

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086457.D
 Acq On : 28 Apr 2016 7:08
 Operator : UM/SJ
 Sample : H2707-08MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Quant Time: Apr 28 07:56:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122698	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	440122	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	164870	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	255420	20.00	ng	0.00
75) Chrysene-d12	13.96	240	268245	20.00	ng	0.00
86) Perylene-d12	15.37	264	198677	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	1071750	150.67	ng	0.02
7) Phenol-d6	6.45	99	1334919	134.46	ng	0.01
23) Nitrobenzene-d5	7.38	82	838721	102.72	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	212760	122.37	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1143169	136.66	ng	0.00
78) Terphenyl-d14	12.91	244	878547	72.16	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.42	88	154762	41.42	ng	# 79
3) Pyridine	3.12	79	396492	44.83	ng	# 68
4) n-Nitrosodimethylamine	3.07	42	269018	53.37	ng	# 60
6) Aniline	6.46	93	274758	22.87	ng	# 1
8) 2-Chlorophenol	6.59	128	380690	42.97	ng	85
9) Benzaldehyde	6.35	77	67063	11.61	ng	96
10) Phenol	6.46	94	573969	51.82	ng	81
11) bis(2-Chloroethyl)ether	6.54	93	427304	44.62	ng	85
12) 1,3-Dichlorobenzene	6.75	146	425550	44.65	ng	99
13) 1,4-Dichlorobenzene	6.83	146	423724	43.09	ng	98
14) 1,2-Dichlorobenzene	6.98	146	420436	46.62	ng	99
15) Benzyl Alcohol	6.96	79	348893	55.55	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	889596	46.41	ng	87
17) 2-Methylphenol	7.07	107	321655	44.92	ng	94
18) Hexachloroethane	7.32	117	125698	34.21	ng	# 88
19) n-Nitroso-di-n-propylamine	7.23	70	326330	49.73	ng	# 78
20) 3+4-Methylphenols	7.23	107	381346	46.64	ng	# 75
22) Acetophenone	7.22	105	537071	55.65	ng	# 92
24) Nitrobenzene	7.39	77	394302	46.94	ng	96
25) Isophorone	7.63	82	774675	49.30	ng	99
26) 2-Nitrophenol	7.71	139	117873	30.48	ng	92
27) 2,4-Dimethylphenol	7.76	122	349388	51.49	ng	94
28) bis(2-Chloroethoxy)methane	7.85	93	494627	57.78	ng	98
29) 2,4-Dichlorophenol	7.95	162	270350	47.22	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	323160	48.65	ng	99
31) Naphthalene	8.11	128	1064959	47.55	ng	99
32) Benzoic acid	7.76	122	349388	78.26	ng	# 19
33) 4-Chloroaniline	8.17	127	155077	18.49	ng	97
34) Hexachlorobutadiene	8.24	225	184862	49.65	ng	98
35) Caprolactam	8.52	113	75627	39.60	ng	# 54
36) 4-Chloro-3-methylphenol	8.66	107	280820	42.84	ng	94
37) 2-Methylnaphthalene	8.81	142	661615	50.07	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	251839	53.36	ng	99
40) Hexachlorocyclopentadiene	8.96	237	25161	10.73	ng	95

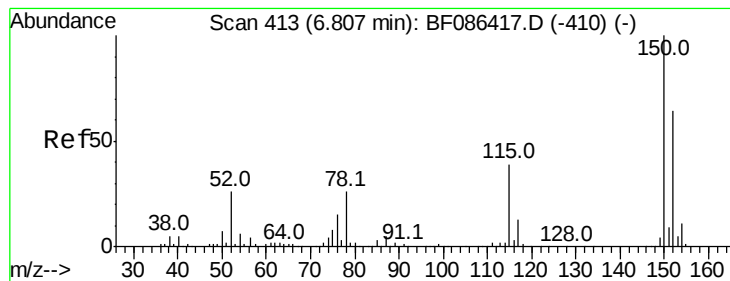
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	140053	46.95	nq	96
43) 2,4,5-Trichlorophenol	9.13	196	152269	46.83	nq	# 90
45) 1,1'-Biphenyl	9.28	154	748594	54.32	nq	99
46) 2-Chloronaphthalene	9.30	162	544231	51.94	nq	98
47) 2-Nitroaniline	9.39	65	199190	59.28	nq	# 82
48) Acenaphthylene	9.71	152	818746	49.99	nq	99
49) Dimethylphthalate	9.57	163	783426	63.12	nq	100
50) 2,6-Dinitrotoluene	9.63	165	116053	45.26	nq	# 85
51) Acenaphthene	9.88	154	493303	46.89	nq	97
52) 3-Nitroaniline	9.80	138	141187	48.42	nq	99
53) 2,4-Dinitrophenol	9.92	184	1740	8.95	nq	# 1
54) Dibenzofuran	10.05	168	691838	52.62	nq	99
55) 4-Nitrophenol	9.96	139	145298	76.10	nq	# 59
56) 2,4-Dinitrotoluene	10.03	165	124146	37.98	nq	# 87
57) Fluorene	10.40	166	501020	43.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	126645	49.82	nq	94
59) Diethylphthalate	10.27	149	599660	51.04	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	230114	44.40	nq	96
61) 4-Nitroaniline	10.41	138	133144	46.71	nq	# 73
62) Azobenzene	10.54	77	619902	48.17	nq	91
65) n-Nitrosodiphenylamine	10.51	169	430103	53.88	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	139438	52.98	nq	# 89
67) Hexachlorobenzene	10.94	284	143710	47.17	nq	94
68) Atrazine	11.04	200	119278	49.76	nq	96
69) Pentachlorophenol	11.14	266	150189	93.51	nq	98
70) Phenanthrene	11.34	178	661664	49.36	nq	100
71) Anthracene	11.40	178	741769	51.85	nq	100
72) Carbazole	11.56	167	682455	53.83	nq	99
73) Di-n-butylphthalate	11.89	149	777555	54.14	nq	99
74) Fluoranthene	12.53	202	743207	54.93	nq	98
76) Benzidine	12.66	184	188129	20.41	nq	96
77) Pyrene	12.76	202	769960	39.83	nq	99
79) Butylbenzylphthalate	13.39	149	369146	44.10	nq	92
80) Benzo(a)anthracene	13.95	228	687441	48.07	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	213585	22.34	nq	# 97
82) Chrysene	13.99	228	651551	41.91	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	516841	49.74	nq	98
84) Di-n-octyl phthalate	14.56	149	916508	56.32	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.73	276	476015	41.33	nq	97
87) Benzo(b)fluoranthene	14.97	252	1223551	104.69	nq	98
88) Benzo(k)fluoranthene	14.97	252	1223551	100.36	nq	99
89) Benzo(a)pyrene	15.31	252	529908	48.02	nq	99
90) Dibenzo(a,h)anthracene	16.74	278	412467	45.68	nq	100
91) Benzo(g,h,i)perylene	17.14	276	382320	42.25	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086457.D

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BNA_F

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RICHMOND-AMBOY-SB09(0.5-6.0)M

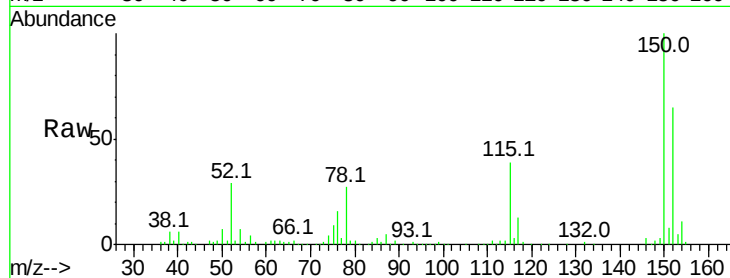
Tot Ion:152 Resp: 122698

Ion Ratio Lower Upper

152 100

150 154.9 125.8 188.6

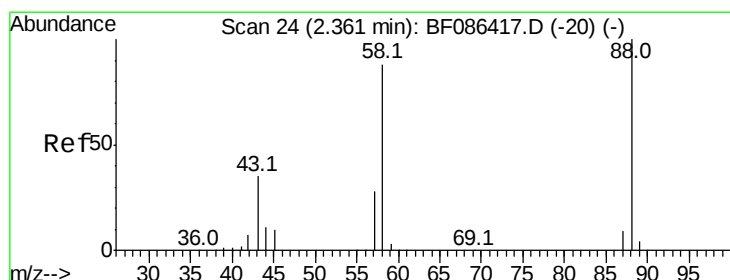
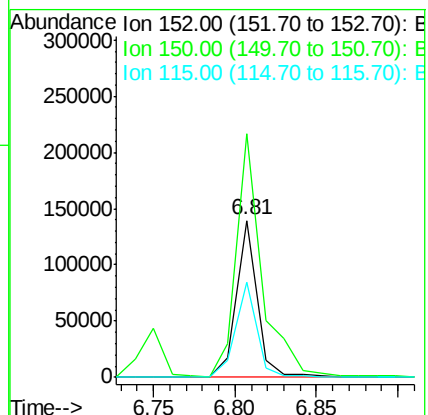
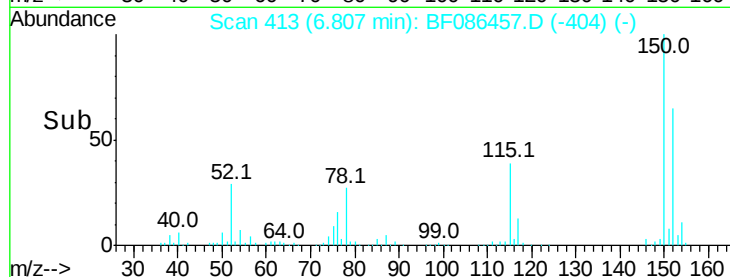
115 60.6 51.5 77.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.42 ng

RT: 2.42 min Scan# 29

Delta R.T. 0.06 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

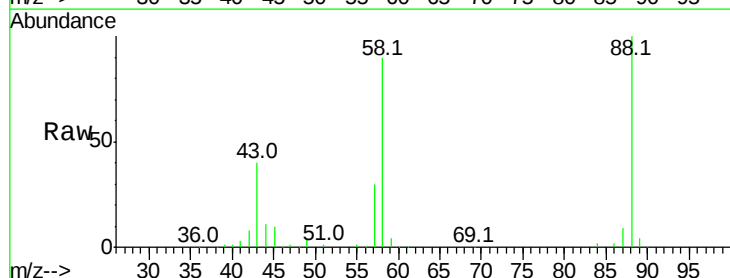
Tgt Ion: 88 Resp: 154762

Ion Ratio Lower Upper

88 100

58 90.8 59.6 89.4#

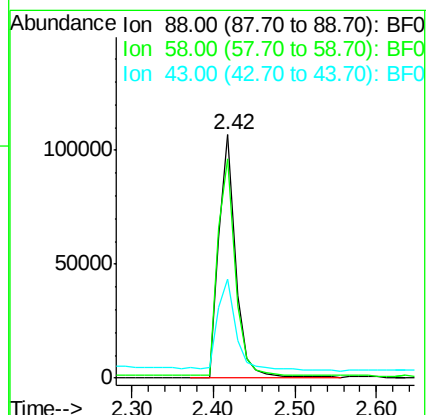
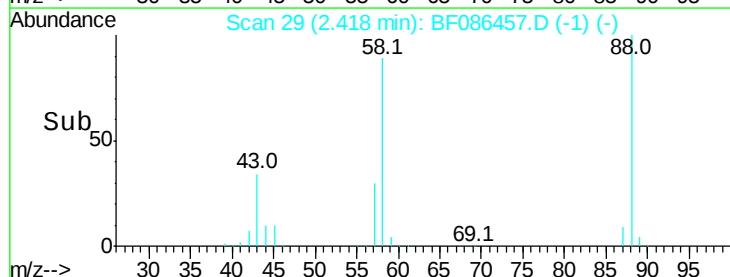
43 41.5 21.8 32.6#

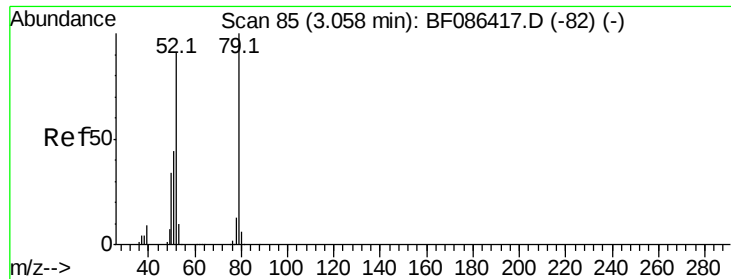


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

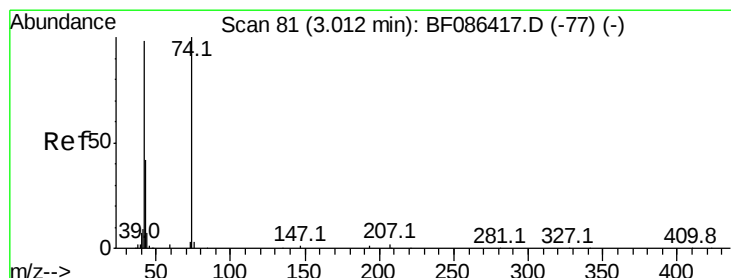
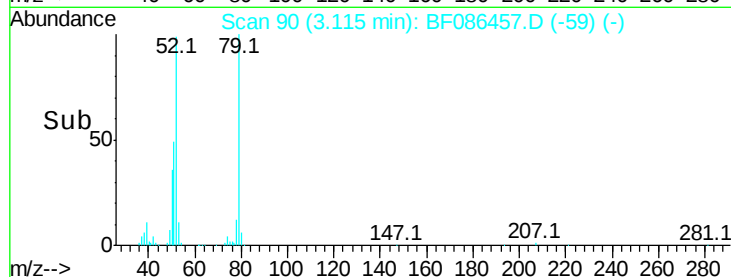
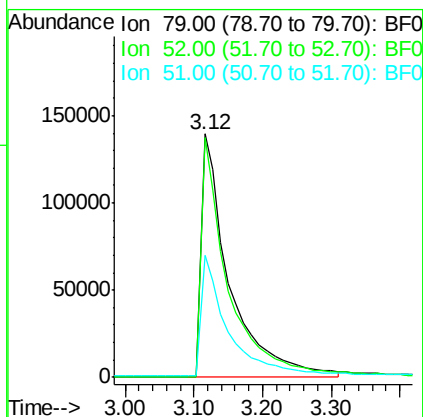
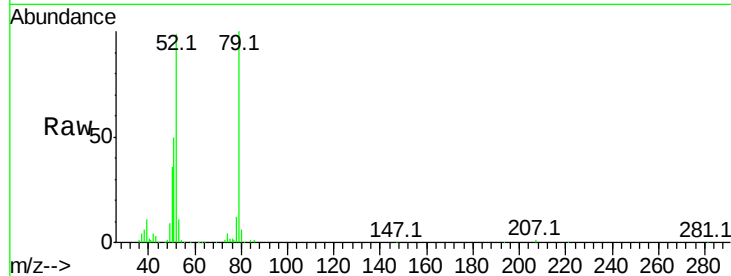




#3
 Pvridine
 Concen: 44.83 ng
 RT: 3.12 min Scan# 90
 Delta R.T. 0.06 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

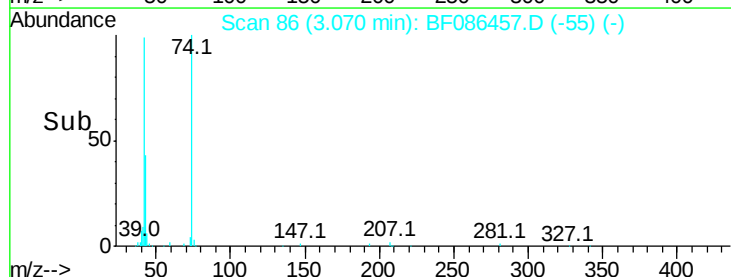
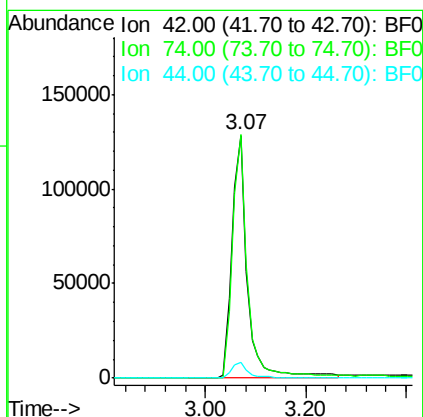
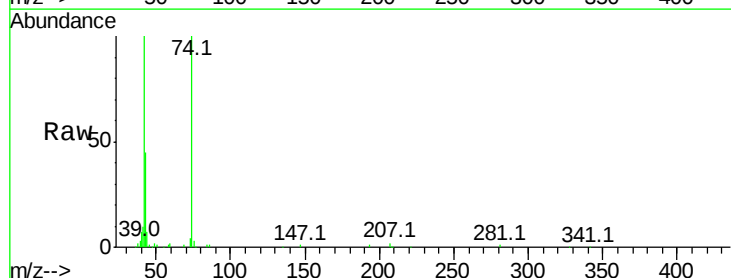
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 RICHMOND-AMBOY-SB09(0.5-6.0)M

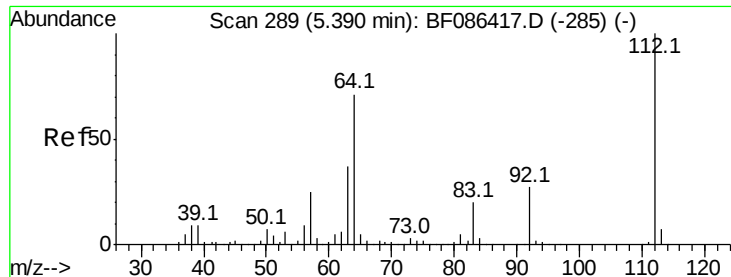
Tot Ion: 79 Resp: 396492
 Ion Ratio Lower Upper
 79 100
 52 98.7 55.9 83.9#
 51 49.9 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 53.37 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.06 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion: 42 Resp: 269018
 Ion Ratio Lower Upper
 42 100
 74 100.2 123.4 185.0#
 44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 150.67 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

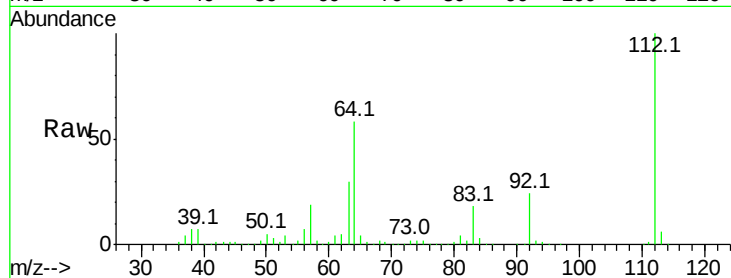
Tot Ion:112 Resp: 1071750

Ion Ratio Lower Upper

112 100

64 57.7 52.1 78.1

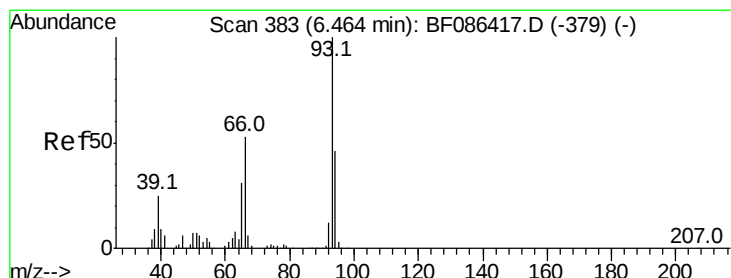
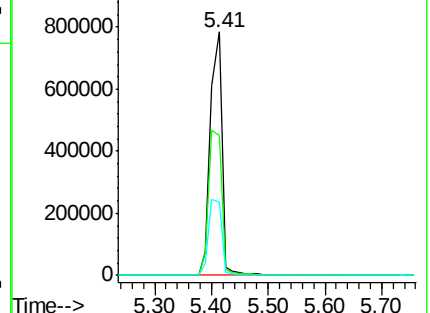
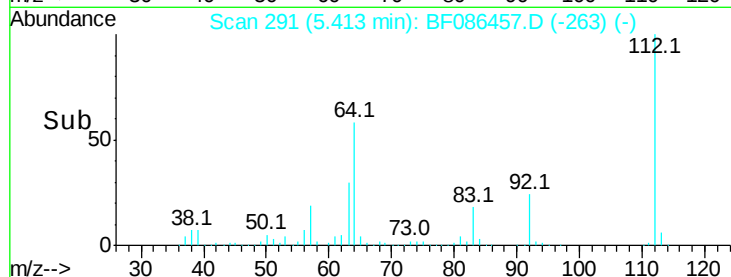
63 30.3 25.7 38.5



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: 22.87 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

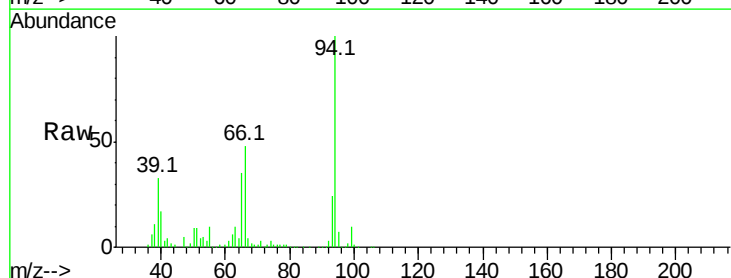
Tgt Ion: 93 Resp: 274758

Ion Ratio Lower Upper

93 100

66 198.6 39.0 58.6#

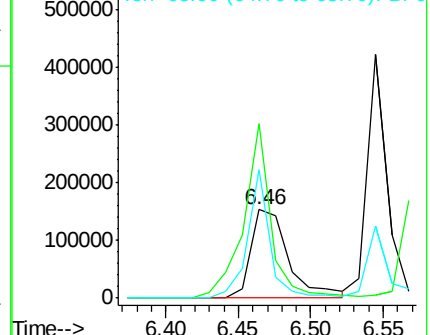
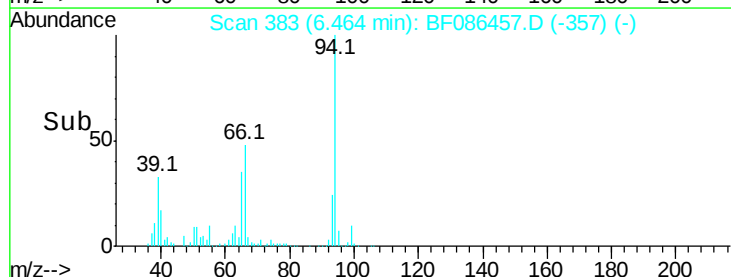
65 145.4 20.6 31.0#

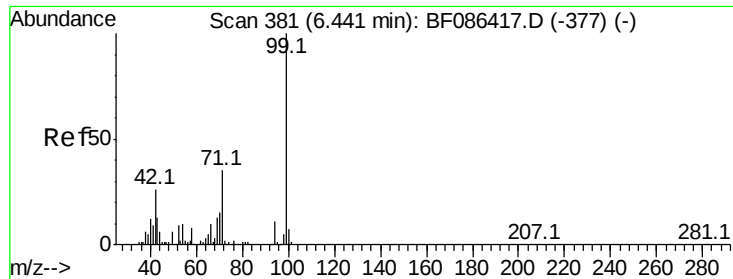


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 134.46 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

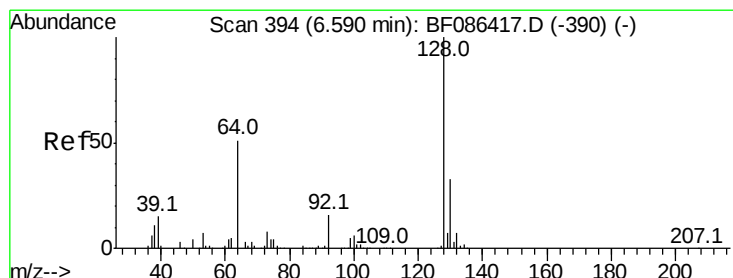
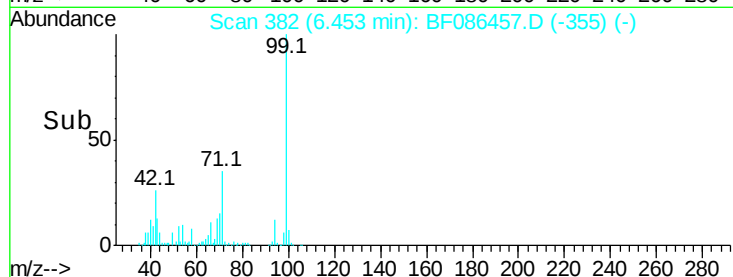
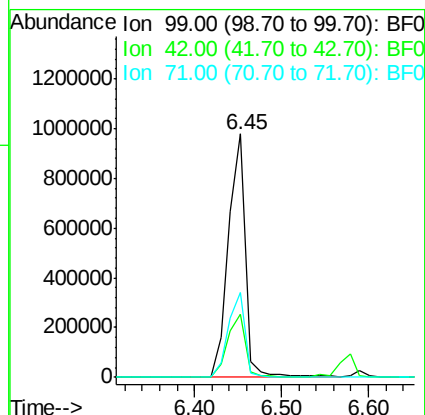
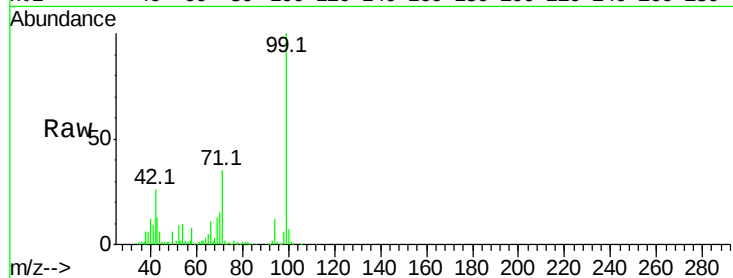
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Tot Ion: 99 Resp: 1334919

Ion	Ratio	Lower	Upper
99	100		
42	26.1	13.6	20.4#
71	34.9	24.6	36.8



#8

2-Chlorophenol

Concen: 42.97 ng

RT: 6.59 min Scan# 394

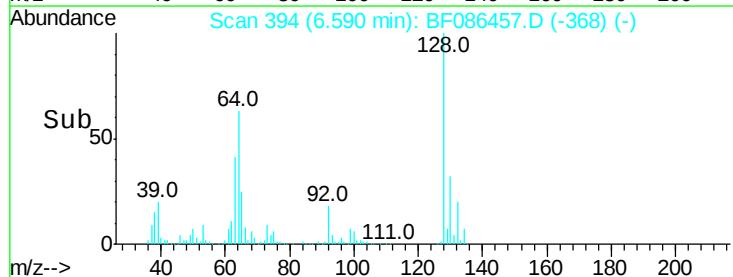
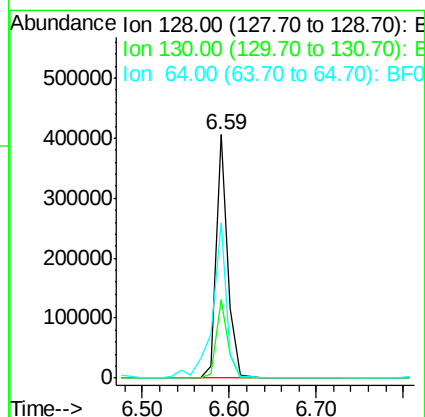
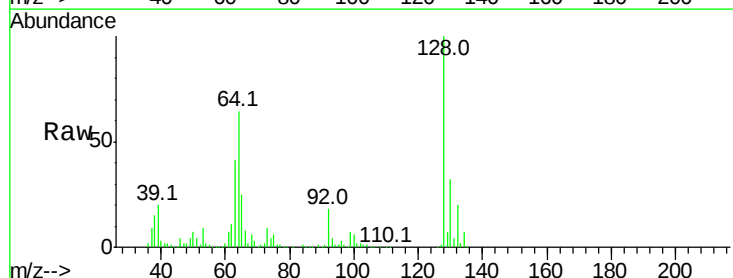
Delta R.T. 0.00 min

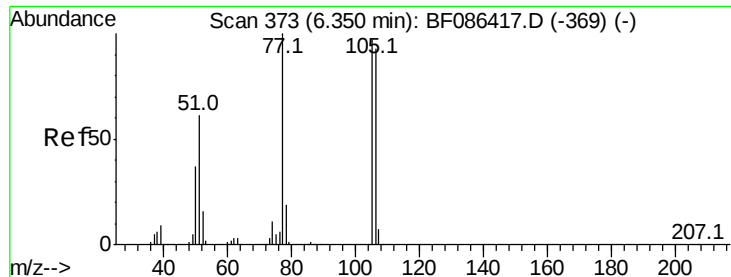
Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Tgt Ion: 128 Resp: 380690

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	63.5	27.3	67.3





#9

Benzaldehyde

Concen: 11.61 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

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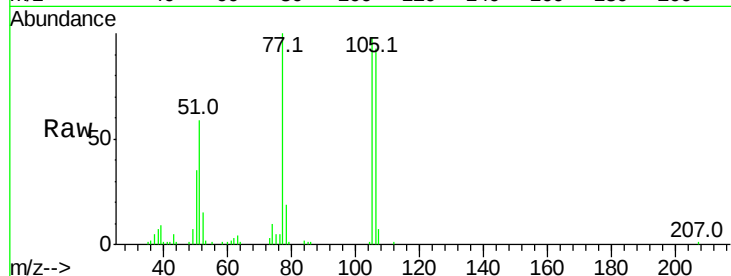
Tot Ion: 77 Resp: 67063

