

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
 Data File : BF089105.D
 Acq On : 19 Jul 2016 3:38
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 19 05:22:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	41544	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	163348	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	65328	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	106151	20.00	ng	0.00
75) Chrysene-d12	13.78	240	83518	20.00	ng	0.01
86) Perylene-d12	15.13	264	59864	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	215259	77.65	ng	0.00
7) Phenol-d6	6.30	99	260501	72.73	ng	0.00
23) Nitrobenzene-d5	7.21	82	230077	73.81	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	39283	64.76	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	382278	92.43	ng	0.00
78) Terphenyl-d14	12.73	244	285349	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.08	88	46361	33.73	ng	# 27
3) Pyridine	2.72	79	136198	34.15	ng	93
4) n-Nitrosodimethylamine	2.68	42	55742	36.59	ng	98
6) Aniline	6.31	93	190176	36.43	ng	# 41
8) 2-Chlorophenol	6.43	128	120212	40.35	ng	86
9) Benzaldehyde	6.18	77	88629	36.53	ng	87
10) Phenol	6.31	94	135645	33.18	ng	# 29
11) bis(2-Chloroethyl)ether	6.39	93	126772	41.59	ng	86
12) 1,3-Dichlorobenzene	6.58	146	136031	41.49	ng	100
13) 1,4-Dichlorobenzene	6.66	146	139779	42.96	ng	99
14) 1,2-Dichlorobenzene	6.81	146	116755	38.33	ng	# 87
15) Benzyl Alcohol	6.80	79	101005	38.32	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.94	45	141125	31.97	ng	85
17) 2-Methylphenol	6.92	107	95165	39.16	ng	# 92
18) Hexachloroethane	7.15	117	34713	27.58	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	94190	39.15	ng	# 86
20) 3+4-Methylphenols	7.07	107	117121	40.15	ng	# 80
22) Acetophenone	7.06	105	178791	45.10	ng	# 93
24) Nitrobenzene	7.23	77	137703	43.82	ng	# 86
25) Isophorone	7.47	82	214119	37.08	ng	95
26) 2-Nitrophenol	7.55	139	31580	24.50	ng	# 81
27) 2,4-Dimethylphenol	7.60	122	88653	33.03	ng	# 86
28) bis(2-Chloroethoxy)methane	7.69	93	136058	36.21	ng	# 95
29) 2,4-Dichlorophenol	7.80	162	79523	36.66	ng	91
30) 1,2,4-Trichlorobenzene	7.87	180	94946	39.88	ng	98
31) Naphthalene	7.95	128	355410	44.13	ng	99
32) Benzoic acid	7.71	122	43323	22.23	ng	90
33) 4-Chloroaniline	8.01	127	149700	41.78	ng	# 95
34) Hexachlorobutadiene	8.08	225	56976	44.70	ng	99
35) Caprolactam	8.38	113	23369	31.72	ng	92
36) 4-Chloro-3-methylphenol	8.50	107	100007	38.98	ng	95
37) 2-Methylnaphthalene	8.64	142	186980	36.06	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	107054	49.27	ng	# 1
42) 2,4,6-Trichlorophenol	8.92	196	51058	35.64	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	50976	41.36	ng	# 91
45) 1,1'-Biphenyl	9.11	154	268896	49.71	ng	98
46) 2-Chloronaphthalene	9.13	162	193465	45.56	ng	99
47) 2-Nitroaniline	9.22	65	56925	37.77	ng	88
48) Acenaphthylene	9.54	152	287902	42.61	ng	99
49) Dimethylphthalate	9.42	163	210273	45.18	ng	97
50) 2,6-Dinitrotoluene	9.47	165	37183	36.05	ng	# 81
51) Acenaphthene	9.71	154	168003	40.56	ng	98
52) 3-Nitroaniline	9.63	138	49309	37.60	ng	86
54) Dibenzofuran	9.88	168	221260	40.81	ng	96
55) 4-Nitrophenol	9.82	139	29120	29.22	ng	90
56) 2,4-Dinitrotoluene	9.87	165	41175	30.53	ng	# 54
57) Fluorene	10.23	166	171499	41.05	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	31146	32.66	ng	# 51
59) Diethylphthalate	10.11	149	204027	43.68	ng	97
60) 4-Chlorophenyl-phenylether	10.22	204	79354	40.88	ng	89
61) 4-Nitroaniline	10.25	138	55398	43.90	ng	96
62) Azobenzene	10.38	77	195091	36.62	ng	95
65) n-Nitrosodiphenylamine	10.34	169	161992	45.09	ng	99
66) 4-Bromophenyl-phenylether	10.71	248	48388	45.23	ng	97
67) Hexachlorobenzene	10.78	284	41534	35.07	ng	# 73
68) Atrazine	10.87	200	36885	32.95	ng	93
69) Pentachlorophenol	10.97	266	21272	30.35	ng	97
70) Phenanthrene	11.18	178	240423	41.43	ng	98
71) Anthracene	11.22	178	223642	38.76	ng	98
72) Carbazole	11.38	167	202173	37.23	ng	99
73) Di-n-butylphthalate	11.72	149	275492	43.61	ng	99
74) Fluoranthene	12.35	202	234389	39.84	ng	98
76) Benzidine	12.49	184	235409	55.77	ng	98
77) Pyrene	12.58	202	263593	37.22	ng	98
79) Butylbenzylphthalate	13.21	149	122003	38.62	ng	# 75
80) Benzo(a)anthracene	13.77	228	209418	38.94	ng	97
81) 3,3'-Dichlorobenzidine	13.74	252	85801	42.44	ng	# 96
82) Chrysene	13.80	228	205706	38.66	ng	97
83) Bis(2-ethylhexyl)phthalate	13.78	149	179441	49.76	ng	# 98
84) Di-n-octyl phthalate	14.39	149	322480	52.64	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.39	276	128953	31.50	ng	# 100
87) Benzo(b)fluoranthene	14.77	252	316697	84.33	ng	# 97
88) Benzo(k)fluoranthene	14.77	252	316697	96.87	ng	98
89) Benzo(a)pyrene	15.09	252	144310	45.39	ng	# 94
90) Dibenzo(a,h)anthracene	16.40	278	113990	42.93	ng	97
91) Benzo(g,h,i)perylene	16.77	276	108515	39.50	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. -0.00 min

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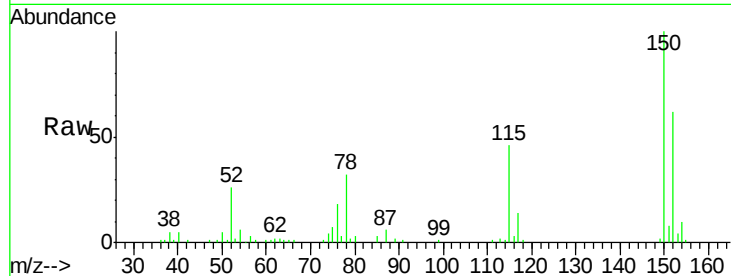
Tgt Ion:152 Resp: 41544

Ion Ratio Lower Upper

152 100

150 161.6 123.8 185.6

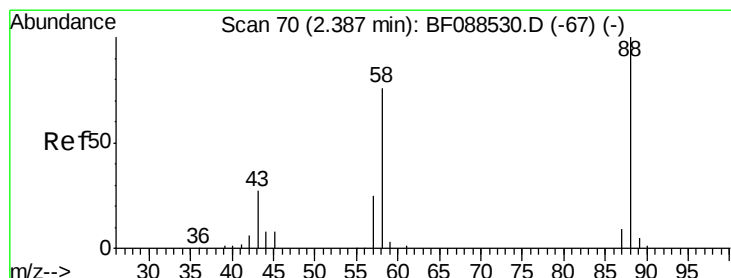
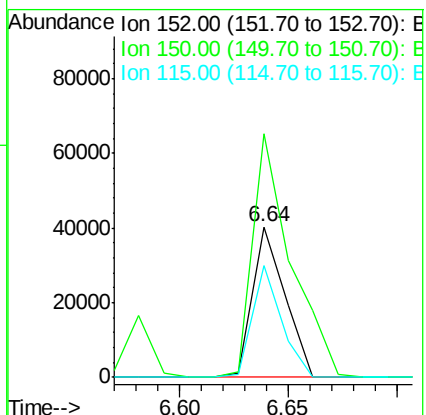
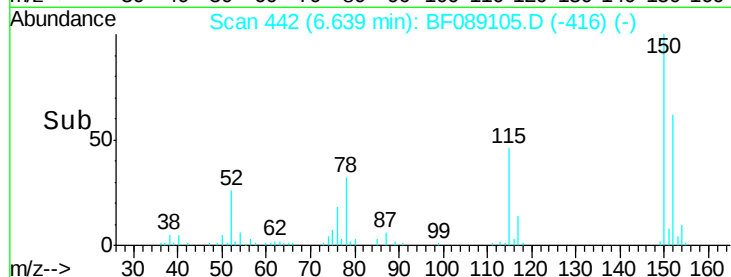
115 74.0 39.6 59.4#



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: 33.73 ng

RT: 2.08 min Scan# 43

Delta R.T. -0.02 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

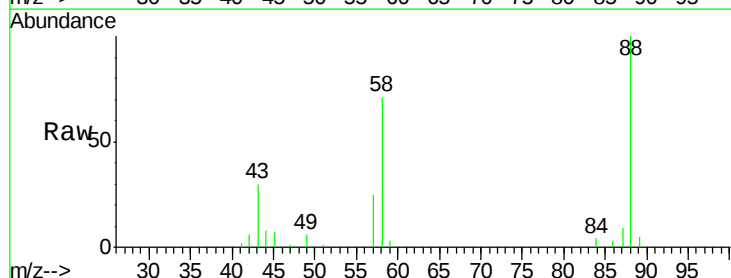
Tgt Ion: 88 Resp: 46361

Ion Ratio Lower Upper

88 100

58 68.7 0.0 0.0#

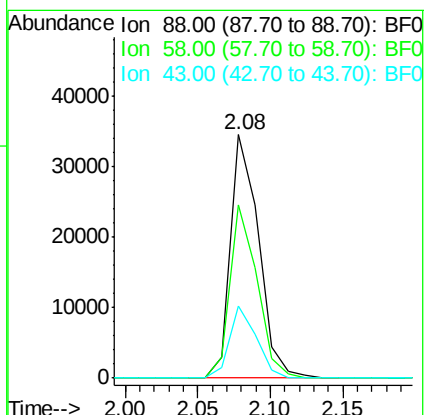
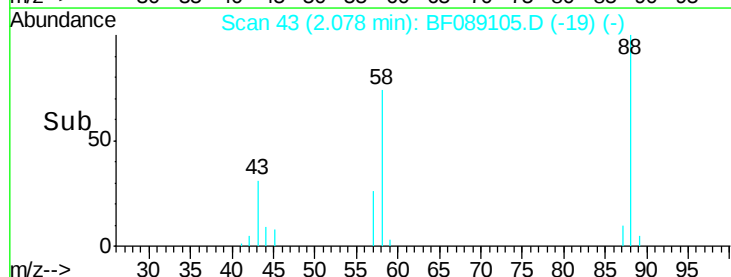
43 28.4 3.4 5.2#

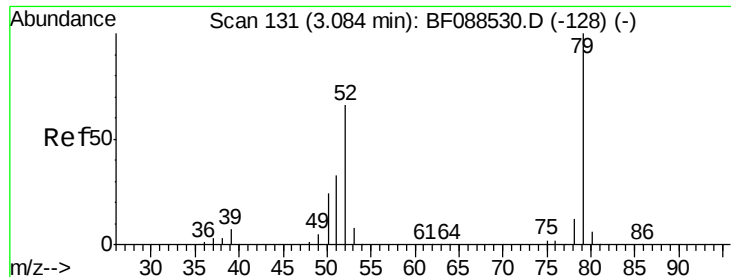


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 34.15 ng

RT: 2.72 min Scan# 99

Delta R.T. -0.02 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

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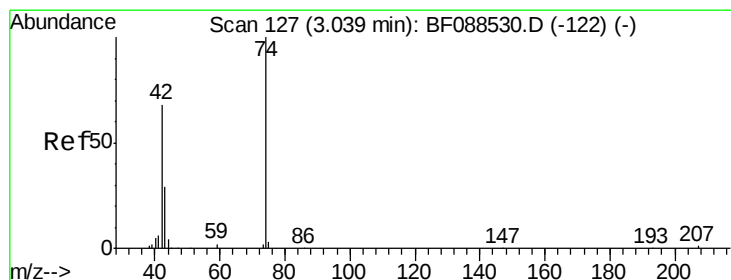
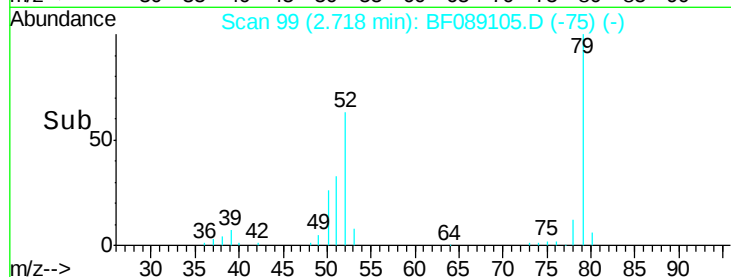
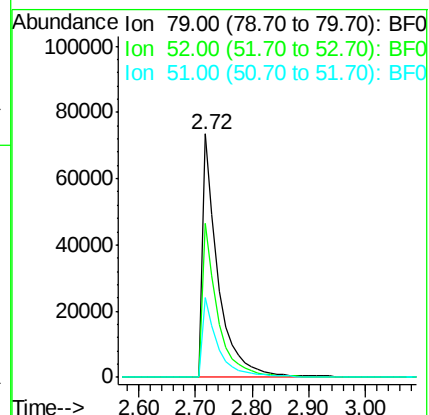
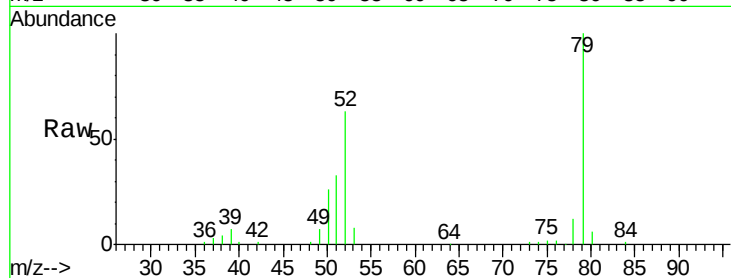
Tgt Ion: 79 Resp: 136198

Ion Ratio Lower Upper

79 100

52 63.4 56.3 84.5

51 33.0 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 36.59 ng

RT: 2.68 min Scan# 96

Delta R.T. -0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

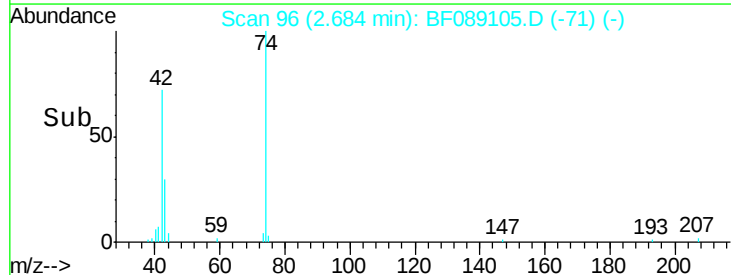
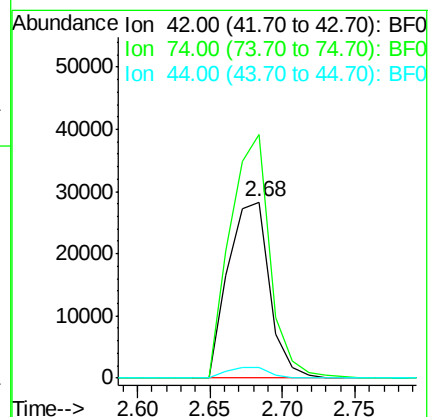
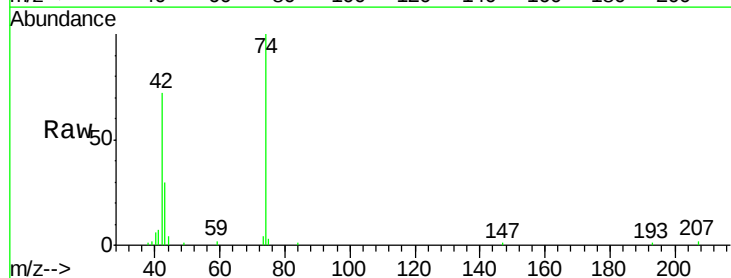
Tgt Ion: 42 Resp: 55742

Ion Ratio Lower Upper

42 100

74 138.2 108.6 163.0

44 6.0 5.5 8.3





#5

2-Fluorophenol

Concen: 77.65 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

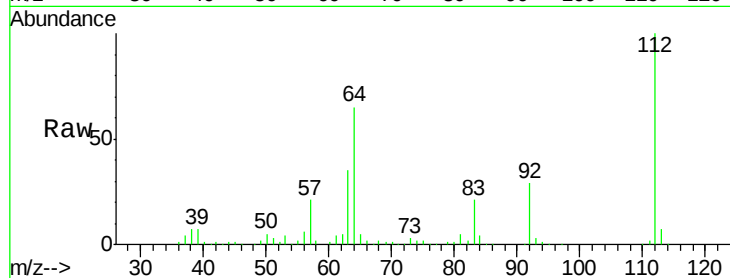
Tgt Ion: 112 Resp: 215259

Ion Ratio Lower Upper

112 100

64 64.6 42.2 63.2#

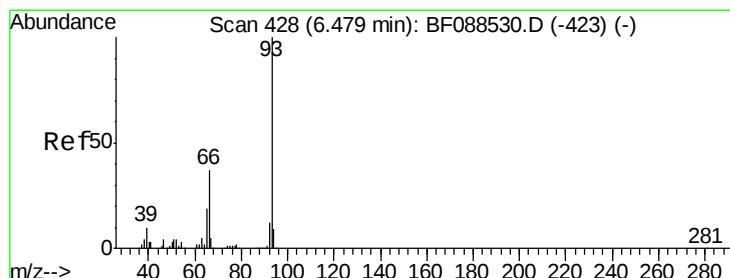
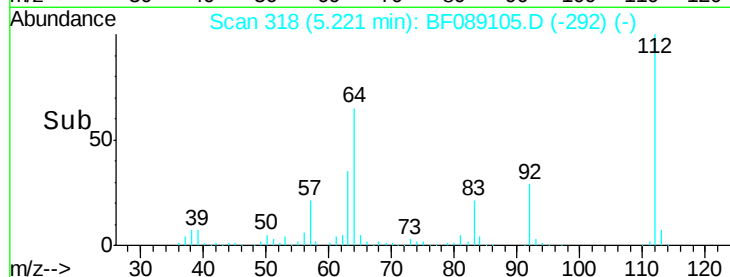
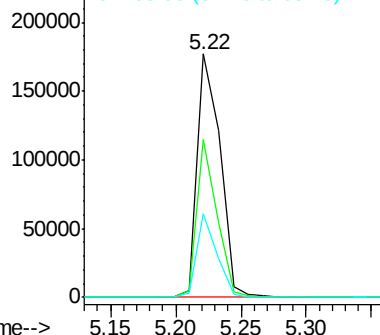
63 34.5 21.8 32.8#



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: 36.43 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

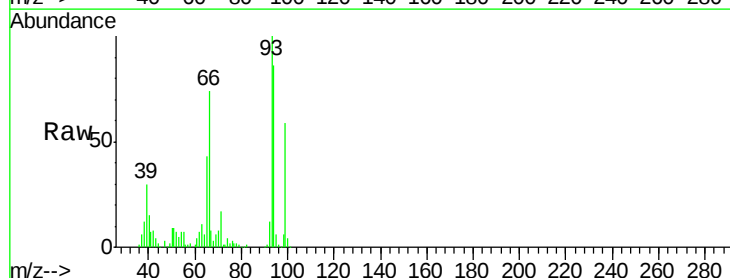
Tgt Ion: 93 Resp: 190176

Ion Ratio Lower Upper

93 100

66 73.7 29.8 44.8#

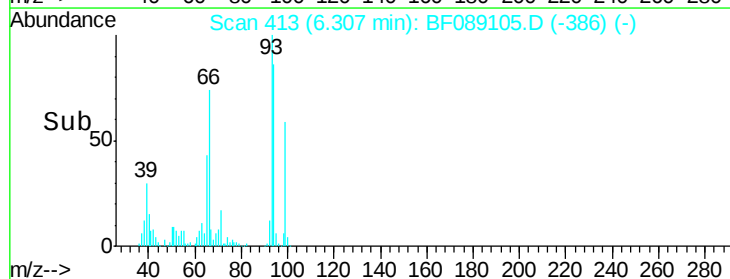
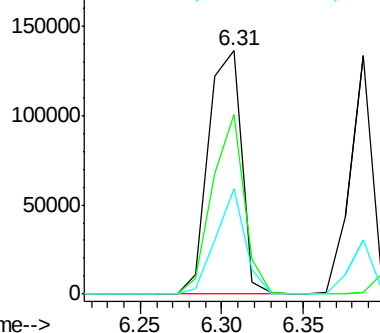
65 43.2 14.9 22.3#



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: 72.73 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

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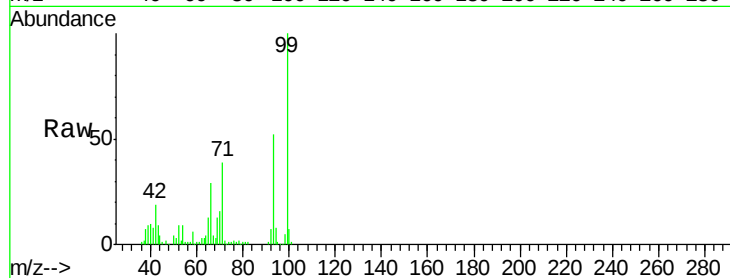
Tgt Ion: 99 Resp: 260501

Ion Ratio Lower Upper

99 100

42 18.8 12.2 18.2#

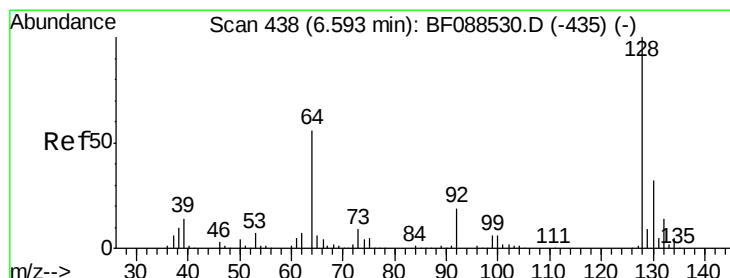
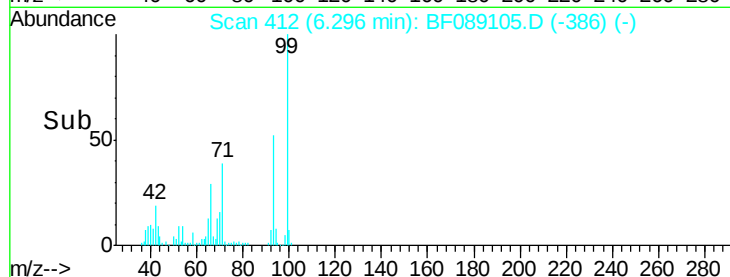
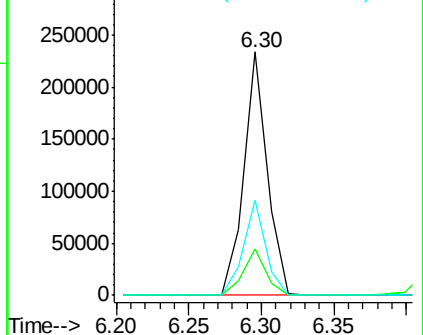
71 38.9 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.35 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

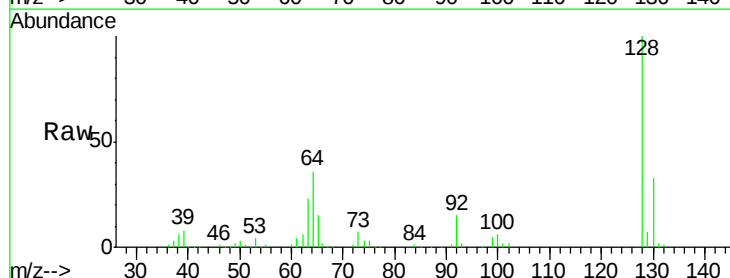
Tgt Ion: 128 Resp: 120212

Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

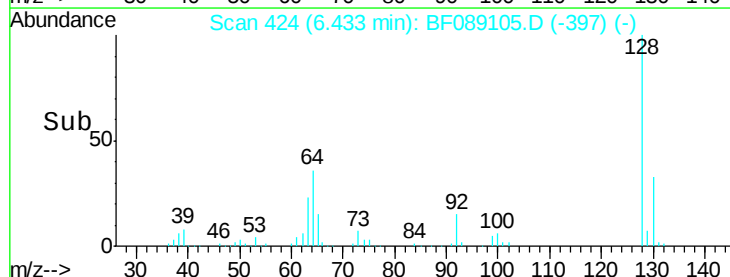
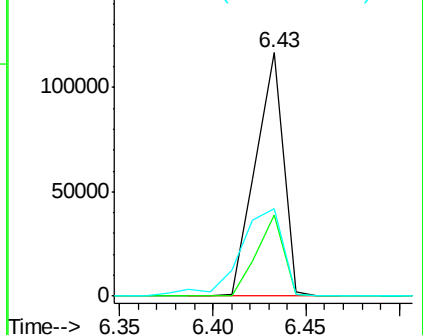
64 36.2 30.8 70.8

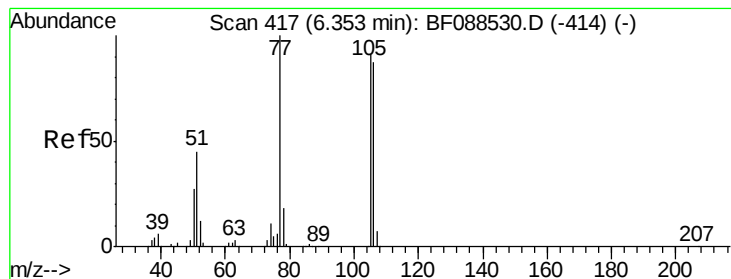


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.53 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.00 min

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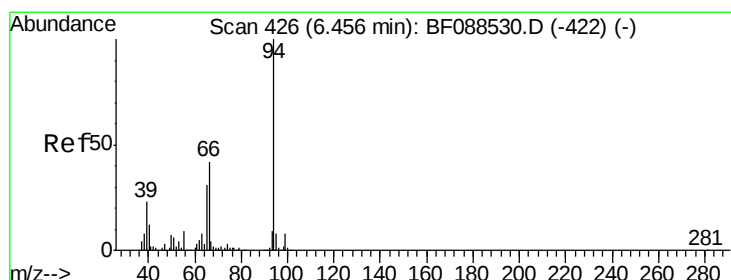
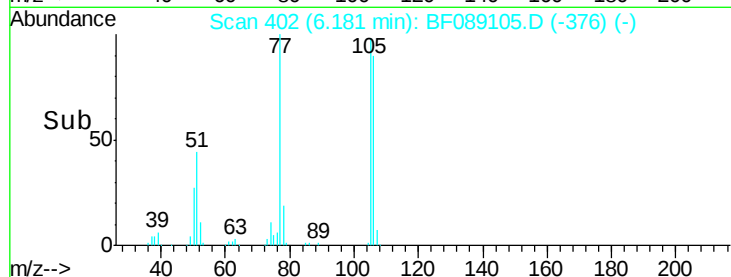
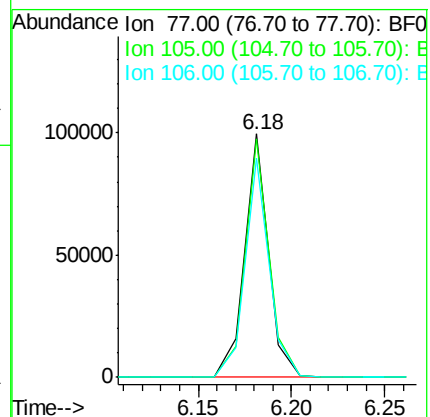
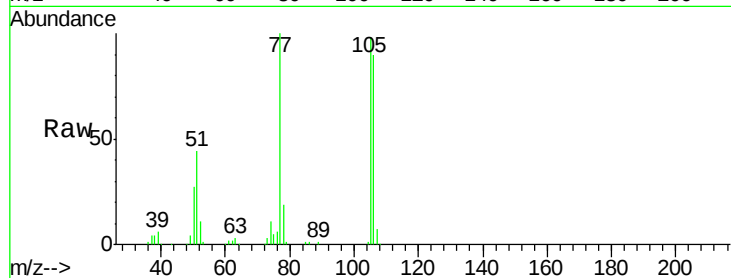
Tgt Ion: 77 Resp: 88629

