

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
 Data File : BF086527.D
 Acq On : 30 Apr 2016 16:52
 Operator : UM/SJ
 Sample : PB90147BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 01:21:47 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	135484	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	586144	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	283208	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	538882	20.00	ng	0.00
75) Chrysene-d12	13.92	240	420092	20.00	ng	0.00
86) Perylene-d12	15.31	264	326344	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	658054	83.78	ng	0.01
7) Phenol-d6	6.41	99	854989	77.99	ng	0.00
23) Nitrobenzene-d5	7.33	82	765978	70.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	223450	74.82	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1326080	81.13	ng	-0.01
78) Terphenyl-d14	12.88	244	1301197	68.24	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.38	88	131525	31.88	ng	# 80
3) Pyridine	3.07	79	352493	36.10	ng	# 76
4) n-Nitrosodimethylamine	3.01	42	217524	39.08	ng	# 58
6) Aniline	6.43	93	191959	14.47	ng	93
8) 2-Chlorophenol	6.54	128	353151	36.10	ng	# 80
9) Benzaldehyde	6.30	77	47578	7.46	ng	90
10) Phenol	6.42	94	475646	38.89	ng	84
11) bis(2-Chloroethyl)ether	6.51	93	364832	34.50	ng	98
12) 1,3-Dichlorobenzene	6.78	146	368931	35.06	ng	96
13) 1,4-Dichlorobenzene	6.78	146	378020	34.82	ng	95
14) 1,2-Dichlorobenzene	6.93	146	343930	34.54	ng	96
15) Benzyl Alcohol	6.91	79	285741	41.20	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	722243	34.13	ng	90
17) 2-Methylphenol	7.04	107	307486	38.89	ng	95
18) Hexachloroethane	7.28	117	135426	33.38	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	256928	35.46	ng	# 72
20) 3+4-Methylphenols	7.18	107	358412	39.70	ng	98
22) Acetophenone	7.18	105	496571	38.64	ng	# 90
24) Nitrobenzene	7.36	77	404883	36.19	ng	90
25) Isophorone	7.60	82	741506	35.43	ng	98
26) 2-Nitrophenol	7.68	139	187669	36.44	ng	94
27) 2,4-Dimethylphenol	7.72	122	323187	35.76	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	449380	39.41	ng	99
29) 2,4-Dichlorophenol	7.92	162	304646	39.95	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	307323	34.74	ng	96
31) Naphthalene	8.08	128	1064794	35.70	ng	99
32) Benzoic acid	7.84	122	161169	32.85	ng	85
33) 4-Chloroaniline	8.13	127	88338	7.91	ng	97
34) Hexachlorobutadiene	8.20	225	165820	33.44	ng	98
35) Caprolactam	8.50	113	73741	28.99	ng	98
36) 4-Chloro-3-methylphenol	8.61	107	337696	38.68	ng	90
37) 2-Methylnaphthalene	8.77	142	670501	38.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	273286	33.71	ng	98
40) Hexachlorocyclopentadiene	8.92	237	270864	67.24	ng	95

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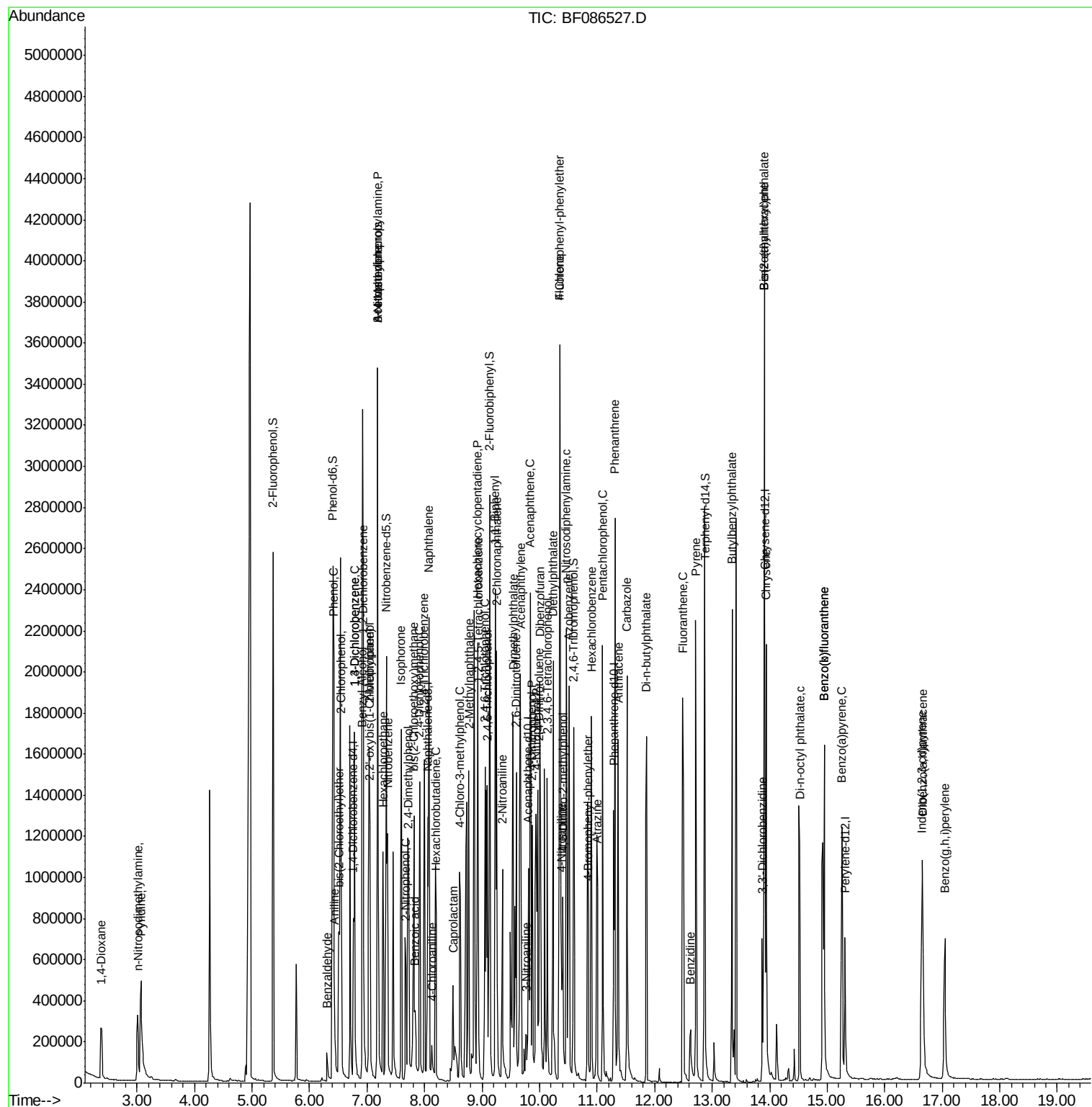
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	192371	37.54	nq	94
43) 2,4,5-Trichlorophenol	9.09	196	207038	37.07	nq	# 91
45) 1,1'-Biphenyl	9.23	154	805500	34.03	nq	96
46) 2-Chloronaphthalene	9.25	162	615393	34.19	nq	94
47) 2-Nitroaniline	9.36	65	244001	42.27	nq	93
48) Acenaphthylene	9.66	152	962326	34.21	nq	99
49) Dimethylphthalate	9.54	163	788103	36.96	nq	100
50) 2,6-Dinitrotoluene	9.60	165	164773	37.41	nq	91
51) Acenaphthene	9.84	154	684809	37.90	nq	99
52) 3-Nitroaniline	9.77	138	67537	13.48	nq	98
53) 2,4-Dinitrophenol	9.87	184	156653	66.51	nq	# 77
54) Dibenzofuran	10.01	168	879419	38.94	nq	94
55) 4-Nitrophenol	9.94	139	269738	82.24	nq	88
56) 2,4-Dinitrotoluene	10.00	165	210976	37.57	nq	# 88
57) Fluorene	10.35	166	648846	33.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	184303	42.21	nq	97
59) Diethylphthalate	10.24	149	748726	37.10	nq	97
60) 4-Chlorophenyl-phenylether	10.35	204	319192	35.85	nq	# 86
61) 4-Nitroaniline	10.37	138	176430	36.03	nq	# 75
62) Azobenzene	10.51	77	891696	40.33	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	122590	38.75	nq	89
65) n-Nitrosodiphenylamine	10.46	169	594452	35.30	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	187618	33.79	nq	# 77
67) Hexachlorobenzene	10.90	284	225224	35.04	nq	# 82
68) Atrazine	11.00	200	198348	39.22	nq	96
69) Pentachlorophenol	11.09	266	227513	67.14	nq	98
70) Phenanthrene	11.31	178	1019784	36.06	nq	100
71) Anthracene	11.37	178	1119059	37.08	nq	99
72) Carbazole	11.52	167	1011029	37.80	nq	99
73) Di-n-butylphthalate	11.86	149	1143765	37.74	nq	99
74) Fluoranthene	12.49	202	1113097	38.99	nq	98
76) Benzidine	12.62	184	228319	15.82	nq	95
77) Pyrene	12.72	202	1075716	35.54	nq	100
79) Butylbenzylphthalate	13.34	149	467976	35.70	nq	# 77
80) Benzo(a)anthracene	13.90	228	827115	36.93	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	169522	11.32	nq	97
82) Chrysene	13.94	228	836765	34.37	nq	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	512531	31.49	nq	# 96
84) Di-n-octyl phthalate	14.52	149	830268	32.58	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.65	276	701841	38.91	nq	97
87) Benzo(b)fluoranthene	14.95	252	1465308	76.32	nq	98
88) Benzo(k)fluoranthene	14.95	252	1468578	73.34	nq	100
89) Benzo(a)pyrene	15.25	252	673036	37.13	nq	98
90) Dibenzo(a,h)anthracene	16.66	278	587868	39.63	nq	98
91) Benzo(g,h,i)perylene	17.05	276	592402	39.85	nq	93

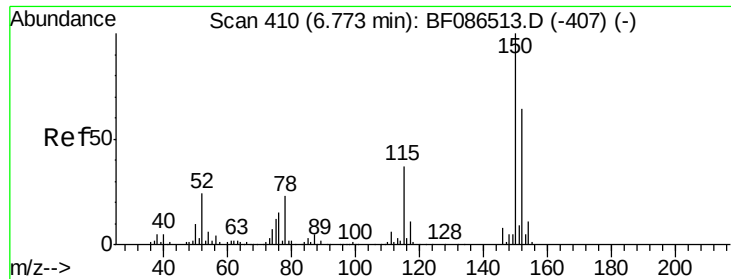
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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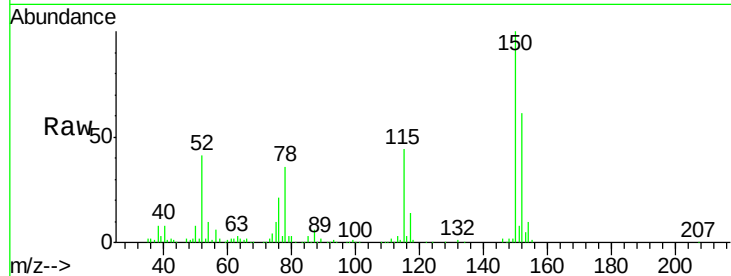


#1

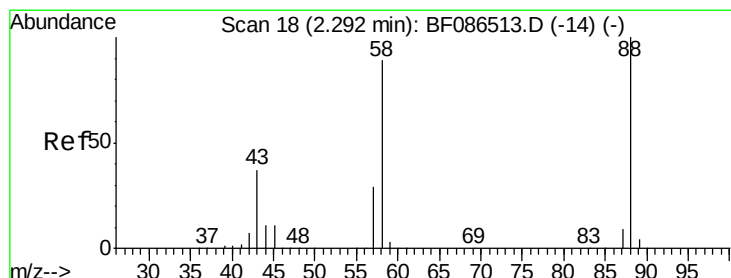
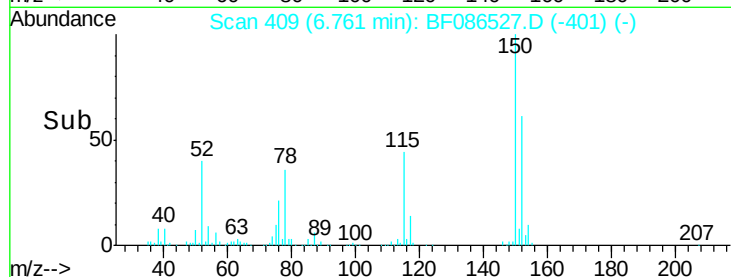
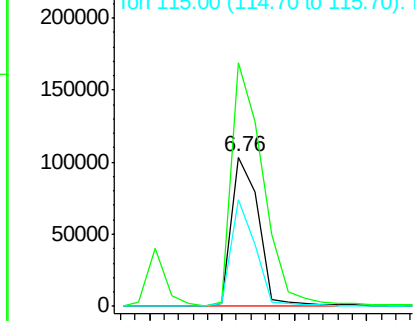
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 135484
Ion Ratio Lower Upper
152 100
150 163.0 125.8 188.6
115 71.7 51.5 77.3



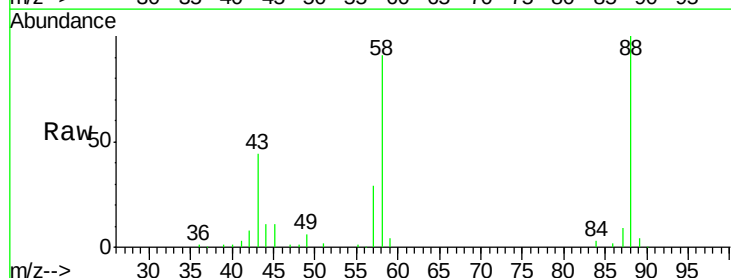
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



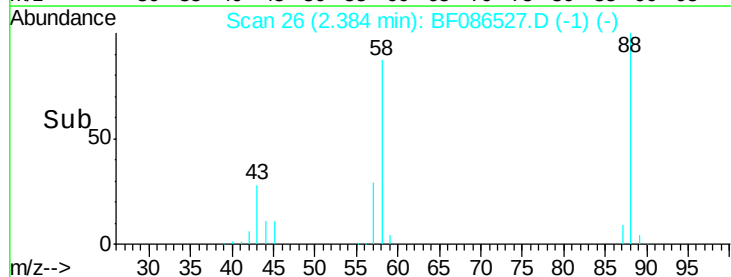
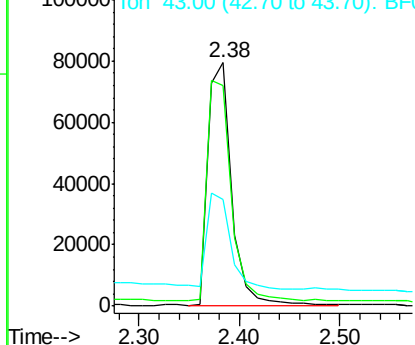
#2

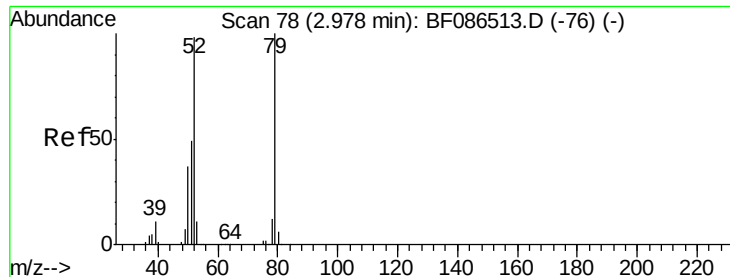
1,4-Dioxane
Concen: 31.88 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion: 88 Resp: 131525
Ion Ratio Lower Upper
88 100
58 91.4 59.6 89.4#
43 38.6 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: 36.10 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

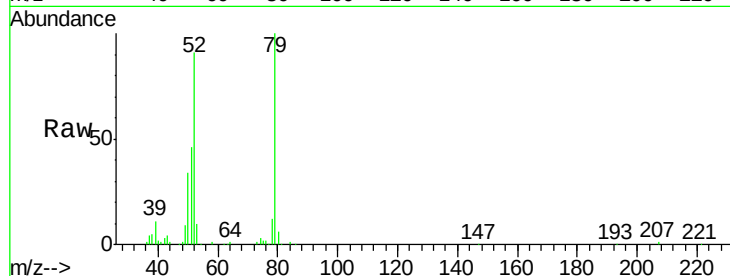
Tot Ion: 79 Resp: 352493

Ion Ratio Lower Upper

79 100

52 91.1 55.9 83.9#

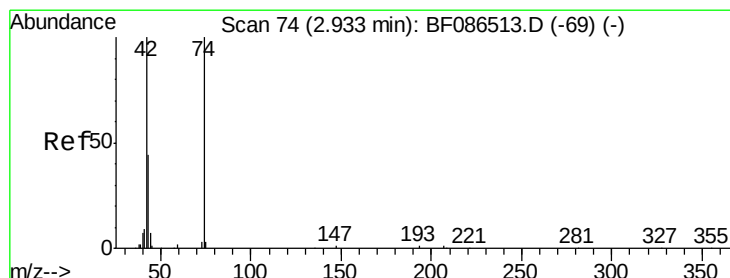
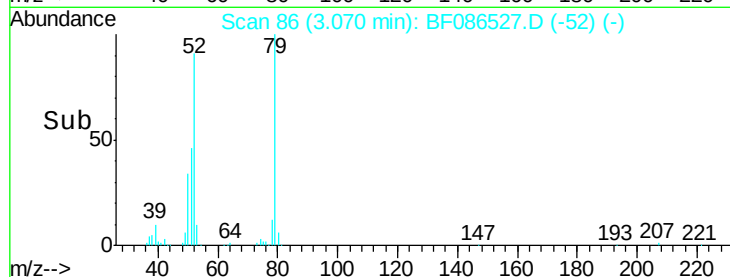
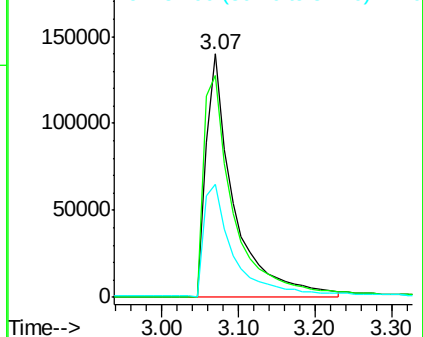
51 46.4 28.1 42.1#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.08 ng

RT: 3.01 min Scan# 81

Delta R.T. 0.08 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

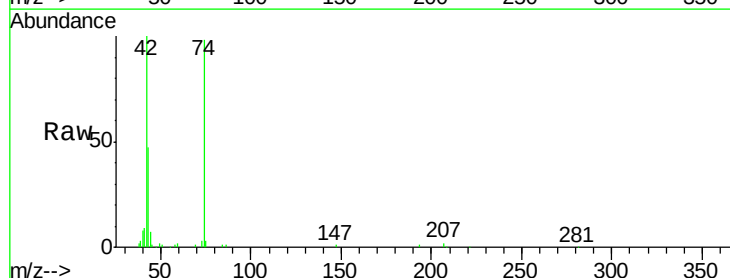
Tgt Ion: 42 Resp: 217524

Ion Ratio Lower Upper

42 100

74 98.2 123.4 185.0#

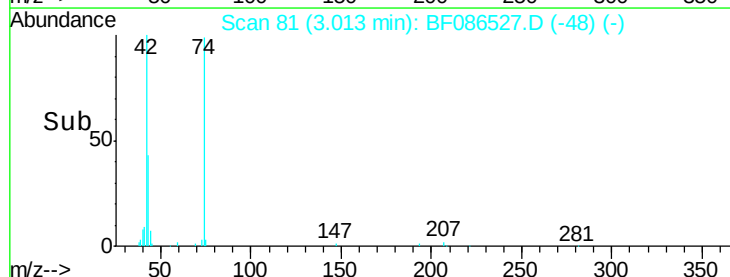
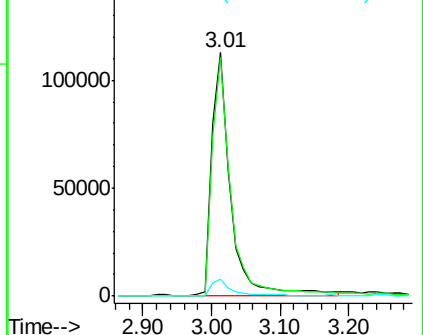
44 6.9 5.8 8.6

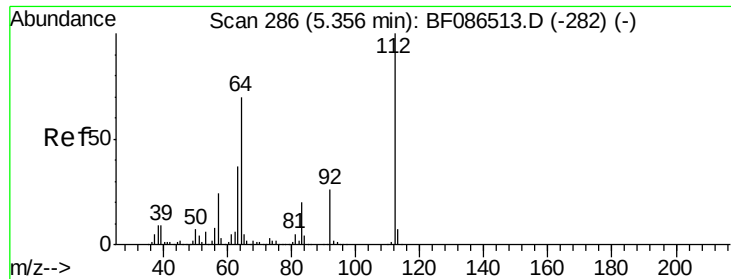


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.78 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

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Instrument :

BNA_F

ClientSampleId :

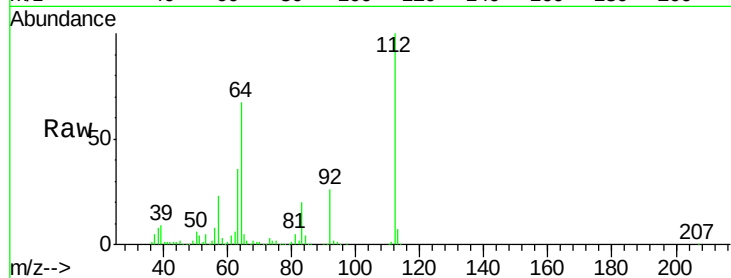
Tot Ion:112 Resp: 658054

Ion Ratio Lower Upper

112 100

64 67.2 52.1 78.1

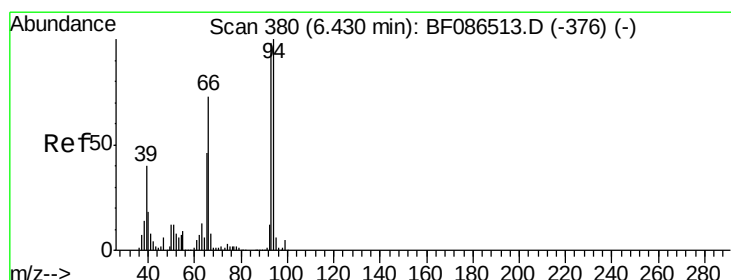
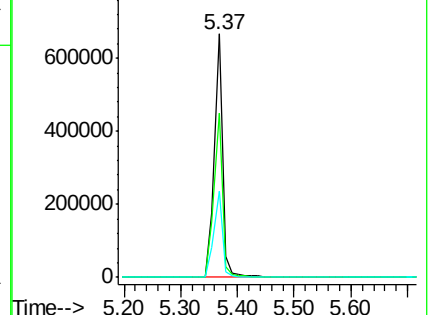
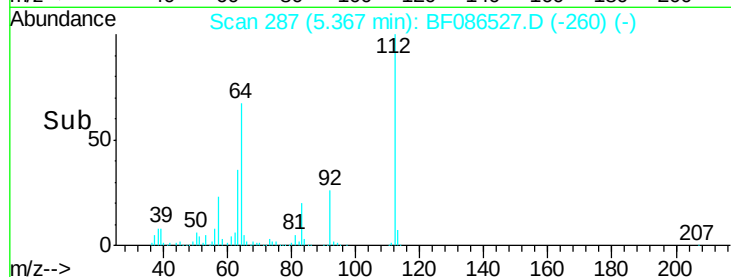
63 35.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.47 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

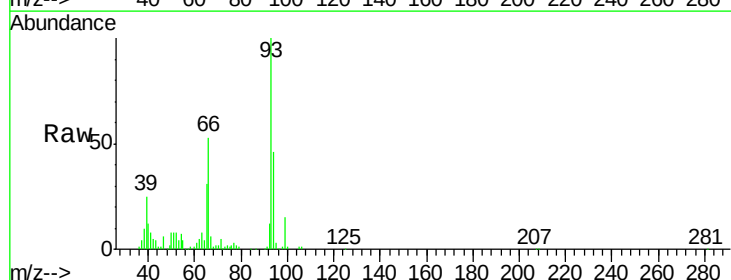
Tgt Ion: 93 Resp: 191959

Ion Ratio Lower Upper

93 100

66 52.9 39.0 58.6

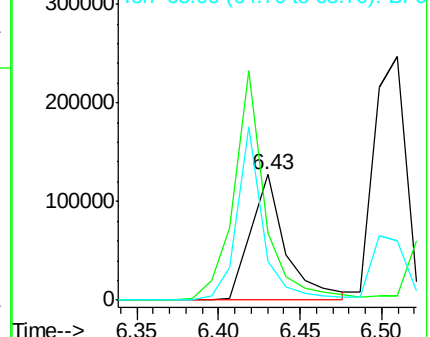
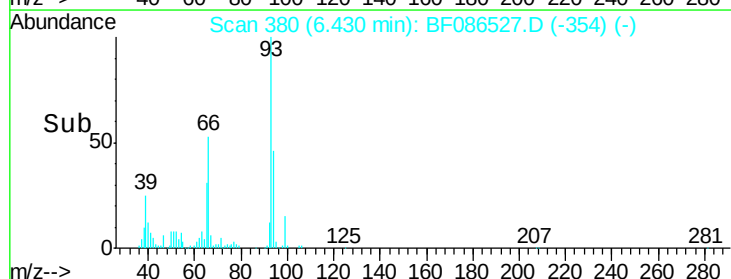
65 30.7 20.6 31.0

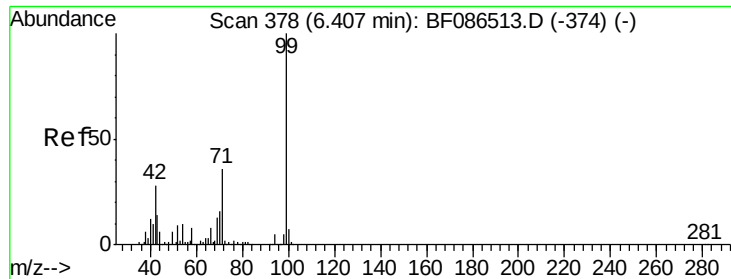


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.99 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampled :

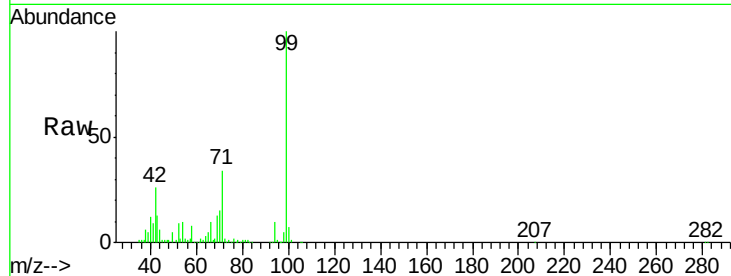
Tot Ion: 99 Resp: 854989

Ion Ratio Lower Upper

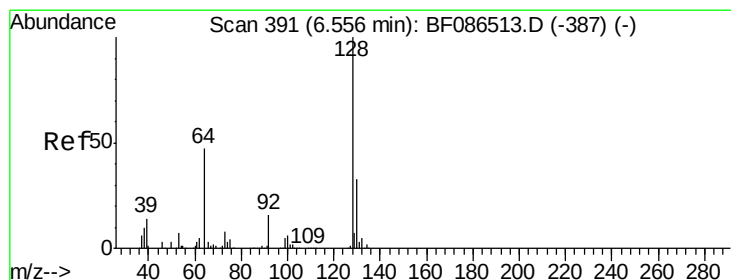
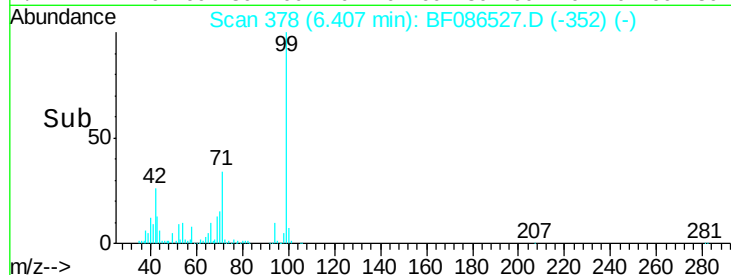
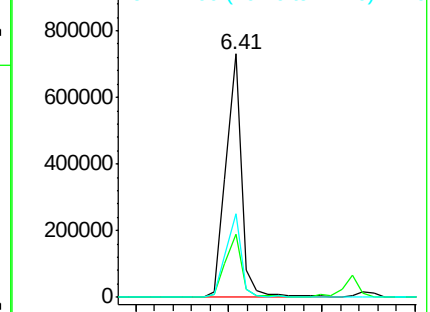
99 100

42 25.7 13.6 20.4#

71 34.3 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: 36.10 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

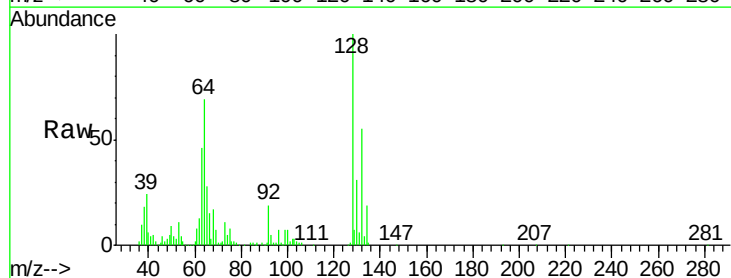
Tgt Ion: 128 Resp: 353151

Ion Ratio Lower Upper

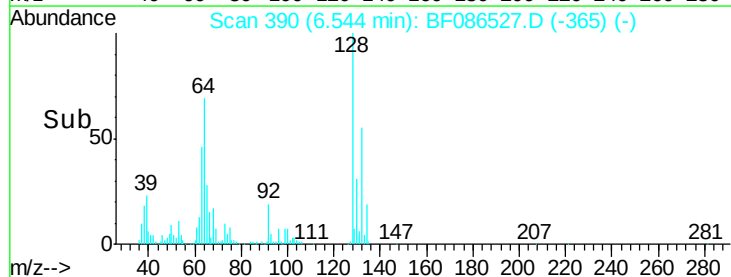
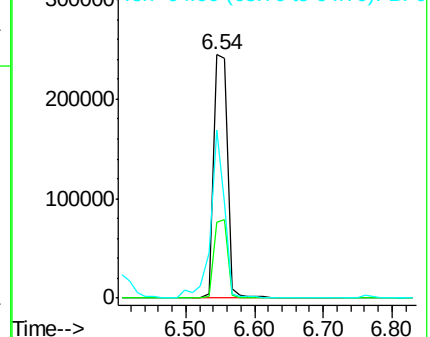
128 100

