

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
 Data File : BF088773.D
 Acq On : 7 Jul 2016 11:16
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 08 01:34:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105509	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	424339	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	193944	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	356864	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	258428	20.00	ng	-0.03
86) Perylene-d12	15.27	264	252561	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	534898	75.98	ng	-0.05
7) Phenol-d6	6.39	99	697105	76.63	ng	-0.02
23) Nitrobenzene-d5	7.31	82	598473	73.91	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	176770	98.15	ng	-0.03
44) 2-Fluorobiphenyl	9.11	172	942616	76.77	ng	-0.03
78) Terphenyl-d14	12.84	244	954364	82.25	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.28	88	121956	34.94	ng	# 37
3) Pyridine	2.95	79	347196	34.28	ng	94
4) n-Nitrosodimethylamine	2.91	42	134222	34.69	ng	90
6) Aniline	6.41	93	484470	36.54	ng	99
8) 2-Chlorophenol	6.52	128	281421	37.19	ng	99
9) Benzaldehyde	6.28	77	199565	32.39	ng	87
10) Phenol	6.40	94	399591	38.49	ng	# 59
11) bis(2-Chloroethyl)ether	6.49	93	298512	38.56	ng	# 80
12) 1,3-Dichlorobenzene	6.68	146	339315	40.75	ng	99
13) 1,4-Dichlorobenzene	6.76	146	342939	41.50	ng	98
14) 1,2-Dichlorobenzene	6.76	146	342939	44.33	ng	97
15) Benzyl Alcohol	6.89	79	247063	36.90	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	351402	31.34	ng	90
17) 2-Methylphenol	7.00	107	234750	38.03	ng	96
18) Hexachloroethane	7.26	117	129155	40.40	ng	# 85
19) n-Nitroso-di-n-propylamine	7.18	70	232869	38.11	ng	# 84
20) 3+4-Methylphenols	7.16	107	272597	36.80	ng	# 81
22) Acetophenone	7.16	105	438193	42.55	ng	# 90
24) Nitrobenzene	7.34	77	334974	41.03	ng	99
25) Isophorone	7.58	82	565591	37.71	ng	97
26) 2-Nitrophenol	7.64	139	144116	43.05	ng	97
27) 2,4-Dimethylphenol	7.69	122	254531	36.50	ng	87
28) bis(2-Chloroethoxy)methane	7.79	93	374284	38.35	ng	98
29) 2,4-Dichlorophenol	7.88	162	223438	39.65	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	268133	43.36	ng	98
31) Naphthalene	8.06	128	898408	42.95	ng	99
32) Benzoic acid	7.84	122	190870	37.70	ng	89
33) 4-Chloroaniline	8.10	127	382919	41.14	ng	98
34) Hexachlorobutadiene	8.17	225	139811	42.22	ng	98
35) Caprolactam	8.49	113	76581	40.01	ng	# 87
36) 4-Chloro-3-methylphenol	8.59	107	301522	45.25	ng	97
37) 2-Methylnaphthalene	8.74	142	545470	40.49	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	305373	47.34	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	133093	42.04	ng	99

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42) 2,4,6-Trichlorophenol	9.03	196	174779	41.09	ng	100
43) 2,4,5-Trichlorophenol	9.06	196	167437	45.76	ng #	92
45) 1,1'-Biphenyl	9.21	154	712357	44.36	ng	97
46) 2-Chloronaphthalene	9.23	162	554077	43.95	ng	99
47) 2-Nitroaniline	9.32	65	164046	36.66	ng	99
48) Acenaphthylene	9.64	152	856192	42.68	ng	99
49) Dimethylphthalate	9.52	163	611164	44.23	ng	99
50) 2,6-Dinitrotoluene	9.58	165	141572	46.23	ng #	88
51) Acenaphthene	9.82	154	515973	41.96	ng	98
52) 3-Nitroaniline	9.74	138	133503	34.29	ng	89
53) 2,4-Dinitrophenol	9.84	184	59422	43.95	ng #	83
54) Dibenzofuran	9.99	168	672588	41.79	ng #	90
55) 4-Nitrophenol	9.90	139	99363	33.59	ng	89
56) 2,4-Dinitrotoluene	9.98	165	185805	46.41	ng #	77
57) Fluorene	10.33	166	565506	45.59	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	114670	40.50	ng #	46
59) Diethylphthalate	10.22	149	591149	42.63	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	216376	37.55	ng #	86
61) 4-Nitroaniline	10.35	138	156058	41.66	ng	86
62) Azobenzene	10.48	77	587661	37.15	ng	94
64) 4,6-Dinitro-2-methylphenol	10.38	198	88224	46.22	ng	81
65) n-Nitrosodiphenylamine	10.44	169	493759	40.88	ng	98
66) 4-Bromophenyl-phenylether	10.81	248	156677	43.57	ng #	88
67) Hexachlorobenzene	10.88	284	170283	42.77	ng #	70
68) Atrazine	10.97	200	133131	35.37	ng	91
69) Pentachlorophenol	11.06	266	90222	38.29	ng	96
70) Phenanthrene	11.28	178	694910	35.62	ng	100
71) Anthracene	11.34	178	834478	43.02	ng	99
72) Carbazole	11.48	167	648531	35.52	ng	99
73) Di-n-butylphthalate	11.83	149	813910	38.33	ng #	98
74) Fluoranthene	12.47	202	863244	43.65	ng	95
76) Benzidine	12.59	184	583559	44.67	ng	98
77) Pyrene	12.70	202	837897	38.24	ng	98
79) Butylbenzylphthalate	13.33	149	367517	37.60	ng	92
80) Benzo(a)anthracene	13.87	228	660465	39.69	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	241553	38.61	ng #	94
82) Chrysene	13.91	228	616302	37.43	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	509651	45.67	ng #	99
84) Di-n-octyl phthalate	14.49	149	827265	43.64	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	538411	42.51	ng #	100
87) Benzo(b)fluoranthene	14.91	252	1177889	74.35	ng	99
88) Benzo(k)fluoranthene	14.91	252	1177889	85.40	ng #	95
89) Benzo(a)pyrene	15.21	252	518556	38.66	ng	98
90) Dibenzo(a,h)anthracene	16.59	278	462538	41.29	ng	99
91) Benzo(g,h,i)perylene	16.98	276	457366	39.46	ng #	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.03 min

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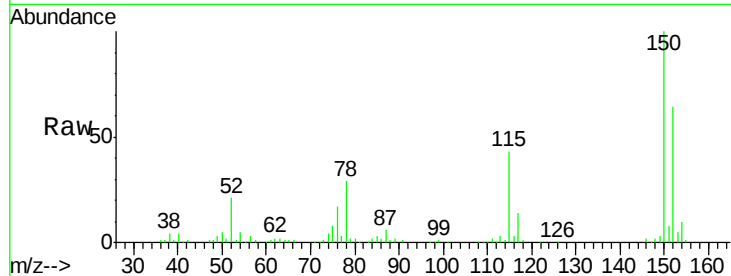
Tgt Ion:152 Resp: 105509

Ion Ratio Lower Upper

152 100

150 156.9 123.8 185.6

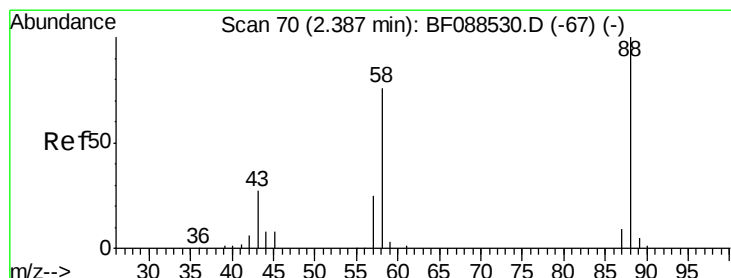
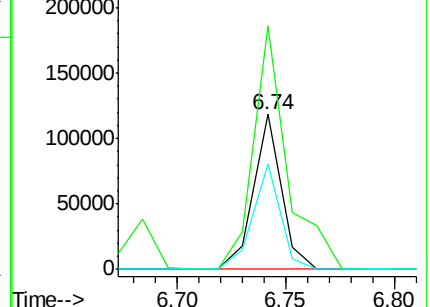
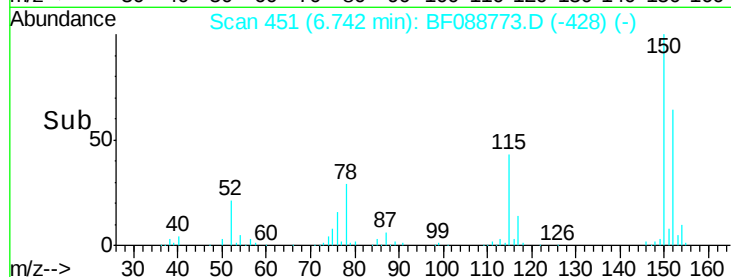
115 67.6 39.6 59.4#



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: 34.94 ng

RT: 2.28 min Scan# 61

Delta R.T. -0.05 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

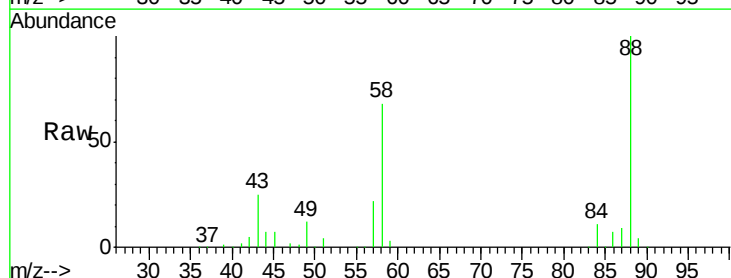
Tgt Ion: 88 Resp: 121956

Ion Ratio Lower Upper

88 100

58 68.4 0.0 0.0#

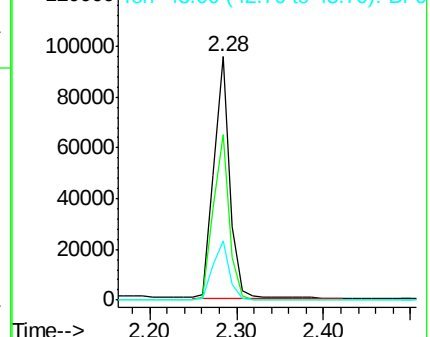
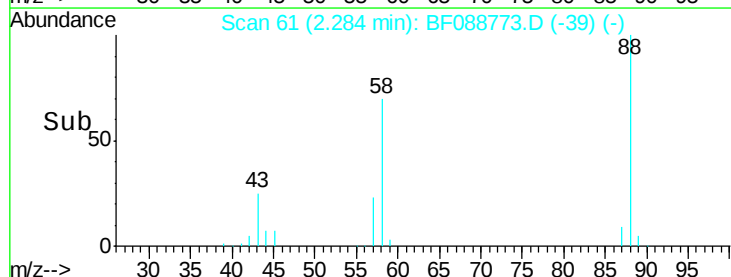
43 25.1 3.4 5.2#



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: 34.28 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.06 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

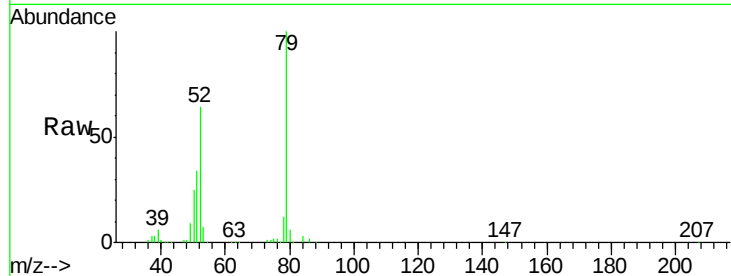
Tgt Ion: 79 Resp: 347196

Ion Ratio Lower Upper

79 100

52 63.5 56.3 84.5

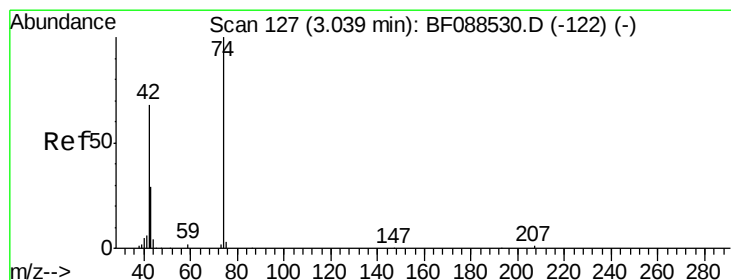
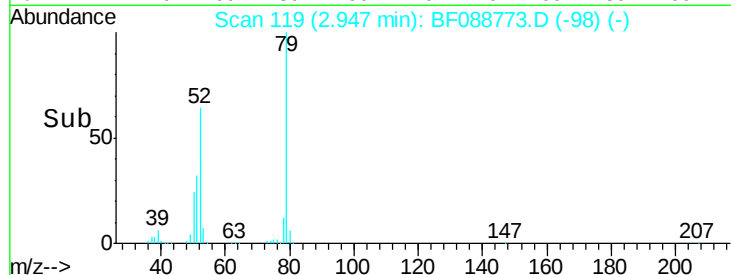
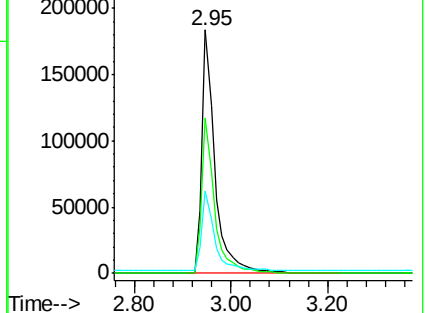
51 33.7 27.4 41.2



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 34.69 ng

RT: 2.91 min Scan# 116

Delta R.T. -0.06 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

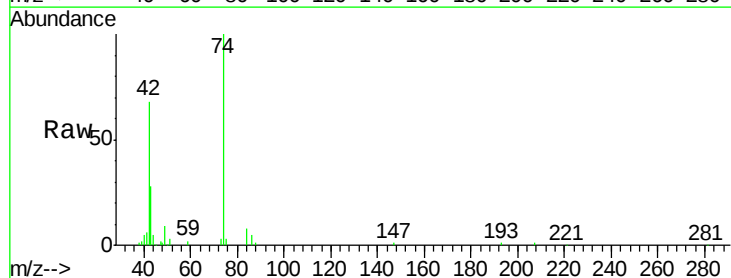
Tgt Ion: 42 Resp: 134222

Ion Ratio Lower Upper

42 100

74 148.1 108.6 163.0

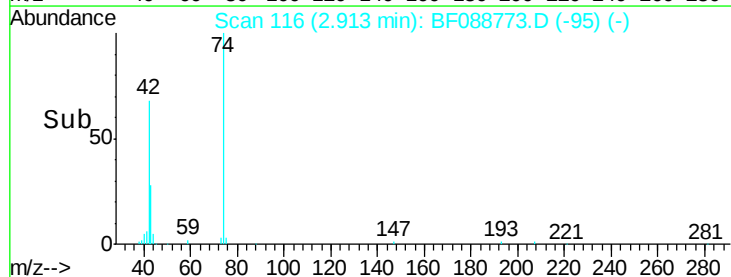
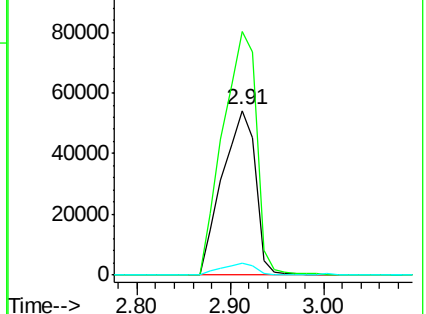
44 6.9 5.5 8.3

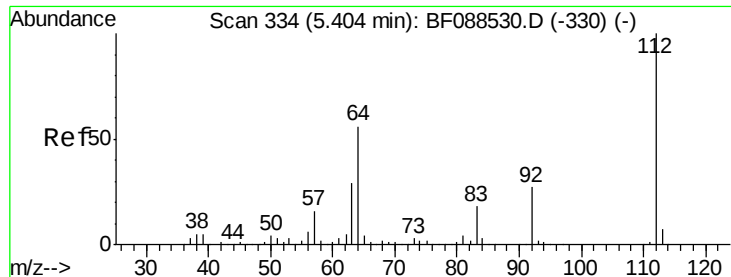


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 75.98 ng

RT: 5.32 min Scan# 327

Delta R.T. -0.05 min

Lab File: BF088773.D

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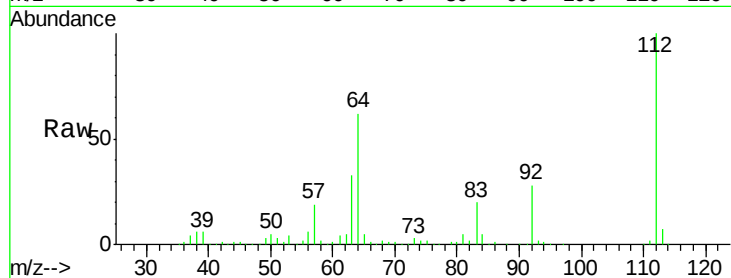
Tgt Ion: 112 Resp: 534898

Ion Ratio Lower Upper

112 100

64 62.1 42.2 63.2

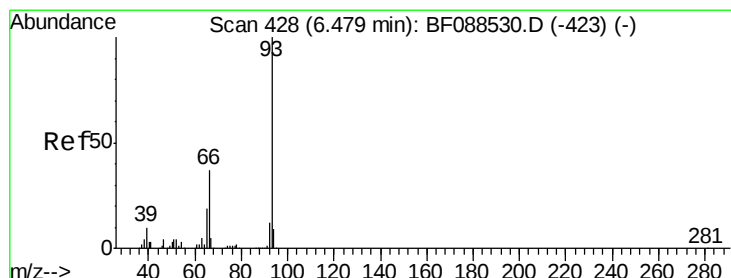
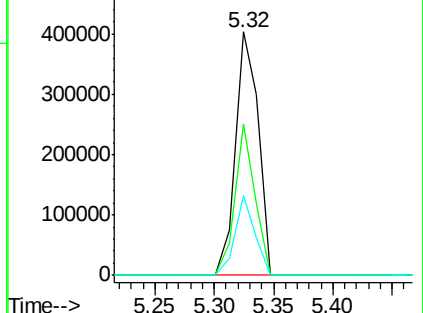
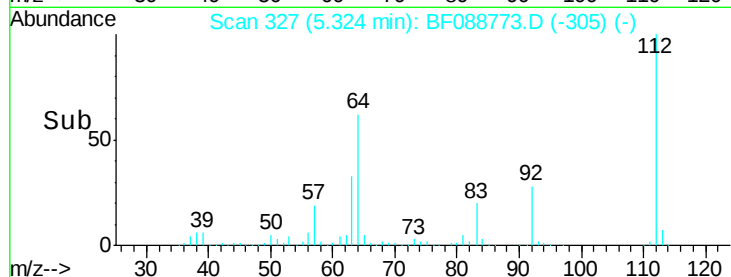
63 32.9 21.8 32.8#



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: 36.54 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

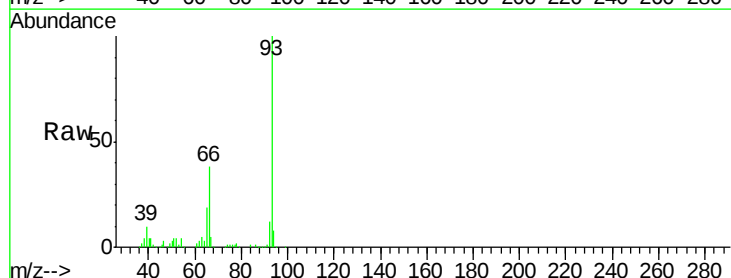
Tgt Ion: 93 Resp: 484470

Ion Ratio Lower Upper

93 100

66 37.8 29.8 44.8

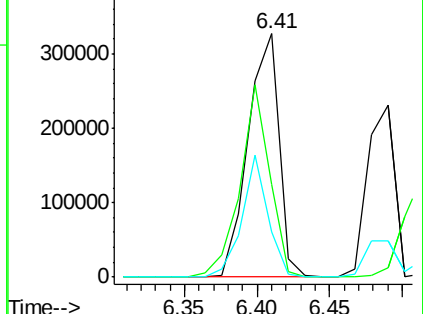
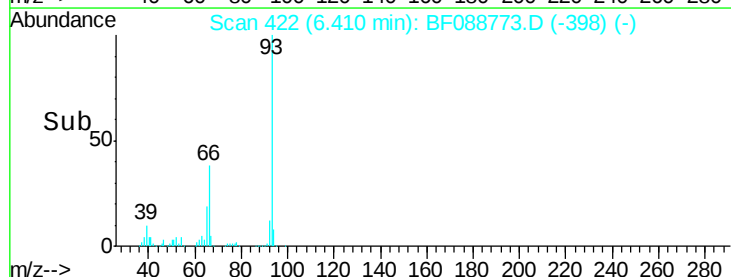
65 18.7 14.9 22.3



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: 76.63 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088773.D

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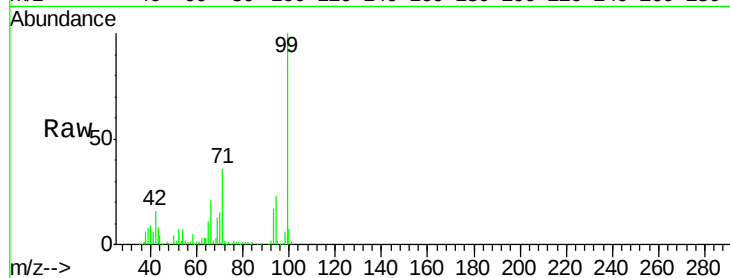
Tgt Ion: 99 Resp: 697105

Ion Ratio Lower Upper

99 100

42 16.1 12.2 18.2

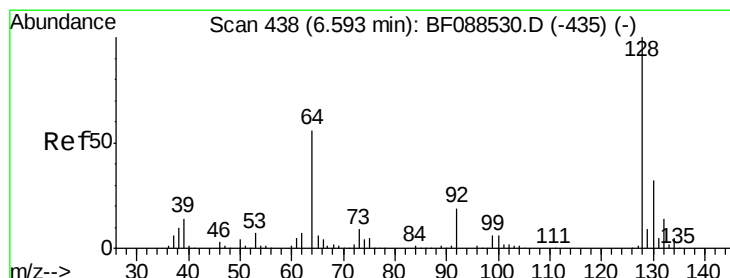
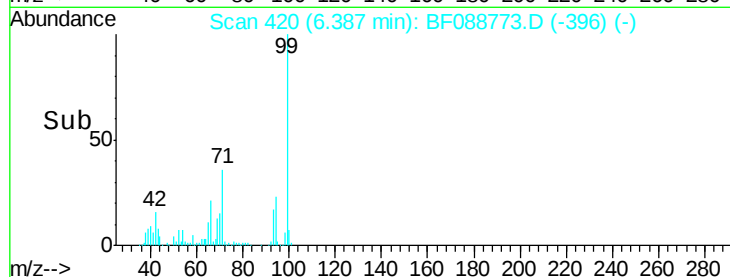
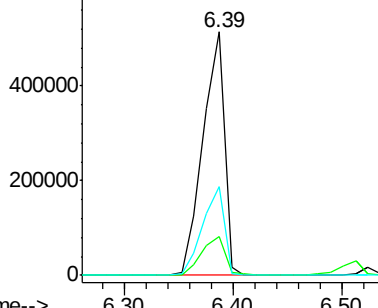
71 36.3 23.4 35.0#



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: 37.19 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

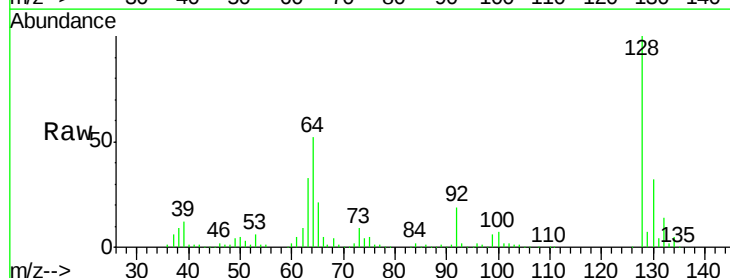
Tgt Ion: 128 Resp: 281421

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

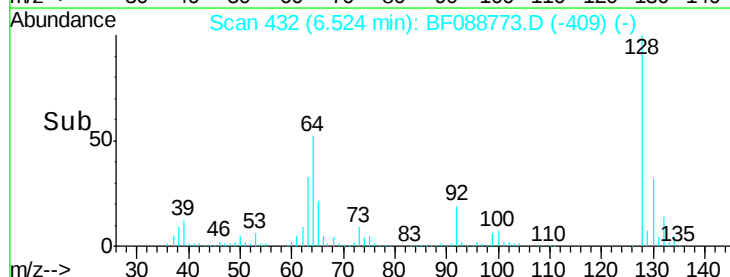
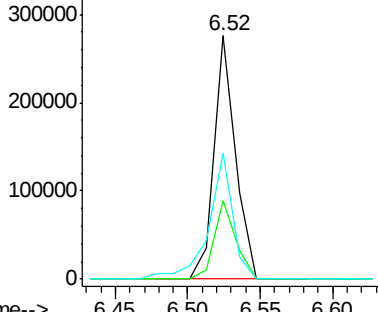
64 51.9 30.8 70.8

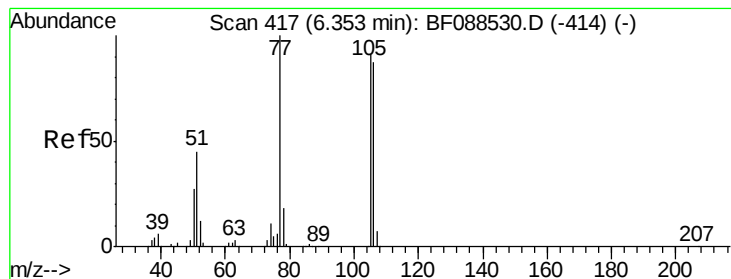


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 32.39 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

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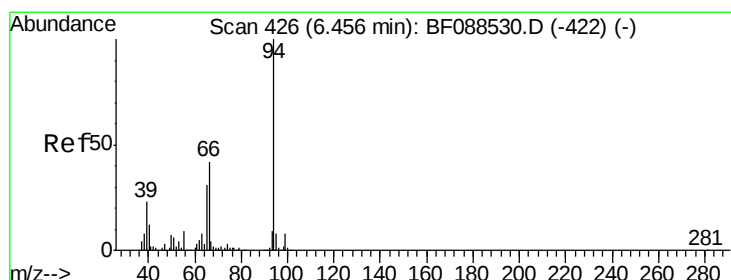
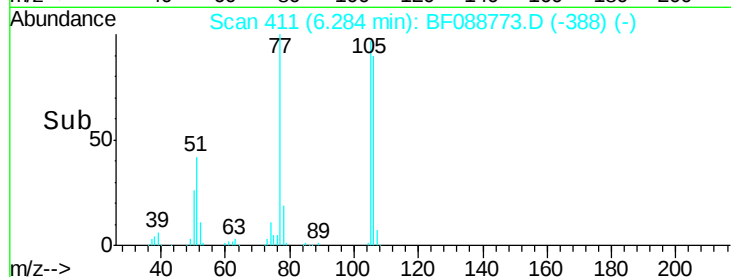
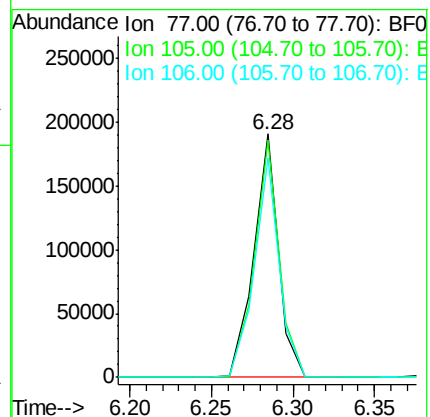
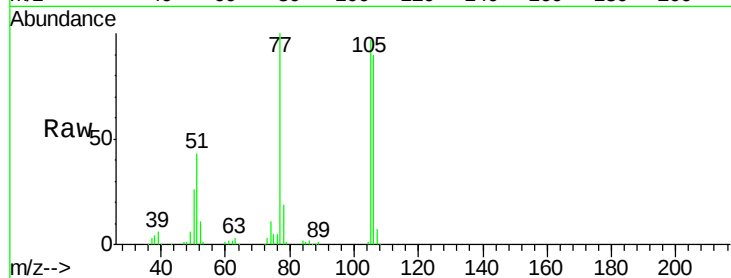
Tgt Ion: 77 Resp: 199565

