

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042716\
 Data File : BF086456.D
 Acq On : 28 Apr 2016 6:40
 Operator : UM/SJ
 Sample : H2707-08MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

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

Quant Time: Apr 28 07:56:16 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	128930	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	470521	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	172699	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	265655	20.00	ng	0.00
75) Chrysene-d12	13.96	240	280179	20.00	ng	0.00
86) Perylene-d12	15.37	264	210356	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1179939	157.86	ng	0.02
7) Phenol-d6	6.45	99	1431987	137.26	ng	0.01
23) Nitrobenzene-d5	7.38	82	921912	105.61	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	227398	124.86	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1232014	142.36	ng	0.00
78) Terphenyl-d14	12.91	244	935715	73.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	166594	42.43	ng	# 74
3) Pyridine	3.13	79	424192	45.65	ng	# 73
4) n-Nitrosodimethylamine	3.08	42	296540	55.99	ng	# 59
6) Aniline	6.48	93	172843	13.69	ng	# 93
8) 2-Chlorophenol	6.59	128	402198	43.20	ng	# 82
9) Benzaldehyde	6.35	77	74918	12.34	ng	# 95
10) Phenol	6.46	94	574606	49.37	ng	# 84
11) bis(2-Chloroethyl)ether	6.54	93	456044	45.32	ng	# 86
12) 1,3-Dichlorobenzene	6.75	146	468473	46.78	ng	# 99
13) 1,4-Dichlorobenzene	6.83	146	455522	44.09	ng	# 99
14) 1,2-Dichlorobenzene	6.98	146	447485	47.23	ng	# 99
15) Benzyl Alcohol	6.96	79	371428	56.28	ng	# 93
16) 2,2'-oxybis(1-Chloropropan	7.09	45	947858	47.06	ng	# 88
17) 2-Methylphenol	7.07	107	345160	45.87	ng	# 93
18) Hexachloroethane	7.32	117	142756	36.97	ng	# 91
19) n-Nitroso-di-n-propylamine	7.23	70	341025	49.45	ng	# 75
20) 3+4-Methylphenols	7.23	107	412414	48.00	ng	# 80
22) Acetophenone	7.22	105	583882	56.59	ng	# 91
24) Nitrobenzene	7.39	77	419029	46.66	ng	# 95
25) Isophorone	7.63	82	826287	49.18	ng	# 98
26) 2-Nitrophenol	7.71	139	128549	31.09	ng	# 89
27) 2,4-Dimethylphenol	7.76	122	363718	50.14	ng	# 92
28) bis(2-Chloroethoxy)methane	7.85	93	522144	57.05	ng	# 99
29) 2,4-Dichlorophenol	7.95	162	285118	46.58	ng	# 93
30) 1,2,4-Trichlorobenzene	8.04	180	352884	49.70	ng	# 98
31) Naphthalene	8.12	128	1147282	47.92	ng	# 99
32) Benzoic acid	7.84	122	59491	19.85	ng	# 91
33) 4-Chloroaniline	8.17	127	83059	9.26	ng	# 97
34) Hexachlorobutadiene	8.24	225	199089	50.02	ng	# 98
35) Caprolactam	8.53	113	85418	41.83	ng	# 87
36) 4-Chloro-3-methylphenol	8.66	107	301014	42.95	ng	# 95
37) 2-Methylnaphthalene	8.81	142	685863	48.55	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	258548	52.30	ng	# 98
40) Hexachlorocyclopentadiene	8.96	237	25343	10.32	ng	# 96

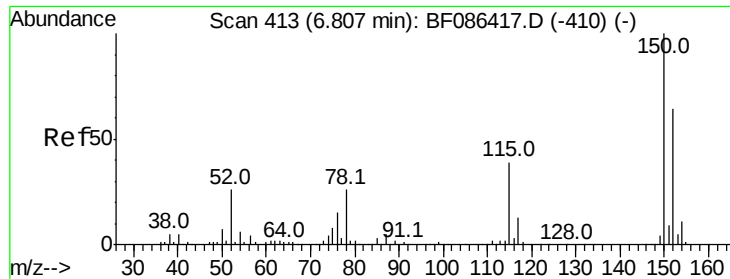
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	152235	48.72	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	157767	46.32	nq	# 88
45) 1,1'-Biphenyl	9.28	154	790632	54.77	nq	99
46) 2-Chloronaphthalene	9.30	162	584270	53.23	nq	99
47) 2-Nitroaniline	9.39	65	208425	59.22	nq	# 80
48) Acenaphthylene	9.71	152	854628	49.82	nq	99
49) Dimethylphthalate	9.57	163	785764	60.44	nq	100
50) 2,6-Dinitrotoluene	9.63	165	115004	42.82	nq	# 81
51) Acenaphthene	9.88	154	522645	47.43	nq	99
52) 3-Nitroaniline	9.80	138	126781	41.50	nq	98
53) 2,4-Dinitrophenol	9.95	184	699	8.26	nq	# 1
54) Dibenzofuran	10.05	168	721015	52.35	nq	98
55) 4-Nitrophenol	9.96	139	158705	79.35	nq	# 57
56) 2,4-Dinitrotoluene	10.03	165	131169	38.31	nq	# 85
57) Fluorene	10.40	166	515852	43.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	125003	46.95	nq	# 94
59) Diethylphthalate	10.27	149	614478	49.93	nq	99
60) 4-Chlorophenyl-phenylether	10.38	204	241202	44.43	nq	95
61) 4-Nitroaniline	10.41	138	139828	46.83	nq	# 74
62) Azobenzene	10.54	77	654251	48.53	nq	91
65) n-Nitrosodiphenylamine	10.51	169	439778	52.97	nq	100
66) 4-Bromophenyl-phenylether	10.88	248	144266	52.70	nq	# 88
67) Hexachlorobenzene	10.94	284	147349	46.50	nq	# 94
68) Atrazine	11.04	200	127583	51.17	nq	96
69) Pentachlorophenol	11.14	266	160929	96.33	nq	97
70) Phenanthrene	11.36	178	688237	49.37	nq	99
71) Anthracene	11.40	178	759482	51.05	nq	100
72) Carbazole	11.56	167	730669	55.41	nq	99
73) Di-n-butylphthalate	11.89	149	794721	53.20	nq	99
74) Fluoranthene	12.53	202	789277	56.09	nq	99
76) Benzidine	12.66	184	148548	15.43	nq	96
77) Pyrene	12.76	202	819277	40.58	nq	100
79) Butylbenzylphthalate	13.39	149	399704	45.72	nq	94
80) Benzo(a)anthracene	13.95	228	730275	48.89	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	203905	20.42	nq	# 96
82) Chrysene	13.99	228	695286	42.82	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	539279	49.69	nq	99
84) Di-n-octyl phthalate	14.56	149	976376	57.45	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.73	276	510139	42.40	nq	97
87) Benzo(b)fluoranthene	14.97	252	1324161	107.00	nq	98
88) Benzo(k)fluoranthene	14.97	252	1324161	102.59	nq	99
89) Benzo(a)pyrene	15.31	252	571380	48.90	nq	98
90) Dibenzo(a,h)anthracene	16.75	278	442428	46.27	nq	# 94
91) Benzo(g,h,i)perylene	17.14	276	406382	42.41	nq	94

