

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086851.D
 Acq On : 10 May 2016 5:42
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 10 06:03:58 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	187781	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	777294	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	366051	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	643556	20.00	ng	0.00
75) Chrysene-d12	13.84	240	384518	20.00	ng	0.00
86) Perylene-d12	15.21	264	395307	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	921009	83.06	ng	0.00
7) Phenol-d6	6.36	99	1130848	76.31	ng	0.00
23) Nitrobenzene-d5	7.26	82	1190539	76.91	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	301231	77.73	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1536494	70.55	ng	0.00
78) Terphenyl-d14	12.79	244	1336826	73.76	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	210540	38.68	ng	# 72
3) Pyridine	2.85	79	502624	37.77	ng	# 69
4) n-Nitrosodimethylamine	2.81	42	388665	40.27	ng	# 49
6) Aniline	6.36	93	685117	38.23	ng	# 71
8) 2-Chlorophenol	6.49	128	504790	37.73	ng	97
9) Benzaldehyde	6.24	77	313908	36.58	ng	96
10) Phenol	6.37	94	649200	36.86	ng	80
11) bis(2-Chloroethyl)ether	6.44	93	541381	39.42	ng	94
12) 1,3-Dichlorobenzene	6.62	146	535457	36.98	ng	# 89
13) 1,4-Dichlorobenzene	6.70	146	530722	35.94	ng	# 91
14) 1,2-Dichlorobenzene	6.86	146	514893	40.01	ng	98
15) Benzyl Alcohol	6.85	79	396066	38.71	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1050842	35.19	ng	57
17) 2-Methylphenol	6.98	107	418571	39.31	ng	# 84
18) Hexachloroethane	7.20	117	200735	36.13	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	416071	40.17	ng	# 74
20) 3+4-Methylphenols	7.14	107	533602	38.37	ng	# 57
22) Acetophenone	7.12	105	695980	37.91	ng	# 99
24) Nitrobenzene	7.29	77	599467	37.65	ng	97
25) Isophorone	7.53	82	1057342	36.81	ng	99
26) 2-Nitrophenol	7.61	139	286110	40.88	ng	95
27) 2,4-Dimethylphenol	7.65	122	411904	34.55	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	621029	40.09	ng	99
29) 2,4-Dichlorophenol	7.86	162	398755	37.99	ng	92
30) 1,2,4-Trichlorobenzene	7.93	180	459631	39.17	ng	98
31) Naphthalene	8.01	128	1453310	37.33	ng	99
32) Benzoic acid	7.81	122	253396	36.18	ng	# 79
33) 4-Chloroaniline	8.06	127	575153	38.02	ng	# 93
34) Hexachlorobutadiene	8.12	225	262652	38.58	ng	99
35) Caprolactam	8.45	113	137536	38.52	ng	# 48
36) 4-Chloro-3-methylphenol	8.57	107	469975	36.93	ng	96
37) 2-Methylnaphthalene	8.69	142	895697	39.35	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	398351	37.43	ng	99
40) Hexachlorocyclopentadiene	8.84	237	88972	17.61	ng	96

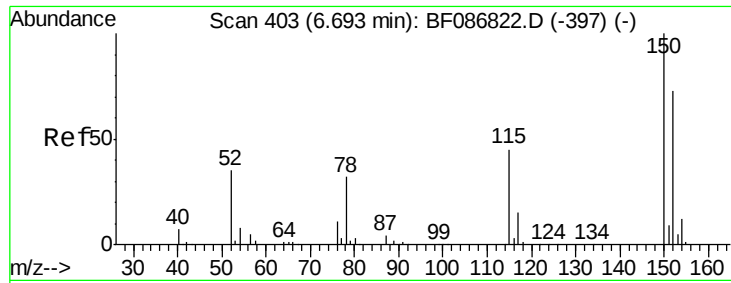
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086851.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	270324	37.98	ng	95
43) 2,4,5-Trichlorophenol	9.02	196	287477	39.06	ng #	87
45) 1,1'-Biphenyl	9.16	154	1193316	40.99	ng	97
46) 2-Chloronaphthalene	9.18	162	915776	40.15	ng	99
47) 2-Nitroaniline	9.29	65	315103	37.80	ng #	76
48) Acenaphthylene	9.60	152	1371894	40.89	ng	99
49) Dimethylphthalate	9.47	163	1054957	37.78	ng	100
50) 2,6-Dinitrotoluene	9.53	165	212040	36.08	ng #	68
51) Acenaphthene	9.77	154	863044	41.35	ng	99
52) 3-Nitroaniline	9.70	138	232211	37.53	ng #	78
53) 2,4-Dinitrophenol	9.81	184	55339	24.35	ng	87
54) Dibenzofuran	9.94	168	1093873	40.83	ng	100
55) 4-Nitrophenol	9.88	139	145220	37.75	ng #	43
56) 2,4-Dinitrotoluene	9.94	165	273824	37.65	ng #	86
57) Fluorene	10.28	166	899474	39.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	212047	38.27	ng	97
59) Diethylphthalate	10.17	149	1051886	38.65	ng	95
60) 4-Chlorophenyl-phenylether	10.27	204	391288	37.81	ng	98
61) 4-Nitroaniline	10.32	138	228947	38.53	ng #	70
62) Azobenzene	10.43	77	1141961	38.89	ng	88
64) 4,6-Dinitro-2-methylphenol	10.34	198	105562	26.40	ng #	45
65) n-Nitrosodiphenylamine	10.40	169	814963	41.22	ng	100
66) 4-Bromophenyl-phenylether	10.76	248	276677	42.40	ng #	82
67) Hexachlorobenzene	10.82	284	277254	36.36	ng #	75
68) Atrazine	10.92	200	232039	35.13	ng	95
69) Pentachlorophenol	11.02	266	132716	37.66	ng	97
70) Phenanthrene	11.23	178	1167041	33.98	ng	100
71) Anthracene	11.29	178	1356215	38.61	ng	99
72) Carbazole	11.45	167	1181324	39.12	ng	99
73) Di-n-butylphthalate	11.78	149	1509429	40.94	ng #	99
74) Fluoranthene	12.41	202	1081271	30.61	ng	99
76) Benzidine	12.55	184	427913	43.65	ng	97
77) Pyrene	12.64	202	1046502	35.55	ng	100
79) Butylbenzylphthalate	13.27	149	528306	42.43	ng #	77
80) Benzo(a)anthracene	13.83	228	775292	35.92	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	499439	36.42	ng	100
82) Chrysene	13.86	228	800080	36.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	652418	43.56	ng	97
84) Di-n-octyl phthalate	14.43	149	1057661	42.63	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	918029	50.25	ng	95
87) Benzo(b)fluoranthene	14.85	252	1678512	65.33	ng #	97
88) Benzo(k)fluoranthene	14.85	252	1678512	79.79	ng	99
89) Benzo(a)pyrene	15.15	252	807692	36.45	ng	98
90) Dibenzo(a,h)anthracene	16.51	278	769154	41.18	ng	97
91) Benzo(g,h,i)perylene	16.89	276	750016	39.52	ng	94

(#) = 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: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

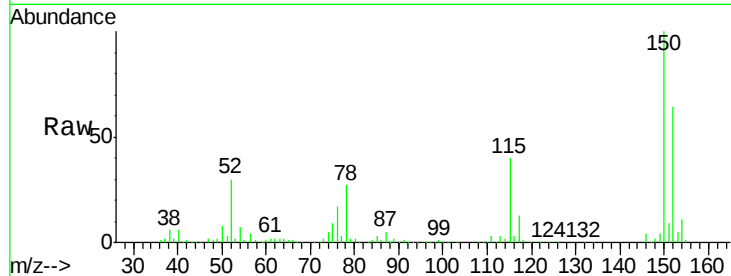
Tgt Ion:152 Resp: 187781

Ion Ratio Lower Upper

152 100

150 156.2 125.8 188.6

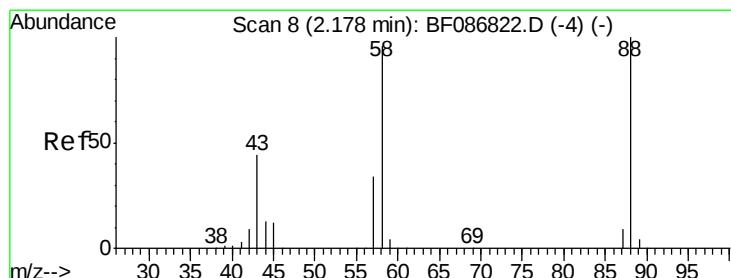
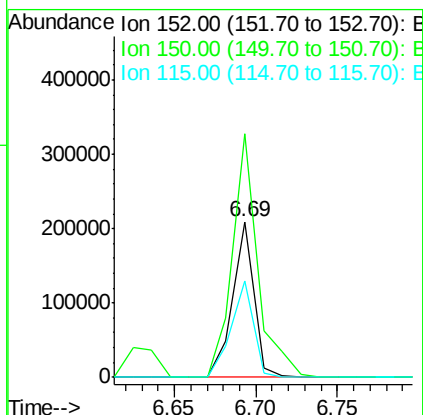
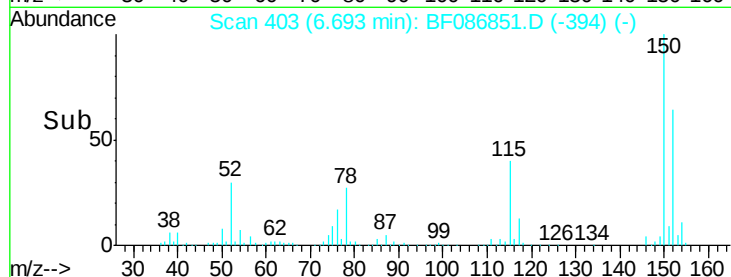
115 62.0 51.5 77.3



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: 38.68 ng

RT: 2.18 min Scan# 8

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

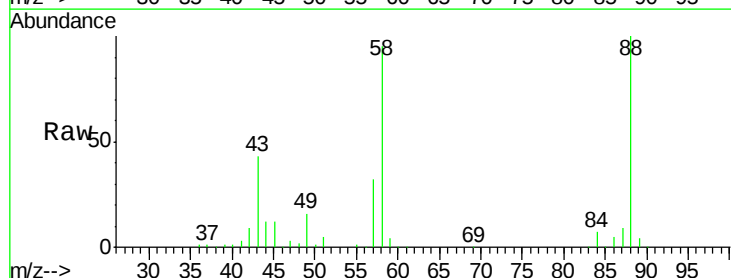
Tgt Ion: 88 Resp: 210540

Ion Ratio Lower Upper

88 100

58 96.6 59.6 89.4#

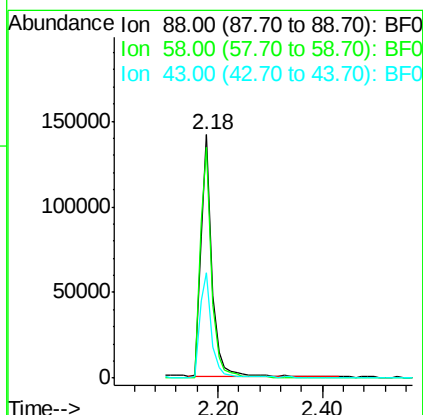
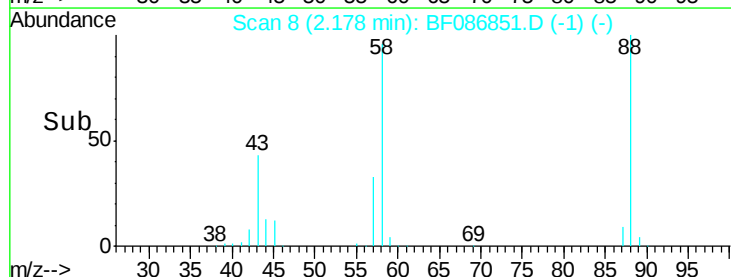
43 44.3 21.8 32.6#

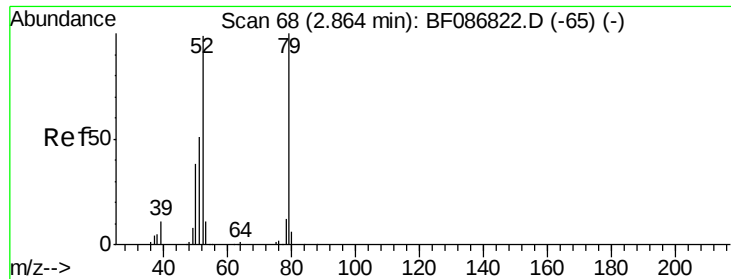


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.77 ng

RT: 2.85 min Scan# 67

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

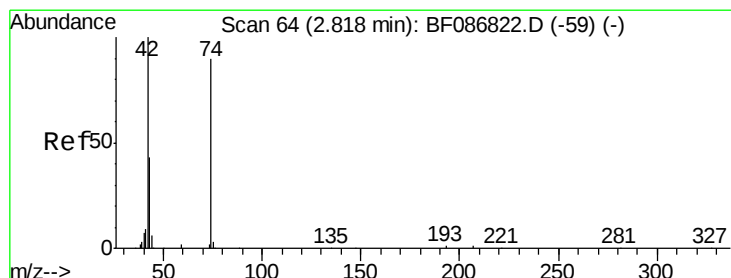
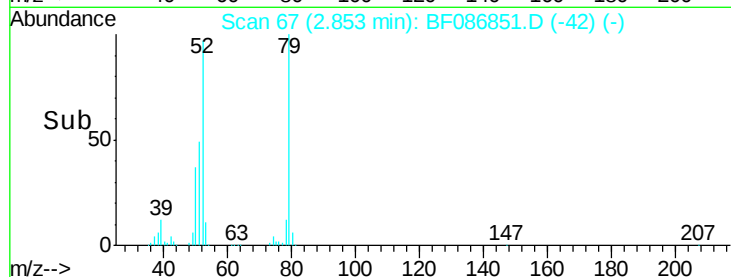
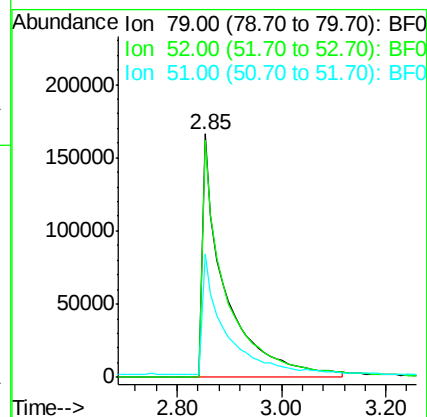
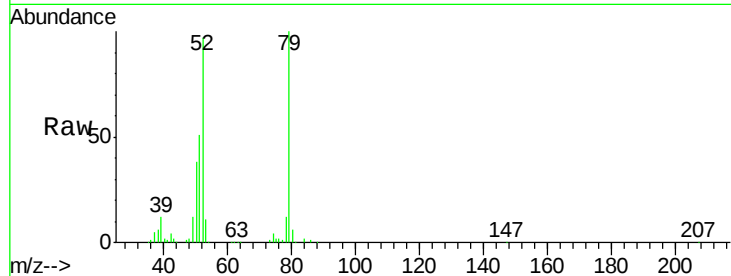
Tgt Ion: 79 Resp: 502624

Ion Ratio Lower Upper

79 100

52 97.4 55.9 83.9#

51 50.6 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 40.27 ng

RT: 2.81 min Scan# 63

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

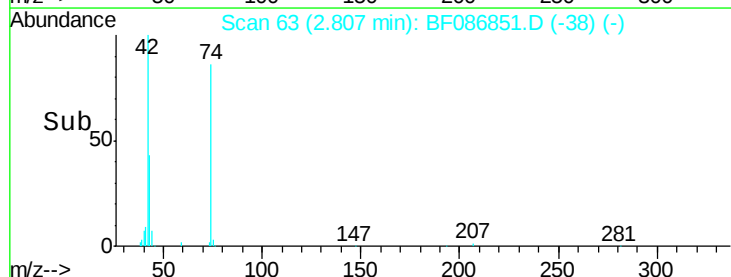
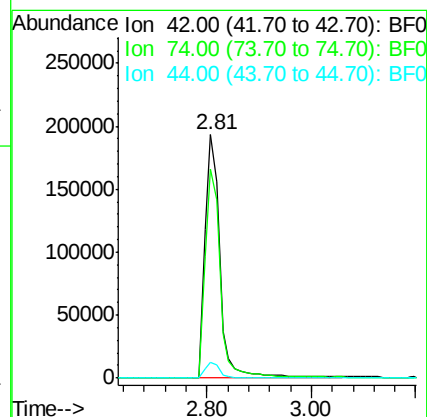
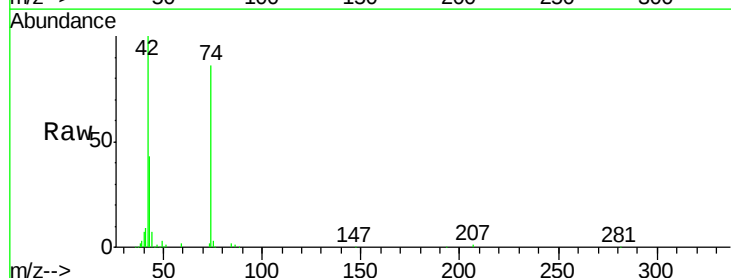
Tgt Ion: 42 Resp: 388665

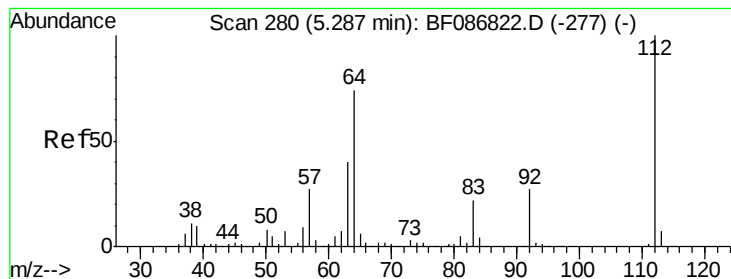
Ion Ratio Lower Upper

42 100

74 85.8 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 83.06 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

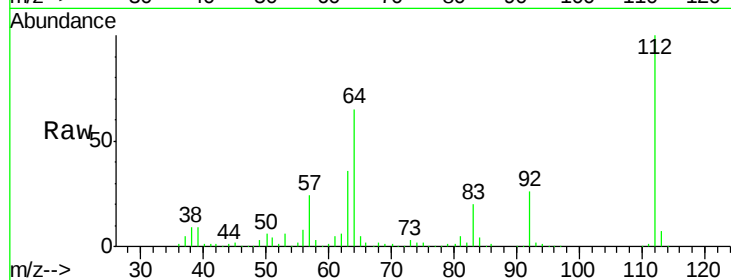
Tgt Ion: 112 Resp: 921009

Ion Ratio Lower Upper

112 100

64 65.2 52.1 78.1

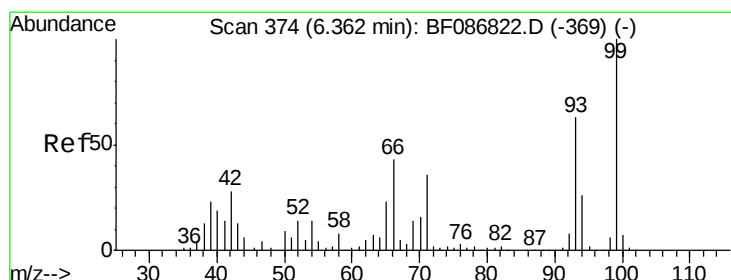
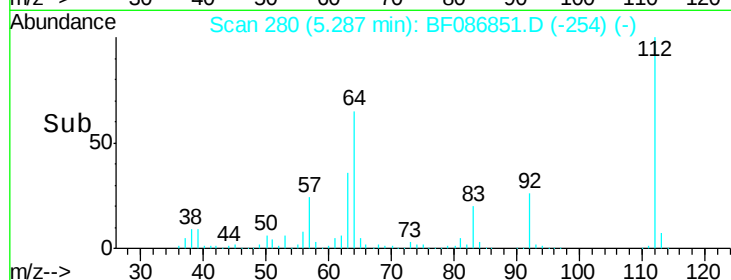
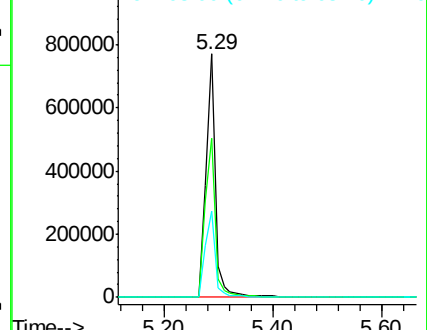
63 35.5 25.7 38.5



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: 38.23 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

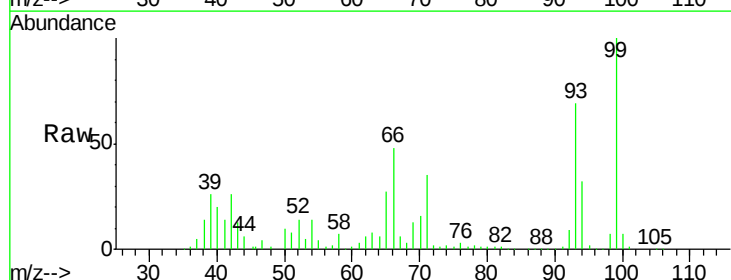
Tgt Ion: 93 Resp: 685117

Ion Ratio Lower Upper

93 100

66 70.0 39.0 58.6#

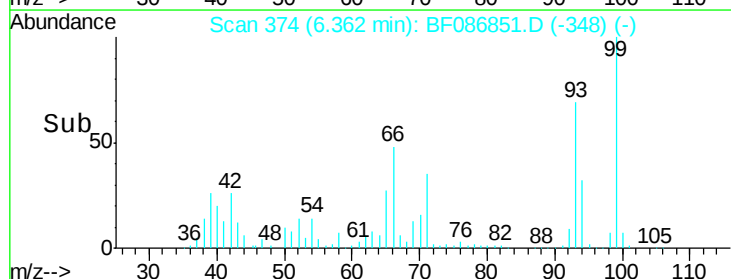
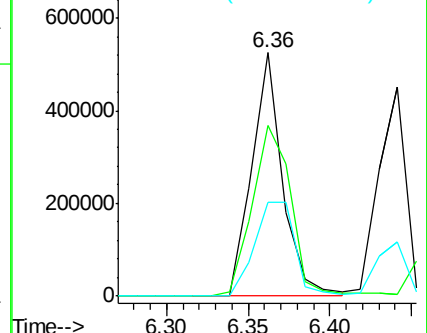
65 38.7 20.6 31.0#

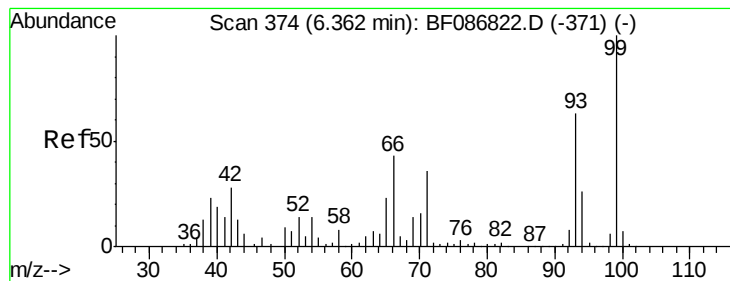


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.31 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

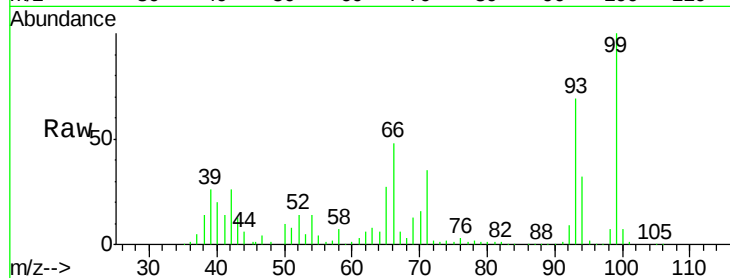
Tgt Ion: 99 Resp: 1130848

Ion Ratio Lower Upper

99 100

42 26.1 13.6 20.4#

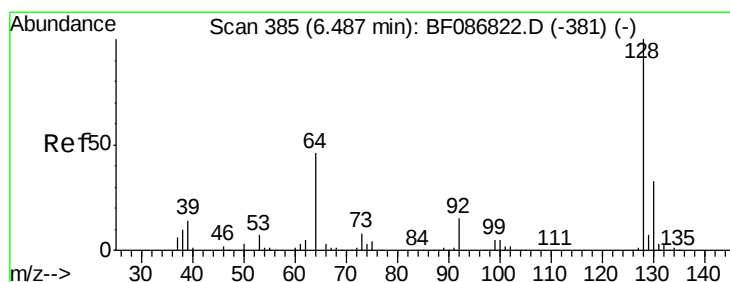
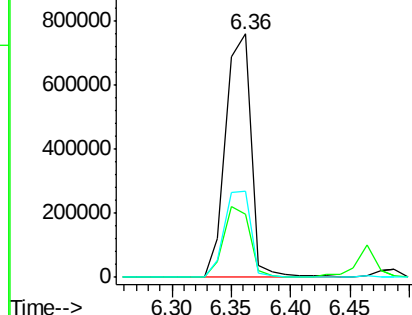
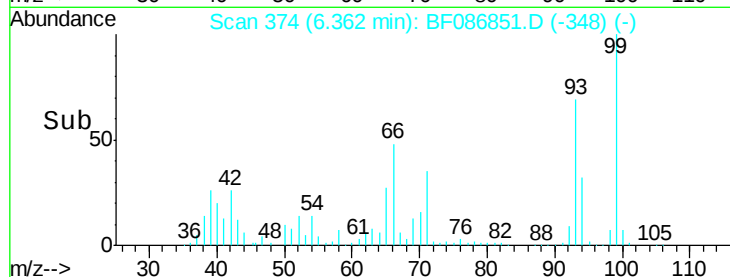
71 35.4 24.6 36.8



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: 37.73 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

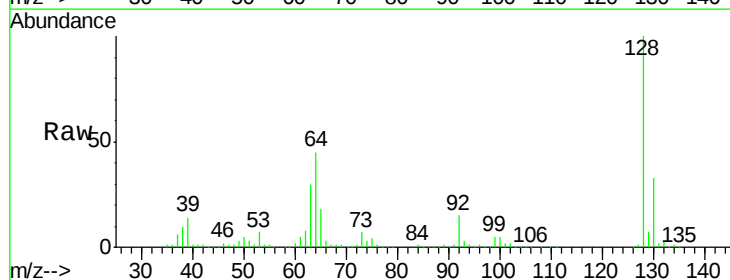
Tgt Ion: 128 Resp: 504790

Ion Ratio Lower Upper

128 100

130 33.1 12.5 52.5

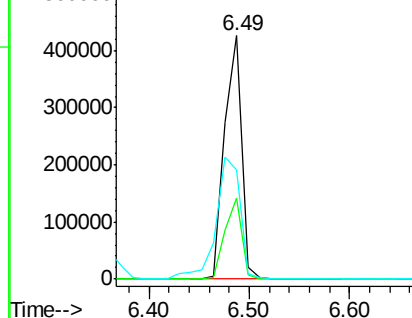
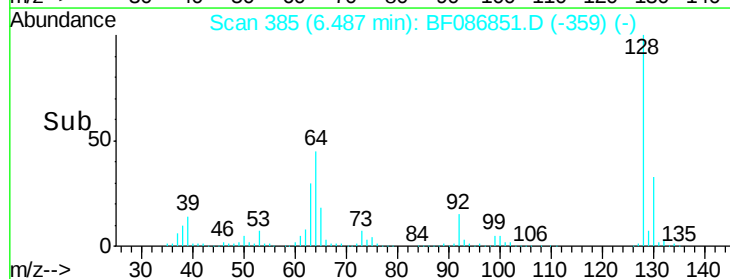
64 44.6 27.3 67.3

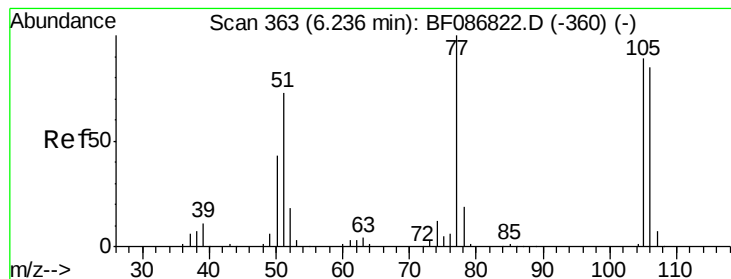


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.58 ng

RT: 6.24 min Scan# 363

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

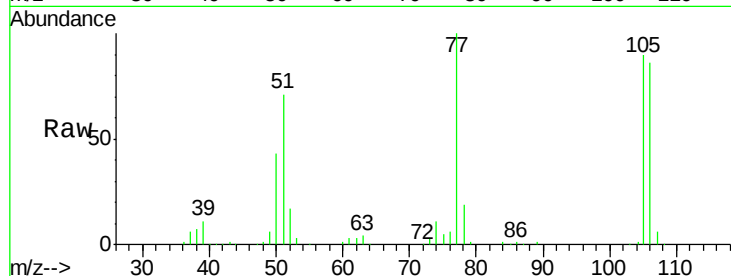
Tgt Ion: 77 Resp: 313908

Ion Ratio Lower Upper

77 100

105 90.4 72.7 112.7

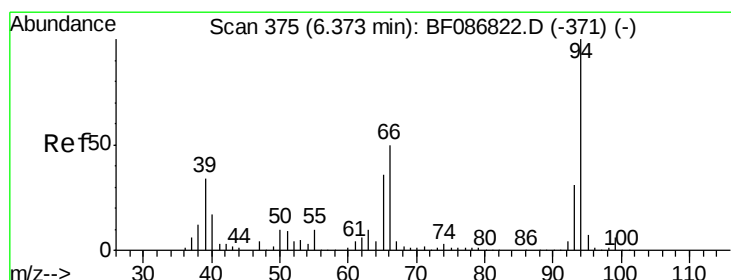
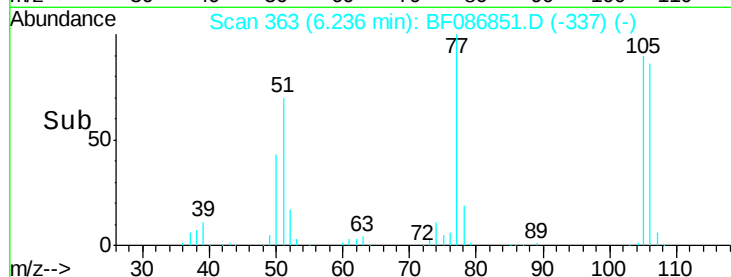
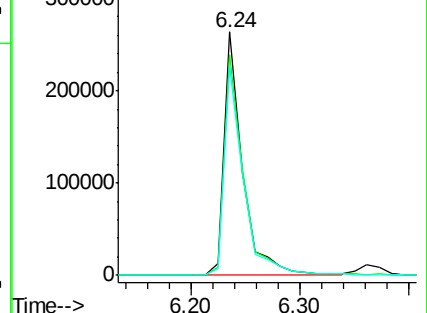
106 86.0 70.8 110.8



