

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089794.D
 Acq On : 19 Aug 2016 14:35
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 19 16:31:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	526405	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2178475	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	985217	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1736910	20.00	ng	0.01
75) Chrysene-d12	13.90	240	1073232	20.00	ng	0.02
86) Perylene-d12	15.45	264	925767	20.00	ng	0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	2348890	76.52	ng	0.00
7) Phenol-d6	6.32	99	3132405	83.13	ng	0.00
23) Nitrobenzene-d5	7.26	82	2574917	73.43	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	725517	77.49	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4108223	73.29	ng	0.00
78) Terphenyl-d14	12.80	244	3866998	81.51	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	616956	40.61	ng	94
3) Pyridine	2.81	79	1708834	42.89	ng	92
4) n-Nitrosodimethylamine	2.76	42	619755	41.78	ng	82
6) Aniline	6.34	93	2025936	40.08	ng	# 68
8) 2-Chlorophenol	6.47	128	1543442	42.05	ng	87
9) Benzaldehyde	6.23	77	1058054	43.11	ng	85
10) Phenol	6.34	94	1763828	39.94	ng	81
11) bis(2-Chloroethyl)ether	6.43	93	1418943	41.44	ng	89
12) 1,3-Dichlorobenzene	6.86	146	1459870	38.04	ng	98
13) 1,4-Dichlorobenzene	6.71	146	1648255	41.78	ng	93
14) 1,2-Dichlorobenzene	6.71	146	1648255	44.76	ng	98
15) Benzyl Alcohol	6.83	79	1019709	40.81	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1848928	42.19	ng	92
17) 2-Methylphenol	6.95	107	1107161	38.51	ng	96
18) Hexachloroethane	7.20	117	571063	40.59	ng	# 87
19) n-Nitroso-di-n-propylamine	7.12	70	1059894	43.98	ng	# 87
20) 3+4-Methylphenols	7.11	107	1301097	36.91	ng	# 82
22) Acetophenone	7.11	105	1977172	39.53	ng	# 87
24) Nitrobenzene	7.28	77	1588535	40.38	ng	# 81
25) Isophorone	7.52	82	2734484	38.66	ng	# 92
26) 2-Nitrophenol	7.59	139	711402	36.24	ng	# 80
27) 2,4-Dimethylphenol	7.63	122	1201277	33.96	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1797074	41.07	ng	96
29) 2,4-Dichlorophenol	7.83	162	1113495	37.51	ng	93
30) 1,2,4-Trichlorobenzene	7.92	180	1313360	40.00	ng	95
31) Naphthalene	8.00	128	4041485	39.69	ng	99
32) Benzoic acid	7.76	122	1068942	38.77	ng	98
33) 4-Chloroaniline	8.04	127	1714253	38.84	ng	# 91
34) Hexachlorobutadiene	8.12	225	681640	39.64	ng	97
35) Caprolactam	8.42	113	326264	36.09	ng	93
36) 4-Chloro-3-methylphenol	8.52	107	1180731	36.73	ng	89
37) 2-Methylnaphthalene	8.68	142	2569261	39.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1342326	42.08	ng	# 96
40) Hexachlorocyclopentadiene	8.84	237	481167	43.44	ng	99

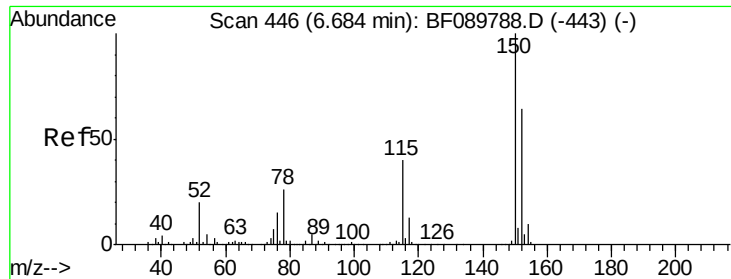
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	806824	40.20	ng	98
43) 2,4,5-Trichlorophenol	8.99	196	819970	41.08	ng	# 88
45) 1,1'-Biphenyl	9.15	154	3333790	43.73	ng	94
46) 2-Chloronaphthalene	9.16	162	2437258	40.44	ng	99
47) 2-Nitroaniline	9.27	65	819776	47.69	ng	# 80
48) Acenaphthylene	9.58	152	3876714	42.81	ng	99
49) Dimethylphthalate	9.46	163	2998564	43.23	ng	# 99
50) 2,6-Dinitrotoluene	9.51	165	617872	38.58	ng	# 80
51) Acenaphthene	9.76	154	2661568	44.41	ng	99
52) 3-Nitroaniline	9.68	138	867379	48.88	ng	85
53) 2,4-Dinitrophenol	9.77	184	262498	37.00	ng	# 72
54) Dibenzofuran	9.93	168	3163490	42.02	ng	# 88
55) 4-Nitrophenol	9.84	139	609493	42.08	ng	# 76
56) 2,4-Dinitrotoluene	9.91	165	777985	37.44	ng	# 67
57) Fluorene	10.26	166	2416308	40.28	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	646439	44.49	ng	96
59) Diethylphthalate	10.16	149	2923238	41.48	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	1076503	39.34	ng	93
61) 4-Nitroaniline	10.28	138	670481	40.30	ng	97
62) Azobenzene	10.42	77	2616819	39.50	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	416822	41.76	ng	# 59
65) n-Nitrosodiphenylamine	10.39	169	2409724	44.12	ng	99
66) 4-Bromophenyl-phenylether	10.75	248	773840	42.49	ng	# 86
67) Hexachlorobenzene	10.81	284	813517	39.16	ng	# 84
68) Atrazine	10.91	200	606838	36.28	ng	96
69) Pentachlorophenol	11.00	266	539226	45.79	ng	99
70) Phenanthrene	11.22	178	3667737	41.81	ng	96
71) Anthracene	11.27	178	3392655	38.04	ng	99
72) Carbazole	11.43	167	3290645	41.14	ng	97
73) Di-n-butylphthalate	11.78	149	4355678	43.53	ng	# 98
74) Fluoranthene	12.40	202	3261666	39.09	ng	93
76) Benzidine	12.54	184	1619550	46.63	ng	99
77) Pyrene	12.63	202	3449916	39.47	ng	98
79) Butylbenzylphthalate	13.30	149	1749082	44.31	ng	97
80) Benzo(a)anthracene	13.89	228	2540360	41.33	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	896395	44.49	ng	# 95
82) Chrysene	13.93	228	2251454	42.73	ng	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	2274178	41.83	ng	# 98
84) Di-n-octyl phthalate	14.63	149	3209280	44.42	ng	96
85) Indeno(1,2,3-cd)pyrene	16.75	276	2567013	38.18	ng	98
87) Benzo(b)fluoranthene	15.05	252	2122835	41.68	ng	# 95
88) Benzo(k)fluoranthene	15.05	252	2122835	45.94	ng	# 96
89) Benzo(a)pyrene	15.39	252	1987400	41.23	ng	97
90) Dibenzo(a,h)anthracene	16.78	278	2131928	40.75	ng	97
91) Benzo(g,h,i)perylene	17.14	276	2202122	39.97	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

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SSTDCCC040

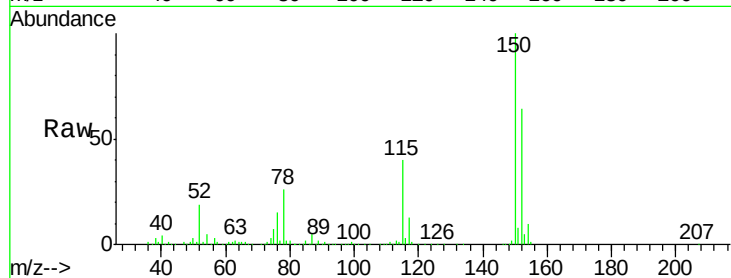
Tgt Ion:152 Resp: 526405

Ion Ratio Lower Upper

152 100

150 156.0 125.3 187.9

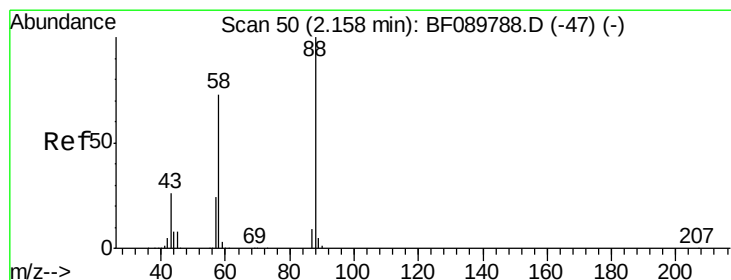
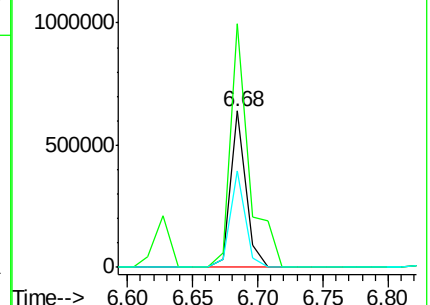
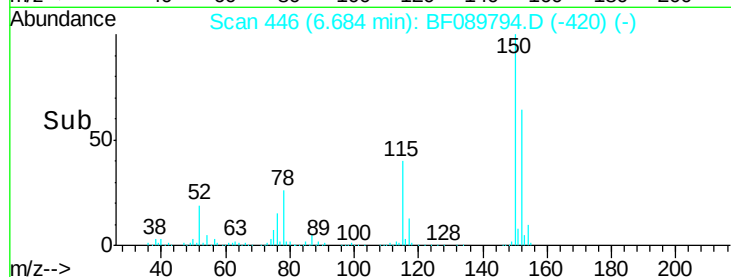
115 61.9 40.9 61.3#



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: 40.61 ng

RT: 2.17 min Scan# 51

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

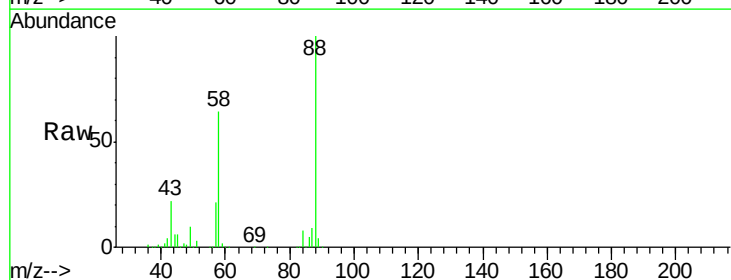
Tgt Ion: 88 Resp: 616956

Ion Ratio Lower Upper

88 100

58 66.3 57.0 85.4

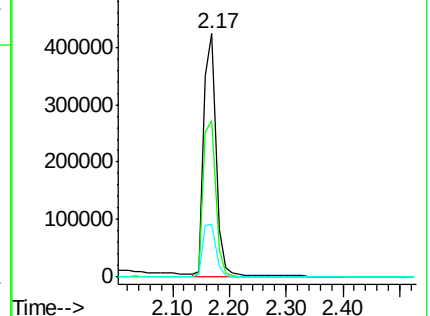
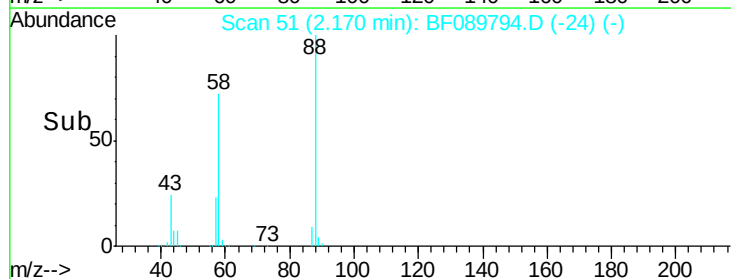
43 23.6 21.8 32.8

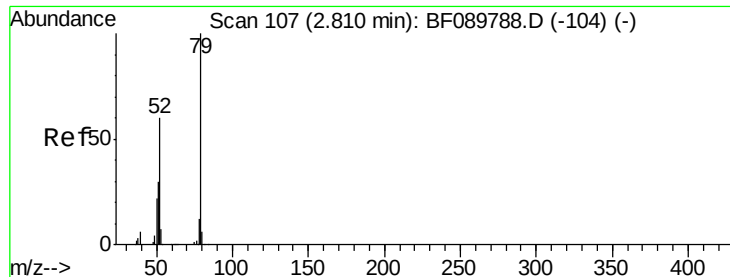


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.89 ng

RT: 2.81 min Scan# 107

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

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SSTDCCC040

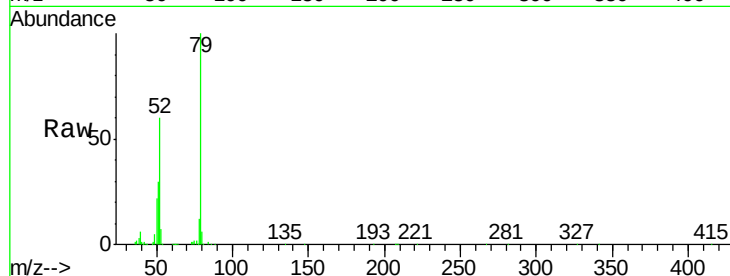
Tgt Ion: 79 Resp: 1708834

Ion Ratio Lower Upper

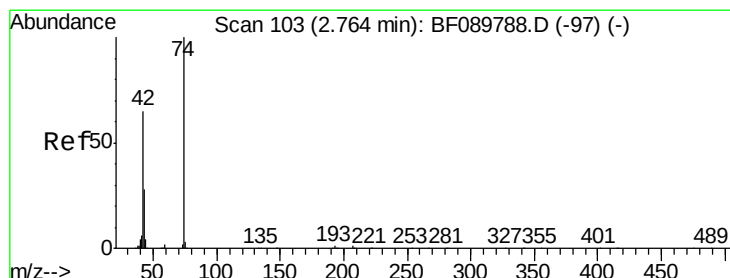
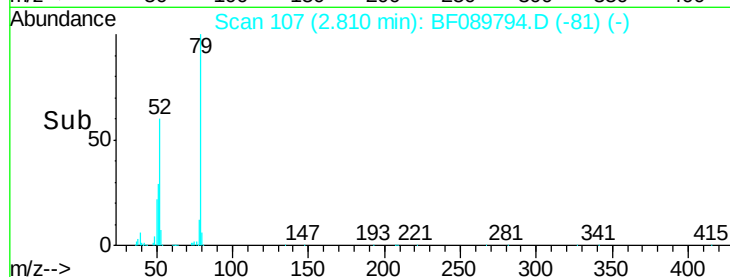
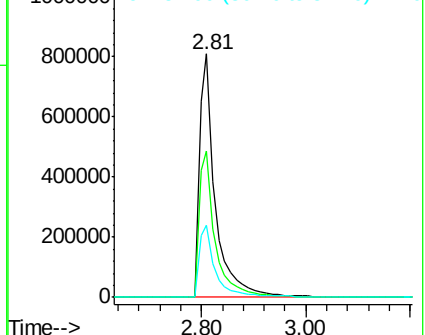
79 100

52 59.9 53.6 80.4

51 29.6 26.6 39.8



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: 41.78 ng

RT: 2.76 min Scan# 103

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

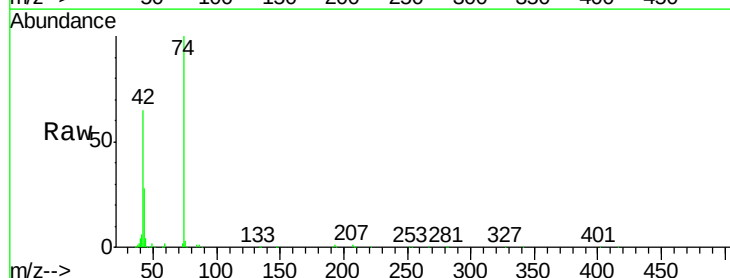
Tgt Ion: 42 Resp: 619755

Ion Ratio Lower Upper

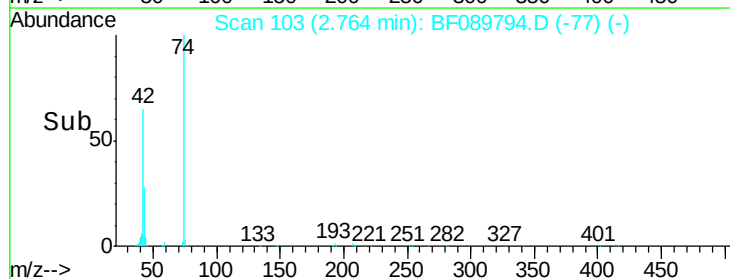
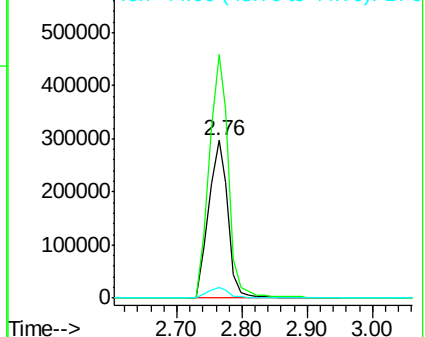
42 100

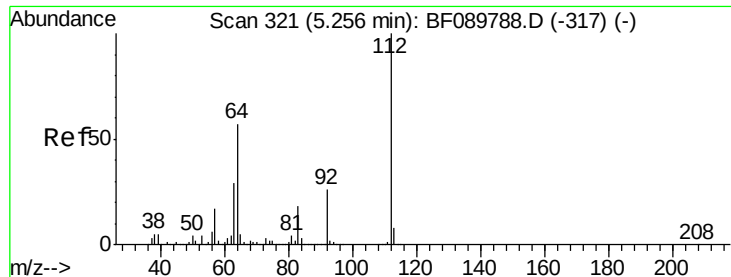
74 154.8 106.2 159.2

44 7.0 6.9 10.3



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: 76.52 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

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ClientSampleId :

SSTDCCC040

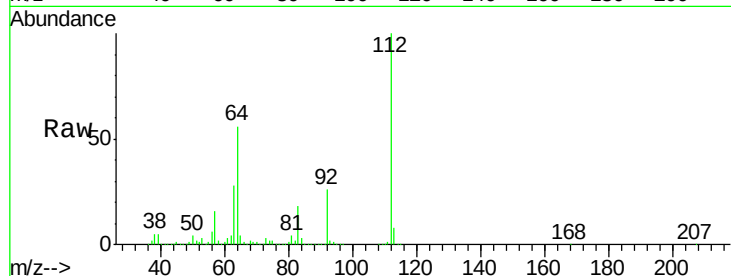
Tgt Ion:112 Resp: 2348890

Ion Ratio Lower Upper

112 100

64 55.9 45.0 67.4

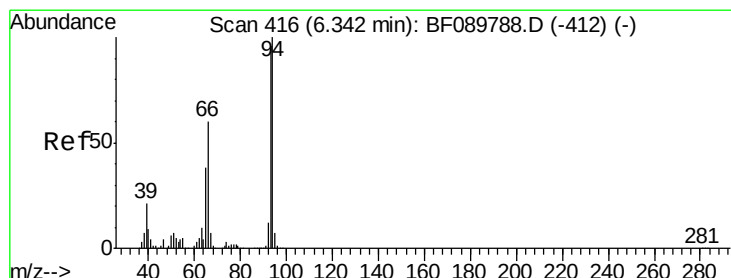
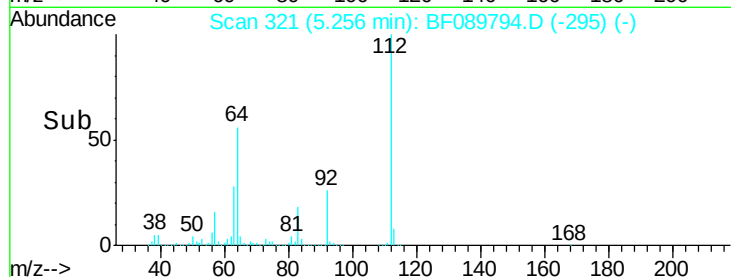
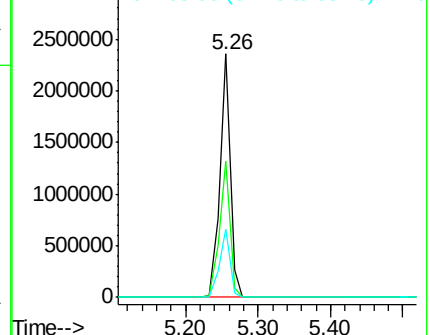
63 28.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 40.08 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

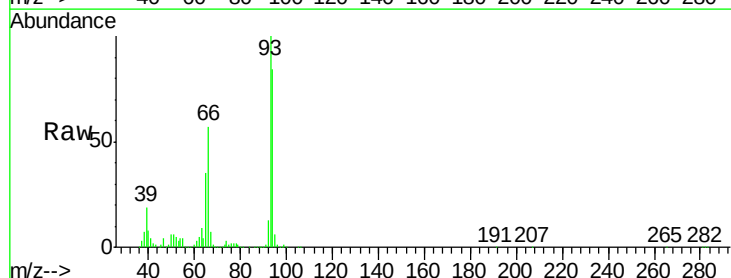
Tgt Ion: 93 Resp: 2025936

Ion Ratio Lower Upper

93 100

66 57.0 30.6 46.0#

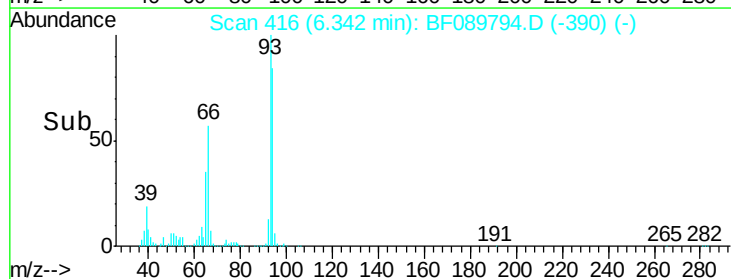
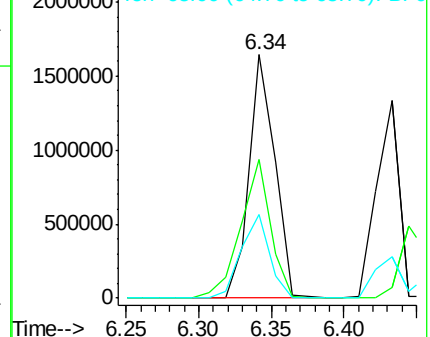
65 34.5 15.4 23.2#

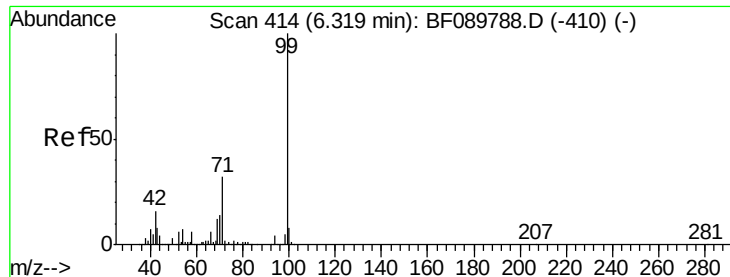


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 83.13 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089794.D

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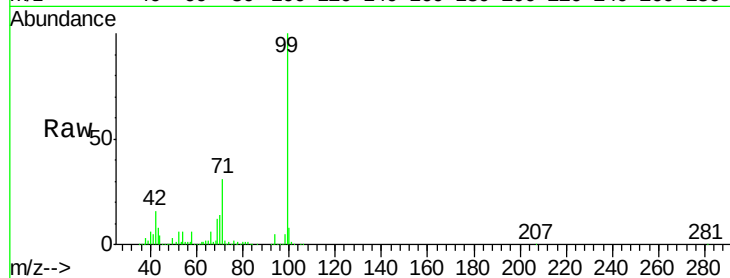
Tgt Ion: 99 Resp: 3132405

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.4

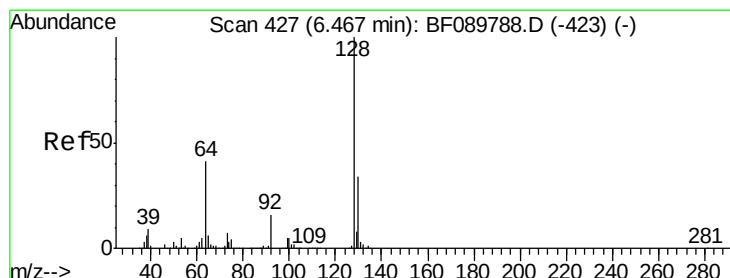
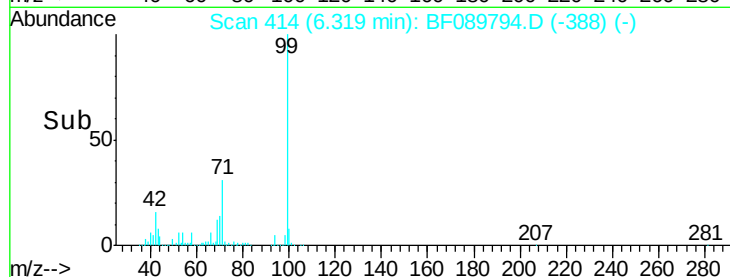
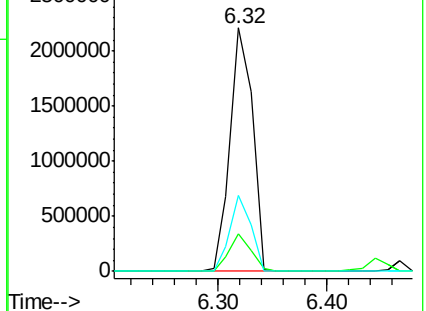
71 31.1 23.8 35.8



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: 42.05 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

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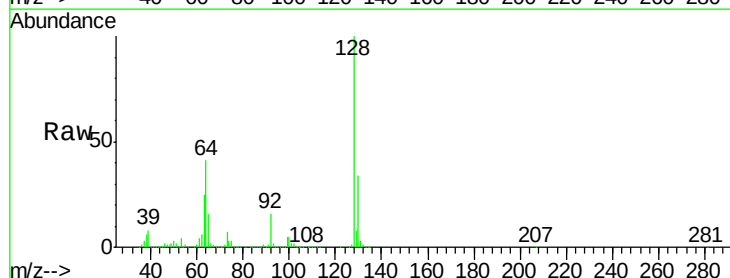
Tgt Ion: 128 Resp: 1543442

Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

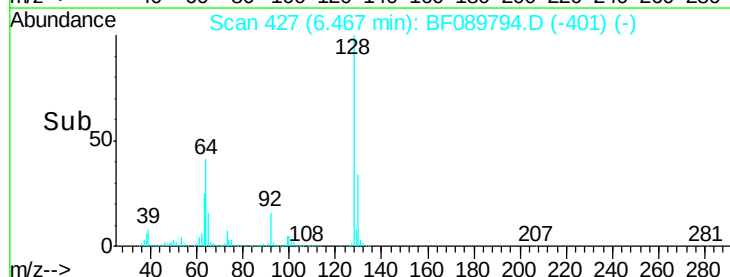
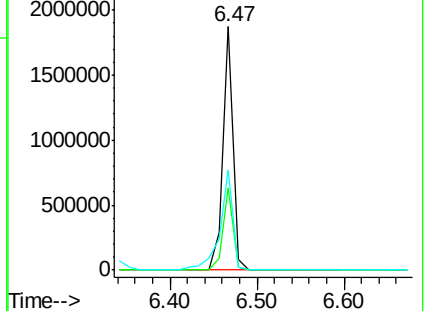
64 41.4 35.1 75.1

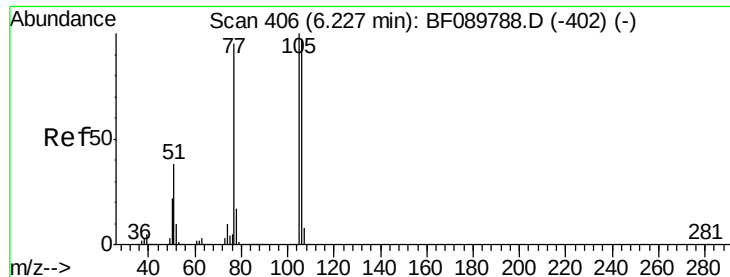


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.11 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF089794.D

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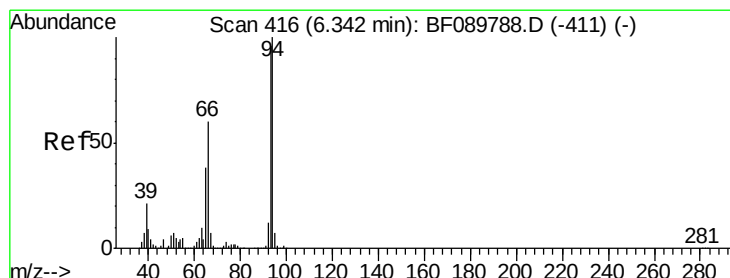
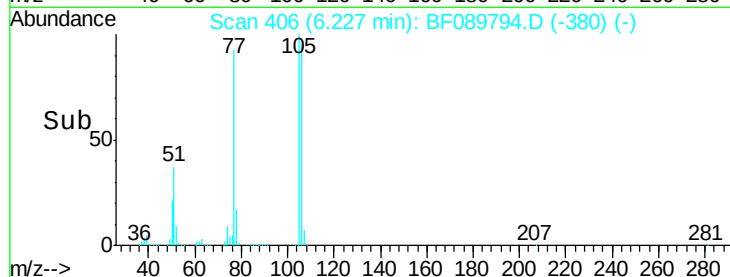
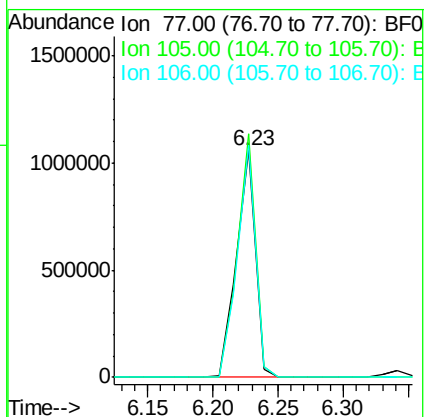
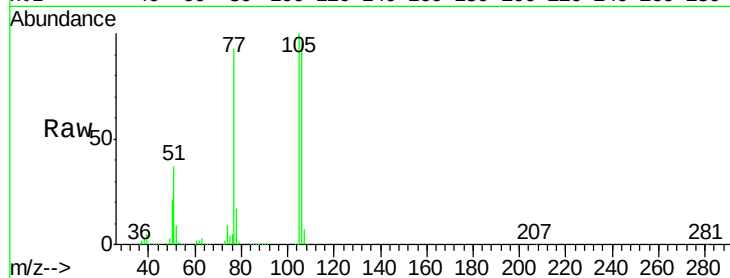
Tgt Ion: 77 Resp: 1058054