(#) = 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: BF086456.D

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BNA_F

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RICHMOND-AMBOY-SB09(0.5-6.0)M

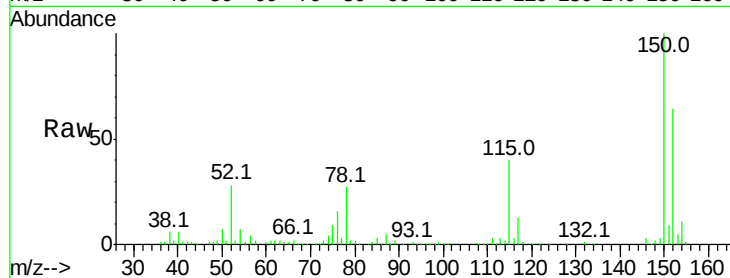
Tot Ion:152 Resp: 128930

Ion Ratio Lower Upper

152 100

150 156.9 125.8 188.6

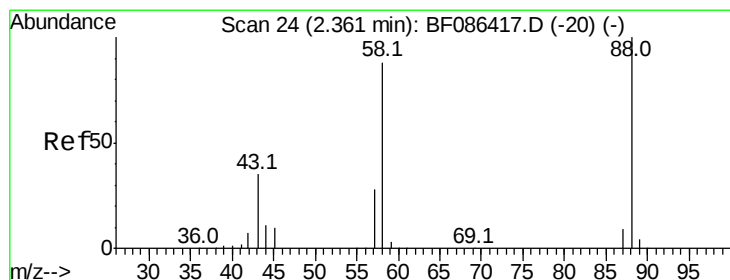
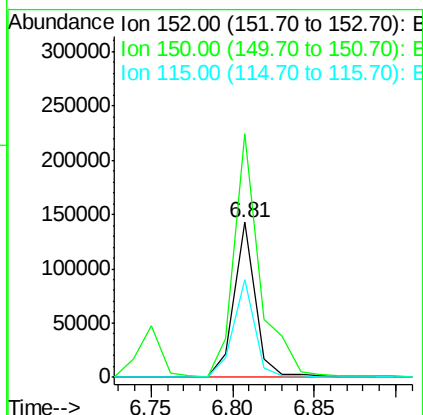
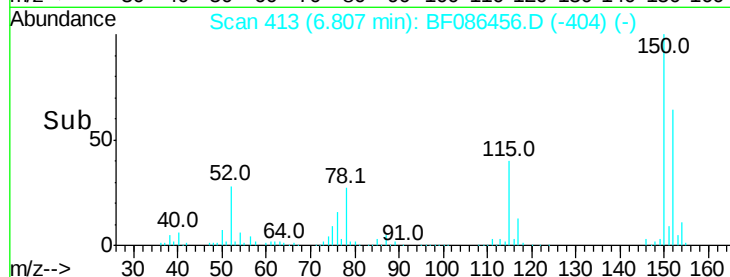
115 63.0 51.5 77.3



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: 42.43 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.07 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

