

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : BF090543.D
 Acq On : 12 Oct 2016 18:48
 Operator : UM/SJ
 Sample : PB93974BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Quant Time: Oct 13 00:52:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	216341	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	898330	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	489045	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	828345	20.00	ng	0.00
75) Chrysene-d12	14.13	240	728467	20.00	ng	0.00
86) Perylene-d12	15.61	264	487324	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1400250	100.69	ng	0.01
7) Phenol-d6	6.60	99	1958146	111.58	ng	0.01
23) Nitrobenzene-d5	7.51	82	1076329	64.99	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	626569	129.25	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	2242104	77.04	ng	0.00
78) Terphenyl-d14	13.07	244	2200291	73.81	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	183117	26.84	ng	# 77
3) Pyridine	3.47	79	401717	21.31	ng	# 74
4) n-Nitrosodimethylamine	3.42	42	133573	21.62	ng	# 26
6) Aniline	6.62	93	427913	19.22	ng	# 74
8) 2-Chlorophenol	6.74	128	606289	40.98	ng	93
9) Benzaldehyde	6.50	77	154935	14.01	ng	97
10) Phenol	6.61	94	697808	35.25	ng	92
11) bis(2-Chloroethyl)ether	6.68	93	604377	40.79	ng	97
12) 1,3-Dichlorobenzene	6.97	146	607577	38.07	ng	98
13) 1,4-Dichlorobenzene	6.97	146	640504	39.33	ng	96
14) 1,2-Dichlorobenzene	7.11	146	566552	38.29	ng	98
15) Benzyl Alcohol	7.09	79	451808	33.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	541911	25.52	ng	56
17) 2-Methylphenol	7.22	107	468183	38.91	ng	95
18) Hexachloroethane	7.46	117	213117	35.46	ng	99
19) n-Nitroso-di-n-propylamine	7.37	70	401901	35.91	ng	# 73
20) 3+4-Methylphenols	7.37	107	587877	38.59	ng	# 86
22) Acetophenone	7.37	105	771882	39.03	ng	# 90
24) Nitrobenzene	7.54	77	575804	32.41	ng	# 83
25) Isophorone	7.78	82	1058953	35.13	ng	# 92
26) 2-Nitrophenol	7.85	139	310344	38.29	ng	# 88
27) 2,4-Dimethylphenol	7.89	122	538877	39.11	ng	98
28) bis(2-Chloroethoxy)methane	7.98	93	688073	36.96	ng	98
29) 2,4-Dichlorophenol	8.10	162	501607	43.53	ng	96
30) 1,2,4-Trichlorobenzene	8.18	180	530482	40.08	ng	98
31) Naphthalene	8.26	128	1665853	37.22	ng	98
32) Benzoic acid	8.03	122	296115	27.23	ng	87
33) 4-Chloroaniline	8.31	127	221459	11.69	ng	# 87
34) Hexachlorobutadiene	8.37	225	279284	37.74	ng	100
35) Caprolactam	8.68	113	87879	23.52	ng	# 55
36) 4-Chloro-3-methylphenol	8.81	107	529332	39.34	ng	88
37) 2-Methylnaphthalene	8.95	142	1144881	38.11	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	516731	37.74	ng	99
40) Hexachlorocyclopentadiene	9.10	237	603323	88.78	ng	98

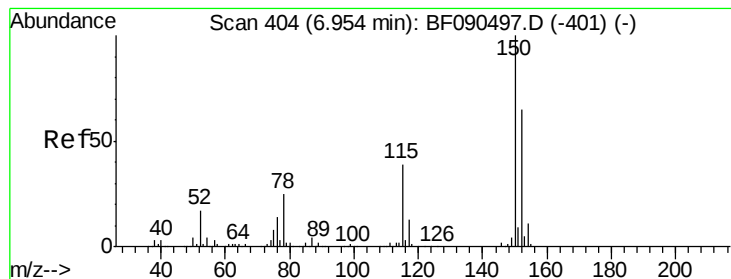
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101216\
 Data File : BF090543.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	345113	37.39	ng	96
43) 2,4,5-Trichlorophenol	9.27	196	389298	42.61	ng	96
45) 1,1'-Biphenyl	9.41	154	1336033	35.77	ng	97
46) 2-Chloronaphthalene	9.45	162	1069562	38.49	ng	92
47) 2-Nitroaniline	9.54	65	313591	31.64	ng	90
48) Acenaphthylene	9.86	152	1649762	36.80	ng	98
49) Dimethylphthalate	9.72	163	1354022	41.17	ng	98
50) 2,6-Dinitrotoluene	9.78	165	288168	39.68	ng	# 81
51) Acenaphthene	10.03	154	1144037	38.07	ng	97
52) 3-Nitroaniline	9.95	138	147243	16.34	ng	98
53) 2,4-Dinitrophenol	10.05	184	260195	64.57	ng	# 77
54) Dibenzofuran	10.20	168	1480099	37.02	ng	96
55) 4-Nitrophenol	10.13	139	499916	71.40	ng	# 74
56) 2,4-Dinitrotoluene	10.19	165	429963	44.76	ng	# 87
57) Fluorene	10.54	166	1188663	36.41	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	324874	42.63	ng	100
59) Diethylphthalate	10.42	149	1265636	37.84	ng	94
60) 4-Chlorophenyl-phenylether	10.53	204	593893	39.43	ng	95
61) 4-Nitroaniline	10.58	138	308120	33.51	ng	85
62) Azobenzene	10.69	77	1270984	34.79	ng	89
64) 4,6-Dinitro-2-methylphenol	10.60	198	177813	32.14	ng	# 41
65) n-Nitrosodiphenylamine	10.66	169	1070174	39.73	ng	99
66) 4-Bromophenyl-phenylether	11.02	248	363015	39.55	ng	# 92
67) Hexachlorobenzene	11.09	284	413439	40.78	ng	95
68) Atrazine	11.18	200	328345	39.39	ng	98
69) Pentachlorophenol	11.30	266	456927	75.73	ng	98
70) Phenanthrene	11.51	178	1844456	40.40	ng	97
71) Anthracene	11.56	178	1837103	39.72	ng	99
72) Carbazole	11.72	167	1799981	41.21	ng	97
73) Di-n-butylphthalate	12.04	149	1953978	37.14	ng	98
74) Fluoranthene	12.70	202	1921474	41.23	ng	90
76) Benzidine	12.82	184	502914	21.97	ng	99
77) Pyrene	12.93	202	1986877	43.57	ng	98
79) Butylbenzylphthalate	13.55	149	916667	42.94	ng	90
80) Benzo(a)anthracene	14.12	228	1674035	38.56	ng	98
81) 3,3'-Dichlorobenzidine	14.09	252	316117	20.23	ng	# 99
82) Chrysene	14.16	228	1490879	36.89	ng	99
83) Bis(2-ethylhexyl)phthalate	14.11	149	1239121	39.78	ng	# 95
84) Di-n-octyl phthalate	14.72	149	1894560	39.27	ng	# 84
85) Indeno(1,2,3-cd)pyrene	17.08	276	1148801	34.14	ng	98
87) Benzo(b)fluoranthene	15.17	252	1345343	41.84	ng	# 97
88) Benzo(k)fluoranthene	15.17	252	1345343	46.97	ng	# 97
89) Benzo(a)pyrene	15.54	252	1195371	42.34	ng	98
90) Dibenzo(a,h)anthracene	17.09	278	979841	40.85	ng	# 95
91) Benzo(g,h,i)perylene	17.53	276	915030	41.25	ng	99

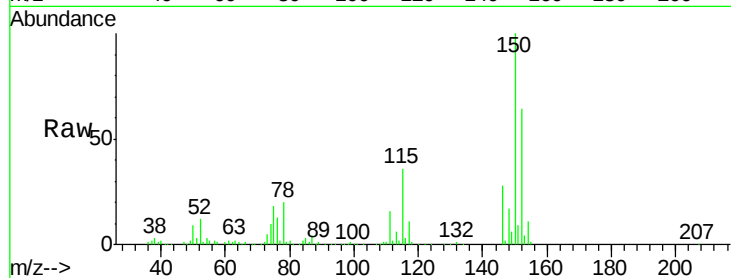
(#) = qualifier out of range (m) = manual integration (+) = signals summed



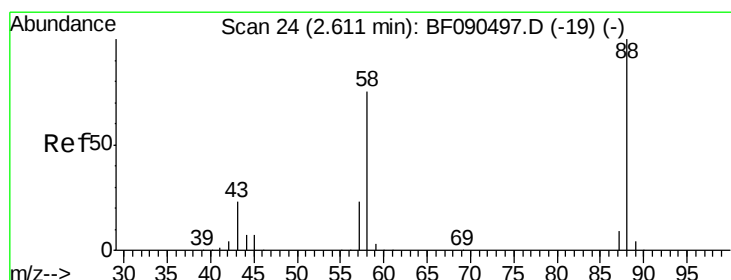
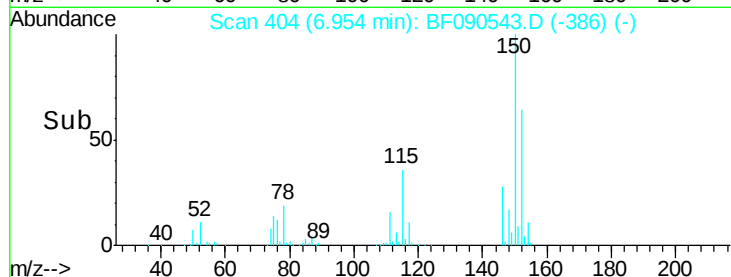
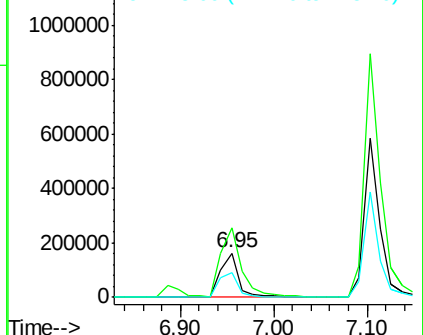
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.95 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tgt Ion:152 Resp: 216341
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 56.0 46.2 69.4

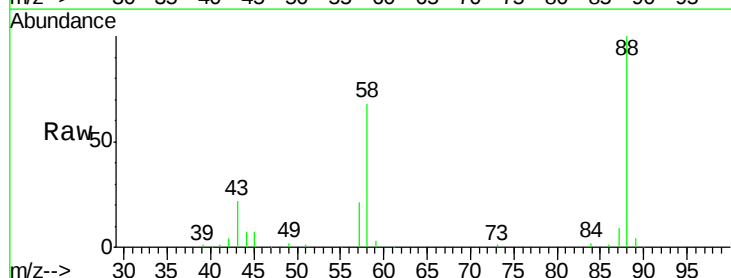


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

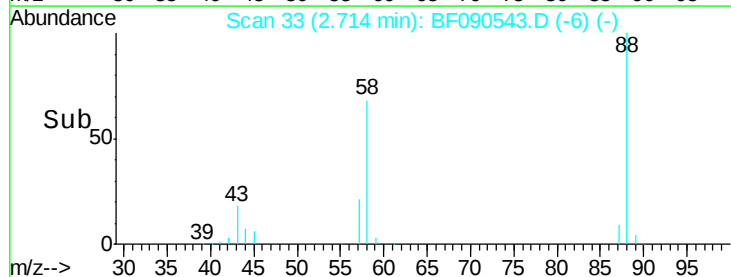
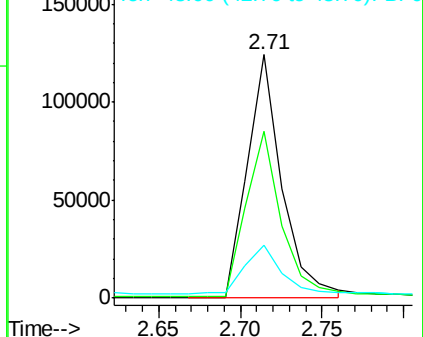


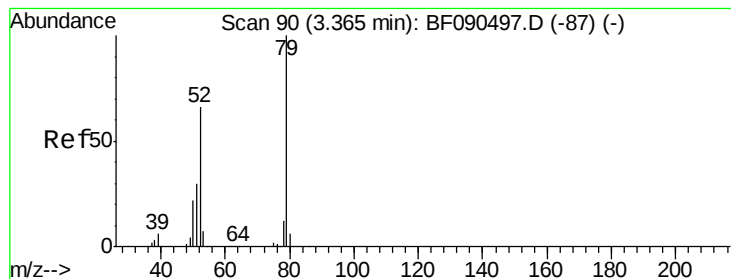
#2
 1,4-Dioxane
 Concen: 26.84 ng
 RT: 2.71 min Scan# 33
 Delta R.T. 0.10 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion: 88 Resp: 183117
 Ion Ratio Lower Upper
 88 100
 58 69.0 71.2 106.8#
 43 20.4 29.8 44.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 21.31 ng

RT: 3.47 min Scan# 99

Delta R.T. 0.10 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

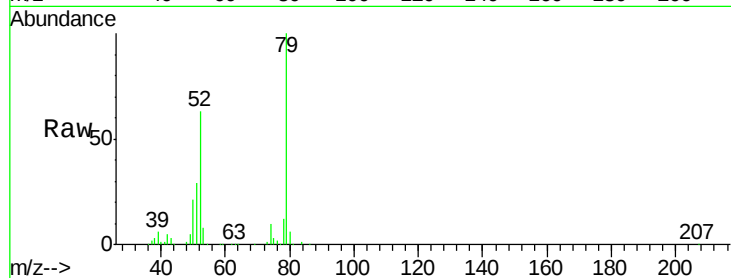
Tgt Ion: 79 Resp: 401717

Ion Ratio Lower Upper

79 100

52 62.8 71.3 106.9#

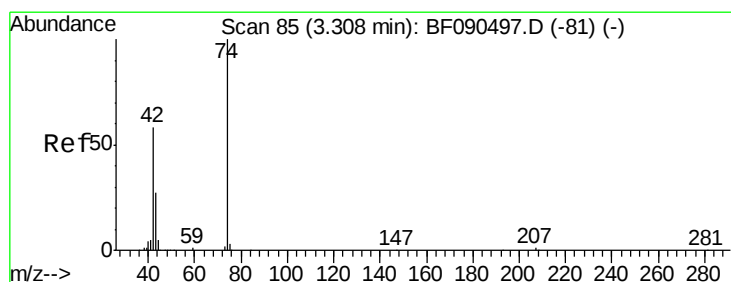
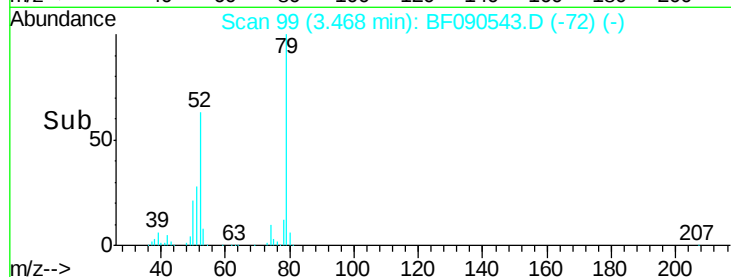
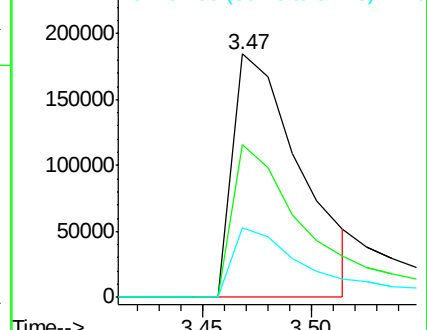
51 28.5 34.5 51.7#



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: 21.62 ng

RT: 3.42 min Scan# 95

Delta R.T. 0.11 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

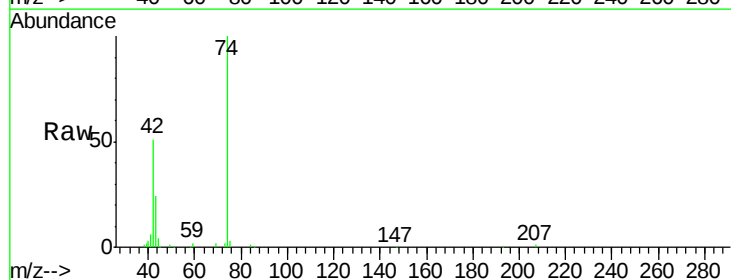
Tgt Ion: 42 Resp: 133573

Ion Ratio Lower Upper

42 100

74 195.5 88.9 133.3#

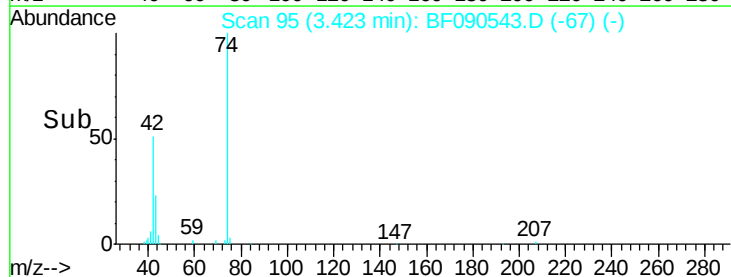
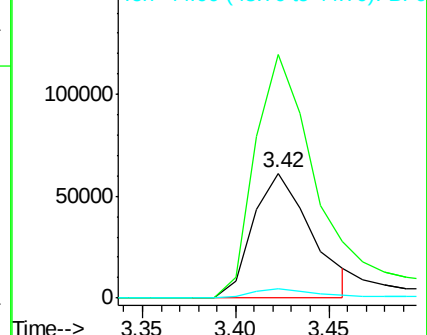
44 8.0 6.5 9.7

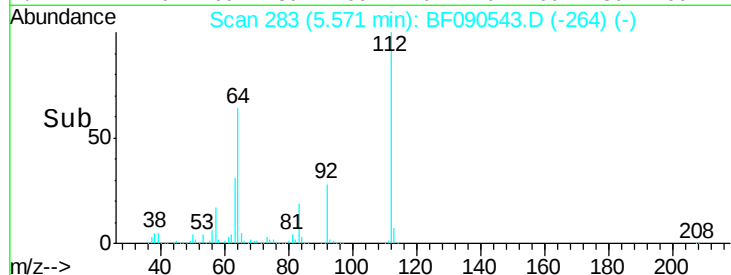
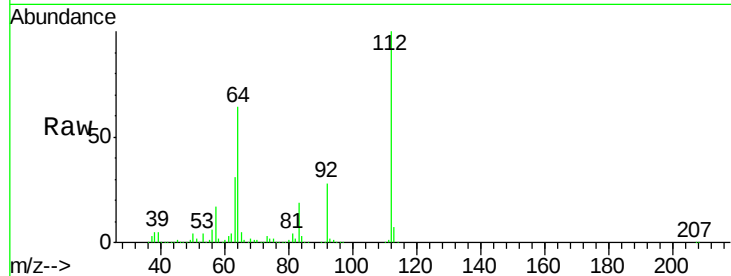
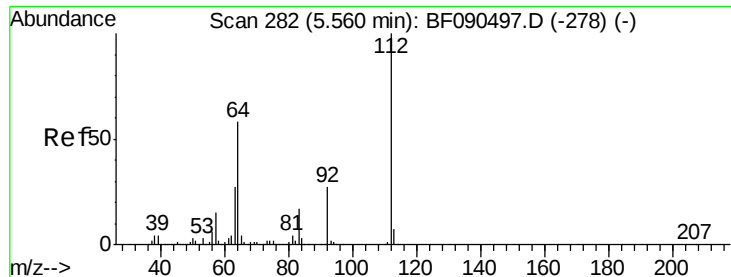


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 100.69 ng

RT: 5.57 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

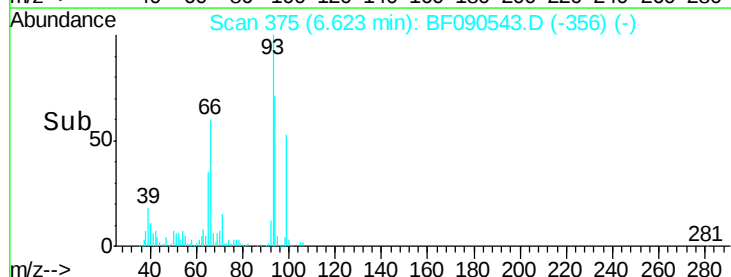
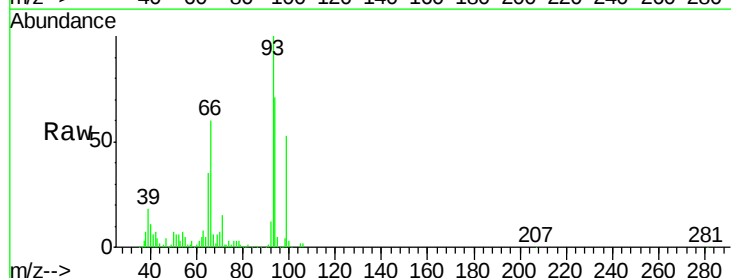
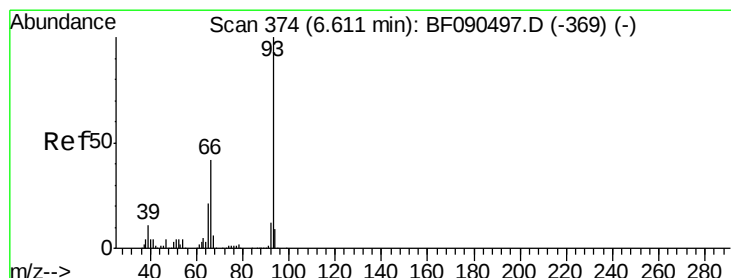
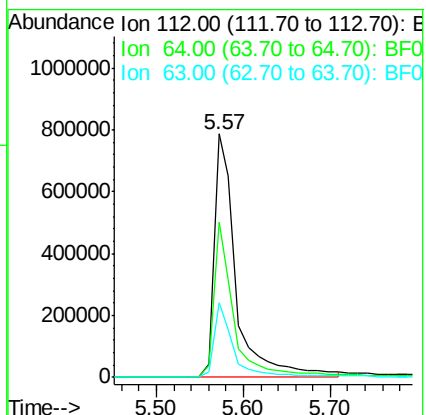
Tgt Ion:112 Resp: 1400250

Ion Ratio Lower Upper

112 100

64 63.9 57.9 86.9

63 30.9 29.6 44.4



#6

Aniline

Concen: 19.22 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

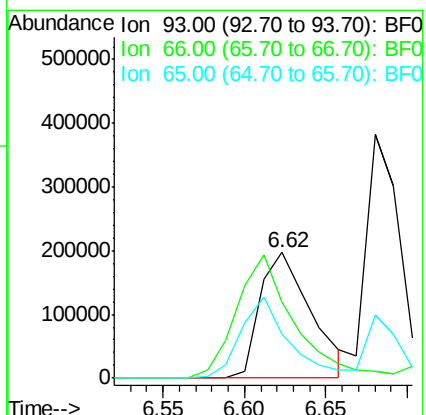
Tgt Ion: 93 Resp: 427913

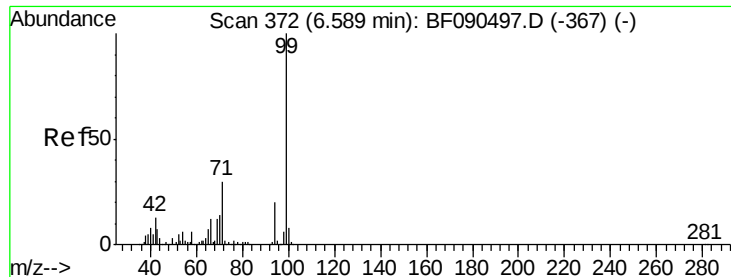
Ion Ratio Lower Upper

93 100

66 60.1 34.5 51.7#

65 34.8 18.2 27.2#





#7

Phenol-d6

Concen: 111.58 ng

RT: 6.60 min Scan# 373

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

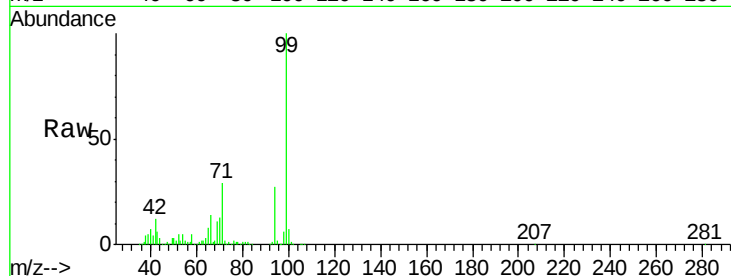
BNA_F

ClientSampleId :

PB93974BS

Tgt Ion: 99 Resp: 1958146

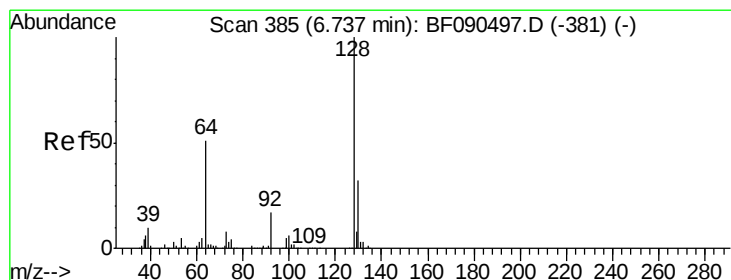
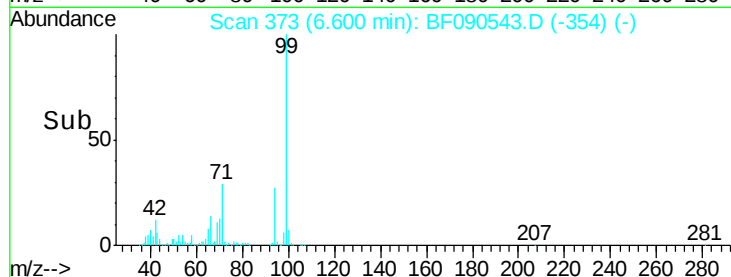
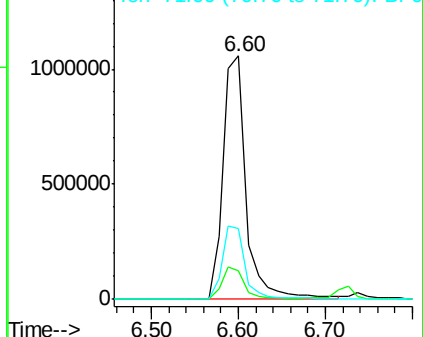
Ion	Ratio	Lower	Upper
99	100		
42	12.0	20.0	30.0#
71	29.0	27.9	41.9



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: 40.98 ng

RT: 6.74 min Scan# 385

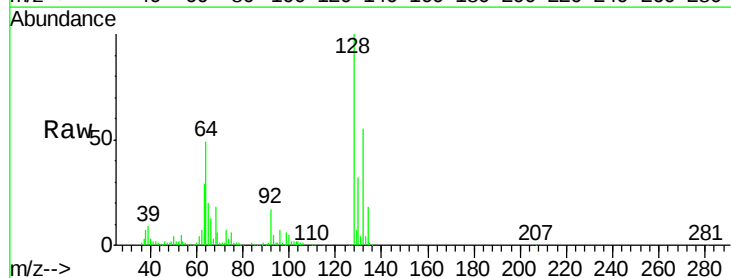
Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion: 128 Resp: 606289

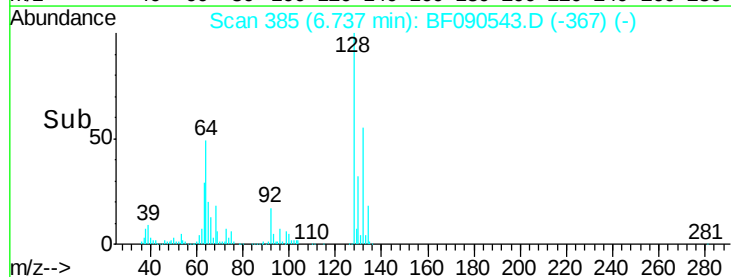
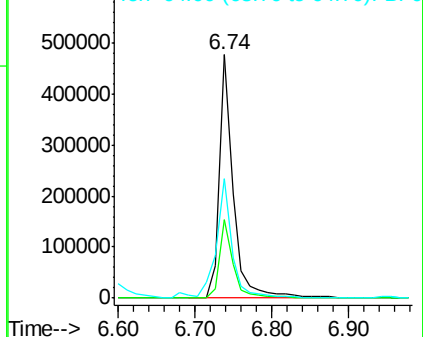
Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.3	53.3
64	49.2	36.0	76.0

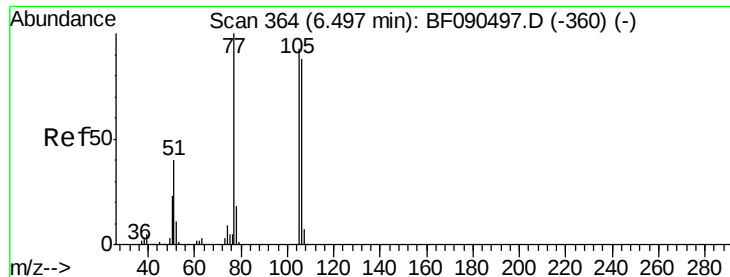


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.01 ng

RT: 6.50 min Scan# 364

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

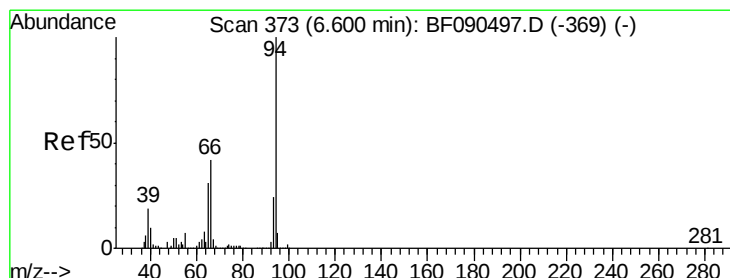
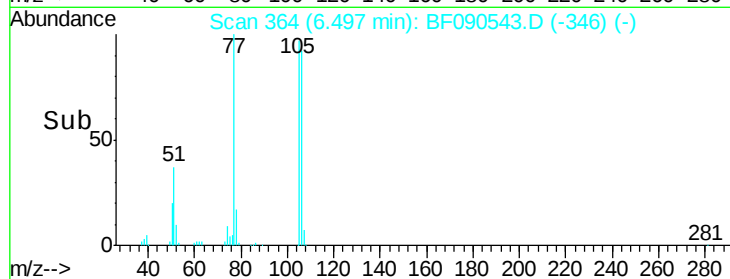
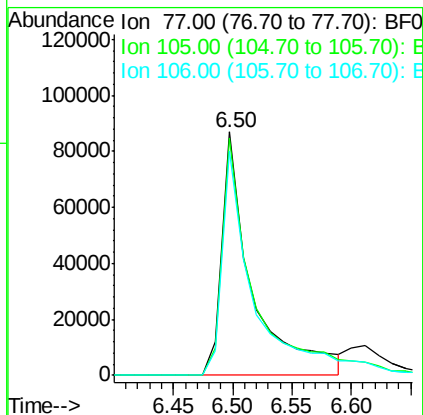
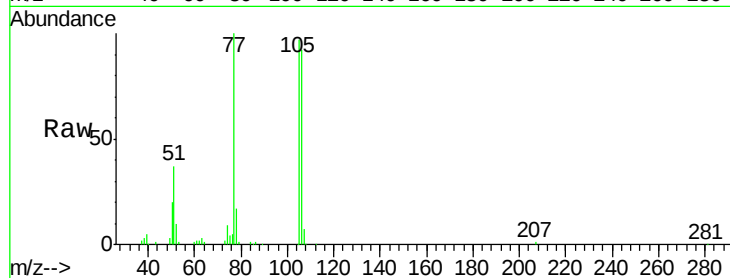
Tgt Ion: 77 Resp: 154935

