

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086534.D
 Acq On : 30 Apr 2016 20:11
 Operator : UM/SJ
 Sample : PB90129BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:24:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	132749	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	590993	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	280234	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	548222	20.00	ng	0.00
75) Chrysene-d12	13.92	240	434629	20.00	ng	0.00
86) Perylene-d12	15.31	264	344609	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	807709	104.95	ng	0.01
7) Phenol-d6	6.41	99	1043081	97.11	ng	0.00
23) Nitrobenzene-d5	7.33	82	678006	61.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	268628	90.90	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1107657	65.55	ng	-0.01
78) Terphenyl-d14	12.87	244	1078673	54.68	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.37	88	111297	27.53	ng	# 74
3) Pyridine	3.07	79	260757	27.25	ng	# 74
4) n-Nitrosodimethylamine	3.00	42	180756	33.14	ng	# 58
6) Aniline	6.43	93	209008	16.08	ng	98
8) 2-Chlorophenol	6.54	128	298951	31.19	ng	# 81
9) Benzaldehyde	6.30	77	32674	5.23	ng	99
10) Phenol	6.42	94	431526	36.01	ng	83
11) bis(2-Chloroethyl)ether	6.50	93	303689	29.31	ng	84
12) 1,3-Dichlorobenzene	6.70	146	312891	30.35	ng	97
13) 1,4-Dichlorobenzene	6.78	146	325191	30.57	ng	97
14) 1,2-Dichlorobenzene	6.93	146	293752	30.11	ng	97
15) Benzyl Alcohol	6.91	79	241755	35.58	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.05	45	606258	29.24	ng	89
17) 2-Methylphenol	7.04	107	252285	32.56	ng	95
18) Hexachloroethane	7.28	117	116605	29.33	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	227993	32.11	ng	# 73
20) 3+4-Methylphenols	7.18	107	310536	35.10	ng	# 88
22) Acetophenone	7.17	105	421200	32.50	ng	95
24) Nitrobenzene	7.36	77	322483	28.59	ng	# 86
25) Isophorone	7.60	82	637487	30.21	ng	96
26) 2-Nitrophenol	7.66	139	158275	30.48	ng	# 72
27) 2,4-Dimethylphenol	7.71	122	277719	30.48	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	378998	32.97	ng	99
29) 2,4-Dichlorophenol	7.92	162	261226	33.98	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	268886	30.15	ng	97
31) Naphthalene	8.08	128	936002	31.13	ng	100
32) Benzoic acid	7.84	122	127368	27.64	ng	89
33) 4-Chloroaniline	8.13	127	113219	10.05	ng	99
34) Hexachlorobutadiene	8.19	225	140246	28.05	ng	99
35) Caprolactam	8.49	113	57217	22.31	ng	# 60
36) 4-Chloro-3-methylphenol	8.61	107	268734	30.53	ng	91
37) 2-Methylnaphthalene	8.76	142	564792	31.83	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	246324	30.71	ng	98
40) Hexachlorocyclopentadiene	8.92	237	245230	61.52	ng	95

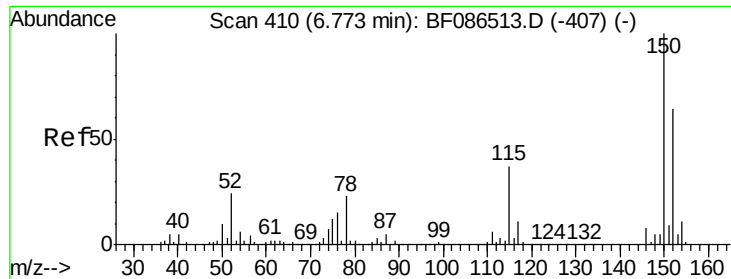
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086534.D
 Acq On : 30 Apr 2016 20:11
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 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	173915	34.30	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	173068	31.32	nq	95
45) 1,1'-Biphenyl	9.23	154	729049	31.12	nq	97
46) 2-Chloronaphthalene	9.25	162	547913	30.76	nq	95
47) 2-Nitroaniline	9.36	65	198169	34.70	nq	97
48) Acenaphthylene	9.66	152	830968	29.85	nq	99
49) Dimethylphthalate	9.54	163	659310	31.25	nq	98
50) 2,6-Dinitrotoluene	9.60	165	154172	35.37	nq	94
51) Acenaphthene	9.84	154	598731	33.48	nq	98
52) 3-Nitroaniline	9.76	138	74374	15.00	nq	# 76
53) 2,4-Dinitrophenol	9.87	184	135275	59.04	nq	# 86
54) Dibenzofuran	10.01	168	741328	33.17	nq	95
55) 4-Nitrophenol	9.93	139	194089	59.80	nq	# 61
56) 2,4-Dinitrotoluene	10.00	165	189701	34.14	nq	94
57) Fluorene	10.35	166	584302	30.11	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	156915	36.32	nq	93
59) Diethylphthalate	10.24	149	666969	33.40	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	278525	31.62	nq	# 81
61) 4-Nitroaniline	10.37	138	157263	32.46	nq	78
62) Azobenzene	10.51	77	743171	33.97	nq	88
64) 4,6-Dinitro-2-methylphenol	10.41	198	98414	30.58	nq	91
65) n-Nitrosodiphenylamine	10.46	169	517988	30.23	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	169358	29.98	nq	91
67) Hexachlorobenzene	10.90	284	198307	30.33	nq	# 89
68) Atrazine	10.99	200	163255	31.73	nq	95
69) Pentachlorophenol	11.09	266	200848	58.26	nq	97
70) Phenanthrene	11.31	178	914717	31.79	nq	100
71) Anthracene	11.36	178	958917	31.23	nq	99
72) Carbazole	11.52	167	873204	32.09	nq	99
73) Di-n-butylphthalate	11.86	149	981219	31.83	nq	98
74) Fluoranthene	12.49	202	919917	31.68	nq	99
76) Benzidine	12.63	184	234713	15.71	nq	97
77) Pyrene	12.72	202	903235	28.84	nq	100
79) Butylbenzylphthalate	13.35	149	415305	30.62	nq	# 79
80) Benzo(a)anthracene	13.91	228	748385	32.30	nq	98
81) 3,3'-Dichlorobenzidine	13.87	252	134504	8.68	nq	98
82) Chrysene	13.94	228	724009	28.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	470144	27.92	nq	# 96
84) Di-n-octyl phthalate	14.51	149	752755	28.55	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	612773	32.83	nq	97
87) Benzo(b)fluoranthene	14.95	252	1335443	65.87	nq	# 96
88) Benzo(k)fluoranthene	14.95	252	1337323	63.24	nq	99
89) Benzo(a)pyrene	15.25	252	607885	31.76	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	514954	32.88	nq	96
91) Benzo(g,h,i)perylene	17.05	276	507931	32.36	nq	# 91

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

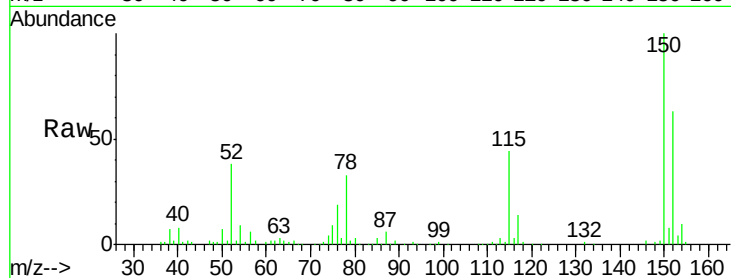
Tot Ion:152 Resp: 132749

Ion Ratio Lower Upper

152 100

150 159.9 125.8 188.6

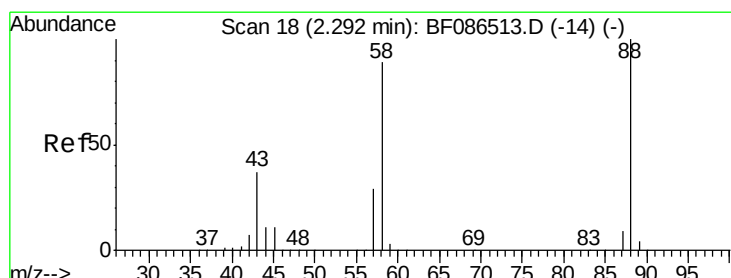
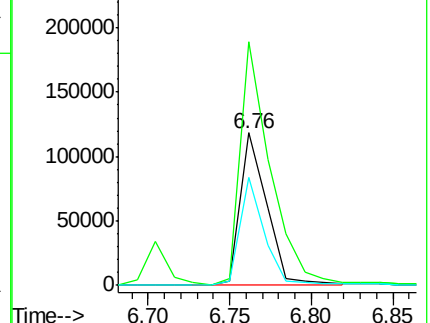
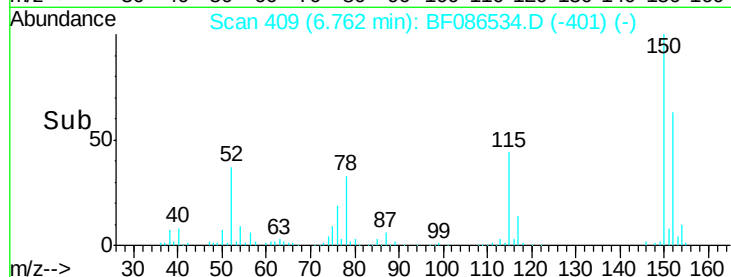
115 70.5 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 27.53 ng

RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

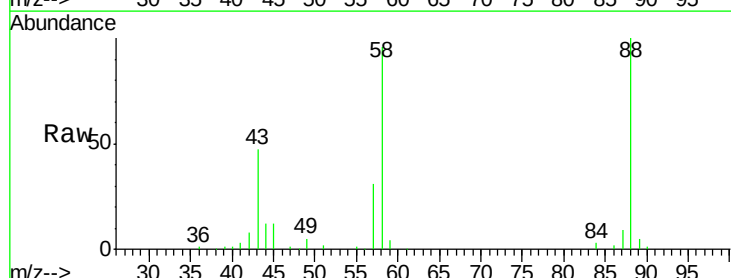
Tgt Ion: 88 Resp: 111297

Ion Ratio Lower Upper

88 100

58 93.9 59.6 89.4#

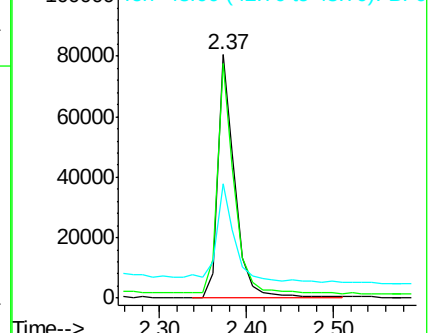
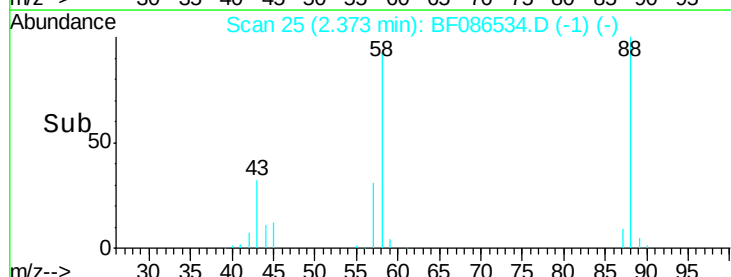
43 45.1 21.8 32.6#

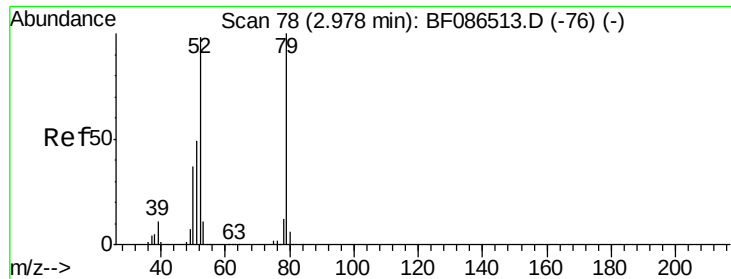


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 27.25 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

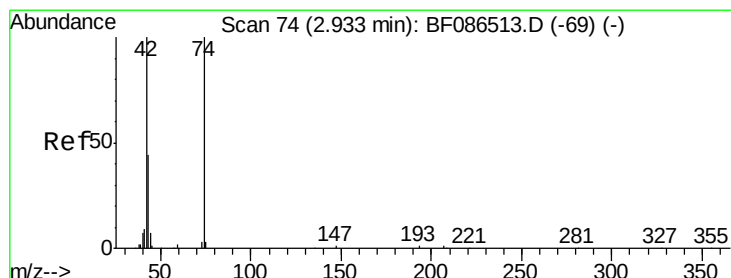
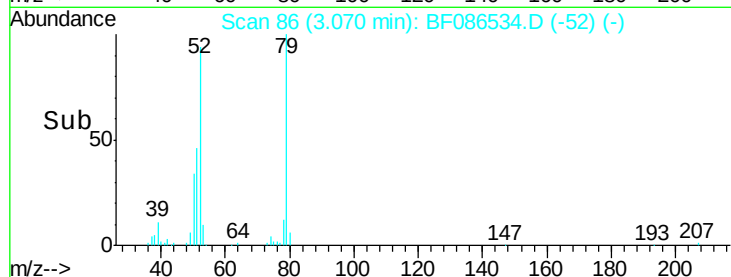
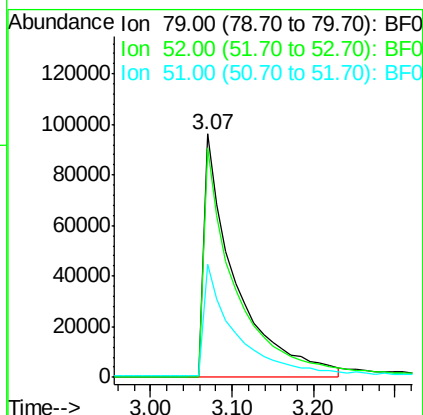
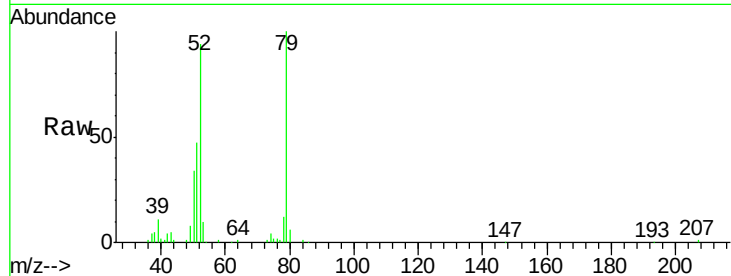
Tot Ion: 79 Resp: 260757

Ion Ratio Lower Upper

79 100

52 94.3 55.9 83.9#

51 46.5 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 33.14 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

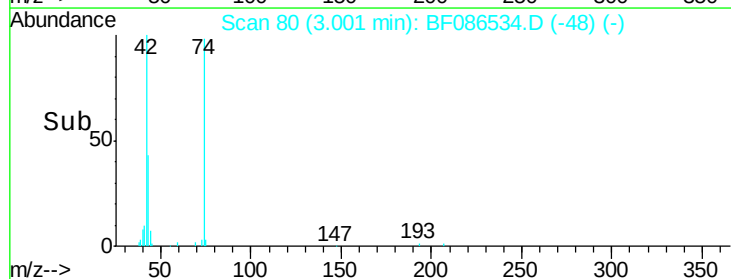
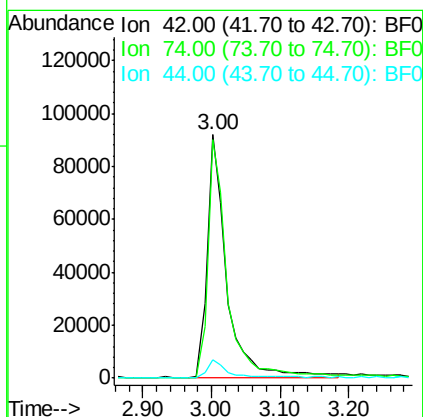
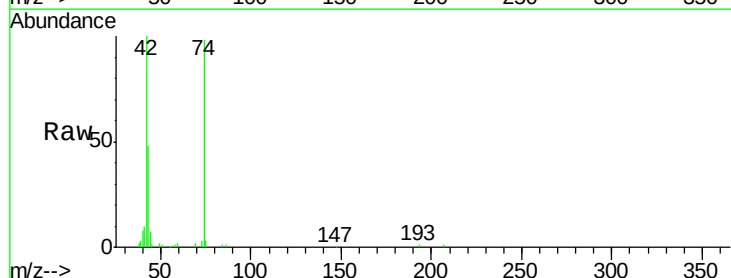
Tgt Ion: 42 Resp: 180756

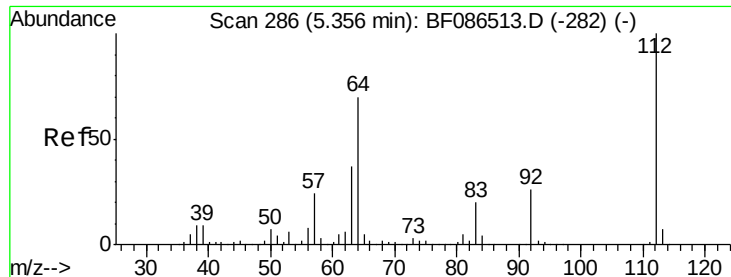
Ion Ratio Lower Upper

42 100

74 97.8 123.4 185.0#

44 7.3 5.8 8.6





#5

2-Fluorophenol

Concen: 104.95 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

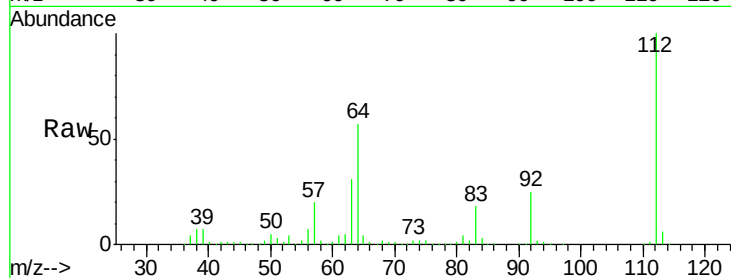
Tot Ion:112 Resp: 807709

Ion Ratio Lower Upper

112 100

64 57.5 52.1 78.1

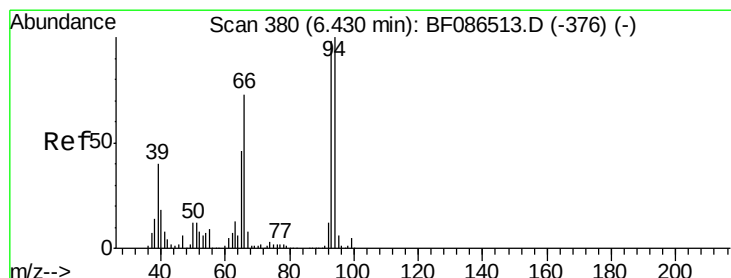
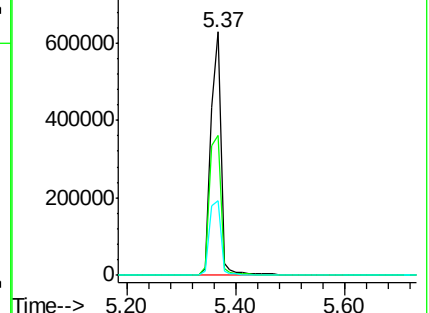
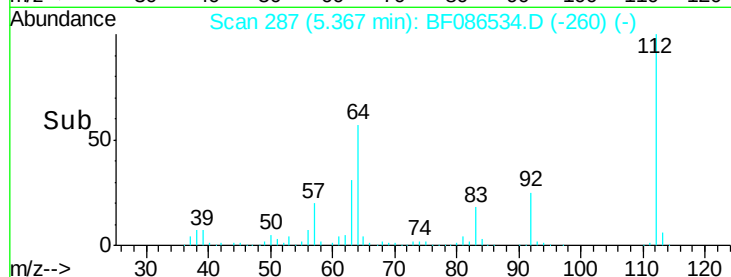
63 30.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.08 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

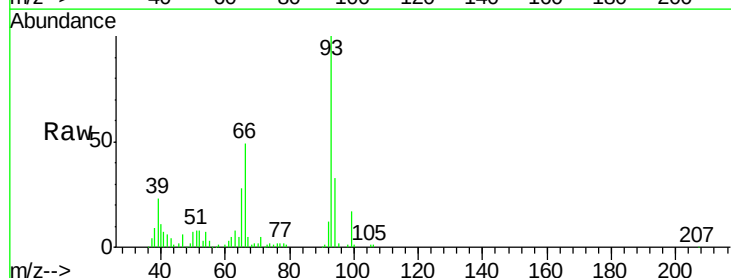
Tgt Ion: 93 Resp: 209008

Ion Ratio Lower Upper

93 100

66 49.2 39.0 58.6

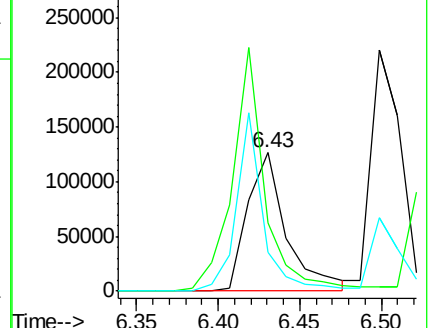
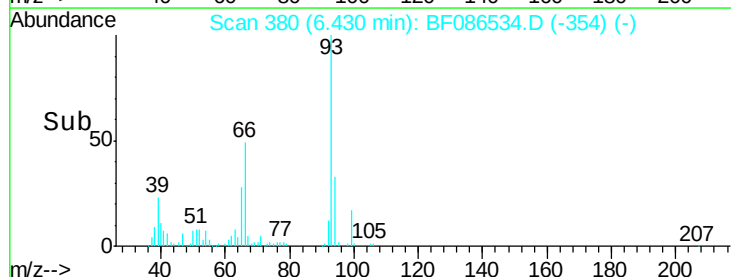
65 27.8 20.6 31.0

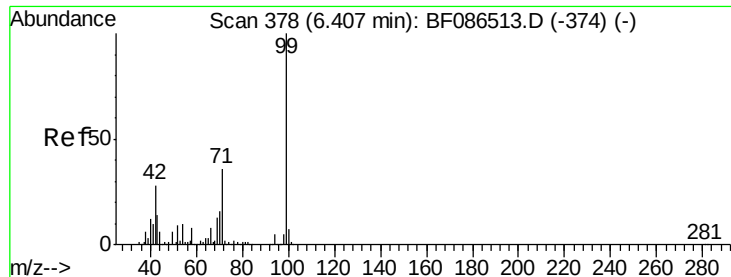


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 97.11 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

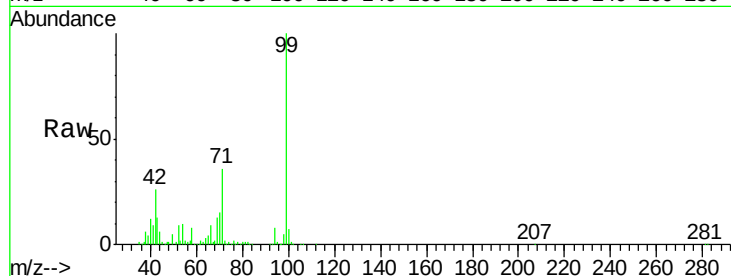
Tot Ion: 99 Resp: 1043081

Ion Ratio Lower Upper

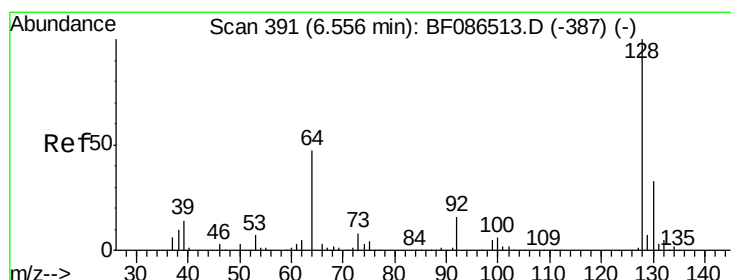
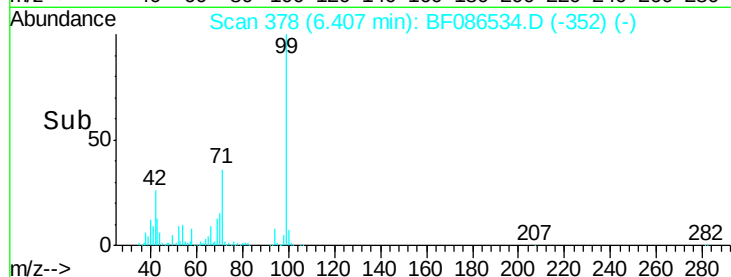
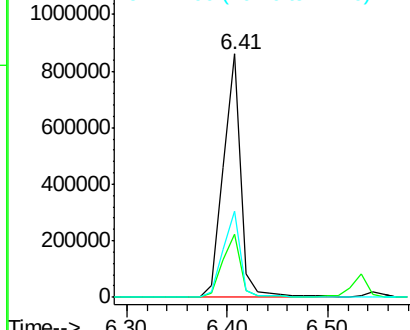
99 100

42 26.1 13.6 20.4#

71 35.6 24.6 36.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.19 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

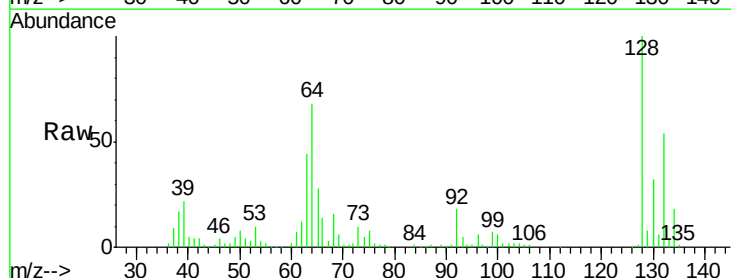
Tgt Ion: 128 Resp: 298951

Ion Ratio Lower Upper

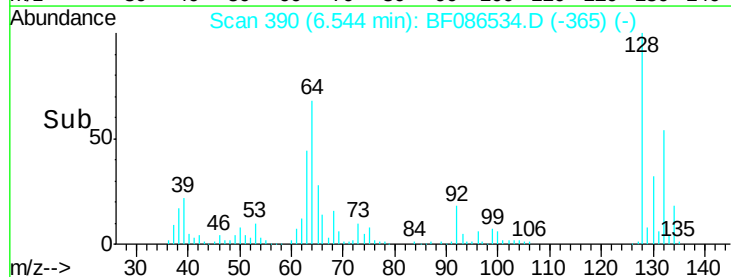
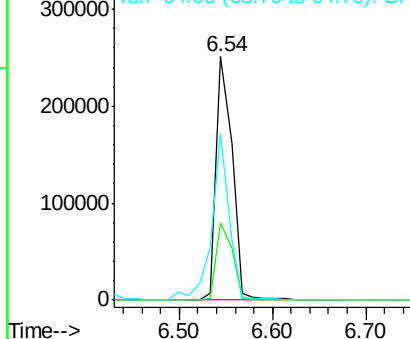
128 100

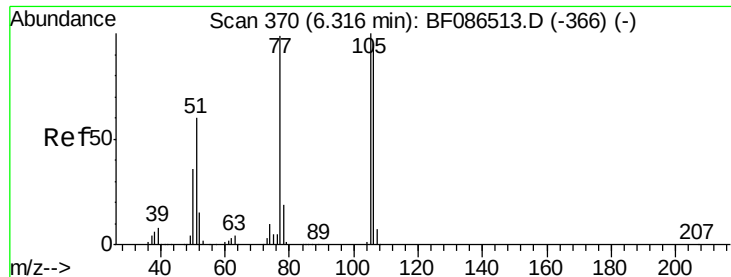
130 31.7 12.5 52.5

64 68.5 27.3 67.3#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.23 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

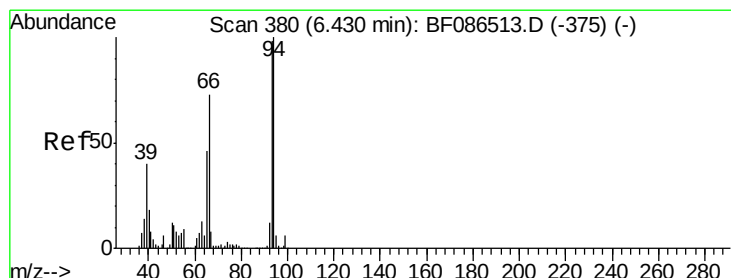
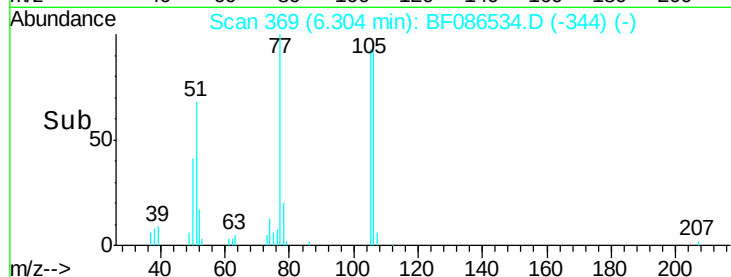
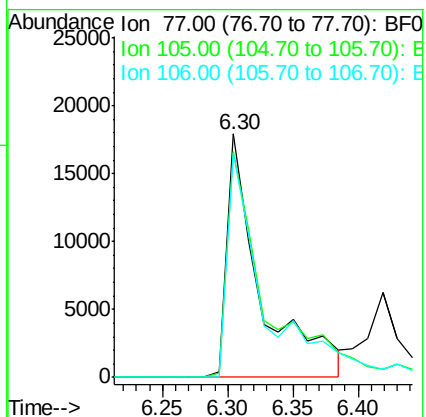
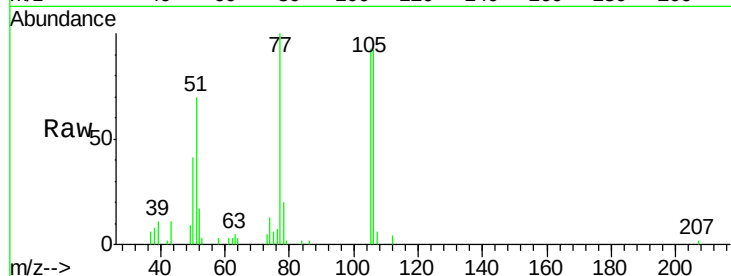
Tot Ion: 77 Resp: 32674

