

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011916\
 Data File : BF084551.D
 Acq On : 19 Jan 2016 14:47
 Operator : SJ/UM
 Sample : PB87864BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

Quant Time: Jan 19 23:57:10 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	209276	20.00	ng	-0.03
21) Naphthalene-d8	8.08	136	851954	20.00	ng	-0.05
38) Acenaphthene-d10	9.84	164	424941	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	798959	20.00	ng	-0.03
75) Chrysene-d12	13.95	240	576280	20.00	ng	-0.05
86) Perylene-d12	15.36	264	468440	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1332811	103.01	ng	-0.03
7) Phenol-d6	6.44	99	1838595	113.15	ng	-0.03
23) Nitrobenzene-d5	7.37	82	1279060	83.56	ng	-0.03
41) 2,4,6-Tribromophenol	10.62	330	475842	110.92	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	2007111	82.94	ng	-0.03
78) Terphenyl-d14	12.91	244	2173296	84.18	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.44	88	214142	34.94	ng	# 71
3) Pyridine	3.14	79	492808	28.84	ng	# 71
4) n-Nitrosodimethylamine	3.09	42	284485	32.43	ng	# 75
6) Aniline	6.45	93	449672	18.92	ng	# 1
8) 2-Chlorophenol	6.58	128	600449	40.90	ng	89
9) Benzaldehyde	6.34	77	60052	5.68	ng	88
10) Phenol	6.45	94	713690	38.63	ng	91
11) bis(2-Chloroethyl)ether	6.53	93	575328	40.20	ng	# 83
12) 1,3-Dichlorobenzene	6.97	146	611053	40.35	ng	99
13) 1,4-Dichlorobenzene	6.81	146	607681	40.02	ng	97
14) 1,2-Dichlorobenzene	6.97	146	611096	42.02	ng	98
15) Benzyl Alcohol	6.94	79	510147	37.32	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.08	45	974395	37.39	ng	88
17) 2-Methylphenol	7.06	107	467391	37.99	ng	94
18) Hexachloroethane	7.31	117	250316	41.22	ng	# 87
19) n-Nitroso-di-n-propylamine	7.22	70	438116	39.83	ng	# 80
20) 3+4-Methylphenols	7.22	107	615513	42.56	ng	# 85
22) Acetophenone	7.21	105	833560	40.69	ng	# 97
24) Nitrobenzene	7.38	77	599388	38.61	ng	96
25) Isophorone	7.62	82	1144499	39.09	ng	99
26) 2-Nitrophenol	7.70	139	330259	46.74	ng	# 87
27) 2,4-Dimethylphenol	7.74	122	584842	40.89	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	726183	40.61	ng	100
29) 2,4-Dichlorophenol	7.95	162	505578	42.44	ng	92
30) 1,2,4-Trichlorobenzene	8.02	180	518991	42.20	ng	96
31) Naphthalene	8.10	128	1639072	42.40	ng	99
32) Benzoic acid	7.88	122	370806	41.30	ng	98
33) 4-Chloroaniline	8.16	127	224006	12.64	ng	95
34) Hexachlorobutadiene	8.22	225	313894	44.40	ng	98
35) Caprolactam	8.52	113	119864	29.84	ng	# 49
36) 4-Chloro-3-methylphenol	8.65	107	556511	41.70	ng	95
37) 2-Methylnaphthalene	8.80	142	1190574	42.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	470193	38.49	ng	99
40) Hexachlorocyclopentadiene	8.96	237	549889	74.56	ng	100

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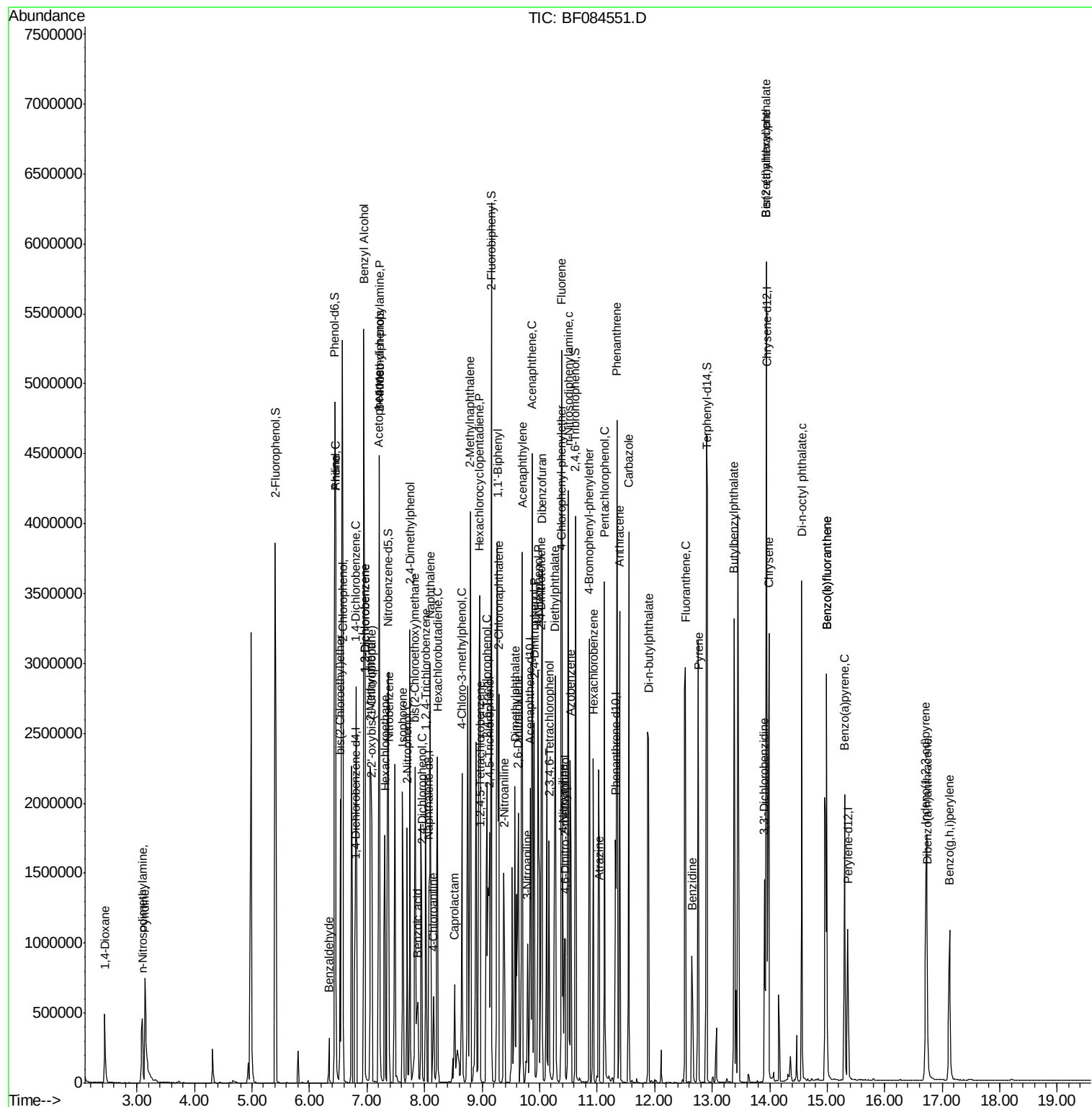
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	352153	38.53	ng	94
43) 2,4,5-Trichlorophenol	9.13	196	374644	42.76	ng	97
45) 1,1'-Biphenyl	9.26	154	1446700	42.84	ng	97
46) 2-Chloronaphthalene	9.29	162	1086336	40.95	ng	# 89
47) 2-Nitroaniline	9.38	65	322233	36.80	ng	97
48) Acenaphthylene	9.70	152	1609461	41.07	ng	97
49) Dimethylphthalate	9.57	163	1298363	42.74	ng	# 91
50) 2,6-Dinitrotoluene	9.63	165	308074	46.24	ng	# 89
51) Acenaphthene	9.87	154	1081500	41.14	ng	97
52) 3-Nitroaniline	9.79	138	139098	16.85	ng	# 95
53) 2,4-Dinitrophenol	9.90	184	336697	116.91	ng	# 89
54) Dibenzofuran	10.04	168	1354622	39.42	ng	92
55) 4-Nitrophenol	9.97	139	451352	75.31	ng	# 83
56) 2,4-Dinitrotoluene	10.03	165	359793	42.67	ng	# 91
57) Fluorene	10.38	166	1108981	41.96	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	307531	41.11	ng	88
59) Diethylphthalate	10.27	149	1304221	43.54	ng	97
60) 4-Chlorophenyl-phenylether	10.37	204	503515	45.39	ng	# 88
61) 4-Nitroaniline	10.41	138	271774	36.93	ng	92
62) Azobenzene	10.53	77	1299219	39.55	ng	86
64) 4,6-Dinitro-2-methylphenol	10.44	198	234908	48.60	ng	79
65) n-Nitrosodiphenylamine	10.50	169	976124	38.21	ng	99
66) 4-Bromophenyl-phenylether	10.86	248	330037	38.38	ng	# 78
67) Hexachlorobenzene	10.93	284	392718	40.57	ng	95
68) Atrazine	11.04	200	333435	39.89	ng	90
69) Pentachlorophenol	11.13	266	368892	73.50	ng	98
70) Phenanthrene	11.34	178	1757545	42.05	ng	96
71) Anthracene	11.39	178	1687986	41.20	ng	99
72) Carbazole	11.55	167	1441058	35.98	ng	98
73) Di-n-butylphthalate	11.89	149	1956151	46.29	ng	99
74) Fluoranthene	12.53	202	1832180	41.97	ng	93
76) Benzidine	12.65	184	446941	21.63	ng	99
77) Pyrene	12.76	202	1857431	41.07	ng	99
79) Butylbenzylphthalate	13.38	149	773700	39.54	ng	88
80) Benzo(a)anthracene	13.94	228	1420099	41.97	ng	98
81) 3,3'-Dichlorobenzidine	13.91	252	345558	29.26	ng	# 94
82) Chrysene	13.99	228	1473942	45.33	ng	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	982870	39.76	ng	# 100
84) Di-n-octyl phthalate	14.56	149	1708359	40.93	ng	# 90
85) Indeno(1,2,3-cd)pyrene	16.72	276	1047485	40.64	ng	100
87) Benzo(b)fluoranthene	14.99	252	2419328	78.95	ng	# 97
88) Benzo(k)fluoranthene	14.99	252	2420372	96.58	ng	99
89) Benzo(a)pyrene	15.30	252	1093676	42.08	ng	# 94
90) Dibenzo(a,h)anthracene	16.74	278	864477	38.65	ng	# 95
91) Benzo(g,h,i)perylene	17.13	276	891127	38.48	ng	99

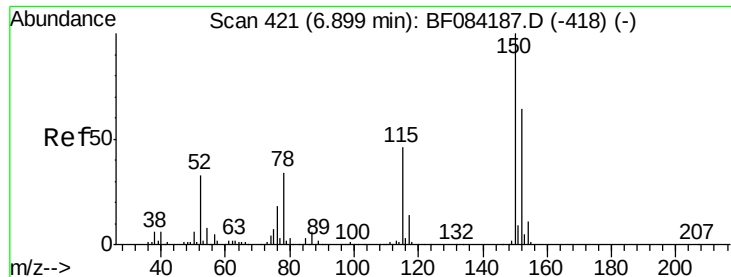
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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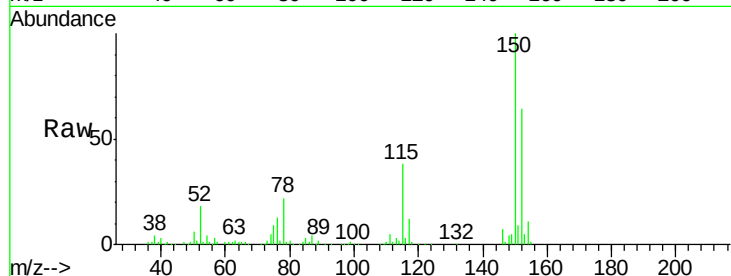


#1

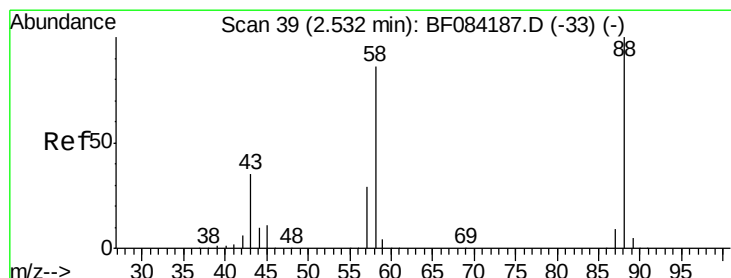
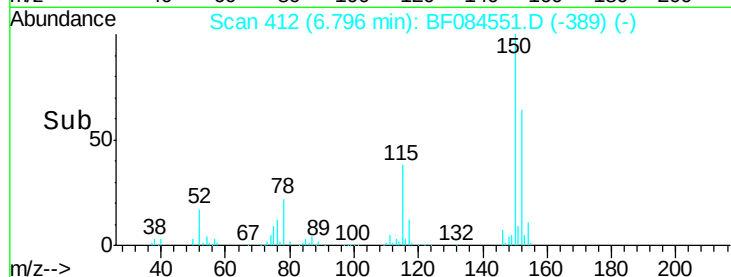
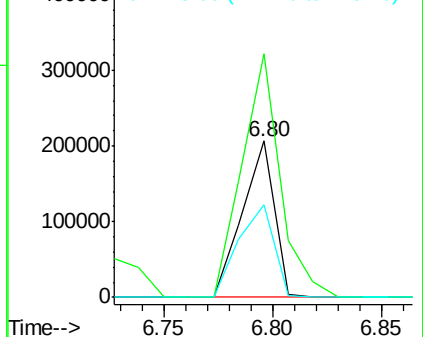
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB87864BS

Tgt Ion: 152 Resp: 209276
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 59.0 51.4 77.2



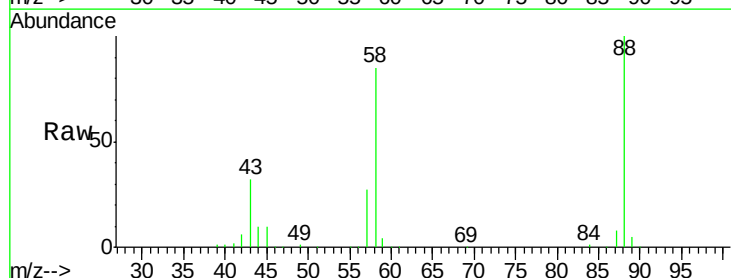
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



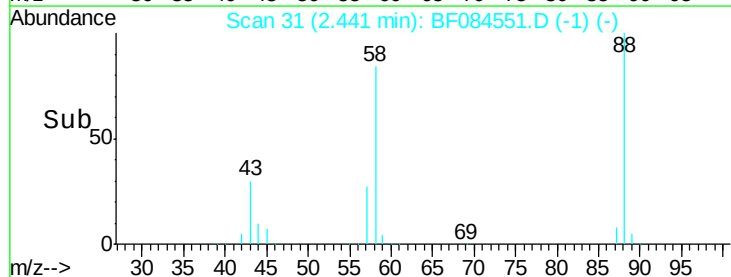
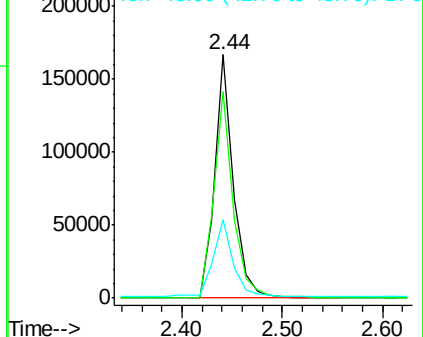
#2

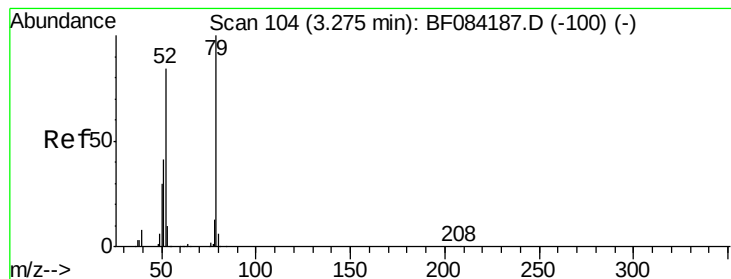
1,4-Dioxane
Concen: 34.94 ng
RT: 2.44 min Scan# 31
Delta R.T. 0.05 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion: 88 Resp: 214142
Ion Ratio Lower Upper
88 100
58 88.4 51.2 76.8#
43 35.6 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: 28.84 ng

RT: 3.14 min Scan# 92

Delta R.T. 0.01 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

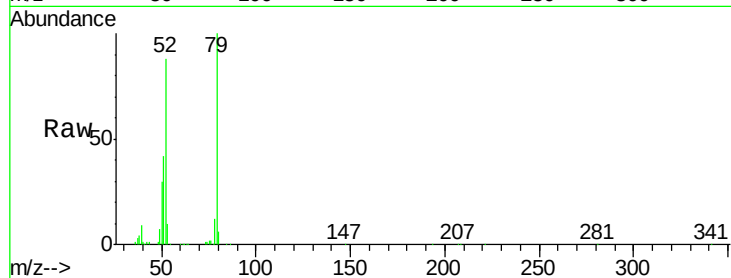
Tgt Ion: 79 Resp: 492808

Ion Ratio Lower Upper

79 100

52 87.5 49.0 73.4#

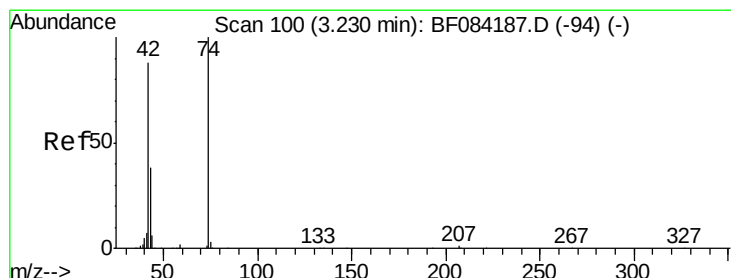
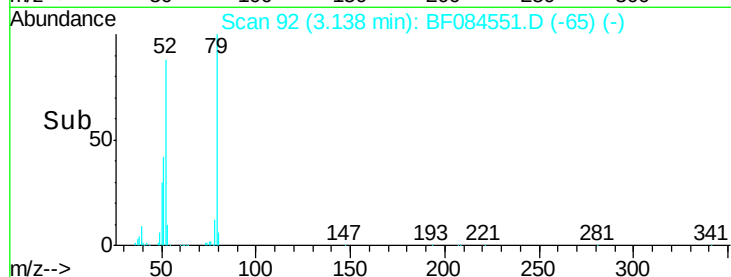
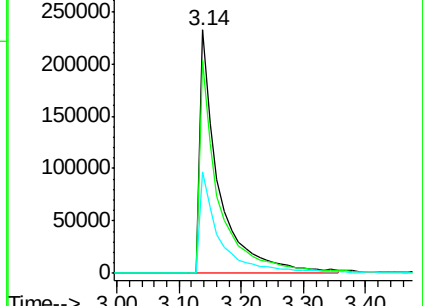
51 41.8 25.2 37.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.43 ng

RT: 3.09 min Scan# 88

Delta R.T. 0.02 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

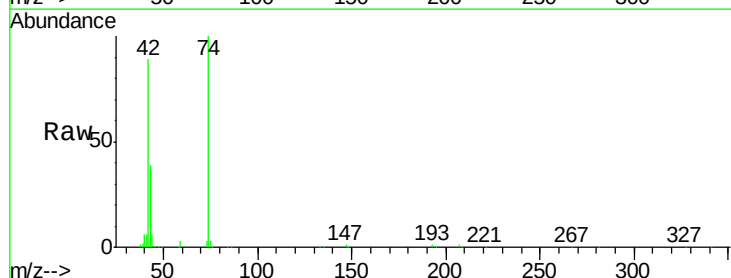
Tgt Ion: 42 Resp: 284485

Ion Ratio Lower Upper

42 100

74 112.5 115.7 173.5#

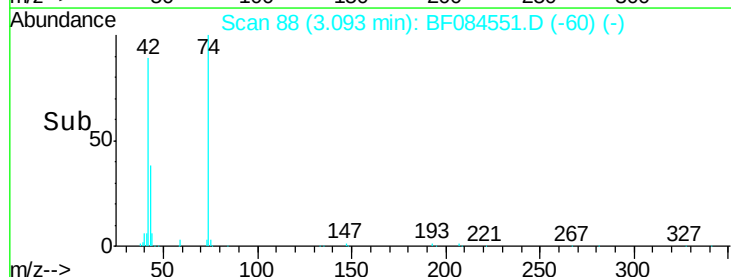
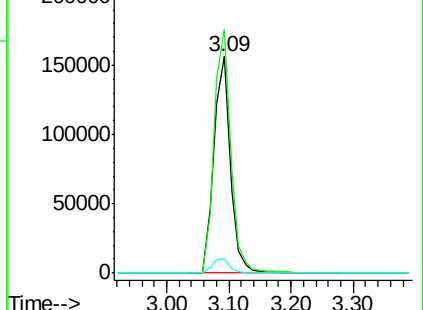
44 6.8 5.1 7.7

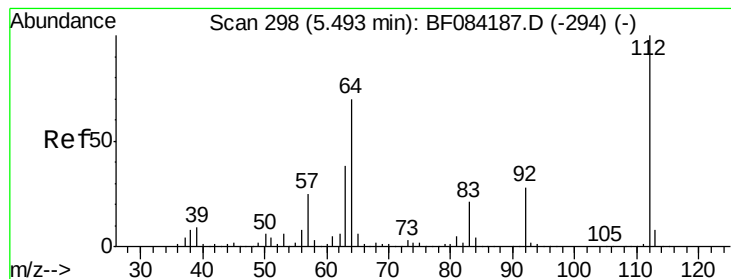


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 103.01 ng

RT: 5.40 min Scan# 290

Delta R.T. -0.03 min

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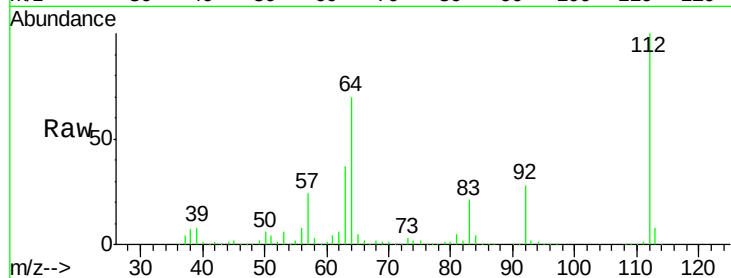
Tgt Ion: 112 Resp: 1332811

Ion Ratio Lower Upper

112 100

64 69.5 36.6 55.0#

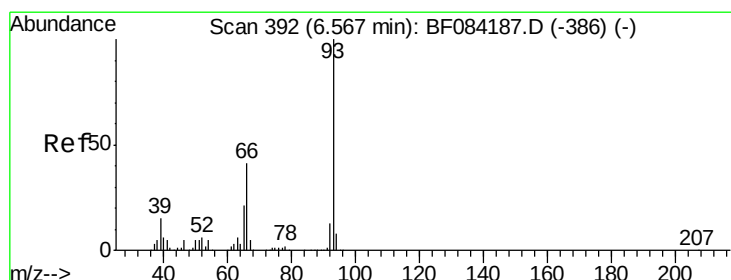
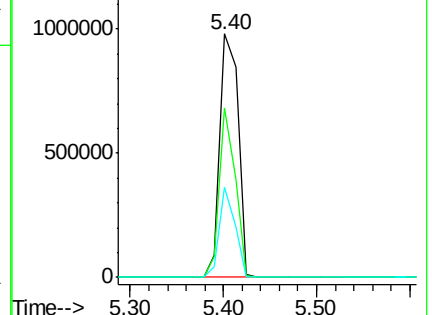
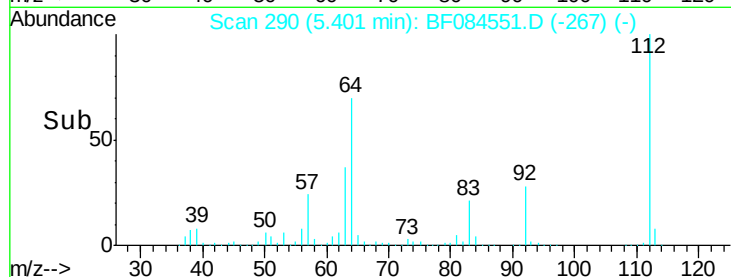
63 36.8 19.4 29.0#



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: 18.92 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

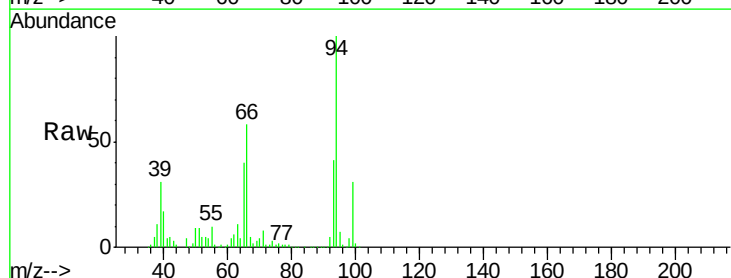
Tgt Ion: 93 Resp: 449672

Ion Ratio Lower Upper

93 100

66 141.0 44.9 67.3#

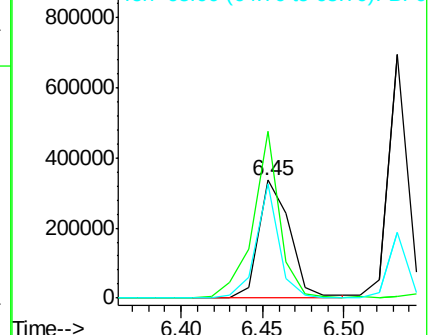
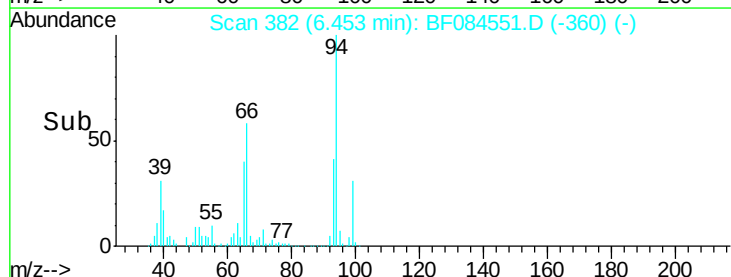
65 97.1 23.7 35.5#

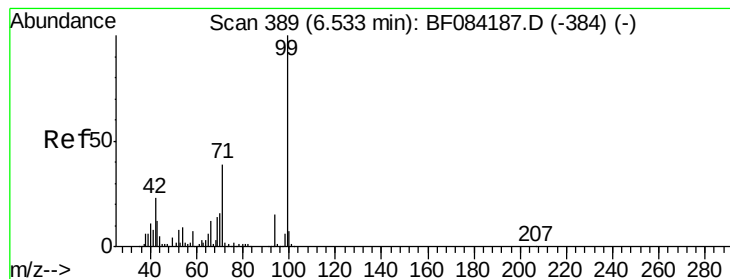


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.15 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.03 min

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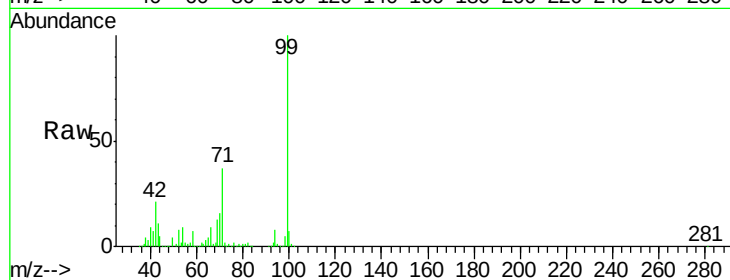
Tgt Ion: 99 Resp: 1838595

Ion Ratio Lower Upper

99 100

42 20.6 12.8 19.2#

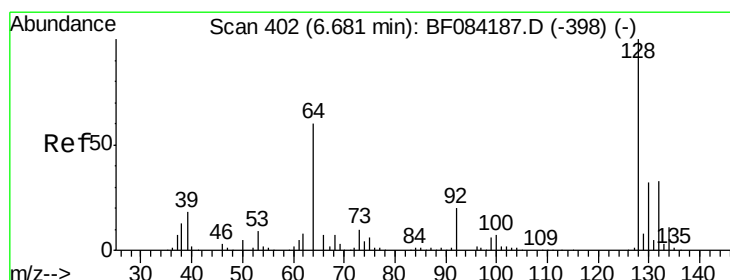
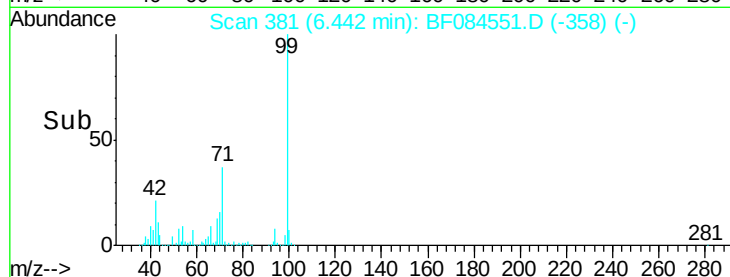
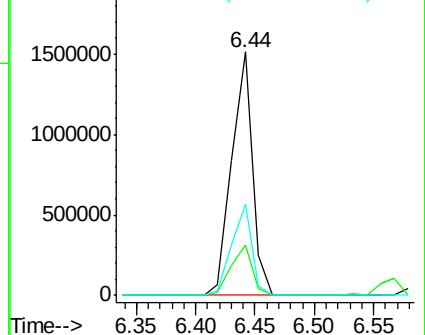
71 37.3 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.90 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

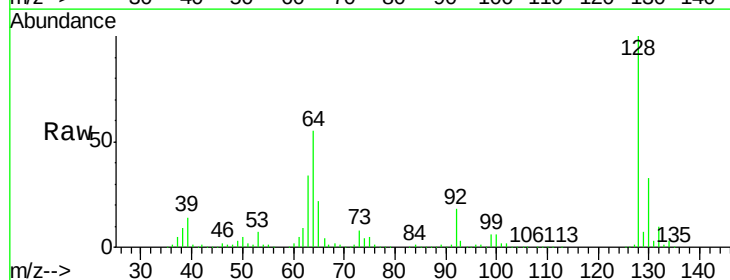
Tgt Ion: 128 Resp: 600449

Ion Ratio Lower Upper

128 100

130 32.5 11.6 51.6

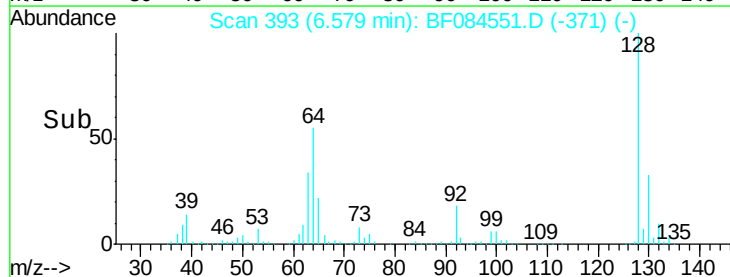
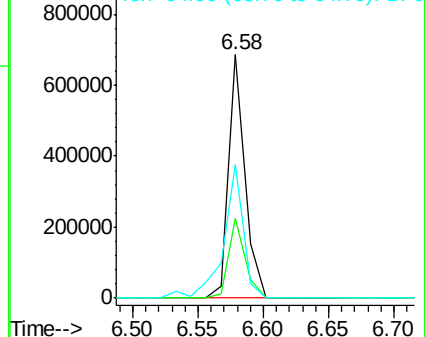
64 54.9 23.8 63.8