Ion Ratio Lower Upper

77 100

105 97.3 73.1 113.1

106 92.3 70.2 110.2



#10

Phenol

Concen: 35.25 ng

RT: 6.61 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

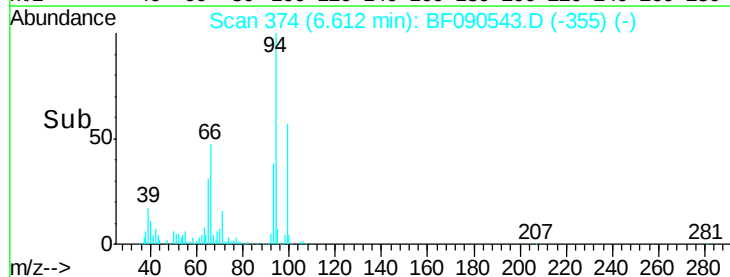
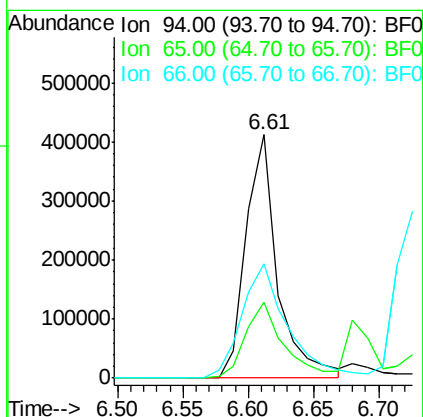
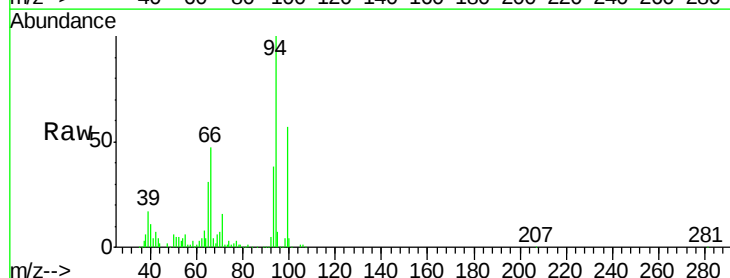
Tgt Ion: 94 Resp: 697808

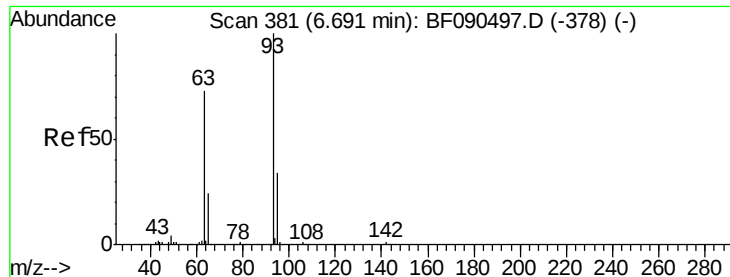
Ion Ratio Lower Upper

94 100

65 31.0 13.3 53.3

66 47.0 20.4 60.4



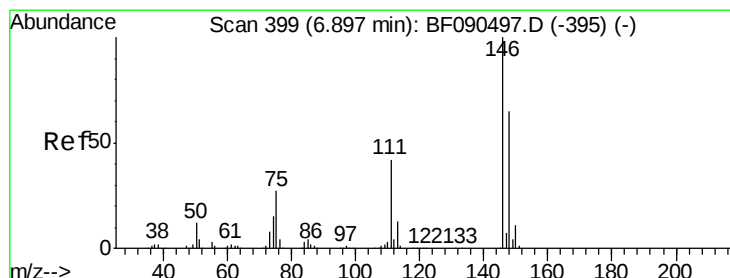
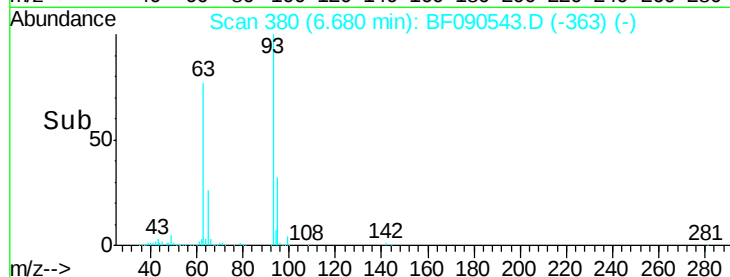
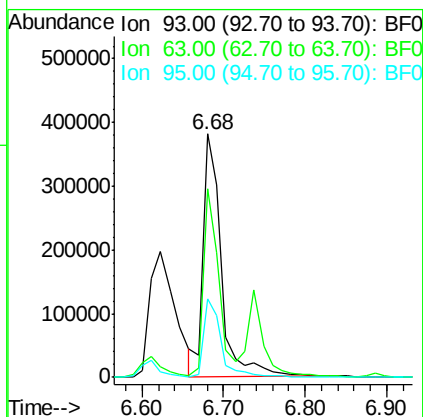
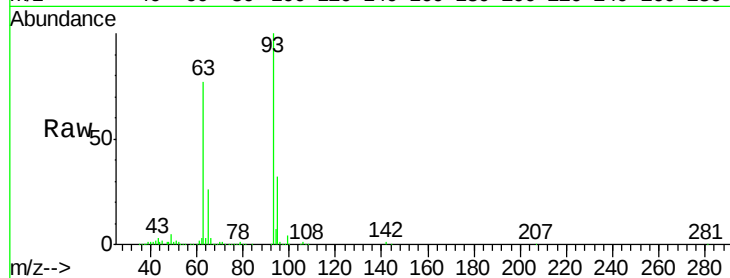


#11
bis(2-Chloroethyl)ether
Concen: 40.79 ng
RT: 6.68 min Scan# 380
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tgt Ion: 93 Resp: 604377

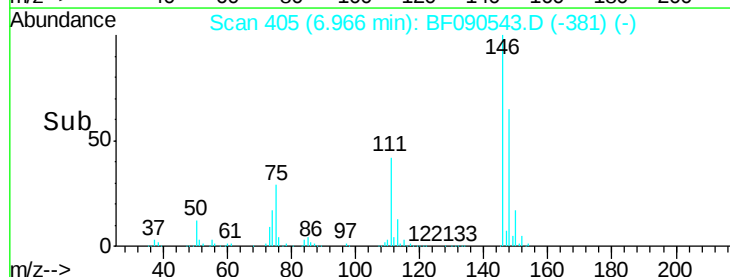
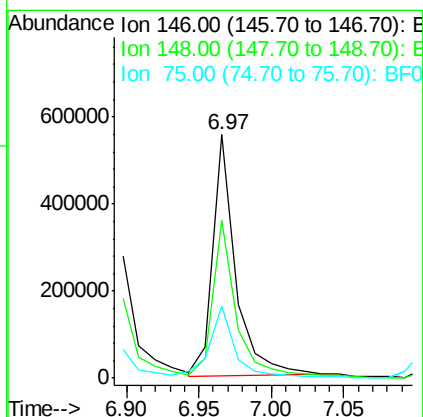
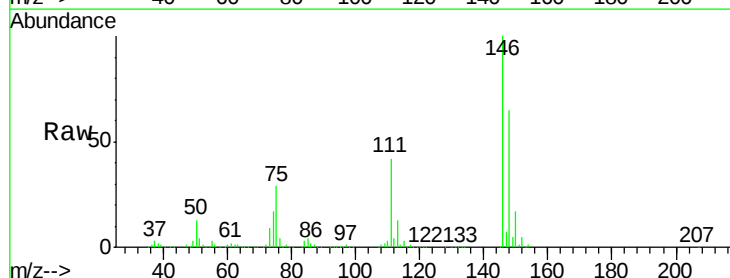
Ion	Ratio	Lower	Upper
93	100		
63	77.3	59.7	99.7
95	32.1	14.0	54.0

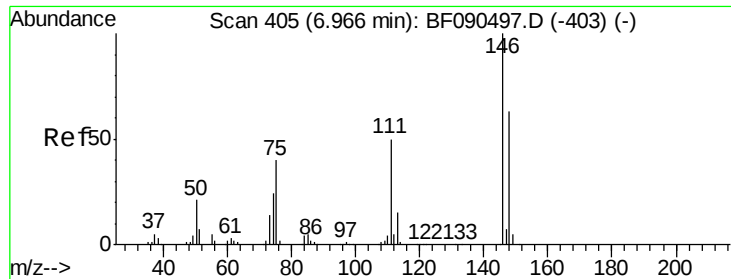


#12
1,3-Dichlorobenzene
Concen: 38.07 ng
RT: 6.97 min Scan# 405
Delta R.T. 0.07 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion: 146 Resp: 607577

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.4
75	29.4	21.4	32.2

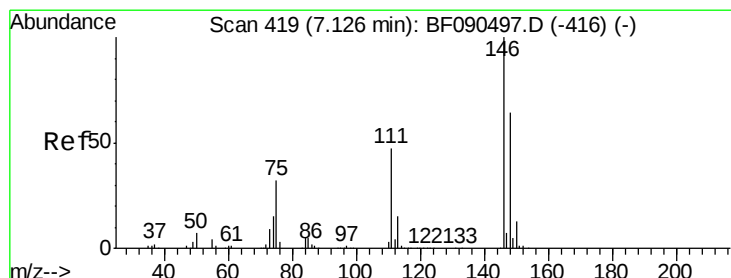
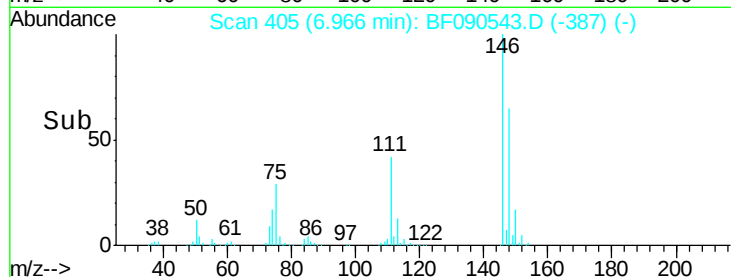
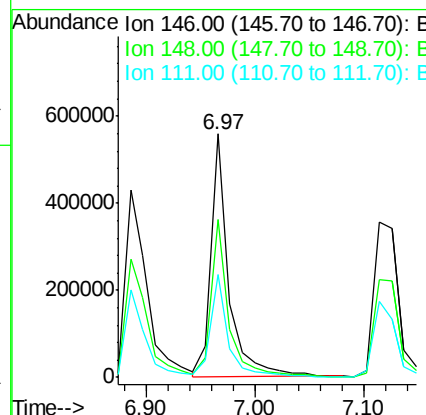
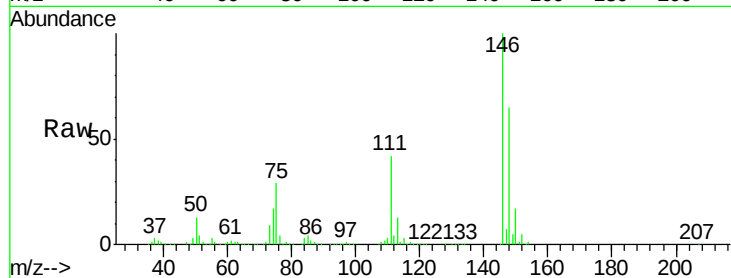




#13
 1,4-Dichlorobenzene
 Concen: 39.33 ng
 RT: 6.97 min Scan# 405
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

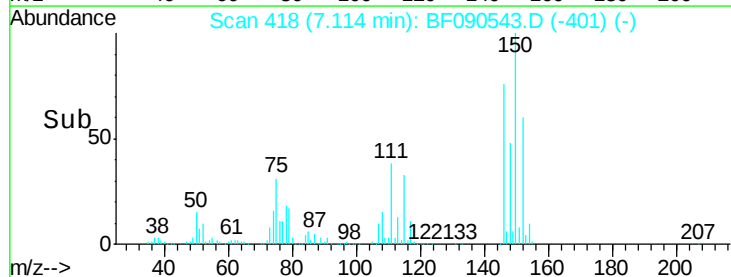
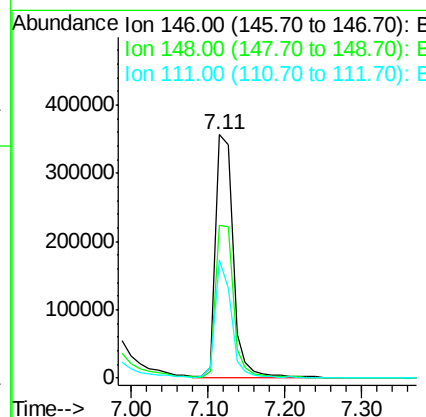
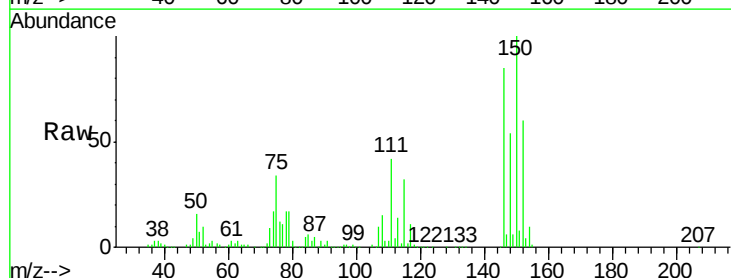
Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

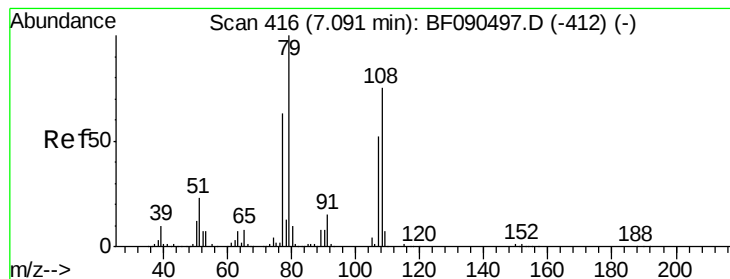
Tgt Ion:146 Resp: 640504
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.1 76.7
 111 42.1 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 38.29 ng
 RT: 7.11 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:146 Resp: 566552
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.3 78.5
 111 48.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 33.53 ng

RT: 7.09 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

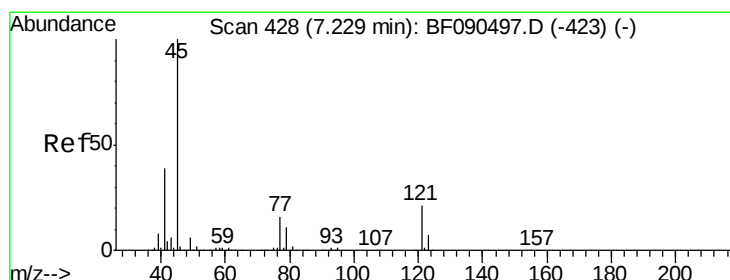
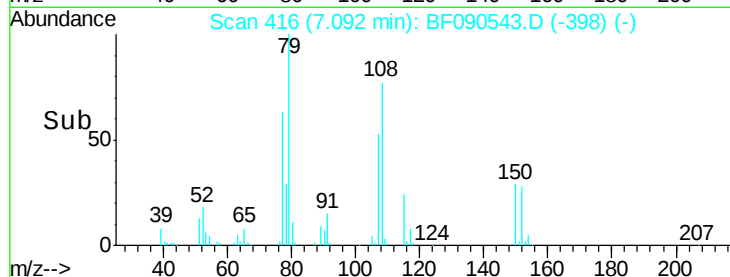
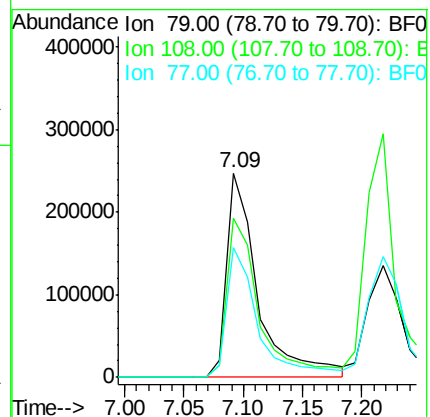
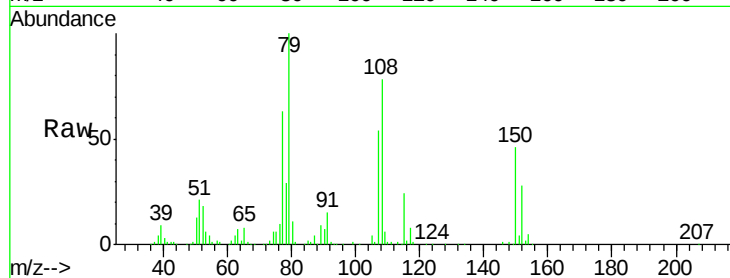
Tgt Ion: 79 Resp: 451808

Ion Ratio Lower Upper

79 100

108 77.8 60.9 91.3

77 63.2 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.52 ng

RT: 7.23 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

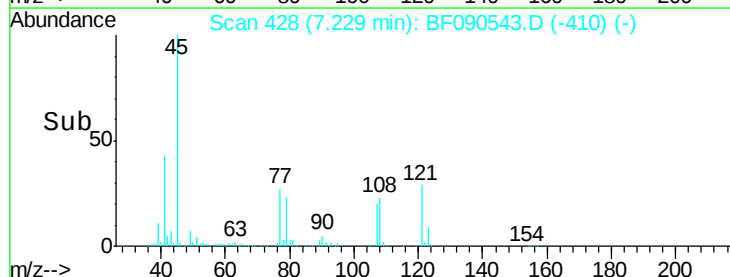
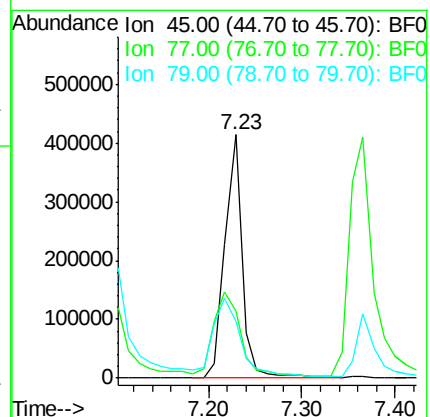
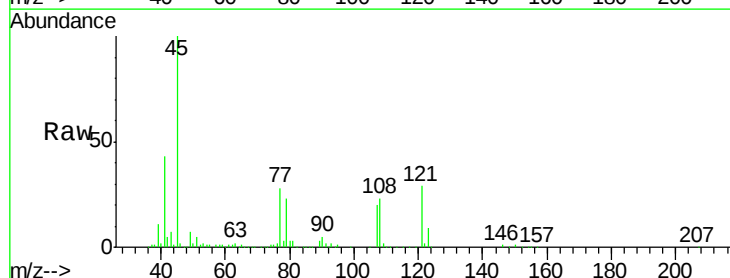
Tgt Ion: 45 Resp: 541911

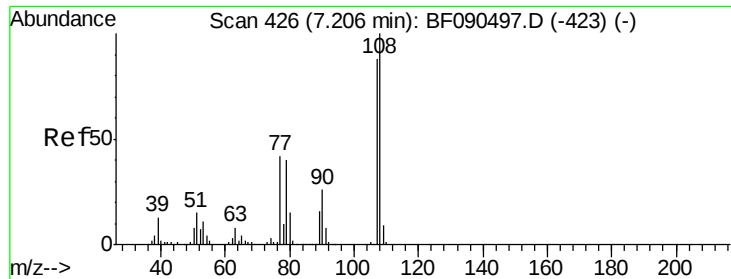
Ion Ratio Lower Upper

45 100

77 27.5 0.0 30.8

79 23.3 0.0 28.2

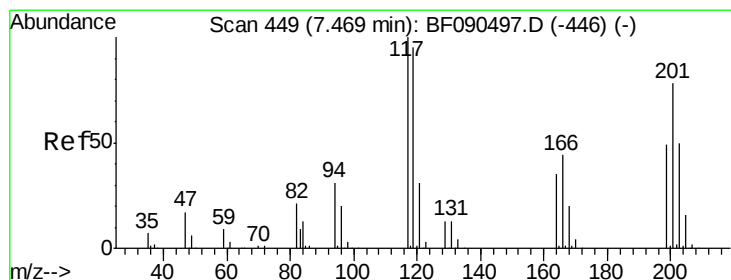
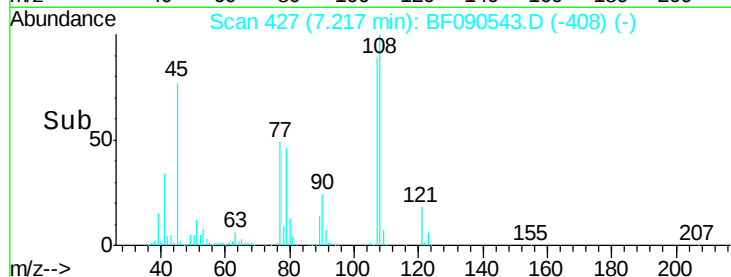
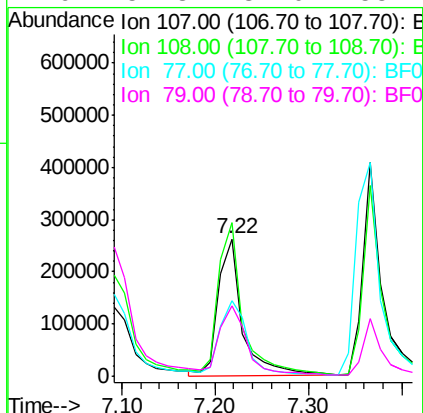
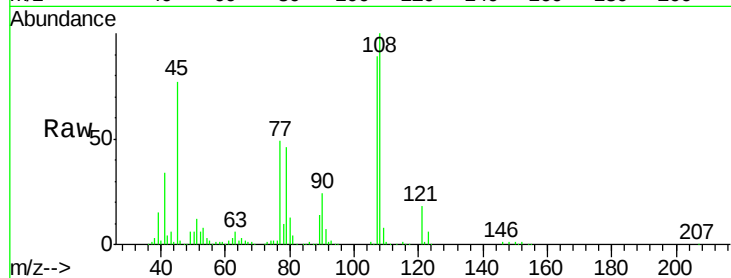




#17
2-Methylphenol
Concen: 38.91 ng
RT: 7.22 min Scan# 427
Delta R.T. 0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

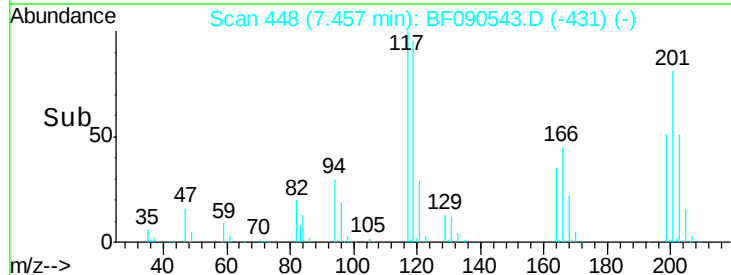
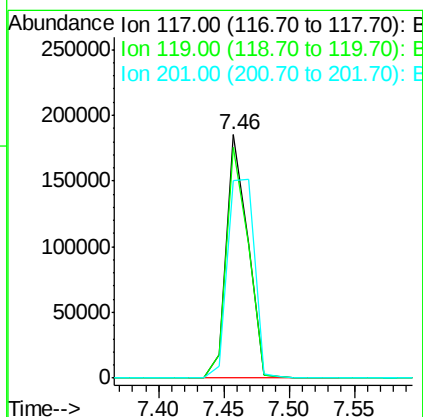
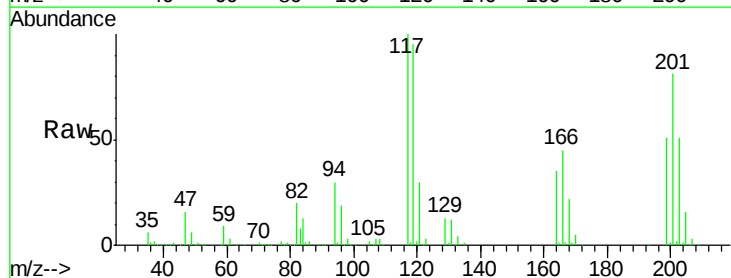
Instrument :
BNA_F
ClientSampleId :
PB93974BS

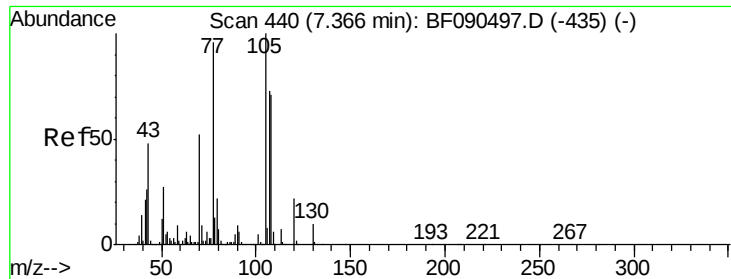
Tgt Ion:107 Resp: 468183
Ion Ratio Lower Upper
107 100
108 112.1 90.9 136.3
77 55.4 38.2 57.4
79 51.3 37.0 55.4



#18
Hexachloroethane
Concen: 35.46 ng
RT: 7.46 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:117 Resp: 213117
Ion Ratio Lower Upper
117 100
119 95.0 75.9 113.9
201 81.2 66.5 99.7

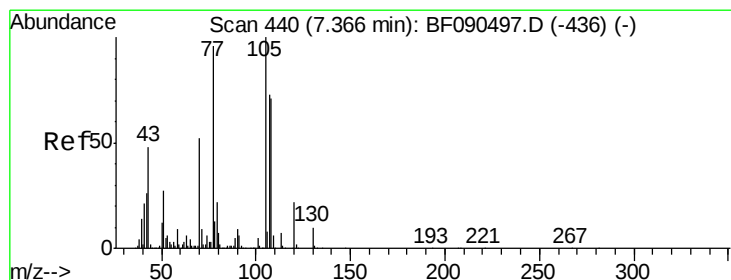
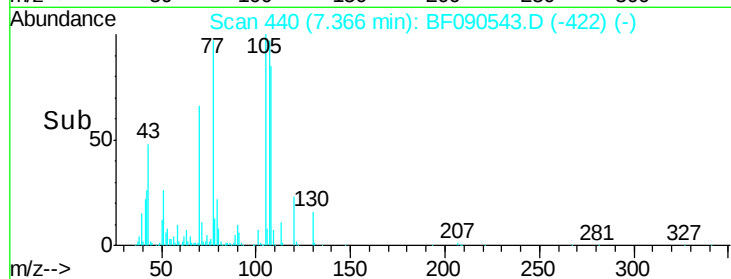
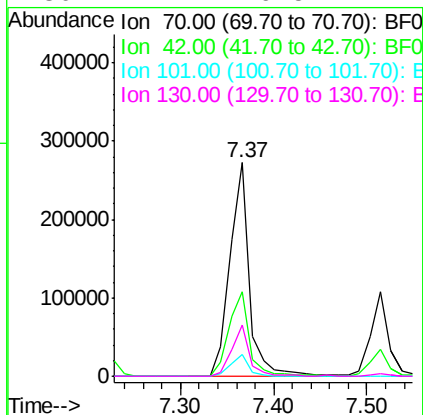
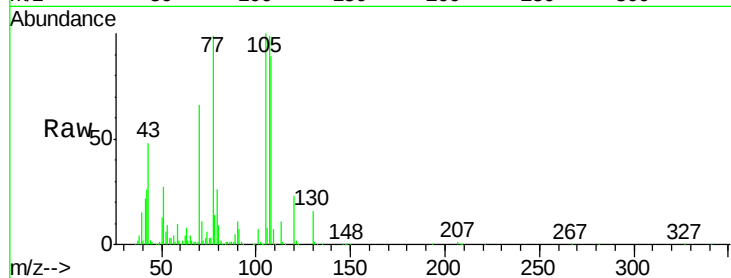




#19
n-Nitroso-di-n-propylamine
Concen: 35.91 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

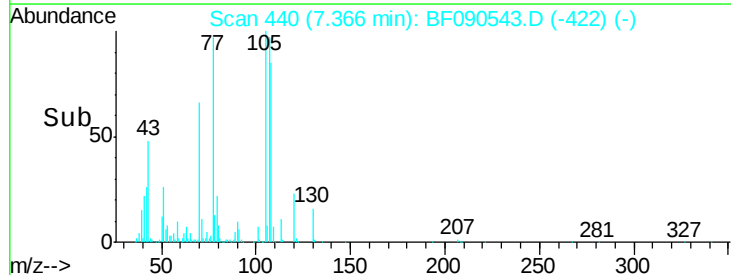
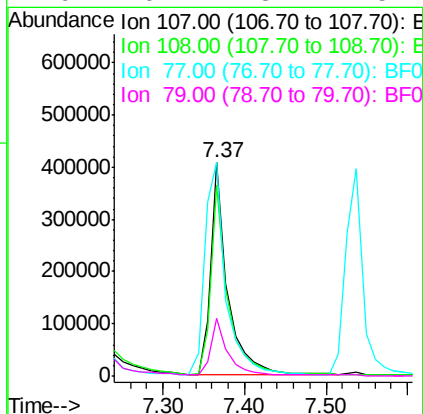
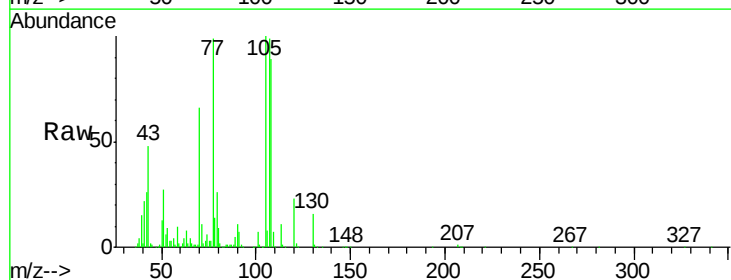
Instrument :
BNA_F
ClientSampleId :
PB93974BS

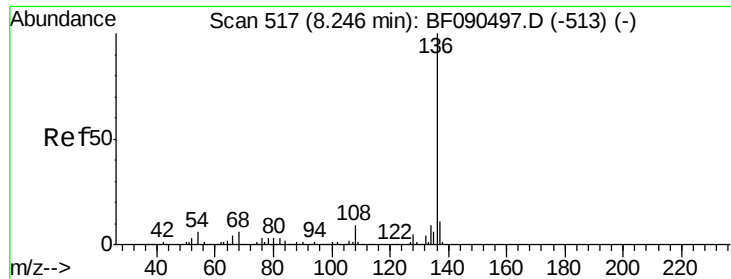
Tgt Ion:	70	Resp:	401901
Ion	Ratio	Lower	Upper
70	100		
42	39.7	55.4	83.2#
101	10.1	7.6	11.4
130	24.2	16.5	24.7



#20
3+4-Methylphenols
Concen: 38.59 ng
RT: 7.37 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:	107	Resp:	587877
Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.7	106.7
77	100.1	53.7	93.7#
79	26.7	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

