

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081970.D
 Acq On : 2 Oct 2015 6:46
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Oct 02 08:34:03 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	138763	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	537627	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	266681	20.00	ng	-0.03
63) Phenanthrene-d10	11.42	188	505296	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	429278	20.00	ng	-0.06
86) Perylene-d12	15.51	264	364524	20.00	ng	-0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	548663	71.78	ng	-0.03
7) Phenol-d6	6.53	99	672025	69.87	ng	-0.03
23) Nitrobenzene-d5	7.47	82	634722	78.70	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	206264	76.37	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1150521	69.71	ng	-0.05
78) Terphenyl-d14	13.01	244	1166030	88.83	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	130406	39.23	ng	85
3) Pyridine	3.25	79	337704	39.02	ng	# 84
4) n-Nitrosodimethylamine	3.21	42	133837	34.05	ng	91
6) Aniline	6.56	93	455469	35.25	ng	# 87
8) 2-Chlorophenol	6.69	128	304500	36.07	ng	93
9) Benzaldehyde	6.45	77	177319	28.15	ng	# 82
10) Phenol	6.54	94	376078	34.86	ng	# 67
11) bis(2-Chloroethyl)ether	6.64	93	332072	39.69	ng	89
12) 1,3-Dichlorobenzene	7.07	146	313983	31.49	ng	96
13) 1,4-Dichlorobenzene	7.07	146	324224	31.14	ng	96
14) 1,2-Dichlorobenzene	7.07	146	336621	36.28	ng	99
15) Benzyl Alcohol	7.04	79	221190	31.86	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	421835	35.66	ng	80
17) 2-Methylphenol	7.15	107	258975	37.84	ng	# 87
18) Hexachloroethane	7.41	117	123324	37.84	ng	89
19) n-Nitroso-di-n-propylamine	7.31	70	201722	34.51	ng	# 78
20) 3+4-Methylphenols	7.30	107	291610	33.73	ng	# 74
22) Acetophenone	7.31	105	424378	38.61	ng	# 82
24) Nitrobenzene	7.49	77	328743	37.54	ng	# 68
25) Isophorone	7.73	82	607132	37.98	ng	# 92
26) 2-Nitrophenol	7.81	139	174136	41.42	ng	# 84
27) 2,4-Dimethylphenol	7.84	122	287920	38.93	ng	# 83
28) bis(2-Chloroethoxy)methane	7.94	93	346195	36.47	ng	97
29) 2,4-Dichlorophenol	8.05	162	279105	38.92	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	314469	39.28	ng	98
31) Naphthalene	8.21	128	917148	38.50	ng	97
32) Benzoic acid	7.97	122	168045	39.52	ng	# 77
33) 4-Chloroaniline	8.26	127	385653	37.44	ng	# 95
34) Hexachlorobutadiene	8.32	225	188113	39.73	ng	99
35) Caprolactam	8.64	113	83008	41.81	ng	92
36) 4-Chloro-3-methylphenol	8.73	107	260228	37.11	ng	# 80
37) 2-Methylnaphthalene	8.89	142	581429	35.76	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	322070	39.34	ng	# 98
40) Hexachlorocyclopentadiene	9.04	237	159717	37.88	ng	95

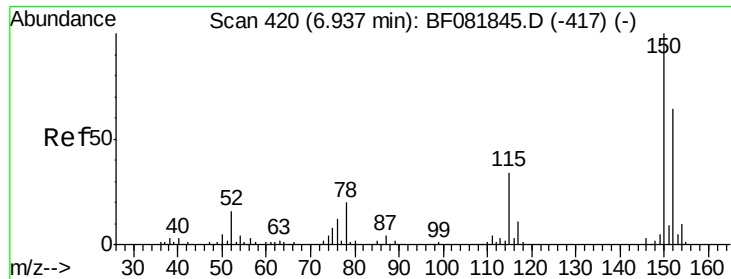
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	200216	35.67	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	239184	41.44	ng	97
45) 1,1'-Biphenyl	9.36	154	755201	36.71	ng	95
46) 2-Chloronaphthalene	9.38	162	573030	35.47	ng	# 93
47) 2-Nitroaniline	9.49	65	182310	38.44	ng	# 82
48) Acenaphthylene	9.81	152	963329	37.26	ng	97
49) Dimethylphthalate	9.67	163	707218	38.42	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	146214	36.59	ng	# 64
51) Acenaphthene	9.98	154	588904	38.36	ng	90
52) 3-Nitroaniline	9.90	138	178452	38.59	ng	# 69
53) 2,4-Dinitrophenol	10.00	184	68823	48.55	ng	# 60
54) Dibenzofuran	10.15	168	801343	36.93	ng	95
55) 4-Nitrophenol	10.06	139	110590	33.10	ng	# 73
56) 2,4-Dinitrotoluene	10.13	165	192366	37.76	ng	# 75
57) Fluorene	10.49	166	635167	40.73	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.26	232	192252	41.99	ng	# 88
59) Diethylphthalate	10.35	149	647819	37.68	ng	97
60) 4-Chlorophenyl-phenylether	10.48	204	311009	39.15	ng	96
61) 4-Nitroaniline	10.51	138	176233	38.01	ng	# 54
62) Azobenzene	10.64	77	656290	39.11	ng	94
64) 4,6-Dinitro-2-methylphenol	10.54	198	108681	47.51	ng	# 66
65) n-Nitrosodiphenylamine	10.59	169	569832	37.27	ng	92
66) 4-Bromophenyl-phenylether	10.97	248	208402	40.90	ng	# 91
67) Hexachlorobenzene	11.03	284	205963	35.82	ng	# 89
68) Atrazine	11.12	200	167182	35.24	ng	83
69) Pentachlorophenol	11.22	266	130859	39.94	ng	99
70) Phenanthrene	11.45	178	969145	39.66	ng	96
71) Anthracene	11.50	178	971564	37.83	ng	97
72) Carbazole	11.66	167	921648	39.65	ng	95
73) Di-n-butylphthalate	11.98	149	996064	41.98	ng	# 97
74) Fluoranthene	12.63	202	1003940	37.09	ng	93
76) Benzidine	12.77	184	425672	32.91	ng	97
77) Pyrene	12.87	202	1027908	40.08	ng	96
79) Butylbenzylphthalate	13.49	149	442316	45.84	ng	# 85
80) Benzo(a)anthracene	14.05	228	869338	37.61	ng	95
81) 3,3'-Dichlorobenzidine	14.02	252	305987	39.19	ng	# 93
82) Chrysene	14.05	228	869338	41.41	ng	97
83) Bis(2-ethylhexyl)phthalate	14.04	149	573402	47.37	ng	# 92
84) Di-n-octyl phthalate	14.65	149	951521	48.30	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.94	276	732287	40.50	ng	# 87
87) Benzo(b)fluoranthene	15.12	252	1579970	75.92	ng	# 85
88) Benzo(k)fluoranthene	15.12	252	1581427	82.91	ng	# 86
89) Benzo(a)pyrene	15.45	252	713073	39.50	ng	# 84
90) Dibenzo(a,h)anthracene	16.96	278	601845	39.73	ng	# 80
91) Benzo(g,h,i)perylene	17.37	276	586928	37.81	ng	# 77

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 417

Delta R.T. -0.03 min

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SSTDCCC040

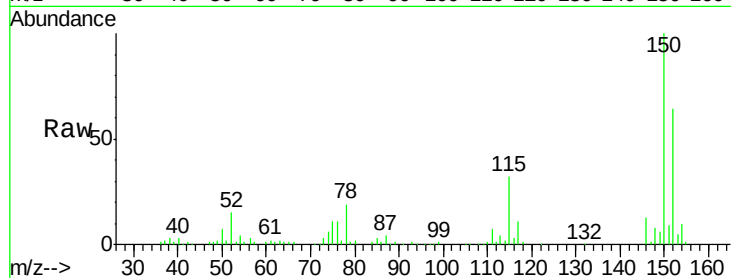
Tgt Ion:152 Resp: 138763

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

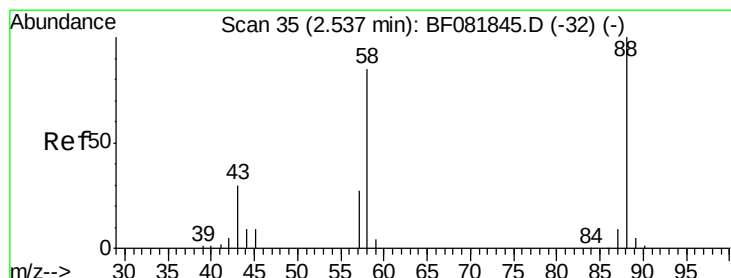
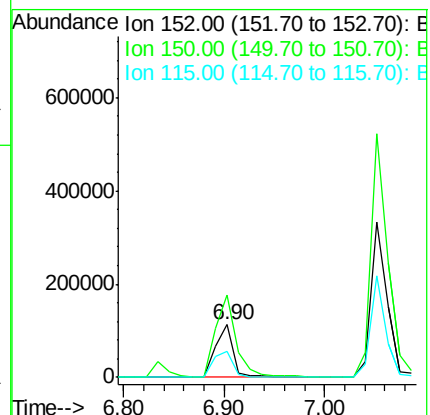
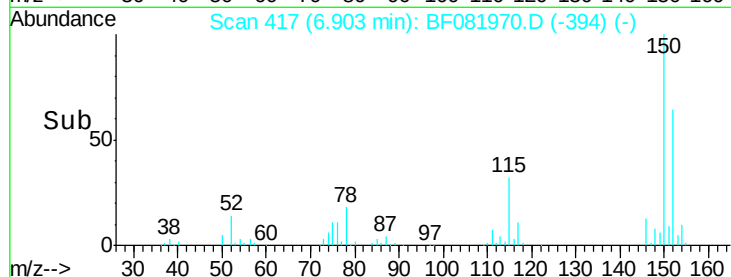
115 50.6 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.23 ng

RT: 2.50 min Scan# 32

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

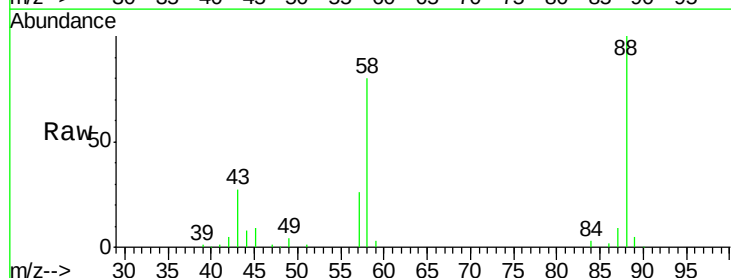
Tgt Ion: 88 Resp: 130406

Ion Ratio Lower Upper

88 100

58 81.2 77.7 116.5

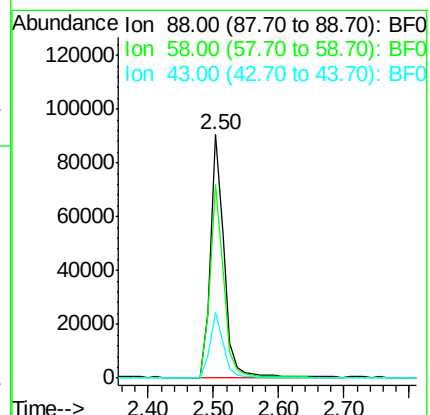
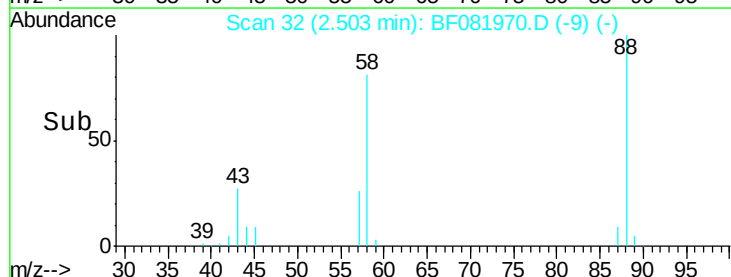
43 27.0 26.6 40.0

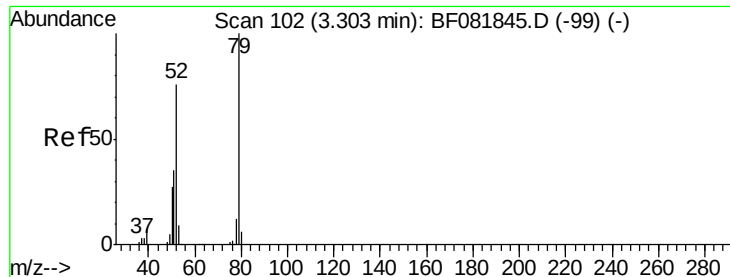


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.02 ng

RT: 3.25 min Scan# 97

Delta R.T. -0.06 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

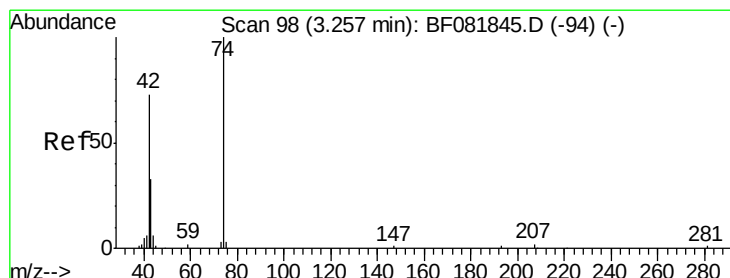
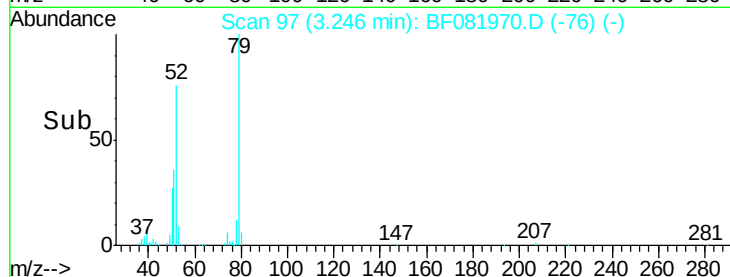
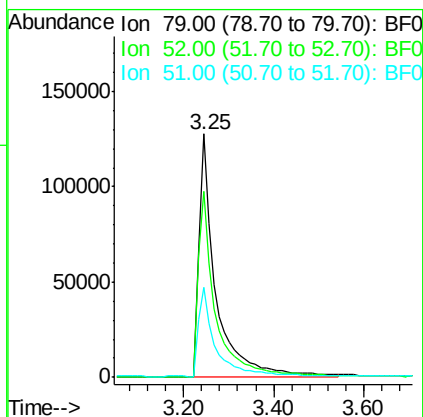
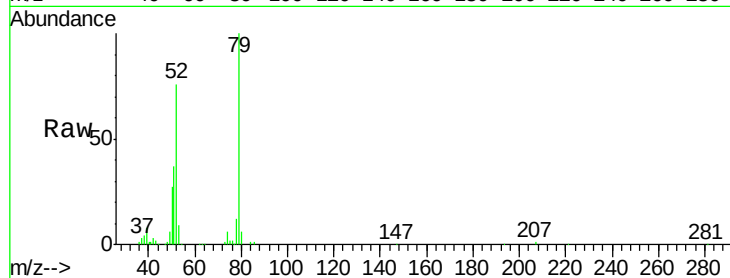
Tgt Ion: 79 Resp: 337704

Ion Ratio Lower Upper

79 100

52 76.3 76.8 115.2#

51 37.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 34.05 ng

RT: 3.21 min Scan# 94

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

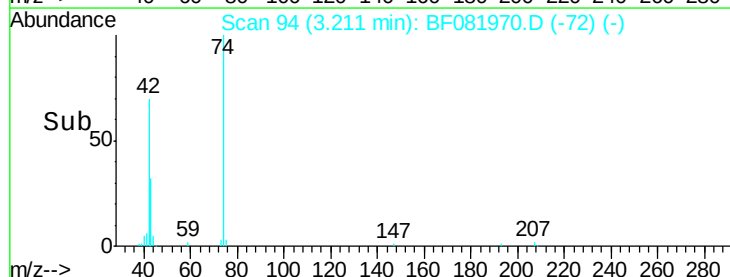
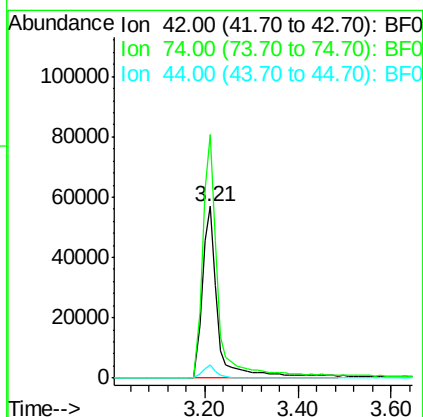
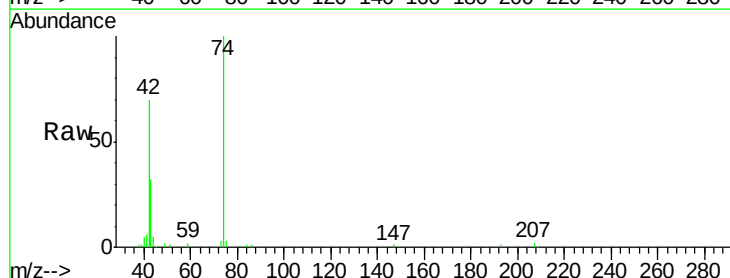
Tgt Ion: 42 Resp: 133837

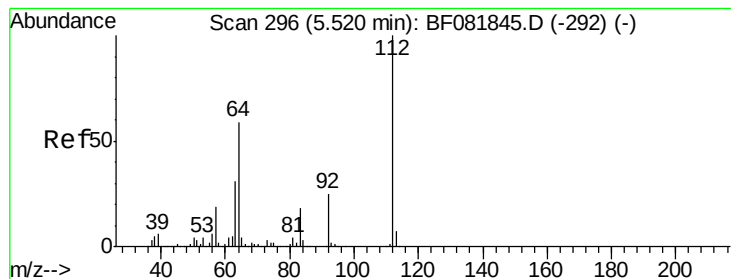
Ion Ratio Lower Upper

42 100

74 142.0 105.0 157.6

44 7.4 6.6 10.0

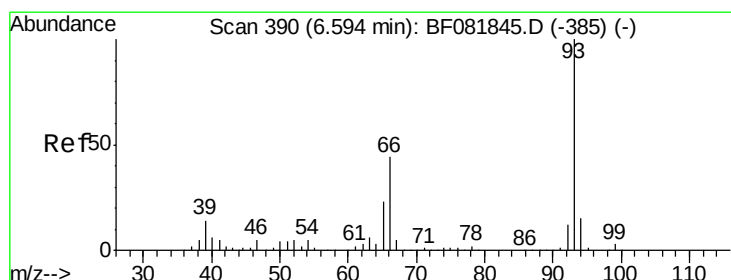
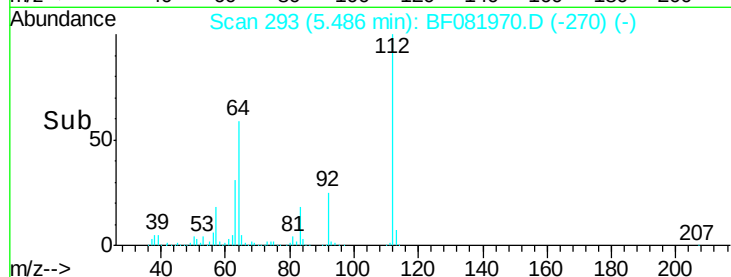
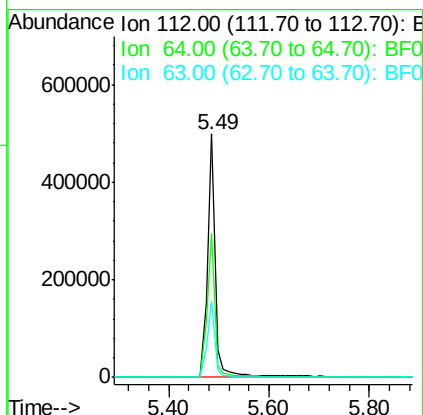
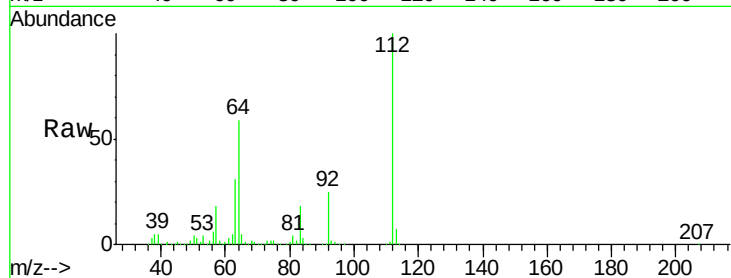




#5
 2-Fluorophenol
 Concen: 71.78 ng
 RT: 5.49 min Scan# 293
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

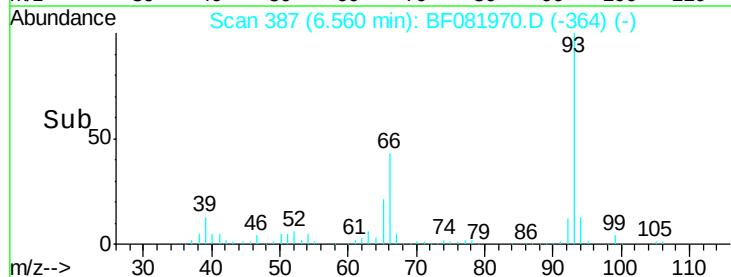
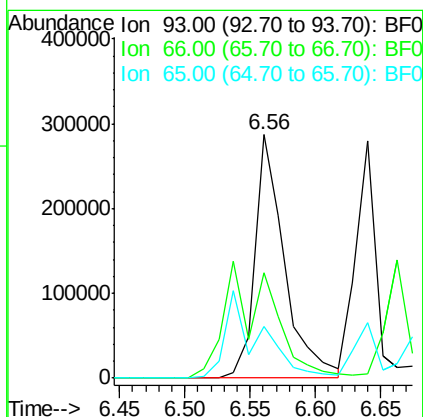
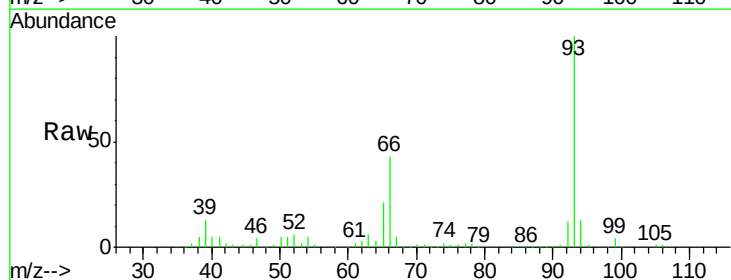
Instrument :
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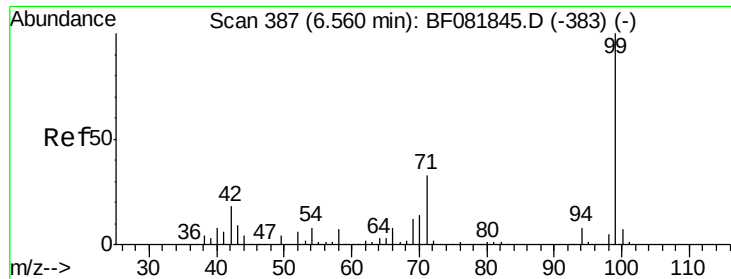
Tgt Ion: 112 Resp: 548663
 Ion Ratio Lower Upper
 112 100
 64 59.0 39.7 59.5
 63 31.1 17.4 26.0#



#6
 Aniline
 Concen: 35.25 ng
 RT: 6.56 min Scan# 387
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion: 93 Resp: 455469
 Ion Ratio Lower Upper
 93 100
 66 43.0 27.2 40.8#
 65 21.4 14.7 22.1





#7

Phenol-d6

Concen: 69.87 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

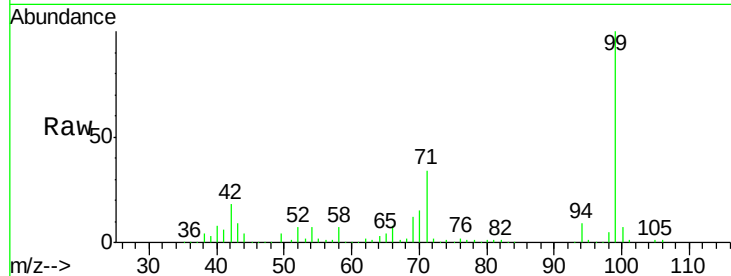
Tgt Ion: 99 Resp: 672025

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

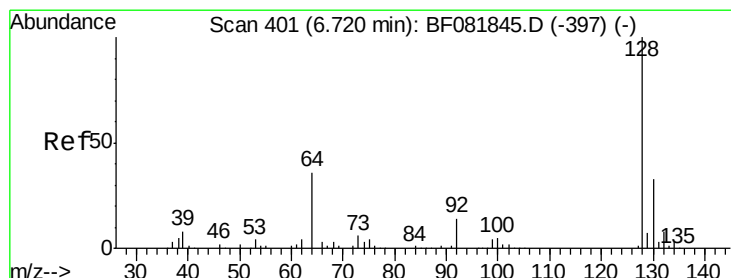
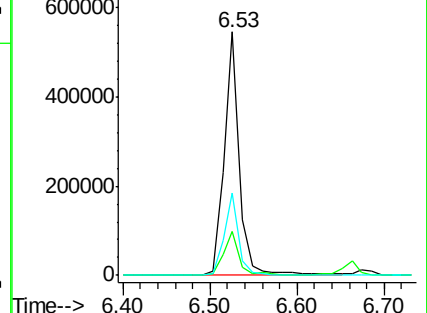
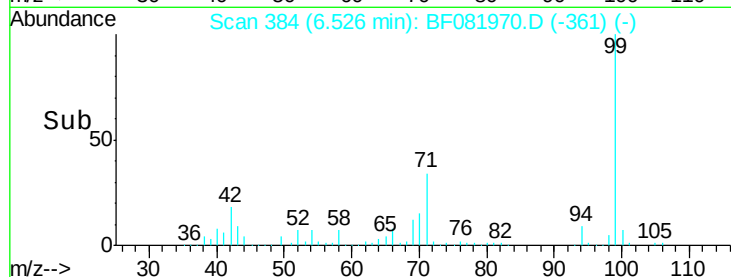
71 33.6 14.2 21.2#



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: 36.07 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

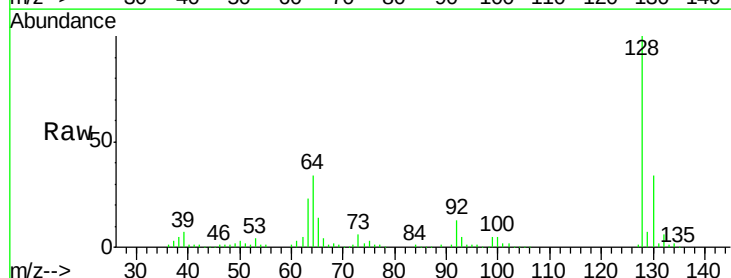
Tgt Ion: 128 Resp: 304500

Ion Ratio Lower Upper

128 100

130 33.8 12.2 52.2

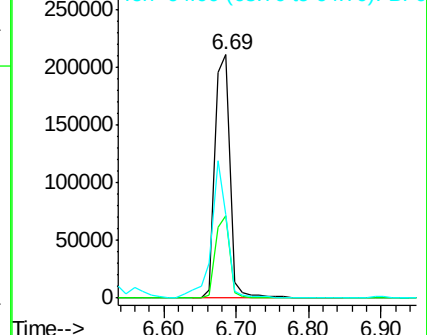
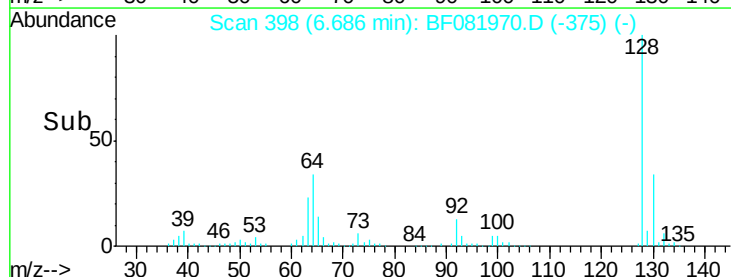
64 34.3 20.5 60.5

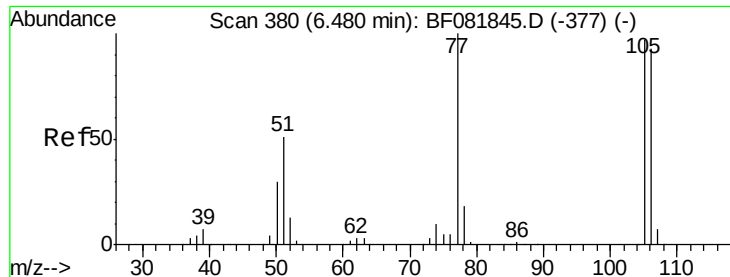


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

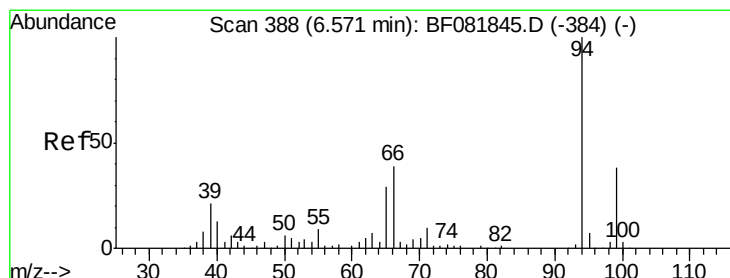
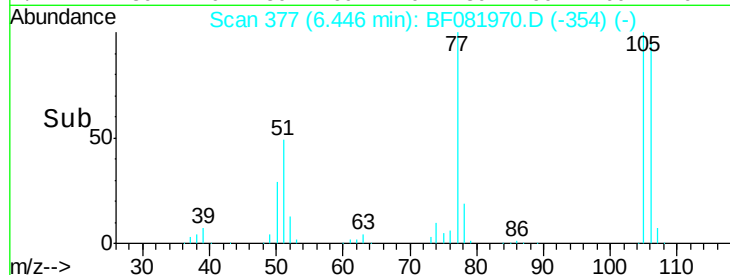
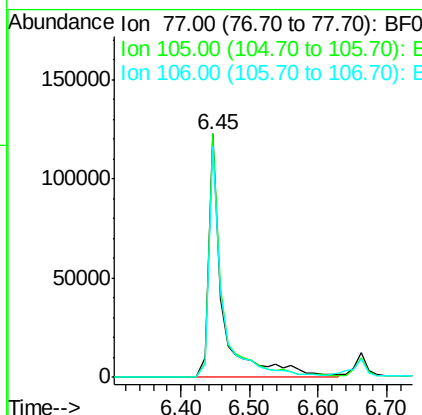
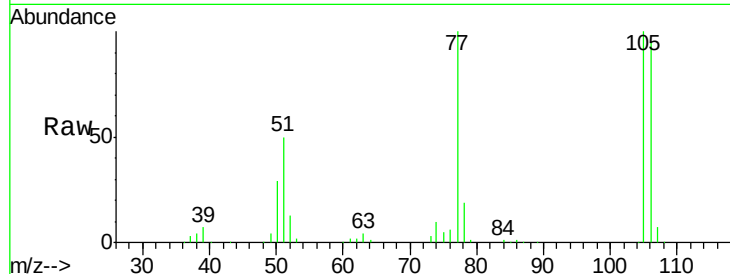




