

Data Path : Z:\HPCHEM1\BNA_F\Data\BF012516\
 Data File : BF084614.D
 Acq On : 25 Jan 2016 18:27
 Operator : SJ/IZ
 Sample : PB87944BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Quant Time: Jan 26 09:42:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 25 16:24:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	212497	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	911196	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	383673	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	717402	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	746155	20.00	ng	0.00
86) Perylene-d12	15.28	264	586046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1006752	76.63	ng	0.01
7) Phenol-d6	6.38	99	1359592	82.40	ng	-0.01
23) Nitrobenzene-d5	7.31	82	1239631	75.72	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	322654	83.30	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1967608	90.64	ng	0.00
78) Terphenyl-d14	12.84	244	2073845	62.04	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	201627	32.40	ng	# 76
3) Pyridine	3.04	79	471597	27.18	ng	# 65
4) n-Nitrosodimethylamine	2.99	42	264766	29.73	ng	# 72
6) Aniline	6.40	93	334670	13.87	ng	# 17
8) 2-Chlorophenol	6.52	128	567391	38.07	ng	90
9) Benzaldehyde	6.28	77	46516	4.33	ng	91
10) Phenol	6.41	94	700711	37.35	ng	91
11) bis(2-Chloroethyl)ether	6.48	93	538117	37.03	ng	83
12) 1,3-Dichlorobenzene	6.91	146	575088	37.40	ng	98
13) 1,4-Dichlorobenzene	6.75	146	567527	36.81	ng	96
14) 1,2-Dichlorobenzene	6.91	146	575018	38.94	ng	97
15) Benzyl Alcohol	6.89	79	455304	32.80	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.02	45	862126	32.58	ng	88
17) 2-Methylphenol	7.01	107	485567	38.87	ng	# 93
18) Hexachloroethane	7.25	117	238316	38.65	ng	# 90
19) n-Nitroso-di-n-propylamine	7.16	70	397077	35.55	ng	# 71
20) 3+4-Methylphenols	7.16	107	617288	42.04	ng	# 65
22) Acetophenone	7.15	105	824972	37.65	ng	98
24) Nitrobenzene	7.32	77	590105	35.54	ng	94
25) Isophorone	7.57	82	1154771	36.88	ng	97
26) 2-Nitrophenol	7.64	139	301879	39.94	ng	# 81
27) 2,4-Dimethylphenol	7.70	122	573931	37.52	ng	88
28) bis(2-Chloroethoxy)methane	7.79	93	706141	36.92	ng	# 95
29) 2,4-Dichlorophenol	7.89	162	528210	41.45	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	504126	38.32	ng	# 91
31) Naphthalene	8.04	128	1572140	38.03	ng	99
32) Benzoic acid	7.84	122	400537	41.65	ng	93
33) 4-Chloroaniline	8.10	127	131606	6.94	ng	96
34) Hexachlorobutadiene	8.17	225	290113	38.36	ng	99
35) Caprolactam	8.49	113	118928	27.69	ng	# 82
36) 4-Chloro-3-methylphenol	8.60	107	592691	41.52	ng	97
37) 2-Methylnaphthalene	8.74	142	1098042	37.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	478895	43.42	ng	99
40) Hexachlorocyclopentadiene	8.90	237	504481	75.77	ng	99

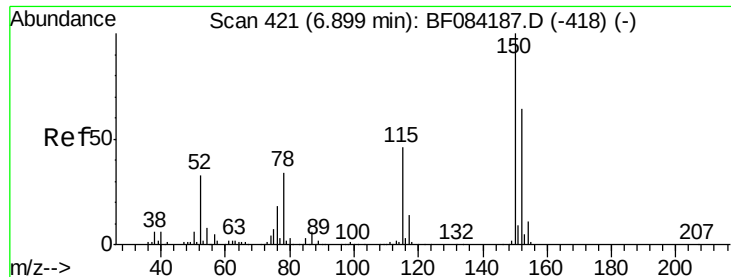
Data Path : Z:\HPCHEM1\BNA_F\Data\BF012516\
 Data File : BF084614.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	373529	45.26	ng	95
43) 2,4,5-Trichlorophenol	9.07	196	344982	43.61	ng	# 86
45) 1,1'-Biphenyl	9.21	154	1446114	47.42	ng	97
46) 2-Chloronaphthalene	9.23	162	1097434	45.82	ng	90
47) 2-Nitroaniline	9.33	65	382842	48.43	ng	# 70
48) Acenaphthylene	9.64	152	1379705	38.99	ng	98
49) Dimethylphthalate	9.52	163	1048706	38.23	ng	# 90
50) 2,6-Dinitrotoluene	9.57	165	236930	39.38	ng	# 58
51) Acenaphthene	9.81	154	920161	38.77	ng	98
52) 3-Nitroaniline	9.73	138	92868	12.46	ng	99
53) 2,4-Dinitrophenol	9.85	184	234888	91.14	ng	# 78
54) Dibenzofuran	9.98	168	1189218	38.24	ng	91
55) 4-Nitrophenol	9.93	139	440827	81.47	ng	94
56) 2,4-Dinitrotoluene	9.97	165	287904	37.81	ng	# 69
57) Fluorene	10.33	166	1024840	43.01	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	272486	40.34	ng	88
59) Diethylphthalate	10.21	149	1051411	38.88	ng	99
60) 4-Chlorophenyl-phenylether	10.32	204	417681	40.93	ng	88
61) 4-Nitroaniline	10.36	138	262768	39.54	ng	90
62) Azobenzene	10.48	77	1056418	35.62	ng	85
64) 4,6-Dinitro-2-methylphenol	10.38	198	190941	43.66	ng	94
65) n-Nitrosodiphenylamine	10.44	169	804124	35.06	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	290413	37.61	ng	# 81
67) Hexachlorobenzene	10.88	284	327463	37.68	ng	# 82
68) Atrazine	10.98	200	343251	45.73	ng	96
69) Pentachlorophenol	11.07	266	340843	75.64	ng	98
70) Phenanthrene	11.29	178	1621029	43.20	ng	98
71) Anthracene	11.33	178	1437015	39.06	ng	99
72) Carbazole	11.49	167	1333876	37.09	ng	99
73) Di-n-butylphthalate	11.82	149	1542821	38.96	ng	# 96
74) Fluoranthene	12.46	202	1492340	38.07	ng	98
76) Benzidine	12.59	184	625528	23.38	ng	98
77) Pyrene	12.69	202	1818009	31.05	ng	98
79) Butylbenzylphthalate	13.32	149	851131	33.59	ng	93
80) Benzo(a)anthracene	13.88	228	1573443	35.91	ng	99
81) 3,3'-Dichlorobenzidine	13.85	252	311295	20.36	ng	# 98
82) Chrysene	13.92	228	1366471	32.46	ng	98
83) Bis(2-ethylhexyl)phthalate	13.88	149	1051901	32.86	ng	99
84) Di-n-octyl phthalate	14.50	149	1965627	36.37	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.60	276	1148452	34.41	ng	98
87) Benzo(b)fluoranthene	14.92	252	2722530	71.02	ng	98
88) Benzo(k)fluoranthene	14.92	252	2723226	86.86	ng	# 96
89) Benzo(a)pyrene	15.22	252	1230811	37.85	ng	# 97
90) Dibenzo(a,h)anthracene	16.61	278	954616	34.12	ng	97
91) Benzo(g,h,i)perylene	16.99	276	951921	32.85	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

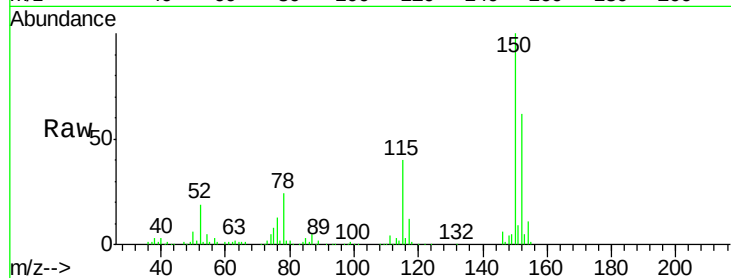
Tgt Ion:152 Resp: 212497

Ion Ratio Lower Upper

152 100

150 160.4 123.0 184.4

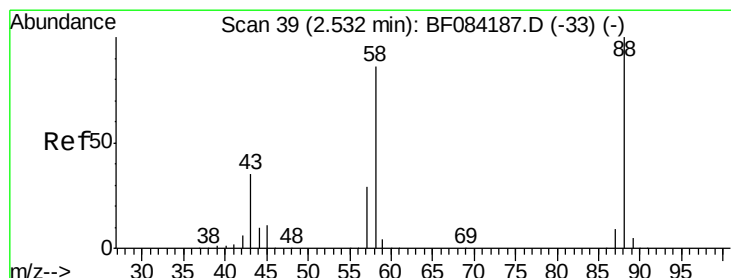
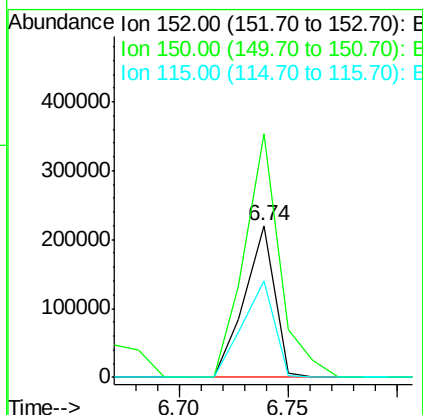
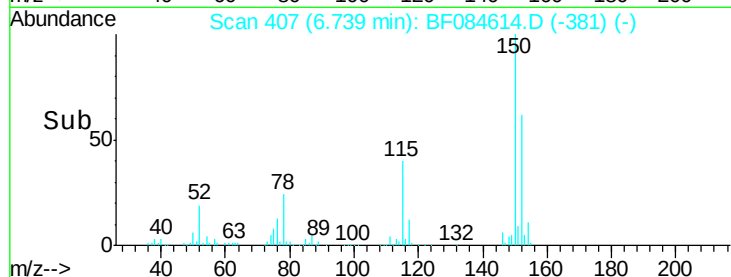
115 63.6 51.4 77.2



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: 32.40 ng

RT: 2.36 min Scan# 24

Delta R.T. 0.11 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

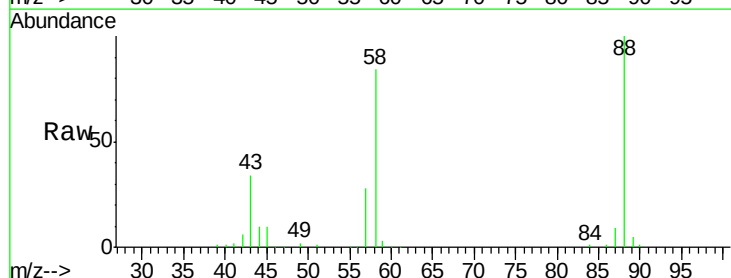
Tgt Ion: 88 Resp: 201627

Ion Ratio Lower Upper

88 100

58 84.6 51.2 76.8#

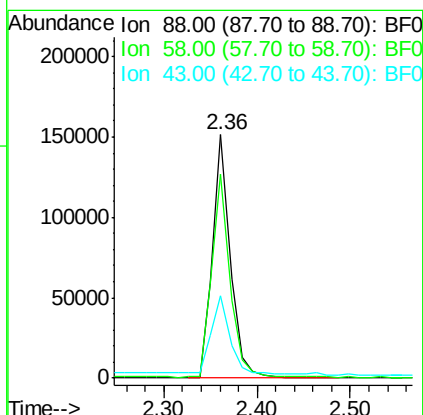
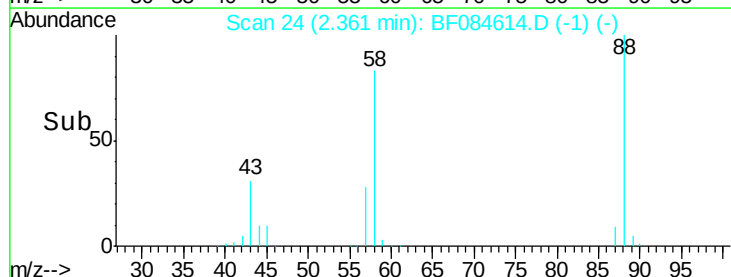
43 33.7 19.5 29.3#

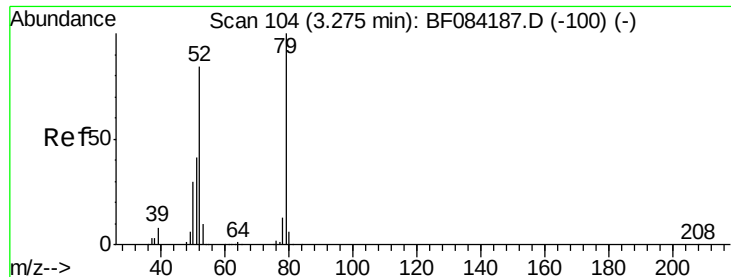


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 27.18 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.10 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

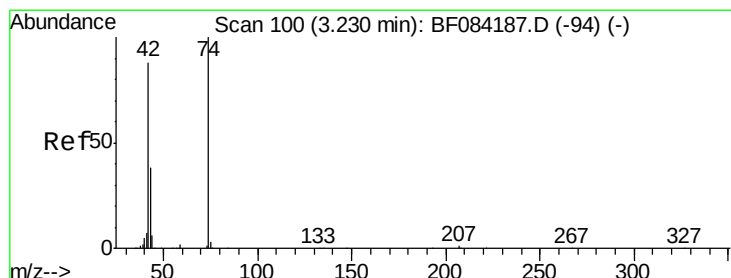
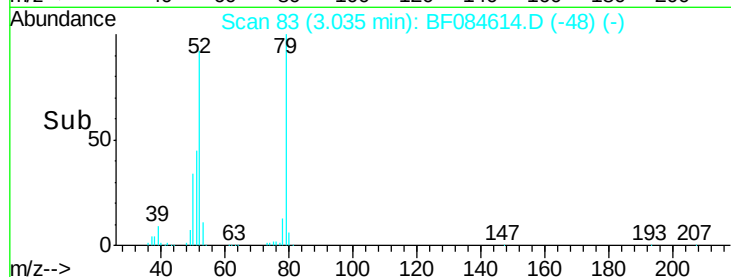
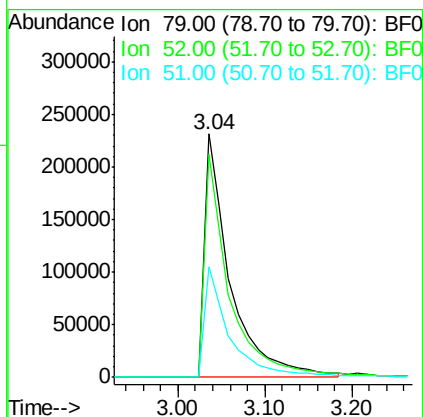
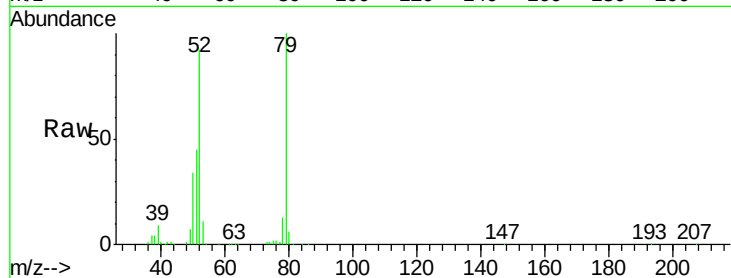
Tgt Ion: 79 Resp: 471597

Ion Ratio Lower Upper

79 100

52 91.7 49.0 73.4#

51 45.2 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 29.73 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.10 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

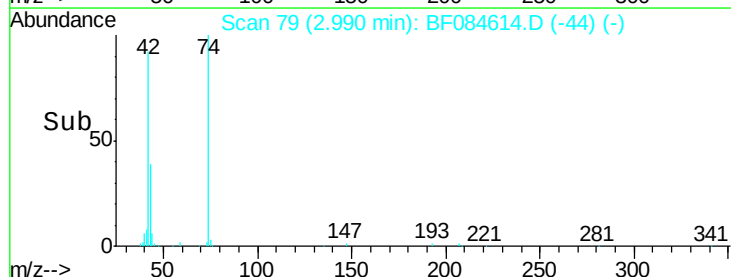
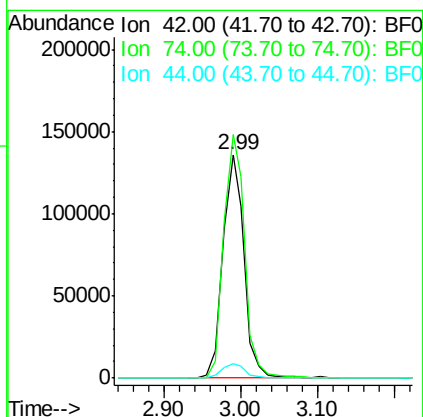
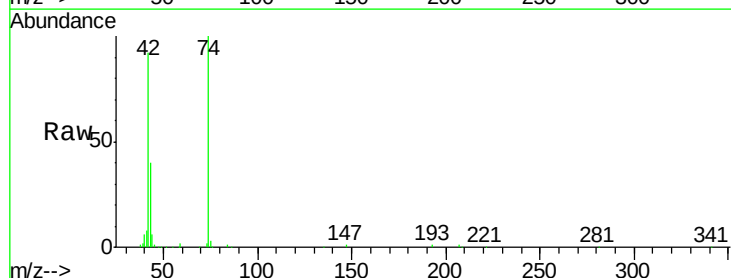
Tgt Ion: 42 Resp: 264766

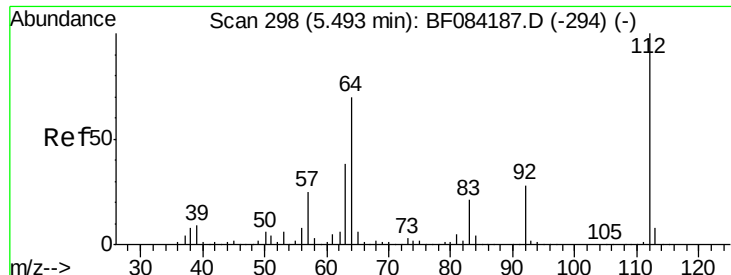
Ion Ratio Lower Upper

42 100

74 108.9 115.7 173.5#

44 6.6 5.1 7.7





#5

2-Fluorophenol

Concen: 76.63 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

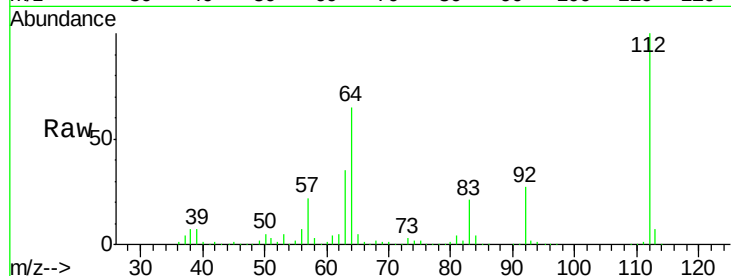
Tgt Ion: 112 Resp: 1006752

Ion Ratio Lower Upper

112 100

64 65.0 36.6 55.0#

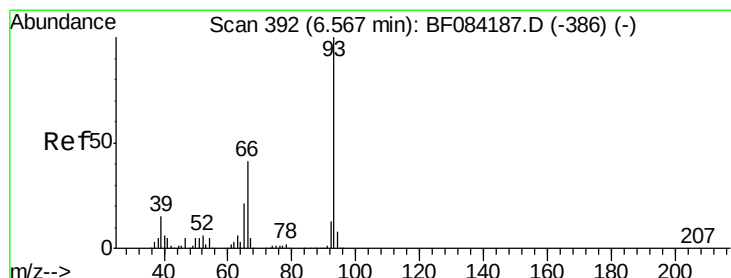
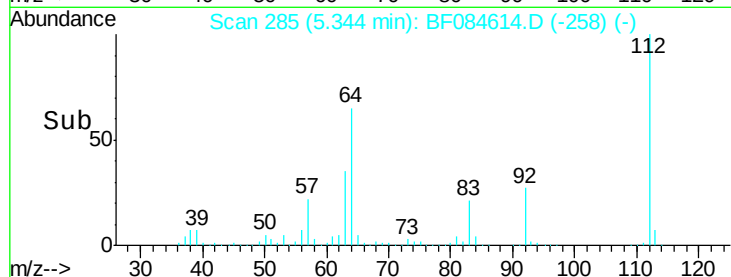
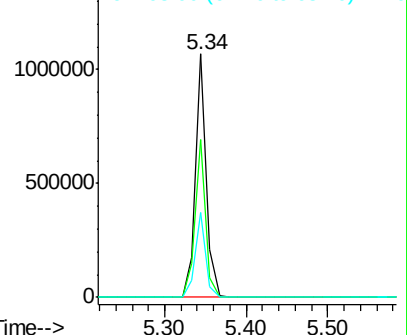
63 34.7 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.87 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

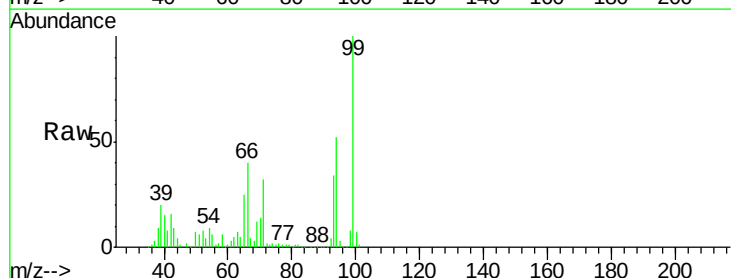
Tgt Ion: 93 Resp: 334670

Ion Ratio Lower Upper

93 100

66 117.8 44.9 67.3#

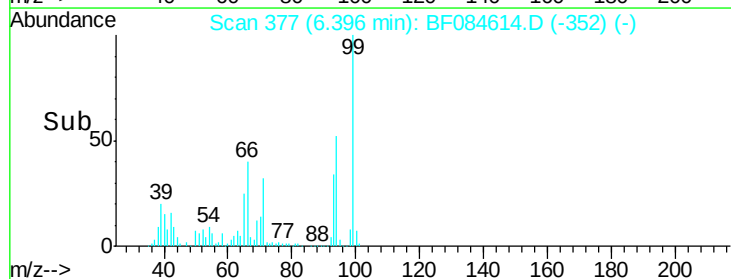
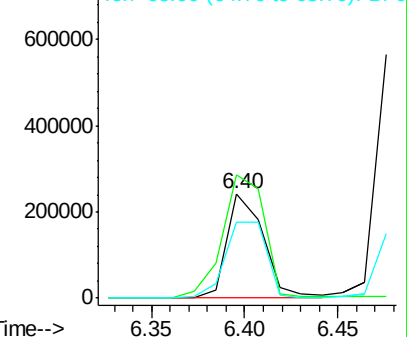
65 73.1 23.7 35.5#

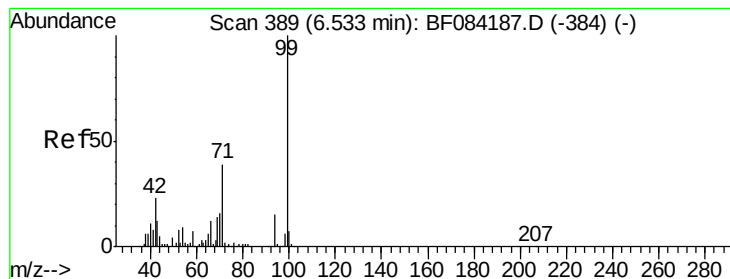


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.40 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

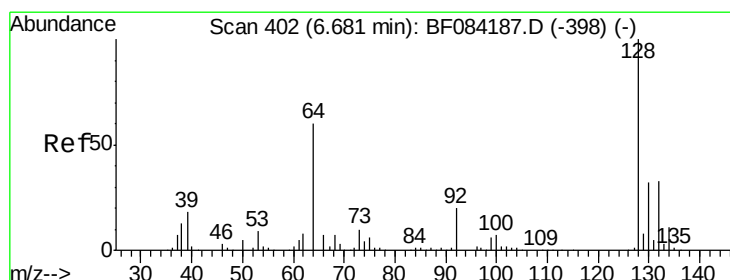
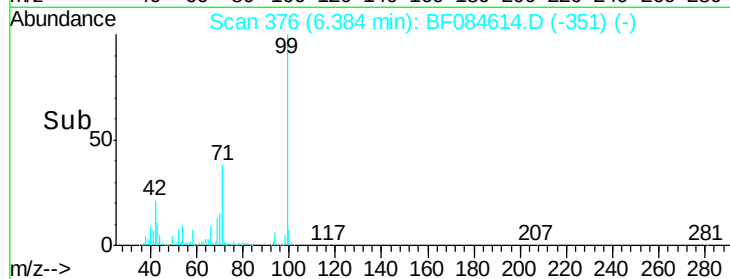
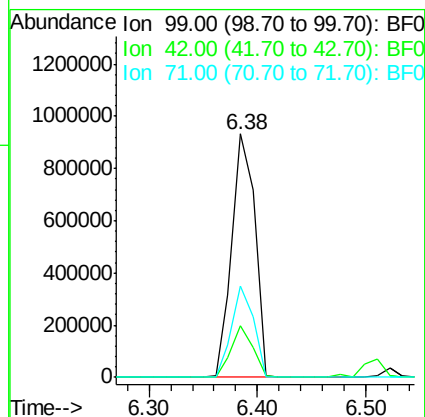
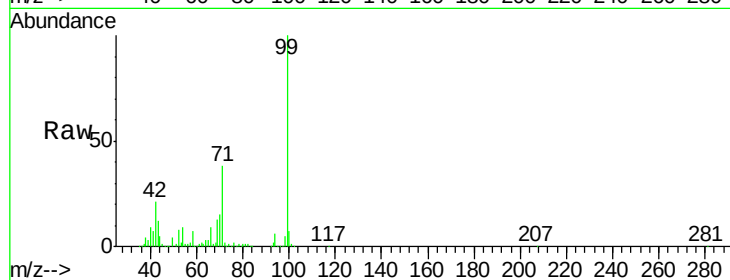
BNA_F

ClientSampleId :

PB87944BS

Tgt Ion: 99 Resp: 1359592

Ion	Ratio	Lower	Upper
99	100		
42	21.5	12.8	19.2#
71	37.7	30.9	46.3



#8

2-Chlorophenol

Concen: 38.07 ng

RT: 6.52 min Scan# 388

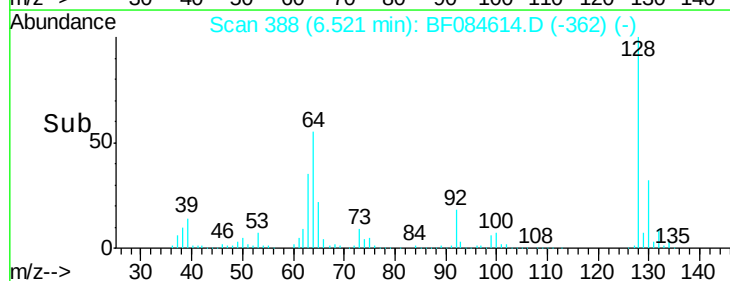
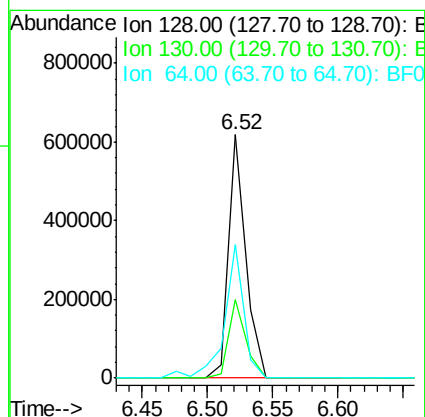
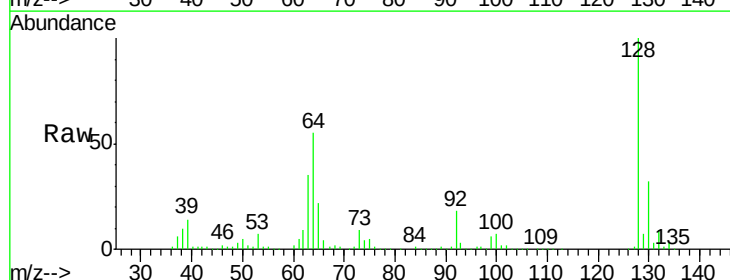
Delta R.T. -0.00 min

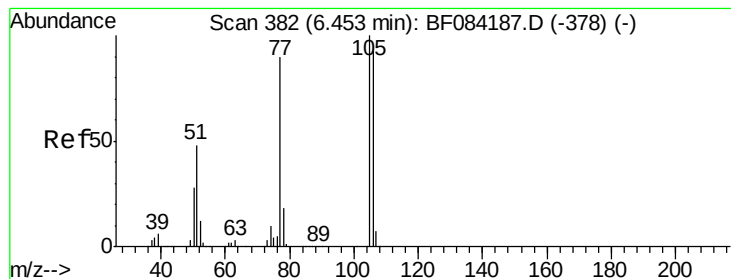
Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion: 128 Resp: 567391

Ion	Ratio	Lower	Upper
128	100		
130	32.2	11.6	51.6
64	54.7	23.8	63.8





#9

Benzaldehyde

Concen: 4.33 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

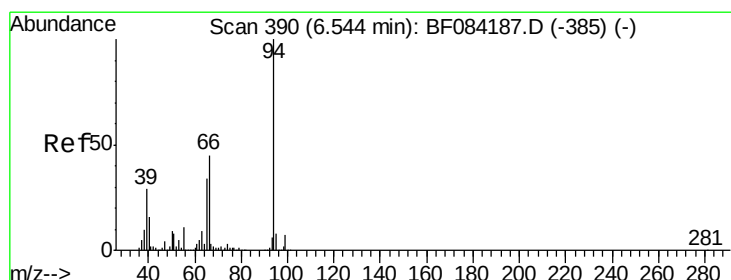
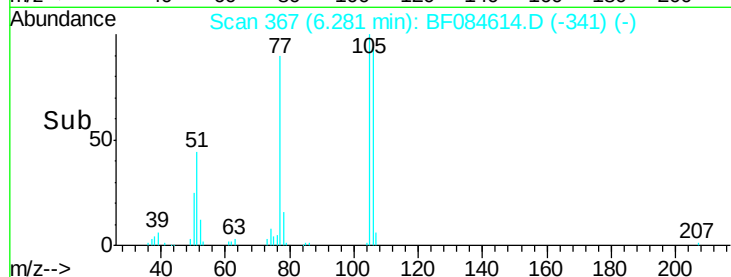
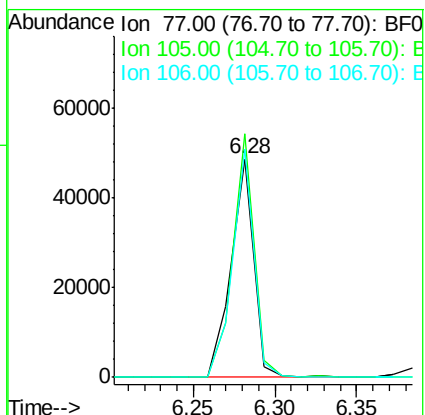
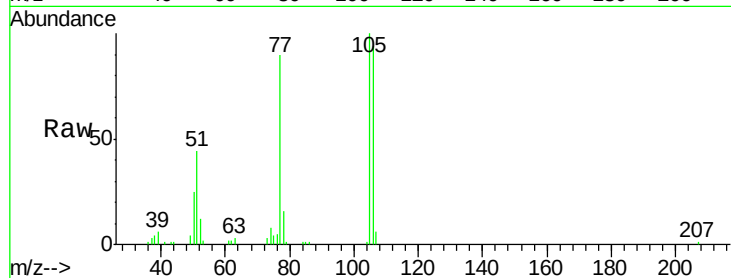
Tgt Ion: 77 Resp: 46516