Ion Ratio Lower Upper

77 100

105 107.4 73.3 113.3

106 102.2 68.6 108.6



#10

Phenol

Concen: 39.94 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

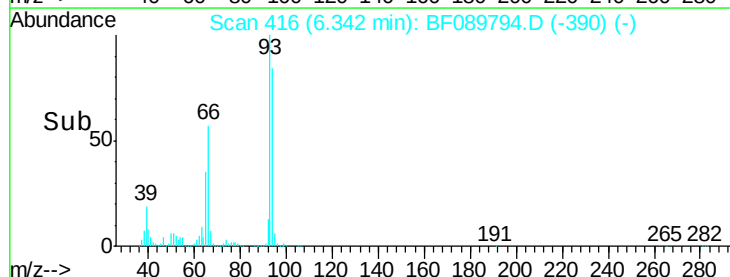
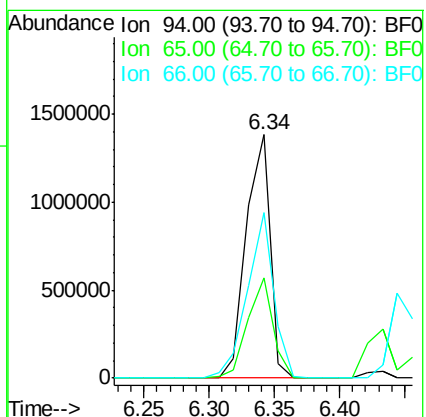
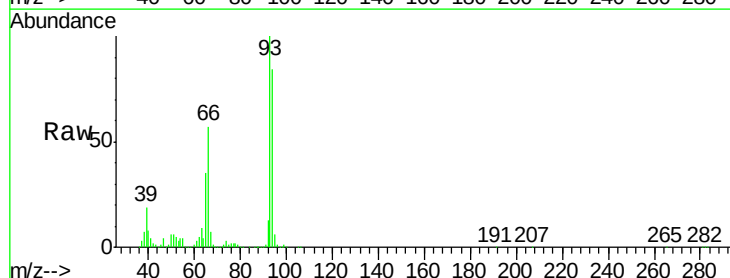
Tgt Ion: 94 Resp: 1763828

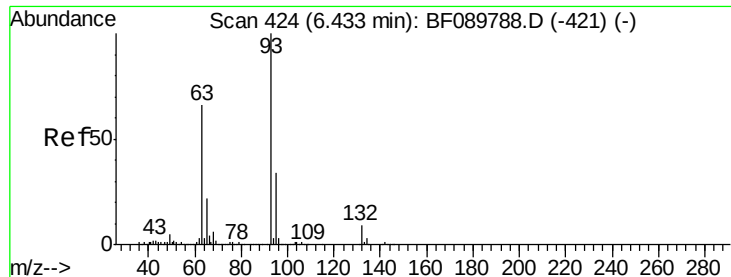
Ion Ratio Lower Upper

94 100

65 41.1 14.0 54.0

66 67.8 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 41.44 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

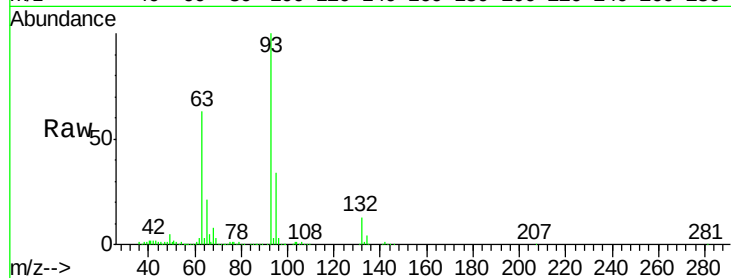
Tgt Ion: 93 Resp: 1418943

Ion Ratio Lower Upper

93 100

63 62.6 55.8 95.8

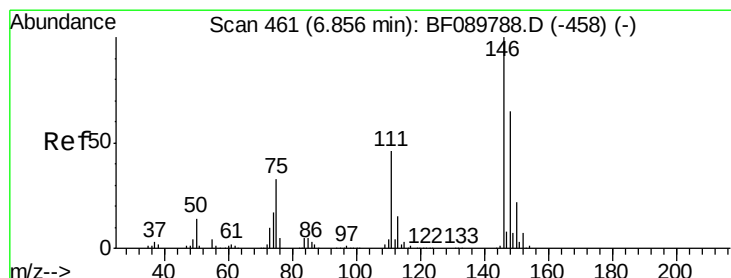
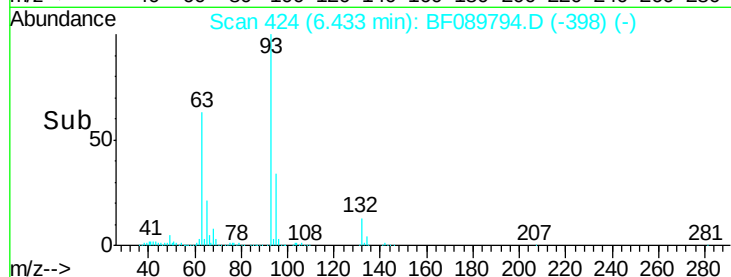
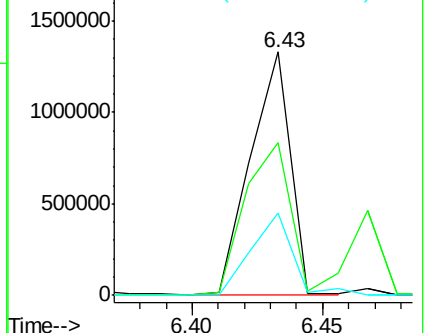
95 33.7 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.04 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

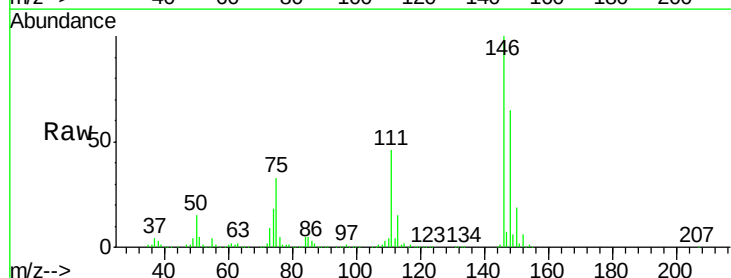
Tgt Ion: 146 Resp: 1459870

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

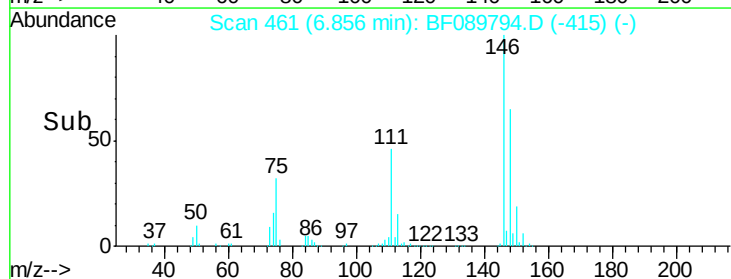
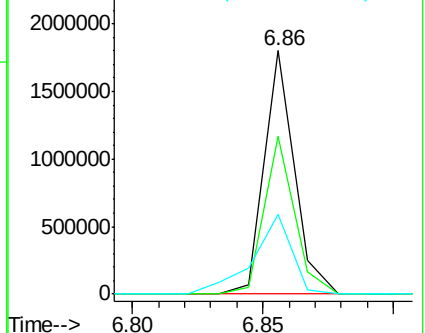
75 32.6 27.0 40.6

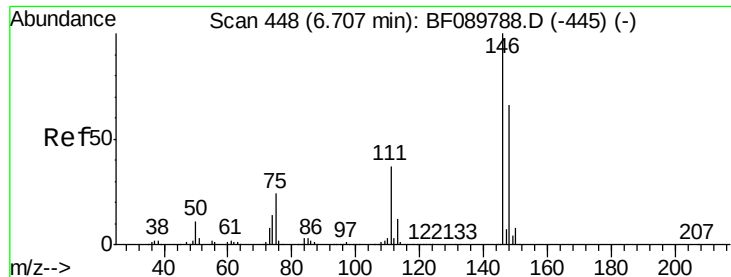


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

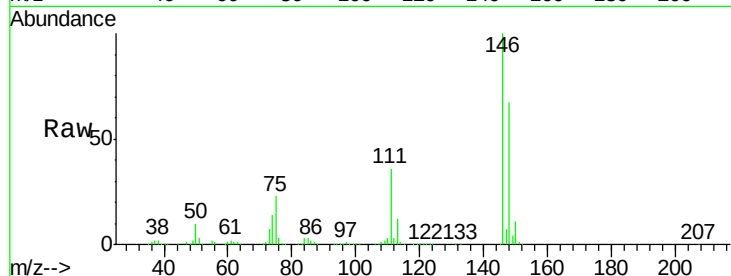




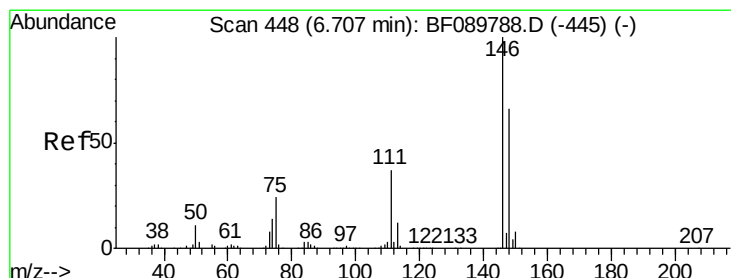
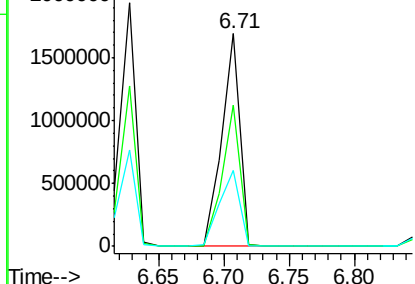
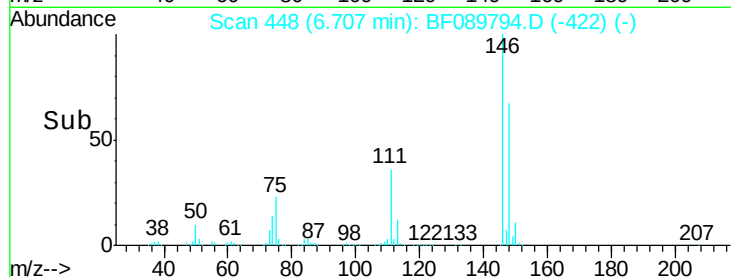
#13
 1,4-Dichlorobenzene
 Concen: 41.78 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 1648255
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.0 76.6
 111 35.9 34.6 52.0

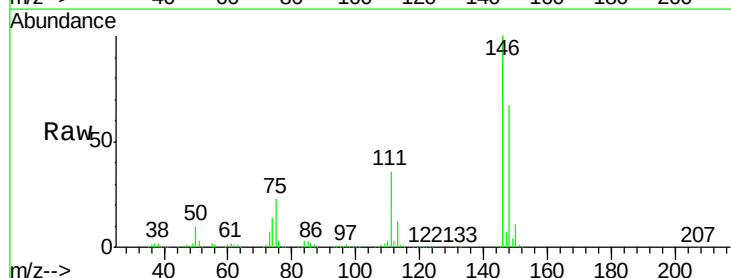


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

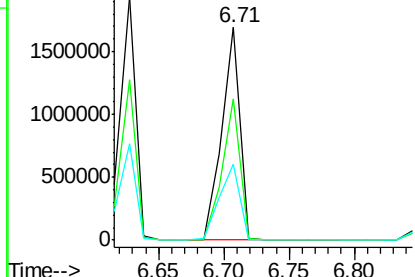
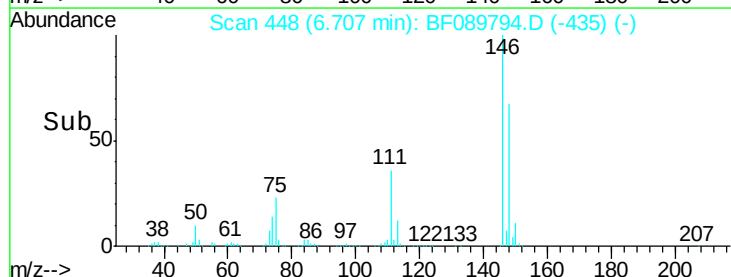


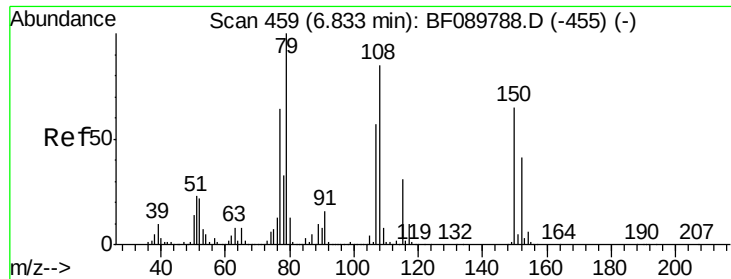
#14
 1,2-Dichlorobenzene
 Concen: 44.76 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:146 Resp: 1648255
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.2 78.2
 111 35.9 29.8 44.6



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

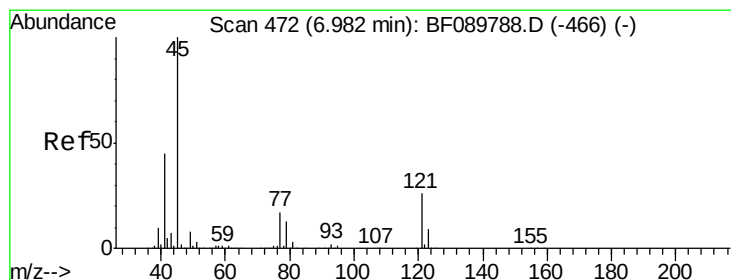
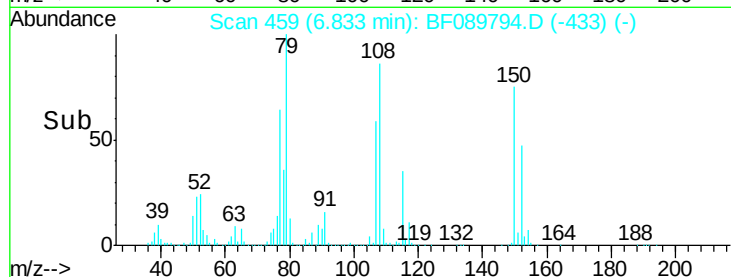
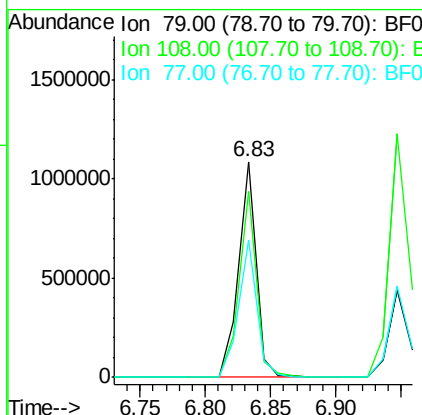
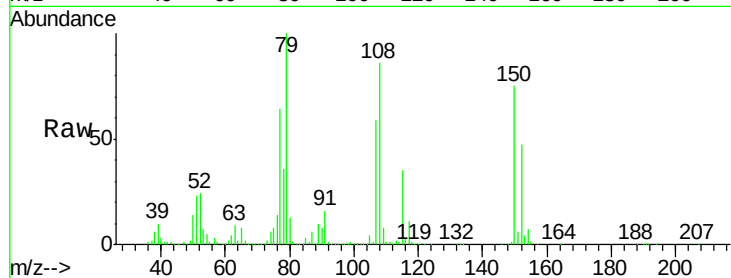




#15
Benzyl Alcohol
Concen: 40.81 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

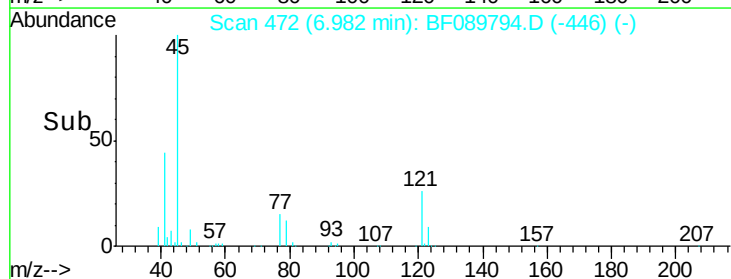
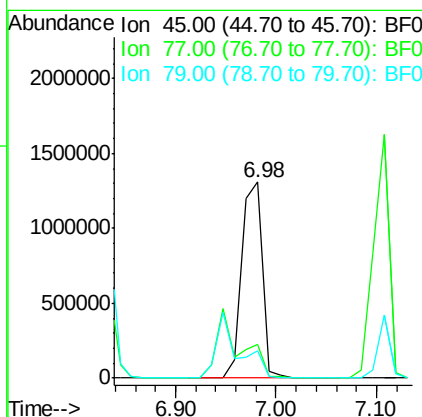
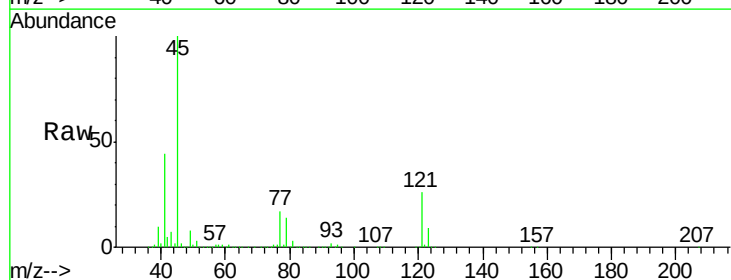
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

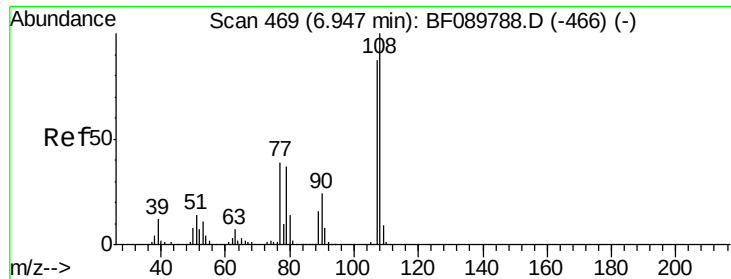
Tgt Ion: 79 Resp: 1019709
Ion Ratio Lower Upper
79 100
108 86.1 62.5 93.7
77 63.9 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.19 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion: 45 Resp: 1848928
Ion Ratio Lower Upper
45 100
77 17.0 0.0 33.5
79 13.7 0.0 30.7





#17

2-Methylphenol

Concen: 38.51 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 1107161

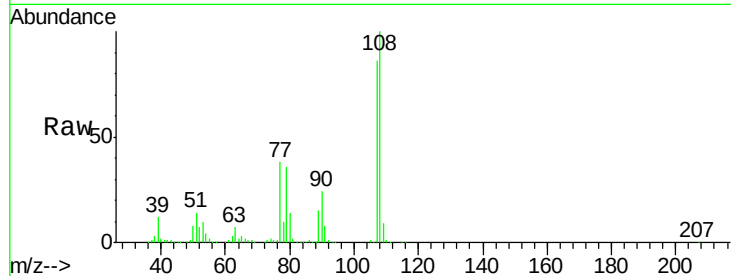
Ion Ratio Lower Upper

107 100

108 115.9 91.0 136.4

77 43.5 37.4 56.0

79 41.6 36.6 55.0

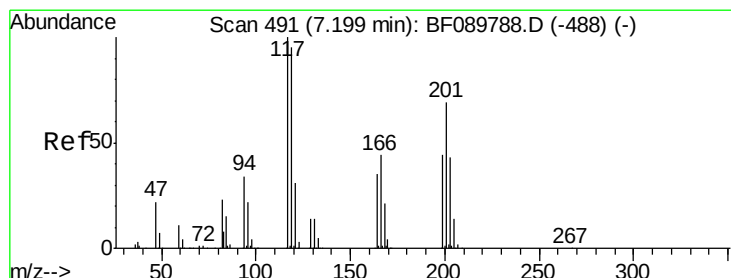
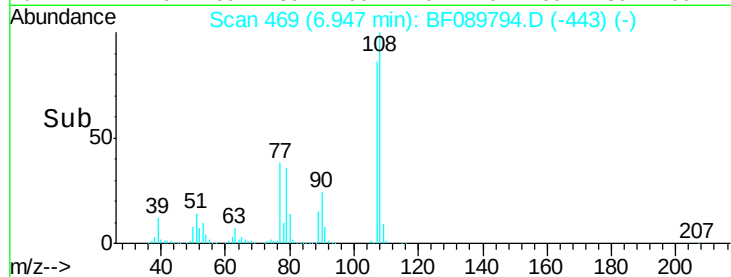
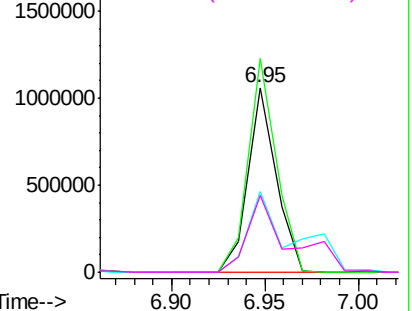


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.59 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

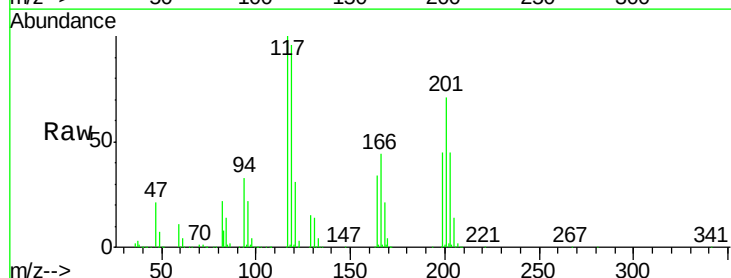
Tgt Ion:117 Resp: 571063

Ion Ratio Lower Upper

117 100

119 95.7 77.1 115.7

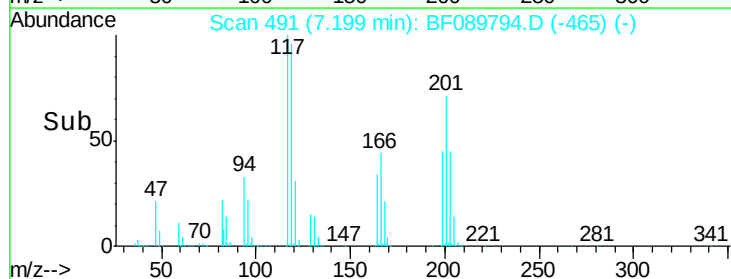
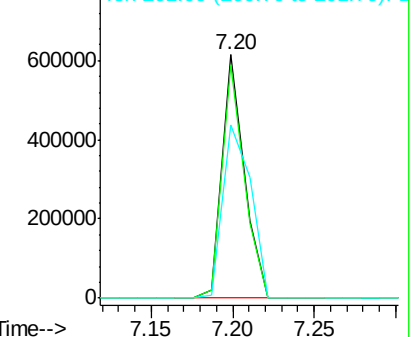
201 71.1 76.9 115.3#

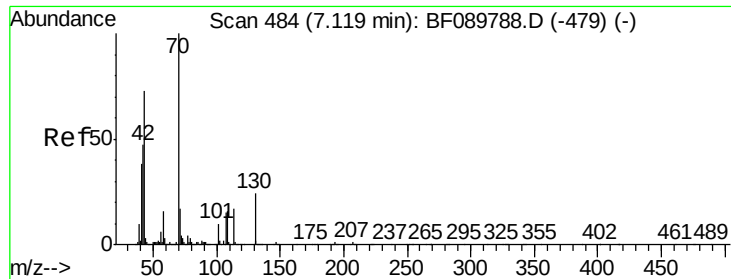


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

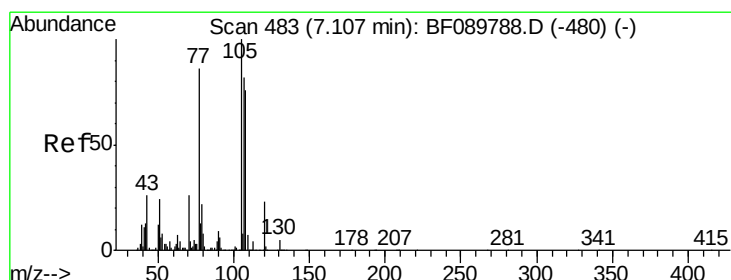
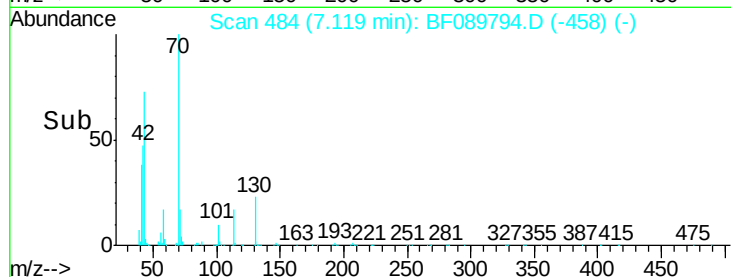
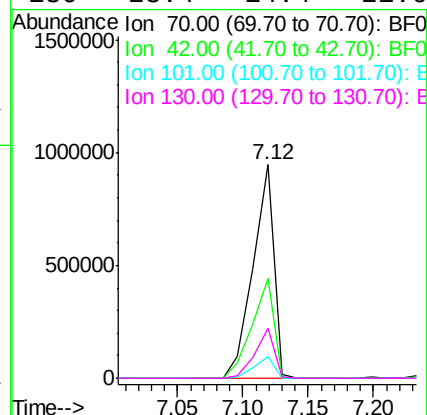
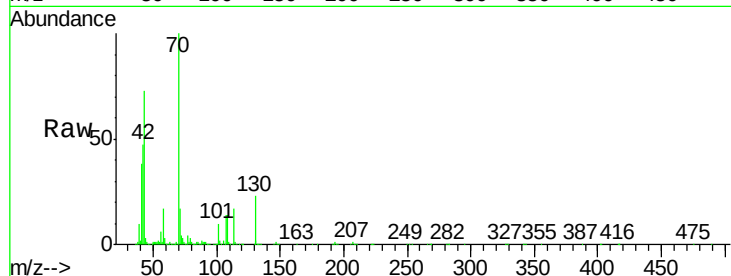




#19
n-Nitroso-di-n-propylamine
Concen: 43.98 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

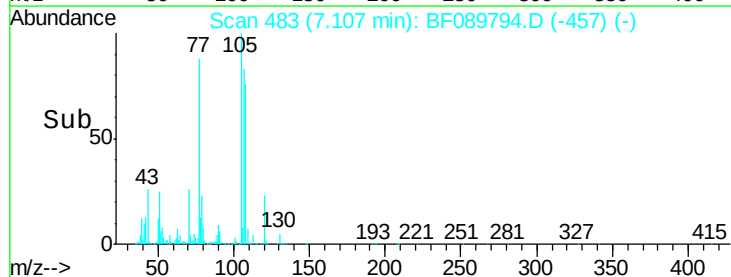
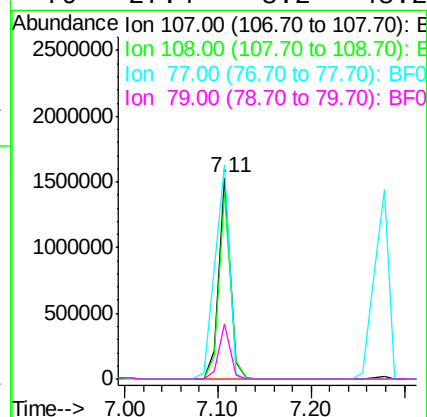
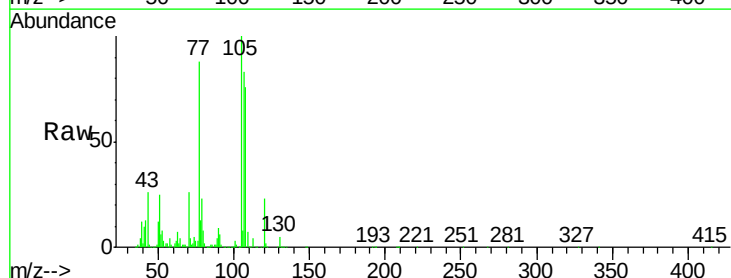
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

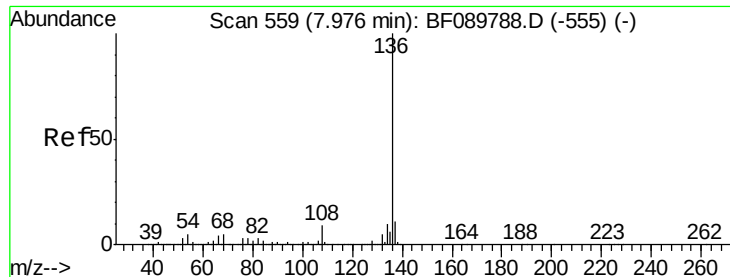
Tgt Ion: 70 Resp: 1059894
Ion Ratio Lower Upper
70 100
42 46.6 46.3 69.5
101 10.0 7.0 10.6
130 23.4 14.4 21.6#



#20
3+4-Methylphenols
Concen: 36.91 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion: 107 Resp: 1301097
Ion Ratio Lower Upper
107 100
108 92.1 68.2 108.2
77 106.2 122.3 162.3#
79 27.4 8.2 48.2

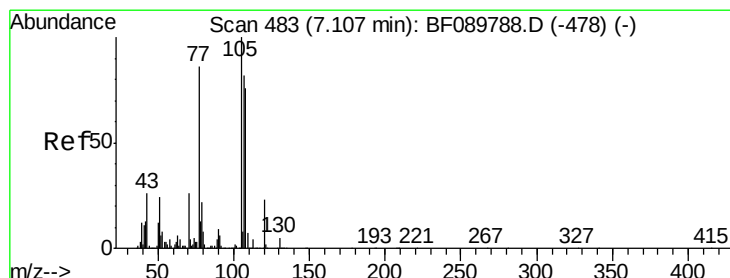
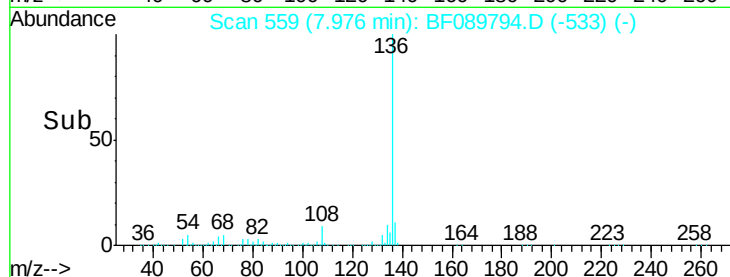
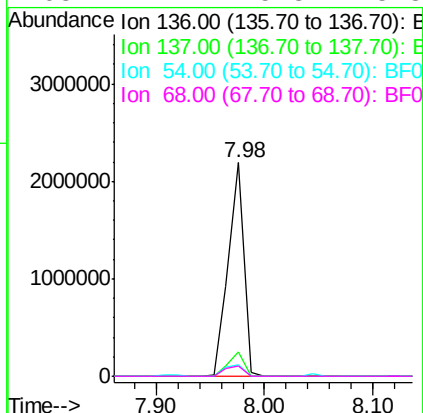
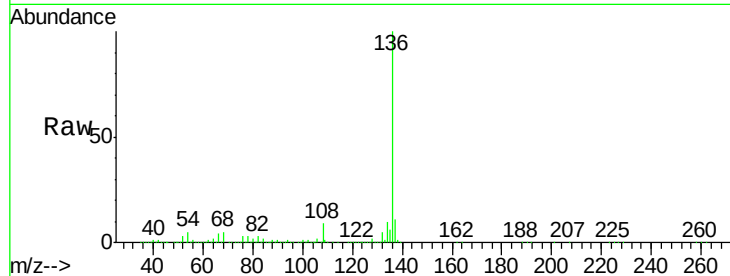