Ion Ratio Lower Upper

77 100

105 98.0 72.7 112.7

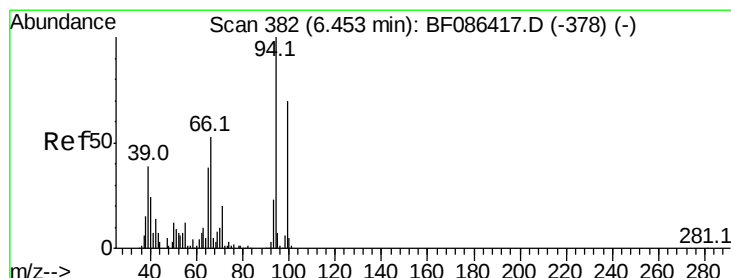
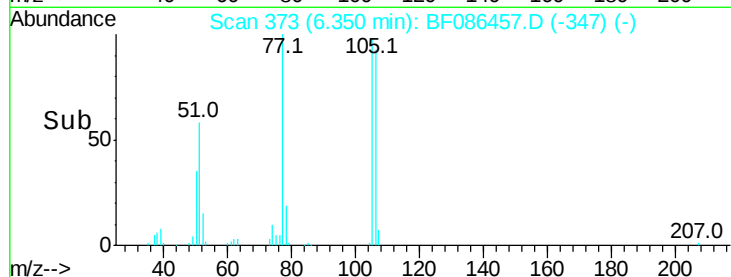
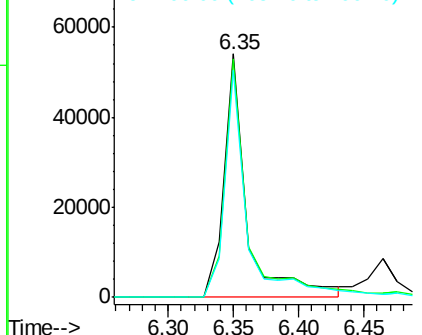
106 93.1 70.8 110.8



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: 51.82 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

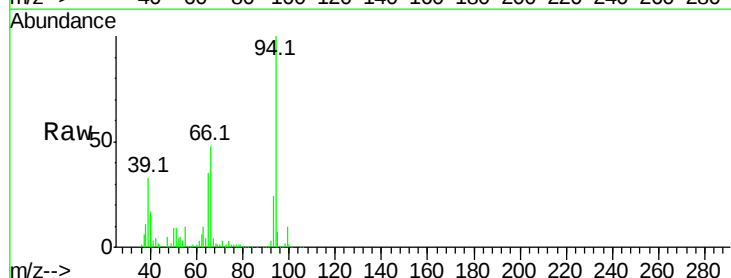
Tgt Ion: 94 Resp: 573969

Ion Ratio Lower Upper

94 100

65 35.0 7.2 47.2

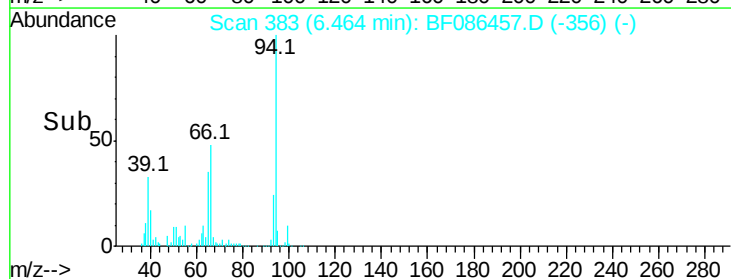
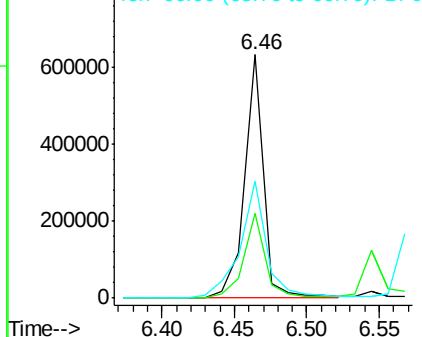
66 47.8 14.9 54.9

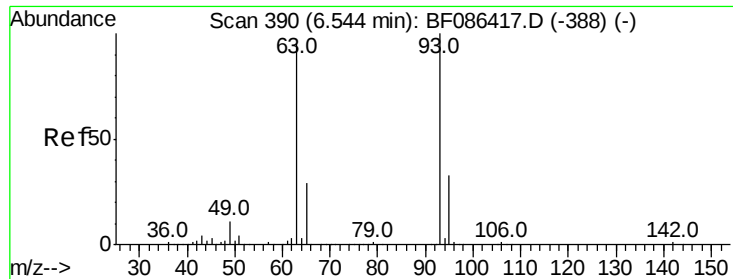


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 44.62 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

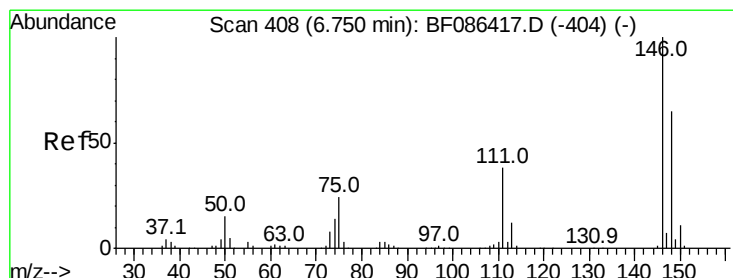
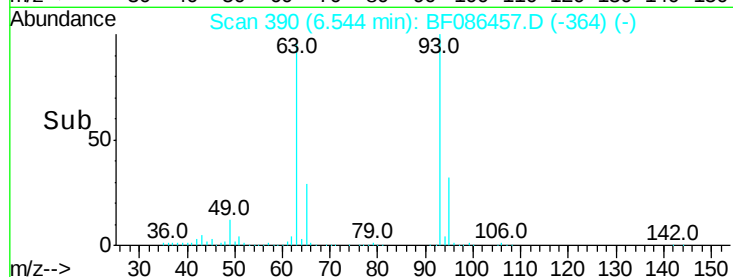
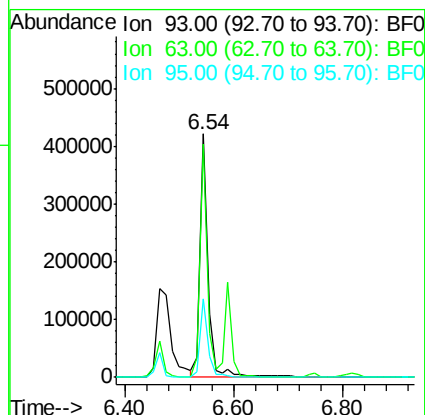
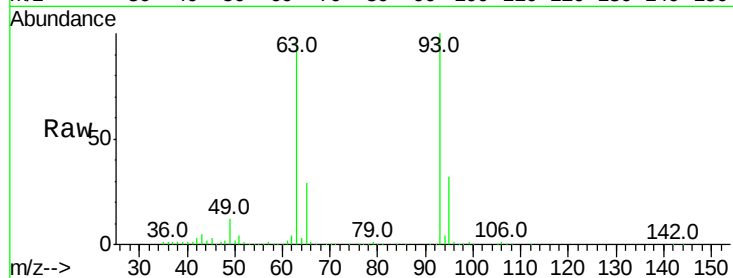
Tot Ion: 93 Resp: 427304

Ion Ratio Lower Upper

93 100

63 95.7 58.0 98.0

95 32.3 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 44.65 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

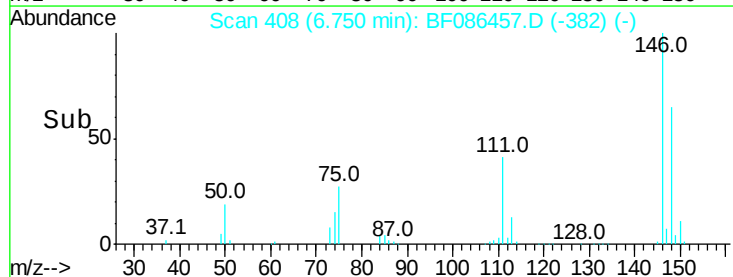
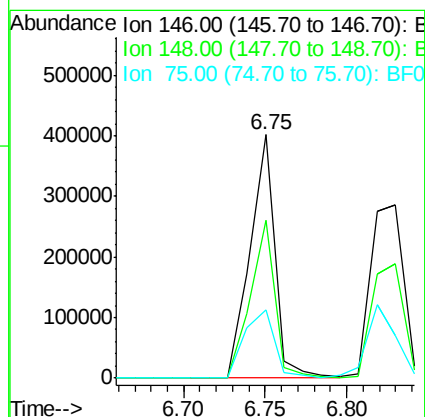
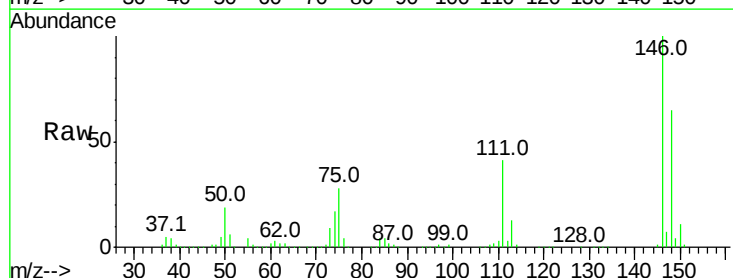
Tgt Ion: 146 Resp: 425550

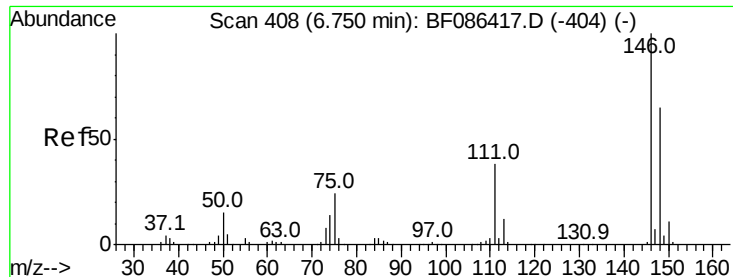
Ion Ratio Lower Upper

146 100

148 64.6 52.4 78.6

75 28.0 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 43.09 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

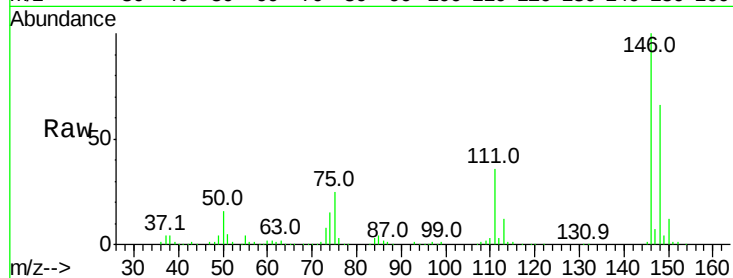
Tot Ion:146 Resp: 423724

Ion Ratio Lower Upper

146 100

148 65.8 52.2 78.4

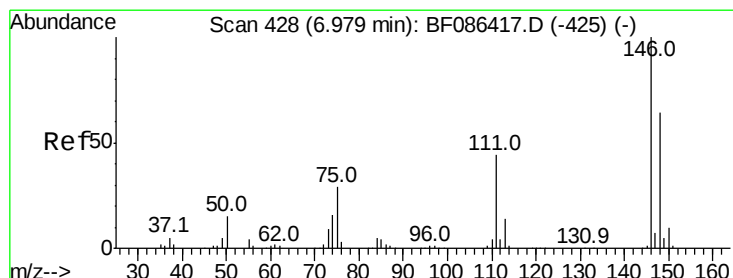
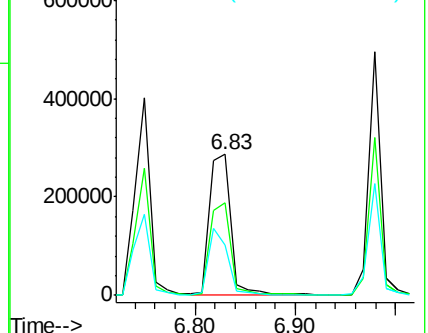
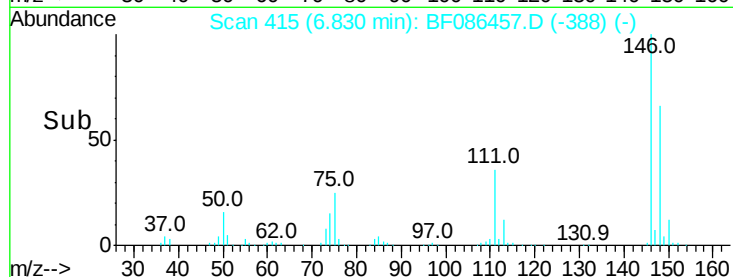
111 36.0 30.7 46.1



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: 46.62 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

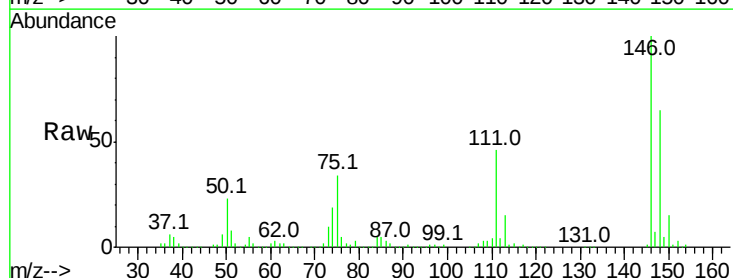
Tgt Ion:146 Resp: 420436

Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

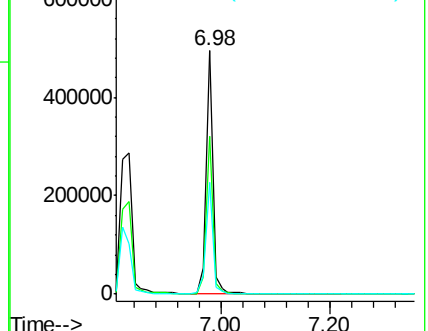
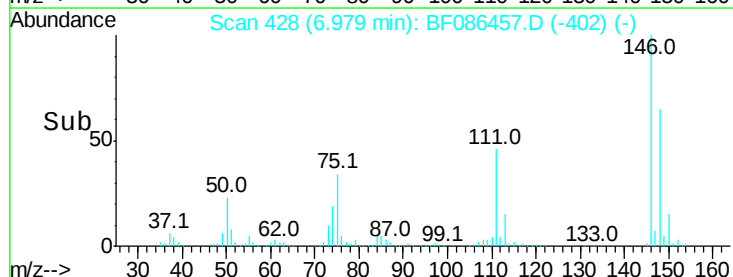
111 45.7 36.2 54.4

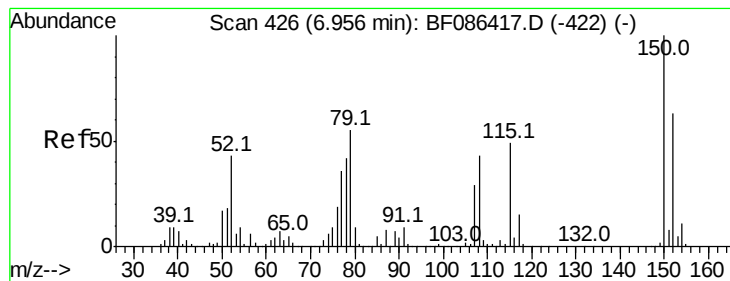


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.55 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

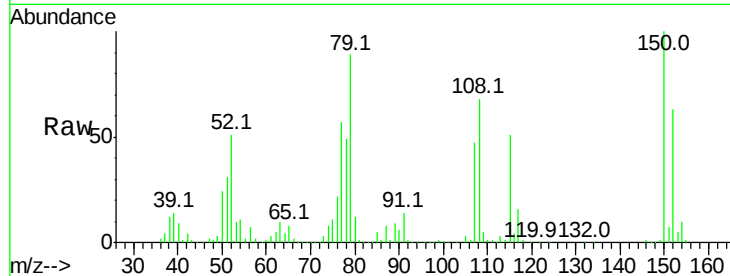
Tot Ion: 79 Resp: 348893

Ion Ratio Lower Upper

79 100

108 75.8 68.4 102.6

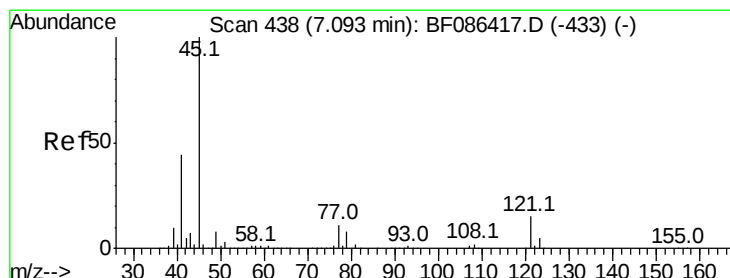
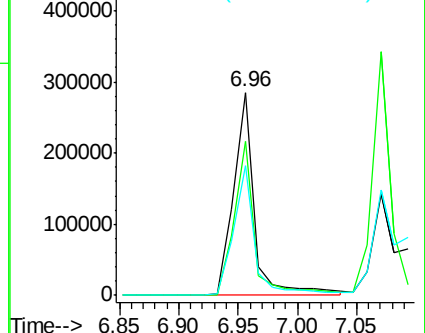
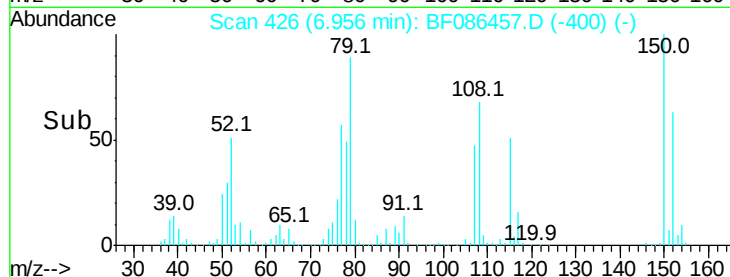
77 64.0 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.41 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

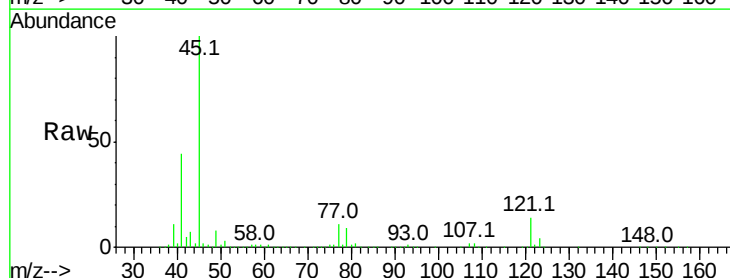
Tgt Ion: 45 Resp: 889596

Ion Ratio Lower Upper

45 100

77 10.7 0.0 36.4

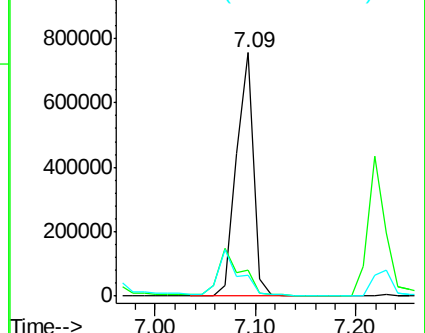
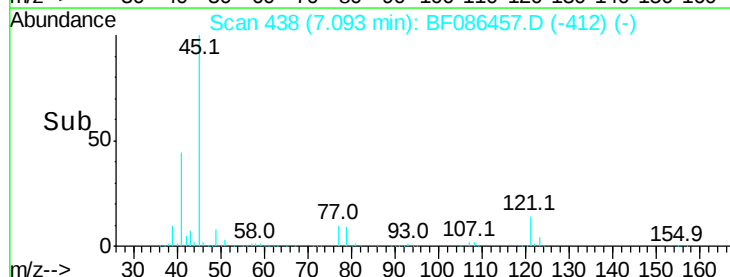
79 8.7 0.0 33.4

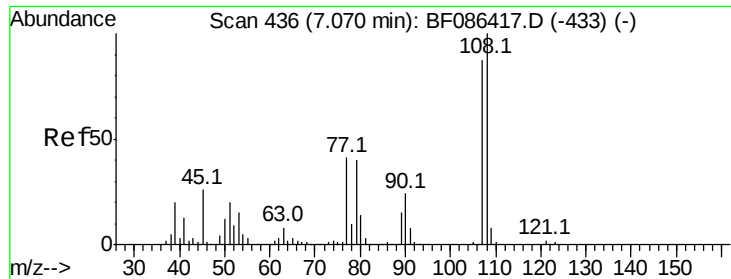


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

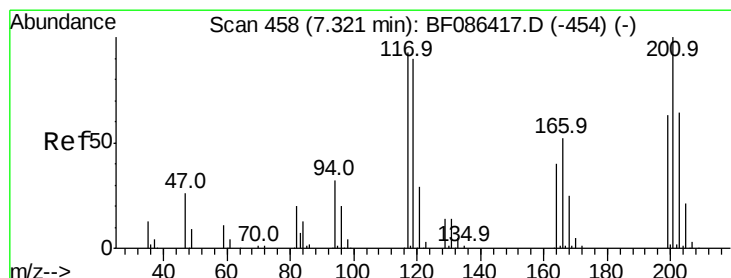
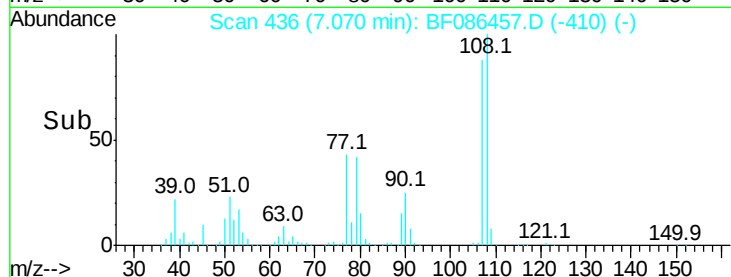
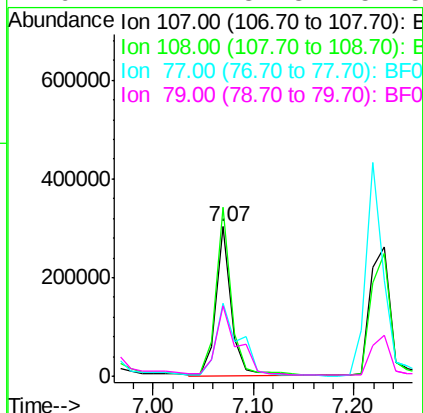
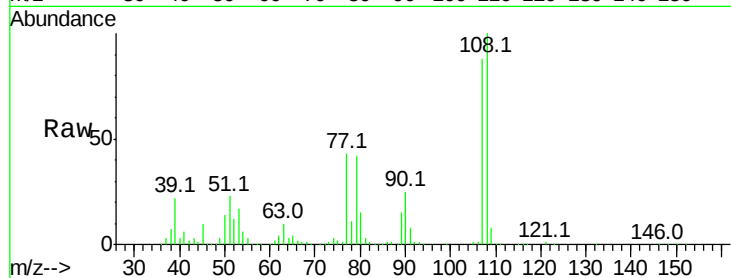




#17
2-Methylphenol
Concen: 44.92 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

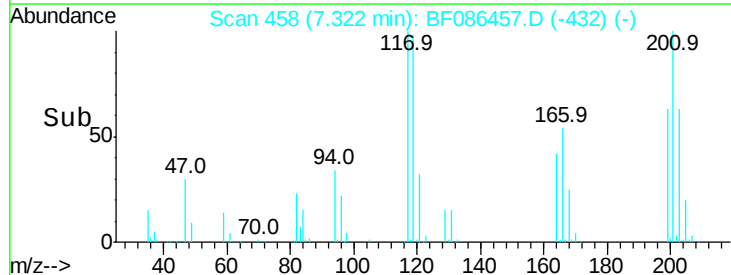
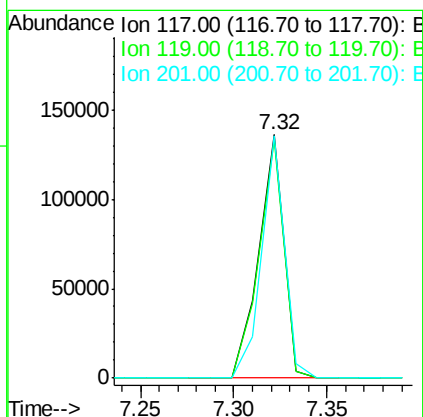
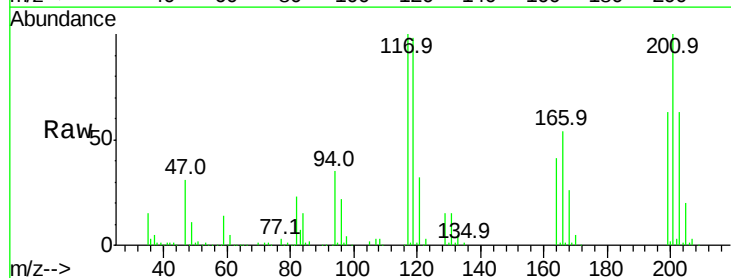
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

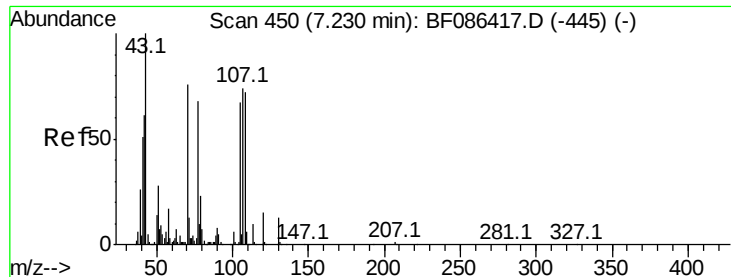
Tot Ion:107 Resp: 321655
Ion Ratio Lower Upper
107 100
108 113.0 93.7 140.5
77 48.8 33.4 50.0
79 47.2 34.3 51.5



#18
Hexachloroethane
Concen: 34.21 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:117 Resp: 125698
Ion Ratio Lower Upper
117 100
119 98.1 76.5 114.7
201 99.7 63.0 94.6#

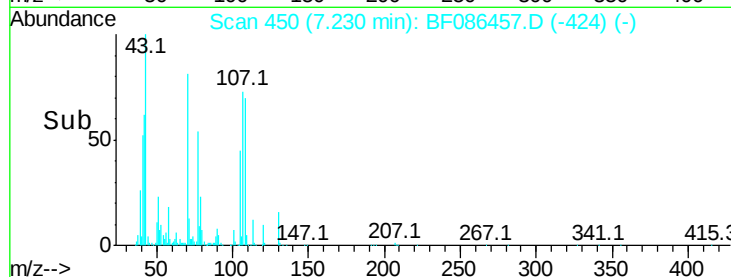
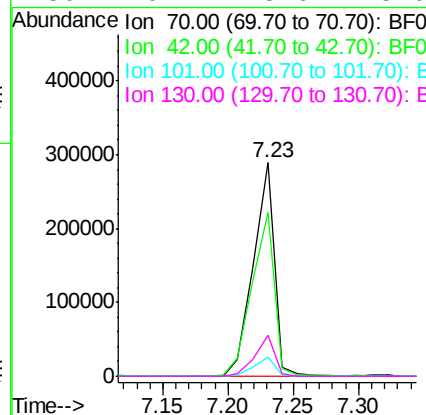
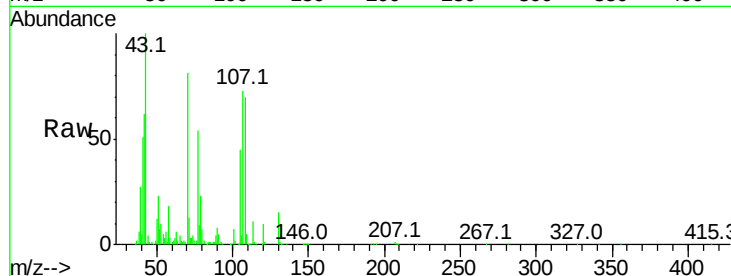




#19
n-Nitroso-di-n-propylamine
Concen: 49.73 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

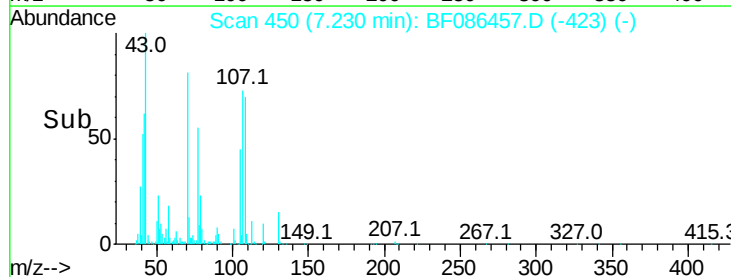
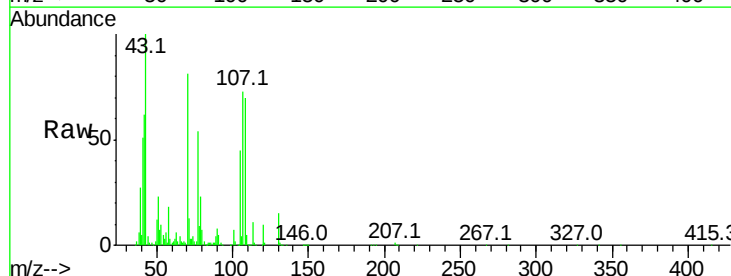
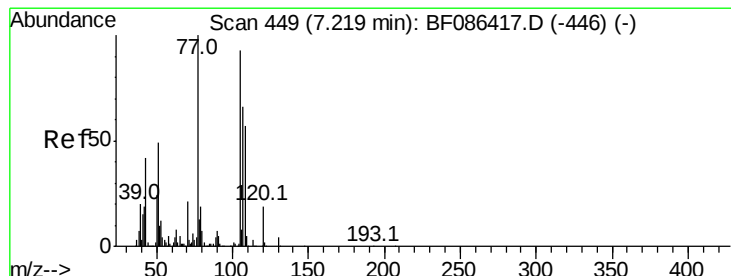
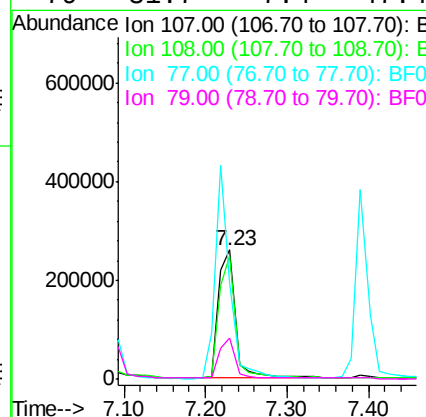
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

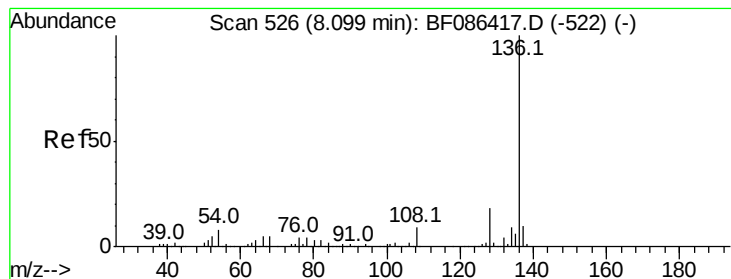
Tot Ion: 70 Resp: 326330
Ion Ratio Lower Upper
70 100
42 76.7 43.1 64.7#
101 9.1 8.1 12.1
130 19.1 18.6 28.0