#9
Benzaldehyde
Concen: 28.15 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

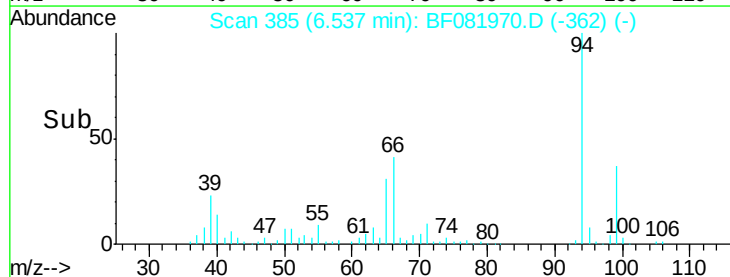
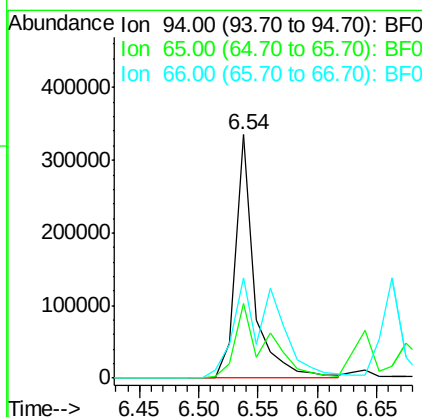
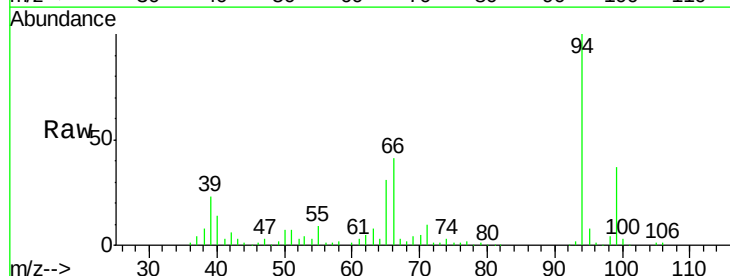
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

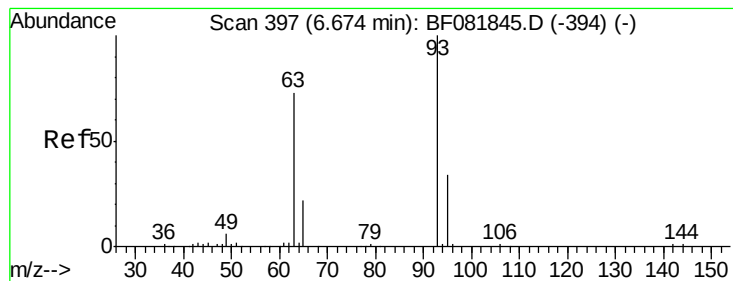
Tgt Ion: 77 Resp: 177319
Ion Ratio Lower Upper
77 100
105 100.0 91.6 131.6
106 94.6 102.6 142.6#



#10
Phenol
Concen: 34.86 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion: 94 Resp: 376078
Ion Ratio Lower Upper
94 100
65 30.7 0.7 40.7
66 41.3 0.8 40.8#





#11

bis(2-Chloroethyl)ether

Concen: 39.69 ng

RT: 6.64 min Scan# 394

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

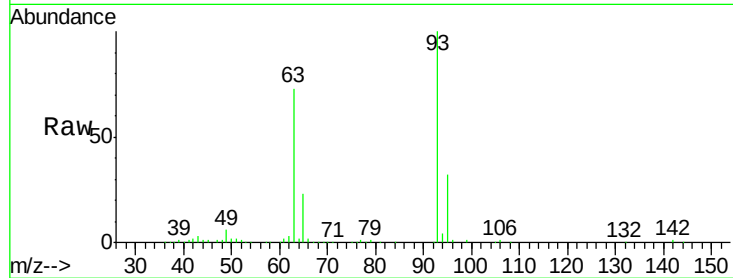
Tgt Ion: 93 Resp: 332072

Ion Ratio Lower Upper

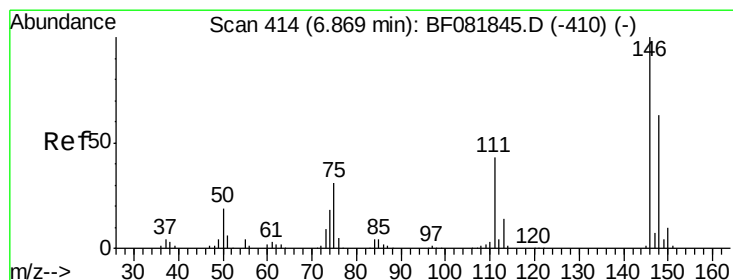
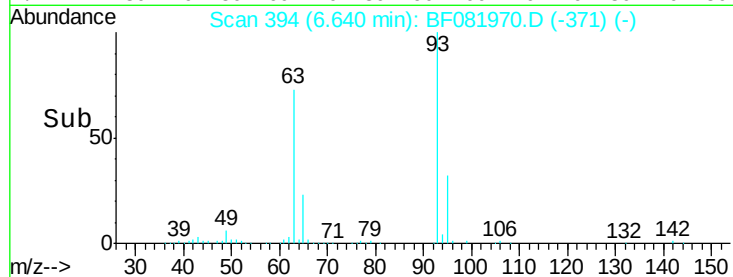
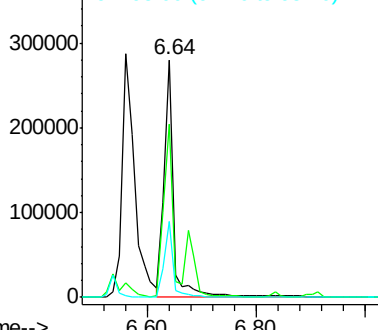
93 100

63 72.9 65.6 105.6

95 31.8 13.6 53.6



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: 31.49 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.21 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

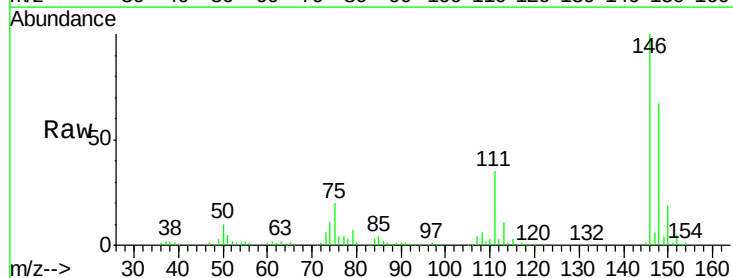
Tgt Ion: 146 Resp: 313983

Ion Ratio Lower Upper

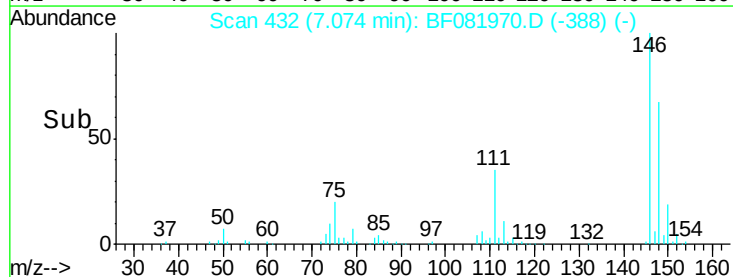
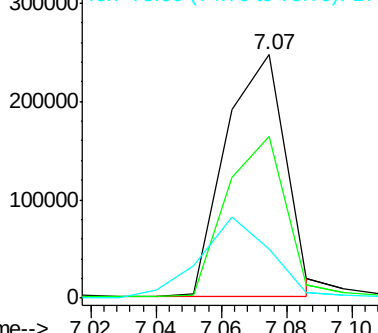
146 100

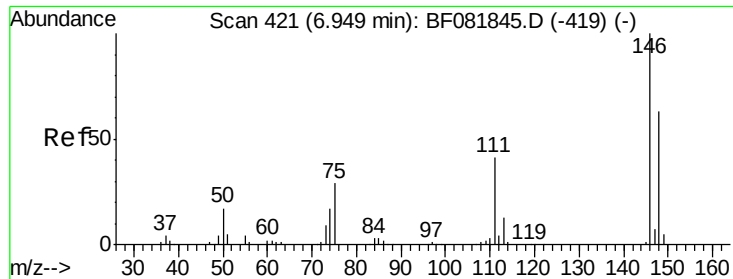
148 66.6 51.0 76.4

75 20.1 15.0 22.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0

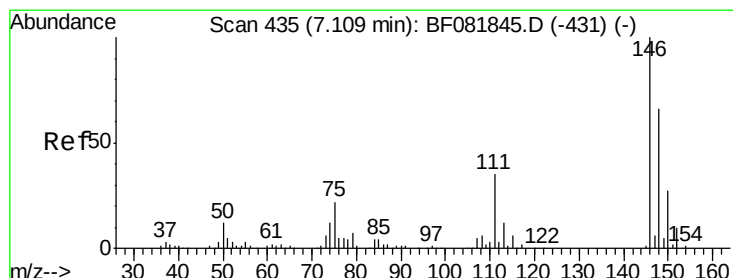
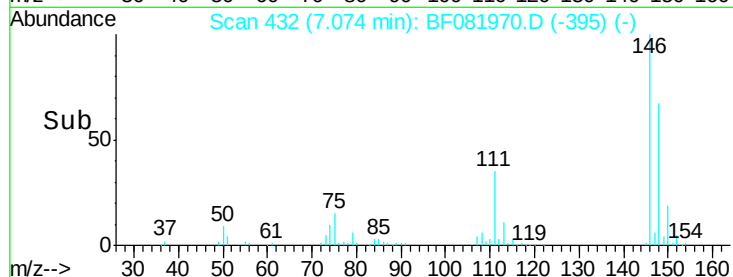
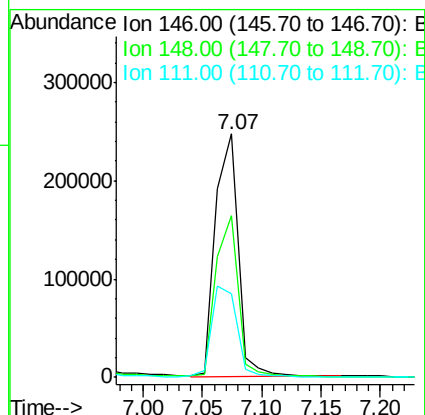
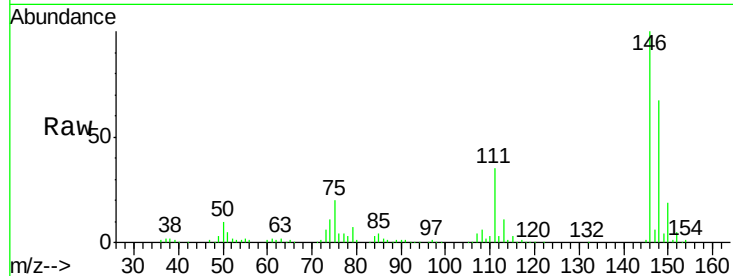




#13
 1,4-Dichlorobenzene
 Concen: 31.14 ng
 RT: 7.07 min Scan# 432
 Delta R.T. 0.13 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

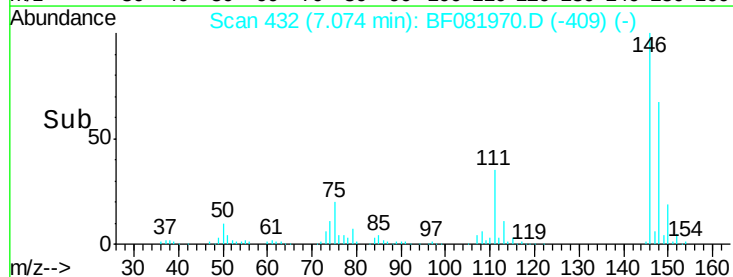
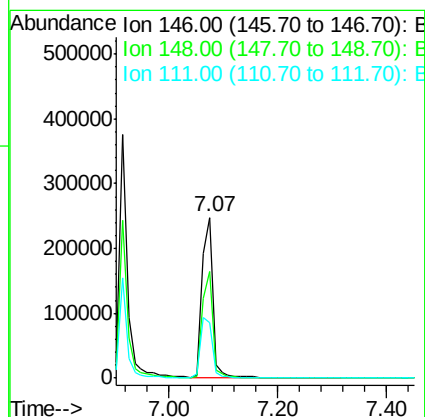
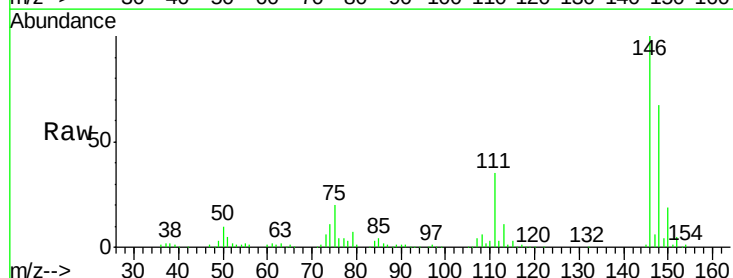
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

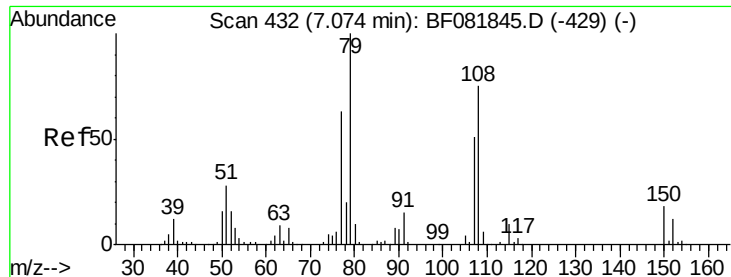
Tgt Ion:146 Resp: 324224
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.8 77.6
 111 34.5 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 36.28 ng
 RT: 7.07 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:146 Resp: 336621
 Ion Ratio Lower Upper
 146 100
 148 66.6 52.7 79.1
 111 34.5 28.8 43.2





#15

Benzyl Alcohol

Concen: 31.86 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

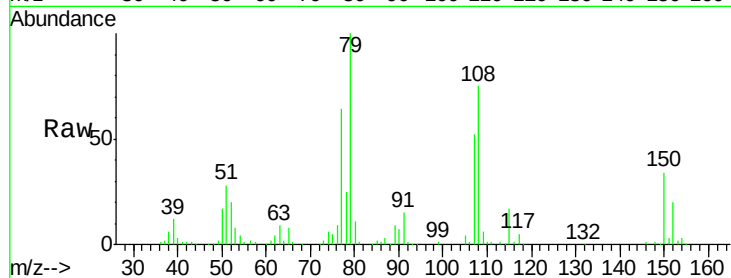
Tgt Ion: 79 Resp: 221190

Ion Ratio Lower Upper

79 100

108 75.4 88.6 132.8#

77 63.9 47.0 70.4

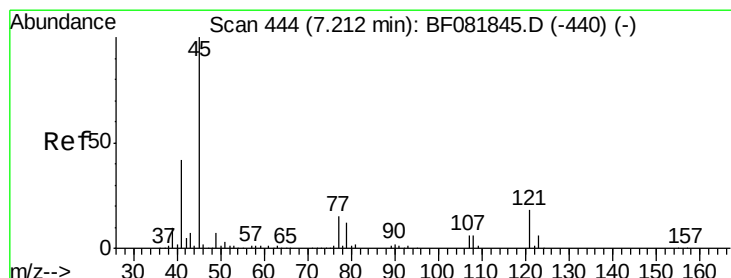
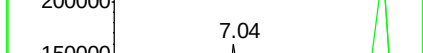
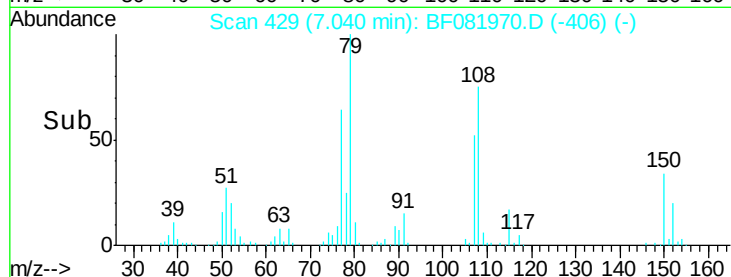


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.66 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

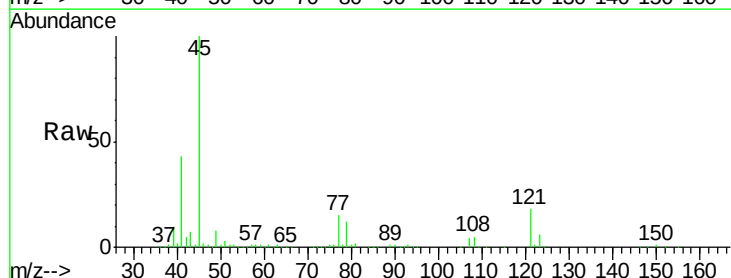
Tgt Ion: 45 Resp: 421835

Ion Ratio Lower Upper

45 100

77 15.4 0.0 28.1

79 12.4 0.0 26.0

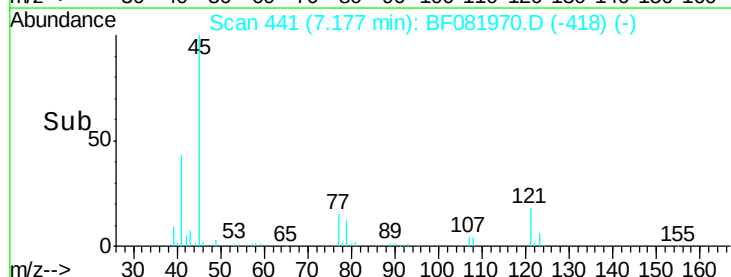


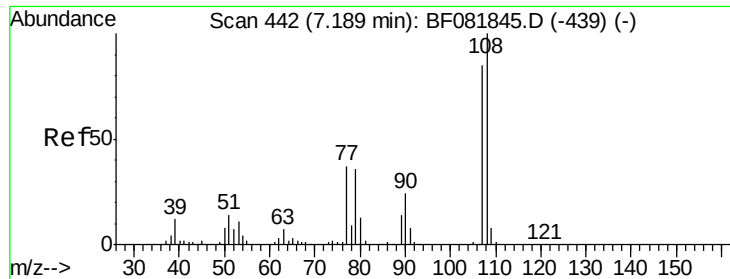
Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

Time-->

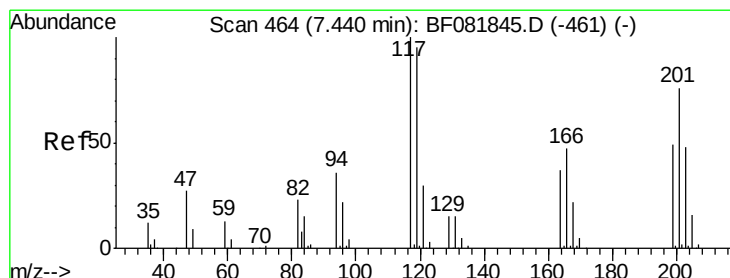
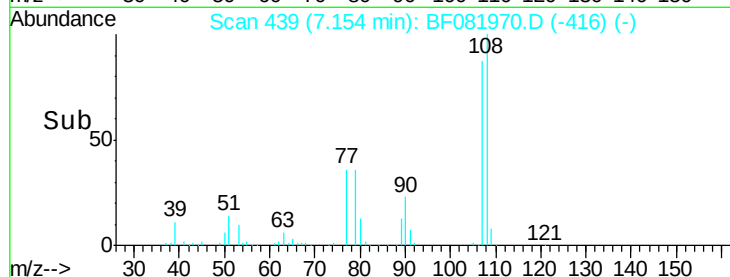
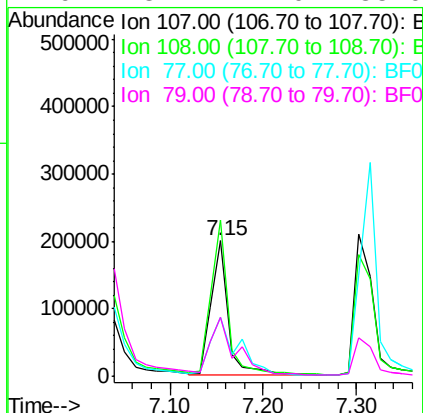
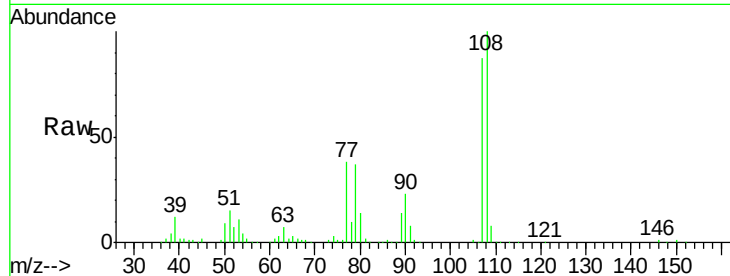




#17
2-Methylphenol
Concen: 37.84 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

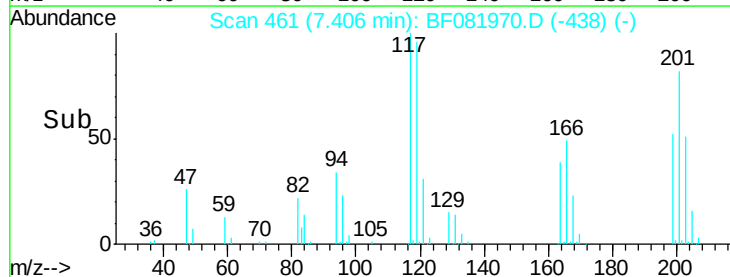
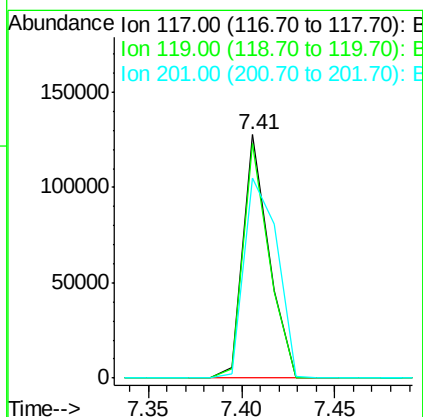
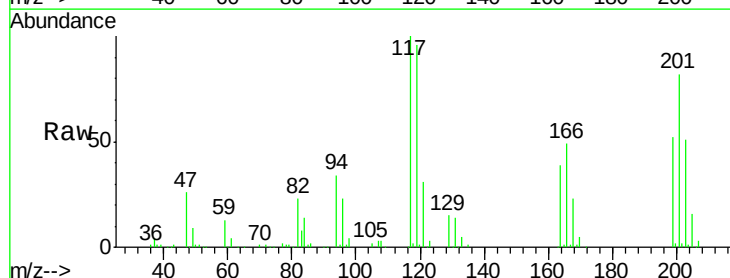
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

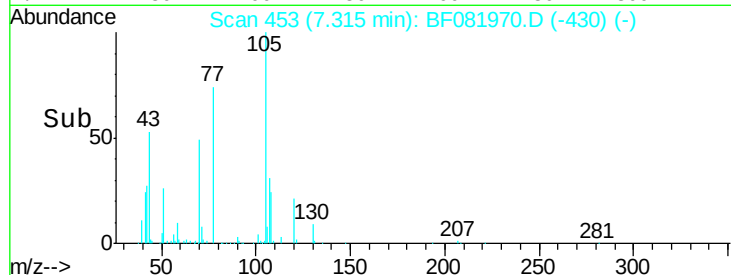
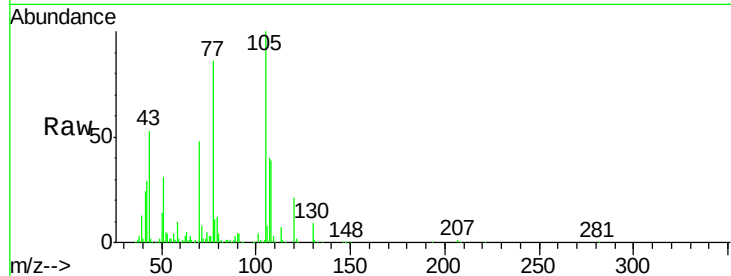
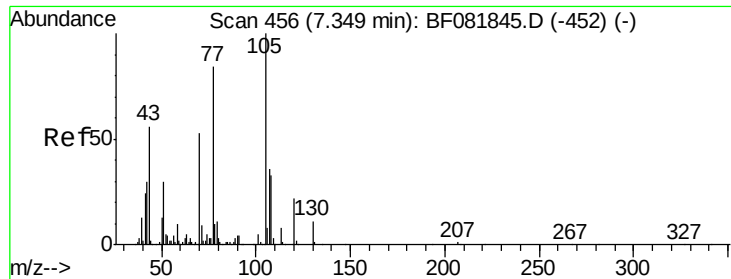
Tgt Ion:107 Resp: 258975
Ion Ratio Lower Upper
107 100
108 115.0 96.6 145.0
77 43.4 23.3 34.9#
79 43.1 22.0 33.0#



#18
Hexachloroethane
Concen: 37.84 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:117 Resp: 123324
Ion Ratio Lower Upper
117 100
119 96.4 83.8 125.6
201 82.1 55.1 82.7

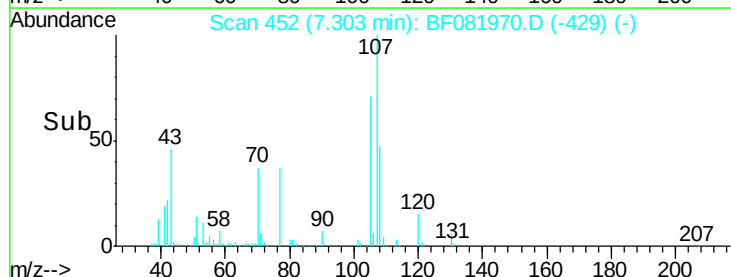
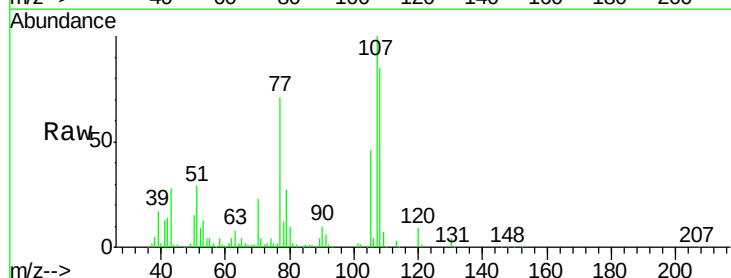
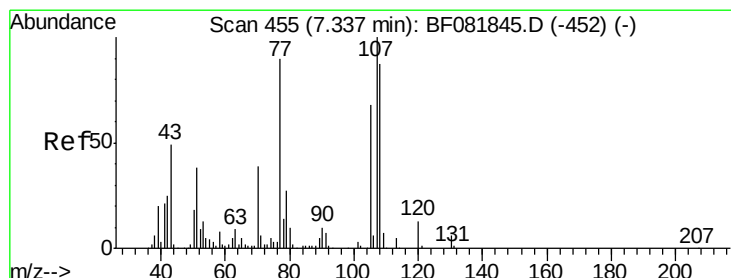
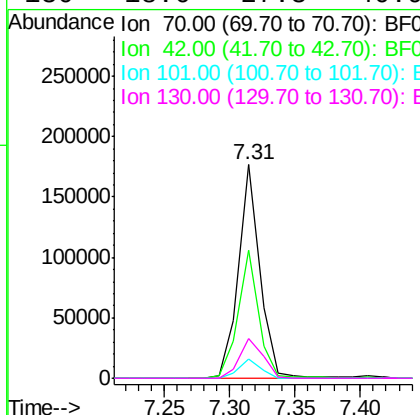




#19
n-Nitroso-di-n-propylamine
Concen: 34.51 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

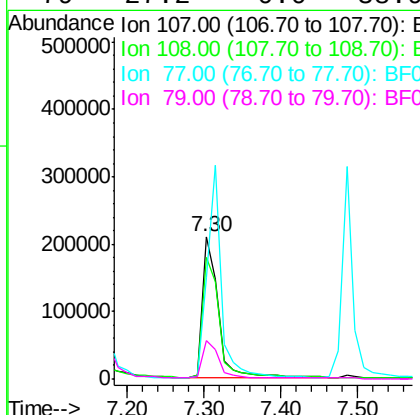
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

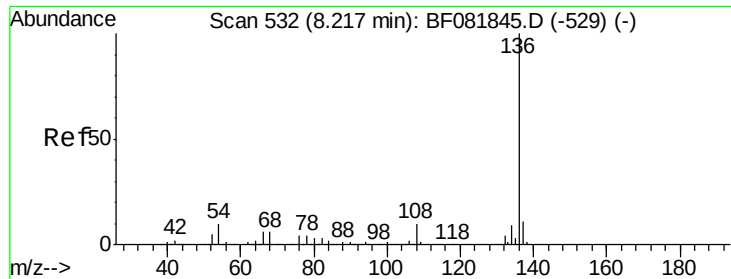
Tgt Ion:	70	Resp:	201722
Ion	Ratio	Lower	Upper
70	100		
42	59.8	63.8	95.6#
101	8.9	9.2	13.8#
130	18.6	27.3	40.9#



#20
3+4-Methylphenols
Concen: 33.73 ng
RT: 7.30 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:	107	Resp:	291610
Ion	Ratio	Lower	Upper
107	100		
108	85.5	74.6	114.6
77	71.1	0.7	40.7#
79	27.2	0.0	38.9

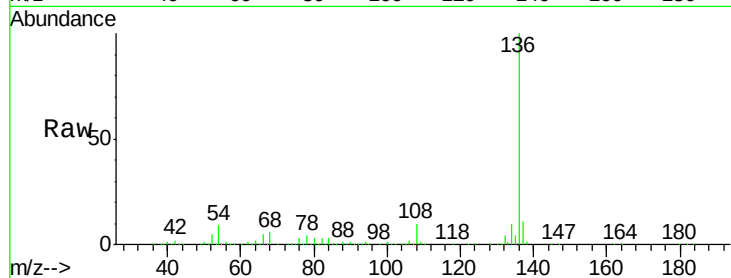




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	537627
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.3	8.2	12.2
68	5.9	5.8	8.6