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

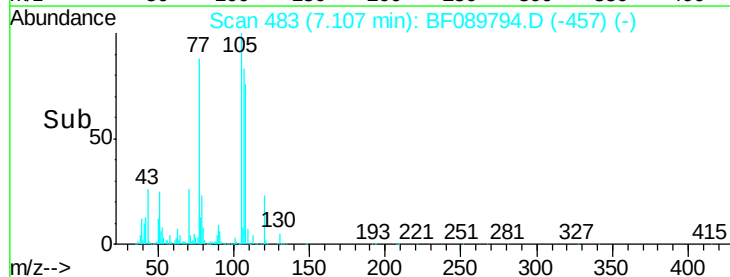
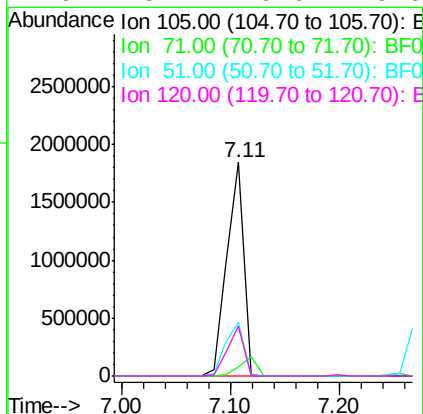
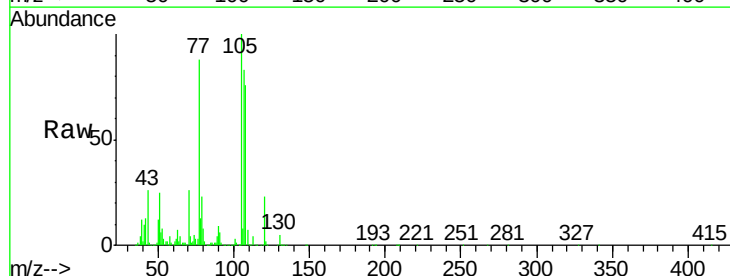
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

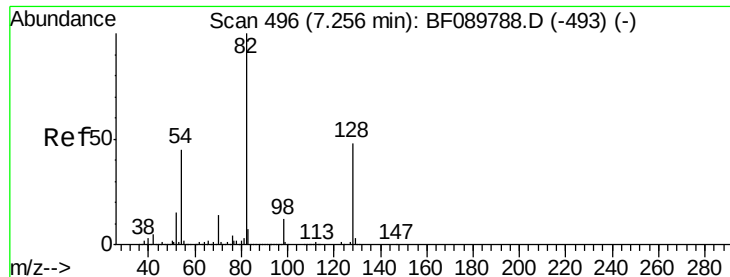
Tgt Ion:	136	Resp:	2178475
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	5.1	7.2	10.8#
68	4.7	5.8	8.8#



#22
Acetophenone
Concen: 39.53 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion:	105	Resp:	1977172
Ion	Ratio	Lower	Upper
105	100		
71	4.4	1.9	2.9#
51	25.2	28.5	42.7#
120	23.2	16.6	25.0



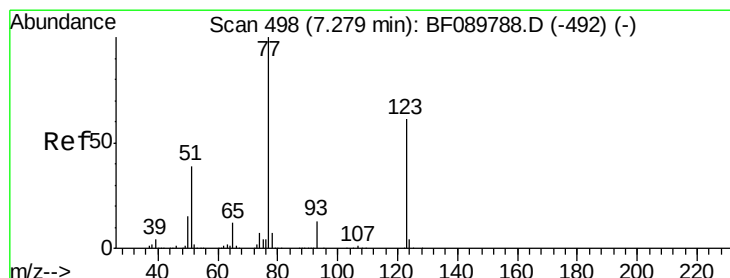
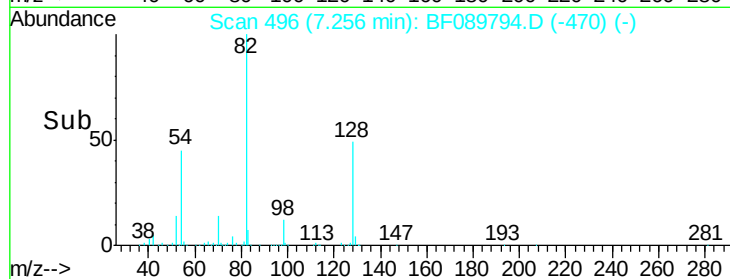
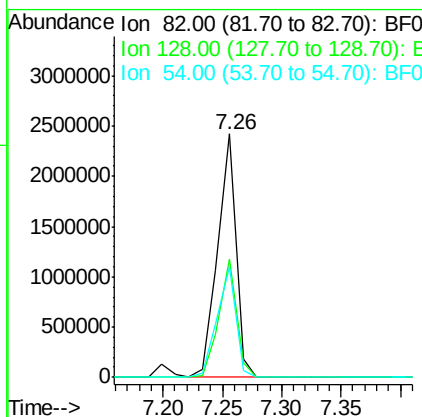
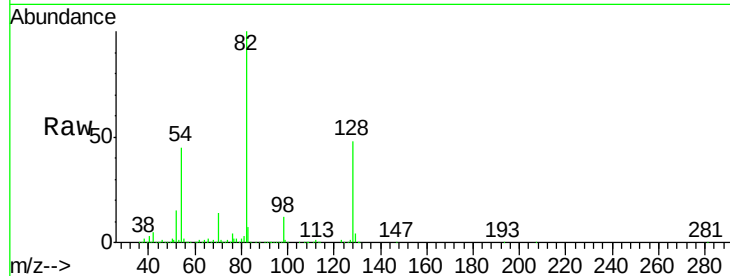


#23
 Nitrobenzene-d5
 Concen: 73.43 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 2574917

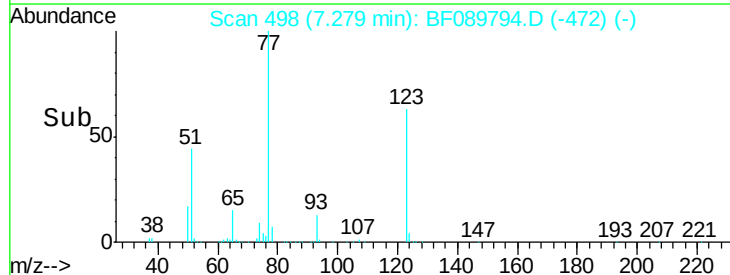
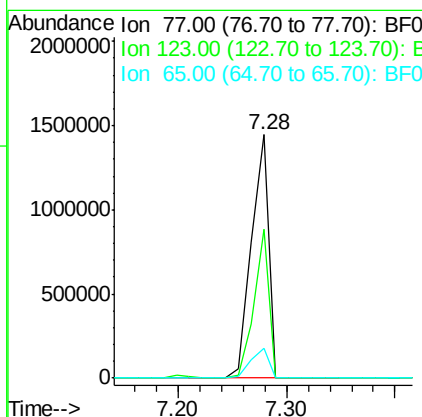
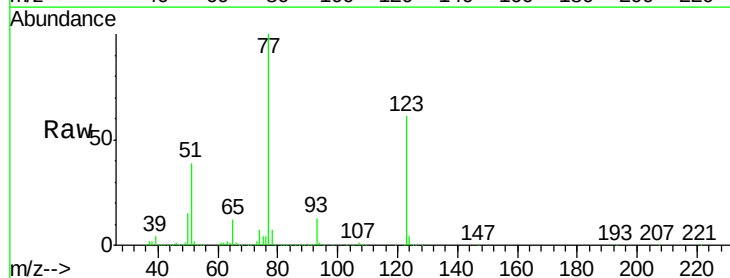
Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.4	51.6
54	45.2	40.3	60.5

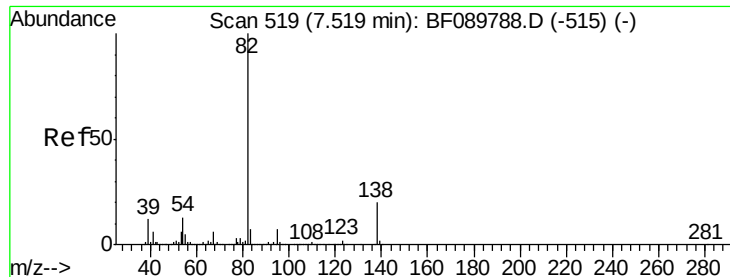


#24
 Nitrobenzene
 Concen: 40.38 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion: 77 Resp: 1588535

Ion	Ratio	Lower	Upper
77	100		
123	61.0	36.2	54.2#
65	12.4	10.6	15.8





#25

Isophorone

Concen: 38.66 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

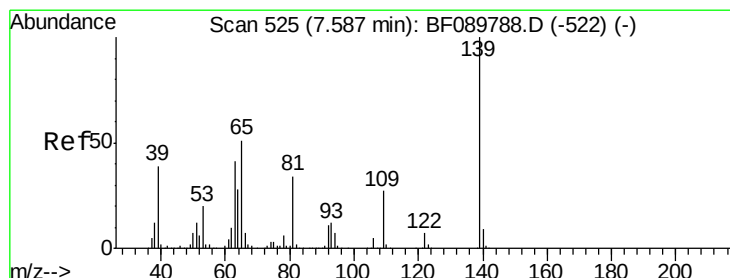
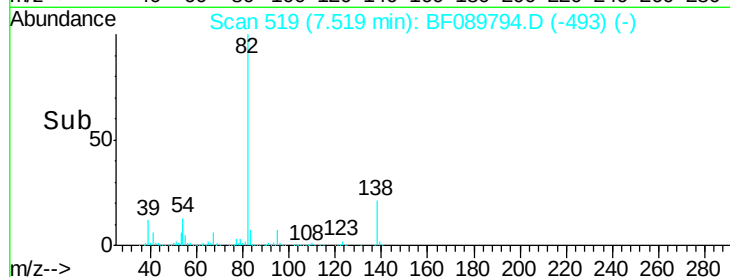
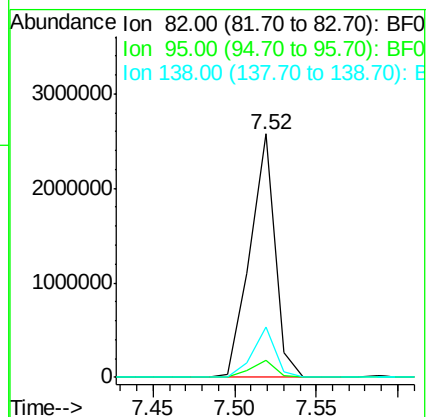
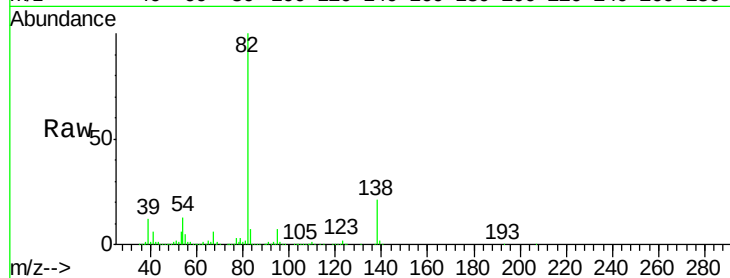
Tgt Ion: 82 Resp: 2734484

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 20.7 13.0 19.4#



#26

2-Nitrophenol

Concen: 36.24 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

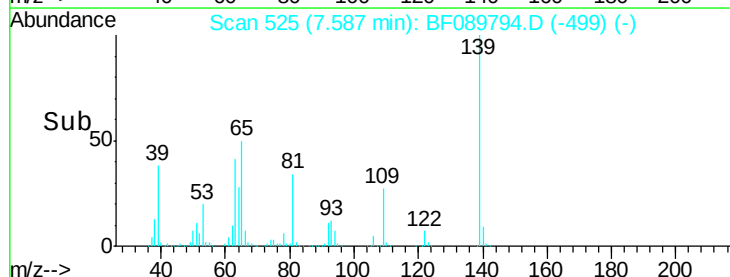
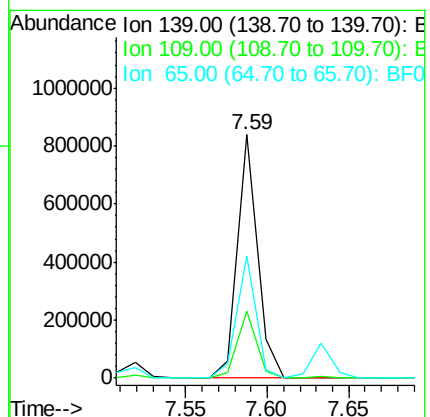
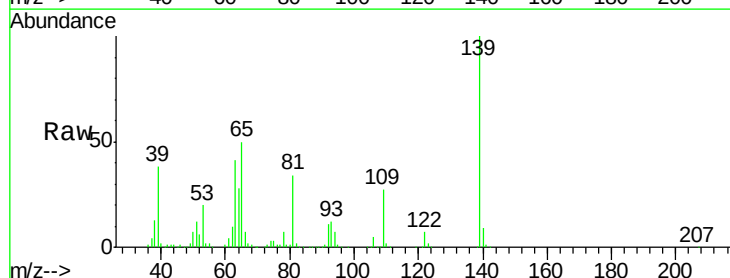
Tgt Ion: 139 Resp: 711402

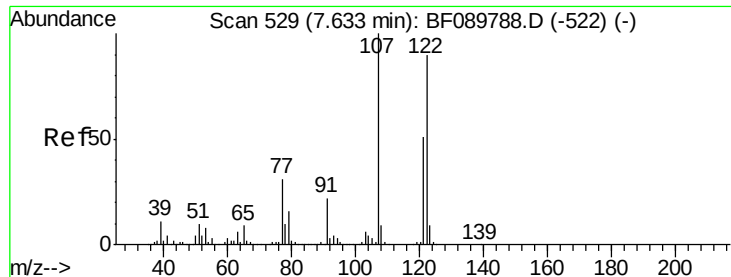
Ion Ratio Lower Upper

139 100

109 27.4 19.5 29.3

65 49.9 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 33.96 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

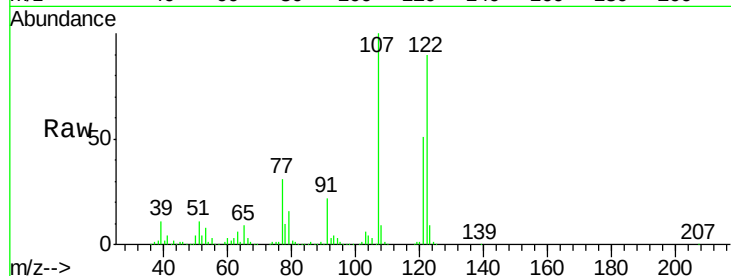
Tgt Ion:122 Resp: 1201277

Ion Ratio Lower Upper

122 100

107 111.1 84.8 127.2

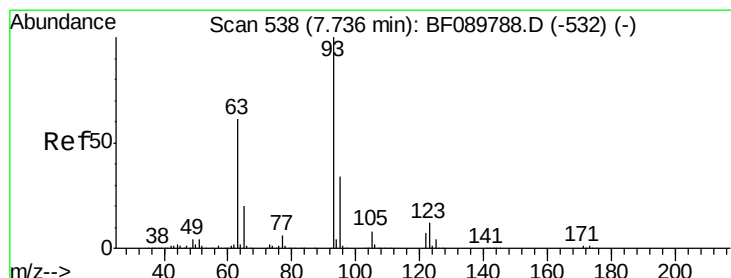
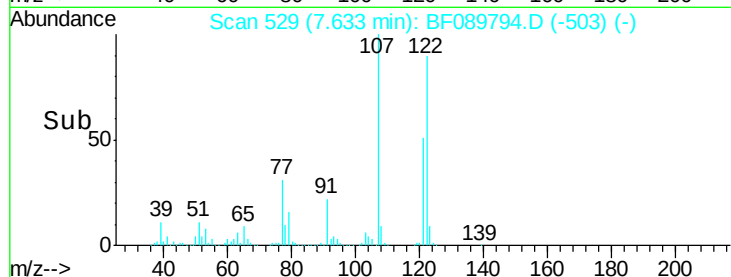
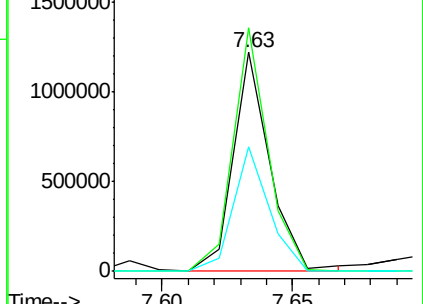
121 57.1 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.07 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

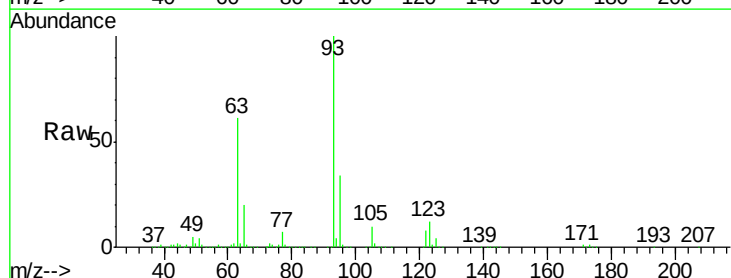
Tgt Ion: 93 Resp: 1797074

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

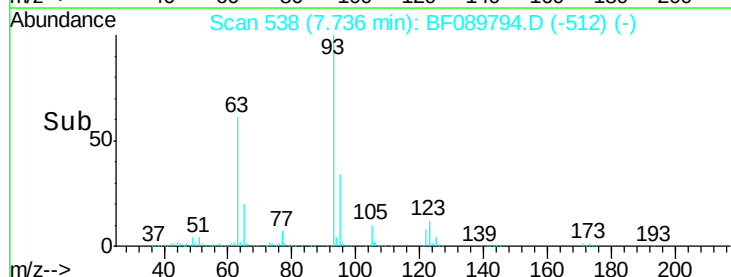
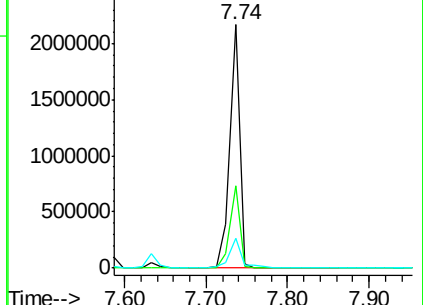
123 12.0 8.5 12.7

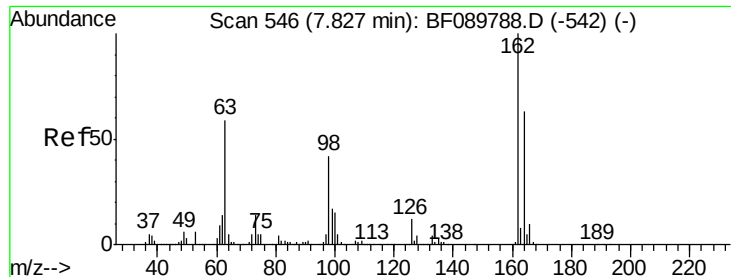


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.51 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

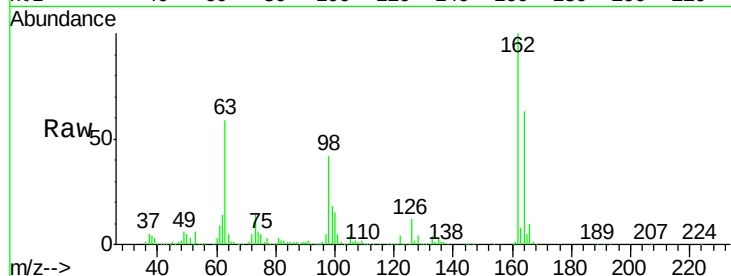
Tgt Ion:162 Resp: 1113495

Ion Ratio Lower Upper

162 100

164 63.4 45.5 85.5

98 42.2 12.4 52.4

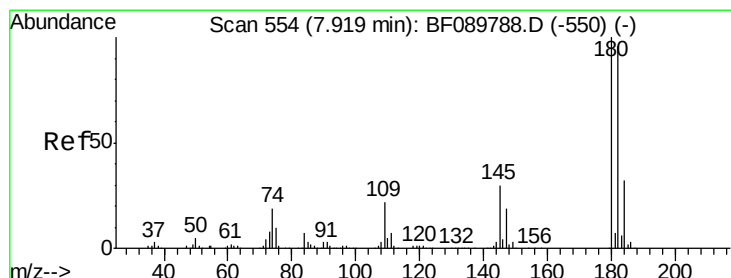
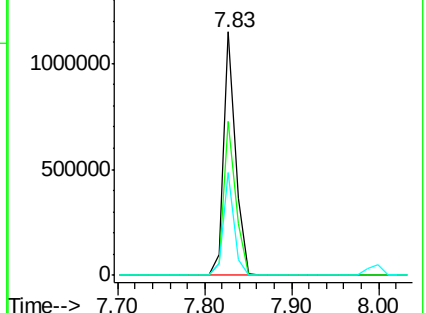
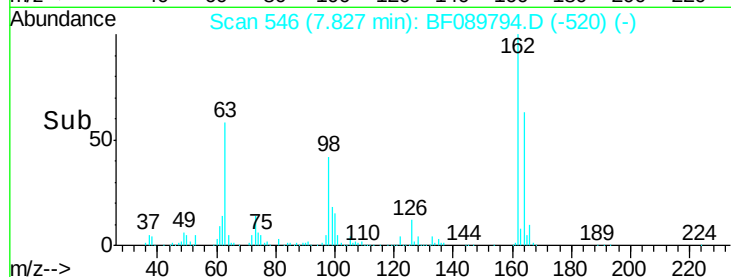


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.00 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

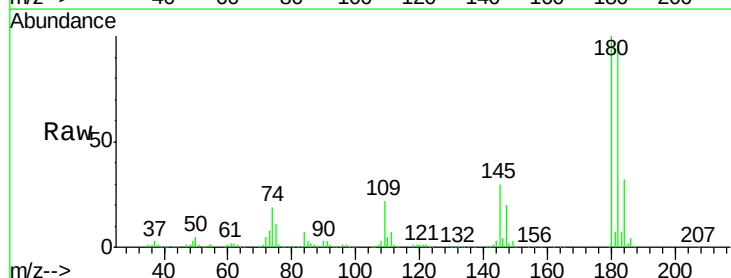
Tgt Ion:180 Resp: 1313360

Ion Ratio Lower Upper

180 100

182 96.9 75.5 113.3

145 29.7 28.7 43.1

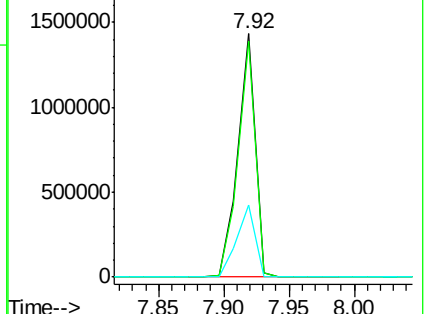
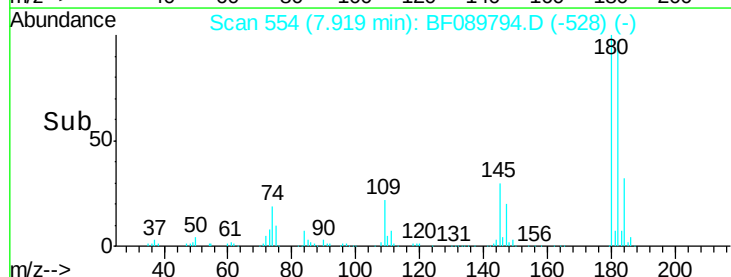


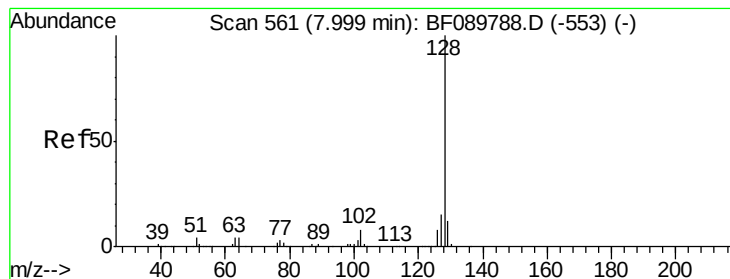
Abundance

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: 39.69 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

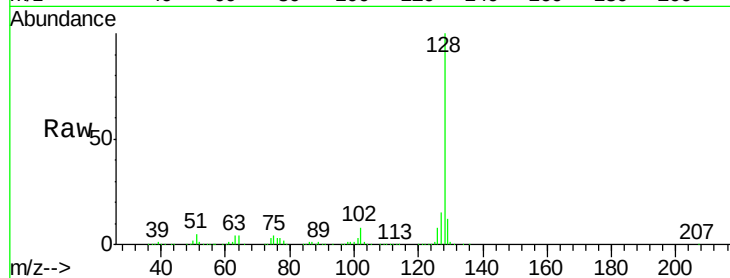
Tgt Ion:128 Resp: 4041485

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

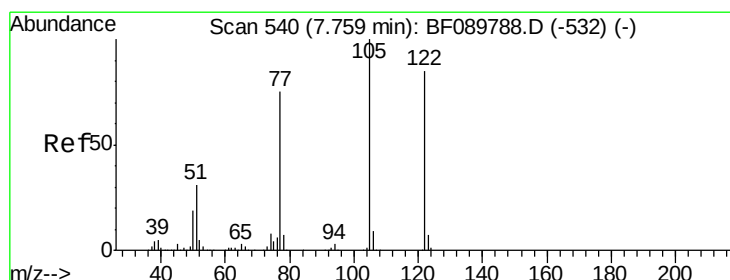
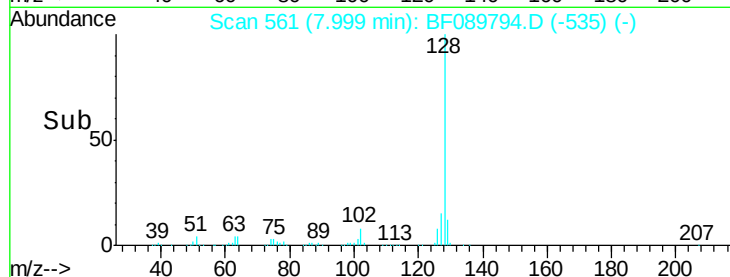
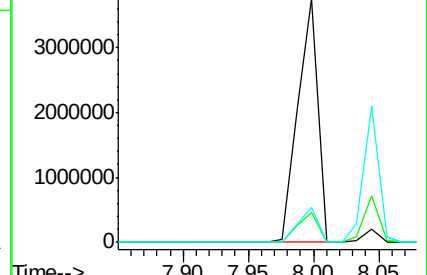
127 14.5 11.3 16.9



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: 38.77 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

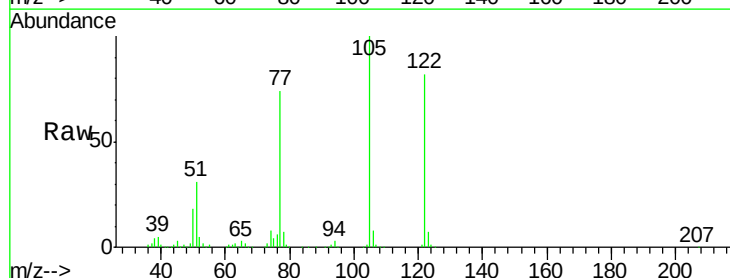
Tgt Ion:122 Resp: 1068942

Ion Ratio Lower Upper

122 100

105 121.8 100.8 140.8

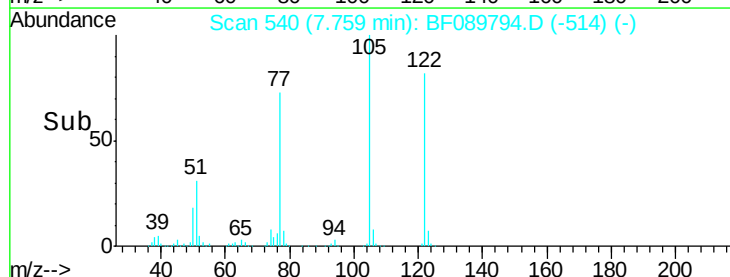
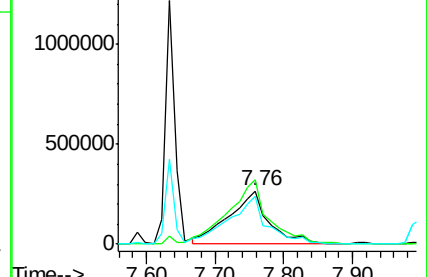
77 89.6 72.1 112.1