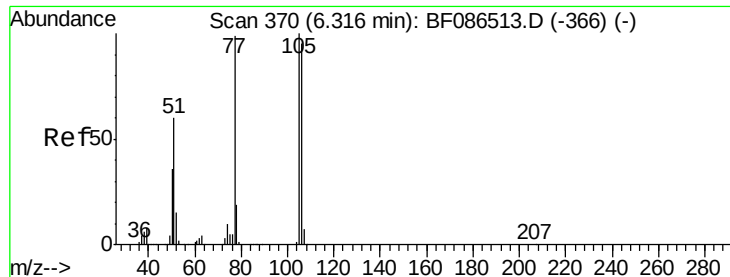
130 31.2 12.5 52.5

64 69.2 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: 7.46 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

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ClientSampleId :

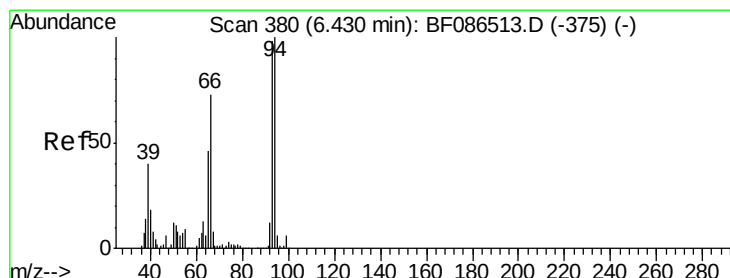
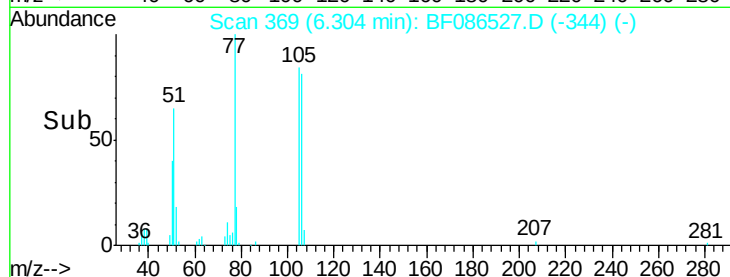
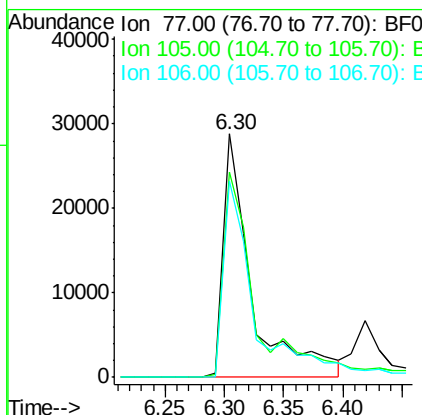
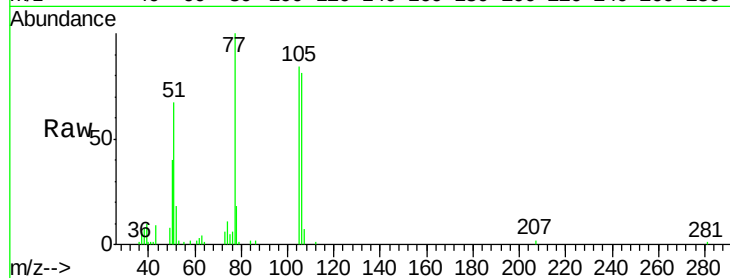
Tot Ion: 77 Resp: 47578

Ion Ratio Lower Upper

77 100

105 84.3 72.7 112.7

106 80.8 70.8 110.8



#10

Phenol

Concen: 38.89 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

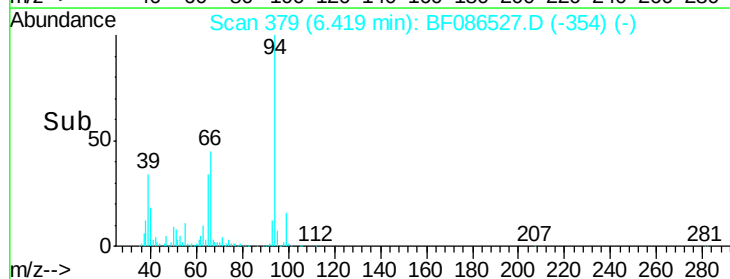
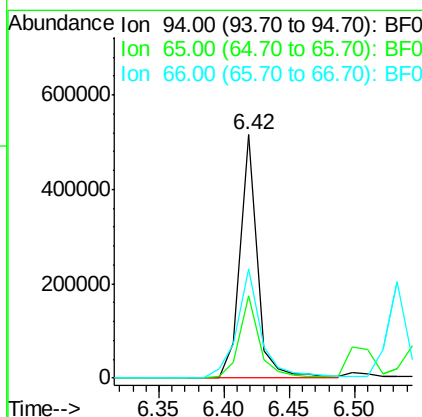
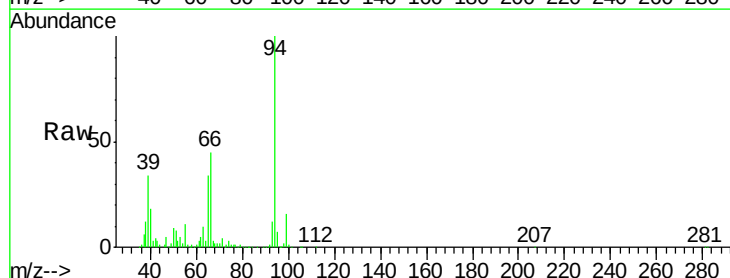
Tgt Ion: 94 Resp: 475646

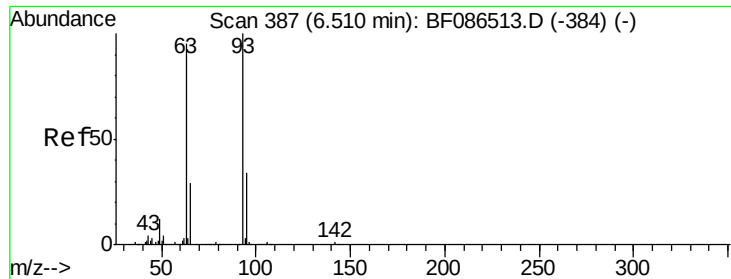
Ion Ratio Lower Upper

94 100

65 34.1 7.2 47.2

66 45.0 14.9 54.9

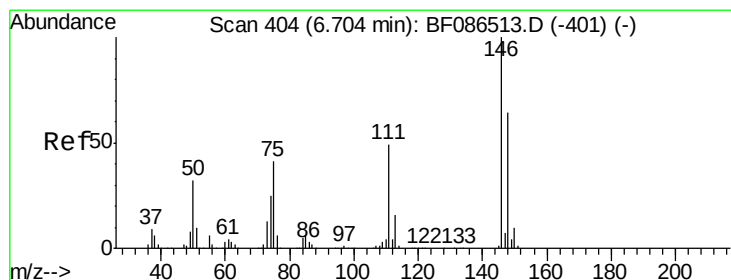
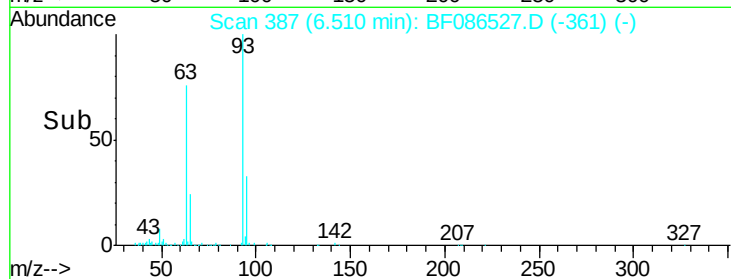
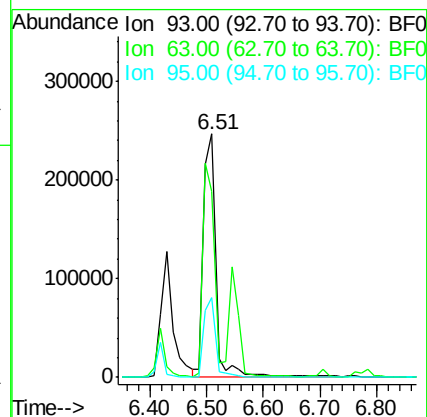
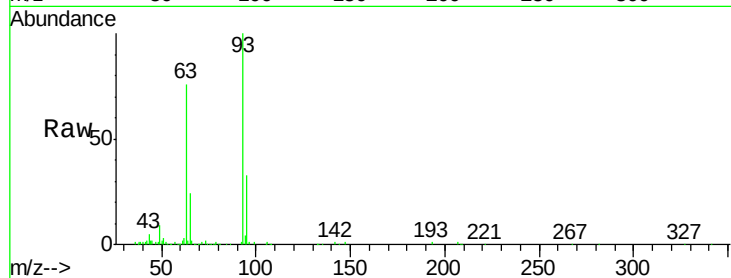




#11
bis(2-Chloroethyl)ether
Concen: 34.50 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

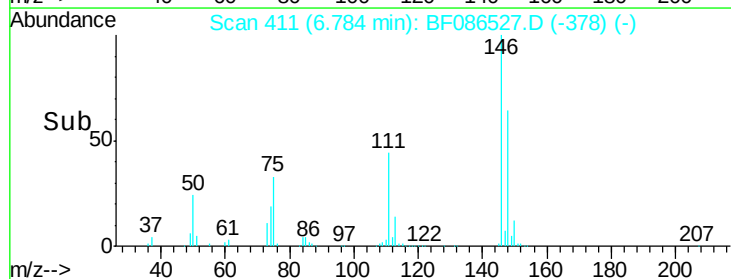
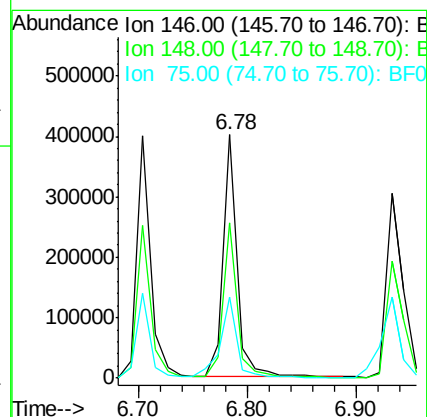
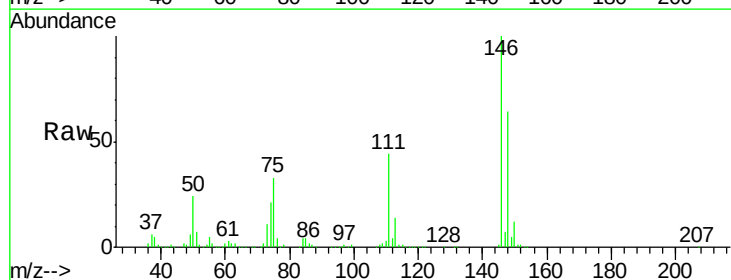
Instrument :
BNA_F
ClientSampleId :

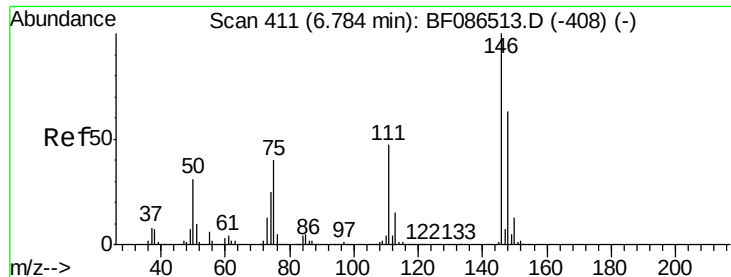
Tot Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.0	98.0
95	33.0	11.9	51.9



#12
1,3-Dichlorobenzene
Concen: 35.06 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.08 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.4	78.6
75	33.1	22.8	34.2

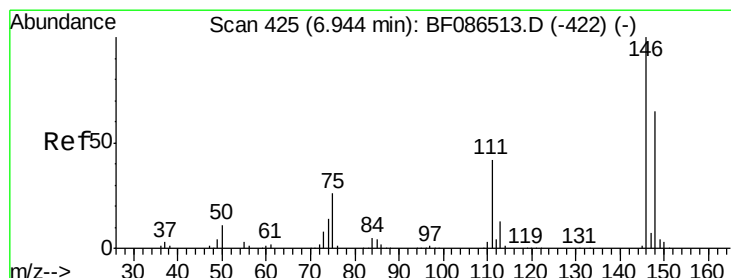
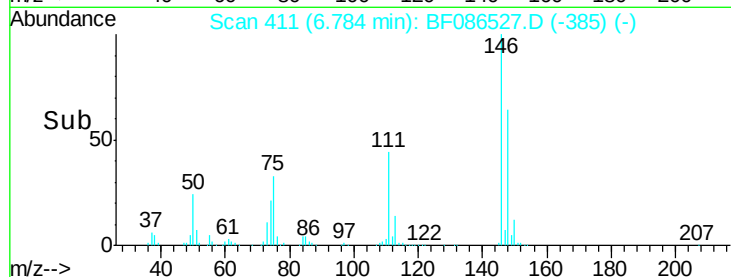
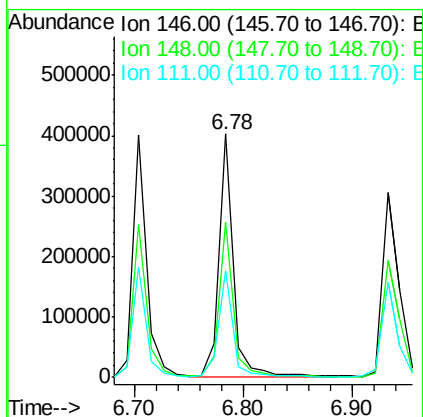
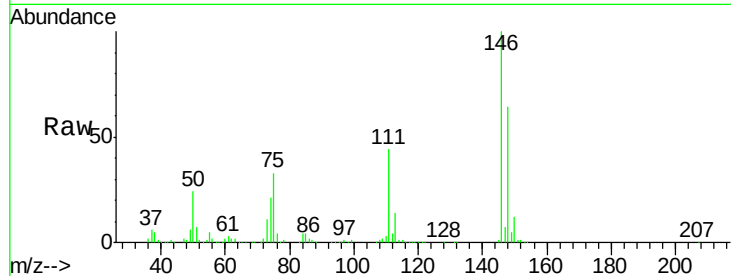




#13
 1,4-Dichlorobenzene
 Concen: 34.82 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

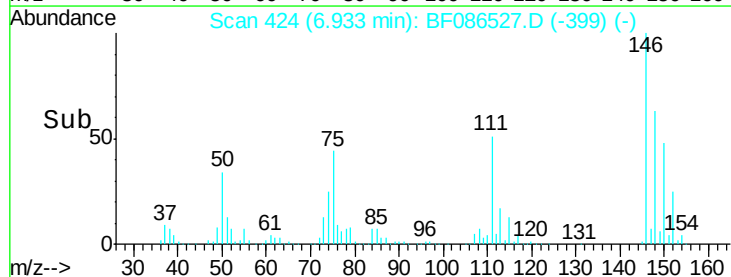
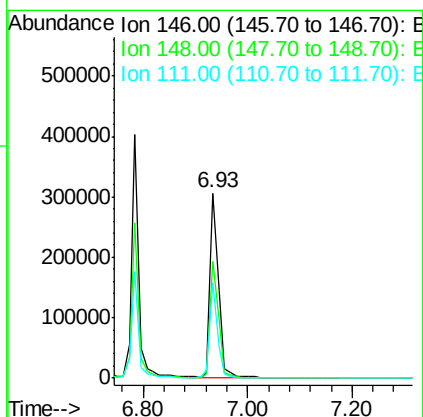
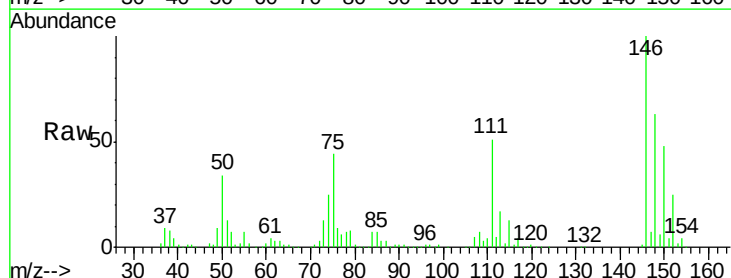
Instrument :
 BNA_F
 ClientSampled :

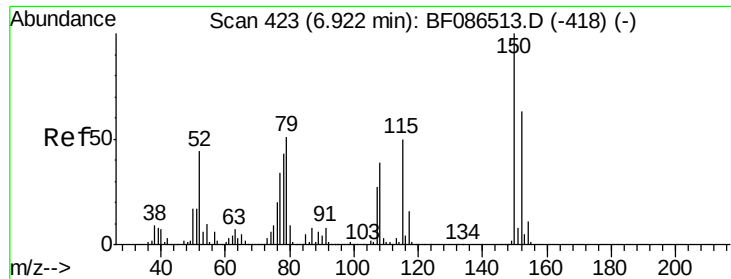
Tot Ion:146 Resp: 378020
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.2 78.4
 111 43.9 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 34.54 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:146 Resp: 343930
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.0 76.6
 111 51.3 36.2 54.4





#15

Benzyl Alcohol

Concen: 41.20 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampled :

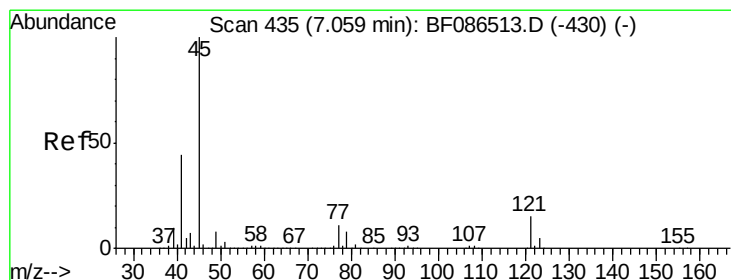
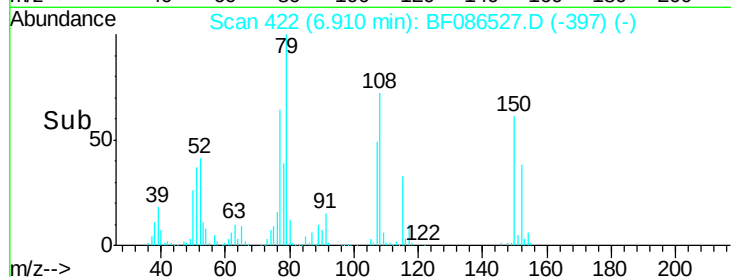
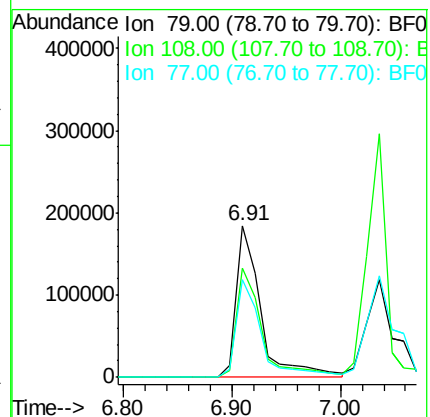
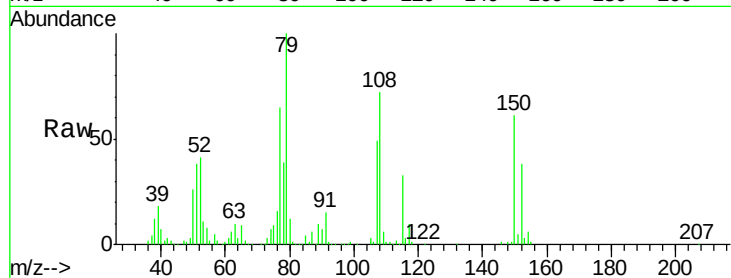
Tot Ion: 79 Resp: 285741

Ion Ratio Lower Upper

79 100

108 71.7 68.4 102.6

77 64.6 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.13 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

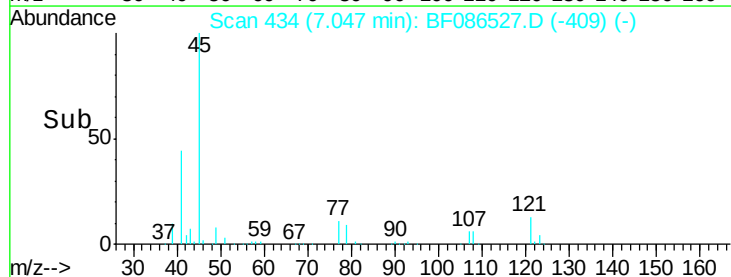
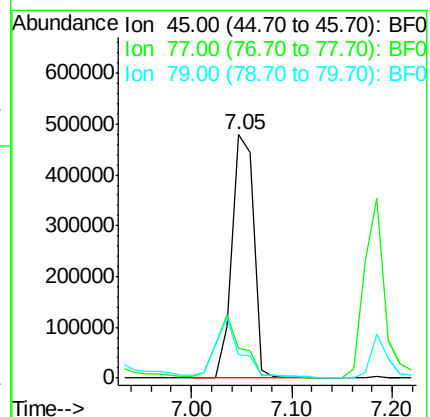
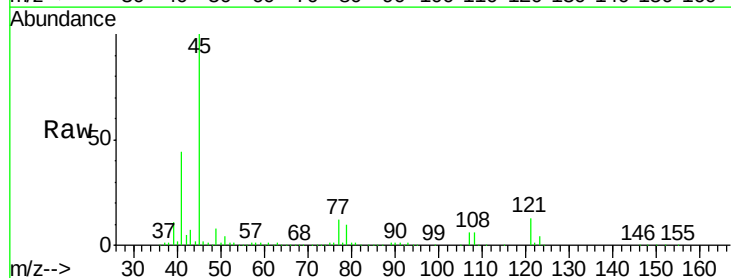
Tgt Ion: 45 Resp: 722243

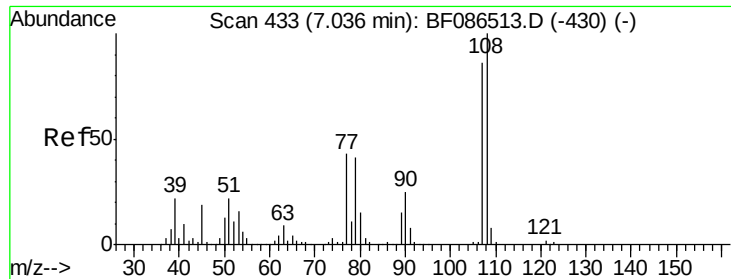
Ion Ratio Lower Upper

45 100

77 12.1 0.0 36.4

79 9.7 0.0 33.4

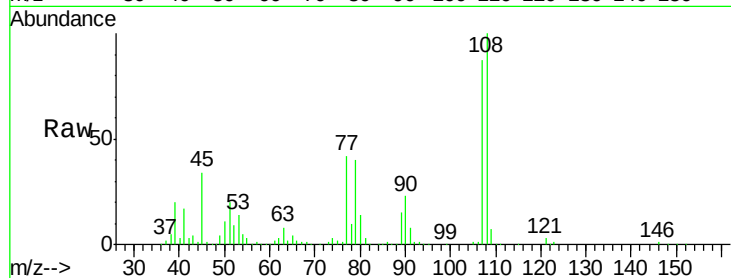




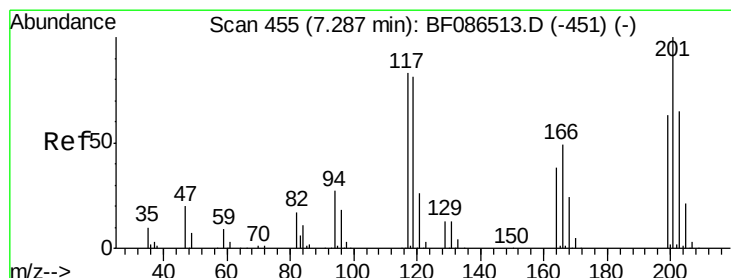
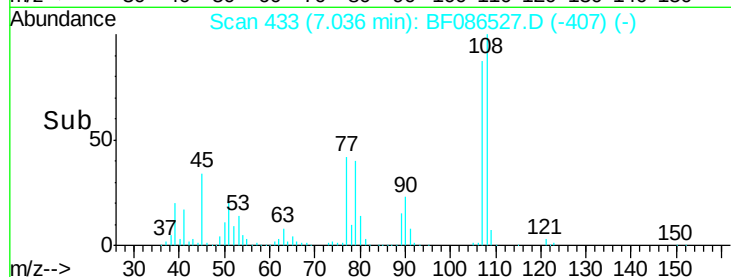
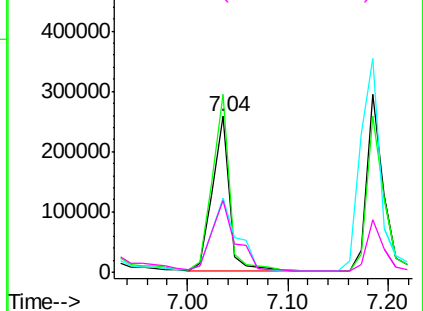
#17
2-Methylphenol
Concen: 38.89 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 307486
Ion Ratio Lower Upper
107 100
108 114.7 93.7 140.5
77 48.1 33.4 50.0
79 46.3 34.3 51.5

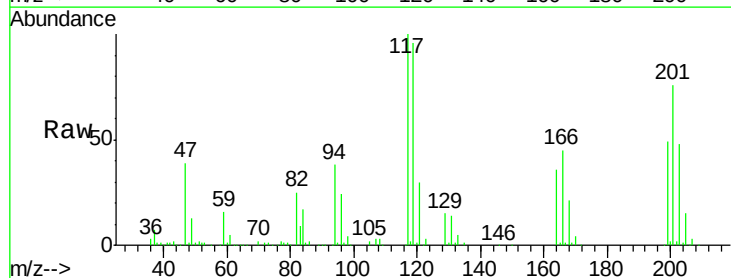


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

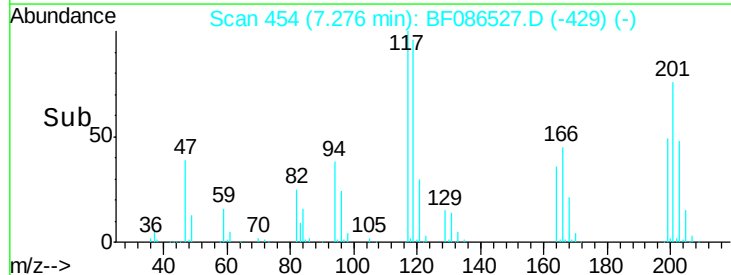
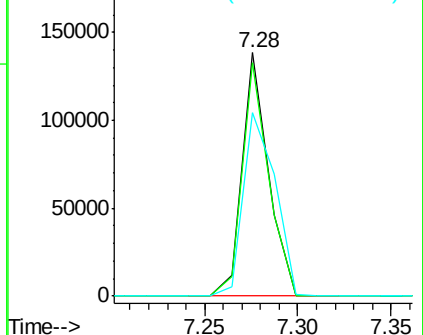


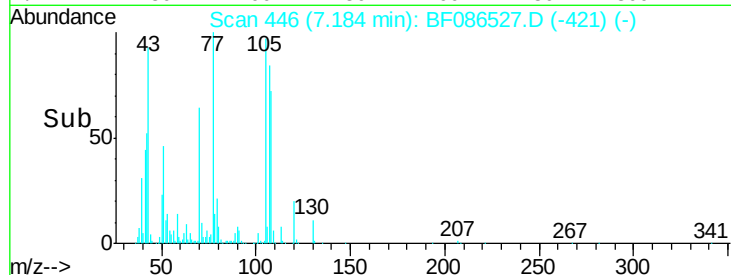
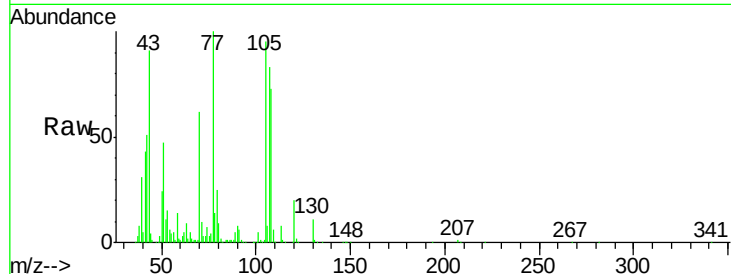
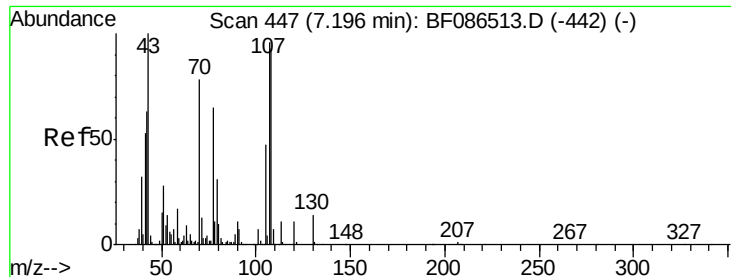
#18
Hexachloroethane
Concen: 33.38 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:117 Resp: 135426
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7
201 75.6 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

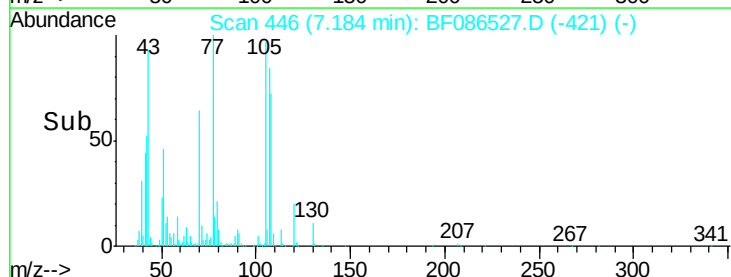
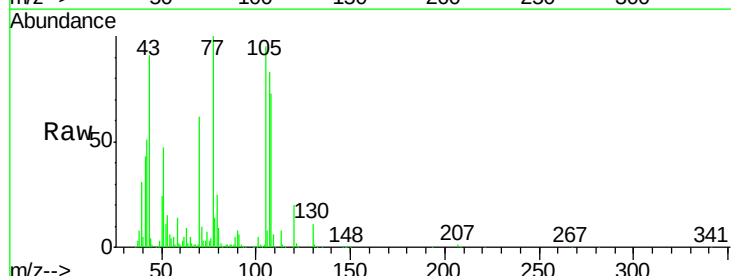
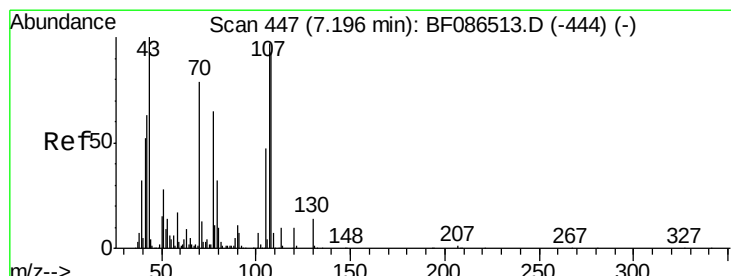
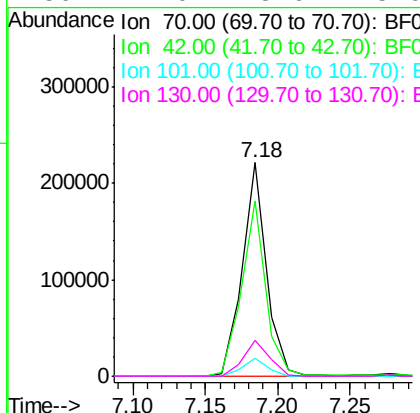