Tgt Ion:136 Resp: 898330

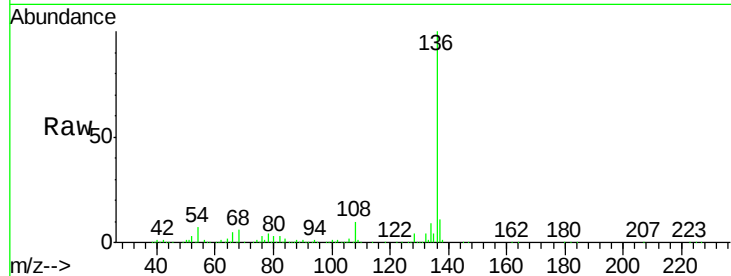
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 6.7 6.6 10.0

68 6.5 5.0 7.6

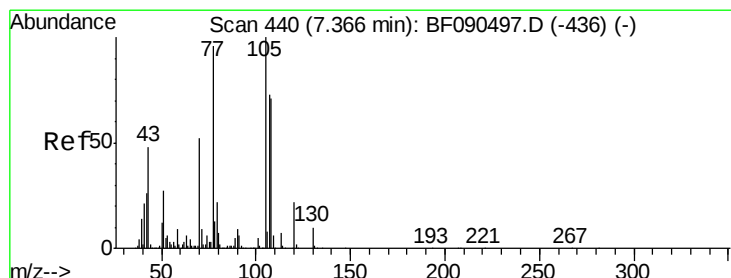
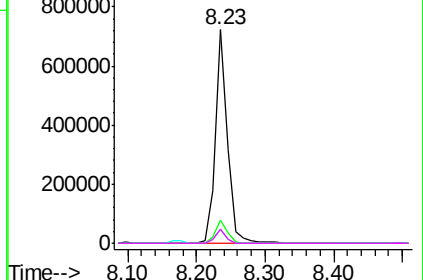
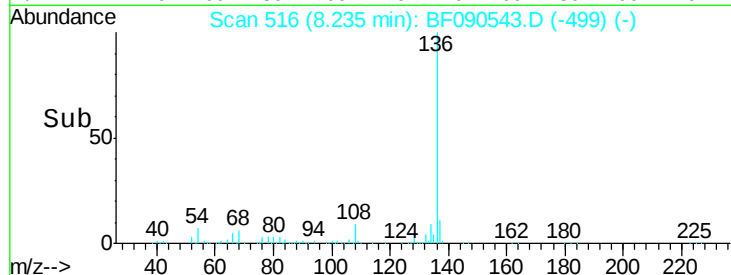


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.03 ng

RT: 7.37 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:105 Resp: 771882

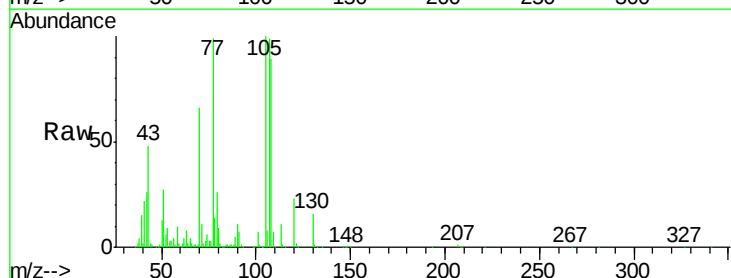
Ion Ratio Lower Upper

105 100

71 10.9 3.8 5.6#

51 27.2 28.2 42.4#

120 22.8 17.4 26.2

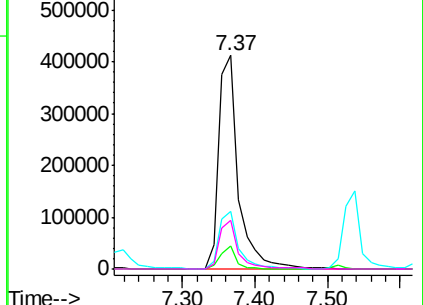
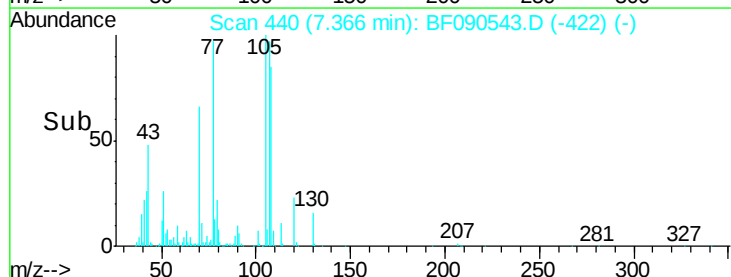


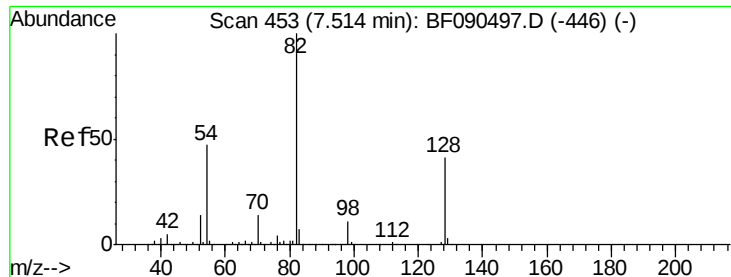
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

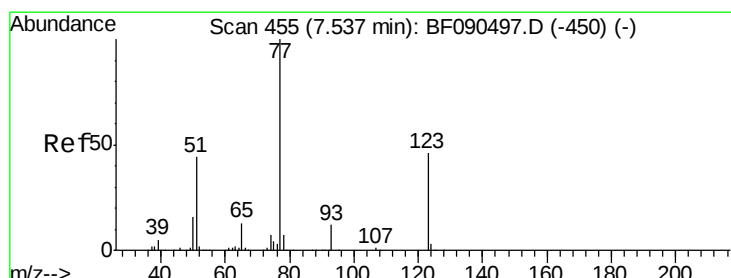
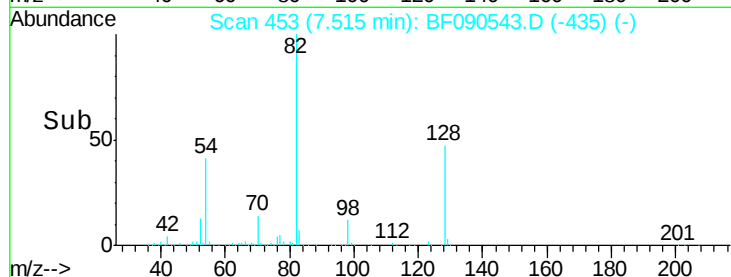
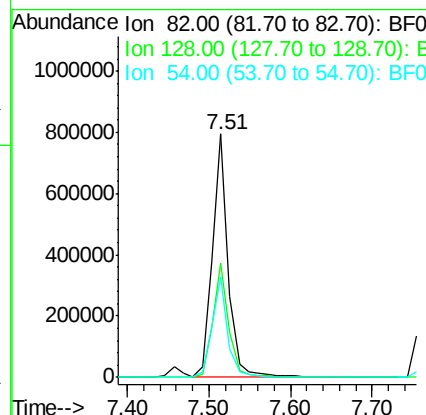
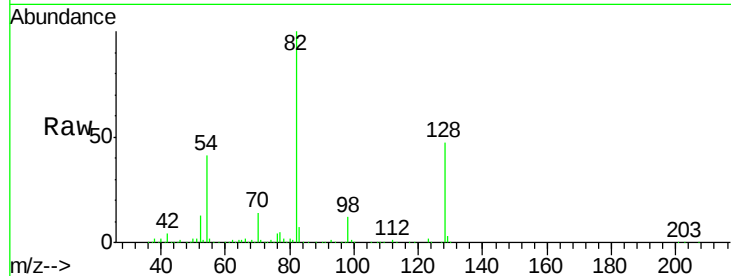




#23
 Nitrobenzene-d5
 Concen: 64.99 ng
 RT: 7.51 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

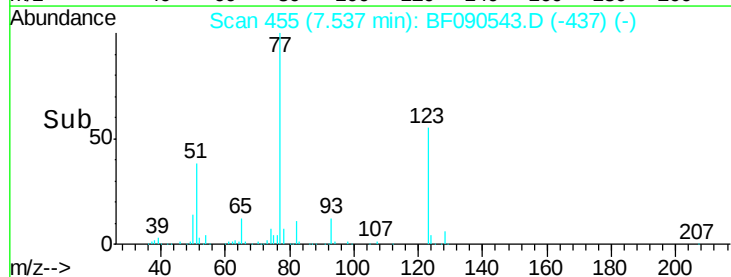
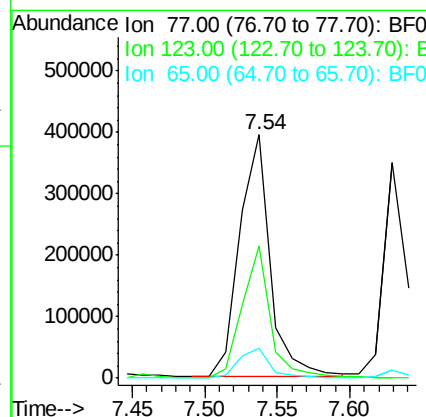
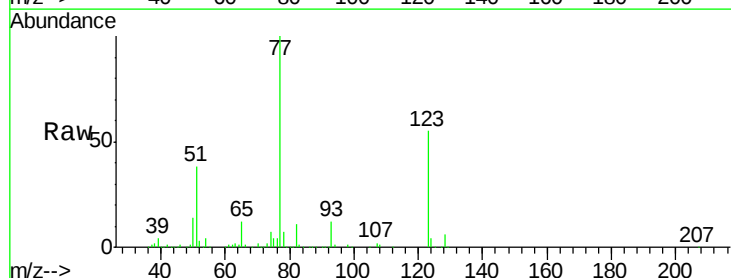
Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

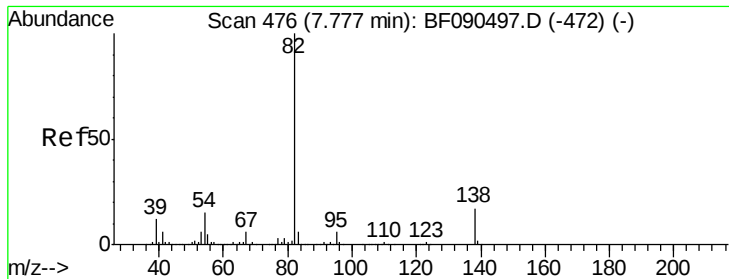
Tgt Ion: 82 Resp: 1076329
 Ion Ratio Lower Upper
 82 100
 128 46.8 40.0 60.0
 54 41.3 42.6 64.0#



#24
 Nitrobenzene
 Concen: 32.41 ng
 RT: 7.54 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion: 77 Resp: 575804
 Ion Ratio Lower Upper
 77 100
 123 54.5 33.0 49.4#
 65 12.3 12.0 18.0





#25

Isophorone

Concen: 35.13 ng

RT: 7.78 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

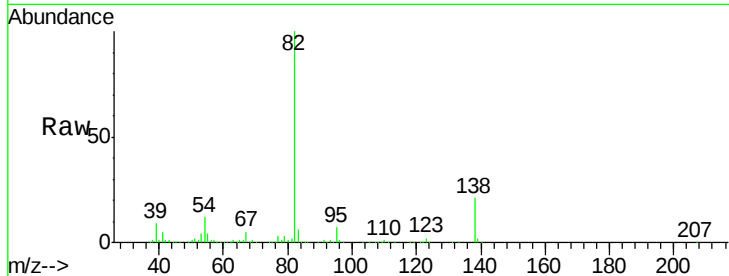
Tgt Ion: 82 Resp: 1058953

Ion Ratio Lower Upper

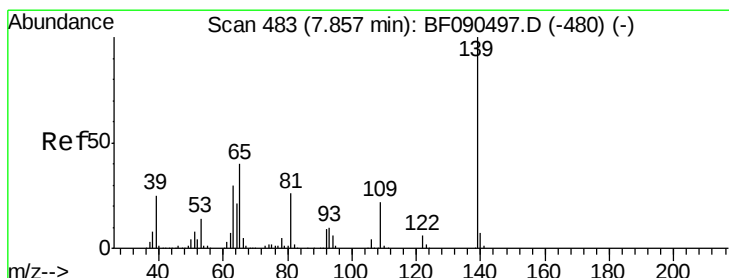
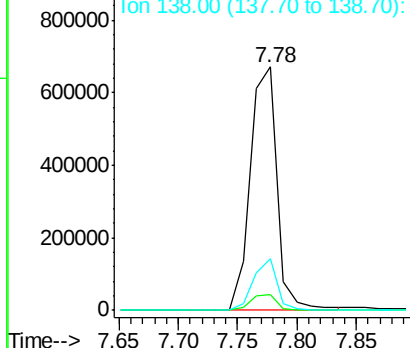
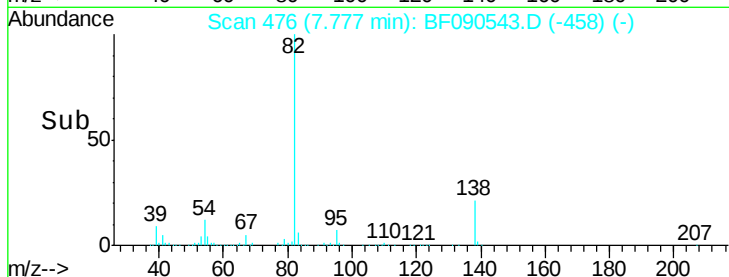
82 100

95 6.7 5.2 7.8

138 21.2 13.0 19.4#



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: 38.29 ng

RT: 7.85 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

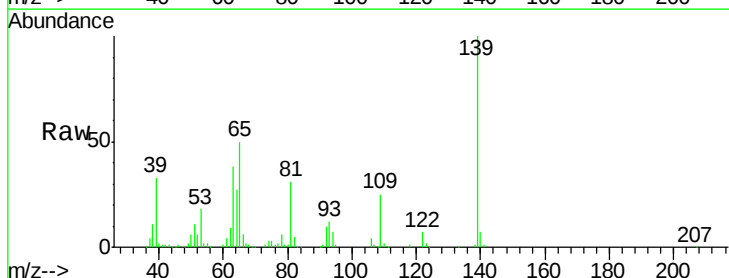
Tgt Ion: 139 Resp: 310344

Ion Ratio Lower Upper

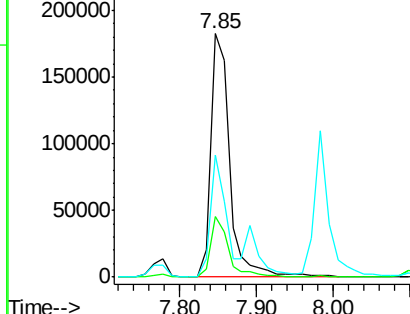
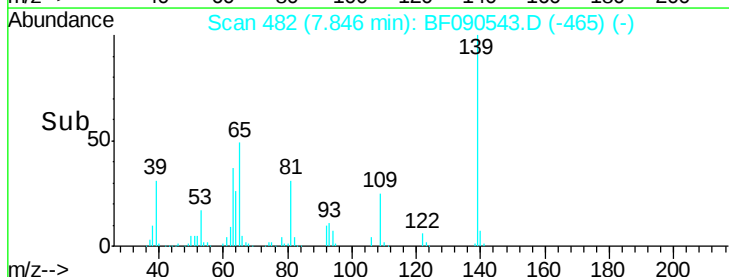
139 100

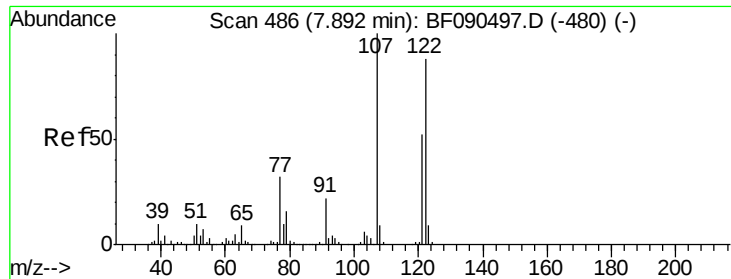
109 25.0 18.9 28.3

65 50.4 31.6 47.4#



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

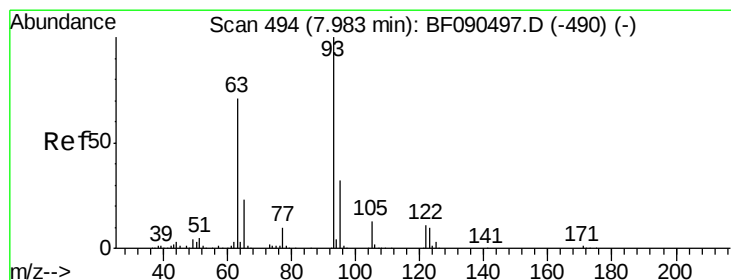
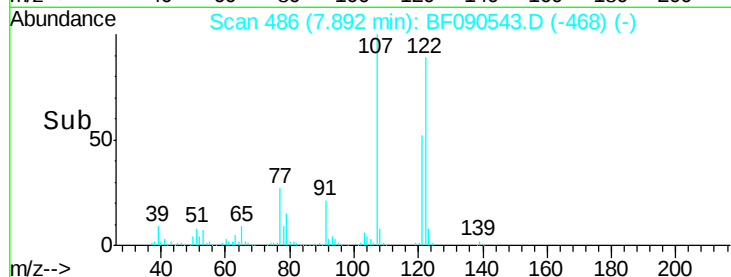
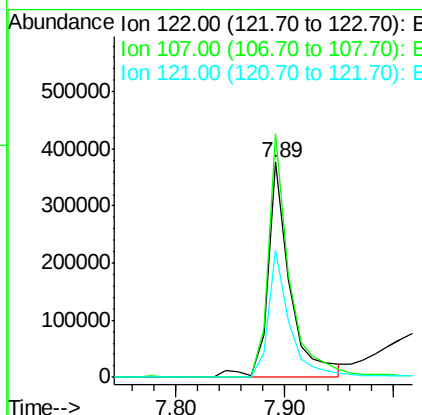
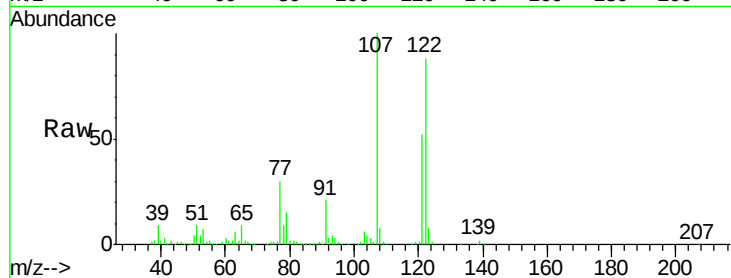




#27
 2,4-Dimethylphenol
 Concen: 39.11 ng
 RT: 7.89 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

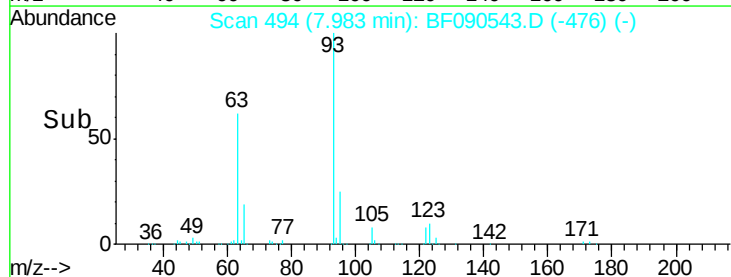
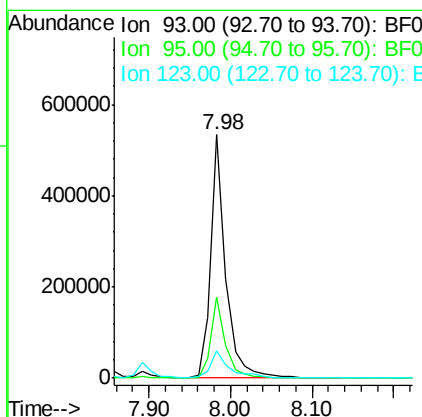
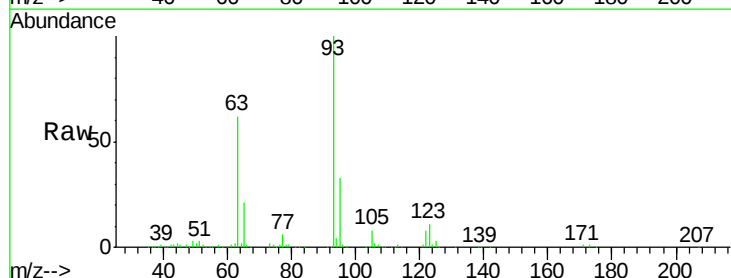
Instrument :
 BNA_F
 ClientSampled :
 PB93974BS

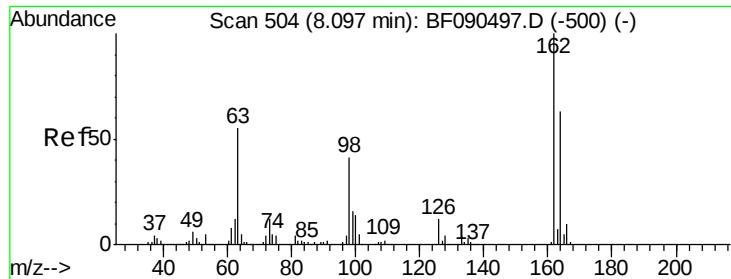
Tgt Ion:122 Resp: 538877
 Ion Ratio Lower Upper
 122 100
 107 113.1 88.6 132.8
 121 59.1 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.96 ng
 RT: 7.98 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion: 93 Resp: 688073
 Ion Ratio Lower Upper
 93 100
 95 33.4 27.0 40.4
 123 11.5 11.1 16.7

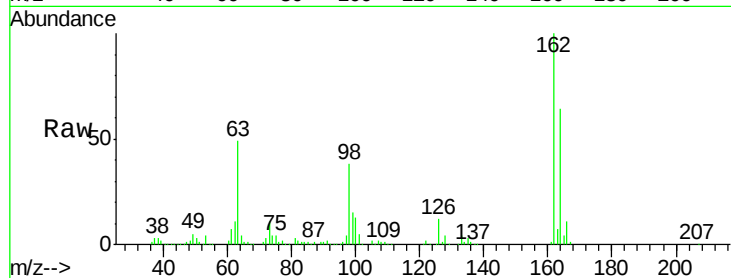




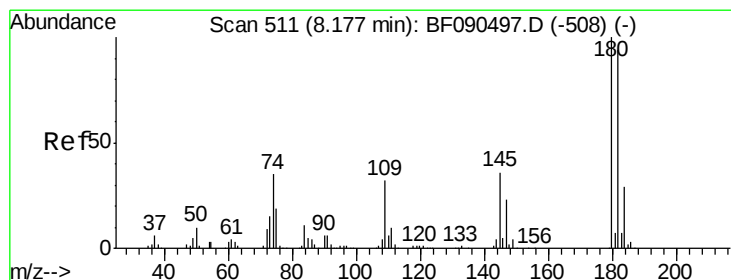
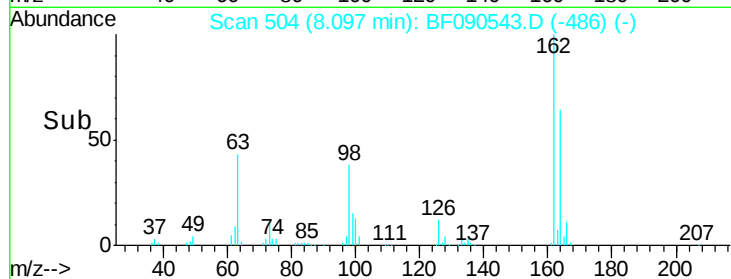
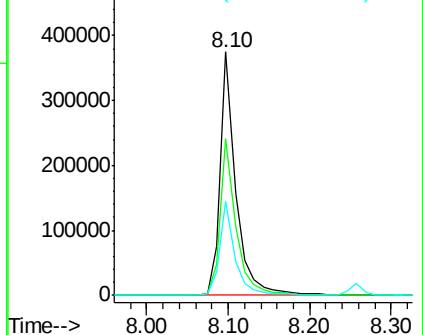
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 8.10 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.7	85.7
98	38.4	13.3	53.3

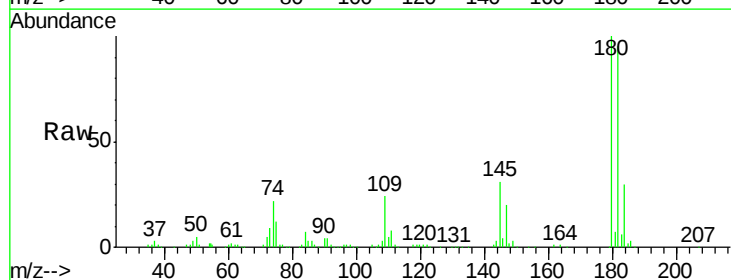


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

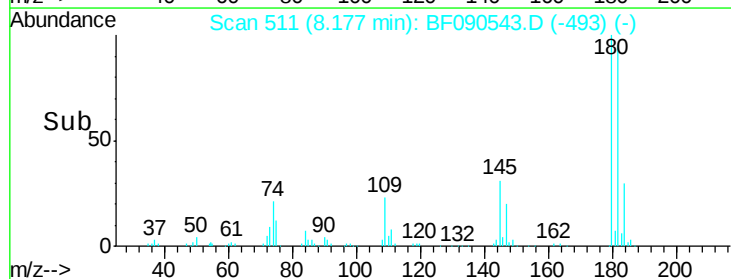
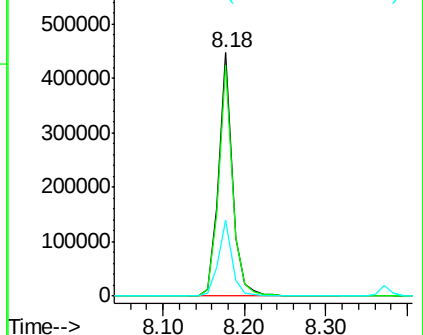


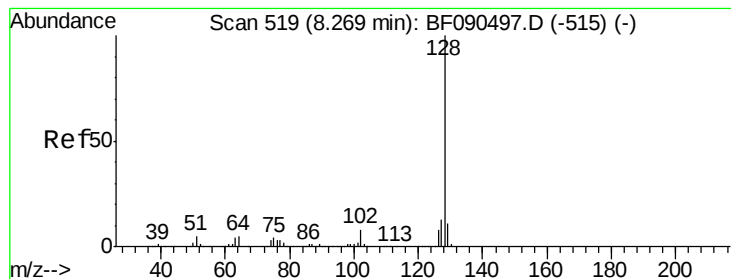
#30
 1,2,4-Trichlorobenzene
 Concen: 40.08 ng
 RT: 8.18 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.3	112.9
145	30.9	27.7	41.5



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





#31

Naphthalene

Concen: 37.22 ng

RT: 8.26 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

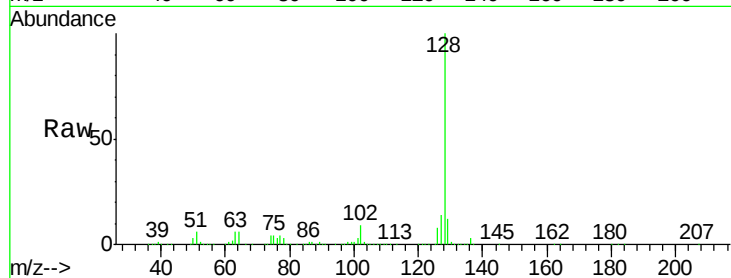
Tgt Ion:128 Resp: 1665853

Ion Ratio Lower Upper

128 100

129 11.8 9.7 14.5

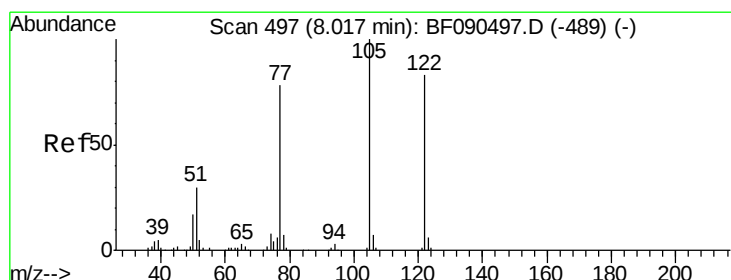
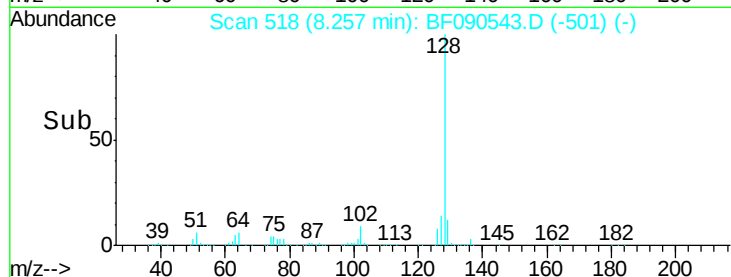
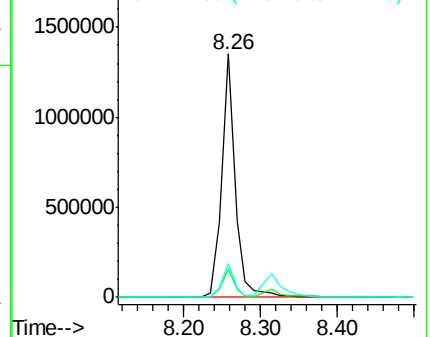
127 13.7 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.23 ng

RT: 8.03 min Scan# 498

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

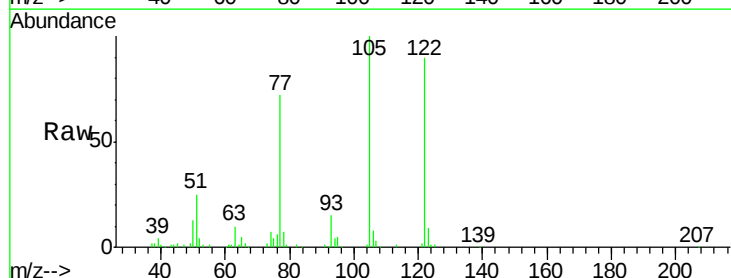
Tgt Ion:122 Resp: 296115

Ion Ratio Lower Upper

122 100

105 111.5 103.9 143.9

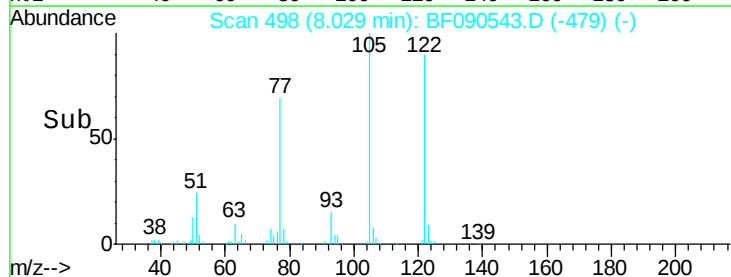
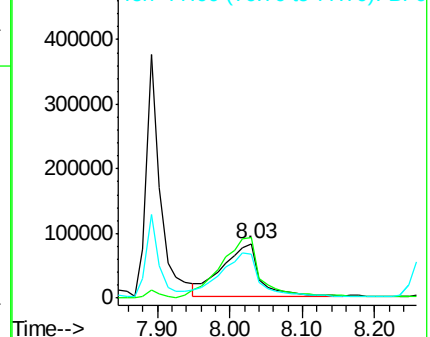
77 80.4 74.6 114.6

