

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086828.D
 Acq On : 9 May 2016 17:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 10 02:02:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	182752	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	780968	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	384929	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	697004	20.00	ng	0.00
75) Chrysene-d12	13.84	240	531608	20.00	ng	0.00
86) Perylene-d12	15.21	264	418757	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	875820	81.16	ng	0.00
7) Phenol-d6	6.35	99	1125488	78.04	ng	-0.01
23) Nitrobenzene-d5	7.26	82	1170235	75.24	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	308635	75.74	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1559408	68.09	ng	0.00
78) Terphenyl-d14	12.80	244	1851269	73.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	206604	39.00	ng	# 72
3) Pyridine	2.85	79	546231	42.18	ng	# 66
4) n-Nitrosodimethylamine	2.81	42	385861	41.08	ng	# 48
6) Aniline	6.36	93	681307	39.06	ng	# 66
8) 2-Chlorophenol	6.49	128	499001	38.32	ng	99
9) Benzaldehyde	6.24	77	307638	36.84	ng	94
10) Phenol	6.37	94	607246	35.42	ng	79
11) bis(2-Chloroethyl)ether	6.44	93	542209	40.56	ng	94
12) 1,3-Dichlorobenzene	6.62	146	515935	36.61	ng	# 89
13) 1,4-Dichlorobenzene	6.86	146	497789	34.64	ng	95
14) 1,2-Dichlorobenzene	6.86	146	502589	40.13	ng	100
15) Benzyl Alcohol	6.85	79	389236	39.08	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1058095	36.41	ng	62
17) 2-Methylphenol	6.98	107	412749	39.83	ng	# 83
18) Hexachloroethane	7.20	117	201651	37.30	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	411561	40.83	ng	# 78
20) 3+4-Methylphenols	7.14	107	526520	38.91	ng	# 57
22) Acetophenone	7.12	105	686539	37.22	ng	99
24) Nitrobenzene	7.29	77	626337	39.15	ng	99
25) Isophorone	7.53	82	1065443	36.92	ng	98
26) 2-Nitrophenol	7.61	139	278439	39.59	ng	95
27) 2,4-Dimethylphenol	7.65	122	414664	34.61	ng	88
28) bis(2-Chloroethoxy)methane	7.74	93	619016	39.77	ng	98
29) 2,4-Dichlorophenol	7.85	162	390813	37.06	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	455440	38.63	ng	98
31) Naphthalene	8.01	128	1434045	36.66	ng	100
32) Benzoic acid	7.81	122	294939	41.92	ng	# 79
33) 4-Chloroaniline	8.06	127	590122	38.83	ng	# 93
34) Hexachlorobutadiene	8.12	225	258419	37.78	ng	99
35) Caprolactam	8.45	113	129853	36.20	ng	# 49
36) 4-Chloro-3-methylphenol	8.57	107	468314	36.62	ng	94
37) 2-Methylnaphthalene	8.69	142	904064	39.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	412206	36.83	ng	99
40) Hexachlorocyclopentadiene	8.84	237	197888	37.25	ng	95

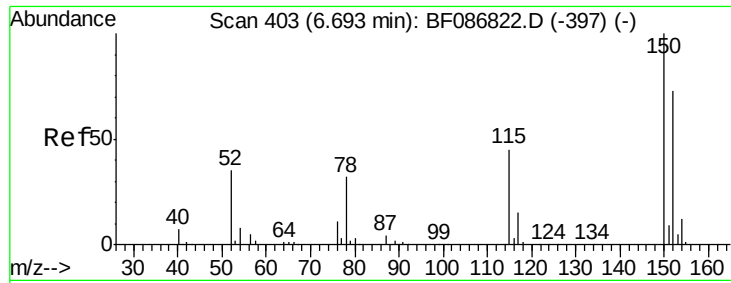
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086828.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	268301	35.85	ng	95
43) 2,4,5-Trichlorophenol	9.02	196	291171	37.62	ng #	88
45) 1,1'-Biphenyl	9.16	154	1204825	39.35	ng	98
46) 2-Chloronaphthalene	9.18	162	931846	38.85	ng	98
47) 2-Nitroaniline	9.29	65	318494	36.33	ng #	74
48) Acenaphthylene	9.60	152	1410868	39.99	ng	99
49) Dimethylphthalate	9.47	163	1051423	35.80	ng	99
50) 2,6-Dinitrotoluene	9.53	165	222240	35.96	ng #	67
51) Acenaphthene	9.77	154	894828	40.77	ng	98
52) 3-Nitroaniline	9.70	138	240174	36.91	ng #	77
53) 2,4-Dinitrophenol	9.81	184	103745	37.38	ng #	84
54) Dibenzofuran	9.94	168	1099252	39.02	ng	99
55) 4-Nitrophenol	9.89	139	160033	39.34	ng	88
56) 2,4-Dinitrotoluene	9.94	165	294478	38.50	ng	86
57) Fluorene	10.28	166	952807	39.65	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	229658	39.41	ng	97
59) Diethylphthalate	10.17	149	1110346	38.80	ng	96
60) 4-Chlorophenyl-phenylether	10.27	204	399126	36.37	ng	98
61) 4-Nitroaniline	10.32	138	258278	41.33	ng #	69
62) Azobenzene	10.43	77	1159557	37.56	ng	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	164413	37.97	ng #	40
65) n-Nitrosodiphenylamine	10.40	169	812358	37.94	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	285627	40.42	ng #	85
67) Hexachlorobenzene	10.82	284	292134	35.37	ng #	73
68) Atrazine	10.93	200	277634	38.81	ng	95
69) Pentachlorophenol	11.02	266	162435	42.56	ng	98
70) Phenanthrene	11.23	178	1264817	34.00	ng	99
71) Anthracene	11.29	178	1522917	40.03	ng	100
72) Carbazole	11.45	167	1276498	39.03	ng	98
73) Di-n-butylphthalate	11.78	149	1539102	38.54	ng #	99
74) Fluoranthene	12.42	202	1483417	38.77	ng	91
76) Benzidine	12.54	184	631581	46.60	ng	99
77) Pyrene	12.64	202	1383743	34.00	ng	99
79) Butylbenzylphthalate	13.26	149	619248	35.97	ng #	70
80) Benzo(a)anthracene	13.83	228	1087544	36.44	ng	99
81) 3,3'-Dichlorobenzidine	13.80	252	762807	40.23	ng #	96
82) Chrysene	13.86	228	1045690	34.45	ng	98
83) Bis(2-ethylhexyl)phthalate	13.83	149	744221	35.94	ng	98
84) Di-n-octyl phthalate	14.43	149	1266824	36.93	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	872494	34.54	ng	96
87) Benzo(b)fluoranthene	14.83	252	1881721	69.14	ng #	96
88) Benzo(k)fluoranthene	14.83	252	1882219	84.46	ng	99
89) Benzo(a)pyrene	15.15	252	868958	37.02	ng #	96
90) Dibenzo(a,h)anthracene	16.51	278	728610	36.83	ng	97
91) Benzo(g,h,i)perylene	16.89	276	742833	36.95	ng #	93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

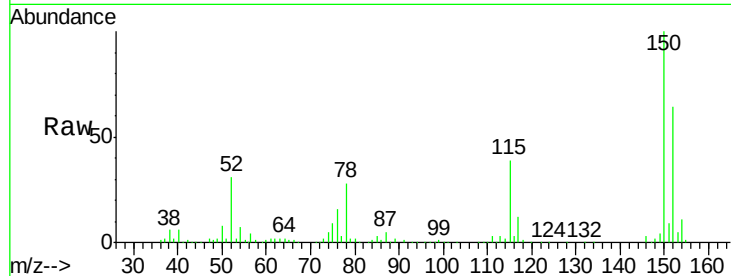
Tgt Ion:152 Resp: 182752

Ion Ratio Lower Upper

152 100

150 156.3 125.8 188.6

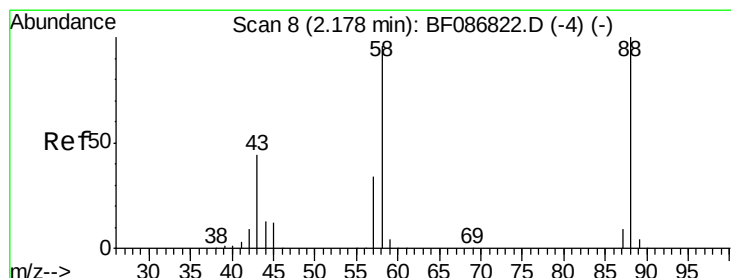
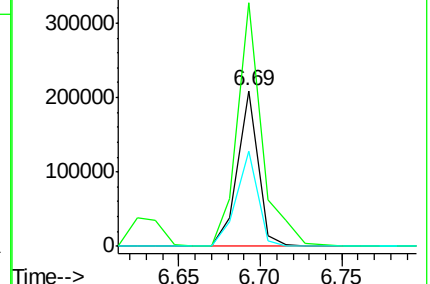
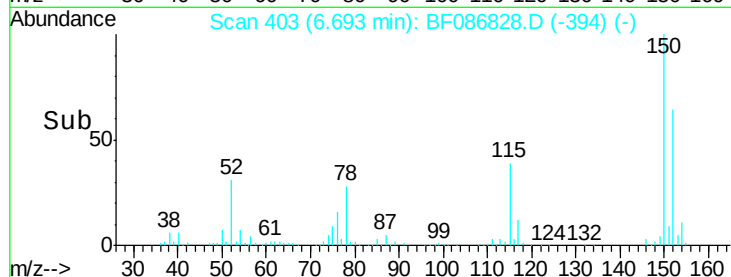
115 61.5 51.5 77.3



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: 39.00 ng

RT: 2.18 min Scan# 8

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

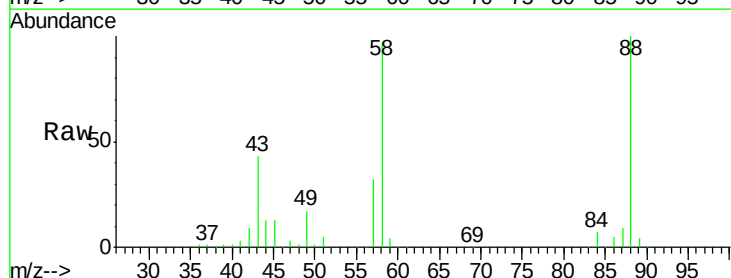
Tgt Ion: 88 Resp: 206604

Ion Ratio Lower Upper

88 100

58 97.2 59.6 89.4#

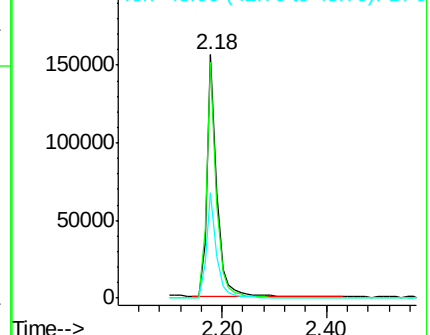
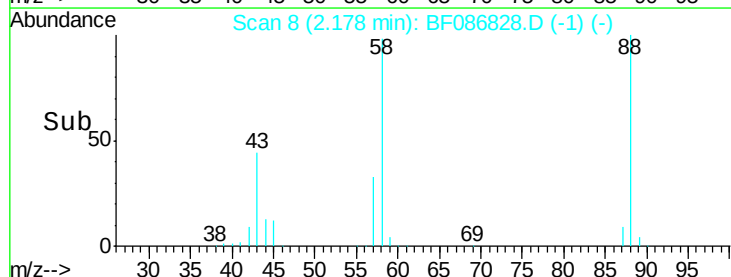
43 43.0 21.8 32.6#

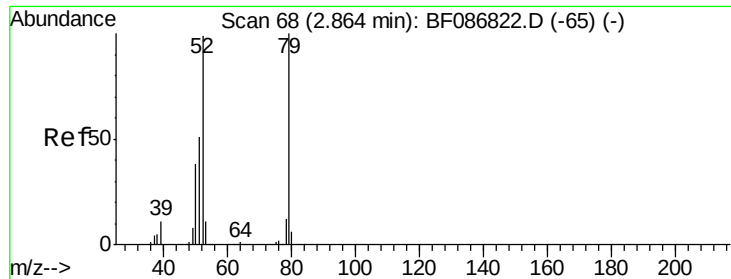


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.18 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

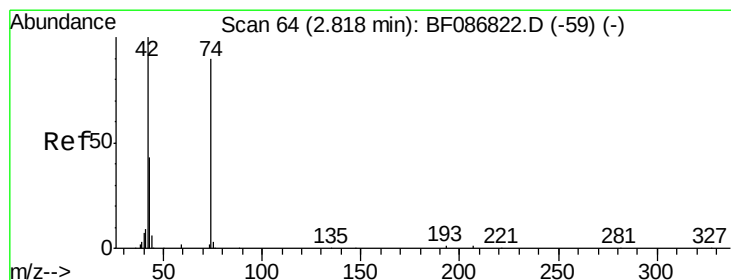
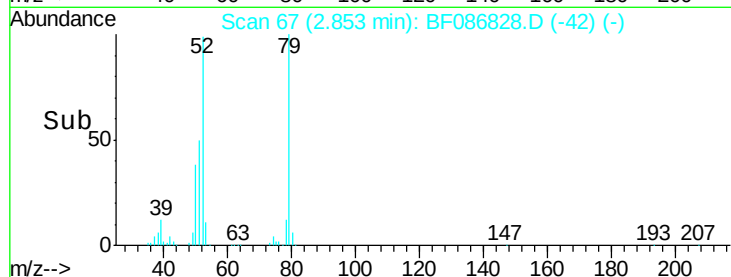
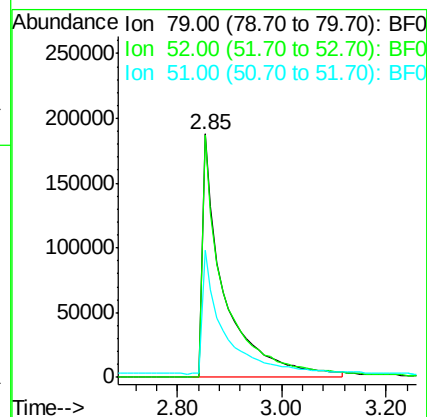
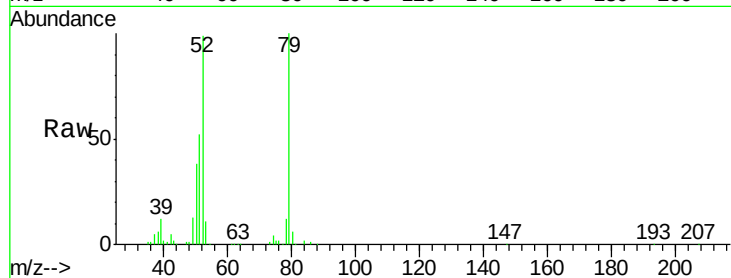
Tgt Ion: 79 Resp: 546231

Ion Ratio Lower Upper

79 100

52 99.4 55.9 83.9#

51 52.3 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 41.08 ng

RT: 2.81 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

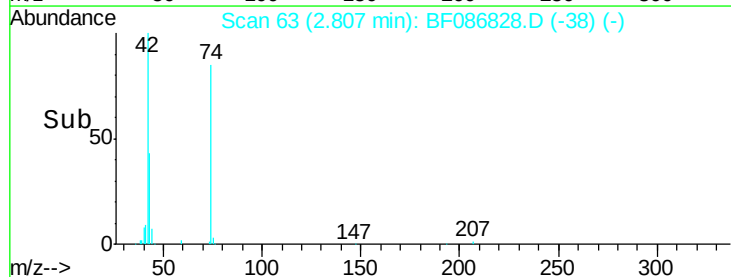
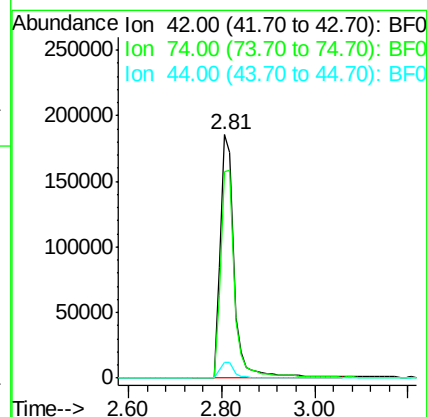
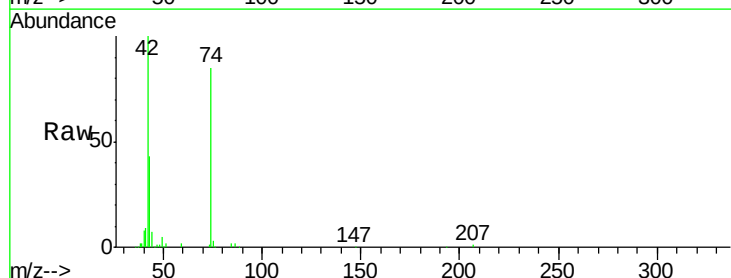
Tgt Ion: 42 Resp: 385861

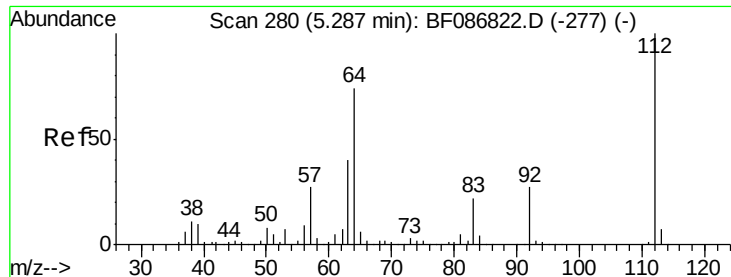
Ion Ratio Lower Upper

42 100

74 84.6 123.4 185.0#

44 6.6 5.8 8.6





#5

2-Fluorophenol

Concen: 81.16 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

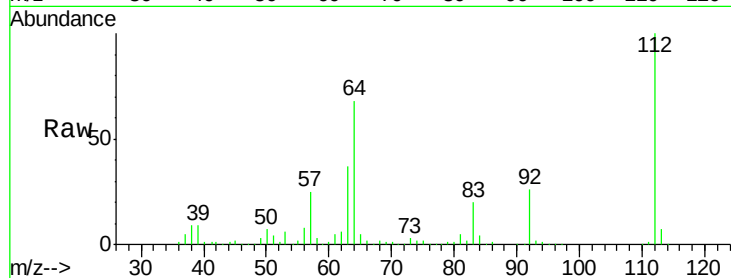
Tgt Ion: 112 Resp: 875820

Ion Ratio Lower Upper

112 100

64 68.0 52.1 78.1

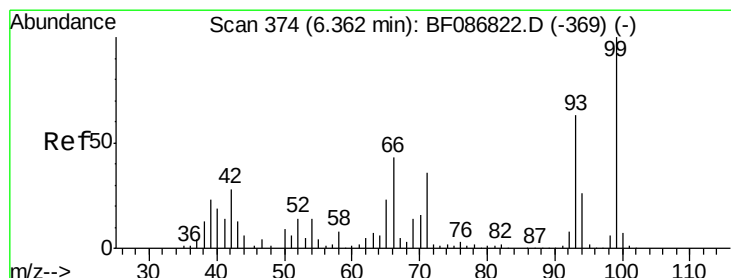
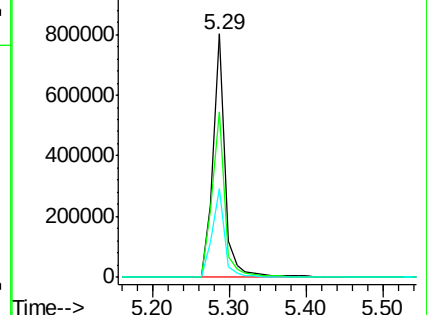
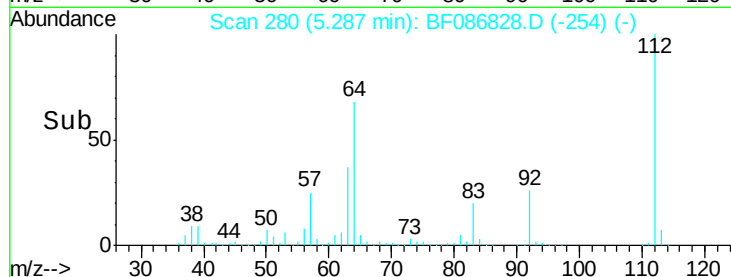
63 36.7 25.7 38.5



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: 39.06 ng

RT: 6.36 min Scan# 374

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

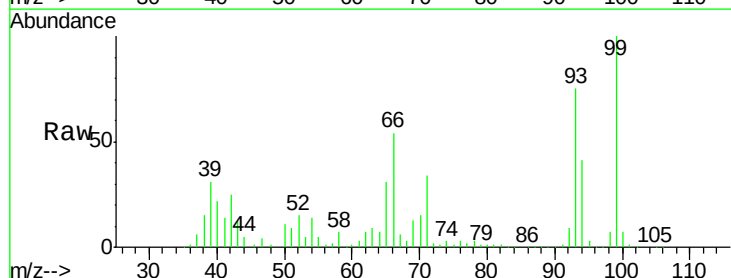
Tgt Ion: 93 Resp: 681307

Ion Ratio Lower Upper

93 100

66 72.7 39.0 58.6#

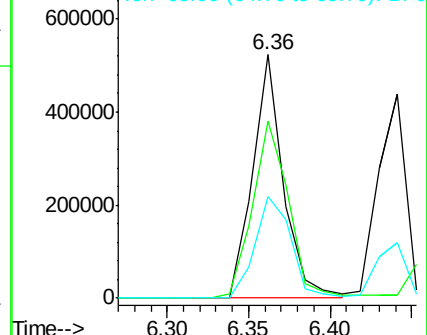
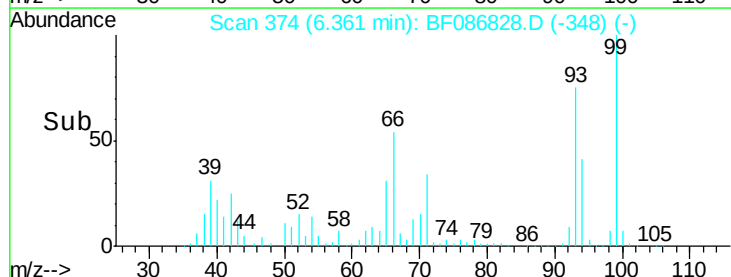
65 41.8 20.6 31.0#

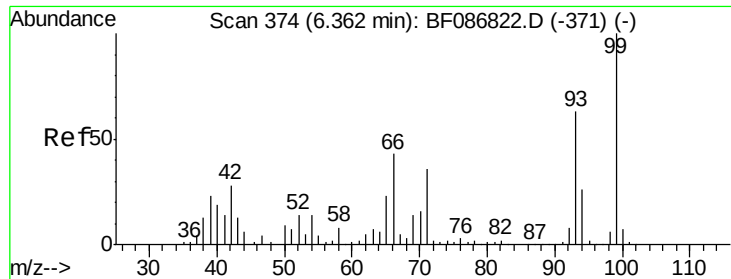


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.04 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

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ClientSampleId :

SSTDCCC040

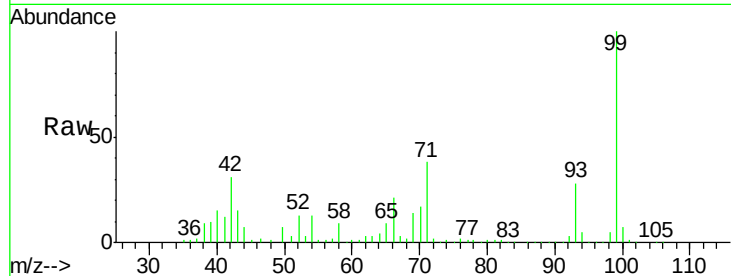
Tgt Ion: 99 Resp: 1125488

Ion Ratio Lower Upper

99 100

42 31.4 13.6 20.4#

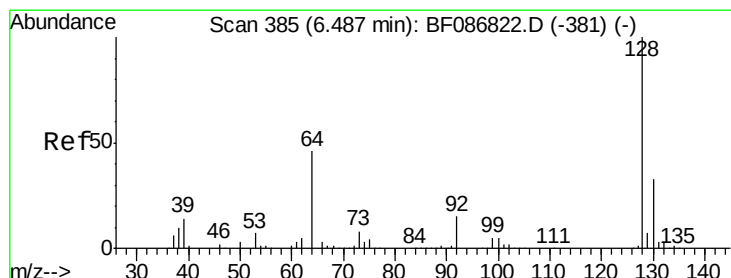
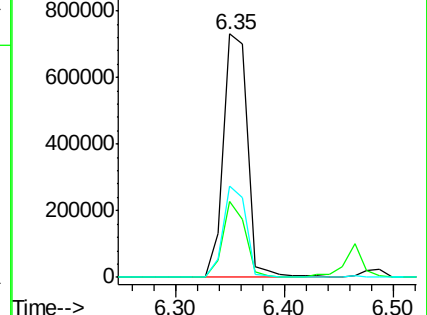
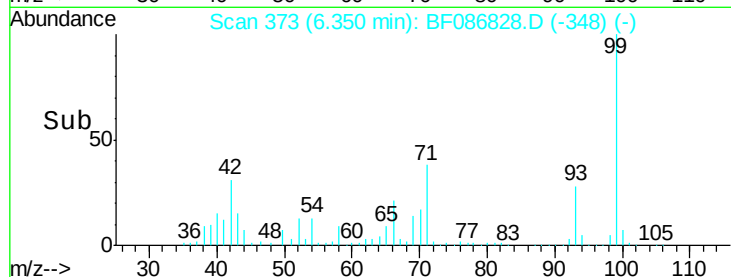
71 37.6 24.6 36.8#



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: 38.32 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

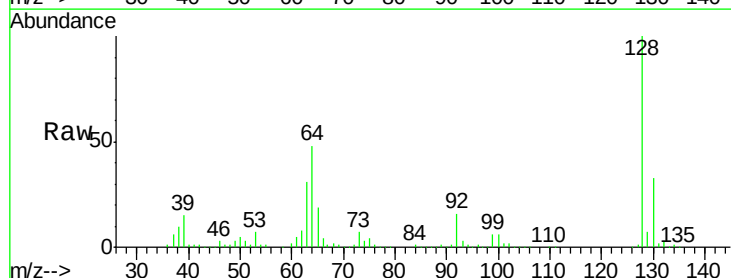
Tgt Ion: 128 Resp: 499001

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

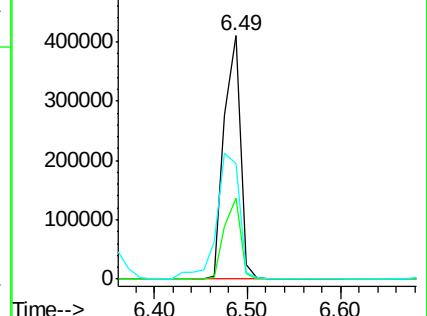
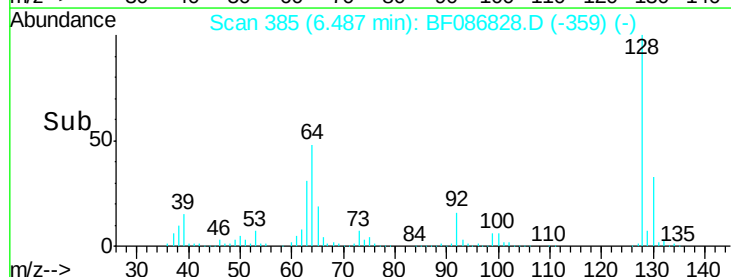
64 47.5 27.3 67.3

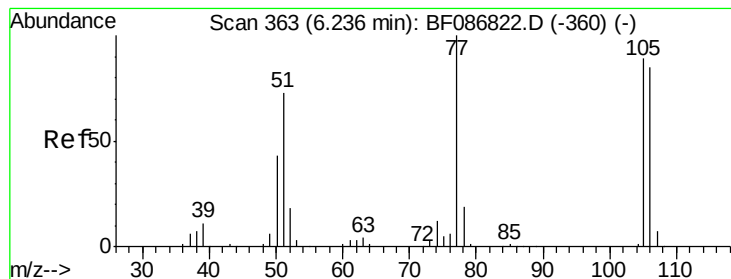


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.84 ng

RT: 6.24 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

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ClientSampleId :

SSTDCCC040

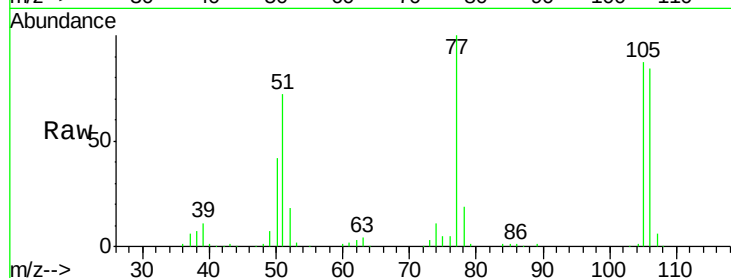
Tgt Ion: 77 Resp: 307638

Ion Ratio Lower Upper

77 100

105 87.3 72.7 112.7

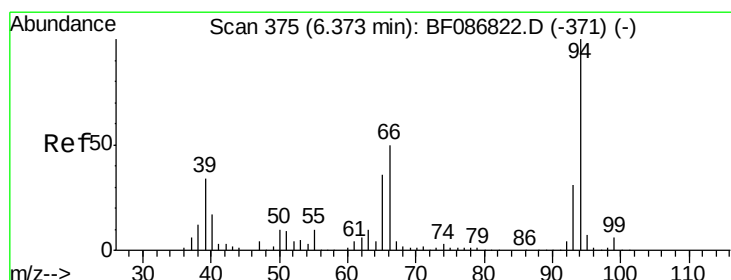
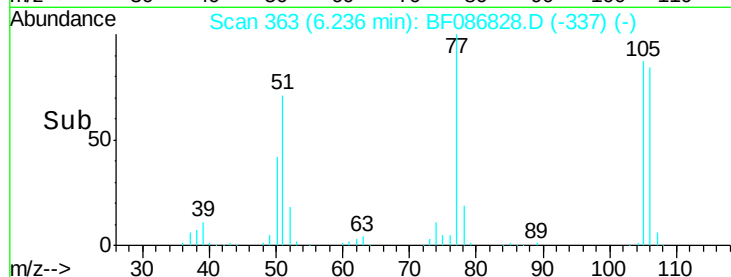
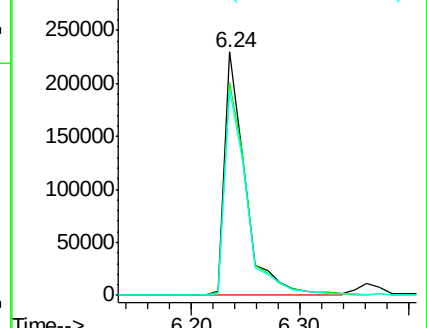
106 84.2 70.8 110.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.42 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

