

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050916\
 Data File : BF086834.D
 Acq On : 9 May 2016 21:36
 Operator : UM/SJ
 Sample : PB90347BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Quant Time: May 10 02:05:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	157982	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	653345	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	327323	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	630191	20.00	ng	0.00
75) Chrysene-d12	13.84	240	500257	20.00	ng	0.00
86) Perylene-d12	15.21	264	401366	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	1081356	115.92	ng	0.01
7) Phenol-d6	6.36	99	1559177	125.06	ng	0.00
23) Nitrobenzene-d5	7.26	82	974754	74.91	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	425225	122.71	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1580265	81.14	ng	0.00
78) Terphenyl-d14	12.79	244	1645436	69.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.26	88	142688	31.16	ng	# 69
3) Pyridine	2.94	79	380149	33.95	ng	# 64
4) n-Nitrosodimethylamine	2.89	42	311757	38.40	ng	# 52
6) Aniline	6.36	93	361324	23.96	ng	# 29
8) 2-Chlorophenol	6.49	128	435847	38.72	ng	97
9) Benzaldehyde	6.25	77	46092	6.38	ng	96
10) Phenol	6.37	94	567026	38.26	ng	83
11) bis(2-Chloroethyl)ether	6.44	93	456609	39.52	ng	96
12) 1,3-Dichlorobenzene	6.86	146	404250	33.19	ng	100
13) 1,4-Dichlorobenzene	6.86	146	407886	32.83	ng	98
14) 1,2-Dichlorobenzene	6.86	146	412379	38.09	ng	96
15) Benzyl Alcohol	6.85	79	389224	45.21	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.98	45	888983	35.39	ng	70
17) 2-Methylphenol	6.98	107	365748	40.83	ng	# 82
18) Hexachloroethane	7.20	117	172780	36.97	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	331261	38.02	ng	# 64
20) 3+4-Methylphenols	7.13	107	493867	42.22	ng	# 65
22) Acetophenone	7.12	105	638060	41.35	ng	# 95
24) Nitrobenzene	7.29	77	529678	39.57	ng	91
25) Isophorone	7.53	82	950760	39.38	ng	98
26) 2-Nitrophenol	7.60	139	227450	38.66	ng	# 67
27) 2,4-Dimethylphenol	7.65	122	381762	38.09	ng	87
28) bis(2-Chloroethoxy)methane	7.74	93	571911	43.92	ng	99
29) 2,4-Dichlorophenol	7.85	162	367642	41.68	ng	95
30) 1,2,4-Trichlorobenzene	7.93	180	387303	39.27	ng	98
31) Naphthalene	8.00	128	1226438	37.48	ng	99
32) Benzoic acid	7.80	122	238094	40.45	ng	# 84
33) 4-Chloroaniline	8.06	127	218729	17.20	ng	97
34) Hexachlorobutadiene	8.12	225	226049	39.50	ng	97
35) Caprolactam	8.44	113	83016	27.66	ng	# 47
36) 4-Chloro-3-methylphenol	8.57	107	457022	42.72	ng	94
37) 2-Methylnaphthalene	8.69	142	864102	45.17	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	339583	35.68	ng	97
40) Hexachlorocyclopentadiene	8.84	237	376308	83.31	ng	96

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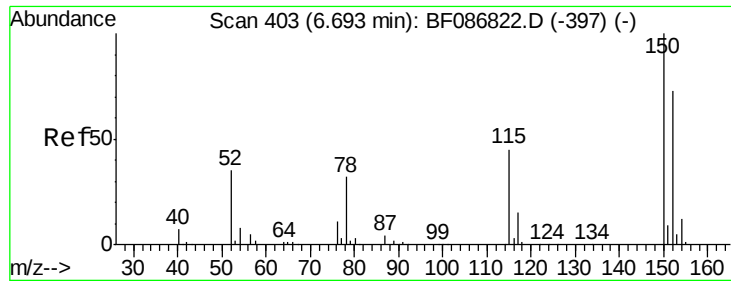
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	8.98	196	250442	39.35	ng	94
43) 2,4,5-Trichlorophenol	9.02	196	253069	38.45	ng #	77
45) 1,1'-Biphenyl	9.16	154	1068131	41.03	ng	100
46) 2-Chloronaphthalene	9.18	162	802149	39.33	ng	98
47) 2-Nitroaniline	9.29	65	309650	41.54	ng #	76
48) Acenaphthylene	9.60	152	1289598	42.98	ng	99
49) Dimethylphthalate	9.47	163	993921	39.80	ng	100
50) 2,6-Dinitrotoluene	9.53	165	198360	37.74	ng #	73
51) Acenaphthene	9.77	154	789736	42.31	ng	98
52) 3-Nitroaniline	9.70	138	128580	23.24	ng #	79
53) 2,4-Dinitrophenol	9.81	184	222303	82.51	ng	84
54) Dibenzofuran	9.94	168	1138007	47.50	ng	99
55) 4-Nitrophenol	9.89	139	291177	78.99	ng #	69
56) 2,4-Dinitrotoluene	9.94	165	268865	41.34	ng #	84
57) Fluorene	10.28	166	867731	42.47	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	233648	47.16	ng	95
59) Diethylphthalate	10.17	149	1011947	41.58	ng	96
60) 4-Chlorophenyl-phenylether	10.27	204	380499	42.13	ng	96
61) 4-Nitroaniline	10.32	138	218782	41.17	ng #	71
62) Azobenzene	10.43	77	1163239	44.31	ng	87
64) 4,6-Dinitro-2-methylphenol	10.34	198	145283	37.11	ng #	44
65) n-Nitrosodiphenylamine	10.40	169	805332	41.60	ng	100
66) 4-Bromophenyl-phenylether	10.76	248	256157	40.09	ng #	79
67) Hexachlorobenzene	10.82	284	284175	38.06	ng #	80
68) Atrazine	10.93	200	276822	42.80	ng	96
69) Pentachlorophenol	11.02	266	297348	86.16	ng	98
70) Phenanthrene	11.23	178	1231872	36.63	ng	99
71) Anthracene	11.29	178	1439305	41.85	ng	100
72) Carbazole	11.45	167	1287419	43.54	ng	99
73) Di-n-butylphthalate	11.78	149	1544270	42.77	ng	99
74) Fluoranthene	12.41	202	1327377	38.37	ng	99
76) Benzidine	12.55	184	376467	29.52	ng	96
77) Pyrene	12.64	202	1294716	33.81	ng	100
79) Butylbenzylphthalate	13.27	149	581962	35.92	ng #	71
80) Benzo(a)anthracene	13.83	228	1093651	38.94	ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	220336	12.35	ng	98
82) Chrysene	13.86	228	936741	32.79	ng	99
83) Bis(2-ethylhexyl)phthalate	13.83	149	728326	37.38	ng	98
84) Di-n-octyl phthalate	14.43	149	1279300	39.63	ng #	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	837418	35.23	ng	96
87) Benzo(b)fluoranthene	14.83	252	1881525	72.13	ng #	96
88) Benzo(k)fluoranthene	14.83	252	1882721	88.15	ng	99
89) Benzo(a)pyrene	15.15	252	869996	38.67	ng #	97
90) Dibenzo(a,h)anthracene	16.51	278	696476	36.73	ng	95
91) Benzo(g,h,i)perylene	16.89	276	701079	36.39	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. 0.00 min

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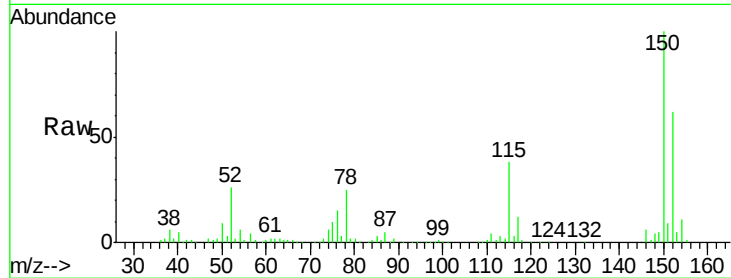
Tgt Ion:152 Resp: 157982

Ion Ratio Lower Upper

152 100

150 160.2 125.8 188.6

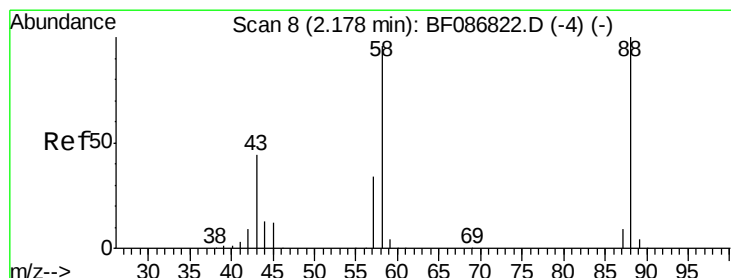
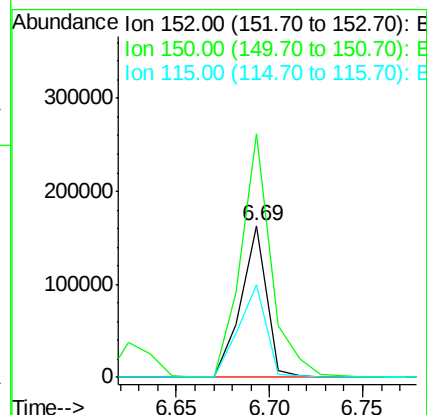
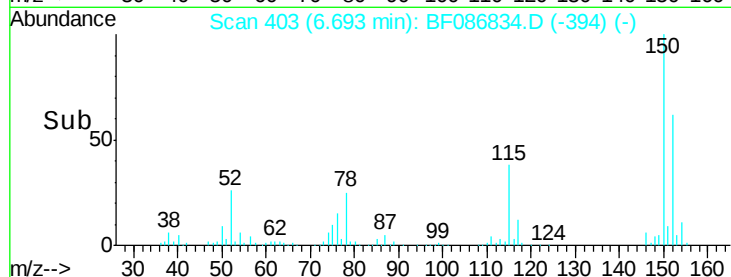
115 60.7 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.16 ng

RT: 2.26 min Scan# 15

Delta R.T. 0.08 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

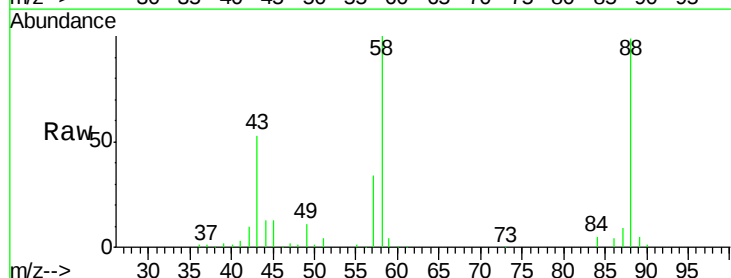
Tgt Ion: 88 Resp: 142688

Ion Ratio Lower Upper

88 100

58 96.6 59.6 89.4#

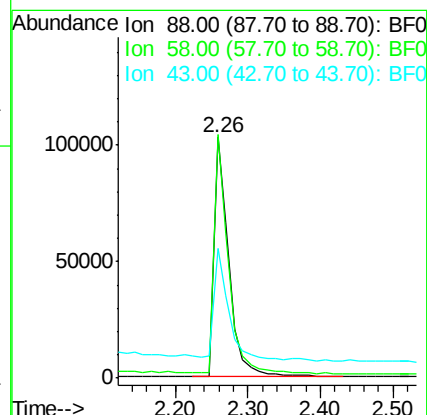
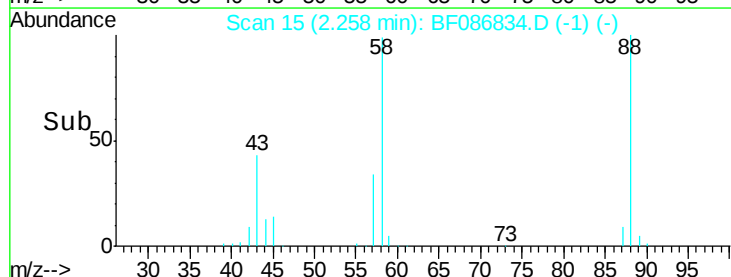
43 50.1 21.8 32.6#

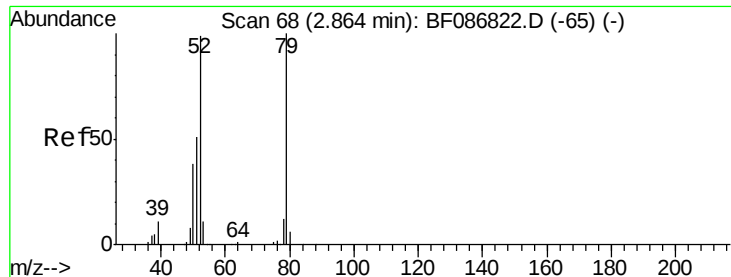


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 33.95 ng

RT: 2.94 min Scan# 75

Delta R.T. 0.08 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

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PB90374BS

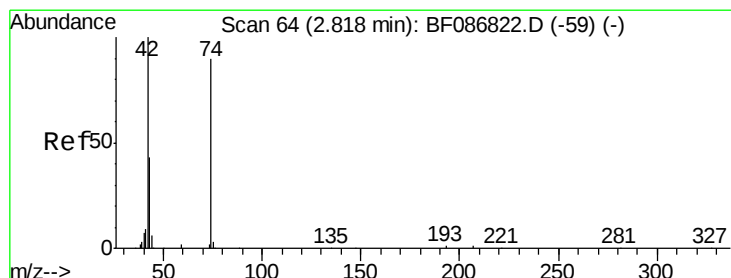
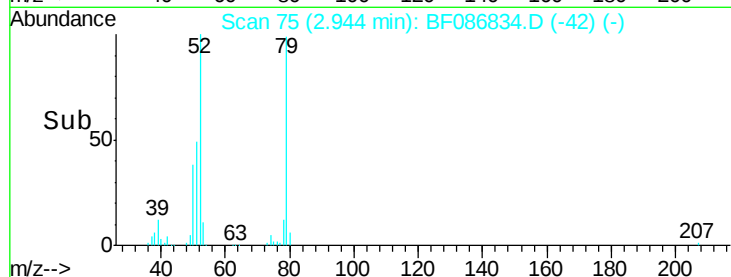
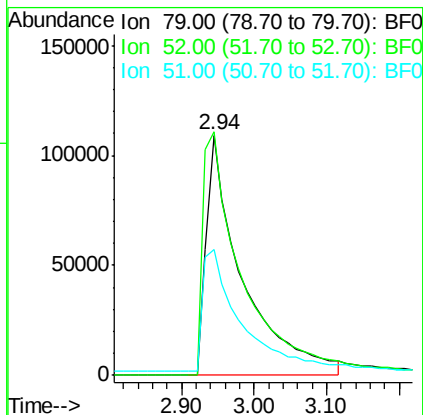
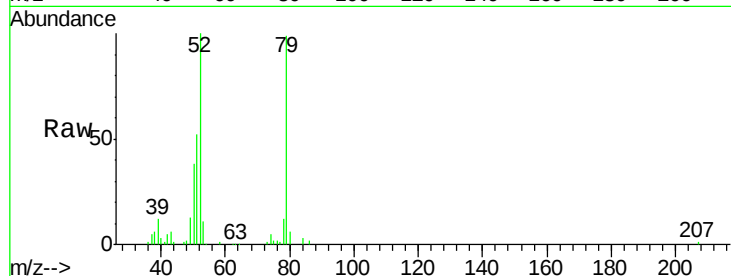
Tgt Ion: 79 Resp: 380149

Ion Ratio Lower Upper

79 100

52 101.4 55.9 83.9#

51 52.4 28.1 42.1#



#4

n-Nitrosodimethylamine

Concen: 38.40 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.07 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

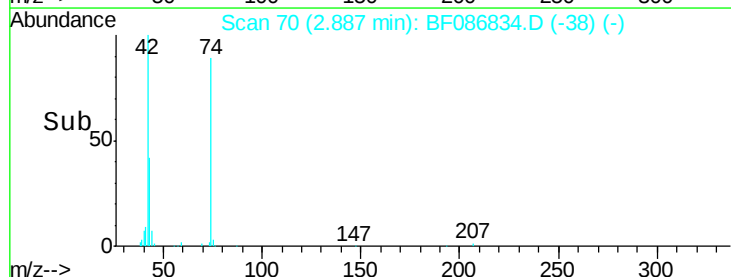
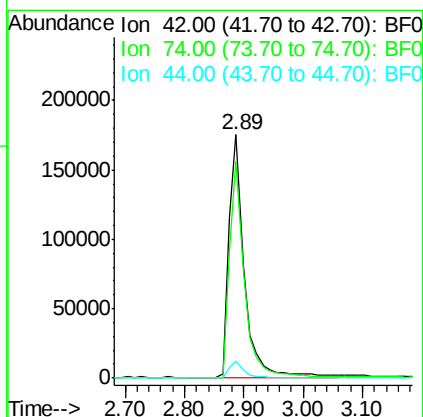
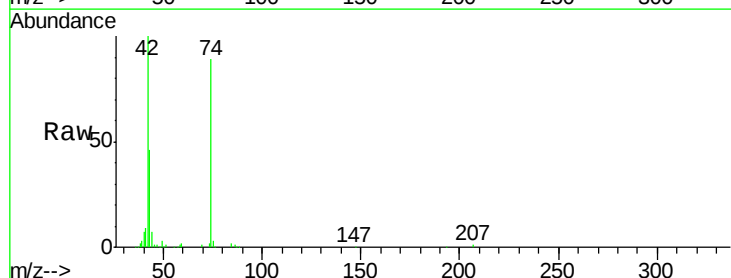
Tgt Ion: 42 Resp: 311757

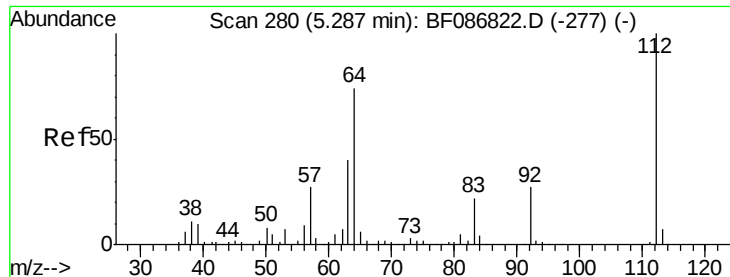
Ion Ratio Lower Upper

42 100

74 88.8 123.4 185.0#

44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 115.92 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

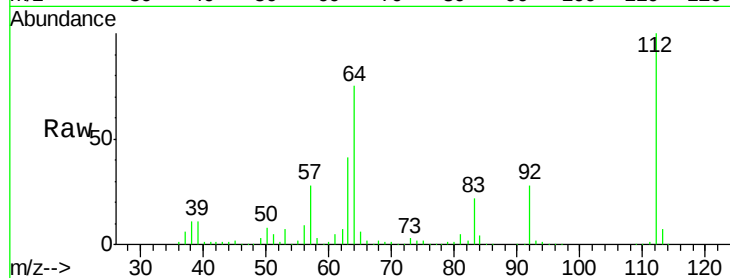
Tgt Ion: 112 Resp: 1081356

Ion Ratio Lower Upper

112 100

64 75.3 52.1 78.1

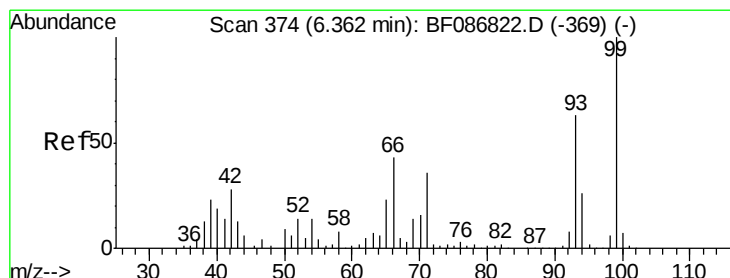
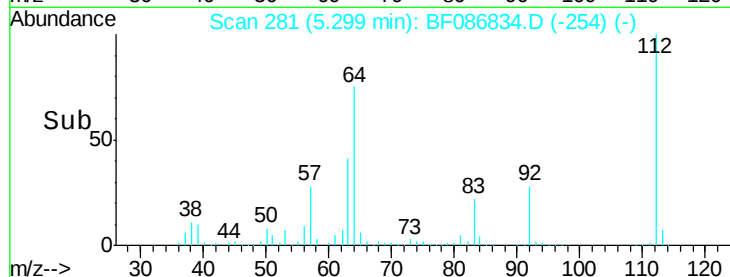
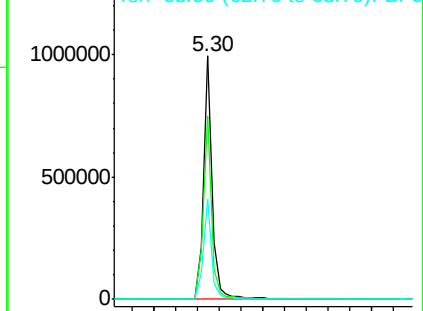
63 41.0 25.7 38.5#



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: 23.96 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

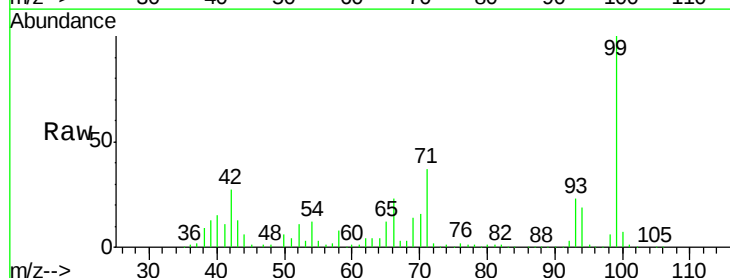
Tgt Ion: 93 Resp: 361324

Ion Ratio Lower Upper

93 100

66 103.2 39.0 58.6#

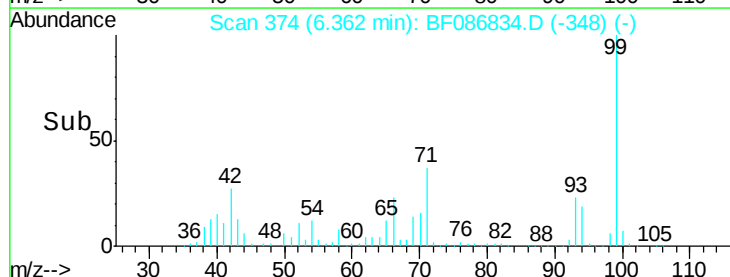
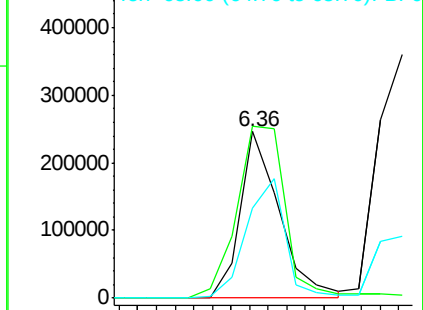
65 54.0 20.6 31.0#

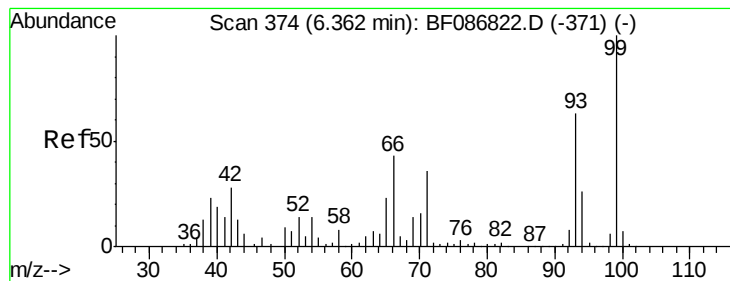


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.06 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

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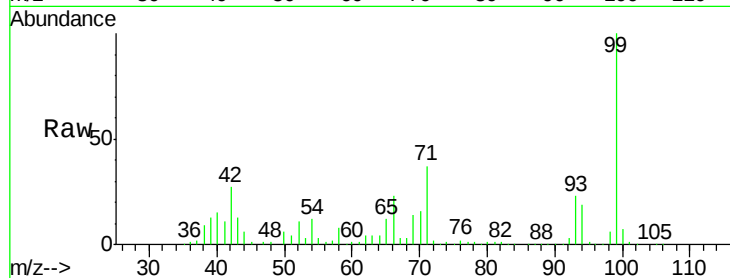
Tgt Ion: 99 Resp: 1559177

Ion Ratio Lower Upper

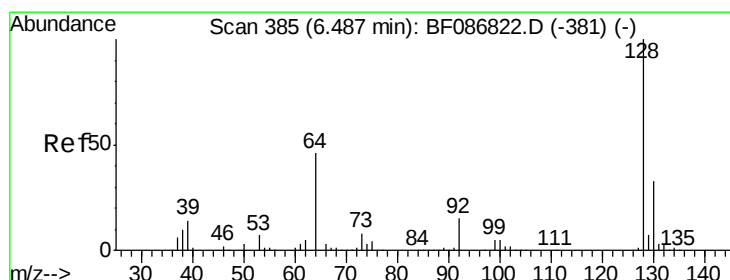
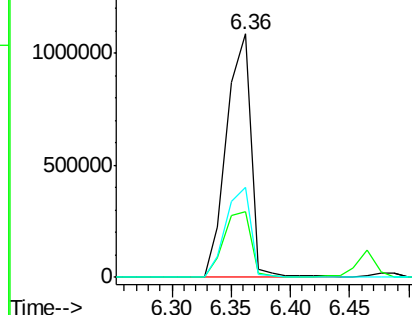
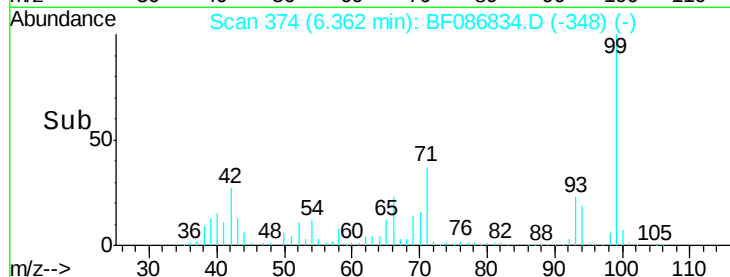
99 100

42 26.9 13.6 20.4#

71 36.9 24.6 36.8#



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



#8

2-Chlorophenol

Concen: 38.72 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

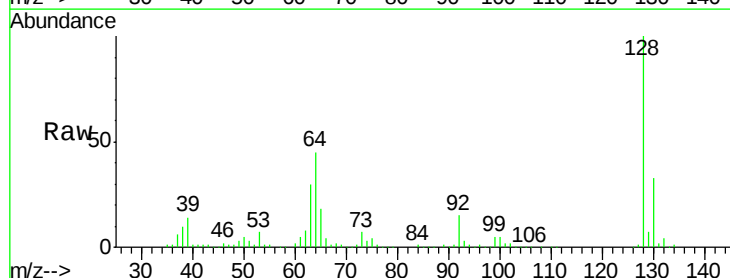
Tgt Ion: 128 Resp: 435847

Ion Ratio Lower Upper

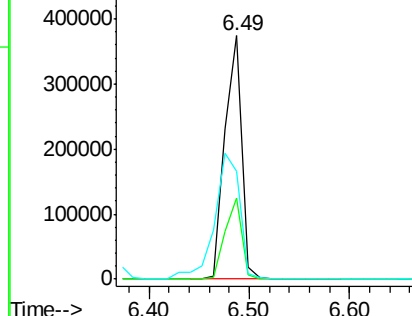
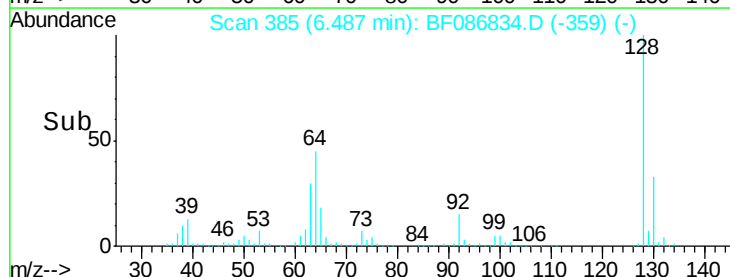
128 100

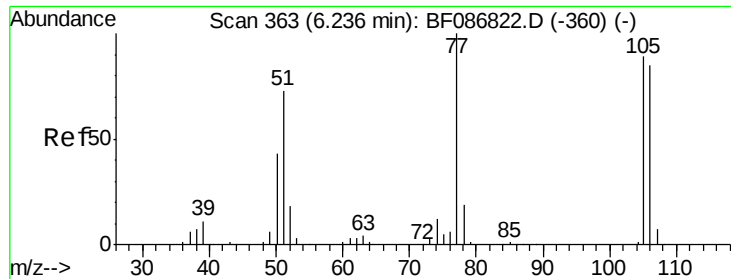
130 33.4 12.5 52.5

64 44.6 27.3 67.3



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





#9

Benzaldehyde

Concen: 6.38 ng

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

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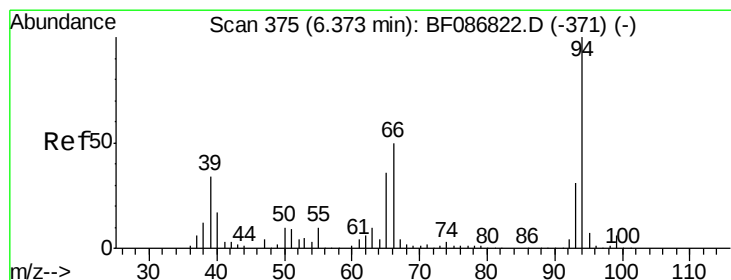
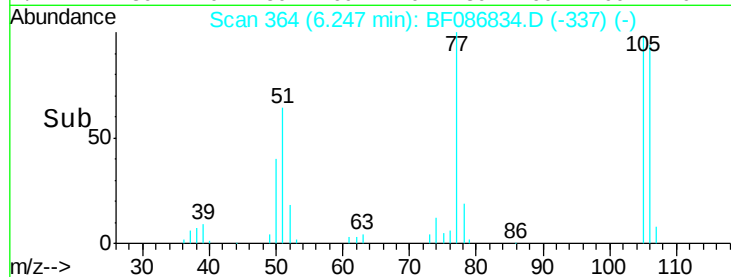
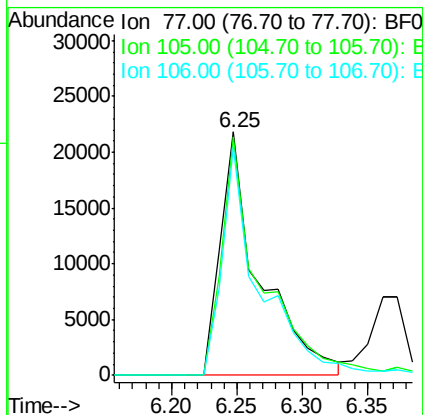
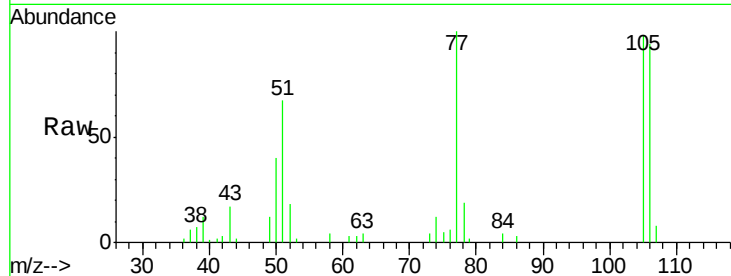
Tgt Ion: 77 Resp: 46092