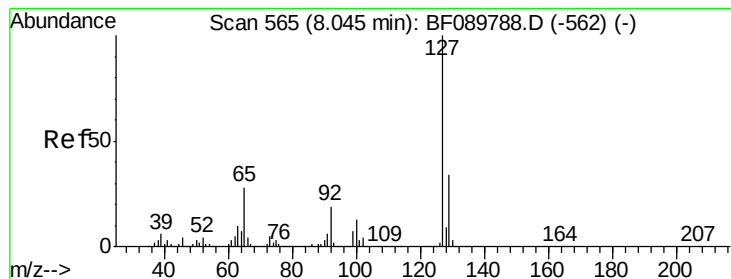


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 38.84 ng

RT: 8.04 min Scan# 565

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:127 Resp: 1714253

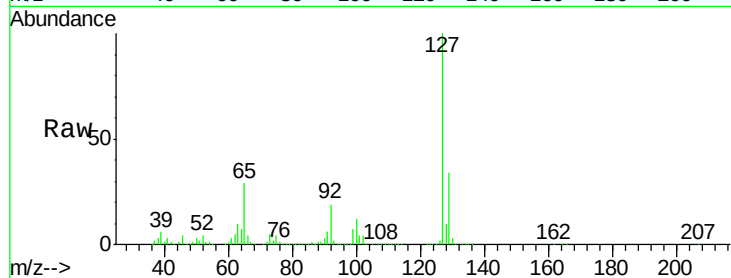
Ion Ratio Lower Upper

127 100

129 34.4 27.0 40.6

65 28.6 14.7 22.1#

92 18.8 11.7 17.5#

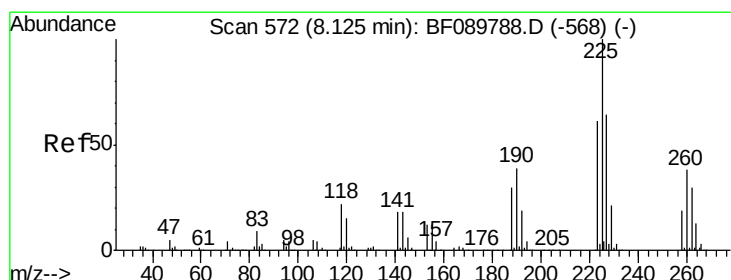
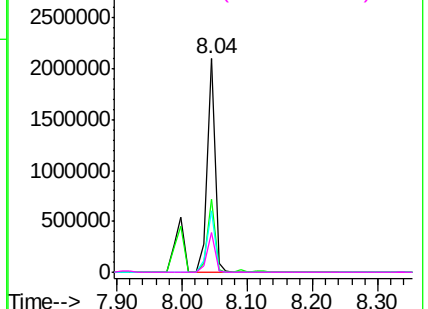
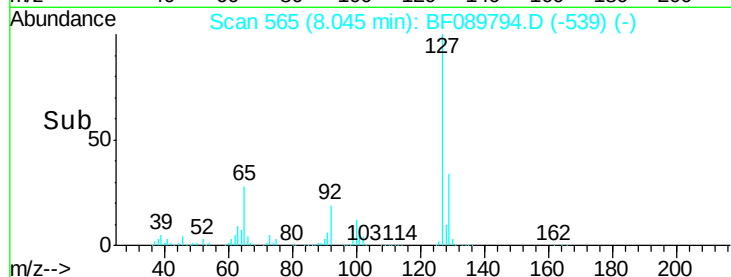


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.64 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

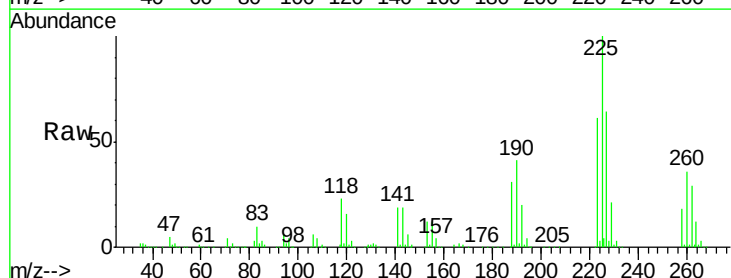
Tgt Ion:225 Resp: 681640

Ion Ratio Lower Upper

225 100

223 61.2 51.0 76.6

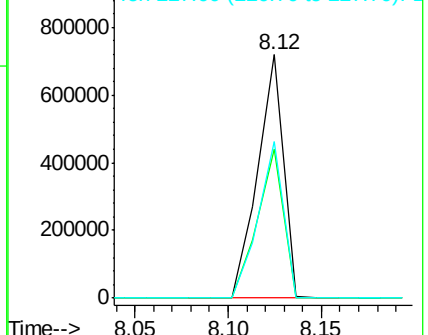
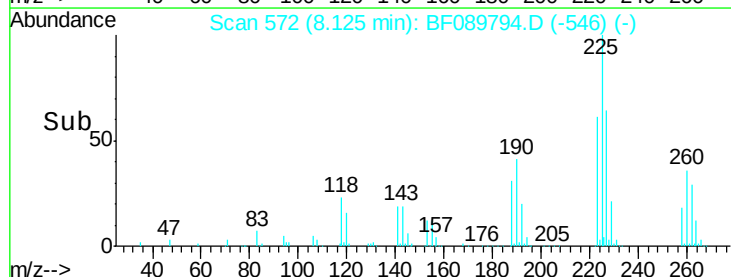
227 64.1 49.8 74.6

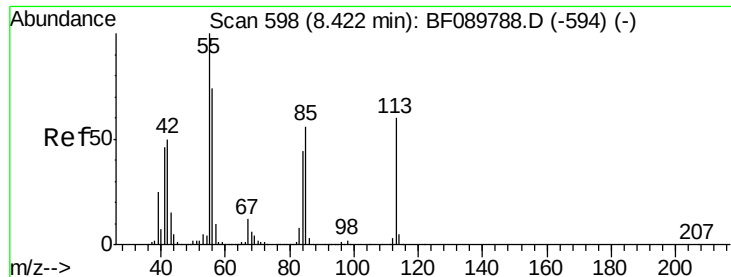


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

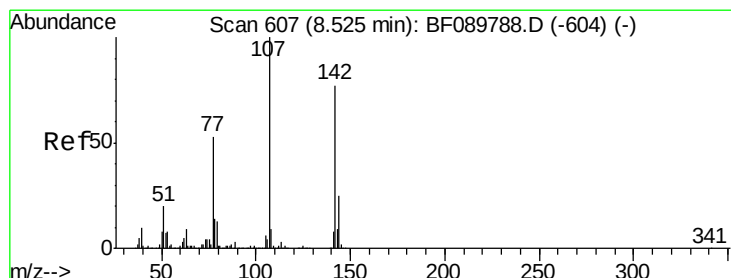
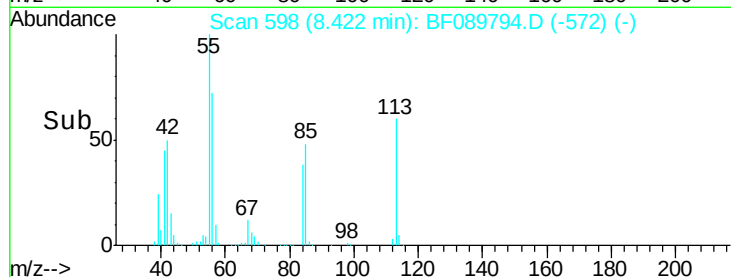
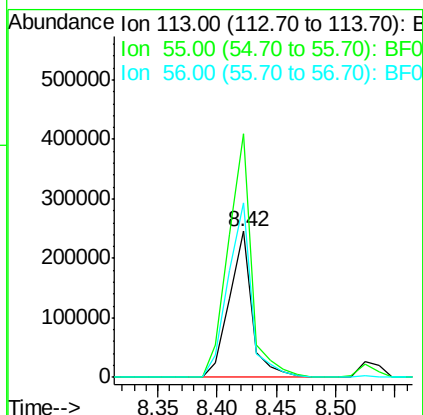
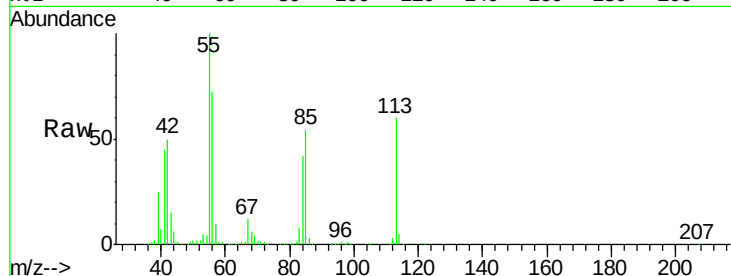




#35
 Caprolactam
 Concen: 36.09 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

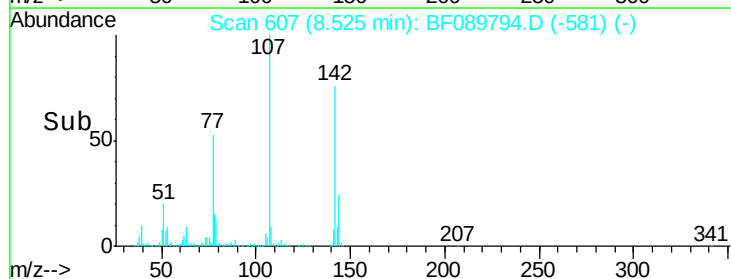
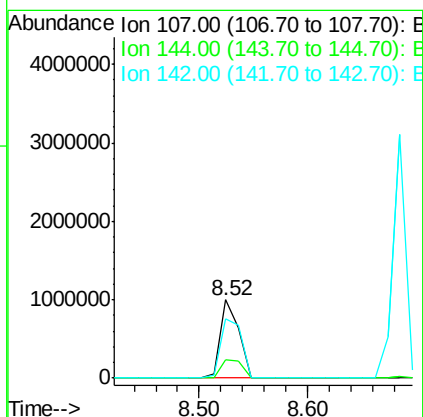
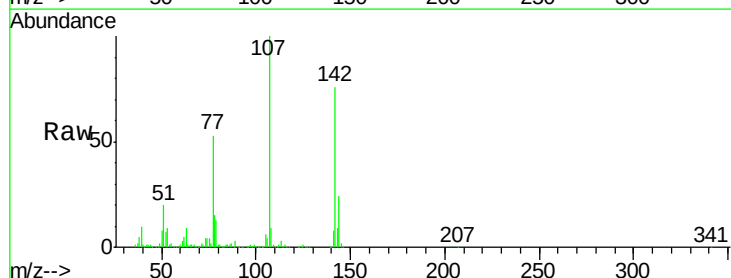
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

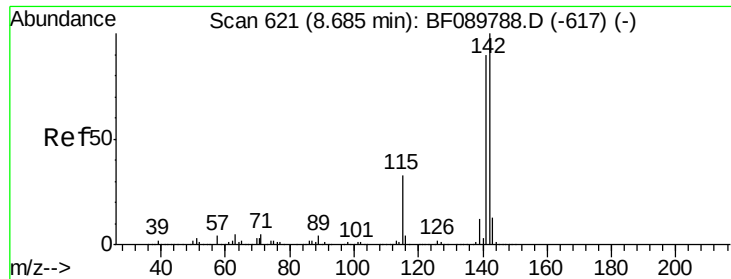
Tgt Ion:113 Resp: 326264
 Ion Ratio Lower Upper
 113 100
 55 167.0 135.9 175.9
 56 119.9 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 36.73 ng
 RT: 8.52 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:107 Resp: 1180731
 Ion Ratio Lower Upper
 107 100
 144 24.3 22.6 34.0
 142 75.8 69.3 103.9

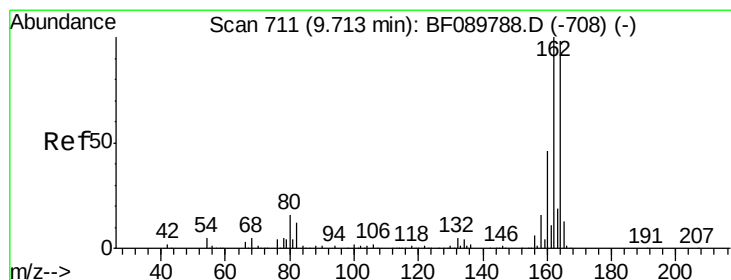
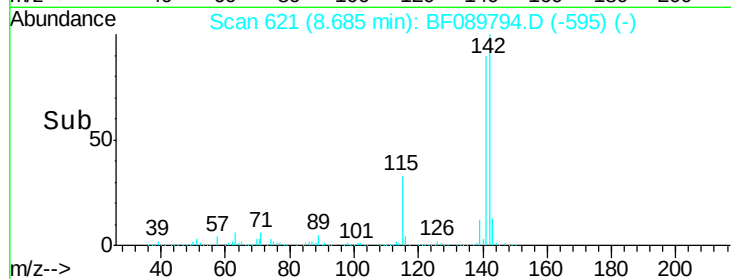
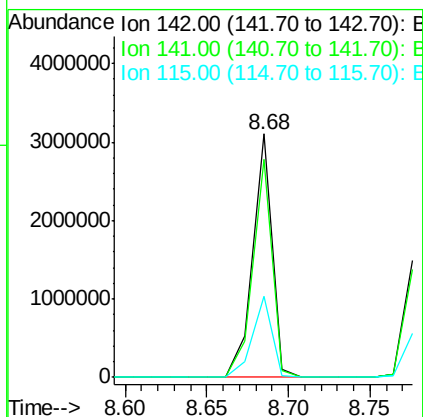
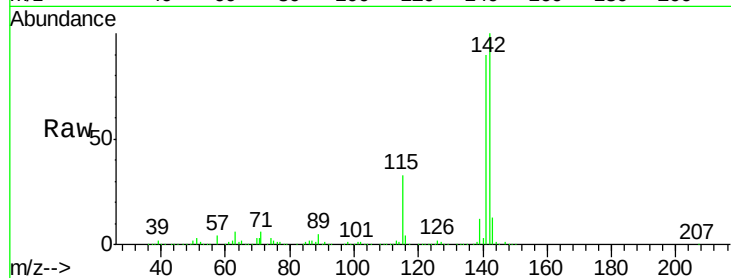




#37
 2-Methylnaphthalene
 Concen: 39.01 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

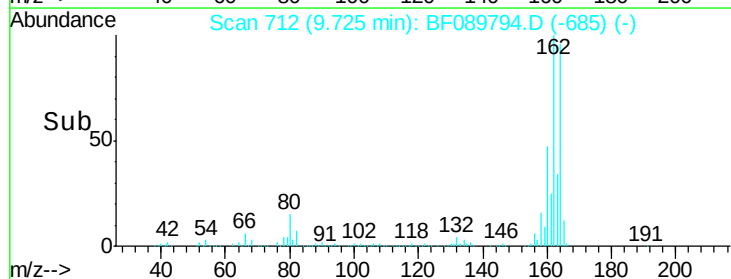
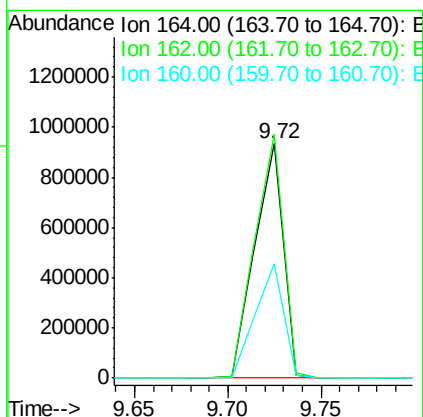
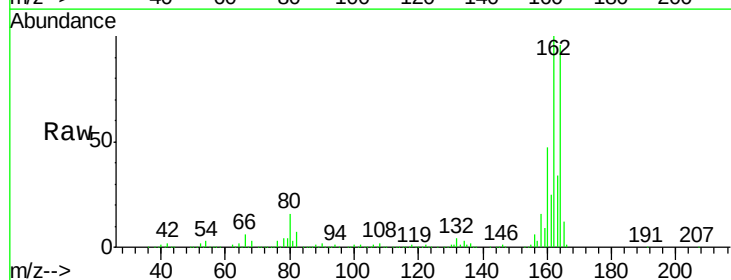
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

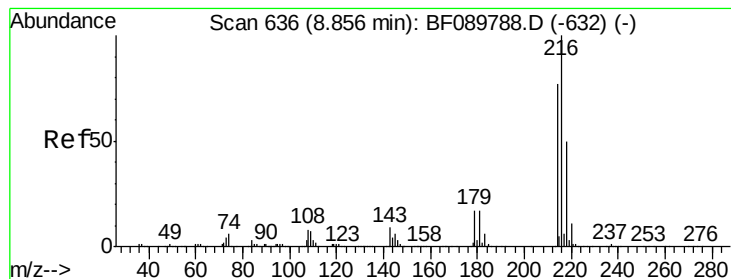
Tgt Ion:142 Resp: 2569261
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 33.5 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:164 Resp: 985217
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.4 122.2
 160 48.6 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.08 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 1342326

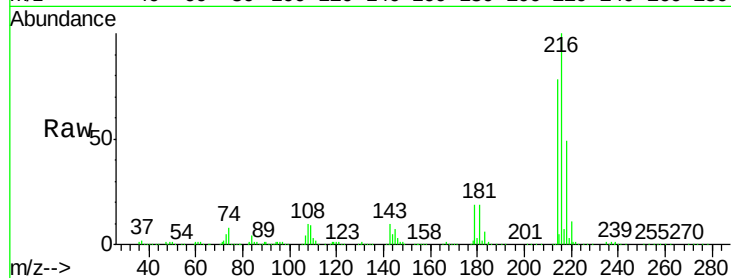
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.8 19.9 29.9

108 18.3 19.9 29.9#

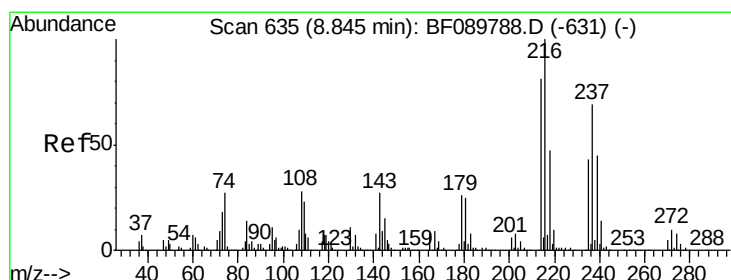
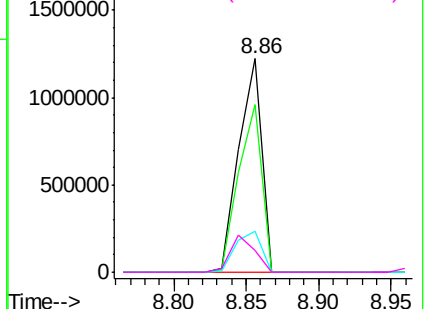
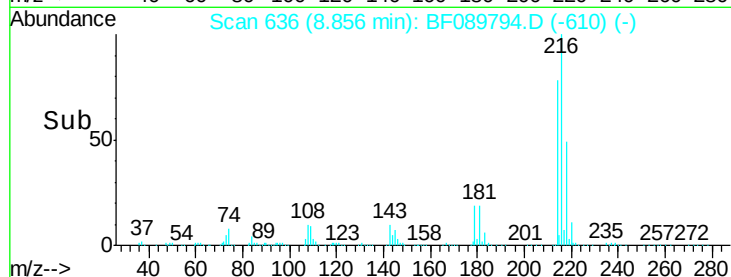


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.44 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

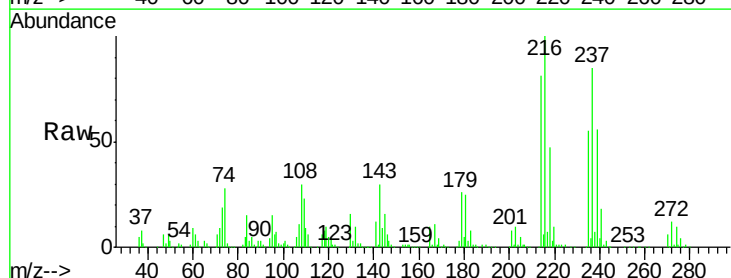
Tgt Ion:237 Resp: 481167

Ion Ratio Lower Upper

237 100

235 64.2 43.7 83.7

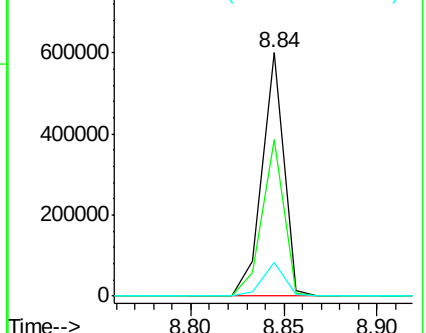
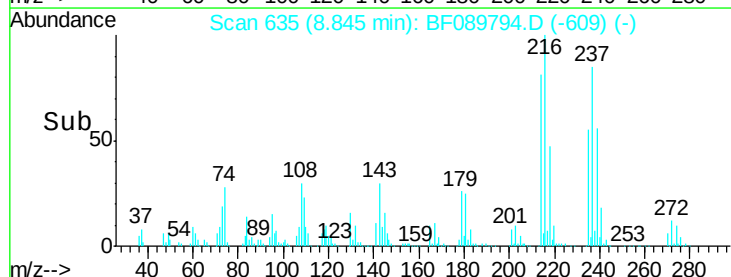
272 13.8 0.0 31.6

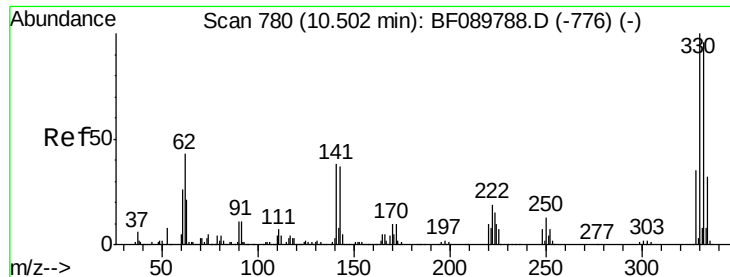


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

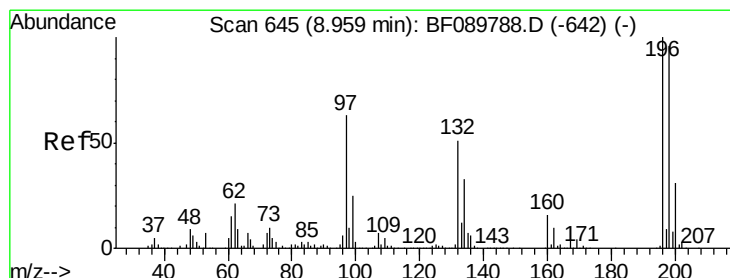
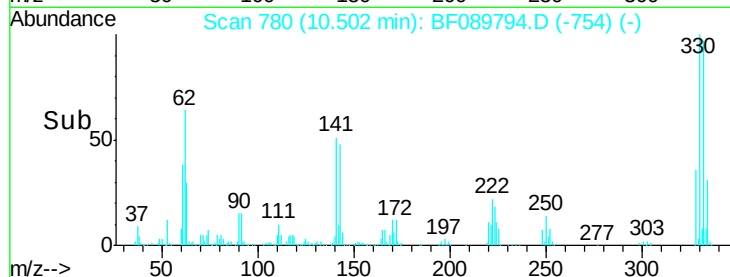
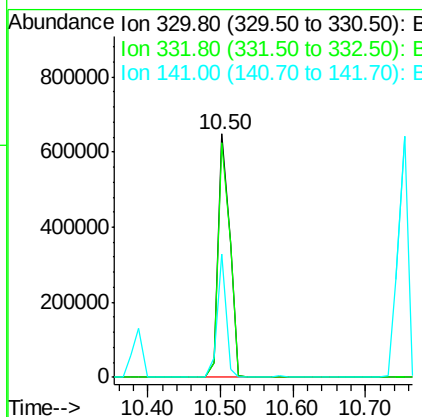
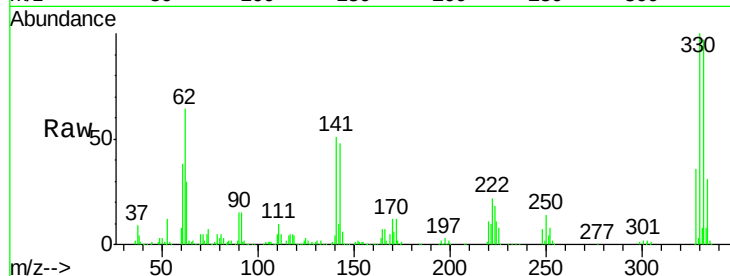




#41
 2,4,6-Tribromophenol
 Concen: 77.49 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

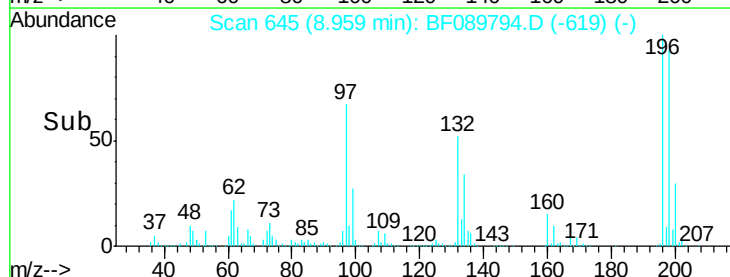
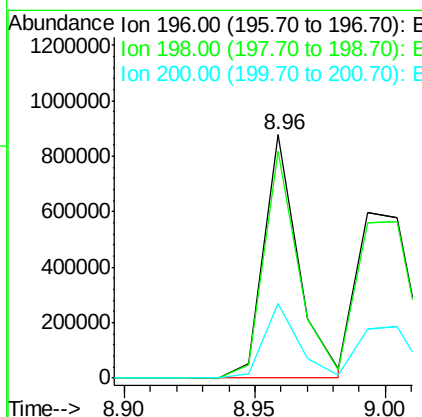
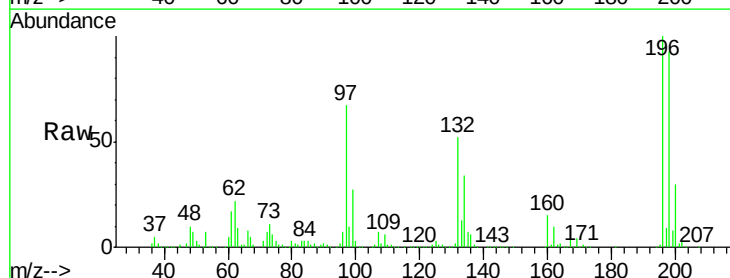
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

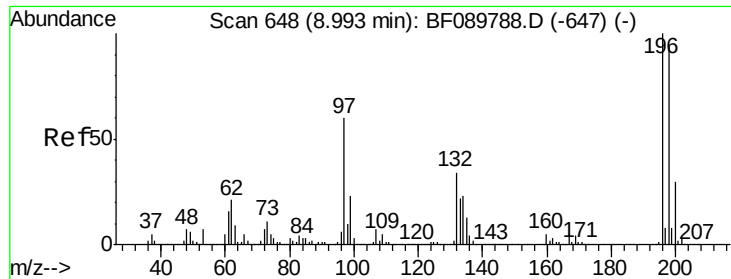
Tgt Ion:330 Resp: 725517
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 38.5 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 40.20 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:196 Resp: 806824
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.3 114.5
 200 30.4 24.6 36.8

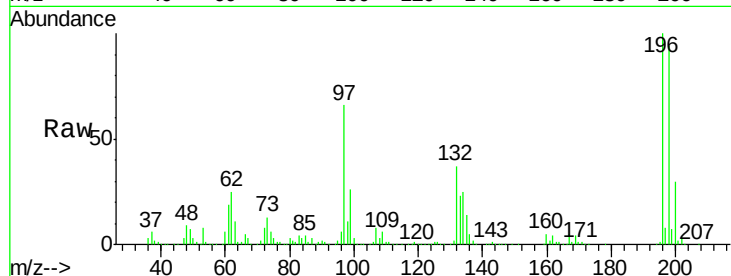




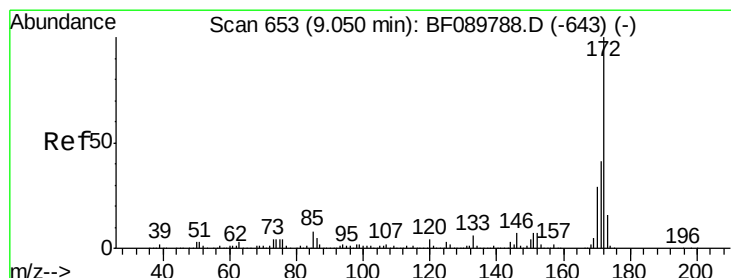
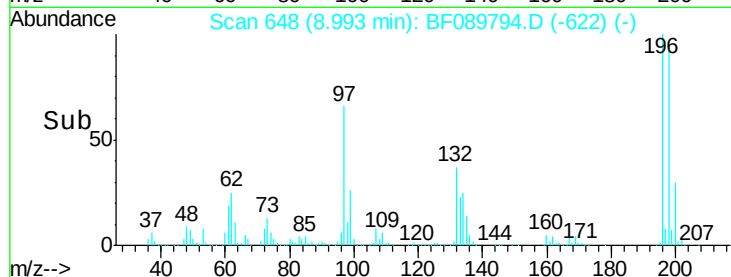
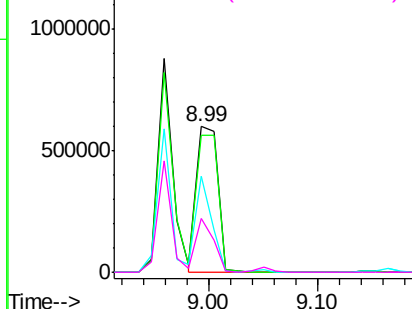
#43
 2,4,5-Trichlorophenol
 Concen: 41.08 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 819970
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.6 114.8
 97 65.9 35.8 53.8#
 132 36.7 23.5 35.3#

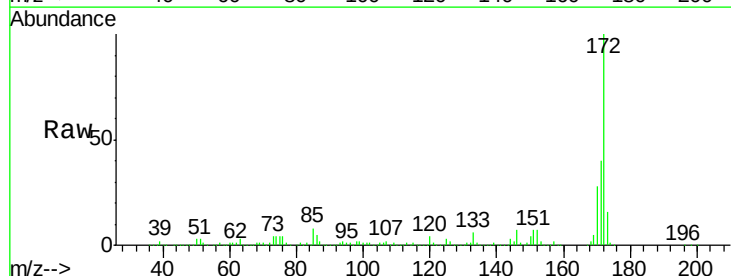


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

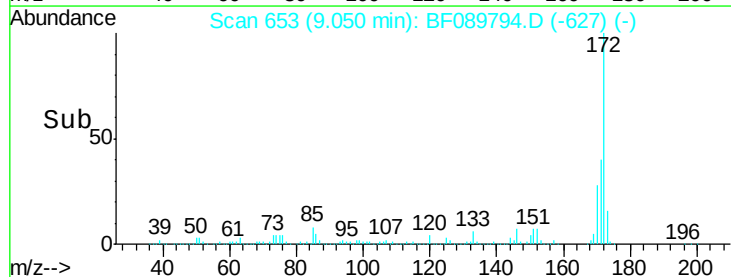
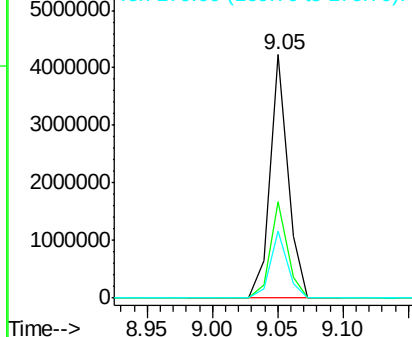


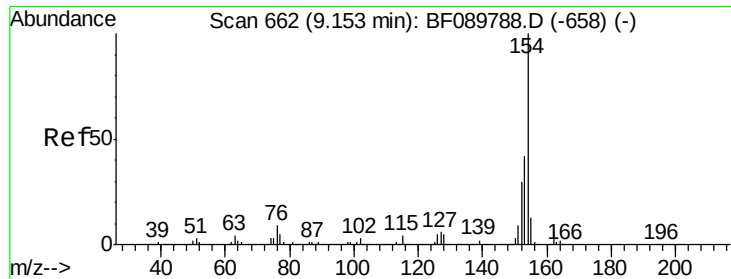
#44
 2-Fluorobiphenyl
 Concen: 73.29 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:172 Resp: 4108223
 Ion Ratio Lower Upper
 172 100
 171 39.8 30.5 45.7
 170 27.7 20.6 31.0