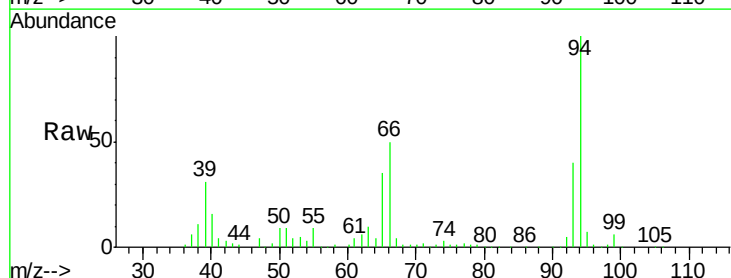
Tgt Ion: 94 Resp: 607246

Ion Ratio Lower Upper

94 100

65 35.0 7.2 47.2

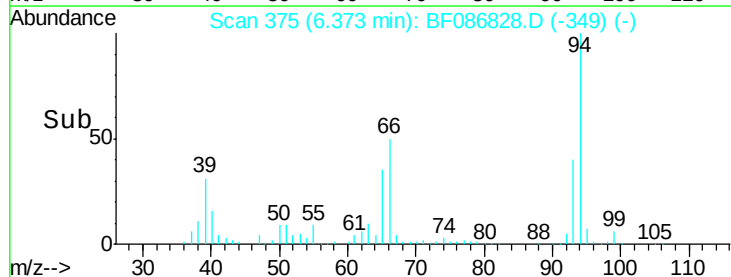
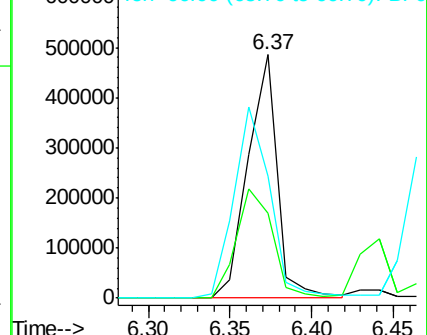
66 50.2 14.9 54.9

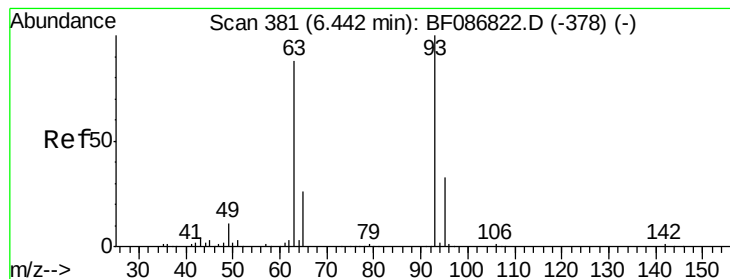


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.56 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

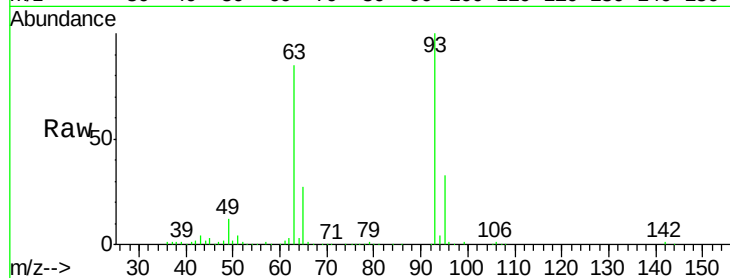
Tgt Ion: 93 Resp: 542209

Ion Ratio Lower Upper

93 100

63 85.3 58.0 98.0

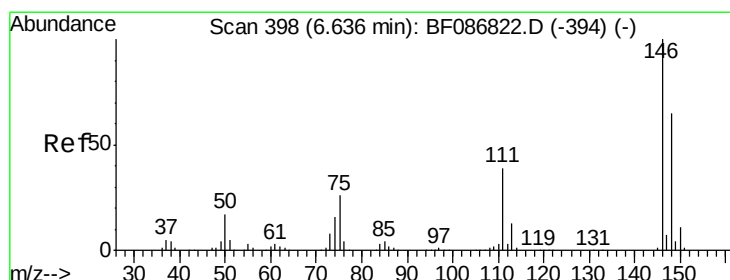
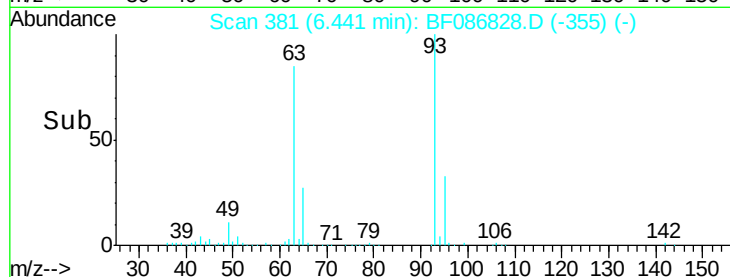
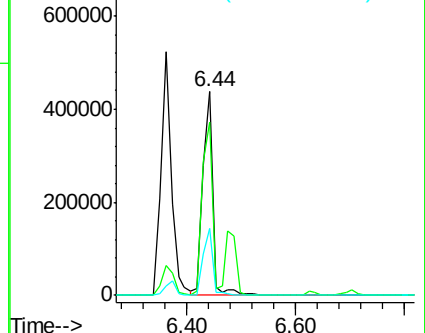
95 32.7 11.9 51.9



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: 36.61 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

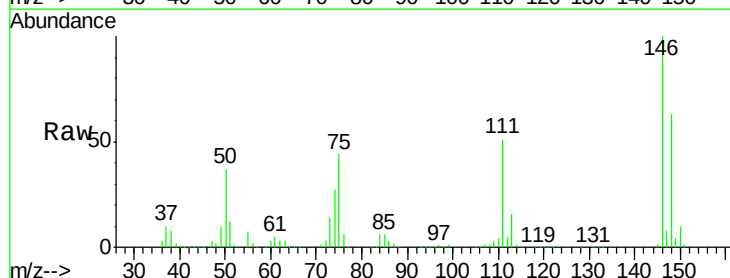
Tgt Ion: 146 Resp: 515935

Ion Ratio Lower Upper

146 100

148 62.9 52.4 78.6

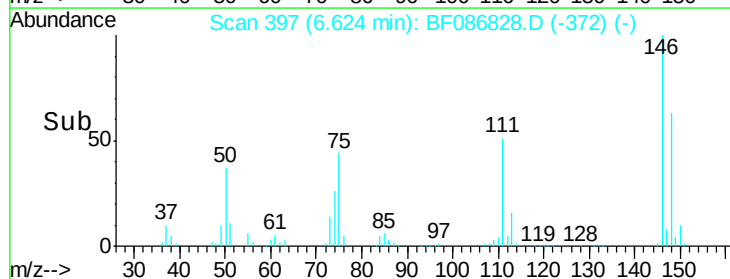
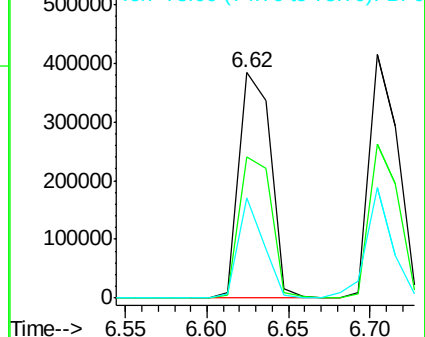
75 44.4 22.8 34.2#

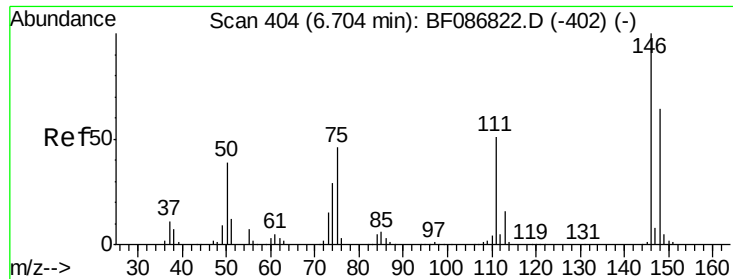


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

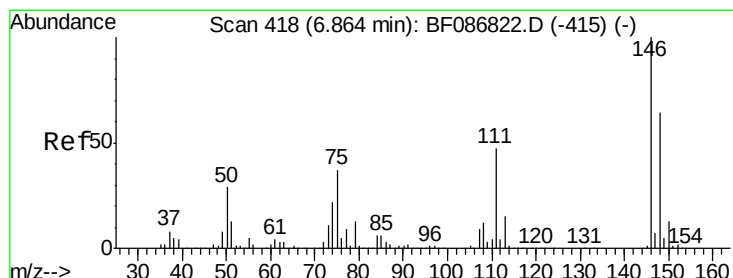
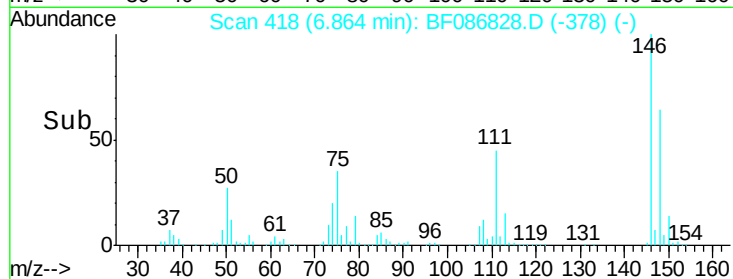
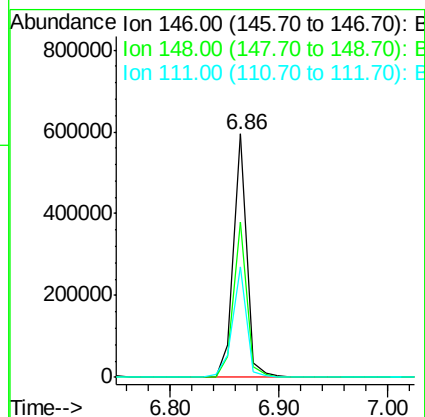
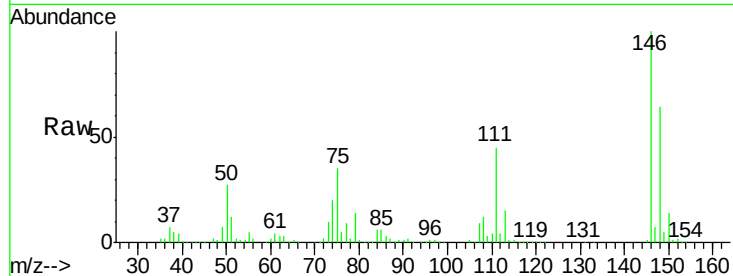




#13
 1,4-Dichlorobenzene
 Concen: 34.64 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.16 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

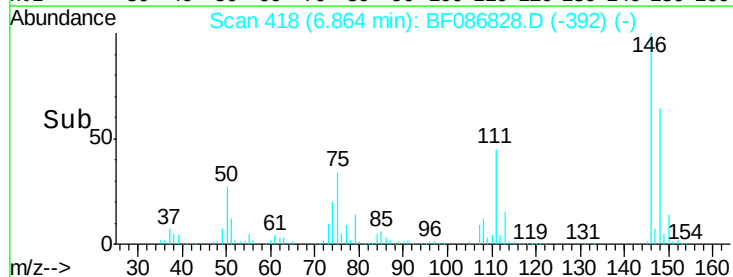
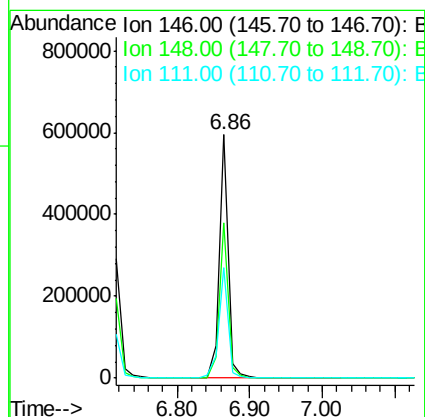
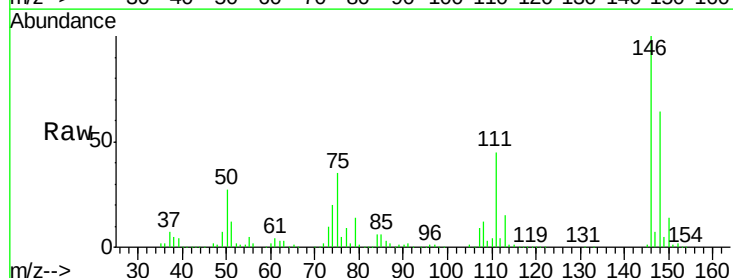
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

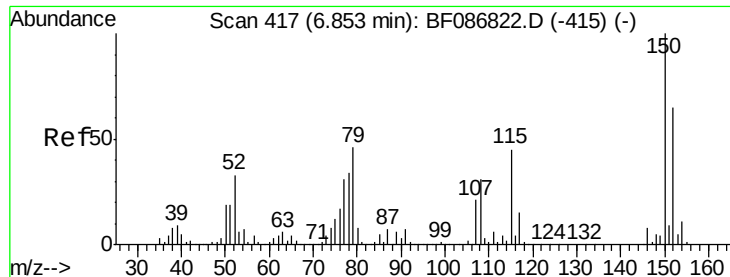
Tgt Ion:146 Resp: 497789
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 45.4 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 40.13 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:146 Resp: 502589
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.0 76.6
 111 45.4 36.2 54.4

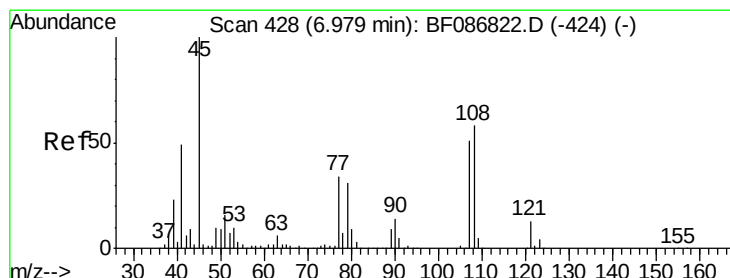
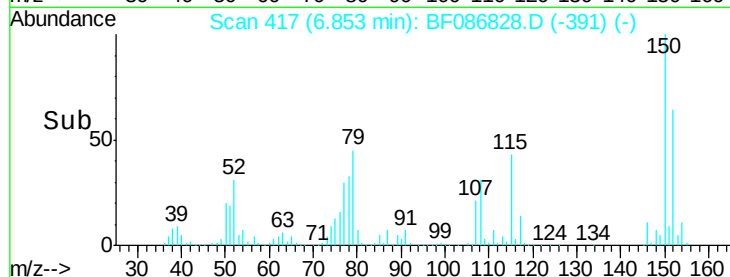
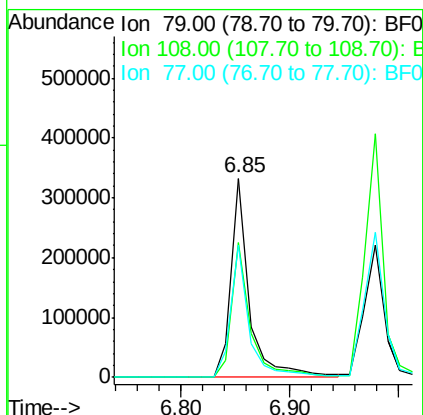
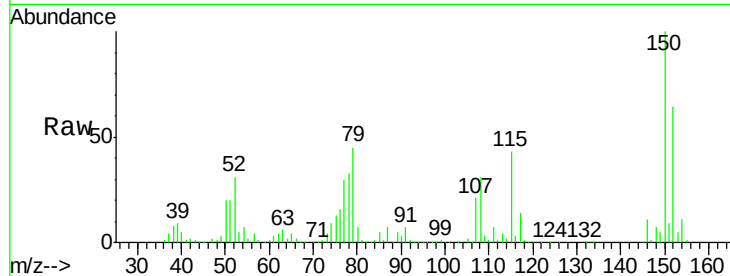




#15
Benzyl Alcohol
Concen: 39.08 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

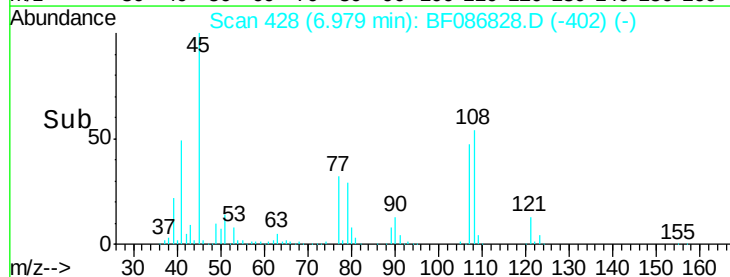
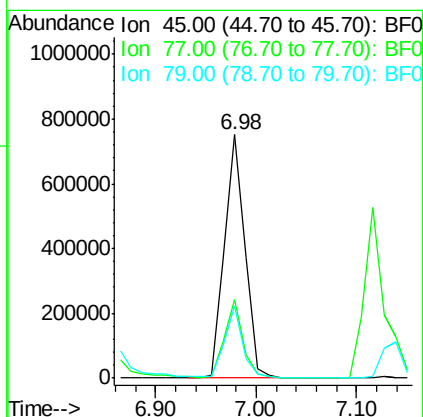
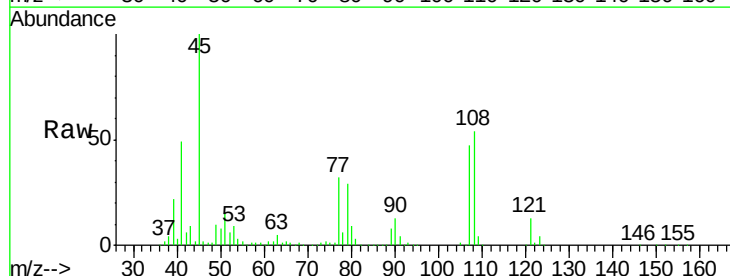
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

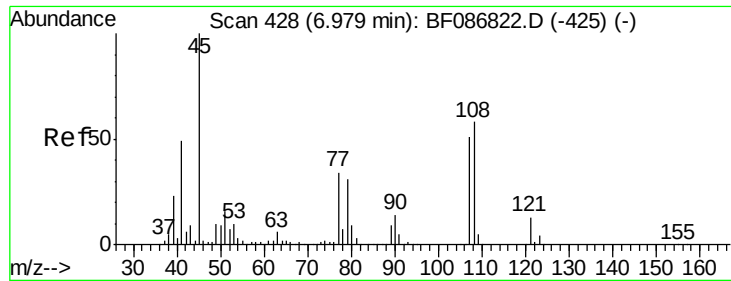
Tgt Ion: 79 Resp: 389236
Ion Ratio Lower Upper
79 100
108 67.9 68.4 102.6#
77 66.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.41 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion: 45 Resp: 1058095
Ion Ratio Lower Upper
45 100
77 32.2 0.0 36.4
79 29.5 0.0 33.4





#17

2-Methylphenol

Concen: 39.83 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 412749

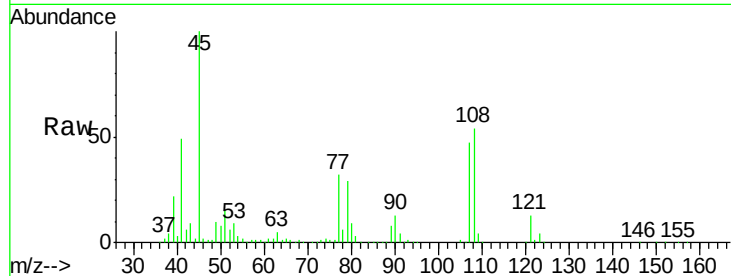
Ion Ratio Lower Upper

107 100

108 114.3 93.7 140.5

77 68.1 33.4 50.0#

79 62.3 34.3 51.5#



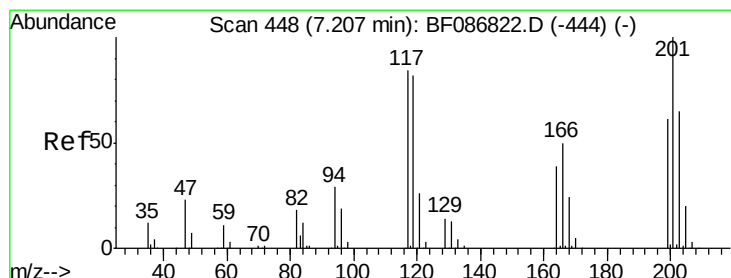
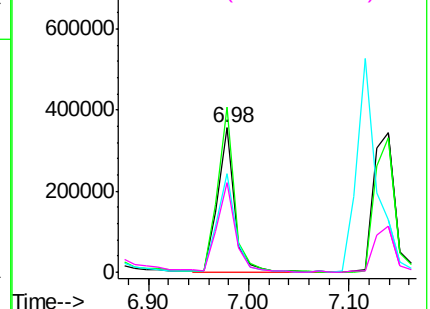
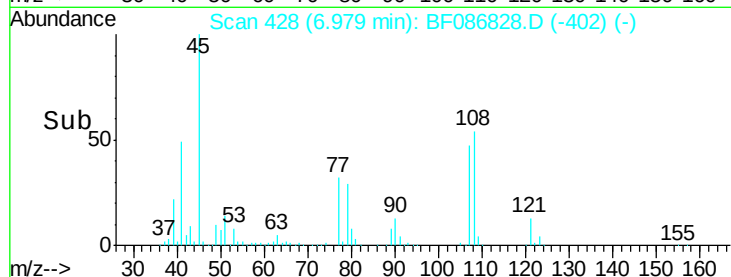
Abundance

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: 37.30 ng

RT: 7.20 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

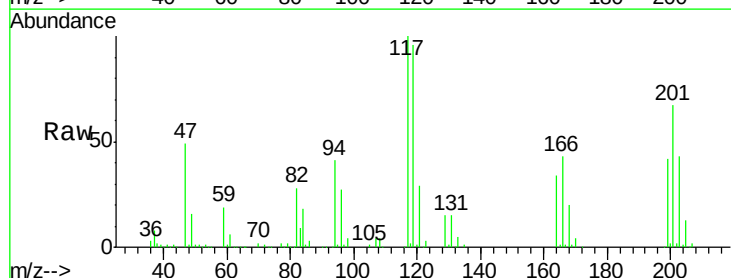
Tgt Ion:117 Resp: 201651

Ion Ratio Lower Upper

117 100

119 96.4 76.5 114.7

201 66.7 63.0 94.6

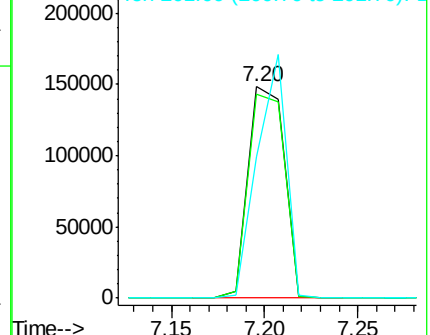
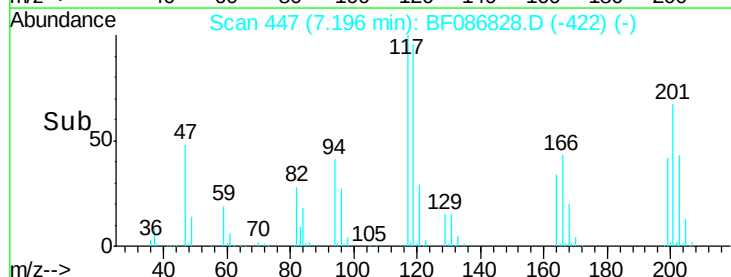


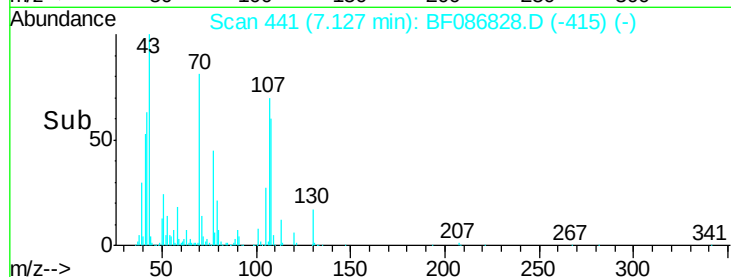
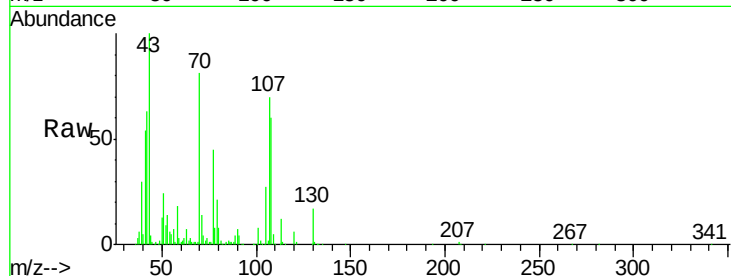
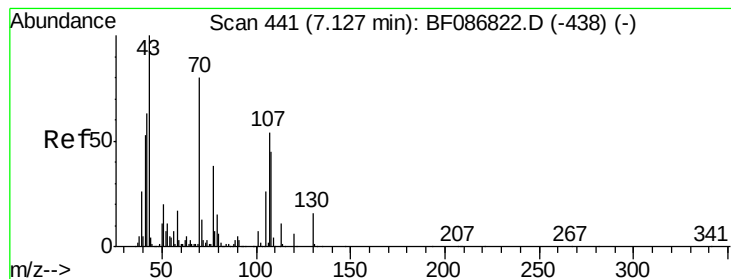
Abundance

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: 40.83 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 411561

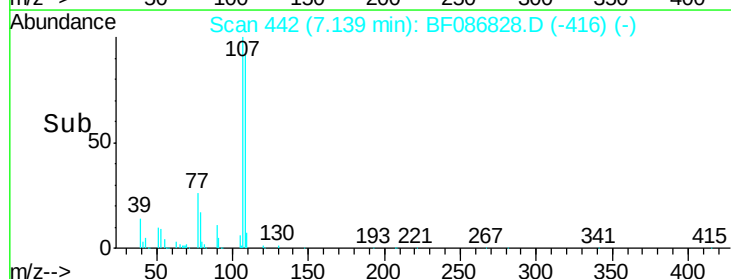
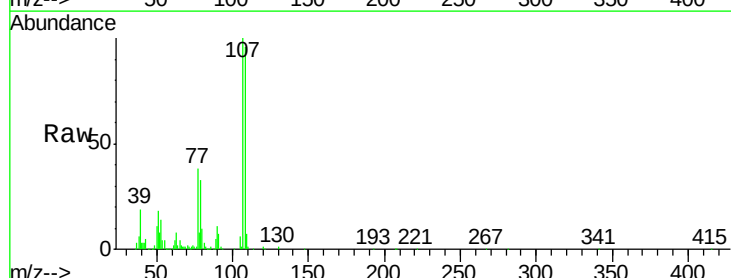
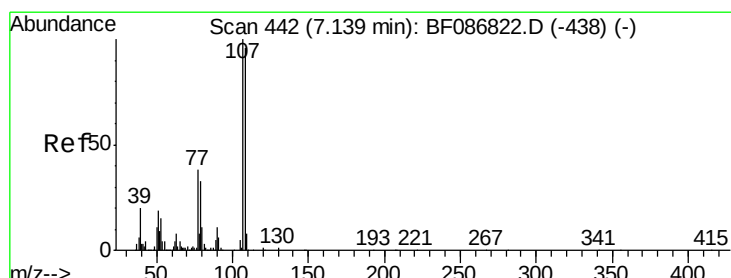
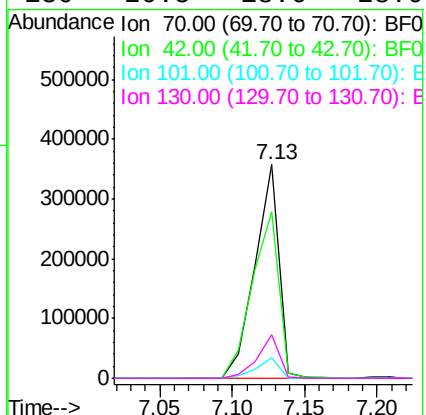
Ion Ratio Lower Upper

70 100

42 77.7 43.1 64.7#

101 9.3 8.1 12.1

130 20.5 18.6 28.0



#20

3+4-Methylphenols

Concen: 38.91 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion: 107 Resp: 526520

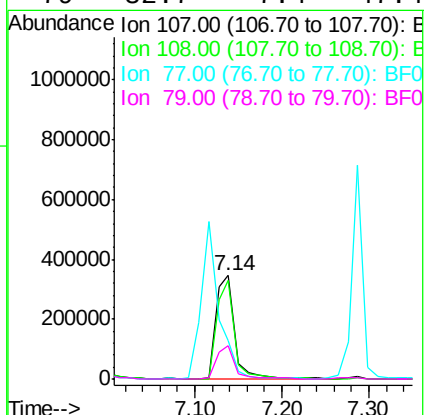
Ion Ratio Lower Upper

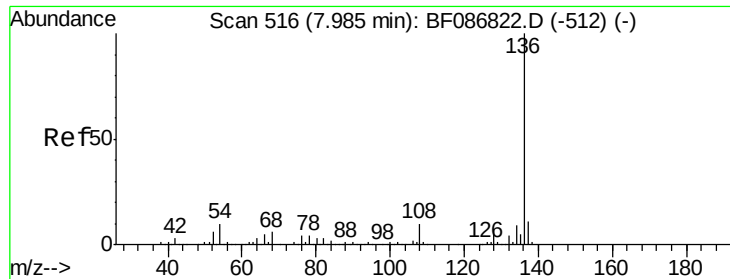
107 100

108 95.8 68.5 108.5

77 37.6 101.6 141.6#

79 32.7 7.4 47.4

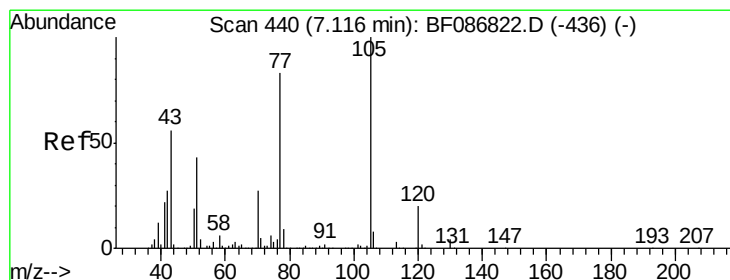
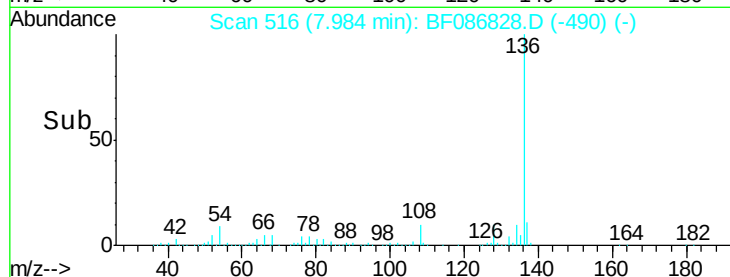
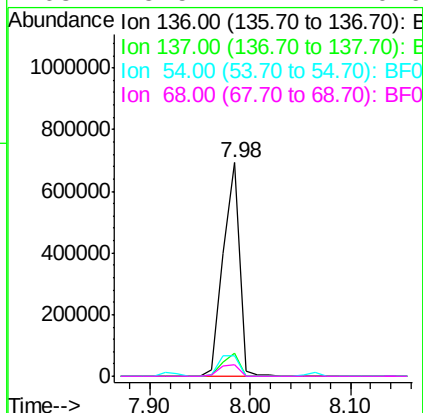
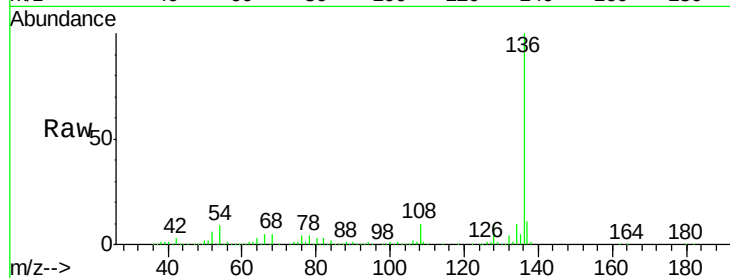




