

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086221.D
 Acq On : 15 Apr 2016 17:25
 Operator : UM/SJ
 Sample : PB89820BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Quant Time: Apr 16 00:25:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	271432	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1103034	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	523779	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	910212	20.00	ng	0.00
75) Chrysene-d12	14.05	240	573523	20.00	ng	0.00
86) Perylene-d12	15.48	264	484648	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1783967	107.69	ng	0.01
7) Phenol-d6	6.52	99	2167060	104.58	ng	0.00
23) Nitrobenzene-d5	7.46	82	1509486	78.93	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	447159	106.32	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2344264	82.59	ng	0.00
78) Terphenyl-d14	13.00	244	1744704	76.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	304804	33.36	ng	98
3) Pyridine	3.32	79	936476	39.31	ng	96
4) n-Nitrosodimethylamine	3.26	42	352263	40.93	ng	# 72
6) Aniline	6.56	93	444339	14.88	ng	95
8) 2-Chlorophenol	6.68	128	720330	38.44	ng	# 79
9) Benzaldehyde	6.44	77	229833	15.63	ng	89
10) Phenol	6.53	94	977476	39.61	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	746353	40.20	ng	99
12) 1,3-Dichlorobenzene	6.83	146	728389	36.63	ng	99
13) 1,4-Dichlorobenzene	6.91	146	720224	38.02	ng	99
14) 1,2-Dichlorobenzene	7.07	146	674311	40.10	ng	99
15) Benzyl Alcohol	7.04	79	651884	44.35	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1121370	38.77	ng	100
17) 2-Methylphenol	7.15	107	680982	43.61	ng	94
18) Hexachloroethane	7.41	117	289966	40.58	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	470874	35.51	ng	# 87
20) 3+4-Methylphenols	7.30	107	656449	37.53	ng	94
22) Acetophenone	7.31	105	923609	44.83	ng	# 94
24) Nitrobenzene	7.48	77	856014	40.94	ng	91
25) Isophorone	7.72	82	1545102	40.72	ng	99
26) 2-Nitrophenol	7.79	139	371478	40.75	ng	93
27) 2,4-Dimethylphenol	7.84	122	772610	41.97	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	889027	39.85	ng	100
29) 2,4-Dichlorophenol	8.03	162	566839	40.50	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	580065	39.60	ng	99
31) Naphthalene	8.20	128	2013292	40.87	ng	100
32) Benzoic acid	7.94	122	481444	40.91	ng	96
33) 4-Chloroaniline	8.25	127	168134	7.64	ng	94
34) Hexachlorobutadiene	8.33	225	301173	41.04	ng	99
35) Caprolactam	8.61	113	212919	42.01	ng	# 56
36) 4-Chloro-3-methylphenol	8.73	107	653370	40.28	ng	95
37) 2-Methylnaphthalene	8.90	142	1395436	43.81	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	423808	36.83	ng	97
40) Hexachlorocyclopentadiene	9.05	237	474226	76.81	ng	100

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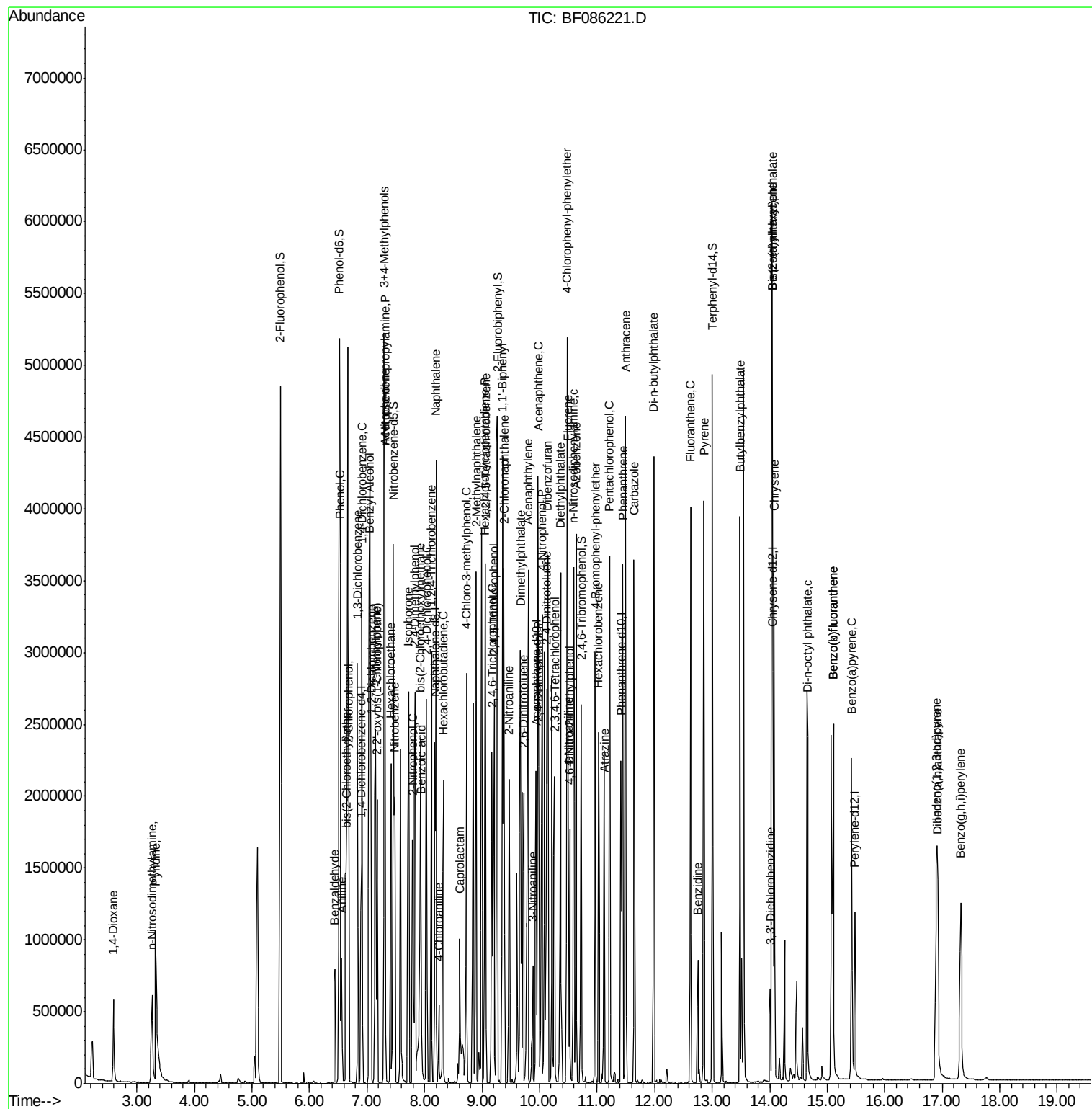
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	413971	40.12	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	388298	38.96	ng	# 90
45) 1,1'-Biphenyl	9.36	154	1444156	38.30	ng	100
46) 2-Chloronaphthalene	9.38	162	1154947	37.52	ng	99
47) 2-Nitroaniline	9.47	65	391084	39.22	ng	96
48) Acenaphthylene	9.80	152	2055353	41.96	ng	99
49) Dimethylphthalate	9.66	163	1530191	40.18	ng	99
50) 2,6-Dinitrotoluene	9.72	165	363842	43.18	ng	96
51) Acenaphthene	9.97	154	1298717	44.38	ng	100
52) 3-Nitroaniline	9.88	138	145186	14.18	ng	85
53) 2,4-Dinitrophenol	9.98	184	236450	76.02	ng	91
54) Dibenzofuran	10.14	168	1735149	44.90	ng	96
55) 4-Nitrophenol	10.04	139	627259	78.30	ng	90
56) 2,4-Dinitrotoluene	10.12	165	480161	44.51	ng	# 84
57) Fluorene	10.49	166	1135505	42.82	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	312352	43.15	ng	99
59) Diethylphthalate	10.36	149	1431204	36.41	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	458855	40.78	ng	96
61) 4-Nitroaniline	10.50	138	359650	40.64	ng	89
62) Azobenzene	10.64	77	1627068	42.30	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	174950	40.39	ng	93
65) n-Nitrosodiphenylamine	10.59	169	1119912	40.18	ng	99
66) 4-Bromophenyl-phenylether	10.97	248	331884	39.12	ng	90
67) Hexachlorobenzene	11.02	284	360208	40.52	ng	96
68) Atrazine	11.13	200	368013	43.08	ng	93
69) Pentachlorophenol	11.22	266	364309	67.58	ng	97
70) Phenanthrene	11.45	178	1850117	42.56	ng	99
71) Anthracene	11.49	178	1664159	38.32	ng	100
72) Carbazole	11.64	167	1656146	40.06	ng	100
73) Di-n-butylphthalate	11.98	149	2056487	36.79	ng	100
74) Fluoranthene	12.63	202	1636854	43.56	ng	98
76) Benzidine	12.75	184	405730	18.24	ng	97
77) Pyrene	12.85	202	1661932	37.77	ng	99
79) Butylbenzylphthalate	13.48	149	905139	44.53	ng	88
80) Benzo(a)anthracene	14.04	228	1277864	40.59	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	172313	9.44	ng	# 95
82) Chrysene	14.08	228	1166514	34.75	ng	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	881858	40.18	ng	# 98
84) Di-n-octyl phthalate	14.66	149	1922432	45.44	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1161565	42.09	ng	96
87) Benzo(b)fluoranthene	15.11	252	2350713	78.62	ng	98
88) Benzo(k)fluoranthene	15.11	252	2354130	86.35	ng	98
89) Benzo(a)pyrene	15.43	252	1090669	42.11	ng	98
90) Dibenzo(a,h)anthracene	16.92	278	969747	42.37	ng	99
91) Benzo(g,h,i)perylene	17.32	276	1023409	42.05	ng	95

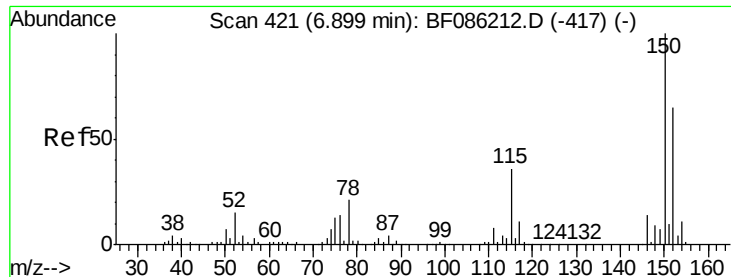
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

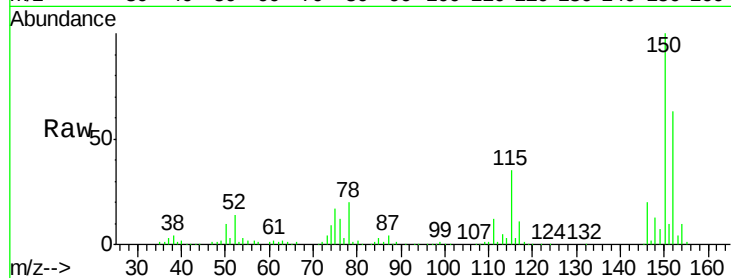
Tgt Ion:152 Resp: 271432

Ion Ratio Lower Upper

152 100

150 159.8 124.1 186.1

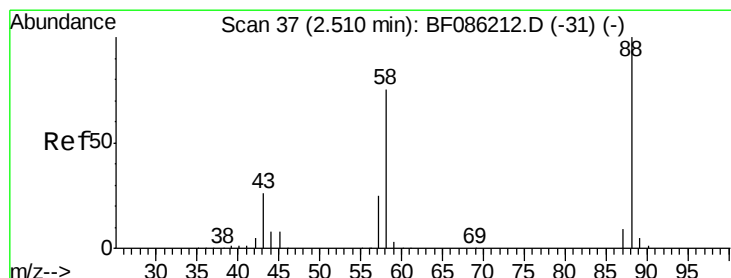
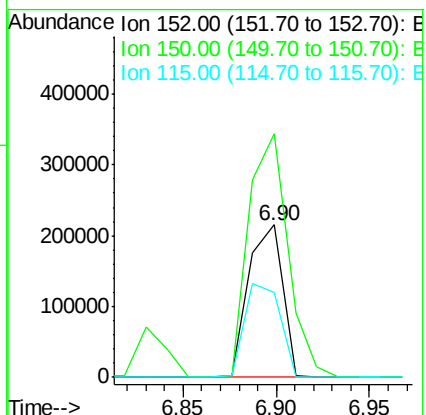
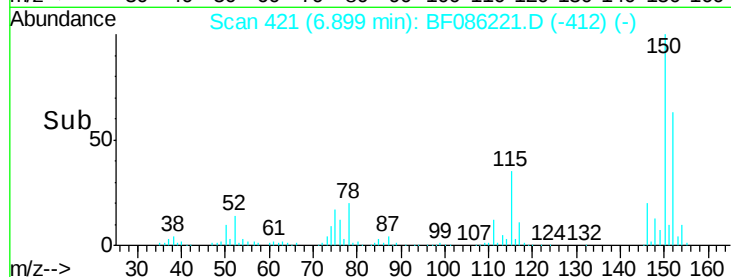
115 55.5 43.9 65.9



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: 33.36 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.08 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

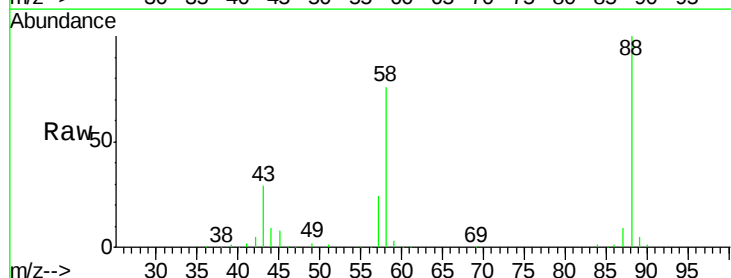
Tgt Ion: 88 Resp: 304804

Ion Ratio Lower Upper

88 100

58 74.1 58.4 87.6

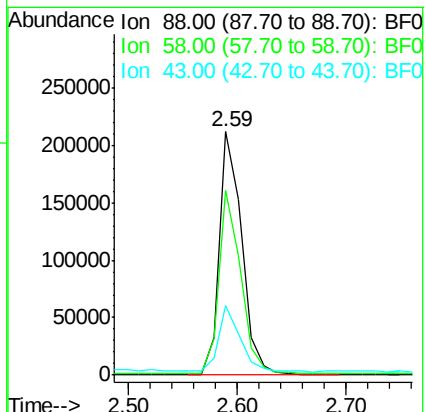
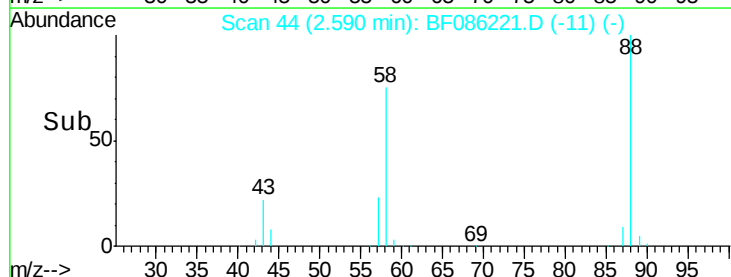
43 26.4 23.3 34.9

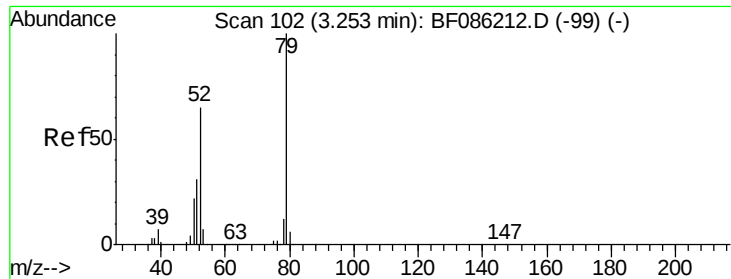


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

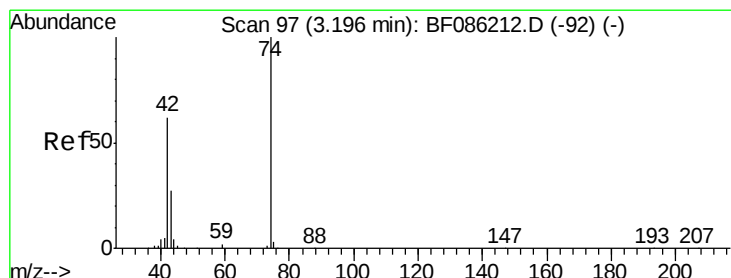
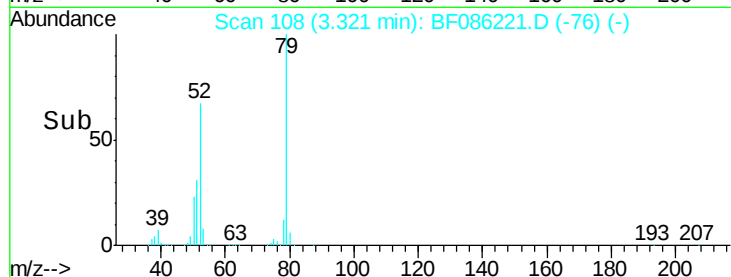
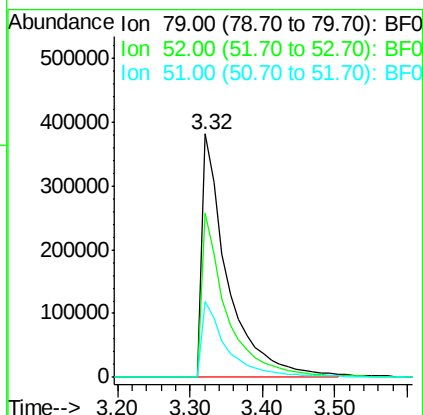
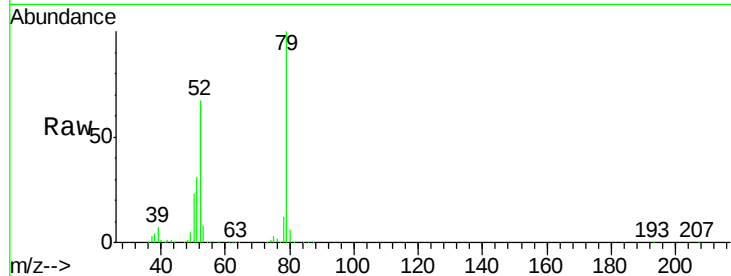




#3
 Pyridine
 Concen: 39.31 ng
 RT: 3.32 min Scan# 108
 Delta R.T. 0.07 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

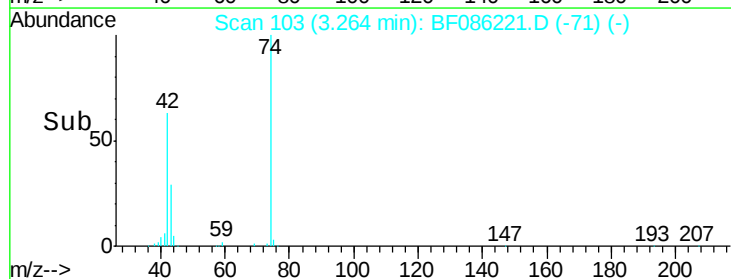
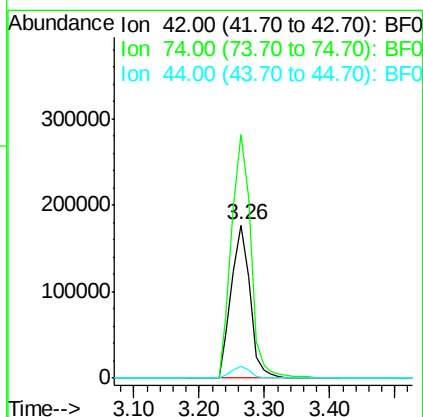
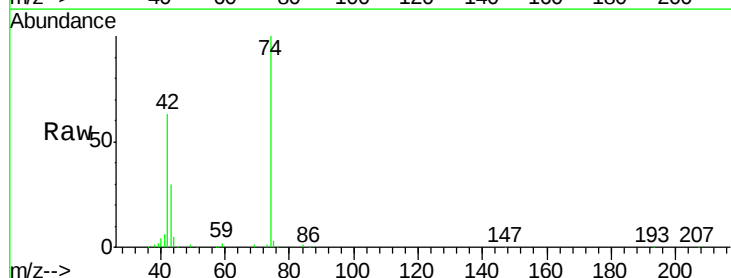
Instrument :
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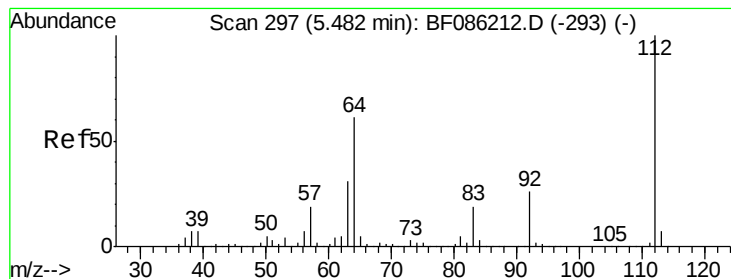
Tgt Ion: 79 Resp: 936476
 Ion Ratio Lower Upper
 79 100
 52 67.4 55.4 83.2
 51 31.3 28.1 42.1



#4
 n-Nitrosodimethylamine
 Concen: 40.93 ng
 RT: 3.26 min Scan# 103
 Delta R.T. 0.07 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion: 42 Resp: 352263
 Ion Ratio Lower Upper
 42 100
 74 159.1 100.5 150.7#
 44 7.5 5.4 8.0





#5

2-Fluorophenol

Concen: 107.69 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

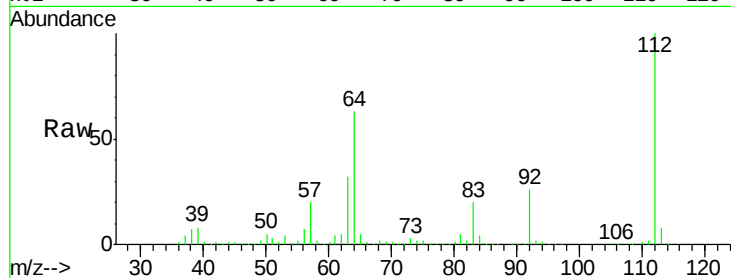
Tgt Ion: 112 Resp: 1783967

Ion Ratio Lower Upper

112 100

64 62.6 48.1 72.1

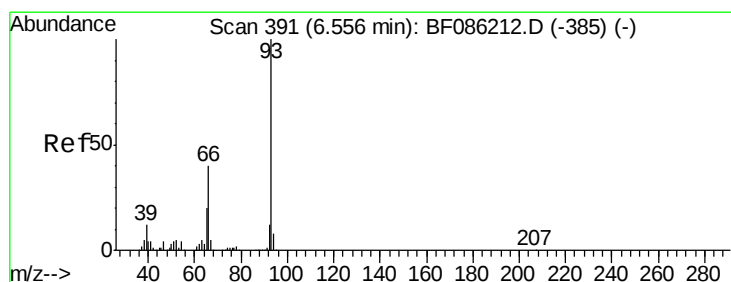
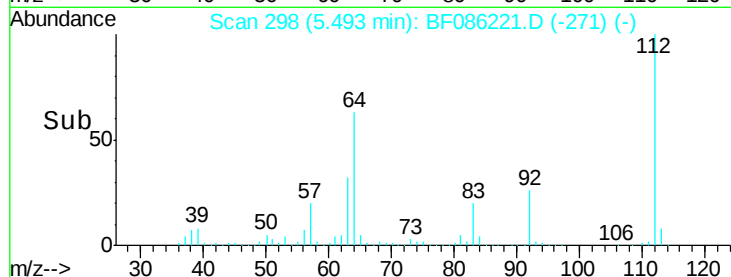
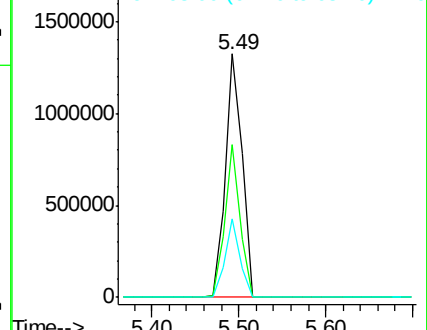
63 32.4 25.5 38.3



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: 14.88 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

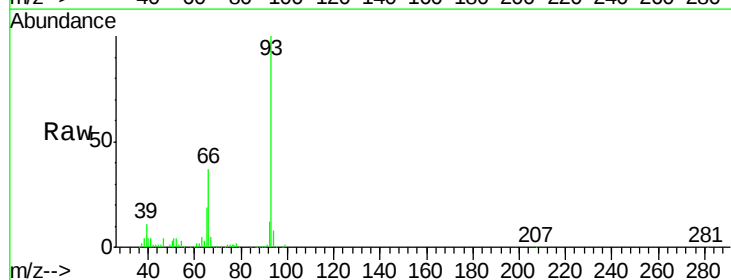
Tgt Ion: 93 Resp: 444339

Ion Ratio Lower Upper

93 100

66 37.0 32.2 48.2

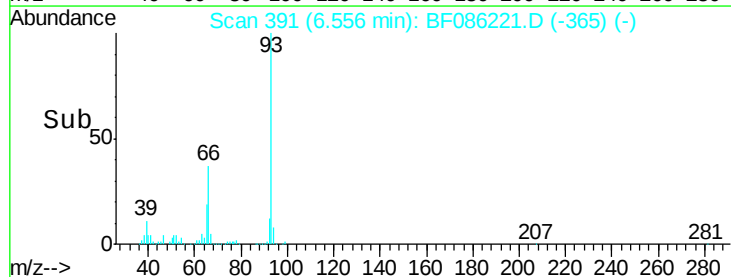
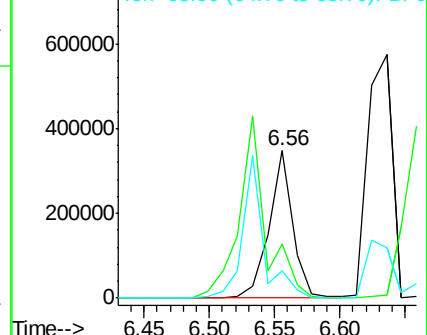
65 18.5 16.4 24.6

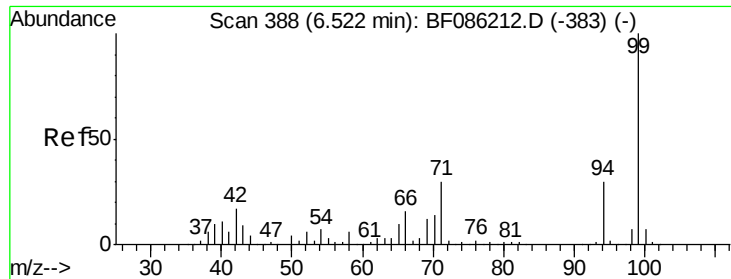


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 104.58 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

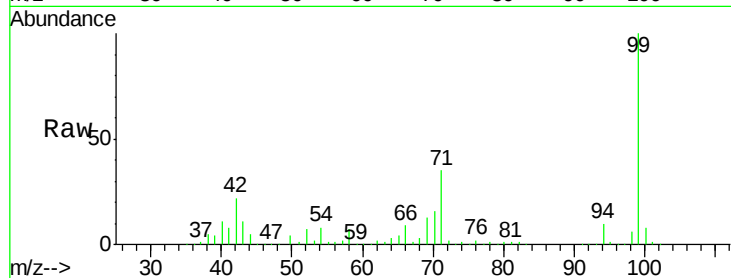
BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 2167060

Ion	Ratio	Lower	Upper
99	100		
42	21.8	15.4	23.2
71	35.1	25.6	38.4

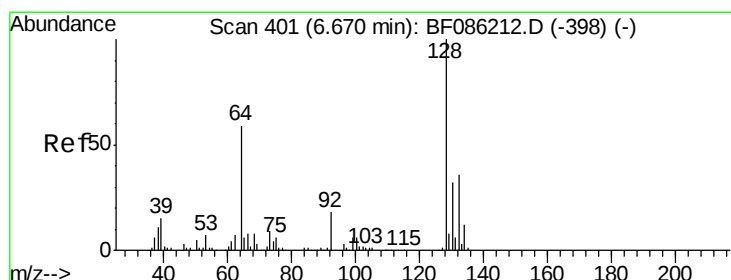
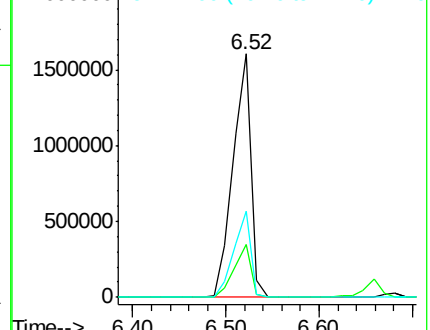
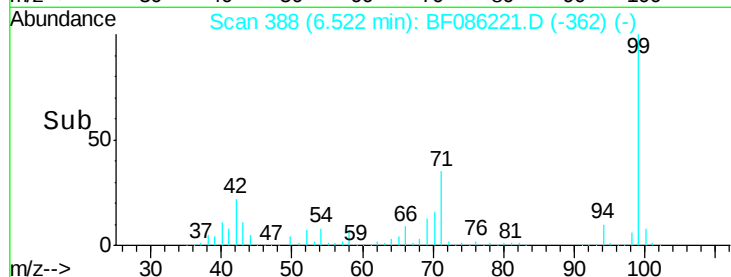


Abundance

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: 38.44 ng

RT: 6.68 min Scan# 402

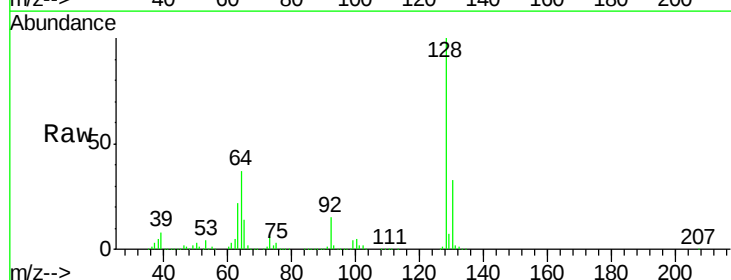
Delta R.T. 0.01 min

Lab File: BF086221.D

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Tgt Ion: 128 Resp: 720330

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.8	51.8
64	36.8	39.5	79.5

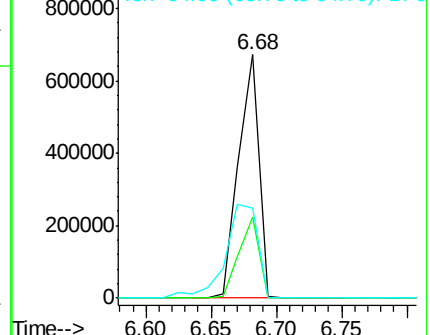
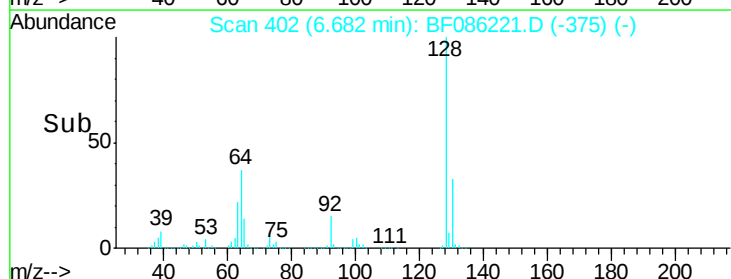