Ion Ratio Lower Upper

77 100

105 111.5 83.0 123.0

106 104.4 74.6 114.6



#10

Phenol

Concen: 37.35 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

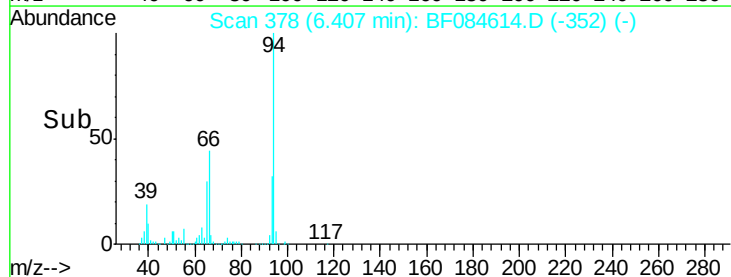
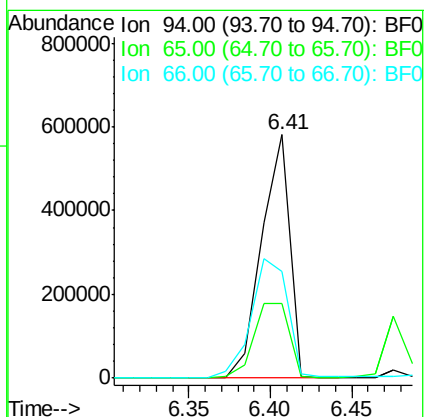
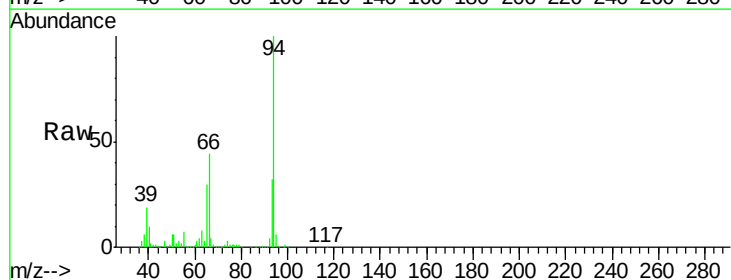
Tgt Ion: 94 Resp: 700711

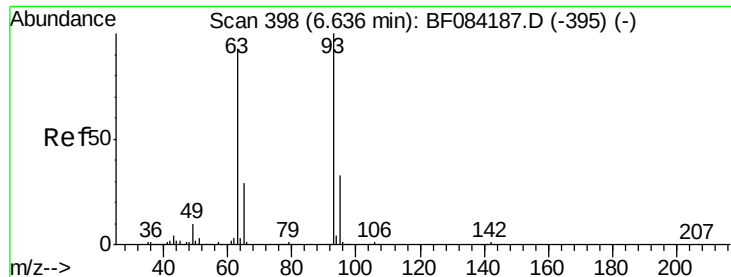
Ion Ratio Lower Upper

94 100

65 30.4 12.9 52.9

66 43.8 32.7 72.7

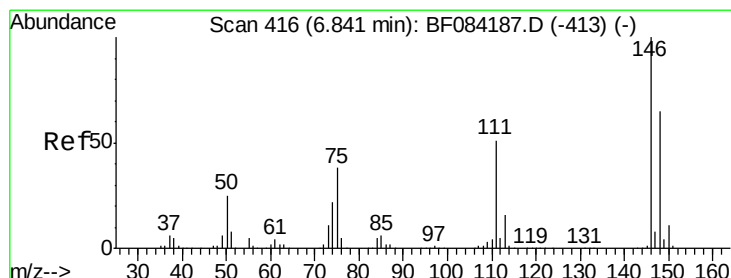
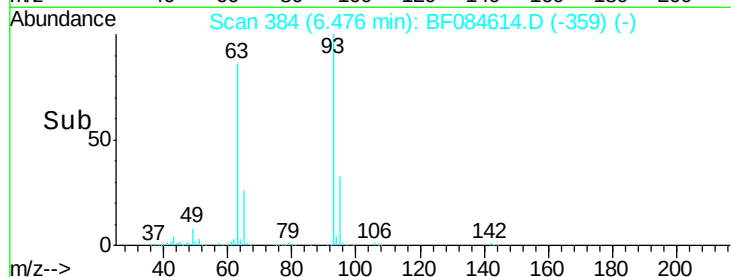
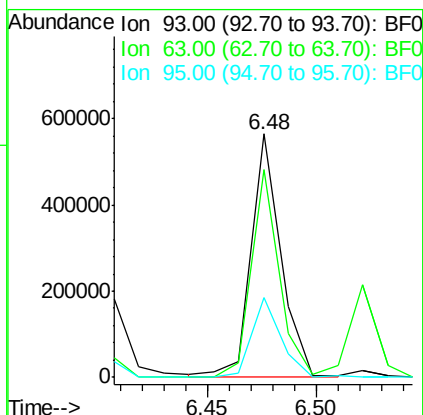
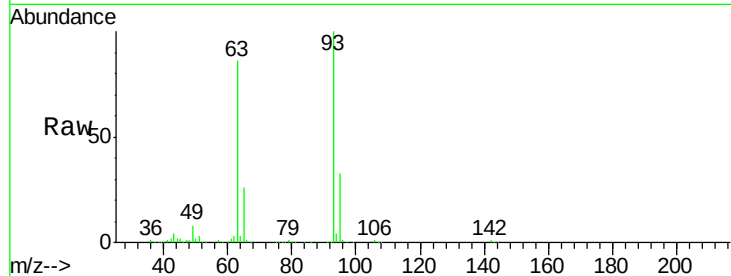




#11
bis(2-Chloroethyl)ether
Concen: 37.03 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

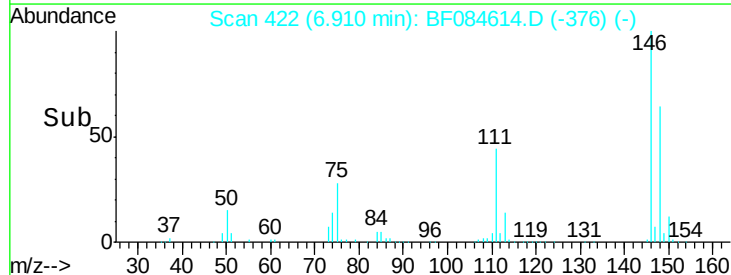
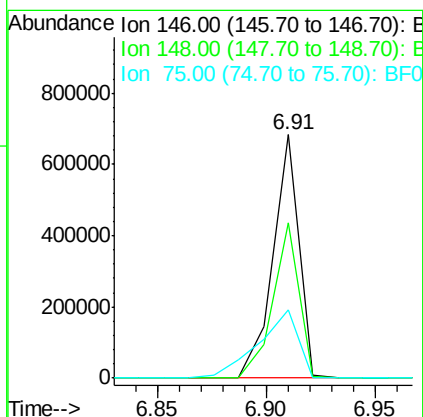
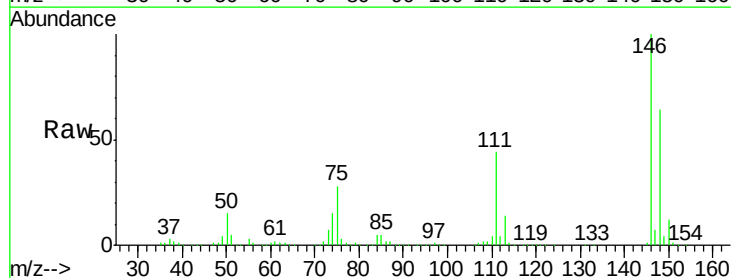
Instrument :
BNA_F
ClientSampleId :
PB87944BS

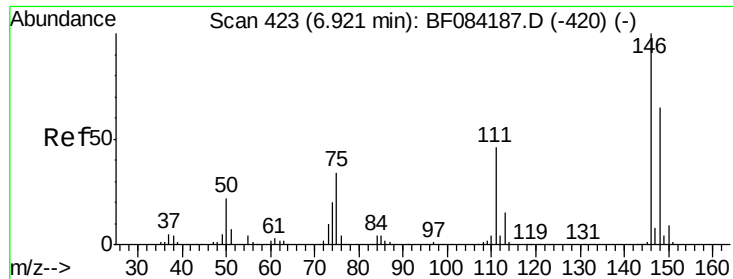
Tgt Ion: 93 Resp: 538117
Ion Ratio Lower Upper
93 100
63 85.6 45.9 85.9
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 37.40 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.23 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion: 146 Resp: 575088
Ion Ratio Lower Upper
146 100
148 63.9 51.9 77.9
75 28.0 20.5 30.7

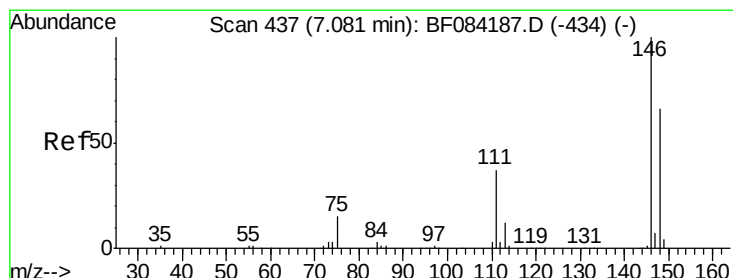
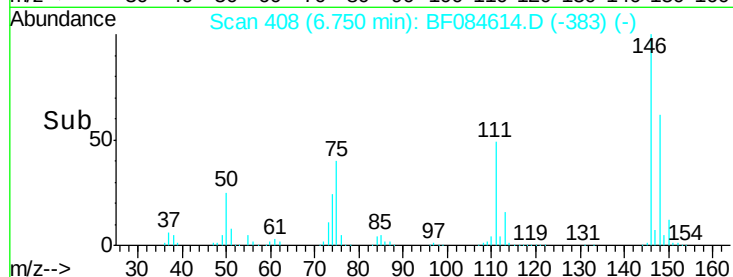
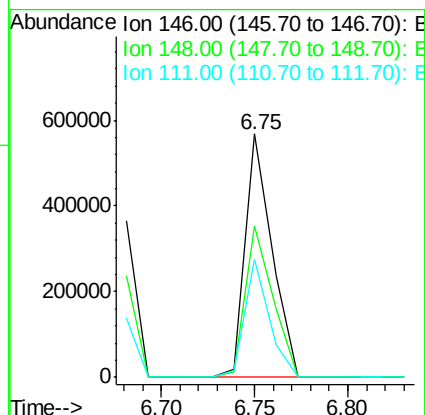
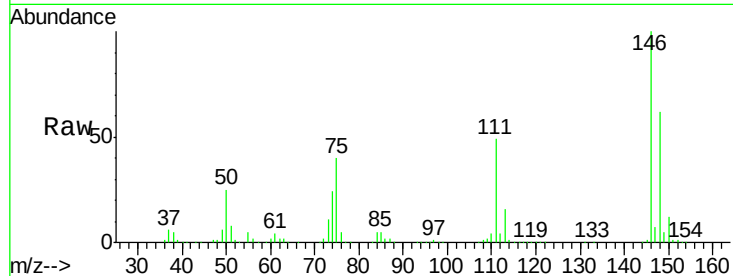




#13
 1,4-Dichlorobenzene
 Concen: 36.81 ng
 RT: 6.75 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

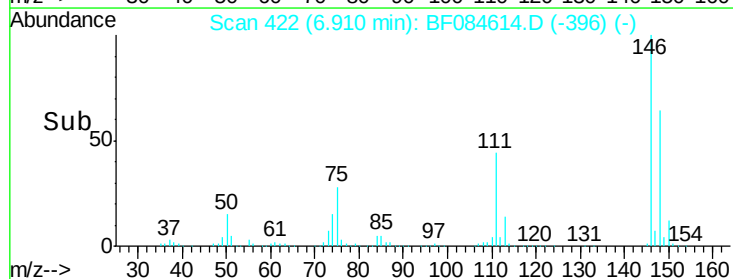
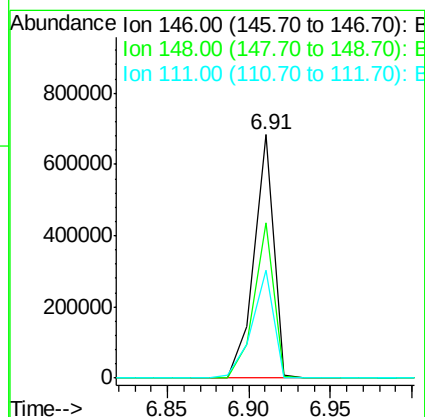
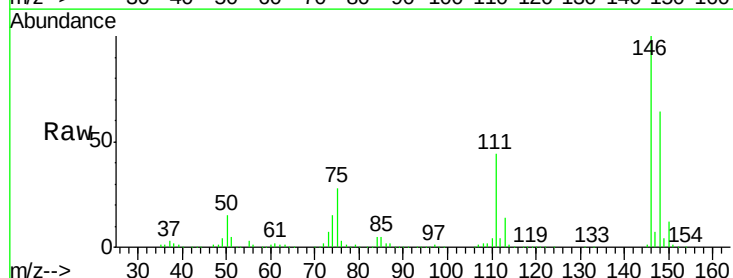
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

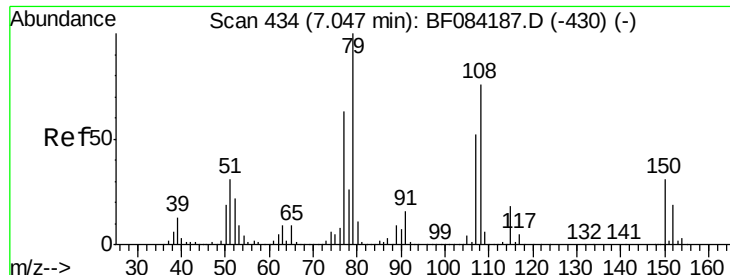
Tgt Ion:146 Resp: 567527
 Ion Ratio Lower Upper
 146 100
 148 62.2 51.9 77.9
 111 48.6 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 38.94 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:146 Resp: 575018
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.6 77.4
 111 44.1 38.0 57.0





#15

Benzyl Alcohol

Concen: 32.80 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

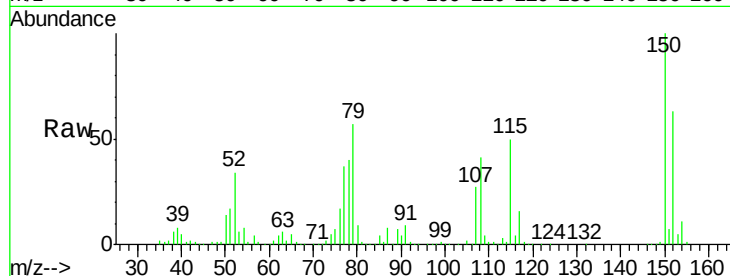
Tgt Ion: 79 Resp: 455304

Ion Ratio Lower Upper

79 100

108 72.3 69.0 103.4

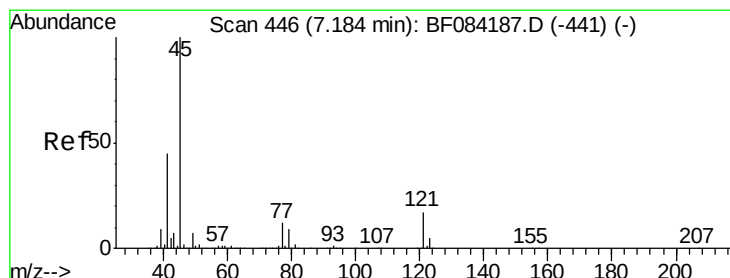
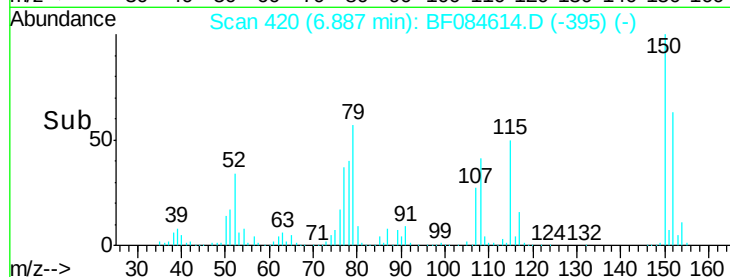
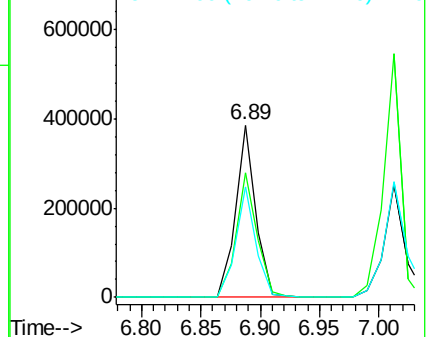
77 64.6 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.58 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

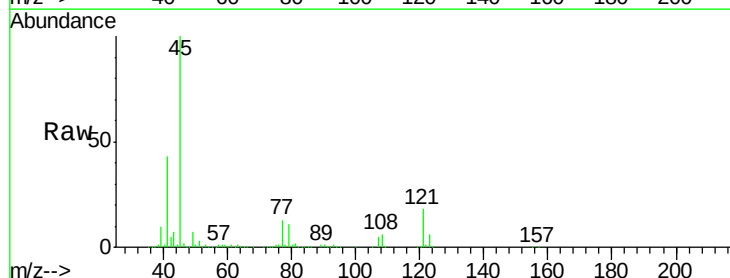
Tgt Ion: 45 Resp: 862126

Ion Ratio Lower Upper

45 100

77 13.3 0.0 39.6

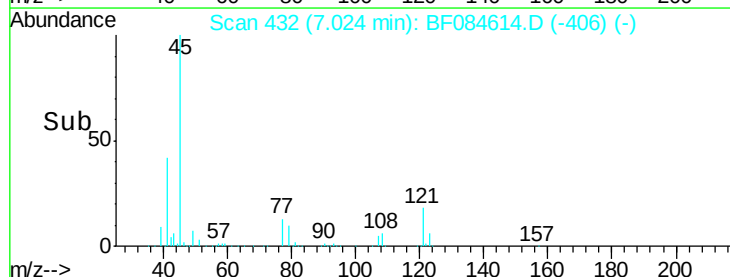
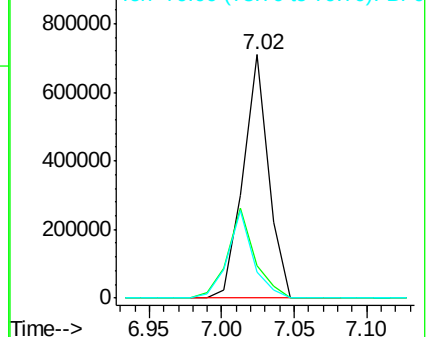
79 10.8 0.0 35.0

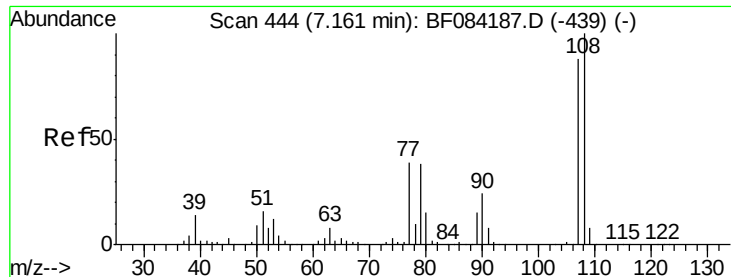


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

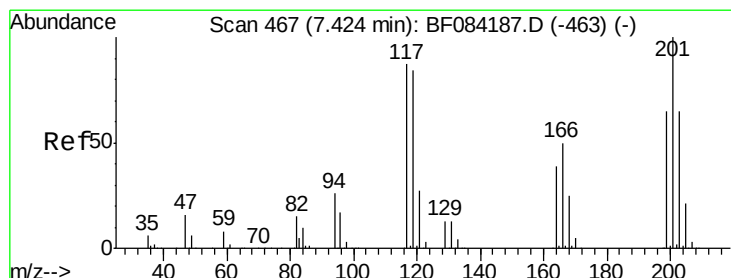
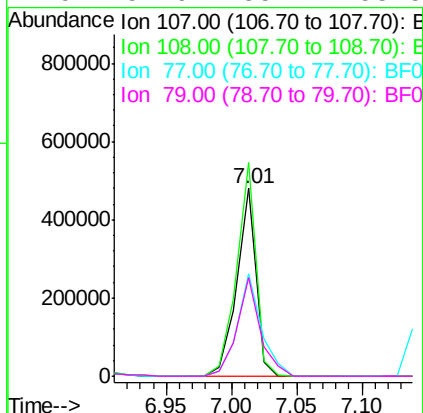
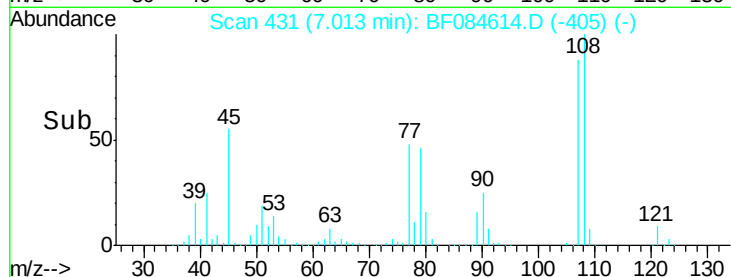
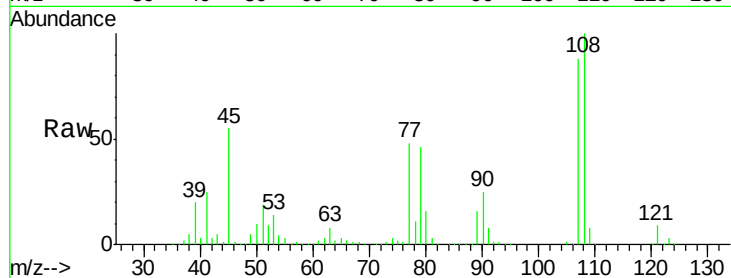




#17
2-Methylphenol
Concen: 38.87 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

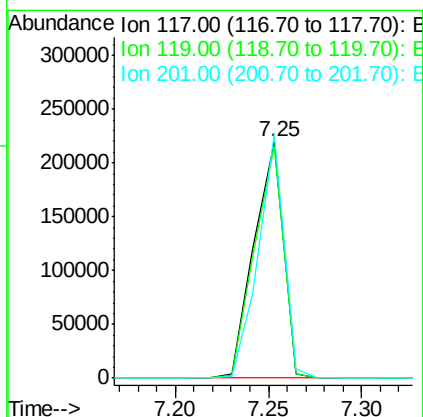
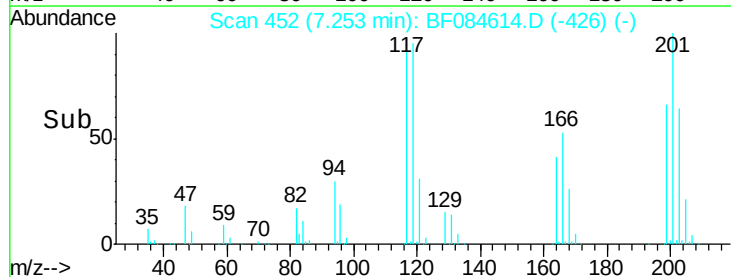
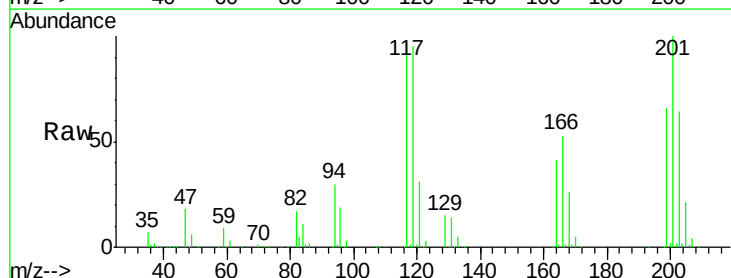
Instrument :
BNA_F
ClientSampleId :
PB87944BS

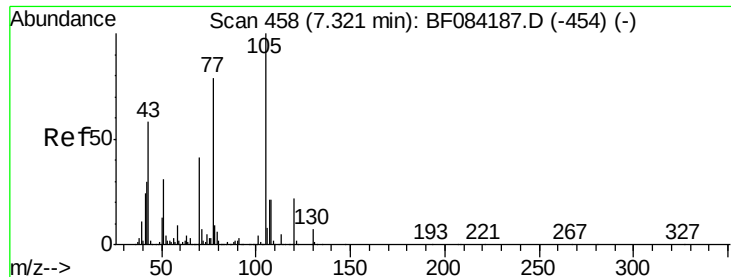
Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.8	134.6
77	54.4	35.7	53.5
79	52.9	35.7	53.5



#18
Hexachloroethane
Concen: 38.65 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
201	103.0	68.6	103.0

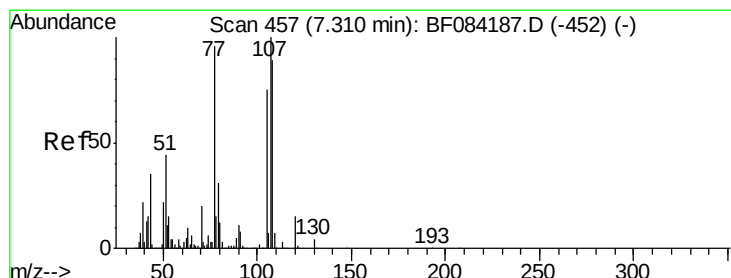
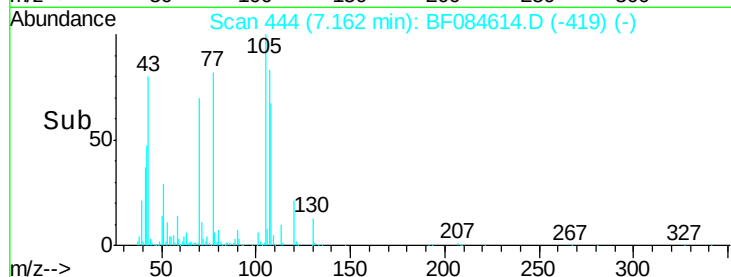
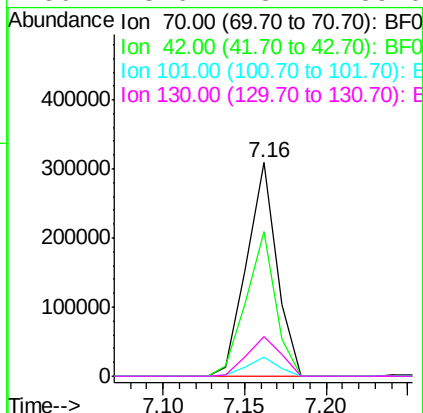
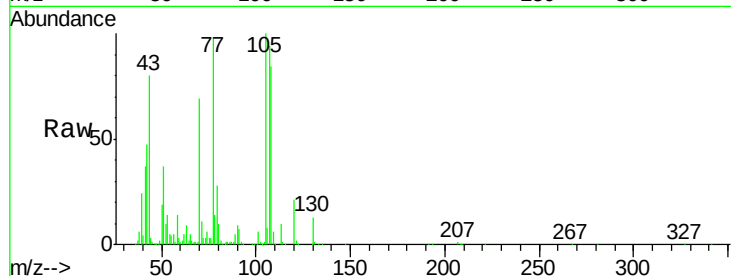




#19
n-Nitroso-di-n-propylamine
Concen: 35.55 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

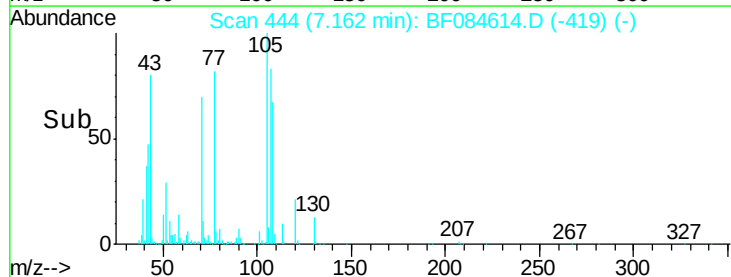
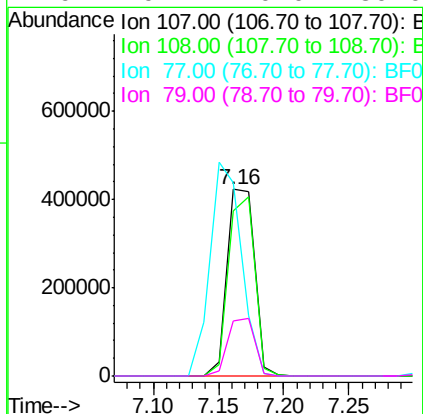
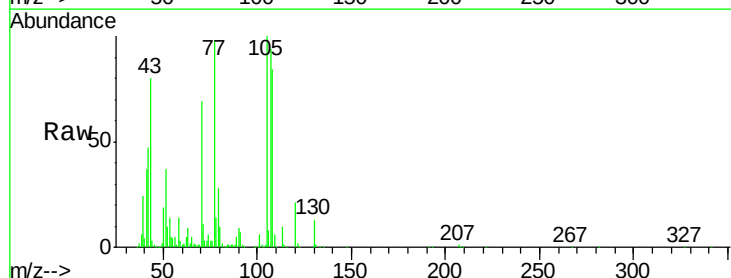
Instrument :
BNA_F
ClientSampleId :
PB87944BS

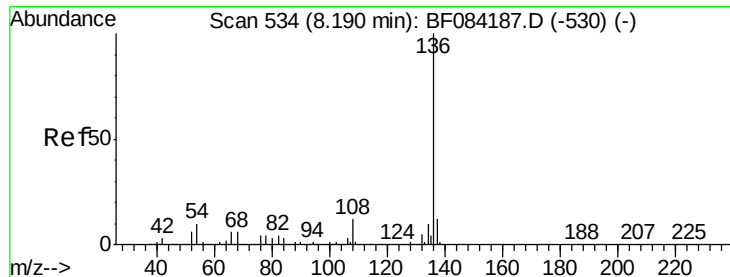
Tgt Ion: 70 Resp: 397077
Ion Ratio Lower Upper
70 100
42 67.5 33.3 49.9#
101 8.8 9.3 13.9#
130 18.6 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.04 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion: 107 Resp: 617288
Ion Ratio Lower Upper
107 100
108 88.8 74.6 114.6
77 103.4 0.7 40.7#
79 29.2 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tgt Ion:136 Resp: 911196