Ion Ratio Lower Upper

77 100

105 92.6 72.7 112.7

106 92.2 70.8 110.8



#10

Phenol

Concen: 36.01 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

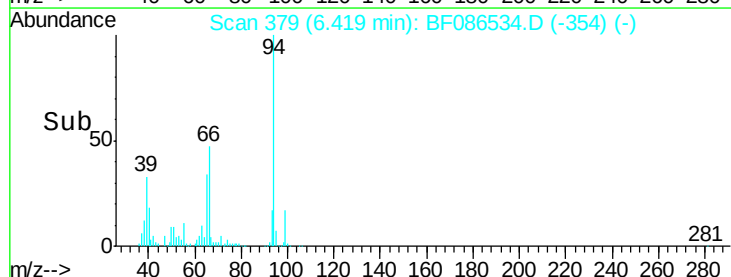
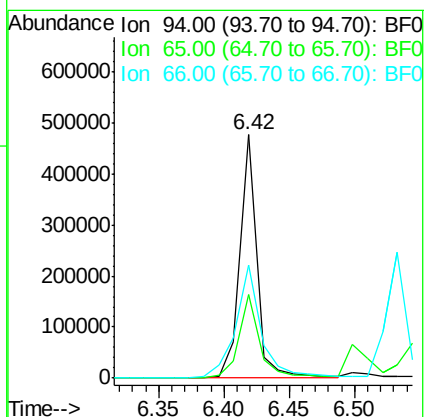
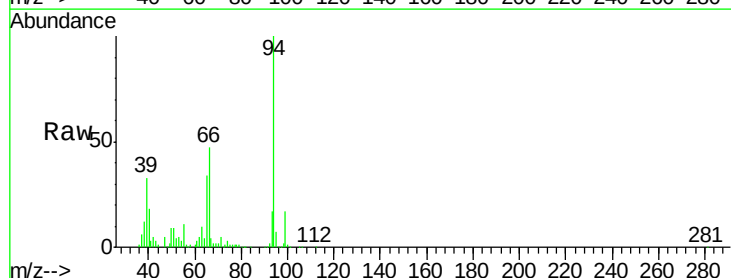
Tgt Ion: 94 Resp: 431526

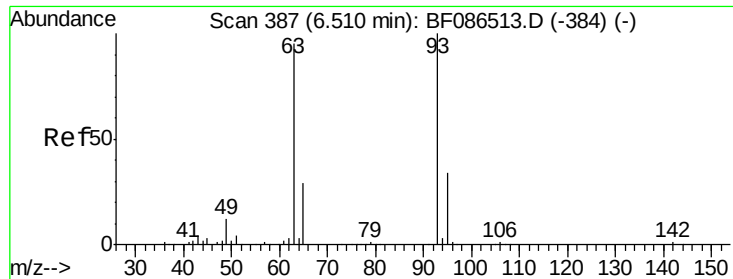
Ion Ratio Lower Upper

94 100

65 34.2 7.2 47.2

66 46.7 14.9 54.9

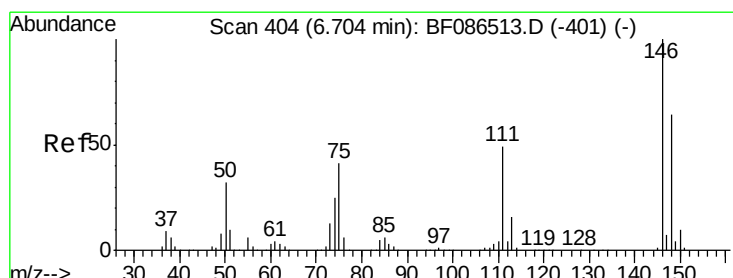
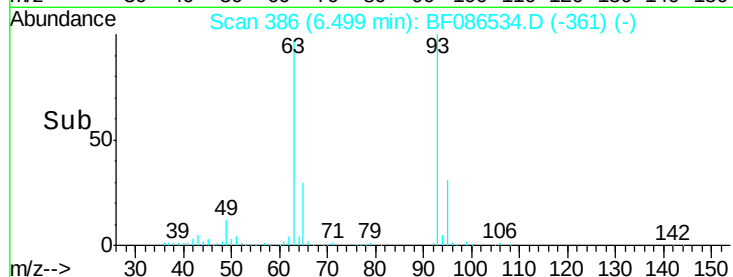
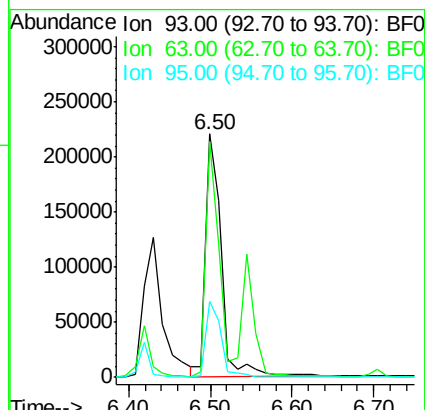
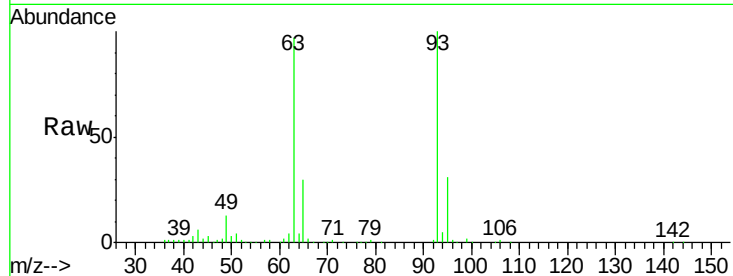




#11
 bis(2-Chloroethyl)ether
 Concen: 29.31 ng
 RT: 6.50 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

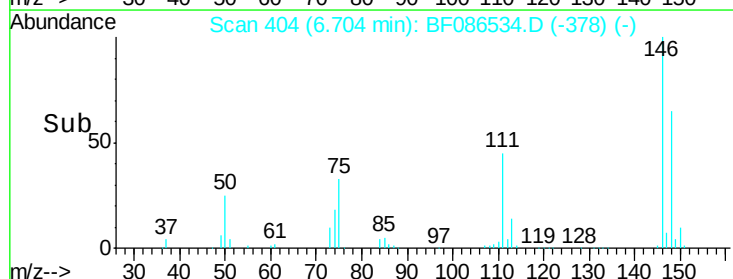
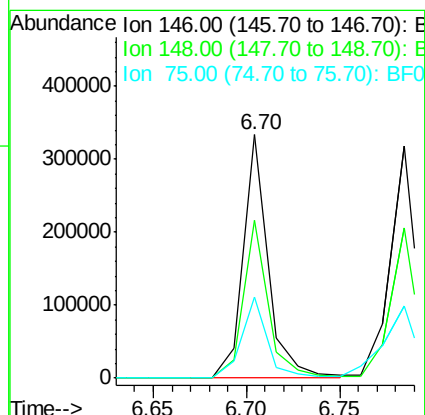
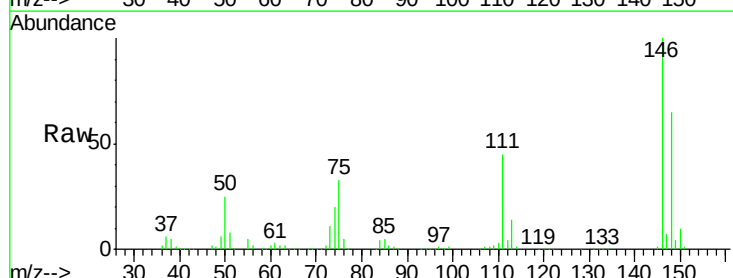
Instrument :
 BNA_F
 ClientSampled :

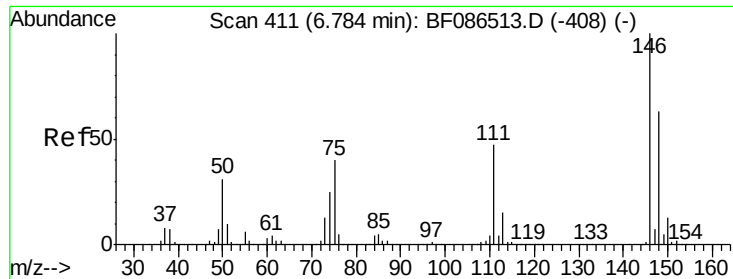
Tot Ion: 93 Resp: 303689
 Ion Ratio Lower Upper
 93 100
 63 97.0 58.0 98.0
 95 31.1 11.9 51.9



#12
 1,3-Dichlorobenzene
 Concen: 30.35 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion: 146 Resp: 312891
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.4 78.6
 75 33.3 22.8 34.2

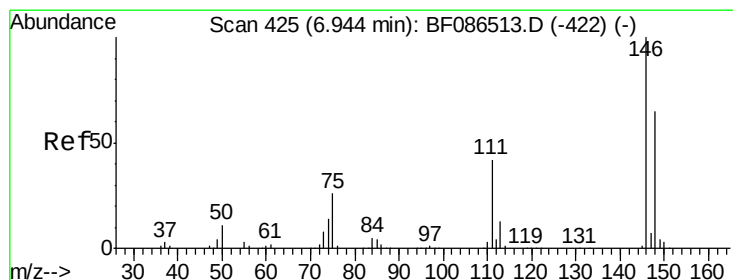
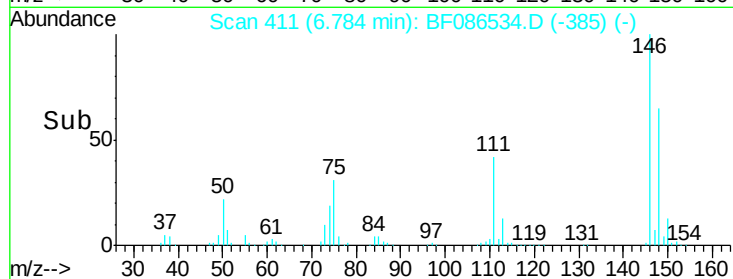
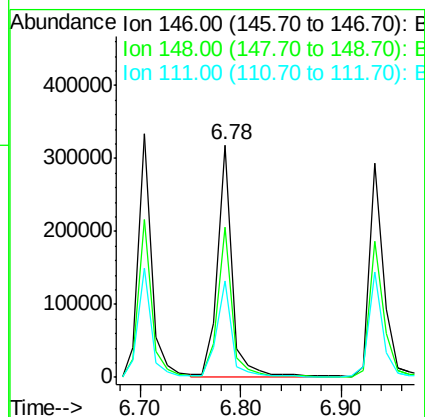
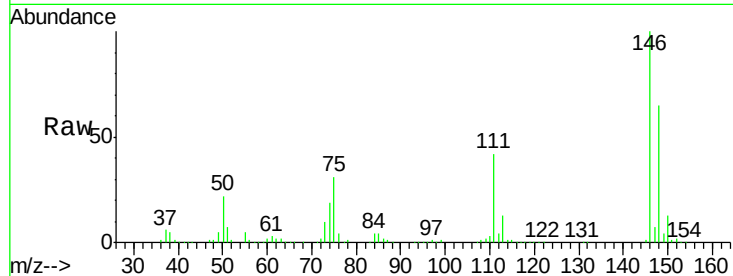




#13
 1,4-Dichlorobenzene
 Concen: 30.57 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

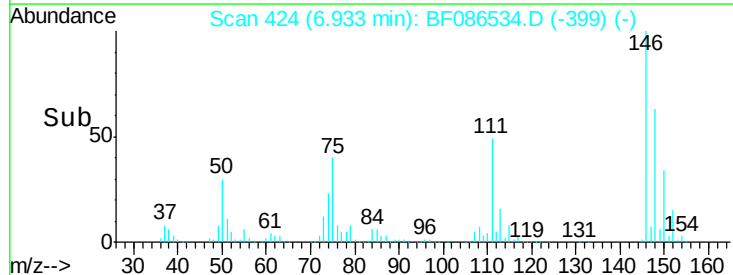
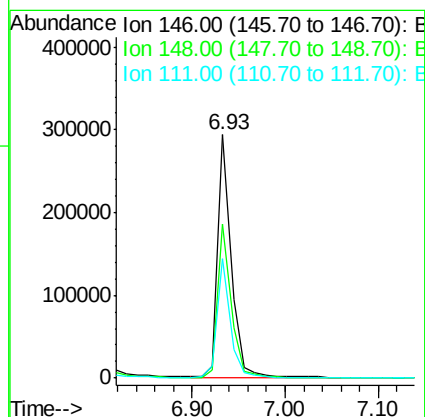
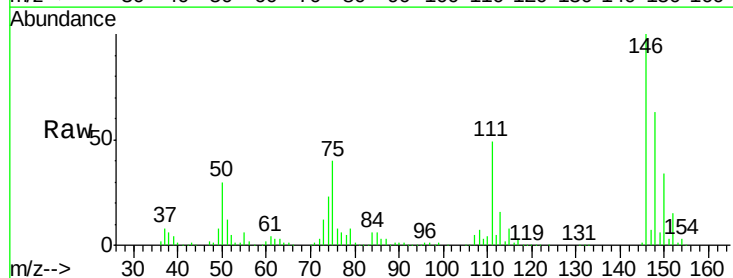
Instrument :
 BNA_F
 ClientSampled :

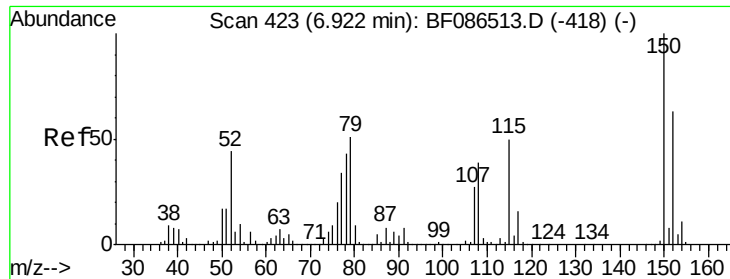
Tot Ion:146 Resp: 325191
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.4
 111 41.8 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 30.11 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:146 Resp: 293752
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.6
 111 49.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 35.58 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

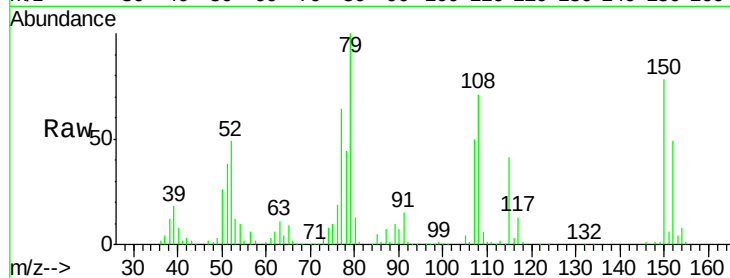
Tot Ion: 79 Resp: 241755

Ion Ratio Lower Upper

79 100

108 70.8 68.4 102.6

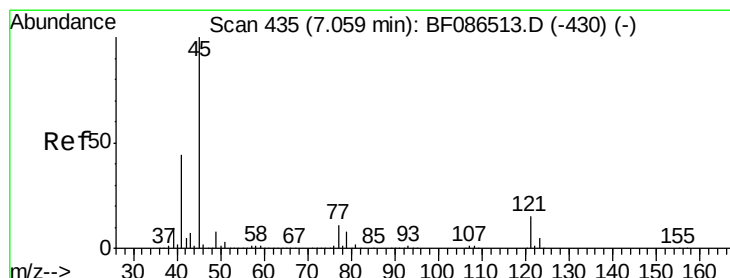
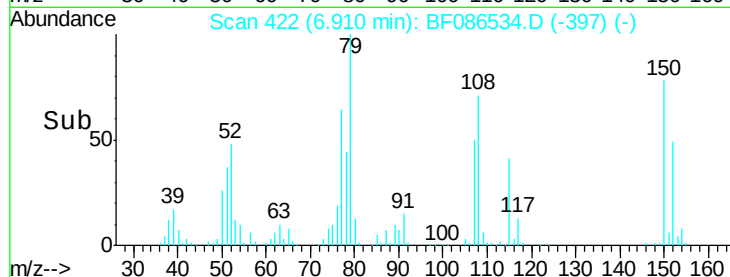
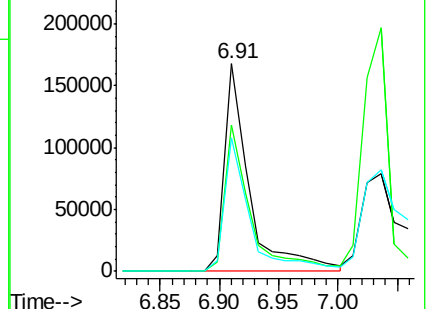
77 64.5 50.6 76.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.24 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

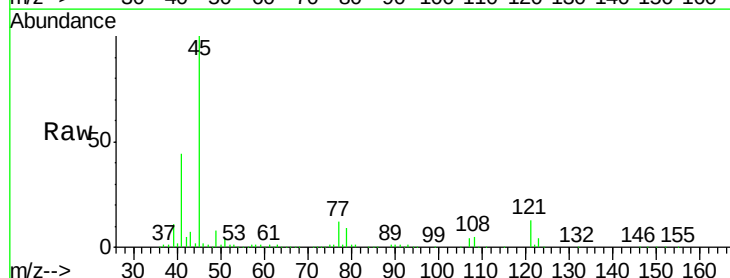
Tgt Ion: 45 Resp: 606258

Ion Ratio Lower Upper

45 100

77 11.6 0.0 36.4

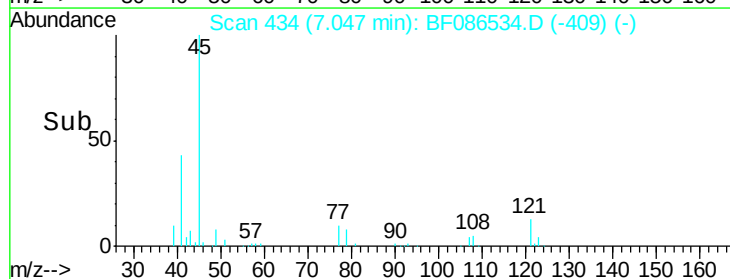
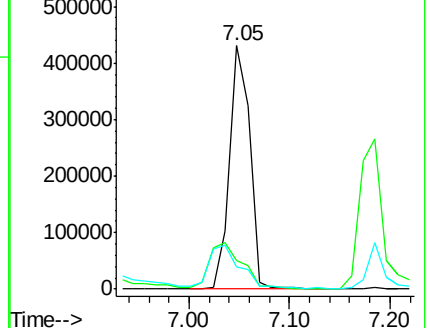
79 9.3 0.0 33.4

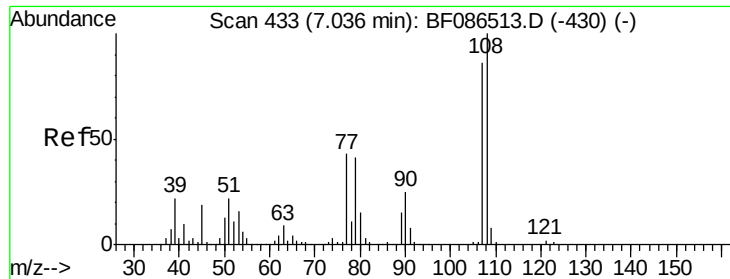


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.56 ng

RT: 7.04 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 252285

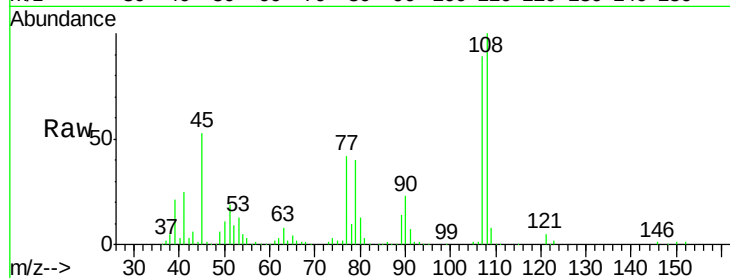
Ion Ratio Lower Upper

107 100

108 112.2 93.7 140.5

77 47.0 33.4 50.0

79 44.8 34.3 51.5

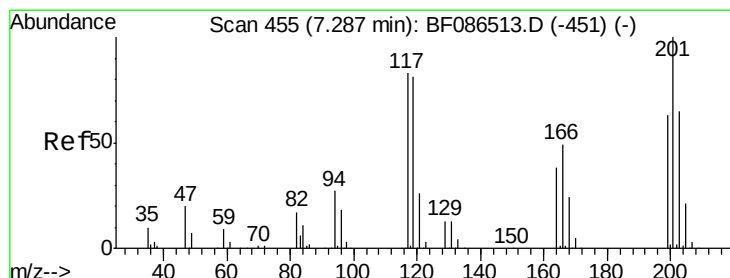
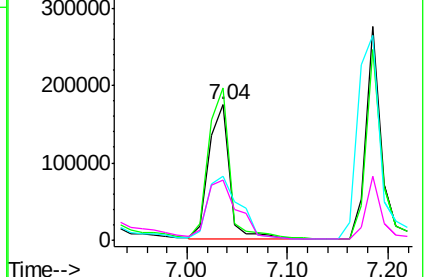
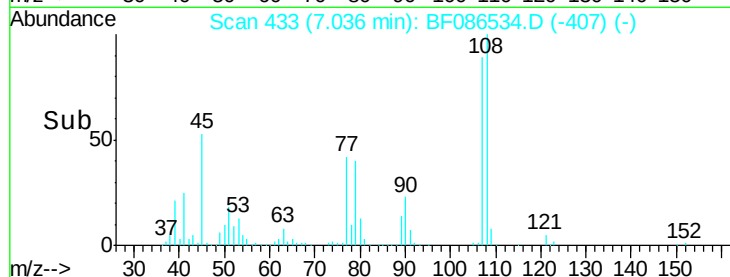


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 29.33 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

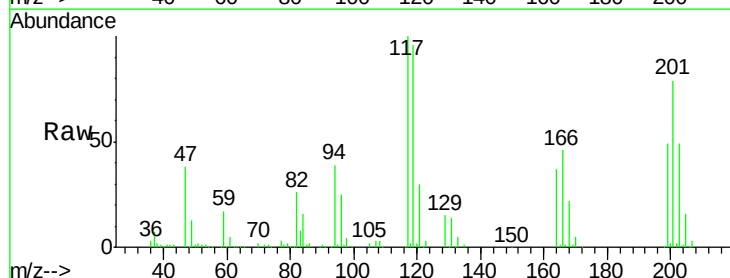
Tgt Ion:117 Resp: 116605

Ion Ratio Lower Upper

117 100

119 96.0 76.5 114.7

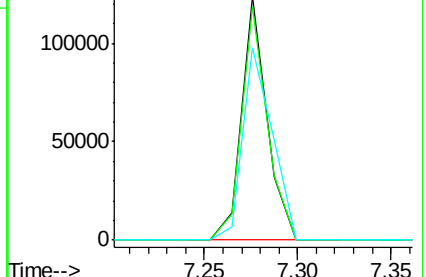
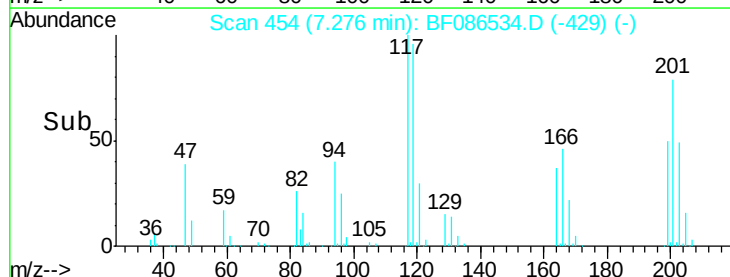
201 79.1 63.0 94.6

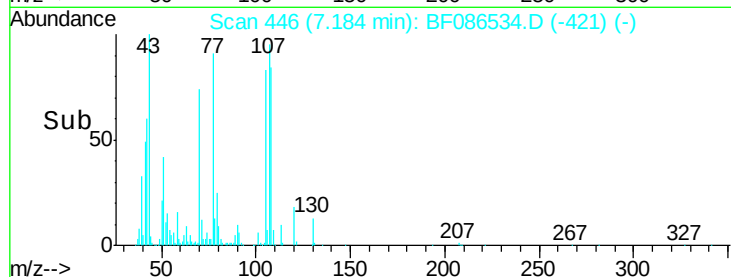
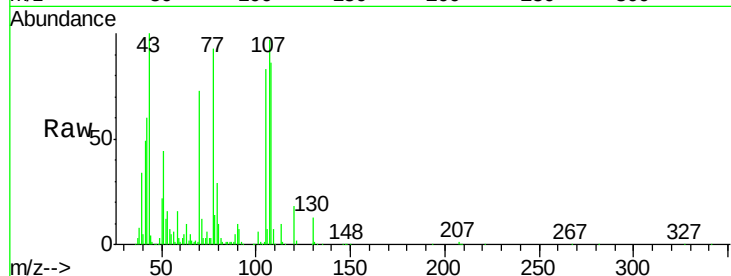
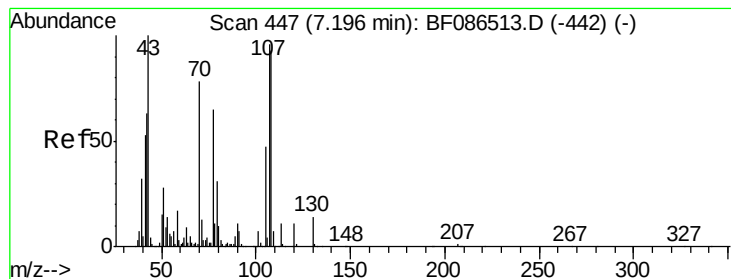


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 32.11 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 227993

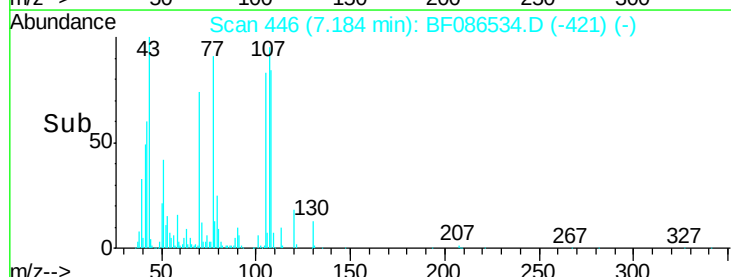
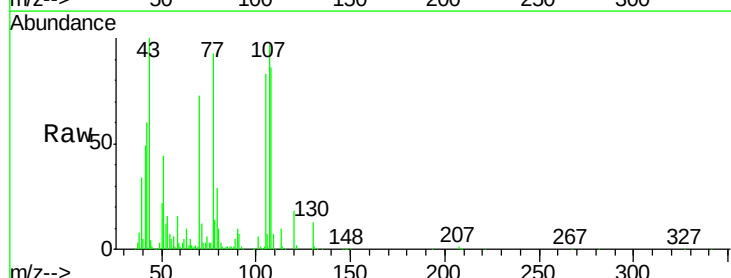
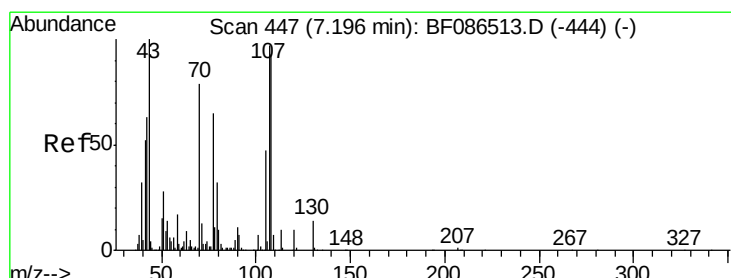
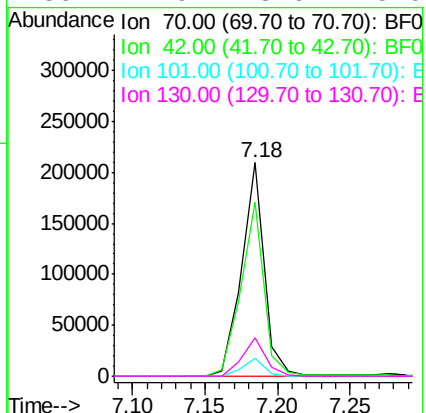
Ion Ratio Lower Upper

70 100

42 81.6 43.1 64.7#

101 8.7 8.1 12.1

130 17.9 18.6 28.0#



#20

3+4-Methylphenols

Concen: 35.10 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion: 107 Resp: 310536

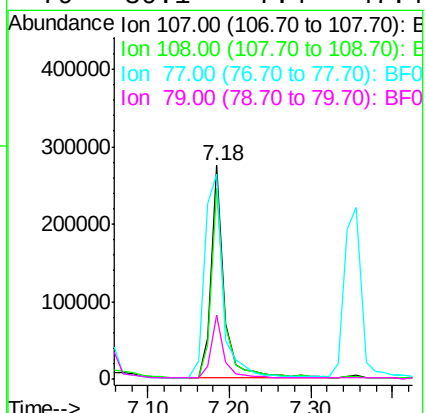
Ion Ratio Lower Upper

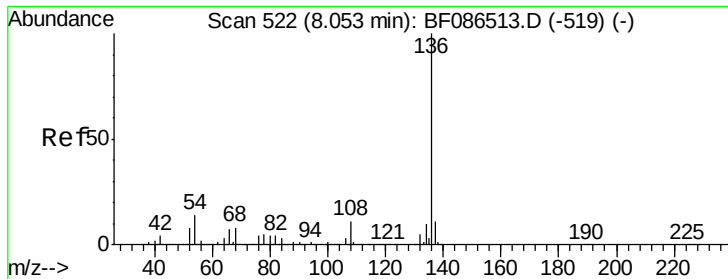
107 100

108 89.0 68.5 108.5

77 96.1 101.6 141.6#

79 30.1 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 590993

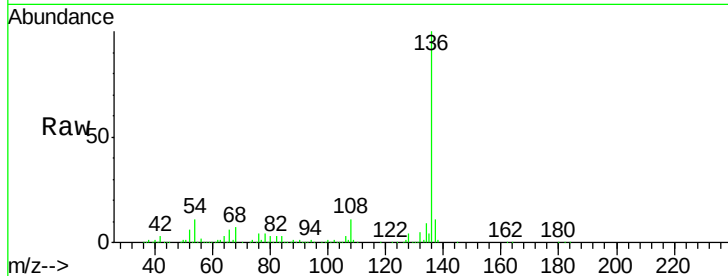
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 11.1 5.0 7.4#