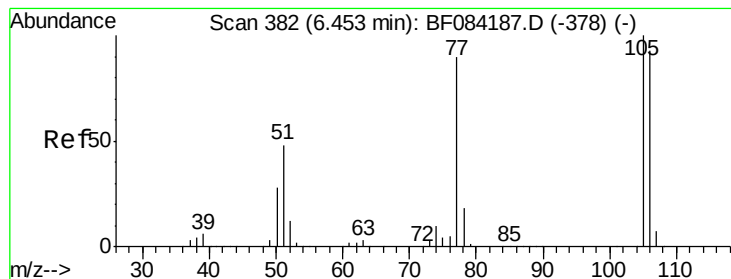


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 5.68 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.05 min

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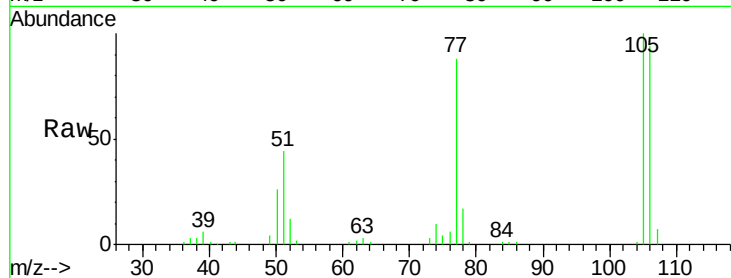
Tgt Ion: 77 Resp: 60052

Ion Ratio Lower Upper

77 100

105 113.4 83.0 123.0

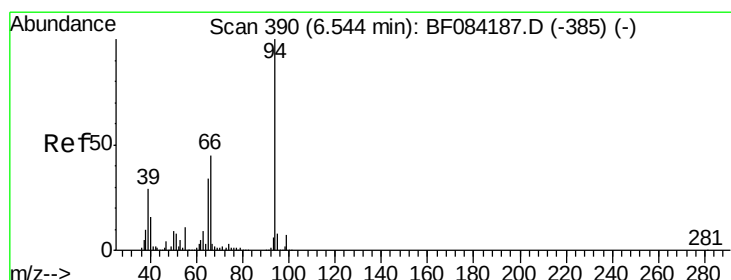
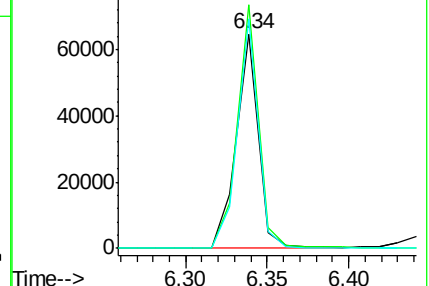
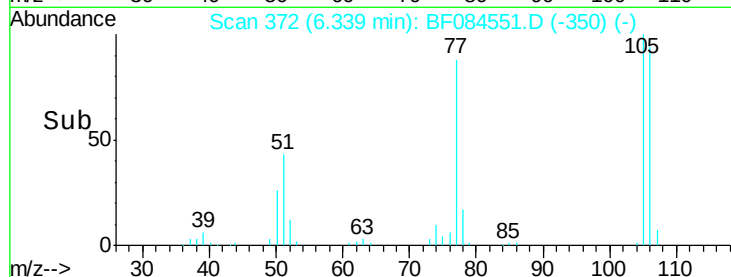
106 107.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.63 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

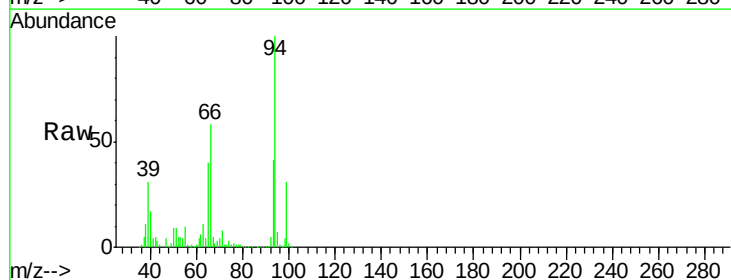
Tgt Ion: 94 Resp: 713690

Ion Ratio Lower Upper

94 100

65 39.9 12.9 52.9

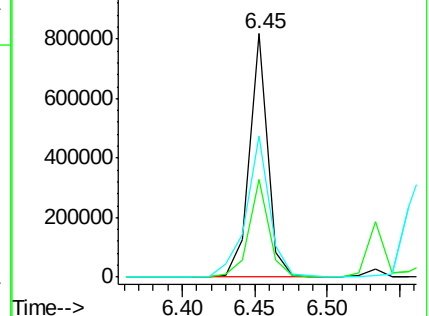
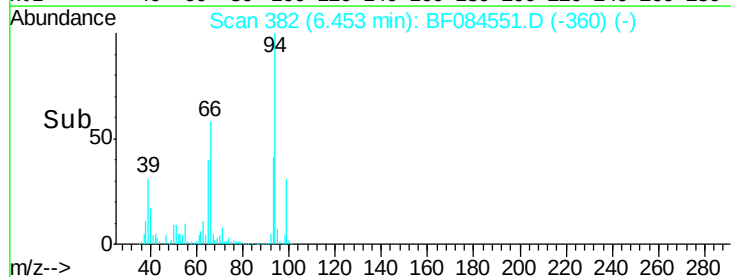
66 58.0 32.7 72.7

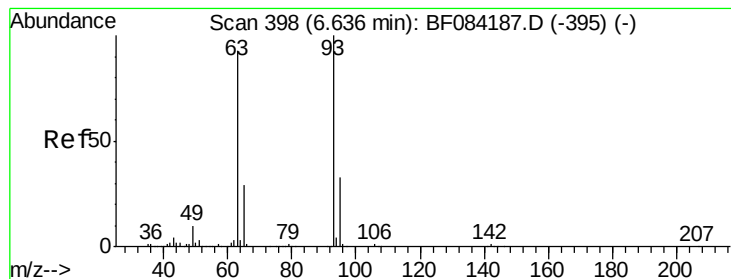


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.20 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

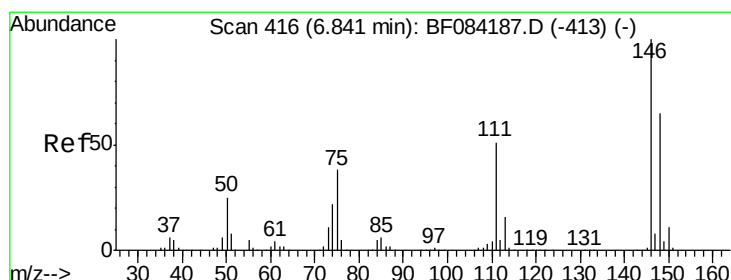
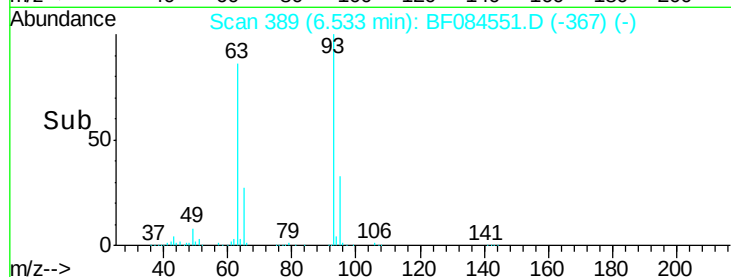
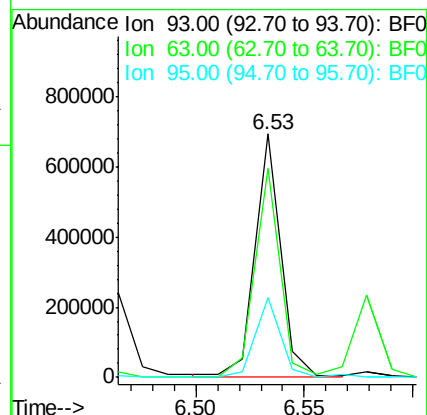
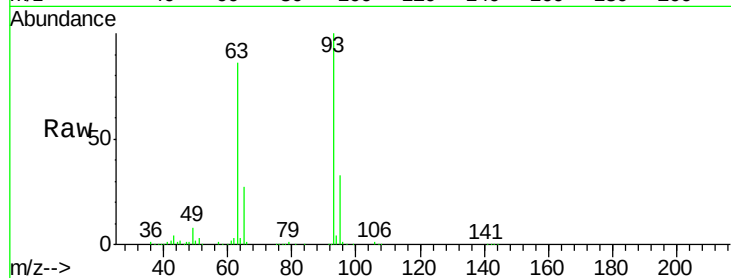
Tgt Ion: 93 Resp: 575328

Ion Ratio Lower Upper

93 100

63 86.1 45.9 85.9#

95 33.0 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 40.35 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.19 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

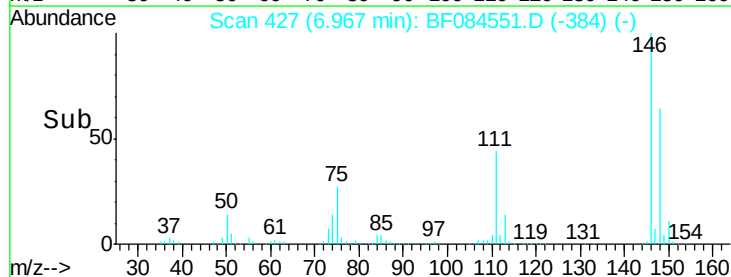
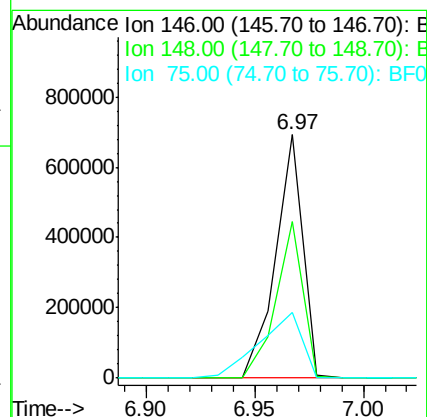
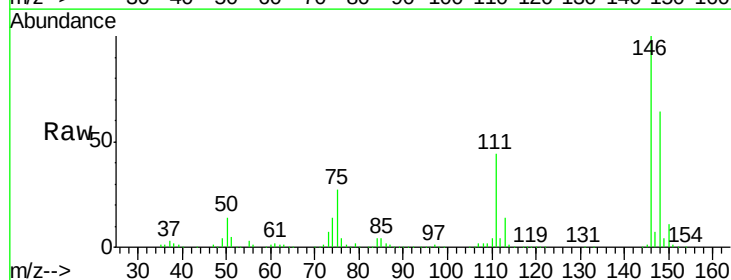
Tgt Ion: 146 Resp: 611053

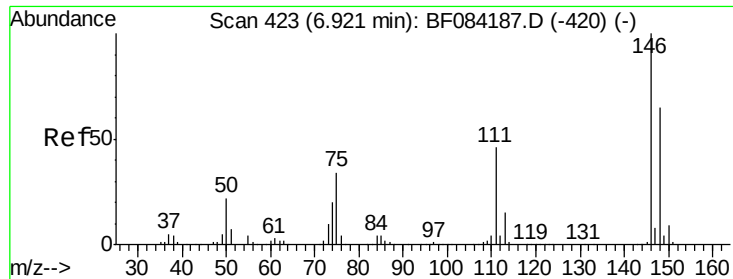
Ion Ratio Lower Upper

146 100

148 64.4 51.9 77.9

75 26.8 20.5 30.7

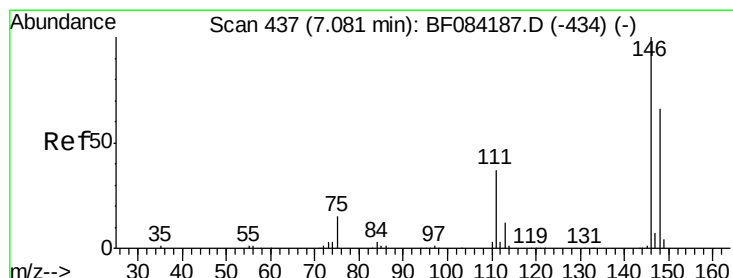
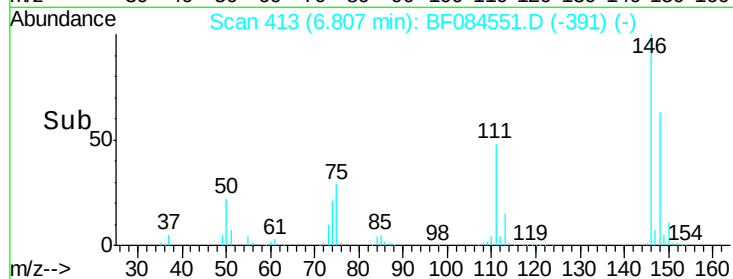
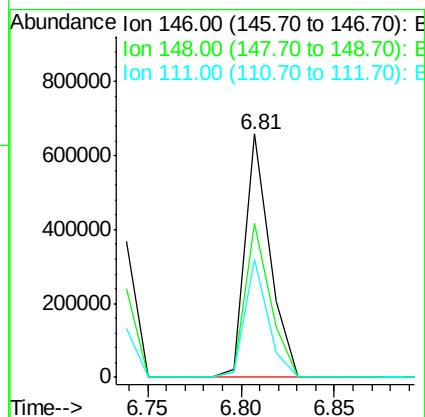
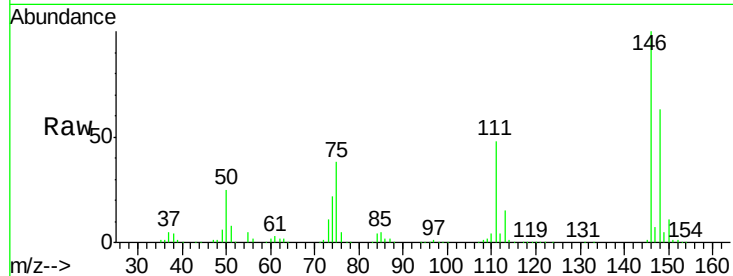




#13
 1,4-Dichlorobenzene
 Concen: 40.02 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

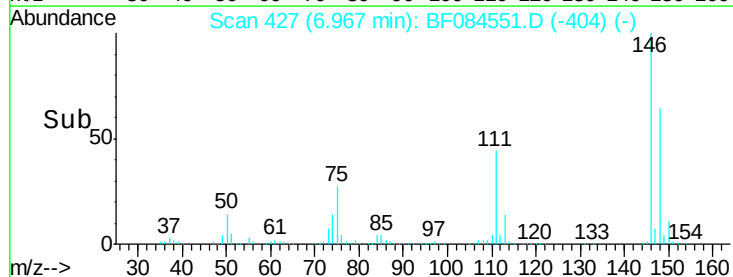
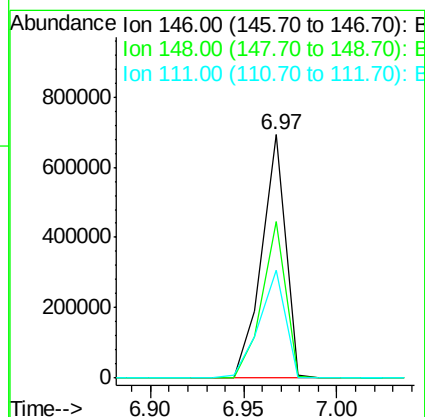
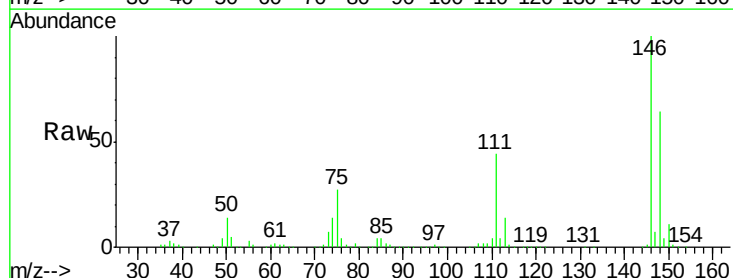
Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

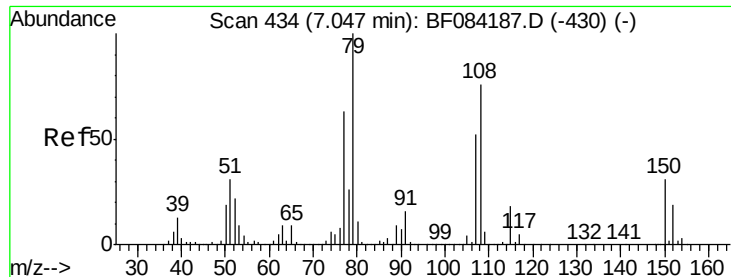
Tgt Ion:146 Resp: 607681
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 48.4 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 42.02 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:146 Resp: 611096
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.6 77.4
 111 44.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 37.32 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

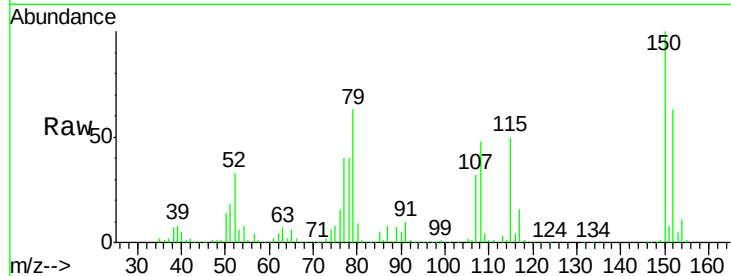
Tgt Ion: 79 Resp: 510147

Ion Ratio Lower Upper

79 100

108 76.1 69.0 103.4

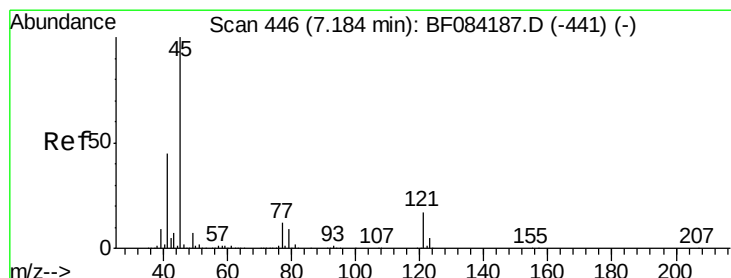
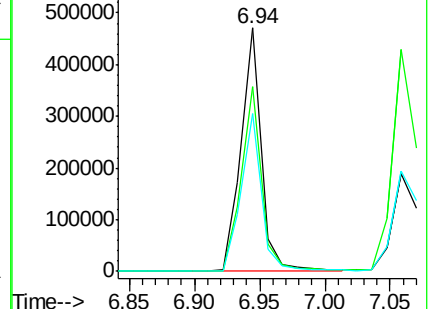
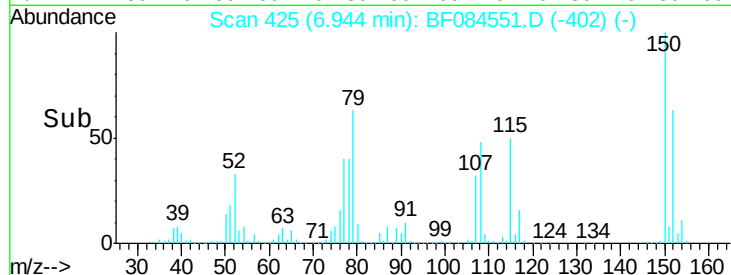
77 64.8 50.0 75.0



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: 37.39 ng

RT: 7.08 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

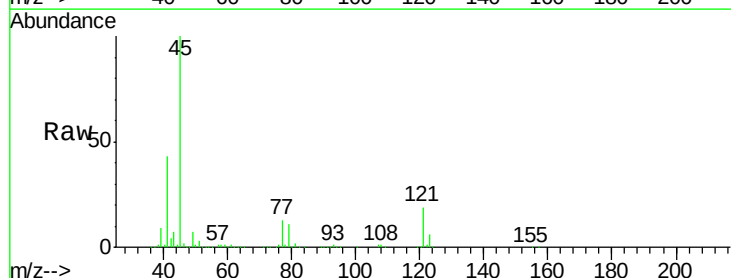
Tgt Ion: 45 Resp: 974395

Ion Ratio Lower Upper

45 100

77 13.3 0.0 39.6

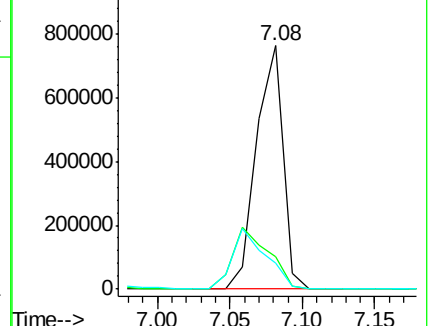
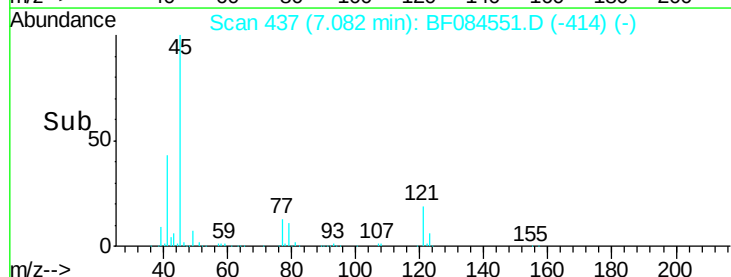
79 10.6 0.0 35.0

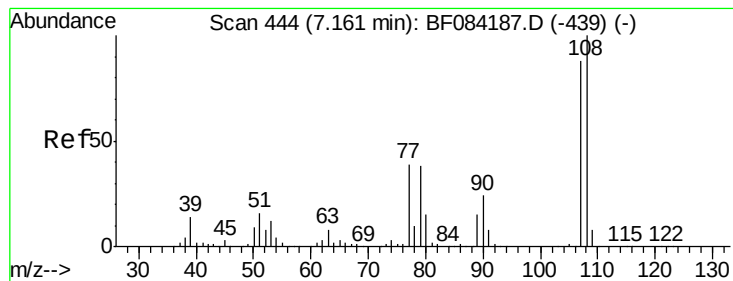


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 37.99 ng

RT: 7.06 min Scan# 435

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

Tgt Ion:107 Resp: 467391

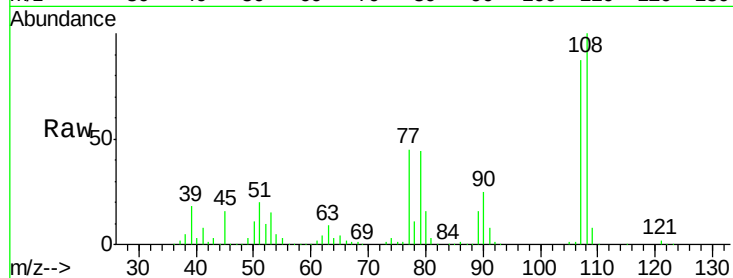
Ion Ratio Lower Upper

107 100

108 115.4 89.8 134.6

77 52.2 35.7 53.5

79 50.5 35.7 53.5

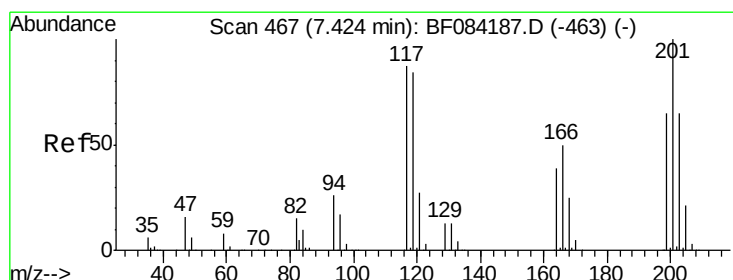
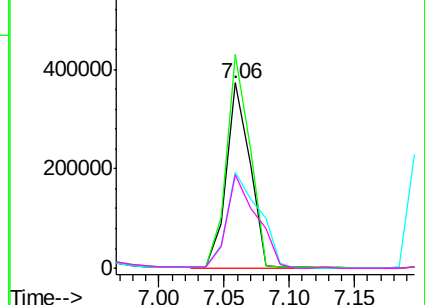
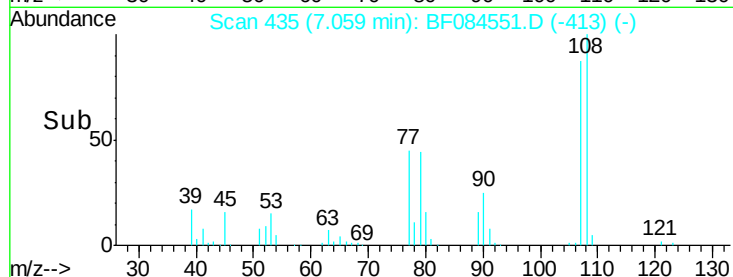


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 41.22 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

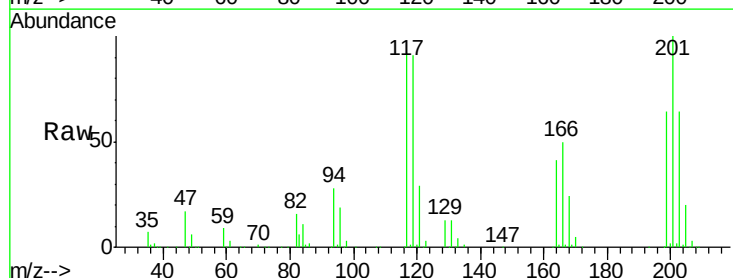
Tgt Ion:117 Resp: 250316

Ion Ratio Lower Upper

117 100

119 98.7 77.4 116.0

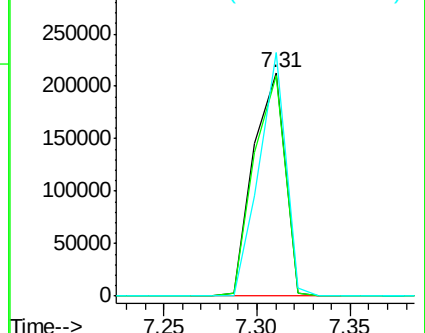
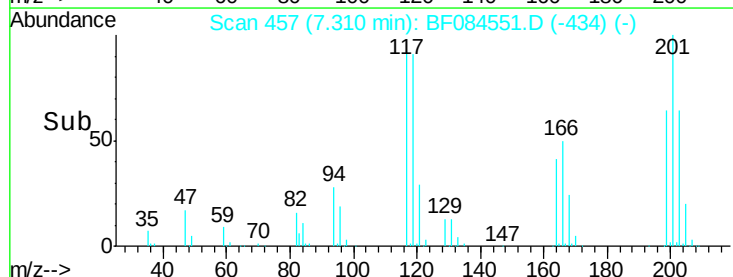
201 108.9 68.6 103.0#

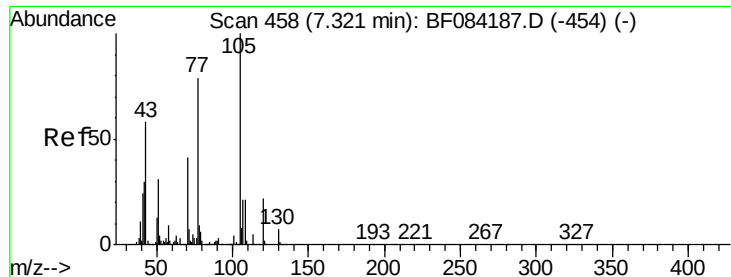


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

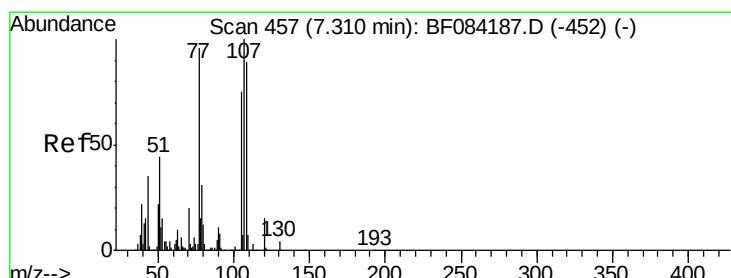
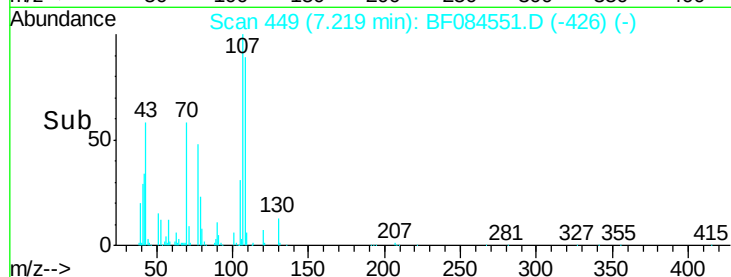
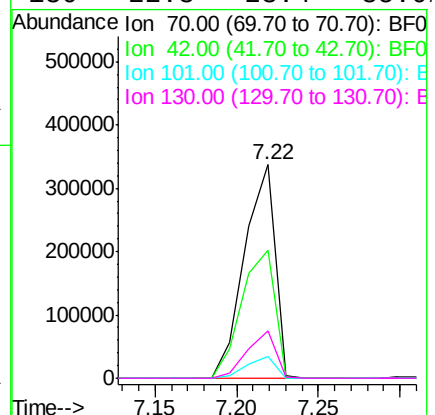
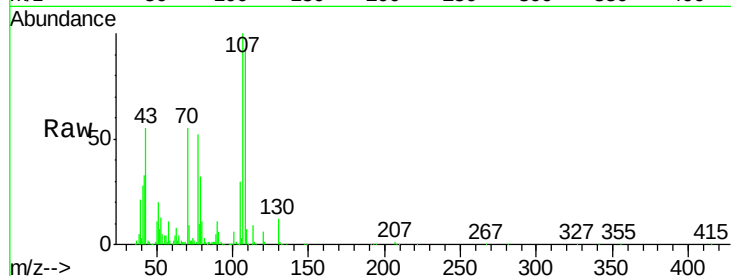




#19
n-Nitroso-di-n-propylamine
Concen: 39.83 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

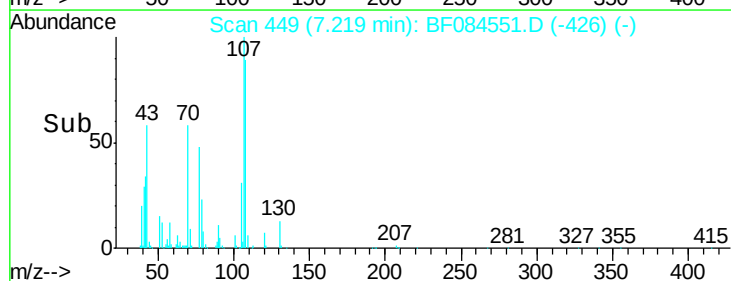
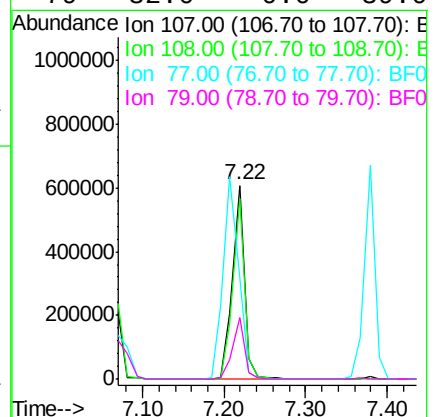
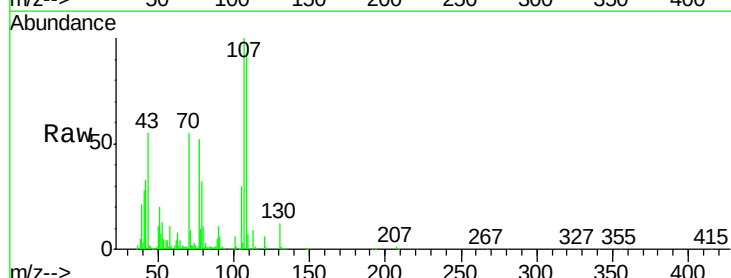
Instrument :
BNA_F
ClientSampleId :
PB87864BS