Ion Ratio Lower Upper

77 100

105 97.5 90.6 130.6

106 90.2 85.3 125.3



#10

Phenol

Concen: 38.49 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

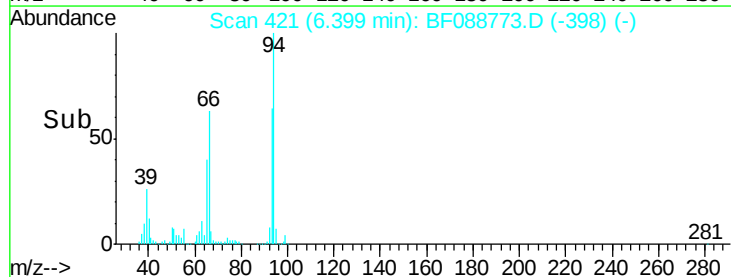
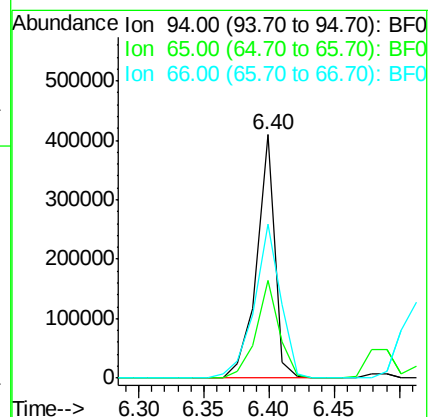
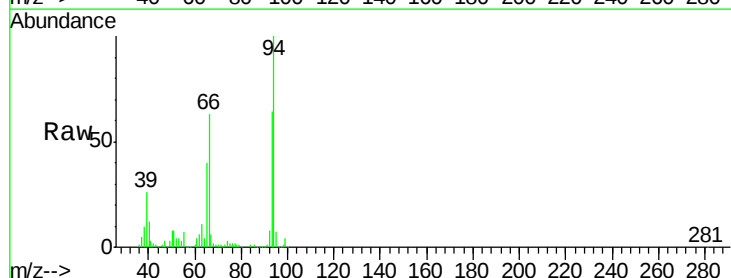
Tgt Ion: 94 Resp: 399591

Ion Ratio Lower Upper

94 100

65 40.2 5.9 45.9

66 63.3 14.0 54.0#

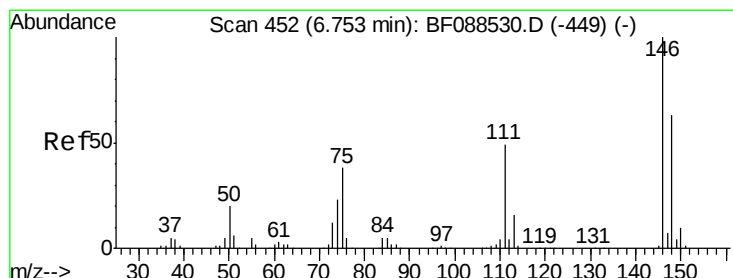
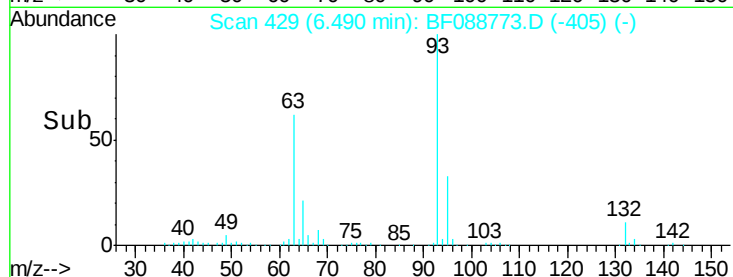
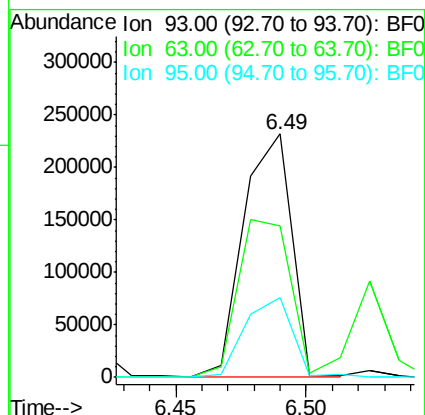
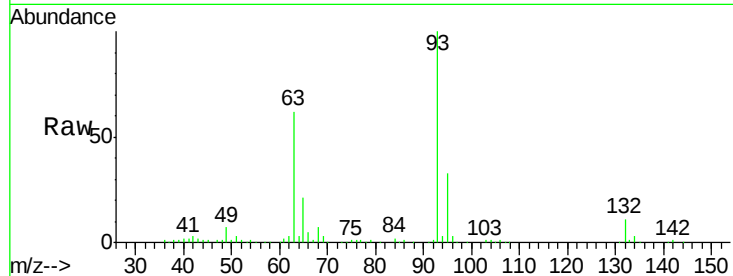




#11
 bis(2-Chloroethyl)ether
 Concen: 38.56 ng
 RT: 6.49 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

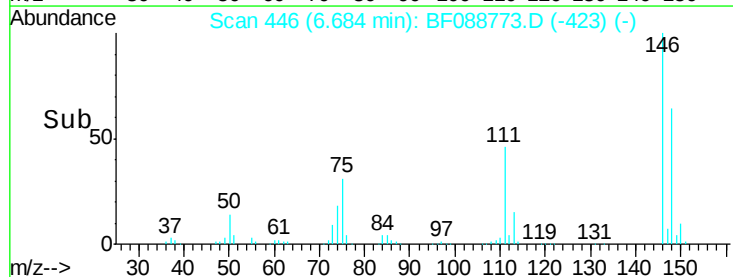
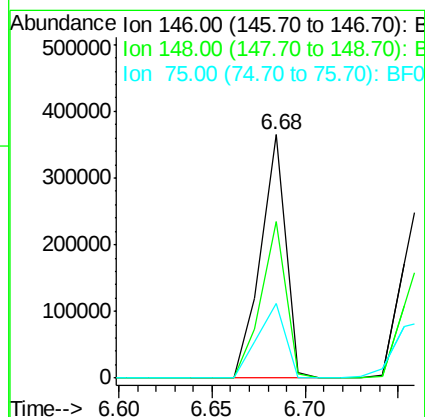
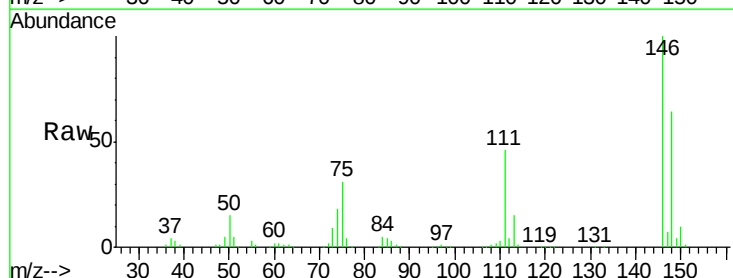
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 93 Resp: 298512
 Ion Ratio Lower Upper
 93 100
 63 62.2 67.6 107.6#
 95 32.8 12.5 52.5



#12
 1,3-Dichlorobenzene
 Concen: 40.75 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion: 146 Resp: 339315
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.9 76.3
 75 30.8 25.6 38.4

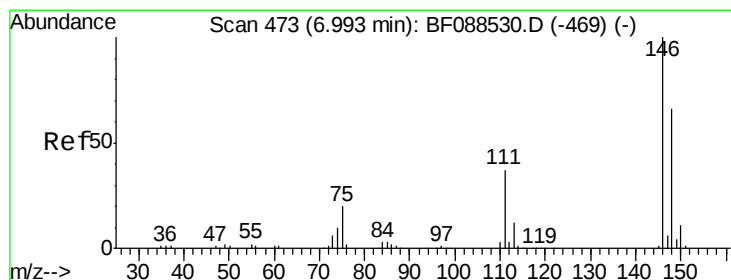
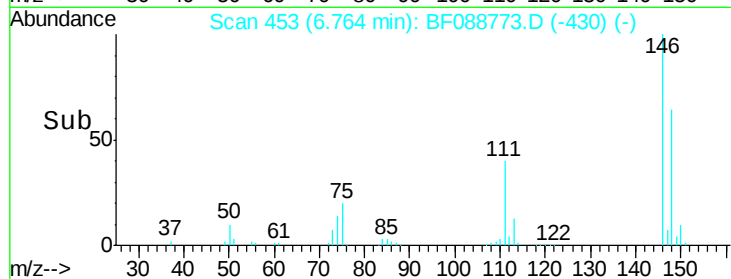
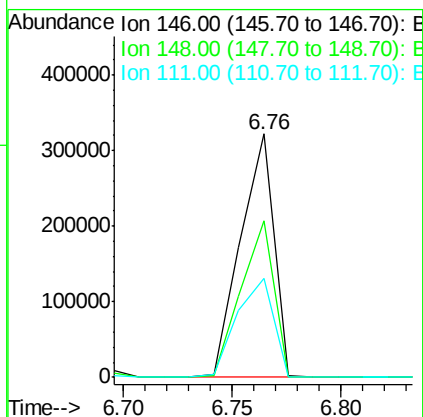
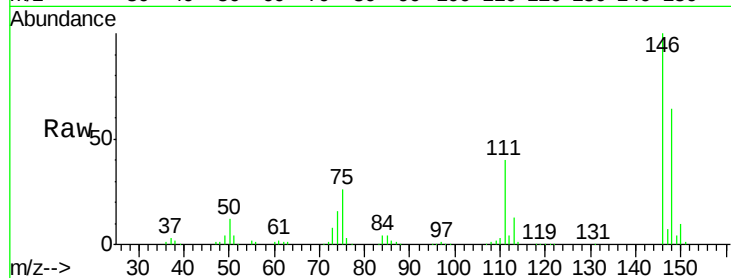




#13
 1,4-Dichlorobenzene
 Concen: 41.50 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

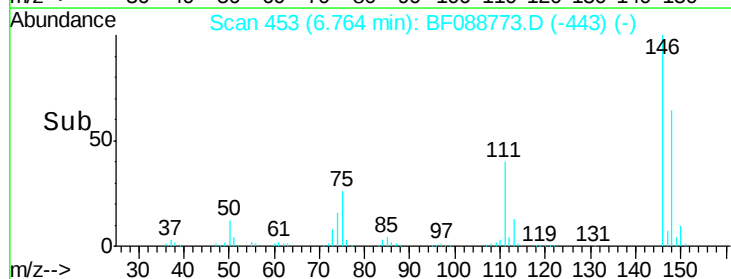
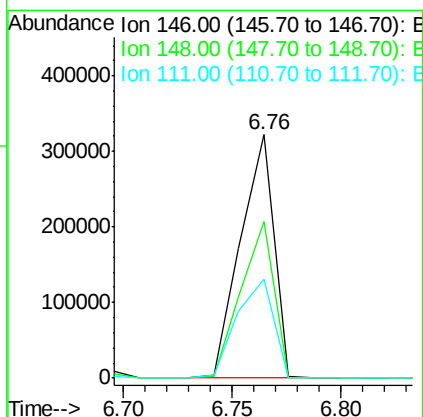
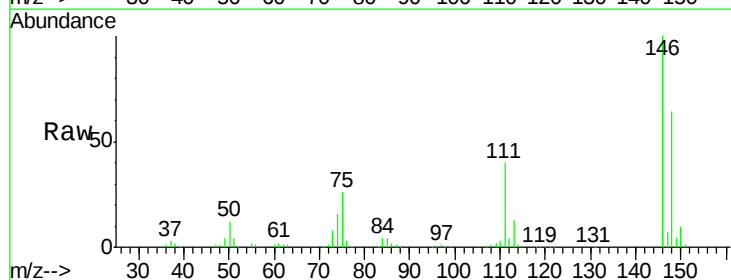
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

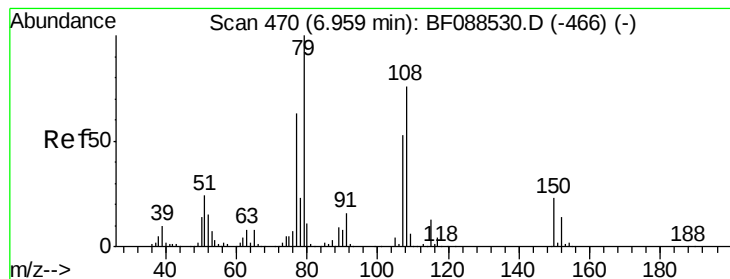
Tgt Ion:146 Resp: 342939
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.0 78.0
 111 40.4 33.8 50.8



#14
 1,2-Dichlorobenzene
 Concen: 44.33 ng
 RT: 6.76 min Scan# 453
 Delta R.T. -0.18 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:146 Resp: 342939
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 40.4 28.7 43.1





#15

Benzyl Alcohol

Concen: 36.90 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

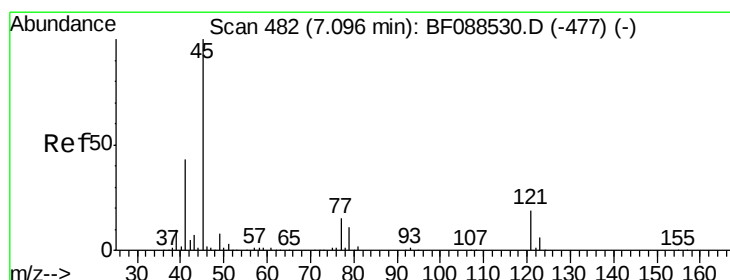
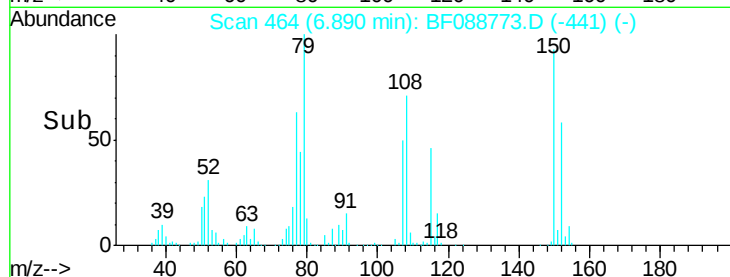
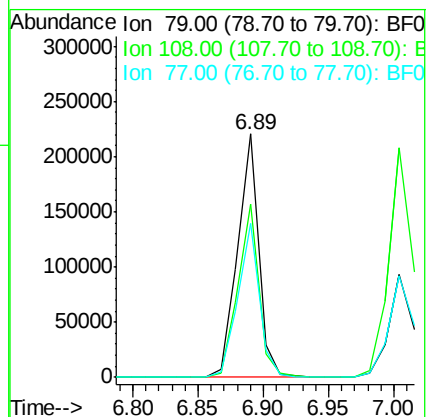
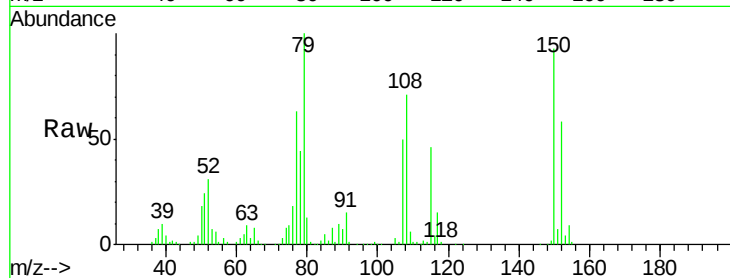
Tgt Ion: 79 Resp: 247063

Ion Ratio Lower Upper

79 100

108 71.2 65.0 97.6

77 63.2 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.34 ng

RT: 7.03 min Scan# 476

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

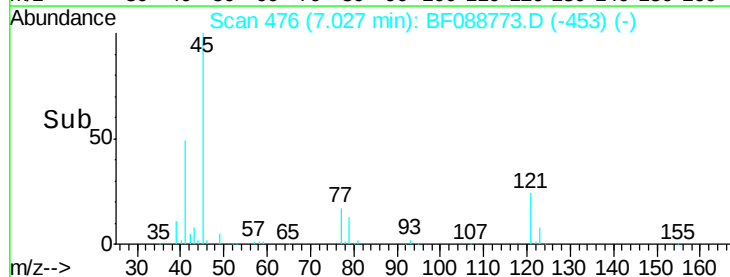
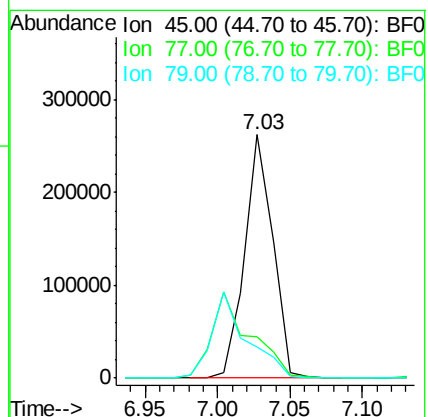
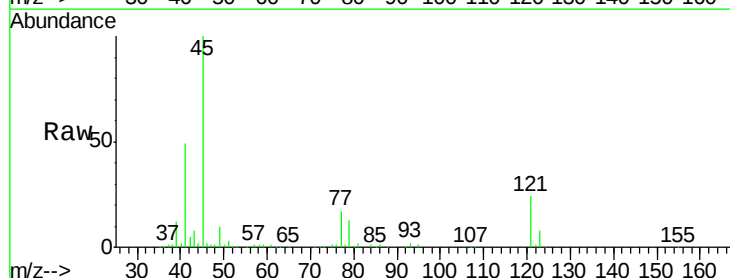
Tgt Ion: 45 Resp: 351402

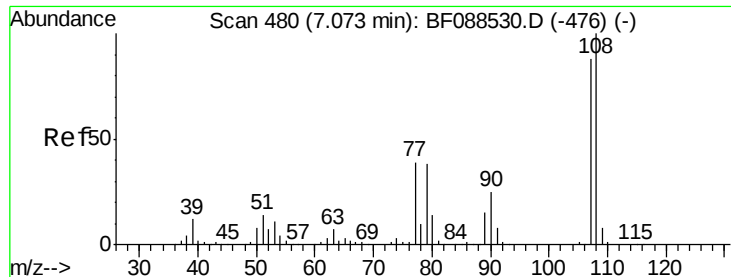
Ion Ratio Lower Upper

45 100

77 16.9 0.0 32.5

79 12.8 0.0 29.5

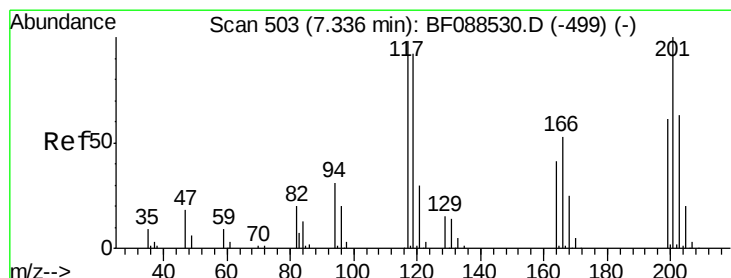
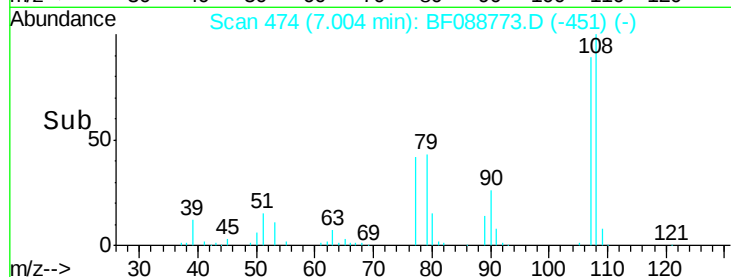
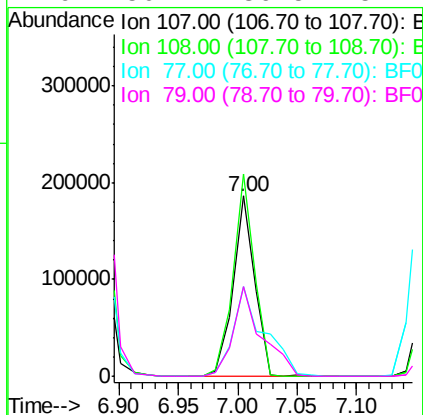
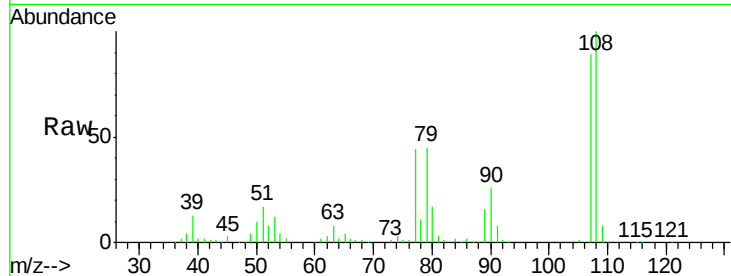




#17
2-Methylphenol
Concen: 38.03 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

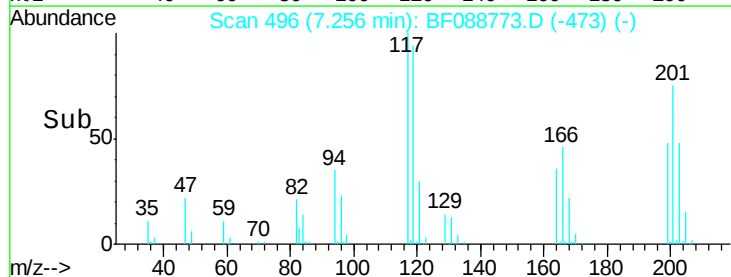
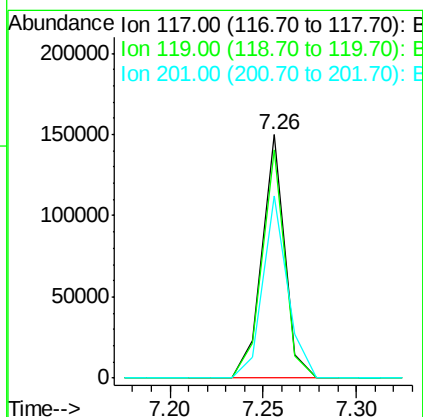
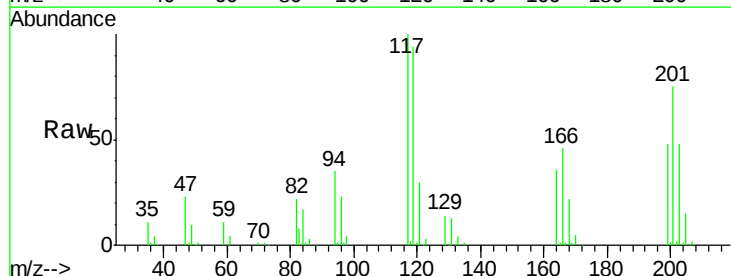
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

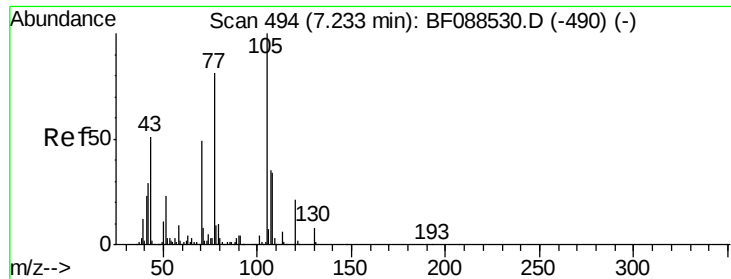
Tgt Ion:107 Resp: 234750
Ion Ratio Lower Upper
107 100
108 112.1 90.9 136.3
77 49.6 36.6 55.0
79 50.1 36.5 54.7



#18
Hexachloroethane
Concen: 40.40 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:117 Resp: 129155
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2
201 75.0 80.4 120.6#

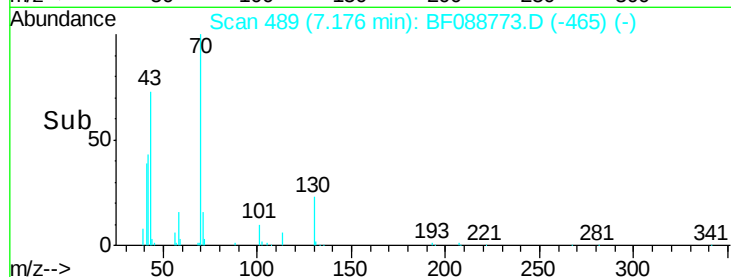
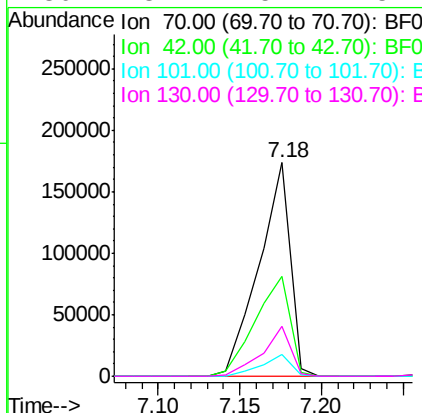
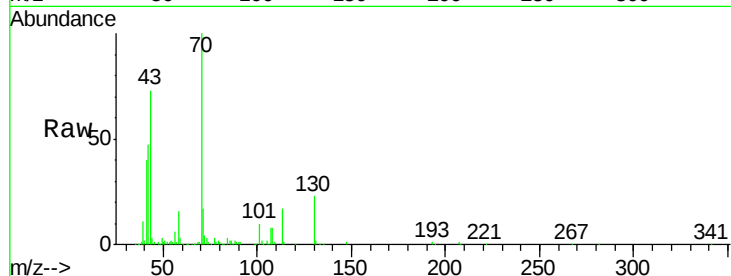




#19
n-Nitroso-di-n-propylamine
Concen: 38.11 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

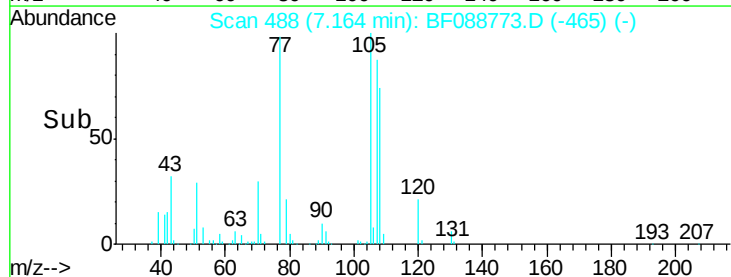
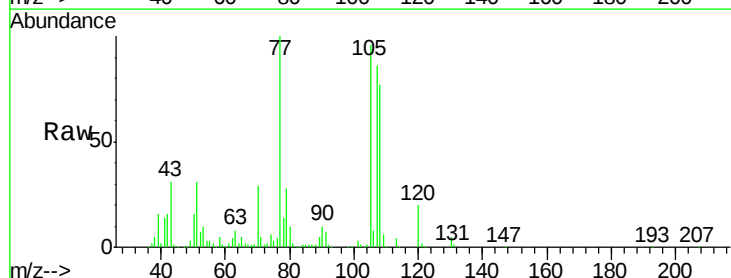
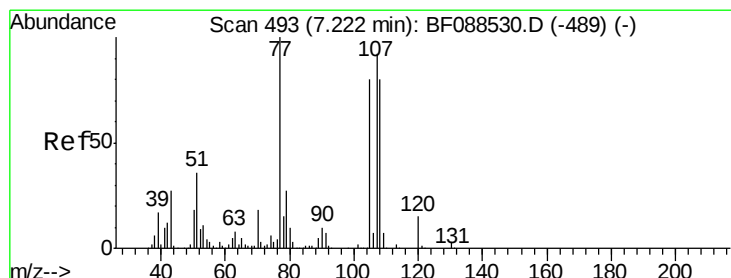
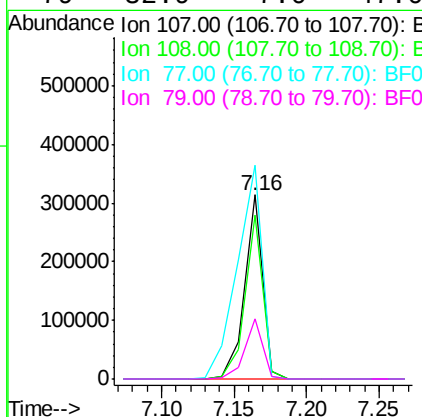
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

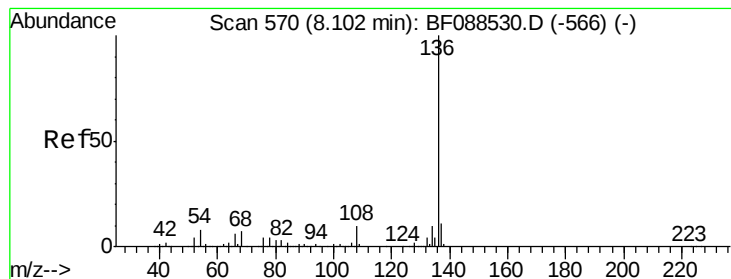
Tgt Ion: 70 Resp: 232869
Ion Ratio Lower Upper
70 100
42 46.7 49.6 74.4#
101 10.4 7.1 10.7
130 23.2 15.4 23.2#



#20
3+4-Methylphenols
Concen: 36.80 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion: 107 Resp: 272597
Ion Ratio Lower Upper
107 100
108 88.8 67.8 107.8
77 116.1 59.3 99.3#
79 32.9 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 424339