68 6.7 4.4 6.6#

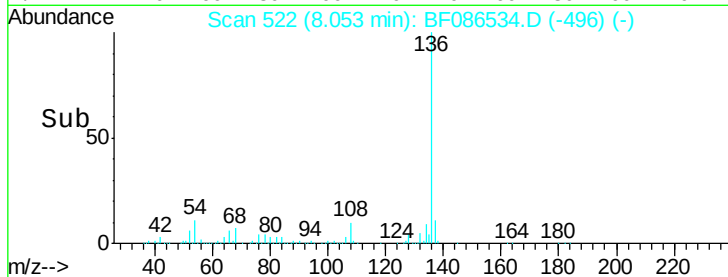


Abundance Ion 136.00 (135.70 to 136.70): E

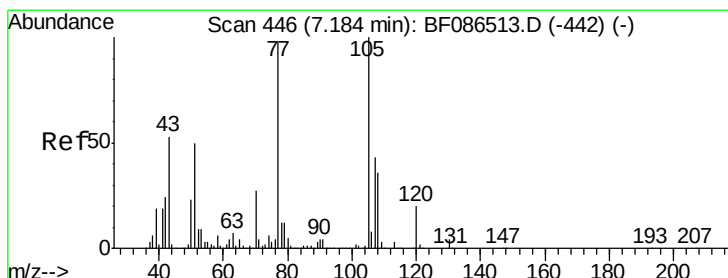
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 7.90 8.00 8.10 8.20 8.30



#22

Acetophenone

Concen: 32.50 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:105 Resp: 421200

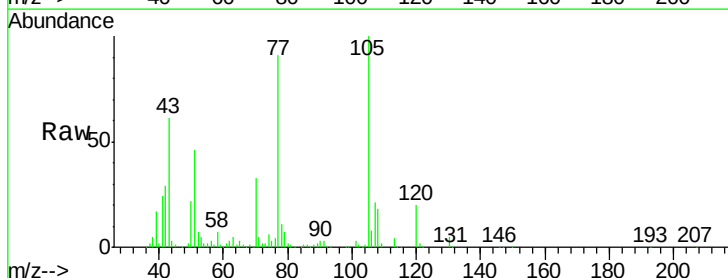
Ion Ratio Lower Upper

105 100

71 5.5 4.8 7.2

51 45.8 32.6 49.0

120 20.1 16.5 24.7

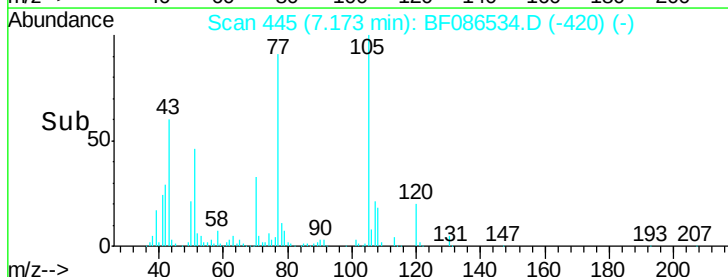


Abundance Ion 105.00 (104.70 to 105.70): E

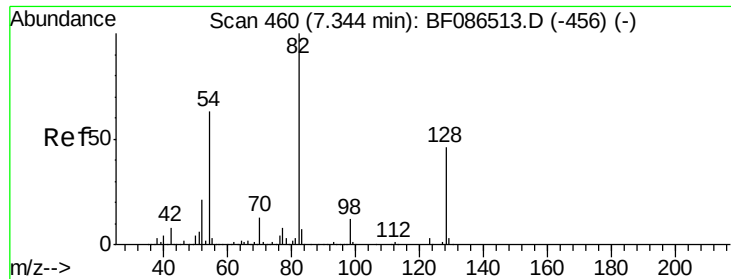
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



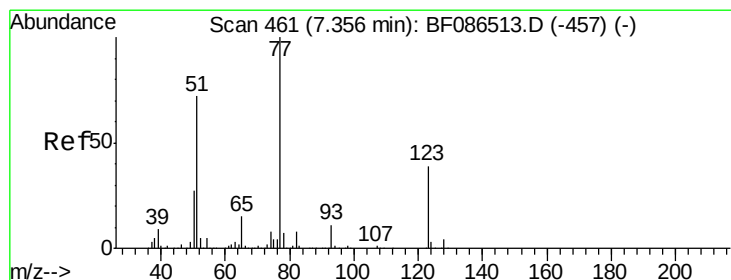
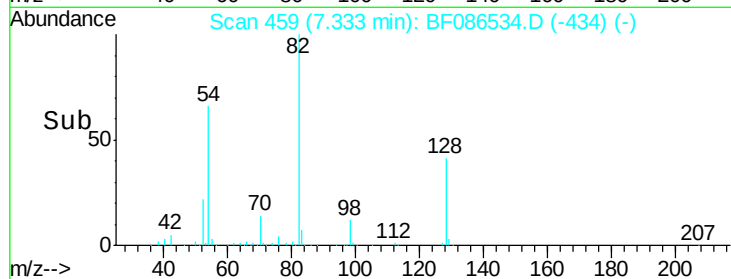
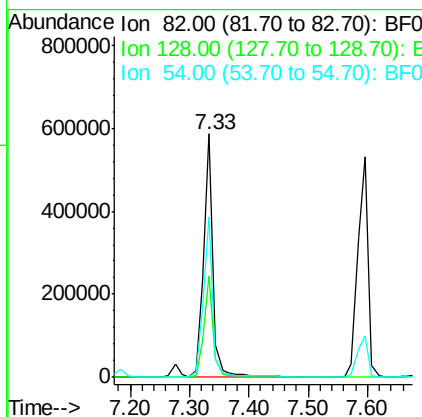
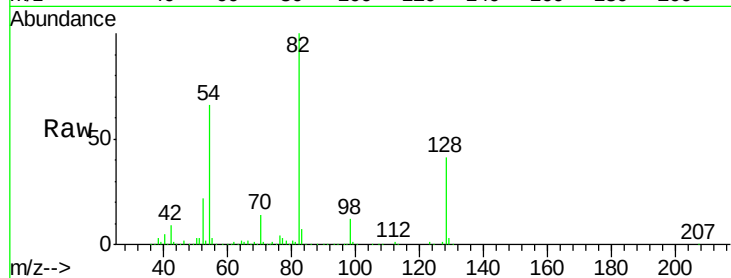
Time--> 7.10 7.20 7.30 7.40



#23
Nitrobenzene-d5
Concen: 61.84 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

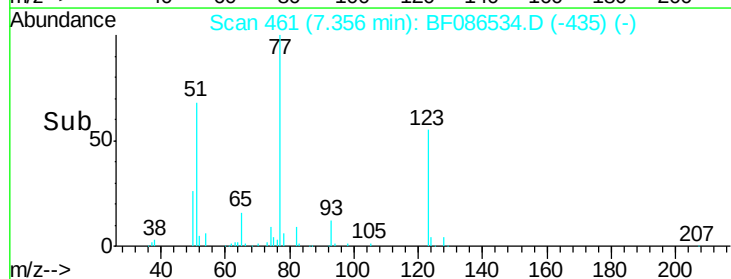
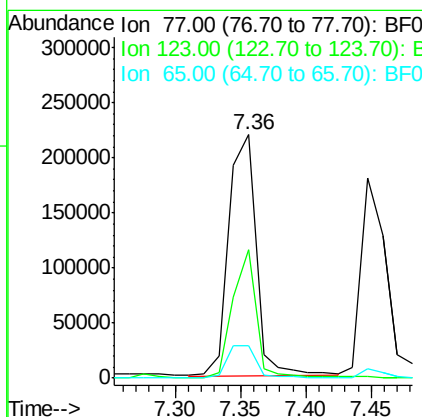
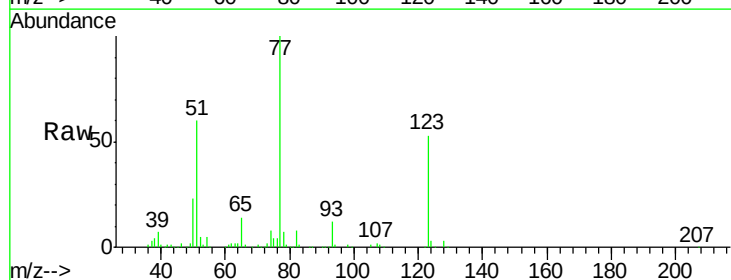
Instrument :
BNA_F
ClientSampleId :

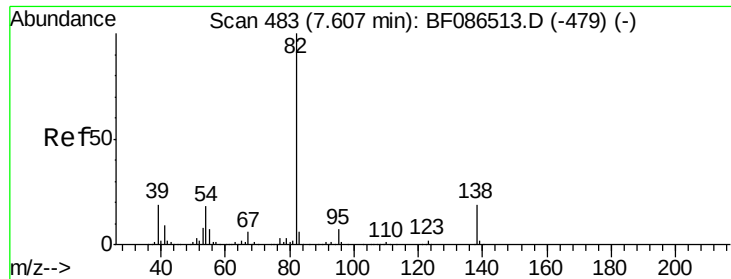
Tot Ion: 82 Resp: 678006
Ion Ratio Lower Upper
82 100
128 41.5 40.6 61.0
54 66.1 38.1 57.1#



#24
Nitrobenzene
Concen: 28.59 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion: 77 Resp: 322483
Ion Ratio Lower Upper
77 100
123 52.6 33.0 49.4#
65 13.5 10.8 16.2





#25

Isophorone

Concen: 30.21 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

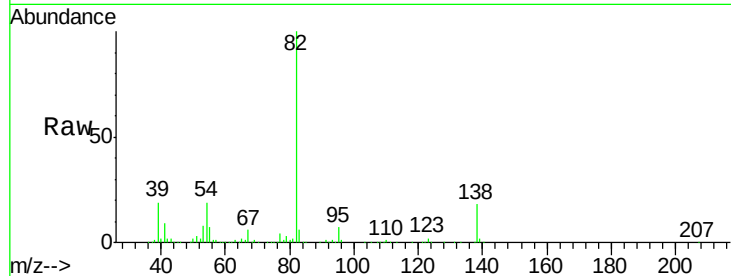
Tot Ion: 82 Resp: 637487

Ion Ratio Lower Upper

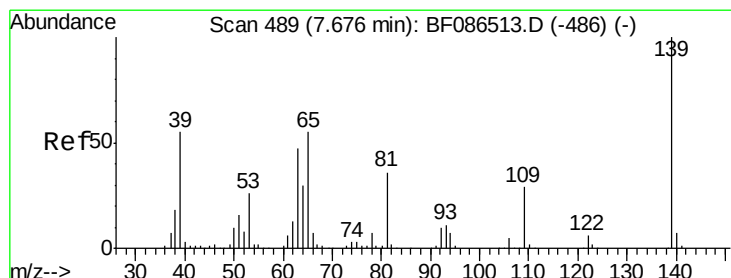
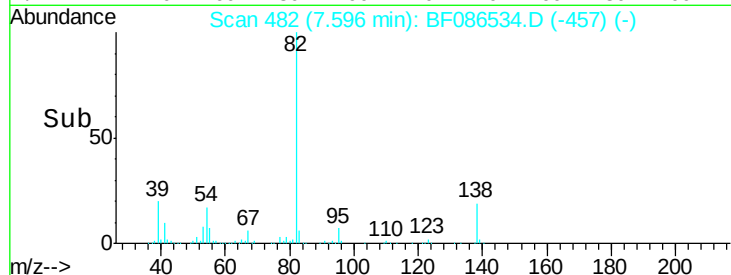
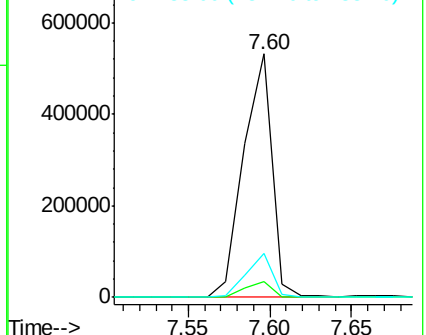
82 100

95 6.7 5.1 7.7

138 18.0 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 30.48 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

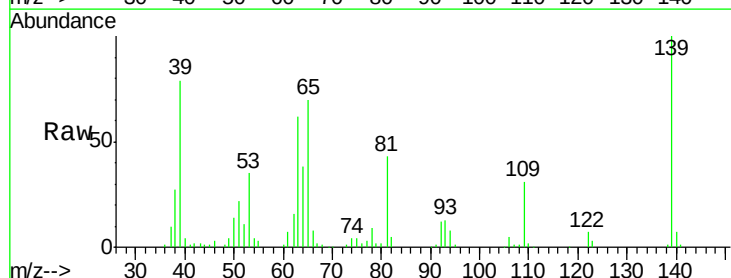
Tgt Ion: 139 Resp: 158275

Ion Ratio Lower Upper

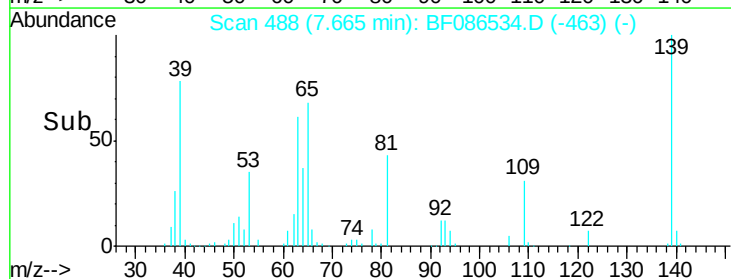
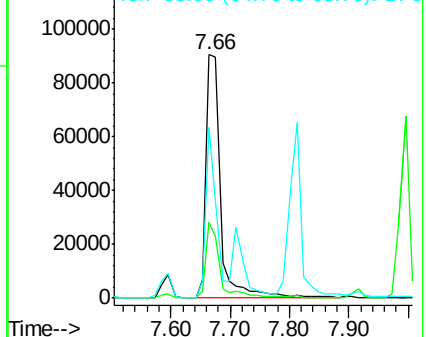
139 100

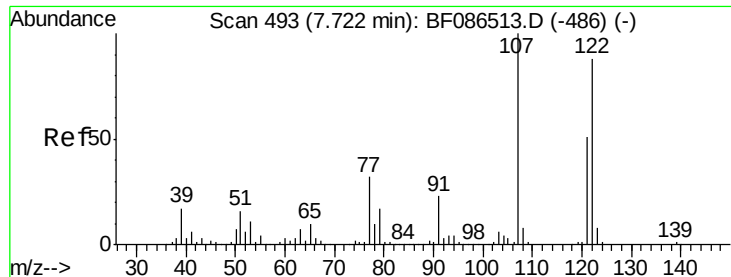
109 31.2 19.5 29.3#

65 70.1 37.5 56.3#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 30.48 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

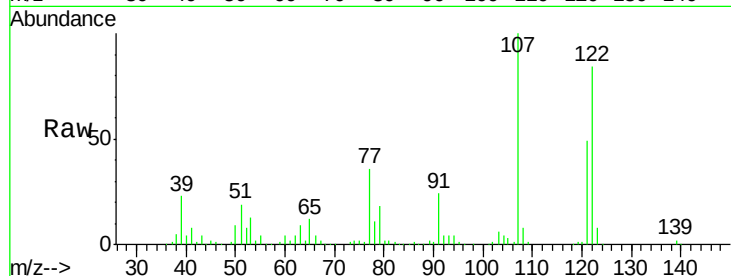
Tot Ion:122 Resp: 277719

Ion Ratio Lower Upper

122 100

107 118.5 82.0 123.0

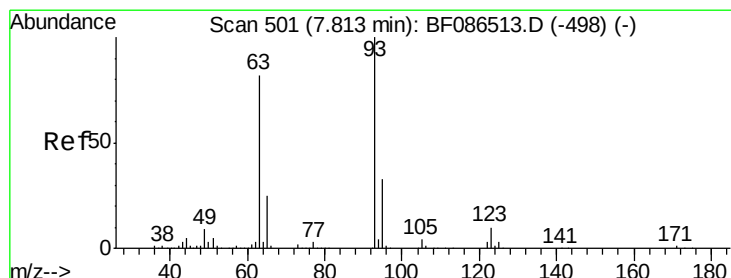
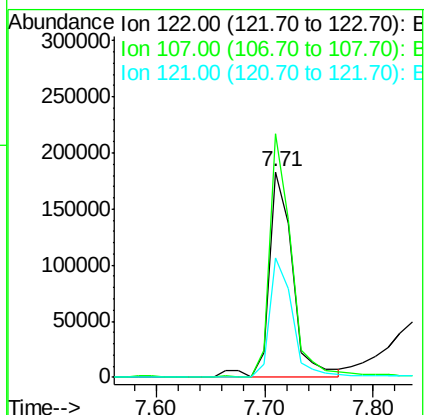
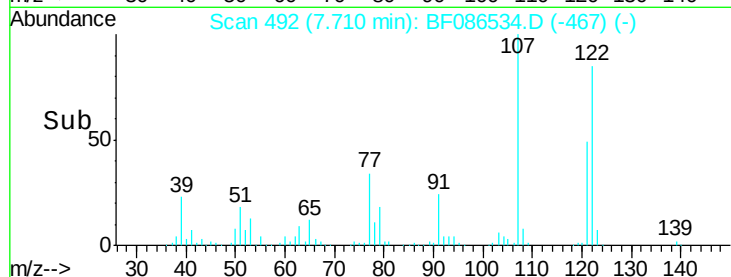
121 58.2 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.97 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

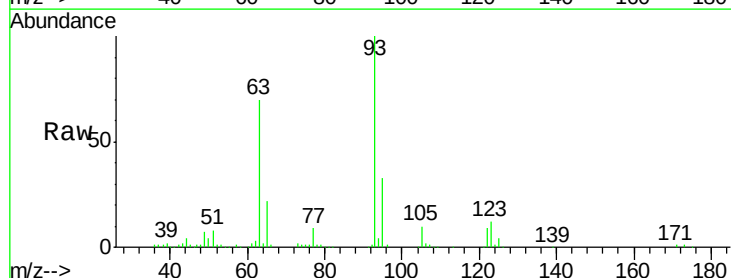
Tgt Ion: 93 Resp: 378998

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

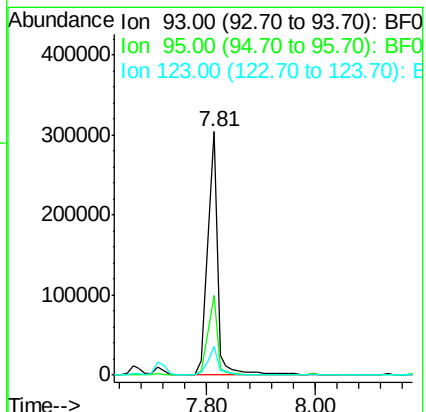
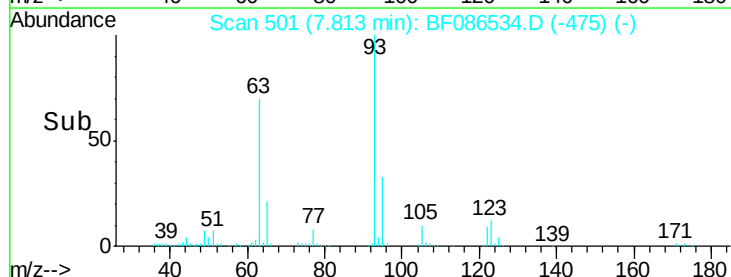
123 11.8 9.5 14.3

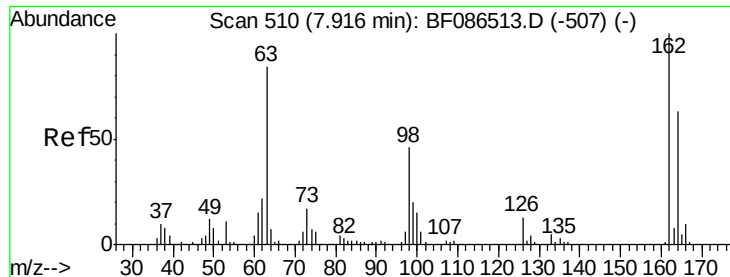


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

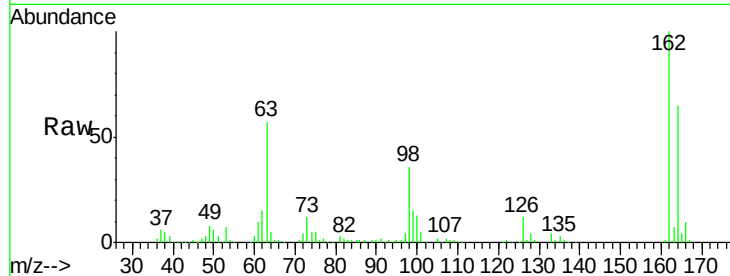




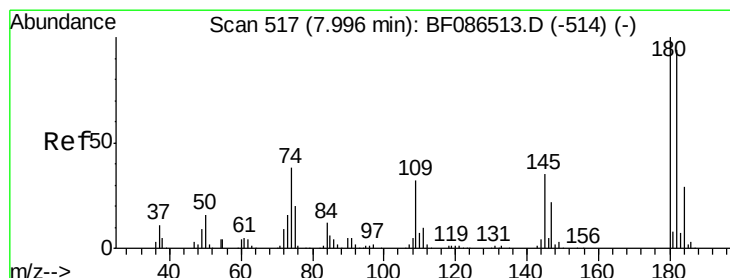
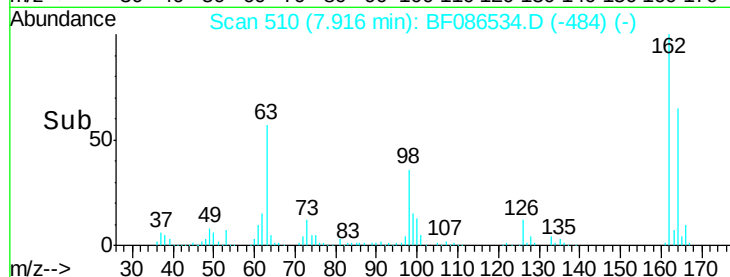
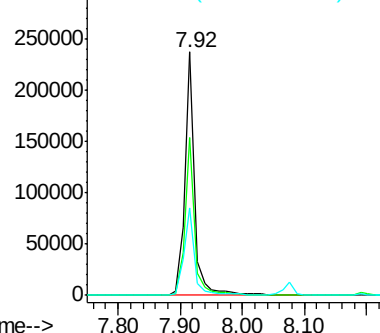
#29
2,4-Dichlorophenol
Concen: 33.98 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.2	82.2
98	36.1	19.0	59.0

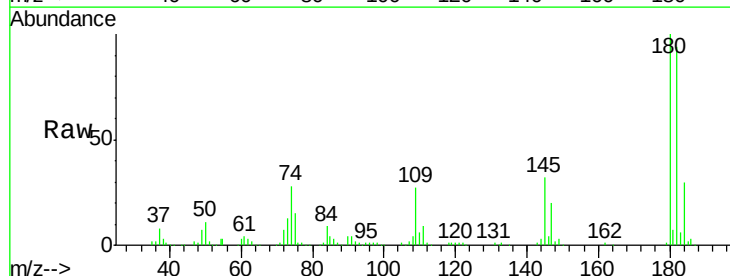


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

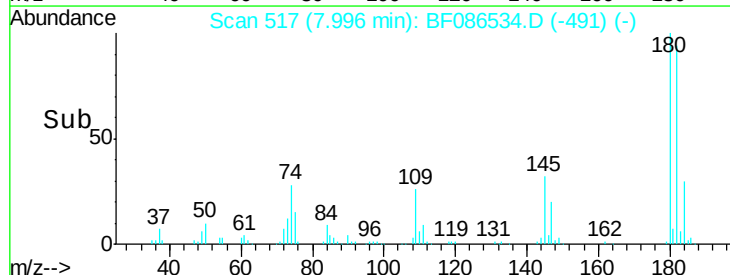
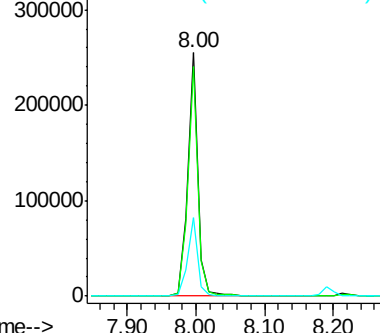


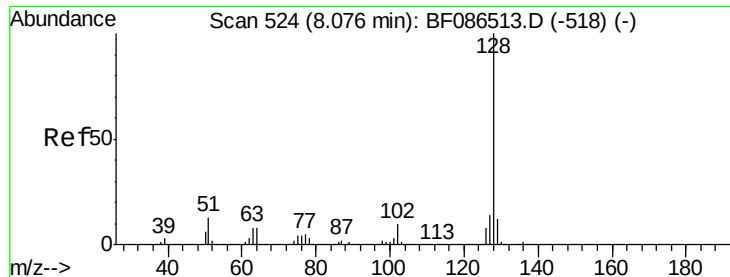
#30
1,2,4-Trichlorobenzene
Concen: 30.15 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	78.0	117.0
145	32.1	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 31.13 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

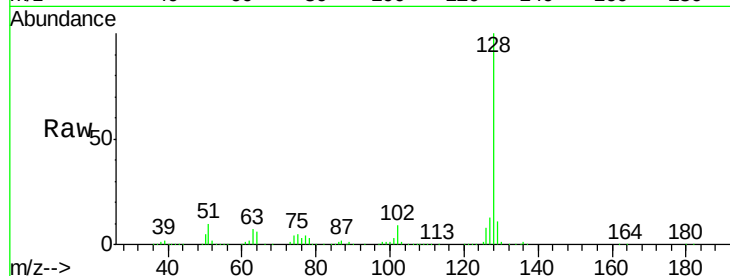
Tot Ion:128 Resp: 936002

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

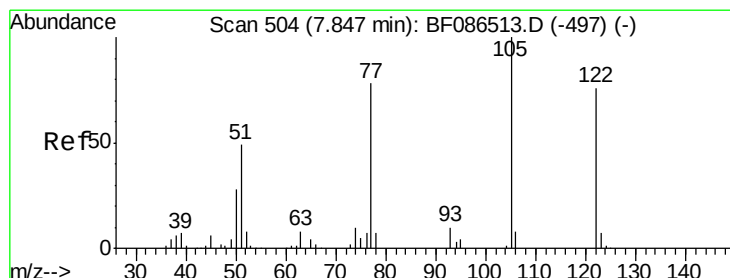
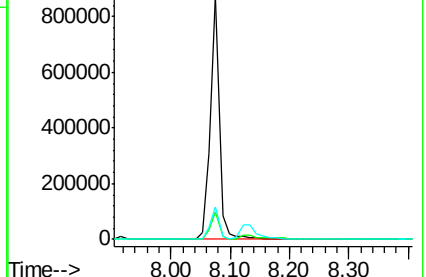
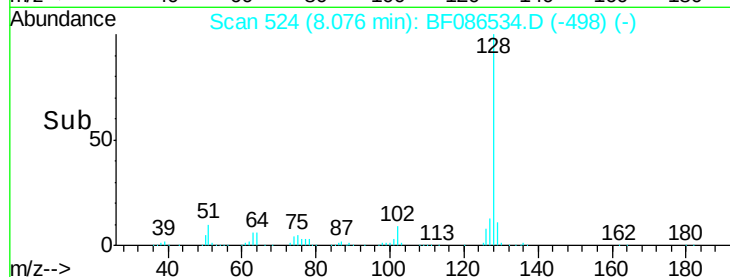
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.64 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

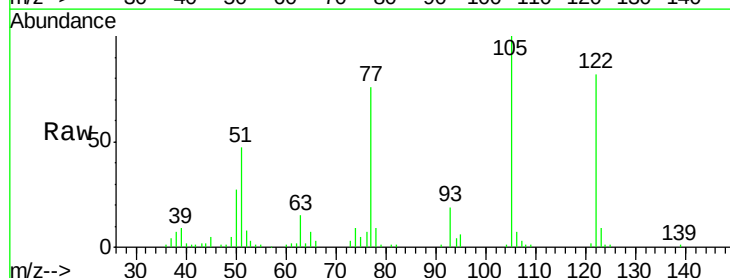
Tgt Ion:122 Resp: 127368

Ion Ratio Lower Upper

122 100

105 122.0 92.6 132.6

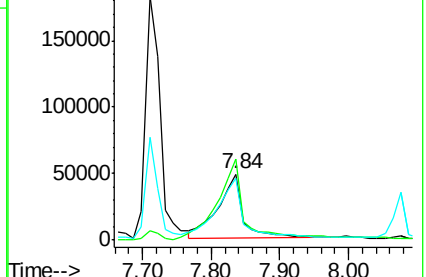
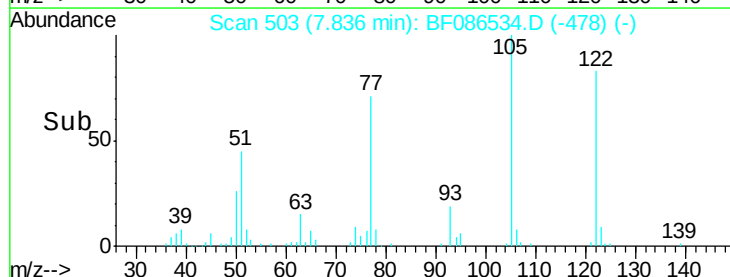
77 92.6 60.0 100.0