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

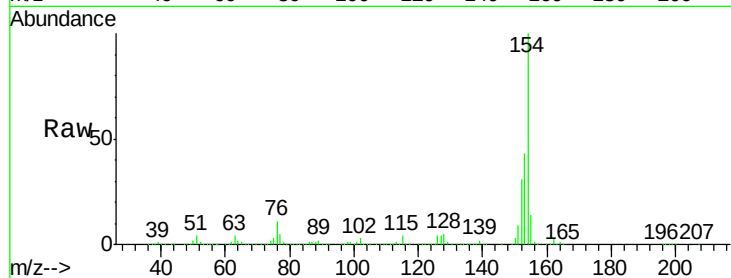




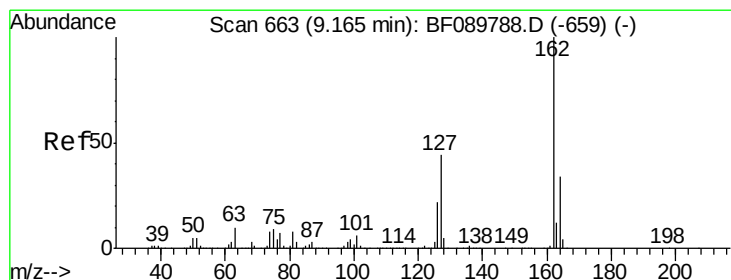
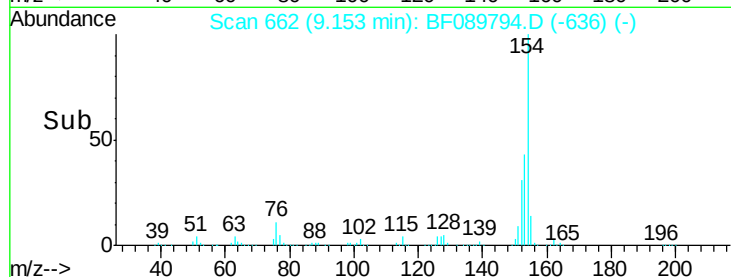
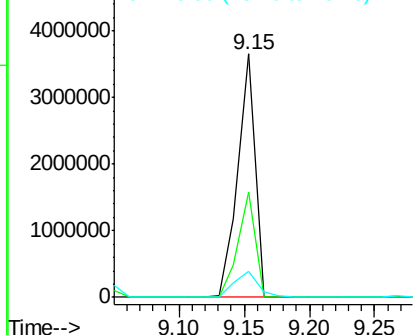
#45
 1,1'-Biphenyl
 Concen: 43.73 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 3333790
 Ion Ratio Lower Upper
 154 100
 153 43.0 21.5 61.5
 76 10.7 0.0 36.7

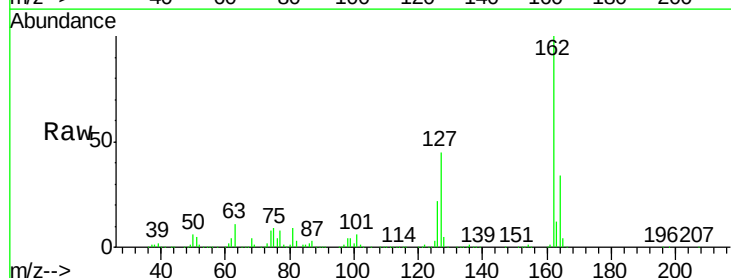


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

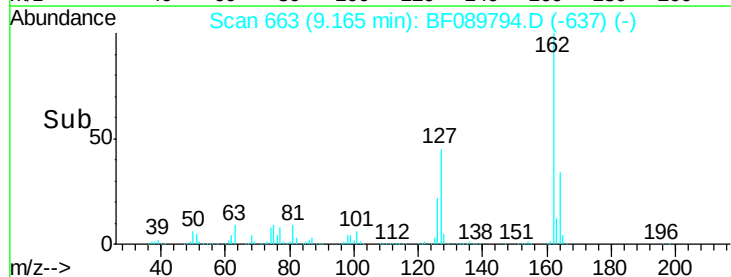
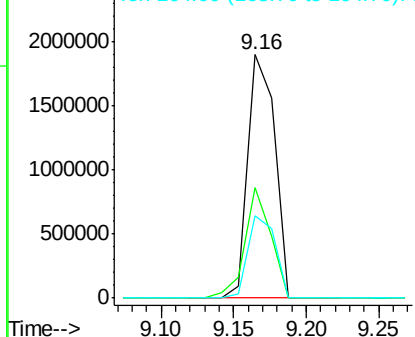


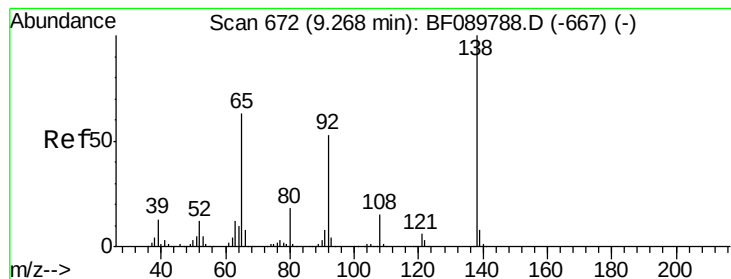
#46
 2-Chloronaphthalene
 Concen: 40.44 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:162 Resp: 2437258
 Ion Ratio Lower Upper
 162 100
 127 45.2 35.5 53.3
 164 34.0 26.6 40.0



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





#47

2-Nitroaniline

Concen: 47.69 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

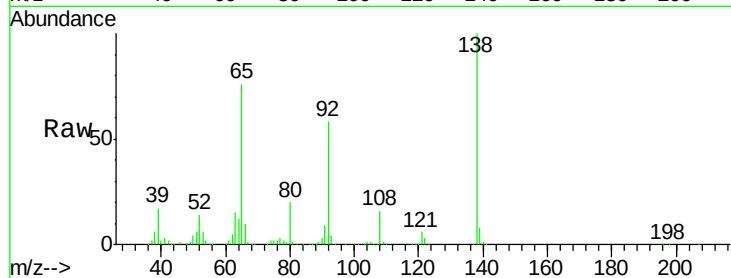
Tgt Ion: 65 Resp: 819776

Ion Ratio Lower Upper

65 100

92 76.3 56.3 84.5

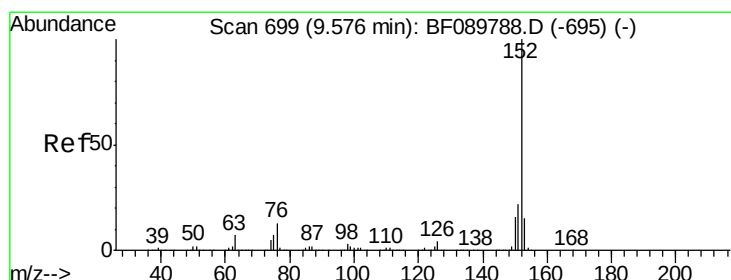
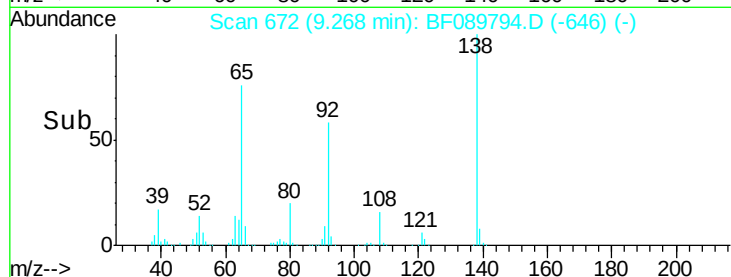
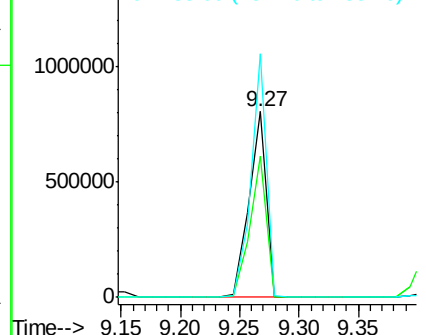
138 130.9 81.8 122.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 42.81 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

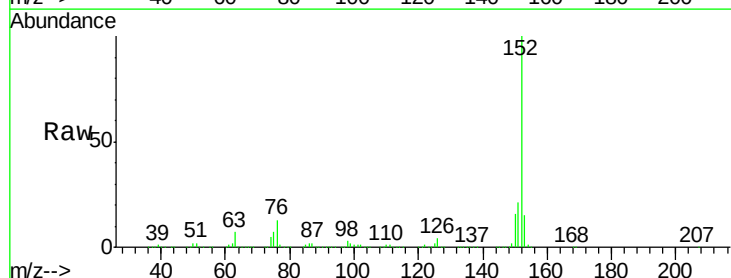
Tgt Ion: 152 Resp: 3876714

Ion Ratio Lower Upper

152 100

151 21.4 17.1 25.7

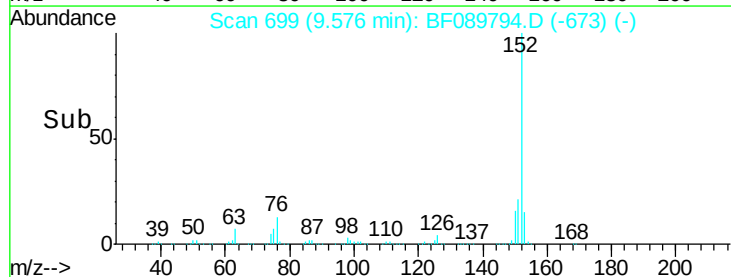
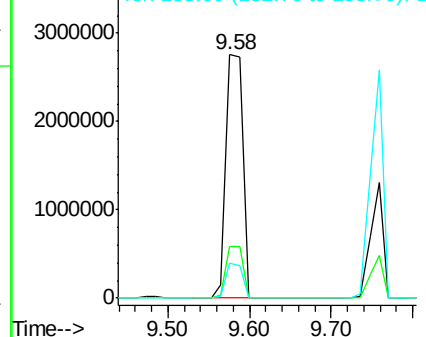
153 14.5 11.2 16.8

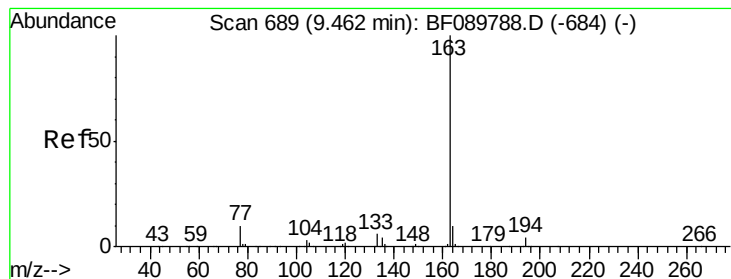


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 43.23 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

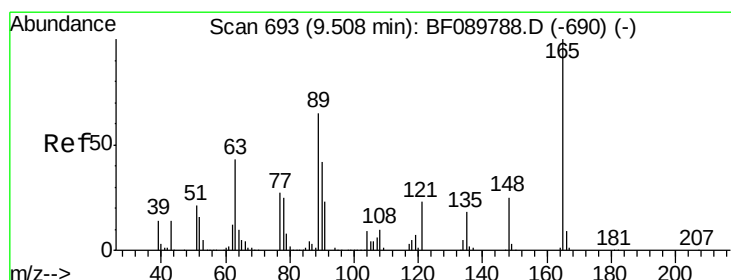
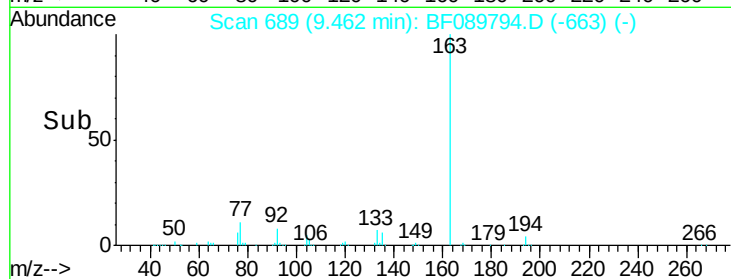
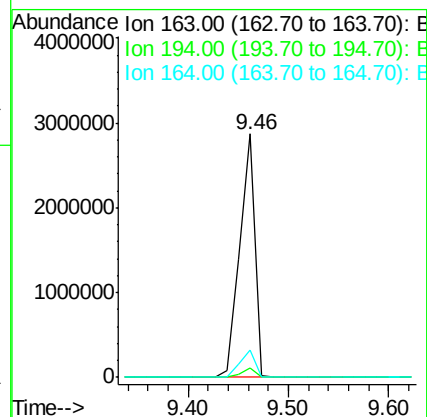
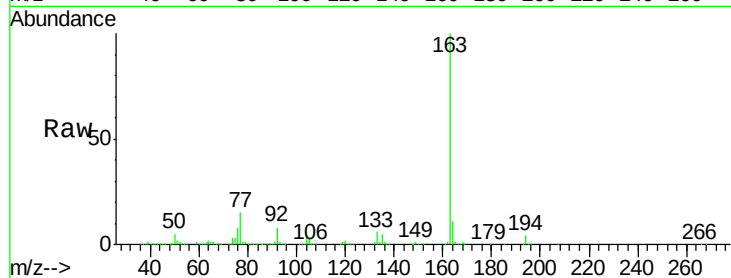
Tgt Ion:163 Resp: 2998564

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 11.0 8.6 12.8



#50

2,6-Dinitrotoluene

Concen: 38.58 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

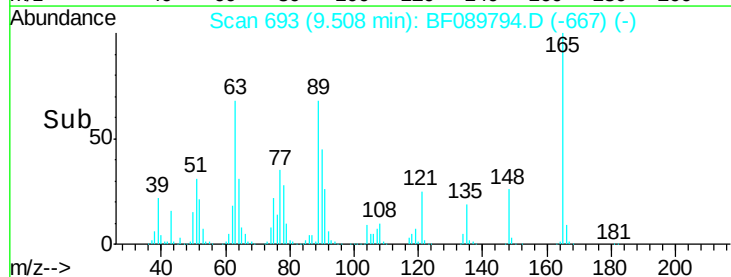
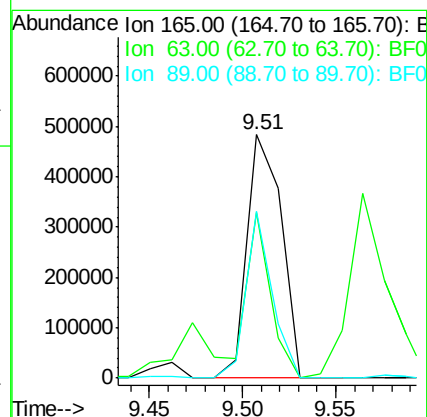
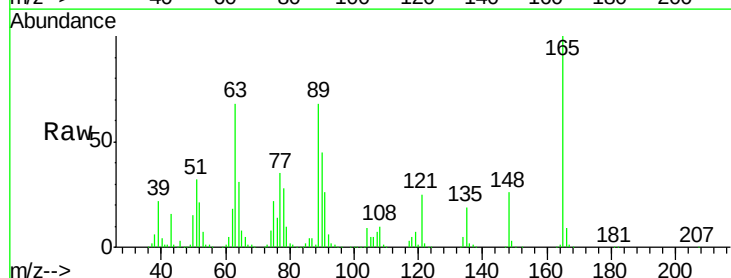
Tgt Ion:165 Resp: 617872

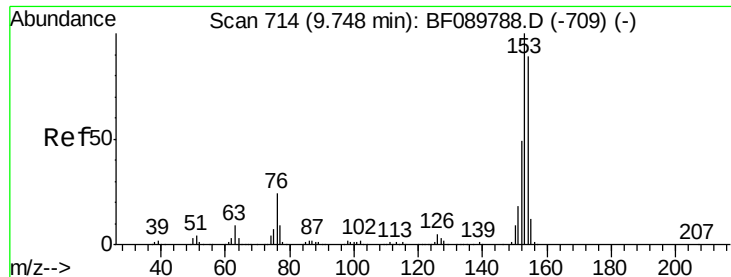
Ion Ratio Lower Upper

165 100

63 67.9 41.7 62.5#

89 68.3 44.6 67.0#

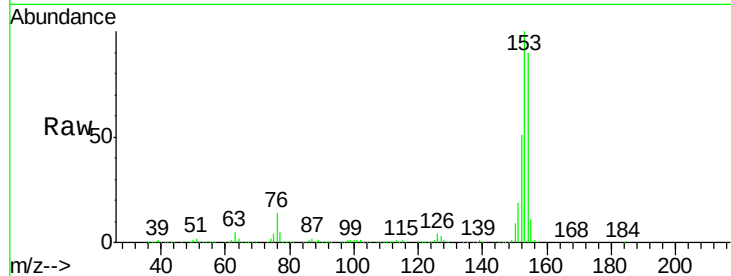




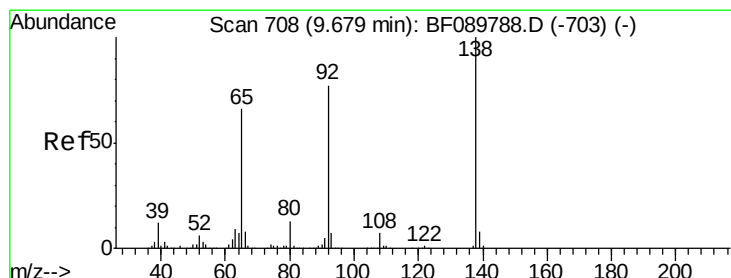
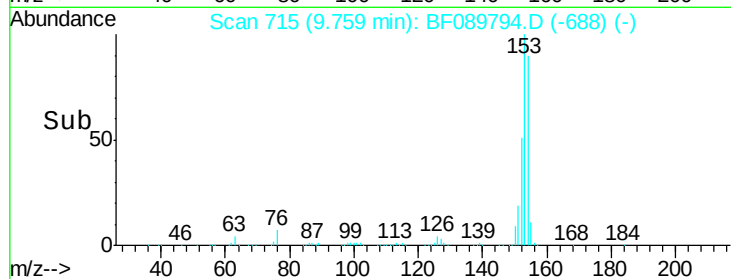
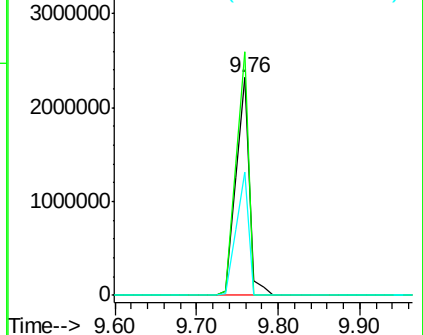
#51
Acenaphthene
Concen: 44.41 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:154 Resp: 2661568
Ion Ratio Lower Upper
154 100
153 111.7 90.5 135.7
152 56.5 44.6 67.0

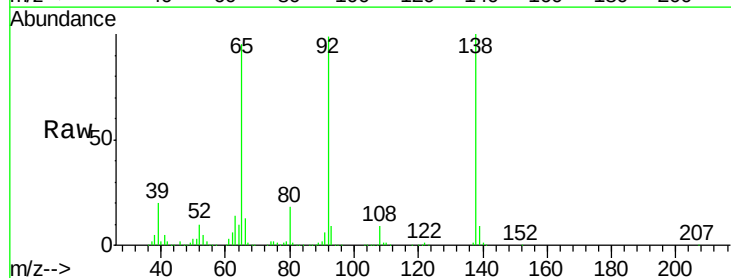


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

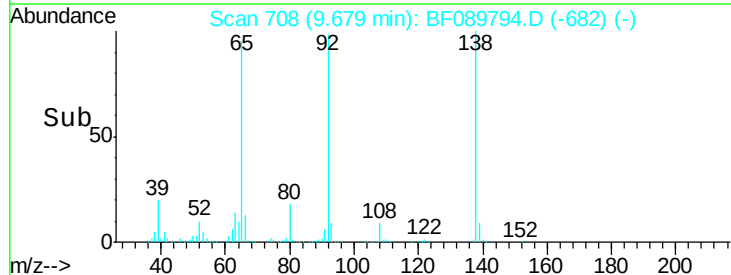
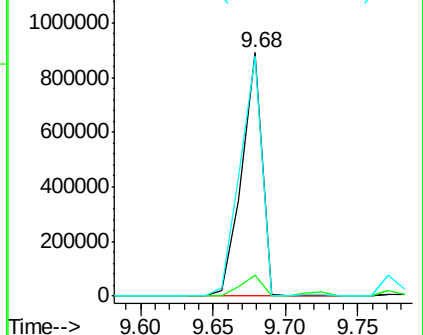


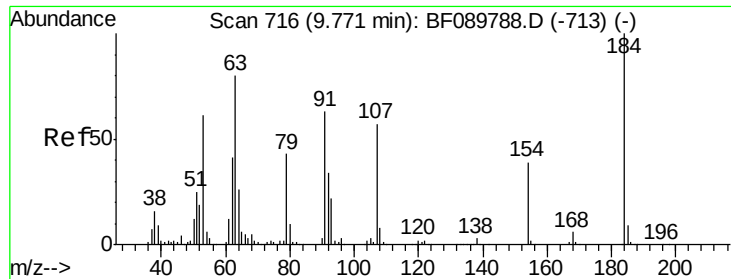
#52
3-Nitroaniline
Concen: 48.88 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion:138 Resp: 867379
Ion Ratio Lower Upper
138 100
108 8.7 8.1 12.1
92 98.6 92.7 139.1



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

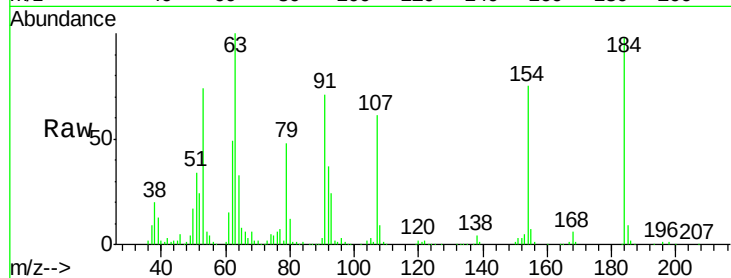




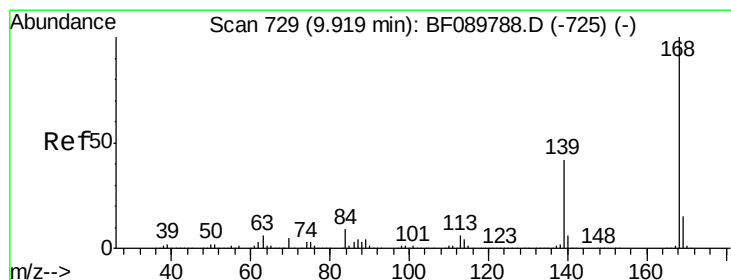
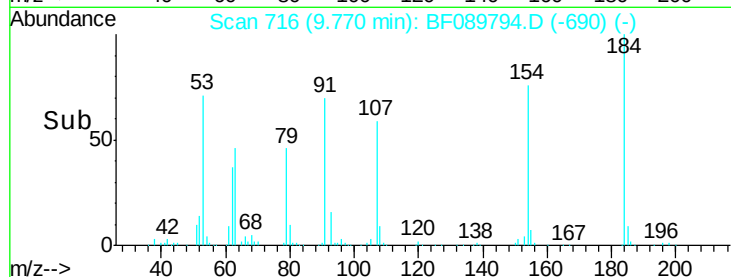
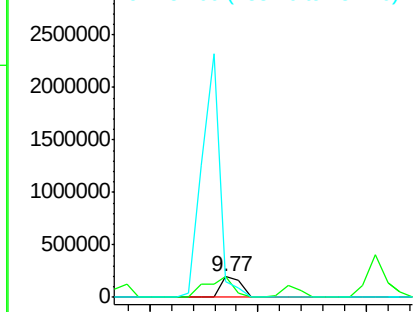
#53
2,4-Dinitrophenol
Concen: 37.00 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 262498
Ion Ratio Lower Upper
184 100
63 102.0 54.2 81.4#
154 76.1 52.7 79.1

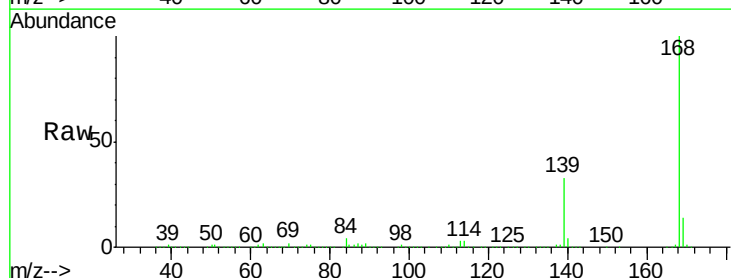


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

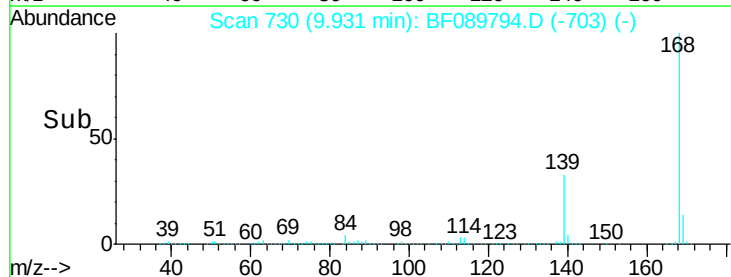
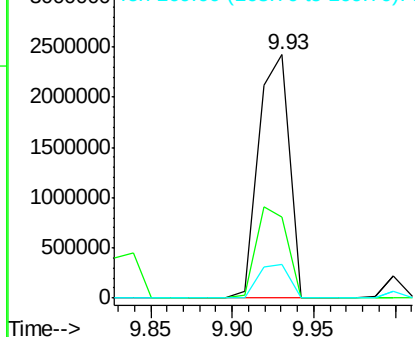


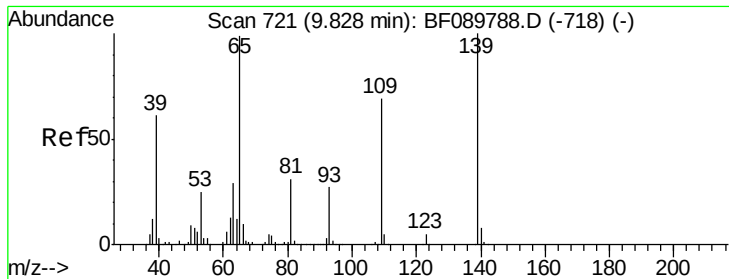
#54
Dibenzofuran
Concen: 42.02 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion:168 Resp: 3163490
Ion Ratio Lower Upper
168 100
139 33.0 34.6 52.0#
169 13.6 11.5 17.3



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





#55

4-Nitrophenol

Concen: 42.08 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

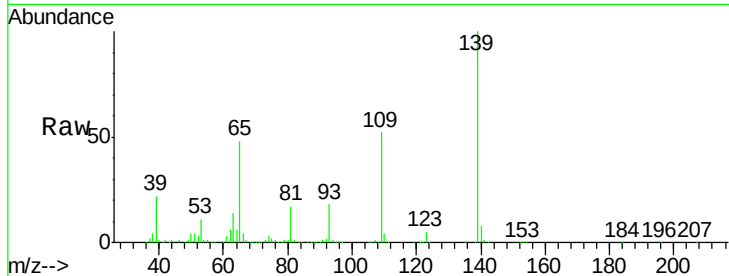
Tgt Ion:139 Resp: 609493

Ion Ratio Lower Upper

139 100

109 51.8 43.0 83.0

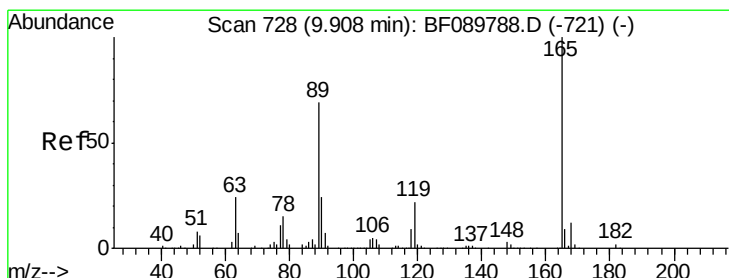
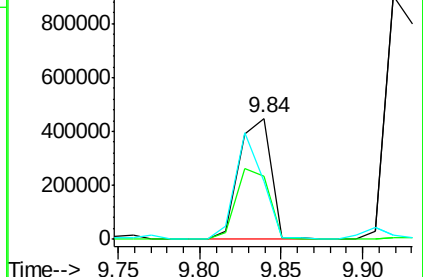
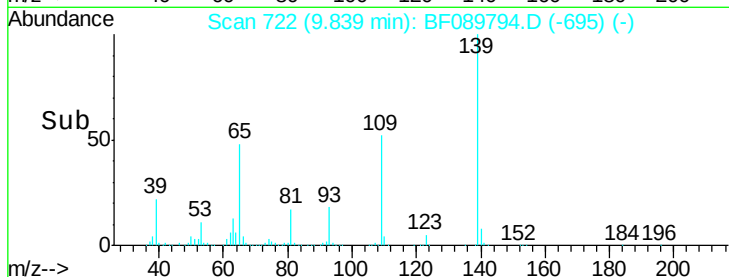
65 47.7 55.7 95.7#



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: 37.44 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Tgt Ion:165 Resp: 777985

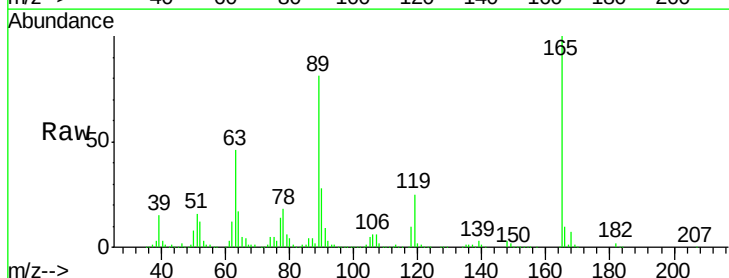
Ion Ratio Lower Upper

165 100

63 46.4 23.7 35.5#

89 80.8 44.0 66.0#

182 1.9 2.0 3.0#

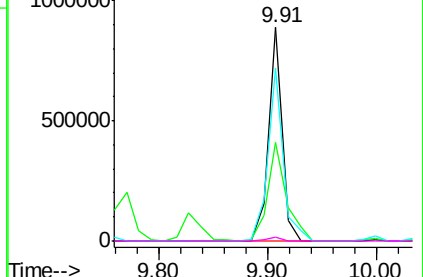
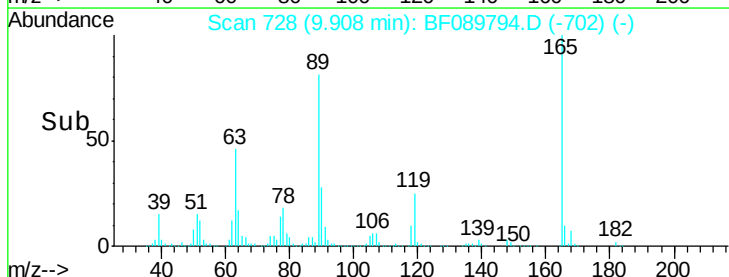