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: 36.86 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

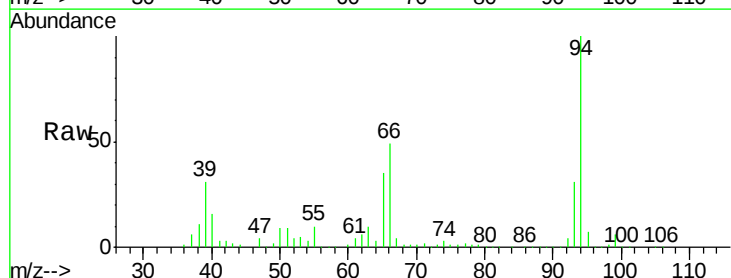
Tgt Ion: 94 Resp: 649200

Ion Ratio Lower Upper

94 100

65 34.6 7.2 47.2

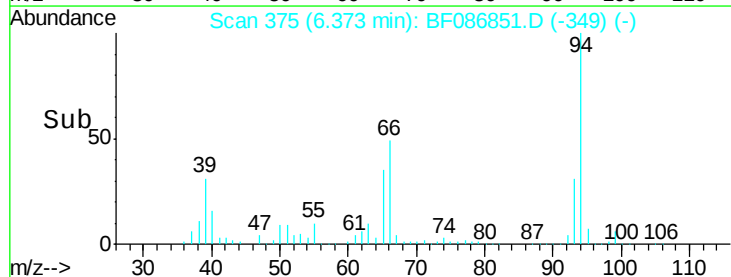
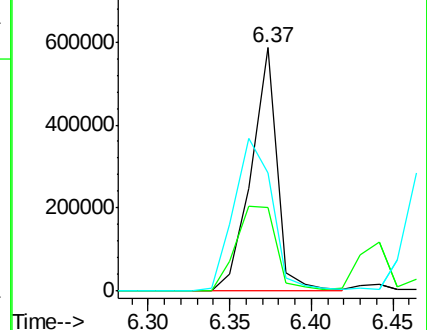
66 48.7 14.9 54.9

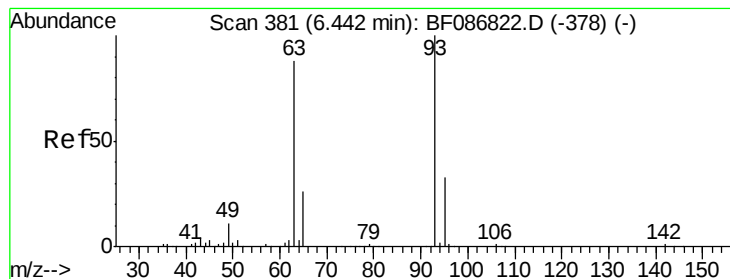


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.42 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

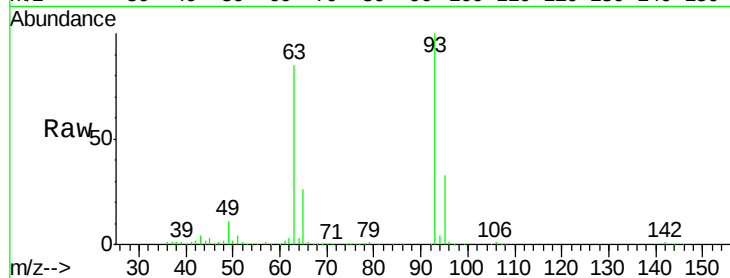
Tgt Ion: 93 Resp: 541381

Ion Ratio Lower Upper

93 100

63 84.8 58.0 98.0

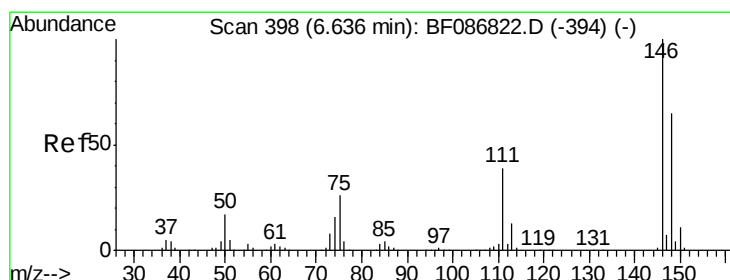
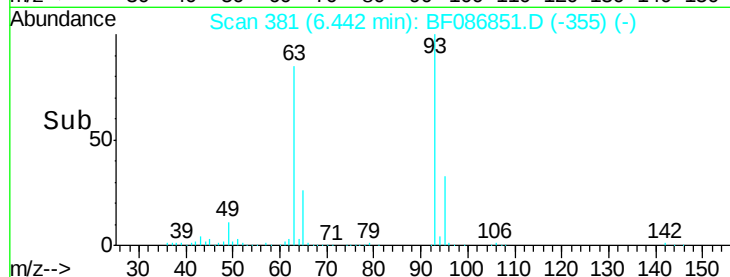
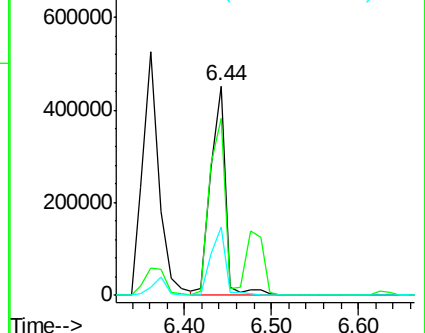
95 32.7 11.9 51.9



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: 36.98 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

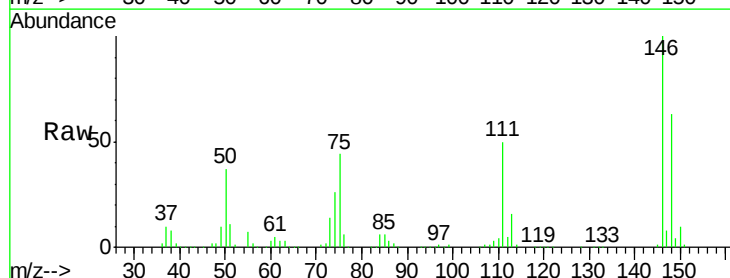
Tgt Ion: 146 Resp: 535457

Ion Ratio Lower Upper

146 100

148 63.0 52.4 78.6

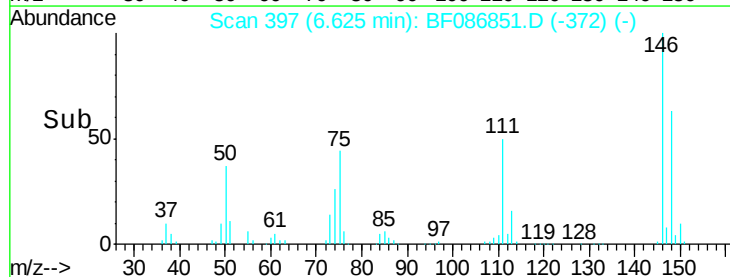
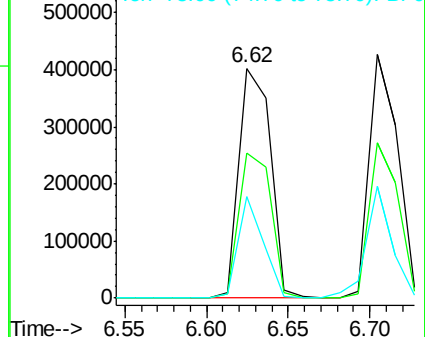
75 44.1 22.8 34.2#

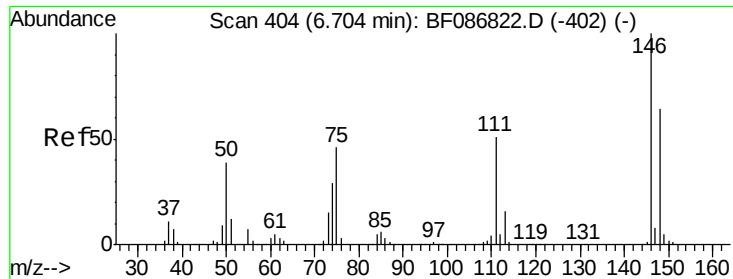


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 35.94 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

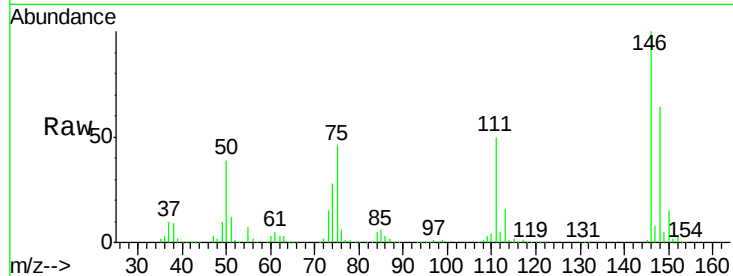
Tgt Ion:146 Resp: 530722

Ion Ratio Lower Upper

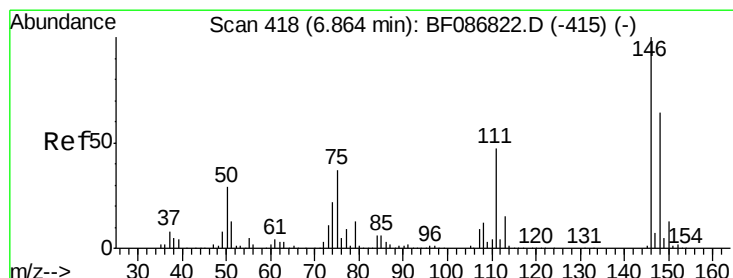
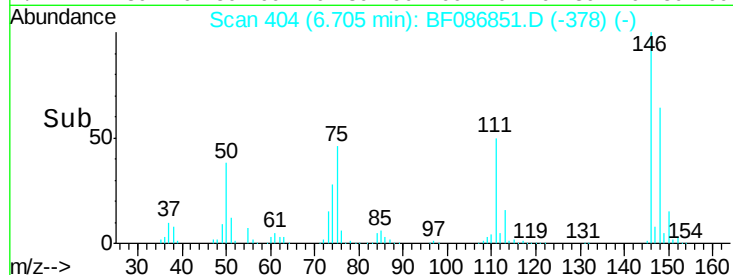
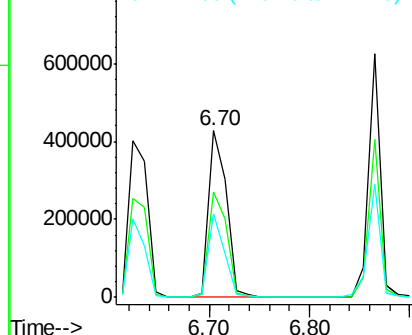
146 100

148 63.6 52.2 78.4

111 50.4 30.7 46.1#



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



#14

1,2-Dichlorobenzene

Concen: 40.01 ng

RT: 6.86 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

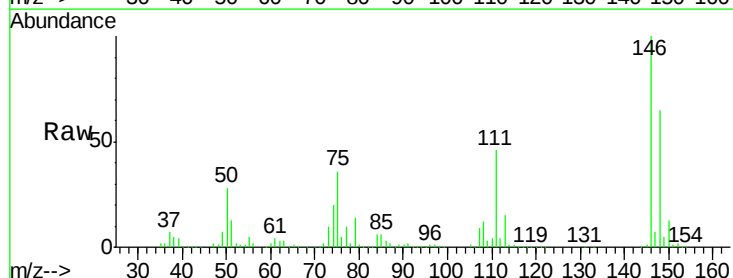
Tgt Ion:146 Resp: 514893

Ion Ratio Lower Upper

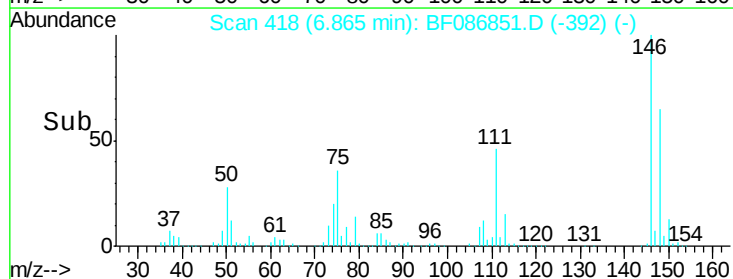
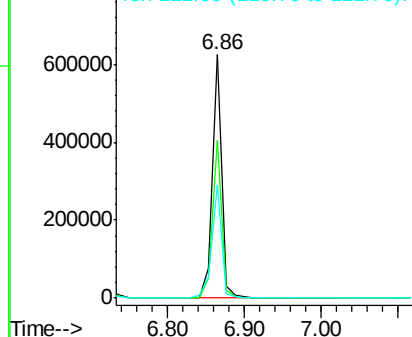
146 100

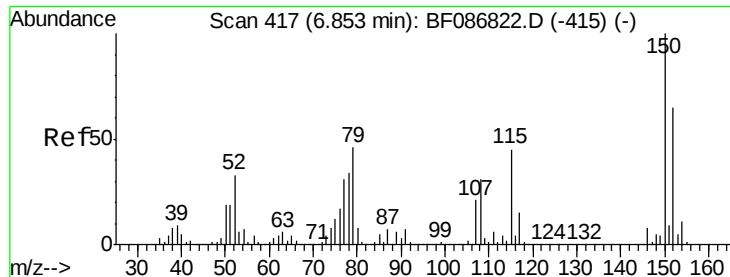
148 65.0 51.0 76.6

111 46.4 36.2 54.4



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

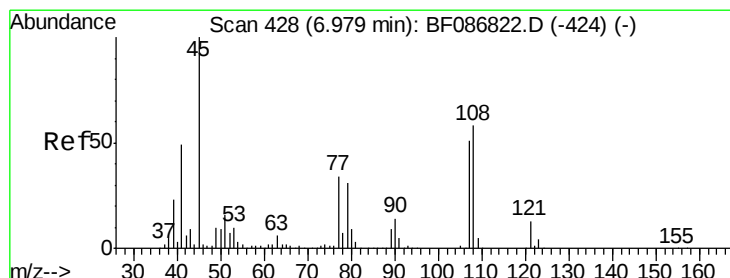
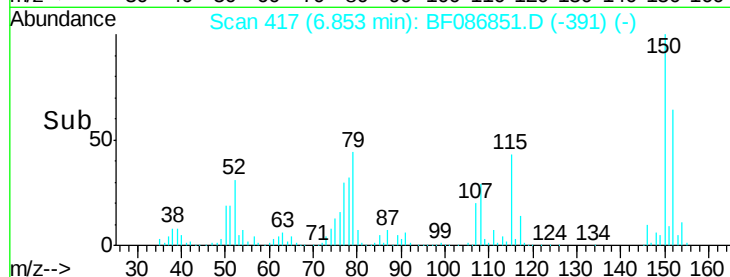
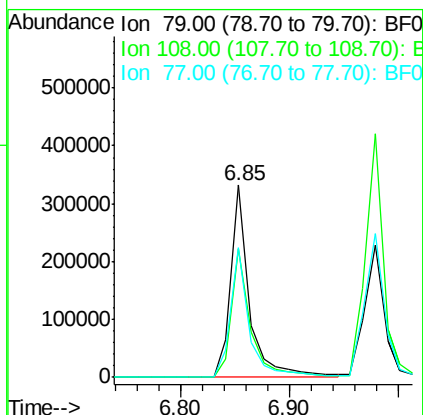
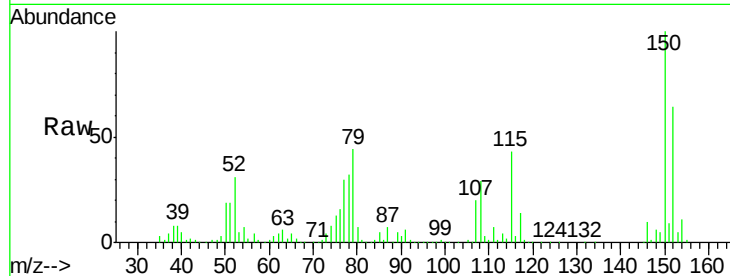




#15
Benzyl Alcohol
Concen: 38.71 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

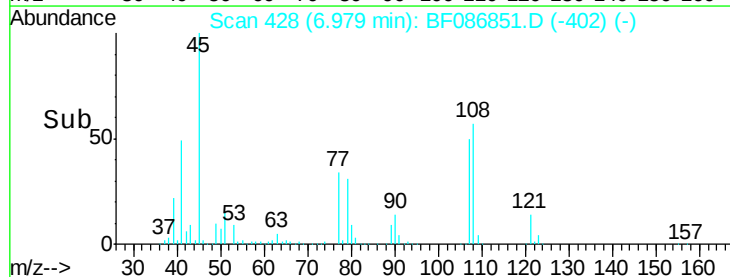
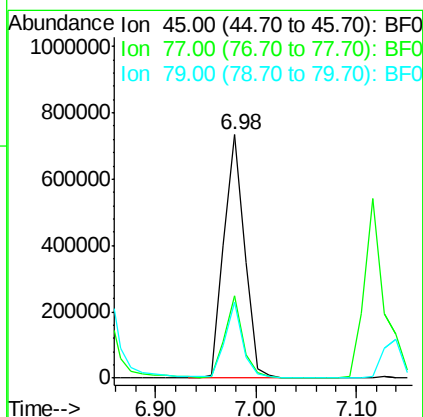
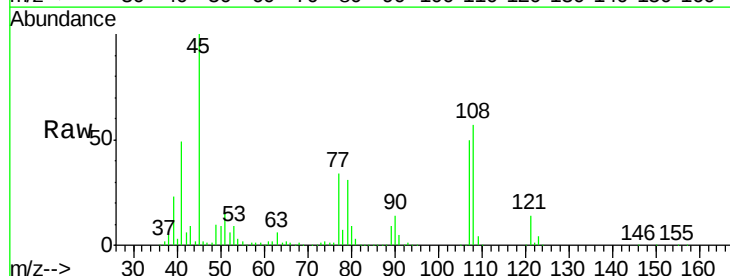
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

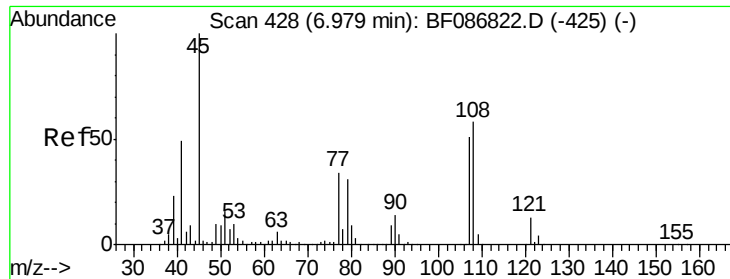
Tgt Ion: 79 Resp: 396066
Ion Ratio Lower Upper
79 100
108 67.0 68.4 102.6#
77 67.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.19 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion: 45 Resp: 1050842
Ion Ratio Lower Upper
45 100
77 34.0 0.0 36.4
79 31.2 0.0 33.4

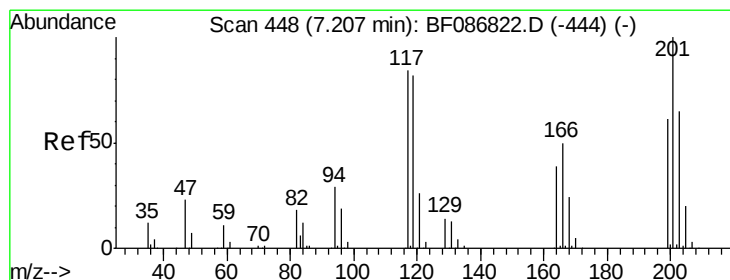
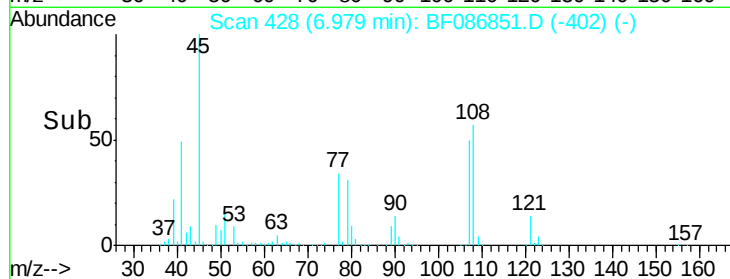
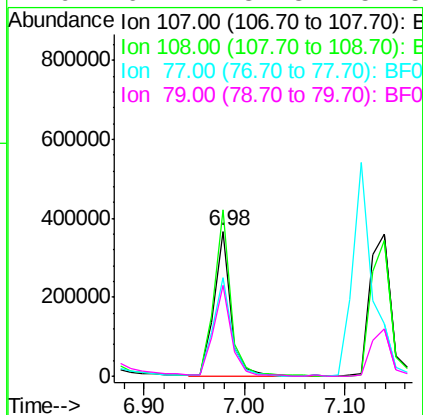
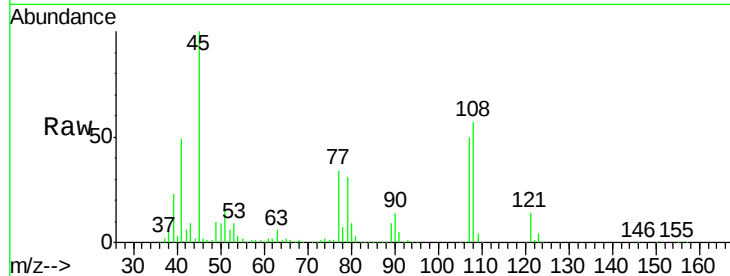




#17
2-Methylphenol
Concen: 39.31 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

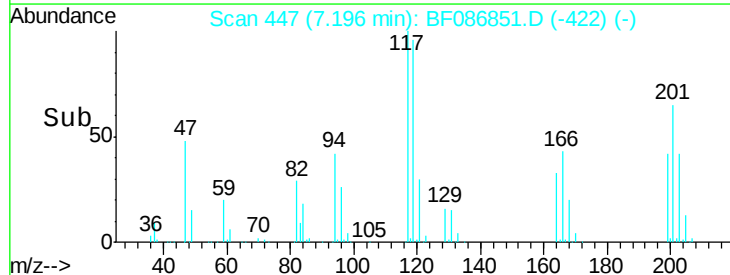
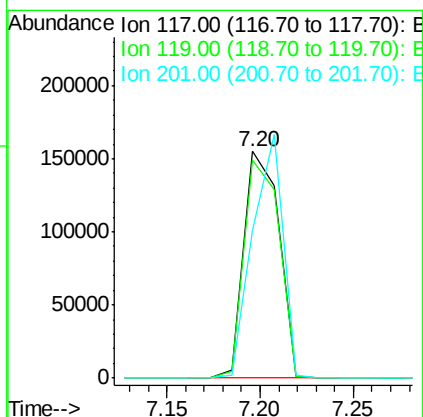
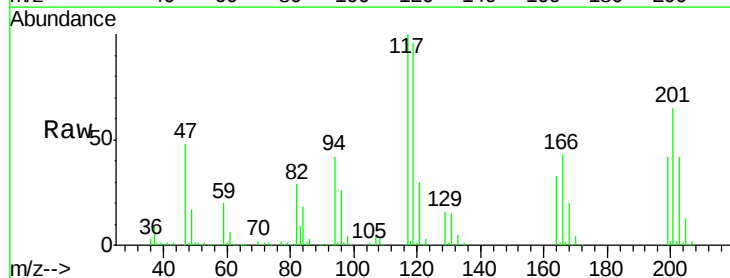
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

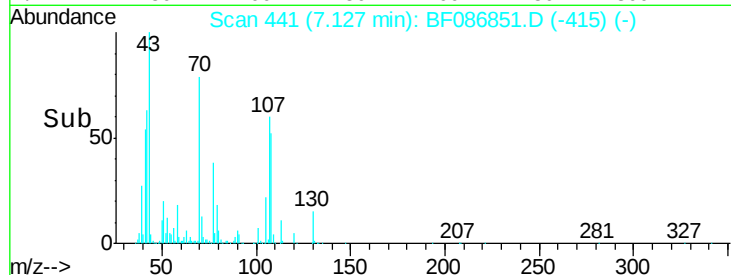
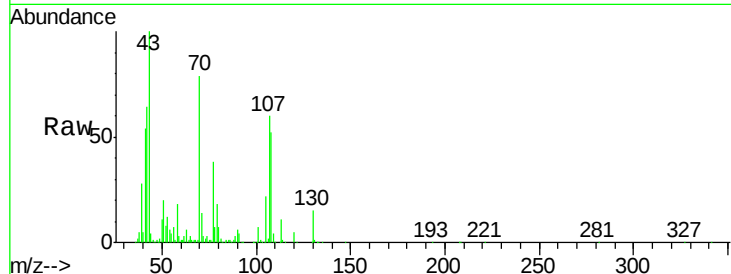
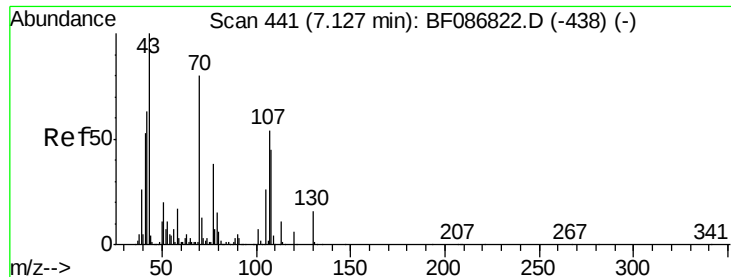
Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.2	93.7	140.5
77	67.7	33.4	50.0#
79	62.2	34.3	51.5#



#18
Hexachloroethane
Concen: 36.13 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.5	114.7
201	65.4	63.0	94.6

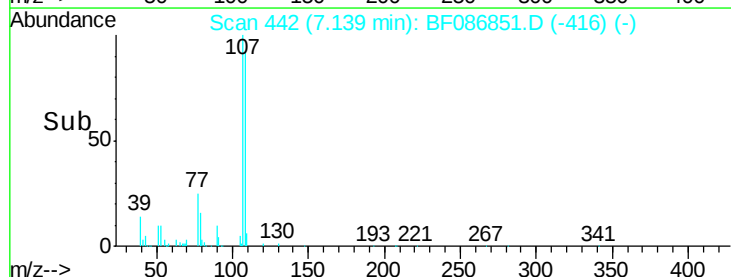
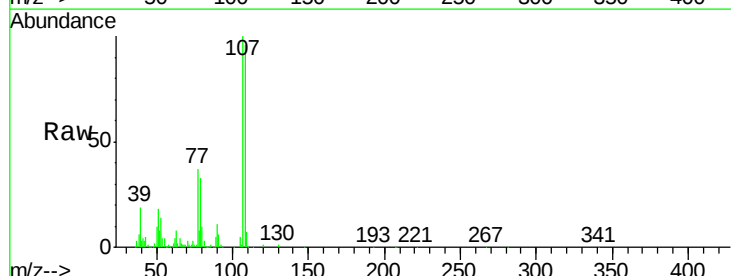
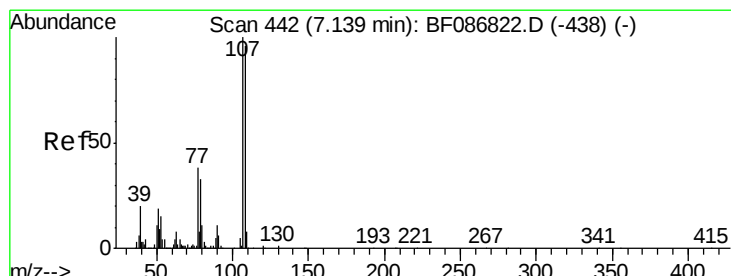
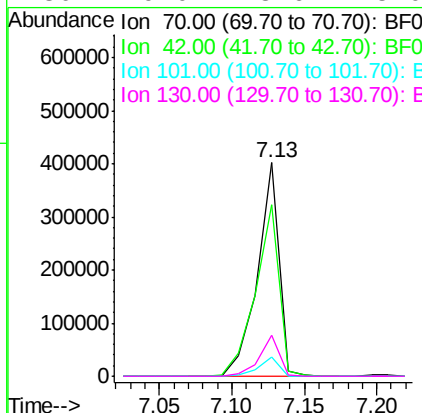




#19
n-Nitroso-di-n-propylamine
Concen: 40.17 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

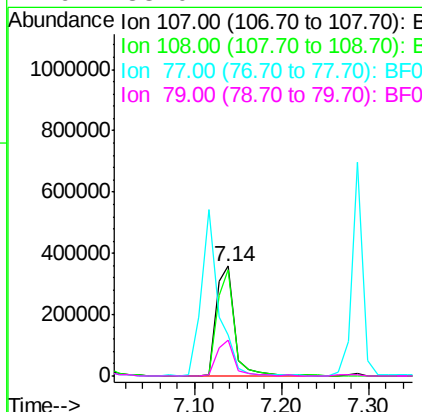
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

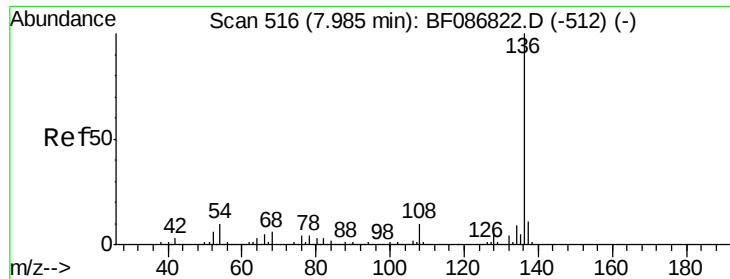
Tgt Ion: 70 Resp: 416071
Ion Ratio Lower Upper
70 100
42 80.6 43.1 64.7#
101 9.2 8.1 12.1
130 19.0 18.6 28.0



#20
3+4-Methylphenols
Concen: 38.37 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion: 107 Resp: 533602
Ion Ratio Lower Upper
107 100
108 96.2 68.5 108.5
77 37.0 101.6 141.6#
79 33.0 7.4 47.4