#19
n-Nitroso-di-n-propylamine
Concen: 35.46 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

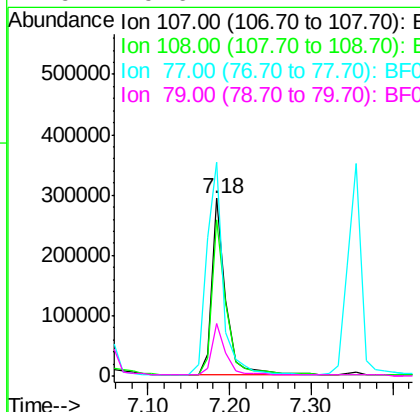
Instrument :
BNA_F
ClientSampleId :

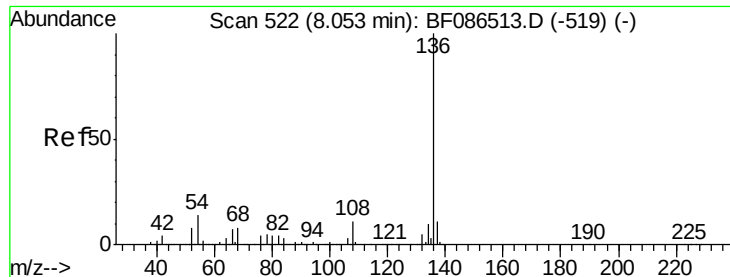
Tot Ion: 70 Resp: 256928
Ion Ratio Lower Upper
70 100
42 82.1 43.1 64.7#
101 8.3 8.1 12.1
130 17.0 18.6 28.0#



#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion: 107 Resp: 358412
Ion Ratio Lower Upper
107 100
108 87.5 68.5 108.5
77 120.0 101.6 141.6
79 29.6 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: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 586144

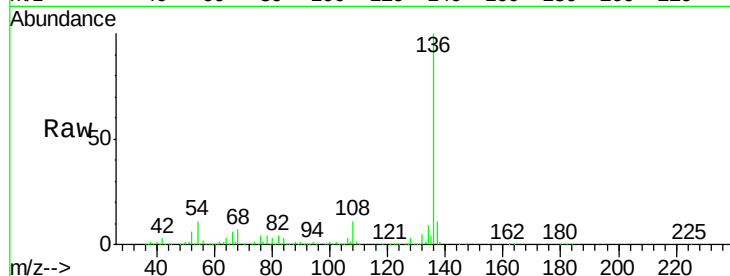
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 11.5 5.0 7.4#

68 7.3 4.4 6.6#

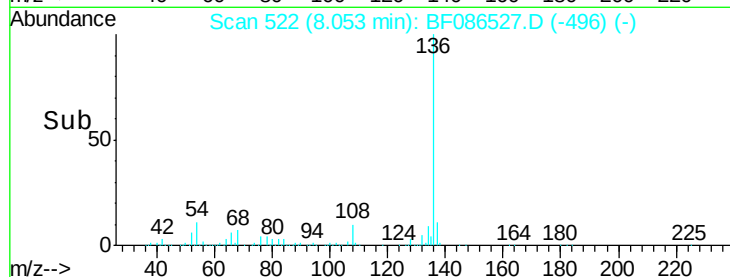


Abundance Ion 136.00 (135.70 to 136.70): E

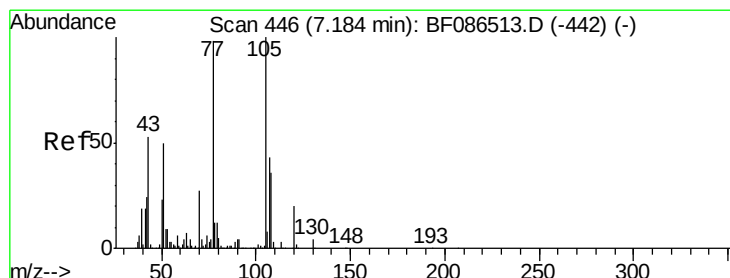
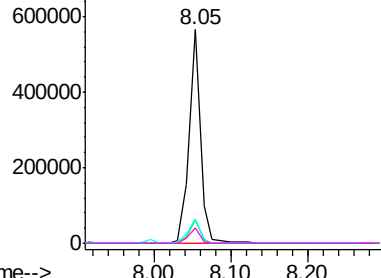
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 38.64 ng

RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:105 Resp: 496571

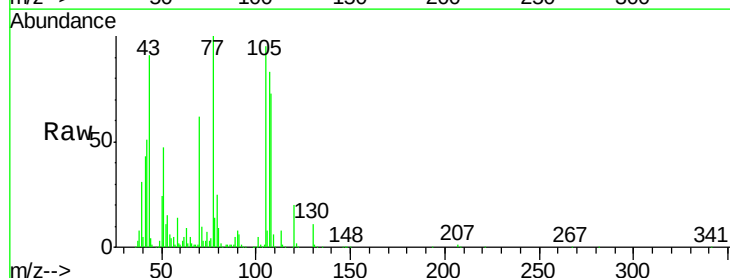
Ion Ratio Lower Upper

105 100

71 10.9 4.8 7.2#

51 49.4 32.6 49.0#

120 20.8 16.5 24.7

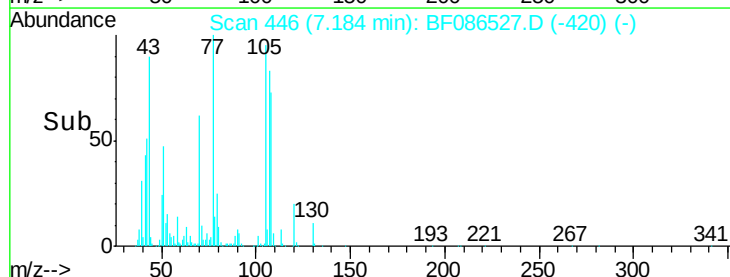


Abundance Ion 105.00 (104.70 to 105.70): E

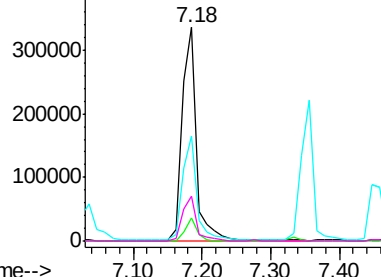
Ion 71.00 (70.70 to 71.70): BF0

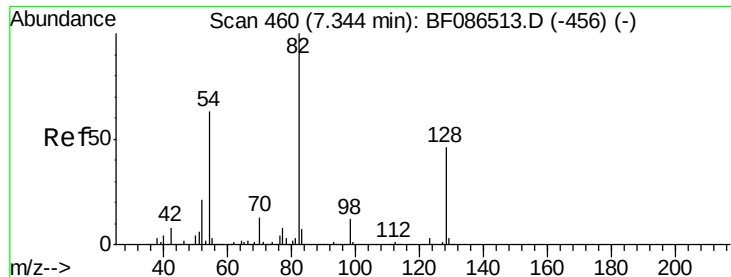
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

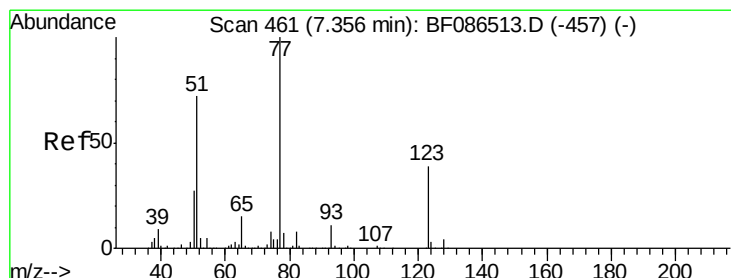
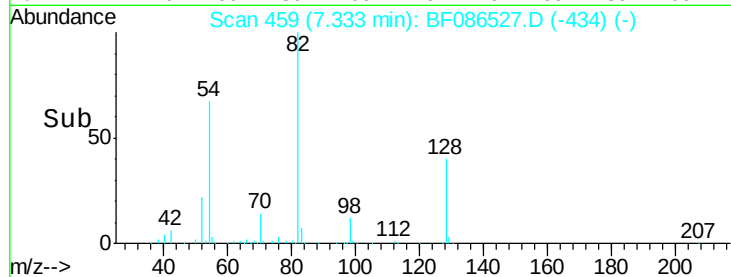
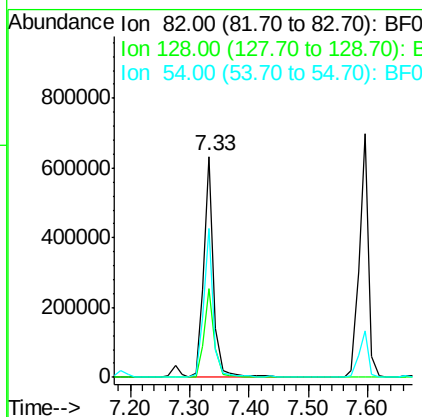
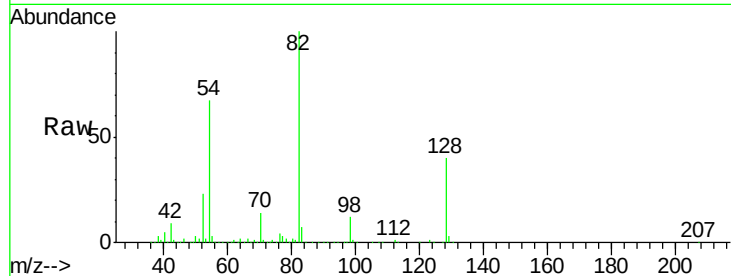




#23
 Nitrobenzene-d5
 Concen: 70.44 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

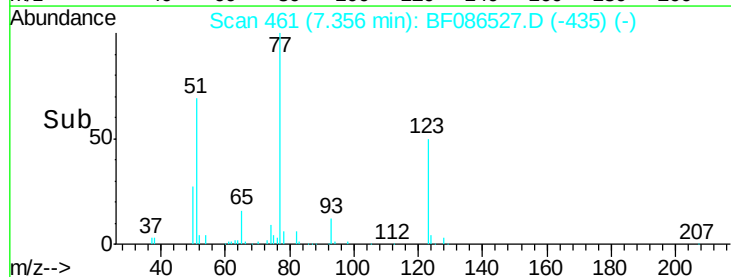
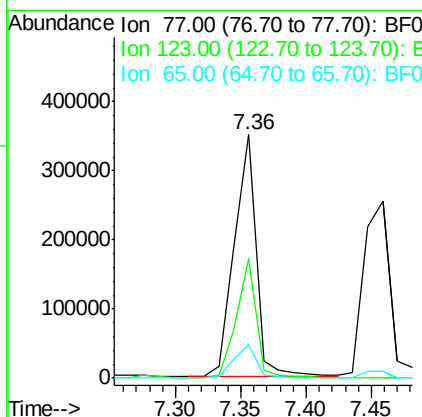
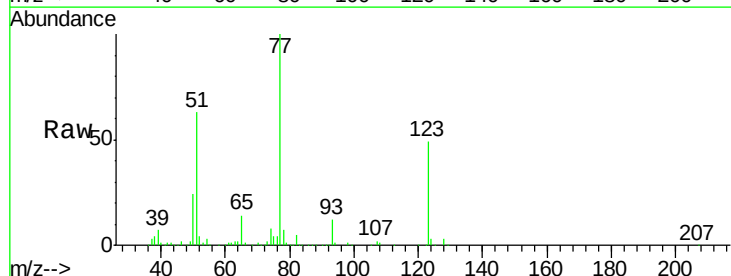
Instrument :
 BNA_F
 ClientSampled :

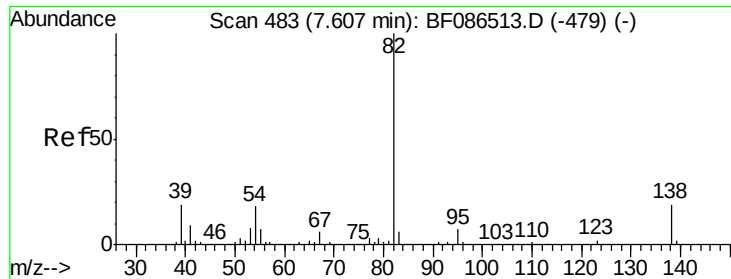
Tot Ion: 82 Resp: 765978
 Ion Ratio Lower Upper
 82 100
 128 40.3 40.6 61.0#
 54 67.5 38.1 57.1#



#24
 Nitrobenzene
 Concen: 36.19 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion: 77 Resp: 404883
 Ion Ratio Lower Upper
 77 100
 123 49.1 33.0 49.4
 65 13.9 10.8 16.2





#25

Isophorone

Concen: 35.43 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

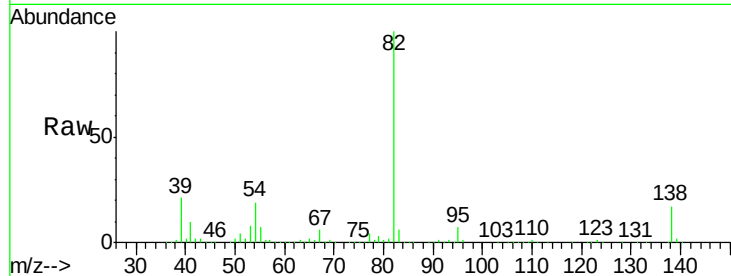
Tot Ion: 82 Resp: 741506

Ion Ratio Lower Upper

82 100

95 7.0 5.1 7.7

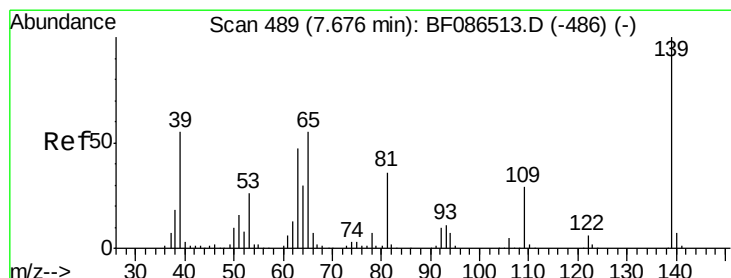
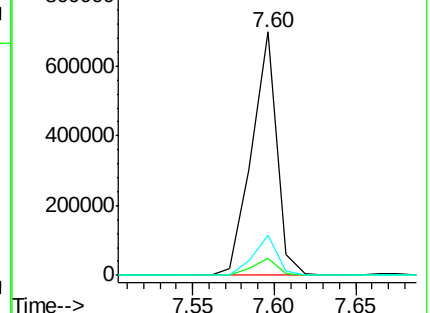
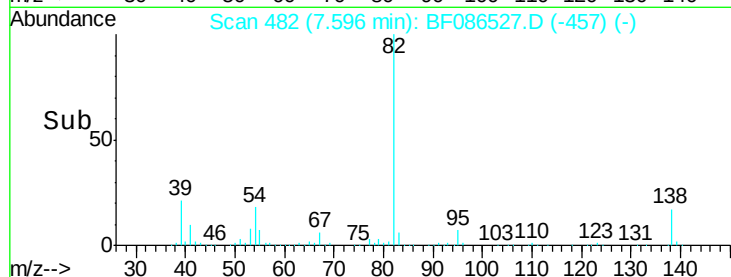
138 16.5 12.4 18.6



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: 36.44 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

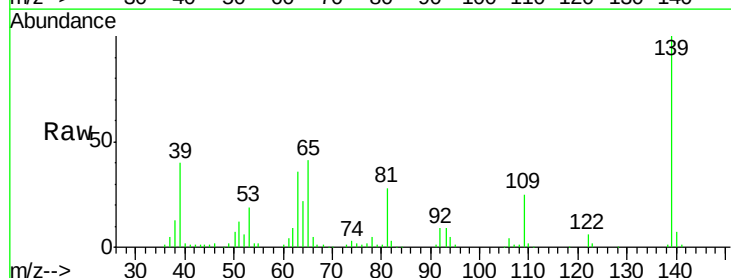
Tgt Ion: 139 Resp: 187669

Ion Ratio Lower Upper

139 100

109 25.3 19.5 29.3

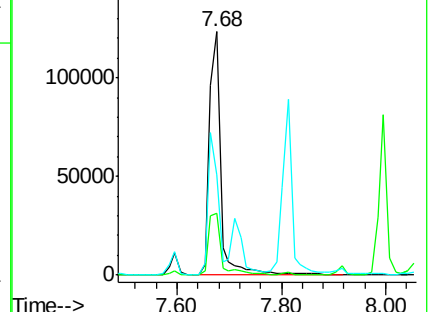
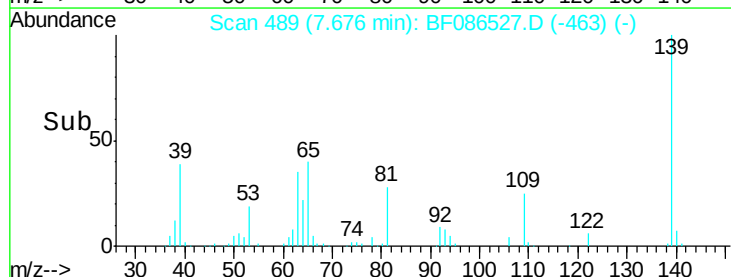
65 41.3 37.5 56.3

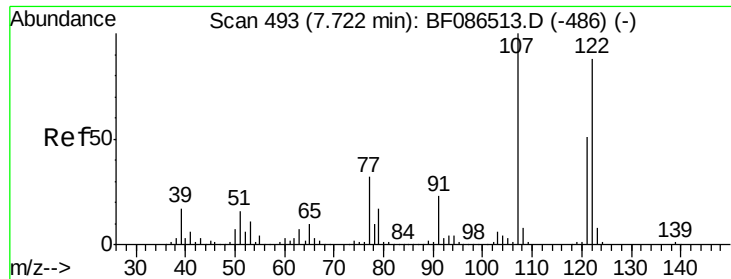


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

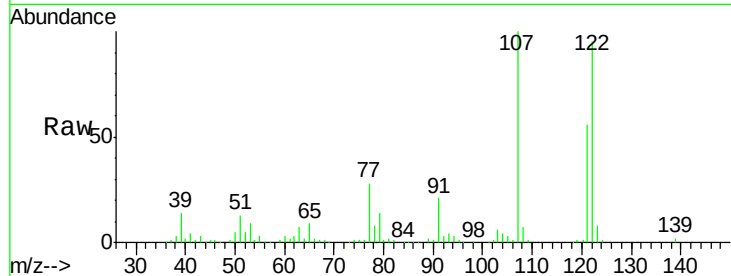




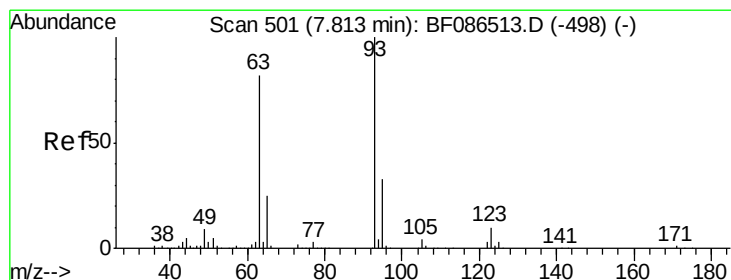
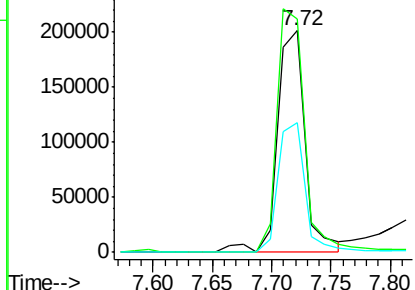
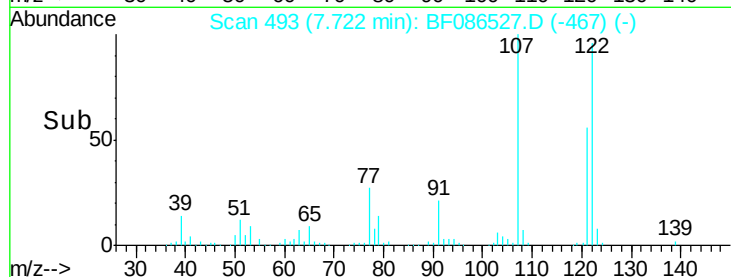
#27
 2,4-Dimethylphenol
 Concen: 35.76 ng
 RT: 7.72 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	105.4	82.0	123.0
121	58.6	46.1	69.1

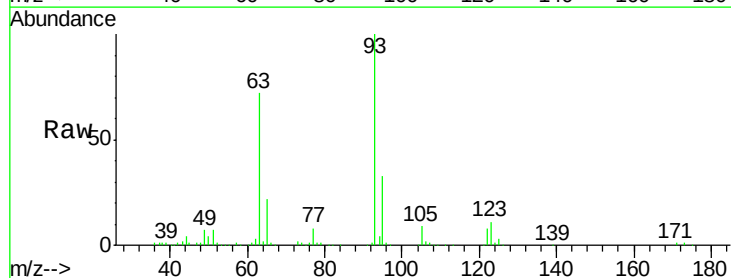


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

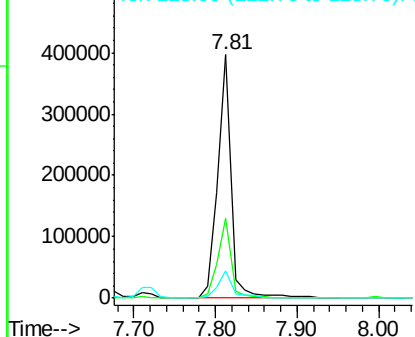
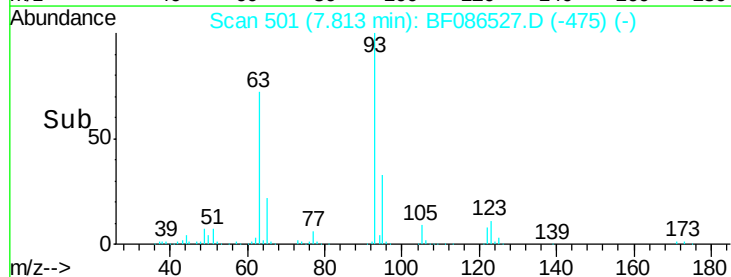


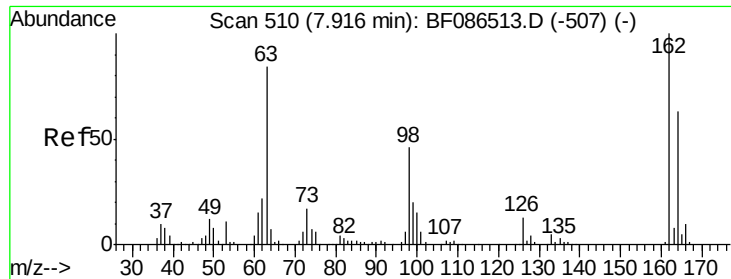
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.41 ng
 RT: 7.81 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	11.3	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

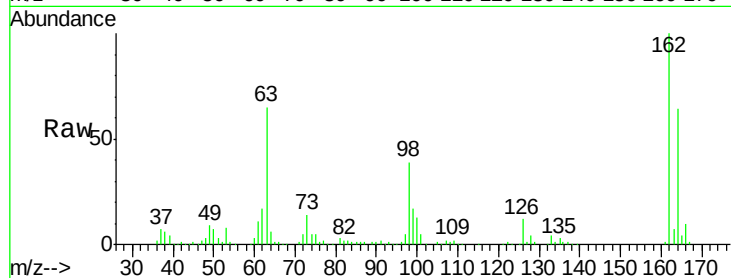




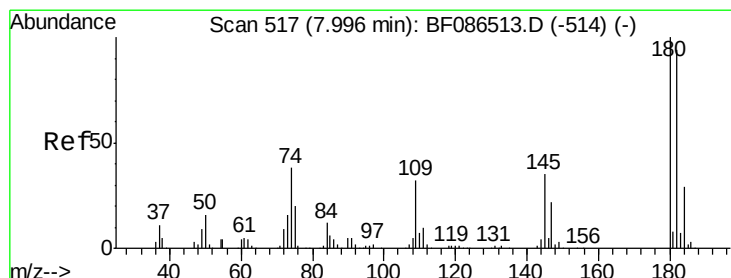
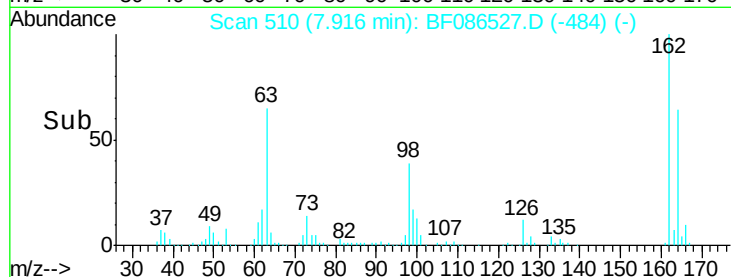
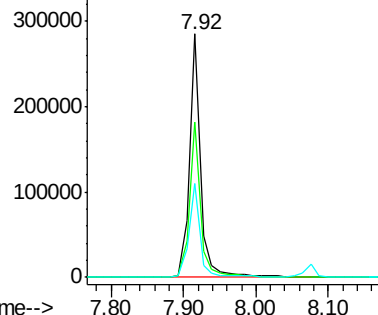
#29
 2,4-Dichlorophenol
 Concen: 39.95 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	42.2	82.2
98	38.7	19.0	59.0

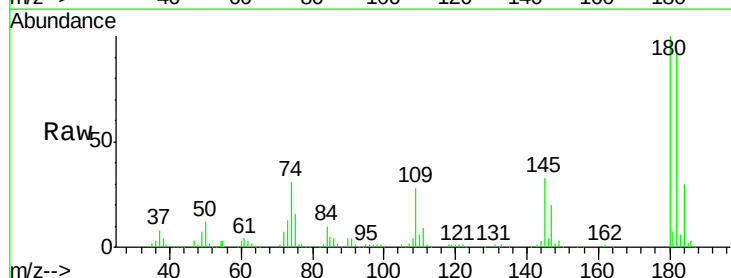


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

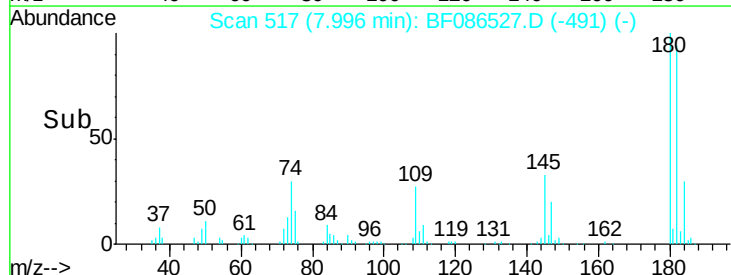
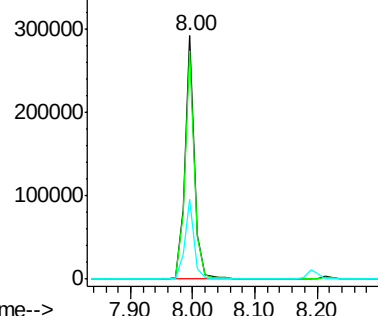


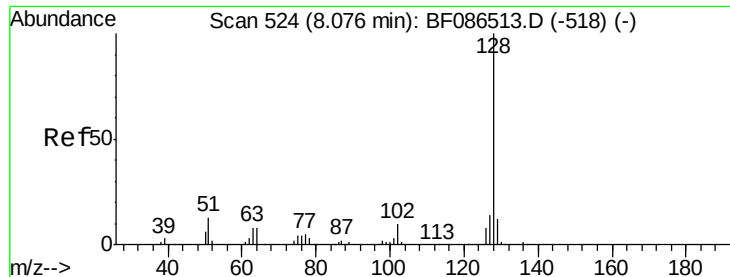
#30
 1,2,4-Trichlorobenzene
 Concen: 34.74 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.0	117.0
145	32.6	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: 35.70 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

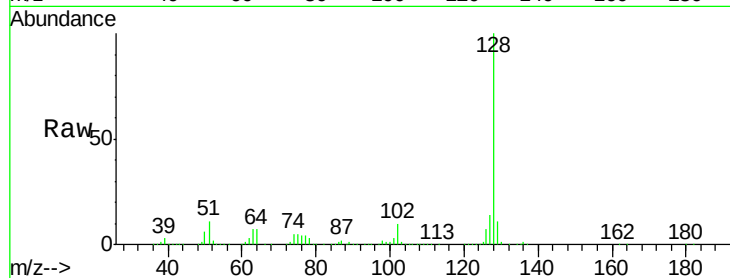
Tot Ion:128 Resp: 1064794

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

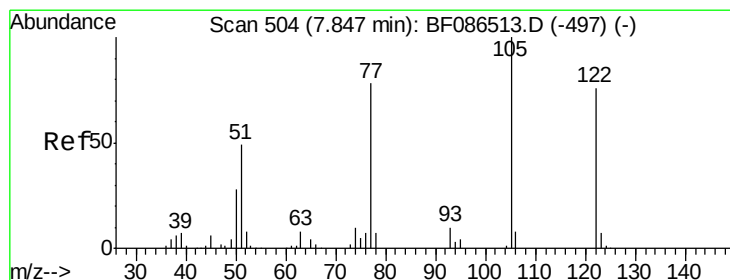
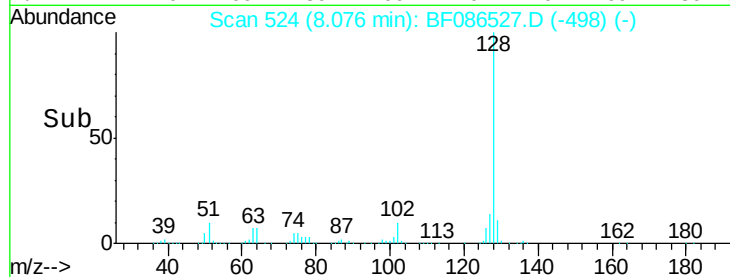
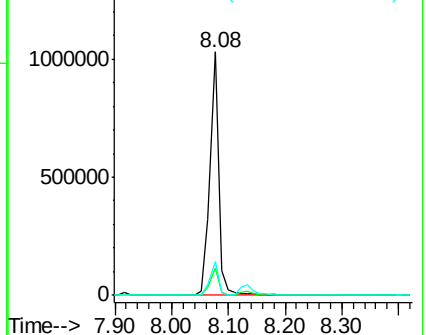
127 13.6 10.8 16.2



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: 32.85 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