#20
3+4-Methylphenols
Concen: 46.64 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:107 Resp: 381346
Ion Ratio Lower Upper
107 100
108 96.0 68.5 108.5
77 74.7 101.6 141.6#
79 31.7 7.4 47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:136 Resp: 440122

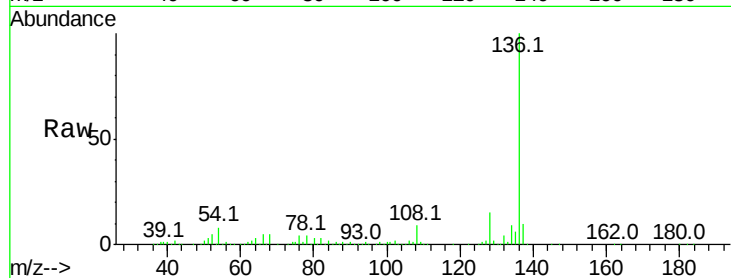
Ion Ratio Lower Upper

136 100

137 10.2 8.8 13.2

54 8.4 5.0 7.4#

68 5.2 4.4 6.6

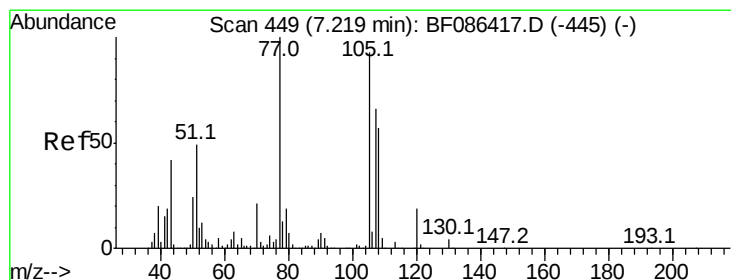
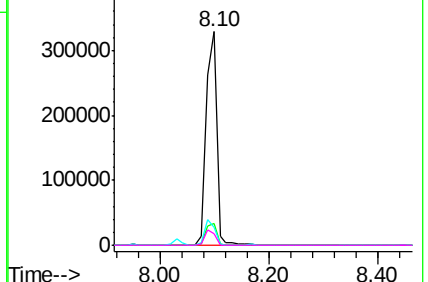
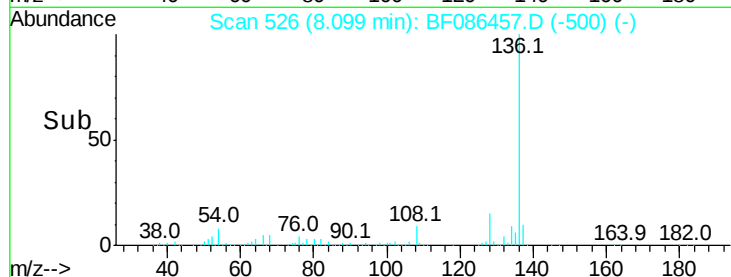


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 55.65 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Tgt Ion:105 Resp: 537071

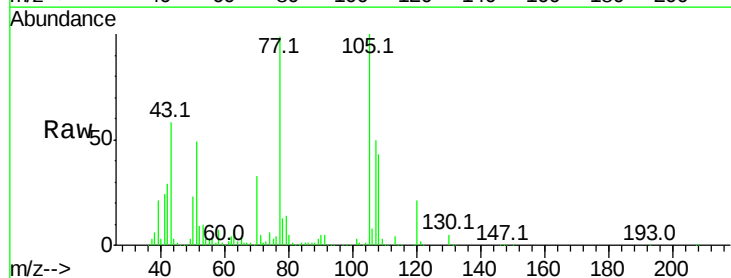
Ion Ratio Lower Upper

105 100

71 5.4 4.8 7.2

51 49.0 32.6 49.0#

120 21.0 16.5 24.7

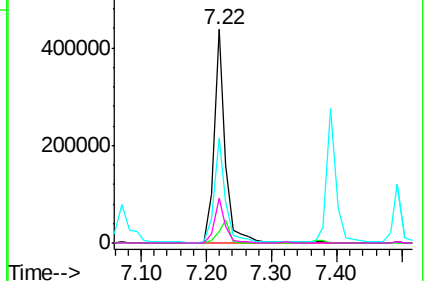
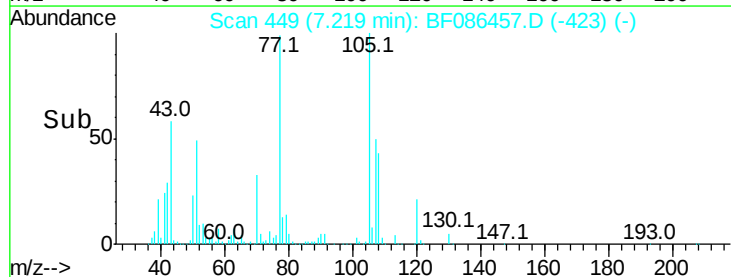


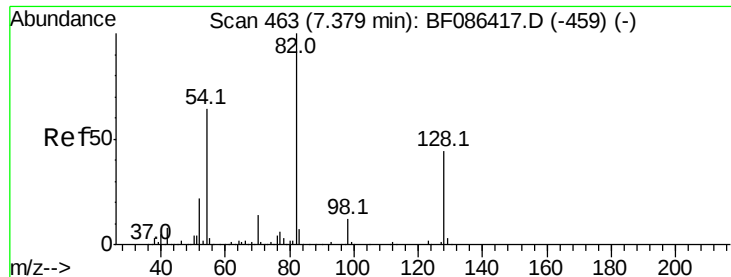
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 102.72 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

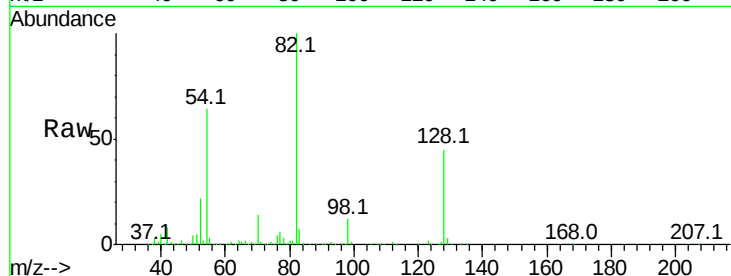
Tot Ion: 82 Resp: 838721

Ion Ratio Lower Upper

82 100

128 45.4 40.6 61.0

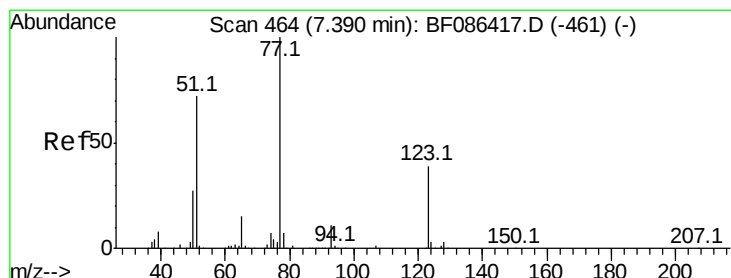
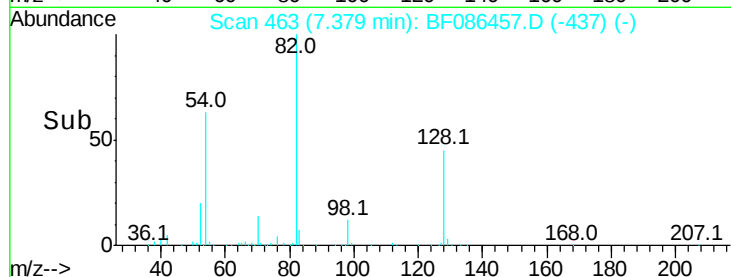
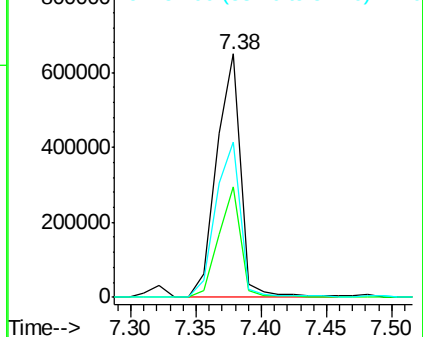
54 63.5 38.1 57.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 46.94 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

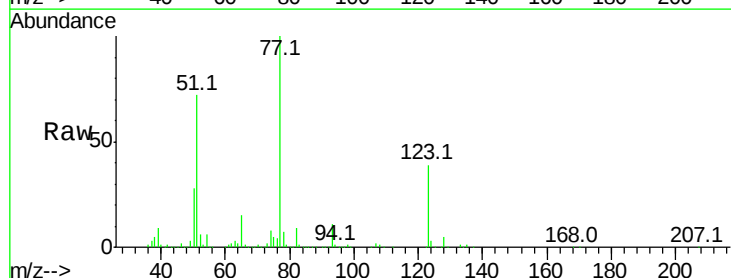
Tgt Ion: 77 Resp: 394302

Ion Ratio Lower Upper

77 100

123 38.8 33.0 49.4

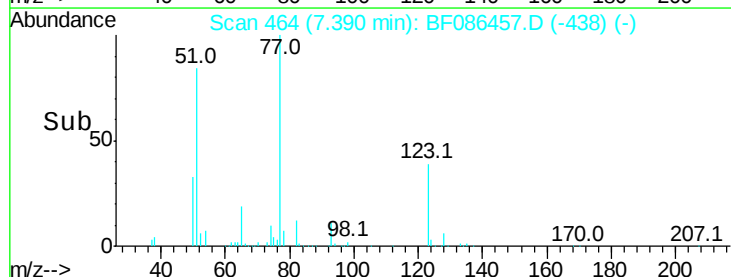
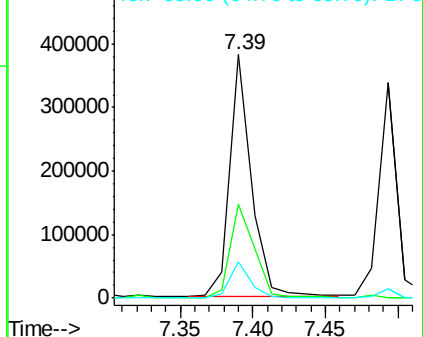
65 15.0 10.8 16.2

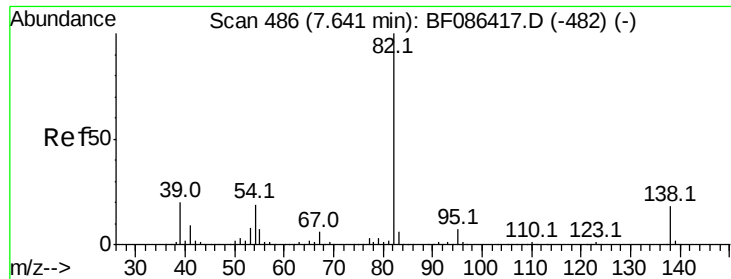


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.30 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

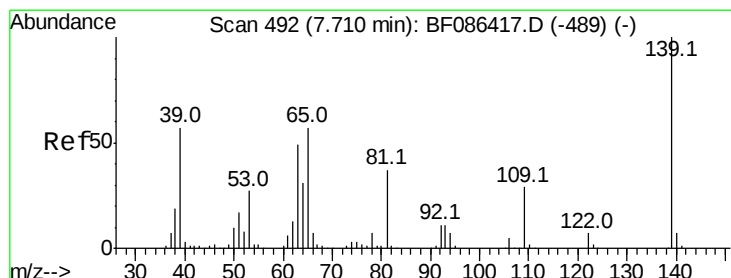
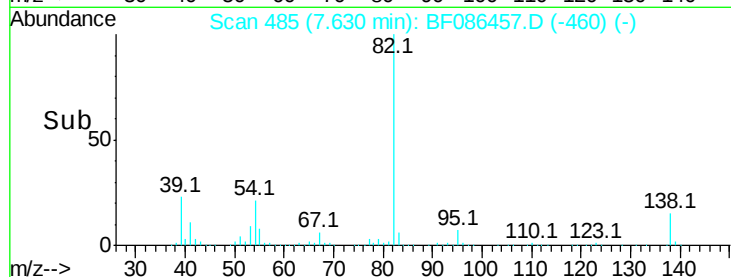
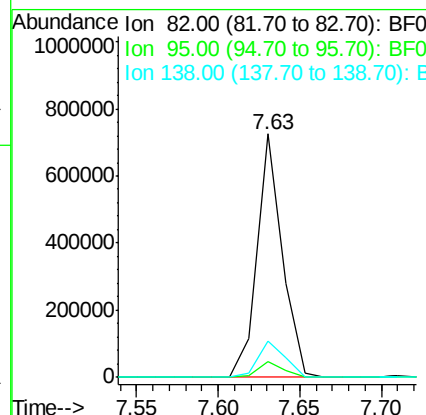
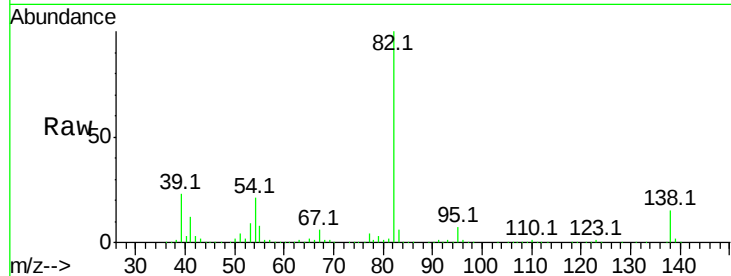
Tot Ion: 82 Resp: 774675

Ion Ratio Lower Upper

82 100

95 6.6 5.1 7.7

138 14.7 12.4 18.6



#26

2-Nitrophenol

Concen: 30.48 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

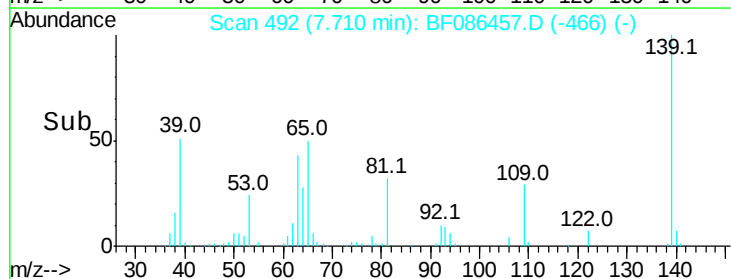
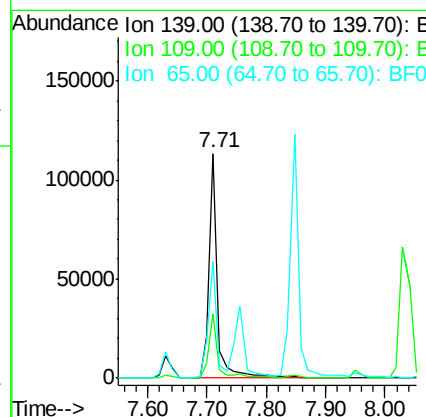
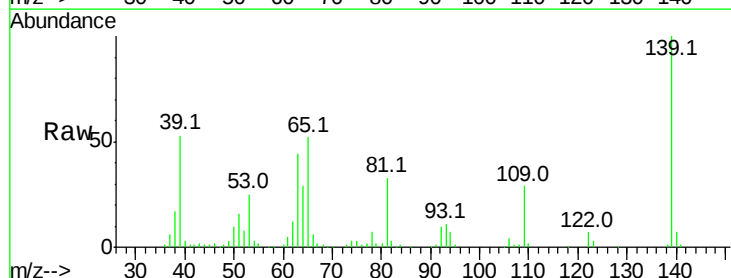
Tgt Ion: 139 Resp: 117873

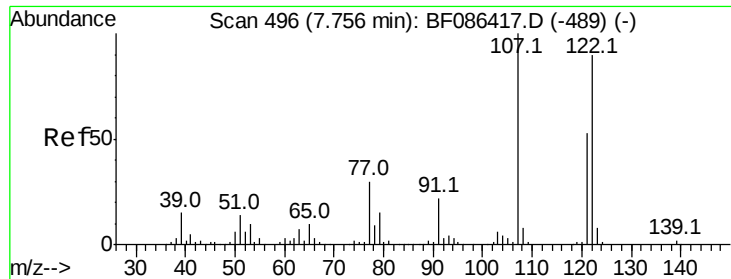
Ion Ratio Lower Upper

139 100

109 28.8 19.5 29.3

65 52.3 37.5 56.3

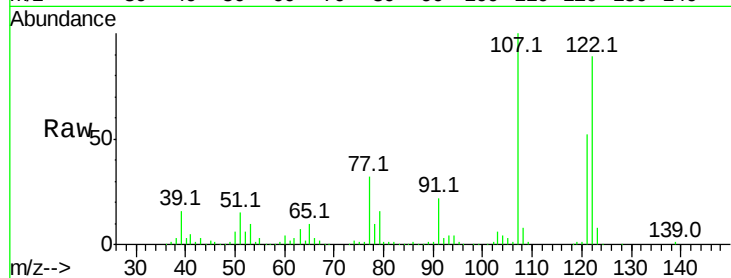




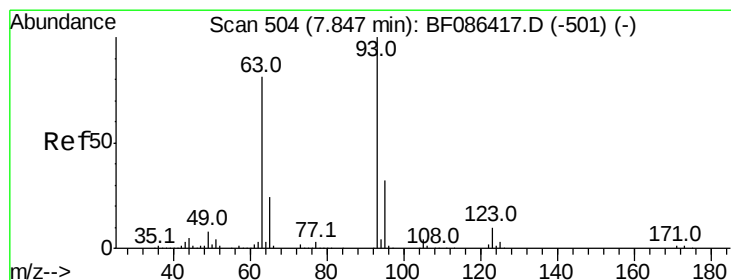
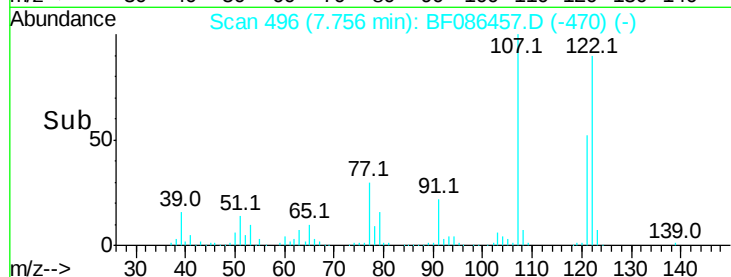
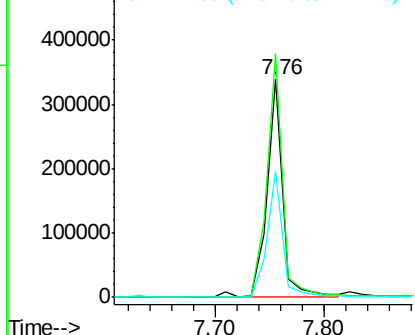
#27
 2,4-Dimethylphenol
 Concen: 51.49 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:122 Resp: 349388
 Ion Ratio Lower Upper
 122 100
 107 111.9 82.0 123.0
 121 58.0 46.1 69.1

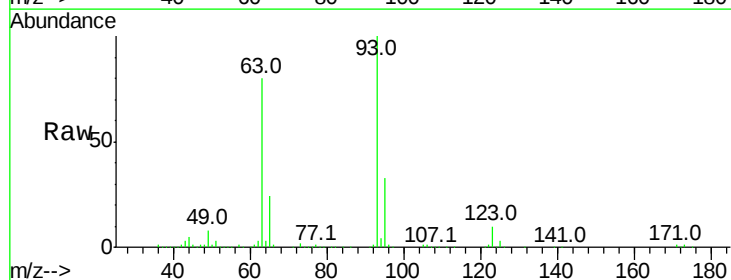


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

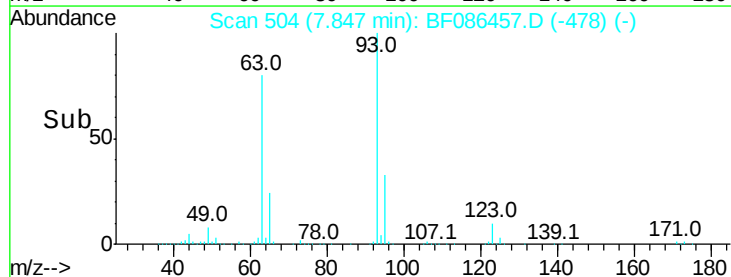
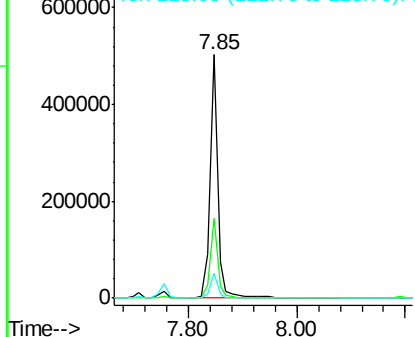


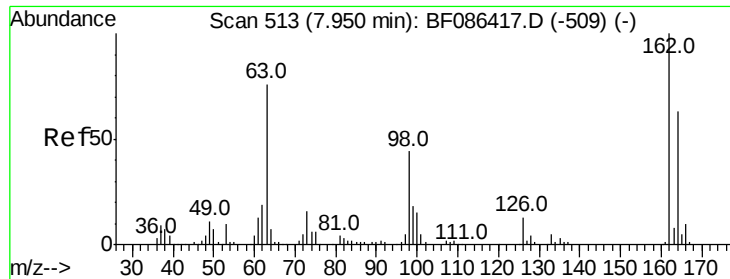
#28
 bis(2-Chloroethoxy)methane
 Concen: 57.78 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion: 93 Resp: 494627
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.0 39.0
 123 9.9 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

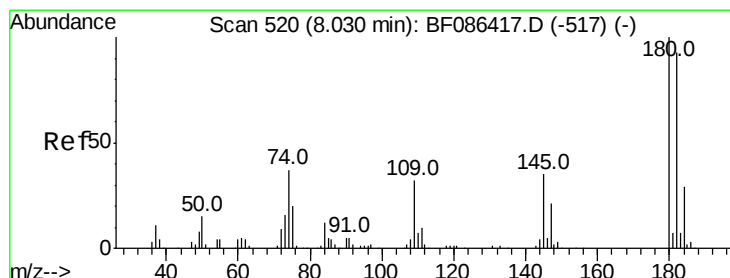
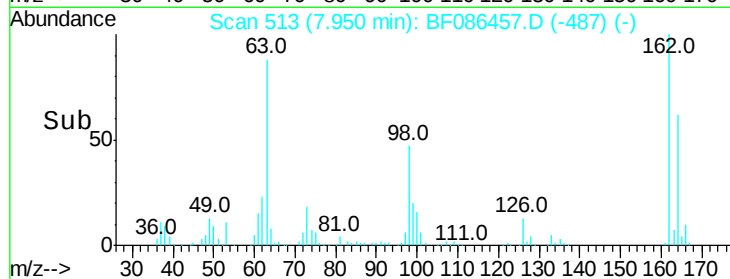
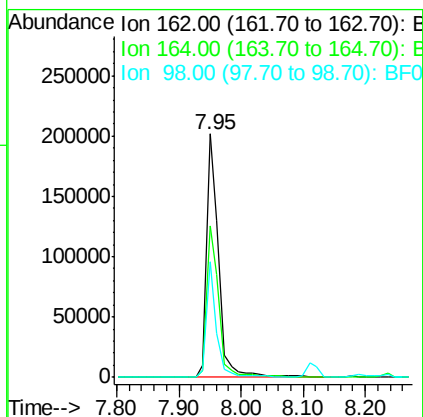
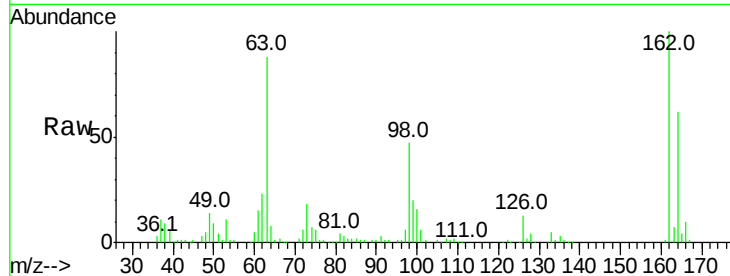




#29
 2,4-Dichlorophenol
 Concen: 47.22 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

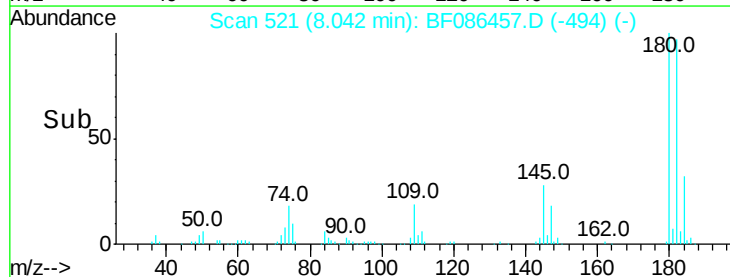
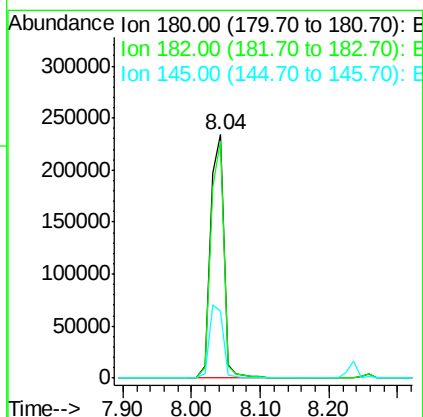
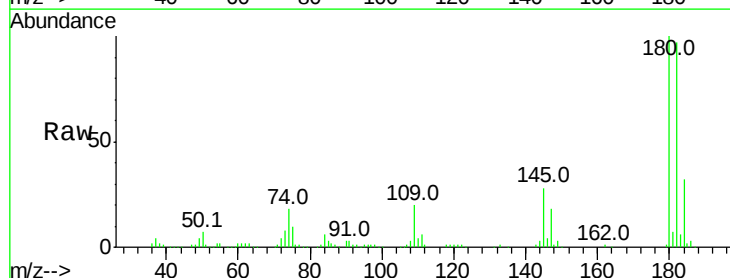
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

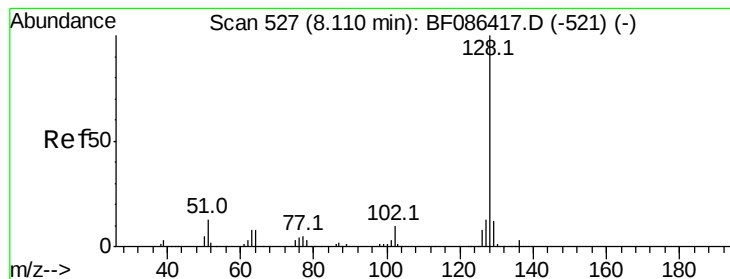
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.2	42.2	82.2
98	47.4	19.0	59.0



#30
 1,2,4-Trichlorobenzene
 Concen: 48.65 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.01 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.0	117.0
145	27.8	24.2	36.2





#31

Naphthalene

Concen: 47.55 ng

RT: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

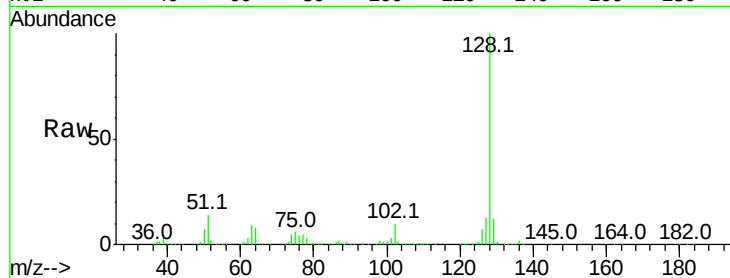
Tot Ion:128 Resp: 1064959

Ion Ratio Lower Upper

128 100

129 11.7 8.6 13.0

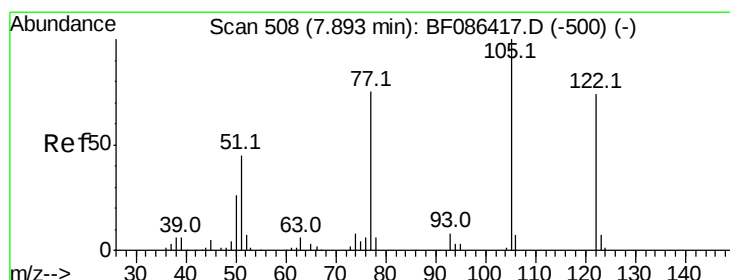
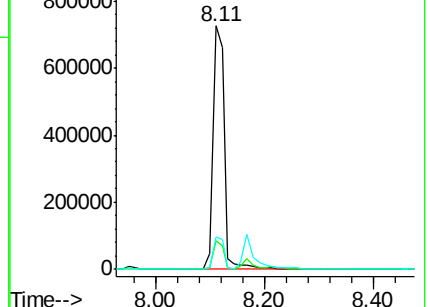
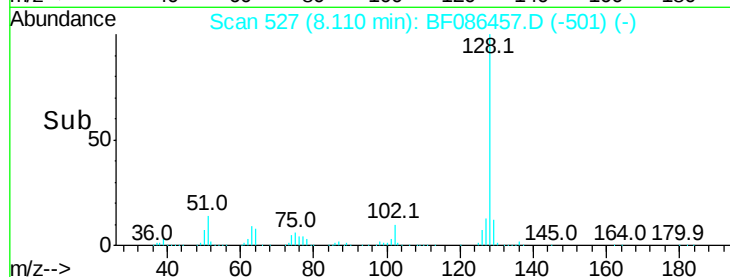
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 78.26 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.14 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