Ion Ratio Lower Upper

77 100

105 98.1 72.7 112.7

106 93.7 70.8 110.8



#10

Phenol

Concen: 38.26 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

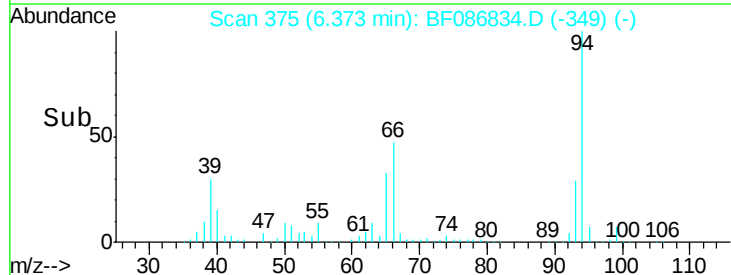
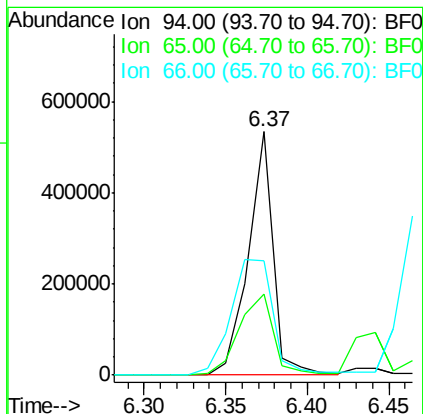
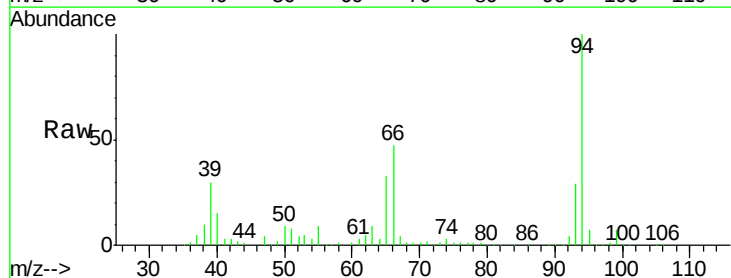
Tgt Ion: 94 Resp: 567026

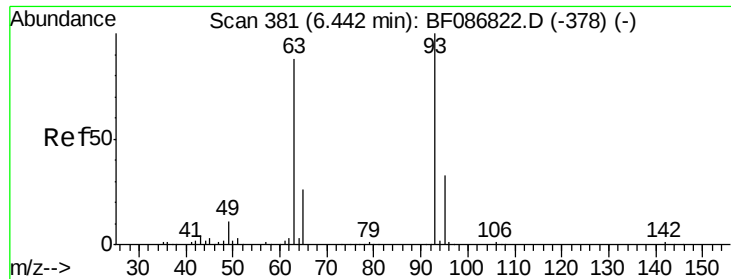
Ion Ratio Lower Upper

94 100

65 33.1 7.2 47.2

66 46.8 14.9 54.9

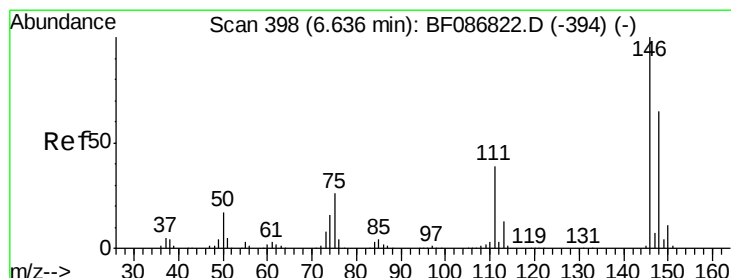
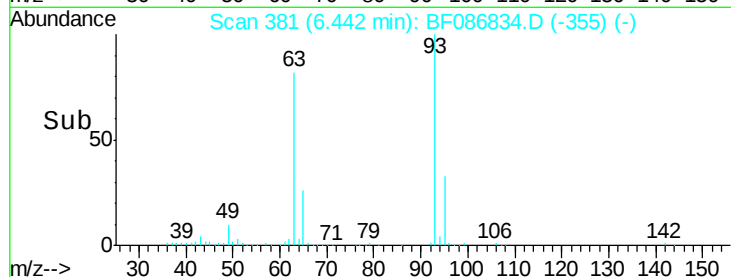
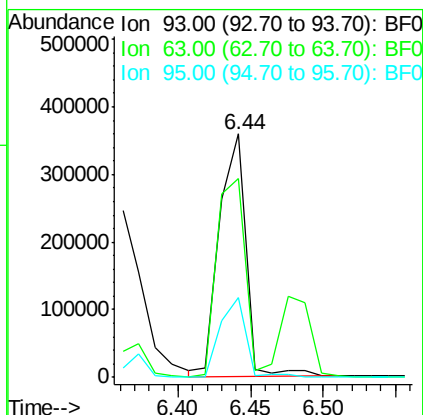
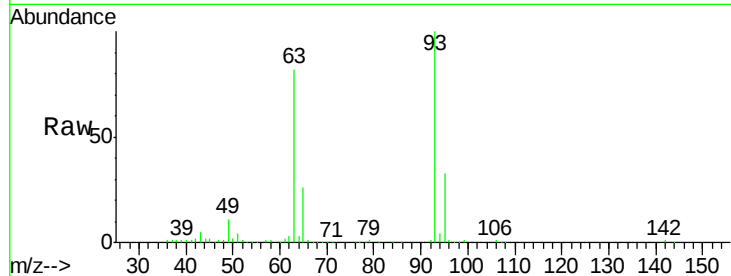




#11
bis(2-Chloroethyl)ether
Concen: 39.52 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

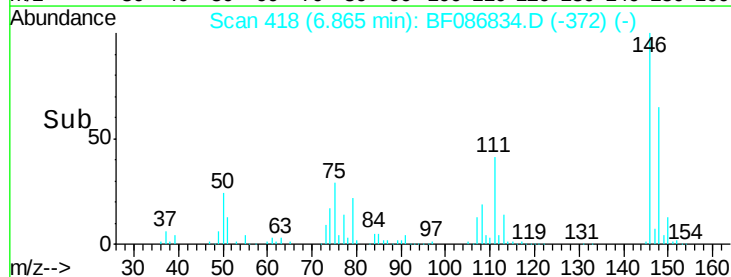
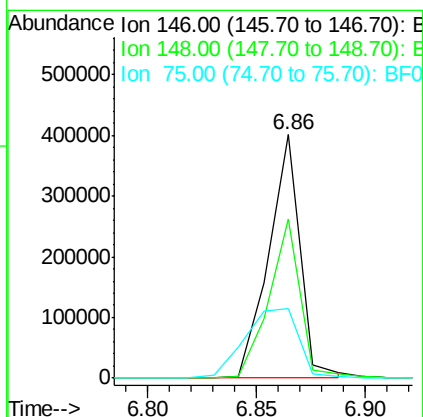
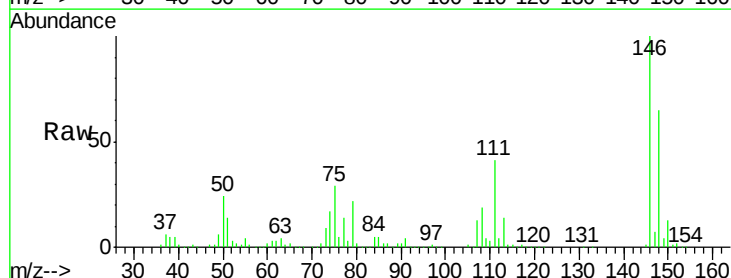
Instrument :
BNA_F
ClientSampleId :
PB90374BS

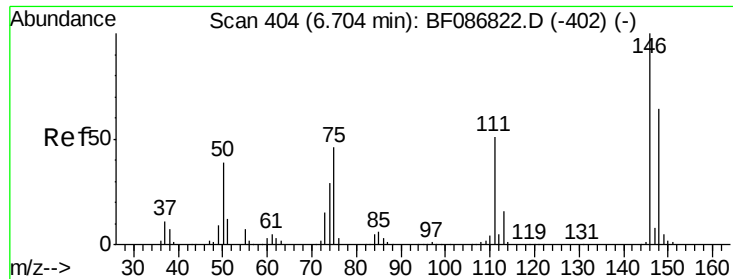
Tgt Ion: 93 Resp: 456609
Ion Ratio Lower Upper
93 100
63 81.6 58.0 98.0
95 32.9 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 33.19 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.23 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion: 146 Resp: 404250
Ion Ratio Lower Upper
146 100
148 65.4 52.4 78.6
75 28.8 22.8 34.2

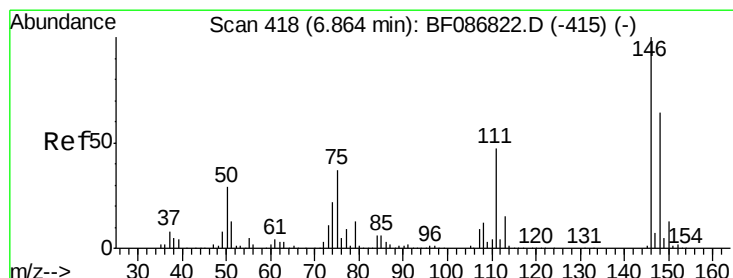
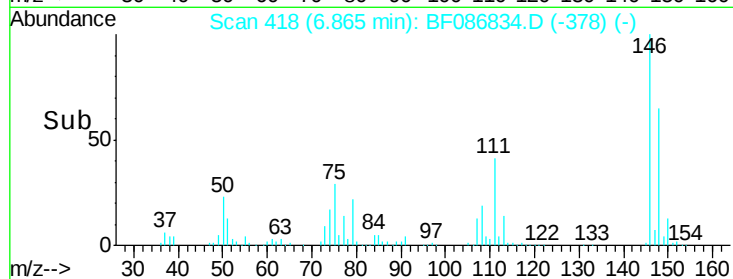
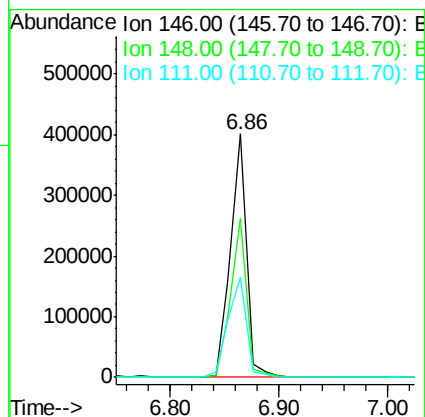
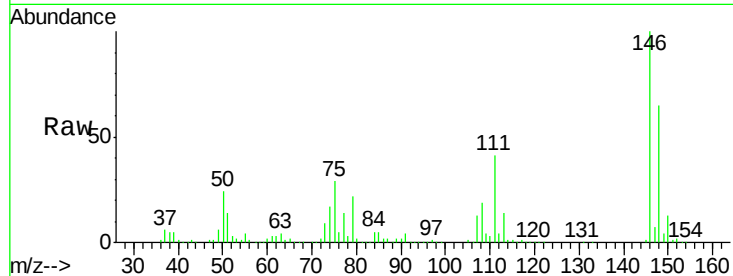




#13
 1,4-Dichlorobenzene
 Concen: 32.83 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.16 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

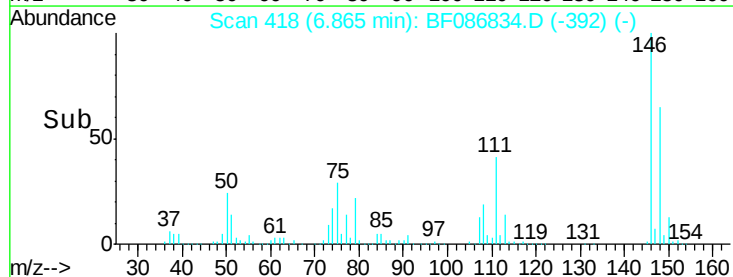
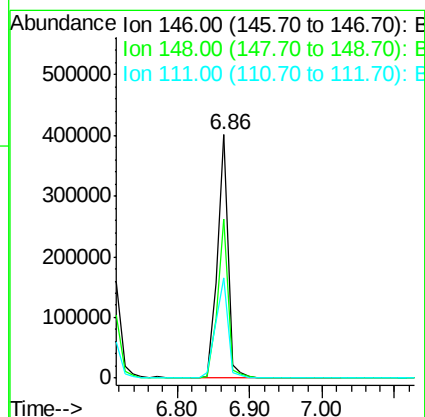
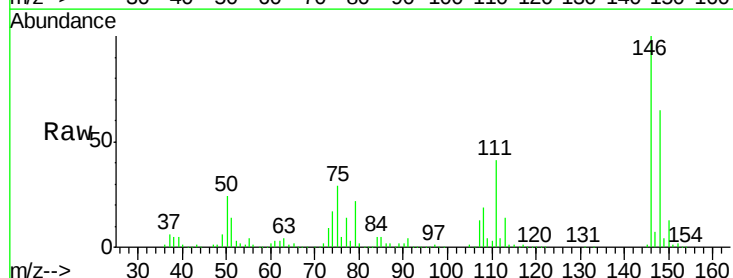
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

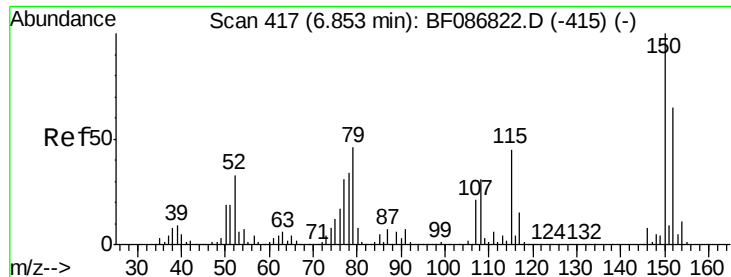
Tgt Ion:146 Resp: 407886
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.2 78.4
 111 41.4 30.7 46.1



#14
 1,2-Dichlorobenzene
 Concen: 38.09 ng
 RT: 6.86 min Scan# 418
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:146 Resp: 412379
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 41.4 36.2 54.4





#15

Benzyl Alcohol

Concen: 45.21 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

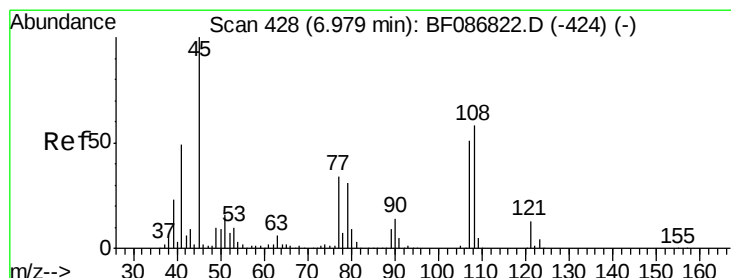
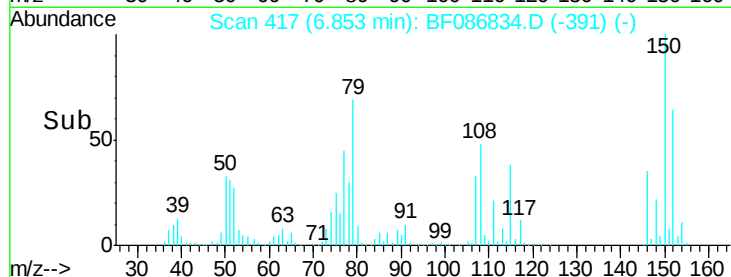
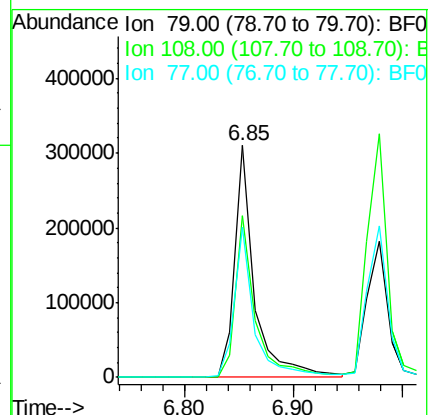
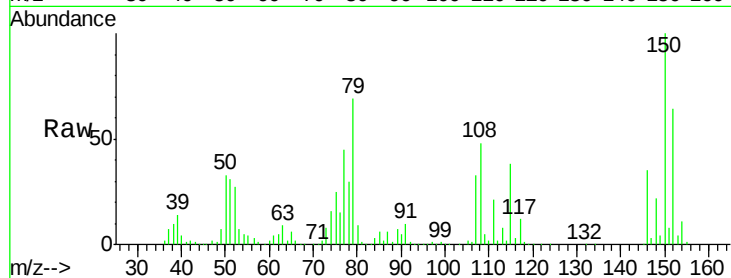
Tgt Ion: 79 Resp: 389224

Ion Ratio Lower Upper

79 100

108 69.7 68.4 102.6

77 64.7 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.39 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

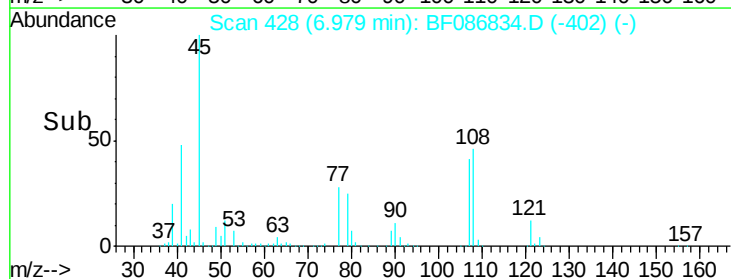
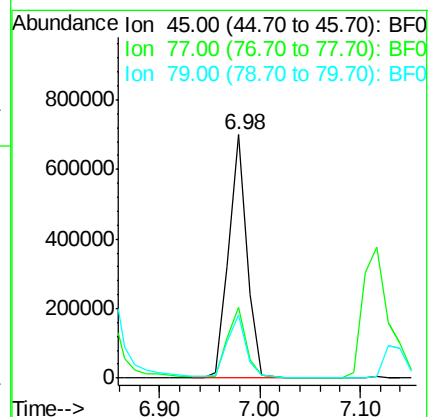
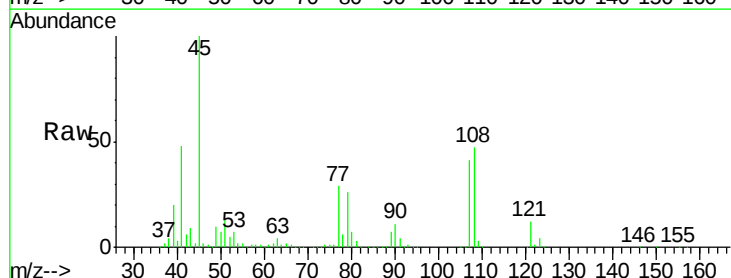
Tgt Ion: 45 Resp: 888983

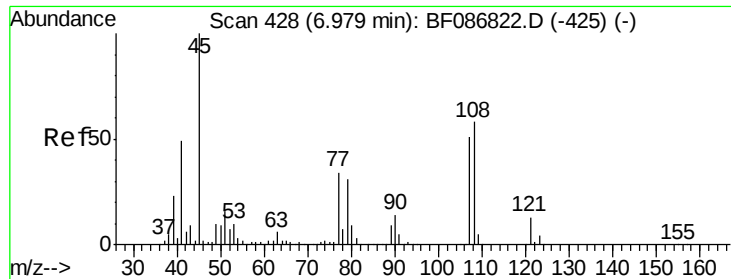
Ion Ratio Lower Upper

45 100

77 28.8 0.0 36.4

79 26.0 0.0 33.4

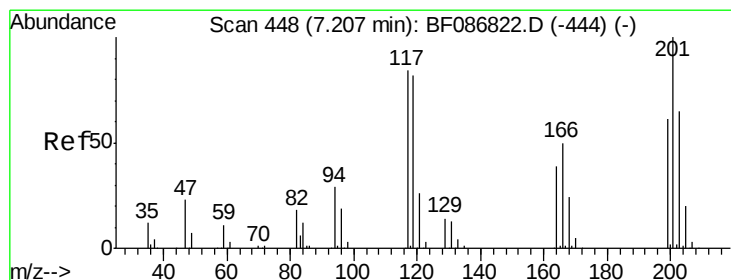
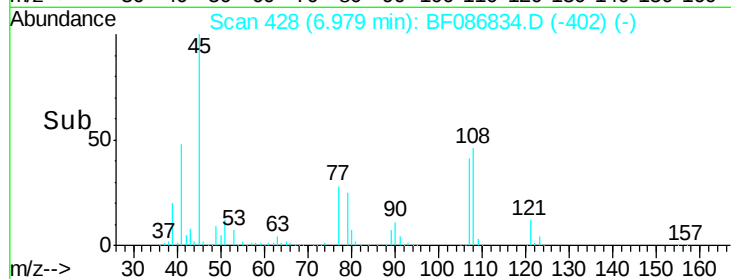
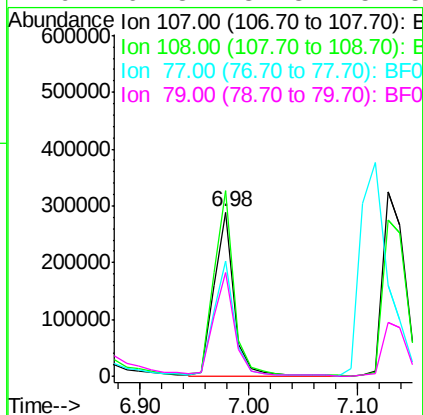
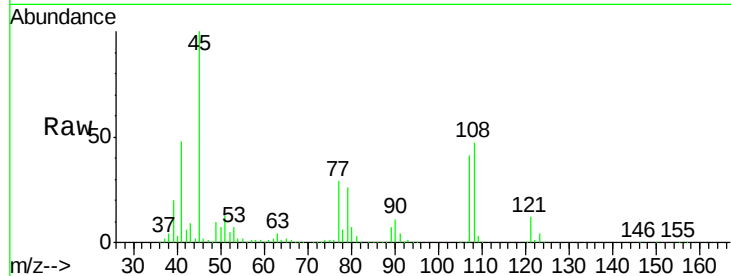




#17
2-Methylphenol
Concen: 40.83 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

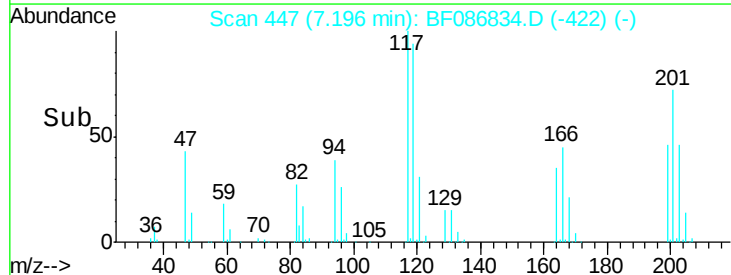
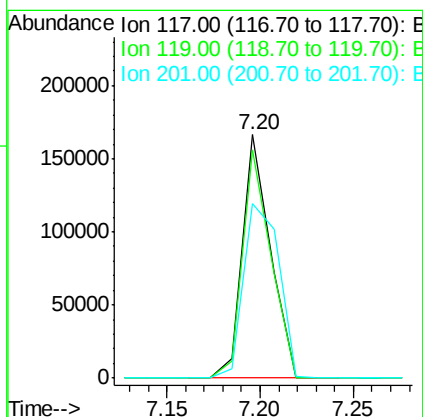
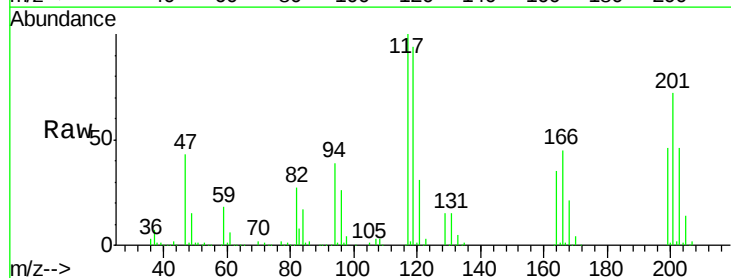
Instrument :
BNA_F
ClientSampleId :
PB90374BS

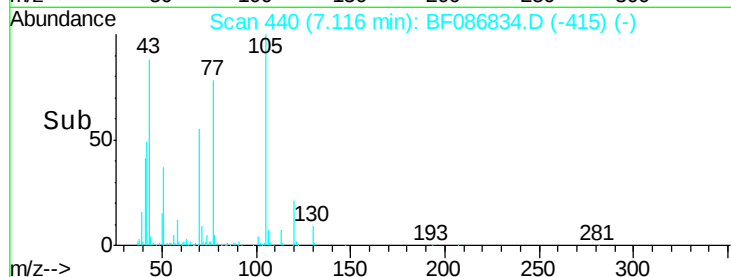
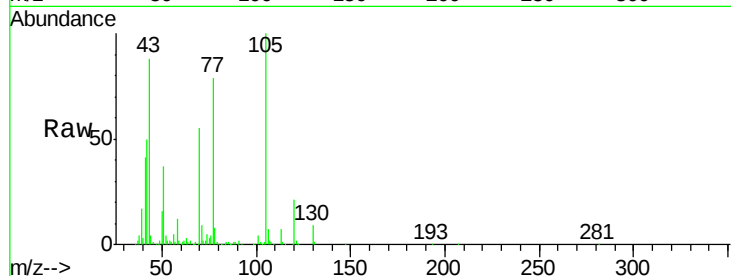
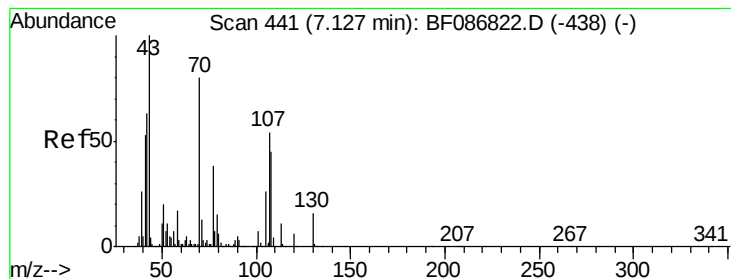
Tgt Ion:107 Resp: 365748
Ion Ratio Lower Upper
107 100
108 112.5 93.7 140.5
77 69.7 33.4 50.0#
79 62.8 34.3 51.5#



#18
Hexachloroethane
Concen: 36.97 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion:117 Resp: 172780
Ion Ratio Lower Upper
117 100
119 93.7 76.5 114.7
201 71.7 63.0 94.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.02 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

Tgt Ion: 70 Resp: 331261

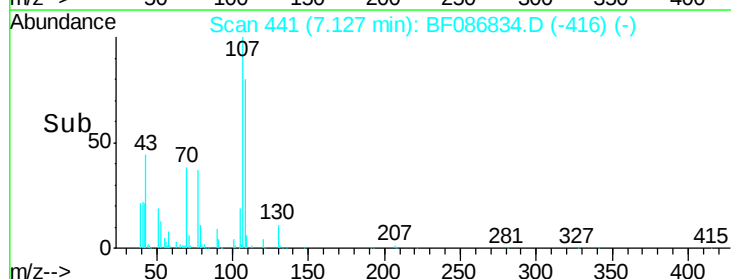
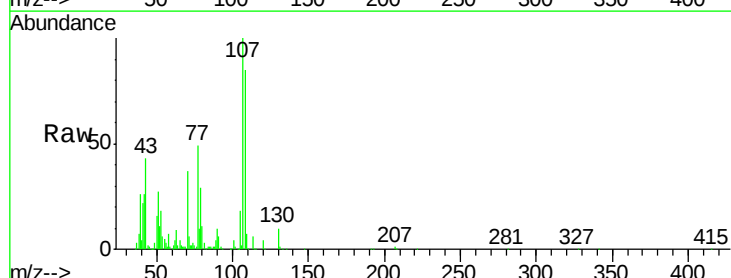
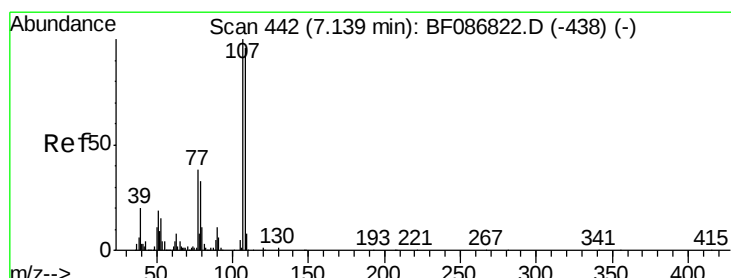
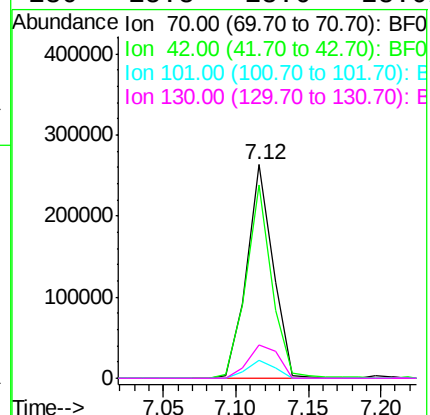
Ion Ratio Lower Upper

70 100

42 90.3 43.1 64.7#

101 8.1 8.1 12.1

130 15.8 18.6 28.0#



#20

3+4-Methylphenols

Concen: 42.22 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion: 107 Resp: 493867

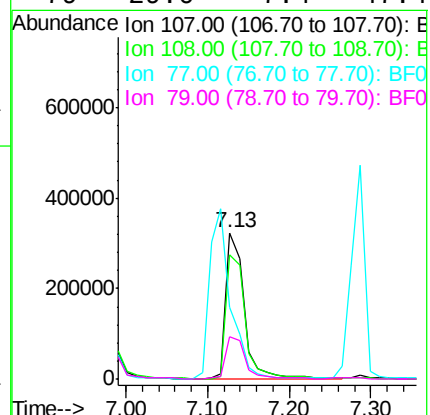
Ion Ratio Lower Upper

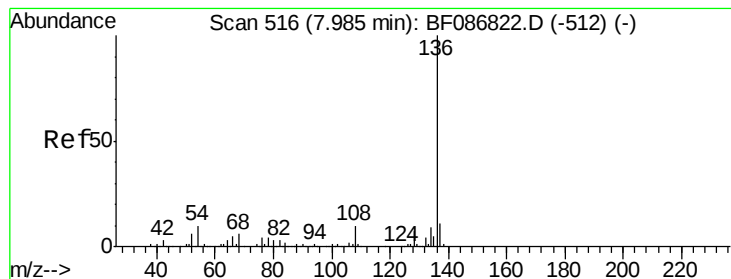
107 100

108 85.2 68.5 108.5

77 49.1 101.6 141.6#

79 29.0 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 515

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

Tgt Ion:136 Resp: 653345

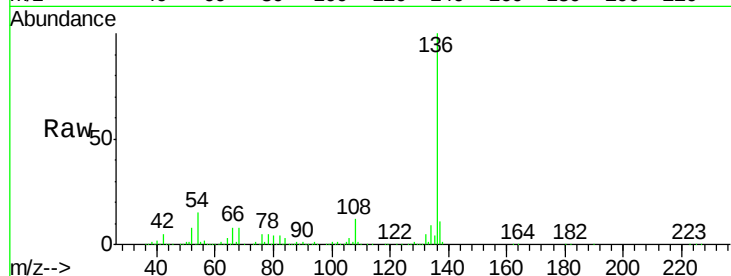
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.7 5.0 7.4#