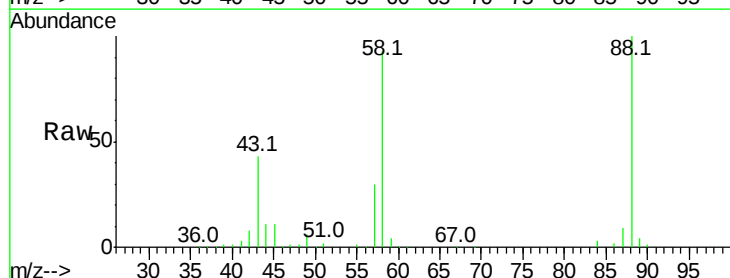
Tgt Ion: 88 Resp: 166594

Ion Ratio Lower Upper

88 100

58 94.6 59.6 89.4#

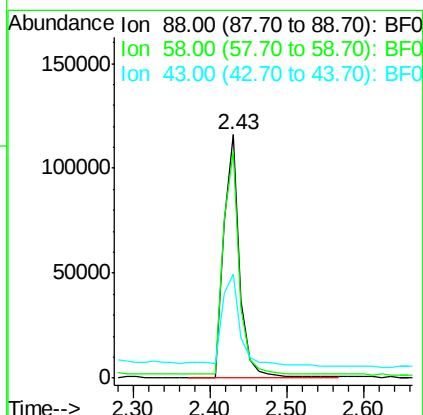
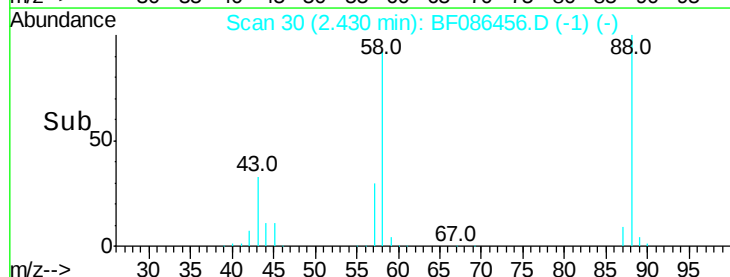
43 44.3 21.8 32.6#

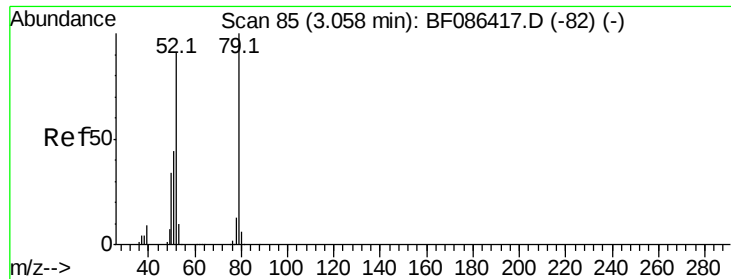


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

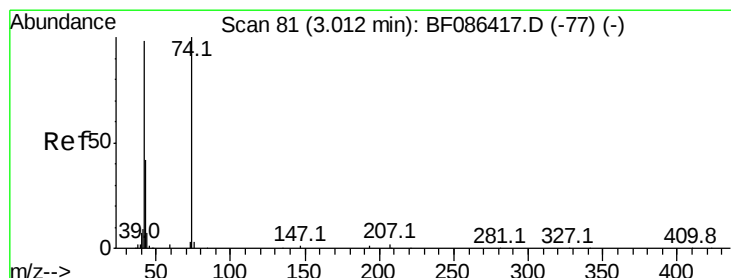
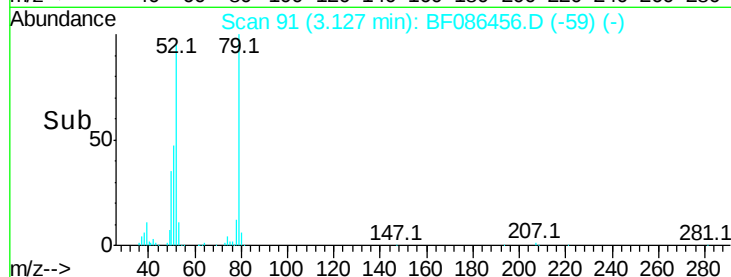
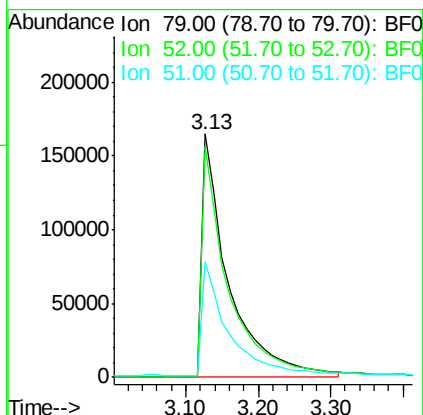
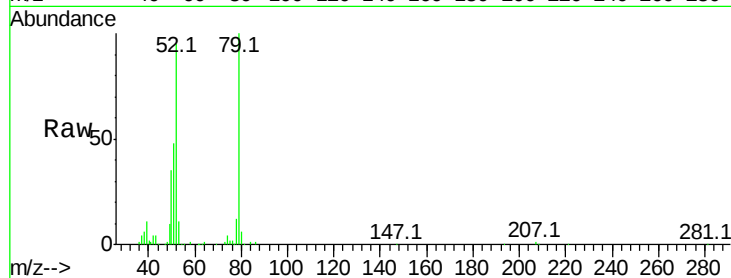




#3
 Pvridine
 Concen: 45.65 ng
 RT: 3.13 min Scan# 91
 Delta R.T. 0.07 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

