

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086249.D
 Acq On : 16 Apr 2016 7:28
 Operator : UM/SJ
 Sample : PB89850BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Quant Time: Apr 18 03:56:24 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	290163	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1178404	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	554610	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	944435	20.00	ng	0.00
75) Chrysene-d12	14.05	240	574586	20.00	ng	0.00
86) Perylene-d12	15.48	264	493087	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1298112	73.30	ng	0.01
7) Phenol-d6	6.52	99	1600104	72.24	ng	0.00
23) Nitrobenzene-d5	7.46	82	1474760	72.18	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	344010	77.25	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2338525	77.81	ng	0.00
78) Terphenyl-d14	13.00	244	1635676	71.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	301212	30.84	ng	98
3) Pyridine	3.32	79	934938	36.71	ng	98
4) n-Nitrosodimethylamine	3.26	42	364681	39.63	ng	# 72
6) Aniline	6.56	93	704956	22.08	ng	97
8) 2-Chlorophenol	6.68	128	780172	38.94	ng	# 80
9) Benzaldehyde	6.44	77	194768	12.39	ng	89
10) Phenol	6.53	94	972516	36.87	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	754622	38.02	ng	# 82
12) 1,3-Dichlorobenzene	6.83	146	757808	35.65	ng	100
13) 1,4-Dichlorobenzene	6.91	146	745611	36.82	ng	99
14) 1,2-Dichlorobenzene	7.07	146	706976	39.33	ng	99
15) Benzyl Alcohol	7.04	79	633509	40.31	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1160127	37.52	ng	99
17) 2-Methylphenol	7.15	107	690550	41.37	ng	95
18) Hexachloroethane	7.41	117	304493	39.86	ng	96
19) n-Nitroso-di-n-propylamine	7.31	70	474340	33.46	ng	# 85
20) 3+4-Methylphenols	7.30	107	674526	36.07	ng	93
22) Acetophenone	7.31	105	931844	41.68	ng	# 99
24) Nitrobenzene	7.48	77	910750	40.77	ng	94
25) Isophorone	7.72	82	1604916	39.59	ng	99
26) 2-Nitrophenol	7.79	139	404915	41.57	ng	93
27) 2,4-Dimethylphenol	7.84	122	800495	40.70	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	942756	39.55	ng	100
29) 2,4-Dichlorophenol	8.03	162	618264	41.35	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	608428	38.88	ng	99
31) Naphthalene	8.20	128	2030446	38.59	ng	100
32) Benzoic acid	7.95	122	521592	41.48	ng	97
33) 4-Chloroaniline	8.25	127	299529	12.73	ng	96
34) Hexachlorobutadiene	8.33	225	315729	40.27	ng	97
35) Caprolactam	8.62	113	185972	34.35	ng	# 75
36) 4-Chloro-3-methylphenol	8.73	107	722300	41.68	ng	92
37) 2-Methylnaphthalene	8.90	142	1435696	42.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	439832	35.90	ng	98
40) Hexachlorocyclopentadiene	9.05	237	516836	79.05	ng	99

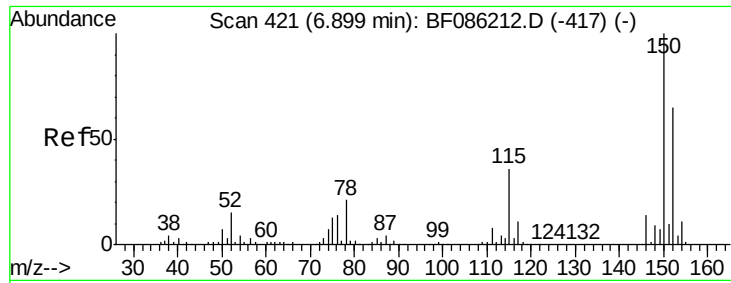
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086249.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	425083	38.91	ng	99
43) 2,4,5-Trichlorophenol	9.21	196	415492	39.37	ng	# 86
45) 1,1'-Biphenyl	9.36	154	1516594	37.99	ng	99
46) 2-Chloronaphthalene	9.38	162	1201245	36.85	ng	99
47) 2-Nitroaniline	9.47	65	430933	40.81	ng	98
48) Acenaphthylene	9.80	152	2131074	41.09	ng	100
49) Dimethylphthalate	9.66	163	1588310	39.39	ng	99
50) 2,6-Dinitrotoluene	9.72	165	380995	42.70	ng	95
51) Acenaphthene	9.97	154	1362820	43.99	ng	100
52) 3-Nitroaniline	9.88	138	219341	20.23	ng	99
53) 2,4-Dinitrophenol	9.98	184	280362	84.61	ng	# 88
54) Dibenzofuran	10.14	168	1781040	43.53	ng	95
55) 4-Nitrophenol	10.04	139	557050	65.67	ng	93
56) 2,4-Dinitrotoluene	10.12	165	483751	42.35	ng	# 79
57) Fluorene	10.49	166	1231046	43.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	330399	43.10	ng	98
59) Diethylphthalate	10.36	149	1511228	36.31	ng	99
60) 4-Chlorophenyl-phenylether	10.48	204	480717	40.23	ng	95
61) 4-Nitroaniline	10.50	138	357044	38.10	ng	92
62) Azobenzene	10.64	77	1700033	41.74	ng	96
64) 4,6-Dinitro-2-methylphenol	10.52	198	192880	42.91	ng	96
65) n-Nitrosodiphenylamine	10.59	169	1181058	40.83	ng	100
66) 4-Bromophenyl-phenylether	10.97	248	346589	39.38	ng	93
67) Hexachlorobenzene	11.02	284	371984	40.33	ng	93
68) Atrazine	11.13	200	387518	43.72	ng	94
69) Pentachlorophenol	11.22	266	385047	68.84	ng	99
70) Phenanthrene	11.45	178	1925921	42.69	ng	99
71) Anthracene	11.49	178	1731544	38.48	ng	99
72) Carbazole	11.64	167	1828955	42.63	ng	99
73) Di-n-butylphthalate	11.98	149	2182421	37.62	ng	100
74) Fluoranthene	12.62	202	1670450	42.74	ng	99
76) Benzidine	12.75	184	515219	23.12	ng	97
77) Pyrene	12.85	202	1711081	38.82	ng	99
79) Butylbenzylphthalate	13.48	149	958259	47.06	ng	92
80) Benzo(a)anthracene	14.04	228	1177803	37.34	ng	99
81) 3,3'-Dichlorobenzidine	14.01	252	268931	14.71	ng	# 96
82) Chrysene	14.08	228	1230782	36.59	ng	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	919243	41.80	ng	99
84) Di-n-octyl phthalate	14.65	149	1759938	41.53	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	1309298	47.36	ng	97
87) Benzo(b)fluoranthene	15.07	252	1111281	36.53	ng	99
88) Benzo(k)fluoranthene	15.07	252	1111281	40.06	ng	# 96
89) Benzo(a)pyrene	15.43	252	1097989	41.67	ng	100
90) Dibenzo(a,h)anthracene	16.92	278	1080097	46.38	ng	99
91) Benzo(g,h,i)perylene	17.32	276	1156954	46.72	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

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PB89850BS

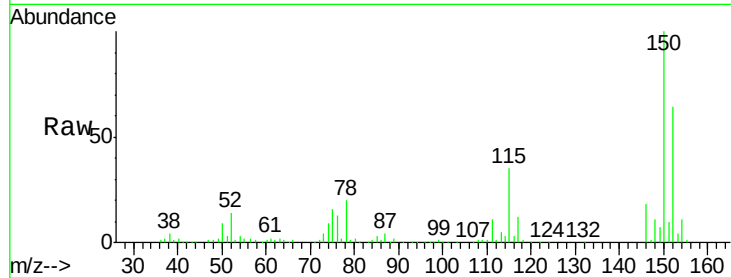
Tgt Ion: 152 Resp: 290163

Ion Ratio Lower Upper

152 100

150 155.3 124.1 186.1

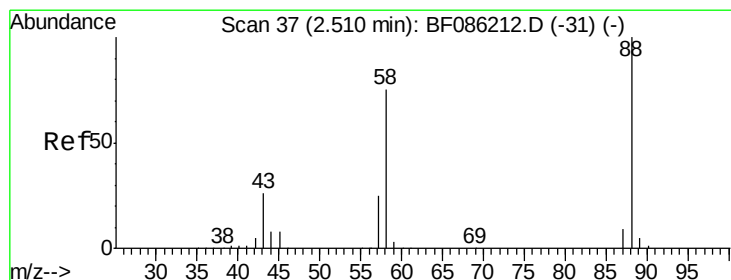
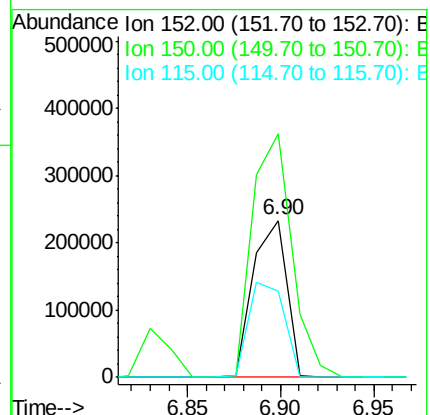
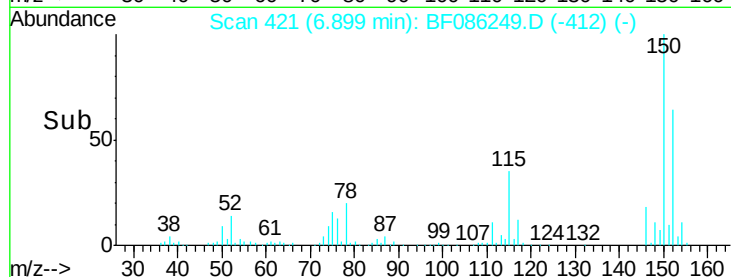
115 54.8 43.9 65.9



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: 30.84 ng

RT: 2.59 min Scan# 44

Delta R.T. 0.08 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

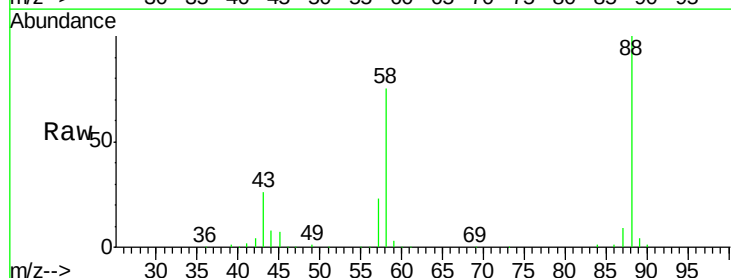
Tgt Ion: 88 Resp: 301212

Ion Ratio Lower Upper

88 100

58 72.9 58.4 87.6

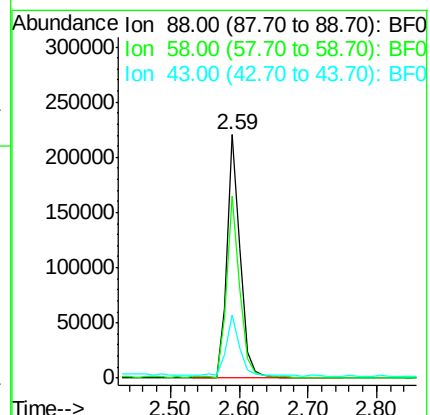
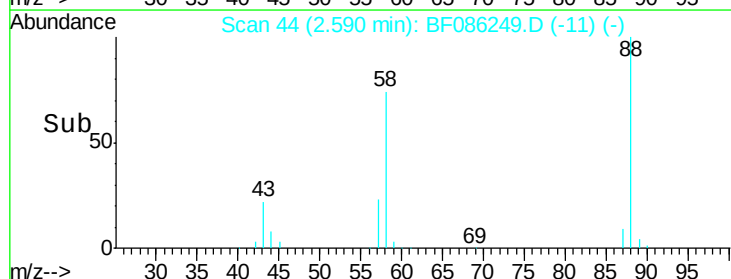
43 26.0 23.3 34.9

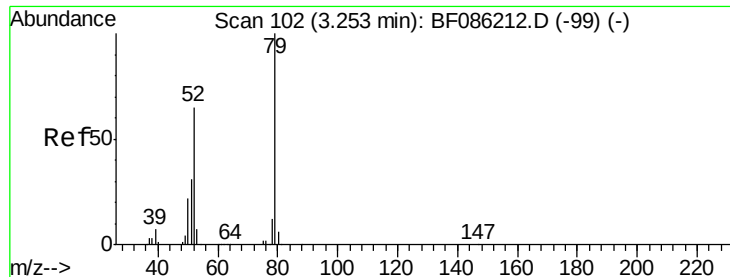


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.71 ng

RT: 3.32 min Scan# 108

Delta R.T. 0.07 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

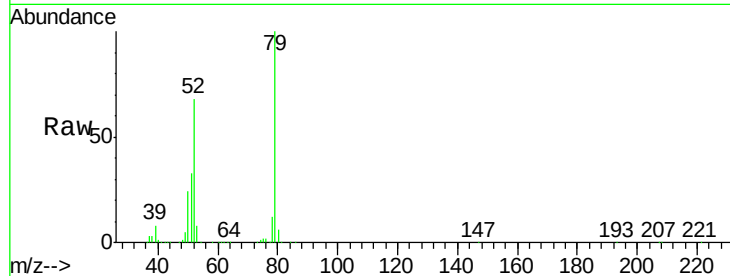
Tgt Ion: 79 Resp: 934938

Ion Ratio Lower Upper

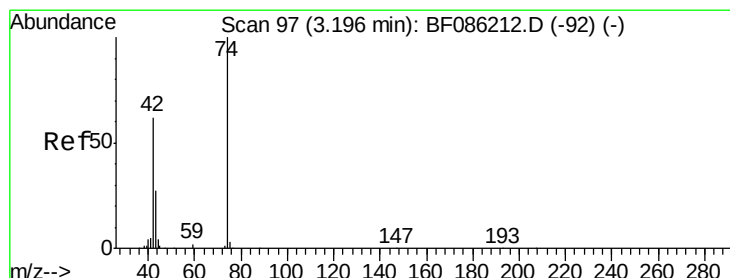
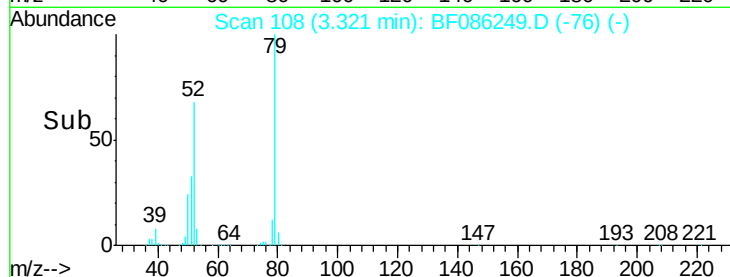
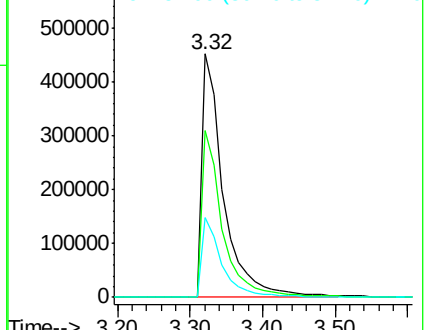
79 100

52 68.4 55.4 83.2

51 32.6 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 39.63 ng

RT: 3.26 min Scan# 103

Delta R.T. 0.07 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

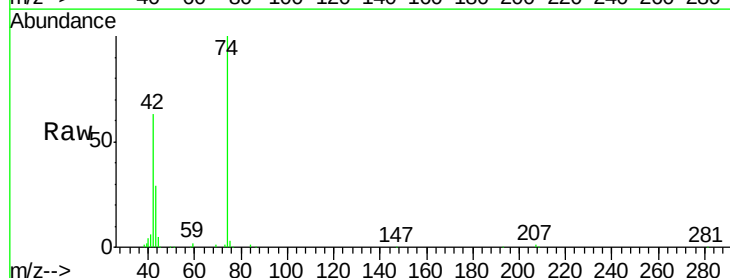
Tgt Ion: 42 Resp: 364681

Ion Ratio Lower Upper

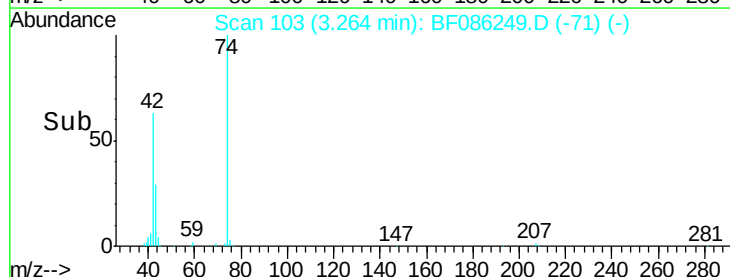
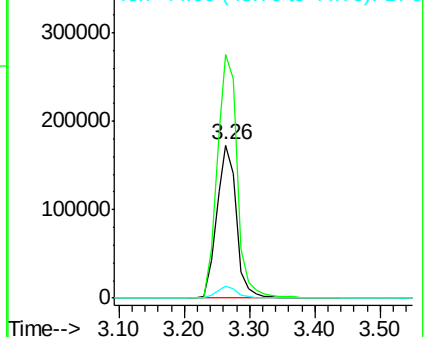
42 100

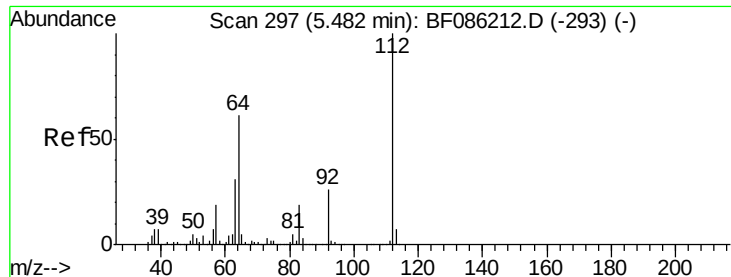
74 159.4 100.5 150.7#

44 7.4 5.4 8.0



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 73.30 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

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PB89850BS

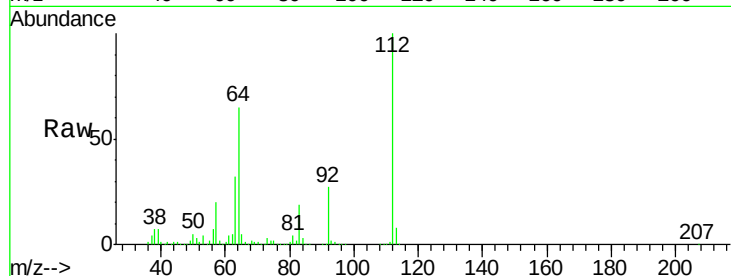
Tgt Ion: 112 Resp: 1298112

Ion Ratio Lower Upper

112 100

64 65.1 48.1 72.1

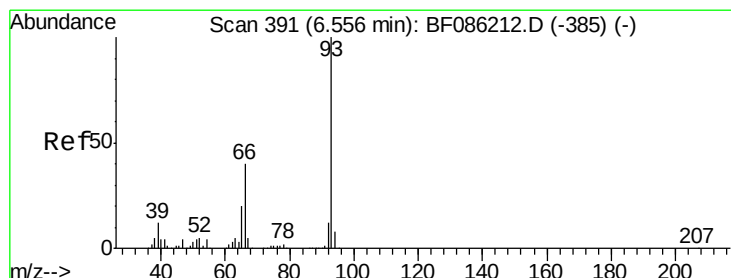
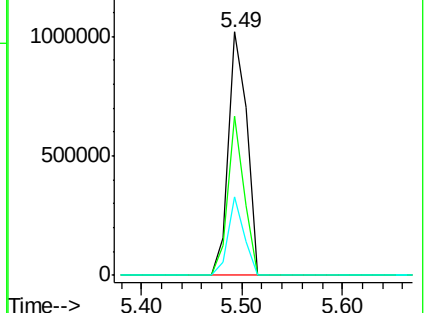
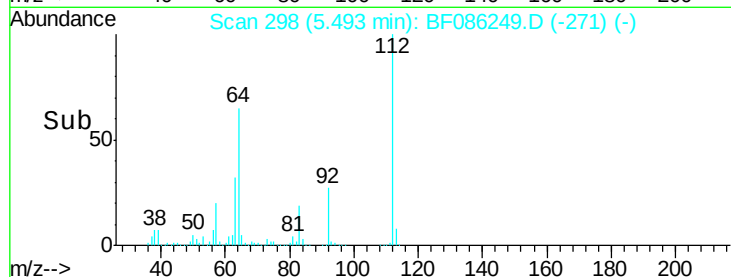
63 32.2 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.08 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

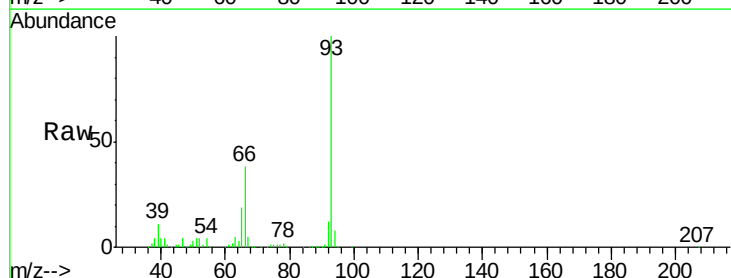
Tgt Ion: 93 Resp: 704956

Ion Ratio Lower Upper

93 100

66 38.2 32.2 48.2

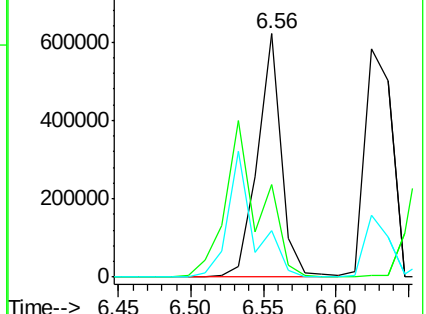
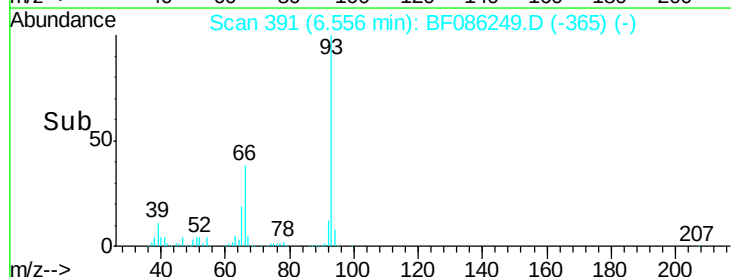
65 19.2 16.4 24.6

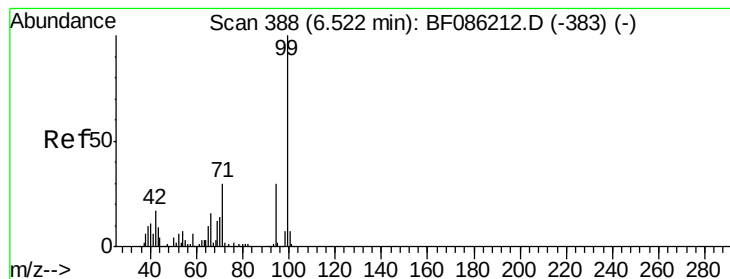


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 72.24 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

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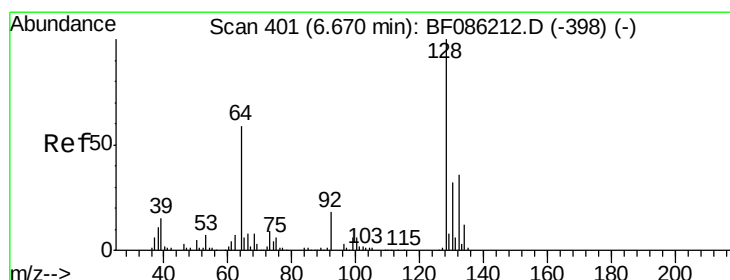
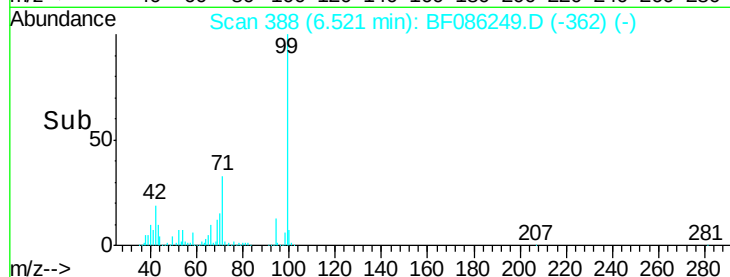
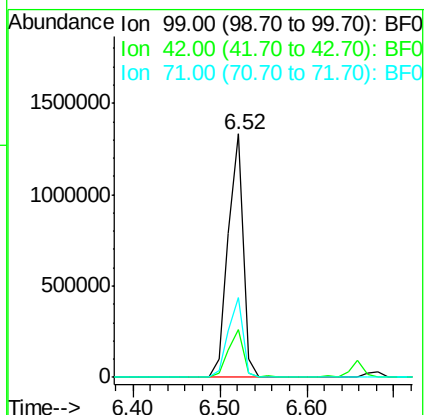
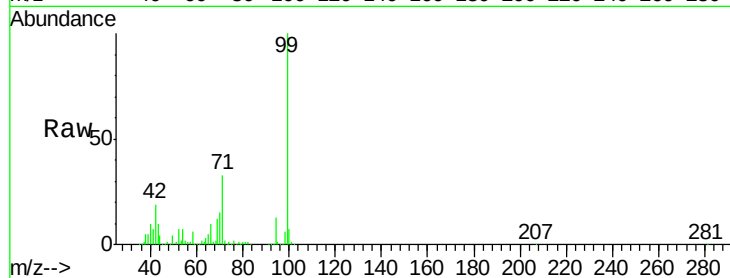
Tgt Ion: 99 Resp: 1600104

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.2

71 32.9 25.6 38.4



#8

2-Chlorophenol

Concen: 38.94 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

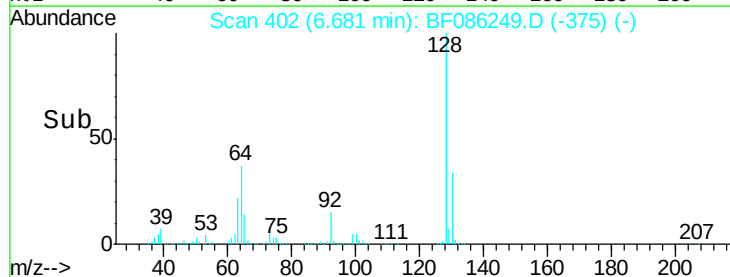
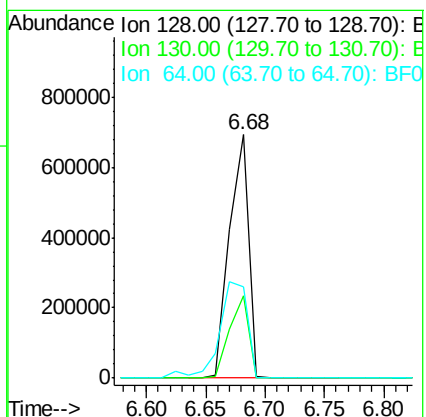
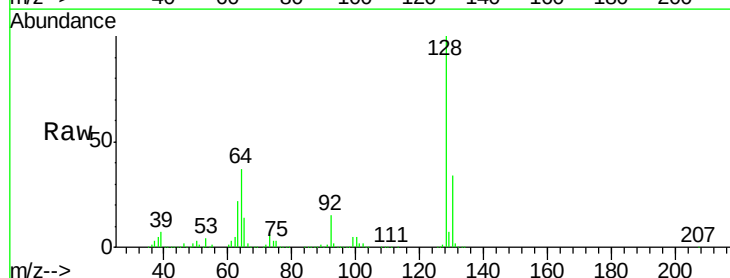
Tgt Ion: 128 Resp: 780172

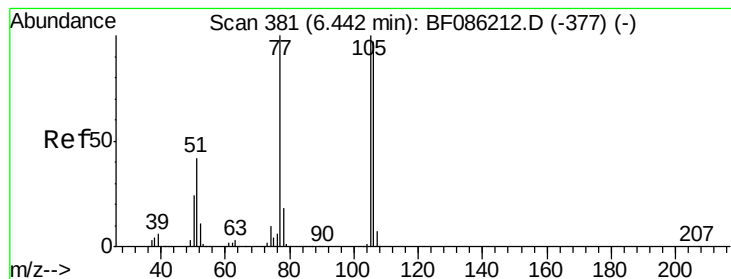
Ion Ratio Lower Upper

128 100

130 33.6 11.8 51.8

64 37.4 39.5 79.5#





#9

Benzaldehyde

Concen: 12.39 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

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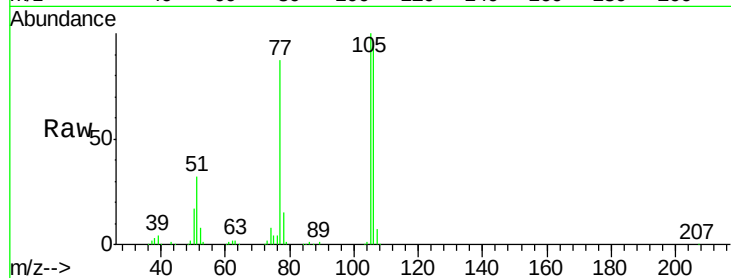
Tgt Ion: 77 Resp: 194768

Ion Ratio Lower Upper

77 100

105 114.5 84.6 124.6

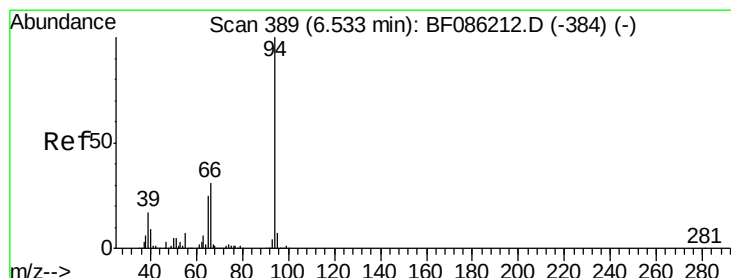
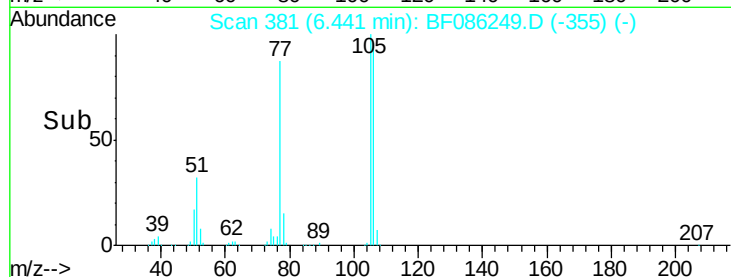
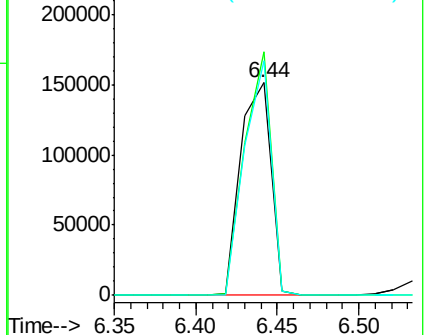
106 110.2 78.6 118.6