68 7.8 4.4 6.6#

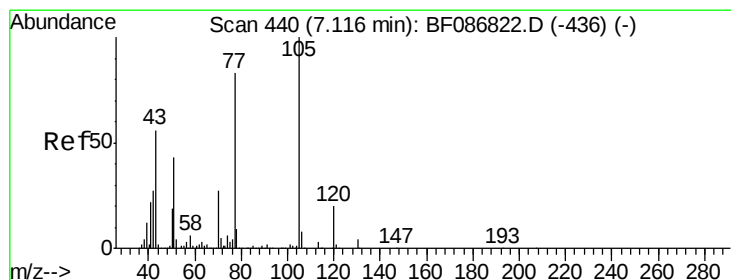
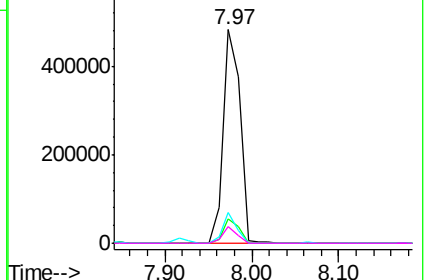
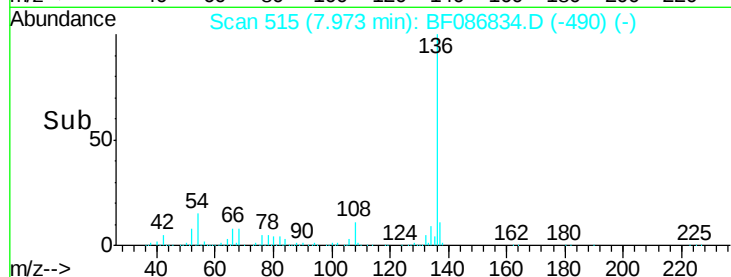


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.35 ng

RT: 7.12 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:105 Resp: 638060

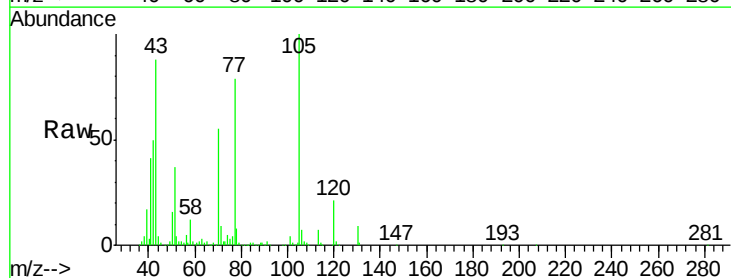
Ion Ratio Lower Upper

105 100

71 9.2 4.8 7.2#

51 37.1 32.6 49.0

120 21.0 16.5 24.7

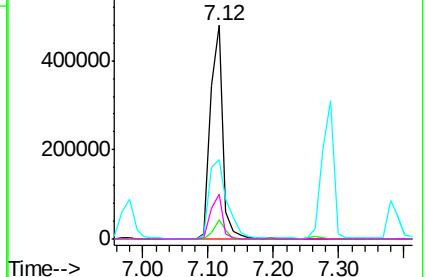
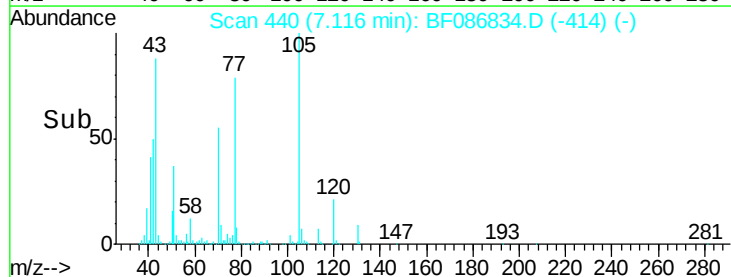


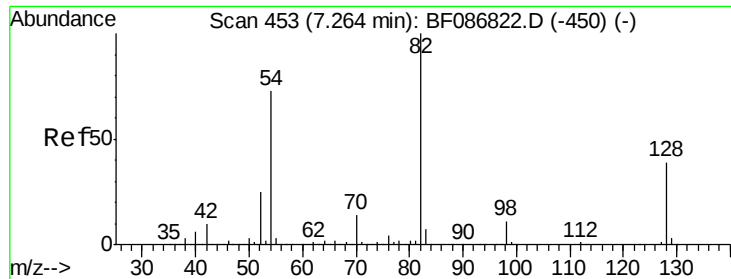
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

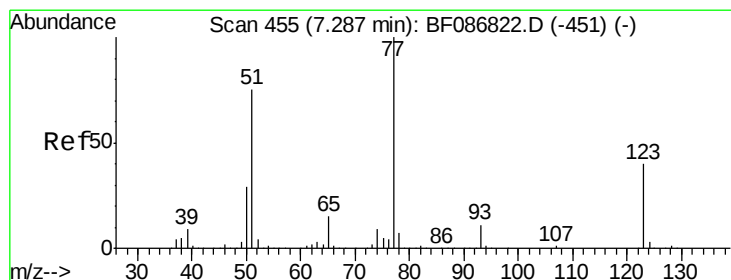
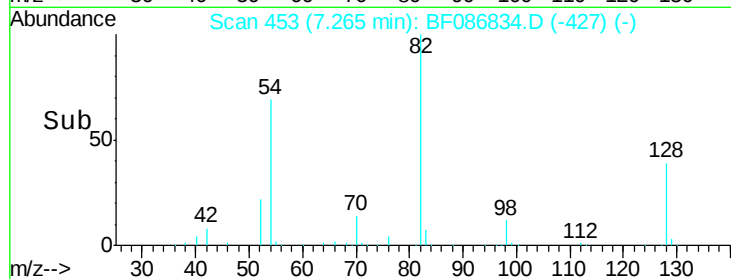
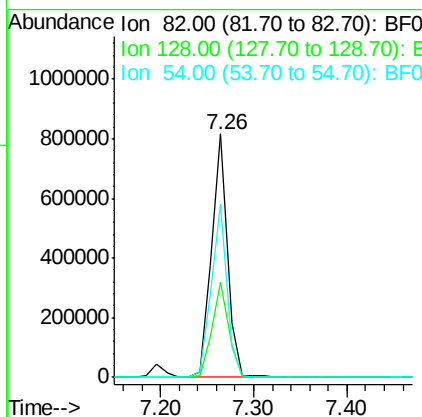
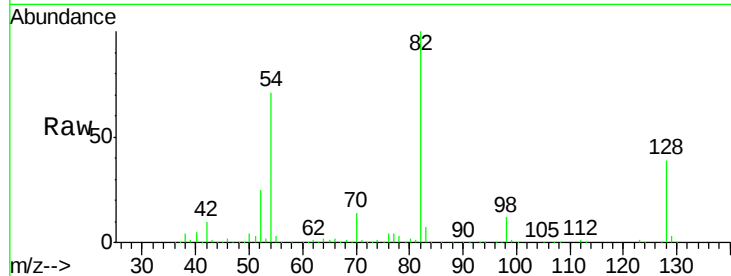




#23
 Nitrobenzene-d5
 Concen: 74.91 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

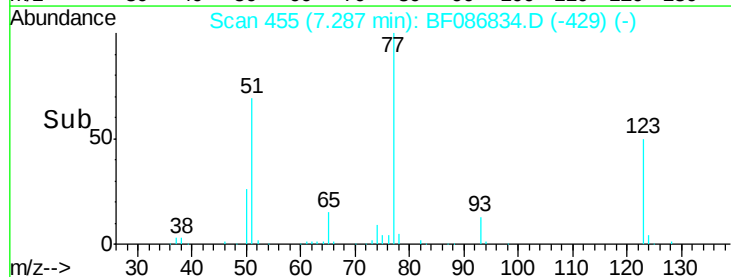
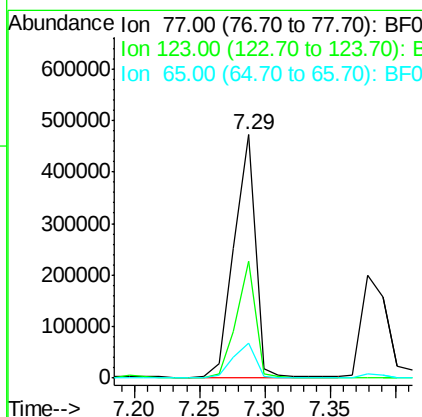
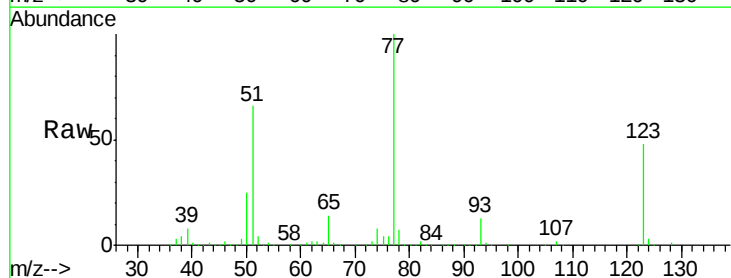
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

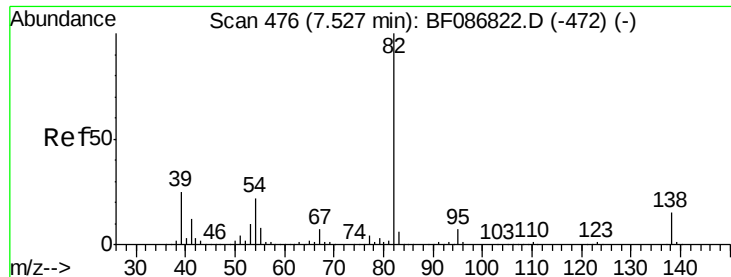
Tgt Ion: 82 Resp: 974754
 Ion Ratio Lower Upper
 82 100
 128 39.3 40.6 61.0#
 54 70.9 38.1 57.1#



#24
 Nitrobenzene
 Concen: 39.57 ng
 RT: 7.29 min Scan# 455
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion: 77 Resp: 529678
 Ion Ratio Lower Upper
 77 100
 123 48.0 33.0 49.4
 65 14.2 10.8 16.2





#25

Isophorone

Concen: 39.38 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

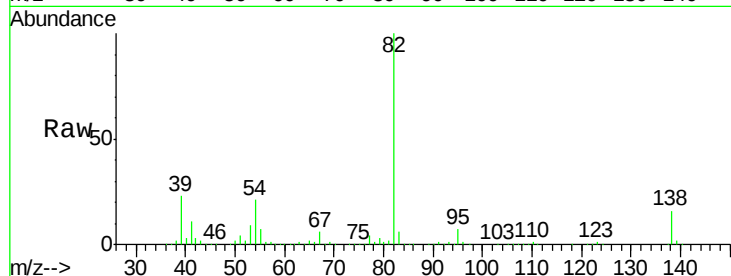
Tgt Ion: 82 Resp: 950760

Ion Ratio Lower Upper

82 100

95 7.1 5.1 7.7

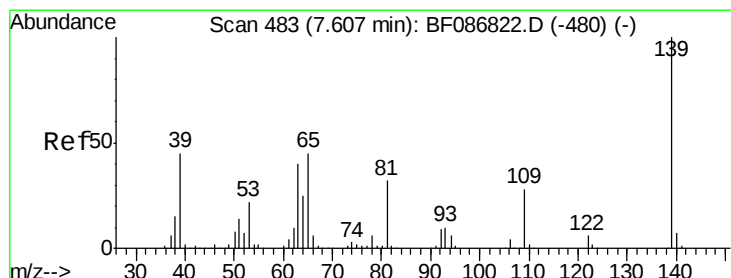
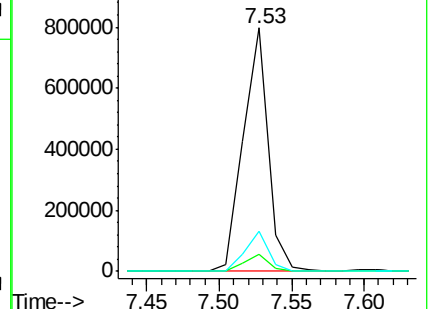
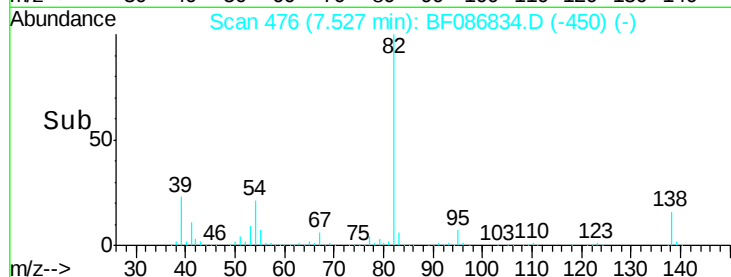
138 16.2 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 38.66 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

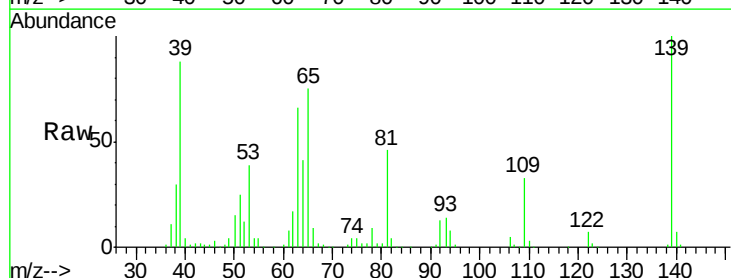
Tgt Ion: 139 Resp: 227450

Ion Ratio Lower Upper

139 100

109 32.9 19.5 29.3#

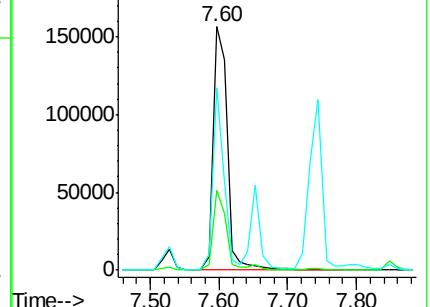
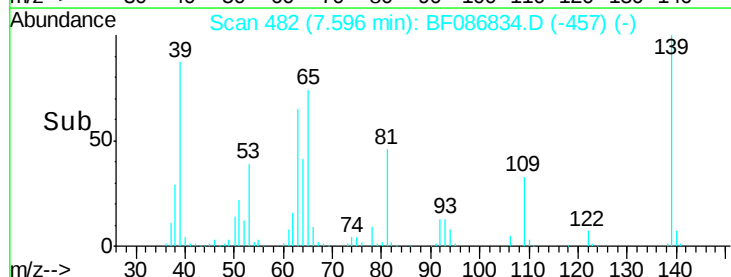
65 74.9 37.5 56.3#

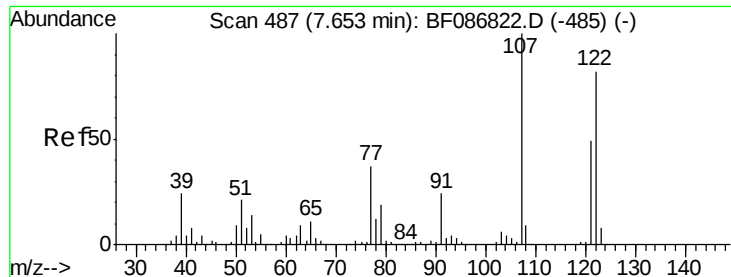


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 38.09 ng

RT: 7.65 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

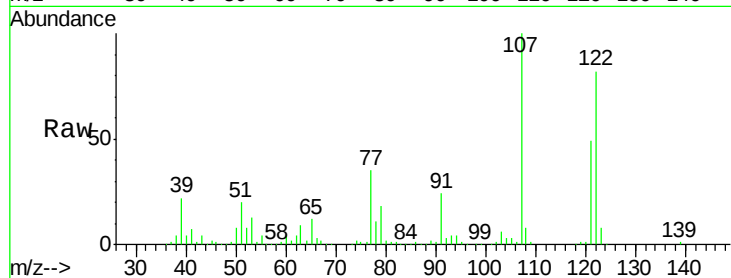
Tgt Ion:122 Resp: 381762

Ion Ratio Lower Upper

122 100

107 121.7 82.0 123.0

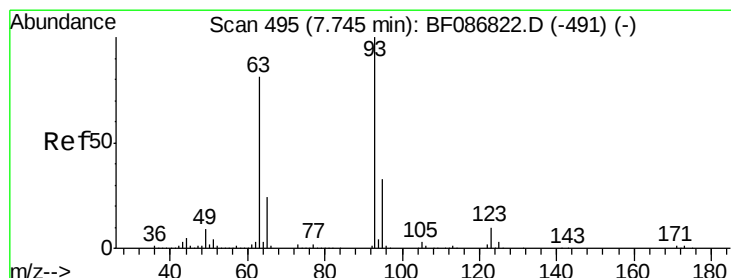
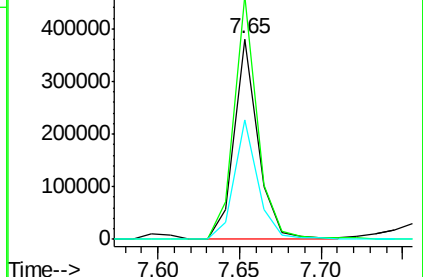
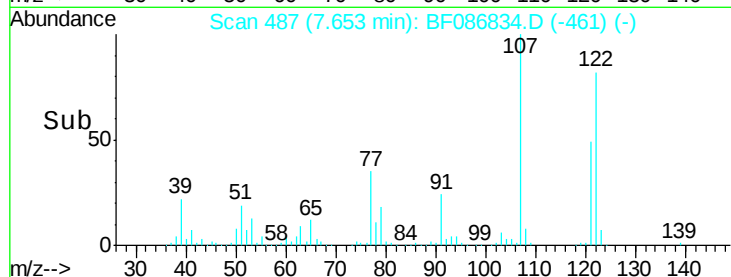
121 59.7 46.1 69.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.92 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

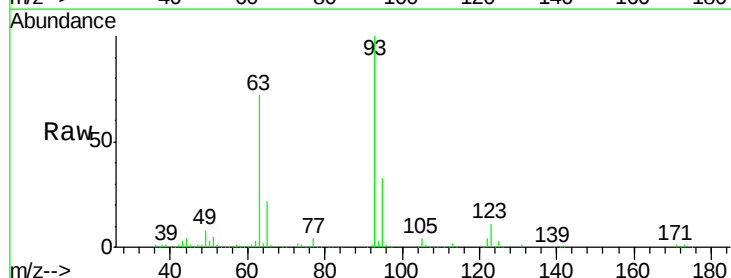
Tgt Ion: 93 Resp: 571911

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

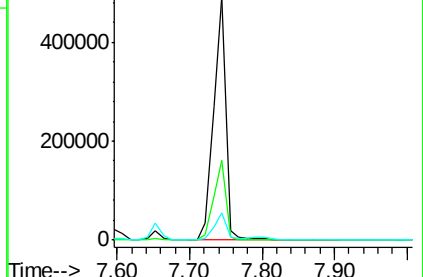
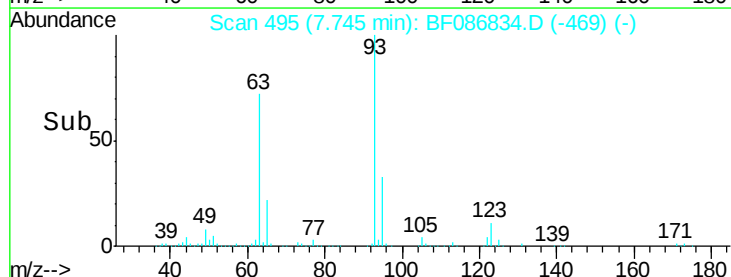
123 11.2 9.5 14.3

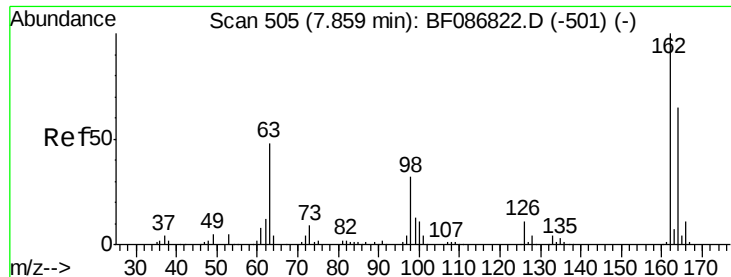


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

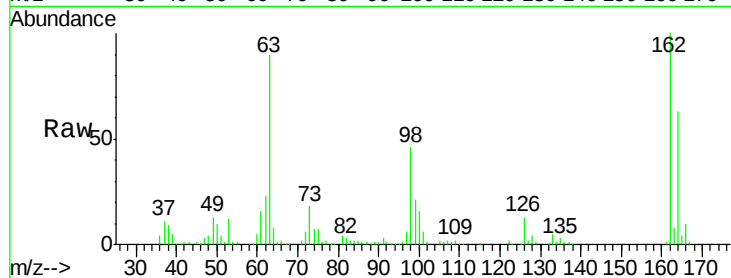




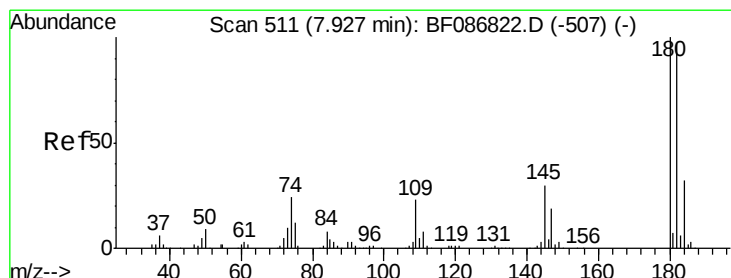
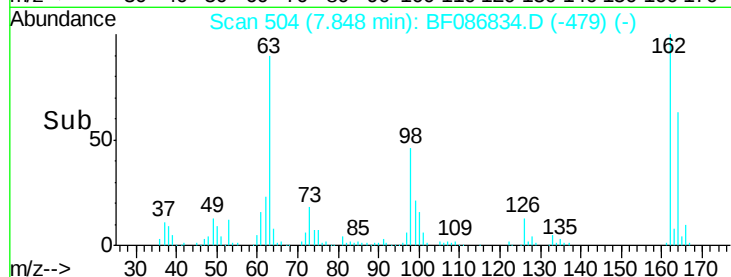
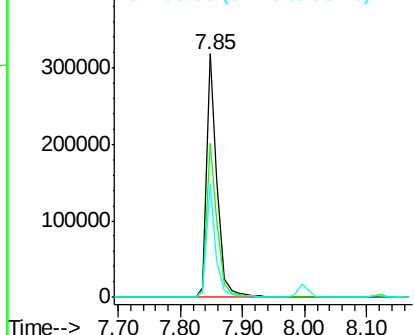
#29
 2,4-Dichlorophenol
 Concen: 41.68 ng
 RT: 7.85 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	42.2	82.2
98	46.4	19.0	59.0

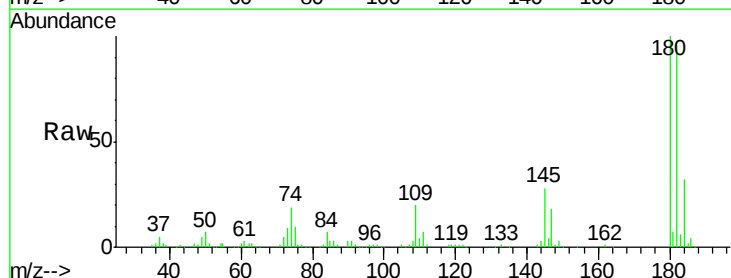


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

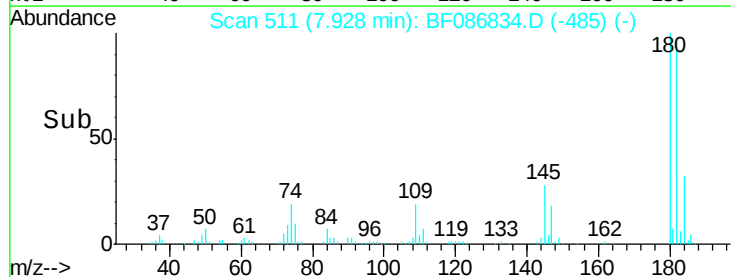
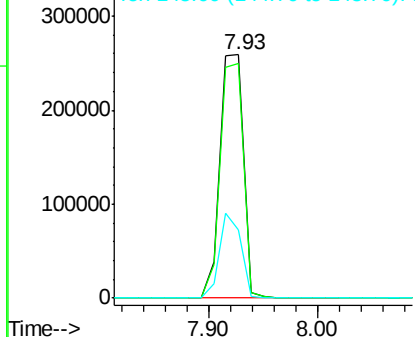


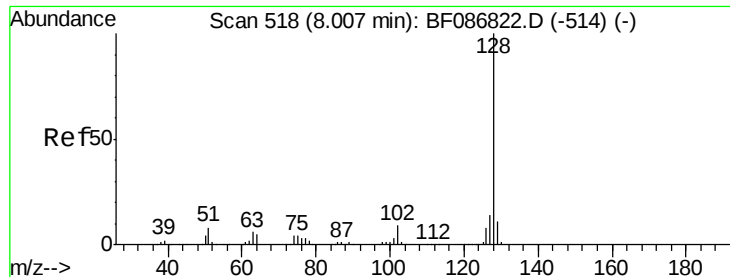
#30
 1,2,4-Trichlorobenzene
 Concen: 39.27 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	78.0	117.0
145	27.9	24.2	36.2



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

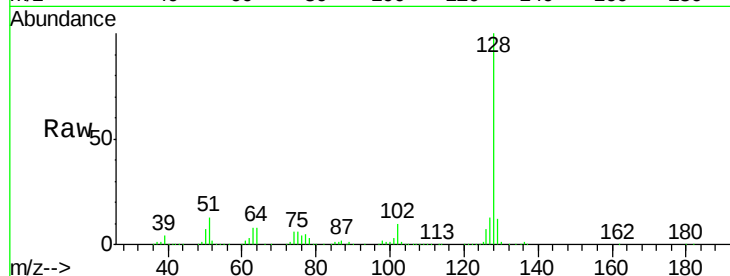




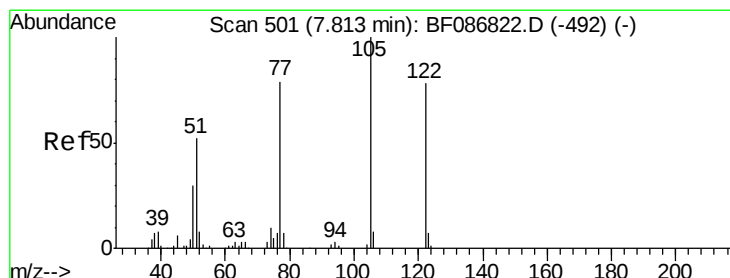
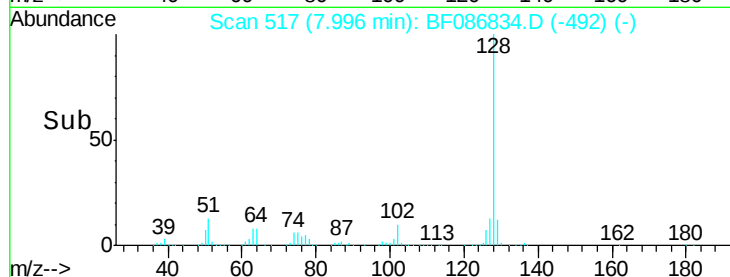
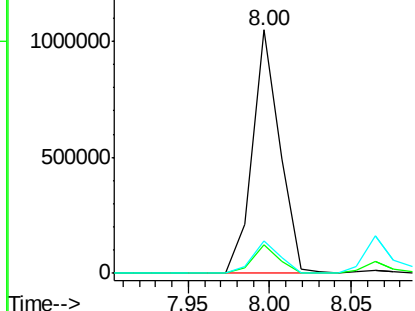
#31
Naphthalene
Concen: 37.48 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampled :
PB90374BS

Tgt Ion:128 Resp: 1226438
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.3 10.8 16.2

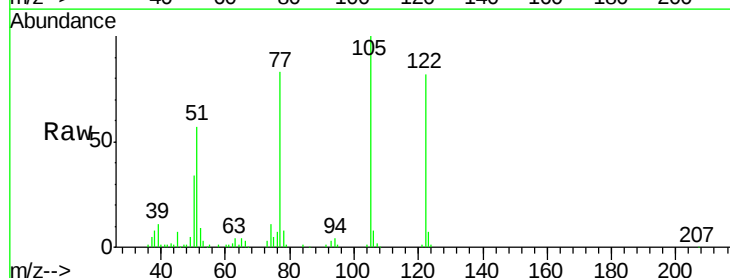


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

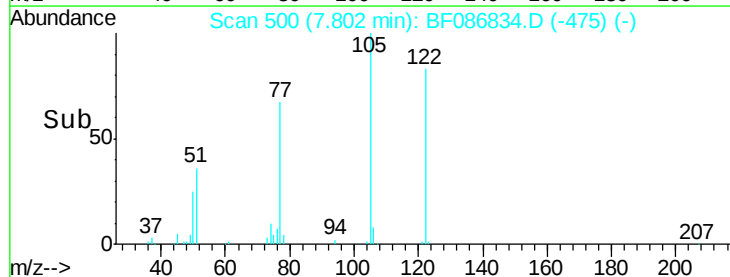
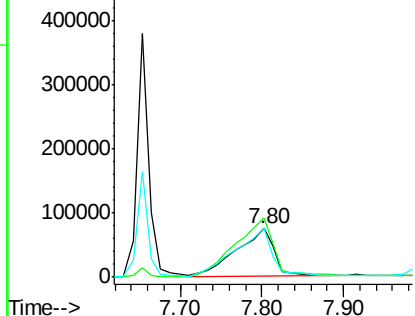