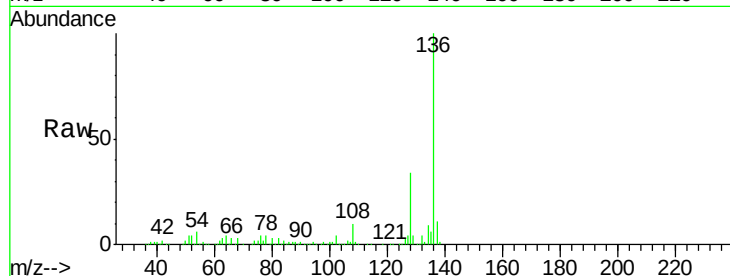
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.1 5.8 8.8

68 3.5 4.2 6.2#

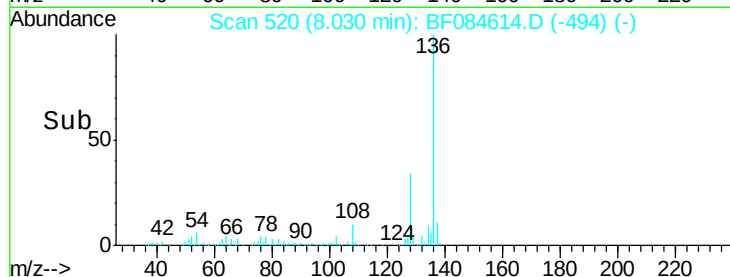


Abundance Ion 136.00 (135.70 to 136.70): E

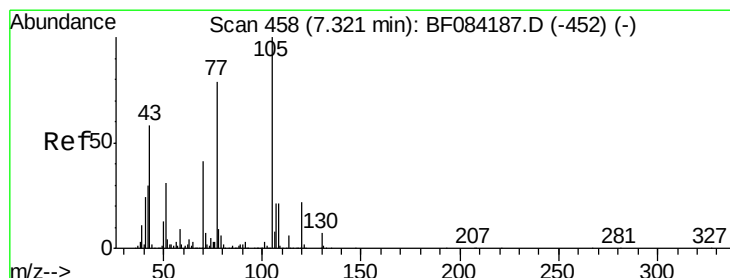
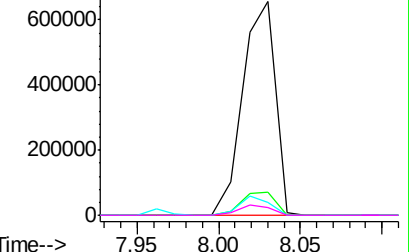
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.65 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:105 Resp: 824972

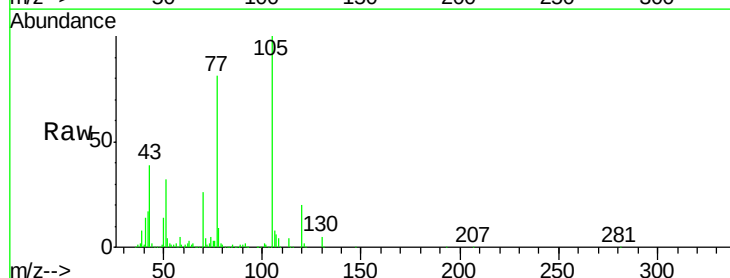
Ion Ratio Lower Upper

105 100

71 4.1 3.7 5.5

51 32.4 25.1 37.7

120 19.9 16.6 25.0

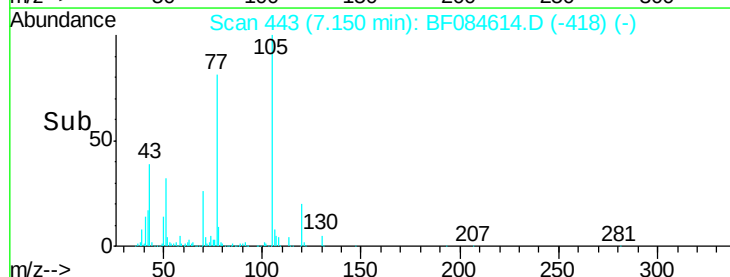


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

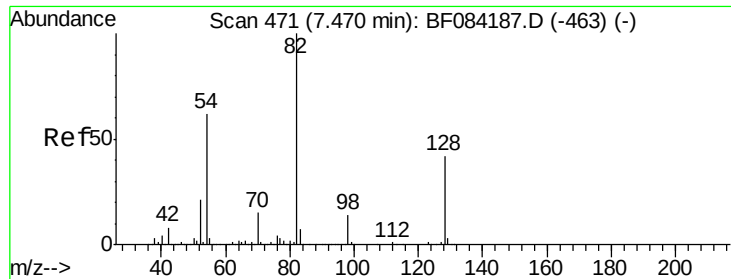
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

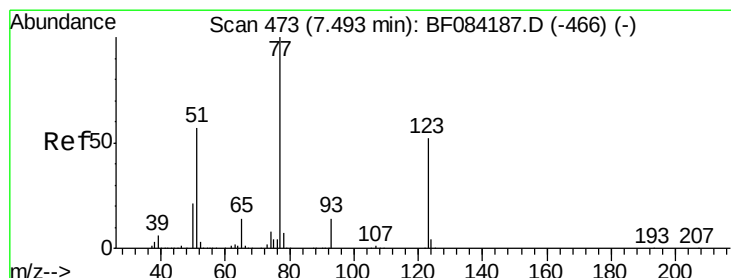
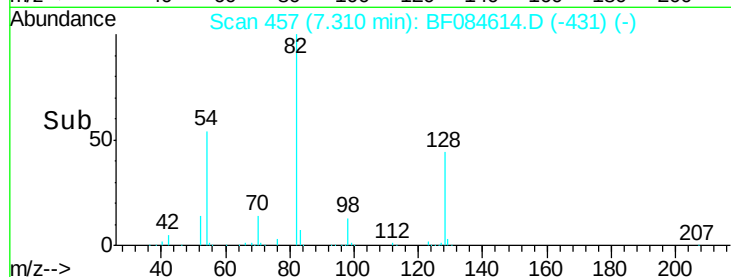
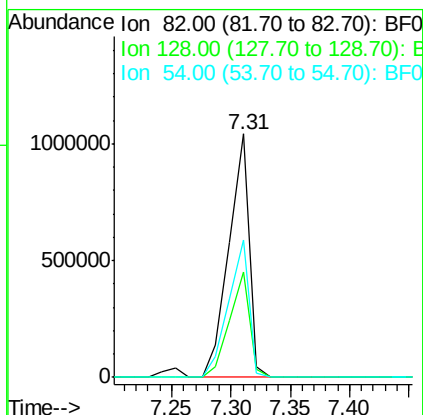
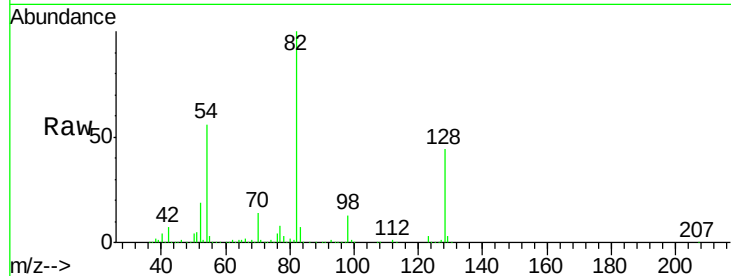




#23
 Nitrobenzene-d5
 Concen: 75.72 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

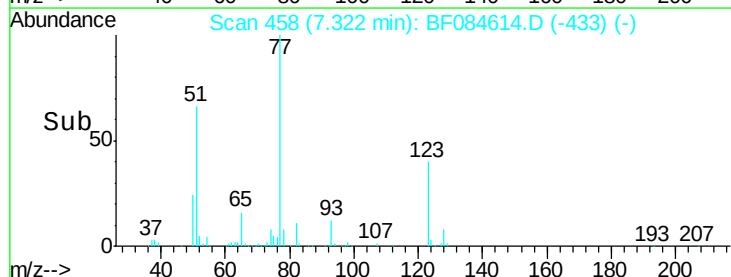
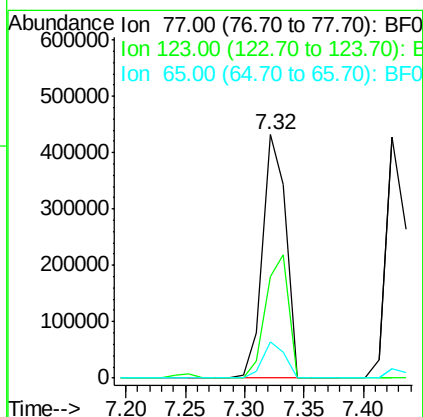
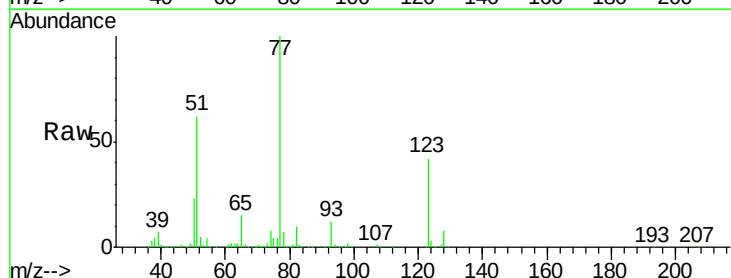
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

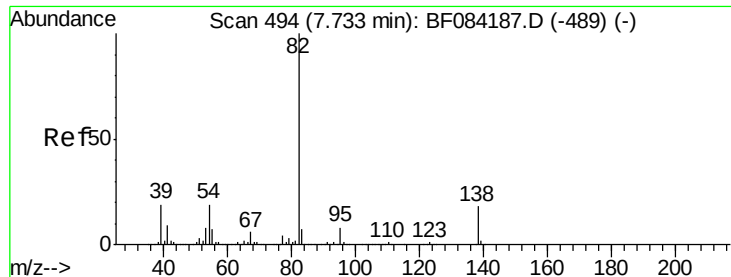
Tgt Ion: 82 Resp: 1239631
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 51.8
 54 56.2 38.4 57.6



#24
 Nitrobenzene
 Concen: 35.54 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion: 77 Resp: 590105
 Ion Ratio Lower Upper
 77 100
 123 41.8 37.4 56.2
 65 14.7 10.9 16.3





#25

Isophorone

Concen: 36.88 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

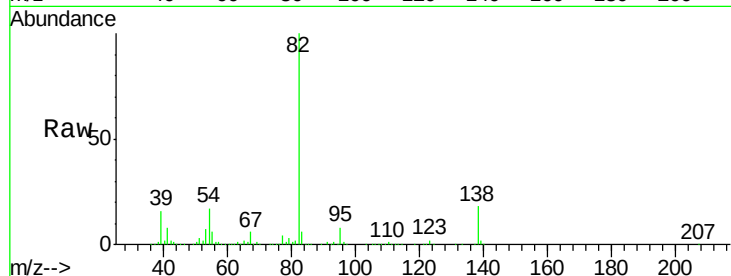
Tgt Ion: 82 Resp: 1154771

Ion Ratio Lower Upper

82 100

95 7.9 6.6 10.0

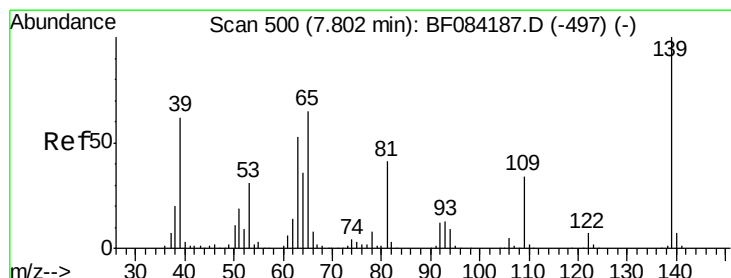
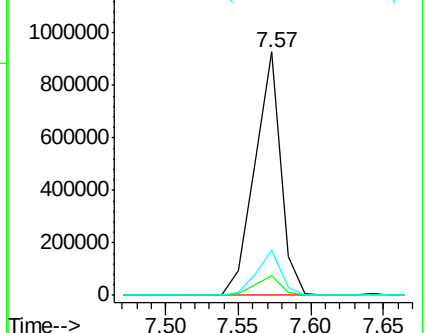
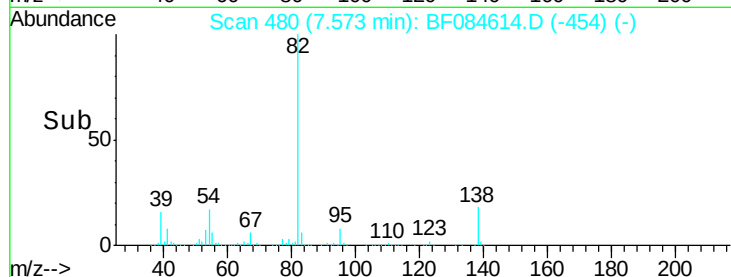
138 18.5 13.6 20.4



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: 39.94 ng

RT: 7.64 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

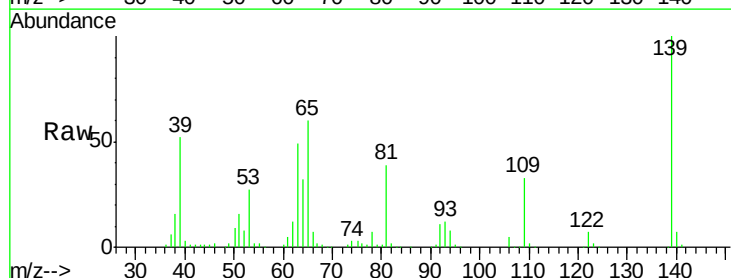
Tgt Ion: 139 Resp: 301879

Ion Ratio Lower Upper

139 100

109 33.1 25.4 38.2

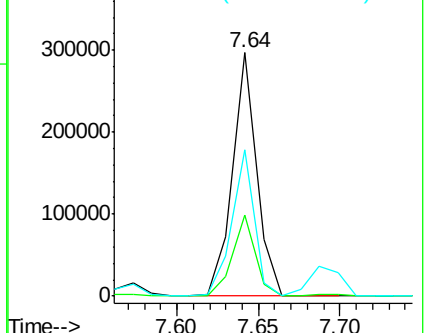
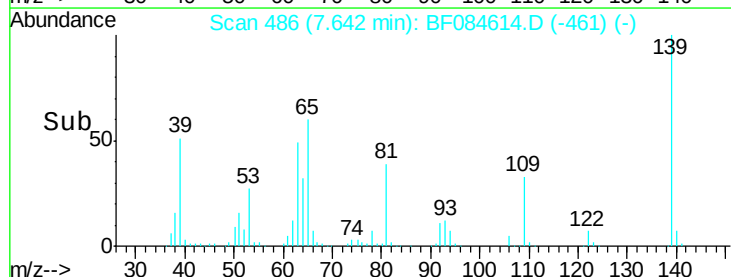
65 60.0 32.3 48.5#

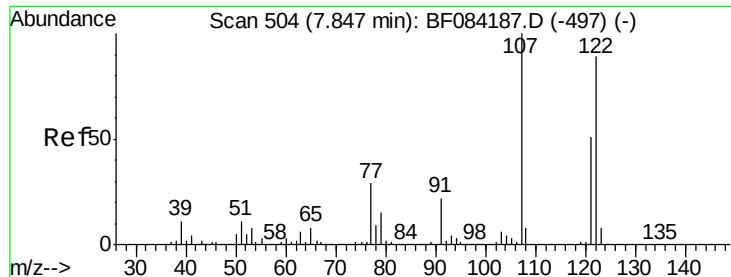


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 37.52 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

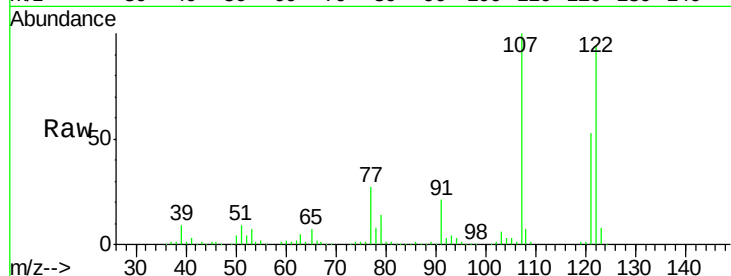
Tgt Ion:122 Resp: 573931

Ion Ratio Lower Upper

122 100

107 106.2 99.1 148.7

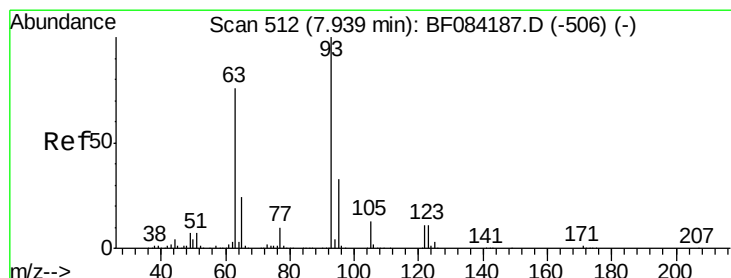
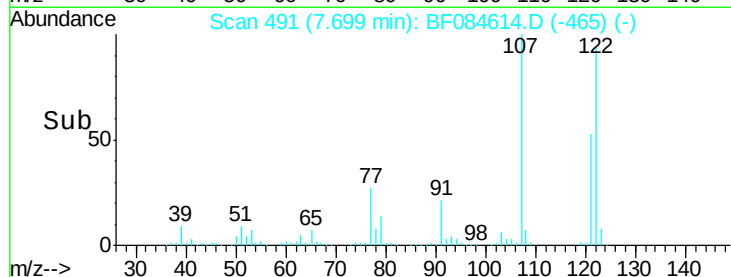
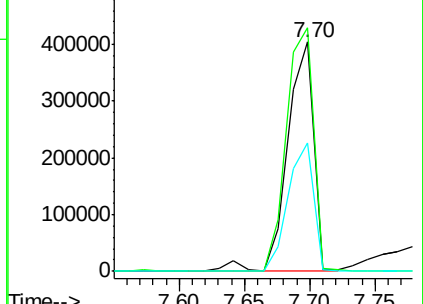
121 56.2 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.92 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

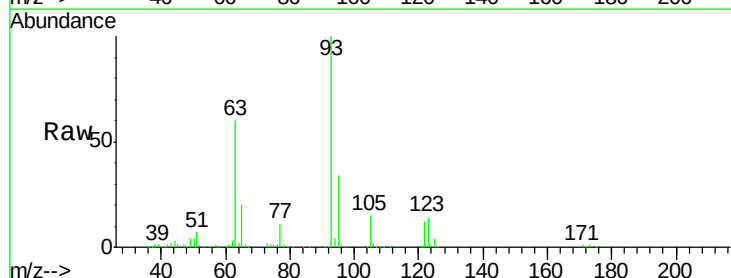
Tgt Ion: 93 Resp: 706141

Ion Ratio Lower Upper

93 100

95 34.3 25.8 38.6

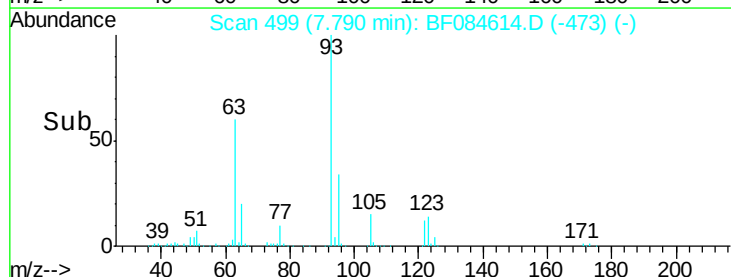
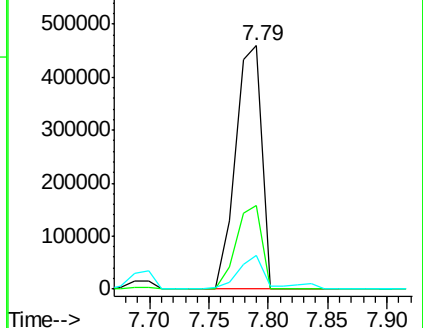
123 13.7 8.6 12.8#

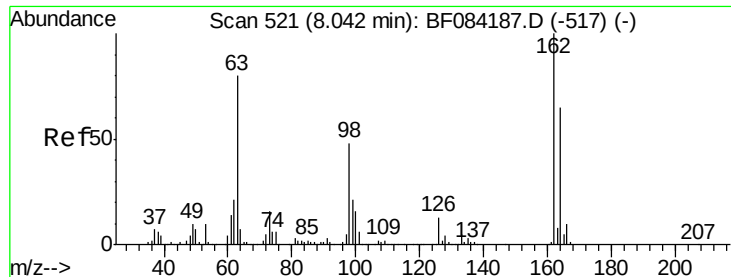


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

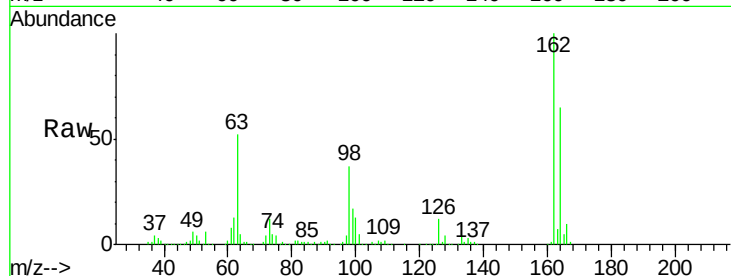




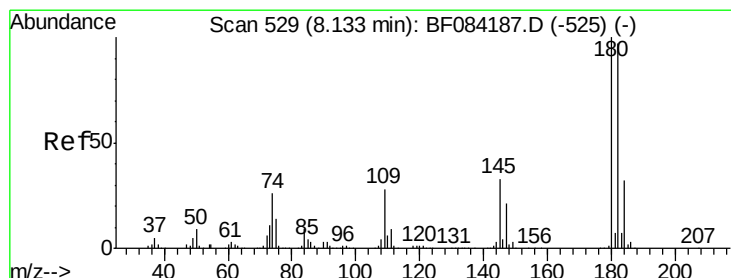
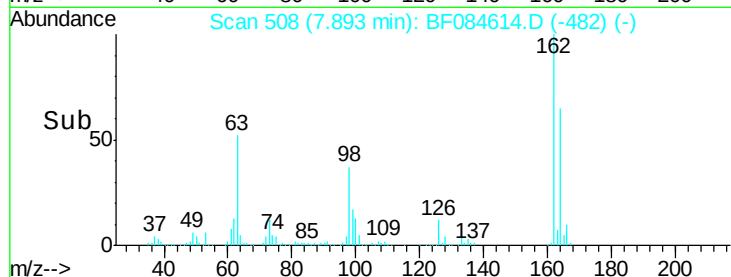
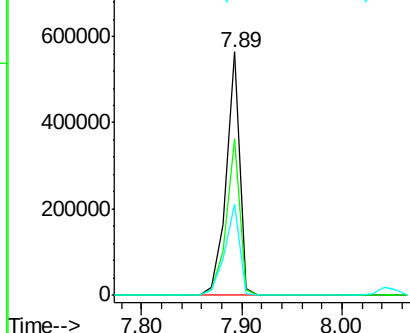
#29
 2,4-Dichlorophenol
 Concen: 41.45 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tgt Ion:162 Resp: 528210
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.1 84.1
 98 37.4 20.2 60.2

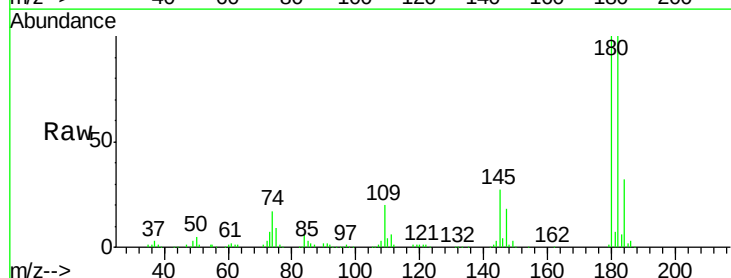


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

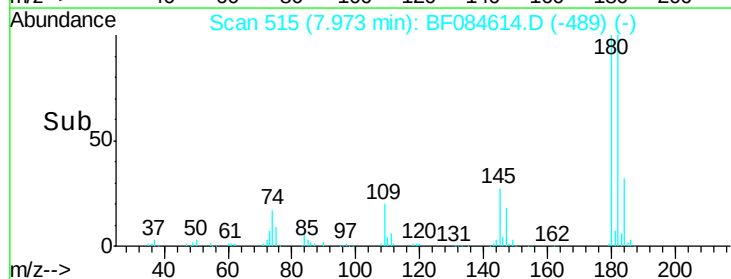
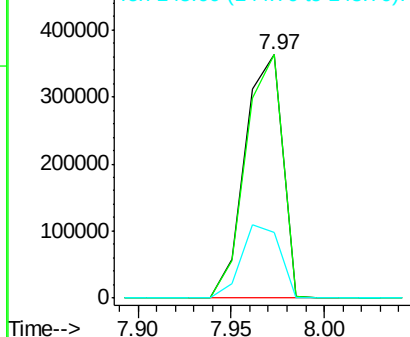


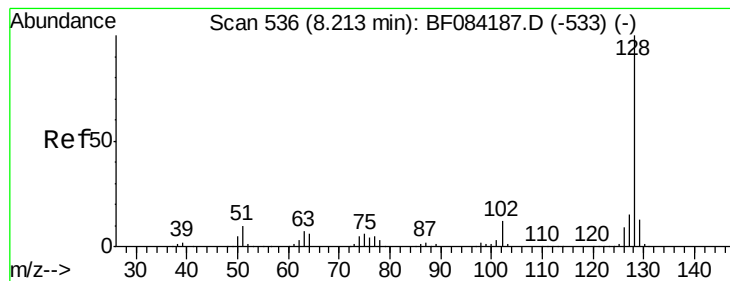
#30
 1,2,4-Trichlorobenzene
 Concen: 38.32 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:180 Resp: 504126
 Ion Ratio Lower Upper
 180 100
 182 100.0 76.4 114.6
 145 27.2 31.6 47.4#



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





#31

Naphthalene

Concen: 38.03 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

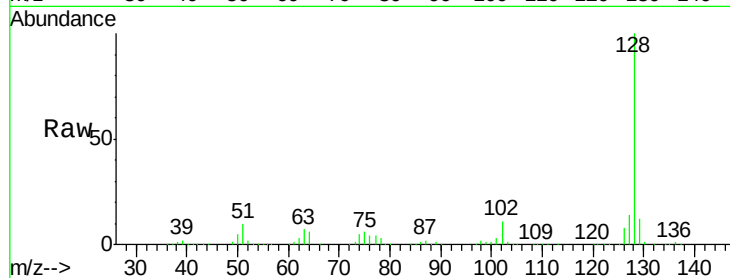
Tgt Ion:128 Resp: 1572140

Ion Ratio Lower Upper

128 100

129 11.7 9.1 13.7

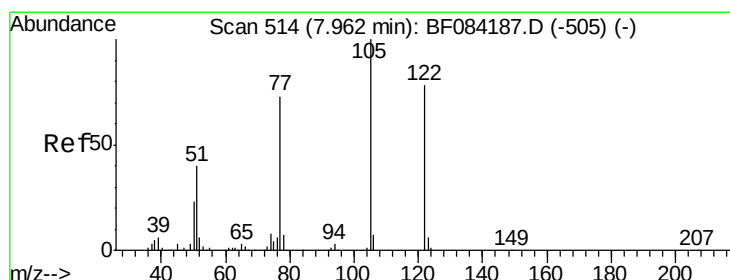
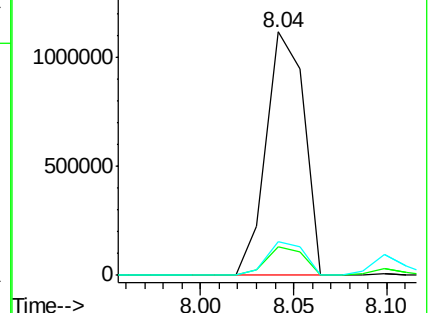
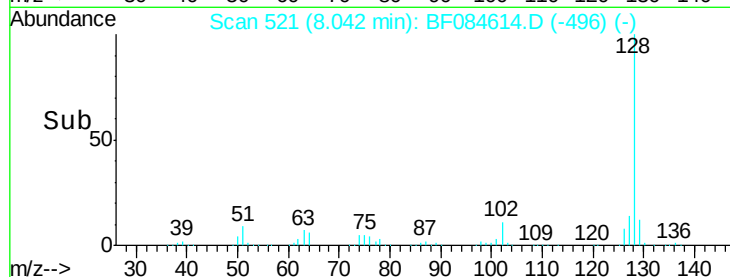
127 13.7 11.1 16.7



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: 41.65 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

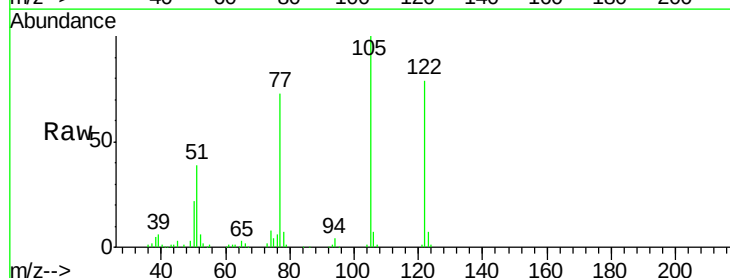
Tgt Ion:122 Resp: 400537

Ion Ratio Lower Upper

122 100

105 126.7 100.3 140.3

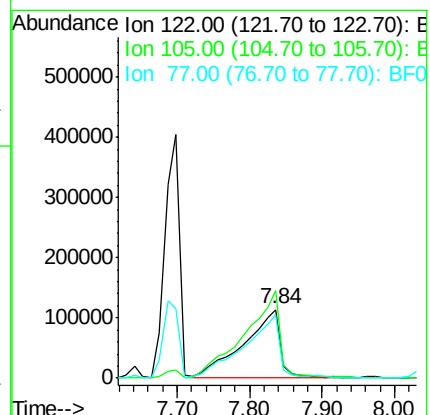
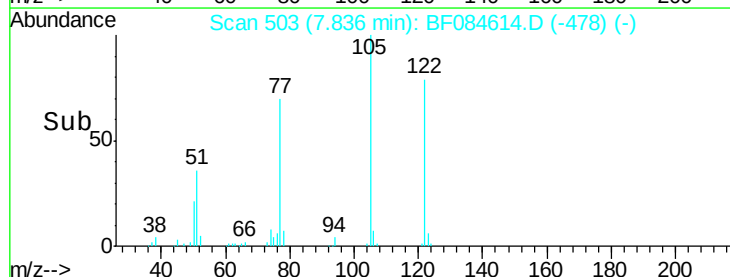
77 91.9 63.5 103.5