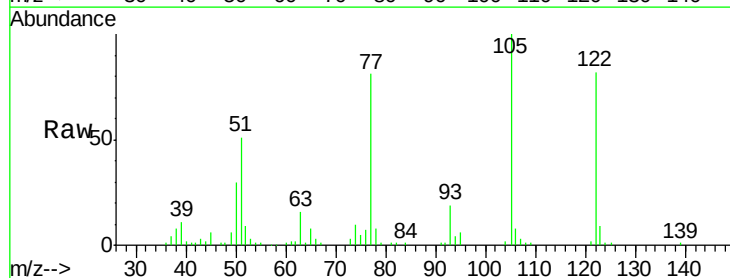
Tgt Ion:122 Resp: 161169

Ion Ratio Lower Upper

122 100

105 122.6 92.6 132.6

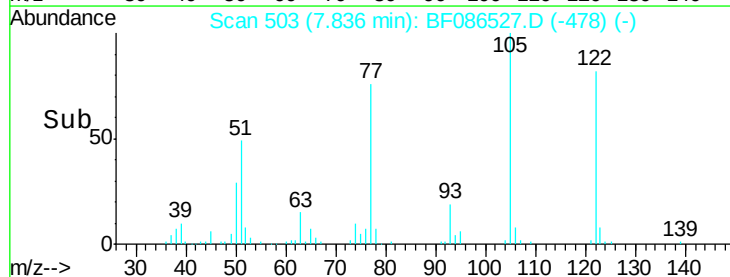
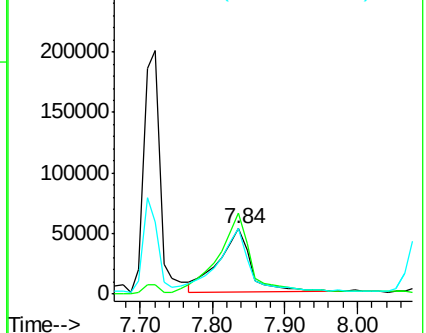
77 99.6 60.0 100.0

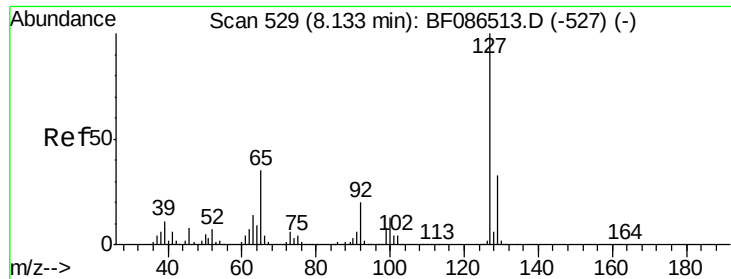


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

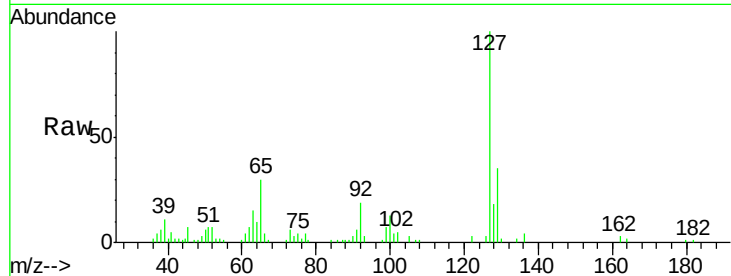




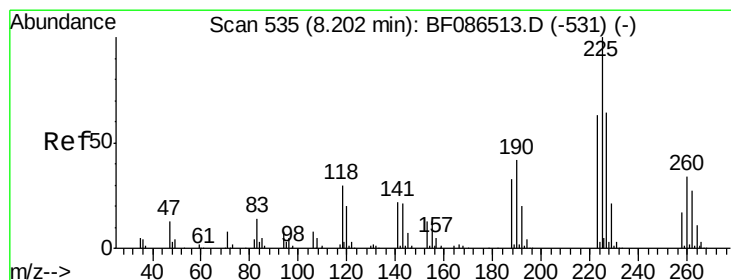
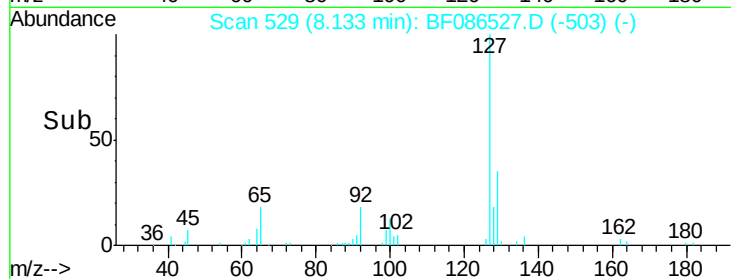
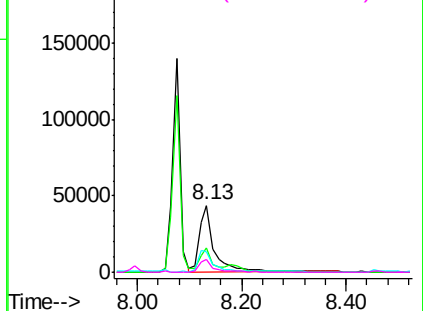
#33
4-Chloroaniline
Concen: 7.91 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	88338
Ion Ratio	Lower	Upper
127	100	
129	35.4	26.2 39.4
65	30.4	23.0 34.4
92	18.9	15.1 22.7

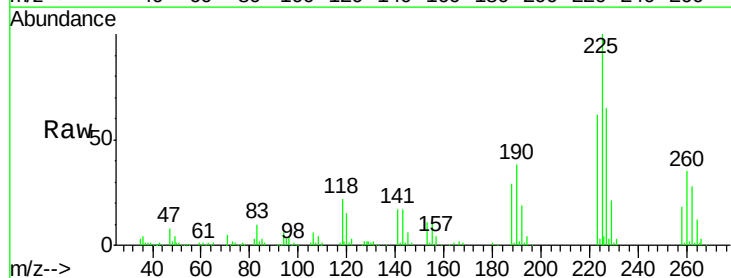


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

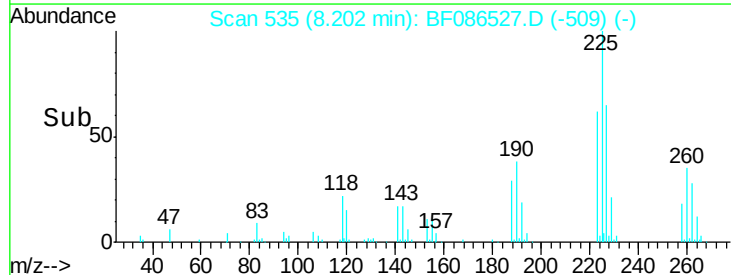
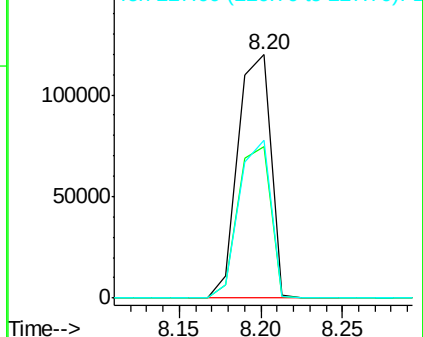


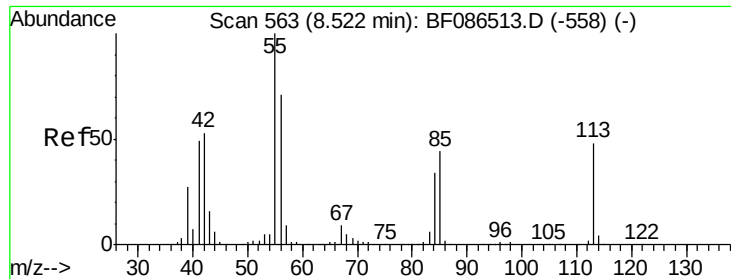
#34
Hexachlorobutadiene
Concen: 33.44 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:225	Resp:	165820
Ion Ratio	Lower	Upper
225	100	
223	62.0	51.5 77.3
227	64.6	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: 28.99 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampled :

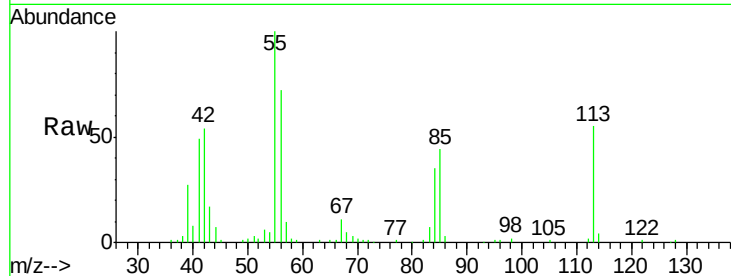
Tot Ion:113 Resp: 73741

Ion Ratio Lower Upper

113 100

55 182.2 162.0 202.0

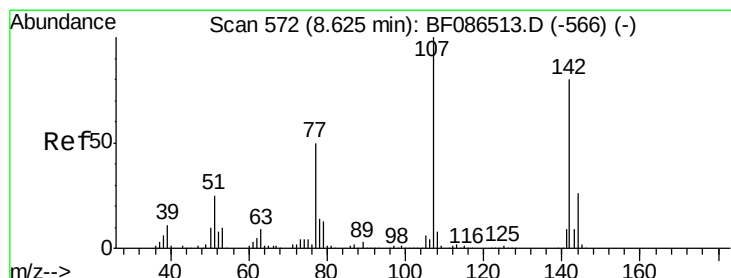
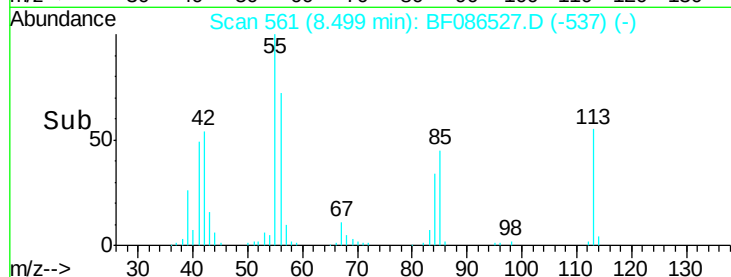
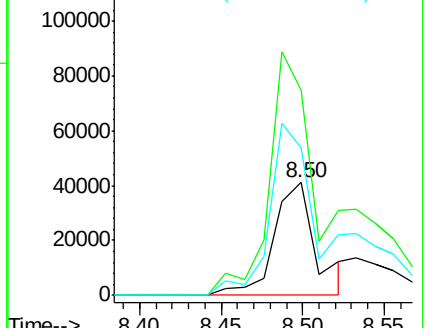
56 130.9 115.3 155.3



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: 38.68 ng

RT: 8.61 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

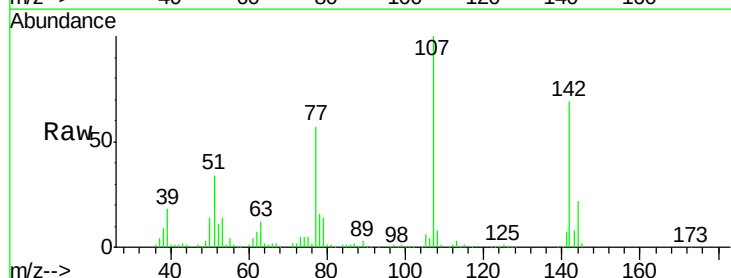
Tgt Ion:107 Resp: 337696

Ion Ratio Lower Upper

107 100

144 22.0 20.7 31.1

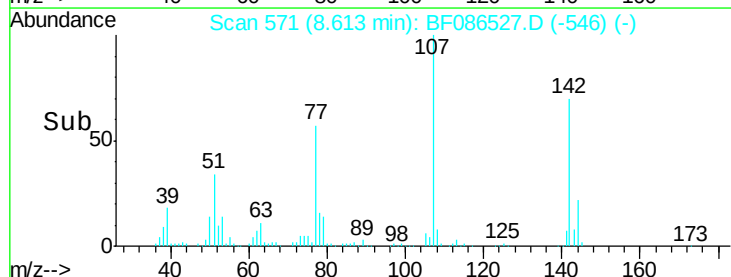
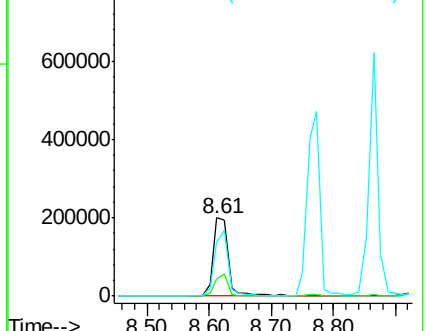
142 69.4 63.2 94.8

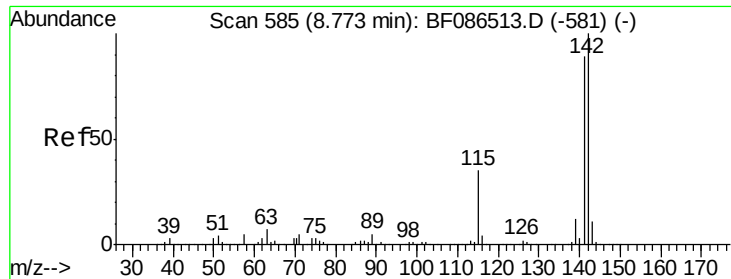


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

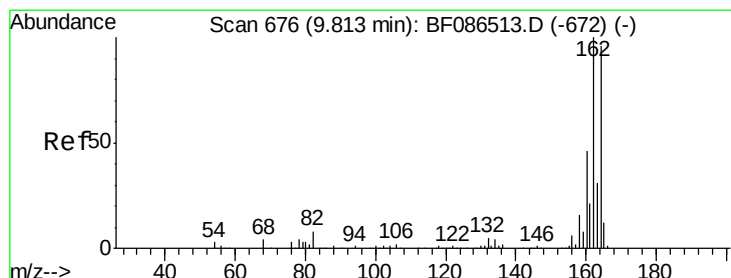
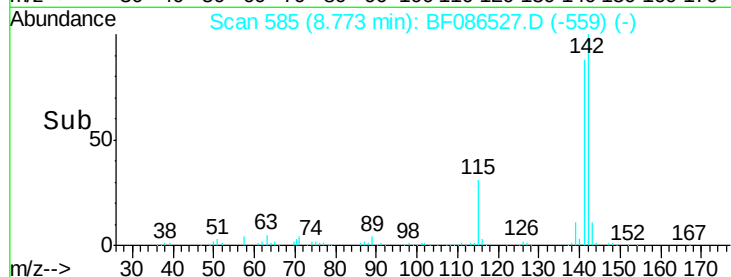
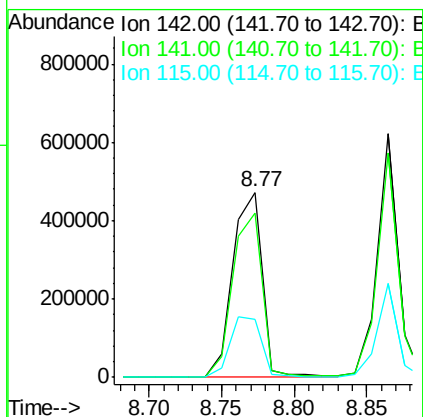
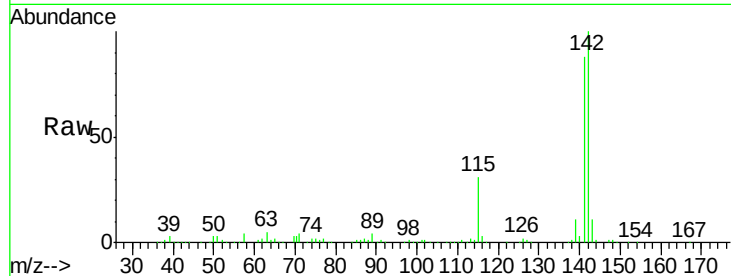




#37
2-Methylnaphthalene
Concen: 38.10 ng
RT: 8.77 min Scan# 585
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

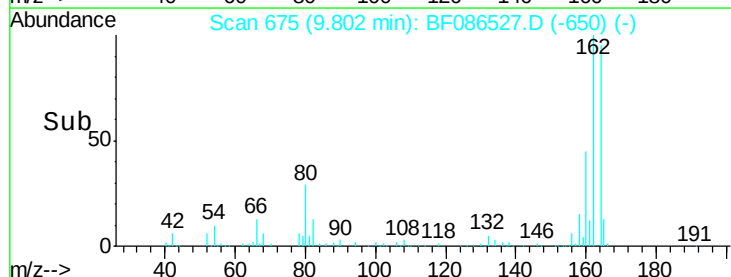
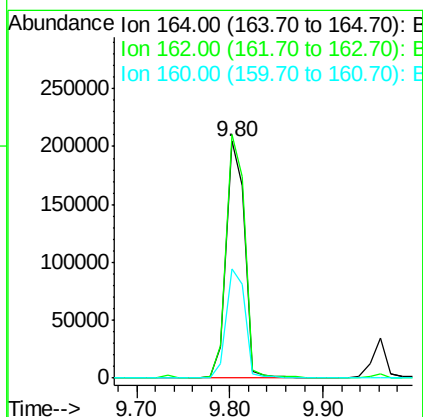
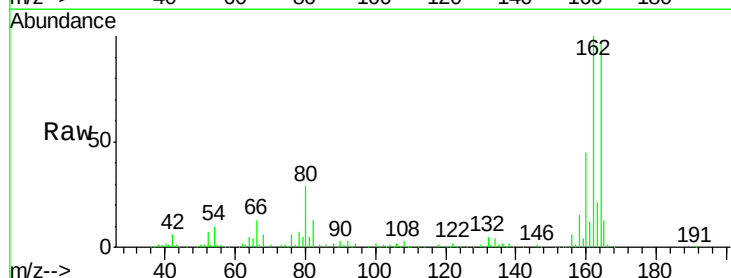
Instrument :
BNA_F
ClientSampleId :

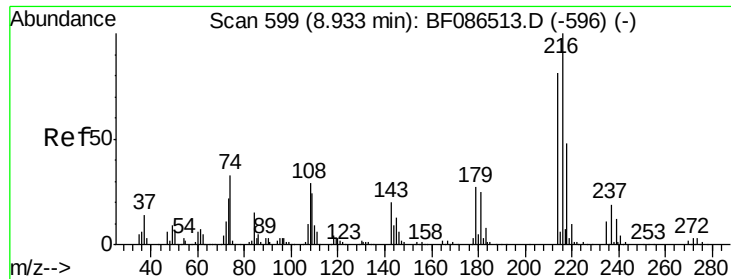
Tot Ion:142 Resp: 670501
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 31.2 26.6 39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:164 Resp: 283208
Ion Ratio Lower Upper
164 100
162 102.8 82.8 124.2
160 46.1 36.9 55.3

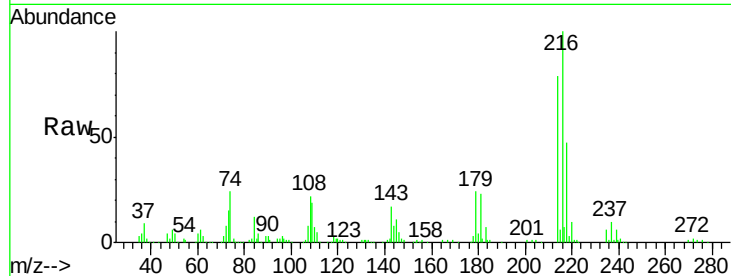




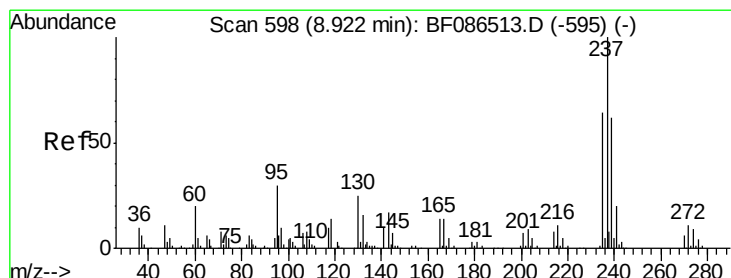
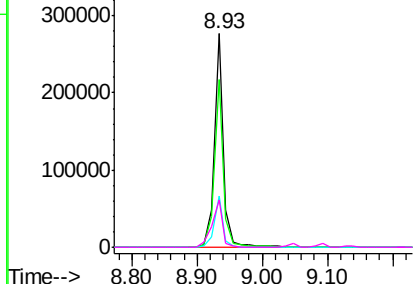
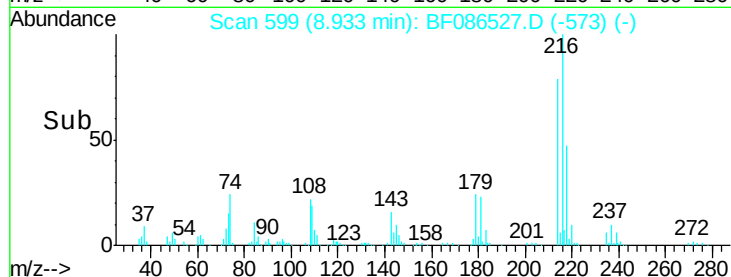
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.71 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	273286
Ion Ratio	Lower	Upper
216	100	
214	78.3	62.6 93.8
179	23.4	18.2 27.4
108	25.3	17.5 26.3

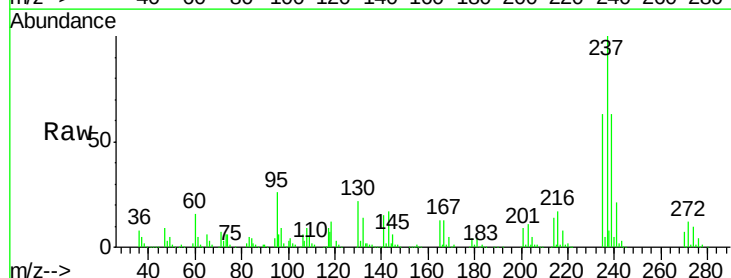


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

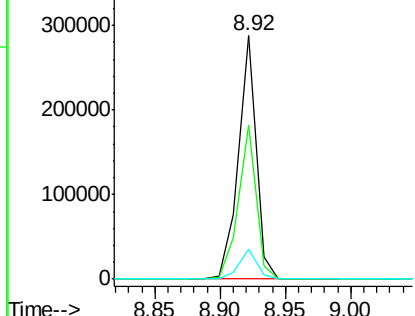
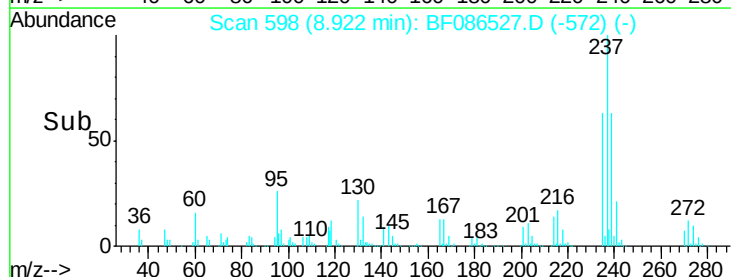


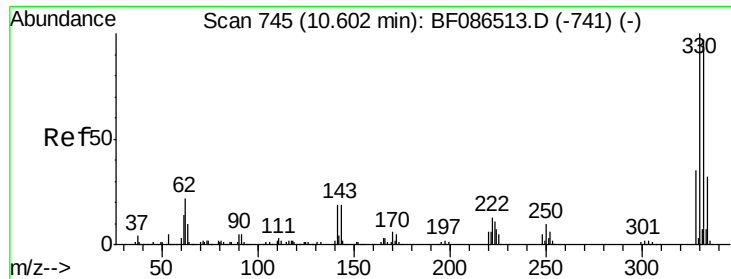
#40
 Hexachlorocyclopentadiene
 Concen: 67.24 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:237	Resp:	270864
Ion Ratio	Lower	Upper
237	100	
235	63.4	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

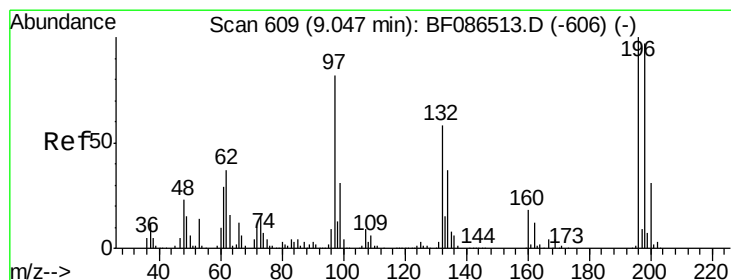
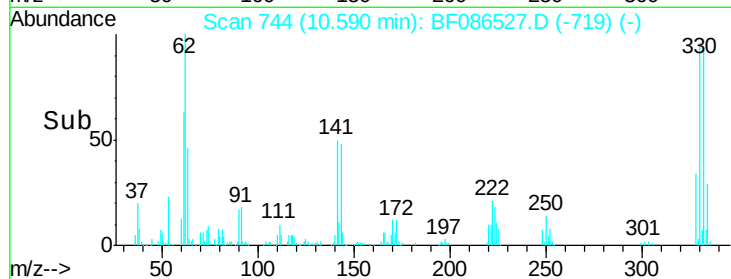
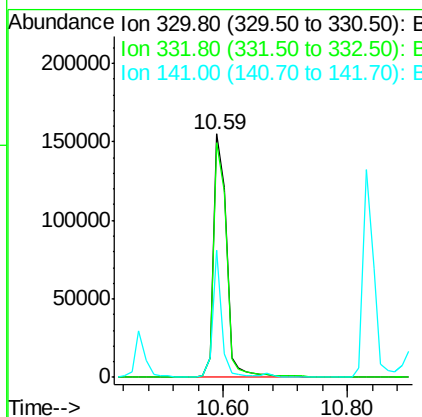
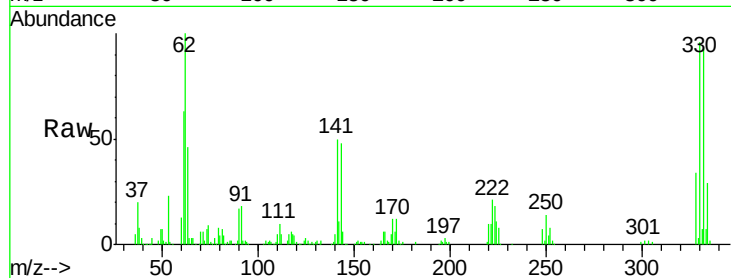




#41
 2,4,6-Tribromophenol
 Concen: 74.82 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

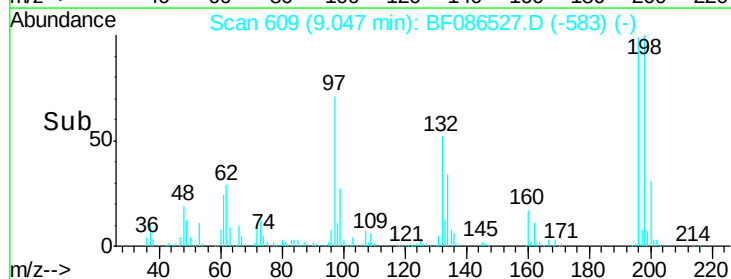
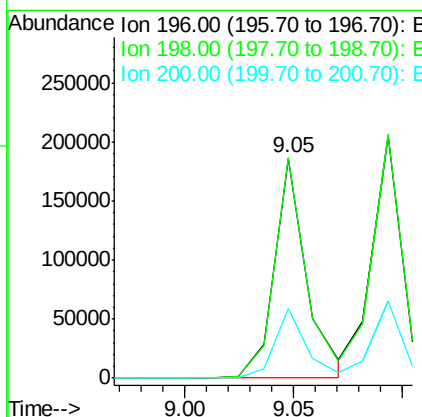
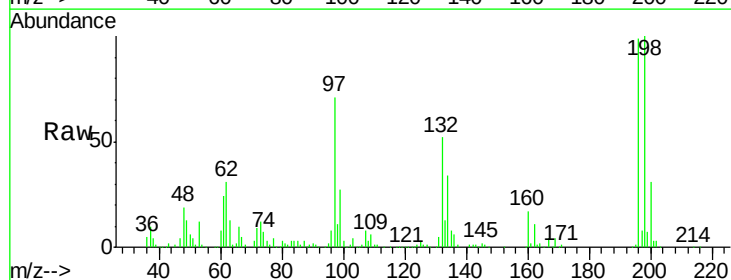
Instrument :
 BNA_F
 ClientSampled :

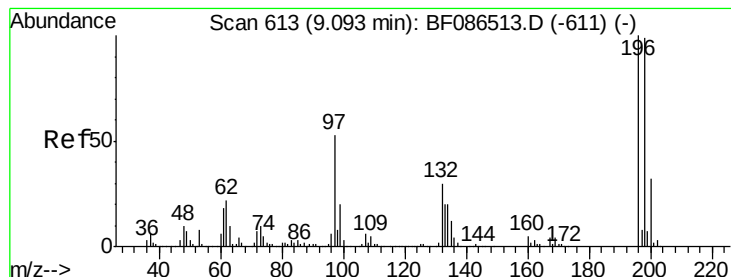
Tot Ion	330	332	141
Ion	330	332	141
Ratio	100	97.7	34.8
Lower		79.0	31.2
Upper		118.4	46.8



#42
 2,4,6-Trichlorophenol
 Concen: 37.54 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	196	198	200
Ion	196	198	200
Ratio	100	100.6	31.5
Lower		74.7	23.8
Upper		112.1	35.6

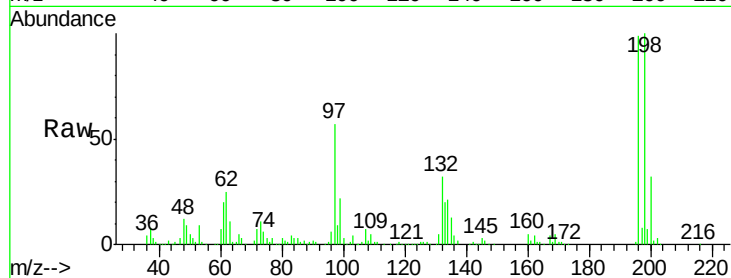




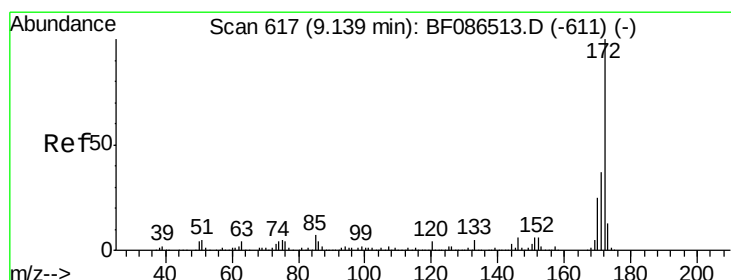
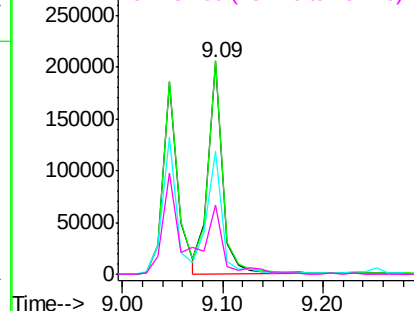
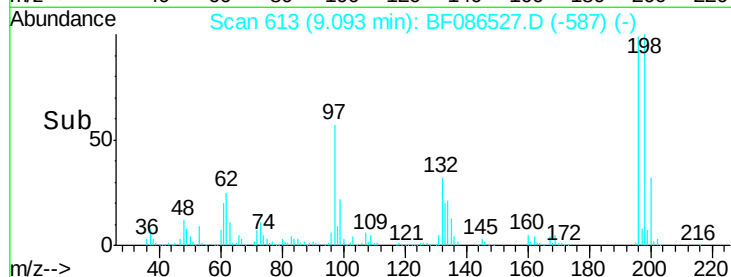
#43
 2,4,5-Trichlorophenol
 Concen: 37.07 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 207038
 Ion Ratio Lower Upper
 196 100
 198 100.6 77.5 116.3
 97 57.7 34.8 52.2#
 132 32.4 23.0 34.4