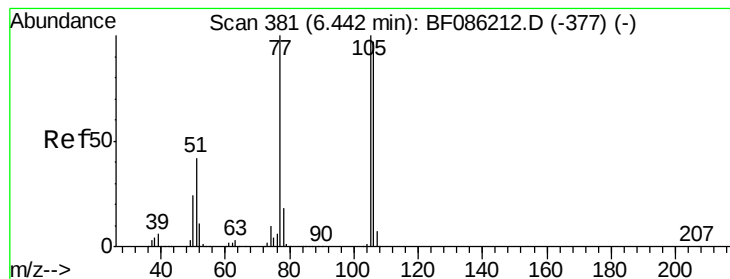
Abundance

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: 15.63 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

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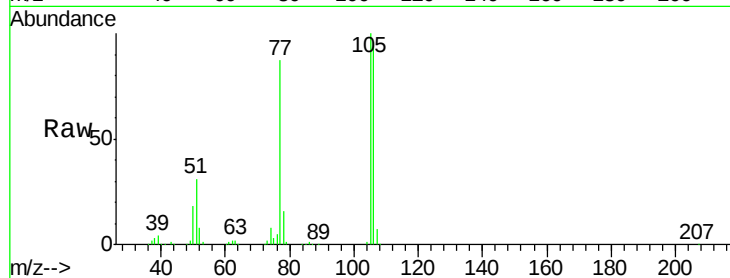
Tgt Ion: 77 Resp: 229833

Ion Ratio Lower Upper

77 100

105 115.5 84.6 124.6

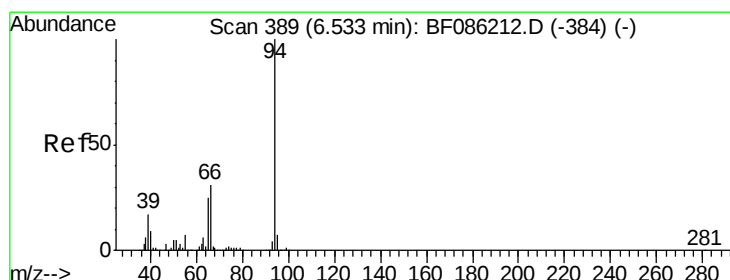
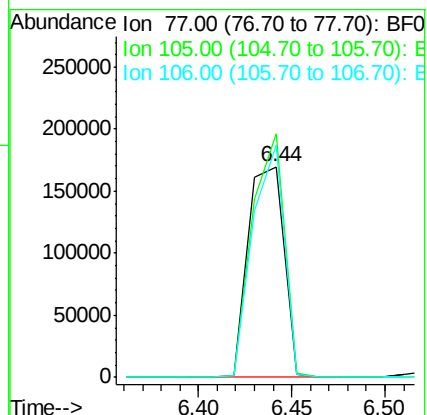
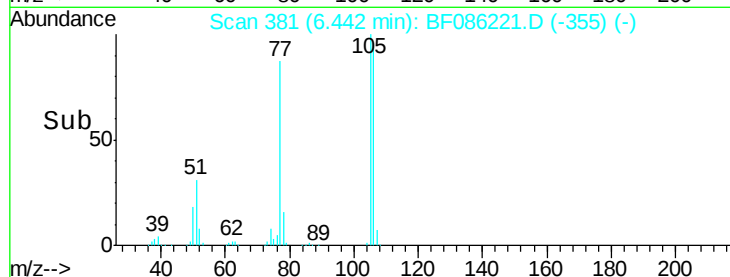
106 110.4 78.6 118.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.61 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

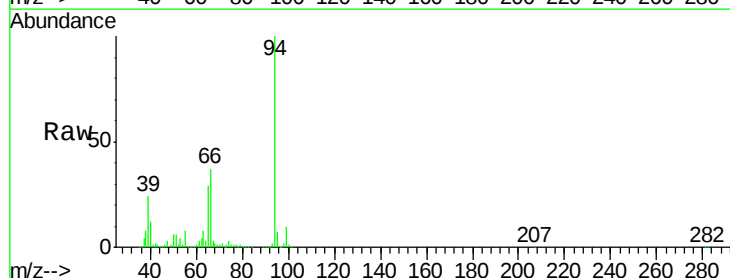
Tgt Ion: 94 Resp: 977476

Ion Ratio Lower Upper

94 100

65 28.6 7.9 47.9

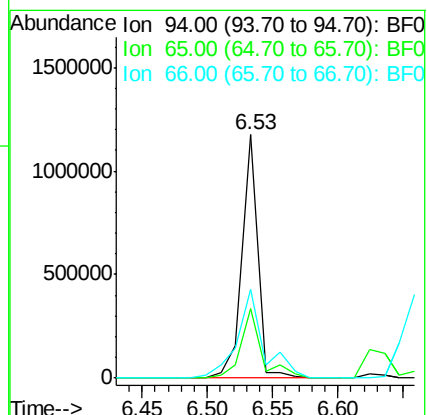
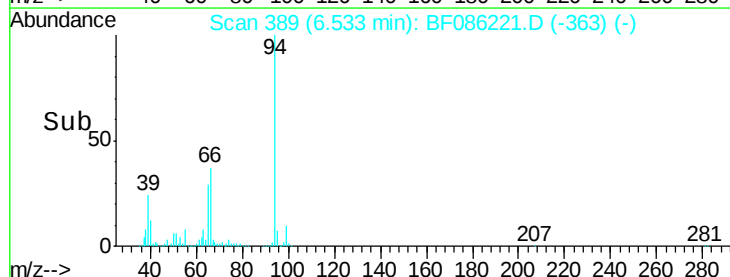
66 36.6 16.5 56.5

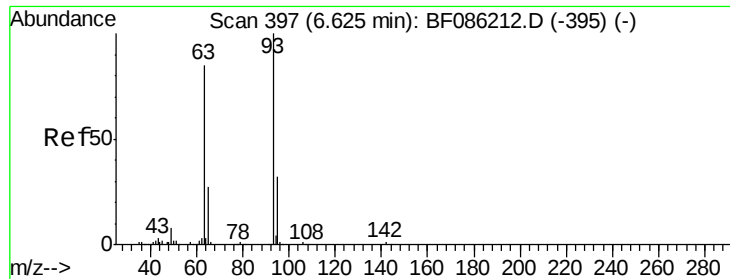


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

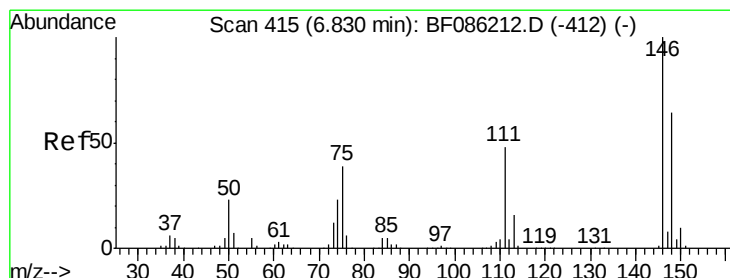
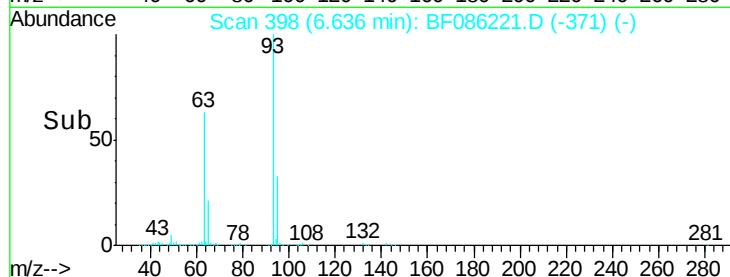
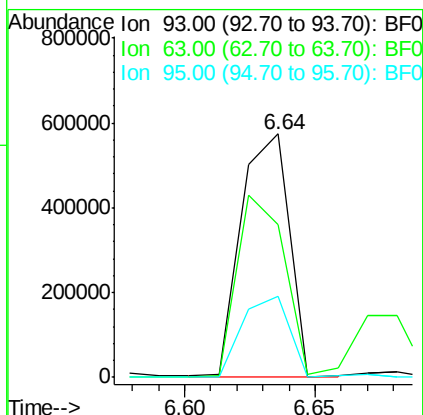
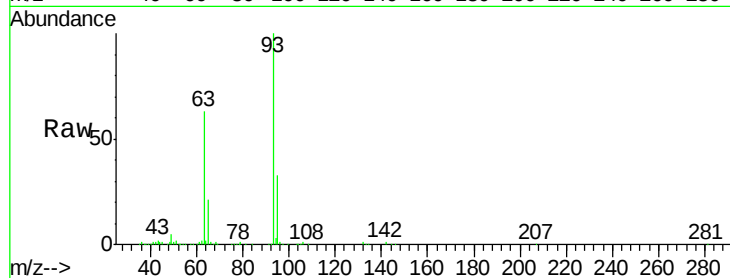




#11
bis(2-Chloroethyl)ether
Concen: 40.20 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

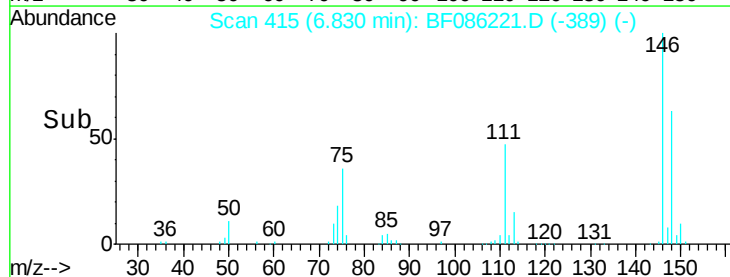
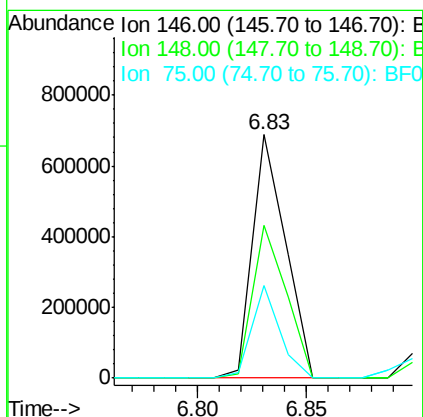
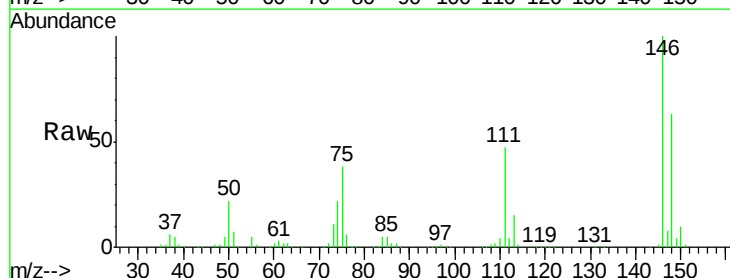
Instrument :
BNA_F
ClientSampleId :
PB89820BS

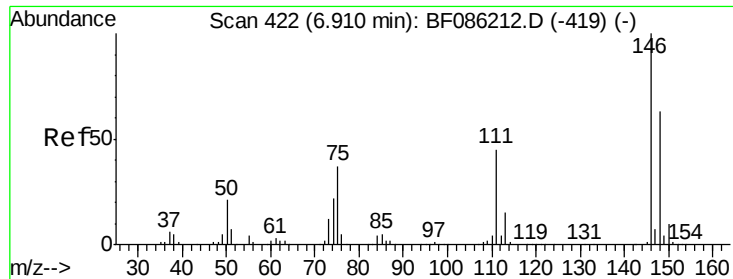
Tgt Ion: 93 Resp: 746353
Ion Ratio Lower Upper
93 100
63 62.8 44.4 84.4
95 33.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 36.63 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion: 146 Resp: 728389
Ion Ratio Lower Upper
146 100
148 62.8 51.0 76.4
75 38.2 29.9 44.9

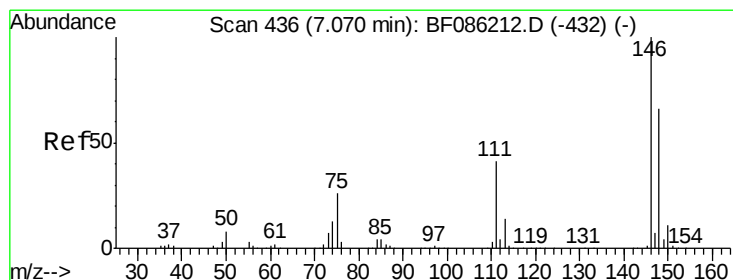
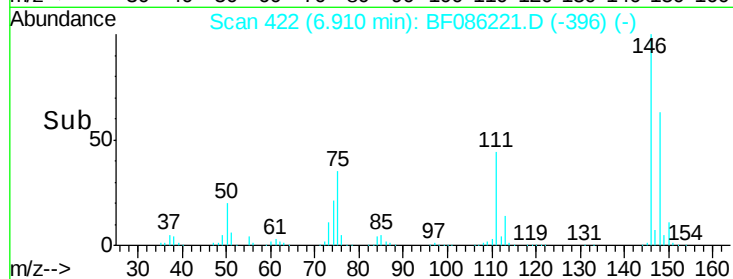
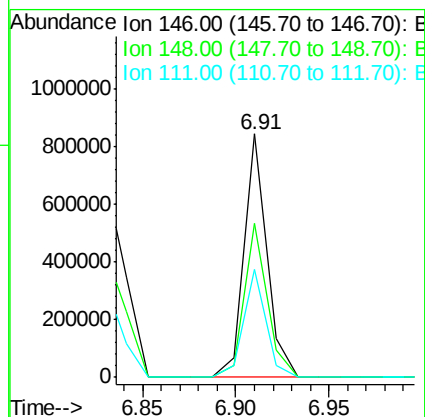
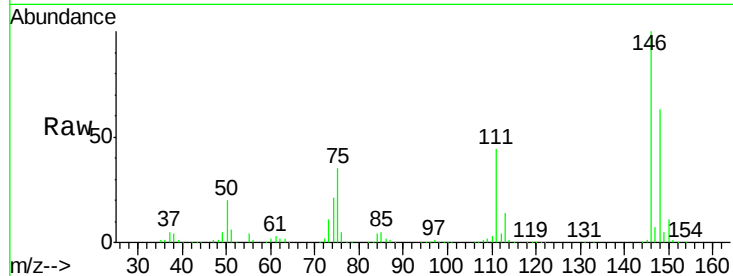




#13
 1,4-Dichlorobenzene
 Concen: 38.02 ng
 RT: 6.91 min Scan# 422
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

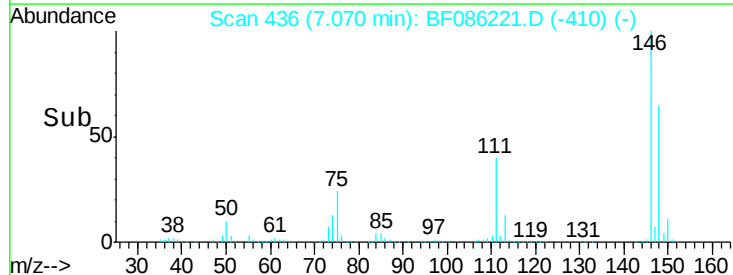
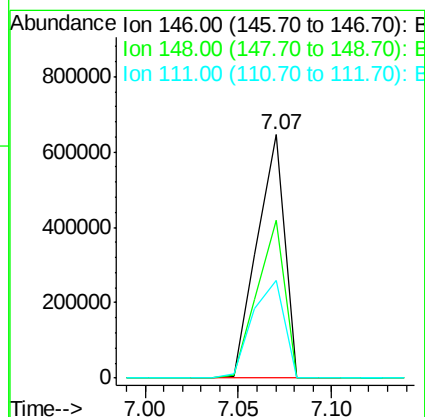
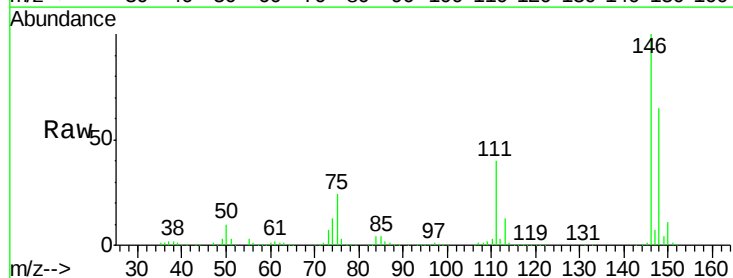
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

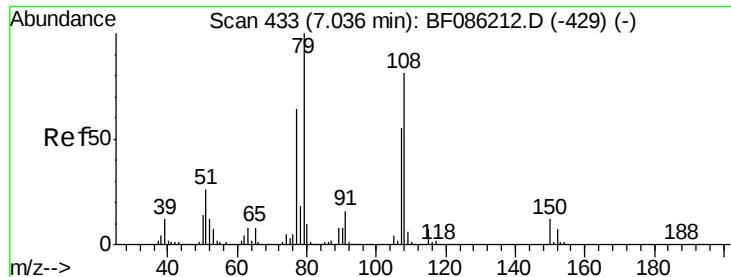
Tgt Ion:146 Resp: 720224
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.8 77.6
 111 44.3 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 40.10 ng
 RT: 7.07 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:146 Resp: 674311
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 39.9 31.0 46.4





#15

Benzyl Alcohol

Concen: 44.35 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

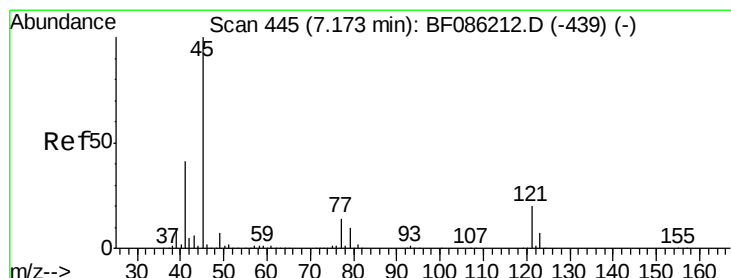
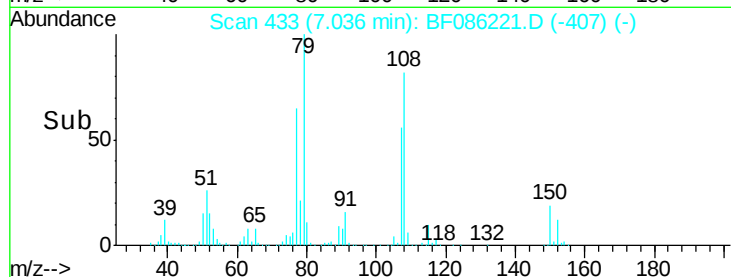
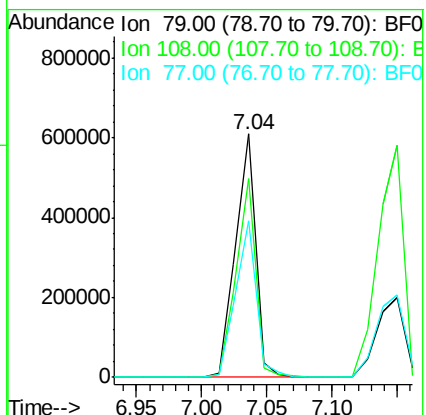
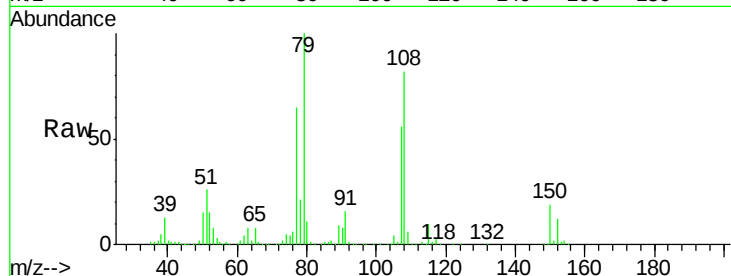
Tgt Ion: 79 Resp: 651884

Ion Ratio Lower Upper

79 100

108 81.5 64.8 97.2

77 64.5 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.77 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

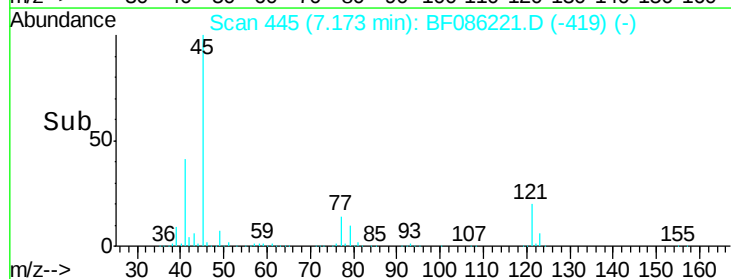
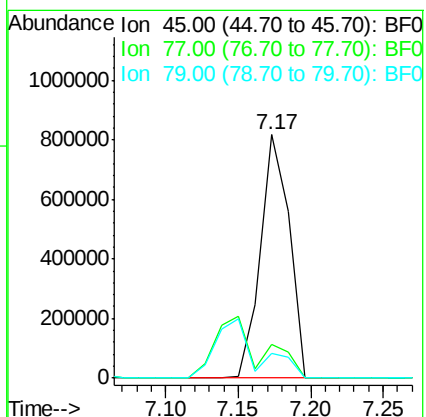
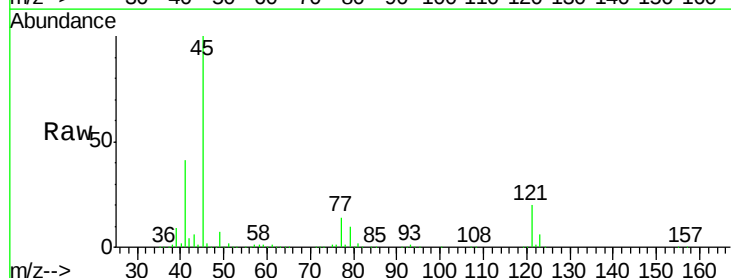
Tgt Ion: 45 Resp: 1121370

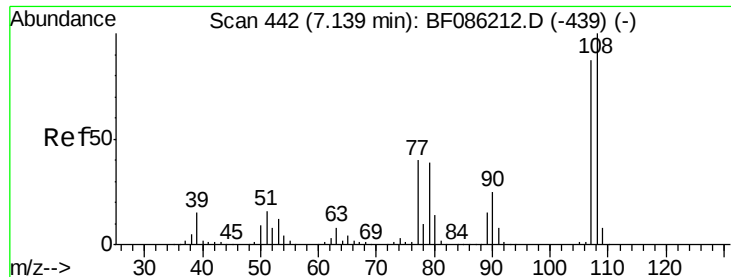
Ion Ratio Lower Upper

45 100

77 13.6 0.0 33.7

79 10.3 0.0 30.1

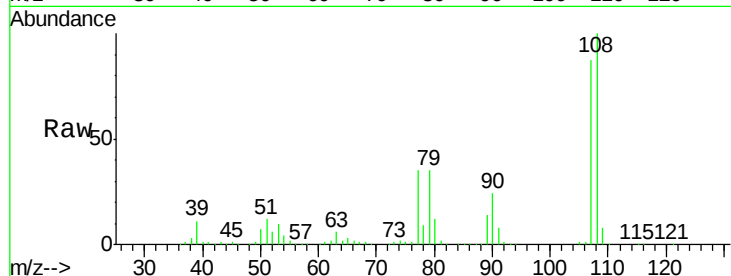




#17
 2-Methylphenol
 Concen: 43.61 ng
 RT: 7.15 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.6	92.7	139.1
77	40.6	39.6	59.4
79	39.7	37.4	56.2



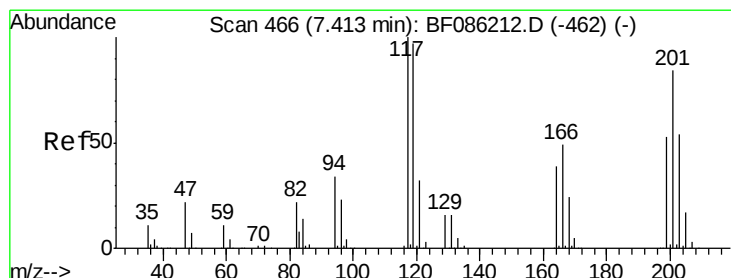
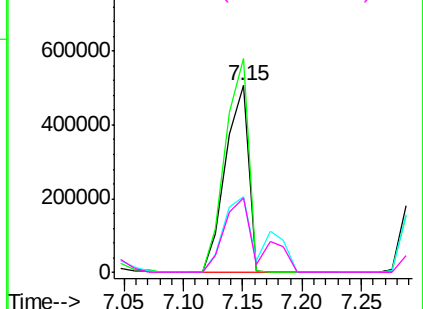
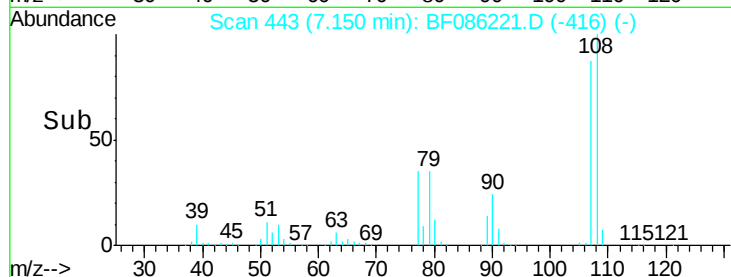
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

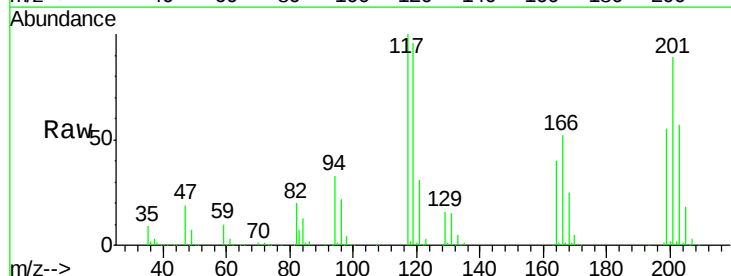
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
 Hexachloroethane
 Concen: 40.58 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.2	117.4
201	88.8	75.7	113.5

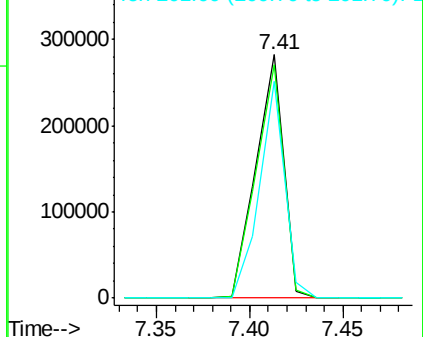
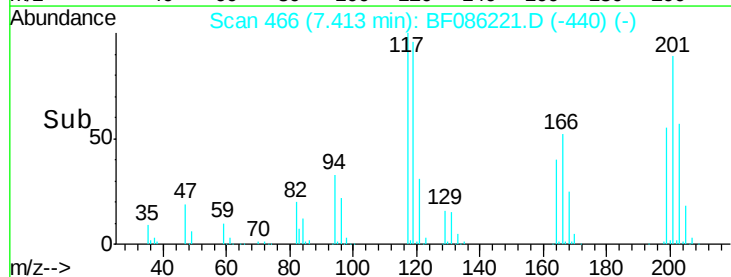


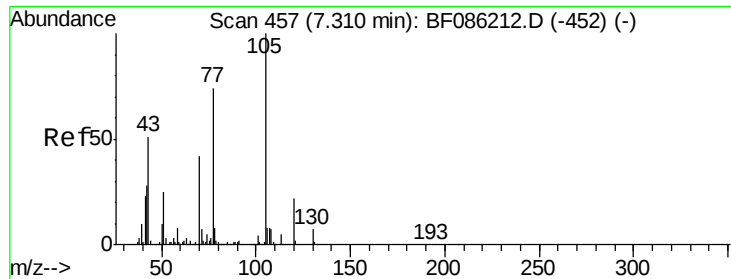
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.51 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

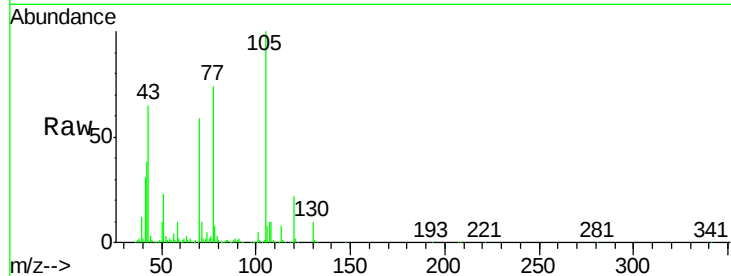
ClientSampleId :

PB89820BS

Tgt Ion: 70 Resp: 470874

Ion Ratio Lower Upper

70	100		
42	63.4	43.0	64.4
101	8.4	8.1	12.1
130	17.5	20.1	30.1#



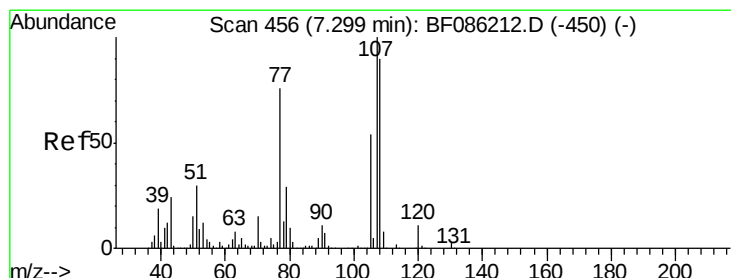
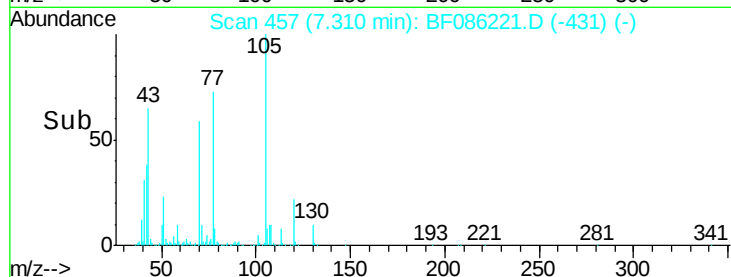
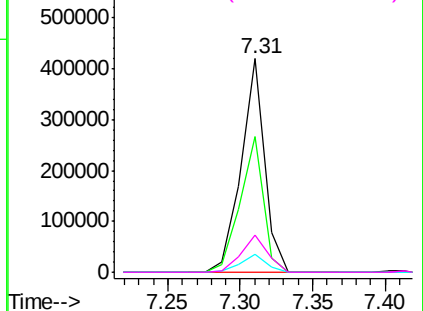
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 37.53 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion: 107 Resp: 656449

Ion Ratio Lower Upper

107	100		
108	89.6	69.7	109.7
77	92.4	60.5	100.5
79	28.5	8.1	48.1

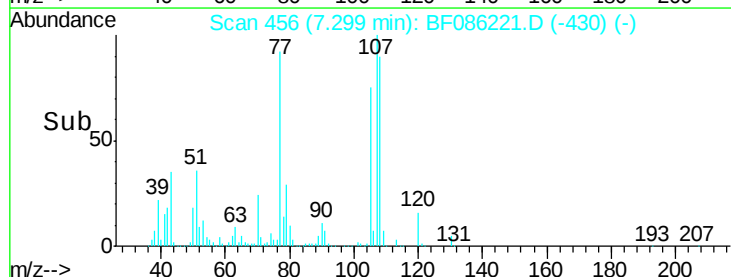
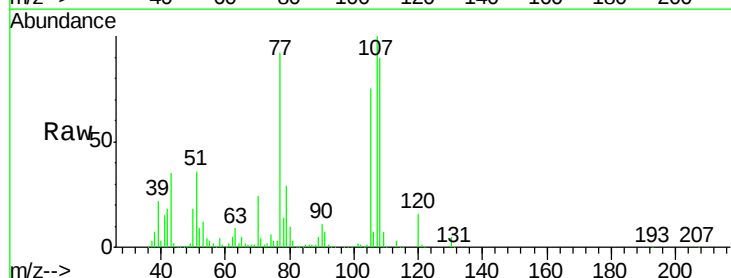
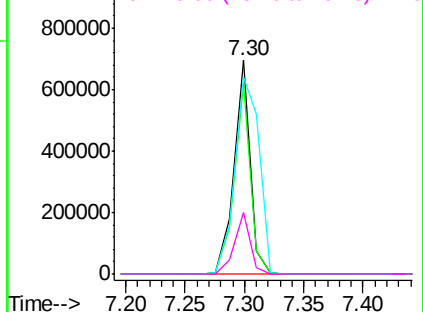
Abundance