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: 36.87 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

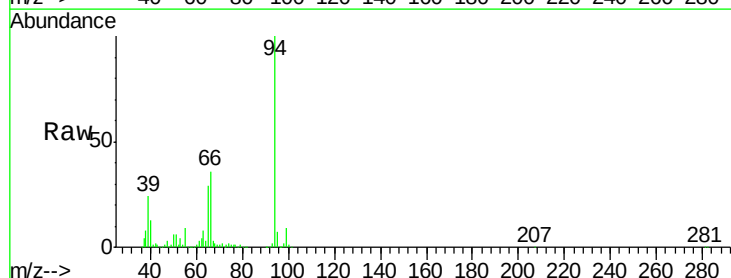
Tgt Ion: 94 Resp: 972516

Ion Ratio Lower Upper

94 100

65 29.0 7.9 47.9

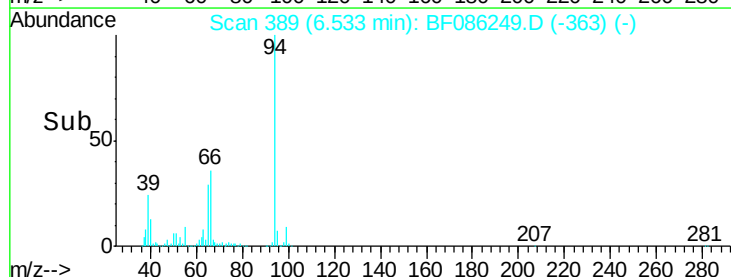
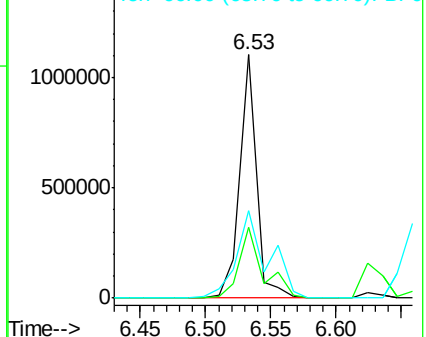
66 36.0 16.5 56.5

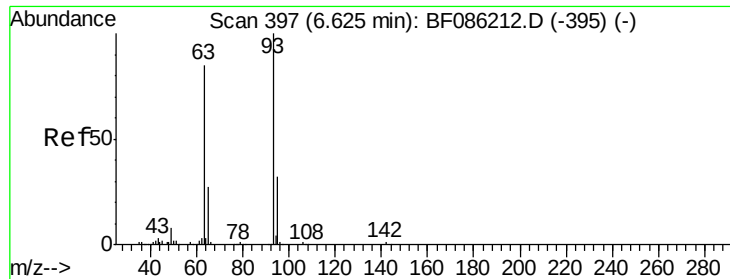


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

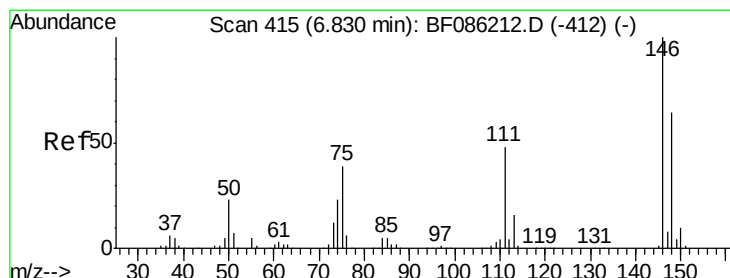
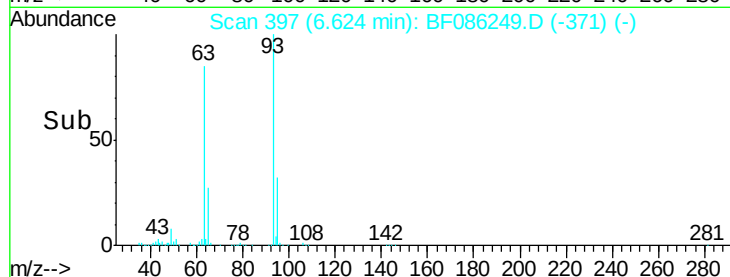
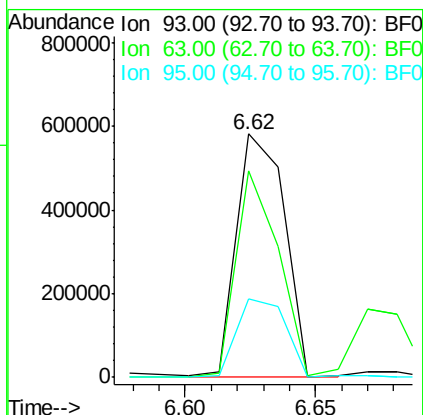
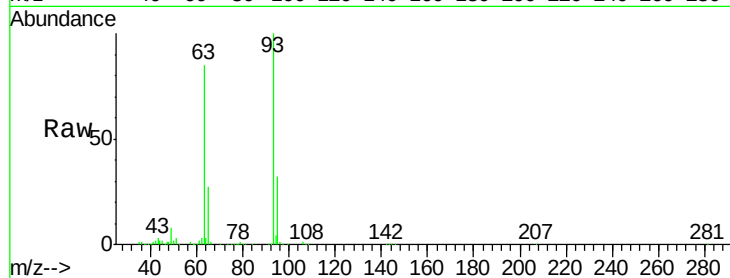




#11
bis(2-Chloroethyl)ether
Concen: 38.02 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

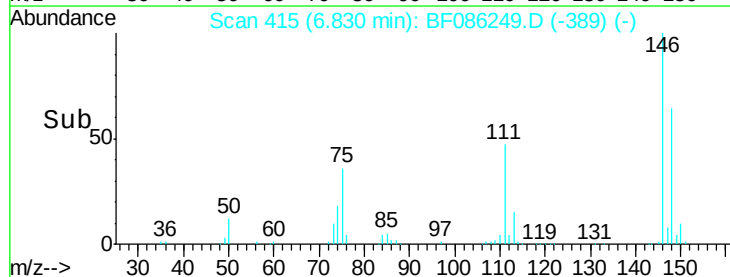
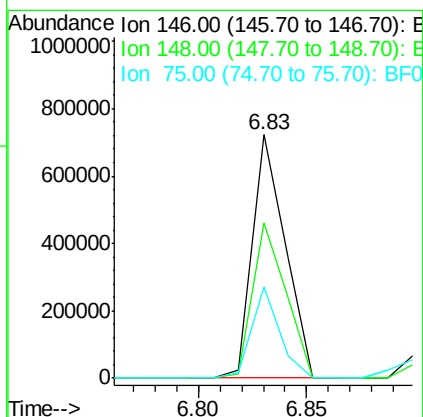
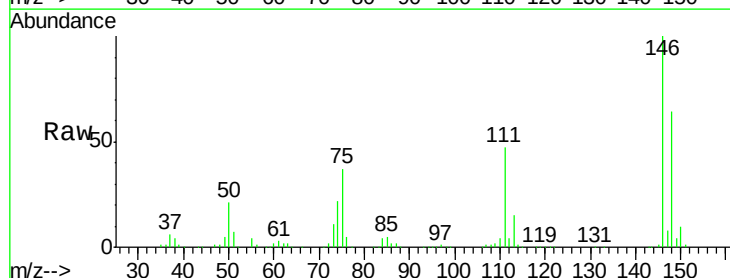
Instrument :
BNA_F
ClientSampleId :
PB89850BS

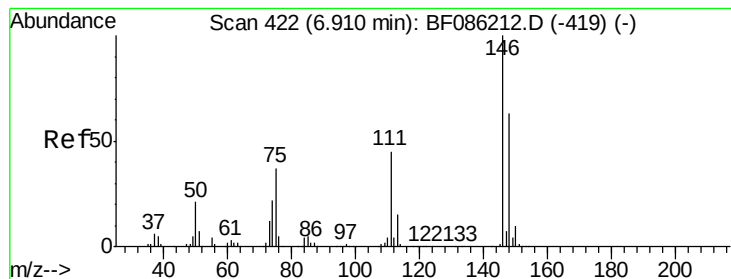
Tgt Ion: 93 Resp: 754622
Ion Ratio Lower Upper
93 100
63 85.0 44.4 84.4#
95 32.4 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 35.65 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion: 146 Resp: 757808
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 37.5 29.9 44.9





#13

1,4-Dichlorobenzene

Concen: 36.82 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

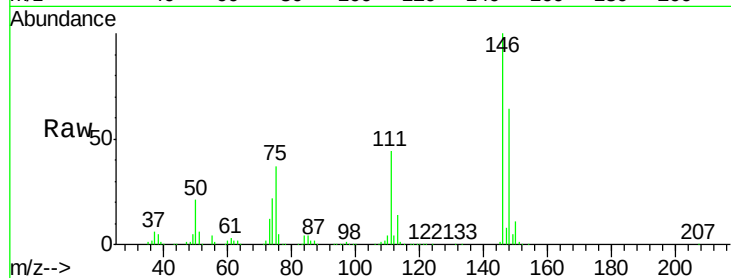
Tgt Ion:146 Resp: 745611

Ion Ratio Lower Upper

146 100

148 63.7 51.8 77.6

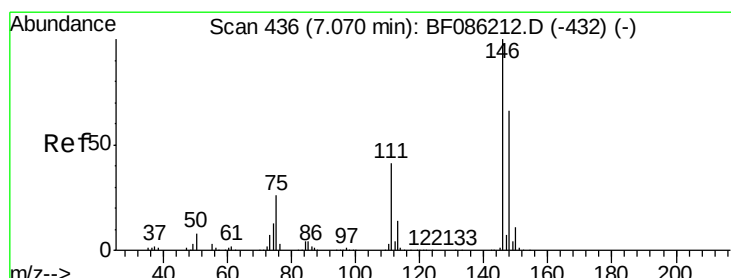
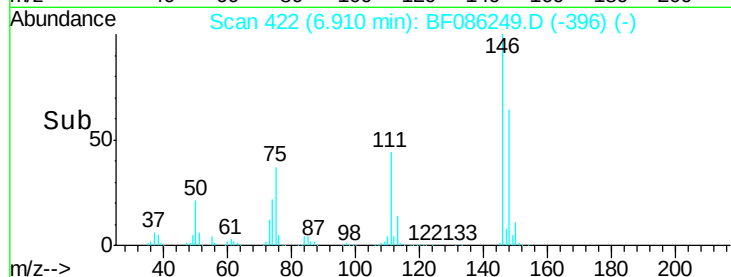
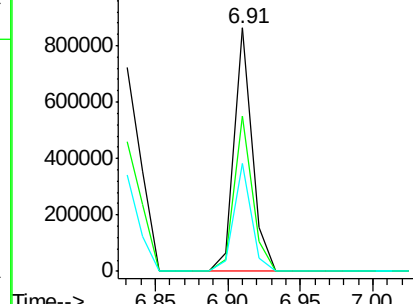
111 44.3 34.9 52.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.33 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

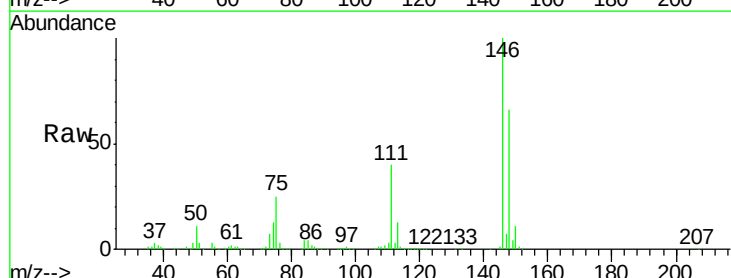
Tgt Ion:146 Resp: 706976

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

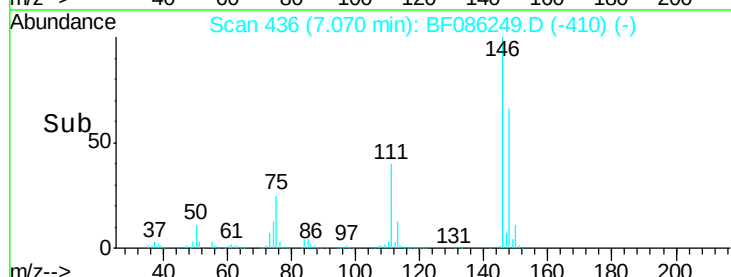
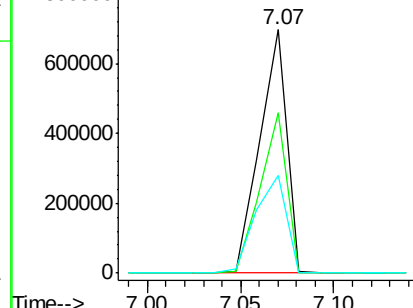
111 40.1 31.0 46.4

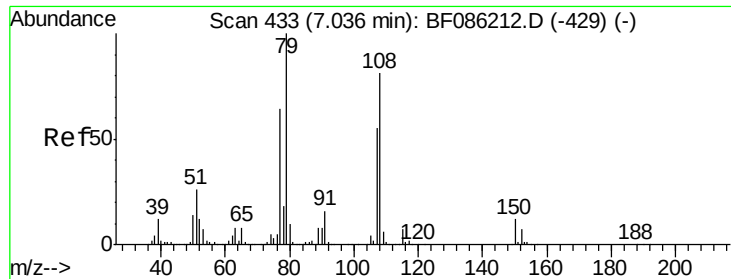


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.31 ng

RT: 7.04 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

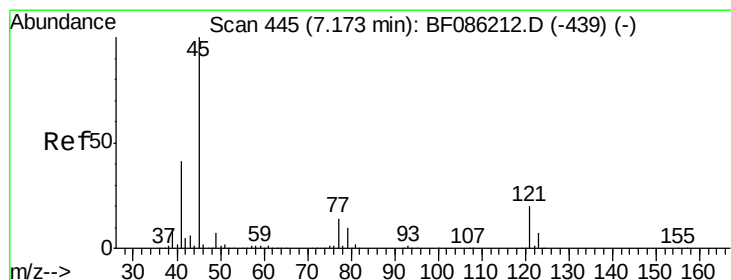
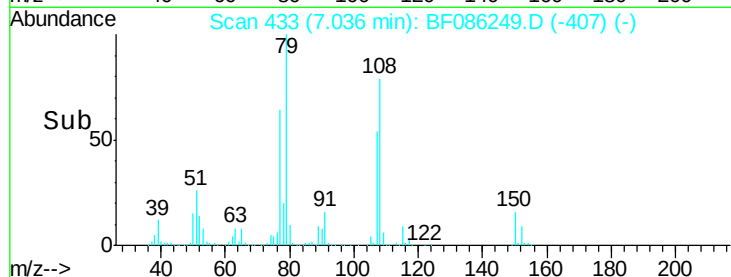
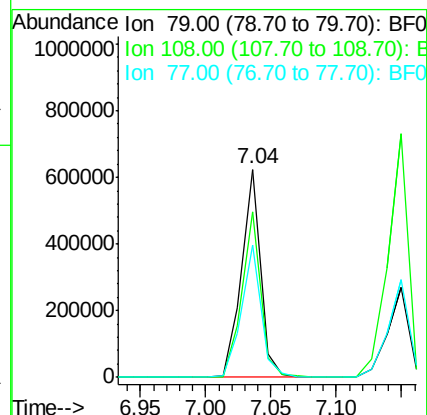
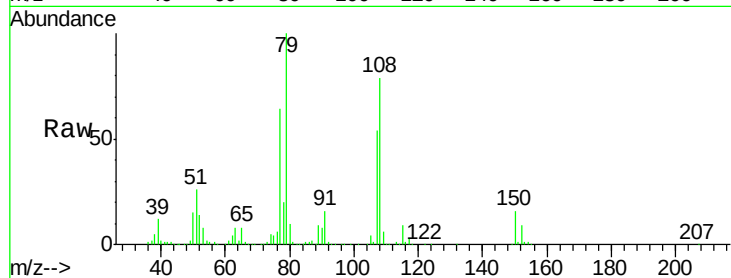
Tgt Ion: 79 Resp: 633509

Ion Ratio Lower Upper

79 100

108 79.5 64.8 97.2

77 63.6 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.52 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

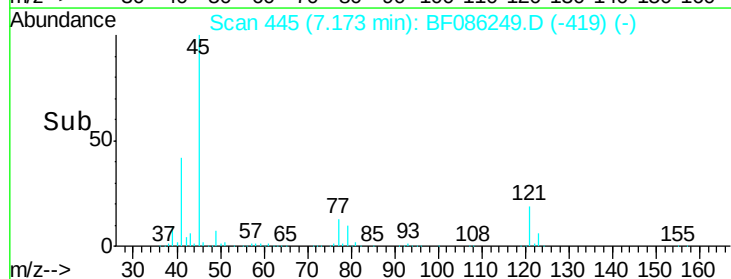
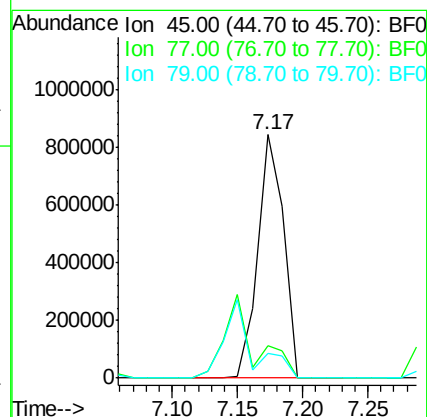
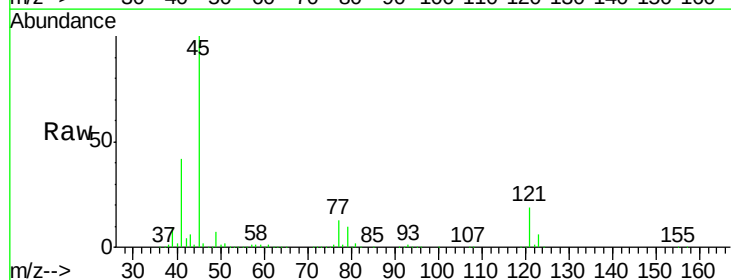
Tgt Ion: 45 Resp: 1160127

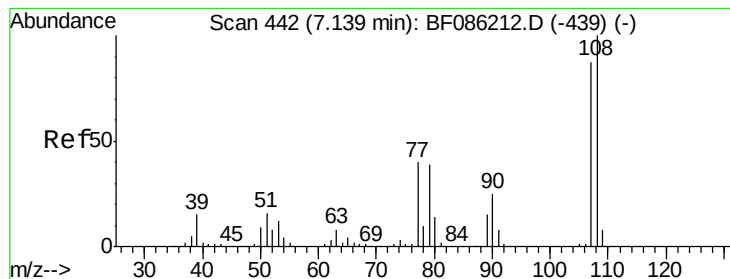
Ion Ratio Lower Upper

45 100

77 13.4 0.0 33.7

79 10.1 0.0 30.1

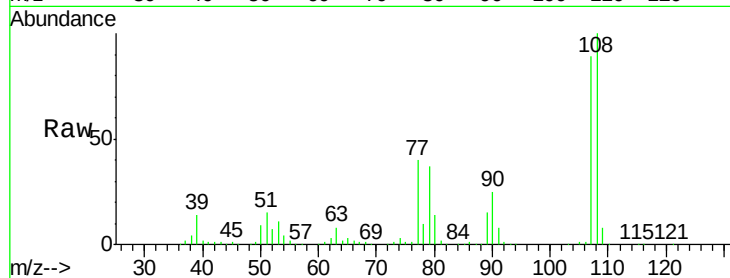




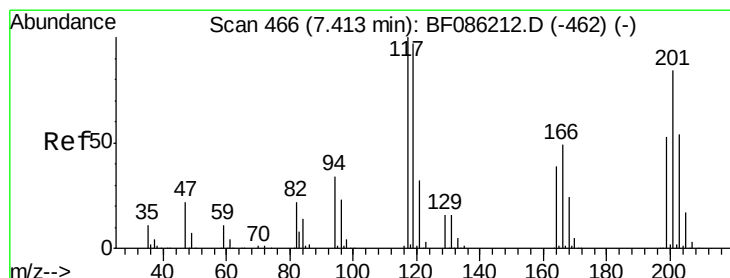
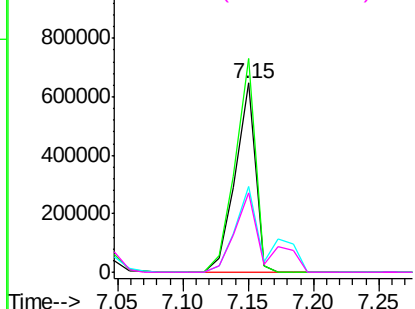
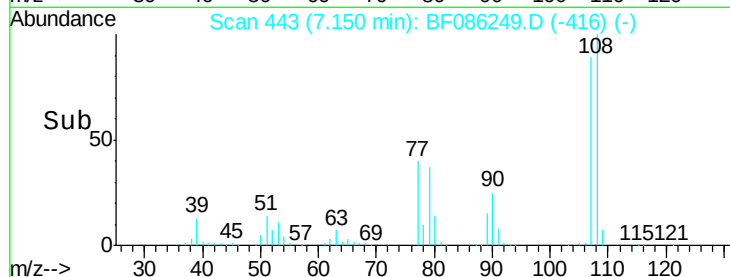
#17
2-Methylphenol
Concen: 41.37 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.01 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Instrument :
BNA_F
ClientSampleId :
PB89850BS

Tgt Ion:107 Resp: 690550
Ion Ratio Lower Upper
107 100
108 112.9 92.7 139.1
77 45.1 39.6 59.4
79 42.0 37.4 56.2

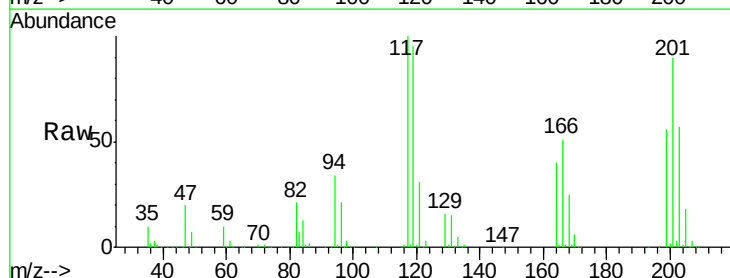


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

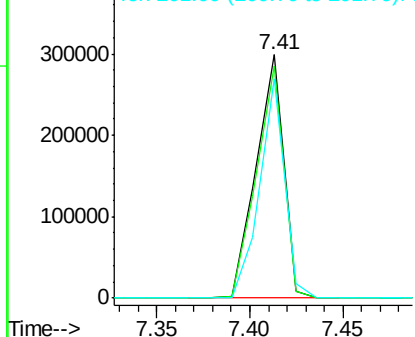
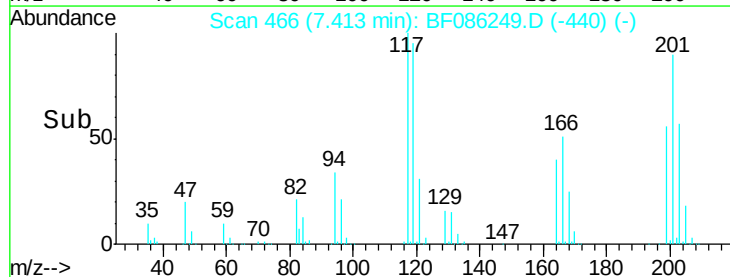


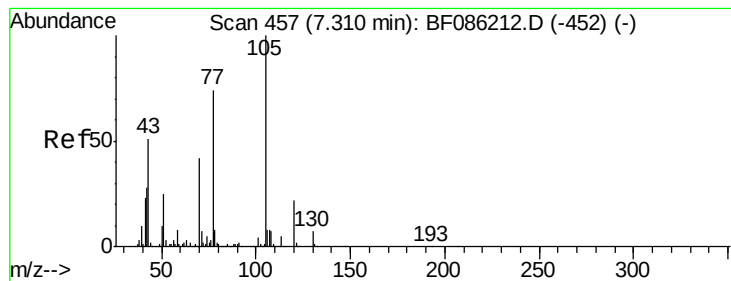
#18
Hexachloroethane
Concen: 39.86 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion:117 Resp: 304493
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.4
201 90.2 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: 33.46 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

Tgt Ion: 70 Resp: 474340

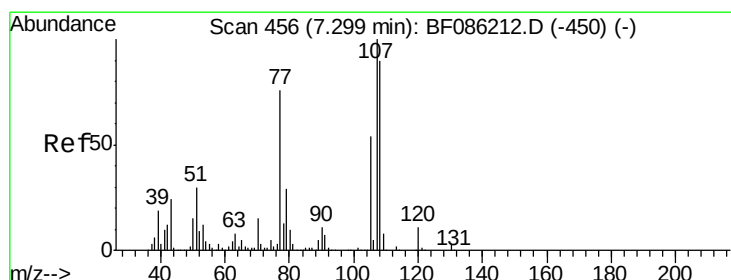
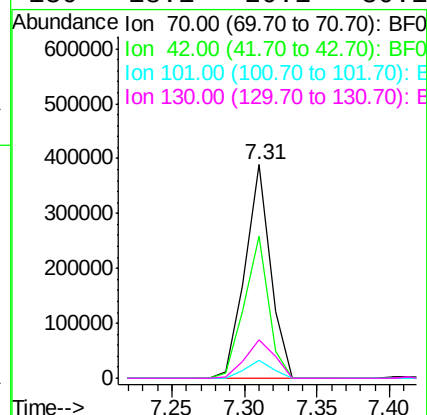
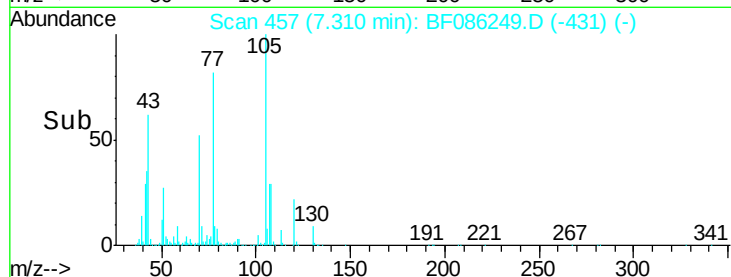
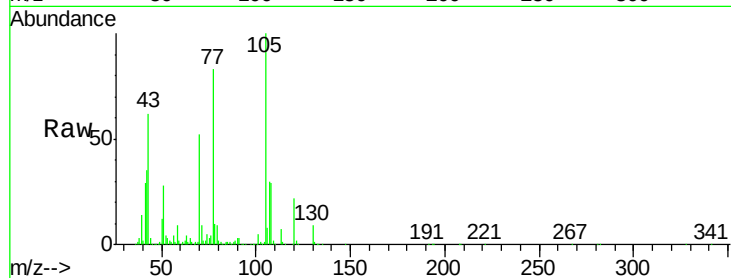
Ion Ratio Lower Upper

70 100

42 66.6 43.0 64.4#

101 8.6 8.1 12.1

130 18.1 20.1 30.1#



#20

3+4-Methylphenols

Concen: 36.07 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Tgt Ion: 107 Resp: 674526

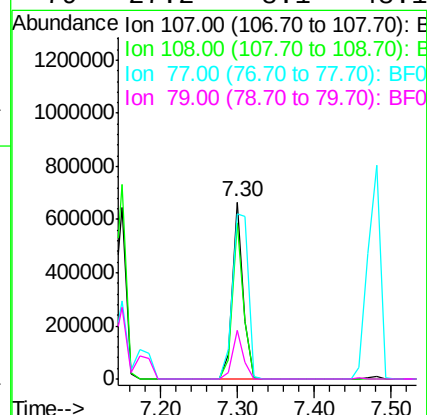
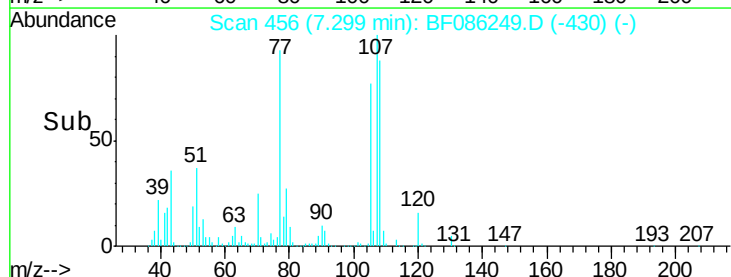
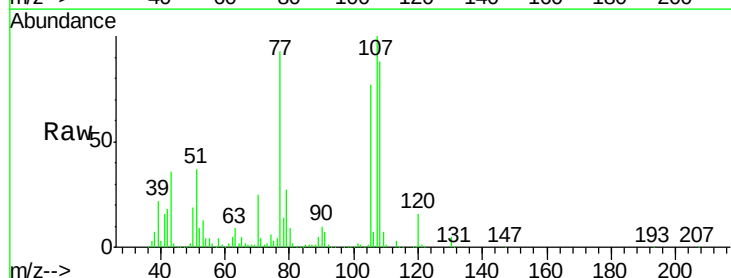
Ion Ratio Lower Upper

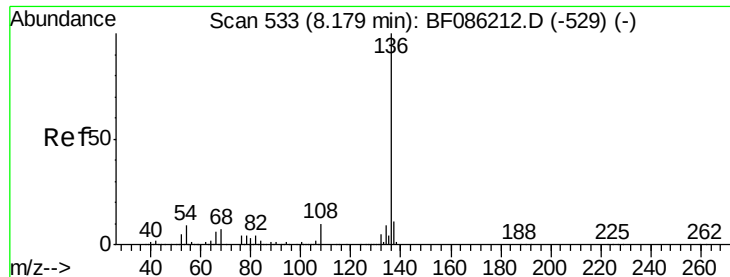
107 100

108 88.0 69.7 109.7

77 93.2 60.5 100.5

79 27.2 8.1 48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

Tgt Ion:136 Resp: 1178404

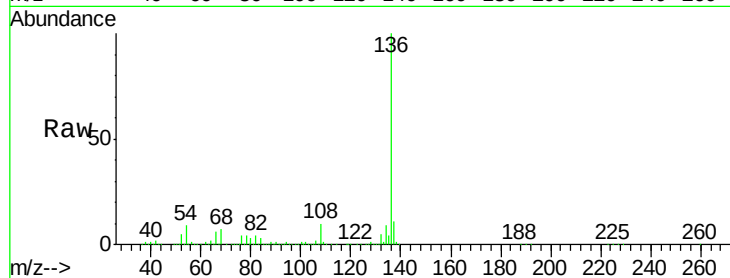
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.7 7.3 10.9