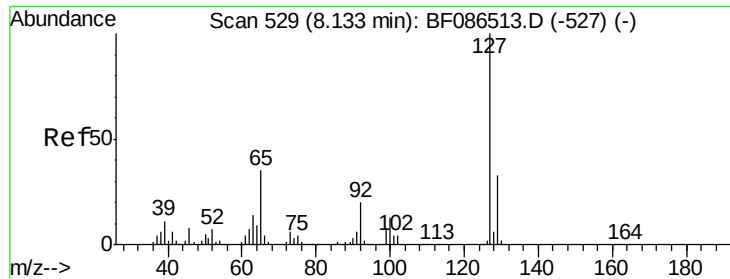


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

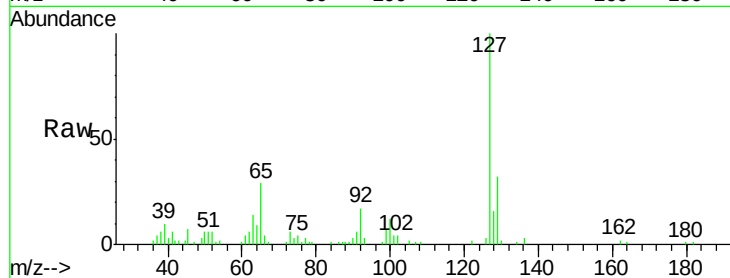




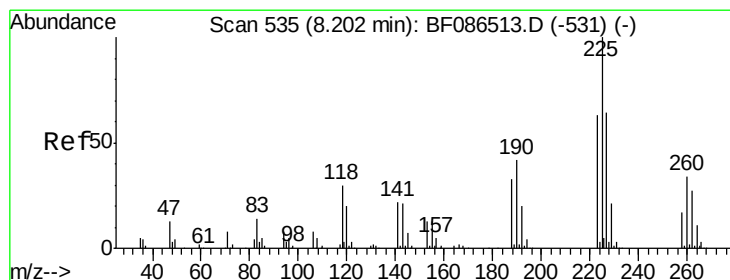
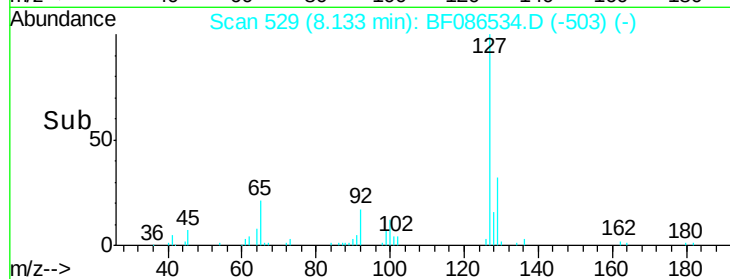
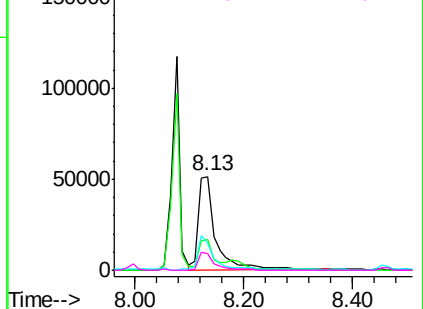
#33
4-Chloroaniline
Concen: 10.05 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	113219
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	29.2	23.0	34.4
92	17.4	15.1	22.7

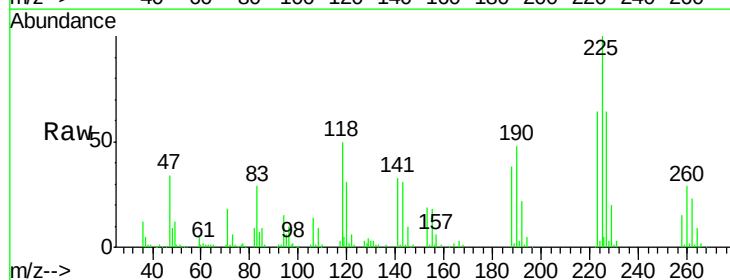


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

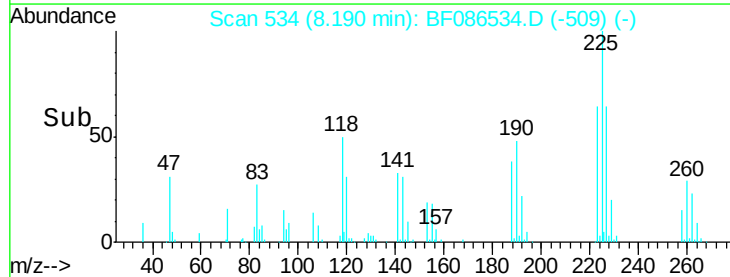
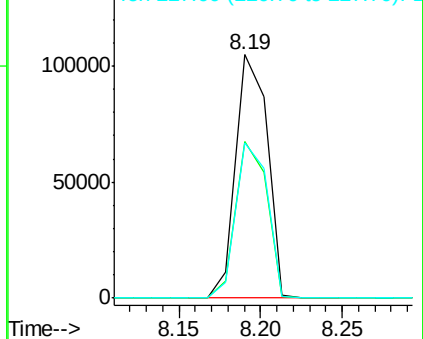


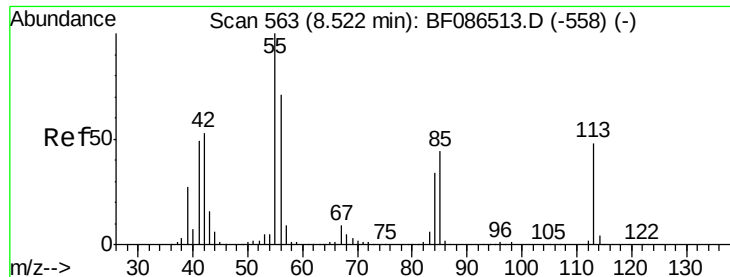
#34
Hexachlorobutadiene
Concen: 28.05 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:	225	Resp:	140246
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.5	77.3
227	63.7	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

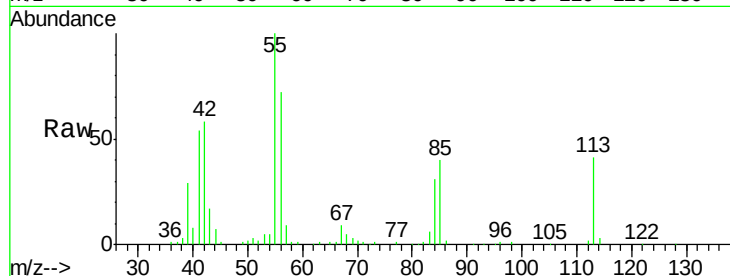




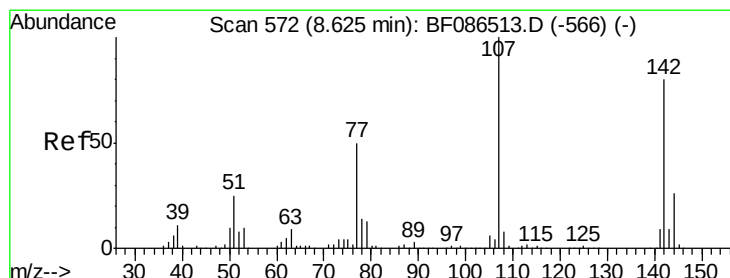
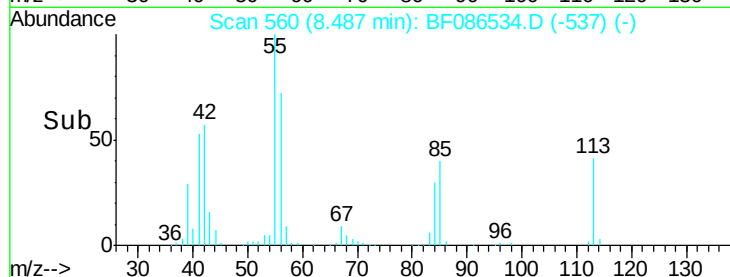
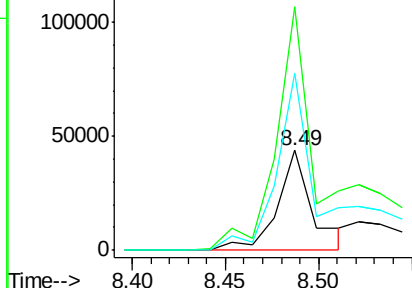
#35
Caprolactam
Concen: 22.31 ng
RT: 8.49 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 57217
Ion Ratio Lower Upper
113 100
55 243.7 162.0 202.0#
56 176.6 115.3 155.3#

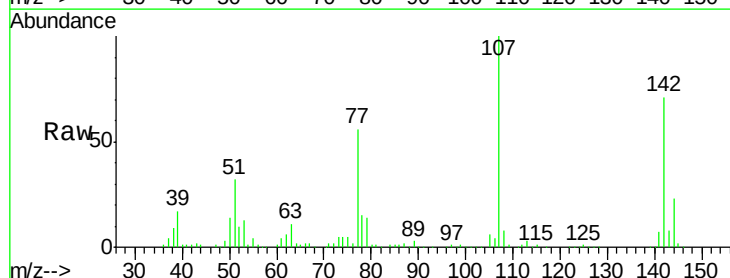


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

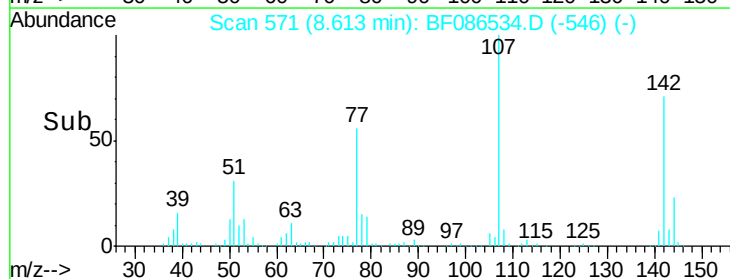
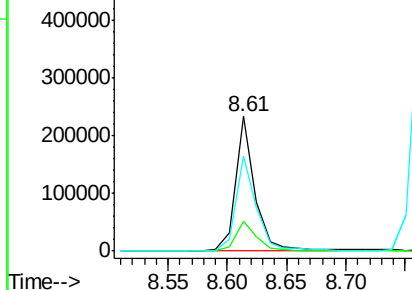


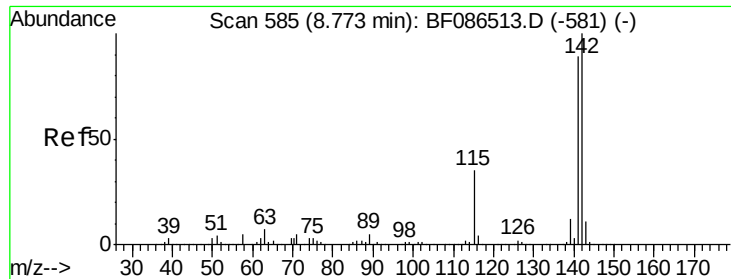
#36
4-Chloro-3-methylphenol
Concen: 30.53 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:107 Resp: 268734
Ion Ratio Lower Upper
107 100
144 22.5 20.7 31.1
142 70.7 63.2 94.8



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

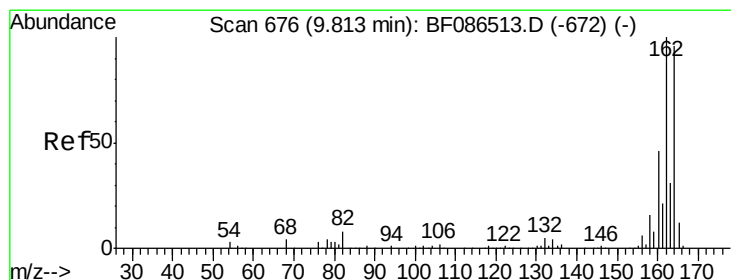
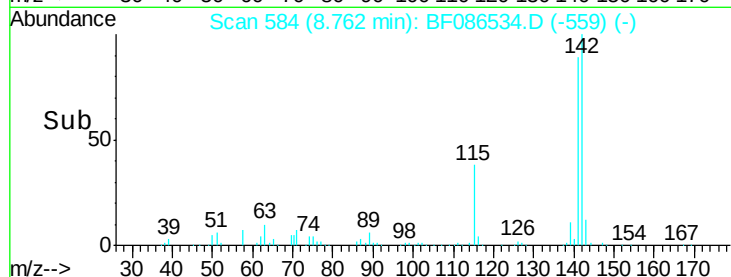
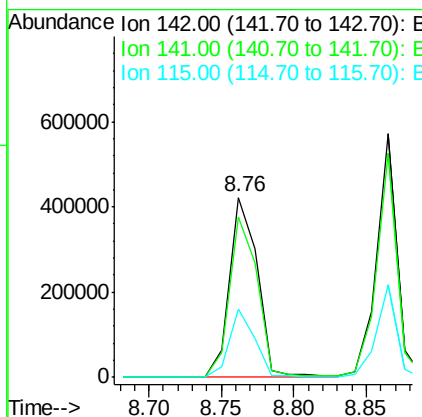
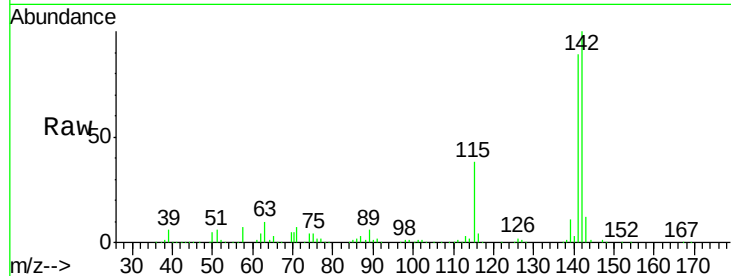




#37
2-Methylnaphthalene
Concen: 31.83 ng
RT: 8.76 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

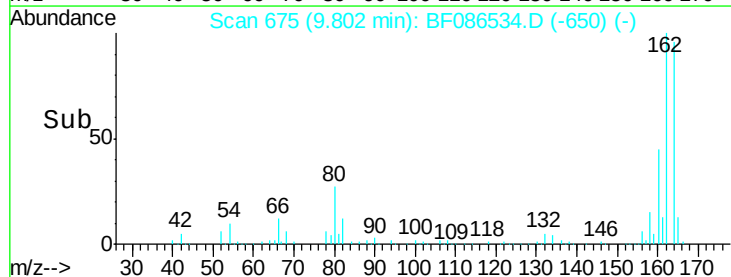
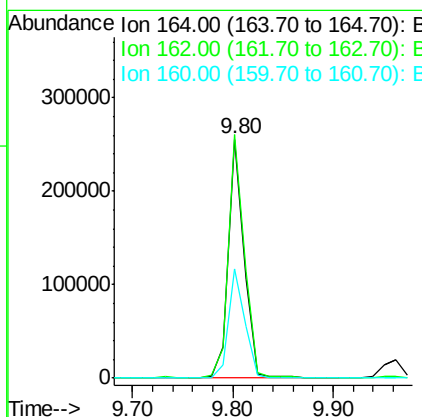
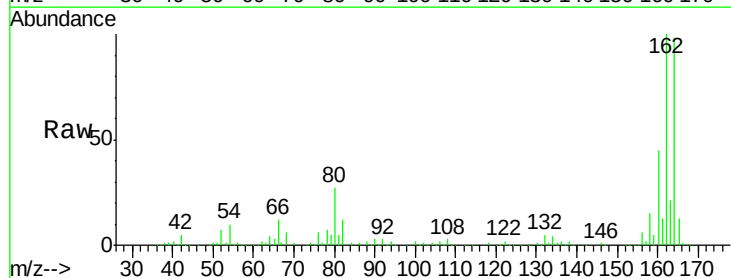
Instrument :
BNA_F
ClientSampleId :

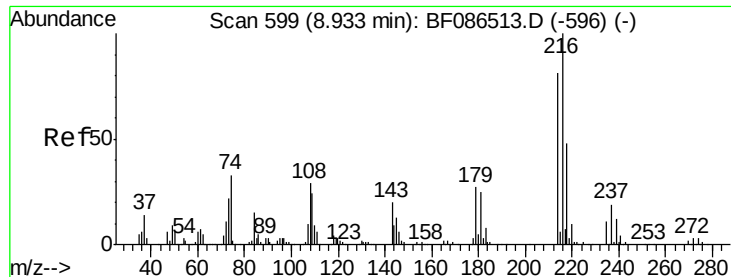
Tot Ion:142 Resp: 564792
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.6
115 37.7 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:164 Resp: 280234
Ion Ratio Lower Upper
164 100
162 101.9 82.8 124.2
160 45.7 36.9 55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.71 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 246324

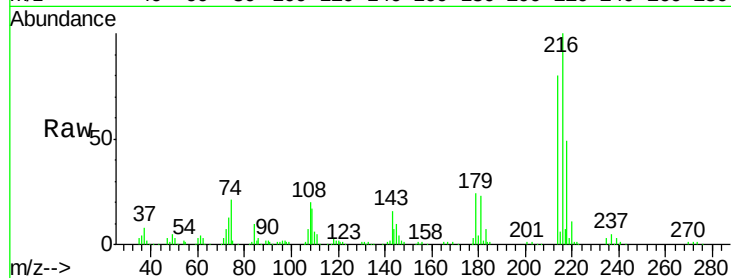
Ion Ratio Lower Upper

216 100

214 79.5 62.6 93.8

179 23.1 18.2 27.4

108 25.2 17.5 26.3

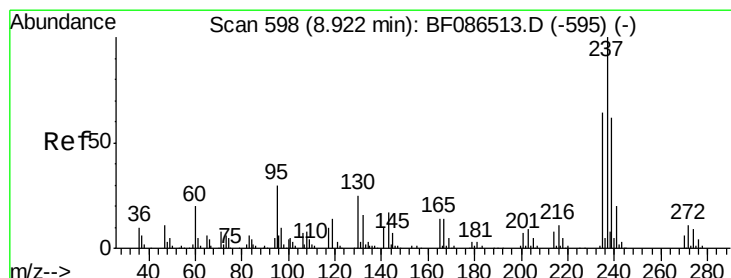
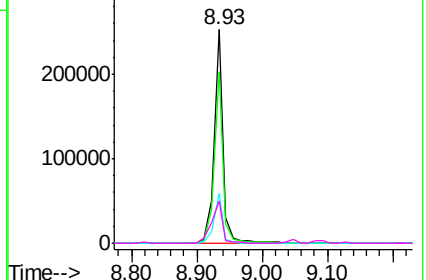
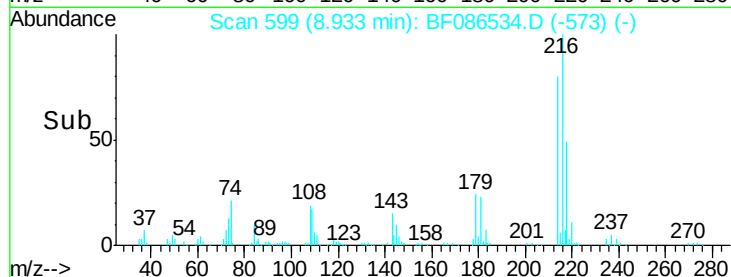


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 61.52 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

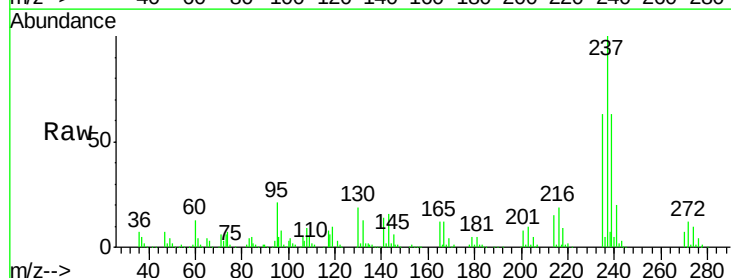
Tgt Ion:237 Resp: 245230

Ion Ratio Lower Upper

237 100

235 63.0 47.2 87.2

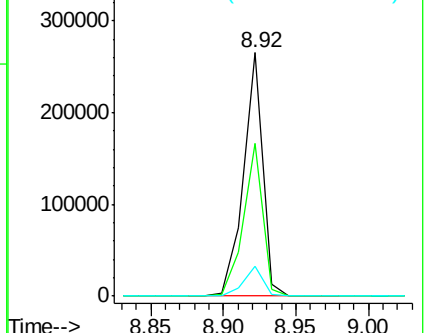
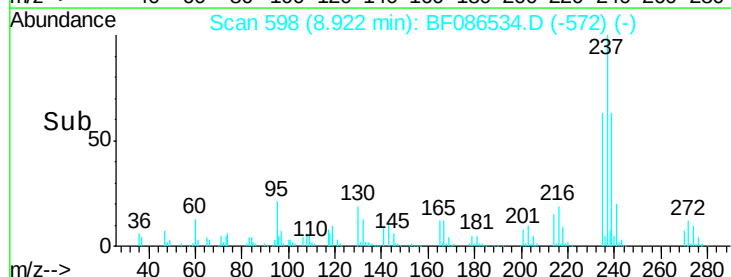
272 12.4 0.0 31.1

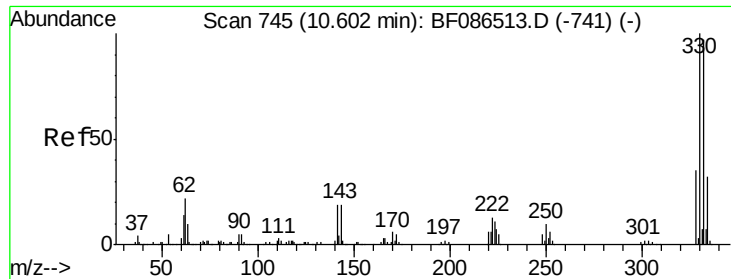


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

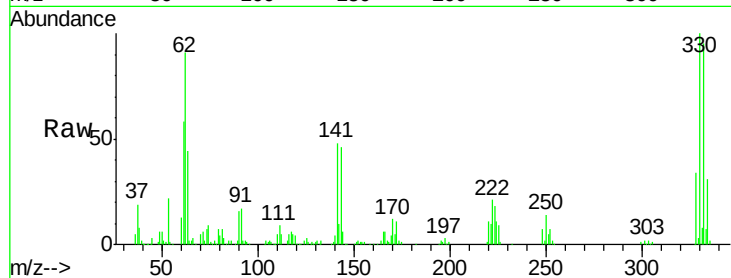




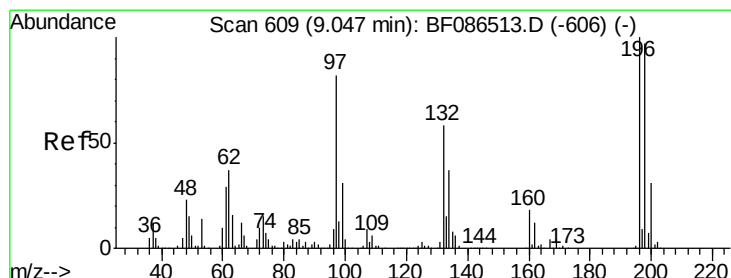
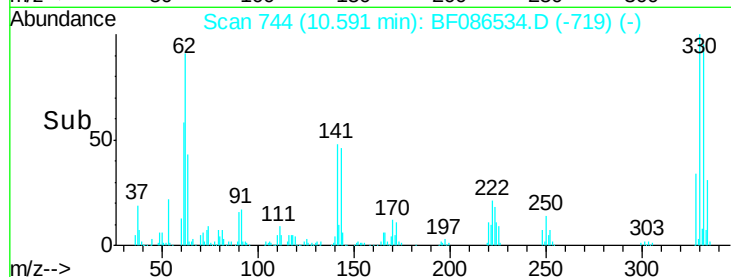
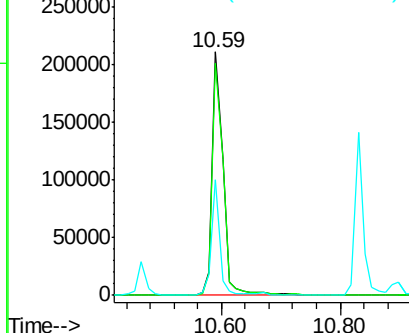
#41
 2,4,6-Tribromophenol
 Concen: 90.90 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 268628
 Ion Ratio Lower Upper
 330 100
 332 97.2 79.0 118.4
 141 35.6 31.2 46.8

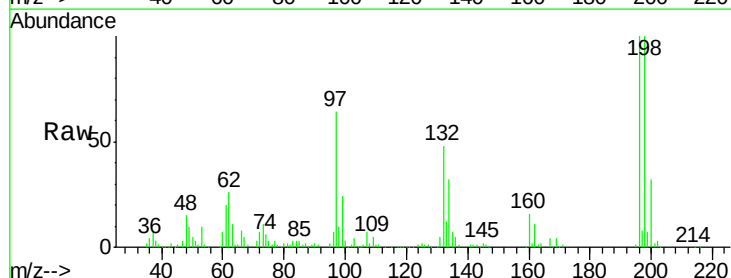


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

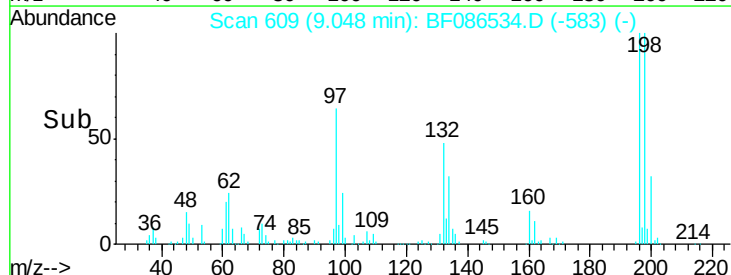
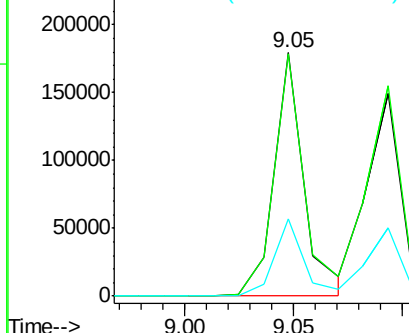


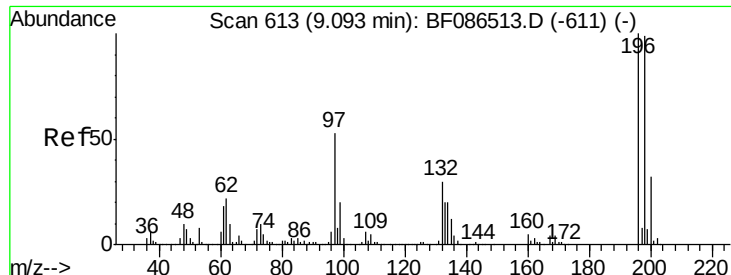
#42
 2,4,6-Trichlorophenol
 Concen: 34.30 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:196 Resp: 173915
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.7 112.1
 200 31.5 23.8 35.6



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

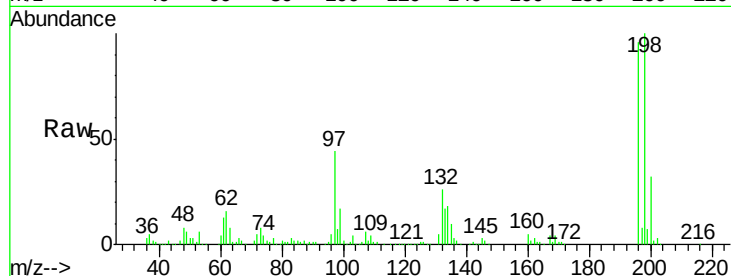




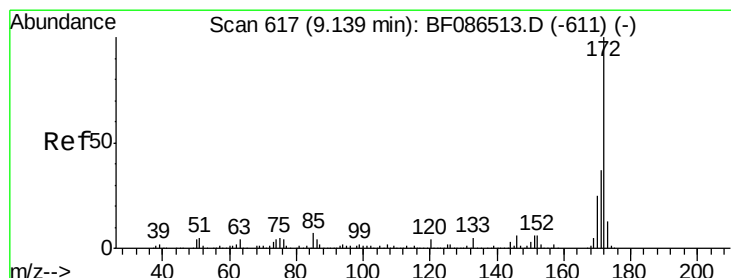
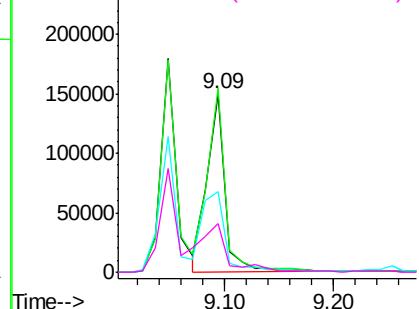
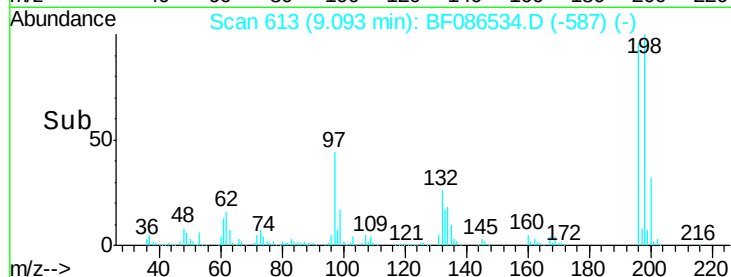
#43
 2,4,5-Trichlorophenol
 Concen: 31.32 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 173068
 Ion Ratio Lower Upper
 196 100
 198 103.8 77.5 116.3
 97 45.2 34.8 52.2
 132 27.1 23.0 34.4

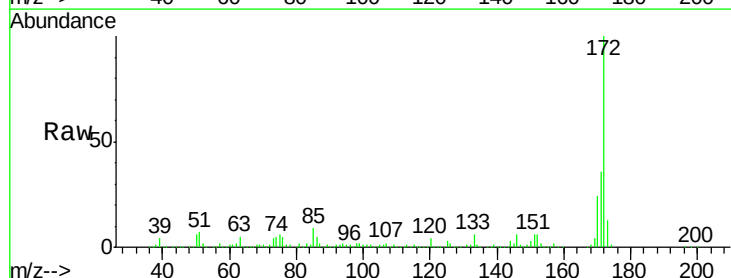


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

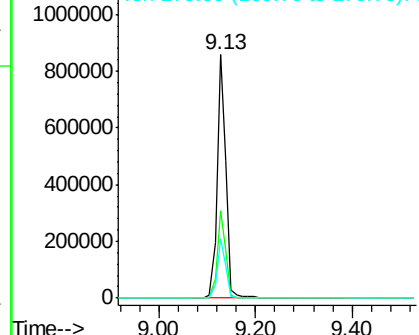
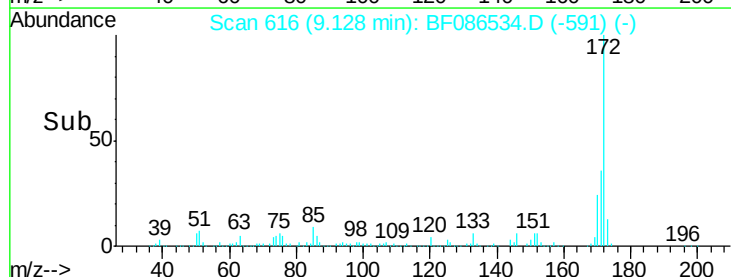


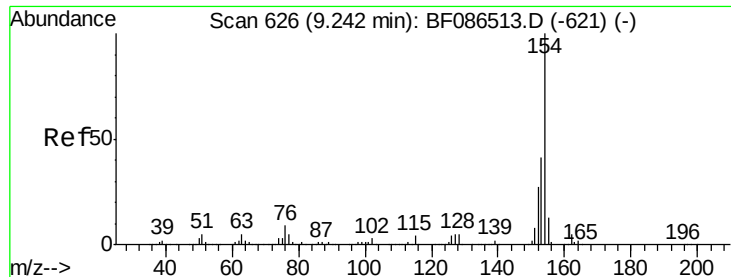
#44
 2-Fluorobiphenyl
 Concen: 65.55 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:172 Resp: 1107657
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.3 19.8 29.8