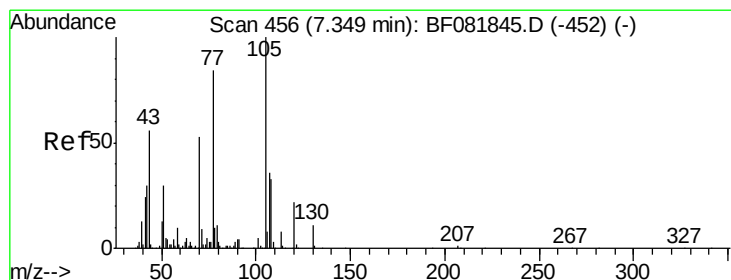
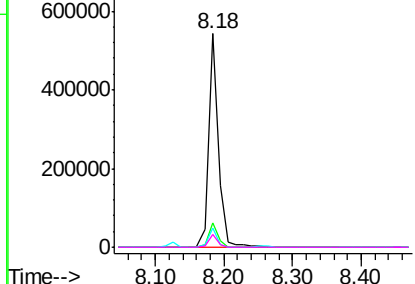
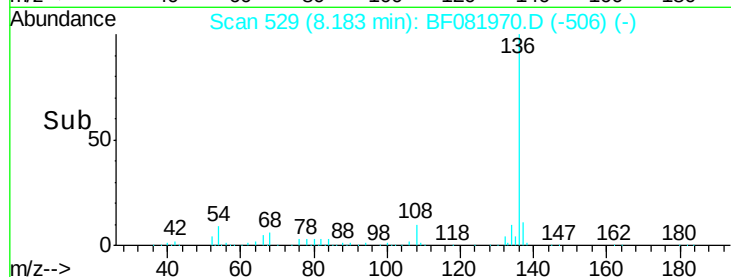
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

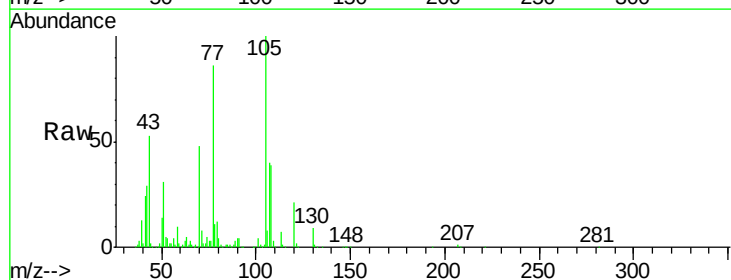
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 38.61 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:	105	Resp:	424378
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.7	7.1#
51	30.5	22.0	33.0
120	20.8	30.1	45.1#



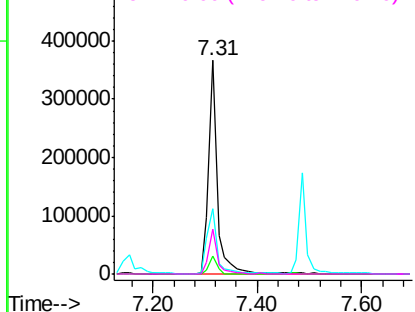
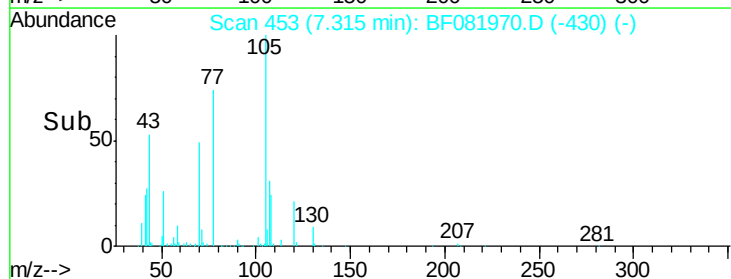
Abundance

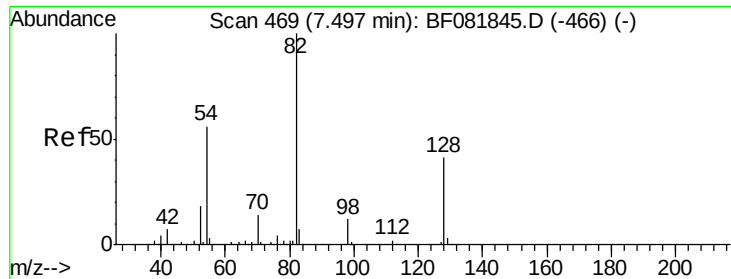
Ion 105.00 (104.70 to 105.70): E

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

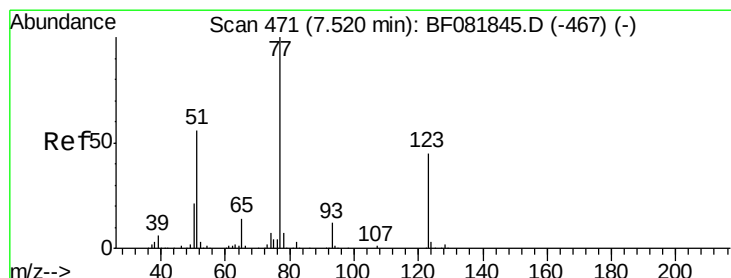
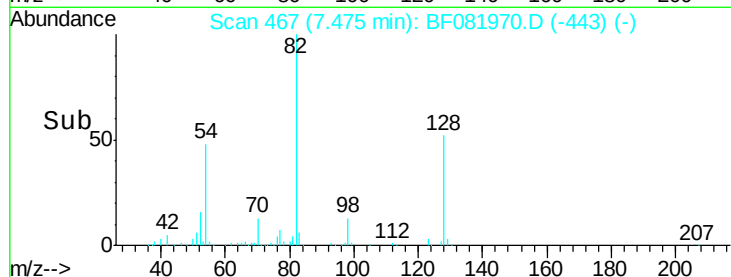
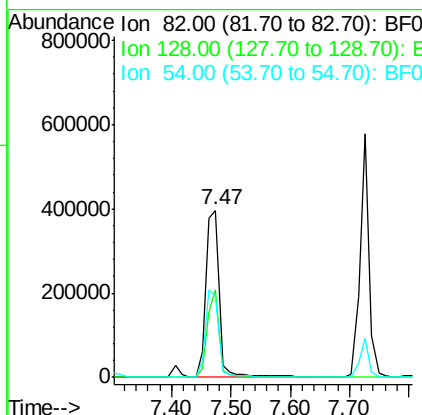
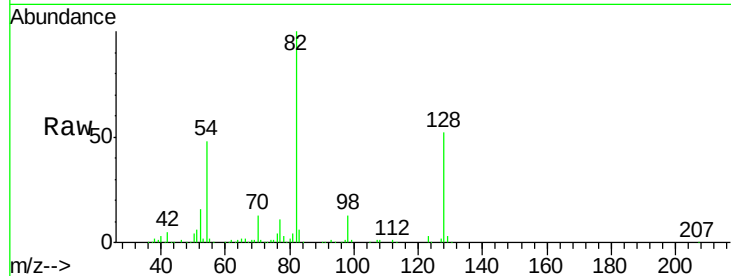




#23
 Nitrobenzene-d5
 Concen: 78.70 ng
 RT: 7.47 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

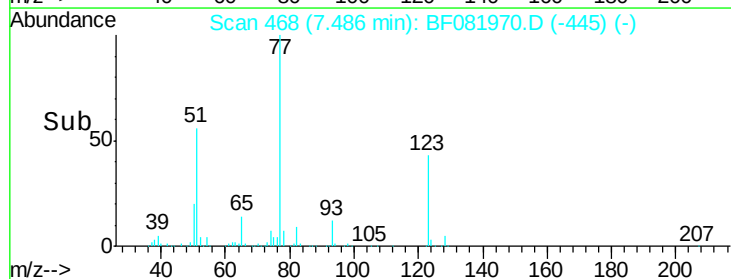
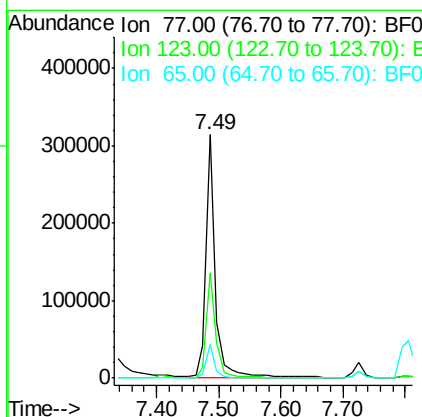
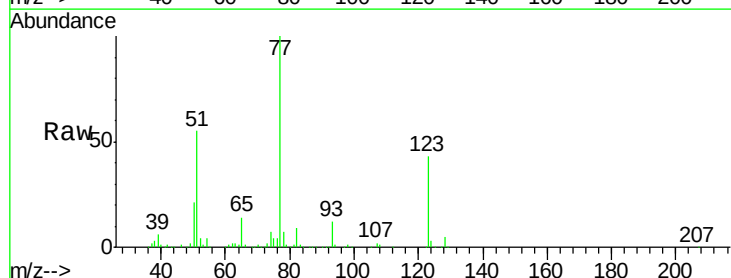
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

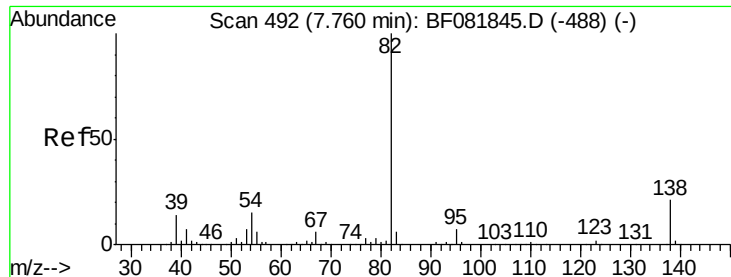
Tgt Ion: 82 Resp: 634722
 Ion Ratio Lower Upper
 82 100
 128 52.0 51.0 76.6
 54 48.3 47.5 71.3



#24
 Nitrobenzene
 Concen: 37.54 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion: 77 Resp: 328743
 Ion Ratio Lower Upper
 77 100
 123 43.1 59.8 89.8#
 65 13.7 10.2 15.4





#25

Isophorone

Concen: 37.98 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

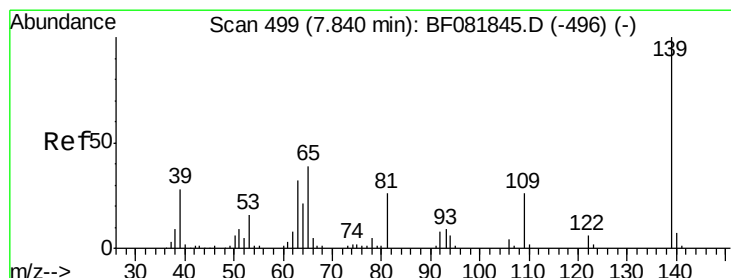
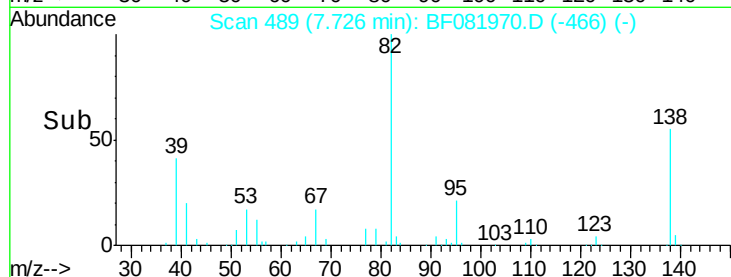
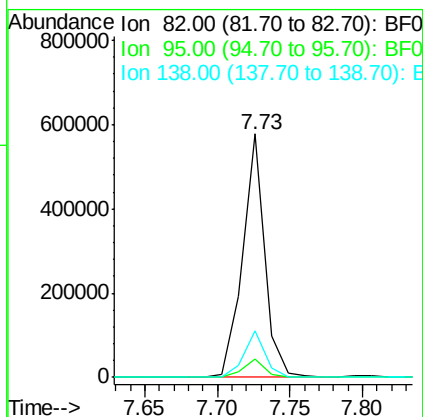
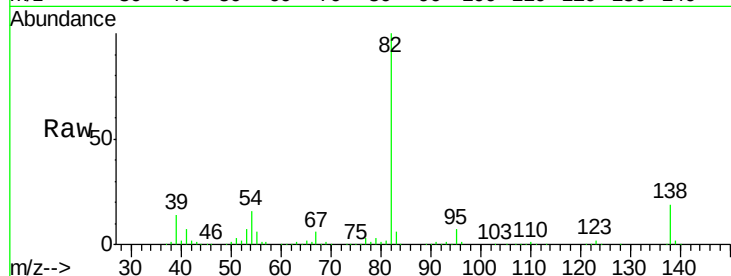
Tgt Ion: 82 Resp: 607132

Ion Ratio Lower Upper

82 100

95 7.4 4.0 6.0#

138 19.0 18.3 27.5



#26

2-Nitrophenol

Concen: 41.42 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

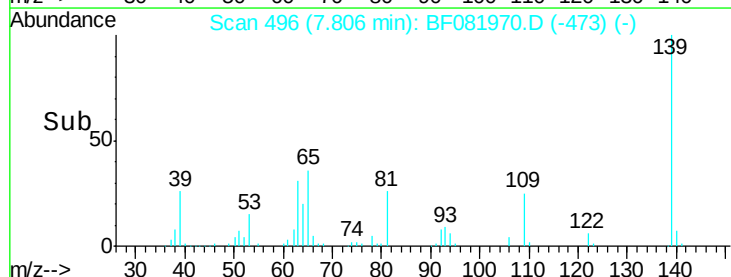
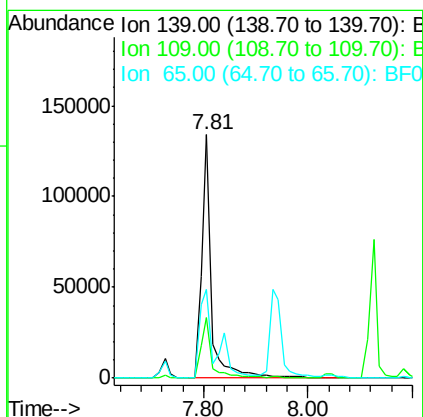
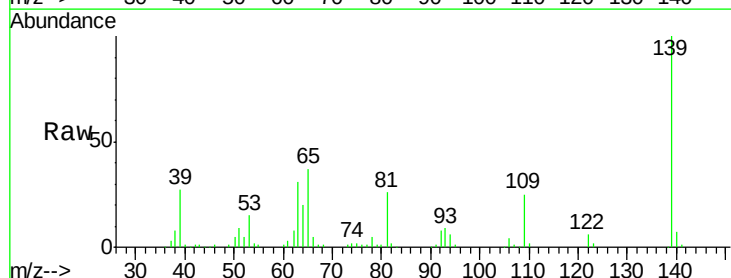
Tgt Ion: 139 Resp: 174136

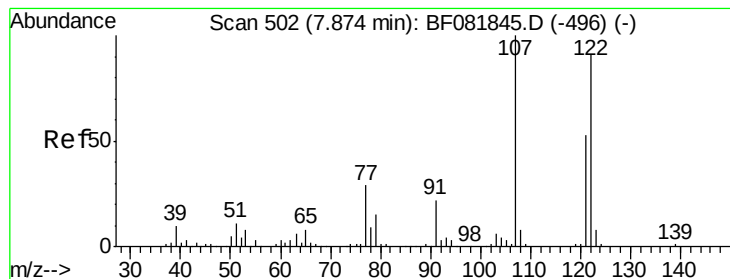
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 36.5 24.7 37.1





#27

2,4-Dimethylphenol

Concen: 38.93 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

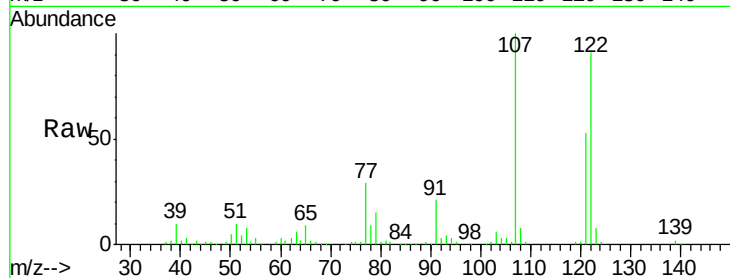
Tgt Ion:122 Resp: 287920

Ion Ratio Lower Upper

122 100

107 110.0 71.8 107.6#

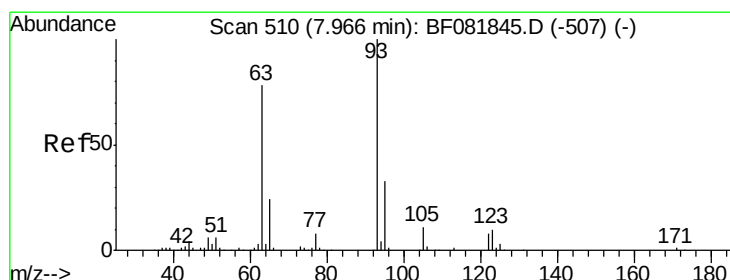
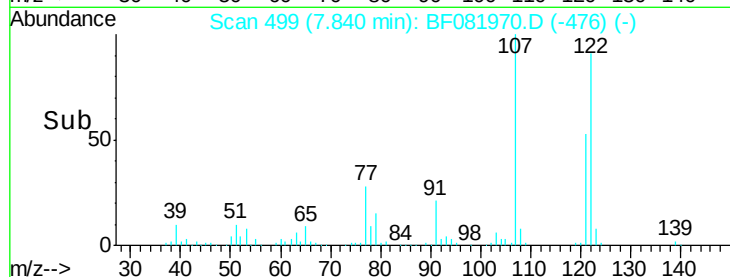
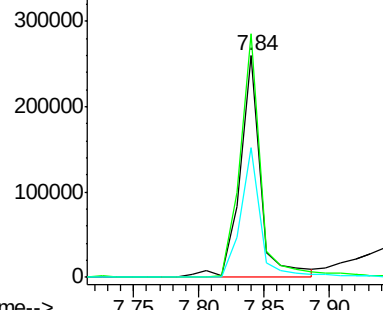
121 58.4 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.47 ng

RT: 7.94 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

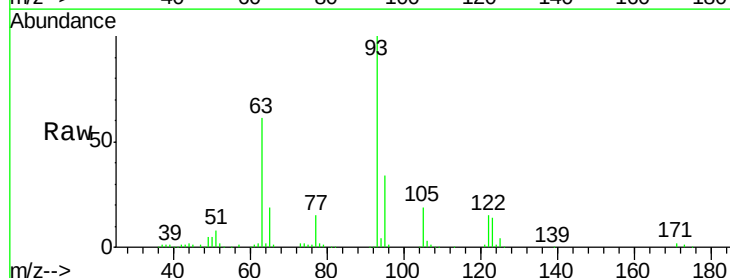
Tgt Ion: 93 Resp: 346195

Ion Ratio Lower Upper

93 100

95 33.5 27.5 41.3

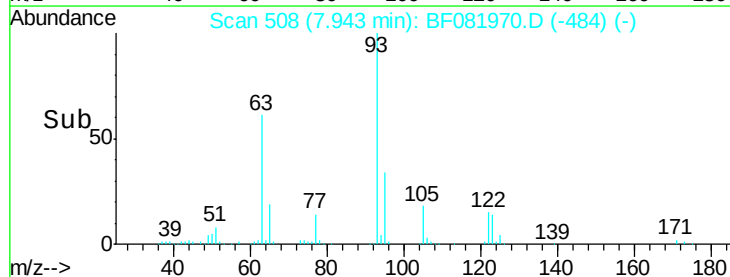
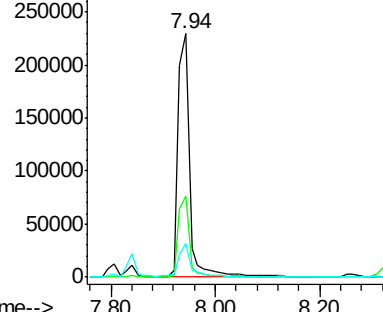
123 14.1 13.7 20.5

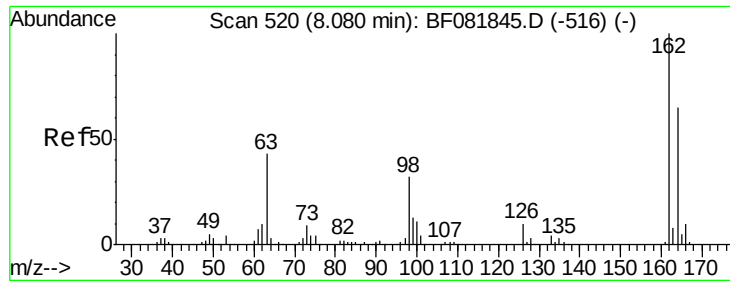


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

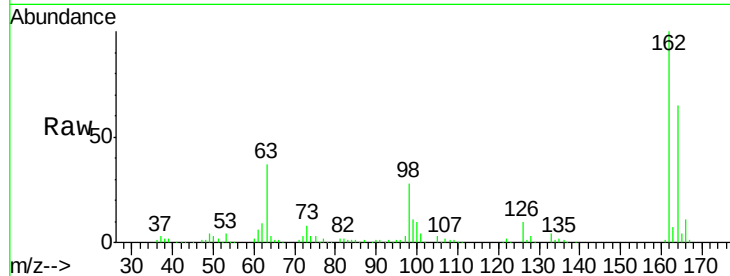




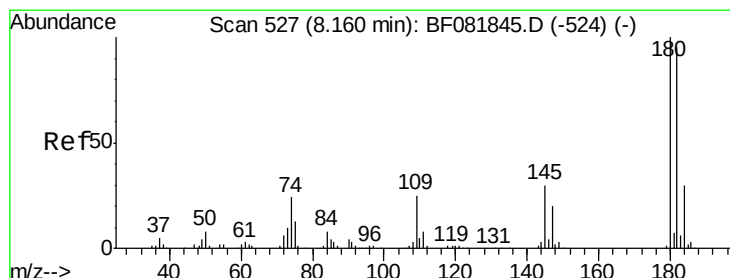
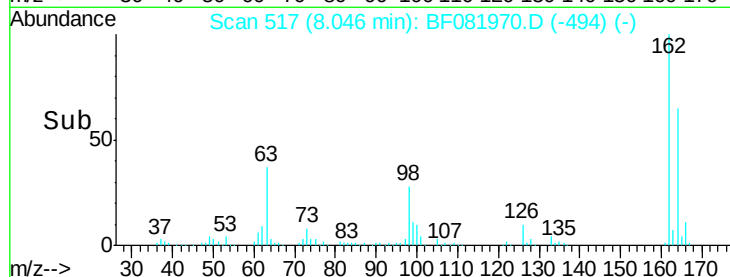
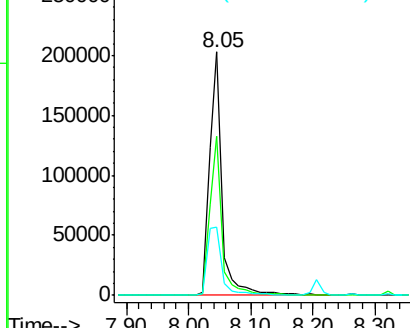
#29
 2,4-Dichlorophenol
 Concen: 38.92 ng
 RT: 8.05 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	28.2	13.0	53.0

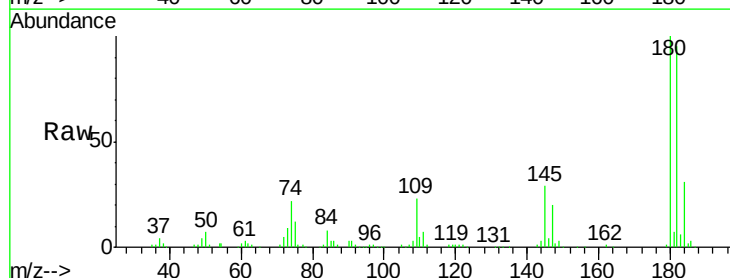


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

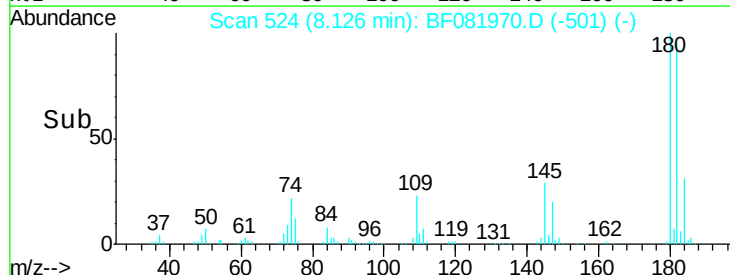
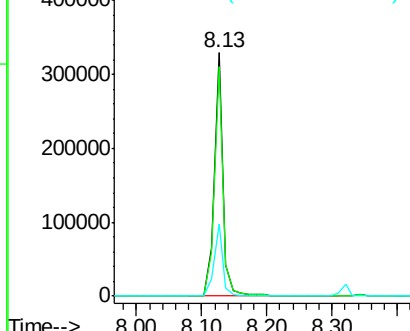


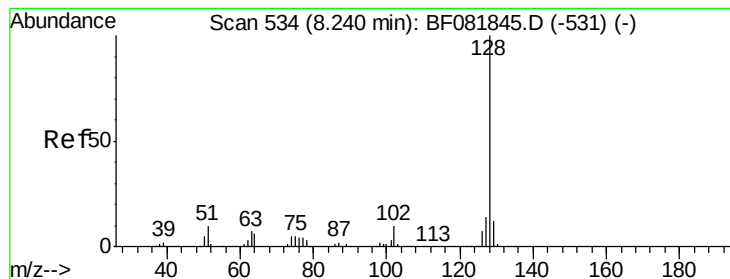
#30
 1,2,4-Trichlorobenzene
 Concen: 39.28 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	29.4	23.3	34.9



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: 38.50 ng

RT: 8.21 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

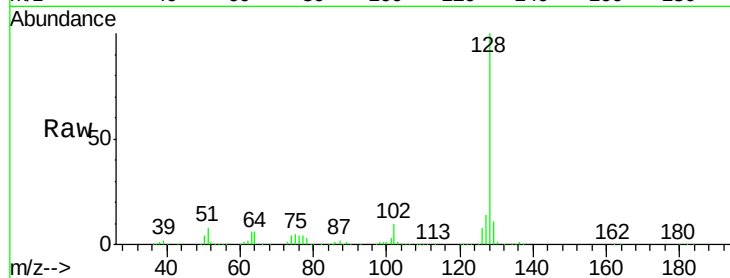
Tgt Ion:128 Resp: 917148

Ion Ratio Lower Upper

128 100

129 11.5 8.4 12.6

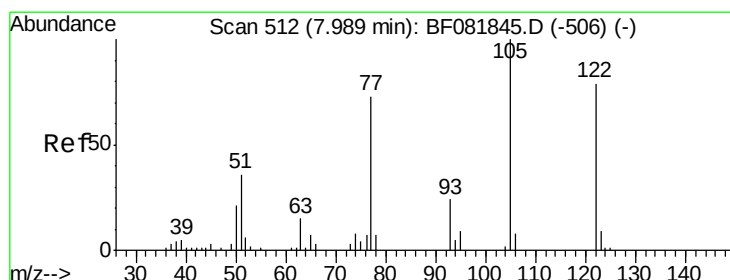
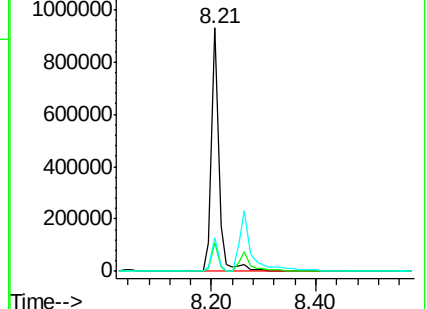
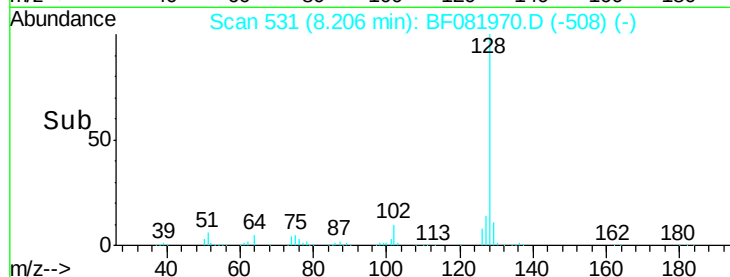
127 13.6 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.52 ng

RT: 7.97 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

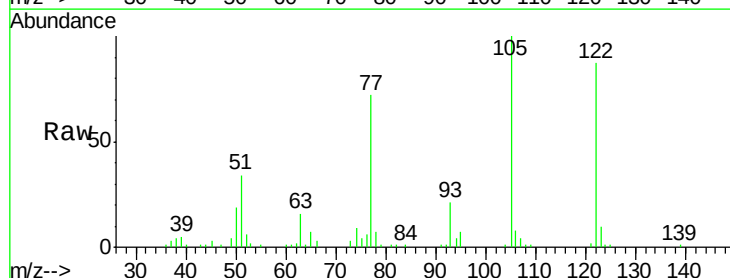
Tgt Ion:122 Resp: 168045

Ion Ratio Lower Upper

122 100

105 115.0 76.1 116.1

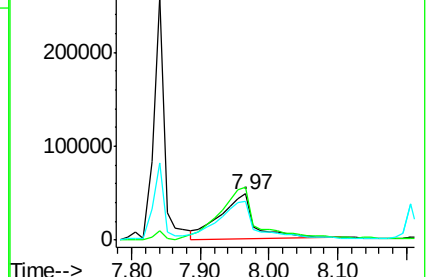
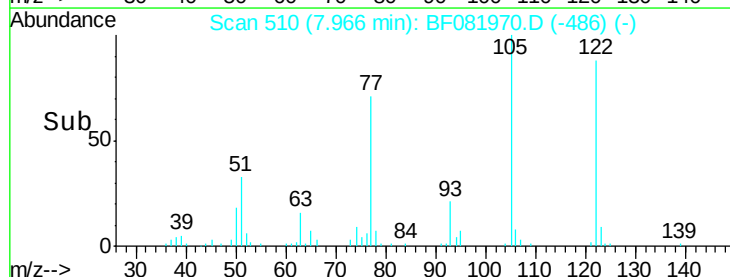
77 83.3 40.5 80.5#

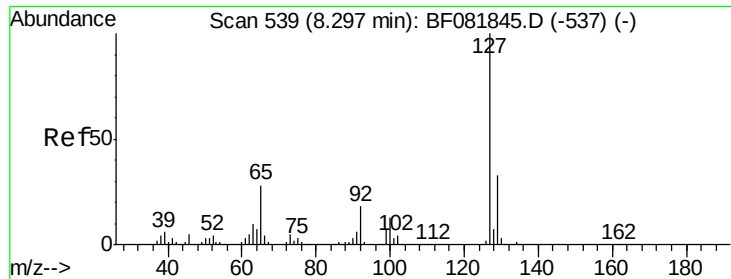


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

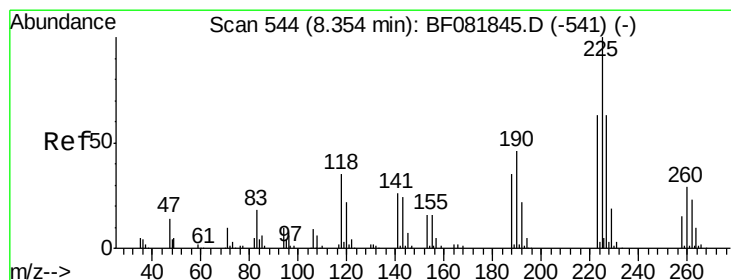
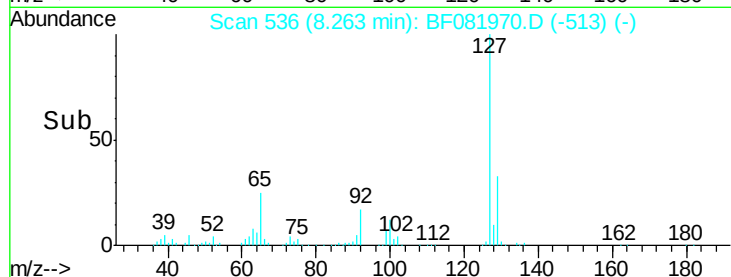
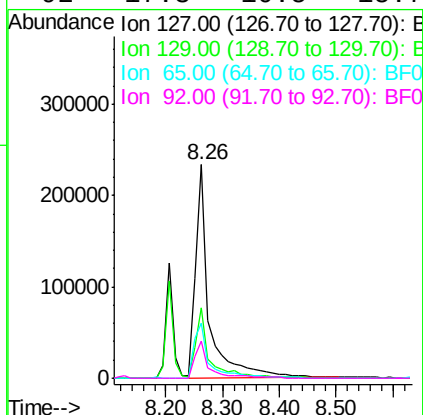
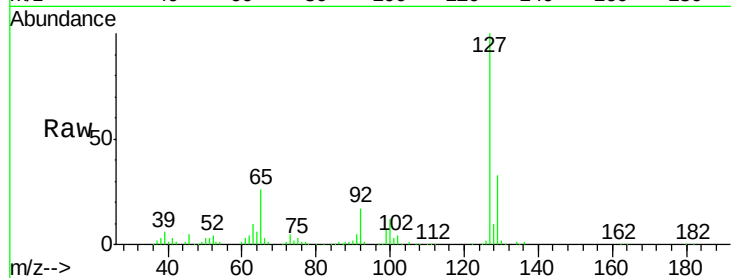