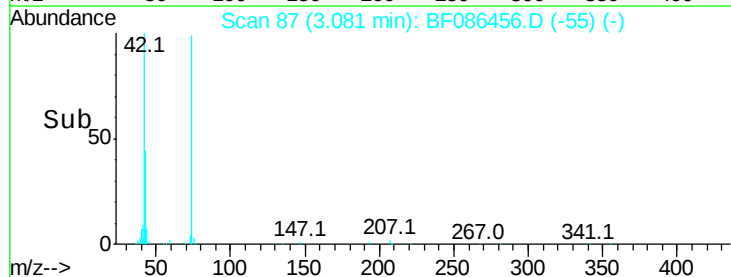
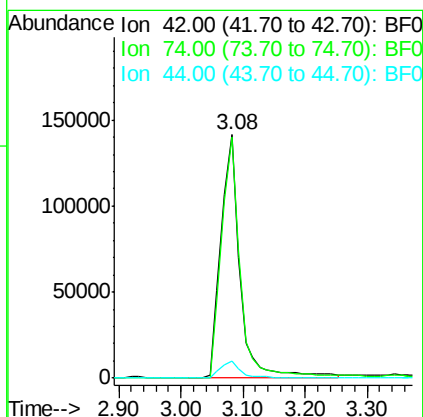
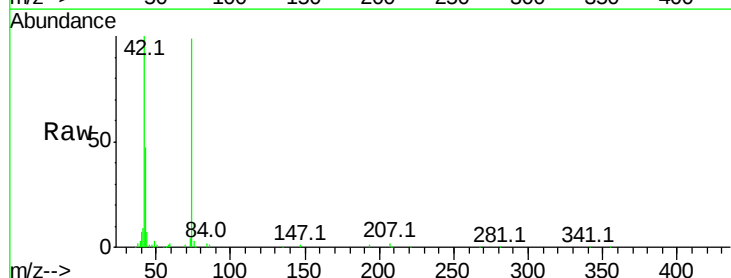
Instrument :
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 RICHMOND-AMBOY-SB09(0.5-6.0)M

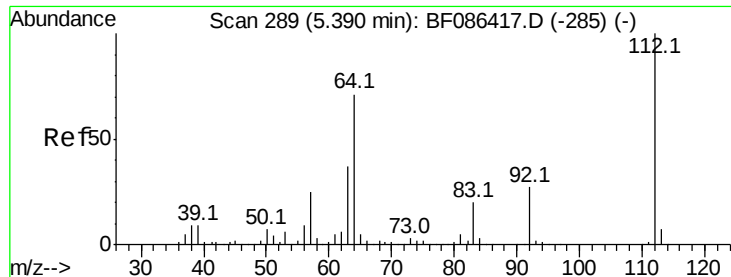
Tot Ion: 79 Resp: 424192
 Ion Ratio Lower Upper
 79 100
 52 94.6 55.9 83.9#
 51 47.6 28.1 42.1#



#4
 n-Nitrosodimethylamine
 Concen: 55.99 ng
 RT: 3.08 min Scan# 87
 Delta R.T. 0.07 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion: 42 Resp: 296540
 Ion Ratio Lower Upper
 42 100
 74 98.9 123.4 185.0#
 44 6.8 5.8 8.6





#5

2-Fluorophenol

Concen: 157.86 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.02 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

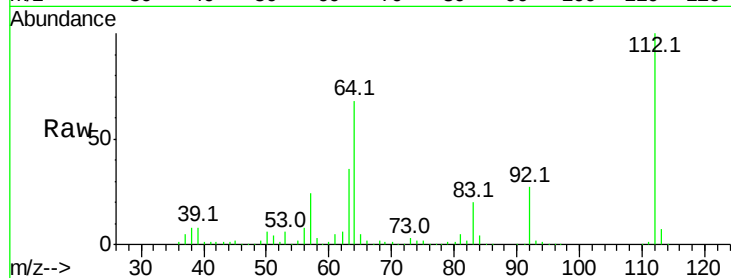
Tot Ion:112 Resp: 1179939

Ion Ratio Lower Upper

112 100

64 67.7 52.1 78.1

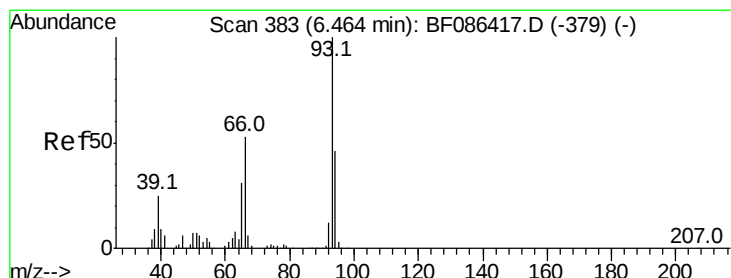
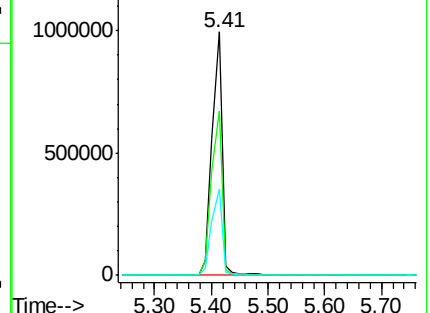
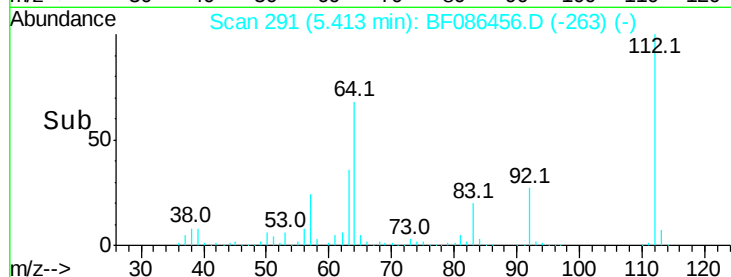
63 35.6 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.69 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