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

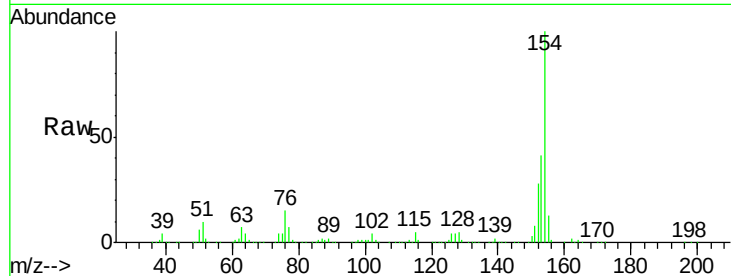




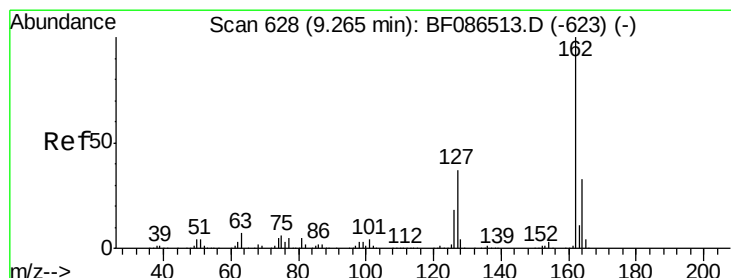
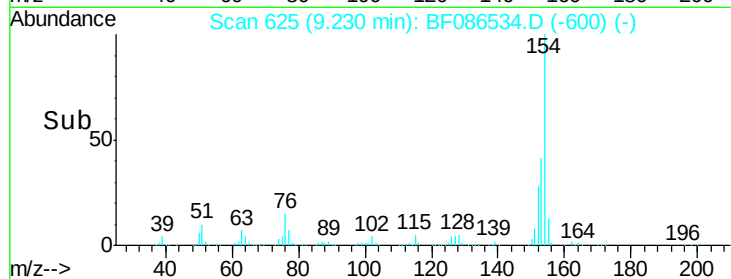
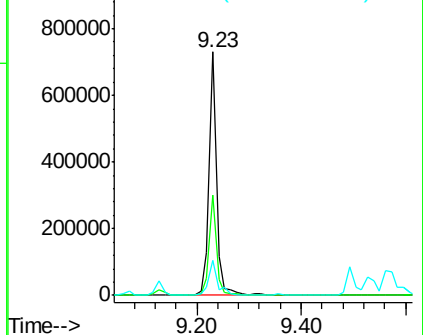
#45
 1,1'-Biphenyl
 Concen: 31.12 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.3	60.3
76	14.6	0.0	30.2

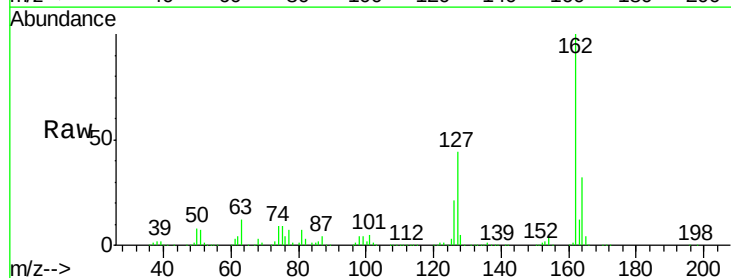


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

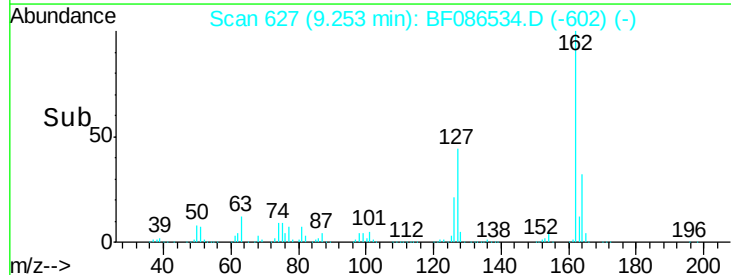
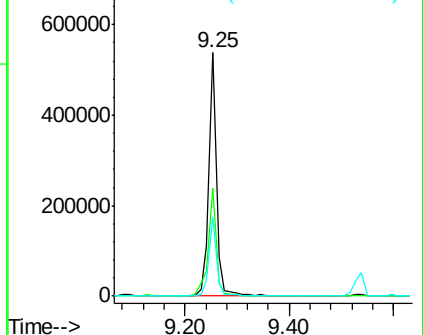


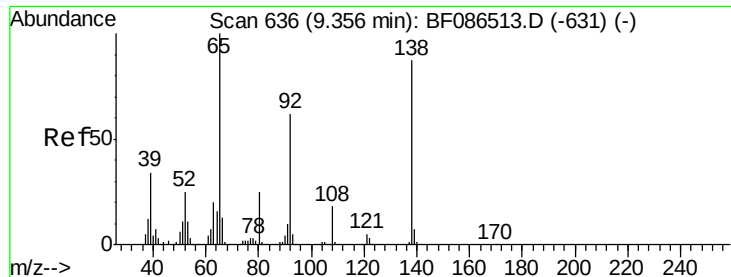
#46
 2-Chloronaphthalene
 Concen: 30.76 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.3	31.8	47.6
164	32.5	27.0	40.6



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

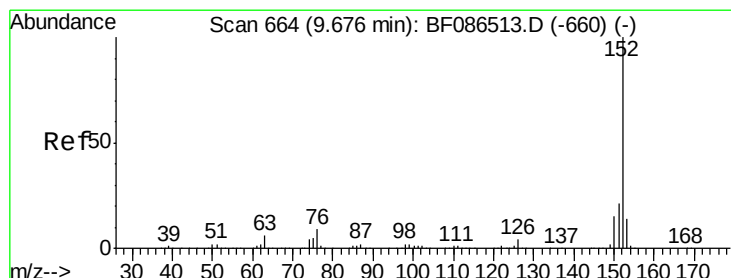
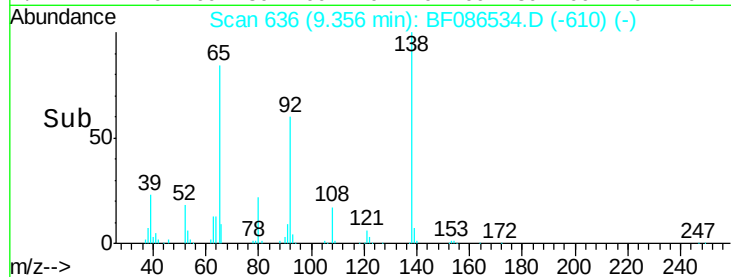
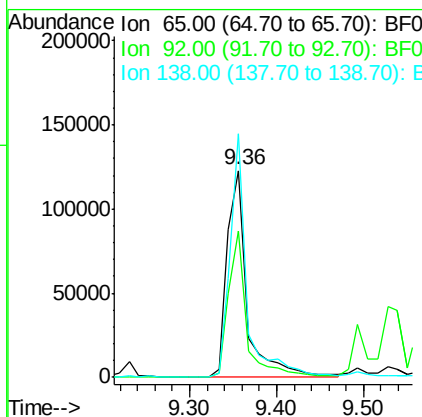
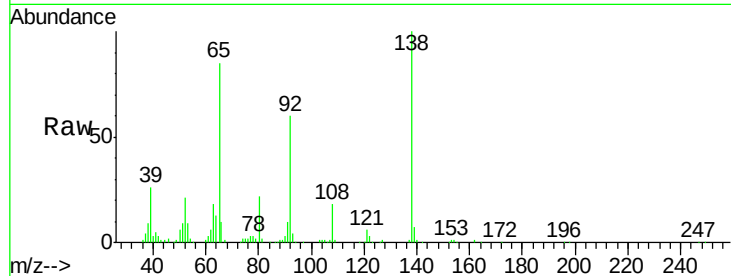




#47
2-Nitroaniline
Concen: 34.70 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

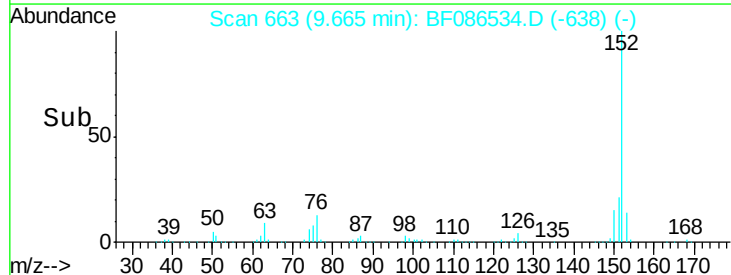
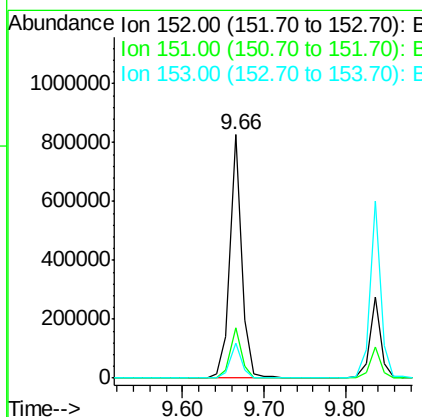
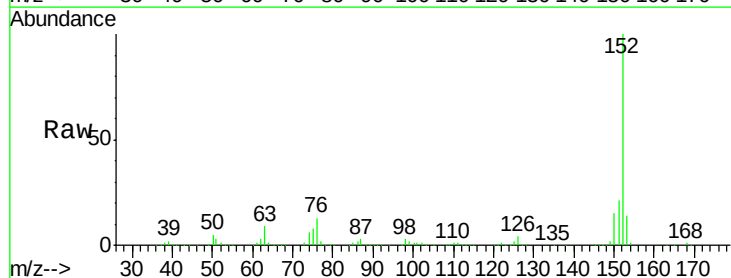
Instrument :
BNA_F
ClientSampleId :

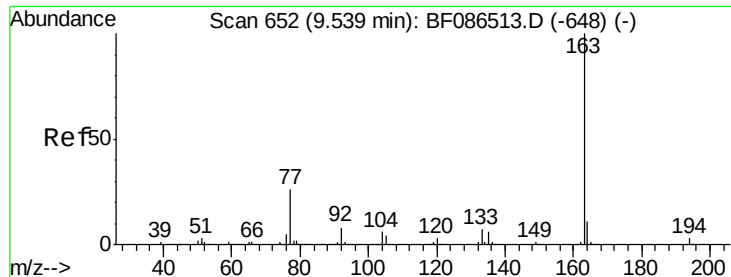
Tot Ion: 65 Resp: 198169
Ion Ratio Lower Upper
65 100
92 70.5 57.4 86.2
138 117.6 90.1 135.1



#48
Acenaphthylene
Concen: 29.85 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion: 152 Resp: 830968
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 14.4 10.9 16.3

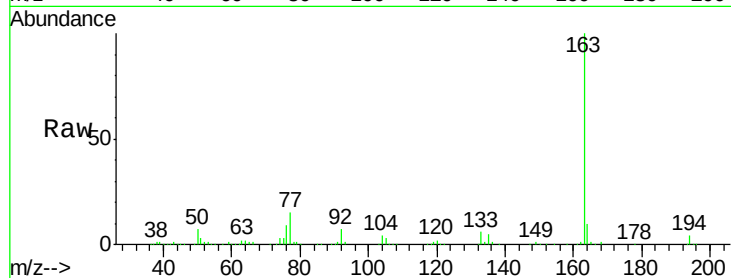




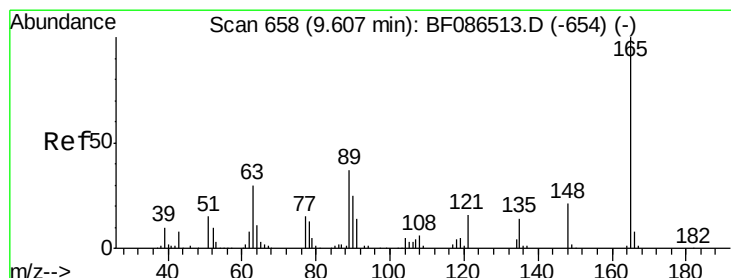
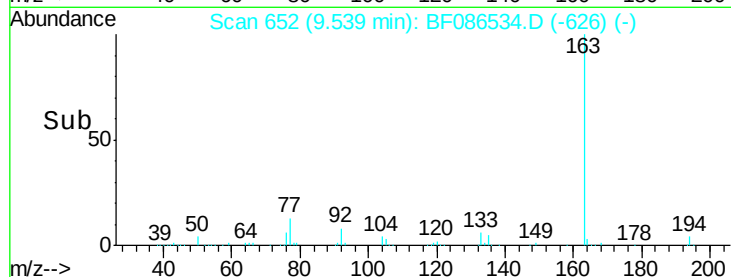
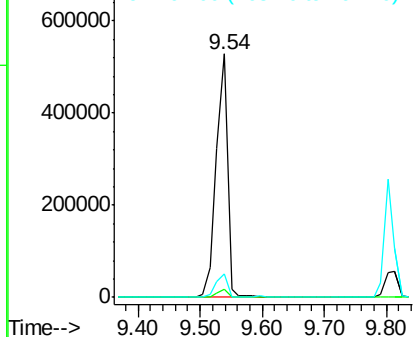
#49
Dimethylphthalate
Concen: 31.25 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 659310
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.6 8.2 12.4

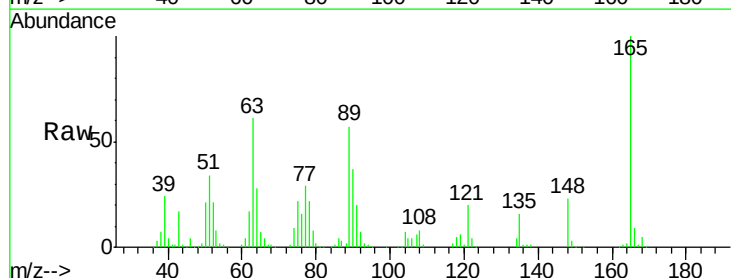


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

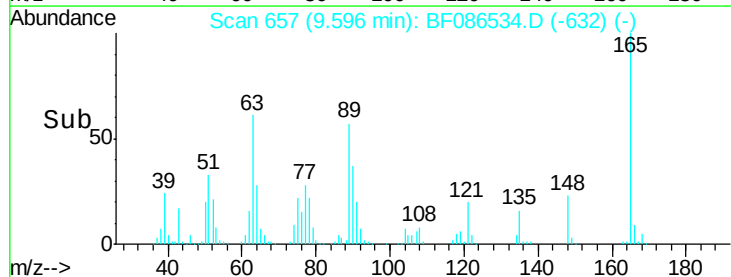
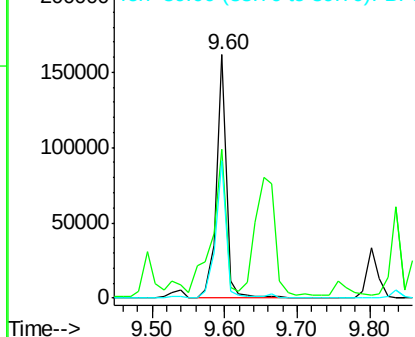


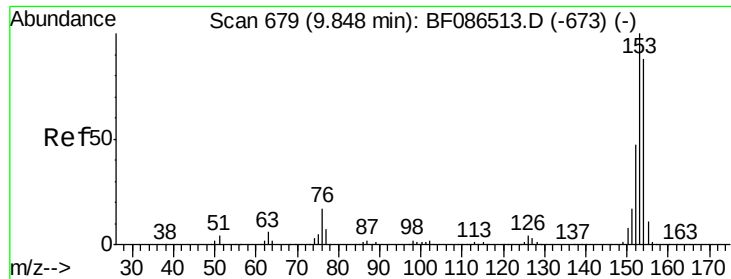
#50
2,6-Dinitrotoluene
Concen: 35.37 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:165 Resp: 154172
Ion Ratio Lower Upper
165 100
63 61.4 51.8 77.8
89 56.6 50.7 76.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.48 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

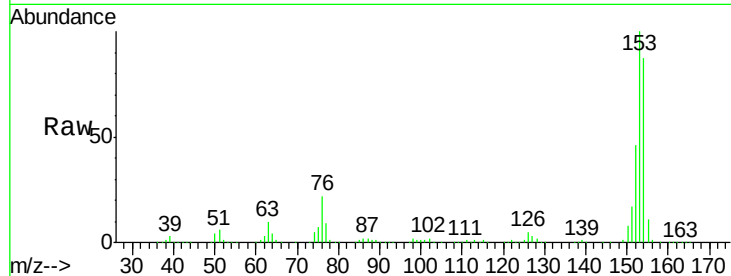
Tot Ion:154 Resp: 598731

Ion Ratio Lower Upper

154 100

153 115.1 89.8 134.6

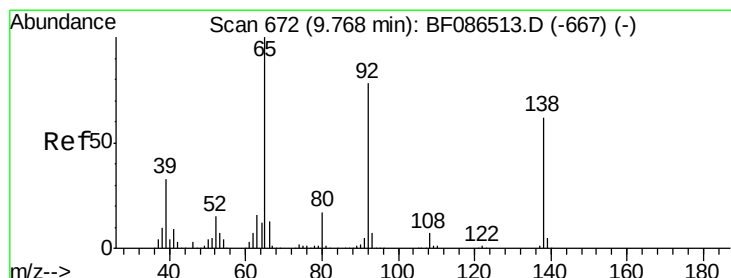
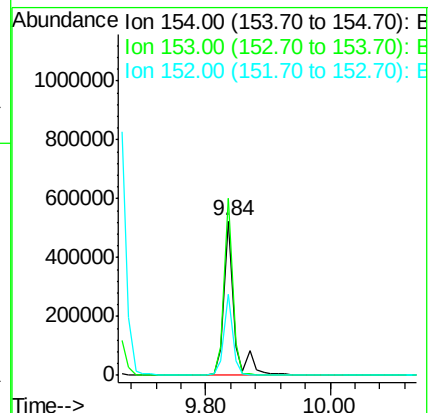
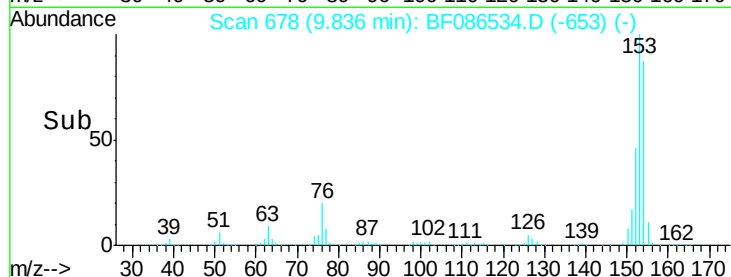
152 52.9 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.00 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

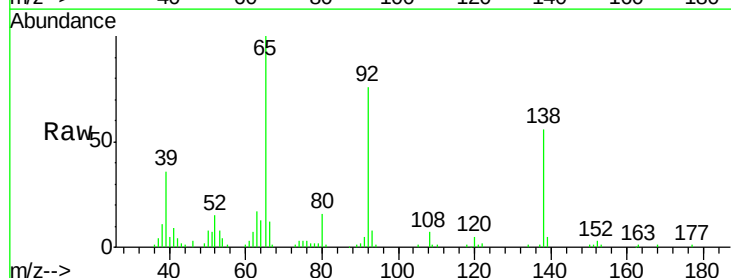
Tgt Ion:138 Resp: 74374

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.6#

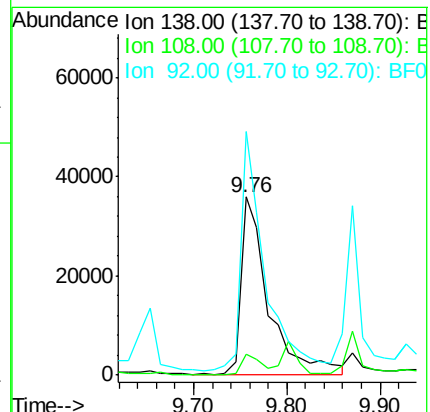
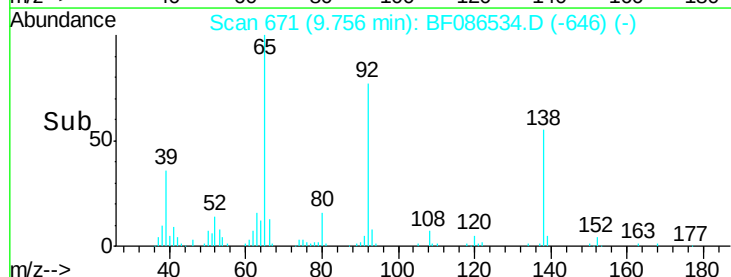
92 137.0 87.8 131.8#

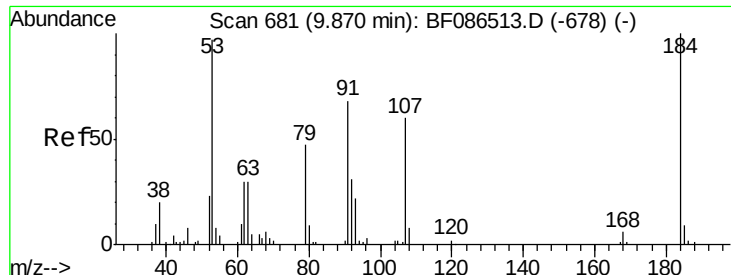


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

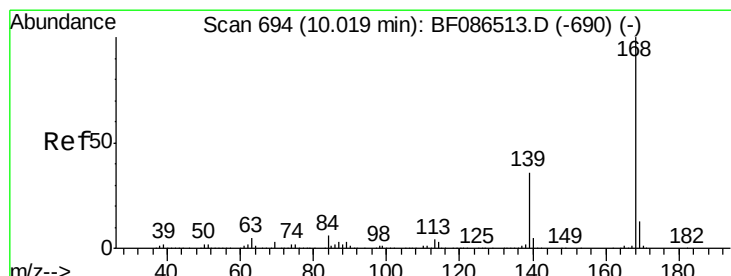
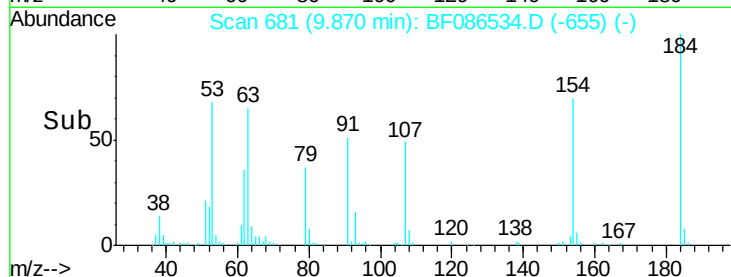
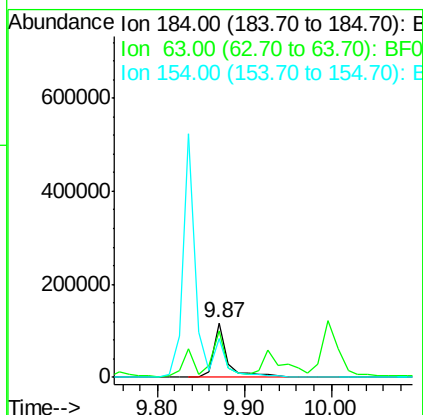
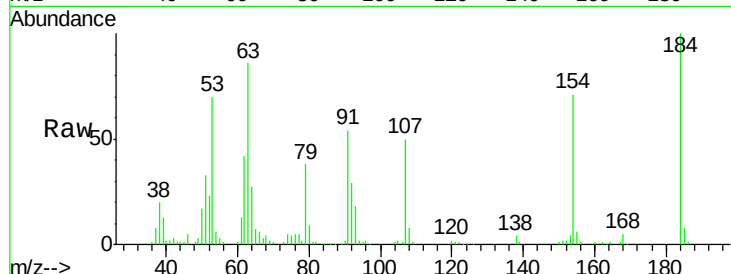




#53
2,4-Dinitrophenol
Concen: 59.04 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

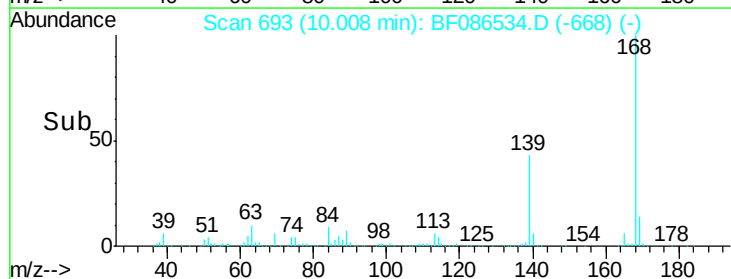
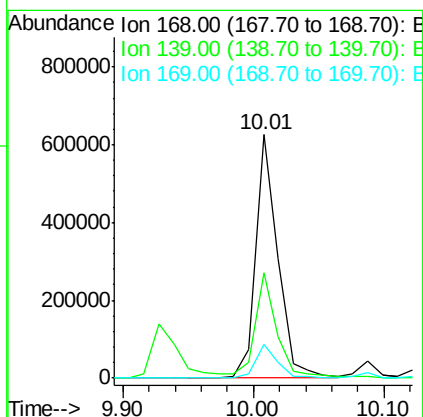
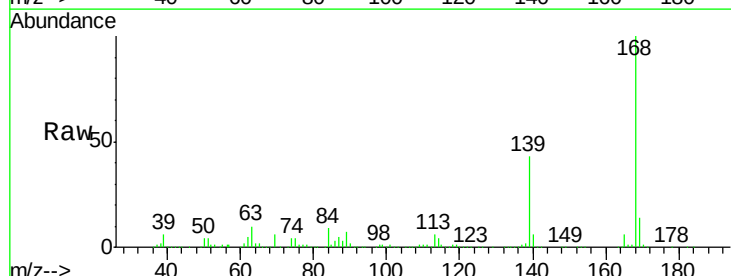
Instrument :
BNA_F
ClientSampleId :

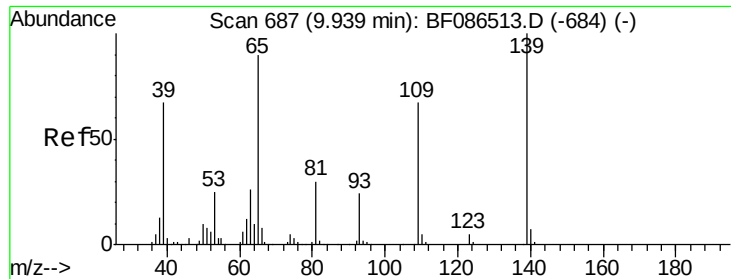
Tot Ion:184 Resp: 135275
Ion Ratio Lower Upper
184 100
63 85.6 55.8 83.8#
154 70.8 62.4 93.6



#54
Dibenzofuran
Concen: 33.17 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:168 Resp: 741328
Ion Ratio Lower Upper
168 100
139 43.1 31.4 47.0
169 13.8 10.7 16.1

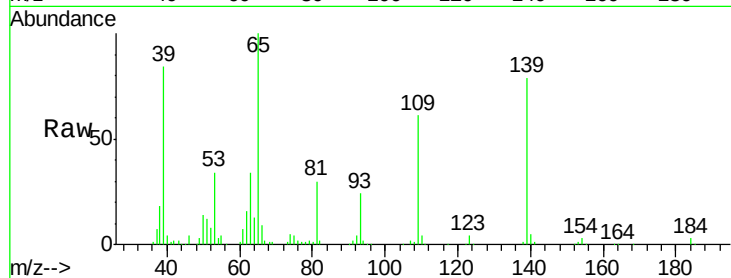




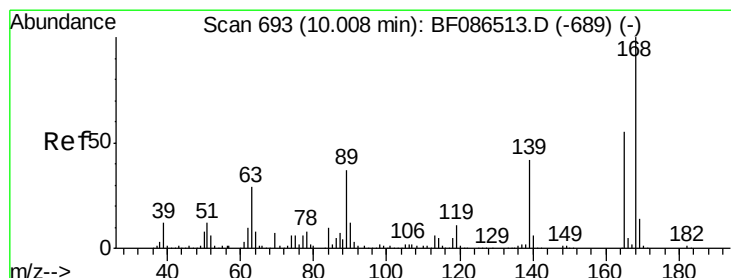
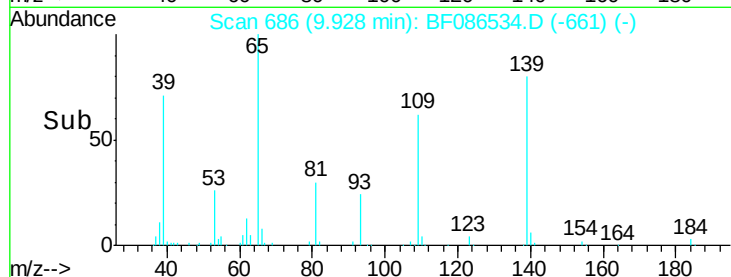
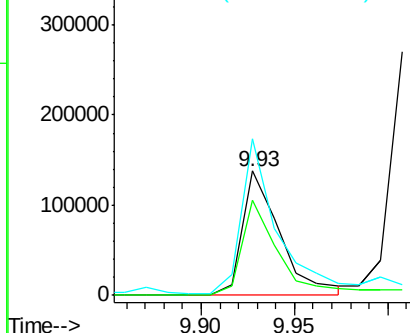
#55
4-Nitrophenol
Concen: 59.80 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 194089
Ion Ratio Lower Upper
139 100
109 76.9 36.9 76.9#
65 126.5 64.0 104.0#