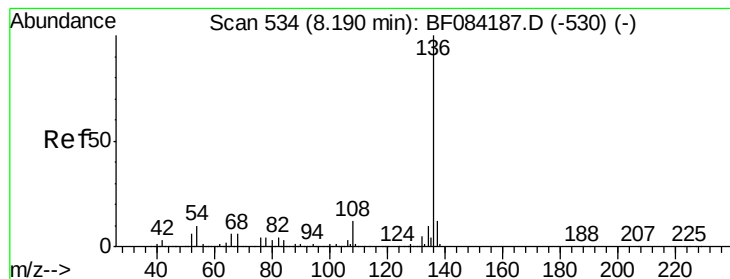
Tgt Ion: 70 Resp: 438116
Ion Ratio Lower Upper
70 100
42 60.0 33.3 49.9#
101 10.2 9.3 13.9
130 22.3 23.4 35.0#



#20
3+4-Methylphenols
Concen: 42.56 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion: 107 Resp: 615513
Ion Ratio Lower Upper
107 100
108 93.3 74.6 114.6
77 52.3 0.7 40.7#
79 32.0 0.0 39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

Tgt Ion:136 Resp: 851954

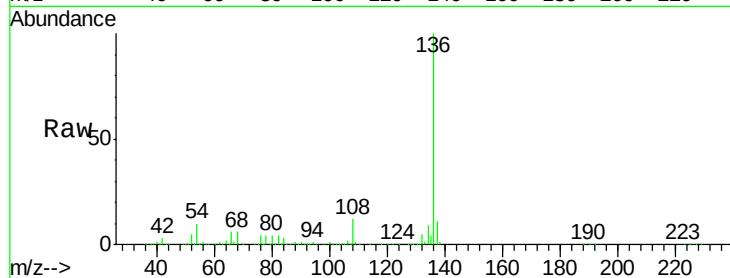
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 10.4 5.8 8.8#

68 6.1 4.2 6.2

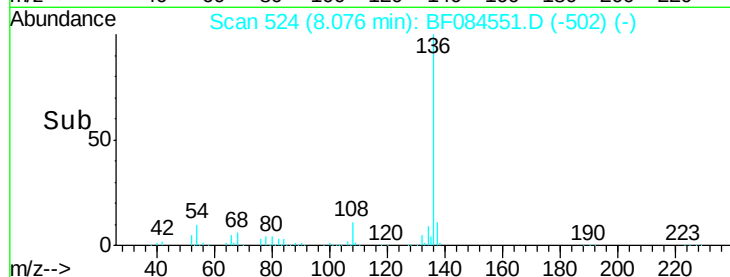


Abundance Ion 136.00 (135.70 to 136.70): E

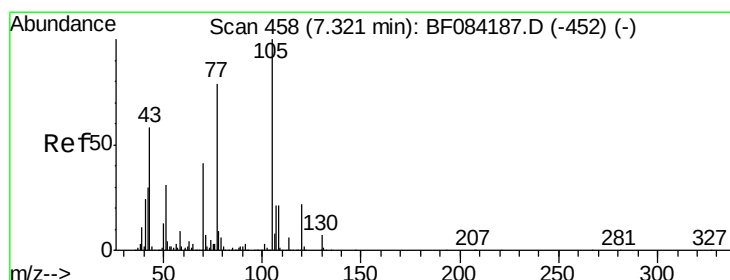
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.69 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Tgt Ion:105 Resp: 833560

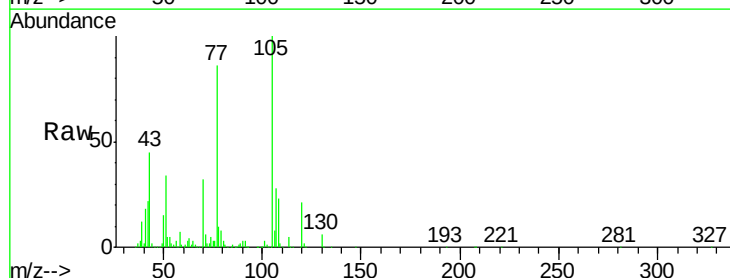
Ion Ratio Lower Upper

105 100

71 5.6 3.7 5.5#

51 34.2 25.1 37.7

120 21.1 16.6 25.0

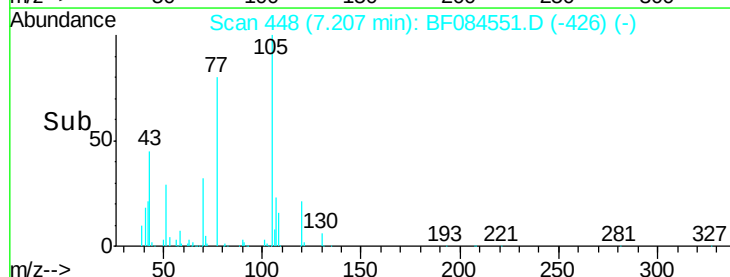


Abundance Ion 105.00 (104.70 to 105.70): E

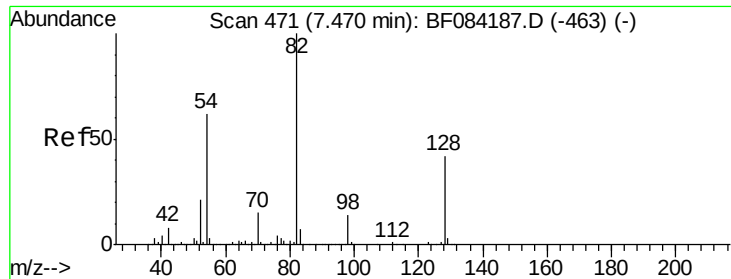
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



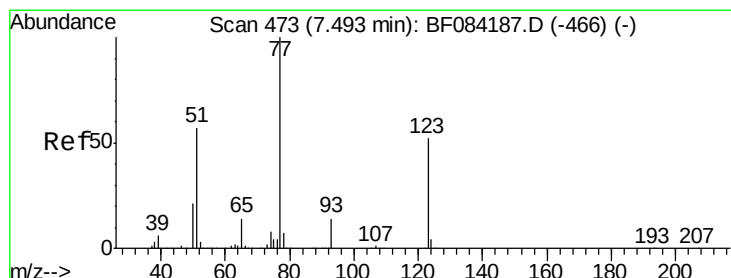
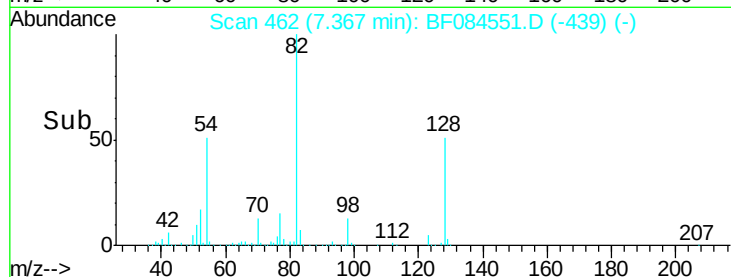
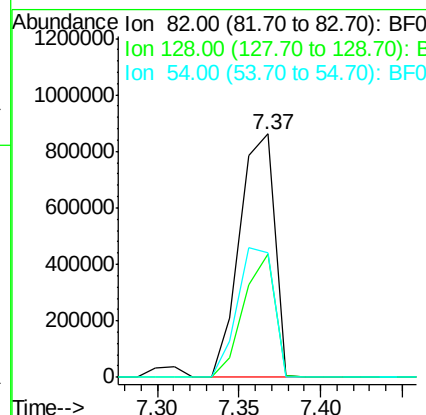
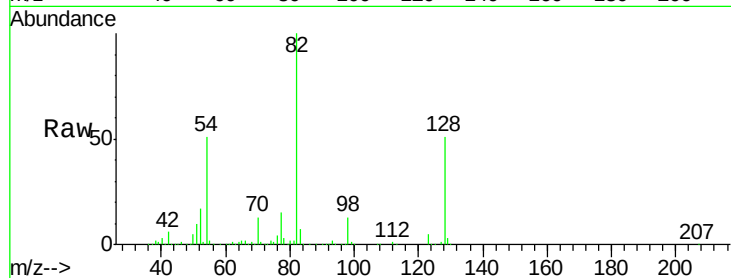
Time-->



#23
 Nitrobenzene-d5
 Concen: 83.56 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

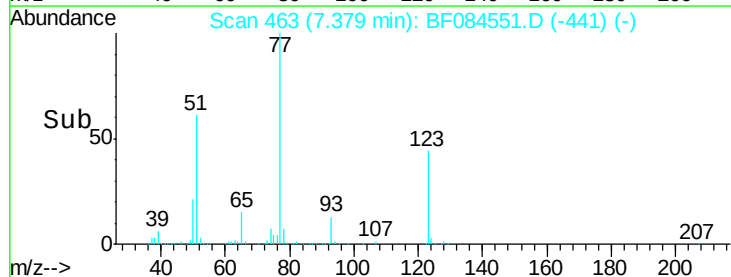
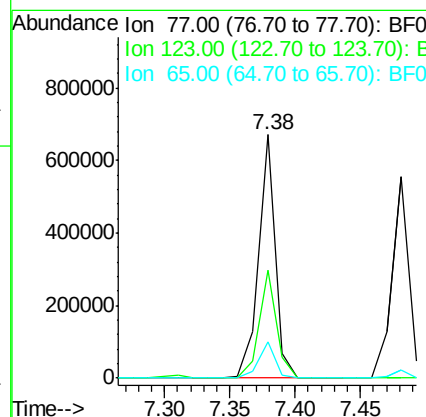
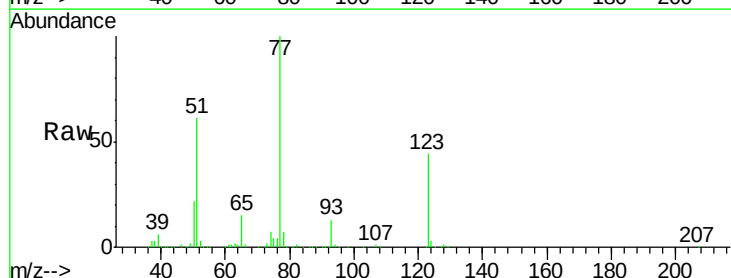
Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

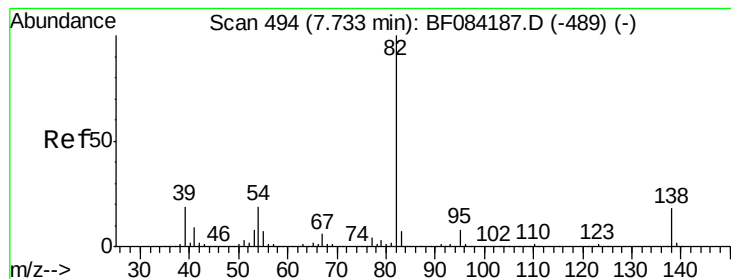
Tgt Ion: 82 Resp: 1279060
 Ion Ratio Lower Upper
 82 100
 128 50.6 34.6 51.8
 54 51.4 38.4 57.6



#24
 Nitrobenzene
 Concen: 38.61 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion: 77 Resp: 599388
 Ion Ratio Lower Upper
 77 100
 123 44.3 37.4 56.2
 65 14.8 10.9 16.3





#25

Isophorone

Concen: 39.09 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

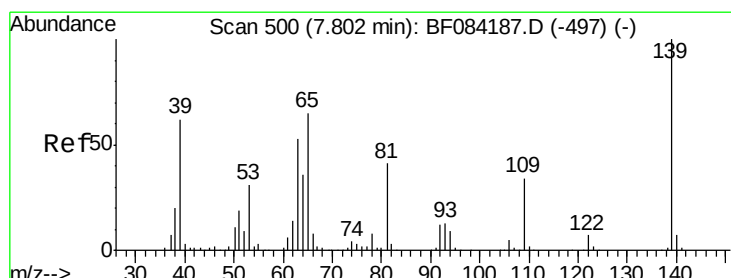
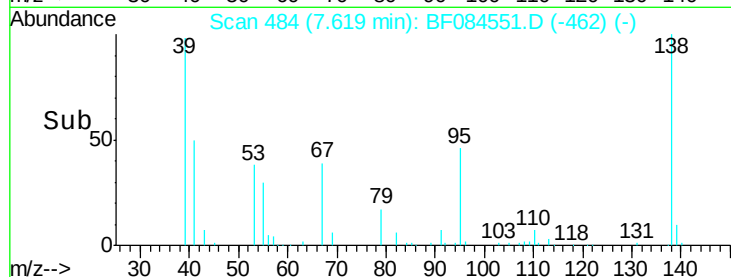
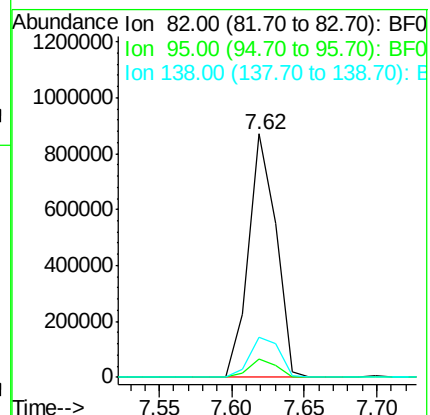
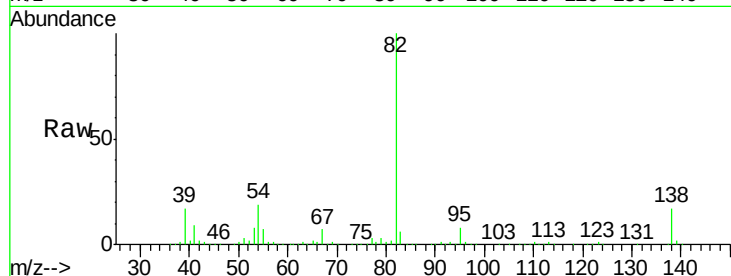
Tgt Ion: 82 Resp: 1144499

Ion Ratio Lower Upper

82 100

95 7.6 6.6 10.0

138 16.5 13.6 20.4



#26

2-Nitrophenol

Concen: 46.74 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

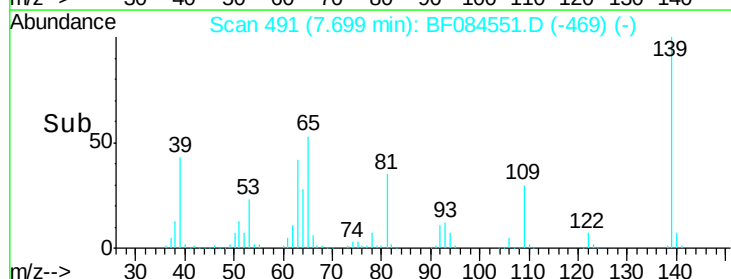
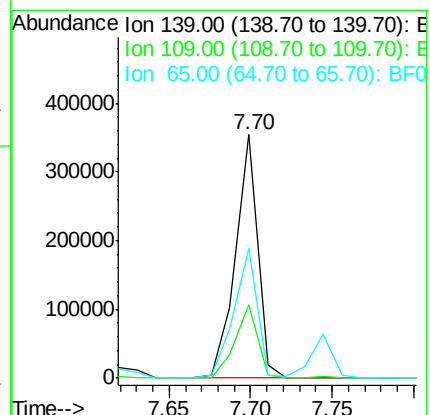
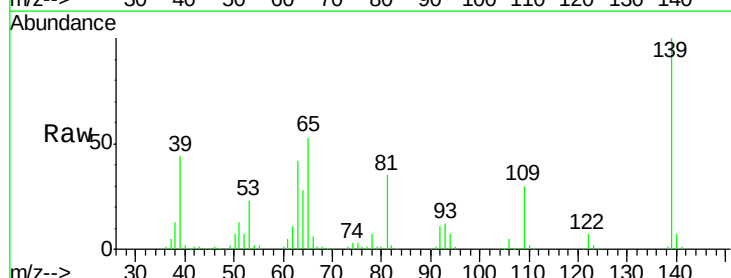
Tgt Ion: 139 Resp: 330259

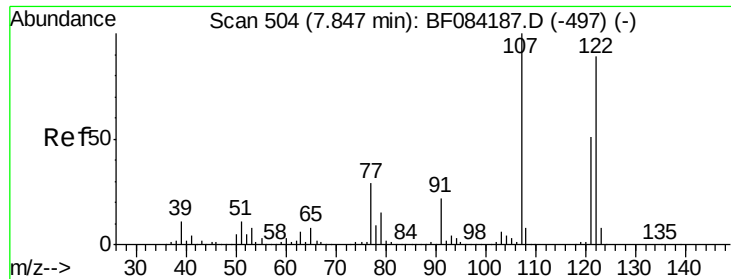
Ion Ratio Lower Upper

139 100

109 30.1 25.4 38.2

65 53.1 32.3 48.5#





#27

2,4-Dimethylphenol

Concen: 40.89 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

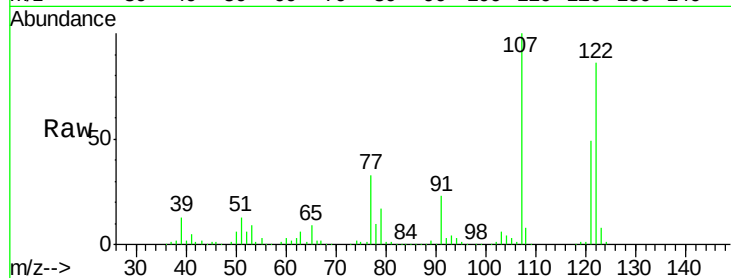
Tgt Ion:122 Resp: 584842

Ion Ratio Lower Upper

122 100

107 116.7 99.1 148.7

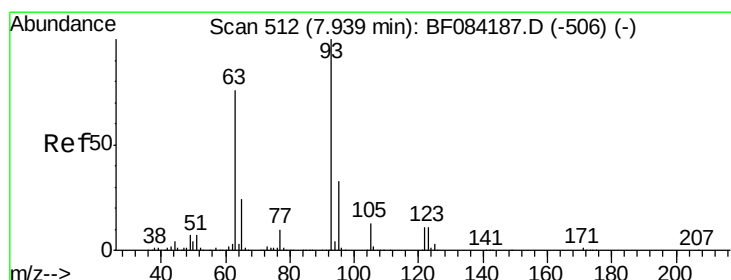
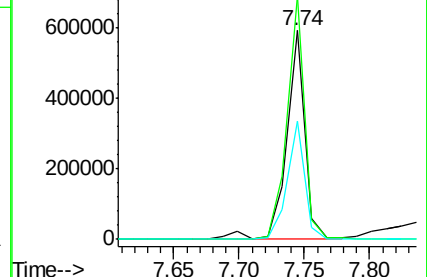
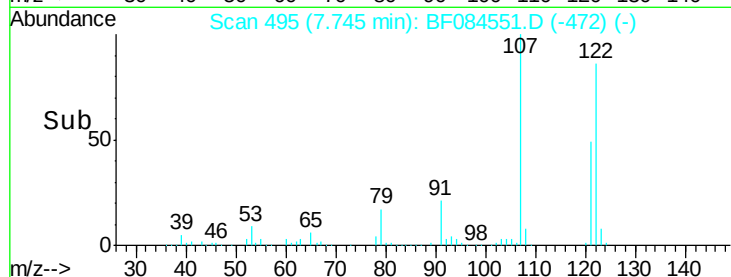
121 56.9 47.9 71.9



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: 40.61 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

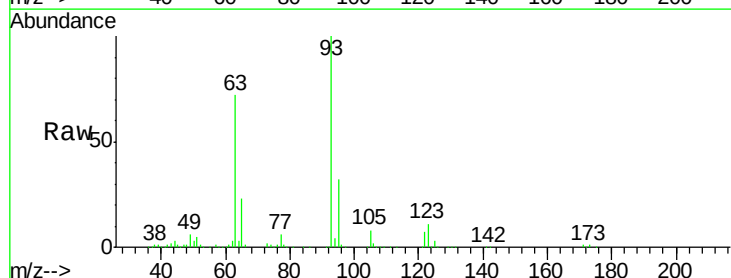
Tgt Ion: 93 Resp: 726183

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.6

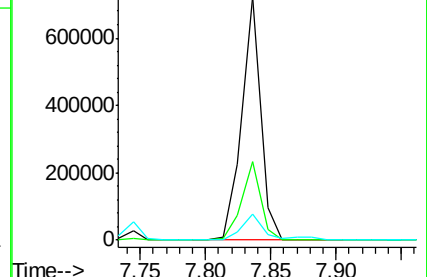
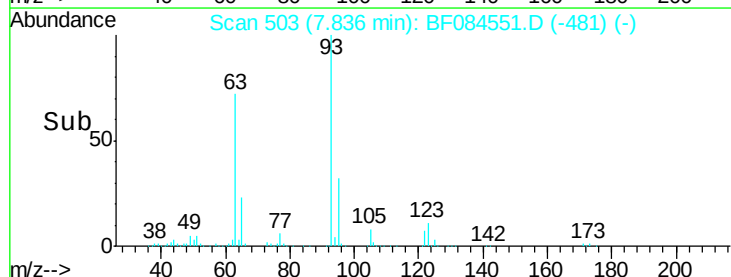
123 10.8 8.6 12.8

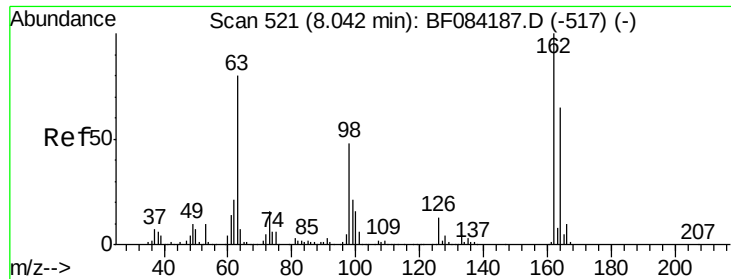


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.44 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

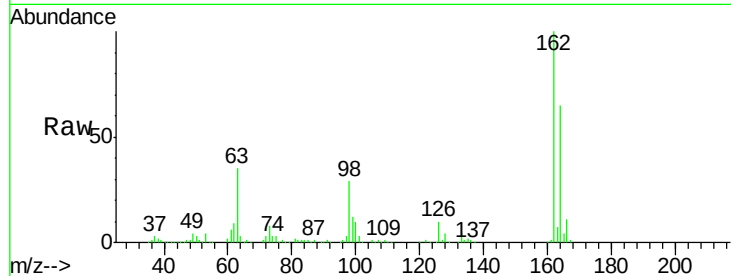
Tgt Ion:162 Resp: 505578

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

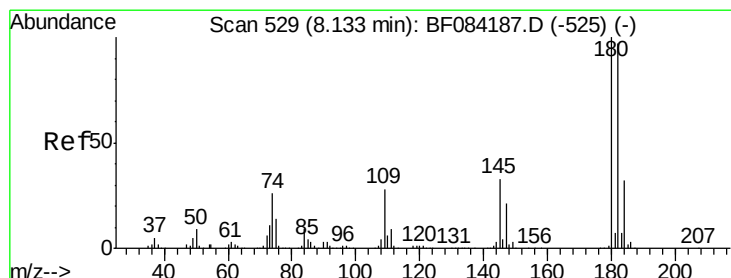
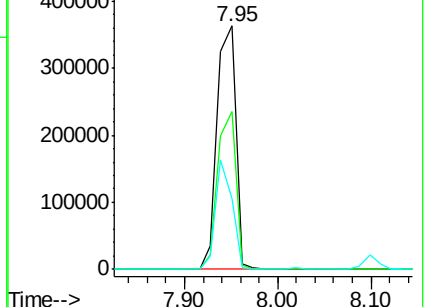
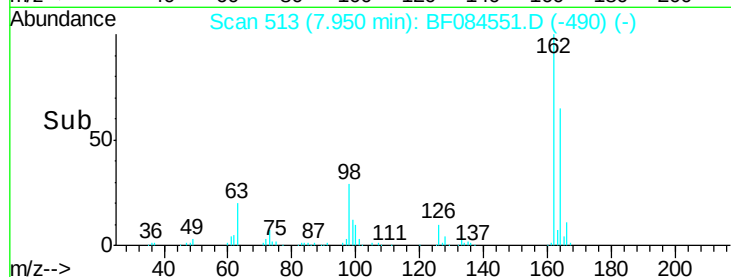
98 29.2 20.2 60.2



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: 42.20 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

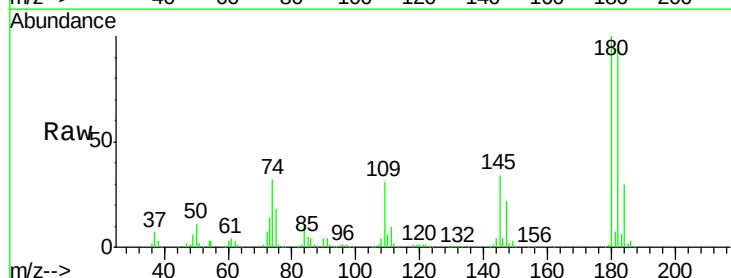
Tgt Ion:180 Resp: 518991

Ion Ratio Lower Upper

180 100

182 93.9 76.4 114.6

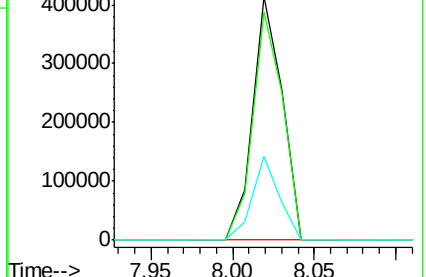
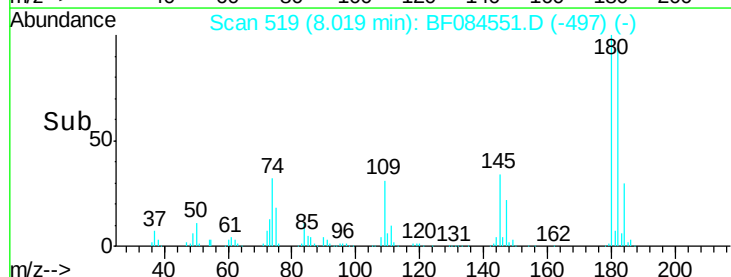
145 34.2 31.6 47.4

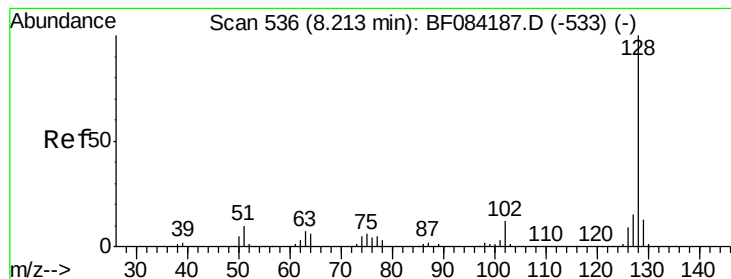


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.40 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

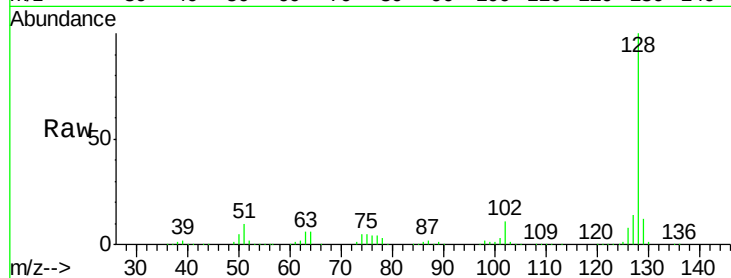
Tgt Ion:128 Resp: 1639072

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

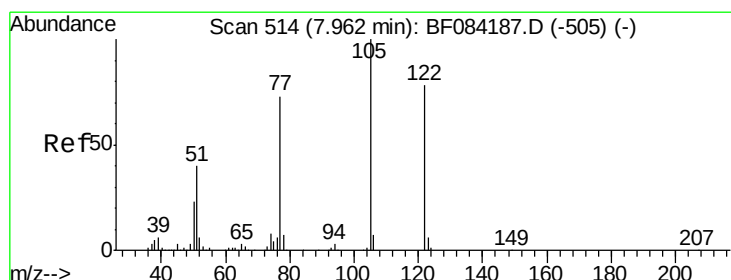
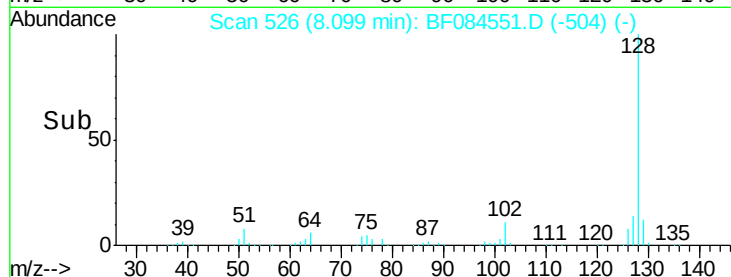
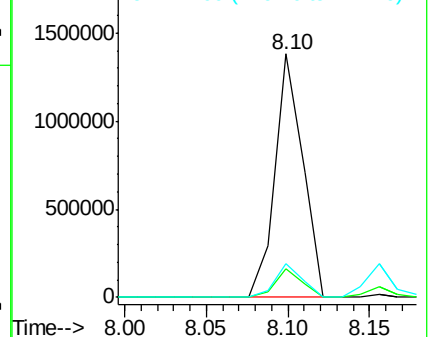
127 13.7 11.1 16.7



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: 41.30 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

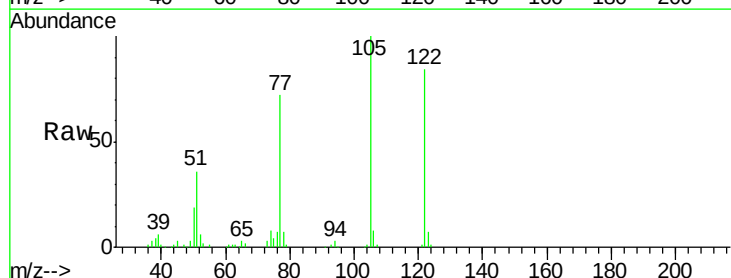
Tgt Ion:122 Resp: 370806

Ion Ratio Lower Upper

122 100

105 118.4 100.3 140.3

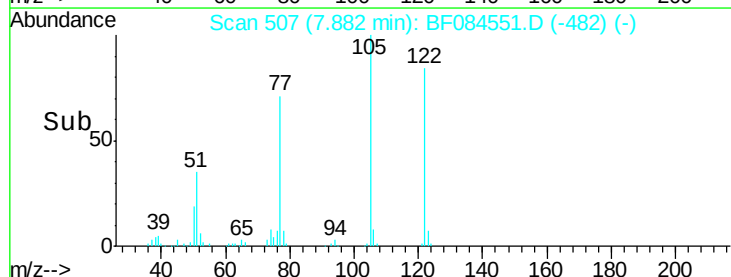
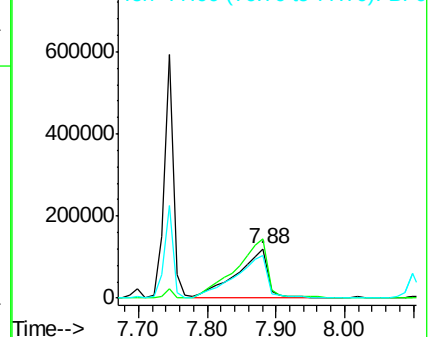
77 84.8 63.5 103.5