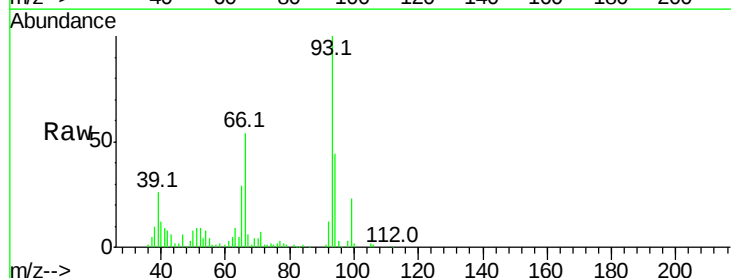
Tgt Ion: 93 Resp: 172843

Ion Ratio Lower Upper

93 100

66 53.5 39.0 58.6

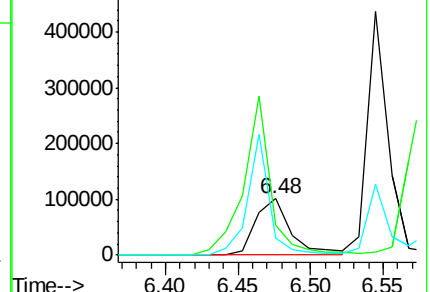
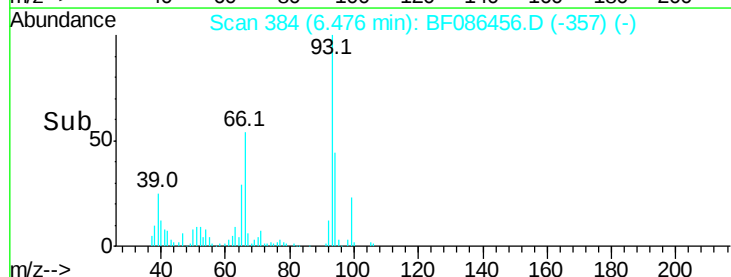
65 29.4 20.6 31.0

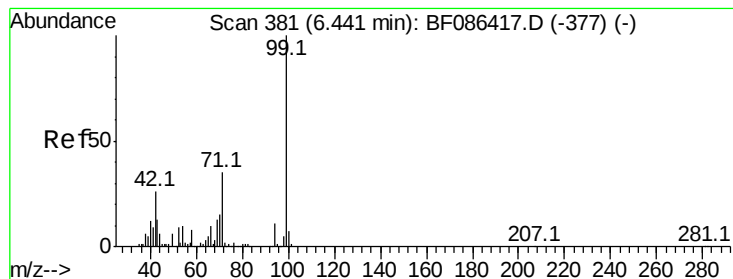


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.26 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

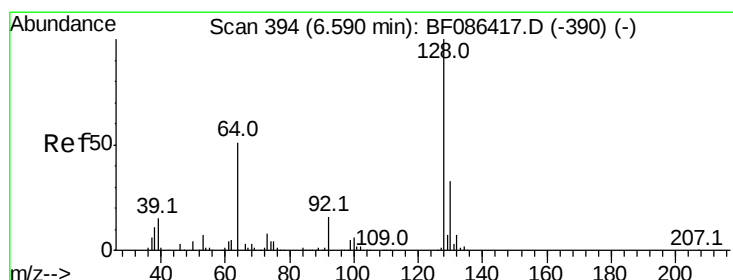
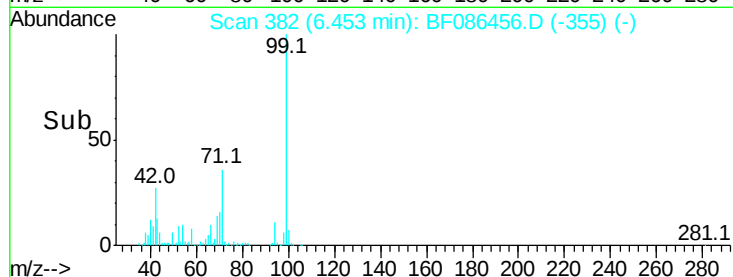
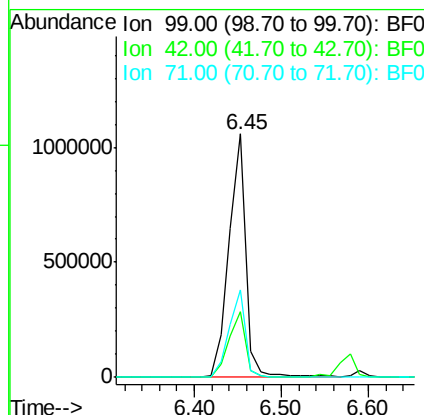
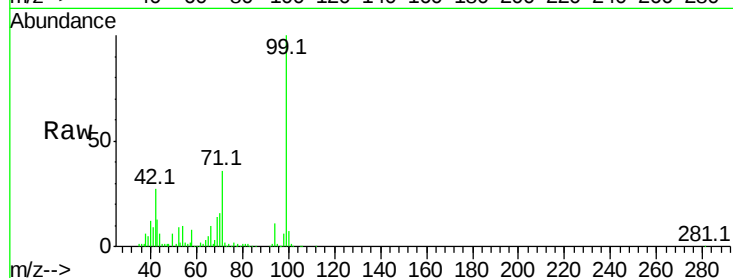
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Tot Ion: 99 Resp: 1431987