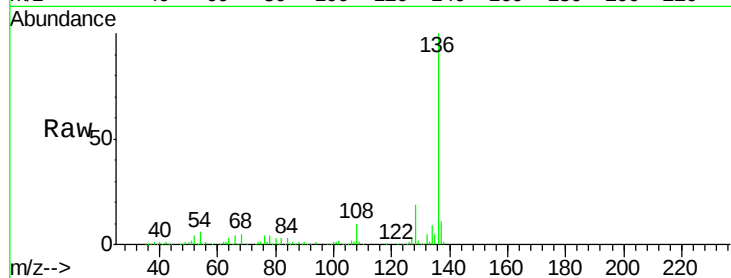
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.6 6.6 10.0#

68 4.7 5.1 7.7#

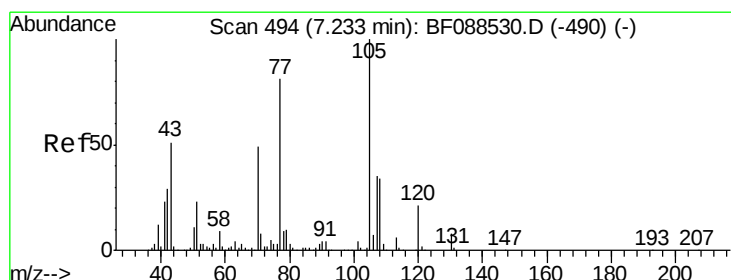
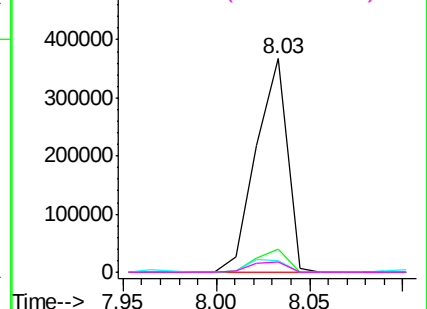
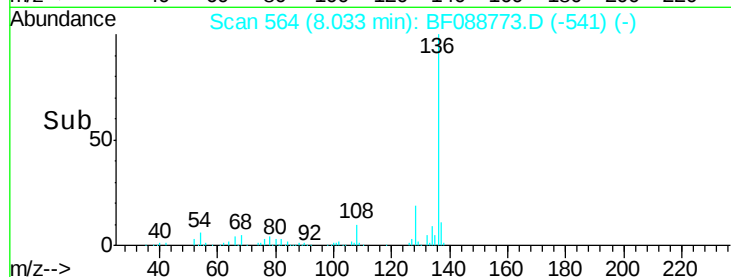


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.55 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:105 Resp: 438193

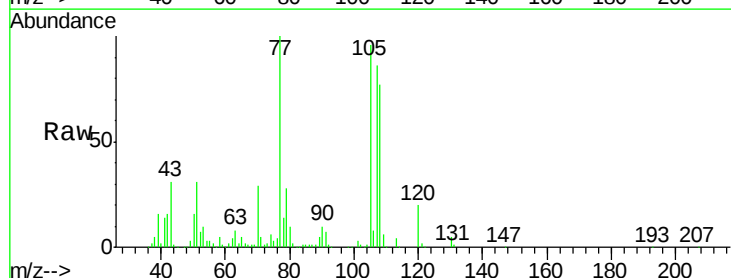
Ion Ratio Lower Upper

105 100

71 5.1 5.3 7.9#

51 32.0 18.2 27.4#

120 20.8 18.0 27.0

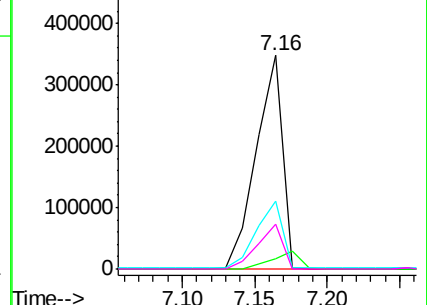
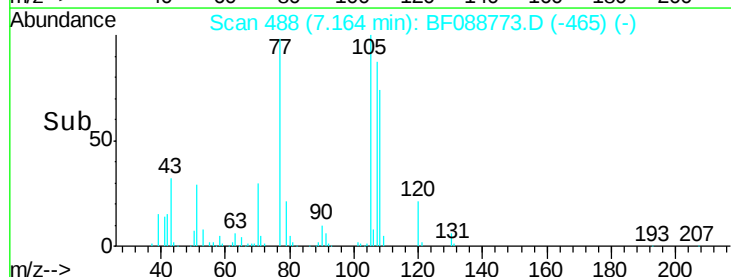


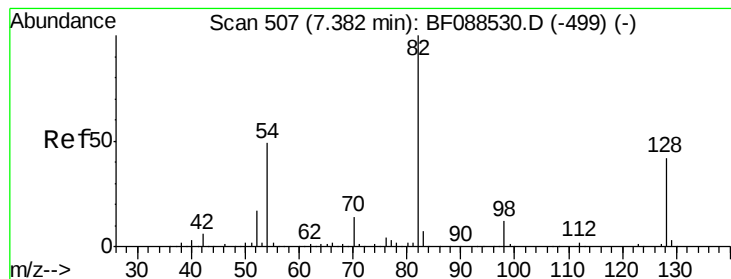
Abundance Ion 105.00 (104.70 to 105.70): E

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: 73.91 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

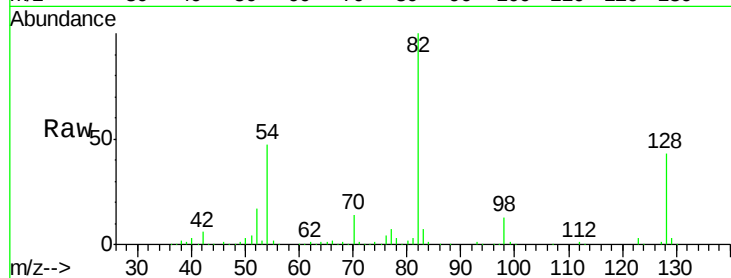
Tgt Ion: 82 Resp: 598473

Ion Ratio Lower Upper

82 100

128 42.5 35.9 53.9

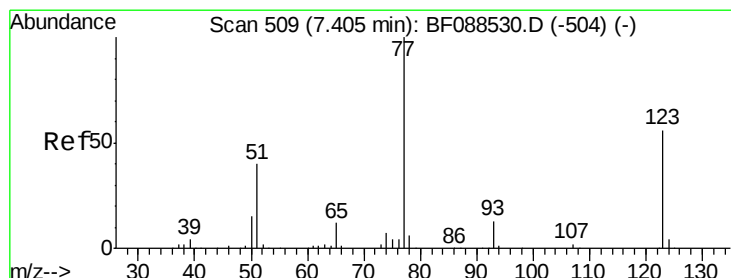
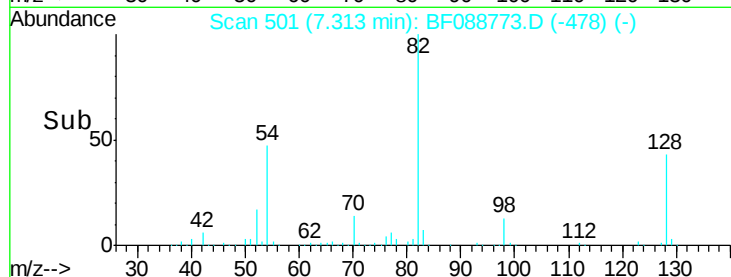
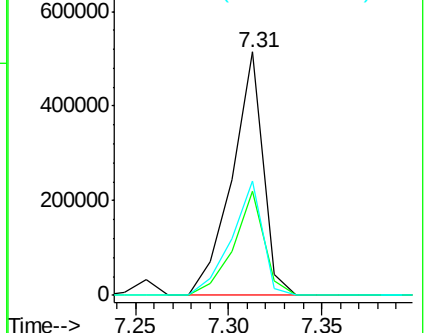
54 47.1 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.03 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

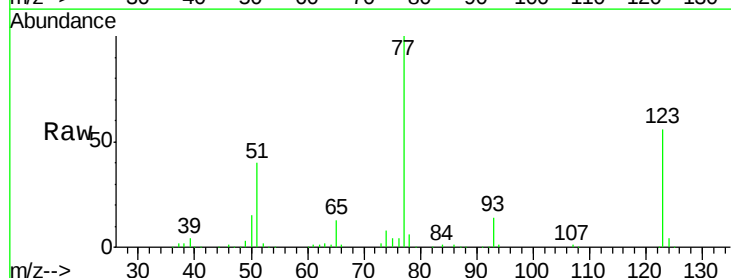
Tgt Ion: 77 Resp: 334974

Ion Ratio Lower Upper

77 100

123 55.6 45.0 67.4

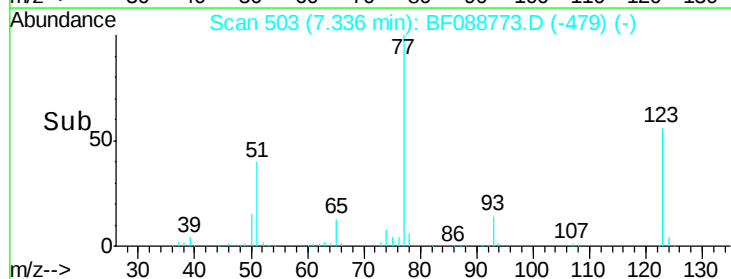
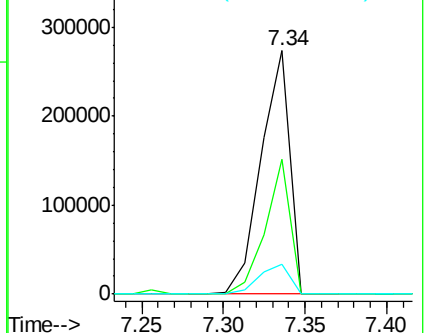
65 12.5 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

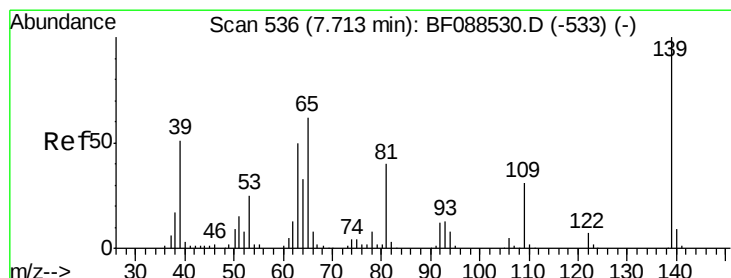
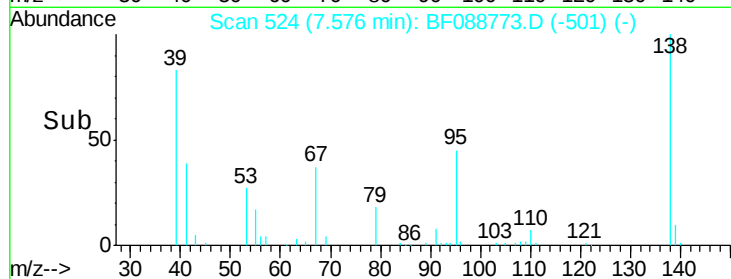
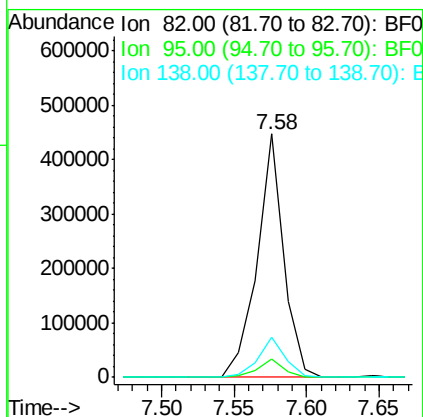
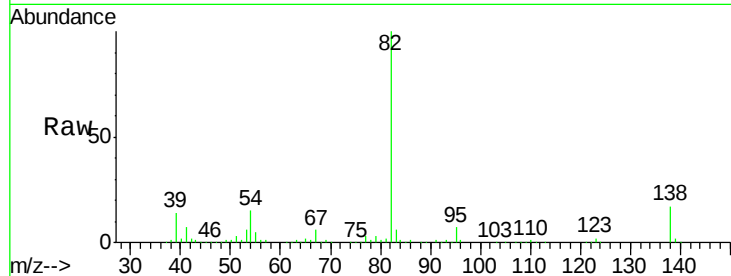




#25
Isophorone
Concen: 37.71 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

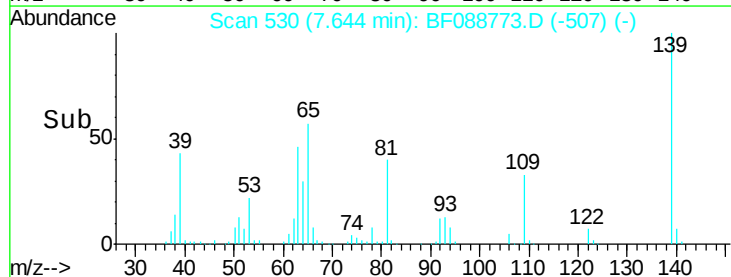
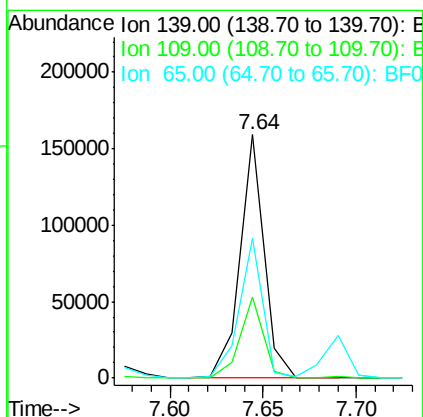
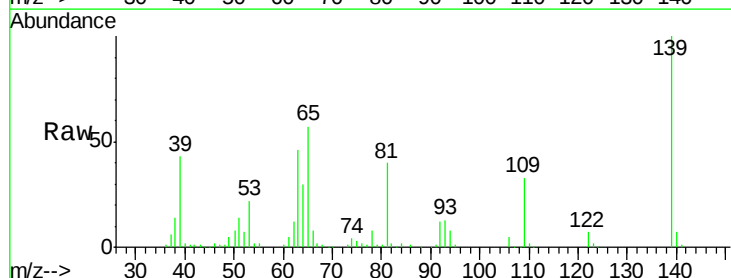
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 565591
Ion Ratio Lower Upper
82 100
95 7.4 5.4 8.2
138 16.6 14.6 21.8



#26
2-Nitrophenol
Concen: 43.05 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion: 139 Resp: 144116
Ion Ratio Lower Upper
139 100
109 33.3 23.0 34.4
65 57.3 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 36.50 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

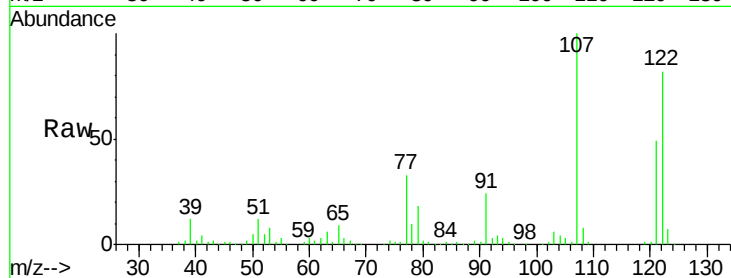
Tgt Ion:122 Resp: 254531

Ion Ratio Lower Upper

122 100

107 122.0 82.4 123.6

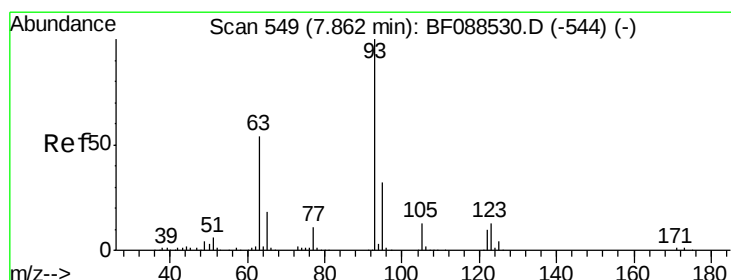
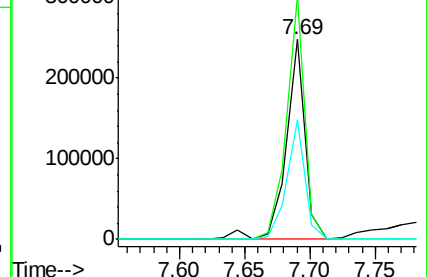
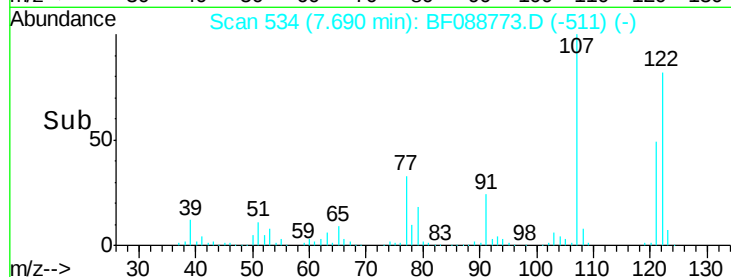
121 60.0 46.3 69.5



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: 38.35 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

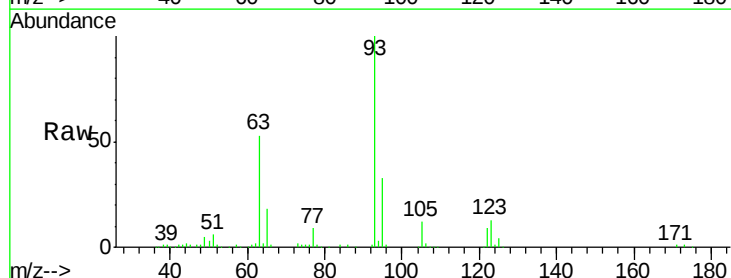
Tgt Ion: 93 Resp: 374284

Ion Ratio Lower Upper

93 100

95 33.0 26.5 39.7

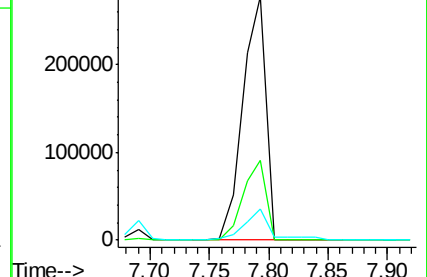
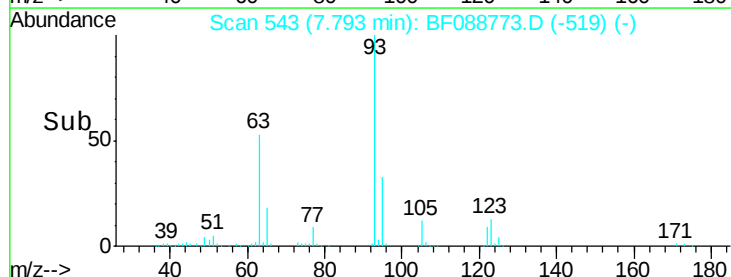
123 12.5 11.6 17.4



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

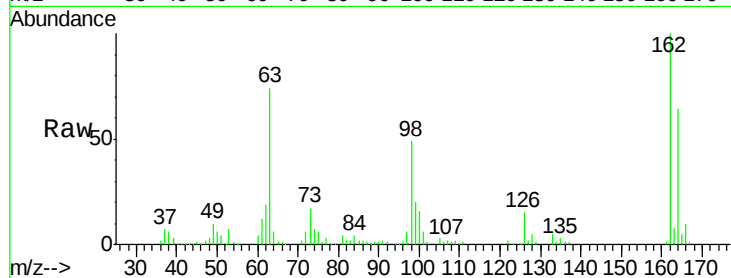




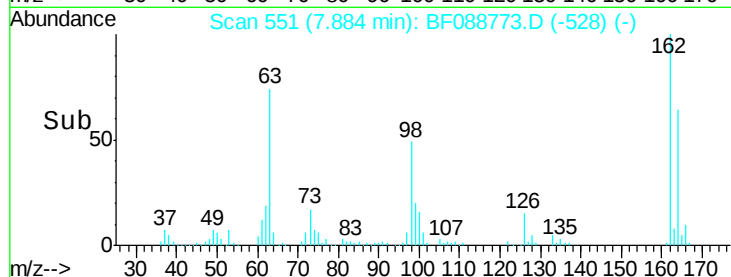
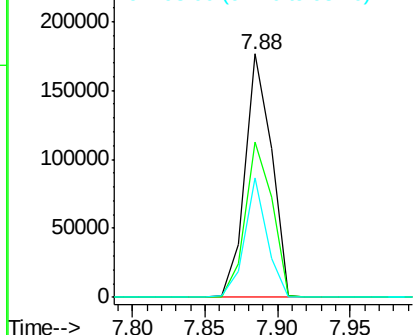
#29
2,4-Dichlorophenol
Concen: 39.65 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 223438
Ion Ratio Lower Upper
162 100
164 63.8 43.8 83.8
98 49.0 21.3 61.3

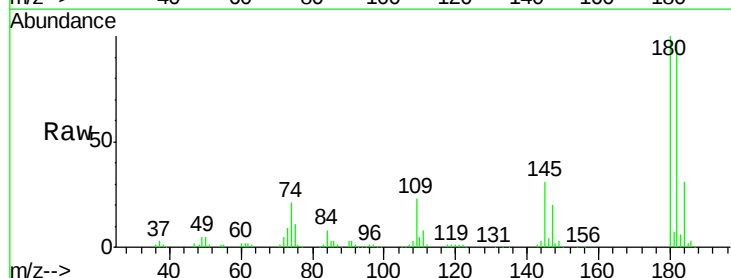


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

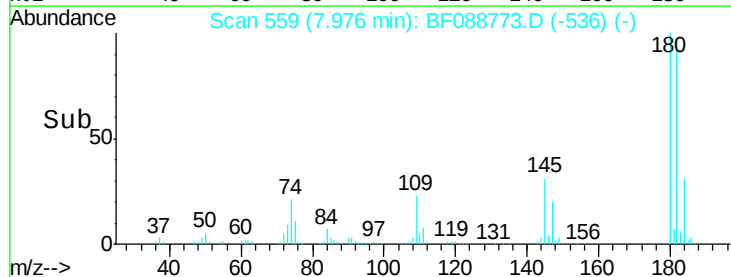
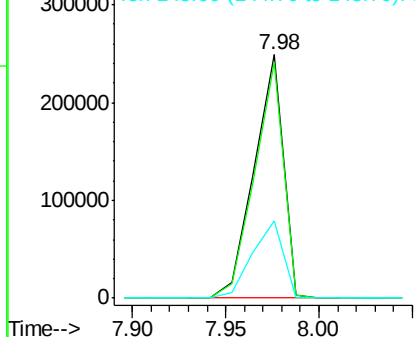


#30
1,2,4-Trichlorobenzene
Concen: 43.36 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:180 Resp: 268133
Ion Ratio Lower Upper
180 100
182 96.8 76.0 114.0
145 31.5 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

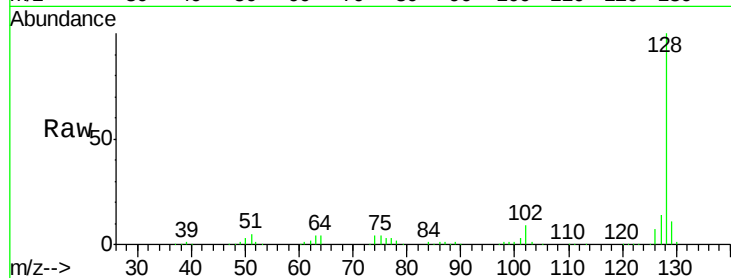




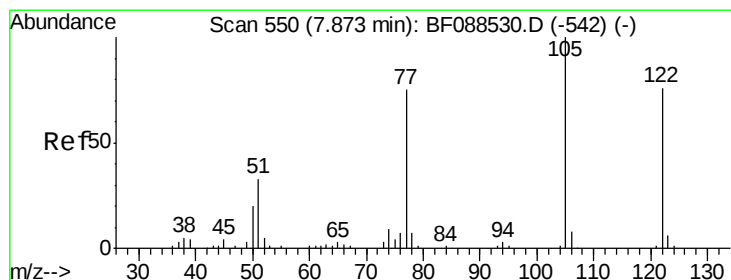
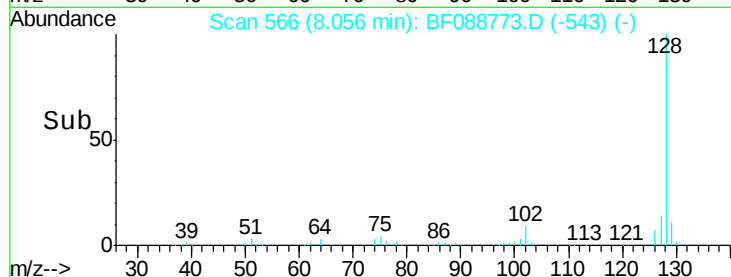
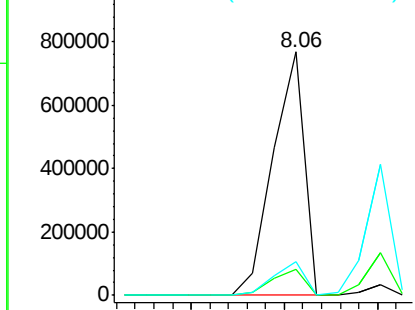
#31
Naphthalene
Concen: 42.95 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 898408
Ion Ratio Lower Upper
128 100
129 10.7 9.4 14.2
127 13.6 10.9 16.3

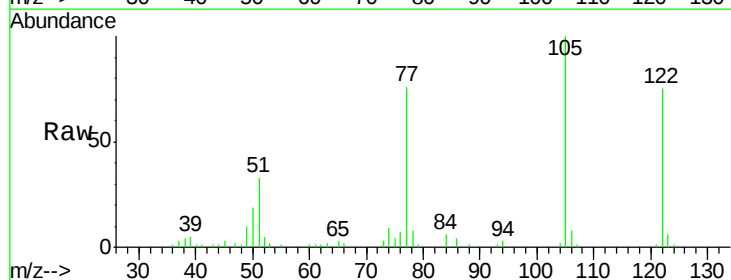


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

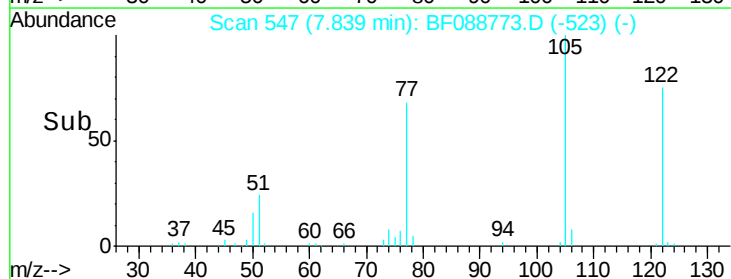
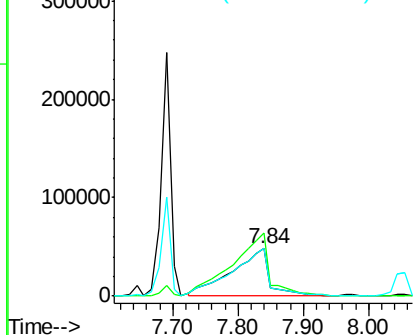


#32
Benzoic acid
Concen: 37.70 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:122 Resp: 190870
Ion Ratio Lower Upper
122 100
105 133.7 101.6 141.6
77 101.8 70.6 110.6



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

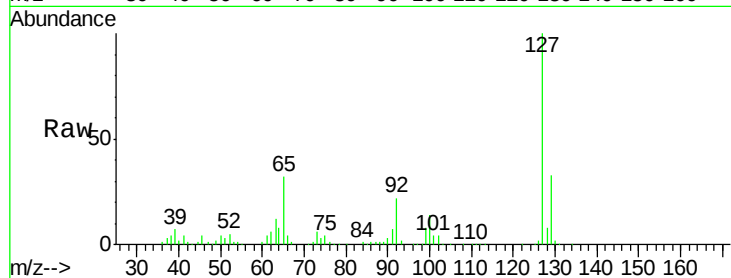




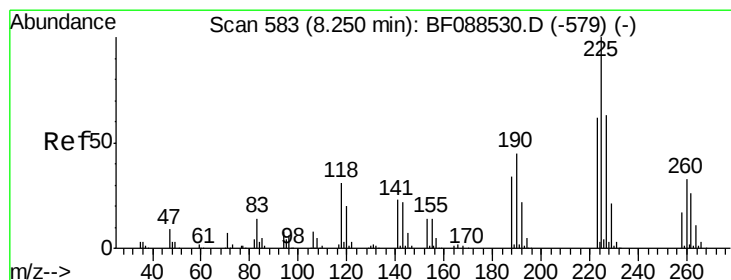
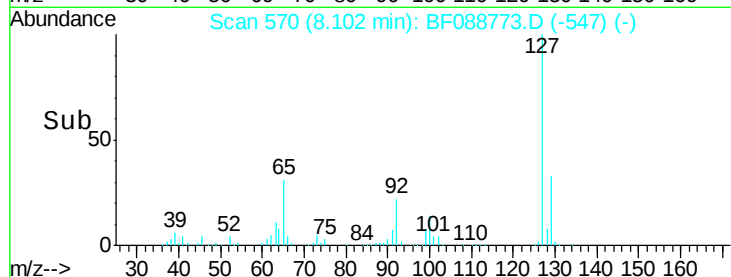
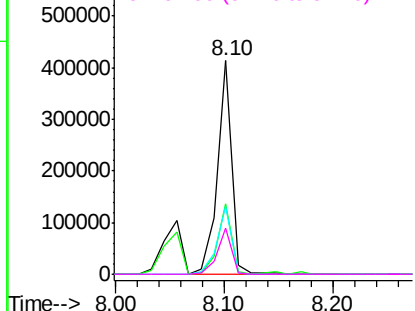
#33
4-Chloroaniline
Concen: 41.14 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	382919
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	31.5	24.7	37.1
92	21.6	15.4	23.0