#33
4-Chloroaniline
Concen: 37.44 ng
RT: 8.26 min Scan# 536
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

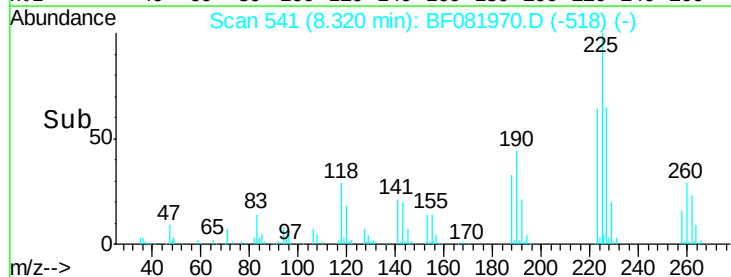
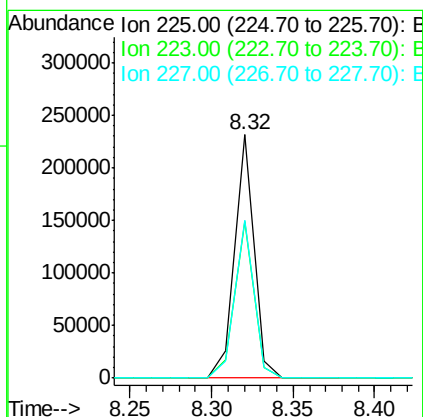
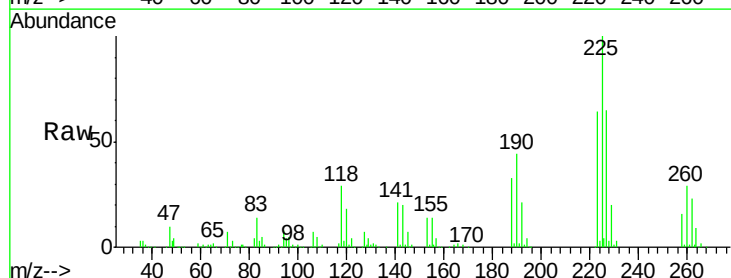
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

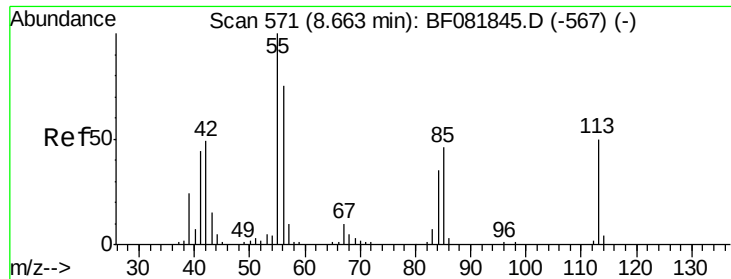
Tgt Ion:	127	Resp:	385653
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	25.6	17.9	26.9
92	17.3	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 39.73 ng
RT: 8.32 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:	225	Resp:	188113
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.2	75.2
227	64.6	52.2	78.2

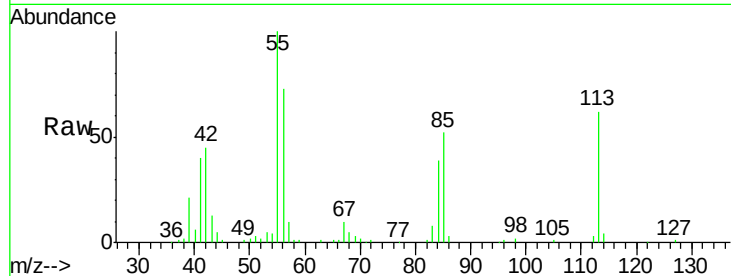




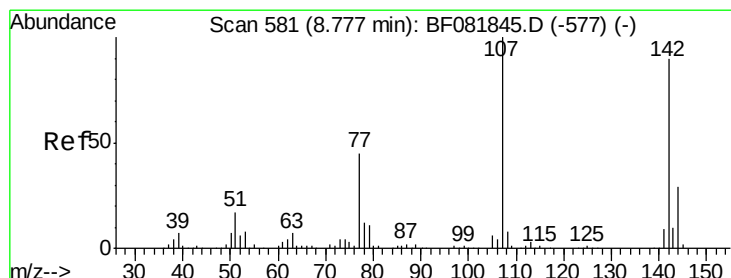
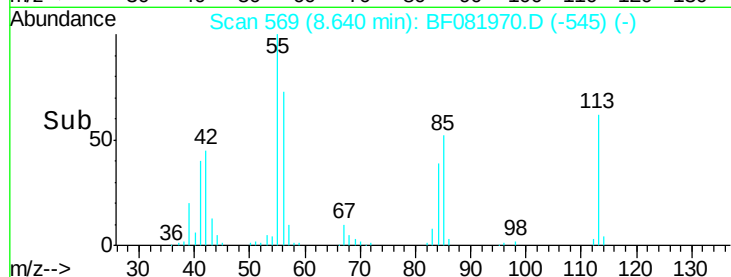
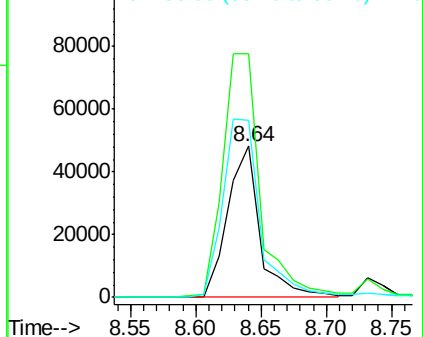
#35
 Caprolactam
 Concen: 41.81 ng
 RT: 8.64 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 83008
 Ion Ratio Lower Upper
 113 100
 55 160.7 152.4 192.4
 56 116.9 104.6 144.6

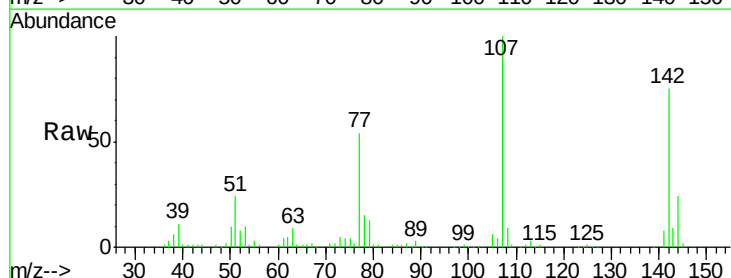


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

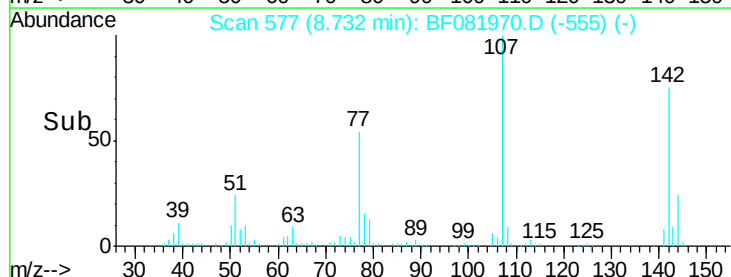
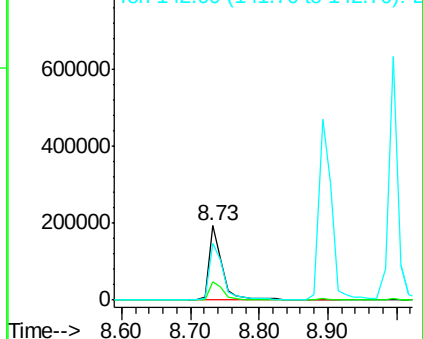


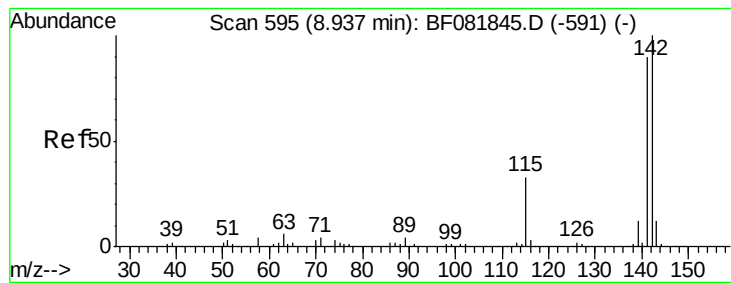
#36
 4-Chloro-3-methylphenol
 Concen: 37.11 ng
 RT: 8.73 min Scan# 577
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:107 Resp: 260228
 Ion Ratio Lower Upper
 107 100
 144 24.5 25.4 38.0#
 142 75.3 77.3 115.9#



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





#37

2-Methylnaphthalene

Concen: 35.76 ng

RT: 8.89 min Scan# 591

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

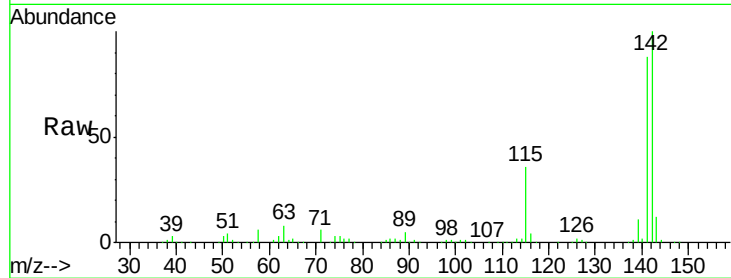
Tgt Ion:142 Resp: 581429

Ion Ratio Lower Upper

142 100

141 88.3 67.5 101.3

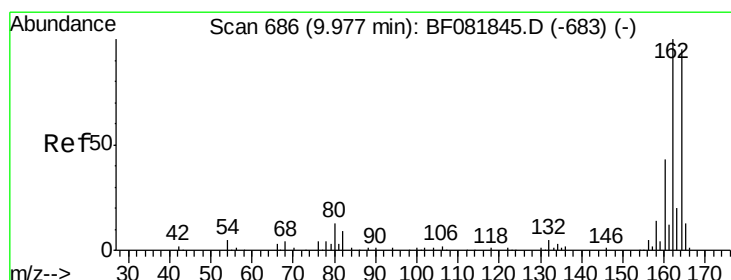
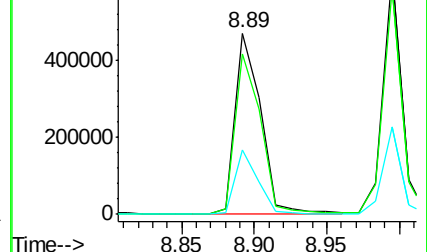
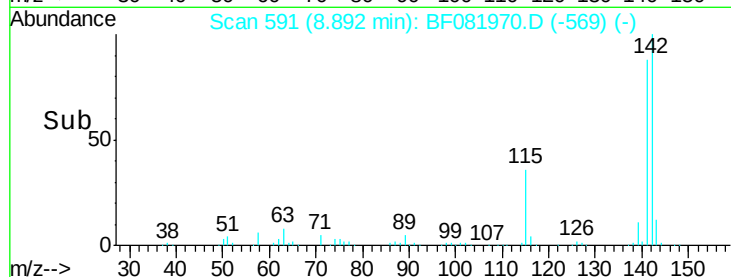
115 35.8 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

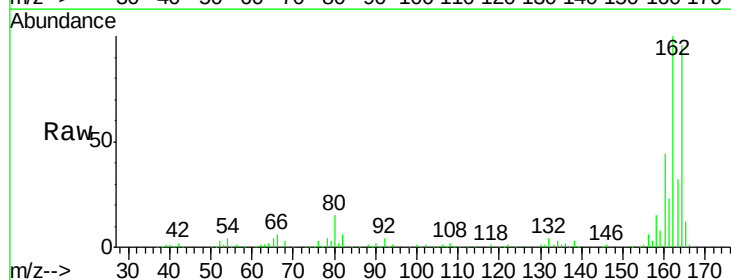
Tgt Ion:164 Resp: 266681

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

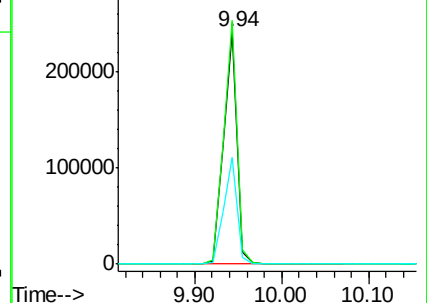
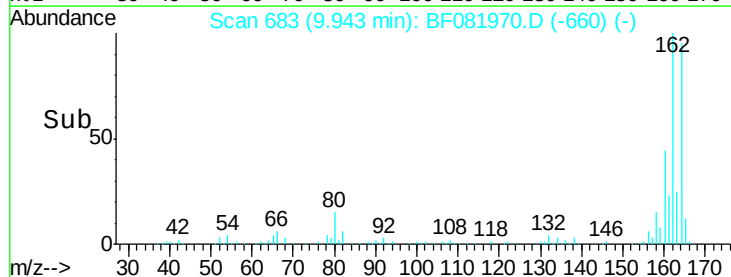
160 46.0 31.5 47.3

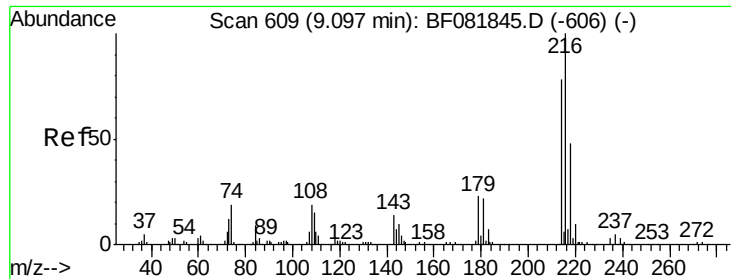


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

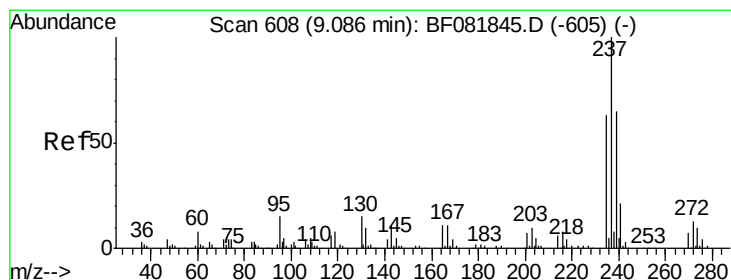
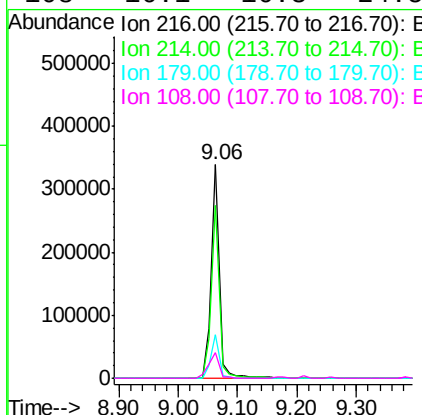
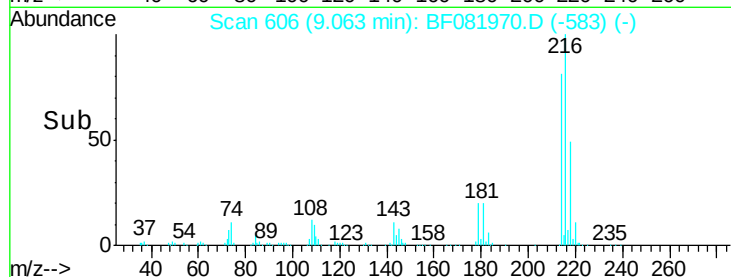
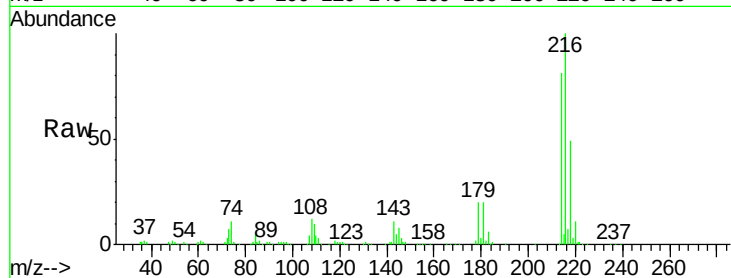




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.34 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

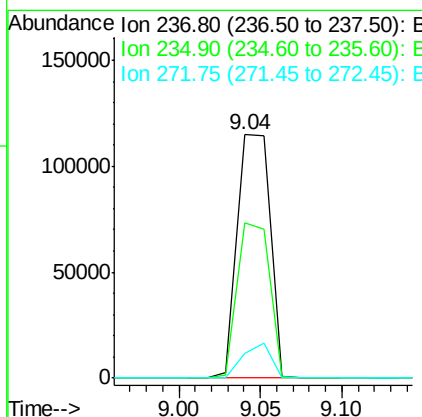
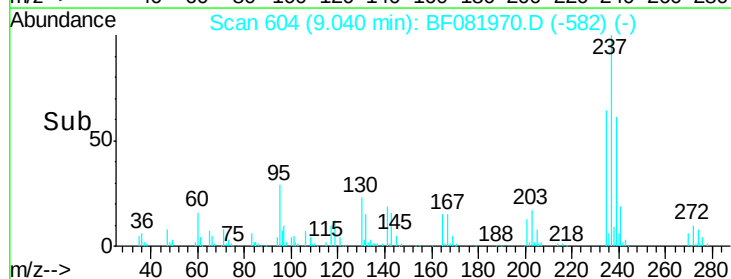
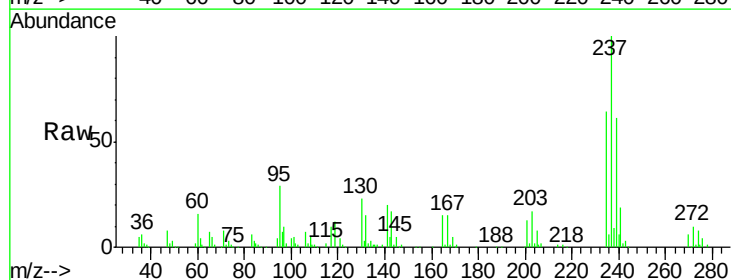
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

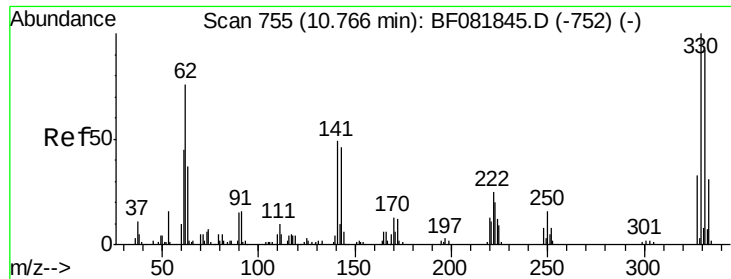
Tgt Ion:	216	Resp:	322070
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.5	95.3
179	21.1	16.6	24.8
108	16.1	16.3	24.5#



#40
 Hexachlorocyclopentadiene
 Concen: 37.88 ng
 RT: 9.04 min Scan# 604
 Delta R.T. -0.04 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:	237	Resp:	159717
Ion	Ratio	Lower	Upper
237	100		
235	63.8	42.0	82.0
272	10.2	0.0	36.1

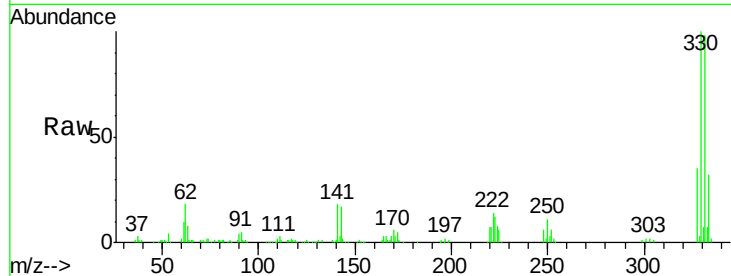




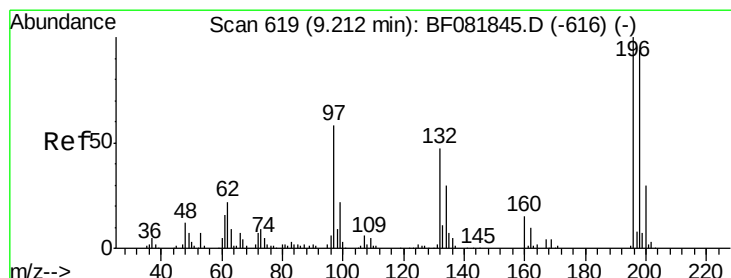
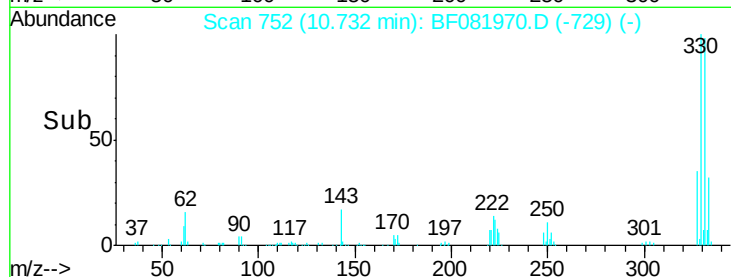
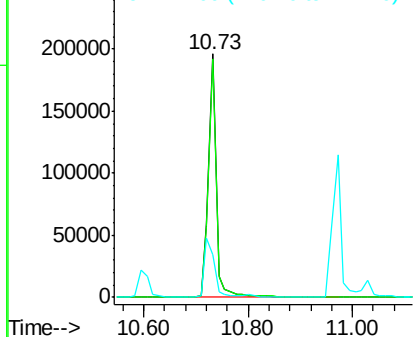
#41
 2,4,6-Tribromophenol
 Concen: 76.37 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:330 Resp: 206264
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 114.8
 141 30.3 29.7 44.5

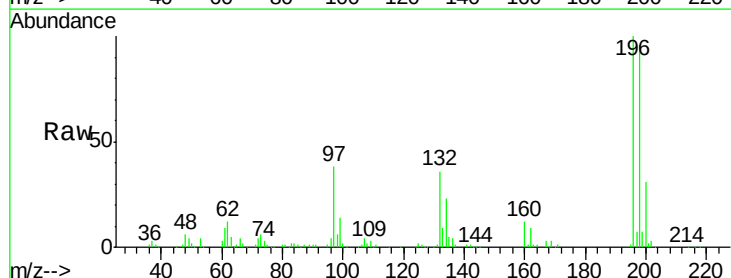


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

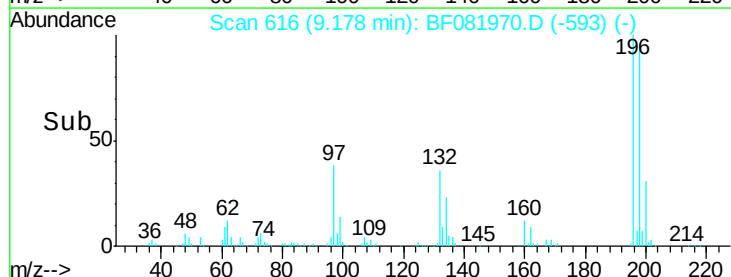
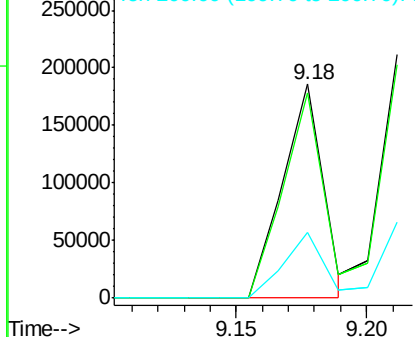


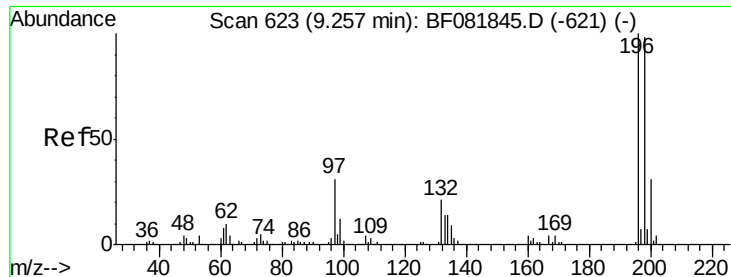
#42
 2,4,6-Trichlorophenol
 Concen: 35.67 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:196 Resp: 200216
 Ion Ratio Lower Upper
 196 100
 198 95.8 75.7 113.5
 200 31.0 23.9 35.9



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

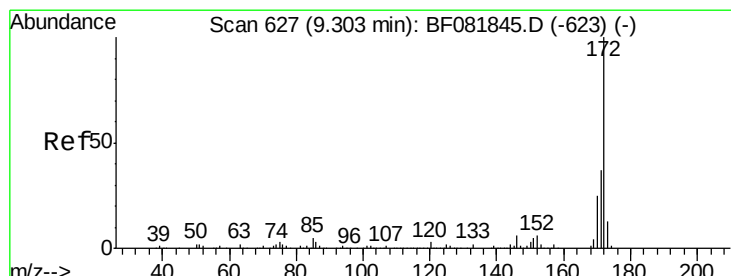
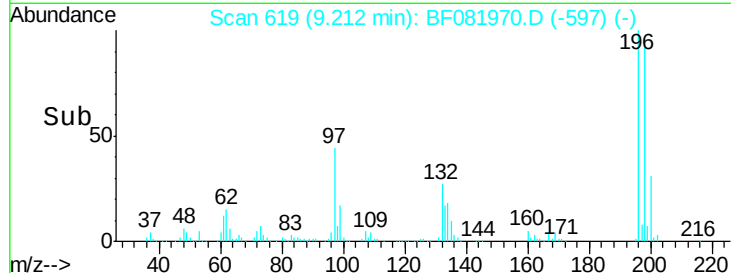
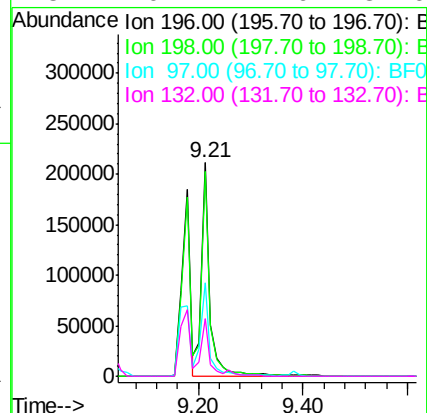
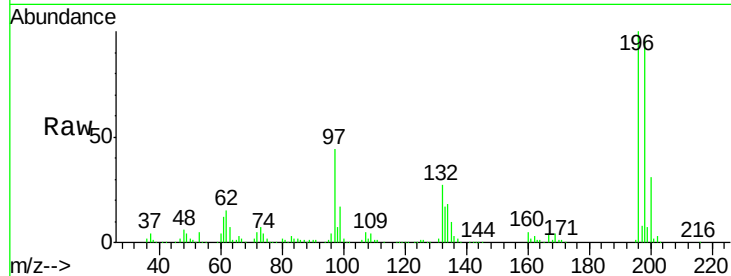




#43
 2,4,5-Trichlorophenol
 Concen: 41.44 ng
 RT: 9.21 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

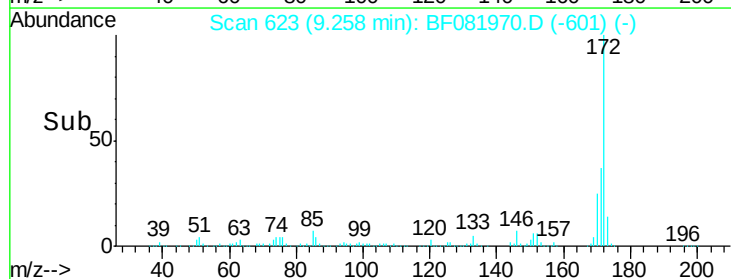
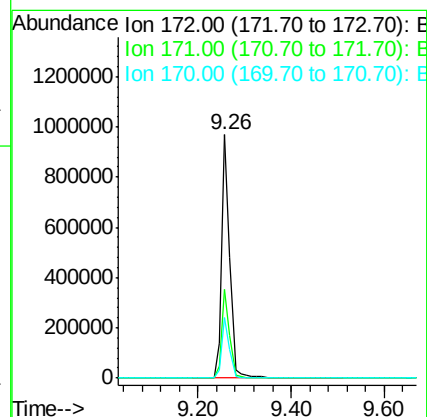
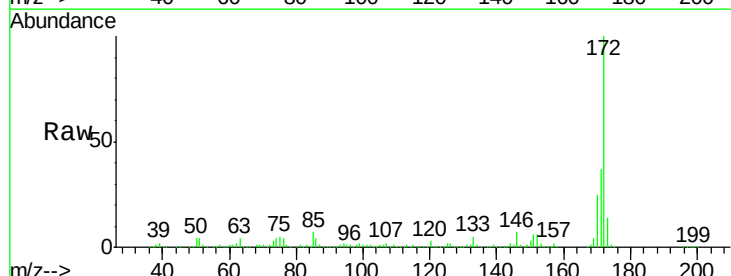
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

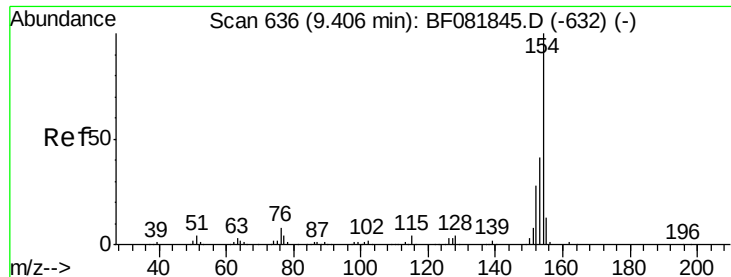
Tgt Ion:196 Resp: 239184
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.4 113.0
 97 43.6 33.3 49.9
 132 26.7 24.6 37.0



#44
 2-Fluorobiphenyl
 Concen: 69.71 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:172 Resp: 1150521
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 25.0 17.4 26.2