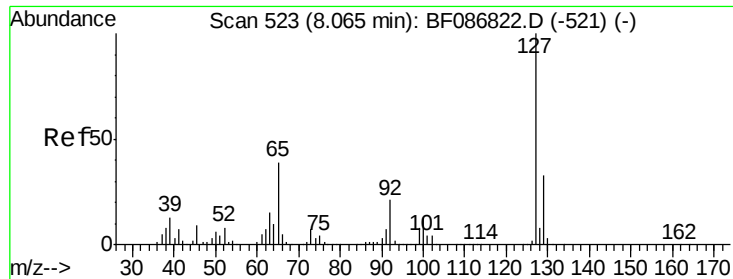
#32
Benzoic acid
Concen: 40.45 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion:122 Resp: 238094
Ion Ratio Lower Upper
122 100
105 122.6 92.6 132.6
77 102.3 60.0 100.0#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

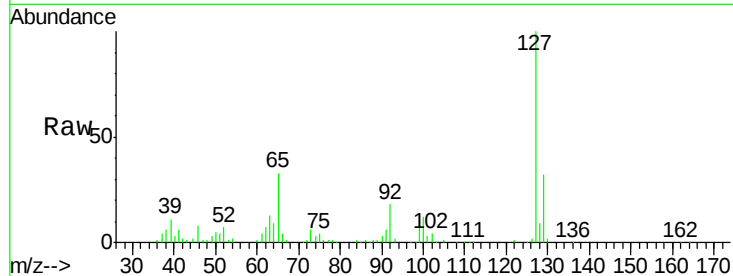




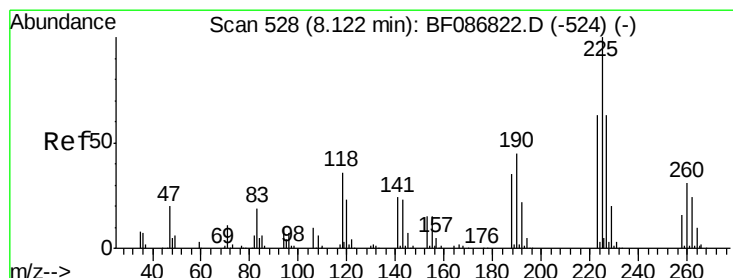
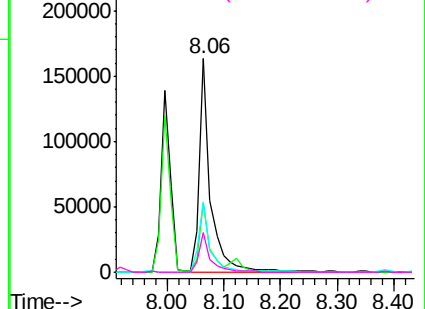
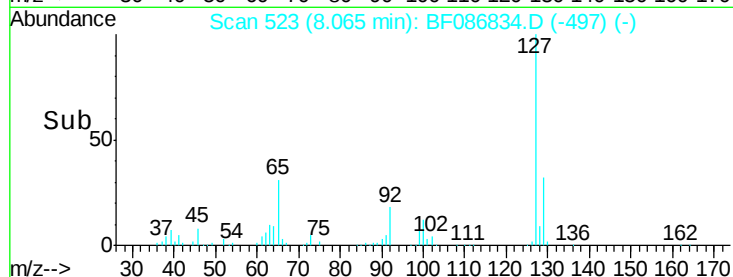
#33
 4-Chloroaniline
 Concen: 17.20 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion:	127	Resp:	218729
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.4
65	32.7	23.0	34.4
92	18.5	15.1	22.7

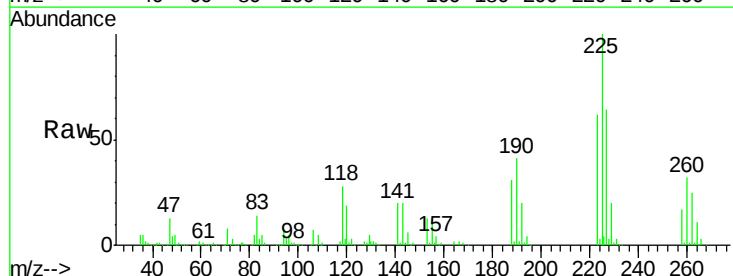


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

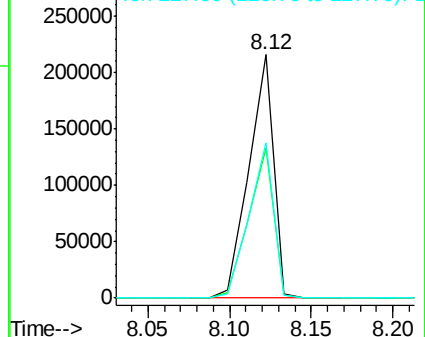
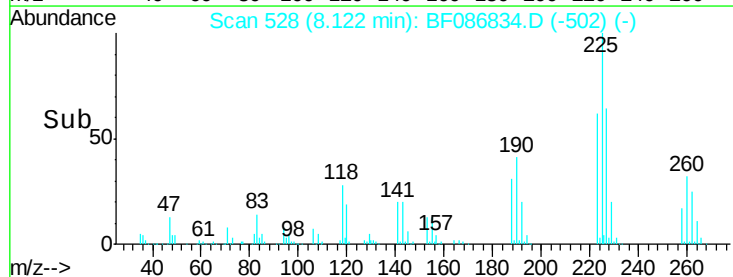


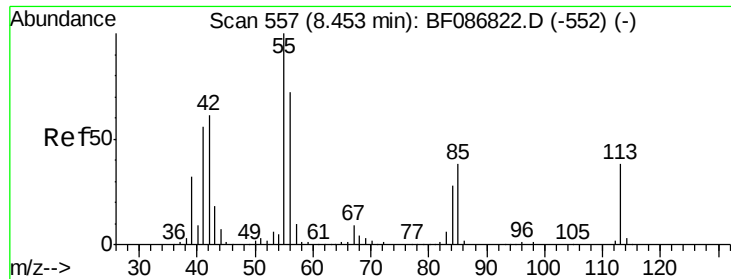
#34
 Hexachlorobutadiene
 Concen: 39.50 ng
 RT: 8.12 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:	225	Resp:	226049
Ion	Ratio	Lower	Upper
225	100		
223	61.8	51.5	77.3
227	63.7	52.2	78.2



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





#35

Caprolactam

Concen: 27.66 ng

RT: 8.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

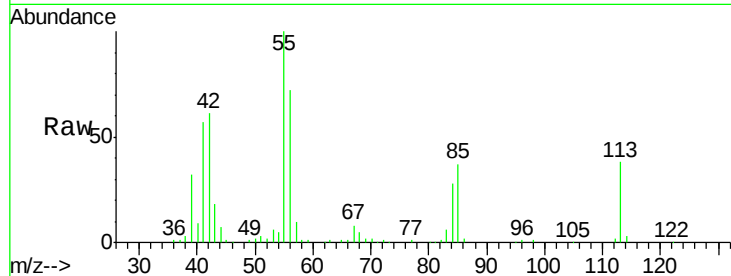
Tgt Ion:113 Resp: 83016

Ion Ratio Lower Upper

113 100

55 265.5 162.0 202.0#

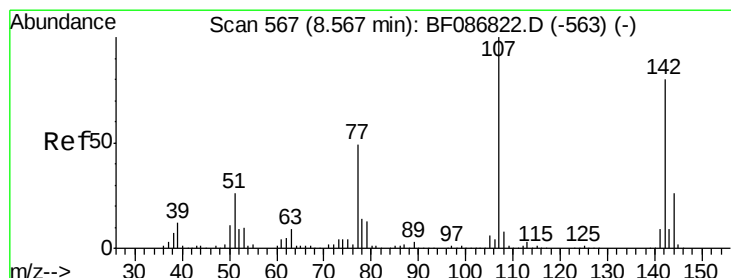
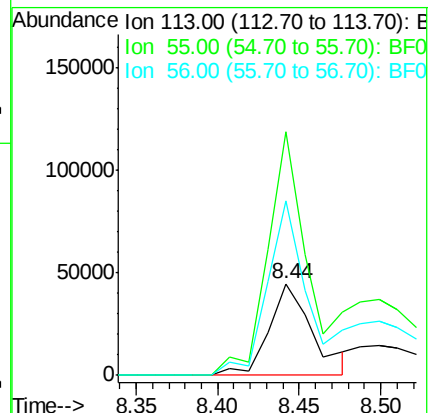
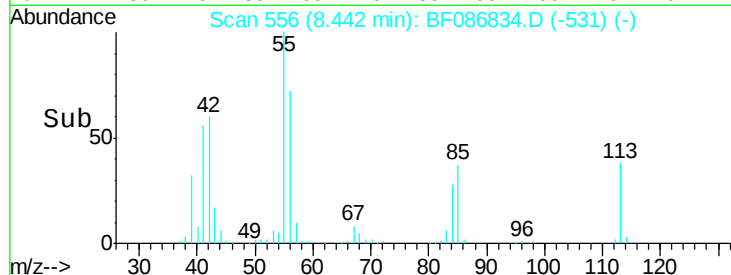
56 190.0 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.72 ng

RT: 8.57 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

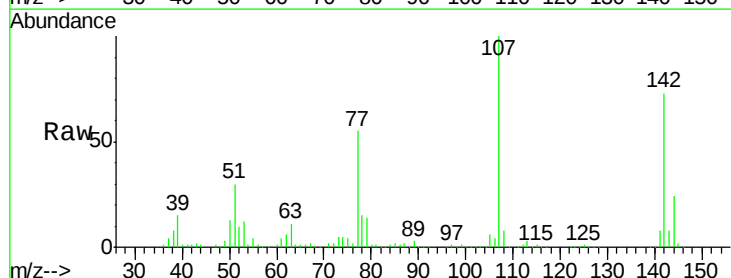
Tgt Ion:107 Resp: 457022

Ion Ratio Lower Upper

107 100

144 23.7 20.7 31.1

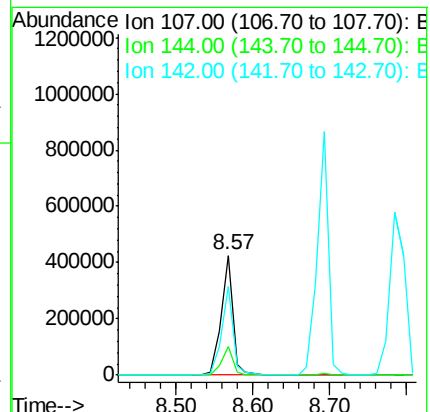
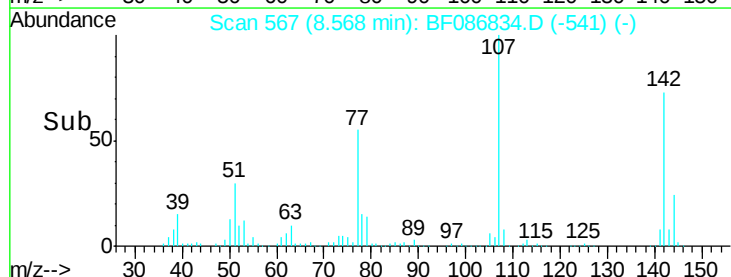
142 73.5 63.2 94.8

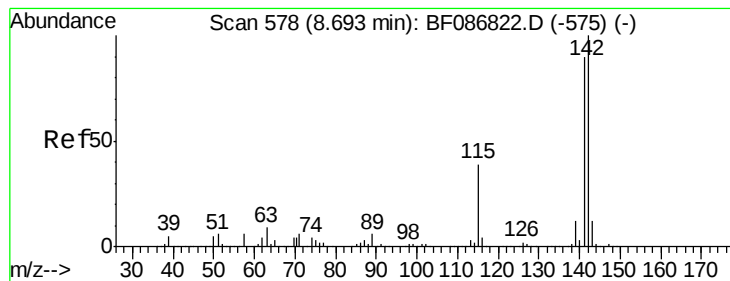


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

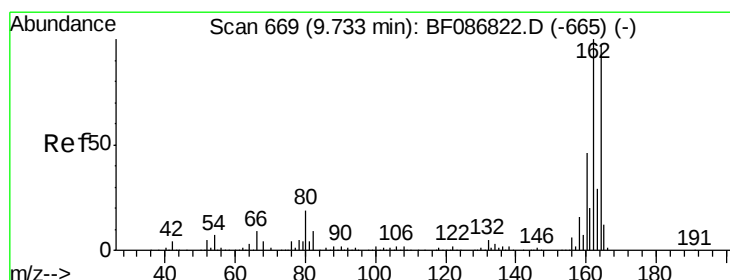
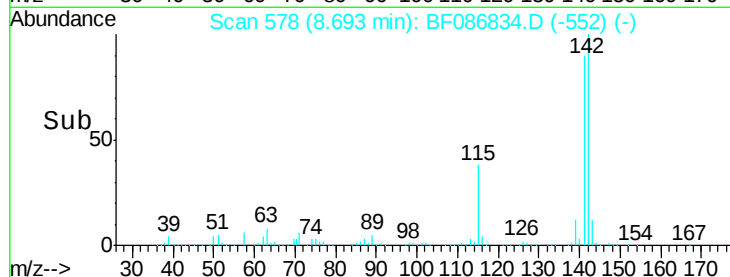
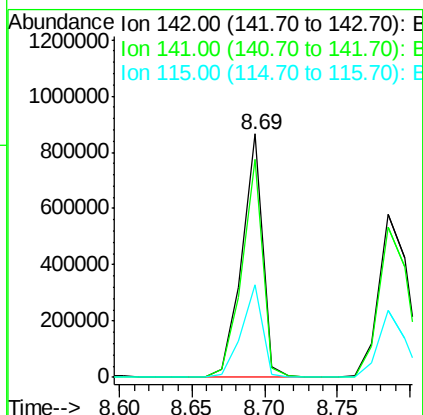
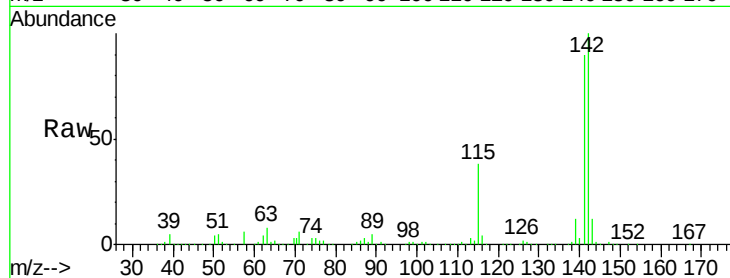




#37
 2-Methylnaphthalene
 Concen: 45.17 ng
 RT: 8.69 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

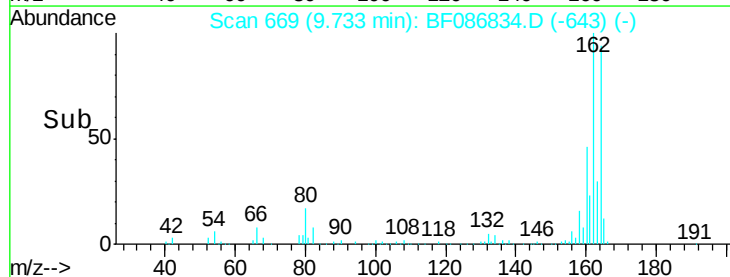
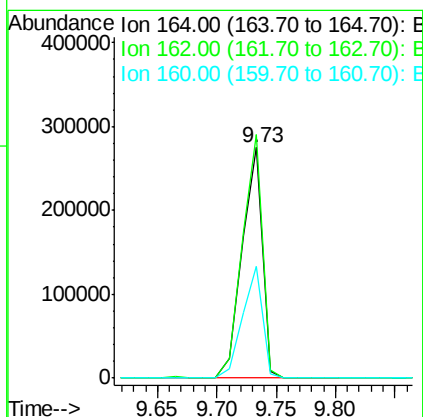
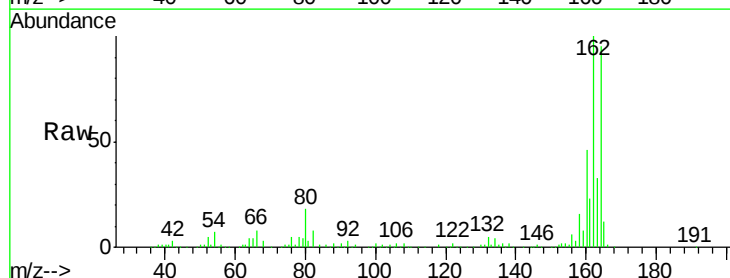
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

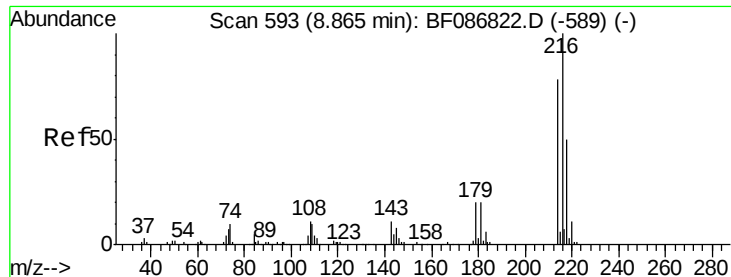
Tgt Ion:142 Resp: 864102
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 37.8 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:164 Resp: 327323
 Ion Ratio Lower Upper
 164 100
 162 105.7 82.8 124.2
 160 48.7 36.9 55.3

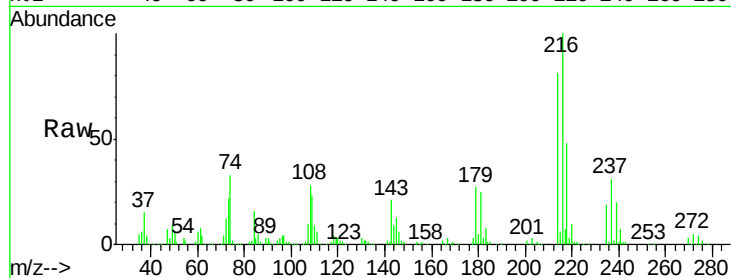




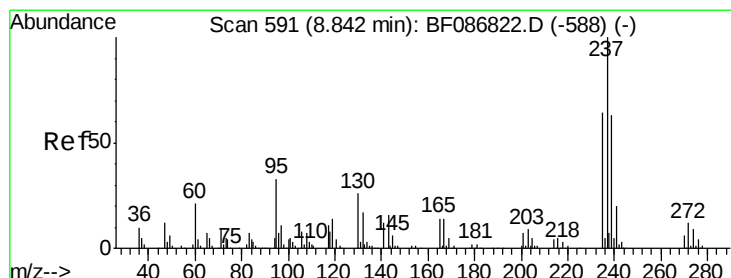
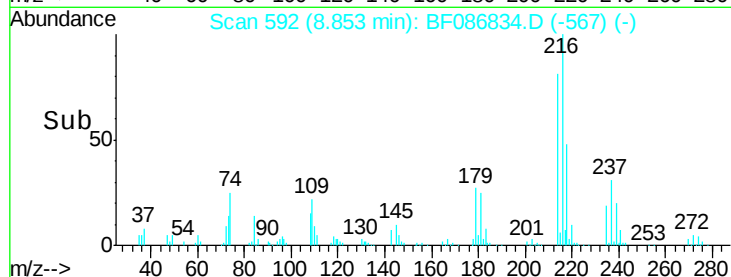
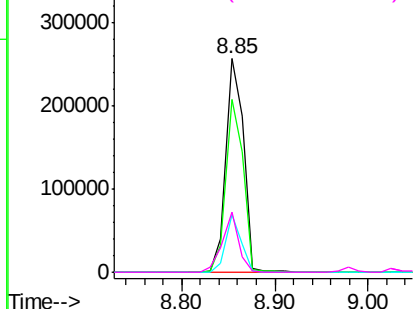
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.68 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion:	216	Resp:	339583
Ion	Ratio	Lower	Upper
216	100		
214	79.3	62.6	93.8
179	23.2	18.2	27.4
108	25.9	17.5	26.3

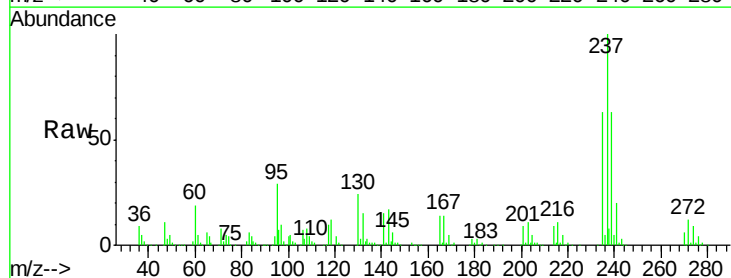


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

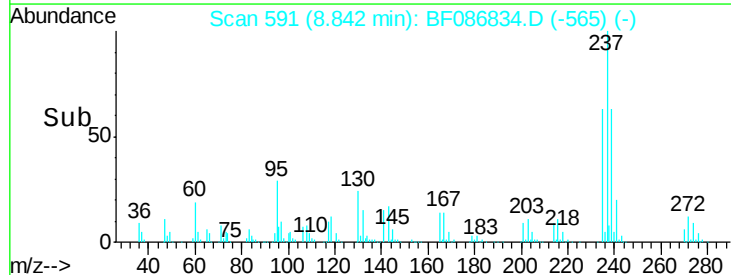
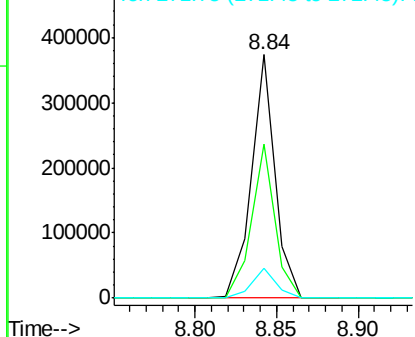


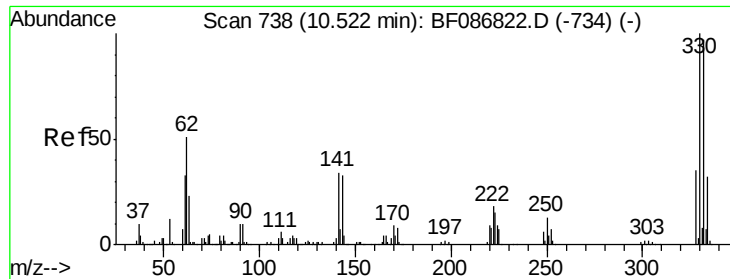
#40
 Hexachlorocyclopentadiene
 Concen: 83.31 ng
 RT: 8.84 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:	237	Resp:	376308
Ion	Ratio	Lower	Upper
237	100		
235	63.4	47.2	87.2
272	12.2	0.0	31.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

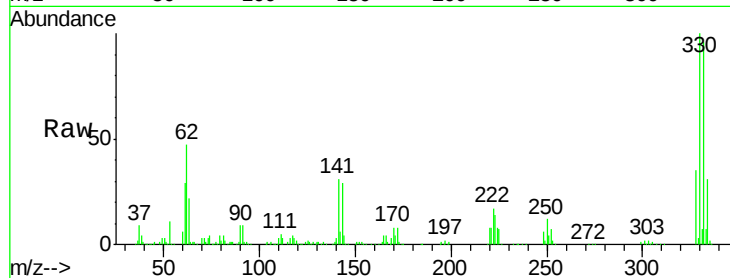




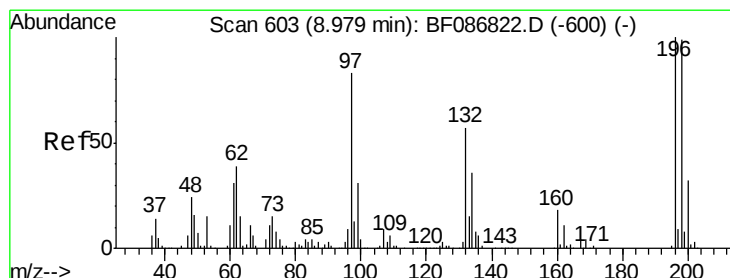
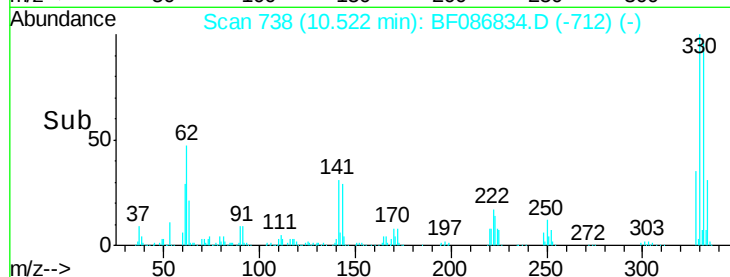
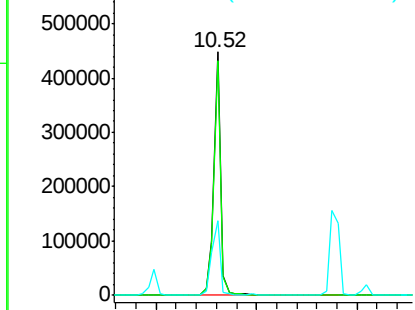
#41
 2,4,6-Tribromophenol
 Concen: 122.71 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion:330 Resp: 425225
 Ion Ratio Lower Upper
 330 100
 332 96.2 79.0 118.4
 141 37.8 31.2 46.8

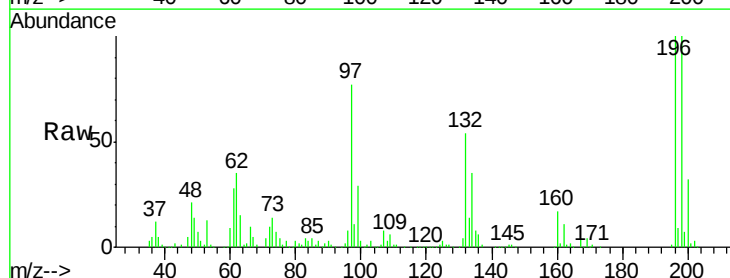


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

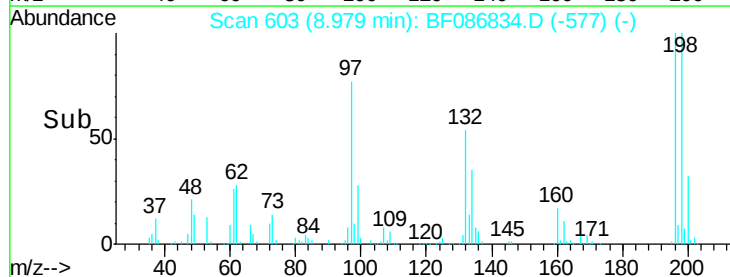
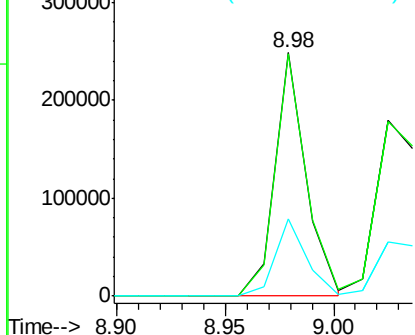


#42
 2,4,6-Trichlorophenol
 Concen: 39.35 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:196 Resp: 250442
 Ion Ratio Lower Upper
 196 100
 198 99.6 74.7 112.1
 200 31.5 23.8 35.6



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

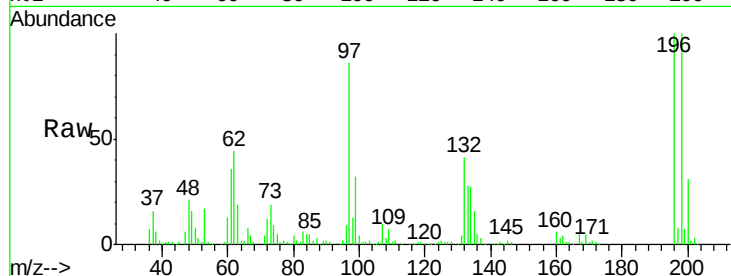




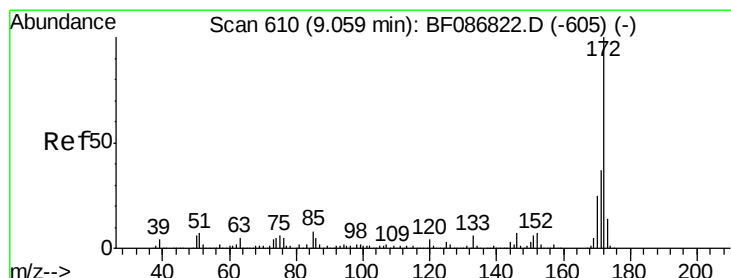
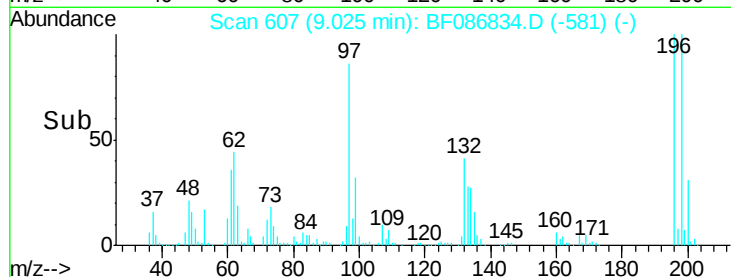
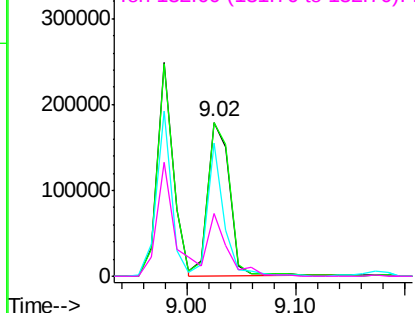
#43
 2,4,5-Trichlorophenol
 Concen: 38.45 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion:196 Resp: 253069
 Ion Ratio Lower Upper
 196 100
 198 99.8 77.5 116.3
 97 86.3 34.8 52.2#
 132 41.0 23.0 34.4#

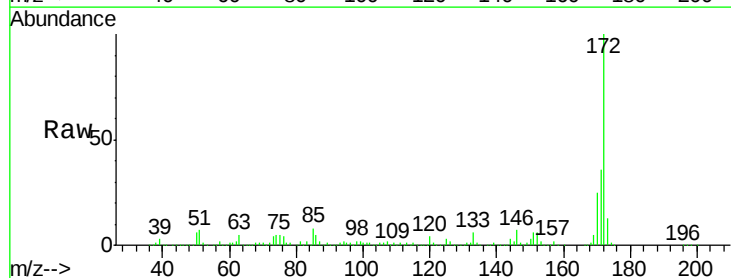


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

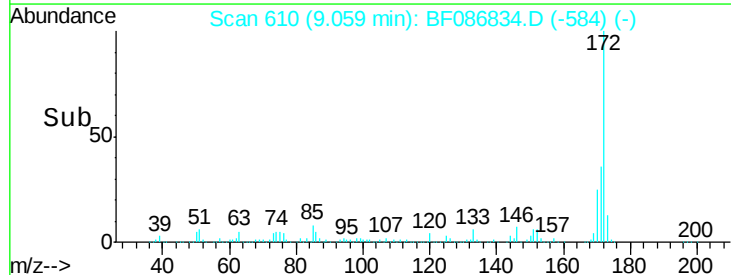
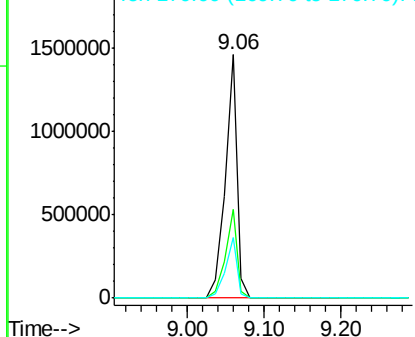