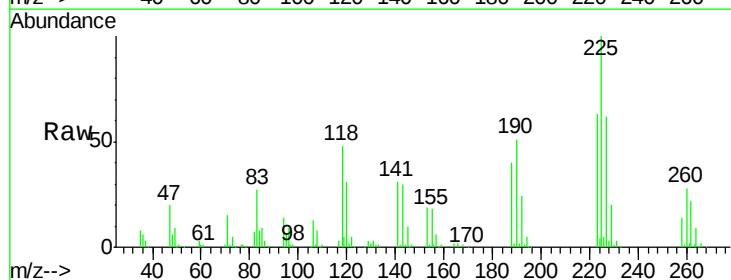


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

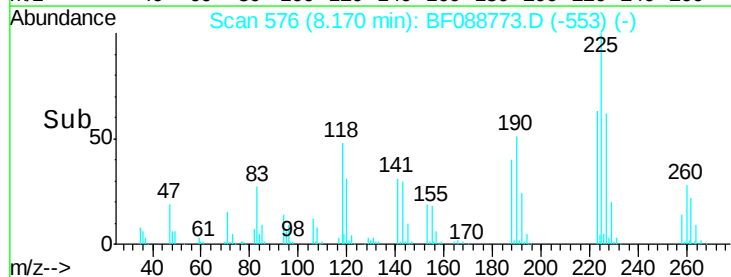
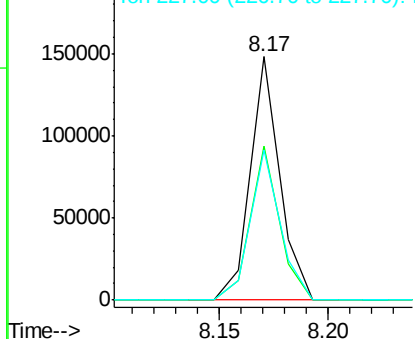


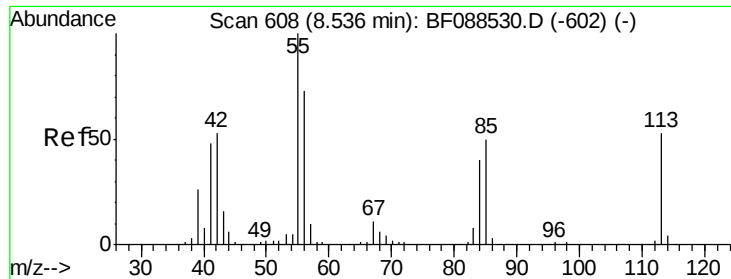
#34
Hexachlorobutadiene
Concen: 42.22 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:	225	Resp:	139811
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	61.8	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

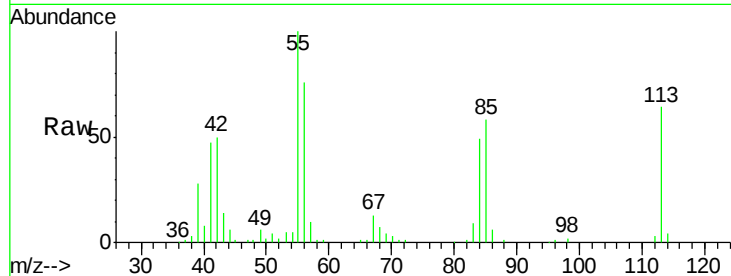




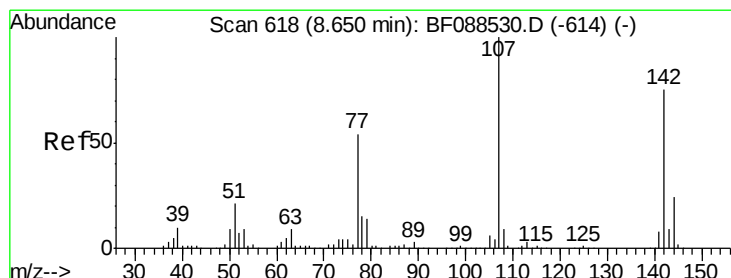
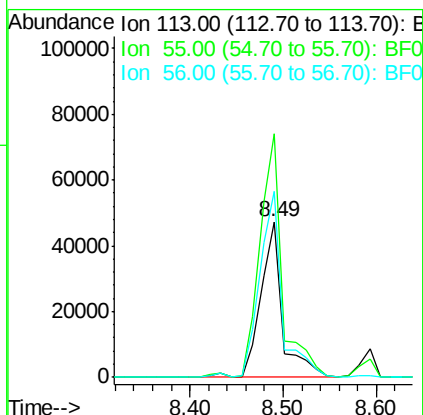
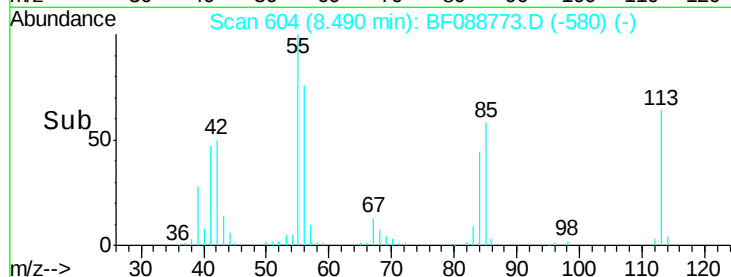
#35
 Caprolactam
 Concen: 40.01 ng
 RT: 8.49 min Scan# 604
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 76581
 Ion Ratio Lower Upper
 113 100
 55 156.5 158.6 198.6#
 56 119.4 110.6 150.6

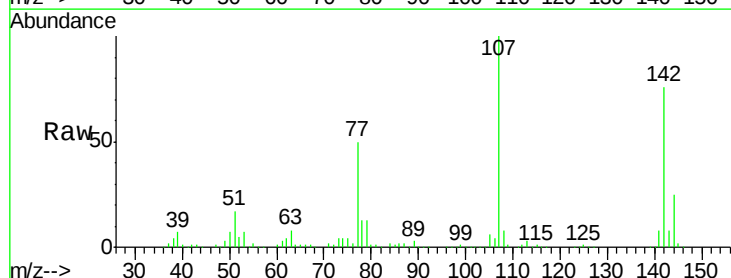


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

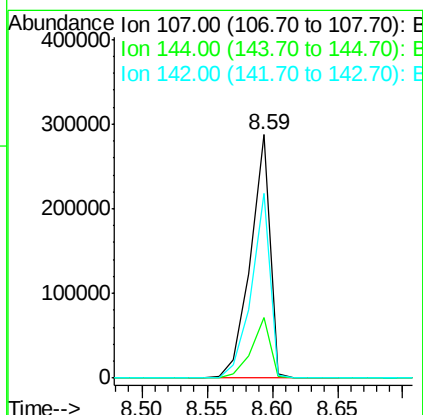
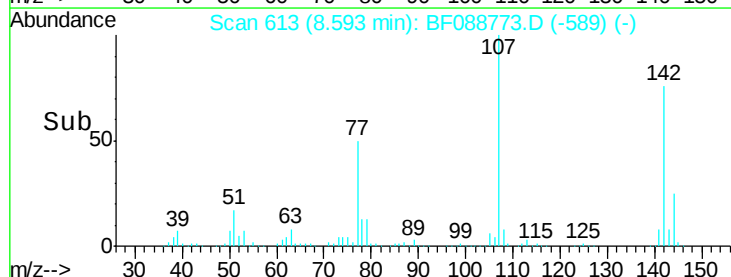


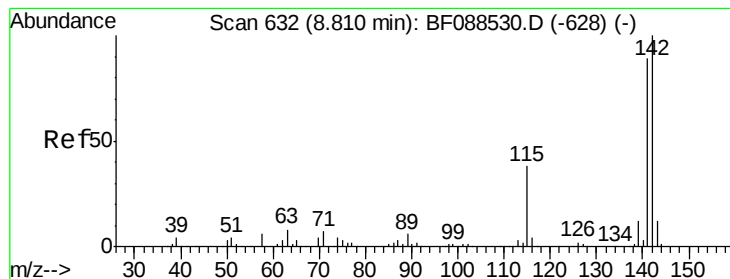
#36
 4-Chloro-3-methylphenol
 Concen: 45.25 ng
 RT: 8.59 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:107 Resp: 301522
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.8 31.2
 142 76.1 63.4 95.2



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





#37

2-Methylnaphthalene

Concen: 40.49 ng

RT: 8.74 min Scan# 626

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

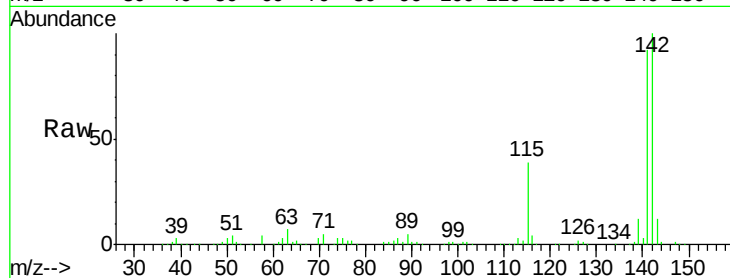
Tgt Ion:142 Resp: 545470

Ion Ratio Lower Upper

142 100

141 91.7 71.0 106.6

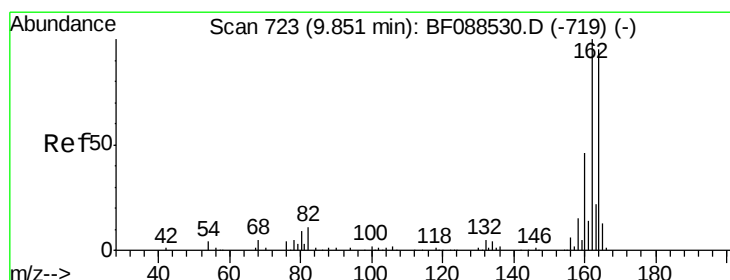
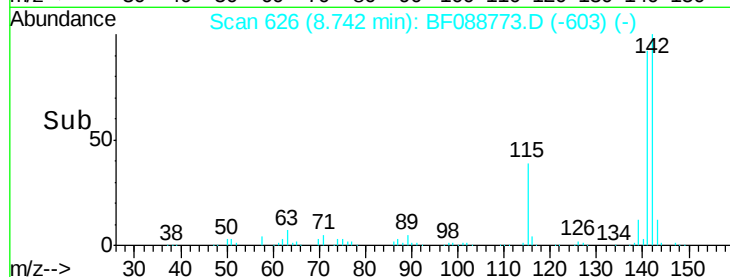
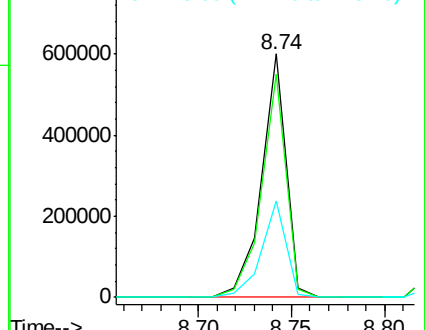
115 39.4 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

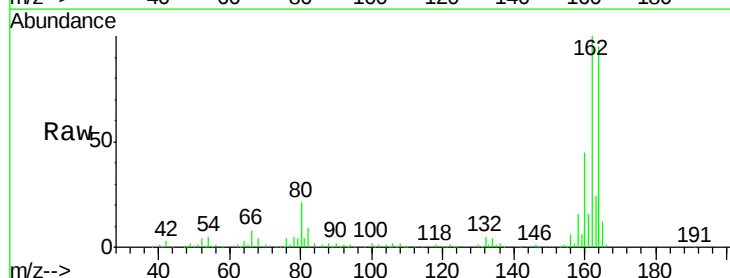
Tgt Ion:164 Resp: 193944

Ion Ratio Lower Upper

164 100

162 105.4 85.4 128.2

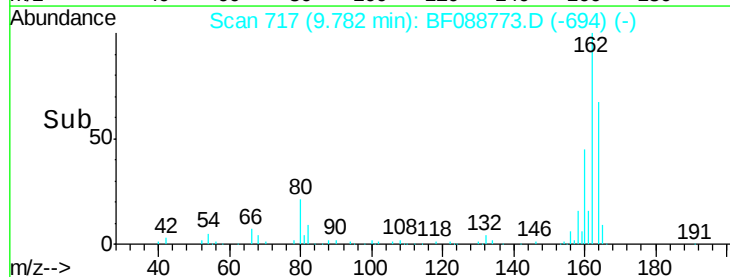
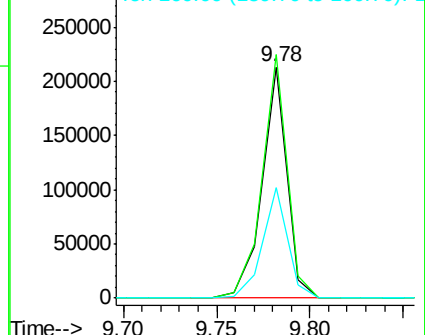
160 47.8 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.34 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 305373

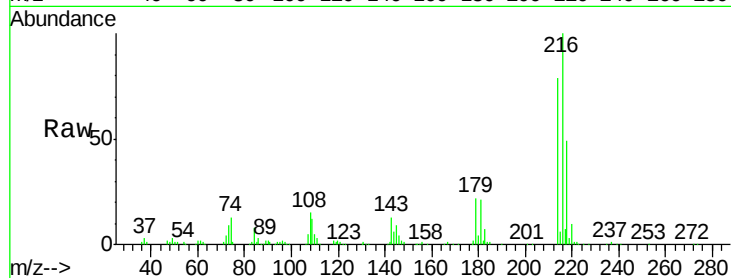
Ion Ratio Lower Upper

216 100

214 78.9 2.9 4.3#

179 23.0 0.0 0.0#

108 20.4 0.5 0.7#

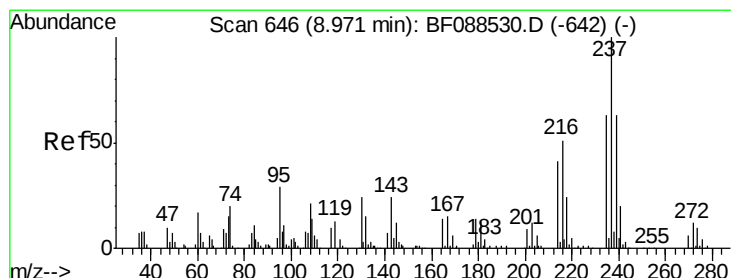
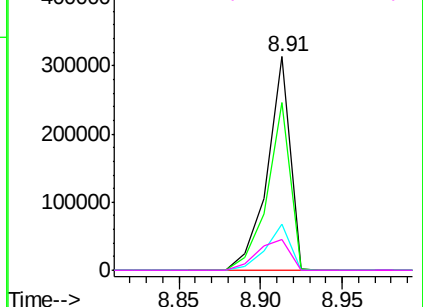
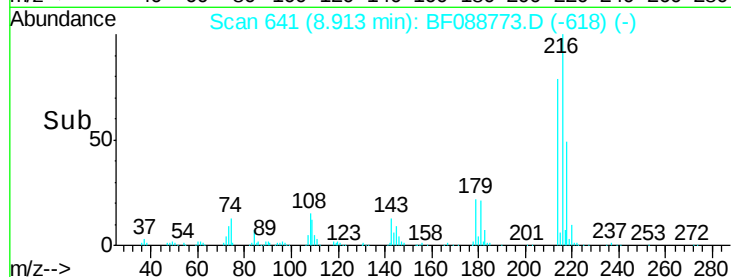


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 42.04 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

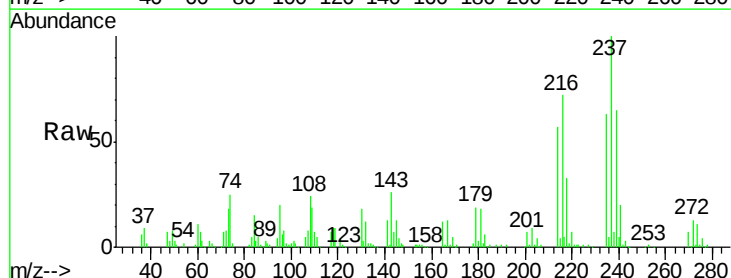
Tgt Ion:237 Resp: 133093

Ion Ratio Lower Upper

237 100

235 62.8 43.4 83.4

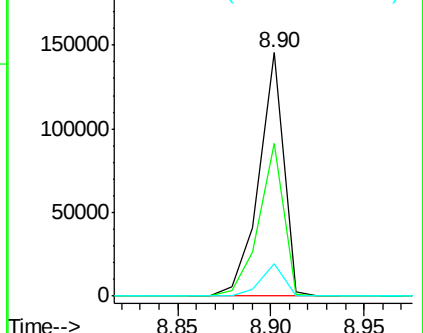
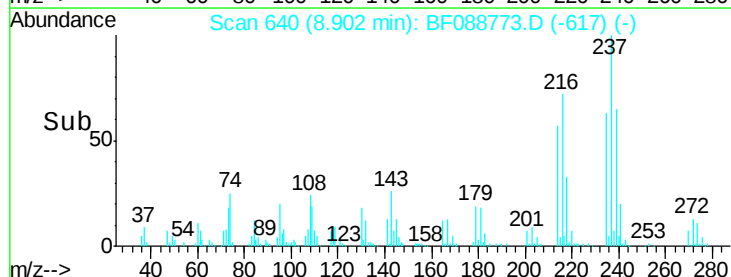
272 13.2 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

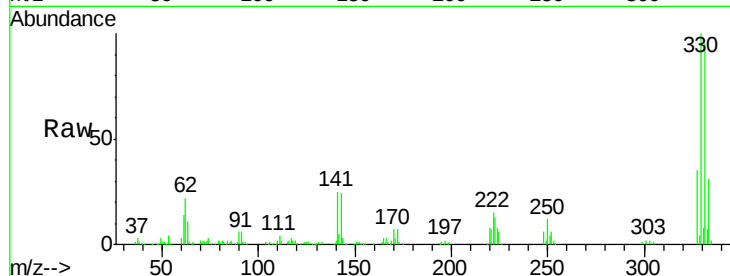




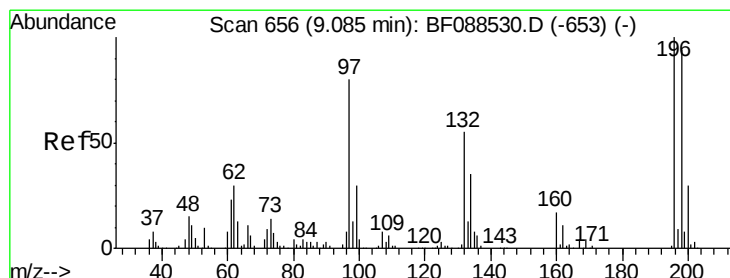
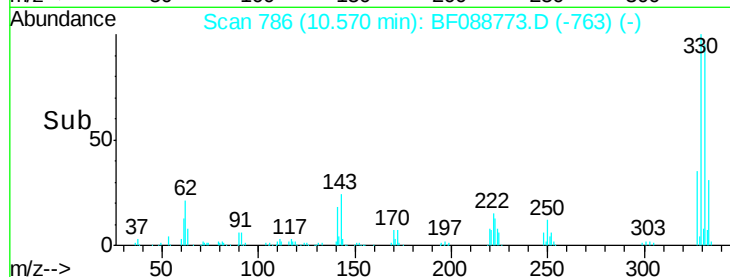
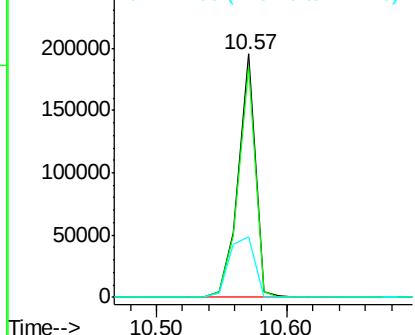
#41
 2,4,6-Tribromophenol
 Concen: 98.15 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 176770
 Ion Ratio Lower Upper
 330 100
 332 94.8 0.0 0.0#
 141 36.9 0.0 0.0#

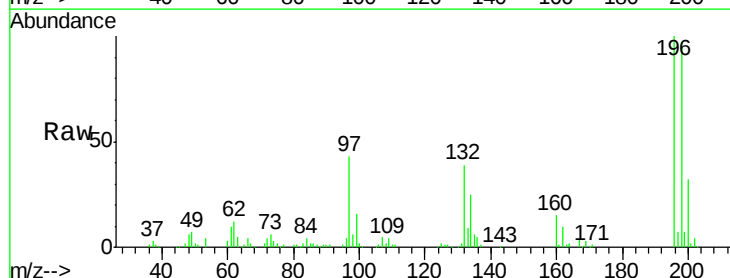


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

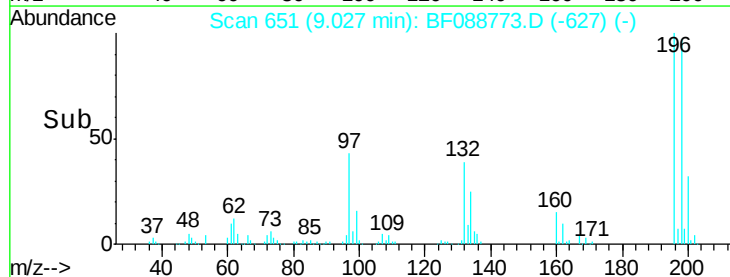
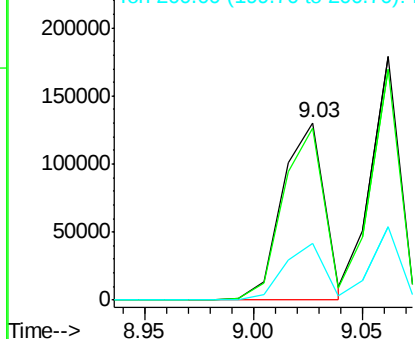


#42
 2,4,6-Trichlorophenol
 Concen: 41.09 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:196 Resp: 174779
 Ion Ratio Lower Upper
 196 100
 198 97.2 78.0 117.0
 200 32.0 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

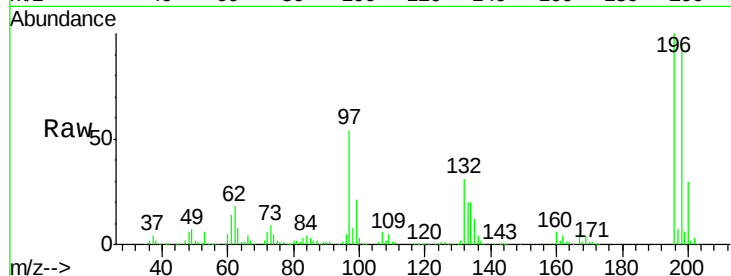




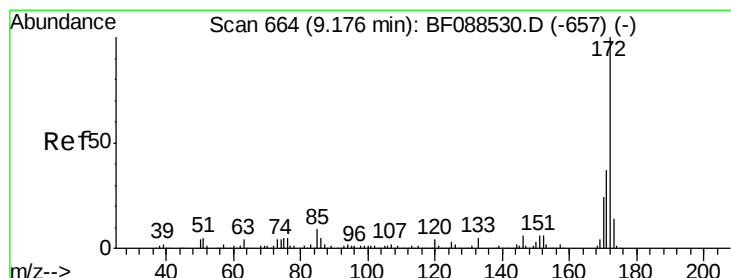
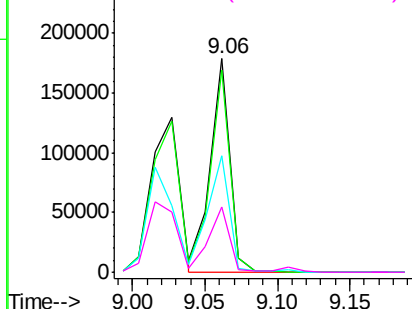
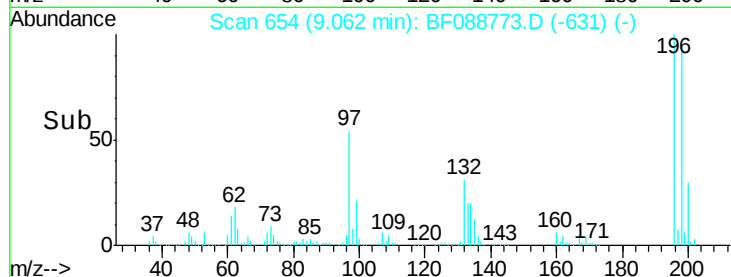
#43
 2,4,5-Trichlorophenol
 Concen: 45.76 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 167437
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.5 116.3
 97 54.4 32.0 48.0#
 132 30.6 20.9 31.3

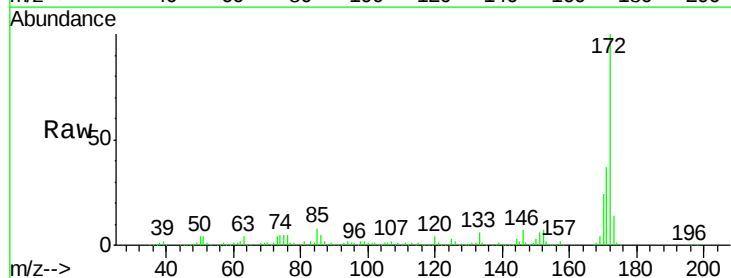


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

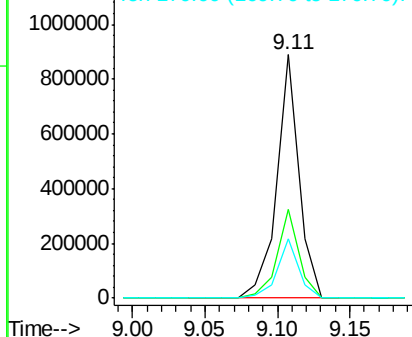
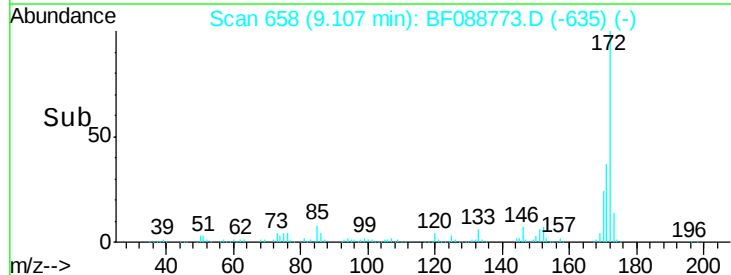


#44
 2-Fluorobiphenyl
 Concen: 76.77 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:172 Resp: 942616
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 43.0
 170 24.3 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

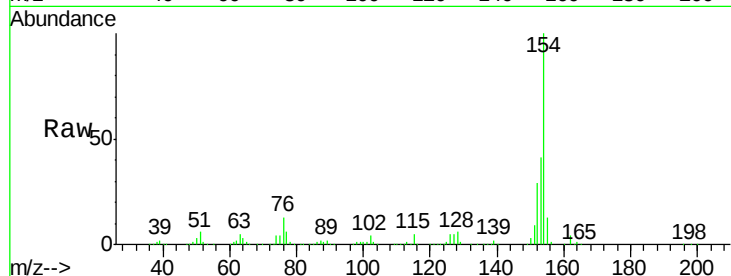




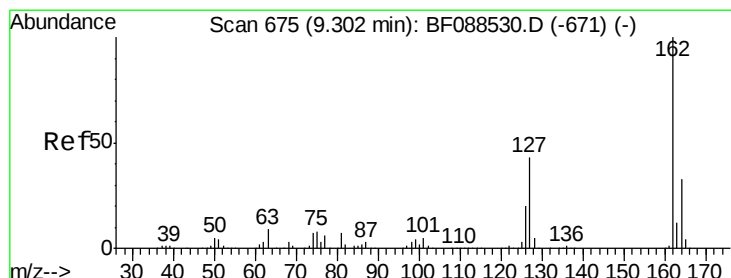
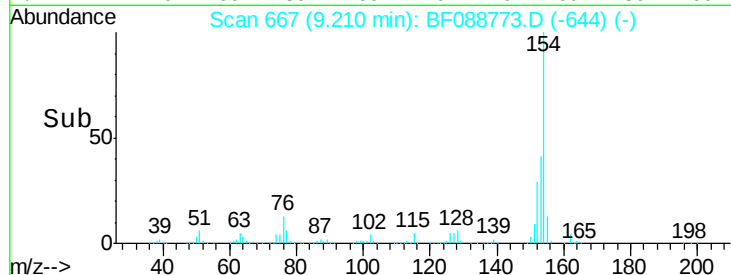
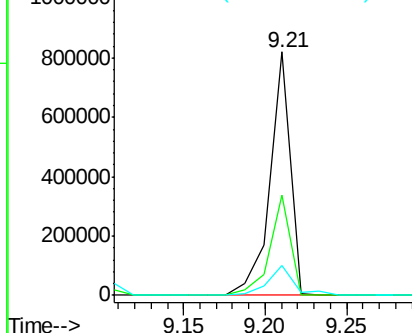
#45
 1,1'-Biphenyl
 Concen: 44.36 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.6	60.6
76	12.5	0.0	35.1