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

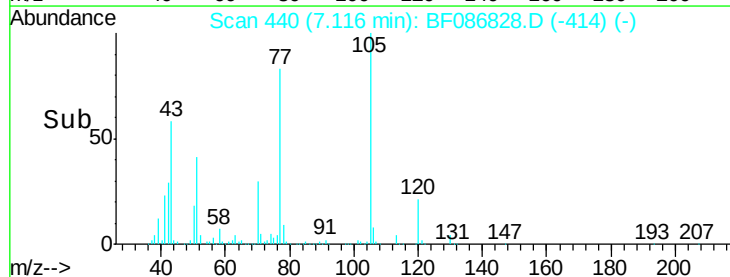
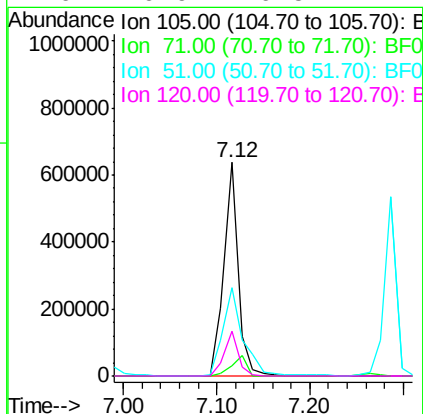
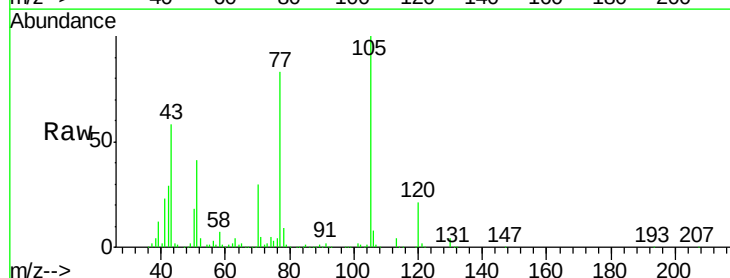
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

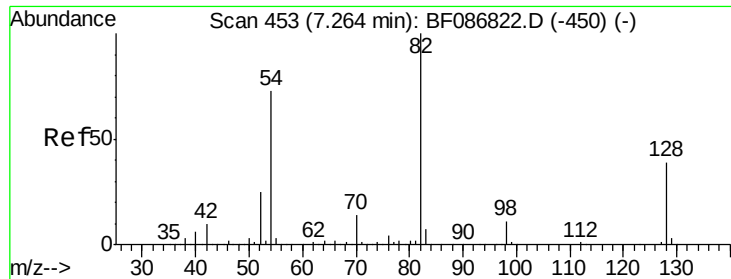
Tgt Ion:	136	Resp:	780968
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	9.3	5.0	7.4#
68	5.5	4.4	6.6



#22
Acetophenone
Concen: 37.22 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:	105	Resp:	686539
Ion	Ratio	Lower	Upper
105	100		
71	5.1	4.8	7.2
51	41.4	32.6	49.0
120	20.9	16.5	24.7

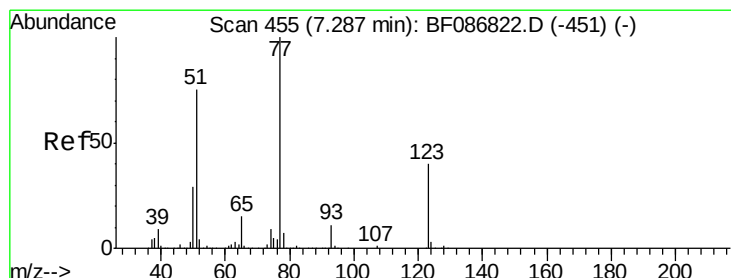
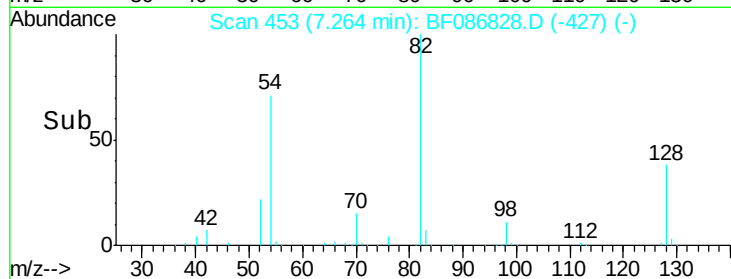
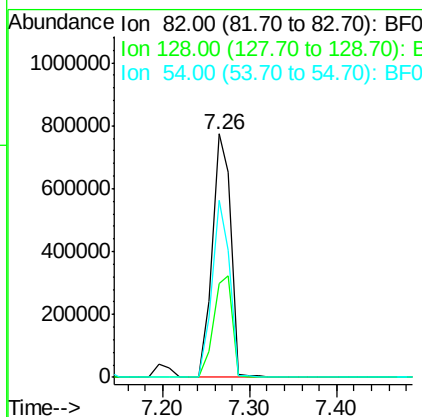
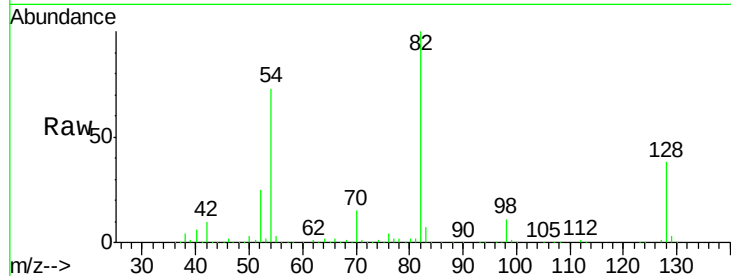




#23
 Nitrobenzene-d5
 Concen: 75.24 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

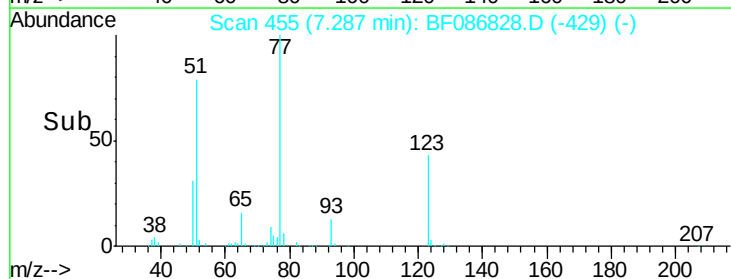
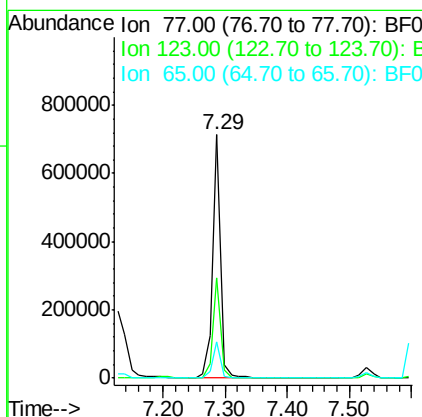
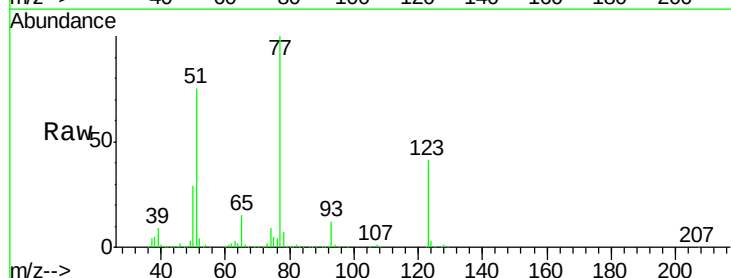
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

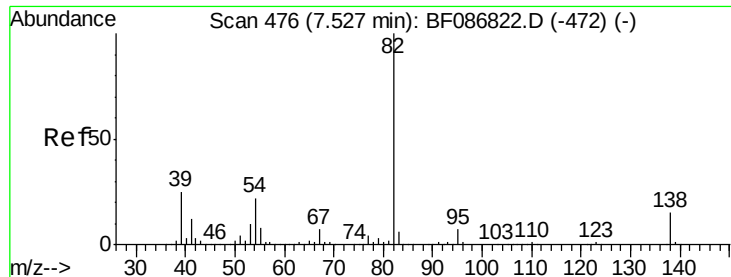
Tgt Ion: 82 Resp: 1170235
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 72.7 38.1 57.1#



#24
 Nitrobenzene
 Concen: 39.15 ng
 RT: 7.29 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion: 77 Resp: 626337
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 15.1 10.8 16.2

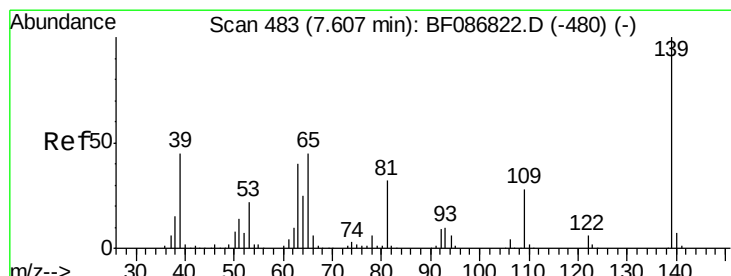
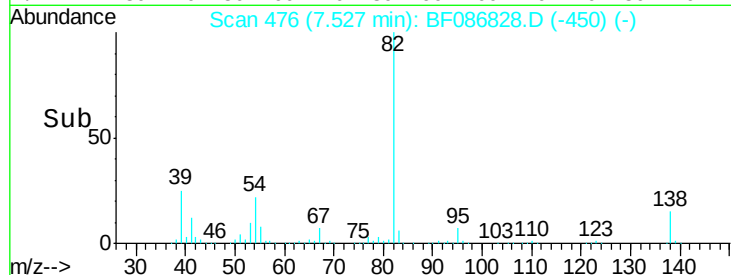
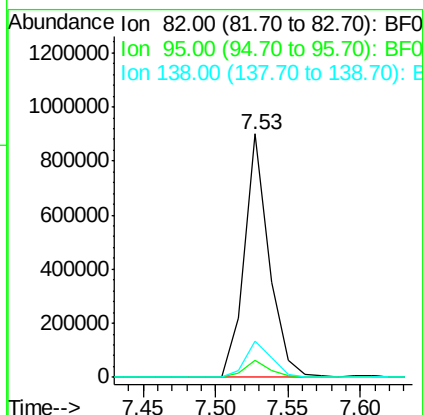
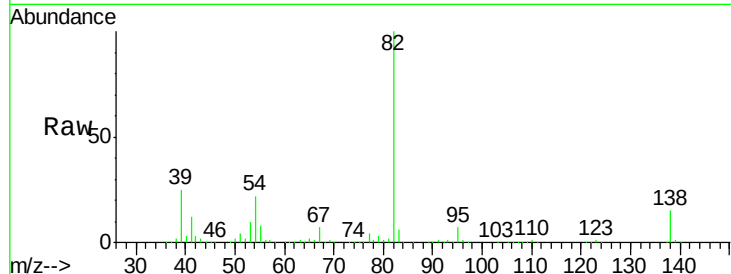




#25
Isophorone
Concen: 36.92 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

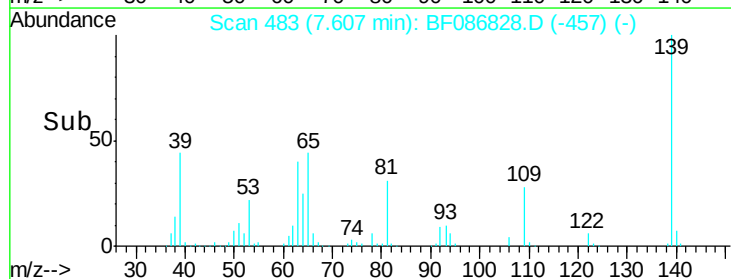
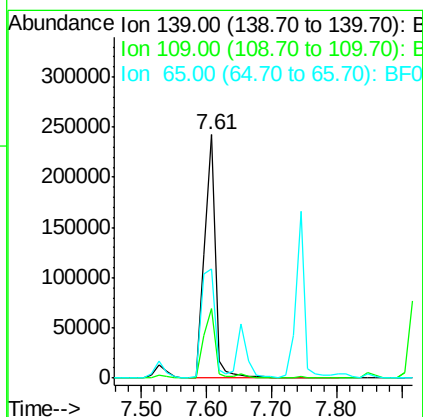
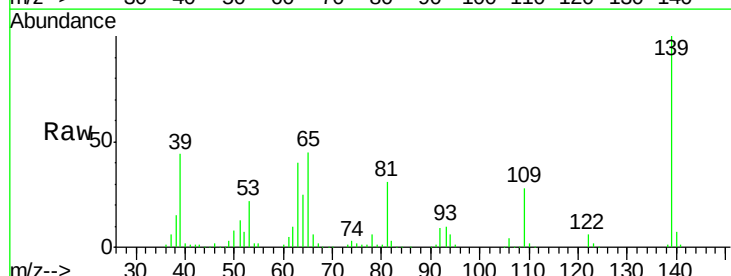
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

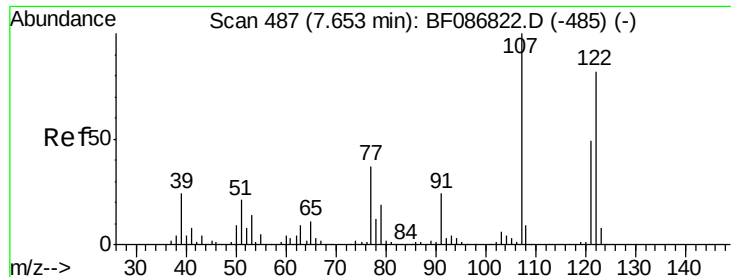
Tgt Ion: 82 Resp: 1065443
Ion Ratio Lower Upper
82 100
95 7.0 5.1 7.7
138 14.7 12.4 18.6



#26
2-Nitrophenol
Concen: 39.59 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion: 139 Resp: 278439
Ion Ratio Lower Upper
139 100
109 28.3 19.5 29.3
65 44.7 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.61 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

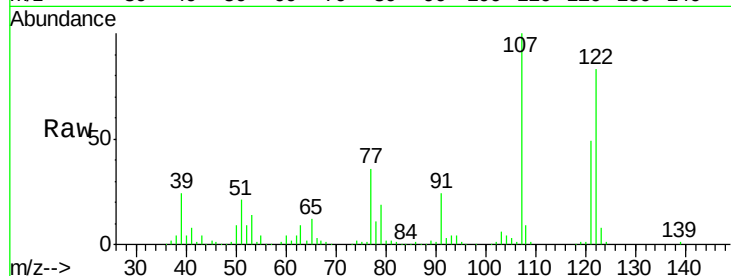
Tgt Ion: 122 Resp: 414664

Ion Ratio Lower Upper

122 100

107 120.3 82.0 123.0

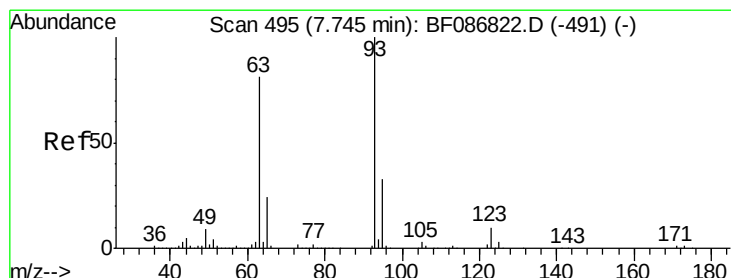
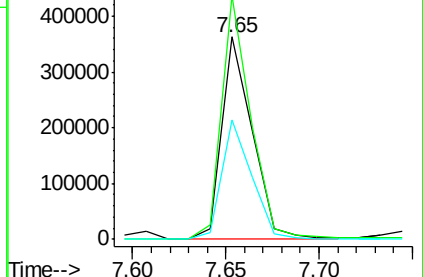
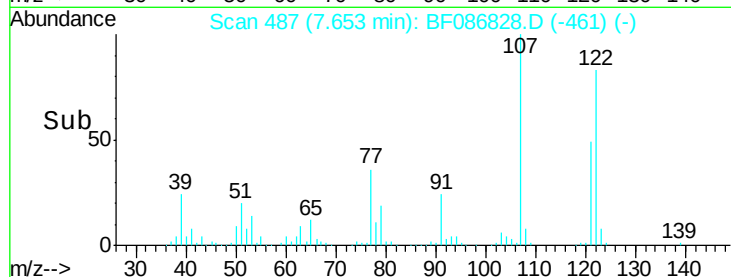
121 58.9 46.1 69.1



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: 39.77 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

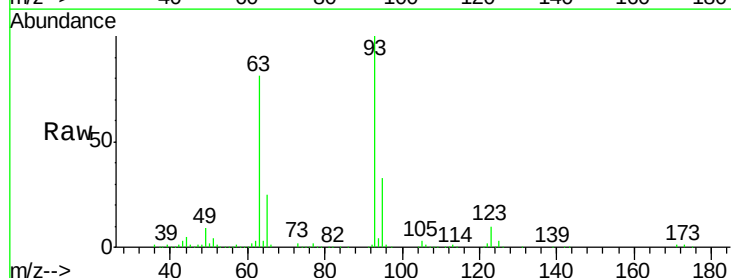
Tgt Ion: 93 Resp: 619016

Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

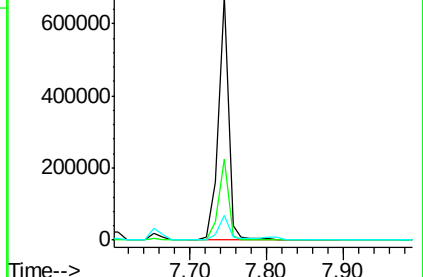
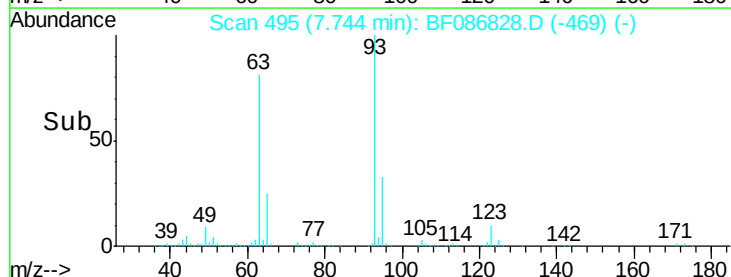
123 10.3 9.5 14.3

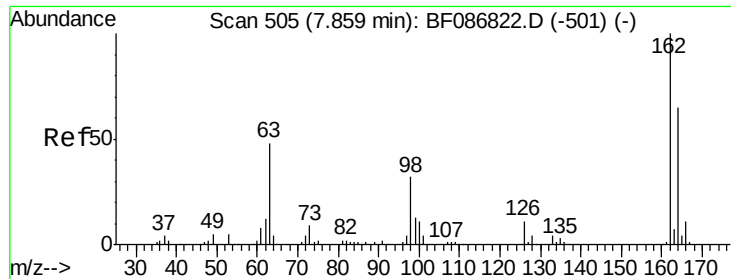


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

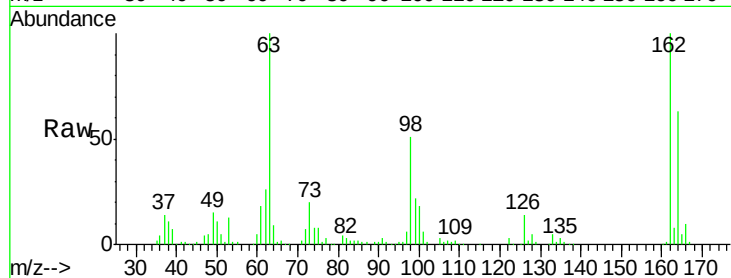




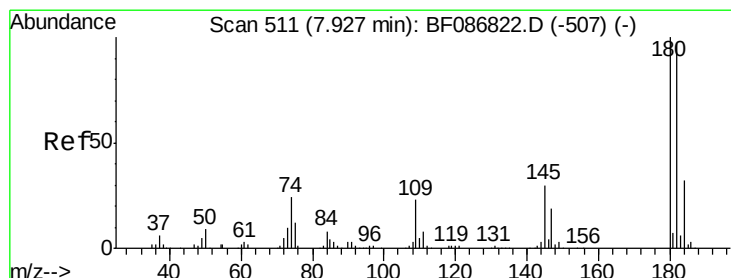
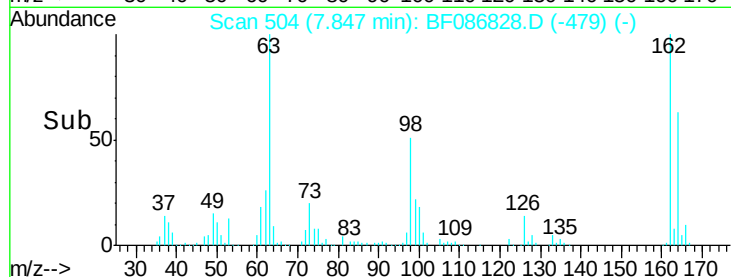
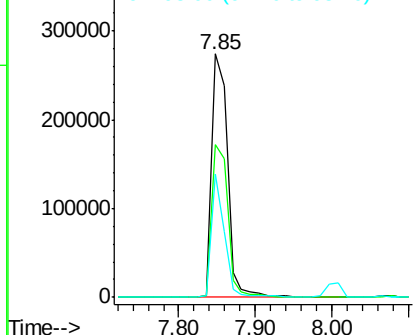
#29
2,4-Dichlorophenol
Concen: 37.06 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:162 Resp: 390813
Ion Ratio Lower Upper
162 100
164 63.0 42.2 82.2
98 50.8 19.0 59.0

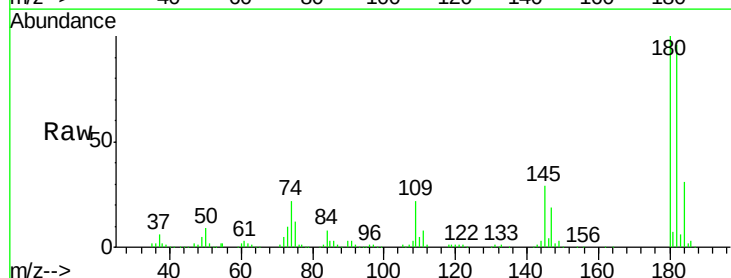


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

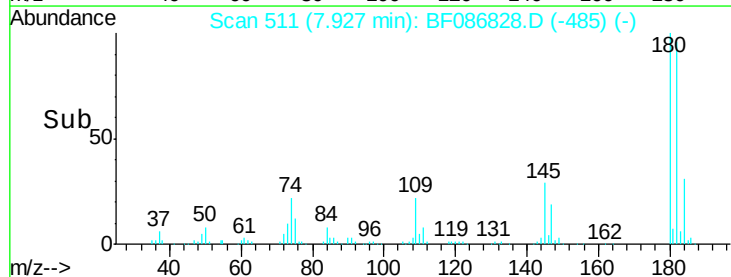
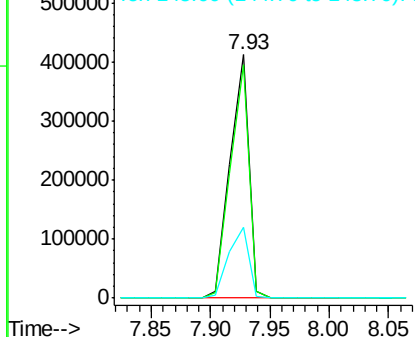


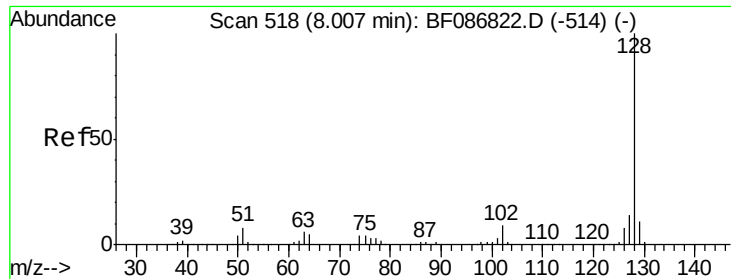
#30
1,2,4-Trichlorobenzene
Concen: 38.63 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:180 Resp: 455440
Ion Ratio Lower Upper
180 100
182 95.6 78.0 117.0
145 29.3 24.2 36.2



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: 36.66 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

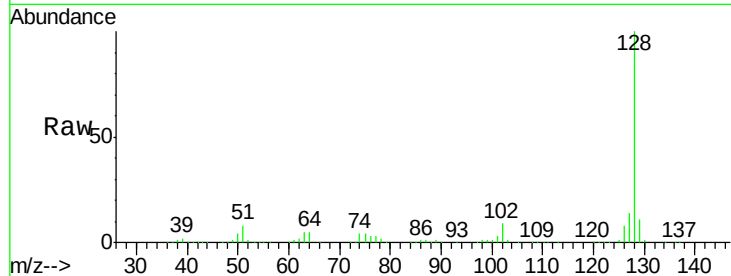
Tgt Ion:128 Resp: 1434045

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

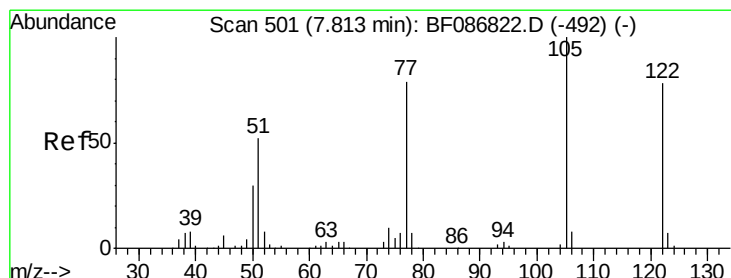
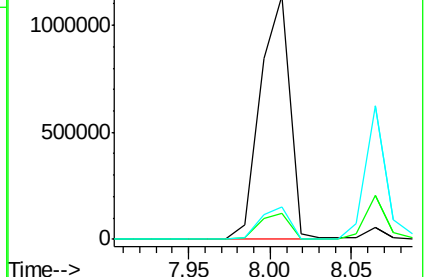
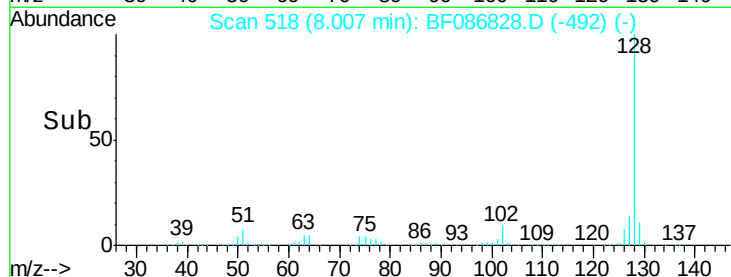
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.92 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

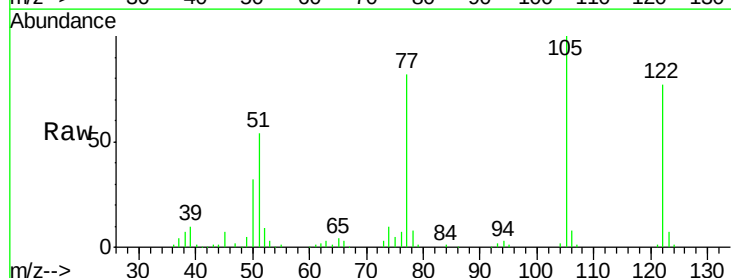
Tgt Ion:122 Resp: 294939

Ion Ratio Lower Upper

122 100

105 129.3 92.6 132.6

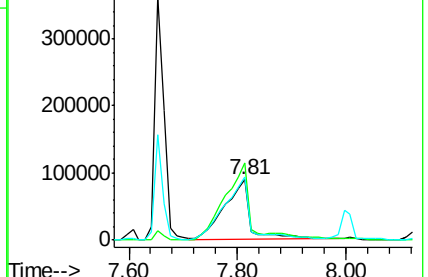
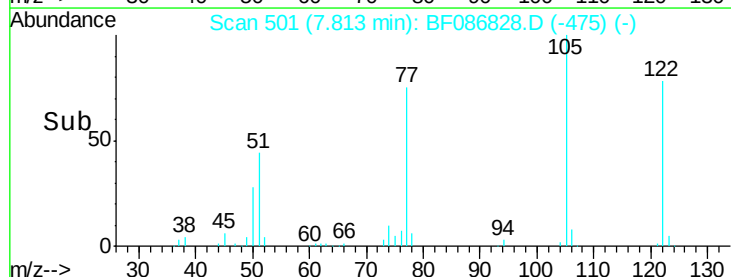
77 105.4 60.0 100.0#