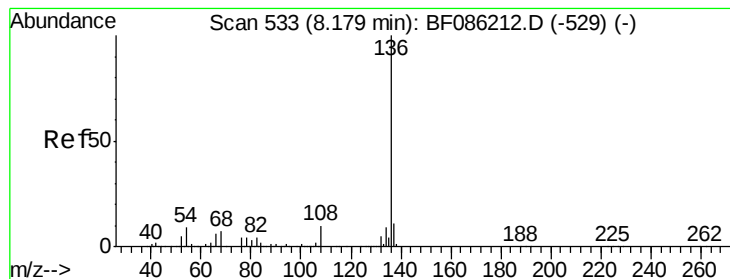
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tgt Ion:136 Resp: 1103034

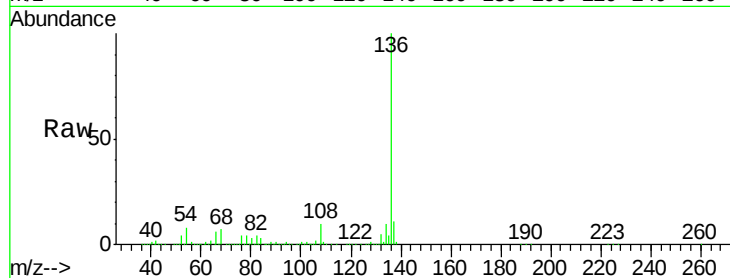
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.3 7.3 10.9

68 7.0 5.7 8.5

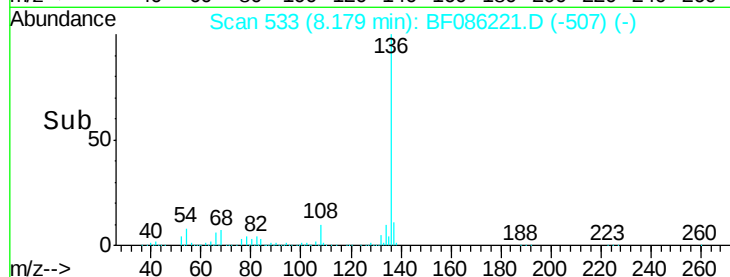


Abundance Ion 136.00 (135.70 to 136.70): E

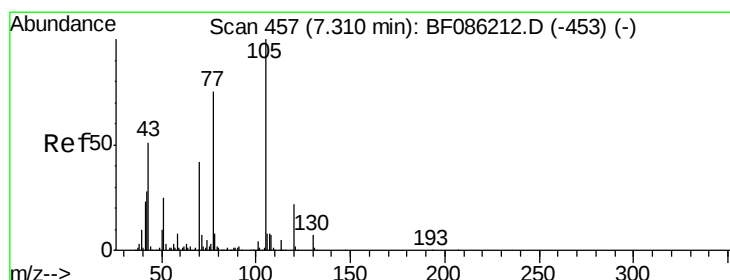
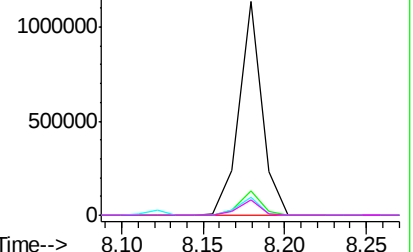
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 44.83 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:105 Resp: 923609

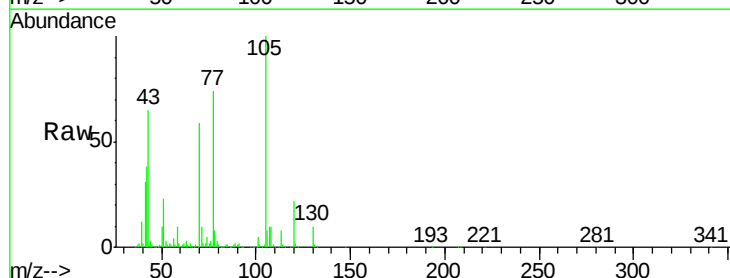
Ion Ratio Lower Upper

105 100

71 9.8 4.0 6.0#

51 23.3 22.0 33.0

120 22.4 17.5 26.3

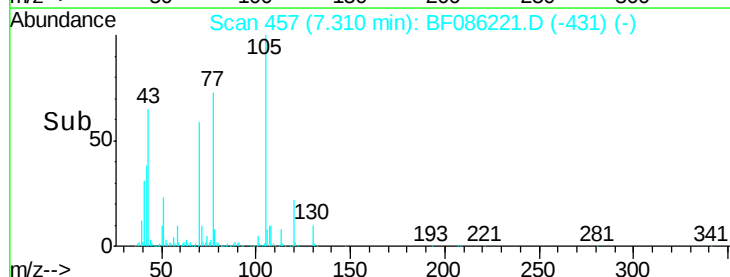


Abundance Ion 105.00 (104.70 to 105.70): E

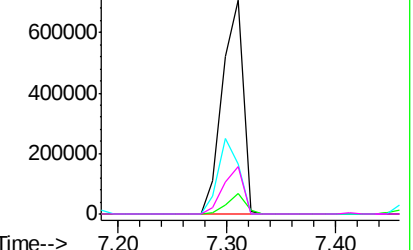
Ion 71.00 (70.70 to 71.70): BF0

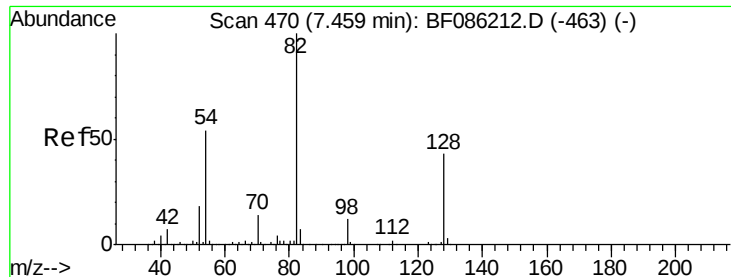
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

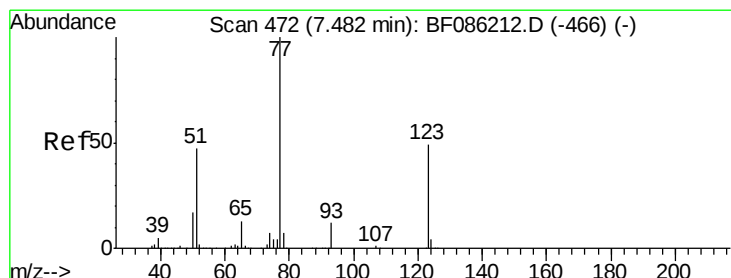
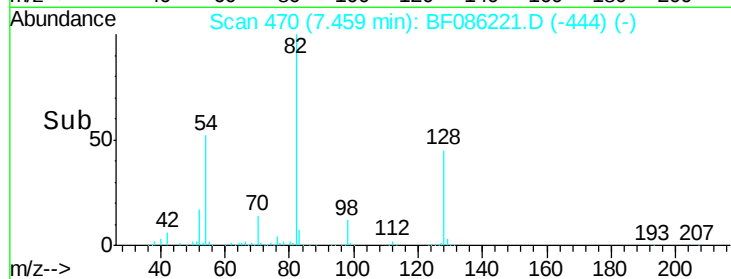
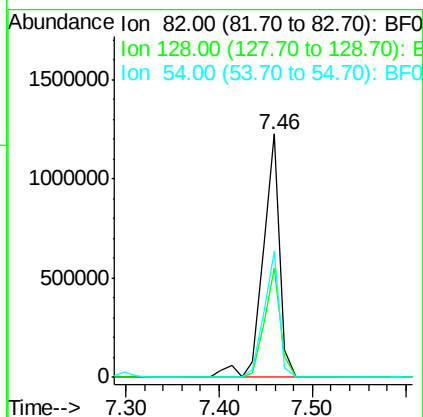
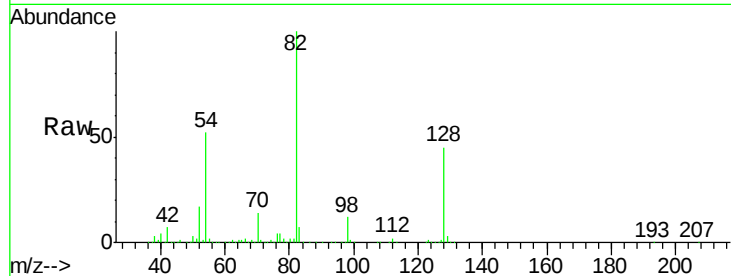




#23
 Nitrobenzene-d5
 Concen: 78.93 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

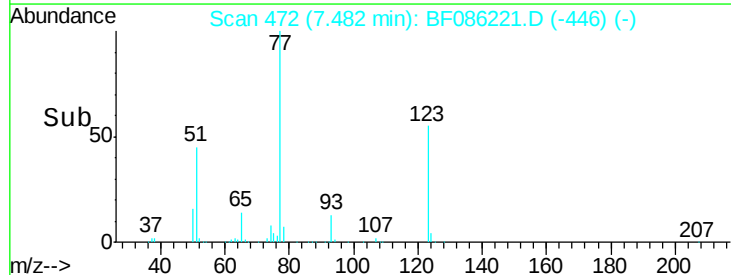
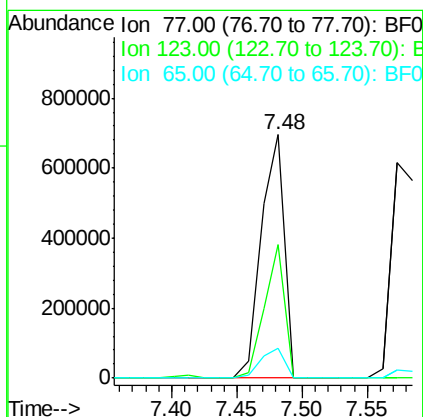
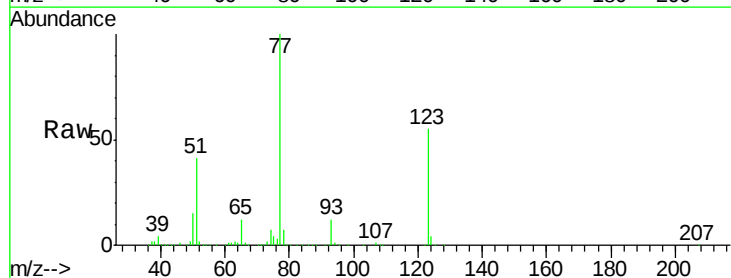
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

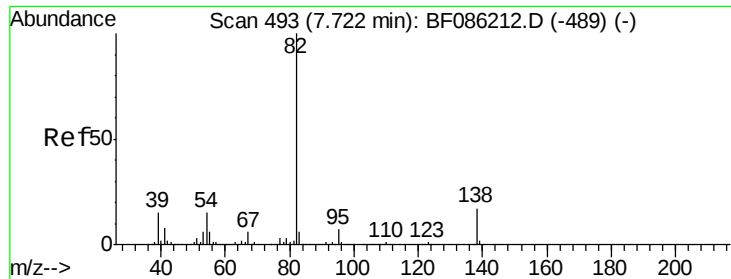
Tgt Ion: 82 Resp: 1509486
 Ion Ratio Lower Upper
 82 100
 128 44.7 35.4 53.2
 54 51.9 43.4 65.0



#24
 Nitrobenzene
 Concen: 40.94 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion: 77 Resp: 856014
 Ion Ratio Lower Upper
 77 100
 123 54.6 38.3 57.5
 65 12.3 11.3 16.9





#25

Isophorone

Concen: 40.72 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

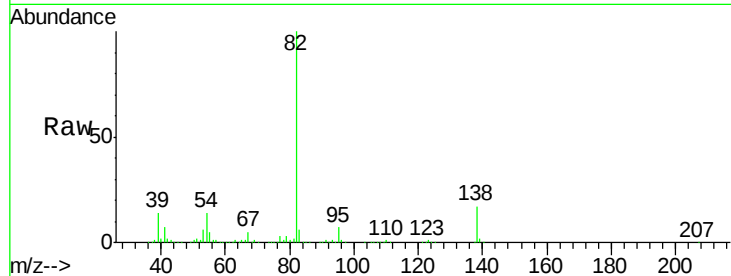
Tgt Ion: 82 Resp: 1545102

Ion Ratio Lower Upper

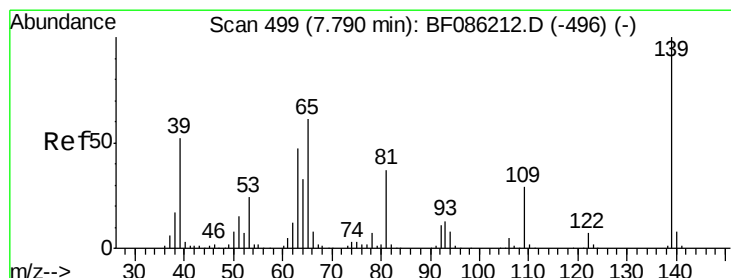
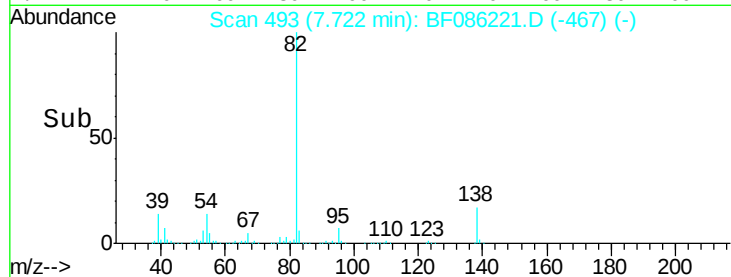
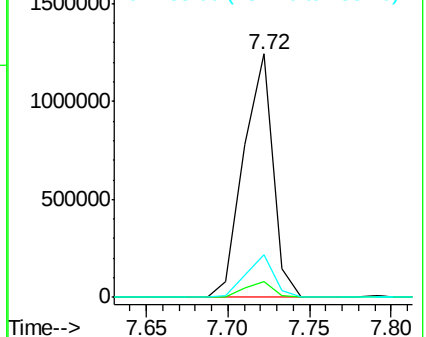
82 100

95 6.7 5.4 8.2

138 17.4 13.4 20.2



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: 40.75 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

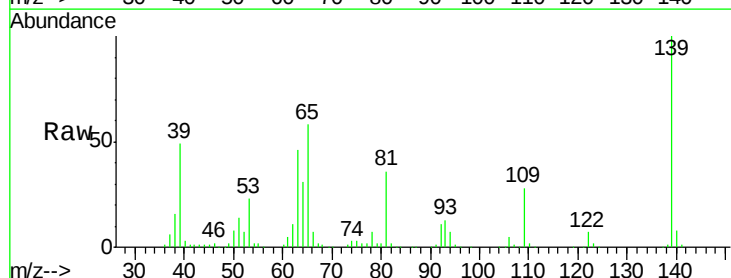
Tgt Ion: 139 Resp: 371478

Ion Ratio Lower Upper

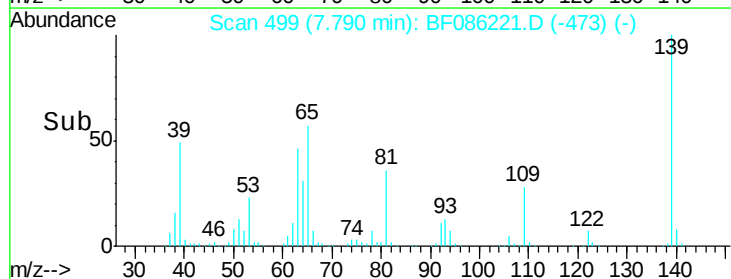
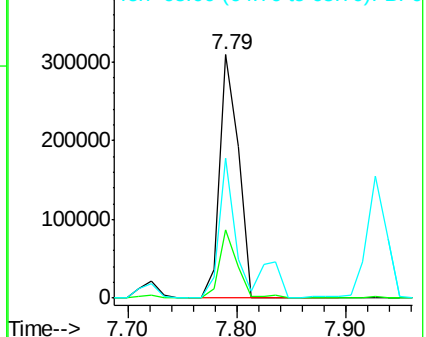
139 100

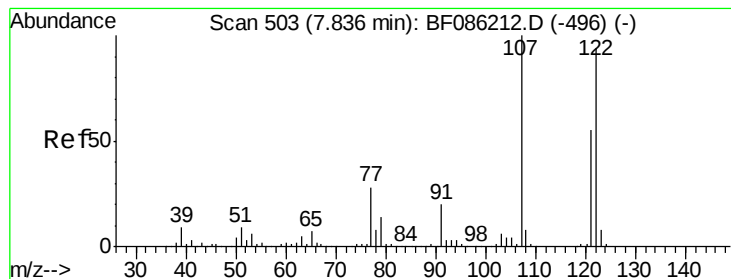
109 28.0 25.8 38.8

65 57.6 50.2 75.2



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: 41.97 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

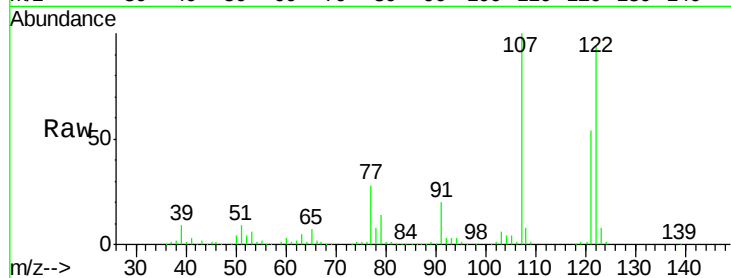
Tgt Ion:122 Resp: 772610

Ion Ratio Lower Upper

122 100

107 106.9 85.8 128.6

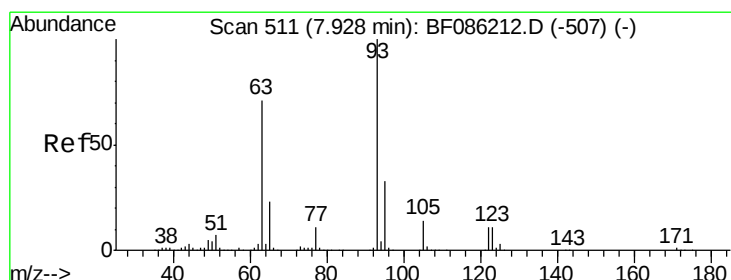
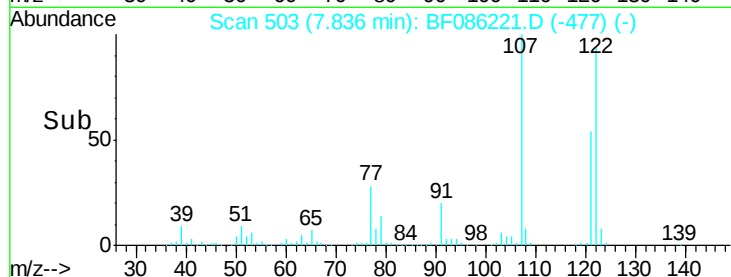
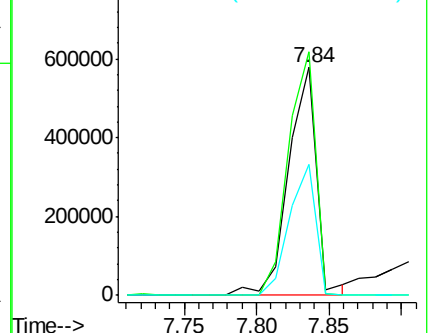
121 57.7 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.85 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

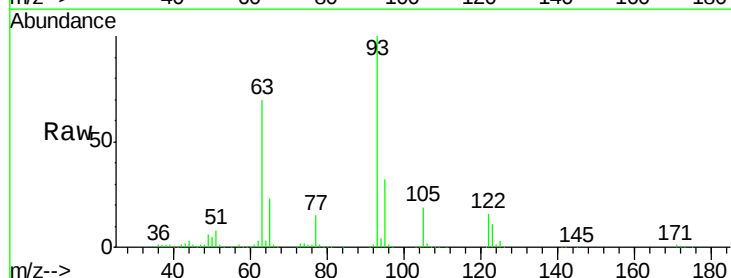
Tgt Ion: 93 Resp: 889027

Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

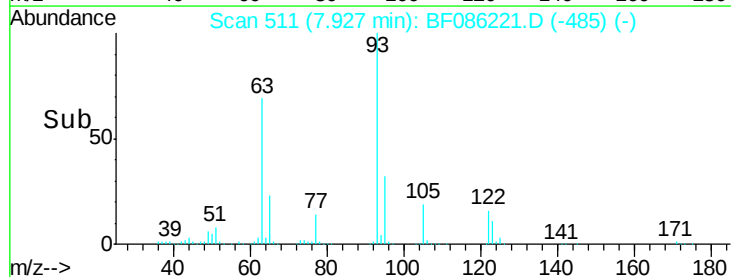
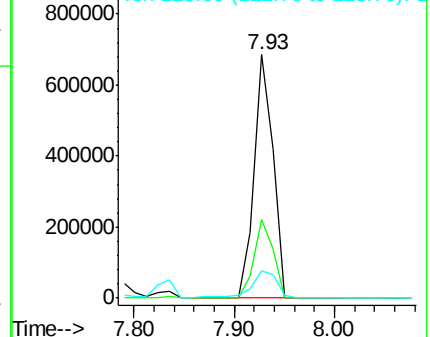
123 11.2 8.9 13.3

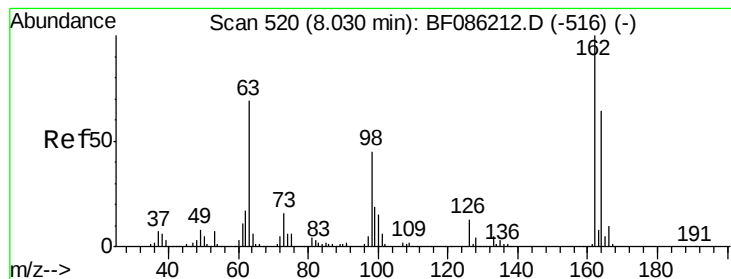


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.50 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

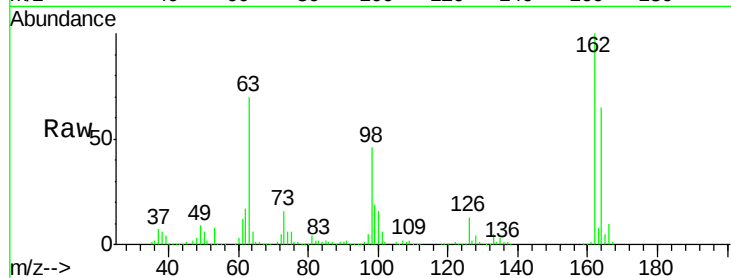
Tgt Ion:162 Resp: 566839

Ion Ratio Lower Upper

162 100

164 64.8 43.3 83.3

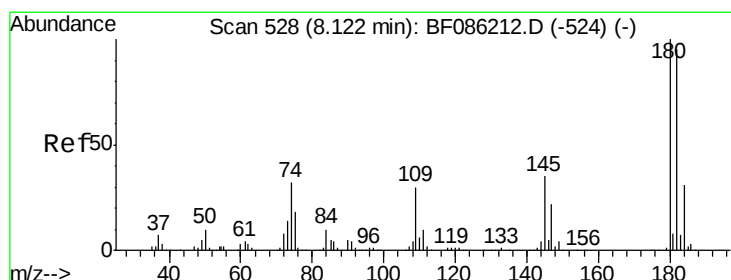
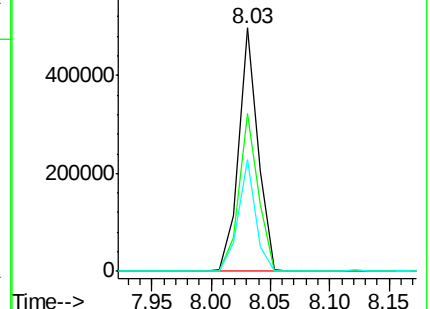
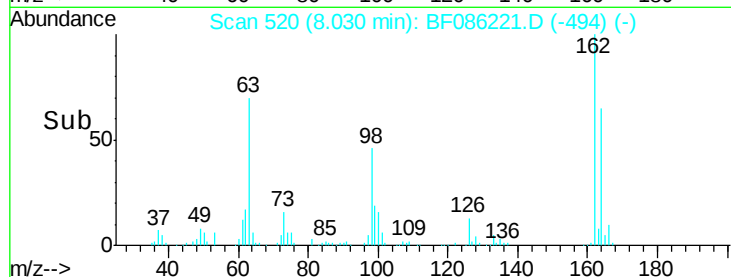
98 46.1 22.9 62.9



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: 39.60 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

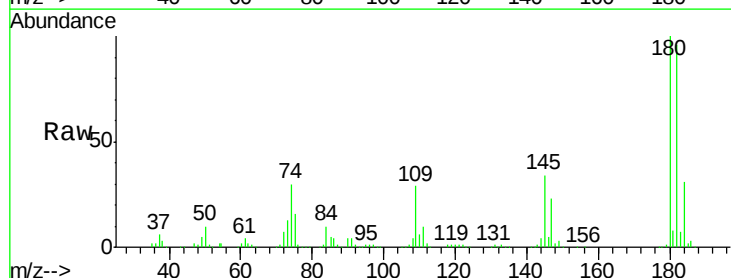
Tgt Ion:180 Resp: 580065

Ion Ratio Lower Upper

180 100

182 96.0 76.3 114.5

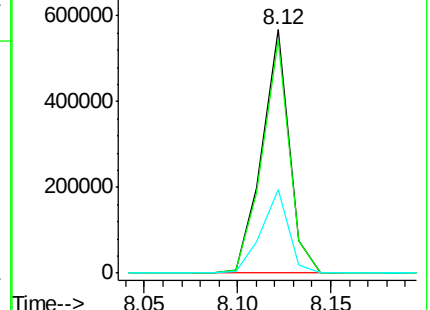
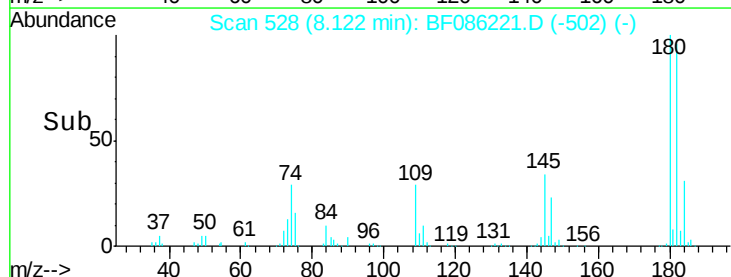
145 34.5 27.4 41.2

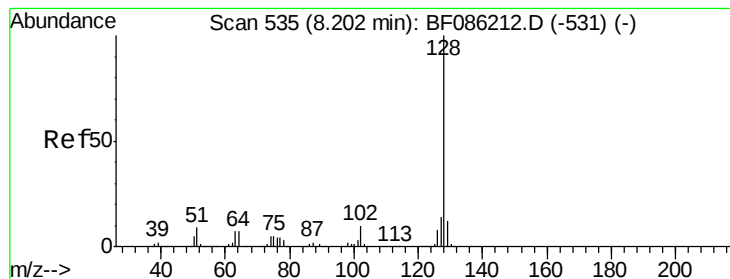


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.87 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

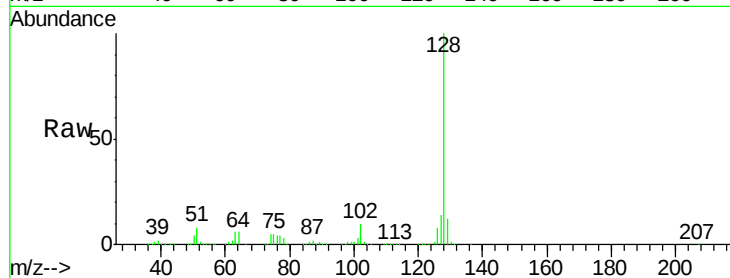
Tgt Ion:128 Resp: 2013292

Ion Ratio Lower Upper

128 100

129 11.7 9.6 14.4

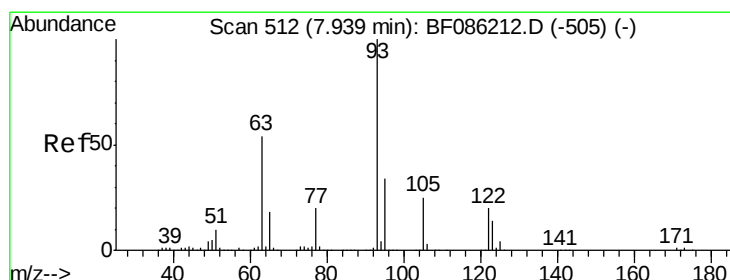
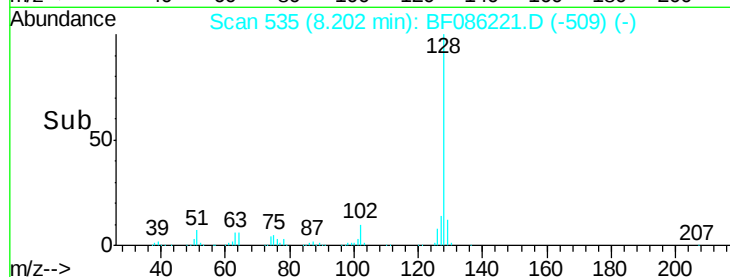
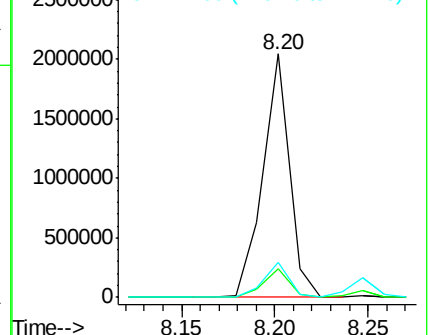
127 14.2 11.4 17.2