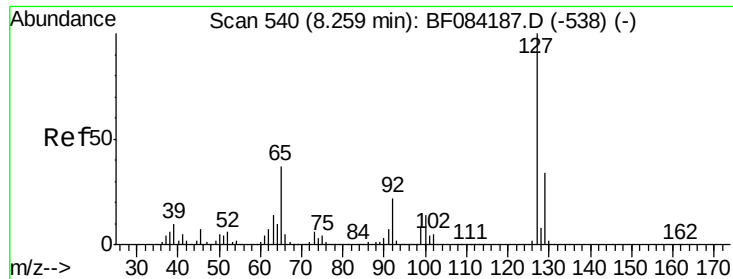


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

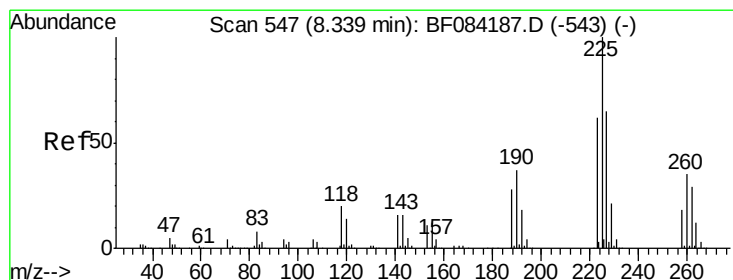
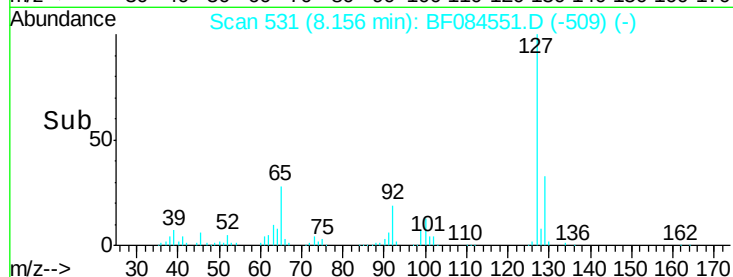
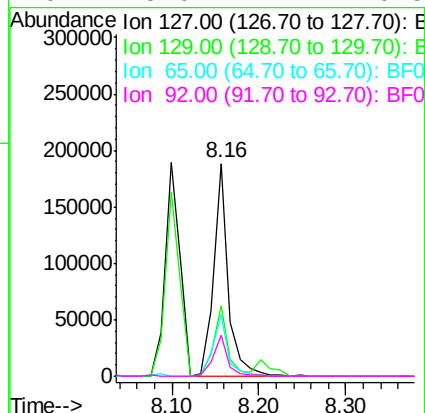
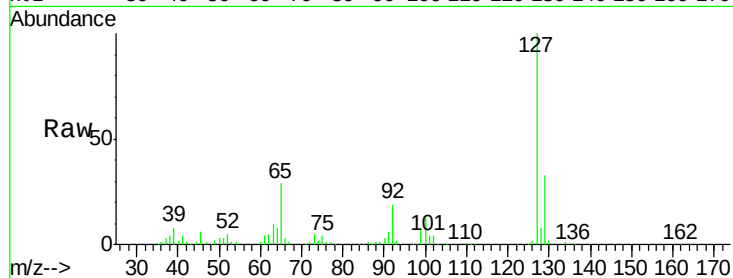




#33
4-Chloroaniline
Concen: 12.64 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

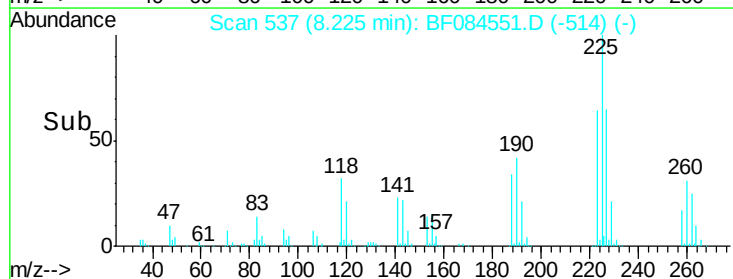
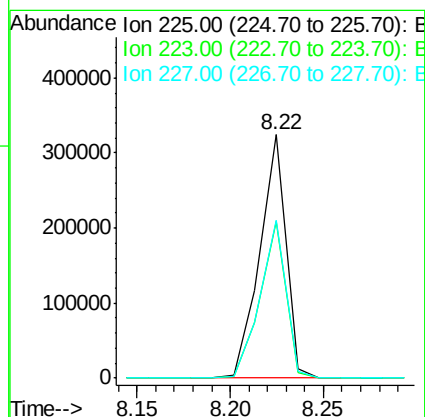
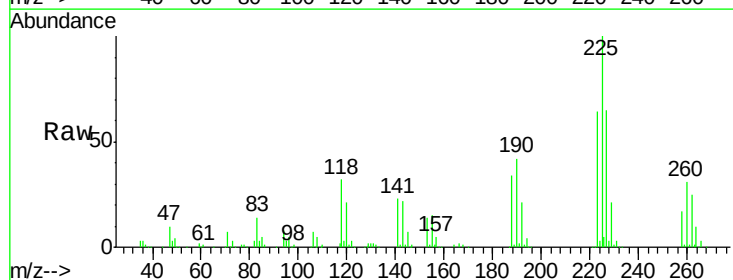
Instrument :
BNA_F
ClientSampleId :
PB87864BS

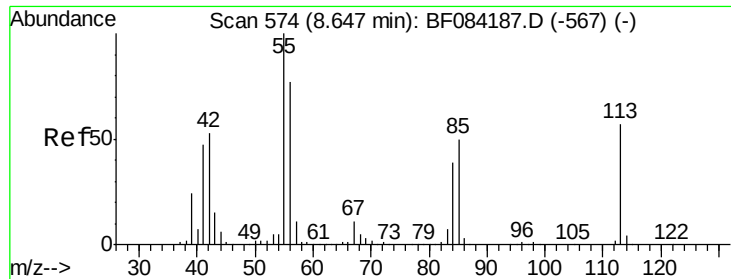
Tgt Ion:	127	Resp:	224006
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.5	39.7
65	28.6	27.2	40.8
92	19.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 44.40 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion:	225	Resp:	313894
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.4	74.0
227	64.6	50.8	76.2

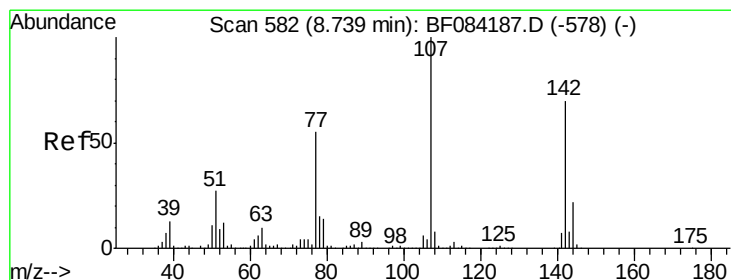
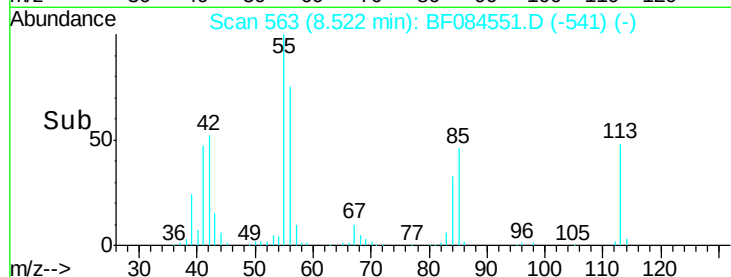
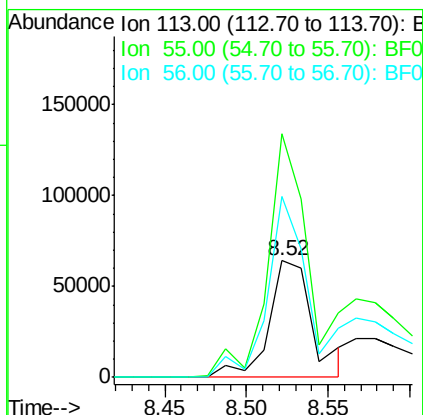
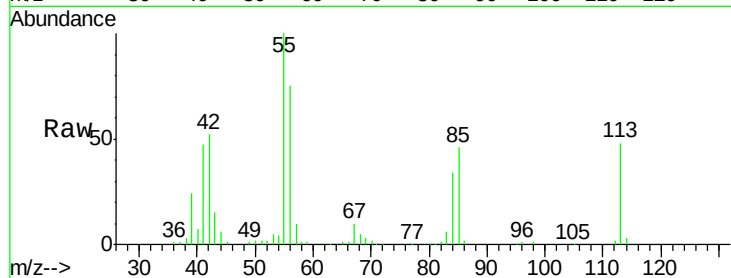




#35
 Caprolactam
 Concen: 29.84 ng
 RT: 8.52 min Scan# 563
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

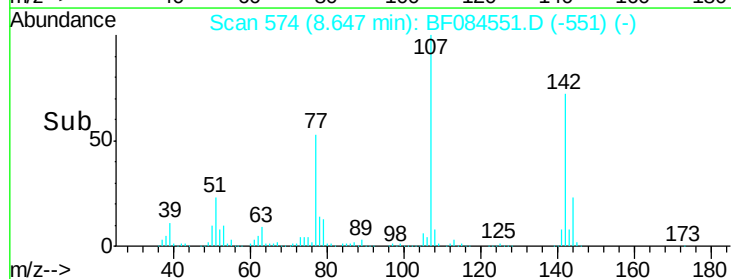
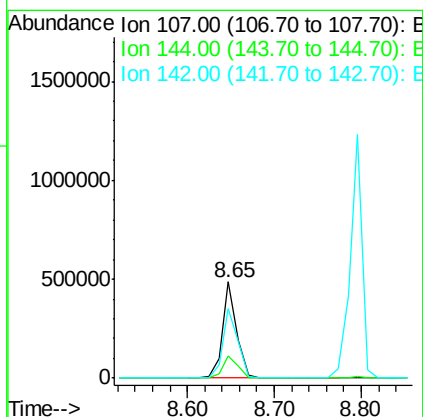
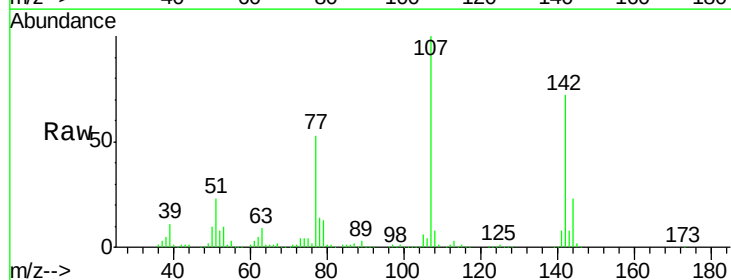
Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

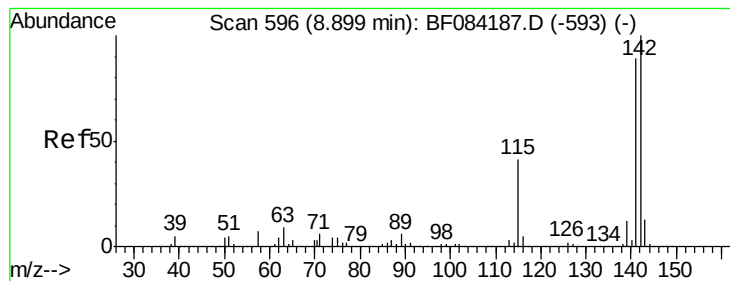
Tgt Ion:113 Resp: 119864
 Ion Ratio Lower Upper
 113 100
 55 209.3 116.9 156.9#
 56 156.0 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 41.70 ng
 RT: 8.65 min Scan# 574
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:107 Resp: 556511
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.7 29.5
 142 72.1 61.8 92.6





#37

2-Methylnaphthalene

Concen: 42.91 ng

RT: 8.80 min Scan# 587

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

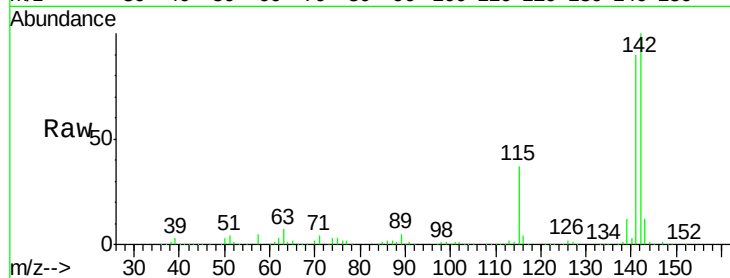
Tgt Ion:142 Resp: 1190574

Ion Ratio Lower Upper

142 100

141 89.7 72.4 108.6

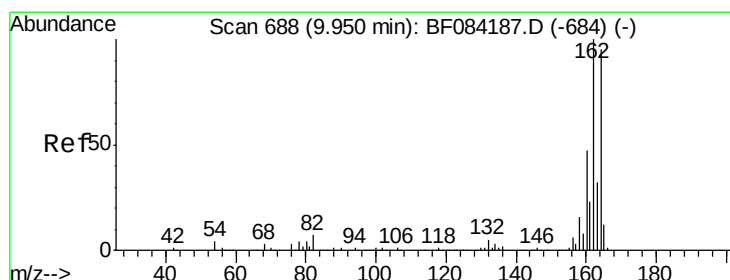
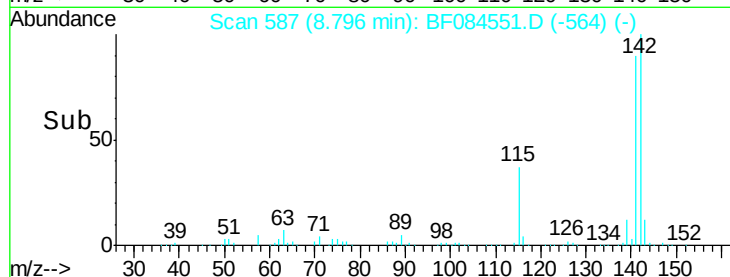
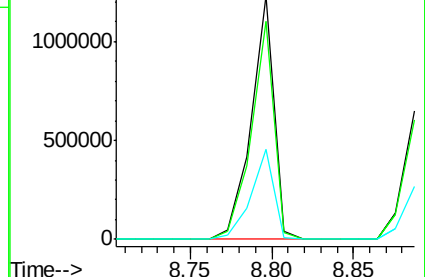
115 36.9 27.9 41.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

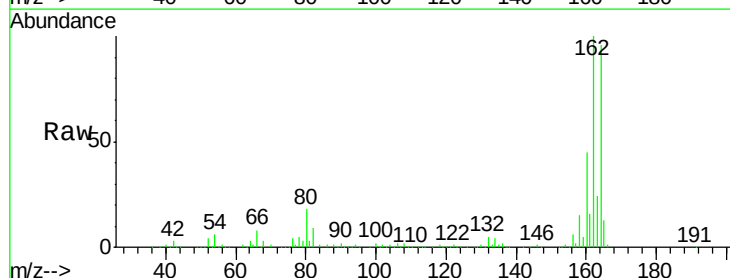
Tgt Ion:164 Resp: 424941

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

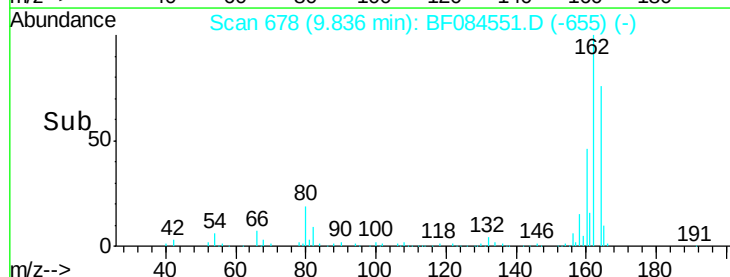
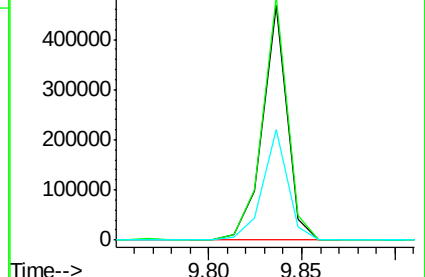
160 46.9 37.5 56.3

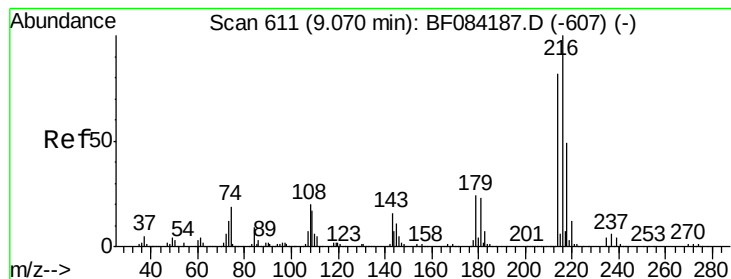


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.49 ng

RT: 8.97 min Scan# 602

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

Tgt Ion:216 Resp: 470193

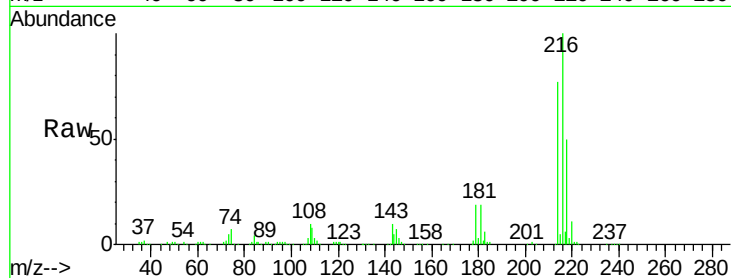
Ion Ratio Lower Upper

216 100

214 79.0 64.2 96.2

179 22.7 18.7 28.1

108 21.9 16.8 25.2

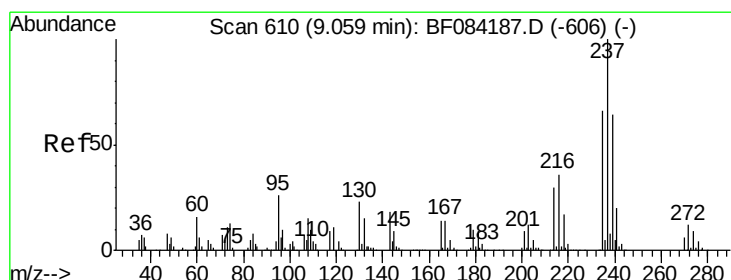
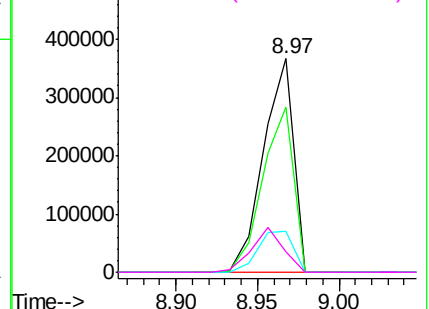
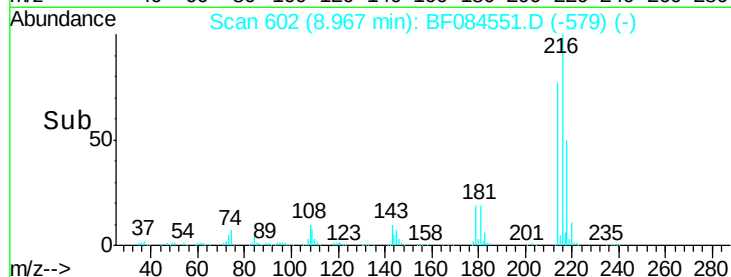


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.56 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

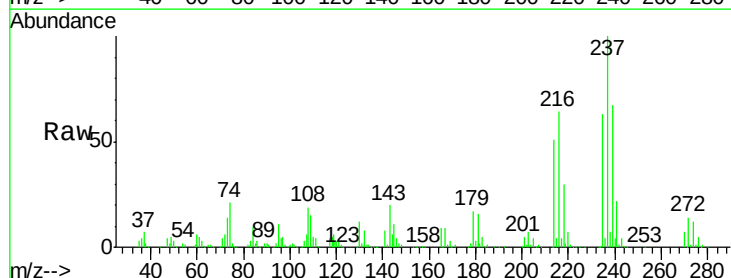
Tgt Ion:237 Resp: 549889

Ion Ratio Lower Upper

237 100

235 63.1 43.1 83.1

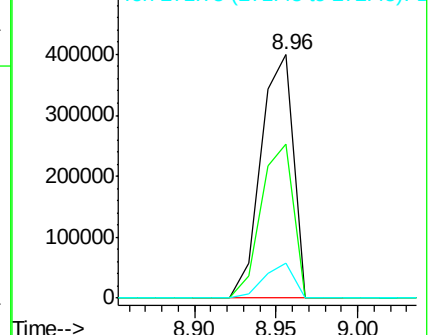
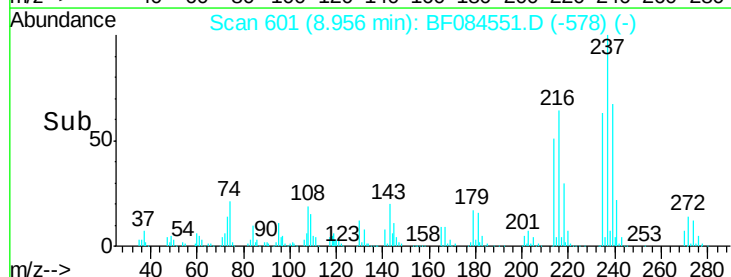
272 14.4 0.0 35.1

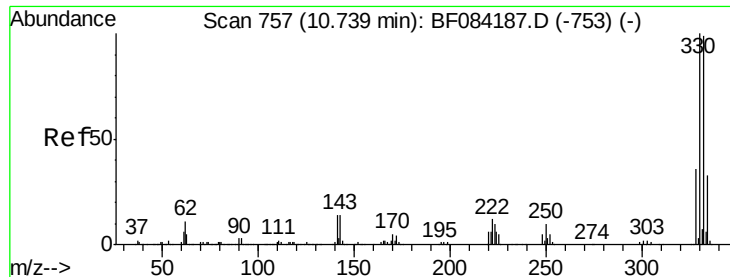


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

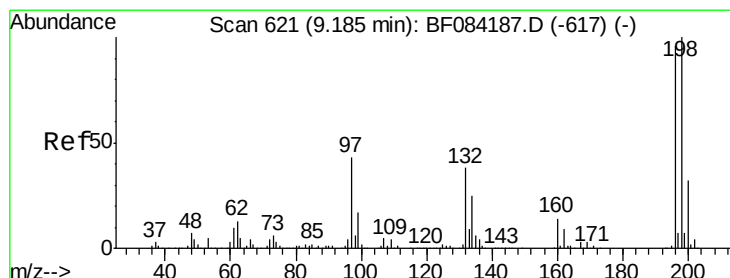
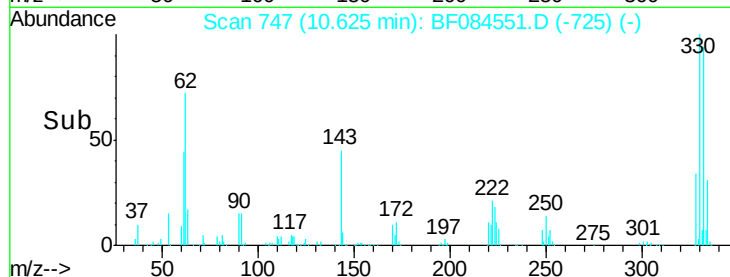
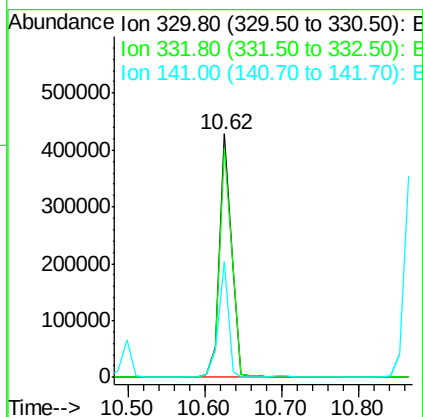
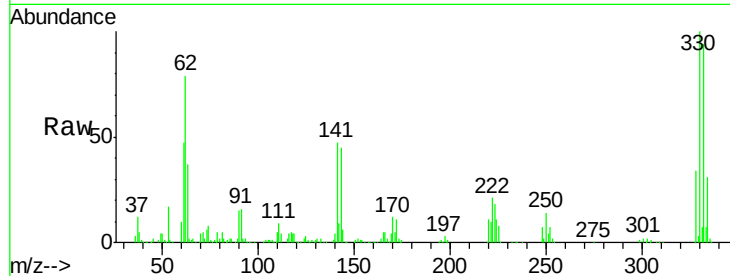




#41
 2,4,6-Tribromophenol
 Concen: 110.92 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

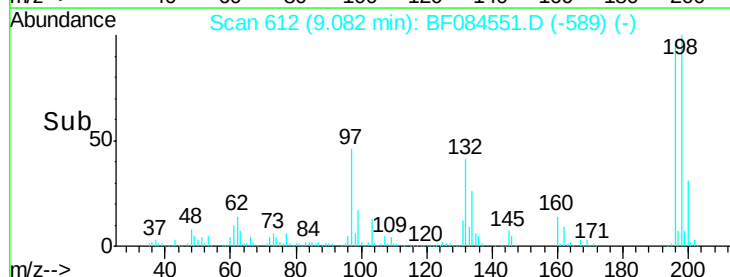
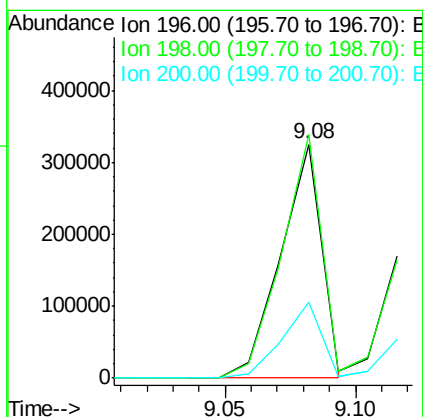
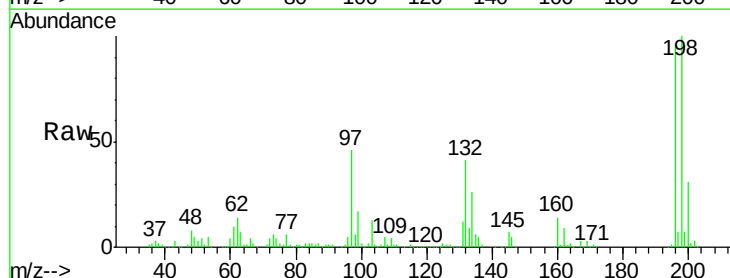
Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

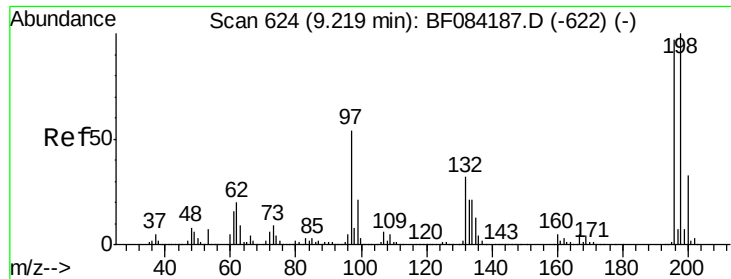
Tgt Ion:330 Resp: 475842
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 114.8
 141 38.9 27.8 41.6



#42
 2,4,6-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:196 Resp: 352153
 Ion Ratio Lower Upper
 196 100
 198 104.2 77.7 116.5
 200 32.6 24.6 37.0

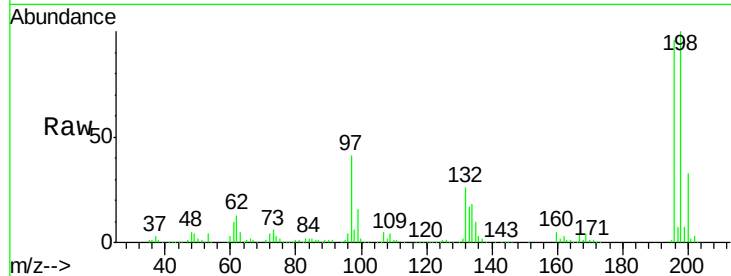




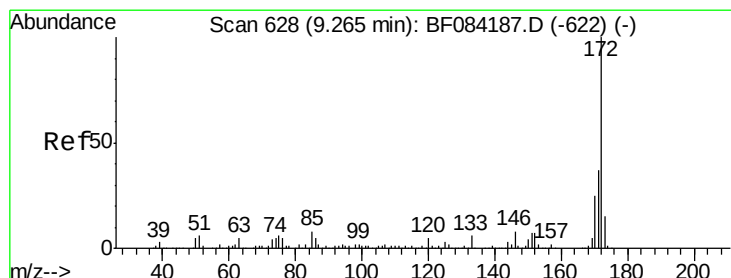
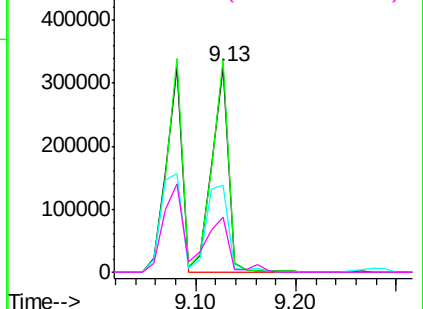
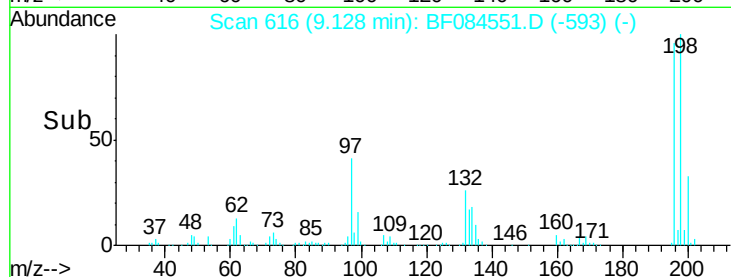
#43
 2,4,5-Trichlorophenol
 Concen: 42.76 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

Tgt Ion:196 Resp: 374644
 Ion Ratio Lower Upper
 196 100
 198 103.7 79.0 118.6
 97 42.2 33.0 49.6
 132 26.9 21.1 31.7