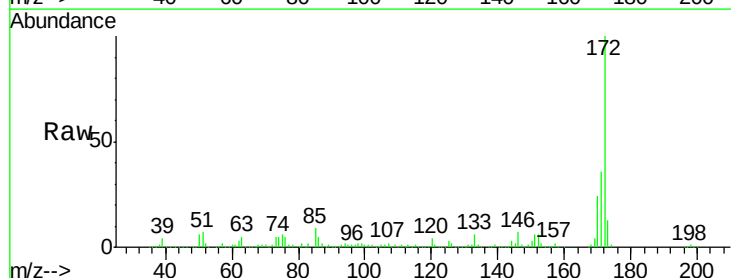


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

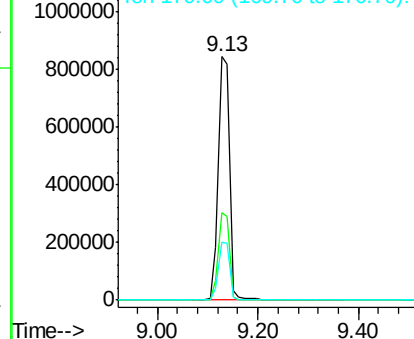
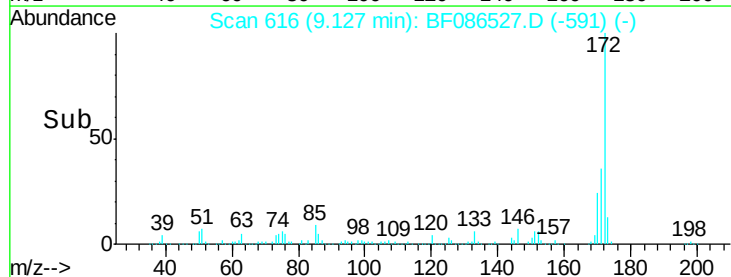


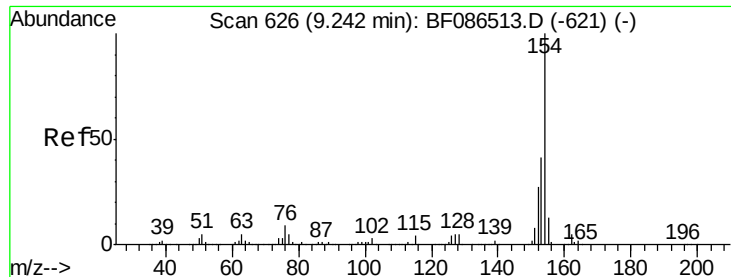
#44
 2-Fluorobiphenyl
 Concen: 81.13 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:172 Resp: 1326080
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.6
 170 24.0 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

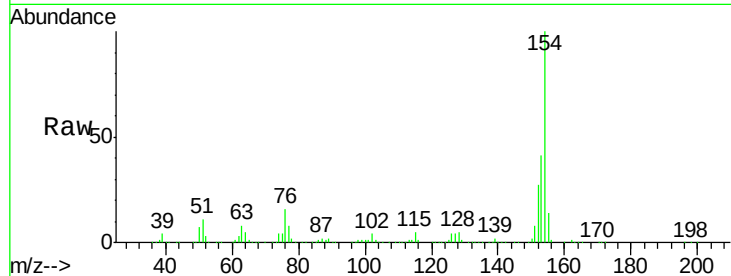




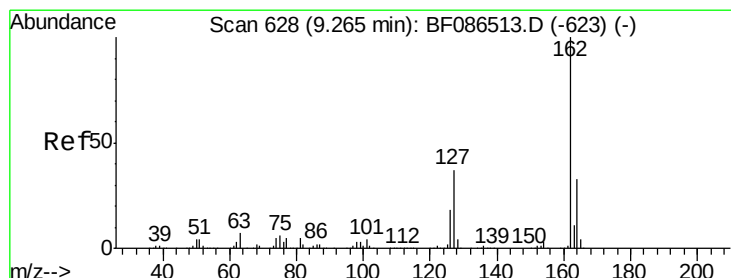
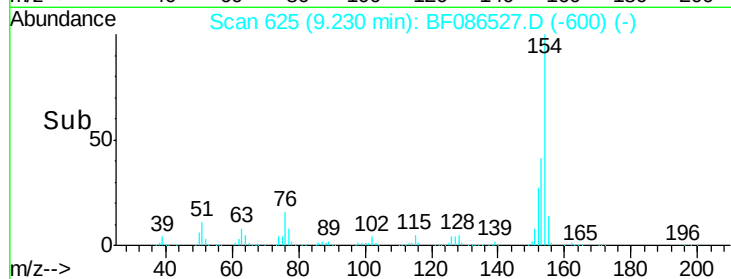
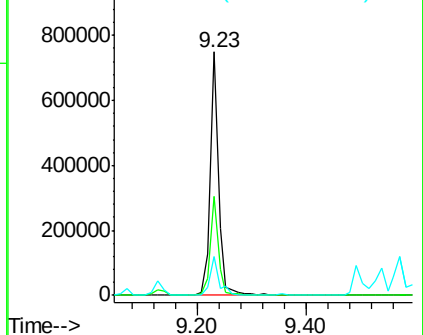
#45
 1,1'-Biphenyl
 Concen: 34.03 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.3	60.3
76	16.2	0.0	30.2

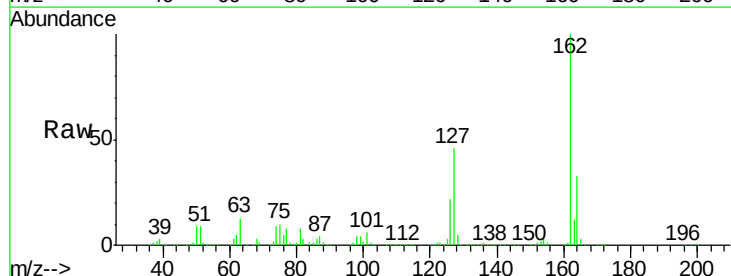


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

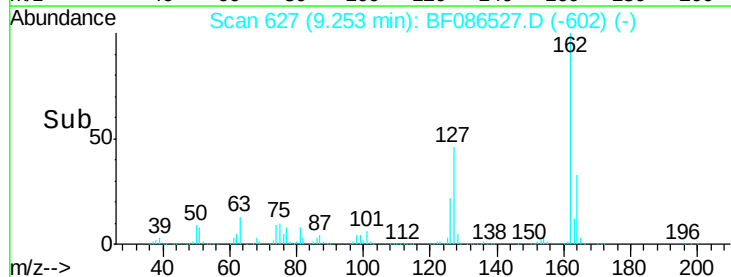
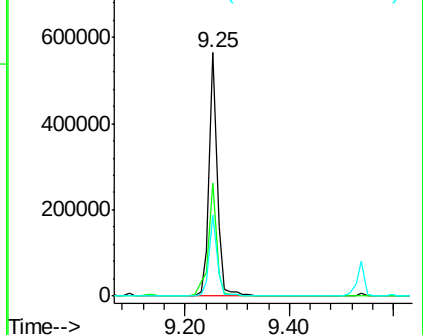


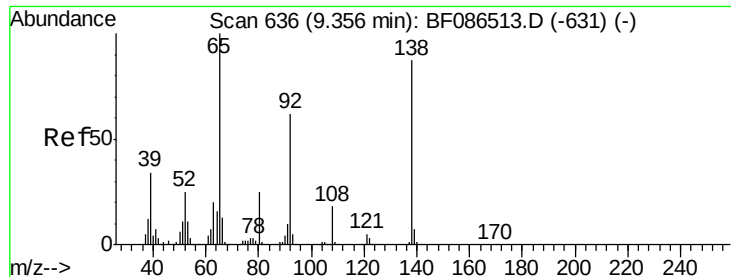
#46
 2-Chloronaphthalene
 Concen: 34.19 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.3	31.8	47.6
164	33.2	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: 42.27 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampled :

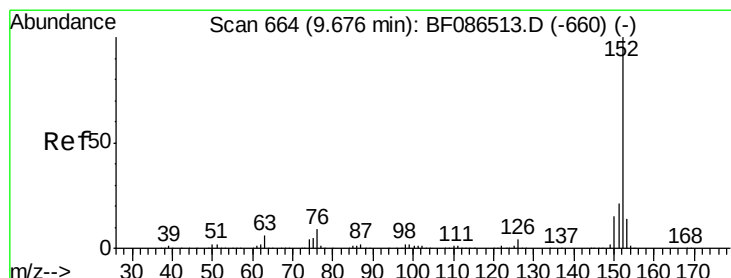
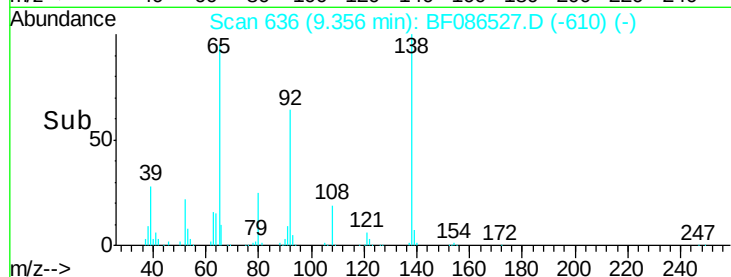
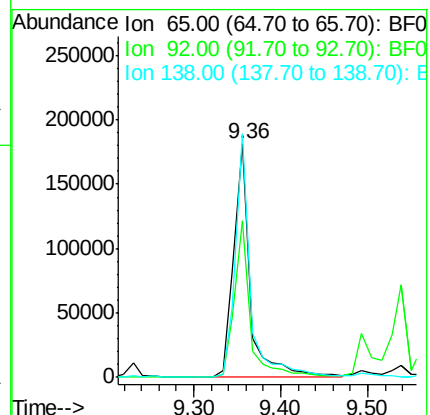
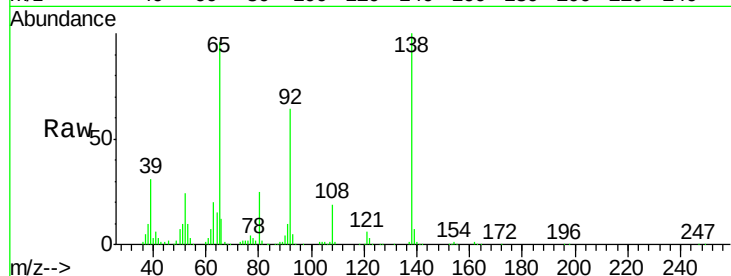
Tot Ion: 65 Resp: 244001

Ion Ratio Lower Upper

65 100

92 66.9 57.4 86.2

138 104.1 90.1 135.1



#48

Acenaphthylene

Concen: 34.21 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

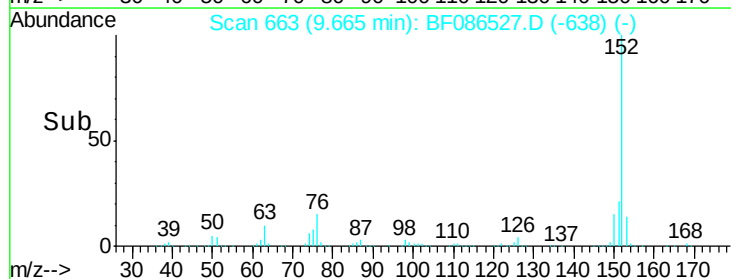
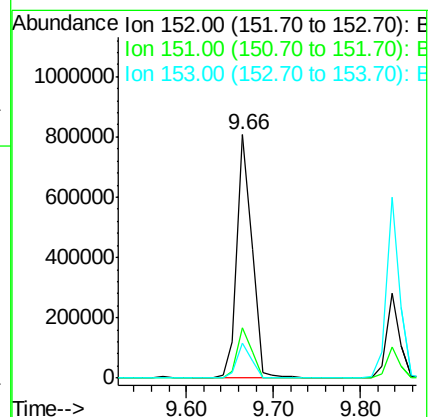
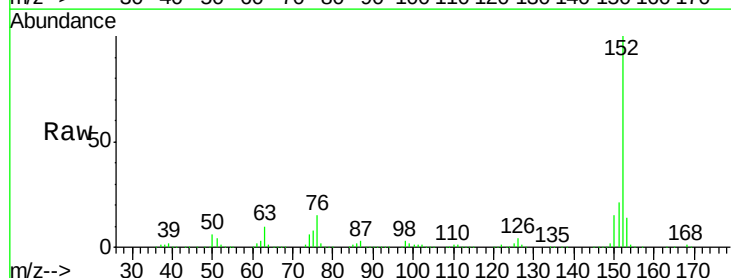
Tgt Ion: 152 Resp: 962326

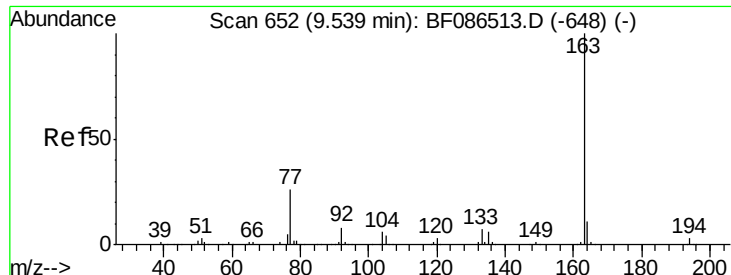
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 14.2 10.9 16.3

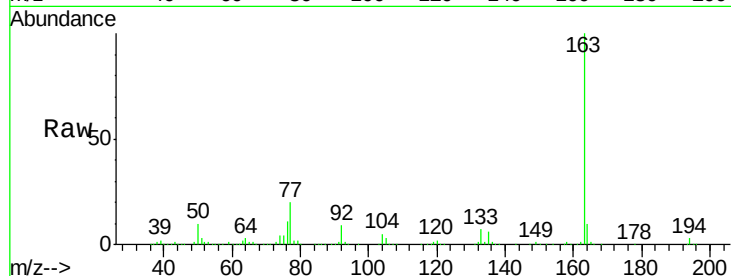




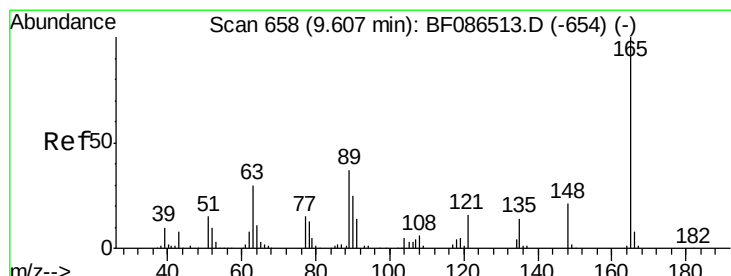
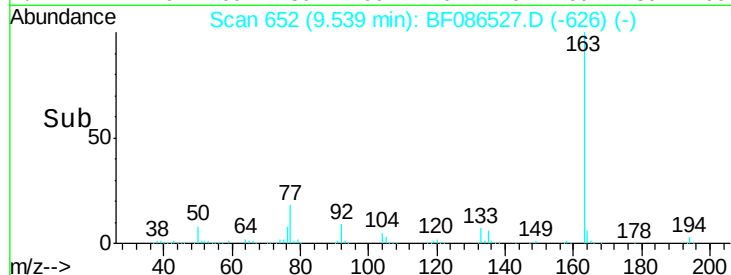
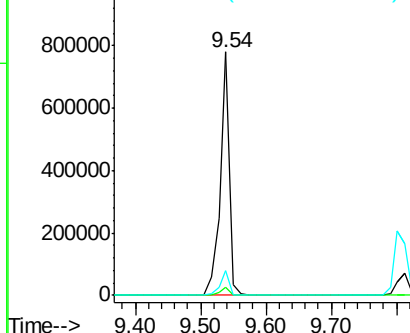
#49
Dimethylphthalate
Concen: 36.96 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 788103
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.2 12.4

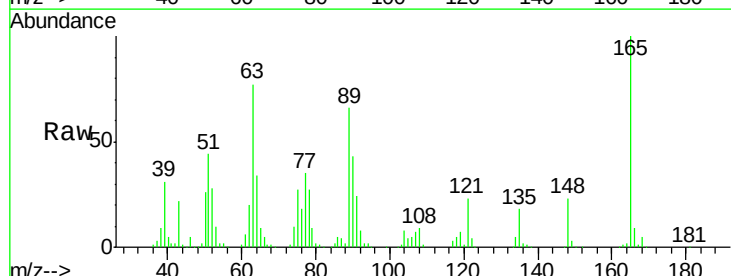


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

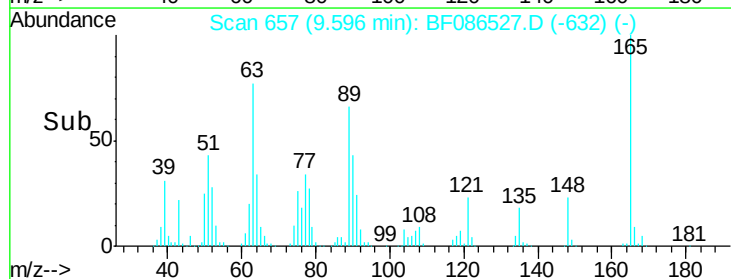
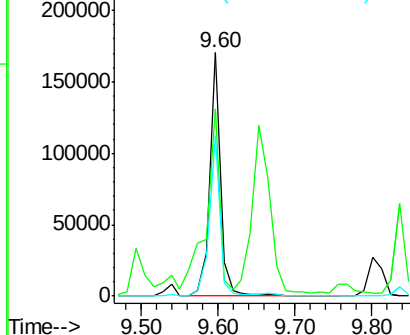


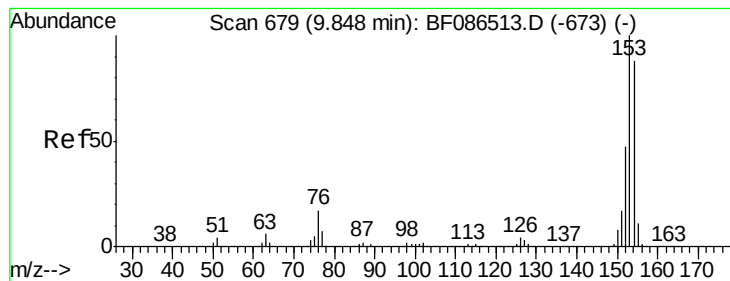
#50
2,6-Dinitrotoluene
Concen: 37.41 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:165 Resp: 164773
Ion Ratio Lower Upper
165 100
63 77.1 51.8 77.8
89 65.7 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: 37.90 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

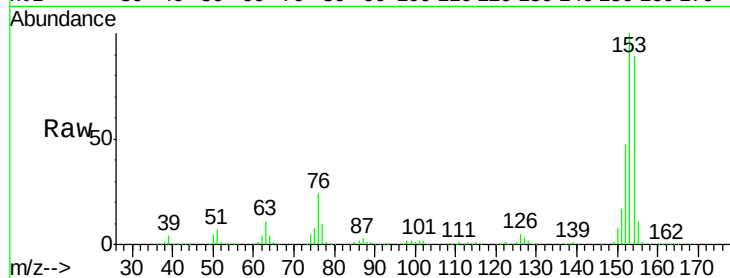
Tot Ion:154 Resp: 684809

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

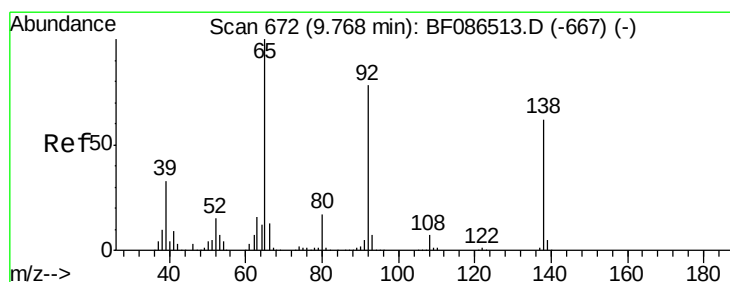
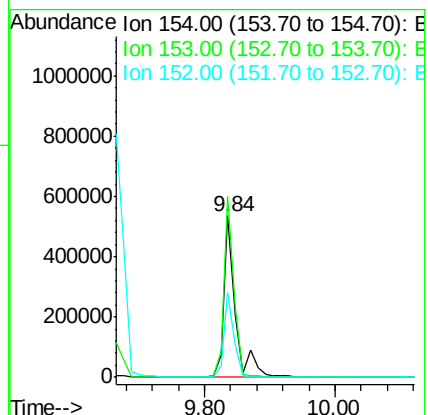
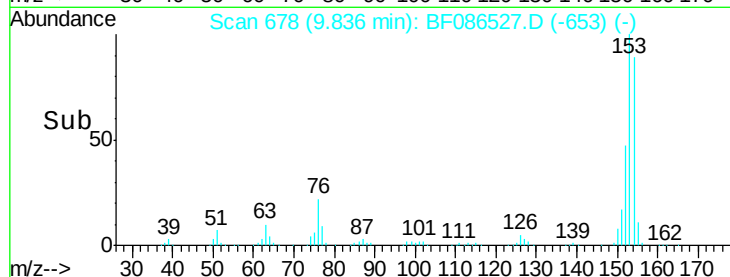
152 52.6 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.48 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

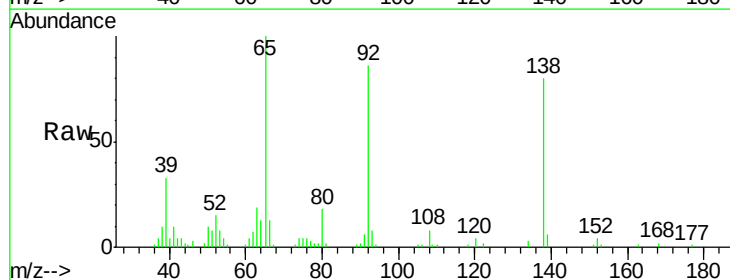
Tgt Ion:138 Resp: 67537

Ion Ratio Lower Upper

138 100

108 9.7 7.8 11.6

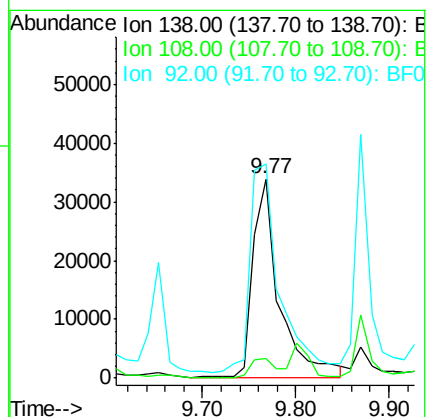
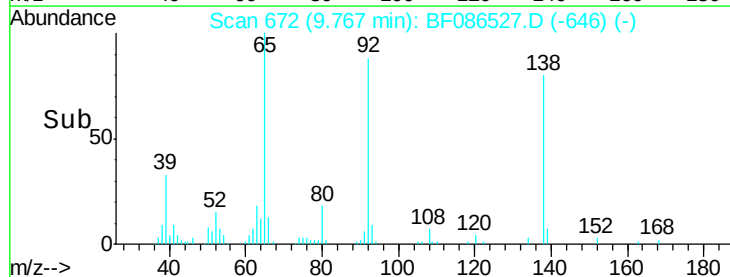
92 107.7 87.8 131.8

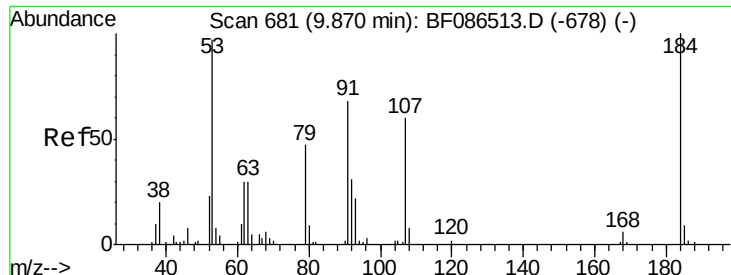


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

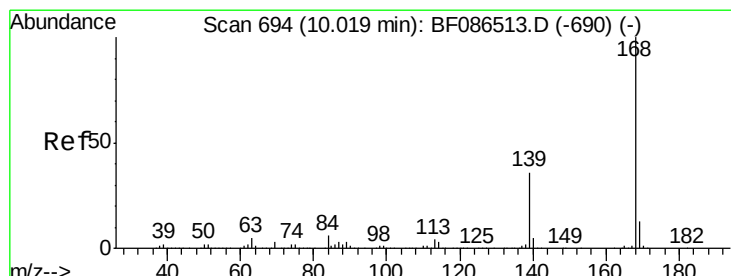
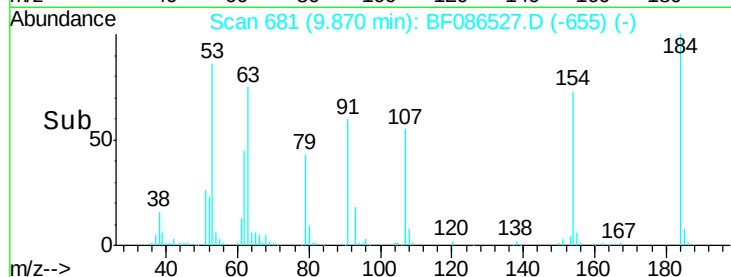
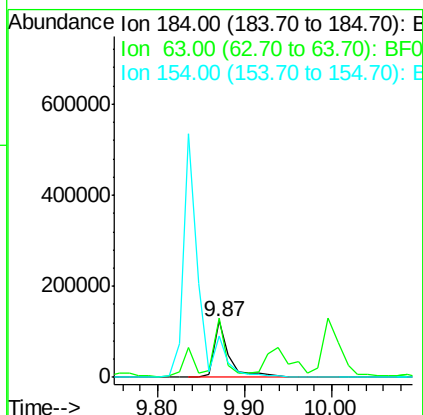
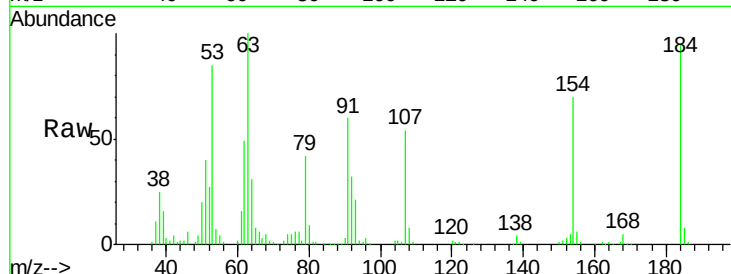




#53
2,4-Dinitrophenol
Concen: 66.51 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

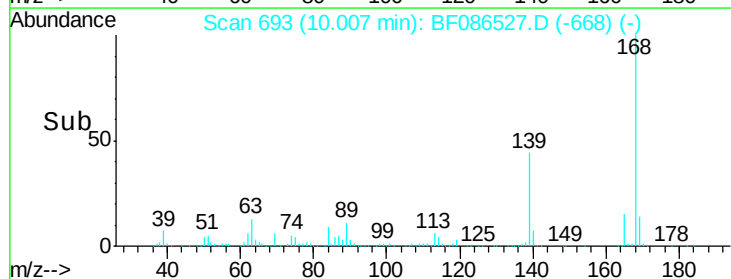
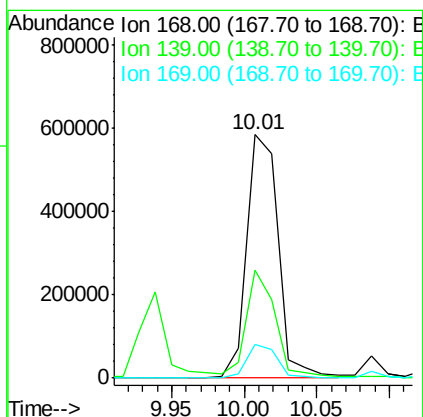
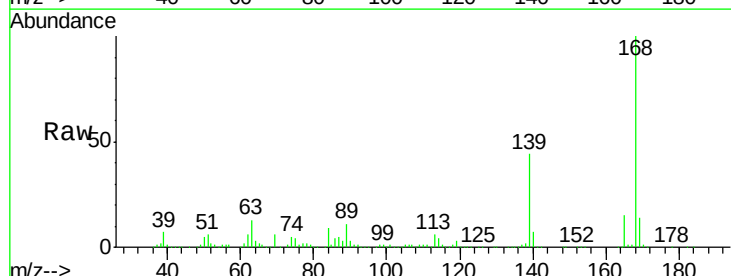
Instrument :
BNA_F
ClientSampled :

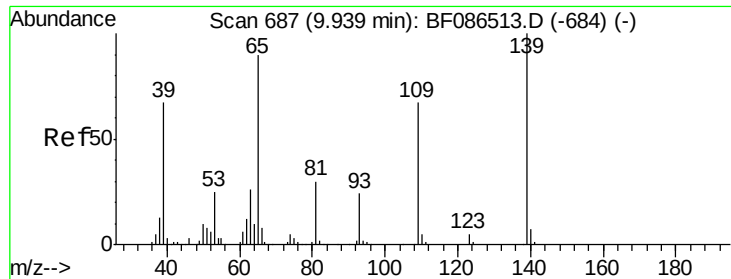
Tot Ion:184 Resp: 156653
Ion Ratio Lower Upper
184 100
63 105.2 55.8 83.8#
154 74.1 62.4 93.6



#54
Dibenzofuran
Concen: 38.94 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:168 Resp: 879419
Ion Ratio Lower Upper
168 100
139 44.3 31.4 47.0
169 13.9 10.7 16.1