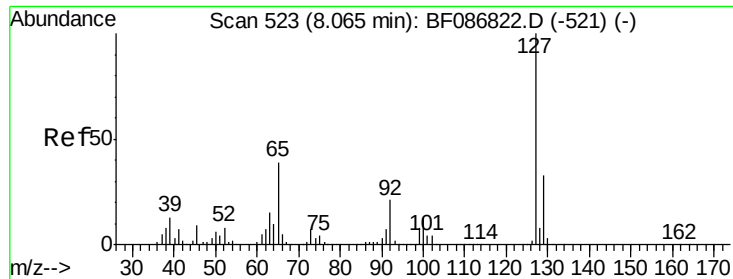


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

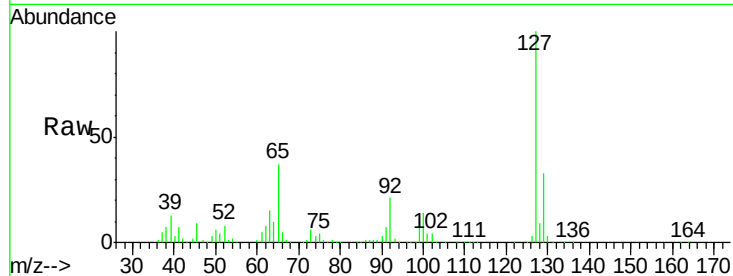




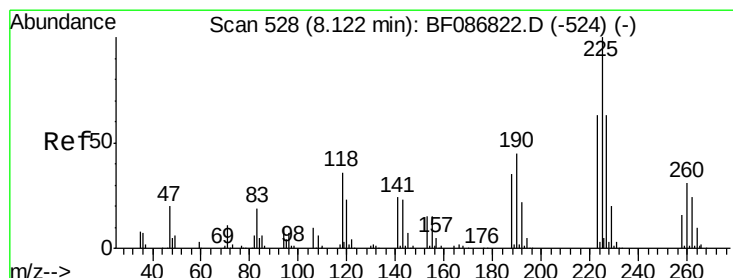
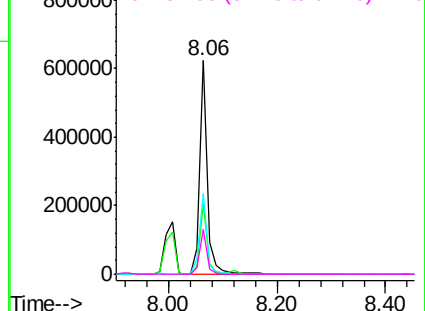
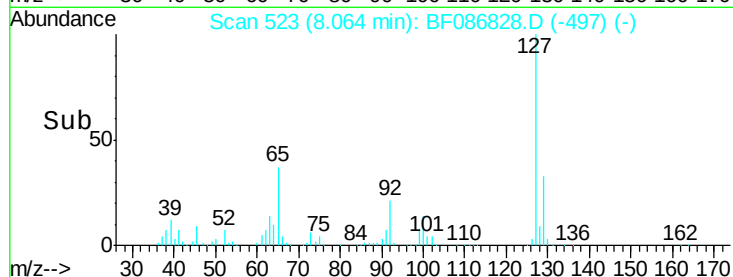
#33
 4-Chloroaniline
 Concen: 38.83 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	127	Resp:	590122
Ion	Ratio	Lower	Upper
127	100		
129	33.2	26.2	39.4
65	37.5	23.0	34.4
92	21.2	15.1	22.7

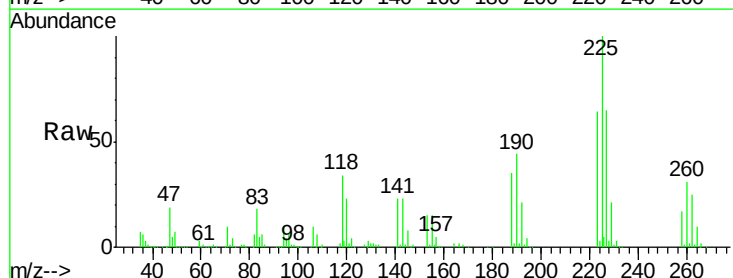


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

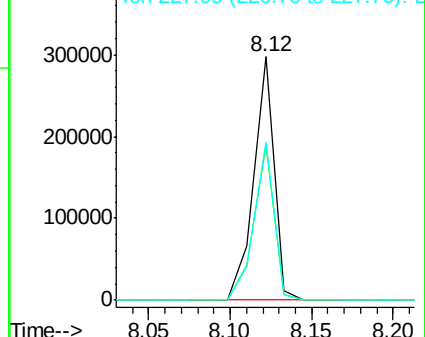
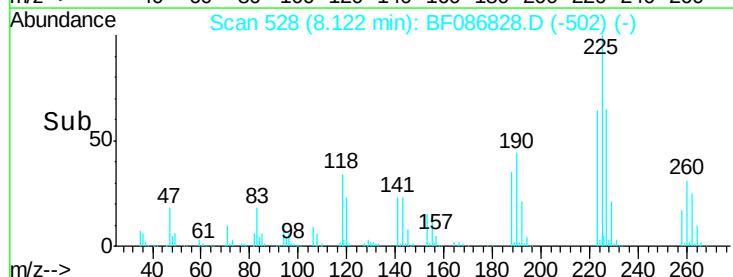


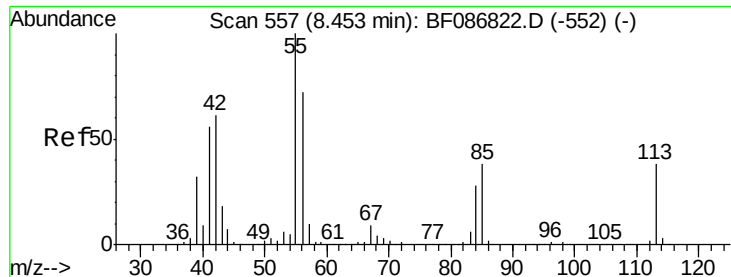
#34
 Hexachlorobutadiene
 Concen: 37.78 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:	225	Resp:	258419
Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.5	77.3
227	65.0	52.2	78.2



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: 36.20 ng

RT: 8.45 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

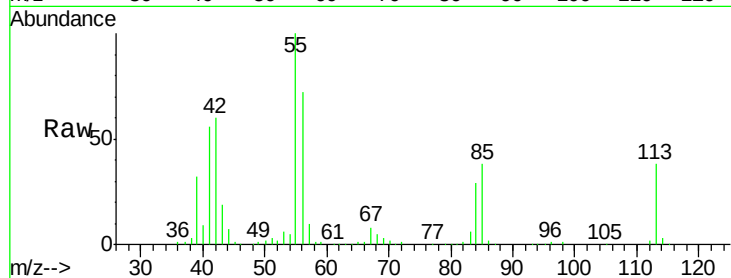
Tgt Ion:113 Resp: 129853

Ion Ratio Lower Upper

113 100

55 261.0 162.0 202.0#

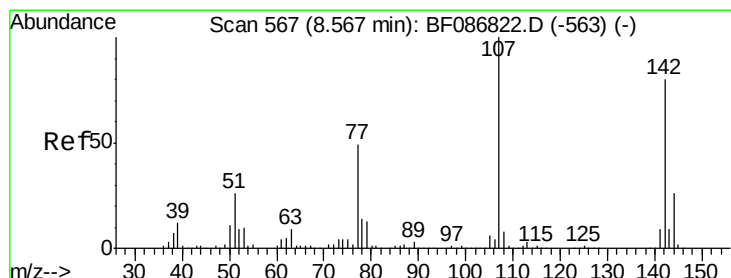
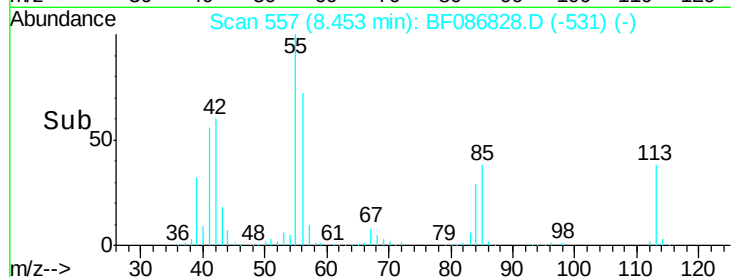
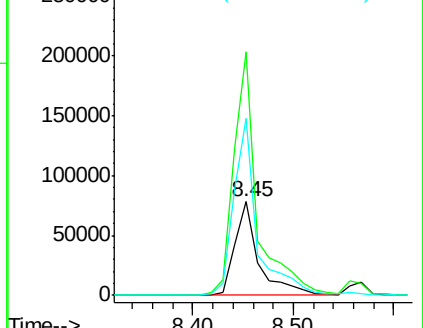
56 189.2 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 36.62 ng

RT: 8.57 min Scan# 567

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

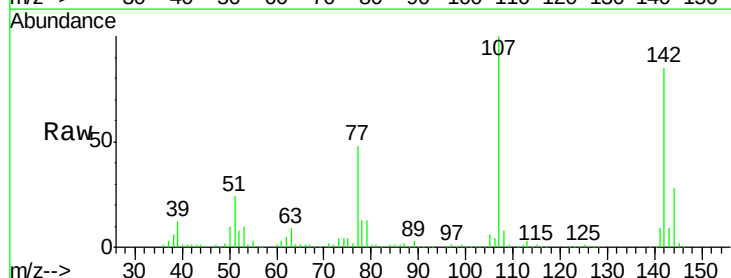
Tgt Ion:107 Resp: 468314

Ion Ratio Lower Upper

107 100

144 27.7 20.7 31.1

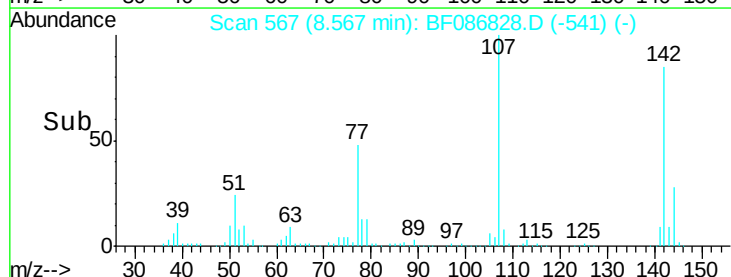
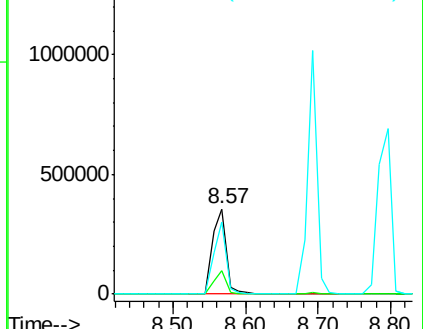
142 84.9 63.2 94.8

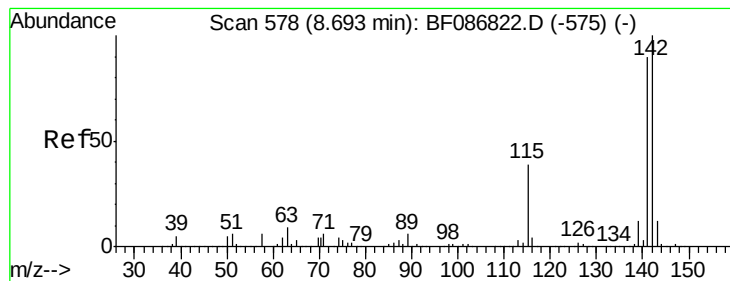


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.53 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

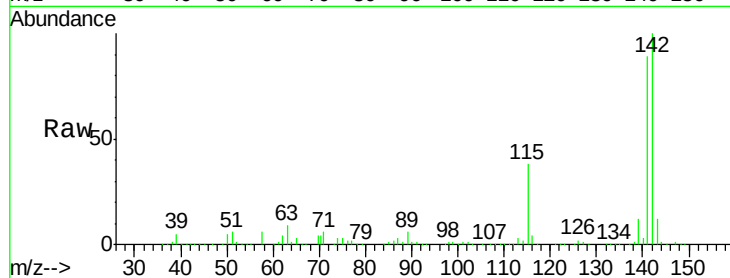
Tgt Ion:142 Resp: 904064

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

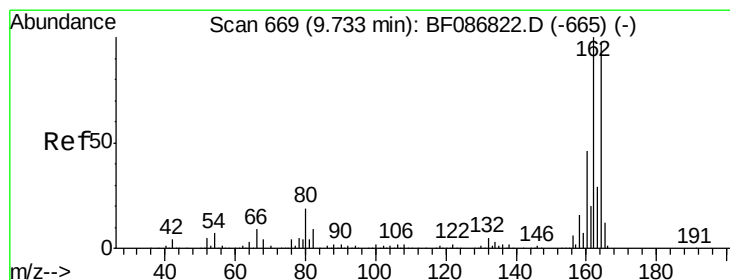
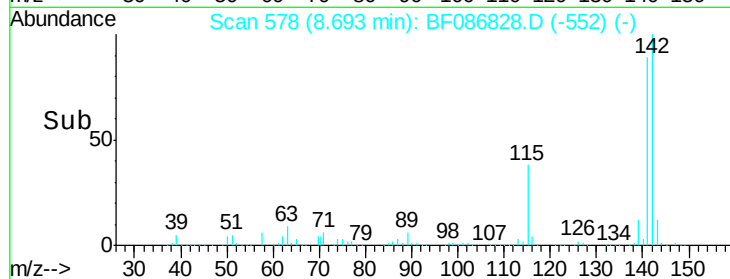
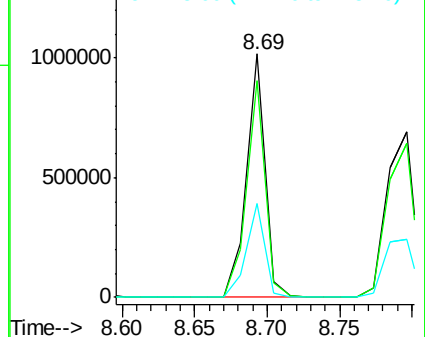
115 38.3 26.6 39.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

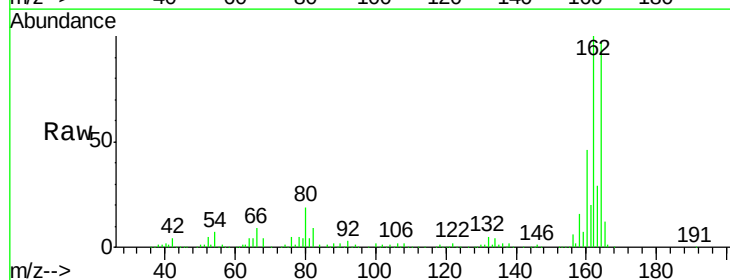
Tgt Ion:164 Resp: 384929

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

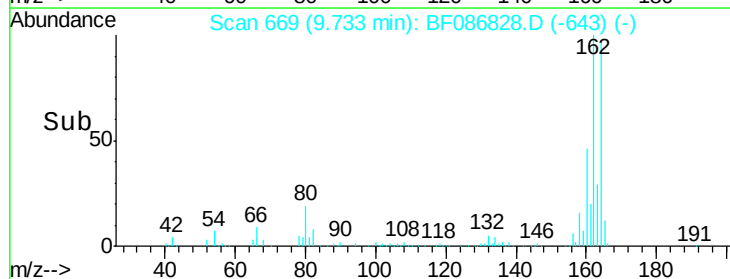
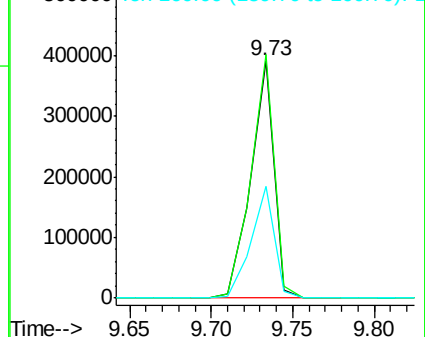
160 47.1 36.9 55.3

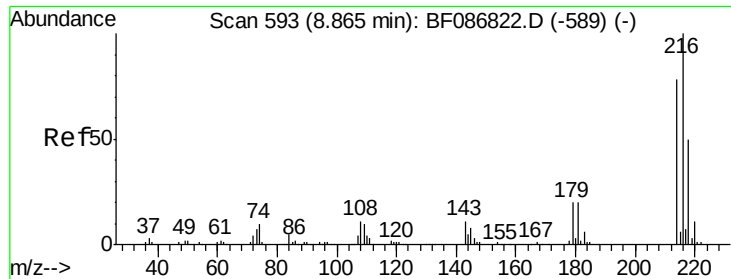


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

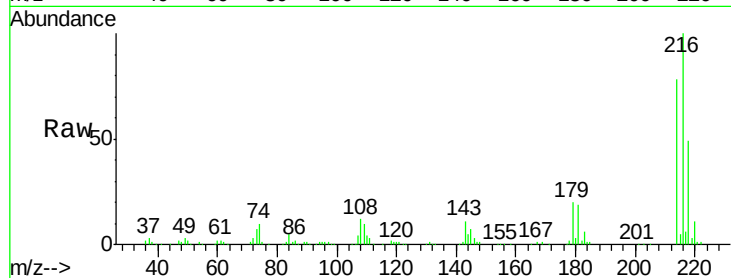




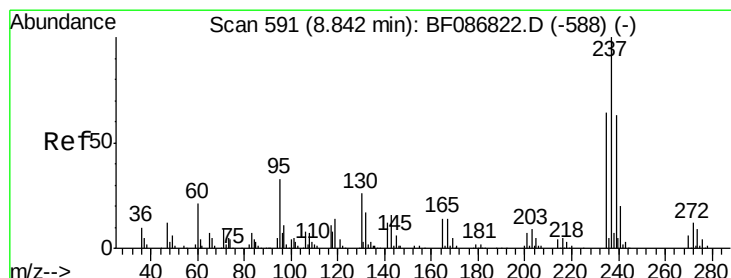
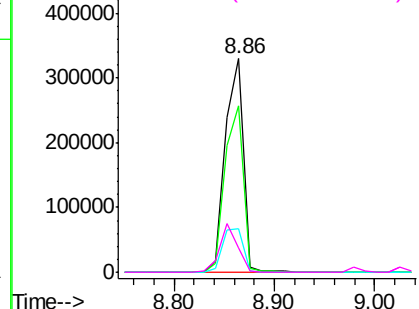
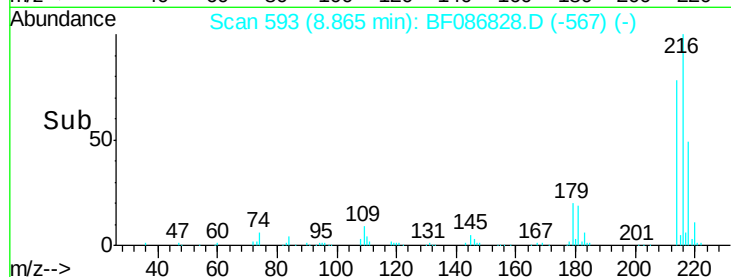
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.83 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	216	Resp:	412206
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	93.8
179	23.1	18.2	27.4
108	22.5	17.5	26.3

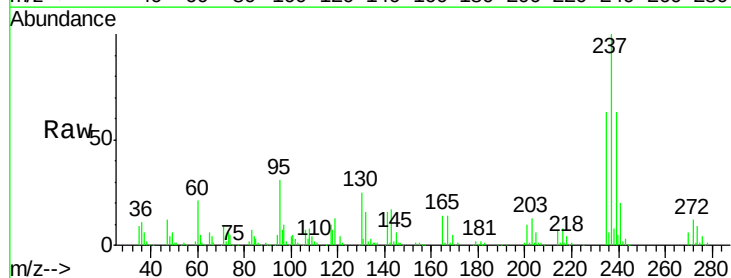


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

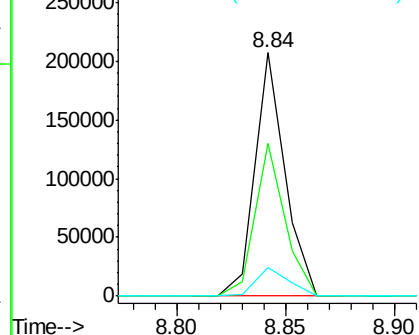
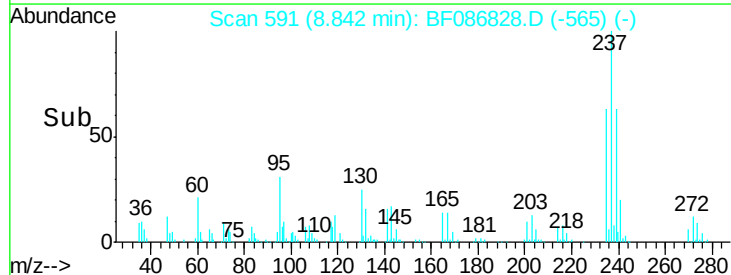


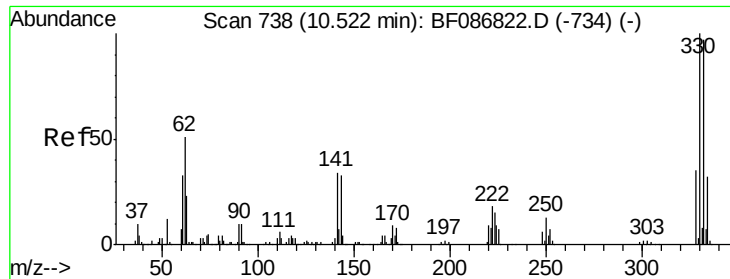
#40
 Hexachlorocyclopentadiene
 Concen: 37.25 ng
 RT: 8.84 min Scan# 591
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:	237	Resp:	197888
Ion	Ratio	Lower	Upper
237	100		
235	63.0	47.2	87.2
272	11.7	0.0	31.1



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

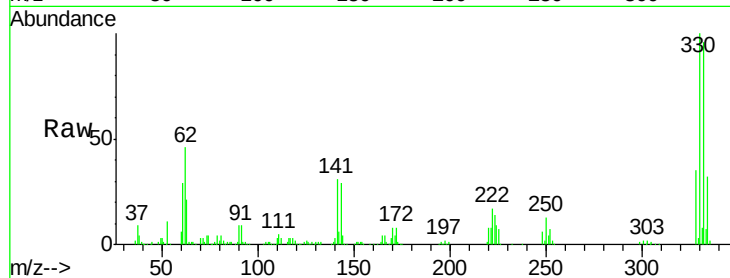




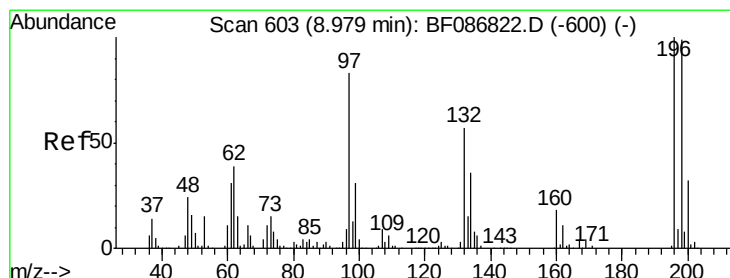
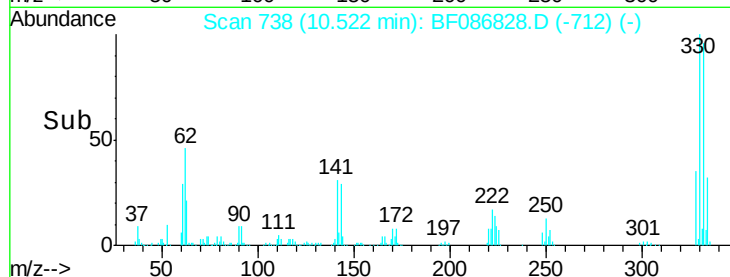
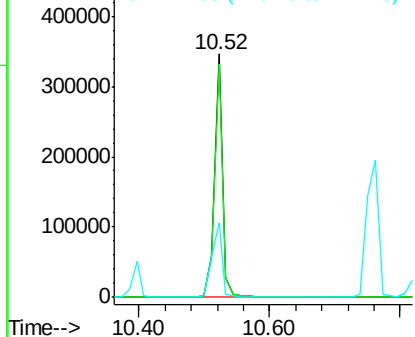
#41
 2,4,6-Tribromophenol
 Concen: 75.74 ng
 RT: 10.52 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 308635
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 38.3 31.2 46.8

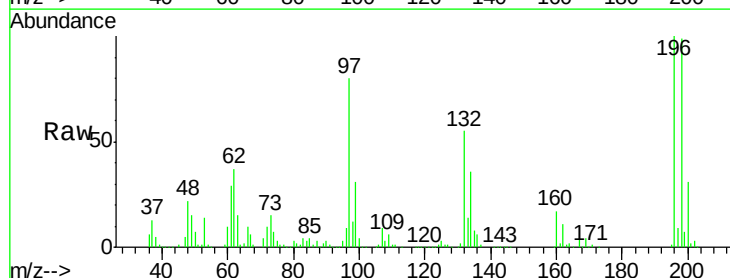


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

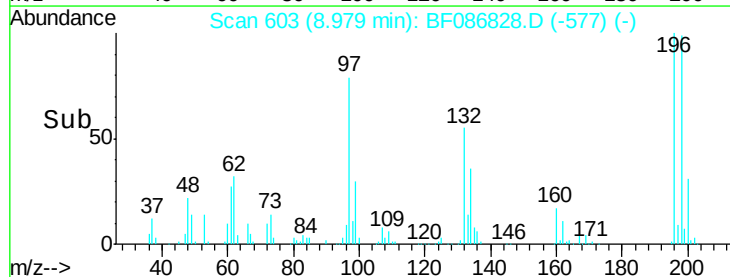
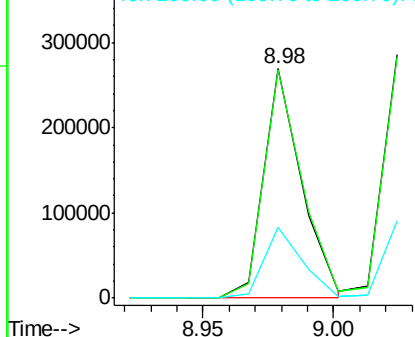


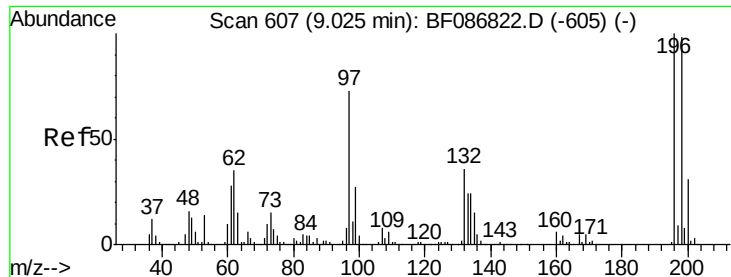
#42
 2,4,6-Trichlorophenol
 Concen: 35.85 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:196 Resp: 268301
 Ion Ratio Lower Upper
 196 100
 198 99.3 74.7 112.1
 200 31.1 23.8 35.6



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

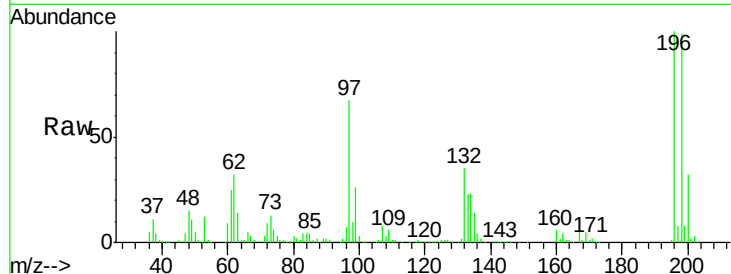




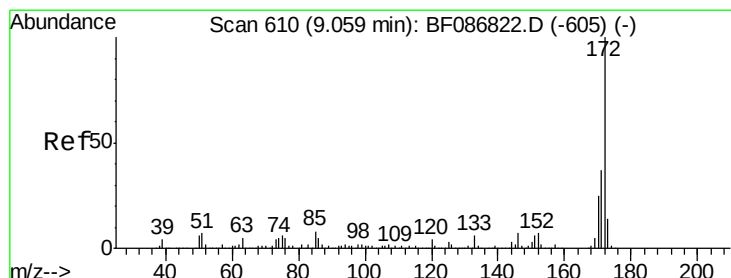
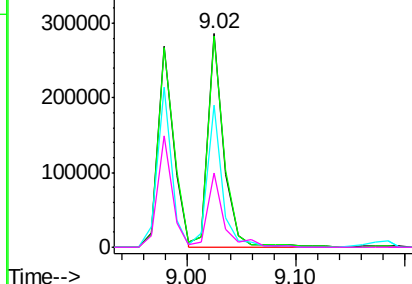
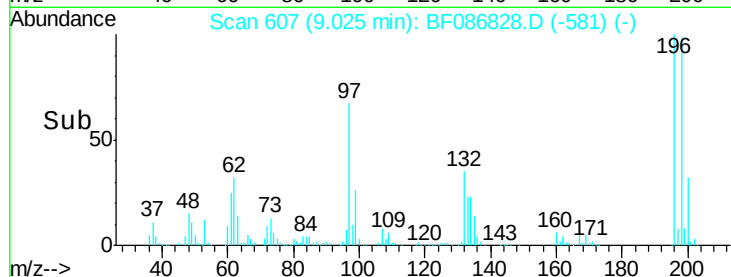
#43
 2,4,5-Trichlorophenol
 Concen: 37.62 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 291171
 Ion Ratio Lower Upper
 196 100
 198 99.0 77.5 116.3
 97 66.8 34.8 52.2#
 132 34.8 23.0 34.4#

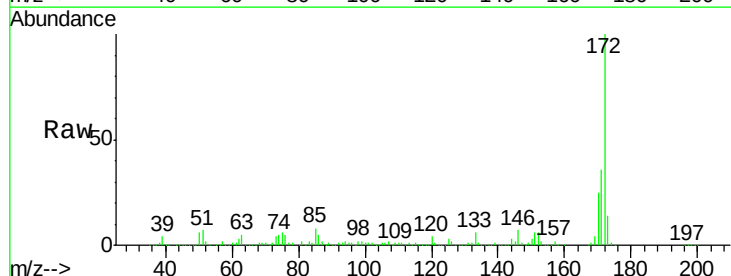


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

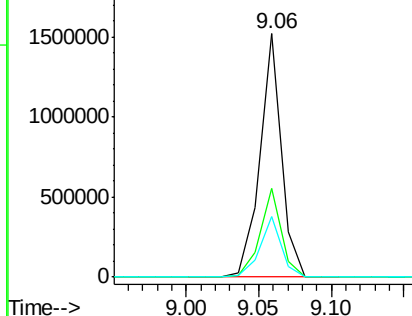
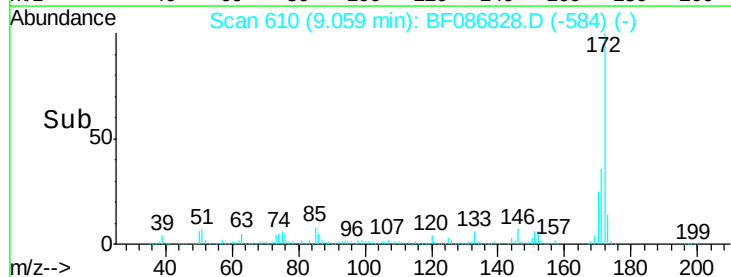