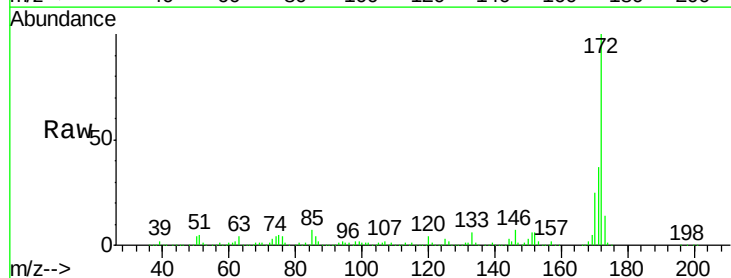


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

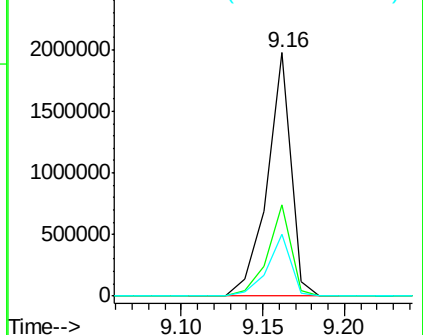
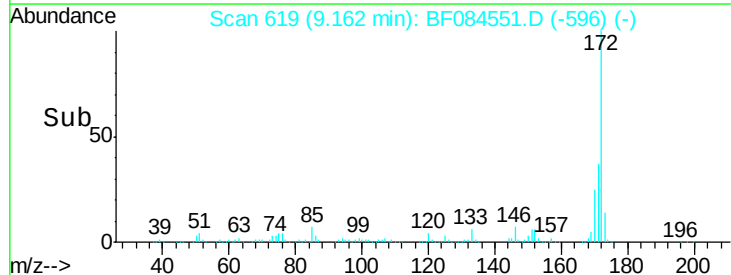


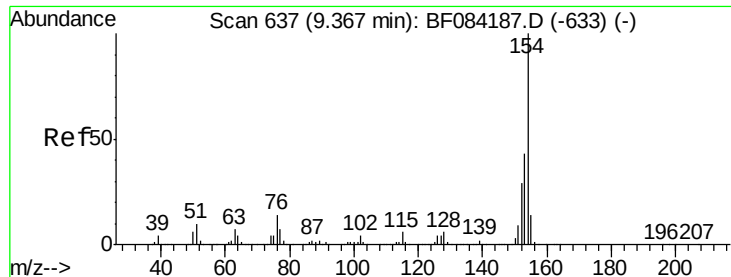
#44
 2-Fluorobiphenyl
 Concen: 82.94 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:172 Resp: 2007111
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.9 43.3
 170 25.4 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

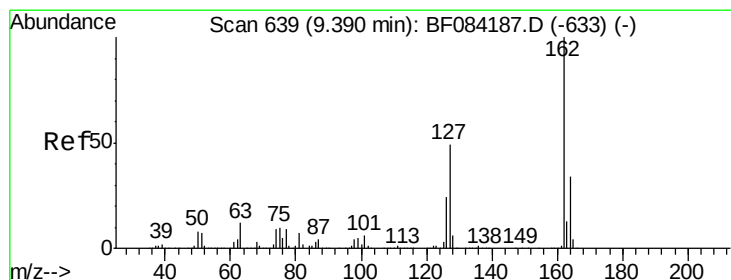
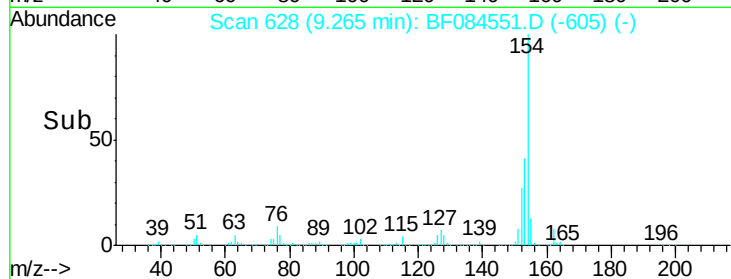
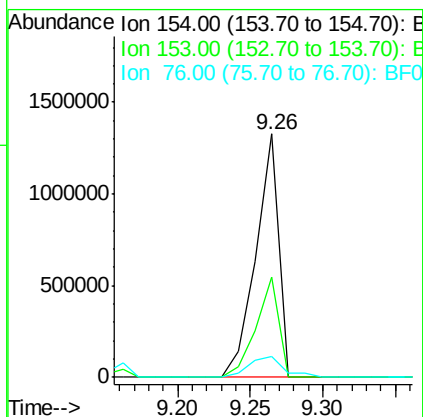
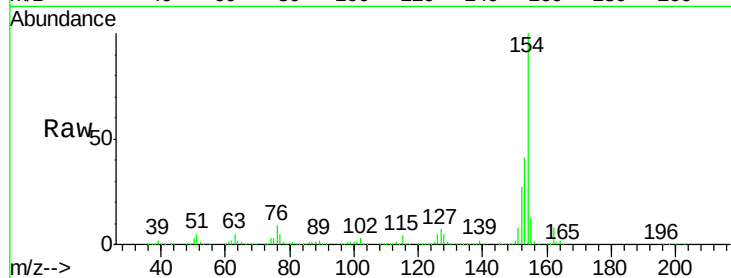




#45
 1,1'-Biphenyl
 Concen: 42.84 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

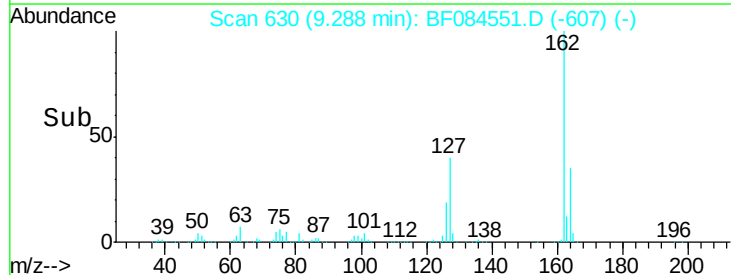
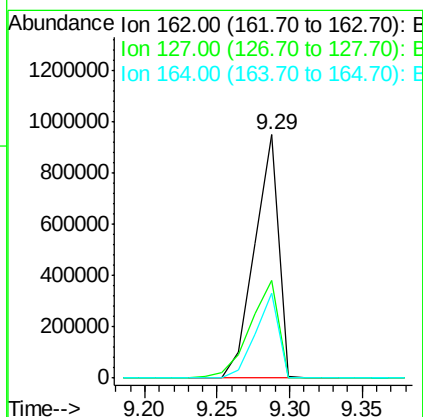
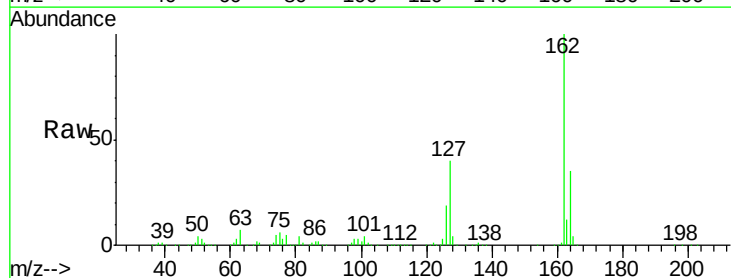
Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

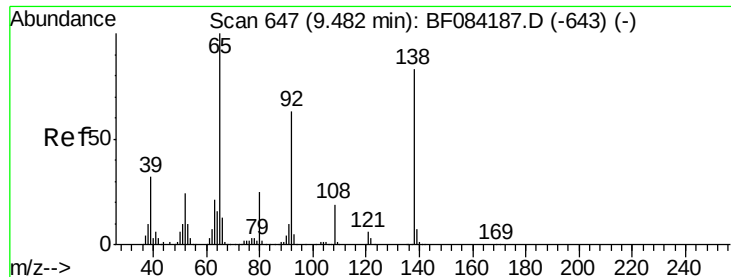
Tgt Ion:154 Resp: 1446700
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.6 61.6
 76 8.7 0.0 32.7



#46
 2-Chloronaphthalene
 Concen: 40.95 ng
 RT: 9.29 min Scan# 630
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:162 Resp: 1086336
 Ion Ratio Lower Upper
 162 100
 127 40.1 40.2 60.4#
 164 34.6 25.7 38.5





#47

2-Nitroaniline

Concen: 36.80 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

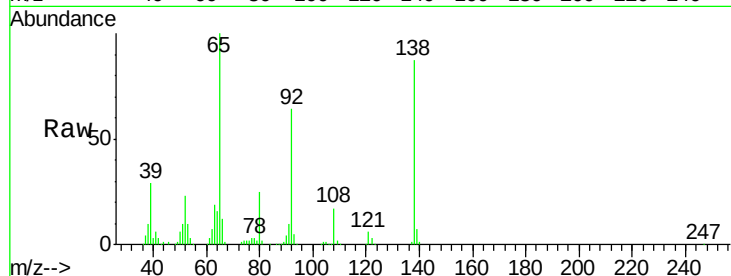
Tgt Ion: 65 Resp: 322233

Ion Ratio Lower Upper

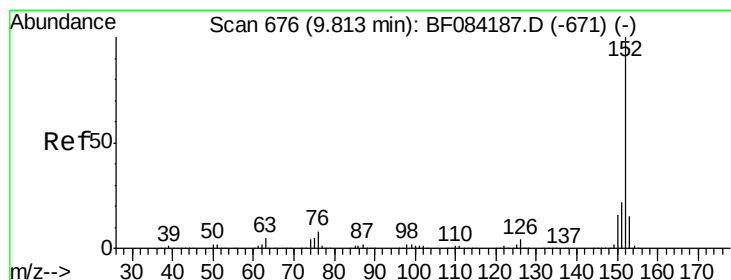
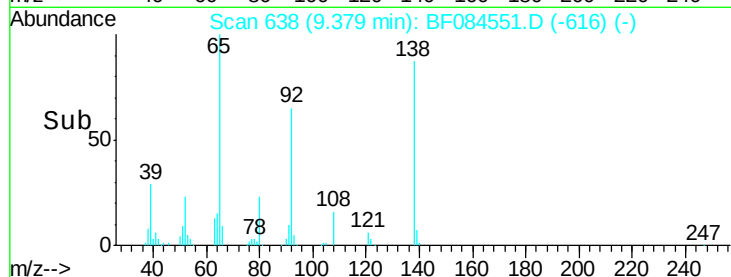
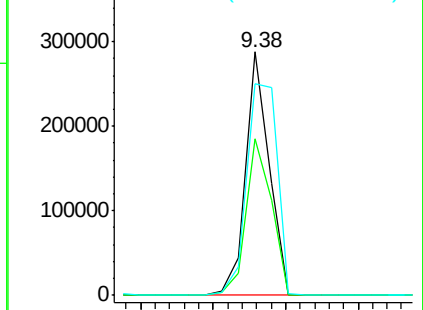
65 100

92 64.4 53.4 80.2

138 86.8 71.1 106.7



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



#48

Acenaphthylene

Concen: 41.07 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

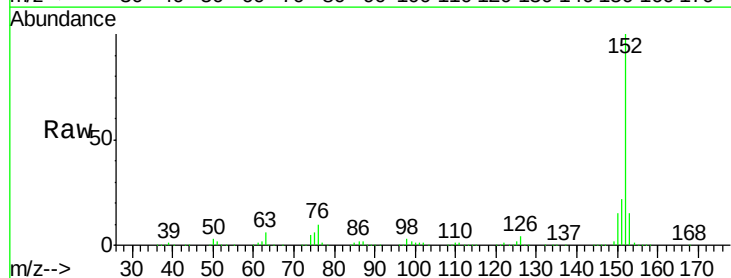
Tgt Ion: 152 Resp: 1609461

Ion Ratio Lower Upper

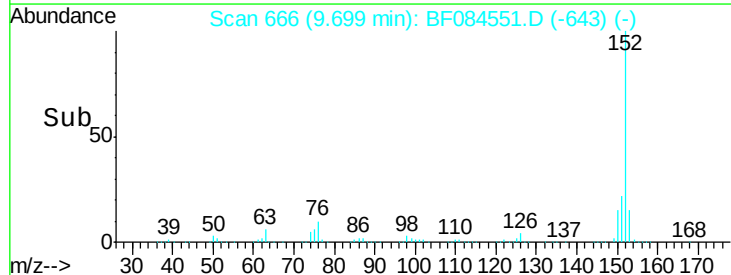
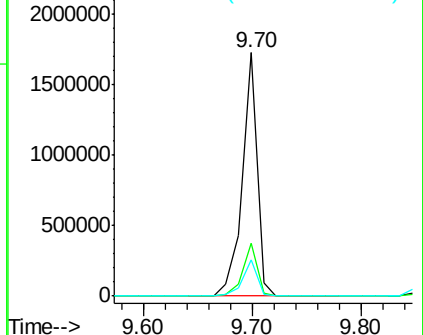
152 100

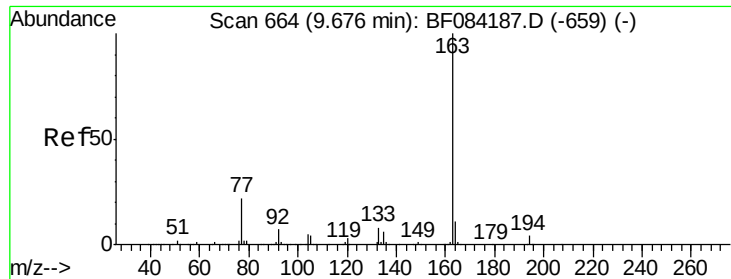
151 21.5 16.3 24.5

153 14.8 10.4 15.6



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





#49

Dimethylphthalate

Concen: 42.74 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

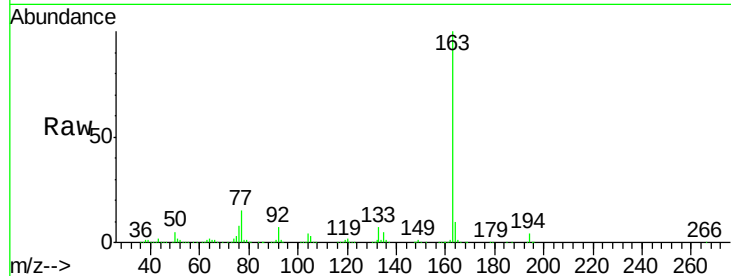
Tgt Ion:163 Resp: 1298363

Ion Ratio Lower Upper

163 100

194 3.7 8.0 12.0#

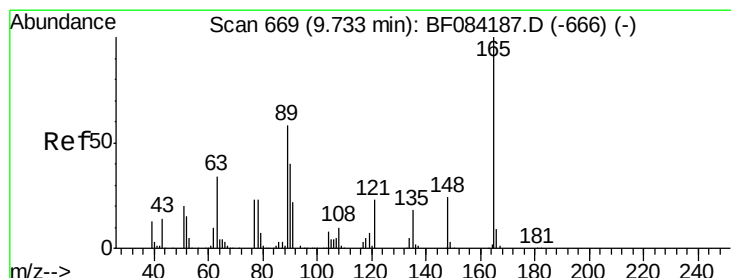
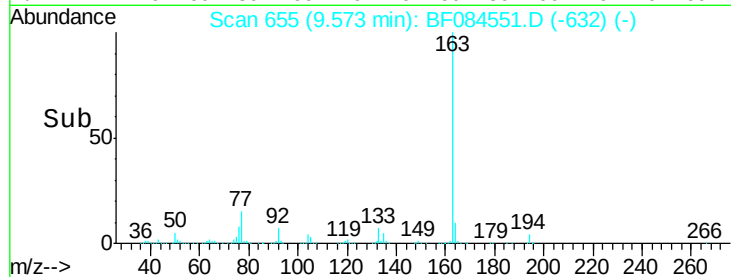
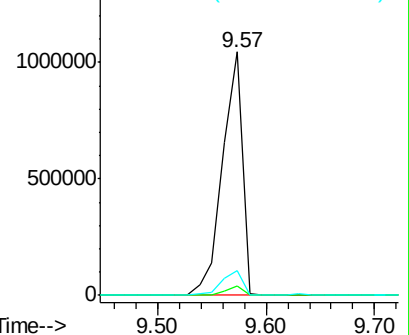
164 9.9 8.0 12.0



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: 46.24 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

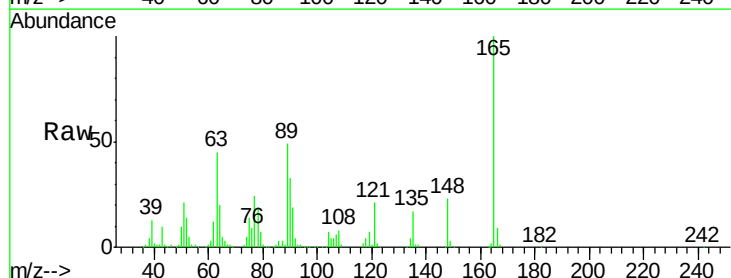
Tgt Ion:165 Resp: 308074

Ion Ratio Lower Upper

165 100

63 44.5 28.8 43.2#

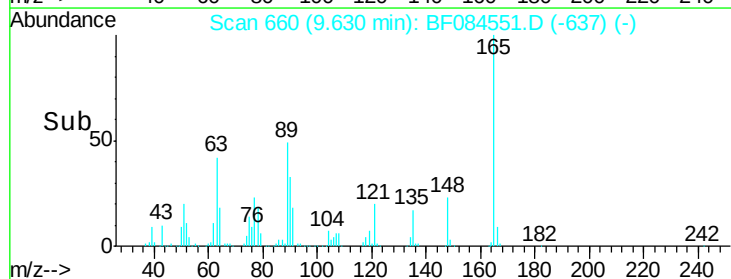
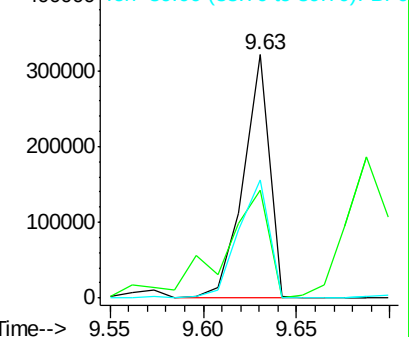
89 48.7 35.1 52.7

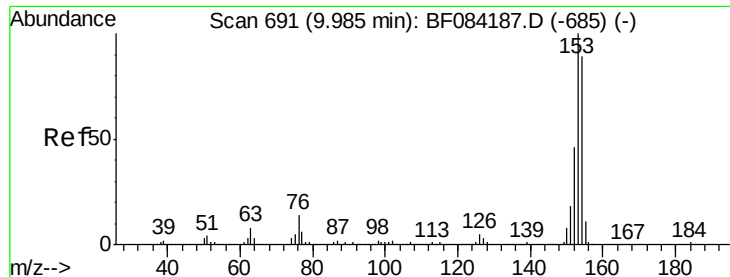


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.14 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

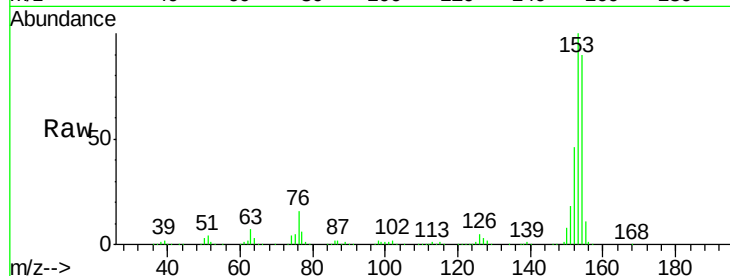
Tgt Ion:154 Resp: 1081500

Ion Ratio Lower Upper

154 100

153 111.3 91.5 137.3

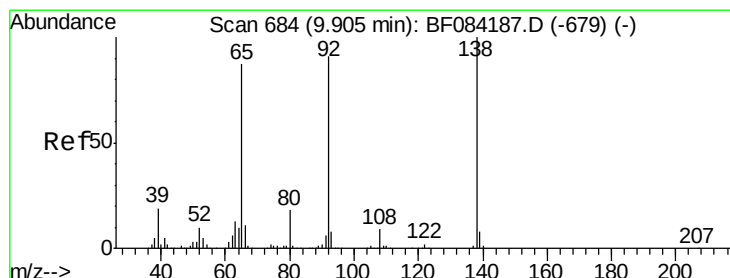
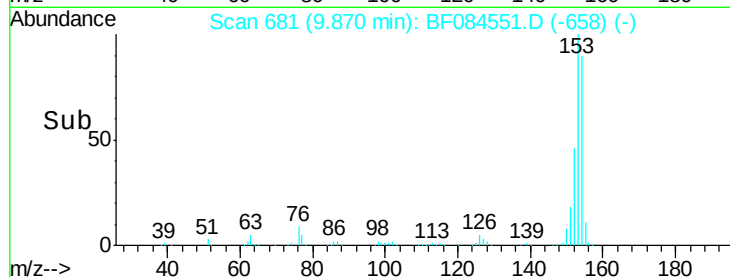
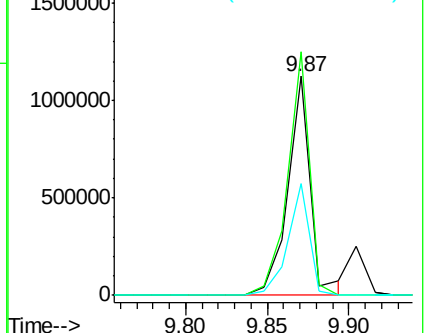
152 51.3 43.0 64.6



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: 16.85 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

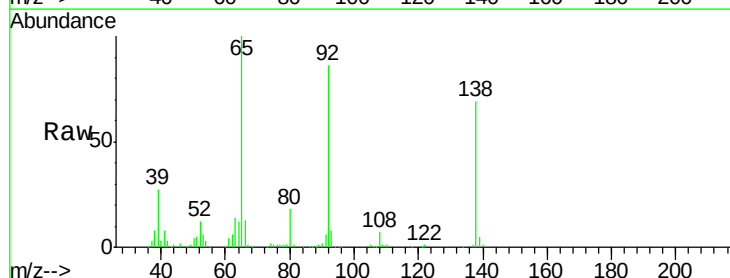
Tgt Ion:138 Resp: 139098

Ion Ratio Lower Upper

138 100

108 10.3 10.5 15.7#

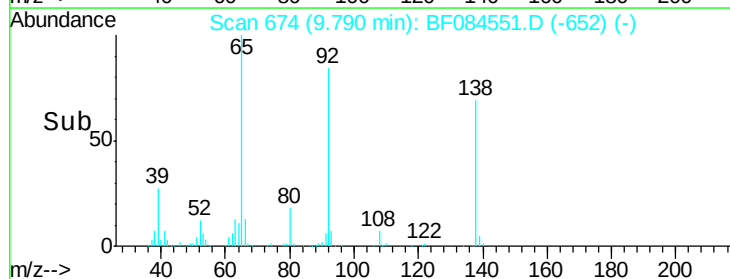
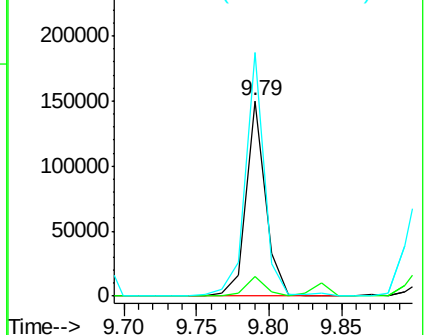
92 124.9 103.9 155.9

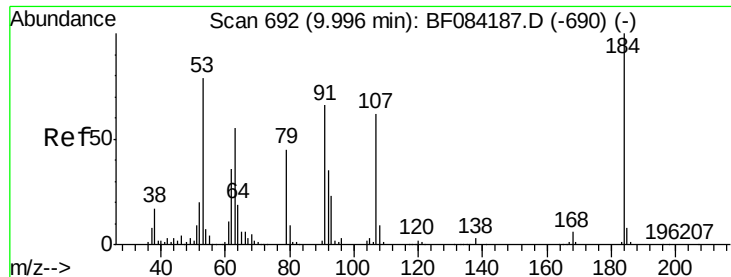


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

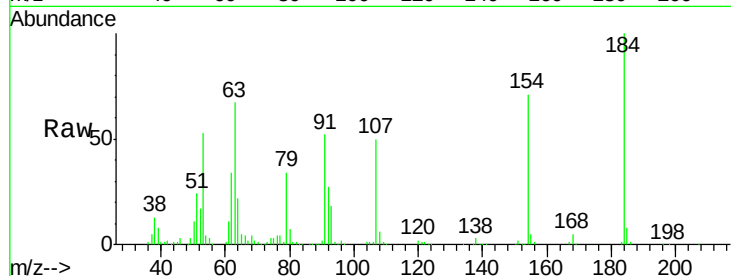




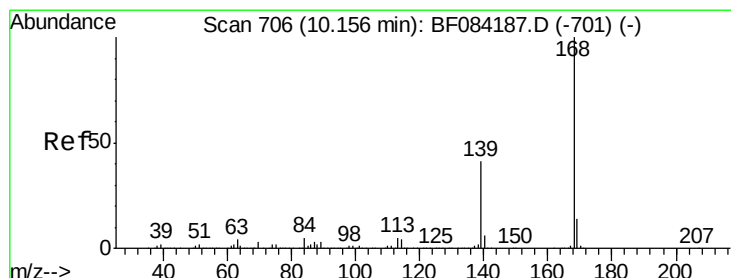
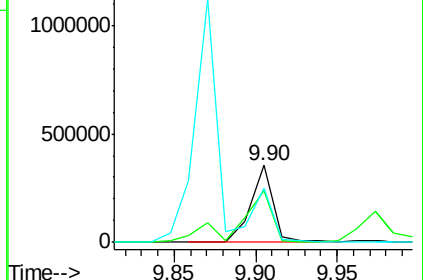
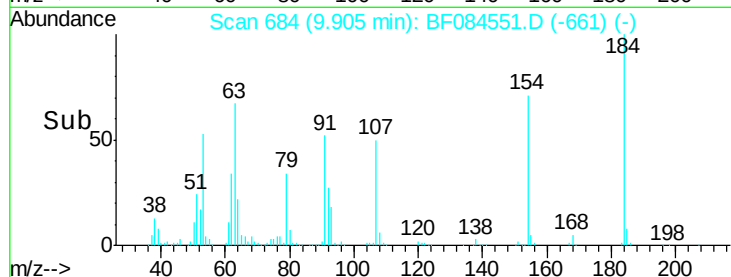
#53
2,4-Dinitrophenol
Concen: 116.91 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Instrument :
BNA_F
ClientSampleId :
PB87864BS

Tgt Ion:184 Resp: 336697
Ion Ratio Lower Upper
184 100
63 67.5 43.1 64.7#
154 70.8 60.5 90.7

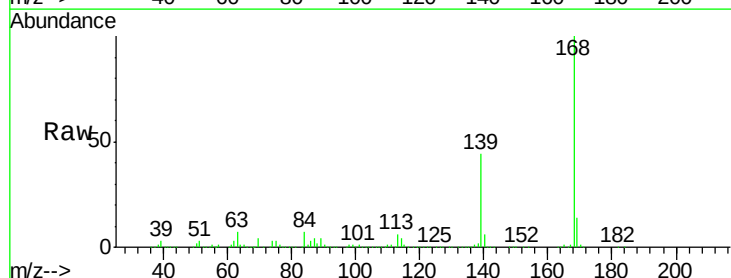


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

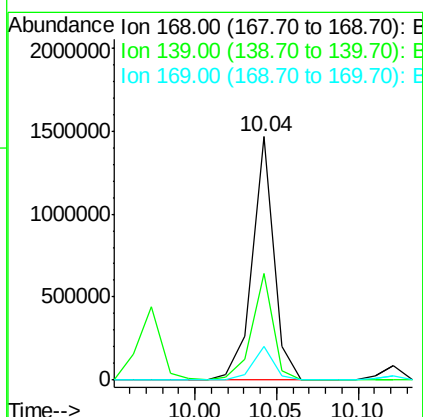
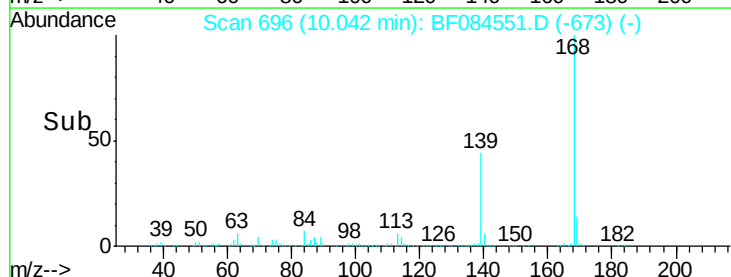


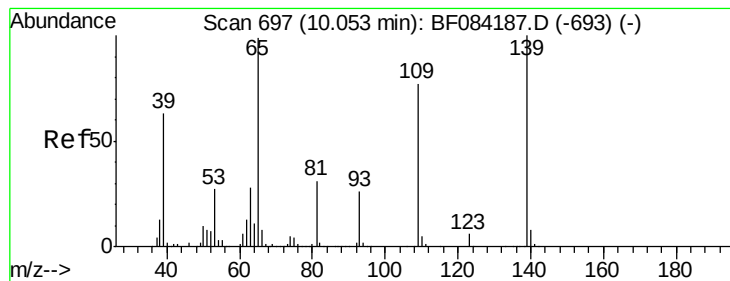
#54
Dibenzofuran
Concen: 39.42 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion:168 Resp: 1354622
Ion Ratio Lower Upper
168 100
139 43.9 30.5 45.7
169 13.9 10.4 15.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 75.31 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

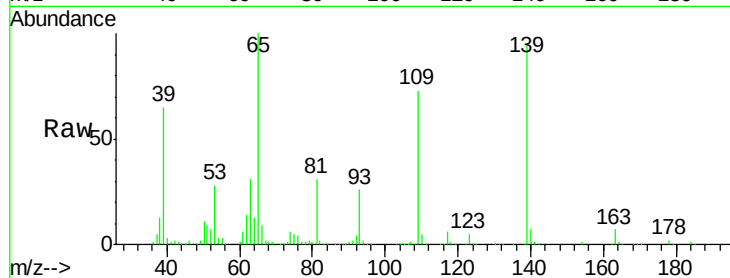
Tgt Ion:139 Resp: 451352

Ion Ratio Lower Upper

139 100

109 76.3 58.5 98.5

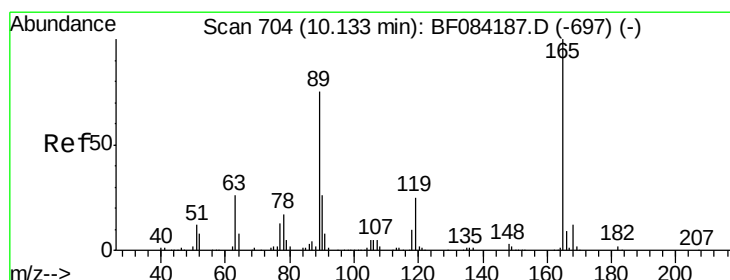
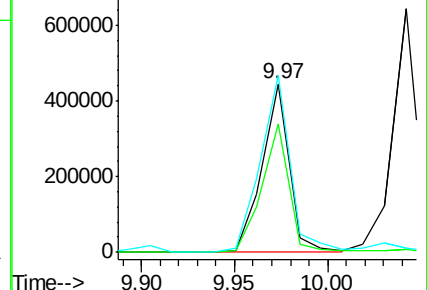
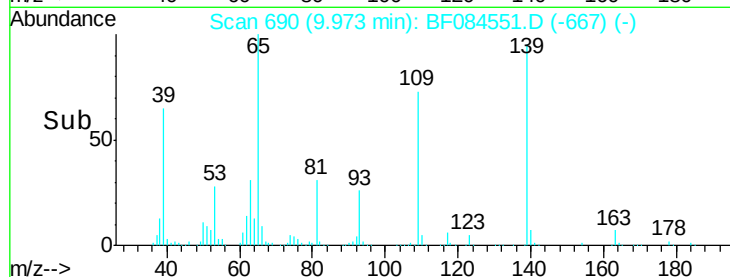
65 105.1 57.6 97.6#



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: 42.67 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Tgt Ion:165 Resp: 359793