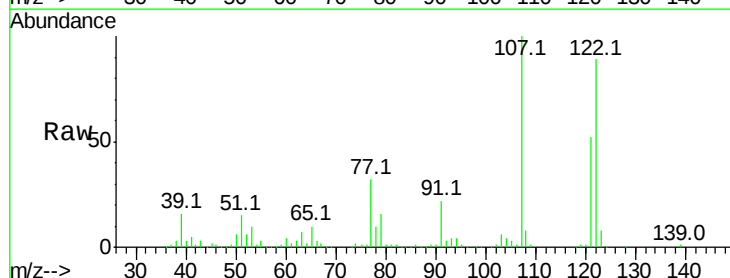
Tgt Ion:122 Resp: 349388

Ion Ratio Lower Upper

122 100

105 3.6 92.6 132.6#

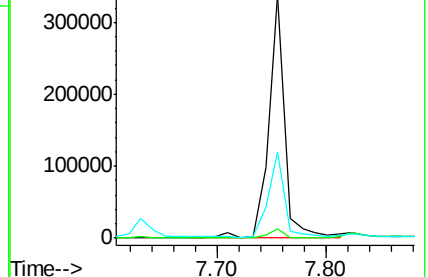
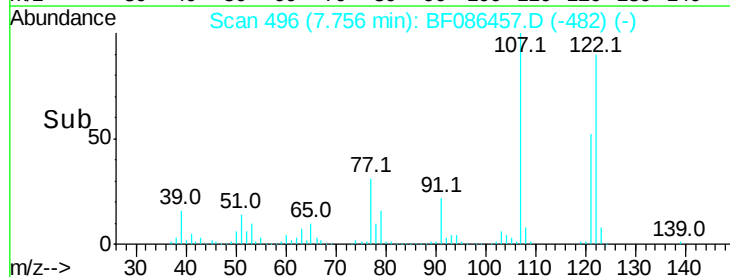
77 35.3 60.0 100.0#

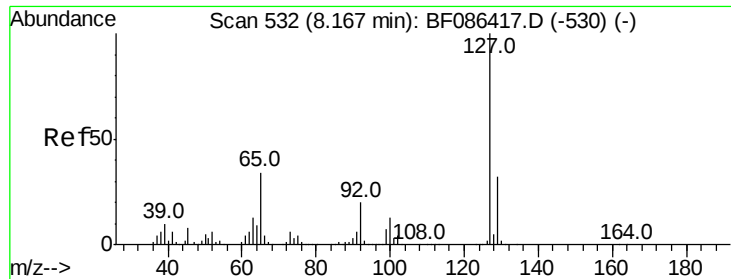


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

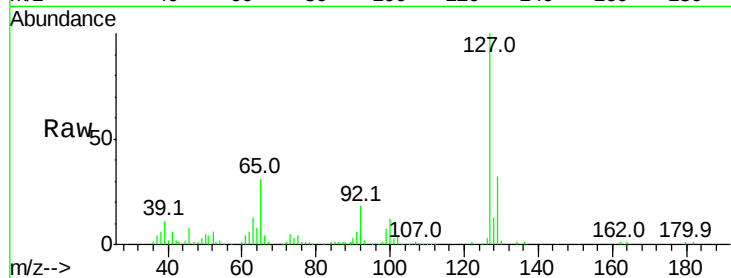




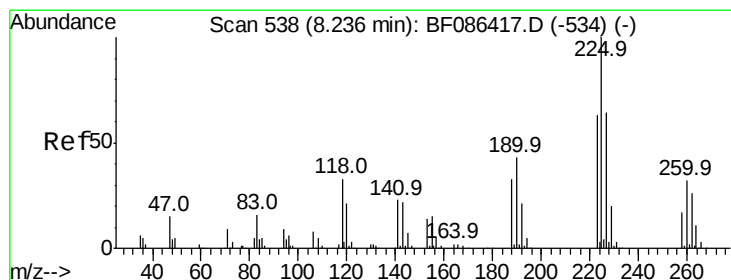
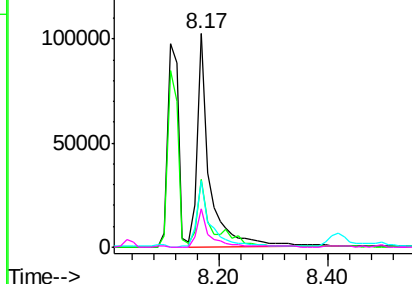
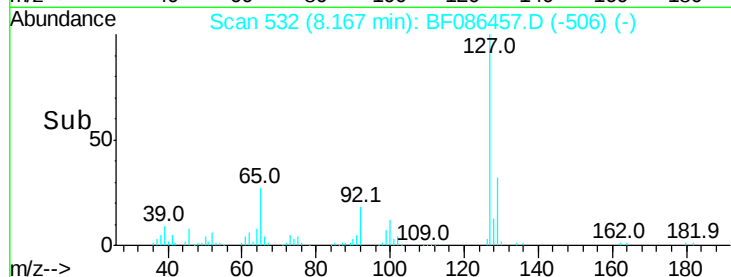
#33
 4-Chloroaniline
 Concen: 18.49 ng
 RT: 8.17 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:127	Resp:	155077
Ion Ratio	Lower	Upper
127	100	
129	32.0	26.2 39.4
65	31.1	23.0 34.4
92	17.7	15.1 22.7

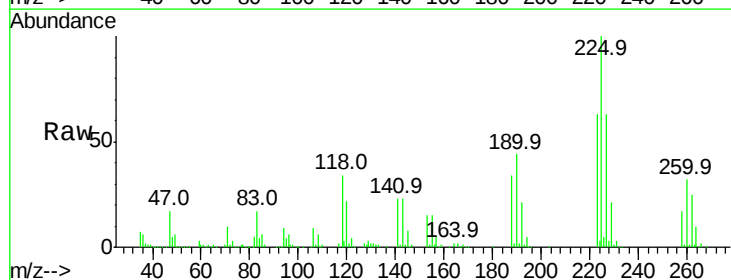


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

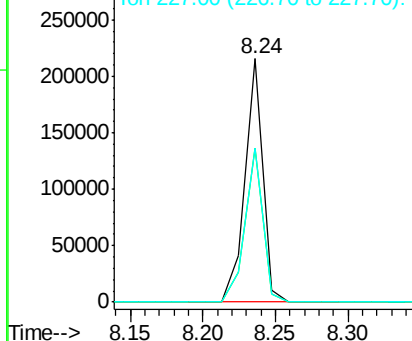
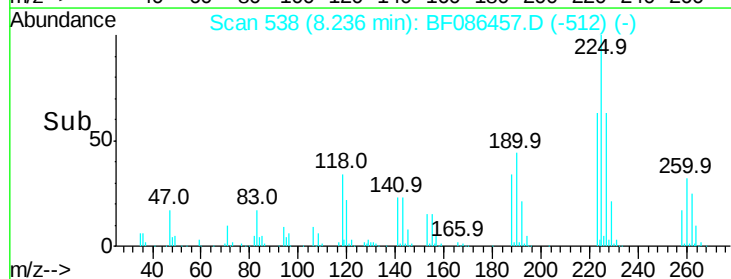


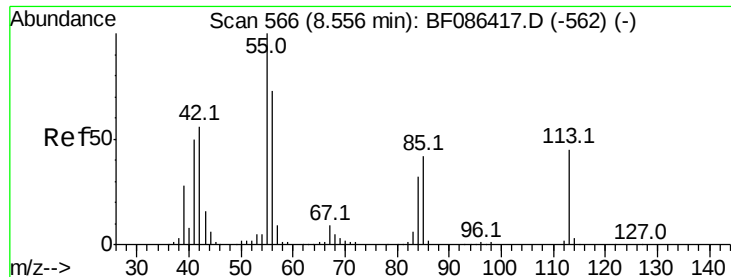
#34
 Hexachlorobutadiene
 Concen: 49.65 ng
 RT: 8.24 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion:225	Resp:	184862
Ion Ratio	Lower	Upper
225	100	
223	63.2	51.5 77.3
227	63.2	52.2 78.2



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





#35

Caprolactam

Concen: 39.60 ng

RT: 8.52 min Scan# 563

Delta R.T. -0.03 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

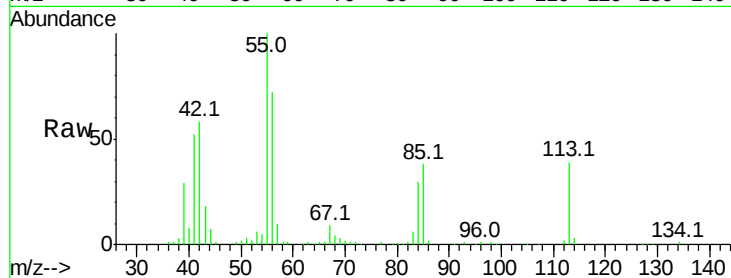
Tot Ion:113 Resp: 75627

Ion Ratio Lower Upper

113 100

55 254.0 162.0 202.0#

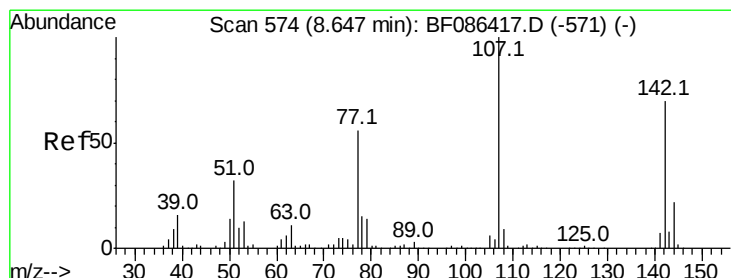
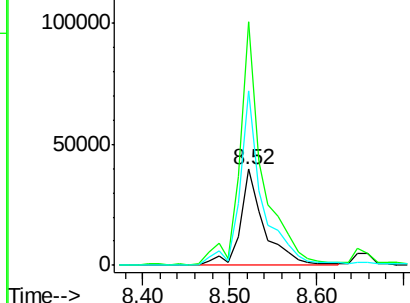
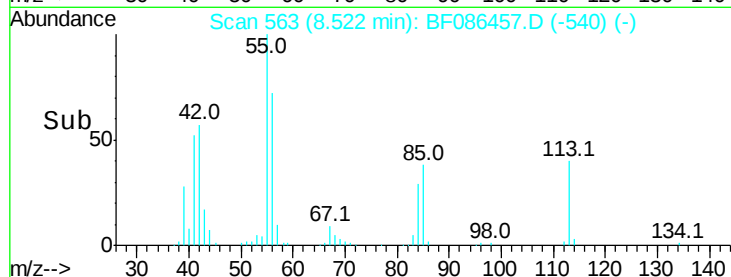
56 181.7 115.3 155.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.84 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

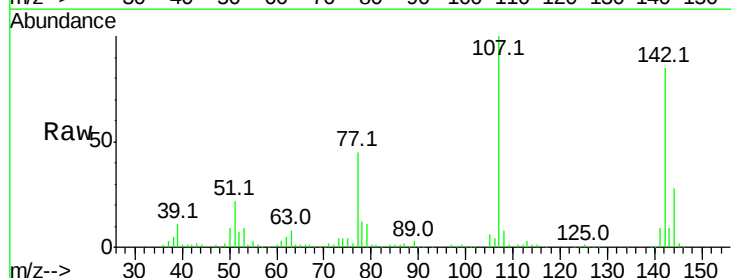
Tgt Ion:107 Resp: 280820

Ion Ratio Lower Upper

107 100

144 27.7 20.7 31.1

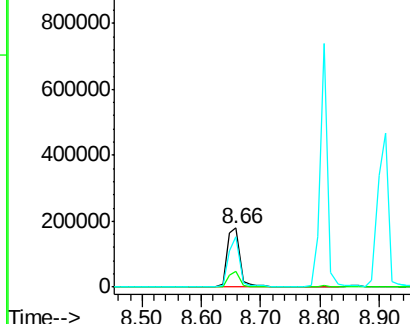
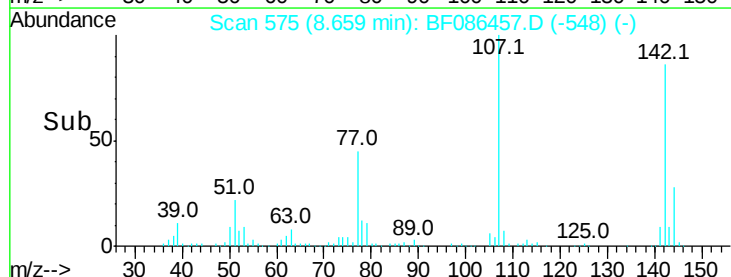
142 85.4 63.2 94.8

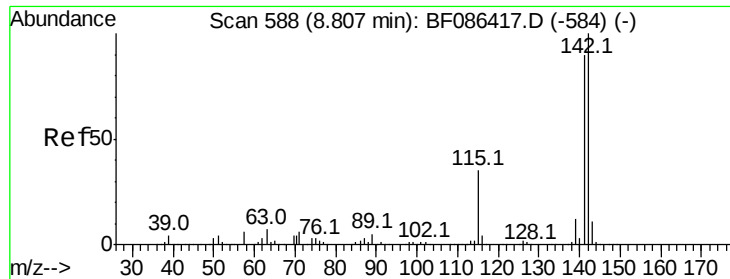


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

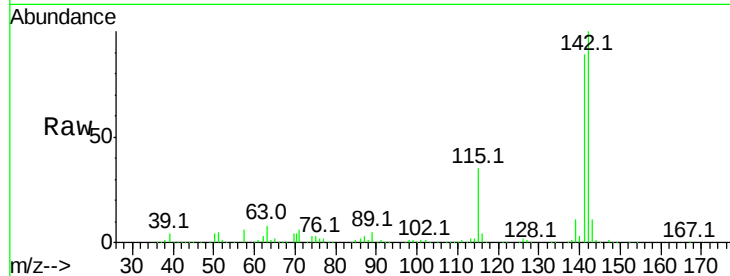




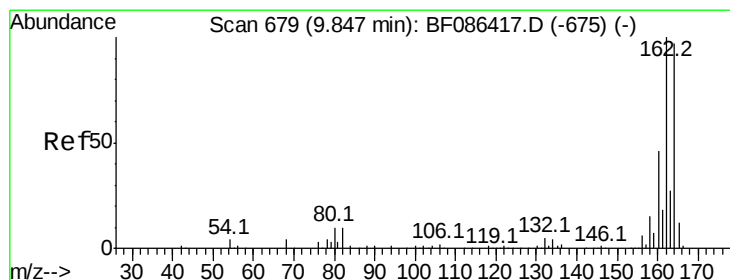
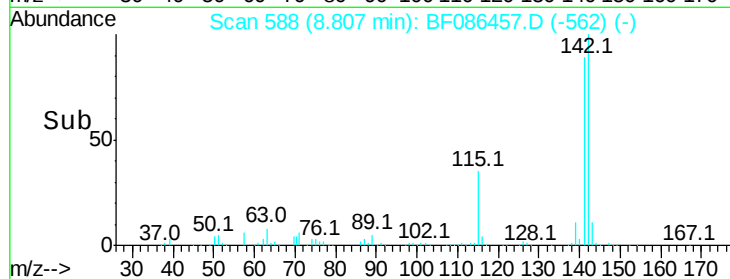
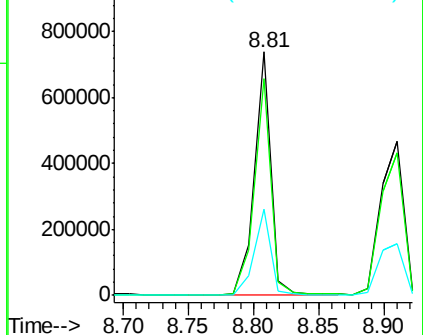
#37
2-Methylnaphthalene
Concen: 50.07 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	35.5	26.6	39.8

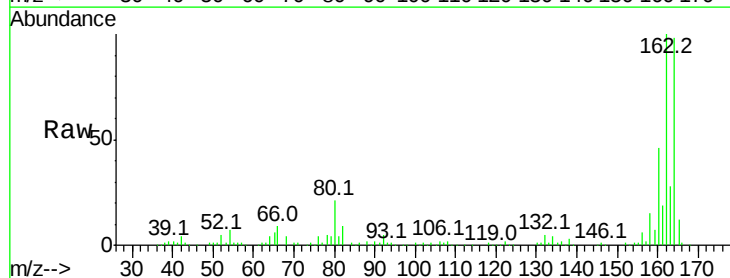


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

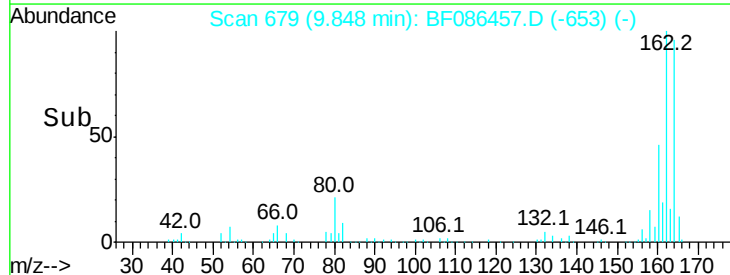
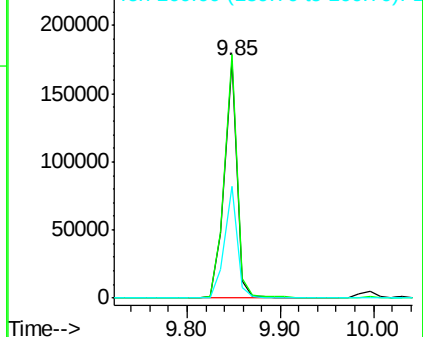


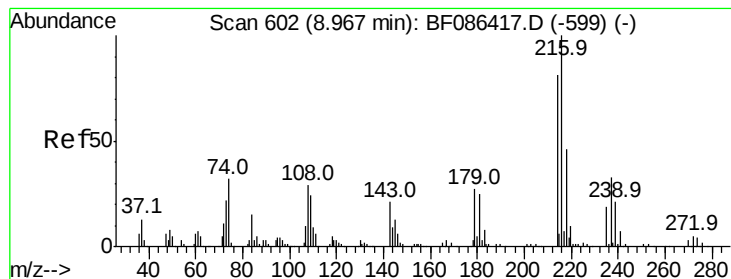
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.8	124.2
160	47.1	36.9	55.3



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: 53.36 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:216 Resp: 251839

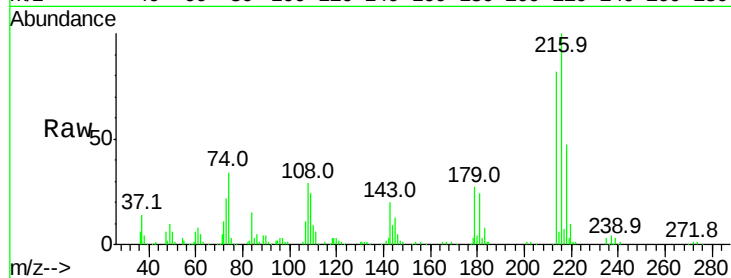
Ion Ratio Lower Upper

216 100

214 79.6 62.6 93.8

179 22.7 18.2 27.4

108 21.1 17.5 26.3

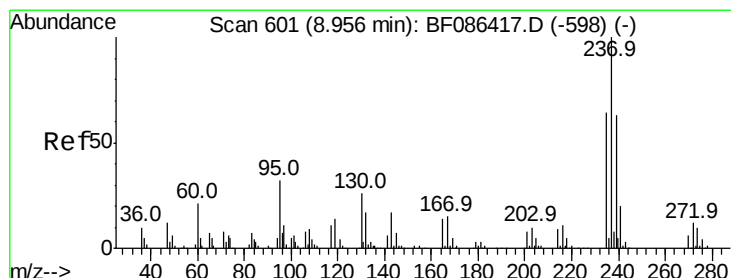
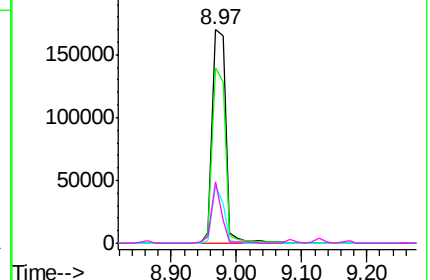
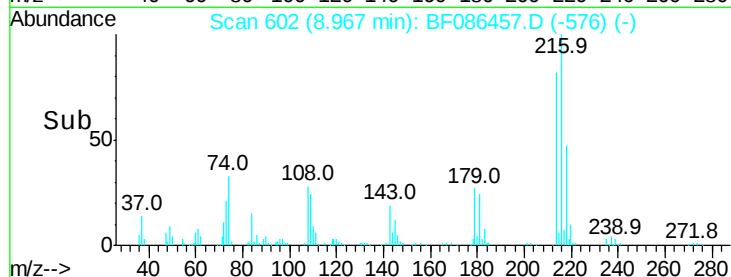


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 10.73 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

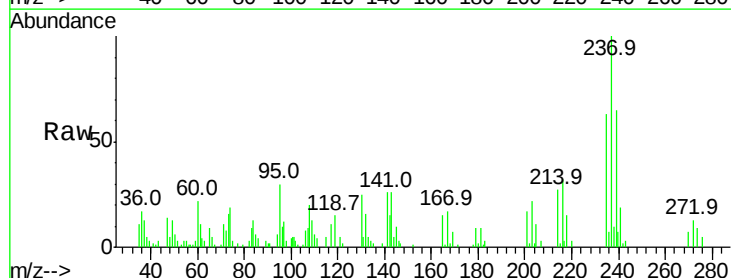
Tgt Ion:237 Resp: 25161

Ion Ratio Lower Upper

237 100

235 63.1 47.2 87.2

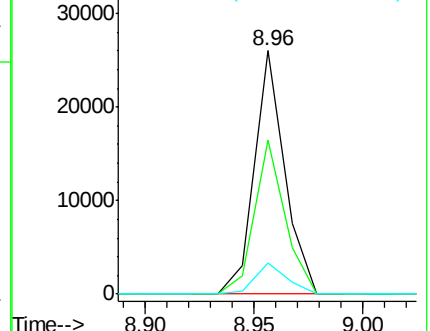
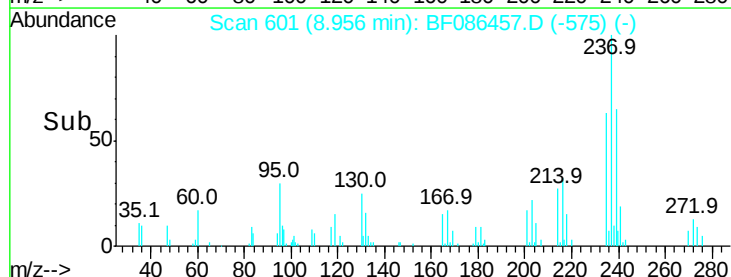
272 12.6 0.0 31.1

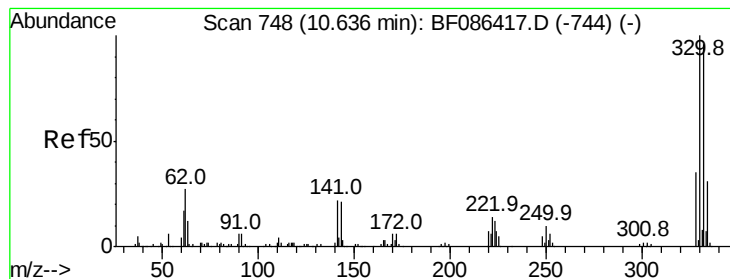


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 122.37 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

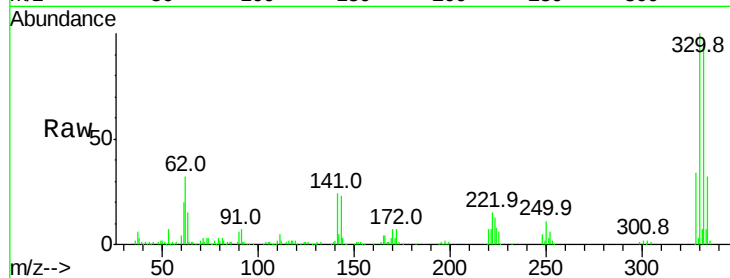
Tot Ion:330 Resp: 212760

Ion Ratio Lower Upper

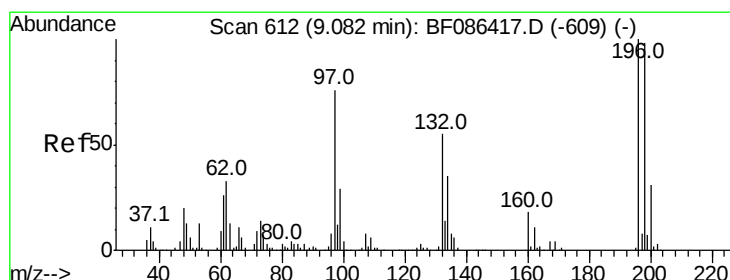
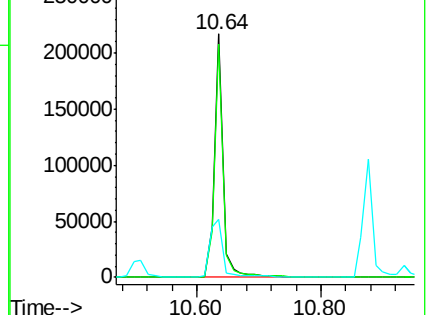
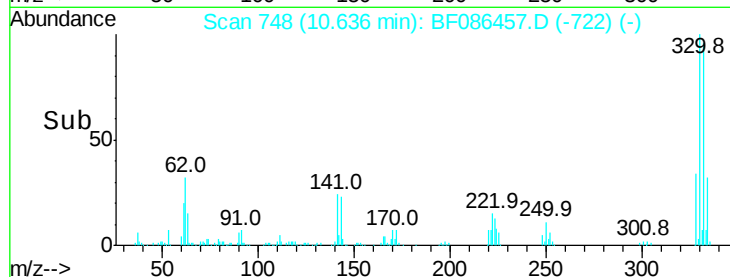
330 100

332 96.0 79.0 118.4

141 34.0 31.2 46.8



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



#42

2,4,6-Trichlorophenol

Concen: 46.95 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

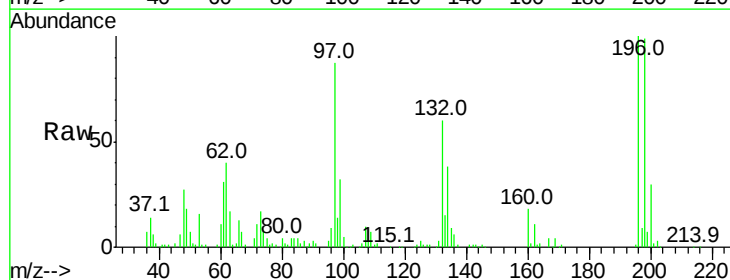
Tgt Ion:196 Resp: 140053

Ion Ratio Lower Upper

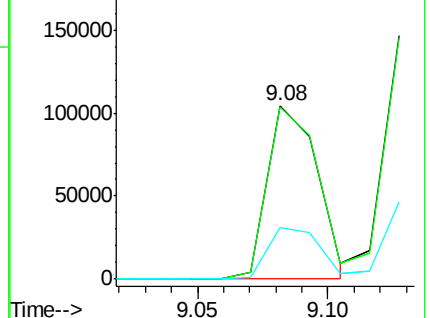
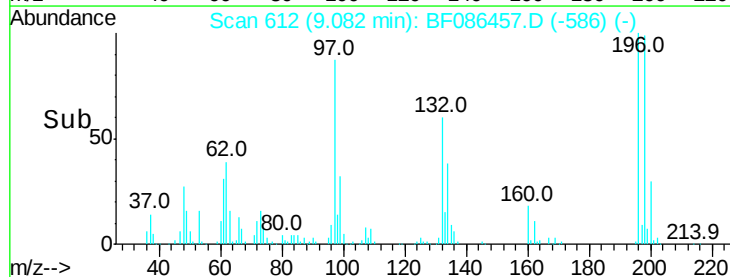
196 100

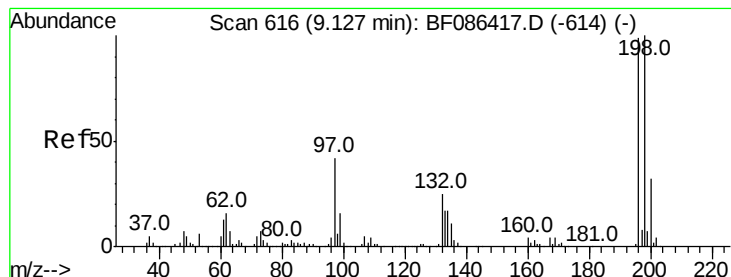
198 98.9 74.7 112.1

200 29.8 23.8 35.6



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





#43

2,4,5-Trichlorophenol

Concen: 46.83 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:196 Resp: 152269

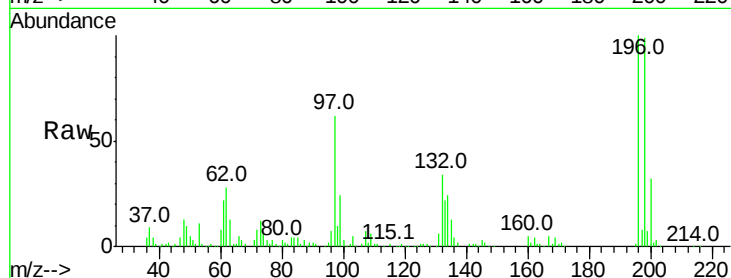
Ion Ratio Lower Upper

196 100

198 99.1 77.5 116.3

97 61.8 34.8 52.2#

132 34.0 23.0 34.4

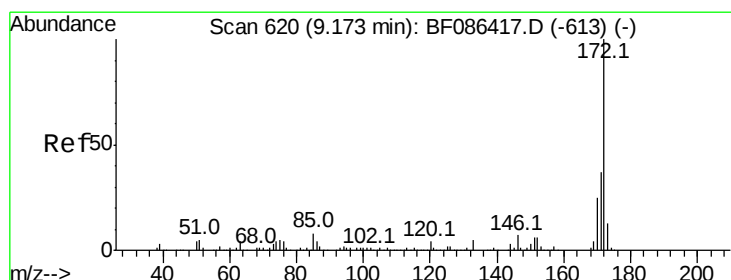
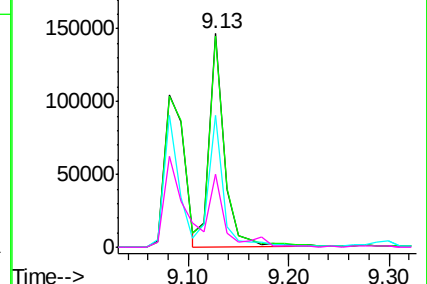
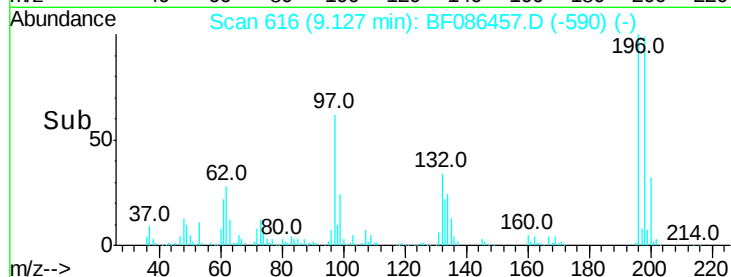