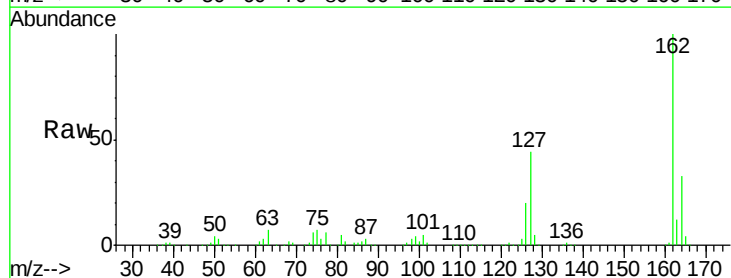


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

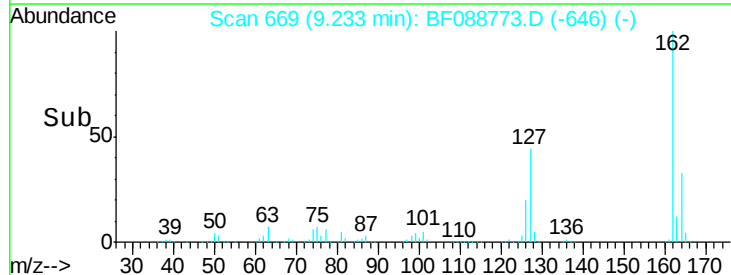
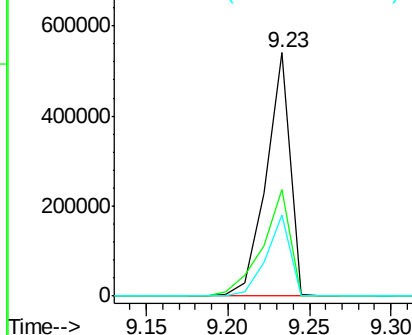


#46
 2-Chloronaphthalene
 Concen: 43.95 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.6	35.2	52.8
164	33.5	26.6	39.8



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

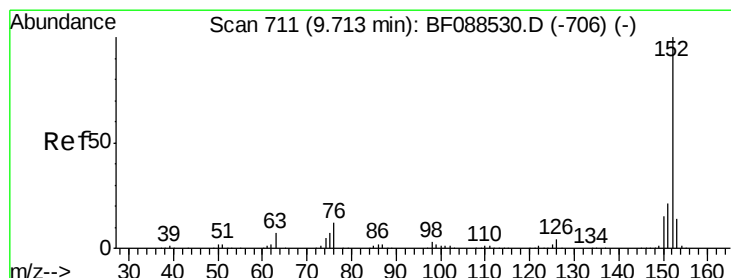
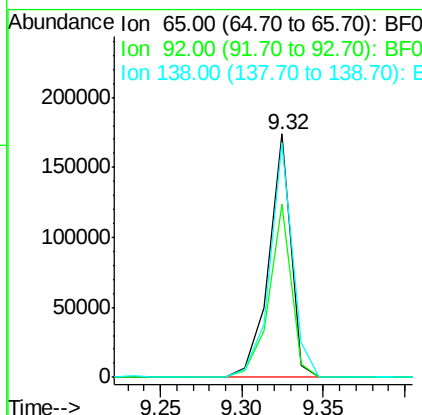
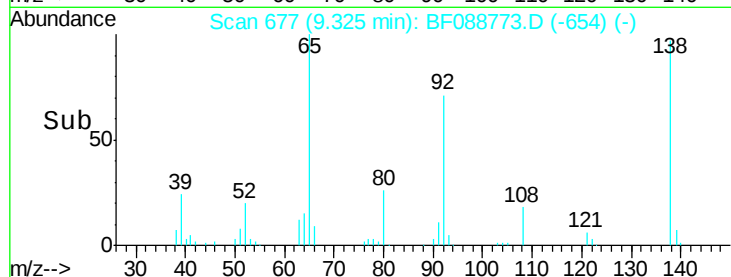
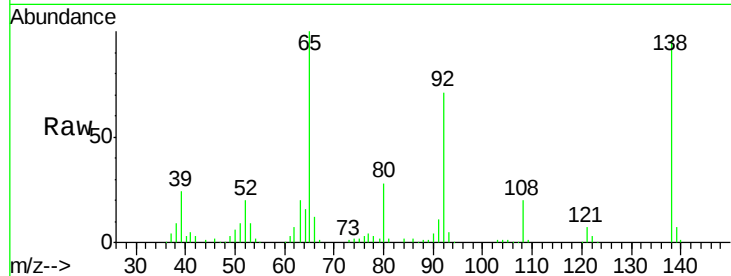




#47
 2-Nitroaniline
 Concen: 36.66 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

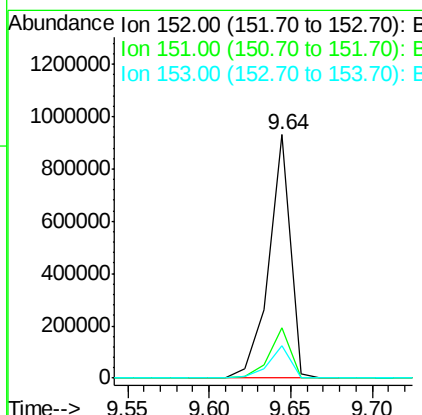
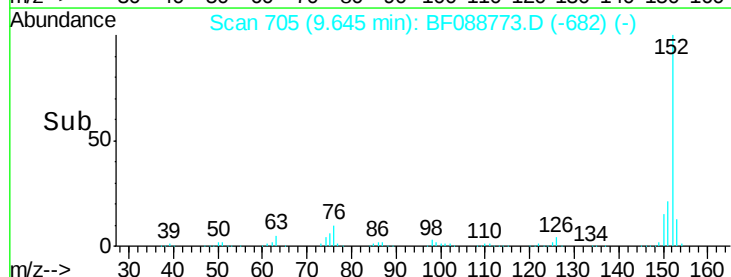
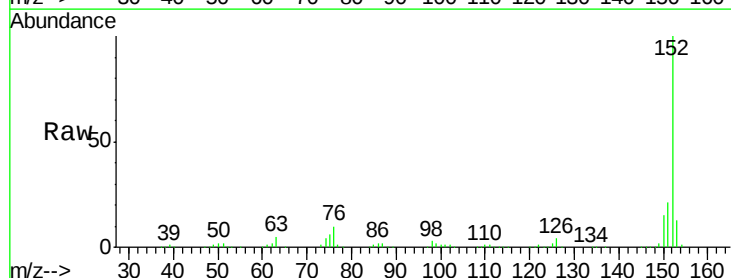
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

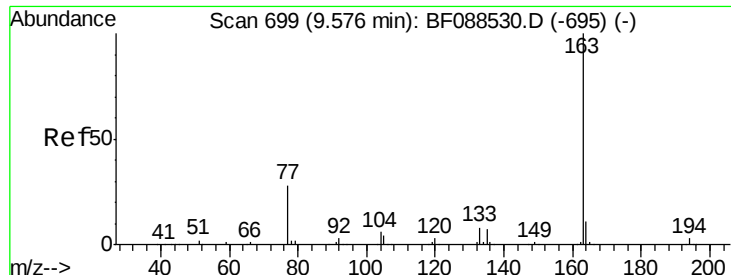
Tgt Ion: 65 Resp: 164046
 Ion Ratio Lower Upper
 65 100
 92 70.9 54.6 82.0
 138 96.2 77.0 115.4



#48
 Acenaphthylene
 Concen: 42.68 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion: 152 Resp: 856192
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.2 24.4
 153 13.4 11.0 16.6

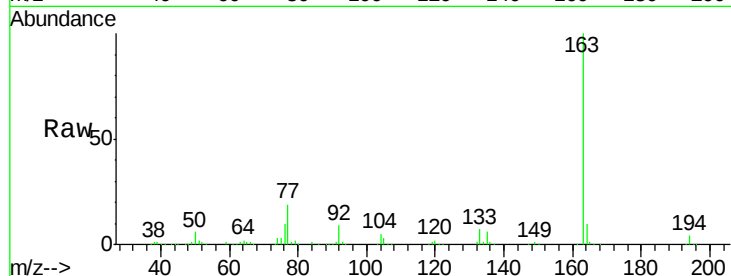




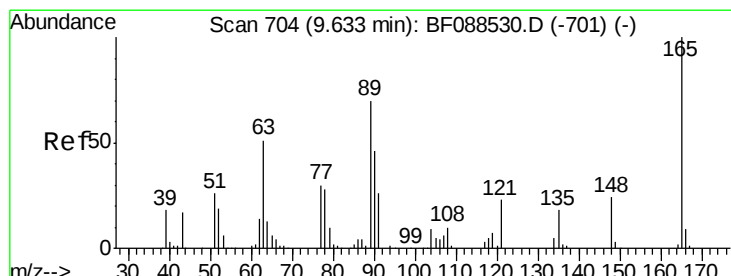
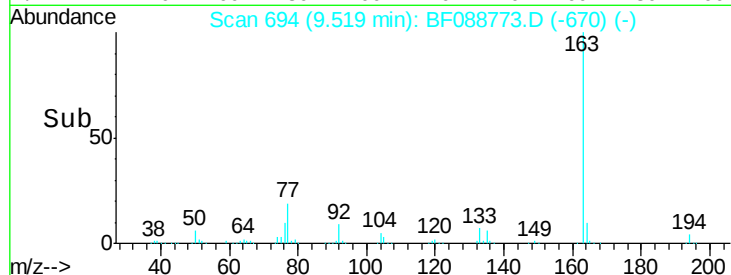
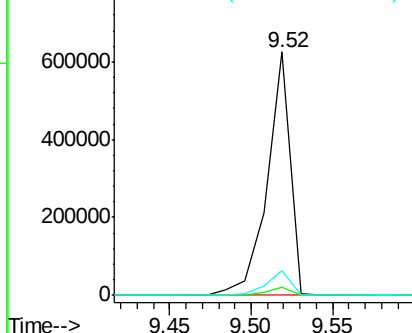
#49
Dimethylphthalate
Concen: 44.23 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 611164
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.9 8.3 12.5

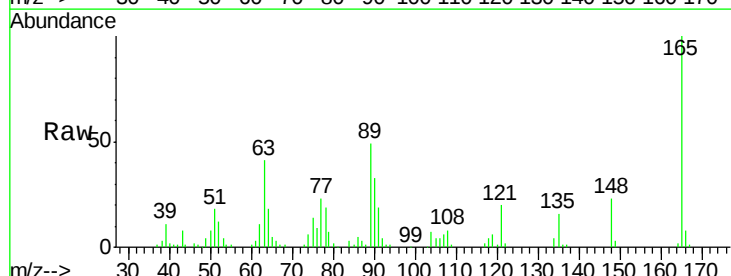


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

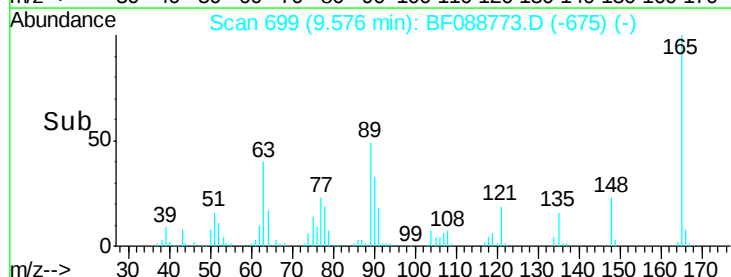
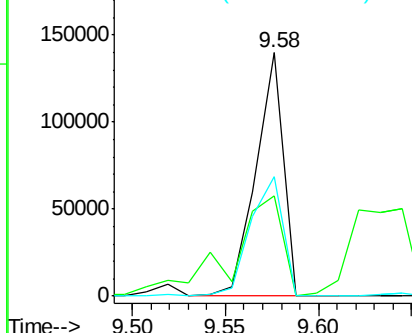


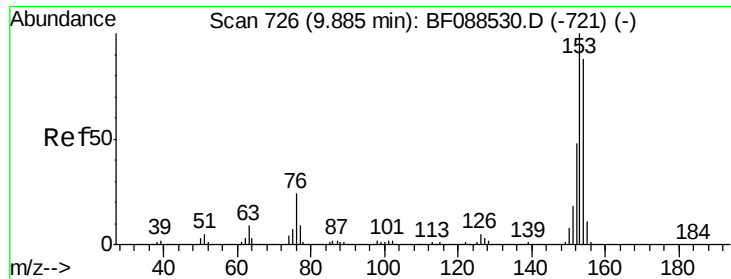
#50
2,6-Dinitrotoluene
Concen: 46.23 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:165 Resp: 141572
Ion Ratio Lower Upper
165 100
63 41.2 28.1 42.1
89 48.9 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: 41.96 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

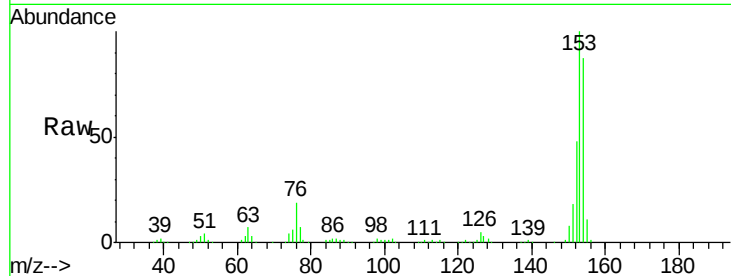
Tgt Ion:154 Resp: 515973

Ion Ratio Lower Upper

154 100

153 114.5 89.5 134.3

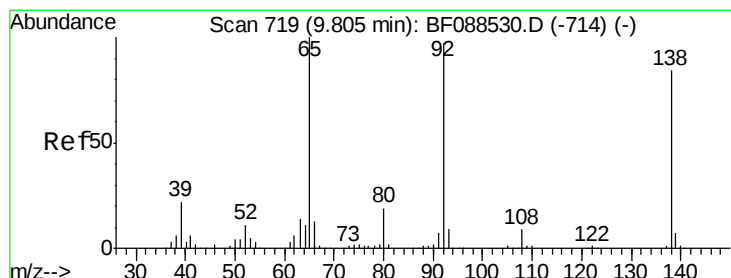
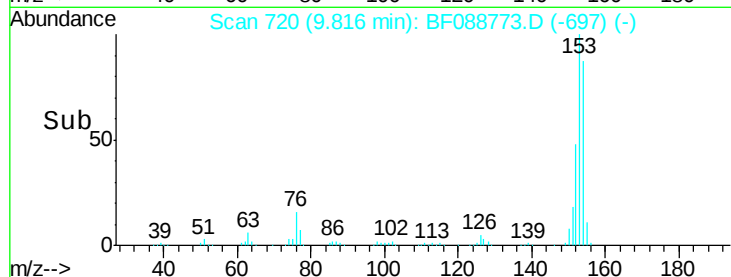
152 55.1 42.7 64.1



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: 34.29 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

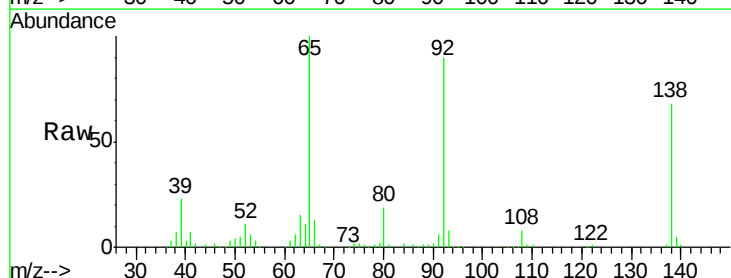
Tgt Ion:138 Resp: 133503

Ion Ratio Lower Upper

138 100

108 11.8 8.5 12.7

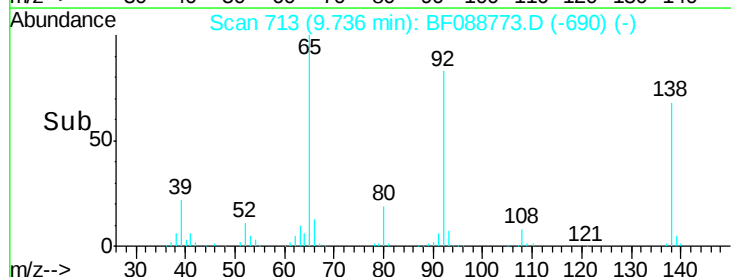
92 132.7 95.7 143.5



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

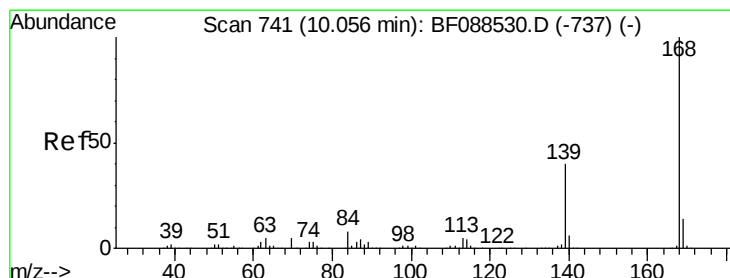
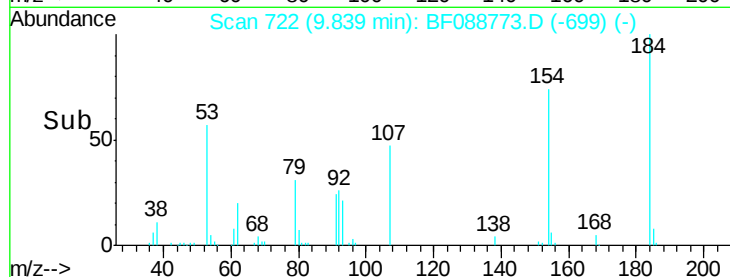
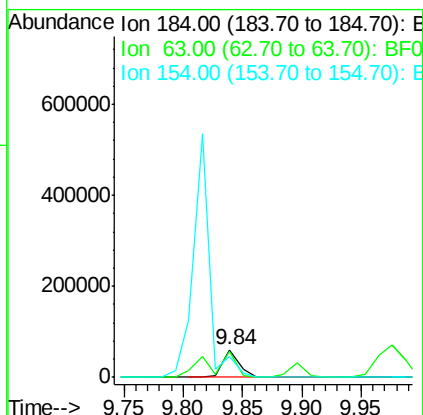
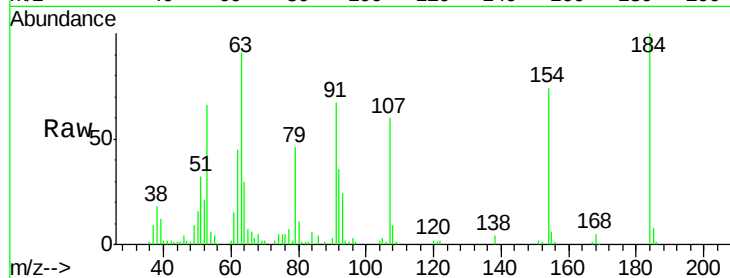




#53
2,4-Dinitrophenol
Concen: 43.95 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

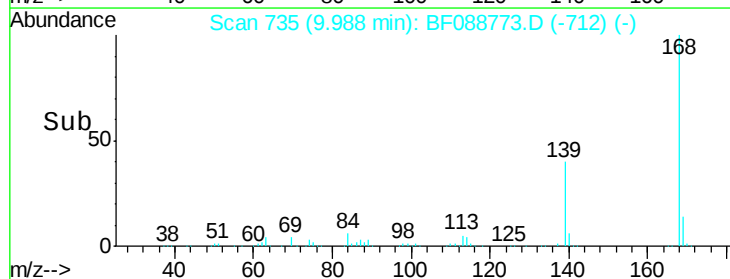
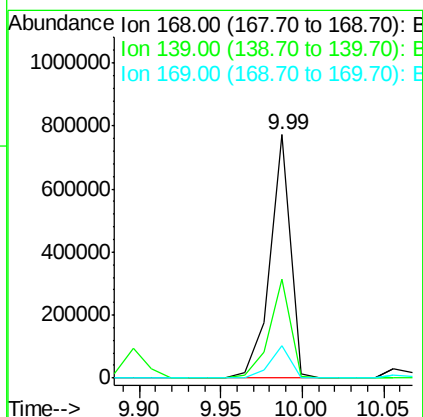
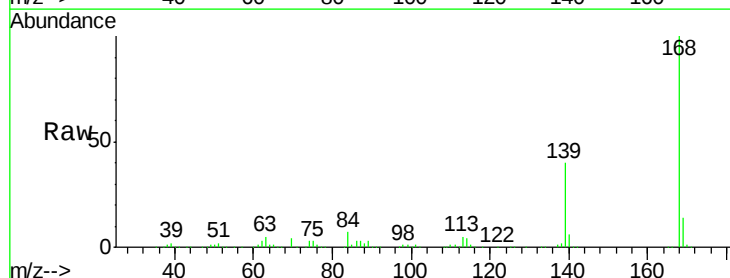
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

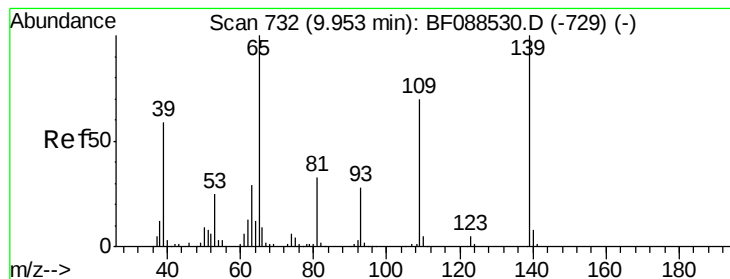
Tgt Ion:184 Resp: 59422
Ion Ratio Lower Upper
184 100
63 91.5 57.6 86.4#
154 74.2 53.5 80.3



#54
Dibenzofuran
Concen: 41.79 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:168 Resp: 672588
Ion Ratio Lower Upper
168 100
139 40.4 26.4 39.6#
169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 33.59 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

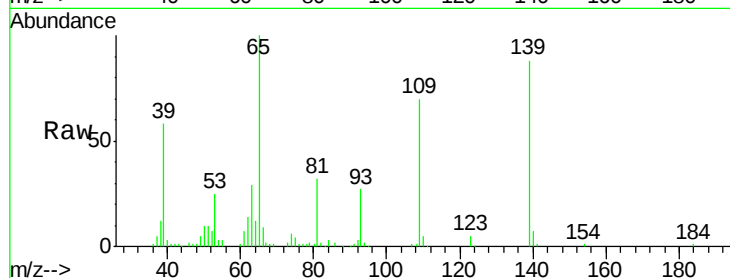
Tgt Ion:139 Resp: 99363

Ion Ratio Lower Upper

139 100

109 79.7 48.9 88.9

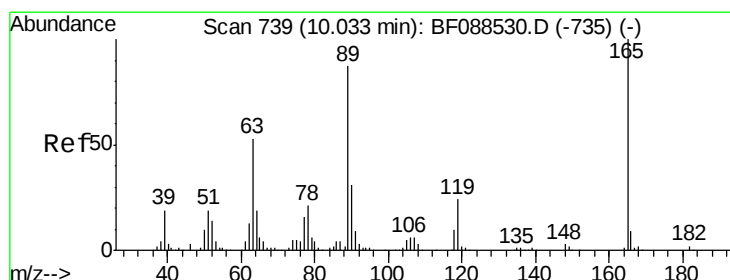
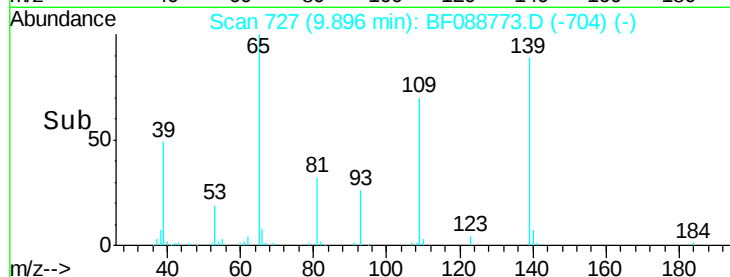
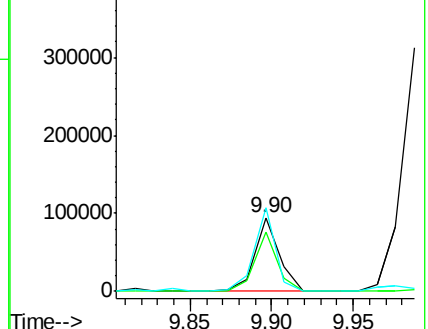
65 114.2 84.9 124.9



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: 46.41 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:165 Resp: 185805

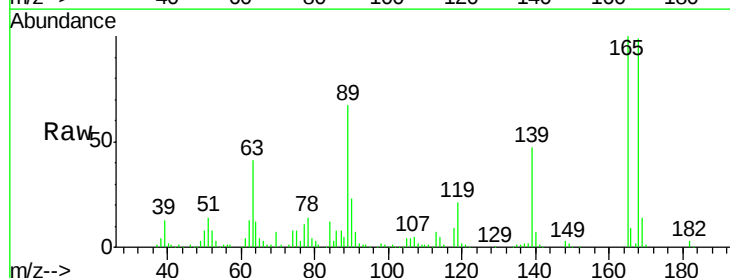
Ion Ratio Lower Upper

165 100

63 40.8 22.0 33.0#

89 67.4 41.1 61.7#

182 2.6 2.0 3.0

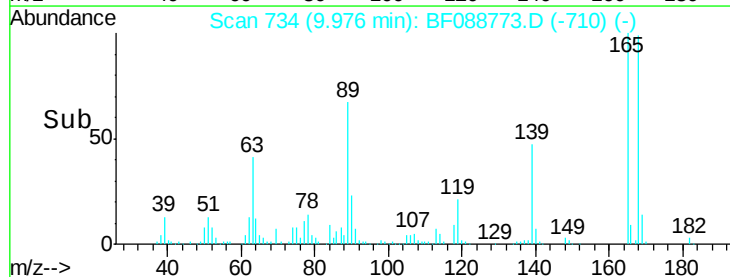
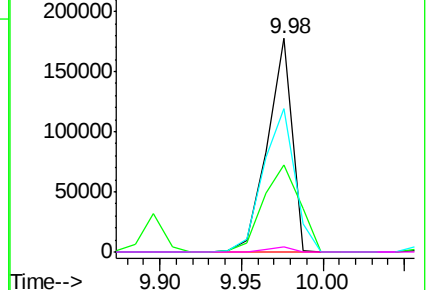


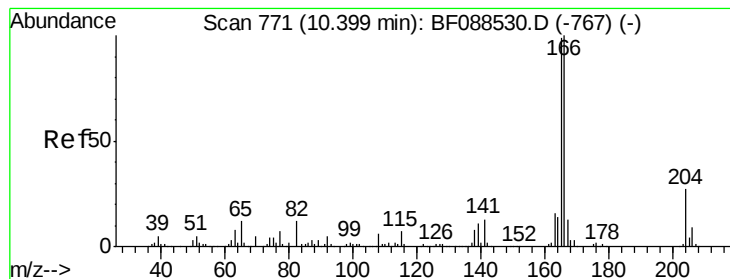
Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.59 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