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: 40.91 ng

RT: 7.94 min Scan# 512

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

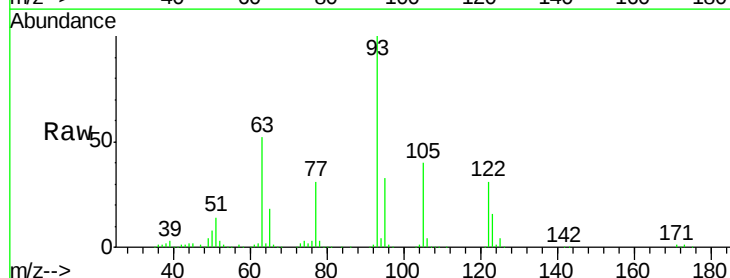
Tgt Ion:122 Resp: 481444

Ion Ratio Lower Upper

122 100

105 127.9 103.7 143.7

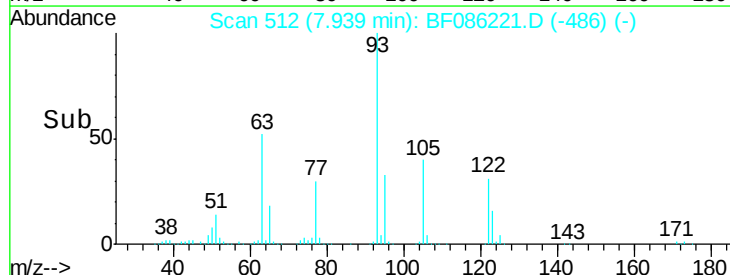
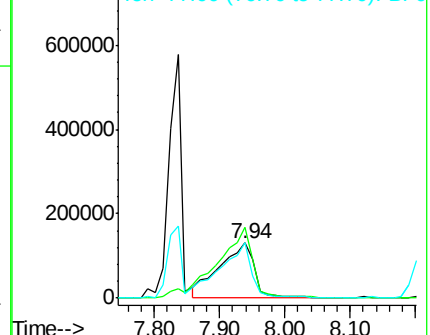
77 99.5 74.9 114.9

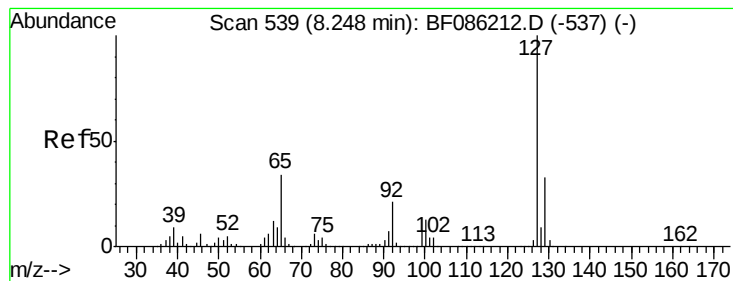


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 7.64 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tgt Ion:127 Resp: 168134

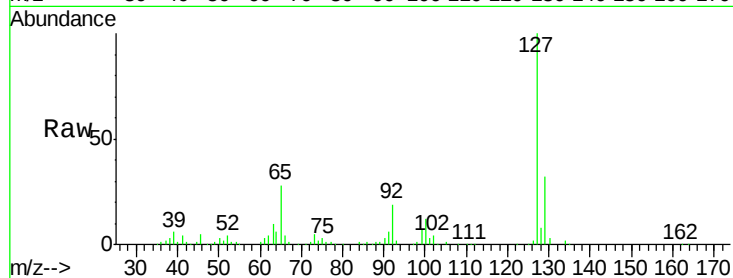
Ion Ratio Lower Upper

127 100

129 31.7 26.8 40.2

65 28.3 27.1 40.7

92 18.8 16.2 24.2

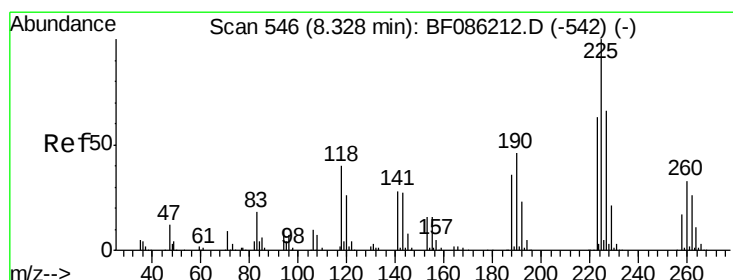
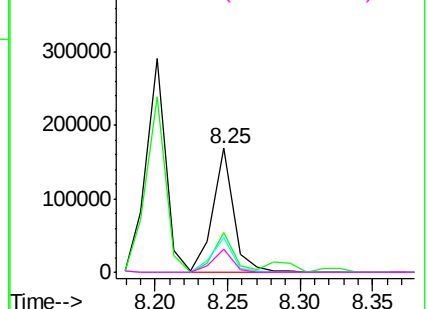
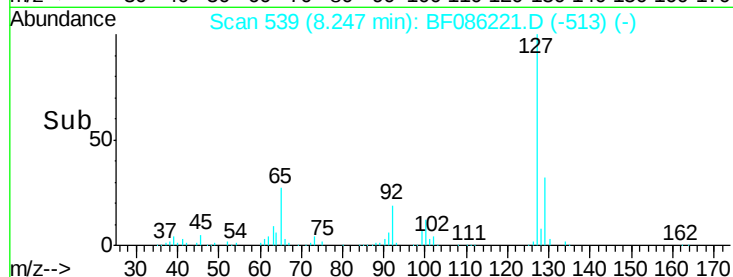


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.04 ng

RT: 8.33 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

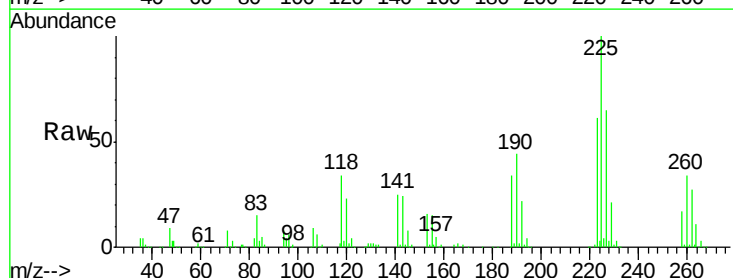
Tgt Ion:225 Resp: 301173

Ion Ratio Lower Upper

225 100

223 61.4 49.4 74.0

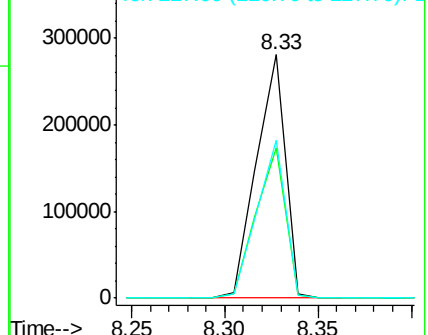
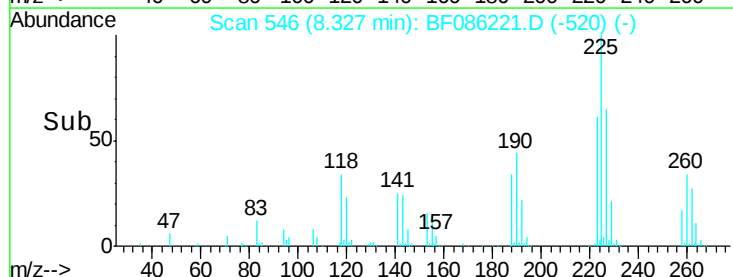
227 64.6 51.1 76.7

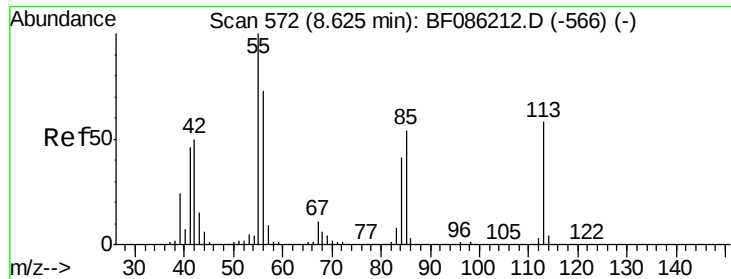


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

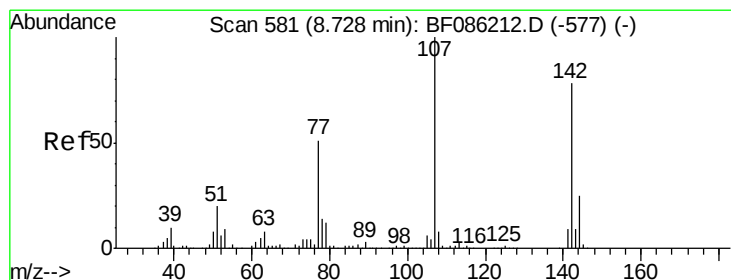
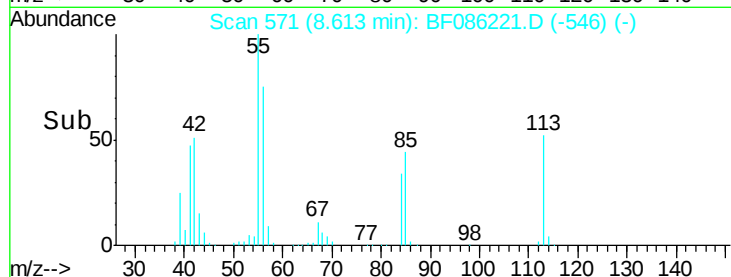
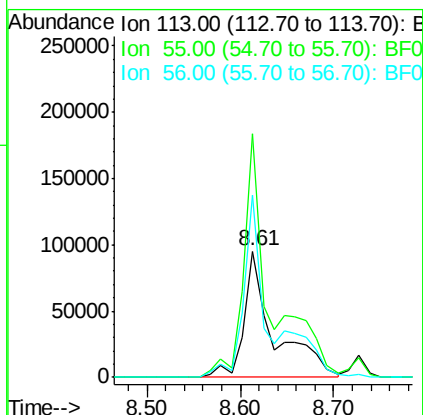
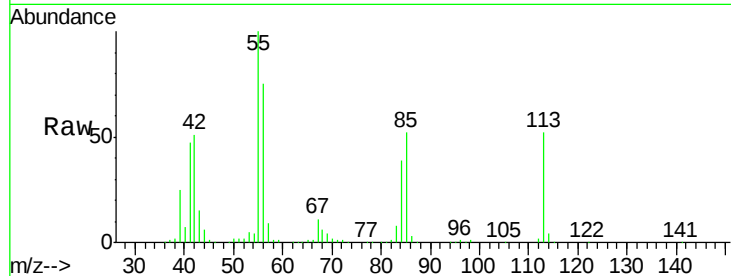




#35
 Caprolactam
 Concen: 42.01 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

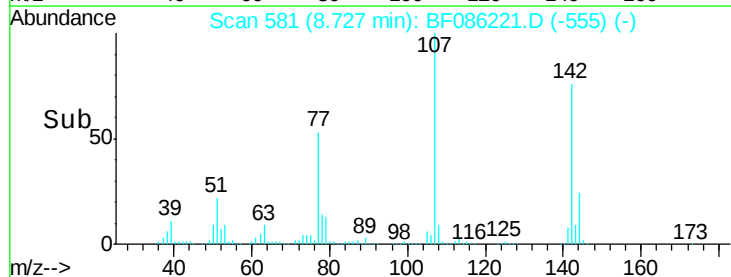
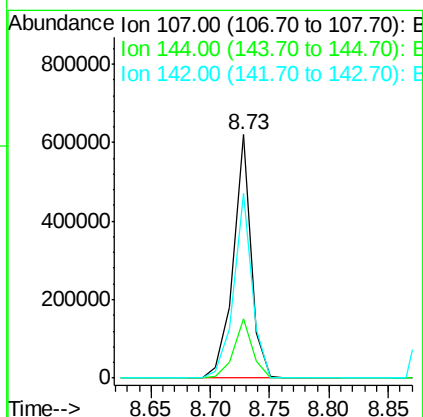
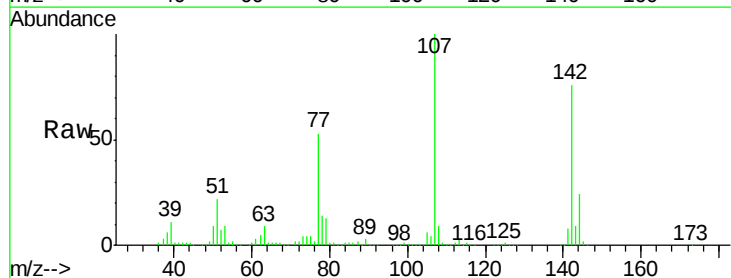
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

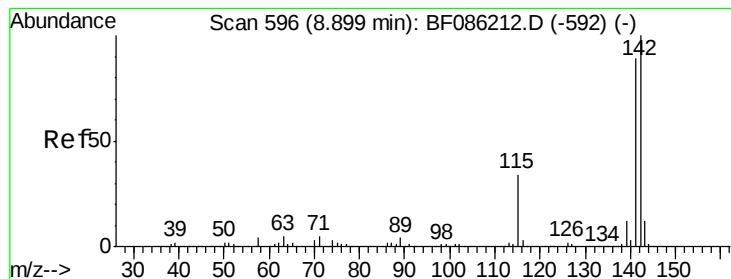
Tgt Ion:113 Resp: 212919
 Ion Ratio Lower Upper
 113 100
 55 192.8 117.5 157.5#
 56 143.7 82.5 122.5#



#36
 4-Chloro-3-methylphenol
 Concen: 40.28 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:107 Resp: 653370
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.7 31.1
 142 76.0 64.5 96.7





#37

2-Methylnaphthalene

Concen: 43.81 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

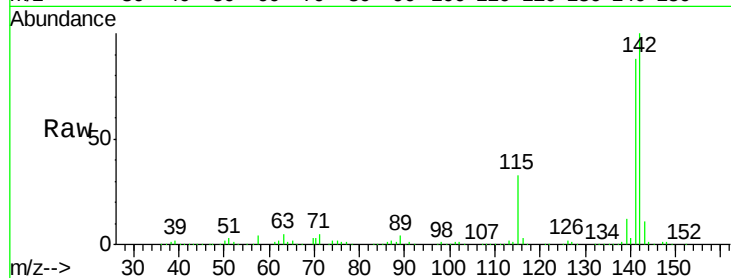
Tgt Ion:142 Resp: 1395436

Ion Ratio Lower Upper

142 100

141 88.2 71.1 106.7

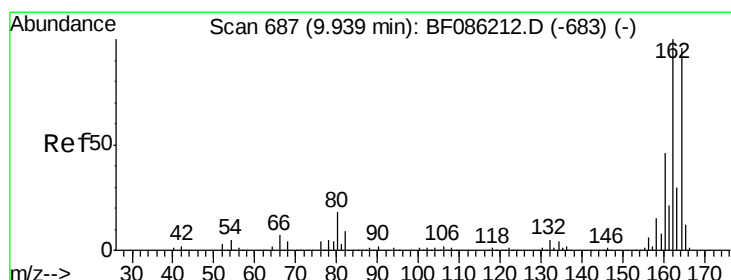
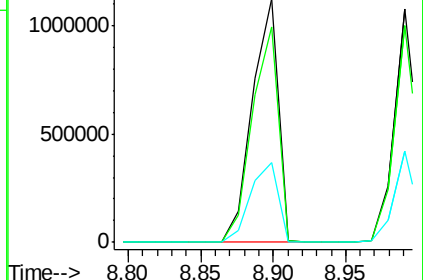
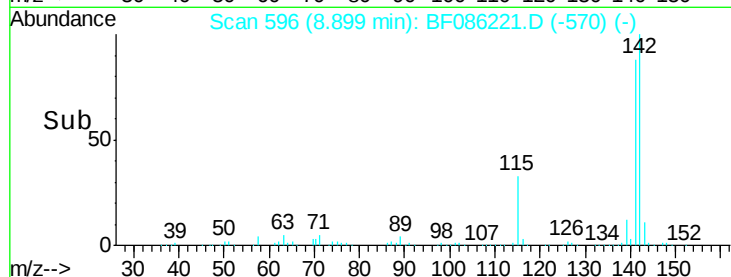
115 32.8 25.1 37.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

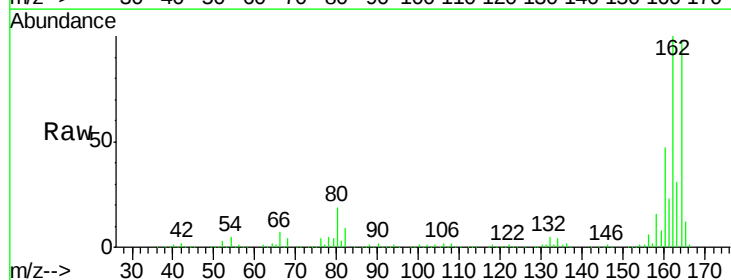
Tgt Ion:164 Resp: 523779

Ion Ratio Lower Upper

164 100

162 102.6 82.8 124.2

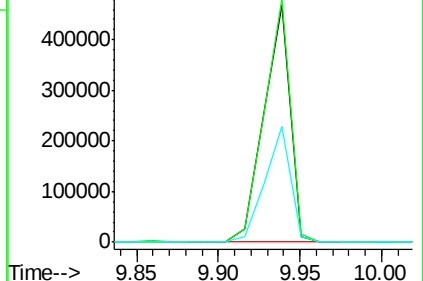
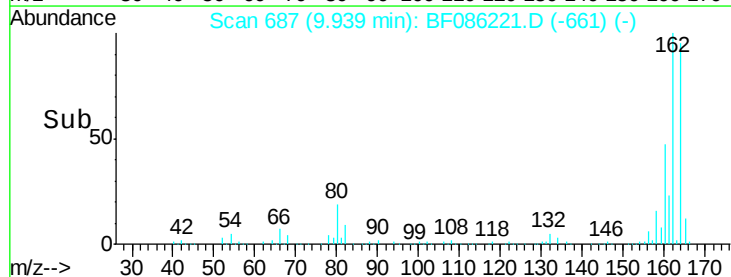
160 48.4 38.9 58.3

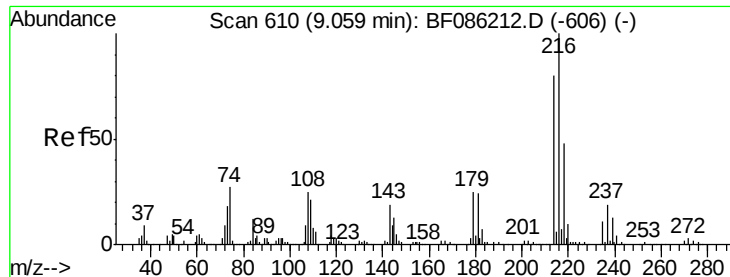


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.83 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

Tgt Ion:216 Resp: 423808

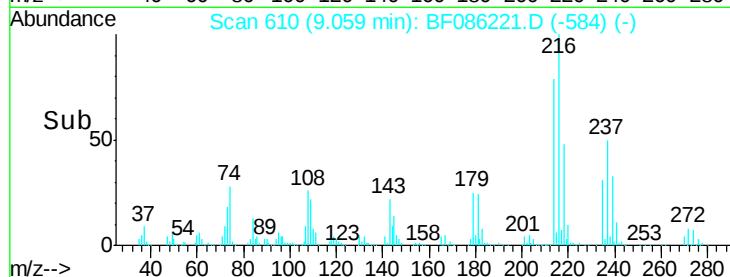
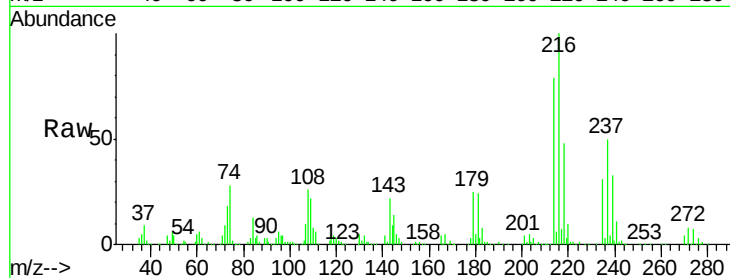
Ion Ratio Lower Upper

216 100

214 78.8 64.9 97.3

179 23.3 19.8 29.6

108 28.1 21.0 31.4

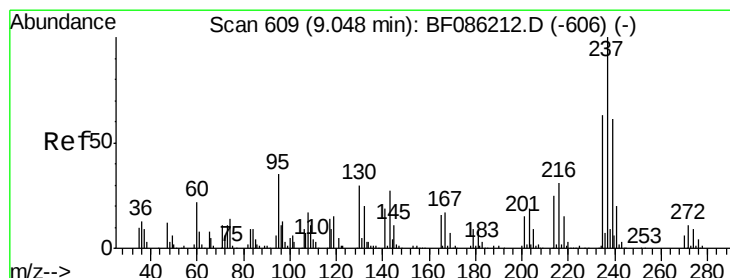
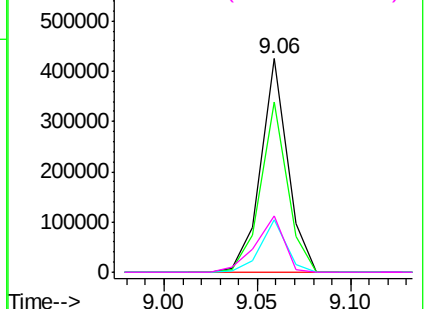


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.81 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

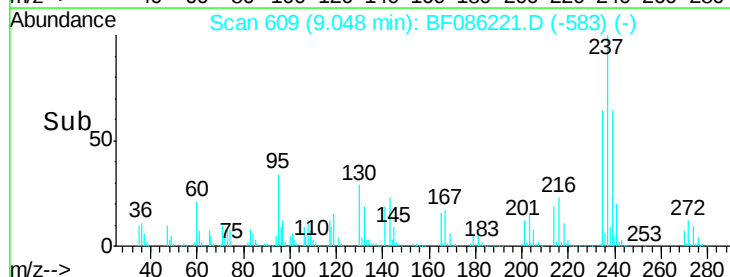
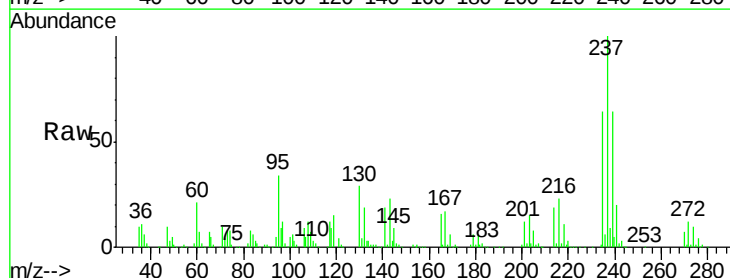
Tgt Ion:237 Resp: 474226

Ion Ratio Lower Upper

237 100

235 64.0 44.0 84.0

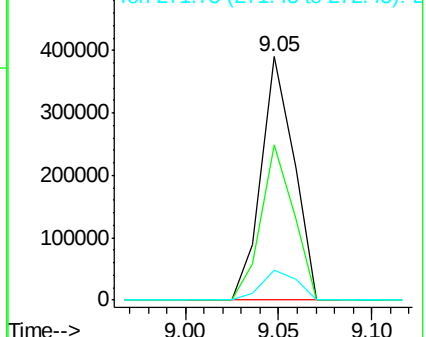
272 12.5 0.0 32.4

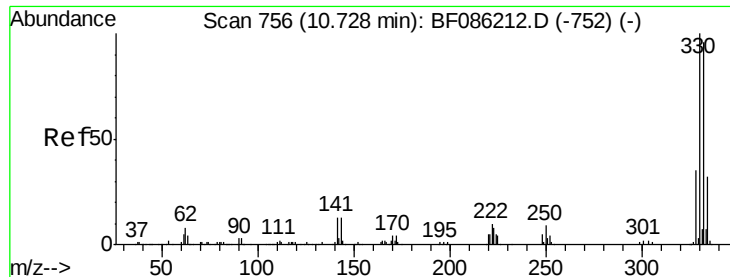


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

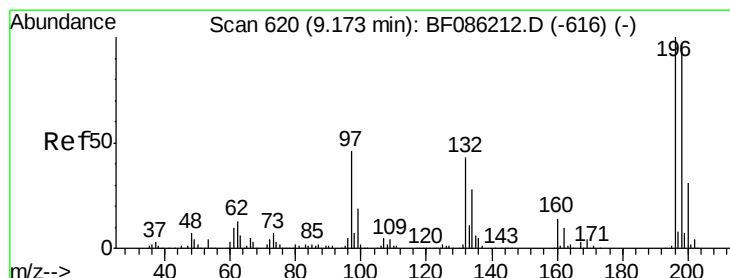
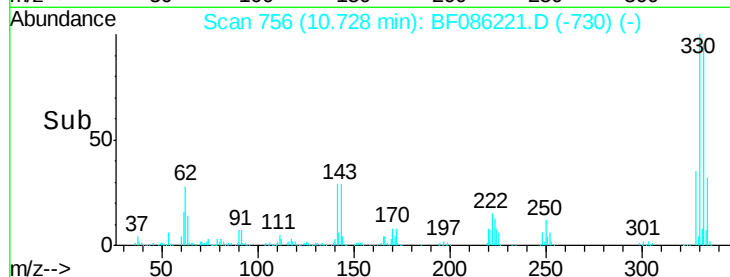
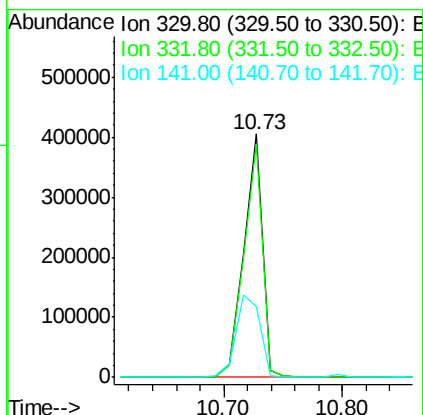
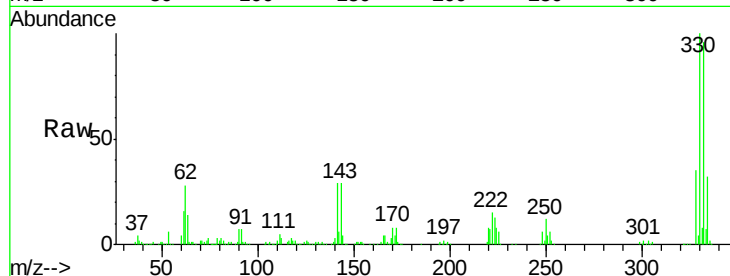




#41
 2,4,6-Tribromophenol
 Concen: 106.32 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

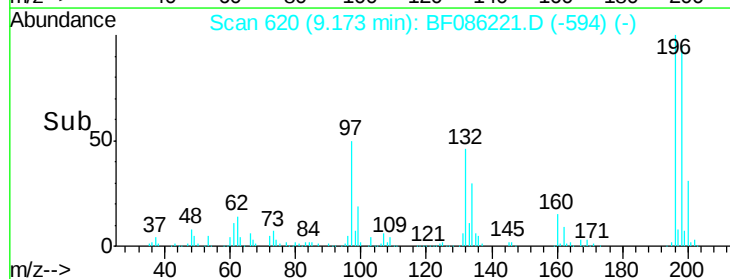
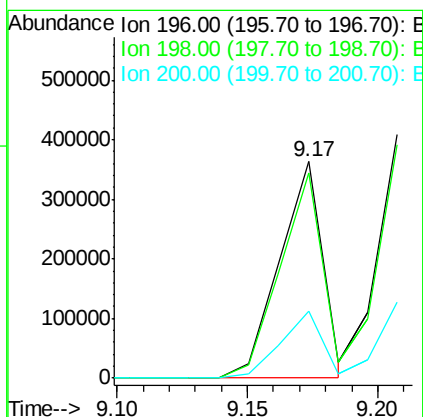
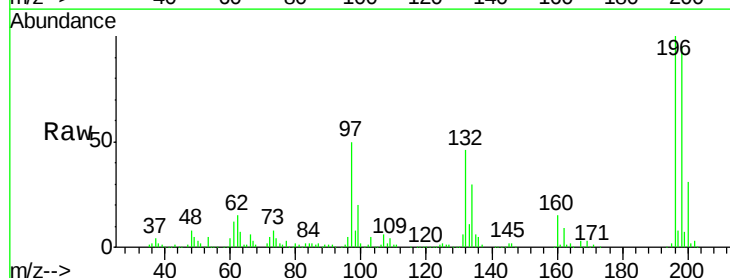
Instrument :
 BNA_F
 ClientSampleID :
 PB89820BS

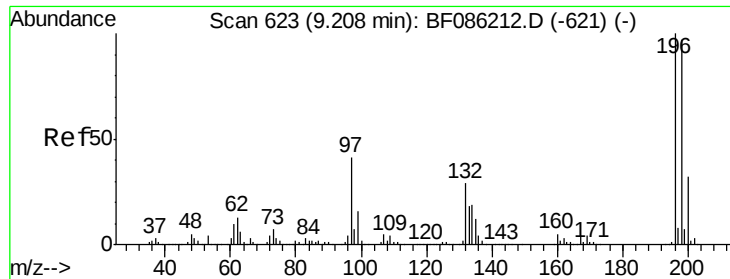
Tgt Ion:330 Resp: 447159
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.7 118.1
 141 43.2 28.6 42.8#



#42
 2,4,6-Trichlorophenol
 Concen: 40.12 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:196 Resp: 413971
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.6 115.0
 200 31.1 25.3 37.9

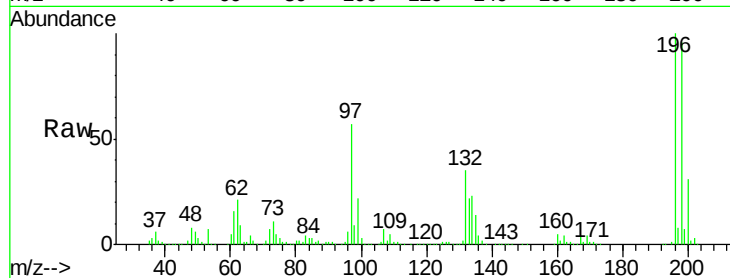




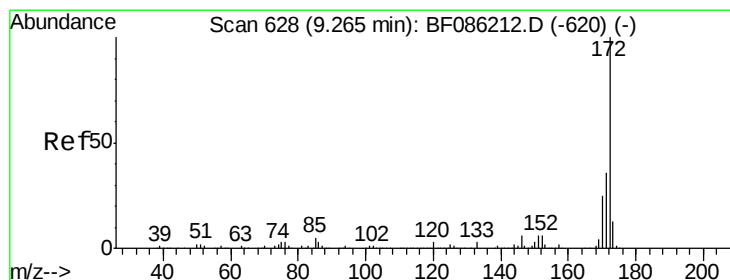
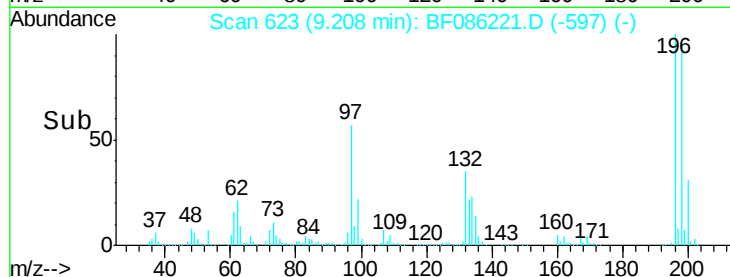
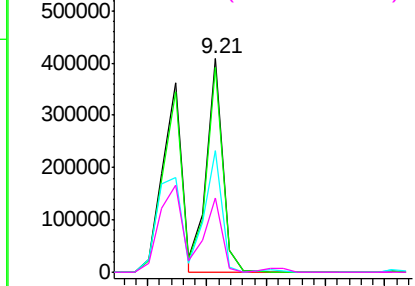
#43
 2,4,5-Trichlorophenol
 Concen: 38.96 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tgt Ion:196 Resp: 388298
 Ion Ratio Lower Upper
 196 100
 198 95.7 77.7 116.5
 97 56.8 32.6 48.8#
 132 34.7 21.4 32.0#