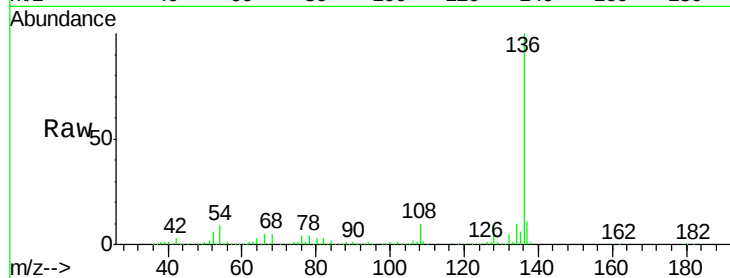




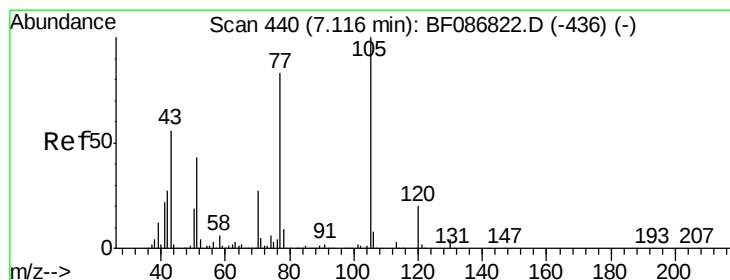
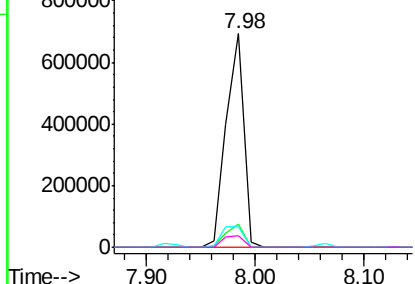
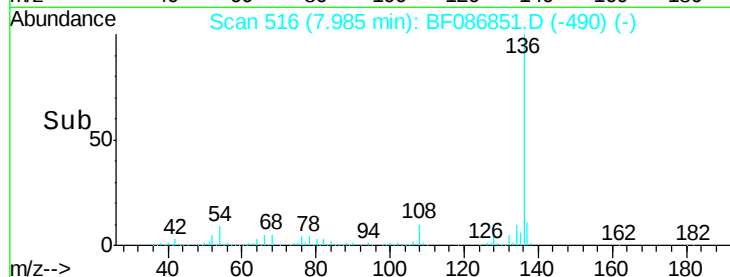
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	136	Resp:	777294
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.3	5.0	7.4#
68	5.3	4.4	6.6

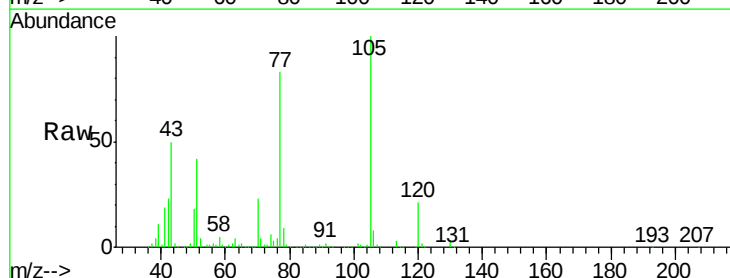


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

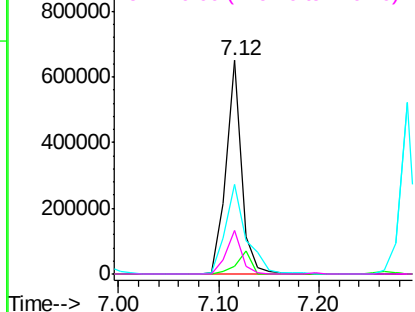
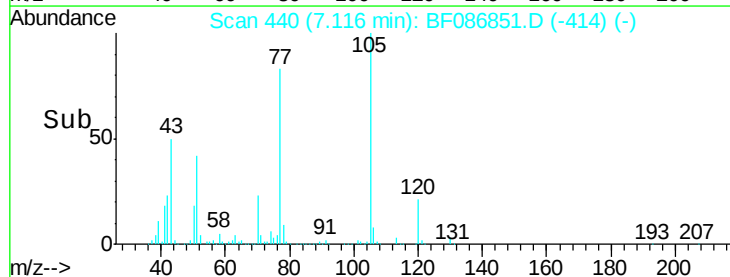


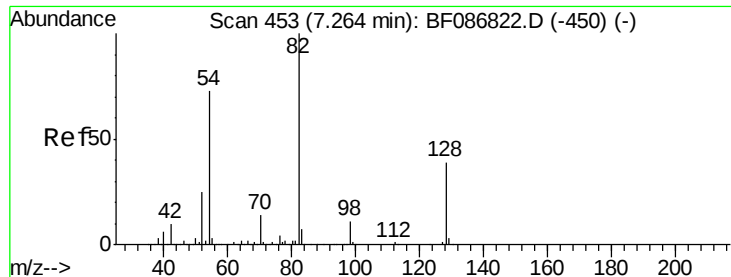
#22
Acetophenone
Concen: 37.91 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion:	105	Resp:	695980
Ion	Ratio	Lower	Upper
105	100		
71	3.8	4.8	7.2#
51	41.7	32.6	49.0
120	20.6	16.5	24.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

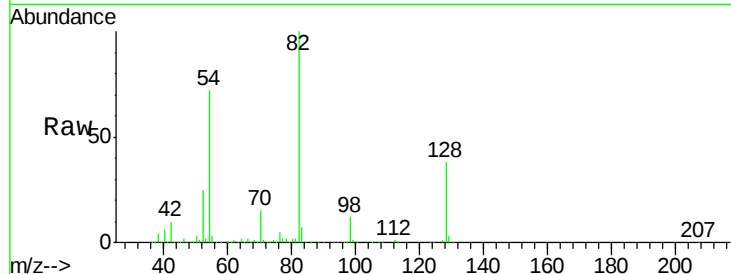




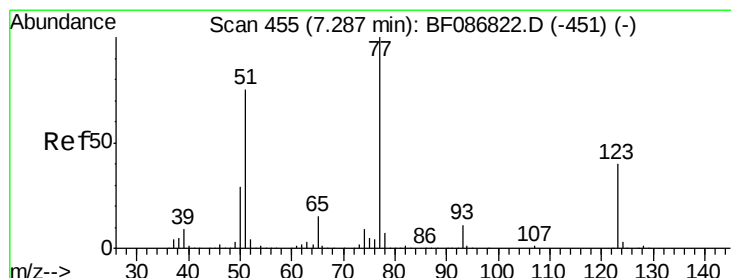
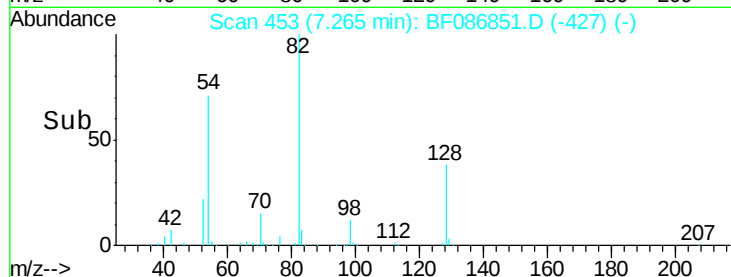
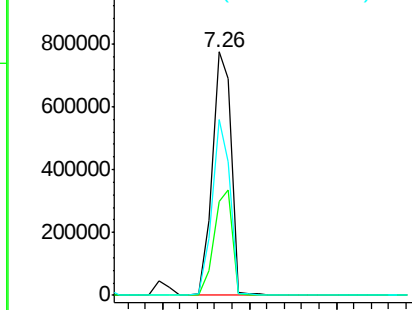
#23
 Nitrobenzene-d5
 Concen: 76.91 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 1190539
 Ion Ratio Lower Upper
 82 100
 128 38.4 40.6 61.0#
 54 72.0 38.1 57.1#

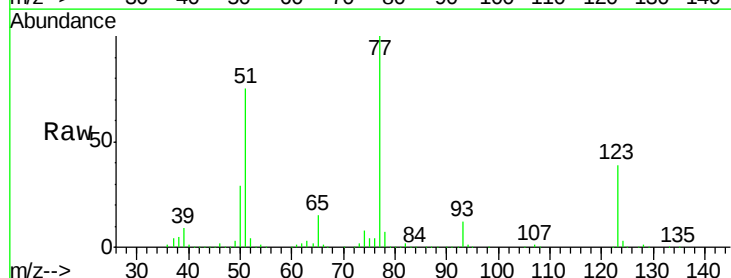


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

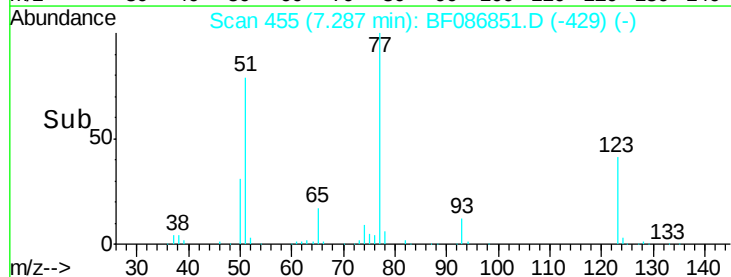
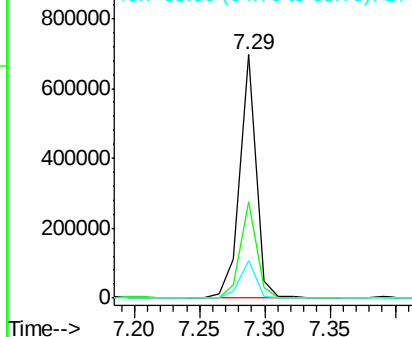


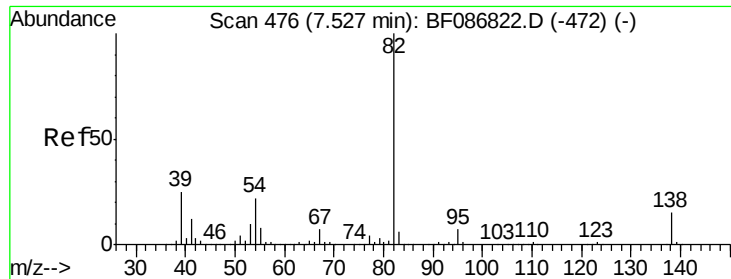
#24
 Nitrobenzene
 Concen: 37.65 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion: 77 Resp: 599467
 Ion Ratio Lower Upper
 77 100
 123 39.5 33.0 49.4
 65 15.5 10.8 16.2



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





#25

Isophorone

Concen: 36.81 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

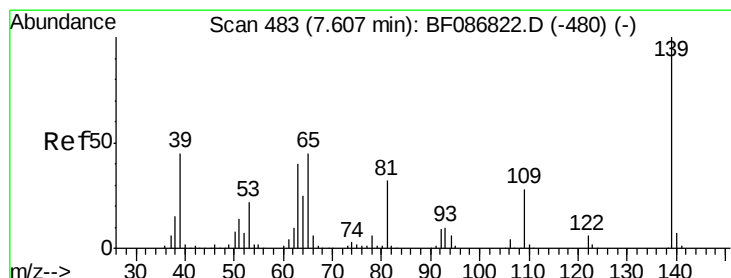
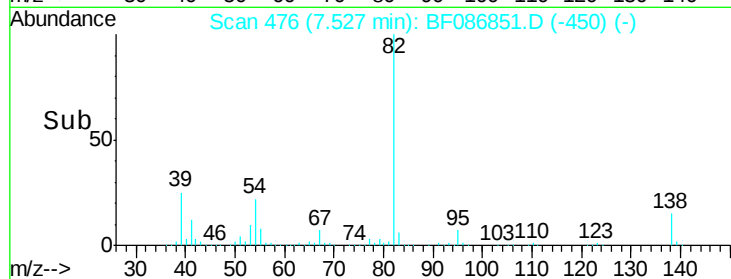
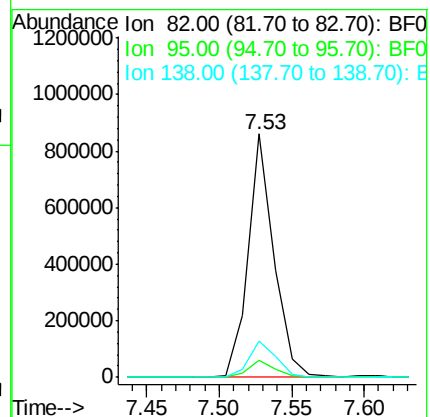
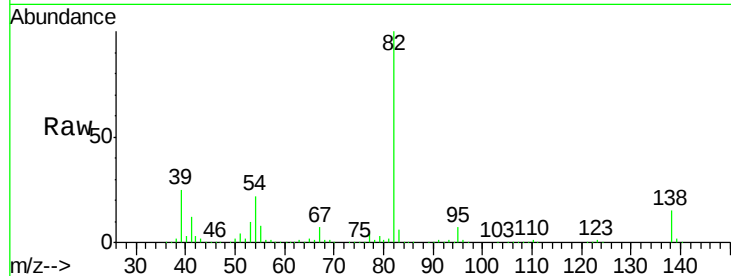
Tgt Ion: 82 Resp: 1057342

Ion Ratio Lower Upper

82 100

95 6.9 5.1 7.7

138 15.1 12.4 18.6



#26

2-Nitrophenol

Concen: 40.88 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

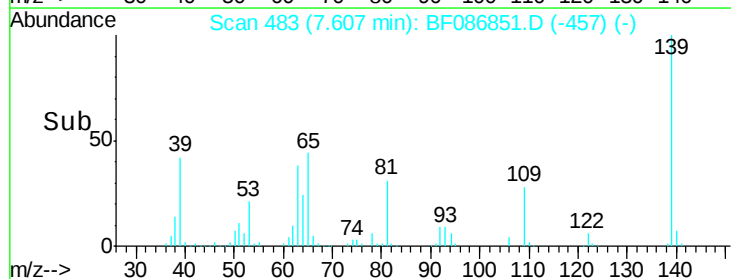
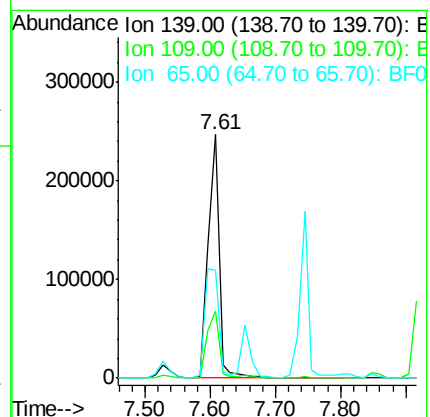
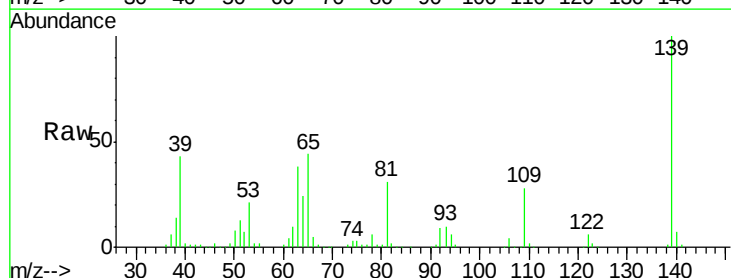
Tgt Ion: 139 Resp: 286110

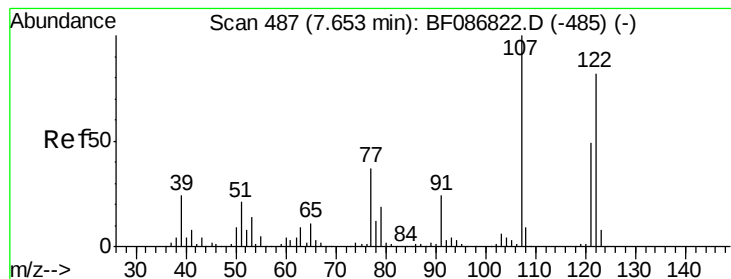
Ion Ratio Lower Upper

139 100

109 27.6 19.5 29.3

65 44.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 34.55 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

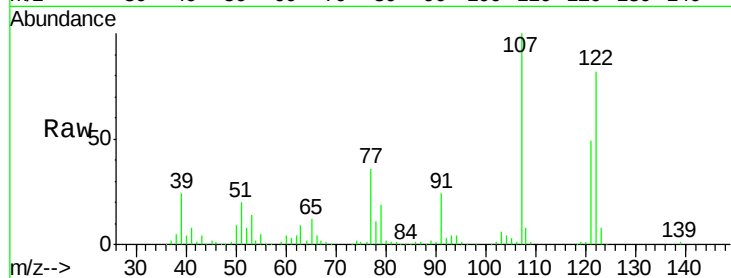
Tgt Ion:122 Resp: 411904

Ion Ratio Lower Upper

122 100

107 121.8 82.0 123.0

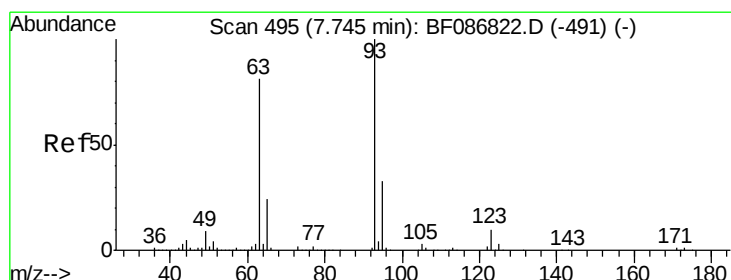
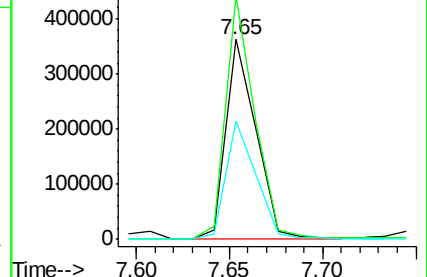
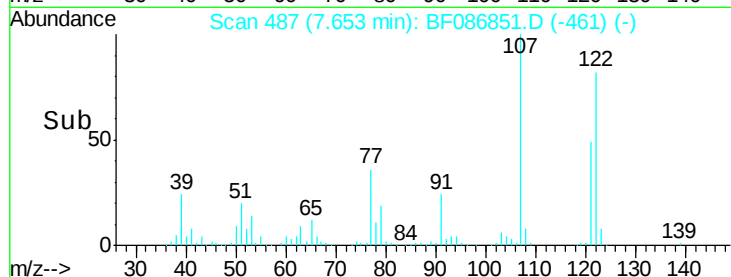
121 59.3 46.1 69.1



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: 40.09 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

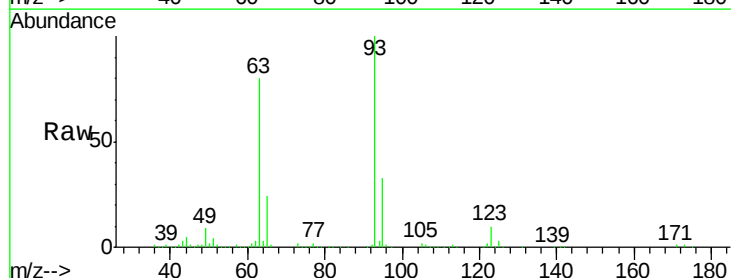
Tgt Ion: 93 Resp: 621029

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

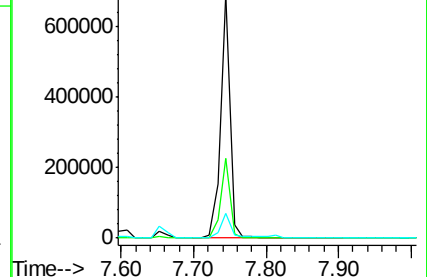
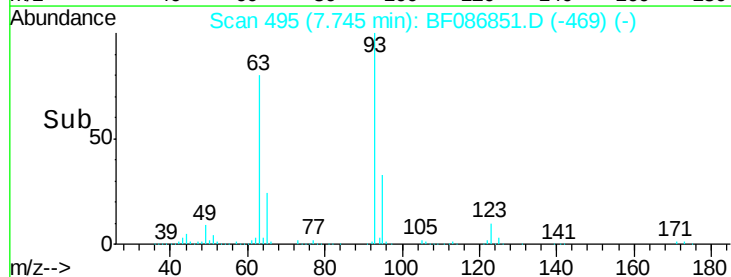
123 10.3 9.5 14.3

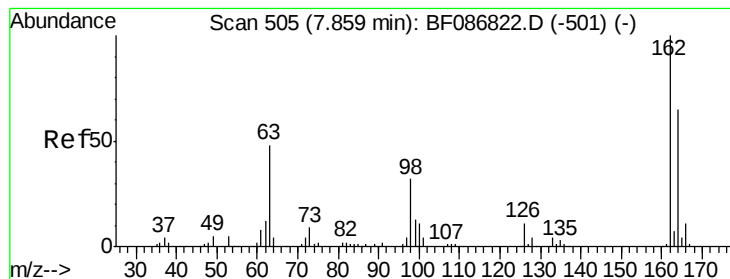


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 37.99 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

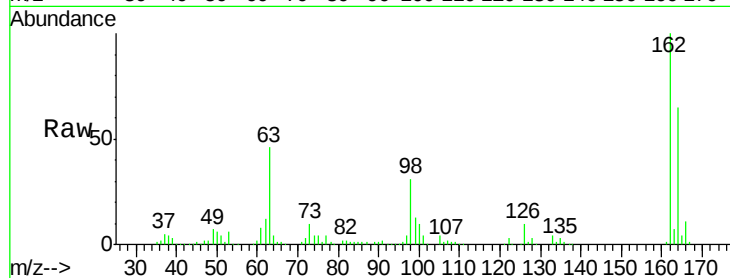
Tgt Ion:162 Resp: 398755

Ion Ratio Lower Upper

162 100

164 65.0 42.2 82.2

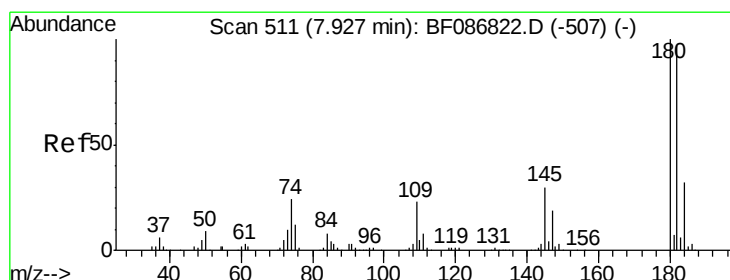
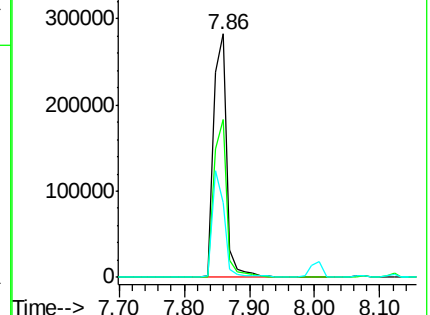
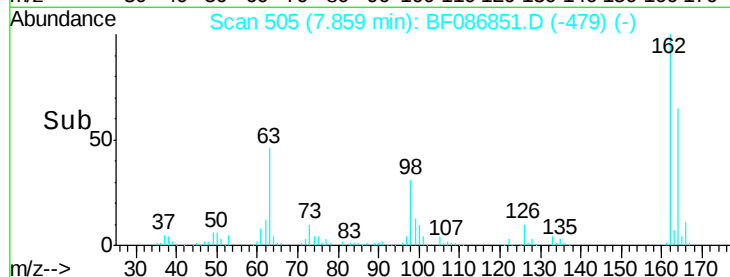
98 30.5 19.0 59.0



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: 39.17 ng

RT: 7.93 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

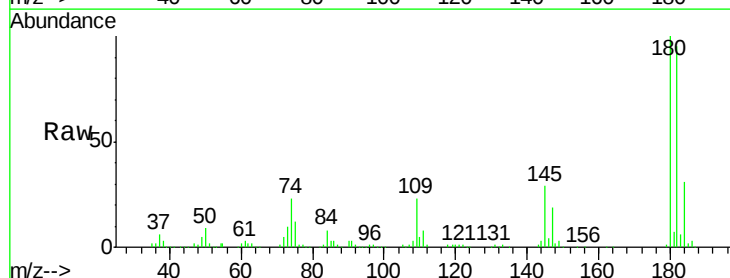
Tgt Ion:180 Resp: 459631

Ion Ratio Lower Upper

180 100

182 94.9 78.0 117.0

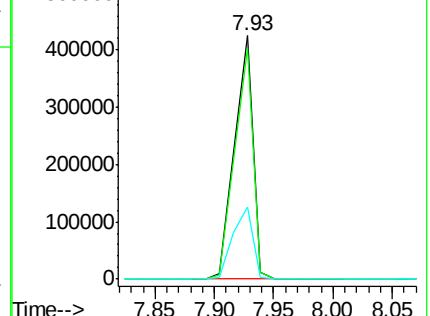
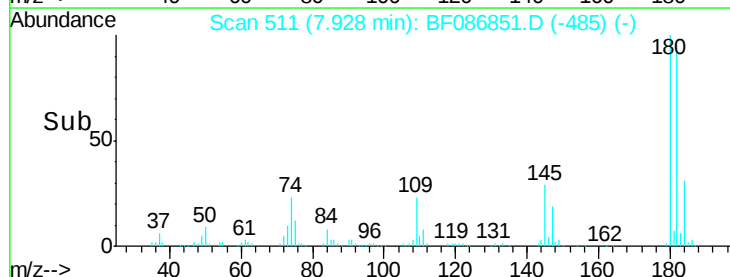
145 29.4 24.2 36.2

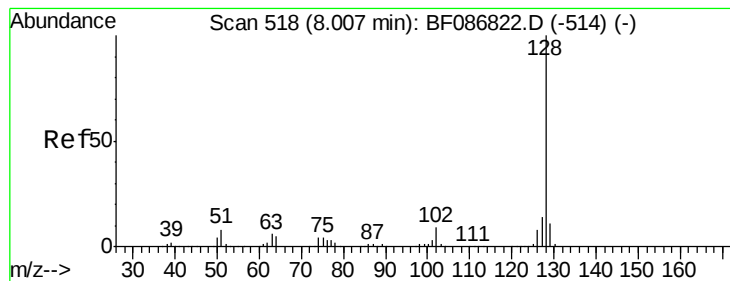


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.33 ng

RT: 8.01 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

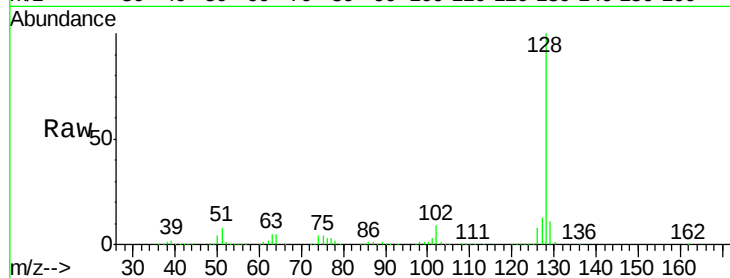
Tgt Ion:128 Resp: 1453310

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

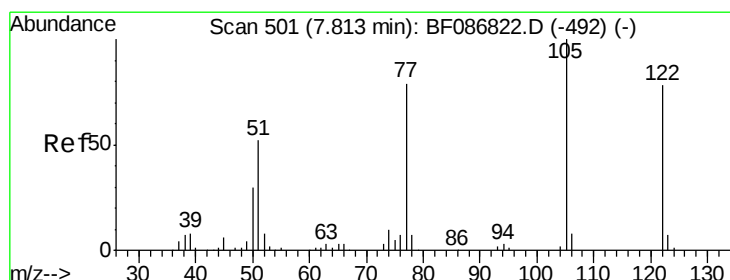
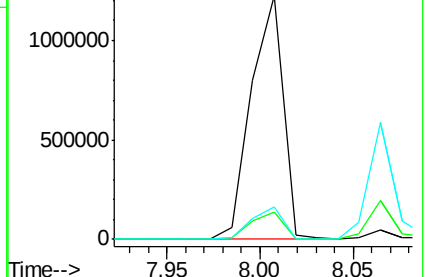
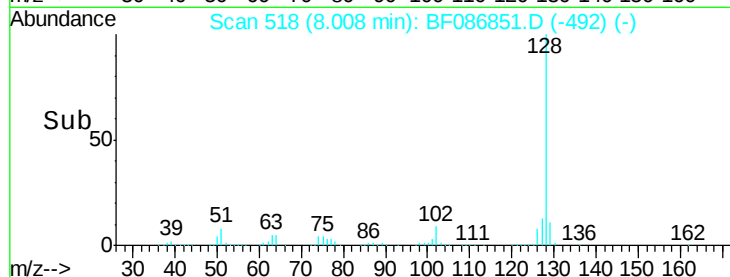
127 13.3 10.8 16.2



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: 36.18 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

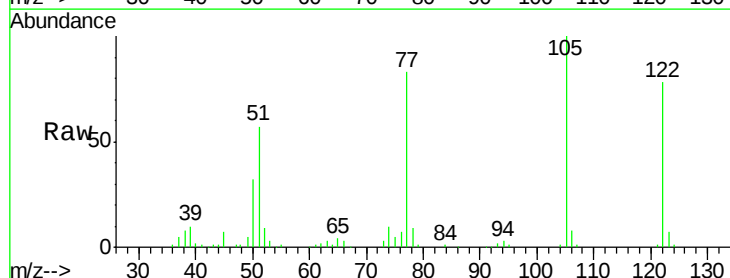
Tgt Ion:122 Resp: 253396

Ion Ratio Lower Upper

122 100

105 128.1 92.6 132.6

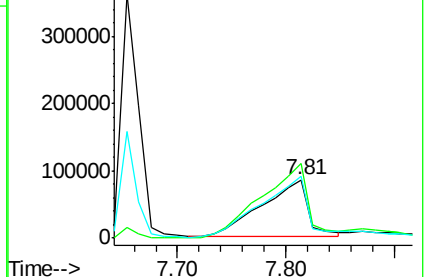
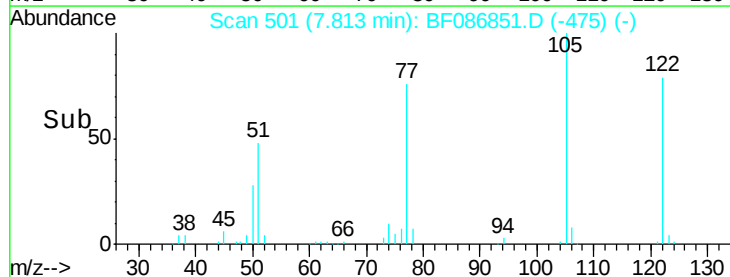
77 105.7 60.0 100.0#