Ion Ratio Lower Upper

77 100

105 98.1 90.6 130.6

106 90.2 85.3 125.3



#10

Phenol

Concen: 33.18 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

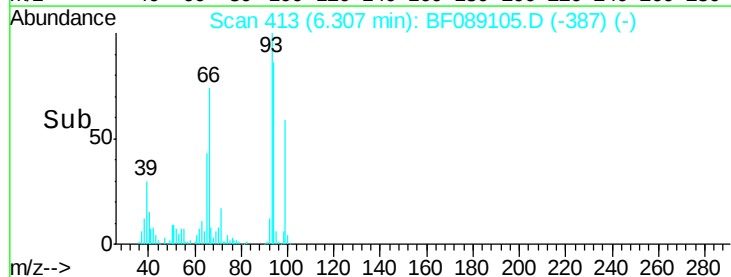
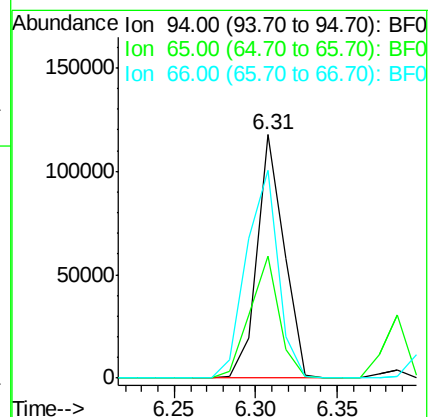
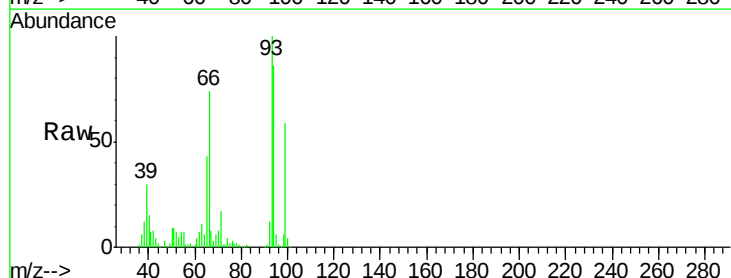
Tgt Ion: 94 Resp: 135645

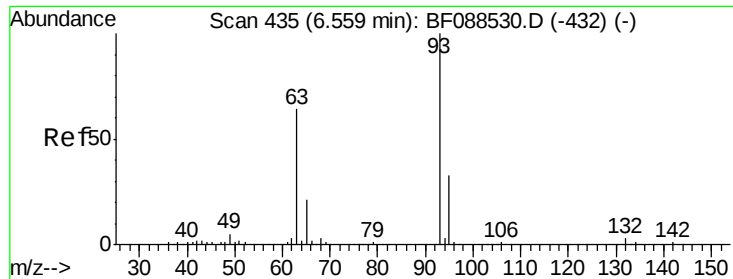
Ion Ratio Lower Upper

94 100

65 50.0 5.9 45.9#

66 85.3 14.0 54.0#

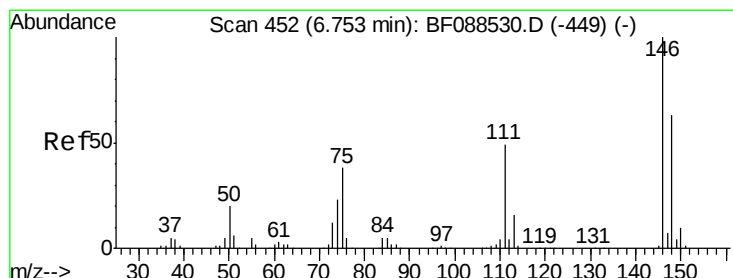
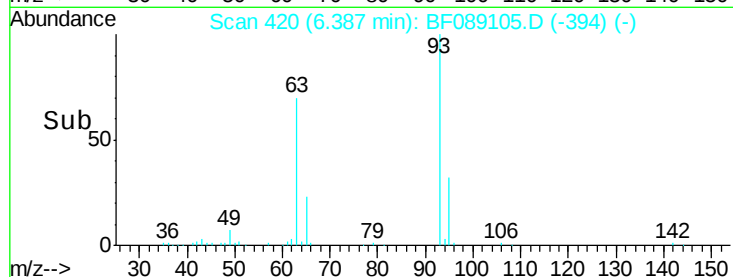
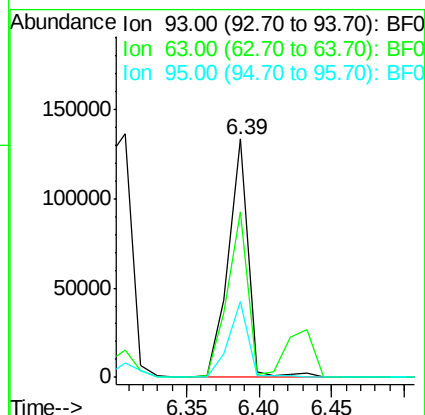
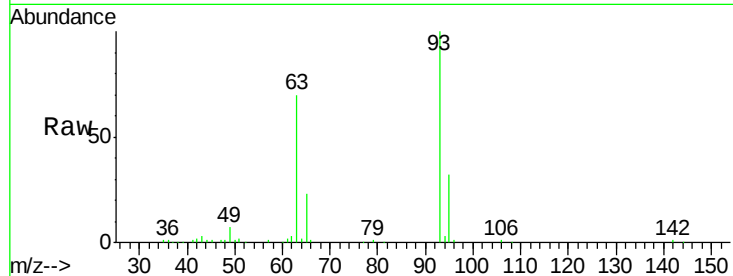




#11
bis(2-Chloroethyl)ether
Concen: 41.59 ng
RT: 6.39 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

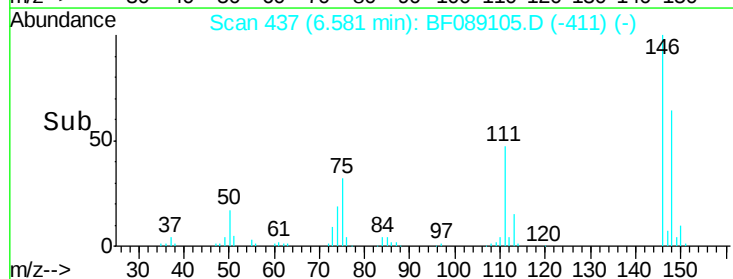
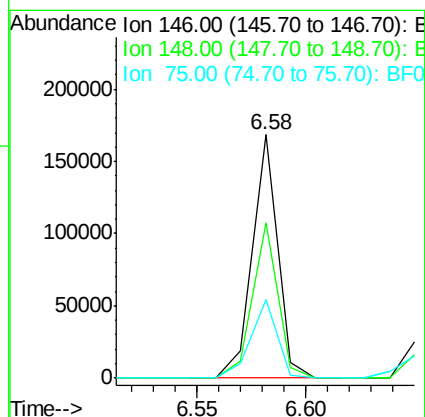
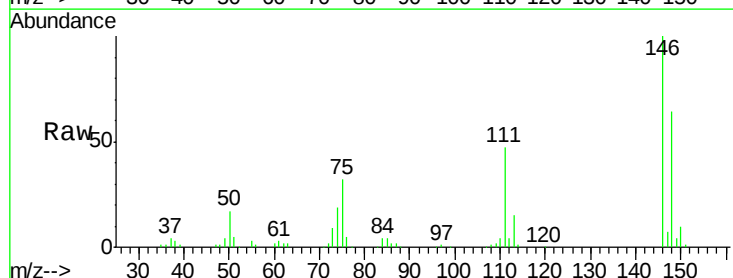
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

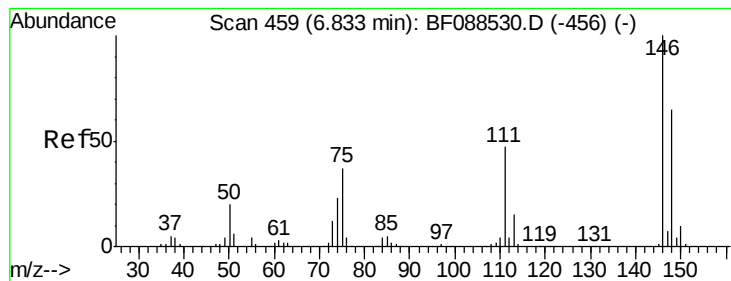
Tgt Ion: 93 Resp: 126772
Ion Ratio Lower Upper
93 100
63 69.7 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.49 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion: 146 Resp: 136031
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 32.4 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 42.96 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

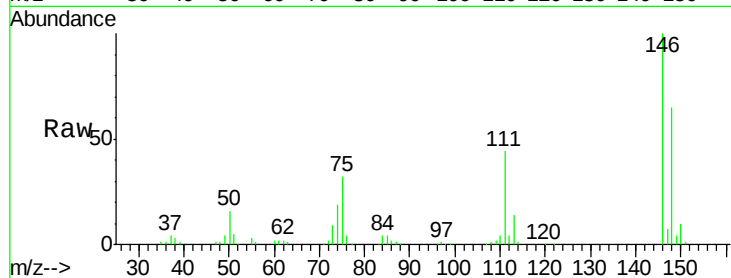
Tgt Ion:146 Resp: 139779

Ion Ratio Lower Upper

146 100

148 64.8 52.0 78.0

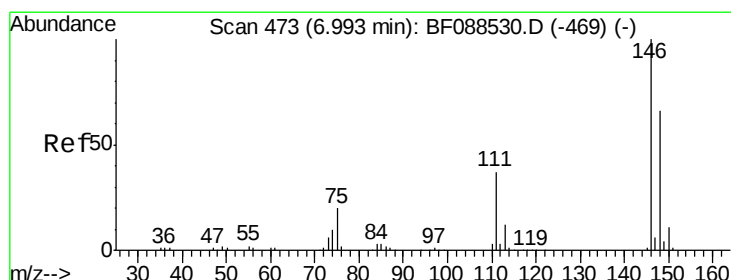
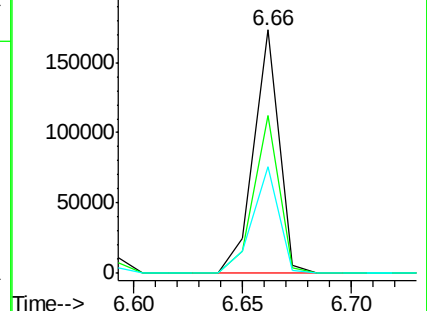
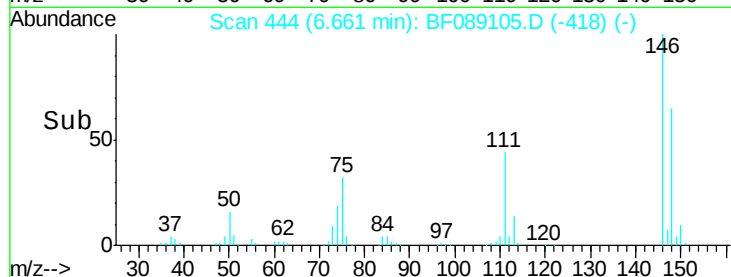
111 43.9 33.8 50.8



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: 38.33 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

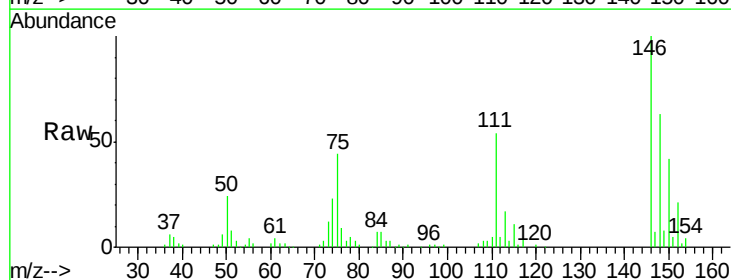
Tgt Ion:146 Resp: 116755

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

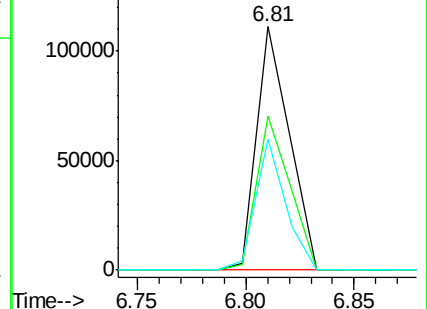
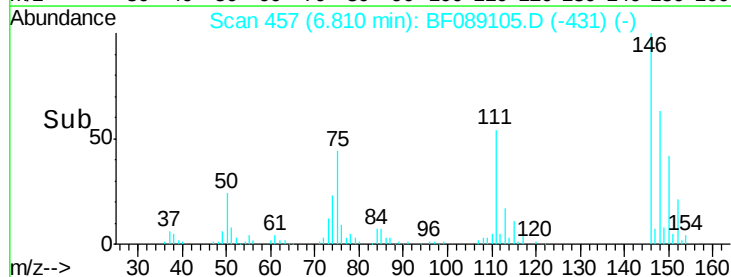
111 54.0 28.7 43.1#



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: 38.32 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

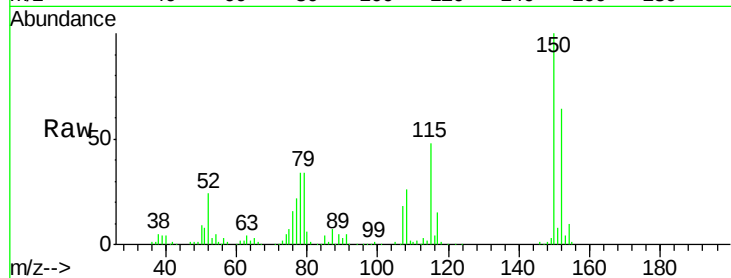
Tgt Ion: 79 Resp: 101005

Ion Ratio Lower Upper

79 100

108 77.3 65.0 97.6

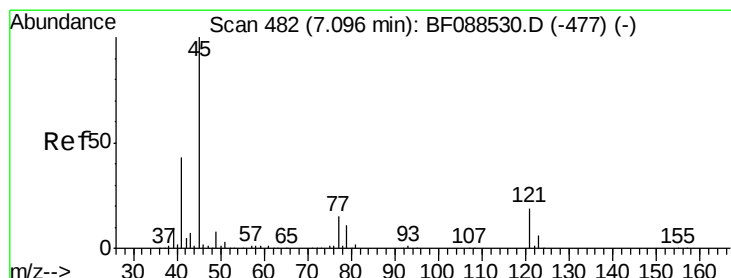
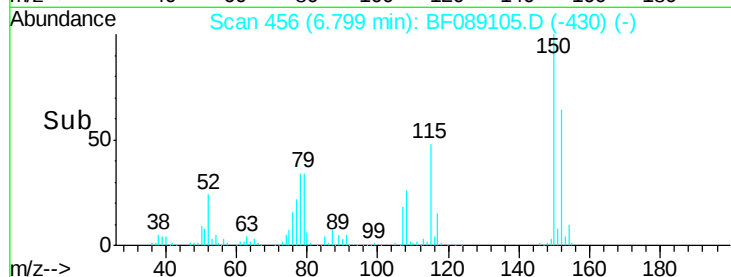
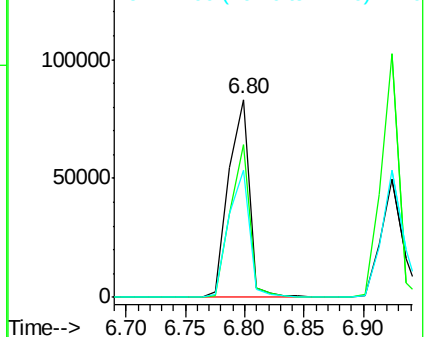
77 64.2 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.97 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

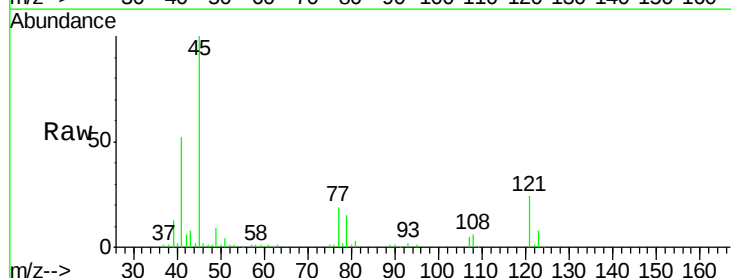
Tgt Ion: 45 Resp: 141125

Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.5

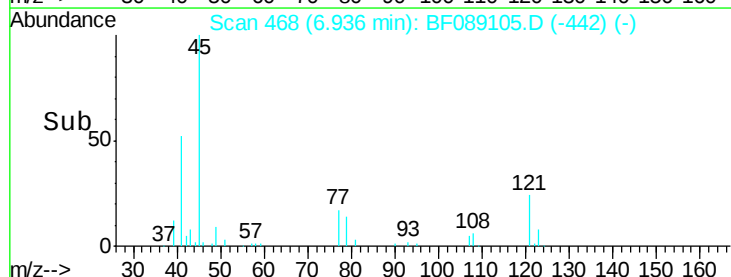
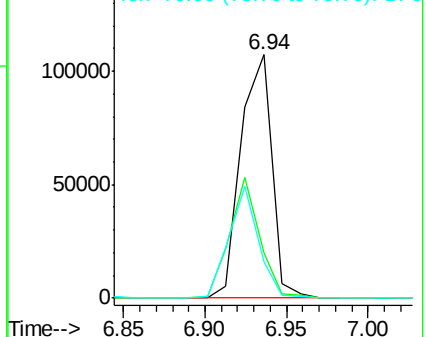
79 15.0 0.0 29.5

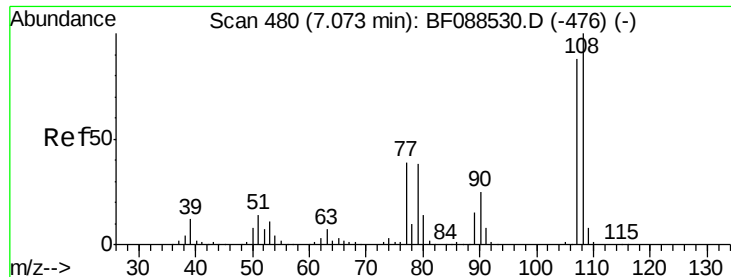


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

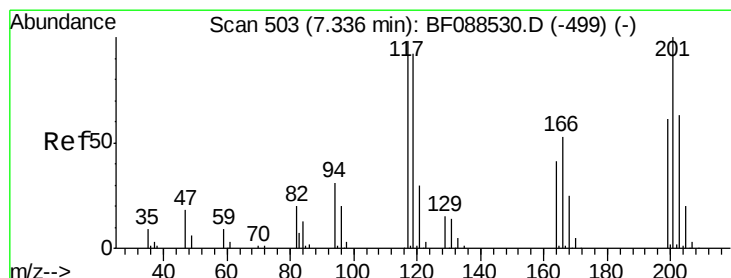
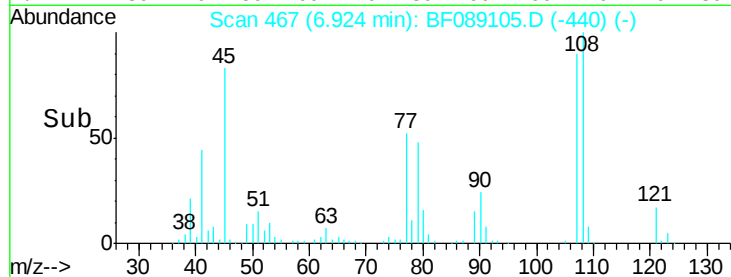
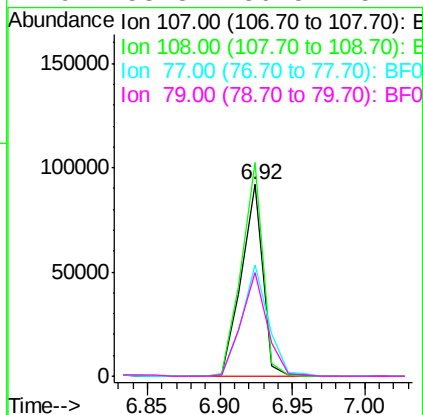
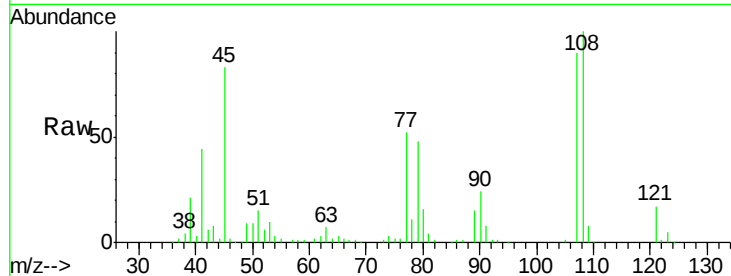




#17
2-Methylphenol
Concen: 39.16 ng
RT: 6.92 min Scan# 467
Delta R.T. 0.01 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

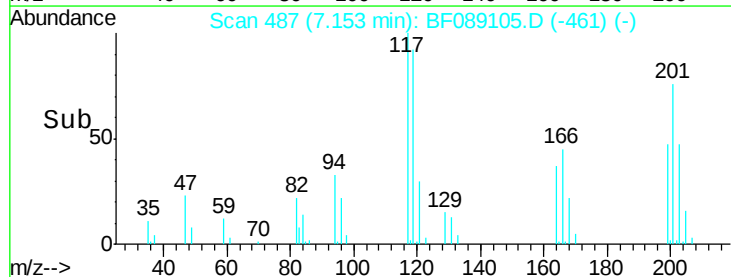
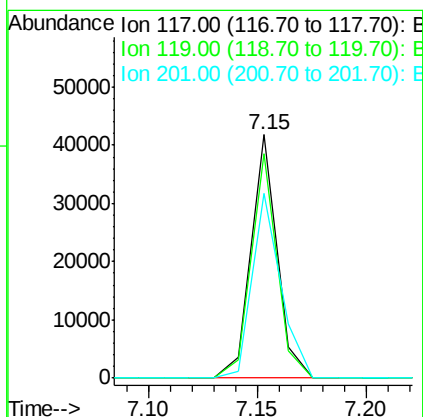
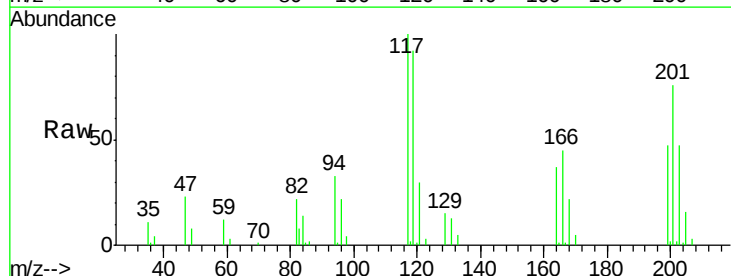
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

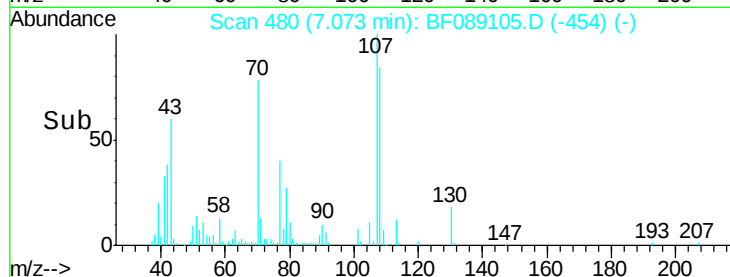
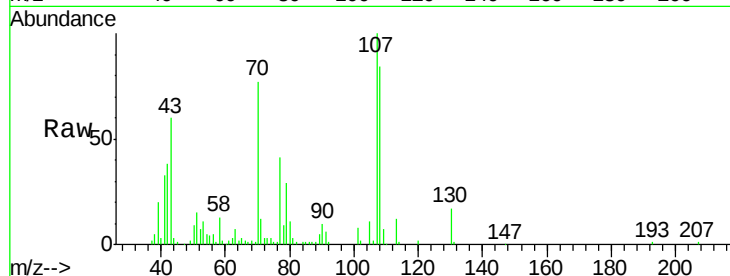
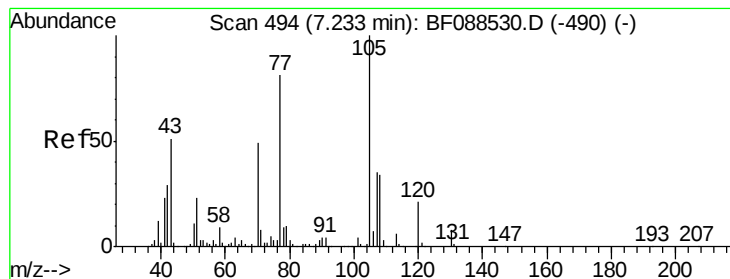
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.9	136.3
77	58.0	36.6	55.0#
79	53.8	36.5	54.7



#18
Hexachloroethane
Concen: 27.58 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.4	116.2
201	75.7	80.4	120.6#





#19

n-Nitroso-di-n-propylamine

Concen: 39.15 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 94190

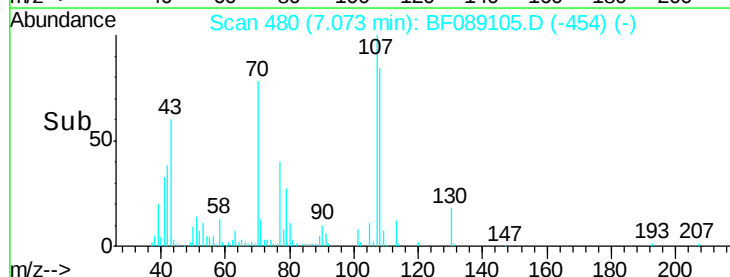
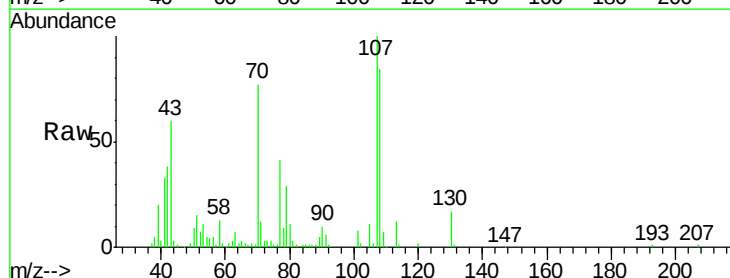
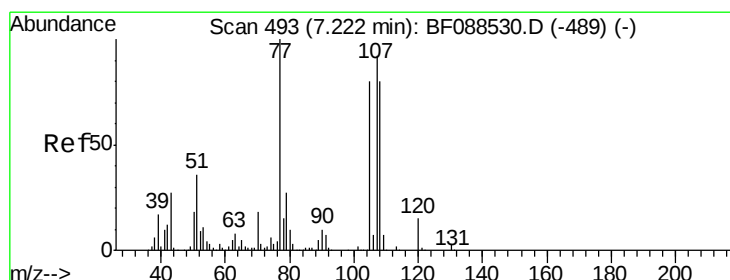
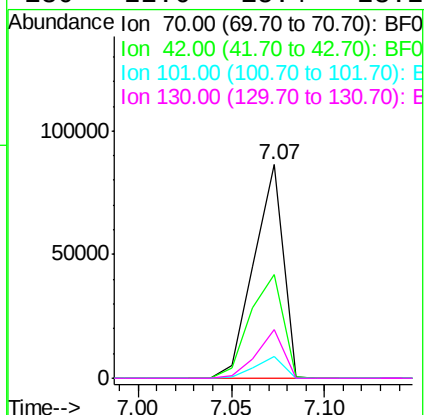
Ion Ratio Lower Upper

70 100

42 48.7 49.6 74.4#

101 10.3 7.1 10.7

130 22.6 15.4 23.2



#20

3+4-Methylphenols

Concen: 40.15 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Tgt Ion: 107 Resp: 117121

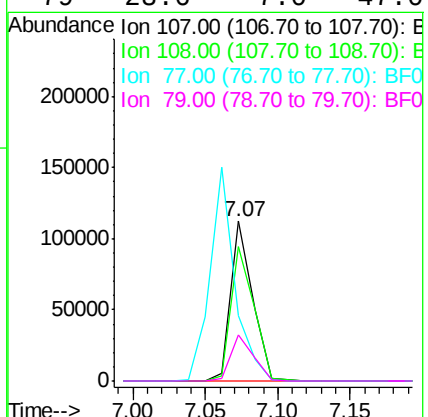
Ion Ratio Lower Upper

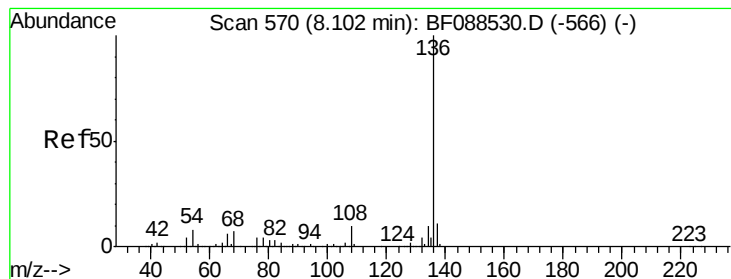
107 100

108 84.2 67.8 107.8

77 40.7 59.3 99.3#

79 28.6 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 163348

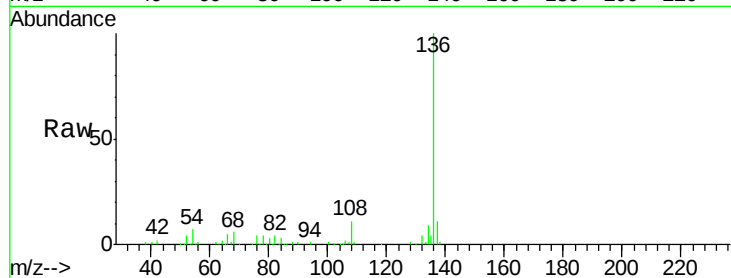
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.3 6.6 10.0