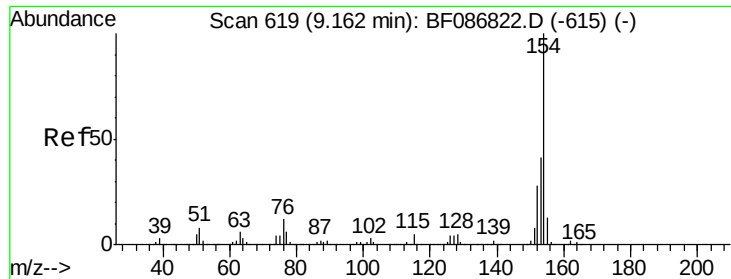
#44
 2-Fluorobiphenyl
 Concen: 68.09 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:172 Resp: 1559408
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

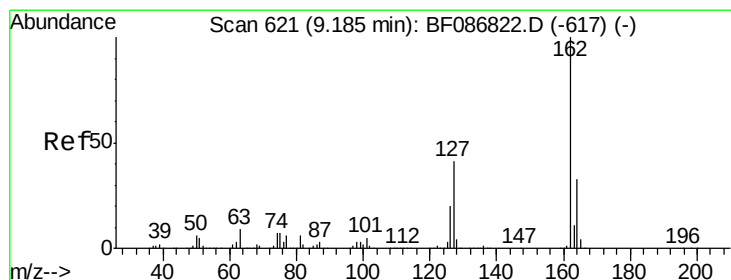
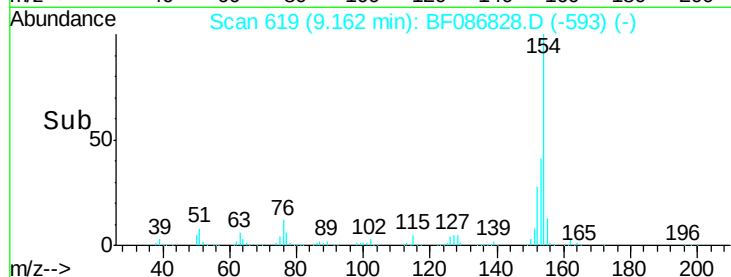
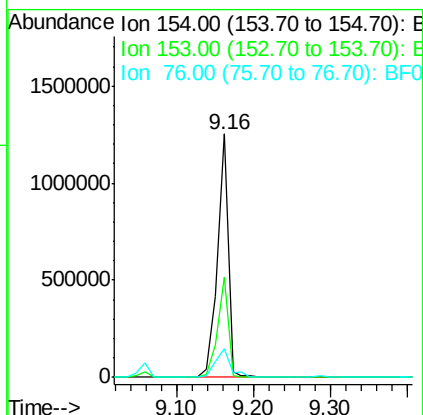
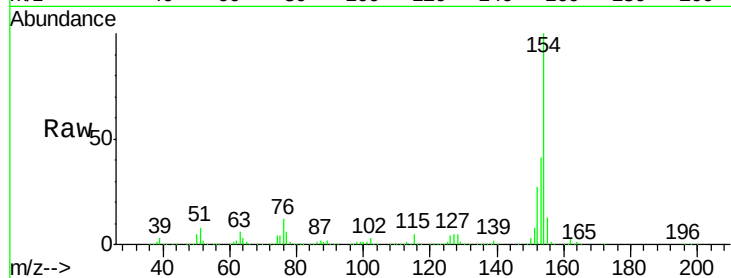




#45
 1,1'-Biphenyl
 Concen: 39.35 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

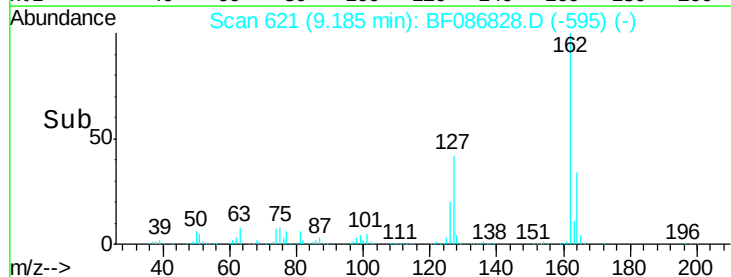
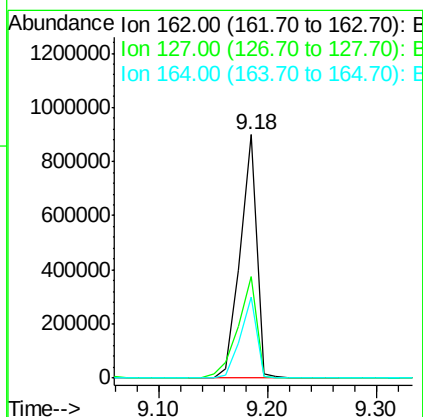
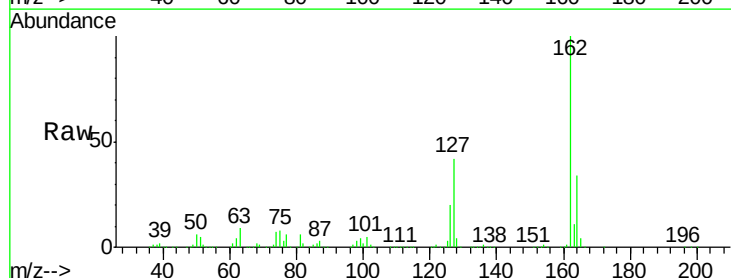
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

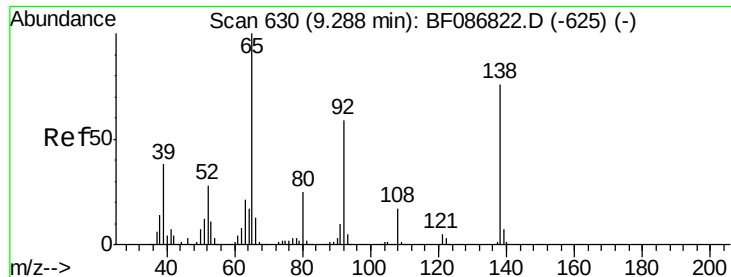
Tgt Ion:154 Resp: 1204825
 Ion Ratio Lower Upper
 154 100
 153 41.1 20.3 60.3
 76 11.8 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 38.85 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:162 Resp: 931846
 Ion Ratio Lower Upper
 162 100
 127 41.6 31.8 47.6
 164 33.5 27.0 40.6





#47

2-Nitroaniline

Concen: 36.33 ng

RT: 9.29 min Scan# 630

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

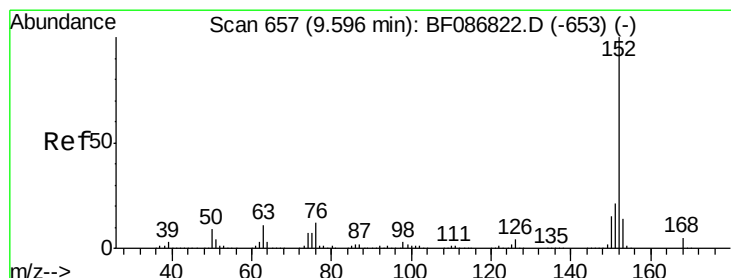
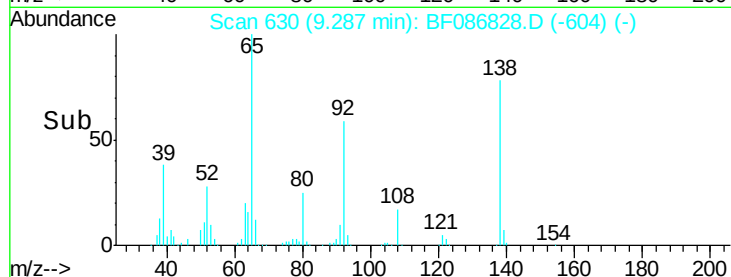
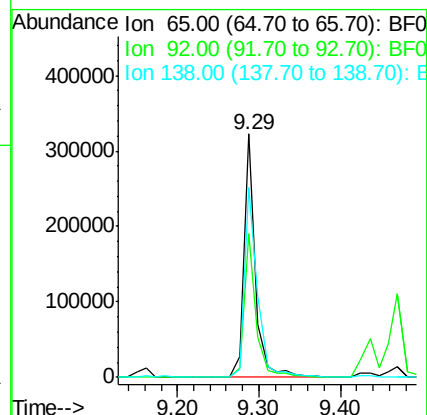
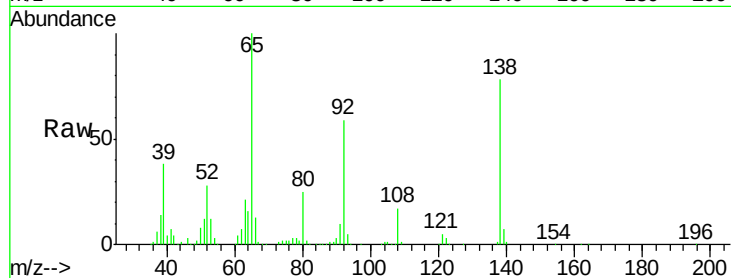
Tgt Ion: 65 Resp: 318494

Ion Ratio Lower Upper

65 100

92 58.9 57.4 86.2

138 77.9 90.1 135.1#



#48

Acenaphthylene

Concen: 39.99 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

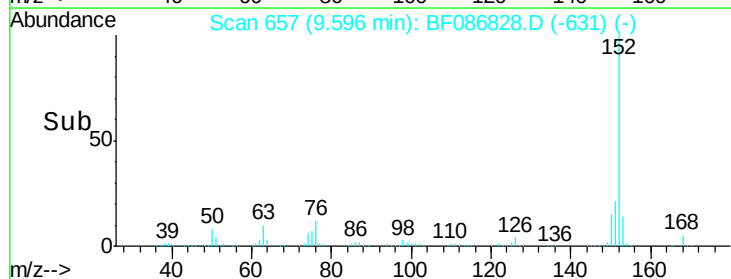
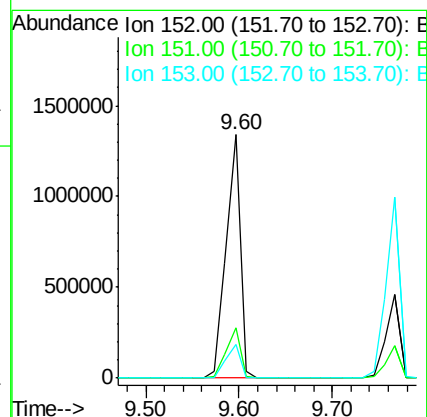
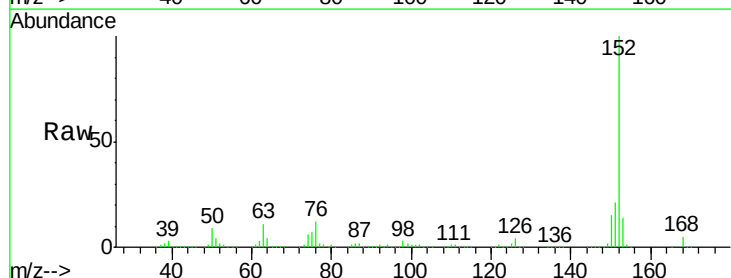
Tgt Ion: 152 Resp: 1410868

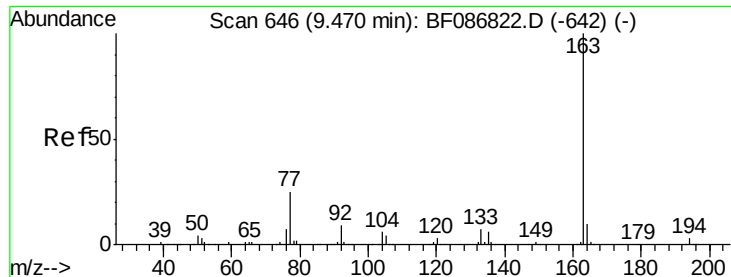
Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

153 13.9 10.9 16.3





#49

Dimethylphthalate

Concen: 35.80 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

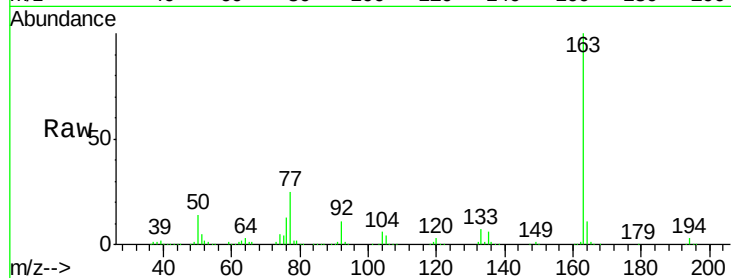
Tgt Ion:163 Resp: 1051423

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

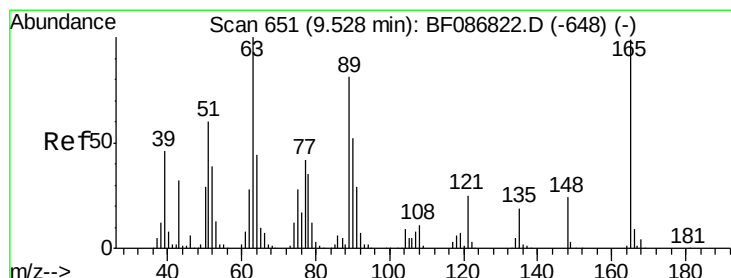
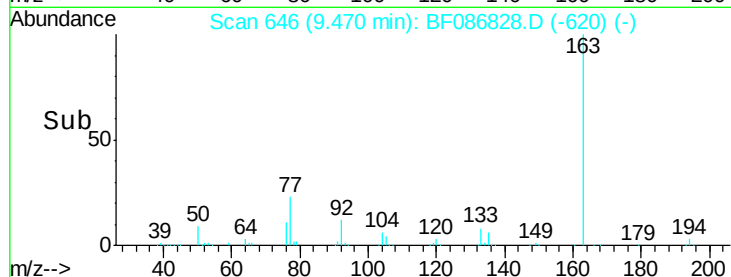
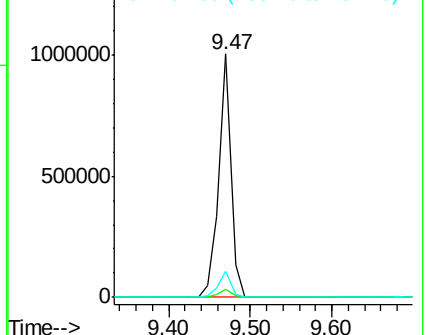
164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.96 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

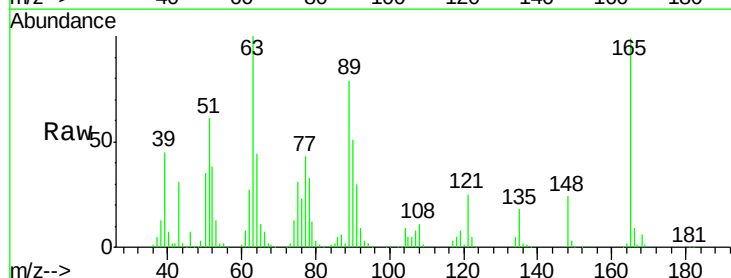
Tgt Ion:165 Resp: 222240

Ion Ratio Lower Upper

165 100

63 100.8 51.8 77.8#

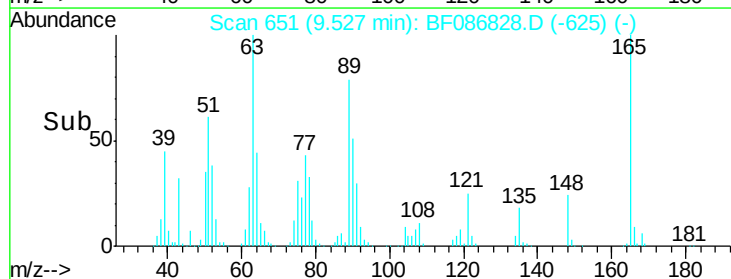
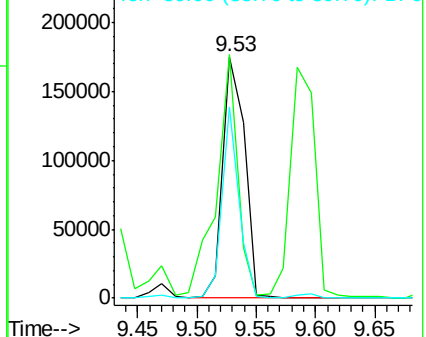
89 79.4 50.7 76.1#

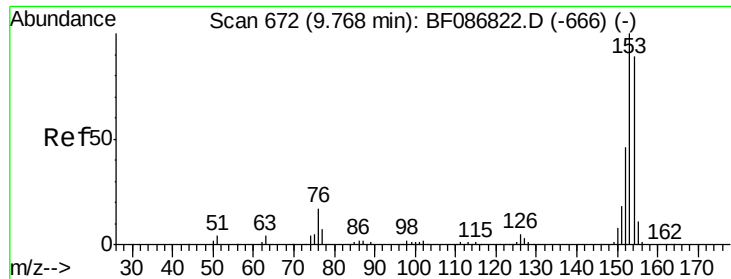


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.77 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

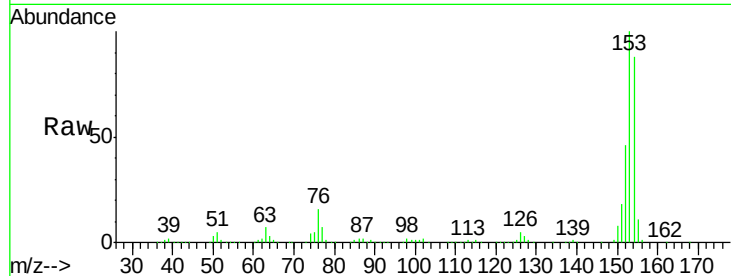
Tgt Ion:154 Resp: 894828

Ion Ratio Lower Upper

154 100

153 113.7 89.8 134.6

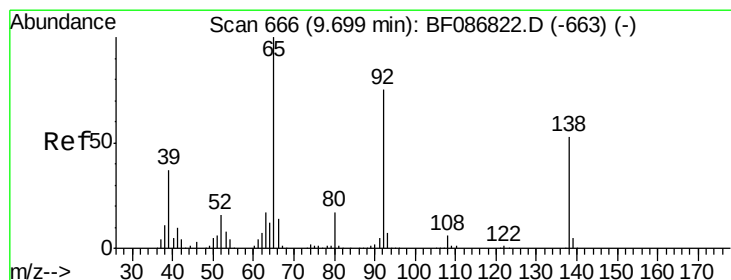
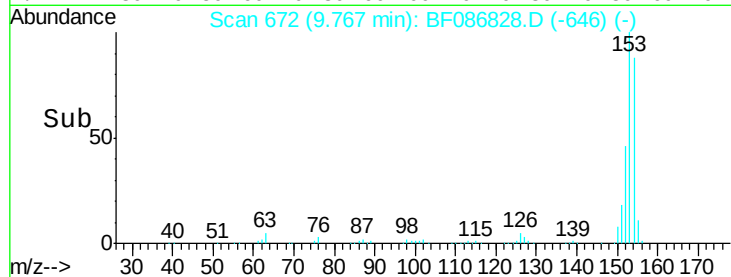
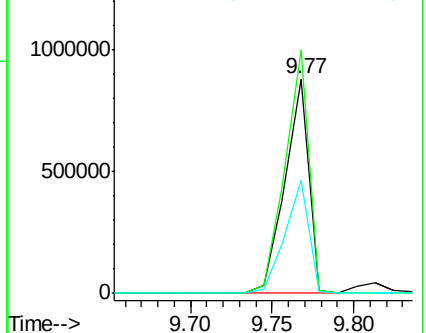
152 52.5 43.4 65.0



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: 36.91 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

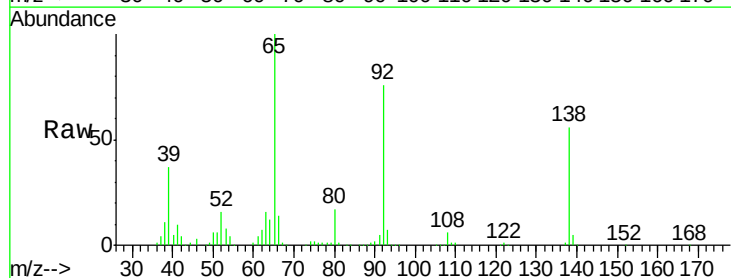
Tgt Ion:138 Resp: 240174

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.6

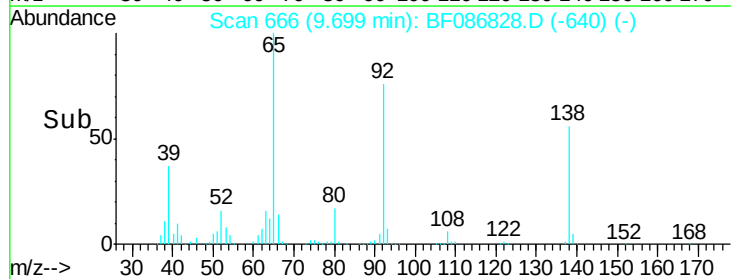
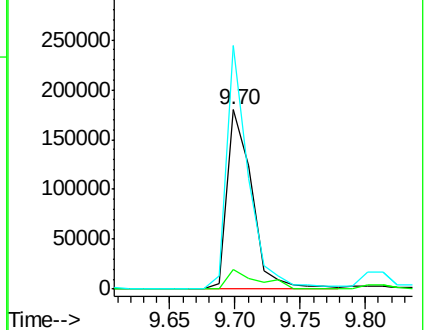
92 135.9 87.8 131.8#

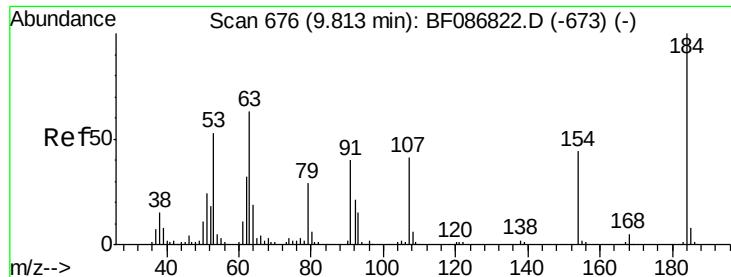


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

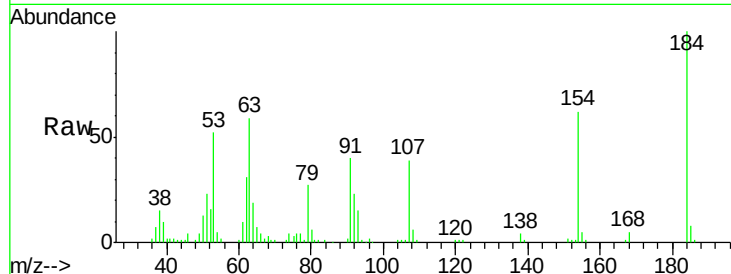




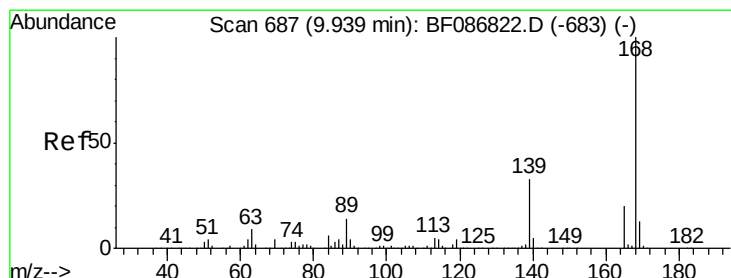
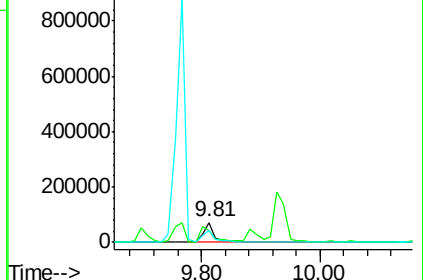
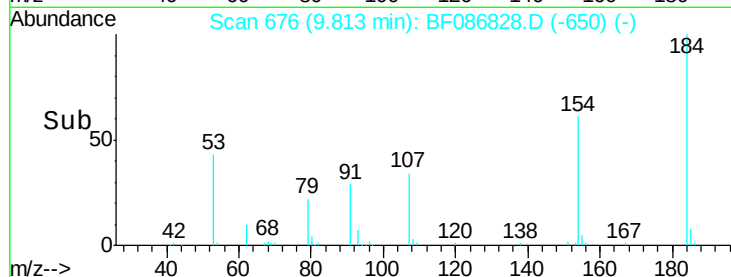
#53
 2,4-Dinitrophenol
 Concen: 37.38 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:184 Resp: 103745
 Ion Ratio Lower Upper
 184 100
 63 59.0 55.8 83.8
 154 62.1 62.4 93.6#

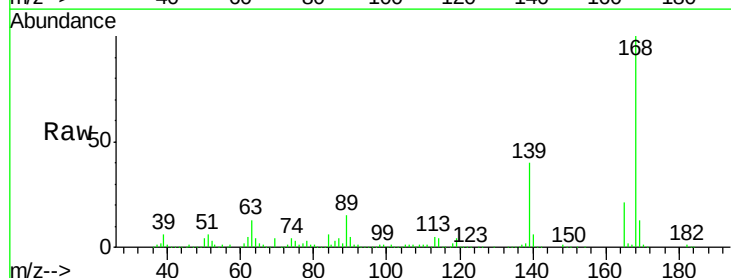


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

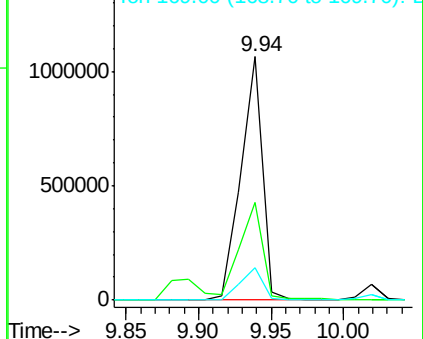
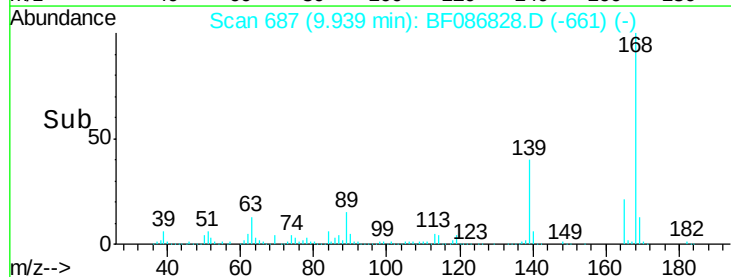


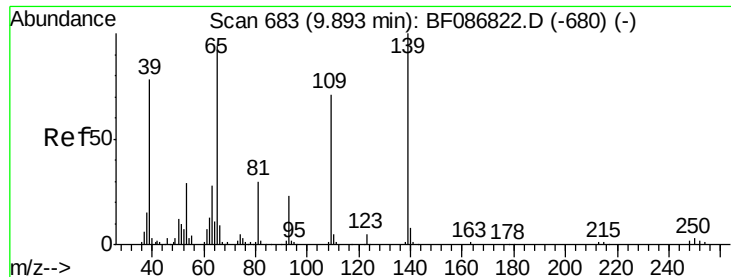
#54
 Dibenzofuran
 Concen: 39.02 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:168 Resp: 1099252
 Ion Ratio Lower Upper
 168 100
 139 40.4 31.4 47.0
 169 13.3 10.7 16.1



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: 39.34 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

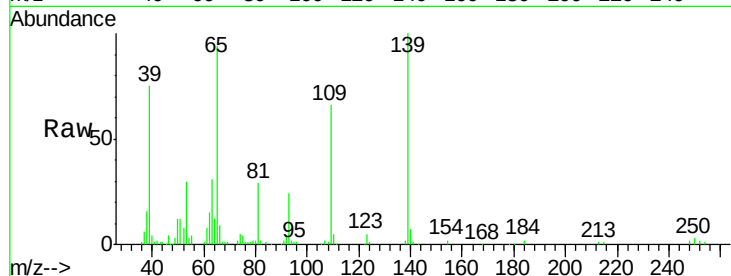
Tgt Ion:139 Resp: 160033

Ion Ratio Lower Upper

139 100

109 65.8 36.9 76.9

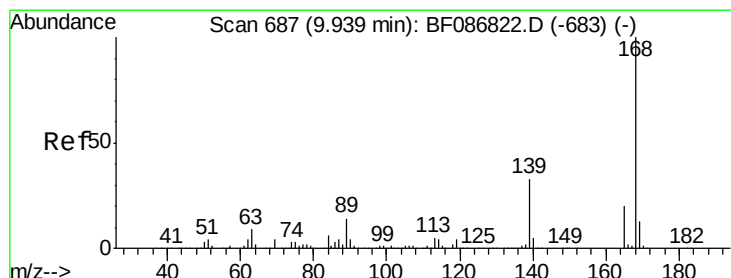
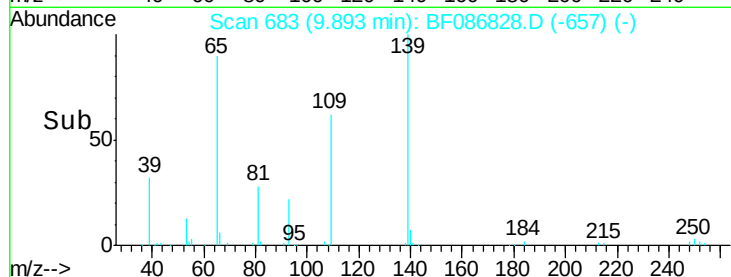
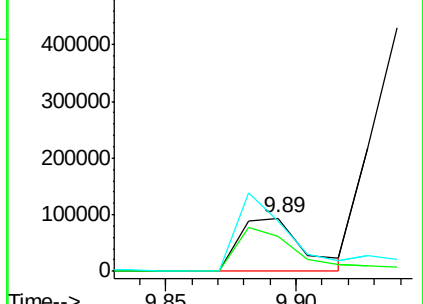
65 94.2 64.0 104.0