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 136.66 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

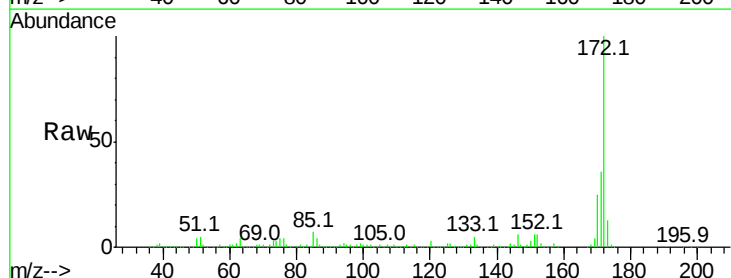
Tgt Ion:172 Resp: 1143169

Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.6

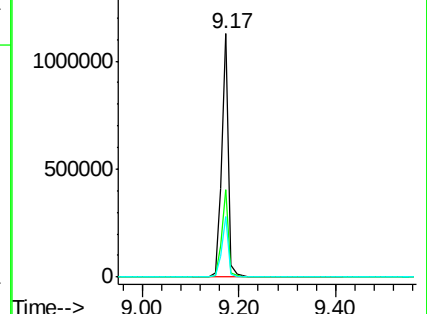
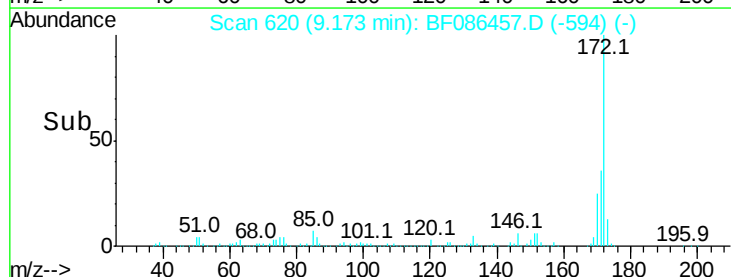
170 24.7 19.8 29.8

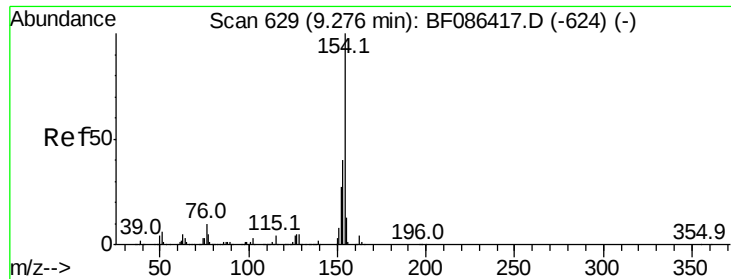


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 54.32 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

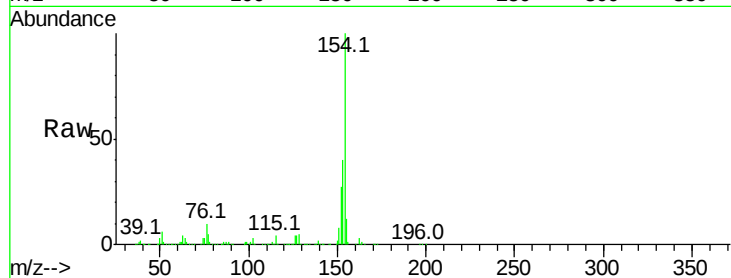
Tot Ion:154 Resp: 748594

Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

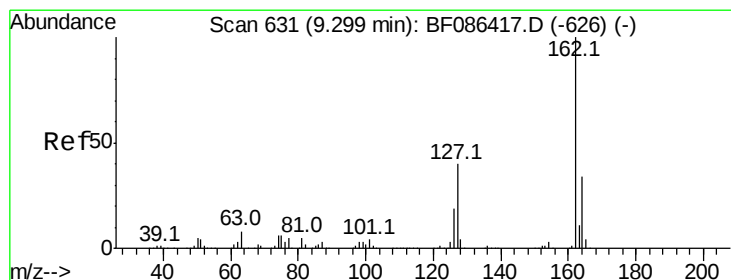
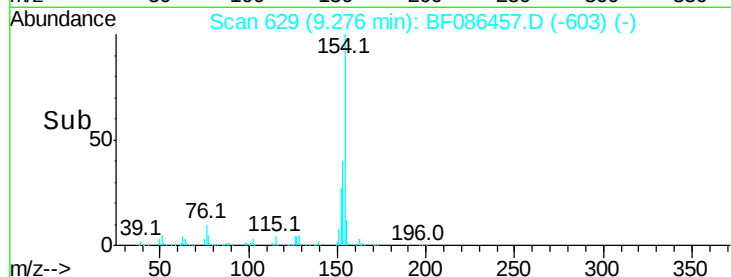
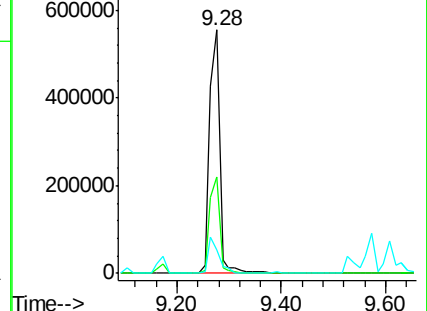
76 9.8 0.0 30.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 51.94 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

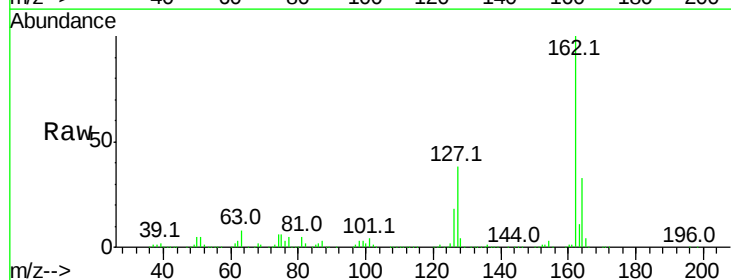
Tgt Ion:162 Resp: 544231

Ion Ratio Lower Upper

162 100

127 37.9 31.8 47.6

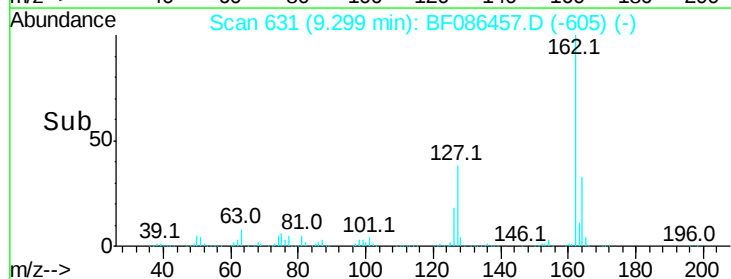
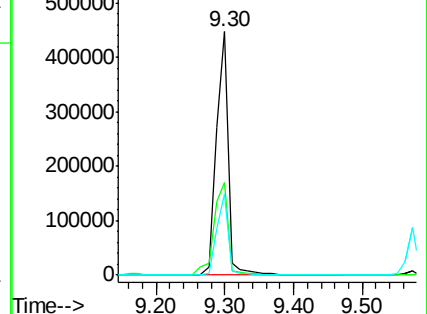
164 33.2 27.0 40.6

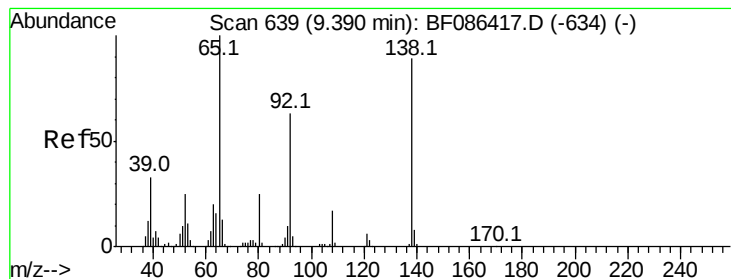


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.28 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

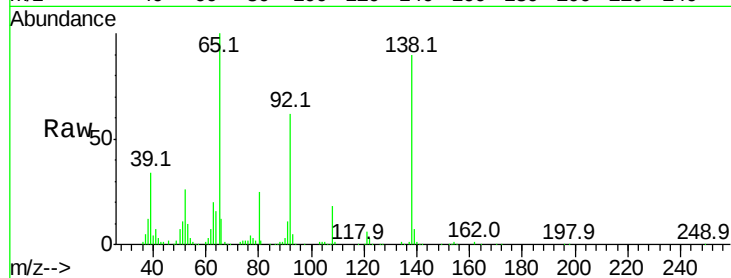
Tot Ion: 65 Resp: 199190

Ion Ratio Lower Upper

65 100

92 61.8 57.4 86.2

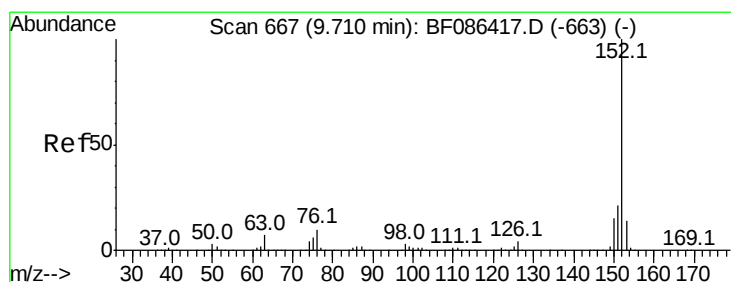
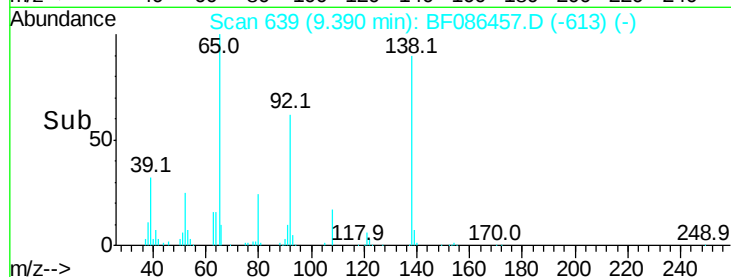
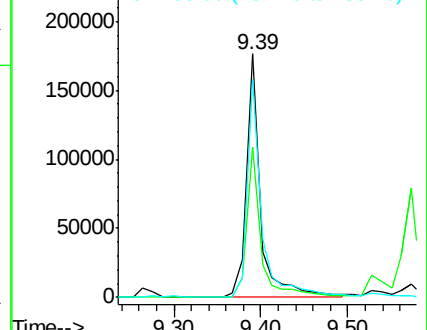
138 89.7 90.1 135.1#



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: 49.99 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

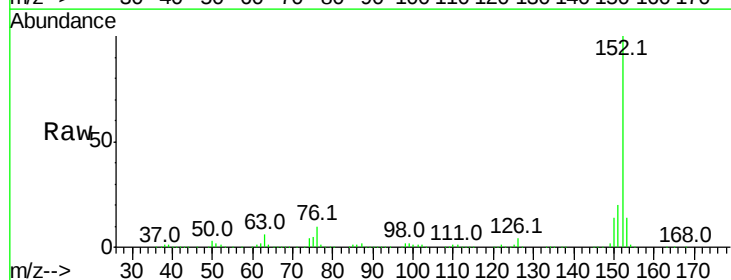
Tgt Ion:152 Resp: 818746

Ion Ratio Lower Upper

152 100

151 20.3 16.8 25.2

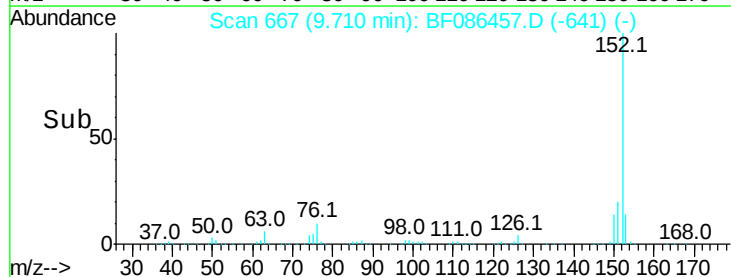
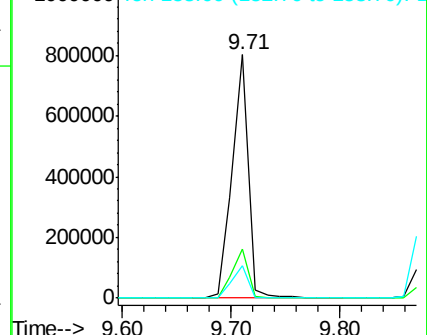
153 13.6 10.9 16.3

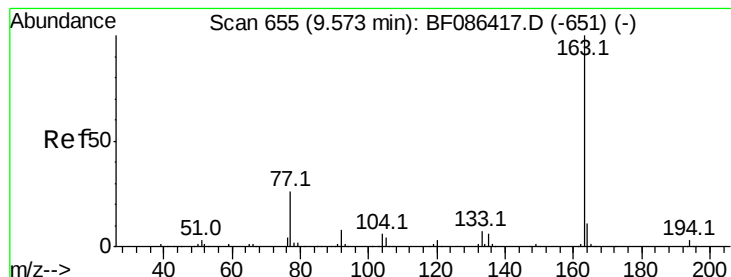


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 63.12 ng

RT: 9.57 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

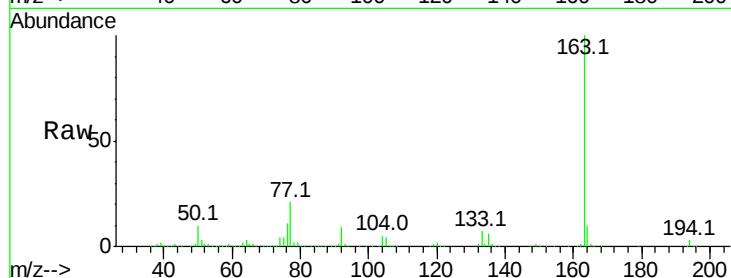
Tot Ion:163 Resp: 783426

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

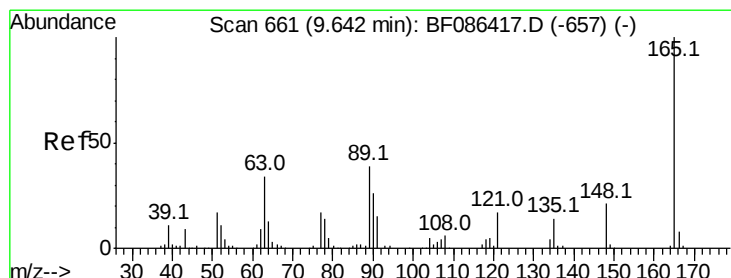
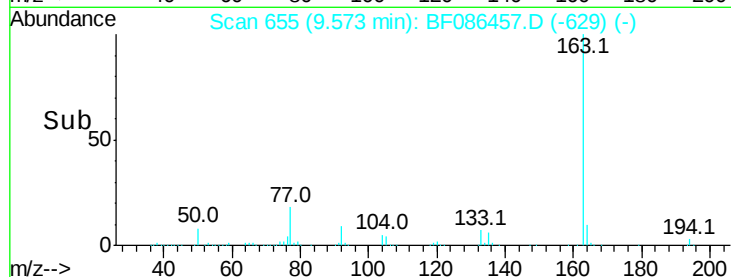
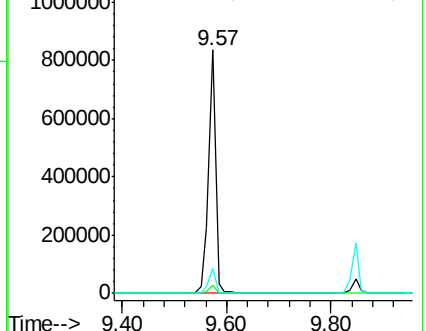
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 45.26 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

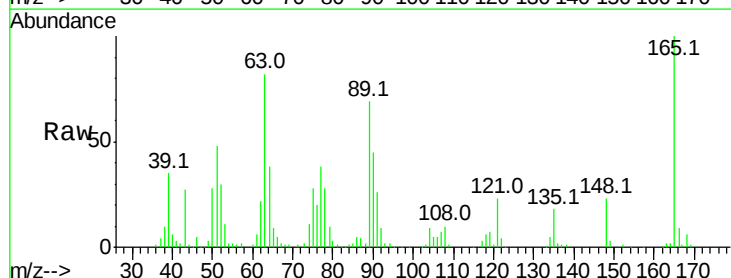
Tgt Ion:165 Resp: 116053

Ion Ratio Lower Upper

165 100

63 82.3 51.8 77.8#

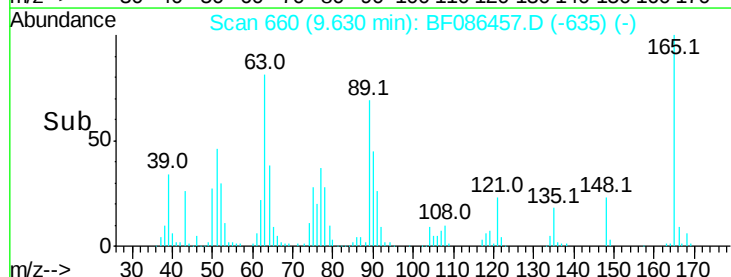
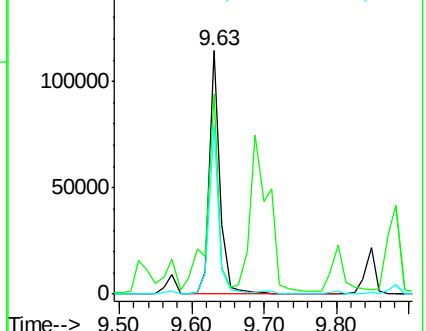
89 69.1 50.7 76.1

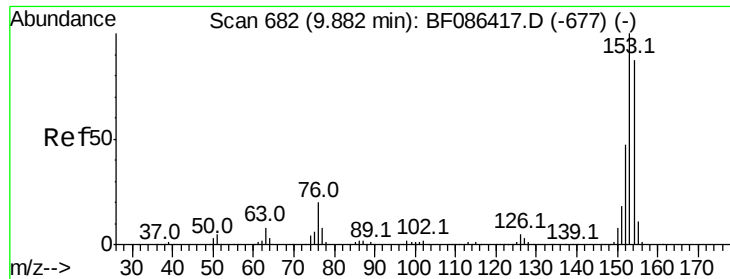


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.89 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

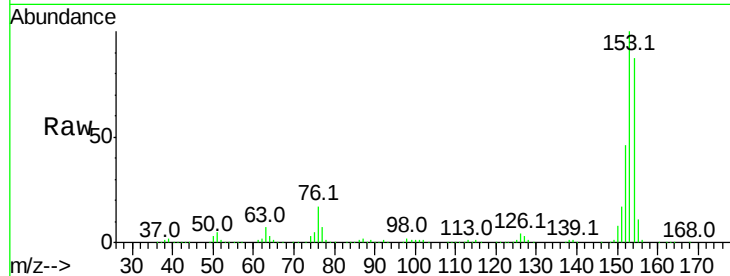
Tot Ion:154 Resp: 493303

Ion Ratio Lower Upper

154 100

153 115.1 89.8 134.6

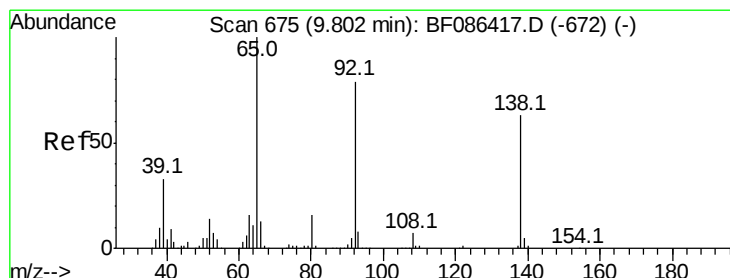
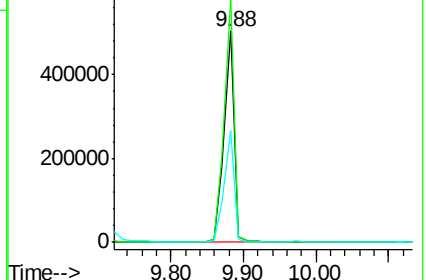
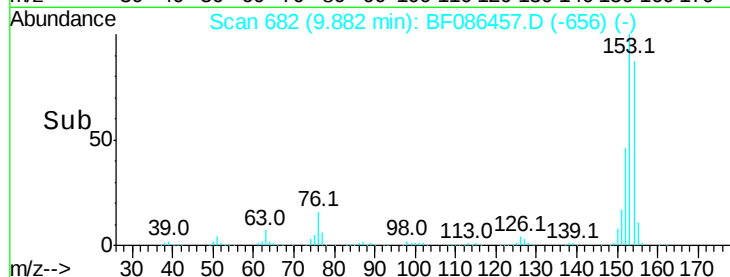
152 52.7 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 48.42 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

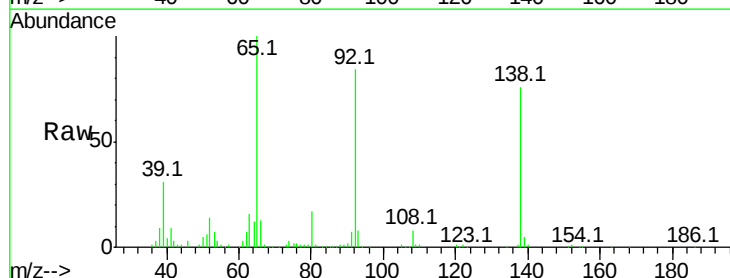
Tgt Ion:138 Resp: 141187

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.6

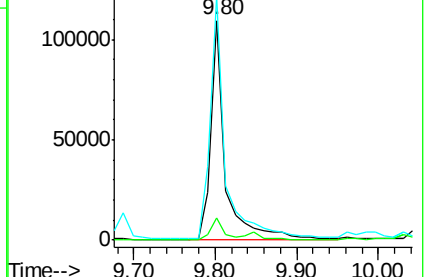
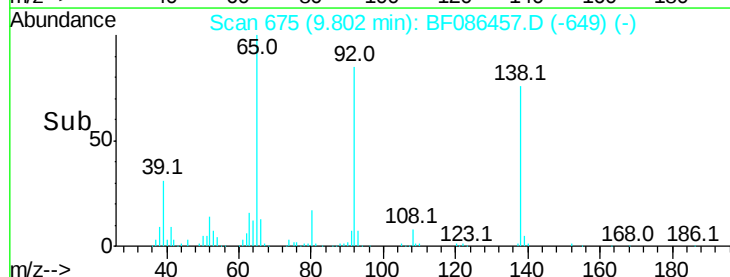
92 111.0 87.8 131.8

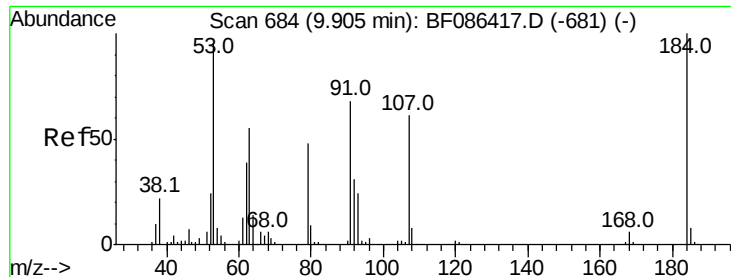


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

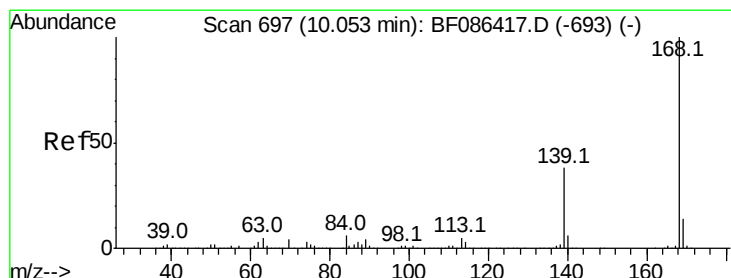
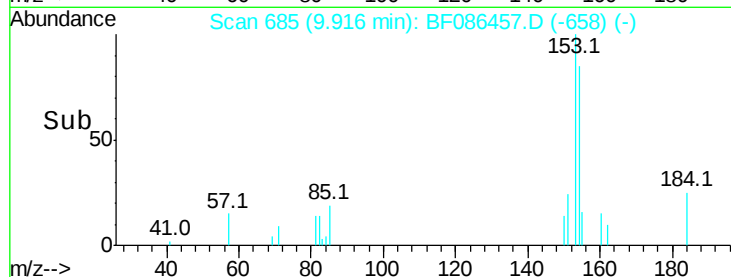
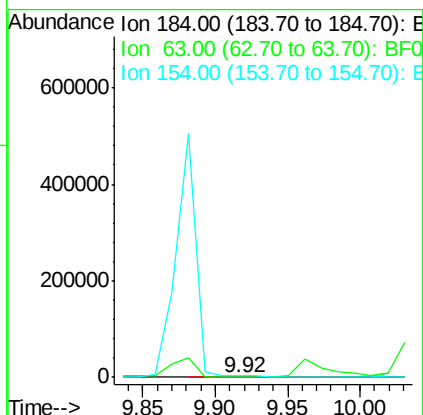
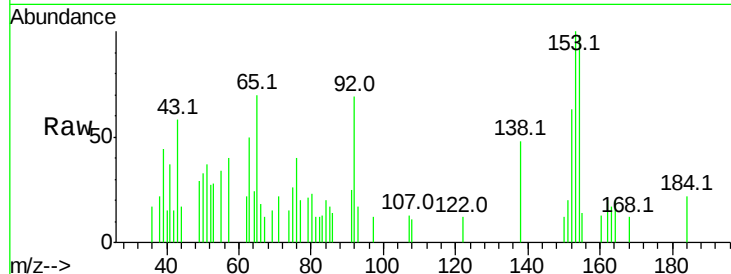




#53
 2,4-Dinitrophenol
 Concen: 8.95 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

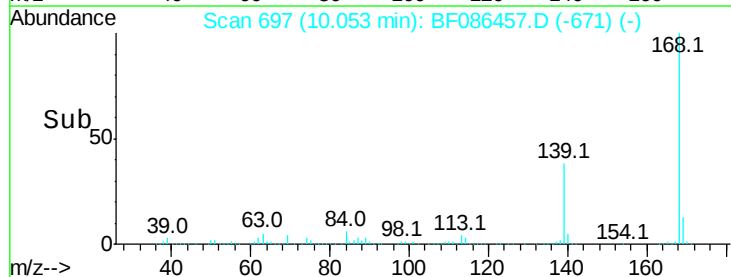
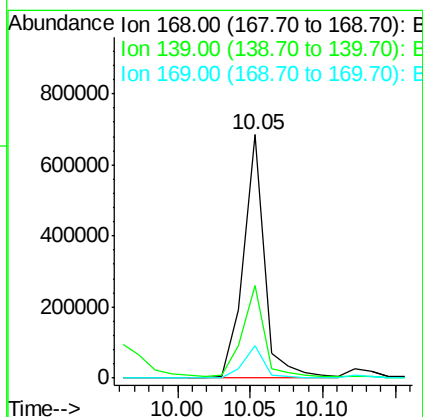
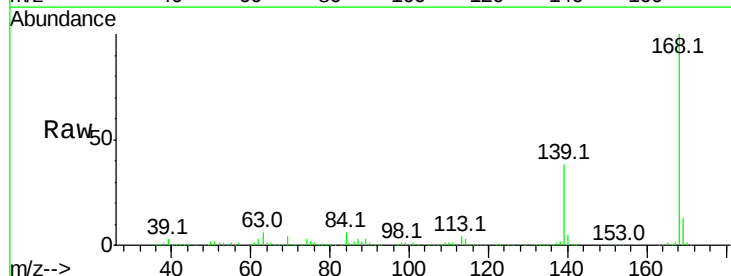
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

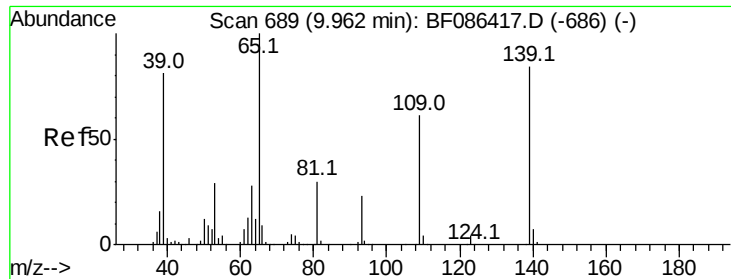
Tot Ion:184 Resp: 1740
 Ion Ratio Lower Upper
 184 100
 63 230.2 55.8 83.8#
 154 453.9 62.4 93.6#



#54
 Dibenzofuran
 Concen: 52.62 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion:168 Resp: 691838
 Ion Ratio Lower Upper
 168 100
 139 38.3 31.4 47.0
 169 13.4 10.7 16.1

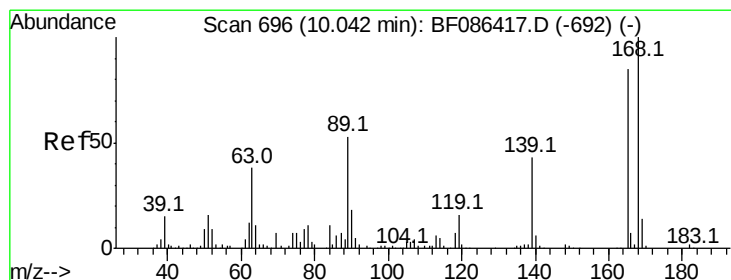
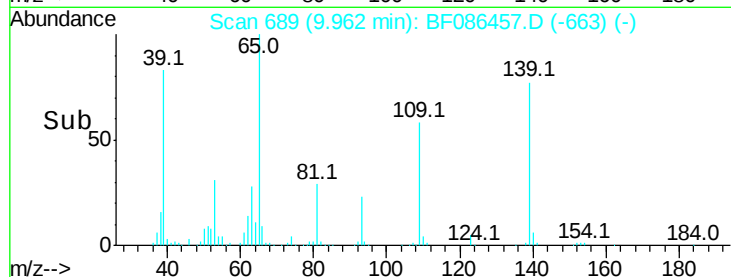
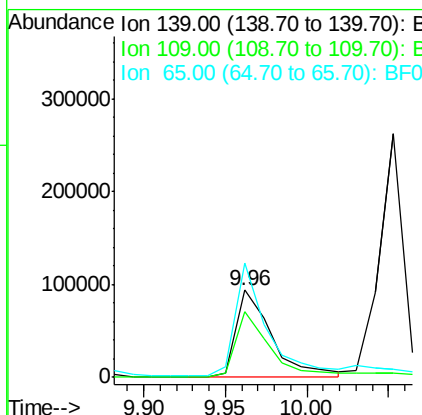
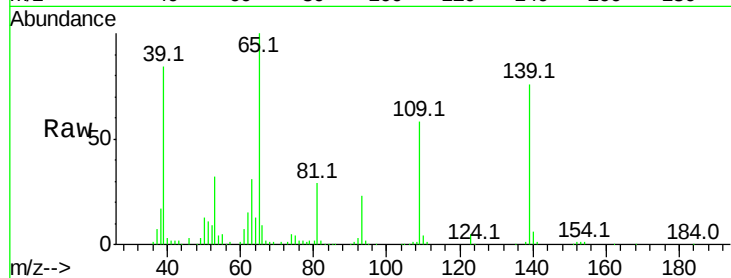