68 7.1 5.7 8.5

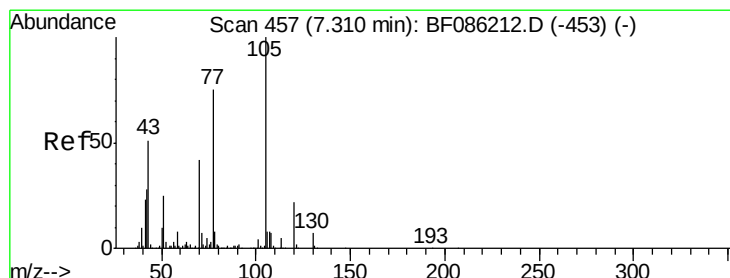
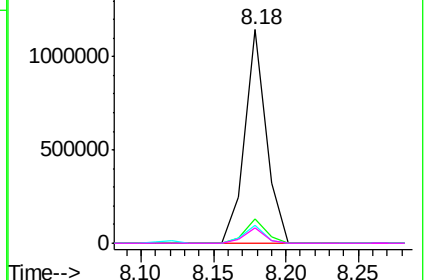
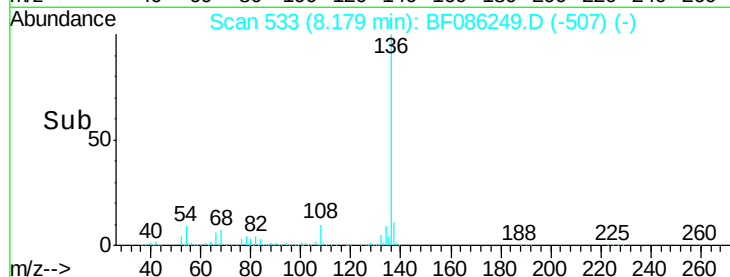


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 41.68 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Tgt Ion:105 Resp: 931844

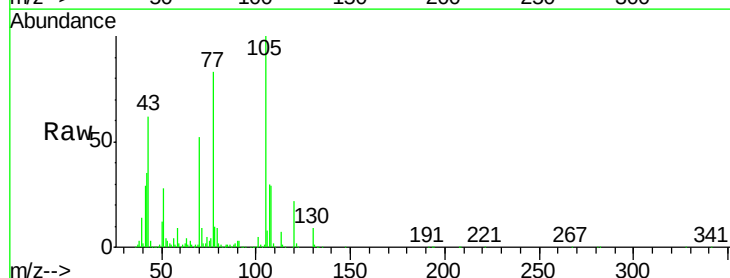
Ion Ratio Lower Upper

105 100

71 9.0 4.0 6.0#

51 27.6 22.0 33.0

120 22.1 17.5 26.3

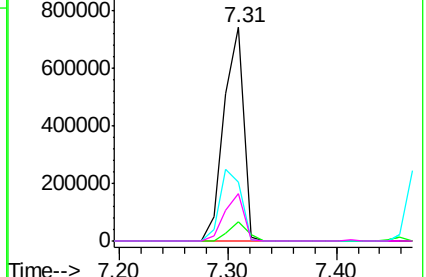
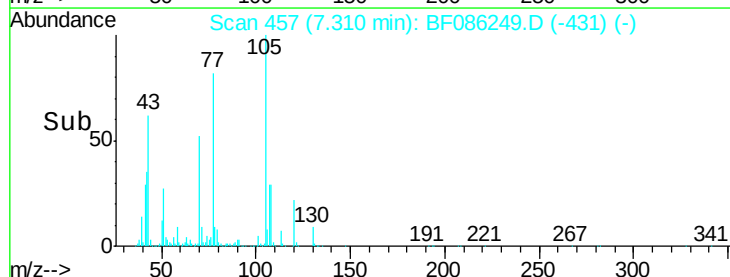


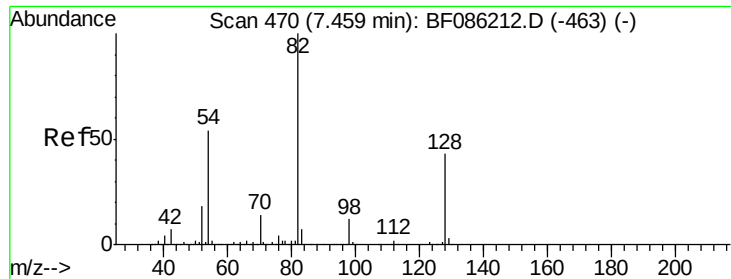
Abundance Ion 105.00 (104.70 to 105.70): E

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

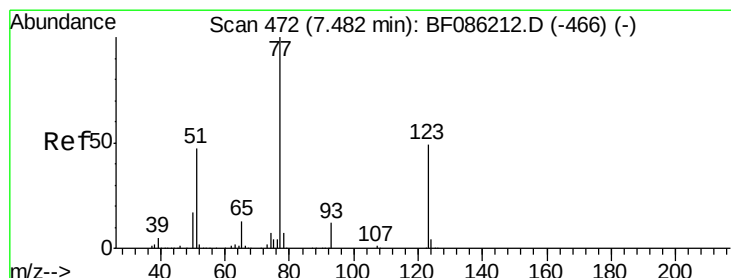
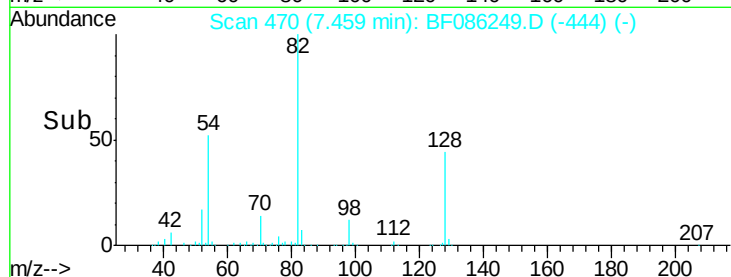
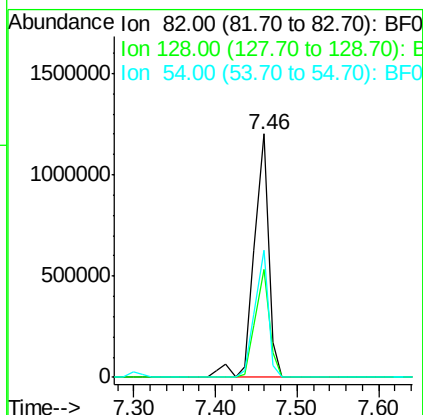
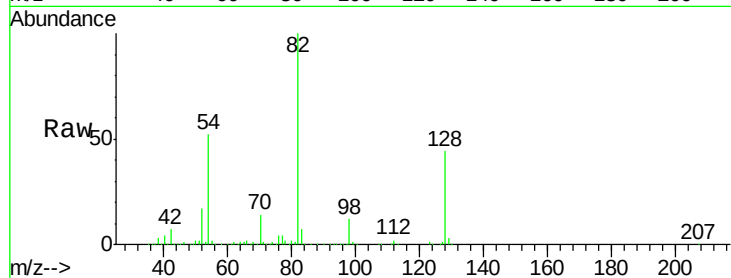




#23
 Nitrobenzene-d5
 Concen: 72.18 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

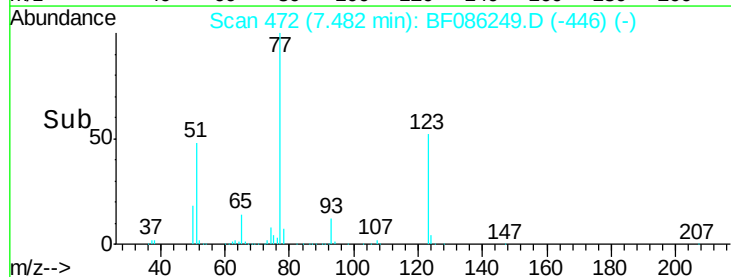
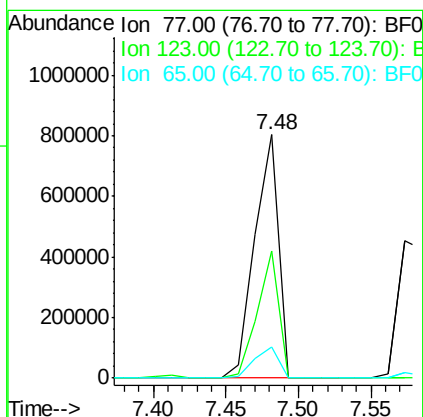
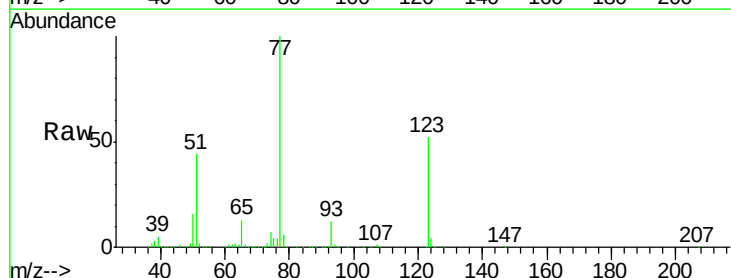
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

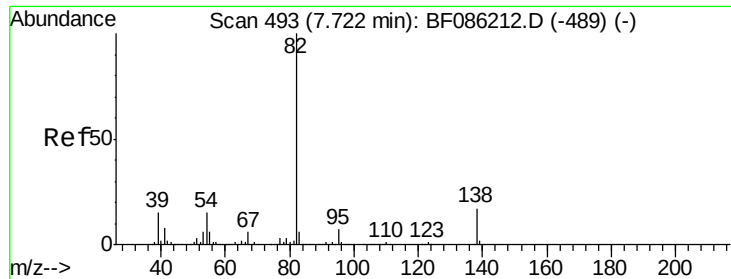
Tgt Ion: 82 Resp: 1474760
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.4 53.2
 54 52.1 43.4 65.0



#24
 Nitrobenzene
 Concen: 40.77 ng
 RT: 7.48 min Scan# 472
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion: 77 Resp: 910750
 Ion Ratio Lower Upper
 77 100
 123 52.1 38.3 57.5
 65 12.7 11.3 16.9





#25

Isophorone

Concen: 39.59 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

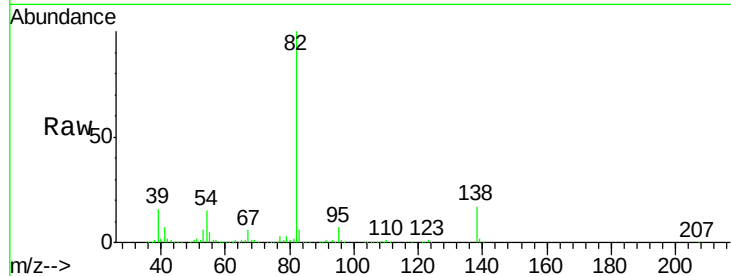
Tgt Ion: 82 Resp: 1604916

Ion Ratio Lower Upper

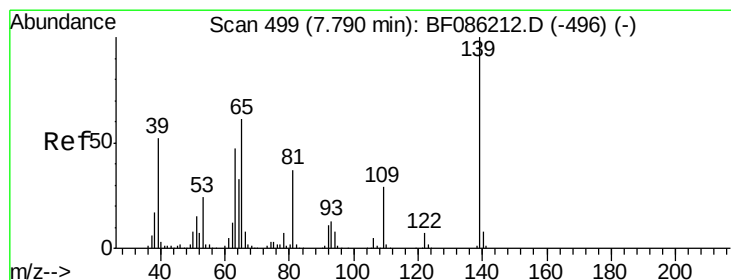
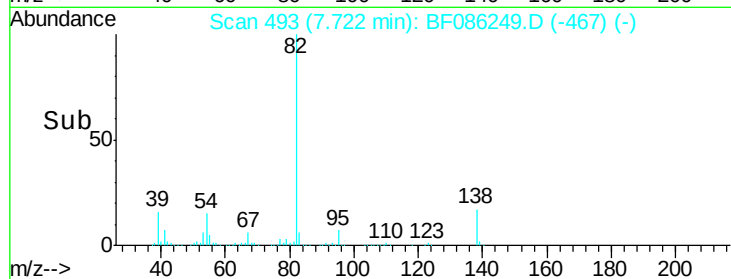
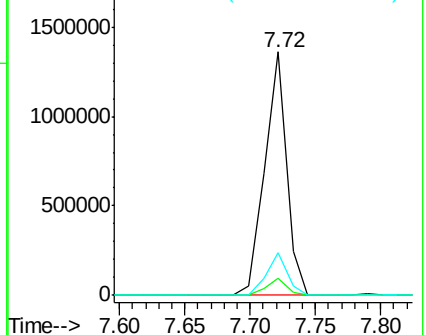
82 100

95 6.8 5.4 8.2

138 17.3 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: 41.57 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

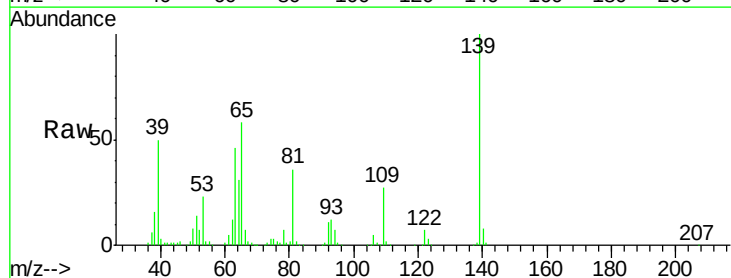
Tgt Ion: 139 Resp: 404915

Ion Ratio Lower Upper

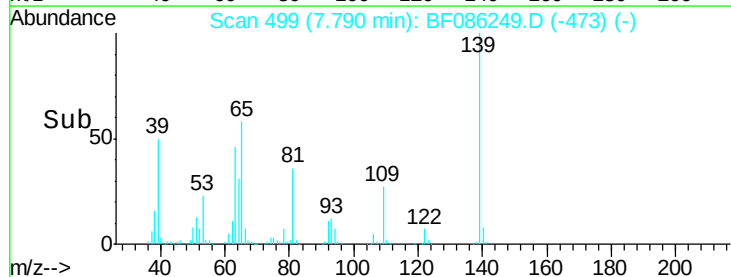
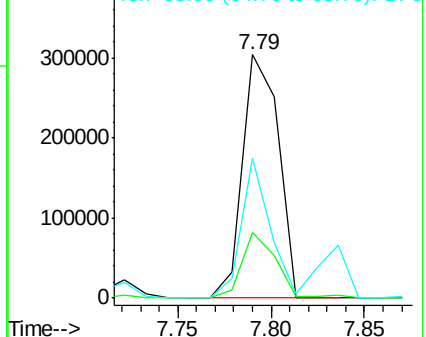
139 100

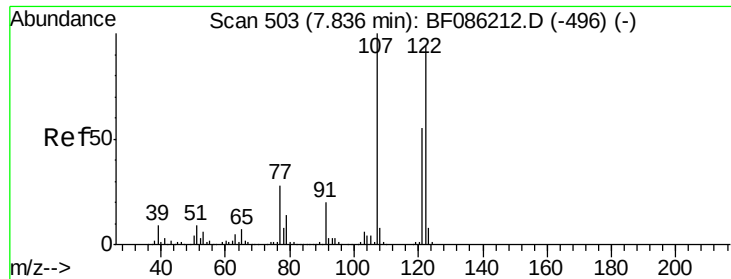
109 27.1 25.8 38.8

65 57.7 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

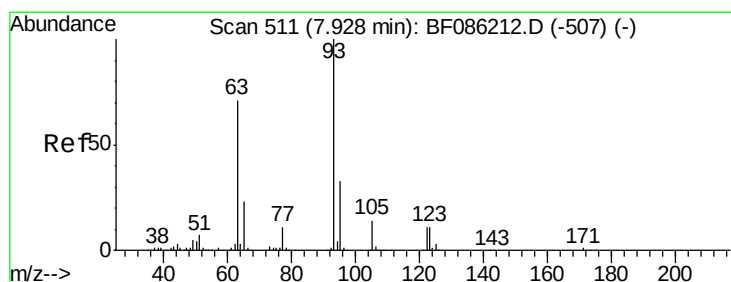
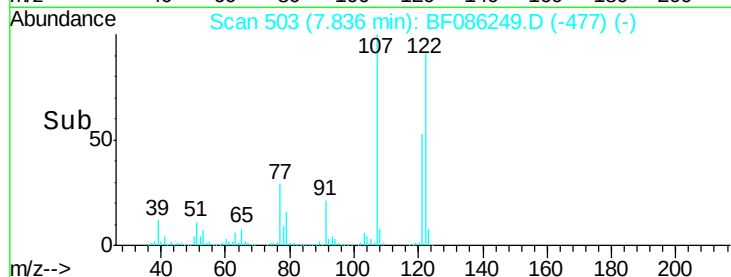
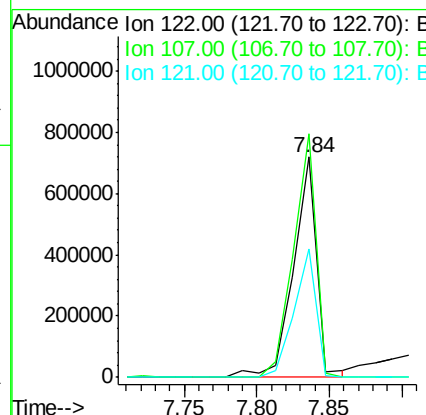
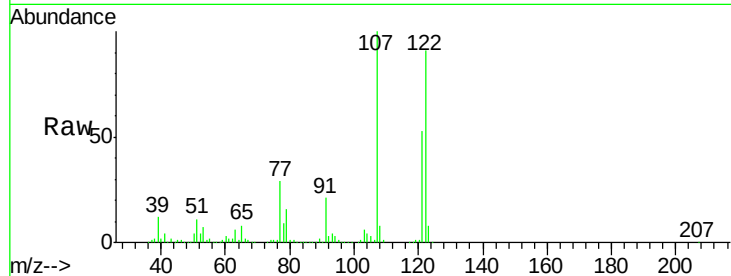




#27
 2,4-Dimethylphenol
 Concen: 40.70 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

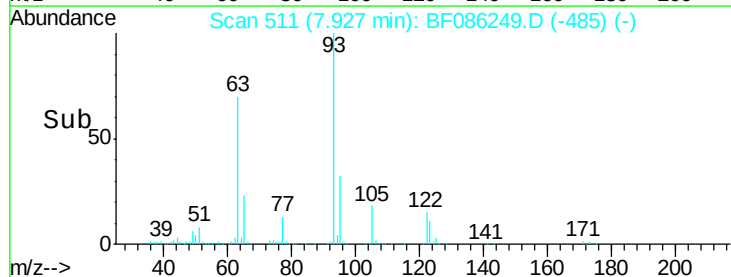
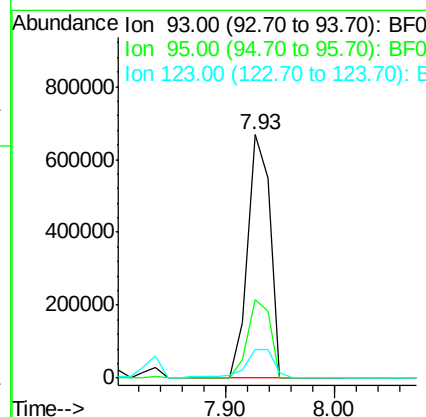
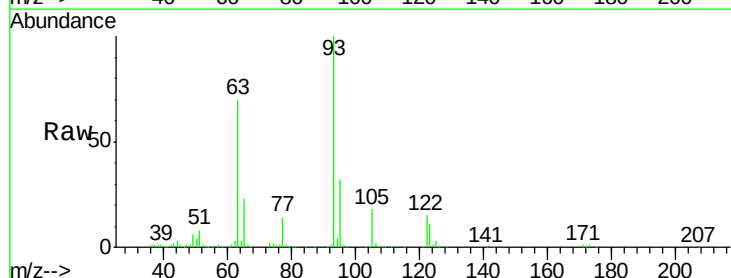
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

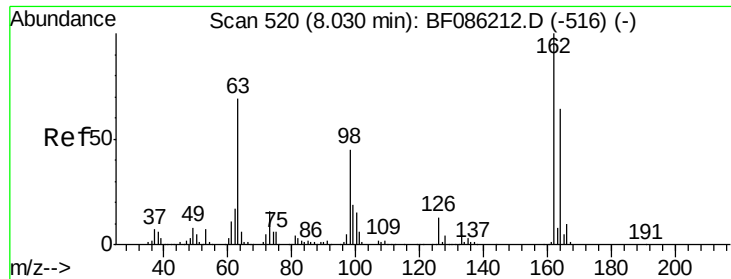
Tgt Ion	Ratio	Lower	Upper
122	100		
107	110.4	85.8	128.6
121	58.2	47.1	70.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.55 ng
 RT: 7.93 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.8	38.8
123	11.5	8.9	13.3

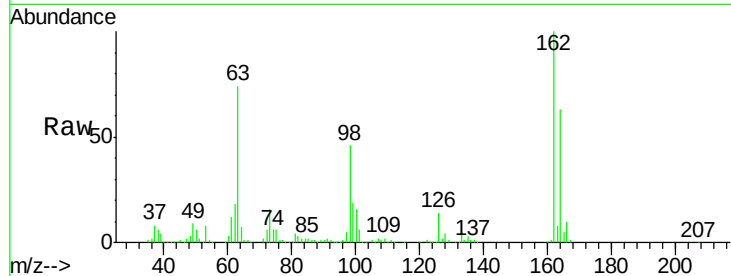




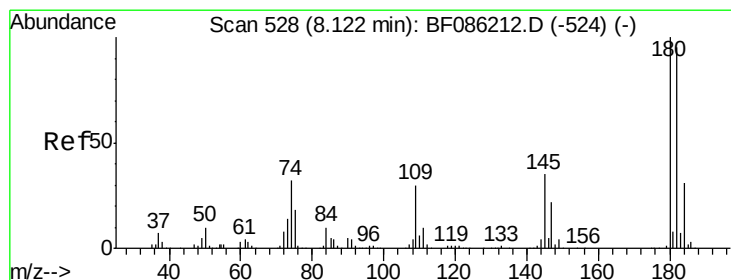
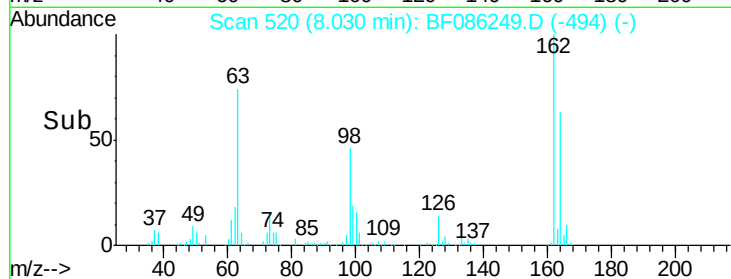
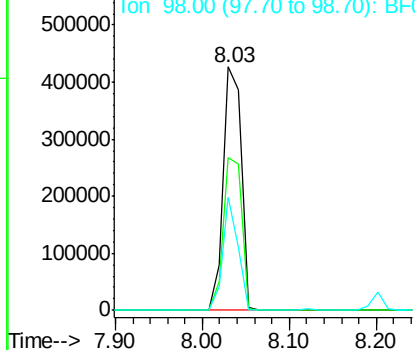
#29
 2,4-Dichlorophenol
 Concen: 41.35 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	43.3	83.3
98	46.4	22.9	62.9

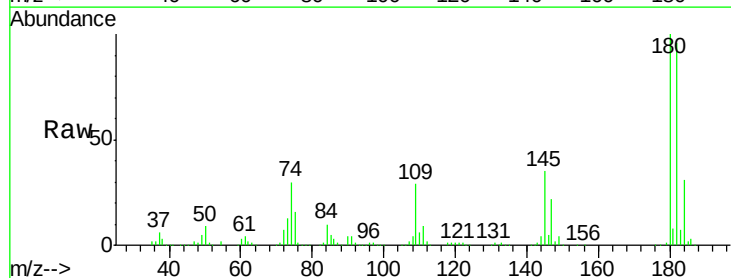


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

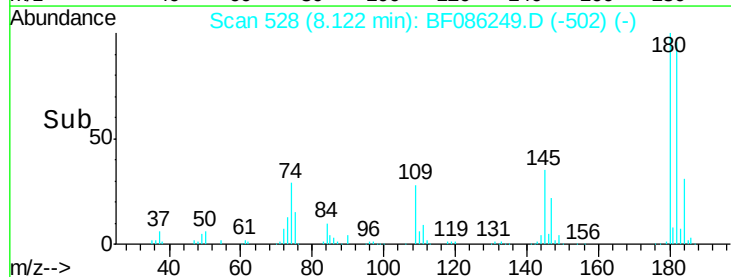
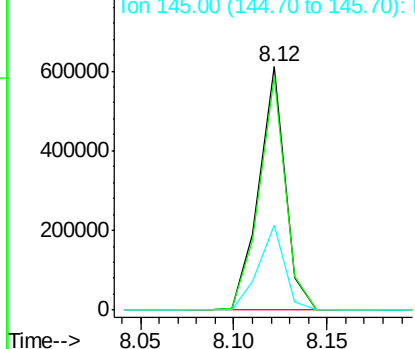


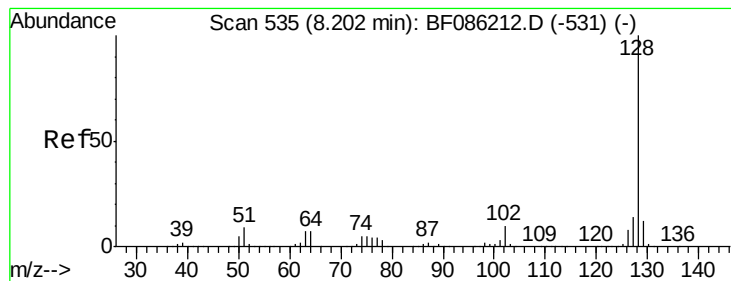
#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.12 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.3	114.5
145	34.9	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: 38.59 ng

RT: 8.20 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

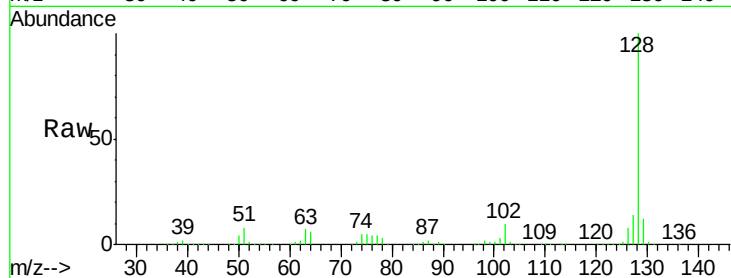
Tgt Ion:128 Resp: 2030446

Ion Ratio Lower Upper

128 100

129 11.9 9.6 14.4

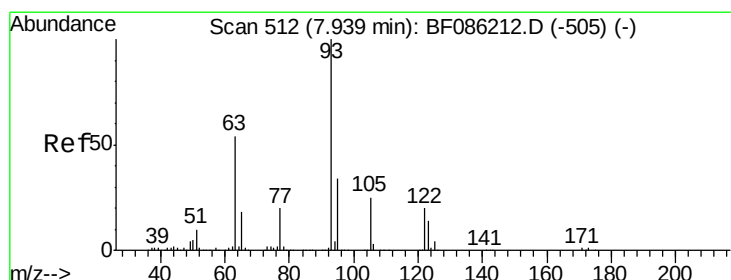
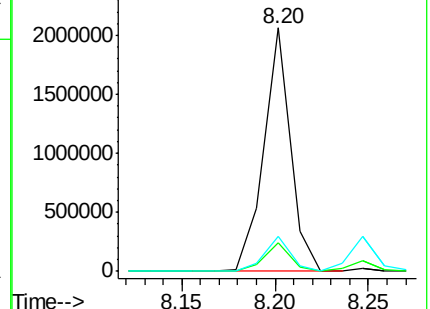
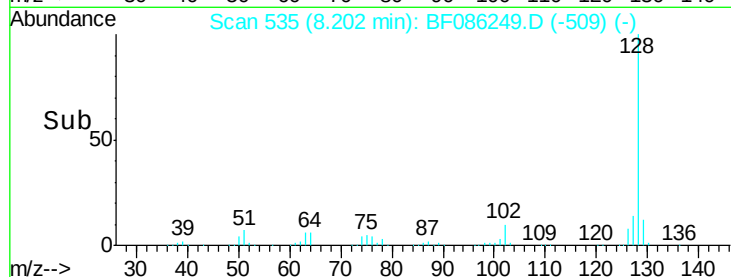
127 14.2 11.4 17.2



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: 41.48 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.01 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

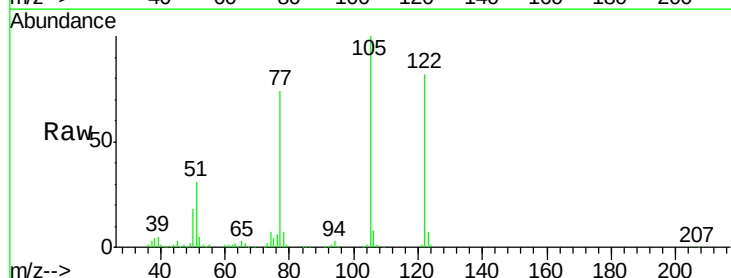
Tgt Ion:122 Resp: 521592

Ion Ratio Lower Upper

122 100

105 121.6 103.7 143.7

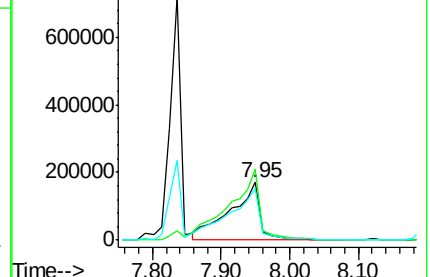
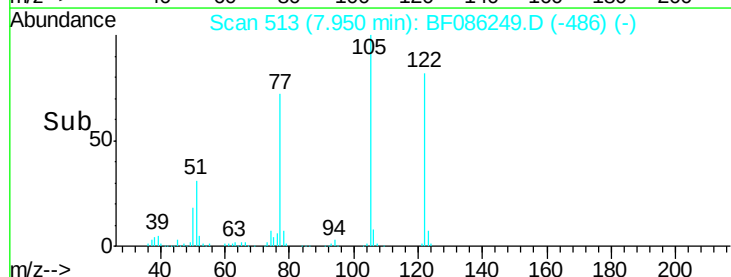
77 90.1 74.9 114.9