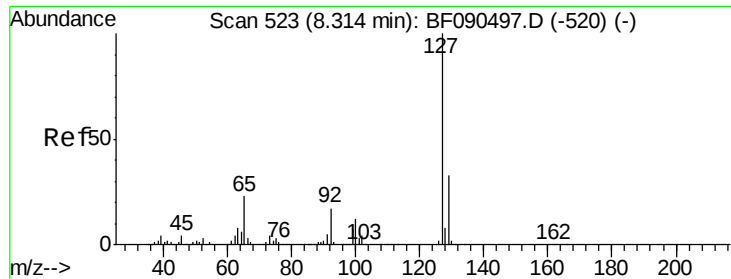


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 11.69 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampled :

PB93974BS

Tgt Ion:127 Resp: 221459

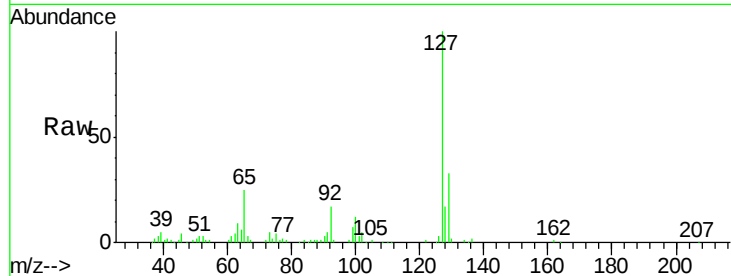
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.4

65 24.8 32.5 48.7#

92 16.9 17.2 25.8#

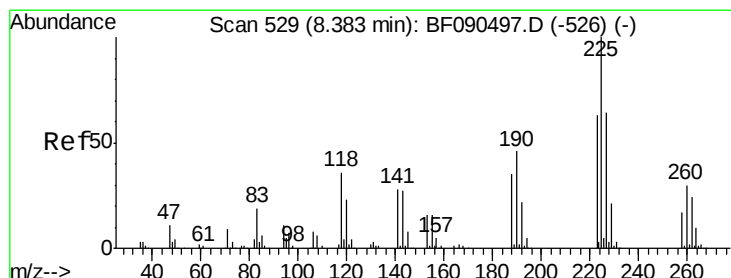
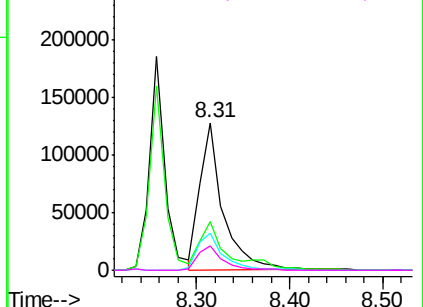
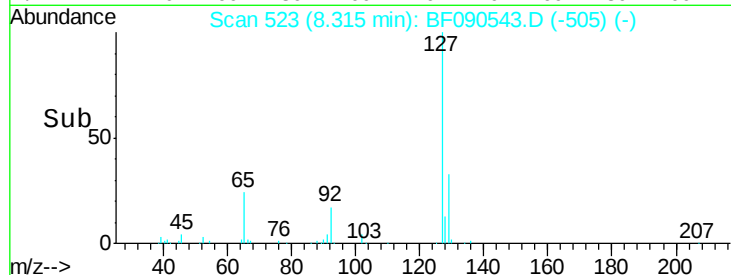


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.74 ng

RT: 8.37 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

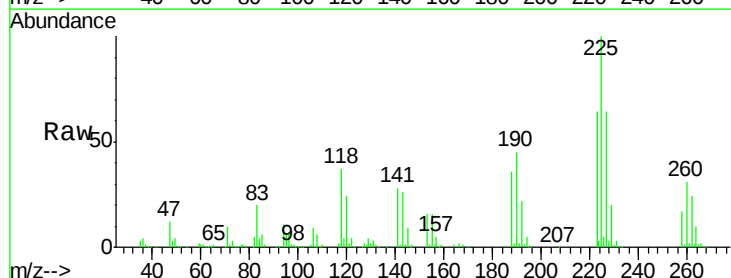
Tgt Ion:225 Resp: 279284

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.4

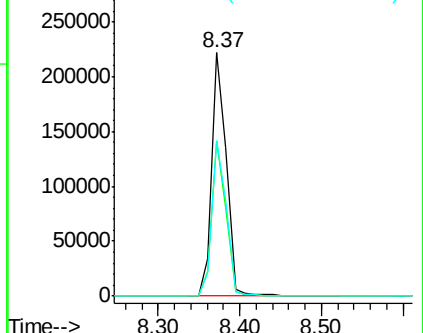
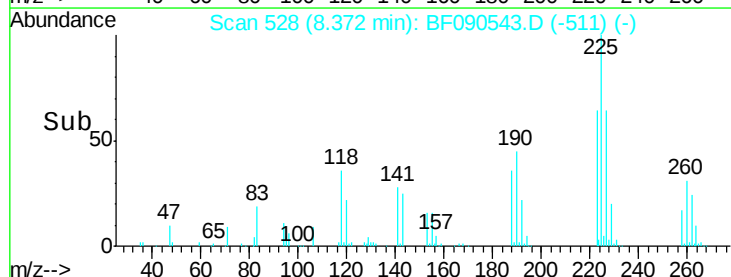
227 63.6 50.8 76.2

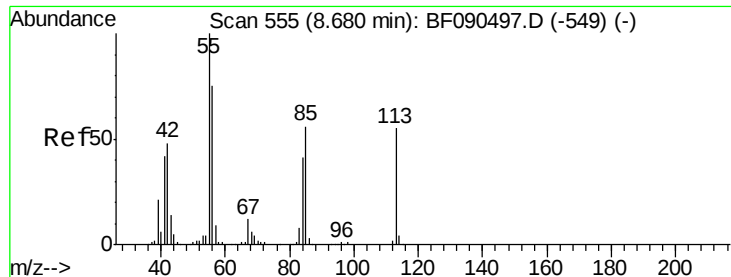


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

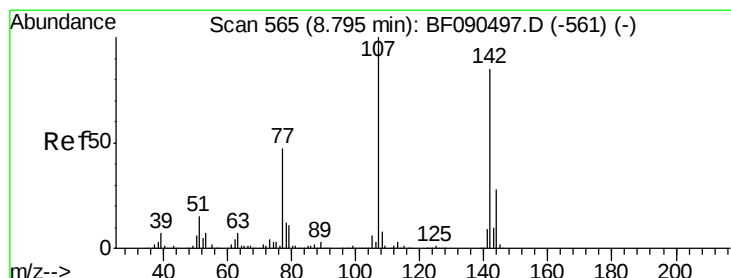
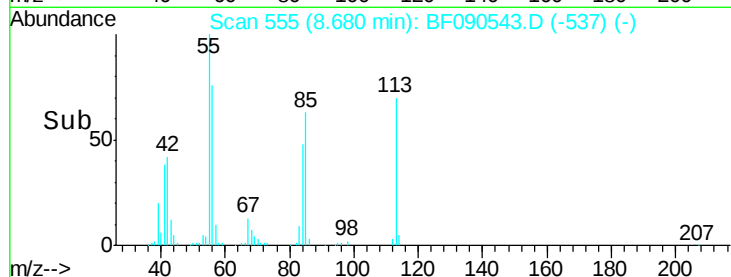
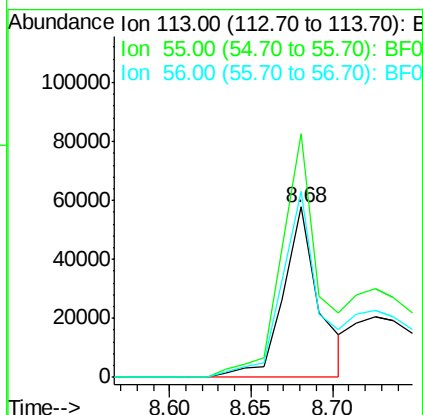
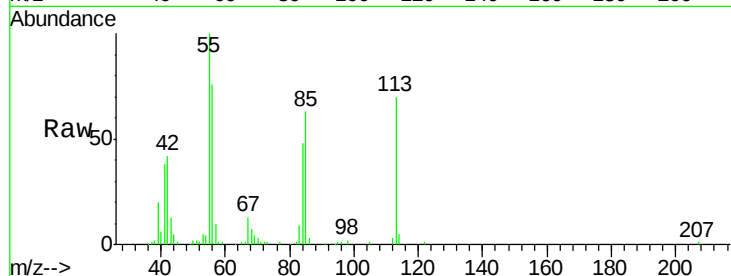




#35
 Caprolactam
 Concen: 23.52 ng
 RT: 8.68 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

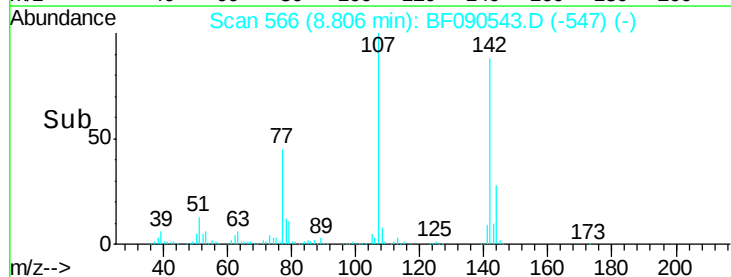
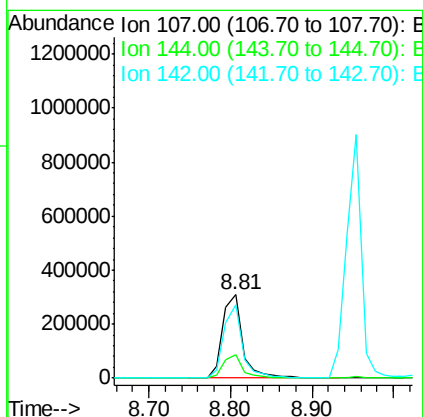
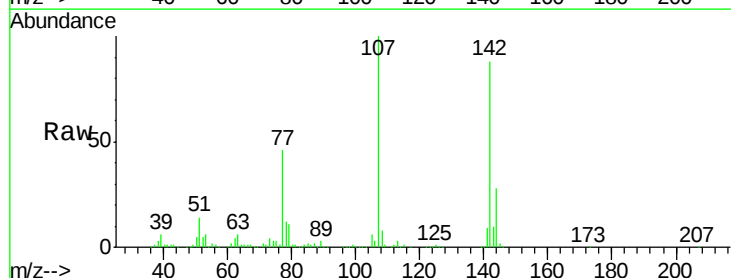
Instrument :
 BNA_F
 ClientSampled :
 PB93974BS

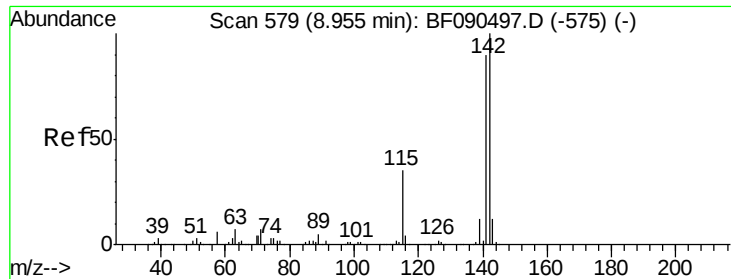
Tgt Ion:113 Resp: 87879
 Ion Ratio Lower Upper
 113 100
 55 143.0 203.3 243.3#
 56 109.1 140.5 180.5#



#36
 4-Chloro-3-methylphenol
 Concen: 39.34 ng
 RT: 8.81 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:107 Resp: 529332
 Ion Ratio Lower Upper
 107 100
 144 27.9 19.8 29.8
 142 88.0 60.7 91.1

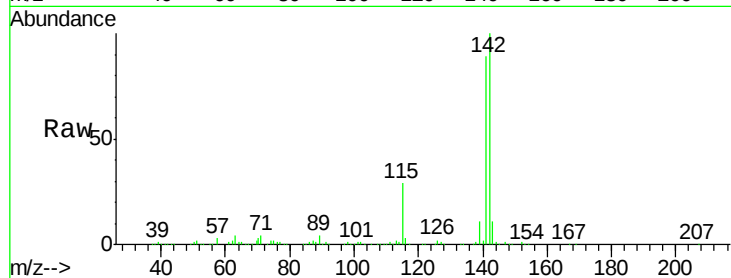




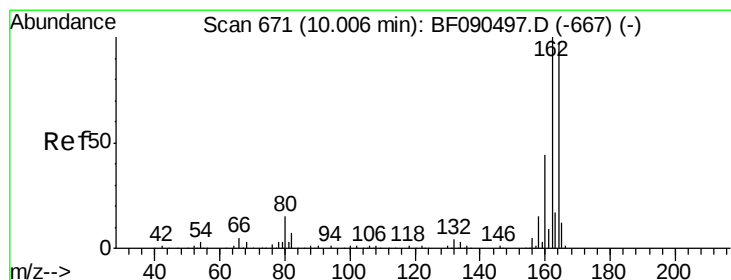
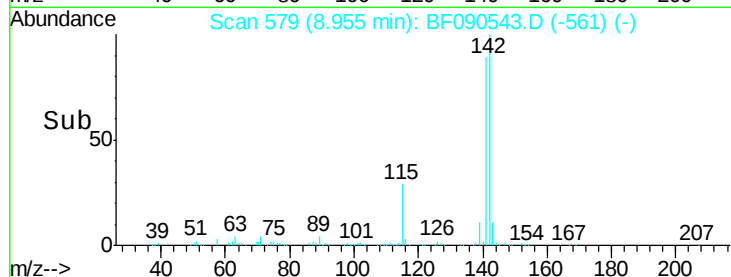
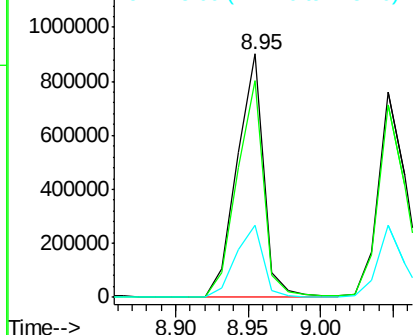
#37
2-Methylnaphthalene
Concen: 38.11 ng
RT: 8.95 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tgt Ion:142 Resp: 1144881
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.8
115 29.5 28.8 43.2

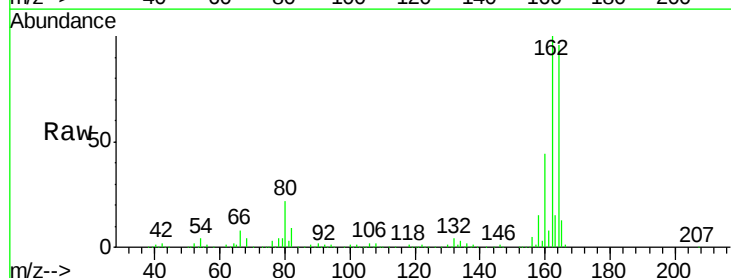


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

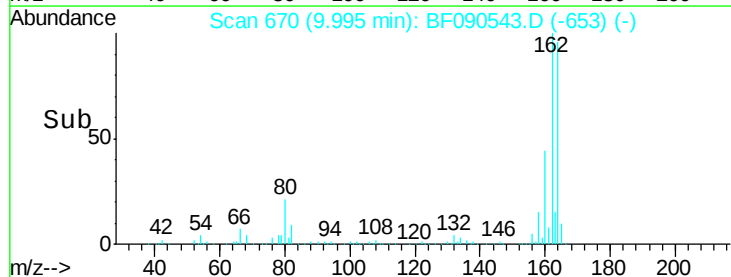
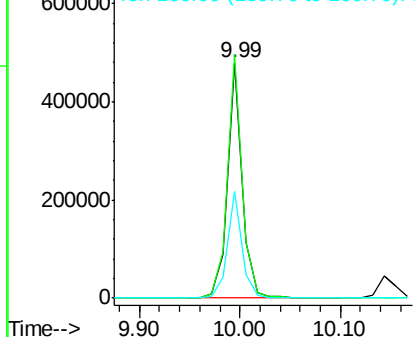


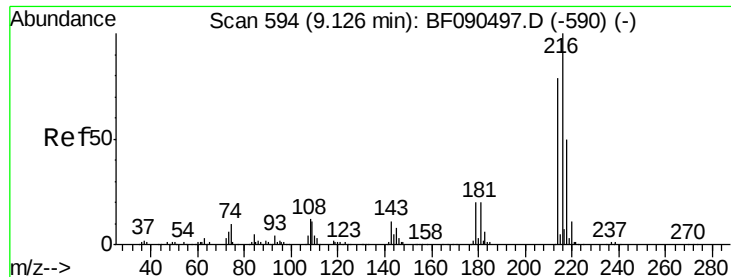
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:164 Resp: 489045
Ion Ratio Lower Upper
164 100
162 103.7 80.1 120.1
160 45.7 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

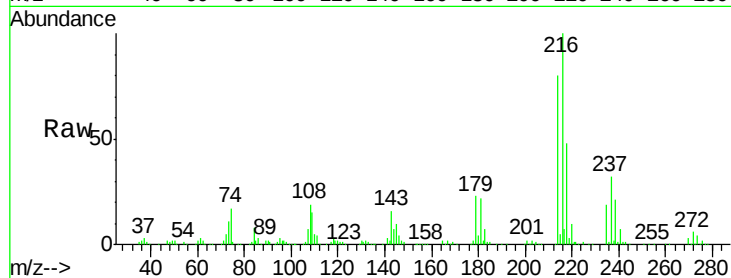




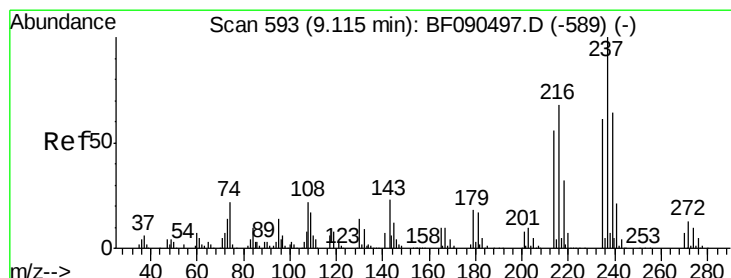
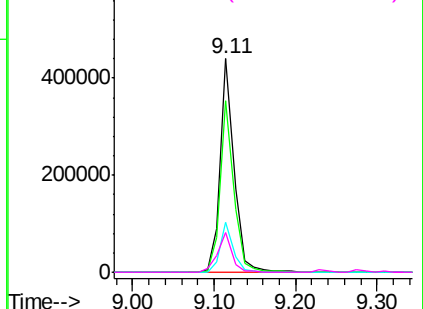
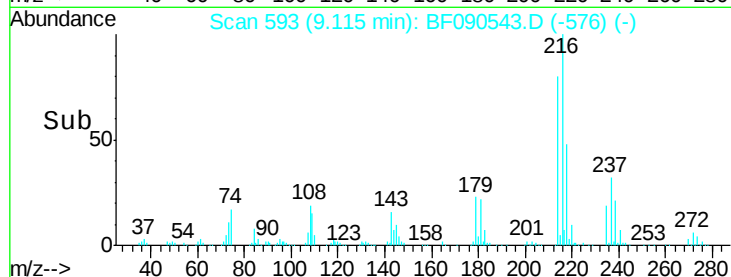
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.74 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tgt Ion:	216	Resp:	516731
Ion	Ratio	Lower	Upper
216	100		
214	79.2	64.2	96.2
179	22.0	18.0	27.0
108	19.8	15.2	22.8

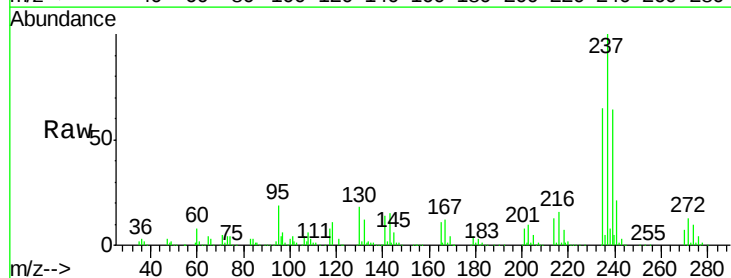


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

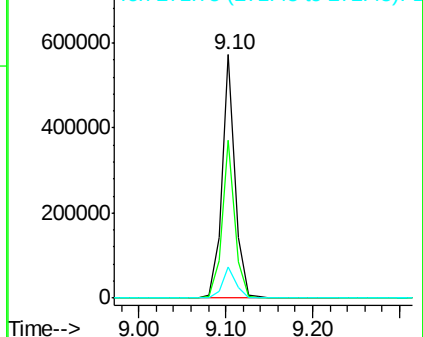
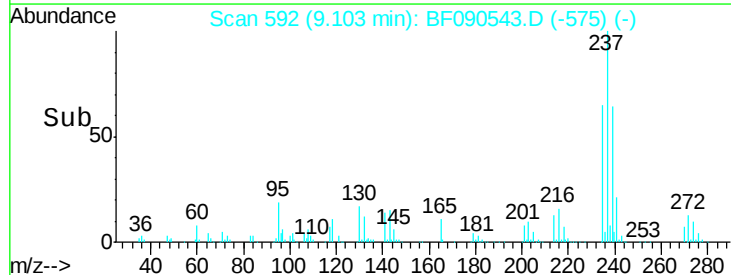


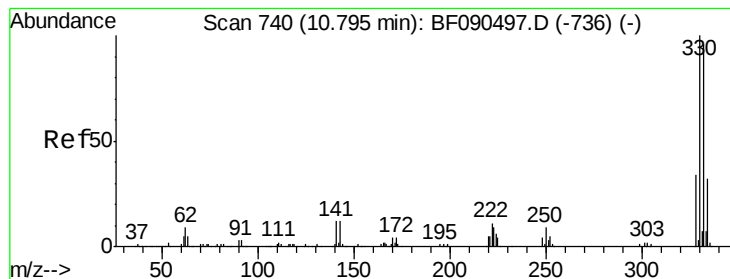
#40
 Hexachlorocyclopentadiene
 Concen: 88.78 ng
 RT: 9.10 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:	237	Resp:	603323
Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.6	83.6
272	12.9	0.0	32.7



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: 129.25 ng

RT: 10.79 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

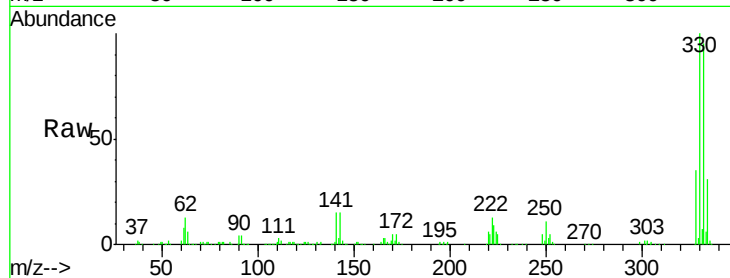
Tgt Ion:330 Resp: 626569

Ion Ratio Lower Upper

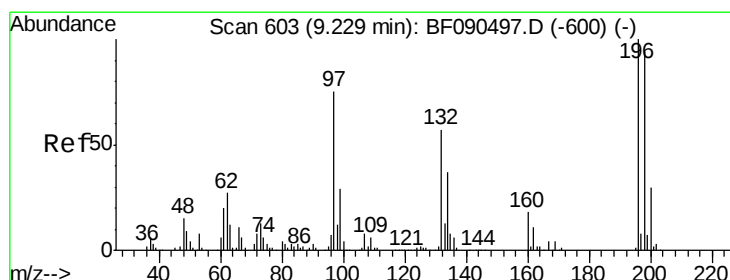
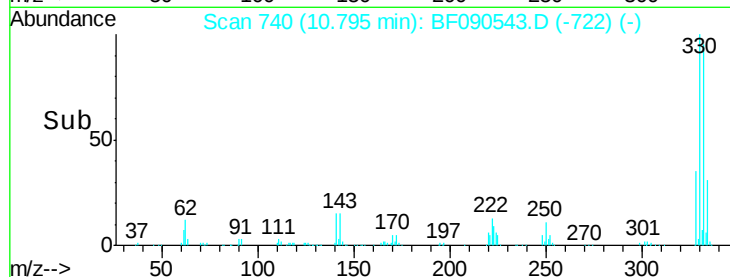
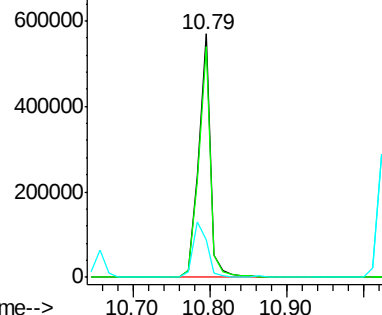
330 100

332 95.2 75.4 113.0

141 27.2 26.9 40.3



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



#42

2,4,6-Trichlorophenol

Concen: 37.39 ng

RT: 9.23 min Scan# 603

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

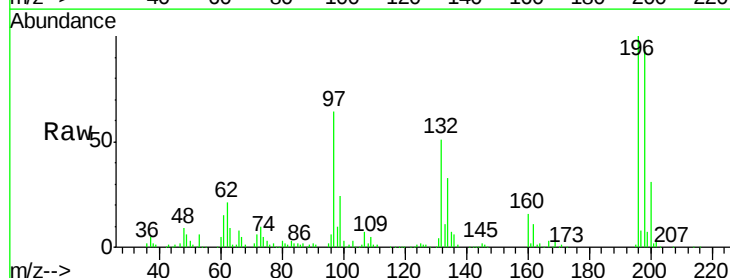
Tgt Ion:196 Resp: 345113

Ion Ratio Lower Upper

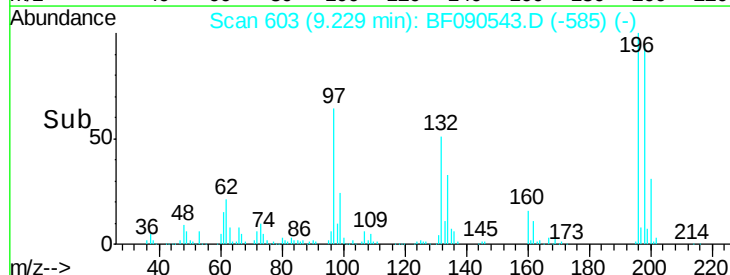
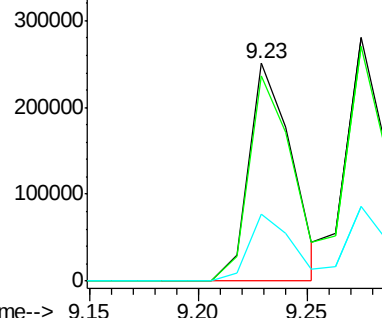
196 100

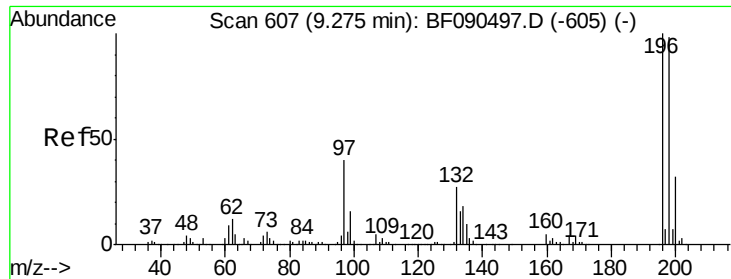
198 94.4 78.9 118.3

200 30.7 25.4 38.2



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

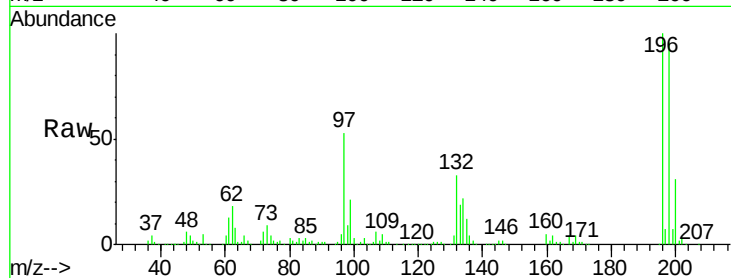




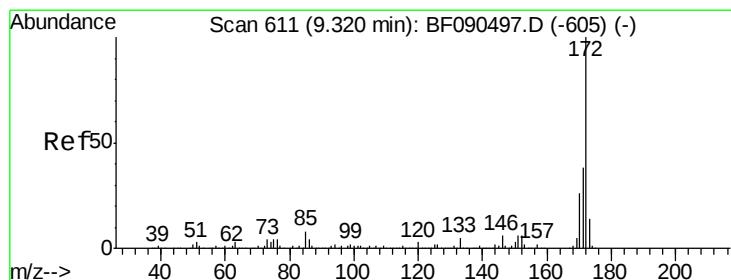
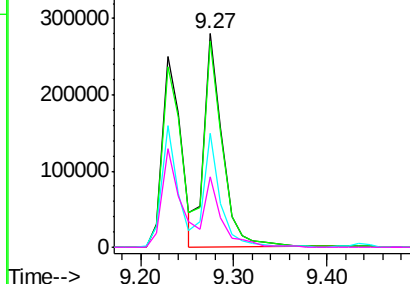
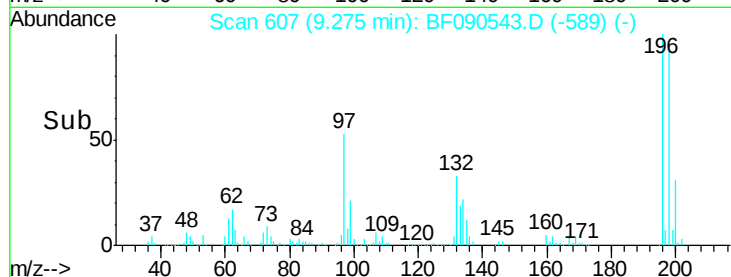
#43
2,4,5-Trichlorophenol
Concen: 42.61 ng
RT: 9.27 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tgt Ion:196 Resp: 389298
Ion Ratio Lower Upper
196 100
198 96.5 78.1 117.1
97 53.4 48.1 72.1
132 32.9 27.4 41.2

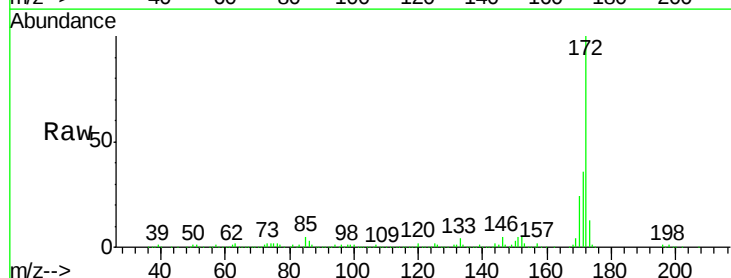


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

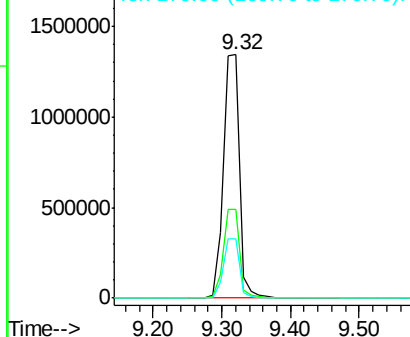
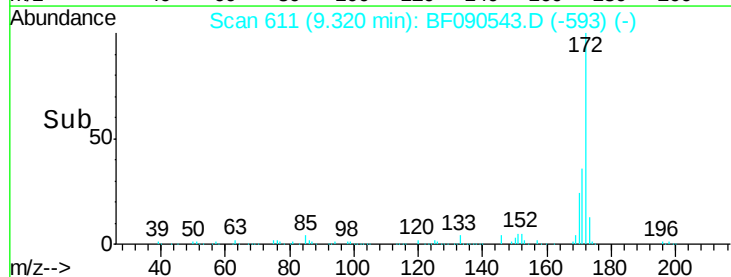