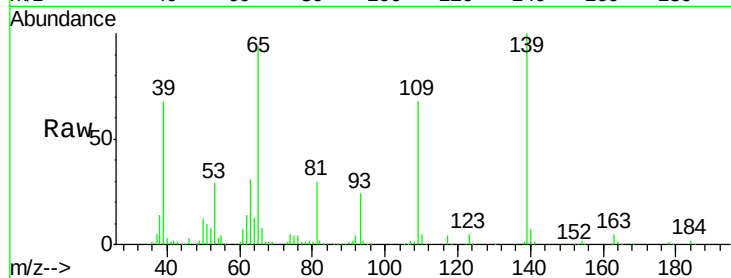




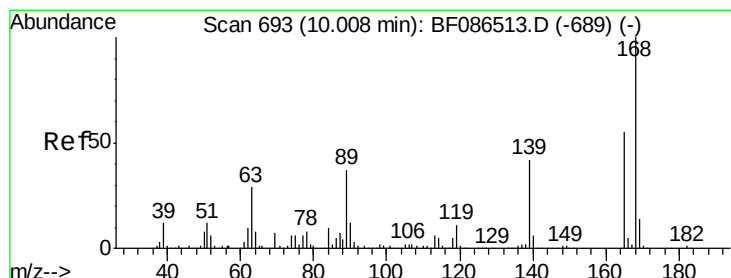
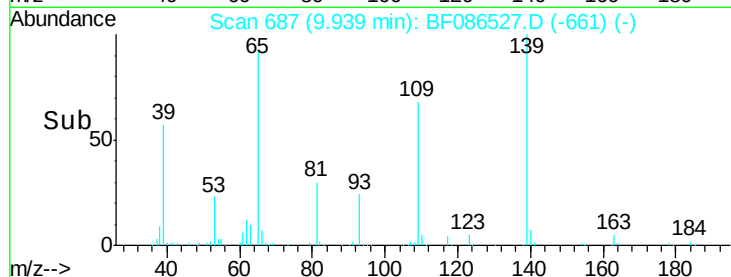
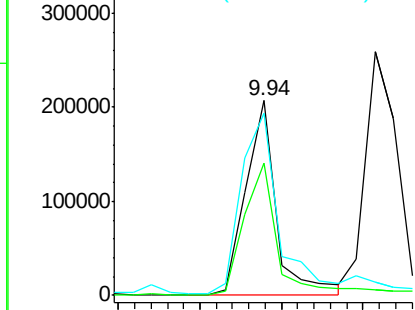
#55
4-Nitrophenol
Concen: 82.24 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.1	36.9	76.9
65	93.5	64.0	104.0

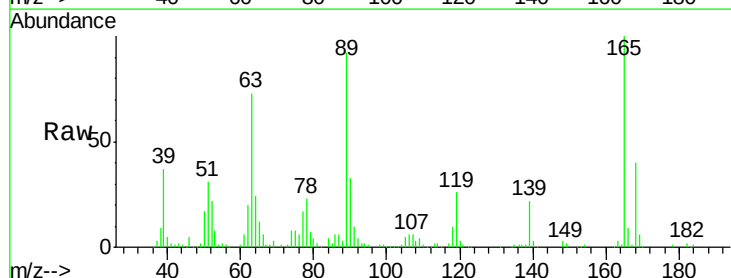


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

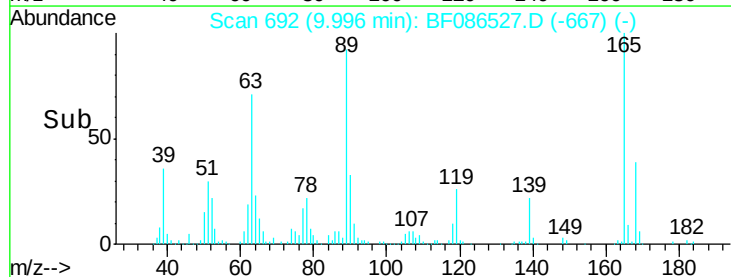
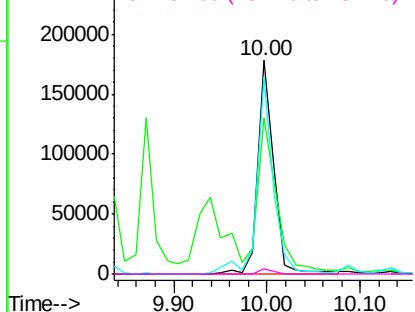


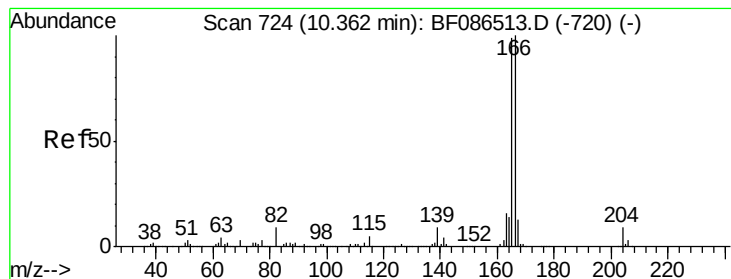
#56
2,4-Dinitrotoluene
Concen: 37.57 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	73.0	44.3	66.5#
89	92.4	70.0	105.0
182	2.2	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: 33.09 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

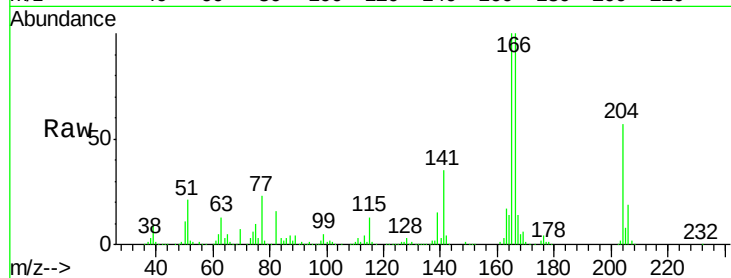
Tot Ion:166 Resp: 648846

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.6

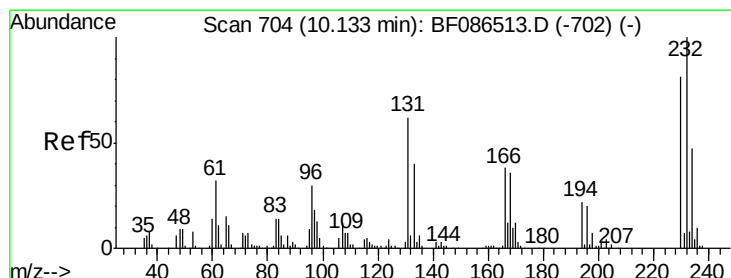
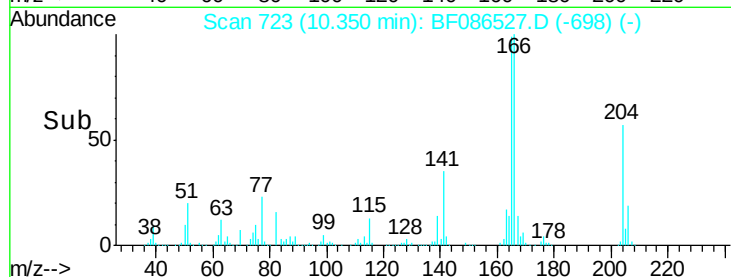
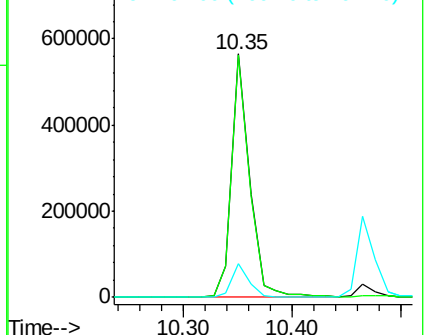
167 14.0 10.6 15.8



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: 42.21 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:232 Resp: 184303

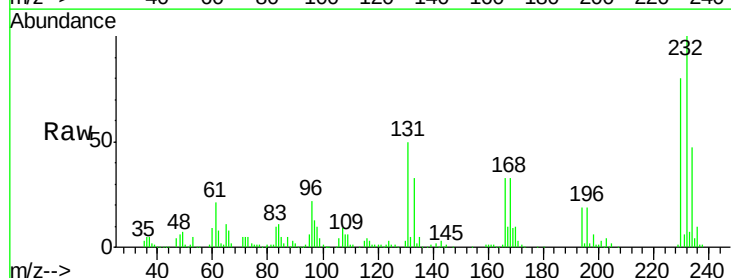
Ion Ratio Lower Upper

232 100

131 51.3 41.9 62.9

130 2.5 2.2 3.4

166 31.0 26.8 40.2

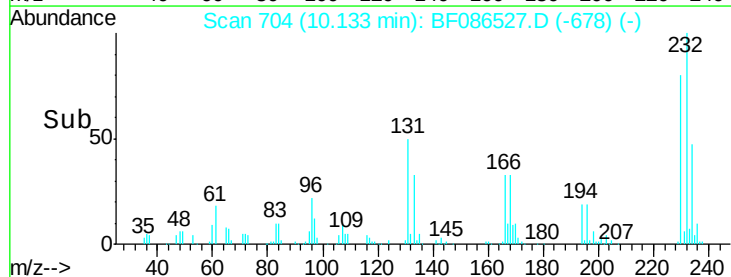
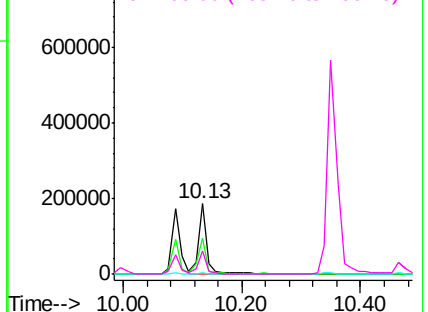


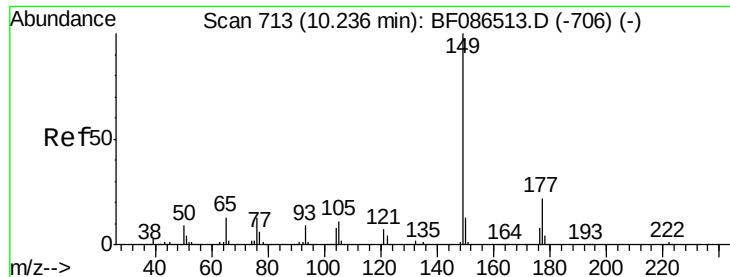
Abundance Ion 232.00 (231.70 to 232.70): E

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

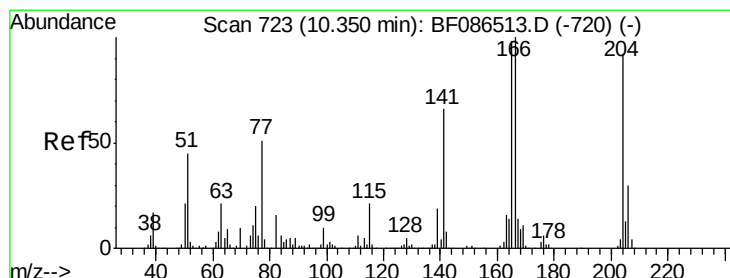
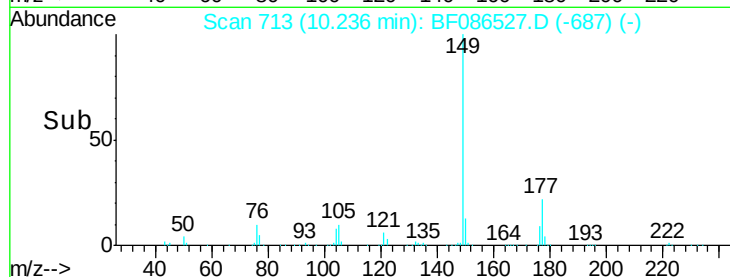
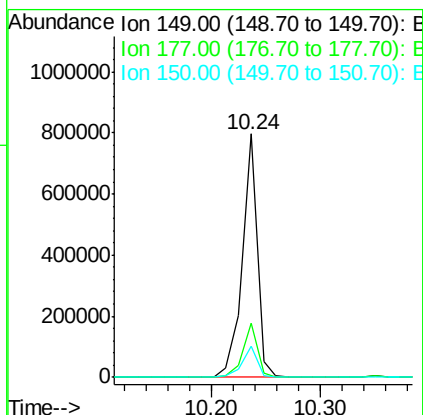
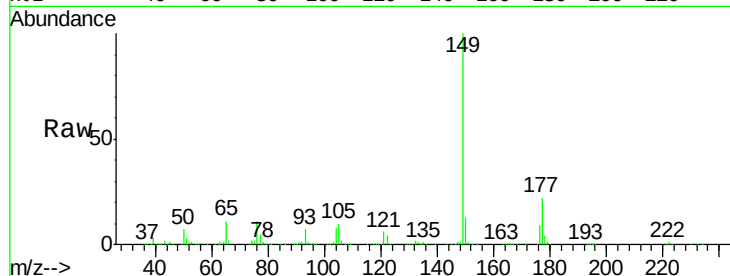




#59
Diethylphthalate
Concen: 37.10 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

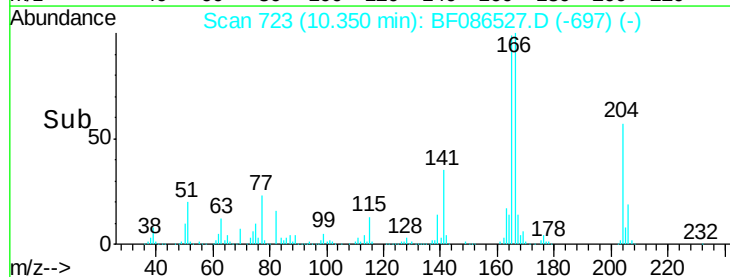
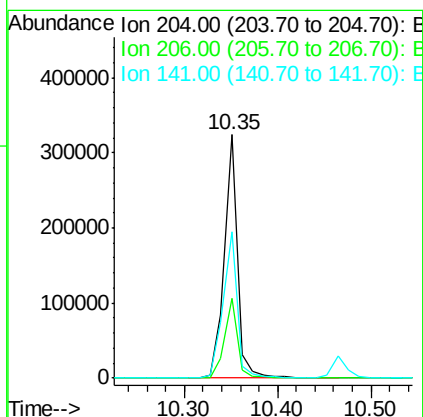
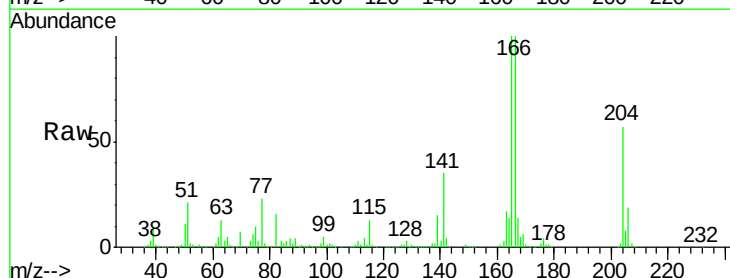
Instrument :
BNA_F
ClientSampled :

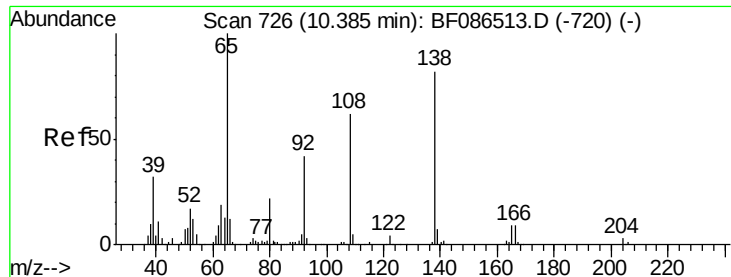
Tot Ion:149 Resp: 748726
Ion Ratio Lower Upper
149 100
177 22.4 16.6 24.8
150 12.9 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 35.85 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:204 Resp: 319192
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 60.3 61.6 92.4#

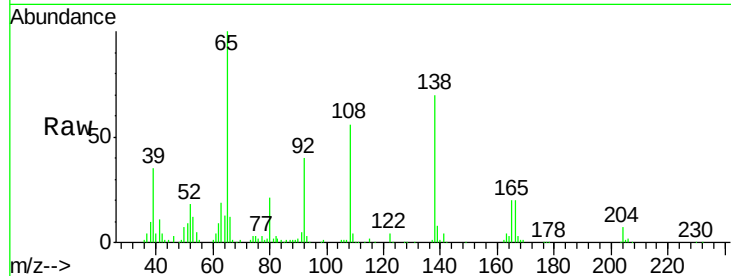




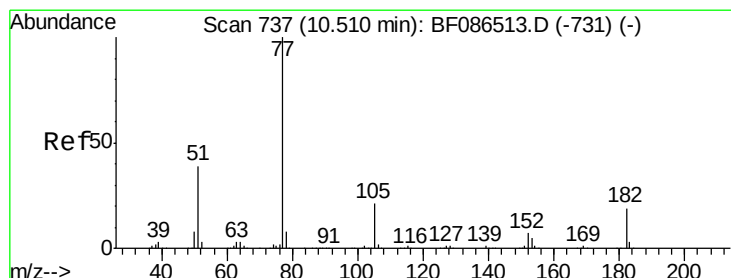
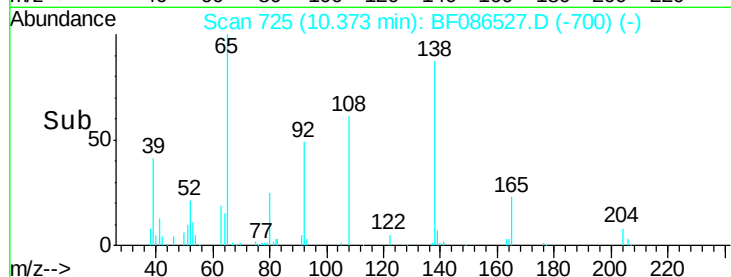
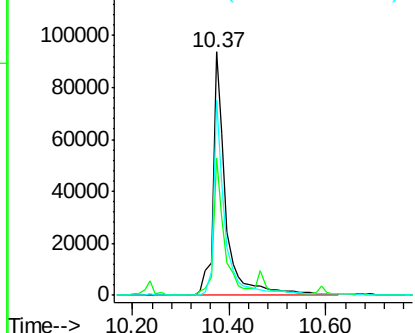
#61
4-Nitroaniline
Concen: 36.03 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 176430
Ion Ratio Lower Upper
138 100
92 56.7 24.7 64.7
108 80.0 37.4 77.4#

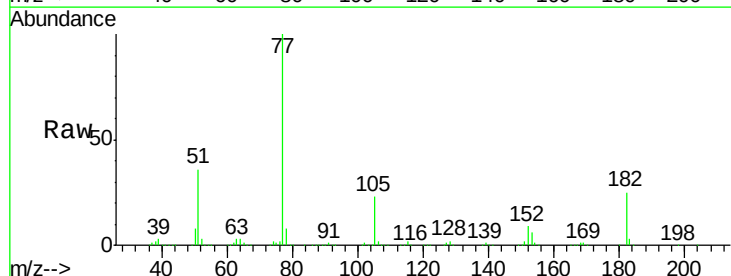


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

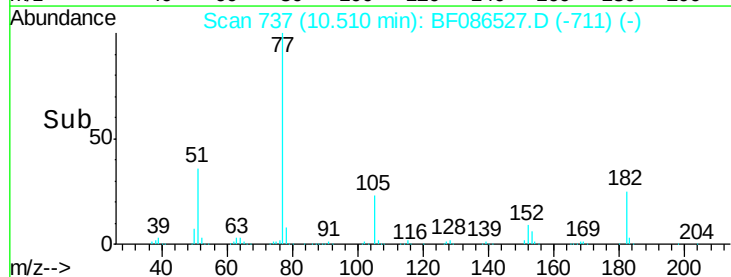
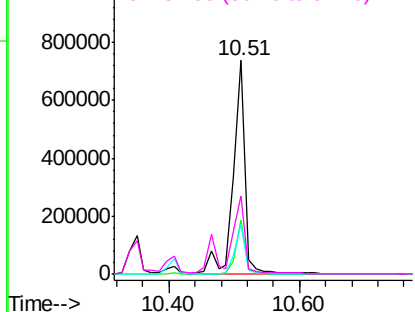


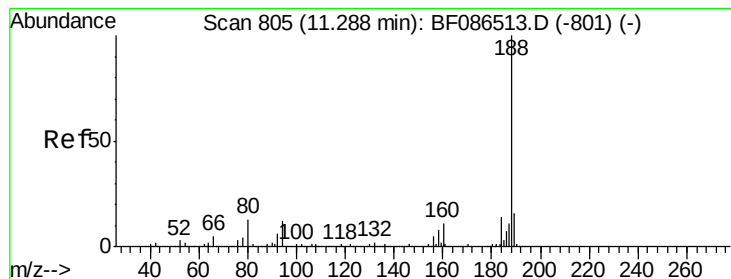
#62
Azobenzene
Concen: 40.33 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion: 77 Resp: 891696
Ion Ratio Lower Upper
77 100
182 25.2 0.0 38.8
105 23.1 3.2 43.2
51 36.5 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: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

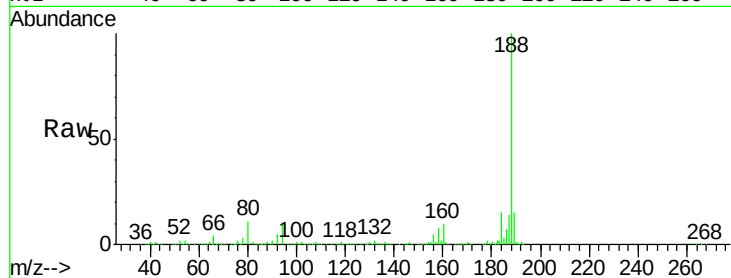
Tot Ion:188 Resp: 538882

Ion Ratio Lower Upper

188 100

94 9.9 6.8 10.2

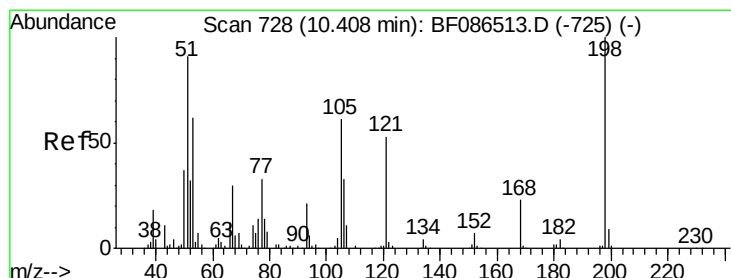
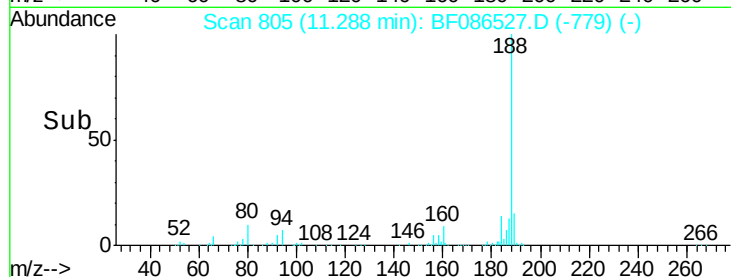
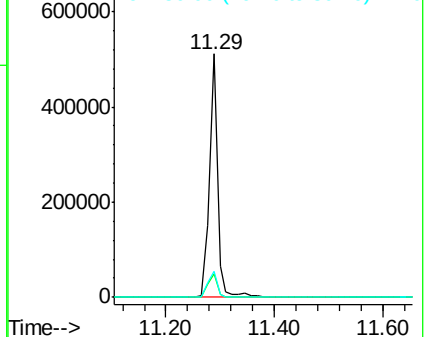
80 10.5 7.1 10.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 38.75 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

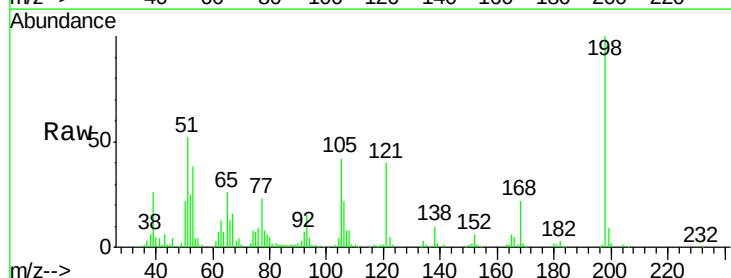
Tgt Ion:198 Resp: 122590

Ion Ratio Lower Upper

198 100

51 51.6 20.5 60.5

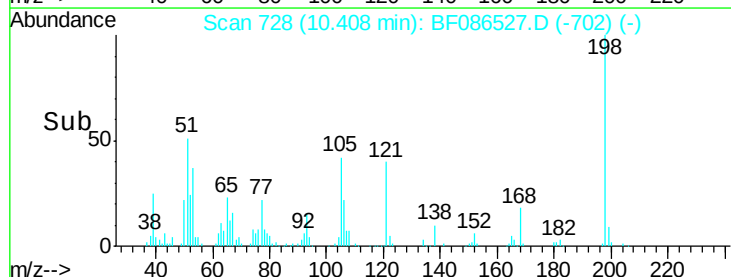
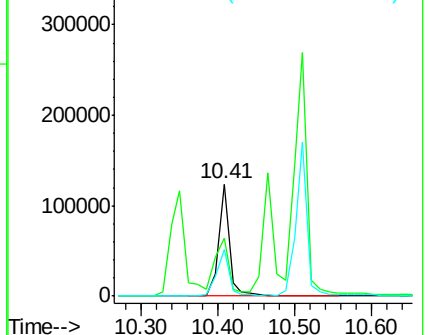
105 41.9 24.5 64.5

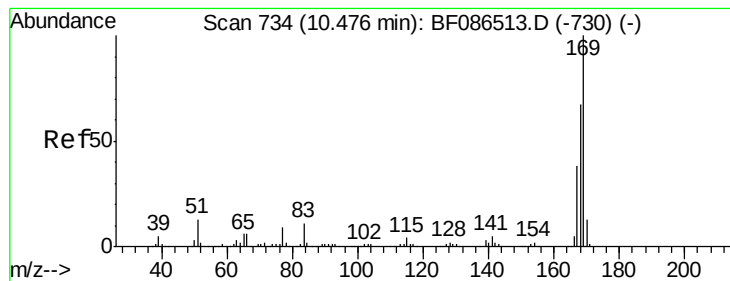


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

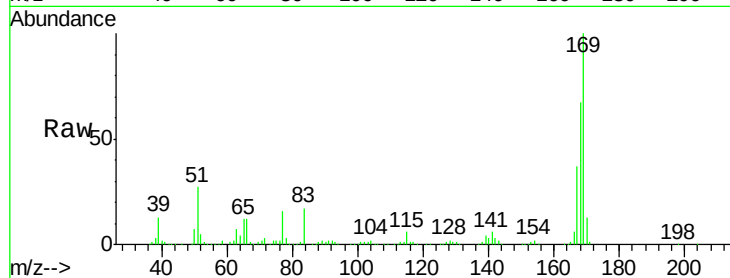




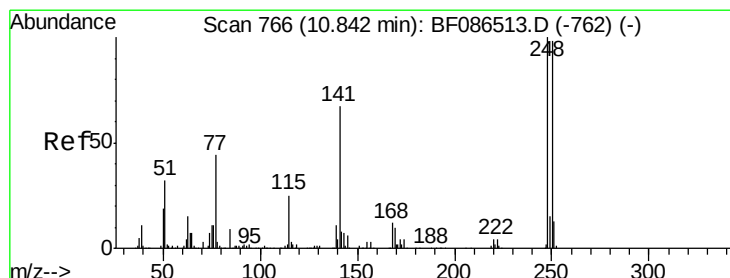
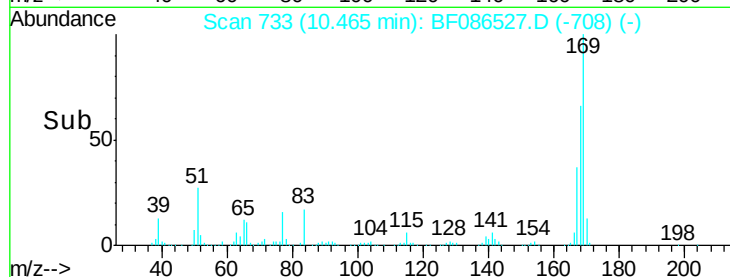
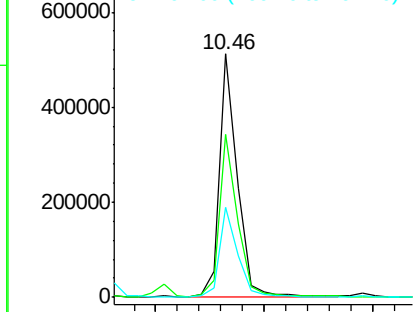
#65
 n-Nitrosodiphenylamine
 Concen: 35.30 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 594452
 Ion Ratio Lower Upper
 169 100
 168 66.8 53.8 80.6
 167 37.0 29.5 44.3

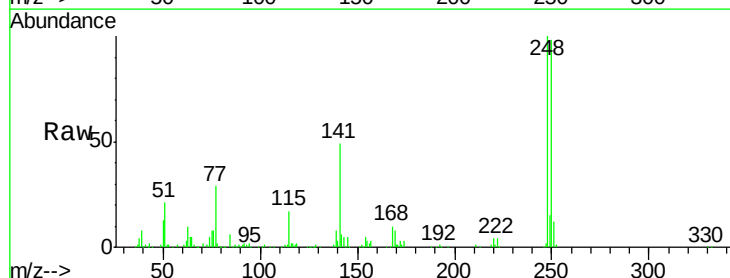


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

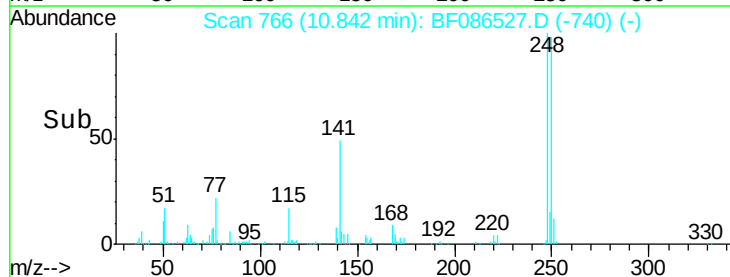
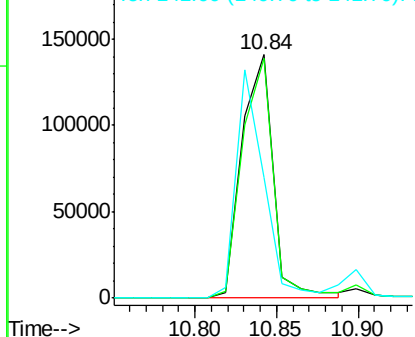


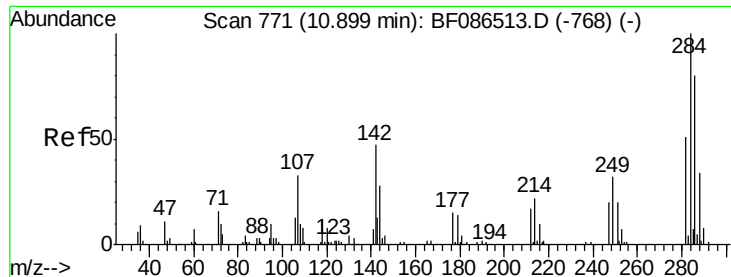
#66
 4-Bromophenyl-phenylether
 Concen: 33.79 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:248 Resp: 187618
 Ion Ratio Lower Upper
 248 100
 250 98.3 78.6 117.8
 141 49.4 76.0 114.0#