Ion	Ratio	Lower	Upper
99	100		
42	26.8	13.6	20.4#
71	36.2	24.6	36.8



#8

2-Chlorophenol

Concen: 43.20 ng

RT: 6.59 min Scan# 394

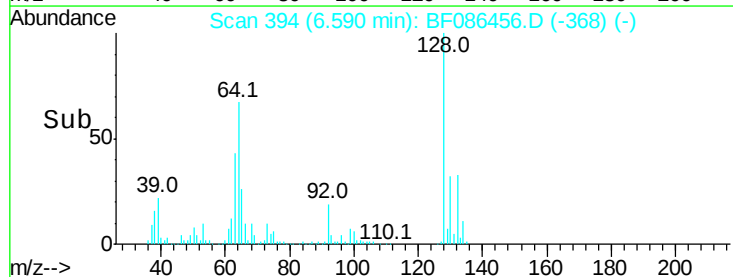
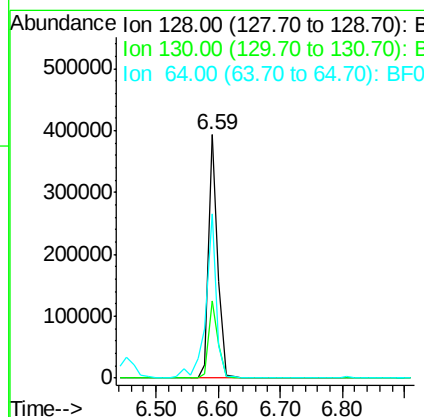
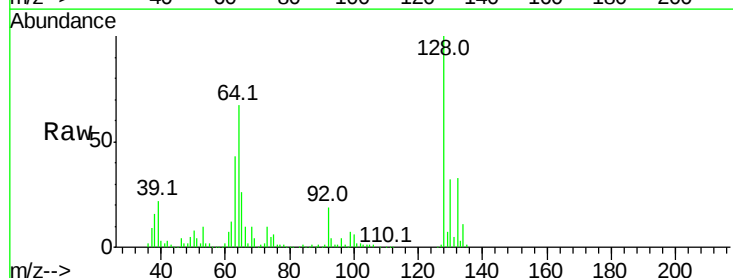
Delta R.T. 0.00 min

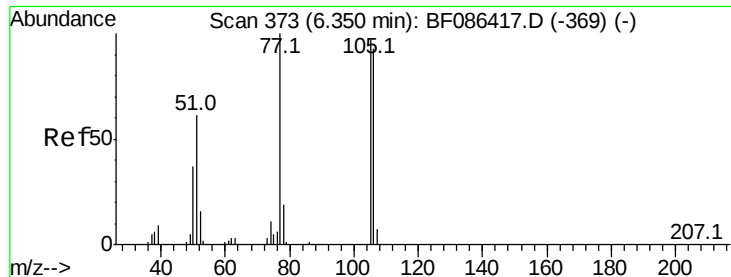
Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Tgt Ion: 128 Resp: 402198

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.5	52.5
64	67.3	27.3	67.3#





#9

Benzaldehyde

Concen: 12.34 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF086456.D

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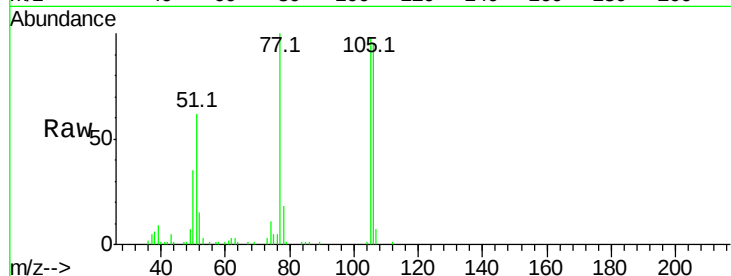
Tot Ion: 77 Resp: 74918

Ion Ratio Lower Upper

77 100

105 98.1 72.7 112.7

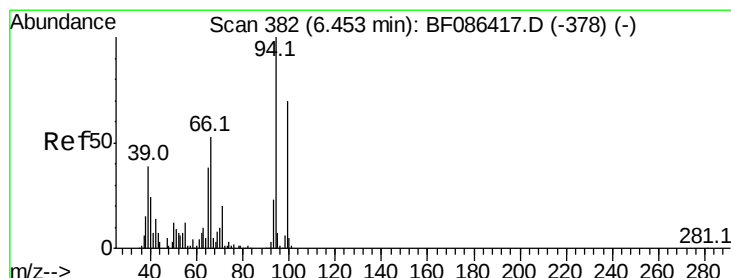
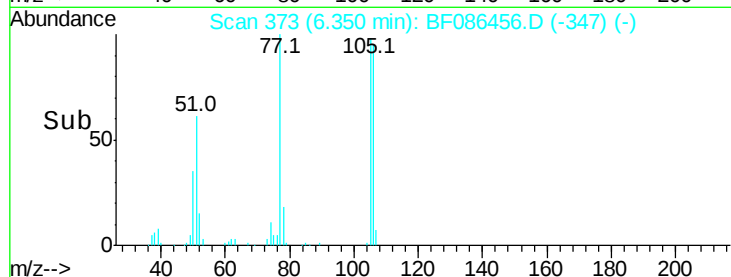
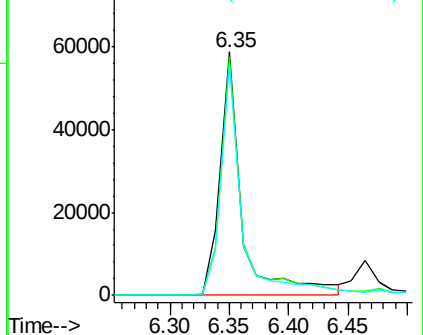
106 94.9 70.8 110.8



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: 49.37 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF086456.D

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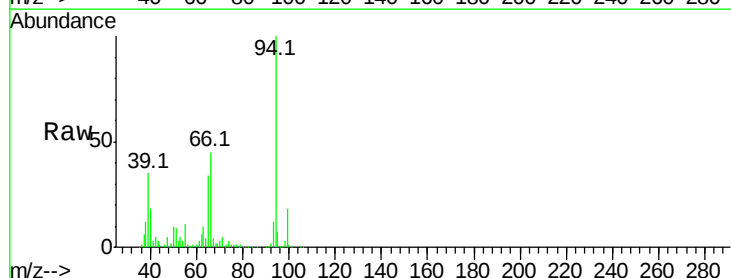
Tgt Ion: 94 Resp: 574606