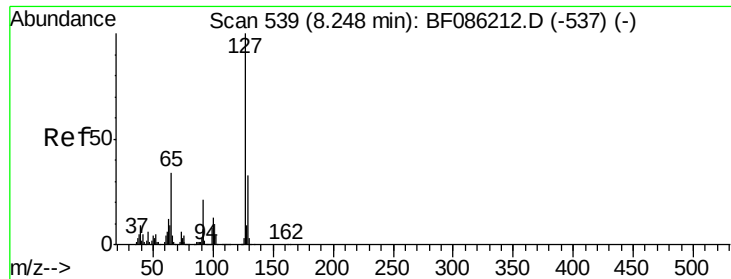


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

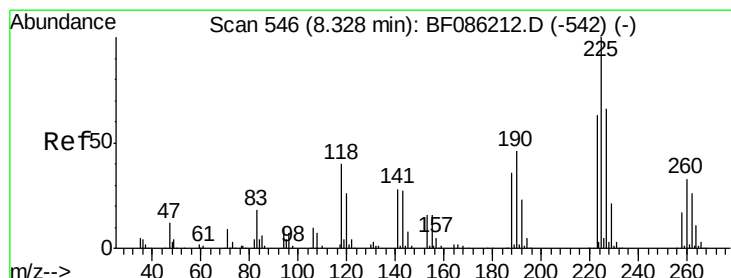
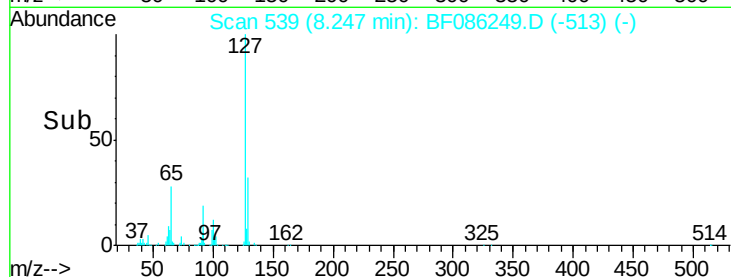
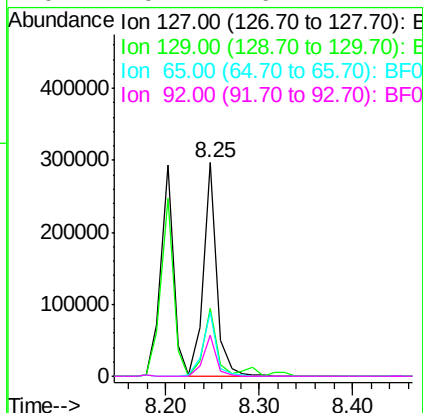
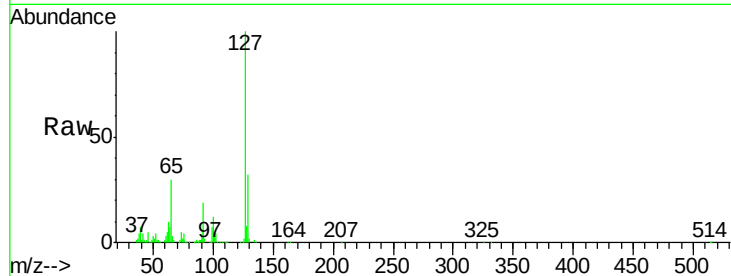




#33
 4-Chloroaniline
 Concen: 12.73 ng
 RT: 8.25 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

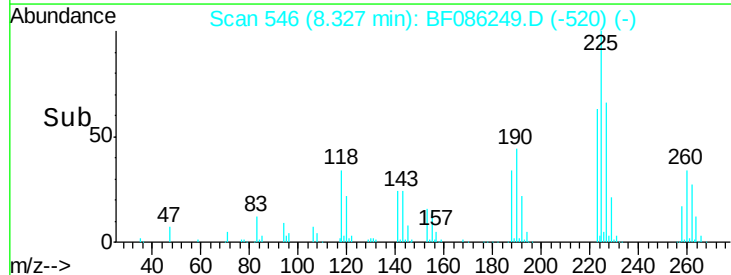
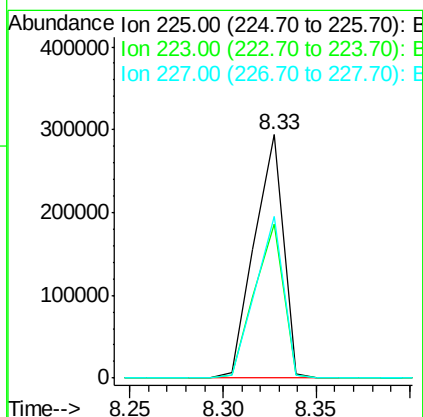
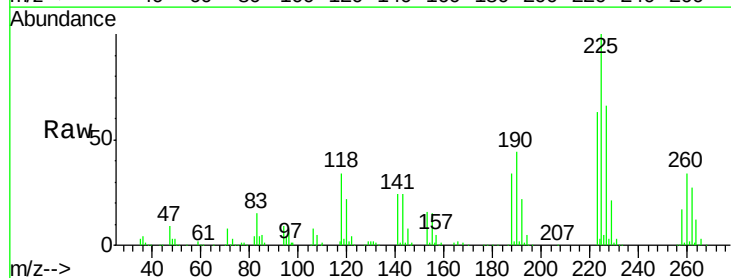
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

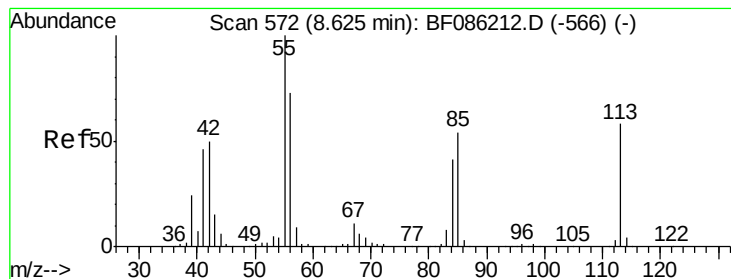
Tgt Ion:	127	Resp:	299529
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.8	40.2
65	29.8	27.1	40.7
92	19.2	16.2	24.2



#34
 Hexachlorobutadiene
 Concen: 40.27 ng
 RT: 8.33 min Scan# 546
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:	225	Resp:	315729
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.0
227	66.4	51.1	76.7





#35

Caprolactam

Concen: 34.35 ng

RT: 8.62 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

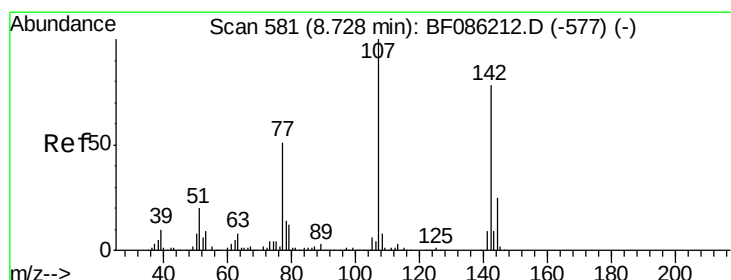
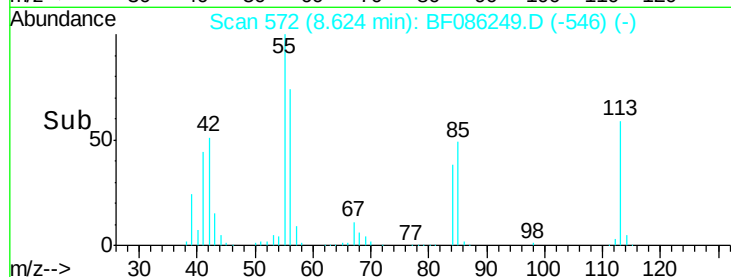
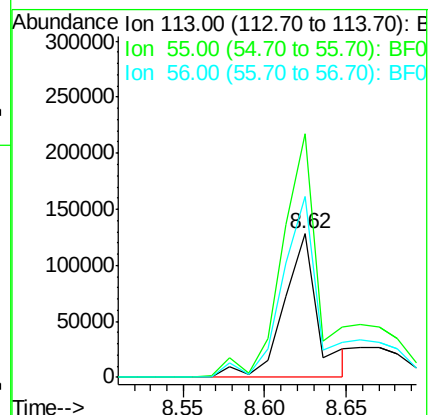
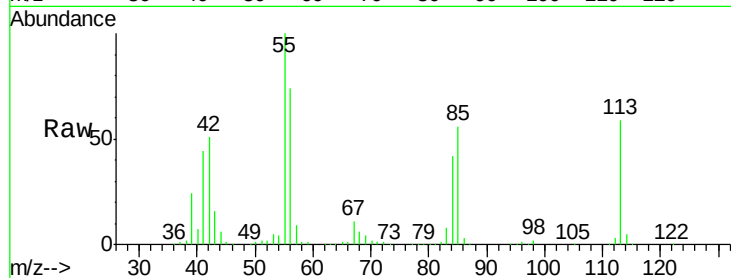
Tgt Ion:113 Resp: 185972

Ion Ratio Lower Upper

113 100

55 169.5 117.5 157.5#

56 126.0 82.5 122.5#



#36

4-Chloro-3-methylphenol

Concen: 41.68 ng

RT: 8.73 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

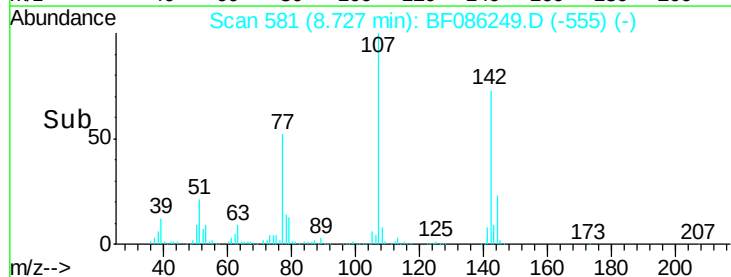
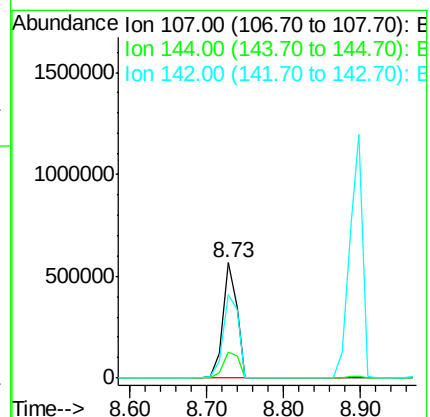
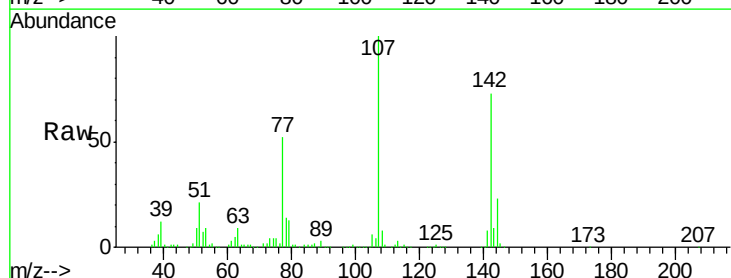
Tgt Ion:107 Resp: 722300

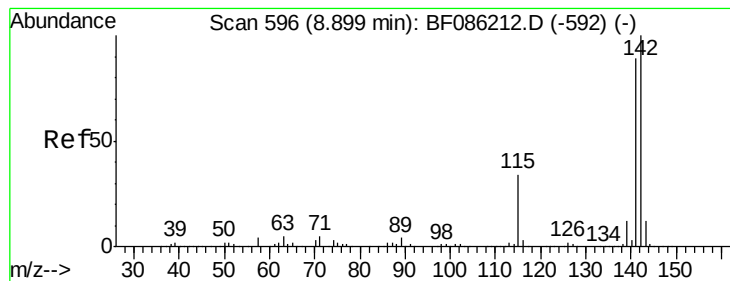
Ion Ratio Lower Upper

107 100

144 22.9 20.7 31.1

142 72.7 64.5 96.7





#37

2-Methylnaphthalene

Concen: 42.20 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

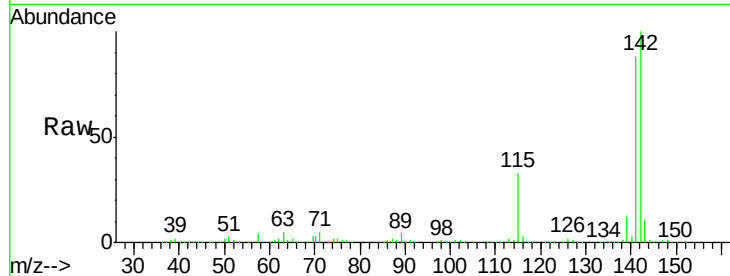
Tgt Ion:142 Resp: 1435696

Ion Ratio Lower Upper

142 100

141 87.8 71.1 106.7

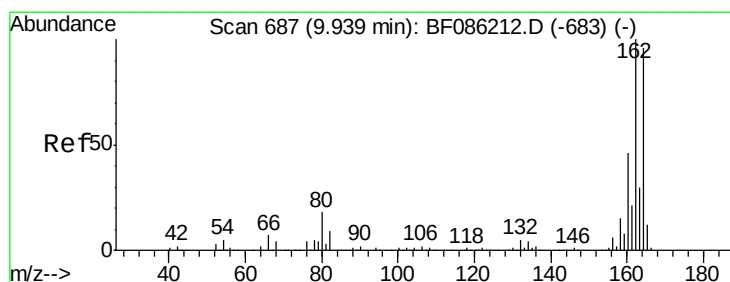
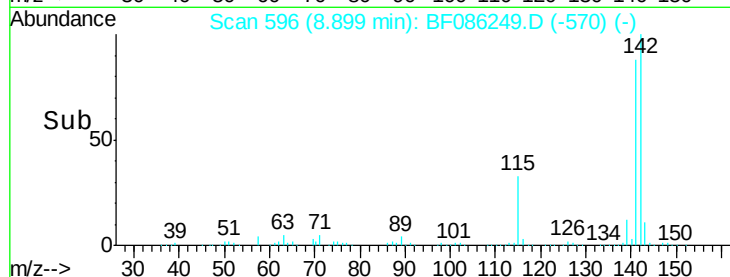
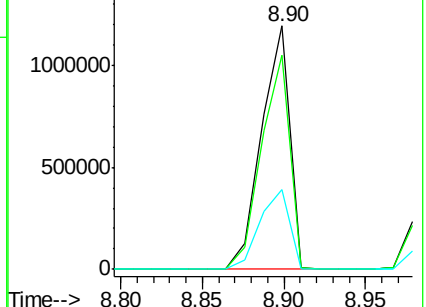
115 32.9 25.1 37.7



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: BF086249.D

Acq: 16 Apr 2016 7:28

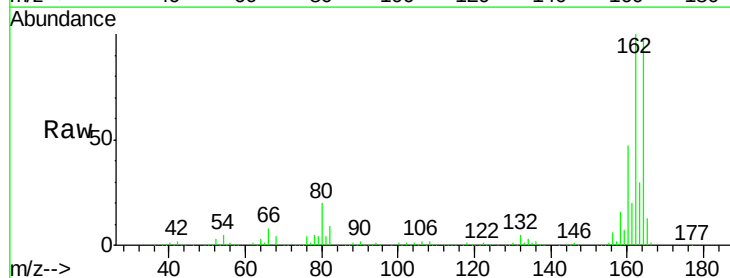
Tgt Ion:164 Resp: 554610

Ion Ratio Lower Upper

164 100

162 102.4 82.8 124.2

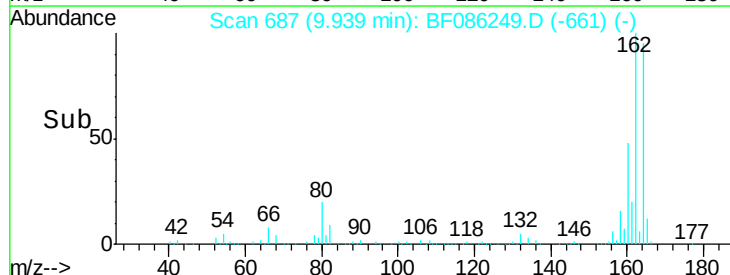
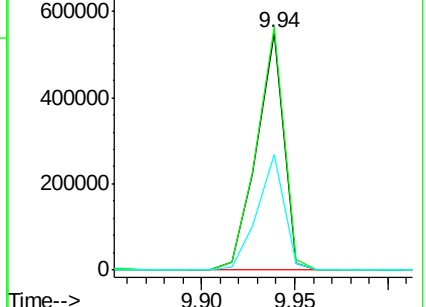
160 48.5 38.9 58.3

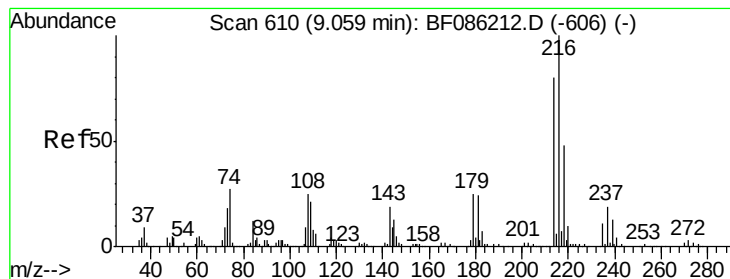


Abundance Ion 164.00 (163.70 to 164.70): E

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: 35.90 ng

RT: 9.06 min Scan# 610

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

Tgt Ion:216 Resp: 439832

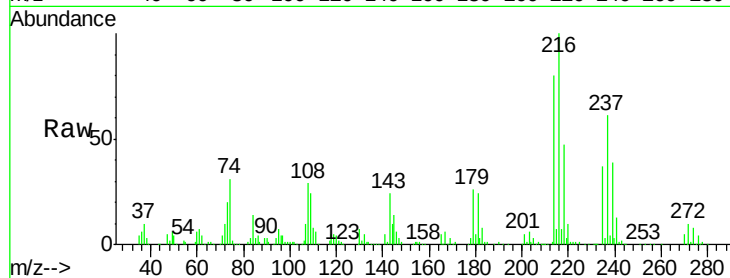
Ion Ratio Lower Upper

216 100

214 79.8 64.9 97.3

179 23.8 19.8 29.6

108 28.6 21.0 31.4

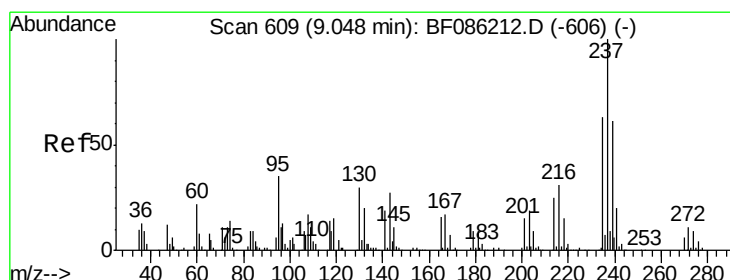
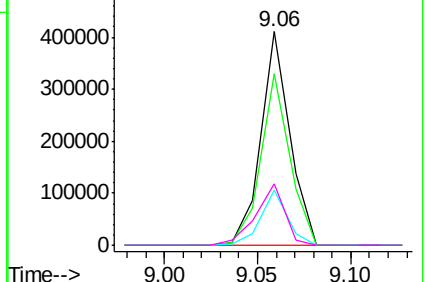
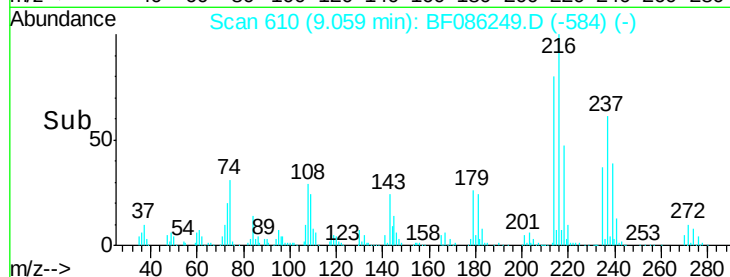


Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.05 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

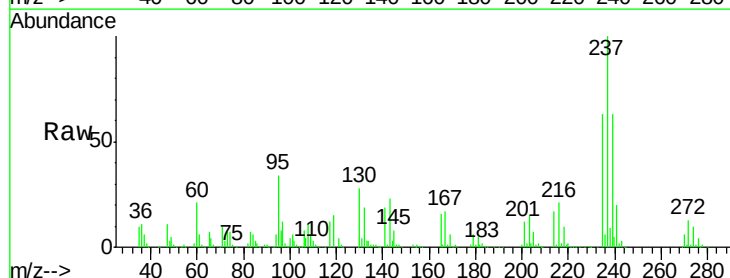
Tgt Ion:237 Resp: 516836

Ion Ratio Lower Upper

237 100

235 63.1 44.0 84.0

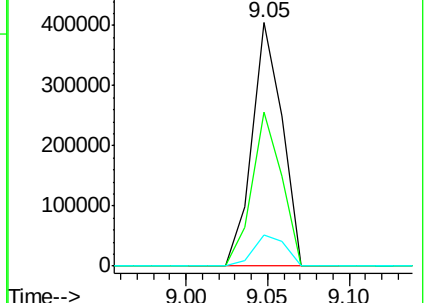
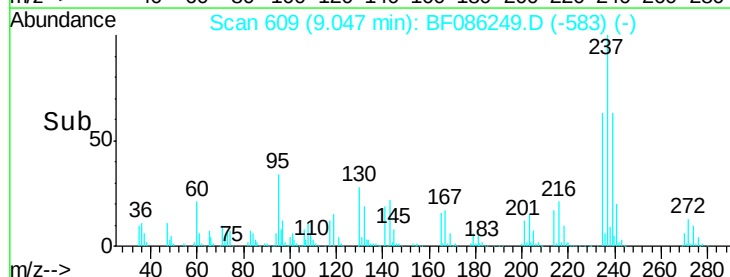
272 12.6 0.0 32.4

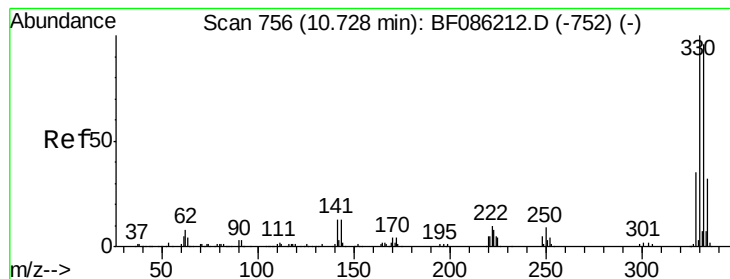


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

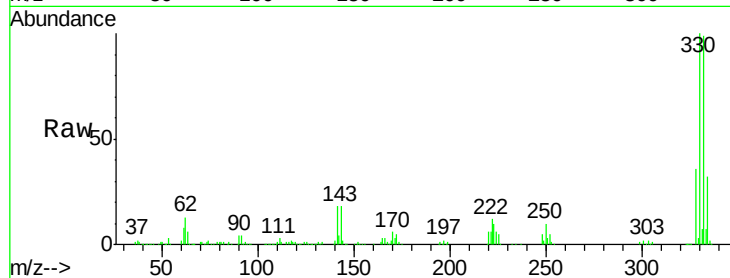




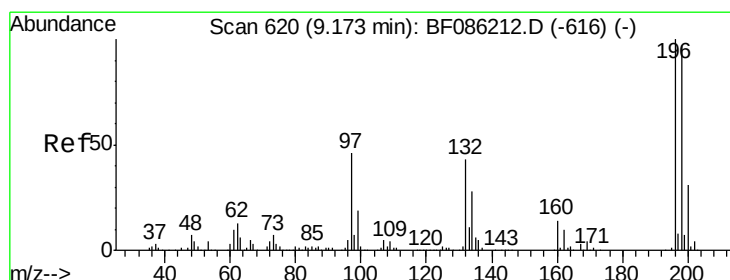
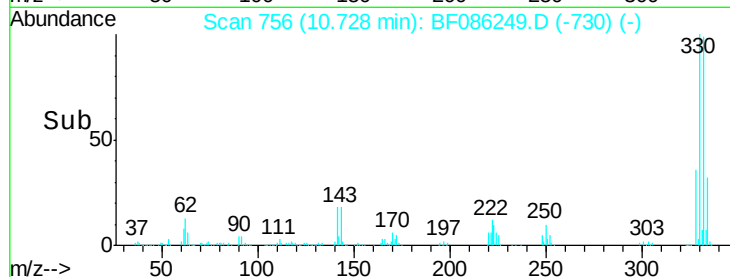
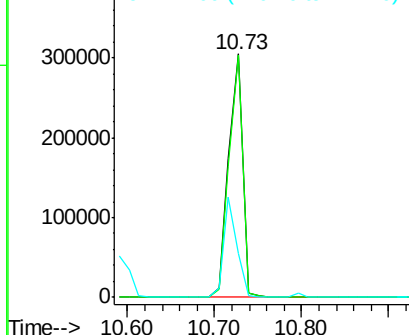
#41
 2,4,6-Tribromophenol
 Concen: 77.25 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion:330 Resp: 344010
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.7 118.1
 141 39.3 28.6 42.8

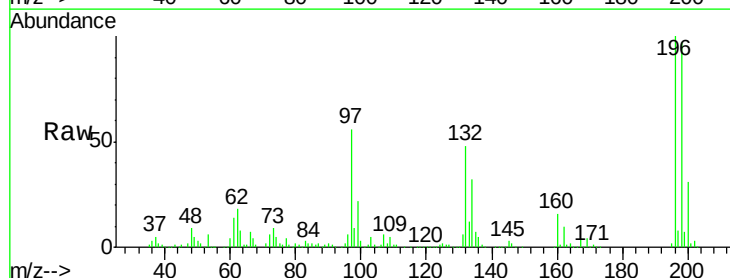


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

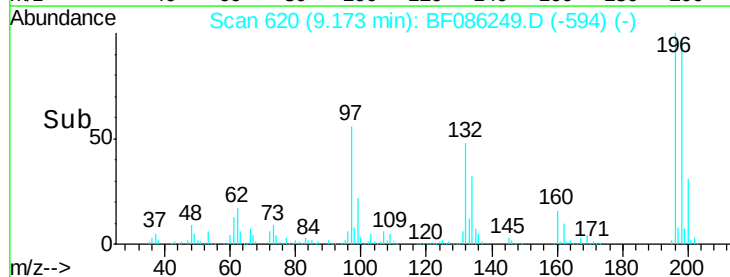
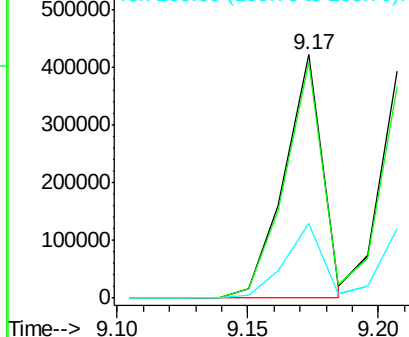


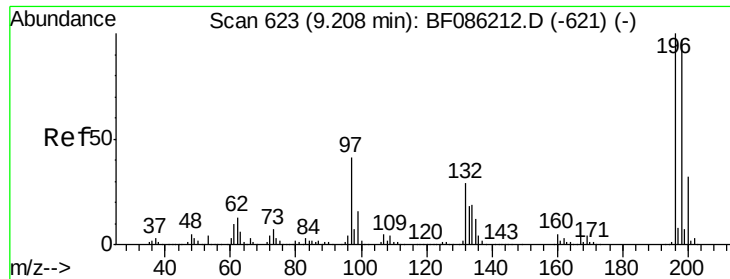
#42
 2,4,6-Trichlorophenol
 Concen: 38.91 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:196 Resp: 425083
 Ion Ratio Lower Upper
 196 100
 198 96.8 76.6 115.0
 200 30.9 25.3 37.9



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

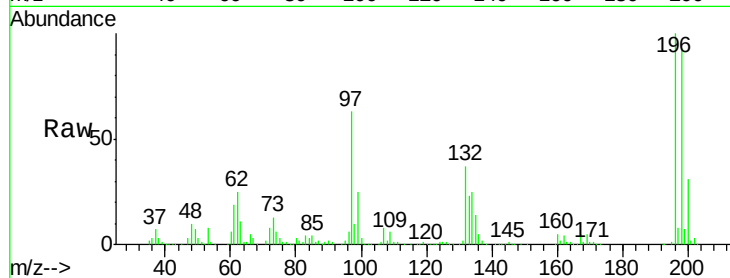




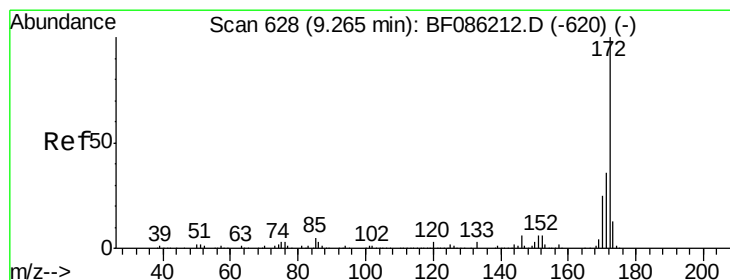
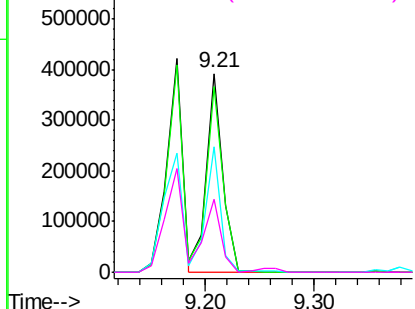
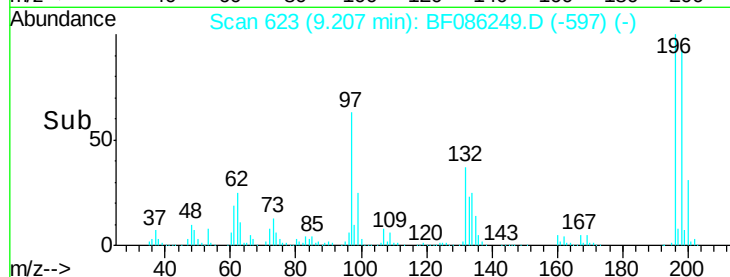
#43
 2,4,5-Trichlorophenol
 Concen: 39.37 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion:196 Resp: 415492
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.7 116.5
 97 63.2 32.6 48.8#
 132 36.7 21.4 32.0#

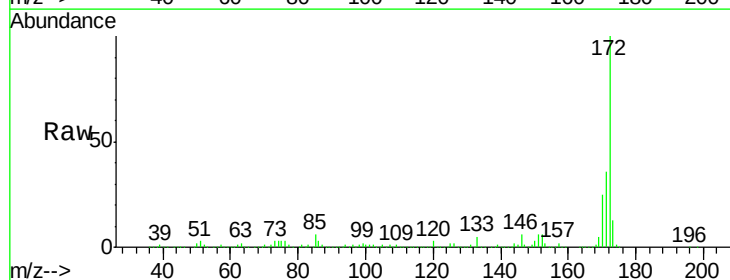


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

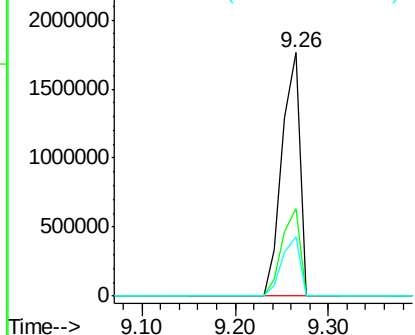
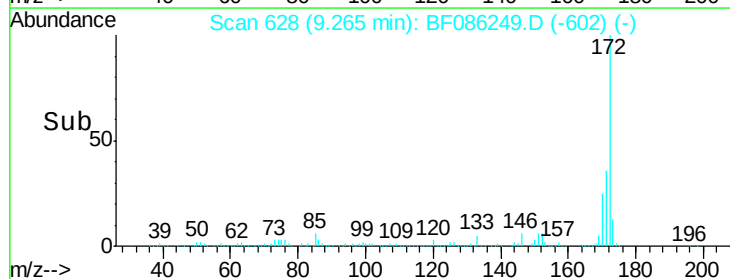