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





#67

Hexachlorobenzene

Concen: 35.04 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

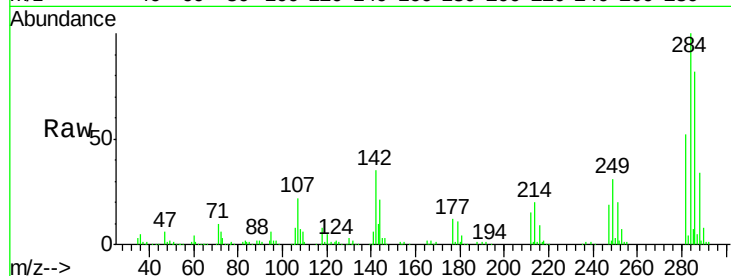
Tot Ion:284 Resp: 225224

Ion Ratio Lower Upper

284 100

142 35.4 16.7 25.1#

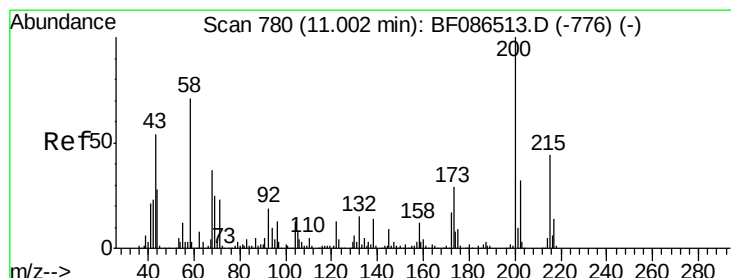
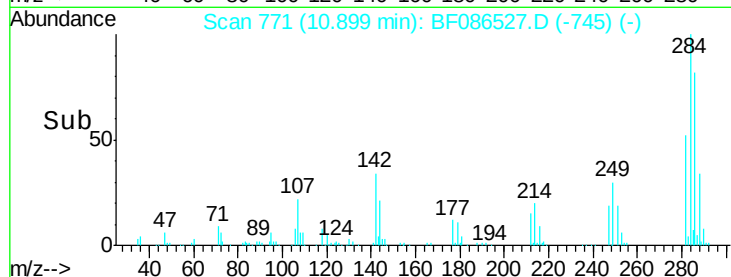
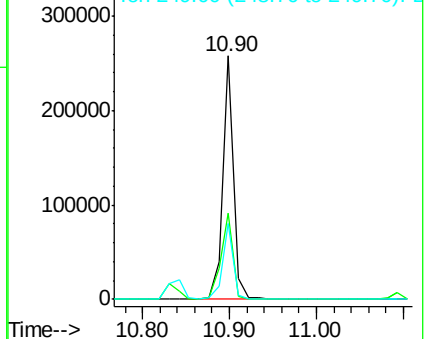
249 31.0 21.3 31.9



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: 39.22 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

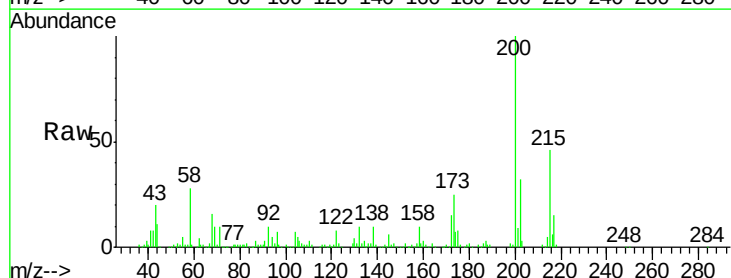
Tgt Ion:200 Resp: 198348

Ion Ratio Lower Upper

200 100

173 25.3 8.5 48.5

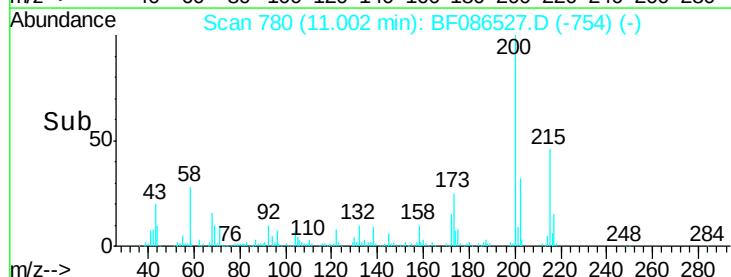
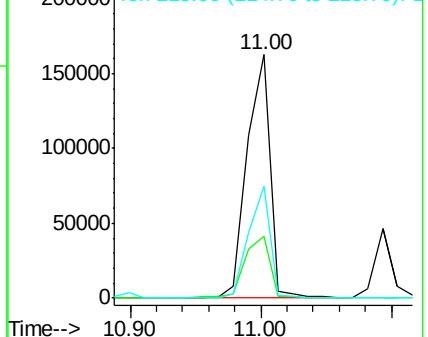
215 45.7 27.2 67.2

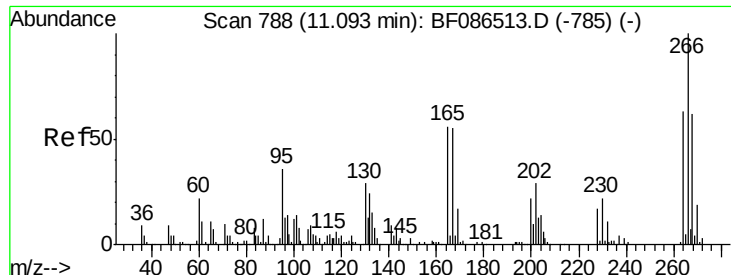


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

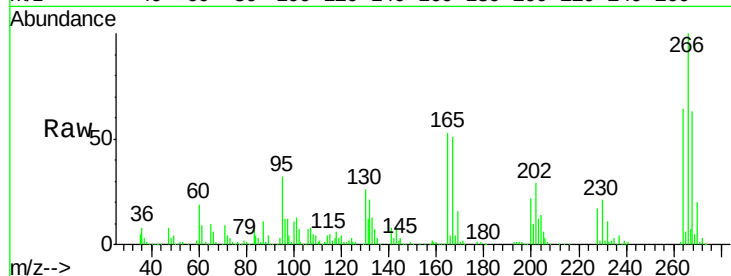




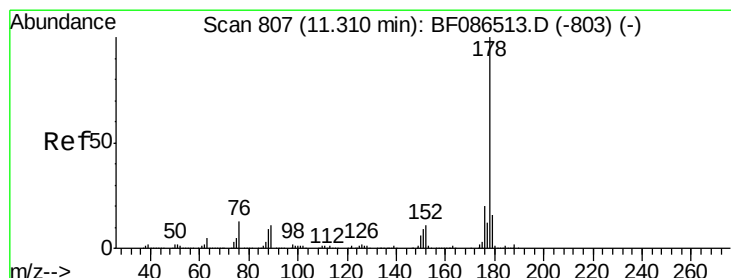
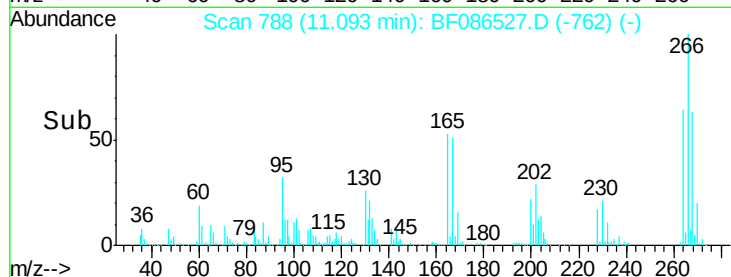
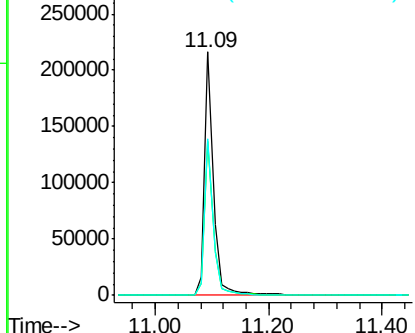
#69
 Pentachlorophenol
 Concen: 67.14 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 227513
 Ion Ratio Lower Upper
 266 100
 268 63.3 51.5 77.3
 264 64.4 52.9 79.3

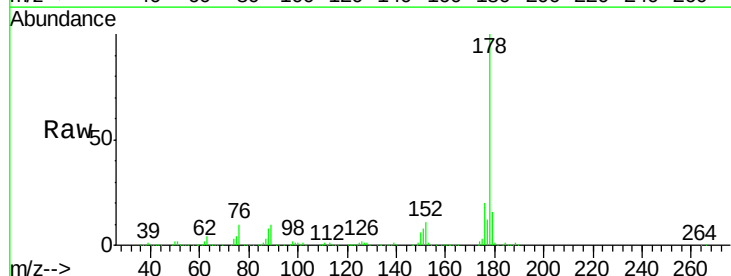


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

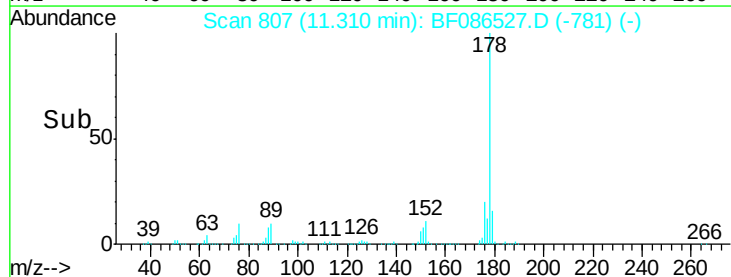
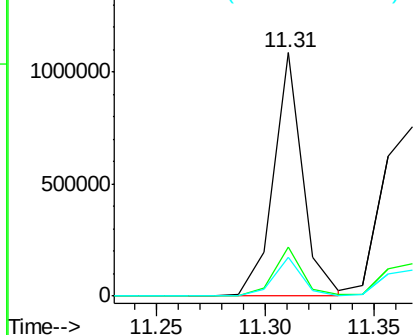


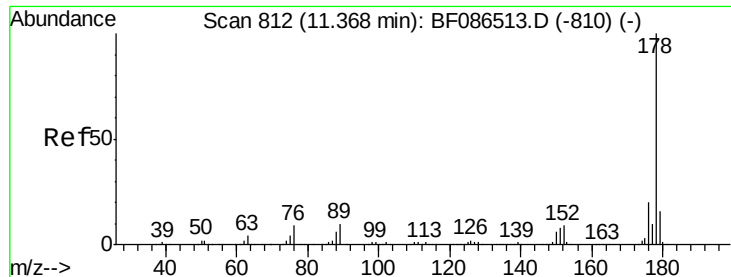
#70
 Phenanthrene
 Concen: 36.06 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:178 Resp: 1019784
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 15.9 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

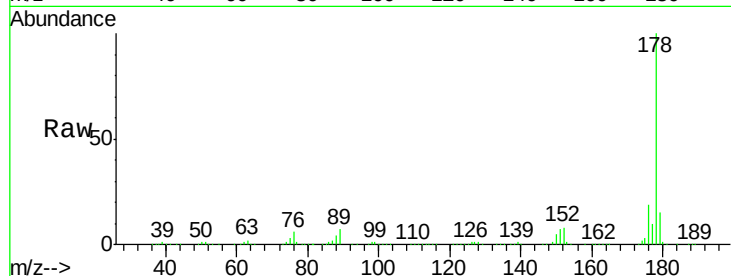




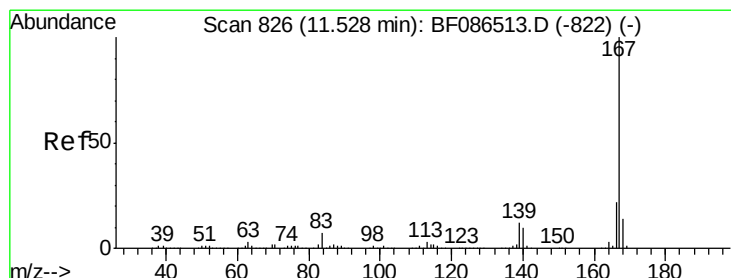
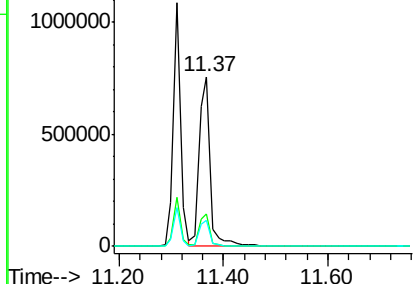
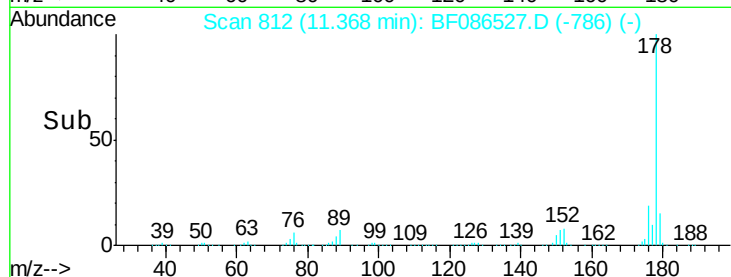
#71
 Anthracene
 Concen: 37.08 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 1119059
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.4 12.7 19.1

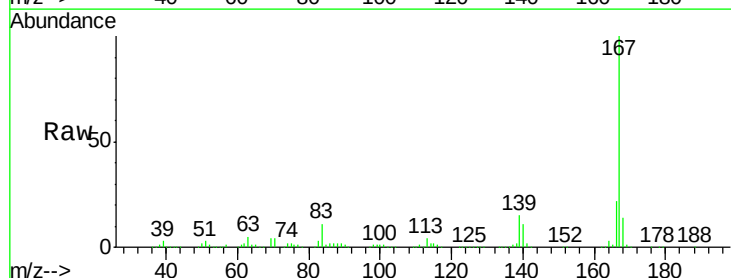


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

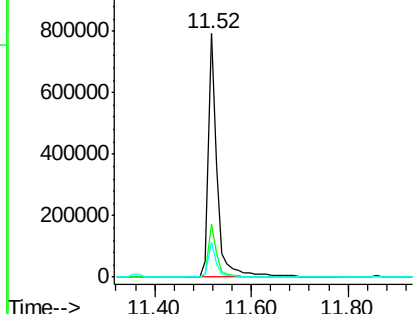
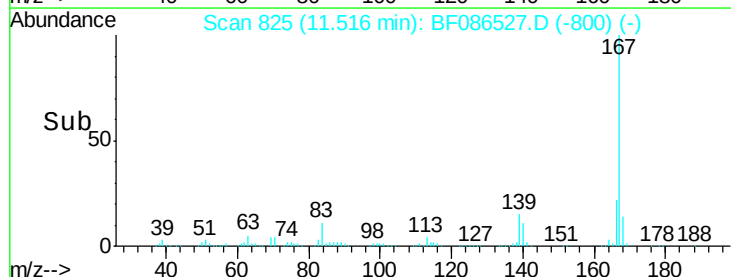


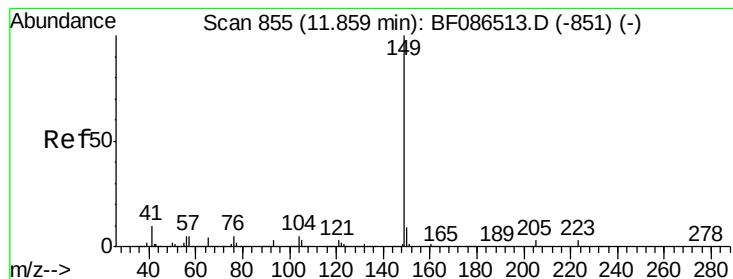
#72
 Carbazole
 Concen: 37.80 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:167 Resp: 1011029
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.5 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.74 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

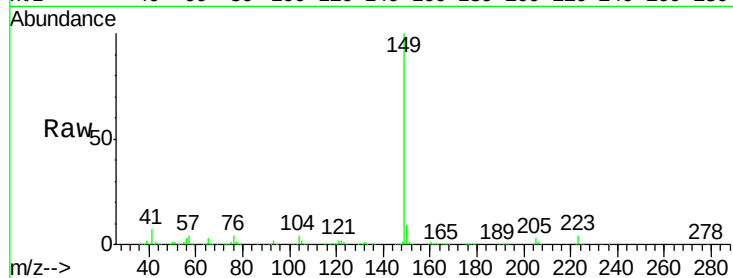
Tot Ion:149 Resp: 1143765

Ion Ratio Lower Upper

149 100

150 9.1 7.6 11.4

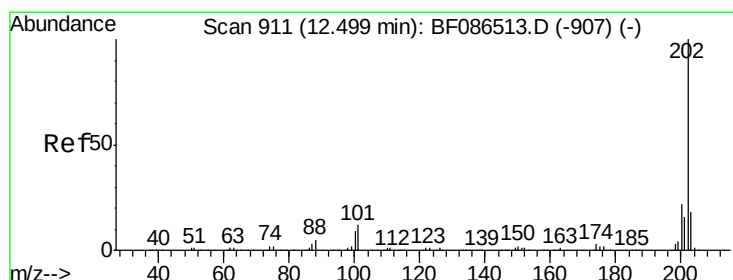
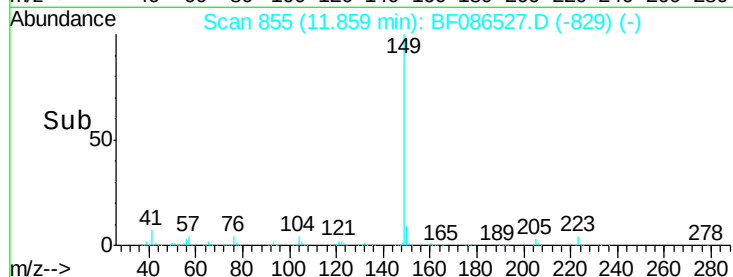
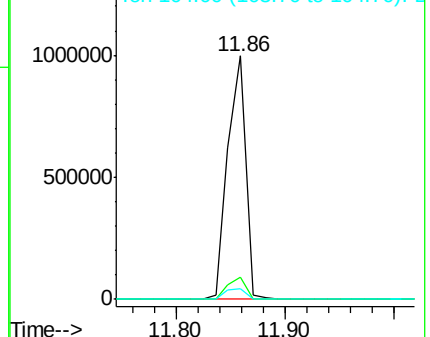
104 4.4 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.99 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

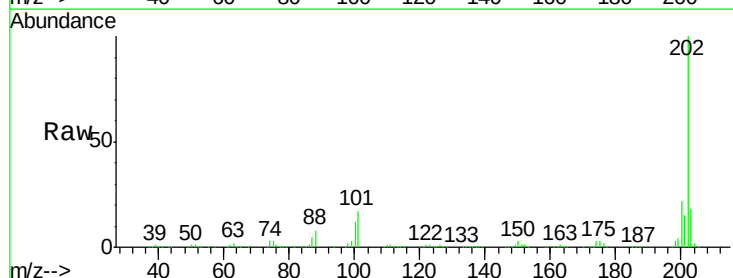
Tgt Ion:202 Resp: 1113097

Ion Ratio Lower Upper

202 100

101 17.0 0.0 35.4

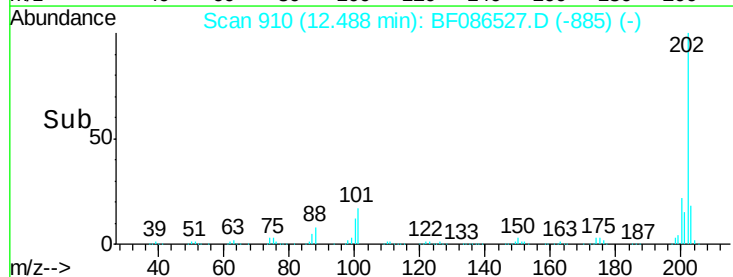
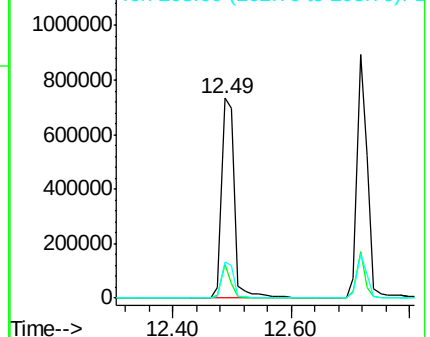
203 18.2 0.0 38.1

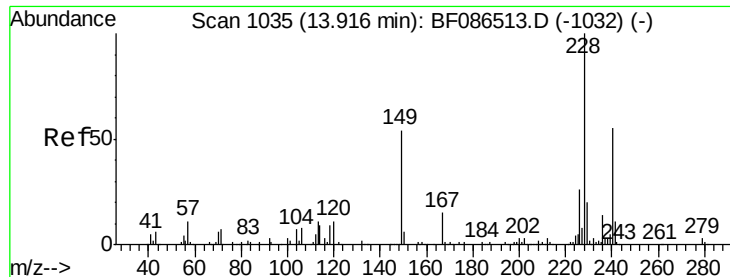


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

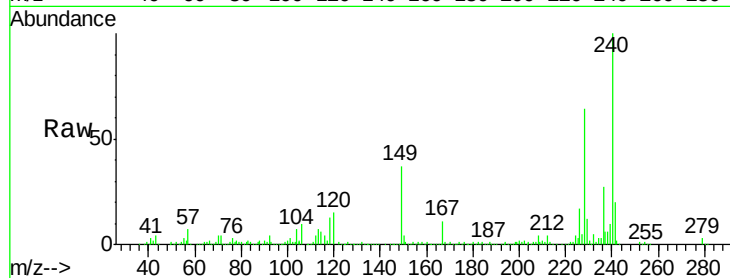
Tot Ion:240 Resp: 420092

Ion Ratio Lower Upper

240 100

120 14.8 11.2 16.8

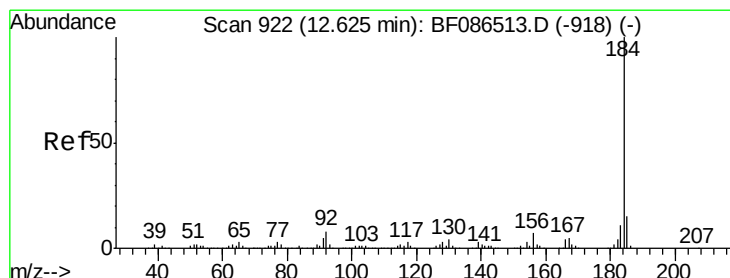
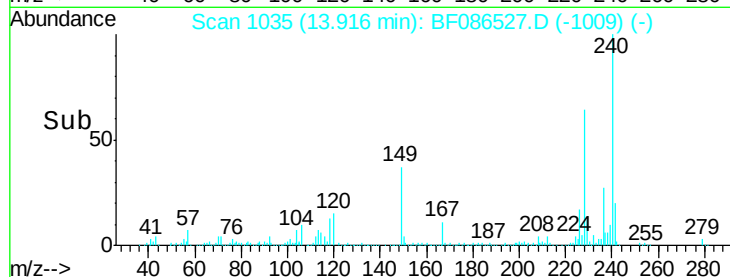
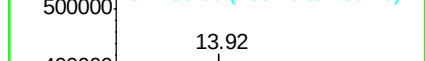
236 26.8 21.2 31.8



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: 15.82 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

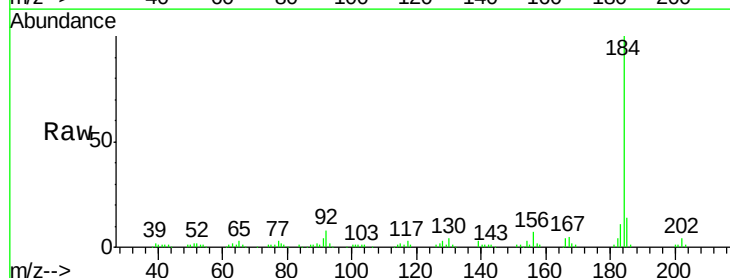
Tgt Ion:184 Resp: 228319

Ion Ratio Lower Upper

184 100

185 14.0 13.6 20.4

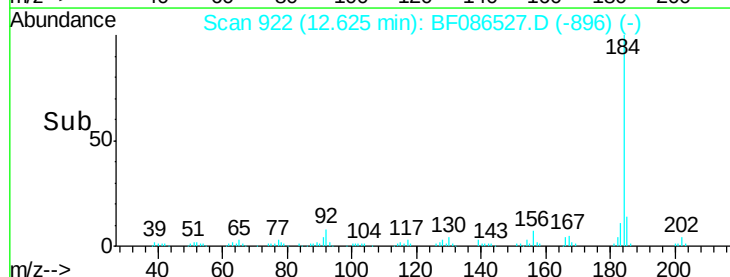
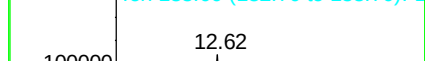
183 11.4 9.8 14.6



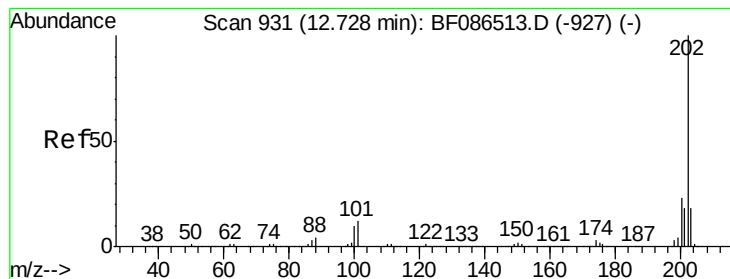
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pvrene

Concen: 35.54 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

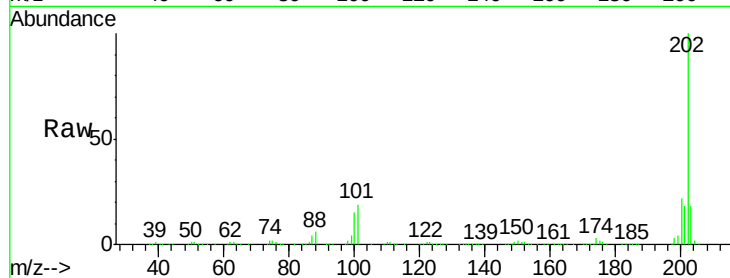
Tot Ion:202 Resp: 1075716

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

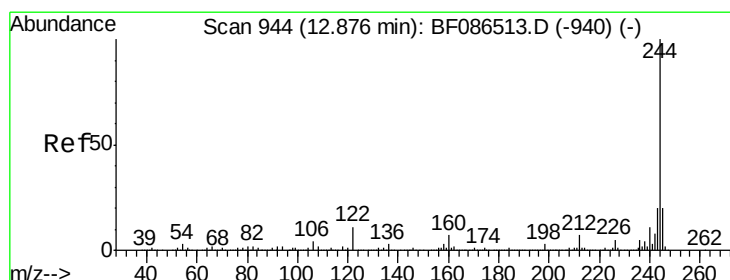
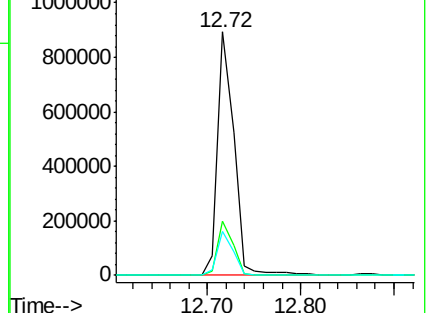
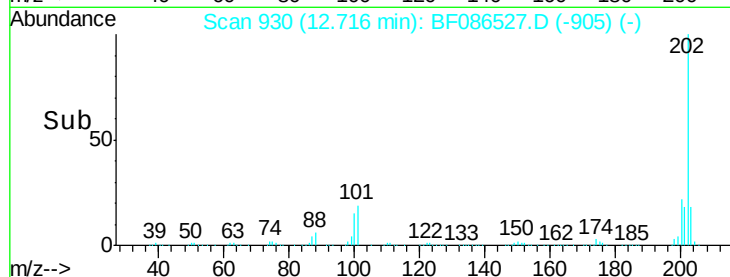
203 18.3 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 68.24 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

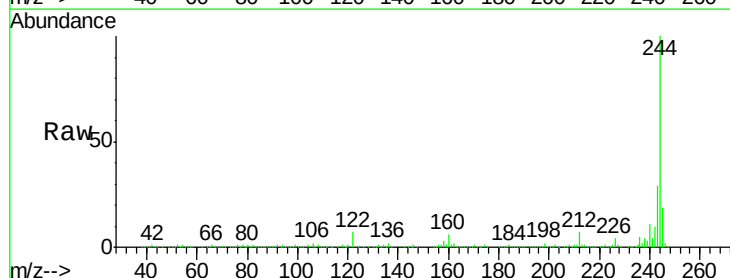
Tgt Ion:244 Resp: 1301197

Ion Ratio Lower Upper

244 100

212 6.6 6.2 9.2

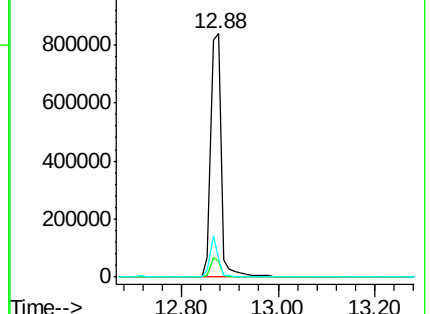
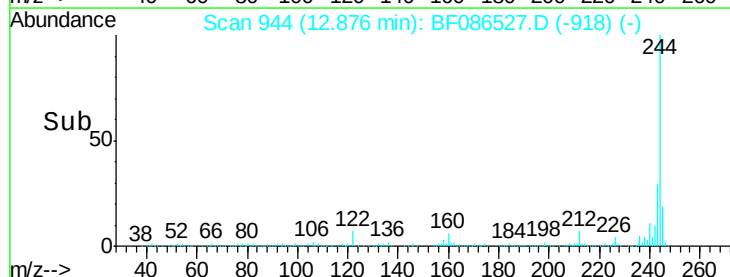
122 7.3 12.0 18.0#