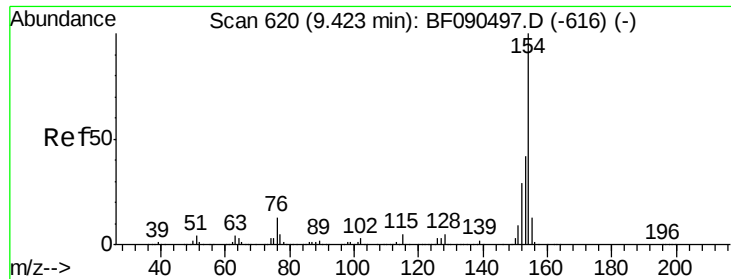
#44
2-Fluorobiphenyl
Concen: 77.04 ng
RT: 9.32 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:172 Resp: 2242104
Ion Ratio Lower Upper
172 100
171 36.4 31.8 47.8
170 24.3 21.7 32.5



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

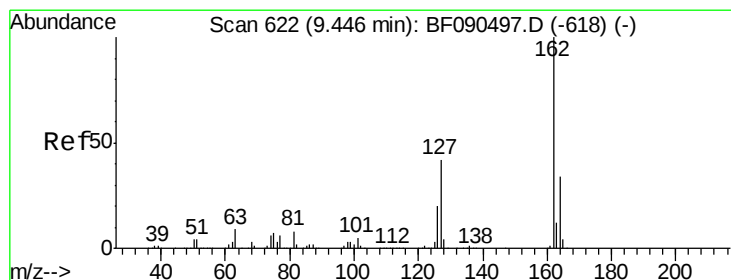
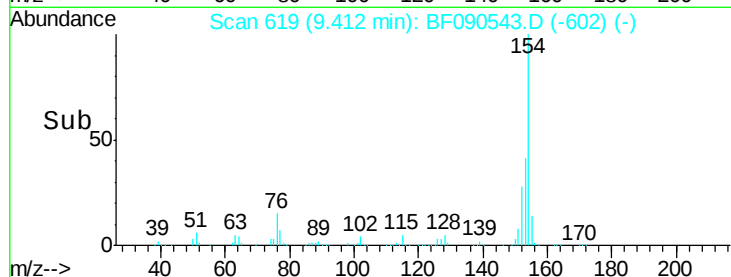
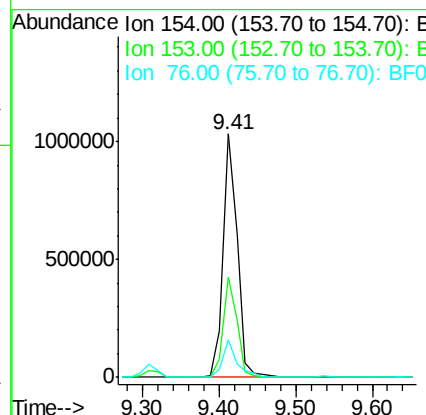
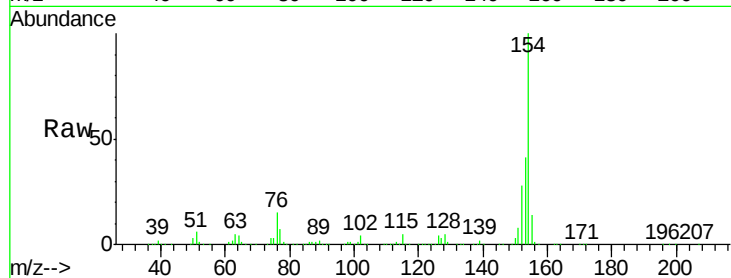




#45
 1,1'-Biphenyl
 Concen: 35.77 ng
 RT: 9.41 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

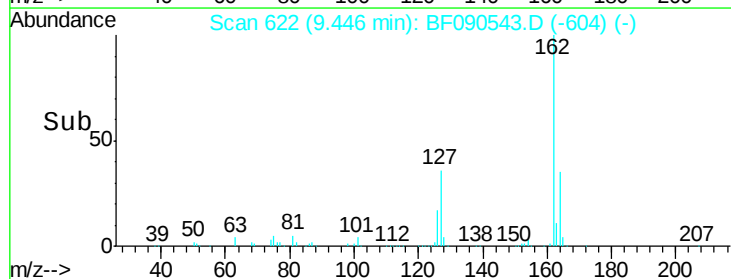
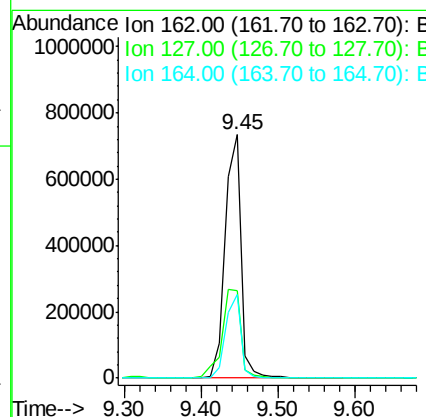
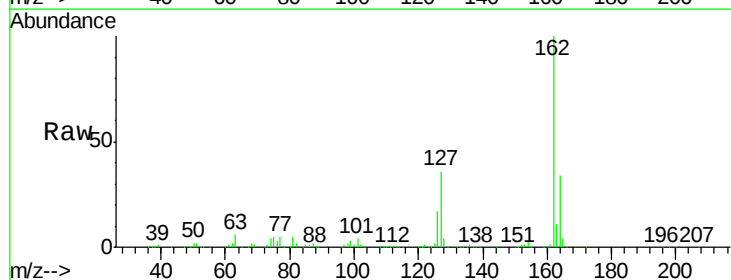
Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

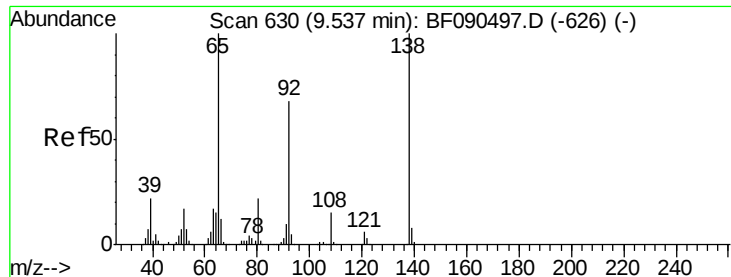
Tgt Ion:154 Resp: 1336033
 Ion Ratio Lower Upper
 154 100
 153 41.3 23.8 63.8
 76 15.2 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 38.49 ng
 RT: 9.45 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:162 Resp: 1069562
 Ion Ratio Lower Upper
 162 100
 127 35.7 35.6 53.4
 164 34.2 27.5 41.3

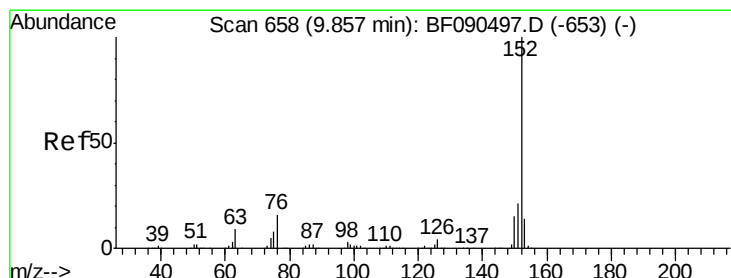
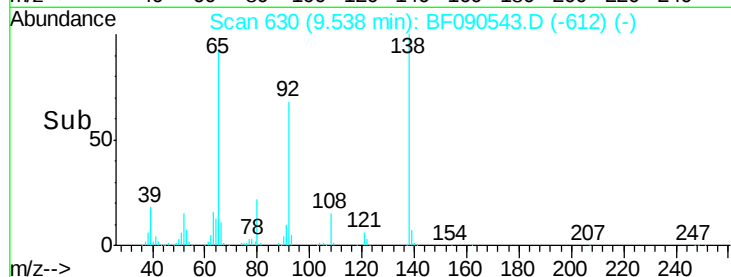
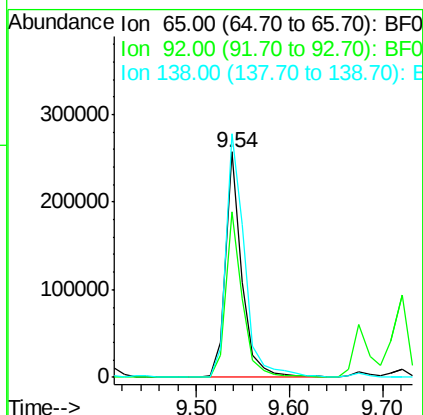
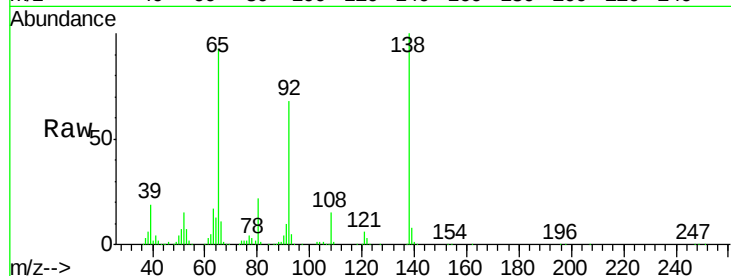




#47
2-Nitroaniline
Concen: 31.64 ng
RT: 9.54 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

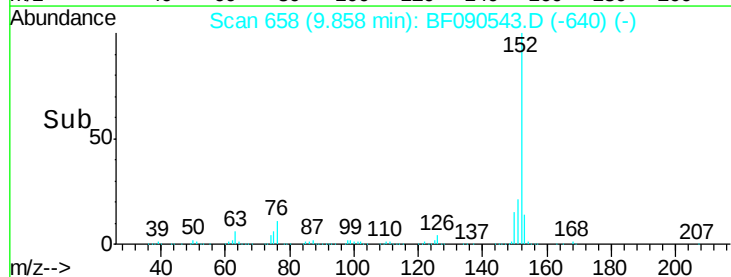
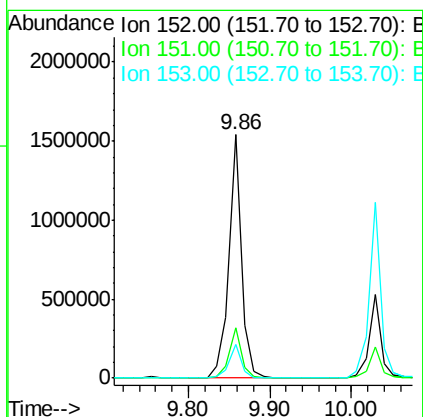
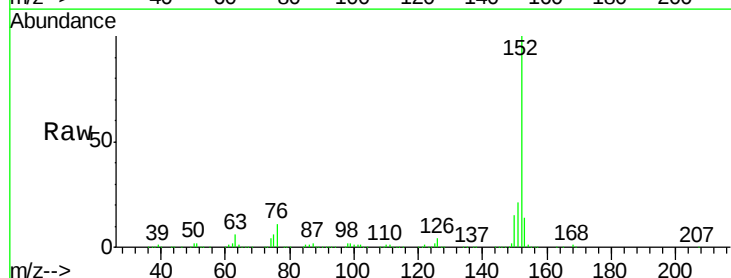
Instrument :
BNA_F
ClientSampleId :
PB93974BS

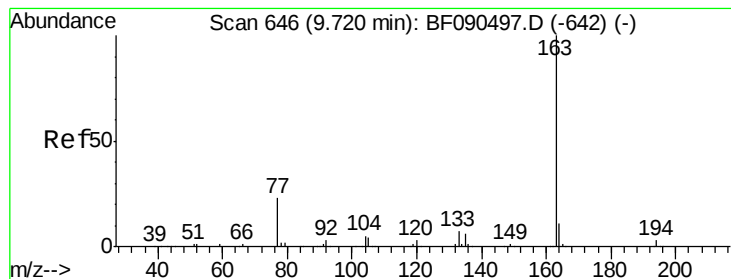
Tgt Ion: 65 Resp: 313591
Ion Ratio Lower Upper
65 100
92 73.5 51.7 77.5
138 108.0 79.0 118.4



#48
Acenaphthylene
Concen: 36.80 ng
RT: 9.86 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion: 152 Resp: 1649762
Ion Ratio Lower Upper
152 100
151 20.6 17.4 26.0
153 13.8 11.6 17.4





#49

Dimethylphthalate

Concen: 41.17 ng

RT: 9.72 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

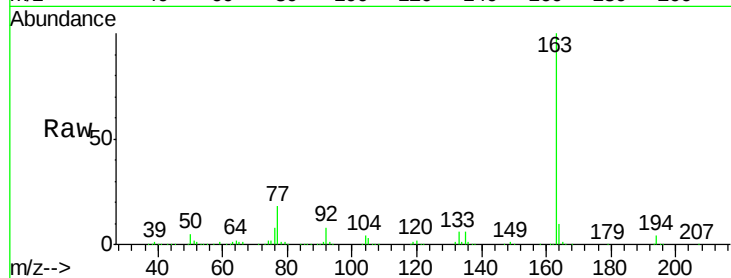
Tgt Ion:163 Resp: 1354022

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

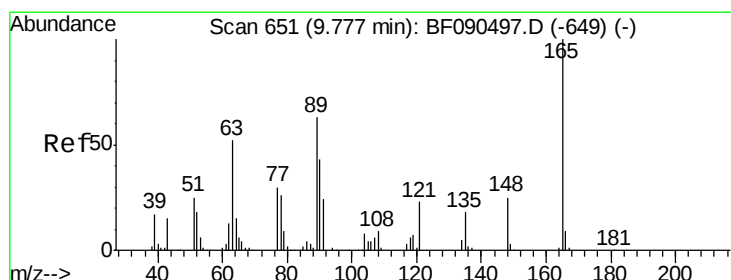
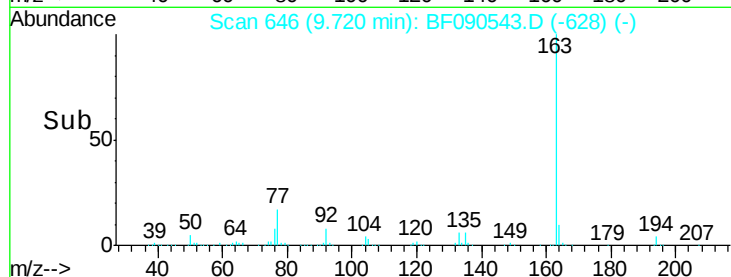
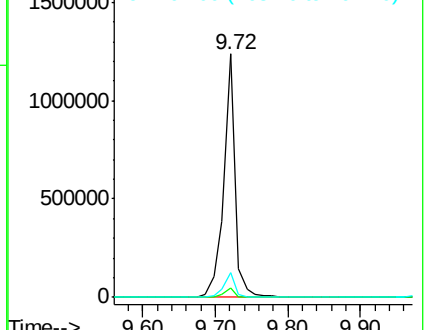
164 10.4 9.0 13.4



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: 39.68 ng

RT: 9.78 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

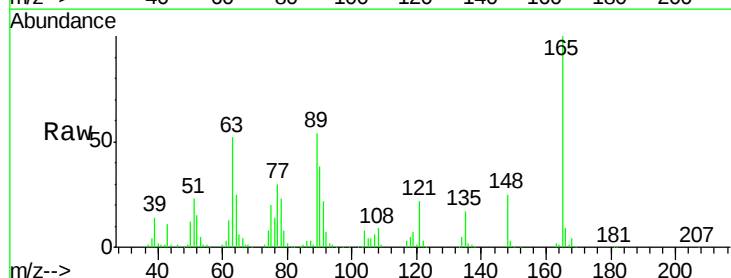
Tgt Ion:165 Resp: 288168

Ion Ratio Lower Upper

165 100

63 52.3 58.0 87.0#

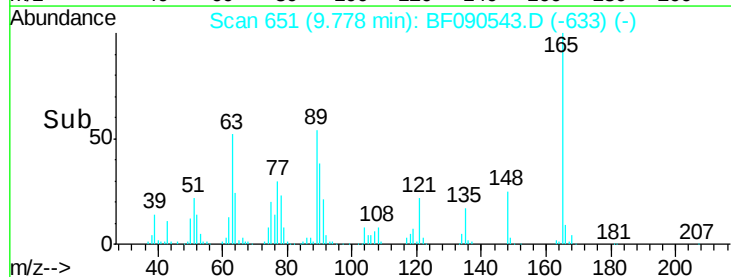
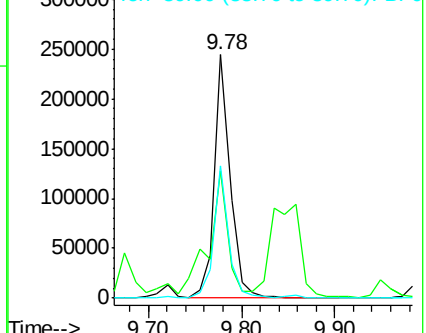
89 54.4 51.2 76.8

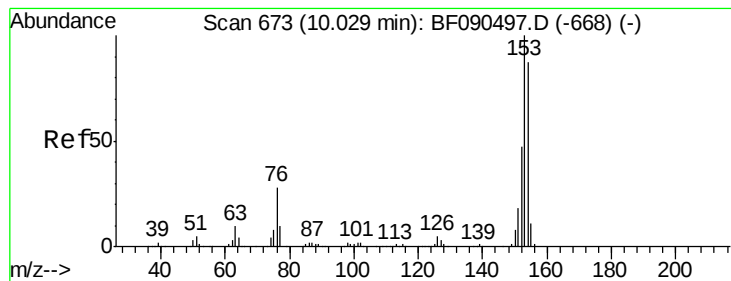


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.07 ng

RT: 10.03 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

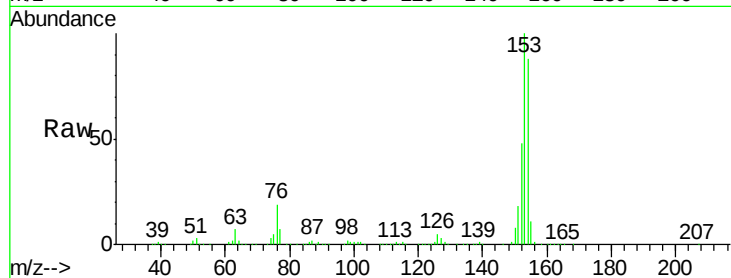
Tgt Ion:154 Resp: 1144037

Ion Ratio Lower Upper

154 100

153 114.2 88.6 133.0

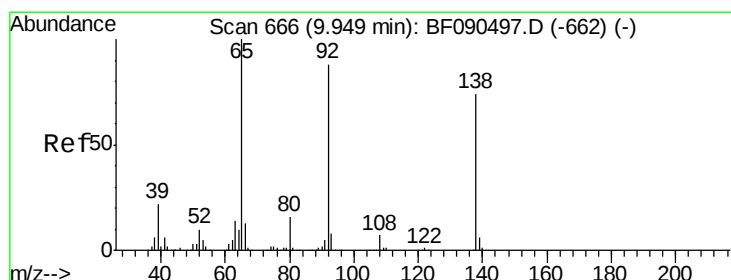
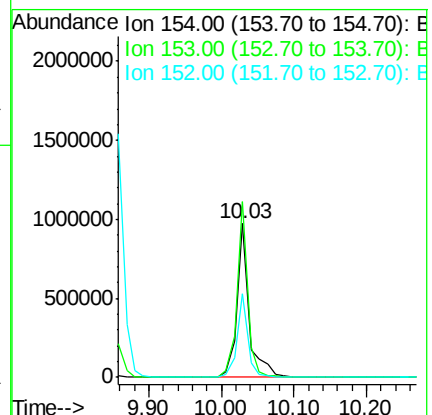
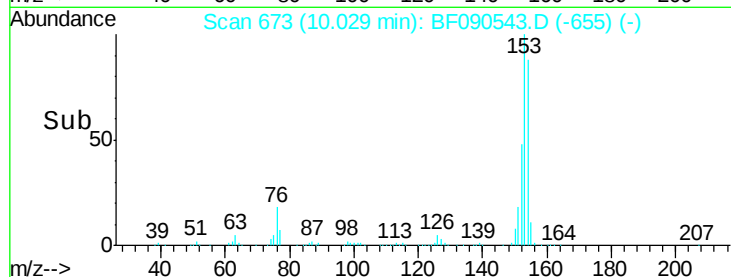
152 54.7 42.6 64.0



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: 16.34 ng

RT: 9.95 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

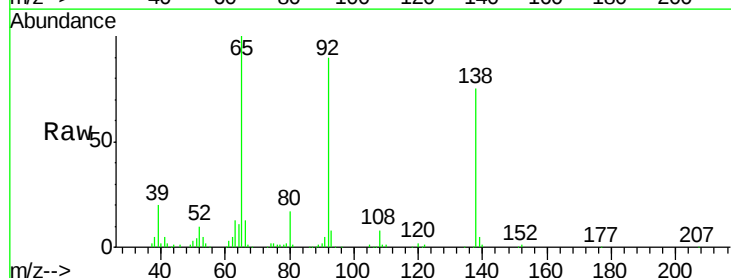
Tgt Ion:138 Resp: 147243

Ion Ratio Lower Upper

138 100

108 10.5 9.7 14.5

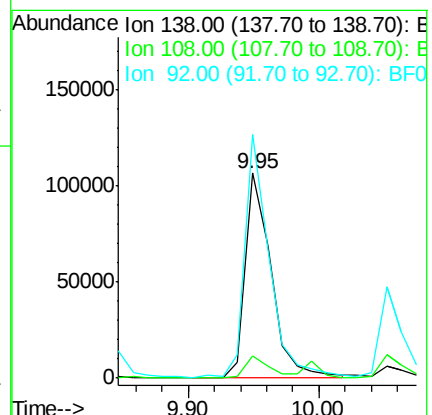
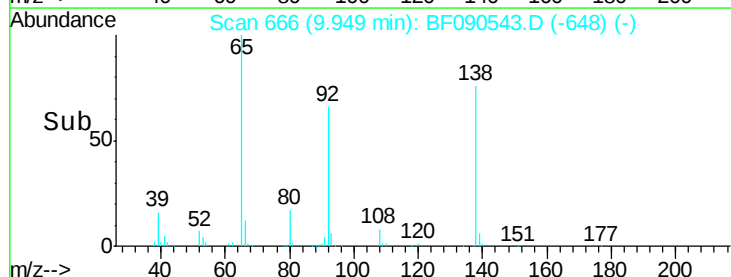
92 118.8 97.1 145.7

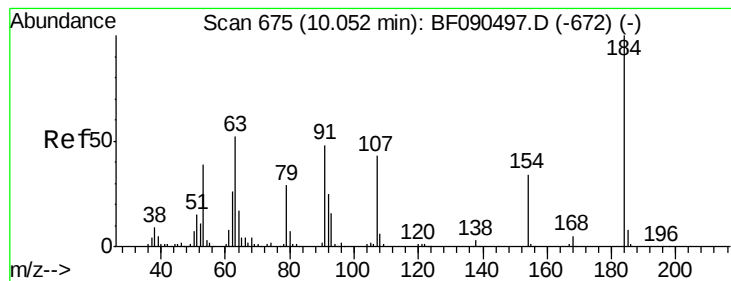


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 64.57 ng

RT: 10.05 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

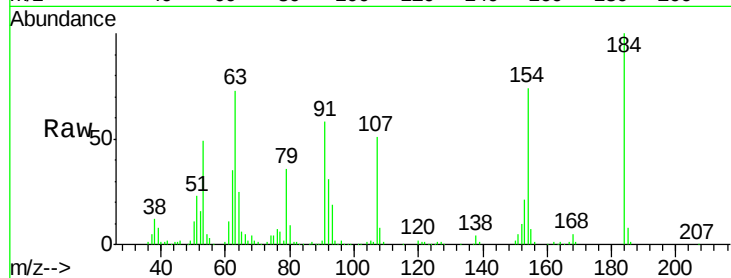
Tgt Ion:184 Resp: 260195

Ion Ratio Lower Upper

184 100

63 72.8 41.9 62.9#

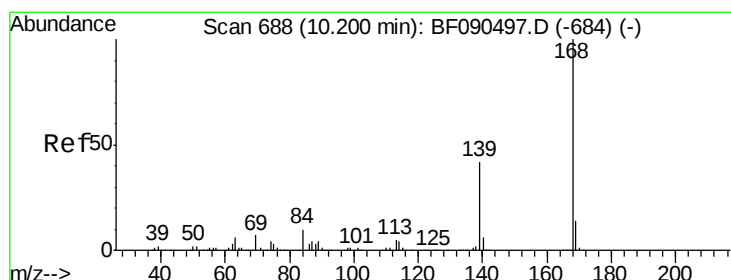
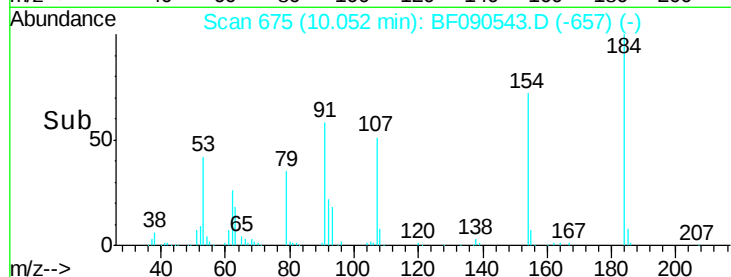
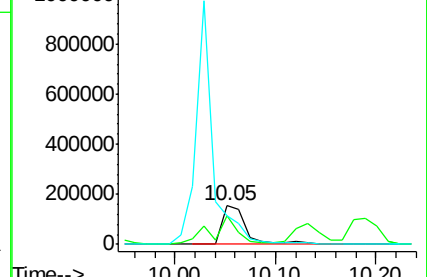
154 74.5 48.9 73.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 37.02 ng

RT: 10.20 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

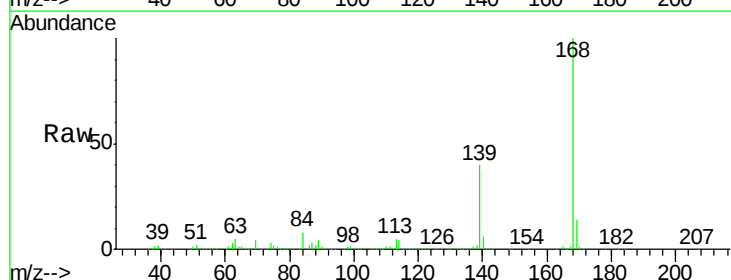
Tgt Ion:168 Resp: 1480099

Ion Ratio Lower Upper

168 100

139 40.1 29.6 44.4

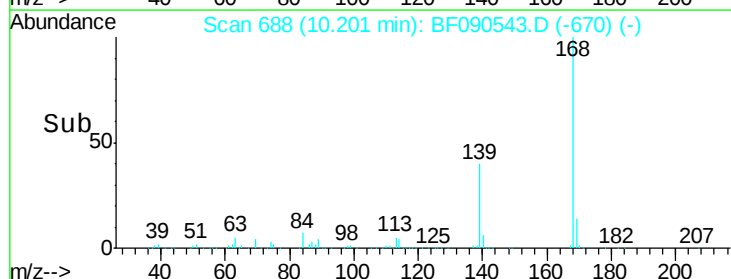
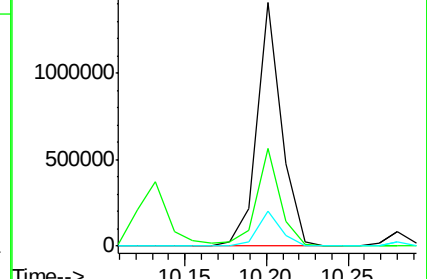
169 14.2 11.3 16.9

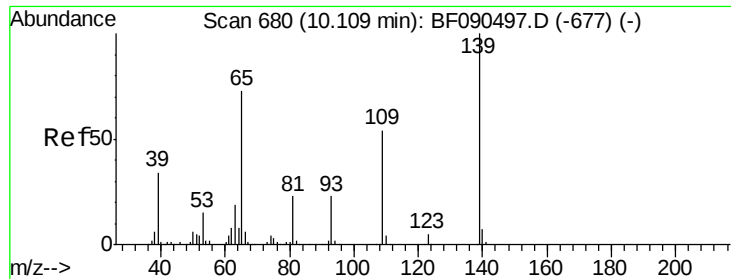


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 71.40 ng

RT: 10.13 min Scan# 682

Delta R.T. 0.02 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

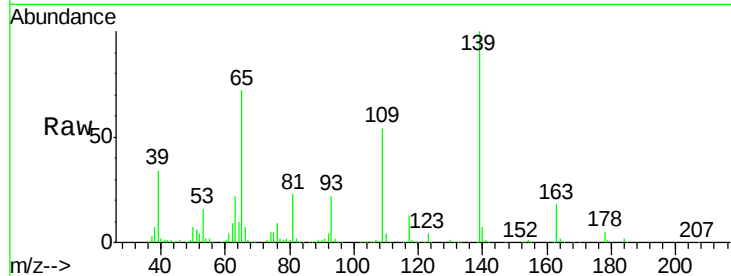
Tgt Ion:139 Resp: 499916

Ion Ratio Lower Upper

139 100

109 53.7 43.6 83.6

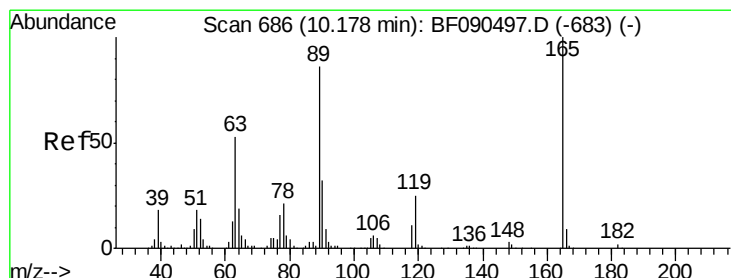
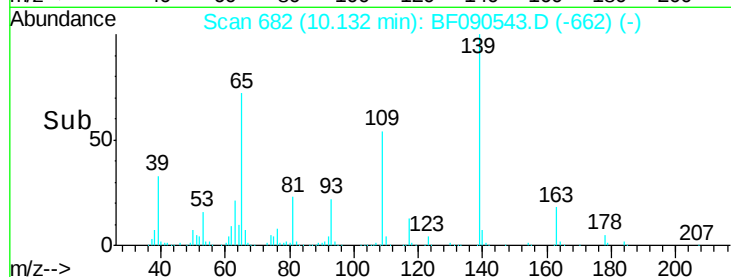
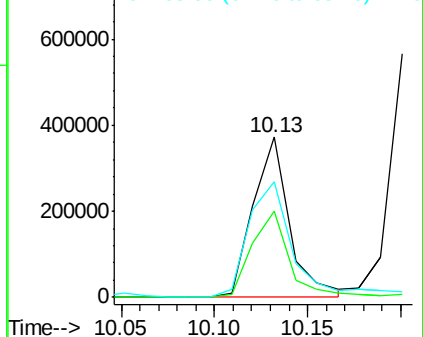
65 72.5 87.5 127.5#