#45

1,1'-Biphenyl

Concen: 36.71 ng

RT: 9.36 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

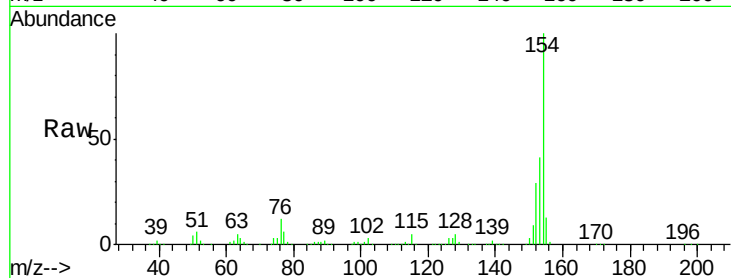
Tgt Ion:154 Resp: 755201

Ion Ratio Lower Upper

154 100

153 40.7 17.1 57.1

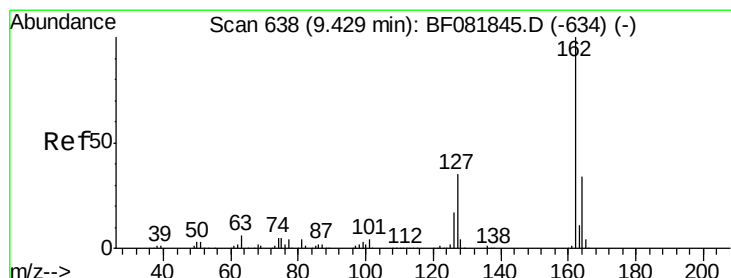
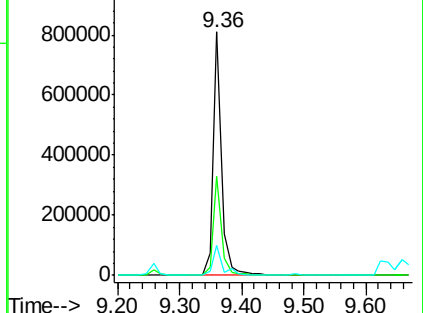
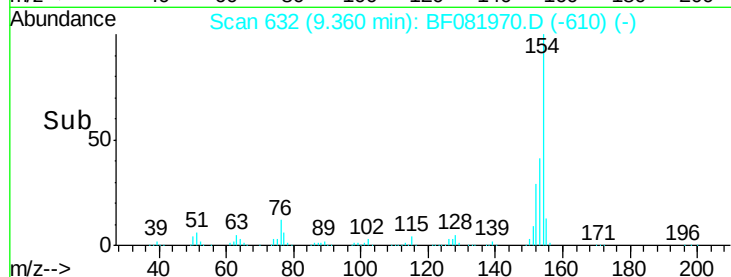
76 12.2 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 35.47 ng

RT: 9.38 min Scan# 634

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

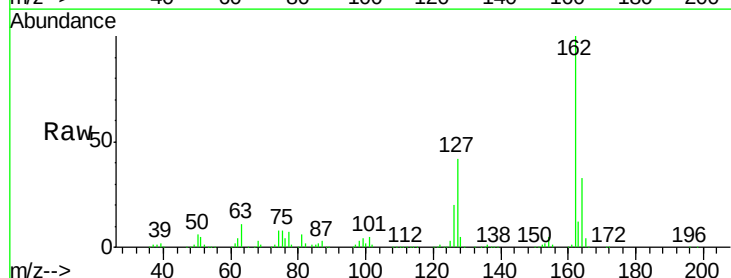
Tgt Ion:162 Resp: 573030

Ion Ratio Lower Upper

162 100

127 41.8 27.6 41.4#

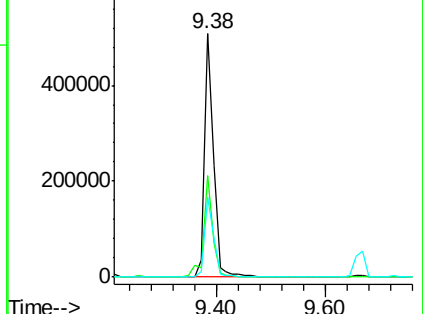
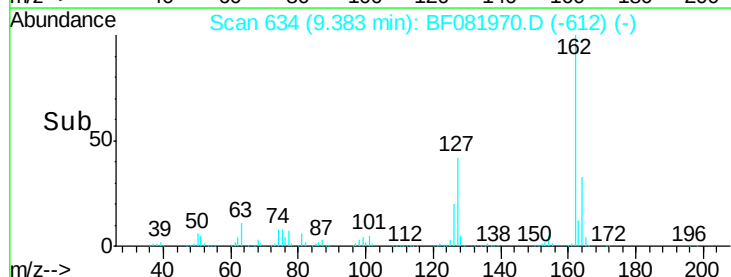
164 32.6 25.4 38.2

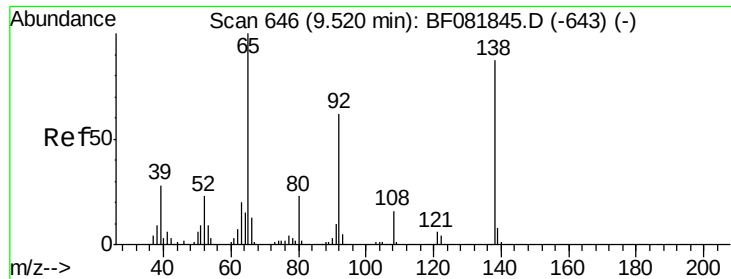


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

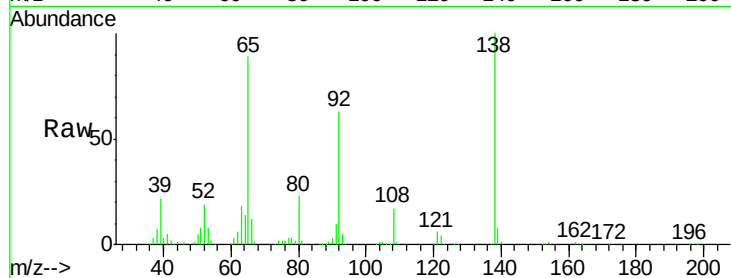




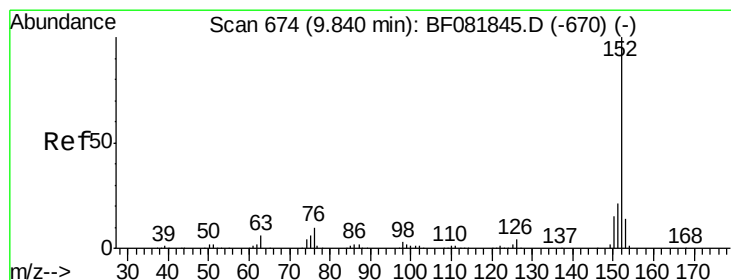
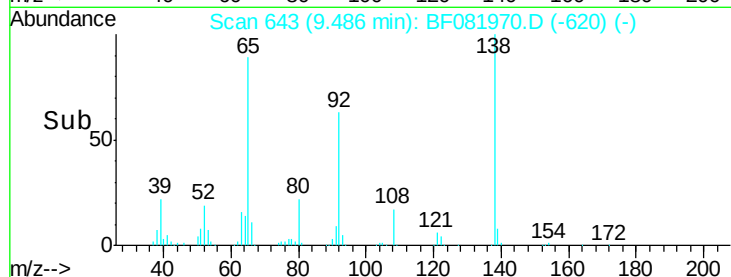
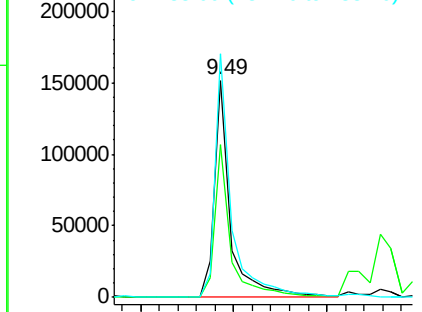
#47
2-Nitroaniline
Concen: 38.44 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 65 Resp: 182310
Ion Ratio Lower Upper
65 100
92 70.6 55.4 83.0
138 112.1 115.5 173.3#

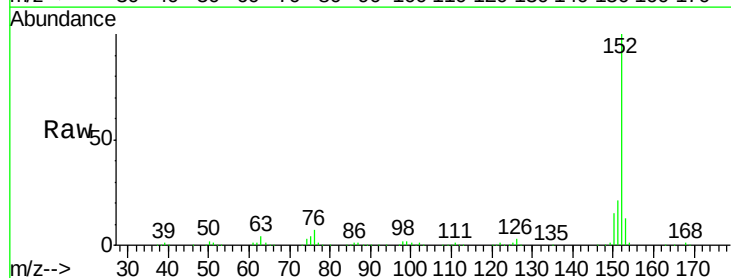


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

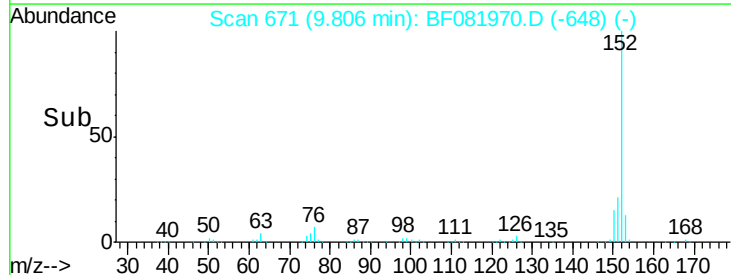
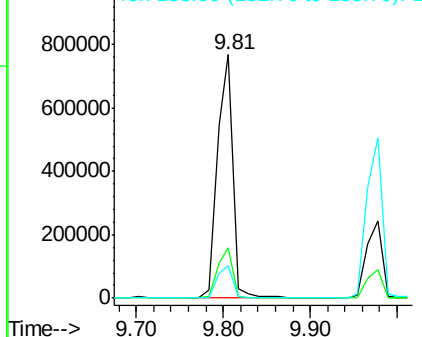


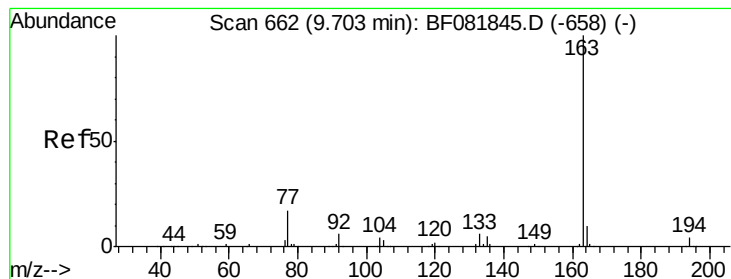
#48
Acenaphthylene
Concen: 37.26 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion: 152 Resp: 963329
Ion Ratio Lower Upper
152 100
151 20.6 14.6 22.0
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 38.42 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

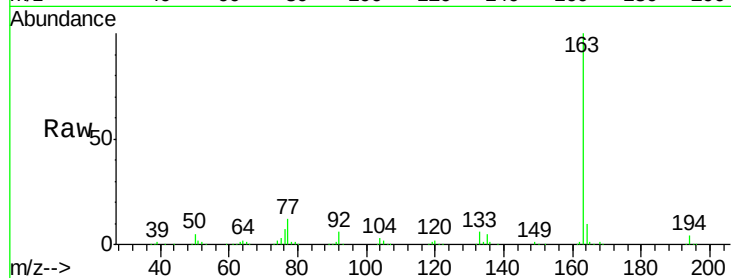
Tgt Ion:163 Resp: 707218

Ion Ratio Lower Upper

163 100

194 4.0 4.4 6.6#

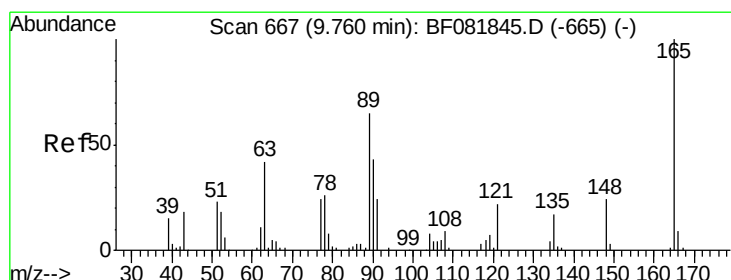
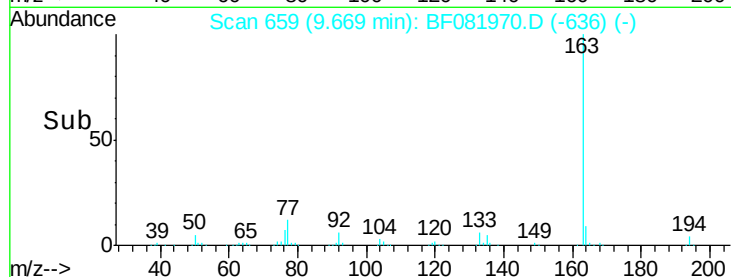
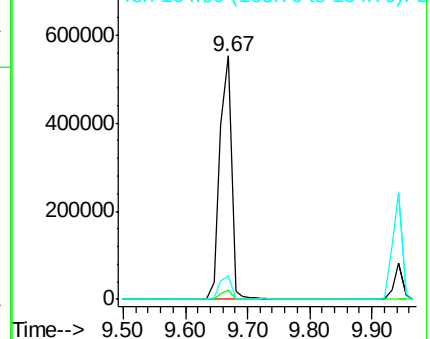
164 9.9 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.59 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

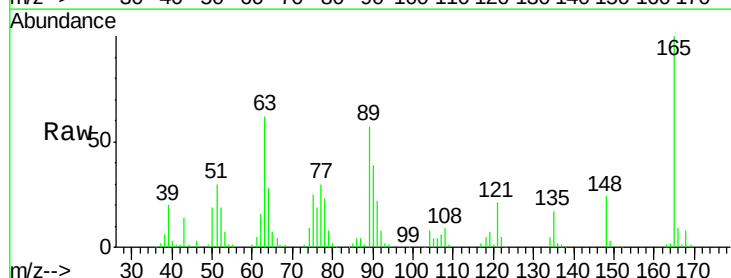
Tgt Ion:165 Resp: 146214

Ion Ratio Lower Upper

165 100

63 62.1 32.3 48.5#

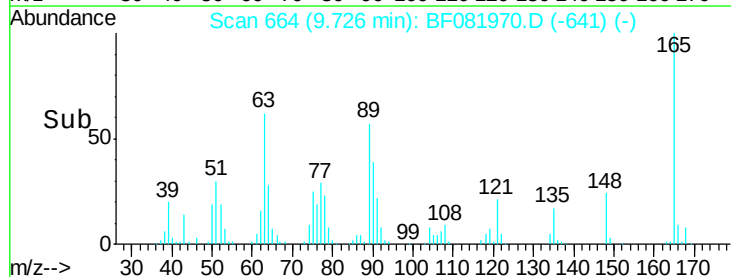
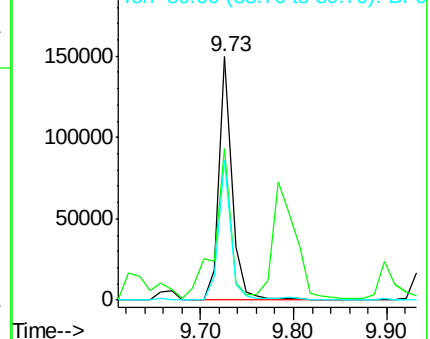
89 57.4 28.6 43.0#

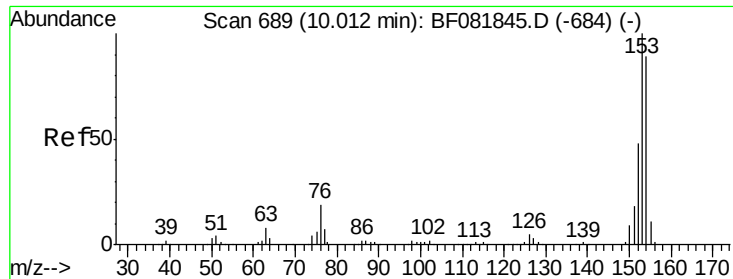


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.36 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

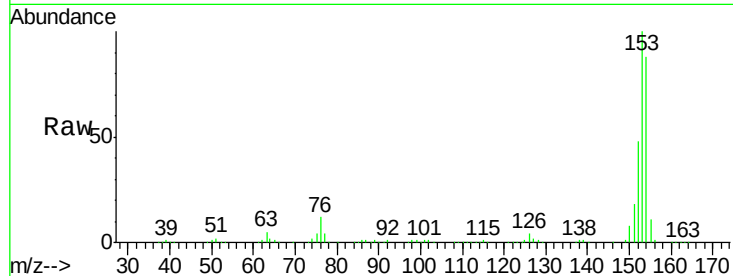
Tgt Ion:154 Resp: 588904

Ion Ratio Lower Upper

154 100

153 113.0 82.1 123.1

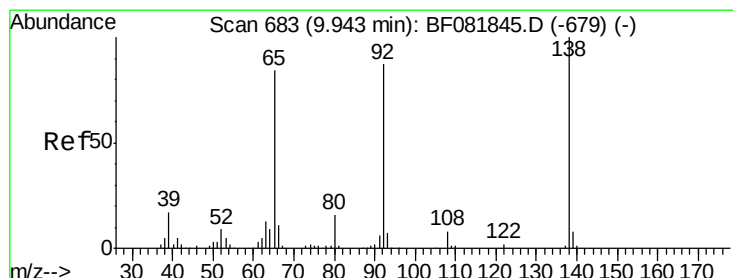
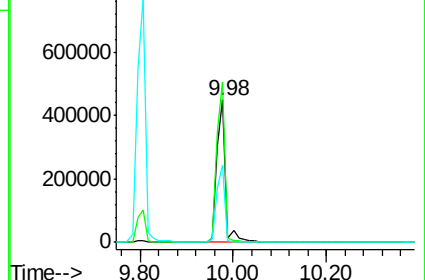
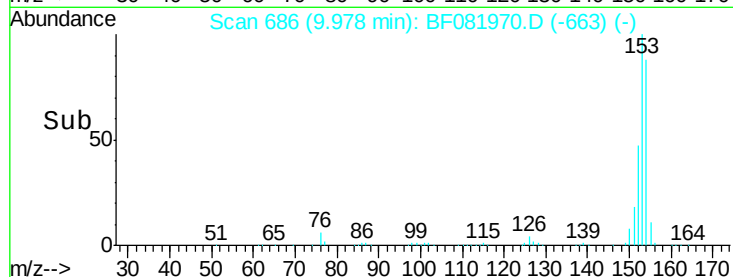
152 54.0 37.9 56.9



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: 38.59 ng

RT: 9.90 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

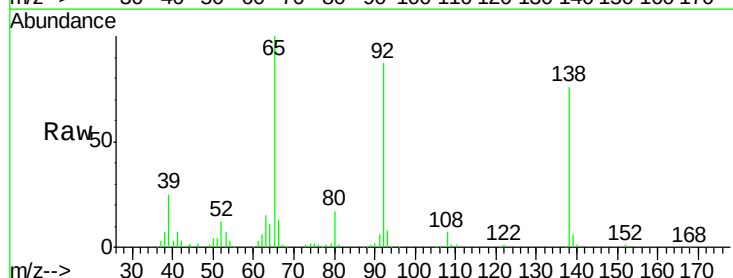
Tgt Ion:138 Resp: 178452

Ion Ratio Lower Upper

138 100

108 9.7 5.7 8.5#

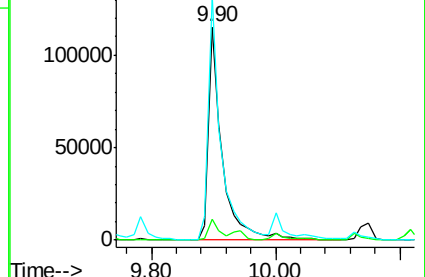
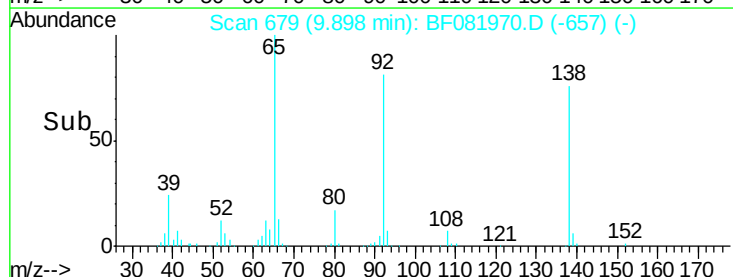
92 114.3 67.7 101.5#

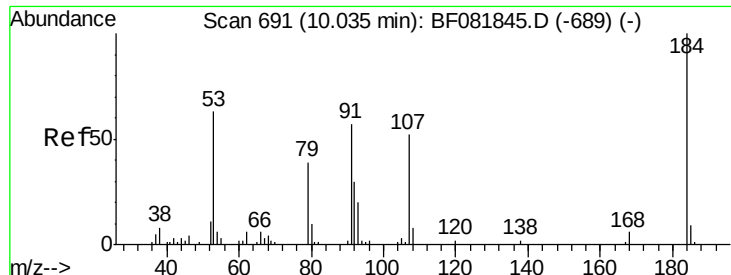


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

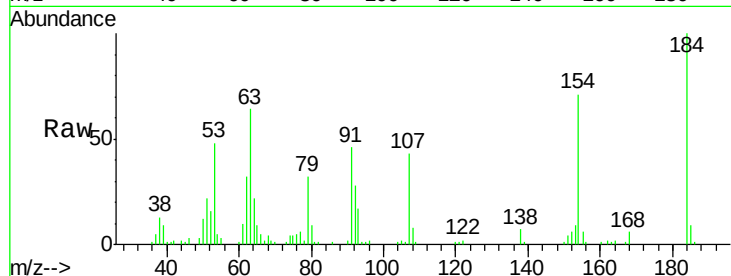




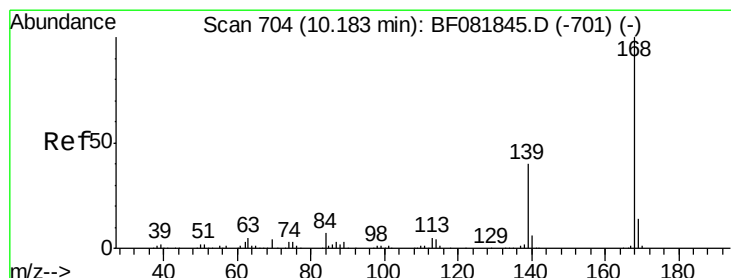
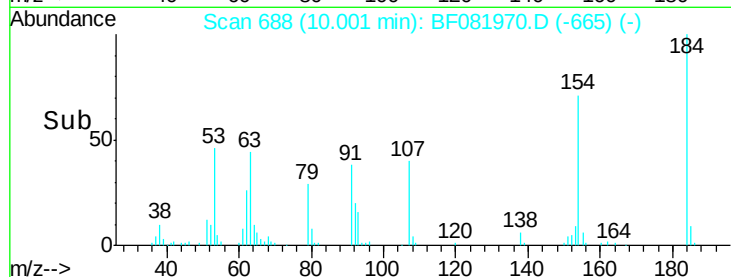
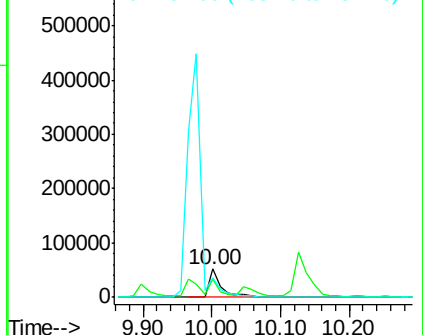
#53
2,4-Dinitrophenol
Concen: 48.55 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 68823
Ion Ratio Lower Upper
184 100
63 64.4 35.4 53.2#
154 70.9 32.2 48.4#

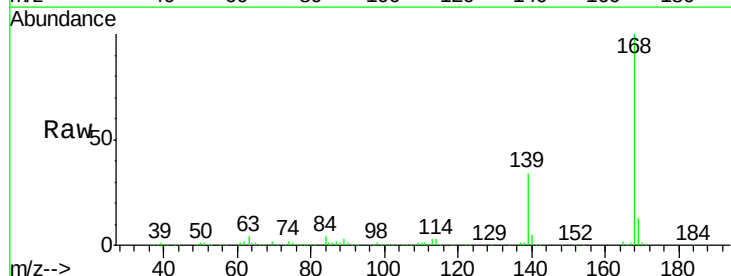


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

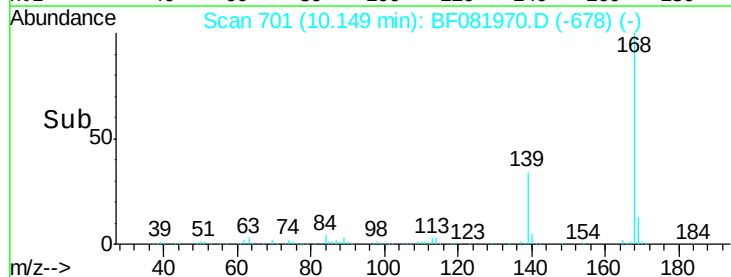
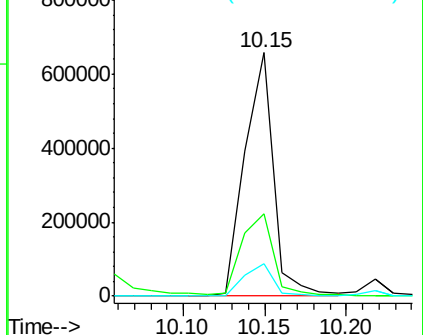


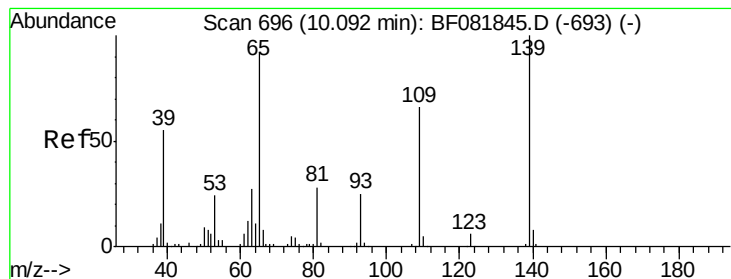
#54
Dibenzofuran
Concen: 36.93 ng
RT: 10.15 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:168 Resp: 801343
Ion Ratio Lower Upper
168 100
139 34.0 24.2 36.2
169 13.1 10.6 15.8



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: 33.10 ng

RT: 10.06 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

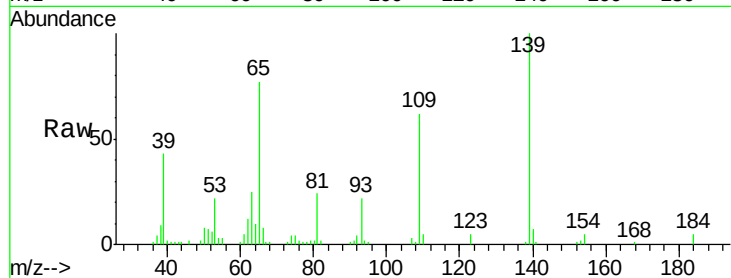
Tgt Ion:139 Resp: 110590

Ion Ratio Lower Upper

139 100

109 61.6 12.7 52.7#

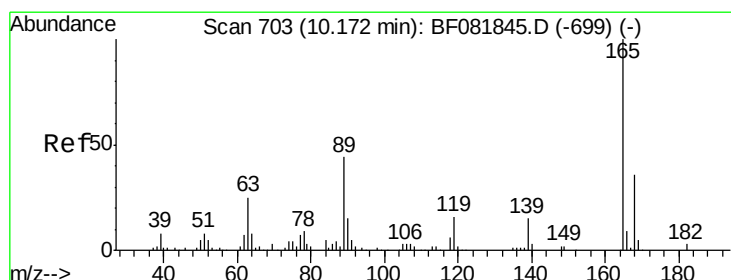
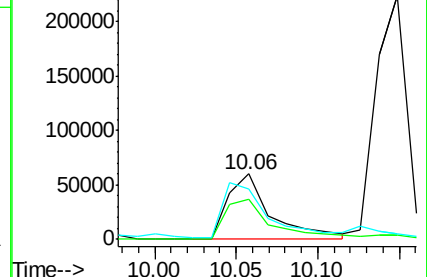
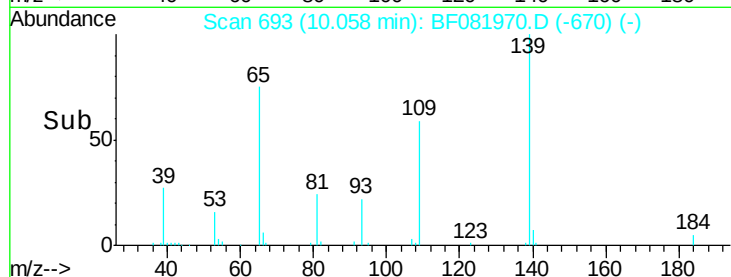
65 77.4 45.9 85.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.76 ng

RT: 10.13 min Scan# 699

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Tgt Ion:165 Resp: 192366

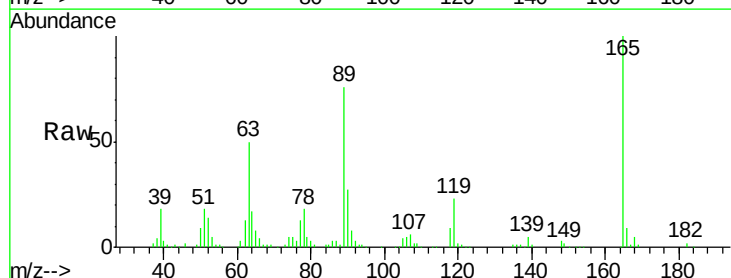
Ion Ratio Lower Upper

165 100

63 49.7 29.8 44.6#

89 76.1 44.5 66.7#

182 2.2 3.0 4.4#

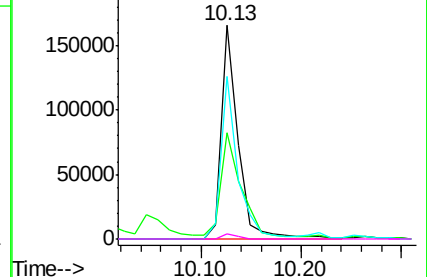
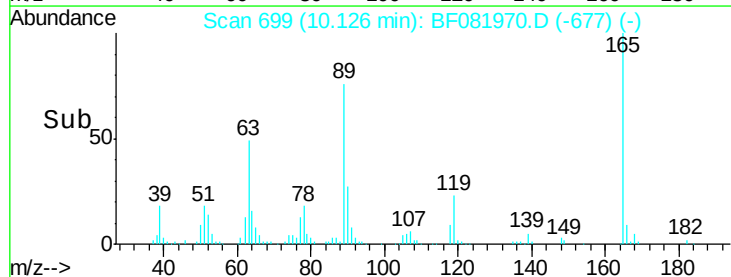