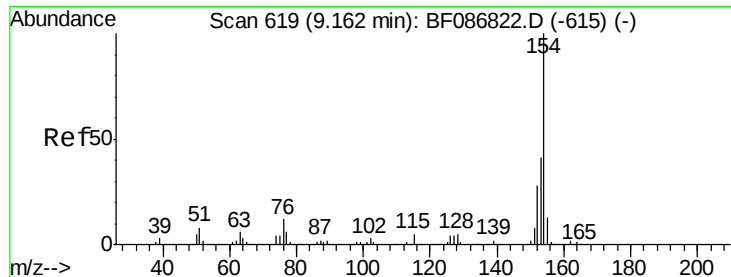
#44
 2-Fluorobiphenyl
 Concen: 81.14 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:172 Resp: 1580265
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.8 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 41.03 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

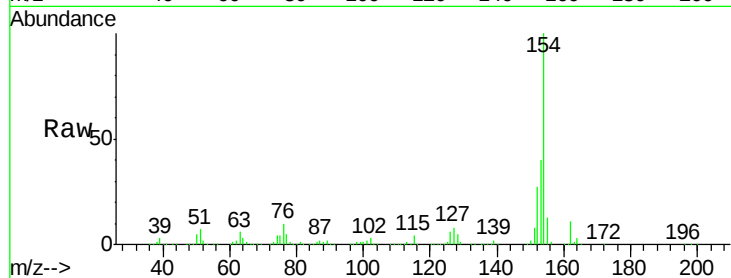
Tgt Ion:154 Resp: 1068131

Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

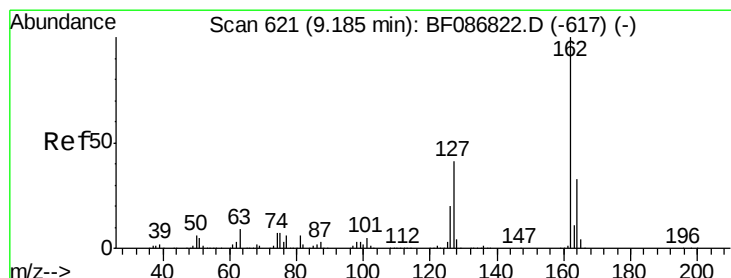
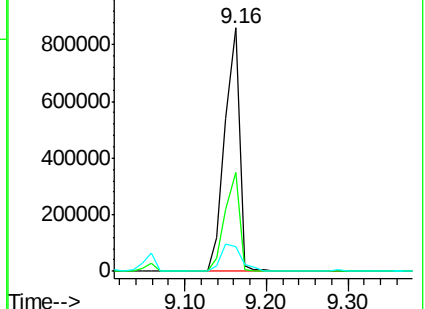
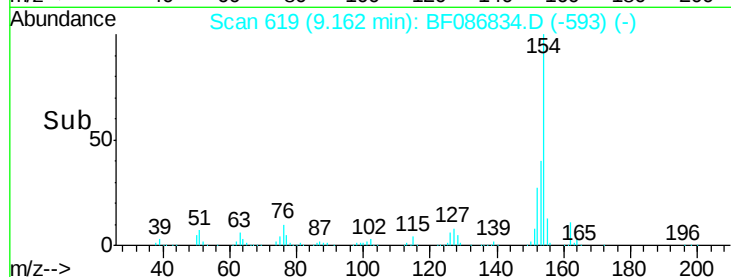
76 9.9 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.33 ng

RT: 9.18 min Scan# 621

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

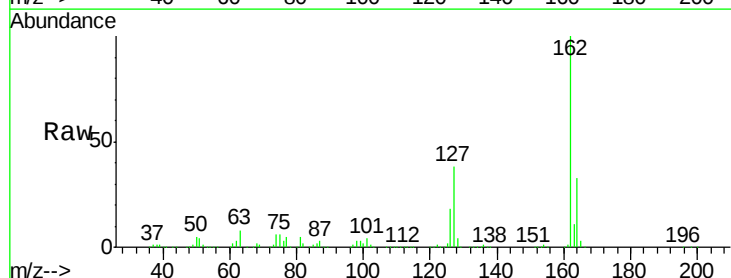
Tgt Ion:162 Resp: 802149

Ion Ratio Lower Upper

162 100

127 37.7 31.8 47.6

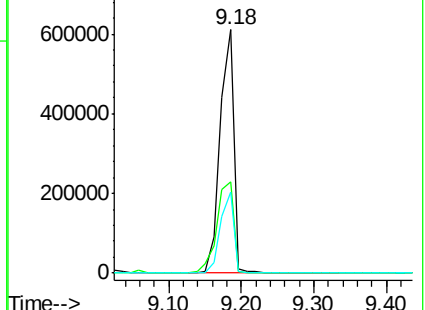
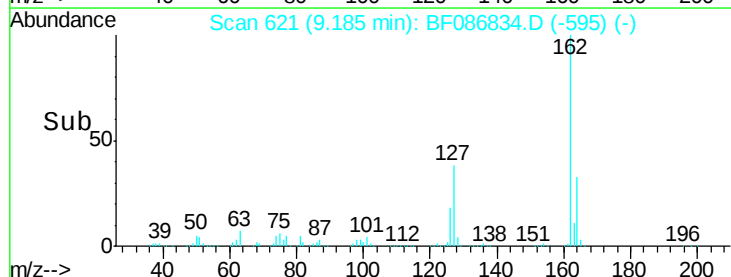
164 33.3 27.0 40.6

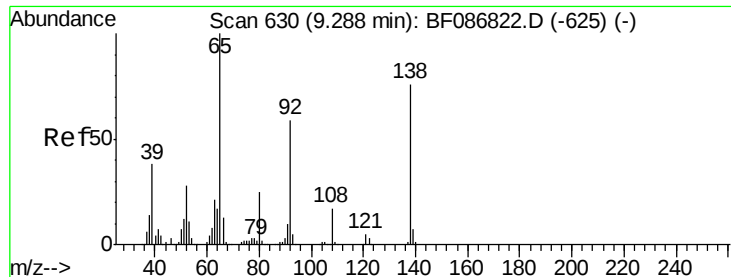


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

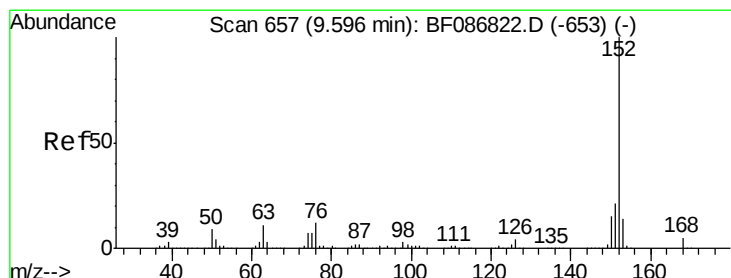
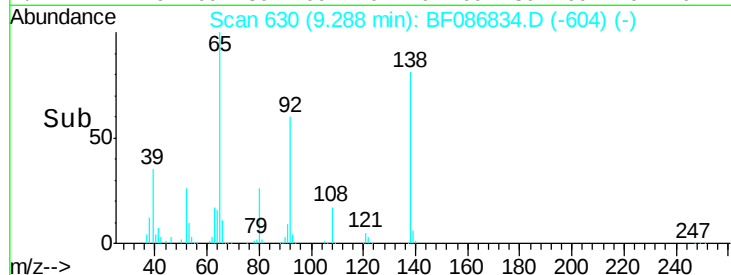
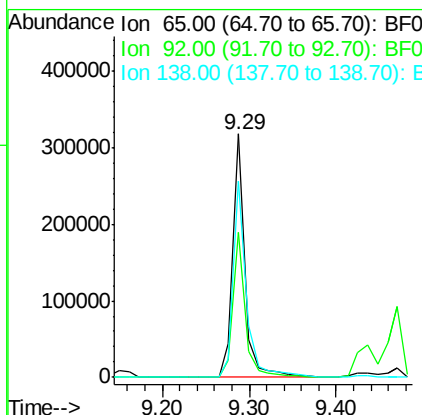
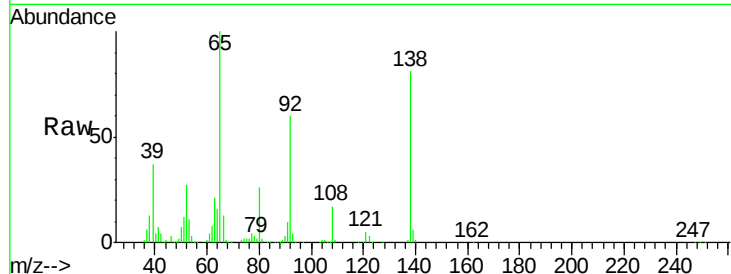




#47
 2-Nitroaniline
 Concen: 41.54 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

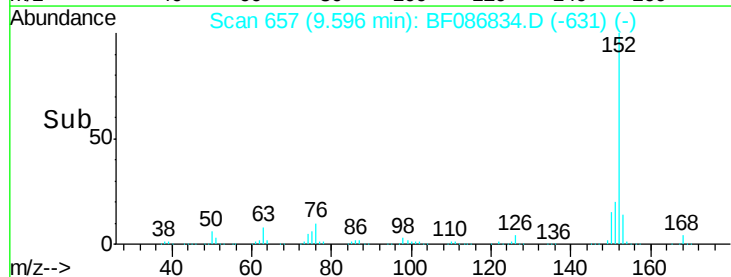
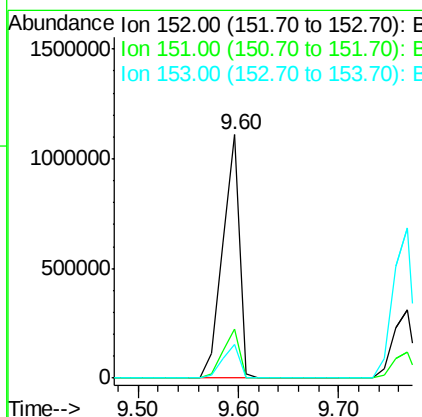
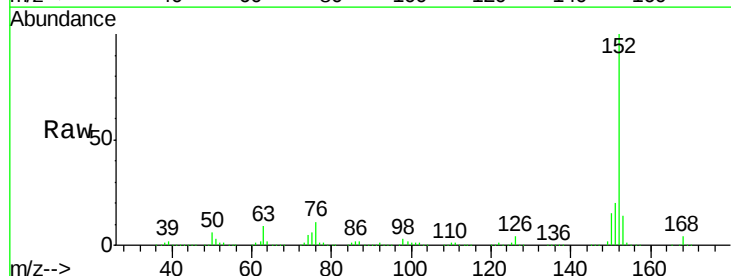
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

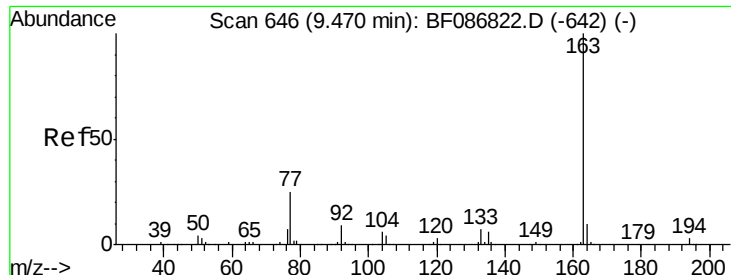
Tgt Ion: 65 Resp: 309650
 Ion Ratio Lower Upper
 65 100
 92 59.8 57.4 86.2
 138 80.6 90.1 135.1#



#48
 Acenaphthylene
 Concen: 42.98 ng
 RT: 9.60 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion: 152 Resp: 1289598
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 13.7 10.9 16.3





#49

Dimethylphthalate

Concen: 39.80 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

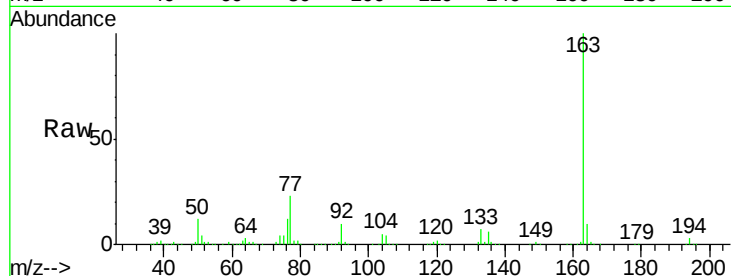
Tgt Ion:163 Resp: 993921

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

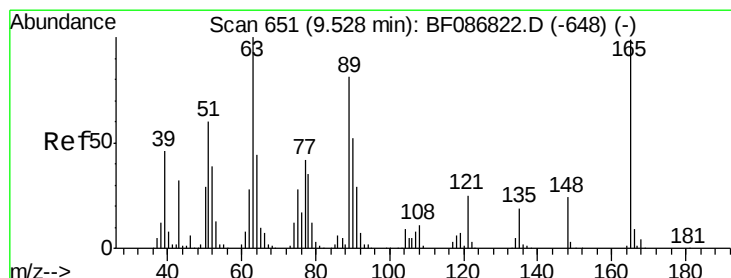
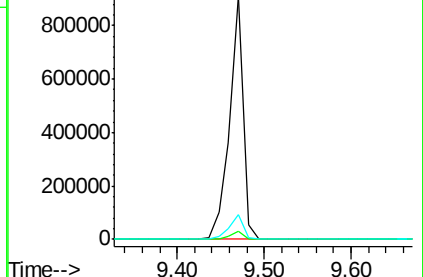
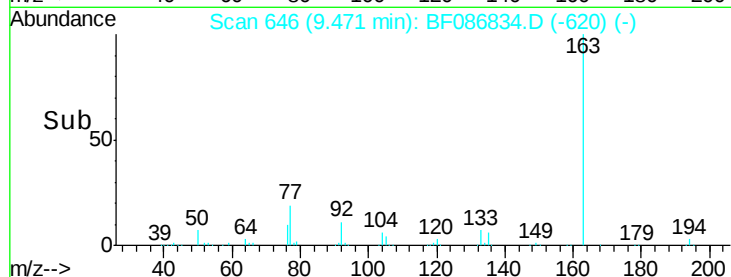
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.74 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

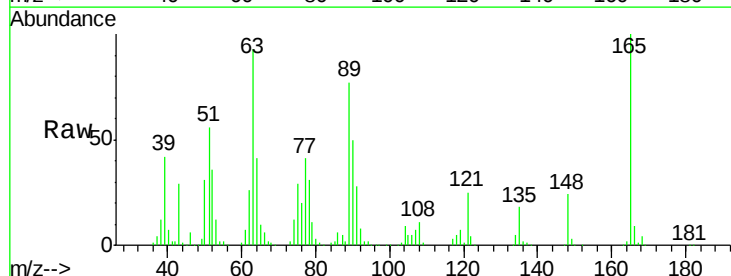
Tgt Ion:165 Resp: 198360

Ion Ratio Lower Upper

165 100

63 93.2 51.8 77.8#

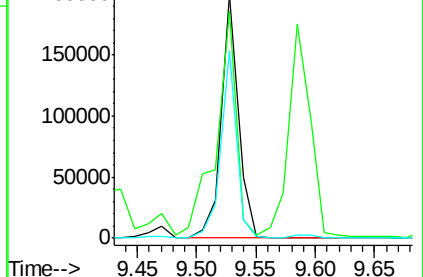
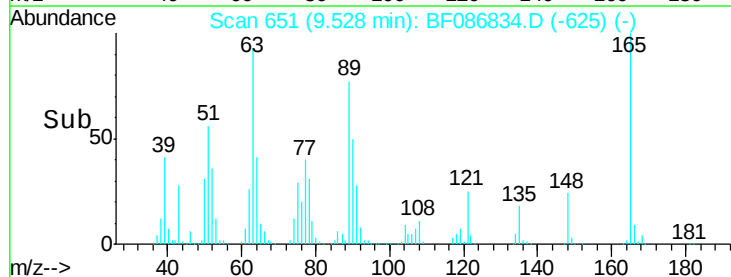
89 77.1 50.7 76.1#

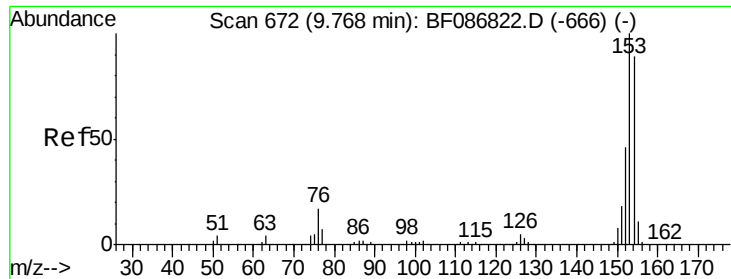


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.31 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

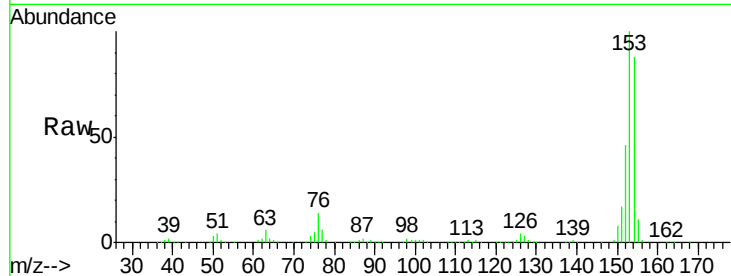
Tgt Ion:154 Resp: 789736

Ion Ratio Lower Upper

154 100

153 113.0 89.8 134.6

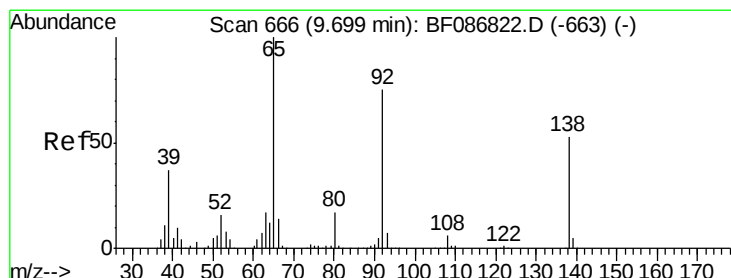
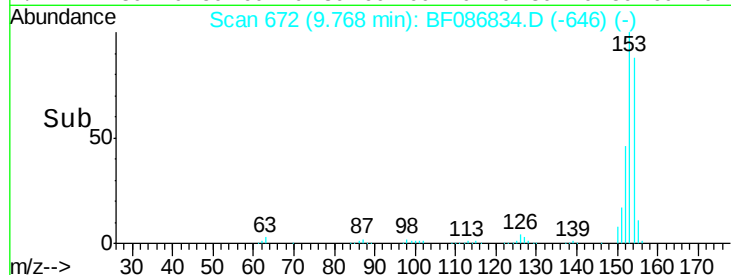
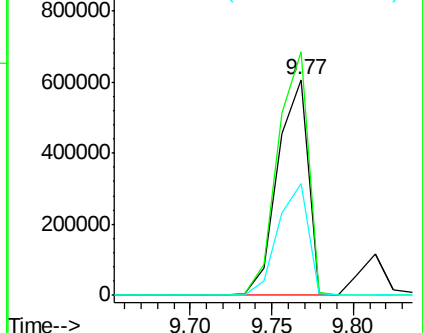
152 51.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 23.24 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

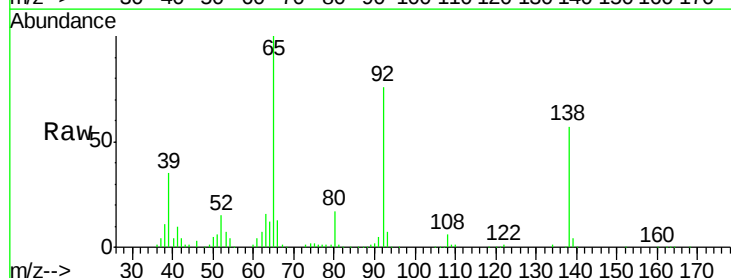
Tgt Ion:138 Resp: 128580

Ion Ratio Lower Upper

138 100

108 11.4 7.8 11.6

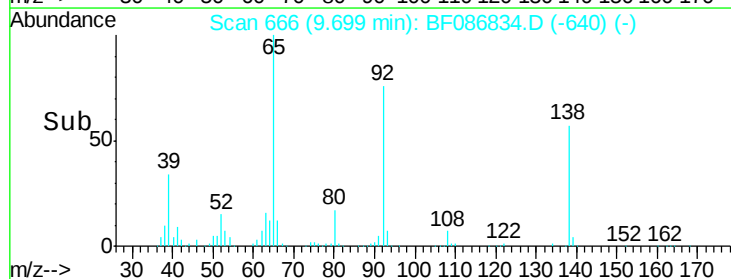
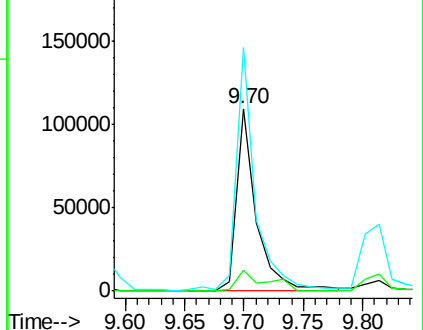
92 133.3 87.8 131.8#

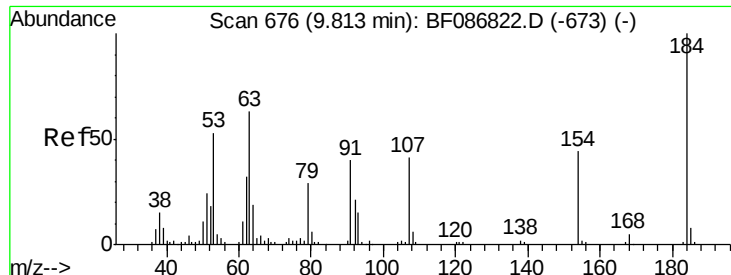


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

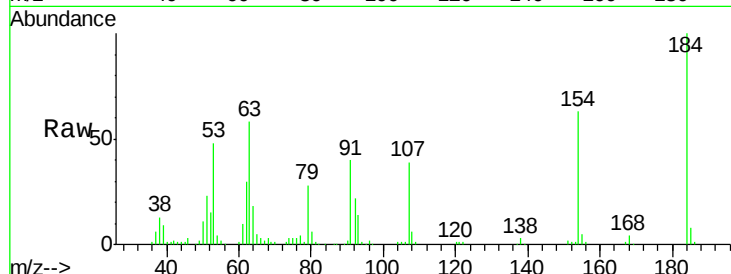




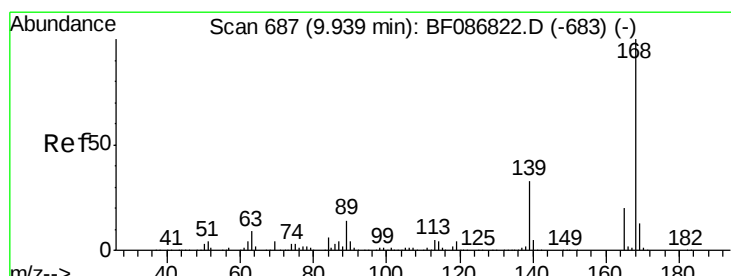
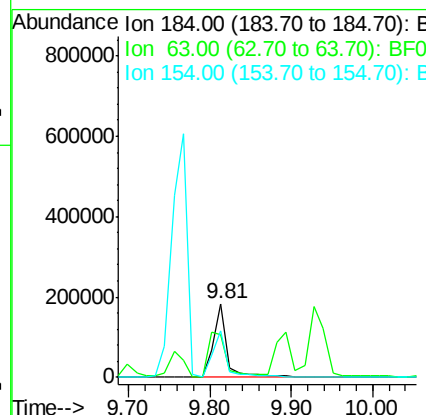
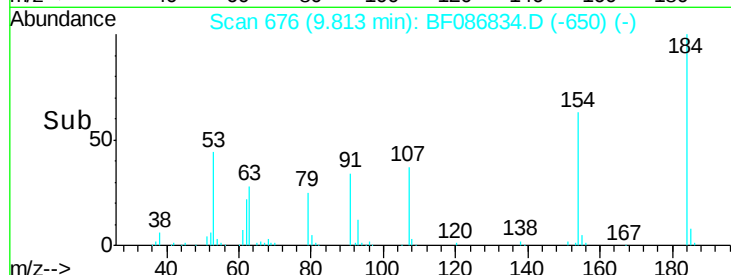
#53
2,4-Dinitrophenol
Concen: 82.51 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tgt Ion:184 Resp: 222303
Ion Ratio Lower Upper
184 100
63 58.2 55.8 83.8
154 63.4 62.4 93.6

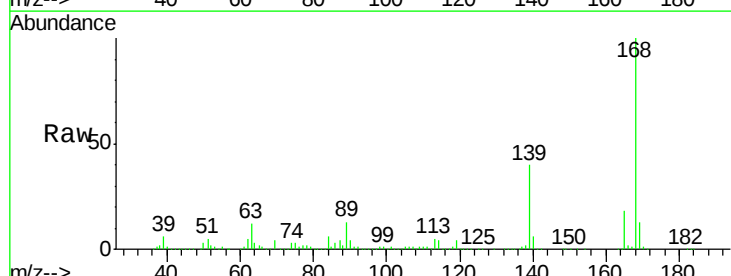


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

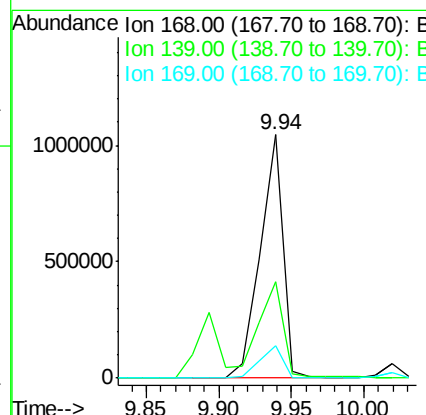
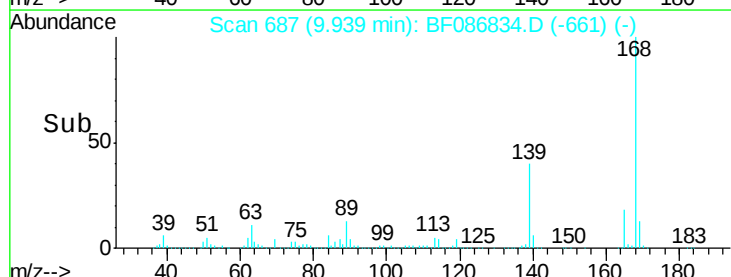


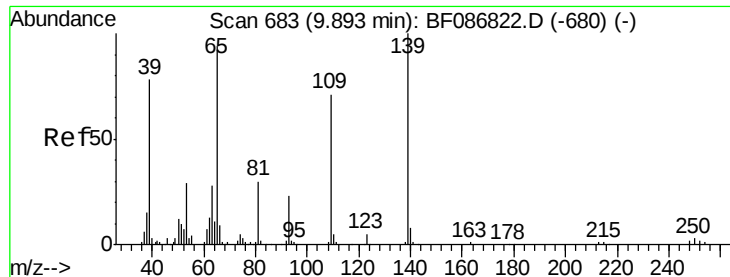
#54
Dibenzofuran
Concen: 47.50 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion:168 Resp: 1138007
Ion Ratio Lower Upper
168 100
139 39.8 31.4 47.0
169 13.3 10.7 16.1



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: 78.99 ng

RT: 9.89 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

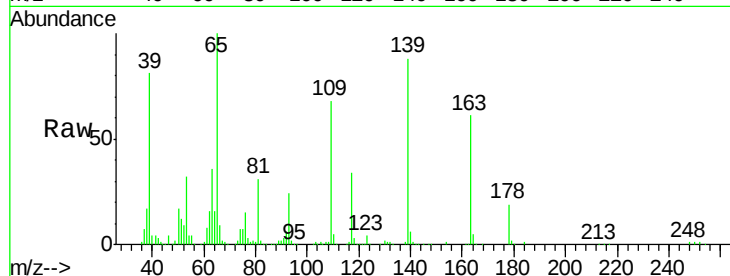
Tgt Ion:139 Resp: 291177

Ion Ratio Lower Upper

139 100

109 77.0 36.9 76.9#

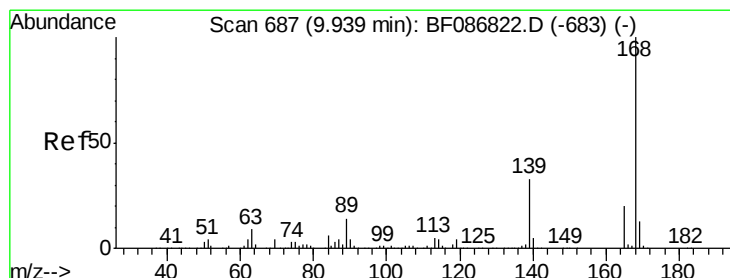
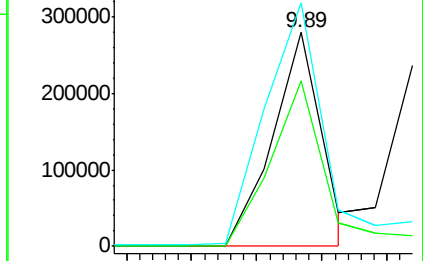
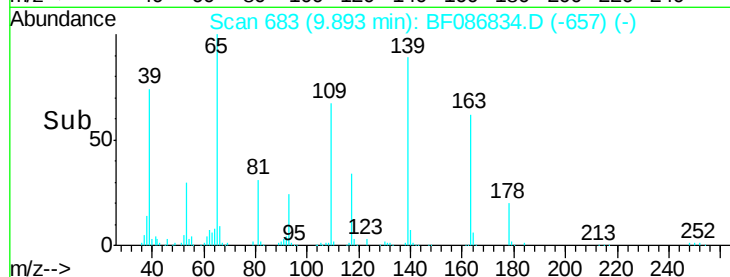
65 113.7 64.0 104.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.34 ng