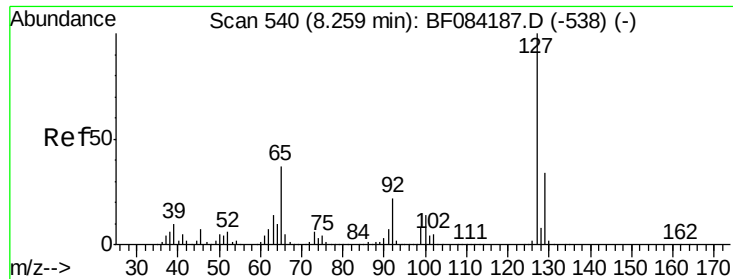


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

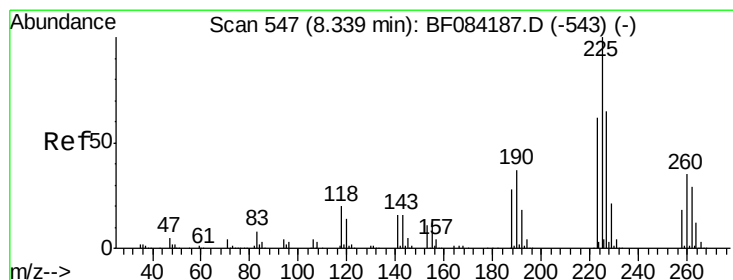
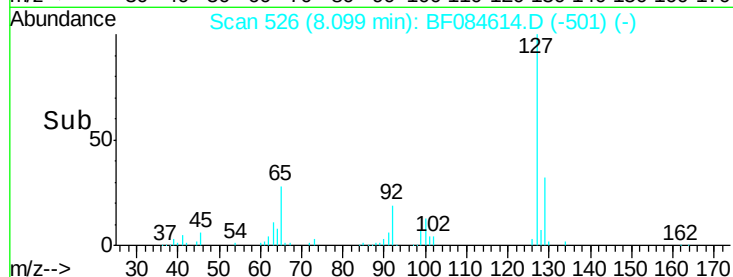
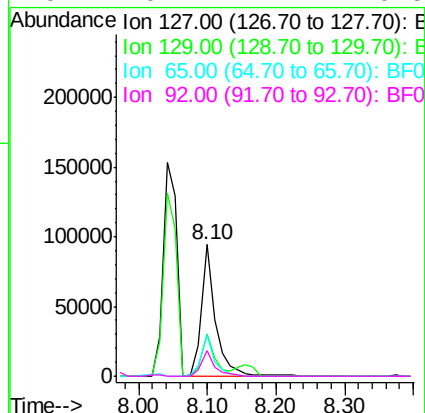
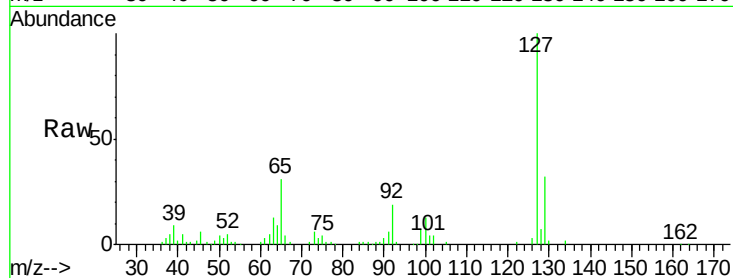




#33
4-Chloroaniline
Concen: 6.94 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

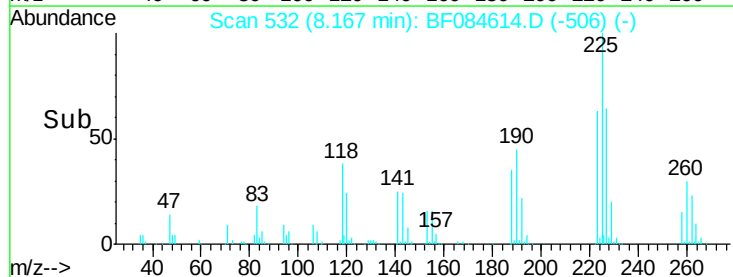
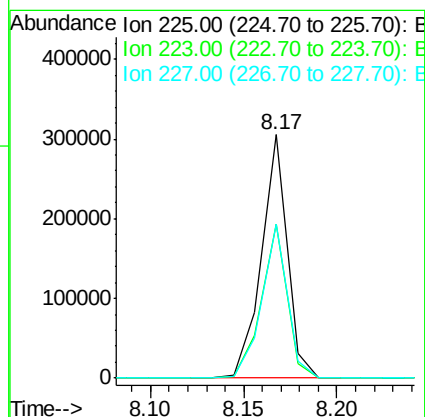
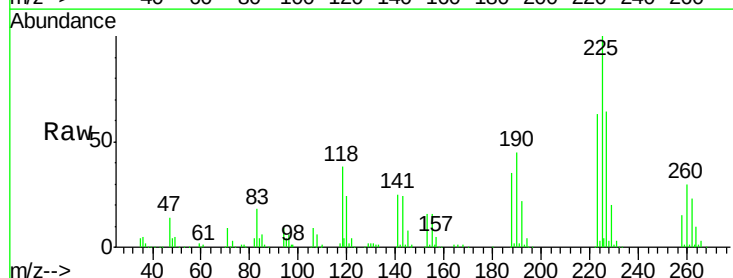
Instrument :
BNA_F
ClientSampleId :
PB87944BS

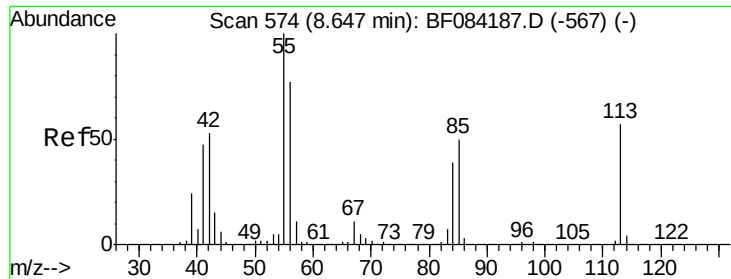
Tgt Ion:	127	Resp:	131606
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	30.8	27.2	40.8
92	19.2	17.7	26.5



#34
Hexachlorobutadiene
Concen: 38.36 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion:	225	Resp:	290113
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.5	50.8	76.2

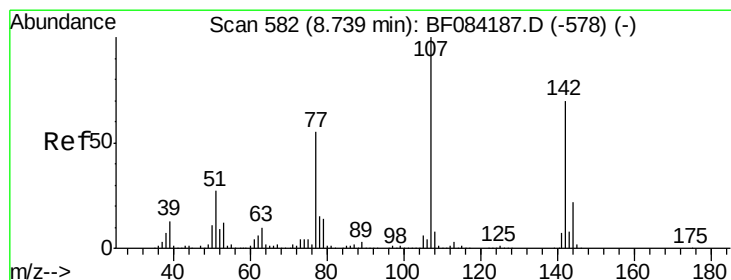
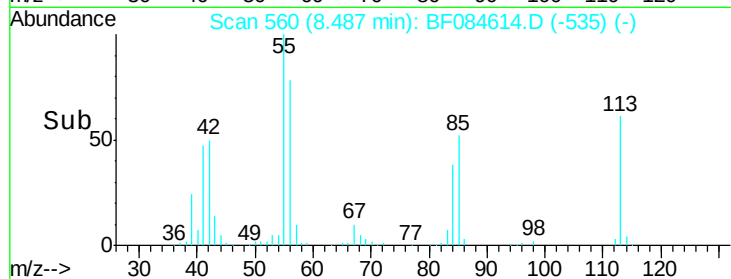
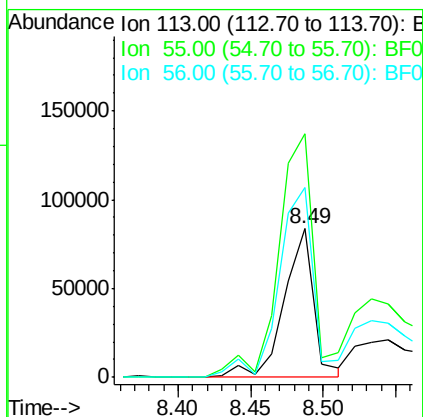
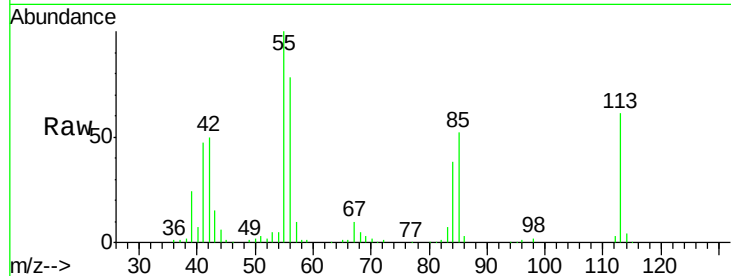




#35
 Caprolactam
 Concen: 27.69 ng
 RT: 8.49 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

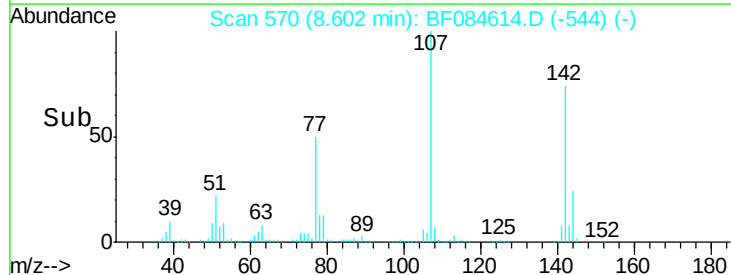
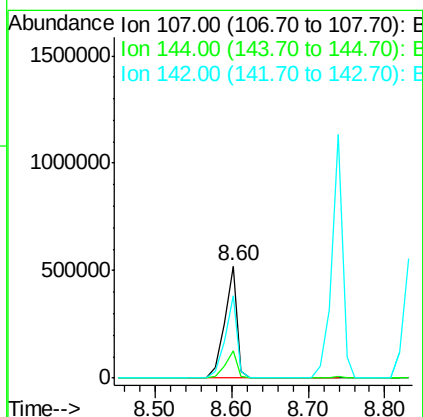
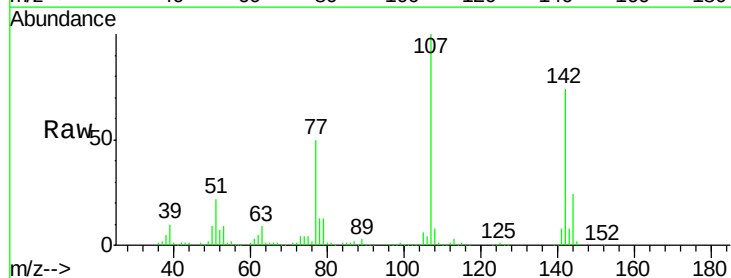
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

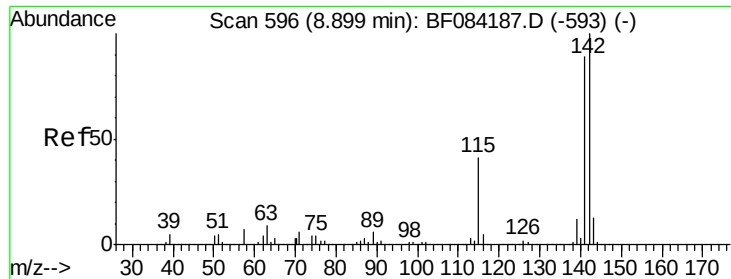
Tgt Ion:113 Resp: 118928
 Ion Ratio Lower Upper
 113 100
 55 163.9 116.9 156.9#
 56 127.6 93.8 133.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.52 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:107 Resp: 592691
 Ion Ratio Lower Upper
 107 100
 144 23.9 19.7 29.5
 142 73.9 61.8 92.6

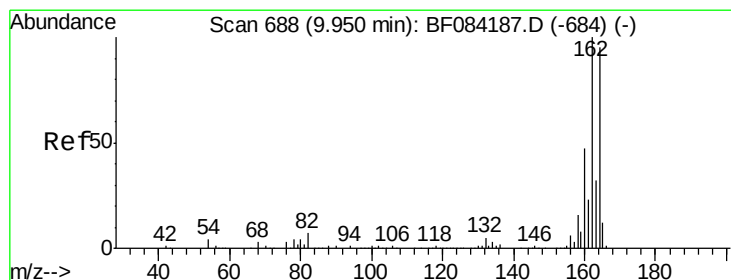
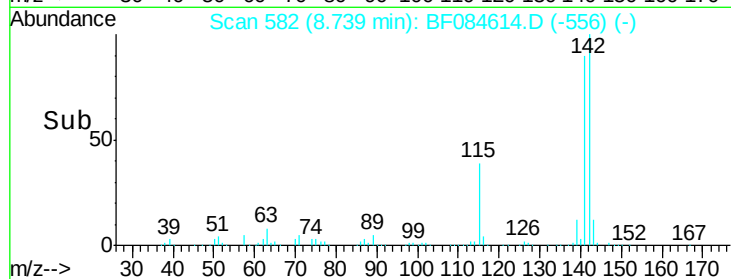
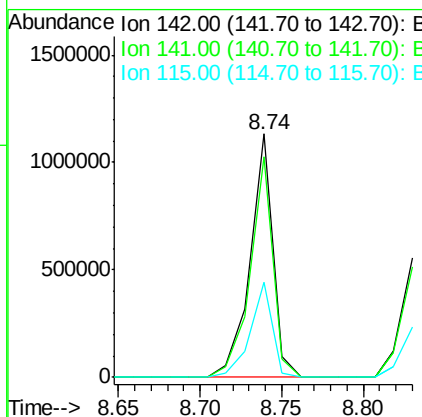
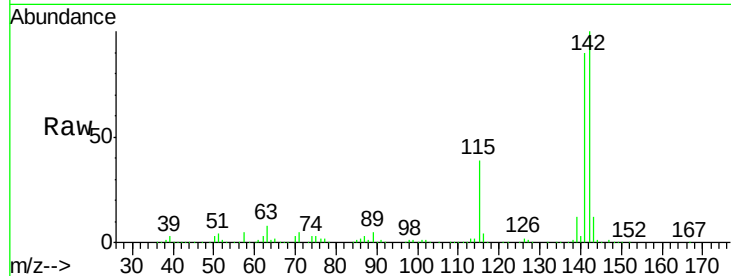




#37
 2-Methylnaphthalene
 Concen: 37.00 ng
 RT: 8.74 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

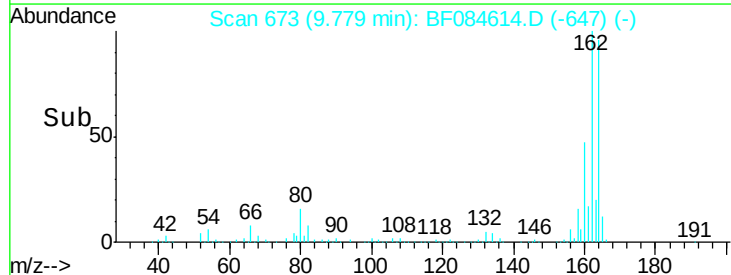
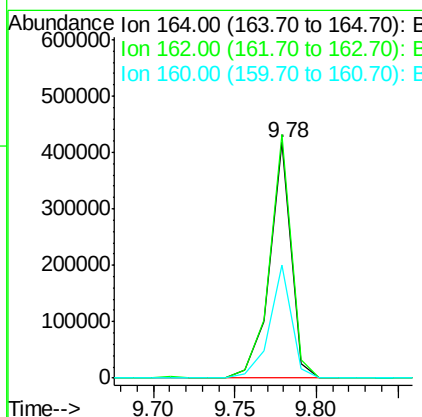
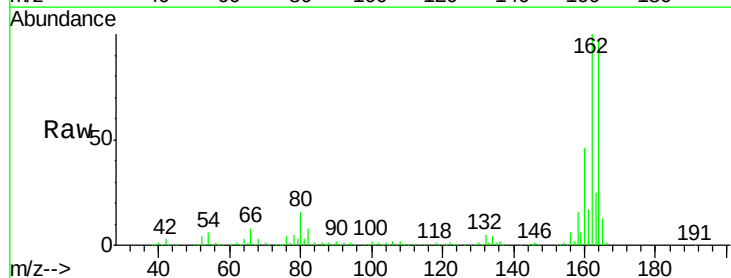
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

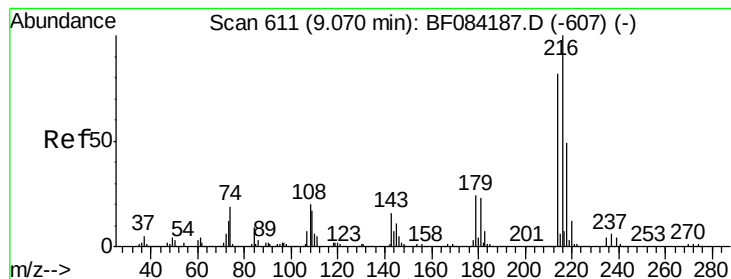
Tgt Ion:142 Resp: 1098042
 Ion Ratio Lower Upper
 142 100
 141 90.4 72.4 108.6
 115 39.3 27.9 41.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:164 Resp: 383673
 Ion Ratio Lower Upper
 164 100
 162 103.4 85.1 127.7
 160 48.1 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.42 ng

RT: 8.91 min Scan# 597

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tgt Ion:216 Resp: 478895

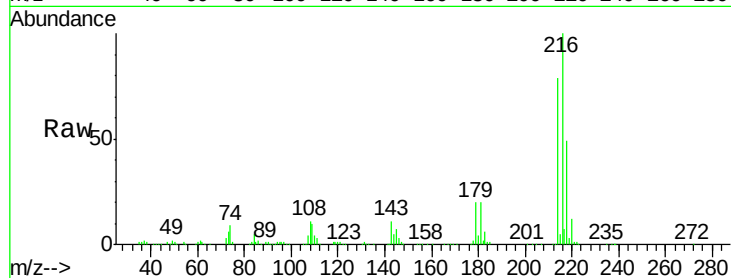
Ion Ratio Lower Upper

216 100

214 79.2 64.2 96.2

179 22.5 18.7 28.1

108 21.8 16.8 25.2

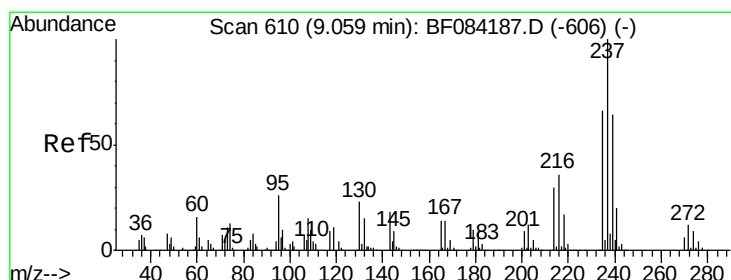
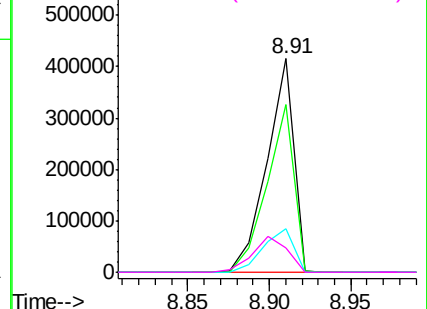
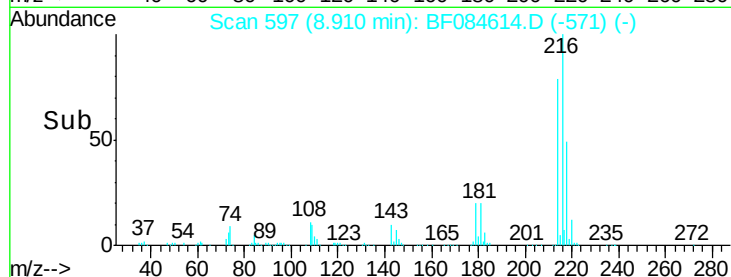


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.77 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

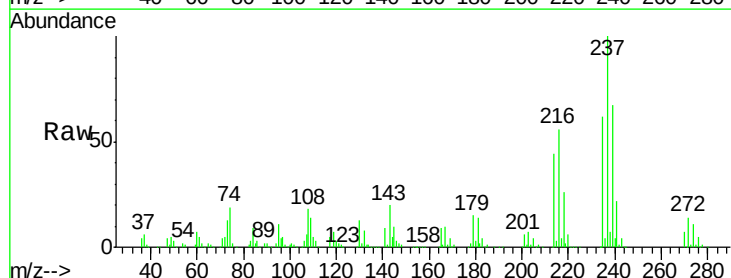
Tgt Ion:237 Resp: 504481

Ion Ratio Lower Upper

237 100

235 62.4 43.1 83.1

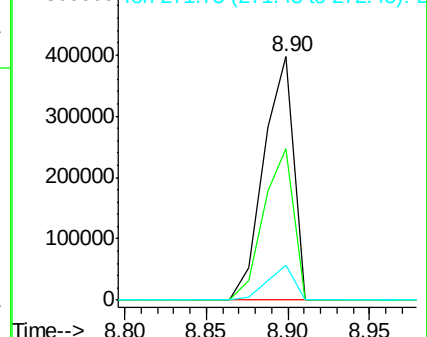
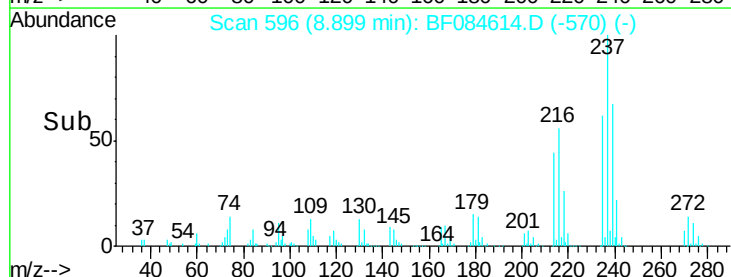
272 14.4 0.0 35.1

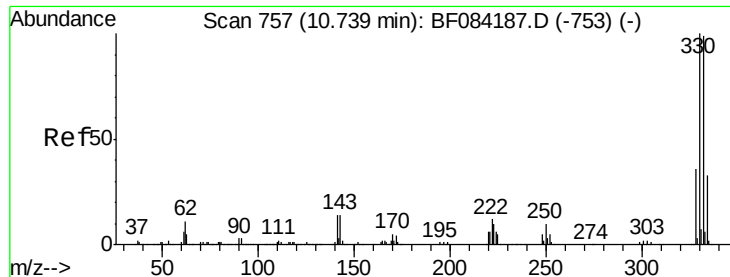


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

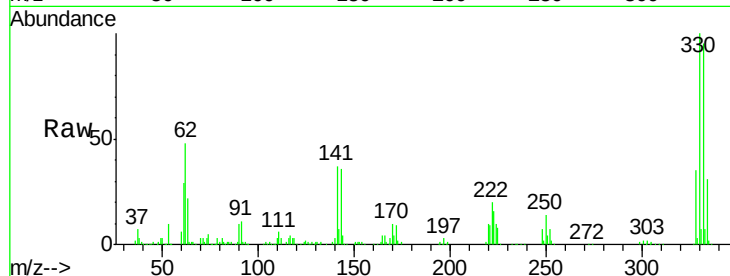




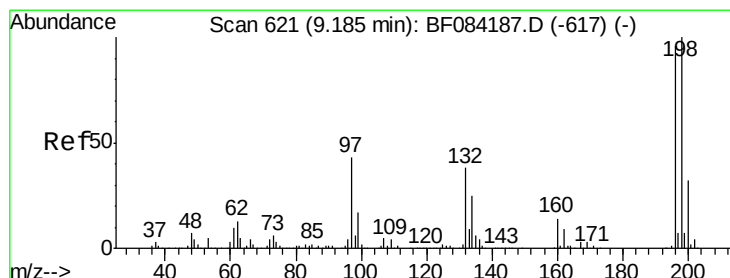
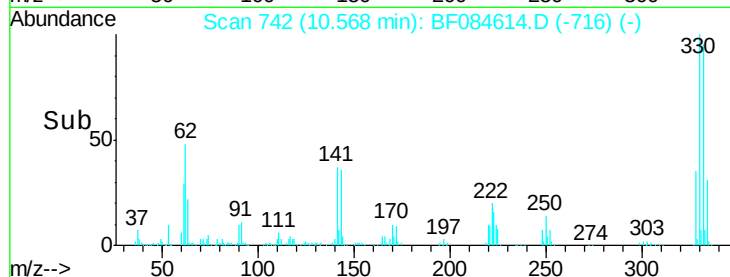
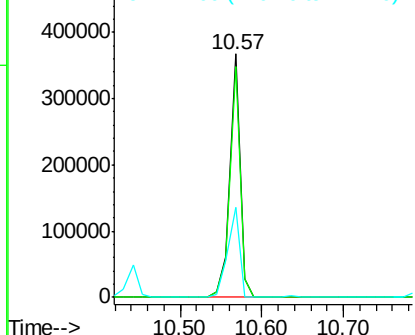
#41
 2,4,6-Tribromophenol
 Concen: 83.30 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

Tgt Ion:330 Resp: 322654
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 42.2 27.8 41.6#

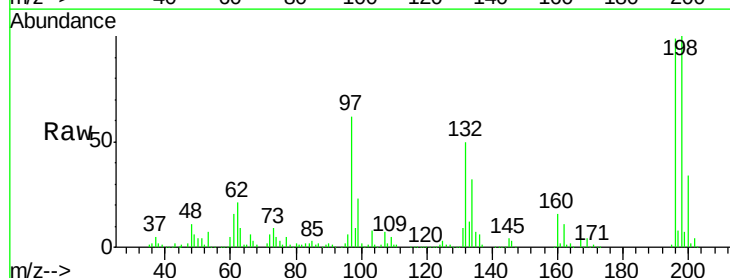


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

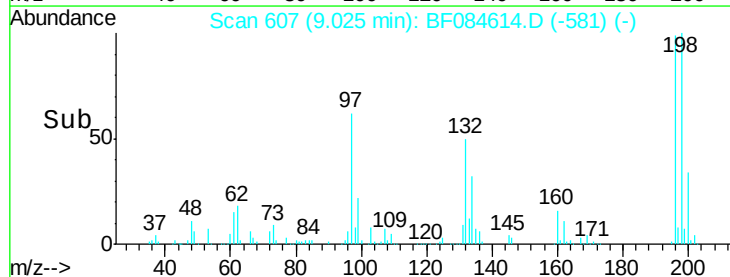
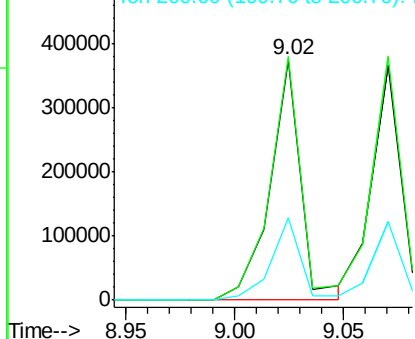


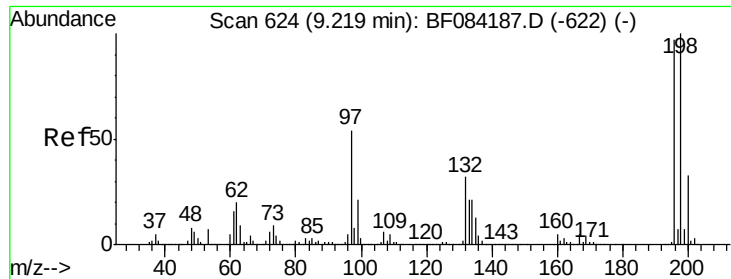
#42
 2,4,6-Trichlorophenol
 Concen: 45.26 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:196 Resp: 373529
 Ion Ratio Lower Upper
 196 100
 198 101.4 77.7 116.5
 200 34.3 24.6 37.0



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

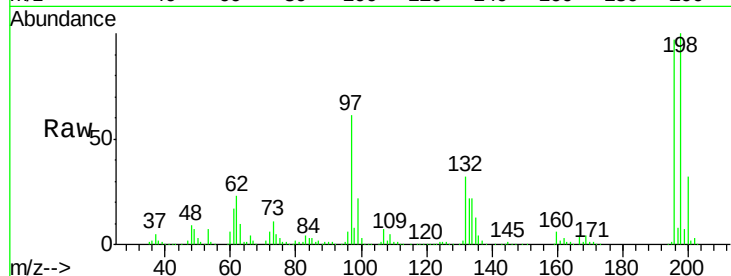




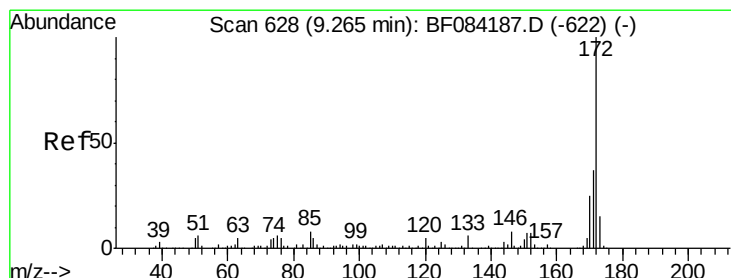
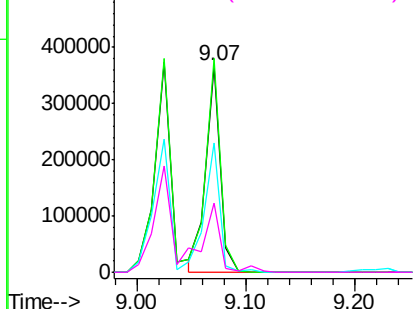
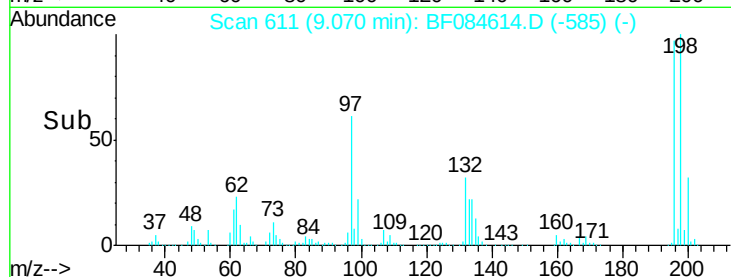
#43
 2,4,5-Trichlorophenol
 Concen: 43.61 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Instrument :
 BNA_F
 ClientSampled :
 PB87944BS

Tgt Ion:196 Resp: 344982
 Ion Ratio Lower Upper
 196 100
 198 103.5 79.0 118.6
 97 62.8 33.0 49.6#
 132 33.5 21.1 31.7#

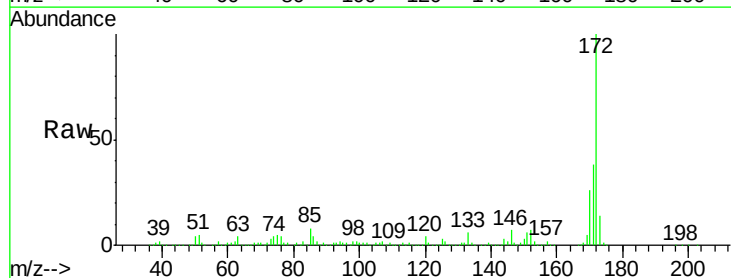


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

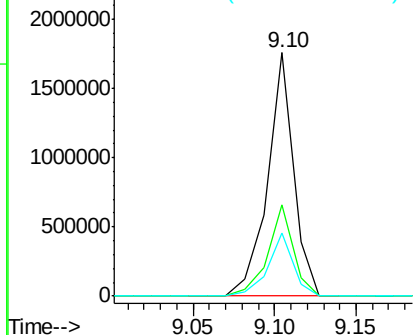
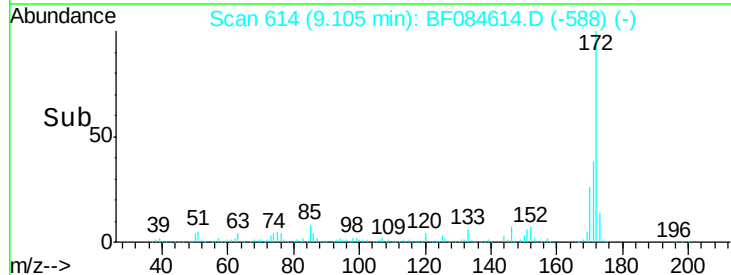