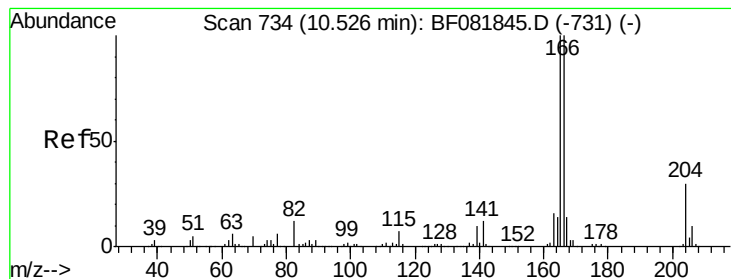
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.73 ng

RT: 10.49 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

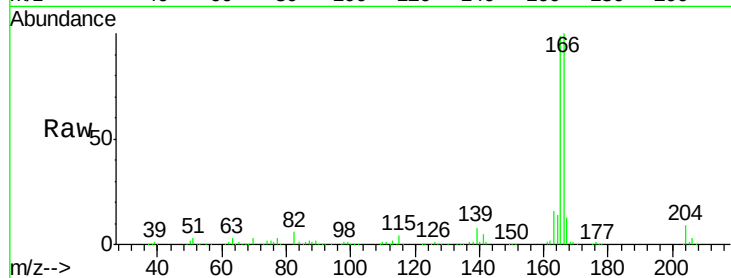
Tgt Ion:166 Resp: 635167

Ion Ratio Lower Upper

166 100

165 99.3 72.6 109.0

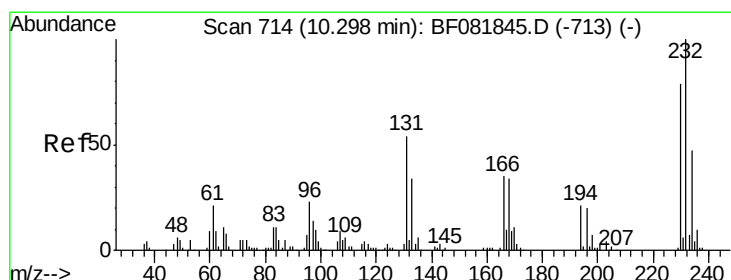
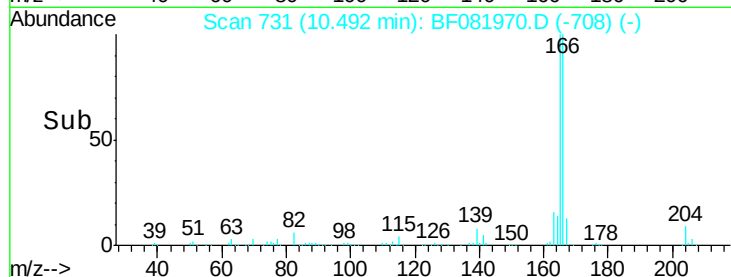
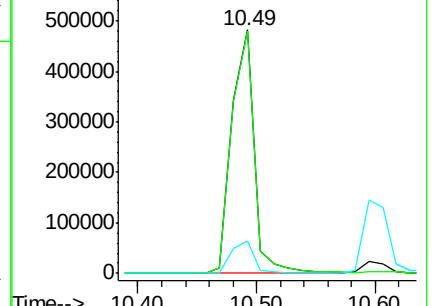
167 13.2 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.99 ng

RT: 10.26 min Scan# 711

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Tgt Ion:232 Resp: 192252

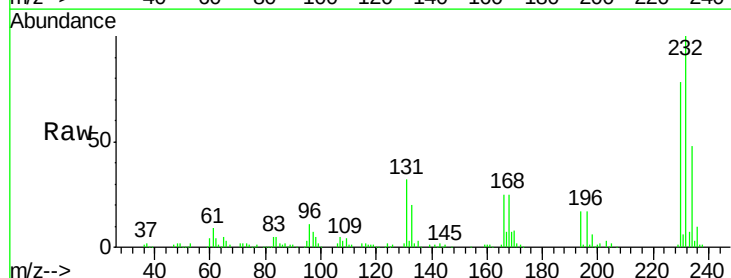
Ion Ratio Lower Upper

232 100

131 37.7 38.5 57.7#

130 1.8 1.8 2.6

166 27.0 25.0 37.6

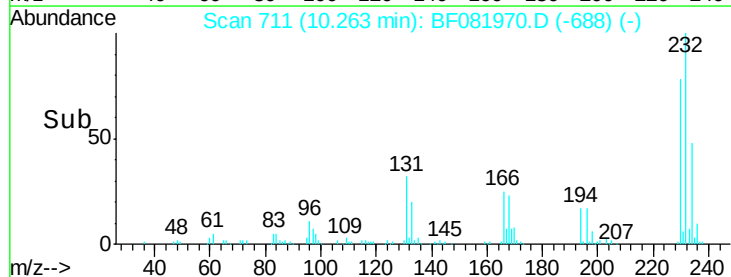
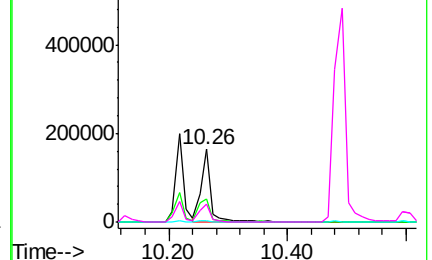


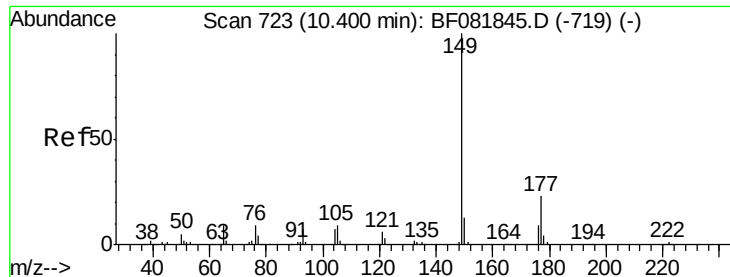
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

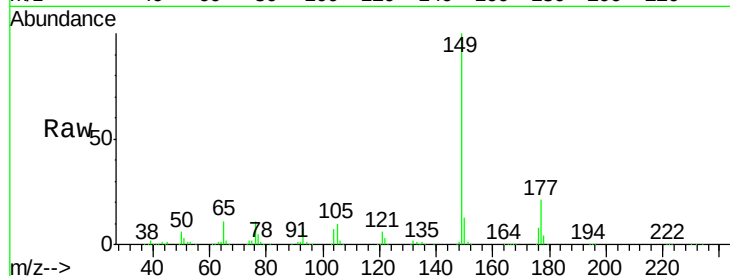




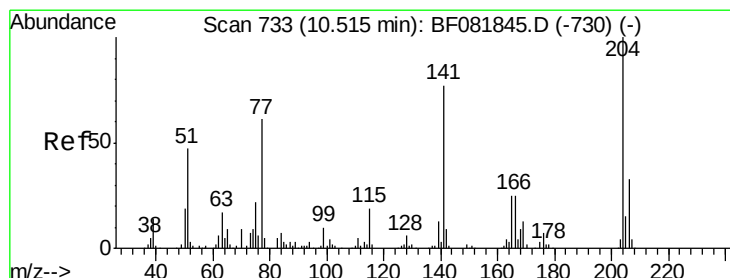
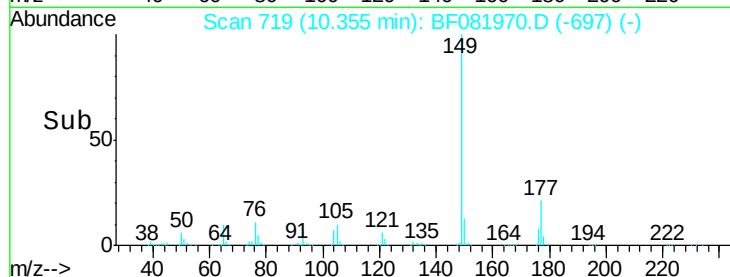
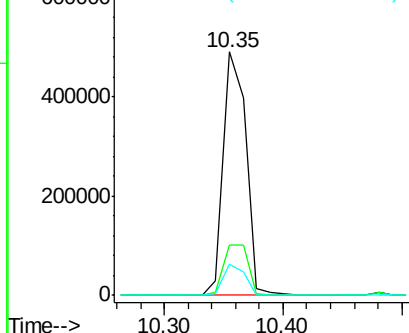
#59
Diethylphthalate
Concen: 37.68 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 647819
Ion Ratio Lower Upper
149 100
177 20.7 17.5 26.3
150 13.0 9.4 14.2

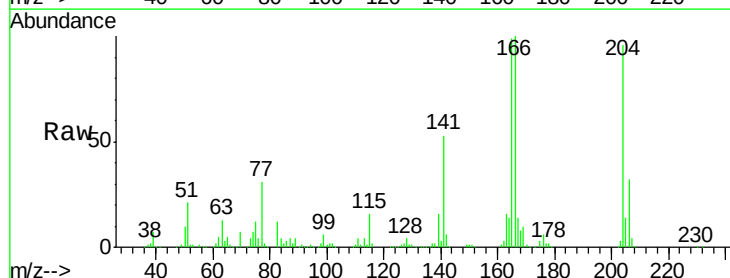


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

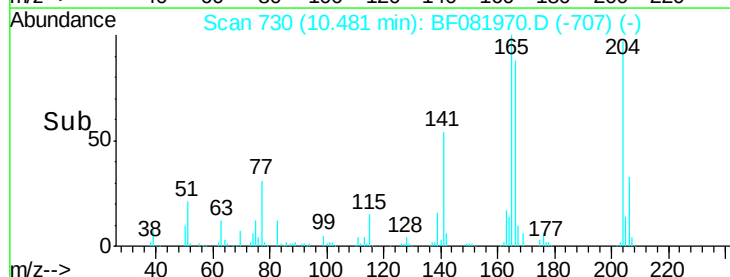
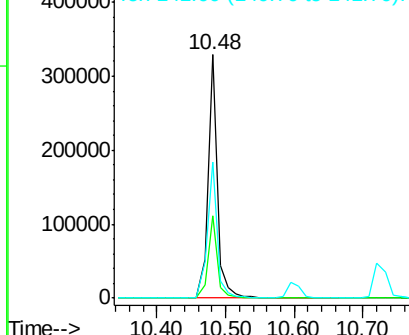


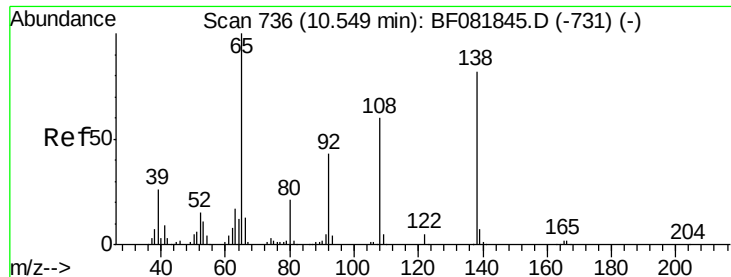
#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:204 Resp: 311009
Ion Ratio Lower Upper
204 100
206 33.6 24.8 37.2
141 55.8 42.2 63.4



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

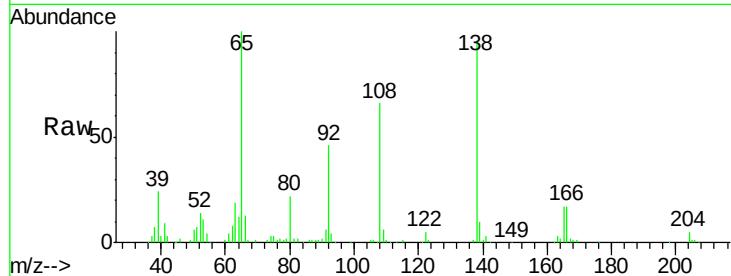




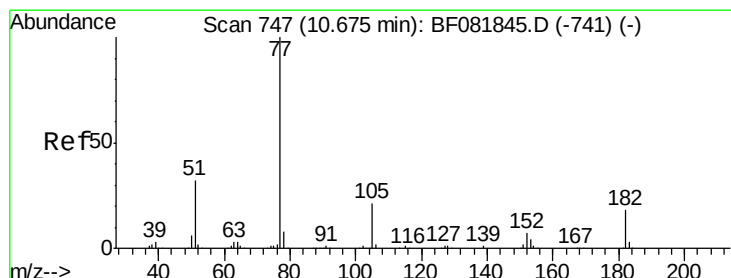
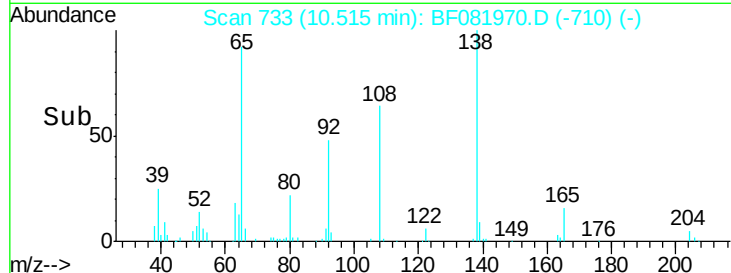
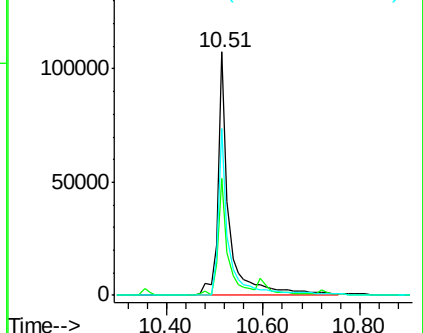
#61
4-Nitroaniline
Concen: 38.01 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 138 Resp: 176233
Ion Ratio Lower Upper
138 100
92 48.1 12.6 52.6
108 68.7 12.4 52.4#

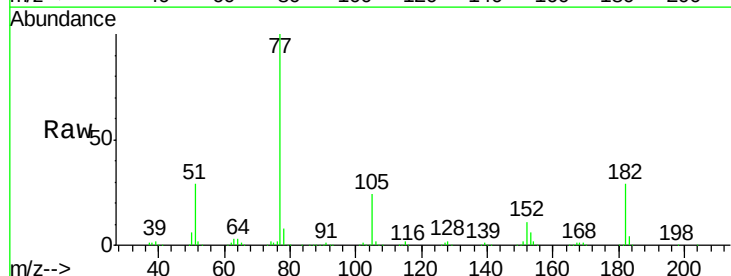


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

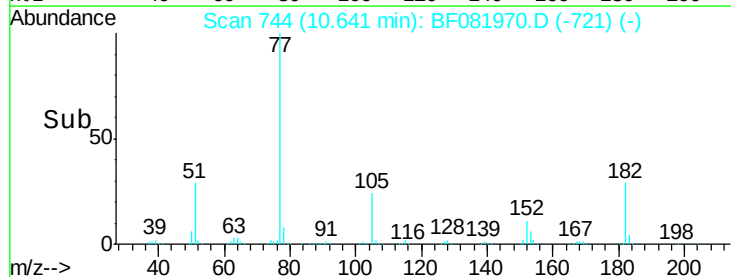
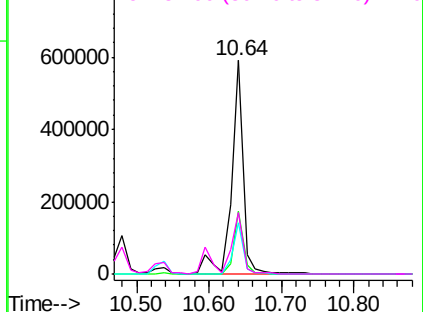


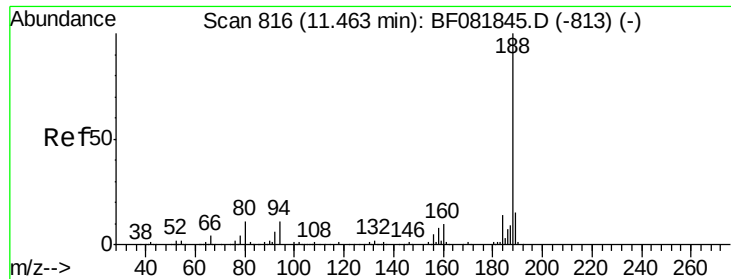
#62
Azobenzene
Concen: 39.11 ng
RT: 10.64 min Scan# 744
Delta R.T. -0.03 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion: 77 Resp: 656290
Ion Ratio Lower Upper
77 100
182 29.3 15.1 55.1
105 24.1 3.4 43.4
51 28.6 12.0 52.0



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: 11.42 min Scan# 812

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

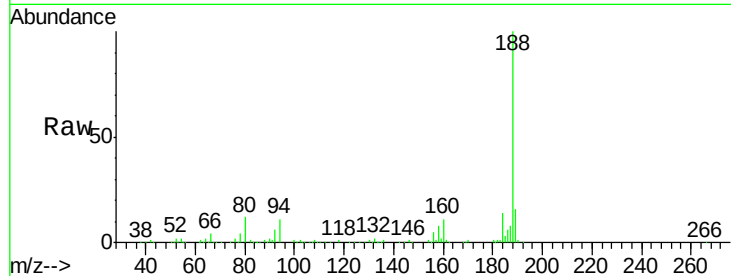
Tgt Ion:188 Resp: 505296

Ion Ratio Lower Upper

188 100

94 11.4 11.1 16.7

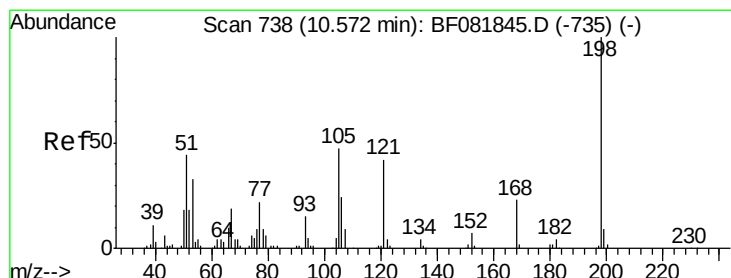
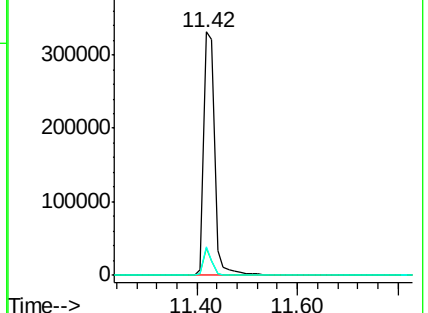
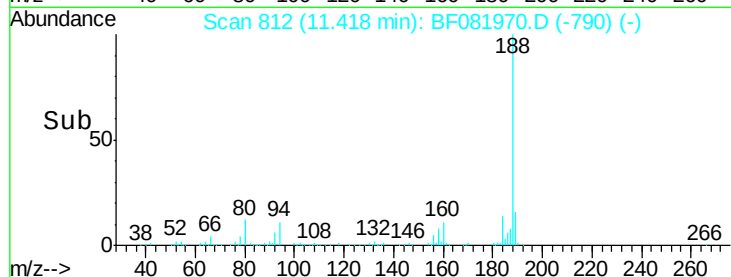
80 12.0 11.0 16.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 47.51 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

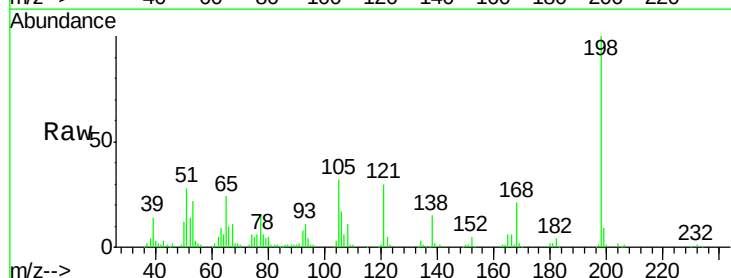
Tgt Ion:198 Resp: 108681

Ion Ratio Lower Upper

198 100

51 28.2 39.6 79.6#

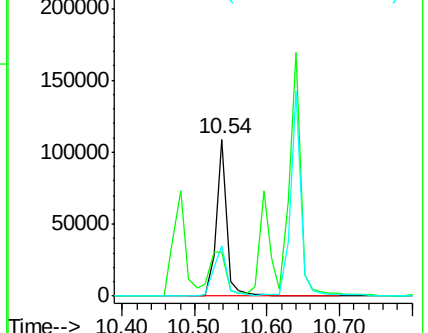
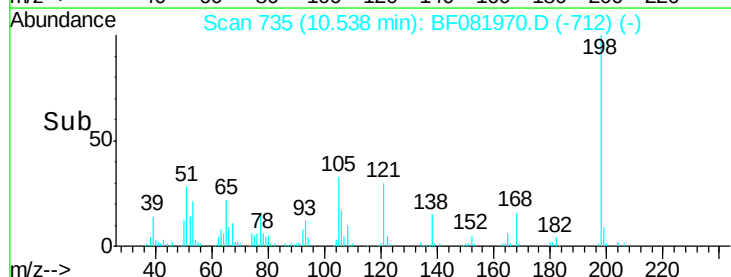
105 32.3 28.5 68.5

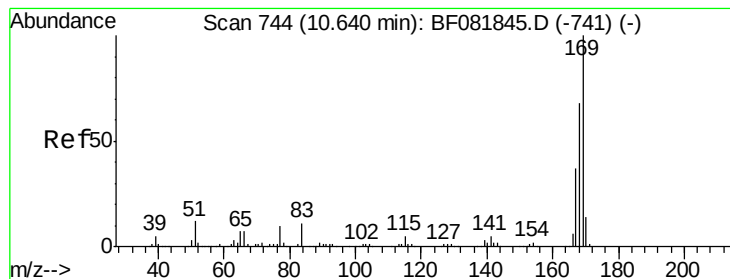


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

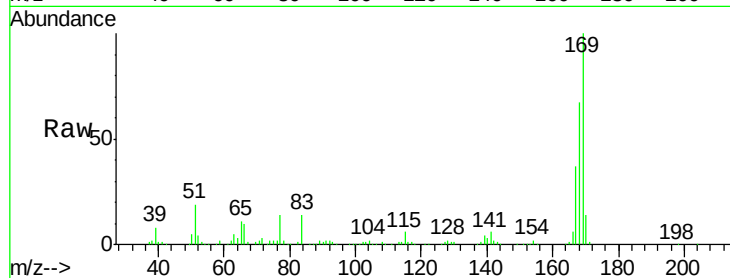




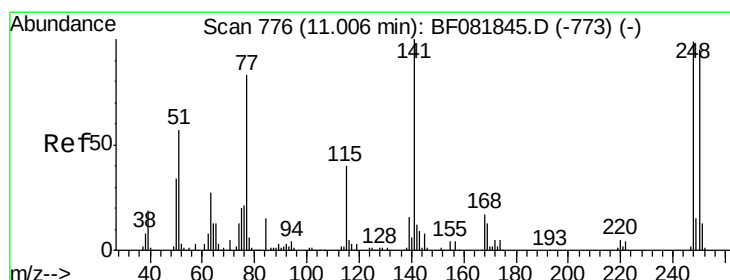
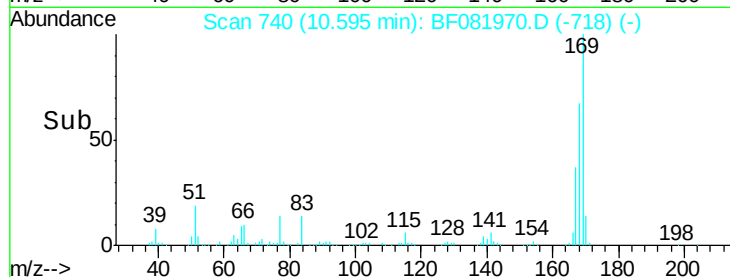
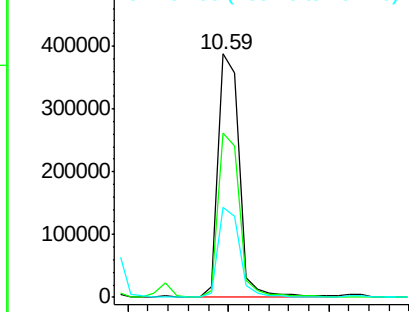
#65
 n-Nitrosodiphenylamine
 Concen: 37.27 ng
 RT: 10.59 min Scan# 740
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:169 Resp: 569832
 Ion Ratio Lower Upper
 169 100
 168 67.4 48.9 73.3
 167 37.2 26.2 39.4

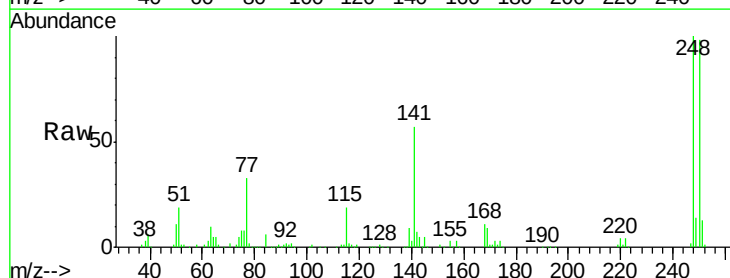


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

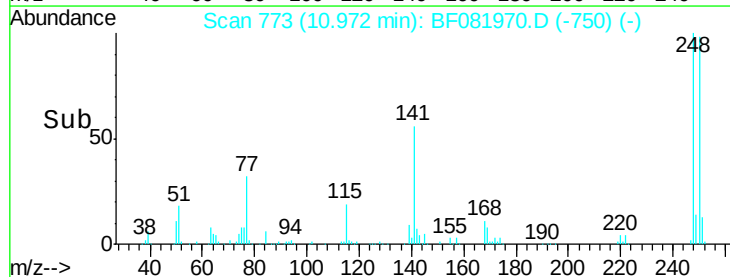
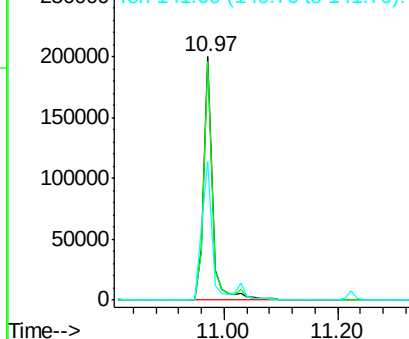


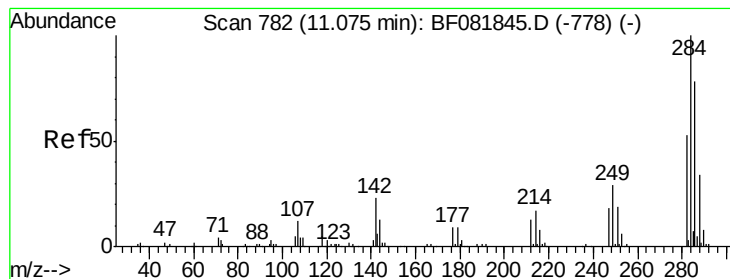
#66
 4-Bromophenyl-phenylether
 Concen: 40.90 ng
 RT: 10.97 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:248 Resp: 208402
 Ion Ratio Lower Upper
 248 100
 250 97.8 78.5 117.7
 141 57.1 59.0 88.6#



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





#67

Hexachlorobenzene

Concen: 35.82 ng

RT: 11.03 min Scan# 778

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

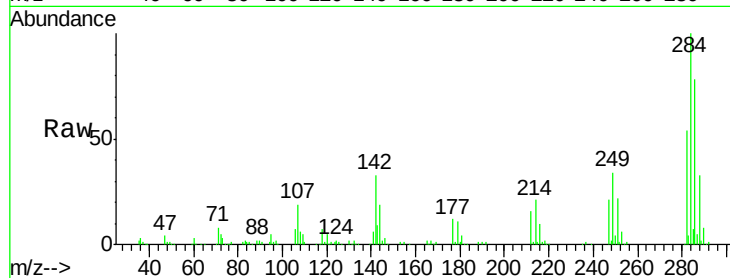
Tgt Ion:284 Resp: 205963

Ion Ratio Lower Upper

284 100

142 33.2 29.5 44.3

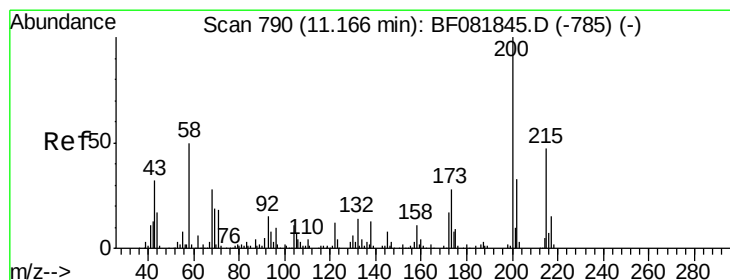
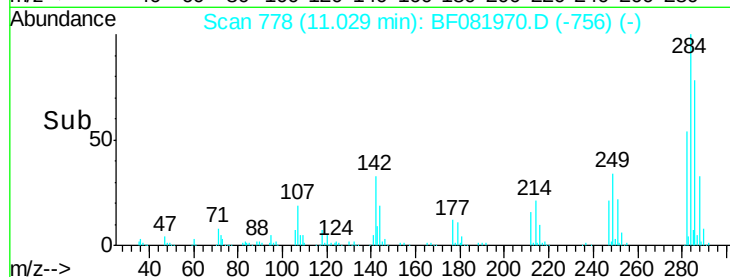
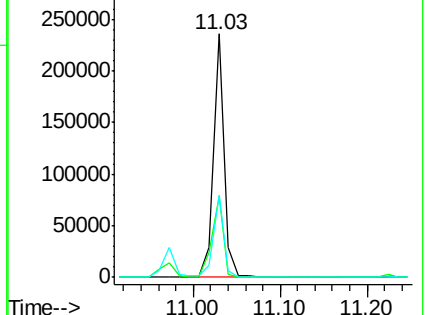
249 33.9 19.5 29.3#



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: 35.24 ng

RT: 11.12 min Scan# 786

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

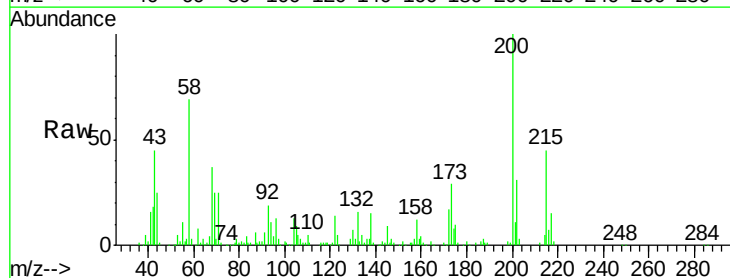
Tgt Ion:200 Resp: 167182

Ion Ratio Lower Upper

200 100

173 28.6 13.2 53.2

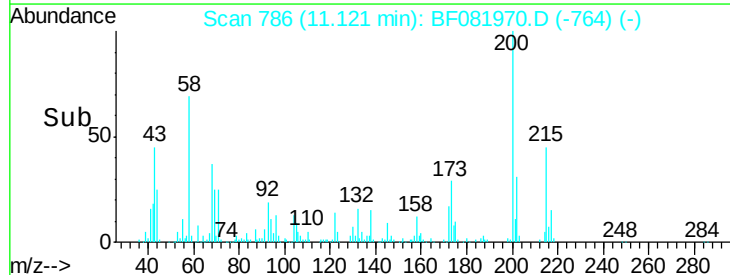
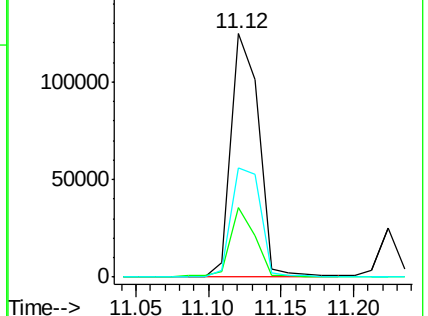
215 45.0 41.8 81.8