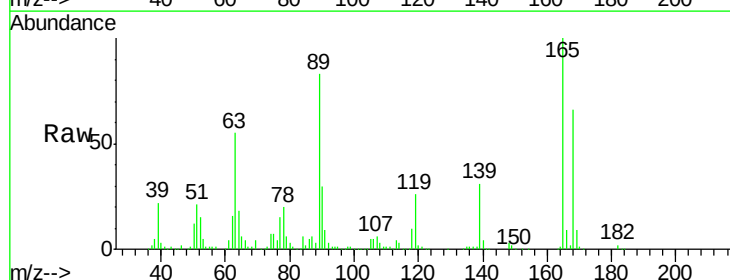
Ion Ratio Lower Upper

165 100

63 55.1 36.7 55.1#

89 82.7 61.9 92.9

182 2.1 2.0 3.0

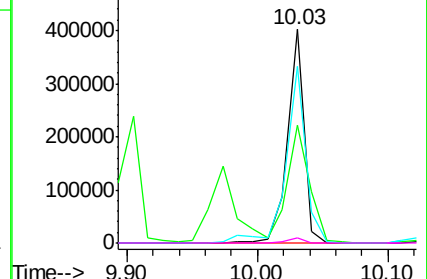
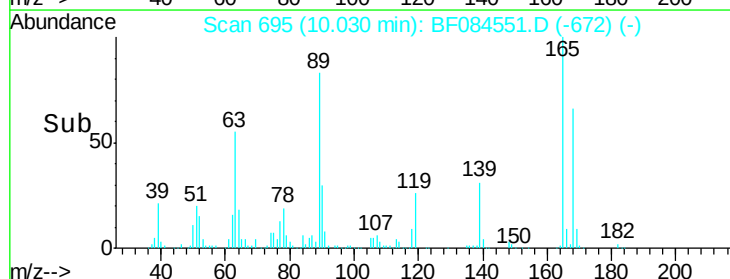


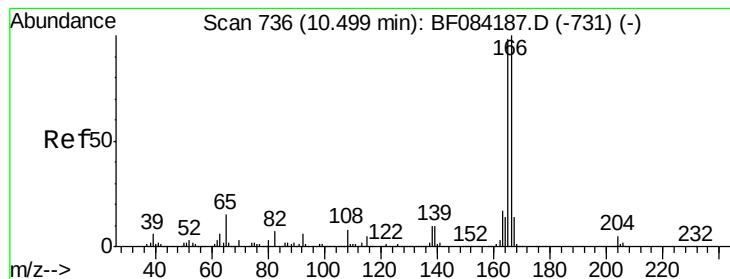
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.96 ng

RT: 10.38 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

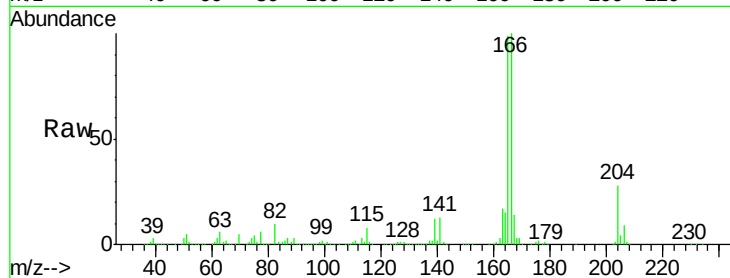
Tgt Ion:166 Resp: 1108981

Ion Ratio Lower Upper

166 100

165 98.9 79.1 118.7

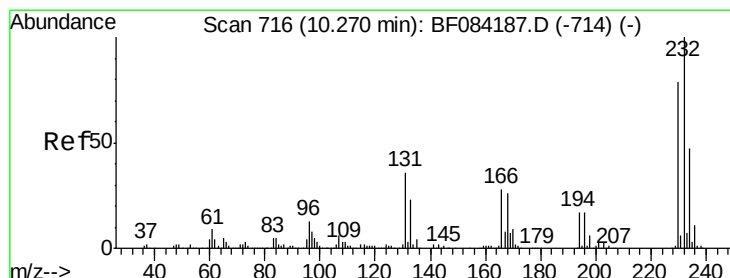
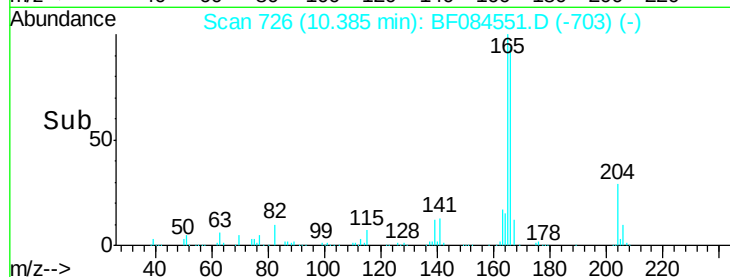
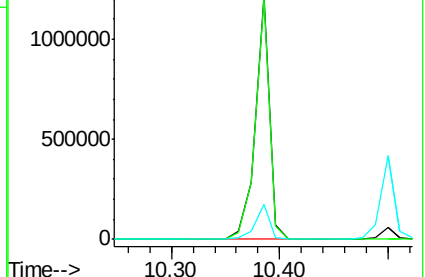
167 14.2 10.4 15.6



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: 41.11 ng

RT: 10.17 min Scan# 707

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Tgt Ion:232 Resp: 307531

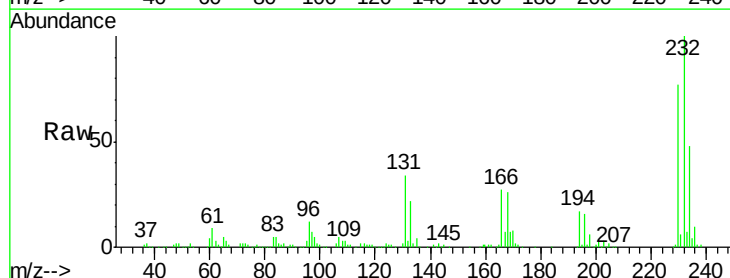
Ion Ratio Lower Upper

232 100

131 48.3 47.0 70.6

130 2.3 2.0 3.0

166 31.8 30.5 45.7

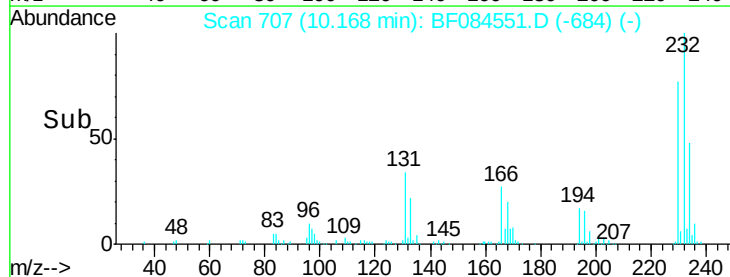
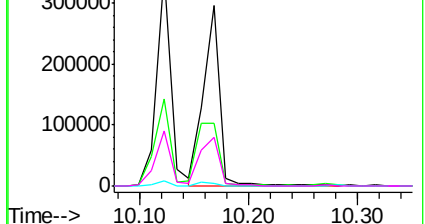


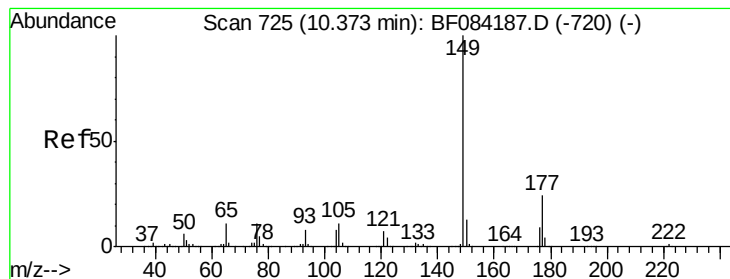
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.54 ng

RT: 10.27 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

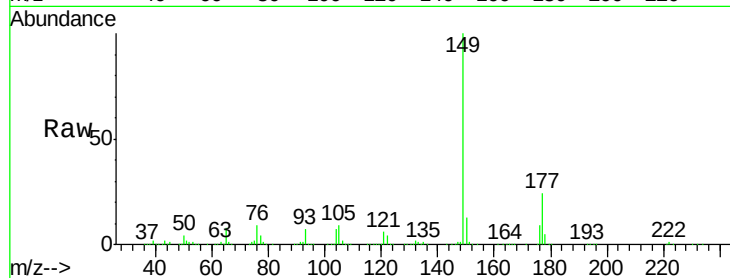
Tgt Ion:149 Resp: 1304221

Ion Ratio Lower Upper

149 100

177 23.5 17.3 25.9

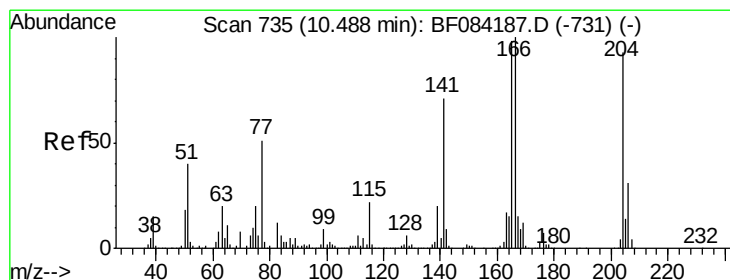
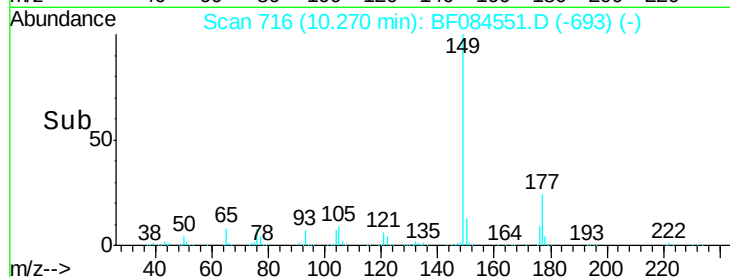
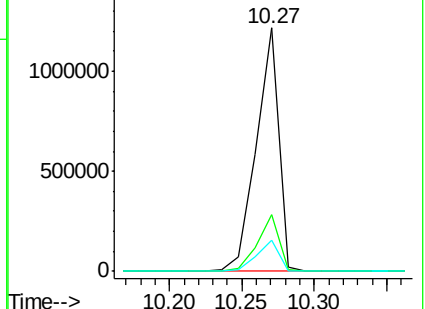
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.39 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

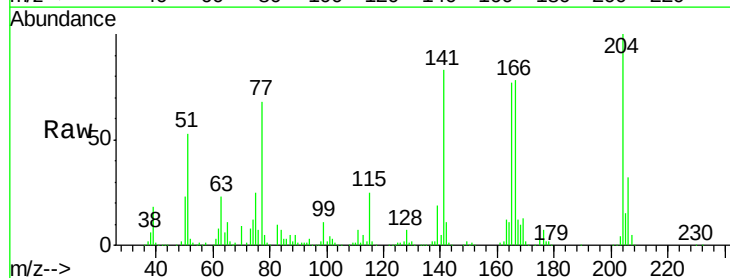
Tgt Ion:204 Resp: 503515

Ion Ratio Lower Upper

204 100

206 32.3 25.7 38.5

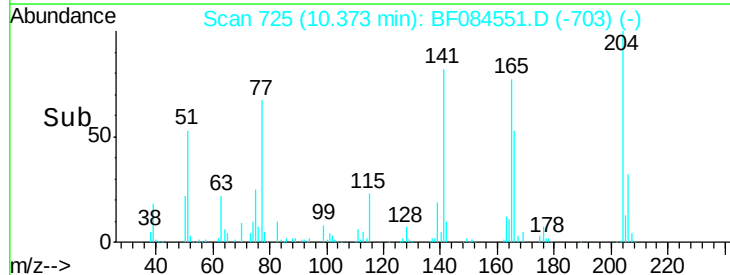
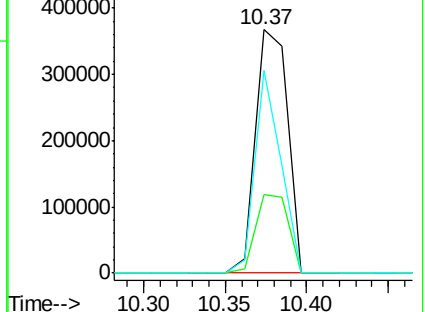
141 83.4 55.1 82.7#

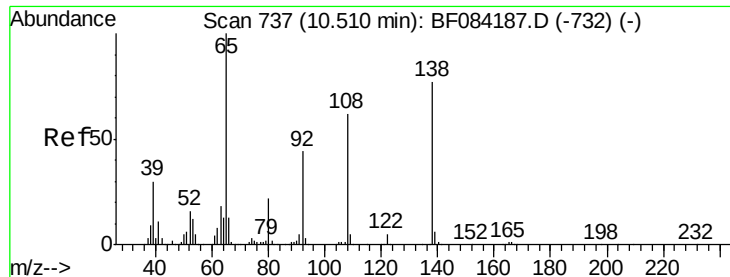


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

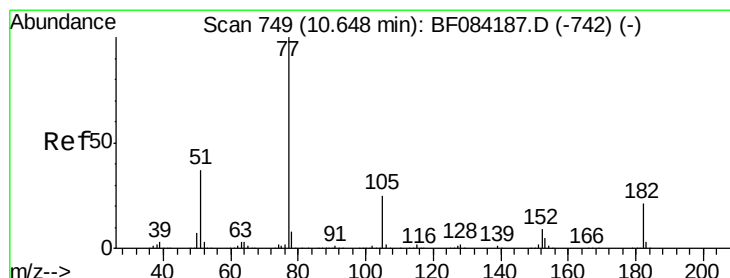
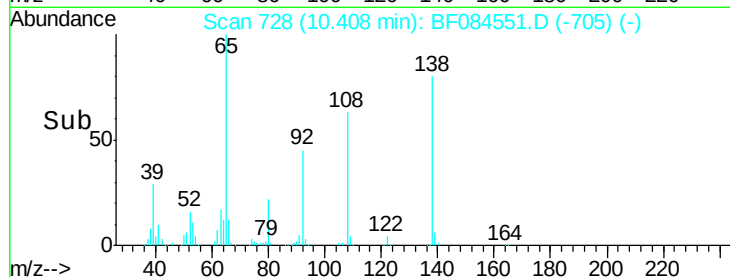
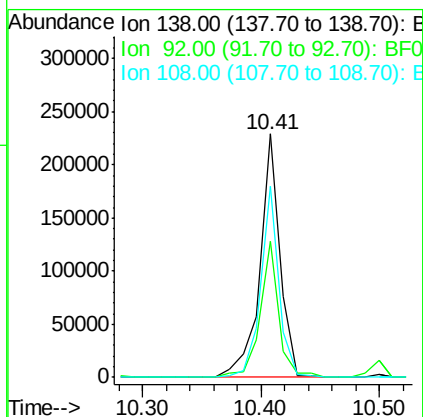
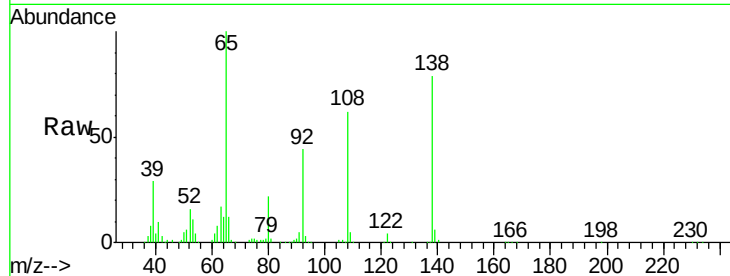




#61
4-Nitroaniline
Concen: 36.93 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

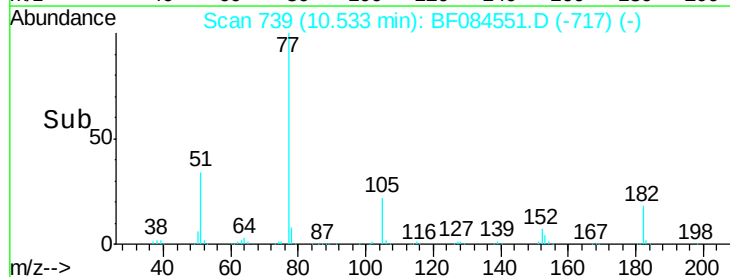
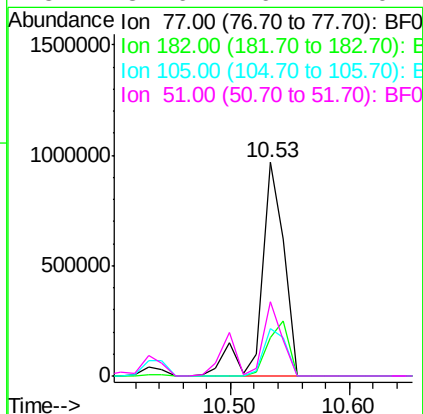
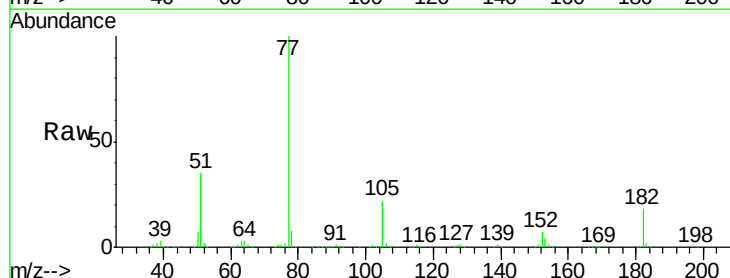
Instrument :
BNA_F
ClientSampleId :
PB87864BS

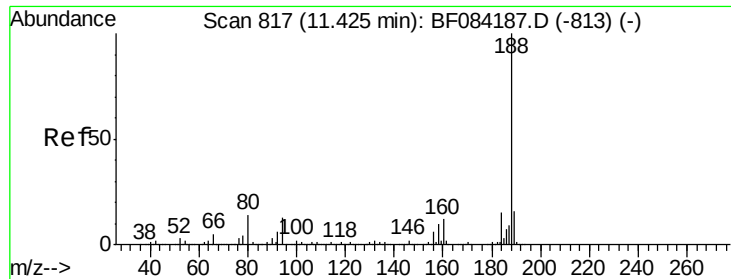
Tgt Ion:138 Resp: 271774
Ion Ratio Lower Upper
138 100
92 55.8 32.6 72.6
108 78.6 68.6 108.6



#62
Azobenzene
Concen: 39.55 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.05 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion: 77 Resp: 1299219
Ion Ratio Lower Upper
77 100
182 18.0 8.3 48.3
105 22.3 4.6 44.6
51 34.6 6.2 46.2

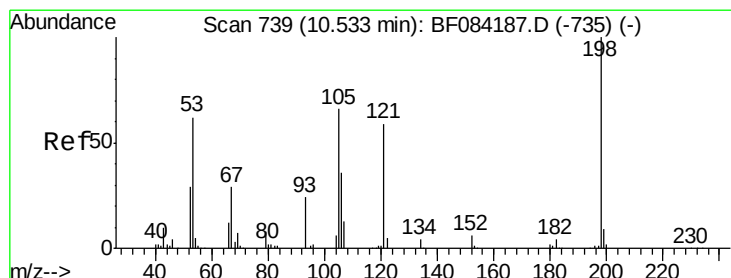
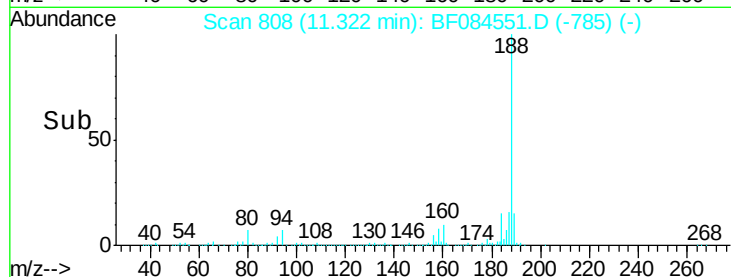
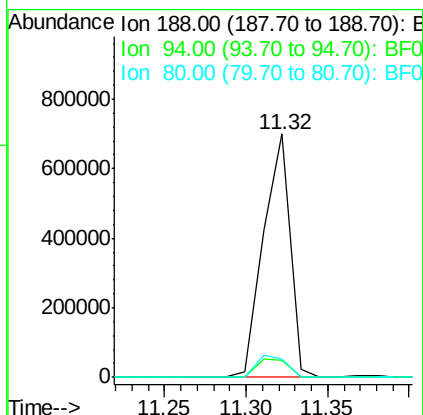
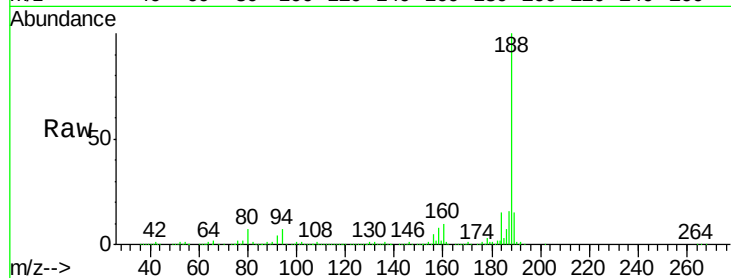




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

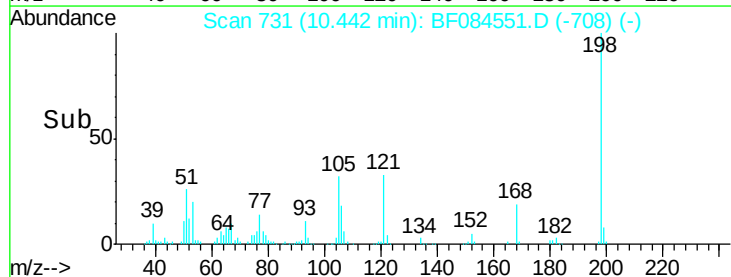
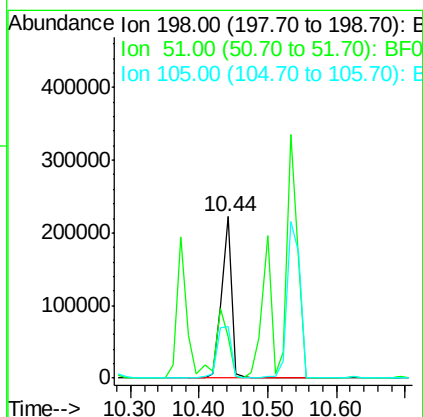
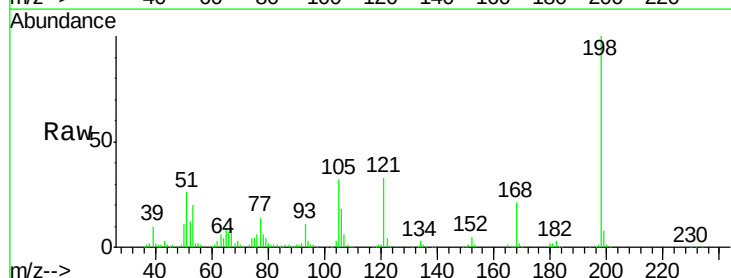
Instrument :
BNA_F
ClientSampleId :
PB87864BS

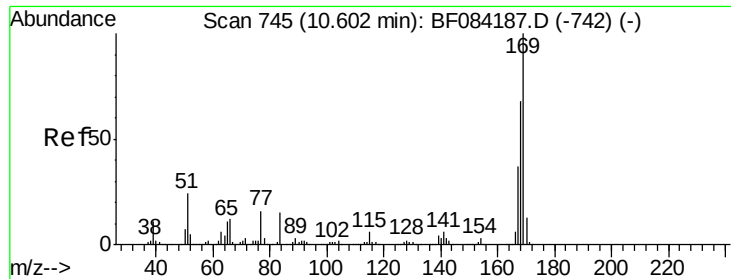
Tgt Ion:188 Resp: 798959
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.4#
80 7.3 9.6 14.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.60 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion:198 Resp: 234908
Ion Ratio Lower Upper
198 100
51 25.7 18.9 58.9
105 32.3 26.4 66.4

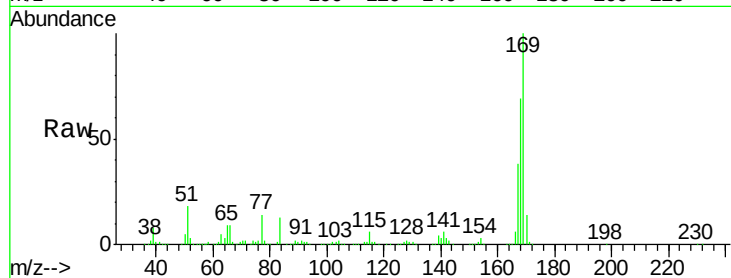




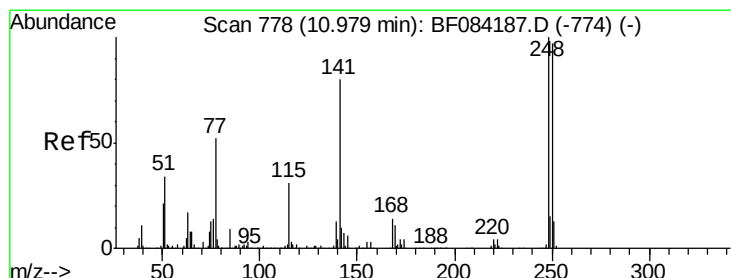
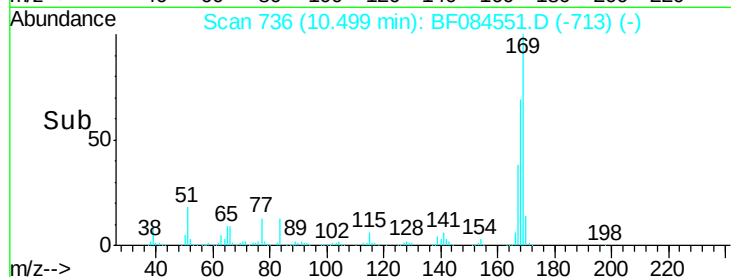
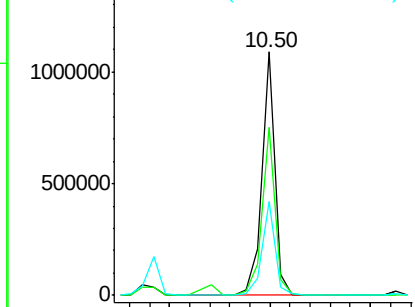
#65
 n-Nitrosodiphenylamine
 Concen: 38.21 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

Tgt Ion:169 Resp: 976124
 Ion Ratio Lower Upper
 169 100
 168 69.3 55.1 82.7
 167 38.4 30.0 45.0

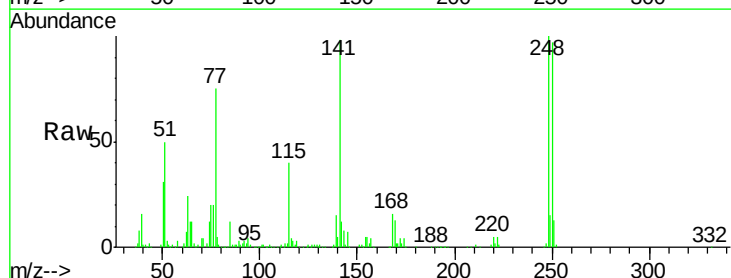


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

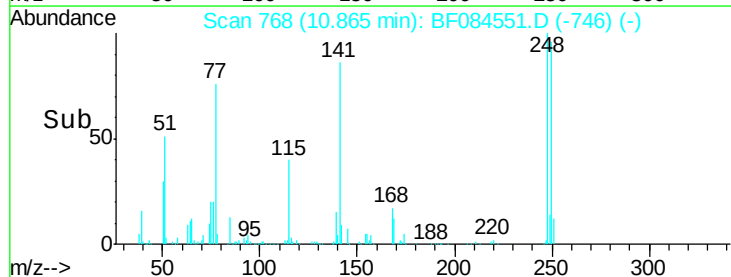
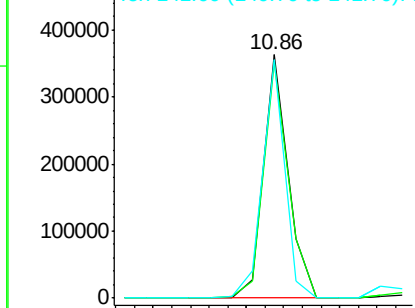


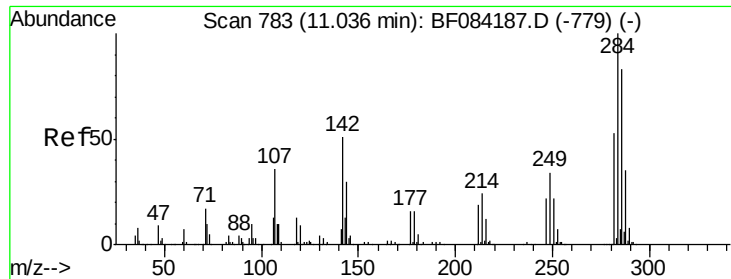
#66
 4-Bromophenyl-phenylether
 Concen: 38.38 ng
 RT: 10.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:248 Resp: 330037
 Ion Ratio Lower Upper
 248 100
 250 96.9 78.4 117.6
 141 97.8 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: 40.57 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

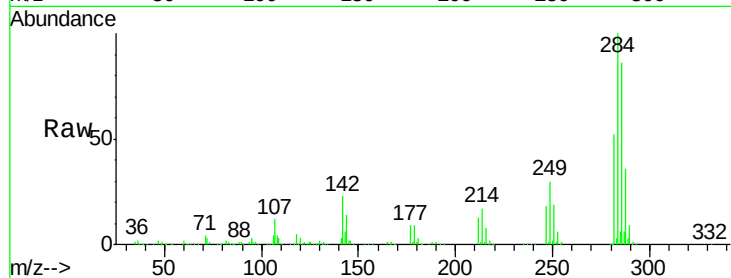
Tgt Ion:284 Resp: 392718

Ion Ratio Lower Upper

284 100

142 23.2 22.2 33.4

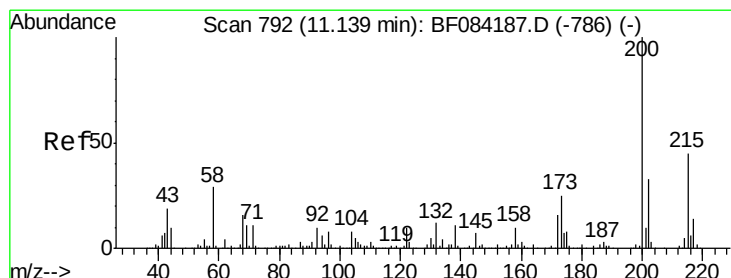
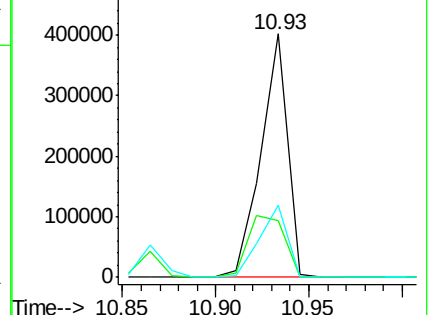
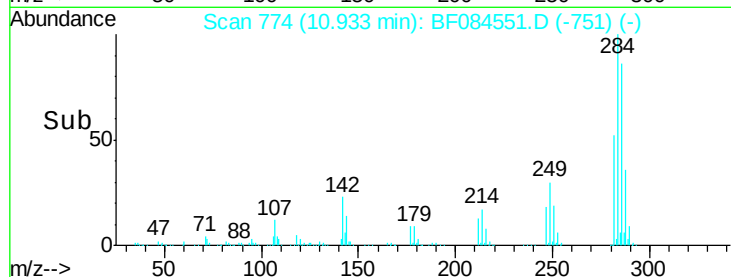
249 29.7 24.6 37.0