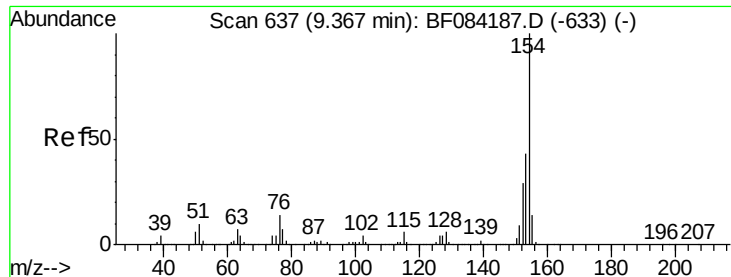
#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:172 Resp: 1967608
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.9 43.3
 170 26.0 18.6 27.8



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





#45

1,1'-Biphenyl

Concen: 47.42 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

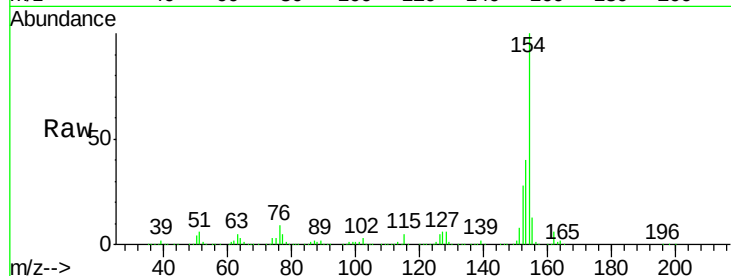
Tgt Ion:154 Resp: 1446114

Ion Ratio Lower Upper

154 100

153 40.4 21.6 61.6

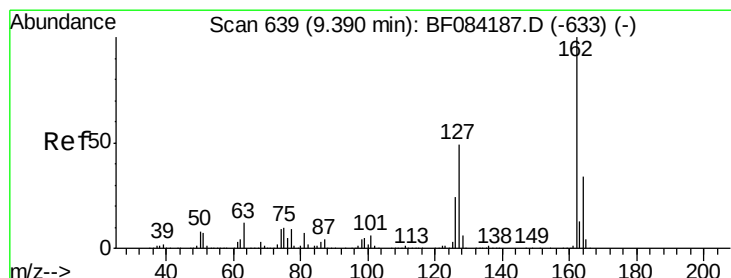
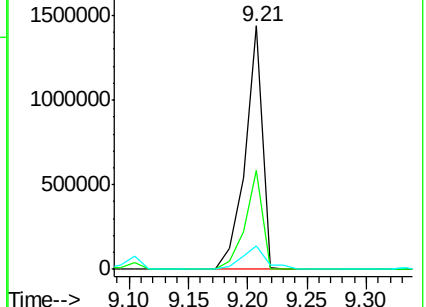
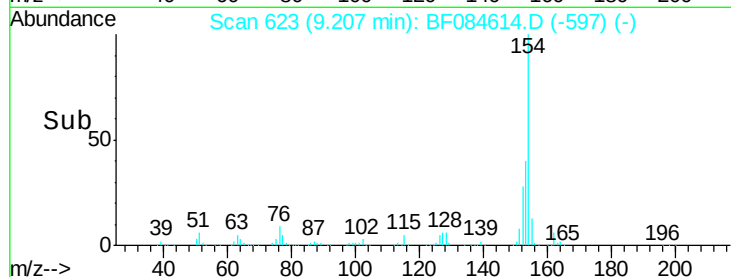
76 9.4 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.82 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

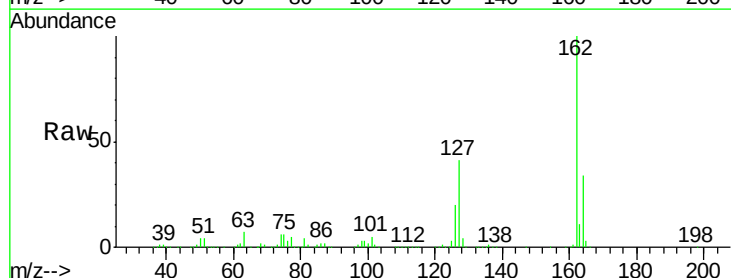
Tgt Ion:162 Resp: 1097434

Ion Ratio Lower Upper

162 100

127 40.9 40.2 60.4

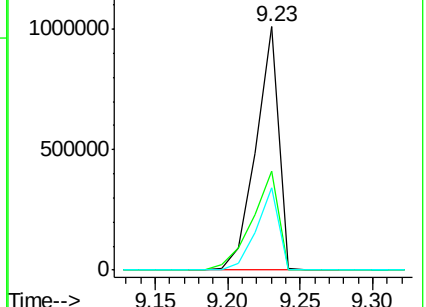
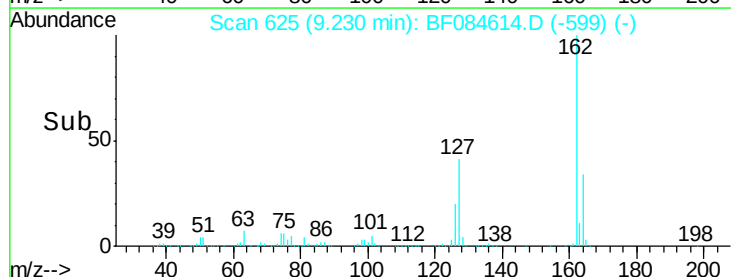
164 33.9 25.7 38.5

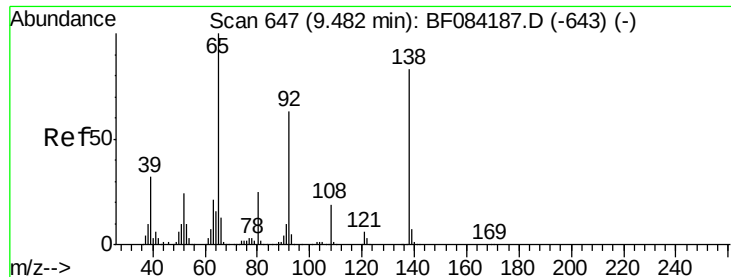


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 48.43 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

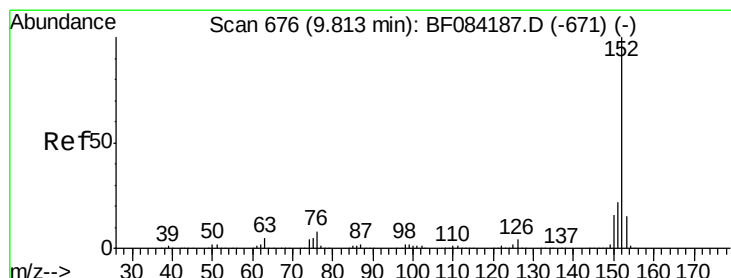
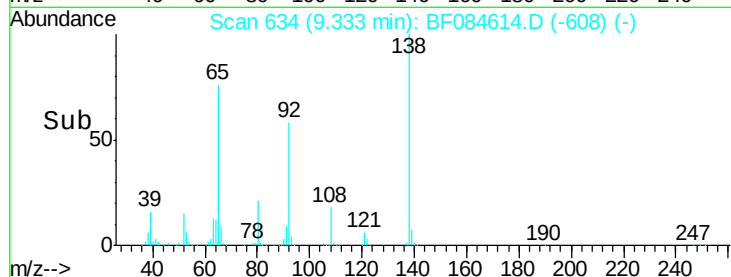
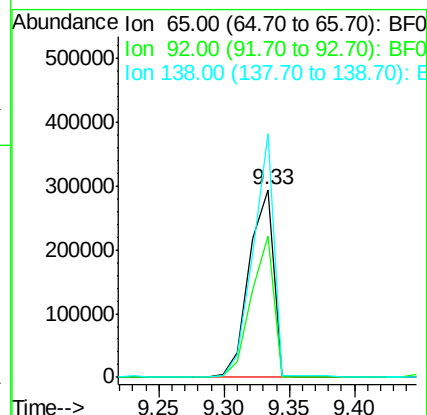
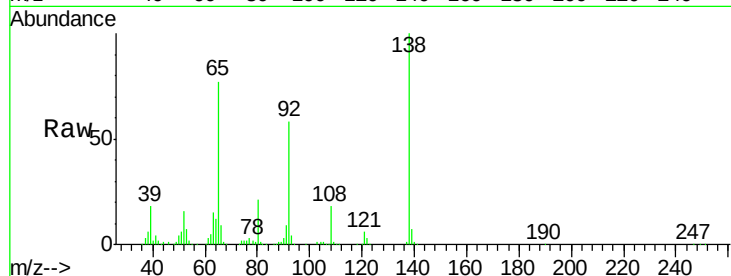
Tgt Ion: 65 Resp: 382842

Ion Ratio Lower Upper

65 100

92 75.7 53.4 80.2

138 130.0 71.1 106.7#



#48

Acenaphthylene

Concen: 38.99 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

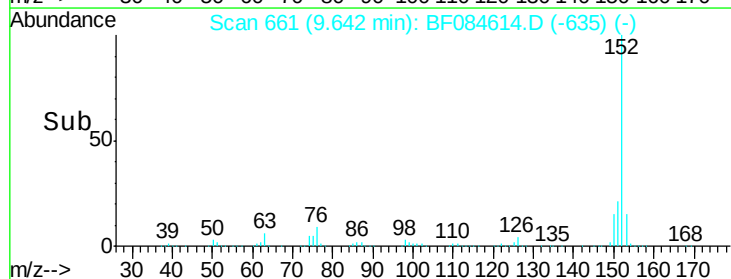
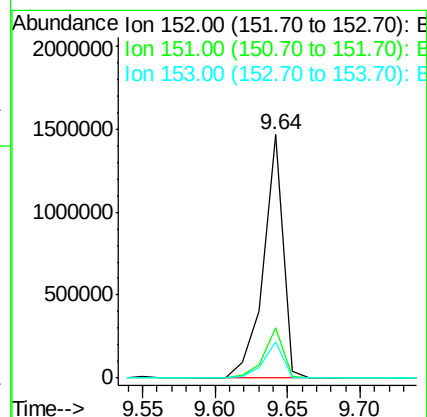
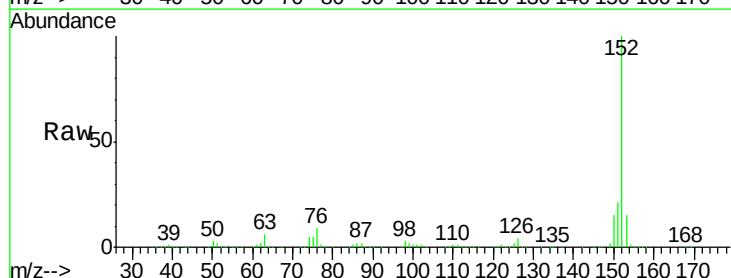
Tgt Ion: 152 Resp: 1379705

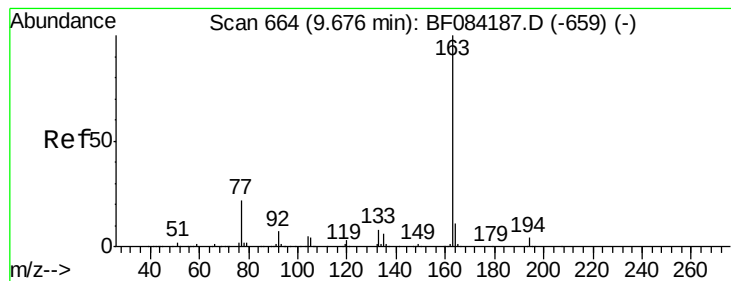
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 14.7 10.4 15.6





#49

Dimethylphthalate

Concen: 38.23 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

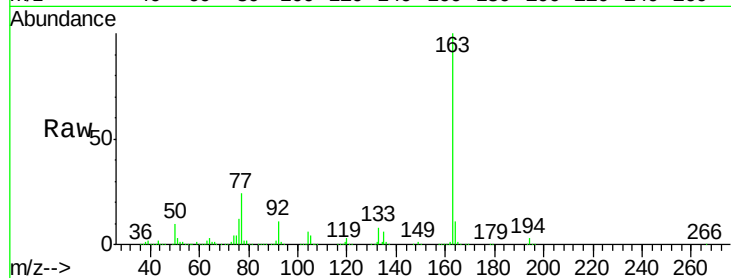
Tgt Ion:163 Resp: 1048706

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

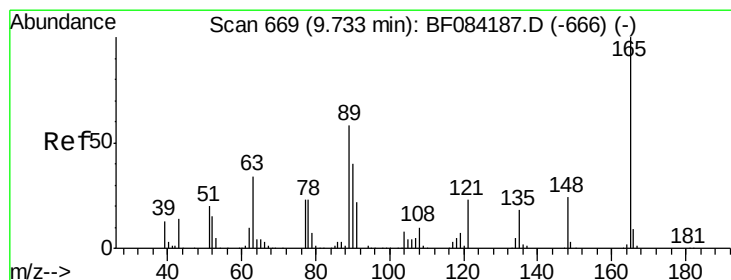
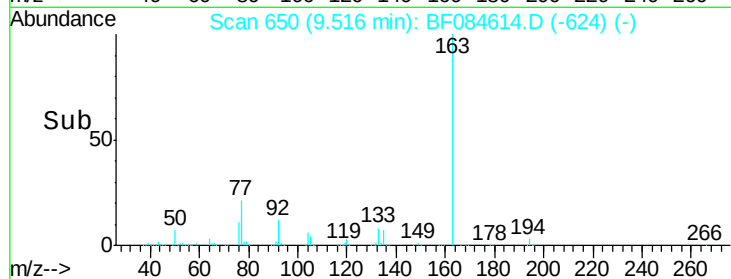
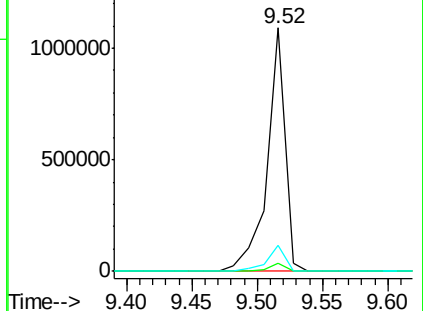
164 10.6 8.0 12.0



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: 39.38 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

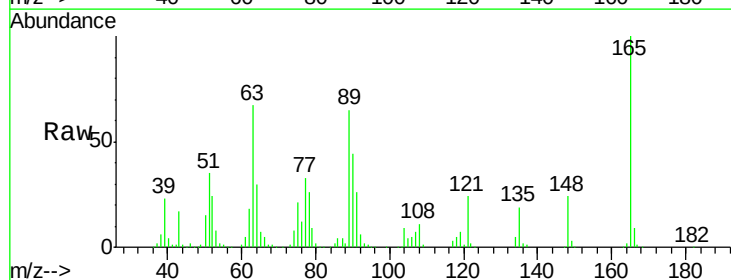
Tgt Ion:165 Resp: 236930

Ion Ratio Lower Upper

165 100

63 67.0 28.8 43.2#

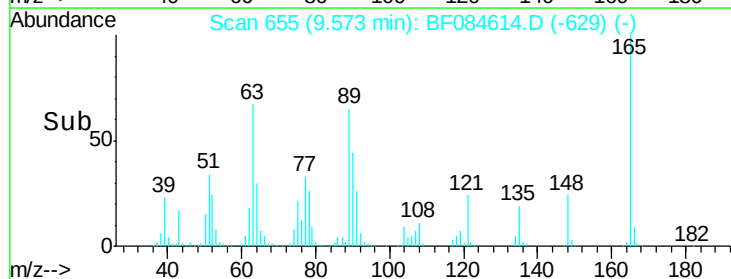
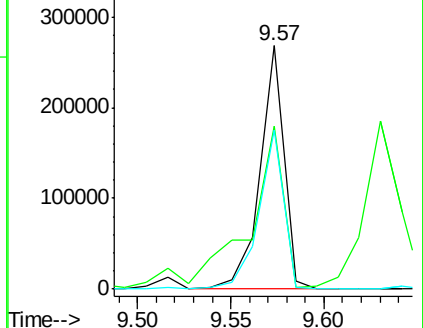
89 65.4 35.1 52.7#

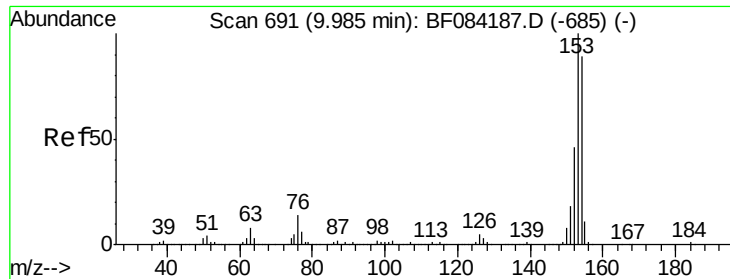


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.77 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

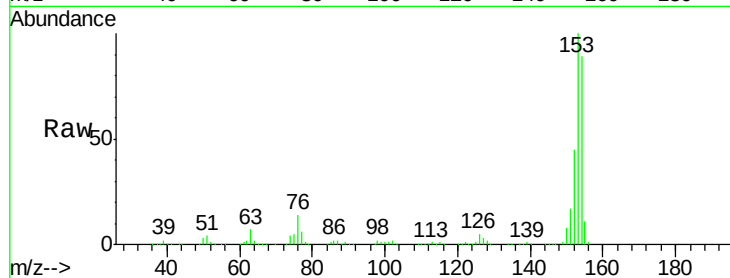
Tgt Ion:154 Resp: 920161

Ion Ratio Lower Upper

154 100

153 112.7 91.5 137.3

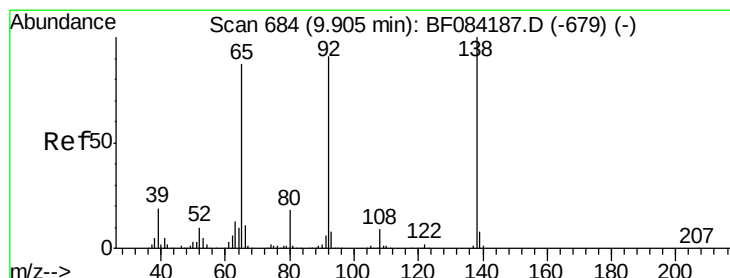
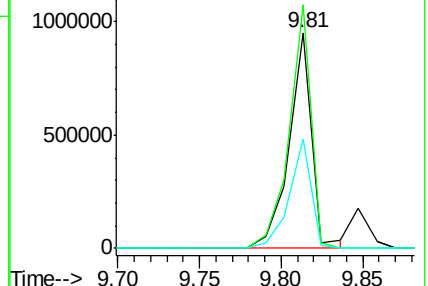
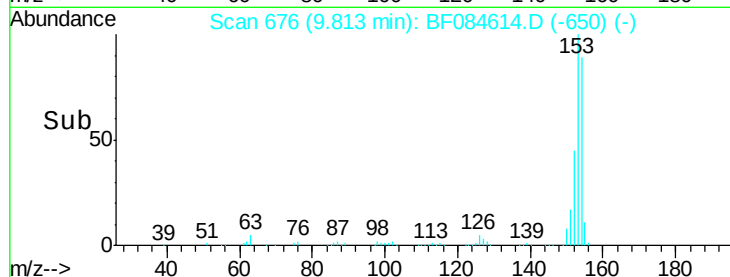
152 50.8 43.0 64.6



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: 12.46 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

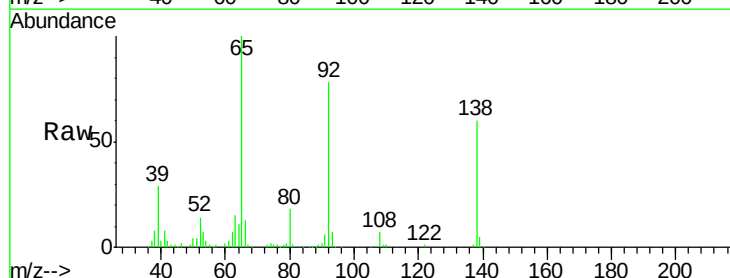
Tgt Ion:138 Resp: 92868

Ion Ratio Lower Upper

138 100

108 12.0 10.5 15.7

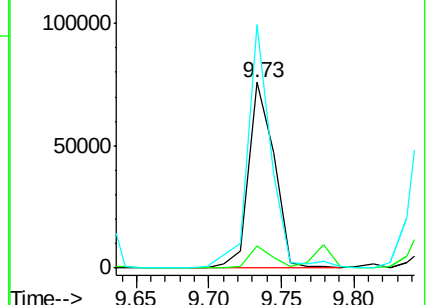
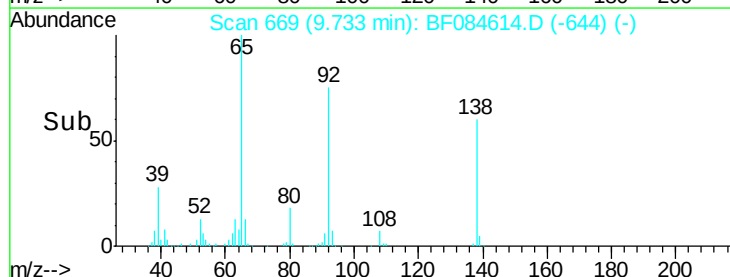
92 130.9 103.9 155.9

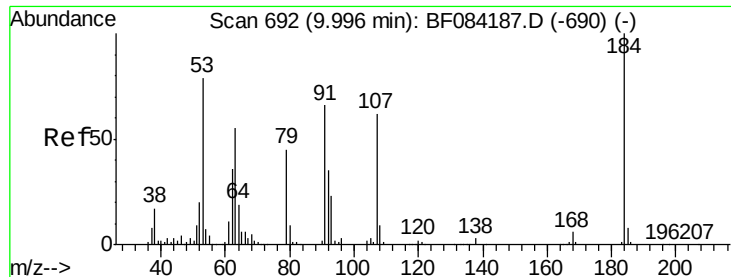


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

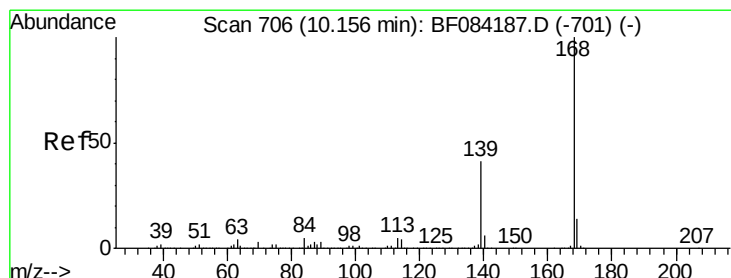
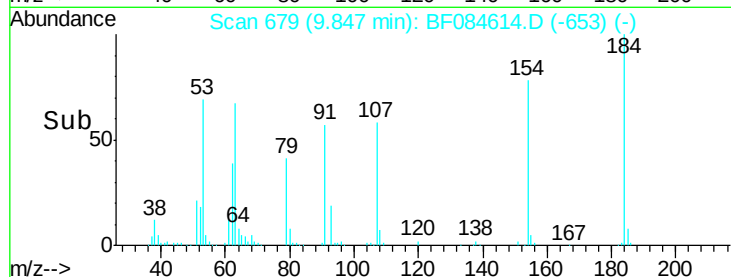
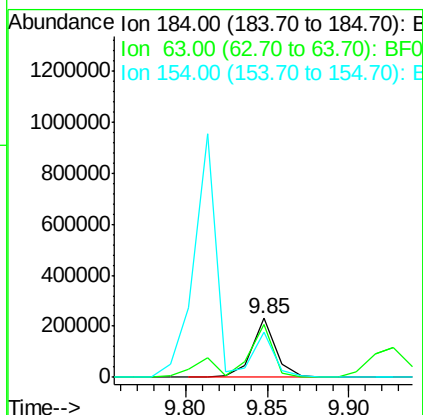
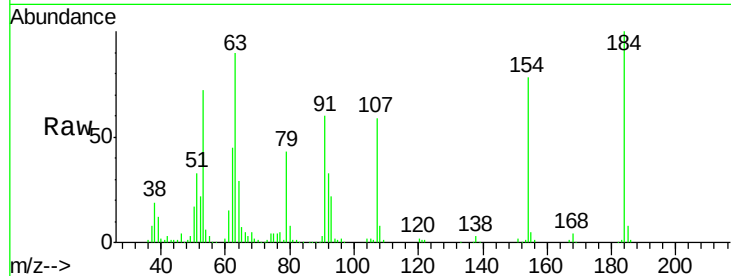




#53
2,4-Dinitrophenol
Concen: 91.14 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

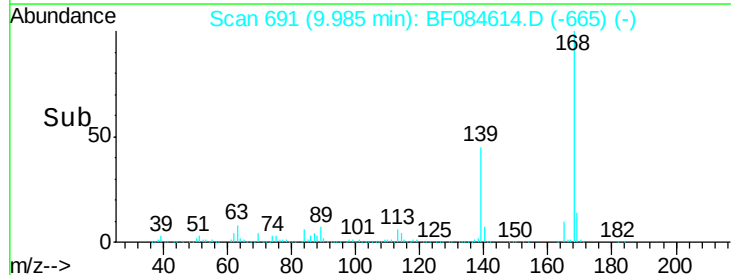
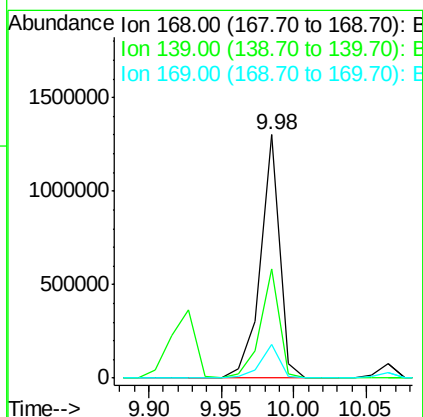
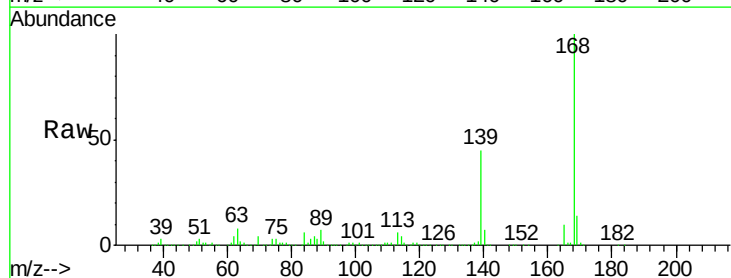
Instrument :
BNA_F
ClientSampleId :
PB87944BS

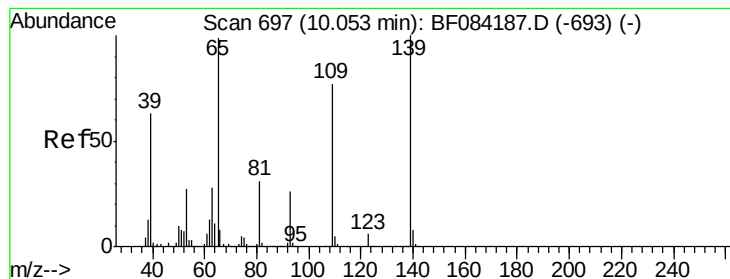
Tgt Ion:184 Resp: 234888
Ion Ratio Lower Upper
184 100
63 89.7 43.1 64.7#
154 77.6 60.5 90.7



#54
Dibenzofuran
Concen: 38.24 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion:168 Resp: 1189218
Ion Ratio Lower Upper
168 100
139 45.1 30.5 45.7
169 13.8 10.4 15.6





#55

4-Nitrophenol

Concen: 81.47 ng

RT: 9.93 min Scan# 686

Delta R.T. 0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

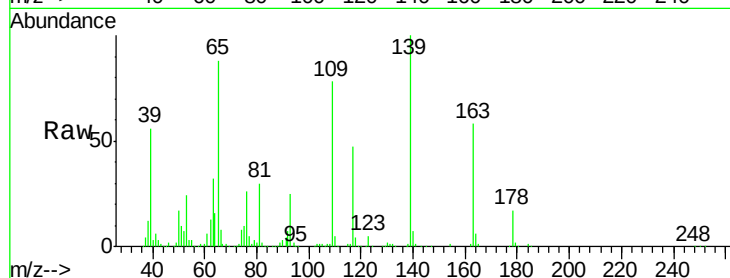
Tgt Ion:139 Resp: 440827

Ion Ratio Lower Upper

139 100

109 78.4 58.5 98.5

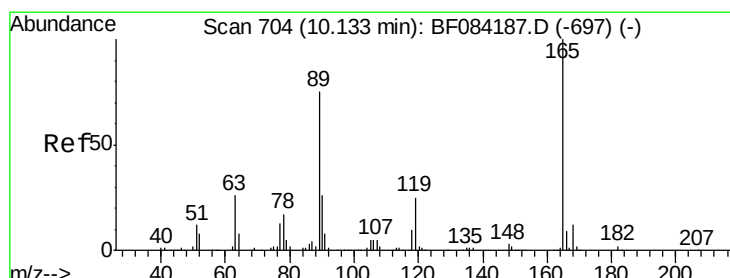
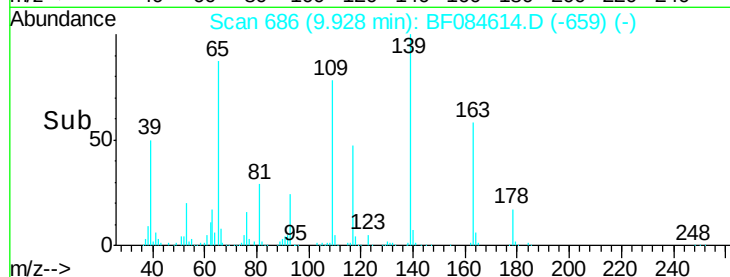
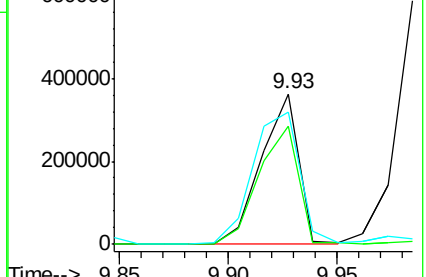
65 87.8 57.6 97.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 37.81 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:165 Resp: 287904