Ion Ratio Lower Upper

94 100

65 34.5 7.2 47.2

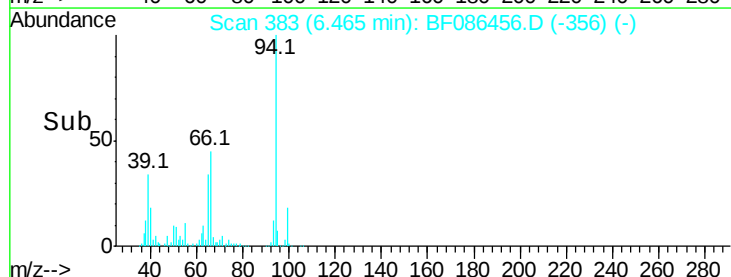
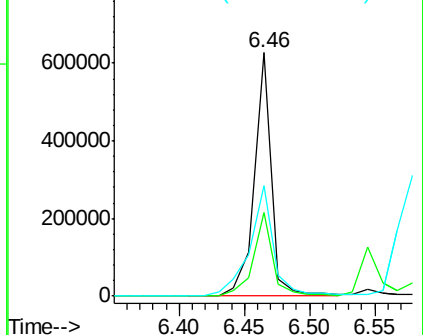
66 45.5 14.9 54.9

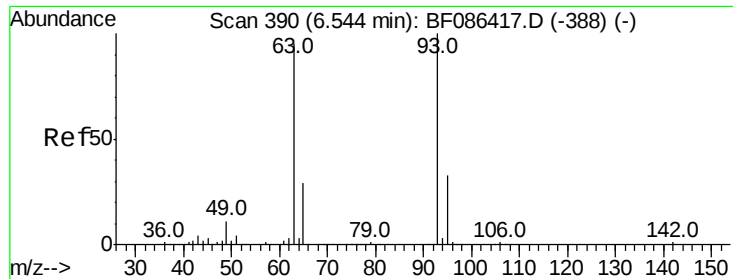


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.32 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

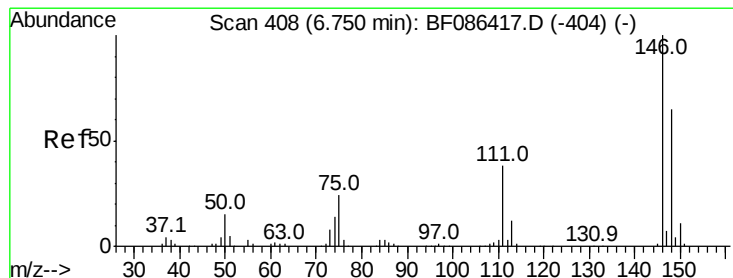
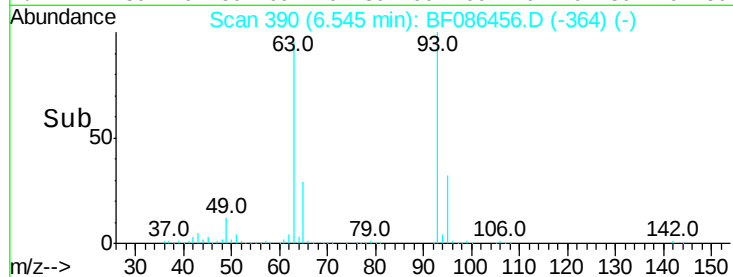
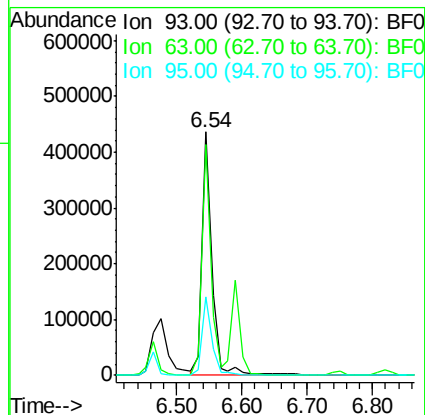
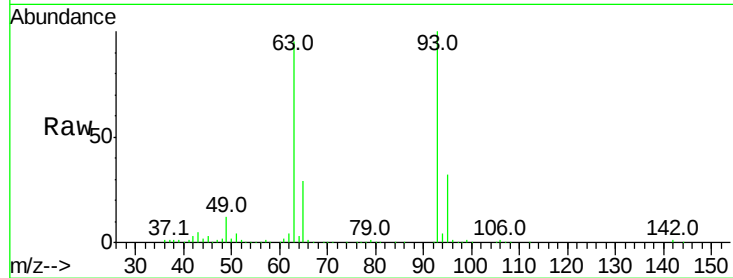
Tot Ion: 93 Resp: 456044