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: 44.76 ng

RT: 10.19 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:165 Resp: 429963

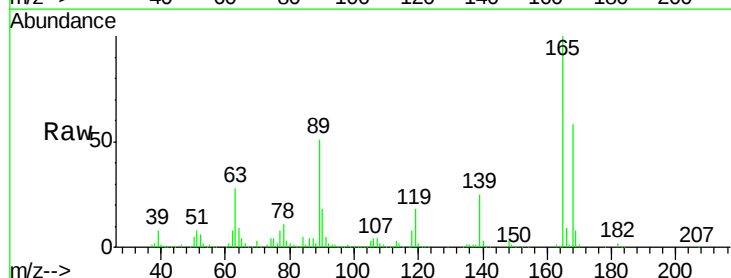
Ion Ratio Lower Upper

165 100

63 27.8 17.8 26.6#

89 51.0 33.2 49.8#

182 2.4 2.1 3.1

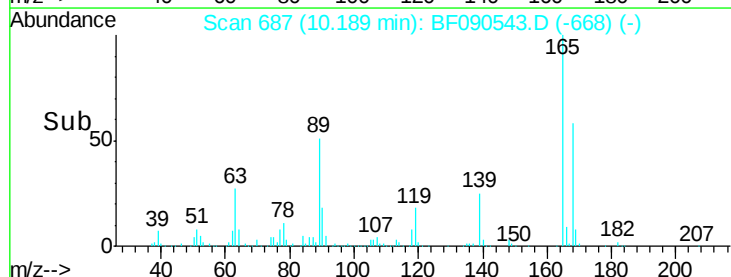
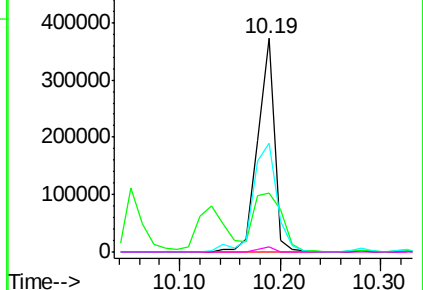


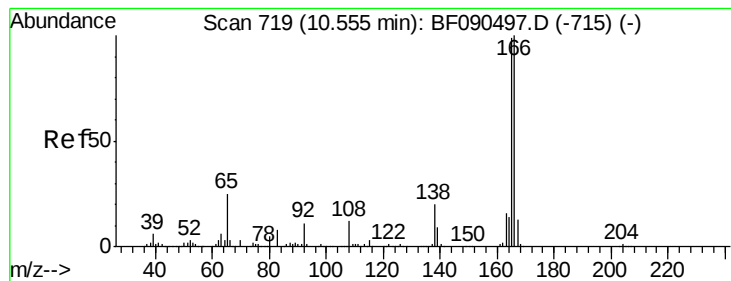
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 36.41 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

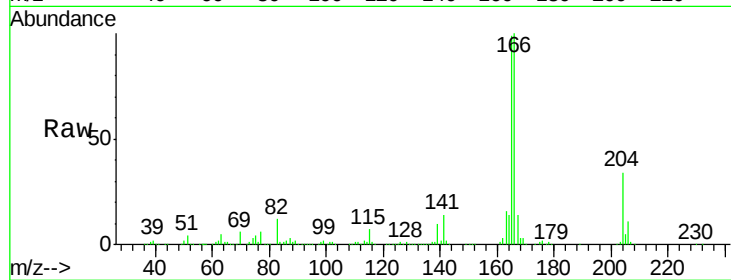
Tgt Ion:166 Resp: 1188663

Ion Ratio Lower Upper

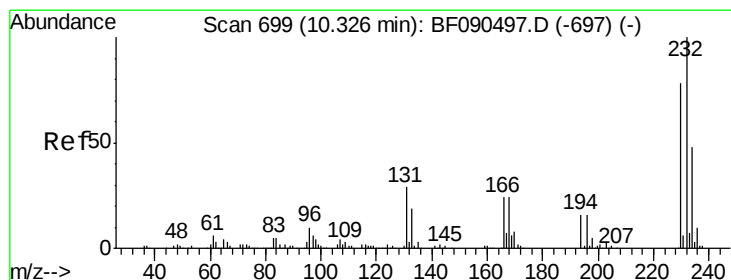
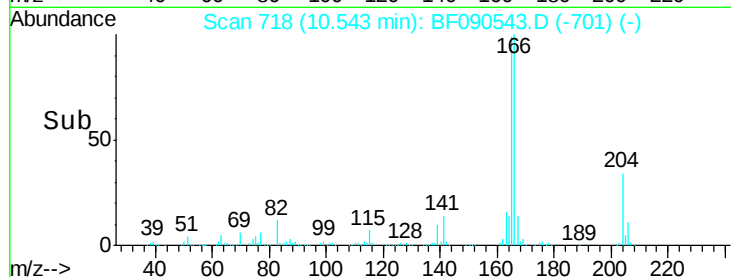
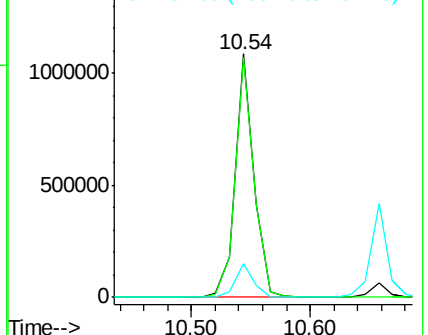
166 100

165 98.5 79.2 118.8

167 14.0 11.1 16.7



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: 42.63 ng

RT: 10.33 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion:232 Resp: 324874

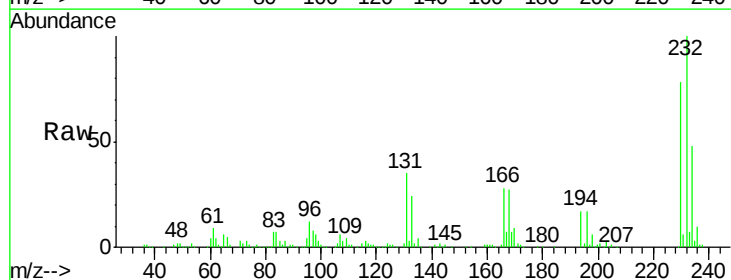
Ion Ratio Lower Upper

232 100

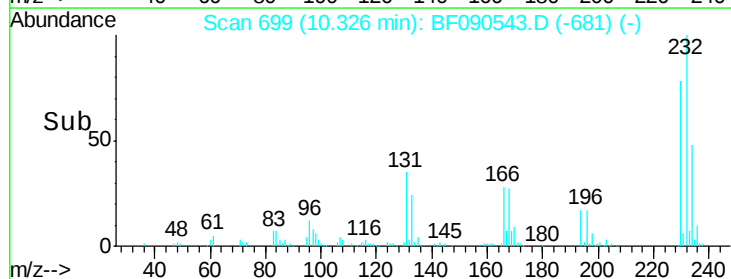
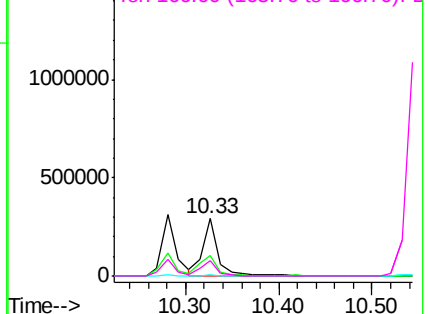
131 42.9 34.5 51.7

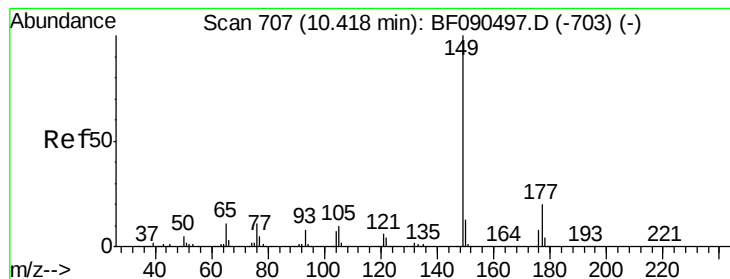
130 1.9 1.6 2.4

166 29.7 23.8 35.8



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: 37.84 ng

RT: 10.42 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

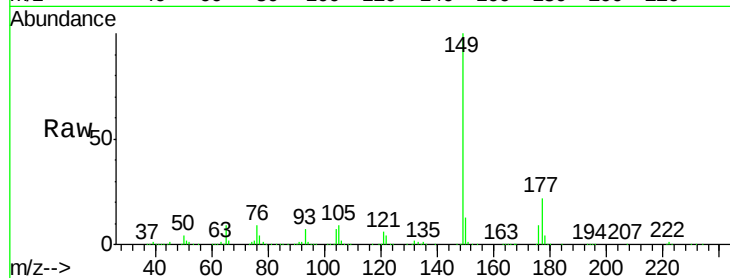
Tgt Ion:149 Resp: 1265636

Ion Ratio Lower Upper

149 100

177 22.2 21.1 31.7

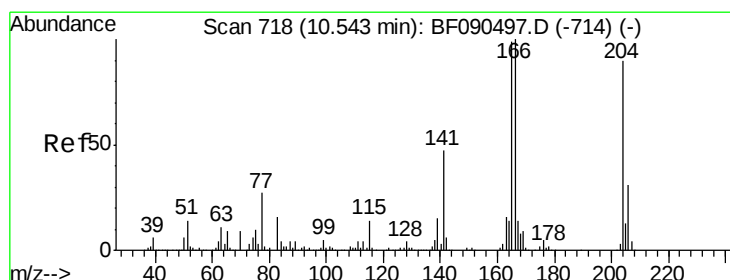
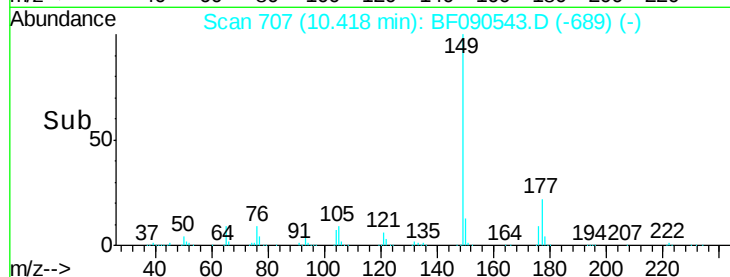
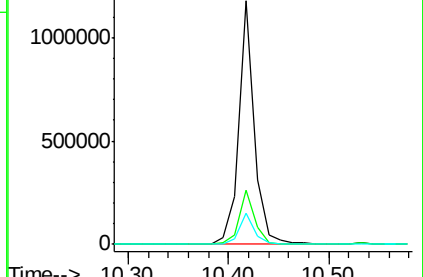
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.43 ng

RT: 10.53 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

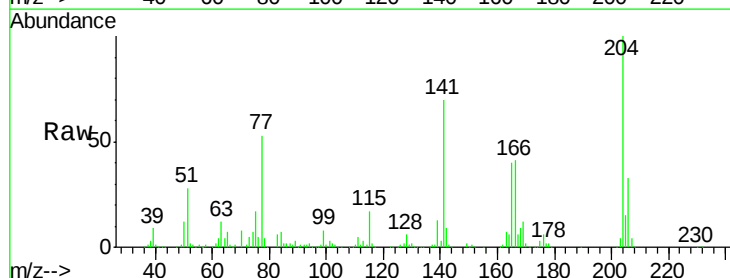
Tgt Ion:204 Resp: 593893

Ion Ratio Lower Upper

204 100

206 32.6 26.7 40.1

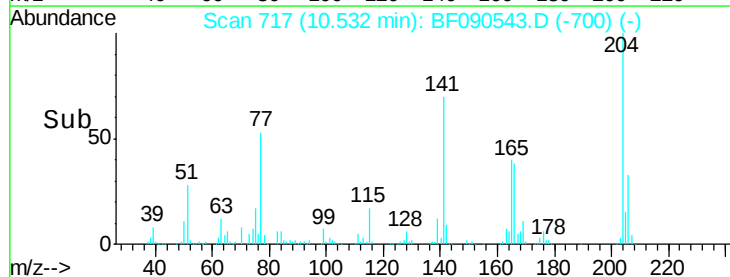
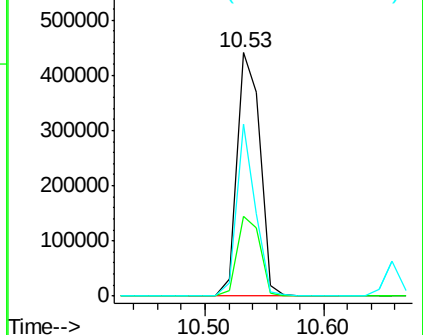
141 70.5 51.7 77.5

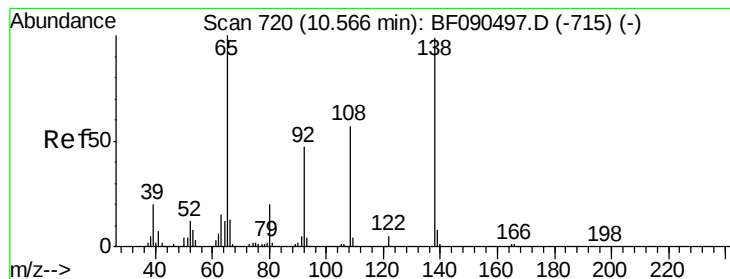


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.51 ng

RT: 10.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

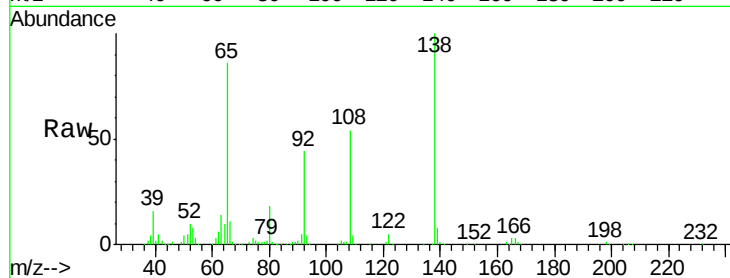
Tgt Ion:138 Resp: 308120

Ion Ratio Lower Upper

138 100

92 44.1 33.2 73.2

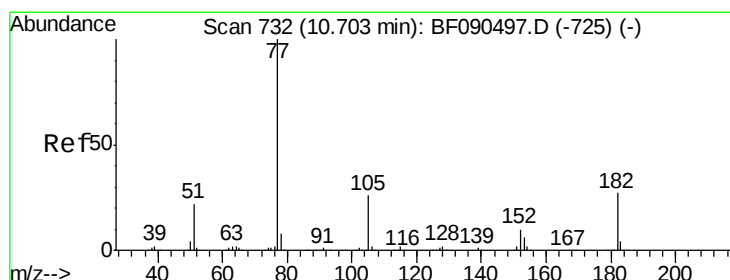
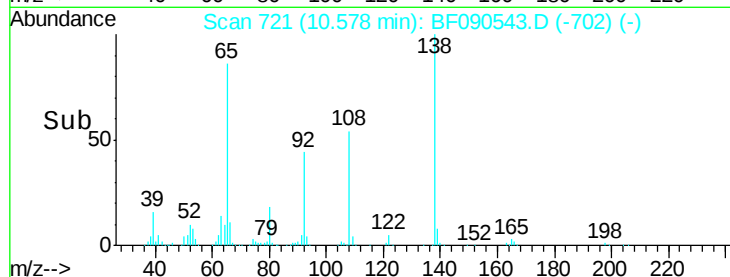
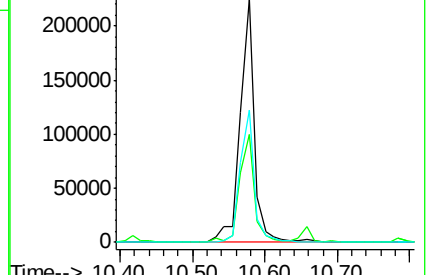
108 54.3 48.5 88.5



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: 34.79 ng

RT: 10.69 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Tgt Ion: 77 Resp: 1270984

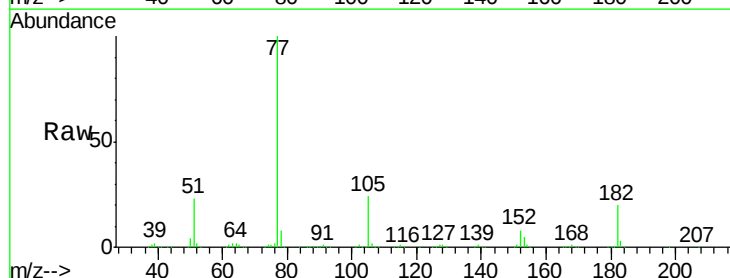
Ion Ratio Lower Upper

77 100

182 19.5 3.2 43.2

105 23.7 2.9 42.9

51 23.2 14.2 54.2

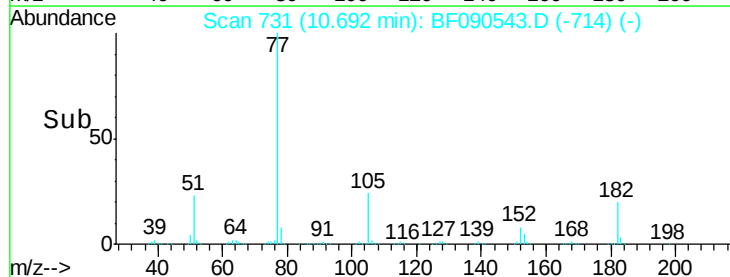
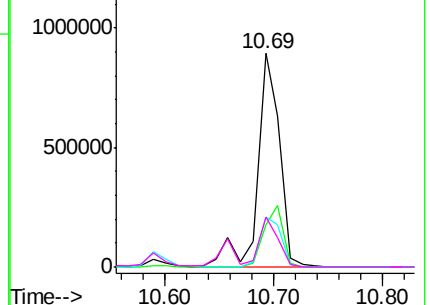


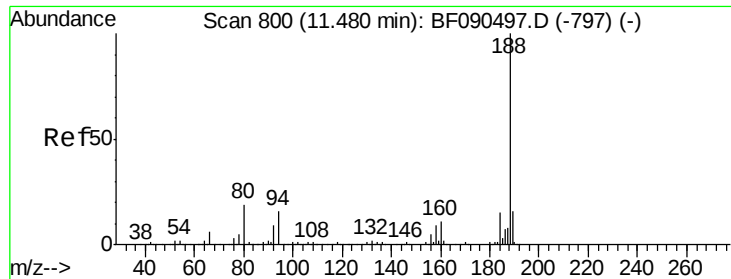
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

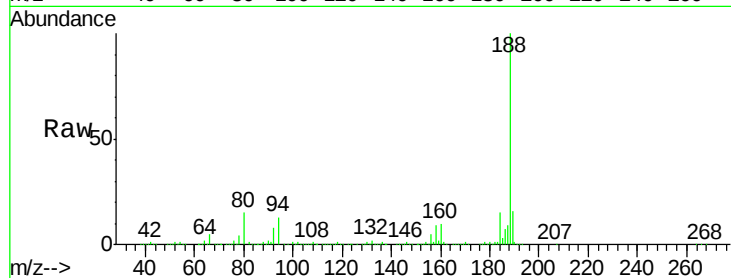




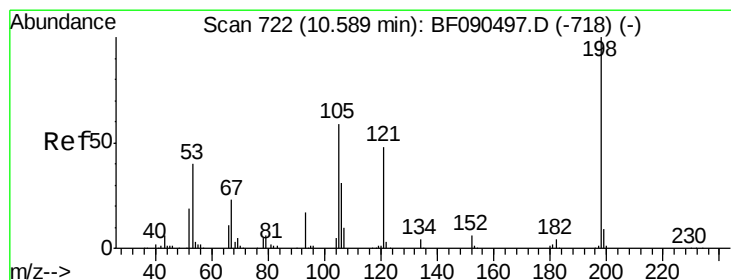
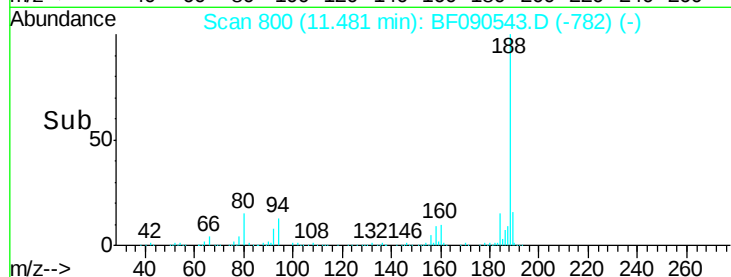
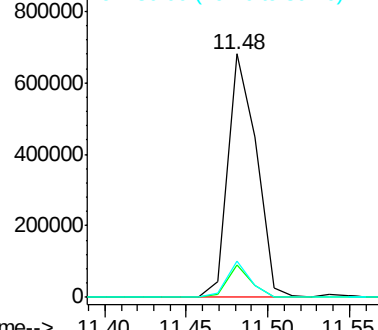
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tgt Ion:188 Resp: 828345
Ion Ratio Lower Upper
188 100
94 13.2 8.2 12.2#
80 15.0 8.8 13.2#

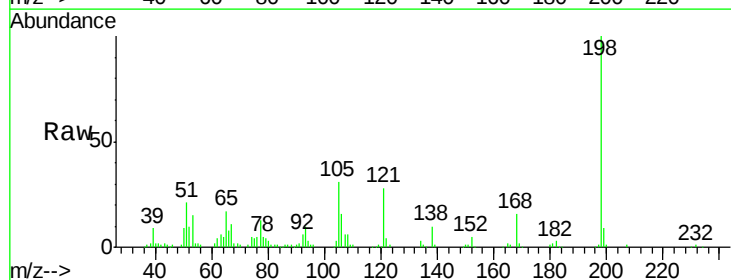


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

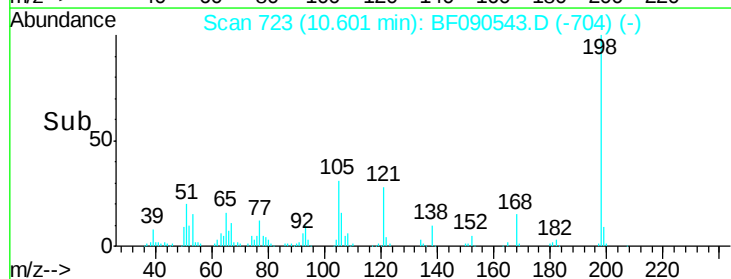
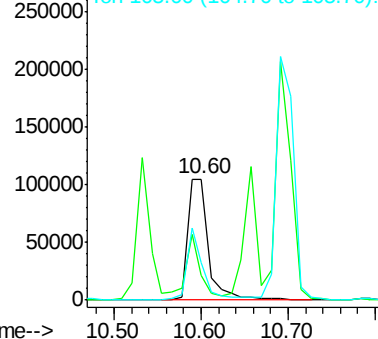


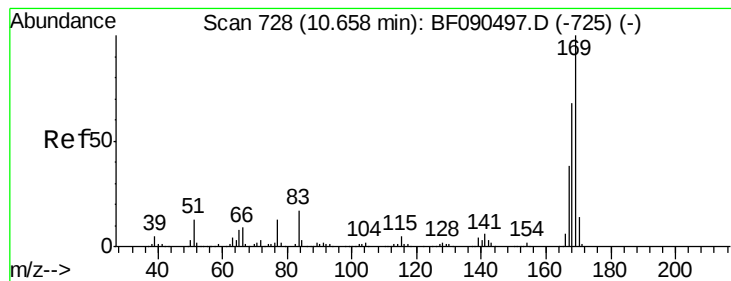
#64
4,6-Dinitro-2-methylphenol
Concen: 32.14 ng
RT: 10.60 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:198 Resp: 177813
Ion Ratio Lower Upper
198 100
51 20.5 67.3 107.3#
105 30.8 42.6 82.6#



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

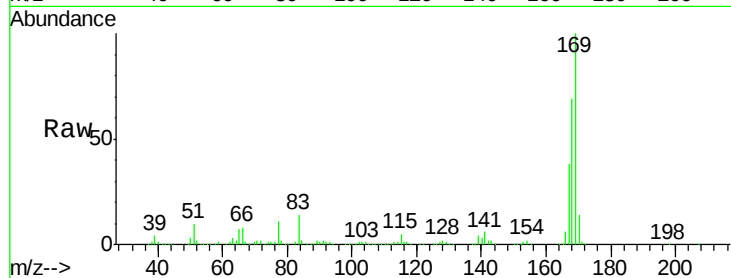




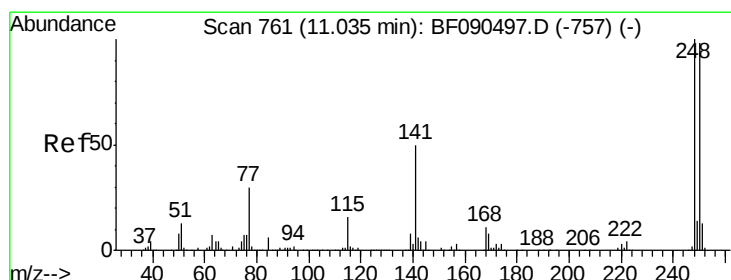
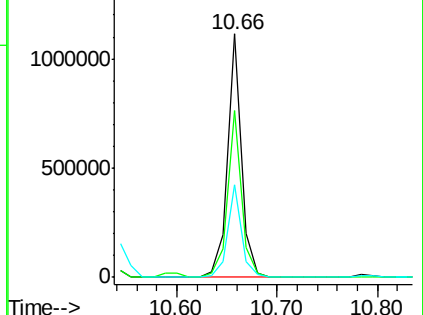
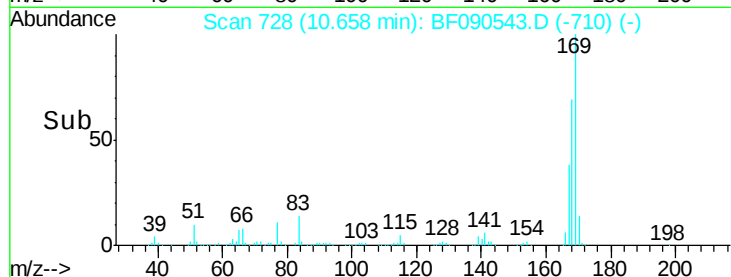
#65
 n-Nitrosodiphenylamine
 Concen: 39.73 ng
 RT: 10.66 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tgt Ion:169 Resp: 1070174
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.8 80.6
 167 37.8 29.8 44.8

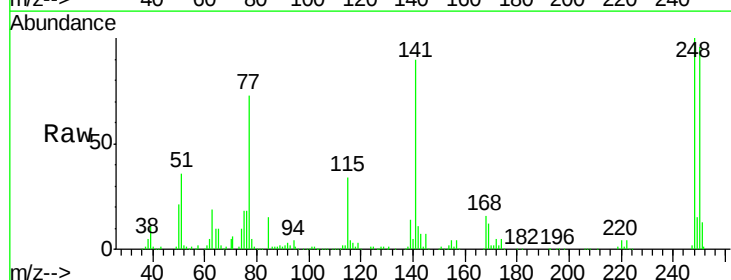


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

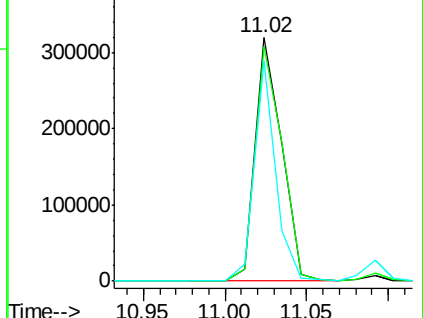
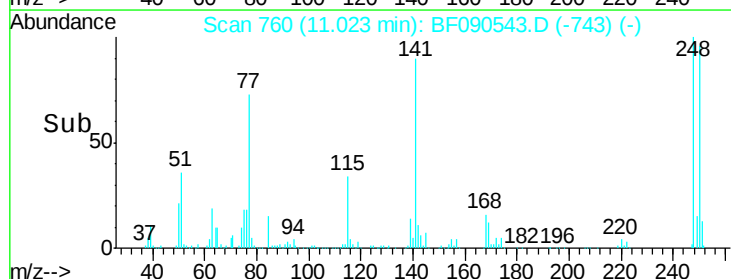


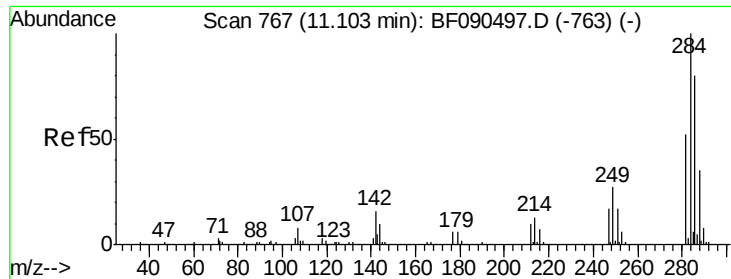
#66
 4-Bromophenyl-phenylether
 Concen: 39.55 ng
 RT: 11.02 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:248 Resp: 363015
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.5 114.7
 141 90.5 59.8 89.6#



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

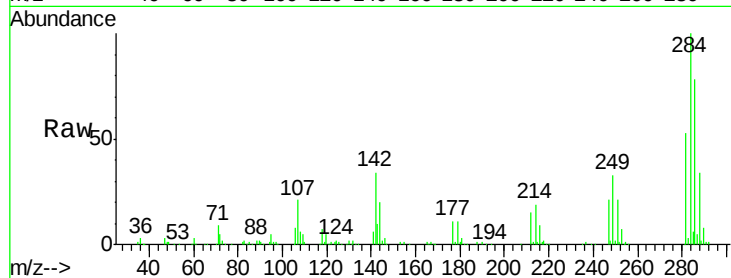




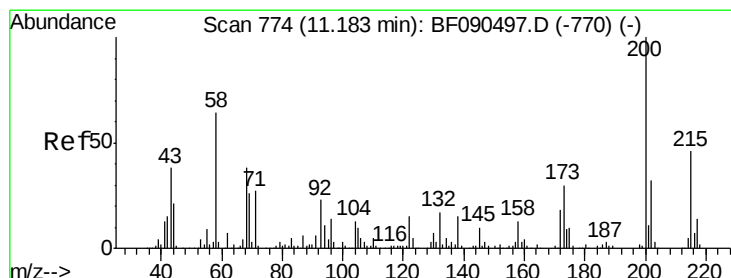
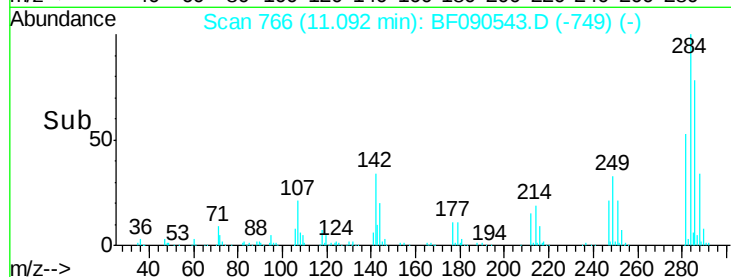
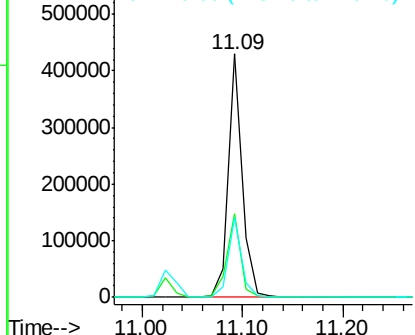
#67
Hexachlorobenzene
Concen: 40.78 ng
RT: 11.09 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tgt Ion:284 Resp: 413439
Ion Ratio Lower Upper
284 100
142 34.5 23.1 34.7
249 32.6 26.3 39.5