68 5.8 5.1 7.7

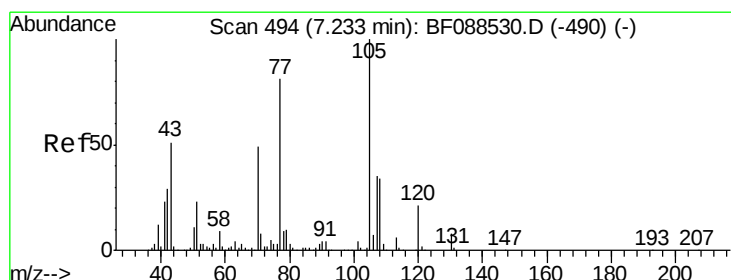
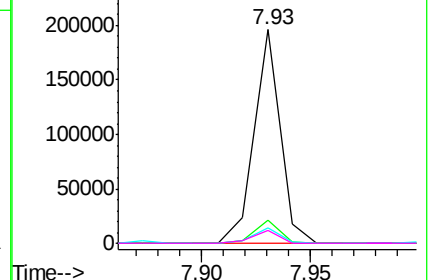
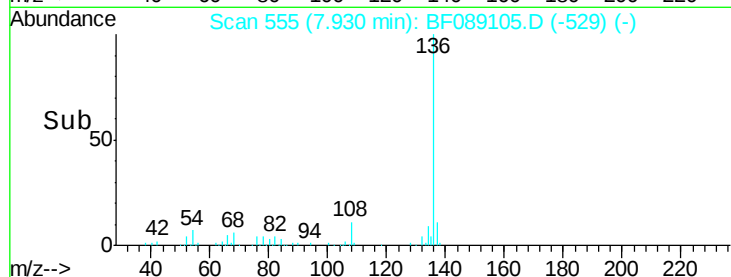


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 45.10 ng

RT: 7.06 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Tgt Ion:105 Resp: 178791

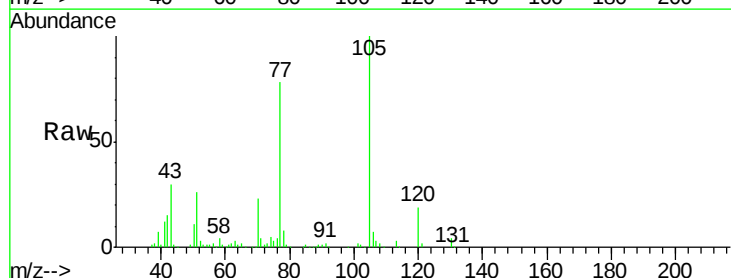
Ion Ratio Lower Upper

105 100

71 3.7 5.3 7.9#

51 25.6 18.2 27.4

120 19.2 18.0 27.0

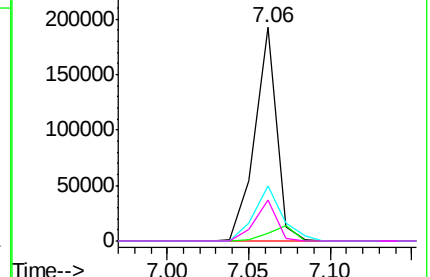
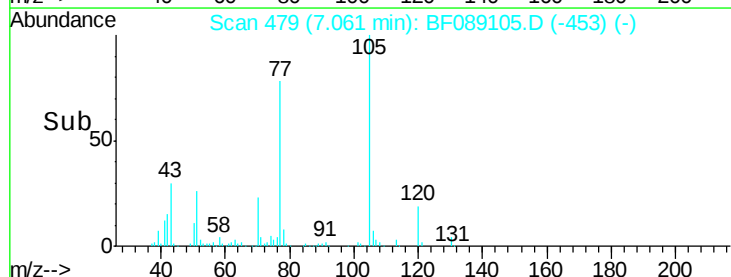


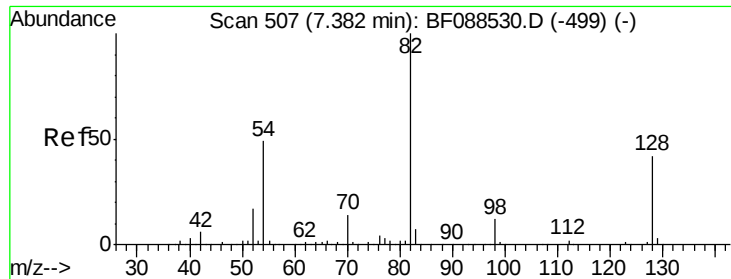
Abundance Ion 105.00 (104.70 to 105.70): E

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

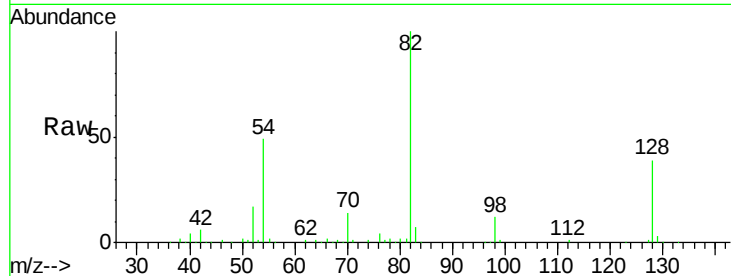




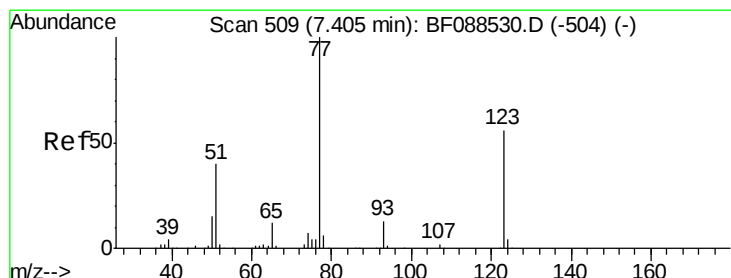
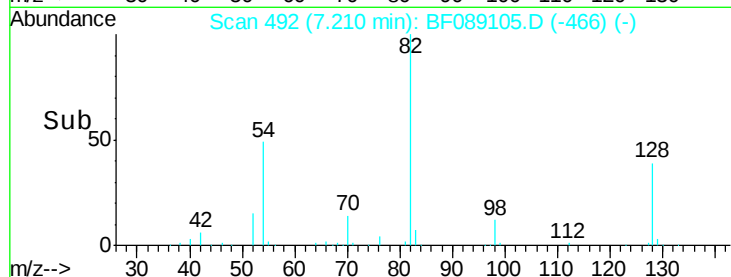
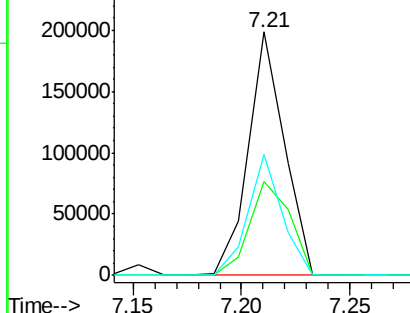
#23
Nitrobenzene-d5
Concen: 73.81 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 230077
Ion Ratio Lower Upper
82 100
128 38.6 35.9 53.9
54 49.4 40.9 61.3

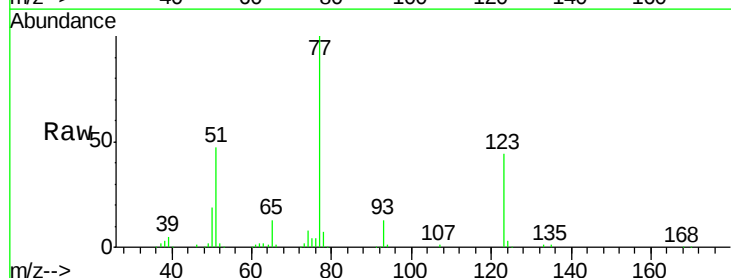


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

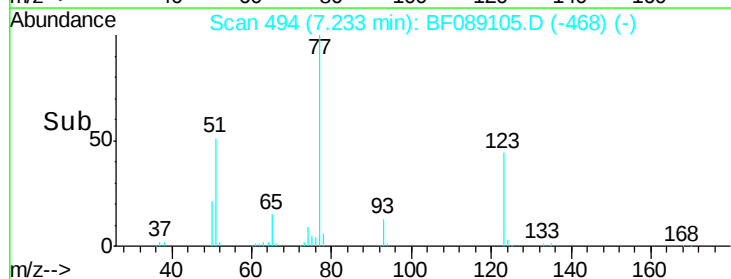
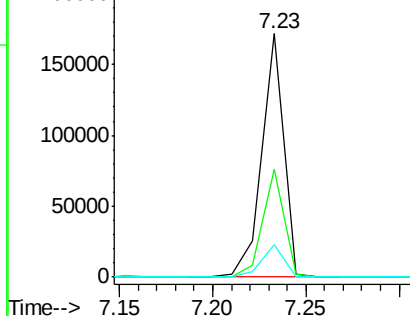


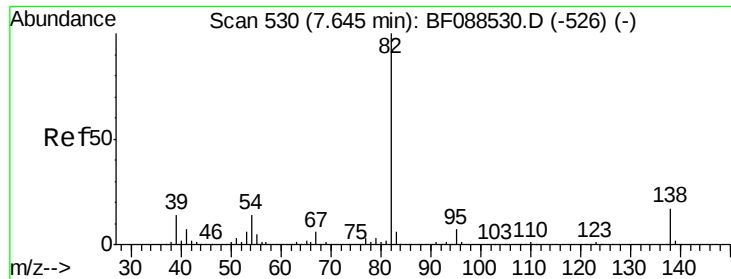
#24
Nitrobenzene
Concen: 43.82 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion: 77 Resp: 137703
Ion Ratio Lower Upper
77 100
123 44.1 45.0 67.4#
65 13.5 10.2 15.2



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: 37.08 ng

RT: 7.47 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

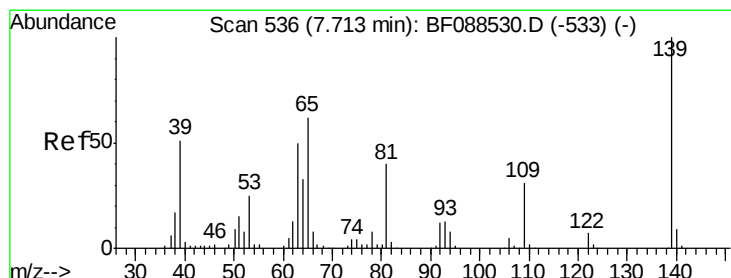
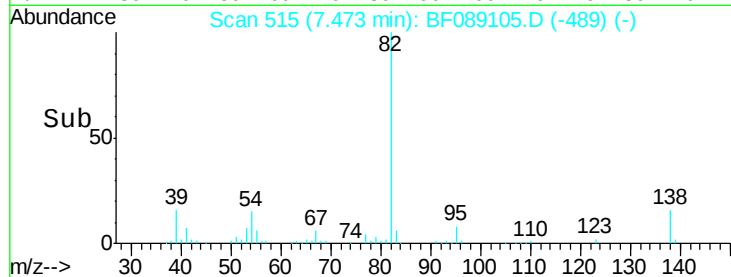
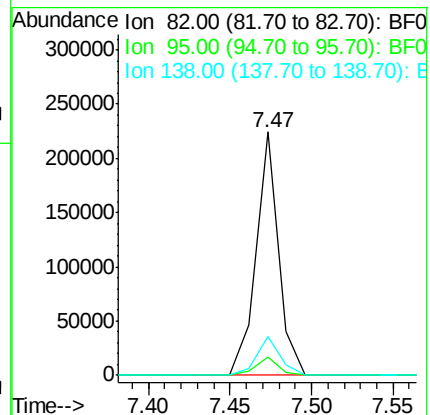
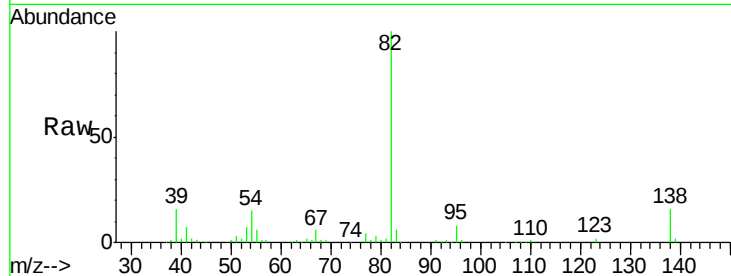
Tgt Ion: 82 Resp: 214119

Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.2

138 15.7 14.6 21.8



#26

2-Nitrophenol

Concen: 24.50 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

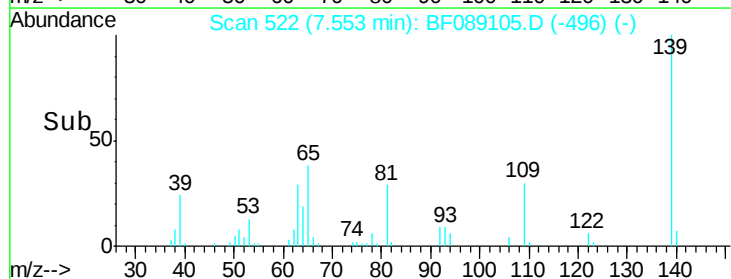
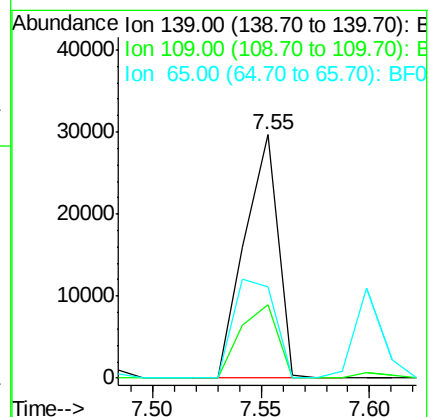
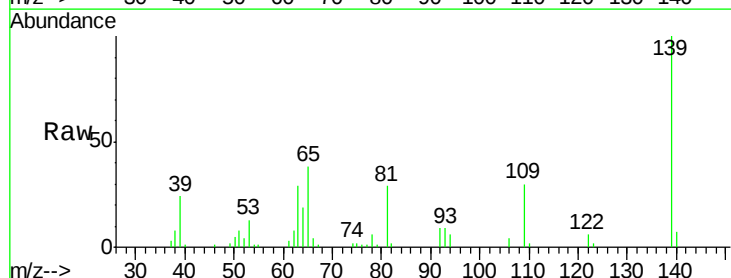
Tgt Ion: 139 Resp: 31580

Ion Ratio Lower Upper

139 100

109 29.9 23.0 34.4

65 37.5 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 33.03 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

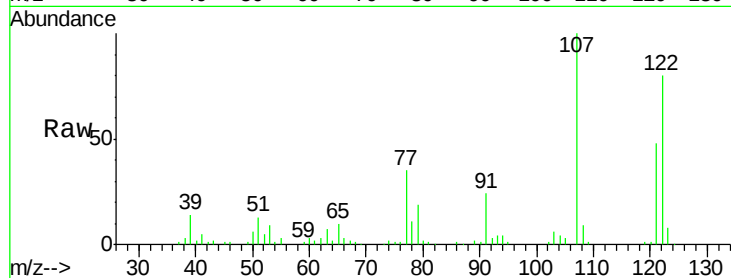
Tgt Ion:122 Resp: 88653

Ion Ratio Lower Upper

122 100

107 124.5 82.4 123.6#

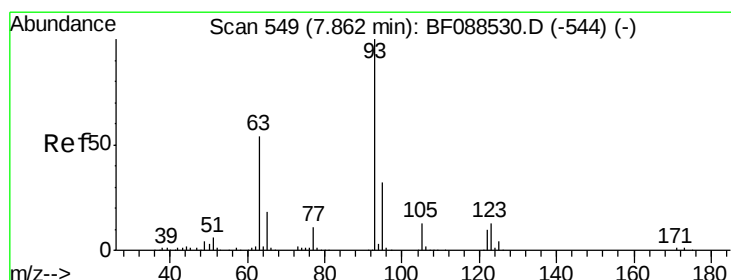
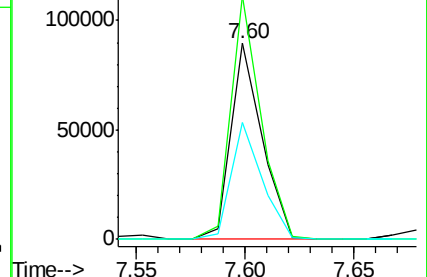
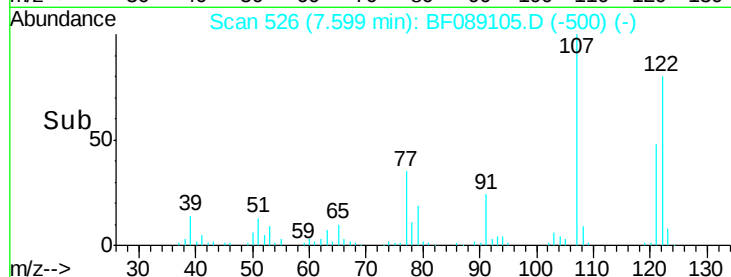
121 59.5 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.21 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

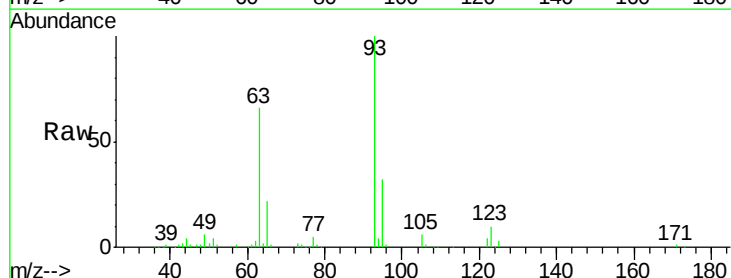
Tgt Ion: 93 Resp: 136058

Ion Ratio Lower Upper

93 100

95 31.8 26.5 39.7

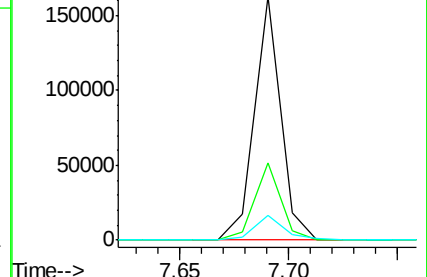
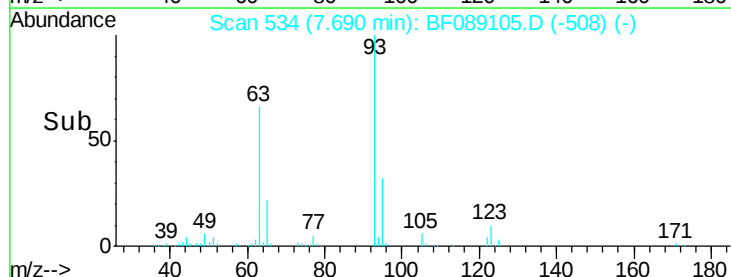
123 10.0 11.6 17.4#



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

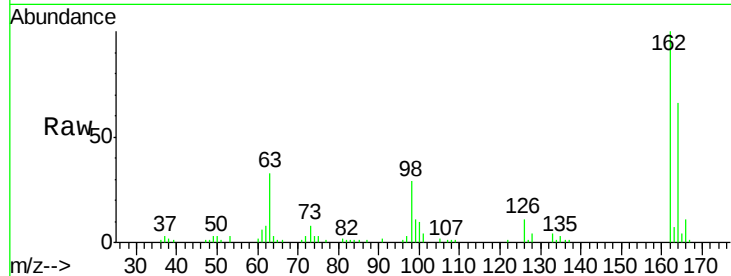




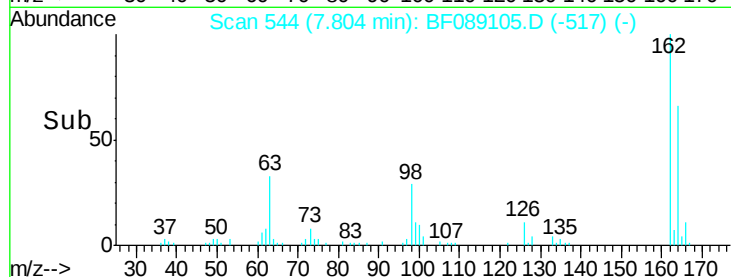
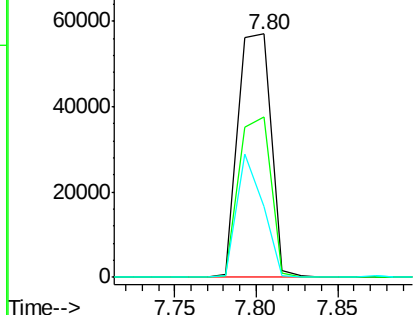
#29
 2,4-Dichlorophenol
 Concen: 36.66 ng
 RT: 7.80 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 79523
 Ion Ratio Lower Upper
 162 100
 164 65.8 43.8 83.8
 98 29.1 21.3 61.3

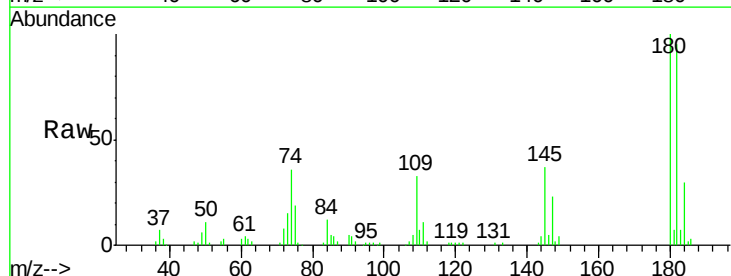


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

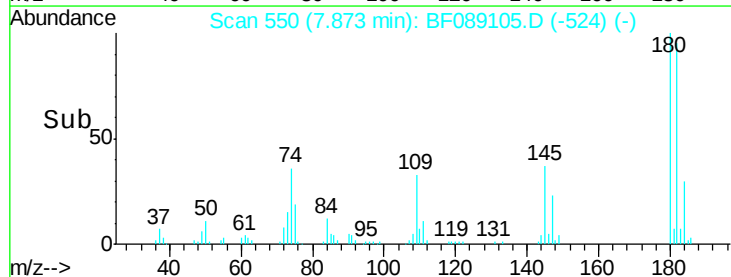
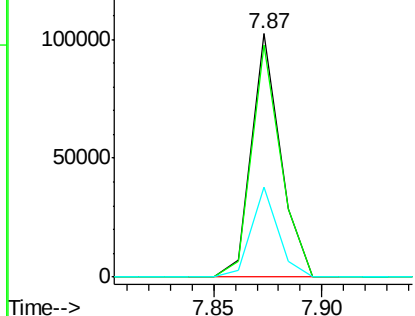


#30
 1,2,4-Trichlorobenzene
 Concen: 39.88 ng
 RT: 7.87 min Scan# 550
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:180 Resp: 94946
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.0 114.0
 145 37.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

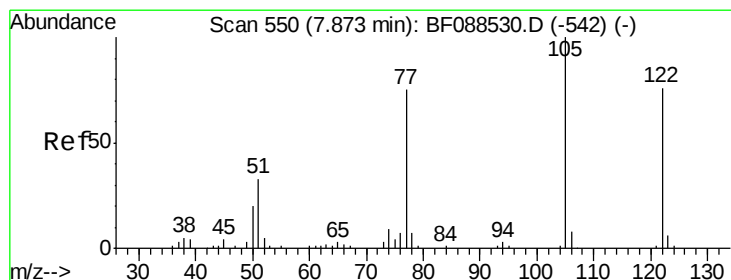
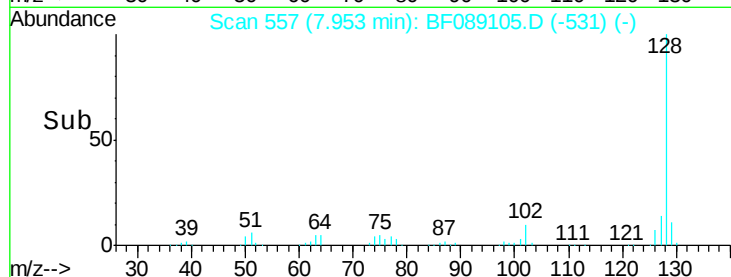
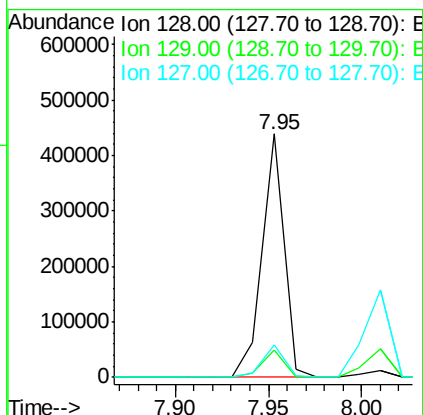
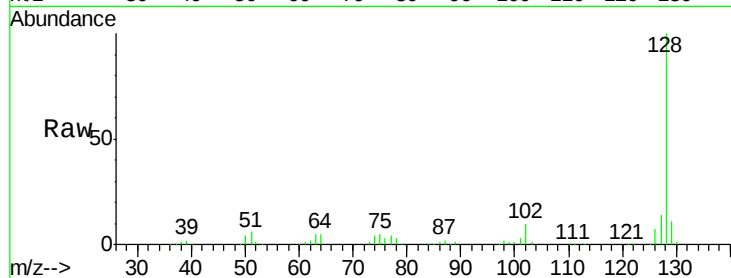




#31
Naphthalene
Concen: 44.13 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

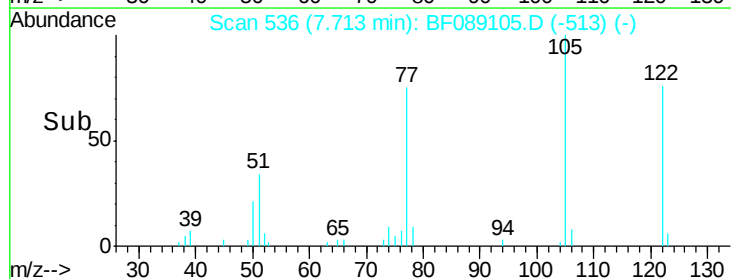
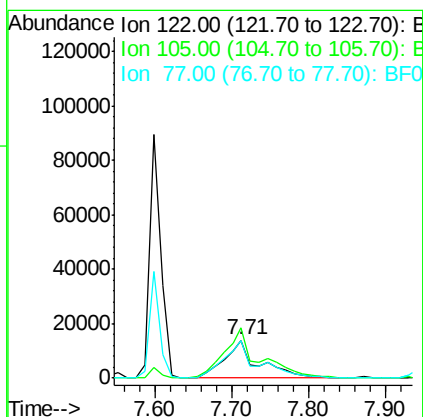
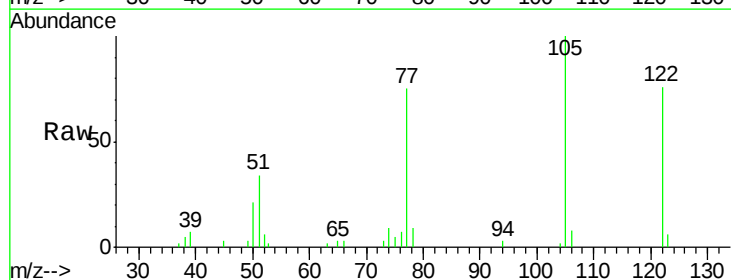
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

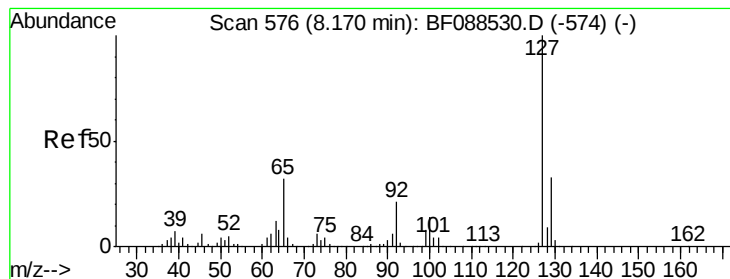
Tgt Ion:128 Resp: 355410
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 22.23 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion:122 Resp: 43323
Ion Ratio Lower Upper
122 100
105 132.3 101.6 141.6
77 99.8 70.6 110.6