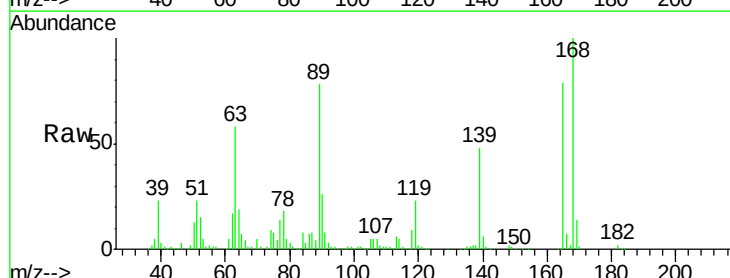
Ion Ratio Lower Upper

165 100

63 73.9 36.7 55.1#

89 99.5 61.9 92.9#

182 2.0 2.0 3.0

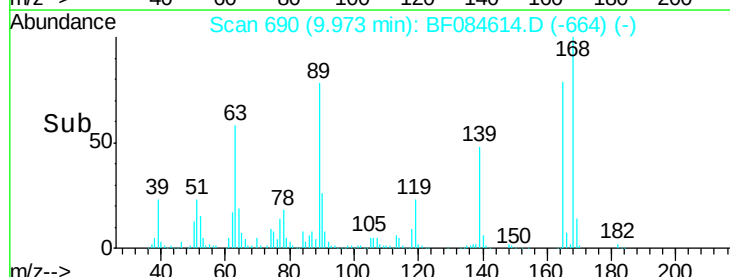
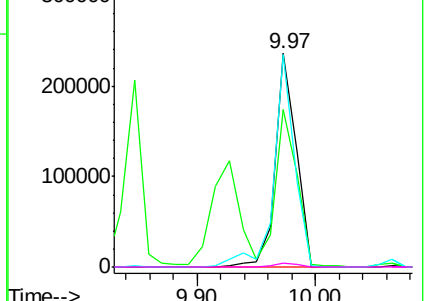


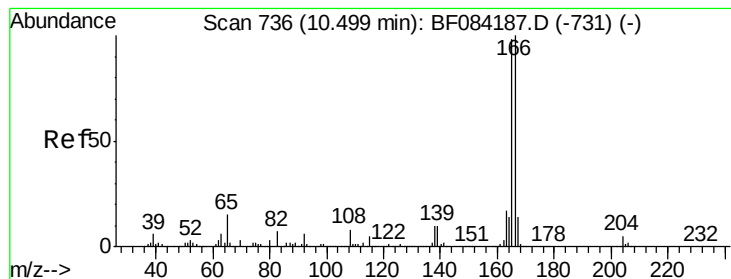
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.01 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

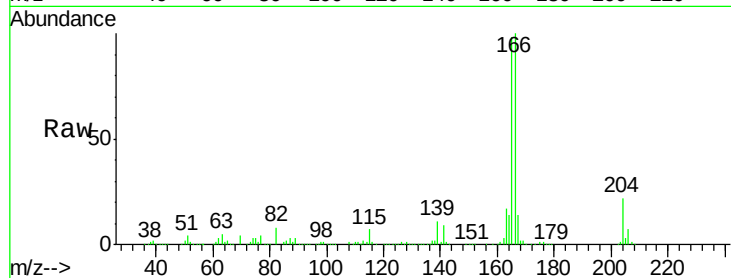
Tgt Ion:166 Resp: 1024840

Ion Ratio Lower Upper

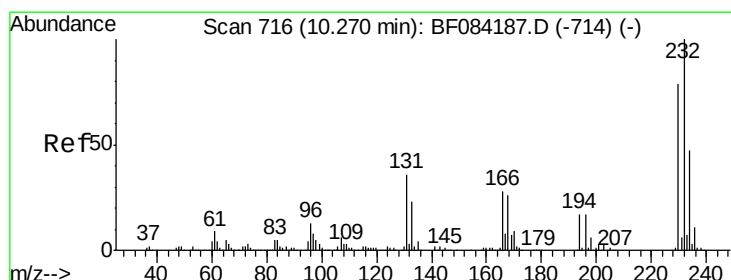
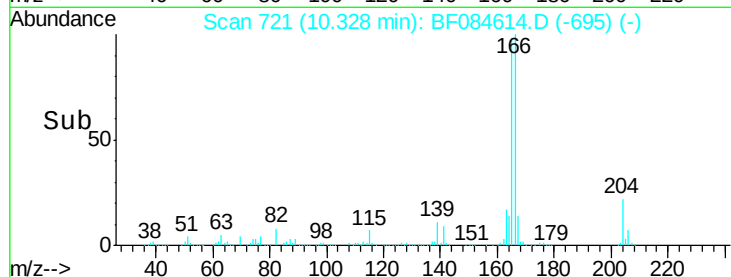
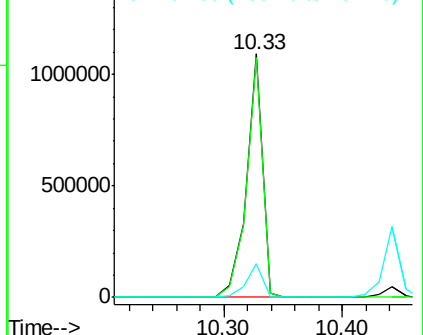
166 100

165 98.5 79.1 118.7

167 13.8 10.4 15.6



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: 40.34 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Tgt Ion:232 Resp: 272486

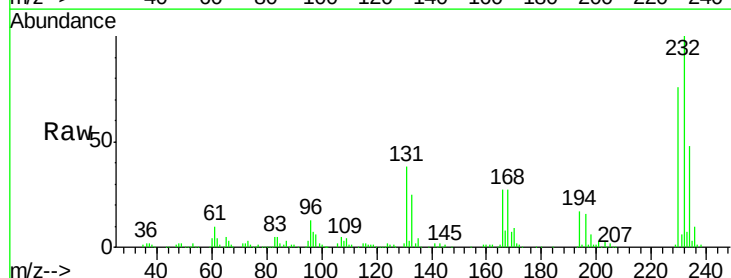
Ion Ratio Lower Upper

232 100

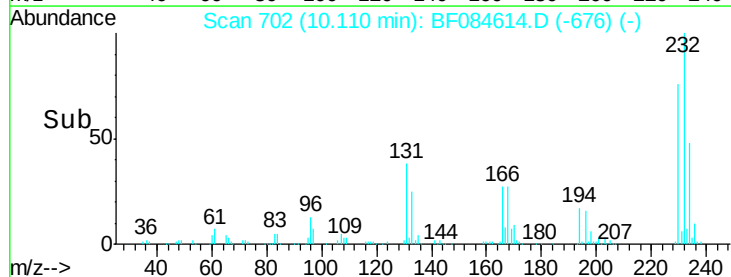
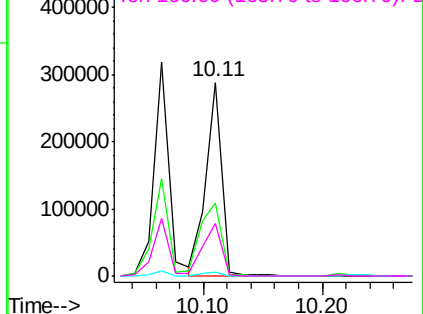
131 49.5 47.0 70.6

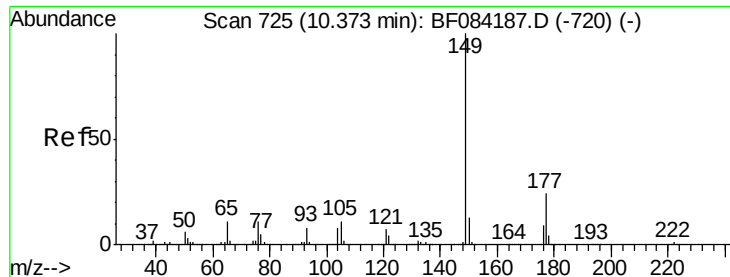
130 2.4 2.0 3.0

166 31.1 30.5 45.7



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

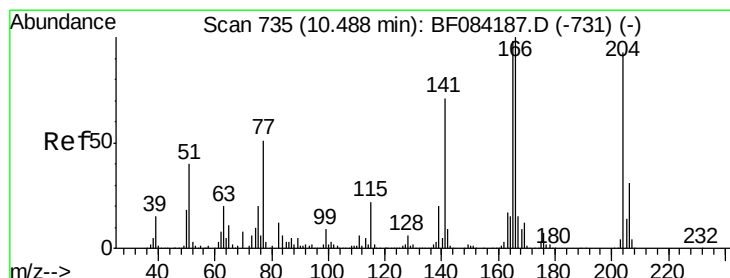
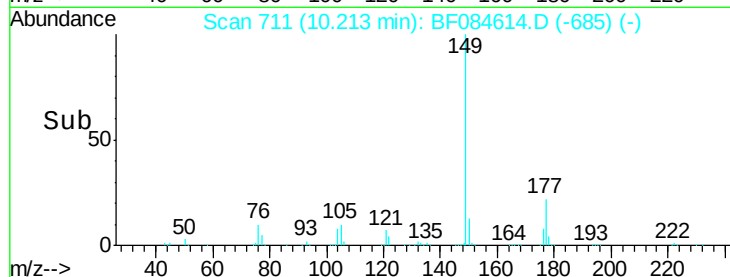
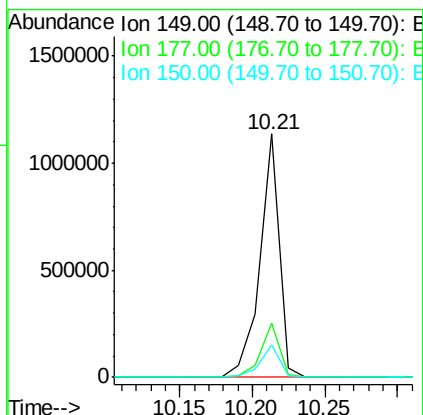
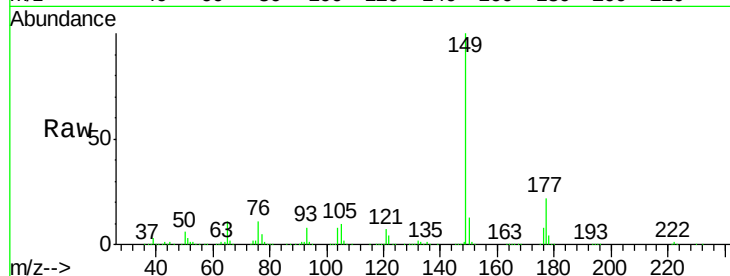




#59
Diethylphthalate
Concen: 38.88 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

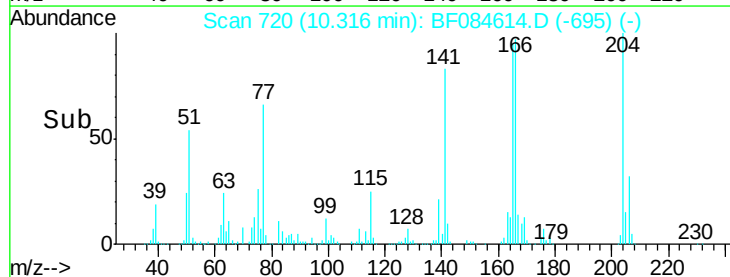
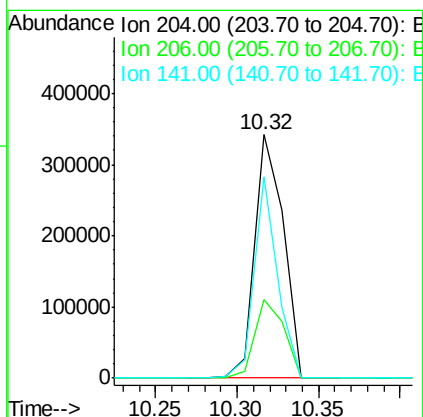
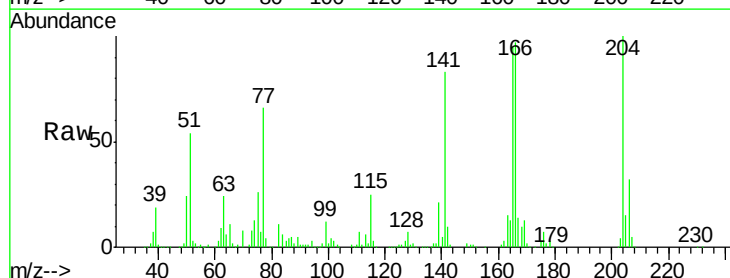
Instrument :
BNA_F
ClientSampleId :
PB87944BS

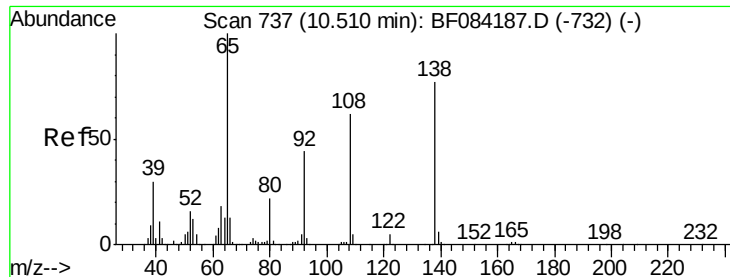
Tgt Ion:149 Resp: 1051411
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 13.1 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.93 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion:204 Resp: 417681
Ion Ratio Lower Upper
204 100
206 32.0 25.7 38.5
141 82.6 55.1 82.7

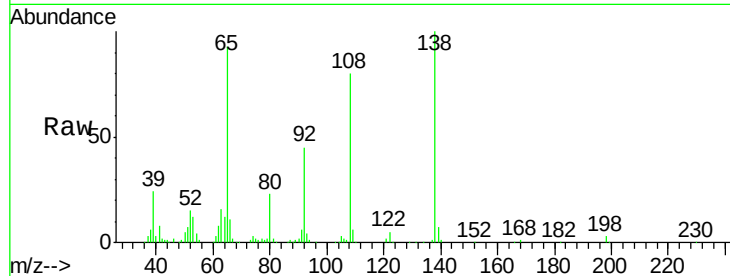




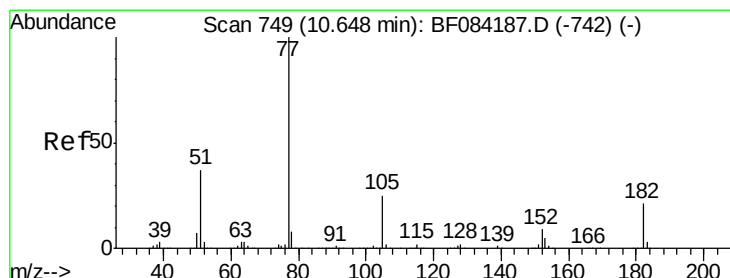
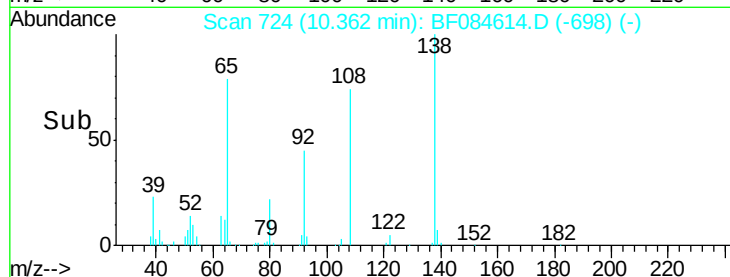
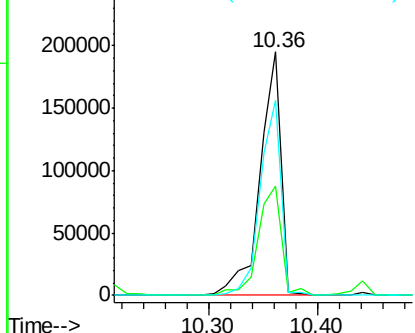
#61
4-Nitroaniline
Concen: 39.54 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB87944BS

Tgt Ion: 138 Resp: 262768
Ion Ratio Lower Upper
138 100
92 44.8 32.6 72.6
108 80.3 68.6 108.6

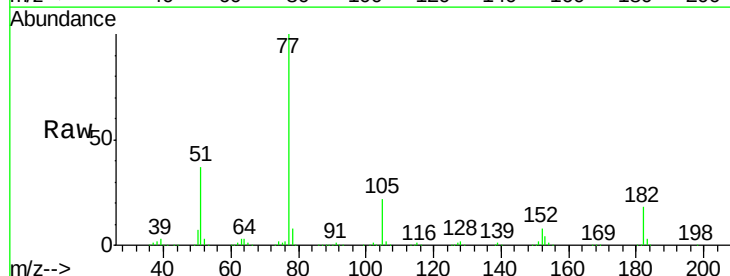


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

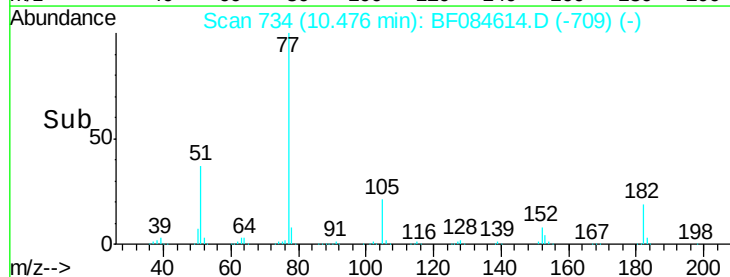
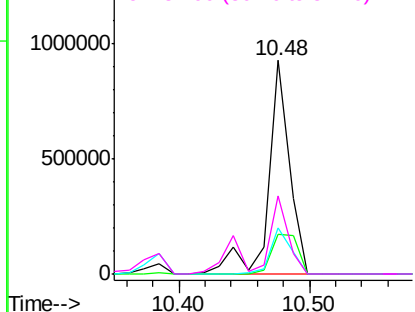


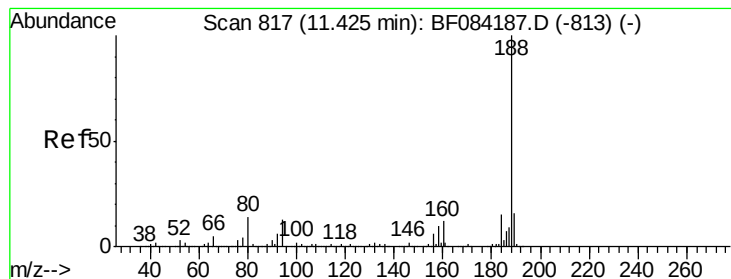
#62
Azobenzene
Concen: 35.62 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion: 77 Resp: 1056418
Ion Ratio Lower Upper
77 100
182 18.5 8.3 48.3
105 21.8 4.6 44.6
51 36.9 6.2 46.2



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: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

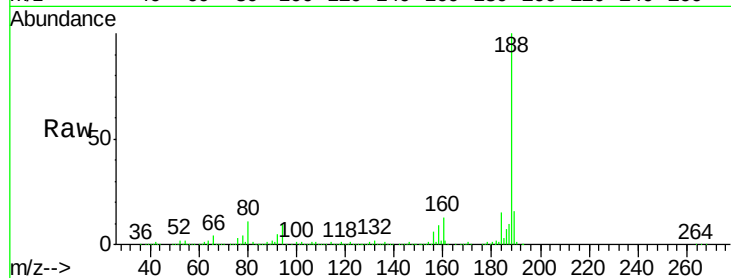
Tgt Ion:188 Resp: 717402

Ion Ratio Lower Upper

188 100

94 10.0 9.0 13.4

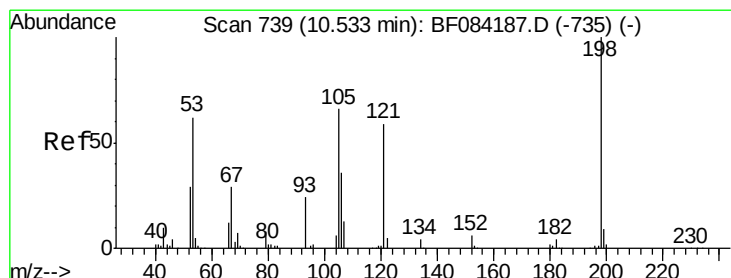
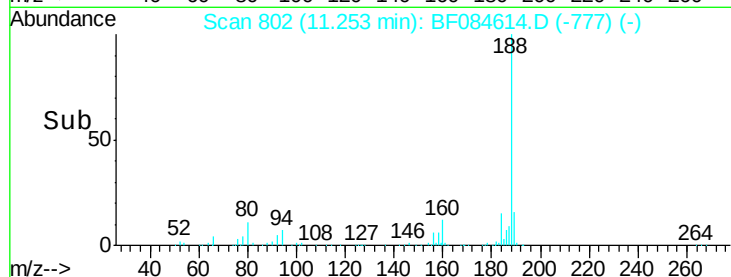
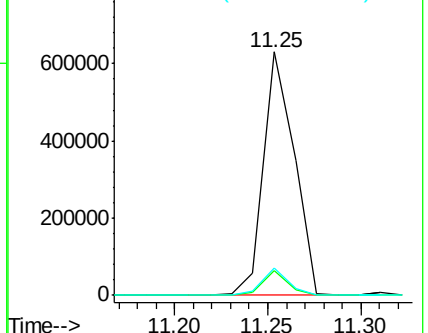
80 11.0 9.6 14.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.66 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

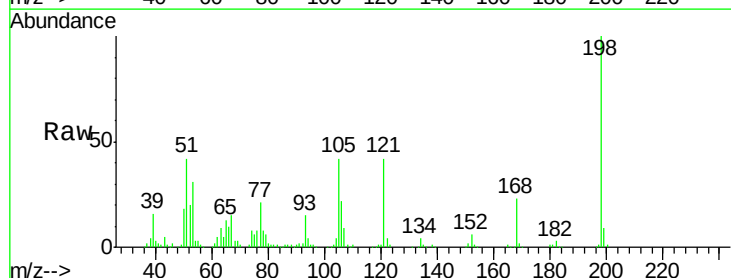
Tgt Ion:198 Resp: 190941

Ion Ratio Lower Upper

198 100

51 42.1 18.9 58.9

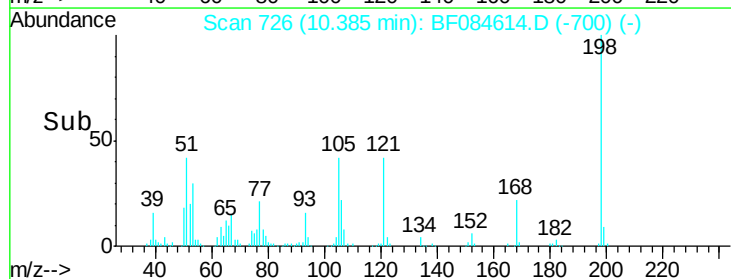
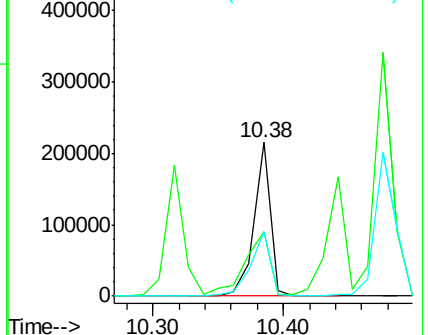
105 42.0 26.4 66.4

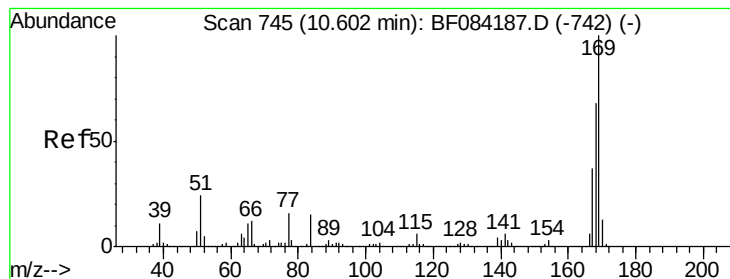


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 35.06 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampled :

PB87944BS

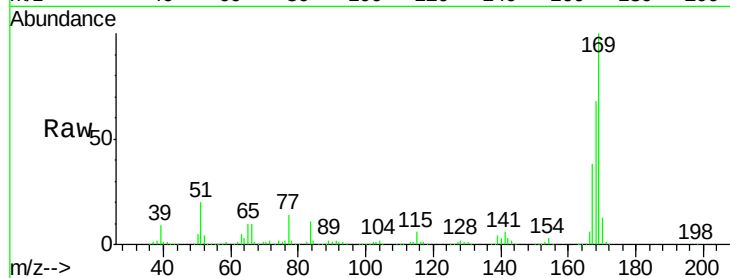
Tgt Ion:169 Resp: 804124

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

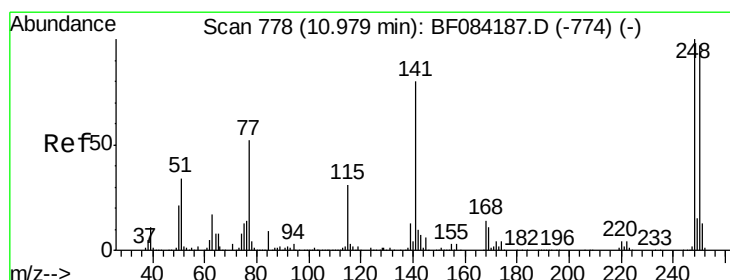
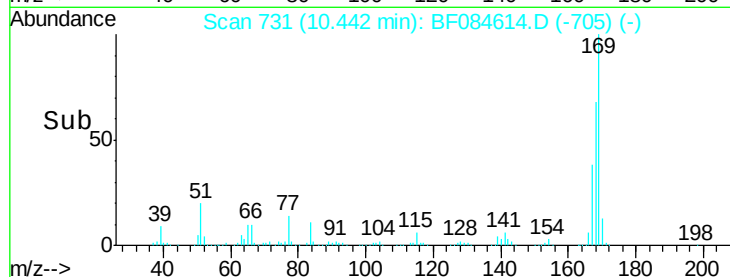
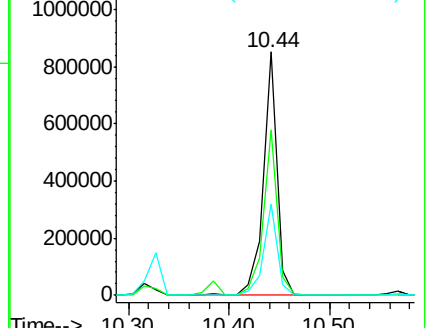
167 37.6 30.0 45.0



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: 37.61 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

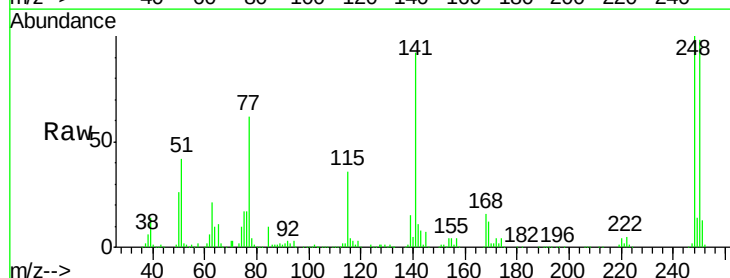
Tgt Ion:248 Resp: 290413

Ion Ratio Lower Upper

248 100

250 98.4 78.4 117.6

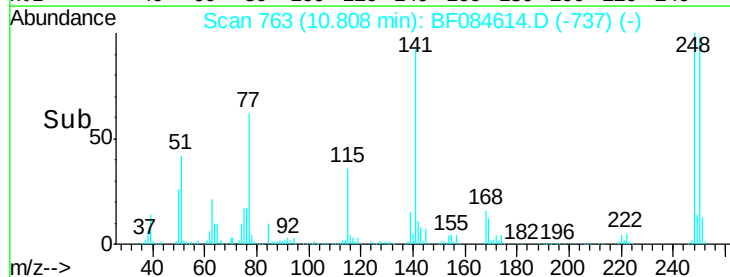
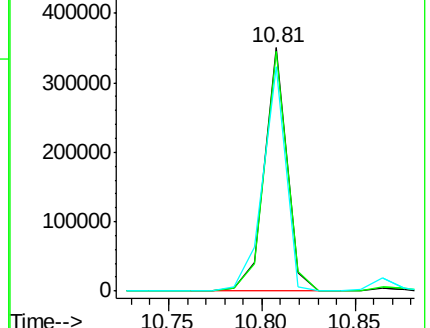
141 92.2 44.0 66.0#

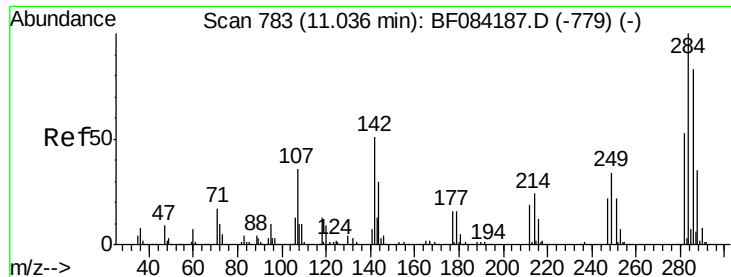


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.68 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

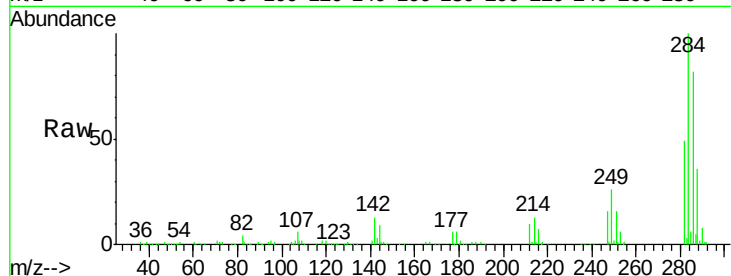
Tgt Ion:284 Resp: 327463

Ion Ratio Lower Upper

284 100

142 12.9 22.2 33.4#

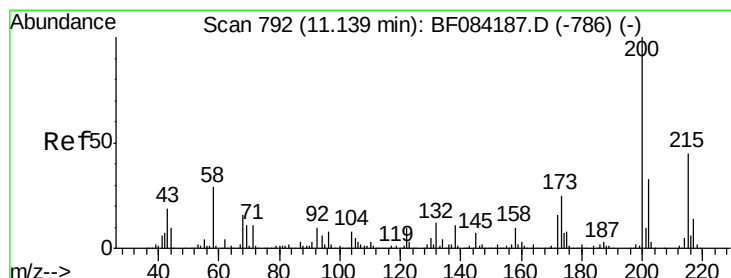
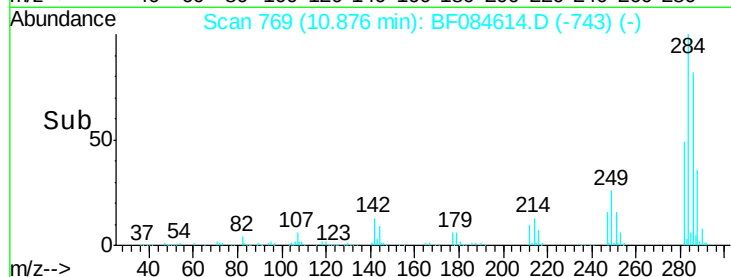
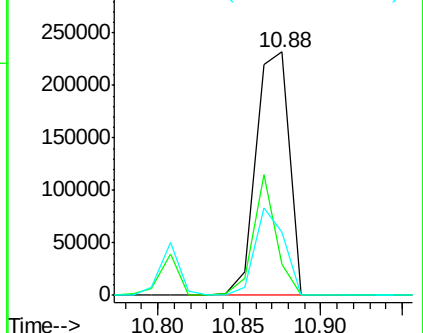
249 26.1 24.6 37.0