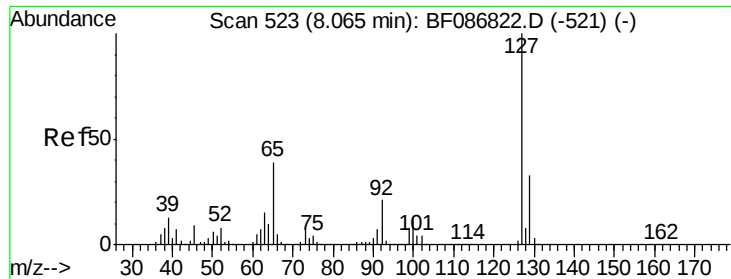


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

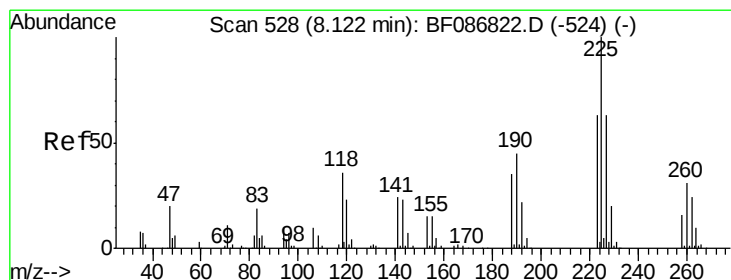
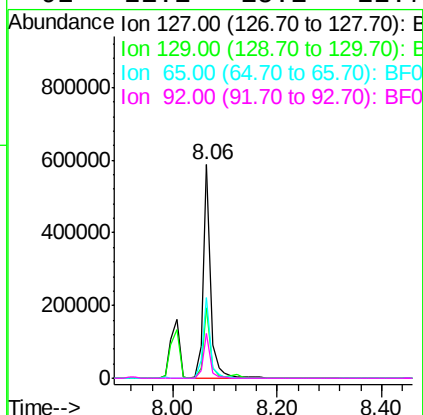
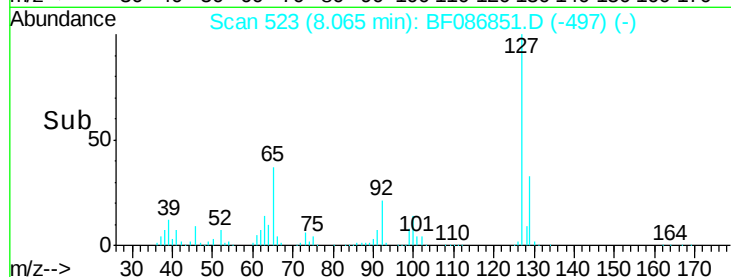
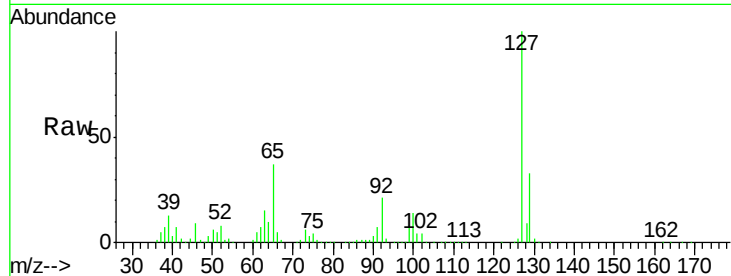




#33
4-Chloroaniline
Concen: 38.02 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

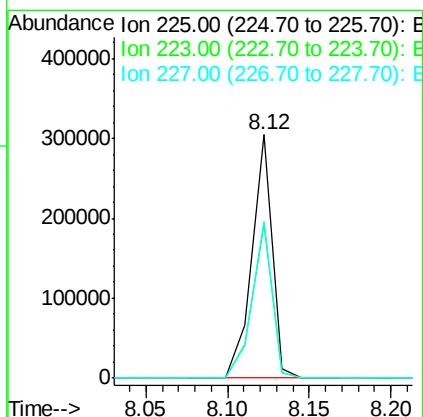
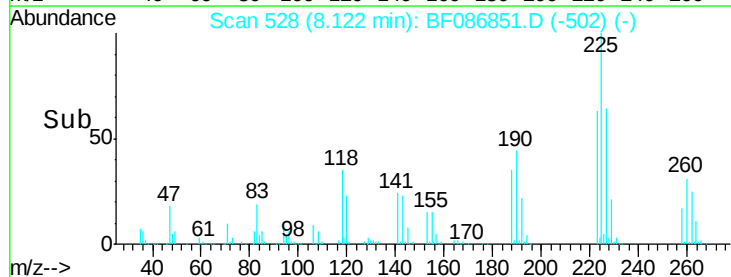
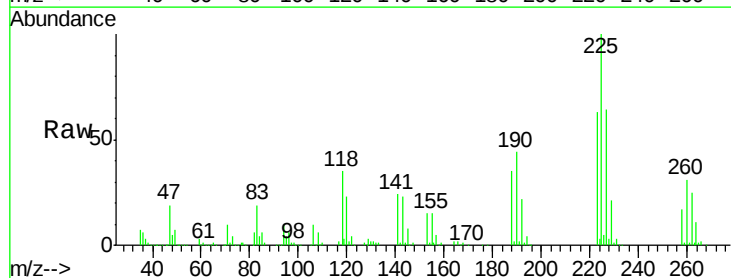
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

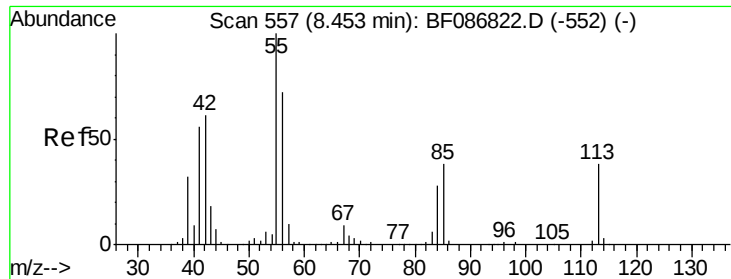
Tgt Ion:	127	Resp:	575153
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	37.5	23.0	34.4
92	21.1	15.1	22.7



#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion:	225	Resp:	262652
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.5	77.3
227	64.2	52.2	78.2

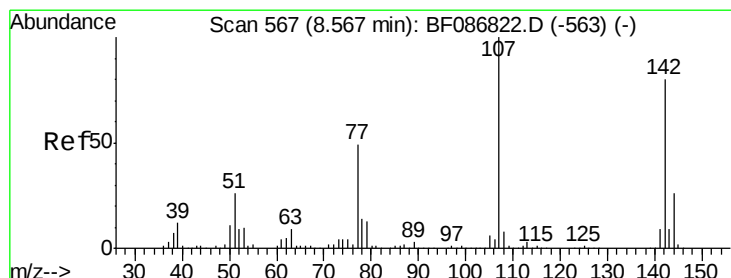
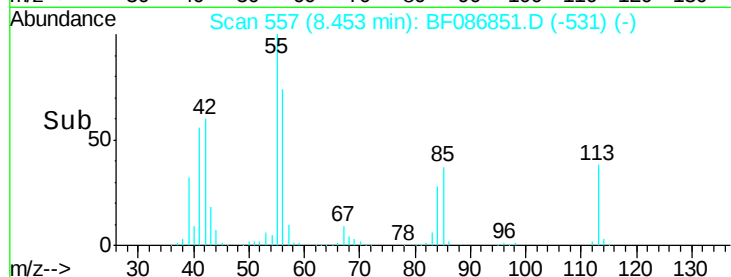
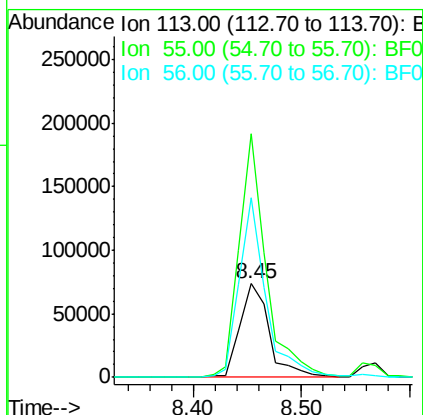
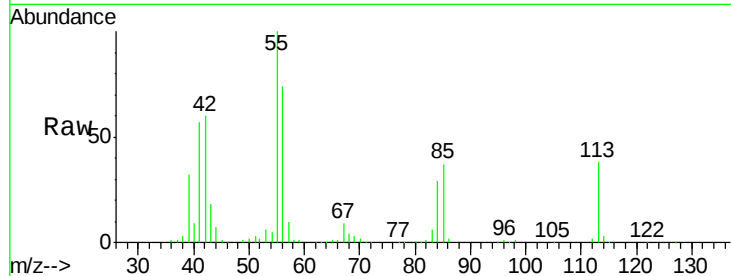




#35
 Caprolactam
 Concen: 38.52 ng
 RT: 8.45 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

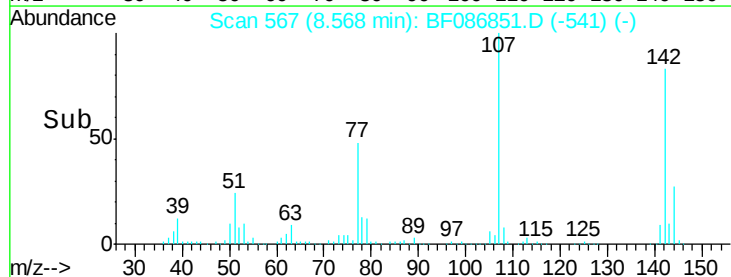
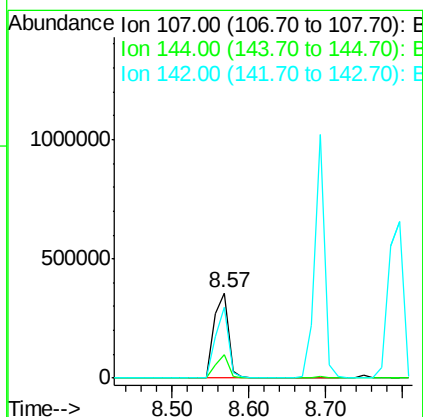
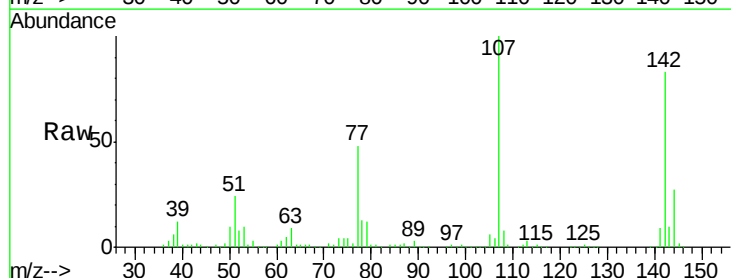
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

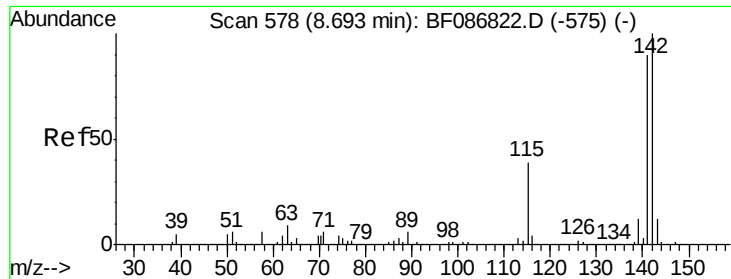
Tgt Ion:113 Resp: 137536
 Ion Ratio Lower Upper
 113 100
 55 260.8 162.0 202.0#
 56 192.6 115.3 155.3#



#36
 4-Chloro-3-methylphenol
 Concen: 36.93 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:107 Resp: 469975
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 83.3 63.2 94.8

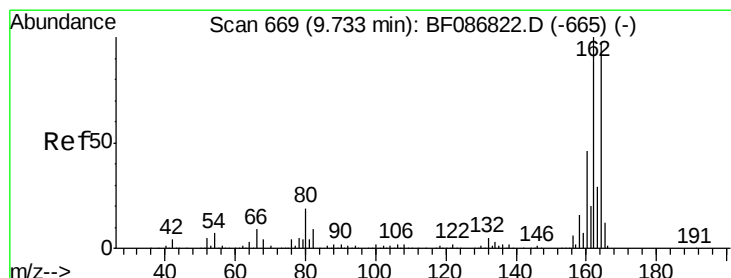
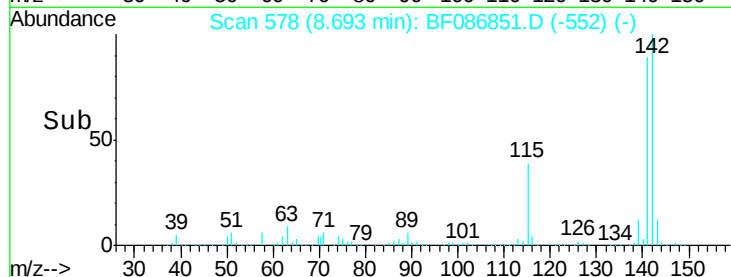
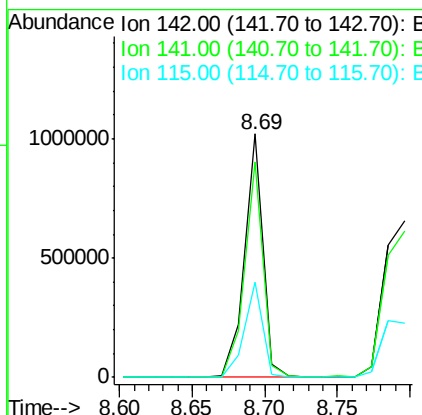
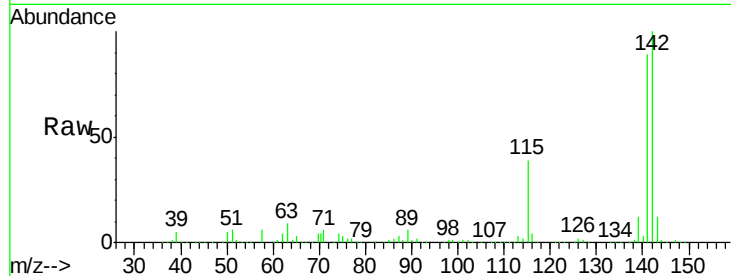




#37
 2-Methylnaphthalene
 Concen: 39.35 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

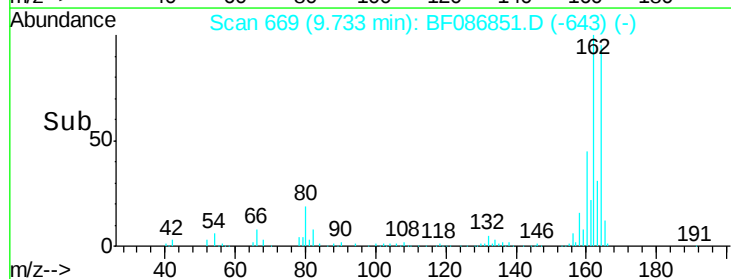
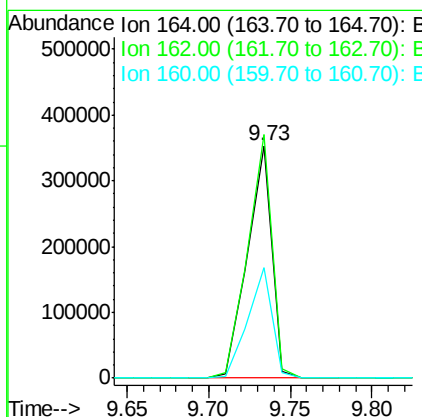
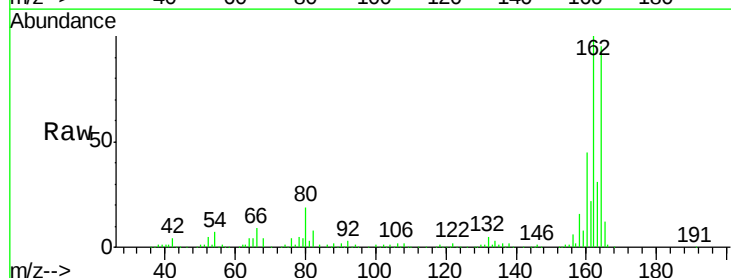
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

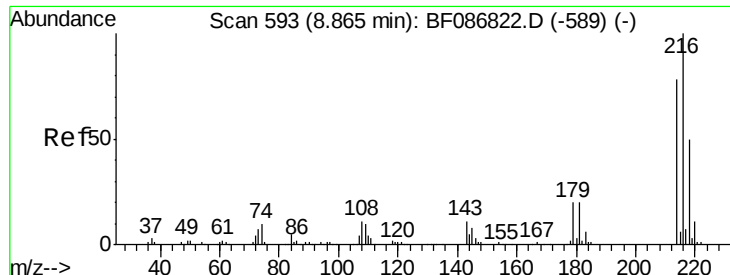
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.0	106.6
115	39.0	26.6	39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.8	124.2
160	47.5	36.9	55.3

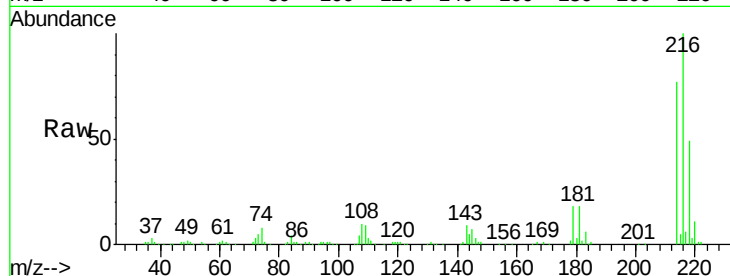




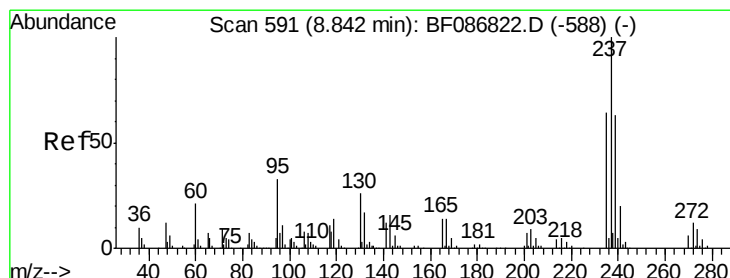
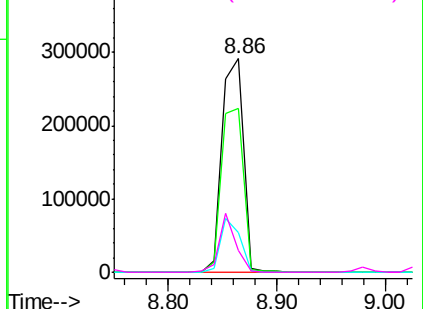
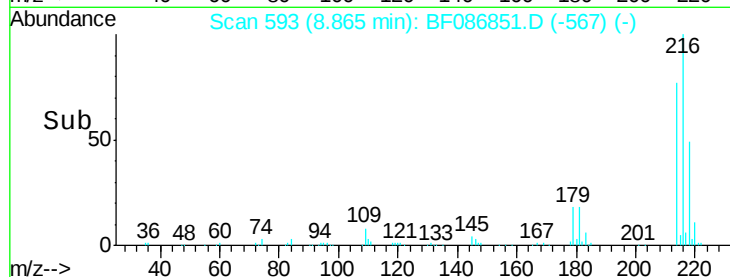
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.43 ng
 RT: 8.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	216	Resp:	398351
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.6	93.8
179	22.9	18.2	27.4
108	21.5	17.5	26.3

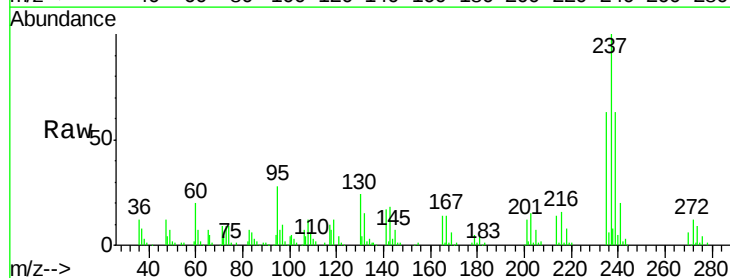


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

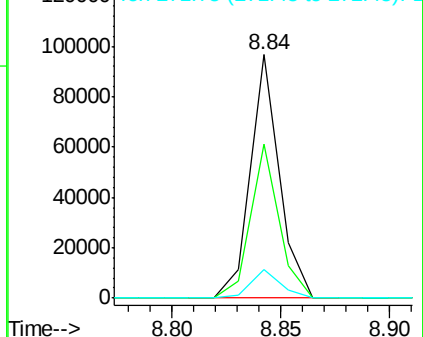
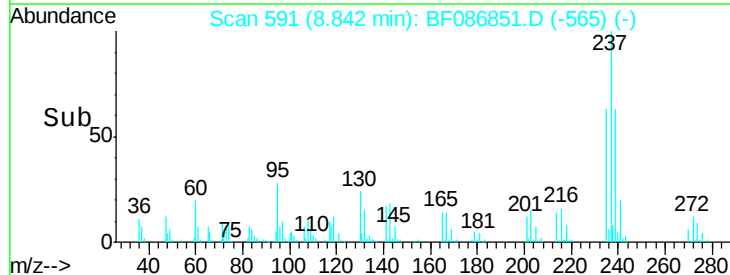


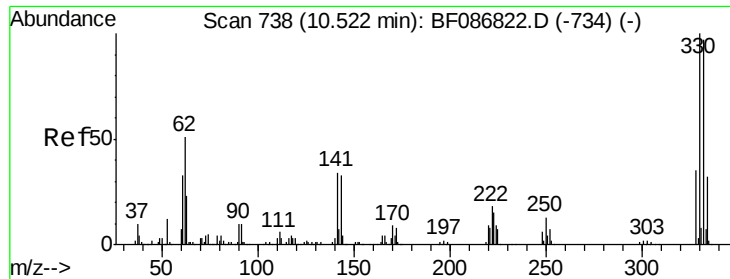
#40
 Hexachlorocyclopentadiene
 Concen: 17.61 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:	237	Resp:	88972
Ion Ratio	Lower	Upper	
237	100		
235	63.3	47.2	87.2
272	11.8	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

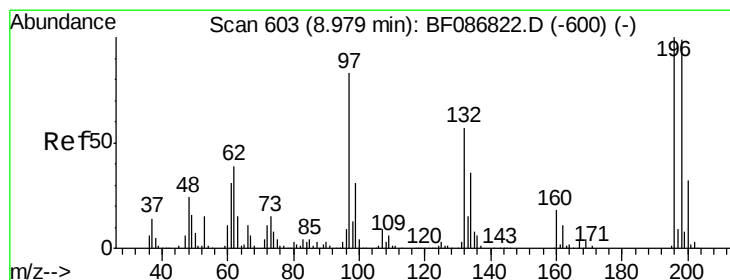
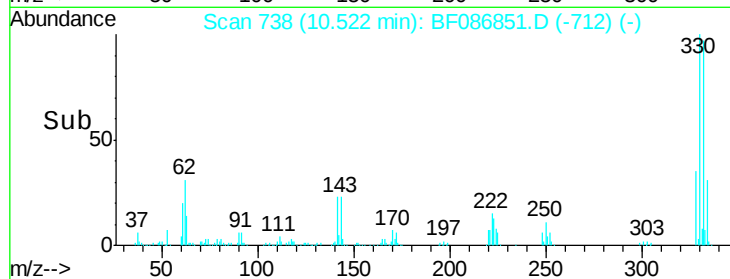
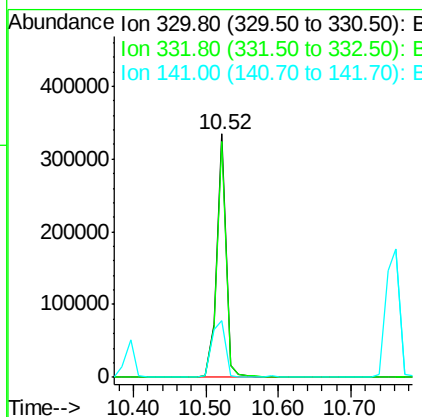
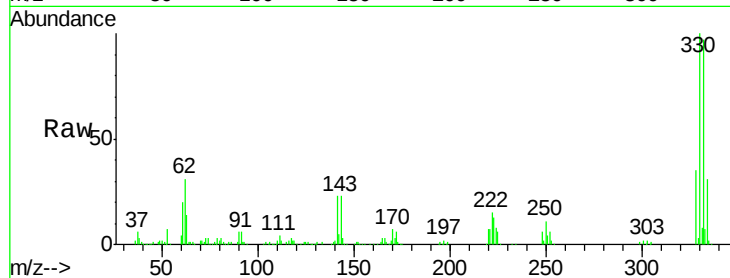




#41
 2,4,6-Tribromophenol
 Concen: 77.73 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

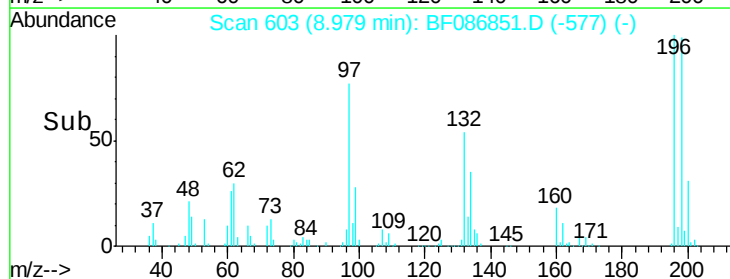
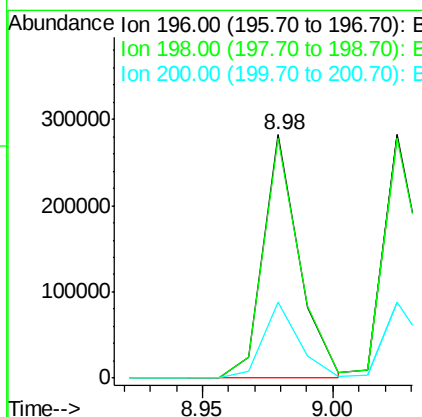
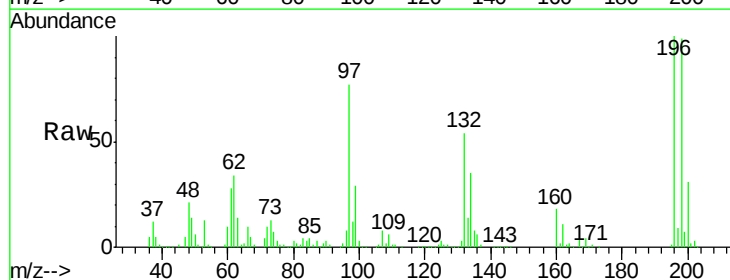
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 301231
 Ion Ratio Lower Upper
 330 100
 332 96.7 79.0 118.4
 141 34.8 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 37.98 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:196 Resp: 270324
 Ion Ratio Lower Upper
 196 100
 198 98.6 74.7 112.1
 200 31.4 23.8 35.6

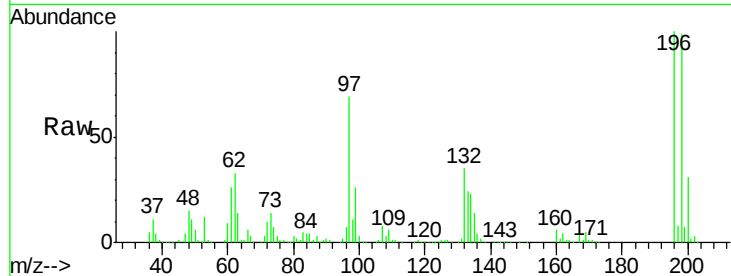




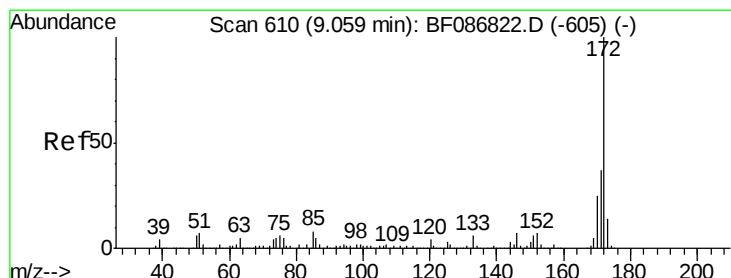
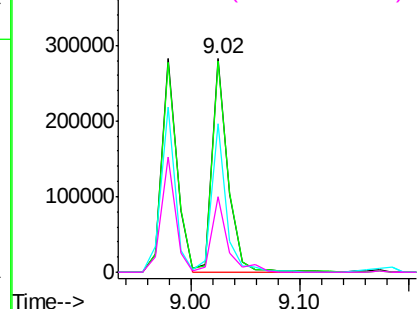
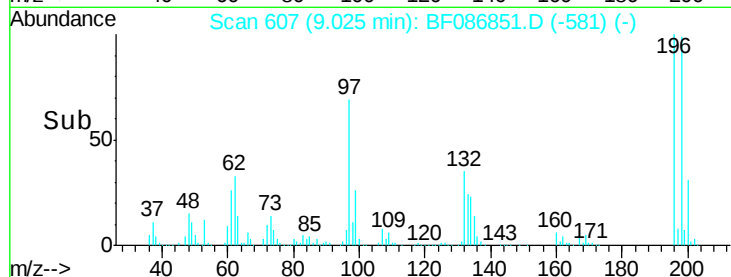
#43
 2,4,5-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 287477
 Ion Ratio Lower Upper
 196 100
 198 98.7 77.5 116.3
 97 69.3 34.8 52.2#
 132 35.2 23.0 34.4#

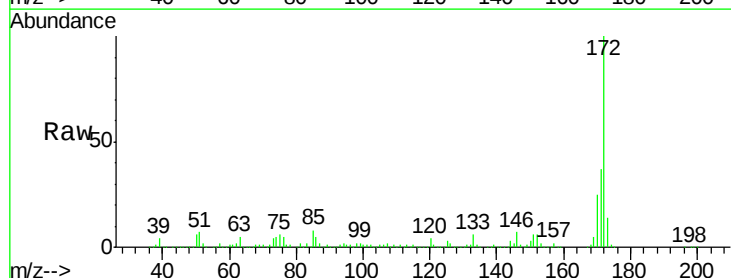


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

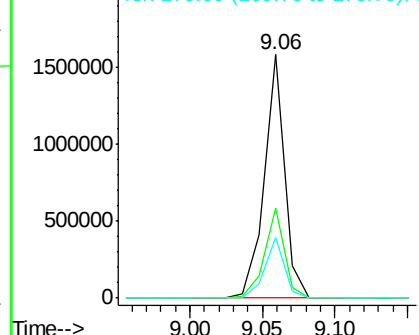
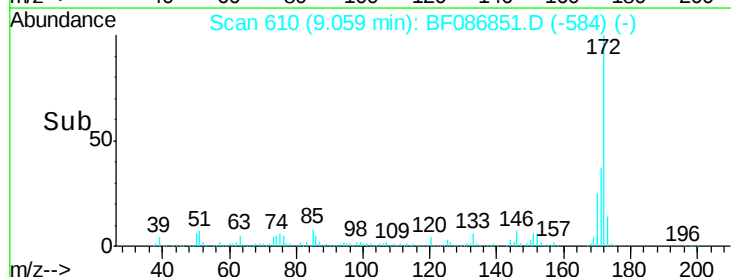