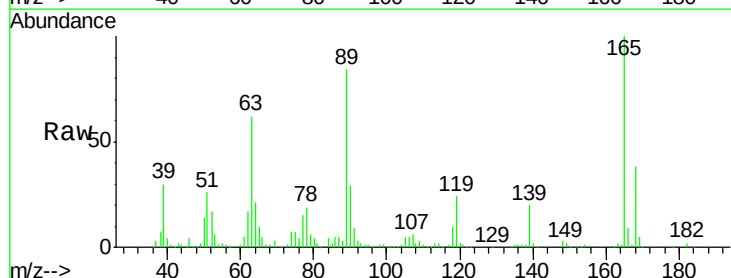


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

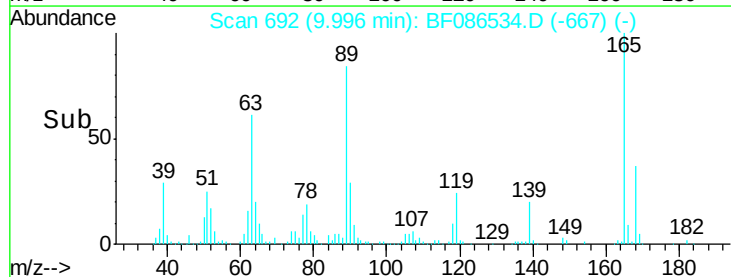
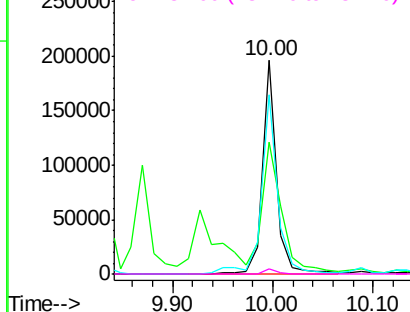


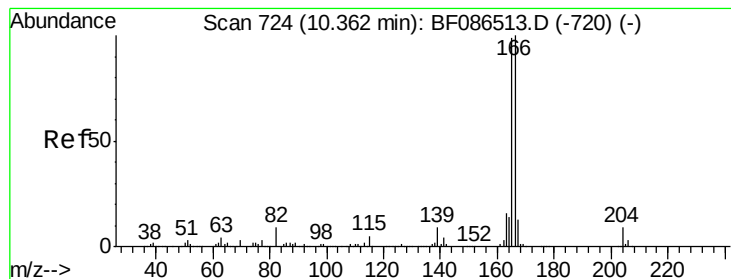
#56
2,4-Dinitrotoluene
Concen: 34.14 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:165 Resp: 189701
Ion Ratio Lower Upper
165 100
63 62.0 44.3 66.5
89 84.1 70.0 105.0
182 2.3 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 30.11 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

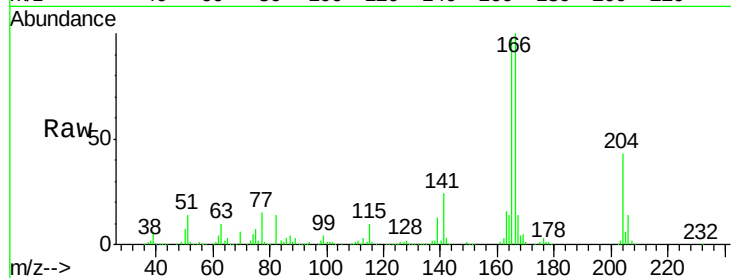
Tot Ion:166 Resp: 584302

Ion Ratio Lower Upper

166 100

165 98.2 79.0 118.6

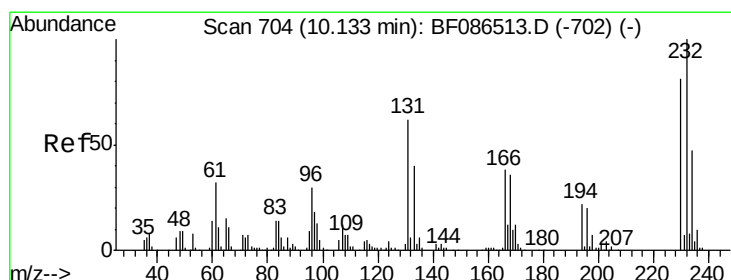
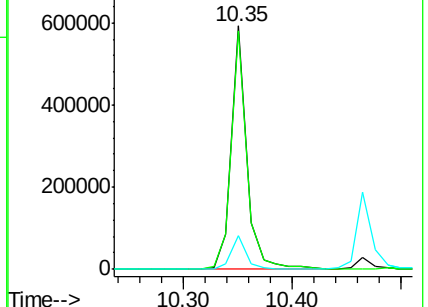
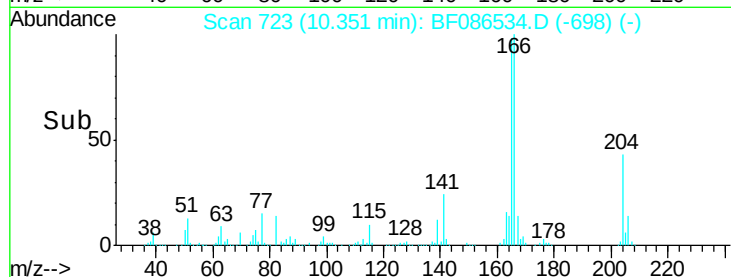
167 14.0 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.32 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Tgt Ion:232 Resp: 156915

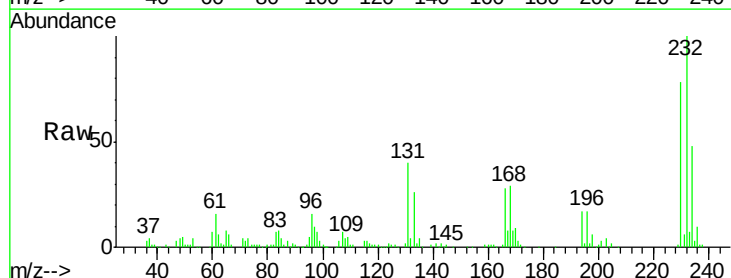
Ion Ratio Lower Upper

232 100

131 47.7 41.9 62.9

130 2.4 2.2 3.4

166 28.7 26.8 40.2

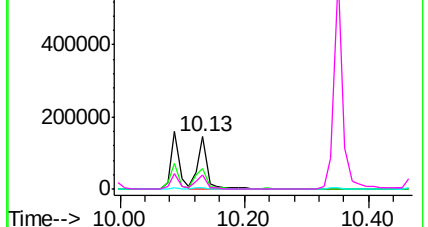
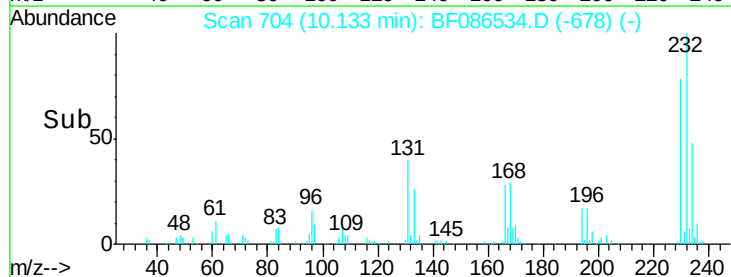


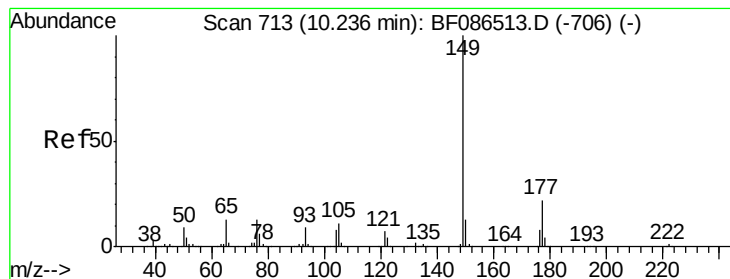
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 33.40 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

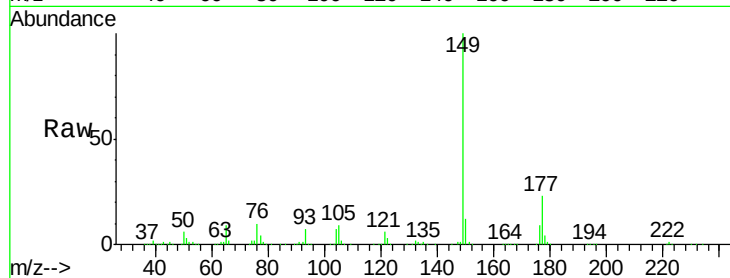
Tot Ion:149 Resp: 666969

Ion Ratio Lower Upper

149 100

177 22.9 16.6 24.8

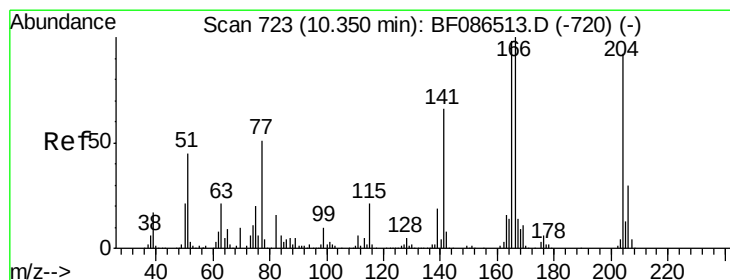
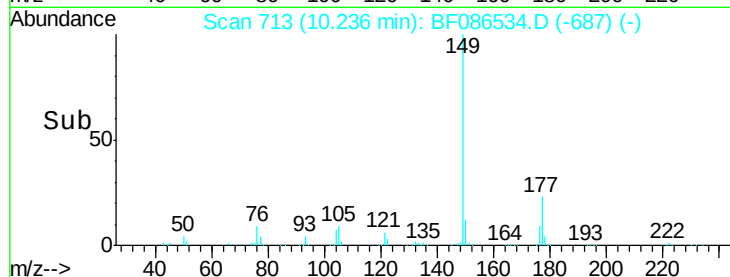
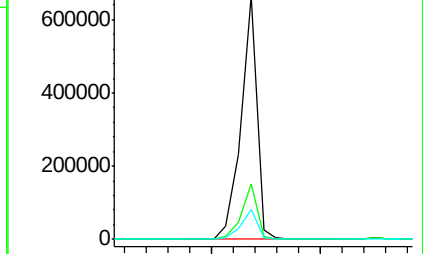
150 12.5 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 31.62 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

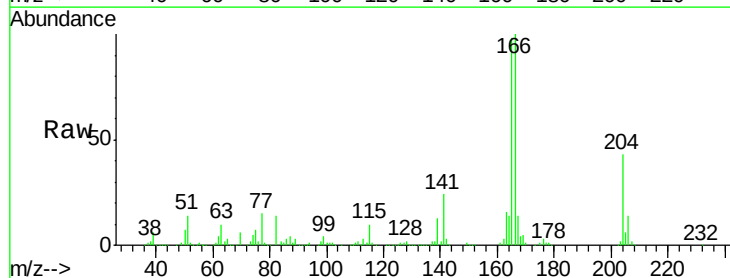
Tgt Ion:204 Resp: 278525

Ion Ratio Lower Upper

204 100

206 33.4 25.4 38.0

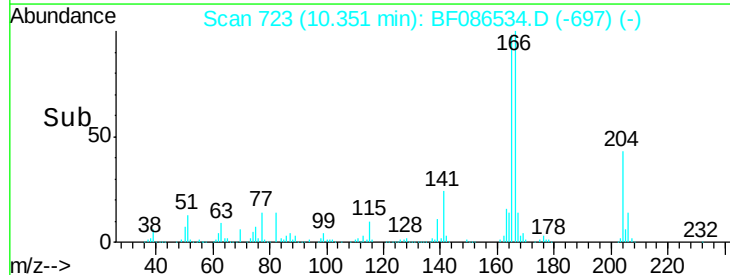
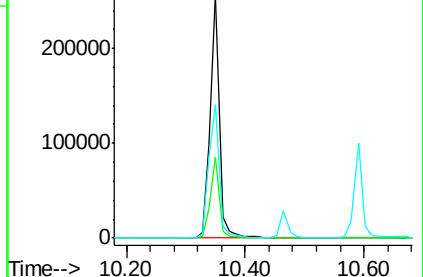
141 55.1 61.6 92.4#

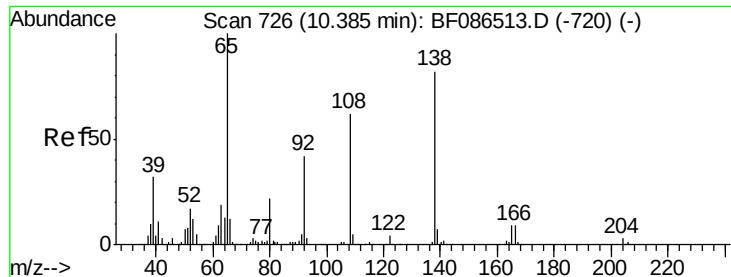


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

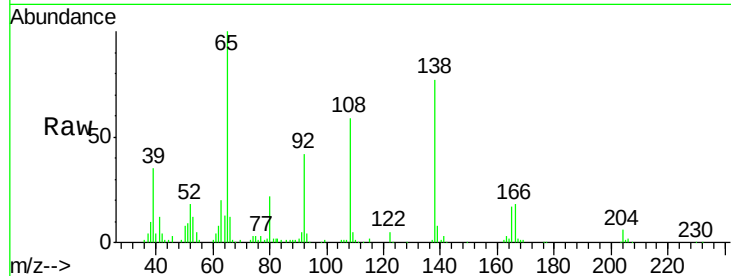




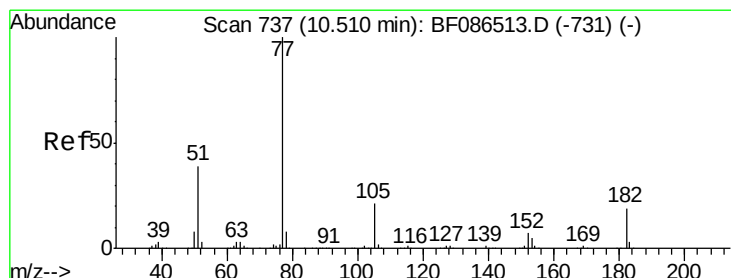
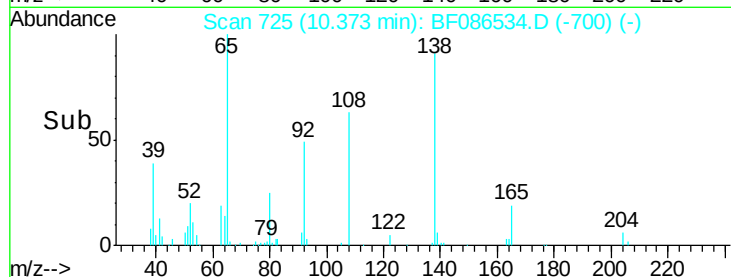
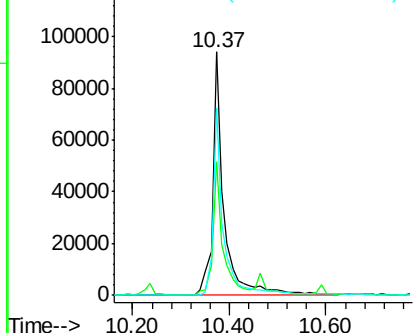
#61
4-Nitroaniline
Concen: 32.46 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 157263
Ion Ratio Lower Upper
138 100
92 54.7 24.7 64.7
108 77.1 37.4 77.4

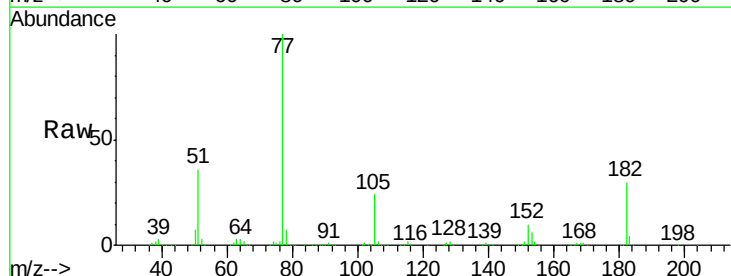


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

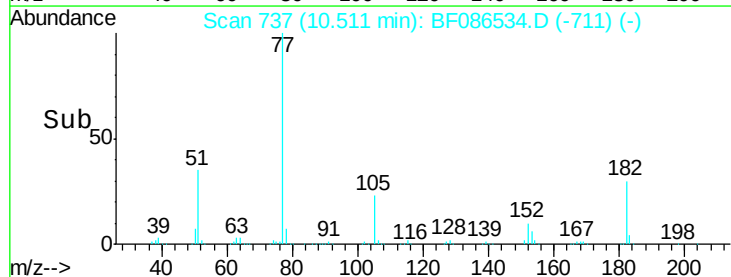
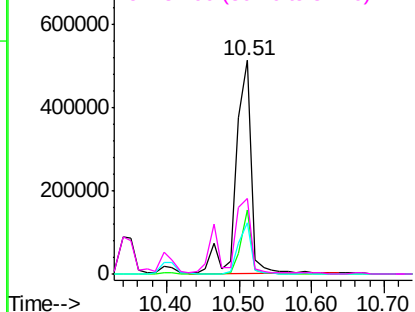


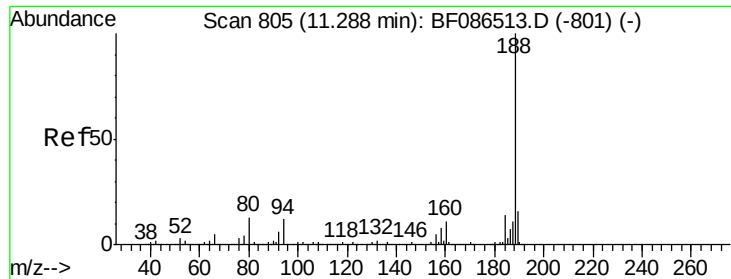
#62
Azobenzene
Concen: 33.97 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion: 77 Resp: 743171
Ion Ratio Lower Upper
77 100
182 29.7 0.0 38.8
105 23.9 3.2 43.2
51 35.6 8.8 48.8



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

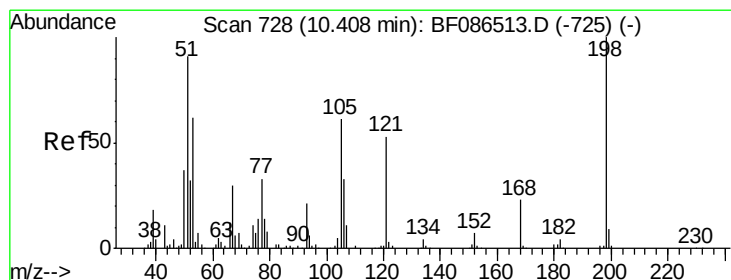
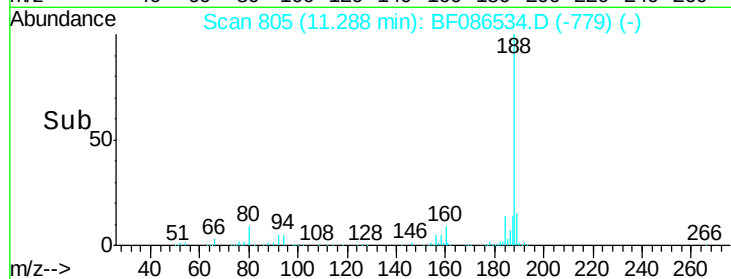
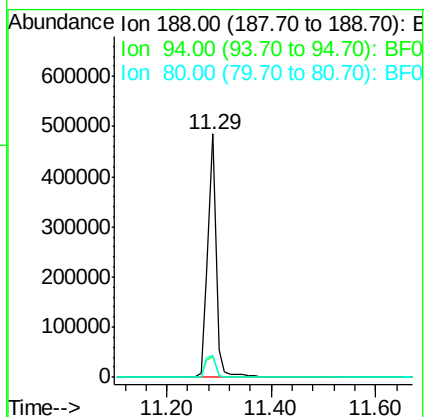
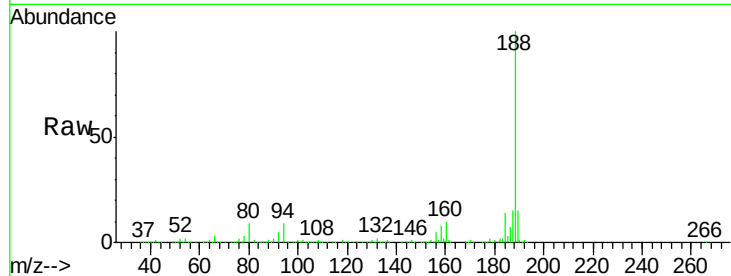




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

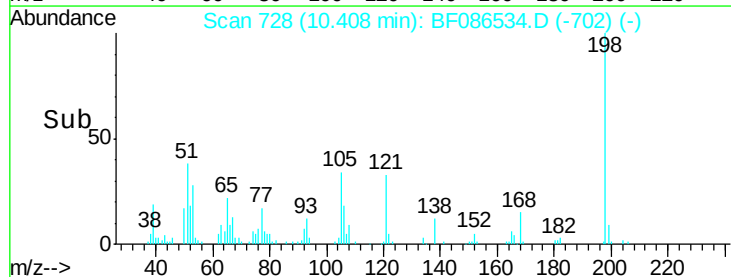
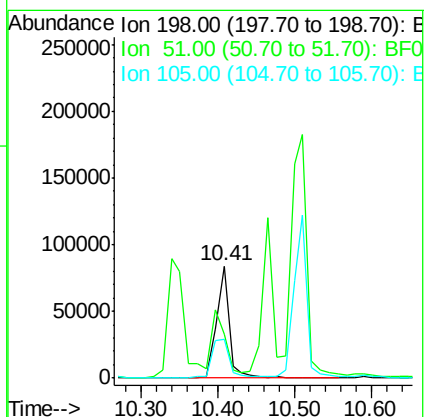
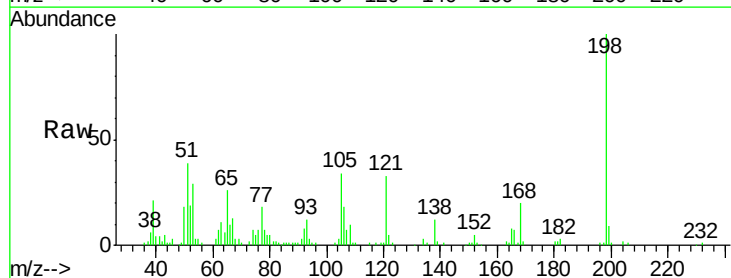
Instrument :
BNA_F
ClientSampleId :

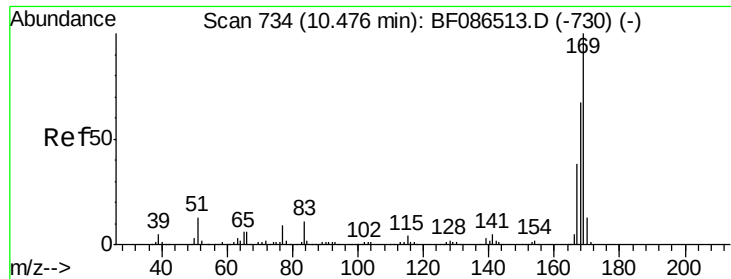
Tot Ion:188 Resp: 548222
Ion Ratio Lower Upper
188 100
94 8.8 6.8 10.2
80 9.1 7.1 10.7



#64
4,6-Dinitro-2-methylphenol
Concen: 30.58 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086534.D
Acq: 30 Apr 2016 20:11

Tgt Ion:198 Resp: 98414
Ion Ratio Lower Upper
198 100
51 39.2 20.5 60.5
105 34.4 24.5 64.5

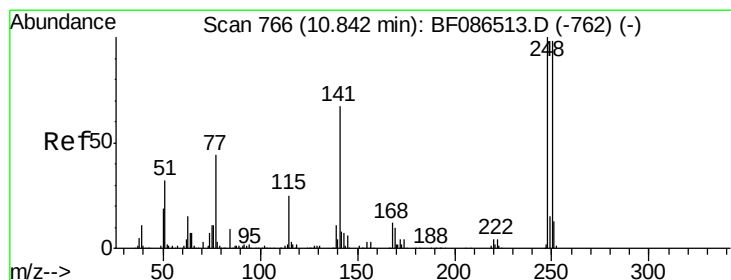
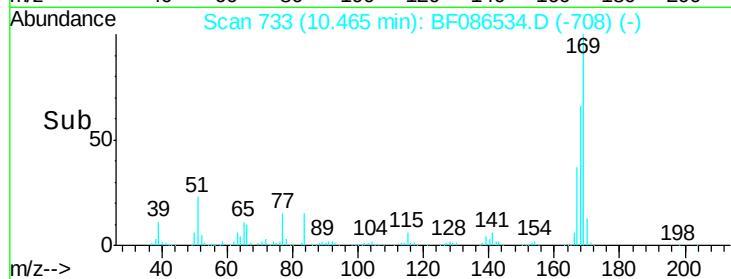
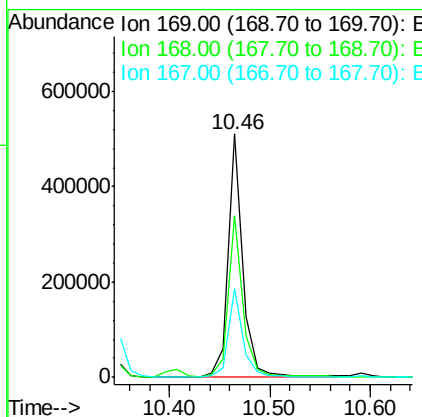
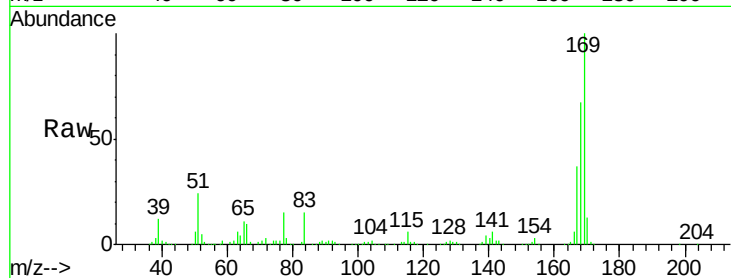




#65
 n-Nitrosodiphenylamine
 Concen: 30.23 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

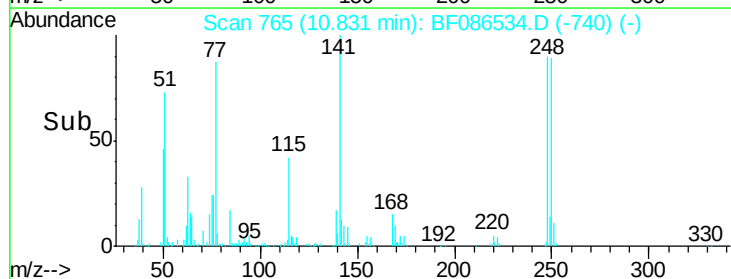
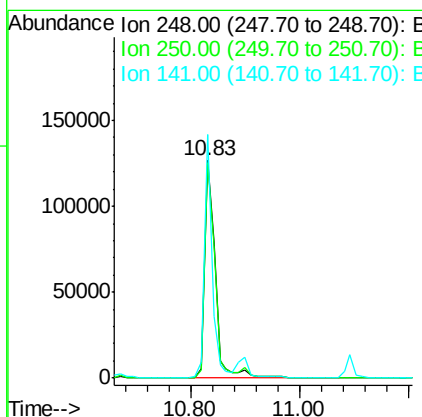
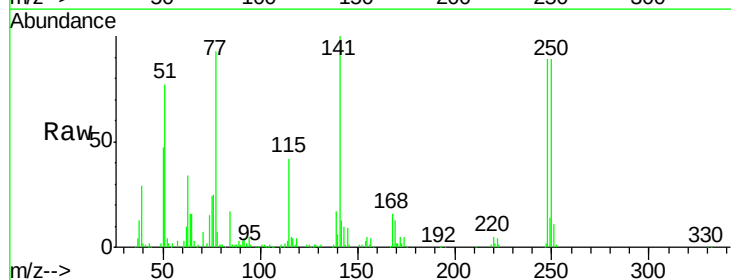
Instrument :
 BNA_F
 ClientSampleId :

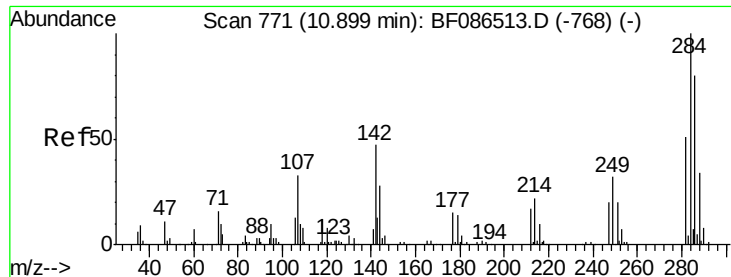
Tot Ion:169 Resp: 517988
 Ion Ratio Lower Upper
 169 100
 168 66.5 53.8 80.6
 167 36.6 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 29.98 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:248 Resp: 169358
 Ion Ratio Lower Upper
 248 100
 250 99.3 78.6 117.8
 141 112.0 76.0 114.0





#67

Hexachlorobenzene

Concen: 30.33 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

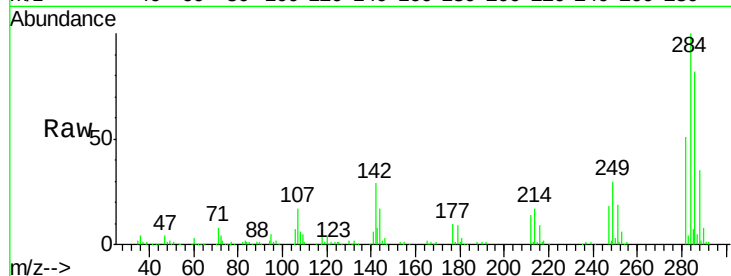
Tot Ion:284 Resp: 198307

Ion Ratio Lower Upper

284 100

142 29.2 16.7 25.1#

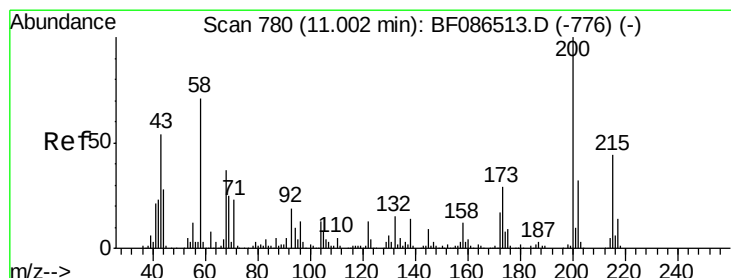
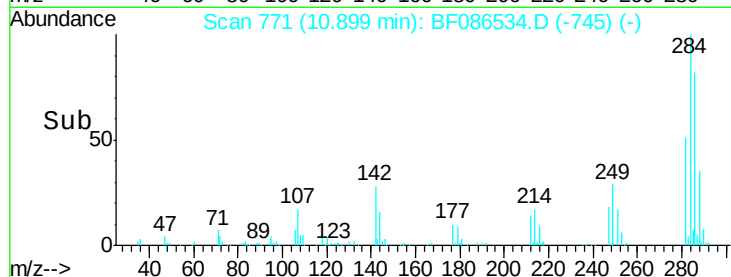
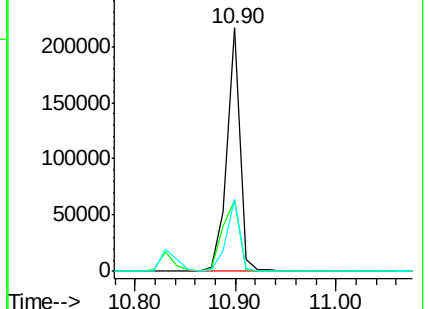
249 29.9 21.3 31.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 31.73 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