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: 45.73 ng

RT: 10.98 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

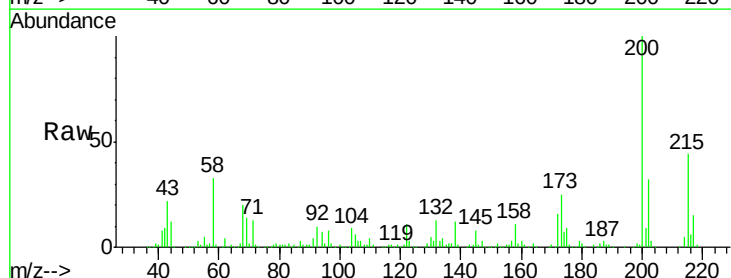
Tgt Ion:200 Resp: 343251

Ion Ratio Lower Upper

200 100

173 25.2 9.5 49.5

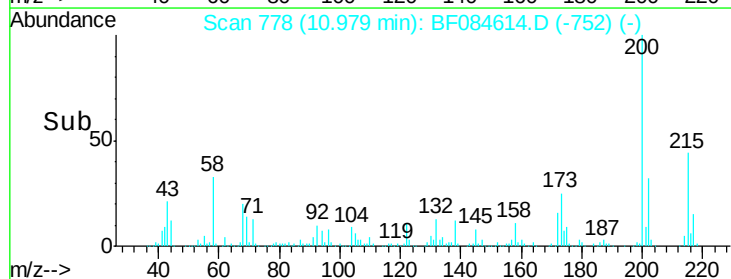
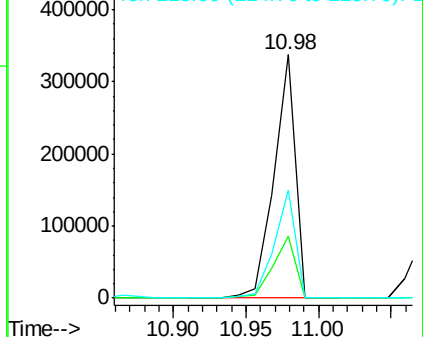
215 44.3 23.8 63.8

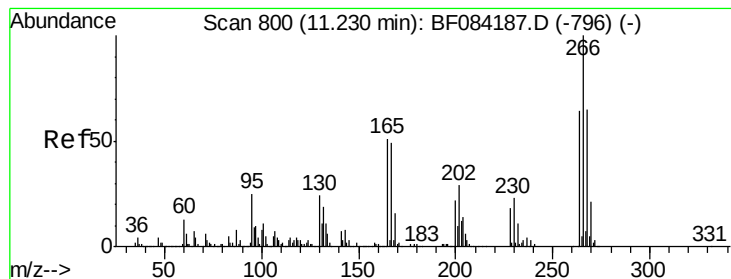


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 75.64 ng

RT: 11.07 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

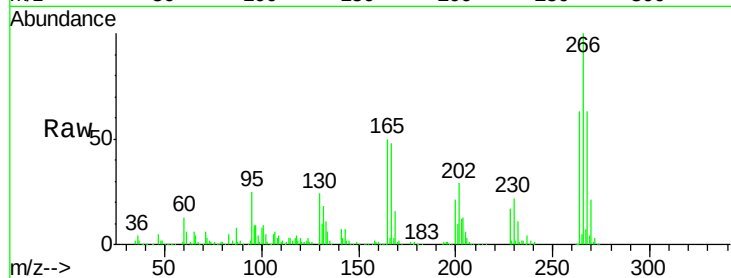
Tgt Ion:266 Resp: 340843

Ion Ratio Lower Upper

266 100

268 63.5 52.4 78.6

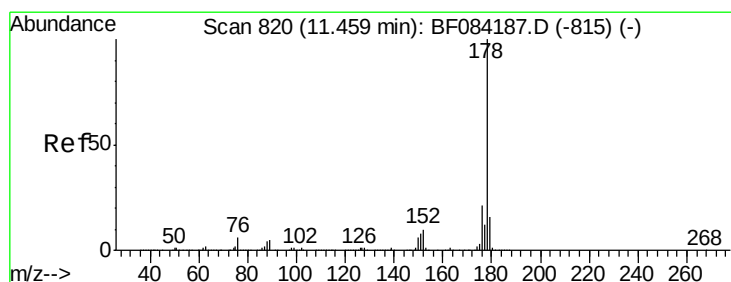
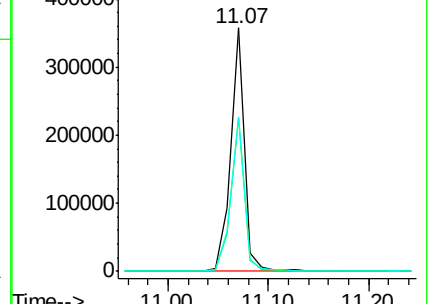
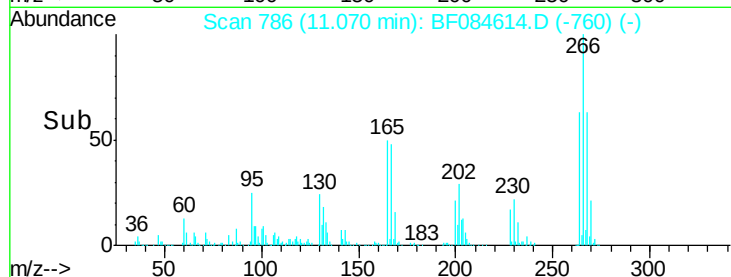
264 63.3 50.2 75.2



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 43.20 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

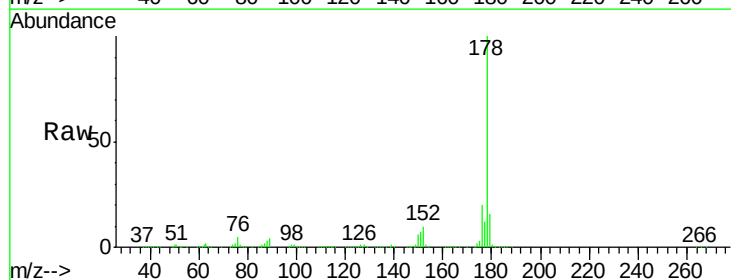
Tgt Ion:178 Resp: 1621029

Ion Ratio Lower Upper

178 100

176 20.2 15.3 22.9

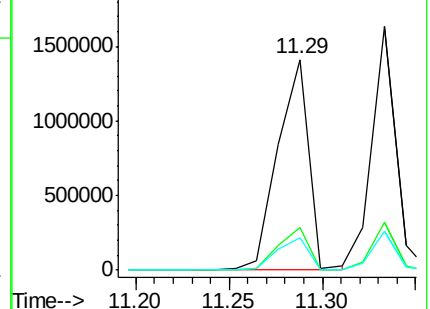
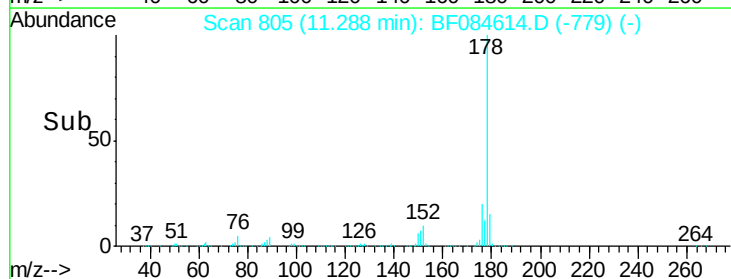
179 15.6 12.0 18.0

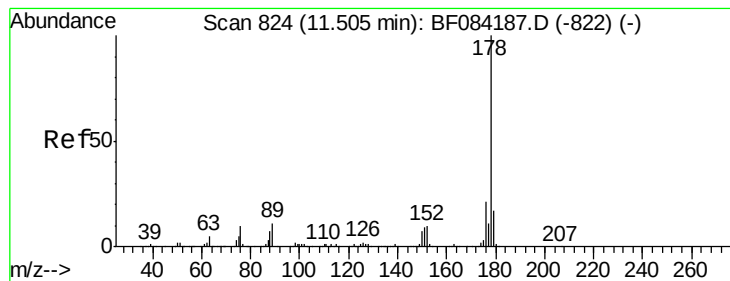


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.06 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

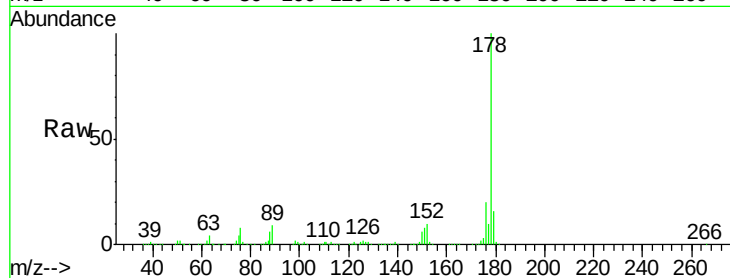
Tgt Ion:178 Resp: 1437015

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

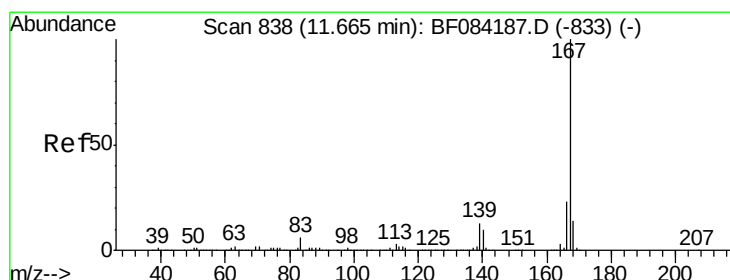
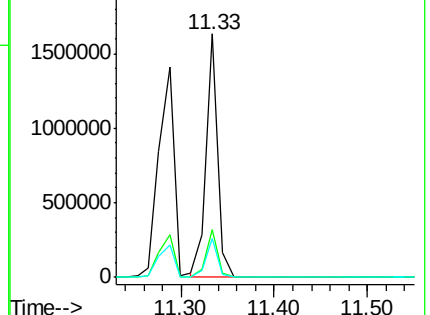
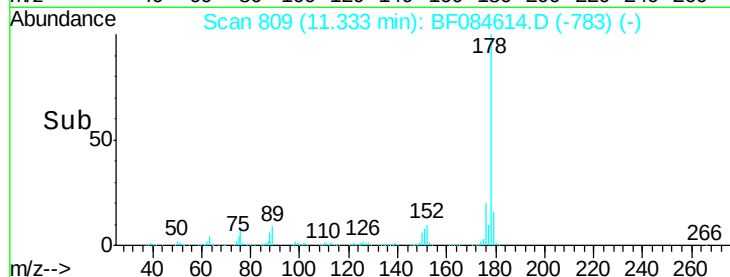
179 16.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.09 ng

RT: 11.49 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

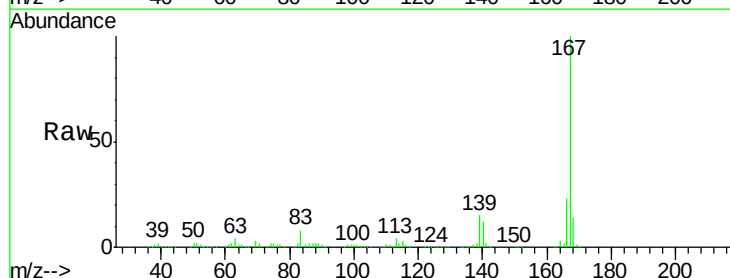
Tgt Ion:167 Resp: 1333876

Ion Ratio Lower Upper

167 100

166 22.6 17.6 26.4

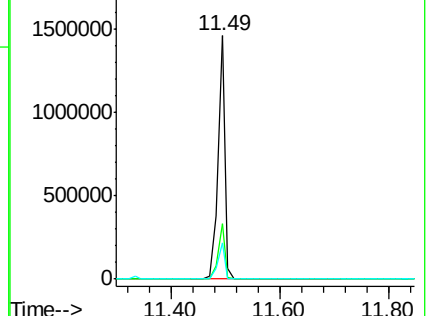
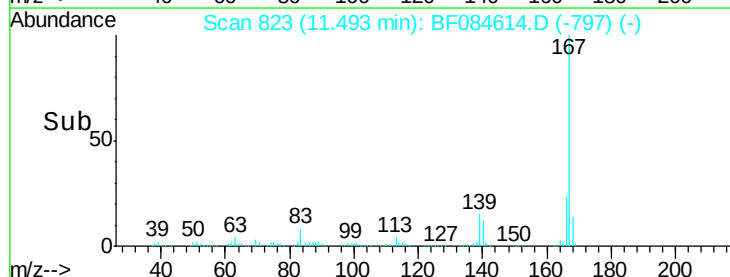
139 15.2 11.8 17.8

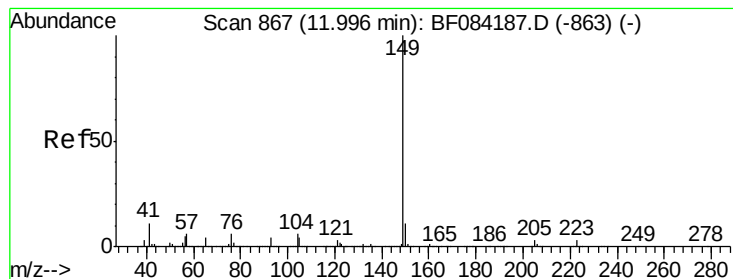


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.96 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

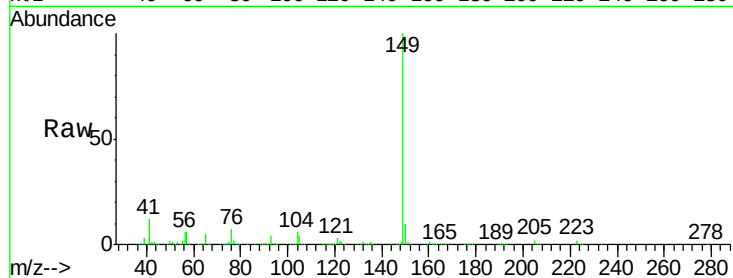
Tgt Ion:149 Resp: 1542821

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

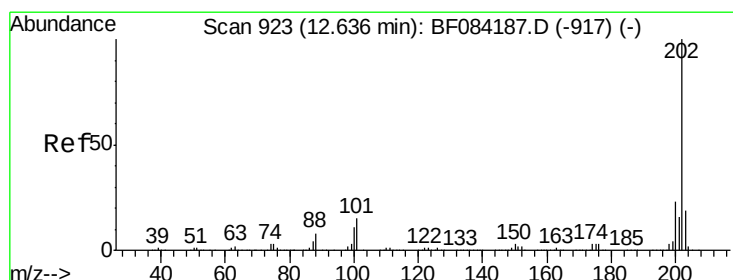
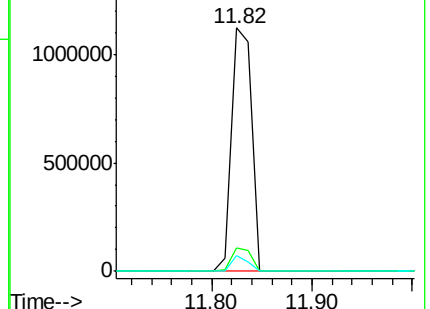
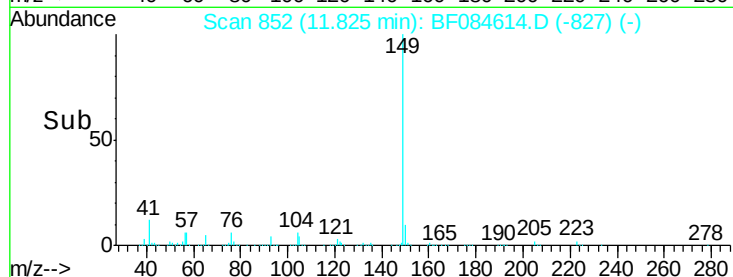
104 6.4 3.2 4.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.07 ng

RT: 12.46 min Scan# 908

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

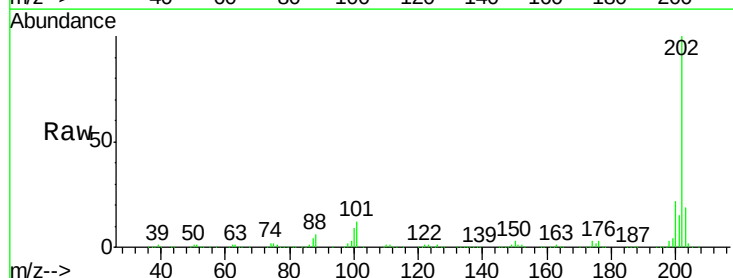
Tgt Ion:202 Resp: 1492340

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.8

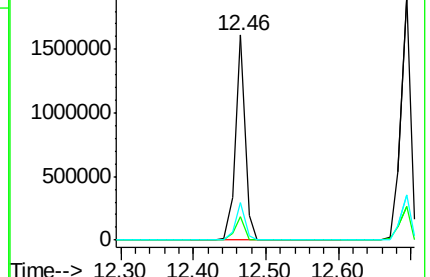
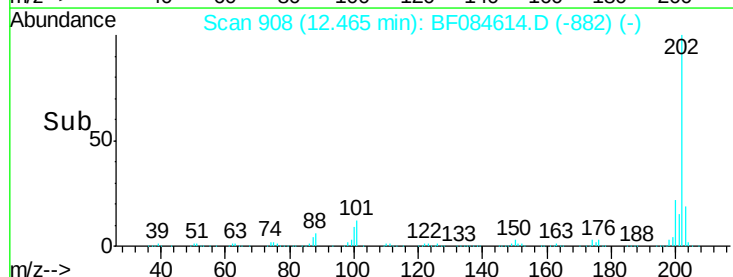
203 18.5 0.0 37.9

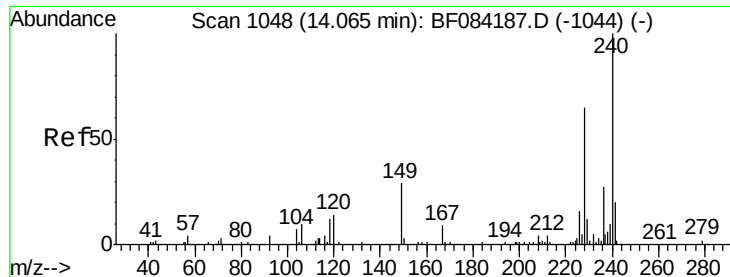


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

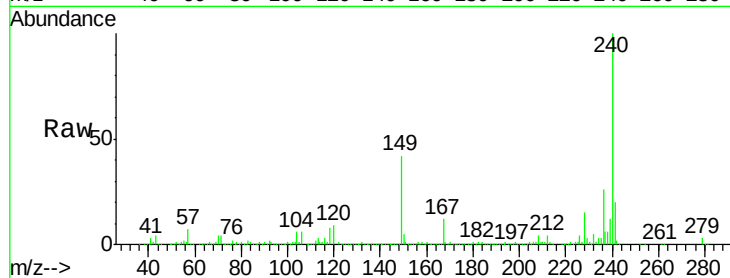
Tgt Ion:240 Resp: 746155

Ion Ratio Lower Upper

240 100

120 9.4 9.5 14.3#

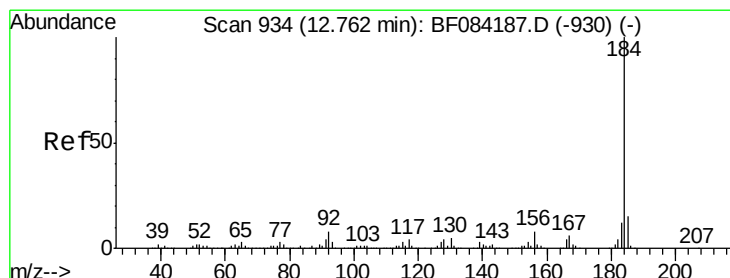
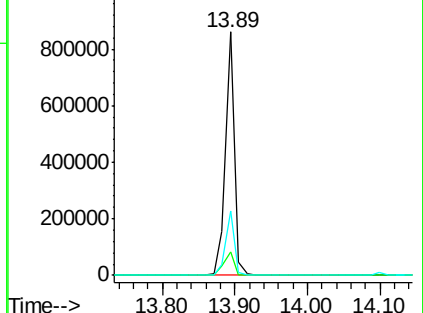
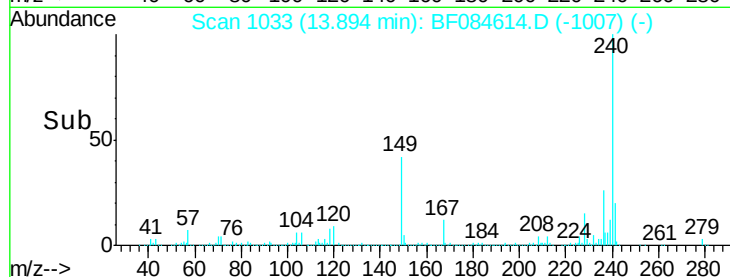
236 26.3 20.6 31.0



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: 23.38 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

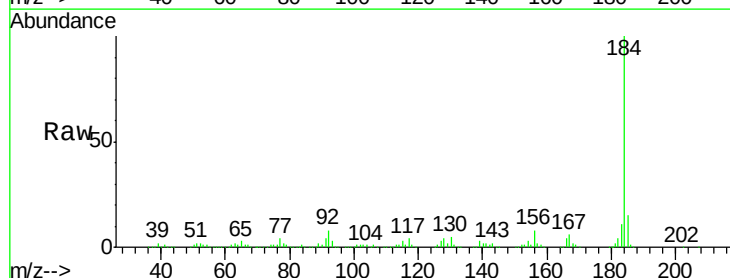
Tgt Ion:184 Resp: 625528

Ion Ratio Lower Upper

184 100

185 14.7 12.2 18.2

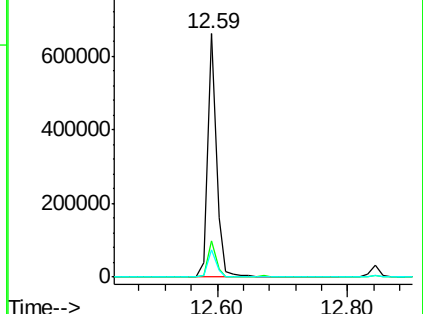
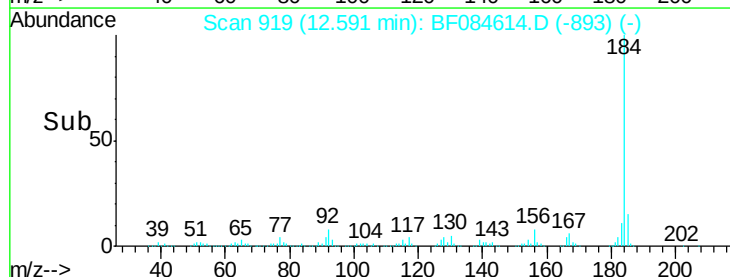
183 11.3 9.8 14.8

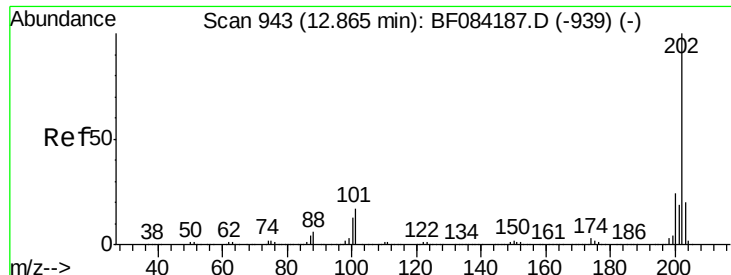


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

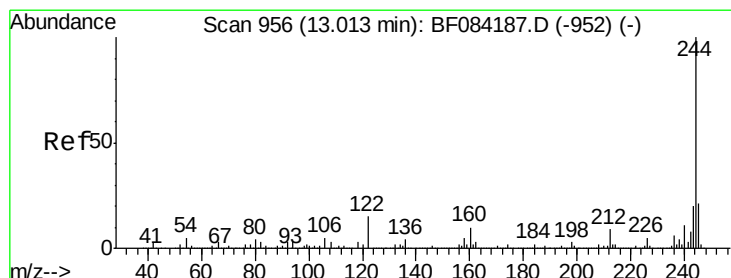
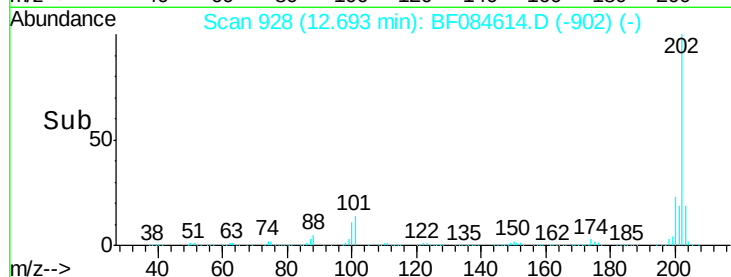
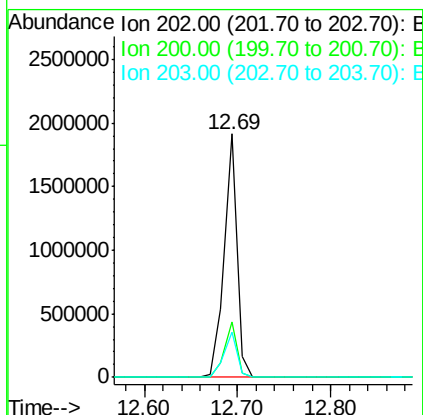
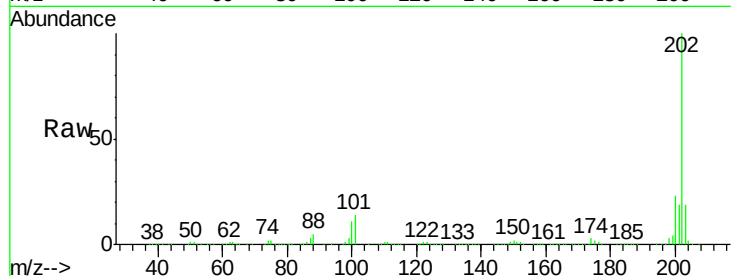




#77
Pyrene
 Concen: 31.05 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

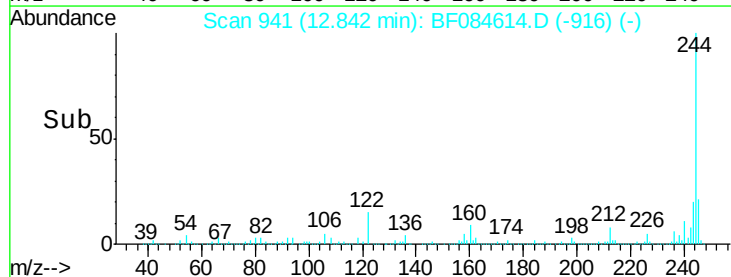
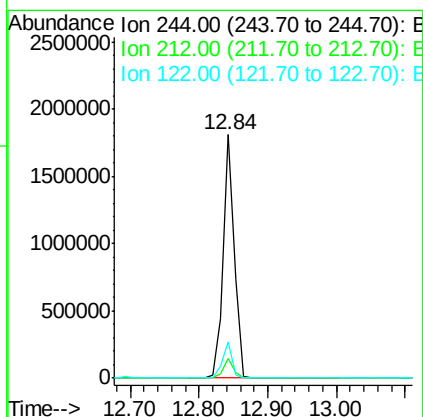
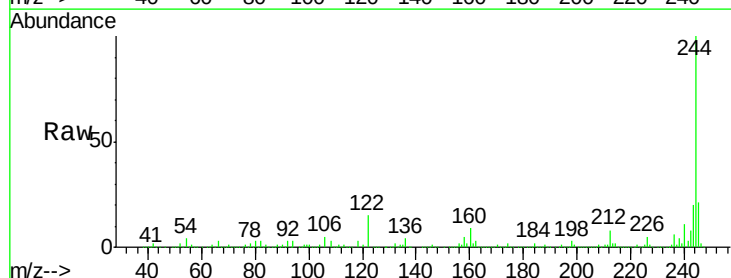
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

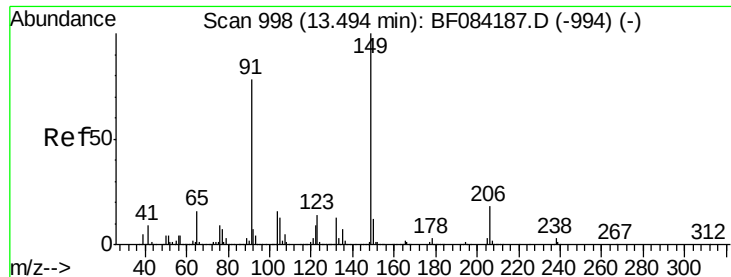
Tgt Ion:202 Resp: 1818009
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.2 25.8
 203 18.7 14.3 21.5



#78
Terphenyl-d14
 Concen: 62.04 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:244 Resp: 2073845
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.7 8.5
 122 14.7 7.4 11.0#

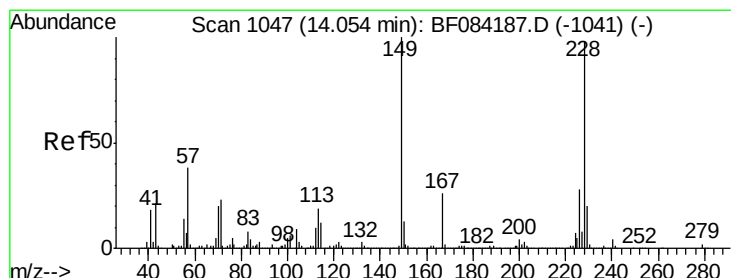
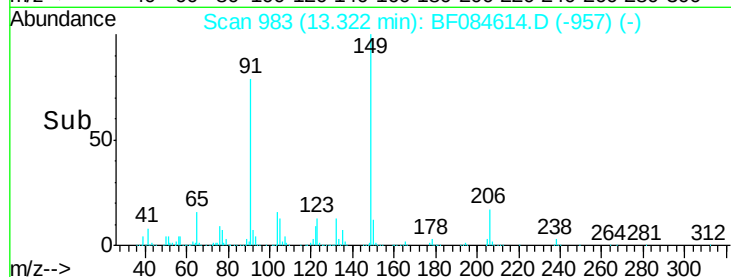
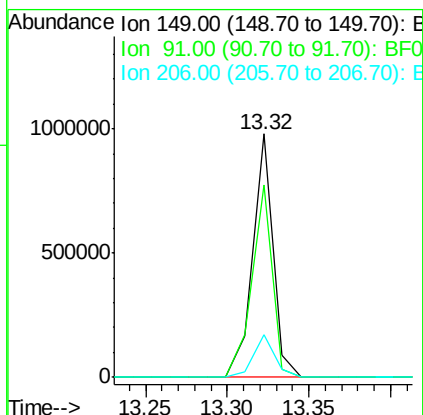
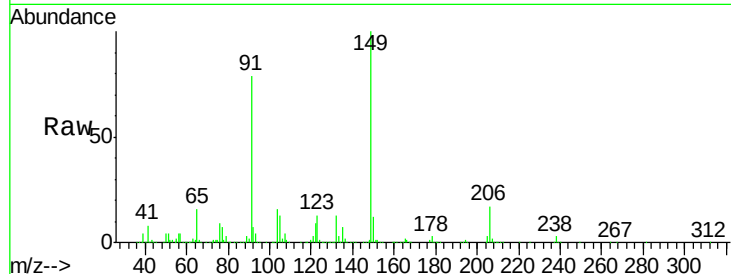




#79
Butylbenzylphthalate
Concen: 33.59 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