RT: 9.94 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:165 Resp: 268865

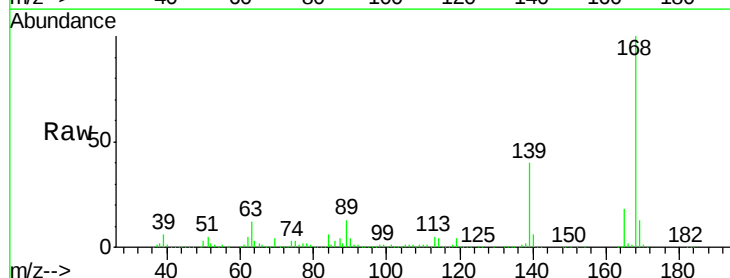
Ion Ratio Lower Upper

165 100

63 62.8 44.3 66.5

89 69.6 70.0 105.0#

182 2.6 1.8 2.6

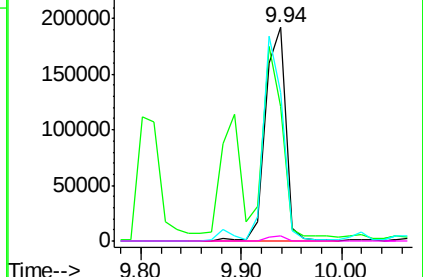
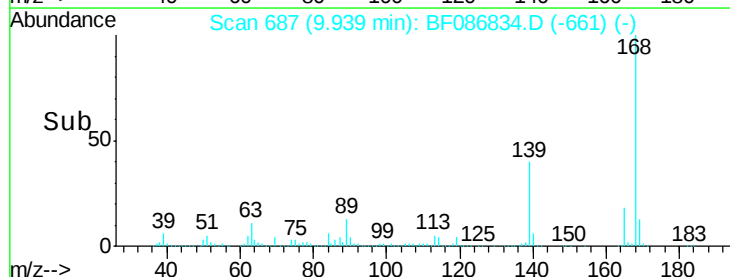


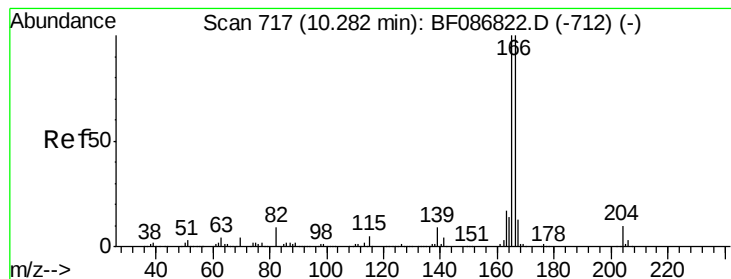
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.47 ng

RT: 10.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

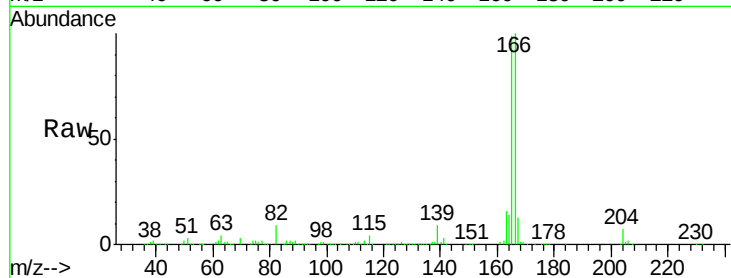
Tgt Ion:166 Resp: 867731

Ion Ratio Lower Upper

166 100

165 99.1 79.0 118.6

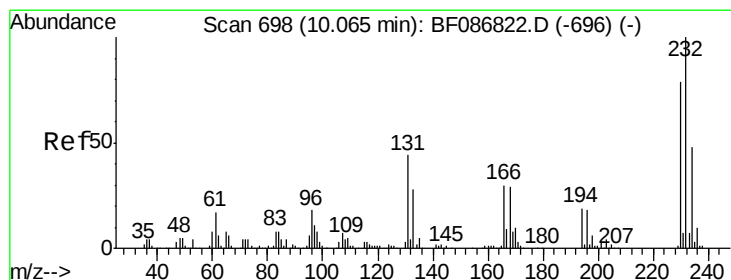
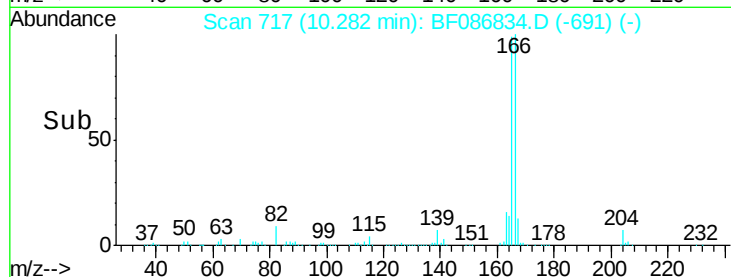
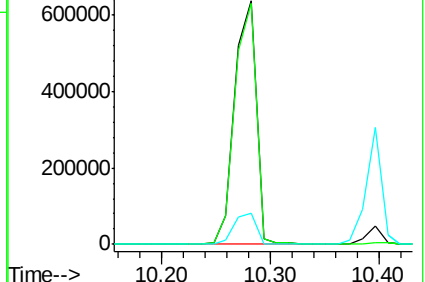
167 12.9 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.16 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Tgt Ion:232 Resp: 233648

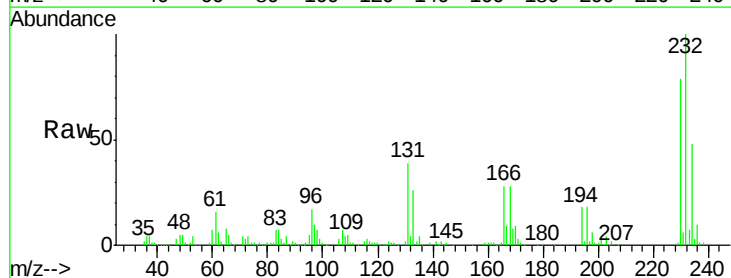
Ion Ratio Lower Upper

232 100

131 49.0 41.9 62.9

130 2.4 2.2 3.4

166 30.9 26.8 40.2

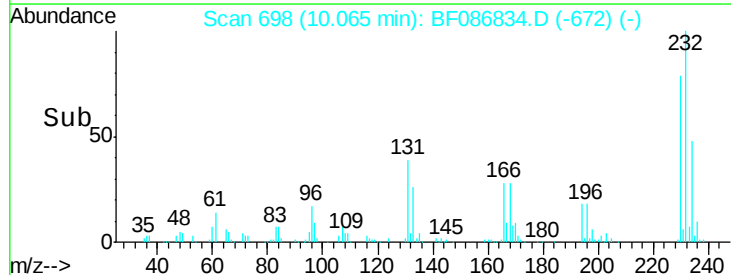
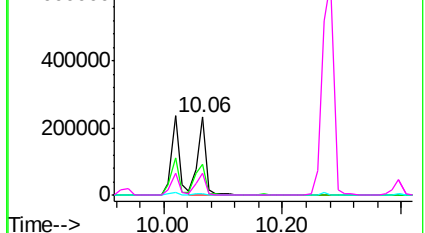


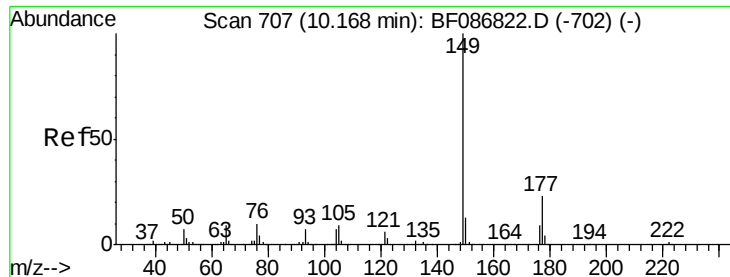
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

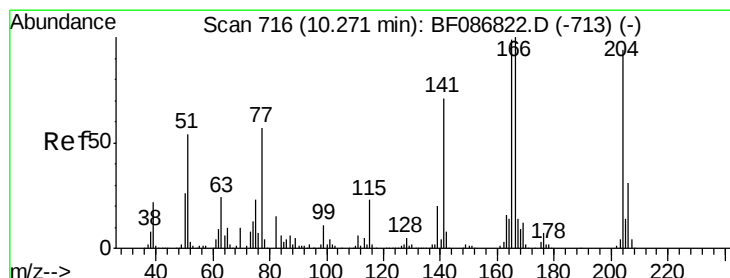
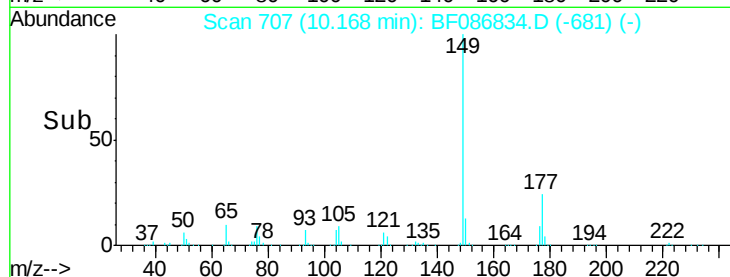
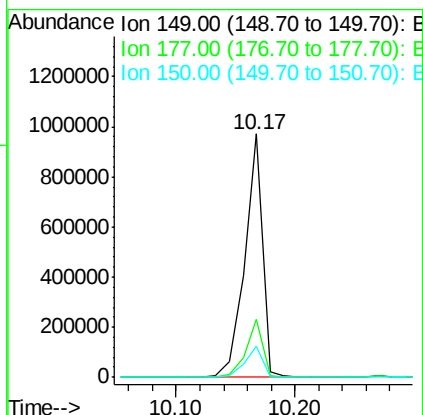
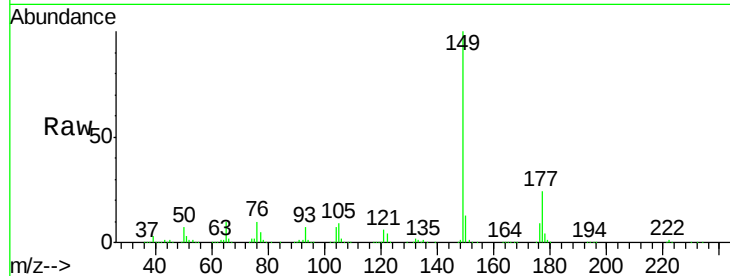




#59
Diethylphthalate
Concen: 41.58 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

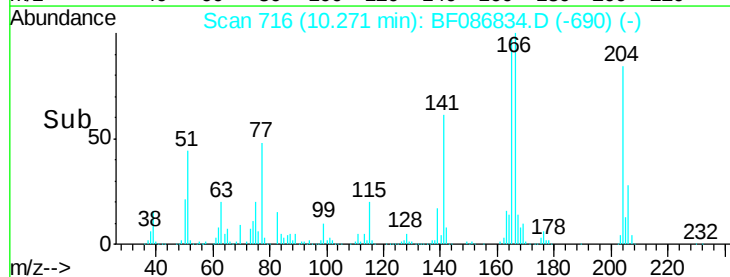
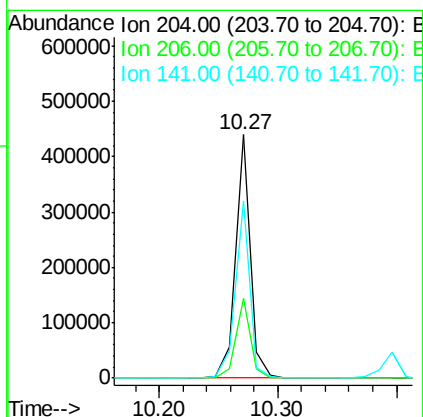
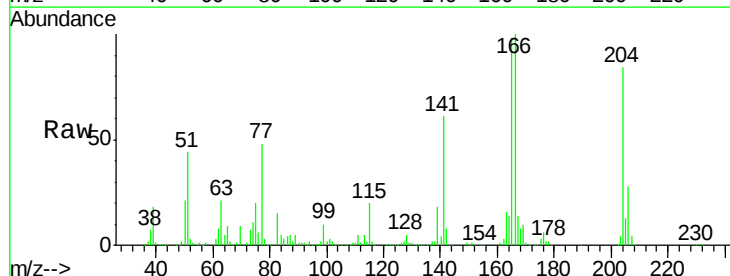
Instrument :
BNA_F
ClientSampleId :
PB90374BS

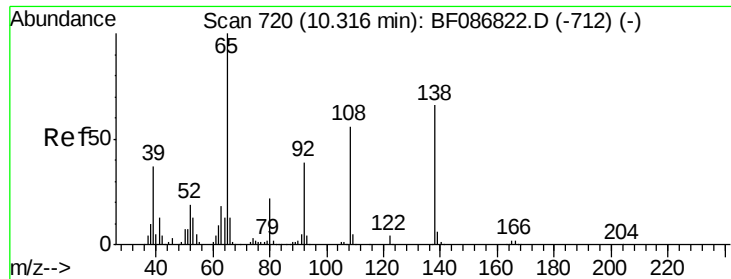
Tgt Ion:149 Resp: 1011947
Ion Ratio Lower Upper
149 100
177 23.6 16.6 24.8
150 12.6 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 42.13 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion:204 Resp: 380499
Ion Ratio Lower Upper
204 100
206 33.0 25.4 38.0
141 72.5 61.6 92.4

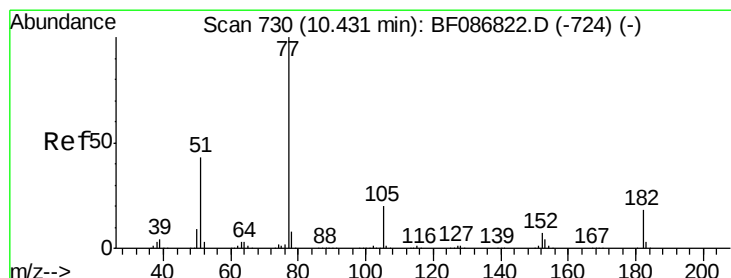
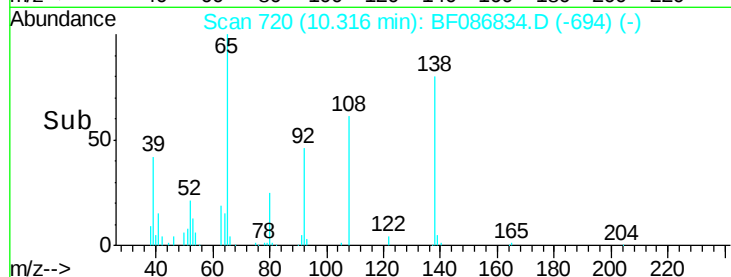
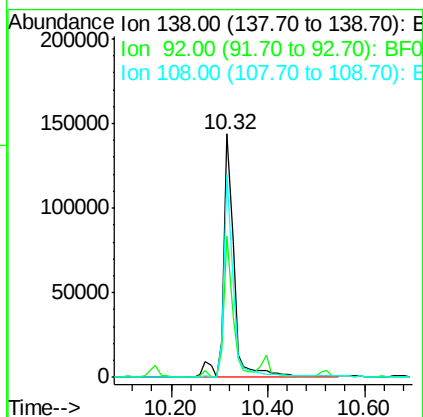
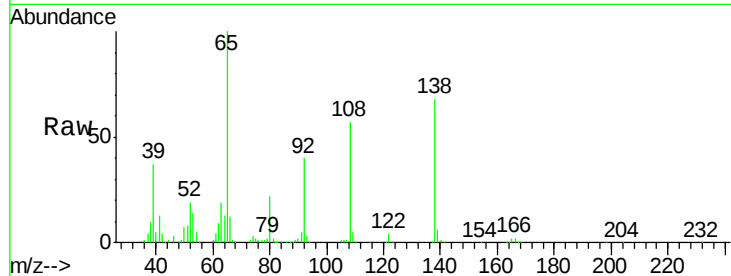




#61
4-Nitroaniline
Concen: 41.17 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

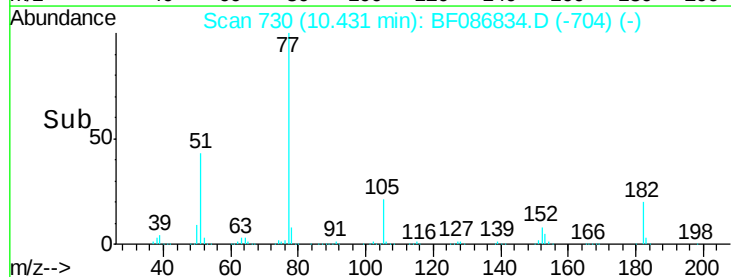
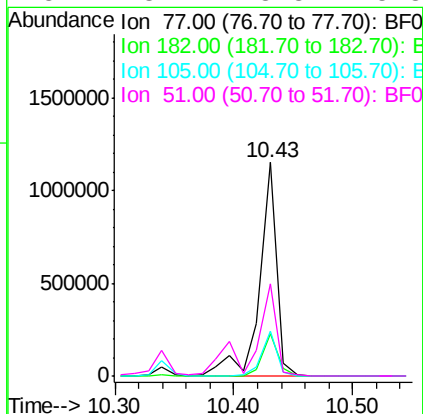
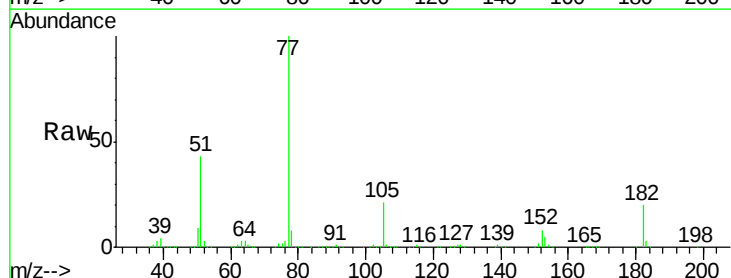
Instrument :
BNA_F
ClientSampleId :
PB90374BS

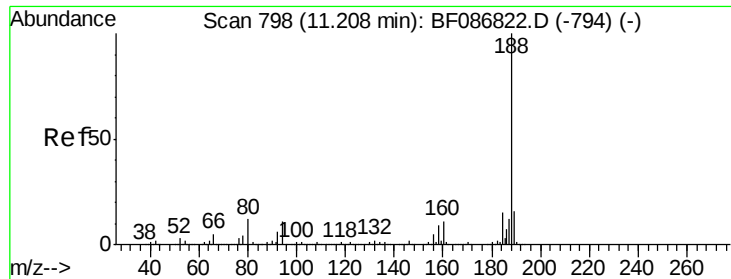
Tgt Ion:138 Resp: 218782
Ion Ratio Lower Upper
138 100
92 57.9 24.7 64.7
108 83.4 37.4 77.4#



#62
Azobenzene
Concen: 44.31 ng
RT: 10.43 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion: 77 Resp: 1163239
Ion Ratio Lower Upper
77 100
182 19.8 0.0 38.8
105 20.8 3.2 43.2
51 43.1 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 798

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

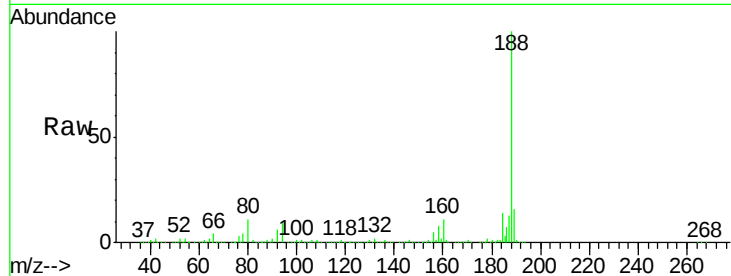
Tgt Ion:188 Resp: 630191

Ion Ratio Lower Upper

188 100

94 10.3 6.8 10.2#

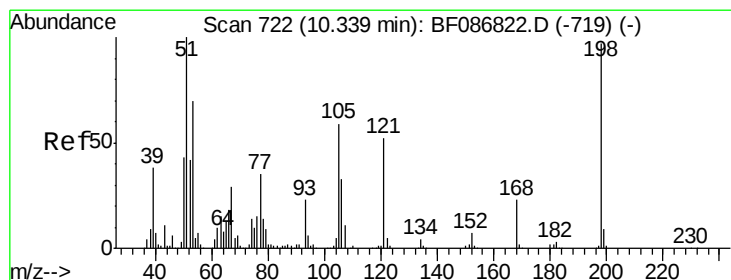
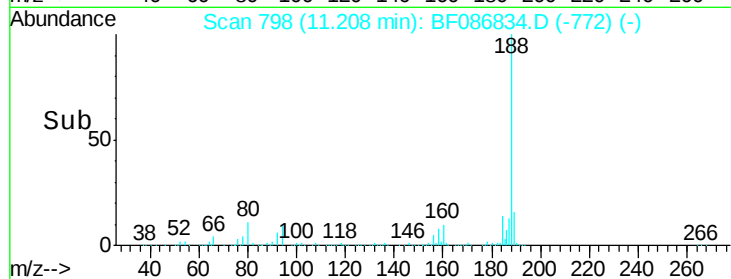
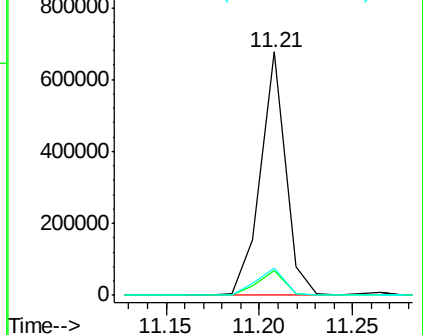
80 11.1 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 37.11 ng

RT: 10.34 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

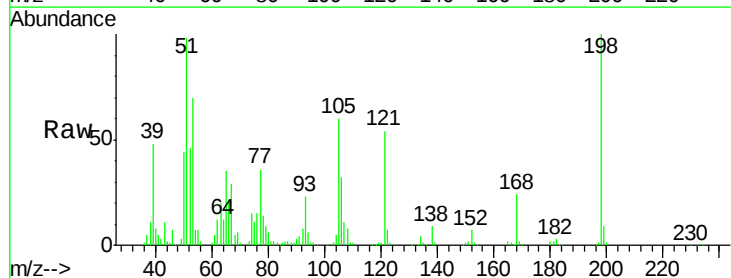
Tgt Ion:198 Resp: 145283

Ion Ratio Lower Upper

198 100

51 98.3 20.5 60.5#

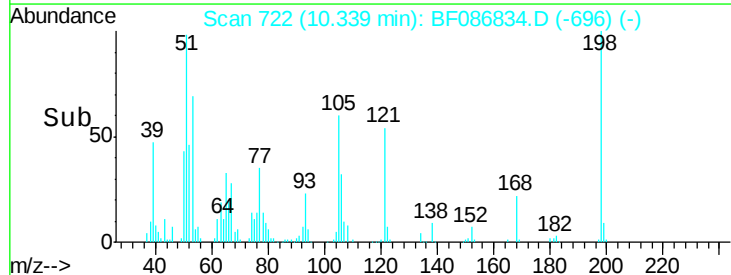
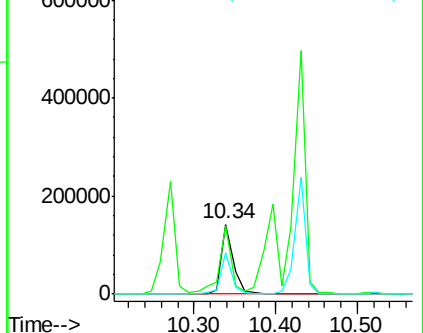
105 59.6 24.5 64.5

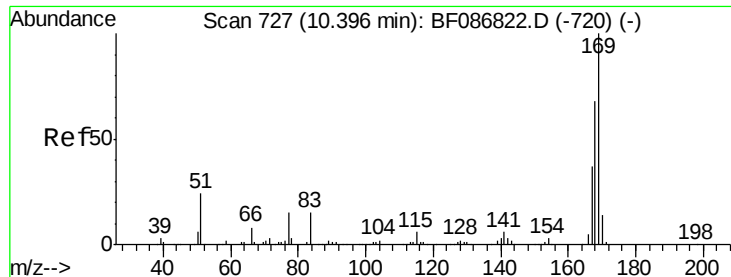


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.60 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

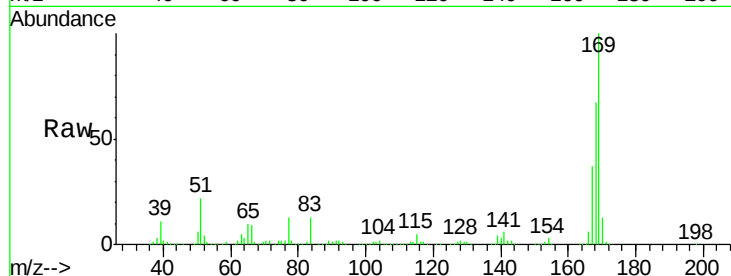
Tgt Ion:169 Resp: 805332

Ion Ratio Lower Upper

169 100

168 67.1 53.8 80.6

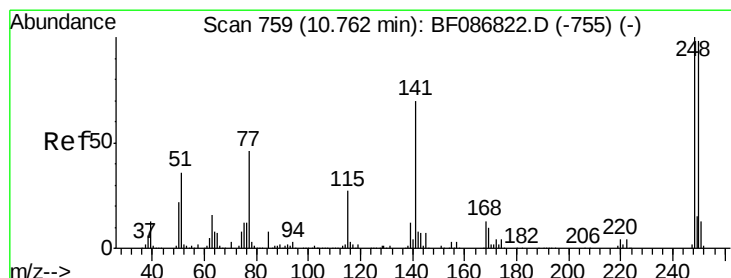
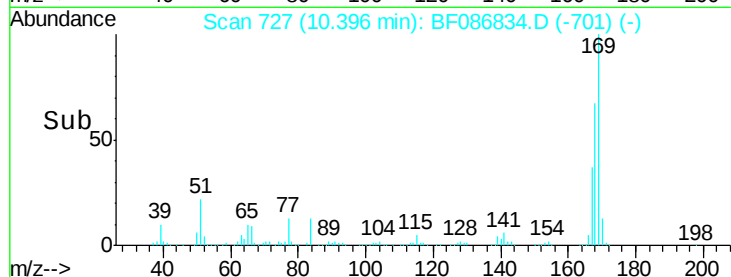
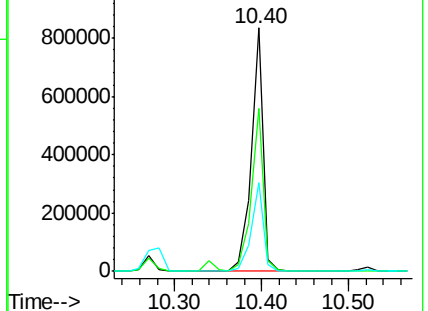
167 36.7 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.09 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

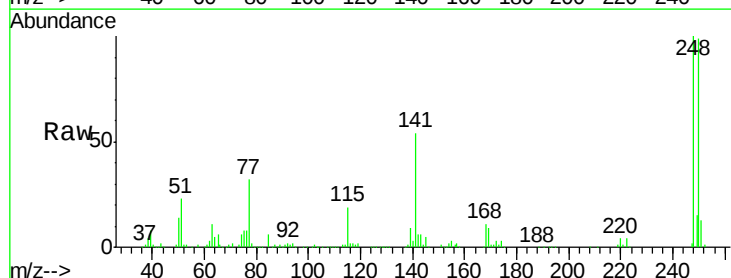
Tgt Ion:248 Resp: 256157

Ion Ratio Lower Upper

248 100

250 99.1 78.6 117.8

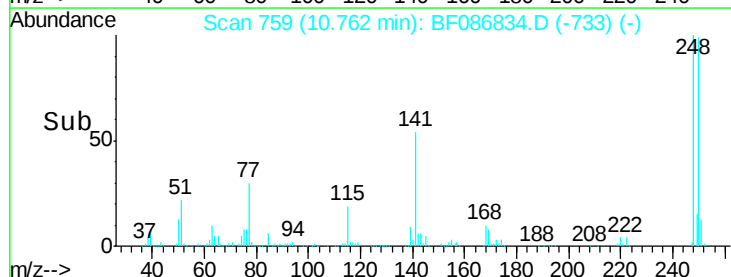
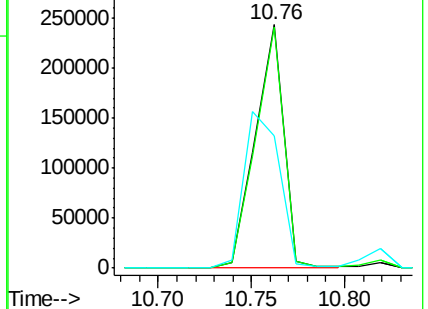
141 54.1 76.0 114.0#

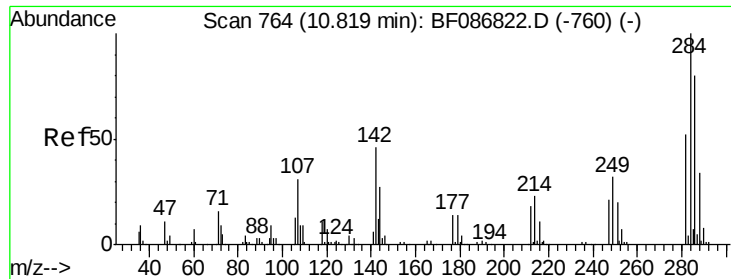


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

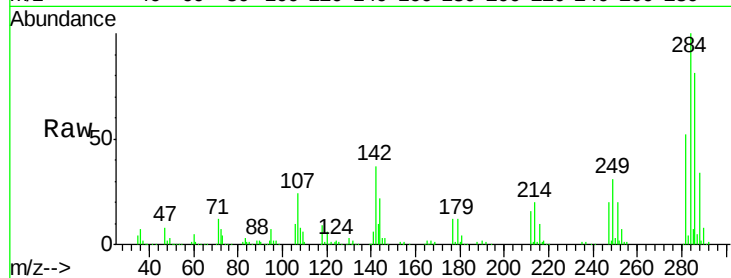




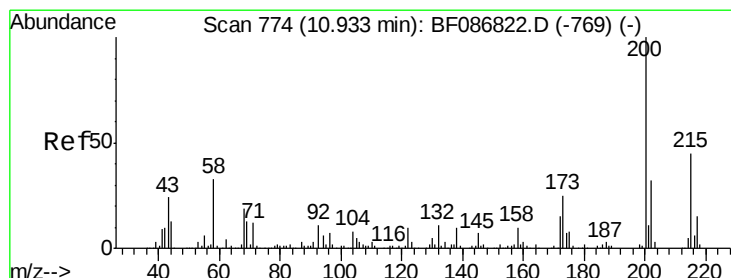
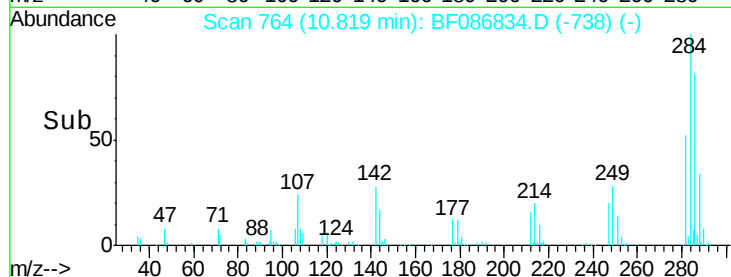
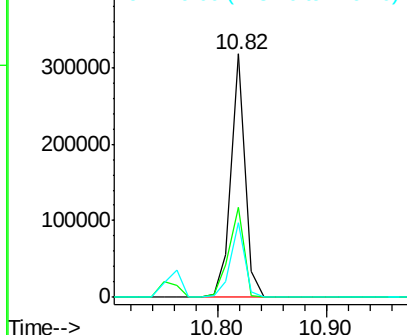
#67
Hexachlorobenzene
Concen: 38.06 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Instrument :
BNA_F
ClientSampleId :
PB90374BS