#33

4-Chloroaniline

Concen: 41.78 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

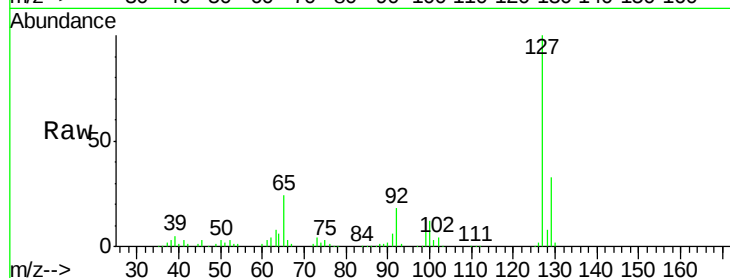
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:	127	Resp:	149700
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	24.1	24.7	37.1#
92	18.4	15.4	23.0

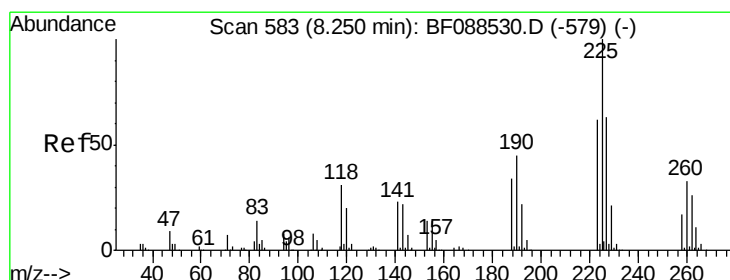
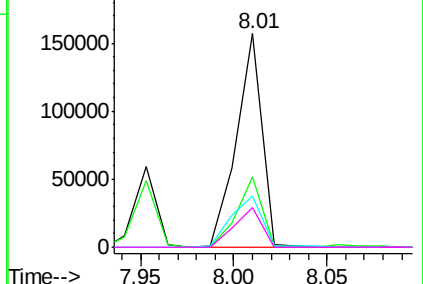
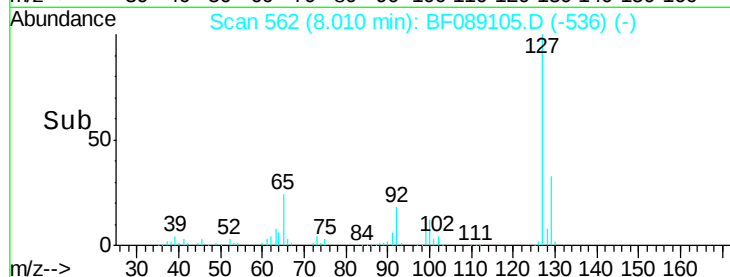


Abundance Ion 127.00 (126.70 to 127.70): E

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: 44.70 ng

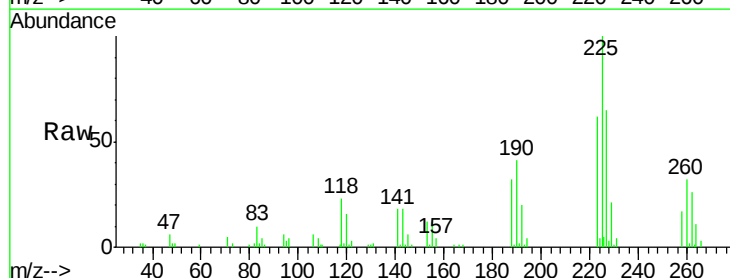
RT: 8.08 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

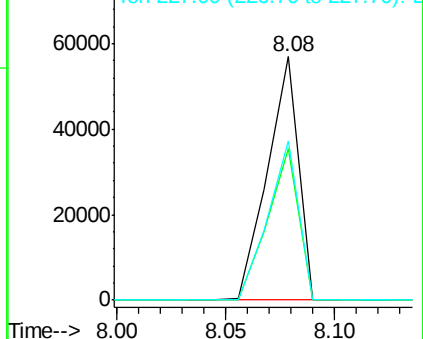
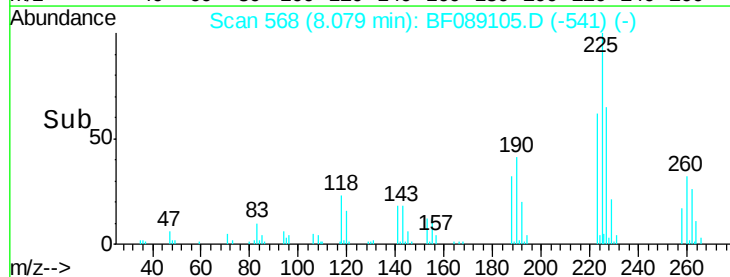
Tgt Ion:	225	Resp:	56976
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.9	76.3
227	65.3	51.9	77.9



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

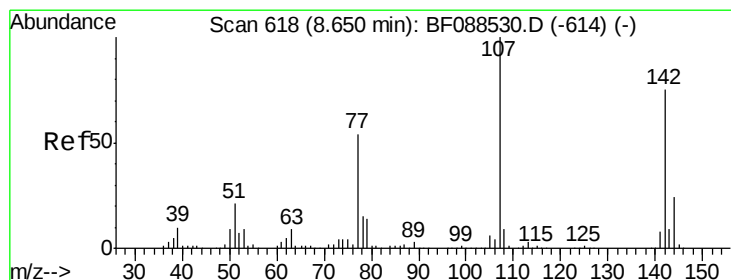
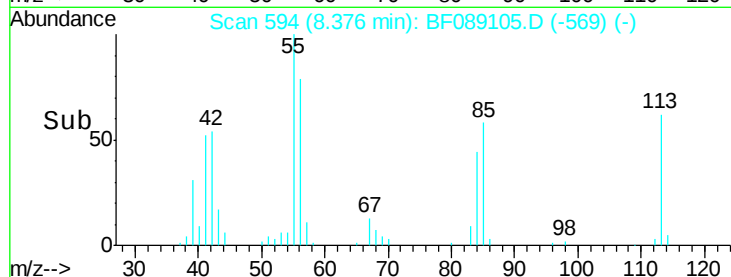
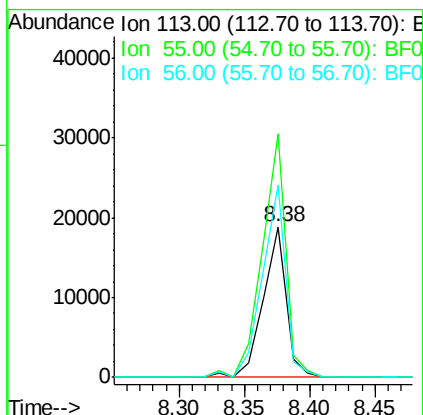
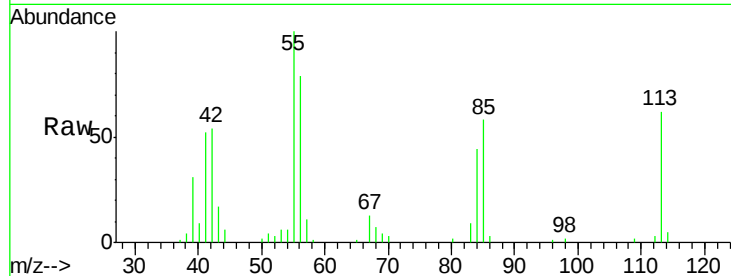




#35
 Caprolactam
 Concen: 31.72 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

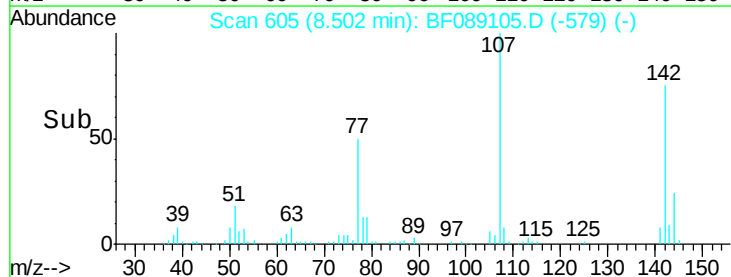
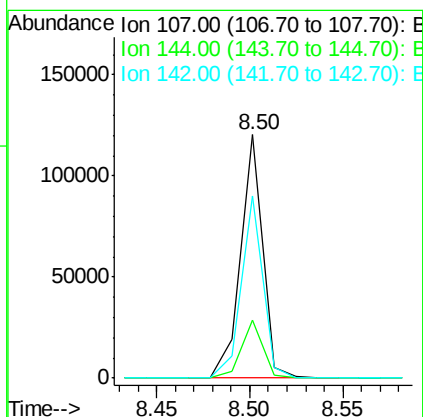
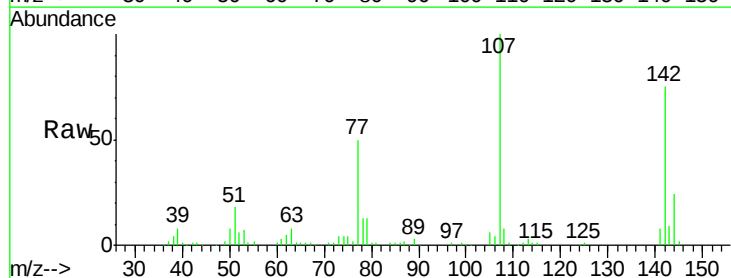
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

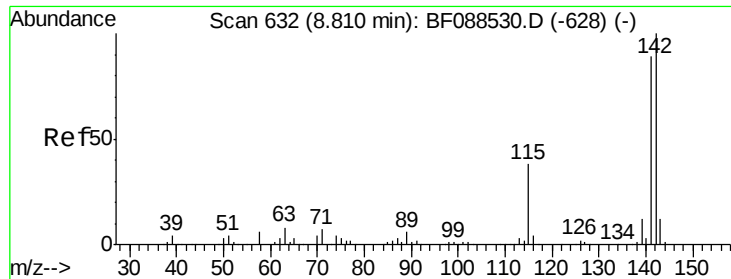
Tgt Ion:113 Resp: 23369
 Ion Ratio Lower Upper
 113 100
 55 162.1 158.6 198.6
 56 128.2 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.98 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:107 Resp: 100007
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.8 31.2
 142 74.8 63.4 95.2

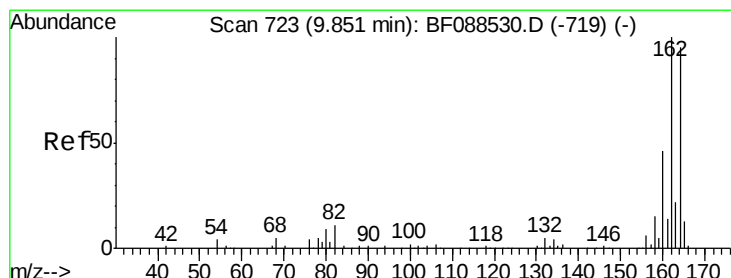
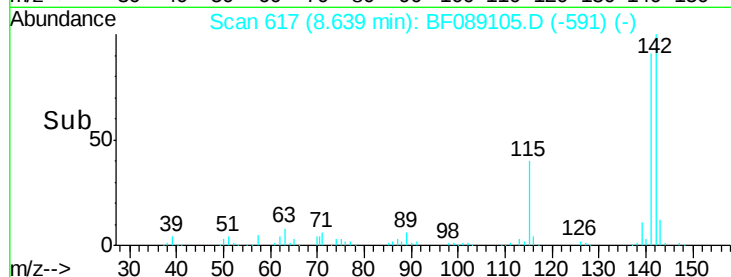
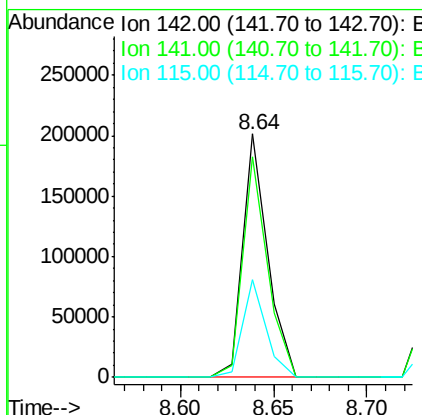
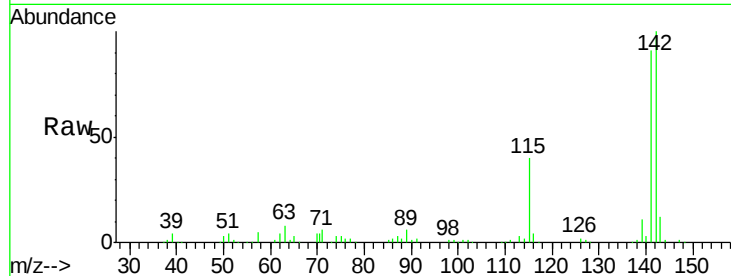




#37
 2-Methylnaphthalene
 Concen: 36.06 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

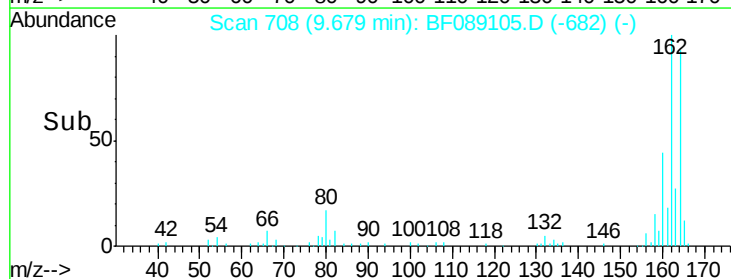
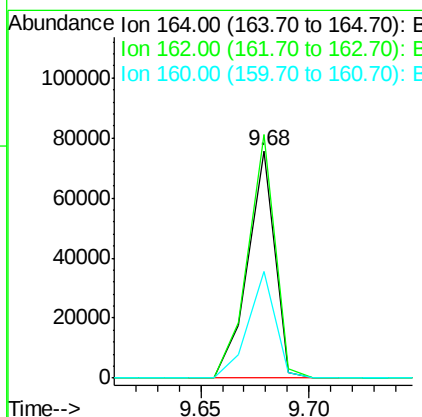
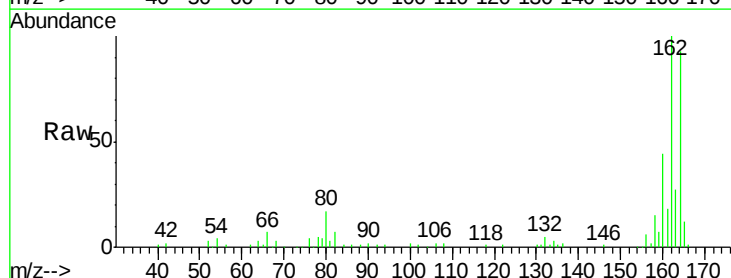
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:142 Resp: 186980
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.0 106.6
 115 40.3 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:164 Resp: 65328
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.4 128.2
 160 47.1 39.5 59.3

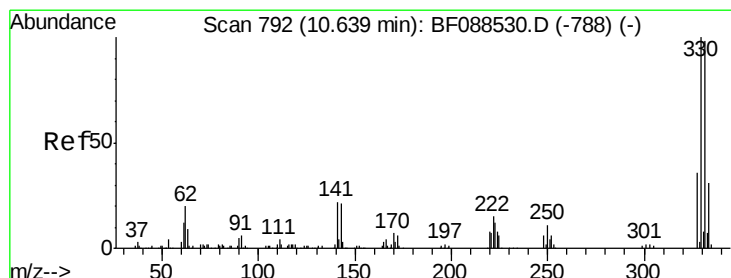
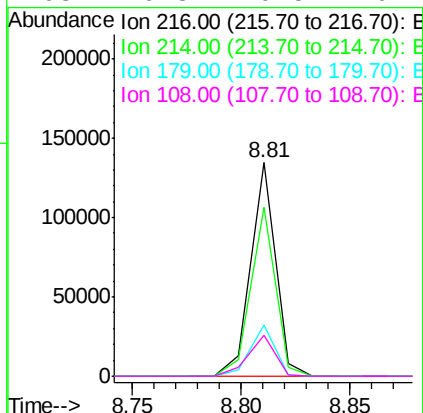
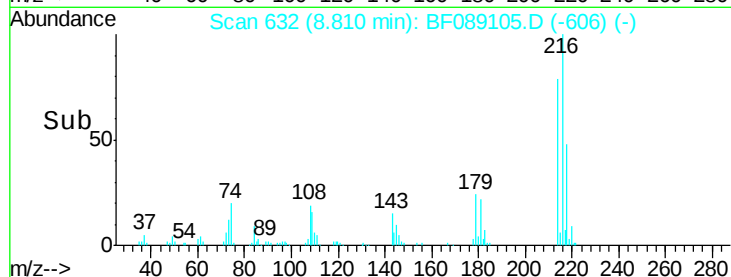
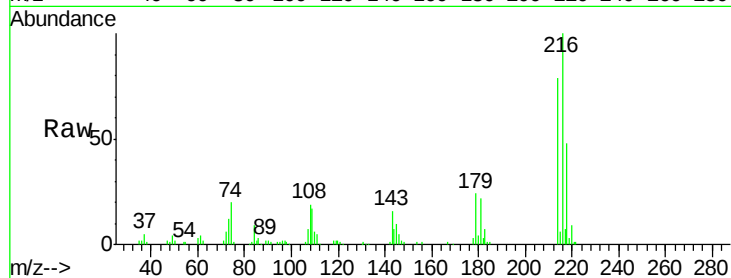




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.27 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

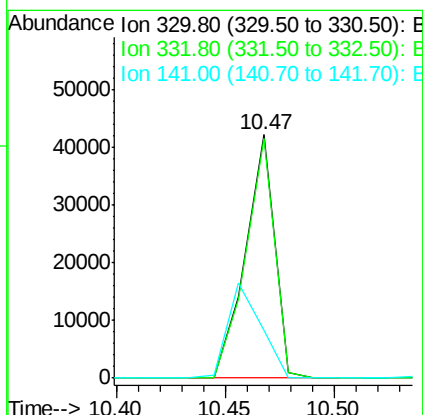
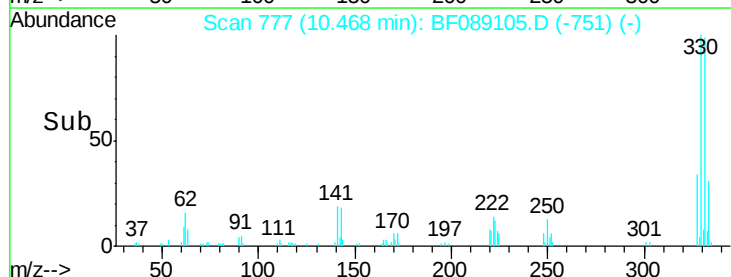
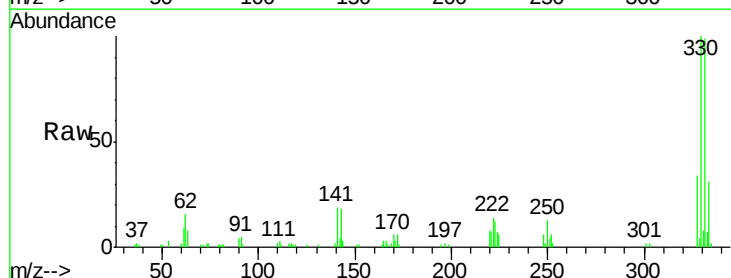
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

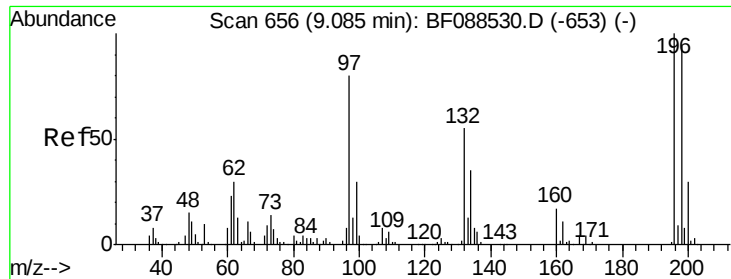
Tgt Ion:	216	Resp:	107054
Ion	Ratio	Lower	Upper
216	100		
214	79.1	2.9	4.3#
179	24.0	0.0	0.0#
108	20.3	0.5	0.7#



#41
 2,4,6-Tribromophenol
 Concen: 64.76 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:	330	Resp:	39283
Ion	Ratio	Lower	Upper
330	100		
332	98.2	0.0	0.0#
141	43.7	0.0	0.0#

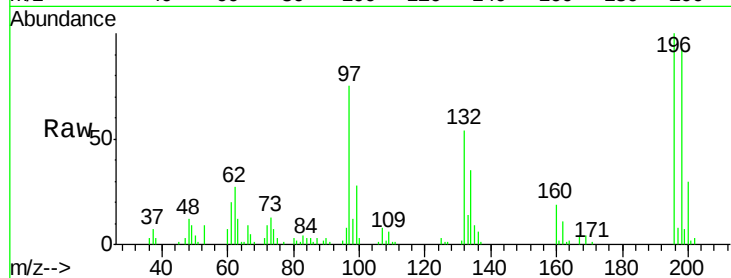




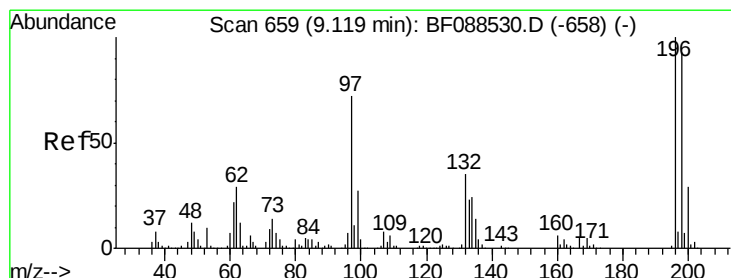
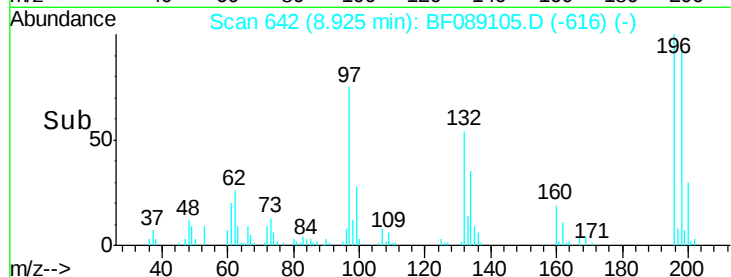
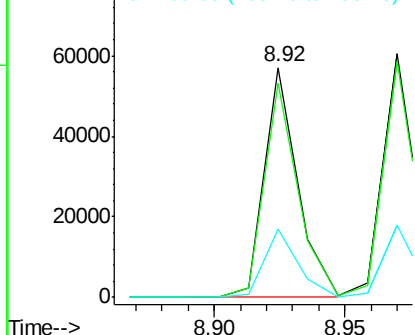
#42
 2,4,6-Trichlorophenol
 Concen: 35.64 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 51058
 Ion Ratio Lower Upper
 196 100
 198 93.3 78.0 117.0
 200 29.6 25.4 38.2

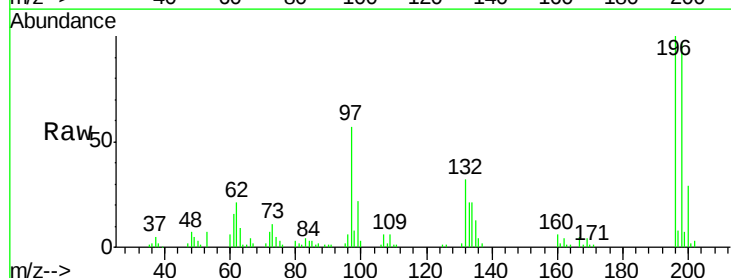


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

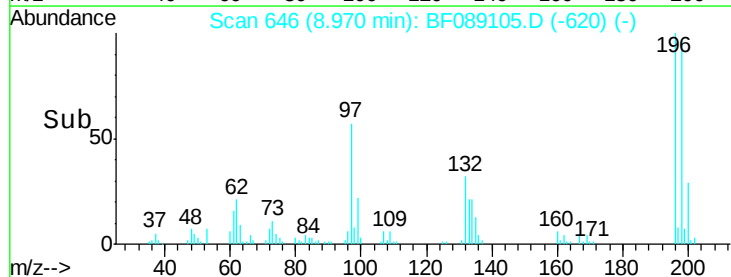
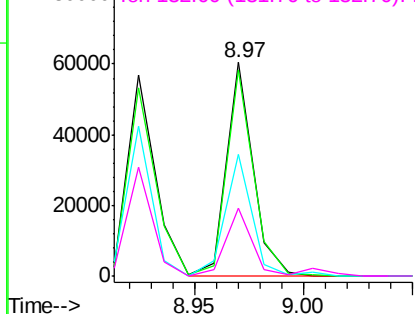


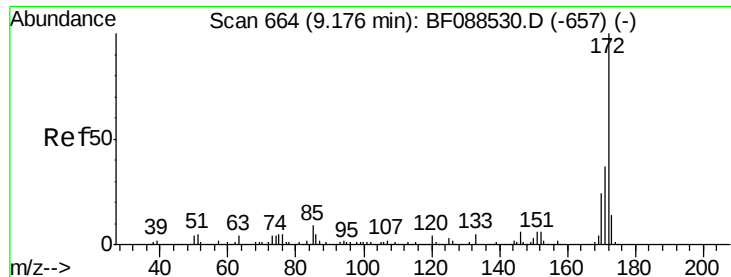
#43
 2,4,5-Trichlorophenol
 Concen: 41.36 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:196 Resp: 50976
 Ion Ratio Lower Upper
 196 100
 198 96.7 77.5 116.3
 97 57.0 32.0 48.0#
 132 31.7 20.9 31.3#



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: 92.43 ng

RT: 9.00 min Scan# 649

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

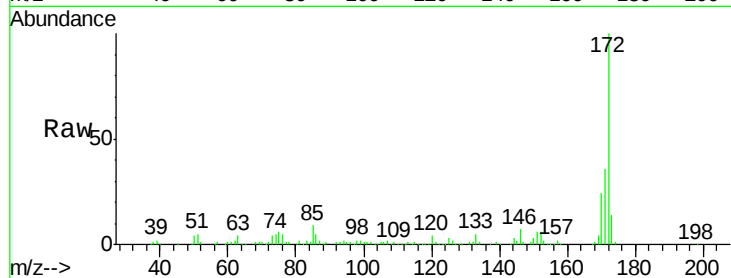
Tgt Ion:172 Resp: 382278

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

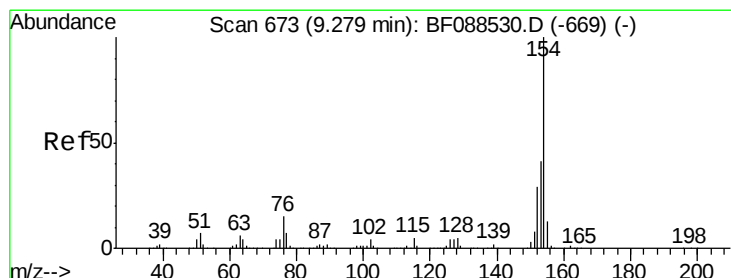
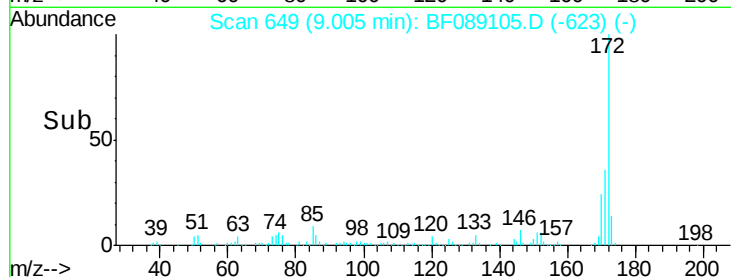
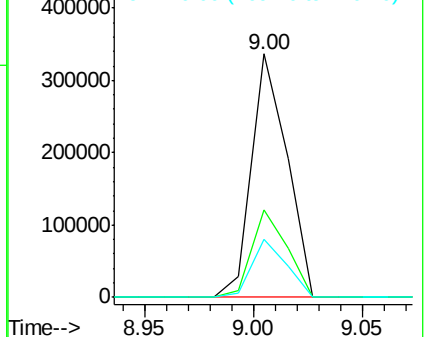
170 23.6 19.2 28.8



