resp: 260013
 Ion Ratio Lower Upper
 162 100
 127 45.2 36.6 54.8
 164 32.5 26.8 40.2





#47

2-Nitroaniline

Concen: 38.99 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

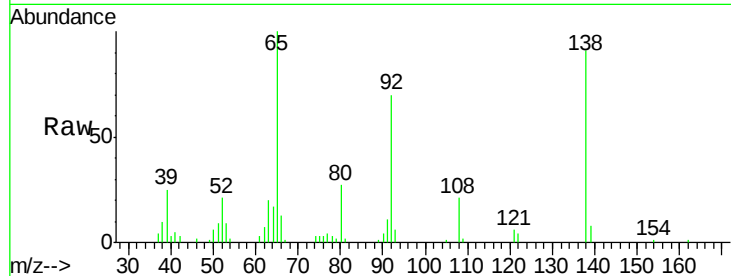
Tgt Ion: 65 Resp: 83853

Ion Ratio Lower Upper

65 100

92 70.4 56.3 84.5

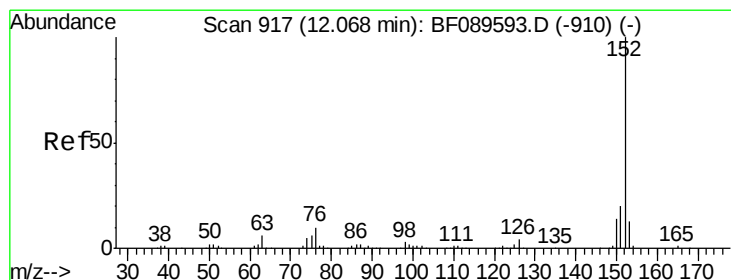
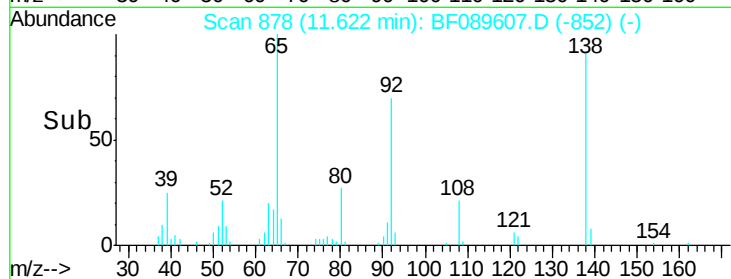
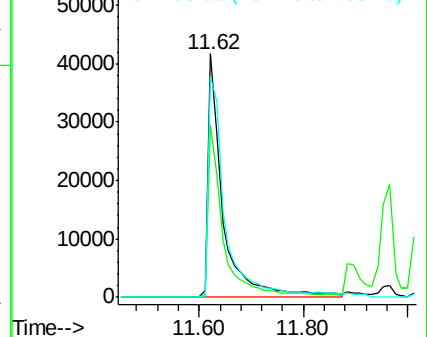
138 90.6 74.3 111.5



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.01 ng

RT: 12.07 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF089607.D

Acq: 5 Aug 2016 1:52

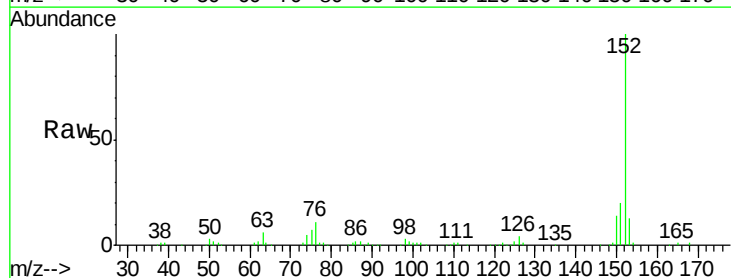
Tgt Ion: 152 Resp: 417665

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