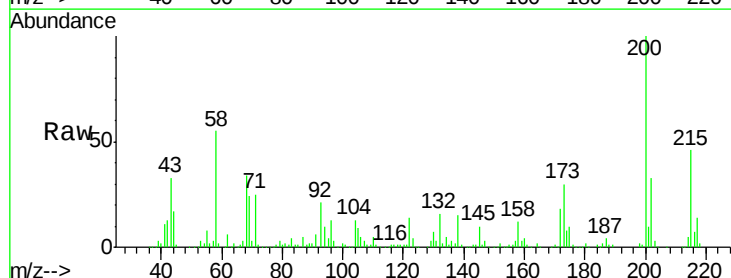


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

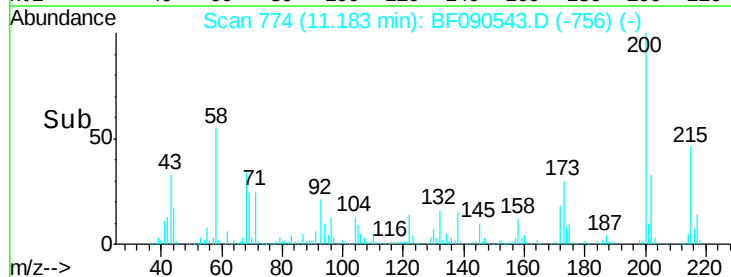
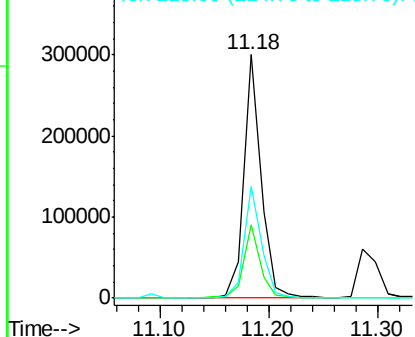


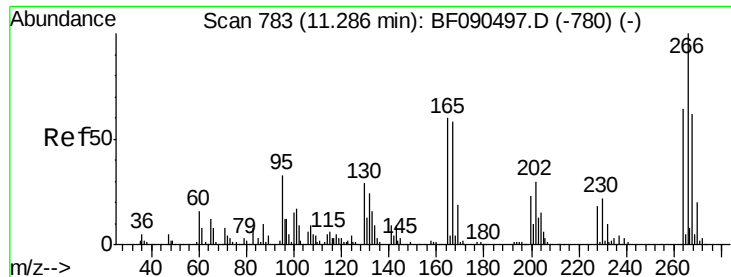
#68
Atrazine
Concen: 39.39 ng
RT: 11.18 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:200 Resp: 328345
Ion Ratio Lower Upper
200 100
173 30.0 9.0 49.0
215 46.0 24.8 64.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

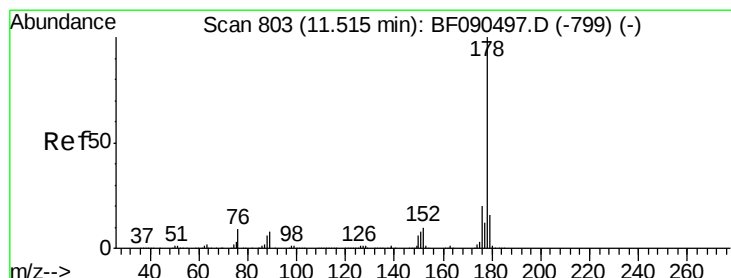
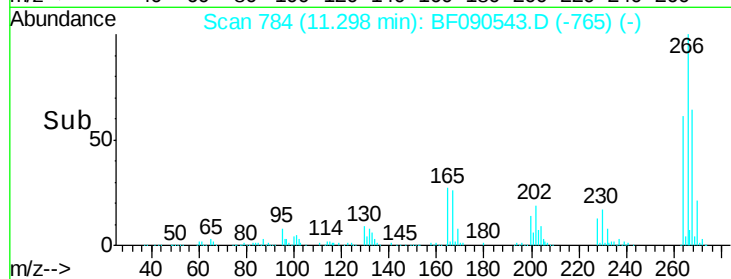
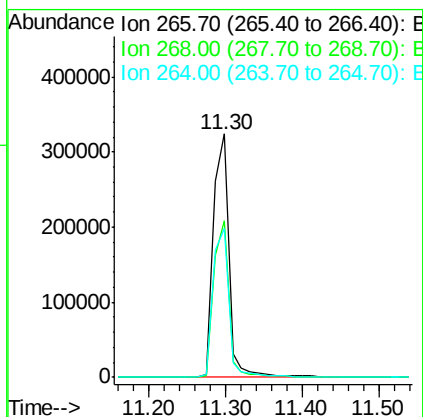
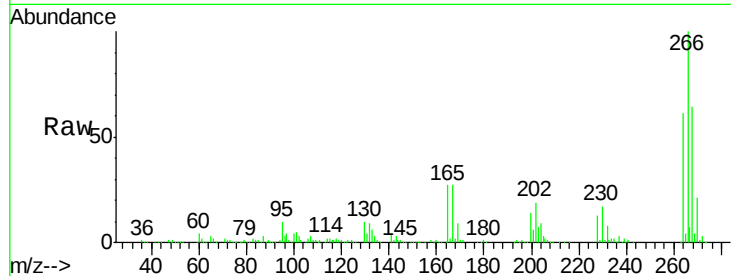




#69
 Pentachlorophenol
 Concen: 75.73 ng
 RT: 11.30 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

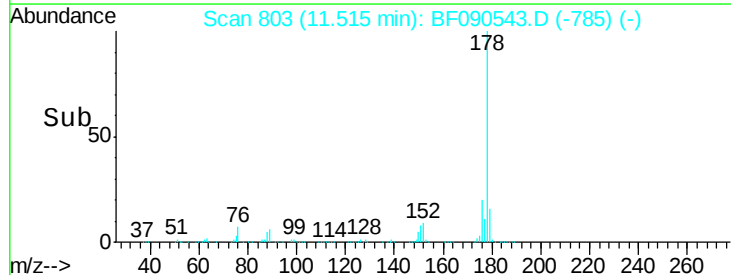
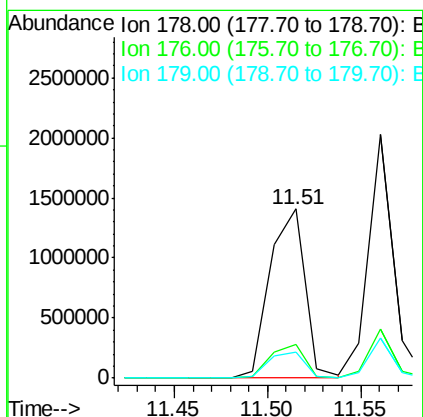
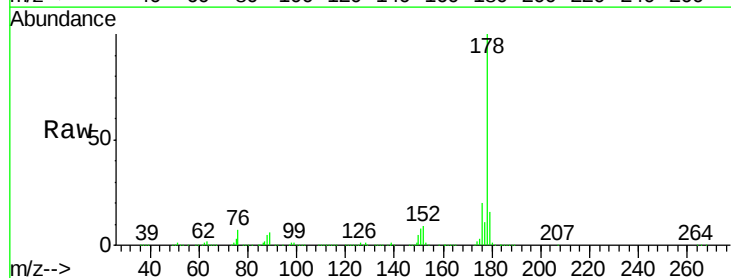
Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

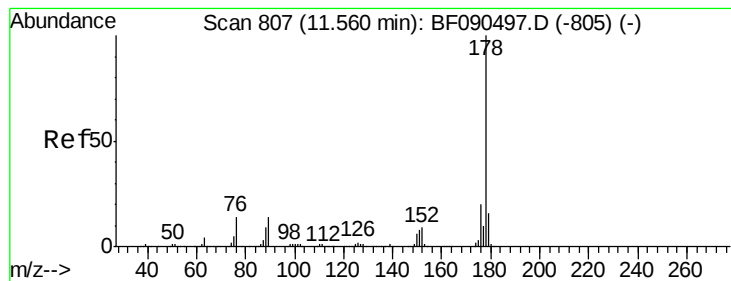
Tgt Ion:266 Resp: 456927
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.9 76.3
 264 61.3 51.5 77.3



#70
 Phenanthrene
 Concen: 40.40 ng
 RT: 11.51 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:178 Resp: 1844456
 Ion Ratio Lower Upper
 178 100
 176 19.9 17.3 25.9
 179 15.7 13.8 20.6





#71

Anthracene

Concen: 39.72 ng

RT: 11.56 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

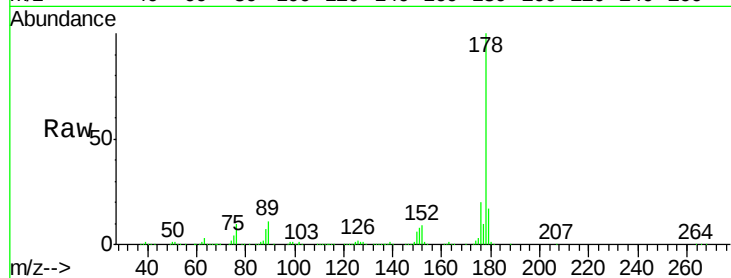
Tgt Ion:178 Resp: 1837103

Ion Ratio Lower Upper

178 100

176 20.1 16.8 25.2

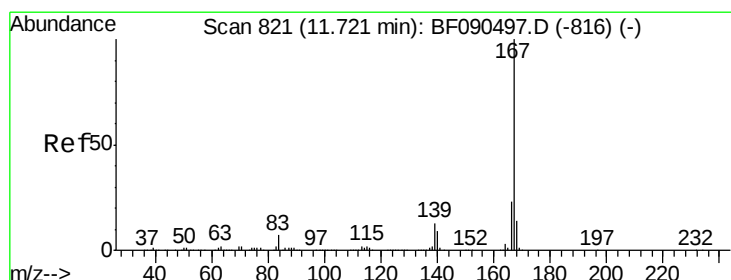
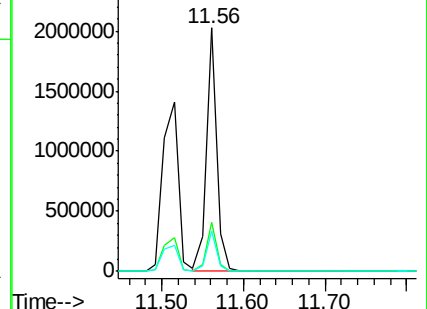
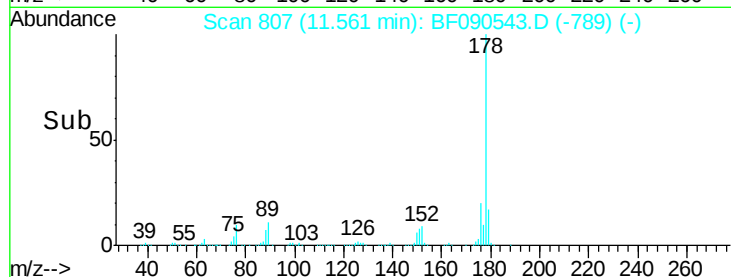
179 16.5 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.21 ng

RT: 11.72 min Scan# 821

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

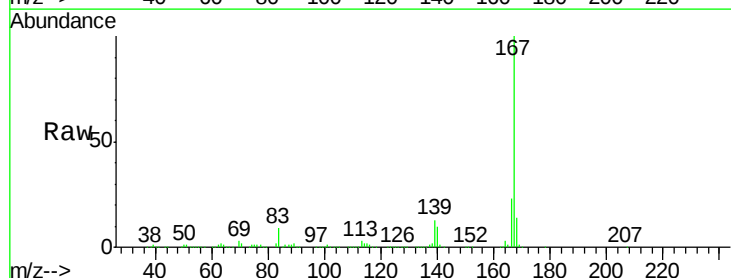
Tgt Ion:167 Resp: 1799981

Ion Ratio Lower Upper

167 100

166 23.1 19.1 28.7

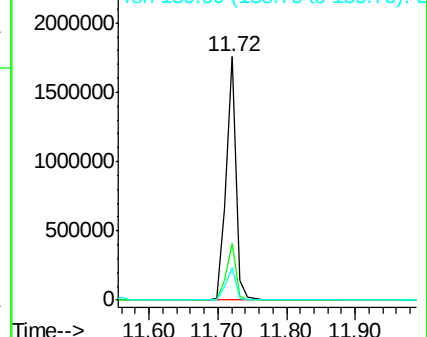
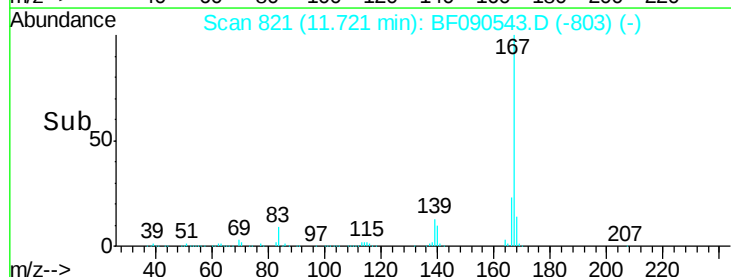
139 13.4 12.1 18.1

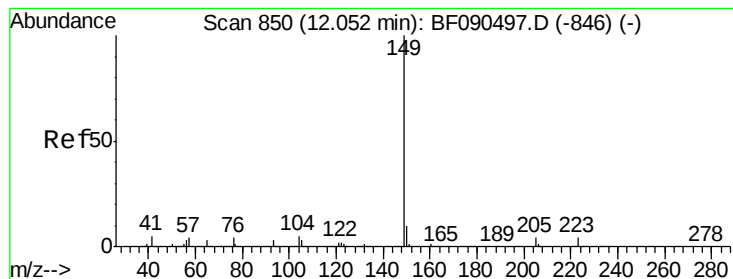


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 37.14 ng

RT: 12.04 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

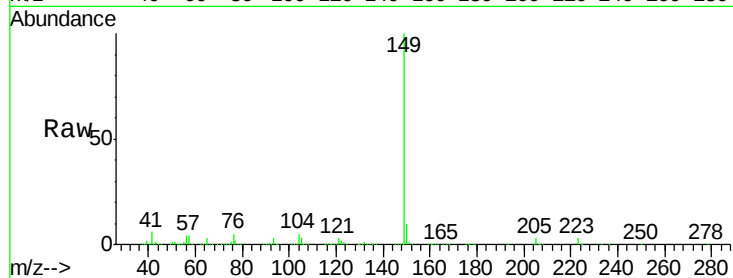
Tgt Ion:149 Resp: 1953978

Ion Ratio Lower Upper

149 100

150 10.1 8.6 12.8

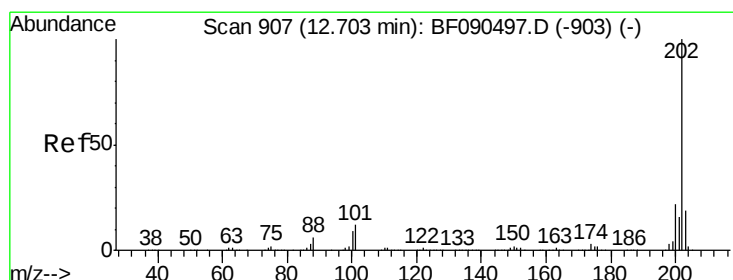
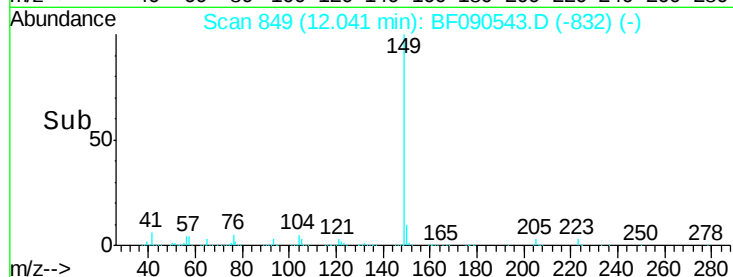
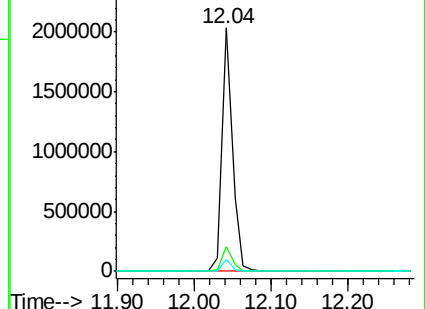
104 5.1 4.7 7.1



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: 41.23 ng

RT: 12.70 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

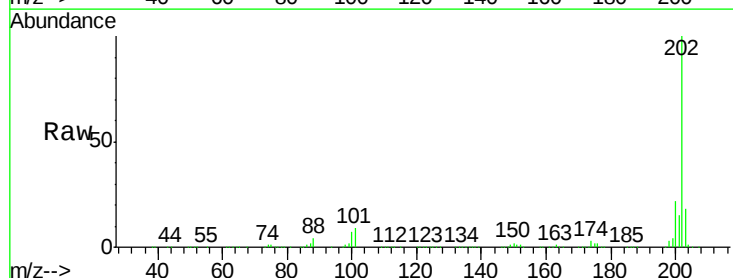
Tgt Ion:202 Resp: 1921474

Ion Ratio Lower Upper

202 100

101 8.8 0.0 37.2

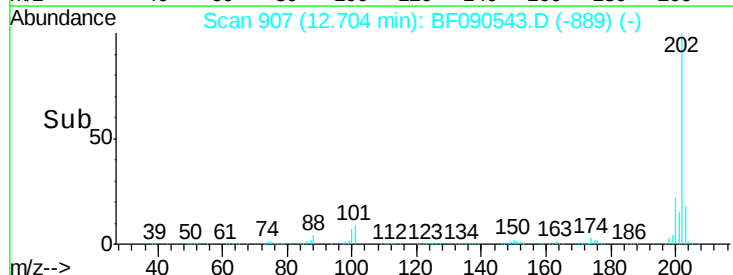
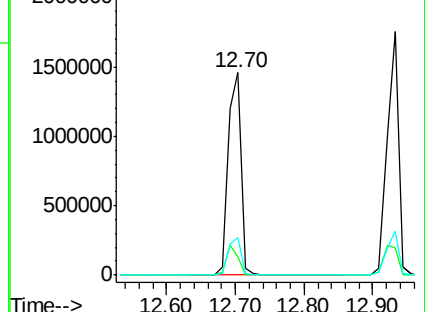
203 18.2 0.0 39.3

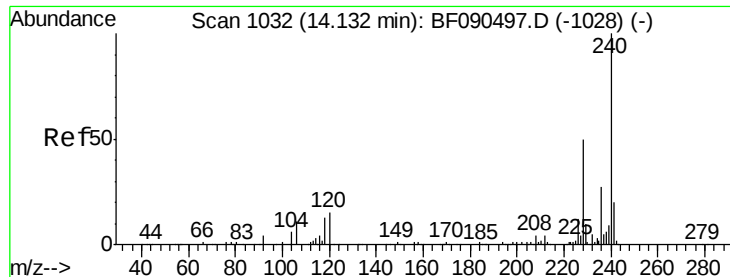


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.13 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

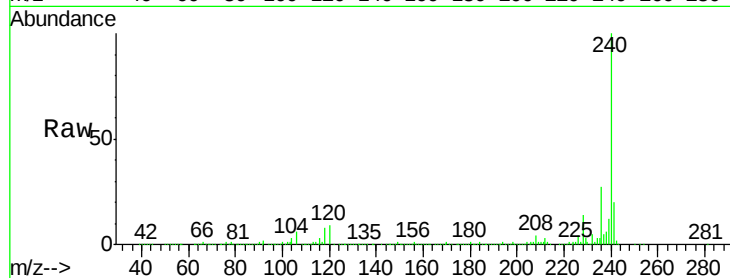
Tgt Ion:240 Resp: 728467

Ion Ratio Lower Upper

240 100

120 9.0 8.6 13.0

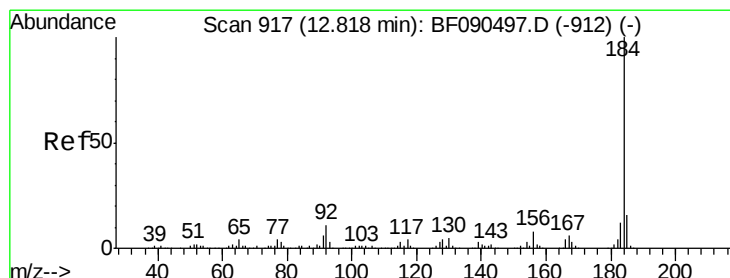
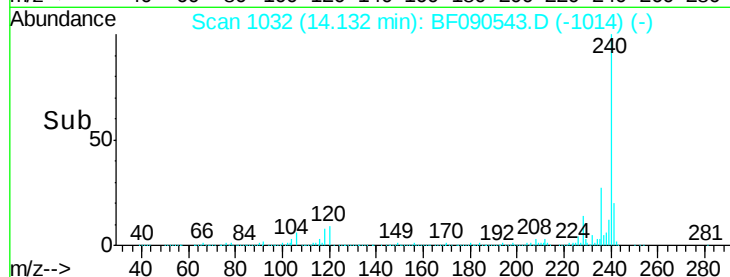
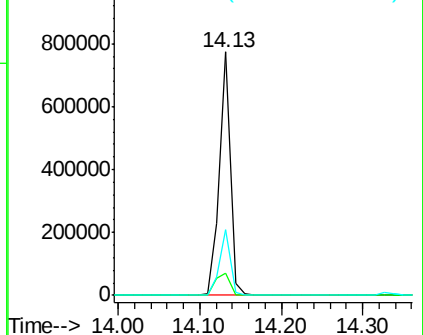
236 26.9 21.6 32.4



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: 21.97 ng

RT: 12.82 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

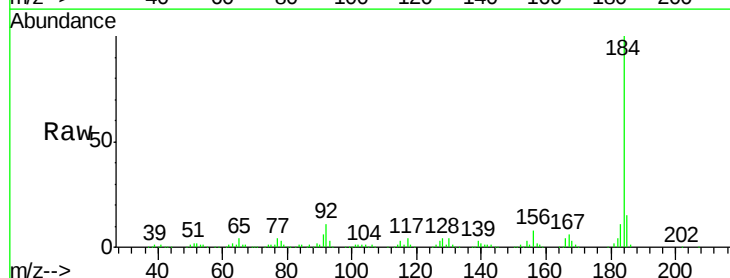
Tgt Ion:184 Resp: 502914

Ion Ratio Lower Upper

184 100

185 14.9 11.8 17.8

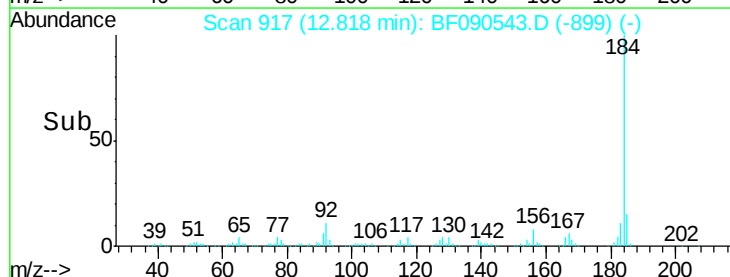
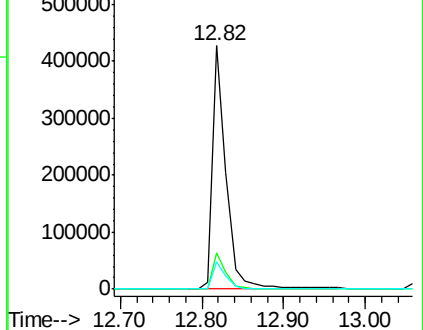
183 11.4 9.6 14.4

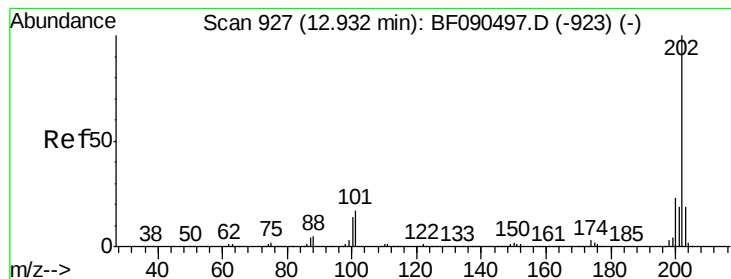


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.57 ng

RT: 12.93 min Scan# 927

Delta R.T. 0.00 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

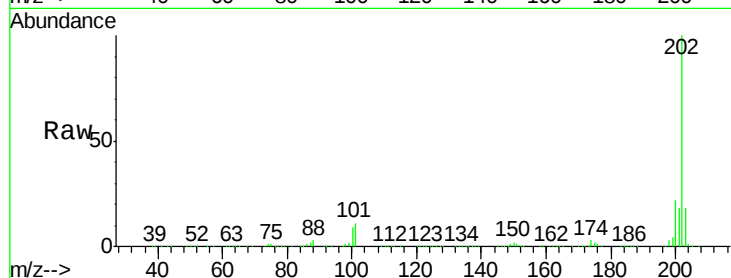
Tgt Ion:202 Resp: 1986877

Ion Ratio Lower Upper

202 100

200 22.2 18.5 27.7

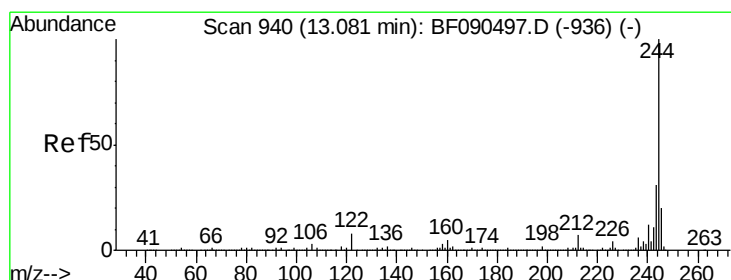
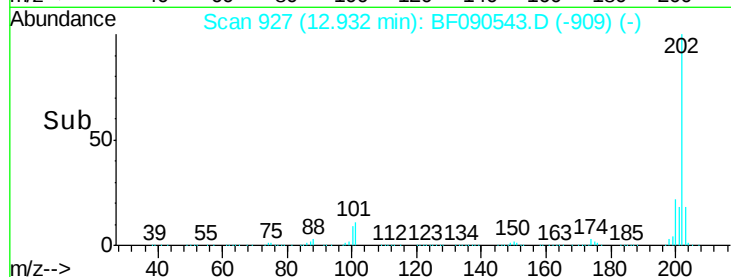
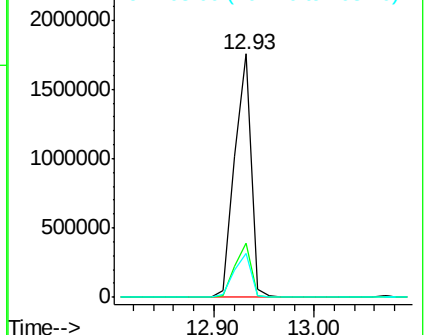
203 18.3 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.81 ng

RT: 13.07 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

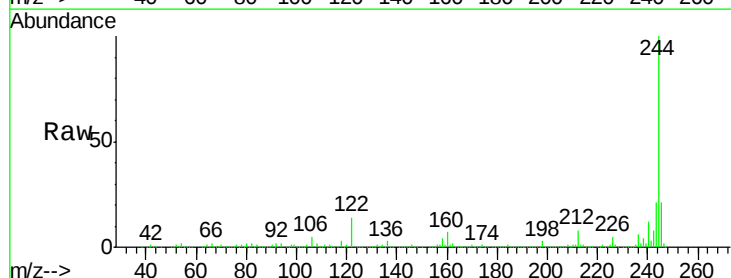
Tgt Ion:244 Resp: 2200291

Ion Ratio Lower Upper

244 100

212 7.6 6.8 10.2

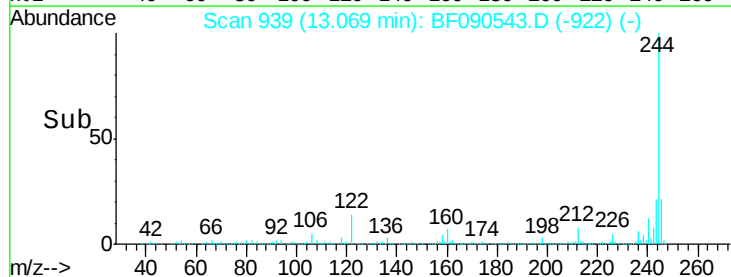
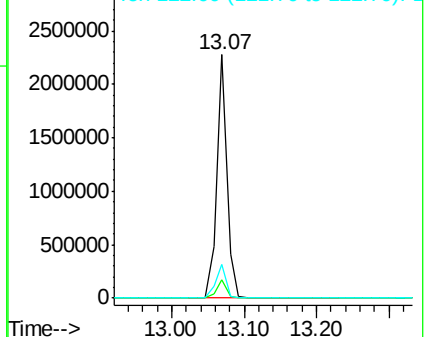
122 13.7 13.3 19.9

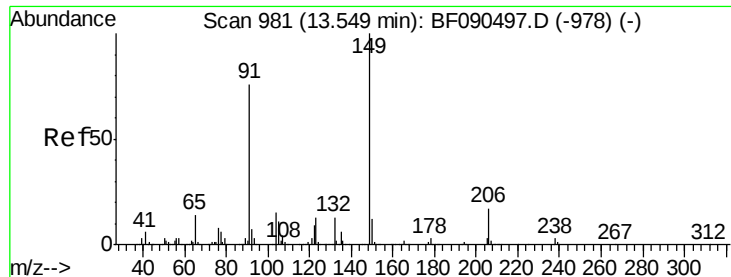


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

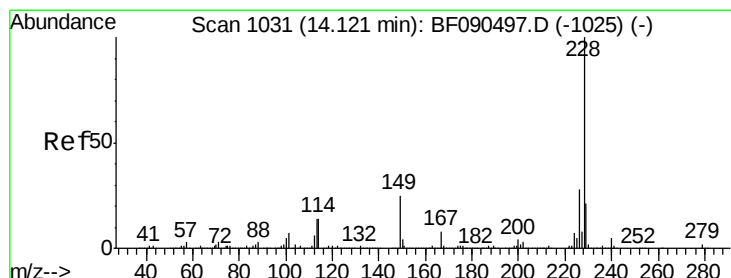
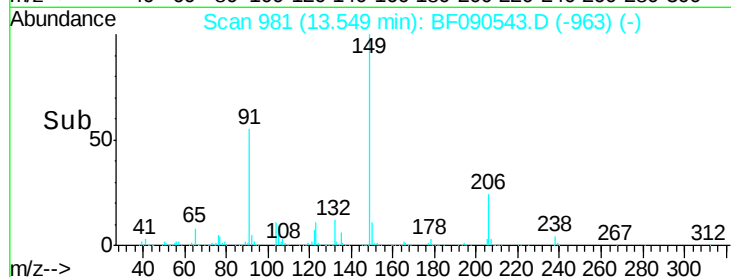
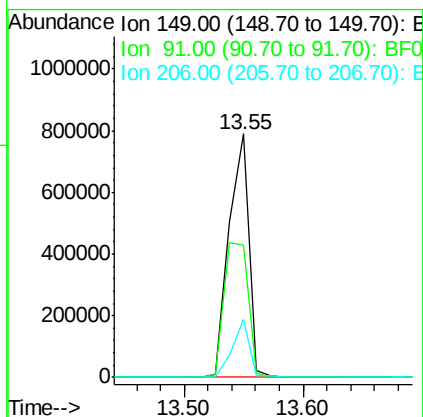
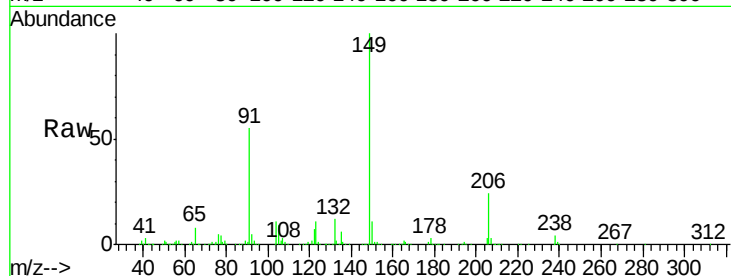