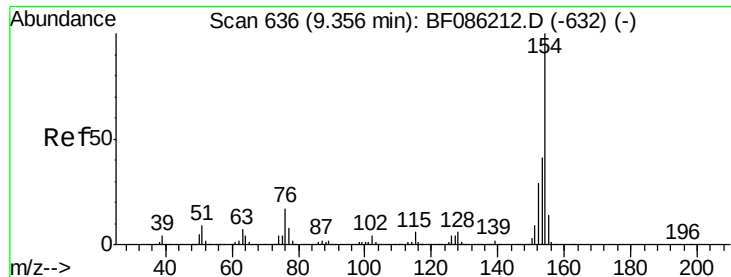
#44
 2-Fluorobiphenyl
 Concen: 77.81 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:172 Resp: 2338525
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.1 43.7
 170 24.6 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

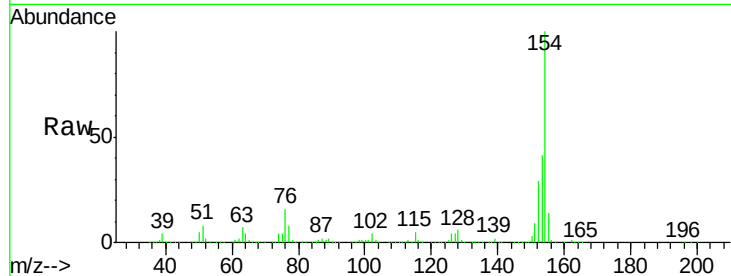




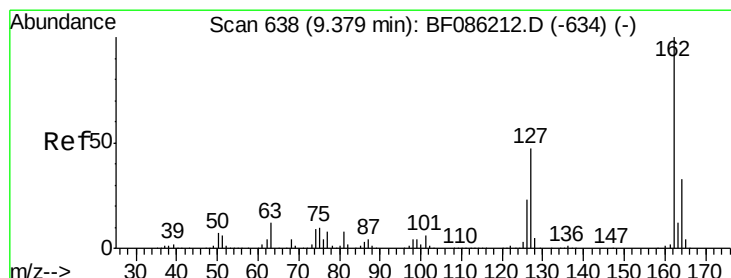
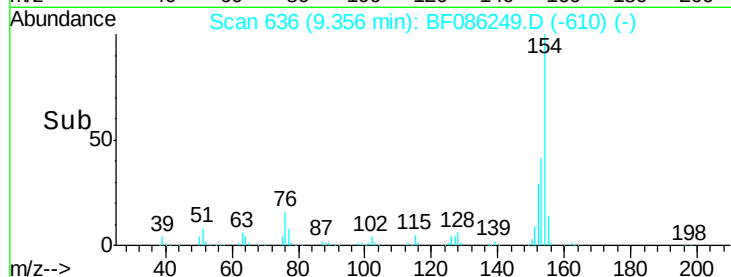
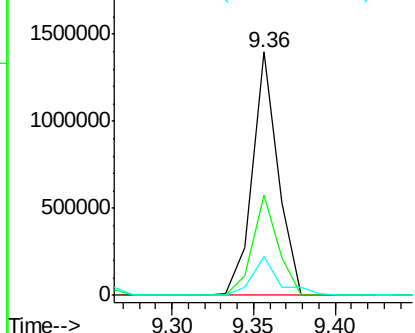
#45
 1,1'-Biphenyl
 Concen: 37.99 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion:154 Resp: 1516594
 Ion Ratio Lower Upper
 154 100
 153 41.1 21.3 61.3
 76 16.0 0.0 36.4

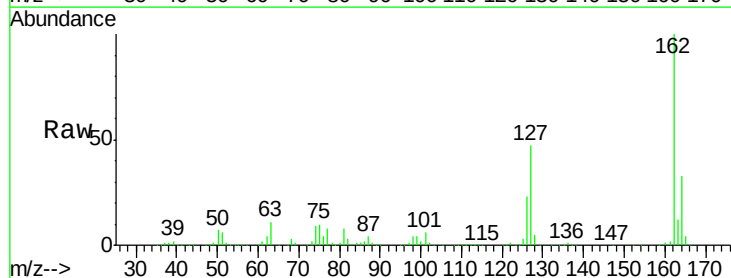


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

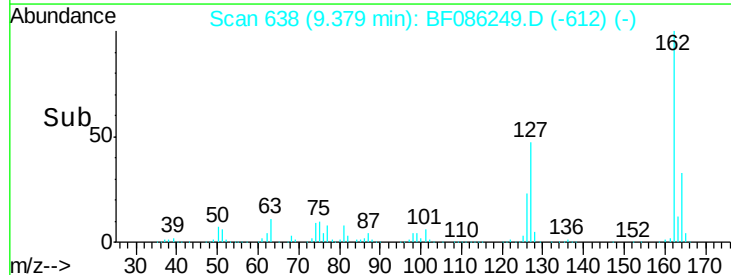
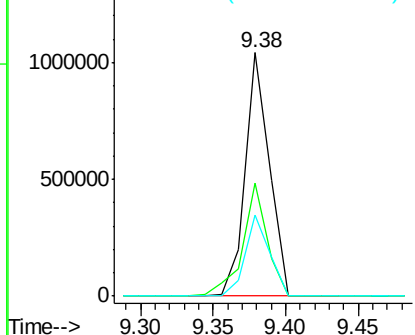


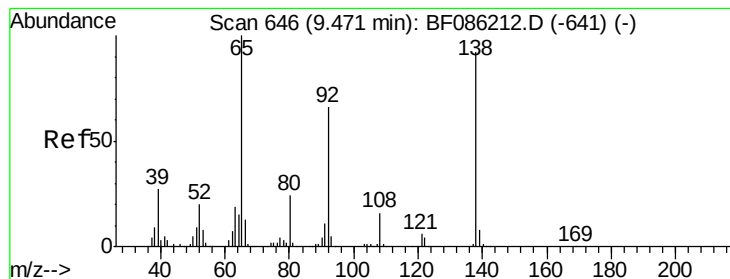
#46
 2-Chloronaphthalene
 Concen: 36.85 ng
 RT: 9.38 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:162 Resp: 1201245
 Ion Ratio Lower Upper
 162 100
 127 46.6 36.7 55.1
 164 33.2 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: 40.81 ng

RT: 9.47 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

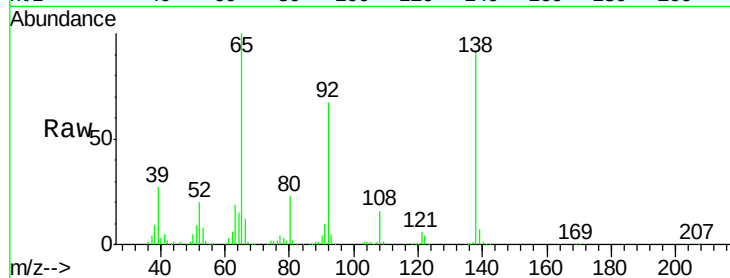
Tgt Ion: 65 Resp: 430933

Ion Ratio Lower Upper

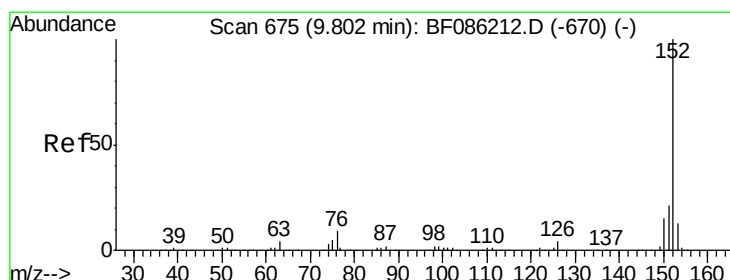
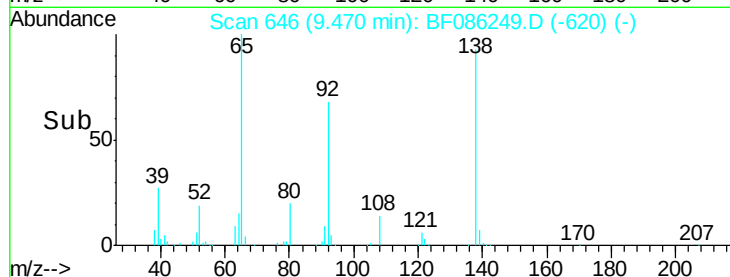
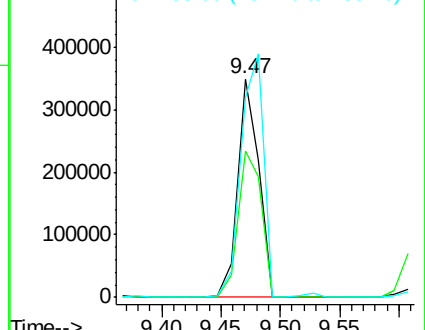
65 100

92 67.0 51.9 77.9

138 91.6 72.6 108.8



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



#48

Acenaphthylene

Concen: 41.09 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

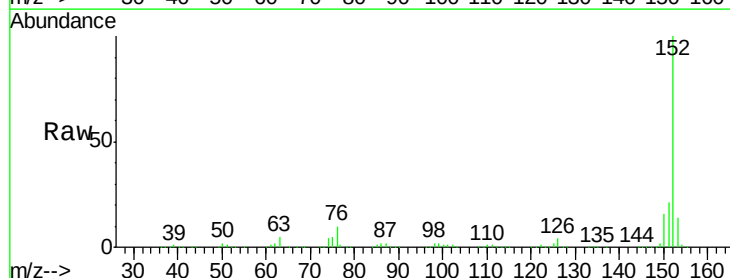
Tgt Ion: 152 Resp: 2131074

Ion Ratio Lower Upper

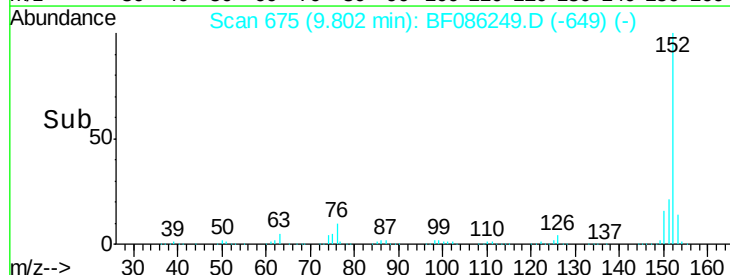
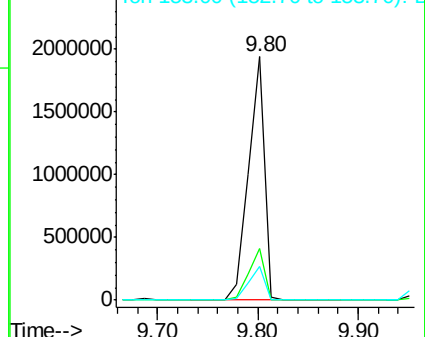
152 100

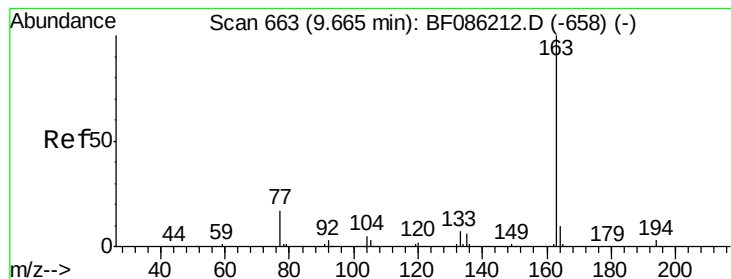
151 21.4 17.2 25.8

153 13.7 10.7 16.1



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





#49

Dimethylphthalate

Concen: 39.39 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

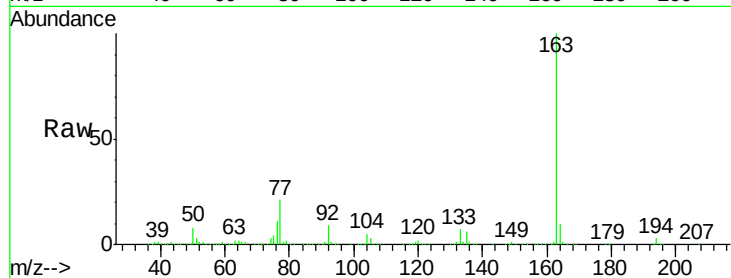
Tgt Ion:163 Resp: 1588310

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

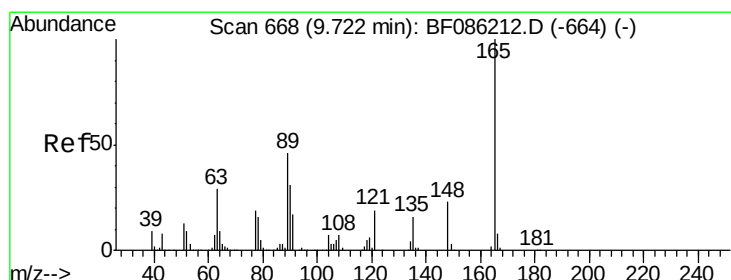
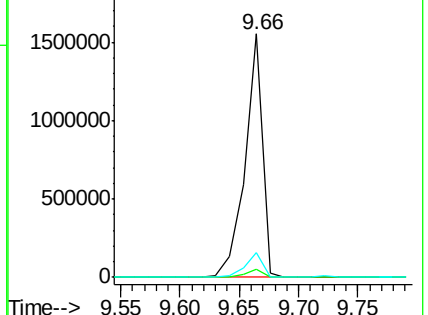
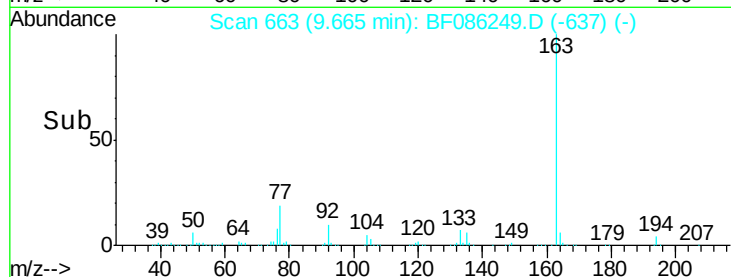
164 10.3 8.4 12.6



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: 42.70 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

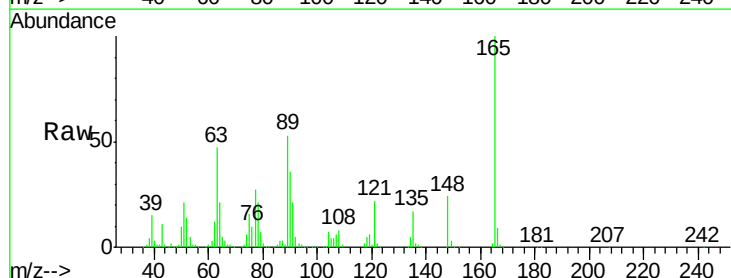
Tgt Ion:165 Resp: 380995

Ion Ratio Lower Upper

165 100

63 47.1 35.1 52.7

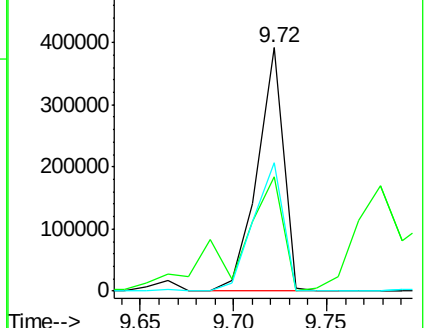
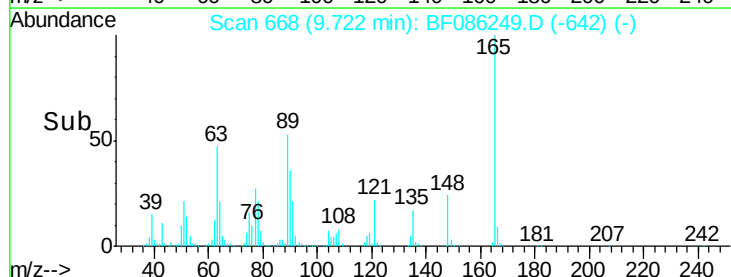
89 52.7 39.8 59.6

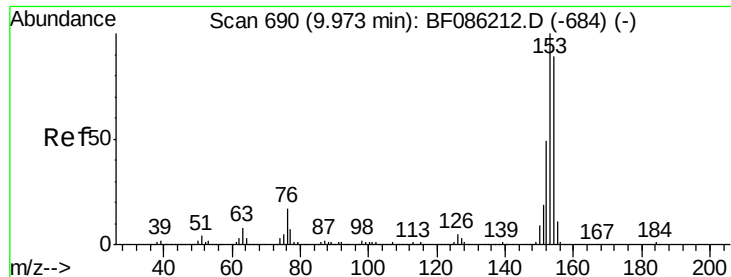


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.99 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

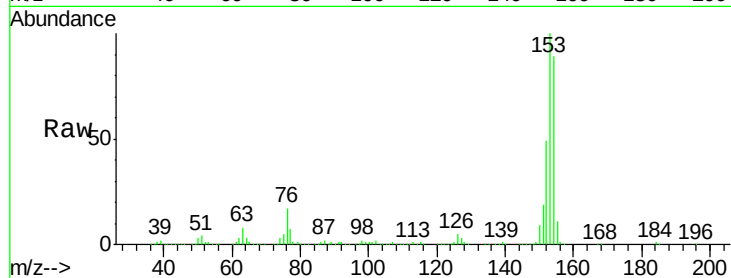
Tgt Ion:154 Resp: 1362820

Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

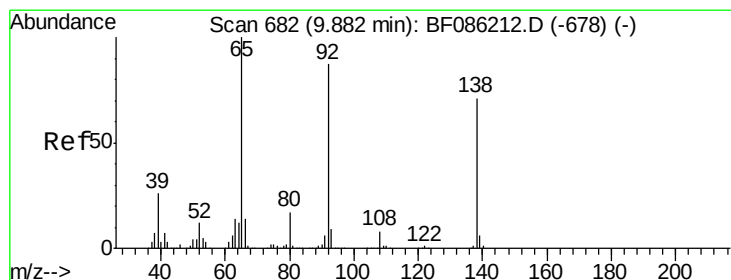
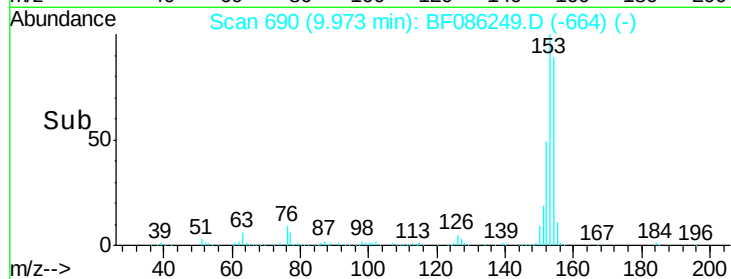
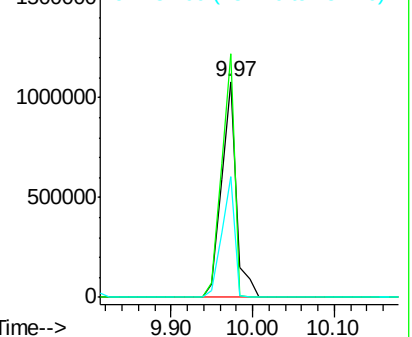
152 55.7 44.3 66.5



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: 20.23 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

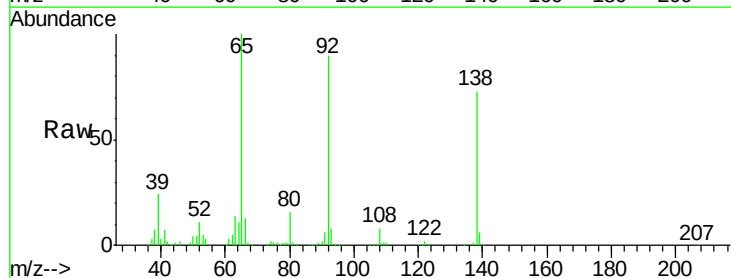
Tgt Ion:138 Resp: 219341

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

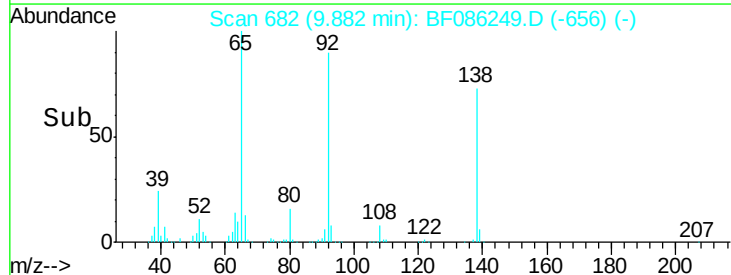
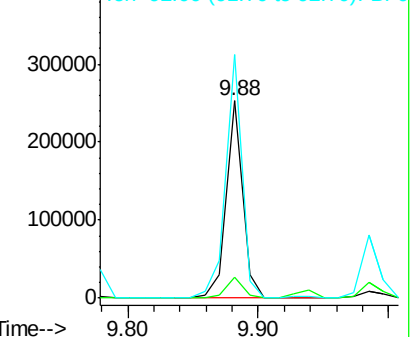
92 123.6 99.3 148.9

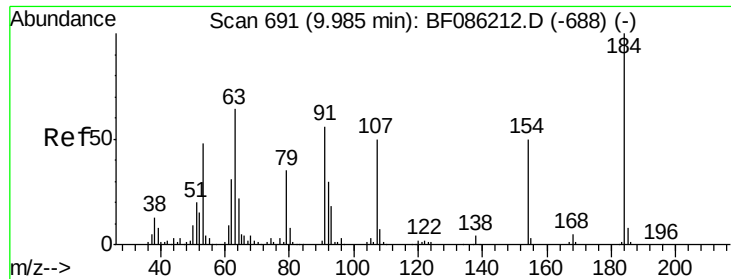


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

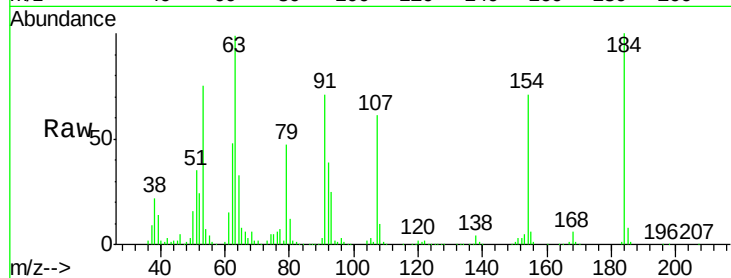




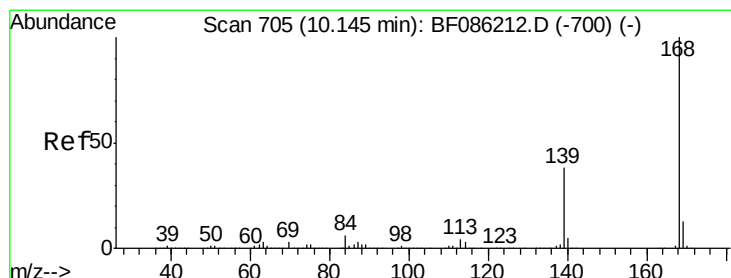
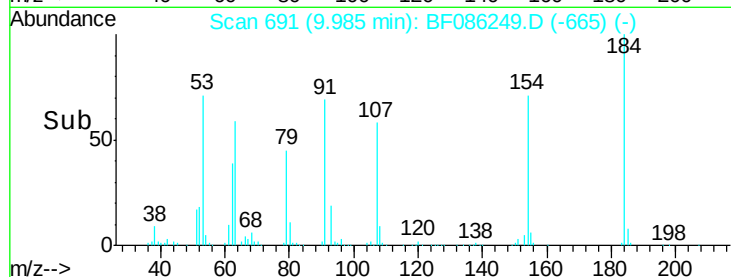
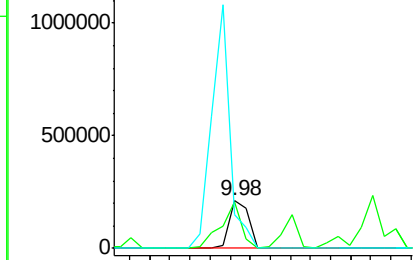
#53
2,4-Dinitrophenol
Concen: 84.61 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Instrument :
BNA_F
ClientSampleId :
PB89850BS

Tgt Ion	Ratio	Lower	Upper
184	100		
63	98.8	64.7	97.1#
154	70.9	59.4	89.2

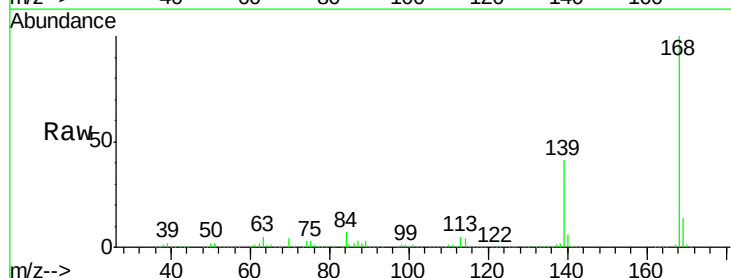


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

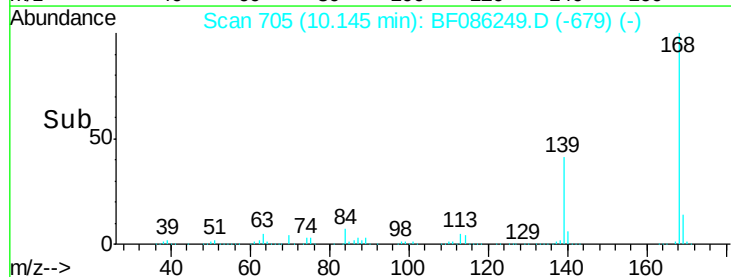
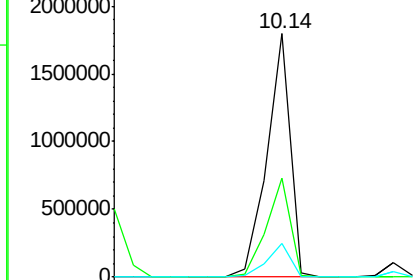


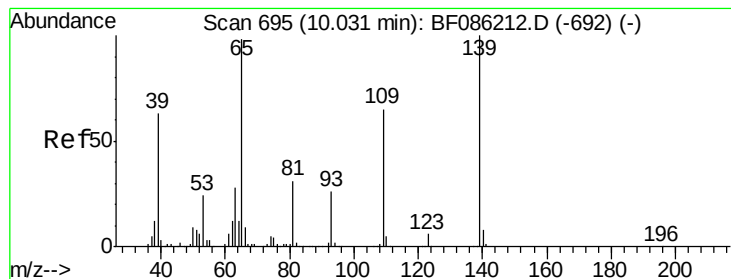
#54
Dibenzofuran
Concen: 43.53 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.7	29.5	44.3
169	14.0	10.6	16.0



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





#55

4-Nitrophenol

Concen: 65.67 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

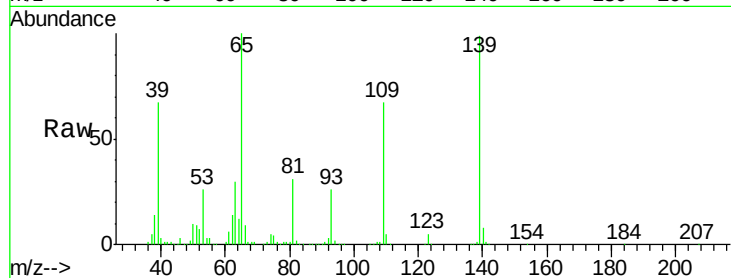
Tgt Ion:139 Resp: 557050

Ion Ratio Lower Upper

139 100

109 67.8 55.0 95.0

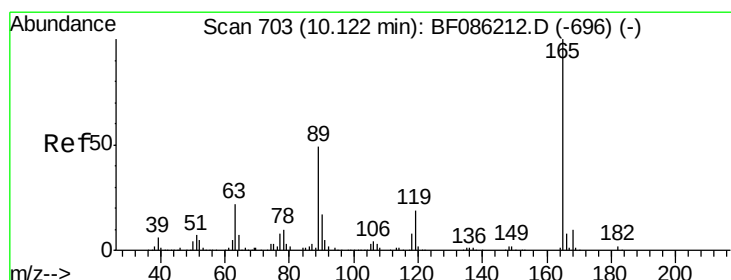
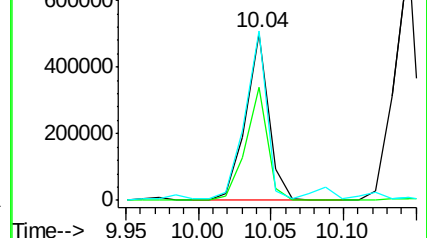
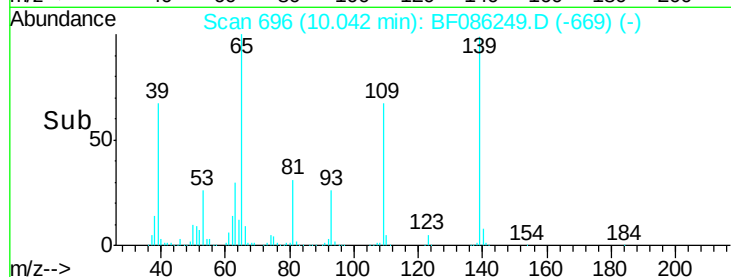
65 101.5 87.3 127.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.35 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Tgt Ion:165 Resp: 483751

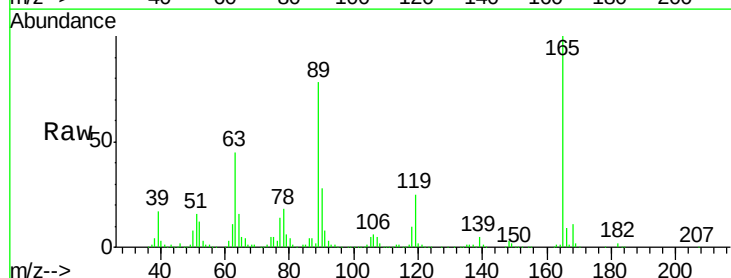
Ion Ratio Lower Upper

165 100

63 45.4 26.6 40.0#

89 78.2 49.5 74.3#

182 2.2 1.9 2.9

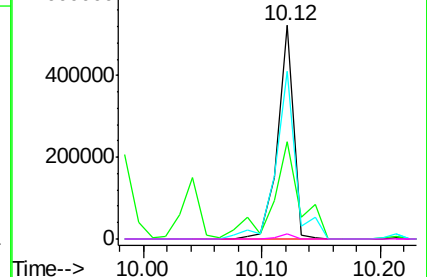
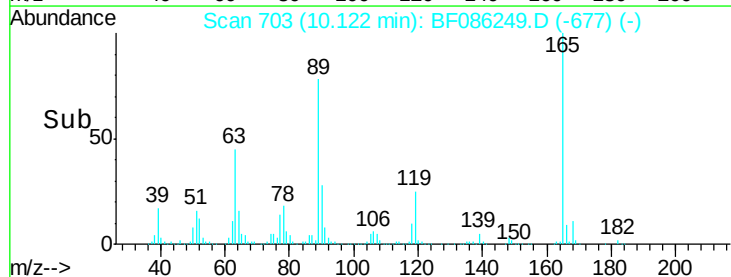