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: 49.71 ng

RT: 9.11 min Scan# 658

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

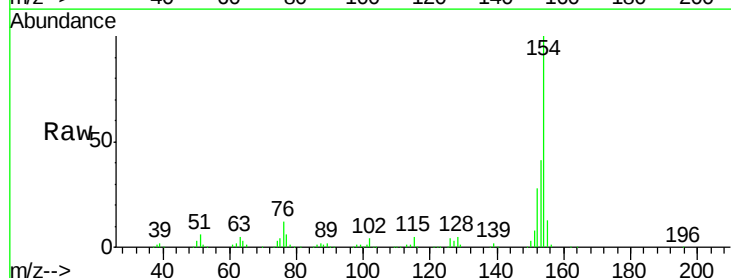
Tgt Ion:154 Resp: 268896

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

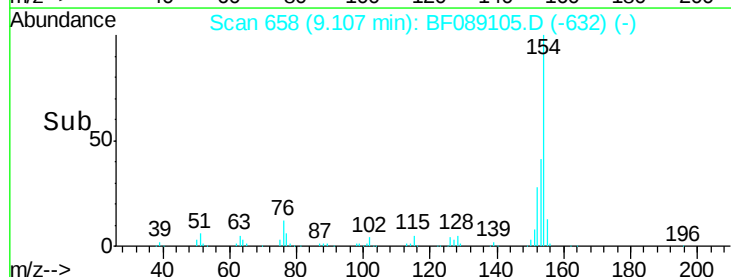
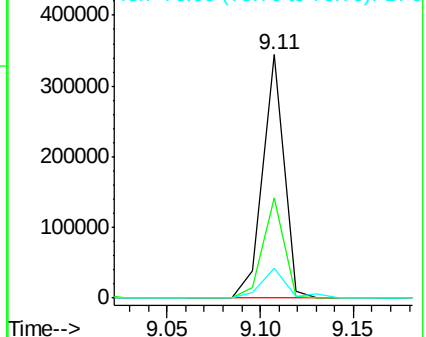
76 12.1 0.0 35.1

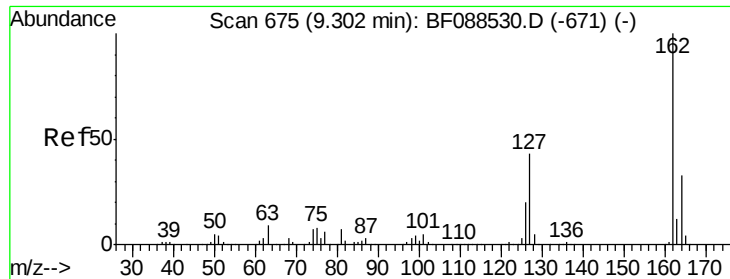


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

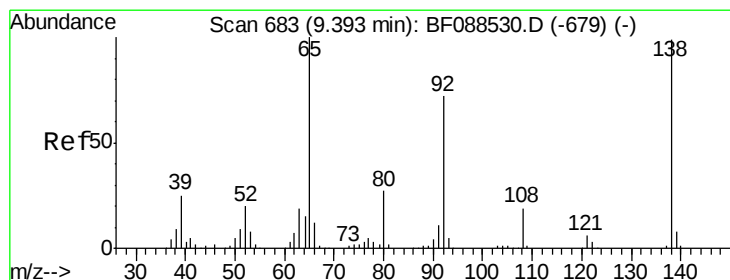
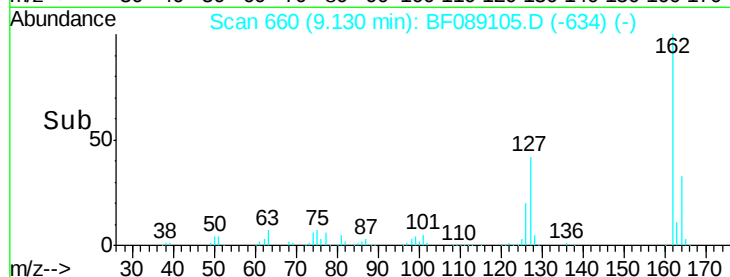
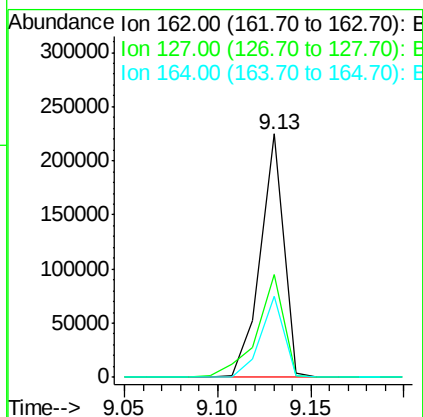
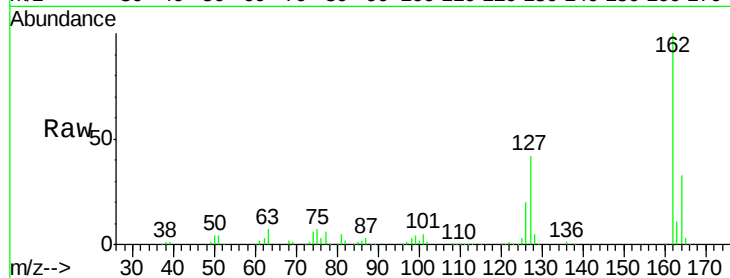




#46
 2-Chloronaphthalene
 Concen: 45.56 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

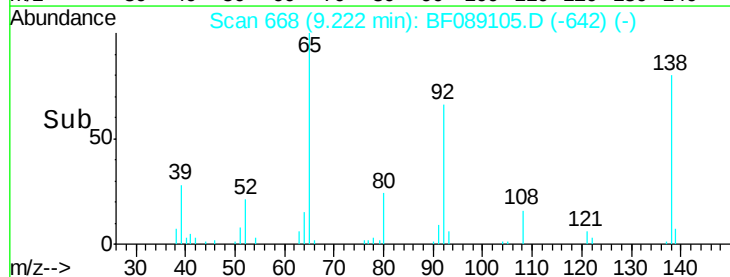
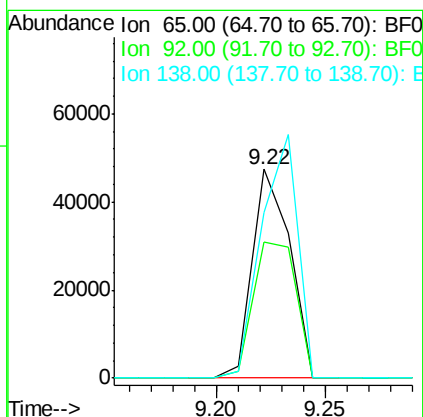
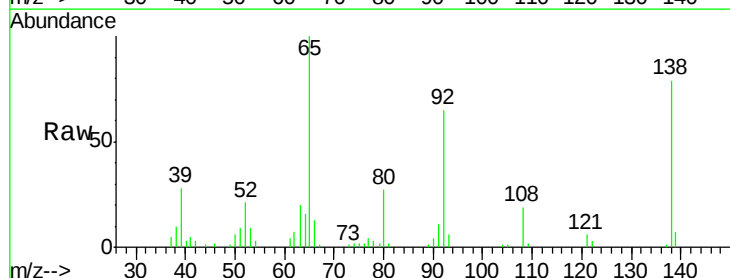
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 162 Resp: 193465
 Ion Ratio Lower Upper
 162 100
 127 42.4 35.2 52.8
 164 33.1 26.6 39.8



#47
 2-Nitroaniline
 Concen: 37.77 ng
 RT: 9.22 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion: 65 Resp: 56925
 Ion Ratio Lower Upper
 65 100
 92 65.2 54.6 82.0
 138 79.1 77.0 115.4





#48

Acenaphthylene

Concen: 42.61 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

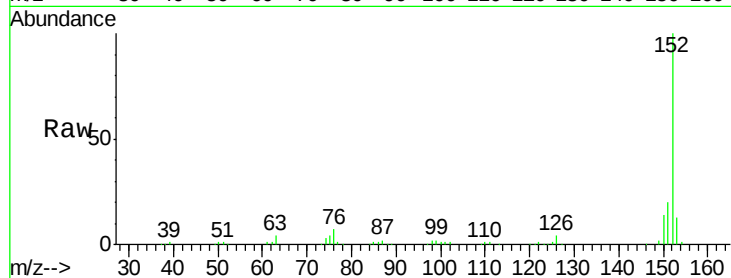
Tgt Ion:152 Resp: 287902

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.4

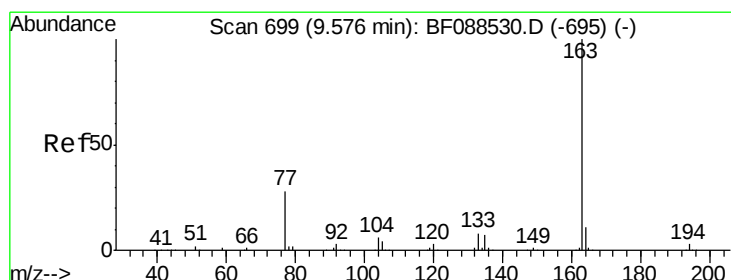
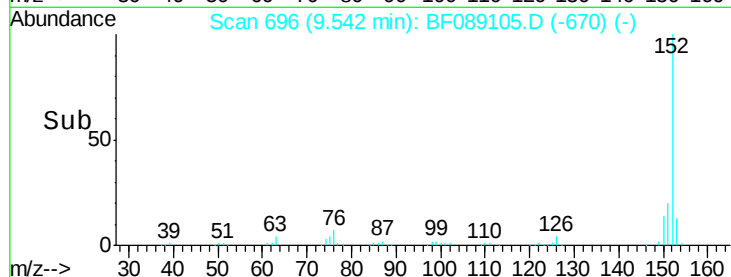
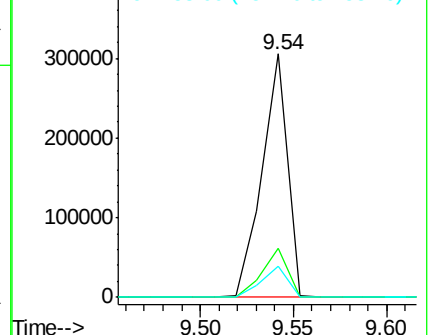
153 12.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 45.18 ng

RT: 9.42 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

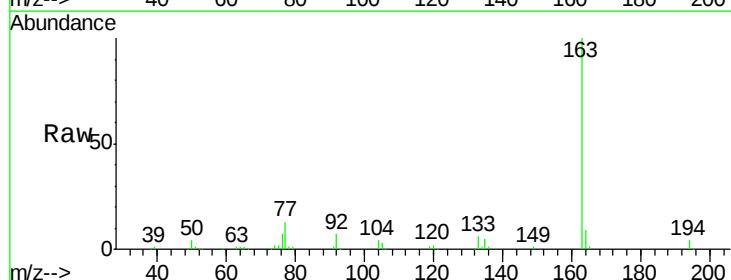
Tgt Ion:163 Resp: 210273

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

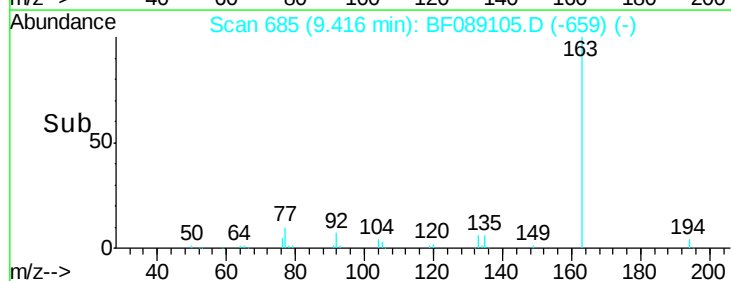
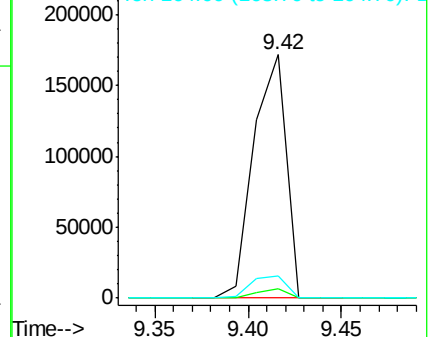
164 9.0 8.3 12.5

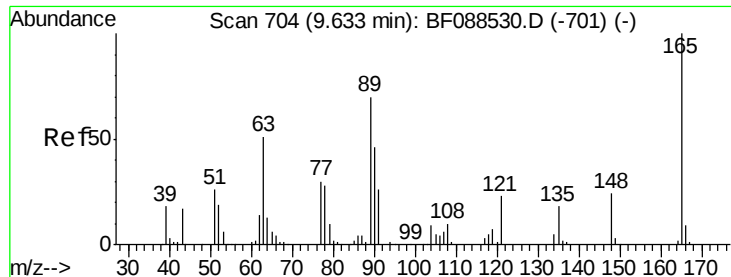


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

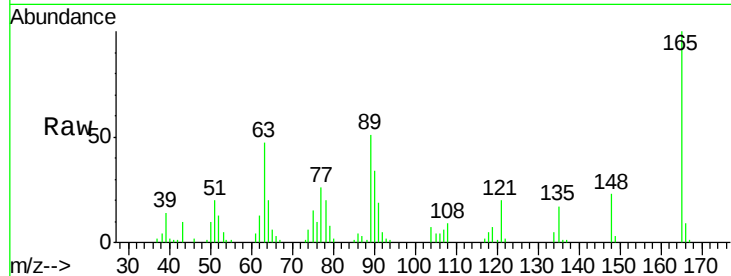




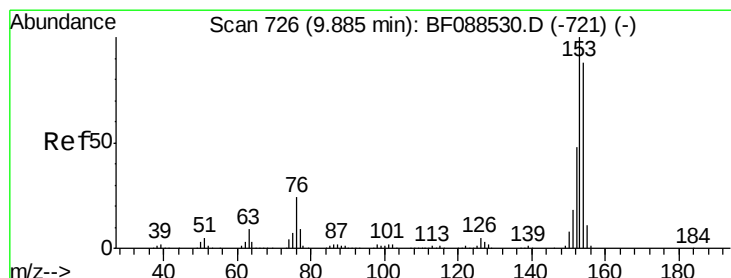
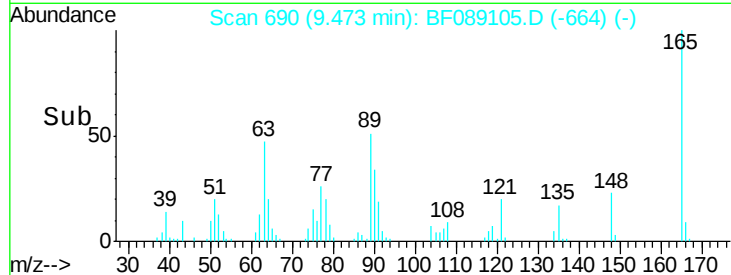
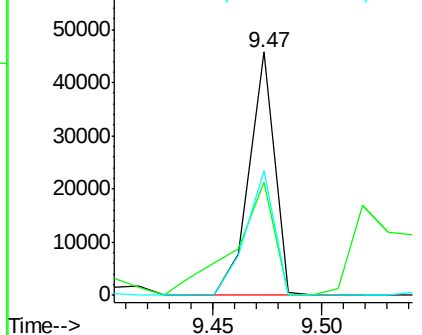
#50
 2,6-Dinitrotoluene
 Concen: 36.05 ng
 RT: 9.47 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.6	28.1	42.1#
89	51.4	32.2	48.2#

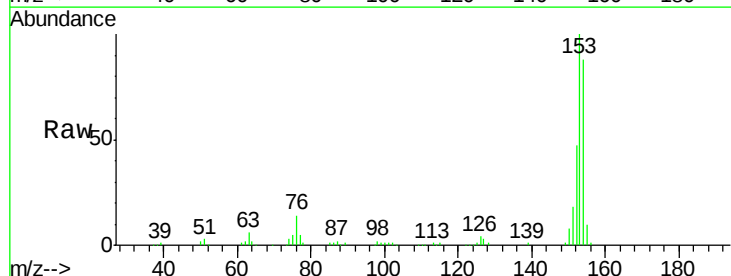


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

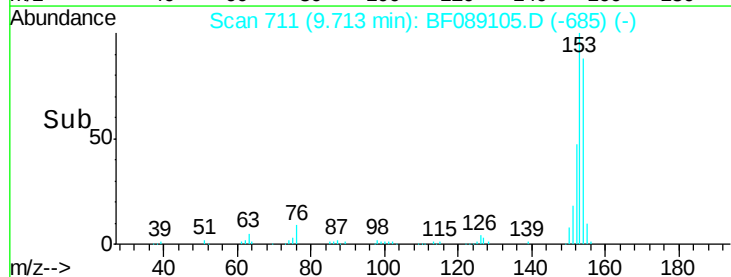
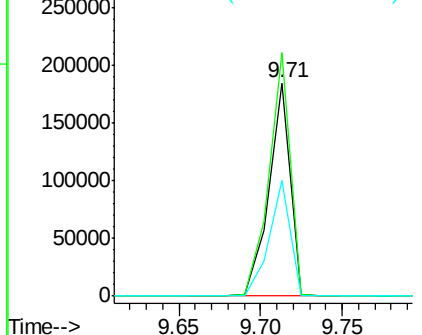


#51
 Acenaphthene
 Concen: 40.56 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.5	134.3
152	54.1	42.7	64.1



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: 37.60 ng

RT: 9.63 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

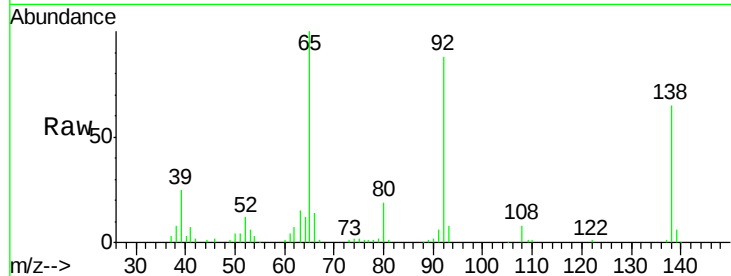
Tgt Ion:138 Resp: 49309

Ion Ratio Lower Upper

138 100

108 12.6 8.5 12.7

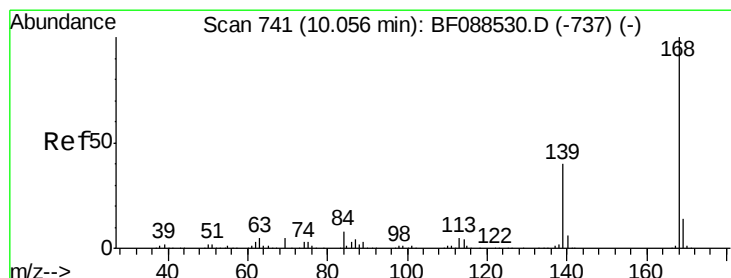
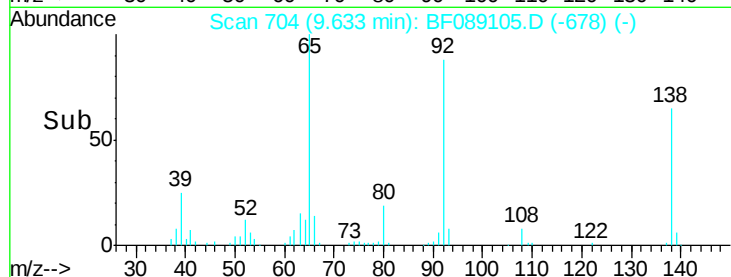
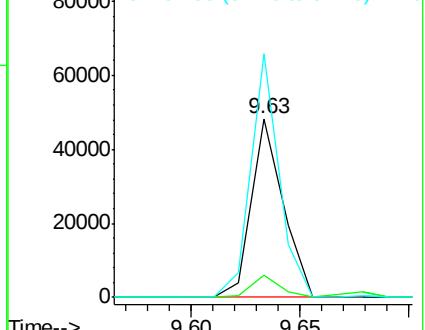
92 136.2 95.7 143.5



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



#54

Dibenzofuran

Concen: 40.81 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

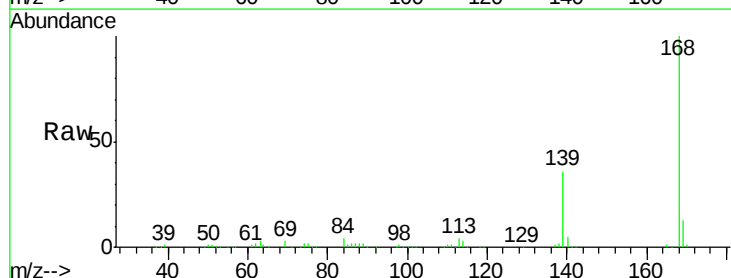
Tgt Ion:168 Resp: 221260

Ion Ratio Lower Upper

168 100

139 36.2 26.4 39.6

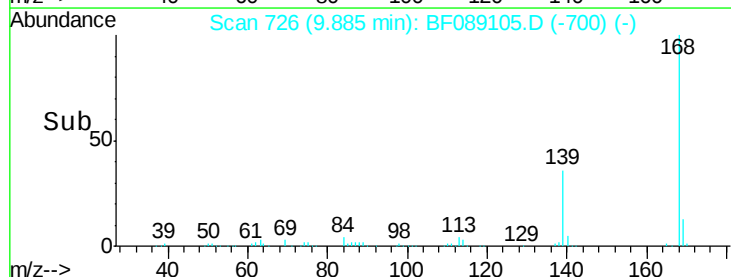
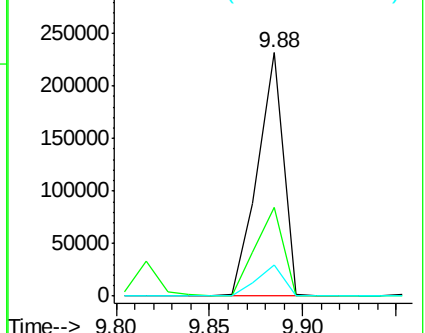
169 12.6 10.4 15.6

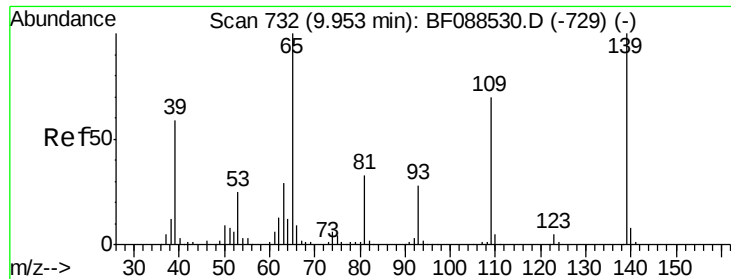


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 29.22 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

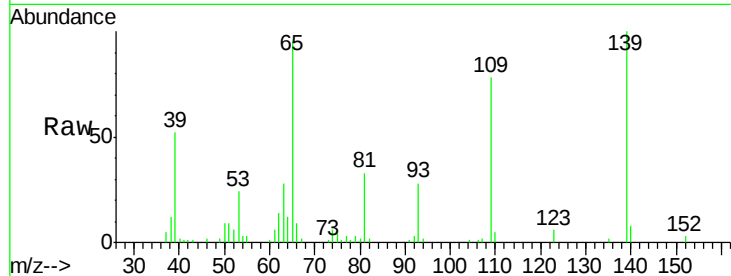
Tgt Ion:139 Resp: 29120

Ion Ratio Lower Upper

139 100

109 78.3 48.9 88.9

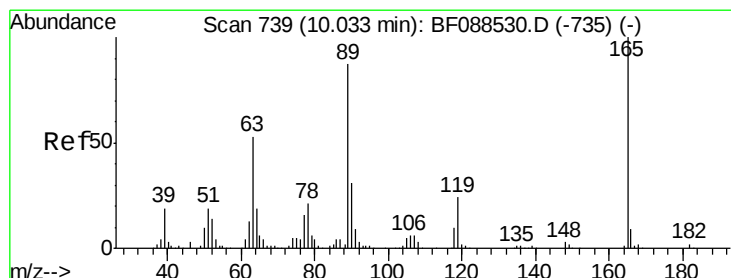
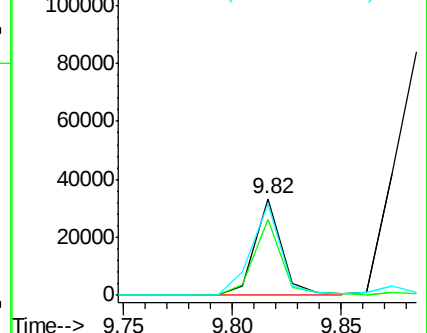
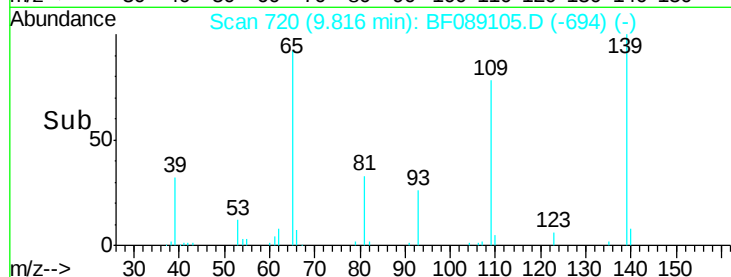
65 95.0 84.9 124.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 30.53 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Tgt Ion:165 Resp: 41175

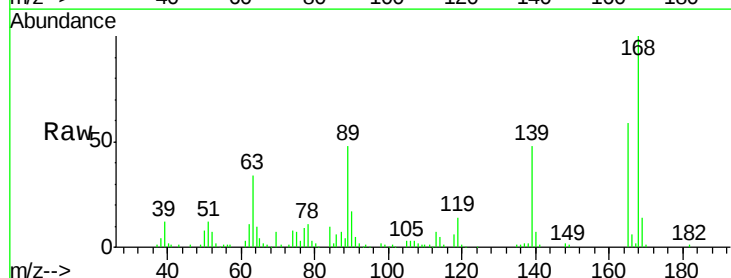
Ion Ratio Lower Upper

165 100

63 56.6 22.0 33.0#

89 81.7 41.1 61.7#

182 2.3 2.0 3.0

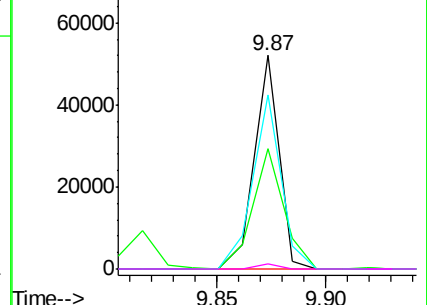
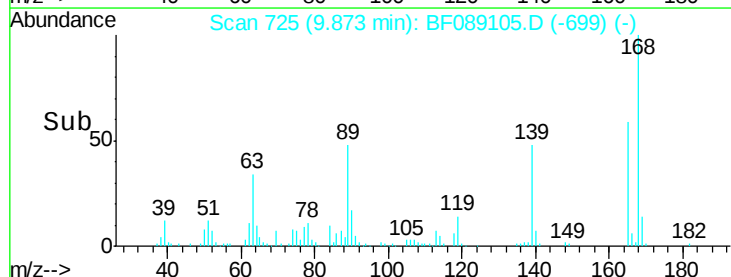


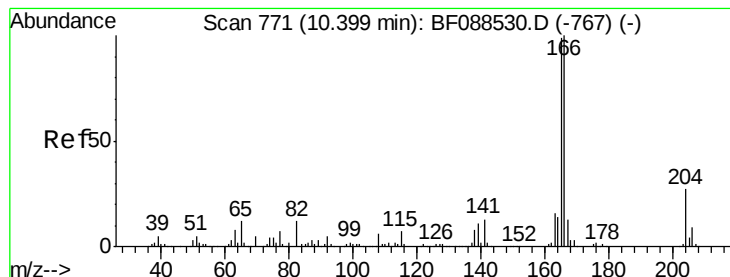
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 41.05 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

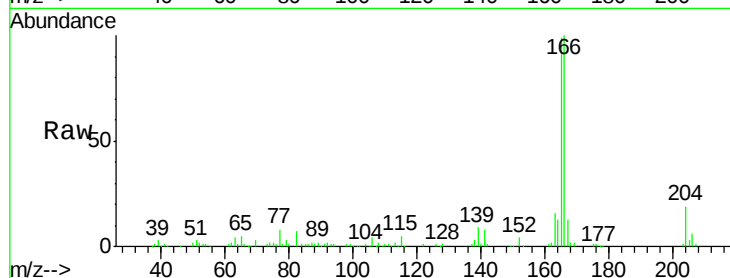
Tgt Ion:166 Resp: 171499

Ion Ratio Lower Upper

166 100

165 98.8 77.8 116.8

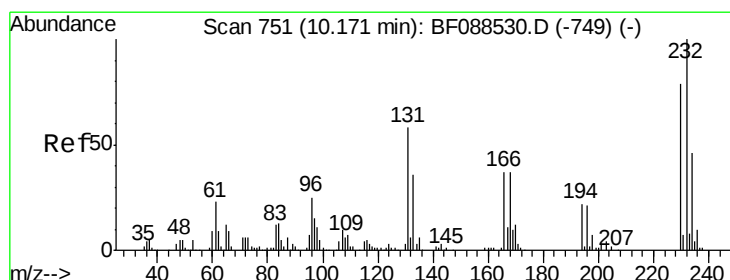
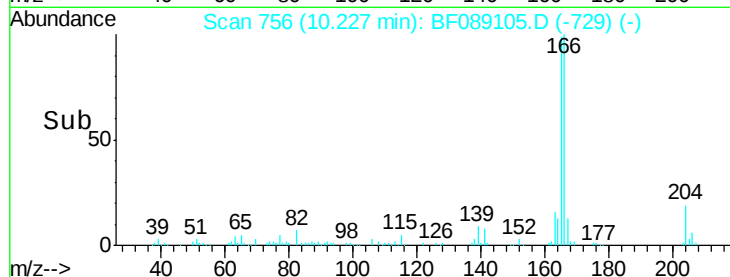
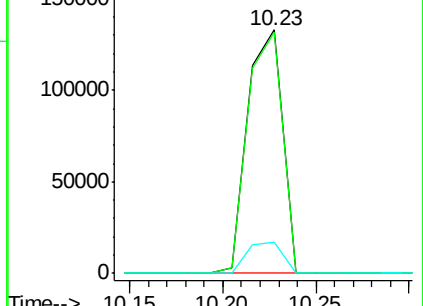
167 12.7 11.2 16.8