Tgt Ion: 284 Resp: 284175
Ion Ratio Lower Upper
284 100
142 37.1 16.7 25.1#
249 30.9 21.3 31.9

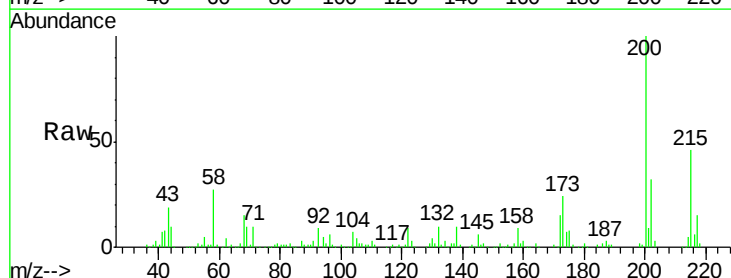


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

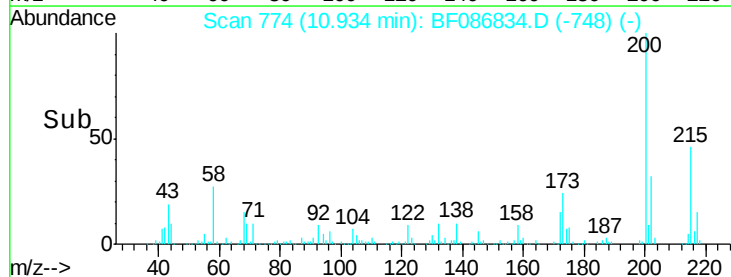
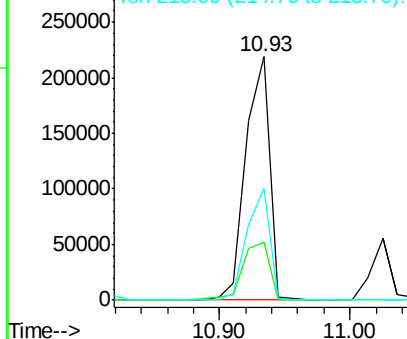


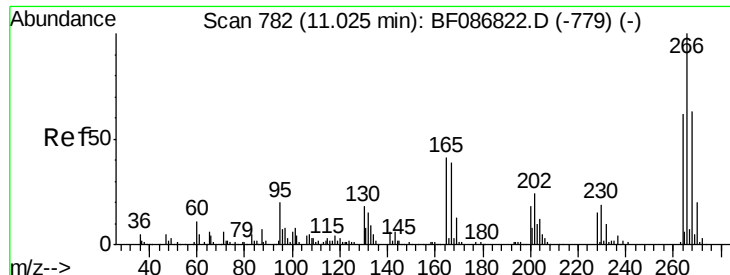
#68
Atrazine
Concen: 42.80 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion: 200 Resp: 276822
Ion Ratio Lower Upper
200 100
173 23.9 8.5 48.5
215 46.0 27.2 67.2



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

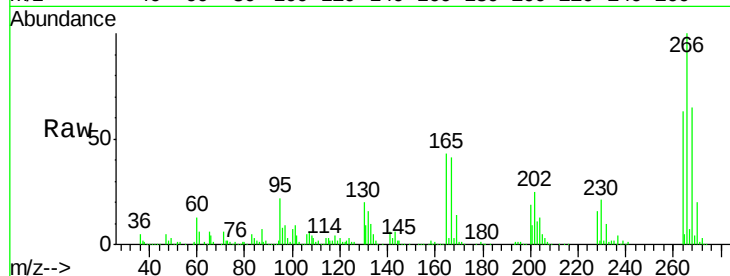




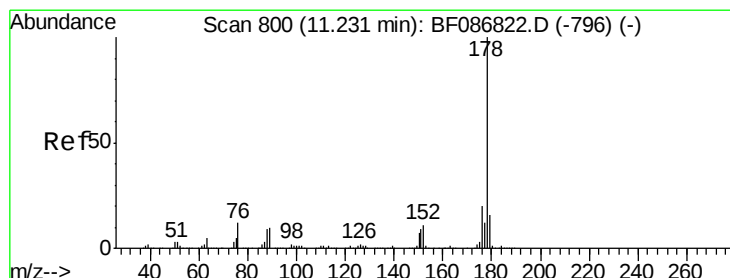
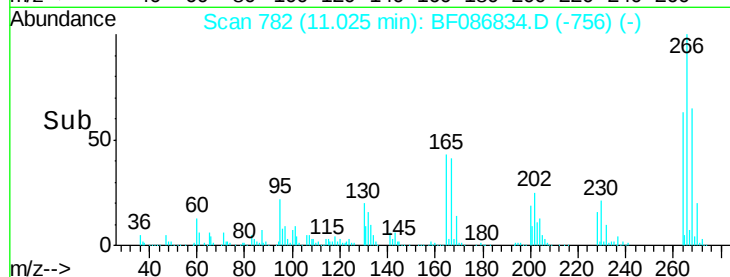
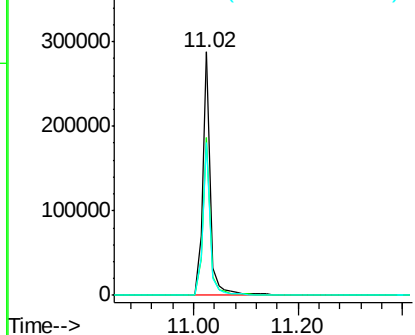
#69
 Pentachlorophenol
 Concen: 86.16 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion:266 Resp: 297348
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.5 77.3
 264 62.6 52.9 79.3

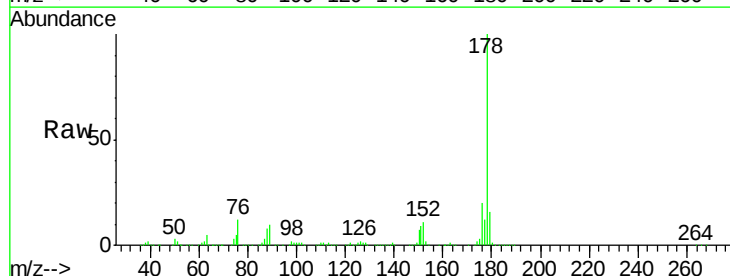


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

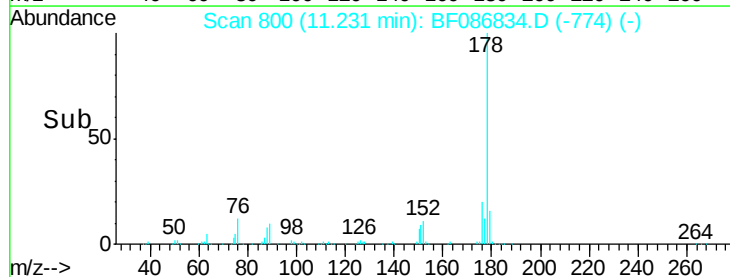
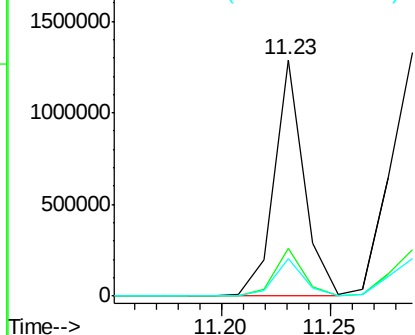


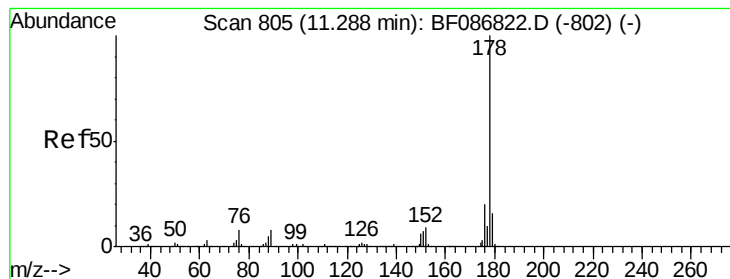
#70
 Phenanthrene
 Concen: 36.63 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:178 Resp: 1231872
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.0 24.0
 179 16.0 12.6 18.8



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





#71

Anthracene

Concen: 41.85 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

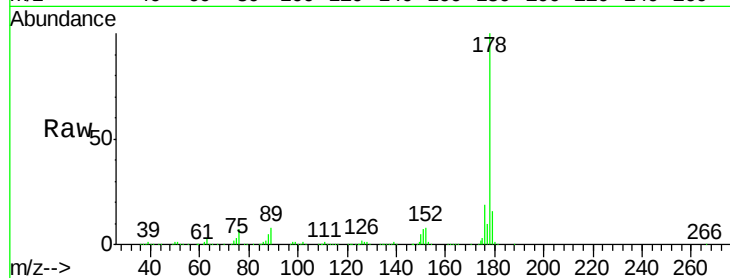
Tgt Ion:178 Resp: 1439305

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

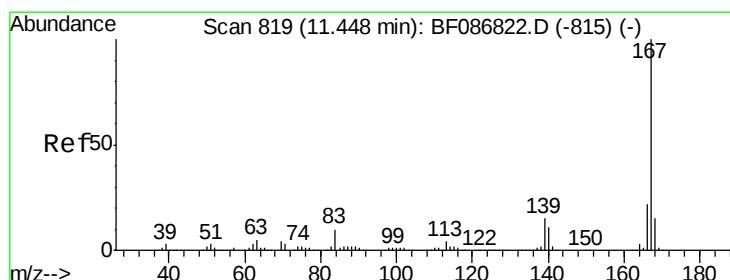
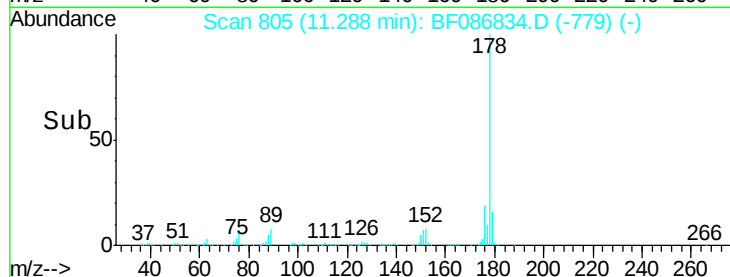
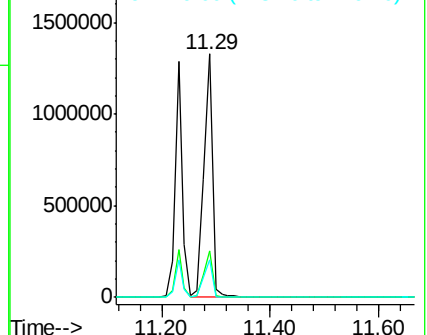
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 43.54 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

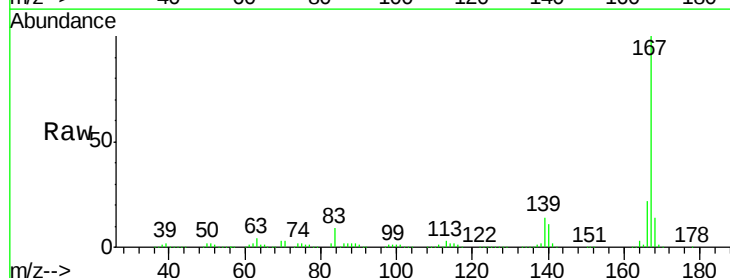
Tgt Ion:167 Resp: 1287419

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

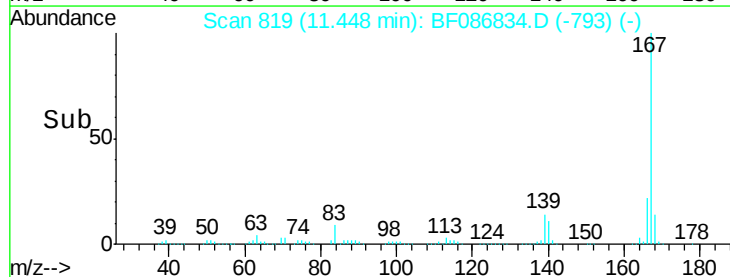
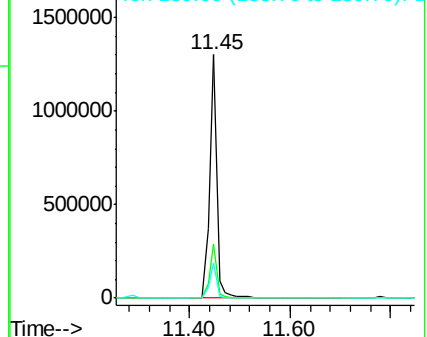
139 14.1 10.8 16.2

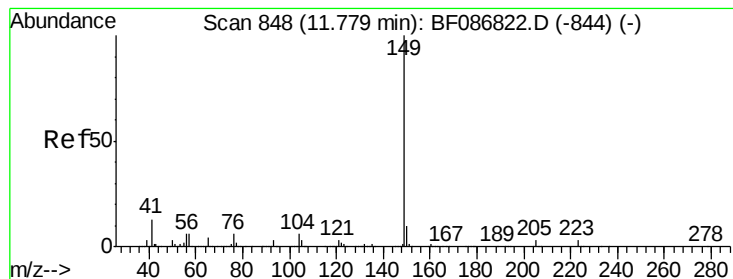


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.77 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

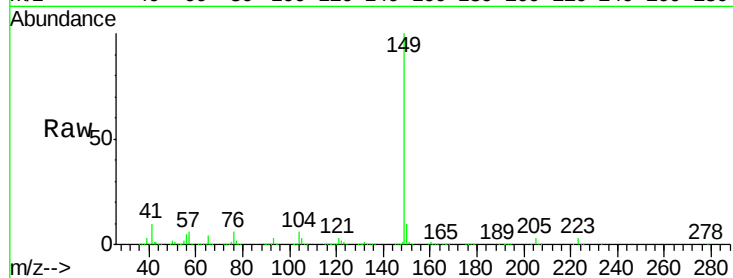
Tgt Ion:149 Resp: 1544270

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

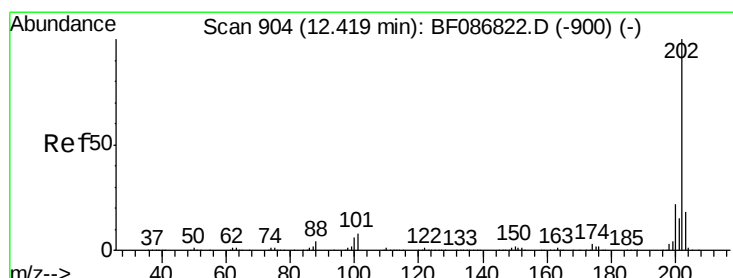
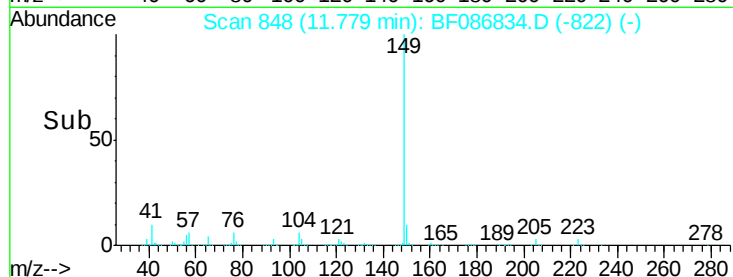
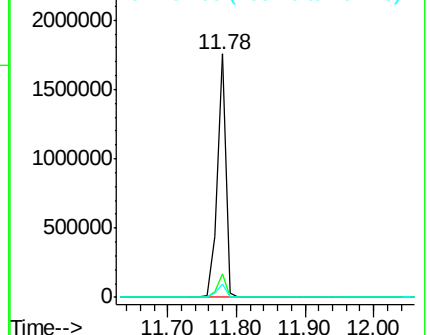
104 5.6 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.37 ng

RT: 12.41 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

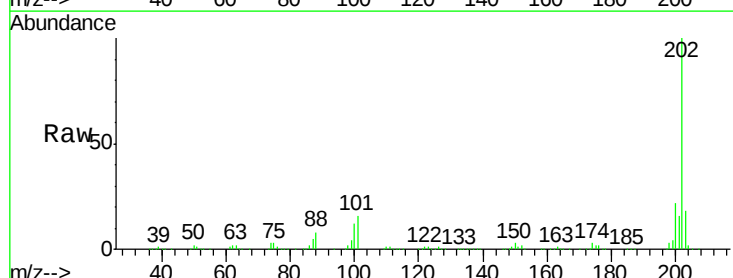
Tgt Ion:202 Resp: 1327377

Ion Ratio Lower Upper

202 100

101 16.4 0.0 35.4

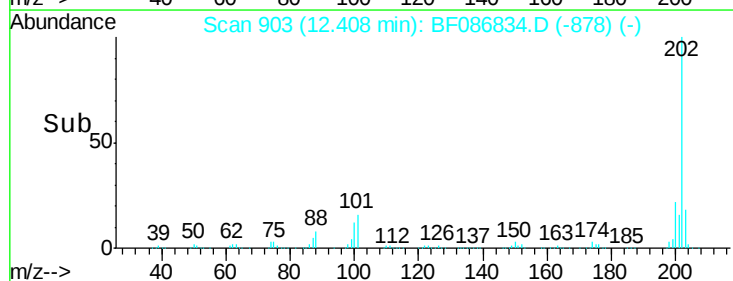
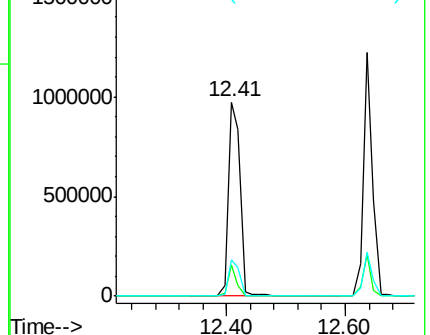
203 18.4 0.0 38.1

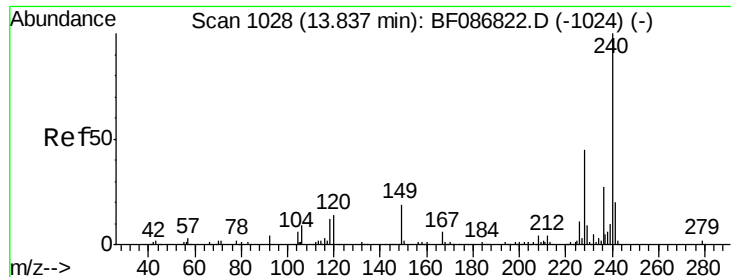


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

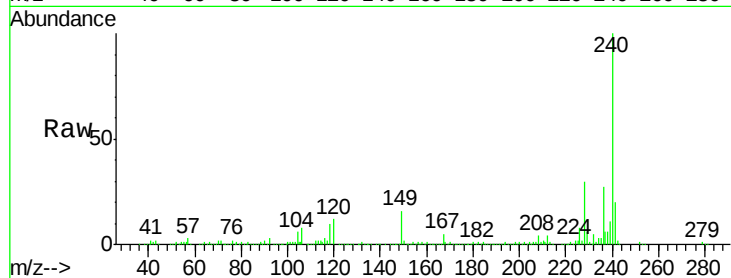
Tgt Ion:240 Resp: 500257

Ion Ratio Lower Upper

240 100

120 11.6 11.2 16.8

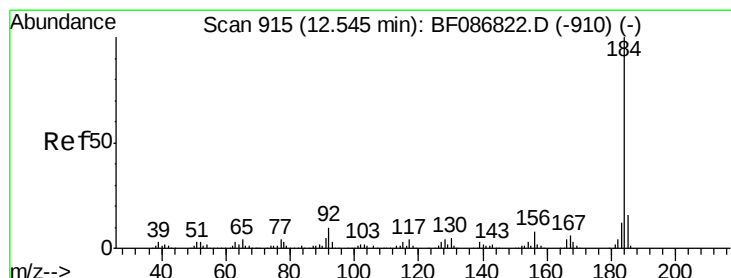
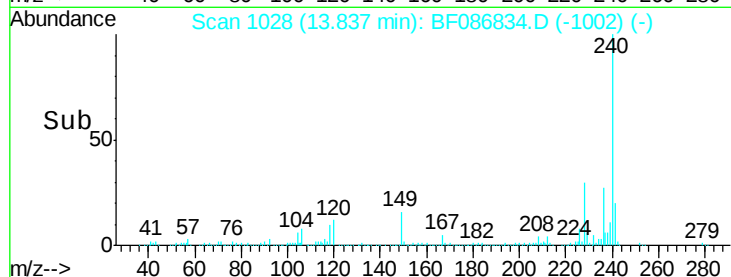
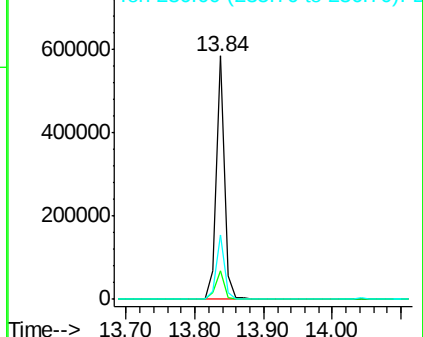
236 26.7 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.52 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

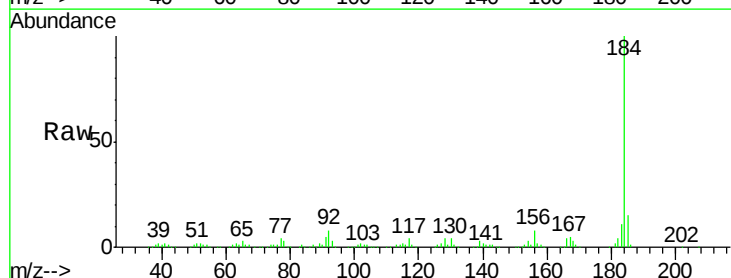
Tgt Ion:184 Resp: 376467

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

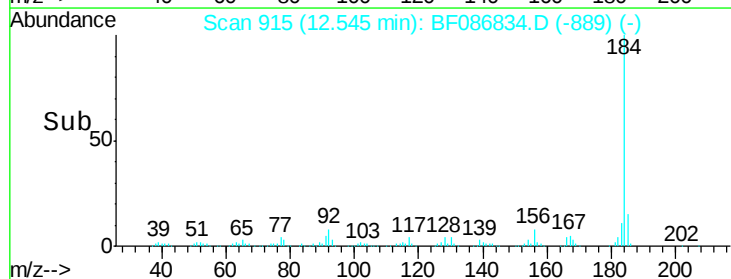
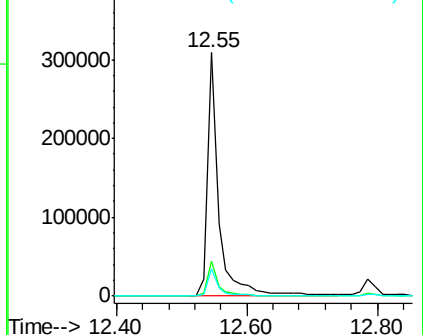
183 11.5 9.8 14.6

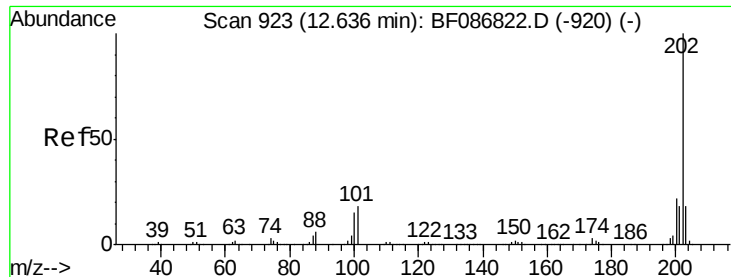


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

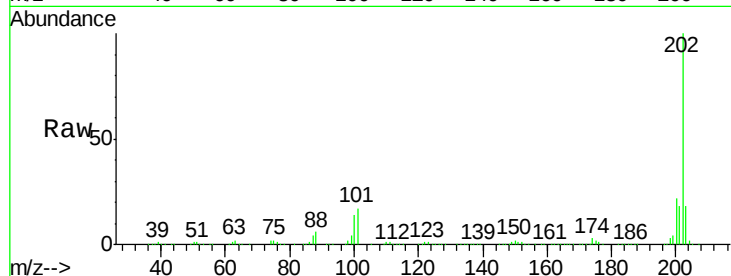




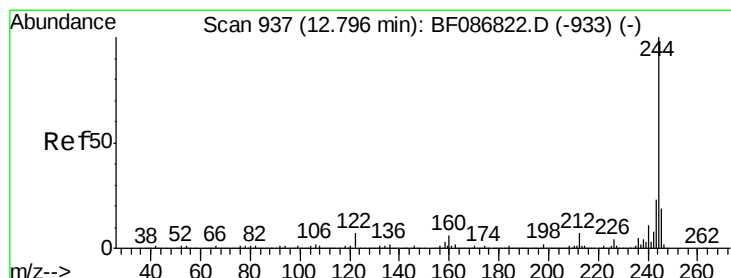
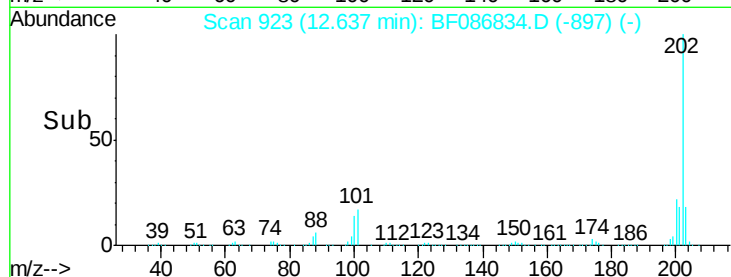
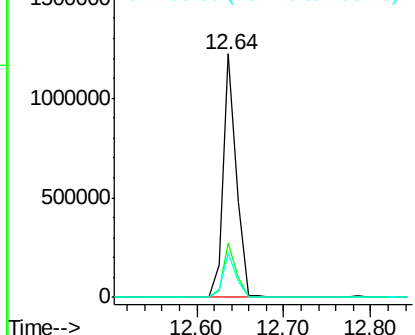
#77
 Pyrene
 Concen: 33.81 ng
 RT: 12.64 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

Tgt Ion:202 Resp: 1294716
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.7 26.5
 203 18.1 14.2 21.4

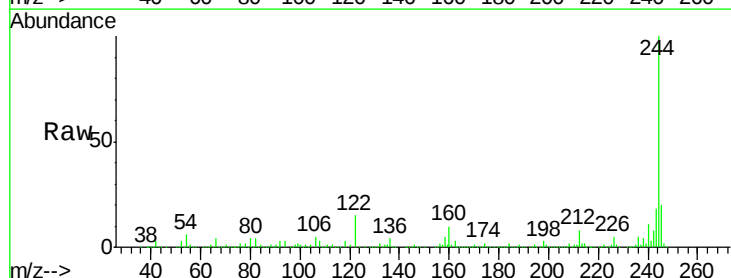


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

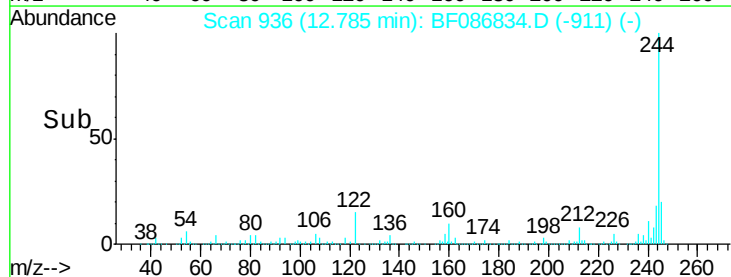
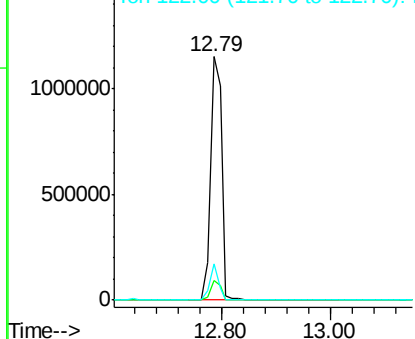


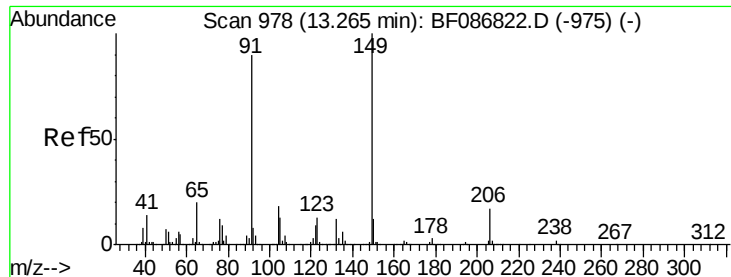
#78
 Terphenyl-d14
 Concen: 69.79 ng
 RT: 12.79 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:244 Resp: 1645436
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 14.9 12.0 18.0



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





#79

Butylbenzylphthalate

Concen: 35.92 ng

RT: 13.27 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

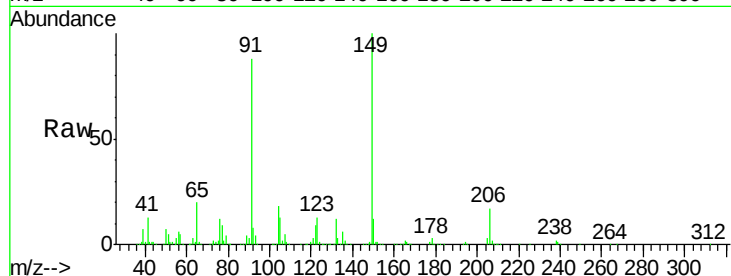
Tgt Ion:149 Resp: 581962

Ion Ratio Lower Upper

149 100

91 87.7 48.0 72.0#

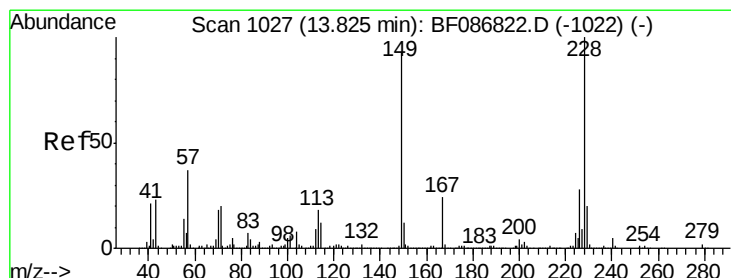
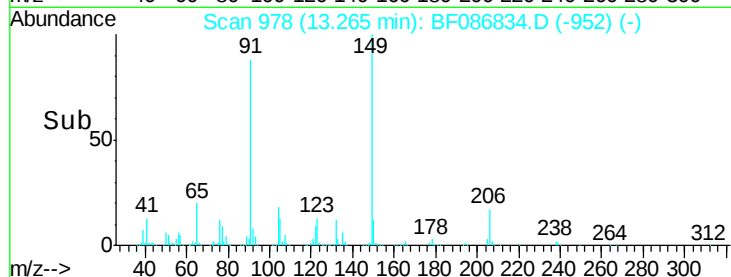
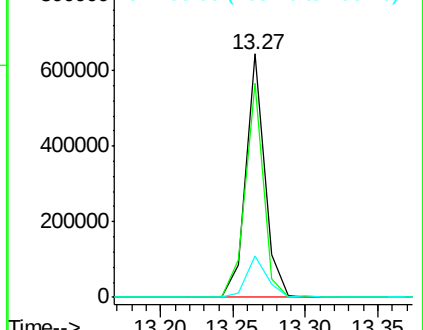
206 17.0 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.94 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