#55
4-Nitrophenol
Concen: 76.10 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

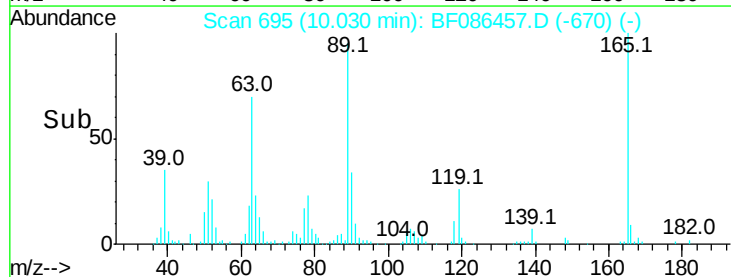
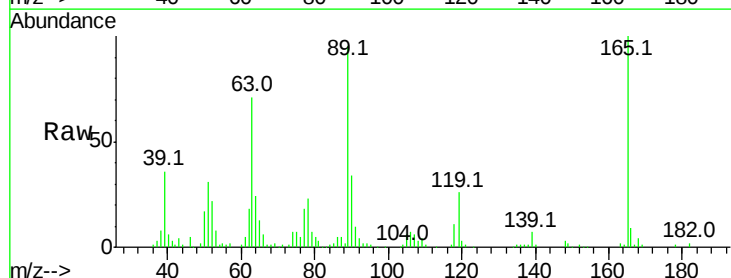
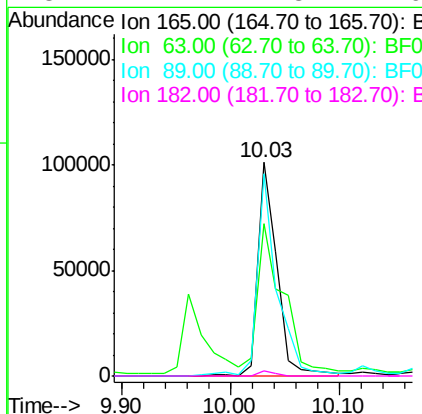
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

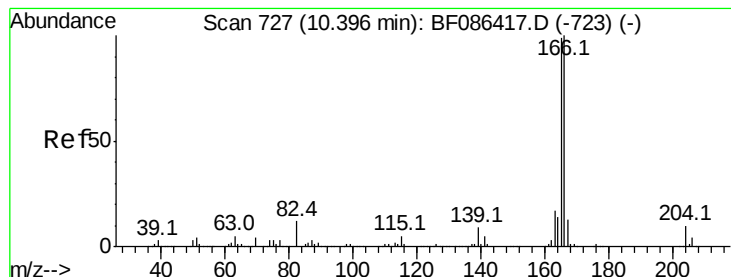
Tot Ion:139 Resp: 145298
Ion Ratio Lower Upper
139 100
109 75.7 36.9 76.9
65 130.8 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 37.98 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:165 Resp: 124146
Ion Ratio Lower Upper
165 100
63 71.4 44.3 66.5#
89 94.5 70.0 105.0
182 2.2 1.8 2.6





#57

Fluorene

Concen: 43.89 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

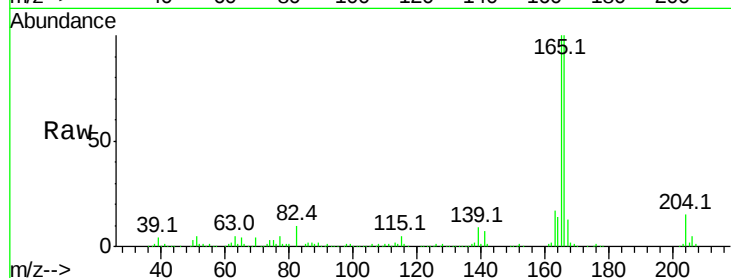
Tot Ion:166 Resp: 501020

Ion Ratio Lower Upper

166 100

165 100.0 79.0 118.6

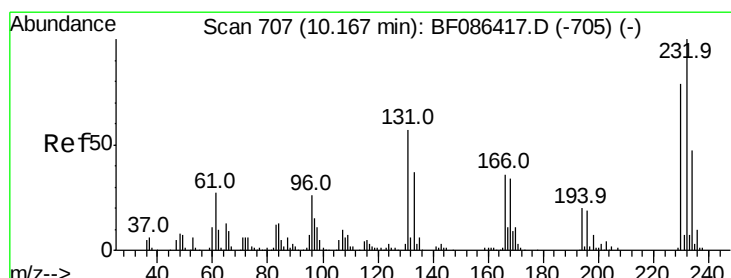
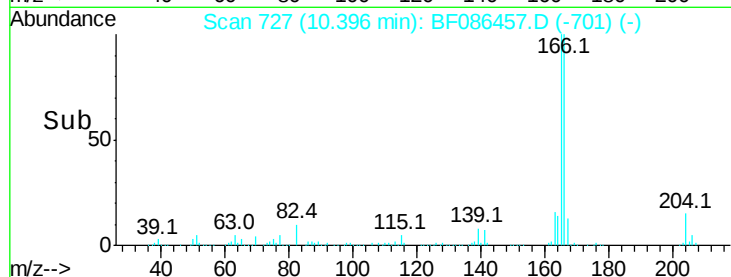
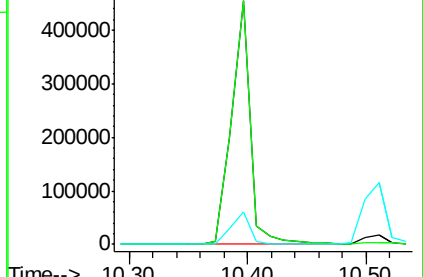
167 13.2 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.82 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Tgt Ion:232 Resp: 126645

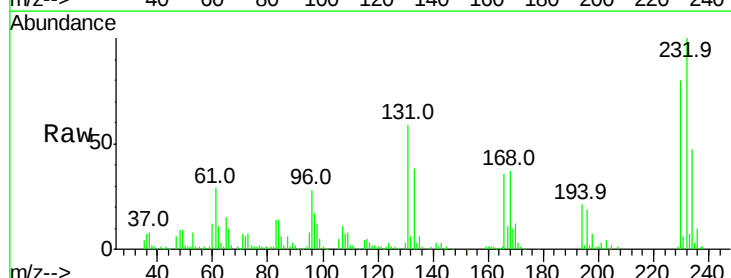
Ion Ratio Lower Upper

232 100

131 48.6 41.9 62.9

130 2.3 2.2 3.4

166 29.7 26.8 40.2

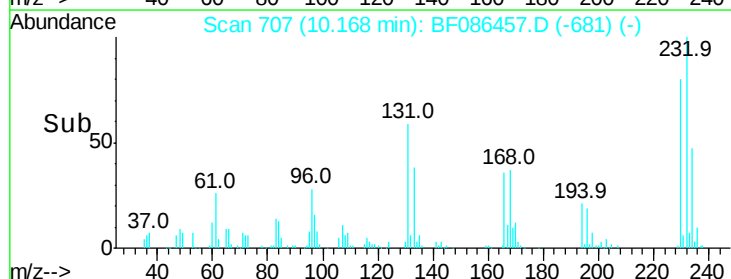
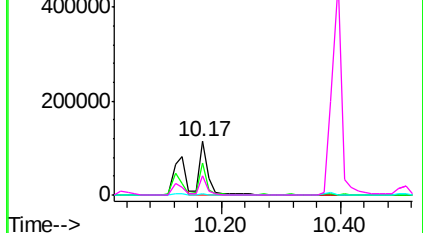


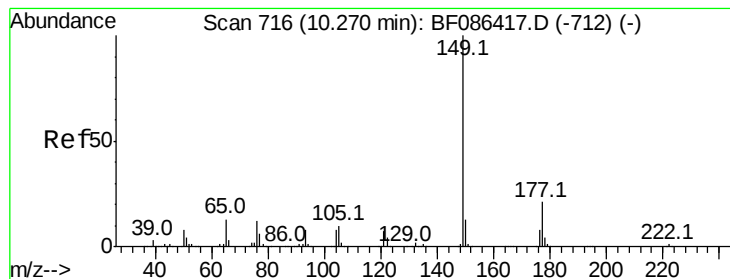
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.04 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

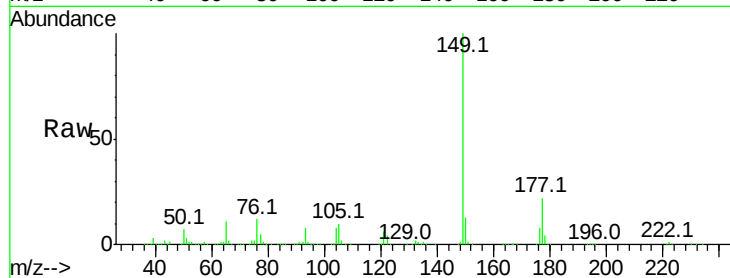
Tot Ion:149 Resp: 599660

Ion Ratio Lower Upper

149 100

177 21.7 16.6 24.8

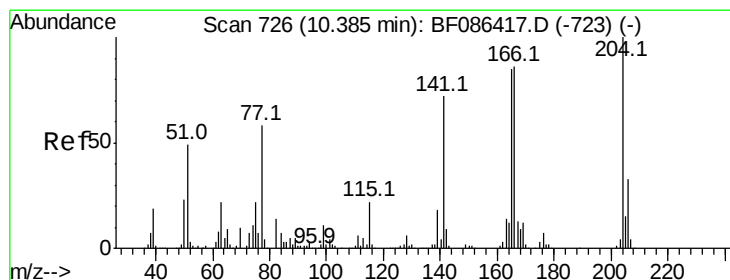
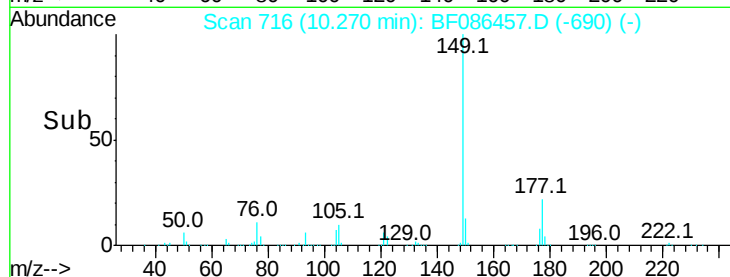
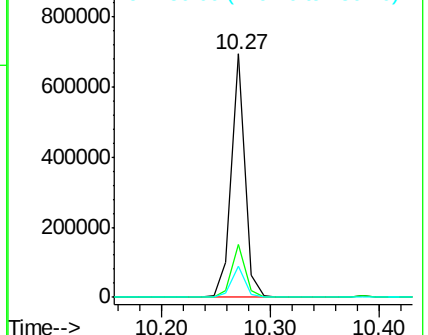
150 12.8 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.40 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

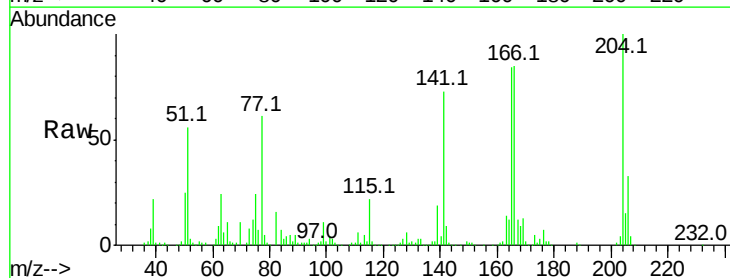
Tgt Ion:204 Resp: 230114

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

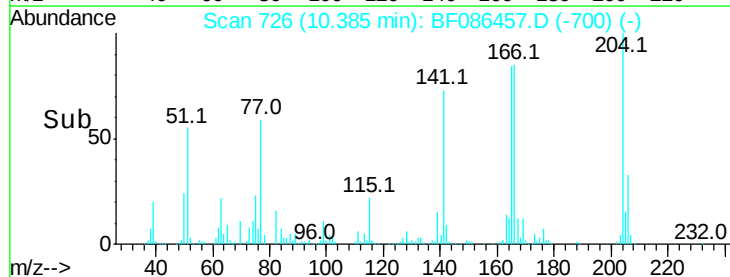
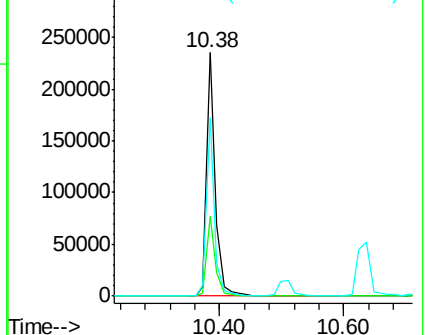
141 73.2 61.6 92.4

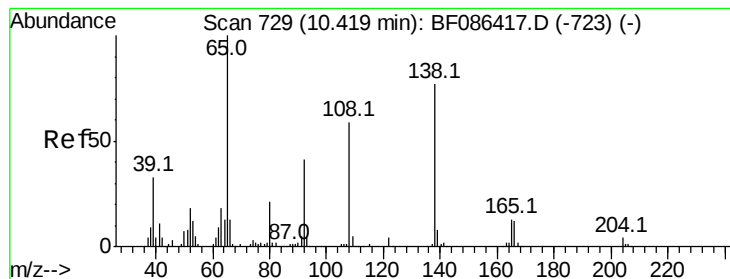


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.71 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

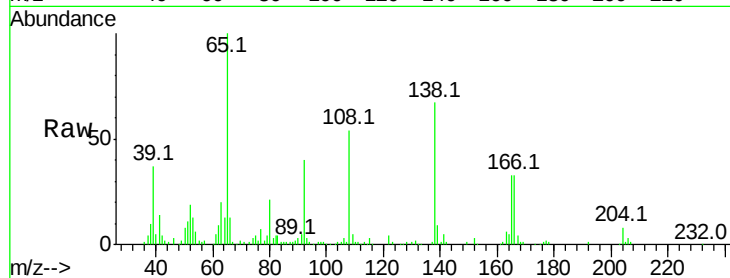
Tot Ion:138 Resp: 133144

Ion Ratio Lower Upper

138 100

92 59.3 24.7 64.7

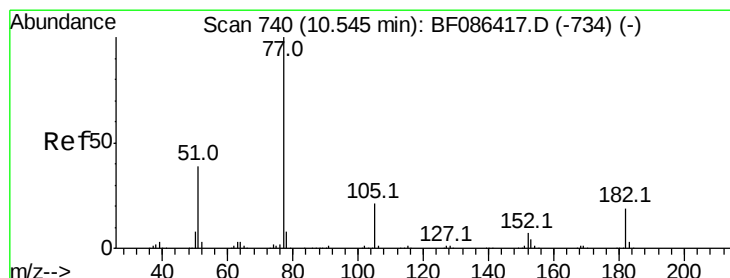
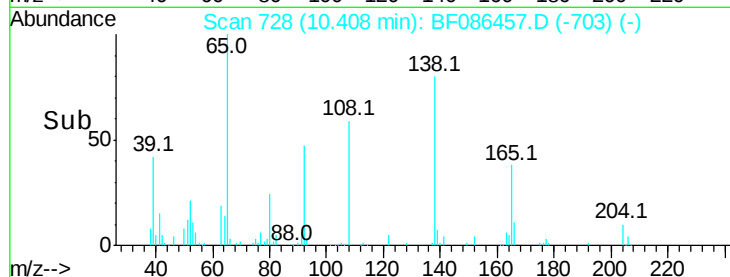
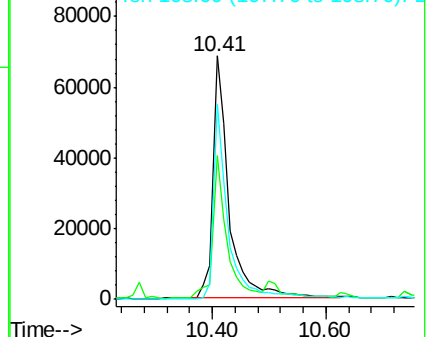
108 79.9 37.4 77.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 48.17 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Tgt Ion: 77 Resp: 619902

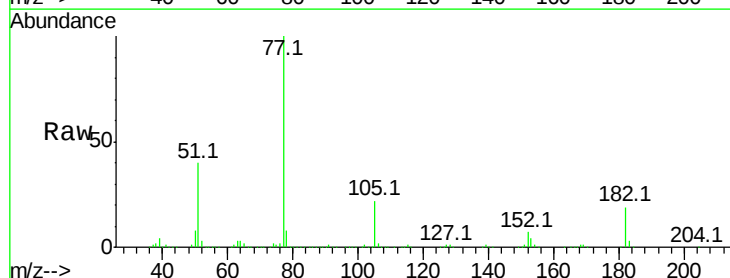
Ion Ratio Lower Upper

77 100

182 18.9 0.0 38.8

105 21.5 3.2 43.2

51 39.5 8.8 48.8

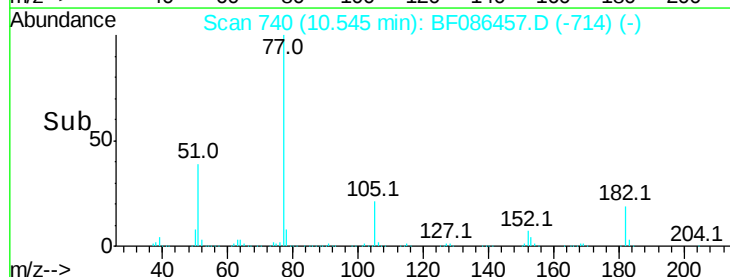
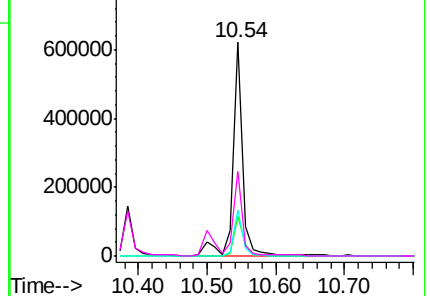


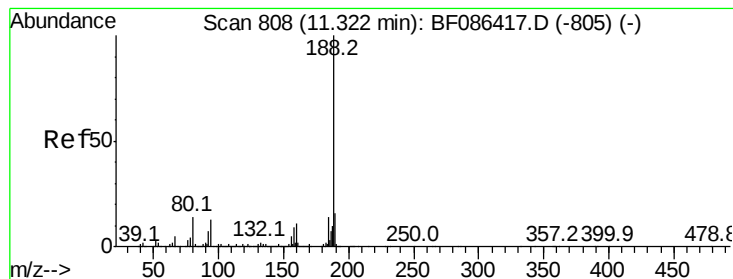
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

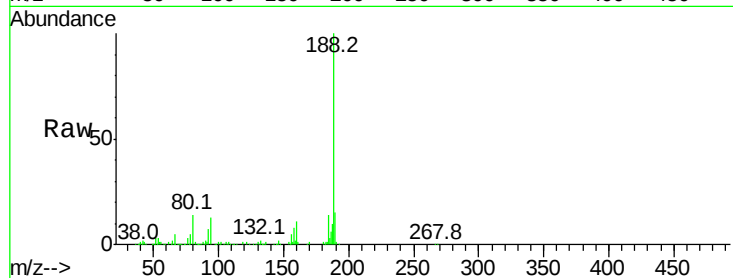
Tot Ion:188 Resp: 255420

Ion Ratio Lower Upper

188 100

94 13.5 6.8 10.2#

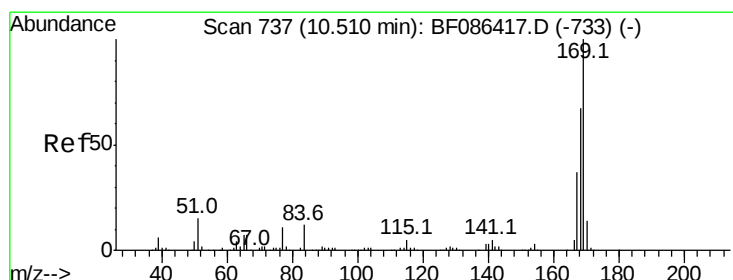
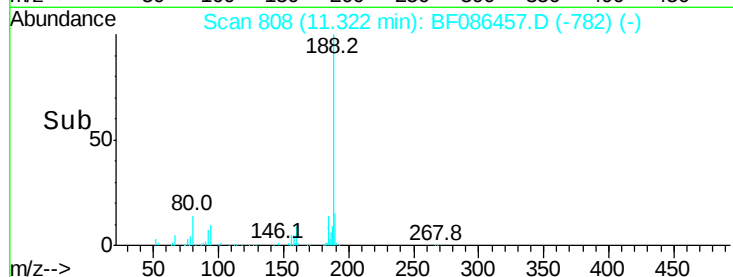
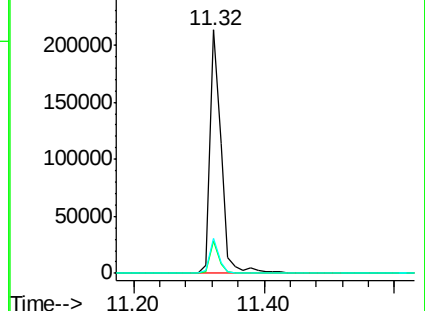
80 14.3 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 53.88 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

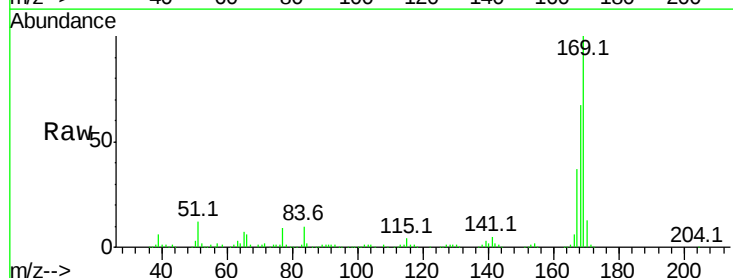
Tgt Ion:169 Resp: 430103

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

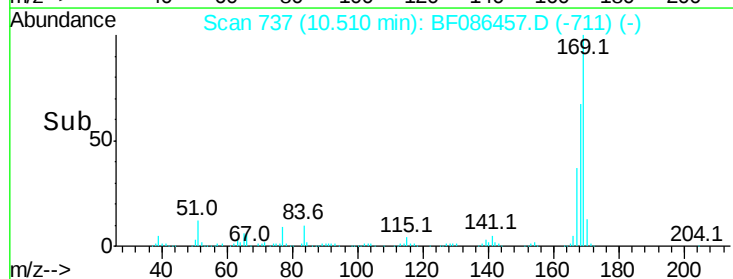
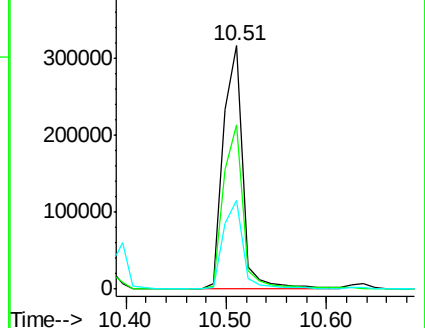
167 36.7 29.5 44.3

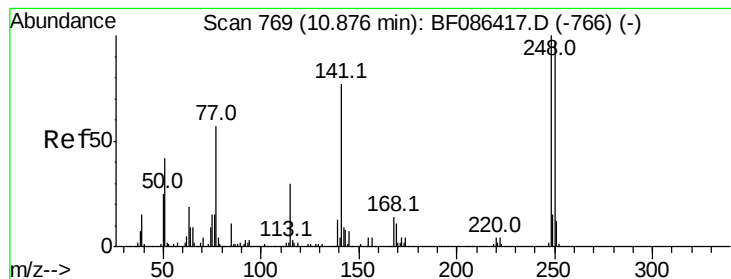


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

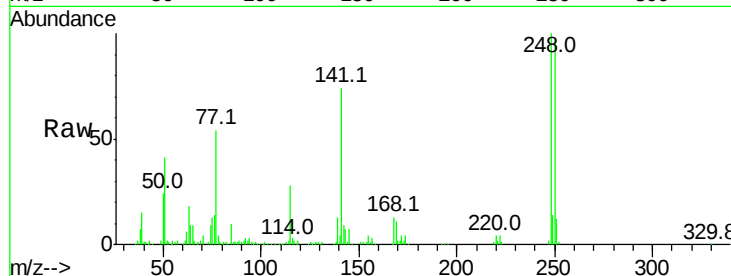




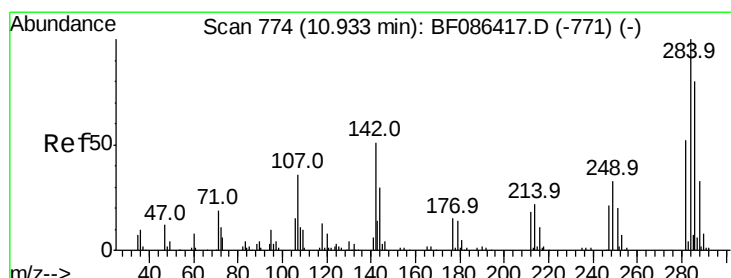
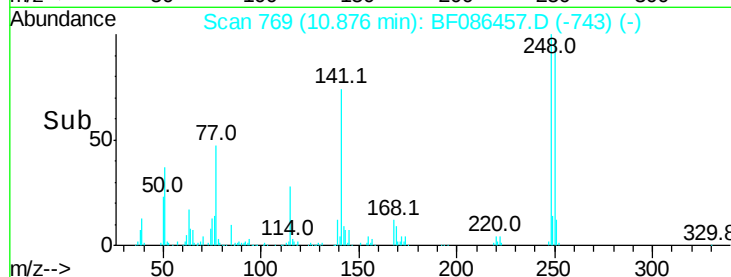
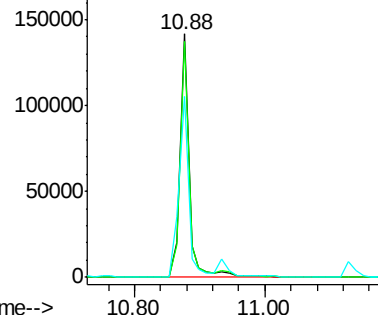
#66
 4-Bromophenyl-phenylether
 Concen: 52.98 ng
 RT: 10.88 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:248 Resp: 139438
 Ion Ratio Lower Upper
 248 100
 250 96.8 78.6 117.8
 141 74.5 76.0 114.0#

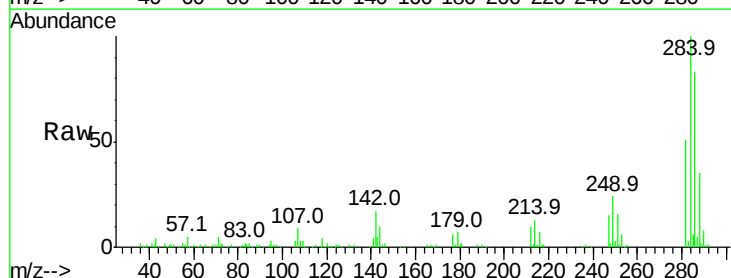


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

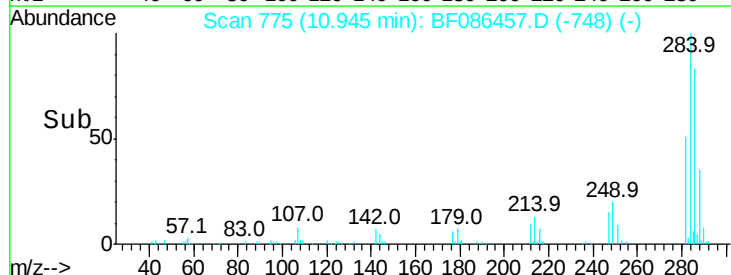
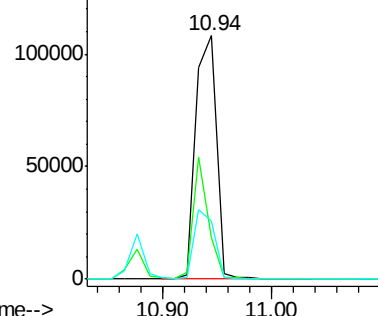


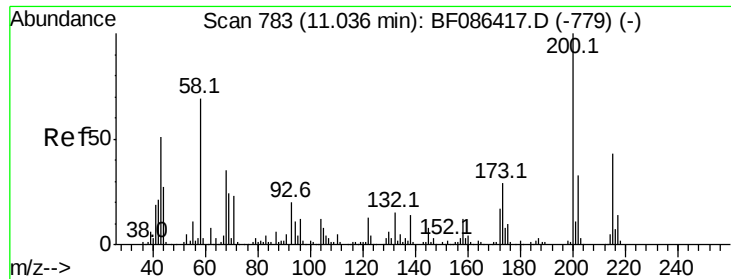
#67
 Hexachlorobenzene
 Concen: 47.17 ng
 RT: 10.94 min Scan# 775
 Delta R.T. 0.01 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion:284 Resp: 143710
 Ion Ratio Lower Upper
 284 100
 142 17.2 16.7 25.1
 249 24.0 21.3 31.9