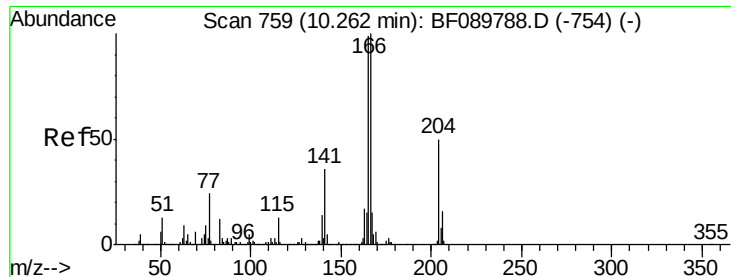
Abundance Ion 165.00 (164.70 to 165.70): E

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

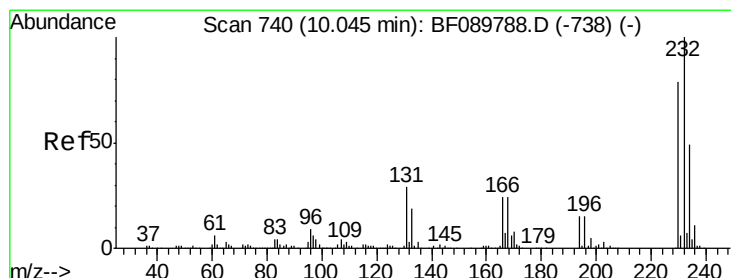
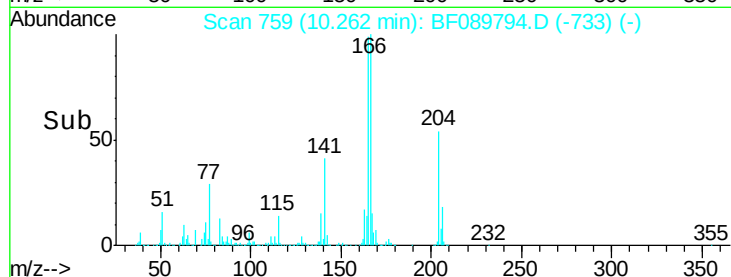
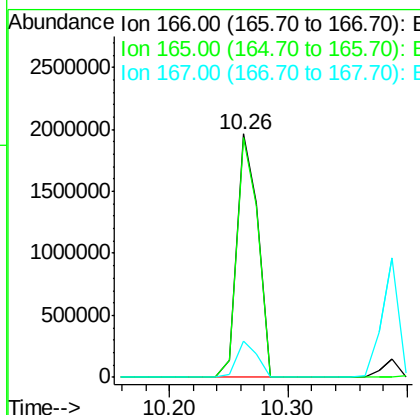
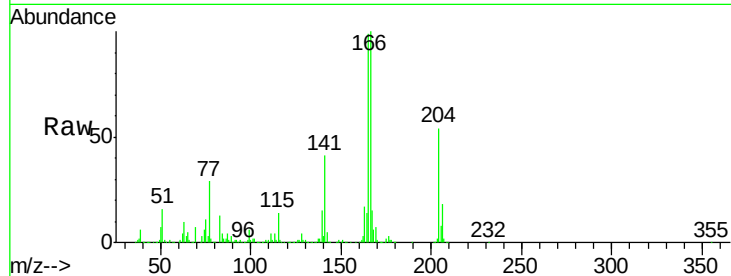




#57
 Fluorene
 Concen: 40.28 ng
 RT: 10.26 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

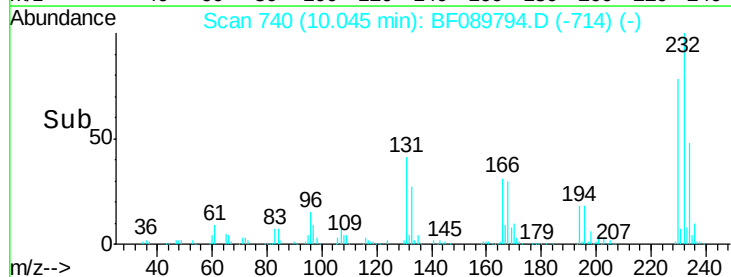
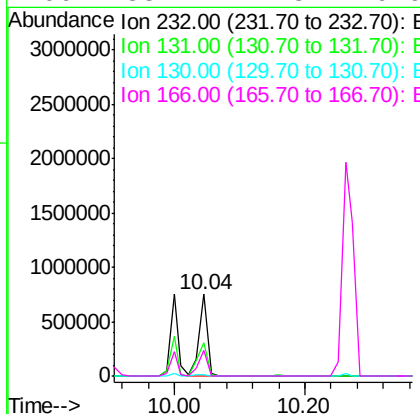
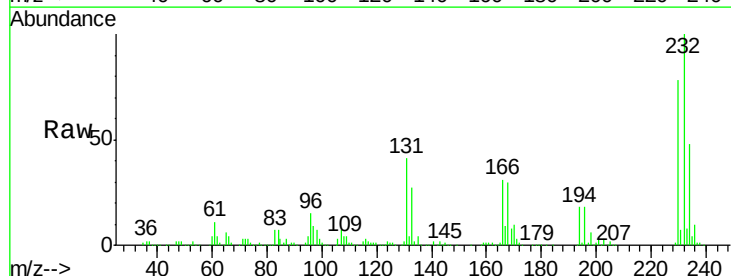
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

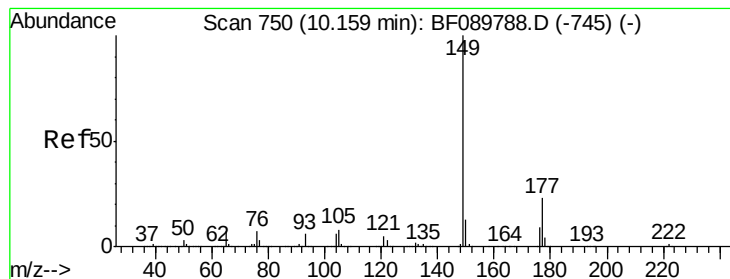
Tgt Ion:166 Resp: 2416308
 Ion Ratio Lower Upper
 166 100
 165 98.6 80.2 120.4
 167 14.9 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.49 ng
 RT: 10.04 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:232 Resp: 646439
 Ion Ratio Lower Upper
 232 100
 131 49.1 42.5 63.7
 130 2.5 2.2 3.4
 166 33.7 27.3 40.9





#59

Diethylphthalate

Concen: 41.48 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

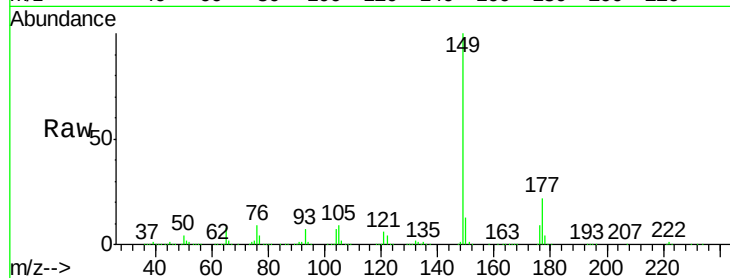
Tgt Ion:149 Resp: 2923238

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

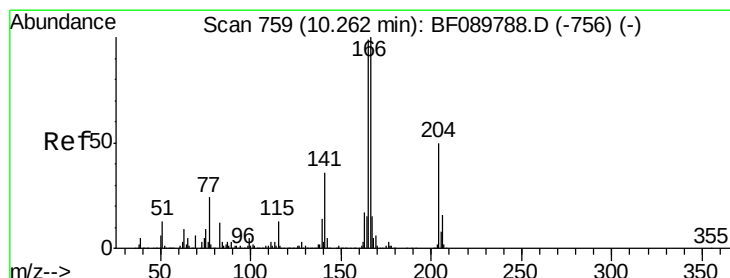
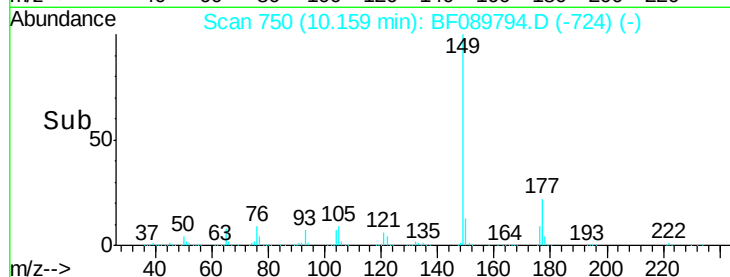
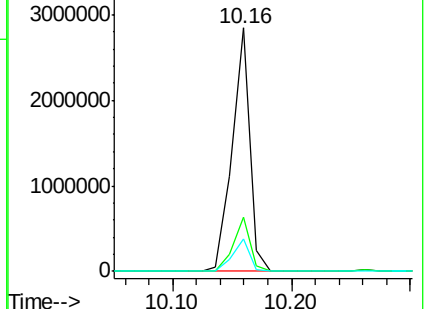
150 13.3 10.5 15.7



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: 39.34 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

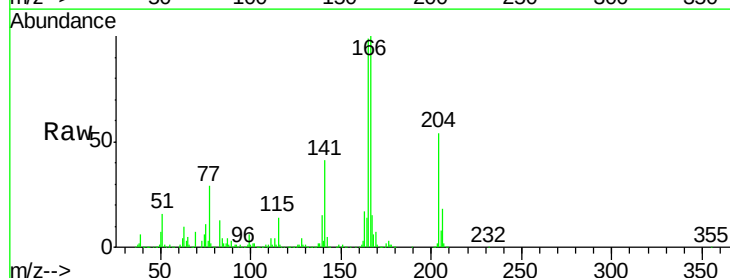
Tgt Ion:204 Resp: 1076503

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

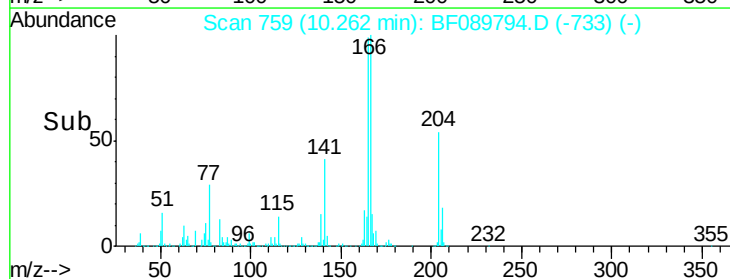
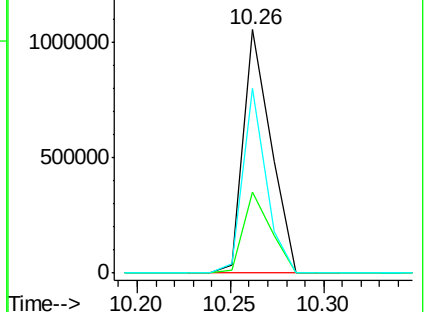
141 75.9 54.1 81.1

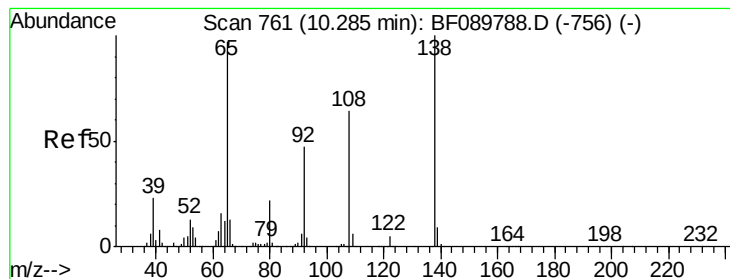


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

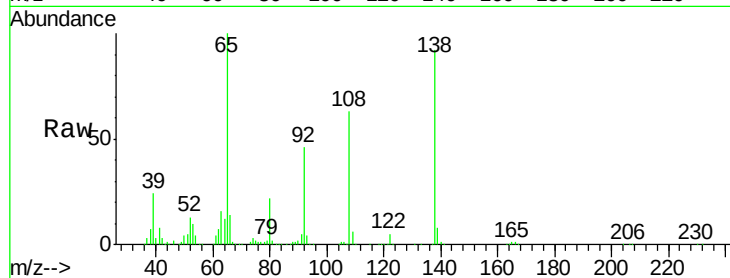




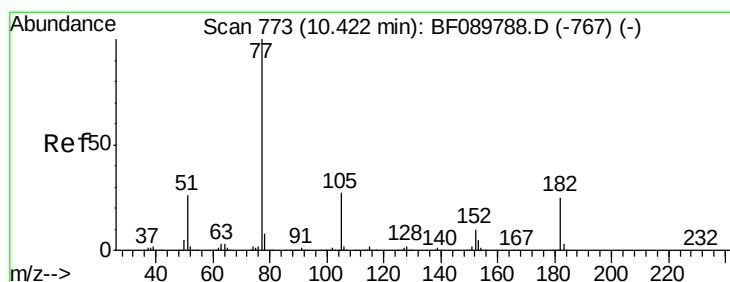
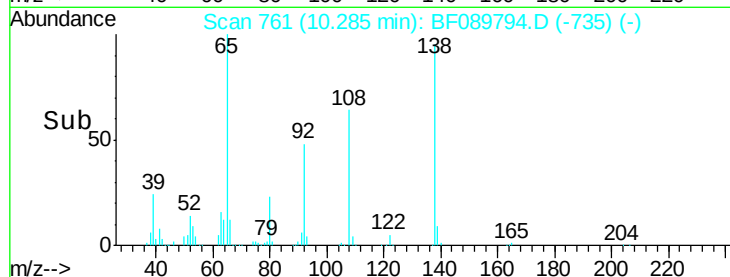
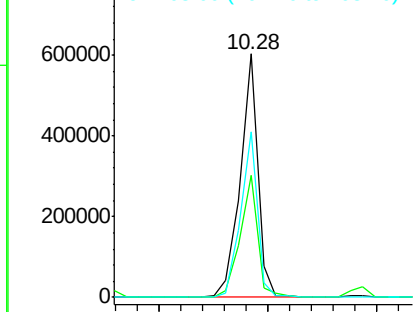
#61
4-Nitroaniline
Concen: 40.30 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 138 Resp: 670481
Ion Ratio Lower Upper
138 100
92 50.1 26.4 66.4
108 67.7 47.0 87.0

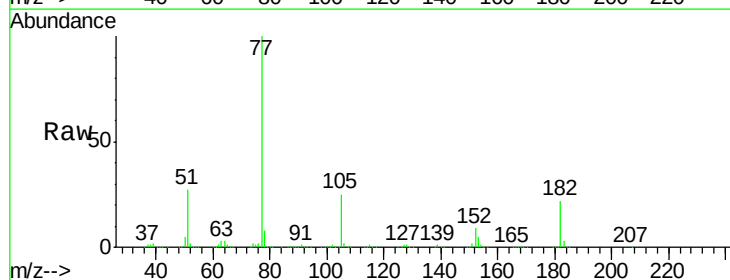


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

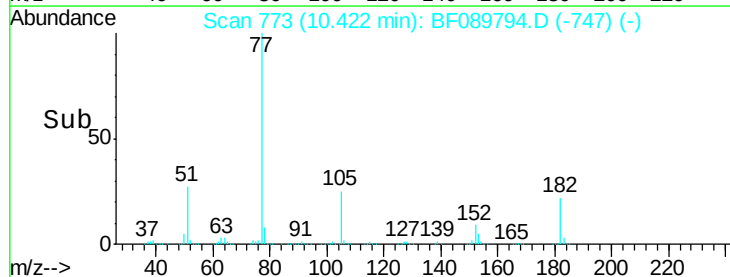
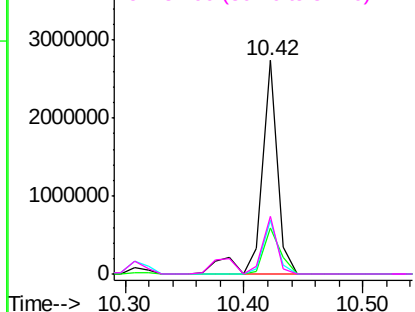


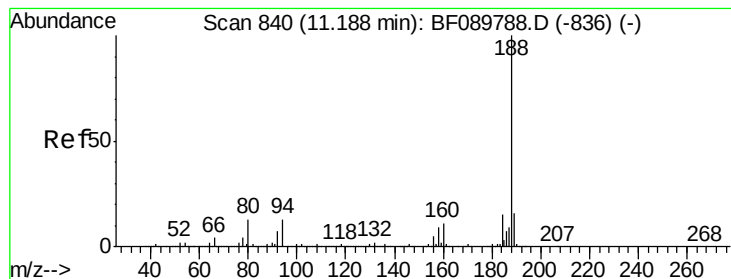
#62
Azobenzene
Concen: 39.50 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion: 77 Resp: 2616819
Ion Ratio Lower Upper
77 100
182 21.7 5.6 45.6
105 25.4 4.0 44.0
51 26.8 7.8 47.8



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: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

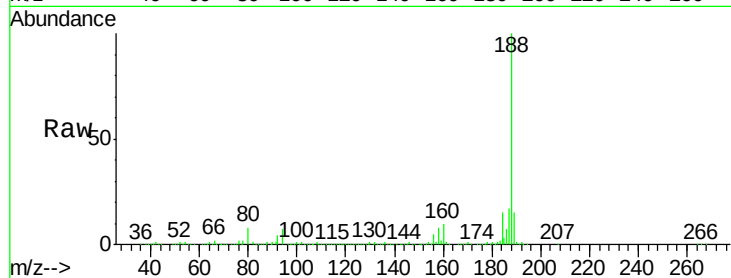
Tgt Ion:188 Resp: 1736910

Ion Ratio Lower Upper

188 100

94 7.5 10.2 15.2#

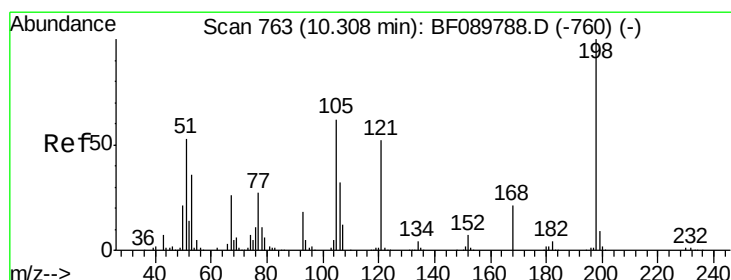
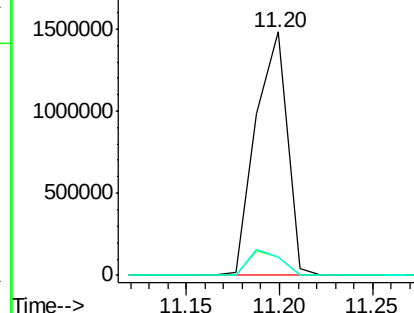
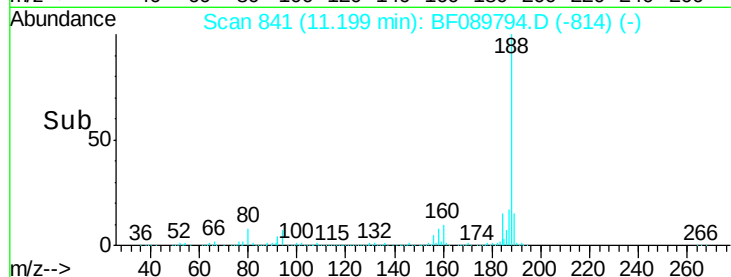
80 7.5 10.9 16.3#



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: 41.76 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

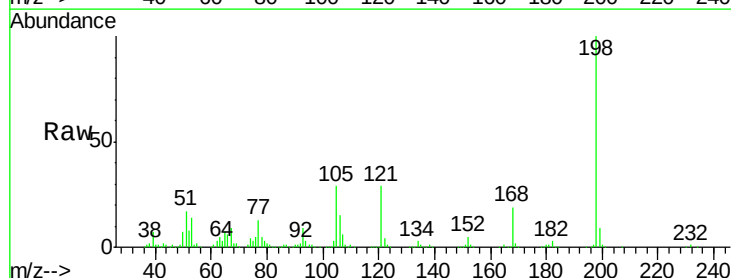
Tgt Ion:198 Resp: 416822

Ion Ratio Lower Upper

198 100

51 17.4 32.3 72.3#

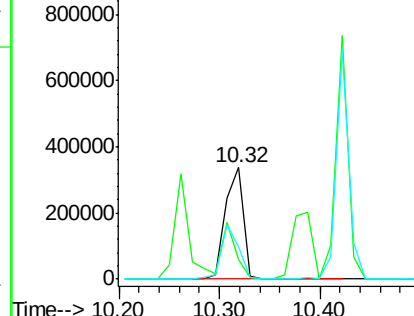
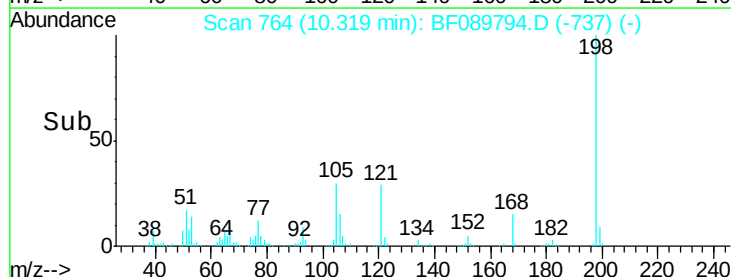
105 29.4 32.9 72.9#

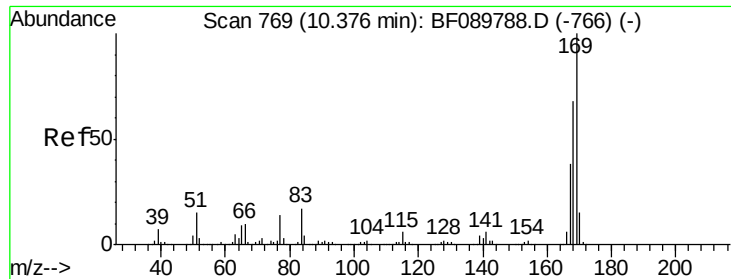


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.12 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

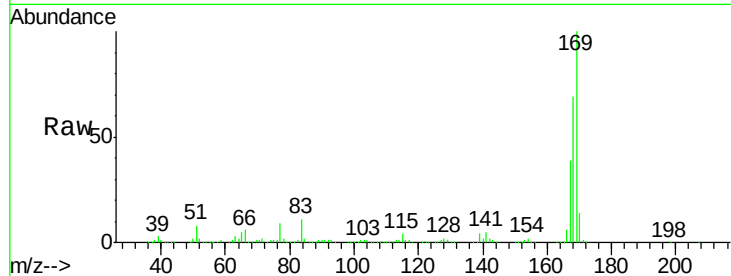
Tgt Ion:169 Resp: 2409724

Ion Ratio Lower Upper

169 100

168 69.2 54.6 82.0

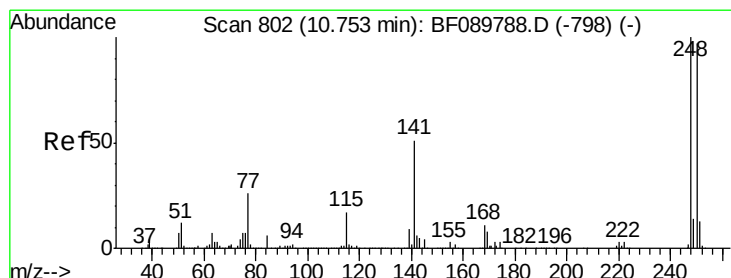
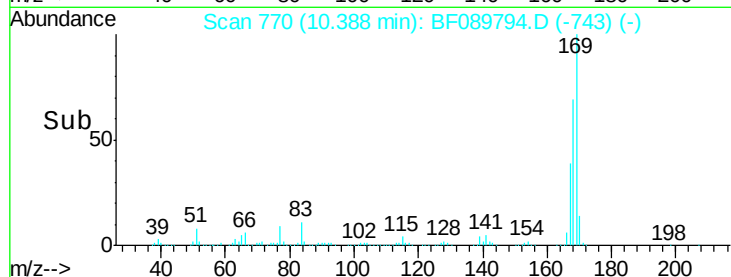
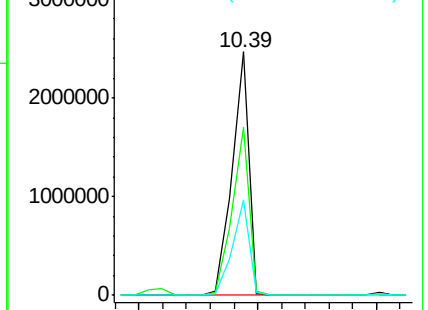
167 39.1 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.49 ng

RT: 10.75 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

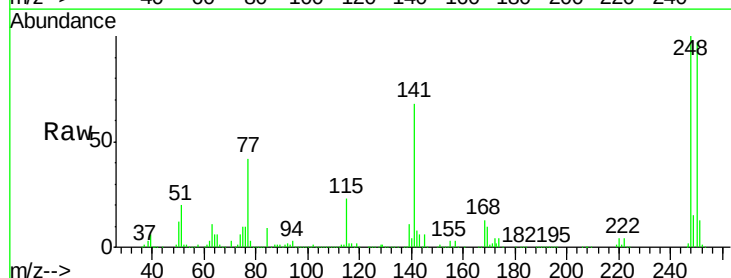
Tgt Ion:248 Resp: 773840

Ion Ratio Lower Upper

248 100

250 96.7 78.6 117.8

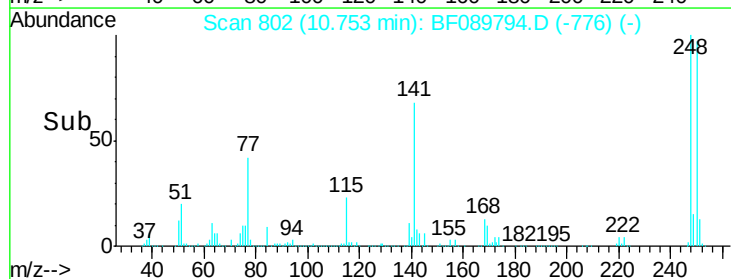
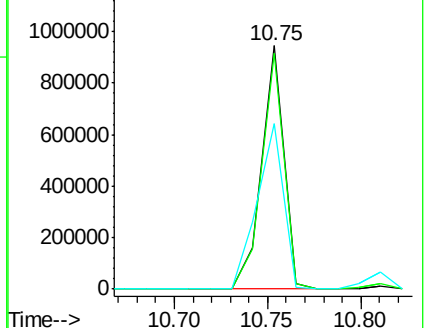
141 68.0 31.4 47.2#

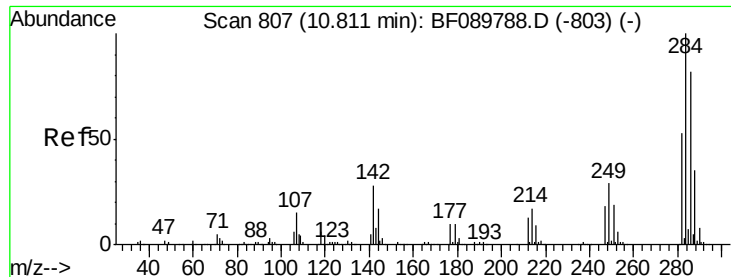


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.16 ng

RT: 10.81 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

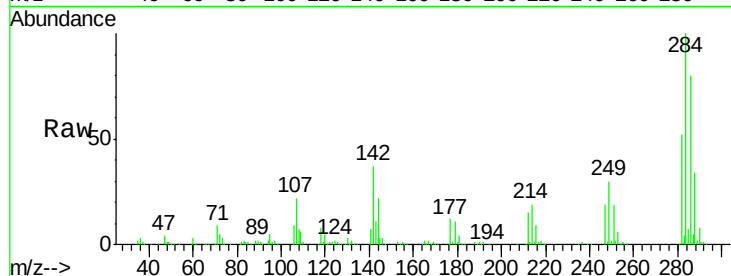
Tgt Ion:284 Resp: 813517

Ion Ratio Lower Upper

284 100

142 37.4 17.4 26.2#

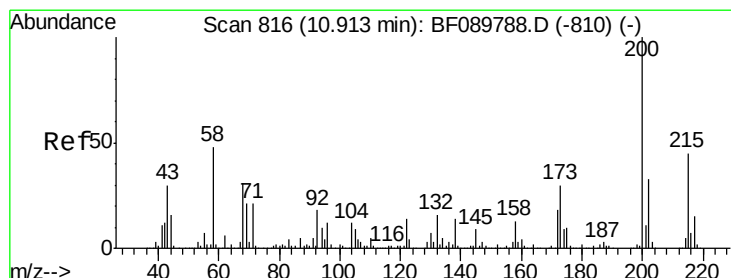
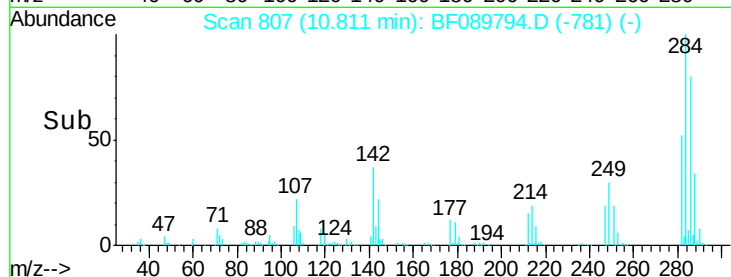
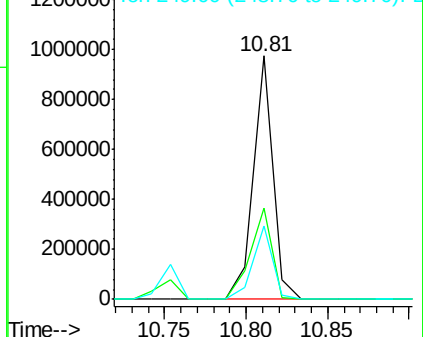
249 30.3 22.8 34.2