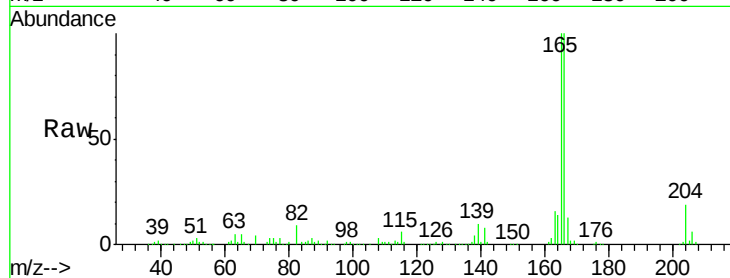
Tgt Ion:166 Resp: 565506

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.8

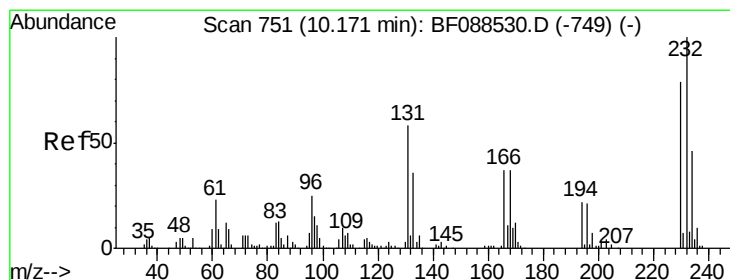
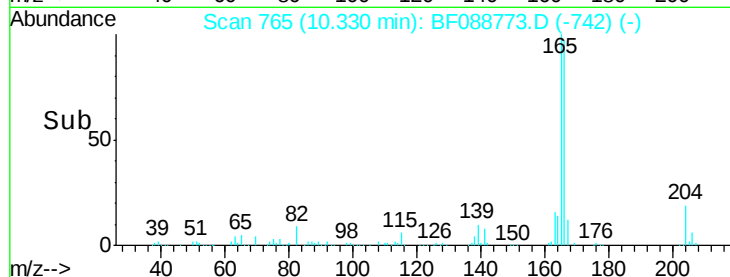
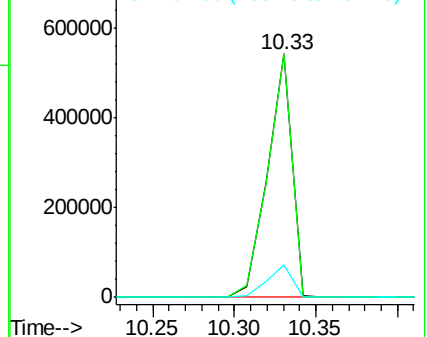
167 13.2 11.2 16.8



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: 40.50 ng

RT: 10.10 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Tgt Ion:232 Resp: 114670

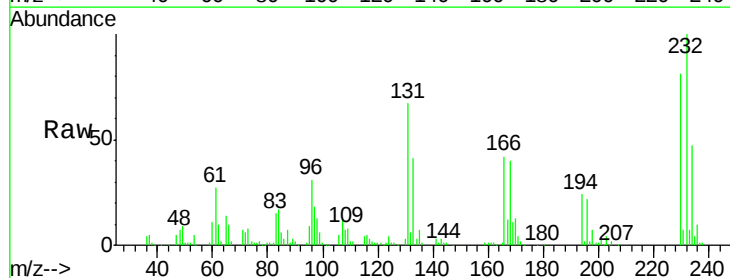
Ion Ratio Lower Upper

232 100

131 59.2 0.9 1.3#

130 3.0 1.5 2.3#

166 37.6 0.5 0.7#

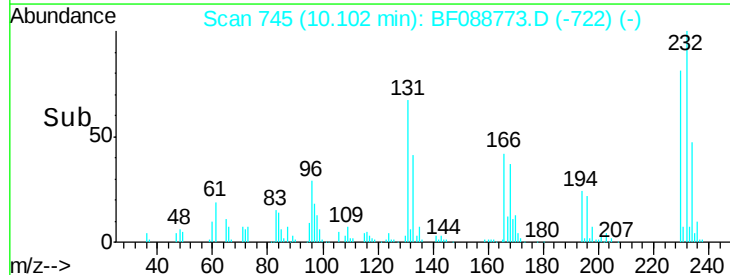
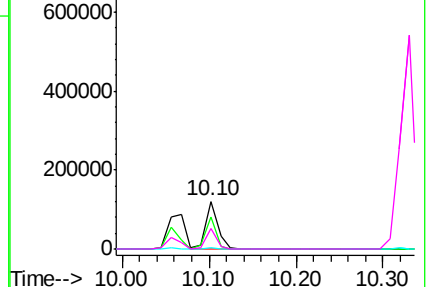


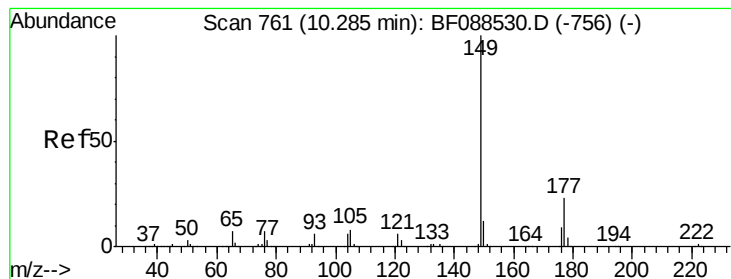
Abundance Ion 232.00 (231.70 to 232.70): E

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: 42.63 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

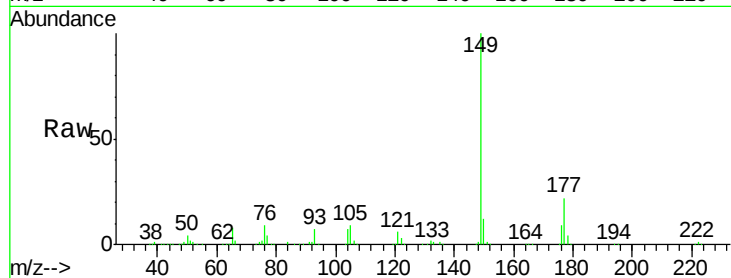
Tgt Ion:149 Resp: 591149

Ion Ratio Lower Upper

149 100

177 22.0 16.9 25.3

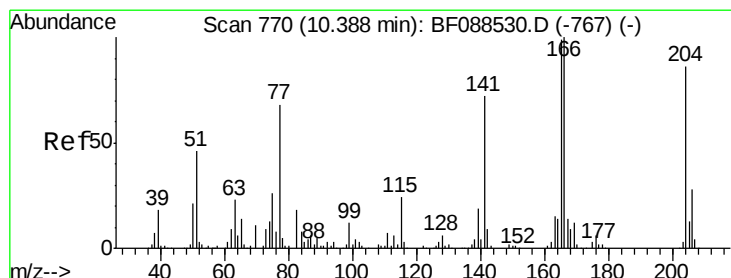
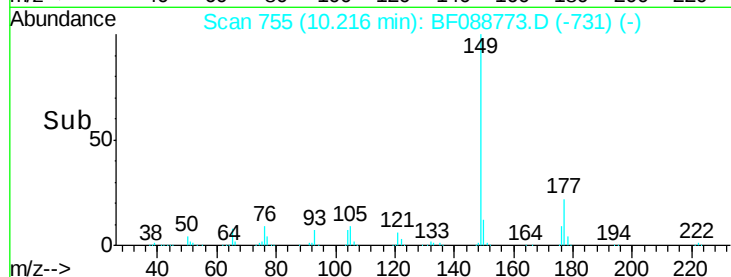
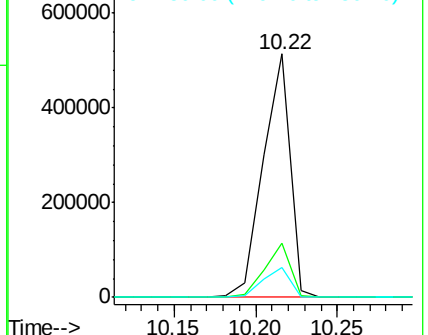
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.55 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

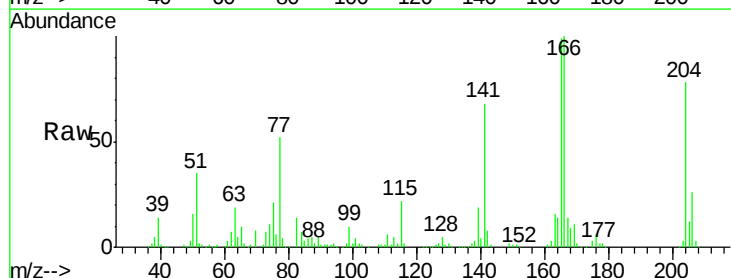
Tgt Ion:204 Resp: 216376

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

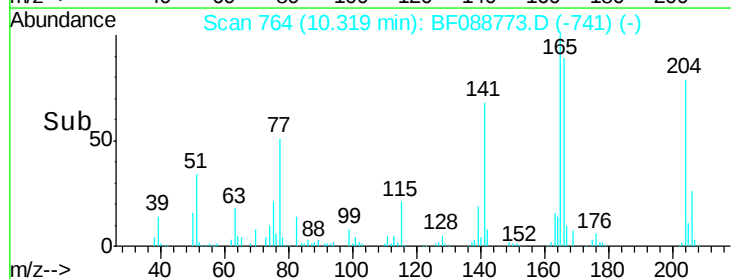
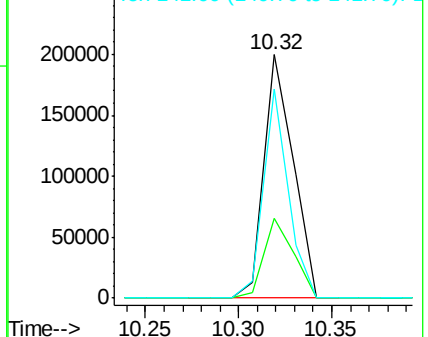
141 86.0 55.0 82.6#

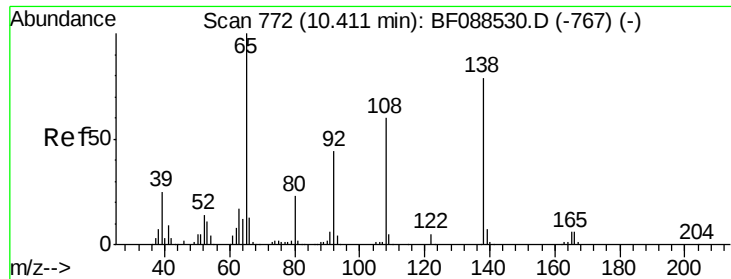


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

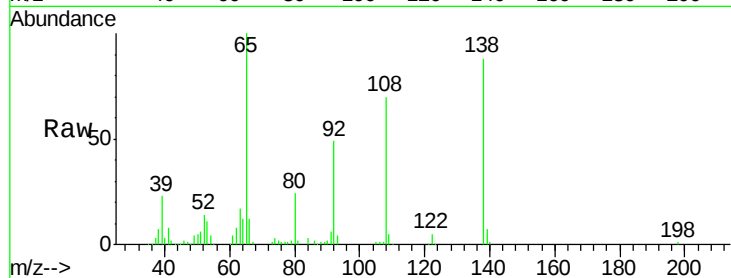




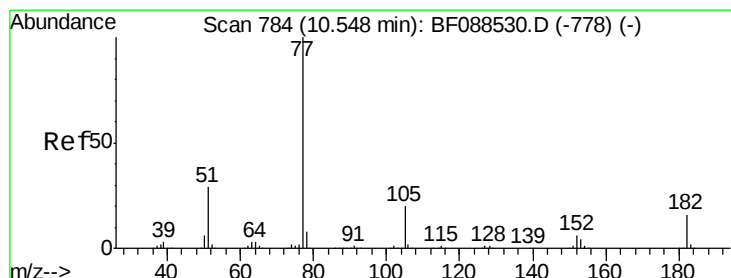
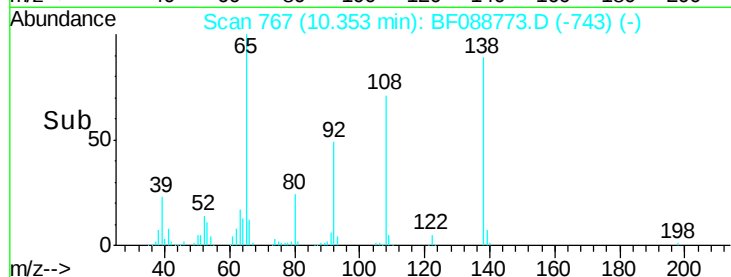
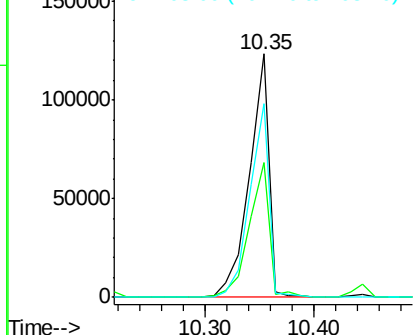
#61
4-Nitroaniline
Concen: 41.66 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 138 Resp: 156058
Ion Ratio Lower Upper
138 100
92 55.2 27.3 67.3
108 79.7 46.7 86.7

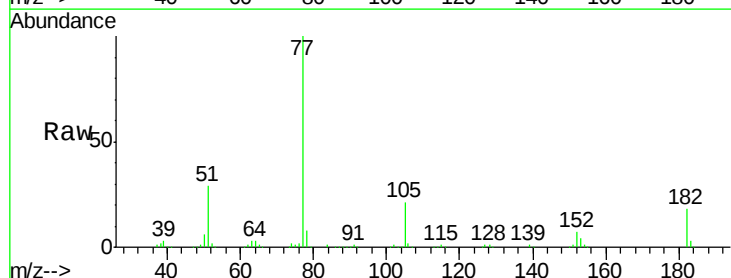


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

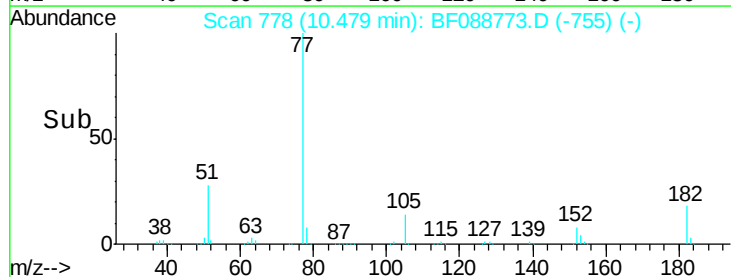
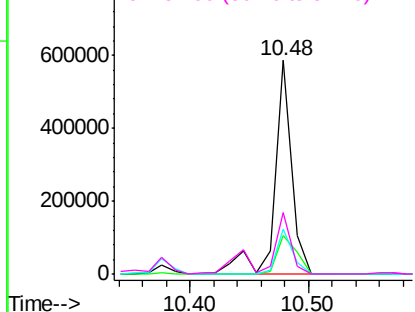


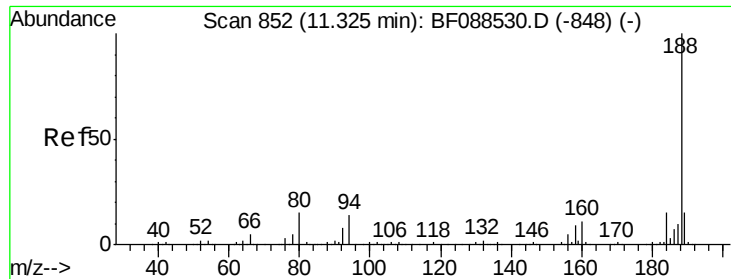
#62
Azobenzene
Concen: 37.15 ng
RT: 10.48 min Scan# 778
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion: 77 Resp: 587661
Ion Ratio Lower Upper
77 100
182 17.8 4.4 44.4
105 21.0 3.8 43.8
51 29.1 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

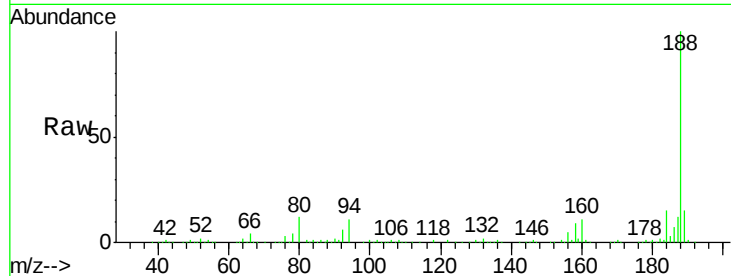




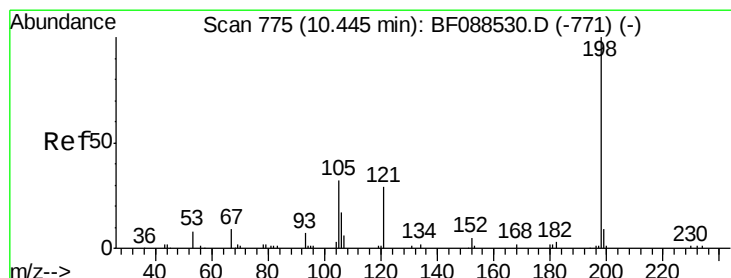
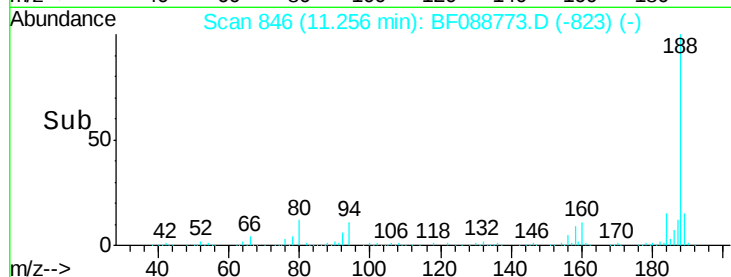
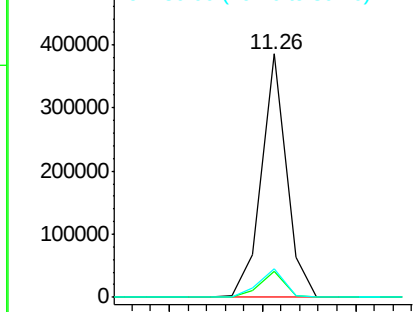
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:188 Resp: 356864
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.6
80 11.9 10.0 15.0

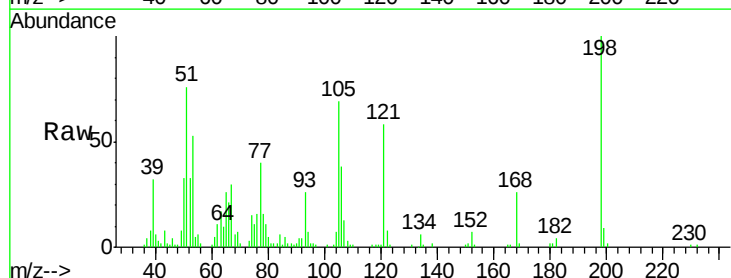


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

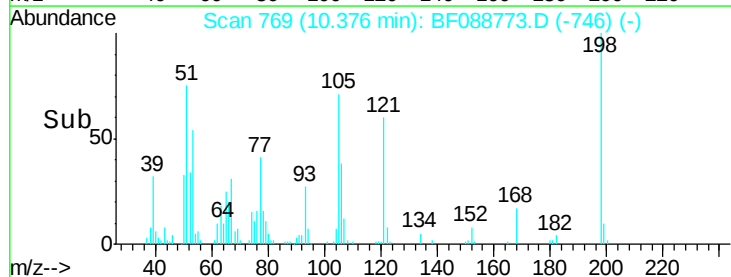
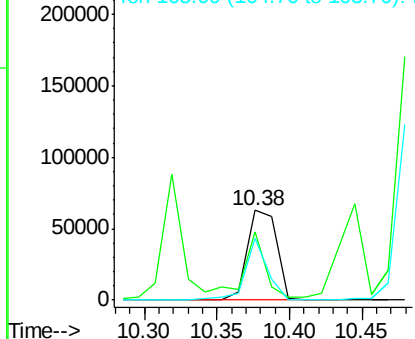


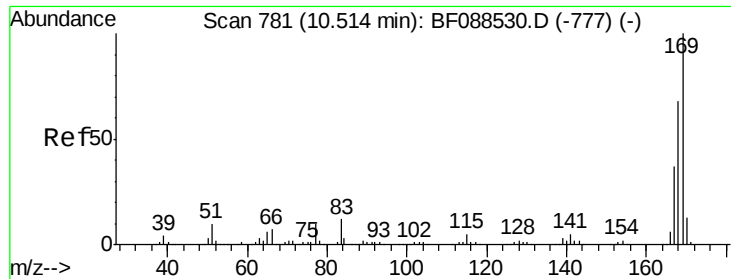
#64
4,6-Dinitro-2-methylphenol
Concen: 46.22 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:198 Resp: 88224
Ion Ratio Lower Upper
198 100
51 75.6 39.6 79.6
105 69.2 36.6 76.6



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

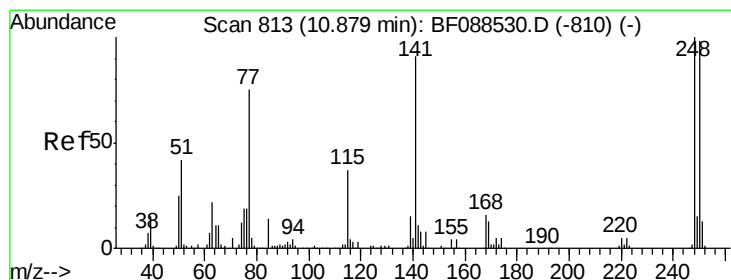
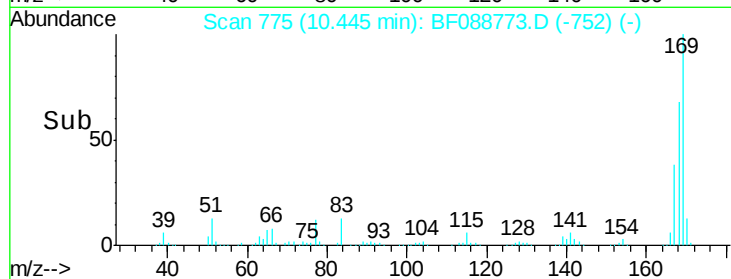
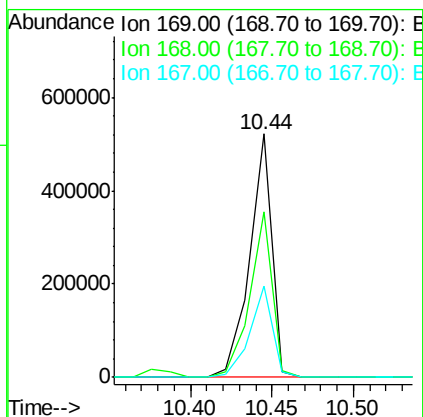
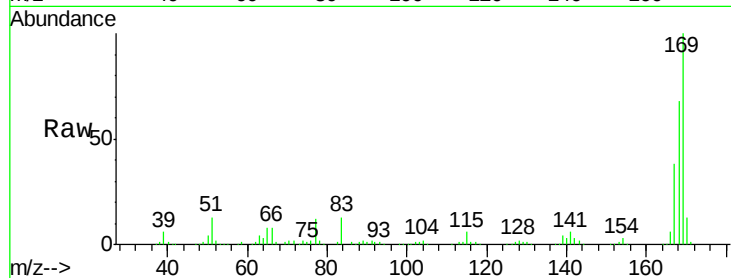




#65
 n-Nitrosodiphenylamine
 Concen: 40.88 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

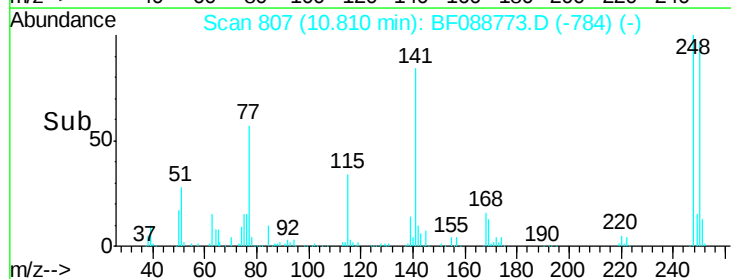
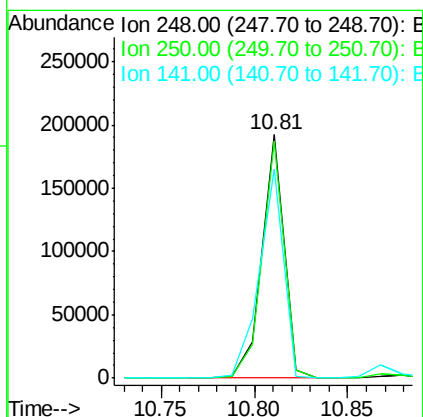
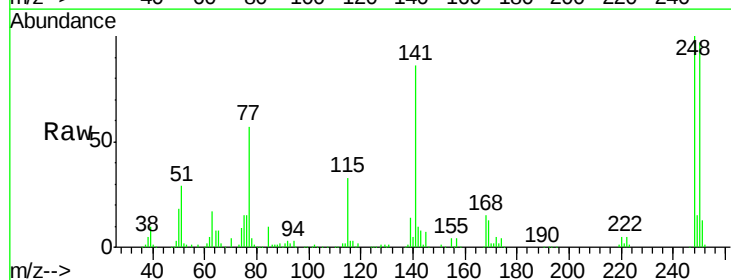
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

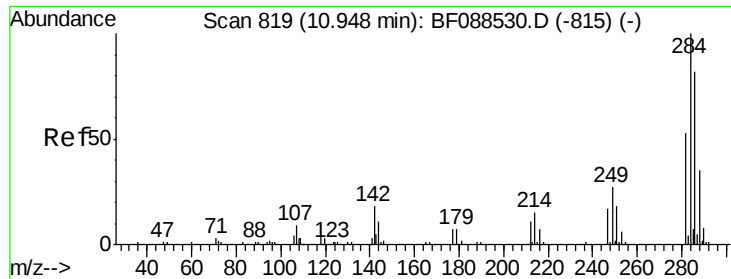
Tgt Ion:169 Resp: 493759
 Ion Ratio Lower Upper
 169 100
 168 68.1 53.4 80.0
 167 37.5 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 43.57 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:248 Resp: 156677
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.1 115.7
 141 86.1 50.6 76.0#

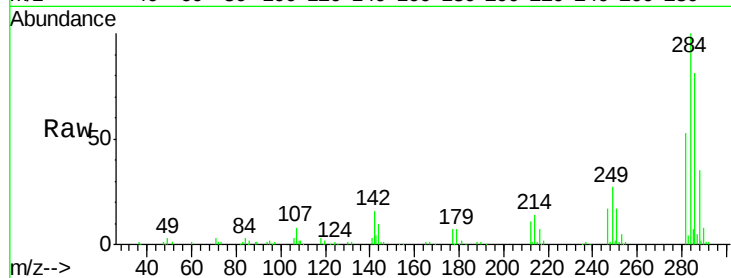




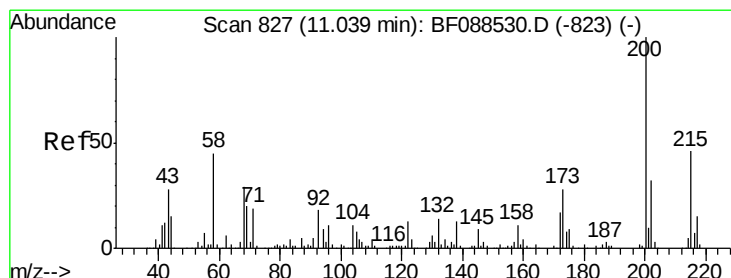
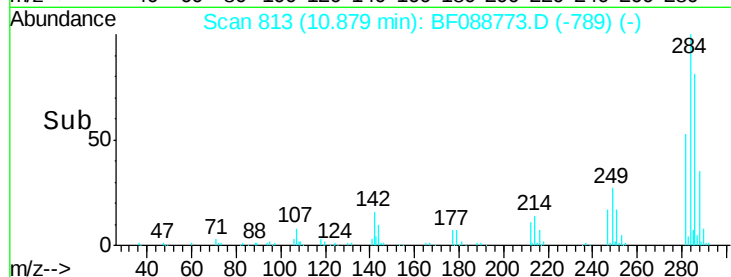
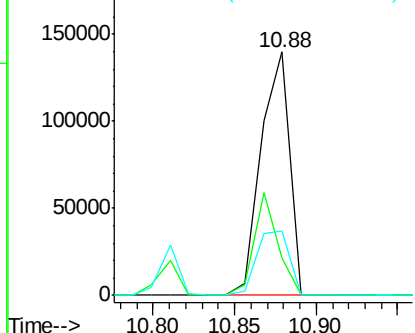
#67
Hexachlorobenzene
Concen: 42.77 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 170283
Ion Ratio Lower Upper
284 100
142 15.6 35.8 53.8#
249 26.6 25.8 38.6