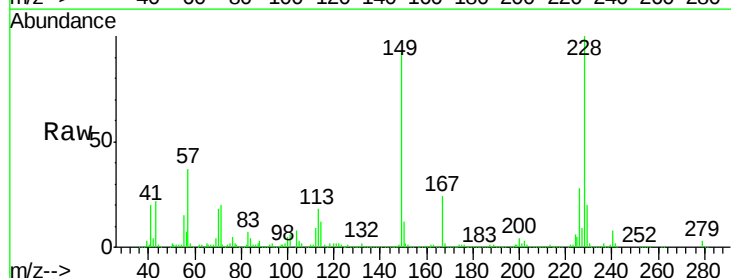
Tgt Ion:228 Resp: 1093651

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

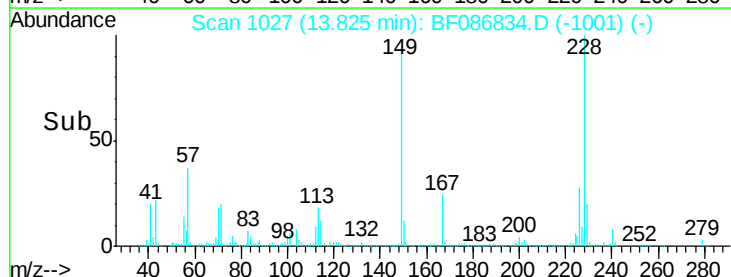
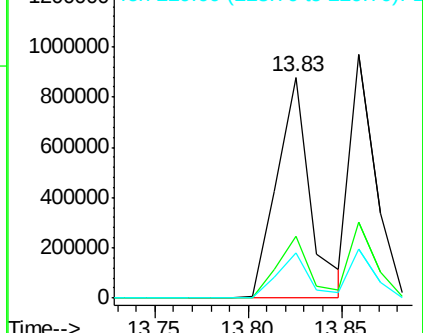
229 20.2 16.6 25.0

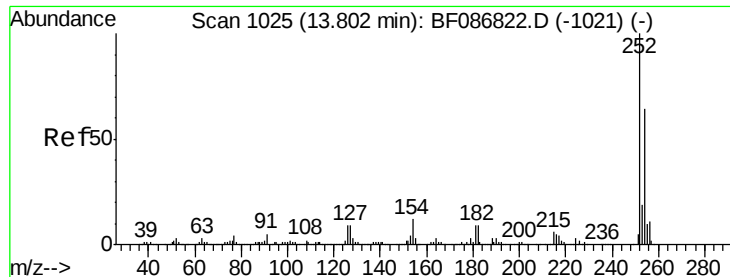


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

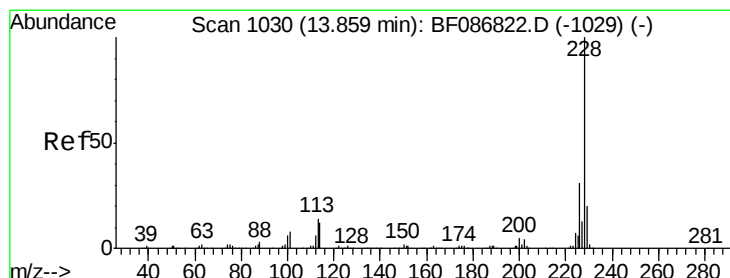
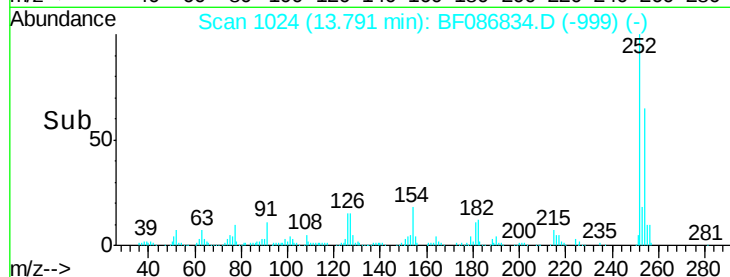
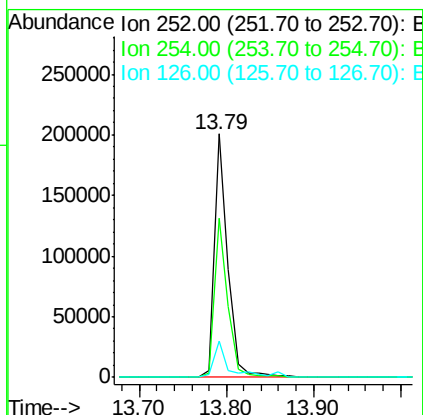
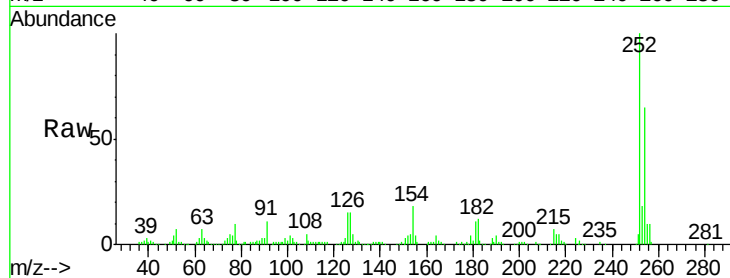




#81
 3,3'-Dichlorobenzidine
 Concen: 12.35 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

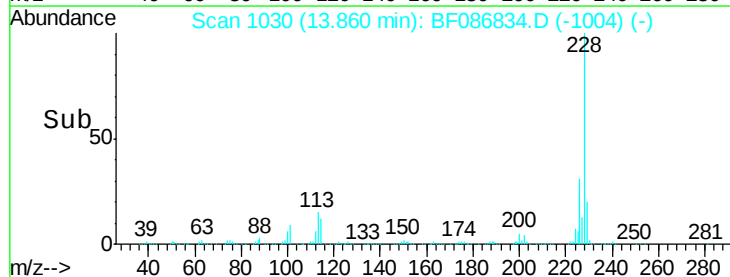
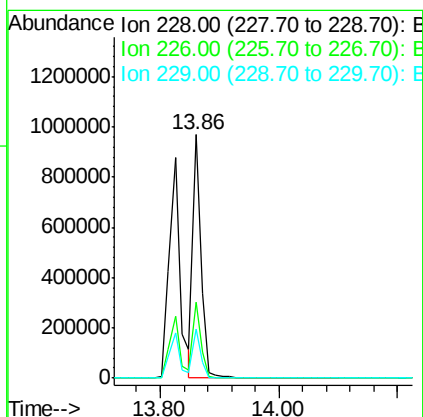
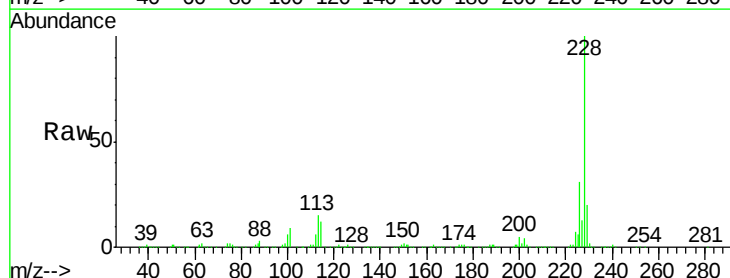
Instrument :
 BNA_F
 ClientSampleId :
 PB90374BS

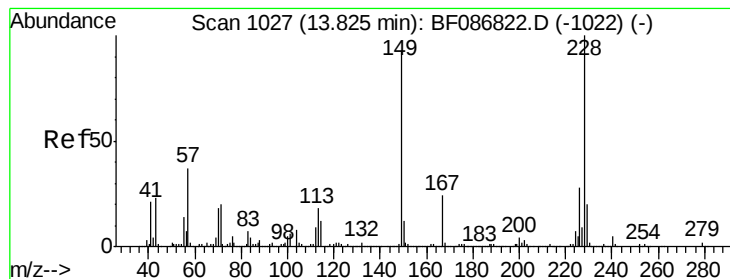
Tgt Ion:252 Resp: 220336
 Ion Ratio Lower Upper
 252 100
 254 65.4 50.7 76.1
 126 15.0 12.7 19.1



#82
 Chrysene
 Concen: 32.79 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF086834.D
 Acq: 9 May 2016 21:36

Tgt Ion:228 Resp: 936741
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.4 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.38 ng

RT: 13.83 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

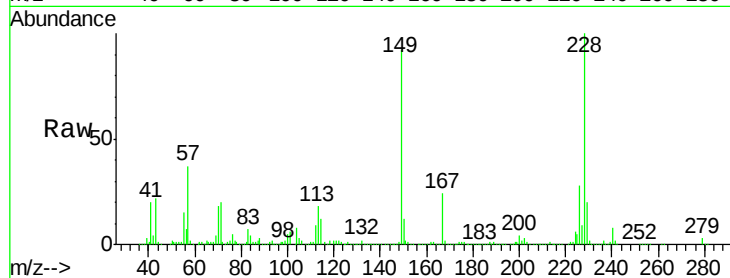
Tgt Ion:149 Resp: 728326

Ion Ratio Lower Upper

149 100

167 25.8 21.8 32.6

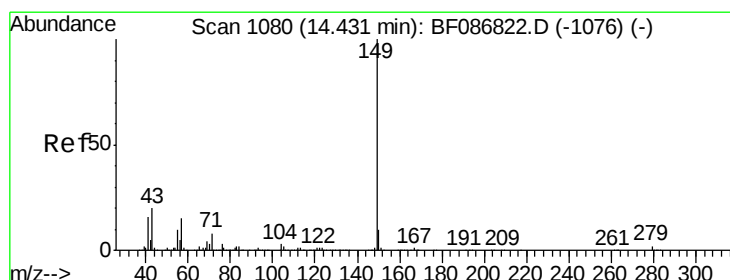
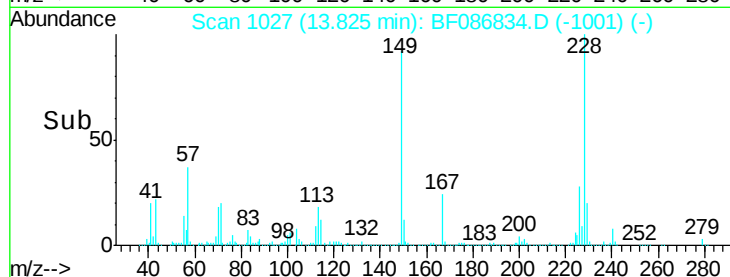
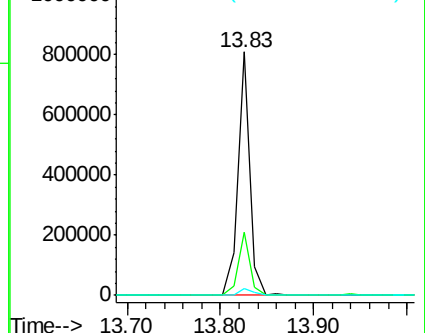
279 3.0 2.6 4.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.63 ng

RT: 14.43 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

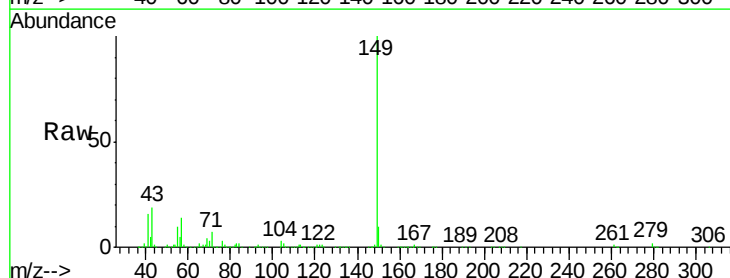
Tgt Ion:149 Resp: 1279300

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

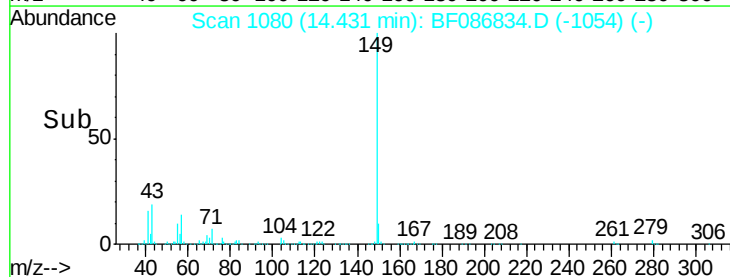
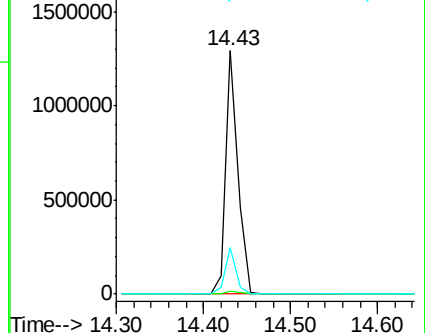
43 17.3 8.2 12.4#

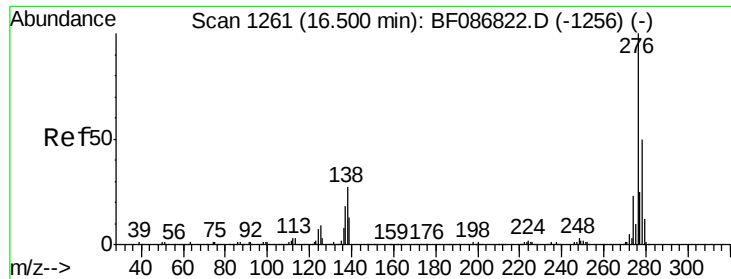


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

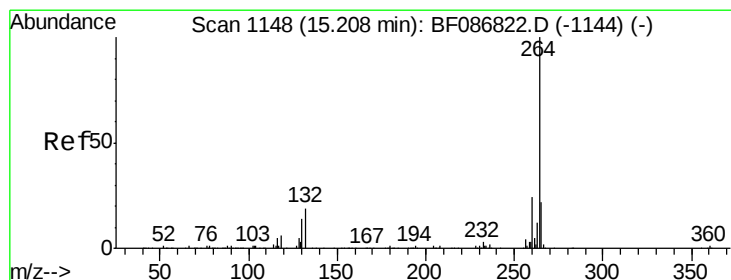
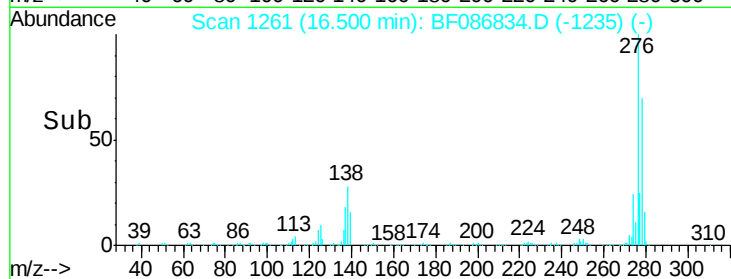
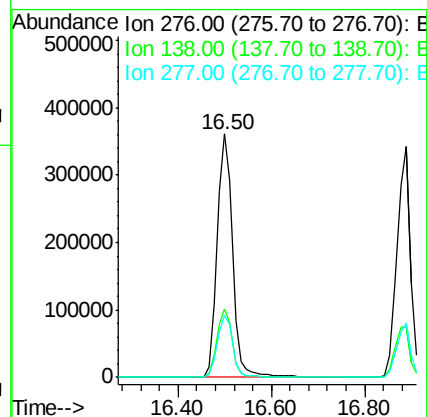
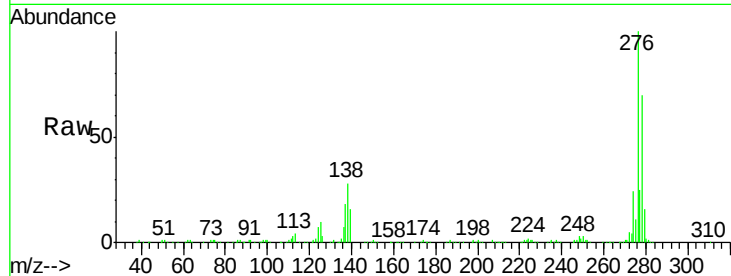




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.23 ng
RT: 16.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

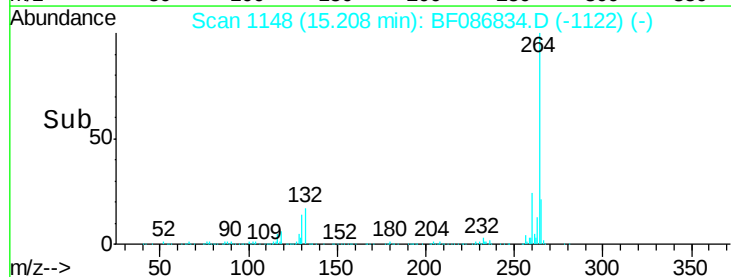
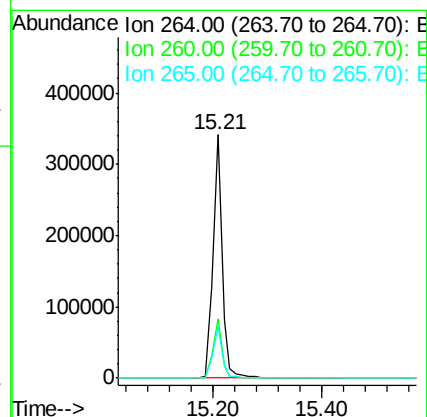
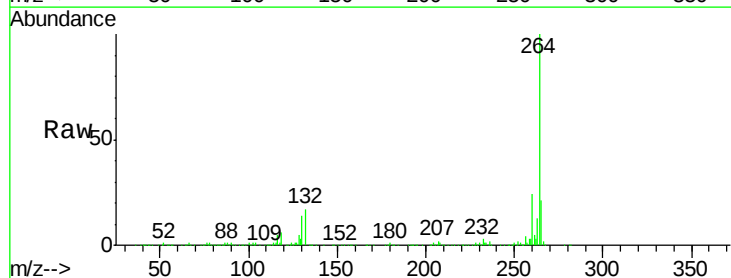
Instrument :
BNA_F
ClientSampleId :
PB90374BS

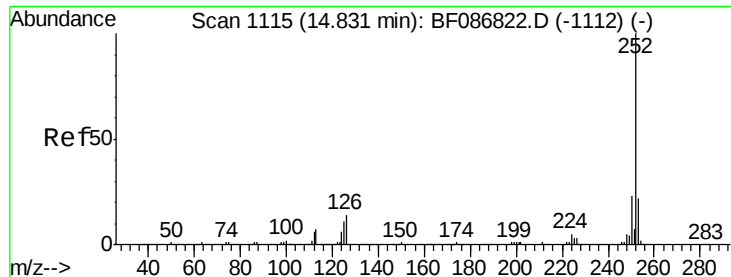
Tgt Ion: 276 Resp: 837418
Ion Ratio Lower Upper
276 100
138 28.0 25.6 38.4
277 25.1 20.5 30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion: 264 Resp: 401366
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.3 17.3 25.9

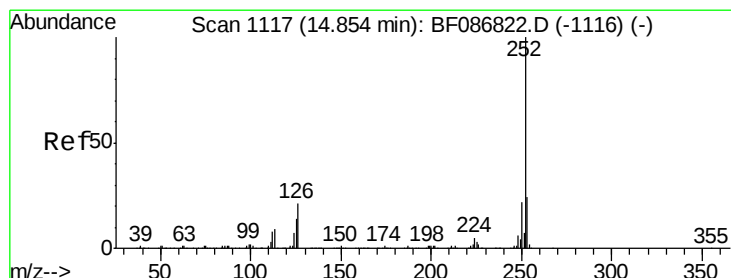
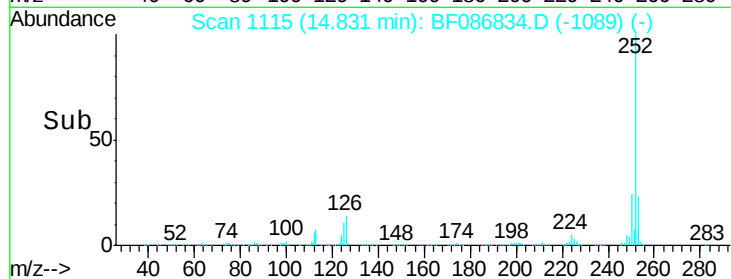
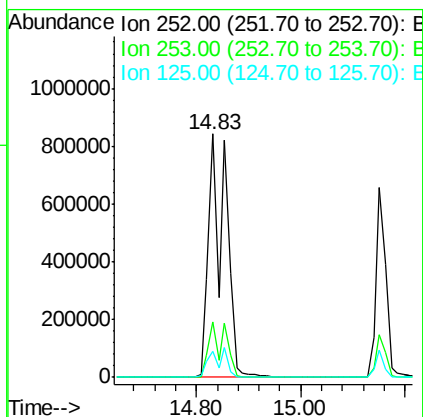
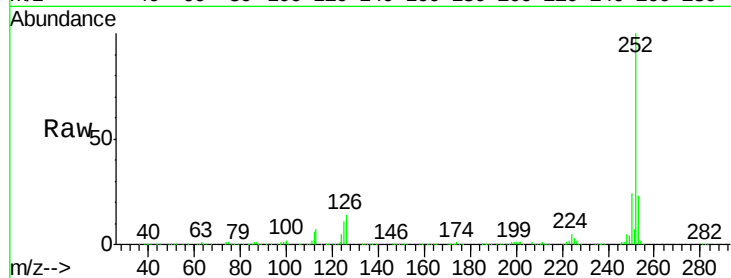




#87
Benzo(b)fluoranthene
Concen: 72.13 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

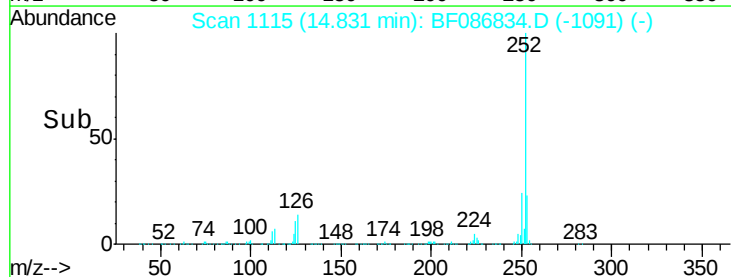
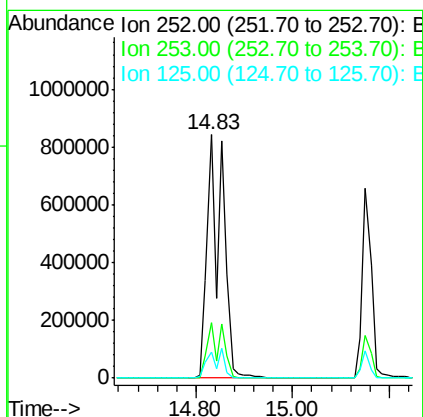
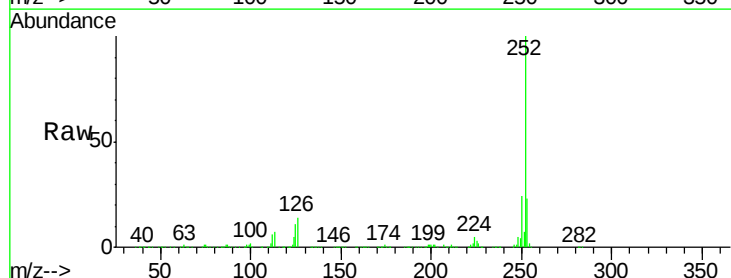
Instrument :
BNA_F
ClientSampleId :
PB90374BS

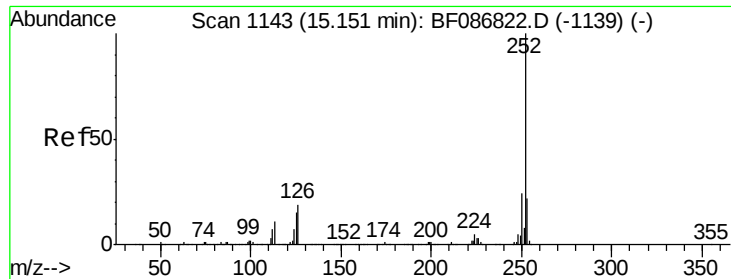
Tgt Ion:252 Resp: 1881525
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 11.4 17.0#



#88
Benzo(k)fluoranthene
Concen: 88.15 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF086834.D
Acq: 9 May 2016 21:36

Tgt Ion:252 Resp: 1882721
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 10.8 9.1 13.7





#89

Benzo(a)pyrene

Concen: 38.67 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

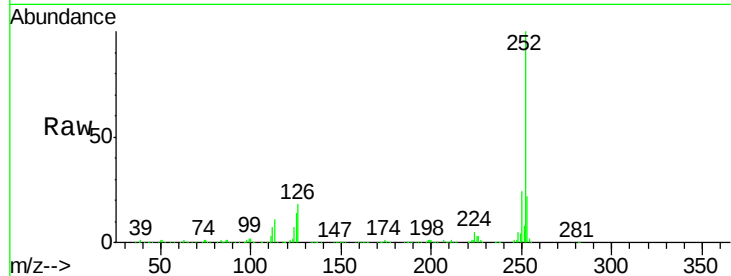
Tgt Ion:252 Resp: 869996

Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

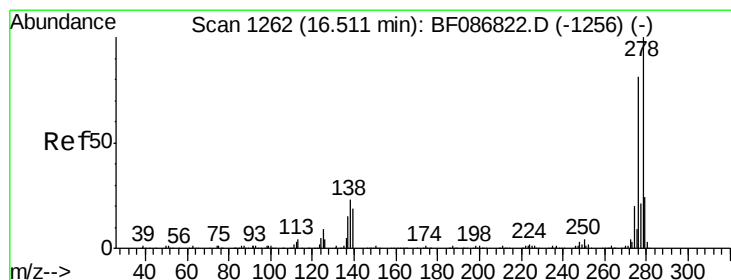
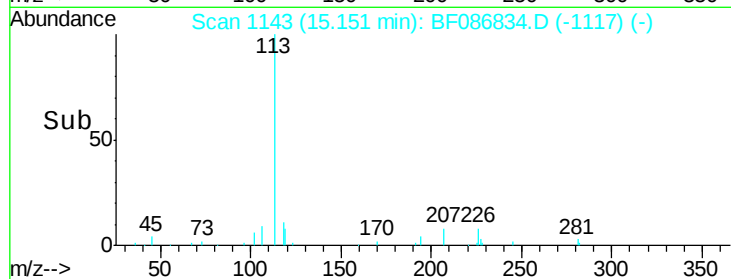
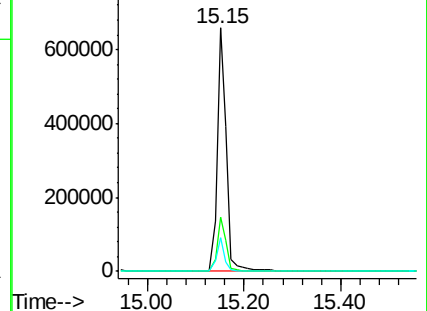
125 14.1 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.73 ng

RT: 16.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

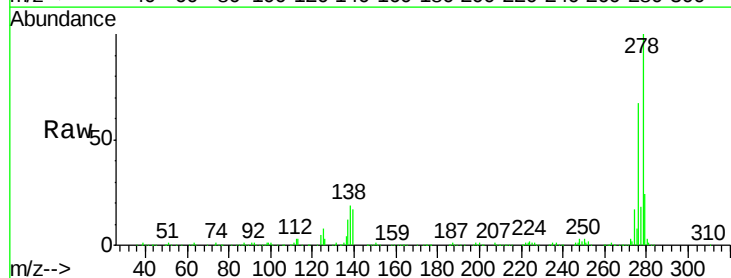
Tgt Ion:278 Resp: 696476

Ion Ratio Lower Upper

278 100

139 16.7 16.6 24.8

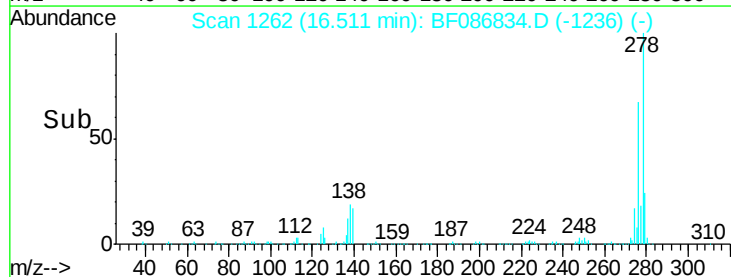
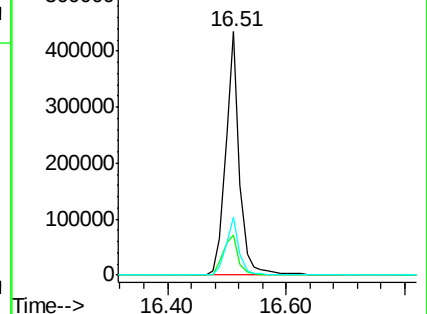
279 23.7 19.6 29.4

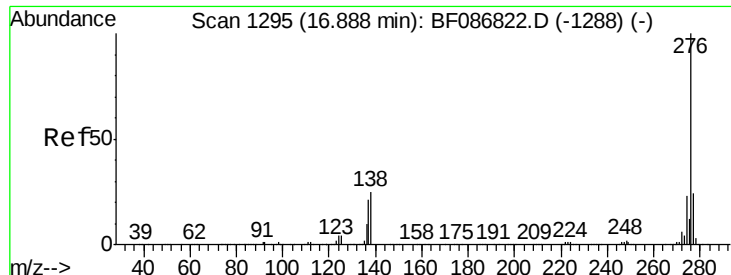


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.39 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF086834.D

Acq: 9 May 2016 21:36

Instrument :

BNA_F

ClientSampleId :

PB90374BS

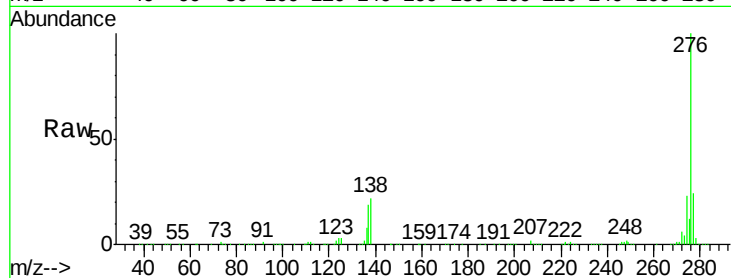
Tgt Ion: 276 Resp: 701079

Ion Ratio Lower Upper

276 100

277 23.6 19.6 29.4

138 21.9 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