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: 36.28 ng

RT: 10.91 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

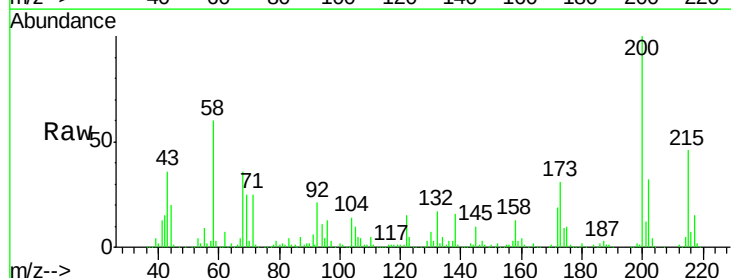
Tgt Ion:200 Resp: 606838

Ion Ratio Lower Upper

200 100

173 31.1 6.6 46.6

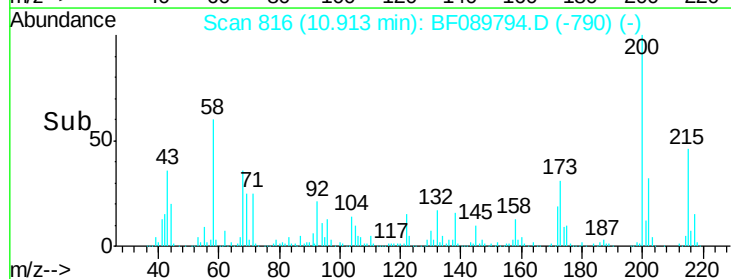
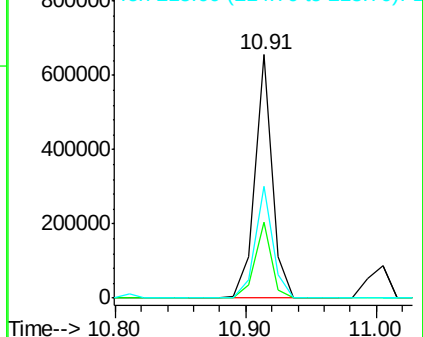
215 45.9 24.7 64.7

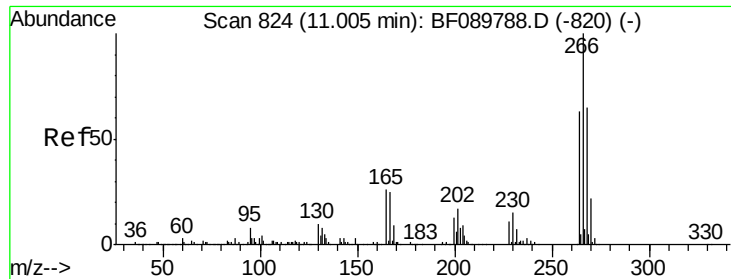


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

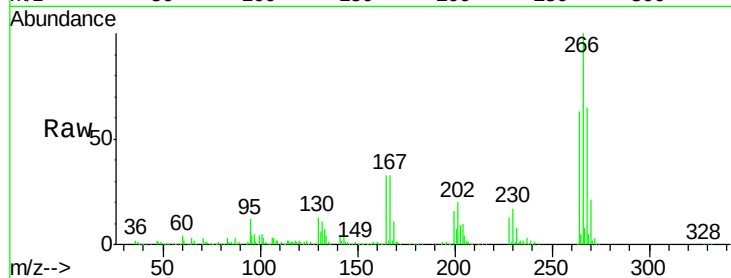




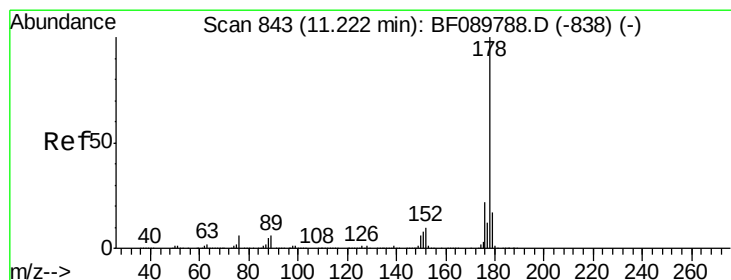
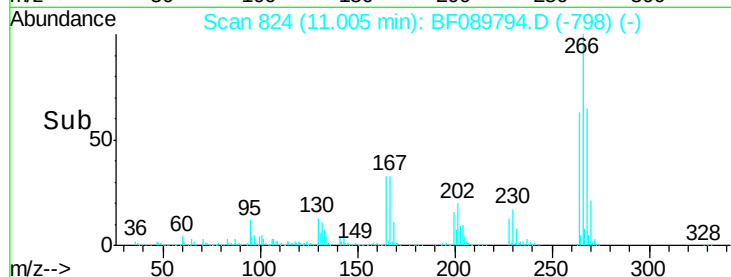
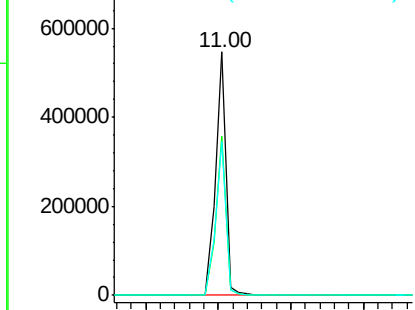
#69
 Pentachlorophenol
 Concen: 45.79 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 539226
 Ion Ratio Lower Upper
 266 100
 268 65.1 53.2 79.8
 264 63.5 51.1 76.7

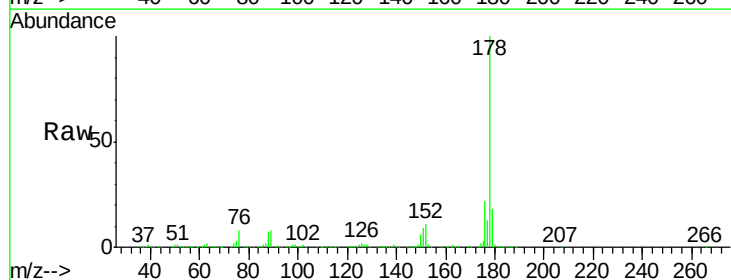


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

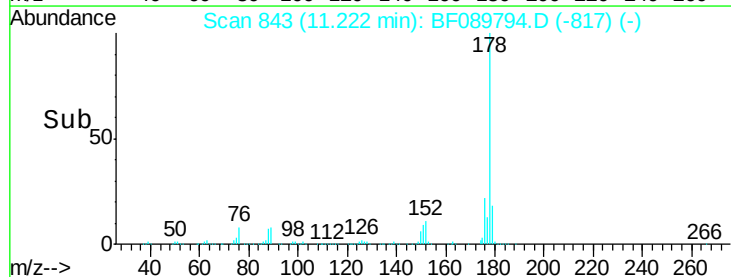
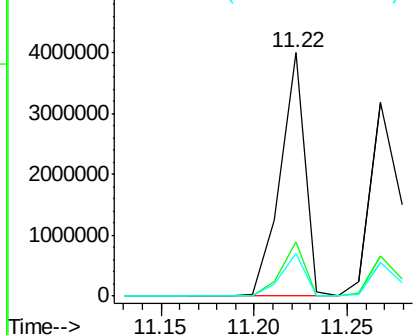


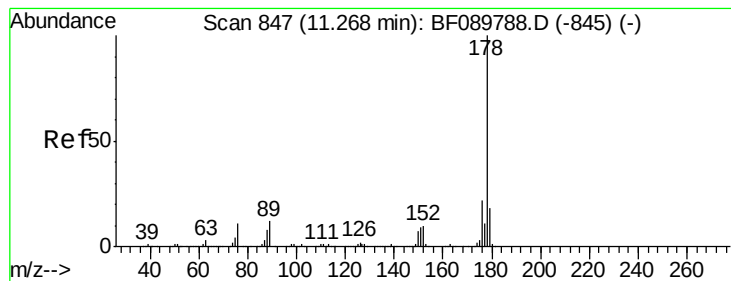
#70
 Phenanthrene
 Concen: 41.81 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:178 Resp: 3667737
 Ion Ratio Lower Upper
 178 100
 176 22.4 16.4 24.6
 179 17.6 12.5 18.7



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





#71

Anthracene

Concen: 38.04 ng

RT: 11.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

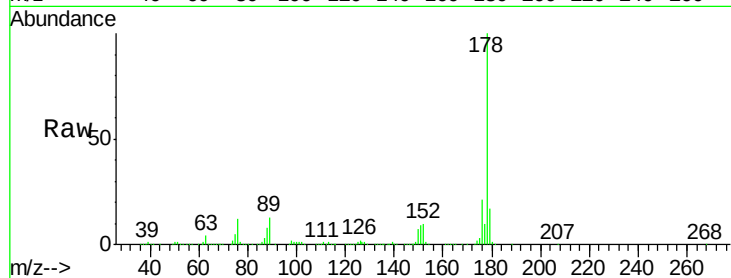
Tgt Ion:178 Resp: 3392655

Ion Ratio Lower Upper

178 100

176 21.0 16.4 24.6

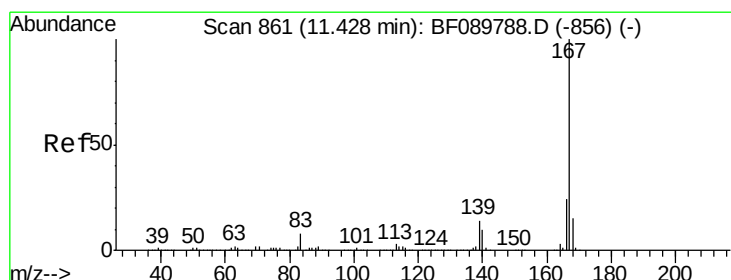
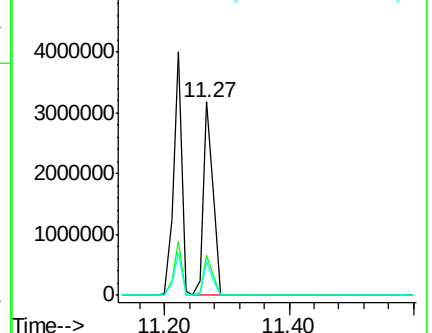
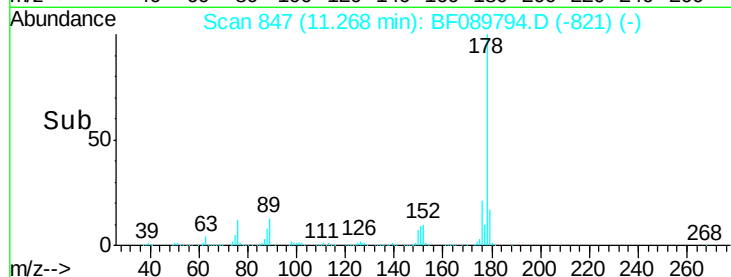
179 17.2 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.14 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

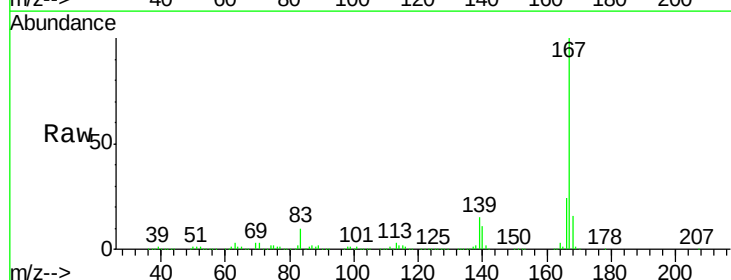
Tgt Ion:167 Resp: 3290645

Ion Ratio Lower Upper

167 100

166 24.2 17.9 26.9

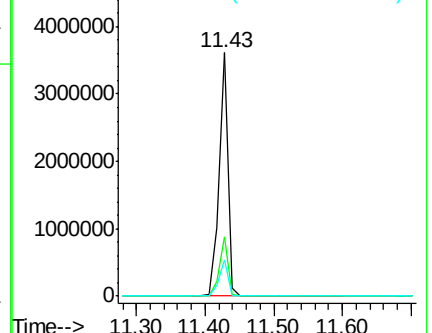
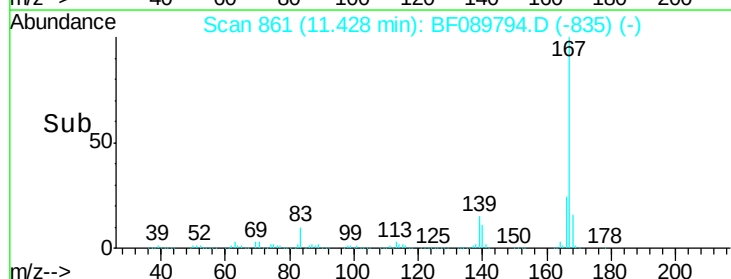
139 14.7 12.4 18.6

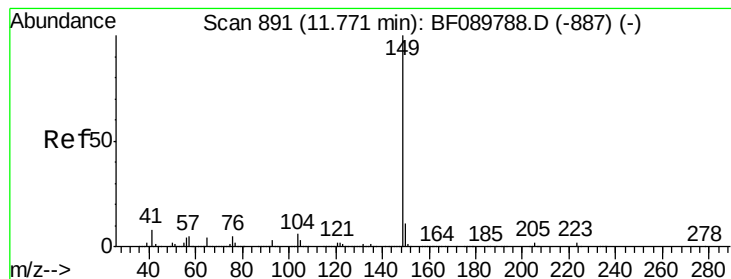


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.53 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

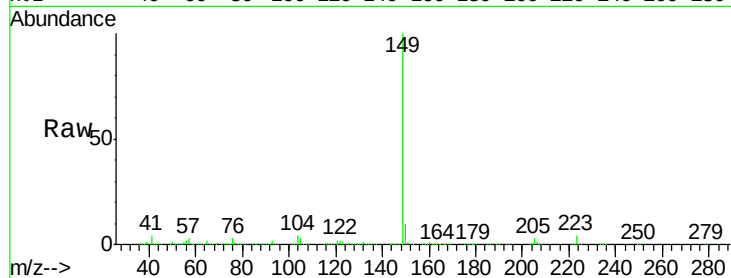
Tgt Ion:149 Resp: 4355678

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

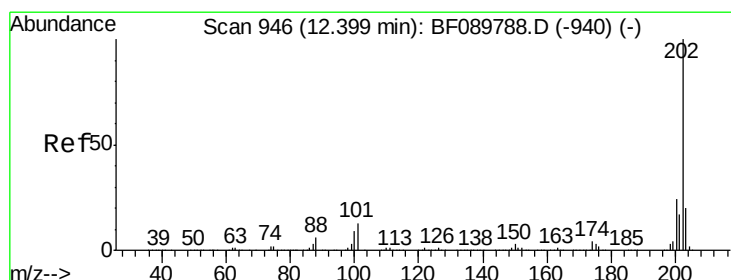
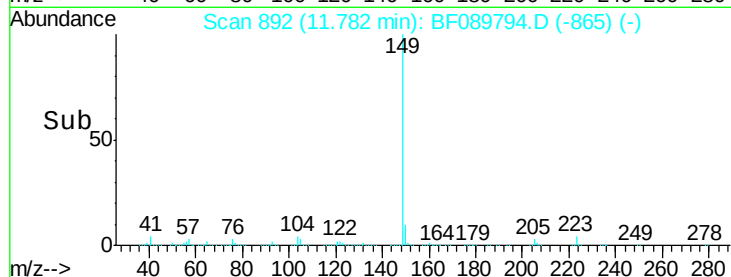
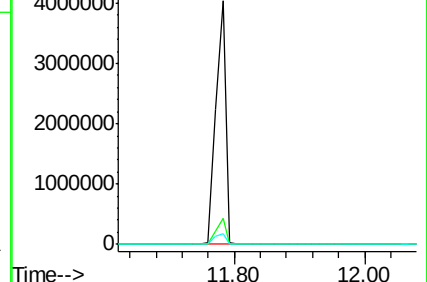
104 4.3 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.09 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

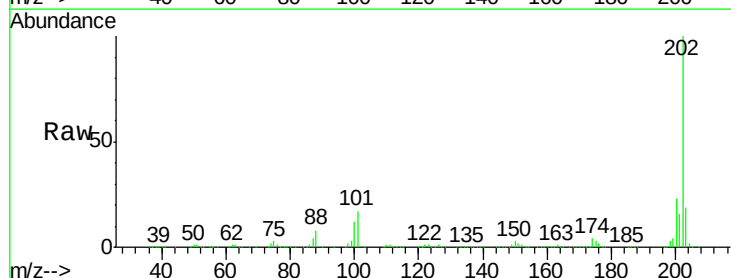
Tgt Ion:202 Resp: 3261666

Ion Ratio Lower Upper

202 100

101 16.7 0.0 31.2

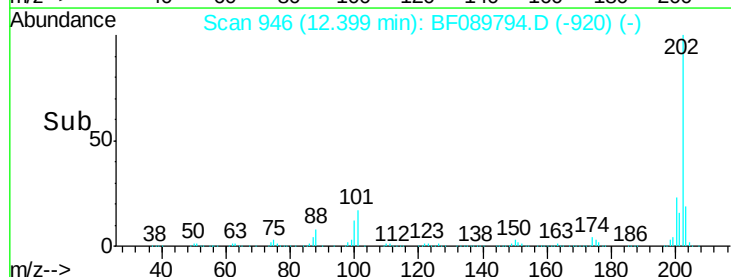
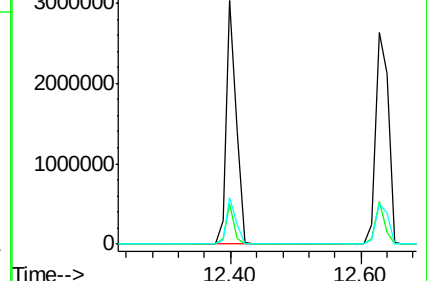
203 19.3 0.0 38.1

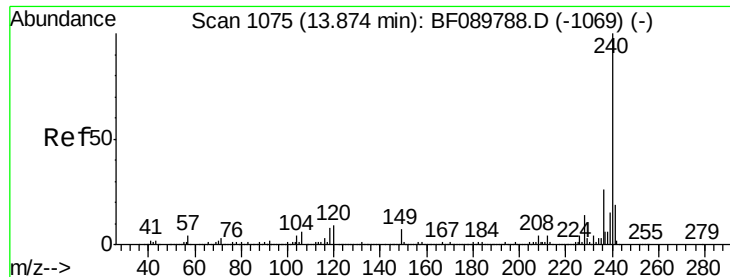


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.02 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

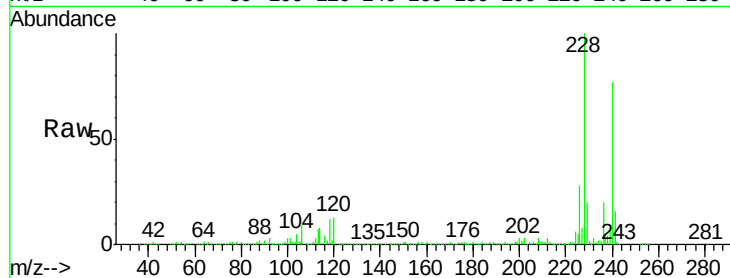
Tgt Ion:240 Resp: 1073232

Ion Ratio Lower Upper

240 100

120 17.4 8.3 12.5#

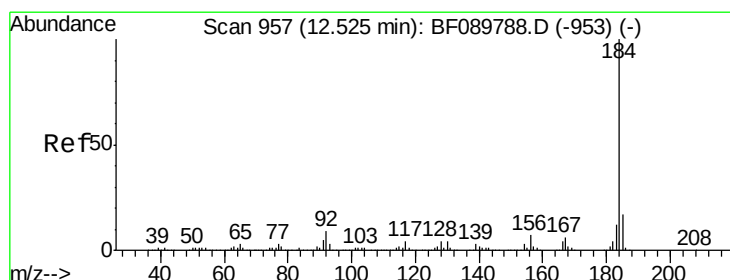
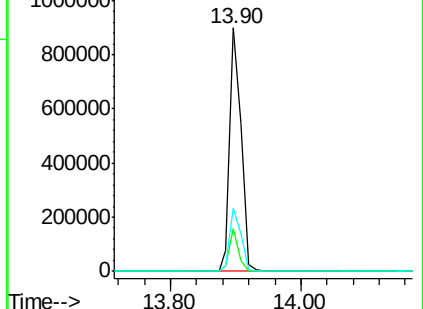
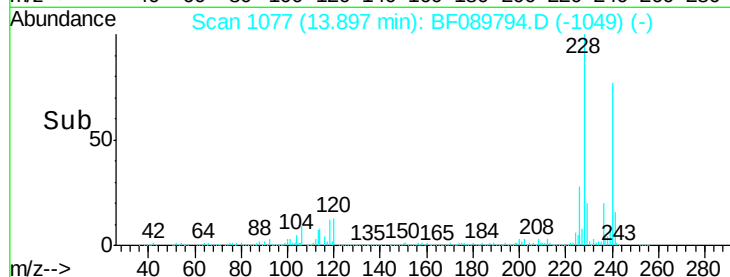
236 26.0 21.3 31.9



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: 46.63 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

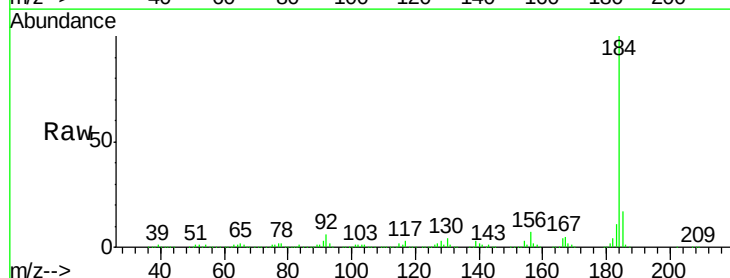
Tgt Ion:184 Resp: 1619550

Ion Ratio Lower Upper

184 100

185 17.4 13.8 20.8

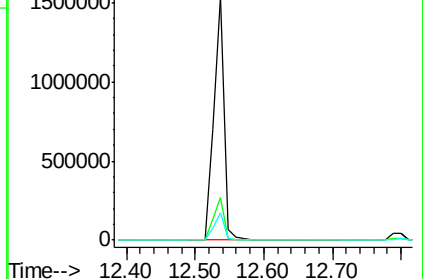
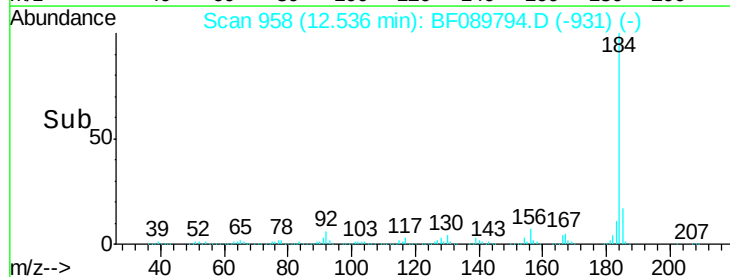
183 11.5 9.7 14.5

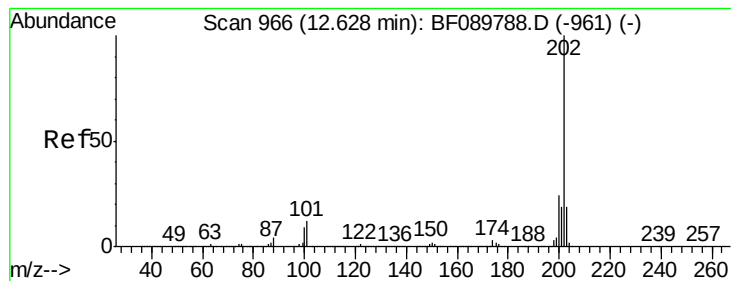


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.47 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

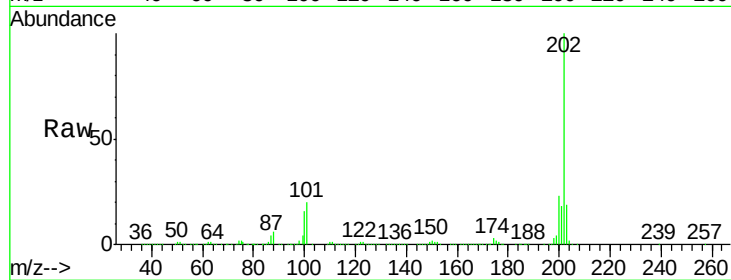
Tgt Ion:202 Resp: 3449916

Ion Ratio Lower Upper

202 100

200 22.7 17.8 26.6

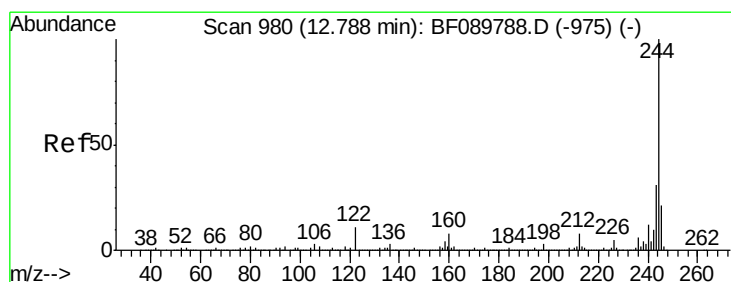
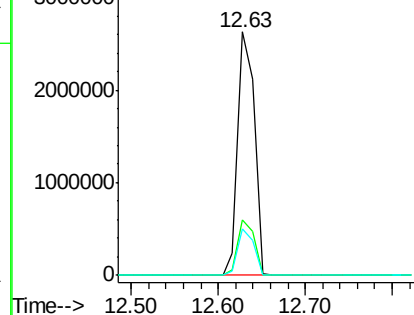
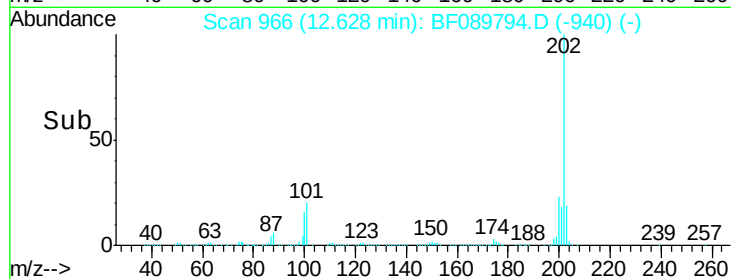
203 19.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.51 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.01 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

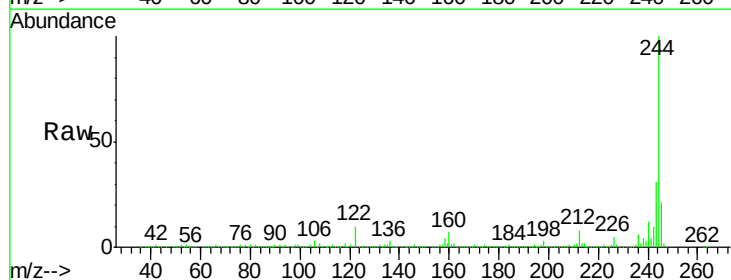
Tgt Ion:244 Resp: 3866998

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

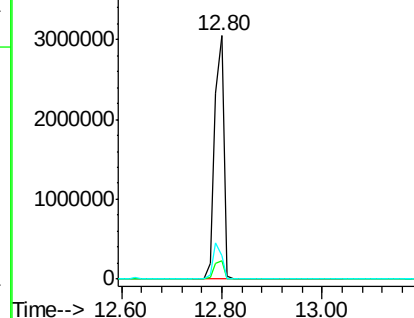
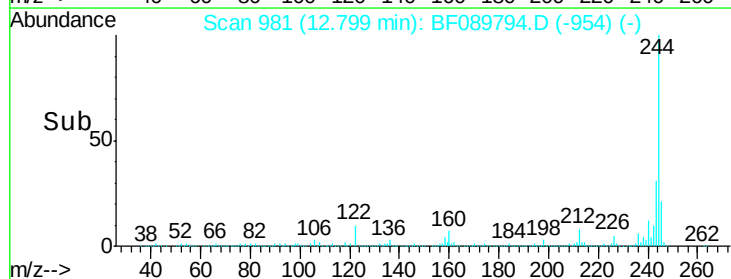
122 9.8 12.0 18.0#

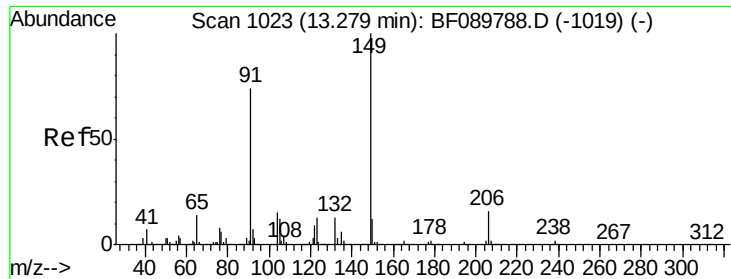


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

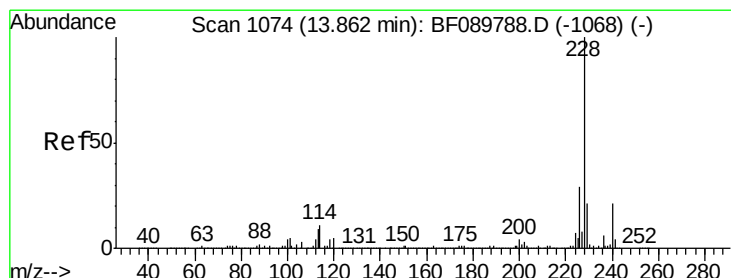
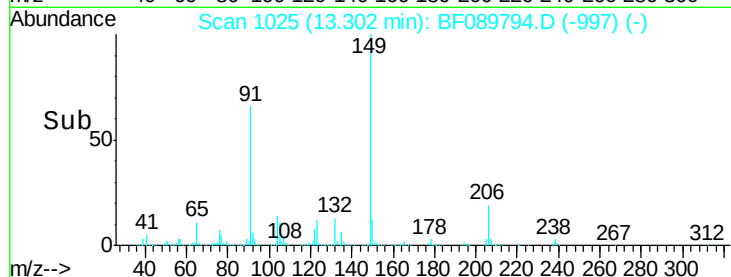
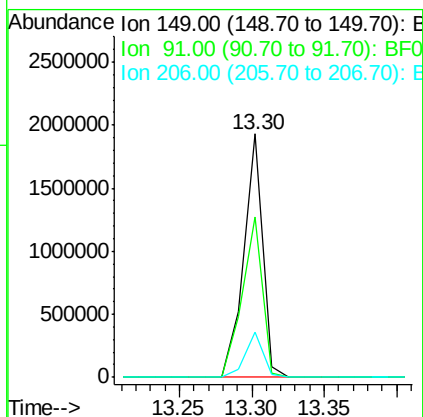
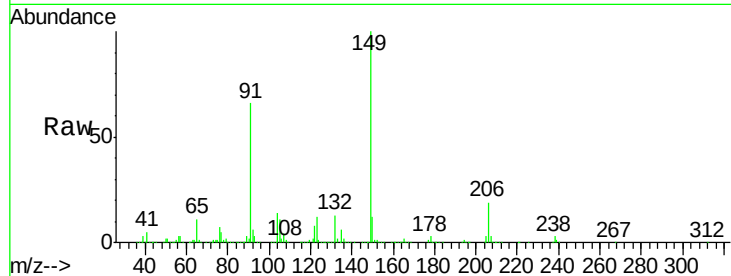




#79
Butylbenzylphthalate
Concen: 44.31 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.02 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