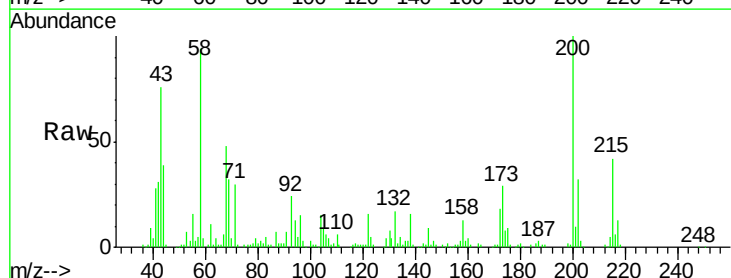
Tgt Ion:200 Resp: 163255

Ion Ratio Lower Upper

200 100

173 29.1 8.5 48.5

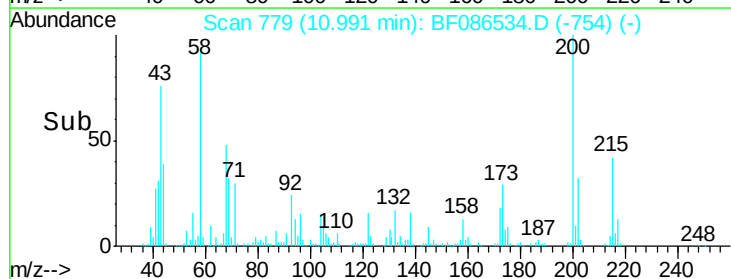
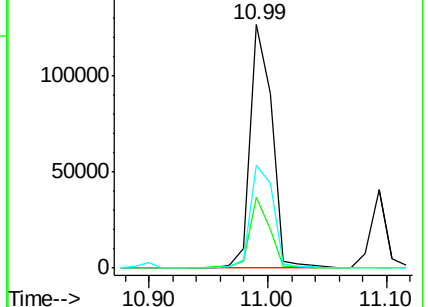
215 42.2 27.2 67.2

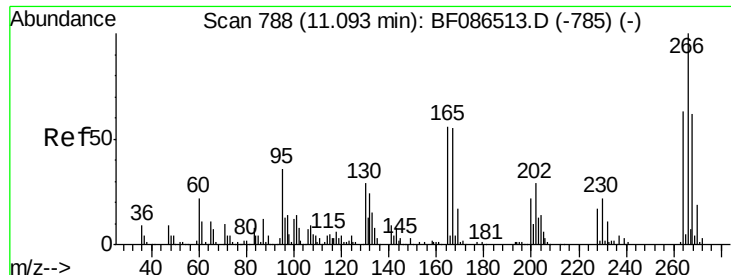


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

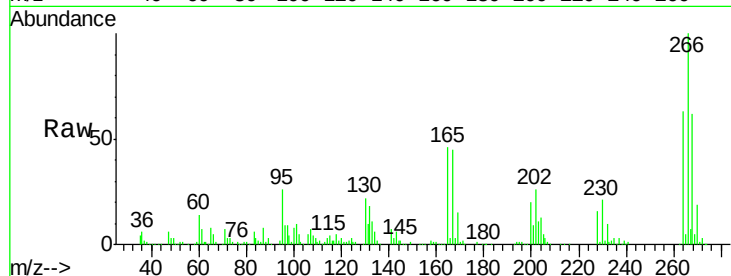




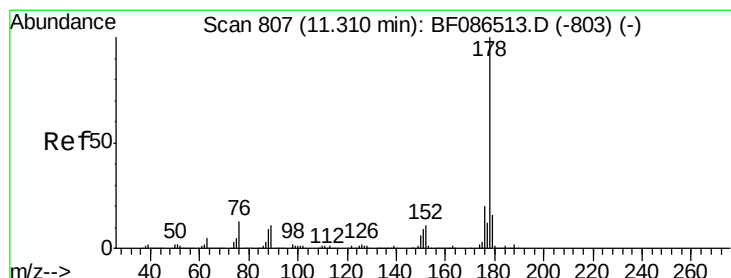
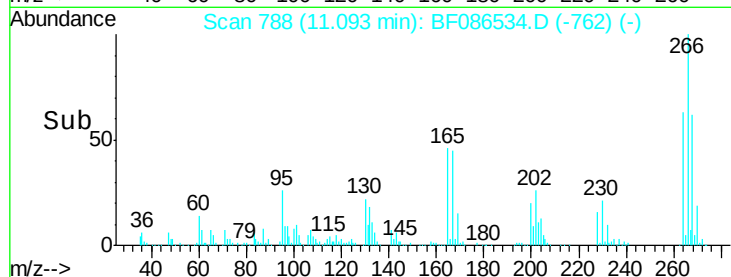
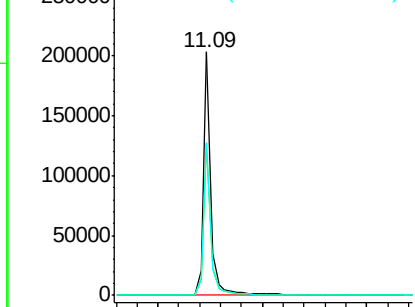
#69
 Pentachlorophenol
 Concen: 58.26 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 200848
 Ion Ratio Lower Upper
 266 100
 268 62.2 51.5 77.3
 264 62.9 52.9 79.3

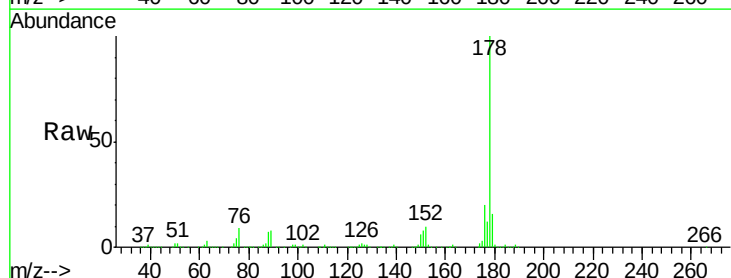


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

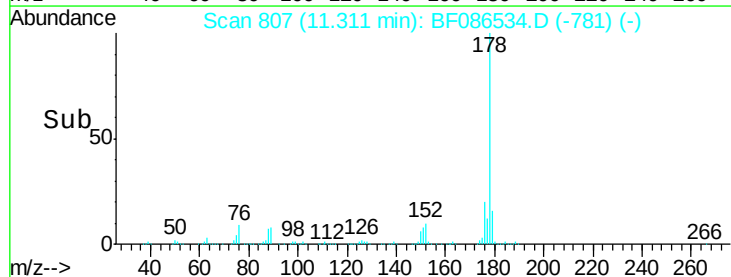
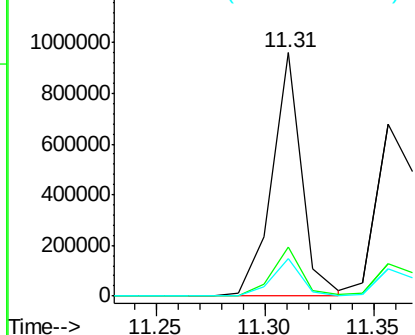


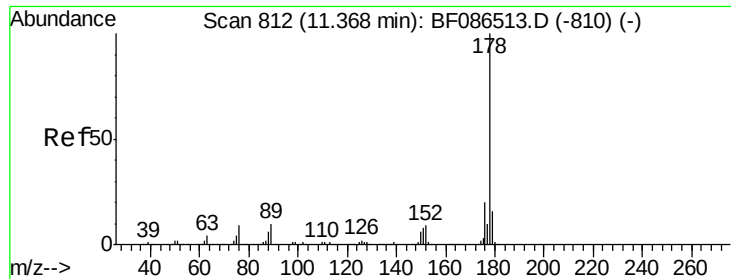
#70
 Phenanthrene
 Concen: 31.79 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:178 Resp: 914717
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 15.7 12.6 18.8



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

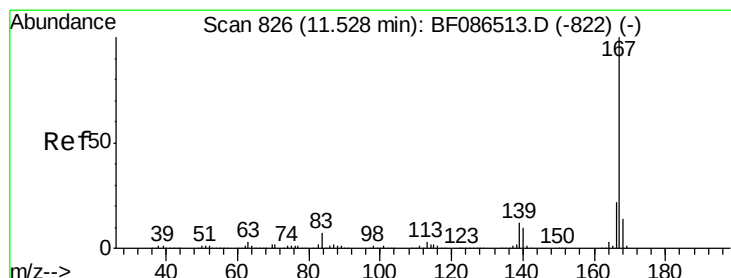
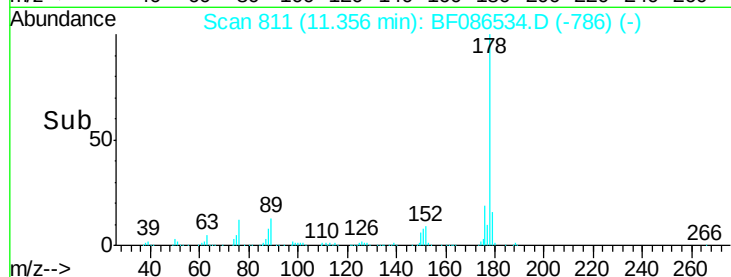
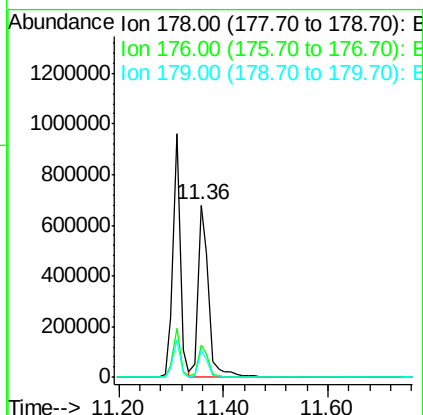
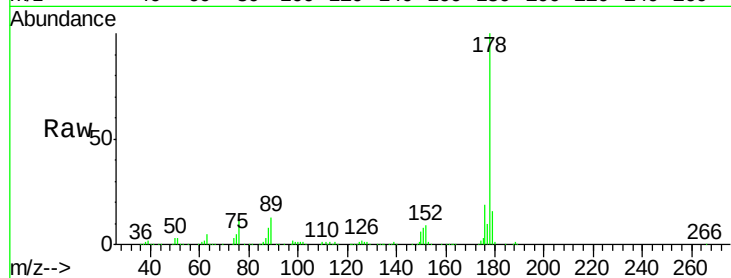




#71
 Anthracene
 Concen: 31.23 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

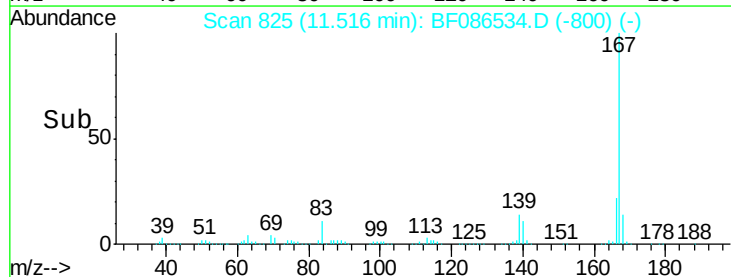
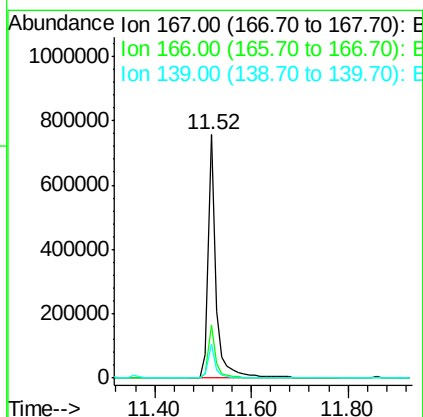
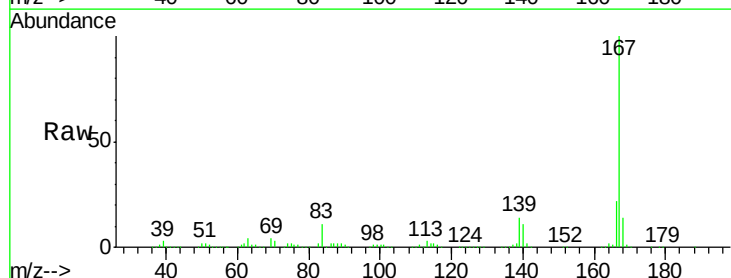
Instrument :
 BNA_F
 ClientSampleId :

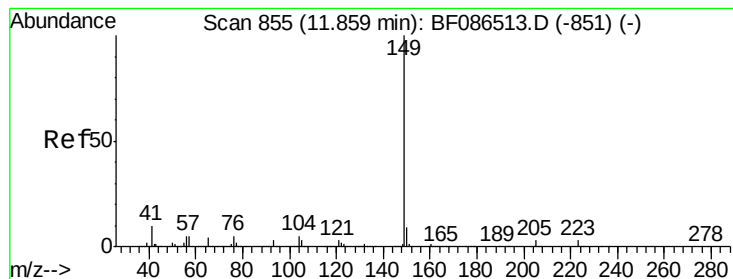
Tot Ion:178 Resp: 958917
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 32.09 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:167 Resp: 873204
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.0 10.8 16.2





#73

Di-n-butylphthalate

Concen: 31.83 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

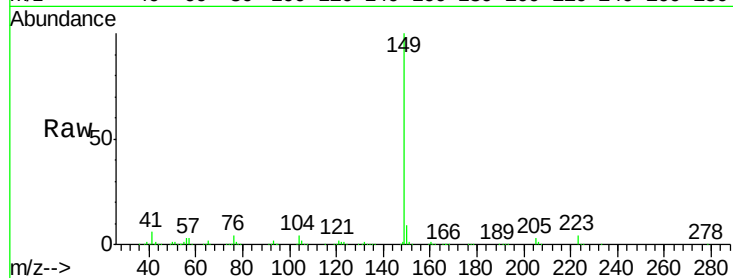
Tot Ion:149 Resp: 981219

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

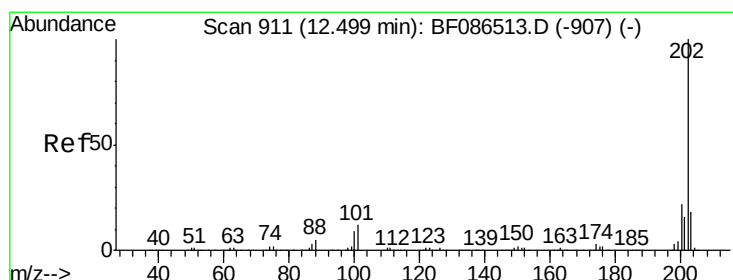
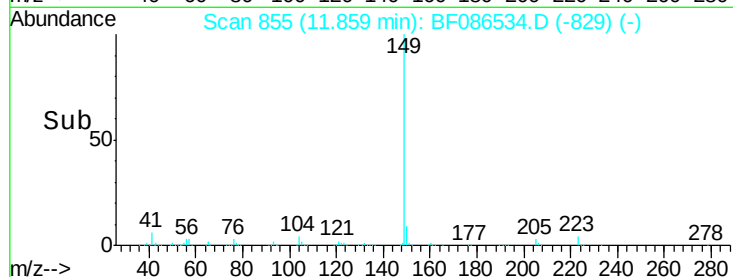
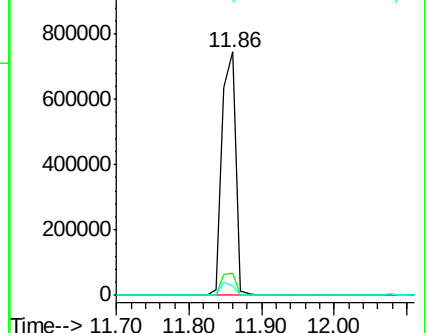
104 4.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.68 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

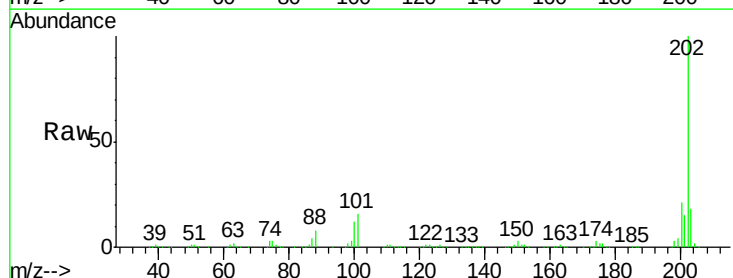
Tgt Ion:202 Resp: 919917

Ion Ratio Lower Upper

202 100

101 16.0 0.0 35.4

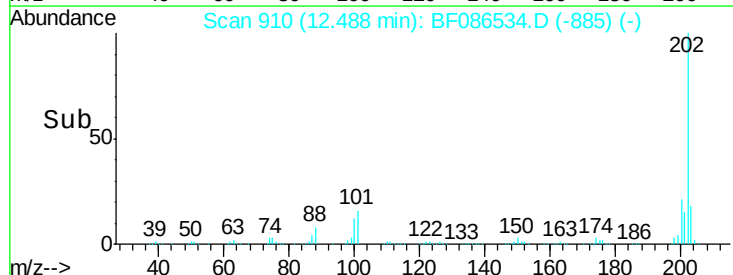
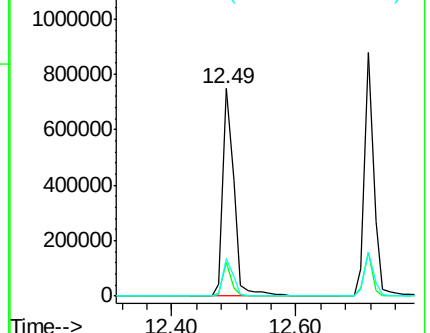
203 18.3 0.0 38.1

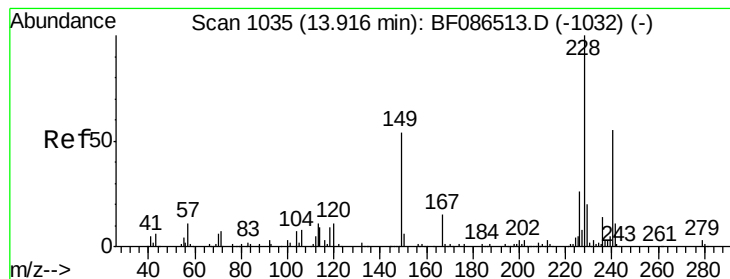


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

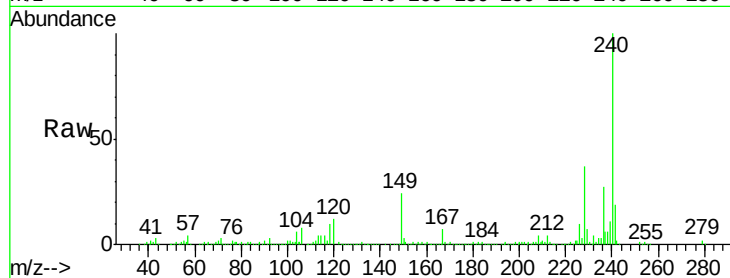
Tot Ion:240 Resp: 434629

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

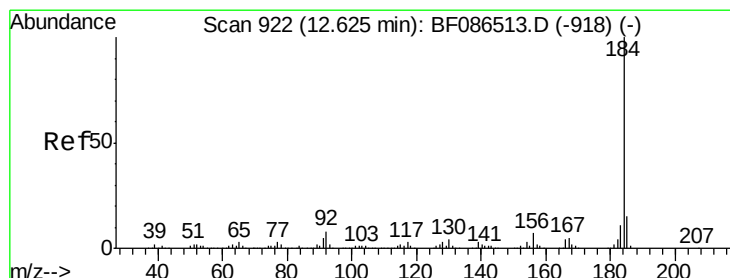
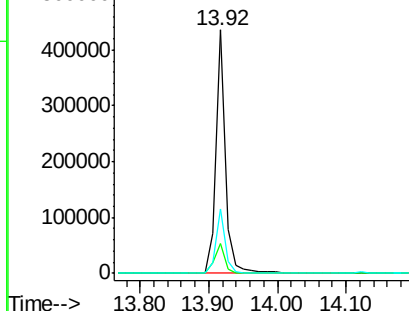
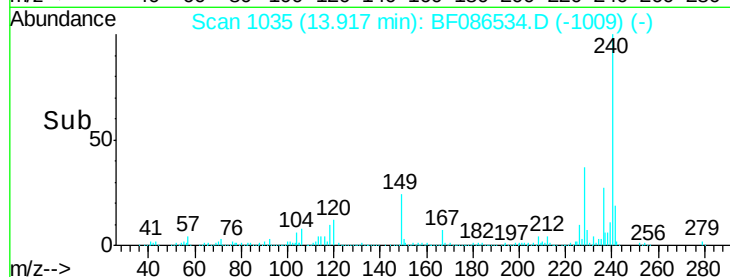
236 26.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 15.71 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

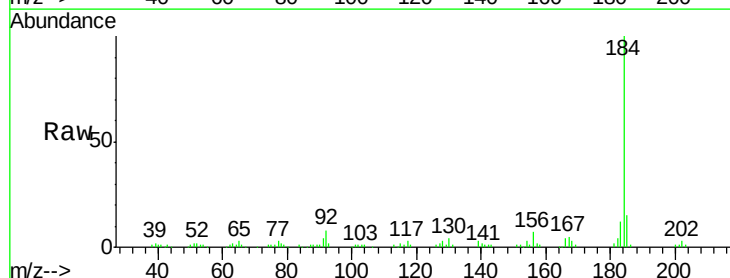
Tgt Ion:184 Resp: 234713

Ion Ratio Lower Upper

184 100

185 14.5 13.6 20.4

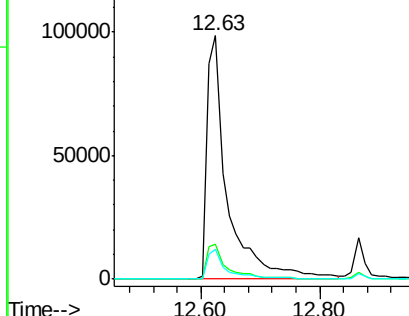
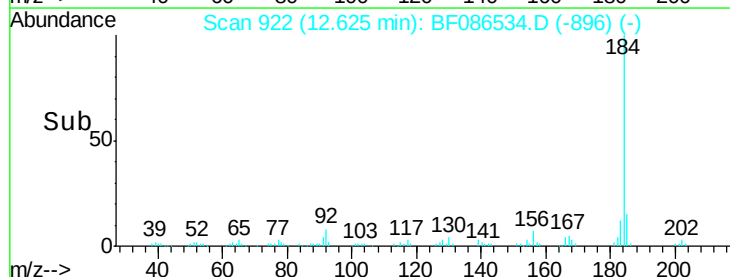
183 12.2 9.8 14.6

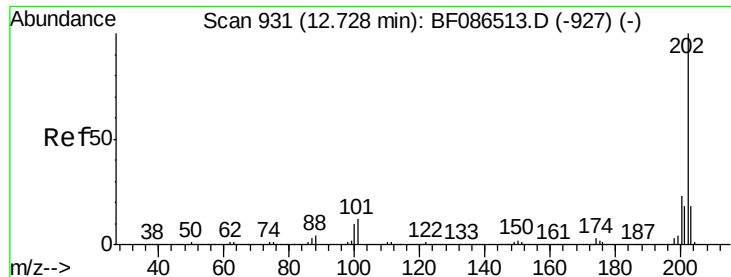


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

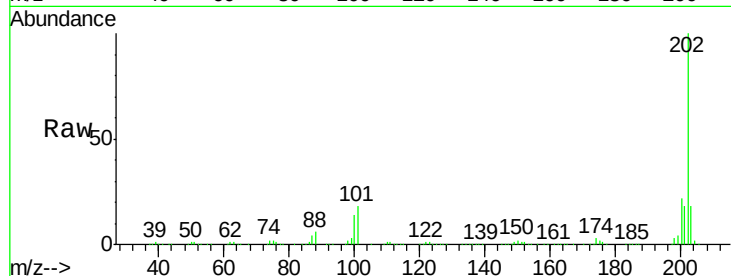




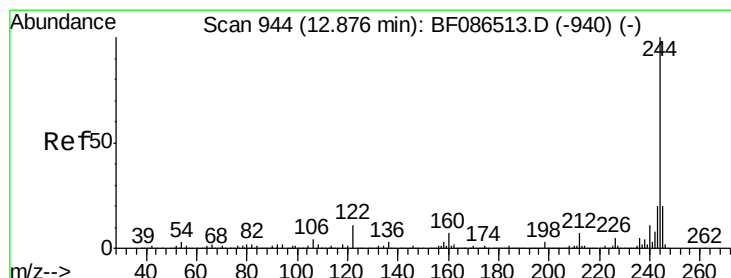
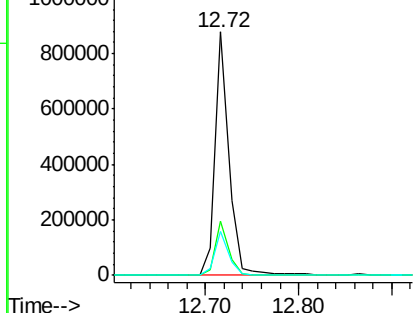
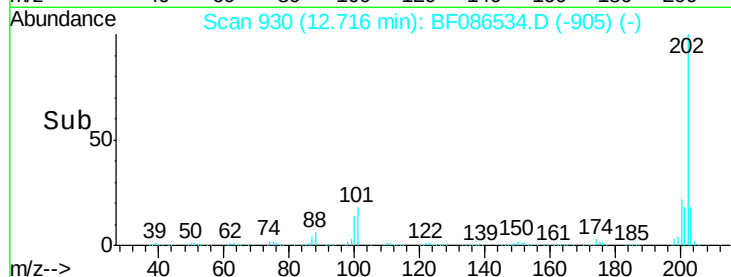
#77
 Pvrene
 Concen: 28.84 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.7	26.5
203	17.9	14.2	21.4

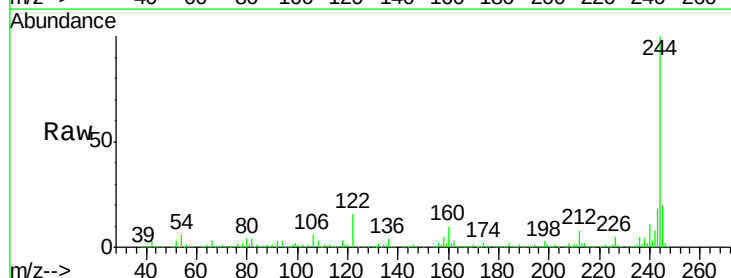


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

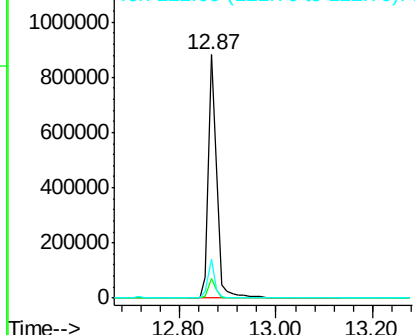
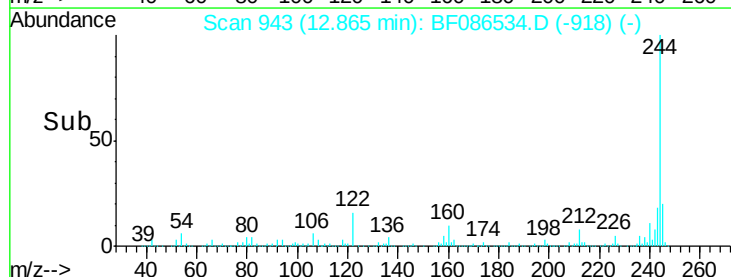


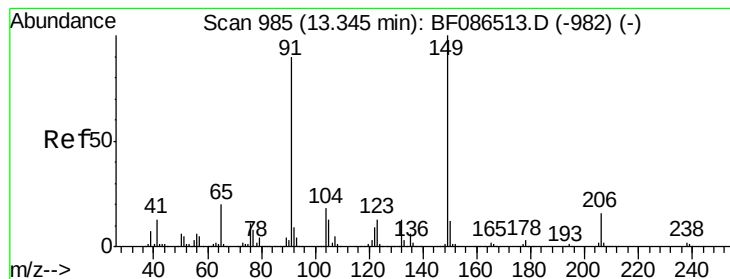
#78
 Terphenyl-d14
 Concen: 54.68 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	15.8	12.0	18.0



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





#79

Butylbenzylphthalate

Concen: 30.62 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

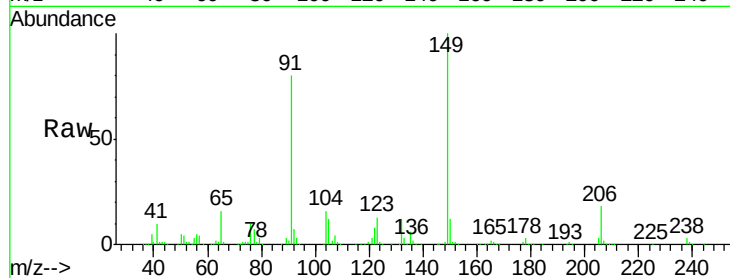
Tot Ion:149 Resp: 415305

Ion Ratio Lower Upper

149 100

91 80.3 48.0 72.0#

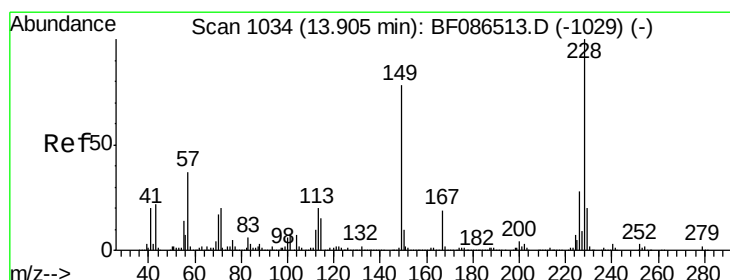
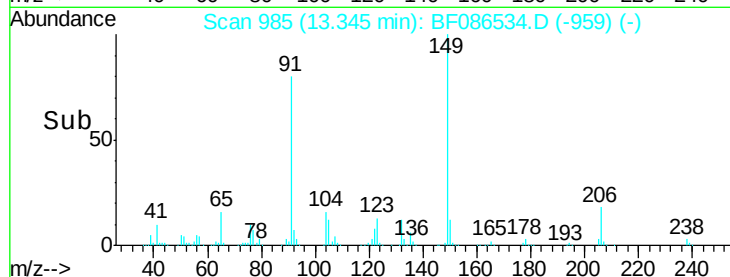
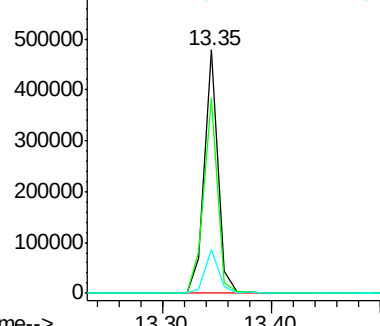
206 18.2 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.30 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