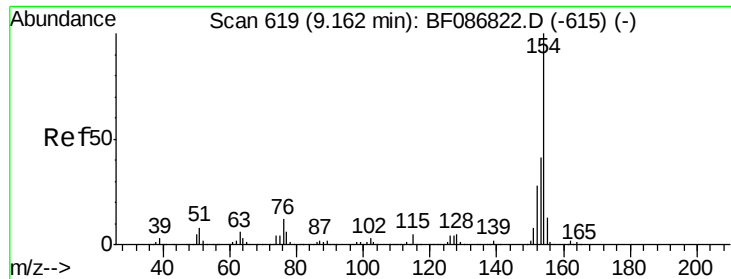
#44
 2-Fluorobiphenyl
 Concen: 70.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:172 Resp: 1536494
 Ion Ratio Lower Upper
 172 100
 171 36.9 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

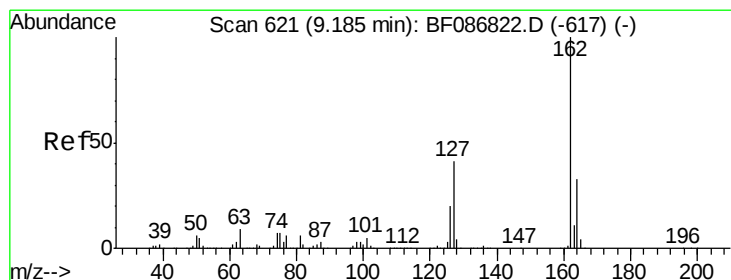
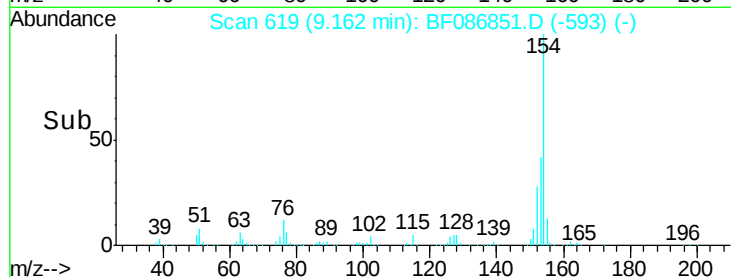
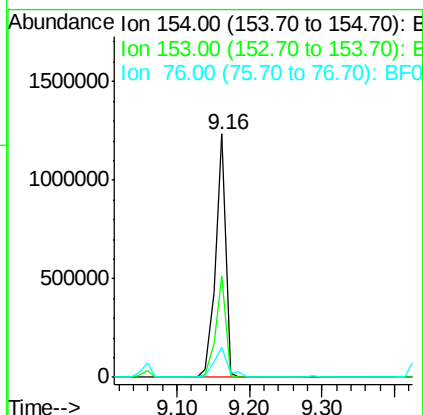
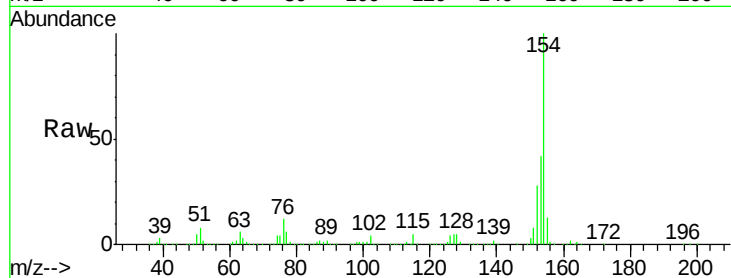




#45
 1,1'-Biphenyl
 Concen: 40.99 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

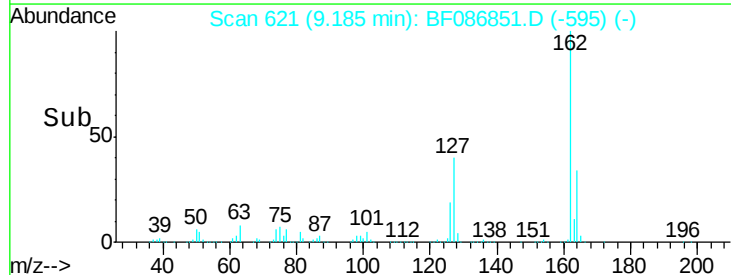
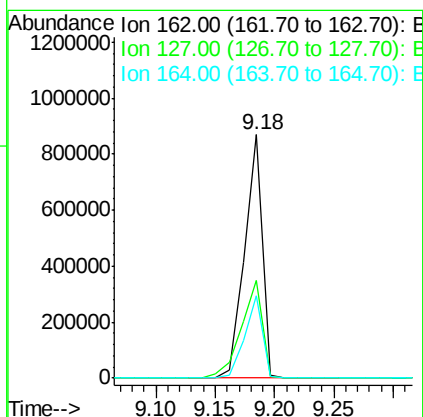
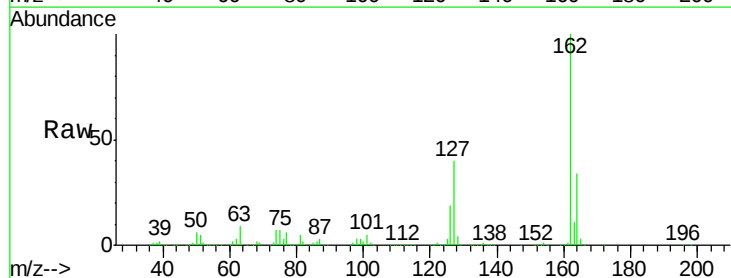
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

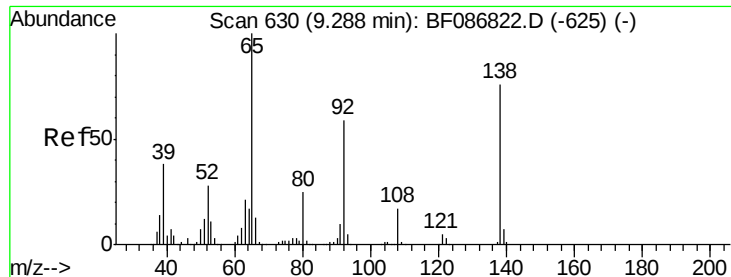
Tgt Ion:154 Resp: 1193316
 Ion Ratio Lower Upper
 154 100
 153 41.8 20.3 60.3
 76 12.2 0.0 30.2



#46
 2-Chloronaphthalene
 Concen: 40.15 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:162 Resp: 915776
 Ion Ratio Lower Upper
 162 100
 127 40.4 31.8 47.6
 164 33.7 27.0 40.6

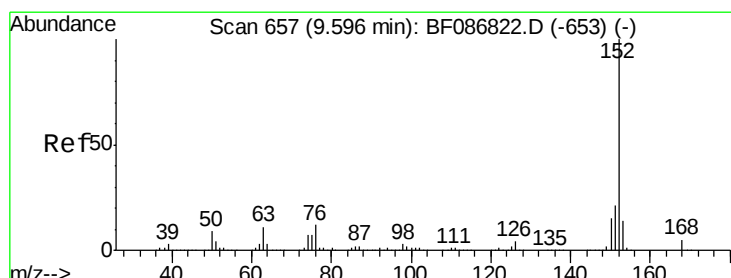
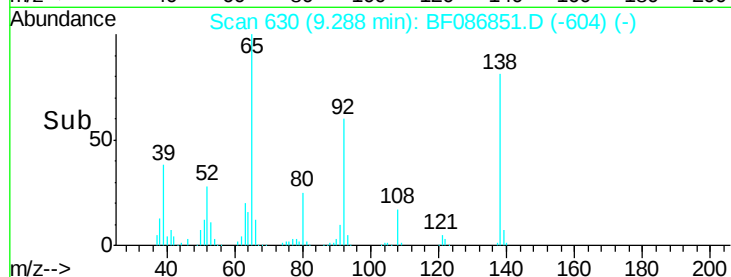
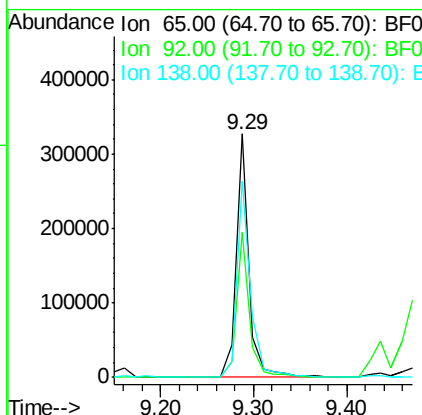
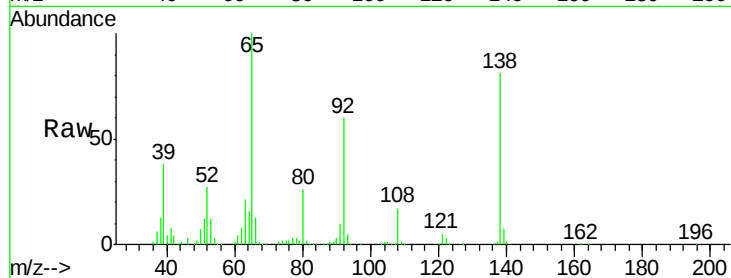




#47
 2-Nitroaniline
 Concen: 37.80 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

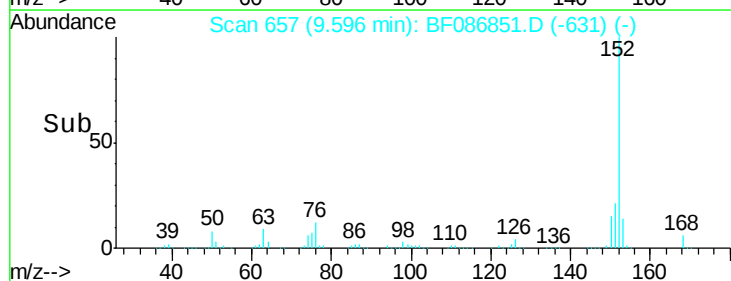
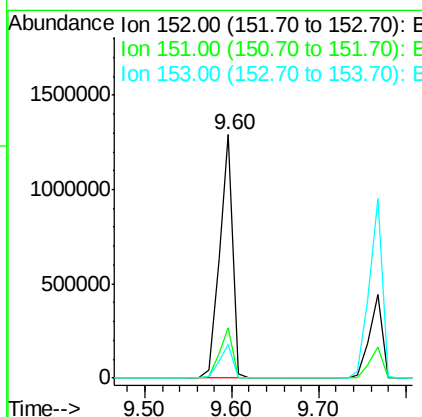
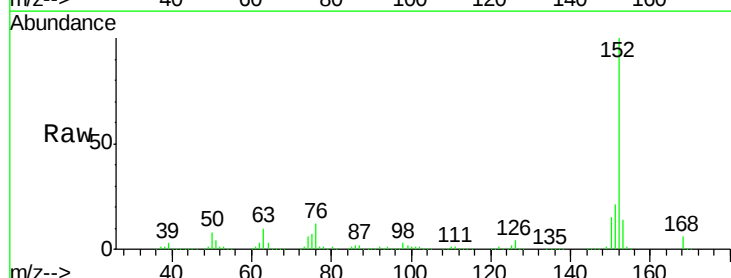
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

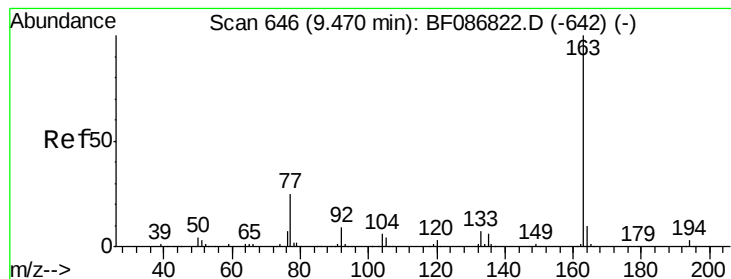
Tgt Ion: 65 Resp: 315103
 Ion Ratio Lower Upper
 65 100
 92 59.8 57.4 86.2
 138 80.7 90.1 135.1#



#48
 Acenaphthylene
 Concen: 40.89 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion: 152 Resp: 1371894
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.8 25.2
 153 14.0 10.9 16.3





#49

Dimethylphthalate

Concen: 37.78 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

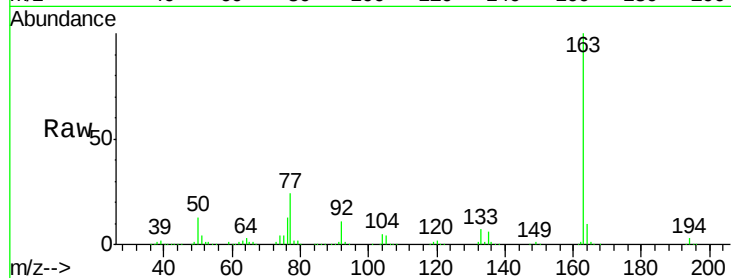
Tgt Ion:163 Resp: 1054957

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

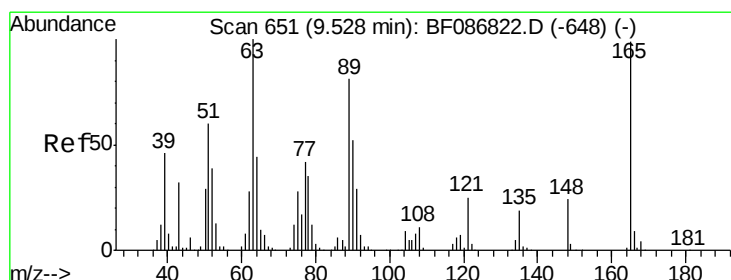
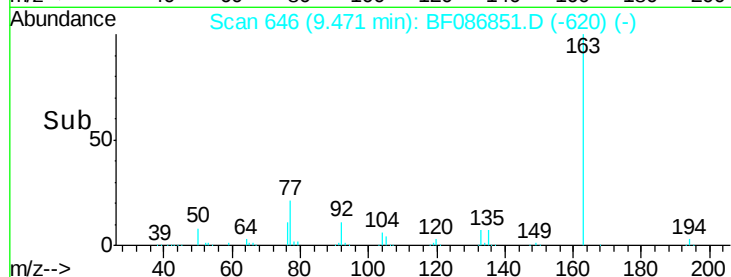
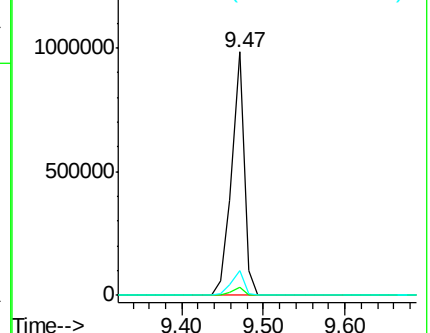
164 10.2 8.2 12.4



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: 36.08 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

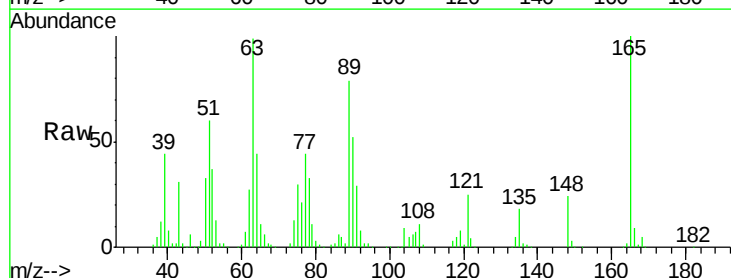
Tgt Ion:165 Resp: 212040

Ion Ratio Lower Upper

165 100

63 99.4 51.8 77.8#

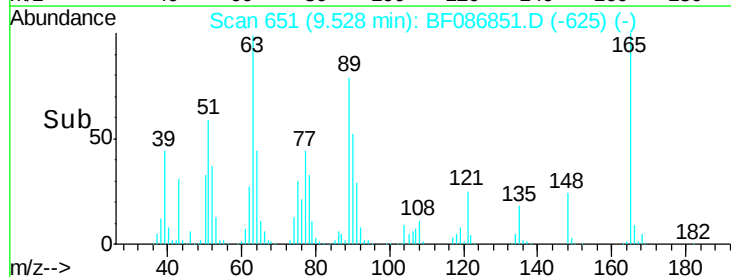
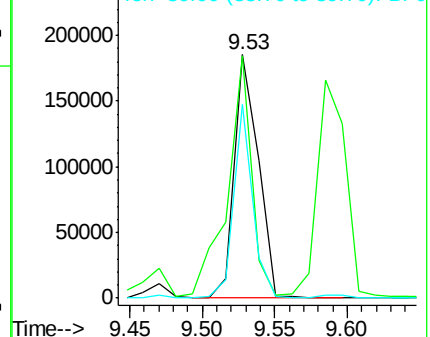
89 79.5 50.7 76.1#

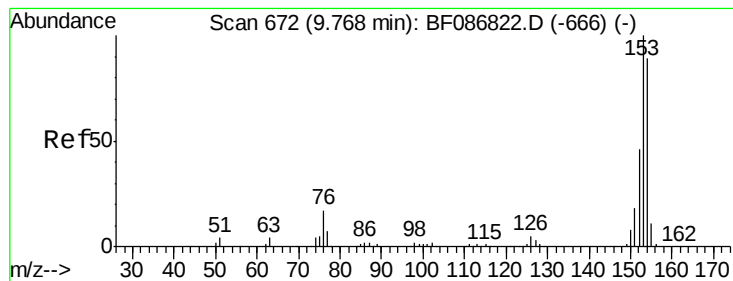


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.35 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

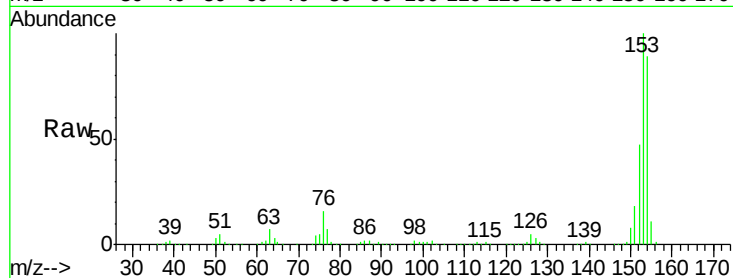
Tgt Ion:154 Resp: 863044

Ion Ratio Lower Upper

154 100

153 112.5 89.8 134.6

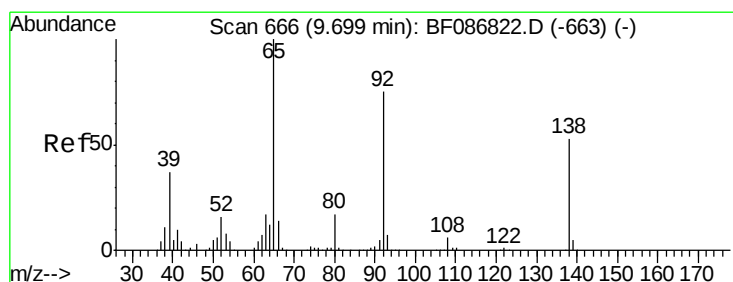
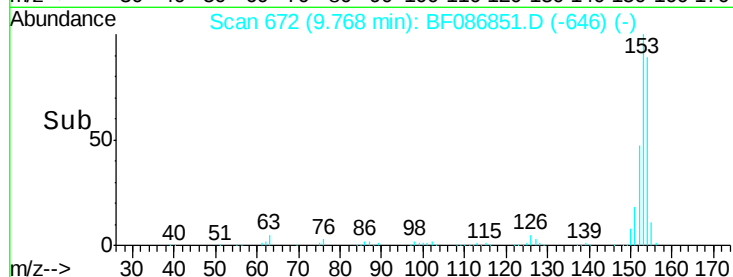
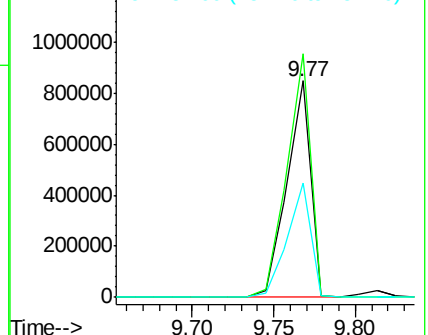
152 52.6 43.4 65.0



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: 37.53 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

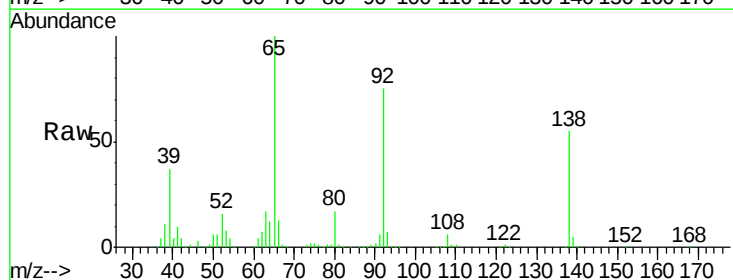
Tgt Ion:138 Resp: 232211

Ion Ratio Lower Upper

138 100

108 11.1 7.8 11.6

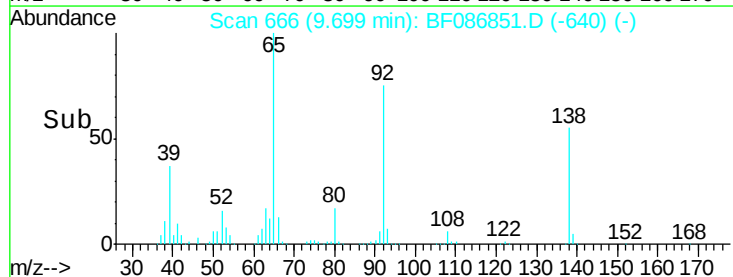
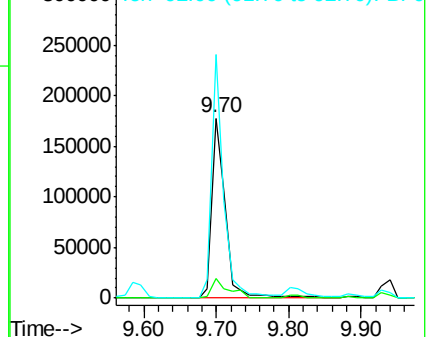
92 135.1 87.8 131.8#

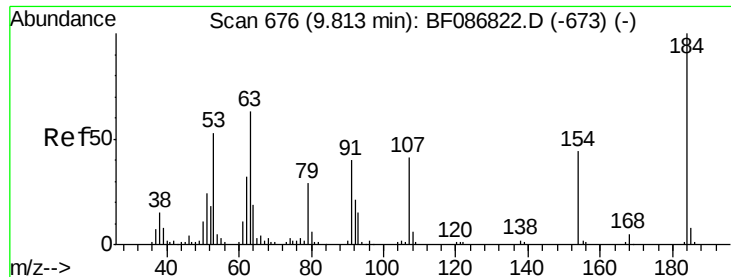


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

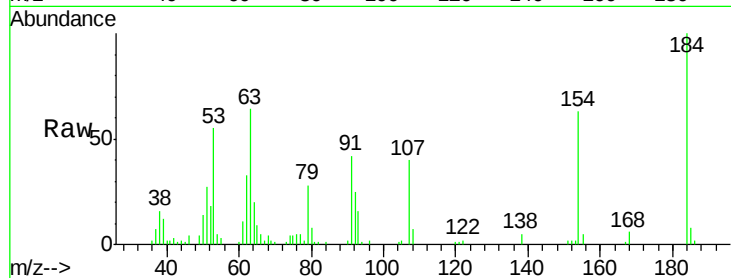




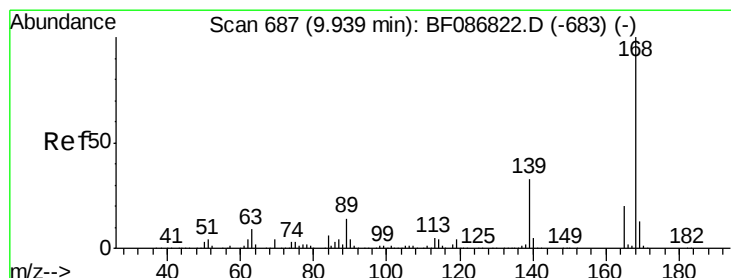
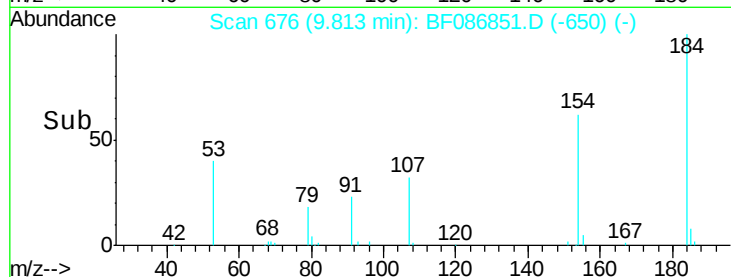
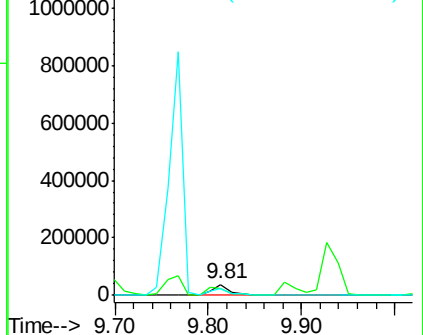
#53
 2,4-Dinitrophenol
 Concen: 24.35 ng
 RT: 9.81 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:184 Resp: 55339
 Ion Ratio Lower Upper
 184 100
 63 63.9 55.8 83.8
 154 62.8 62.4 93.6

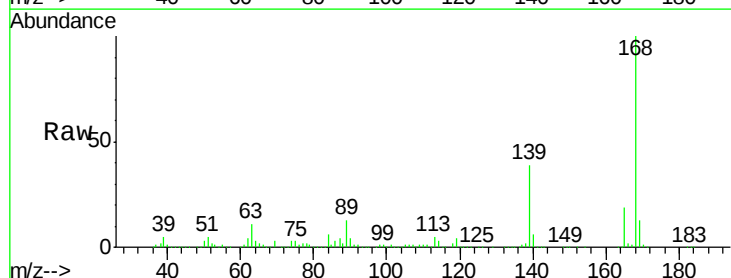


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

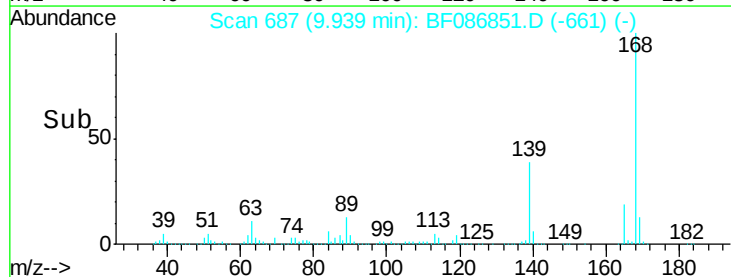
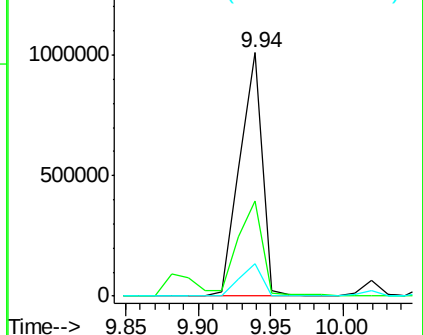


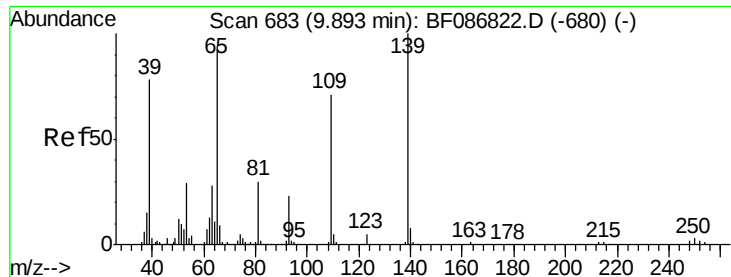
#54
 Dibenzofuran
 Concen: 40.83 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion:168 Resp: 1093873
 Ion Ratio Lower Upper
 168 100
 139 39.2 31.4 47.0
 169 13.2 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: 37.75 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

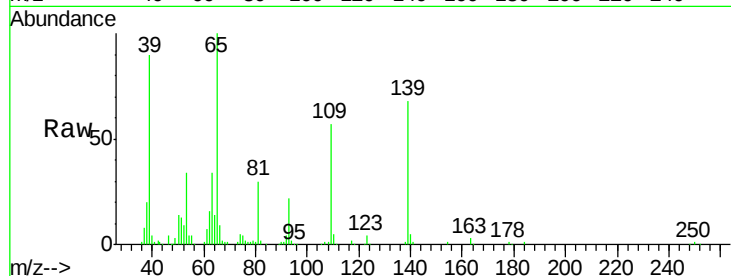
Tgt Ion:139 Resp: 145220

Ion Ratio Lower Upper

139 100

109 84.4 36.9 76.9#

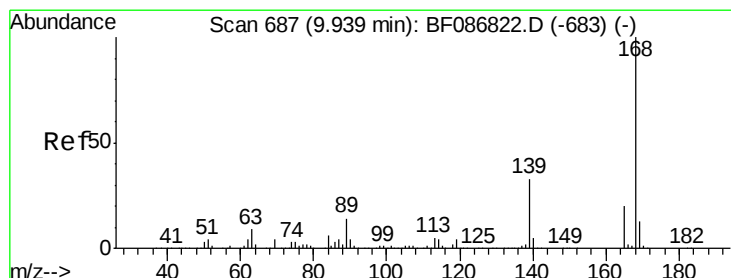
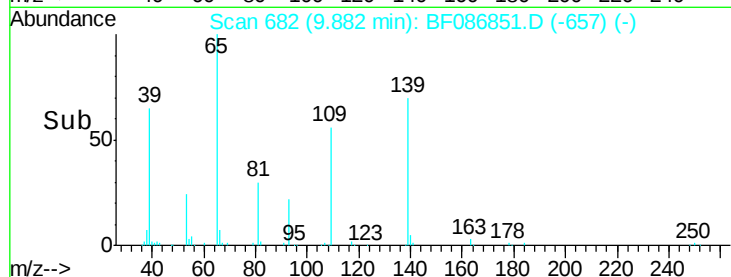
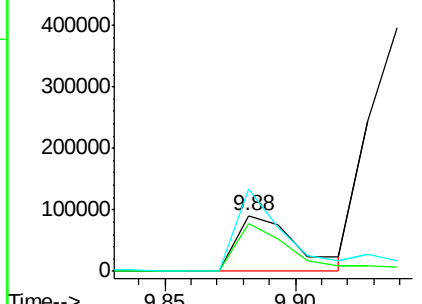
65 147.8 64.0 104.0#



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: 37.65 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:165 Resp: 273824