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

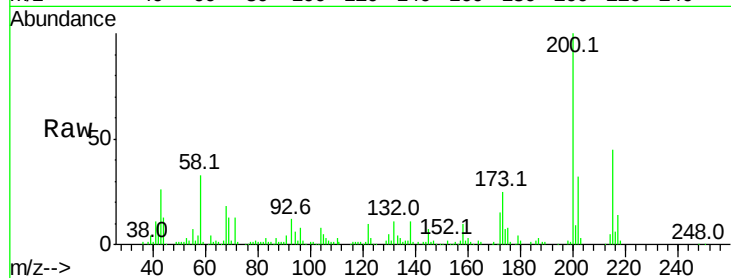




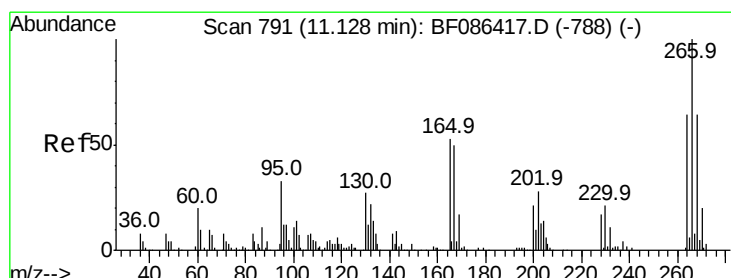
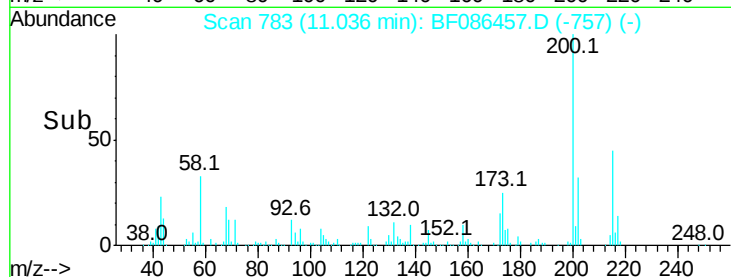
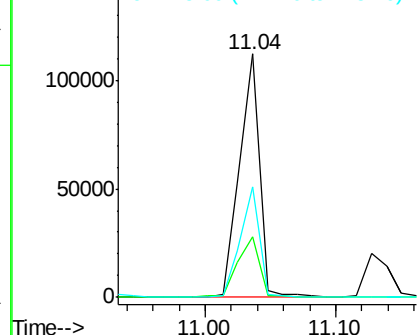
#68
Atrazine
Concen: 49.76 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:200 Resp: 119278
Ion Ratio Lower Upper
200 100
173 24.8 8.5 48.5
215 45.4 27.2 67.2

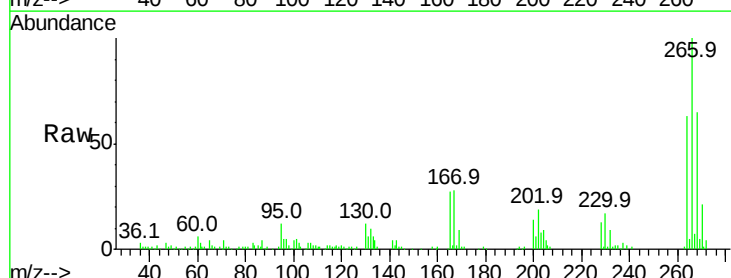


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

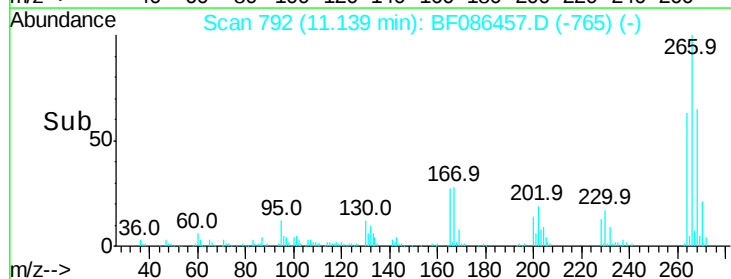
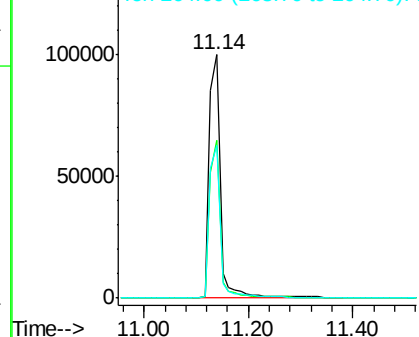


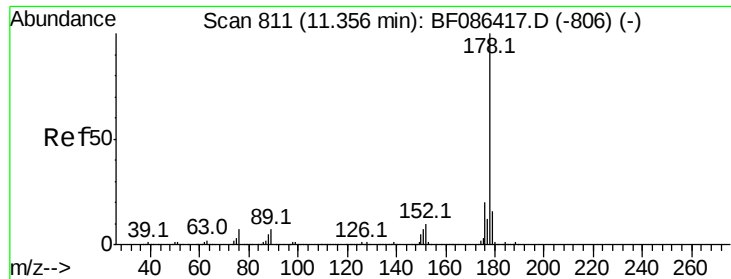
#69
Pentachlorophenol
Concen: 93.51 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:266 Resp: 150189
Ion Ratio Lower Upper
266 100
268 64.6 51.5 77.3
264 62.7 52.9 79.3



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

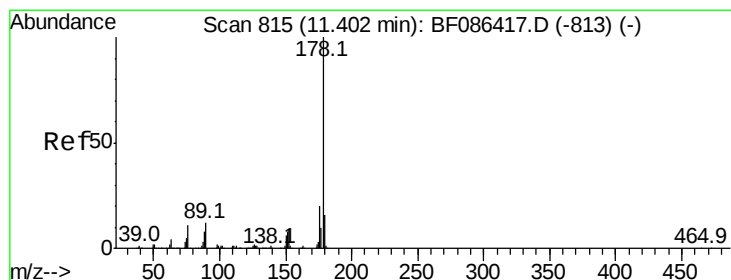
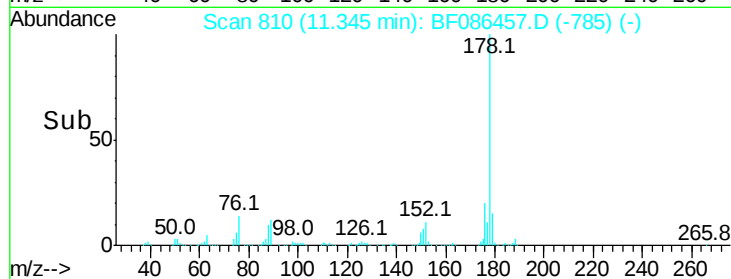
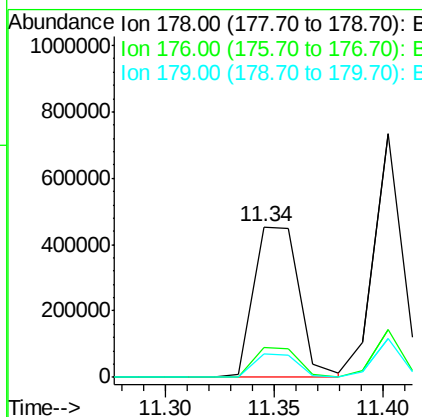
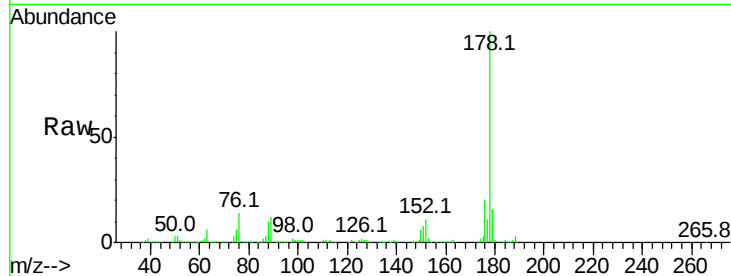




#70
Phenanthrene
Concen: 49.36 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

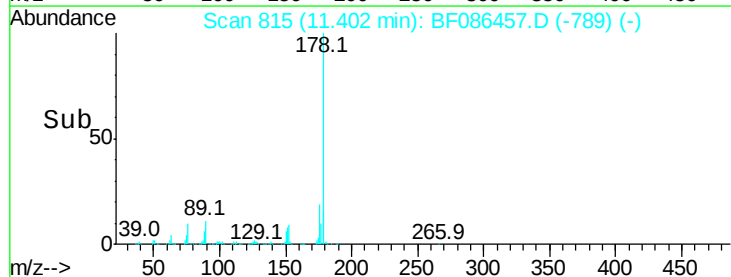
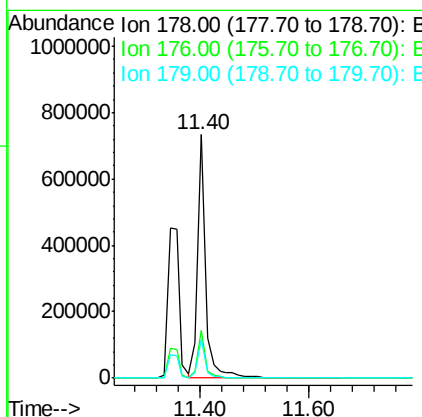
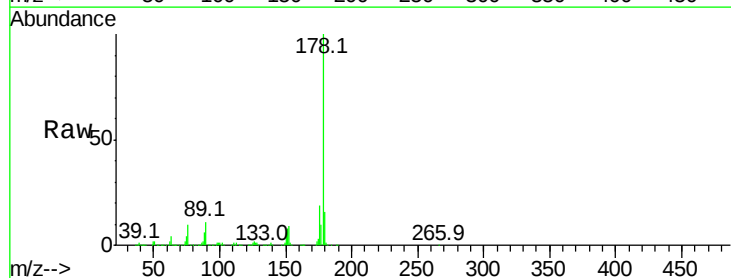
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

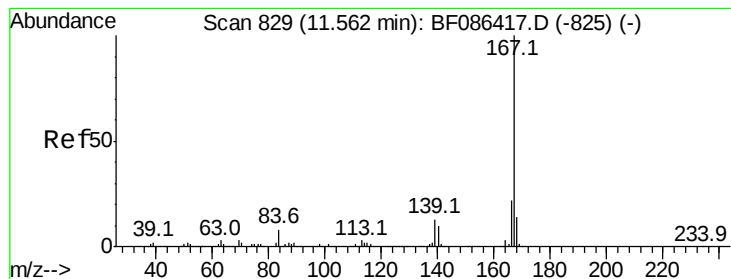
Tot Ion:178 Resp: 661664
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.7 12.6 18.8



#71
Anthracene
Concen: 51.85 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:178 Resp: 741769
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.7 12.7 19.1





#72

Carbazole

Concen: 53.83 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

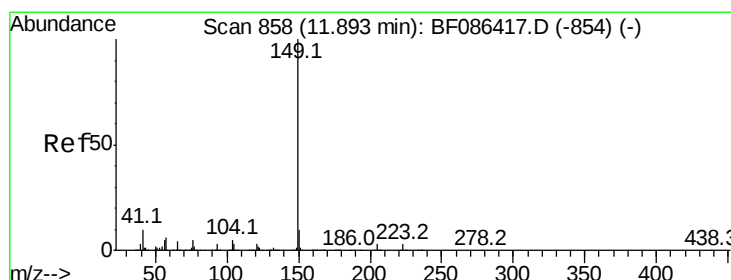
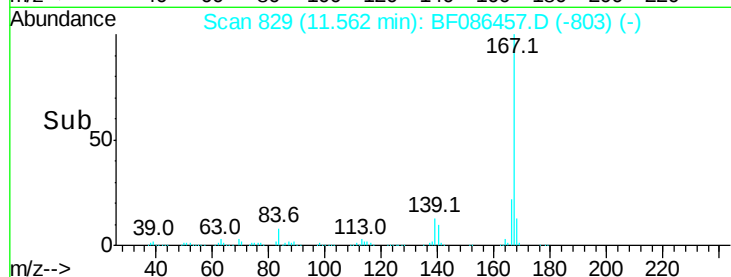
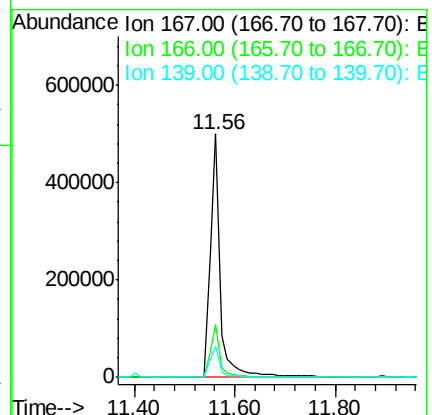
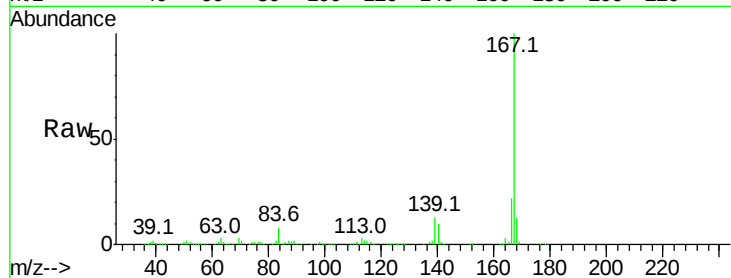
Tot Ion:167 Resp: 682455

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

139 12.5 10.8 16.2



#73

Di-n-butylphthalate

Concen: 54.14 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

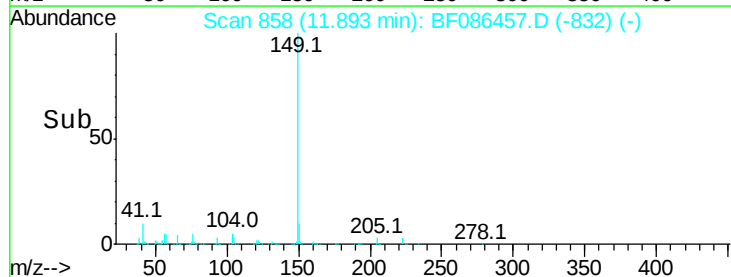
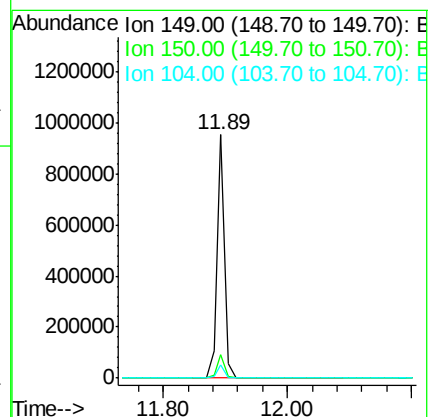
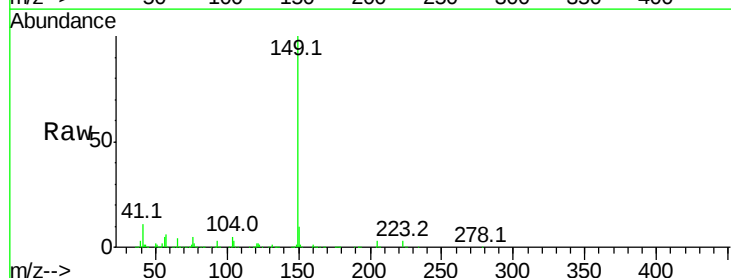
Tgt Ion:149 Resp: 777555

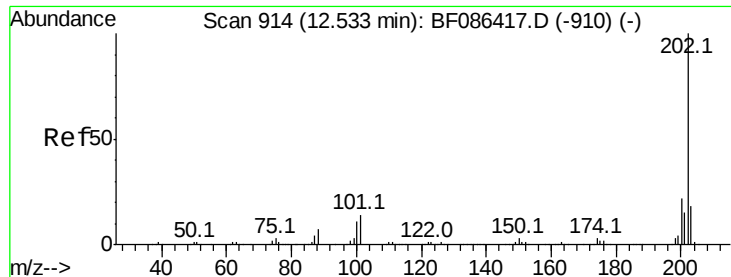
Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

104 5.2 3.8 5.6





#74

Fluoranthene

Concen: 54.93 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

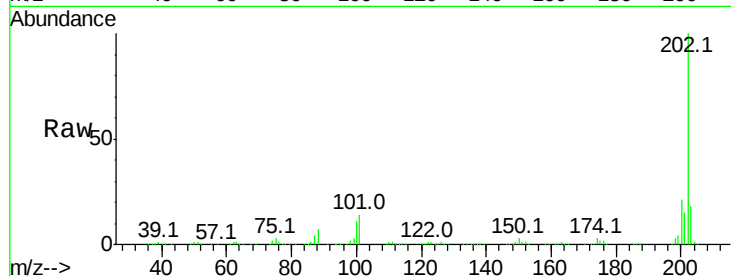
Tot Ion:202 Resp: 743207

Ion Ratio Lower Upper

202 100

101 14.3 0.0 35.4

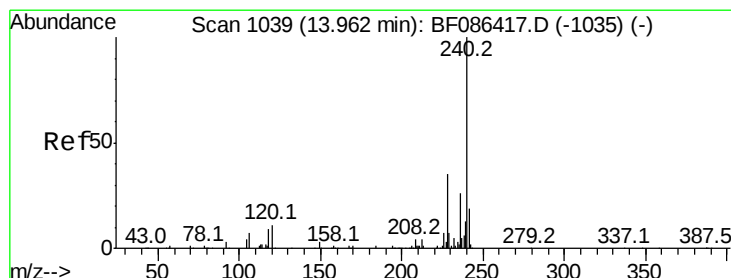
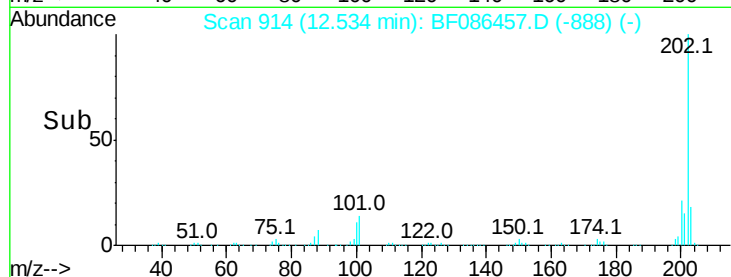
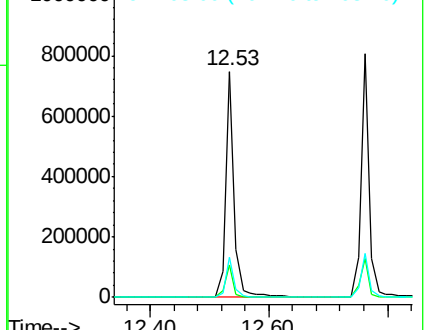
203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

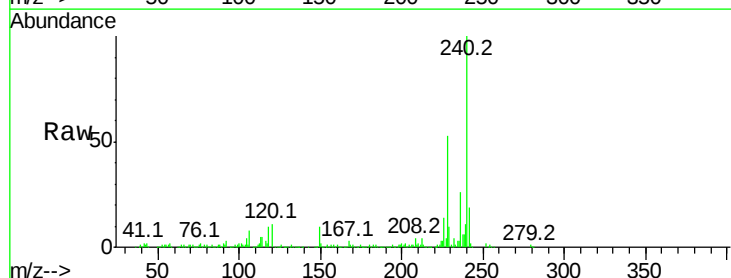
Tgt Ion:240 Resp: 268245

Ion Ratio Lower Upper

240 100

120 11.3 11.2 16.8

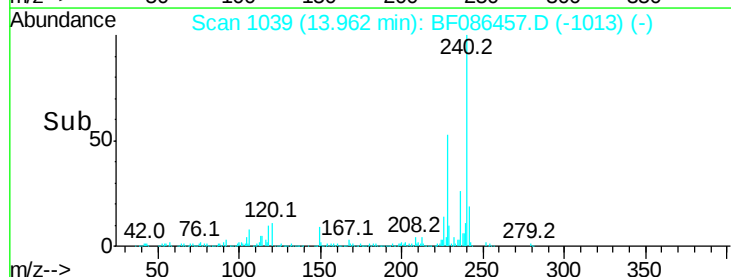
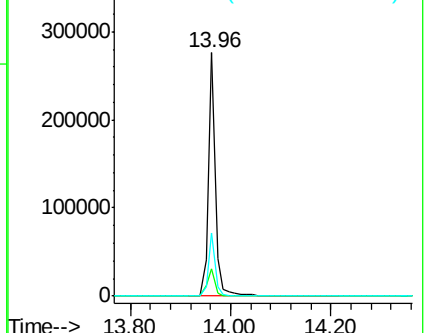
236 26.0 21.2 31.8

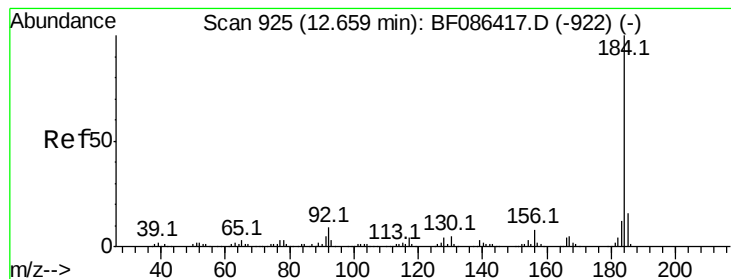


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 20.41 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

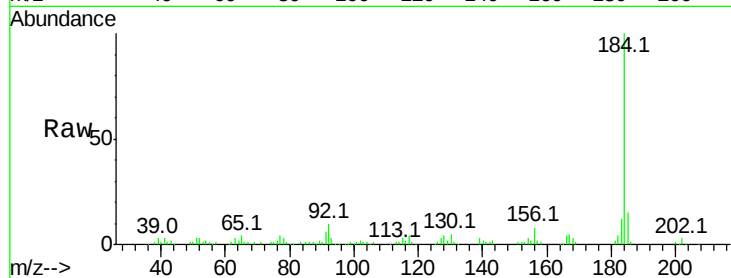
Tot Ion:184 Resp: 188129

Ion Ratio Lower Upper

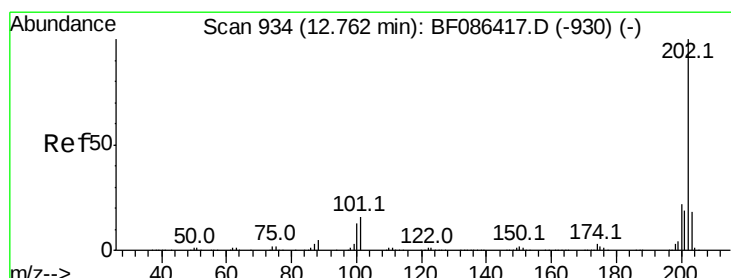
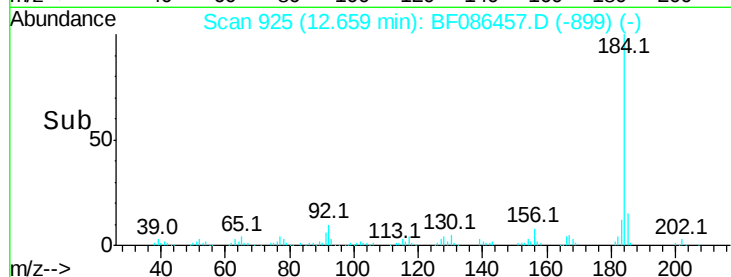
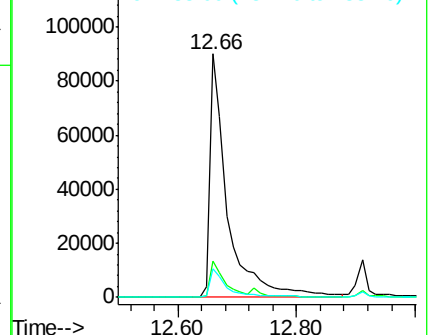
184 100

185 14.7 13.6 20.4

183 11.5 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 39.83 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

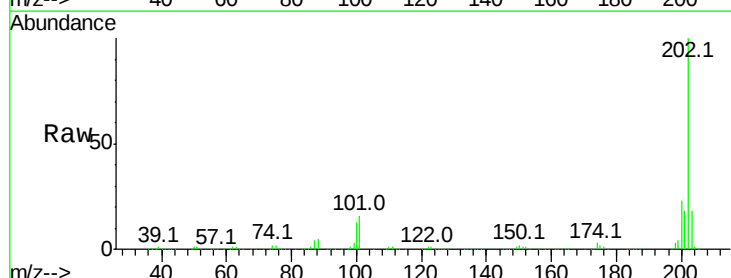
Tgt Ion:202 Resp: 769960

Ion Ratio Lower Upper

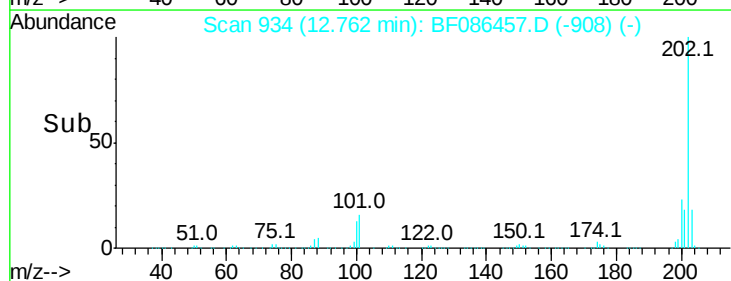
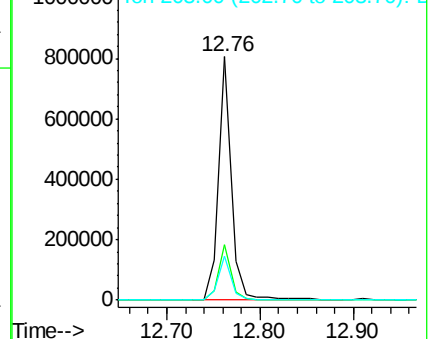
202 100

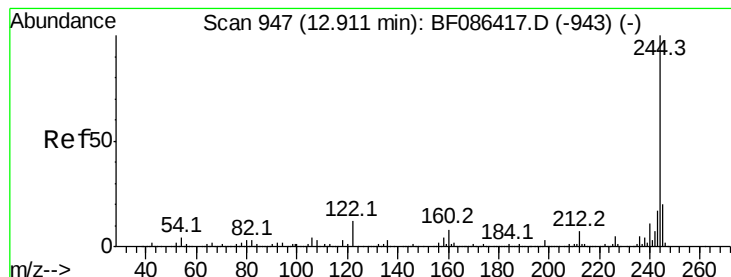
200 22.6 17.7 26.5

203 17.9 14.2 21.4



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





#78

Terphenyl-d14

Concen: 72.16 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

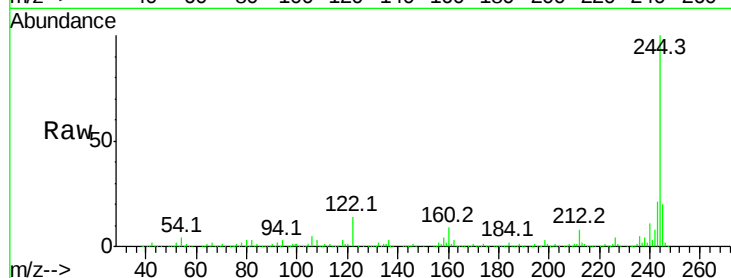
Tot Ion:244 Resp: 878547

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

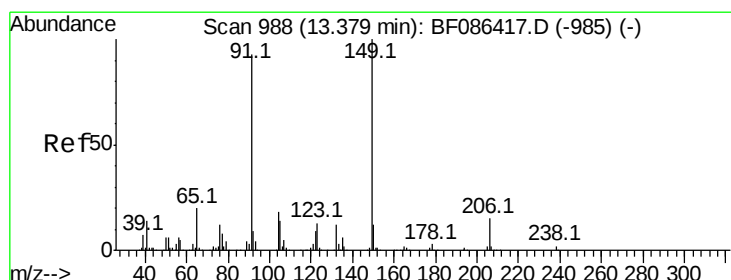
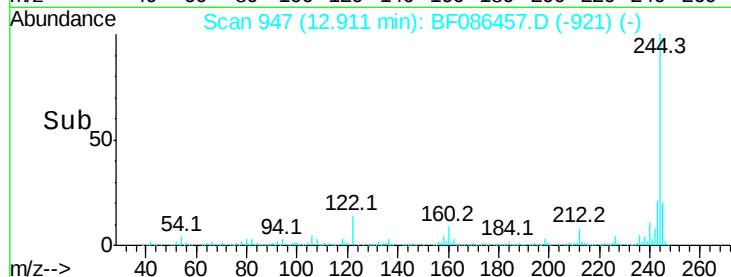
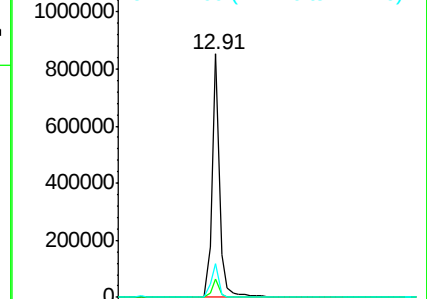
122 13.7 12.0 18.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 44.10 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

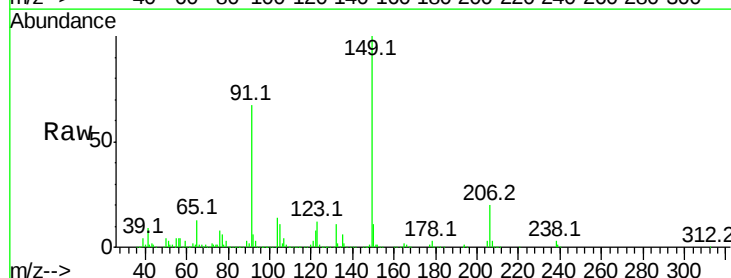
Tgt Ion:149 Resp: 369146

Ion Ratio Lower Upper

149 100

91 67.4 48.0 72.0

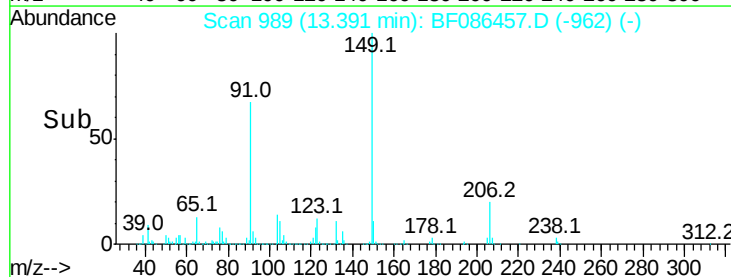
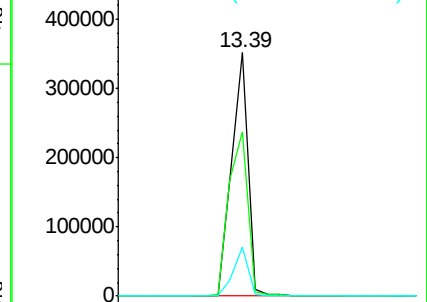
206 20.3 15.8 23.6