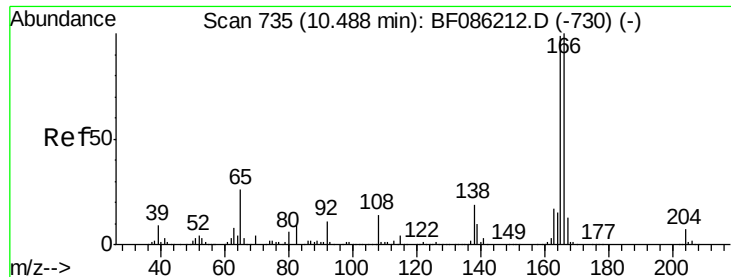
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

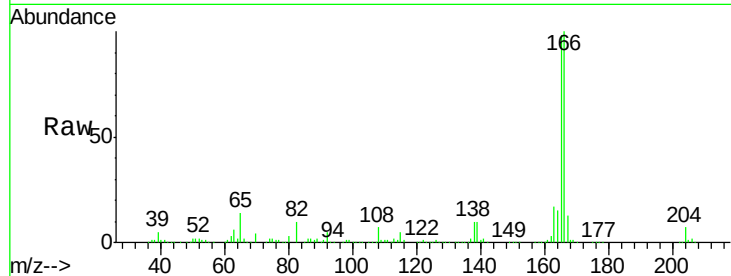




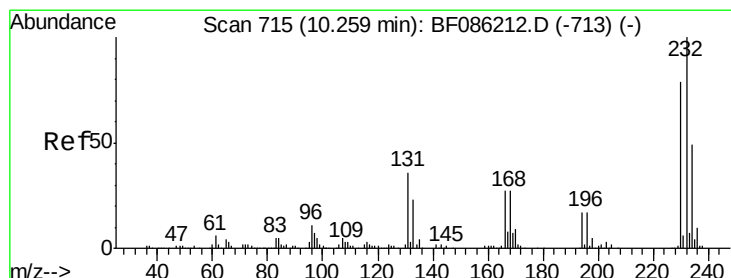
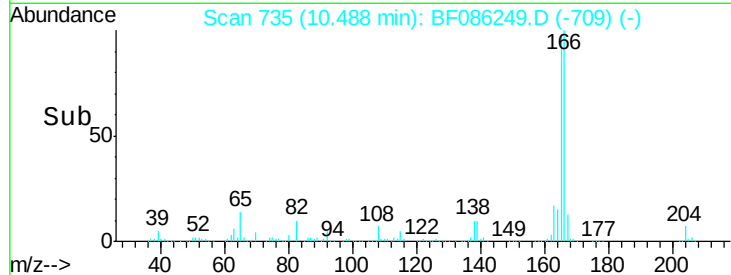
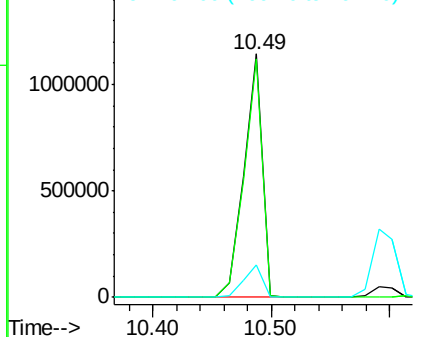
#57
 Fluorene
 Concen: 43.94 ng
 RT: 10.49 min Scan# 735
 Delta R.T. 0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion:166 Resp: 1231046
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.6 117.8
 167 13.2 10.4 15.6

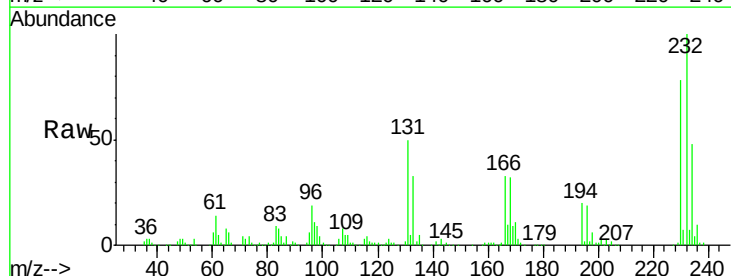


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

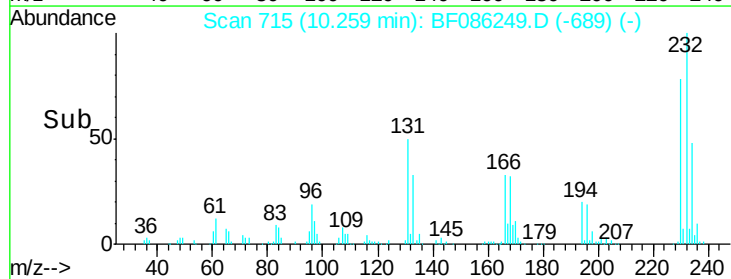
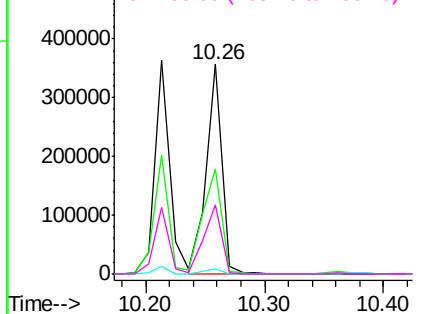


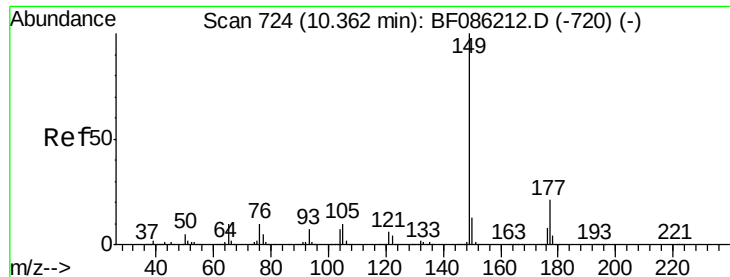
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.10 ng
 RT: 10.26 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:232 Resp: 330399
 Ion Ratio Lower Upper
 232 100
 131 59.9 46.6 70.0
 130 3.0 2.5 3.7
 166 36.8 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

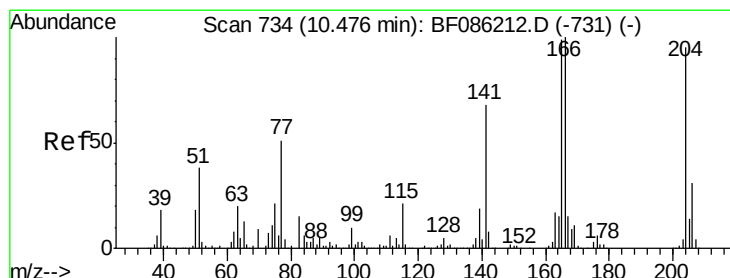
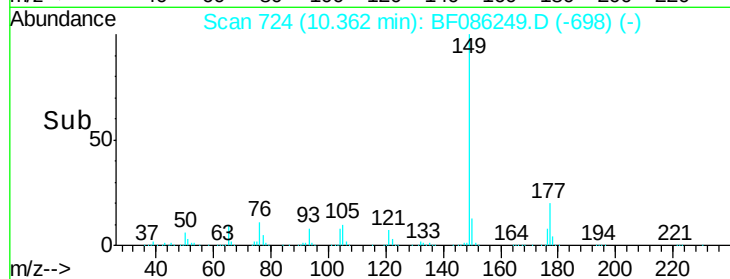
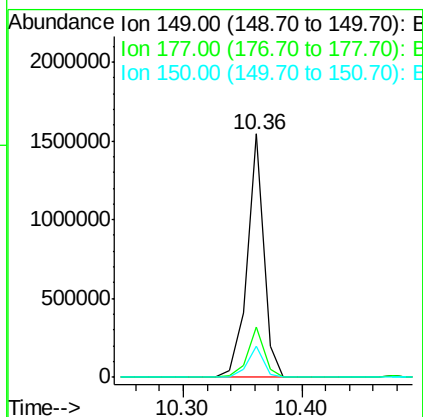
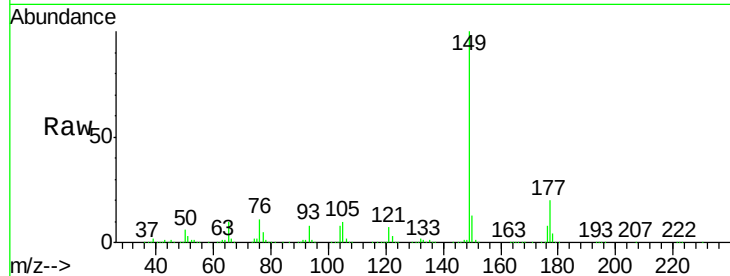




#59
Diethylphthalate
Concen: 36.31 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

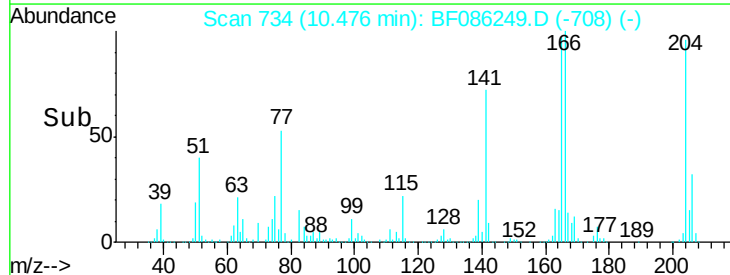
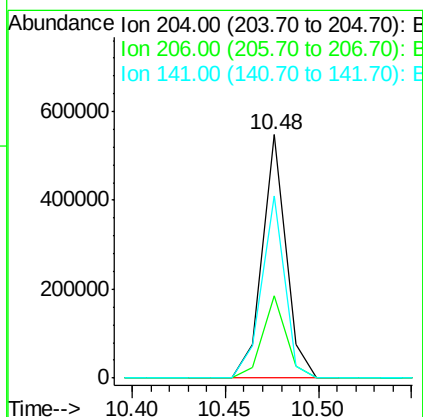
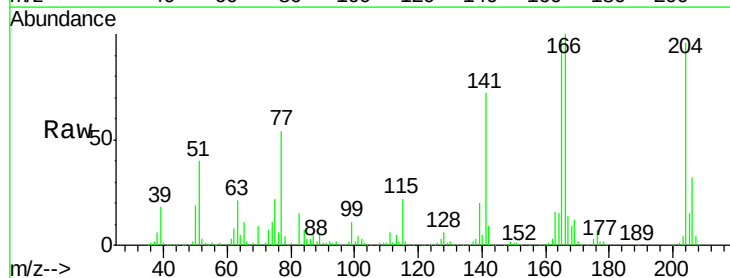
Instrument :
BNA_F
ClientSampleId :
PB89850BS

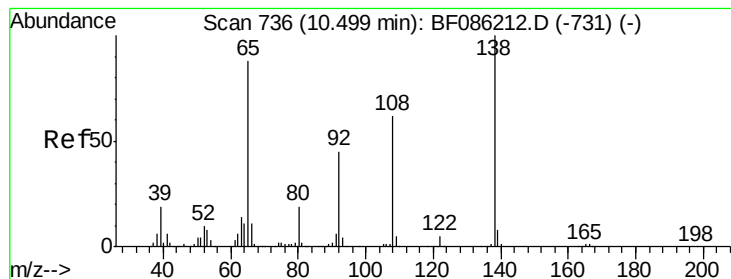
Tgt Ion:149 Resp: 1511228
Ion Ratio Lower Upper
149 100
177 20.5 17.0 25.6
150 13.0 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 40.23 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion:204 Resp: 480717
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 74.7 55.4 83.0





#61

4-Nitroaniline

Concen: 38.10 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

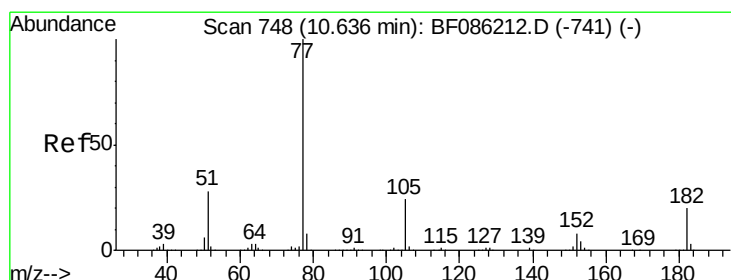
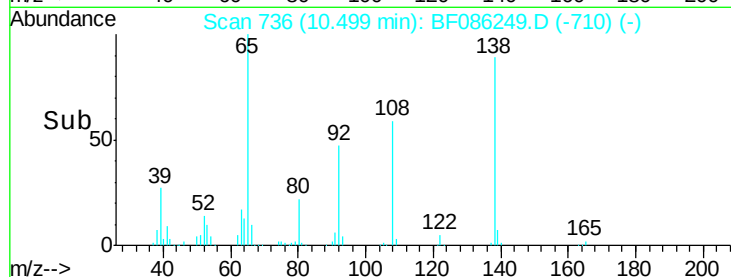
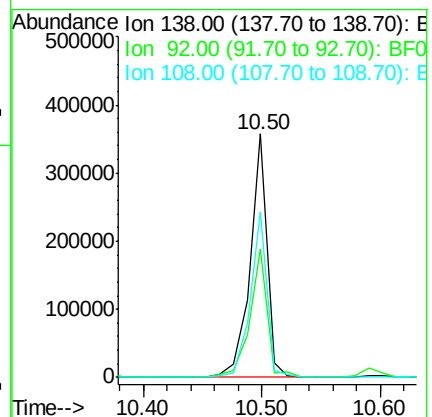
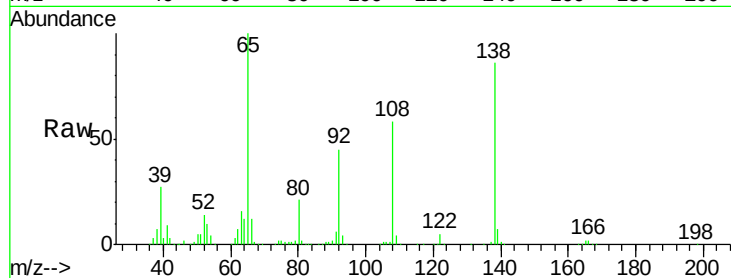
Tgt Ion:138 Resp: 357044

Ion Ratio Lower Upper

138 100

92 53.0 31.9 71.9

108 67.8 58.7 98.7



#62

Azobenzene

Concen: 41.74 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Tgt Ion: 77 Resp: 1700033

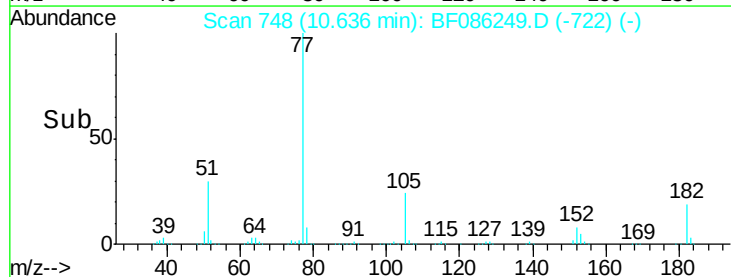
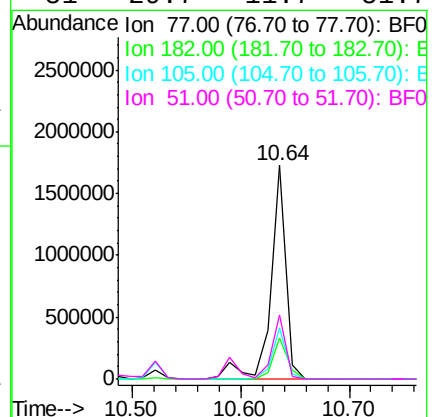
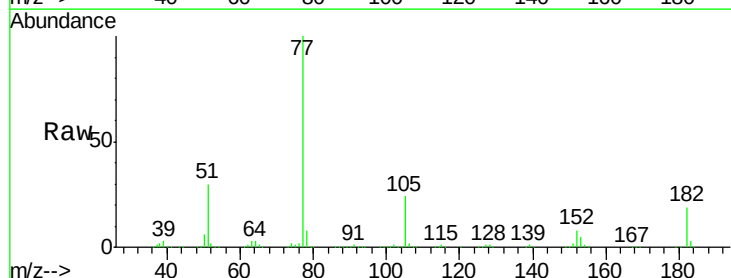
Ion Ratio Lower Upper

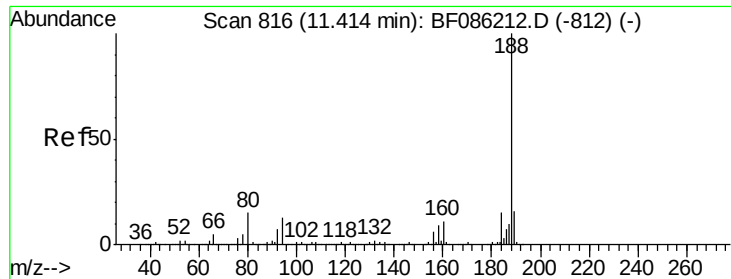
77 100

182 19.1 2.3 42.3

105 23.9 3.4 43.4

51 29.7 11.7 51.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

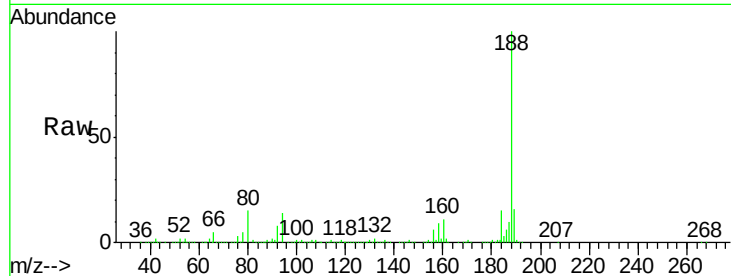
Tgt Ion:188 Resp: 944435

Ion Ratio Lower Upper

188 100

94 13.8 9.8 14.8

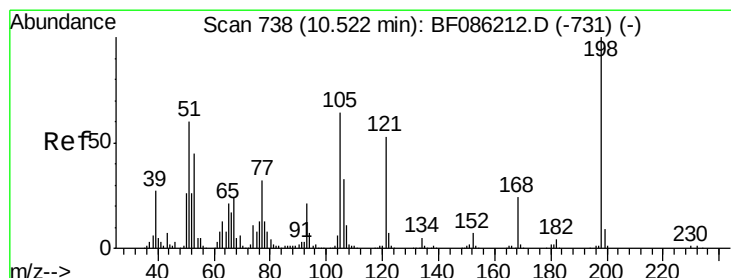
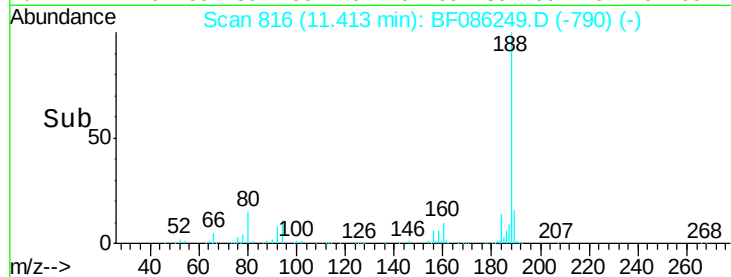
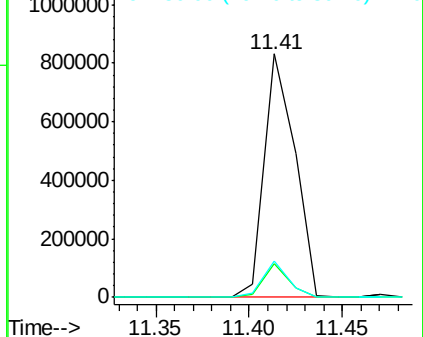
80 15.0 10.5 15.7



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: 42.91 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

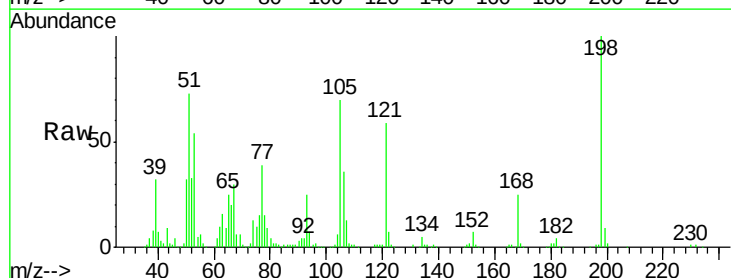
Tgt Ion:198 Resp: 192880

Ion Ratio Lower Upper

198 100

51 72.7 56.5 96.5

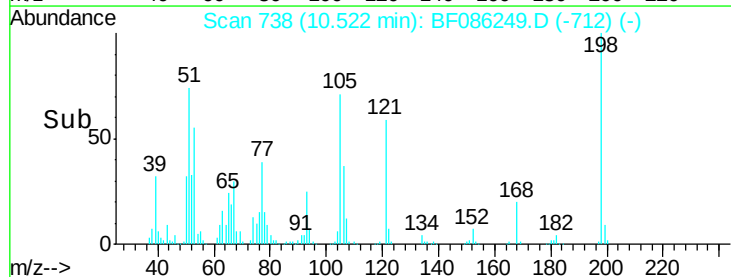
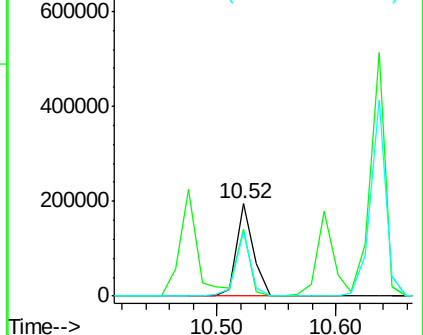
105 70.2 48.0 88.0

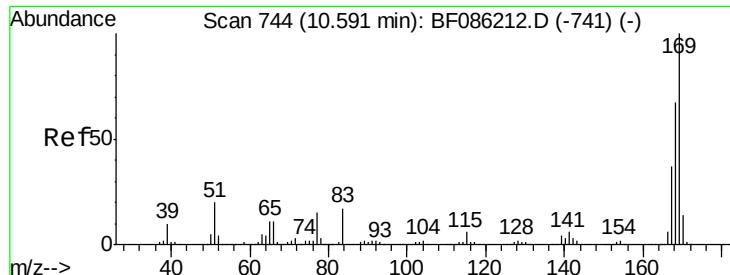


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.83 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

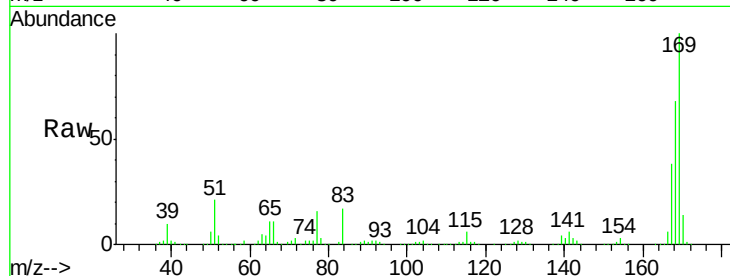
Tgt Ion:169 Resp: 1181058

Ion Ratio Lower Upper

169 100

168 67.6 54.3 81.5

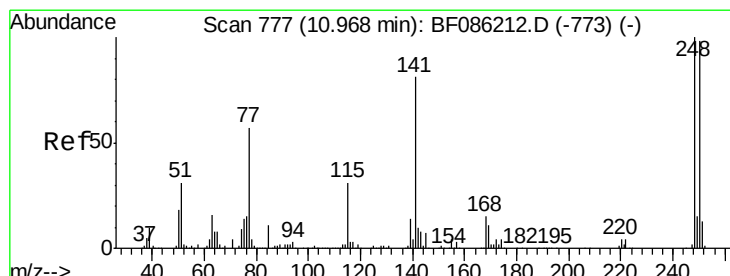
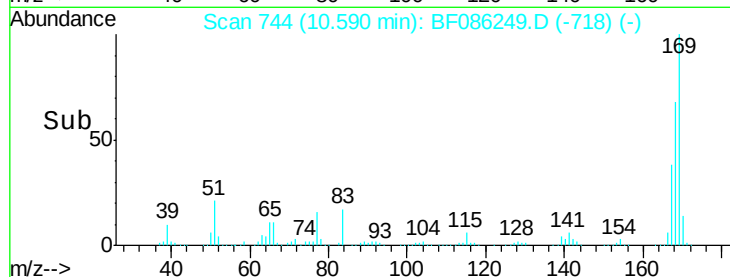
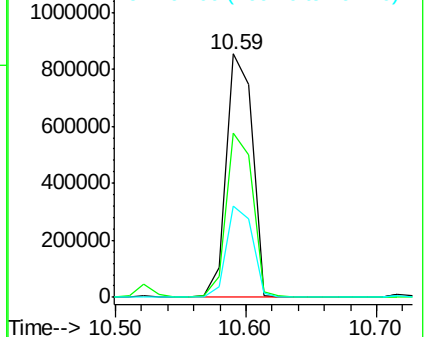
167 37.8 30.2 45.2



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: 39.38 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

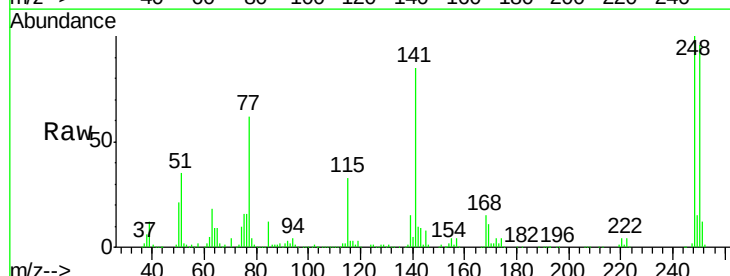
Tgt Ion:248 Resp: 346589

Ion Ratio Lower Upper

248 100

250 96.5 78.6 118.0

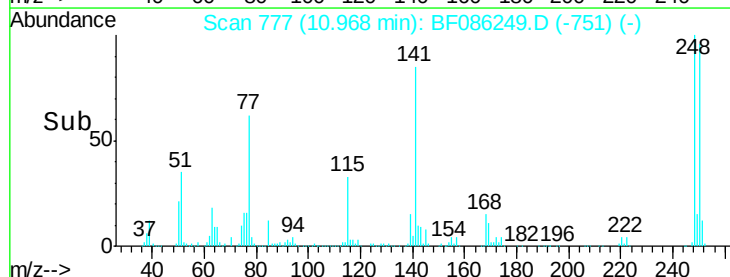
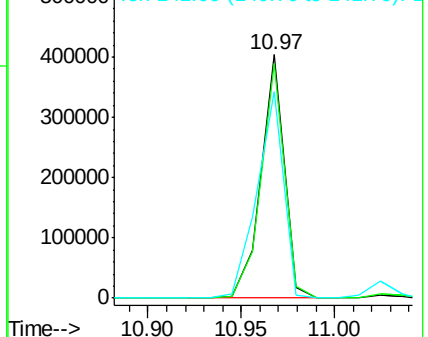
141 84.8 57.9 86.9

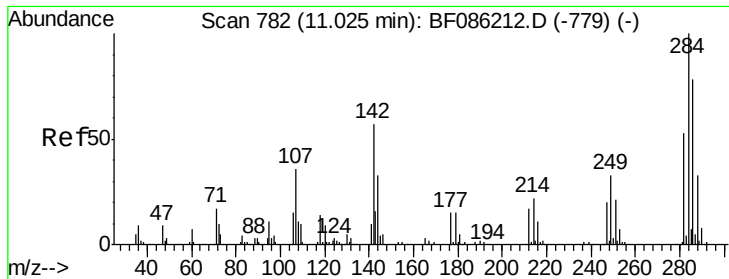


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

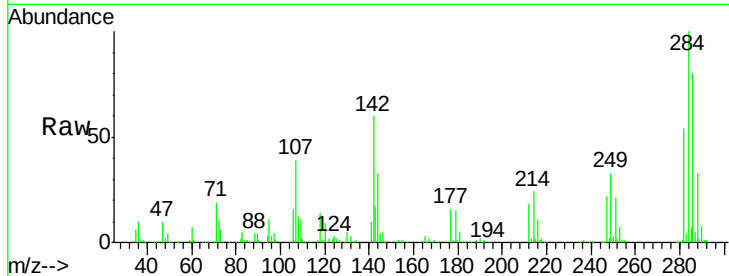




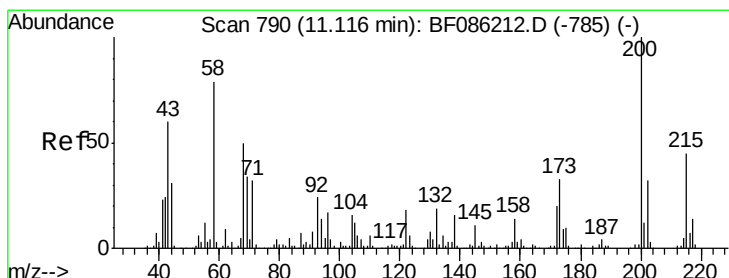
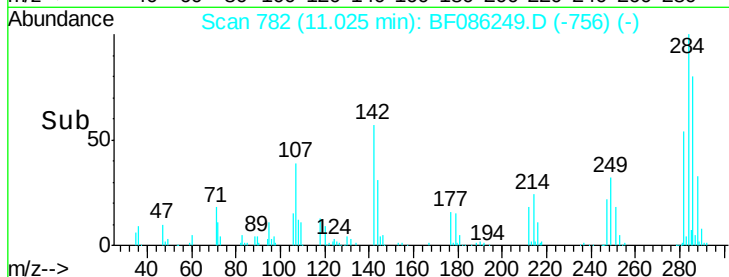
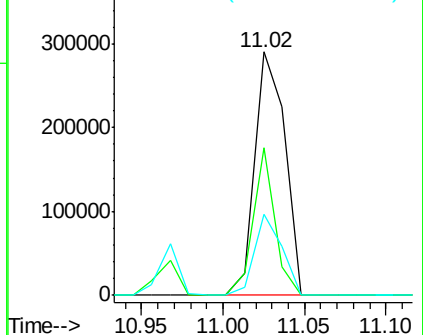
#67
Hexachlorobenzene
Concen: 40.33 ng
RT: 11.02 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Instrument :
BNA_F
ClientSampleId :
PB89850BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	60.4	42.6	64.0
249	33.3	25.9	38.9