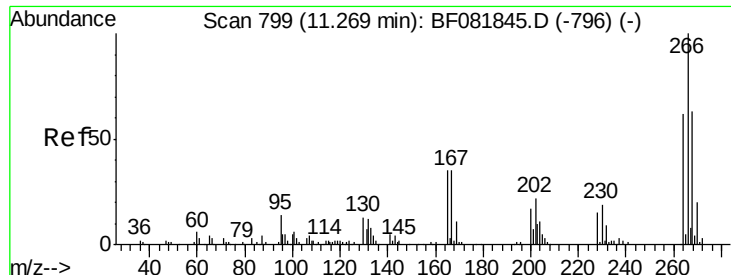


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

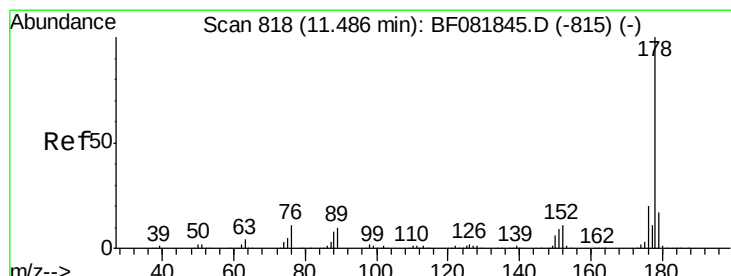
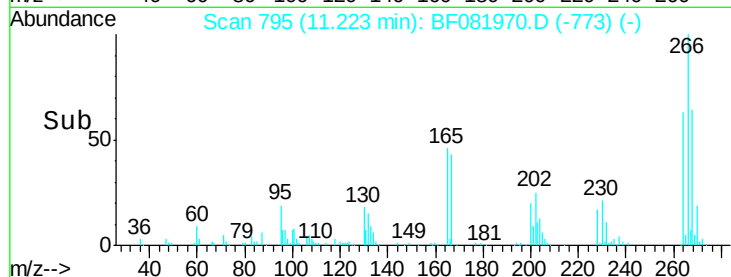
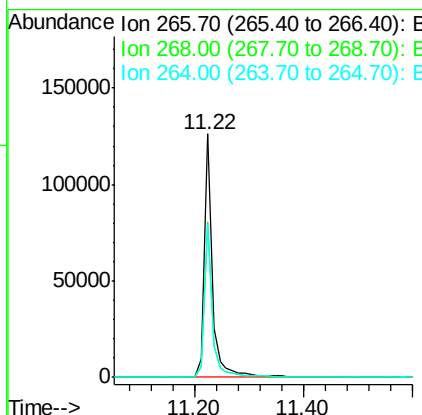
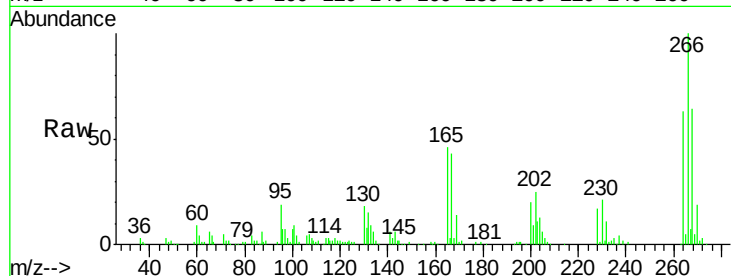




#69
 Pentachlorophenol
 Concen: 39.94 ng
 RT: 11.22 min Scan# 795
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

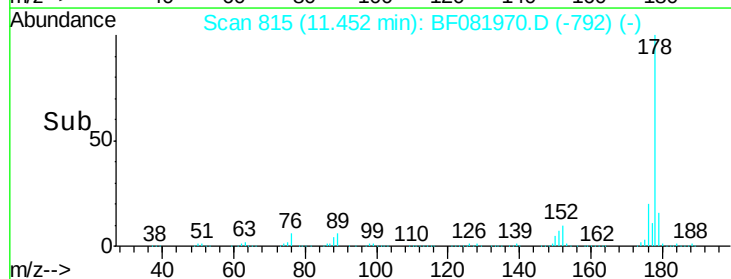
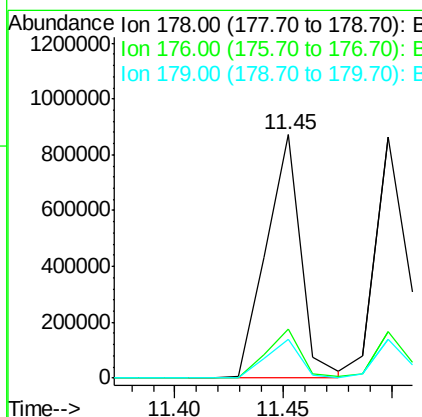
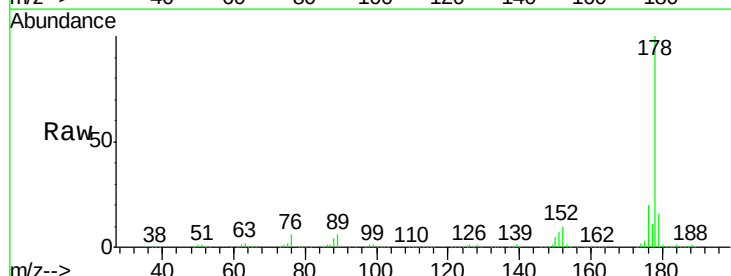
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

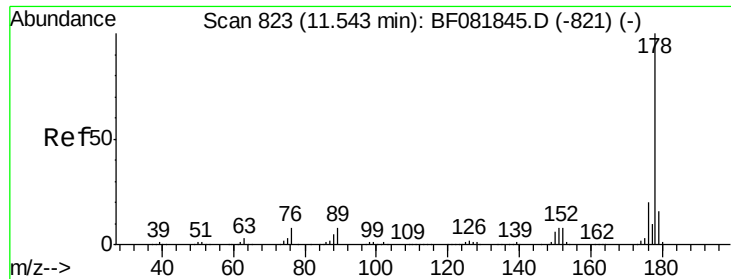
Tgt Ion:266 Resp: 130859
 Ion Ratio Lower Upper
 266 100
 268 63.6 49.8 74.6
 264 62.8 50.2 75.2



#70
 Phenanthrene
 Concen: 39.66 ng
 RT: 11.45 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:178 Resp: 969145
 Ion Ratio Lower Upper
 178 100
 176 20.2 13.8 20.8
 179 15.7 12.2 18.2

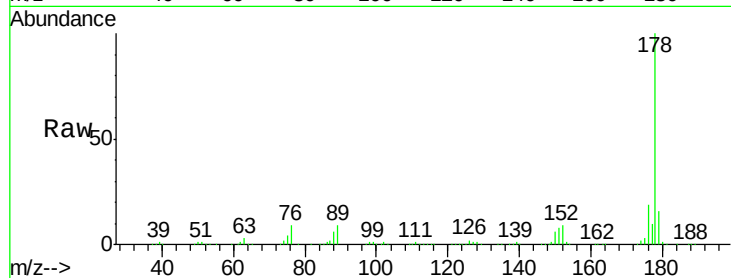




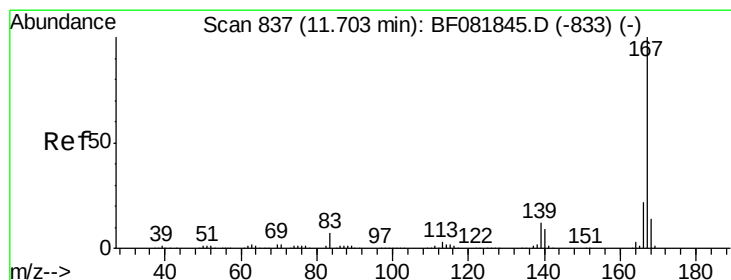
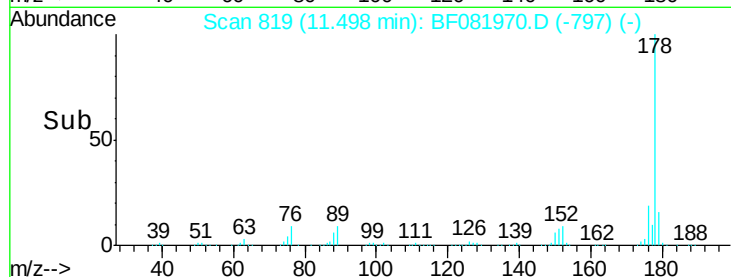
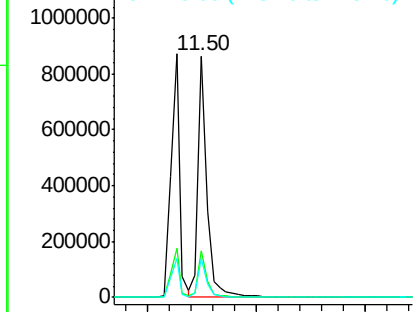
#71
 Anthracene
 Concen: 37.83 ng
 RT: 11.50 min Scan# 819
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 971564
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.1 21.1
 179 16.0 12.2 18.2

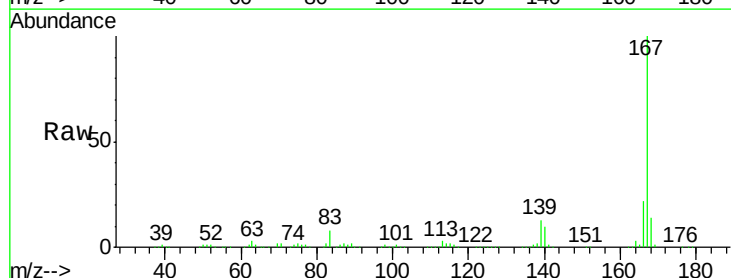


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

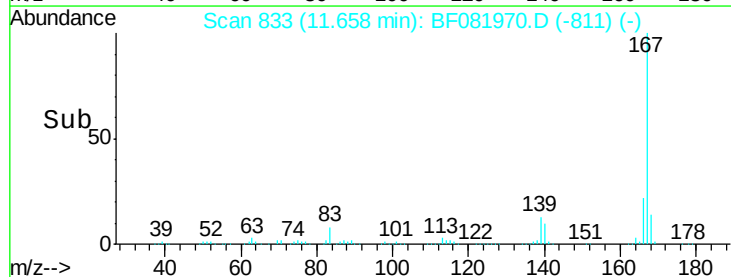
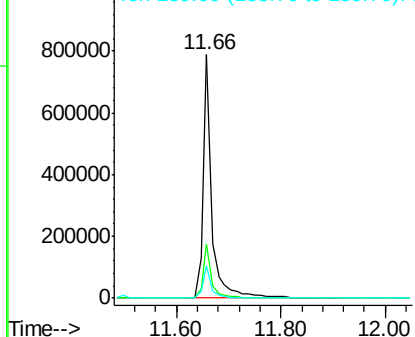


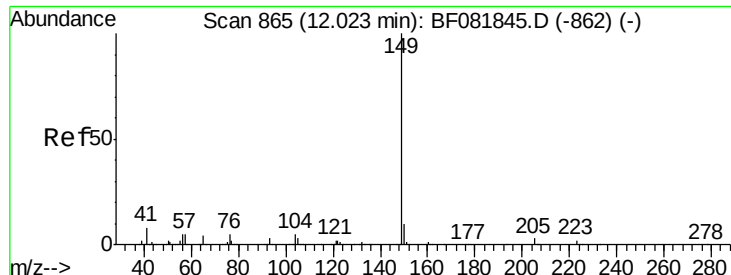
#72
 Carbazole
 Concen: 39.65 ng
 RT: 11.66 min Scan# 833
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:167 Resp: 921648
 Ion Ratio Lower Upper
 167 100
 166 22.3 15.7 23.5
 139 13.3 9.5 14.3



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

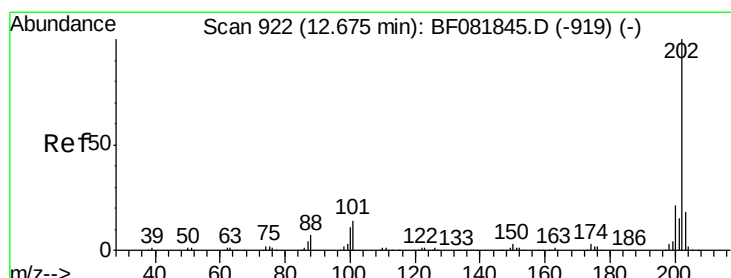
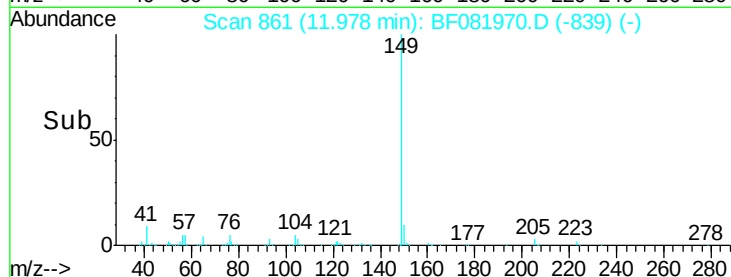
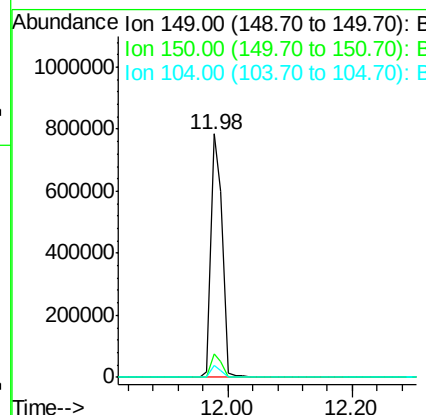
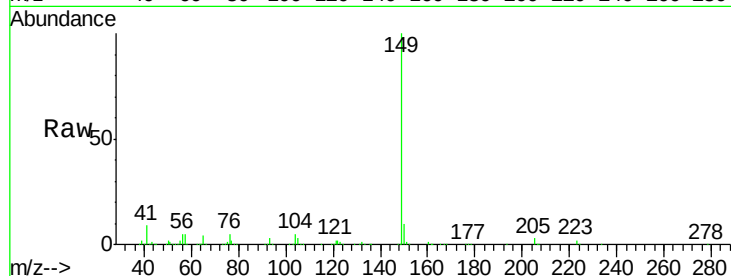




#73
Di-n-butylphthalate
Concen: 41.98 ng
RT: 11.98 min Scan# 861
Delta R.T. -0.05 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

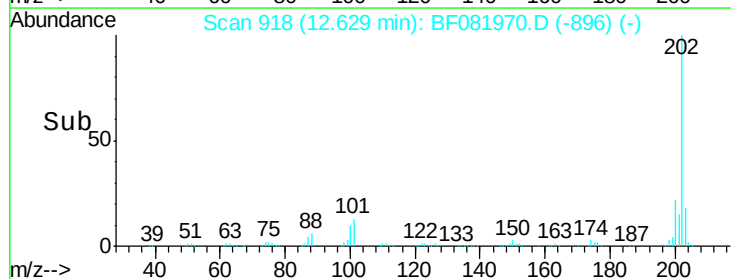
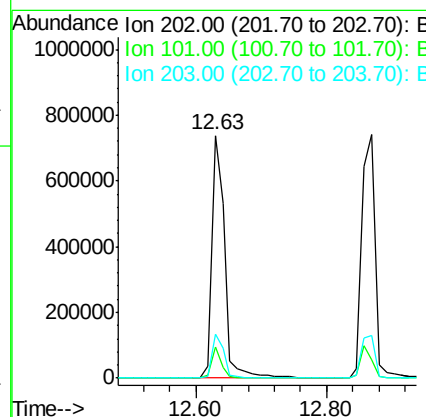
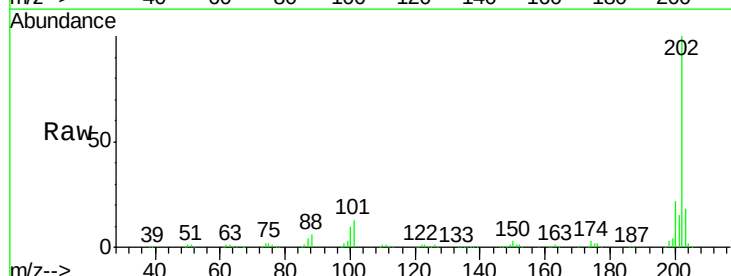
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

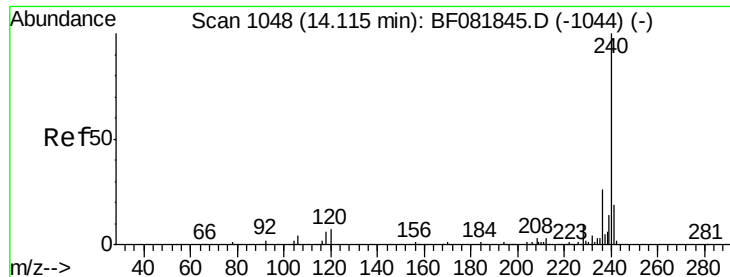
Tgt Ion:149 Resp: 996064
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.2
104 5.1 2.4 3.6#



#74
Fluoranthene
Concen: 37.09 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.05 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:202 Resp: 1003940
Ion Ratio Lower Upper
202 100
101 12.6 0.0 38.3
203 18.0 0.0 37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

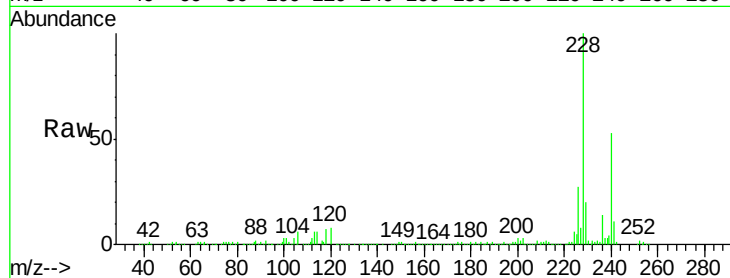
Tgt Ion:240 Resp: 429278

Ion Ratio Lower Upper

240 100

120 14.6 16.2 24.2#

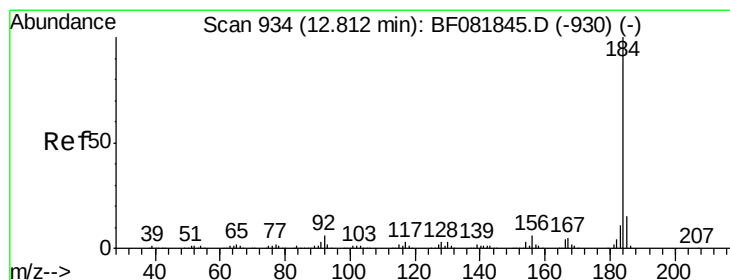
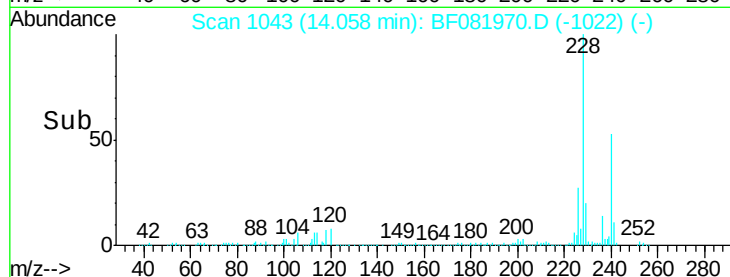
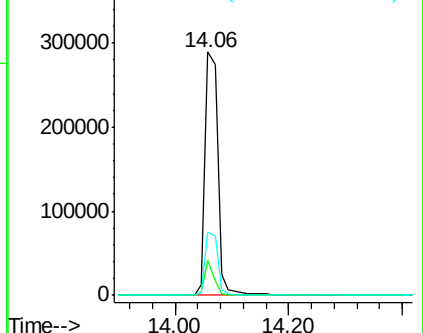
236 26.1 18.4 27.6



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: 32.91 ng

RT: 12.77 min Scan# 930

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

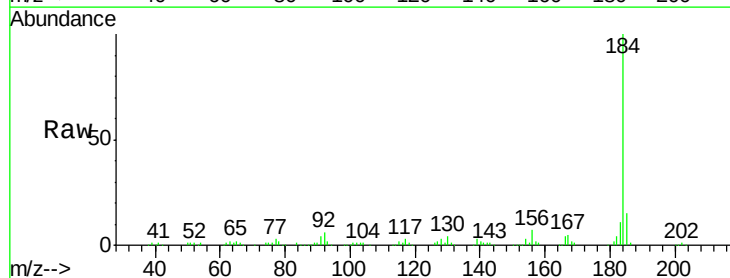
Tgt Ion:184 Resp: 425672

Ion Ratio Lower Upper

184 100

185 15.5 11.8 17.6

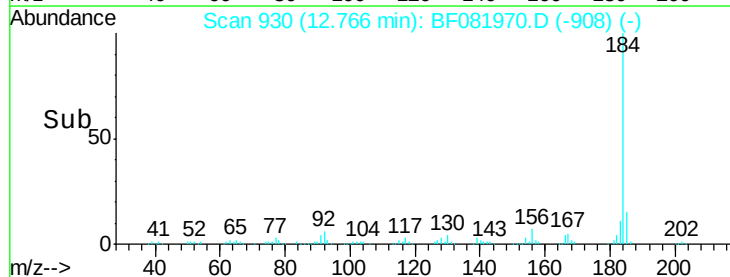
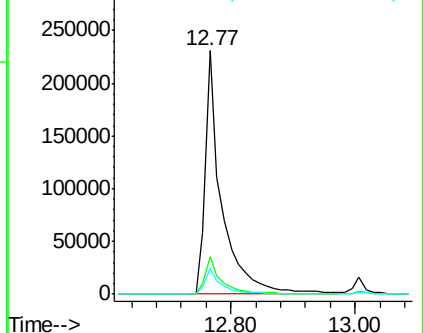
183 10.8 7.6 11.4

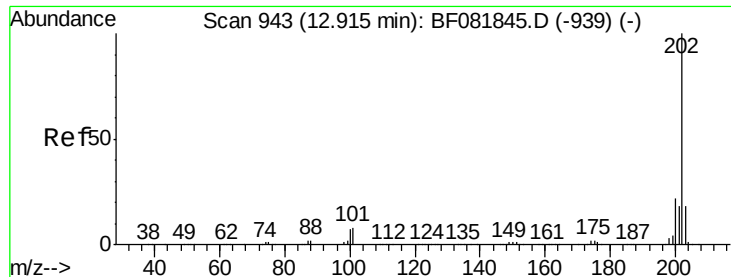


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



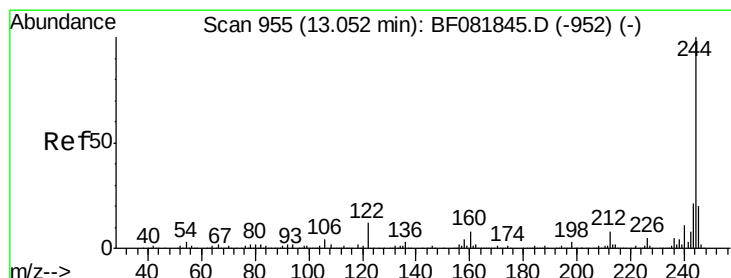
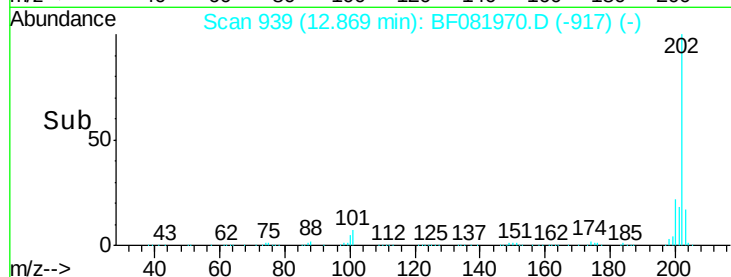
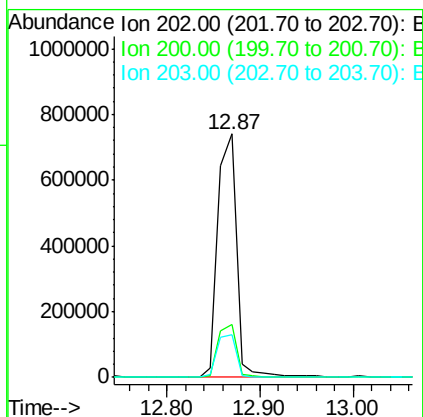
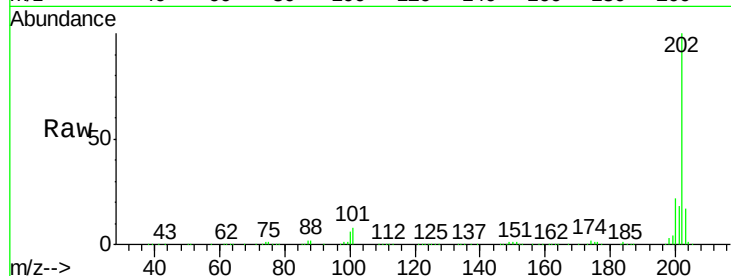


#77
Pyrene
 Concen: 40.08 ng
 RT: 12.87 min Scan# 939
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 202 Resp: 1027908

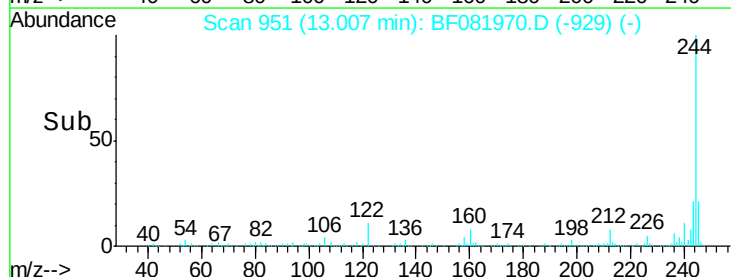
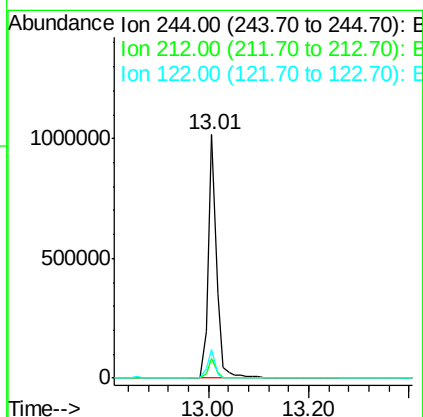
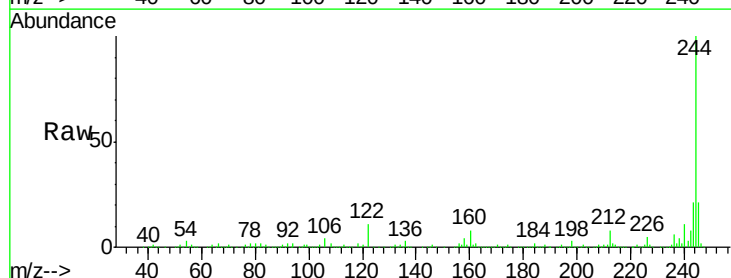
Ion	Ratio	Lower	Upper
202	100		
200	21.9	15.0	22.4
203	17.4	14.1	21.1

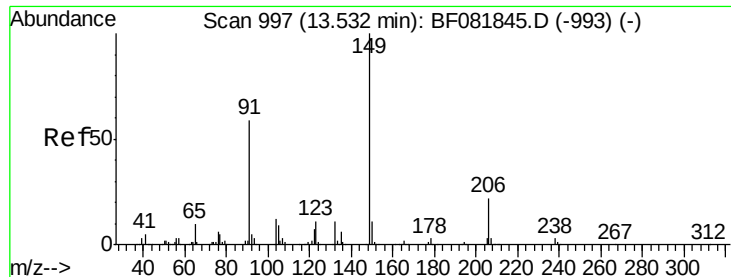


#78
Terphenyl-d14
 Concen: 88.83 ng
 RT: 13.01 min Scan# 951
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion: 244 Resp: 1166030

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.5	17.4	26.2#

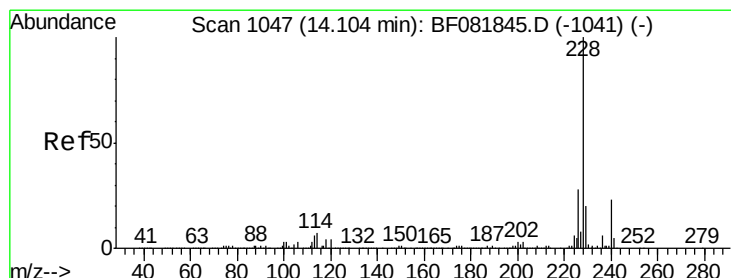
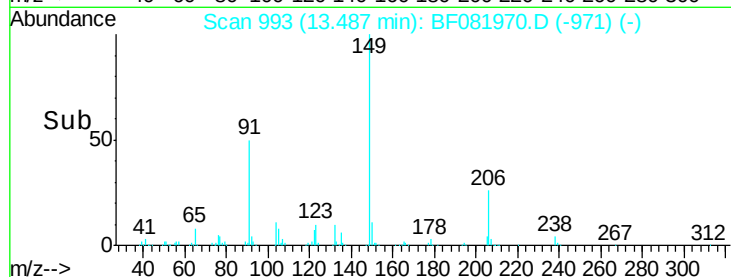
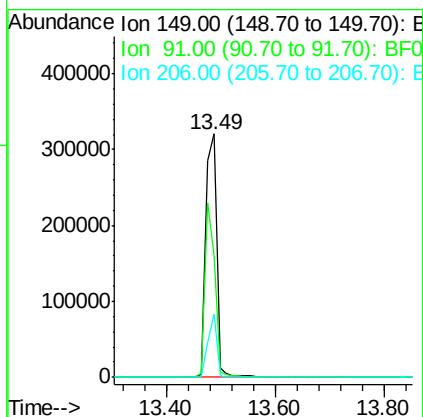
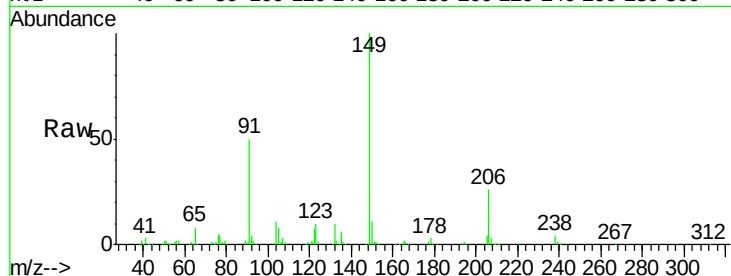




#79
Butylbenzylphthalate
Concen: 45.84 ng
RT: 13.49 min Scan# 993
Delta R.T. -0.05 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