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: 32.66 ng

RT: 10.01 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Tgt Ion:232 Resp: 31146

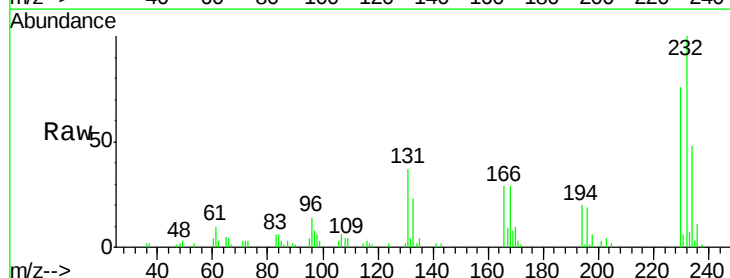
Ion Ratio Lower Upper

232 100

131 54.0 0.9 1.3#

130 2.8 1.5 2.3#

166 35.3 0.5 0.7#

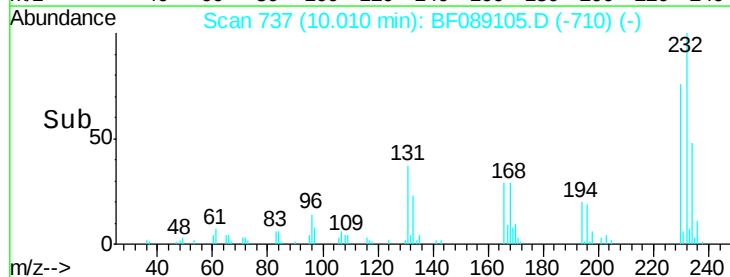
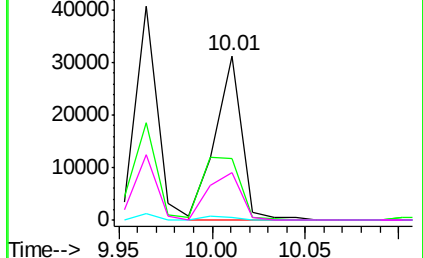


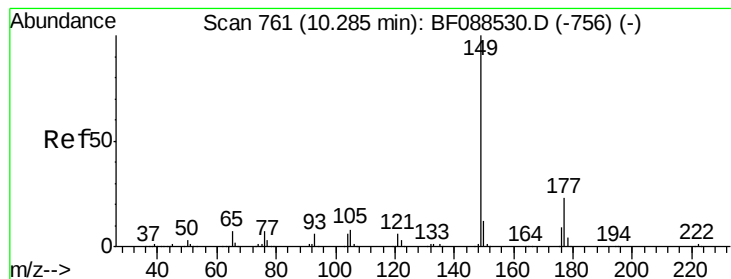
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.68 ng

RT: 10.11 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

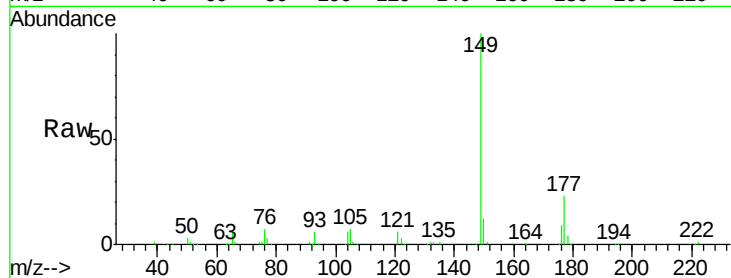
Tgt Ion:149 Resp: 204027

Ion Ratio Lower Upper

149 100

177 23.0 16.9 25.3

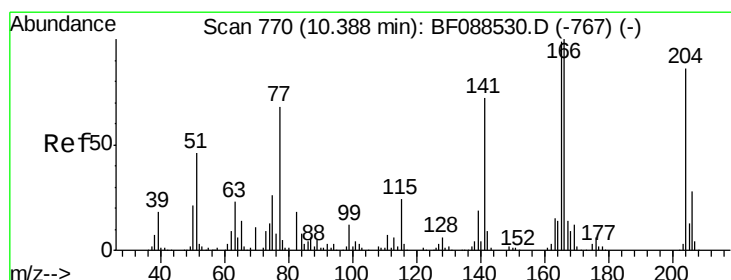
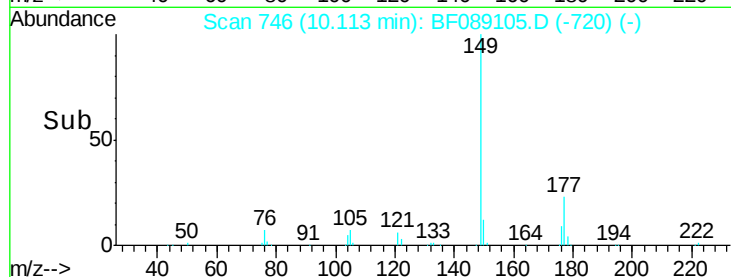
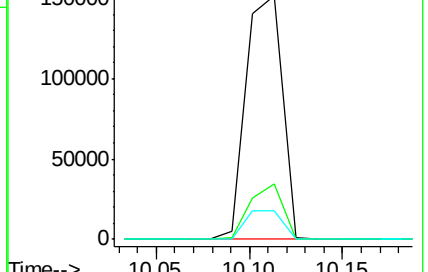
150 11.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.88 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

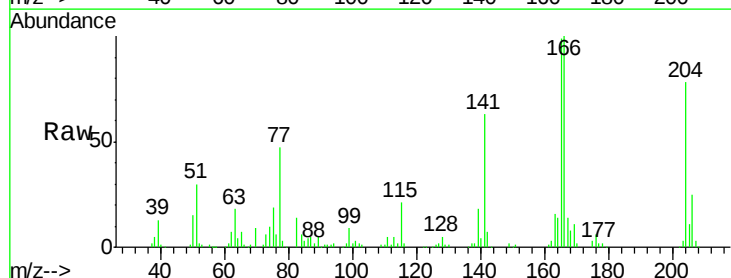
Tgt Ion:204 Resp: 79354

Ion Ratio Lower Upper

204 100

206 32.1 26.3 39.5

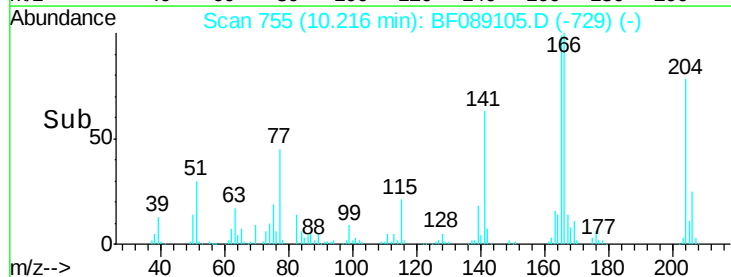
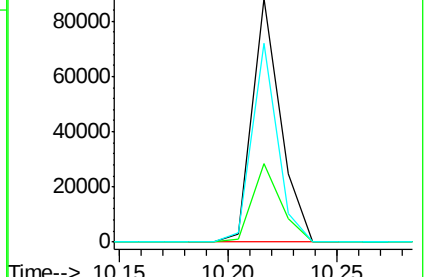
141 81.8 55.0 82.6

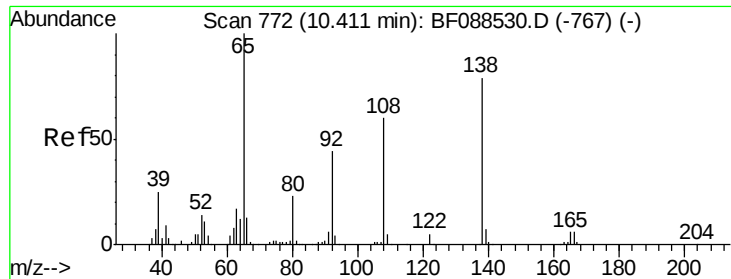


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

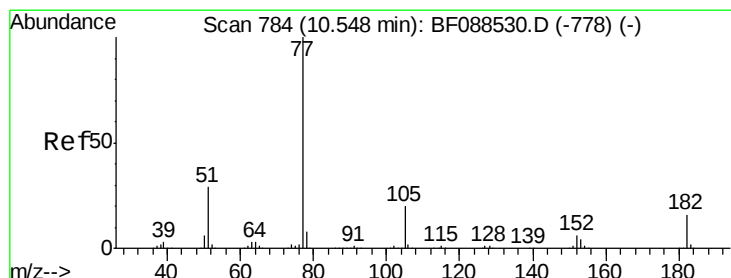
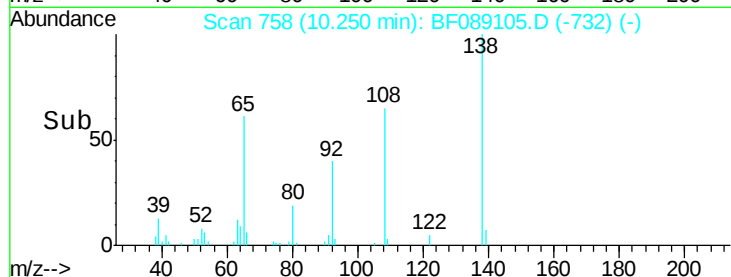
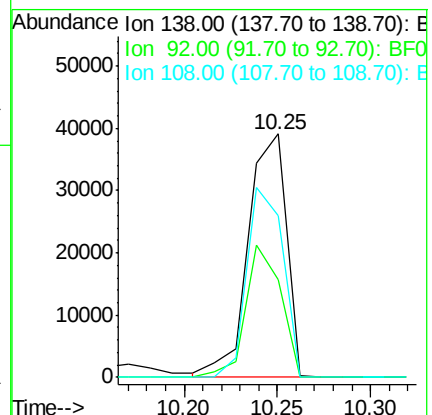
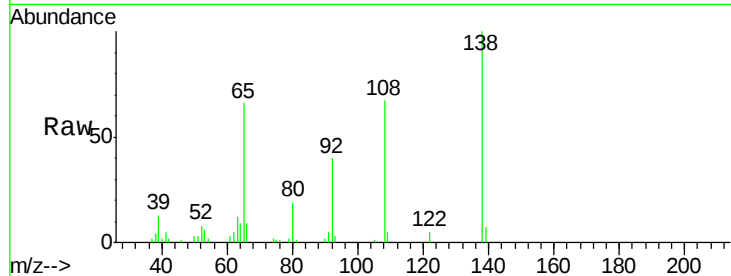




#61
4-Nitroaniline
Concen: 43.90 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

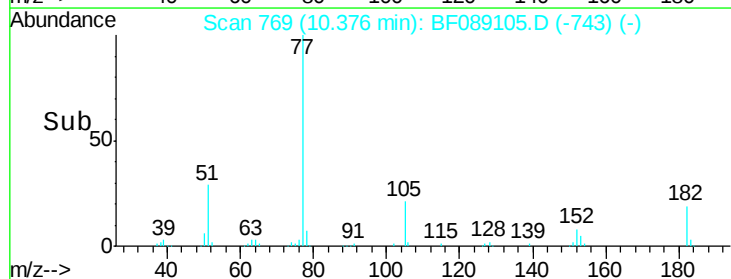
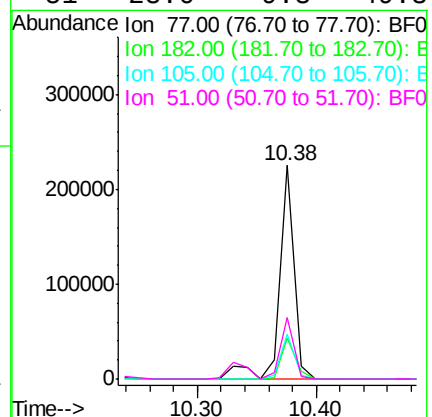
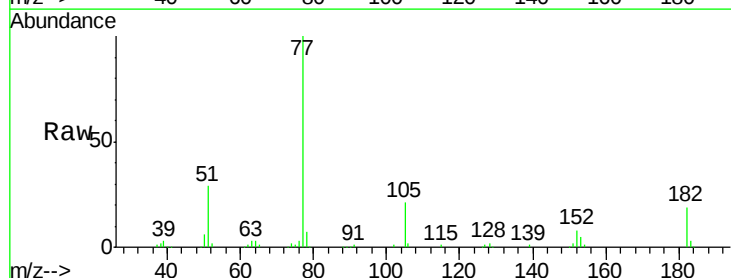
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

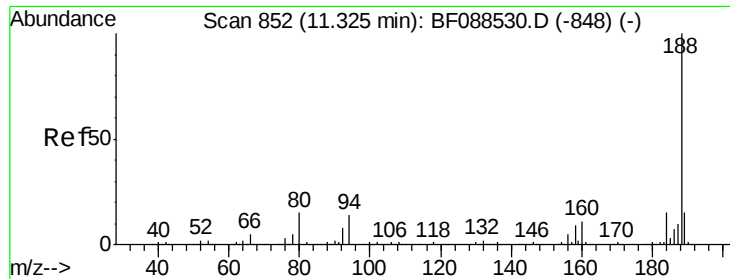
Tgt Ion: 138 Resp: 55398
Ion Ratio Lower Upper
138 100
92 40.1 27.3 67.3
108 66.7 46.7 86.7



#62
Azobenzene
Concen: 36.62 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion: 77 Resp: 195091
Ion Ratio Lower Upper
77 100
182 19.3 4.4 44.4
105 21.2 3.8 43.8
51 28.6 9.3 49.3

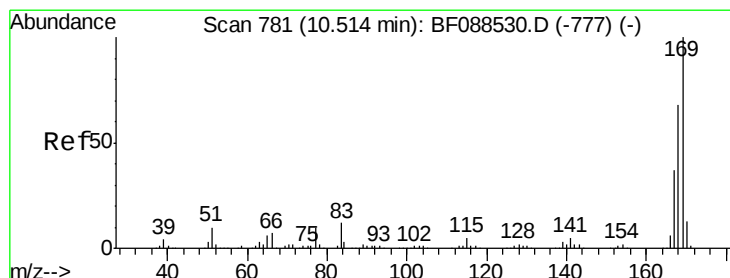
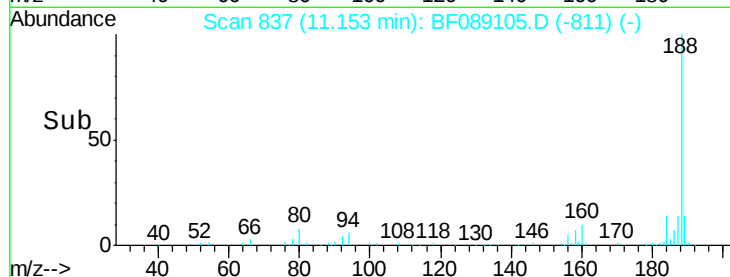
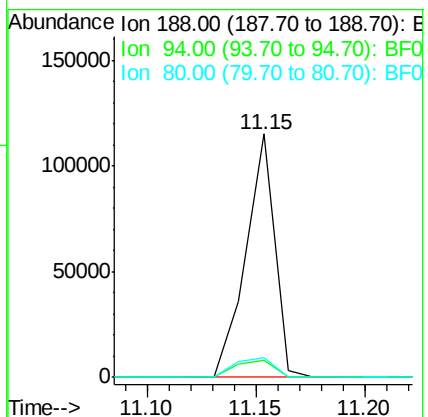
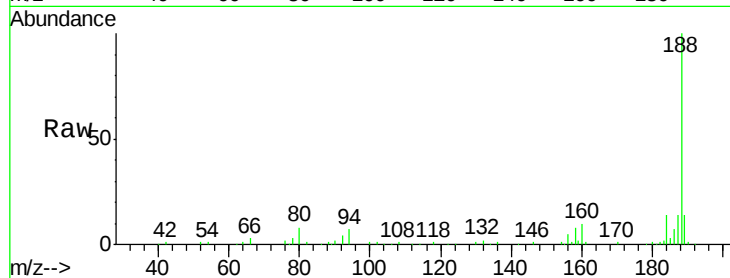




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

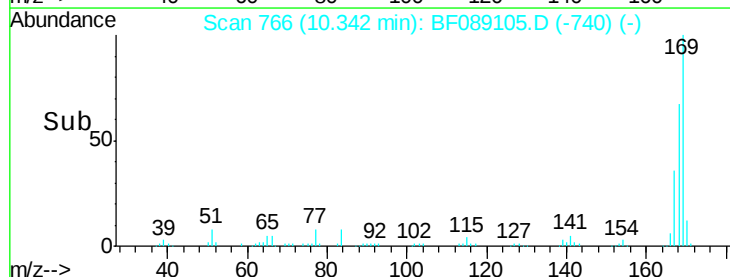
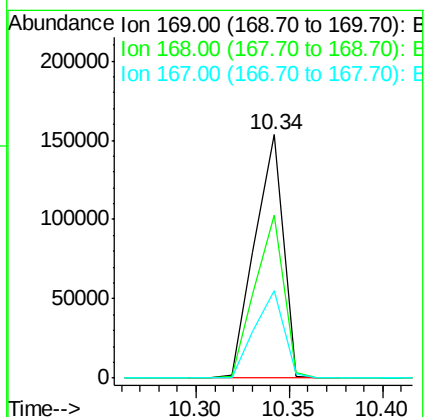
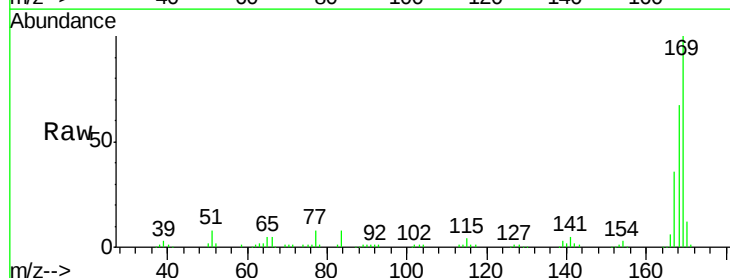
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

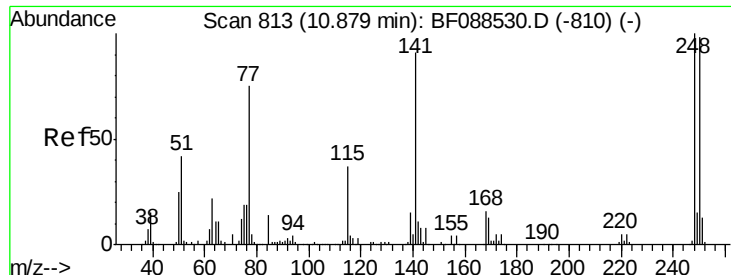
Tgt Ion:188 Resp: 106151
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 8.0 10.0 15.0#



#65
n-Nitrosodiphenylamine
Concen: 45.09 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion:169 Resp: 161992
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 36.0 29.4 44.0

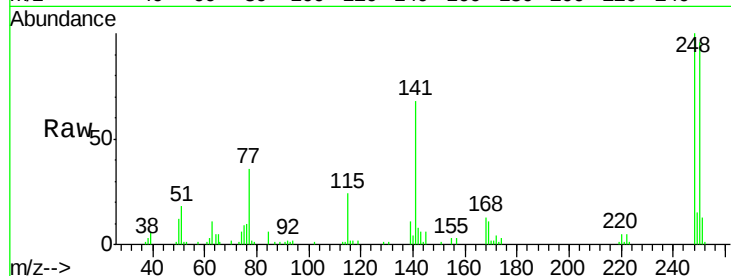




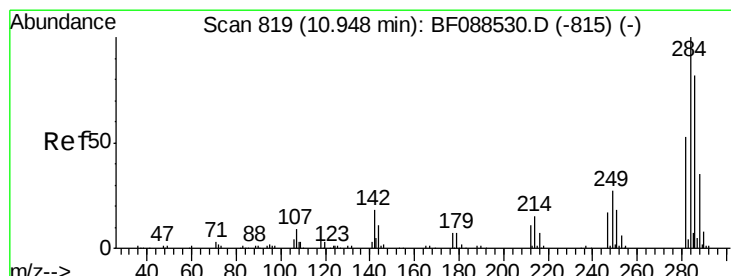
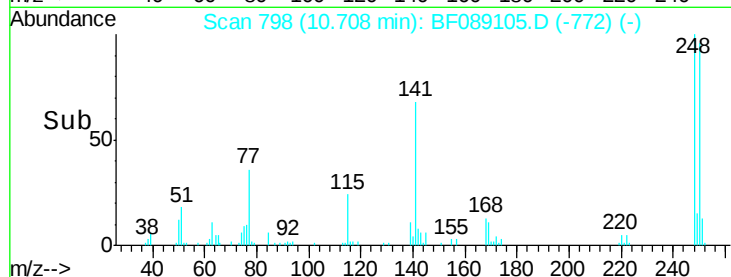
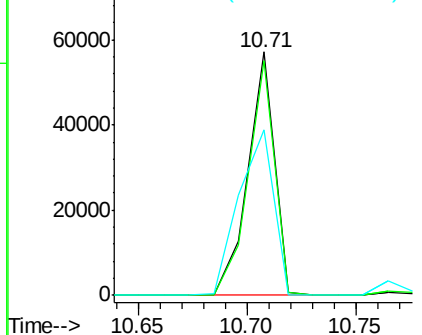
#66
4-Bromophenyl-phenylether
Concen: 45.23 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 48388
Ion Ratio Lower Upper
248 100
250 96.3 77.1 115.7
141 68.1 50.6 76.0

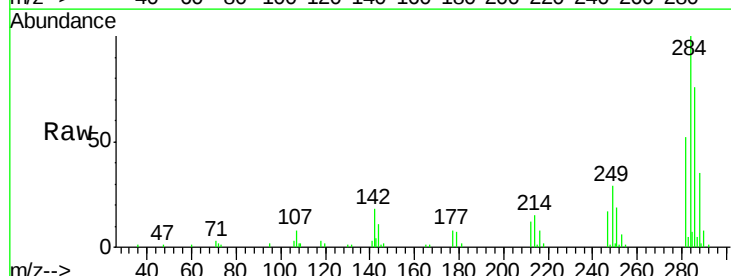


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

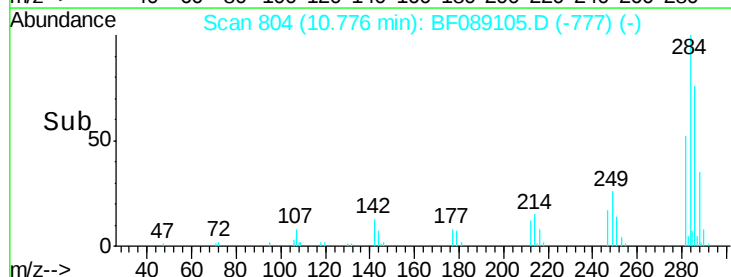
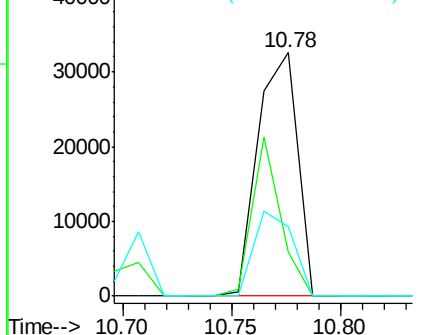


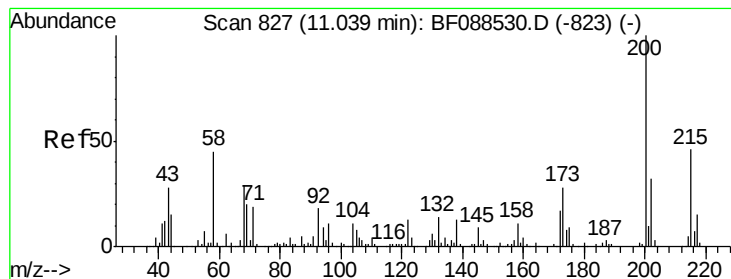
#67
Hexachlorobenzene
Concen: 35.07 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion:284 Resp: 41534
Ion Ratio Lower Upper
284 100
142 17.8 35.8 53.8#
249 28.8 25.8 38.6



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#68

Atrazine

Concen: 32.95 ng

RT: 10.87 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

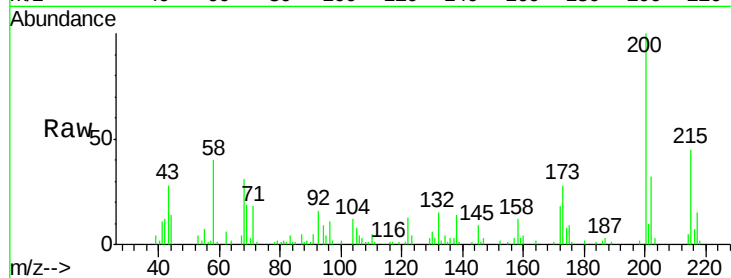
Tgt Ion:200 Resp: 36885

Ion Ratio Lower Upper

200 100

173 28.0 4.0 44.0

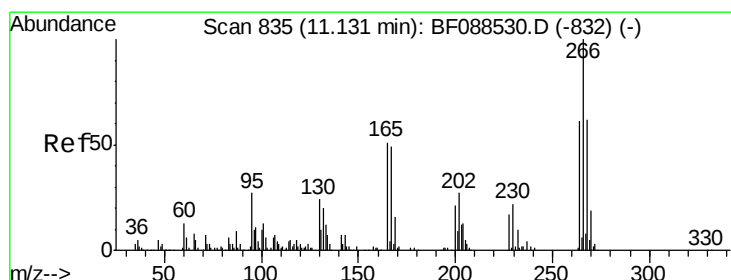
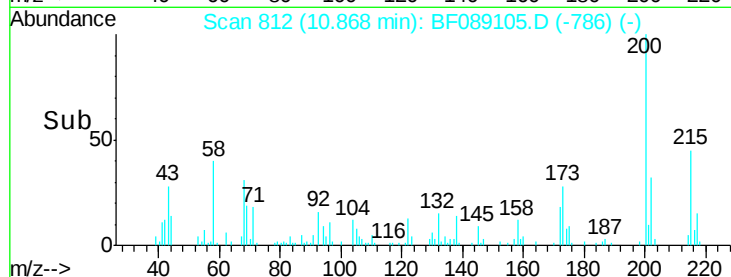
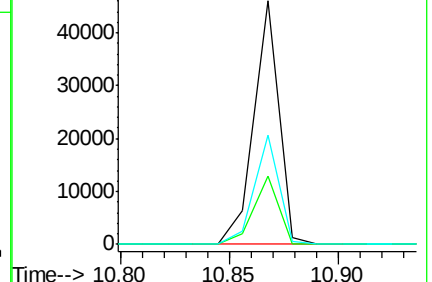
215 44.7 29.3 69.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 30.35 ng

RT: 10.97 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

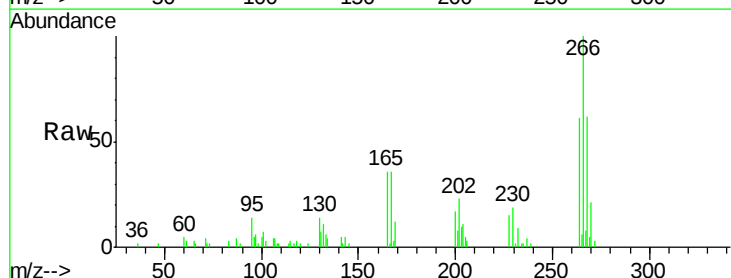
Tgt Ion:266 Resp: 21272

Ion Ratio Lower Upper

266 100

268 62.1 52.8 79.2

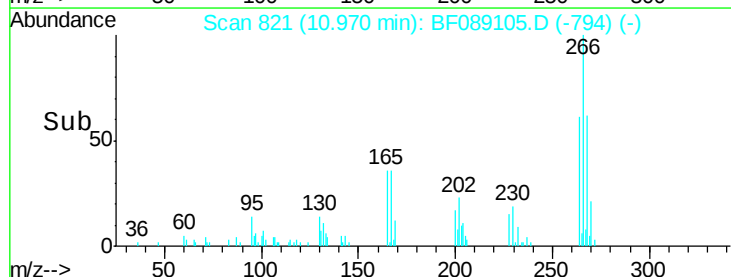
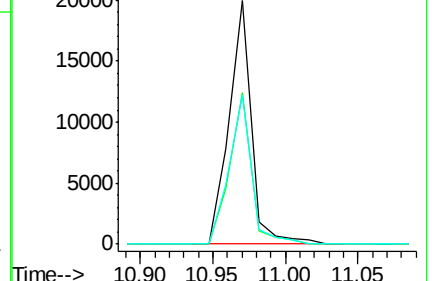
264 61.4 49.6 74.4