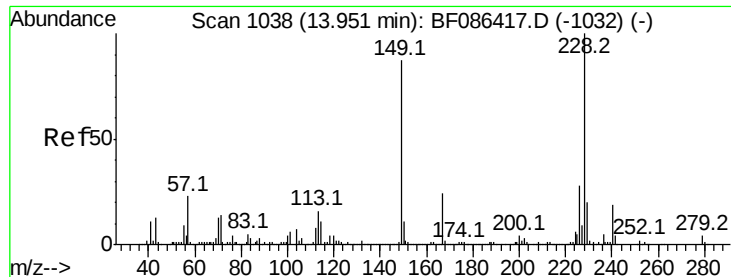


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 48.07 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

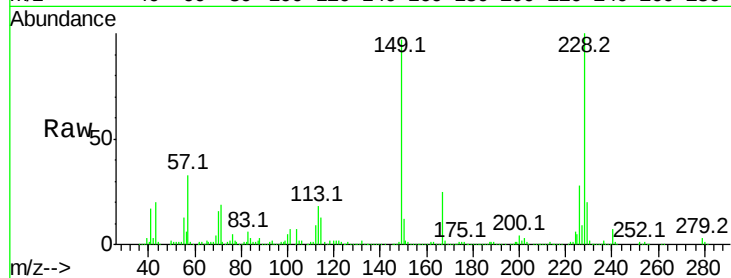
Tot Ion:228 Resp: 687441

Ion Ratio Lower Upper

228 100

226 28.0 22.5 33.7

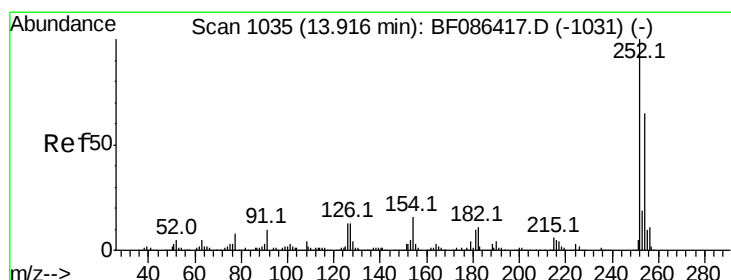
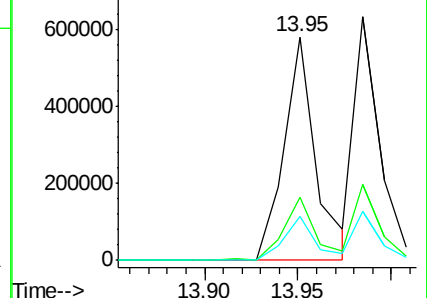
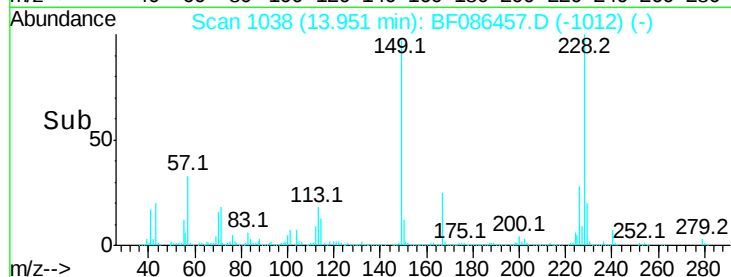
229 19.7 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 22.34 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

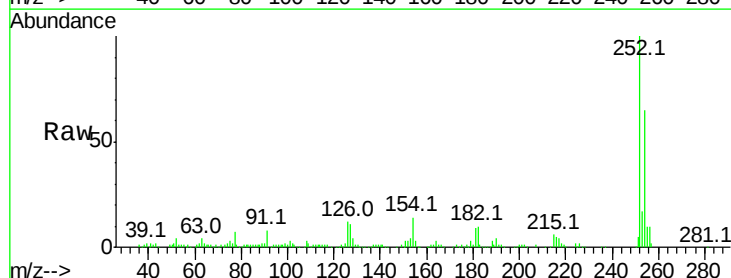
Tgt Ion:252 Resp: 213585

Ion Ratio Lower Upper

252 100

254 64.6 50.7 76.1

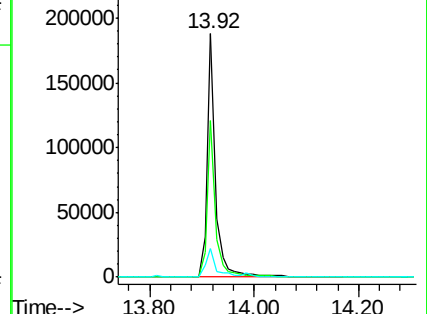
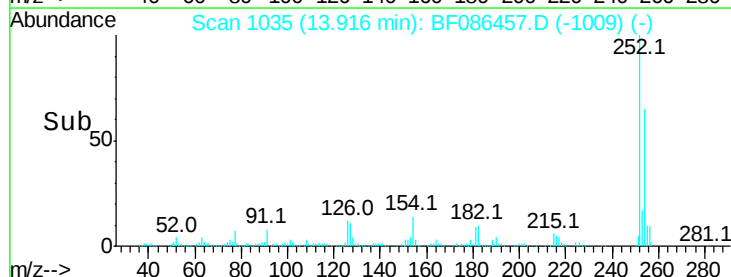
126 11.7 12.7 19.1#

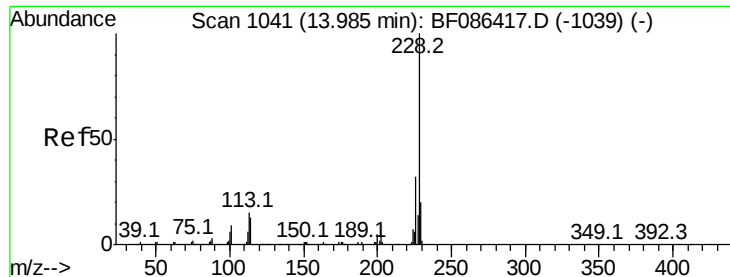


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

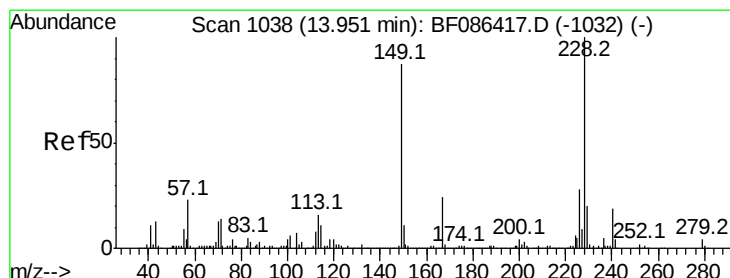
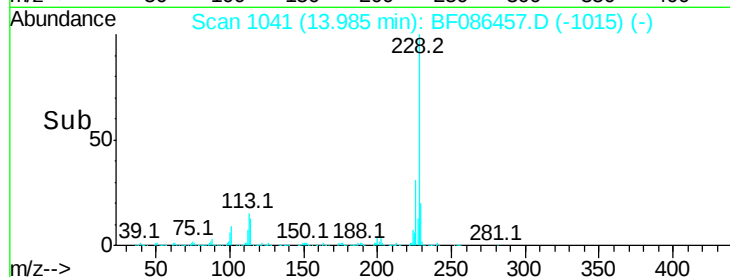
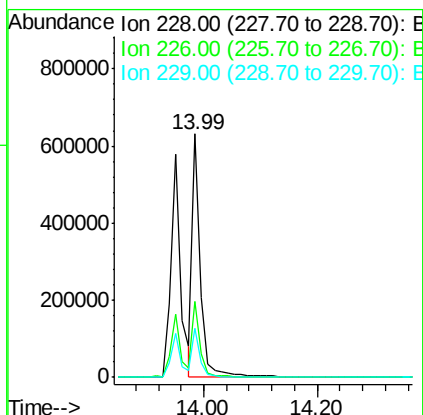
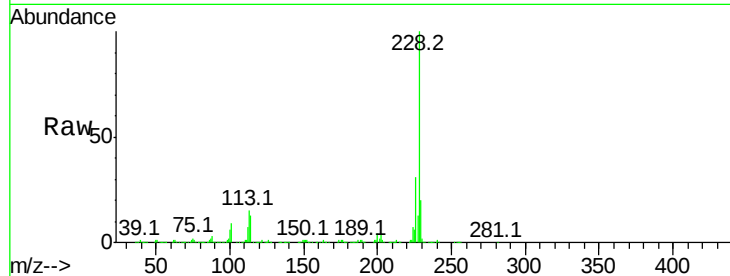




#82
 Chrysene
 Concen: 41.91 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

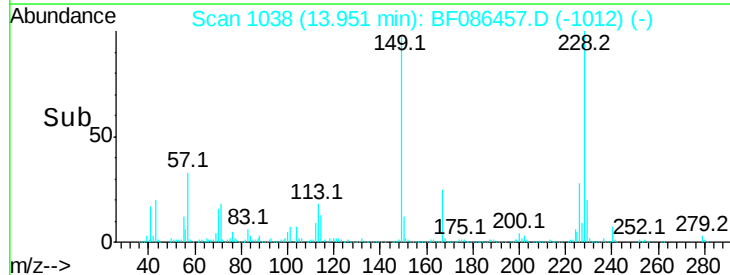
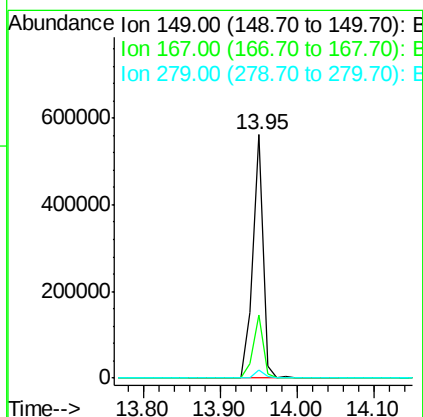
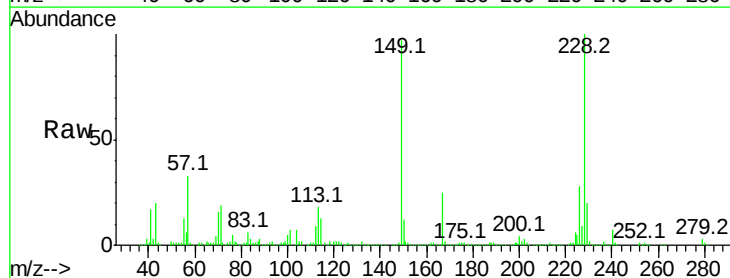
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

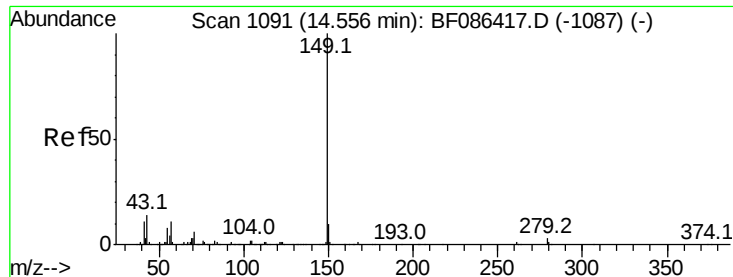
Tot Ion:228 Resp: 651551
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.4 36.6
 229 20.2 15.8 23.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.74 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. 0.00 min
 Lab File: BF086457.D
 Acq: 28 Apr 2016 7:08

Tgt Ion:149 Resp: 516841
 Ion Ratio Lower Upper
 149 100
 167 26.2 21.8 32.6
 279 3.3 2.6 4.0





#84

Di-n-octyl phthalate

Concen: 56.32 ng

RT: 14.56 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

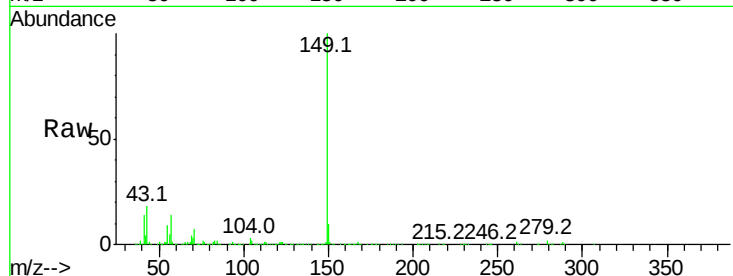
Tot Ion:149 Resp: 916508

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

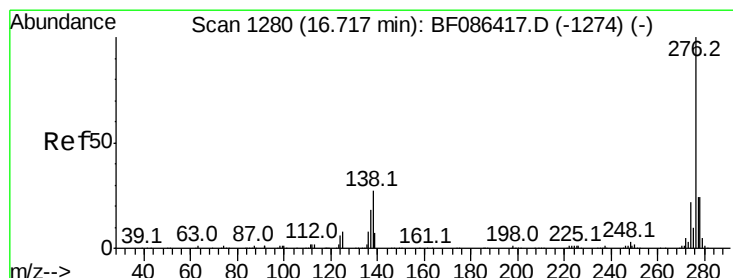
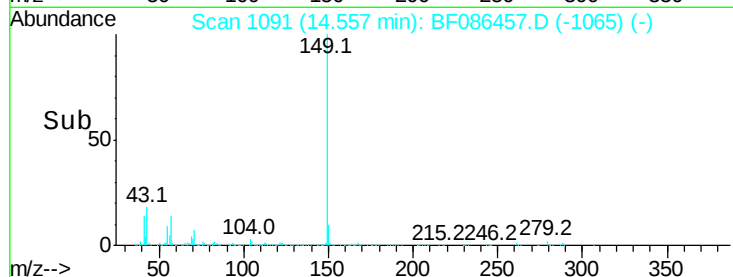
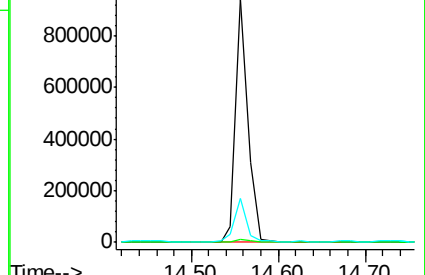
43 16.7 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.33 ng

RT: 16.73 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

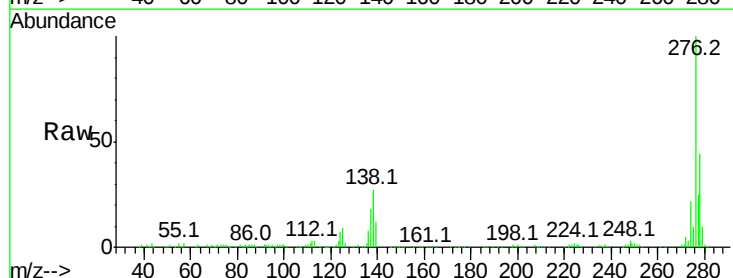
Tgt Ion:276 Resp: 476015

Ion Ratio Lower Upper

276 100

138 29.7 25.6 38.4

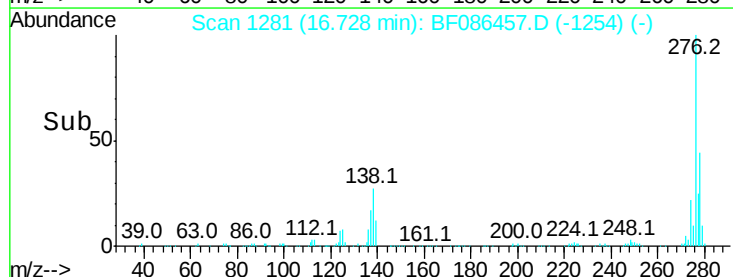
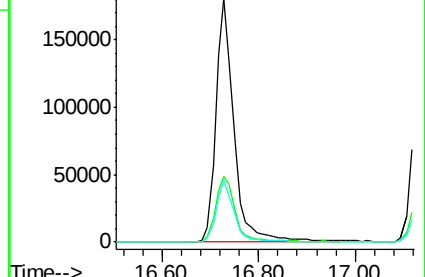
277 25.3 20.5 30.7

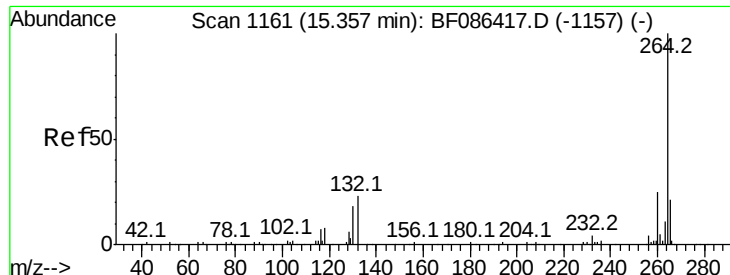


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

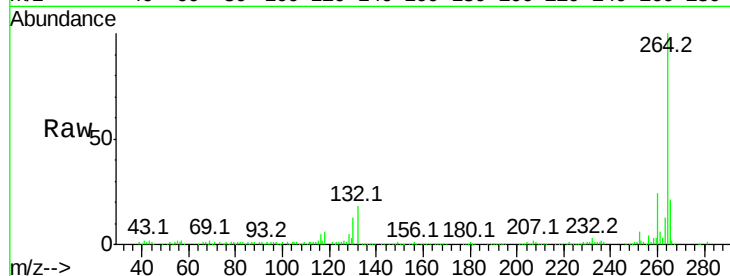




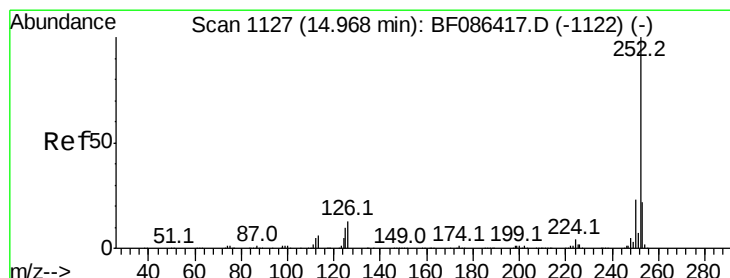
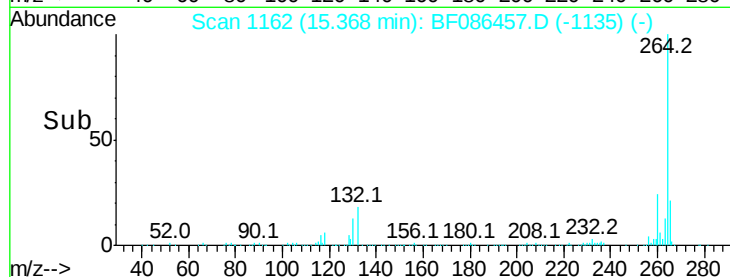
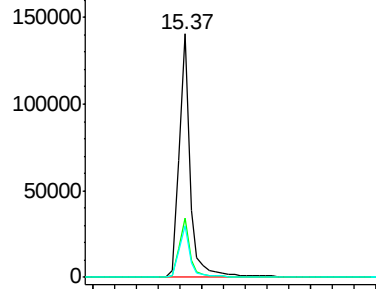
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:264 Resp: 198677
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 21.3 17.3 25.9

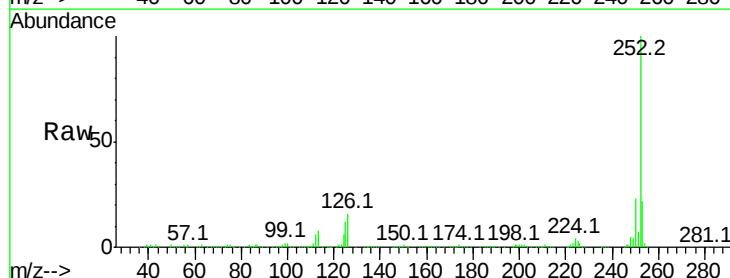


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

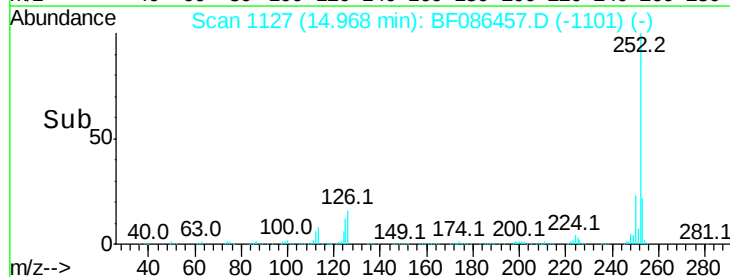
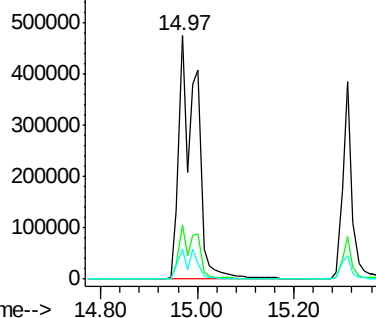


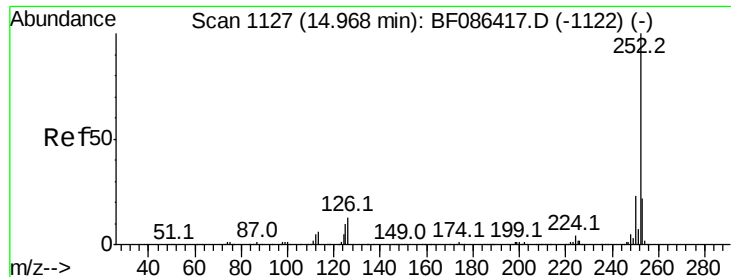
#87
Benzo(b)fluoranthene
Concen: 104.69 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:252 Resp: 1223551
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.2 11.4 17.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

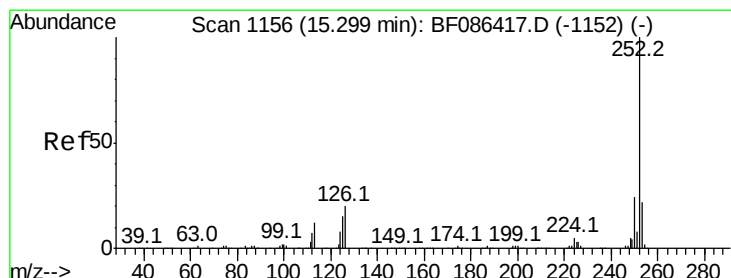
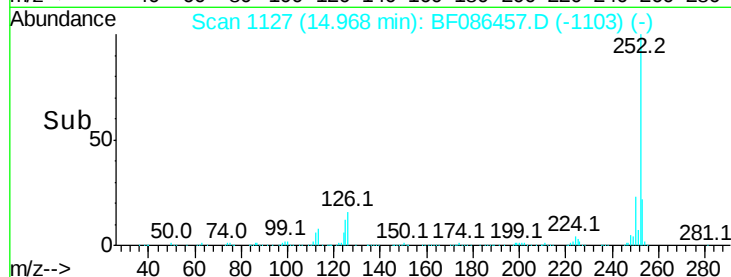
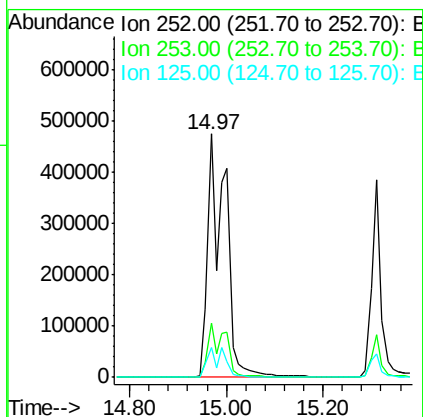
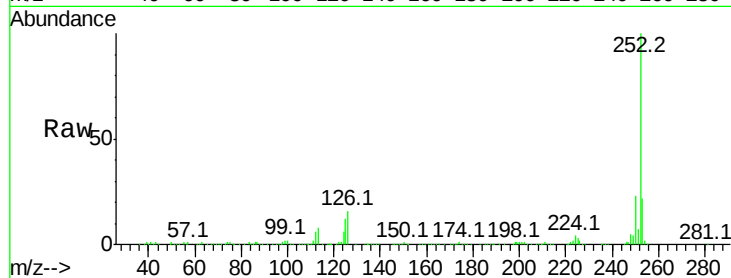




#88
Benzo(k)fluoranthene
Concen: 100.36 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

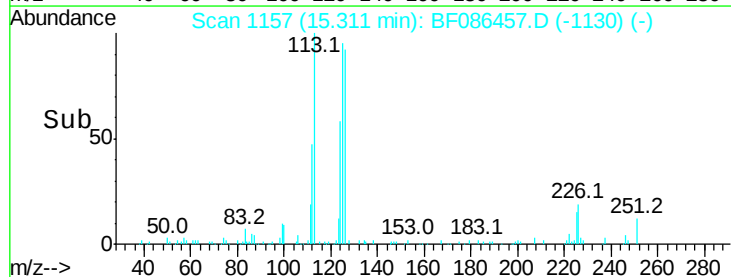
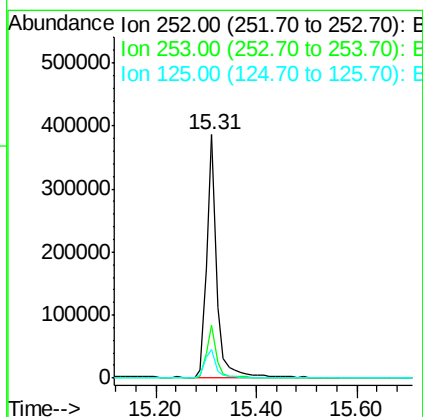
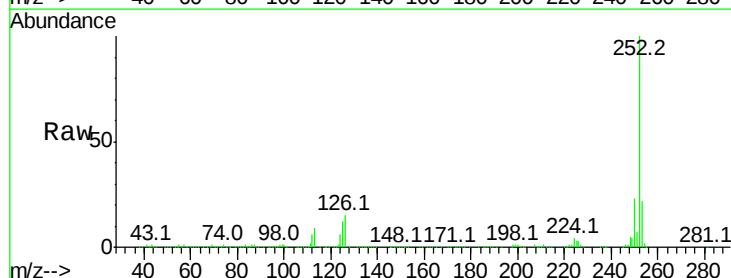
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

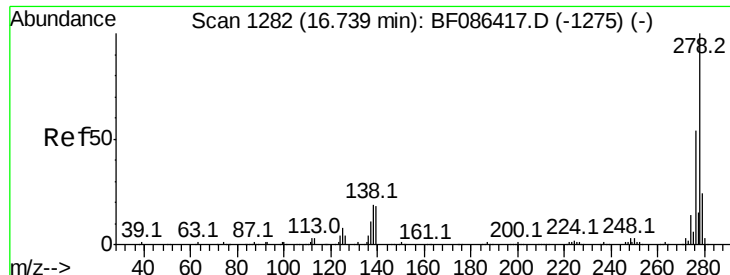
Tot Ion:252 Resp: 1223551
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.2 9.1 13.7



#89
Benzo(a)pyrene
Concen: 48.02 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:252 Resp: 529908
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 11.8 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 45.68 ng

RT: 16.74 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

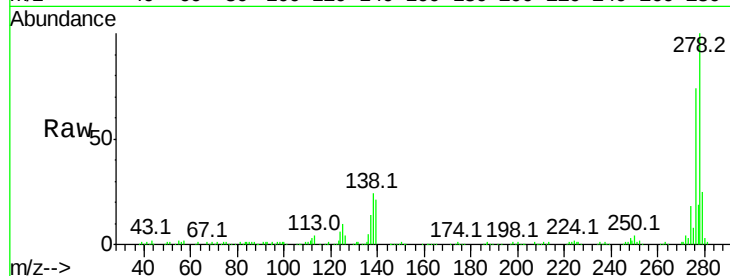
Tot Ion:278 Resp: 412467

Ion Ratio Lower Upper

278 100

139 20.6 16.6 24.8

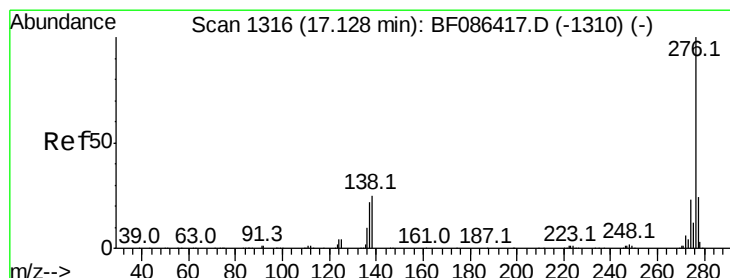
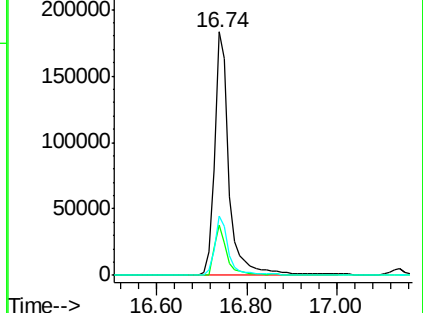
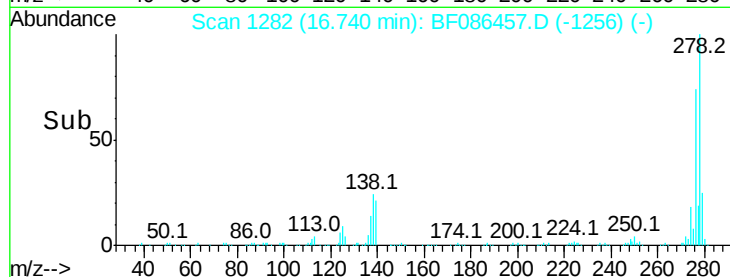
279 24.5 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 42.25 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF086457.D

Acq: 28 Apr 2016 7:08

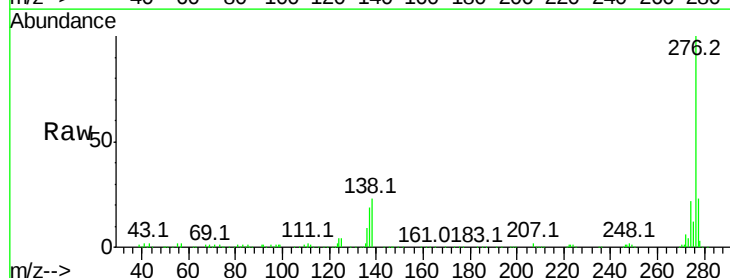
Tgt Ion:276 Resp: 382320

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 22.7 23.6 35.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