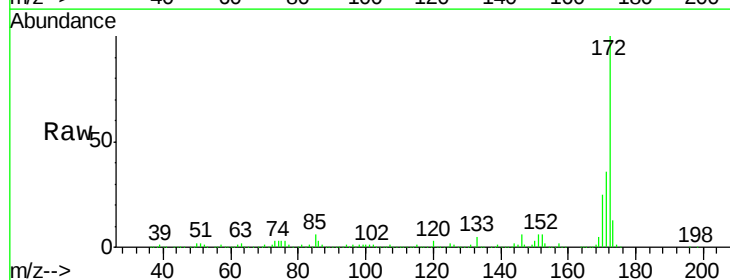


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

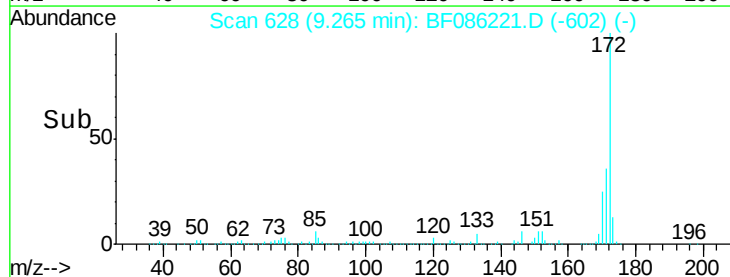
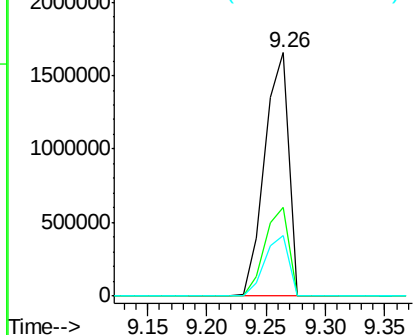


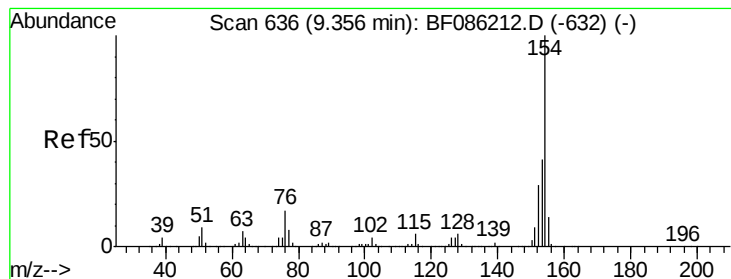
#44
 2-Fluorobiphenyl
 Concen: 82.59 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:172 Resp: 2344264
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.1 43.7
 170 25.1 19.9 29.9



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: 38.30 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

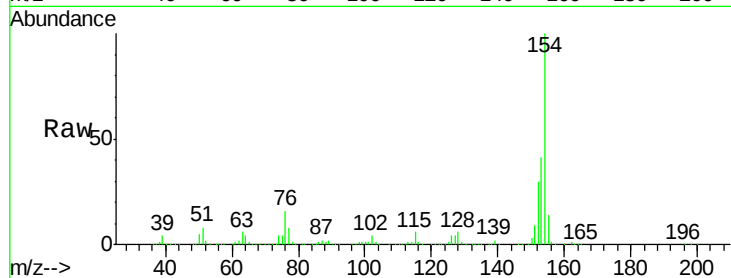
Tgt Ion:154 Resp: 1444156

Ion Ratio Lower Upper

154 100

153 41.1 21.3 61.3

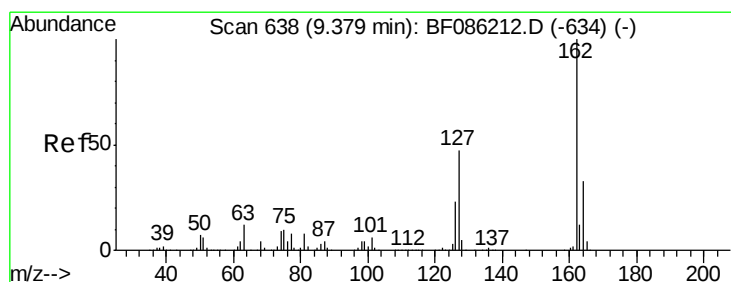
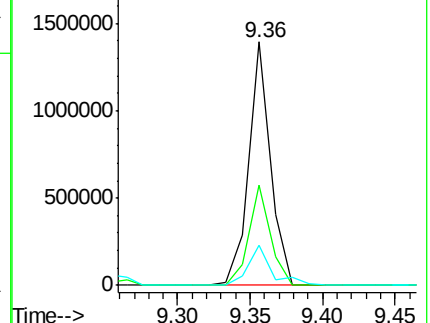
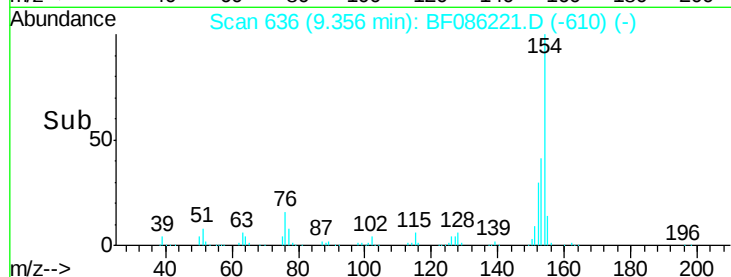
76 16.3 0.0 36.4



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: 37.52 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

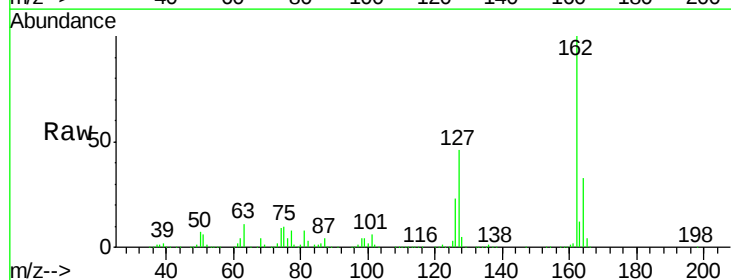
Tgt Ion:162 Resp: 1154947

Ion Ratio Lower Upper

162 100

127 46.5 36.7 55.1

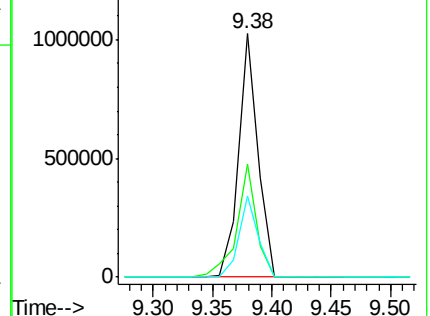
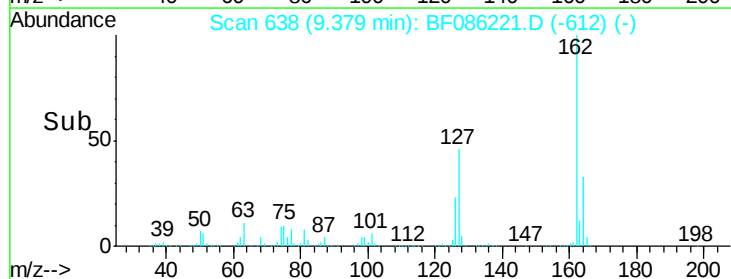
164 33.3 26.4 39.6

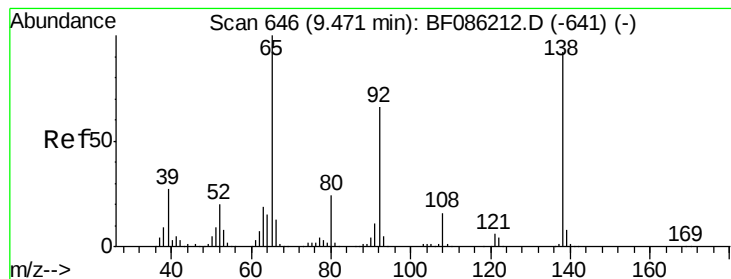


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.22 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

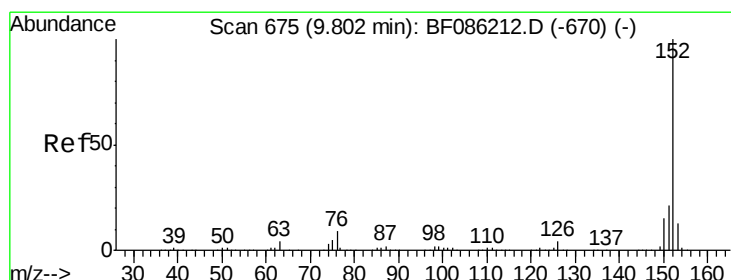
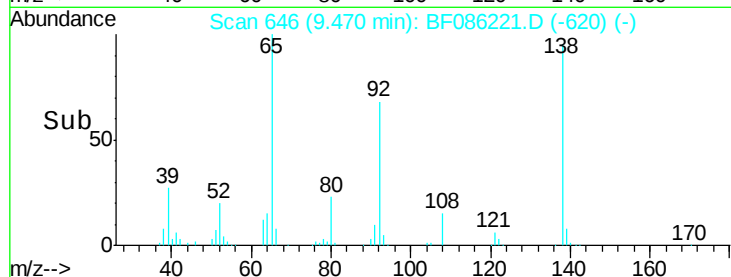
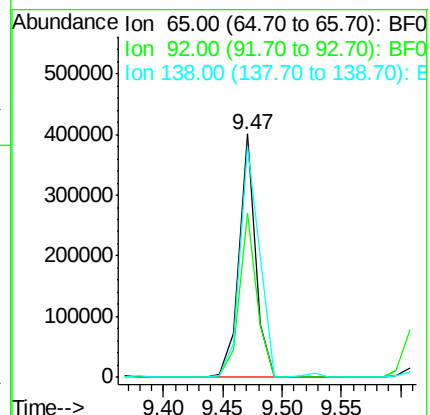
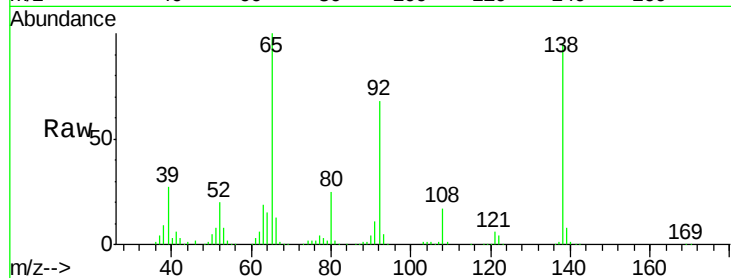
Tgt Ion: 65 Resp: 391084

Ion Ratio Lower Upper

65 100

92 67.6 51.9 77.9

138 94.7 72.6 108.8



#48

Acenaphthylene

Concen: 41.96 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

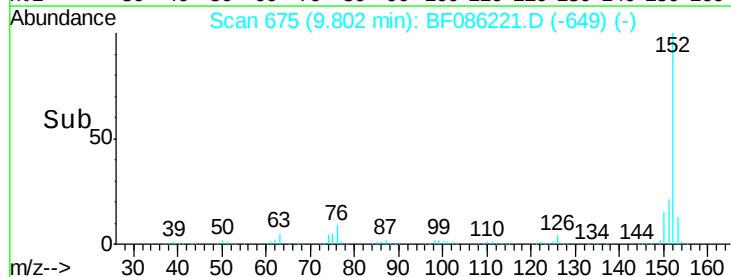
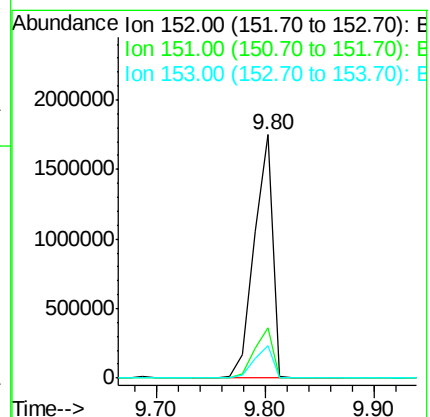
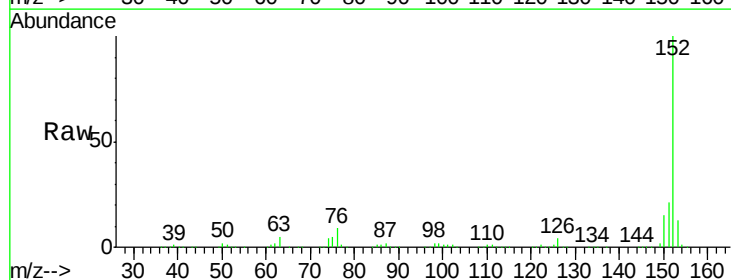
Tgt Ion: 152 Resp: 2055353

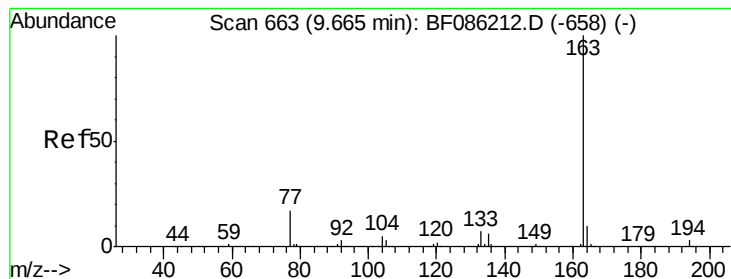
Ion Ratio Lower Upper

152 100

151 20.8 17.2 25.8

153 13.3 10.7 16.1





#49

Dimethylphthalate

Concen: 40.18 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

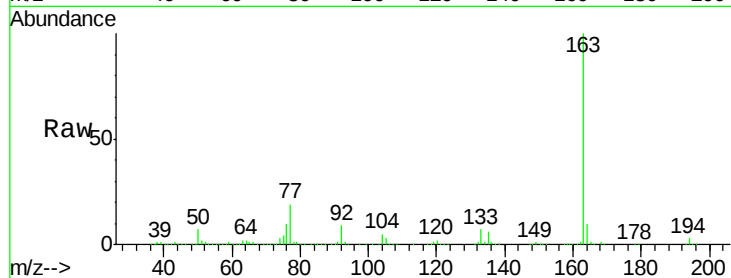
Tgt Ion:163 Resp: 1530191

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

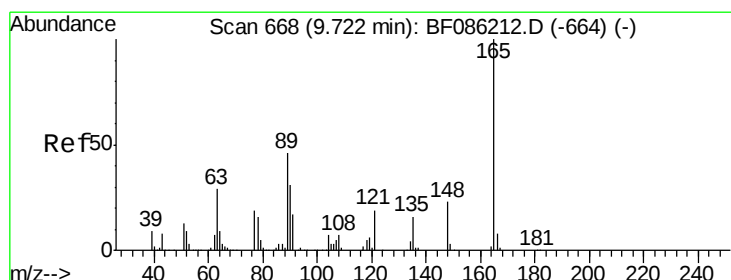
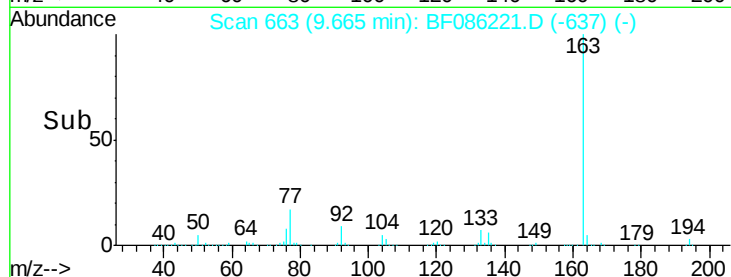
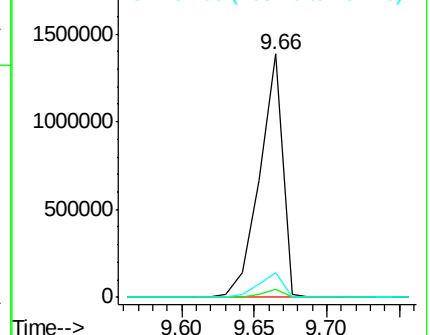
164 10.1 8.4 12.6



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: 43.18 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

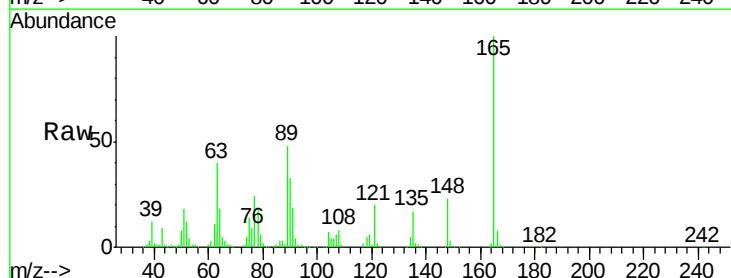
Tgt Ion:165 Resp: 363842

Ion Ratio Lower Upper

165 100

63 40.4 35.1 52.7

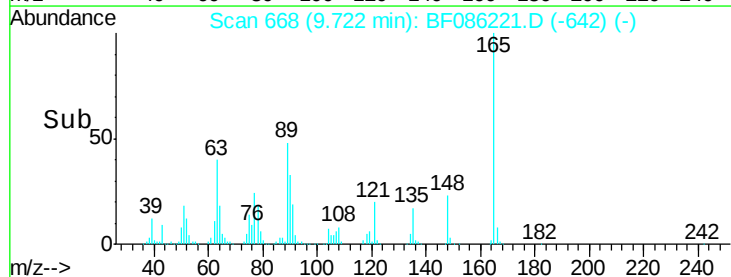
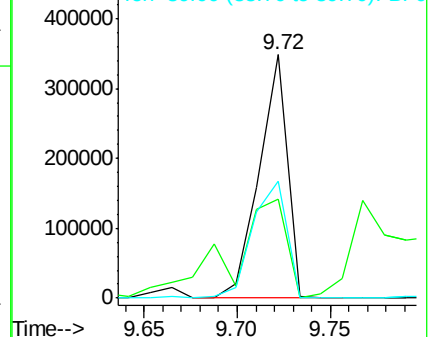
89 47.8 39.8 59.6

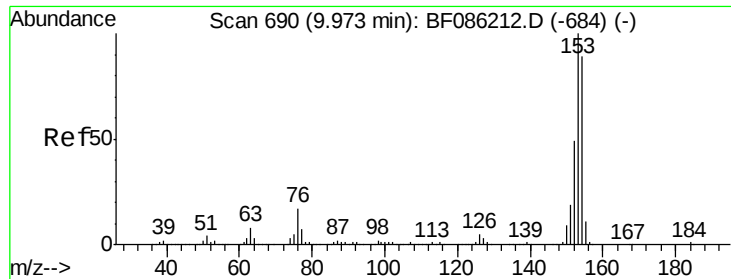


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.38 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

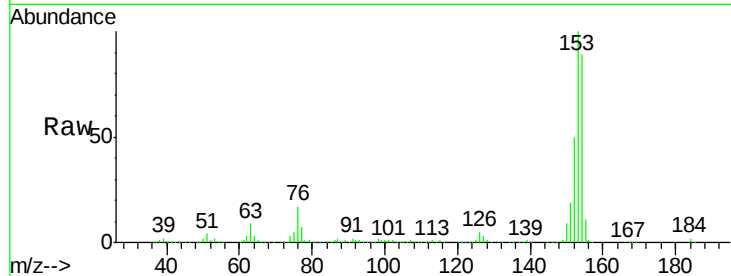
Tgt Ion:154 Resp: 1298717

Ion Ratio Lower Upper

154 100

153 112.3 90.0 135.0

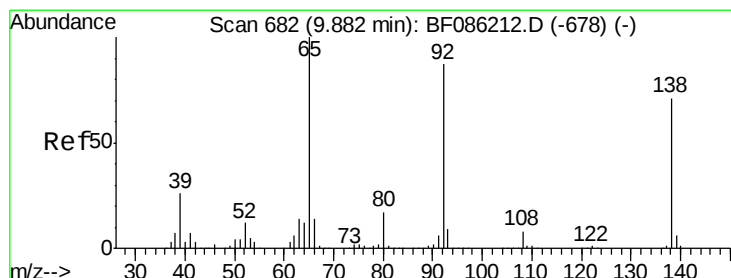
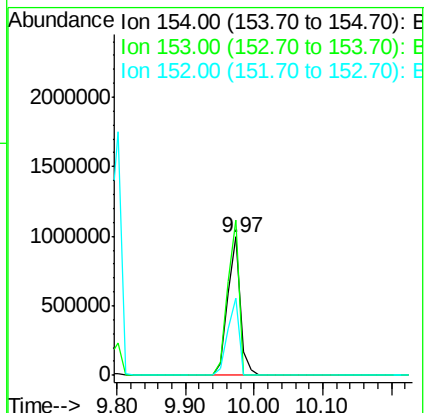
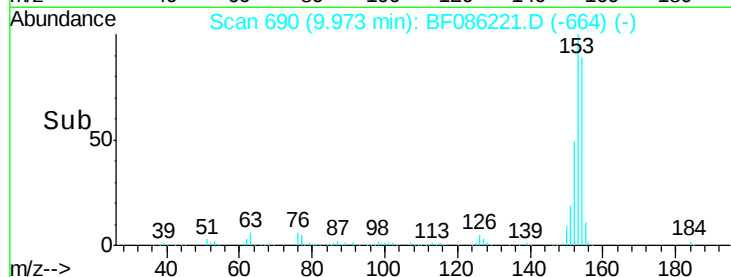
152 55.7 44.3 66.5



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: 14.18 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

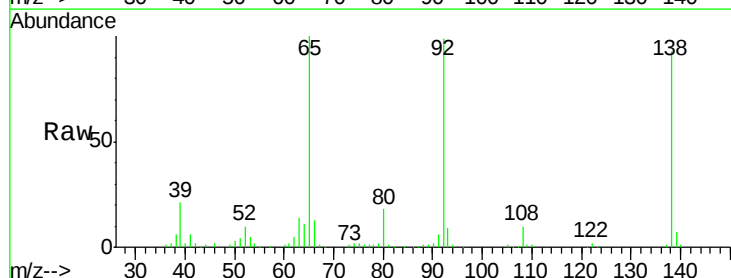
Tgt Ion:138 Resp: 145186

Ion Ratio Lower Upper

138 100

108 10.2 9.0 13.4

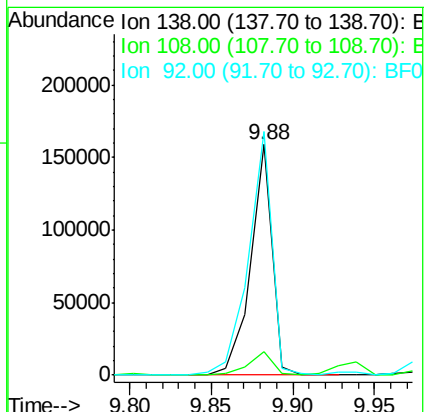
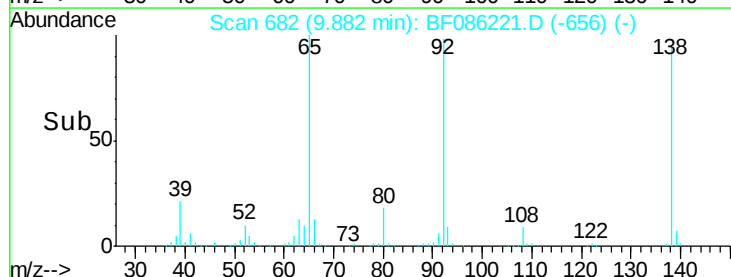
92 105.5 99.3 148.9

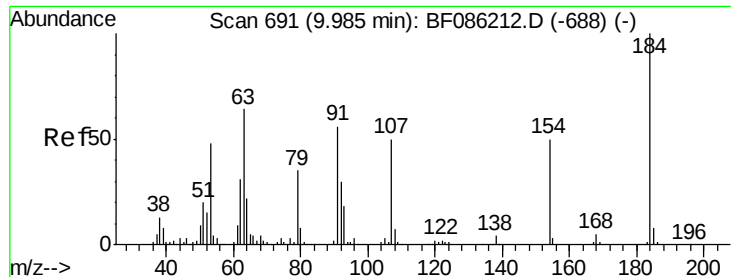


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

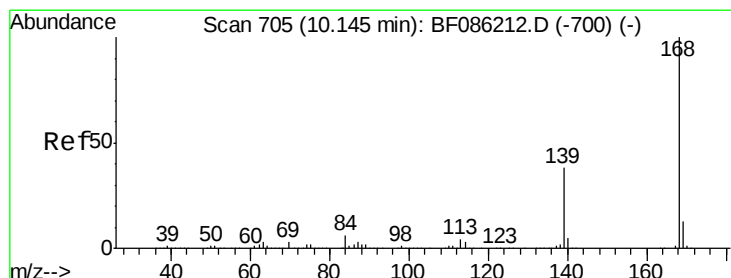
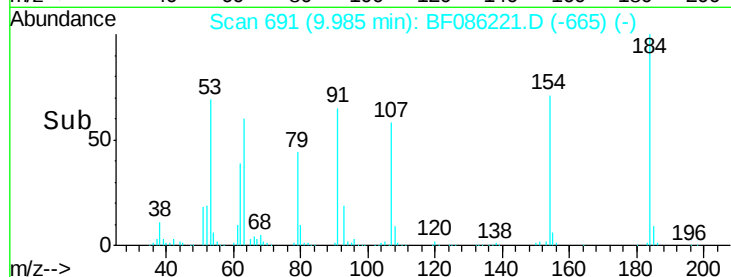
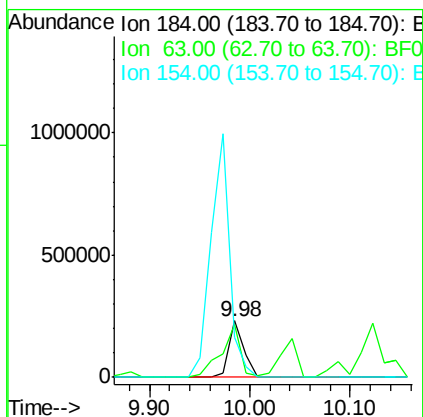
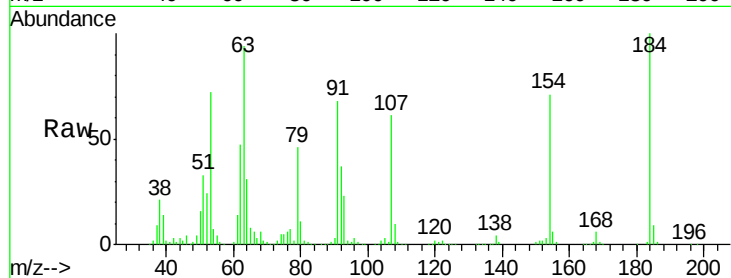




#53
2,4-Dinitrophenol
Concen: 76.02 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

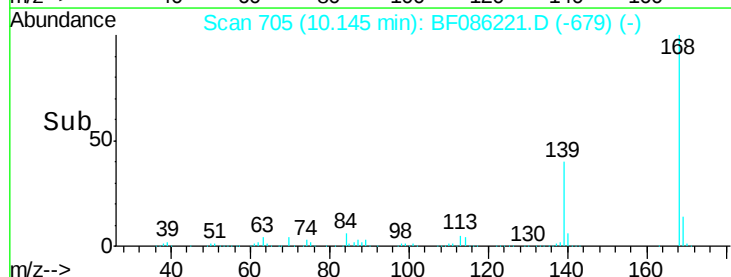
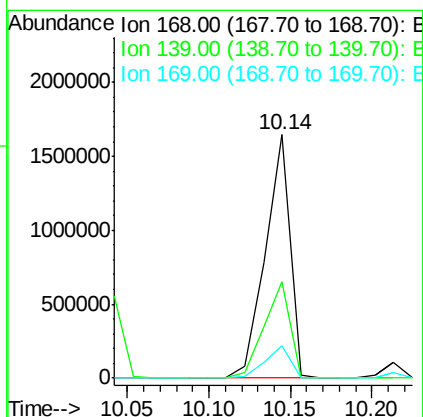
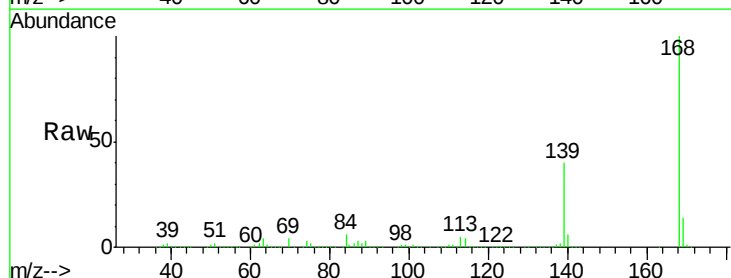
Instrument :
BNA_F
ClientSampleId :
PB89820BS

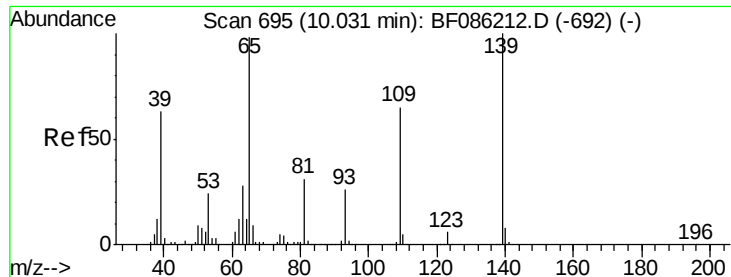
Tgt Ion:184 Resp: 236450
Ion Ratio Lower Upper
184 100
63 93.9 64.7 97.1
154 71.5 59.4 89.2



#54
Dibenzofuran
Concen: 44.90 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion:168 Resp: 1735149
Ion Ratio Lower Upper
168 100
139 39.7 29.5 44.3
169 13.5 10.6 16.0

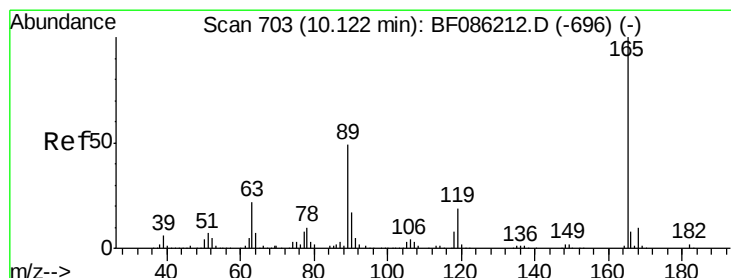
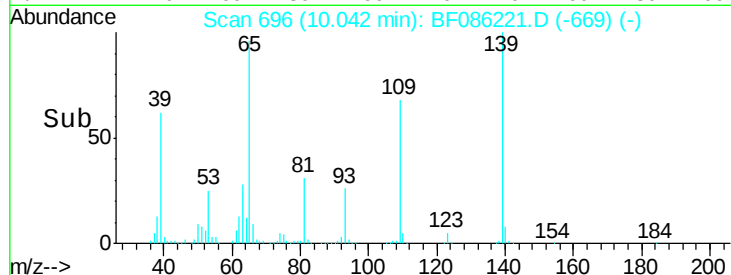
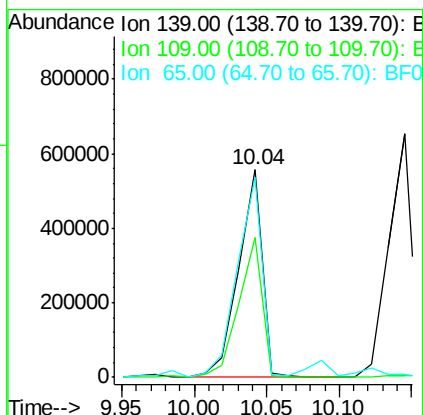
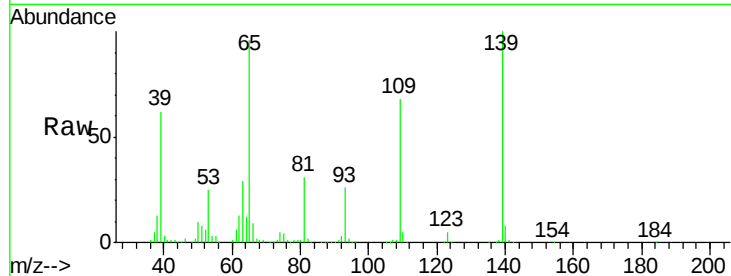