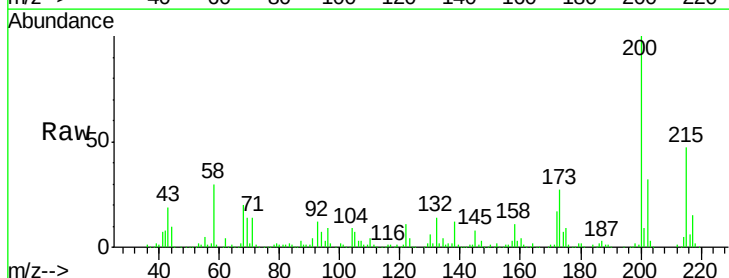


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

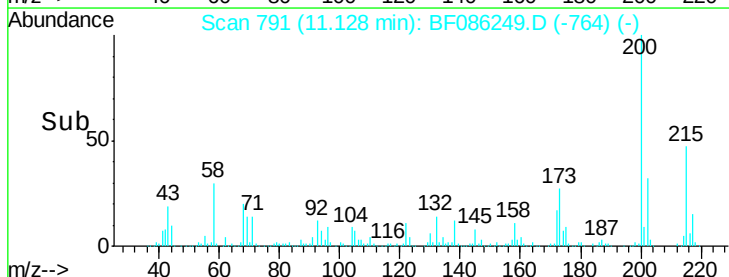
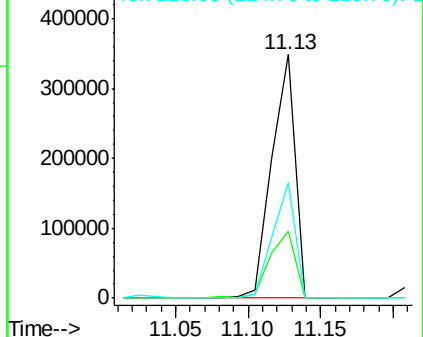


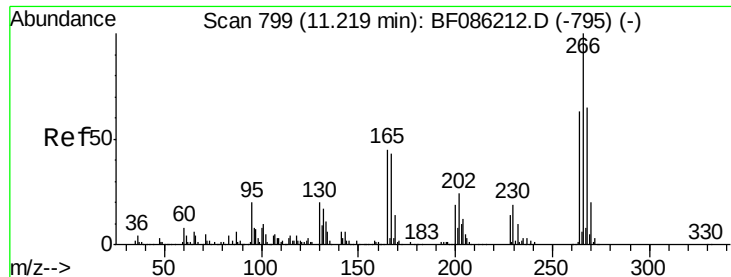
#68
Atrazine
Concen: 43.72 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.3	11.2	51.2
215	47.4	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

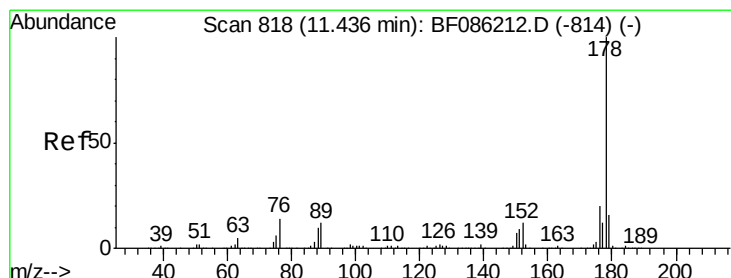
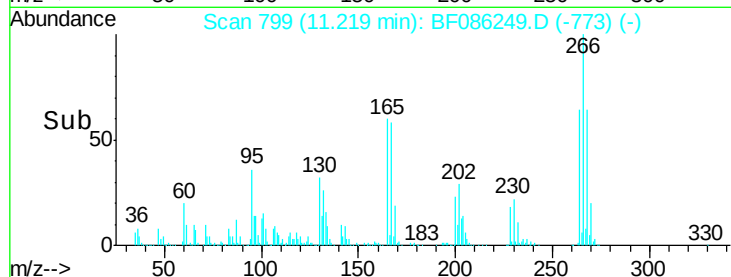
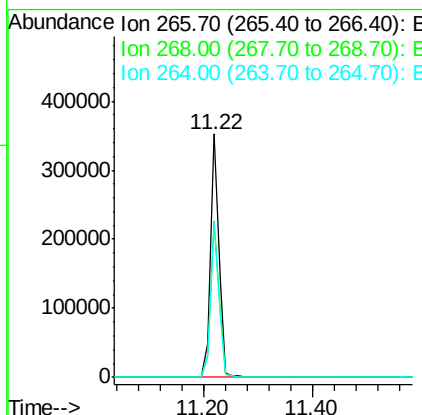
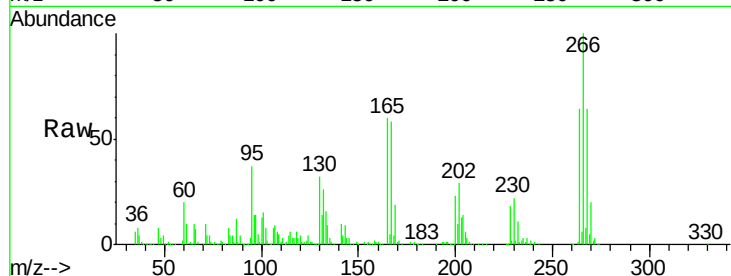




#69
 Pentachlorophenol
 Concen: 68.84 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

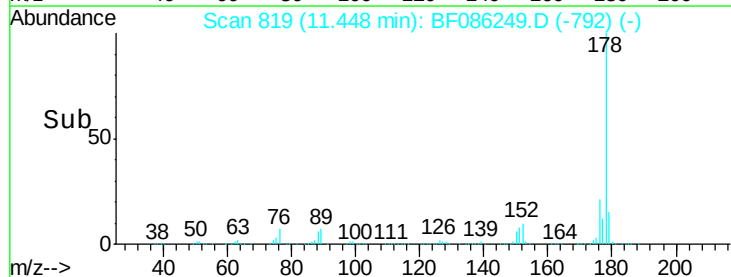
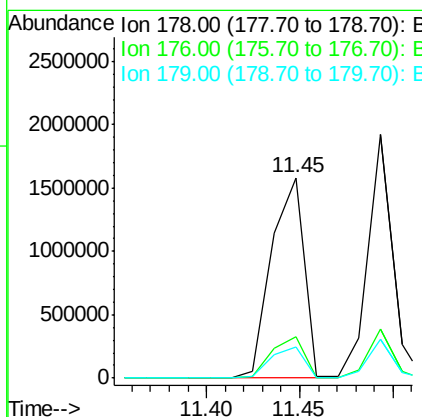
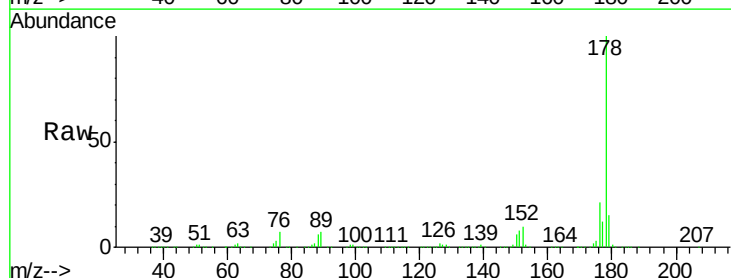
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

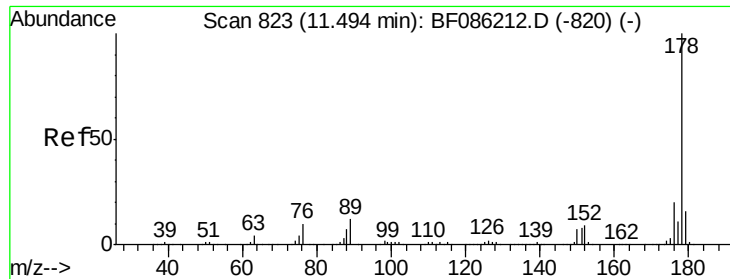
Tgt Ion: 266 Resp: 385047
 Ion Ratio Lower Upper
 266 100
 268 64.4 53.0 79.4
 264 64.0 51.3 76.9



#70
 Phenanthrene
 Concen: 42.69 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion: 178 Resp: 1925921
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.3 24.5
 179 15.5 13.0 19.6

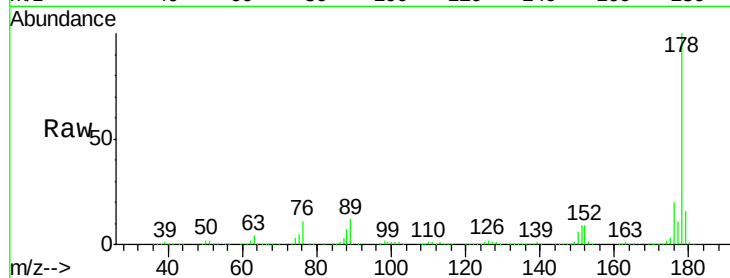




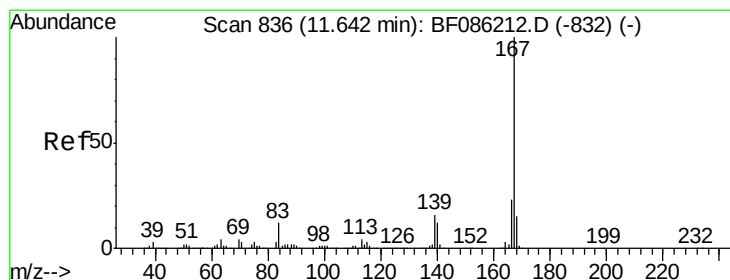
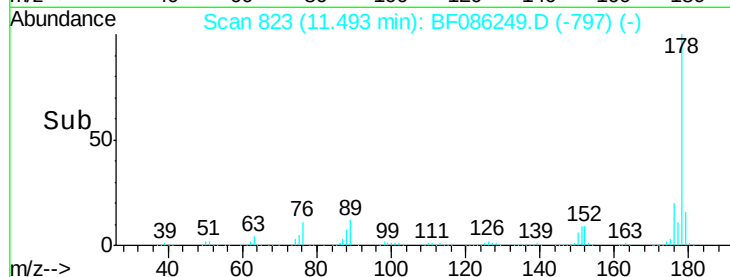
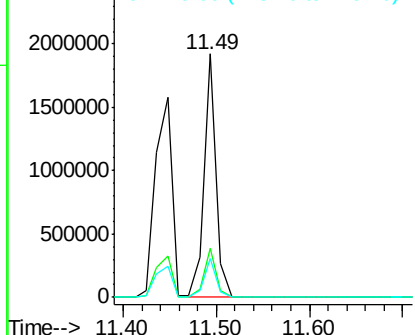
#71
 Anthracene
 Concen: 38.48 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion:178 Resp: 1731544
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 16.1 13.2 19.8

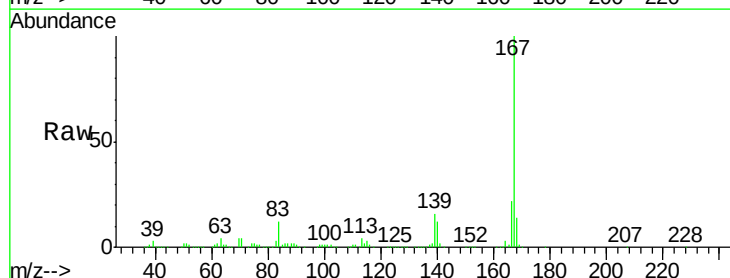


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

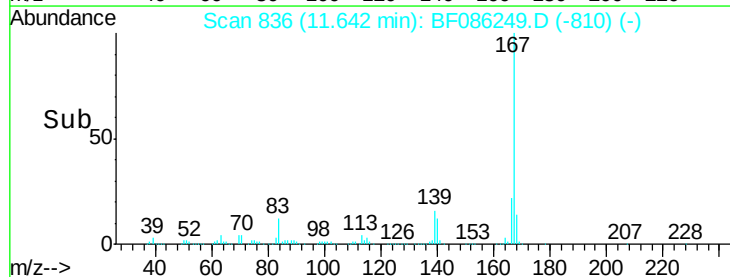
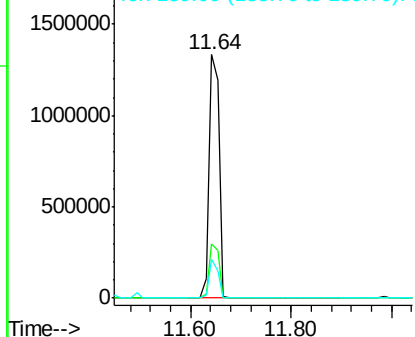


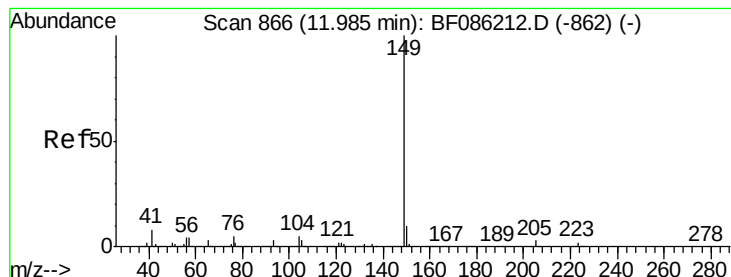
#72
 Carbazole
 Concen: 42.63 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:167 Resp: 1828955
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.3 27.5
 139 15.7 12.3 18.5



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





#73

Di-n-butylphthalate

Concen: 37.62 ng

RT: 11.98 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

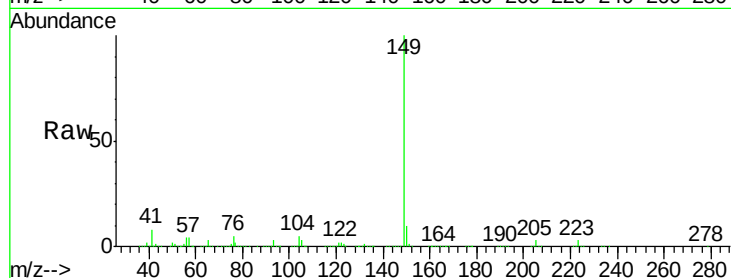
Tgt Ion:149 Resp: 2182421

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

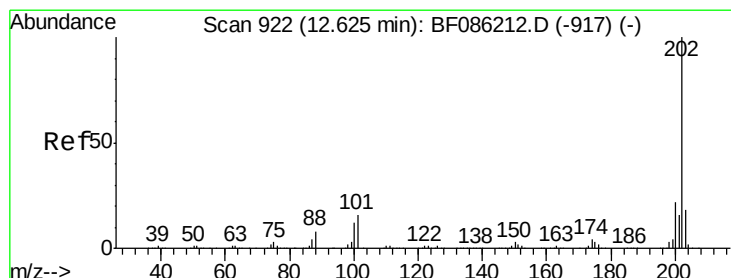
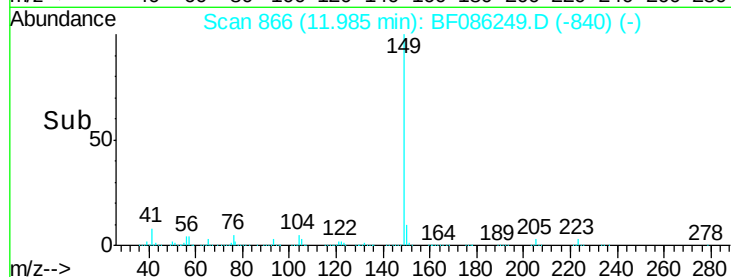
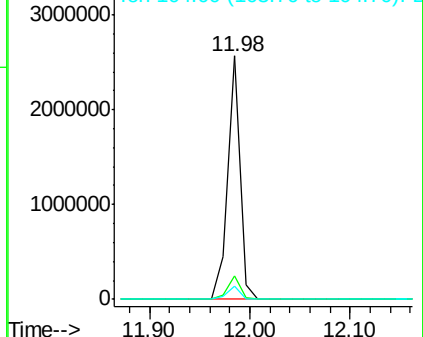
104 5.3 4.1 6.1



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: 42.74 ng

RT: 12.62 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

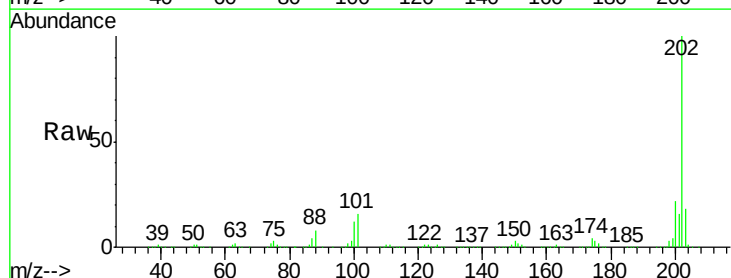
Tgt Ion:202 Resp: 1670450

Ion Ratio Lower Upper

202 100

101 16.1 0.0 35.2

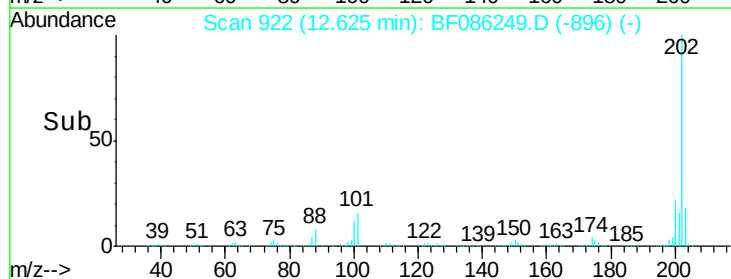
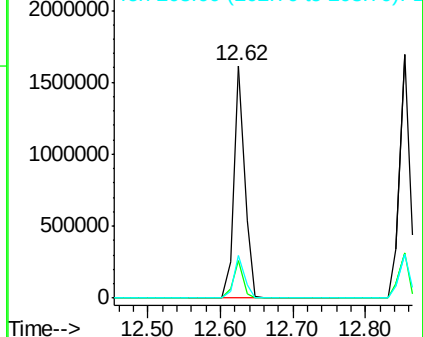
203 18.4 0.0 38.2

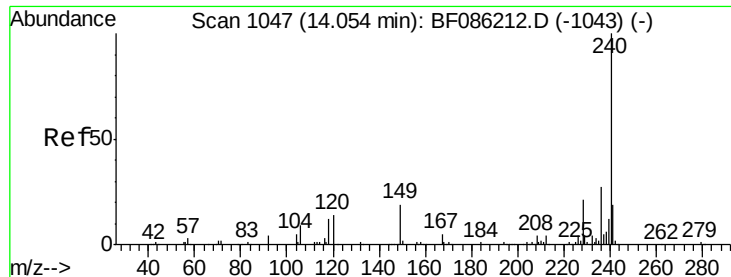


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

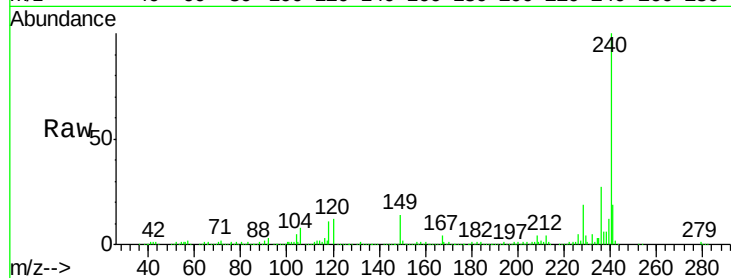
Tgt Ion:240 Resp: 574586

Ion Ratio Lower Upper

240 100

120 12.3 9.3 13.9

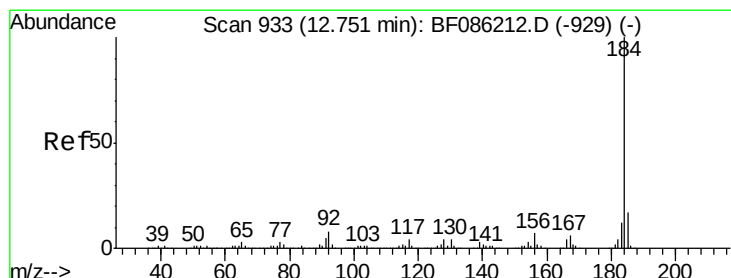
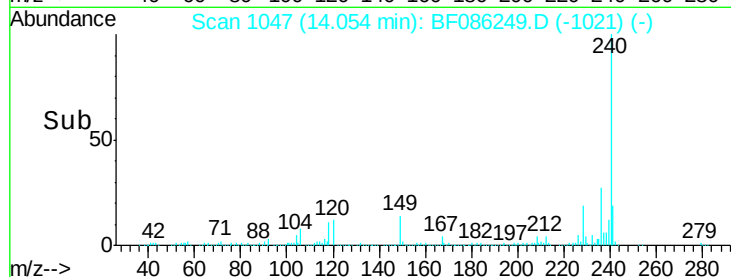
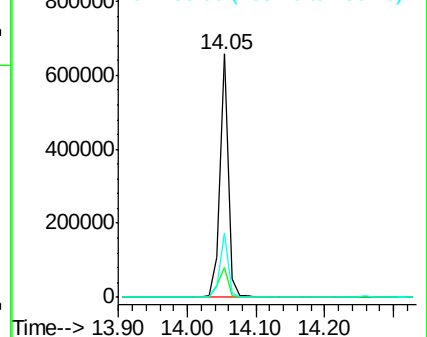
236 26.6 21.1 31.7



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: 23.12 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

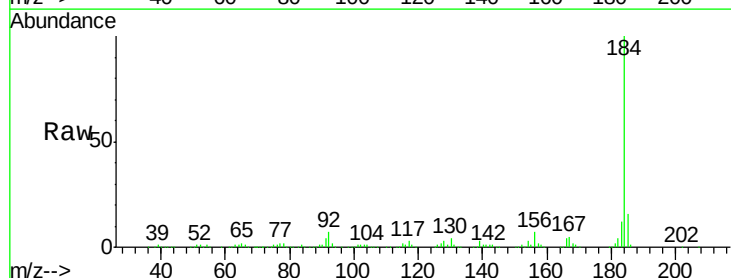
Tgt Ion:184 Resp: 515219

Ion Ratio Lower Upper

184 100

185 16.0 14.2 21.2

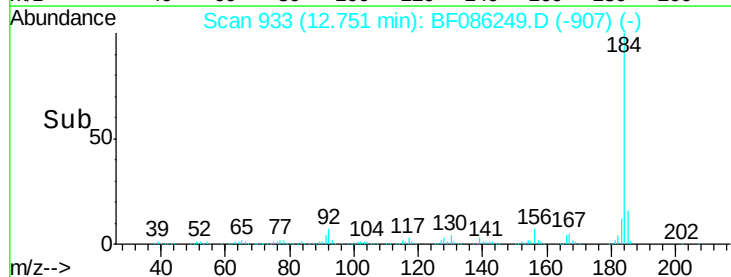
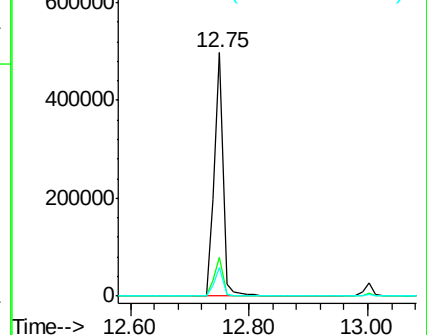
183 11.7 9.8 14.6

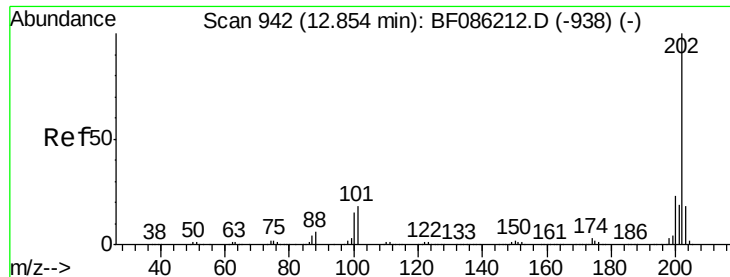


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

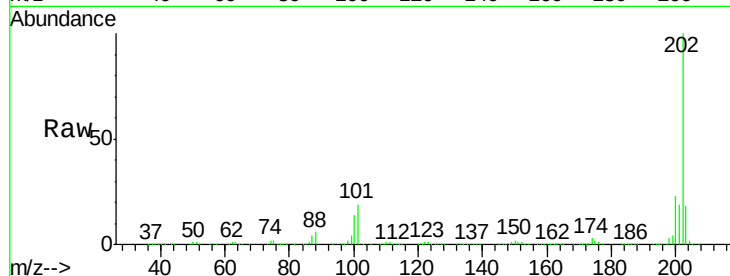




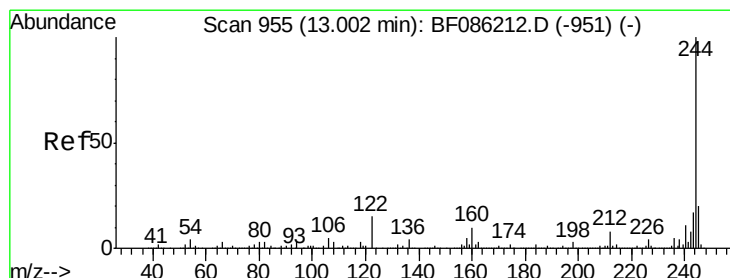
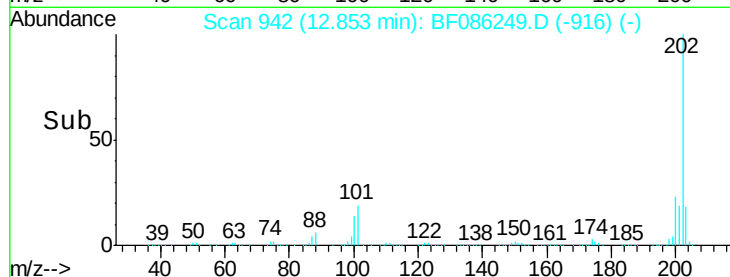
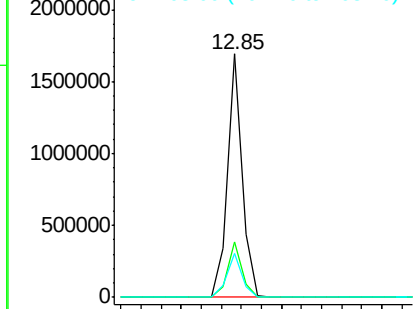
#77
 Pyrene
 Concen: 38.82 ng
 RT: 12.85 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion:202 Resp: 1711081
 Ion Ratio Lower Upper
 202 100
 200 22.6 18.3 27.5
 203 18.2 14.9 22.3

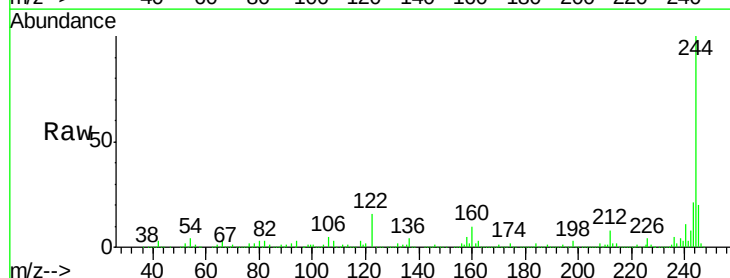


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

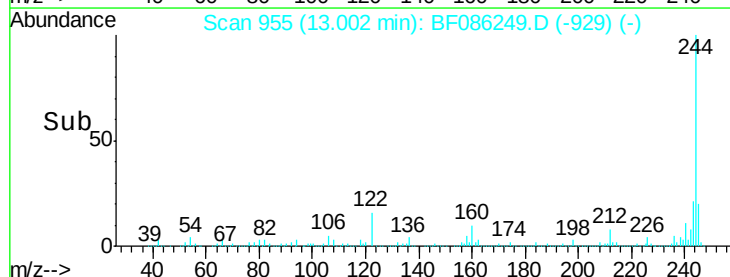
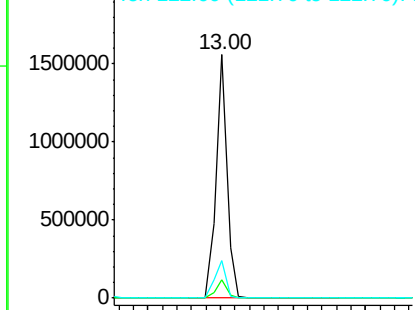


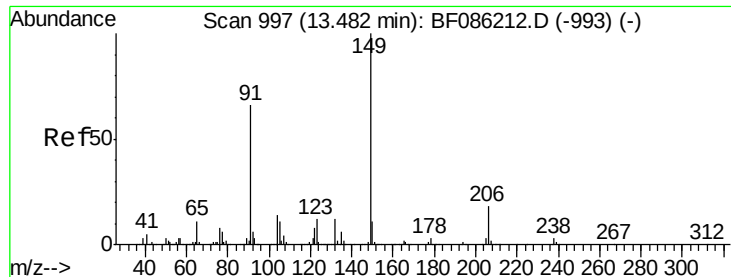
#78
 Terphenyl-d14
 Concen: 71.58 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:244 Resp: 1635676
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.7 11.7 17.5



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

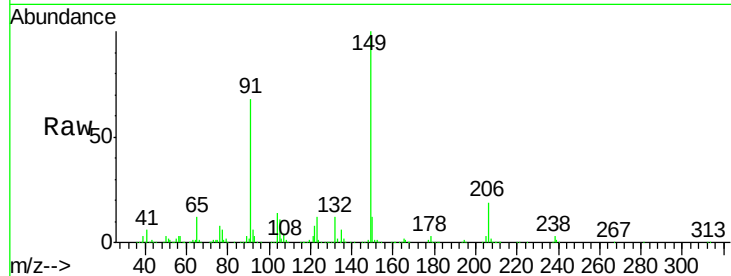




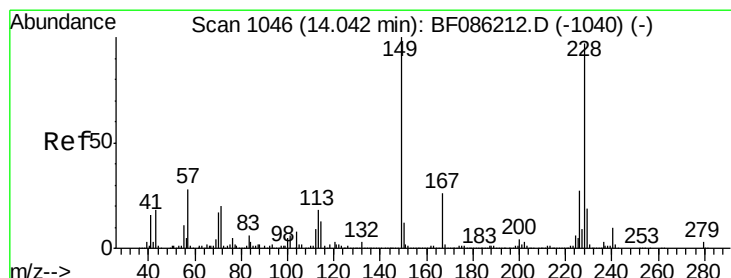
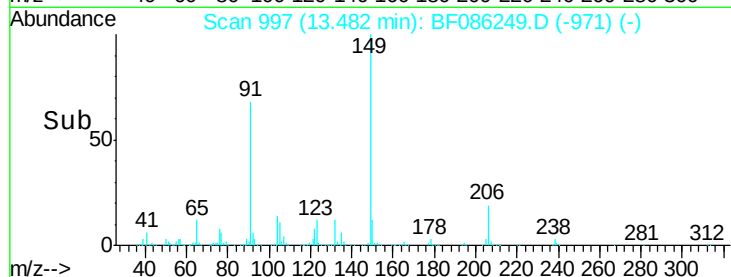
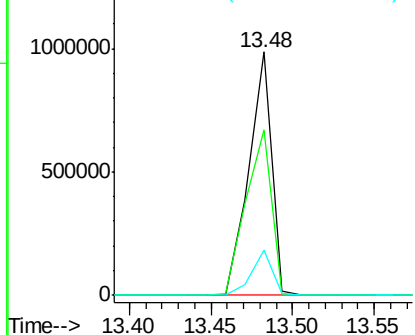
#79
Butylbenzylphthalate
Concen: 47.06 ng
RT: 13.48 min Scan# 997
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Instrument :
BNA_F
ClientSampleId :
PB89850BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	48.7	73.1
206	18.5	15.7	23.5