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: 38.50 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:165 Resp: 294478

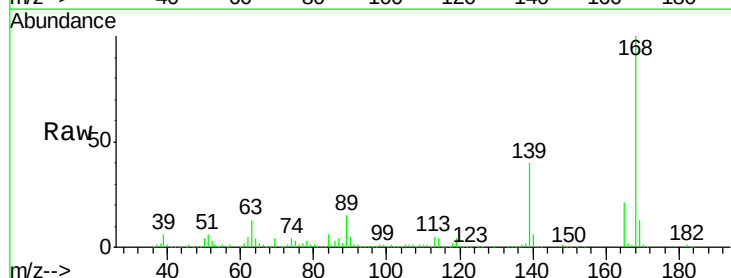
Ion Ratio Lower Upper

165 100

63 61.7 44.3 66.5

89 71.4 70.0 105.0

182 2.4 1.8 2.6

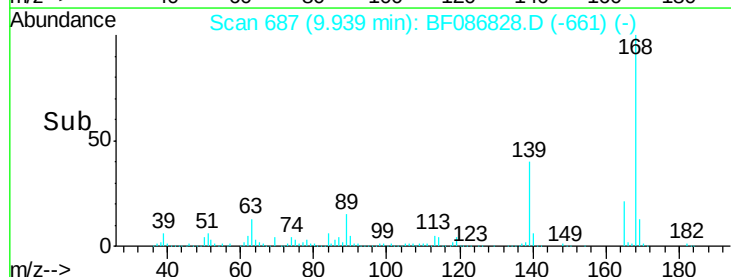
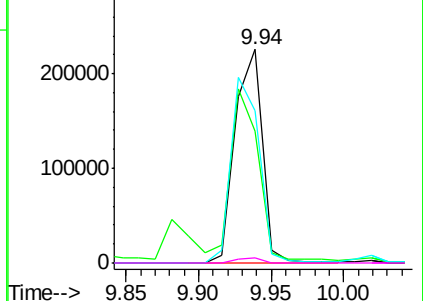


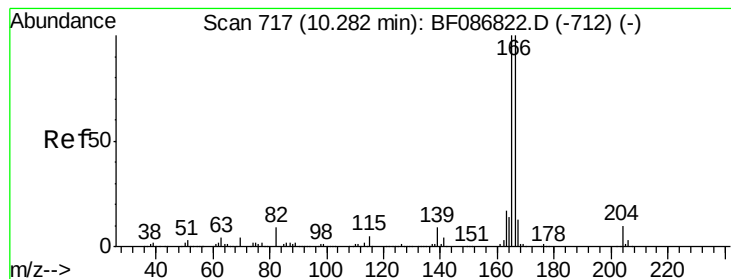
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.65 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

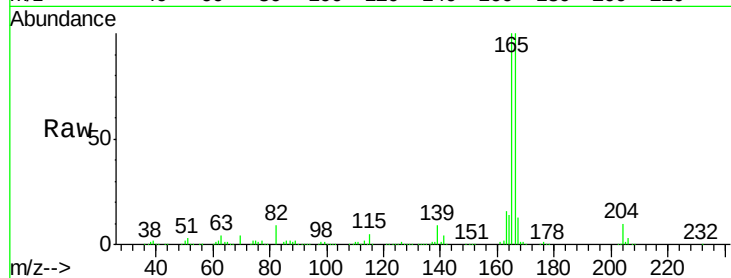
Tgt Ion:166 Resp: 952807

Ion Ratio Lower Upper

166 100

165 99.7 79.0 118.6

167 13.2 10.6 15.8



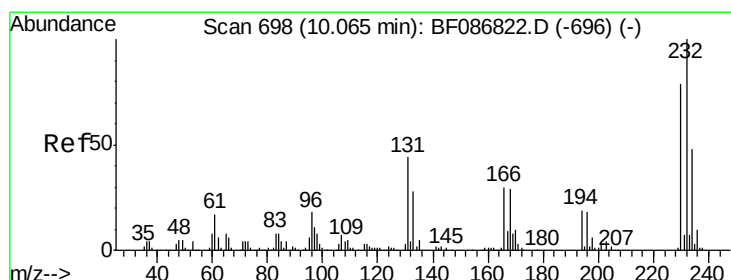
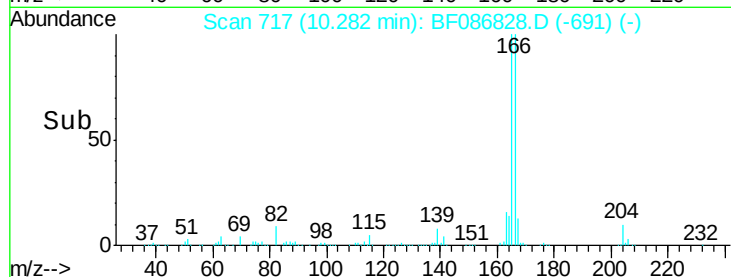
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.28

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.41 ng

RT: 10.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion:232 Resp: 229658

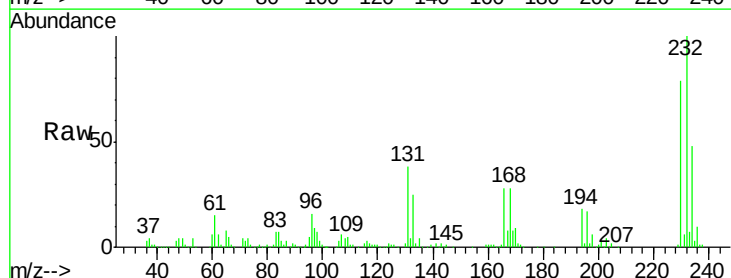
Ion Ratio Lower Upper

232 100

131 49.9 41.9 62.9

130 2.4 2.2 3.4

166 31.6 26.8 40.2



Abundance Ion 232.00 (231.70 to 232.70): E

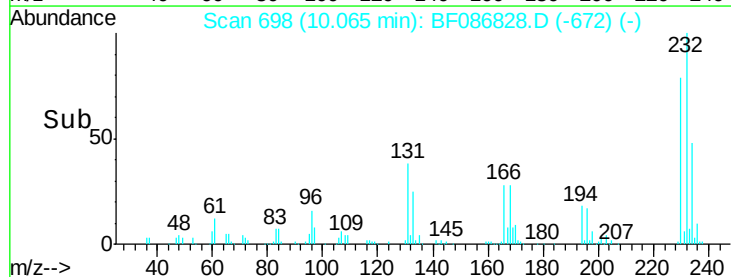
Ion 131.00 (130.70 to 131.70): E

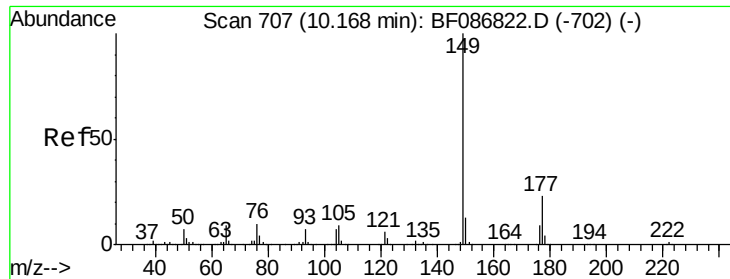
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.06

Time-->

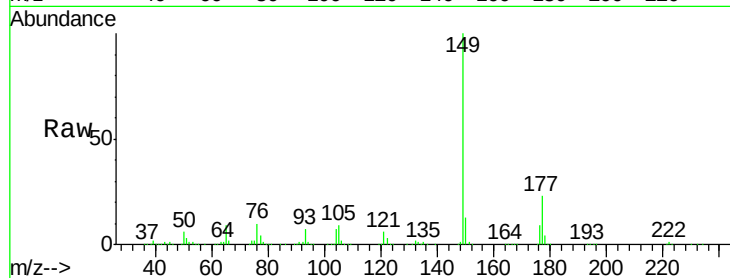




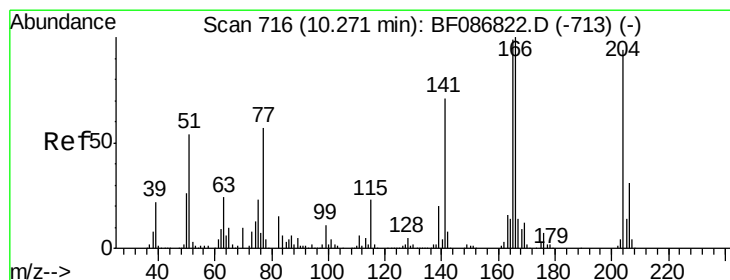
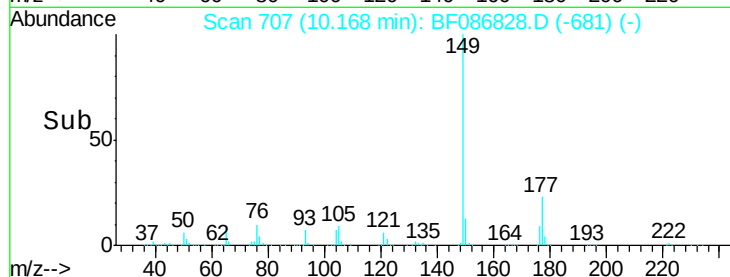
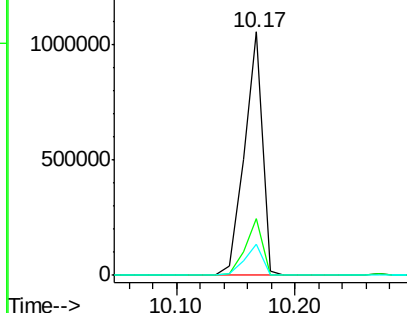
#59
Diethylphthalate
Concen: 38.80 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 1110346
Ion Ratio Lower Upper
149 100
177 23.2 16.6 24.8
150 12.8 10.0 15.0

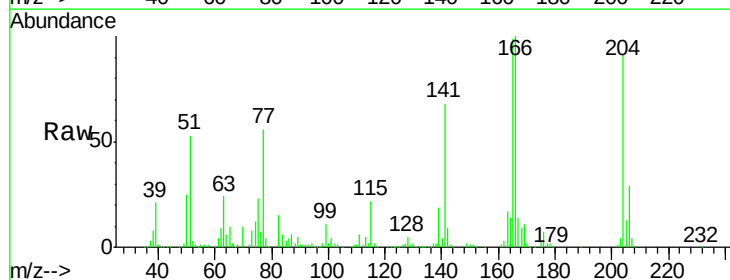


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

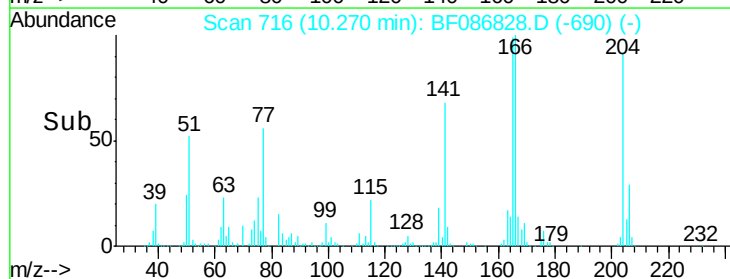
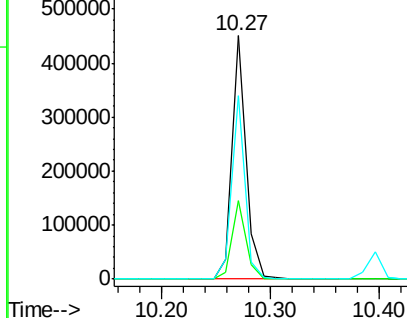


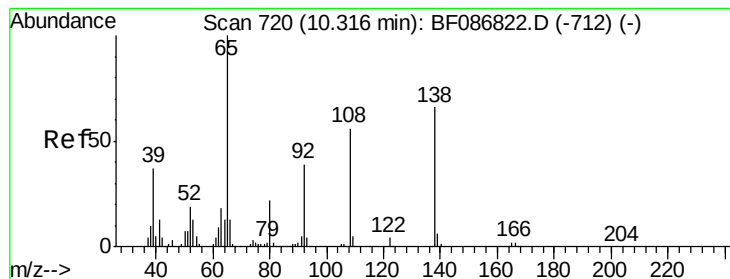
#60
4-Chlorophenyl-phenylether
Concen: 36.37 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:204 Resp: 399126
Ion Ratio Lower Upper
204 100
206 32.2 25.4 38.0
141 75.2 61.6 92.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 41.33 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

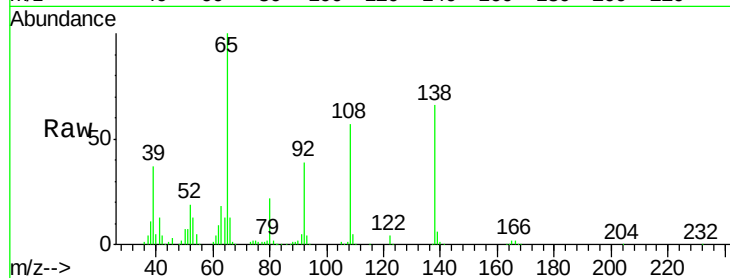
Tgt Ion:138 Resp: 258278

Ion Ratio Lower Upper

138 100

92 59.0 24.7 64.7

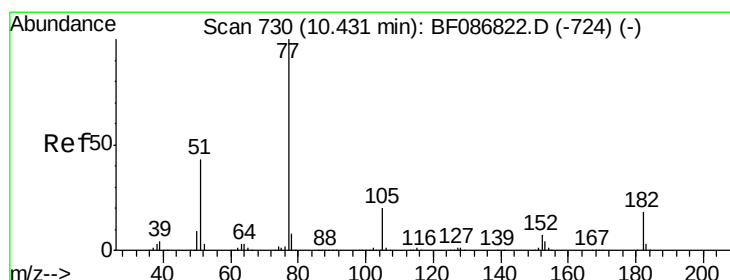
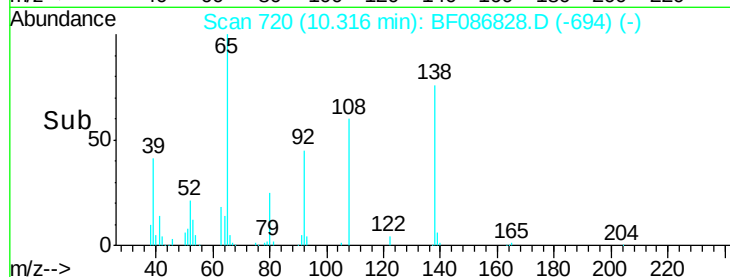
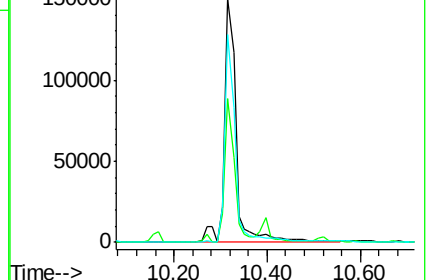
108 85.4 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.56 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Tgt Ion: 77 Resp: 1159557

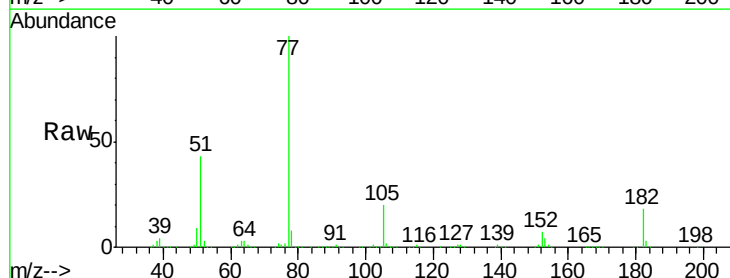
Ion Ratio Lower Upper

77 100

182 18.4 0.0 38.8

105 20.3 3.2 43.2

51 42.9 8.8 48.8

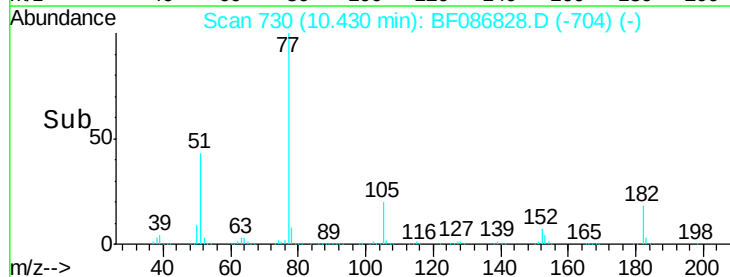
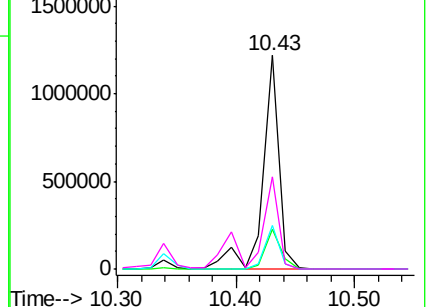


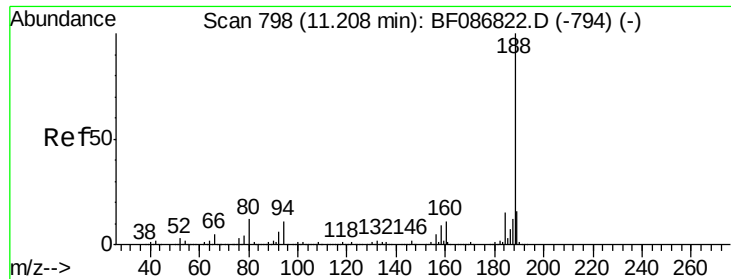
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.21 min Scan# 798

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

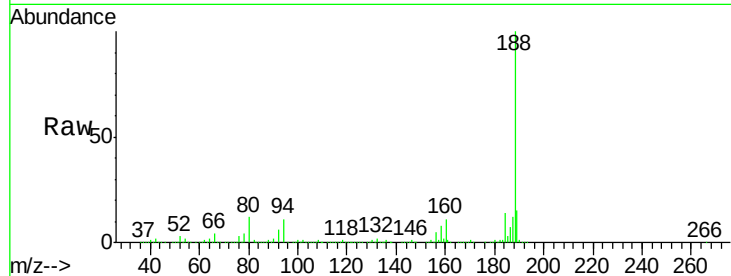
Tgt Ion:188 Resp: 697004

Ion Ratio Lower Upper

188 100

94 10.5 6.8 10.2#

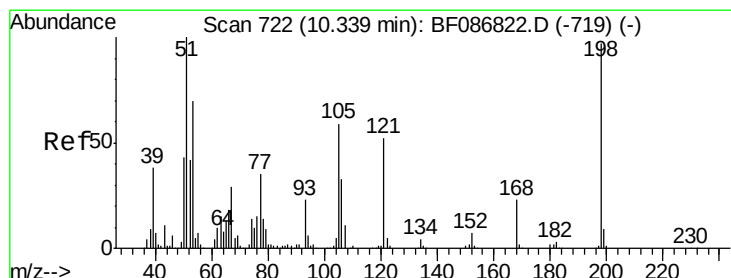
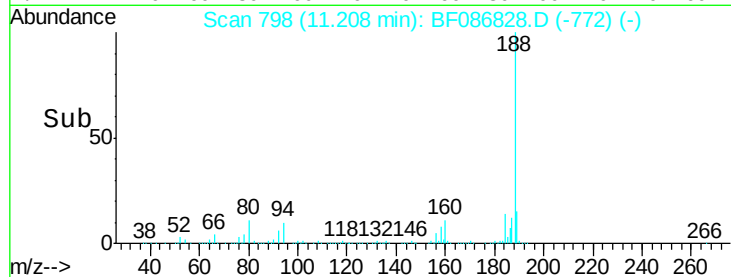
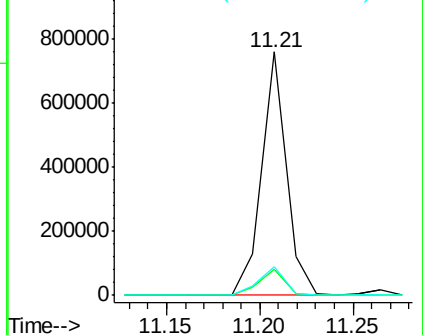
80 11.6 7.1 10.7#



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: 37.97 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

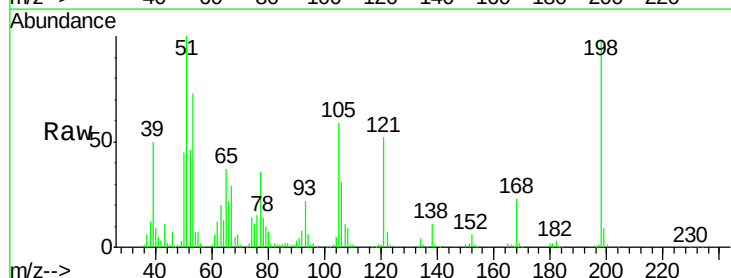
Tgt Ion:198 Resp: 164413

Ion Ratio Lower Upper

198 100

51 102.0 20.5 60.5#

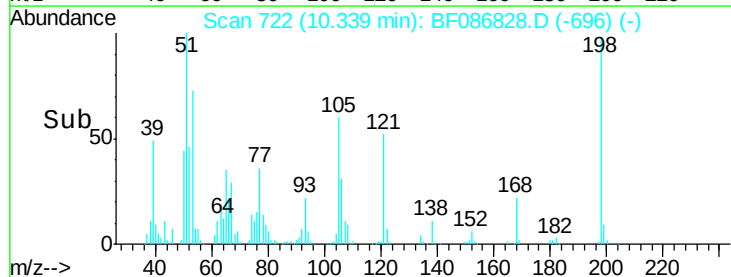
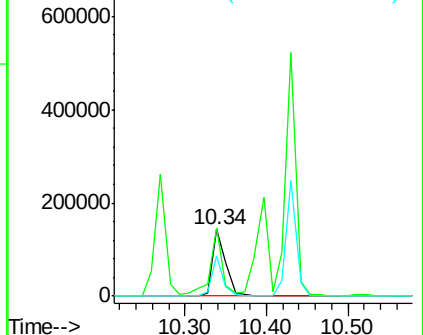
105 60.7 24.5 64.5

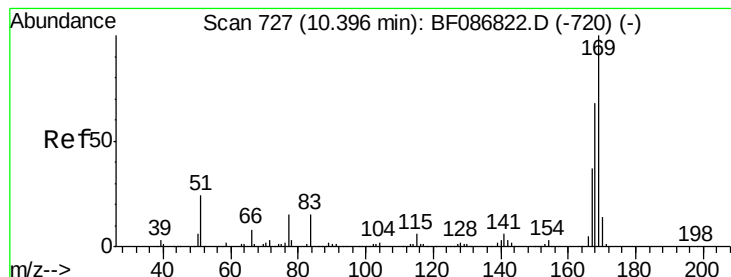


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

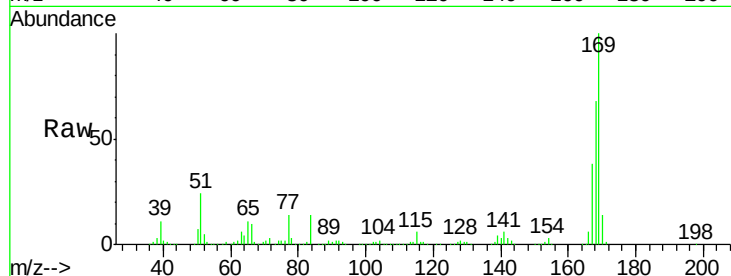




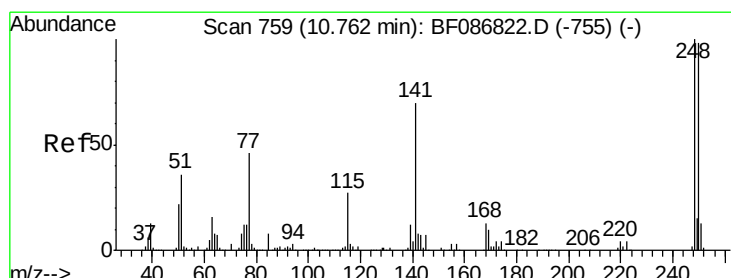
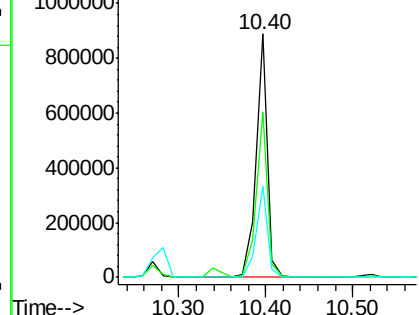
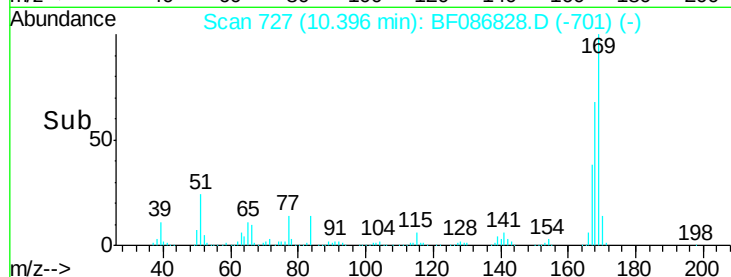
#65
 n-Nitrosodiphenylamine
 Concen: 37.94 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.0	53.8	80.6
167	37.7	29.5	44.3

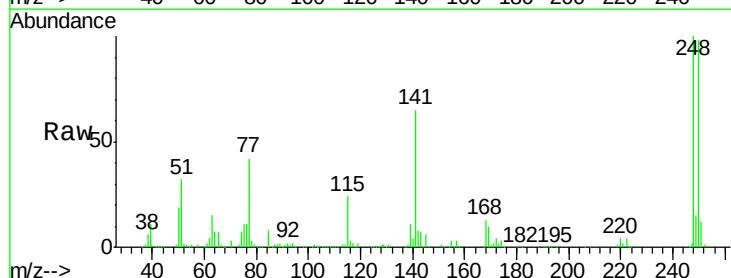


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

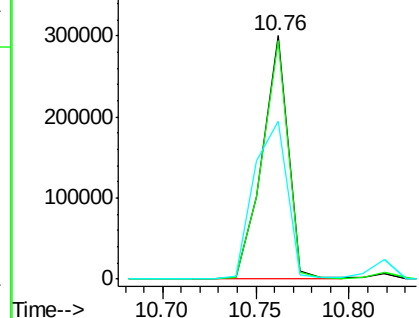
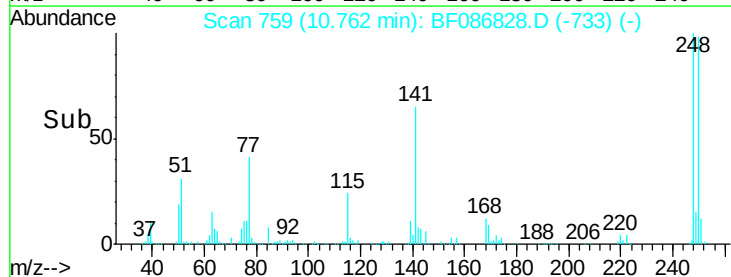


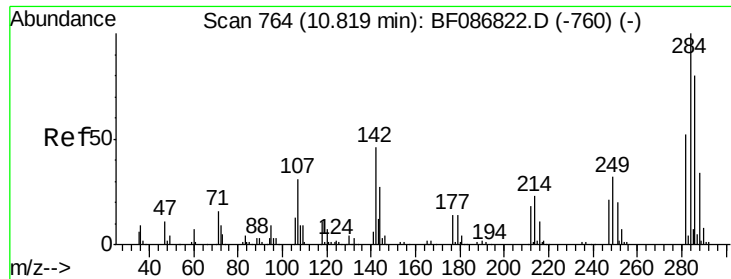
#66
 4-Bromophenyl-phenylether
 Concen: 40.42 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.6	117.8
141	65.0	76.0	114.0



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





#67

Hexachlorobenzene

Concen: 35.37 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

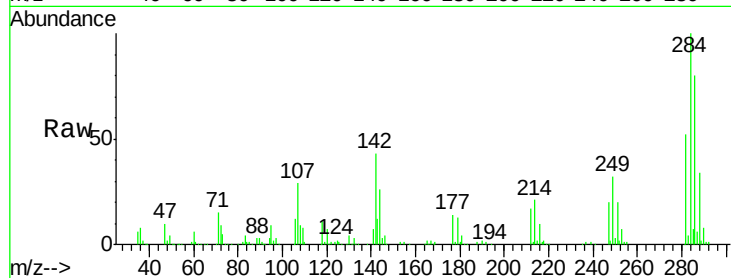
Tgt Ion:284 Resp: 292134

Ion Ratio Lower Upper

284 100

142 43.3 16.7 25.1#

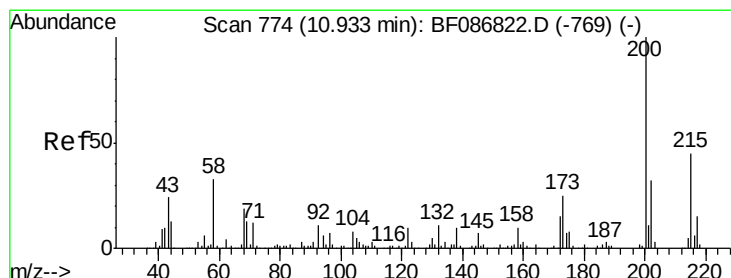
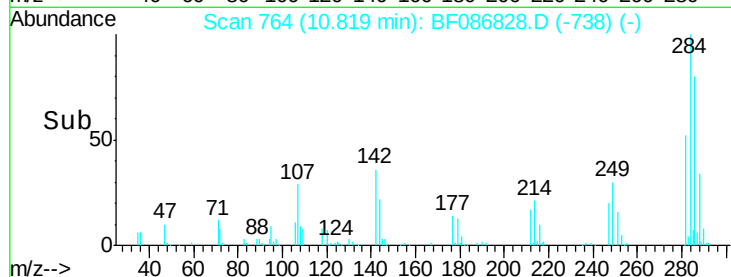
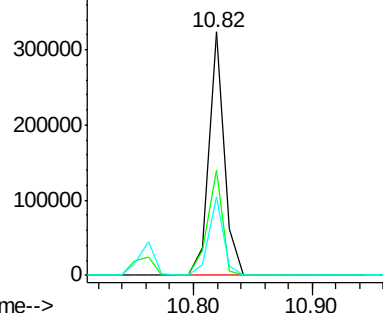
249 32.3 21.3 31.9#