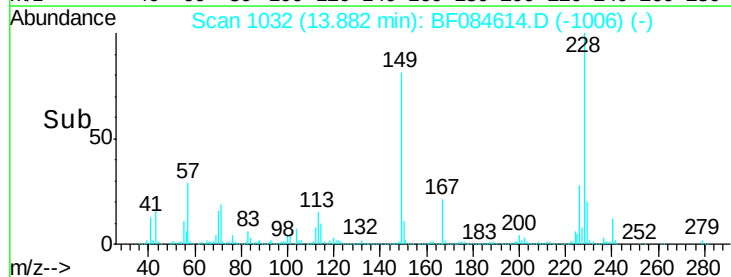
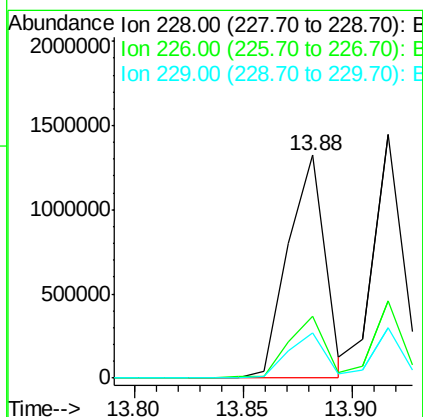
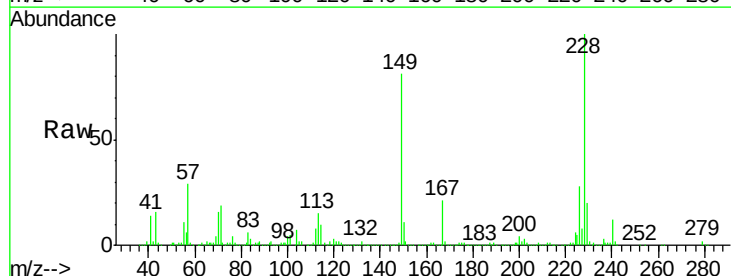
Instrument :
BNA_F
ClientSampleId :
PB87944BS

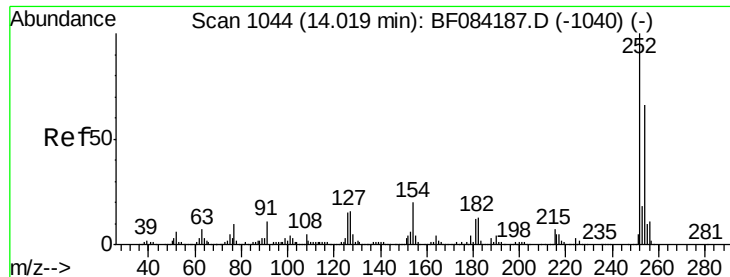
Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	57.6	86.4
206	17.4	13.2	19.8



#80
Benzo(a)anthracene
Concen: 35.91 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.4	15.8	23.8

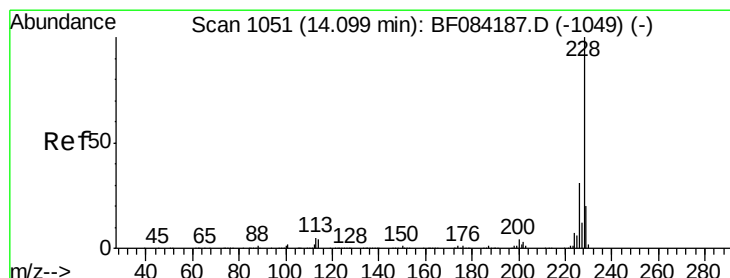
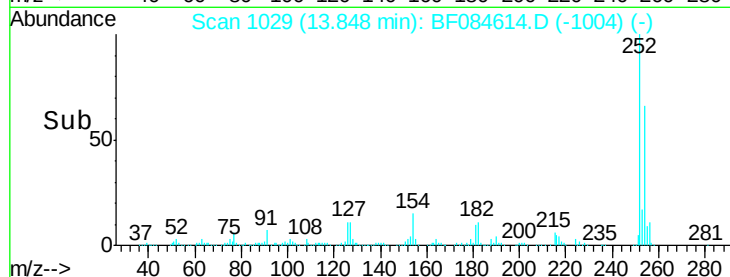
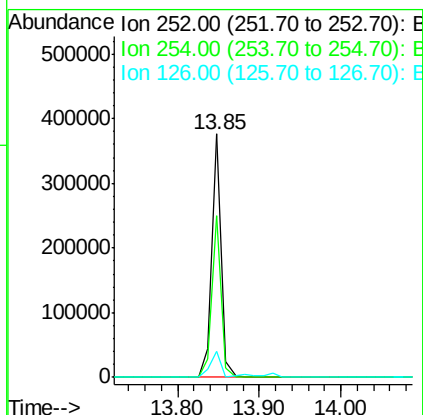
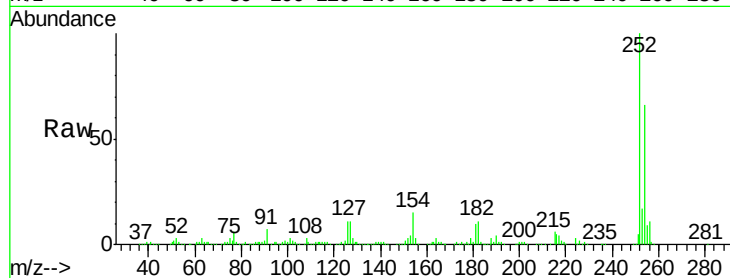




#81
 3,3'-Dichlorobenzidine
 Concen: 20.36 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

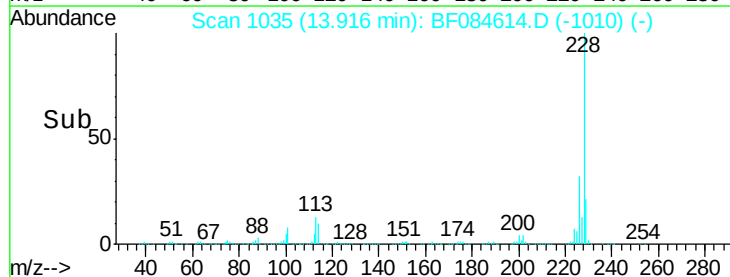
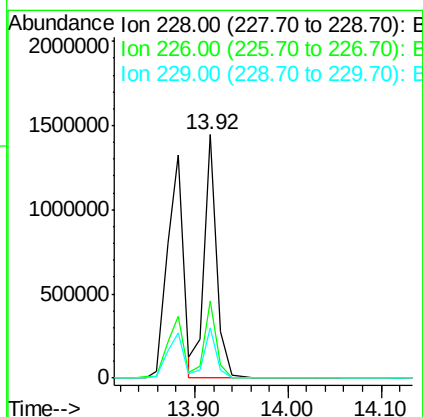
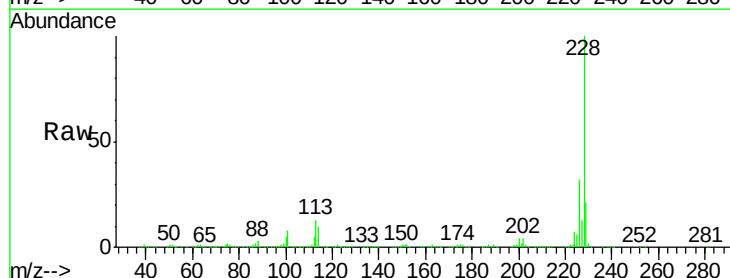
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

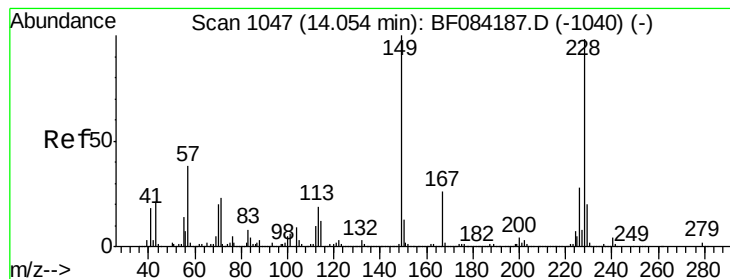
Tgt Ion: 252 Resp: 311295
 Ion Ratio Lower Upper
 252 100
 254 66.2 53.5 80.3
 126 10.6 4.9 7.3#



#82
 Chrysene
 Concen: 32.46 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion: 228 Resp: 1366471
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.3 36.5
 229 20.9 16.1 24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.86 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

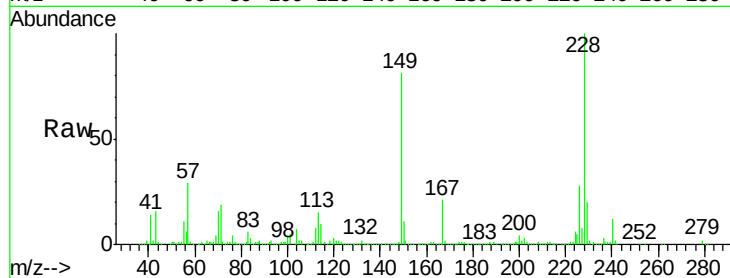
Tgt Ion:149 Resp: 1051901

Ion Ratio Lower Upper

149 100

167 25.4 19.7 29.5

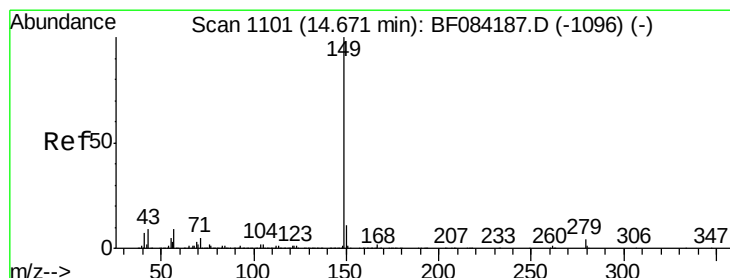
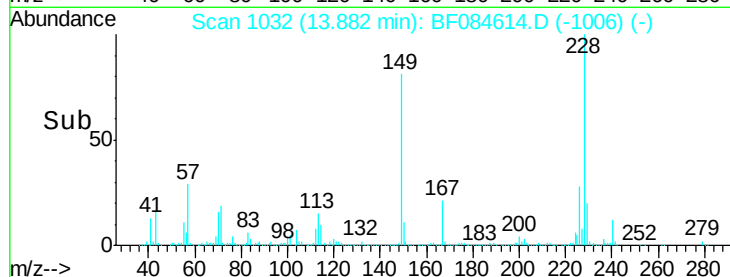
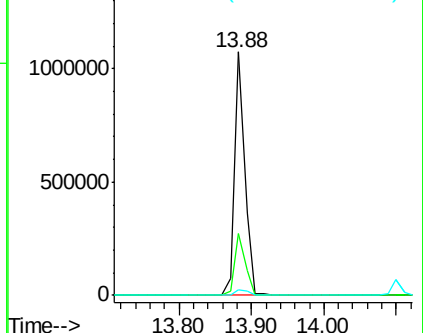
279 2.4 1.8 2.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 36.37 ng

RT: 14.50 min Scan# 1086

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

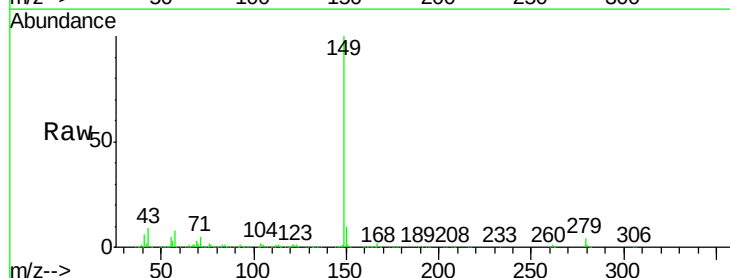
Tgt Ion:149 Resp: 1965627

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

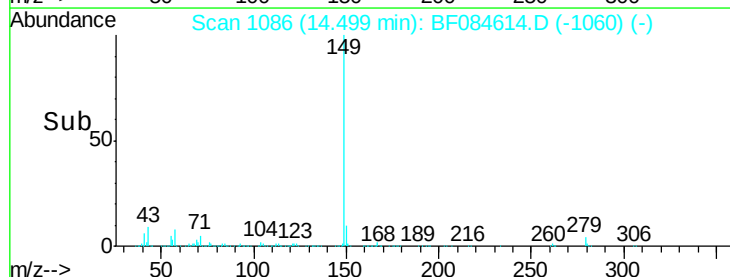
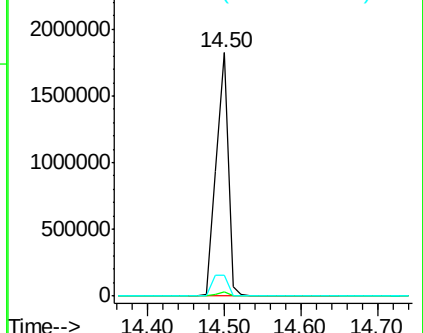
43 11.2 5.6 8.4#

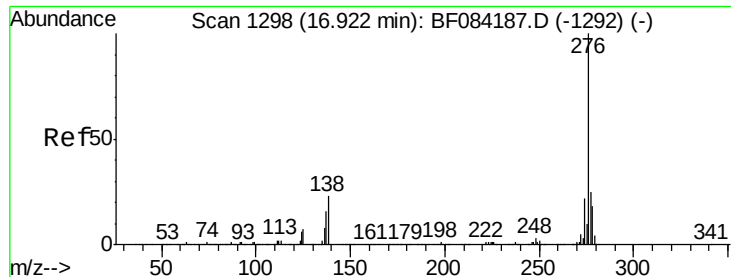


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

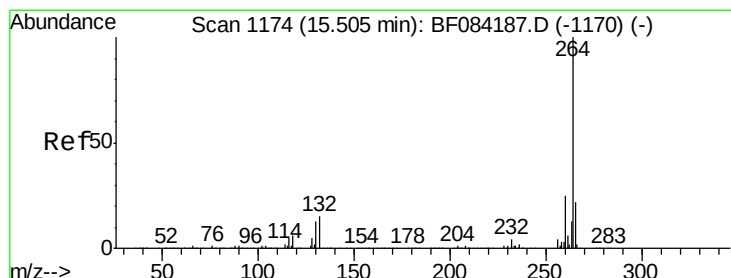
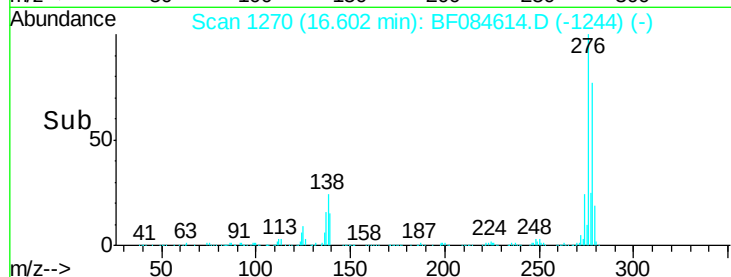
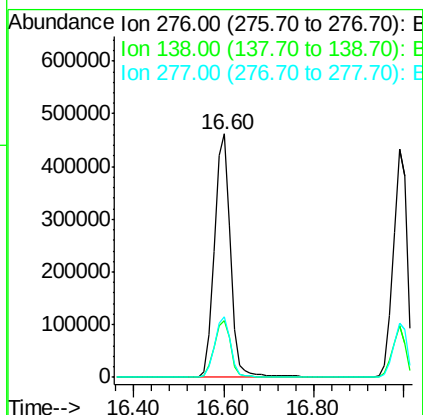
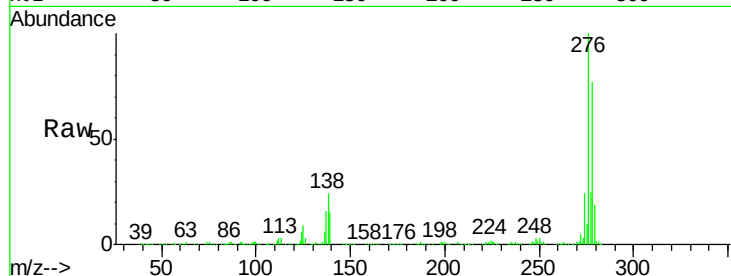




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.41 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

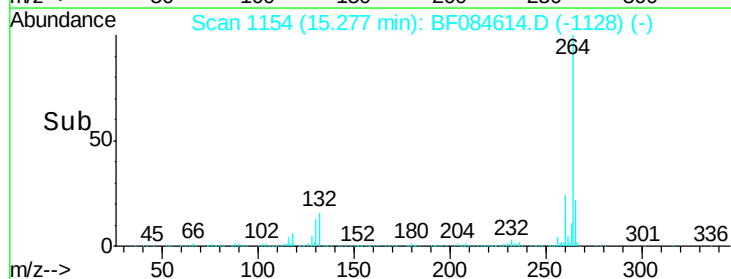
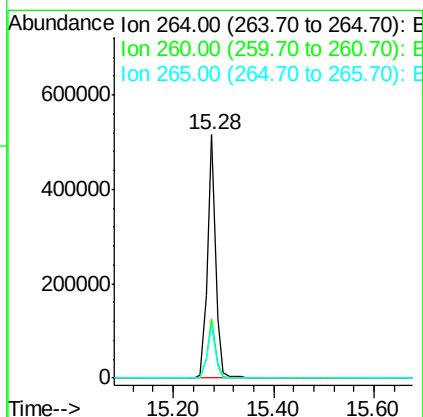
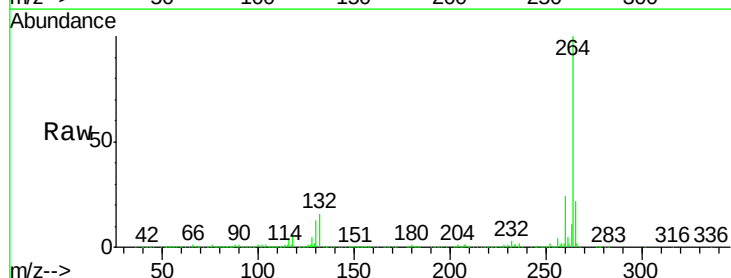
Instrument :
 BNA_F
 ClientSampleId :
 PB87944BS

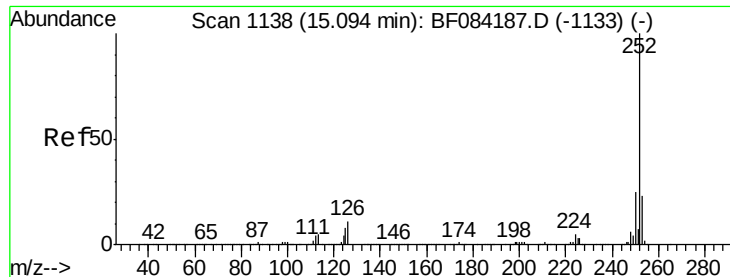
Tgt Ion:276 Resp: 1148452
 Ion Ratio Lower Upper
 276 100
 138 24.3 20.6 30.8
 277 25.0 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF084614.D
 Acq: 25 Jan 2016 18:27

Tgt Ion:264 Resp: 586046
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.9 17.8 26.6

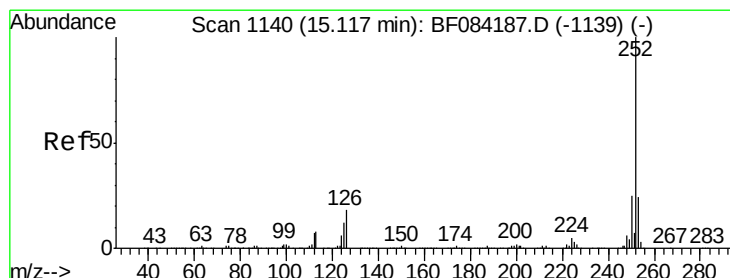
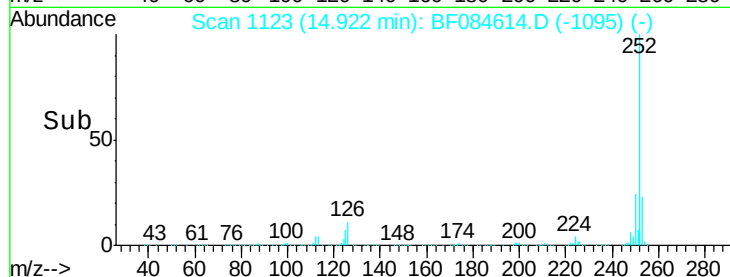
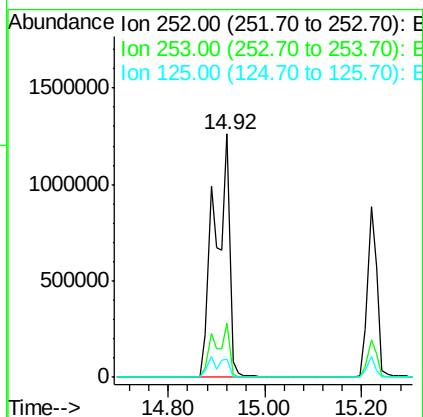
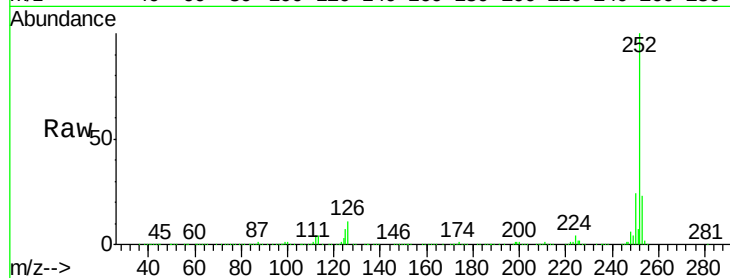




#87
Benzo(b)fluoranthene
Concen: 71.02 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.02 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

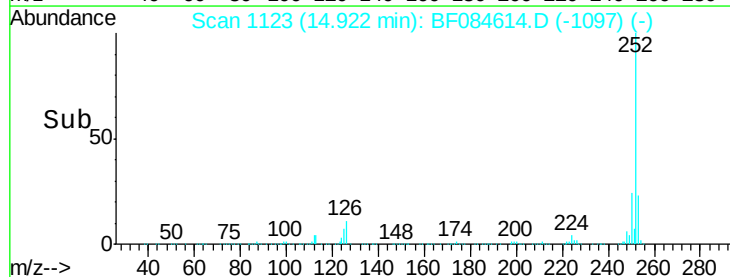
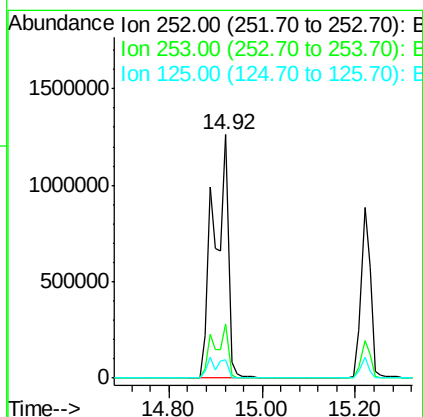
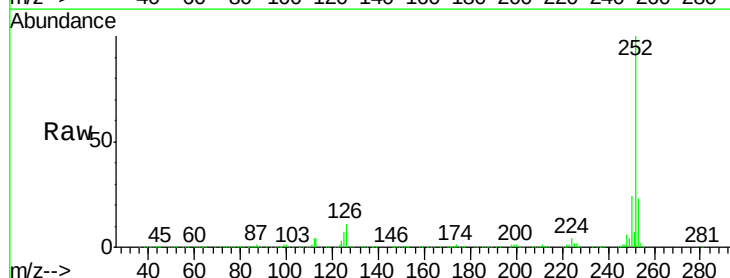
Instrument :
BNA_F
ClientSampleId :
PB87944BS

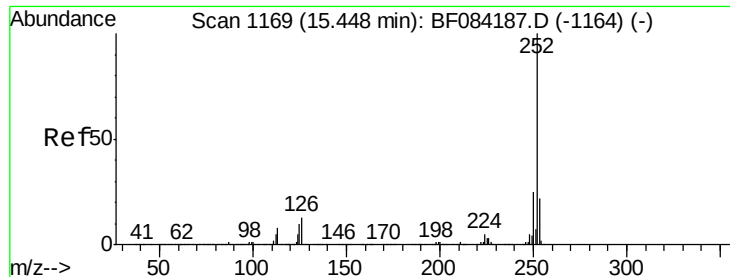
Tgt Ion:252 Resp: 2722530
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 7.4 6.5 9.7



#88
Benzo(k)fluoranthene
Concen: 86.86 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BF084614.D
Acq: 25 Jan 2016 18:27

Tgt Ion:252 Resp: 2723226
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 7.4 9.0 13.6#





#89

Benzo(a)pyrene

Concen: 37.85 ng

RT: 15.22 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

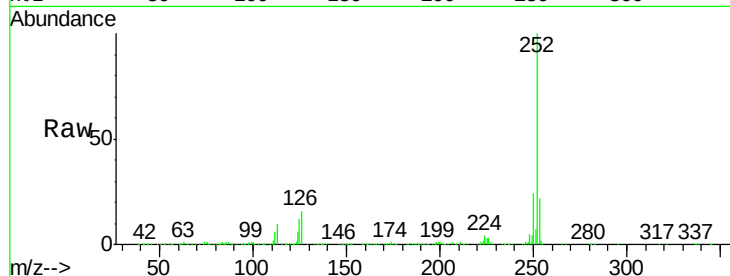
Tgt Ion:252 Resp: 1230811

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

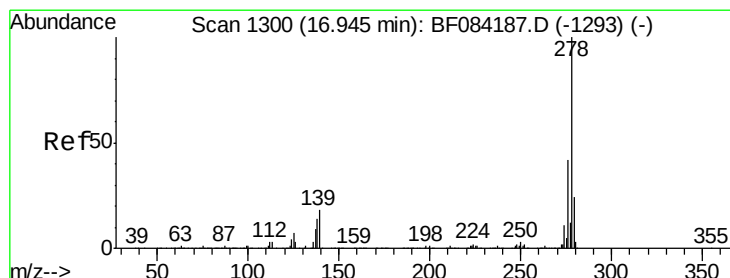
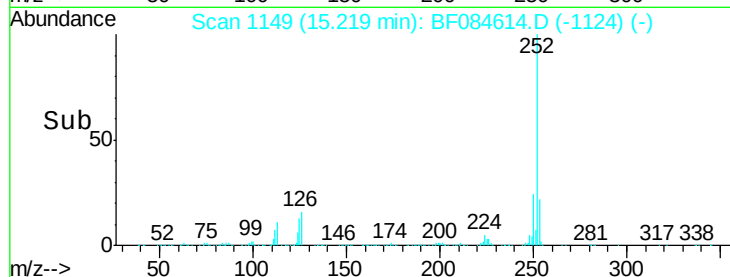
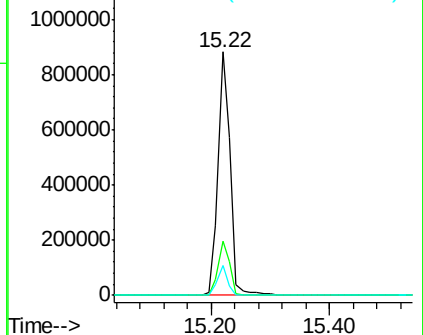
125 12.2 7.0 10.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 34.12 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

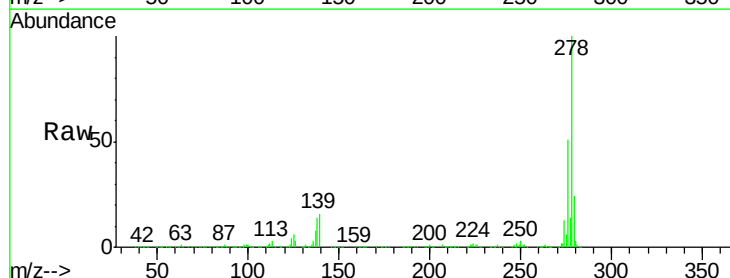
Tgt Ion:278 Resp: 954616

Ion Ratio Lower Upper

278 100

139 16.0 15.0 22.4

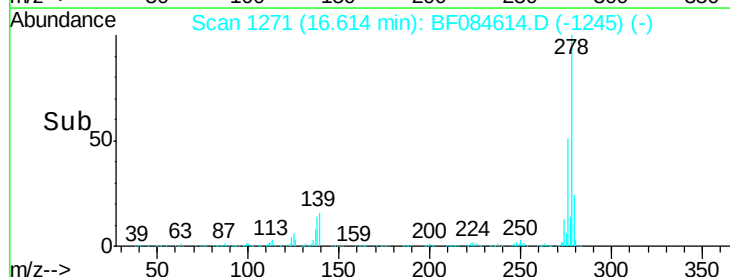
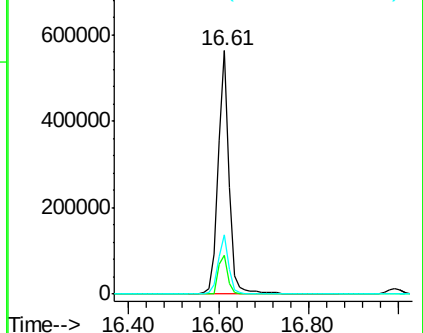
279 24.3 18.9 28.3

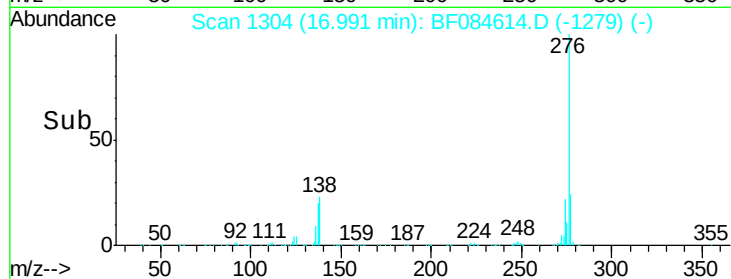
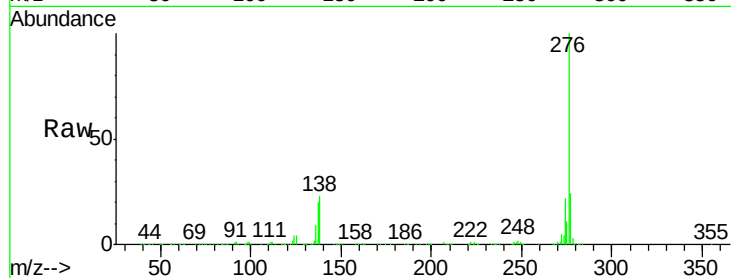
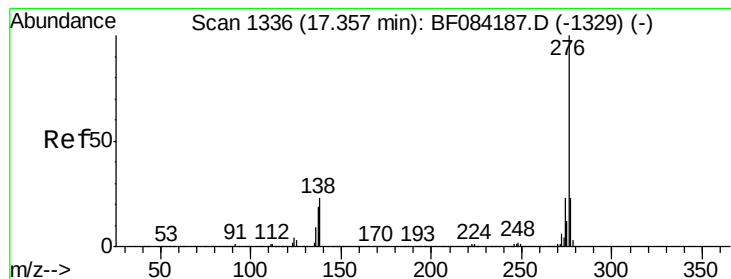


Abundance Ion 278.00 (277.70 to 278.70): E

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: 32.85 ng

RT: 16.99 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF084614.D

Acq: 25 Jan 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB87944BS

Tgt Ion:276 Resp: 951921

Ion Ratio Lower Upper

276 100

277 23.6 18.8 28.2

138 22.9 17.8 26.6