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: 39.89 ng

RT: 11.04 min Scan# 783

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

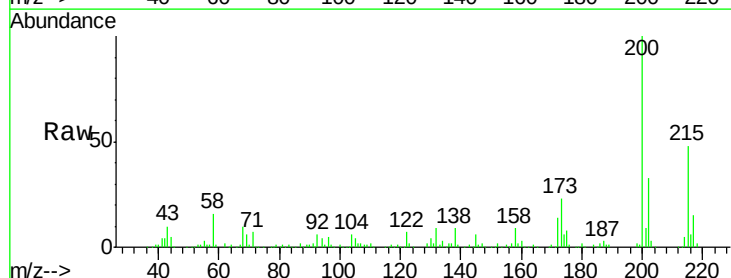
Tgt Ion:200 Resp: 333435

Ion Ratio Lower Upper

200 100

173 22.5 9.5 49.5

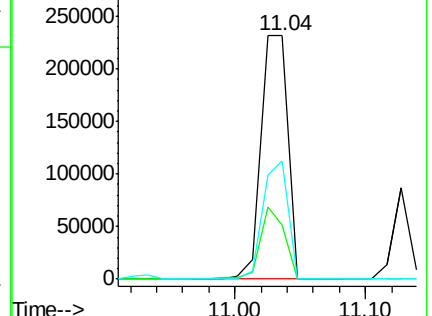
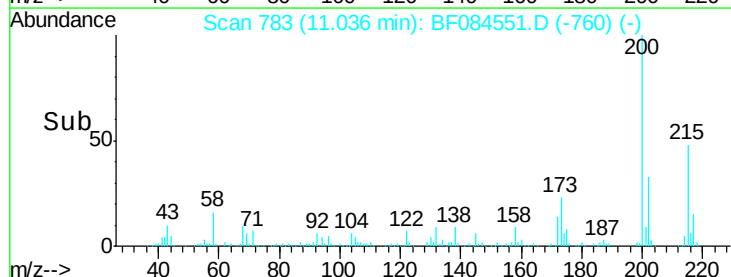
215 48.4 23.8 63.8

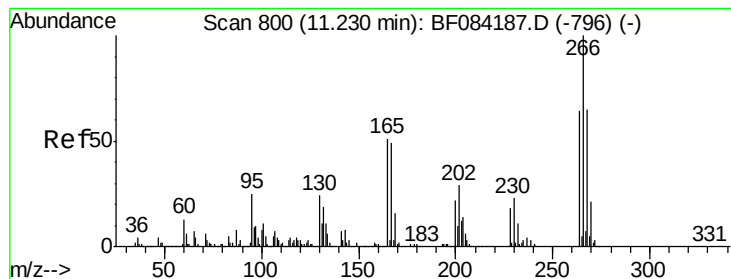


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 73.50 ng

RT: 11.13 min Scan# 791

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

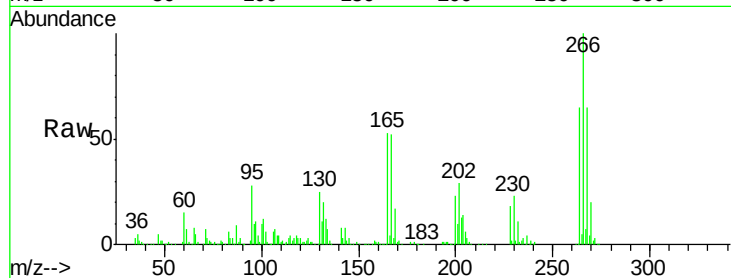
Tgt Ion:266 Resp: 368892

Ion Ratio Lower Upper

266 100

268 64.9 52.4 78.6

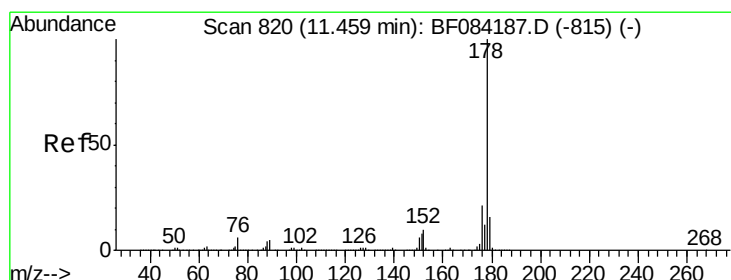
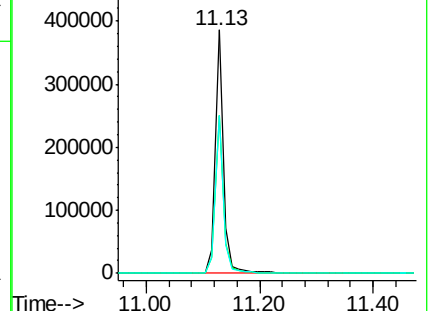
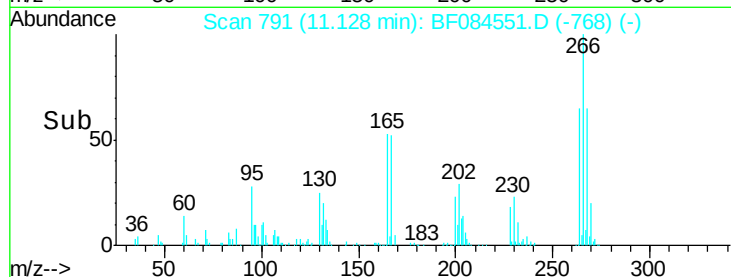
264 65.0 50.2 75.2



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: 42.05 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

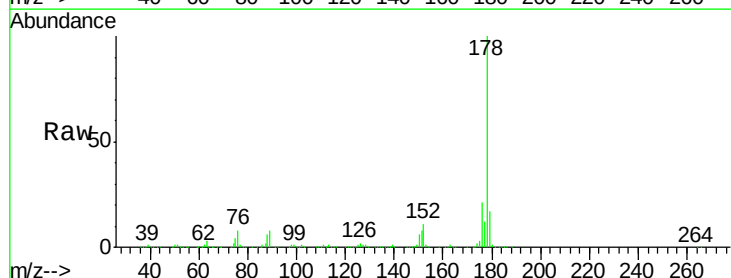
Tgt Ion:178 Resp: 1757545

Ion Ratio Lower Upper

178 100

176 20.9 15.3 22.9

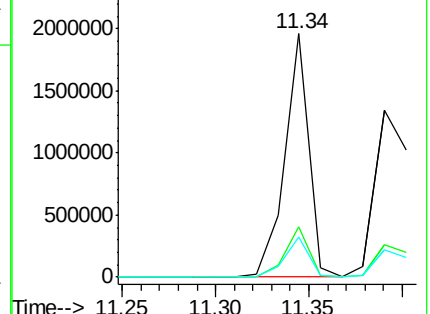
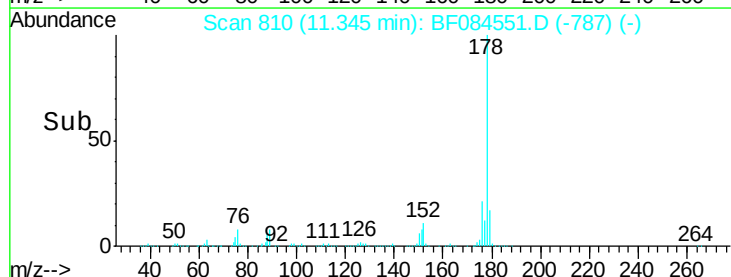
179 16.6 12.0 18.0

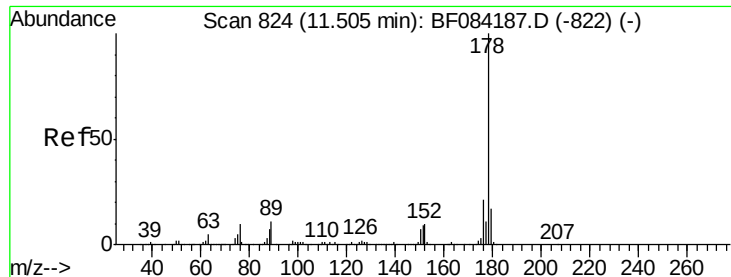


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

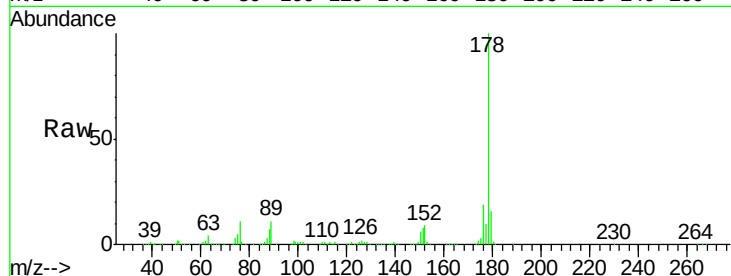




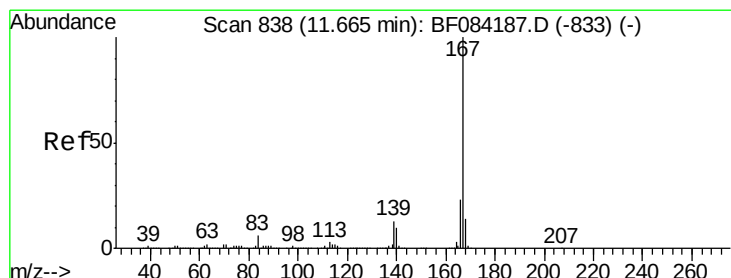
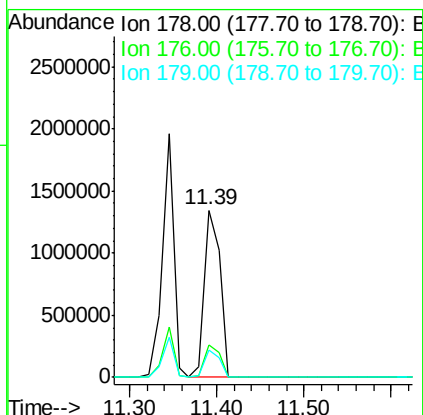
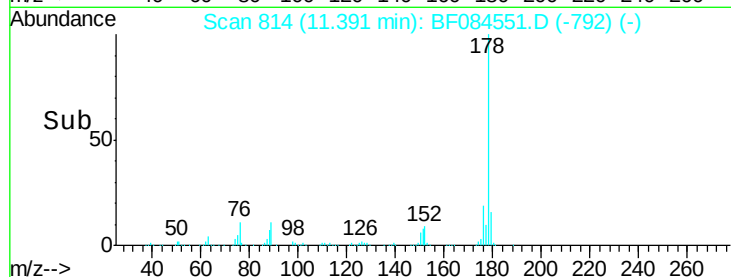
#71
 Anthracene
 Concen: 41.20 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

Tgt Ion:178 Resp: 1687986
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 16.4 12.5 18.7

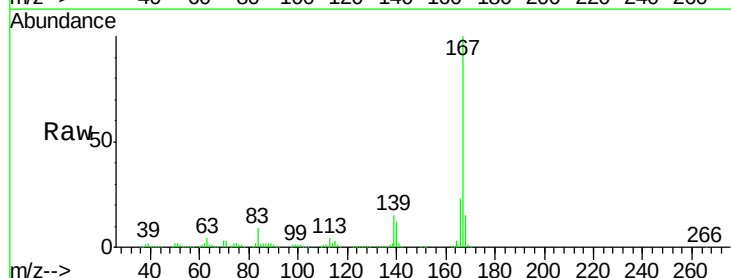


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

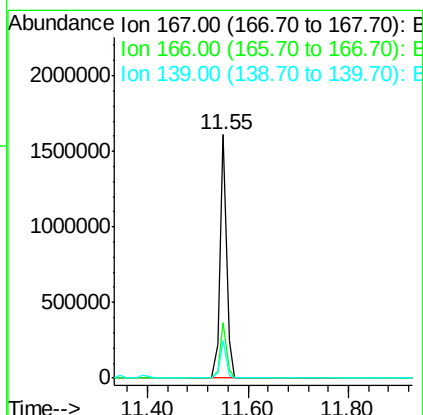
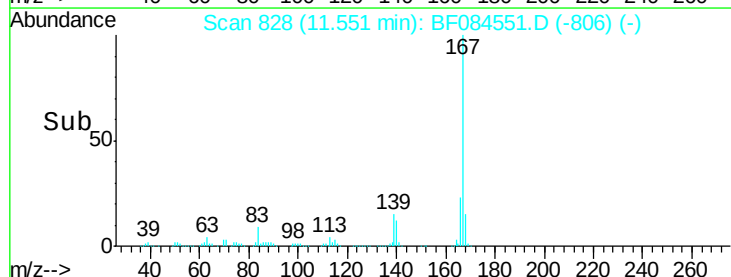


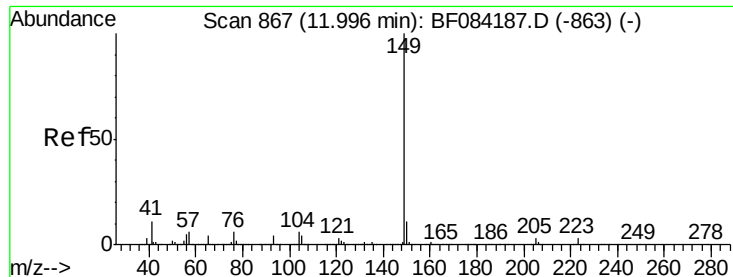
#72
 Carbazole
 Concen: 35.98 ng
 RT: 11.55 min Scan# 828
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:167 Resp: 1441058
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.6 26.4
 139 15.3 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: 46.29 ng

RT: 11.89 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

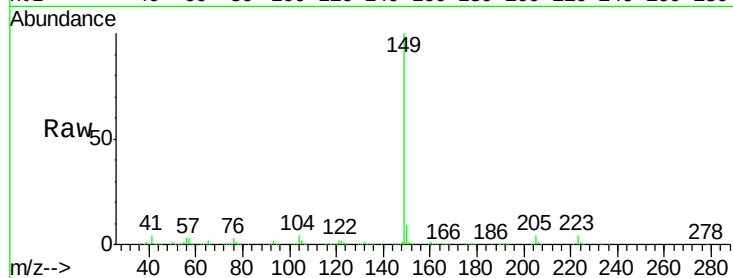
Tgt Ion:149 Resp: 1956151

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

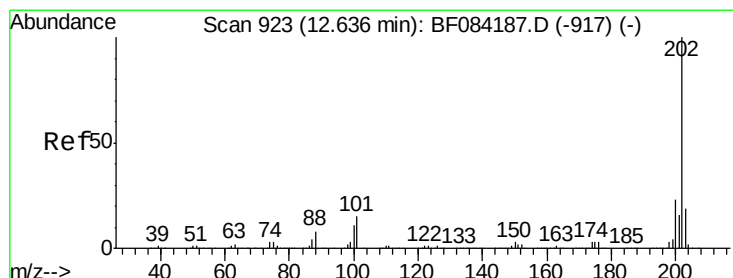
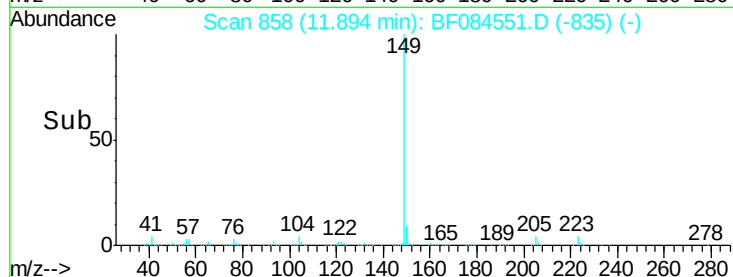
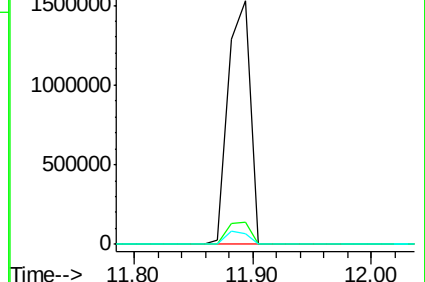
104 4.2 3.2 4.8



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: 41.97 ng

RT: 12.53 min Scan# 914

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

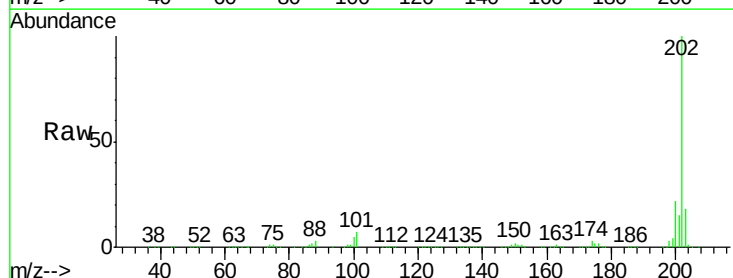
Tgt Ion:202 Resp: 1832180

Ion Ratio Lower Upper

202 100

101 6.7 0.0 32.8

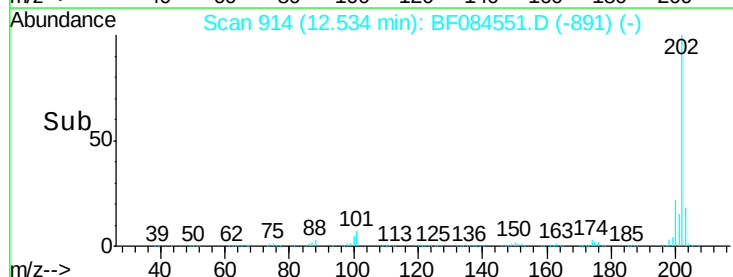
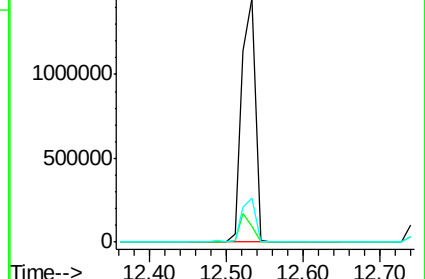
203 18.2 0.0 37.9

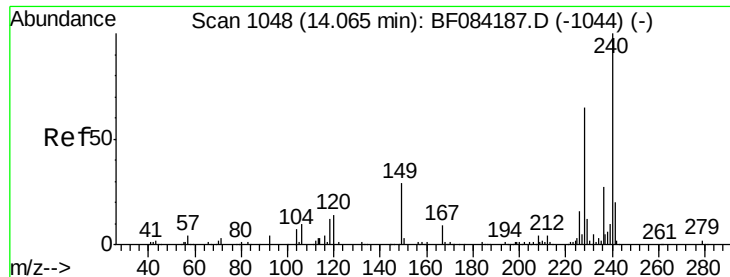


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.95 min Scan# 1038

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

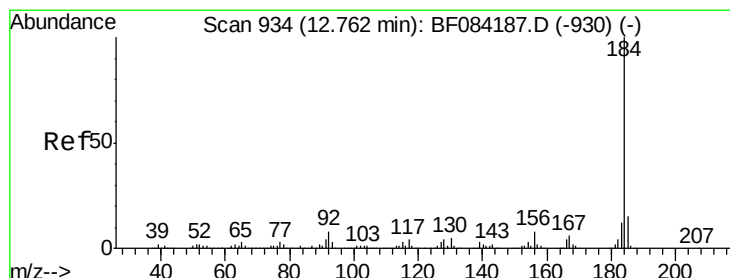
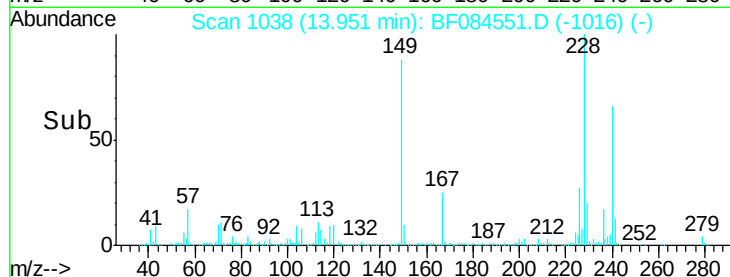
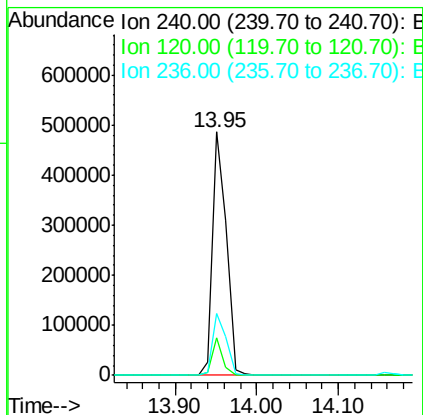
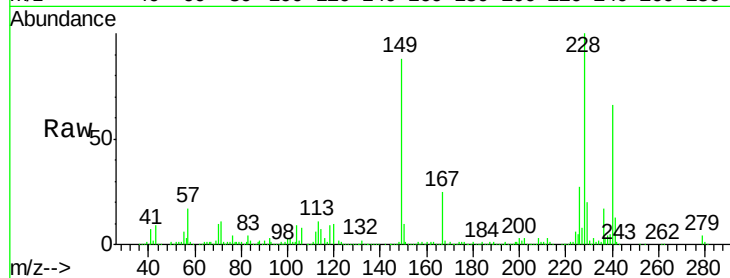
BNA_F

ClientSampleId :

PB87864BS

Tgt Ion:240 Resp: 576280

Ion	Ratio	Lower	Upper
240	100		
120	15.6	9.5	14.3#
236	25.4	20.6	31.0



#76

Benzidine

Concen: 21.63 ng

RT: 12.65 min Scan# 924

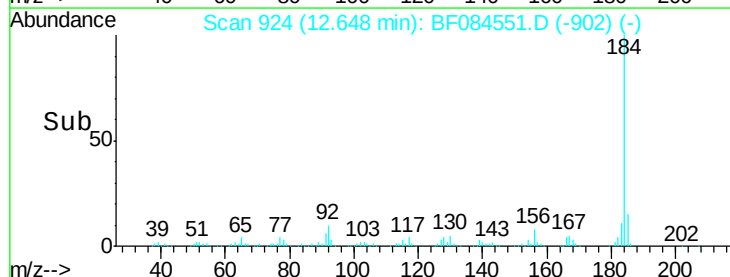
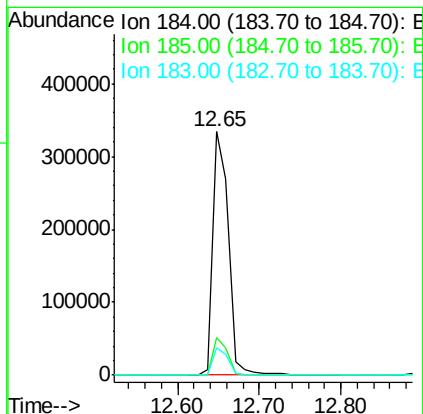
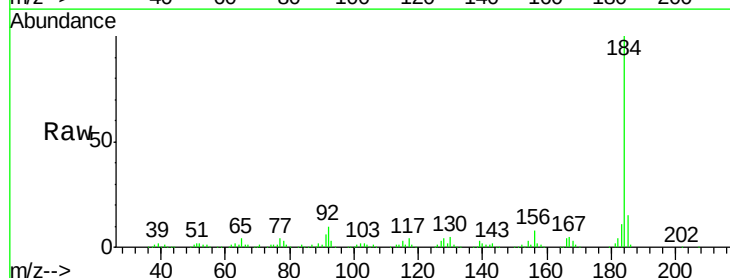
Delta R.T. -0.05 min

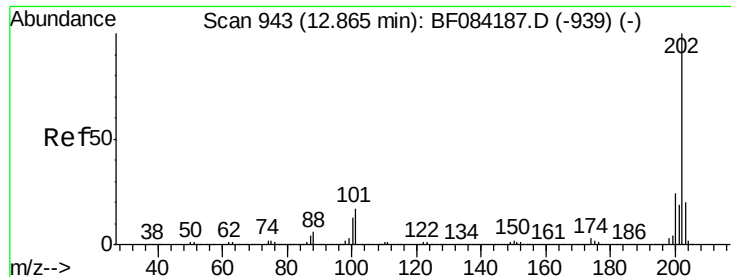
Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Tgt Ion:184 Resp: 446941

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.2	18.2
183	11.0	9.8	14.8

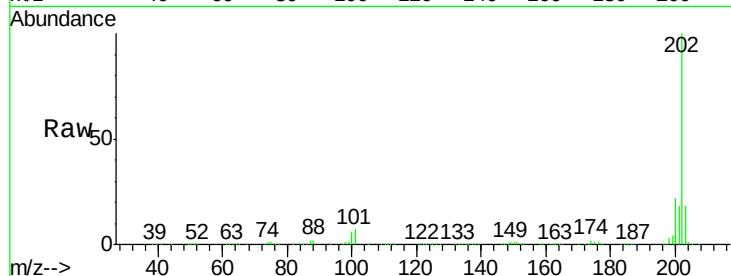




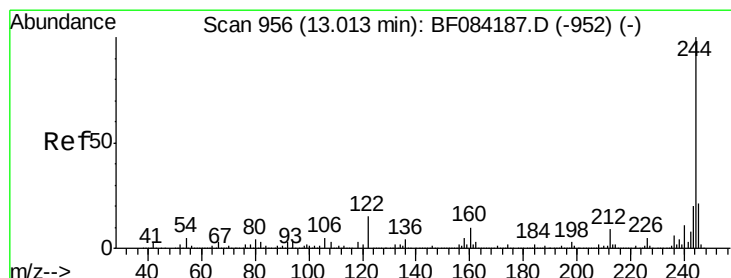
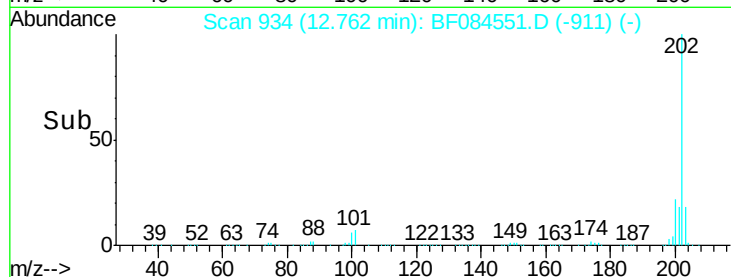
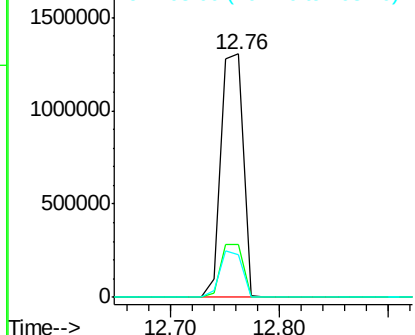
#77
 Pyrene
 Concen: 41.07 ng
 RT: 12.76 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

Tgt Ion:202 Resp: 1857431
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.2 25.8
 203 17.6 14.3 21.5

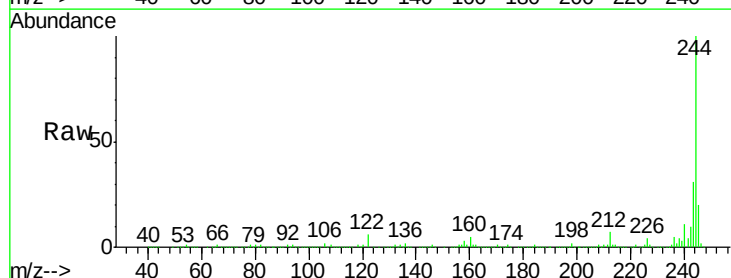


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

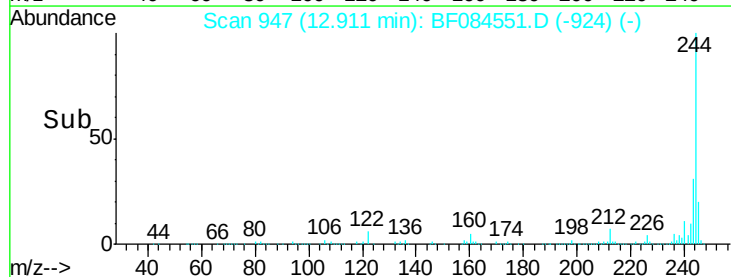
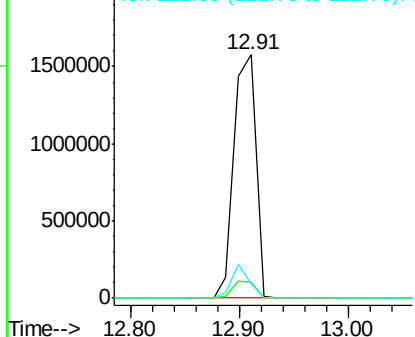


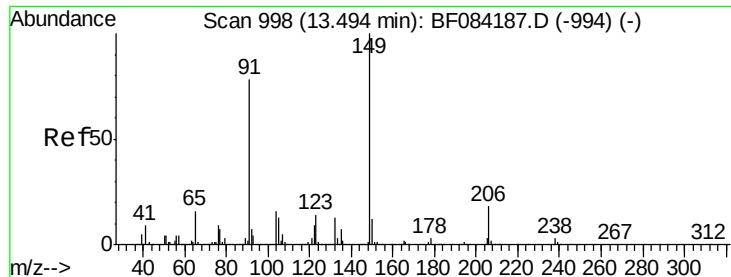
#78
 Terphenyl-d14
 Concen: 84.18 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion:244 Resp: 2173296
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.7 8.5
 122 5.7 7.4 11.0#



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

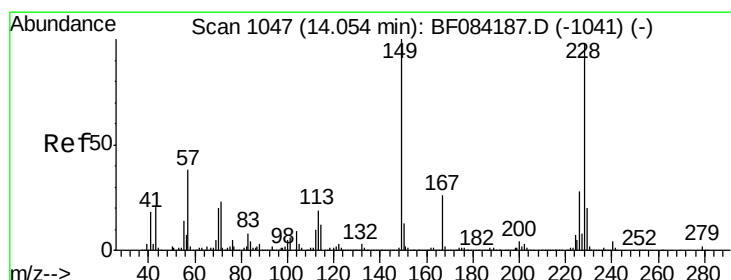
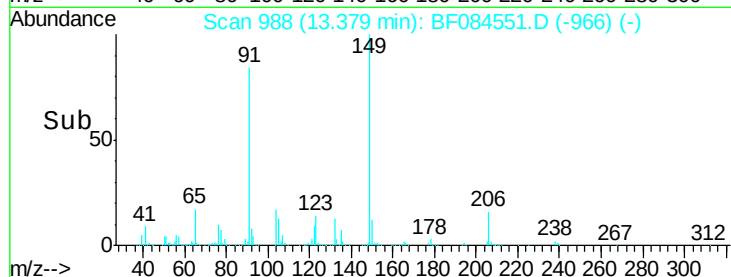
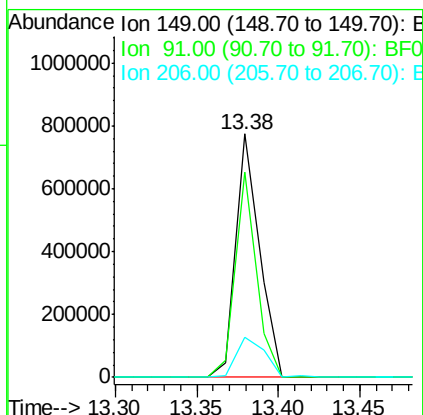
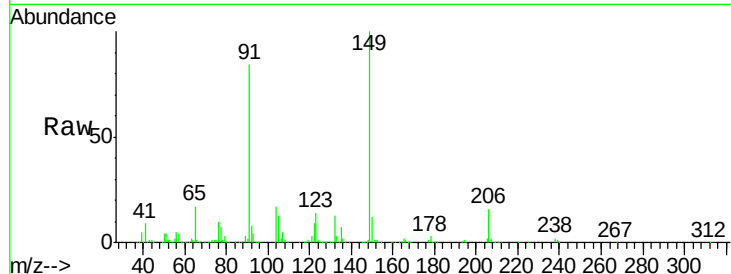