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: 38.81 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

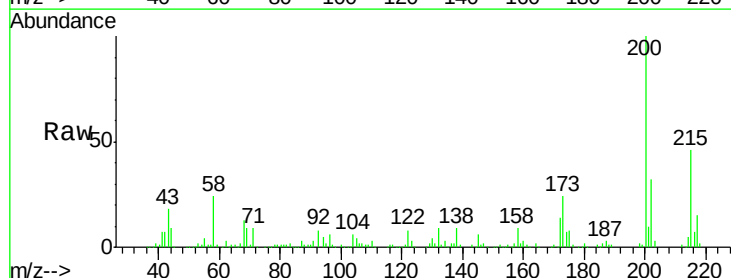
Tgt Ion:200 Resp: 277634

Ion Ratio Lower Upper

200 100

173 23.6 8.5 48.5

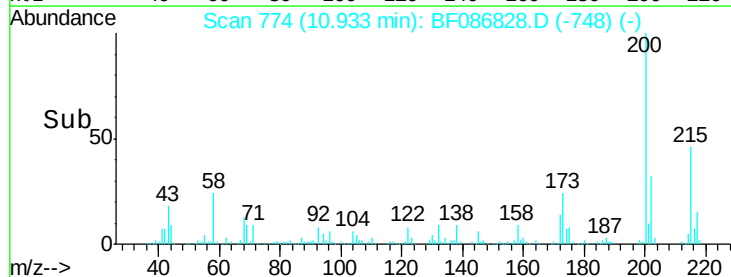
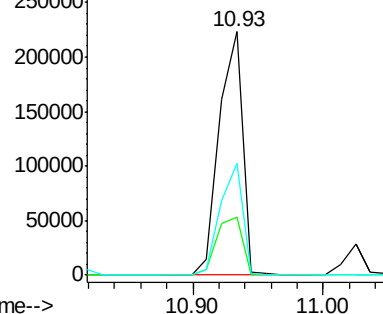
215 45.7 27.2 67.2

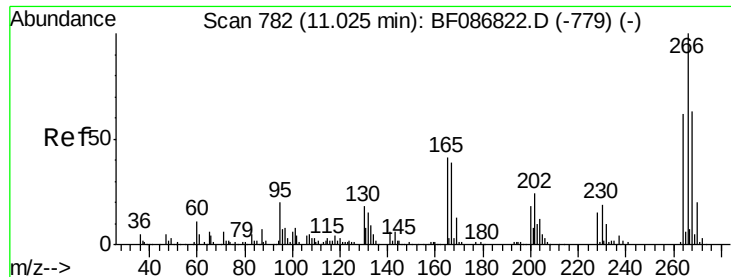


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

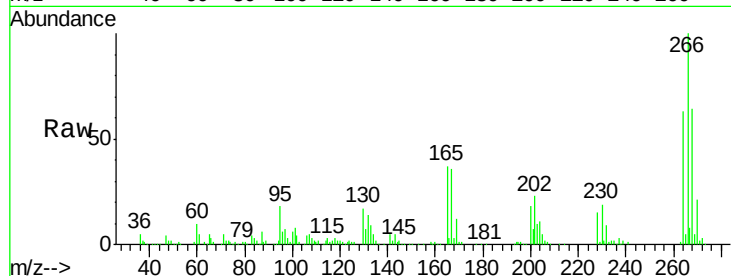




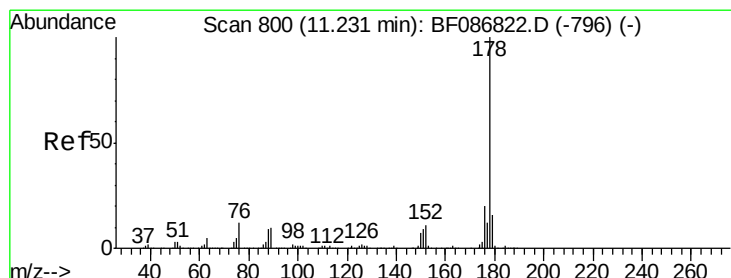
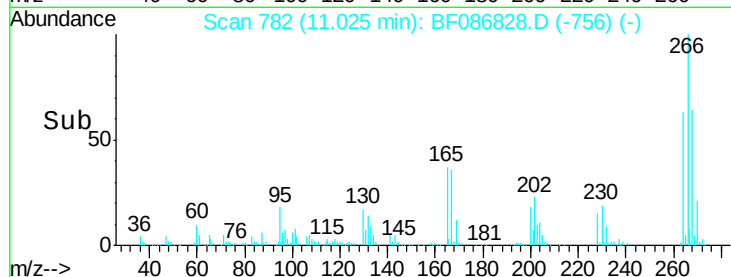
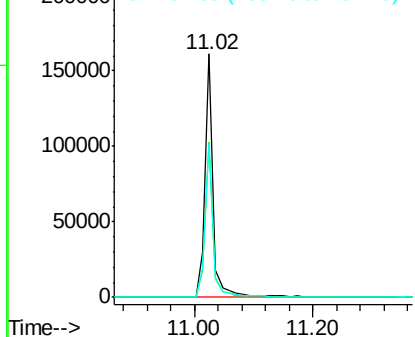
#69
 Pentachlorophenol
 Concen: 42.56 ng
 RT: 11.02 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:266 Resp: 162435
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.5 77.3
 264 63.3 52.9 79.3

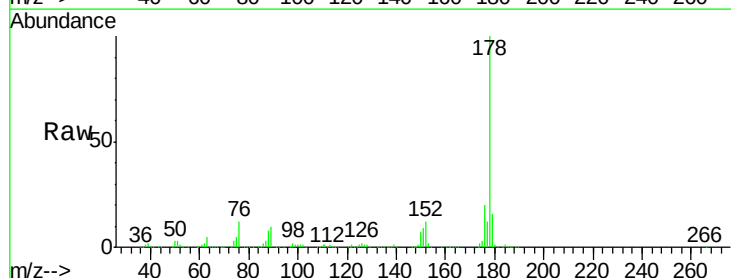


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

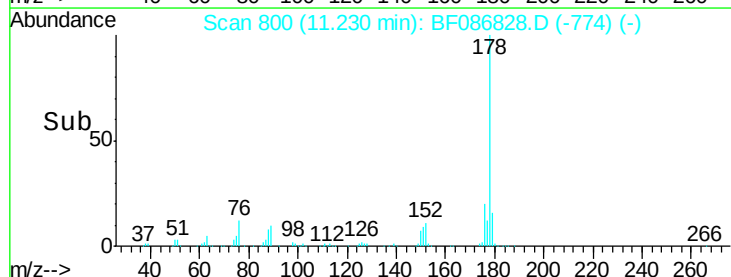
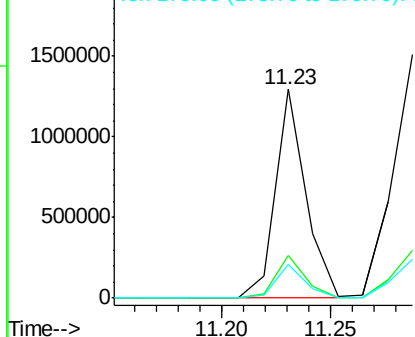


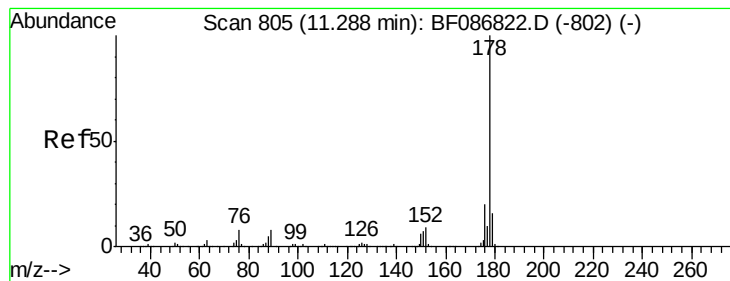
#70
 Phenanthrene
 Concen: 34.00 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:178 Resp: 1264817
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 16.0 12.6 18.8



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





#71

Anthracene

Concen: 40.03 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

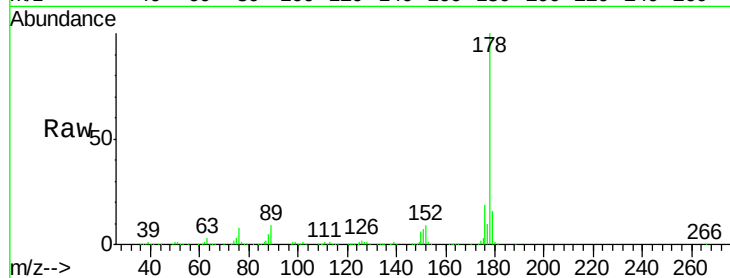
Tgt Ion:178 Resp: 1522917

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

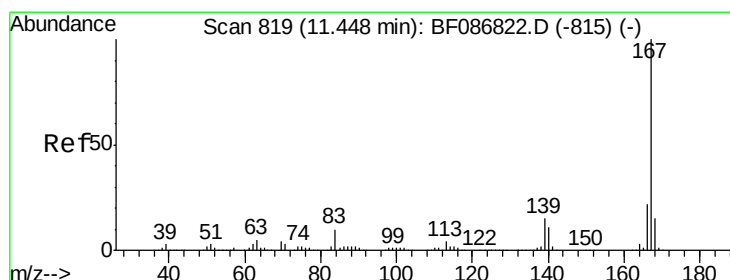
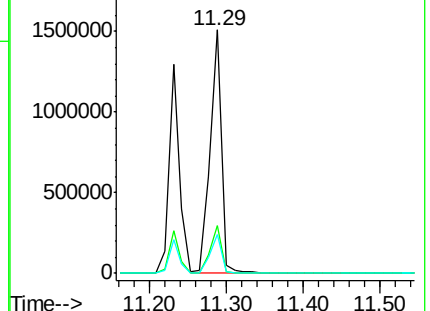
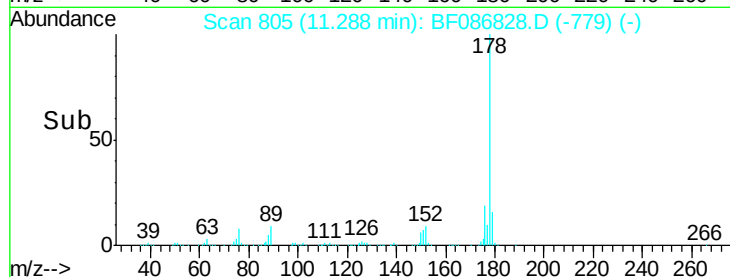
179 16.0 12.7 19.1



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: 39.03 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

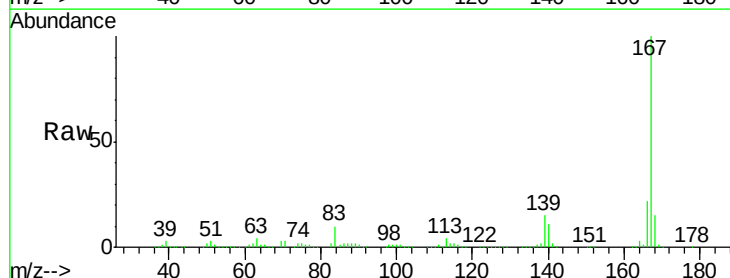
Tgt Ion:167 Resp: 1276498

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

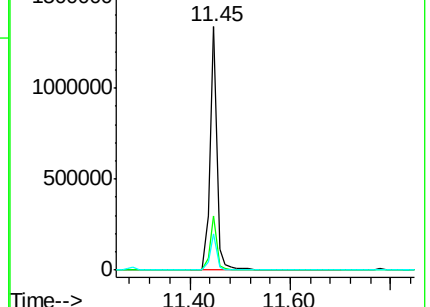
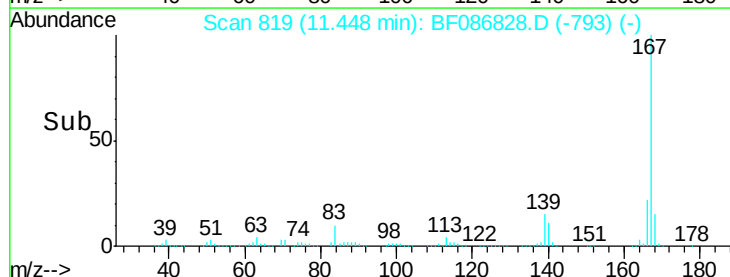
139 14.8 10.8 16.2

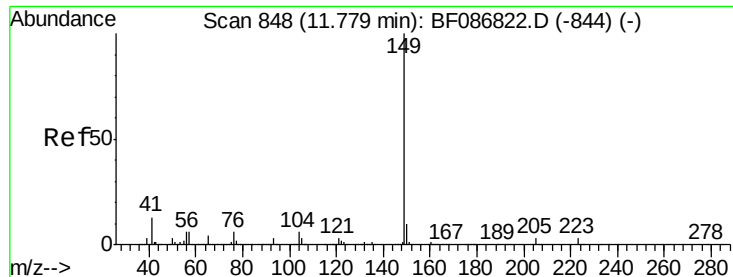


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.54 ng

RT: 11.78 min Scan# 848

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

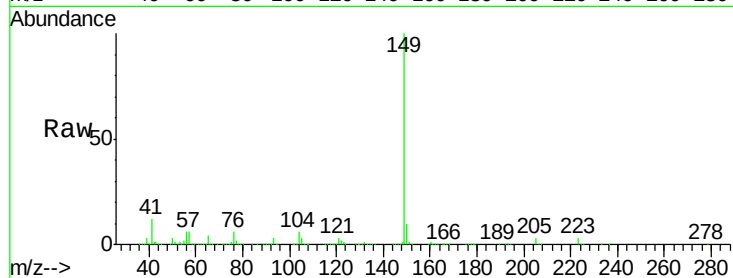
Tgt Ion:149 Resp: 1539102

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

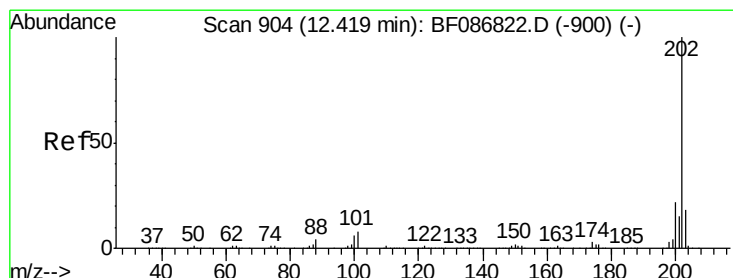
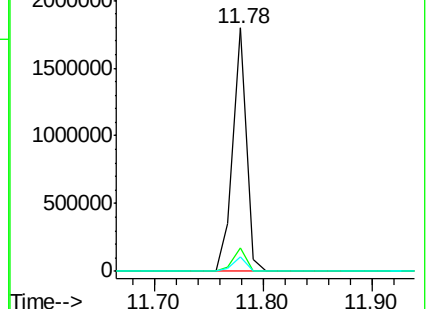
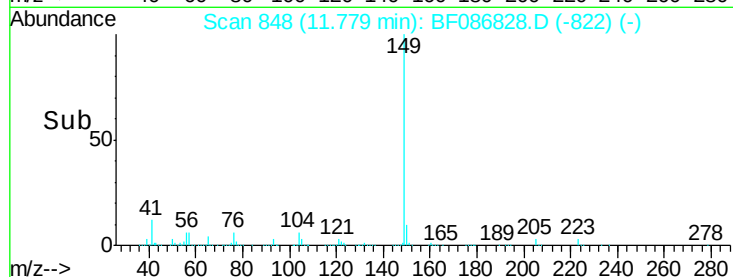
104 5.8 3.8 5.6#



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: 38.77 ng

RT: 12.42 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

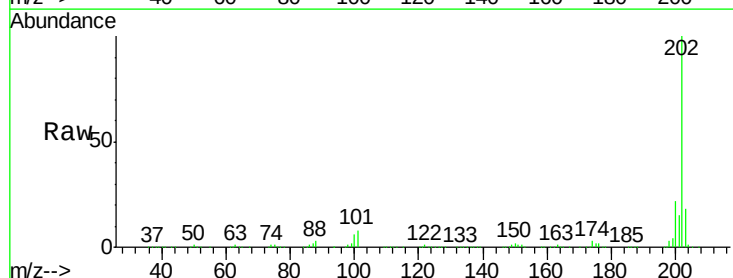
Tgt Ion:202 Resp: 1483417

Ion Ratio Lower Upper

202 100

101 7.7 0.0 35.4

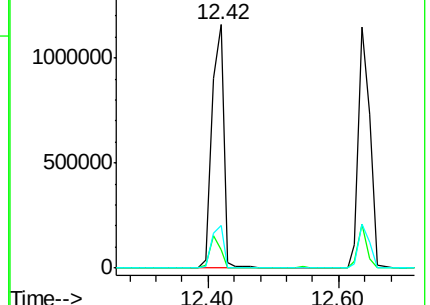
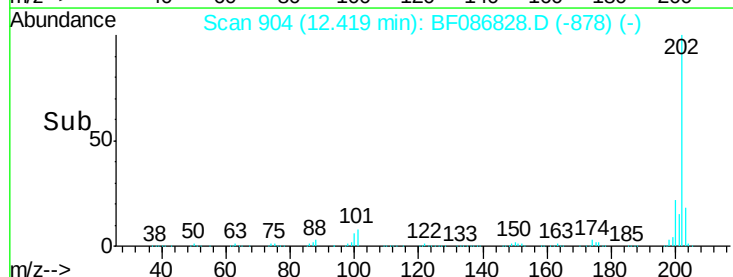
203 17.6 0.0 38.1

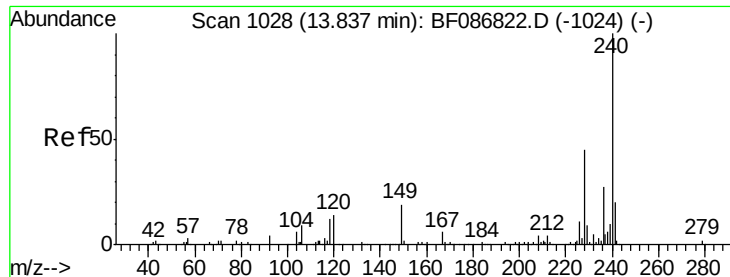


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

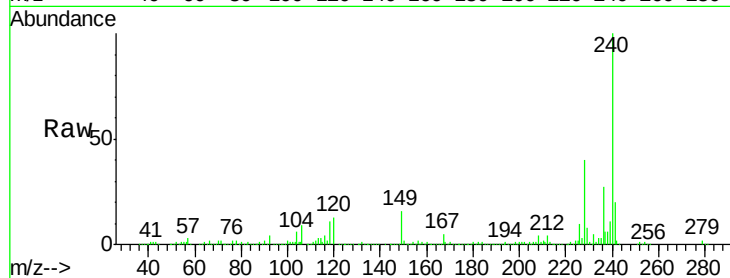
Tgt Ion:240 Resp: 531608

Ion Ratio Lower Upper

240 100

120 13.0 11.2 16.8

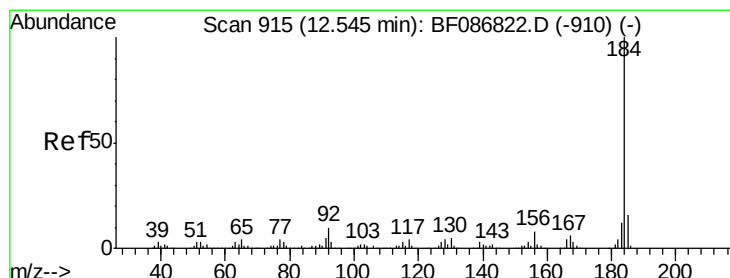
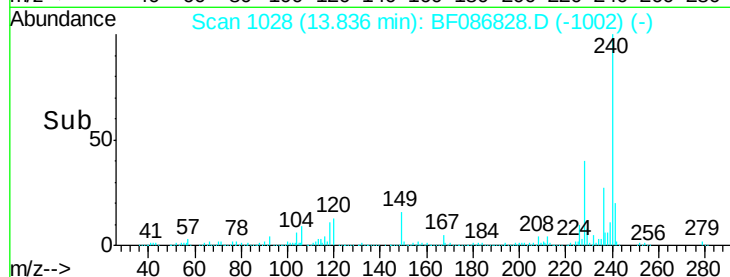
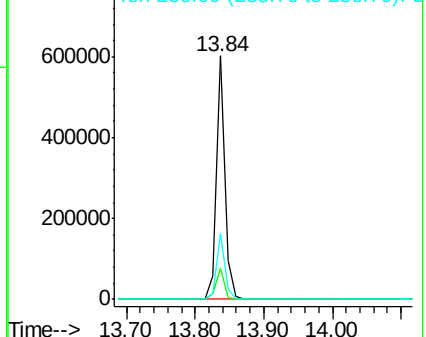
236 26.9 21.2 31.8



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: 46.60 ng

RT: 12.54 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

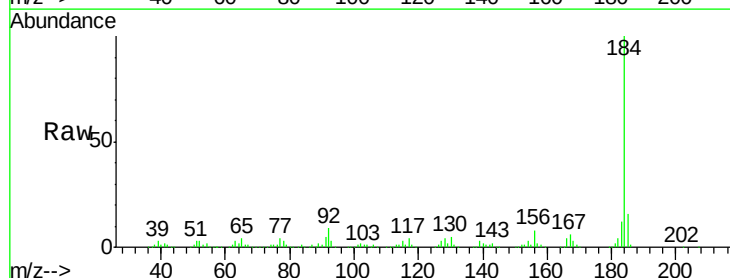
Tgt Ion:184 Resp: 631581

Ion Ratio Lower Upper

184 100

185 16.3 13.6 20.4

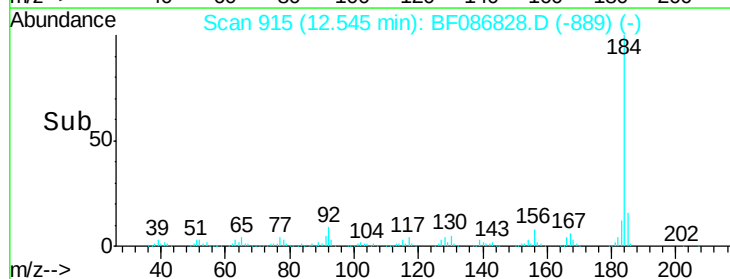
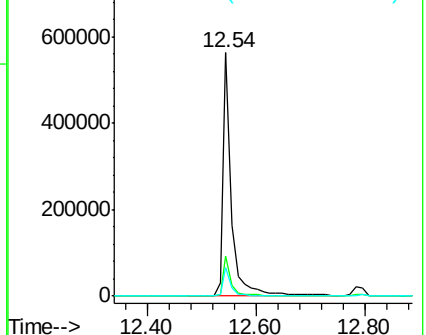
183 11.8 9.8 14.6

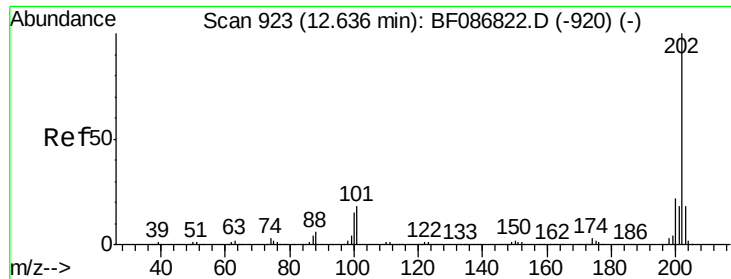


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

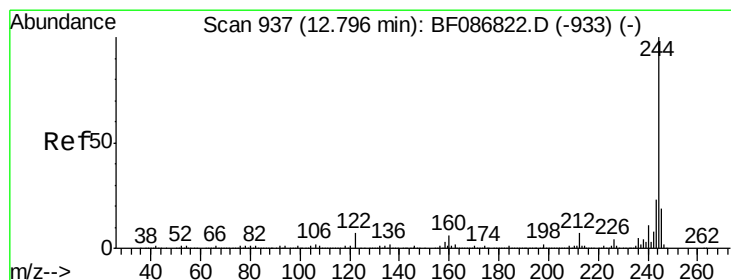
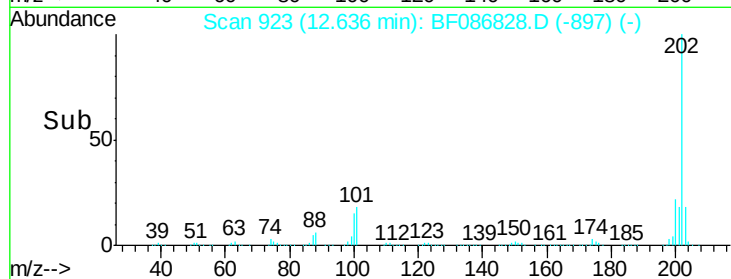
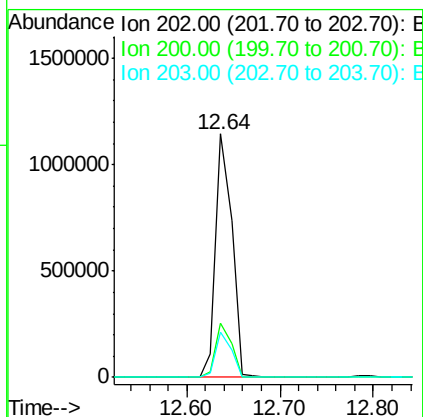
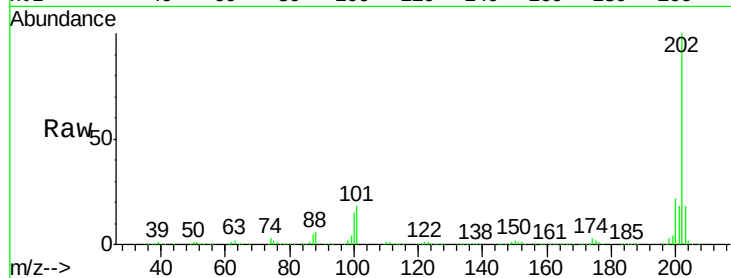




#77
 Pyrene
 Concen: 34.00 ng
 RT: 12.64 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

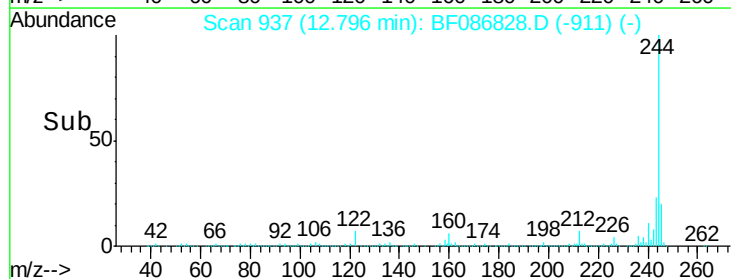
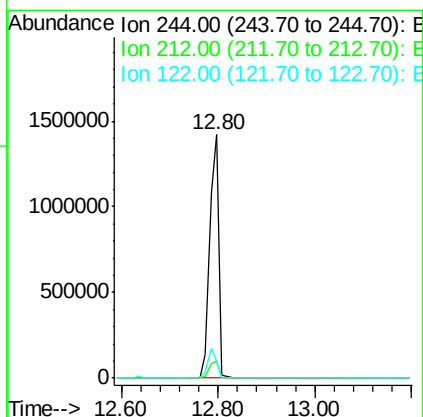
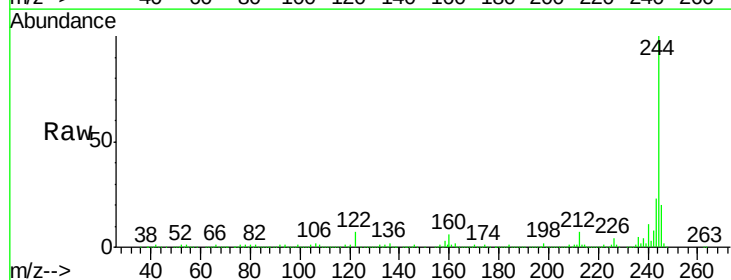
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

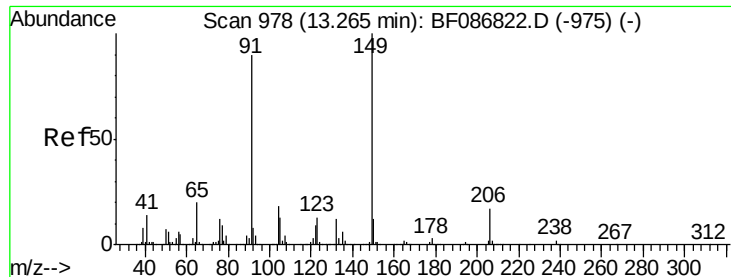
Tgt Ion: 202 Resp: 1383743
 Ion Ratio Lower Upper
 202 100
 200 22.4 17.7 26.5
 203 18.4 14.2 21.4



#78
 Terphenyl-d14
 Concen: 73.89 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion: 244 Resp: 1851269
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 6.8 12.0 18.0#





#79

Butylbenzylphthalate

Concen: 35.97 ng

RT: 13.26 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

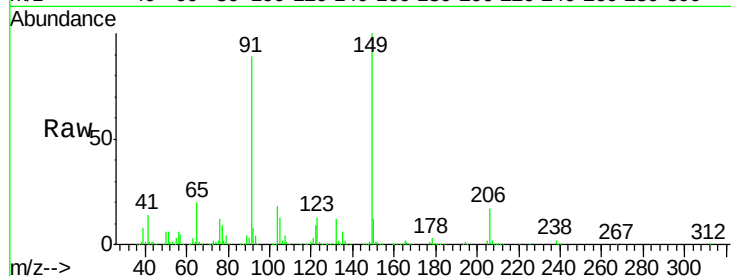
Tgt Ion:149 Resp: 619248

Ion Ratio Lower Upper

149 100

91 88.5 48.0 72.0#

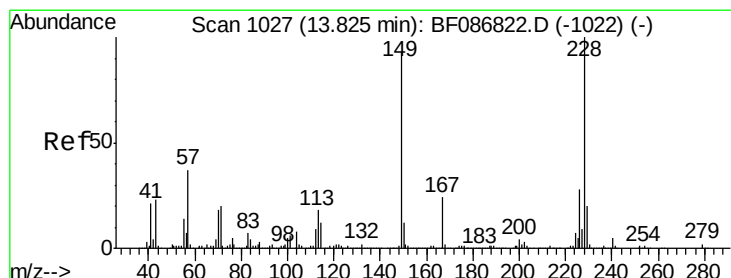
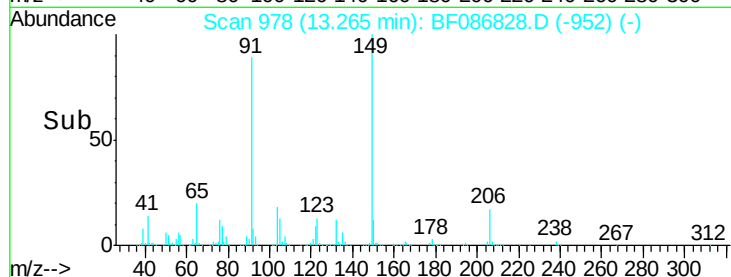
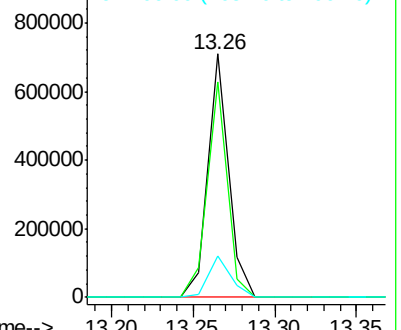
206 17.0 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.44 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