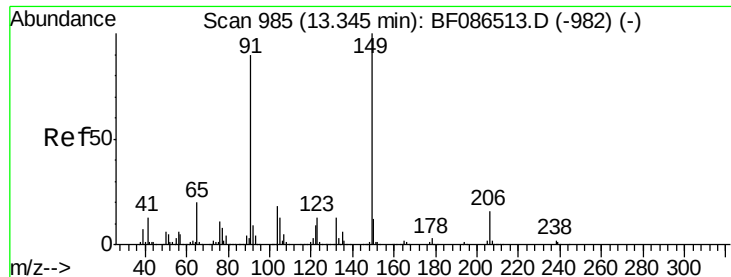


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 35.70 ng

RT: 13.34 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

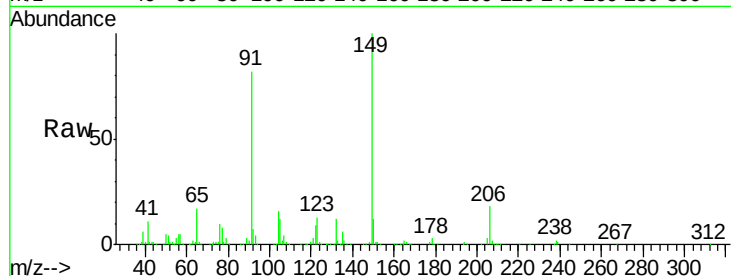
Tot Ion:149 Resp: 467976

Ion Ratio Lower Upper

149 100

91 82.0 48.0 72.0#

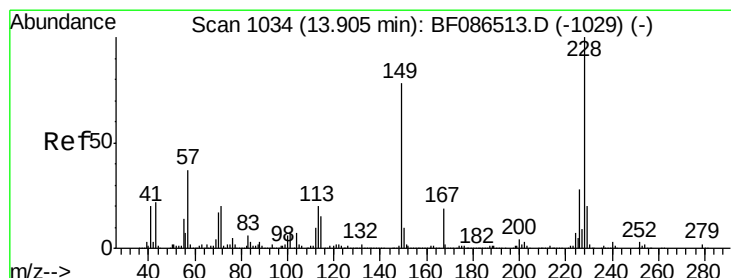
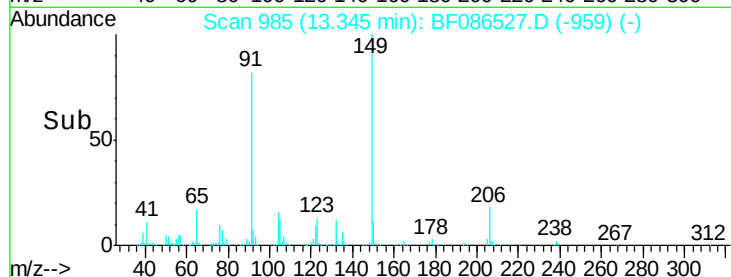
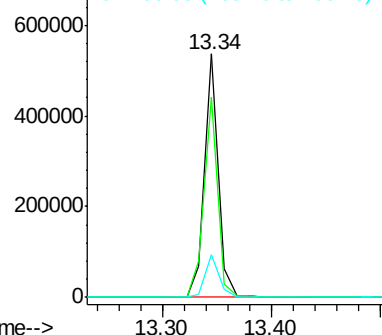
206 17.5 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.93 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

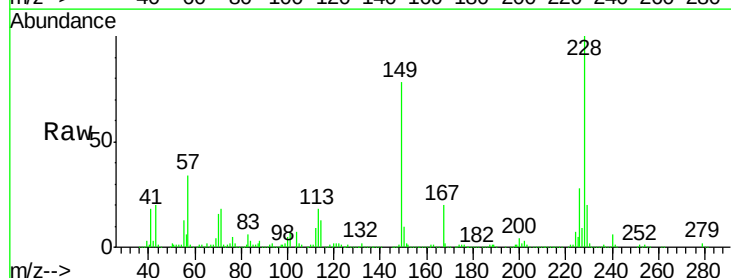
Tgt Ion:228 Resp: 827115

Ion Ratio Lower Upper

228 100

226 28.2 22.5 33.7

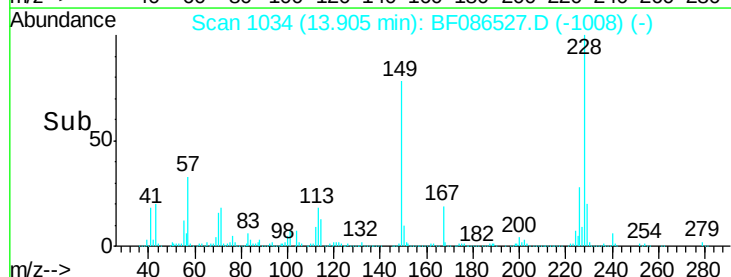
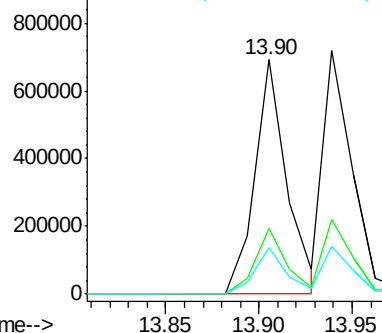
229 20.1 16.6 25.0

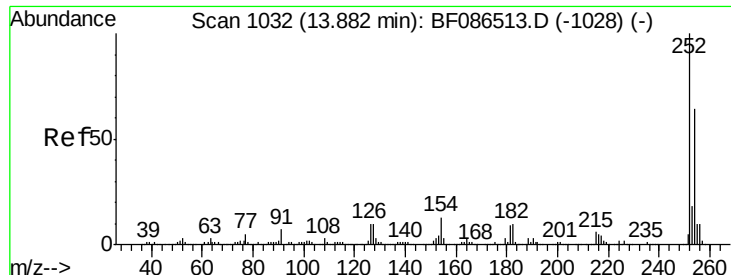


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

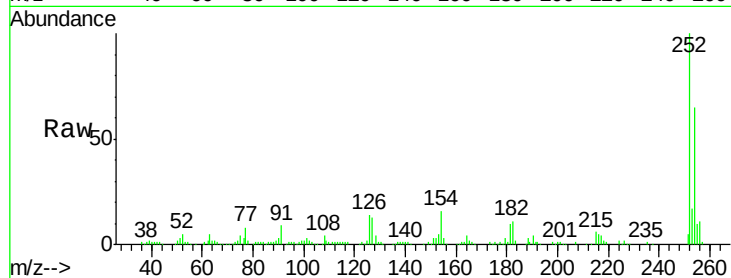




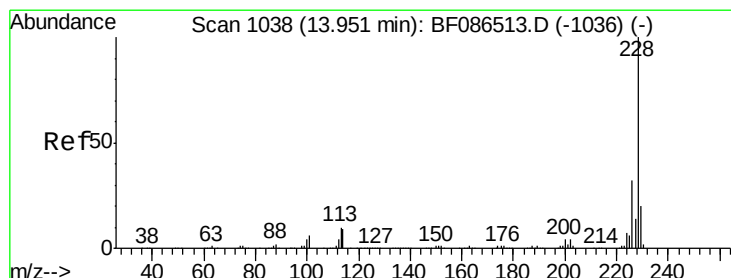
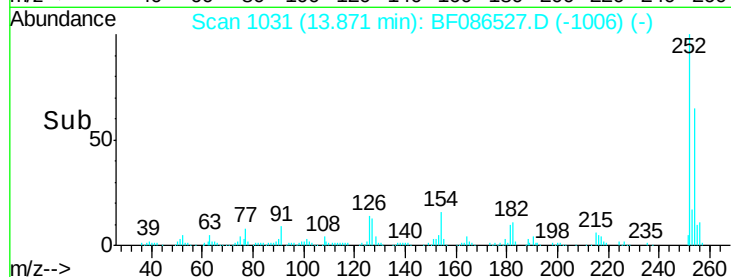
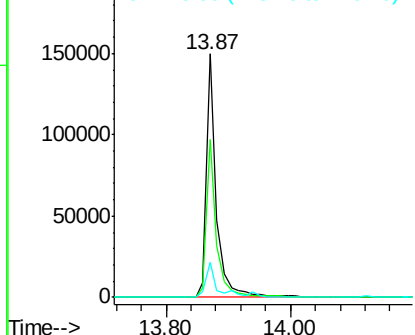
#81
 3,3'-Dichlorobenzidine
 Concen: 11.32 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 169522
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.7 76.1
 126 14.2 12.7 19.1

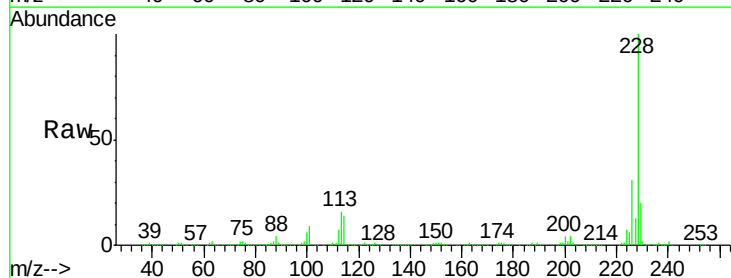


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

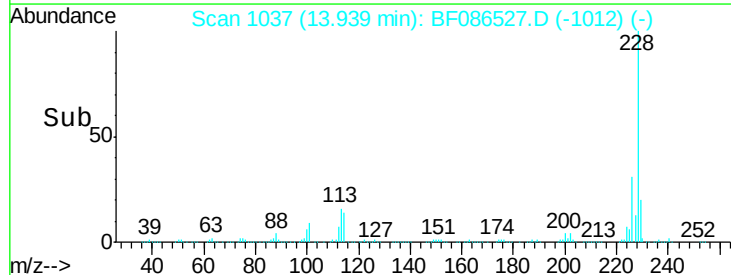
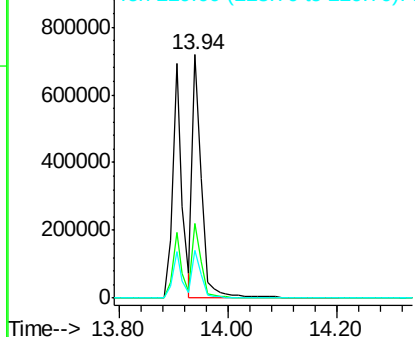


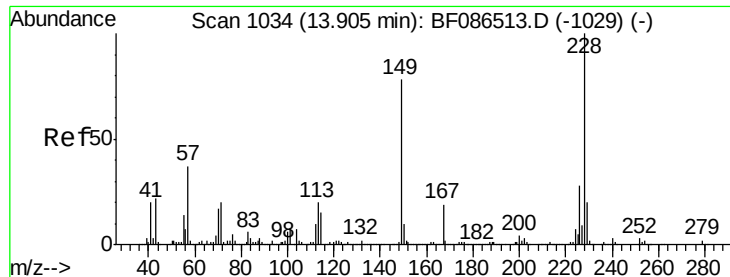
#82
 Chrysene
 Concen: 34.37 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:228 Resp: 836765
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.4 36.6
 229 19.8 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

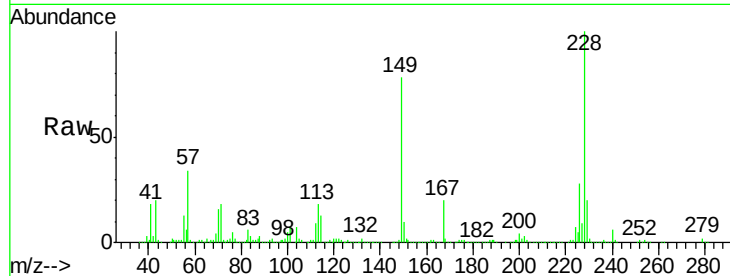




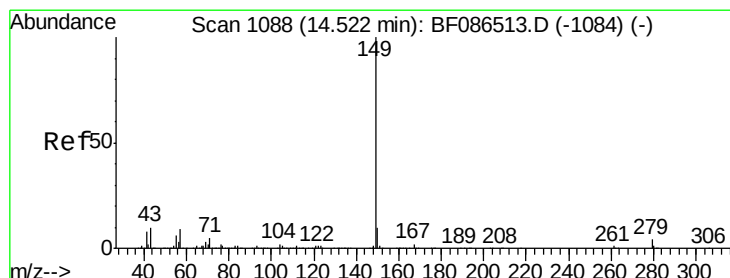
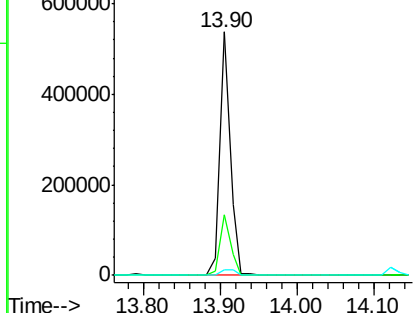
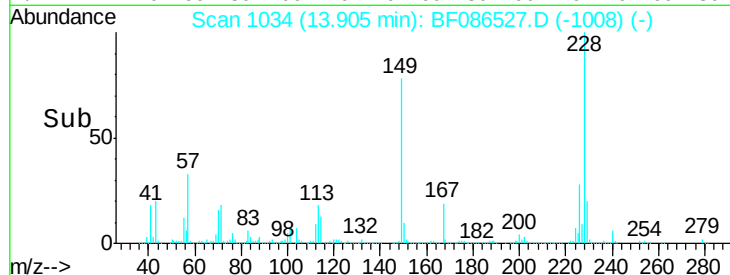
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.49 ng
 RT: 13.90 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.8	32.6
279	2.4	2.6	4.0#

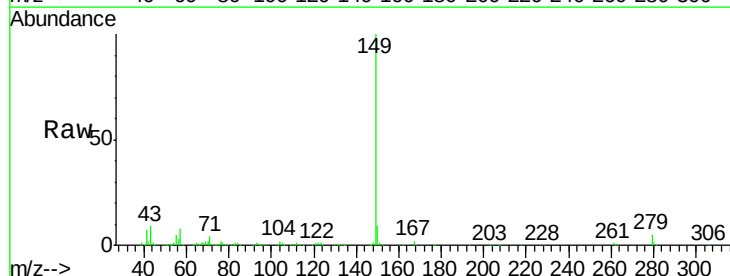


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

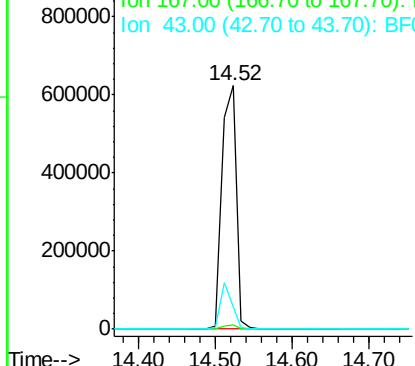
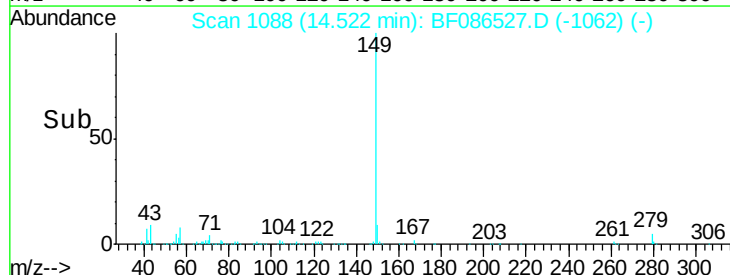


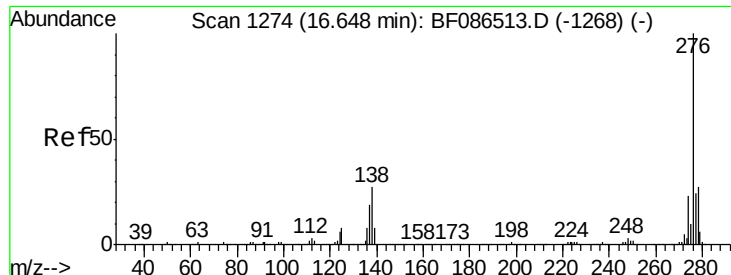
#84
 Di-n-octyl phthalate
 Concen: 32.58 ng
 RT: 14.52 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	14.8	8.2	12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

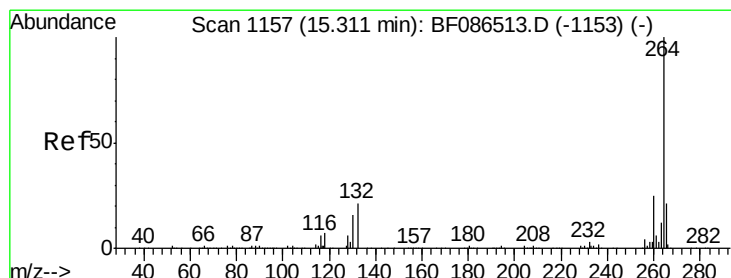
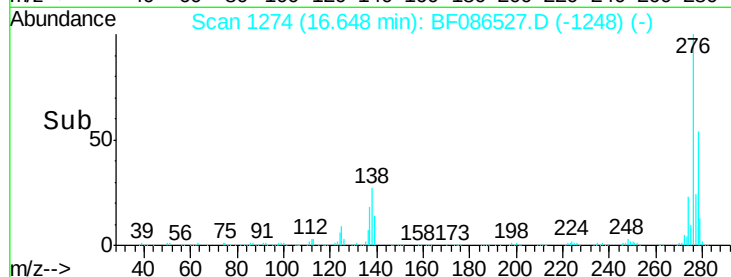
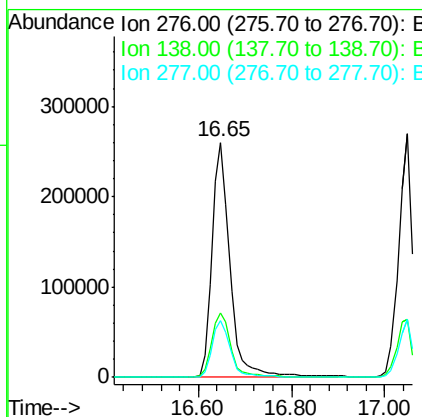
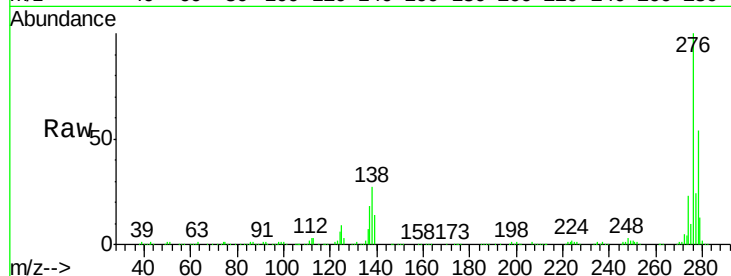




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.91 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

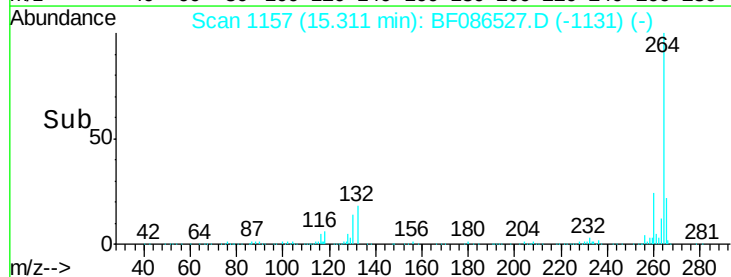
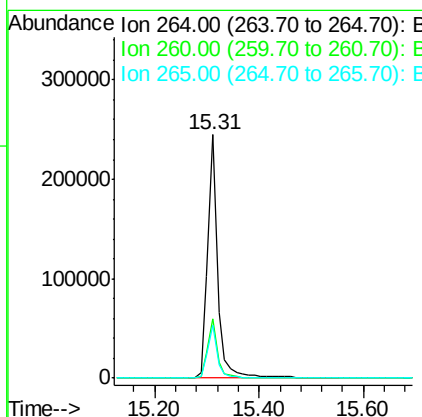
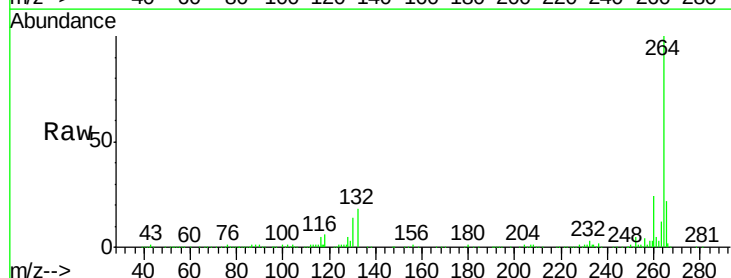
Instrument :
 BNA_F
 ClientSampleId :

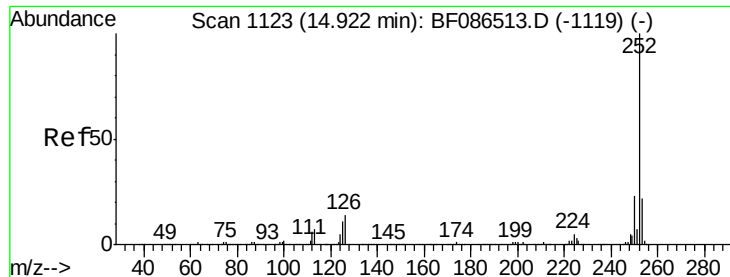
Tot Ion:276 Resp: 701841
 Ion Ratio Lower Upper
 276 100
 138 29.6 25.6 38.4
 277 25.2 20.5 30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:264 Resp: 326344
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 76.32 ng

RT: 14.95 min Scan# 1125

Delta R.T. 0.02 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

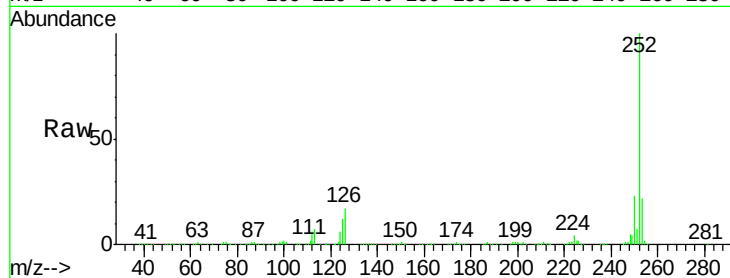
Tot Ion:252 Resp: 1465308

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

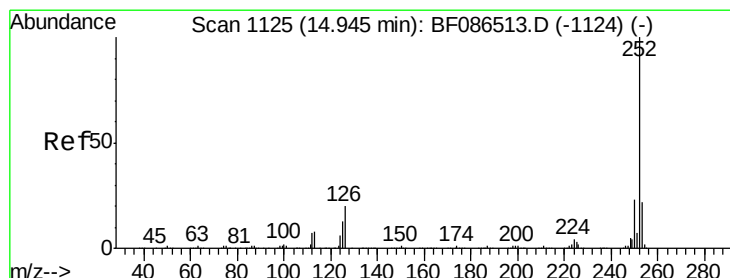
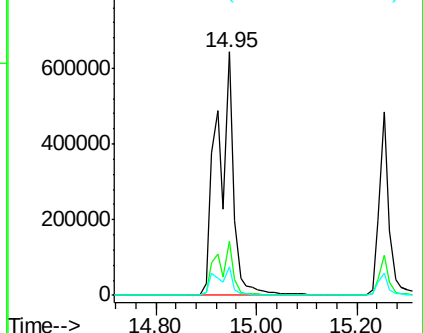
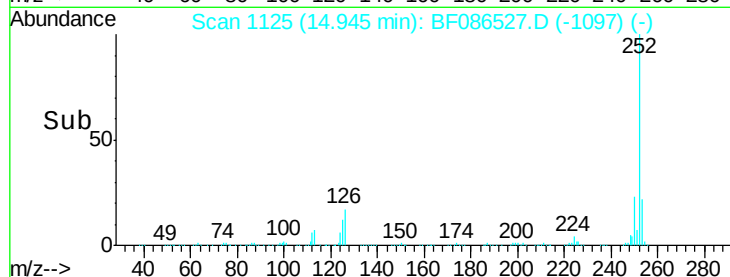
125 11.7 11.4 17.0



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: 73.34 ng

RT: 14.95 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

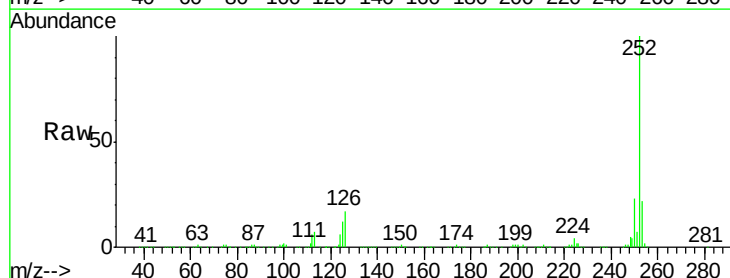
Tgt Ion:252 Resp: 1468578

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

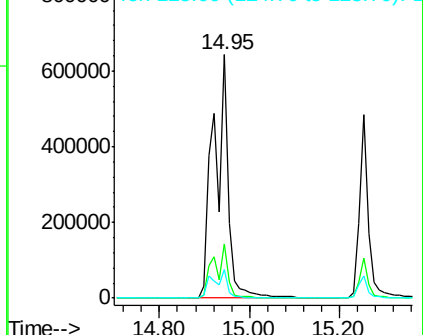
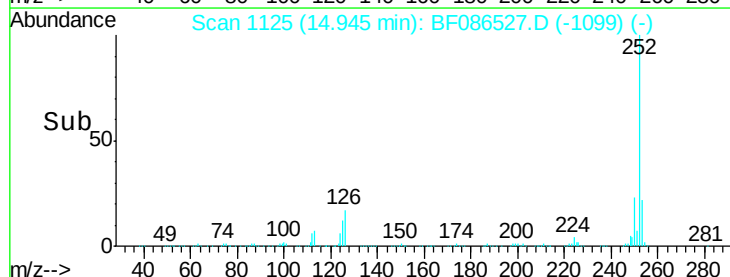
125 11.7 9.1 13.7

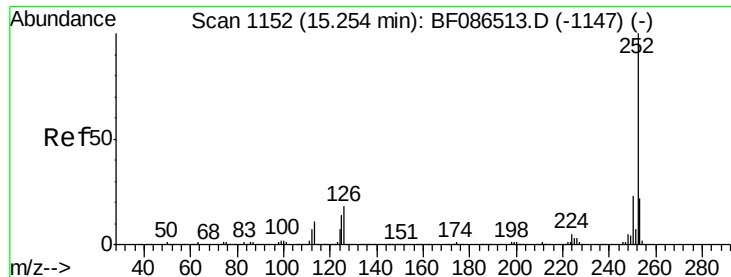


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 37.13 ng

RT: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

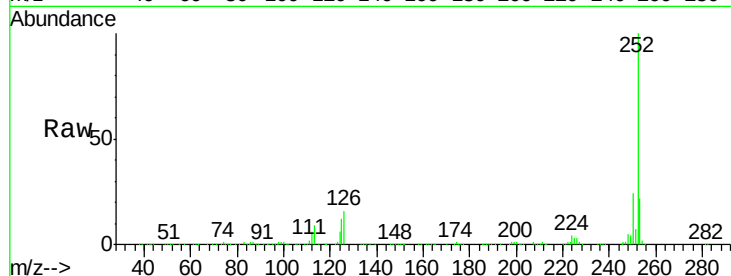
Tot Ion:252 Resp: 673036

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

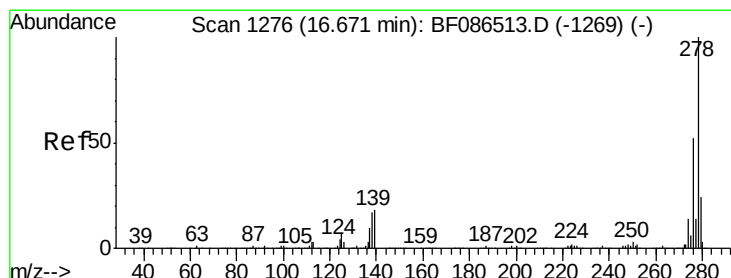
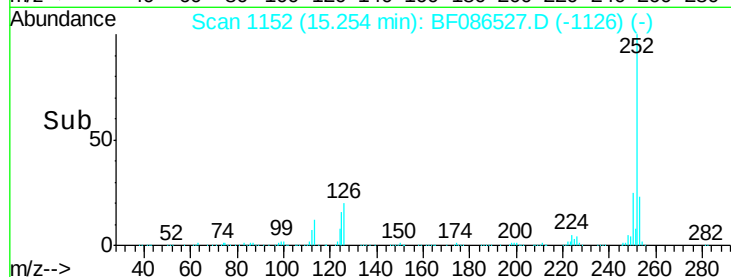
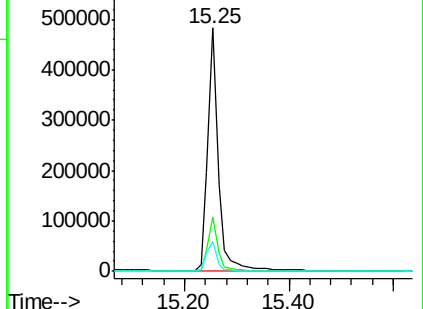
125 12.1 9.0 13.6



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: 39.63 ng

RT: 16.66 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

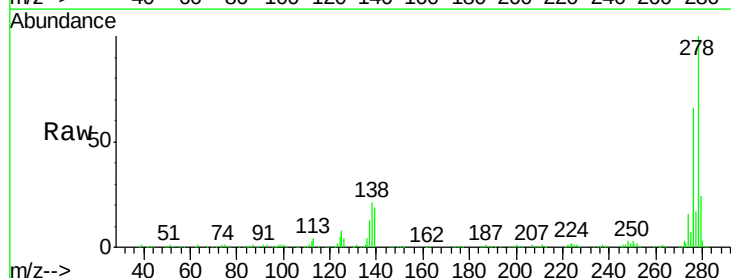
Tgt Ion:278 Resp: 587868

Ion Ratio Lower Upper

278 100

139 19.4 16.6 24.8

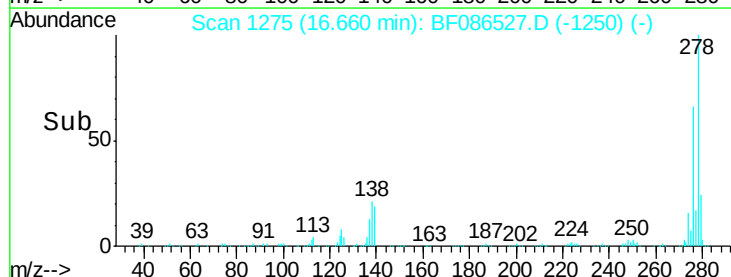
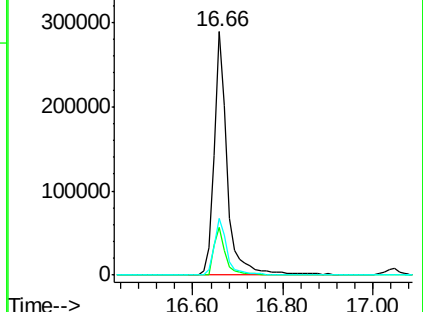
279 23.5 19.6 29.4

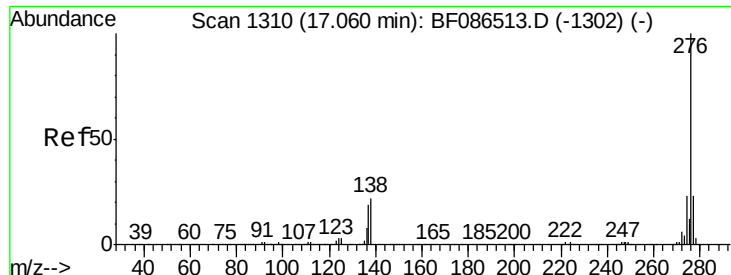


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

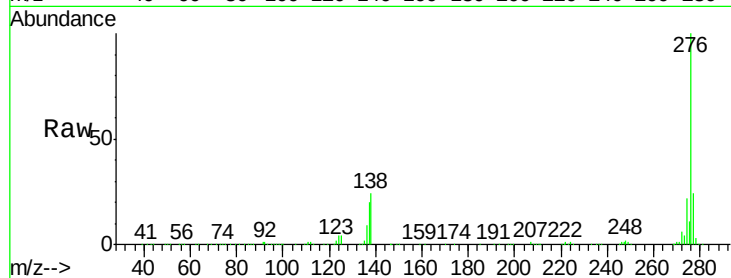




#91
 Benzo(a,h,i)perylene
 Concen: 39.85 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	23.6	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