#79
Butylbenzylphthalate
Concen: 42.94 ng
RT: 13.55 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

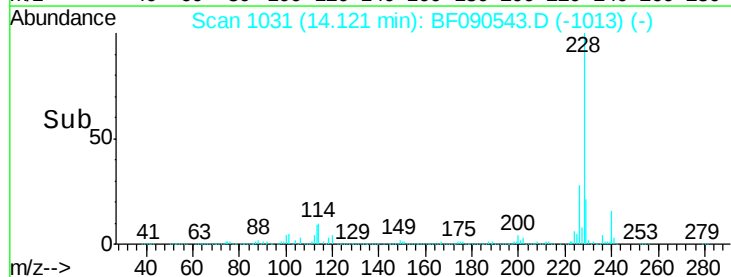
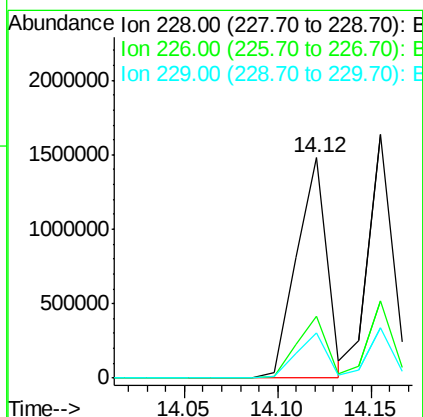
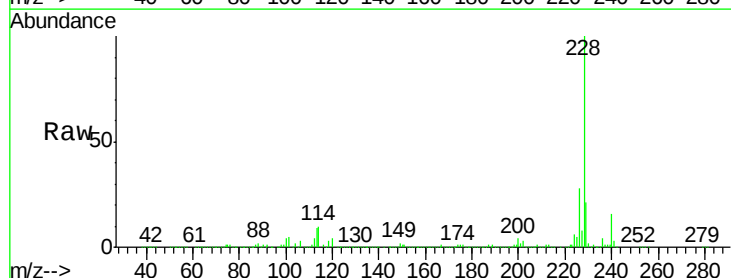
Instrument :
BNA_F
ClientSampled :
PB93974BS

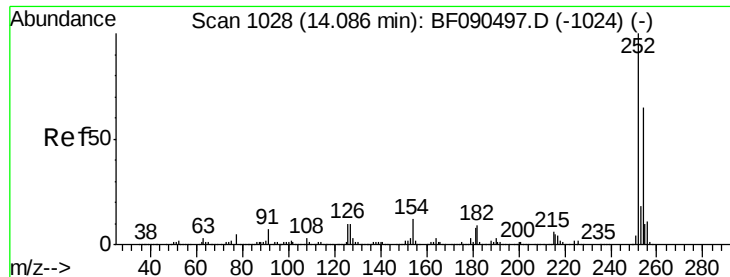
Tgt Ion:149 Resp: 916667
Ion Ratio Lower Upper
149 100
91 54.6 51.8 77.8
206 23.6 18.0 27.0



#80
Benzo(a)anthracene
Concen: 38.56 ng
RT: 14.12 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:228 Resp: 1674035
Ion Ratio Lower Upper
228 100
226 28.0 23.6 35.4
229 20.6 16.6 25.0

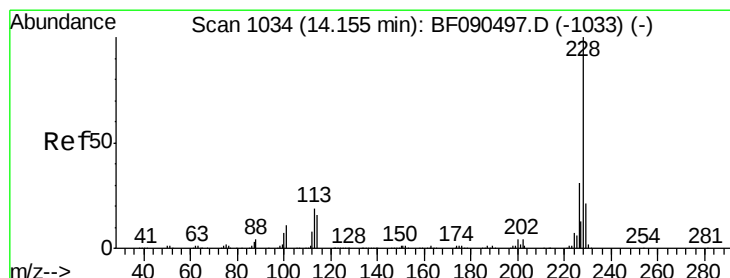
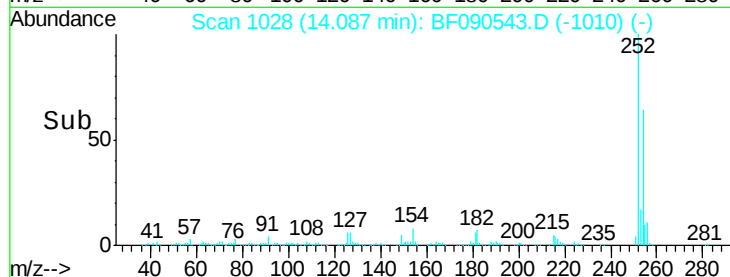
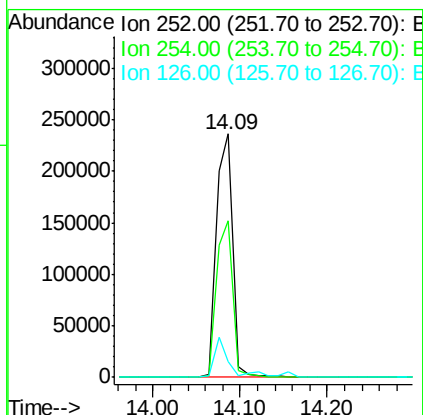
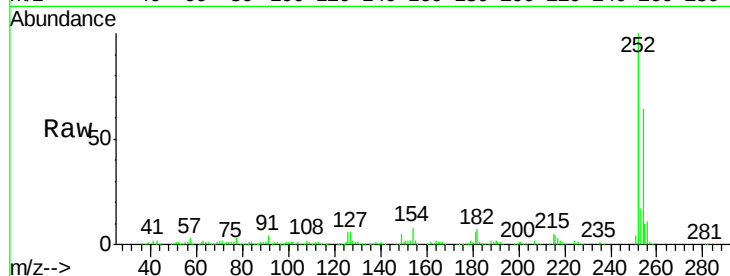




#81
 3,3'-Dichlorobenzidine
 Concen: 20.23 ng
 RT: 14.09 min Scan# 1028
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

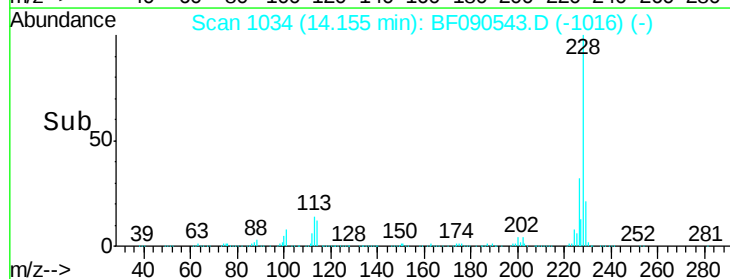
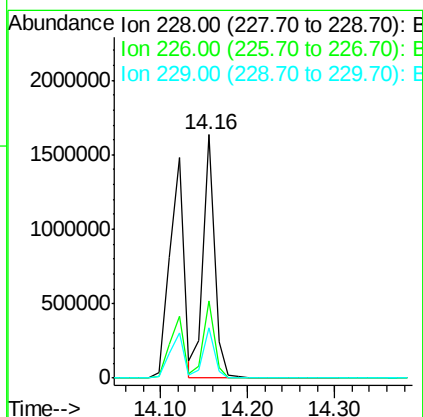
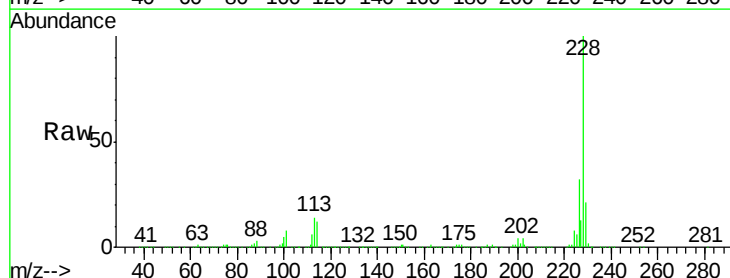
Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

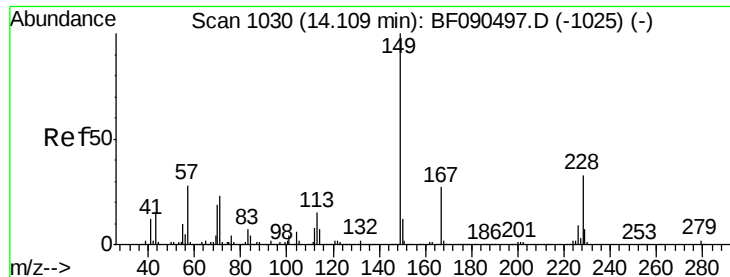
Tgt Ion:252 Resp: 316117
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.1 78.1
 126 6.4 4.2 6.4#



#82
 Chrysene
 Concen: 36.89 ng
 RT: 14.16 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:228 Resp: 1490879
 Ion Ratio Lower Upper
 228 100
 226 31.7 25.8 38.6
 229 20.9 16.9 25.3

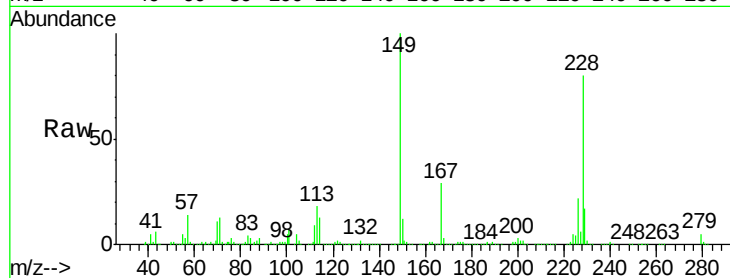




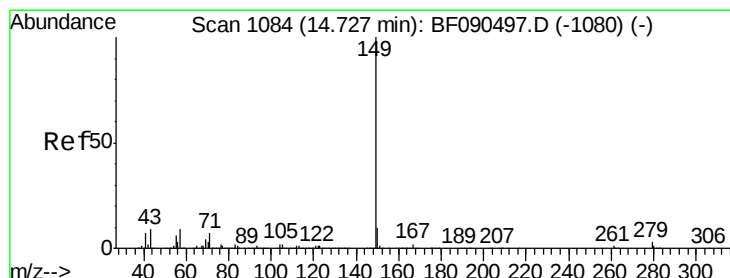
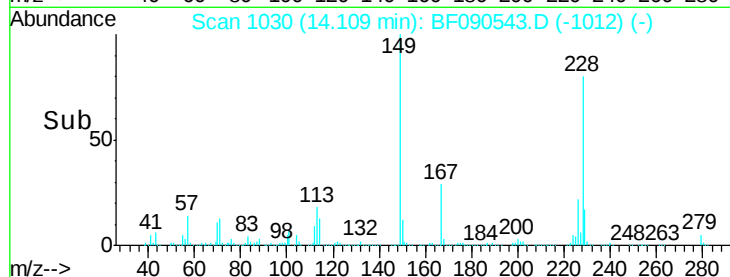
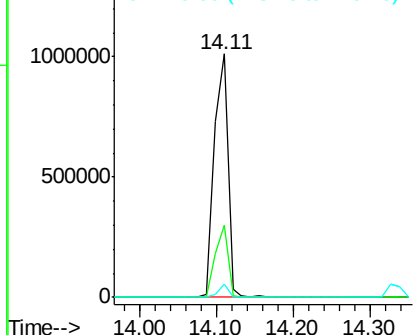
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.78 ng
 RT: 14.11 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tgt Ion:149 Resp: 1239121
 Ion Ratio Lower Upper
 149 100
 167 29.4 21.5 32.3
 279 5.4 2.6 3.8#

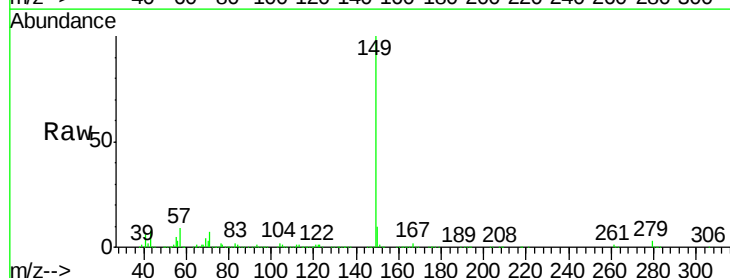


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

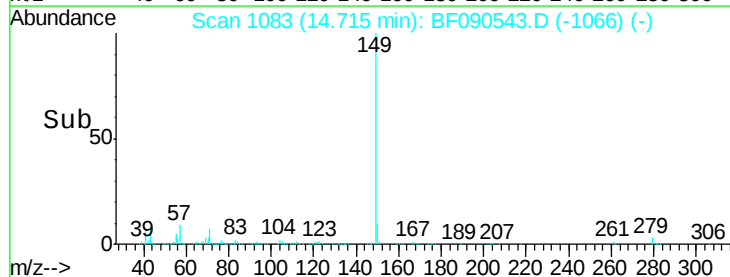
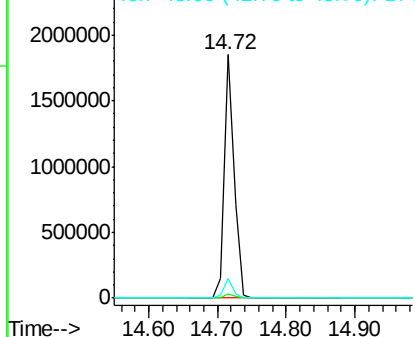


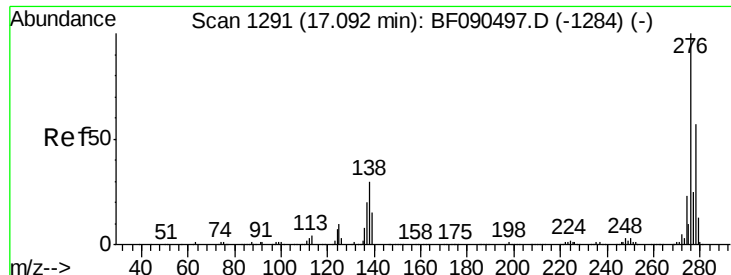
#84
 Di-n-octyl phthalate
 Concen: 39.27 ng
 RT: 14.72 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion:149 Resp: 1894560
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 7.6 11.8 17.8#



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



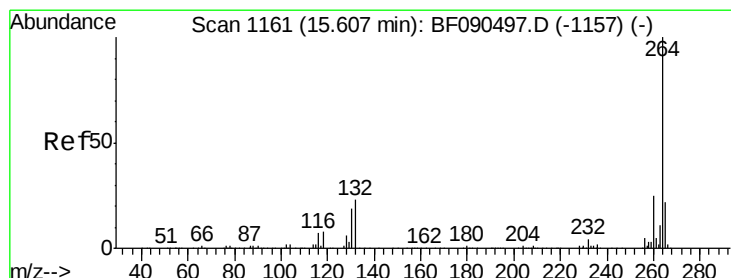
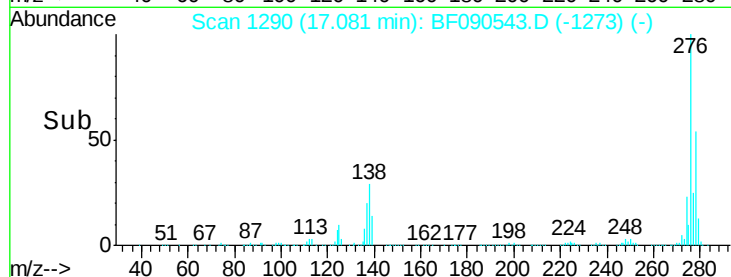
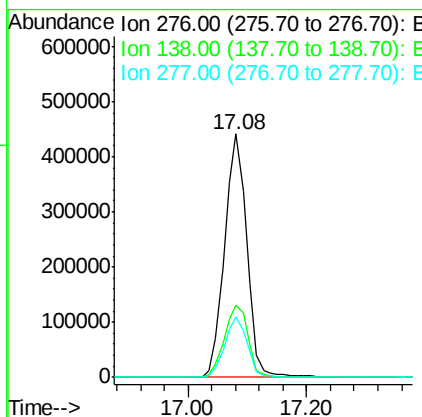
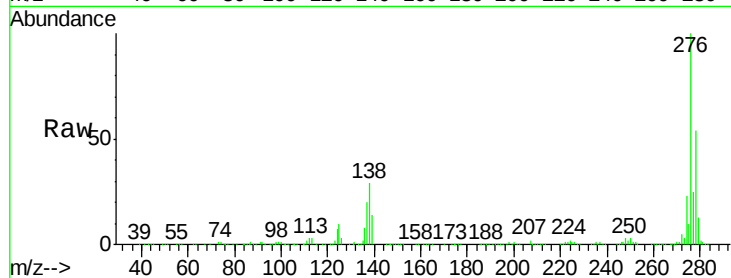


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.14 ng
 RT: 17.08 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Instrument :
 BNA_F
 ClientSampleId :
 PB93974BS

Tgt Ion: 276 Resp: 1148801

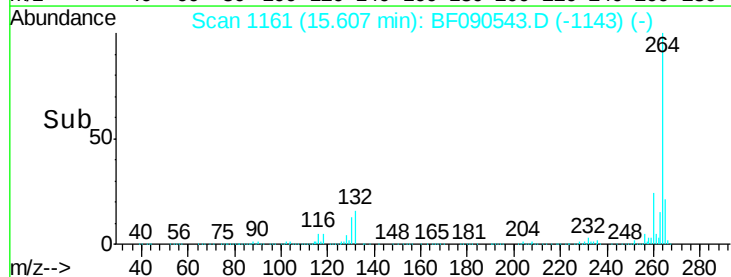
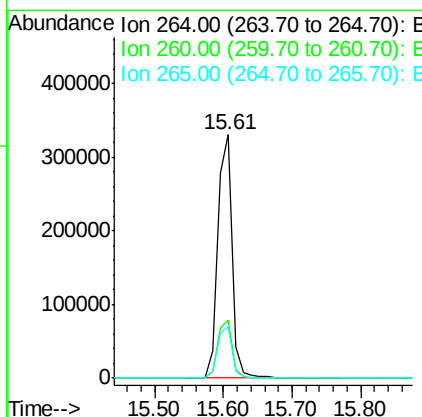
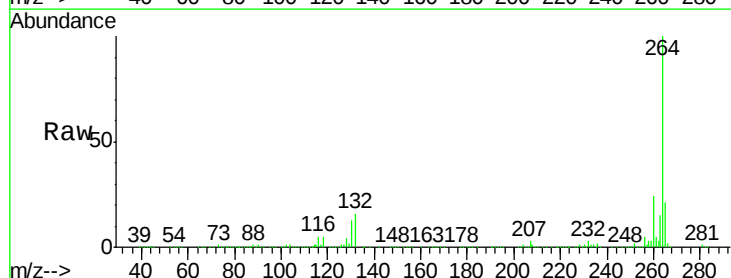
Ion	Ratio	Lower	Upper
276	100		
138	31.6	23.8	35.8
277	24.9	20.4	30.6

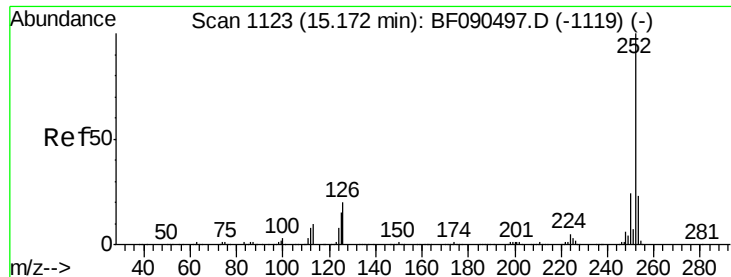


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BF090543.D
 Acq: 12 Oct 2016 18:48

Tgt Ion: 264 Resp: 487324

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.3	17.4	26.0

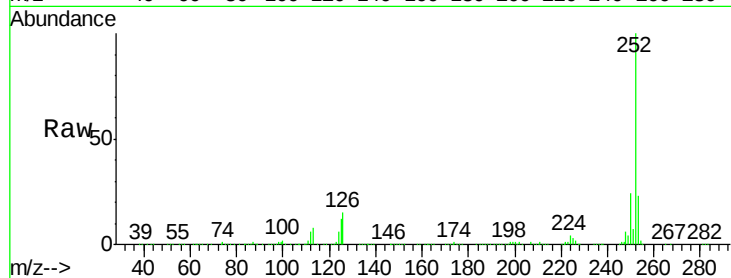




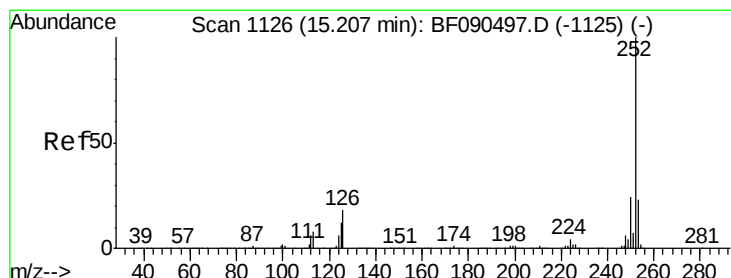
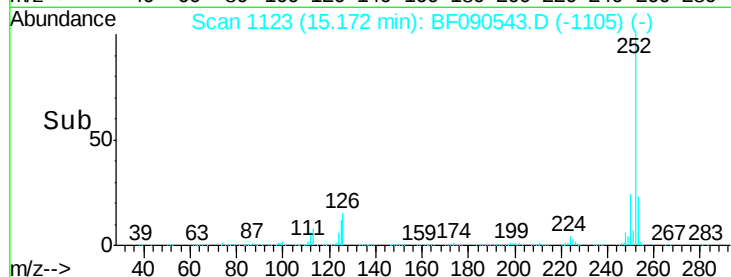
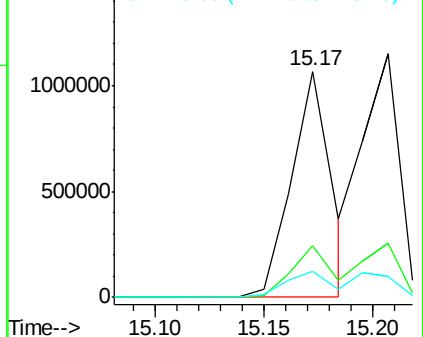
#87
Benzo(b)fluoranthene
Concen: 41.84 ng
RT: 15.17 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Instrument :
BNA_F
ClientSampleId :
PB93974BS

Tgt Ion:252 Resp: 1345343
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.7 7.0 10.4#

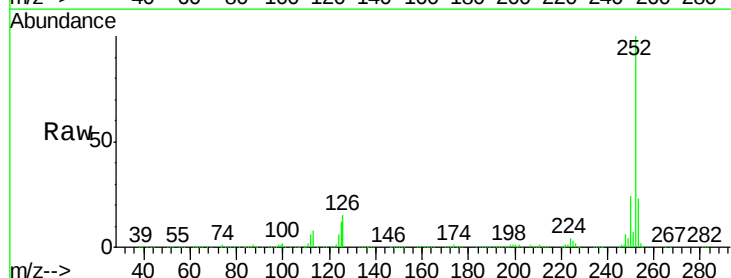


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

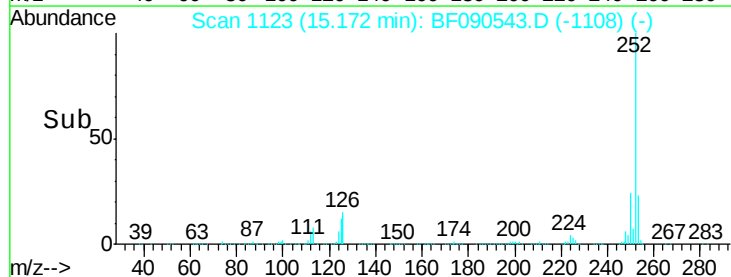
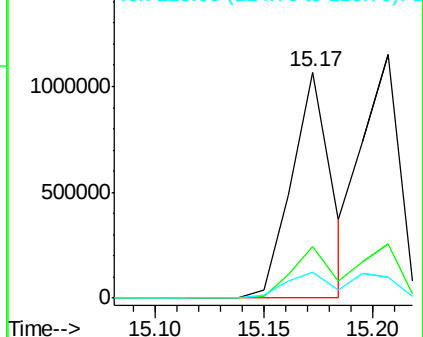


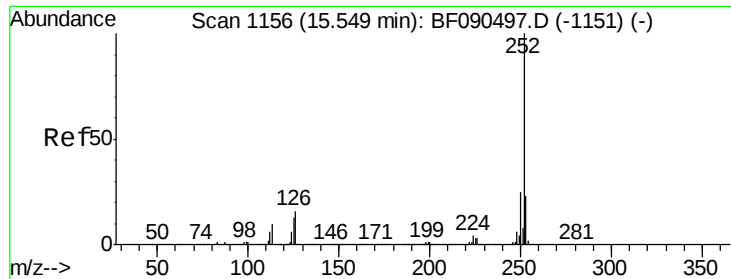
#88
Benzo(k)fluoranthene
Concen: 46.97 ng
RT: 15.17 min Scan# 1123
Delta R.T. -0.03 min
Lab File: BF090543.D
Acq: 12 Oct 2016 18:48

Tgt Ion:252 Resp: 1345343
Ion Ratio Lower Upper
252 100
253 22.9 18.6 27.8
125 11.7 11.7 17.5#



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: 42.34 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

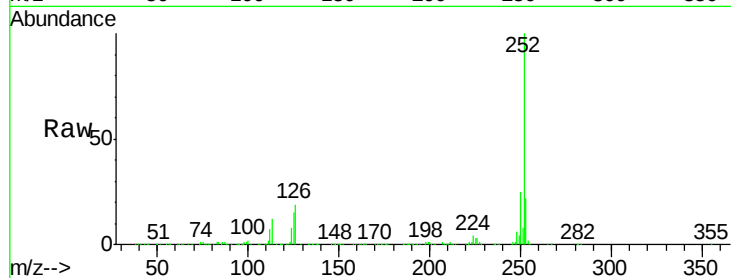
Tgt Ion:252 Resp: 1195371

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

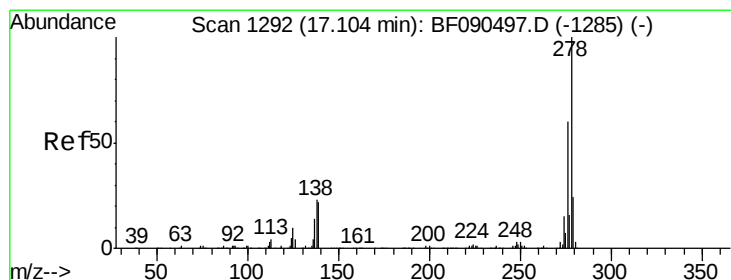
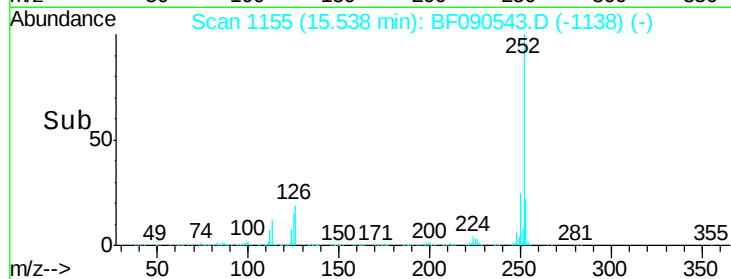
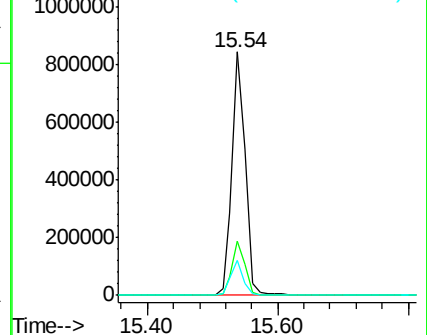
125 14.5 9.8 14.8



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: 40.85 ng

RT: 17.09 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

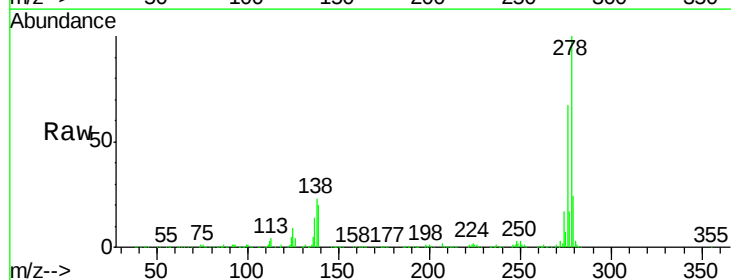
Tgt Ion:278 Resp: 979841

Ion Ratio Lower Upper

278 100

139 20.4 12.8 19.2#

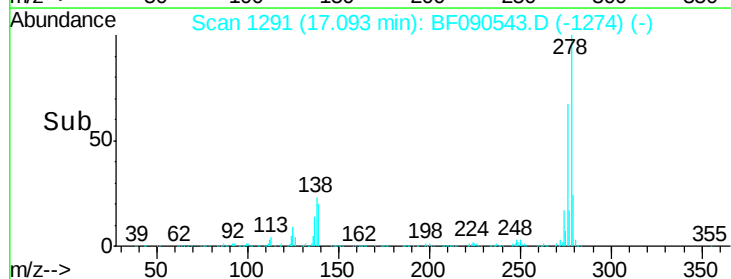
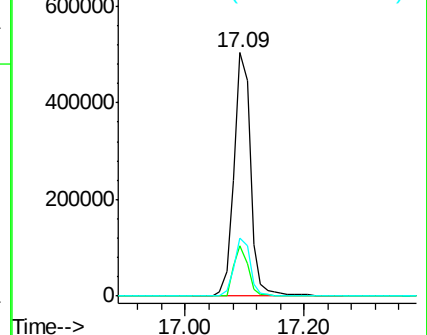
279 24.1 19.6 29.4

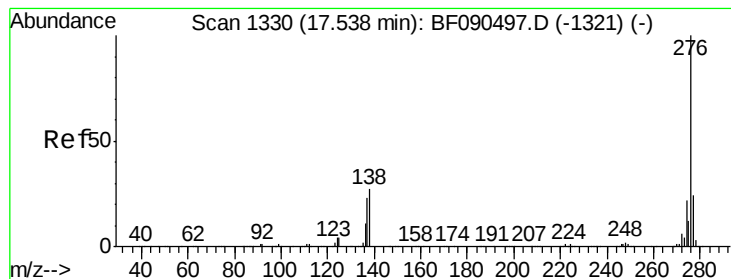


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 41.25 ng

RT: 17.53 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF090543.D

Acq: 12 Oct 2016 18:48

Instrument :

BNA_F

ClientSampleId :

PB93974BS

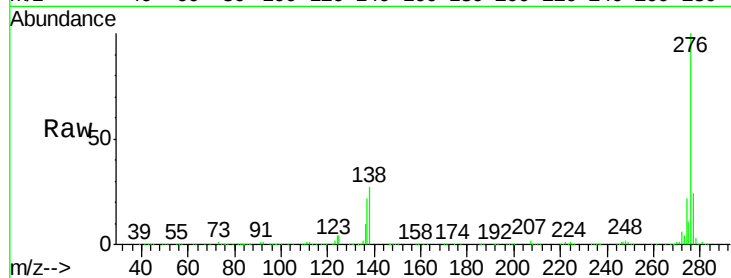
Tgt Ion: 276 Resp: 915030

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.0

138 26.7 20.8 31.2



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