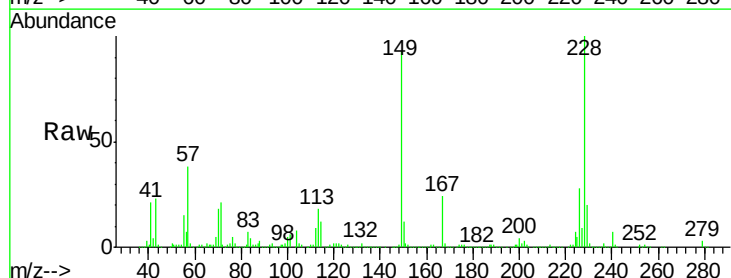
Tgt Ion:228 Resp: 1087544

Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

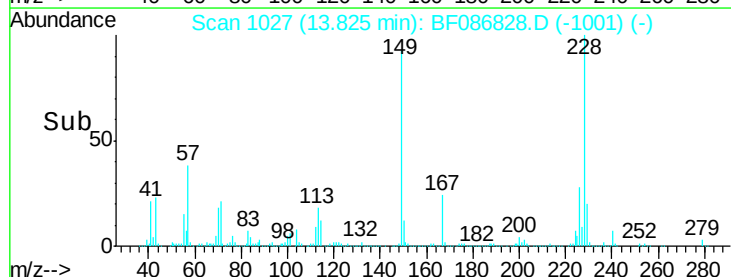
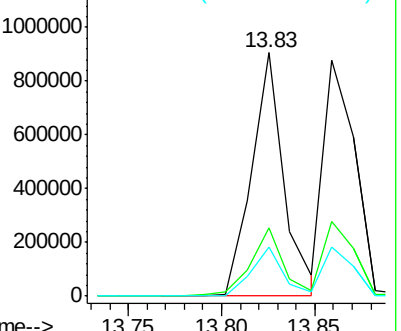
229 20.3 16.6 25.0

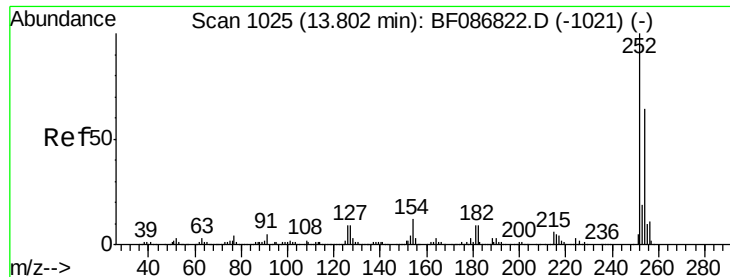


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 40.23 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

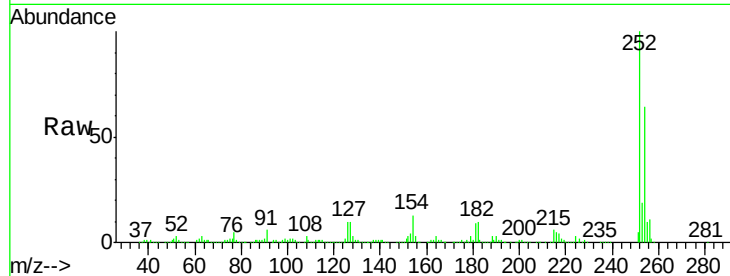
Tgt Ion:252 Resp: 762807

Ion Ratio Lower Upper

252 100

254 64.3 50.7 76.1

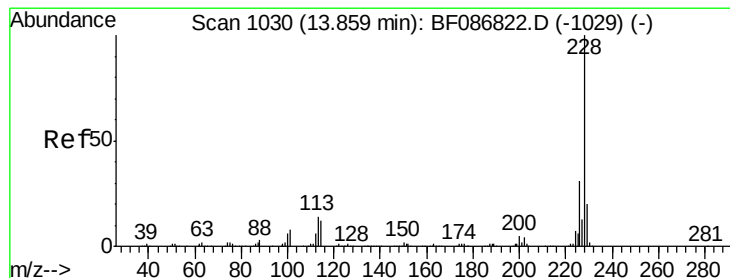
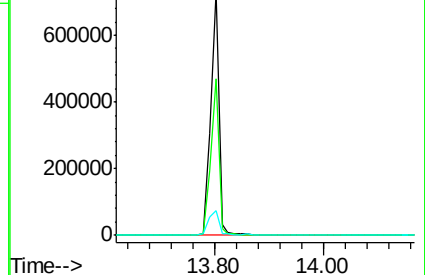
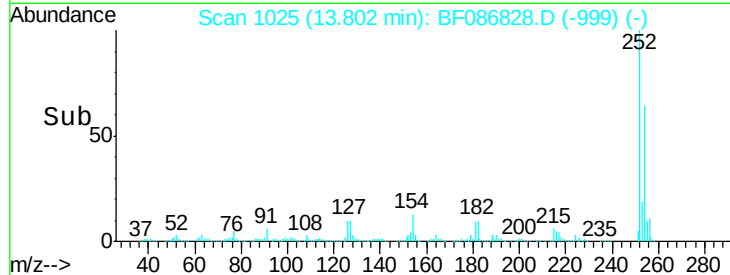
126 9.9 12.7 19.1#



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: 34.45 ng

RT: 13.86 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

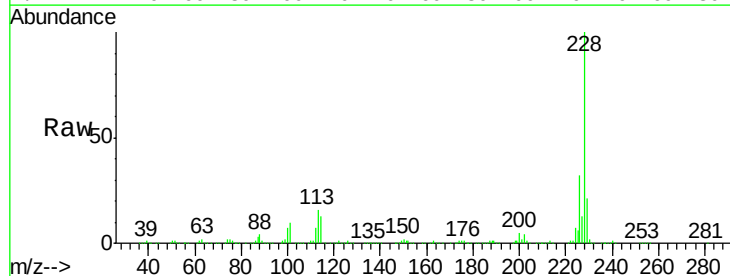
Tgt Ion:228 Resp: 1045690

Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

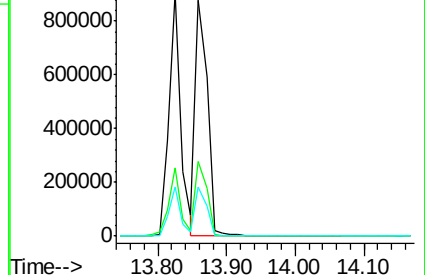
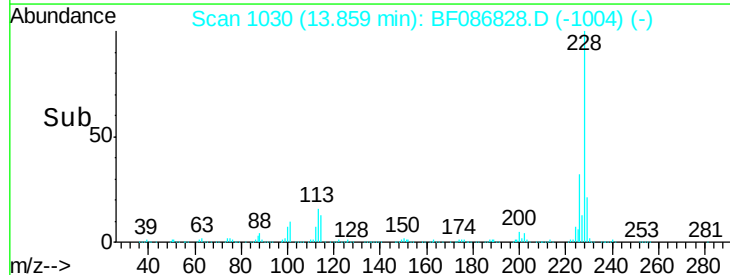
229 20.7 15.8 23.8

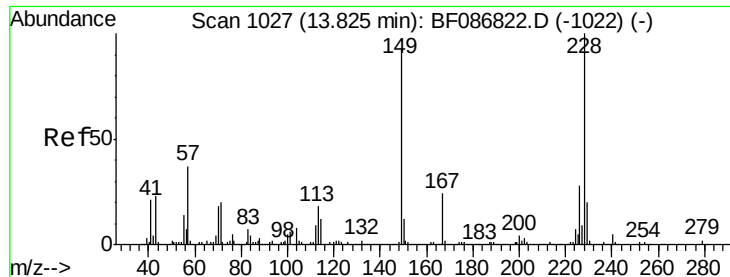


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

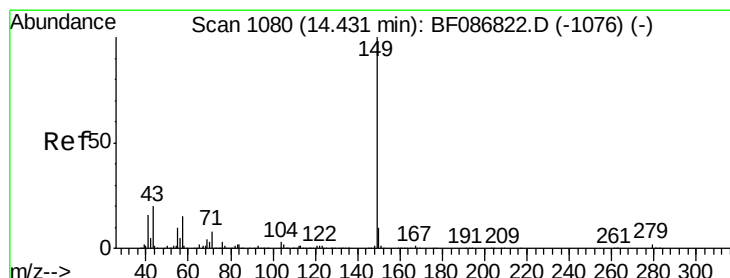
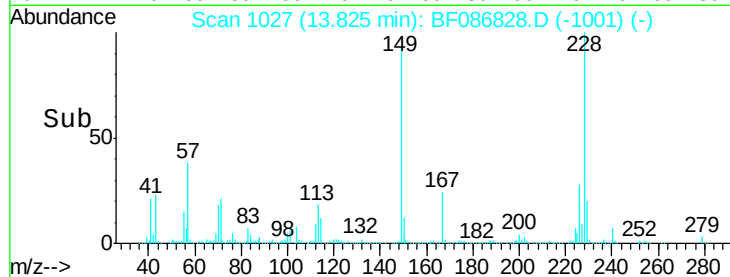
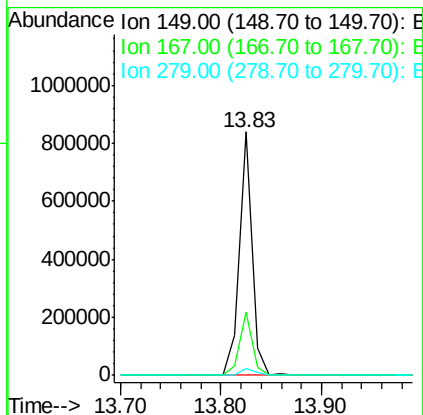
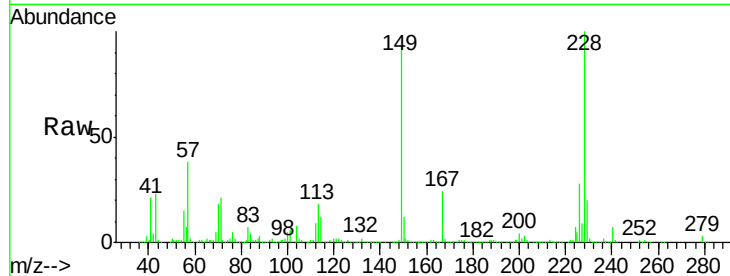




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.94 ng
 RT: 13.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

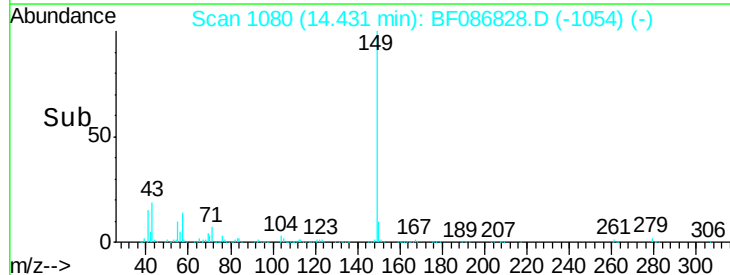
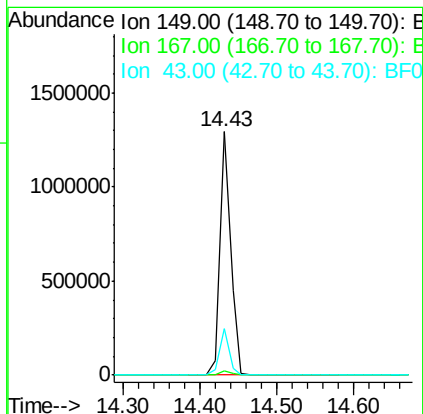
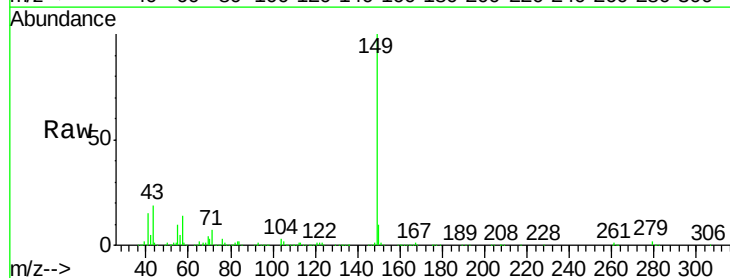
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

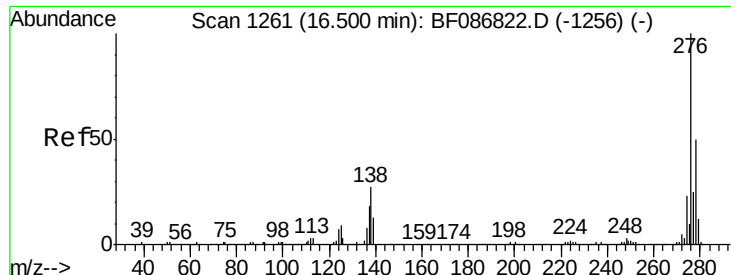
Tgt Ion:149 Resp: 744221
 Ion Ratio Lower Upper
 149 100
 167 25.9 21.8 32.6
 279 2.7 2.6 4.0



#84
 Di-n-octyl phthalate
 Concen: 36.93 ng
 RT: 14.43 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion:149 Resp: 1266824
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 17.3 8.2 12.4#

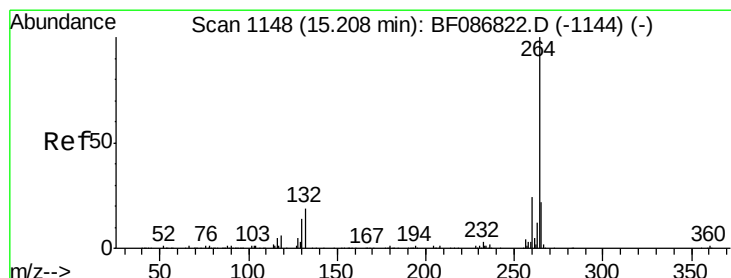
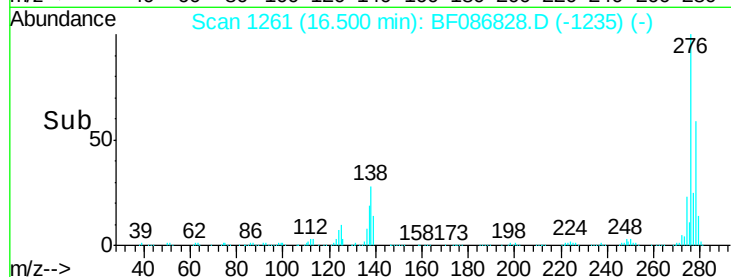
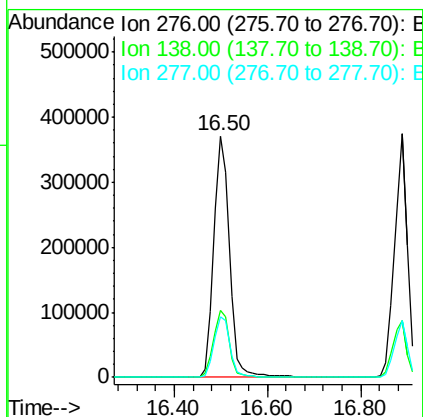
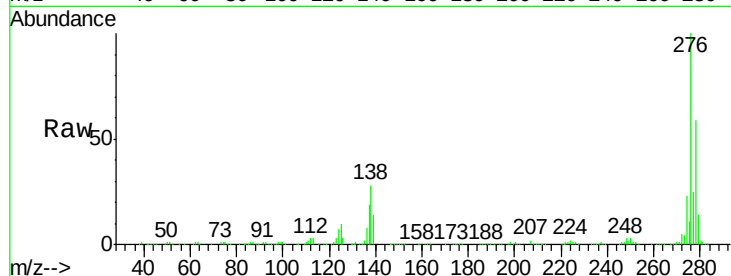




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.54 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

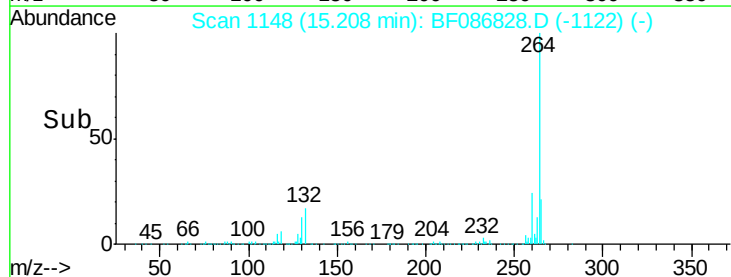
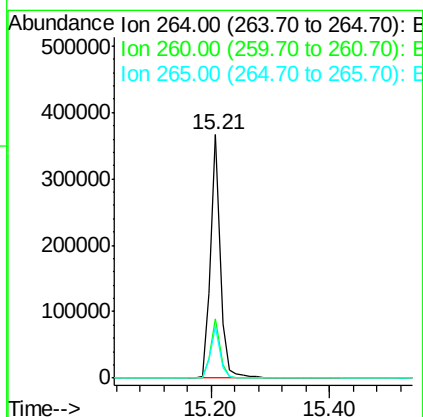
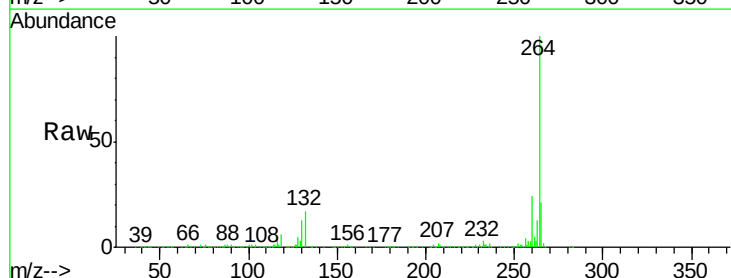
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

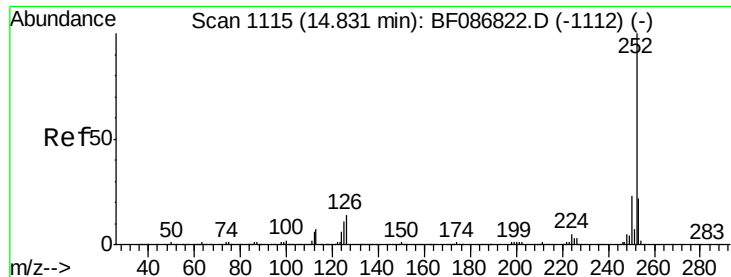
Tgt Ion: 276 Resp: 872494
 Ion Ratio Lower Upper
 276 100
 138 28.2 25.6 38.4
 277 25.5 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Tgt Ion: 264 Resp: 418757
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.2 17.3 25.9

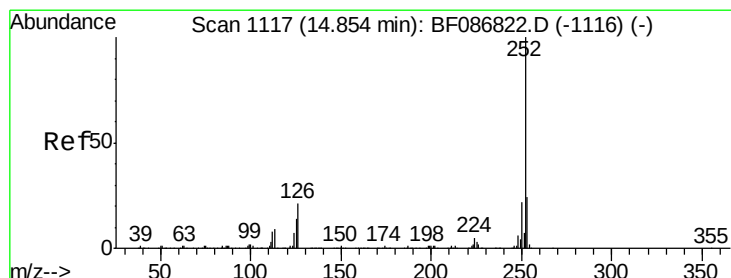
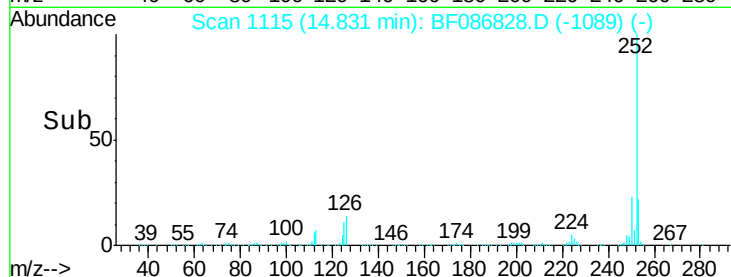
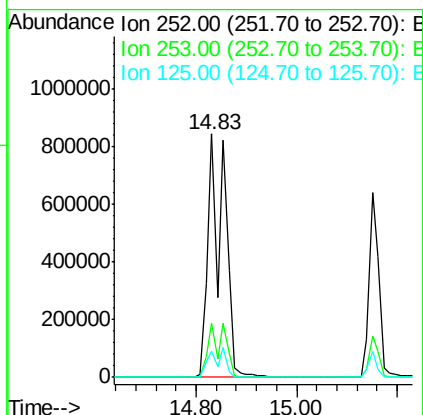
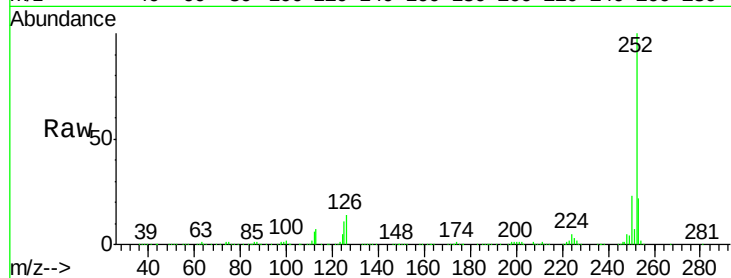




#87
Benzo(b)fluoranthene
Concen: 69.14 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

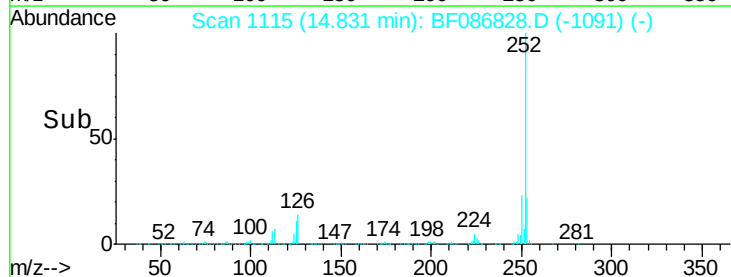
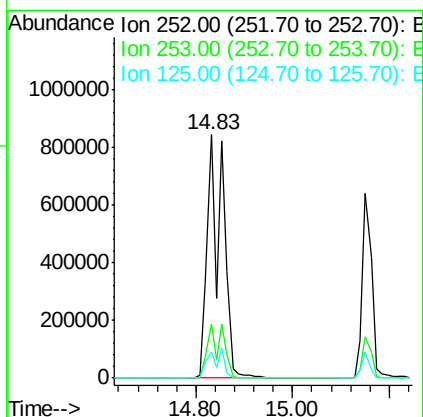
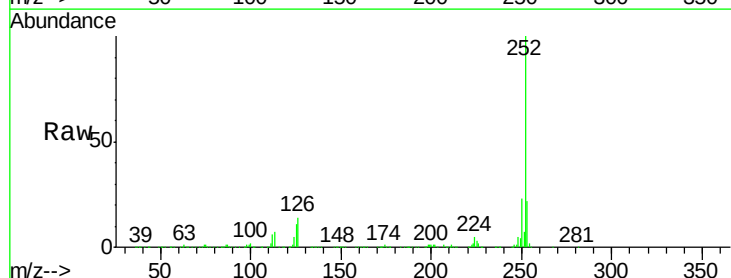
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

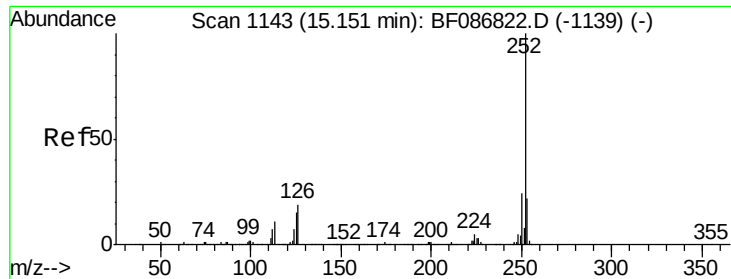
Tgt Ion:252 Resp: 1881721
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.5 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 84.46 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF086828.D
Acq: 9 May 2016 17:50

Tgt Ion:252 Resp: 1882219
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 10.5 9.1 13.7





#89

Benzo(a)pyrene

Concen: 37.02 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

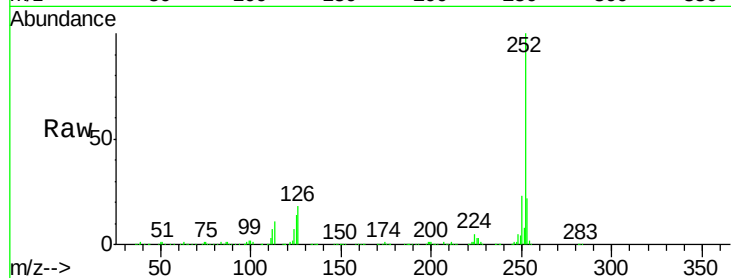
Tgt Ion:252 Resp: 868958

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

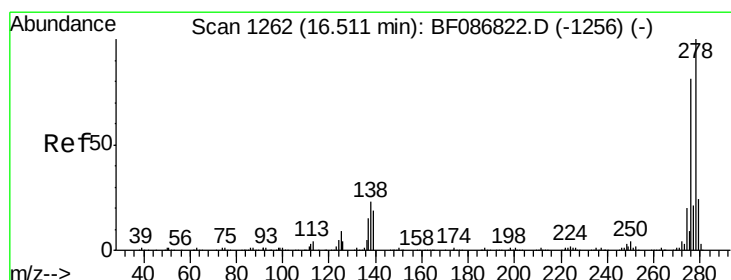
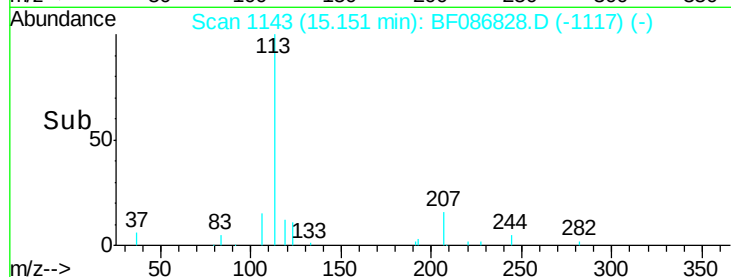
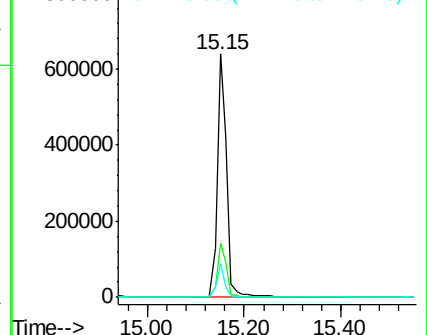
125 14.0 9.0 13.6#



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: 36.83 ng

RT: 16.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BF086828.D

Acq: 9 May 2016 17:50

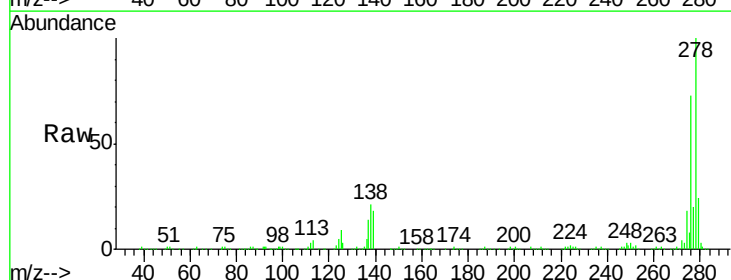
Tgt Ion:278 Resp: 728610

Ion Ratio Lower Upper

278 100

139 18.5 16.6 24.8

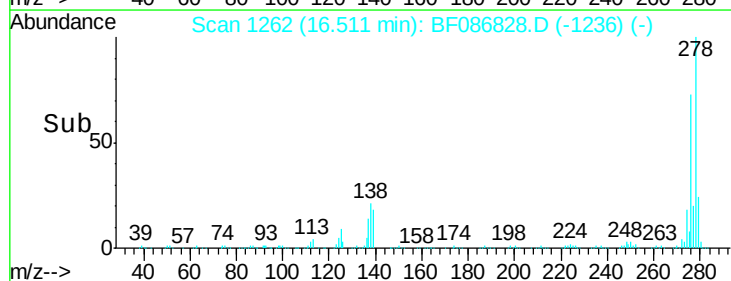
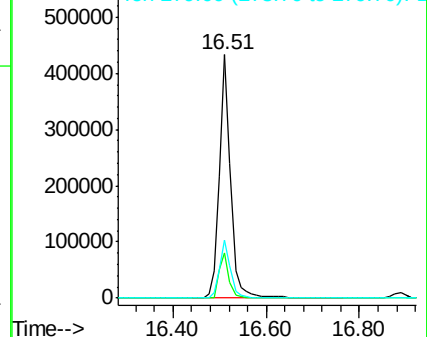
279 23.6 19.6 29.4

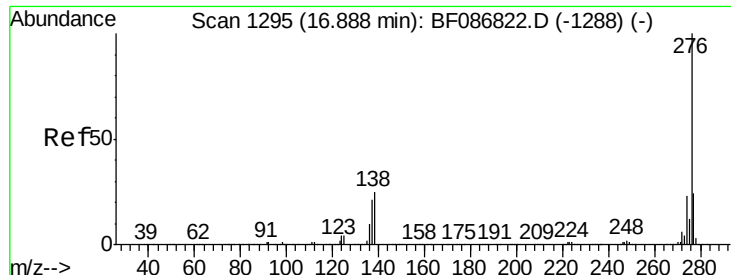


Abundance Ion 278.00 (277.70 to 278.70): E

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: 36.95 ng
 RT: 16.89 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF086828.D
 Acq: 9 May 2016 17:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	23.5	23.6	35.4