#55
4-Nitrophenol
Concen: 78.30 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

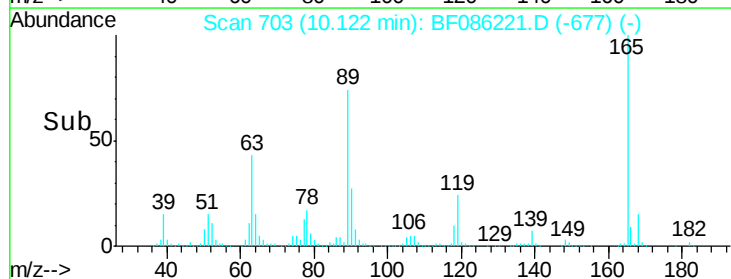
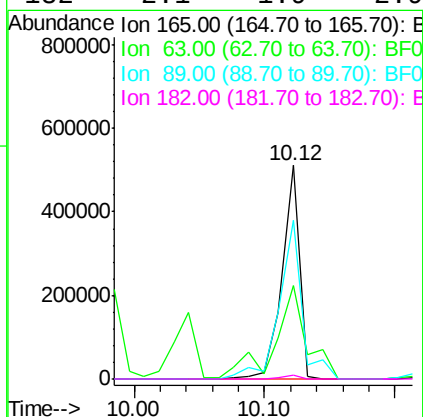
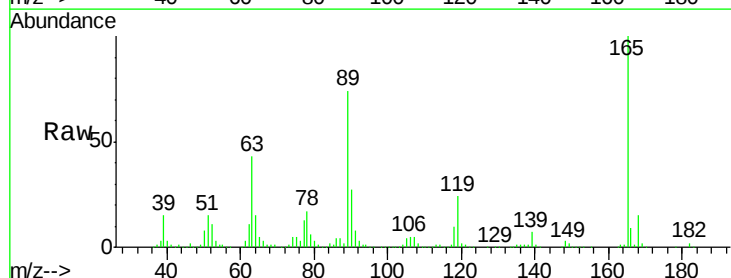
Instrument :
BNA_F
ClientSampleId :
PB89820BS

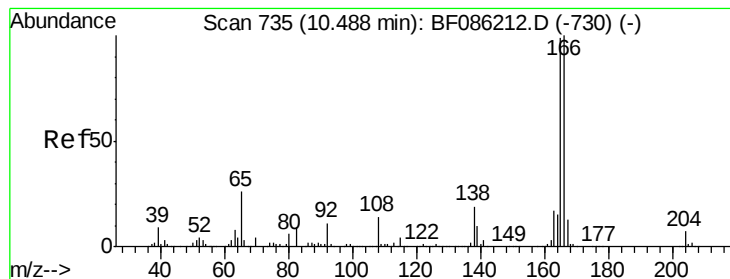
Tgt Ion:139 Resp: 627259
Ion Ratio Lower Upper
139 100
109 67.5 55.0 95.0
65 96.5 87.3 127.3



#56
2,4-Dinitrotoluene
Concen: 44.51 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion:165 Resp: 480161
Ion Ratio Lower Upper
165 100
63 43.5 26.6 40.0#
89 74.3 49.5 74.3
182 2.1 1.9 2.9





#57

Fluorene

Concen: 42.82 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

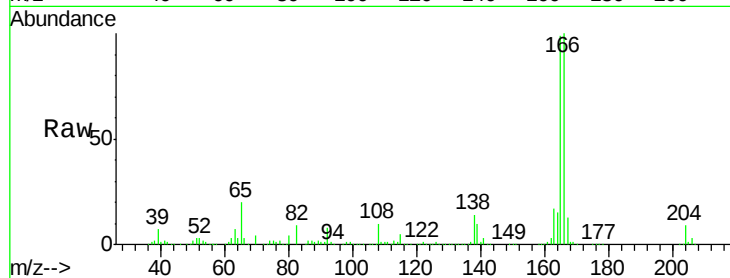
Tgt Ion:166 Resp: 1135505

Ion Ratio Lower Upper

166 100

165 99.4 78.6 117.8

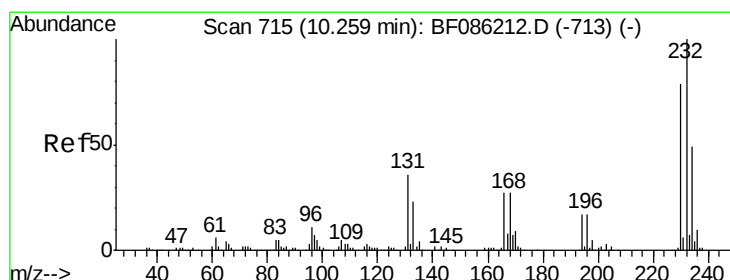
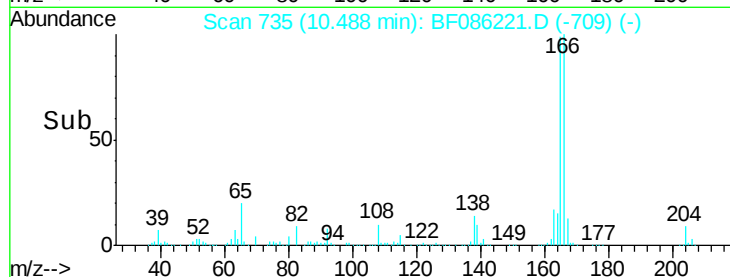
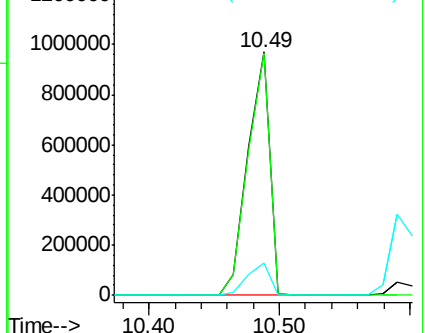
167 13.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.15 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion:232 Resp: 312352

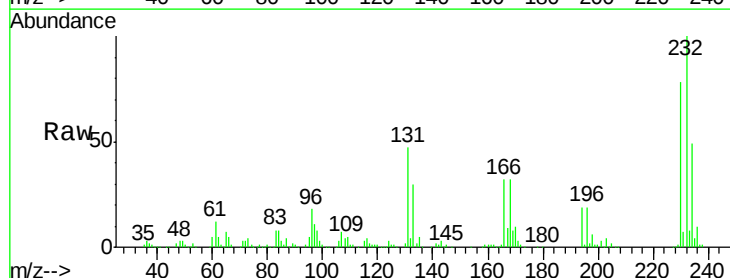
Ion Ratio Lower Upper

232 100

131 59.3 46.6 70.0

130 2.9 2.5 3.7

166 36.3 28.3 42.5

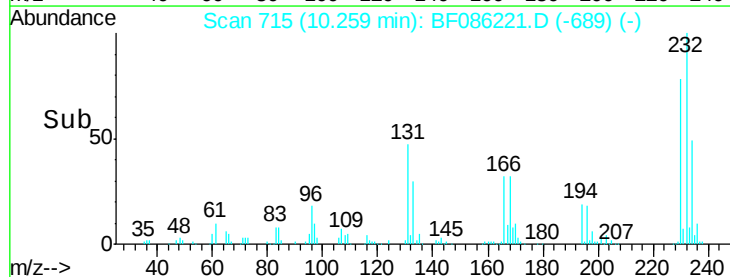
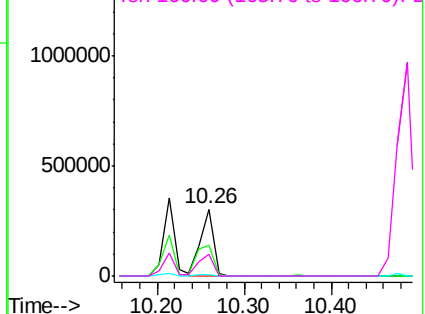


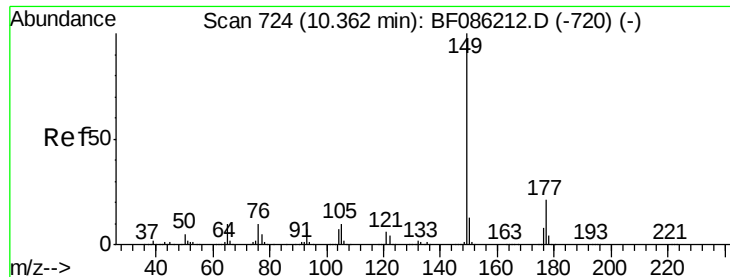
Abundance Ion 232.00 (231.70 to 232.70): E

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

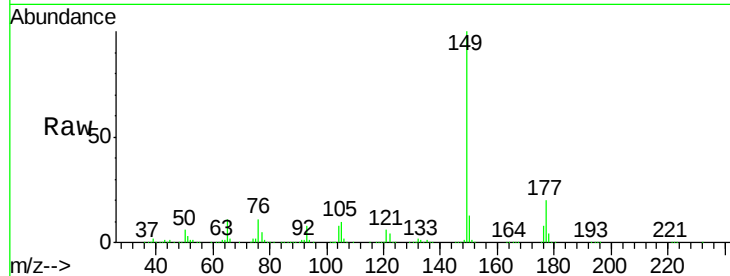




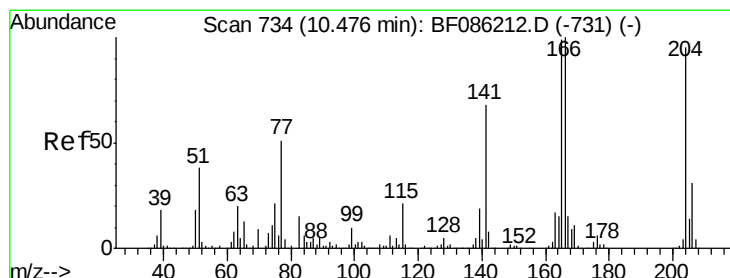
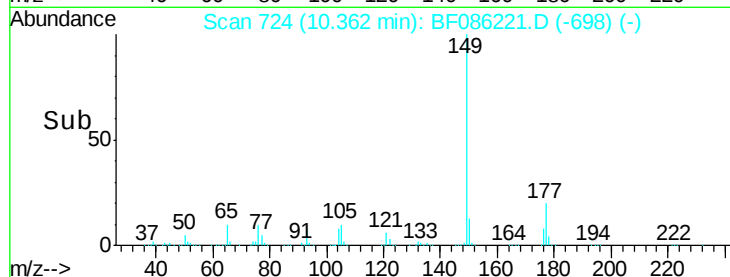
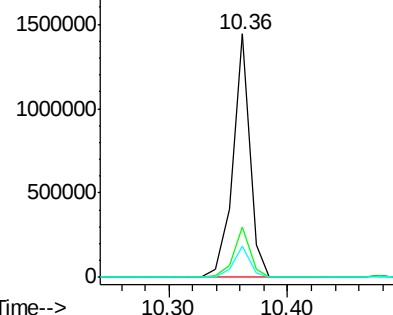
#59
Diethylphthalate
Concen: 36.41 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tgt Ion:149 Resp: 1431204
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 13.0 10.2 15.4

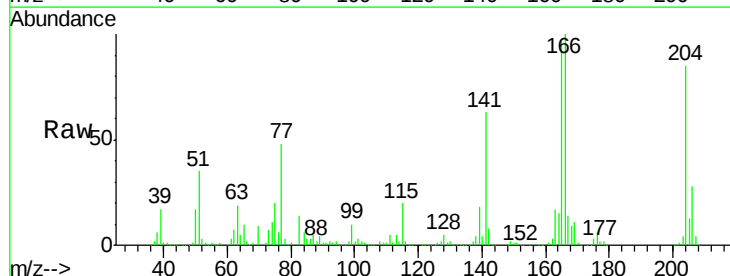


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

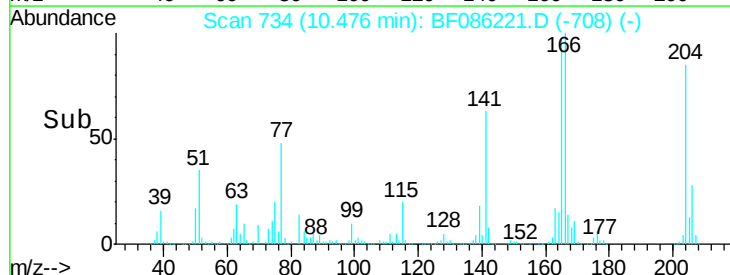
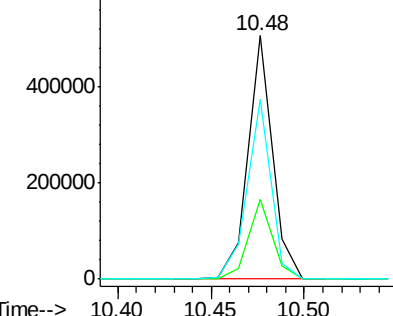


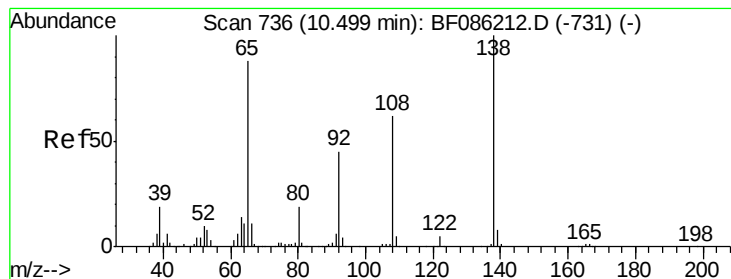
#60
4-Chlorophenyl-phenylether
Concen: 40.78 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion:204 Resp: 458855
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 73.7 55.4 83.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.64 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

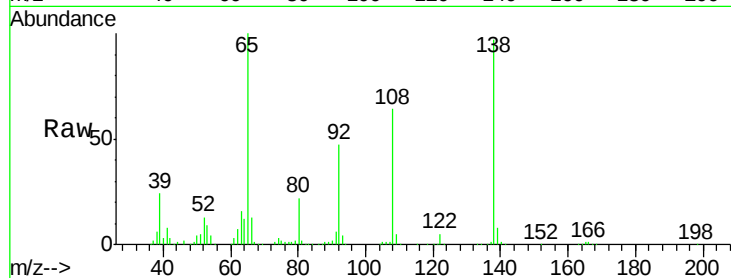
Tgt Ion:138 Resp: 359650

Ion Ratio Lower Upper

138 100

92 48.4 31.9 71.9

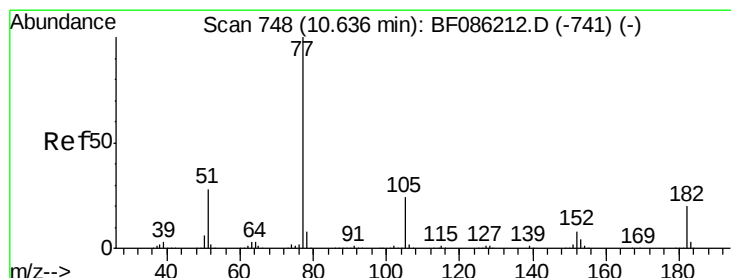
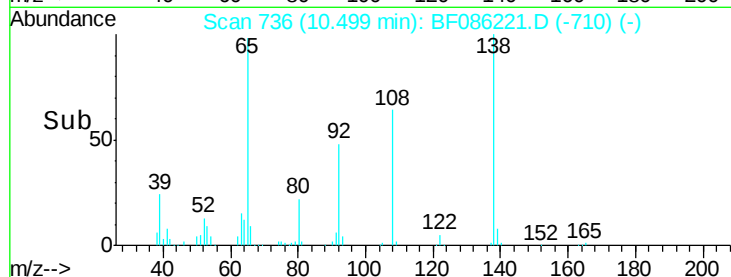
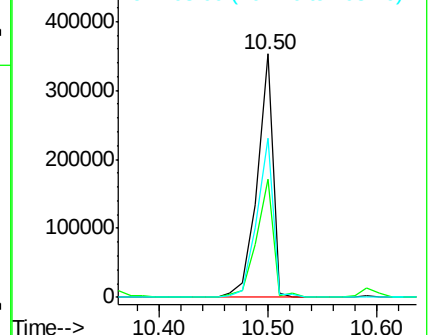
108 65.5 58.7 98.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 42.30 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Tgt Ion: 77 Resp: 1627068

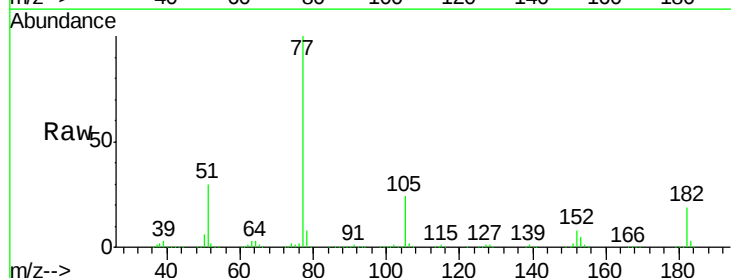
Ion Ratio Lower Upper

77 100

182 18.6 2.3 42.3

105 23.8 3.4 43.4

51 29.6 11.7 51.7

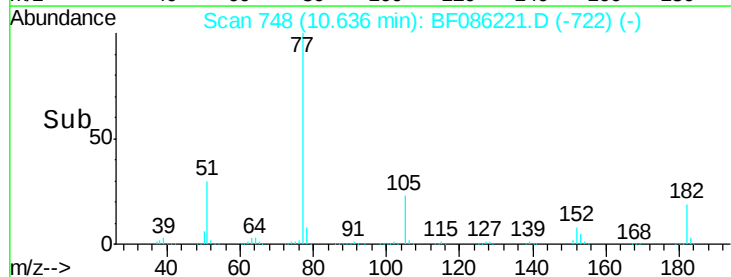
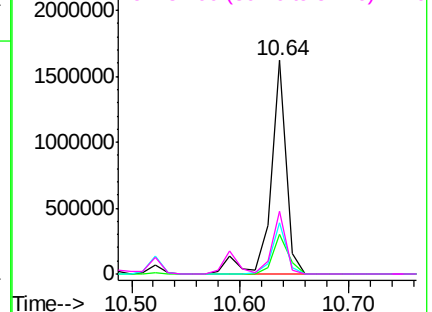


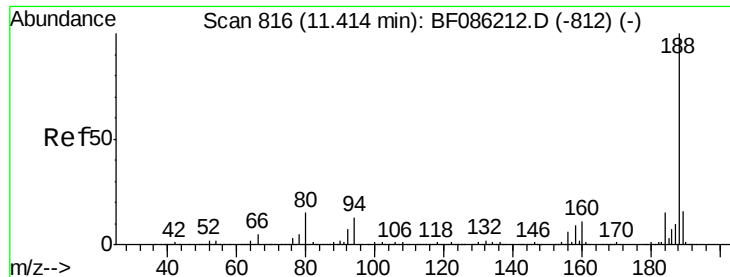
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

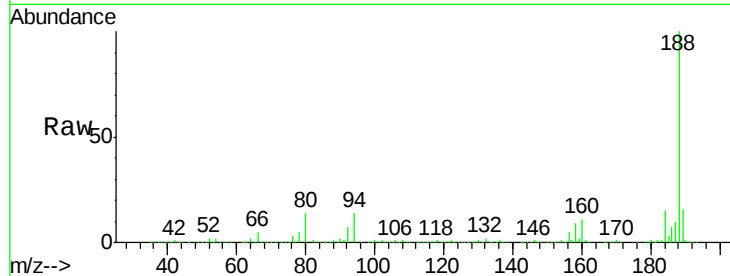




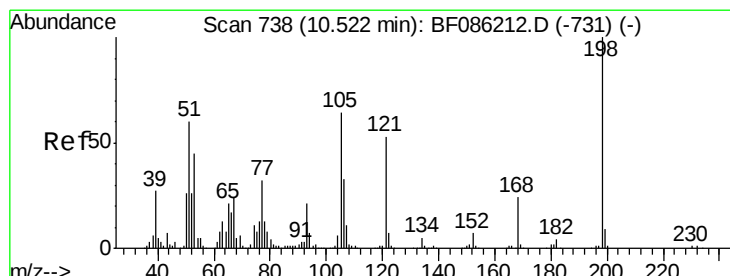
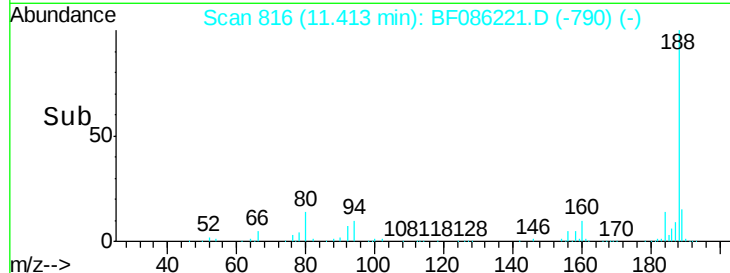
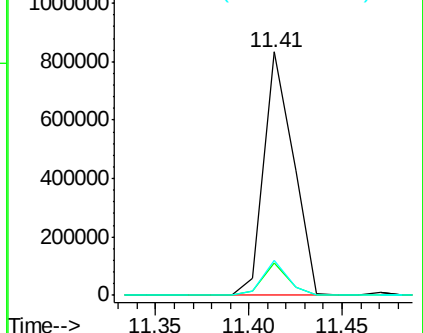
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampled :
PB89820BS

Tgt Ion:188 Resp: 910212
Ion Ratio Lower Upper
188 100
94 13.6 9.8 14.8
80 14.3 10.5 15.7

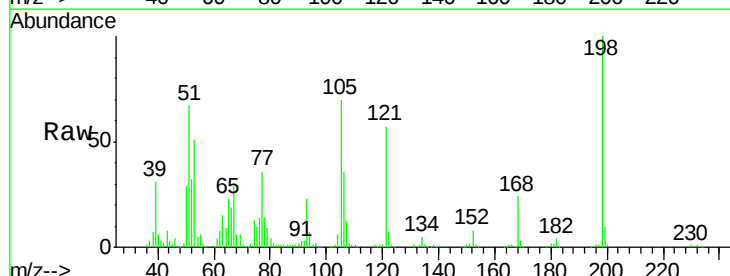


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

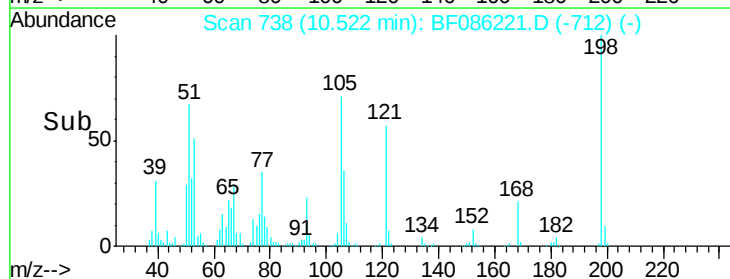
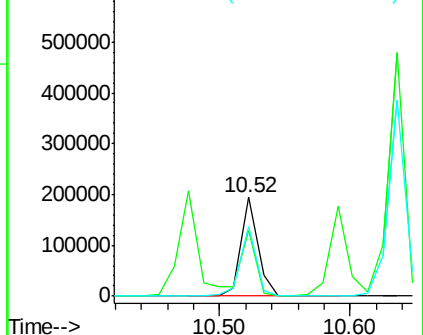


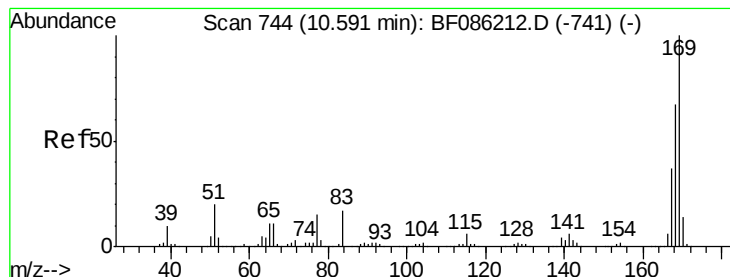
#64
4,6-Dinitro-2-methylphenol
Concen: 40.39 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion:198 Resp: 174950
Ion Ratio Lower Upper
198 100
51 67.2 56.5 96.5
105 70.3 48.0 88.0



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

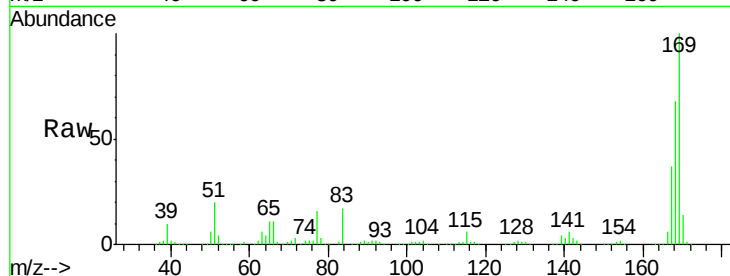




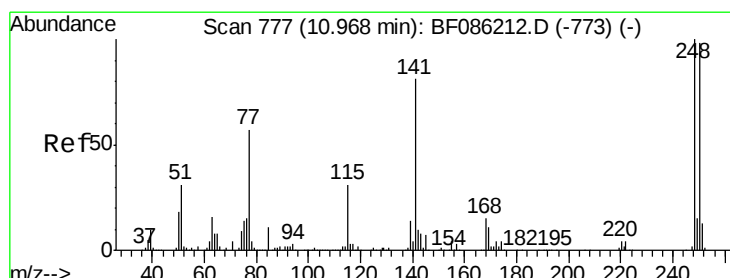
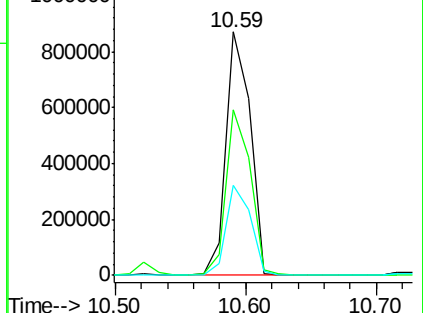
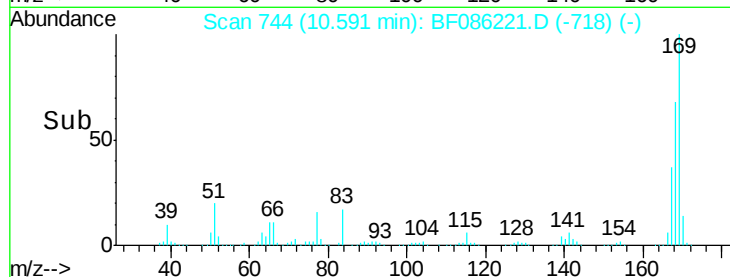
#65
 n-Nitrosodiphenylamine
 Concen: 40.18 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tgt Ion:169 Resp: 1119912
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.3 81.5
 167 37.2 30.2 45.2

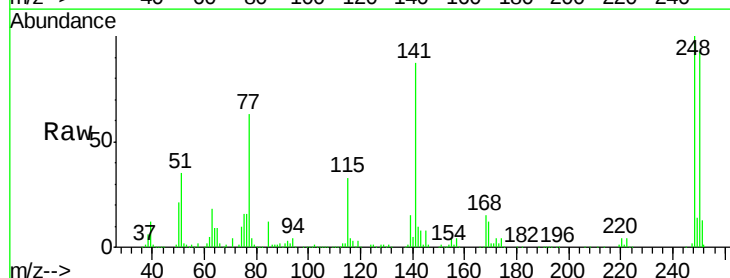


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

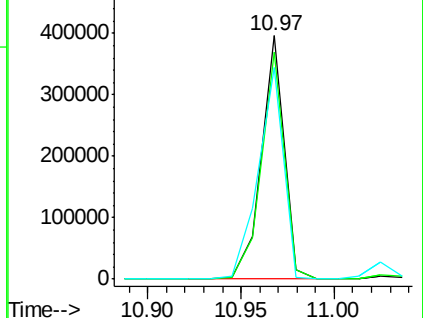
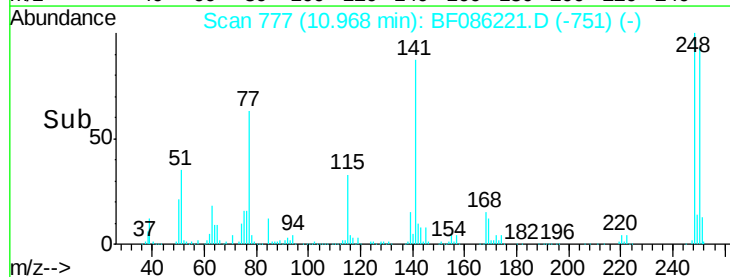


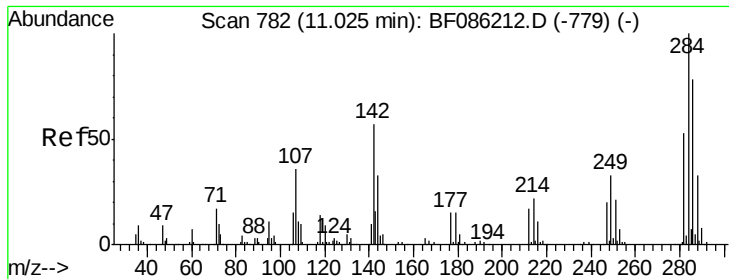
#66
 4-Bromophenyl-phenylether
 Concen: 39.12 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:248 Resp: 331884
 Ion Ratio Lower Upper
 248 100
 250 93.2 78.6 118.0
 141 86.7 57.9 86.9



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

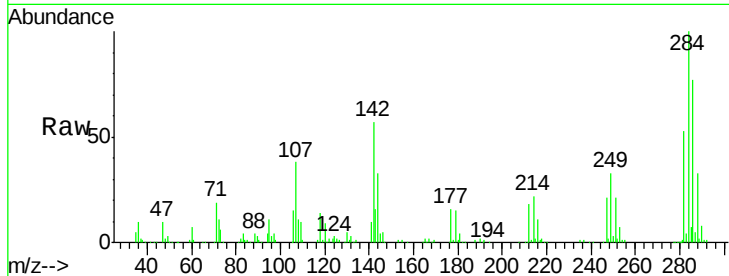




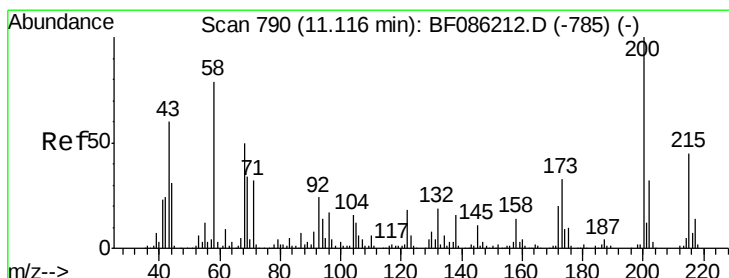
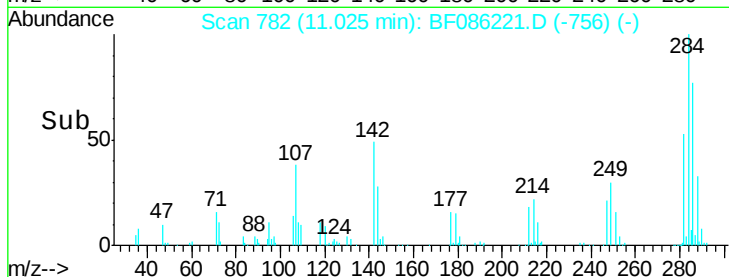
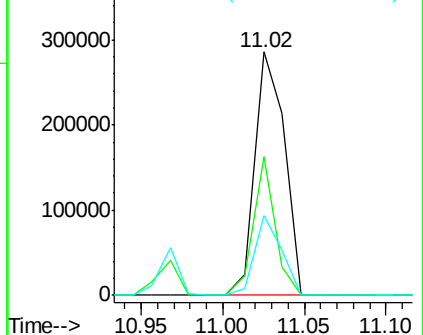
#67
Hexachlorobenzene
Concen: 40.52 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	57.1	42.6	64.0
249	32.9	25.9	38.9