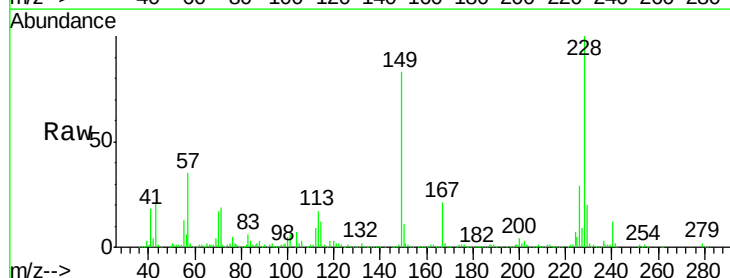
Tgt Ion:228 Resp: 748385

Ion Ratio Lower Upper

228 100

226 28.6 22.5 33.7

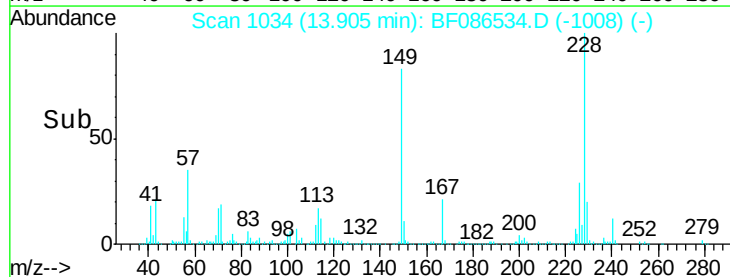
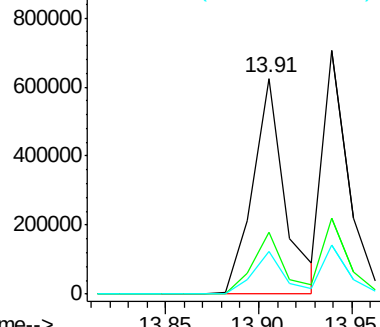
229 19.7 16.6 25.0

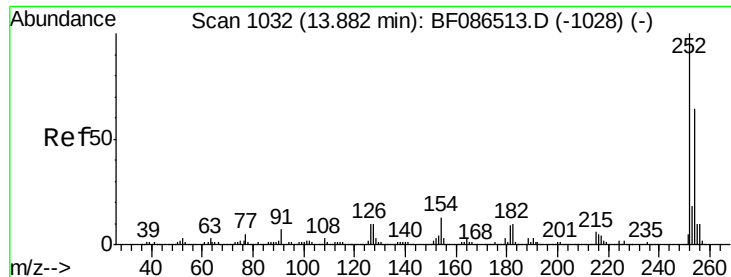


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

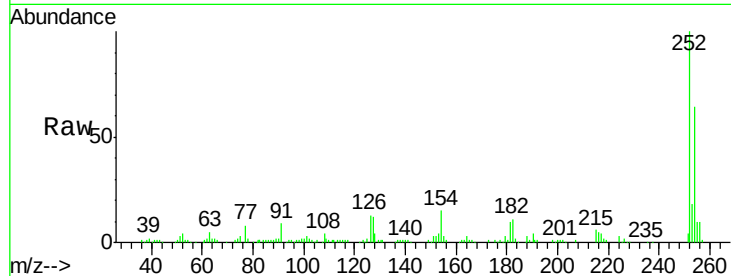




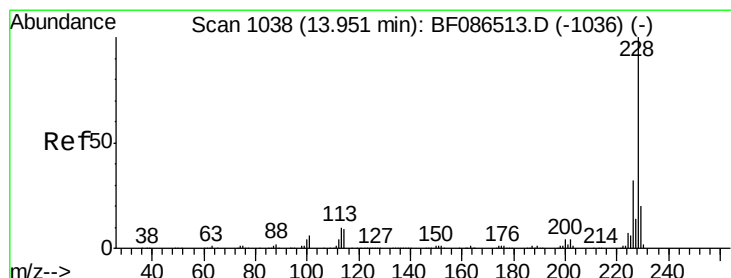
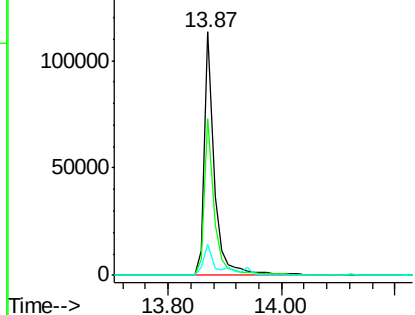
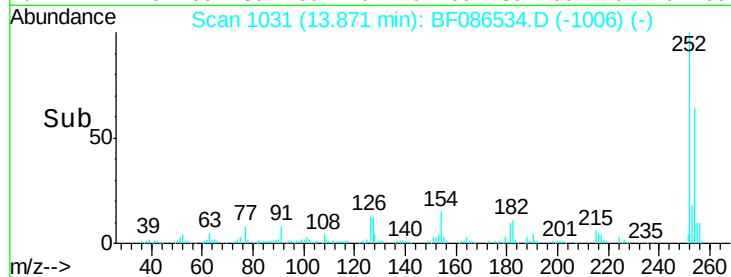
#81
 3,3'-Dichlorobenzidine
 Concen: 8.68 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 134504
 Ion Ratio Lower Upper
 252 100
 254 64.3 50.7 76.1
 126 12.9 12.7 19.1

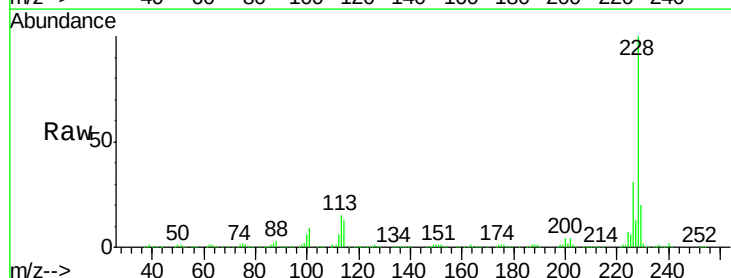


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

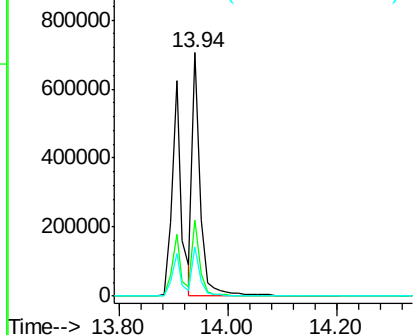
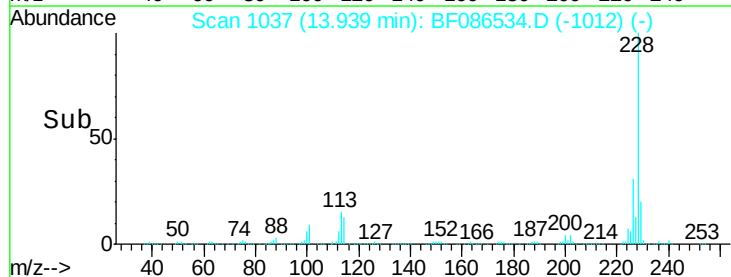


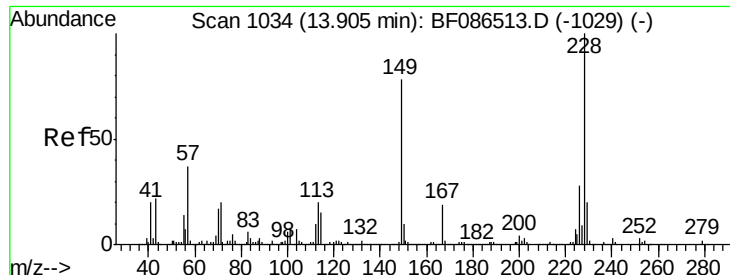
#82
 Chrysene
 Concen: 28.75 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:228 Resp: 724009
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.4 36.6
 229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

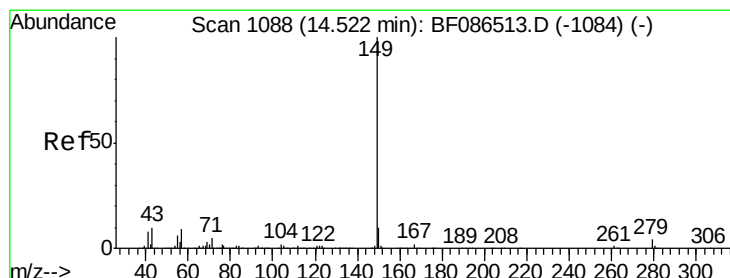
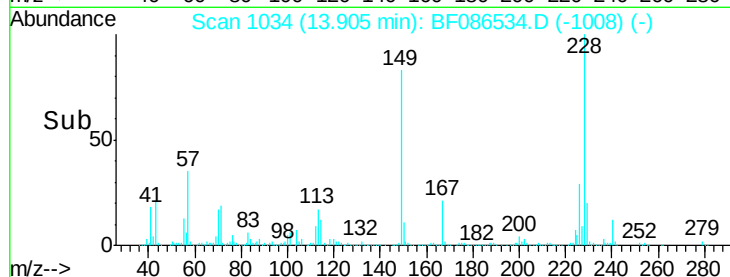
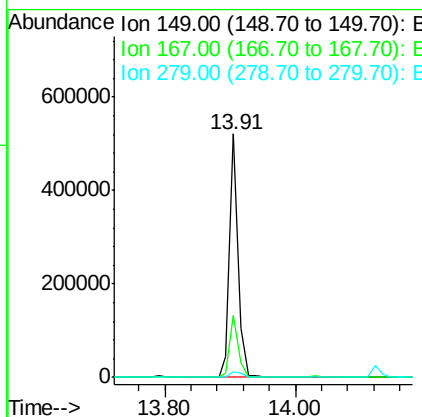
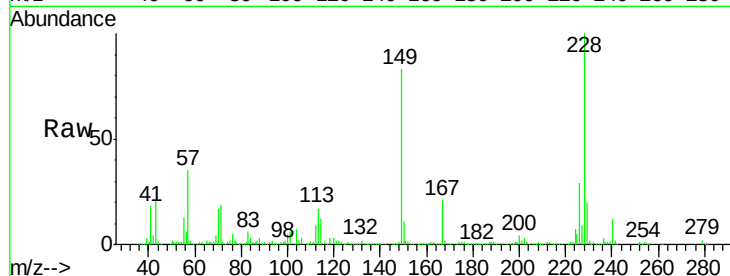




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.92 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

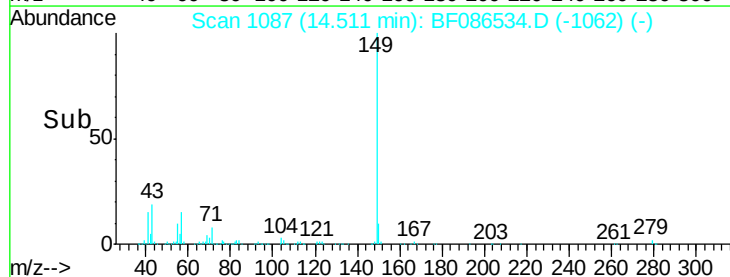
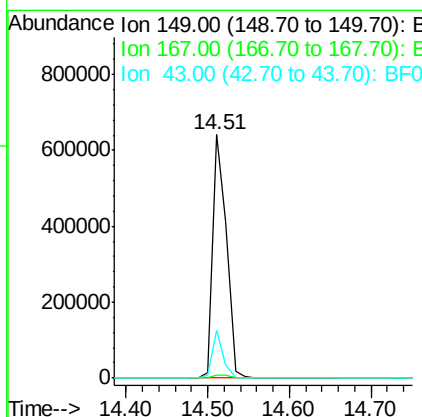
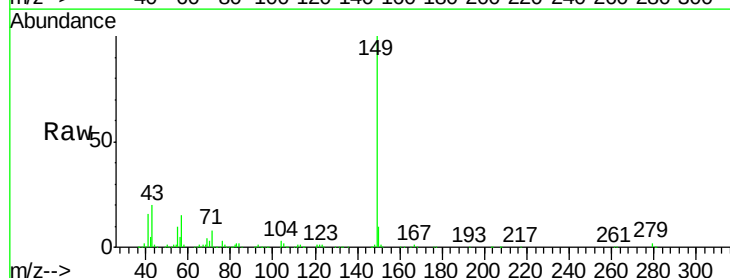
Instrument :
 BNA_F
 ClientSampleId :

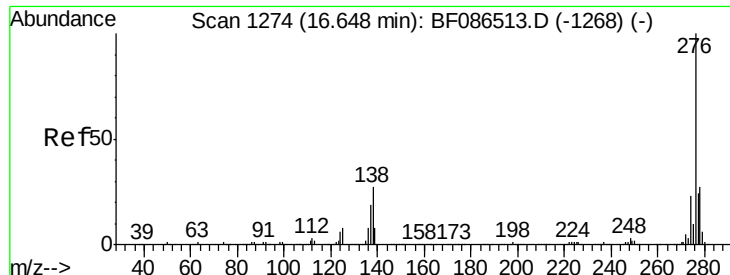
Tot Ion:149 Resp: 470144
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 2.5 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 28.55 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion:149 Resp: 752755
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 15.4 8.2 12.4#

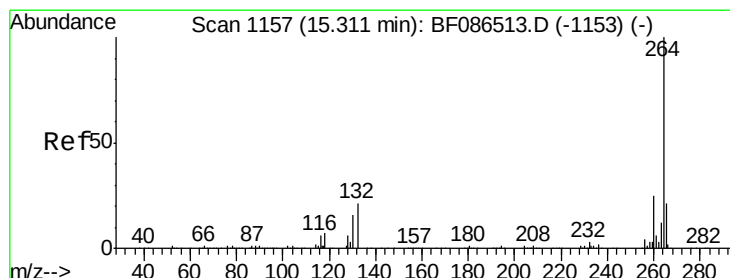
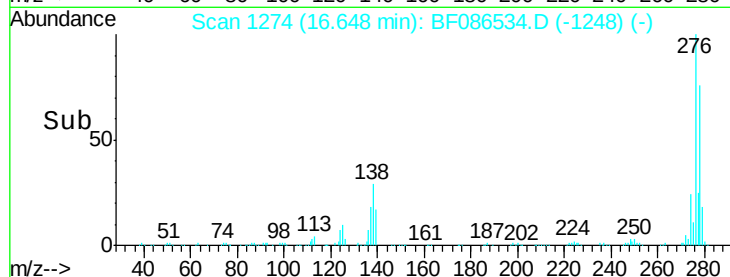
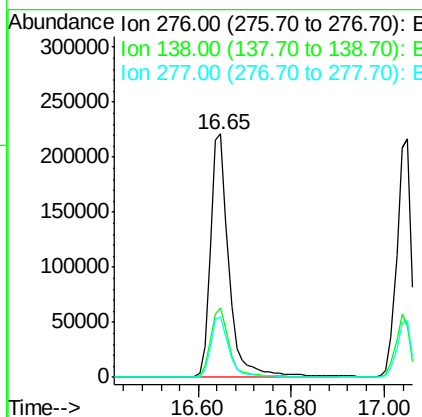
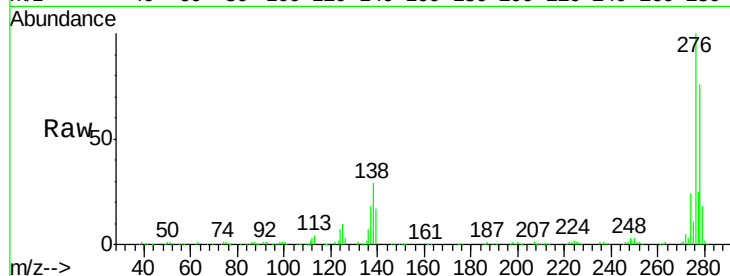




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.83 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

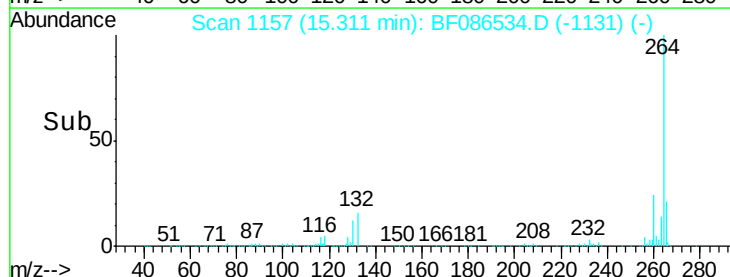
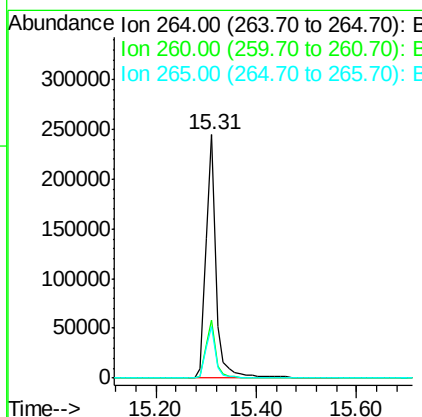
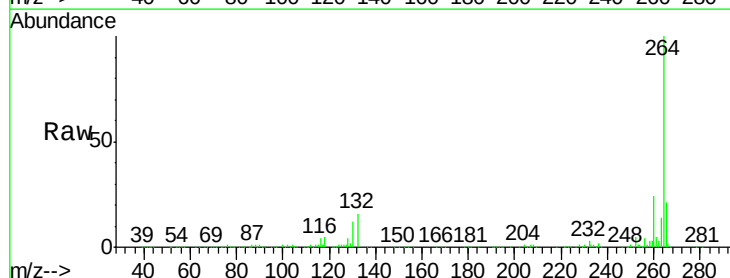
Instrument :
 BNA_F
 ClientSampleId :

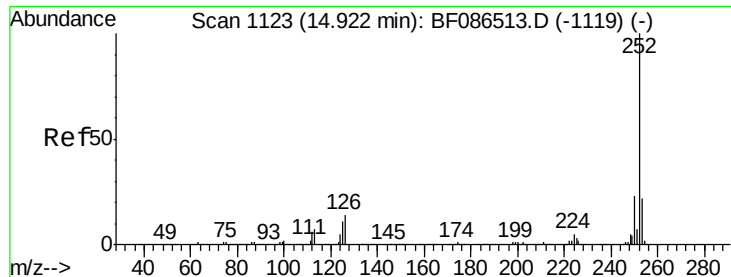
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.2	25.6	38.4
277	25.0	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 65.87 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

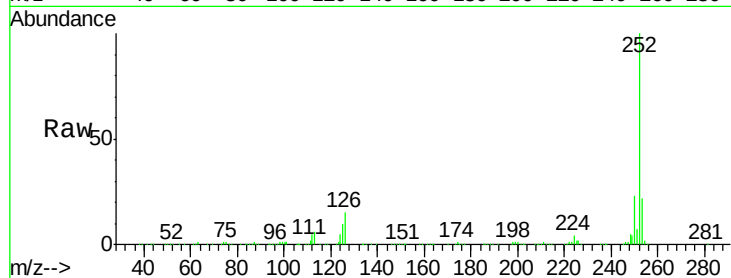
Tot Ion:252 Resp: 1335443

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

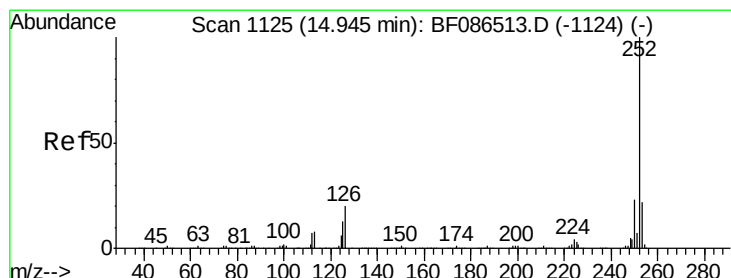
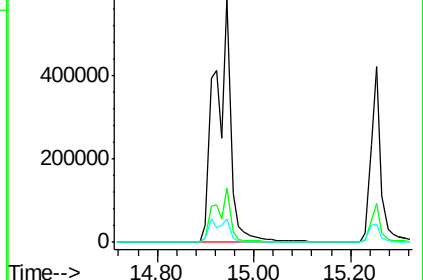
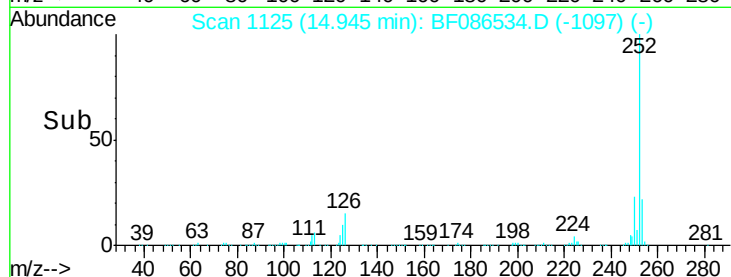
125 9.9 11.4 17.0#



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



#88

Benzo(k)fluoranthene

Concen: 63.24 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

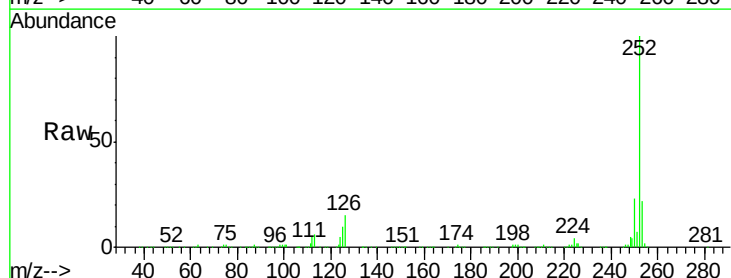
Tgt Ion:252 Resp: 1337323

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

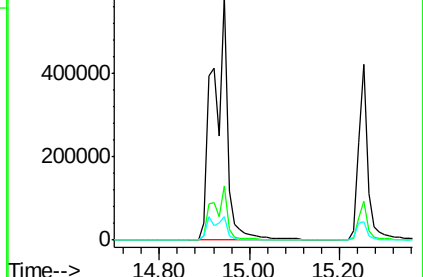
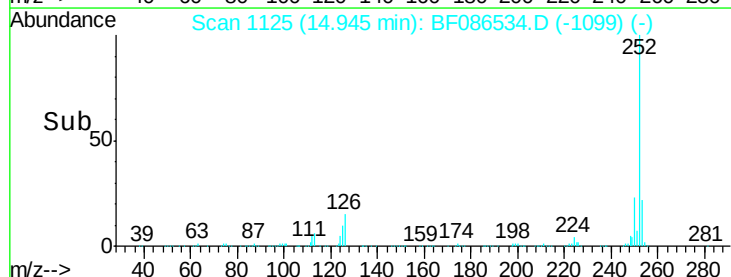
125 9.9 9.1 13.7

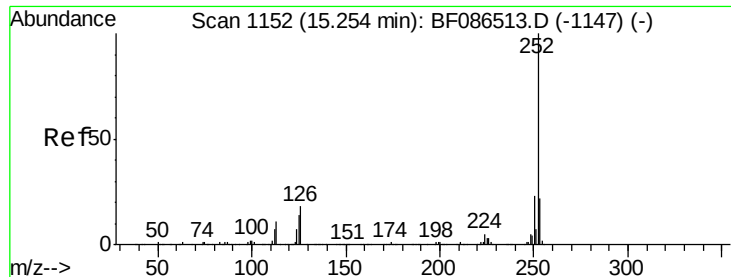


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 31.76 ng

RT: 15.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

Instrument :

BNA_F

ClientSampled :

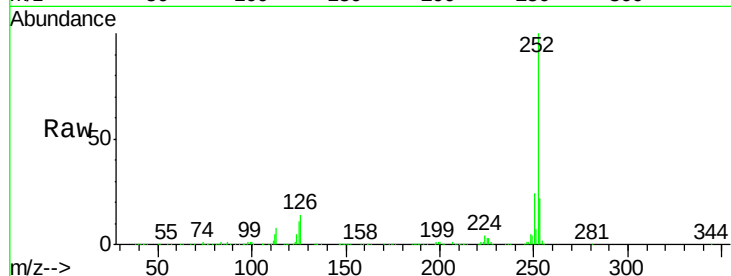
Tot Ion:252 Resp: 607885

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

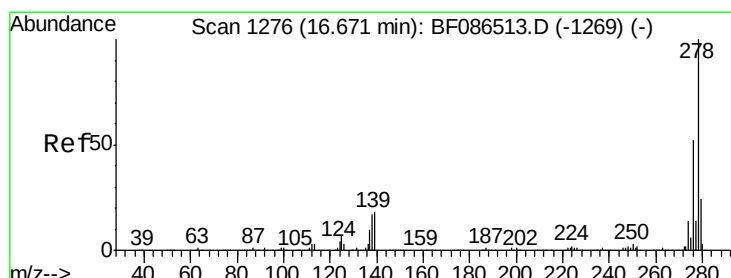
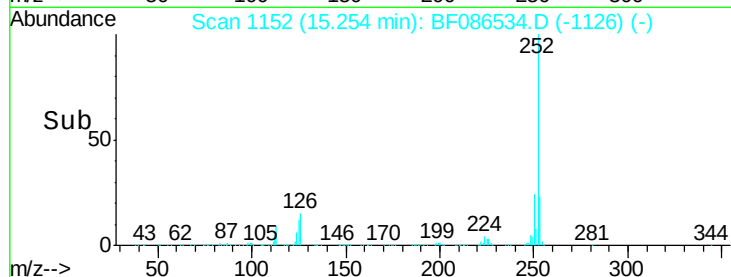
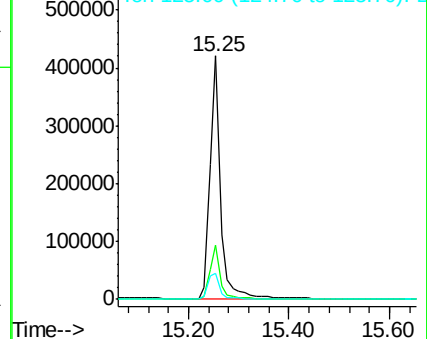
125 10.8 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.88 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086534.D

Acq: 30 Apr 2016 20:11

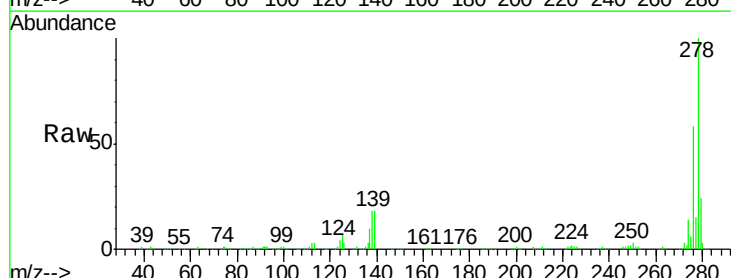
Tgt Ion:278 Resp: 514954

Ion Ratio Lower Upper

278 100

139 18.0 16.6 24.8

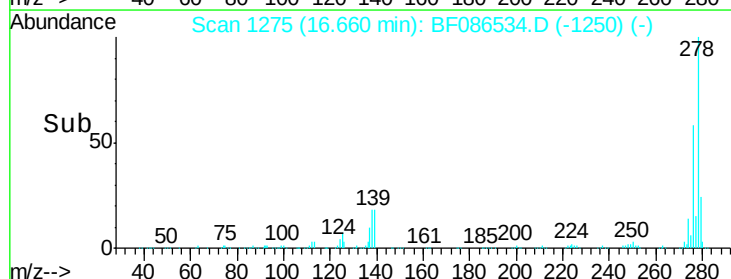
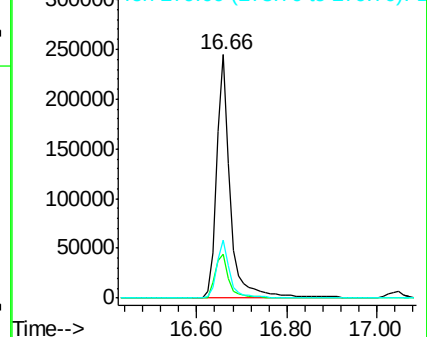
279 23.6 19.6 29.4

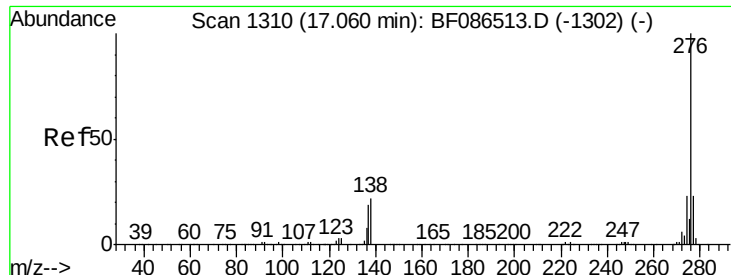


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

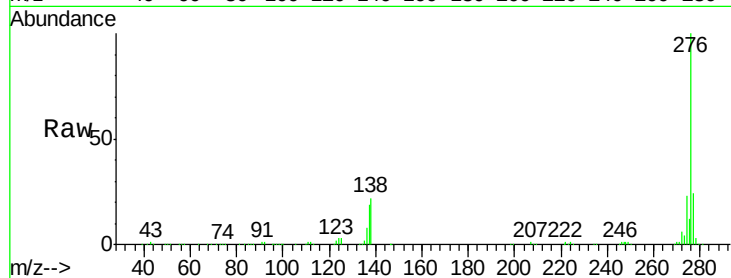




#91
 Benzo(a,h,i)perylene
 Concen: 32.36 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086534.D
 Acq: 30 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.6	29.4
138	21.8	23.6	35.4



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