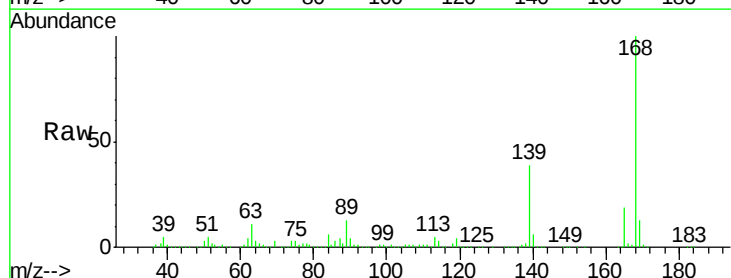
Ion Ratio Lower Upper

165 100

63 58.9 44.3 66.5

89 68.4 70.0 105.0#

182 2.5 1.8 2.6

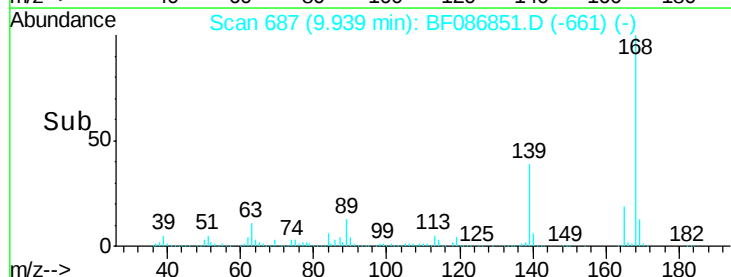
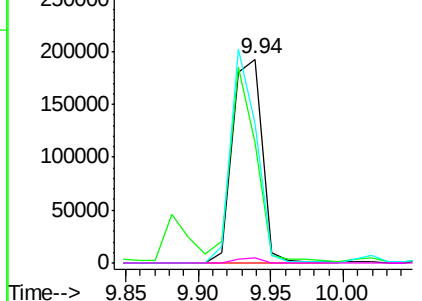


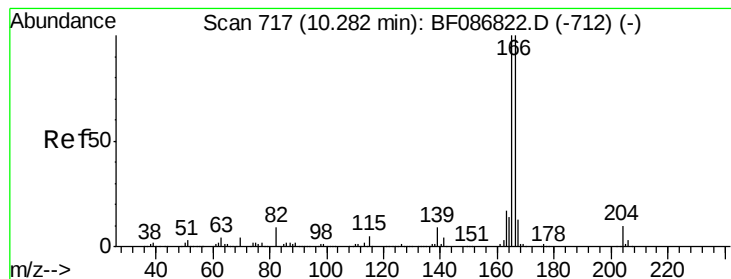
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.37 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

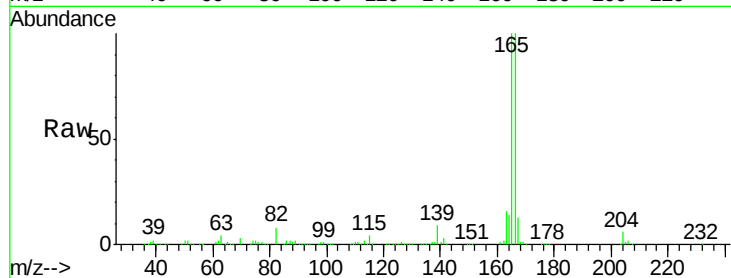
Tgt Ion:166 Resp: 899474

Ion Ratio Lower Upper

166 100

165 100.2 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

1000000

800000

600000

400000

200000

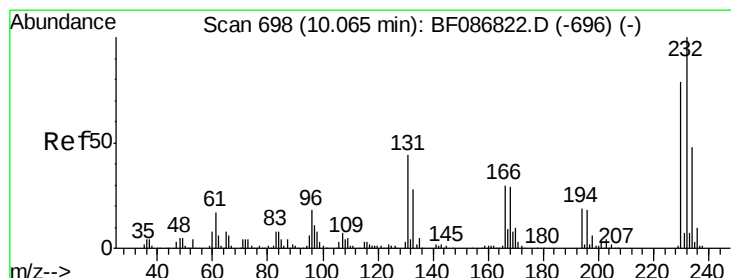
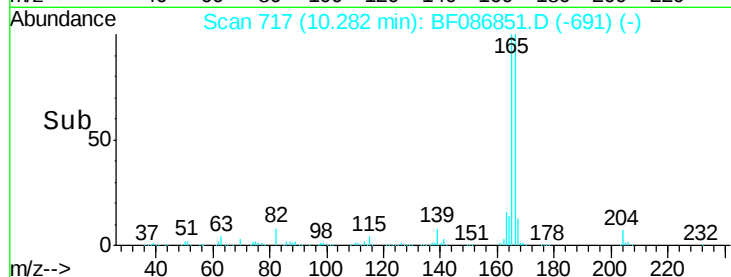
0

10.20

10.30

10.40

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.27 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion:232 Resp: 212047

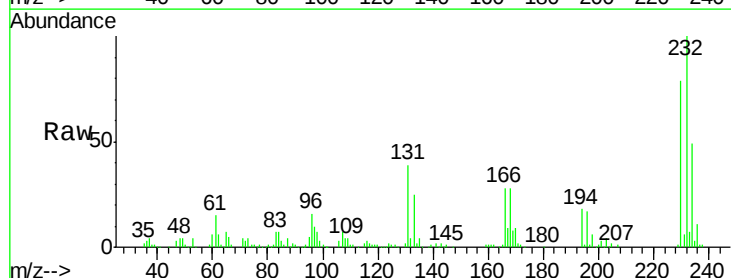
Ion Ratio Lower Upper

232 100

131 50.9 41.9 62.9

130 2.5 2.2 3.4

166 31.1 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

1200000

1000000

800000

600000

400000

200000

0

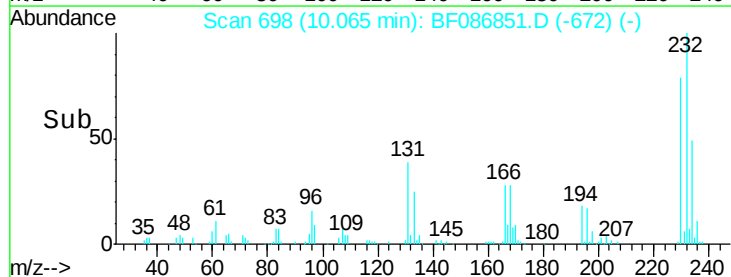
10.00

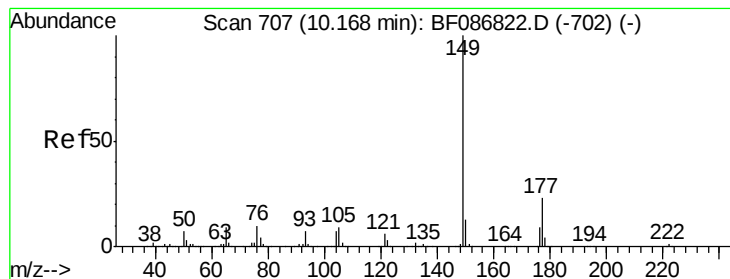
10.10

10.20

10.30

Time-->





#59

Diethylphthalate

Concen: 38.65 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

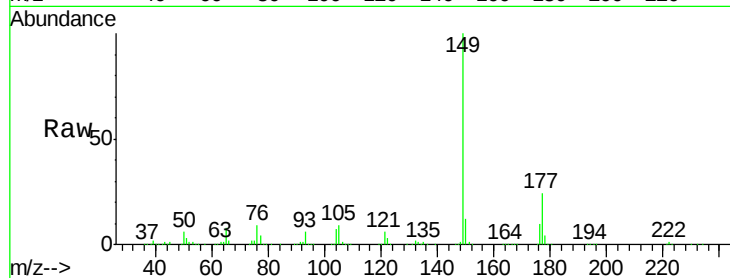
Tgt Ion:149 Resp: 1051886

Ion Ratio Lower Upper

149 100

177 24.3 16.6 24.8

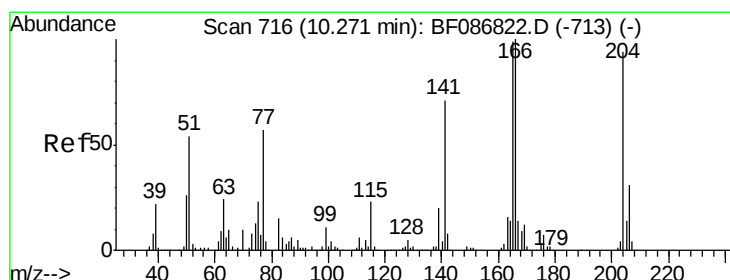
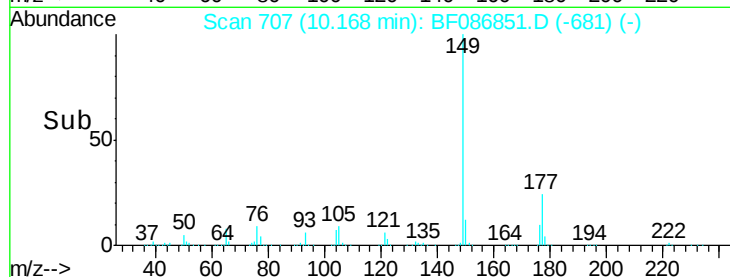
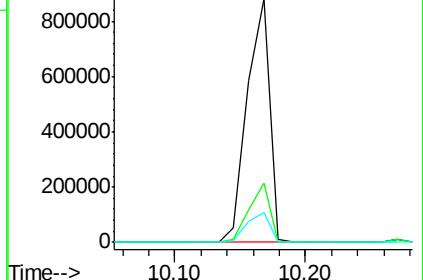
150 12.5 10.0 15.0



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: 37.81 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

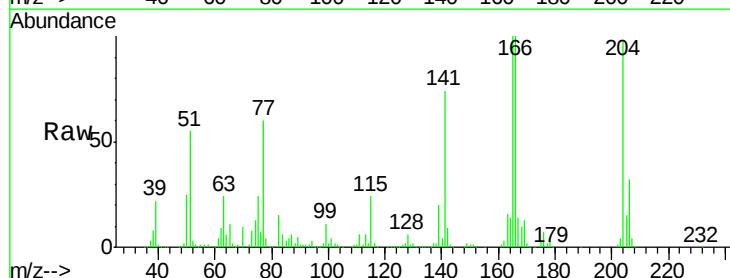
Tgt Ion:204 Resp: 391288

Ion Ratio Lower Upper

204 100

206 32.3 25.4 38.0

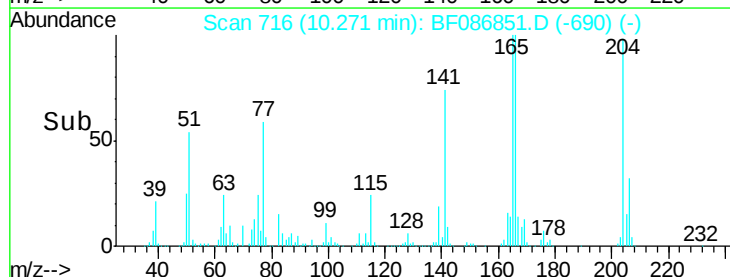
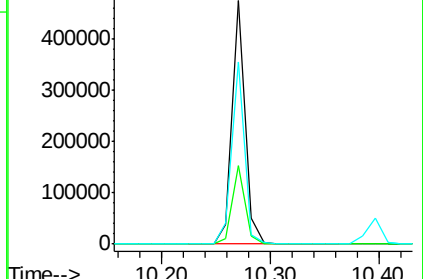
141 74.9 61.6 92.4

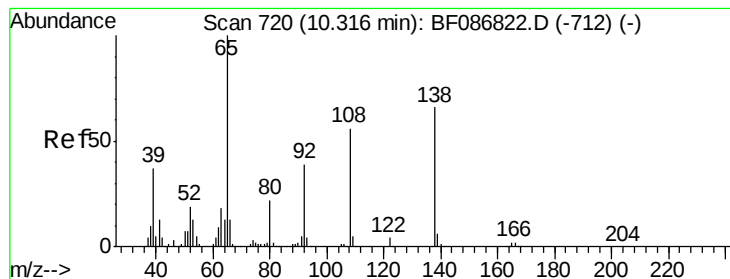


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.53 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

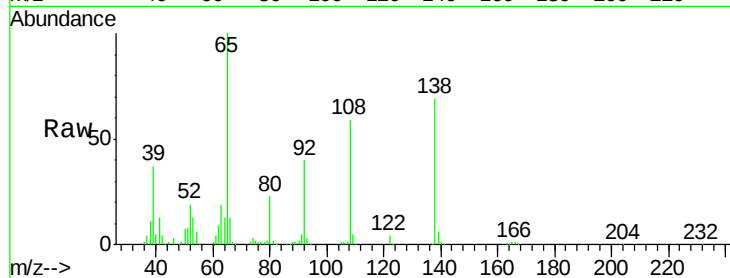
Tgt Ion:138 Resp: 228947

Ion Ratio Lower Upper

138 100

92 57.7 24.7 64.7

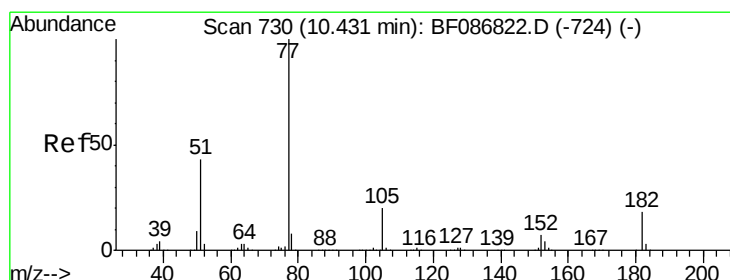
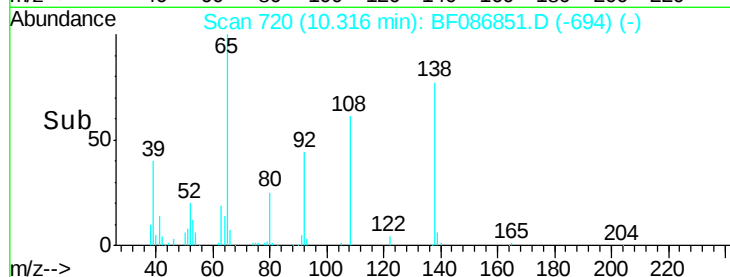
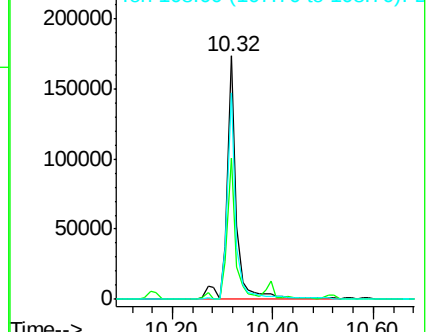
108 84.9 37.4 77.4#



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: 38.89 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Tgt Ion: 77 Resp: 1141961

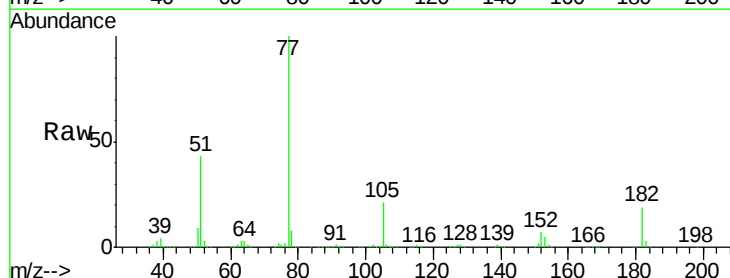
Ion Ratio Lower Upper

77 100

182 19.2 0.0 38.8

105 20.9 3.2 43.2

51 42.7 8.8 48.8

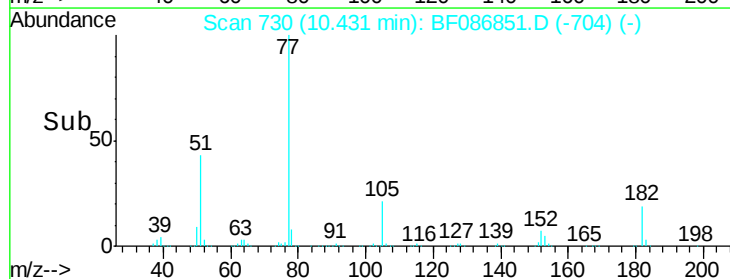
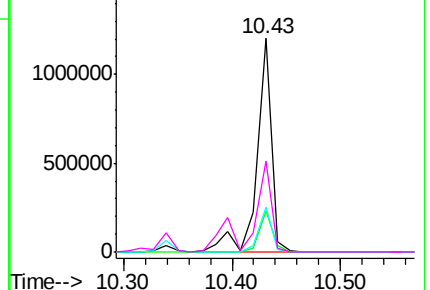


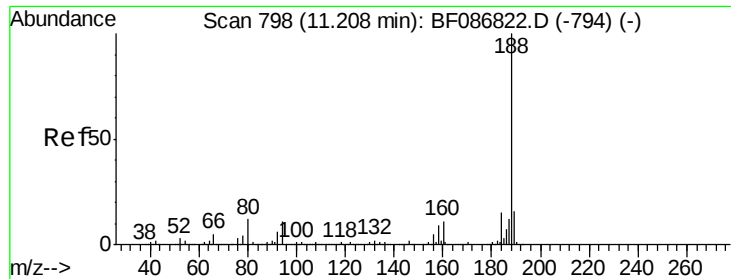
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

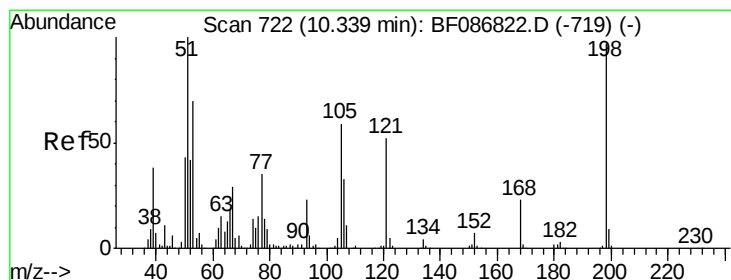
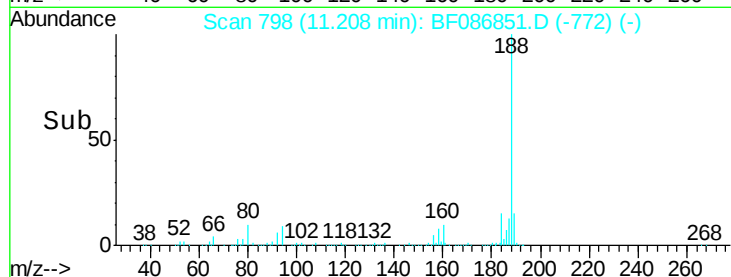
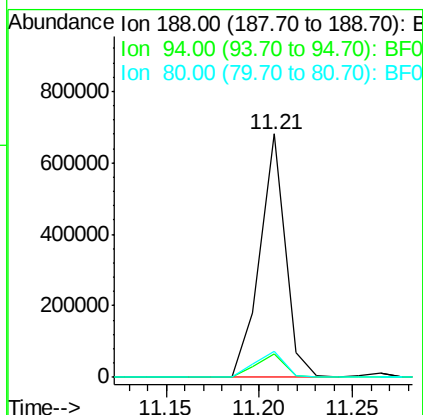
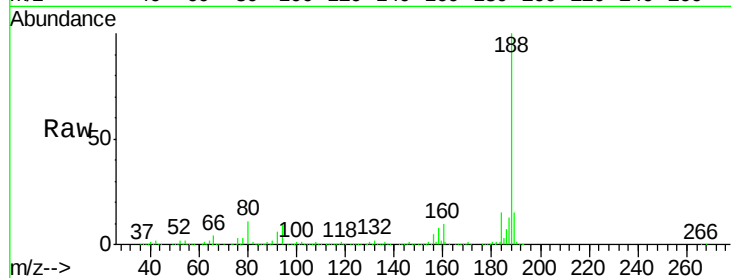




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

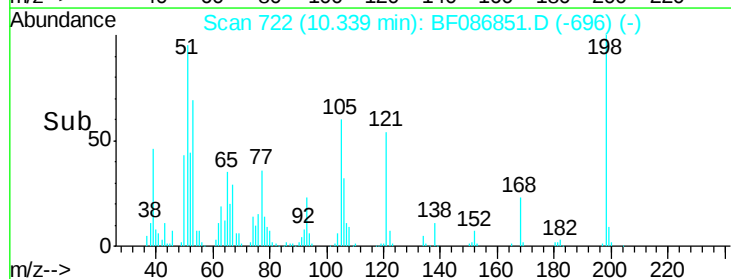
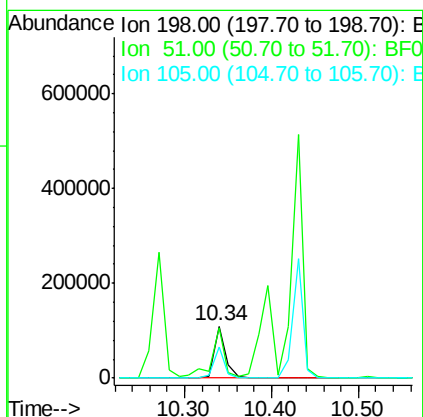
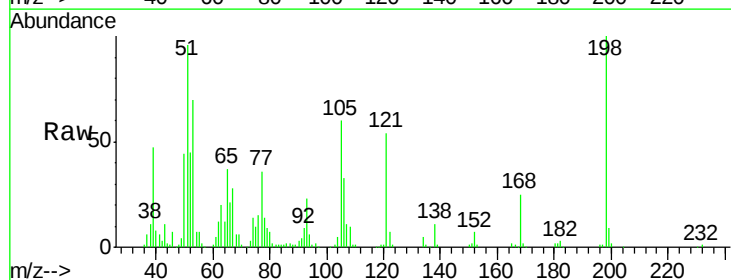
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

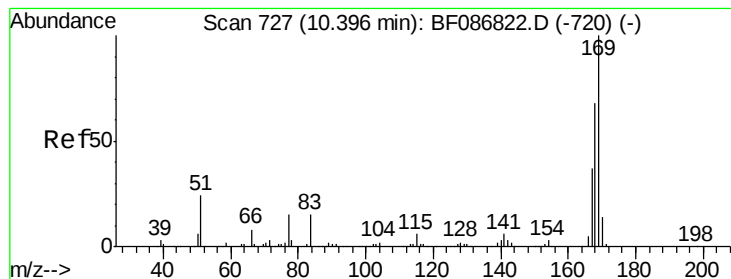
Tgt Ion:188 Resp: 643556
Ion Ratio Lower Upper
188 100
94 9.7 6.8 10.2
80 10.6 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 26.40 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion:198 Resp: 105562
Ion Ratio Lower Upper
198 100
51 95.9 20.5 60.5#
105 59.9 24.5 64.5





#65

n-Nitrosodiphenylamine

Concen: 41.22 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

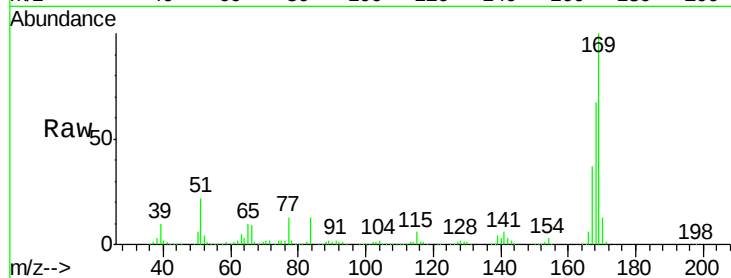
Tgt Ion:169 Resp: 814963

Ion Ratio Lower Upper

169 100

168 67.0 53.8 80.6

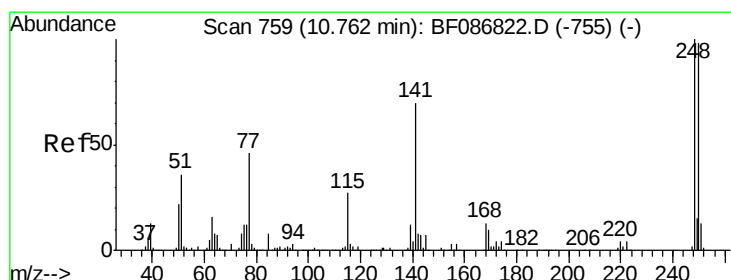
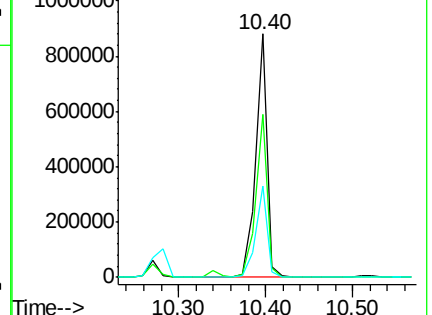
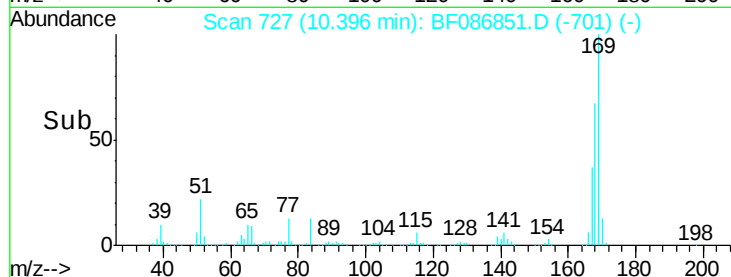
167 37.3 29.5 44.3



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: 42.40 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

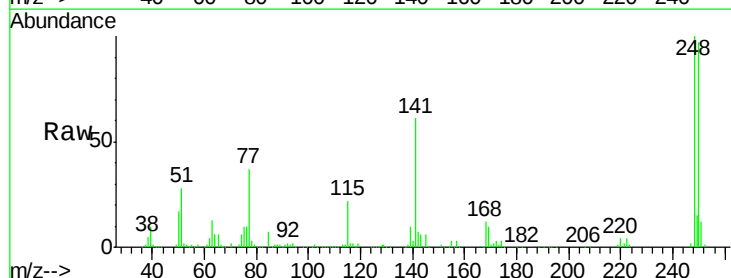
Tgt Ion:248 Resp: 276677

Ion Ratio Lower Upper

248 100

250 97.4 78.6 117.8

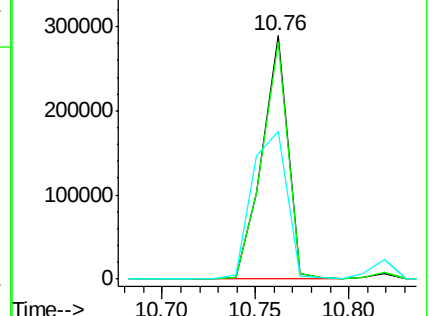
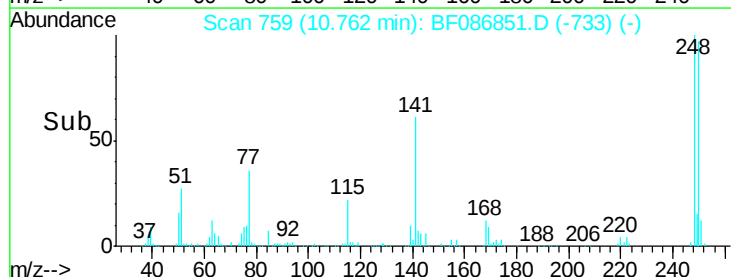
141 60.8 76.0 114.0#

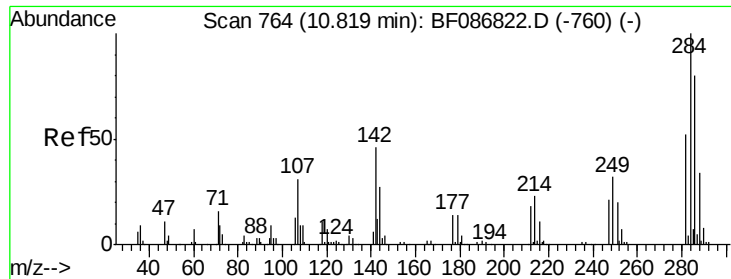


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

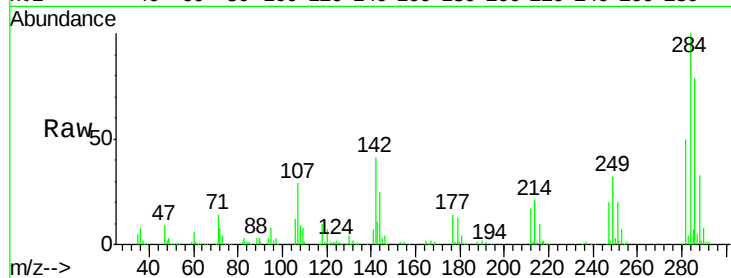




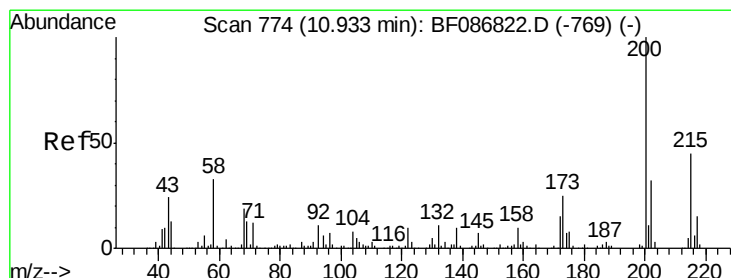
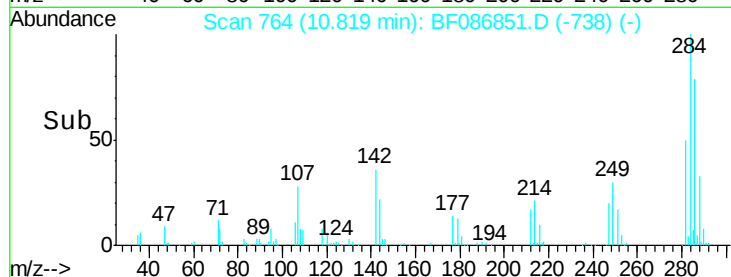
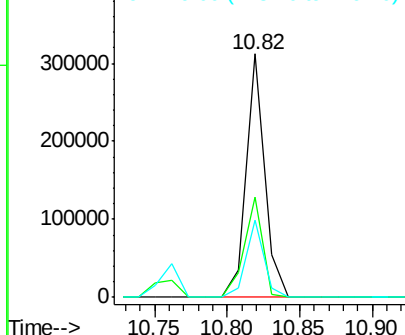
#67
Hexachlorobenzene
Concen: 36.36 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 284 Resp: 277254
Ion Ratio Lower Upper
284 100
142 41.3 16.7 25.1#
249 31.6 21.3 31.9