#79
Butylbenzylphthalate
Concen: 39.54 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.05 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

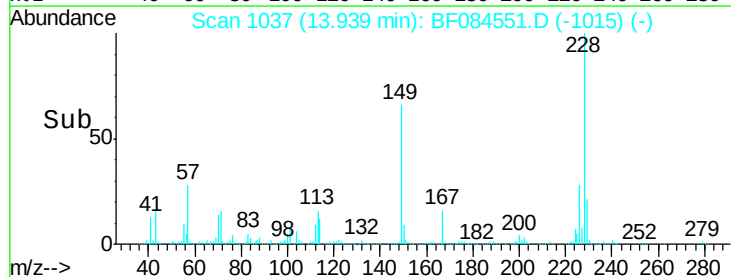
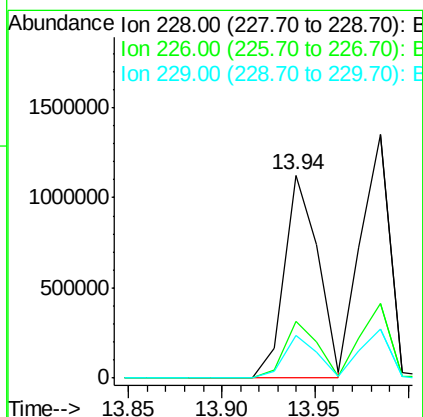
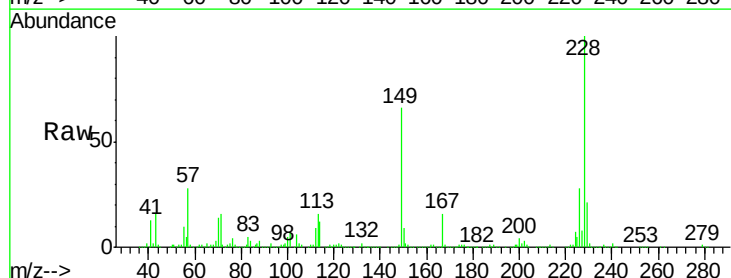
Instrument :
BNA_F
ClientSampleId :
PB87864BS

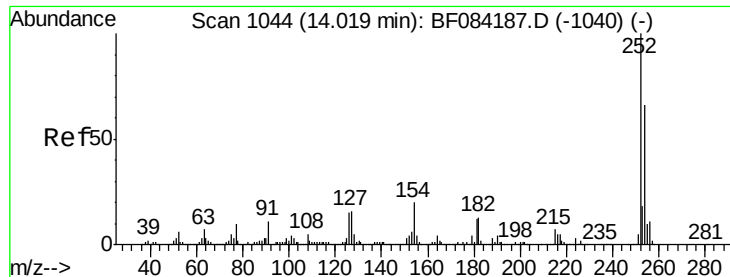
Tgt Ion:149 Resp: 773700
Ion Ratio Lower Upper
149 100
91 84.3 57.6 86.4
206 16.5 13.2 19.8



#80
Benzo(a)anthracene
Concen: 41.97 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion:228 Resp: 1420099
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 21.1 15.8 23.8

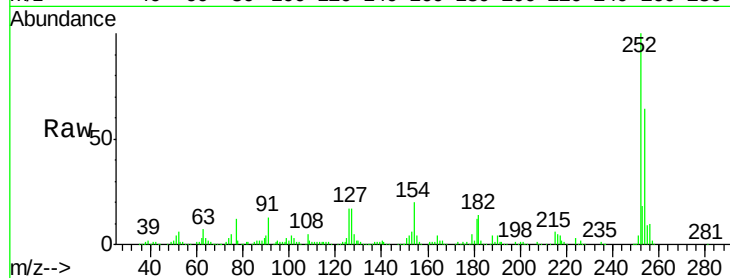




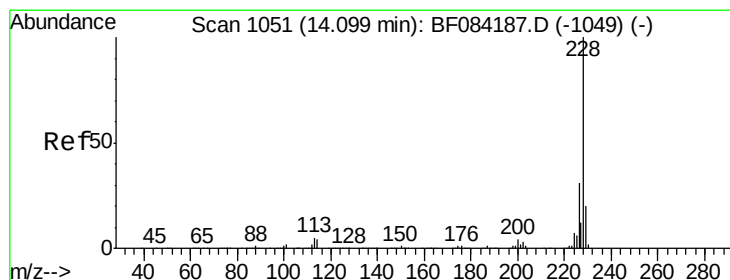
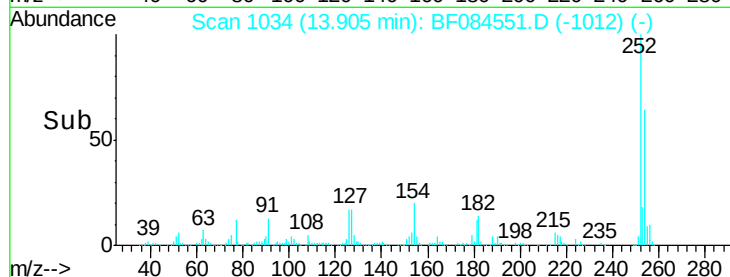
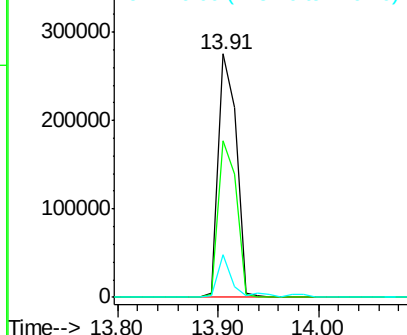
#81
 3,3'-Dichlorobenzidine
 Concen: 29.26 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.05 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Instrument :
 BNA_F
 ClientSampleId :
 PB87864BS

Tgt Ion: 252 Resp: 345558
 Ion Ratio Lower Upper
 252 100
 254 64.3 53.5 80.3
 126 17.3 4.9 7.3#

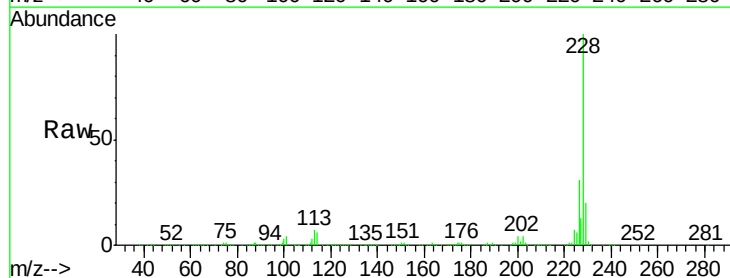


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

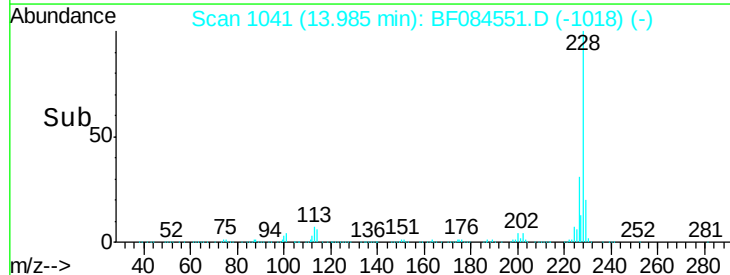
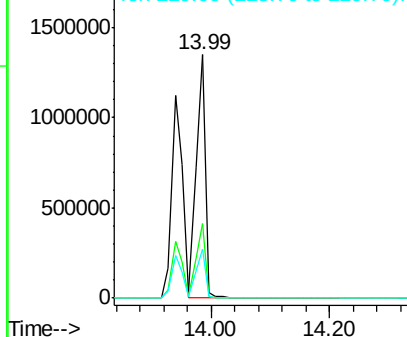


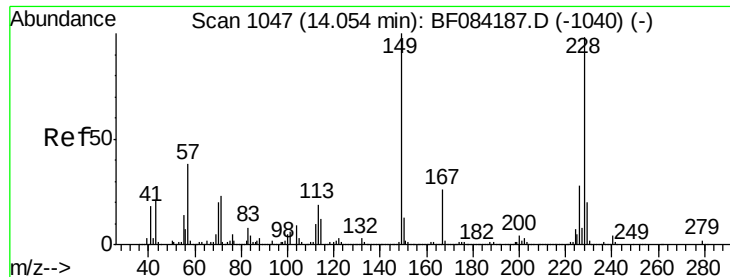
#82
 Chrysene
 Concen: 45.33 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084551.D
 Acq: 19 Jan 2016 14:47

Tgt Ion: 228 Resp: 1473942
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.0 16.1 24.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.76 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.05 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

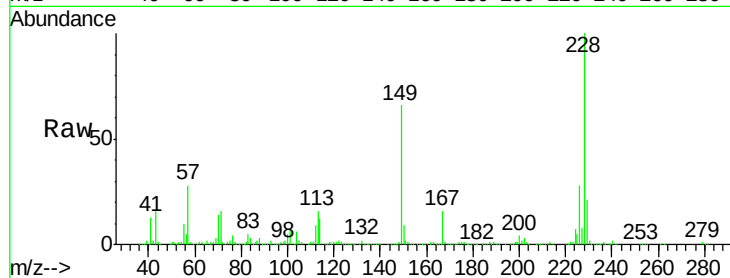
Tgt Ion:149 Resp: 982870

Ion Ratio Lower Upper

149 100

167 24.5 19.7 29.5

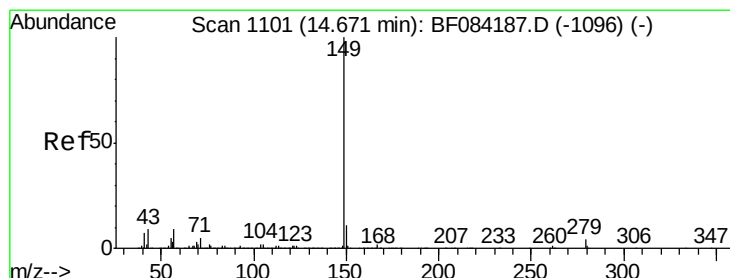
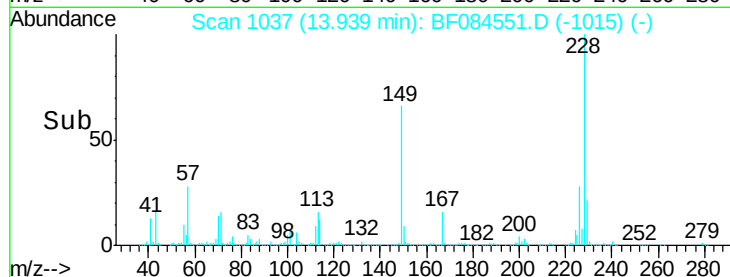
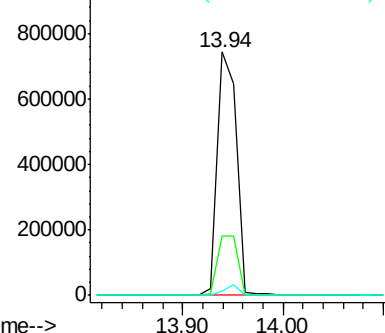
279 1.7 1.8 2.6#



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: 40.93 ng

RT: 14.56 min Scan# 1091

Delta R.T. -0.03 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

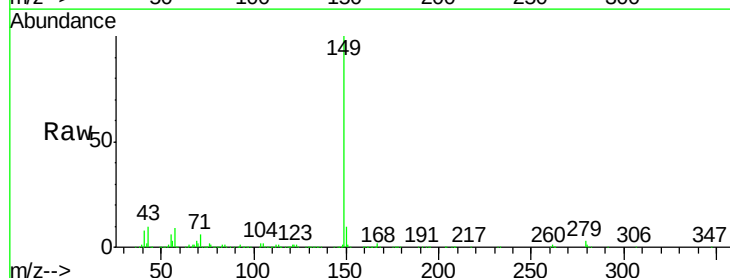
Tgt Ion:149 Resp: 1708359

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

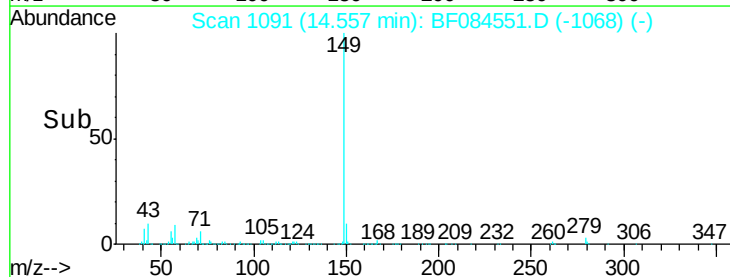
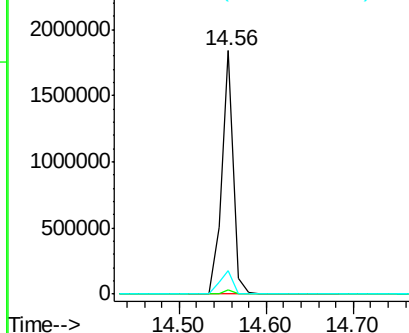
43 11.3 5.6 8.4#

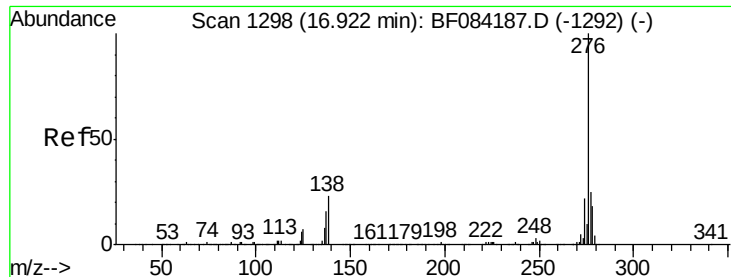


Abundance Ion 149.00 (148.70 to 149.70): E

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: 40.64 ng

RT: 16.72 min Scan# 1280

Delta R.T. -0.08 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

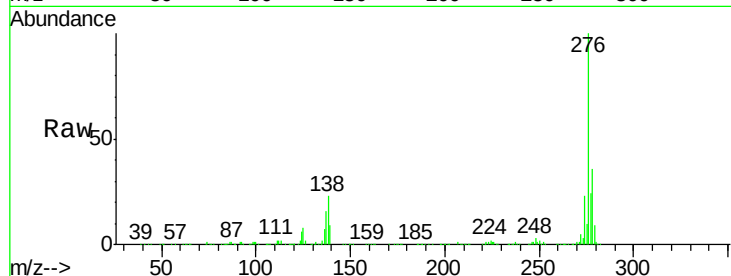
Tgt Ion:276 Resp: 1047485

Ion Ratio Lower Upper

276 100

138 25.7 20.6 30.8

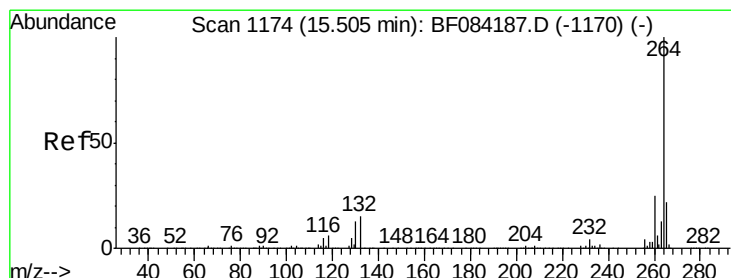
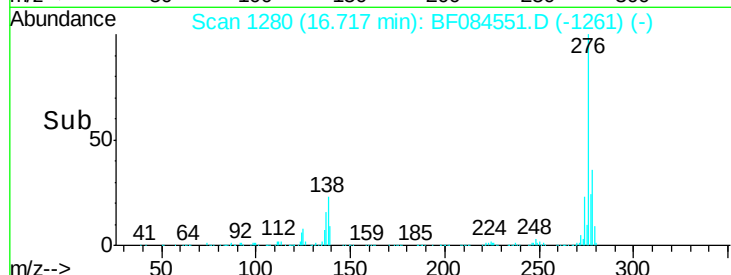
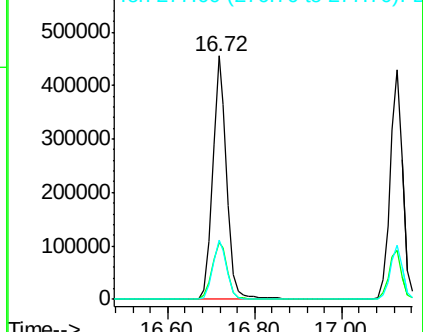
277 24.8 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1161

Delta R.T. -0.06 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

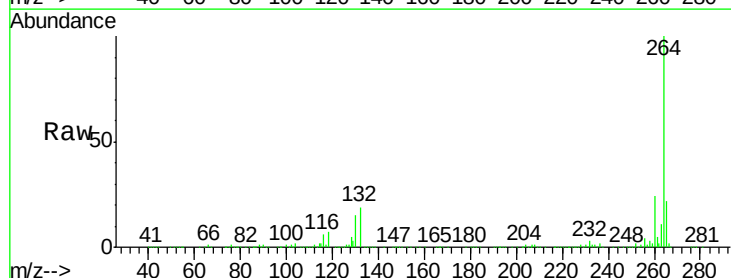
Tgt Ion:264 Resp: 468440

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

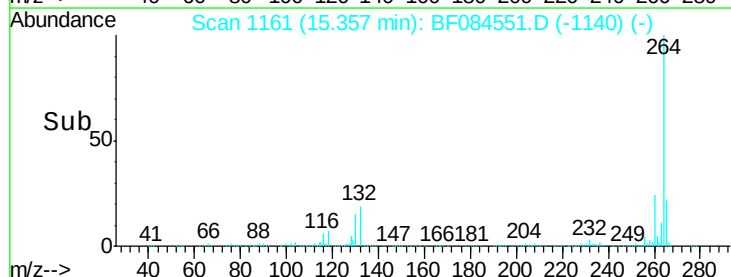
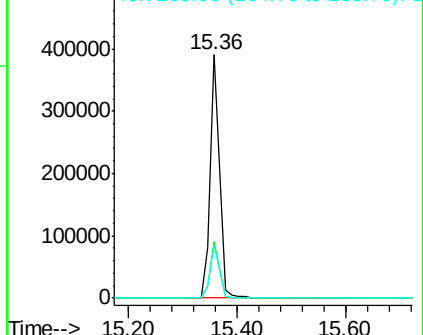
265 21.7 17.8 26.6

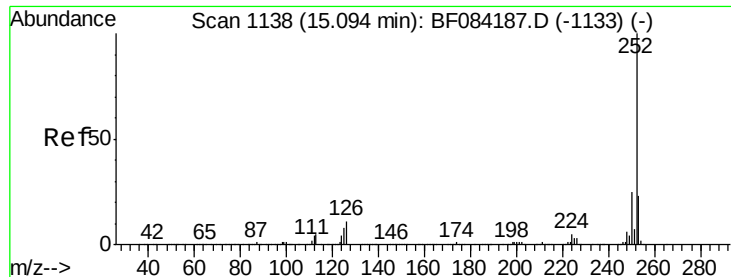


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

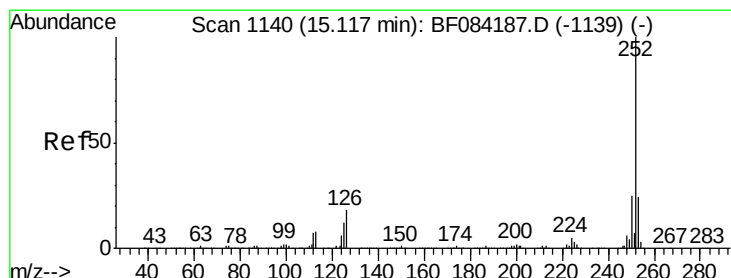
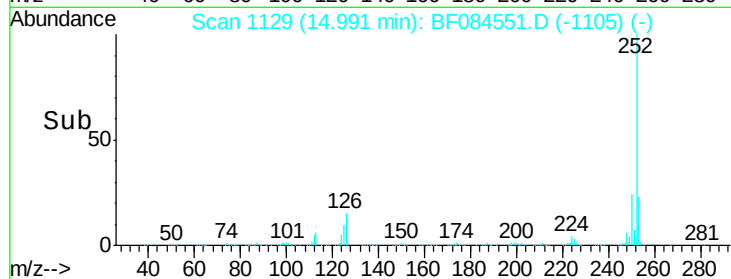
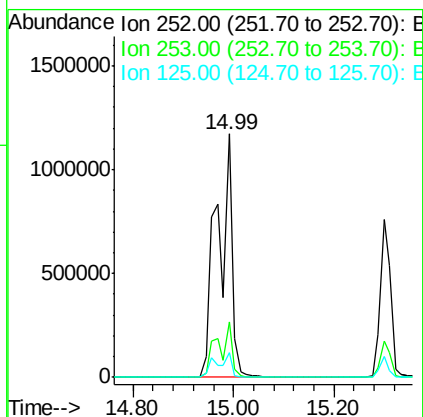
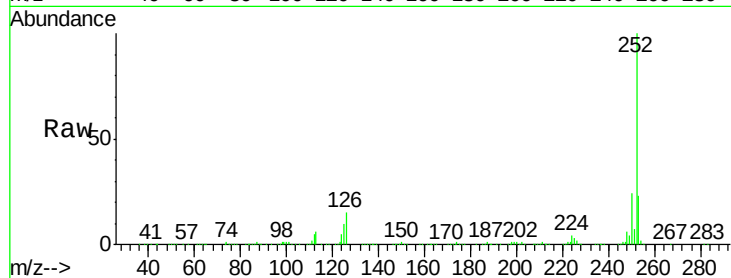




#87
Benzo(b)fluoranthene
Concen: 78.95 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

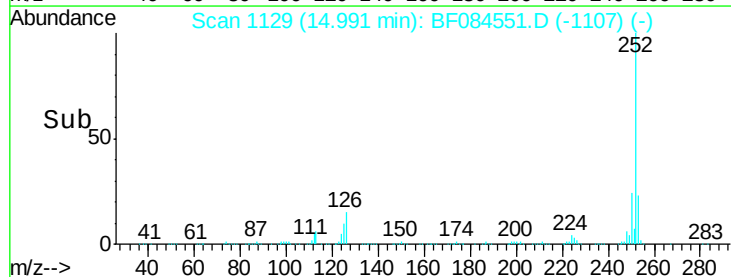
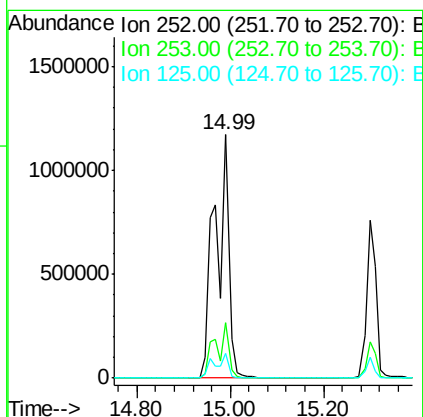
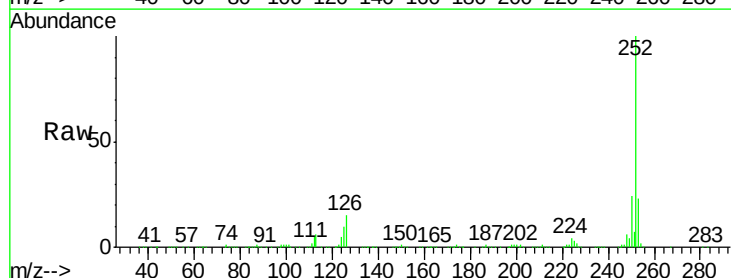
Instrument :
BNA_F
ClientSampleId :
PB87864BS

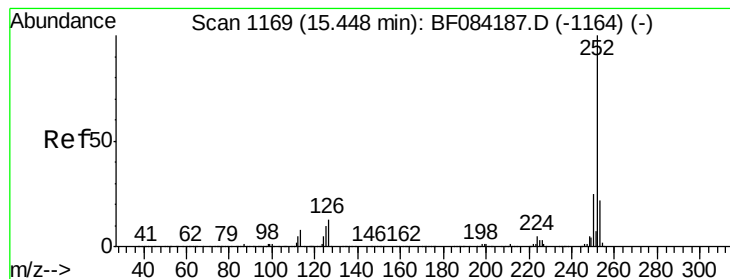
Tgt Ion:252 Resp: 2419328
Ion Ratio Lower Upper
252 100
253 22.8 17.3 25.9
125 10.1 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 96.58 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF084551.D
Acq: 19 Jan 2016 14:47

Tgt Ion:252 Resp: 2420372
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 10.1 9.0 13.6





#89

Benzo(a)pyrene

Concen: 42.08 ng

RT: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

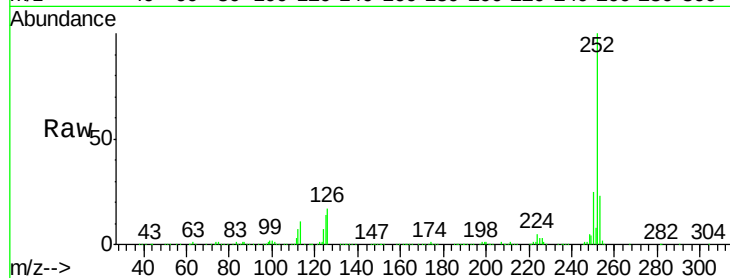
Tgt Ion: 252 Resp: 1093676

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

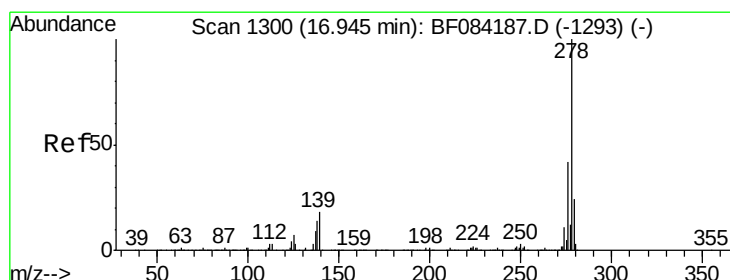
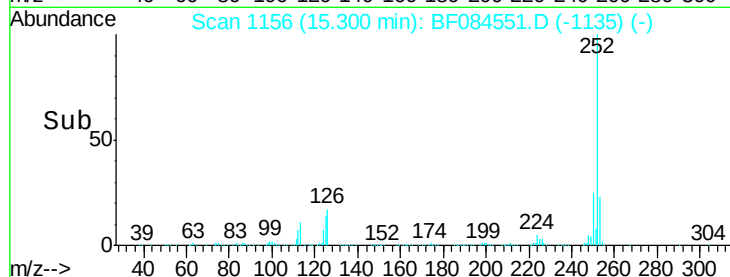
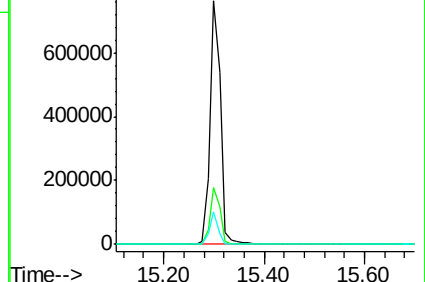
125 13.5 7.0 10.4#



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: 38.65 ng

RT: 16.74 min Scan# 1282

Delta R.T. -0.07 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

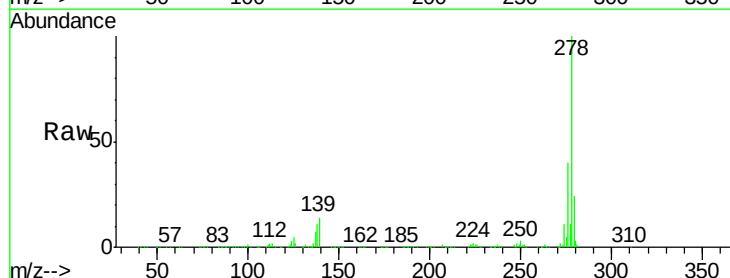
Tgt Ion: 278 Resp: 864477

Ion Ratio Lower Upper

278 100

139 13.5 15.0 22.4#

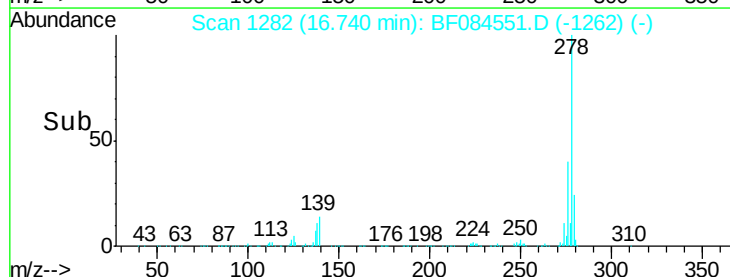
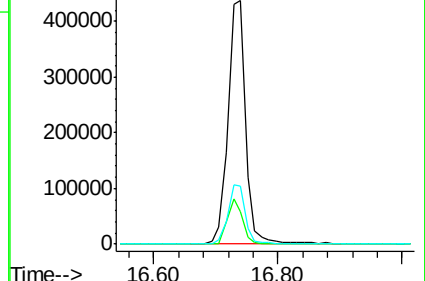
279 23.9 18.9 28.3

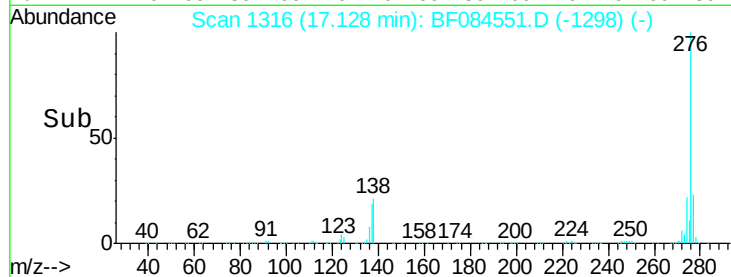
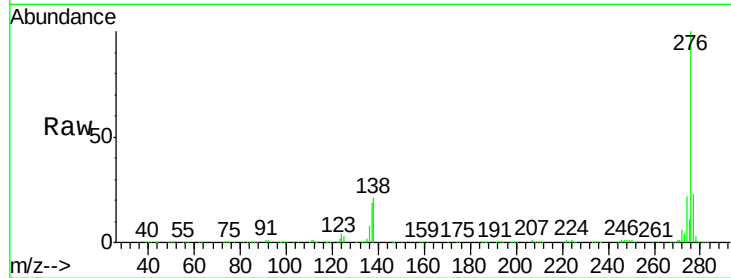
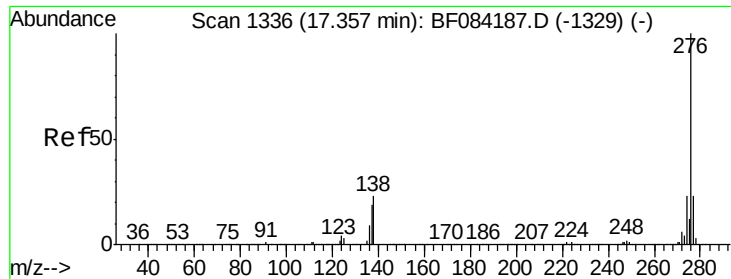


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.48 ng

RT: 17.13 min Scan# 1316

Delta R.T. -0.09 min

Lab File: BF084551.D

Acq: 19 Jan 2016 14:47

Instrument :

BNA_F

ClientSampleId :

PB87864BS

Tgt Ion:276 Resp: 891127

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 21.4 17.8 26.6