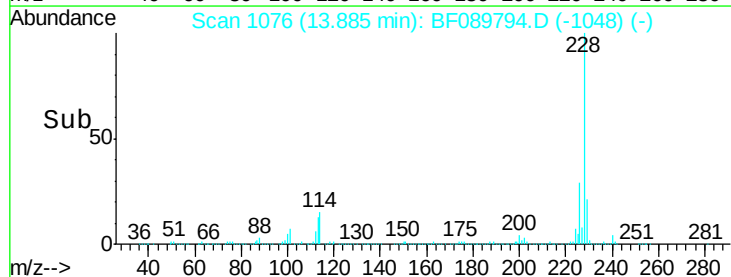
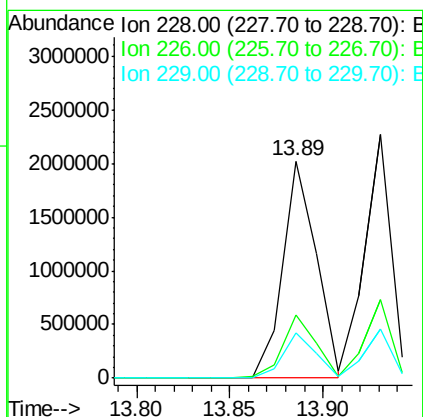
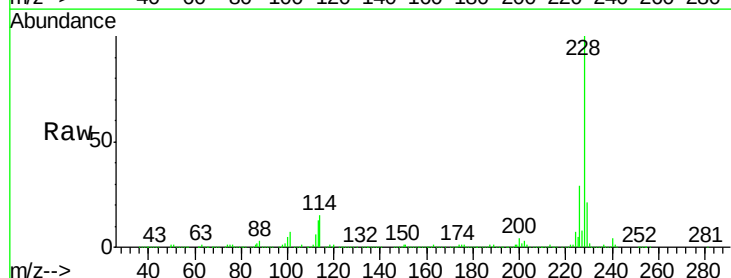
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

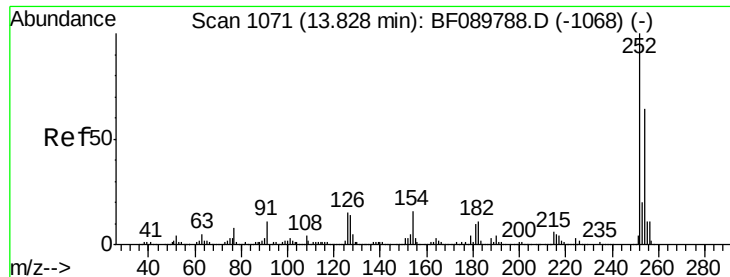
Tgt Ion:149 Resp: 1749082
Ion Ratio Lower Upper
149 100
91 65.7 50.7 76.1
206 18.7 15.5 23.3



#80
Benzo(a)anthracene
Concen: 41.33 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.02 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion:228 Resp: 2540360
Ion Ratio Lower Upper
228 100
226 29.3 23.2 34.8
229 21.1 16.2 24.4

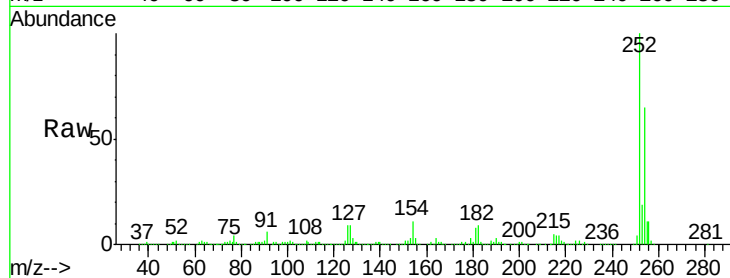




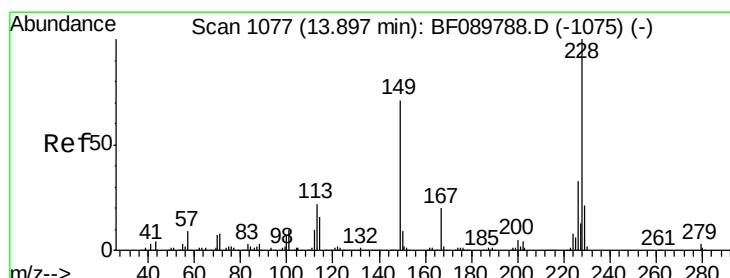
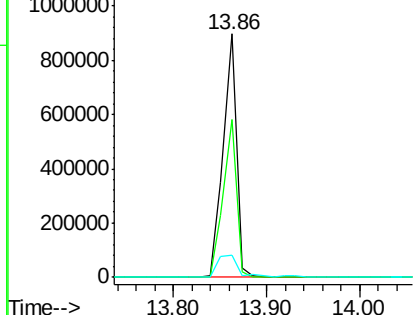
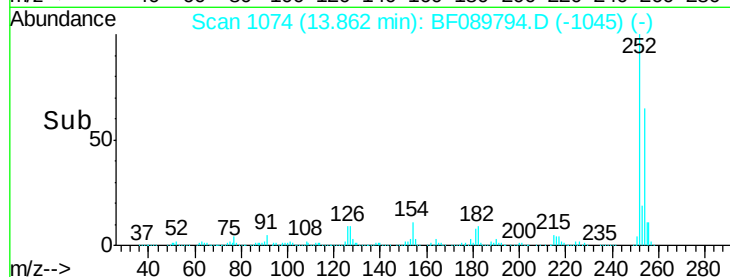
#81
 3,3'-Dichlorobenzidine
 Concen: 44.49 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. 0.03 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.6	75.8
126	9.2	12.6	18.8#

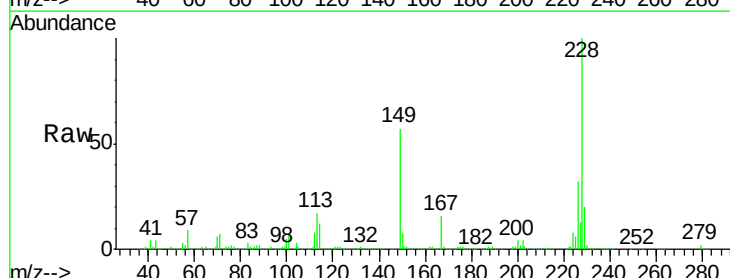


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

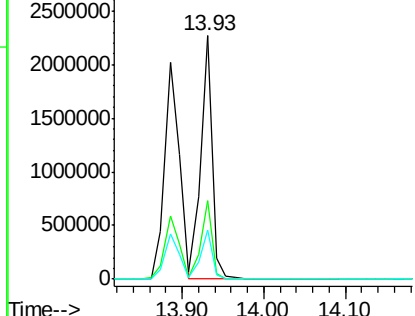
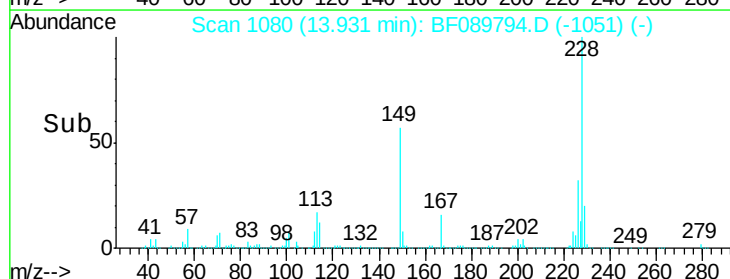


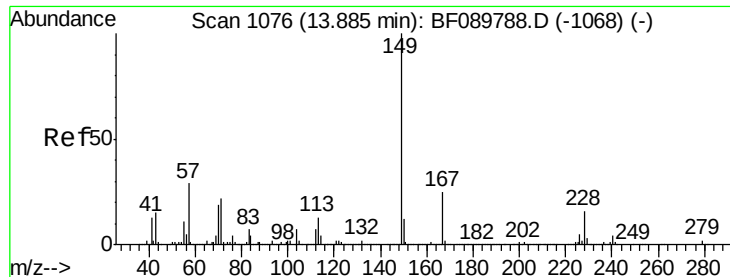
#82
 Chrysene
 Concen: 42.73 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. 0.03 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.0
229	20.4	16.5	24.7



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: 41.83 ng

RT: 13.92 min Scan# 1079

Delta R.T. 0.03 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

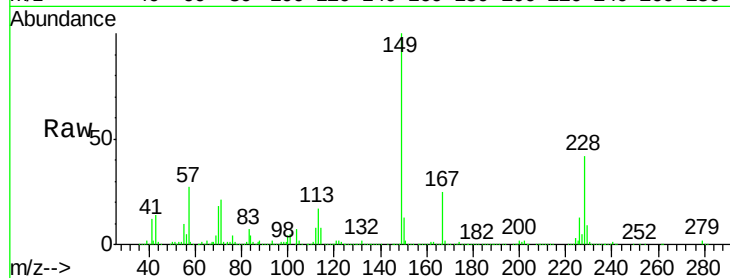
Tgt Ion:149 Resp: 2274178

Ion Ratio Lower Upper

149 100

167 25.4 21.2 31.8

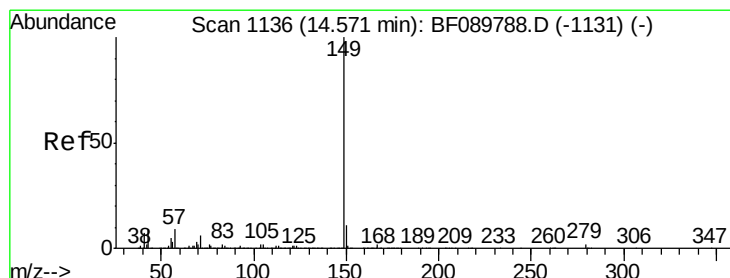
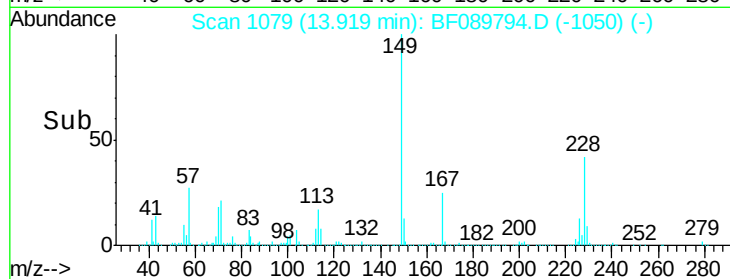
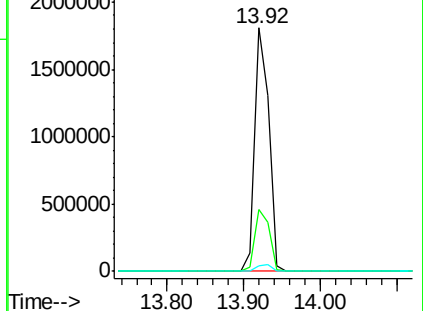
279 2.1 2.9 4.3#



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: 44.42 ng

RT: 14.63 min Scan# 1141

Delta R.T. 0.06 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

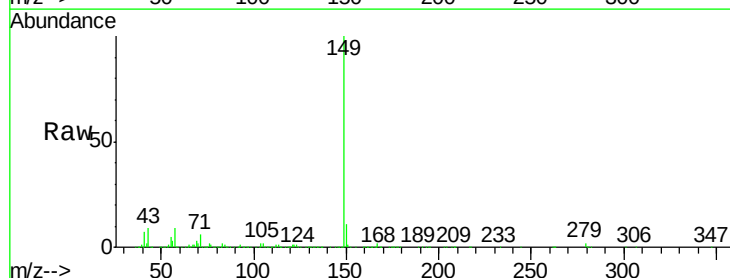
Tgt Ion:149 Resp: 3209280

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

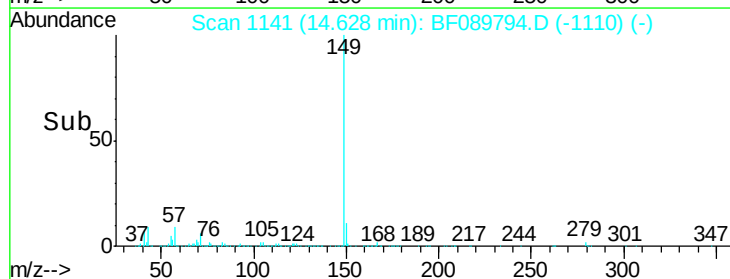
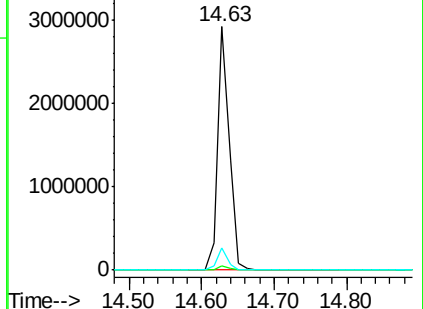
43 8.6 8.4 12.6

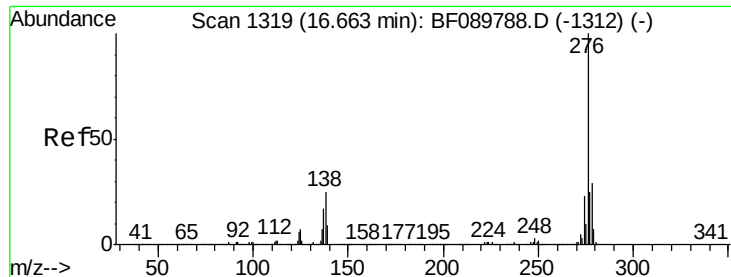


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

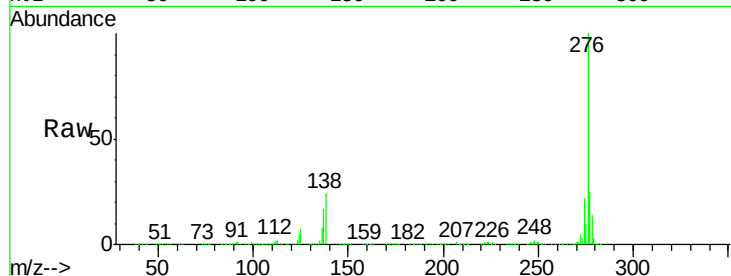




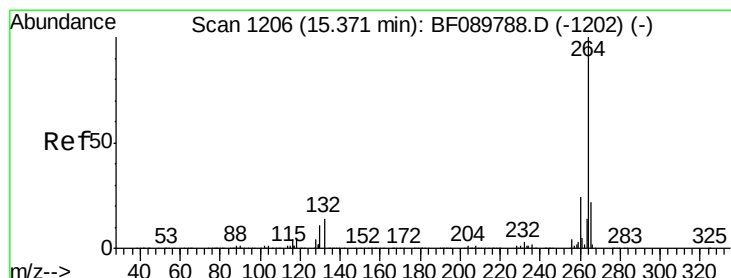
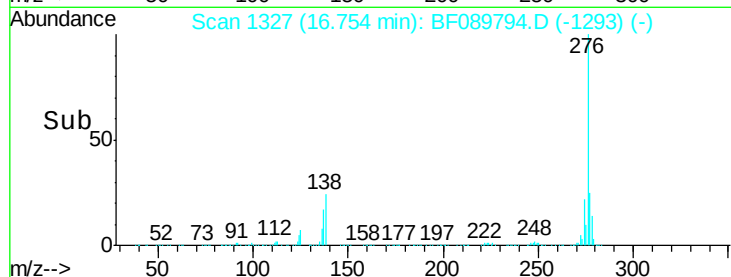
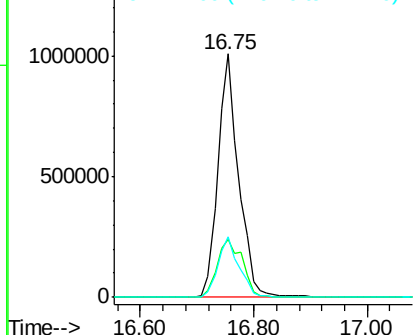
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.18 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. 0.09 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:276 Resp: 2567013
 Ion Ratio Lower Upper
 276 100
 138 29.2 24.6 36.8
 277 25.3 20.4 30.6

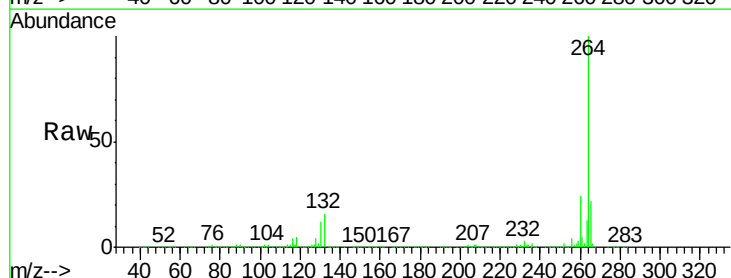


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

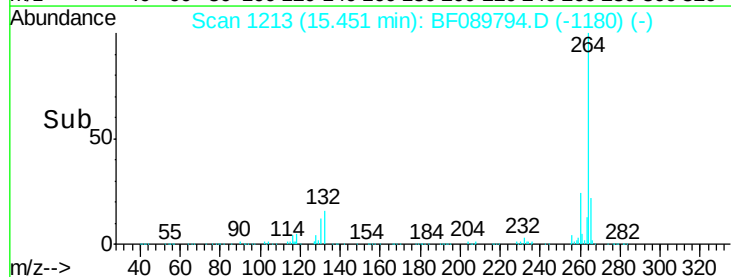
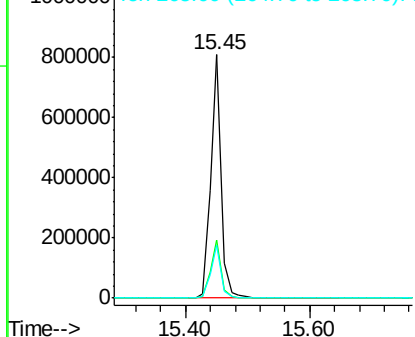


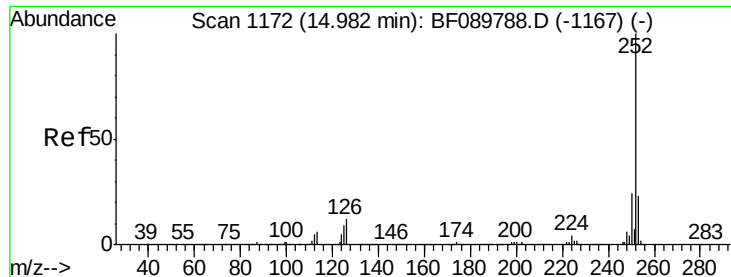
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1213
 Delta R.T. 0.08 min
 Lab File: BF089794.D
 Acq: 19 Aug 2016 14:35

Tgt Ion:264 Resp: 925767
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.2 30.2
 265 21.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

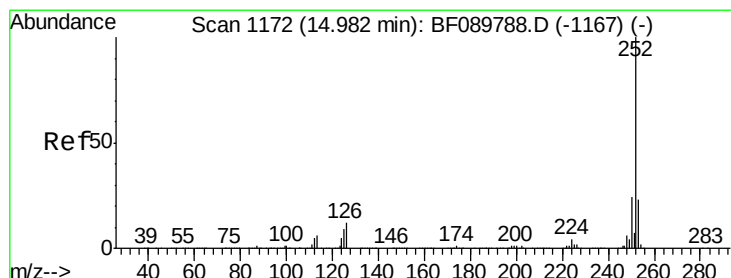
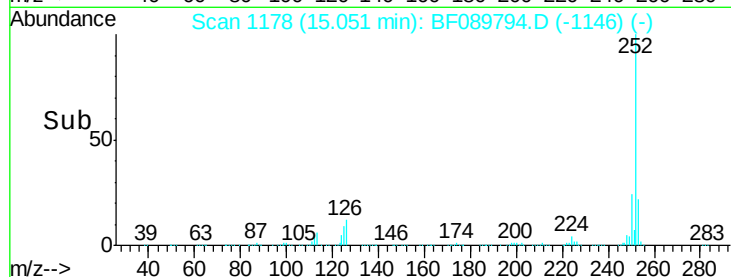
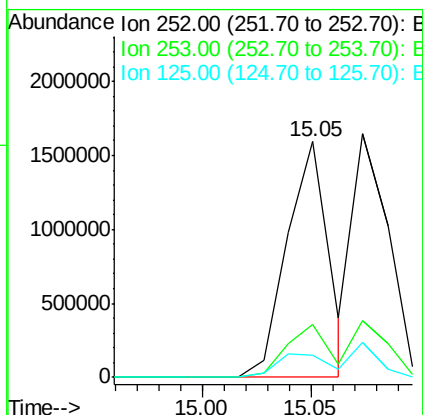
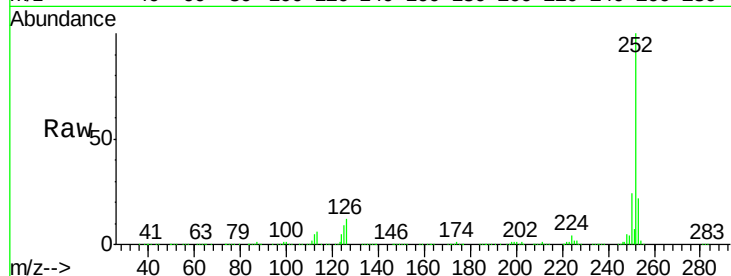




#87
Benzo(b)fluoranthene
Concen: 41.68 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.07 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

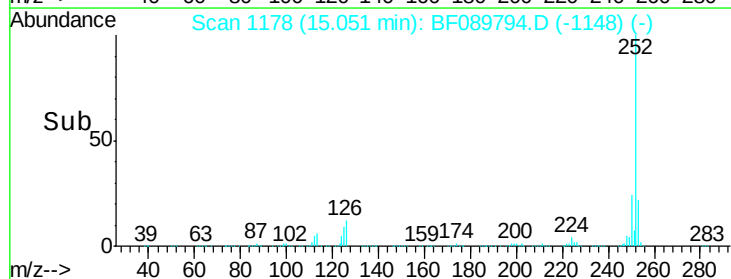
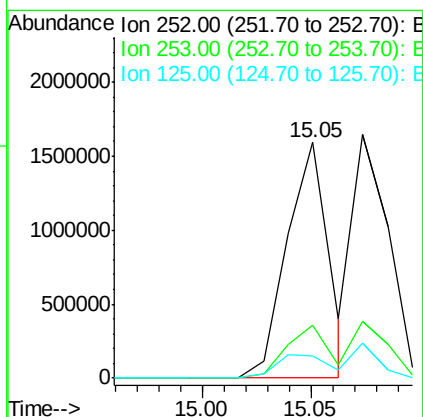
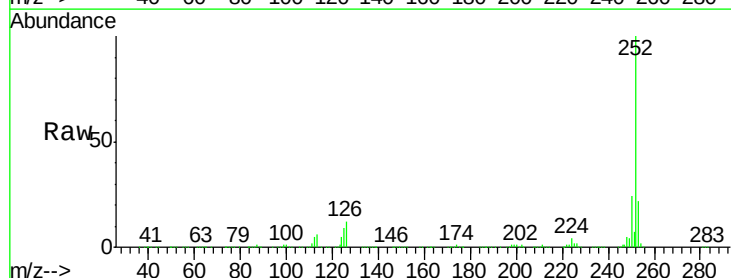
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

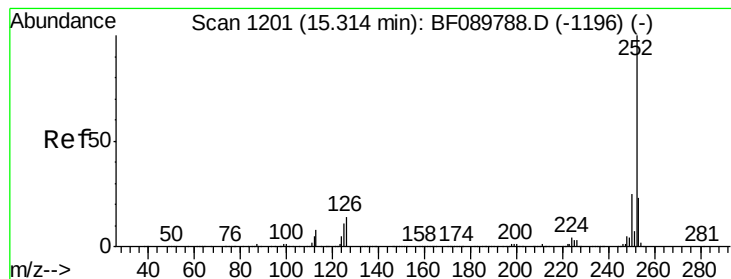
Tgt Ion:252 Resp: 2122835
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.2 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 45.94 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.05 min
Lab File: BF089794.D
Acq: 19 Aug 2016 14:35

Tgt Ion:252 Resp: 2122835
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 9.2 9.8 14.6#





#89

Benzo(a)pyrene

Concen: 41.23 ng

RT: 15.39 min Scan# 1208

Delta R.T. 0.08 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

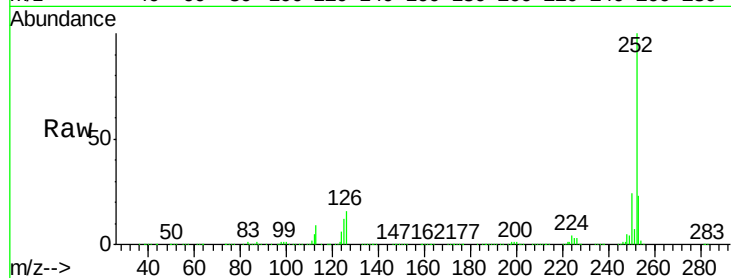
Tgt Ion:252 Resp: 1987400

Ion Ratio Lower Upper

252 100

253 22.6 17.8 26.8

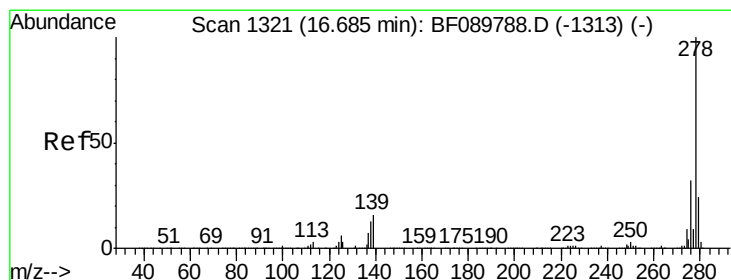
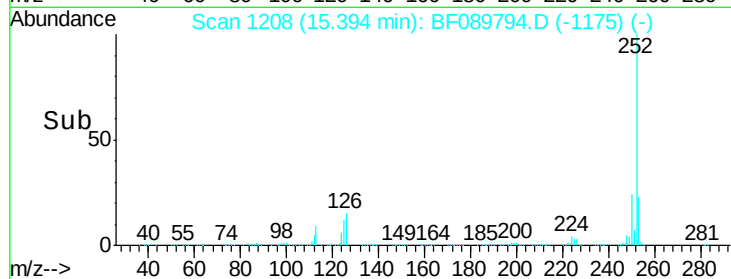
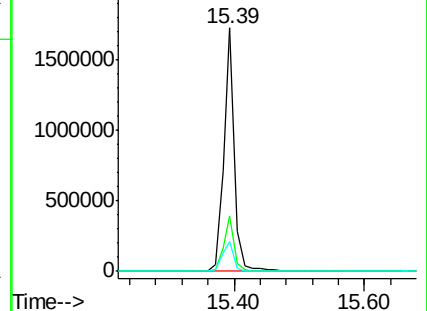
125 12.0 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.75 ng

RT: 16.78 min Scan# 1329

Delta R.T. 0.09 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

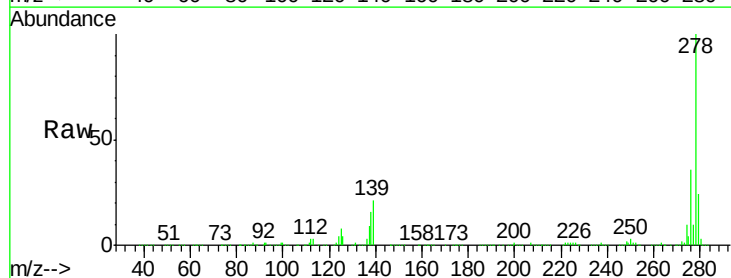
Tgt Ion:278 Resp: 2131928

Ion Ratio Lower Upper

278 100

139 20.8 14.9 22.3

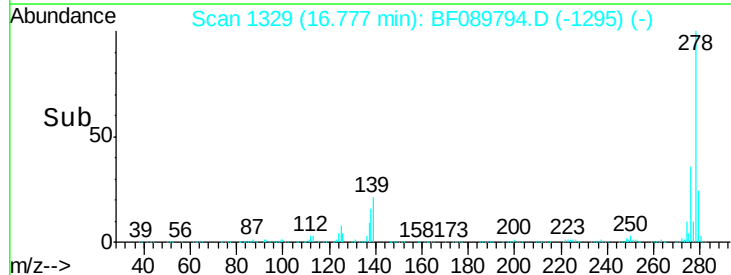
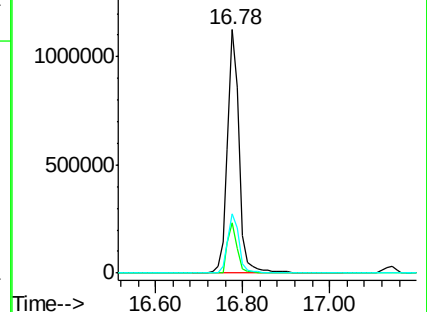
279 24.4 19.2 28.8

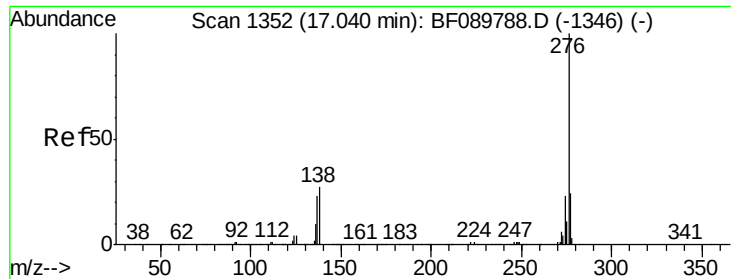


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.97 ng

RT: 17.14 min Scan# 1361

Delta R.T. 0.10 min

Lab File: BF089794.D

Acq: 19 Aug 2016 14:35

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

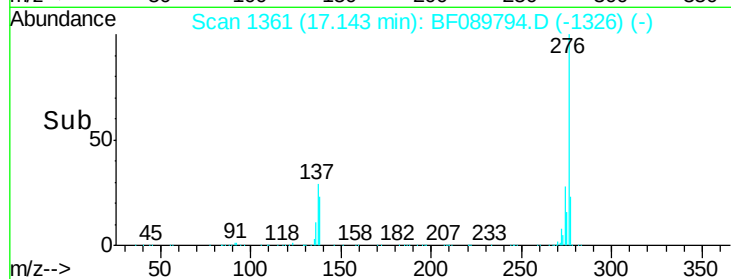
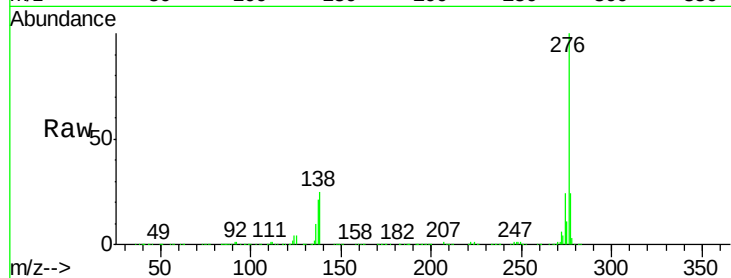
Tgt Ion:276 Resp: 2202122

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 25.5 22.1 33.1



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