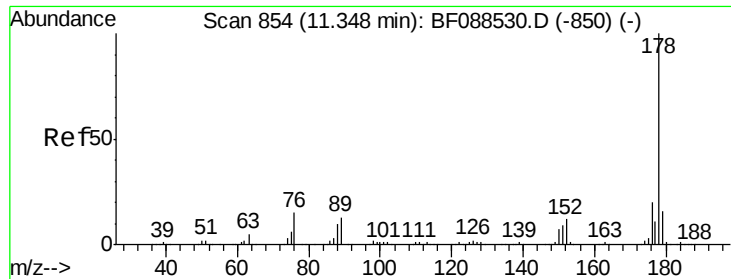


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

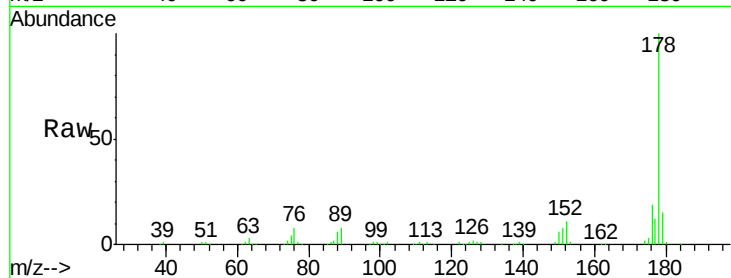




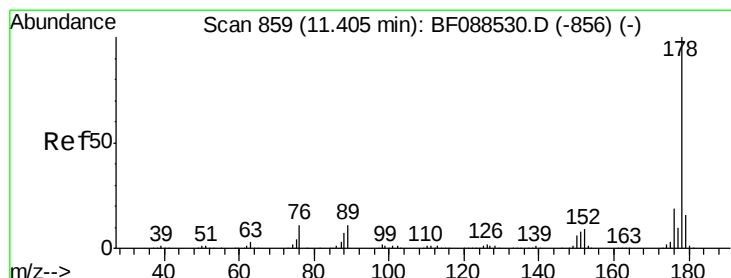
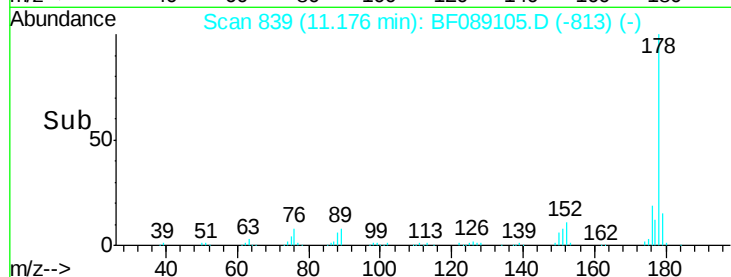
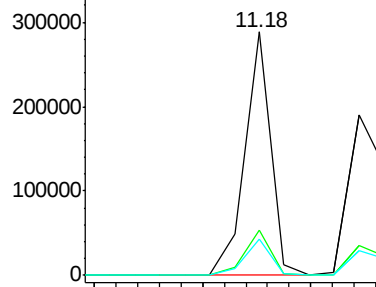
#70
 Phenanthrene
 Concen: 41.43 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 240423
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.6
 179 15.2 13.0 19.4

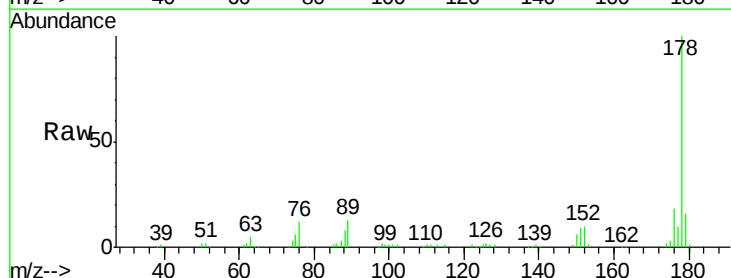


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

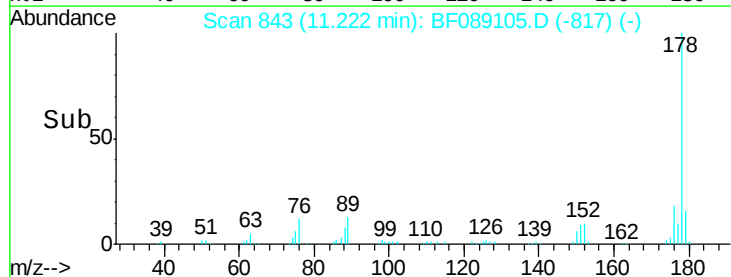
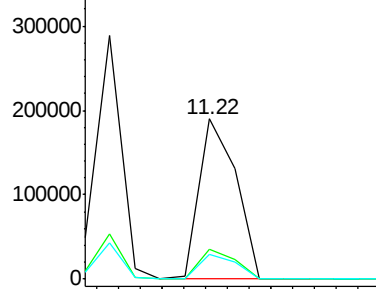


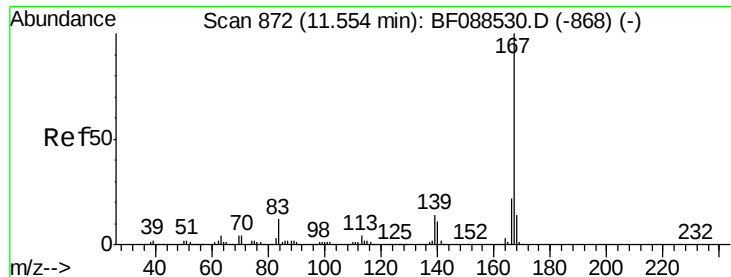
#71
 Anthracene
 Concen: 38.76 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:178 Resp: 223642
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.6 23.4
 179 15.6 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

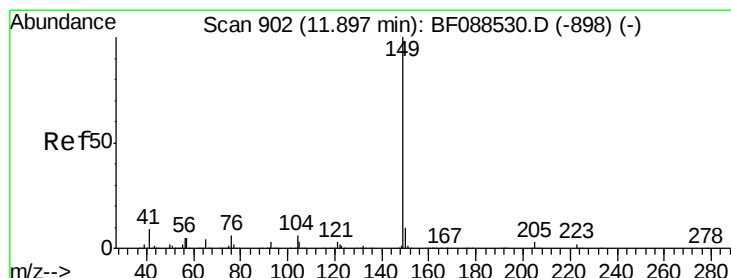
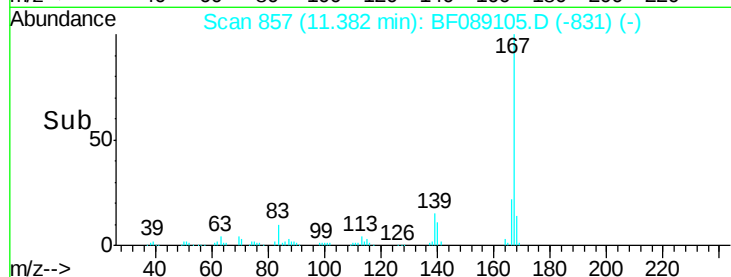
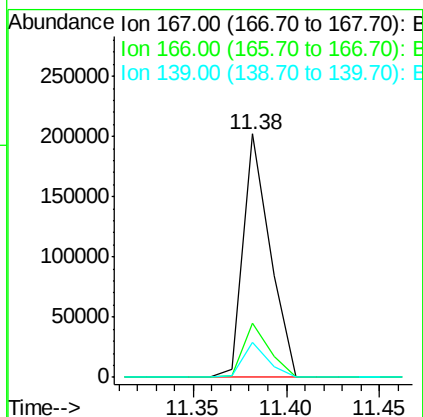
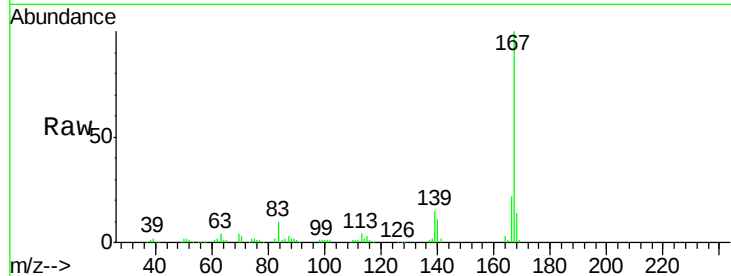




#72
 Carbazole
 Concen: 37.23 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

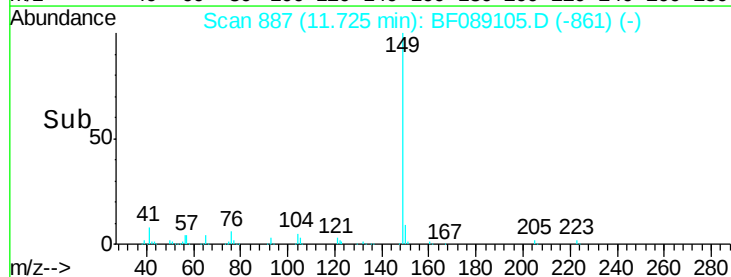
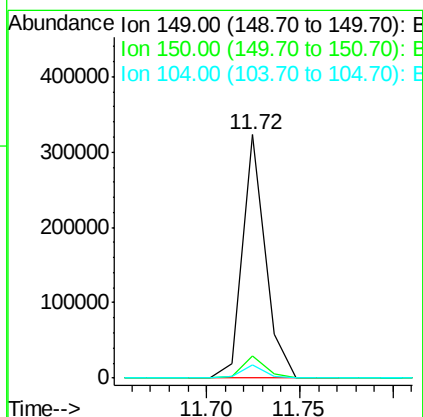
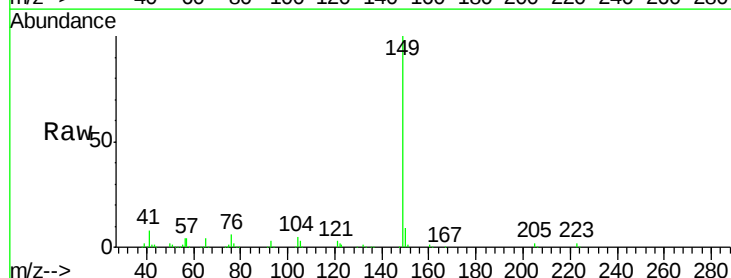
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

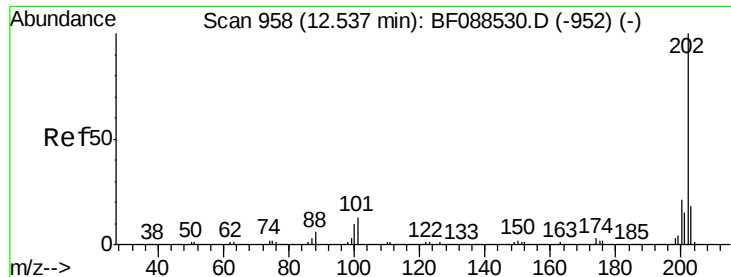
Tgt Ion:167 Resp: 202173
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.6
 139 14.5 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 43.61 ng
 RT: 11.72 min Scan# 887
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion:149 Resp: 275492
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 5.5 4.0 6.0

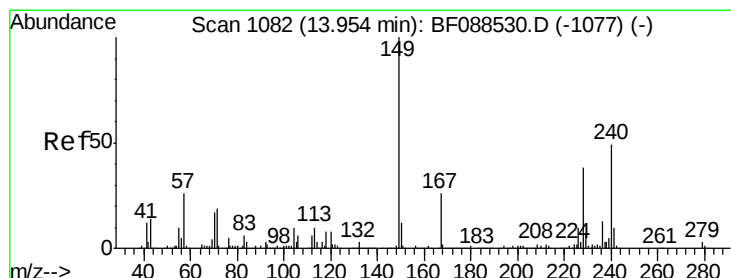
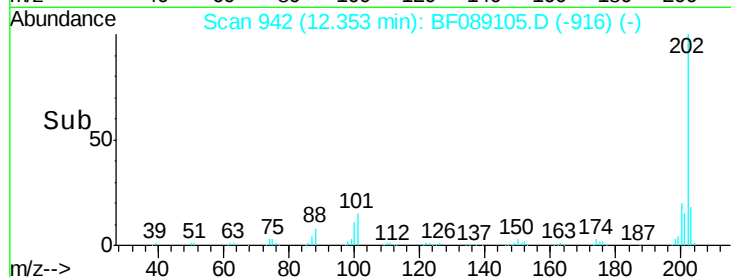
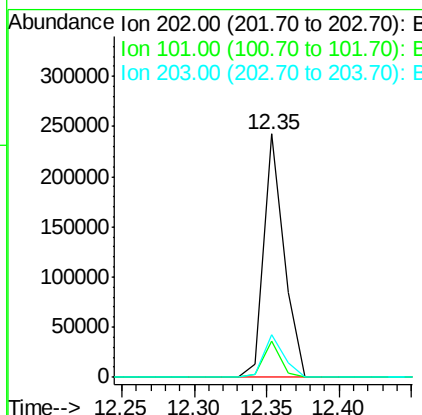
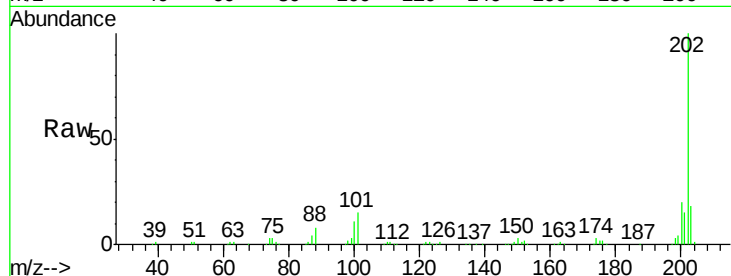




#74
Fluoranthene
Concen: 39.84 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

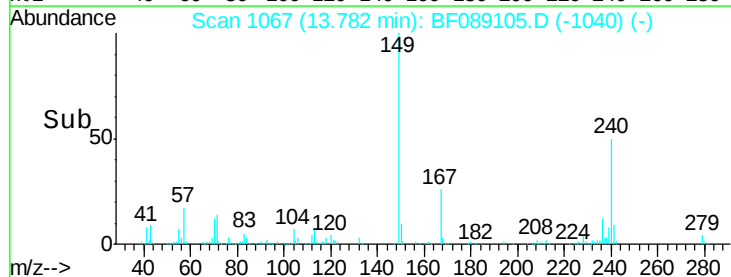
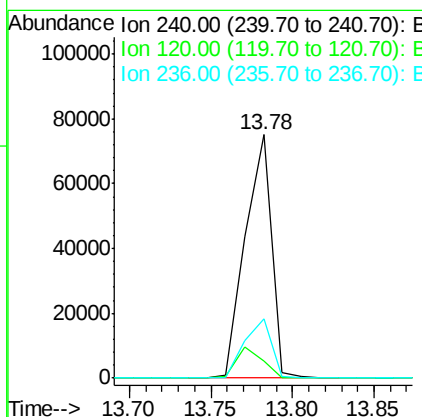
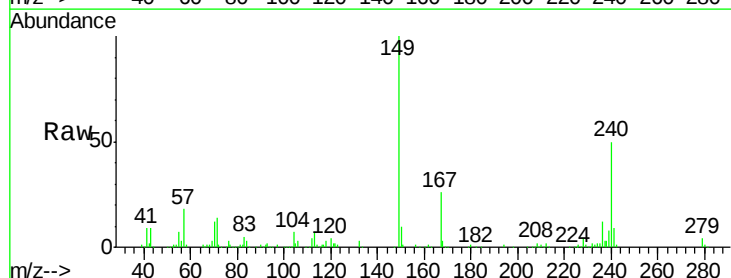
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

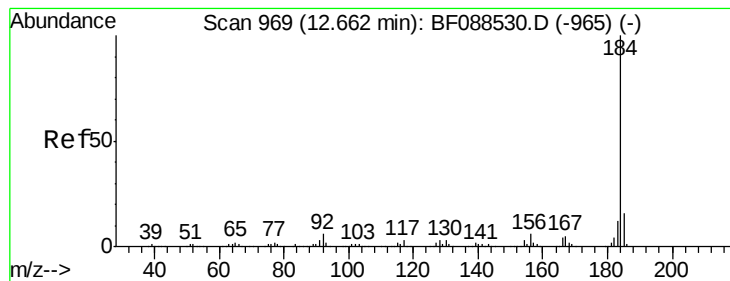
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.1
203	17.6	0.0	38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.1	6.8	10.2
236	24.6	20.2	30.2





#76

Benzidine

Concen: 55.77 ng

RT: 12.49 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

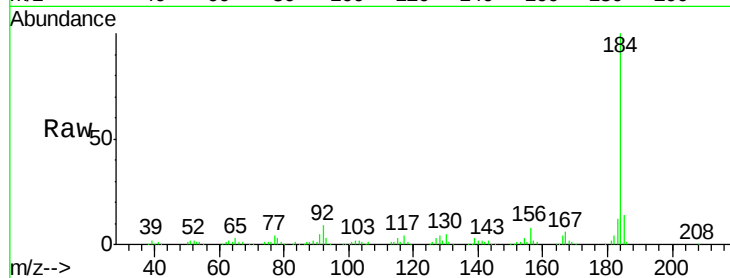
Tgt Ion:184 Resp: 235409

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

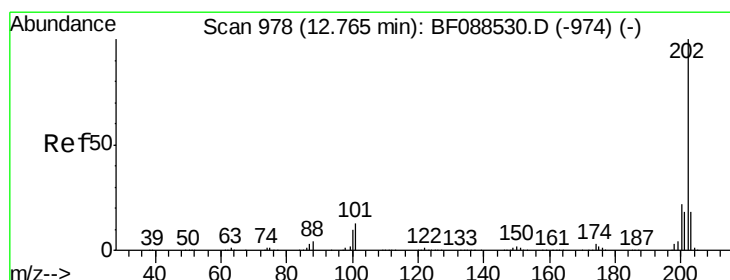
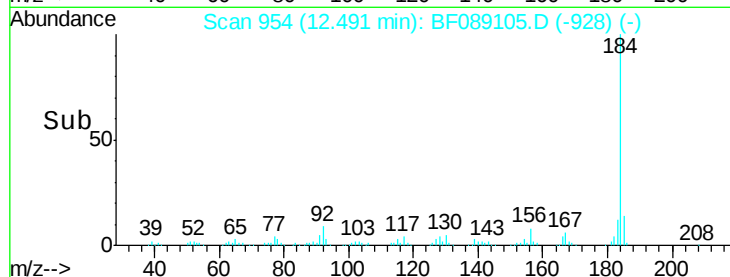
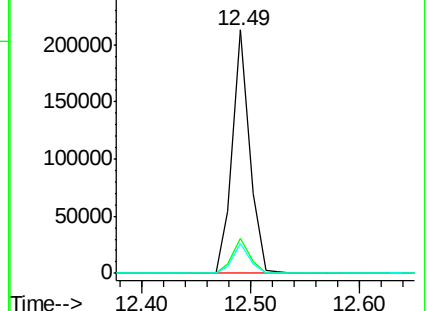
183 12.1 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 37.22 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

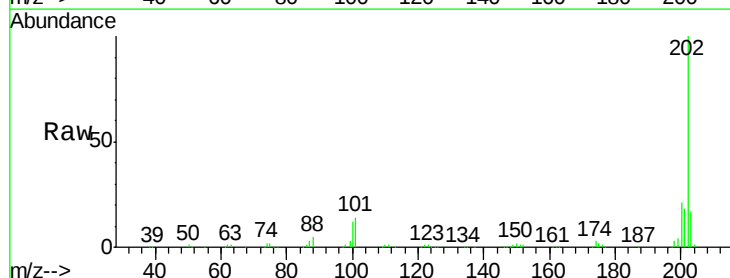
Tgt Ion:202 Resp: 263593

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

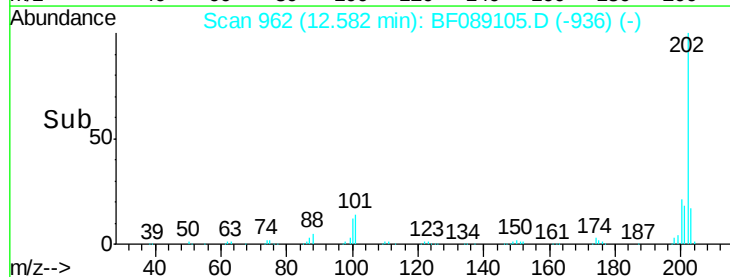
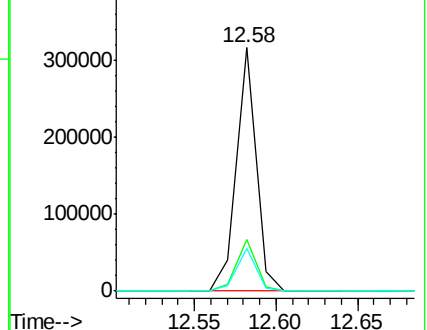
203 17.3 14.5 21.7

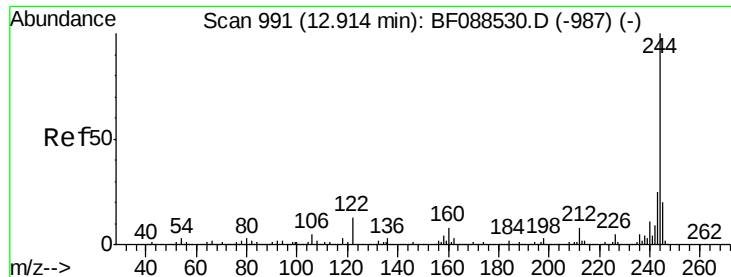


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

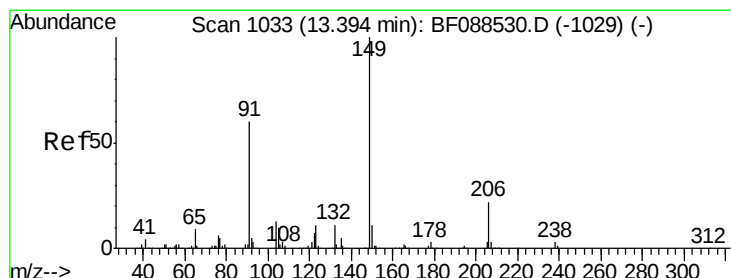
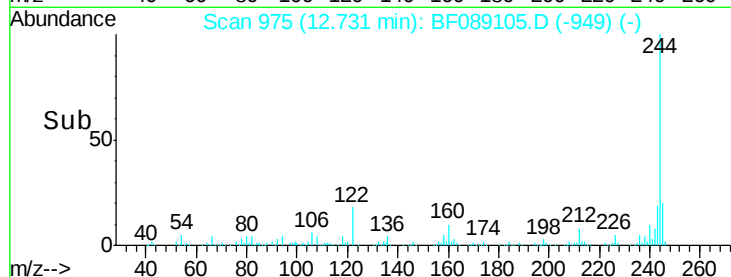
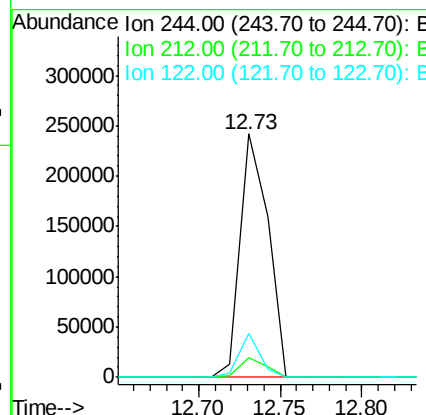
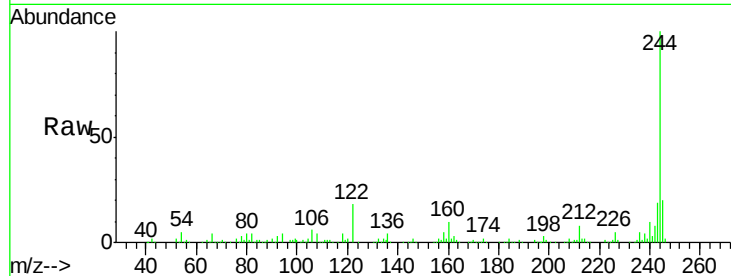




#78
 Terphenyl-d14
 Concen: 76.10 ng
 RT: 12.73 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

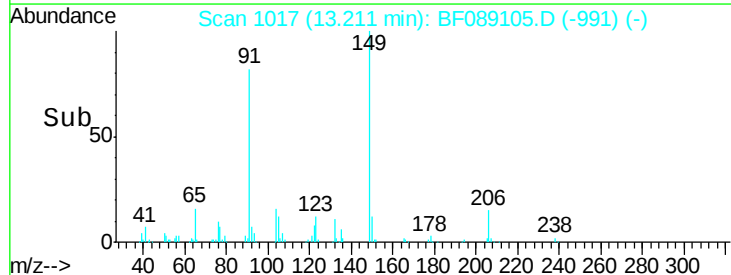
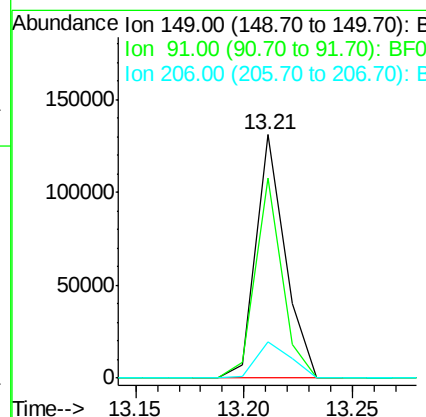
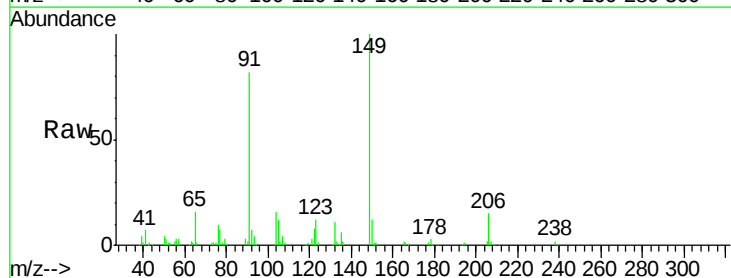
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

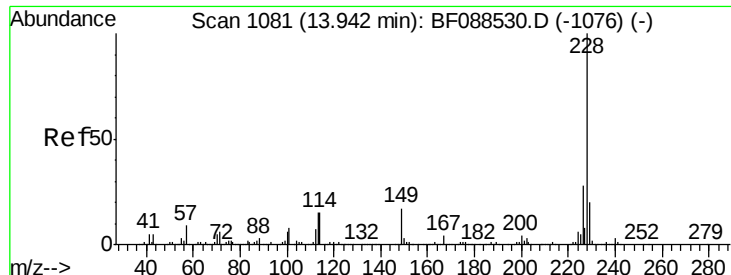
Tgt Ion: 244 Resp: 285349
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.0 9.0
 122 17.8 11.2 16.8#



#79
 Butylbenzylphthalate
 Concen: 38.62 ng
 RT: 13.21 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BF089105.D
 Acq: 19 Jul 2016 3:38

Tgt Ion: 149 Resp: 122003
 Ion Ratio Lower Upper
 149 100
 91 81.9 48.0 72.0#
 206 14.9 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 38.94 ng