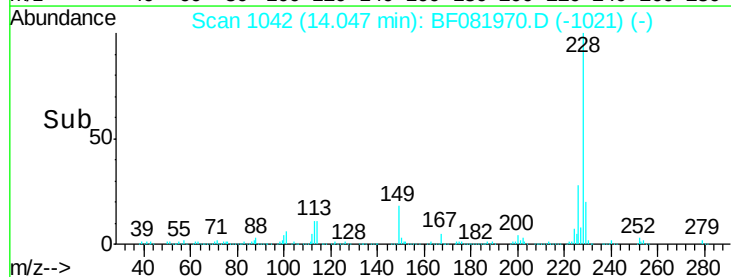
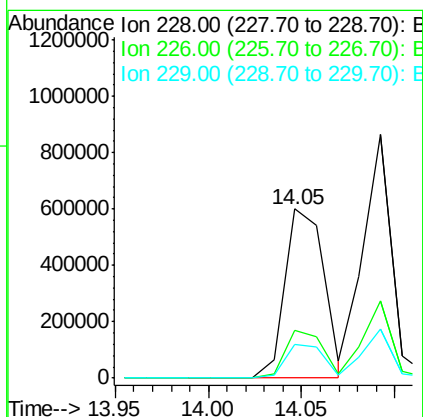
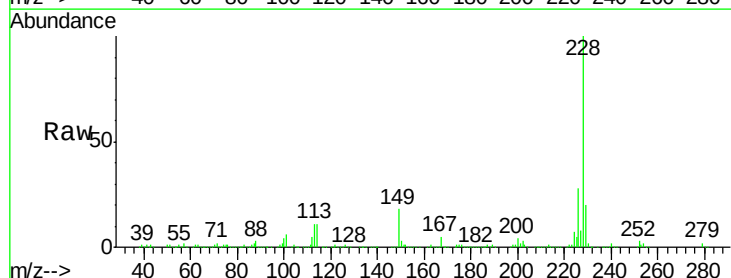
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

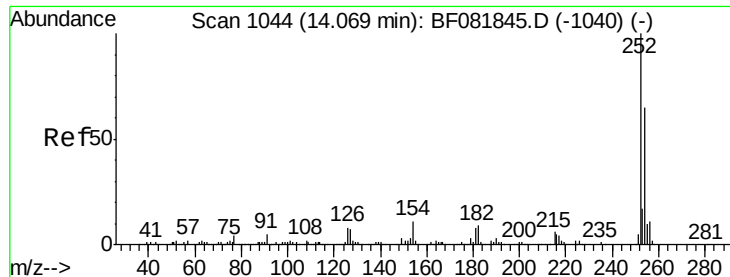
Tgt Ion:149 Resp: 442316
Ion Ratio Lower Upper
149 100
91 50.0 48.6 72.8
206 25.9 14.9 22.3#



#80
Benzo(a)anthracene
Concen: 37.61 ng
RT: 14.05 min Scan# 1042
Delta R.T. -0.06 min
Lab File: BF081970.D
Acq: 2 Oct 2015 6:46

Tgt Ion:228 Resp: 869338
Ion Ratio Lower Upper
228 100
226 28.2 20.0 30.0
229 20.3 15.4 23.2

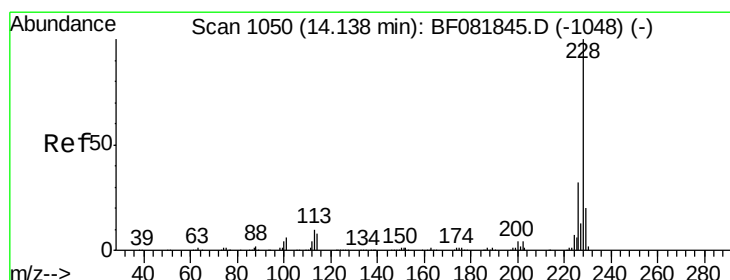
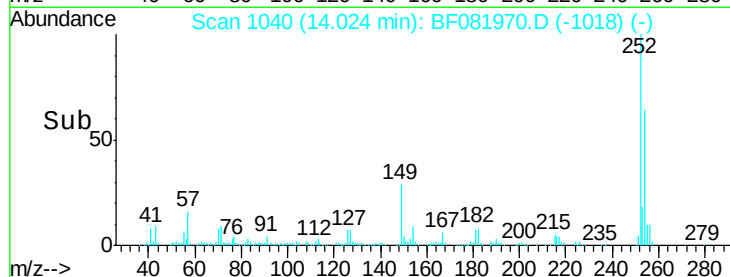
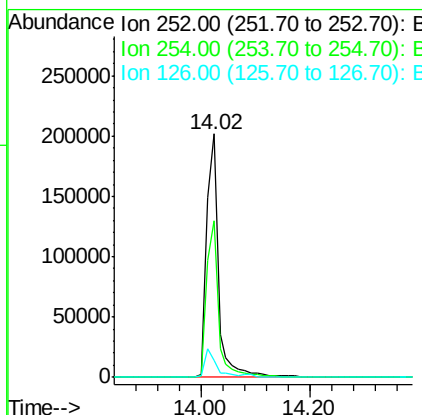
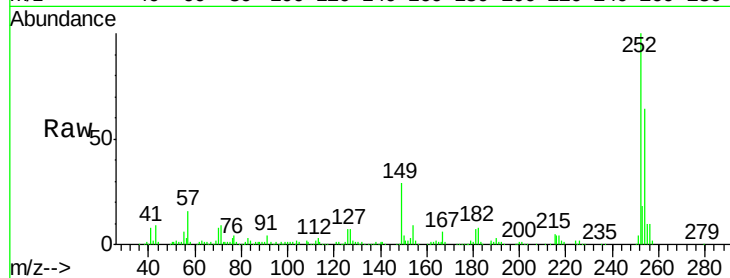




#81
 3,3'-Dichlorobenzidine
 Concen: 39.19 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.05 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

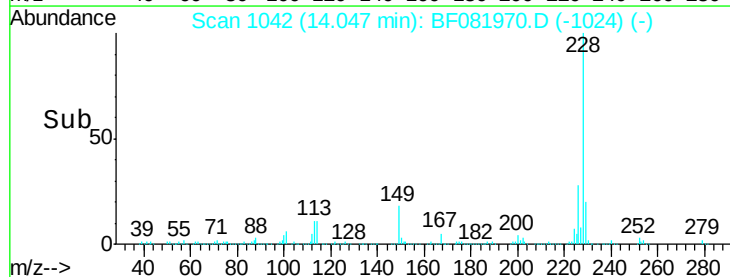
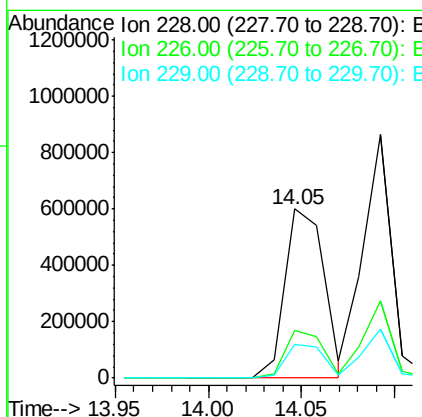
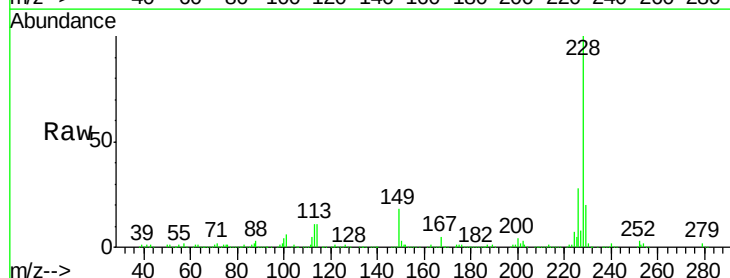
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

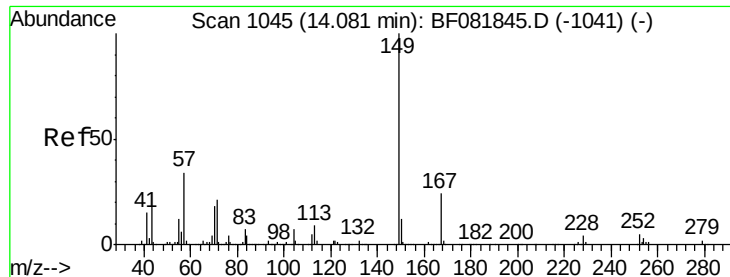
Tgt Ion:252 Resp: 305987
 Ion Ratio Lower Upper
 252 100
 254 64.3 51.4 77.2
 126 6.9 16.4 24.6#



#82
 Chrysene
 Concen: 41.41 ng
 RT: 14.05 min Scan# 1042
 Delta R.T. -0.09 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion:228 Resp: 869338
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.0 31.4
 229 20.3 15.6 23.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.37 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

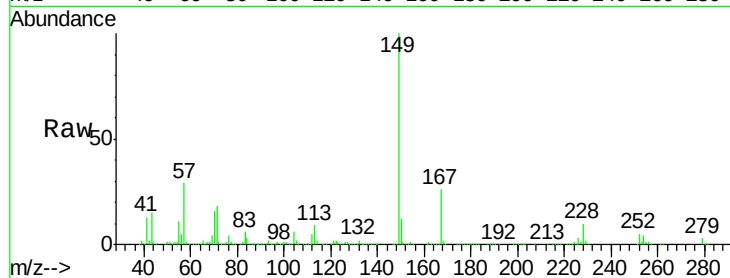
Tgt Ion:149 Resp: 573402

Ion Ratio Lower Upper

149 100

167 26.0 24.2 36.2

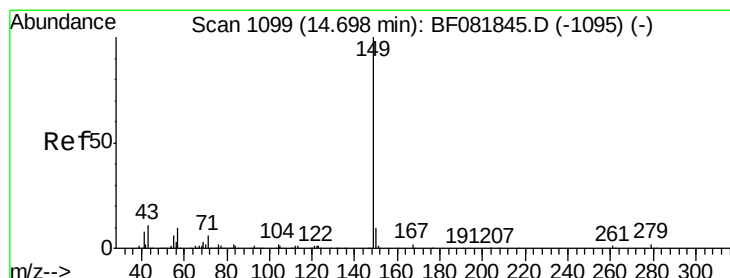
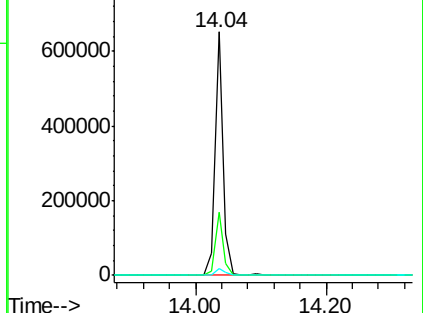
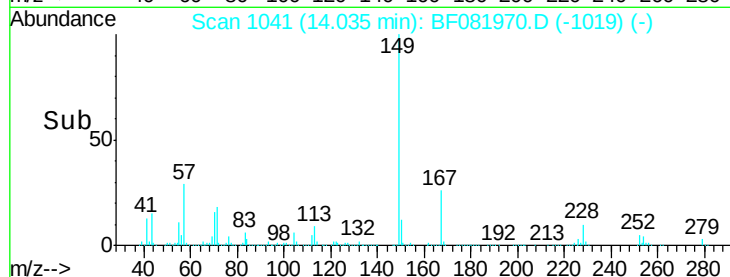
279 2.7 3.8 5.6#



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: 48.30 ng

RT: 14.65 min Scan# 1095

Delta R.T. -0.05 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

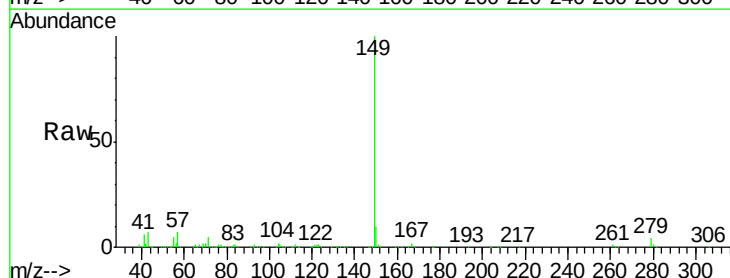
Tgt Ion:149 Resp: 951521

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

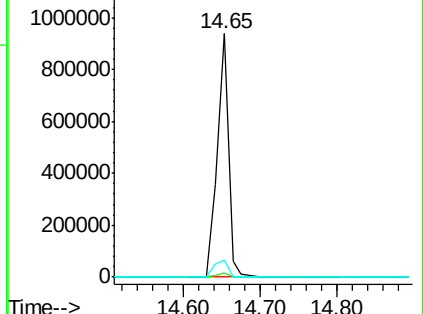
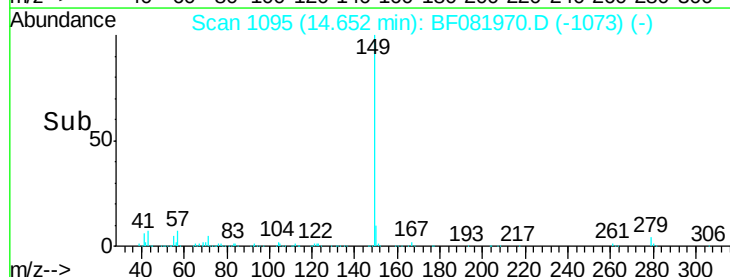
43 9.2 10.2 15.2#

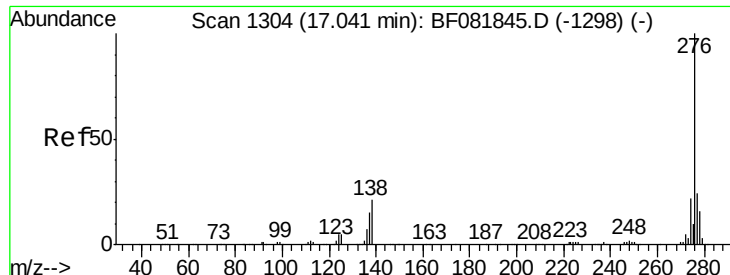


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

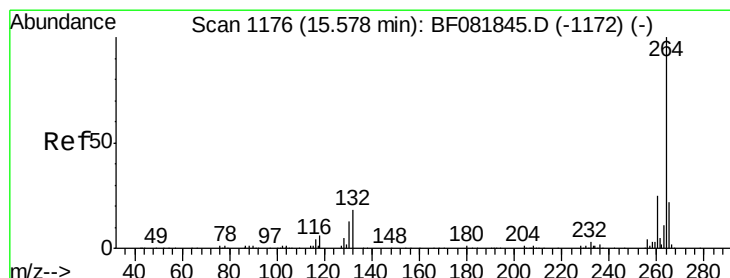
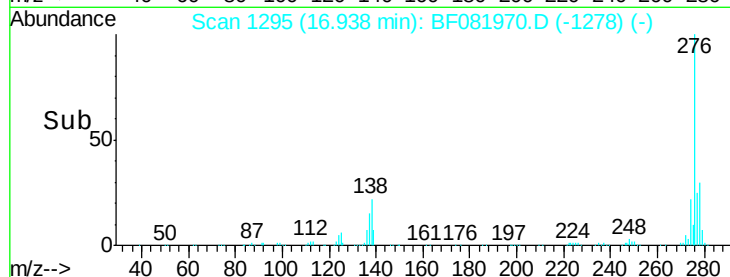
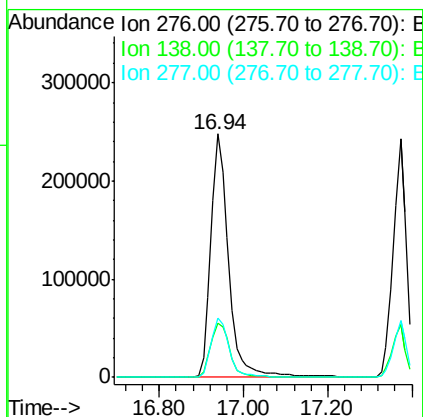
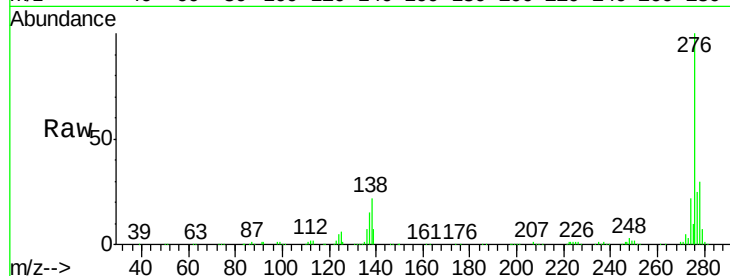




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.50 ng
 RT: 16.94 min Scan# 1295
 Delta R.T. -0.10 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

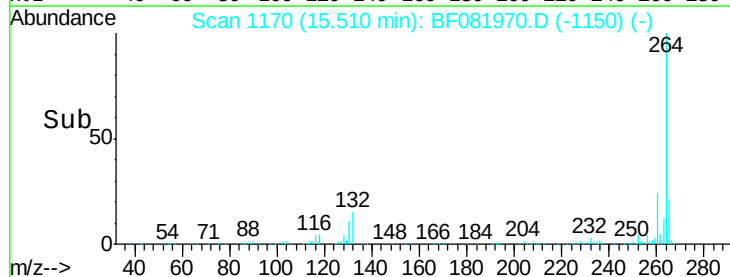
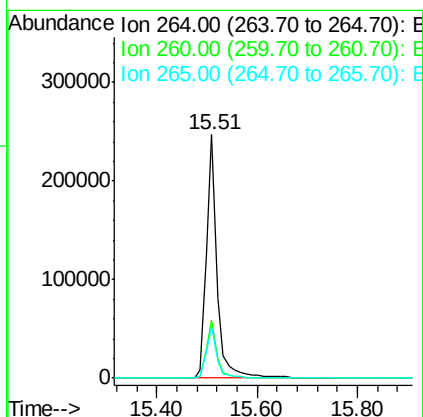
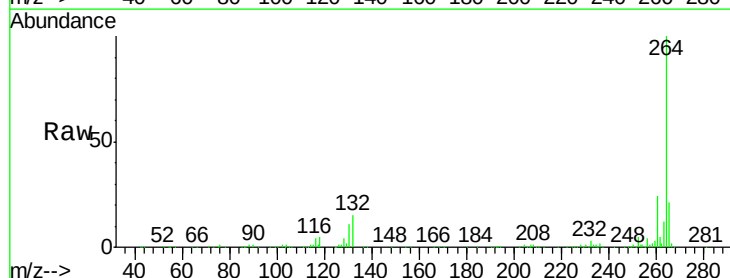
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

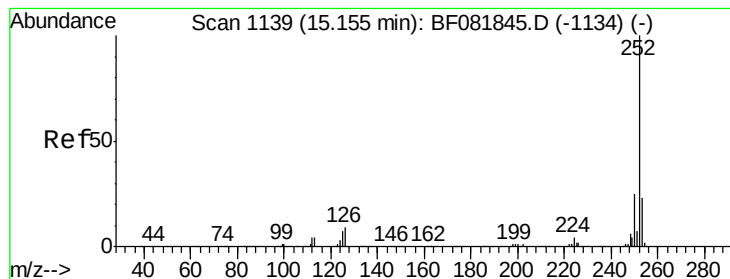
Tgt Ion: 276 Resp: 732287
 Ion Ratio Lower Upper
 276 100
 138 24.7 25.7 38.5#
 277 25.3 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.07 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Tgt Ion: 264 Resp: 364524
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 21.2 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 75.92 ng

RT: 15.12 min Scan# 1136

Delta R.T. -0.03 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

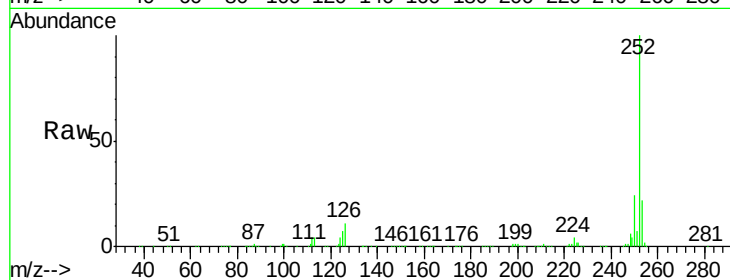
Tgt Ion:252 Resp: 1579970

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

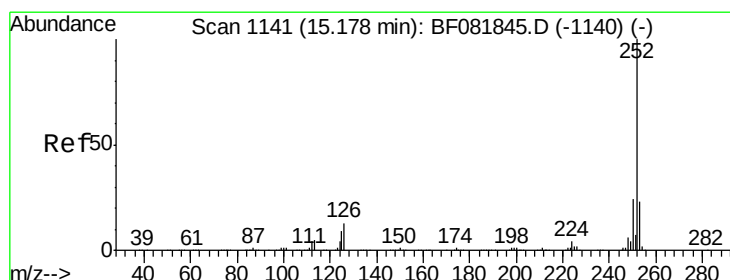
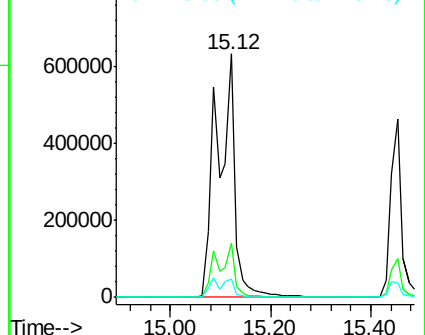
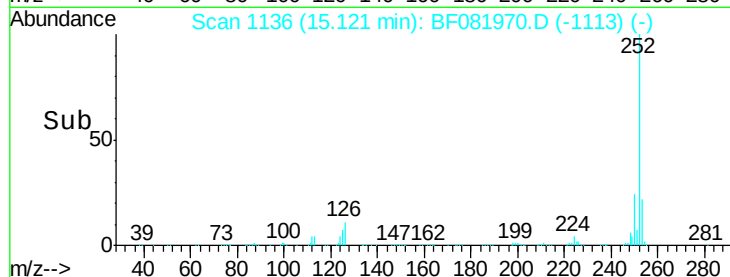
125 7.4 17.1 25.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 82.91 ng

RT: 15.12 min Scan# 1136

Delta R.T. -0.06 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

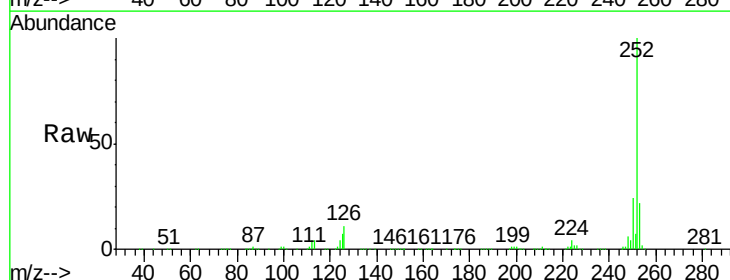
Tgt Ion:252 Resp: 1581427

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

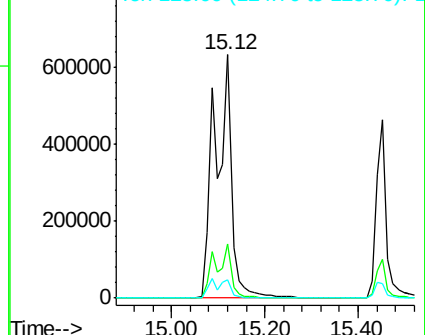
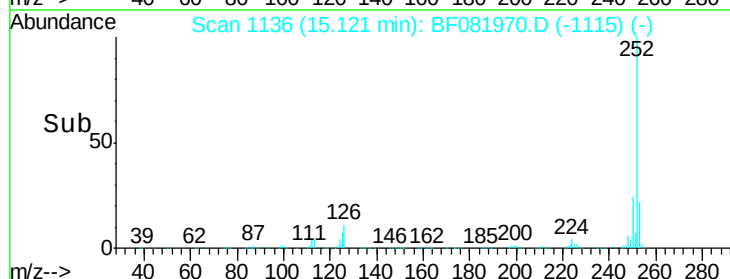
125 7.4 16.0 24.0#

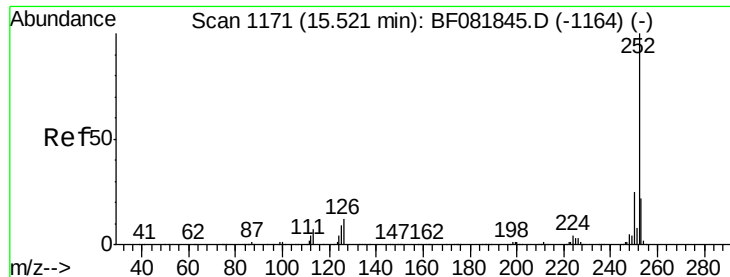


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.50 ng

RT: 15.45 min Scan# 1165

Delta R.T. -0.07 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

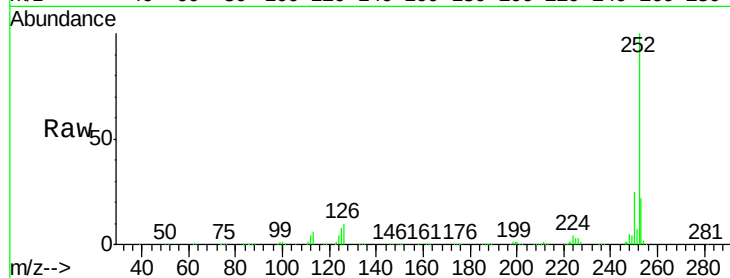
Tgt Ion:252 Resp: 713073

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

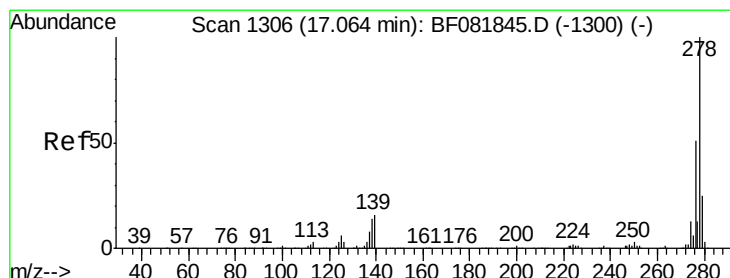
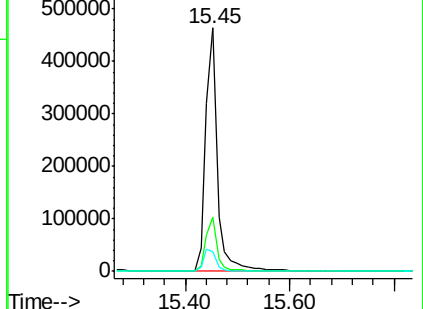
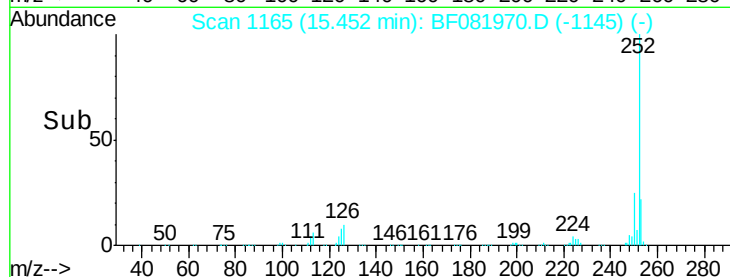
125 8.3 18.0 27.0#



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: 39.73 ng

RT: 16.96 min Scan# 1297

Delta R.T. -0.10 min

Lab File: BF081970.D

Acq: 2 Oct 2015 6:46

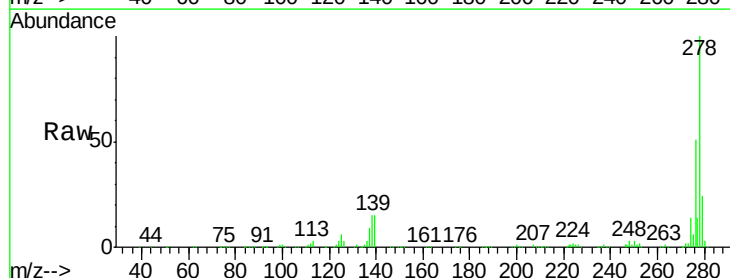
Tgt Ion:278 Resp: 601845

Ion Ratio Lower Upper

278 100

139 15.4 26.3 39.5#

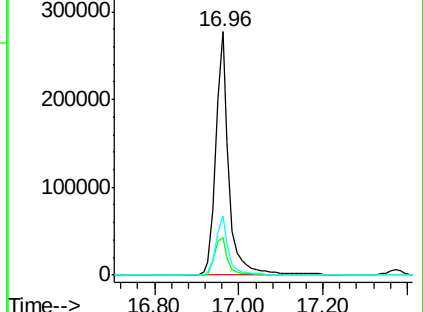
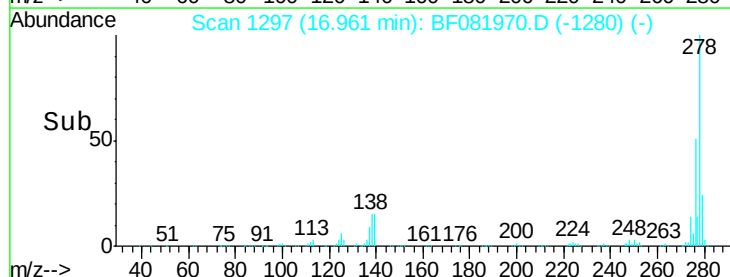
279 24.3 18.2 27.4

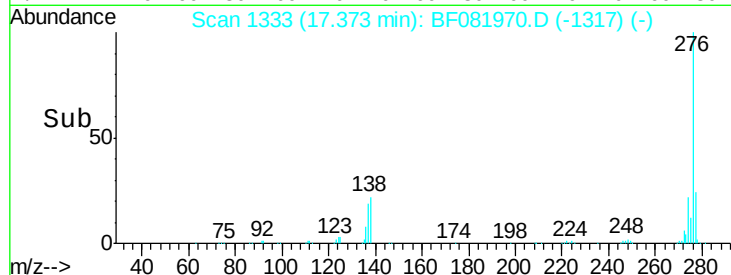
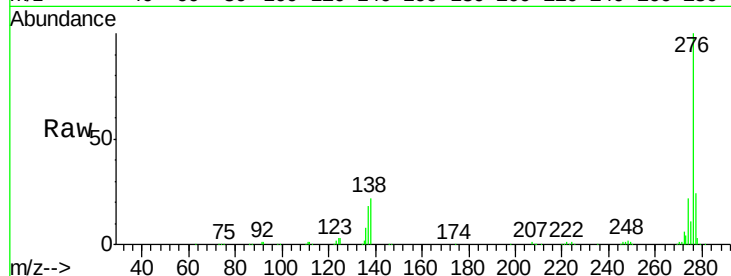
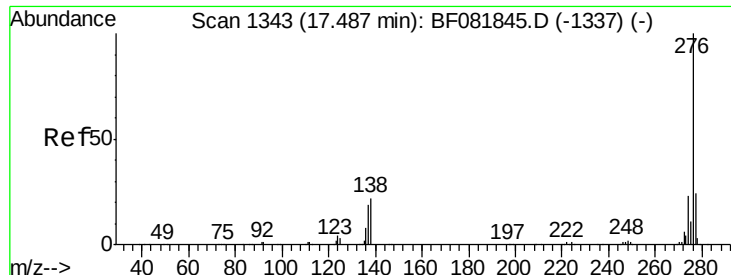


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.81 ng
 RT: 17.37 min Scan# 1333
 Delta R.T. -0.11 min
 Lab File: BF081970.D
 Acq: 2 Oct 2015 6:46

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	22.0	34.6	51.8