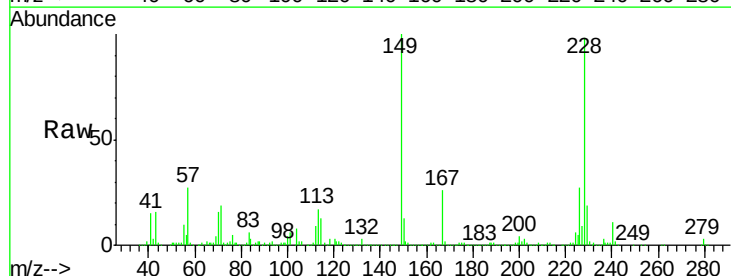


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

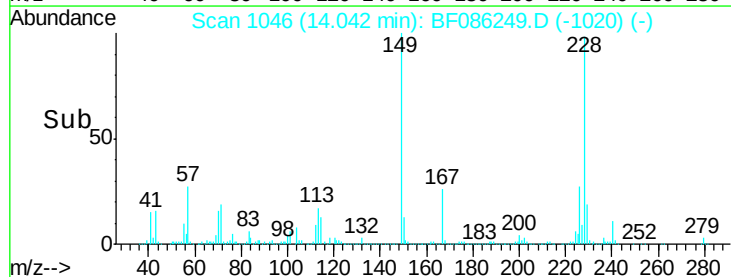
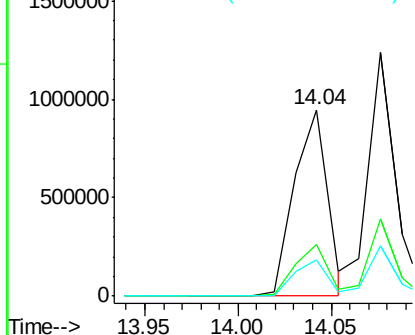


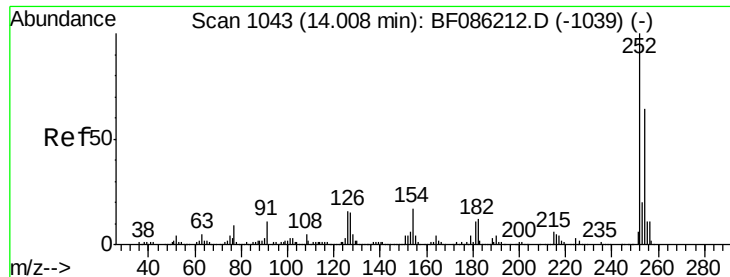
#80
Benzo(a)anthracene
Concen: 37.34 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.5	33.7
229	19.8	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

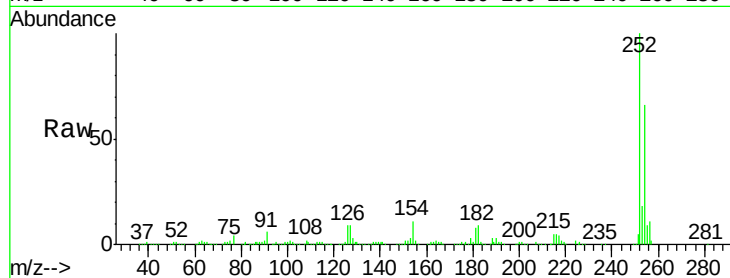




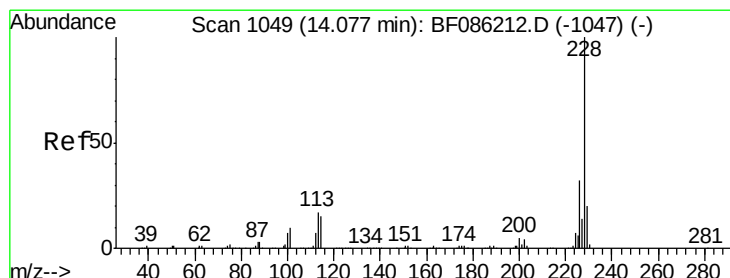
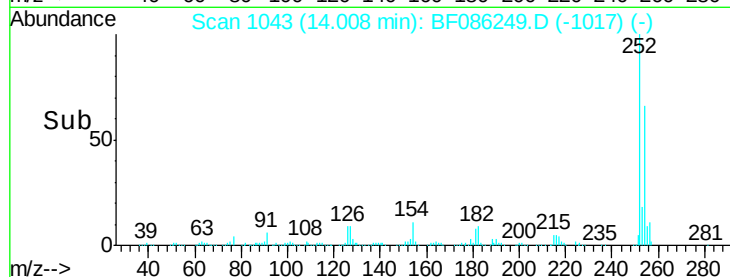
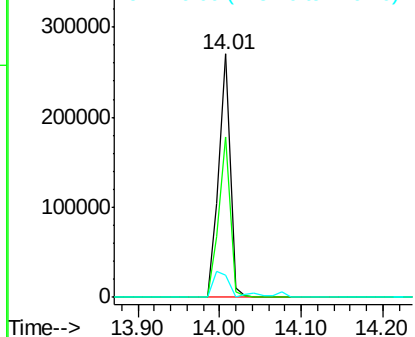
#81
 3,3'-Dichlorobenzidine
 Concen: 14.71 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

Tgt Ion: 252 Resp: 268931
 Ion Ratio Lower Upper
 252 100
 254 65.8 52.1 78.1
 126 9.2 13.2 19.8#

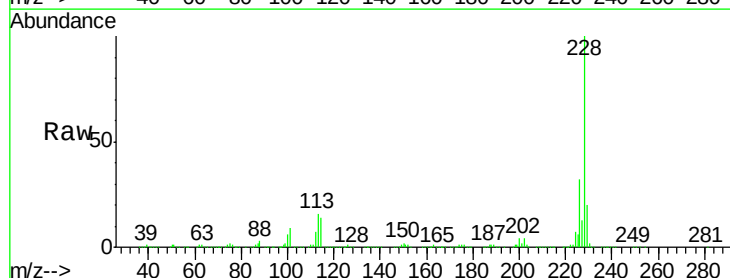


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

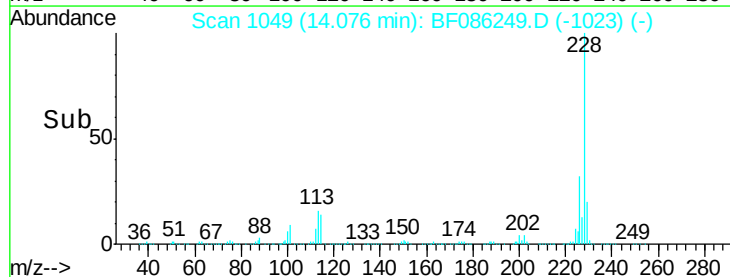
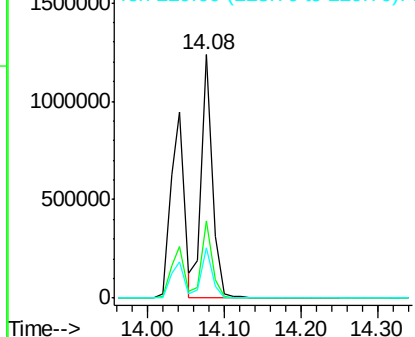


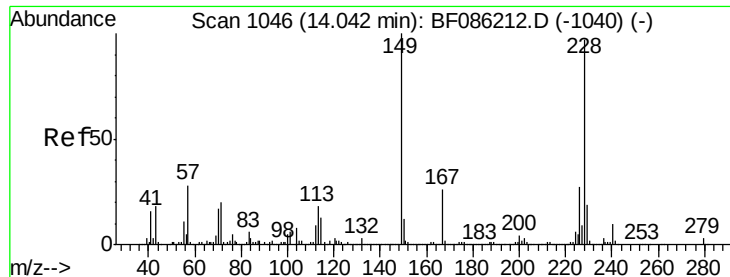
#82
 Chrysene
 Concen: 36.59 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion: 228 Resp: 1230782
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.2
 229 20.4 16.5 24.7



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

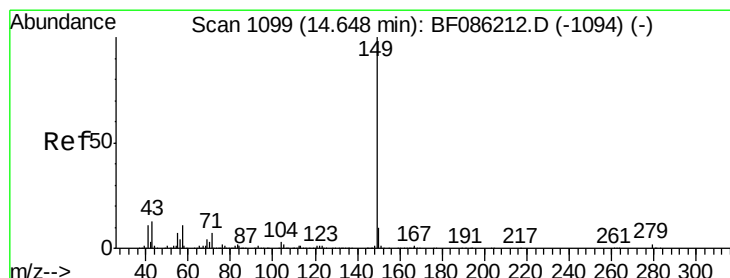
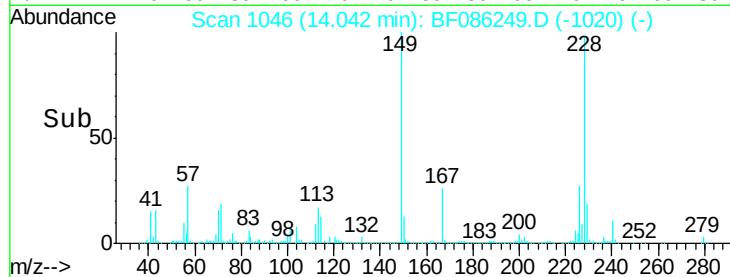
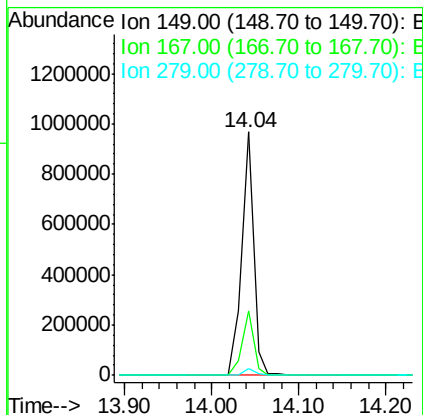
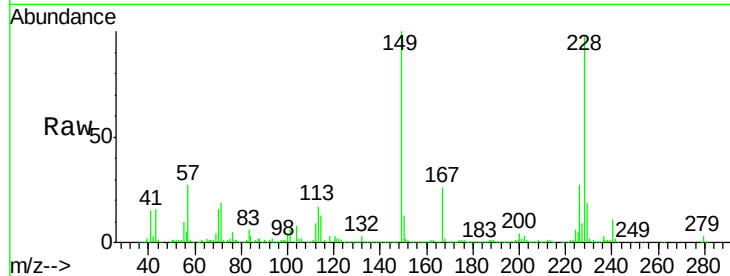




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.80 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

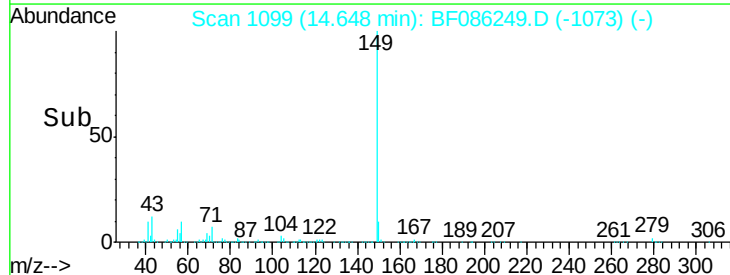
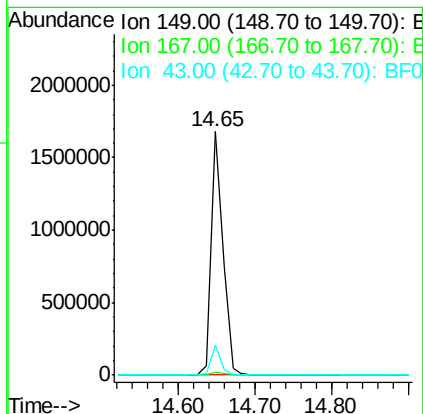
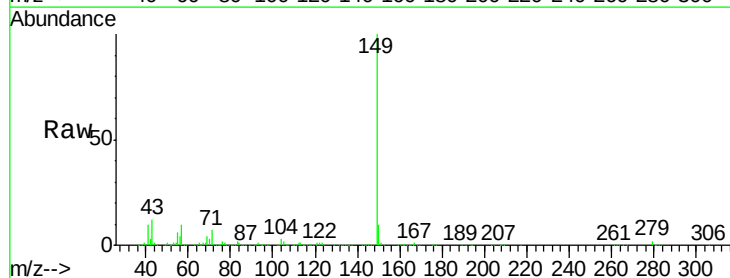
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

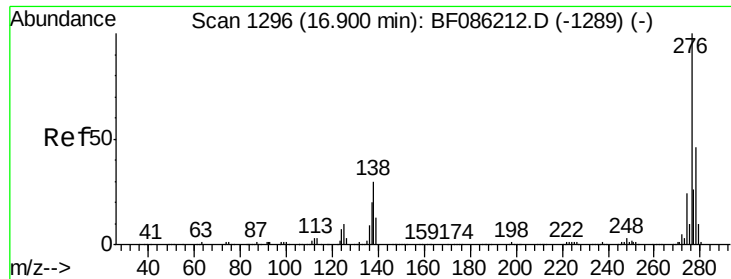
Tgt Ion:	149	Resp:	919243
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	2.9	2.4	3.6



#84
 Di-n-octyl phthalate
 Concen: 41.53 ng
 RT: 14.65 min Scan# 1099
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion:	149	Resp:	1759938
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	10.2	9.1	13.7

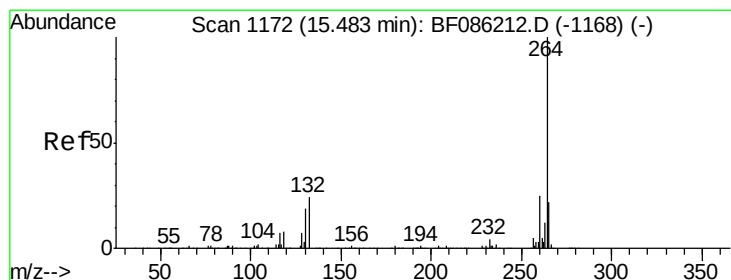
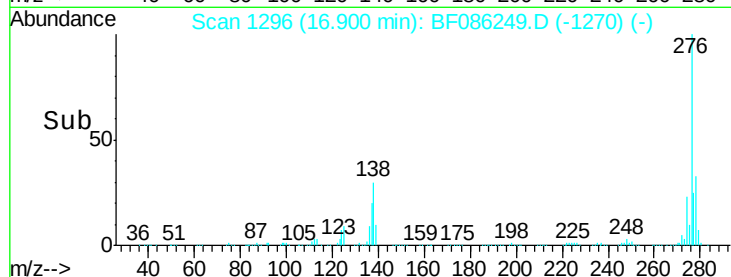
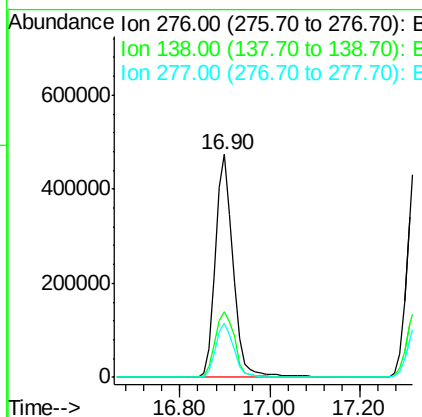
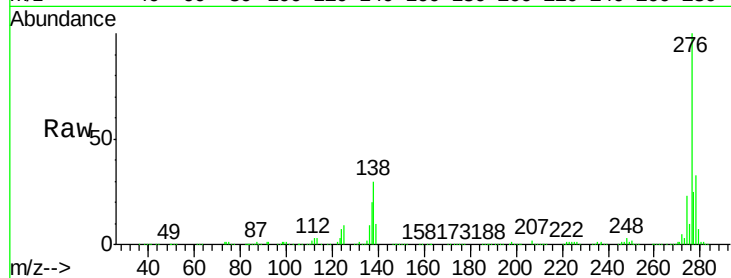




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.36 ng
 RT: 16.90 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

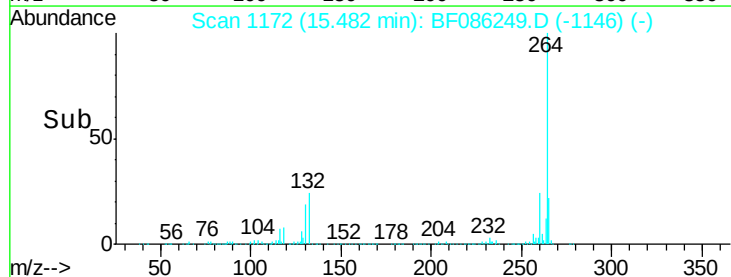
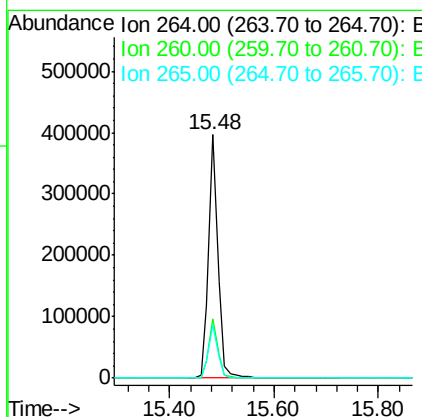
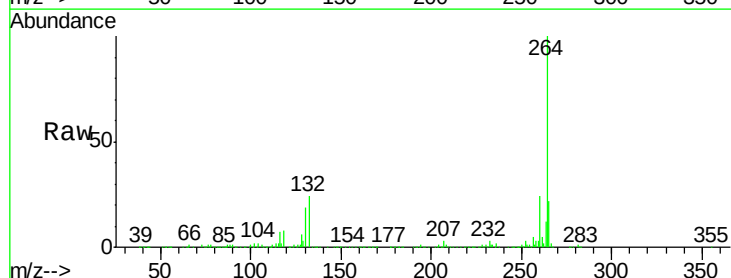
Instrument :
 BNA_F
 ClientSampleId :
 PB89850BS

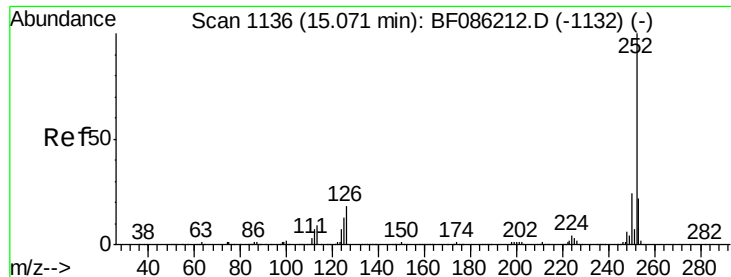
Tgt Ion: 276 Resp: 1309298
 Ion Ratio Lower Upper
 276 100
 138 33.1 23.8 35.6
 277 25.2 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086249.D
 Acq: 16 Apr 2016 7:28

Tgt Ion: 264 Resp: 493087
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.7 17.4 26.0

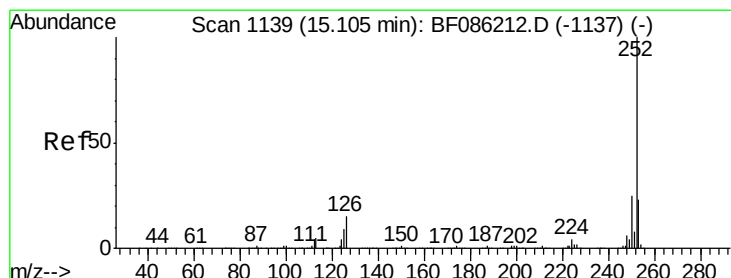
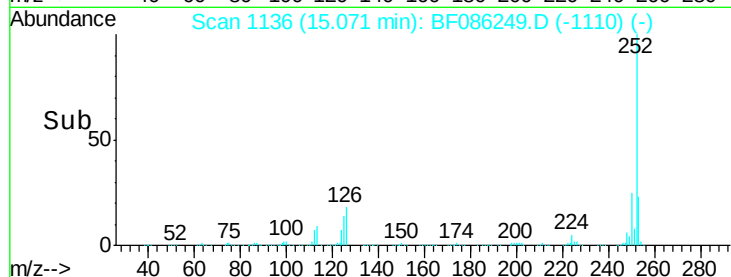
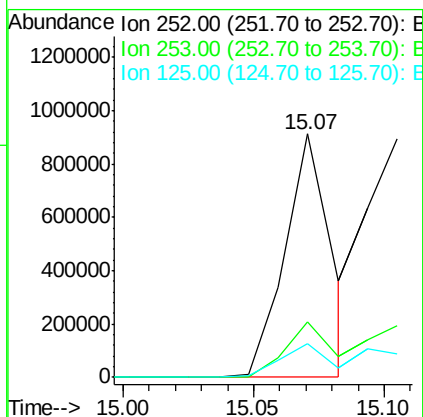
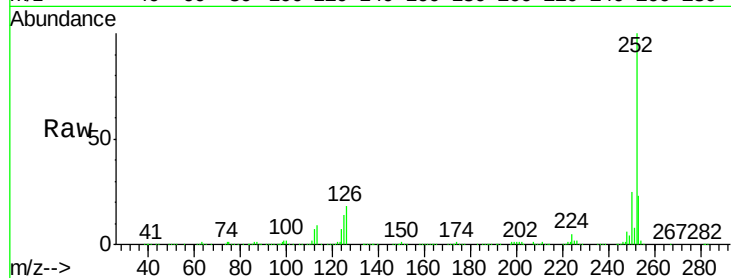




#87
Benzo(b)fluoranthene
Concen: 36.53 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

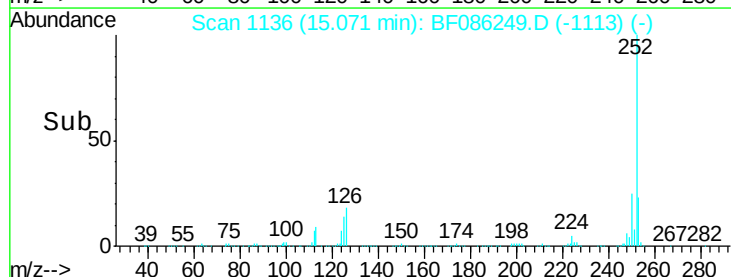
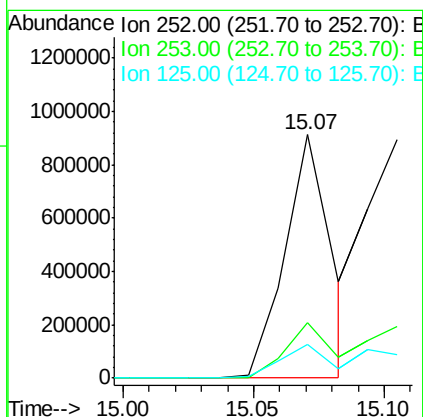
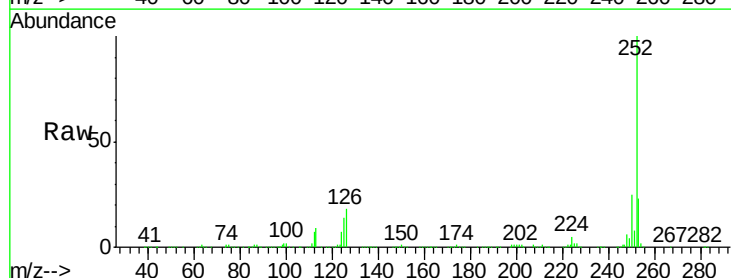
Instrument :
BNA_F
ClientSampleId :
PB89850BS

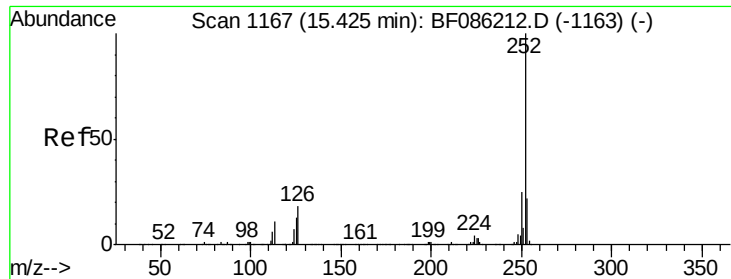
Tgt Ion:252 Resp: 1111281
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 13.6 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 40.06 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BF086249.D
Acq: 16 Apr 2016 7:28

Tgt Ion:252 Resp: 1111281
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 13.6 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 41.67 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS

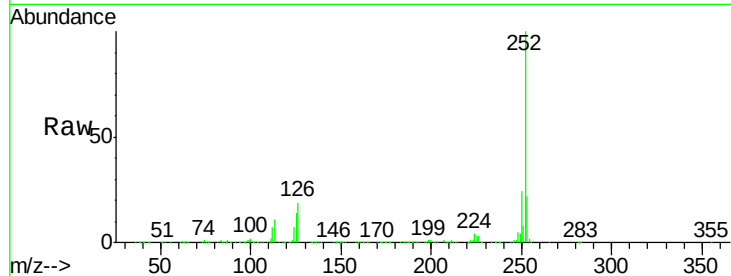
Tgt Ion:252 Resp: 1097989

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

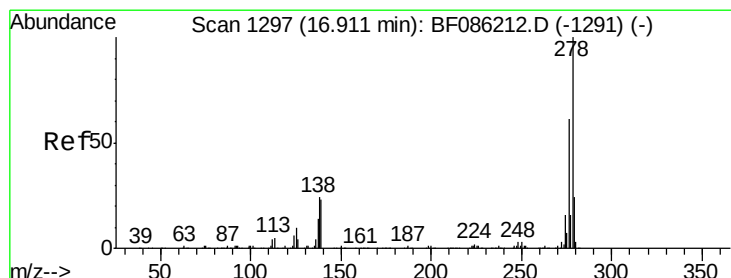
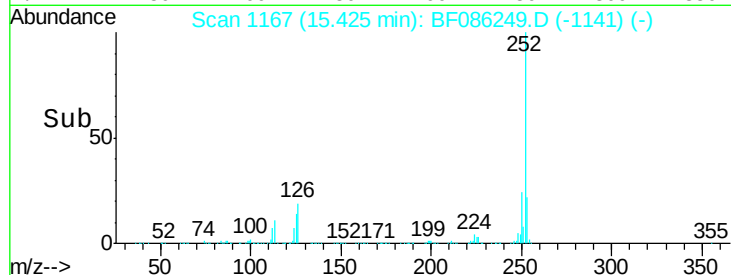
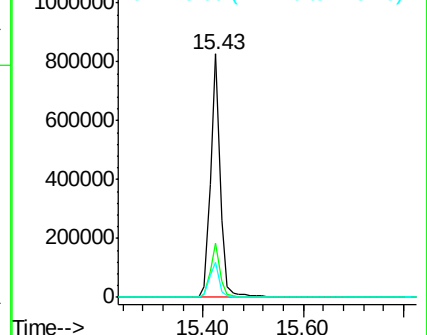
125 14.3 11.2 16.8



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: 46.38 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF086249.D

Acq: 16 Apr 2016 7:28

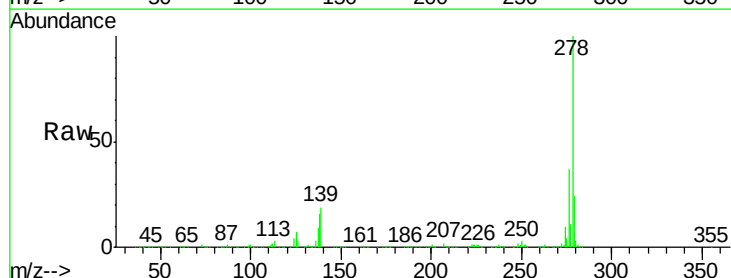
Tgt Ion:278 Resp: 1080097

Ion Ratio Lower Upper

278 100

139 18.8 15.3 22.9

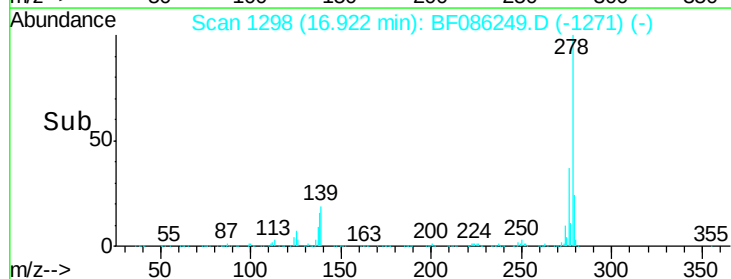
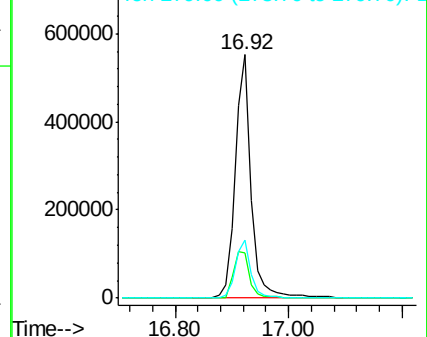
279 23.6 19.1 28.7

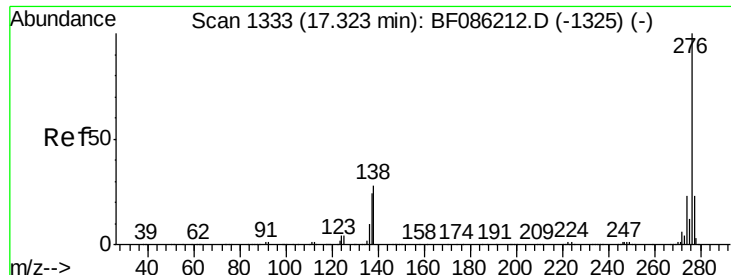


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.72 ng

RT: 17.32 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF086249.D

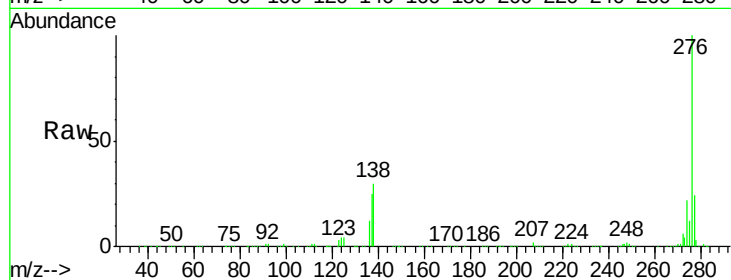
Acq: 16 Apr 2016 7:28

Instrument :

BNA_F

ClientSampleId :

PB89850BS



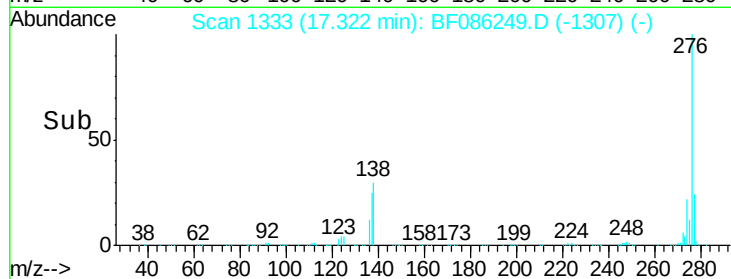
Tgt Ion: 276 Resp: 1156954

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 29.8 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