RT: 13.77 min Scan# 1066

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

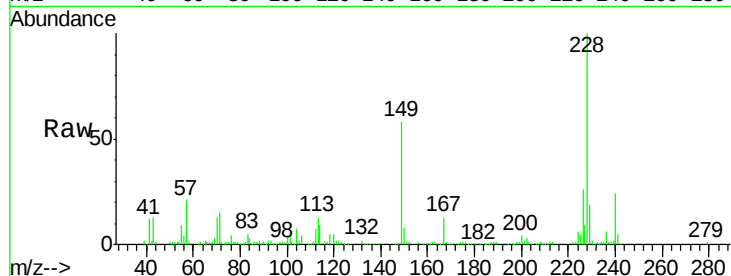
Tgt Ion:228 Resp: 209418

Ion Ratio Lower Upper

228 100

226 26.3 22.3 33.5

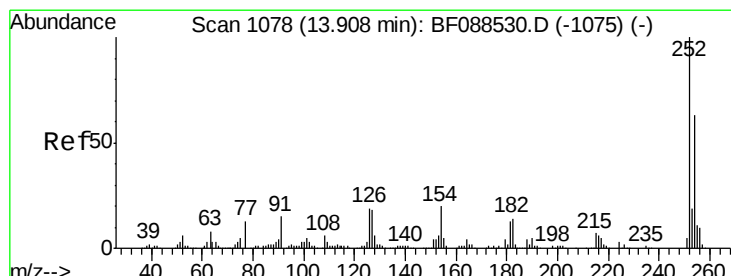
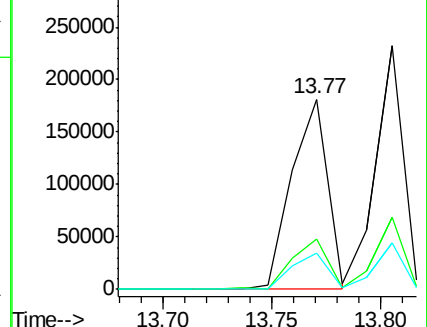
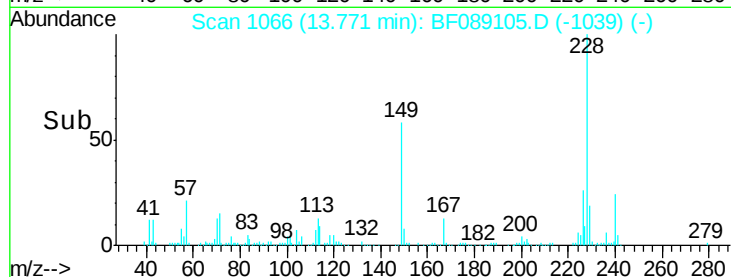
229 19.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 42.44 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

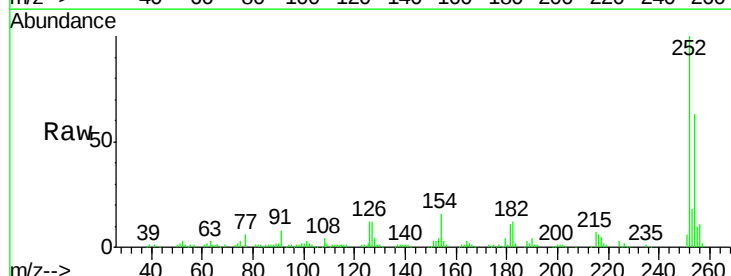
Tgt Ion:252 Resp: 85801

Ion Ratio Lower Upper

252 100

254 63.2 52.6 78.8

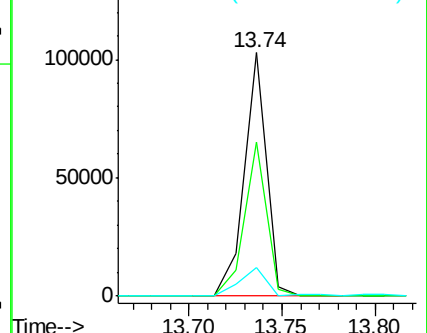
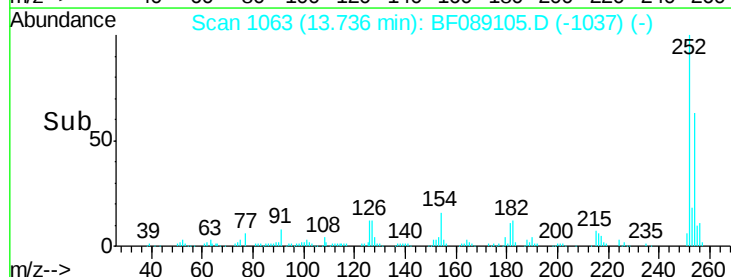
126 11.9 6.2 9.2#

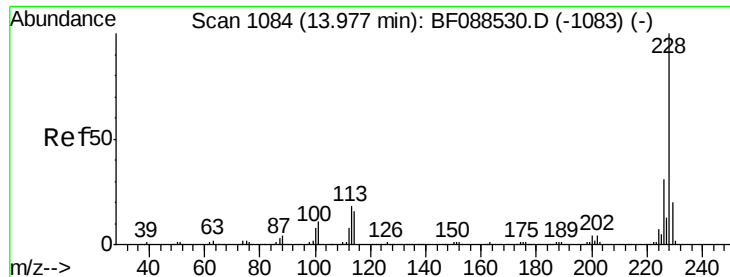


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 38.66 ng

RT: 13.80 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

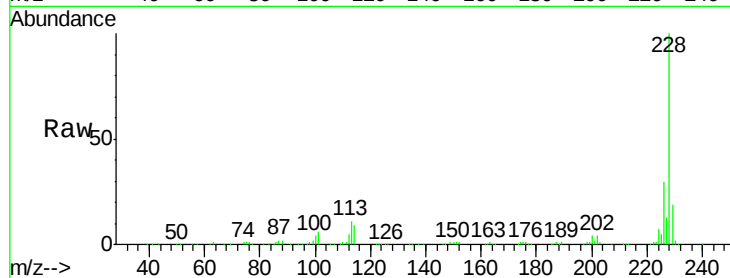
Tgt Ion: 228 Resp: 205706

Ion Ratio Lower Upper

228 100

226 29.8 25.4 38.2

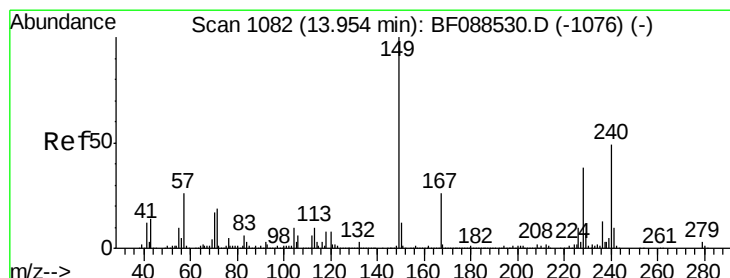
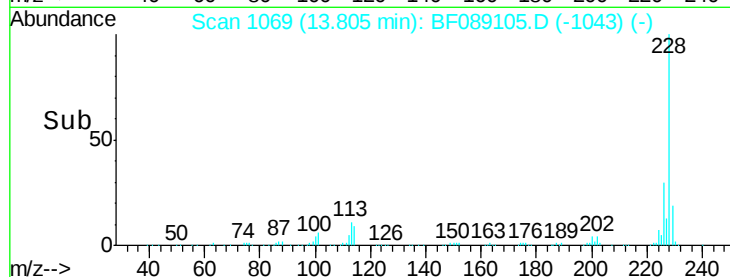
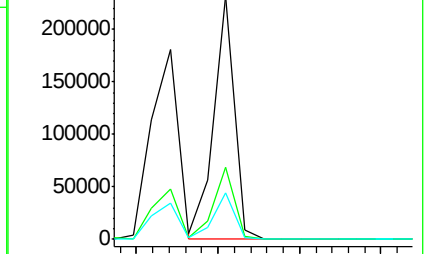
229 19.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.76 ng

RT: 13.78 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

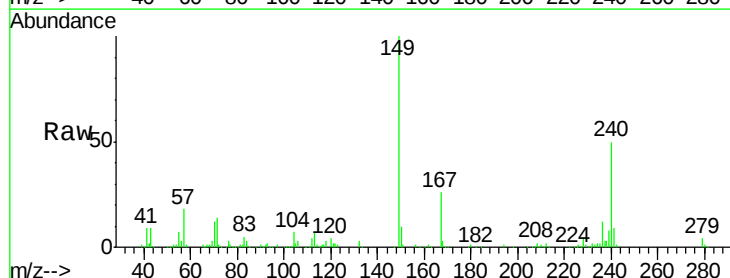
Tgt Ion: 149 Resp: 179441

Ion Ratio Lower Upper

149 100

167 26.3 20.5 30.7

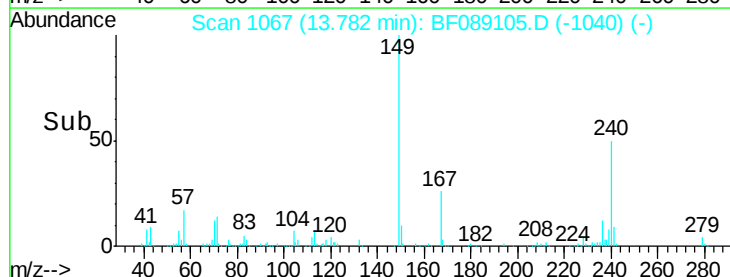
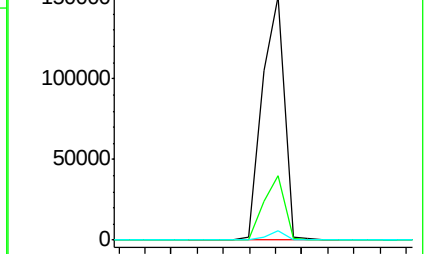
279 4.1 2.0 3.0#

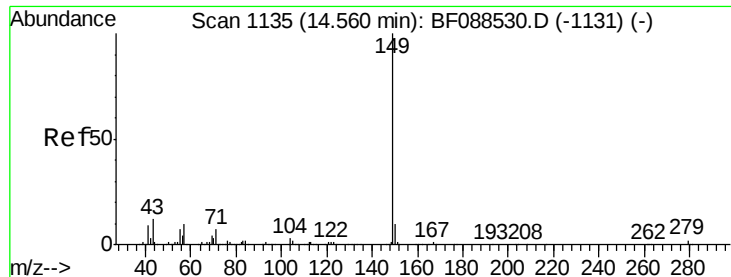


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 52.64 ng

RT: 14.39 min Scan# 1120

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

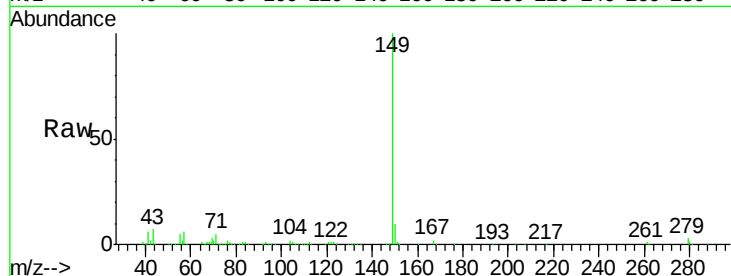
Tgt Ion:149 Resp: 322480

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

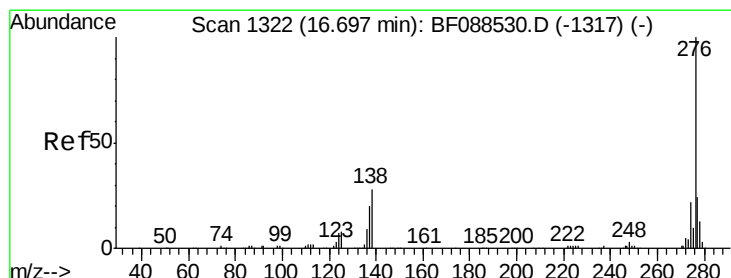
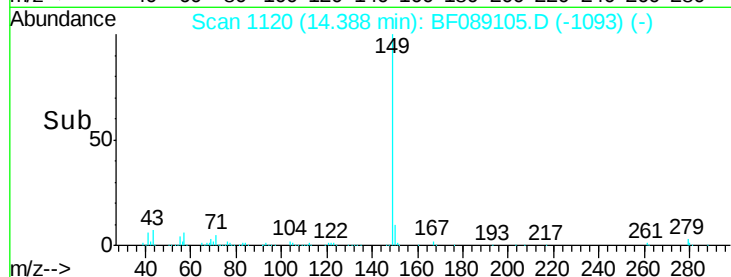
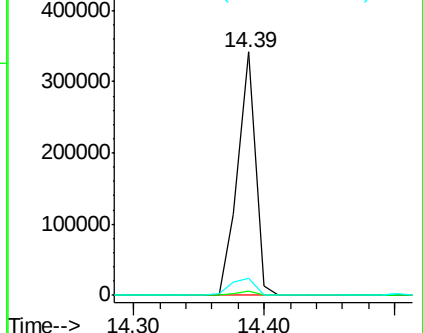
43 9.5 0.0 0.0#



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: 31.50 ng

RT: 16.39 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

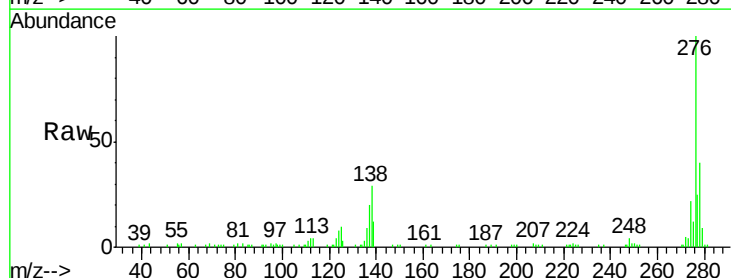
Tgt Ion:276 Resp: 128953

Ion Ratio Lower Upper

276 100

138 29.8 0.0 0.0#

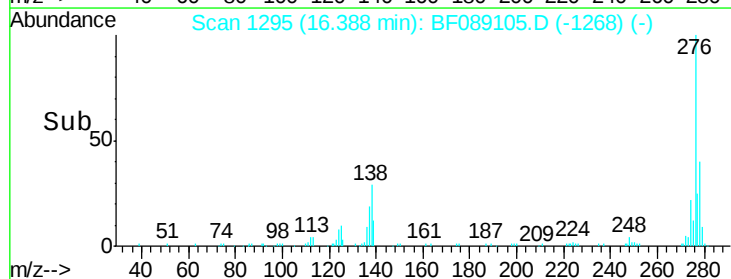
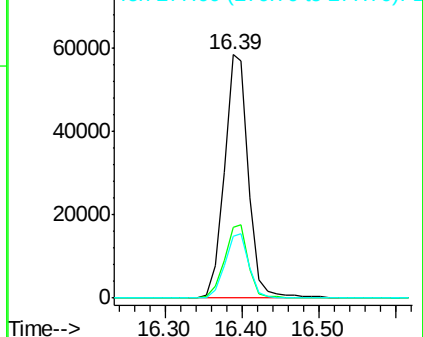
277 26.1 0.0 0.0#

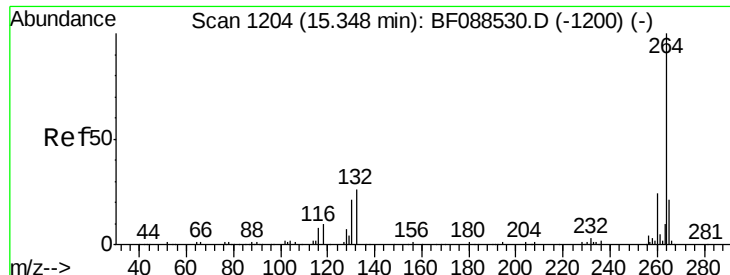


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 20.00 ng

RT: 15.13 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

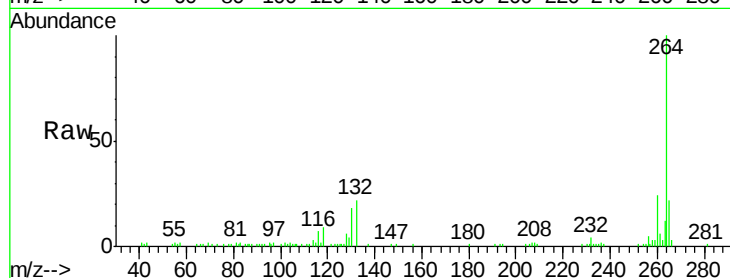
Tgt Ion:264 Resp: 59864

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

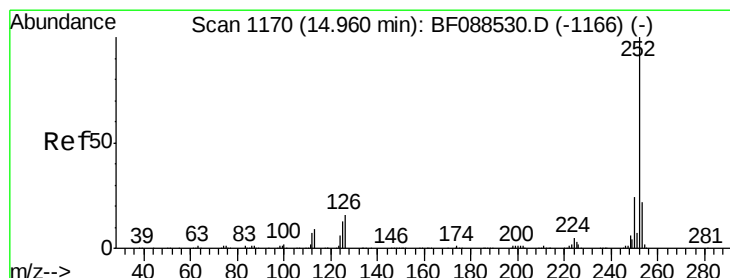
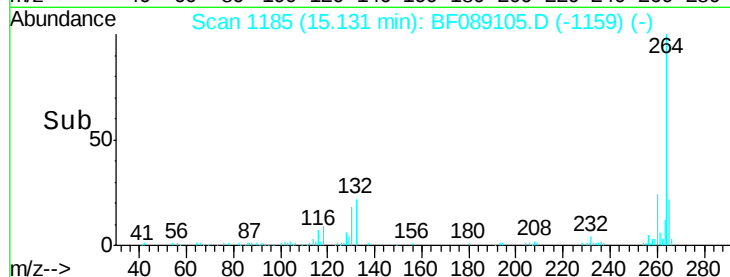
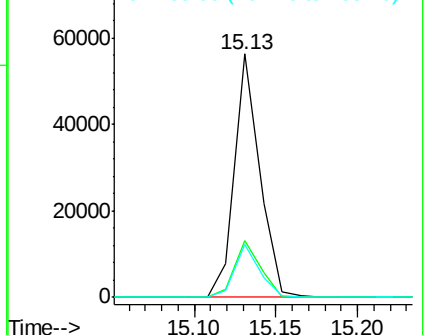
265 21.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 84.33 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

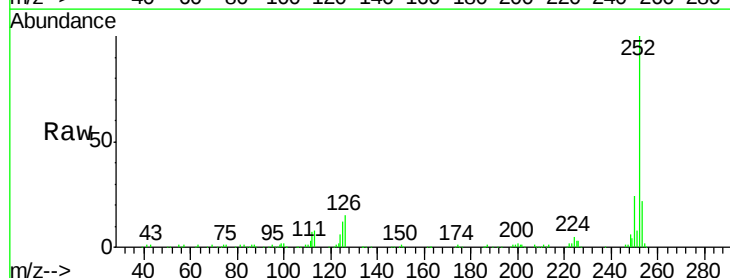
Tgt Ion:252 Resp: 316697

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

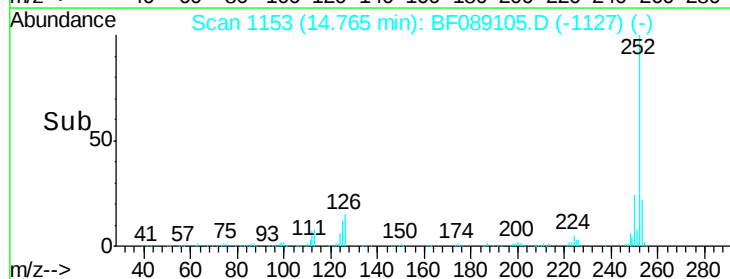
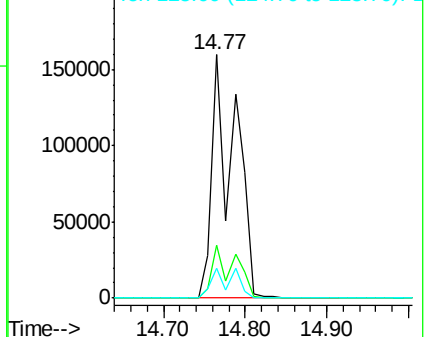
125 12.4 7.1 10.7#

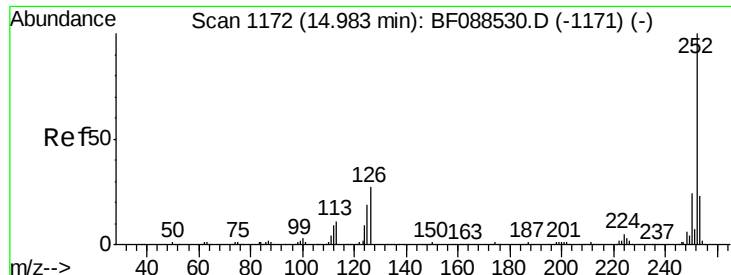


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

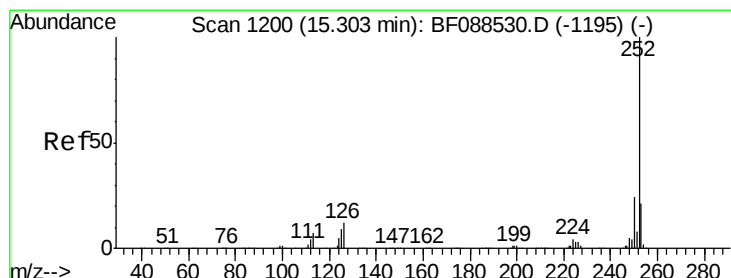
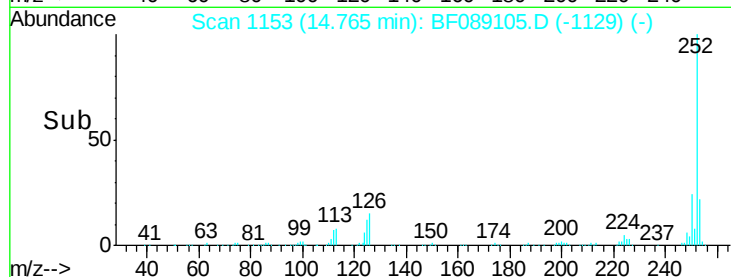
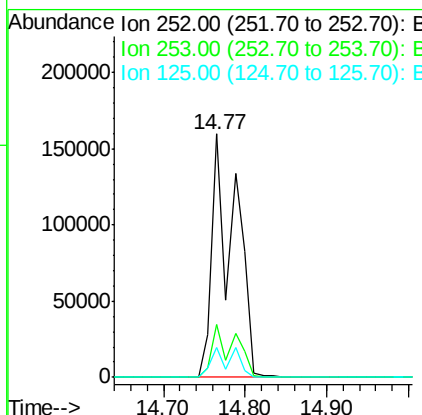
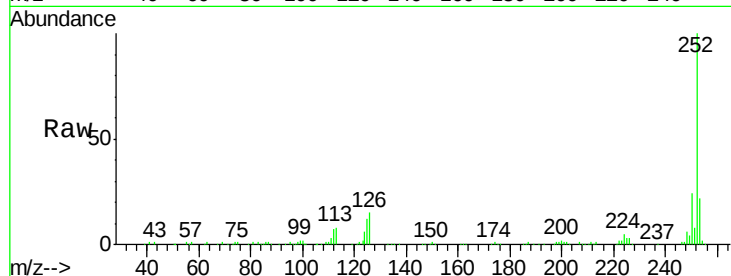




#88
Benzo(k)fluoranthene
Concen: 96.87 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.02 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

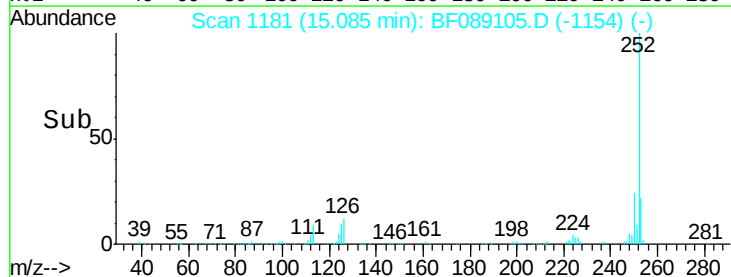
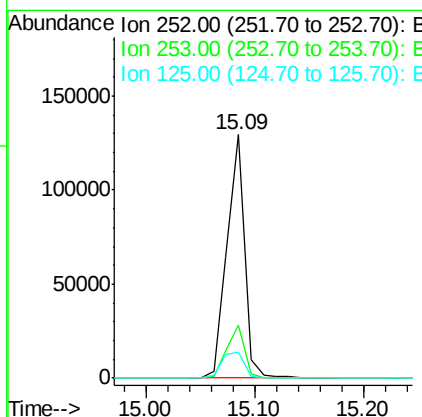
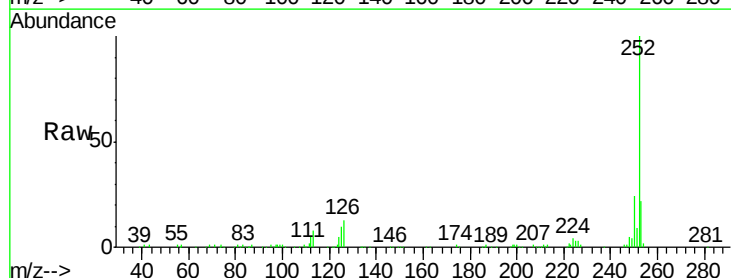
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

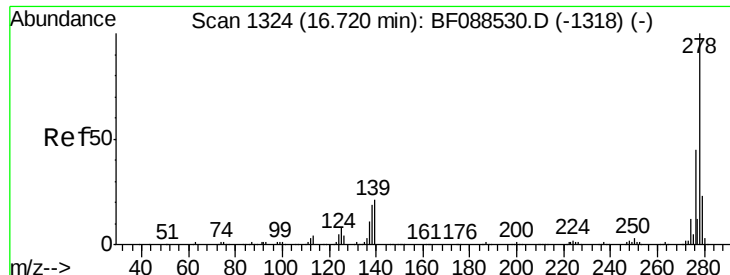
Tgt Ion: 252 Resp: 316697
Ion Ratio Lower Upper
252 100
253 21.9 18.0 27.0
125 12.4 11.2 16.8



#89
Benzo(a)pyrene
Concen: 45.39 ng
RT: 15.09 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF089105.D
Acq: 19 Jul 2016 3:38

Tgt Ion: 252 Resp: 144310
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 10.5 12.5 18.7#





#90

Dibenzo(a,h)anthracene

Concen: 42.93 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

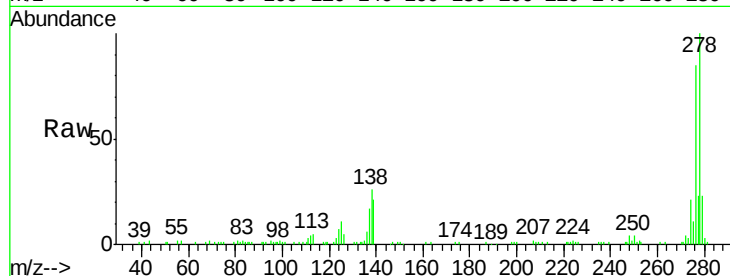
Tgt Ion:278 Resp: 113990

Ion Ratio Lower Upper

278 100

139 21.0 15.7 23.5

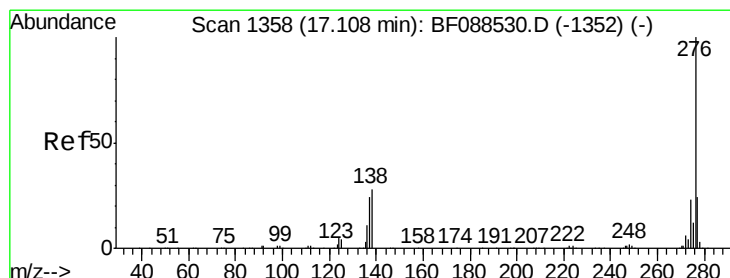
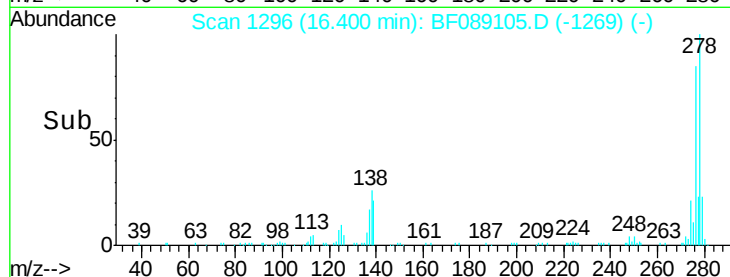
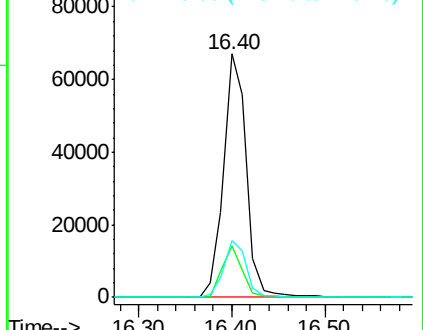
279 23.2 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 39.50 ng

RT: 16.77 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF089105.D

Acq: 19 Jul 2016 3:38

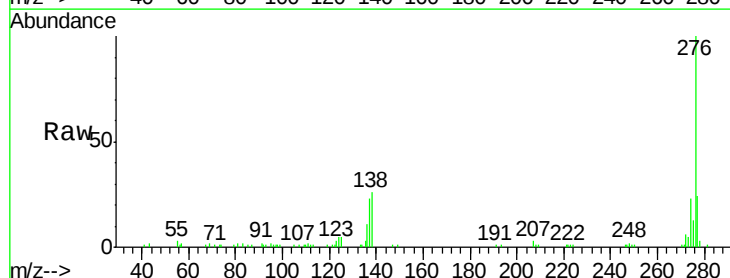
Tgt Ion:276 Resp: 108515

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 26.0 21.4 32.2



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