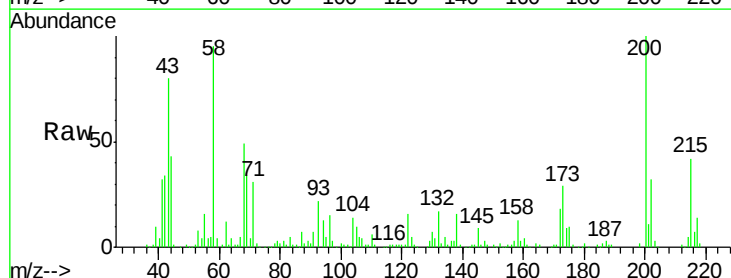


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

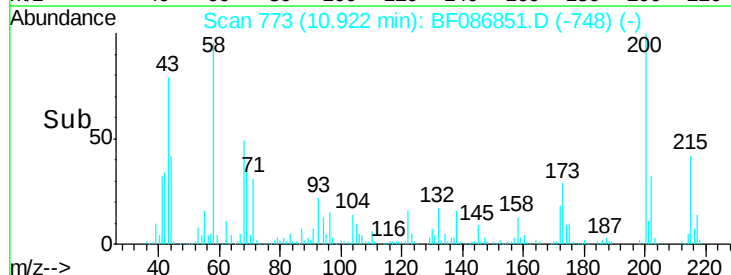
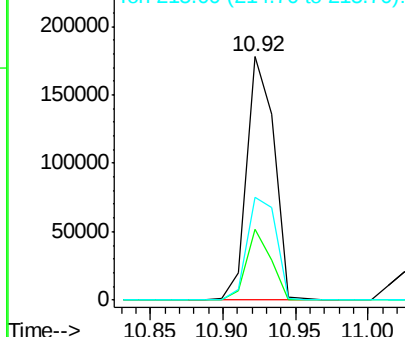


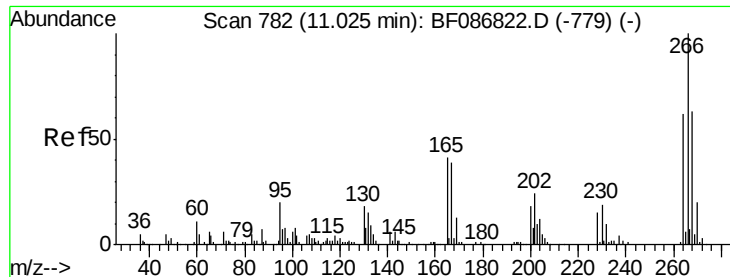
#68
Atrazine
Concen: 35.13 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion: 200 Resp: 232039
Ion Ratio Lower Upper
200 100
173 29.2 8.5 48.5
215 42.4 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

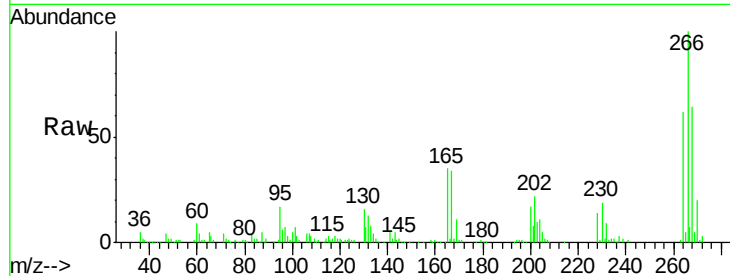




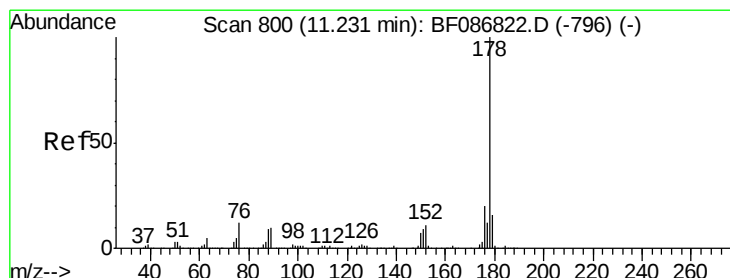
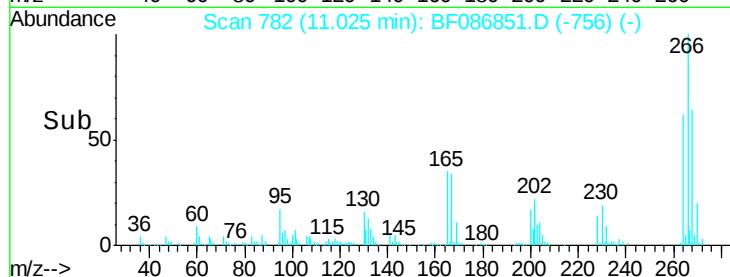
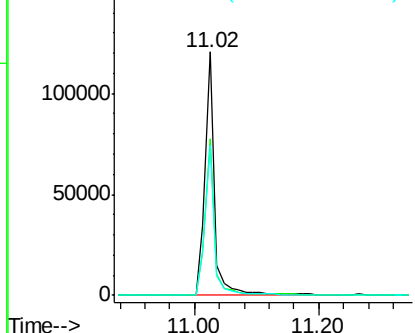
#69
 Pentachlorophenol
 Concen: 37.66 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 266 Resp: 132716
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.5 77.3
 264 61.8 52.9 79.3

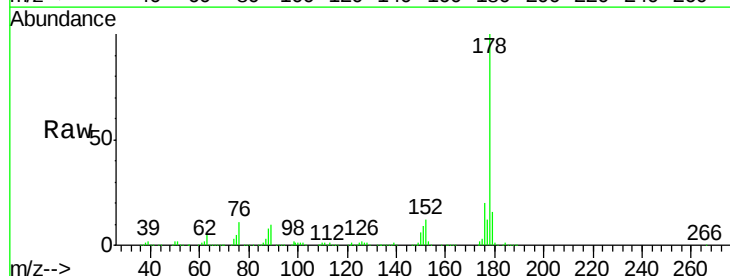


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

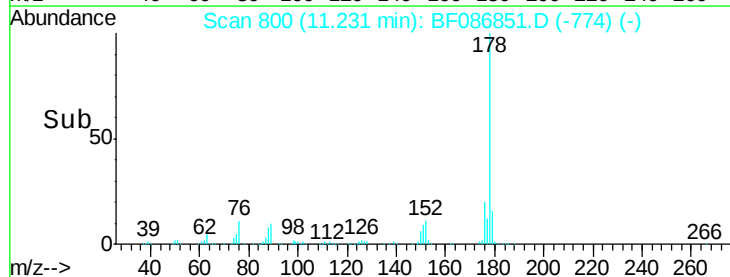
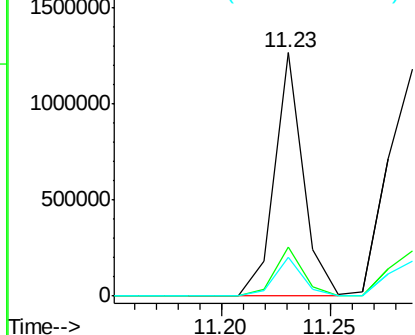


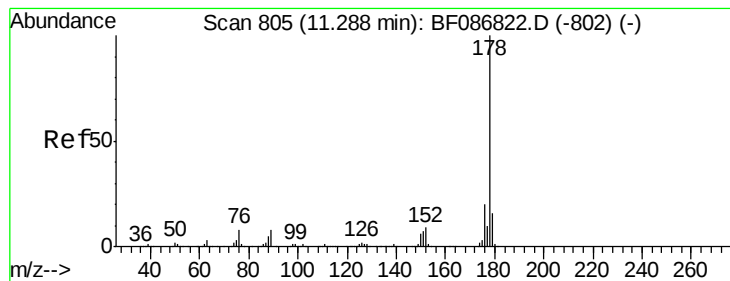
#70
 Phenanthrene
 Concen: 33.98 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion: 178 Resp: 1167041
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 15.8 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: 38.61 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

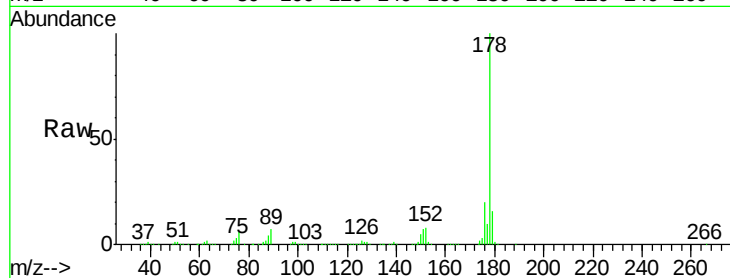
Tgt Ion:178 Resp: 1356215

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

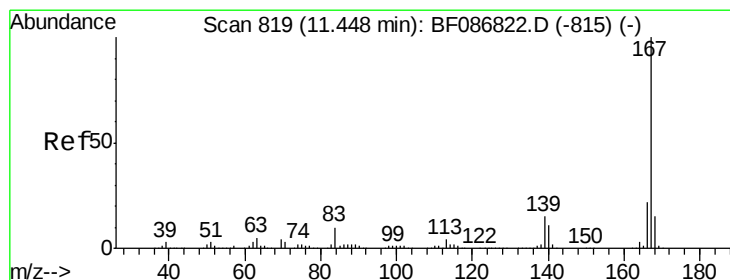
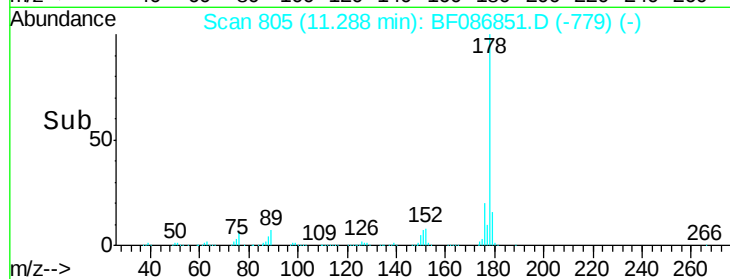
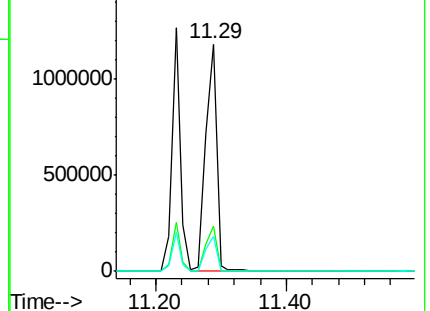
179 15.6 12.7 19.1



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: 39.12 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

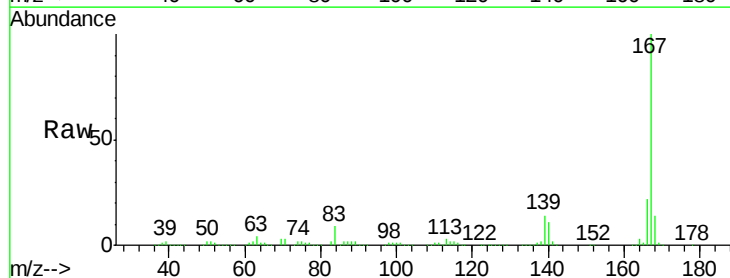
Tgt Ion:167 Resp: 1181324

Ion Ratio Lower Upper

167 100

166 22.4 17.7 26.5

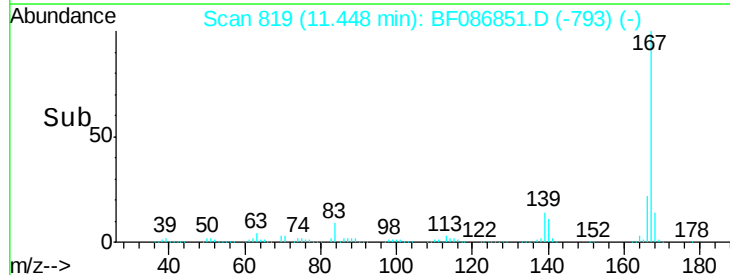
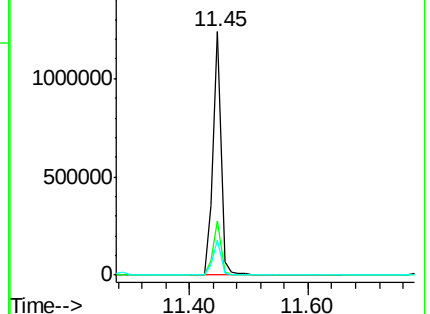
139 14.1 10.8 16.2

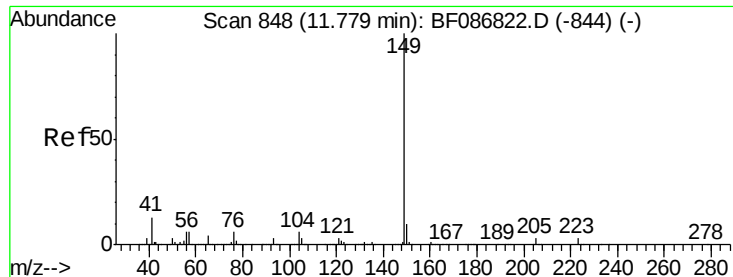


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.94 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

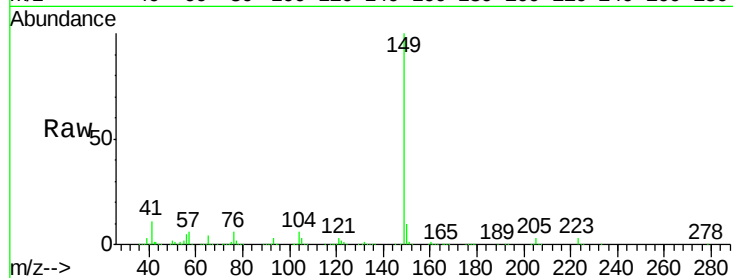
Tgt Ion:149 Resp: 1509429

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

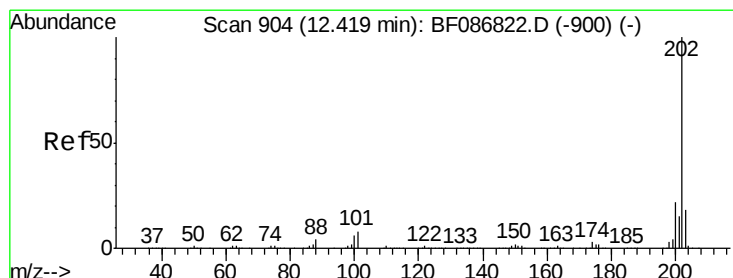
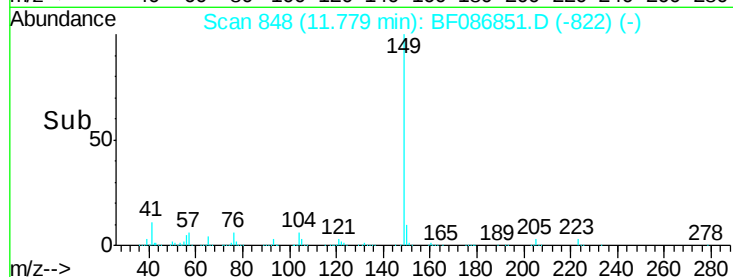
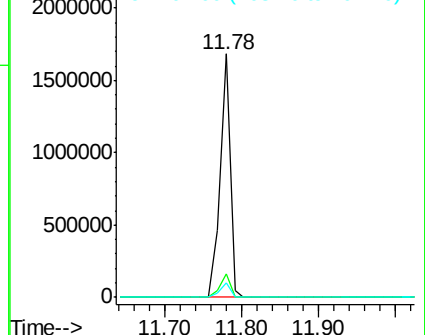
104 5.7 3.8 5.6#



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: 30.61 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

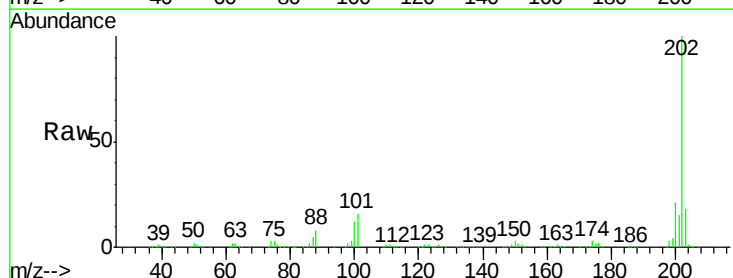
Tgt Ion:202 Resp: 1081271

Ion Ratio Lower Upper

202 100

101 15.7 0.0 35.4

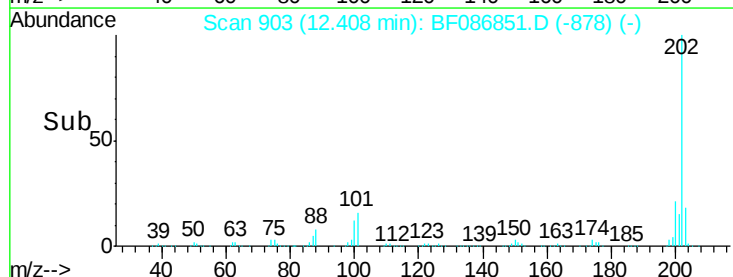
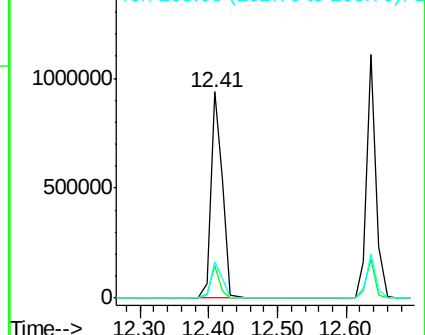
203 17.8 0.0 38.1

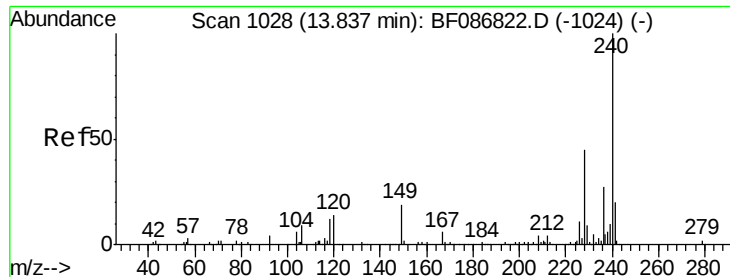


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

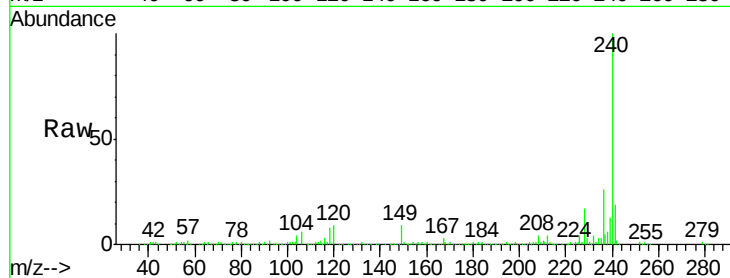
Tgt Ion:240 Resp: 384518

Ion Ratio Lower Upper

240 100

120 9.1 11.2 16.8#

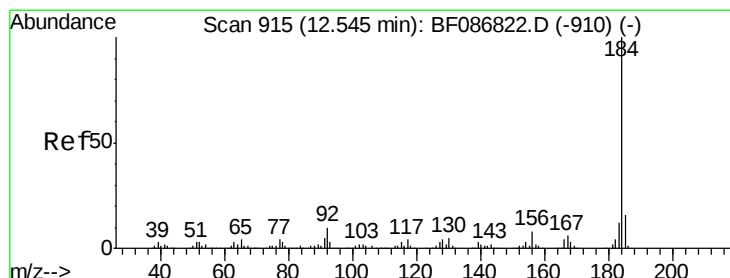
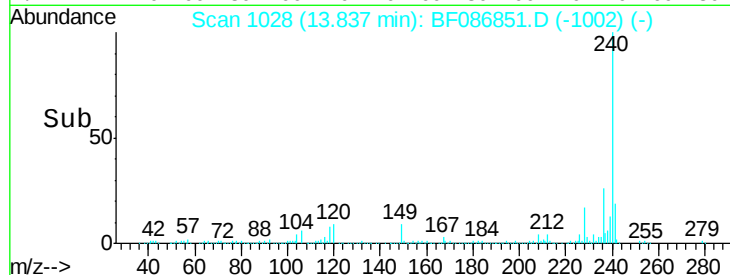
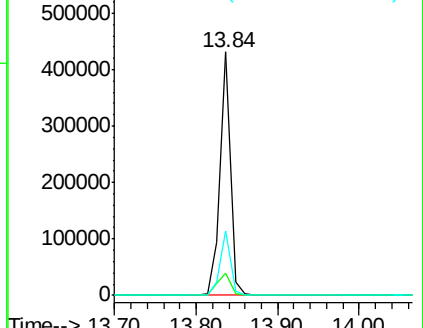
236 26.2 21.2 31.8



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: 43.65 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

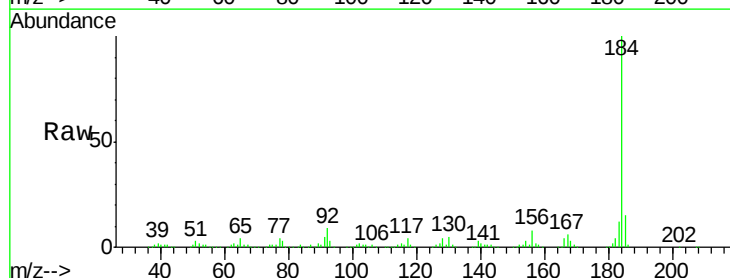
Tgt Ion:184 Resp: 427913

Ion Ratio Lower Upper

184 100

185 15.4 13.6 20.4

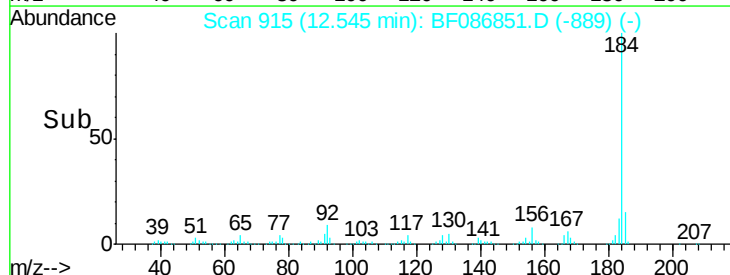
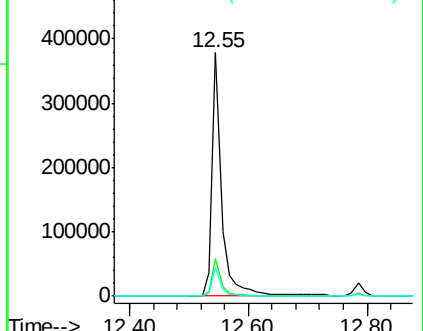
183 11.6 9.8 14.6

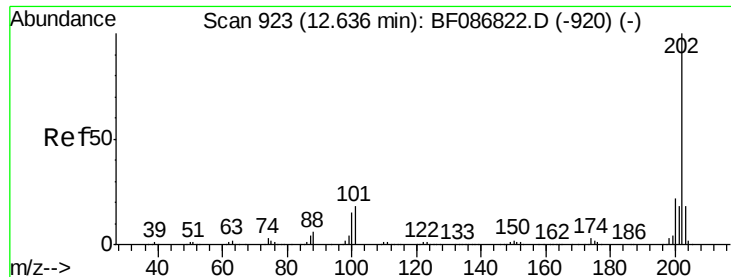


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



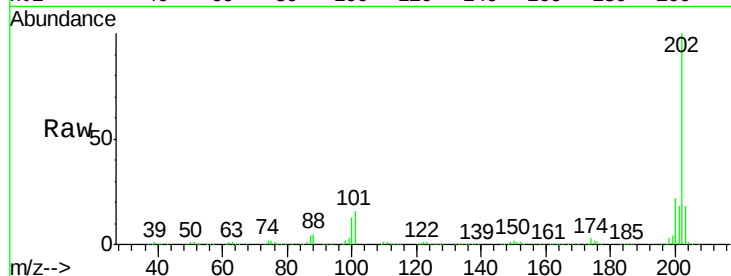


#77
 Pyrene
 Concen: 35.55 ng
 RT: 12.64 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

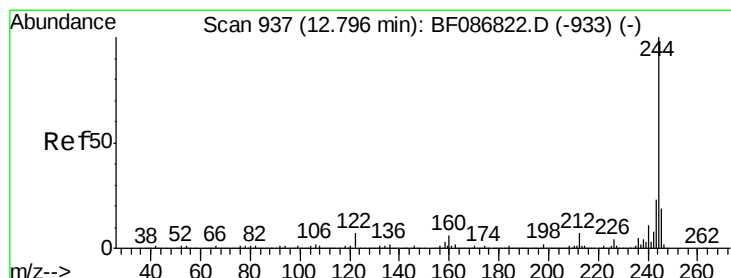
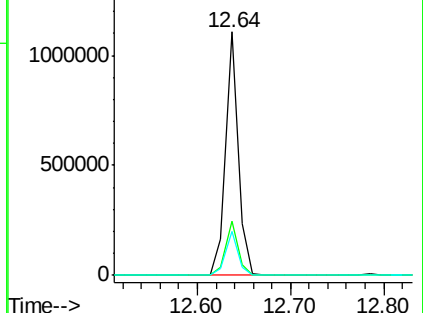
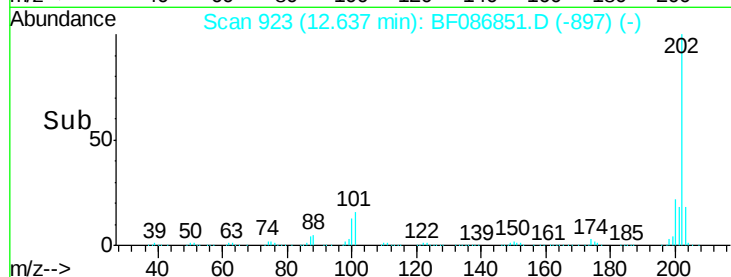
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 202 Resp: 1046502

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.0	14.2	21.4



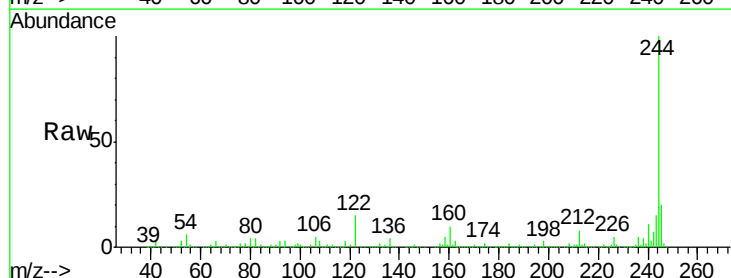
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



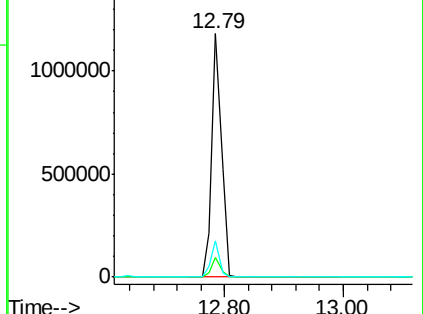
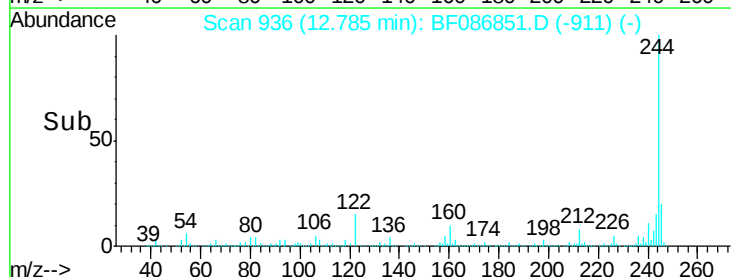
#78
 Terphenyl-d14
 Concen: 73.76 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

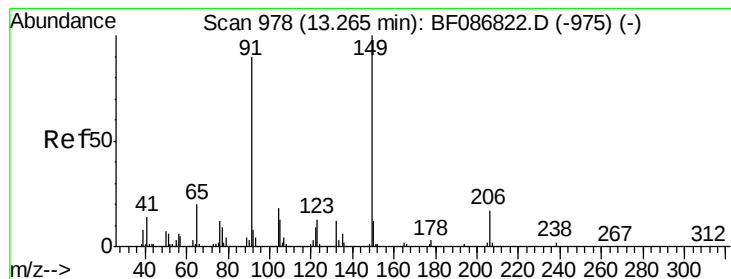
Tgt Ion: 244 Resp: 1336826

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	14.9	12.0	18.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 42.43 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

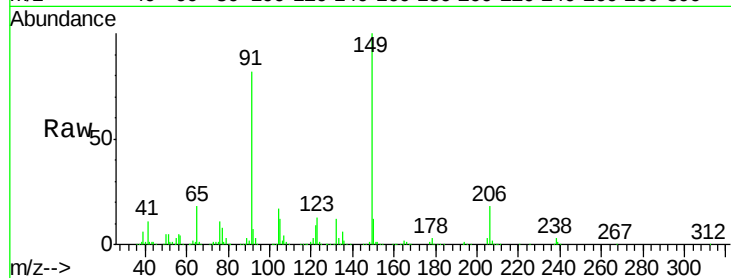
Tgt Ion:149 Resp: 528306

Ion Ratio Lower Upper

149 100

91 81.8 48.0 72.0#

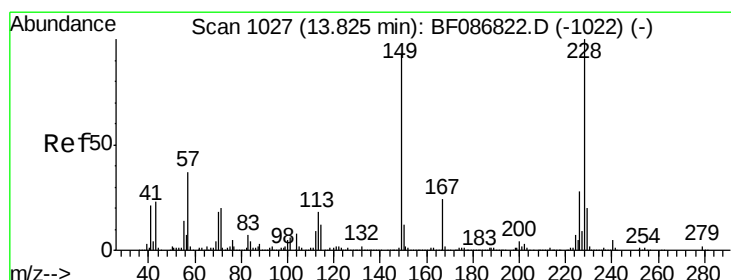
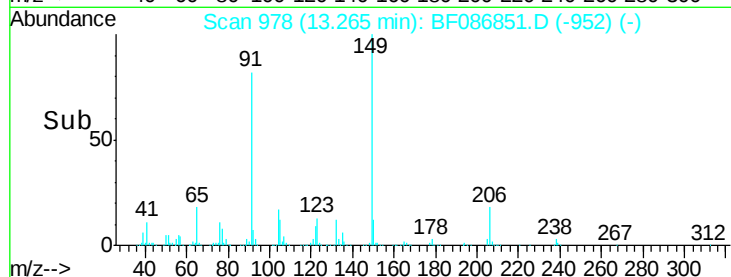
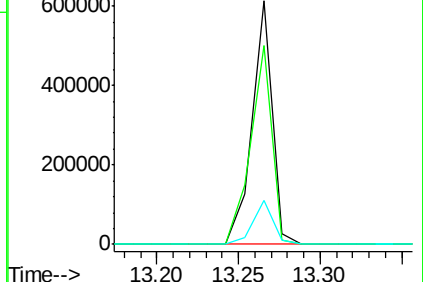
206 17.9 15.8 23.6