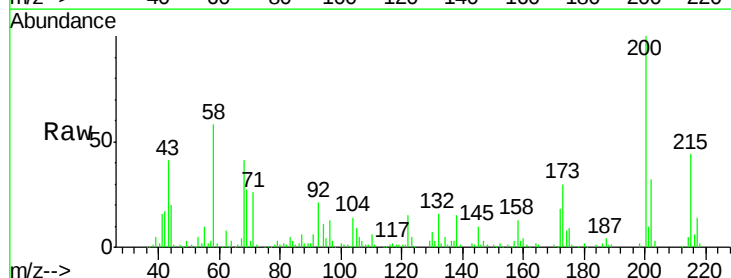


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

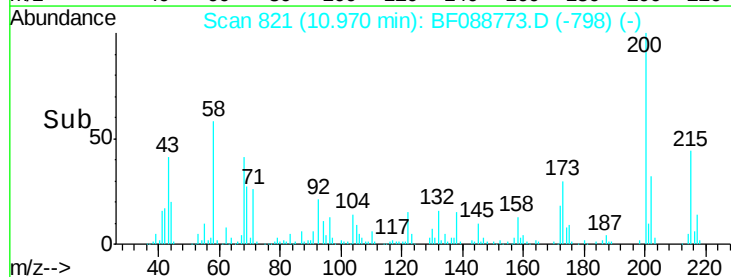
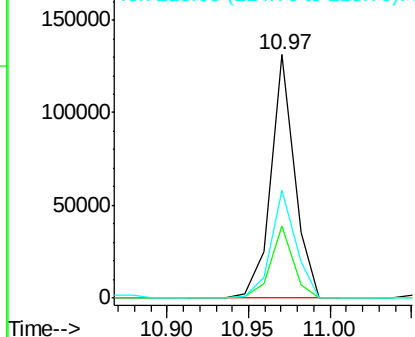


#68
Atrazine
Concen: 35.37 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:200 Resp: 133131
Ion Ratio Lower Upper
200 100
173 29.6 4.0 44.0
215 44.2 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: 38.29 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

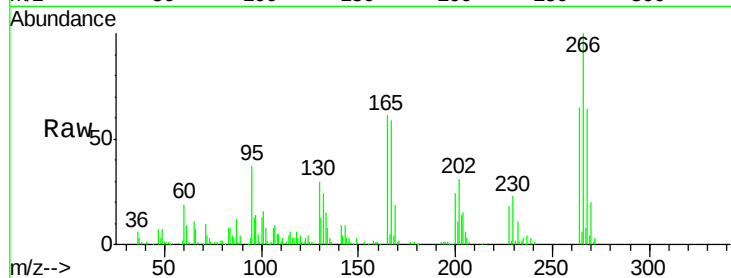
Tgt Ion:266 Resp: 90222

Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

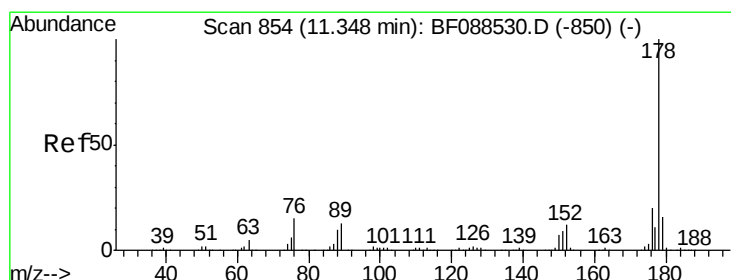
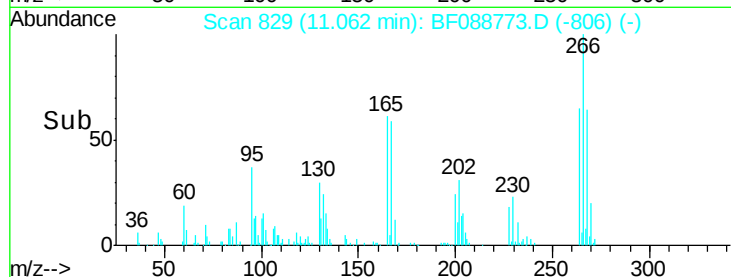
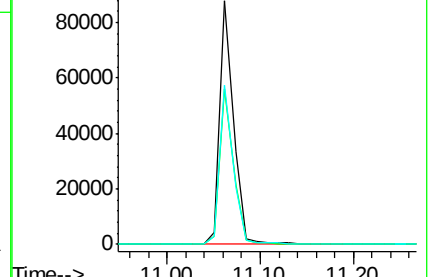
264 65.2 49.6 74.4



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: 35.62 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

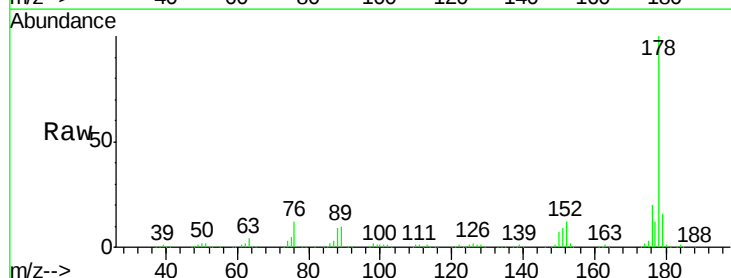
Tgt Ion:178 Resp: 694910

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.6

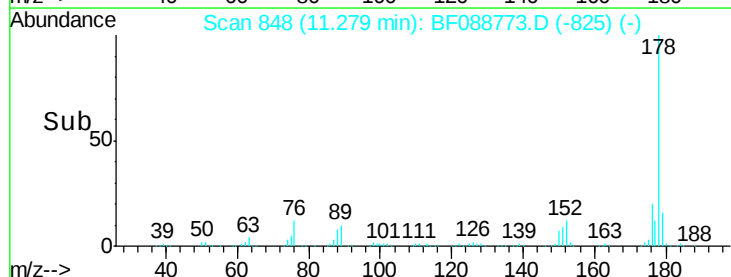
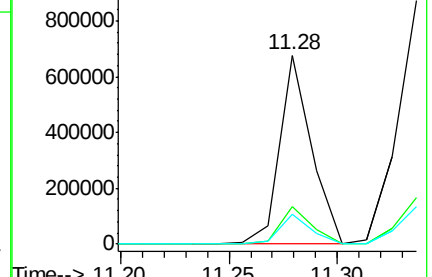
179 16.0 13.0 19.4

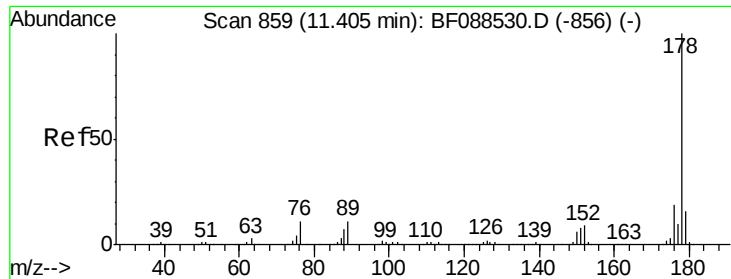


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

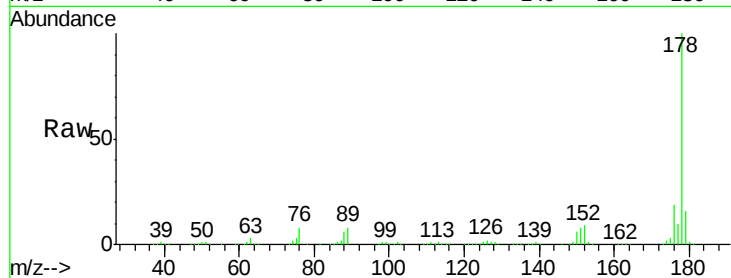




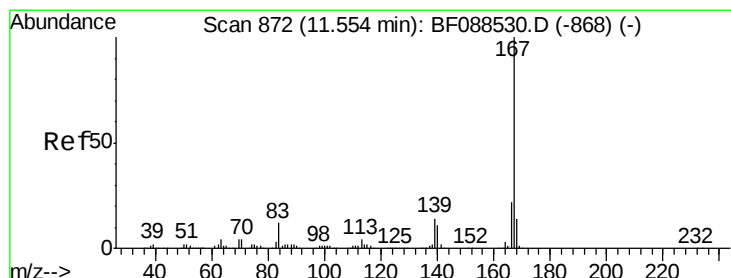
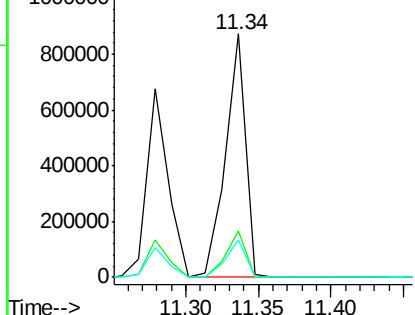
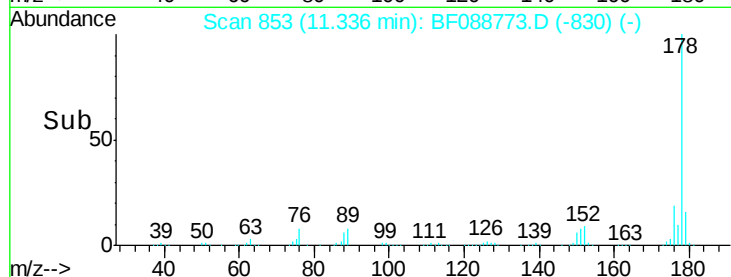
#71
 Anthracene
 Concen: 43.02 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 834478
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.5 12.8 19.2

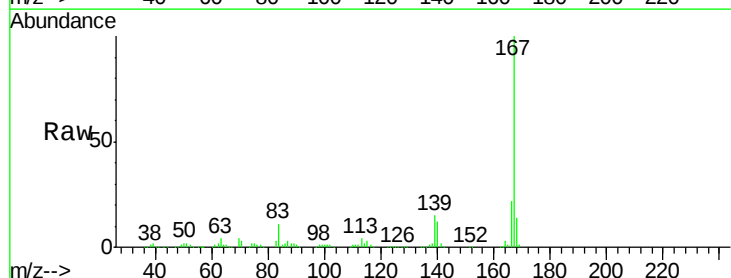


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

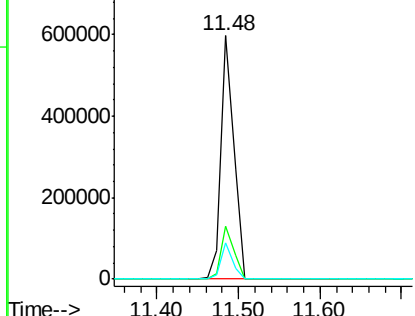
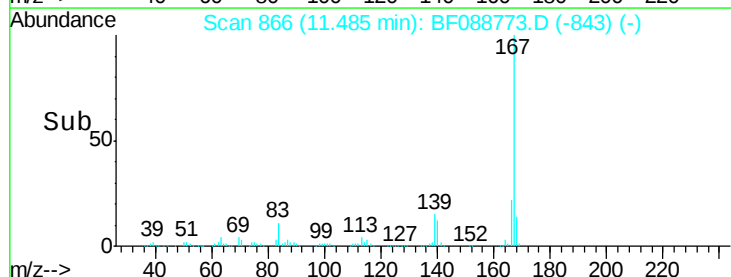


#72
 Carbazole
 Concen: 35.52 ng
 RT: 11.48 min Scan# 866
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion:167 Resp: 648531
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 15.0 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

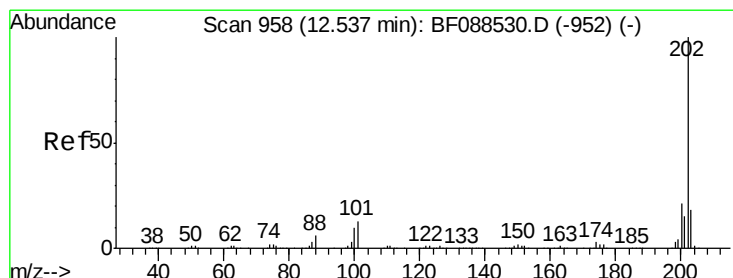
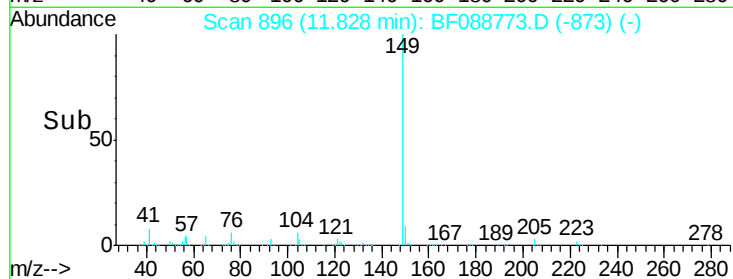
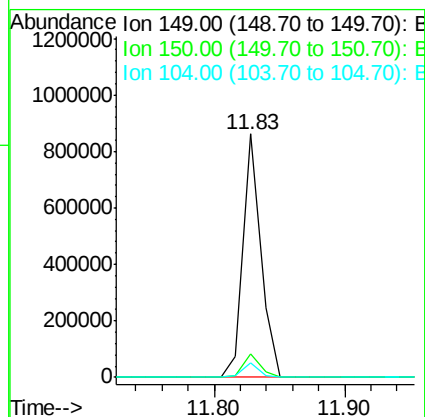
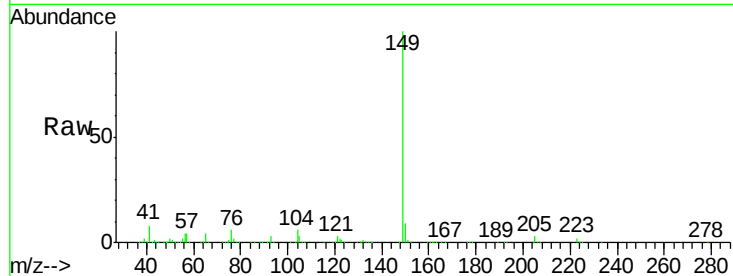




#73
Di-n-butylphthalate
Concen: 38.33 ng
RT: 11.83 min Scan# 896
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

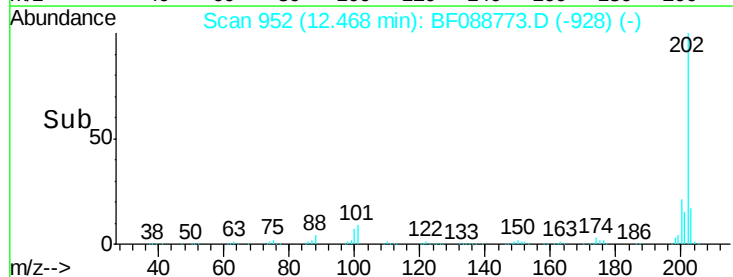
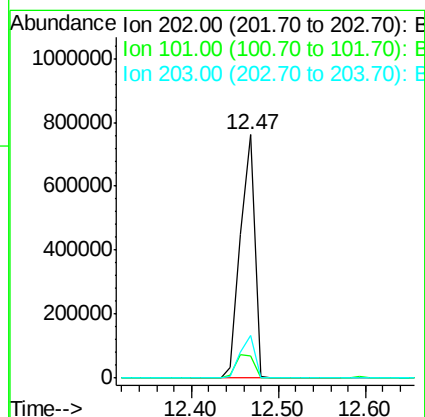
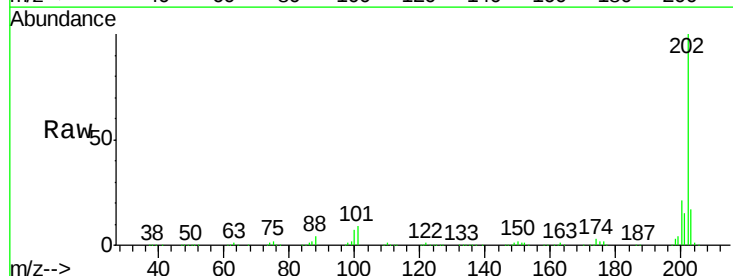
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

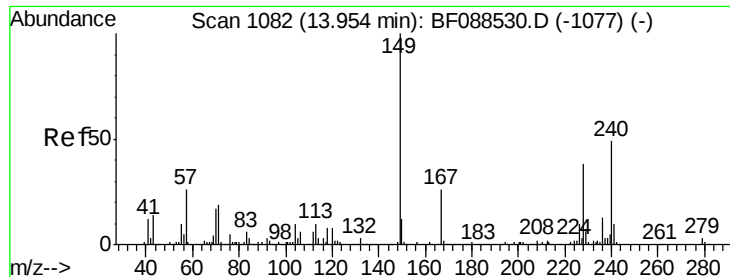
Tgt Ion:149 Resp: 813910
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 6.0 4.0 6.0#



#74
Fluoranthene
Concen: 43.65 ng
RT: 12.47 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:202 Resp: 863244
Ion Ratio Lower Upper
202 100
101 9.2 0.0 33.1
203 17.5 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

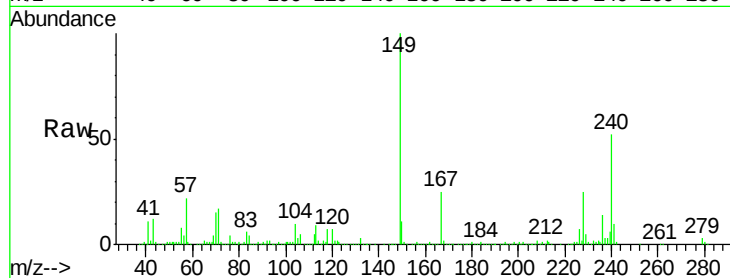
Tgt Ion:240 Resp: 258428

Ion Ratio Lower Upper

240 100

120 13.4 6.8 10.2#

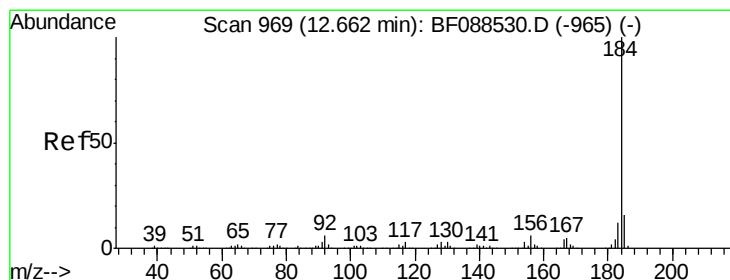
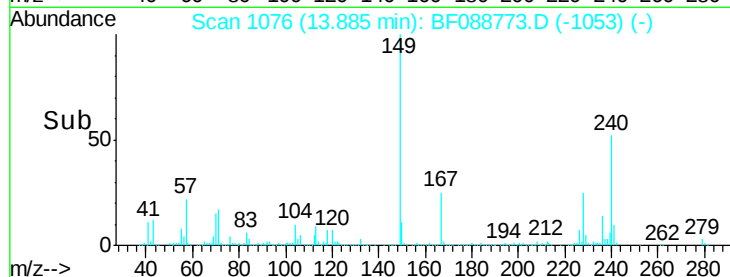
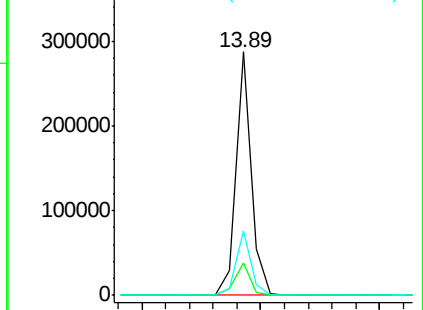
236 26.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 44.67 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

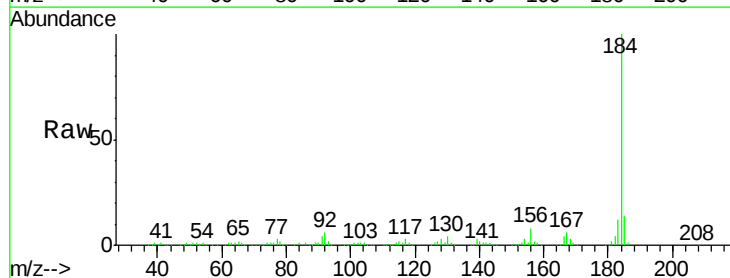
Tgt Ion:184 Resp: 583559

Ion Ratio Lower Upper

184 100

185 14.3 12.5 18.7

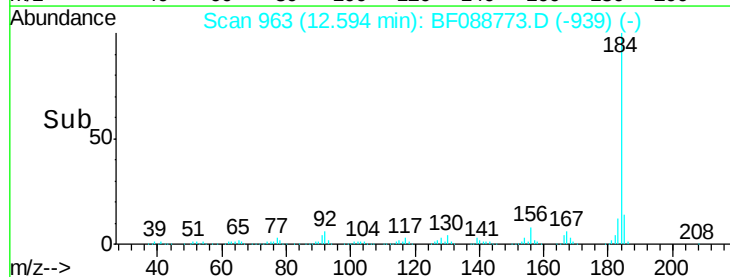
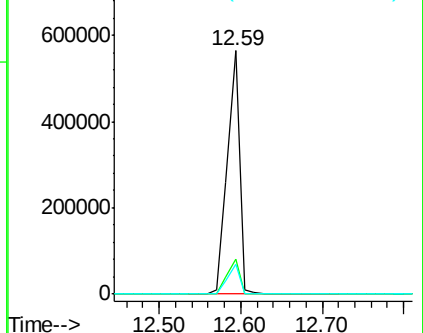
183 12.1 9.3 13.9

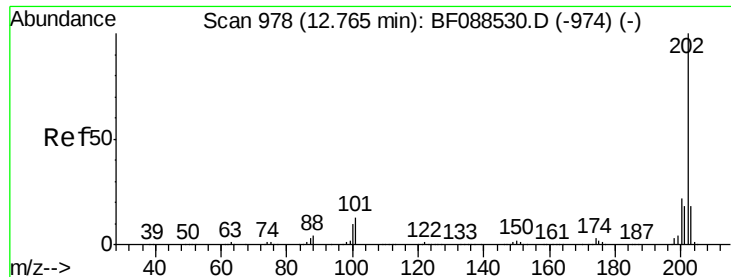


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

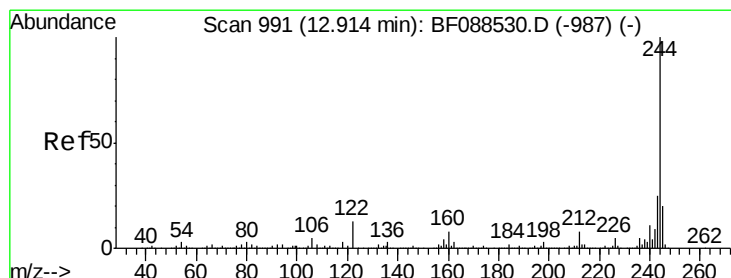
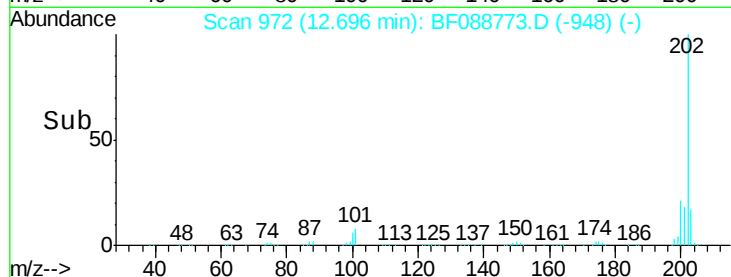
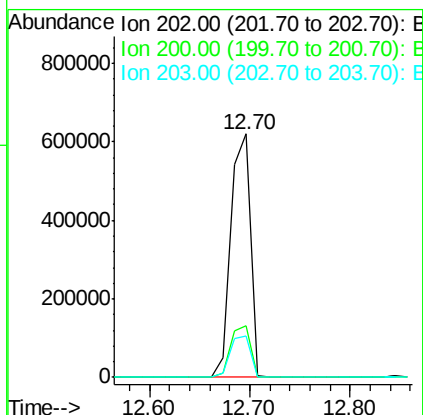
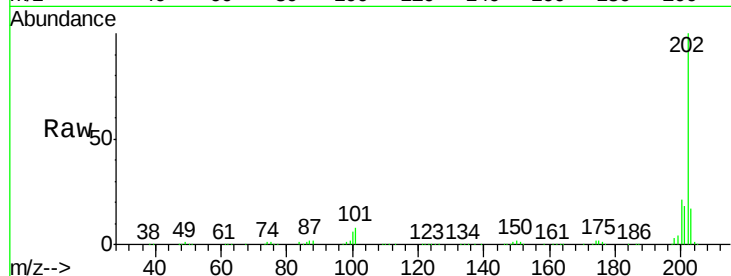




#77
 Pyrene
 Concen: 38.24 ng
 RT: 12.70 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

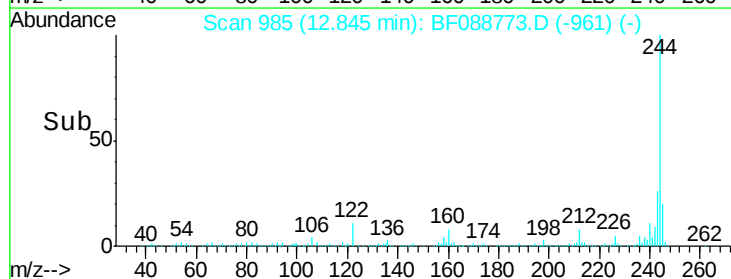
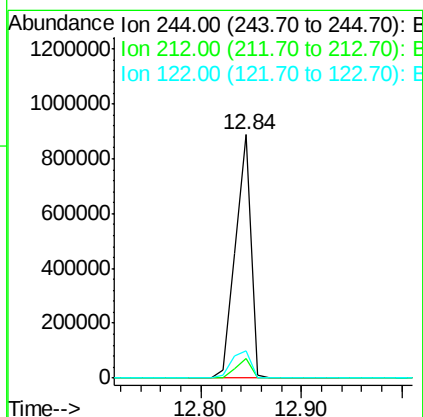
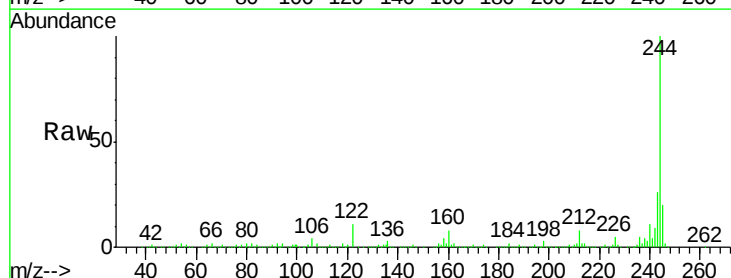
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	17.1	14.5	21.7



#78
 Terphenyl-d14
 Concen: 82.25 ng
 RT: 12.84 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	11.4	11.2	16.8





#79

Butylbenzylphthalate

Concen: 37.60 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

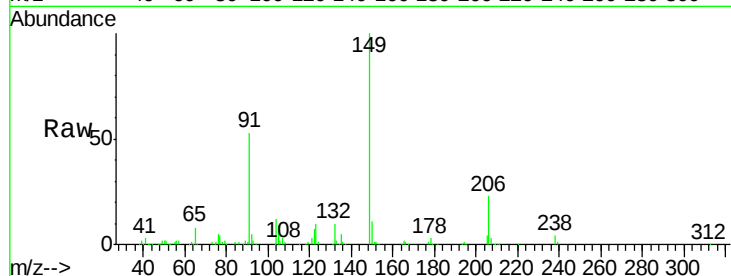
Tgt Ion:149 Resp: 367517

Ion Ratio Lower Upper

149 100

91 53.3 48.0 72.0

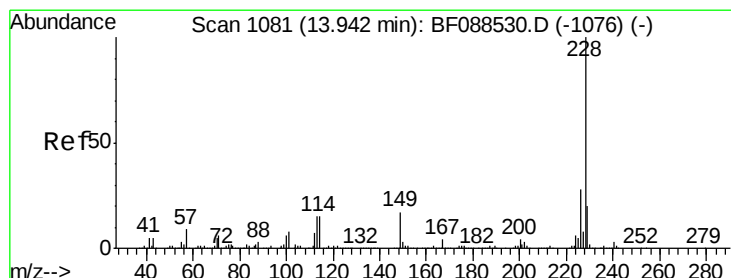
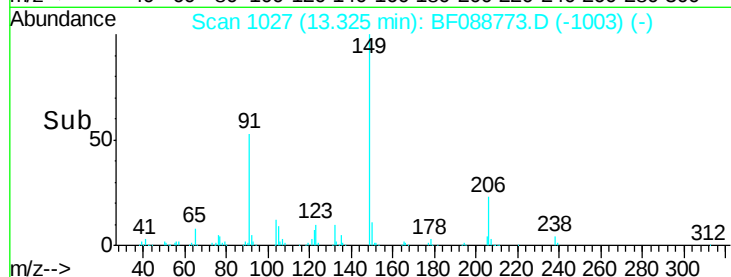
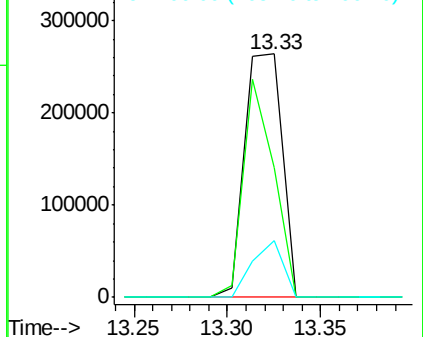
206 23.4 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.69 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