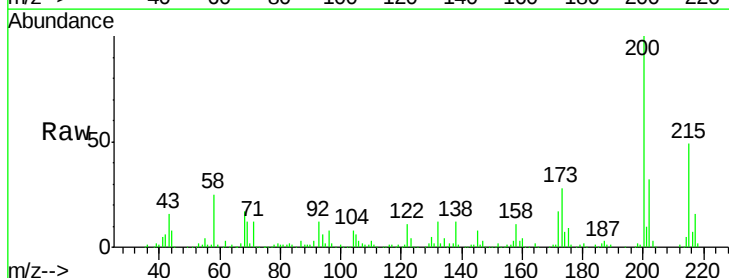


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

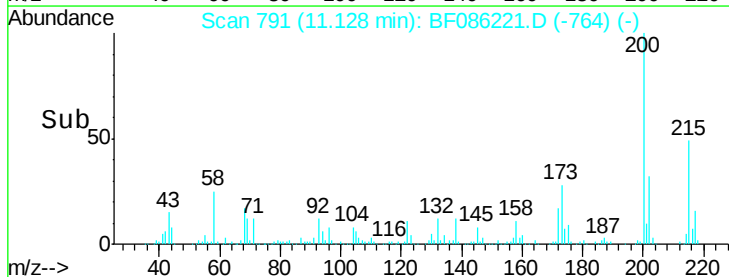
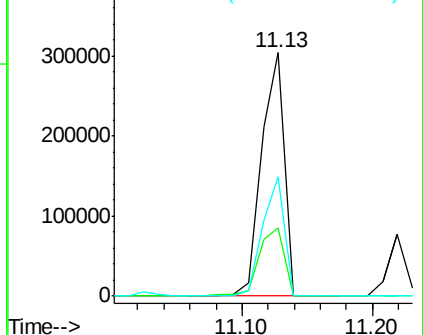


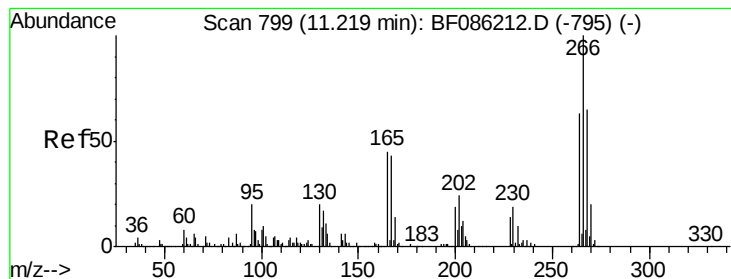
#68
Atrazine
Concen: 43.08 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.8	11.2	51.2
215	49.0	24.0	64.0



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





#69

Pentachlorophenol

Concen: 67.58 ng

RT: 11.22 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

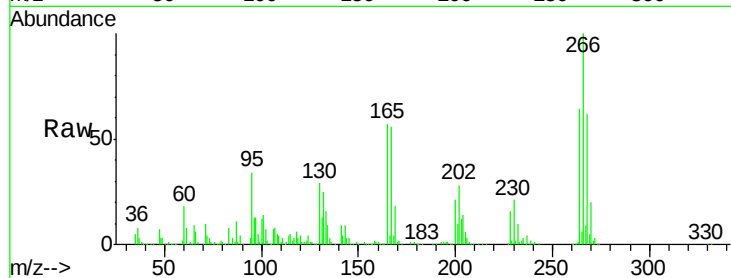
Tgt Ion:266 Resp: 364309

Ion Ratio Lower Upper

266 100

268 62.1 53.0 79.4

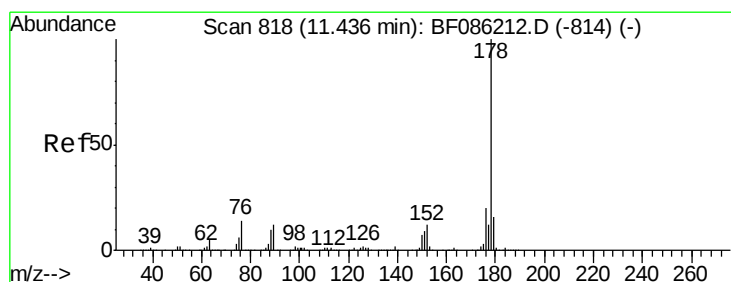
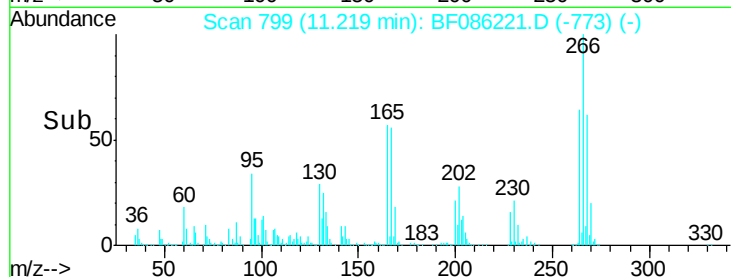
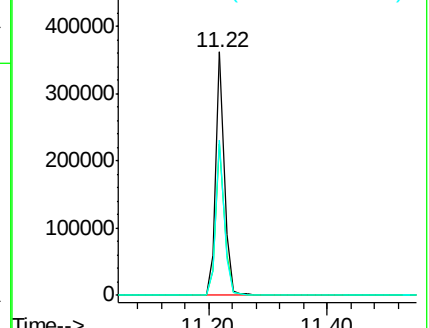
264 64.0 51.3 76.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.56 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

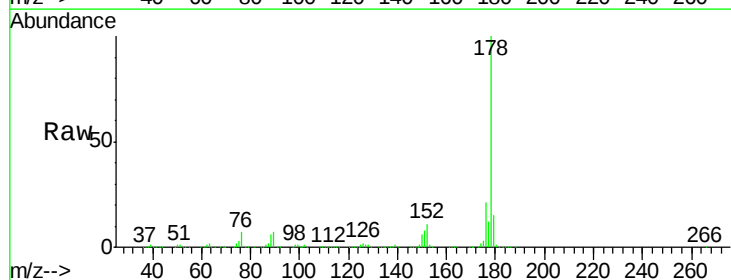
Tgt Ion:178 Resp: 1850117

Ion Ratio Lower Upper

178 100

176 20.8 16.3 24.5

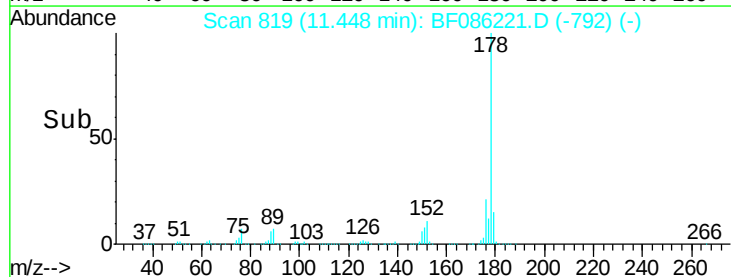
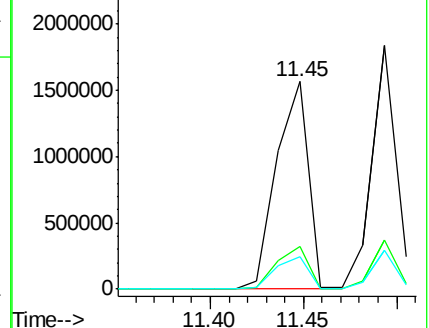
179 15.5 13.0 19.6

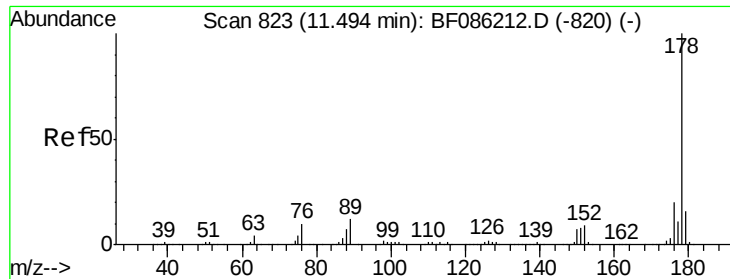


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

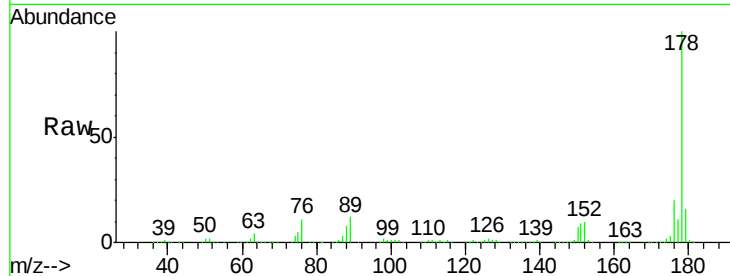




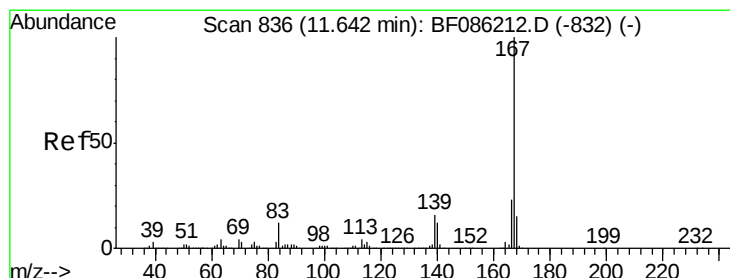
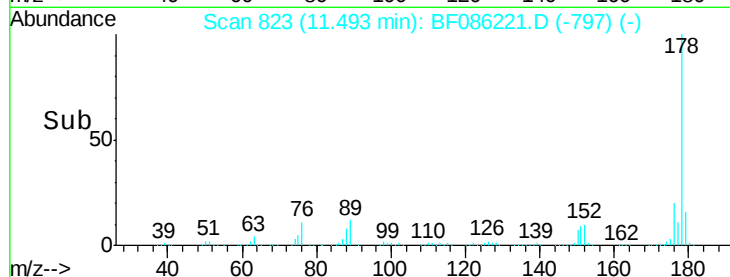
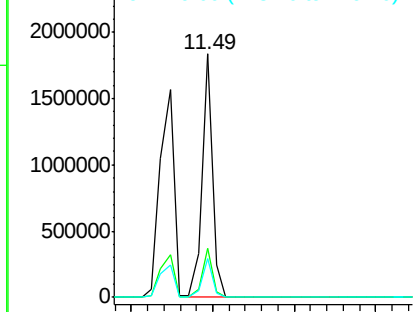
#71
 Anthracene
 Concen: 38.32 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tgt Ion:178 Resp: 1664159
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 16.2 13.2 19.8

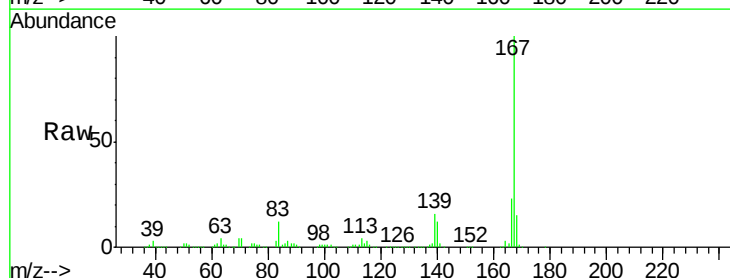


Abundance Ion 178.00 (177.70 to 178.70): E
 2500000 Ion 176.00 (175.70 to 176.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E

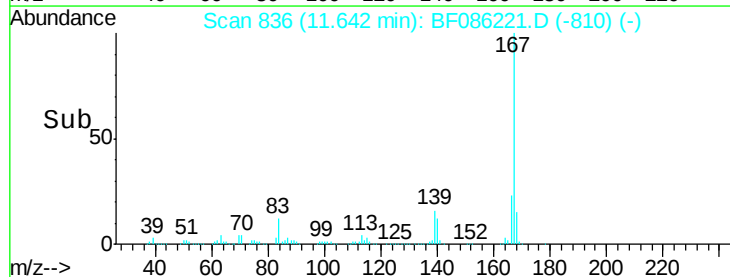
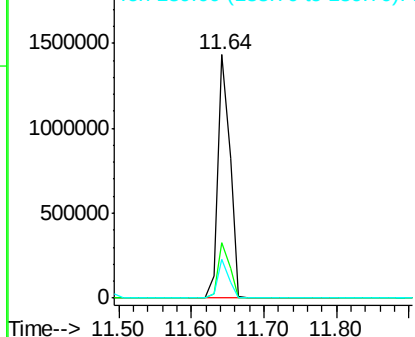


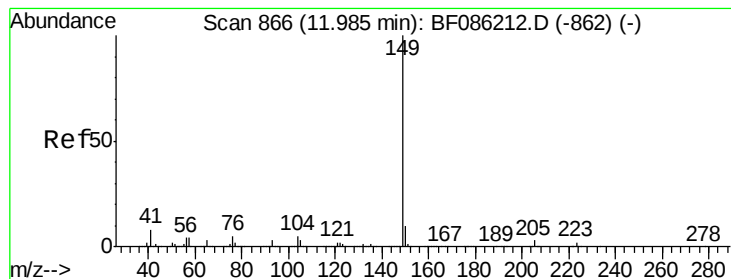
#72
 Carbazole
 Concen: 40.06 ng
 RT: 11.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:167 Resp: 1656146
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.3 27.5
 139 15.8 12.3 18.5



Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 1500000 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.79 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

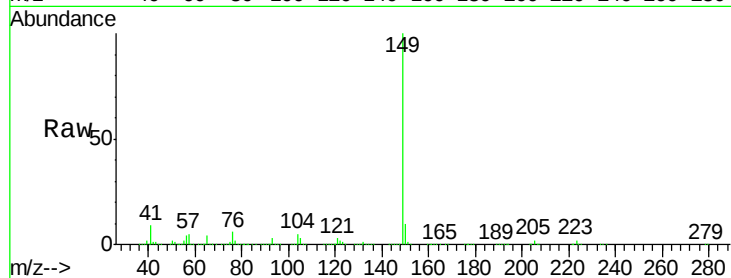
Tgt Ion:149 Resp: 2056487

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

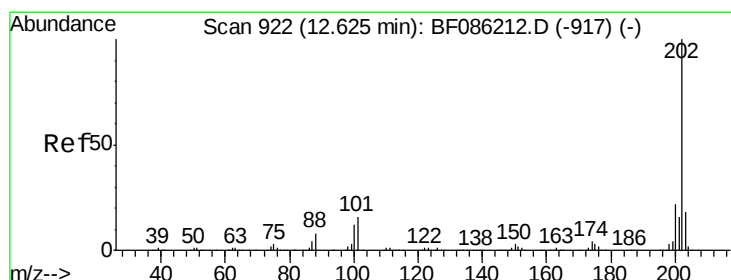
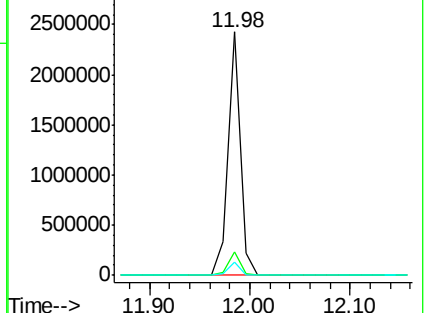
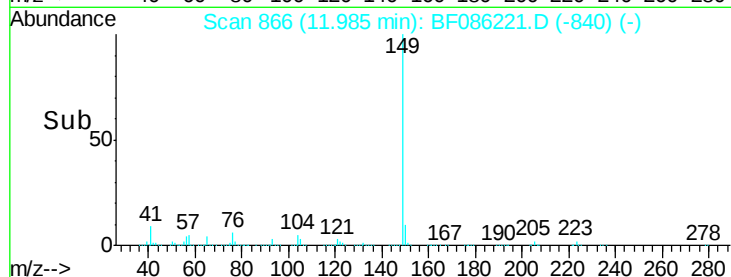
104 5.4 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.56 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

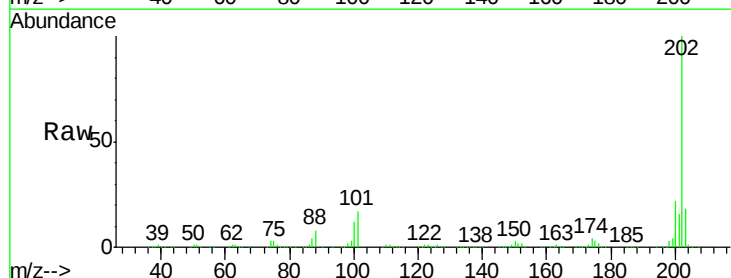
Tgt Ion:202 Resp: 1636854

Ion Ratio Lower Upper

202 100

101 16.7 0.0 35.2

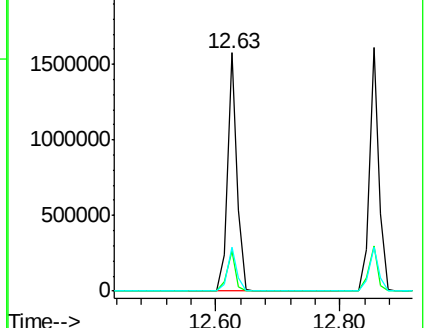
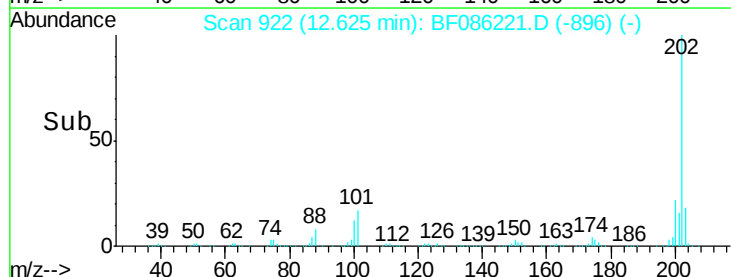
203 18.2 0.0 38.2

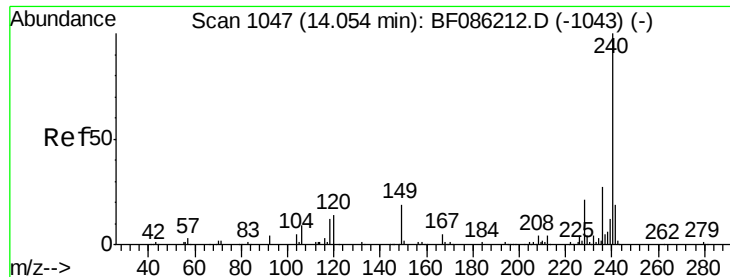


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

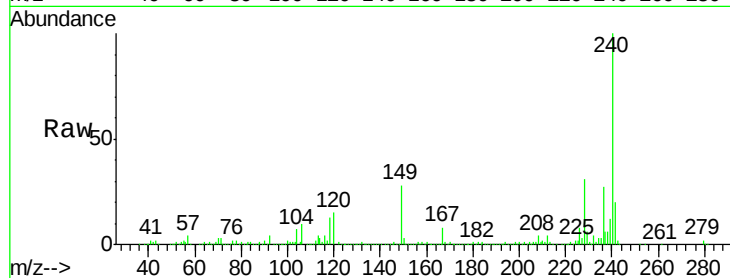
Tgt Ion:240 Resp: 573523

Ion Ratio Lower Upper

240 100

120 14.8 9.3 13.9#

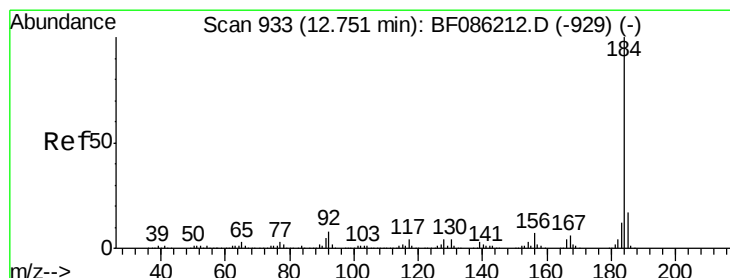
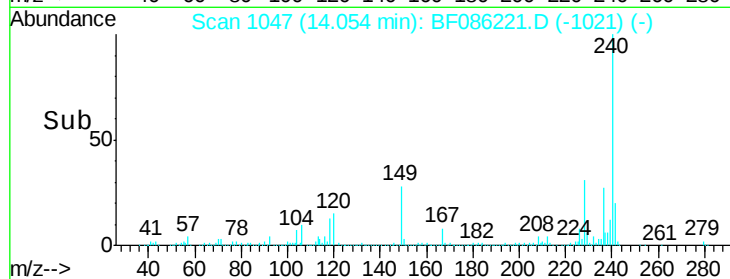
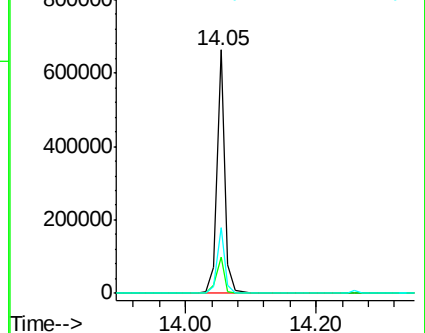
236 26.9 21.1 31.7



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: 18.24 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

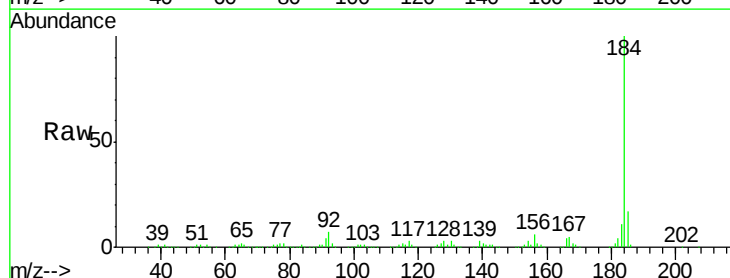
Tgt Ion:184 Resp: 405730

Ion Ratio Lower Upper

184 100

185 17.0 14.2 21.2

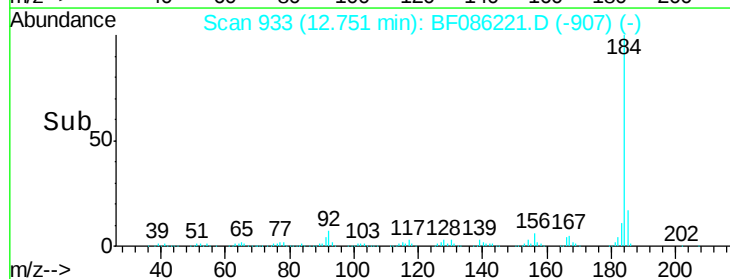
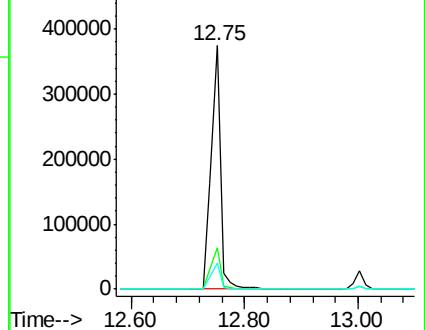
183 10.6 9.8 14.6

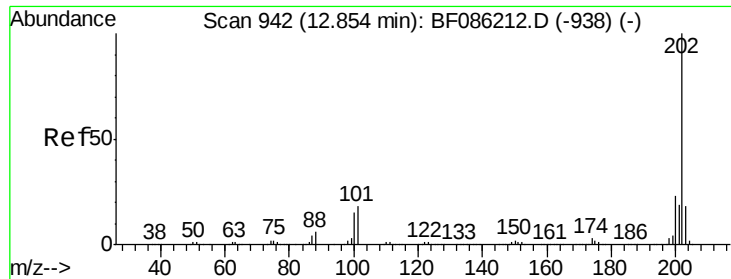


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

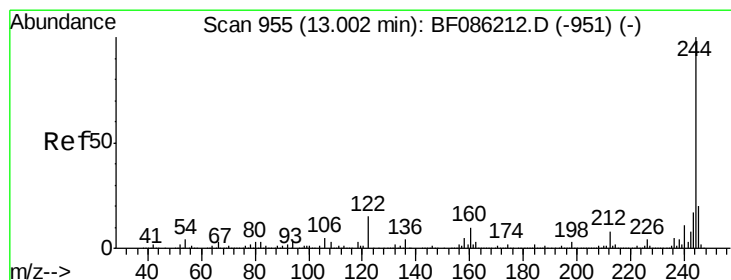
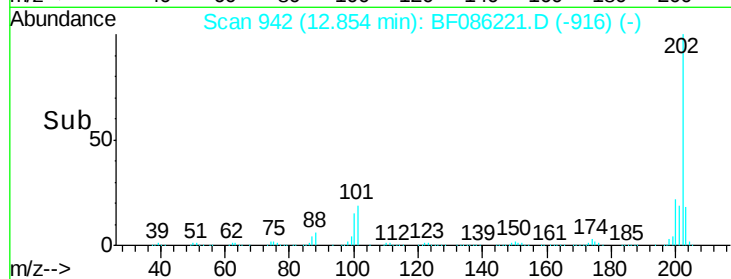
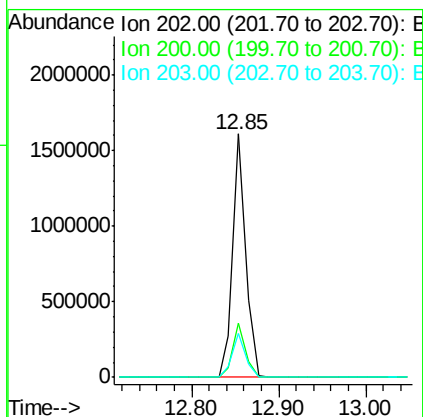
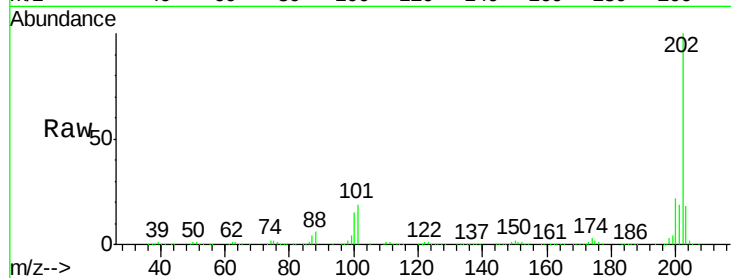




#77
 Pyrene
 Concen: 37.77 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

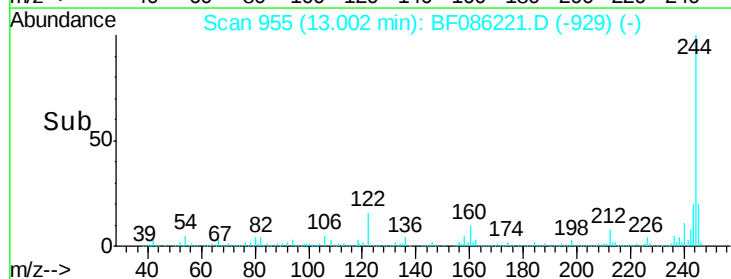
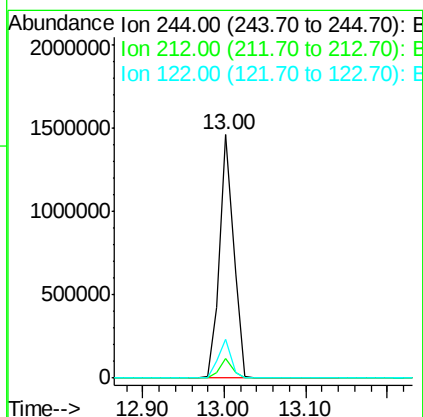
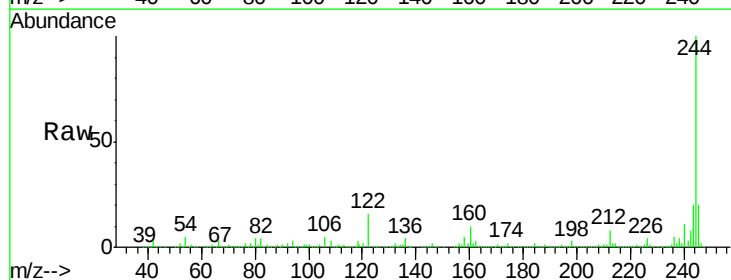
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

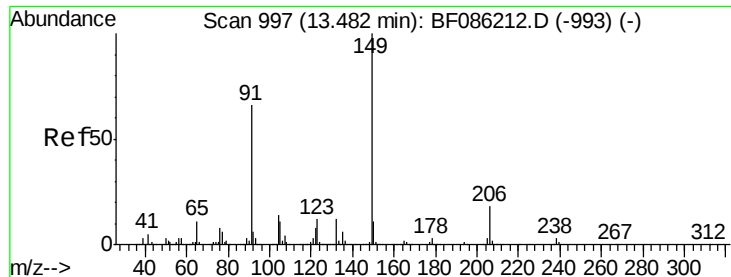
Tgt Ion:202 Resp: 1661932
 Ion Ratio Lower Upper
 202 100
 200 22.5 18.3 27.5
 203 18.2 14.9 22.3



#78
 Terphenyl-d14
 Concen: 76.49 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion:244 Resp: 1744704
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 16.1 11.7 17.5

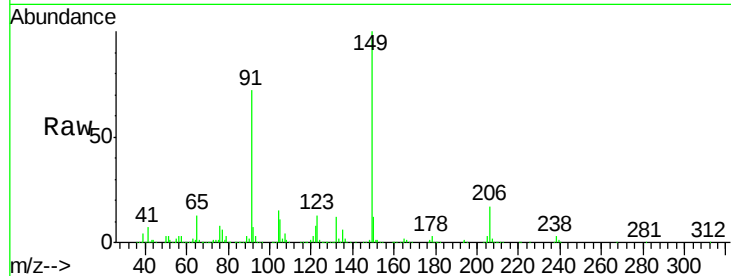




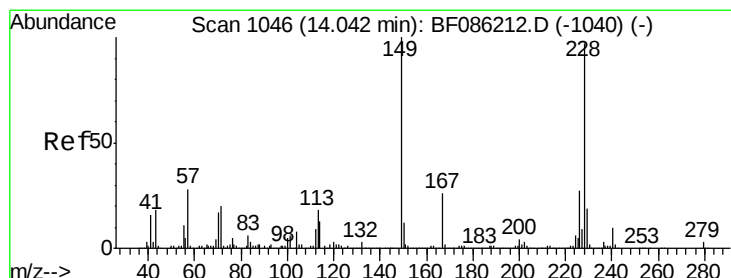
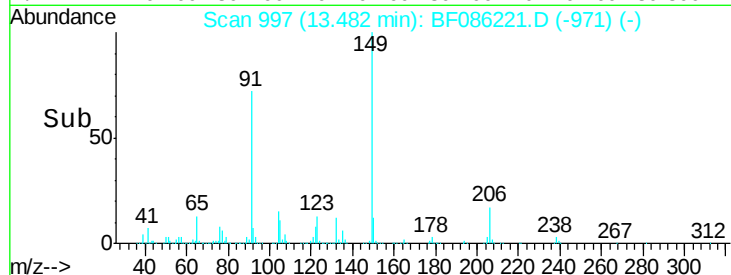
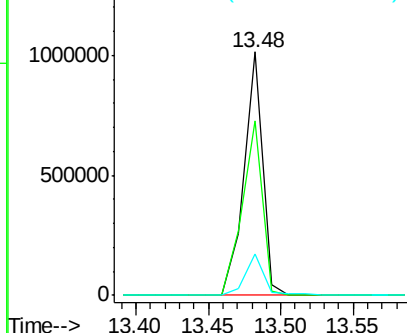
#79
Butylbenzylphthalate
Concen: 44.53 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Instrument :
BNA_F
ClientSampleId :
PB89820BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.7	48.7	73.1
206	17.2	15.7	23.5