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: 35.92 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

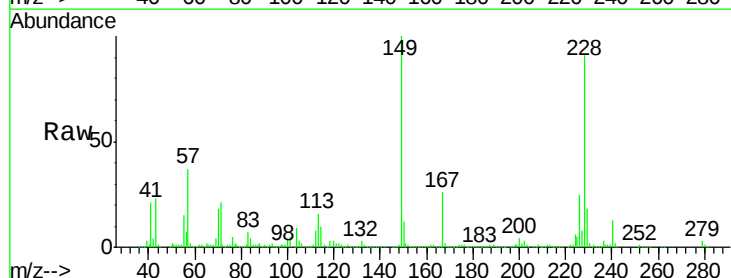
Tgt Ion:228 Resp: 775292

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

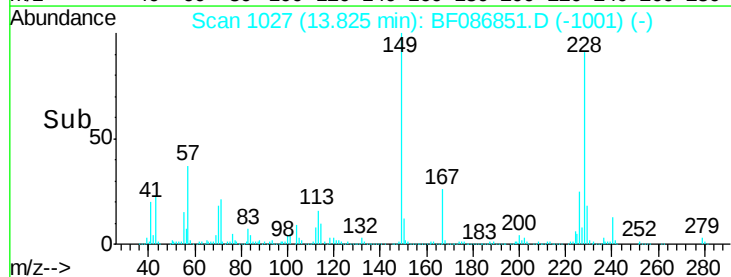
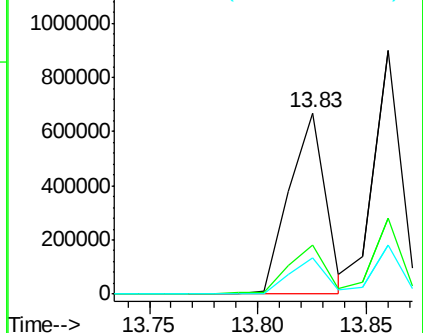
229 19.8 16.6 25.0

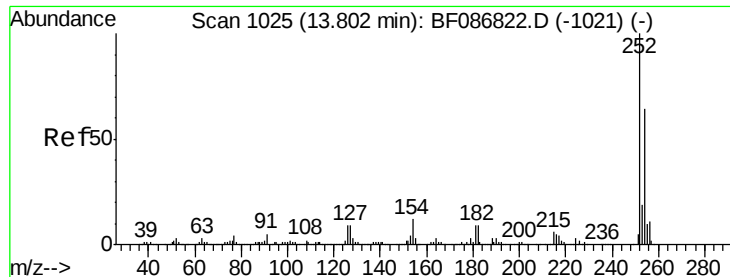


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

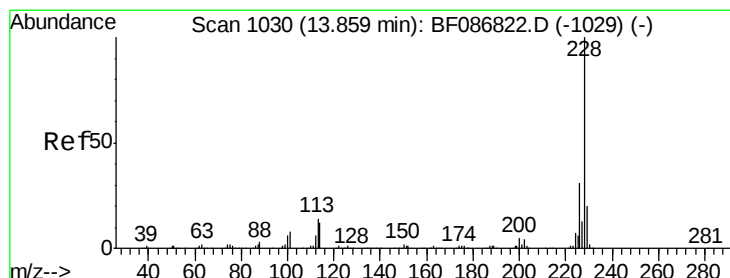
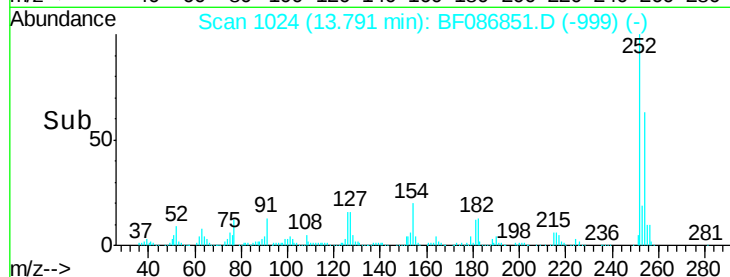
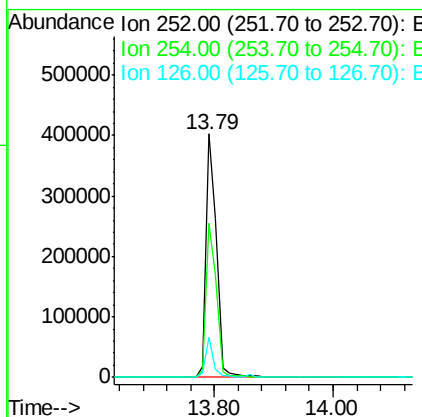
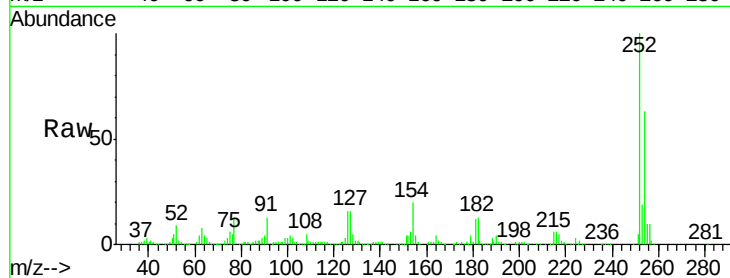




#81
 3,3'-Dichlorobenzidine
 Concen: 36.42 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

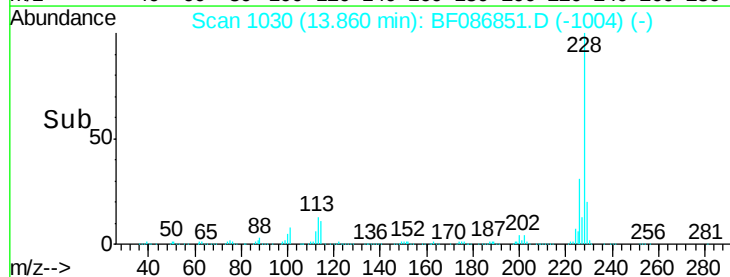
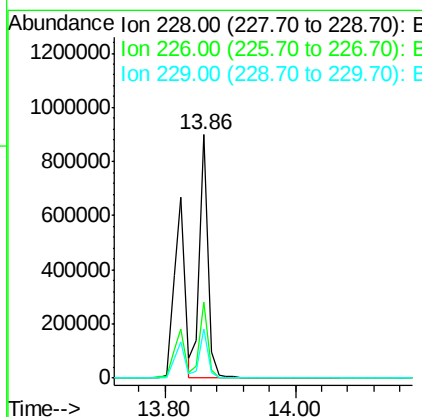
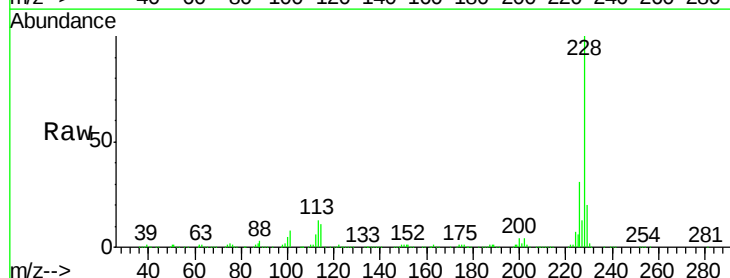
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

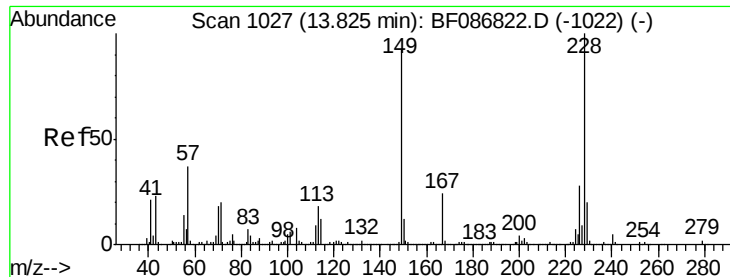
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.7	76.1
126	16.3	12.7	19.1



#82
 Chrysene
 Concen: 36.44 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.4	36.6
229	20.0	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.56 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

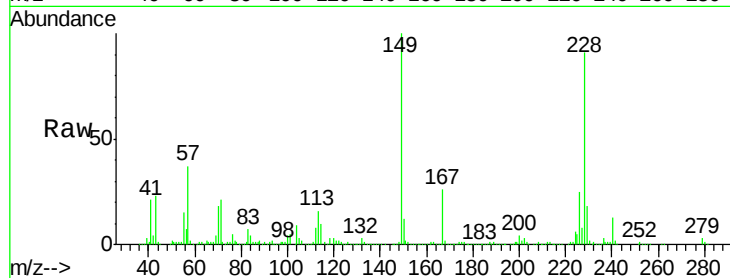
Tgt Ion:149 Resp: 652418

Ion Ratio Lower Upper

149 100

167 25.7 21.8 32.6

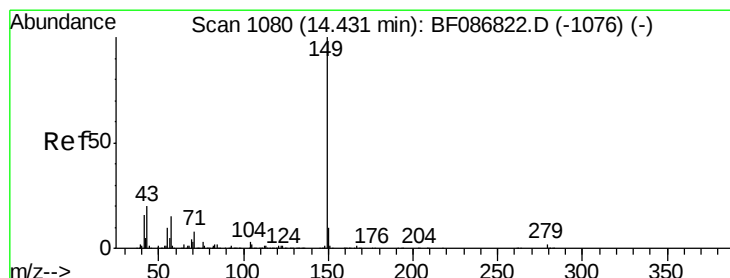
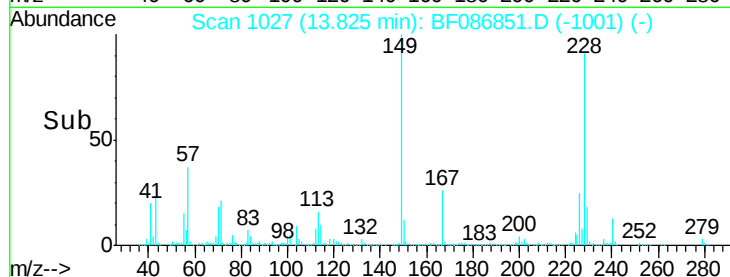
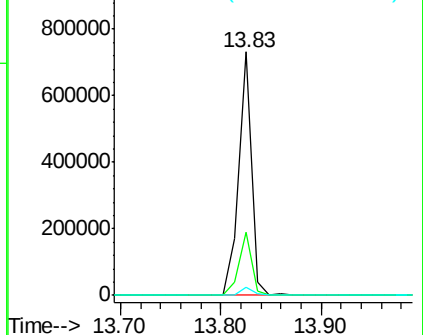
279 3.2 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.63 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

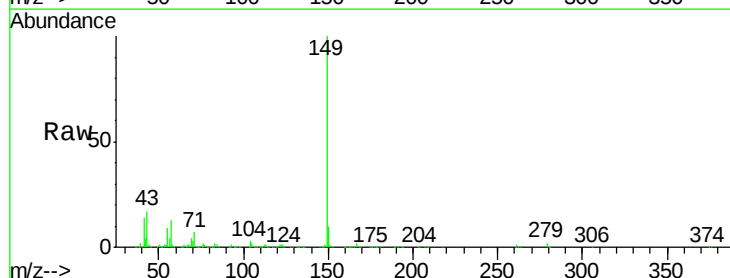
Tgt Ion:149 Resp: 1057661

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

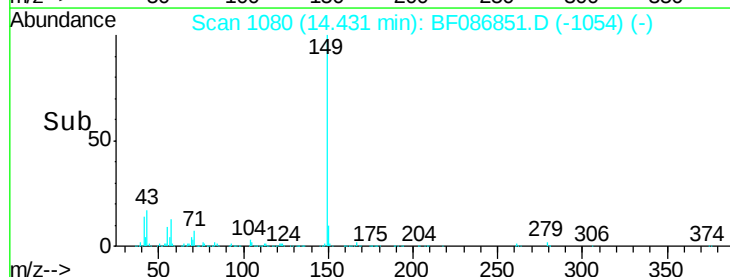
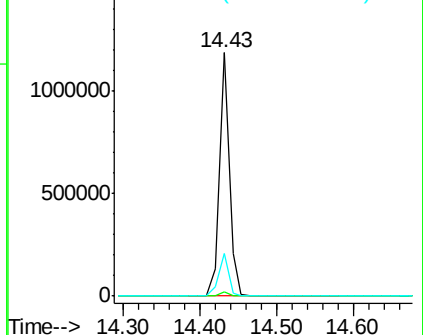
43 17.3 8.2 12.4#

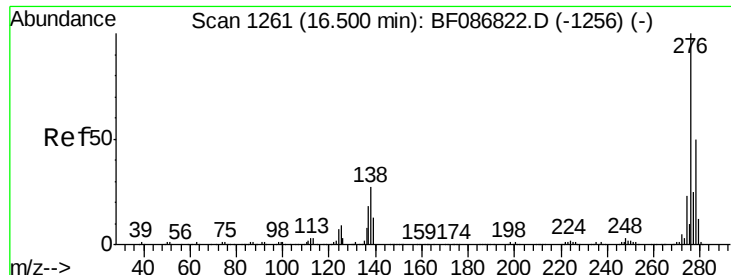


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

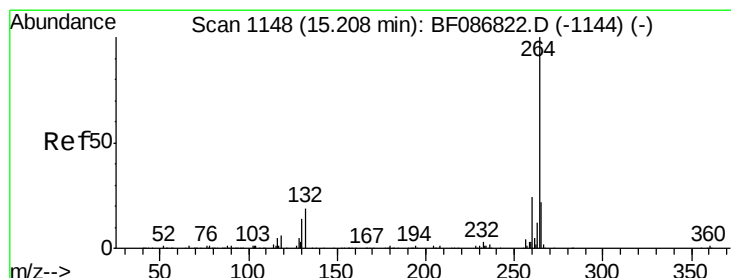
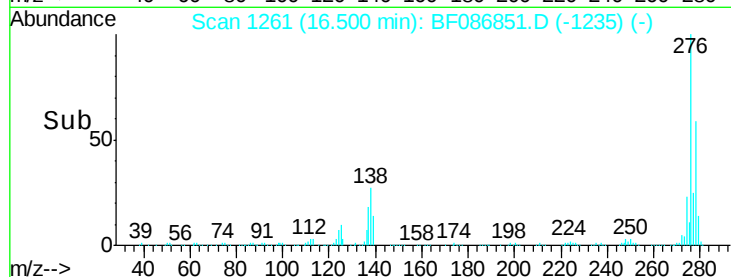
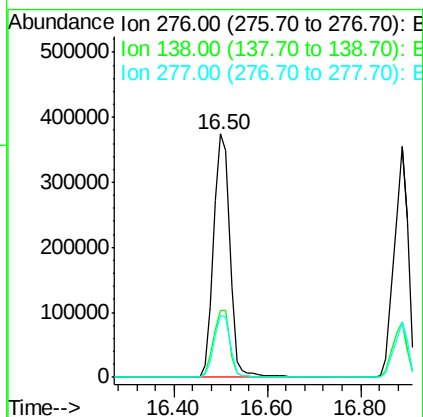
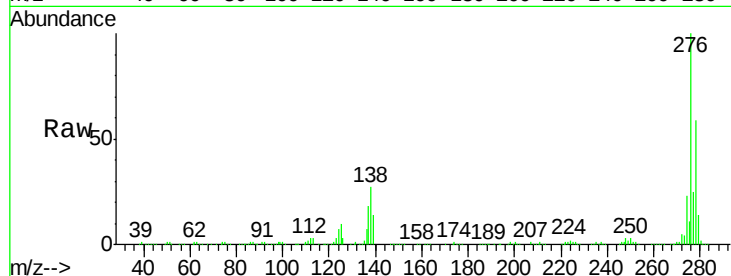




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.25 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

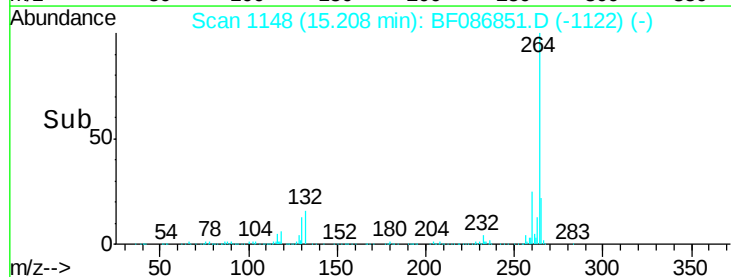
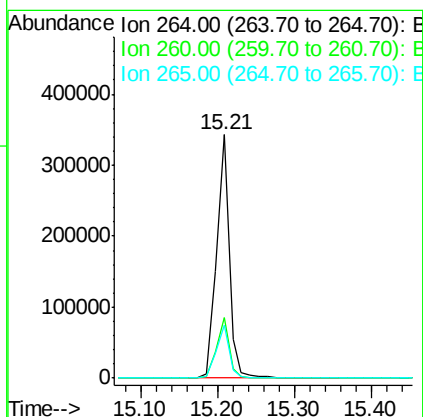
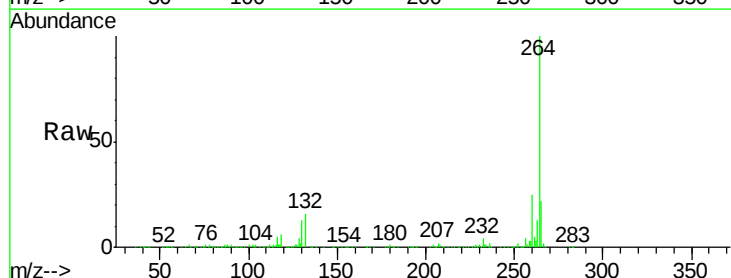
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

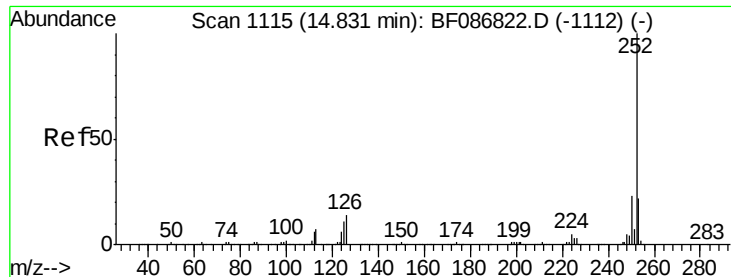
Tgt Ion: 276 Resp: 918029
 Ion Ratio Lower Upper
 276 100
 138 27.8 25.6 38.4
 277 25.2 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF086851.D
 Acq: 10 May 2016 5:42

Tgt Ion: 264 Resp: 395307
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.7 17.3 25.9

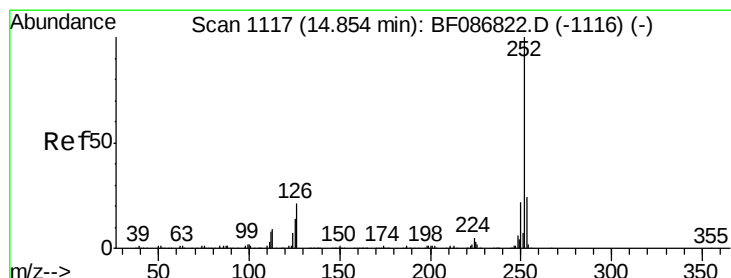
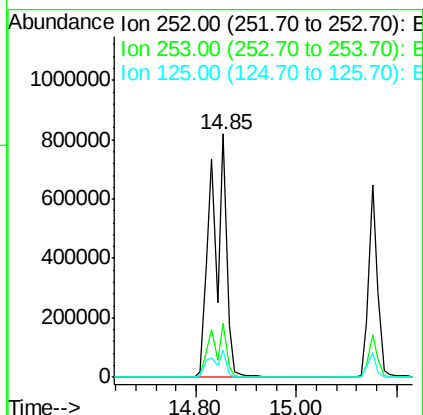
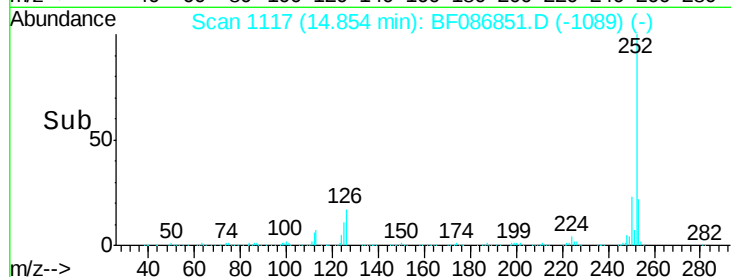
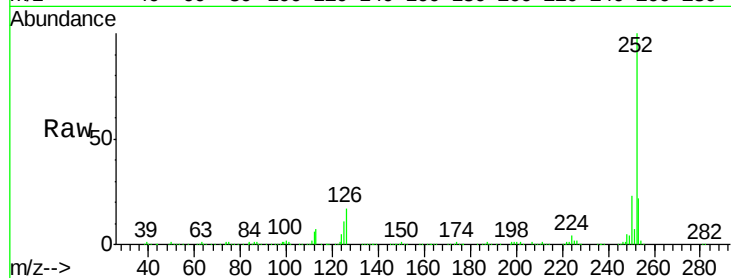




#87
Benzo(b)fluoranthene
Concen: 65.33 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

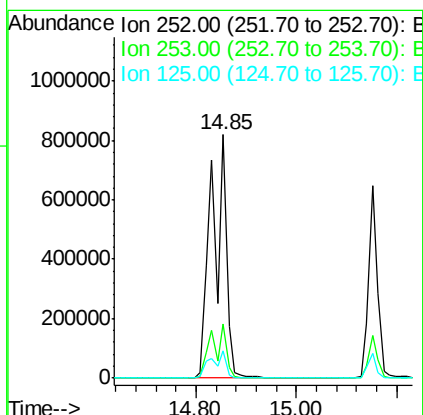
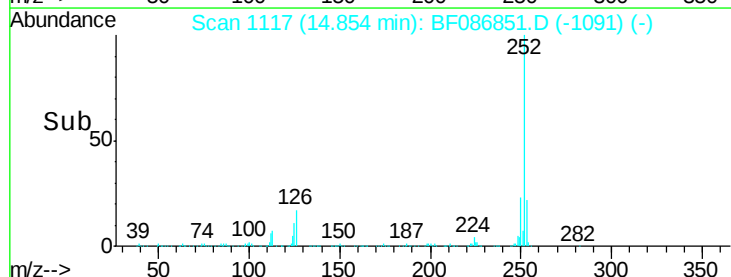
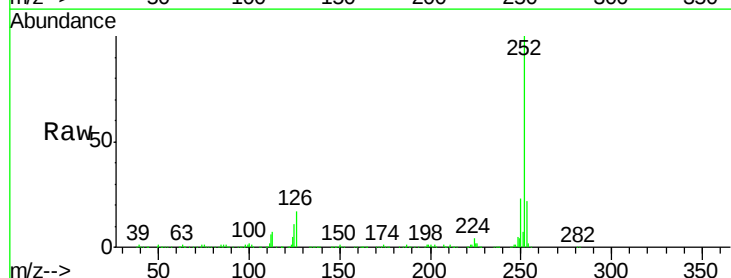
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

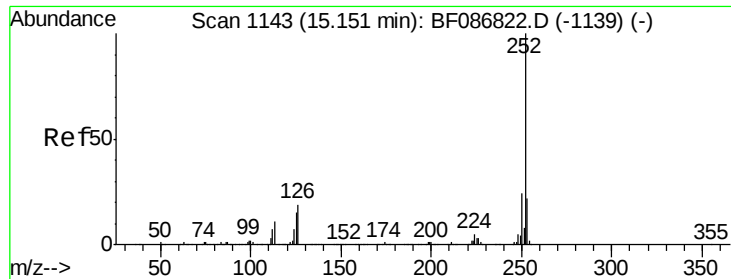
Tgt Ion:252 Resp: 1678512
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.0 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 79.79 ng
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF086851.D
Acq: 10 May 2016 5:42

Tgt Ion:252 Resp: 1678512
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 11.0 9.1 13.7





#89

Benzo(a)pyrene

Concen: 36.45 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

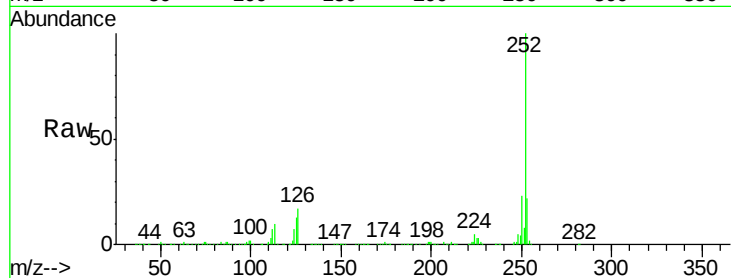
Tgt Ion:252 Resp: 807692

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

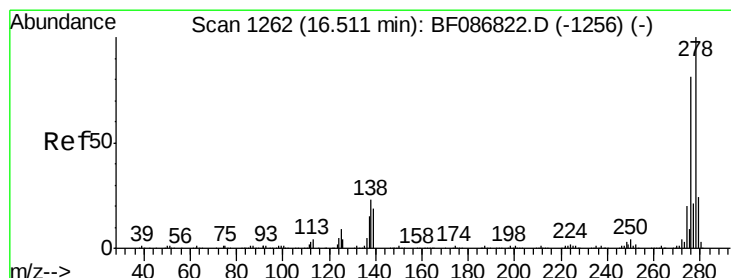
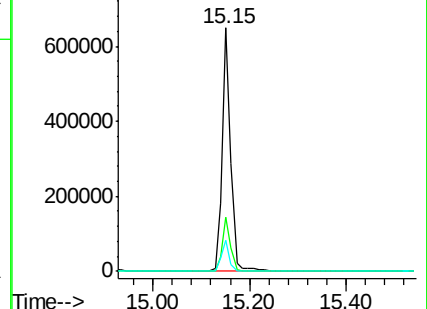
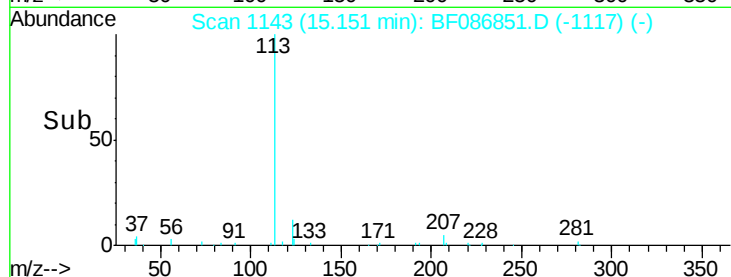
125 13.0 9.0 13.6



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: 41.18 ng

RT: 16.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF086851.D

Acq: 10 May 2016 5:42

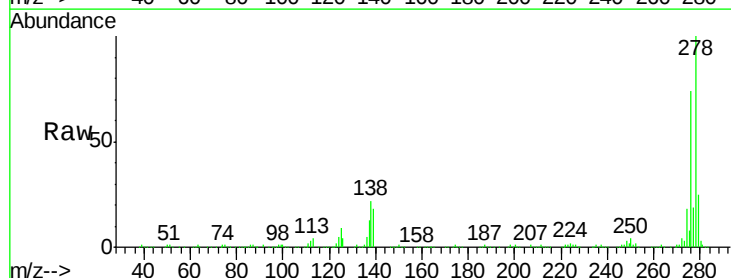
Tgt Ion:278 Resp: 769154

Ion Ratio Lower Upper

278 100

139 18.2 16.6 24.8

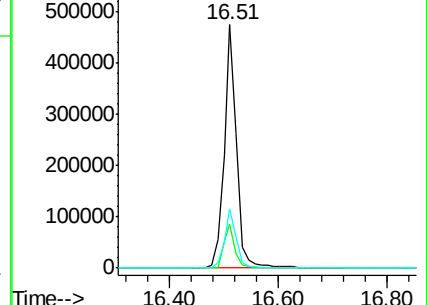
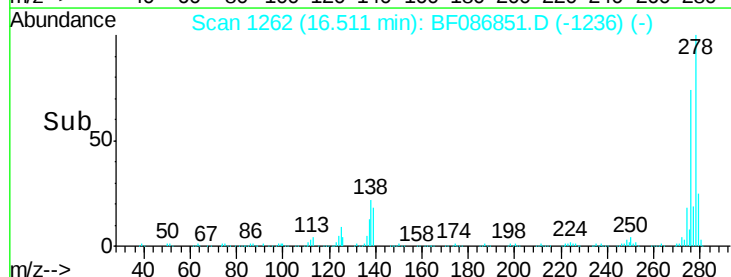
279 24.6 19.6 29.4

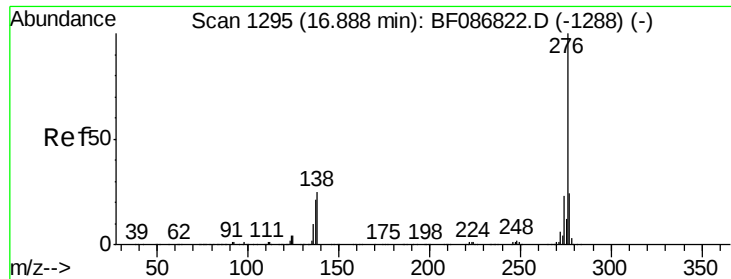


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.52 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086851.D

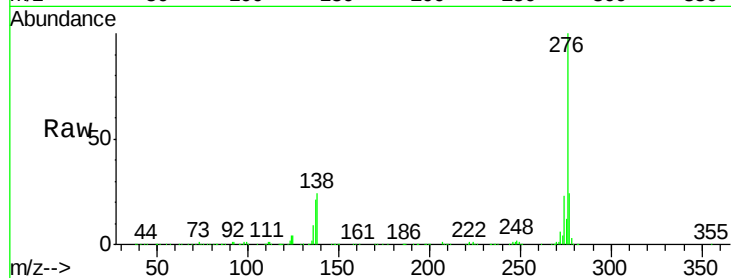
Acq: 10 May 2016 5:42

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



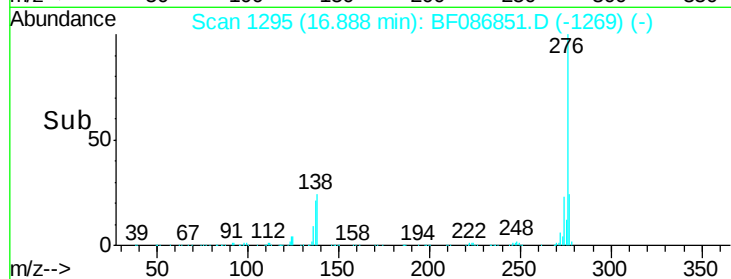
Tgt Ion: 276 Resp: 750016

Ion Ratio Lower Upper

276 100

277 24.1 19.6 29.4

138 24.3 23.6 35.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