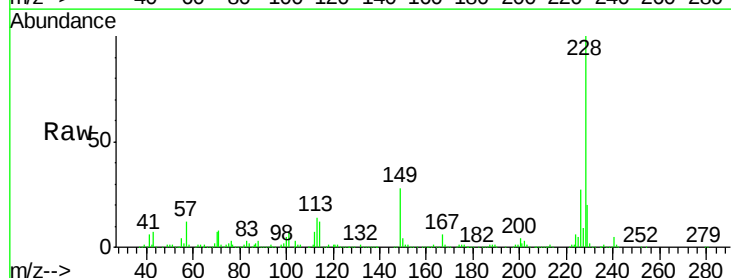
Tgt Ion:228 Resp: 660465

Ion Ratio Lower Upper

228 100

226 27.3 22.3 33.5

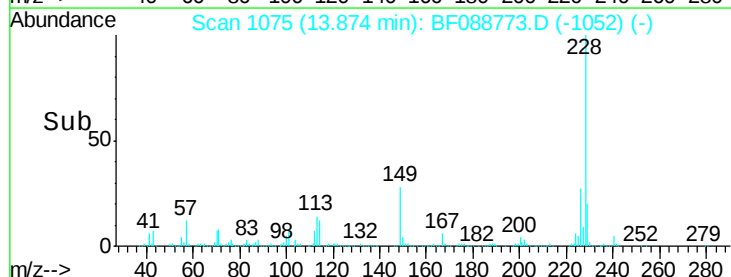
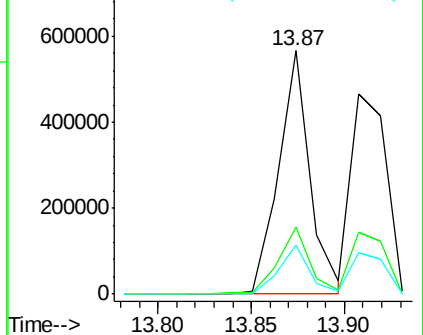
229 20.0 16.0 24.0

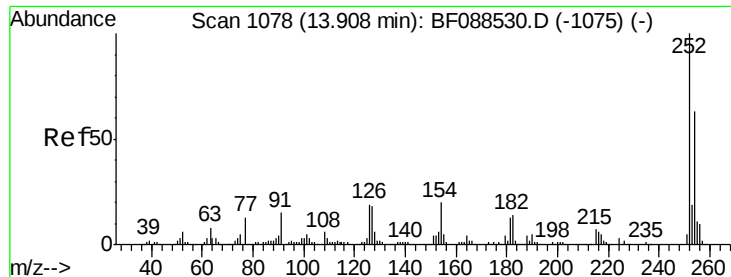


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

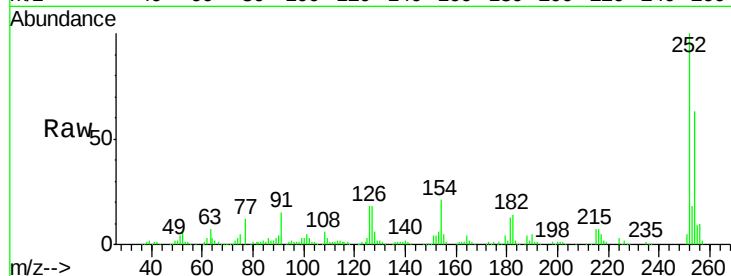




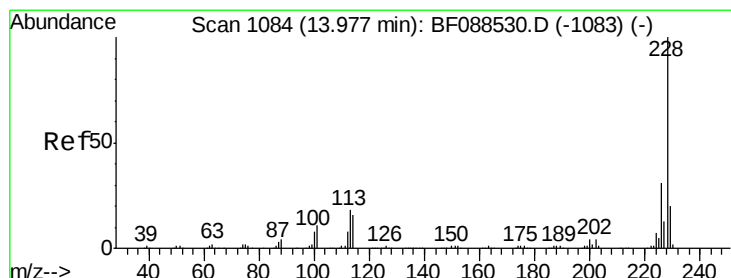
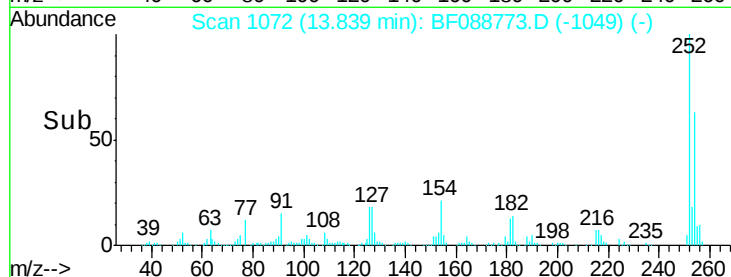
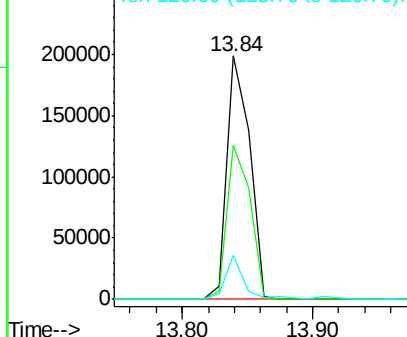
#81
 3,3'-Dichlorobenzidine
 Concen: 38.61 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 241553
 Ion Ratio Lower Upper
 252 100
 254 63.1 52.6 78.8
 126 18.1 6.2 9.2#

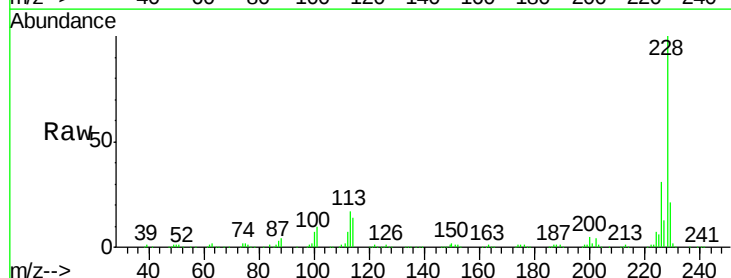


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

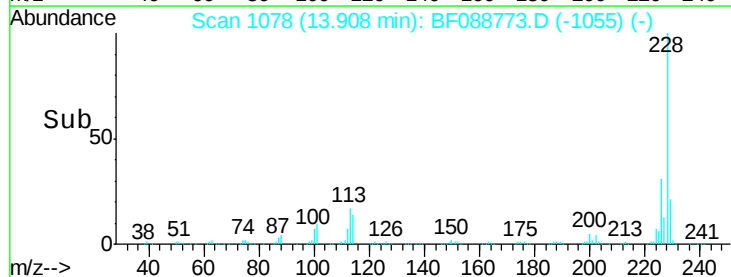
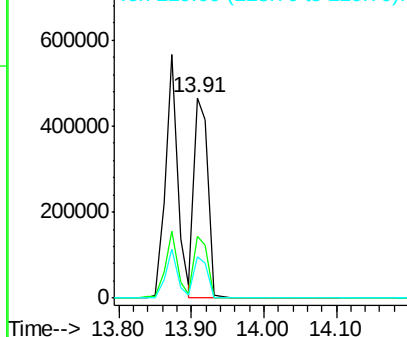


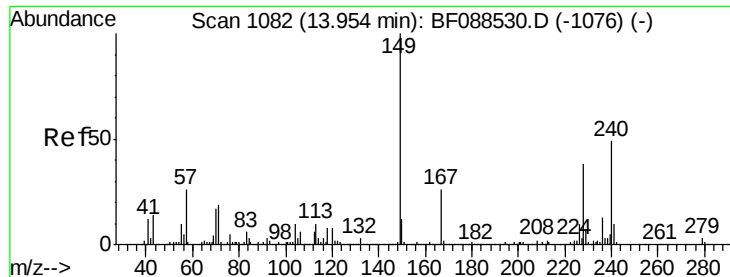
#82
 Chrysene
 Concen: 37.43 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion: 228 Resp: 616302
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.2
 229 20.5 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: 45.67 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

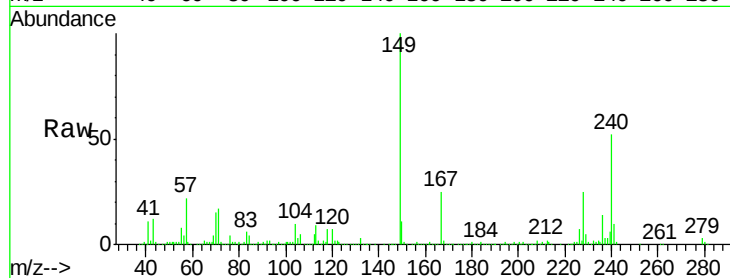
Tgt Ion:149 Resp: 509651

Ion Ratio Lower Upper

149 100

167 25.4 20.5 30.7

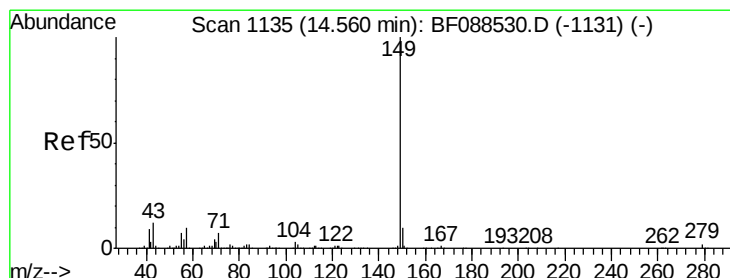
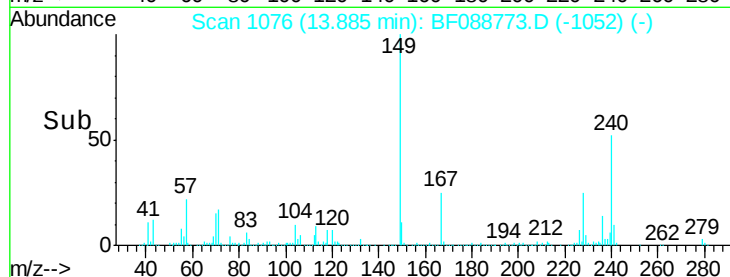
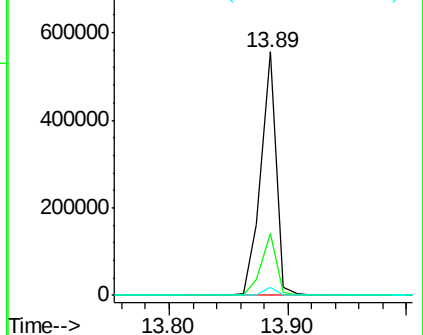
279 3.4 2.0 3.0#



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: 43.64 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

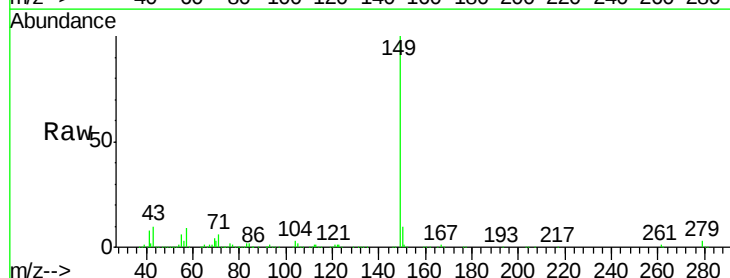
Tgt Ion:149 Resp: 827265

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

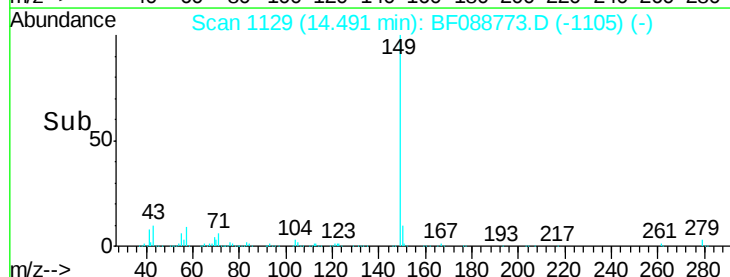
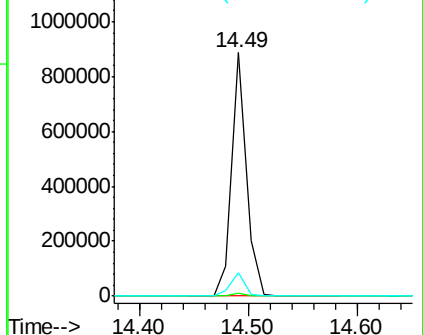
43 9.9 0.0 0.0#

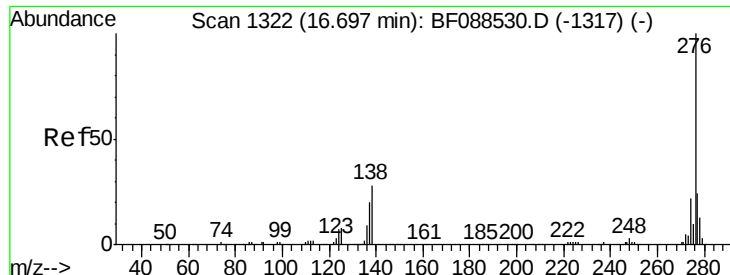


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

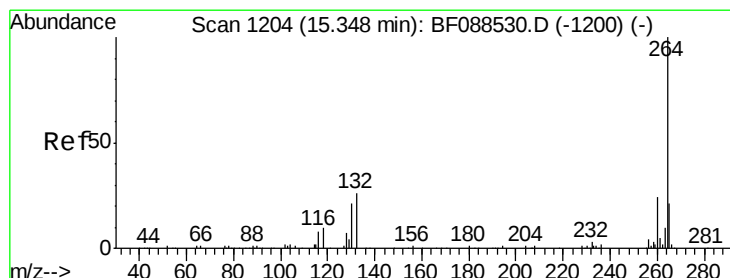
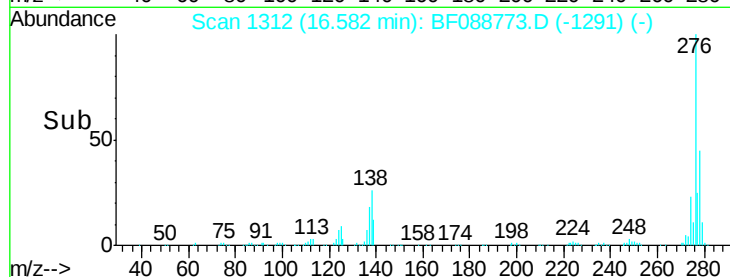
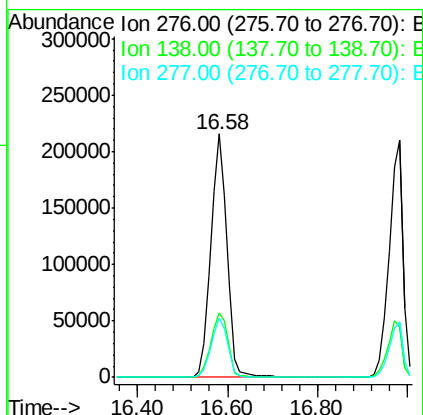
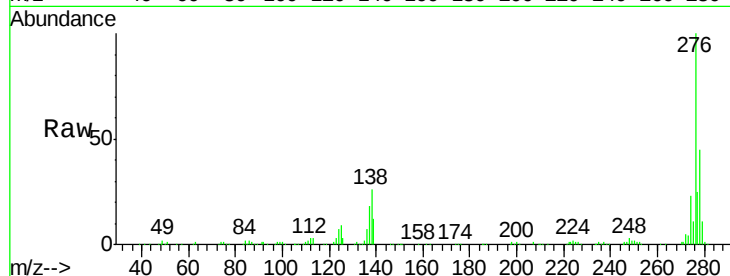




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.51 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.06 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

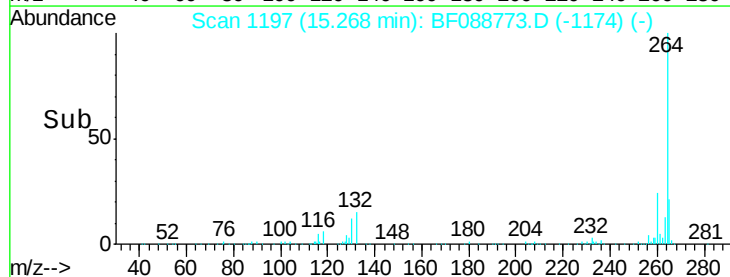
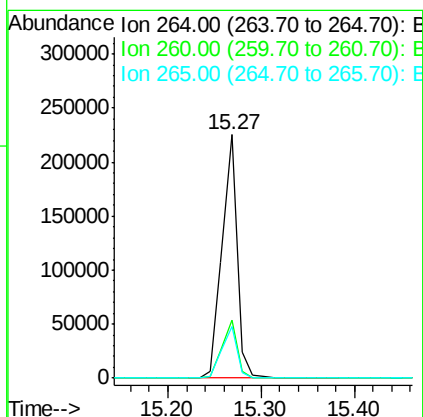
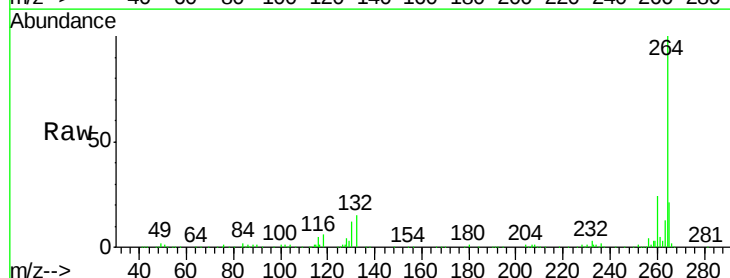
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

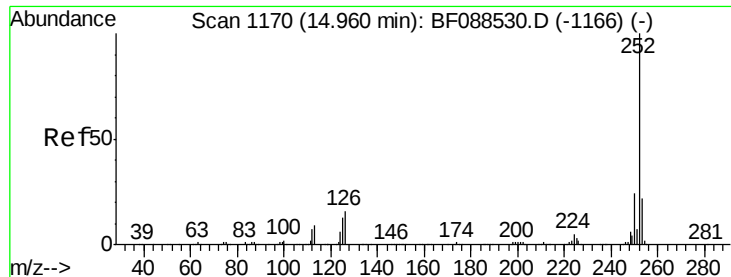
Tgt Ion: 276 Resp: 538411
 Ion Ratio Lower Upper
 276 100
 138 28.1 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088773.D
 Acq: 7 Jul 2016 11:16

Tgt Ion: 264 Resp: 252561
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 16.9 25.3

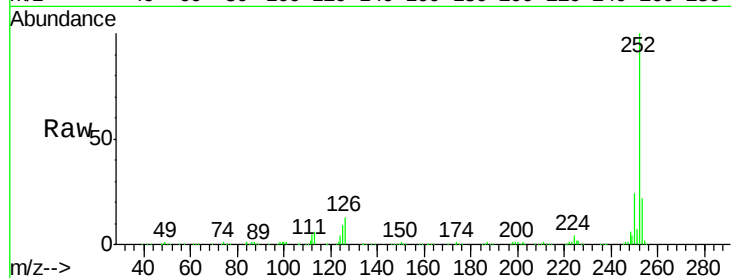




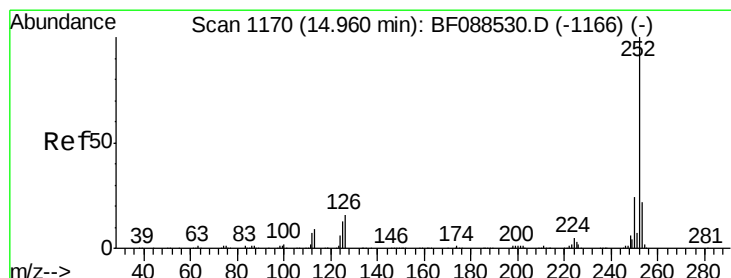
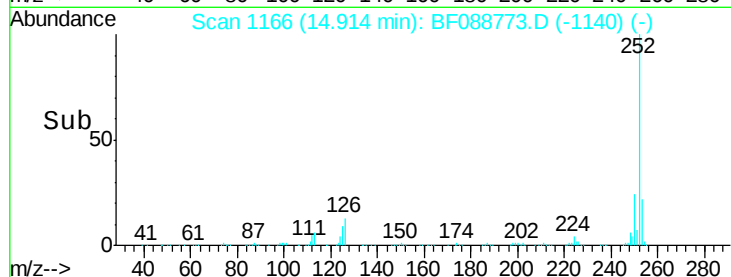
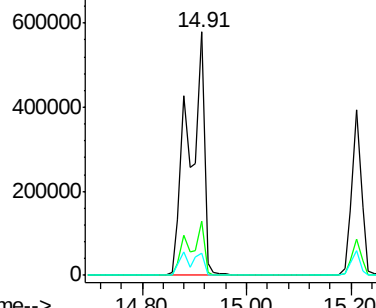
#87
Benzo(b)fluoranthene
Concen: 74.35 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 1177889
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 9.3 7.1 10.7

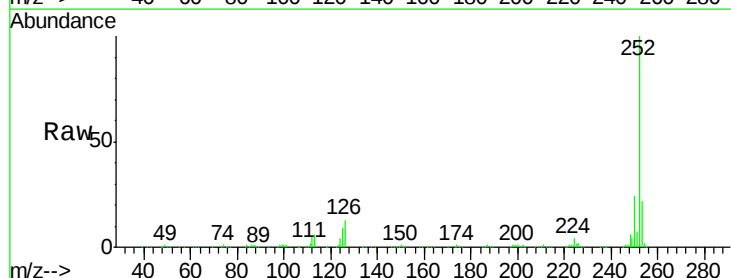


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

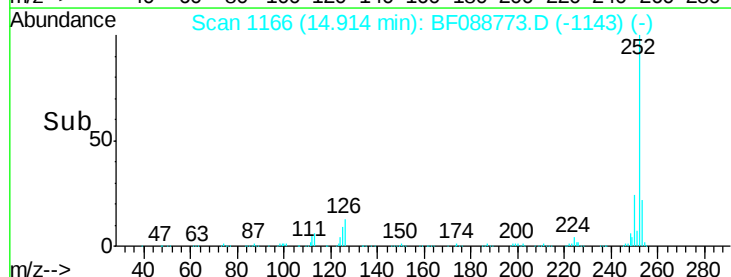
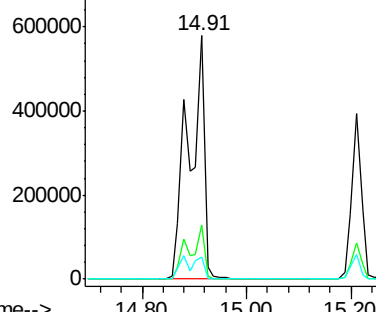


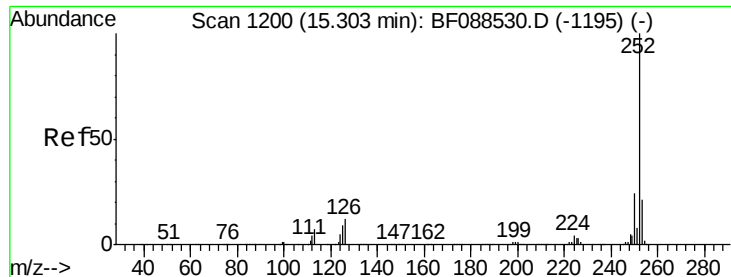
#88
Benzo(k)fluoranthene
Concen: 85.40 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion:252 Resp: 1177889
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.3 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

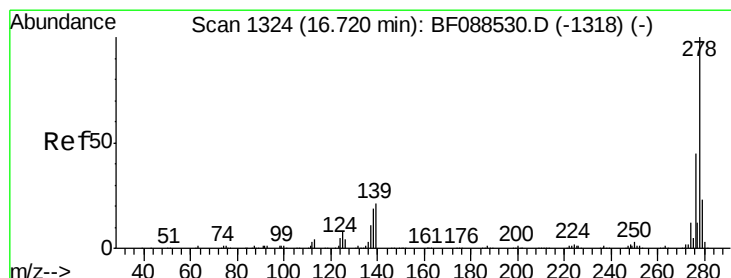
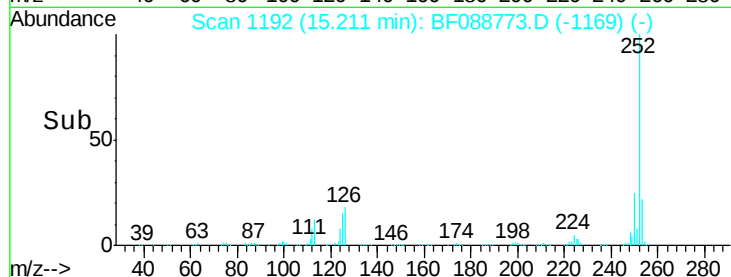
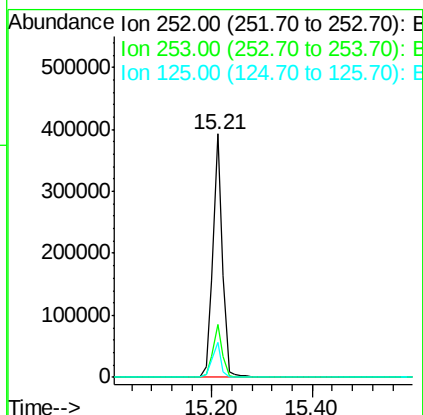
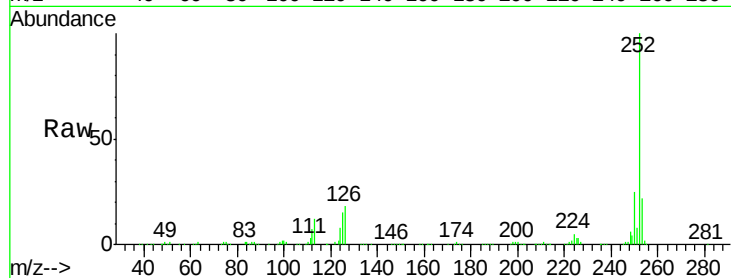




#89
Benzo(a)pyrene
Concen: 38.66 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.03 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

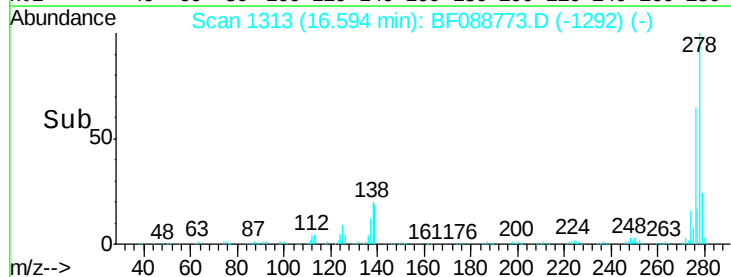
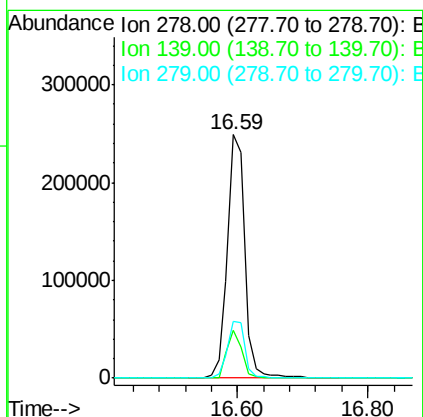
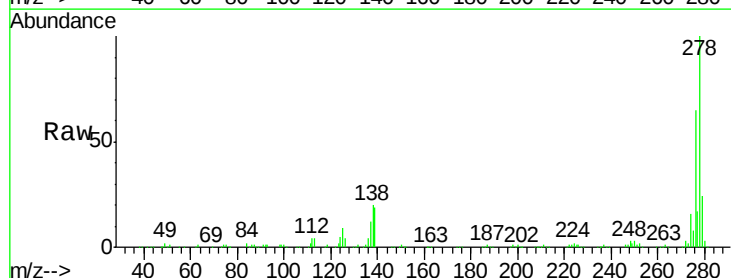
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	14.6	12.5	18.7



#90
Dibenzo(a,h)anthracene
Concen: 41.29 ng
RT: 16.59 min Scan# 1313
Delta R.T. -0.06 min
Lab File: BF088773.D
Acq: 7 Jul 2016 11:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.7	23.5
279	23.5	19.4	29.2





#91

Benzo(g,h,i)perylene

Concen: 39.46 ng

RT: 16.98 min Scan# 1347

Delta R.T. -0.06 min

Lab File: BF088773.D

Acq: 7 Jul 2016 11:16

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

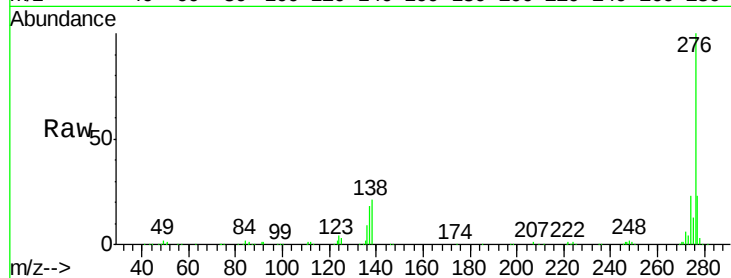
Tgt Ion: 276 Resp: 457366

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 21.2 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