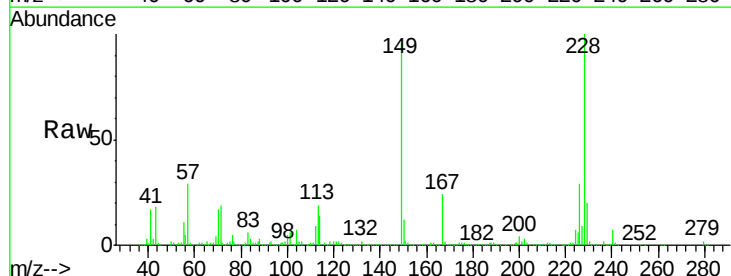


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

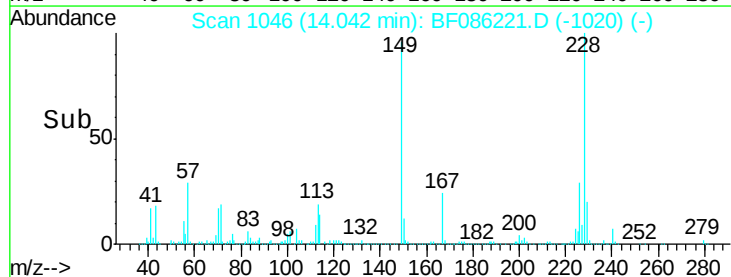
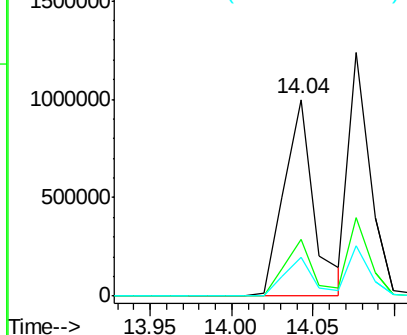


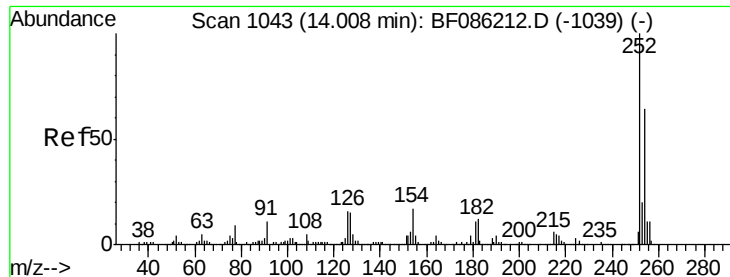
#80
Benzo(a)anthracene
Concen: 40.59 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086221.D
Acq: 15 Apr 2016 17:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.5	33.7
229	20.0	16.2	24.2



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

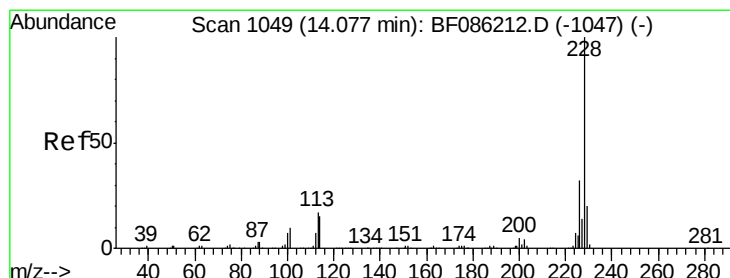
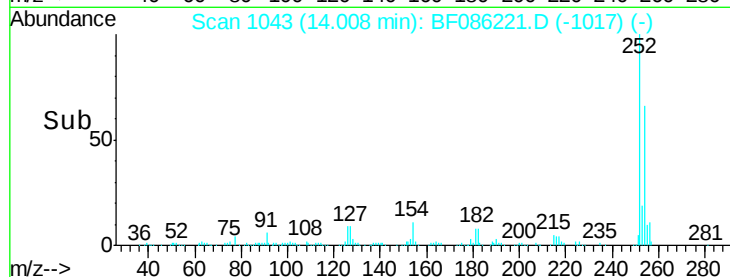
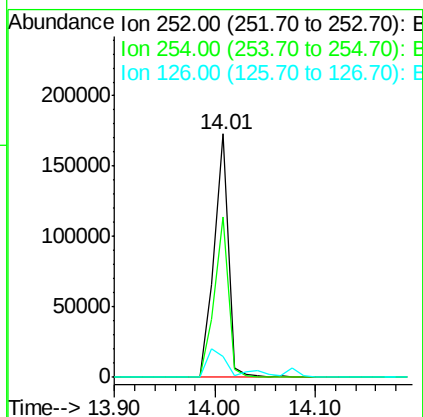
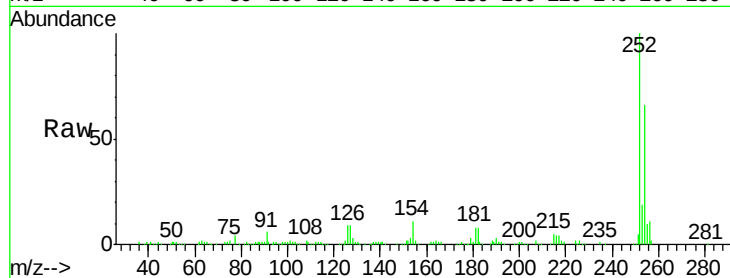




#81
 3,3'-Dichlorobenzidine
 Concen: 9.44 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

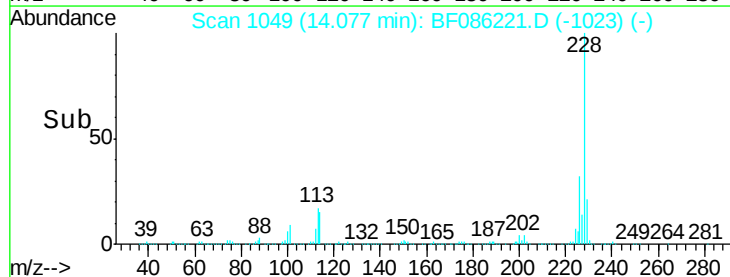
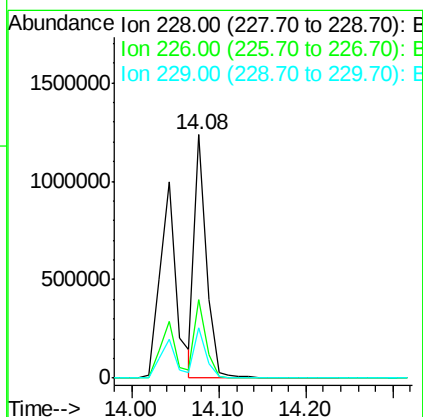
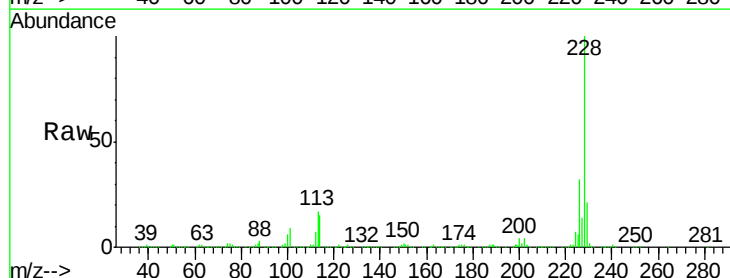
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

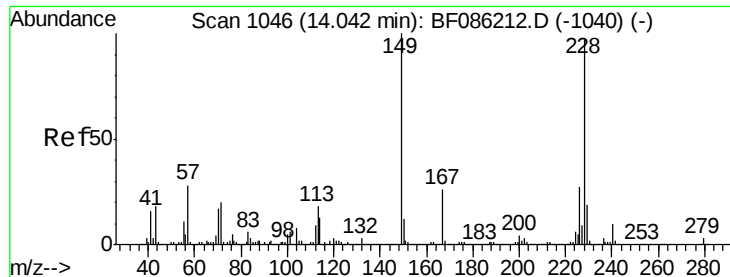
Tgt Ion: 252 Resp: 172313
 Ion Ratio Lower Upper
 252 100
 254 66.0 52.1 78.1
 126 8.6 13.2 19.8#



#82
 Chrysene
 Concen: 34.75 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion: 228 Resp: 1166514
 Ion Ratio Lower Upper
 228 100
 226 32.3 25.4 38.2
 229 20.8 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.18 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

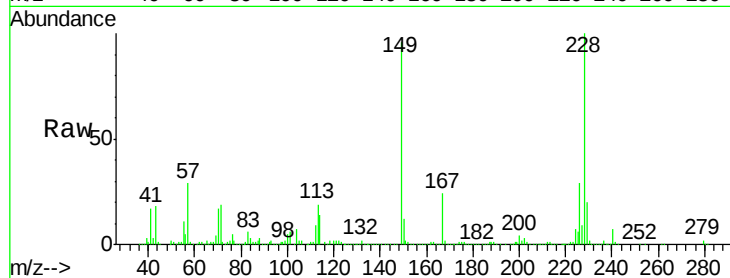
Tgt Ion:149 Resp: 881858

Ion Ratio Lower Upper

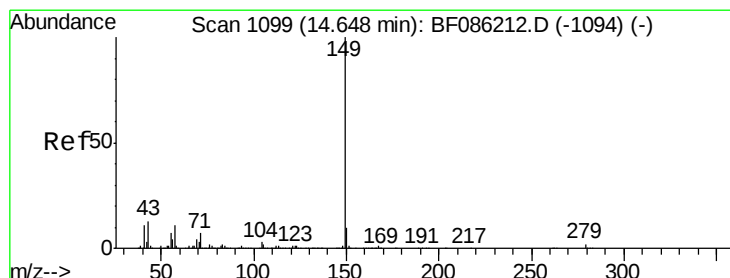
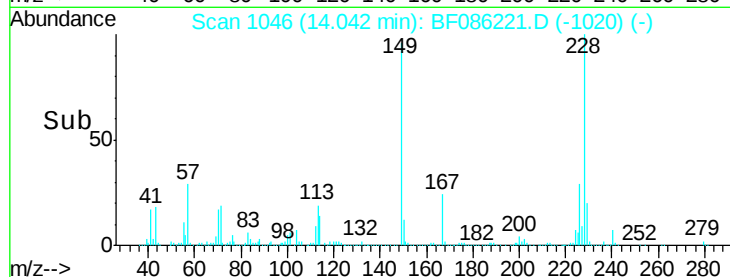
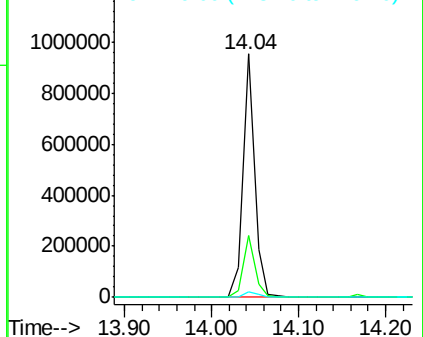
149 100

167 25.3 21.0 31.4

279 2.2 2.4 3.6#



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



#84

Di-n-octyl phthalate

Concen: 45.44 ng

RT: 14.66 min Scan# 1100

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

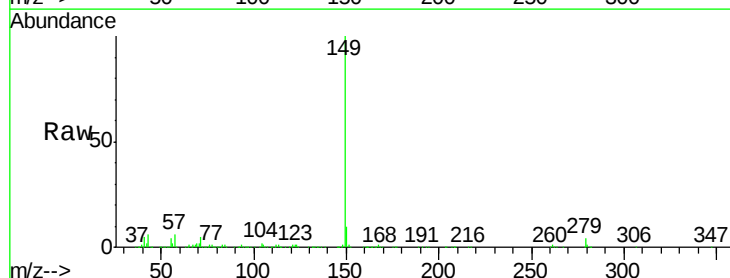
Tgt Ion:149 Resp: 1922432

Ion Ratio Lower Upper

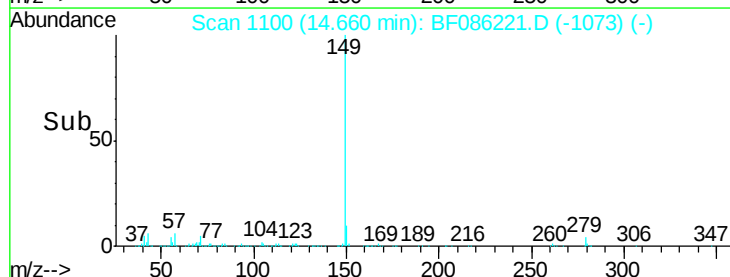
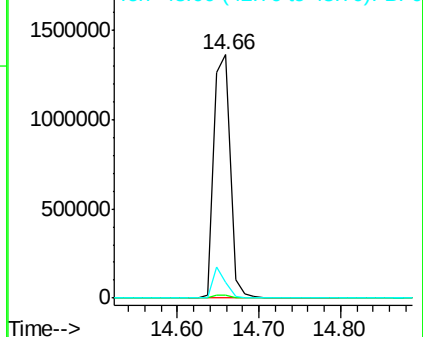
149 100

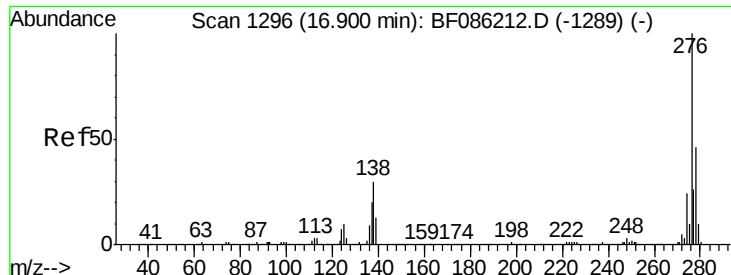
167 1.5 1.1 1.7

43 9.9 9.1 13.7



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

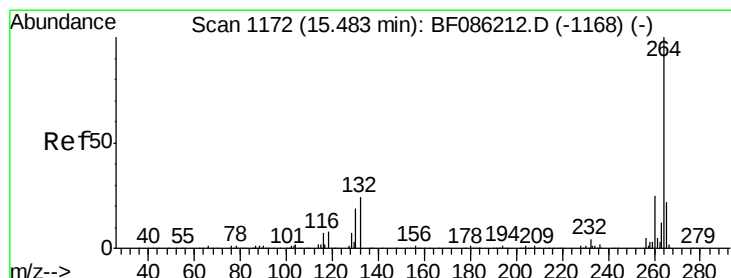
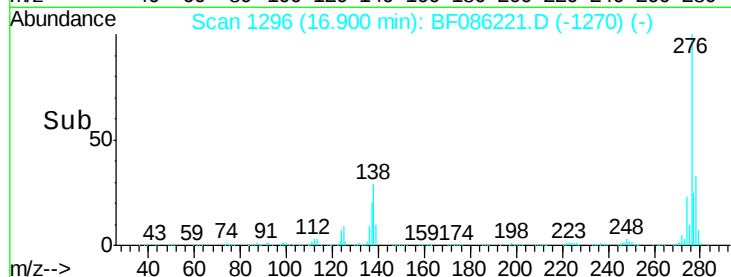
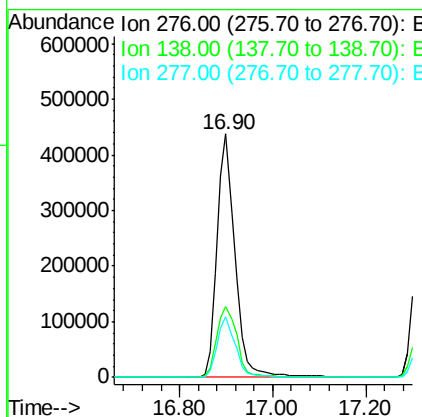
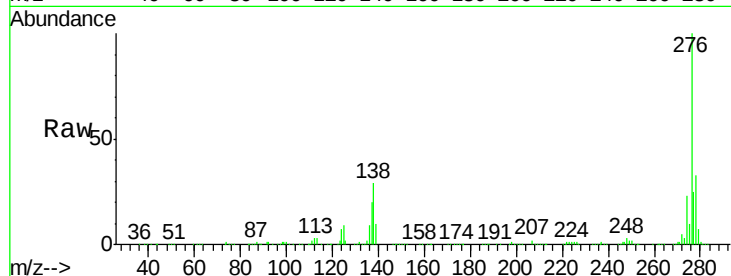




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.09 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

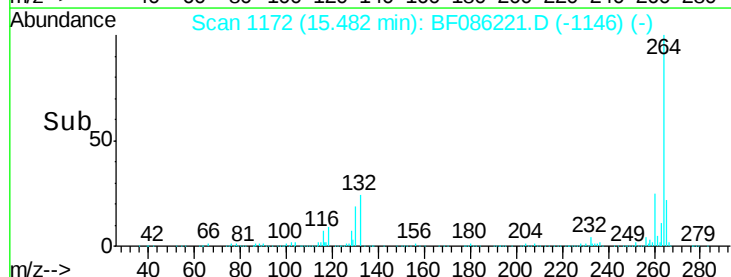
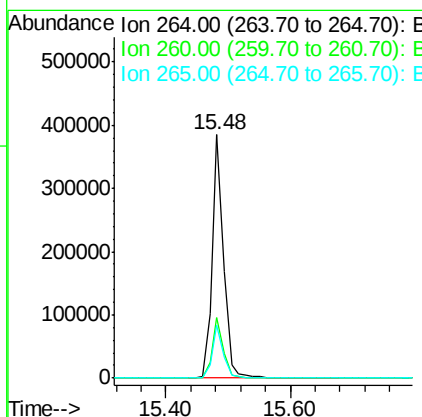
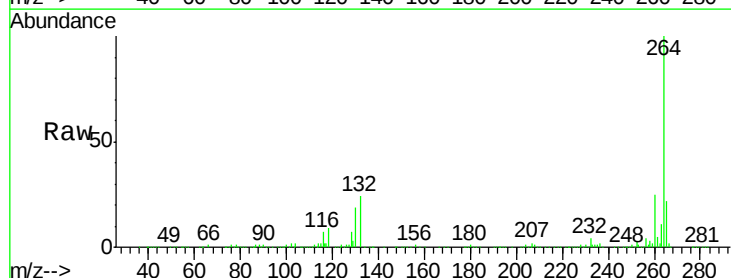
Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

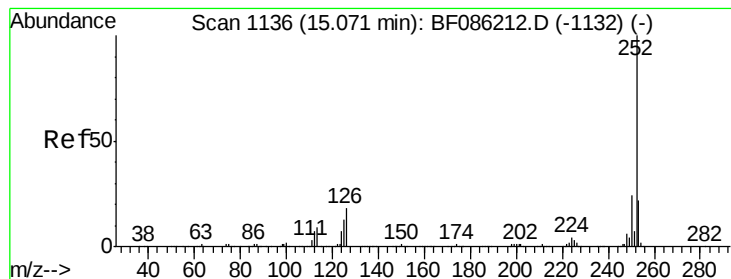
Tgt Ion: 276 Resp: 1161565
 Ion Ratio Lower Upper
 276 100
 138 33.0 23.8 35.6
 277 25.5 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Tgt Ion: 264 Resp: 484648
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.0 30.0
 265 21.7 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 78.62 ng

RT: 15.11 min Scan# 1139

Delta R.T. 0.03 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

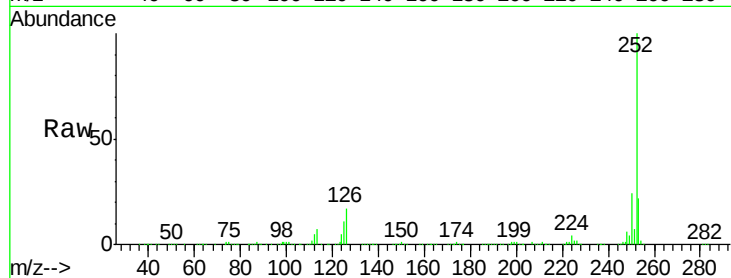
Tgt Ion:252 Resp: 2350713

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

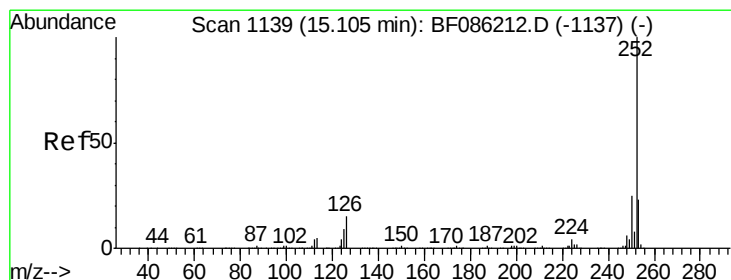
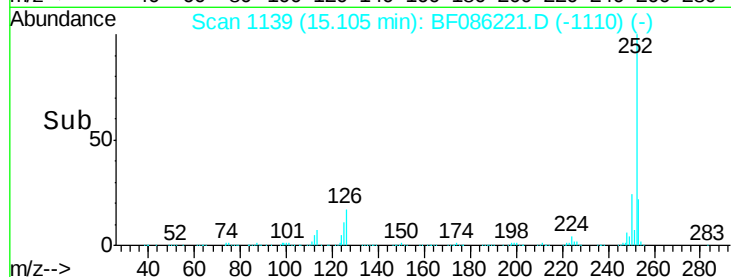
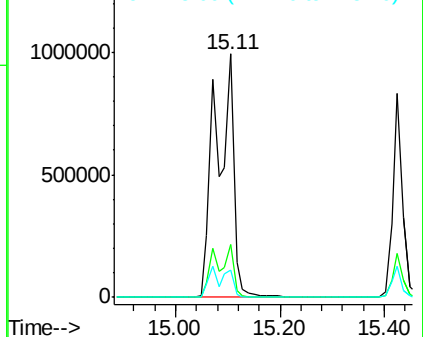
125 11.4 10.3 15.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 86.35 ng

RT: 15.11 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

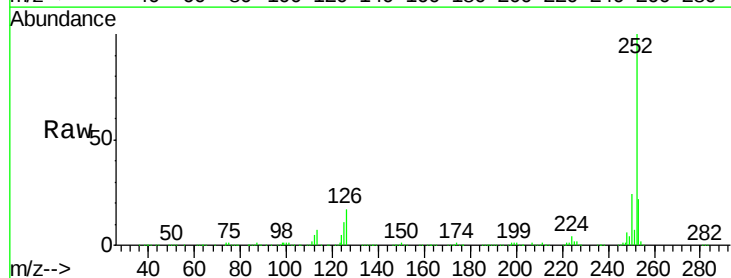
Tgt Ion:252 Resp: 2354130

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

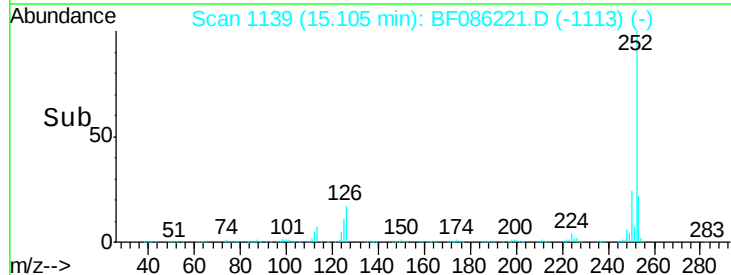
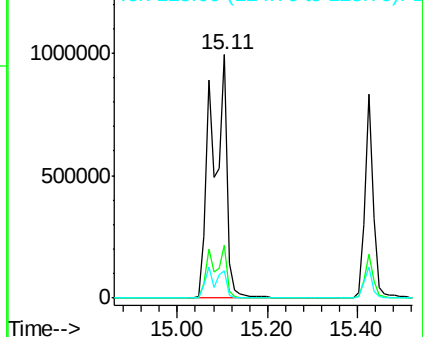
125 11.4 7.8 11.6

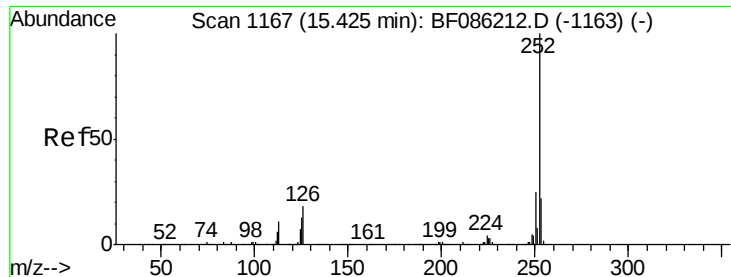


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.11 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

Instrument :

BNA_F

ClientSampleId :

PB89820BS

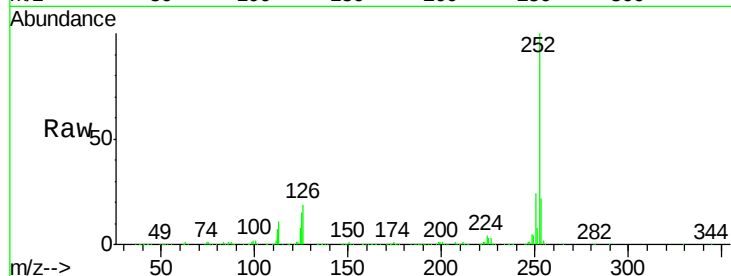
Tgt Ion:252 Resp: 1090669

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

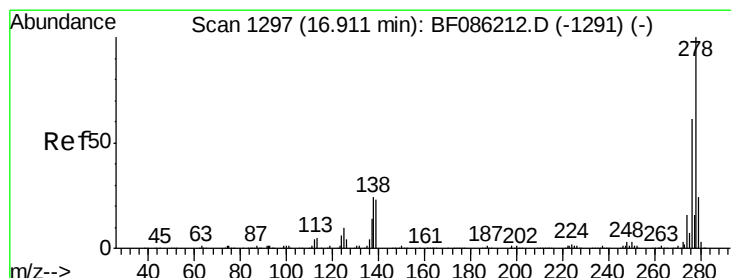
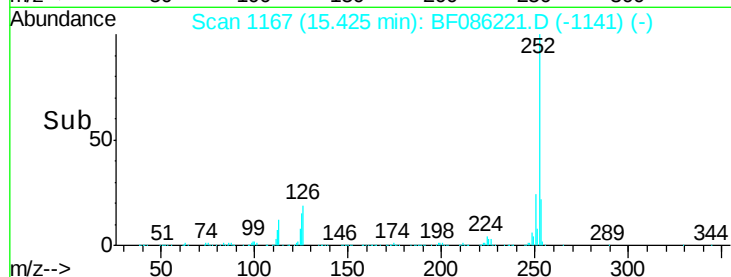
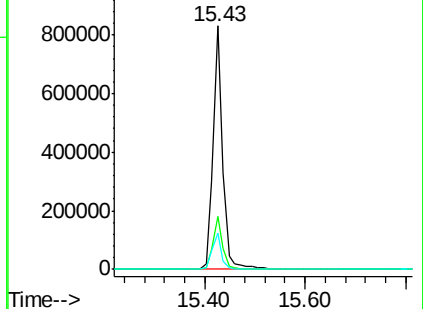
125 15.0 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.37 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086221.D

Acq: 15 Apr 2016 17:25

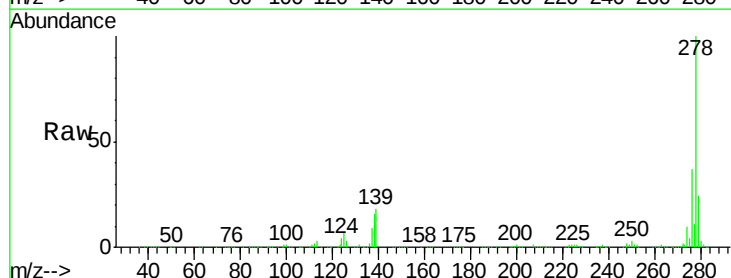
Tgt Ion:278 Resp: 969747

Ion Ratio Lower Upper

278 100

139 18.4 15.3 22.9

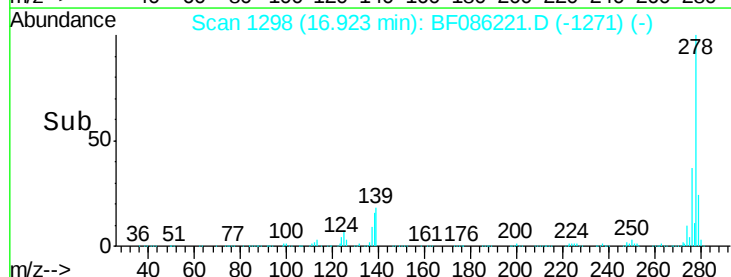
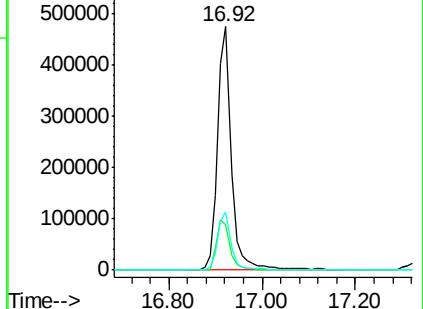
279 23.7 19.1 28.7

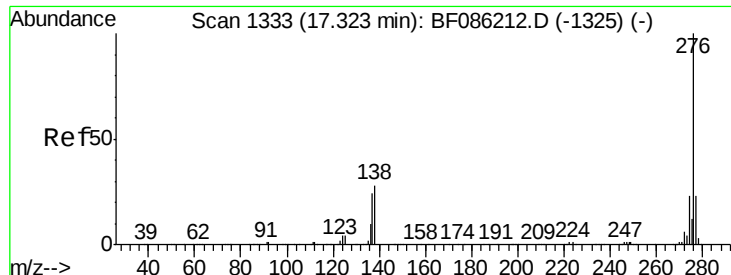


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

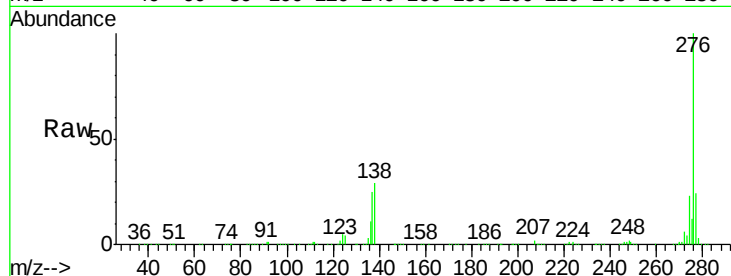




#91
 Benzo(g,h,i)perylene
 Concen: 42.05 ng
 RT: 17.32 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF086221.D
 Acq: 15 Apr 2016 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PB89820BS

Tgt Ion: 276 Resp: 1023409
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.0 28.6
 138 29.2 19.6 29.4



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