Ion Ratio Lower Upper

93 100

63 95.0 58.0 98.0

95 32.2 11.9 51.9



#12

1,3-Dichlorobenzene

Concen: 46.78 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

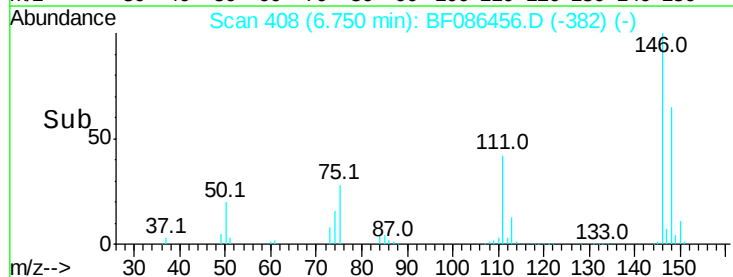
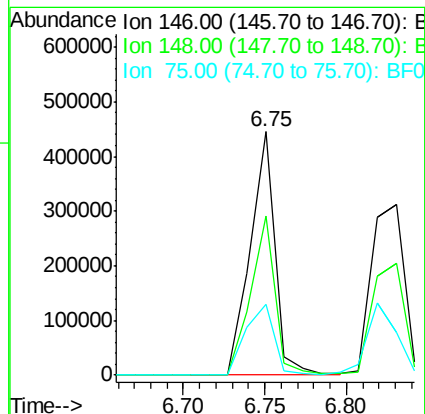
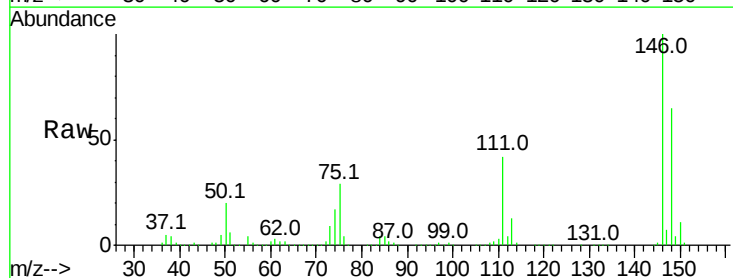
Tgt Ion: 146 Resp: 468473

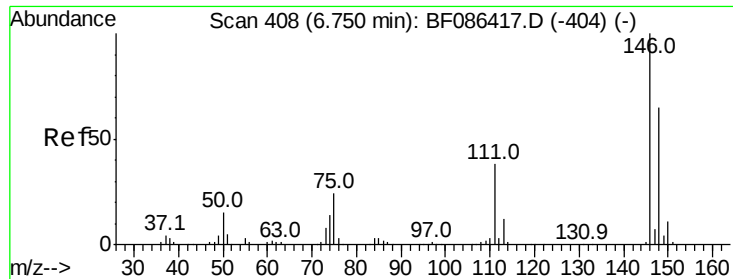
Ion Ratio Lower Upper

146 100

148 65.2 52.4 78.6

75 28.9 22.8 34.2





#13

1,4-Dichlorobenzene

Concen: 44.09 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

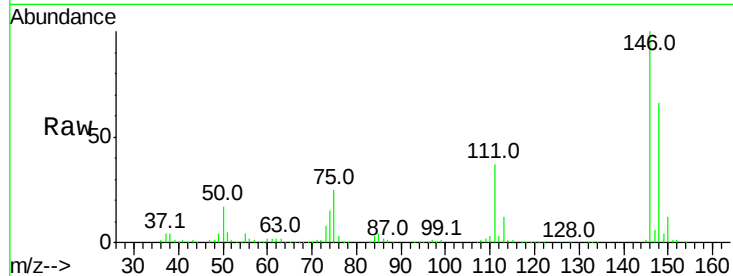
Tot Ion:146 Resp: 455522

Ion Ratio Lower Upper

146 100

148 65.5 52.2 78.4

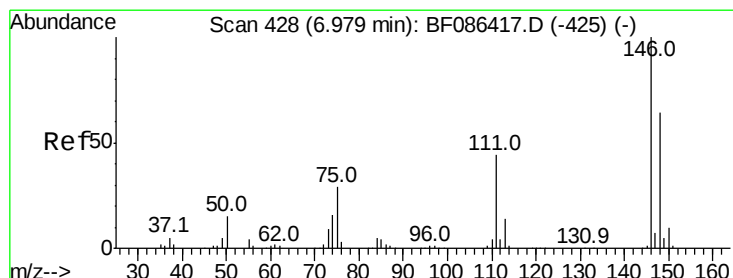
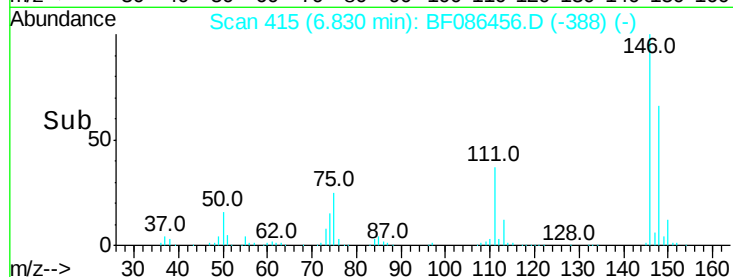
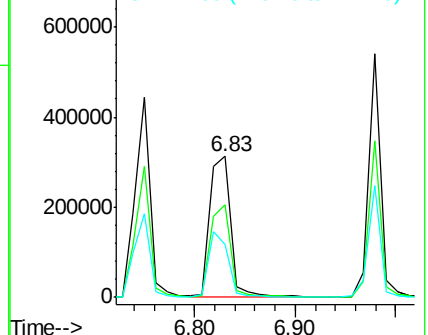
111 37.2 30.7 46.1



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: 47.23 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

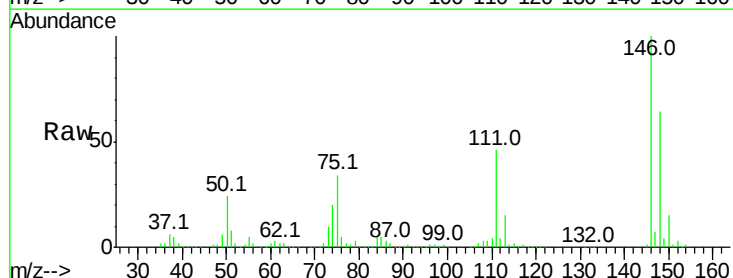
Tgt Ion:146 Resp: 447485

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.6

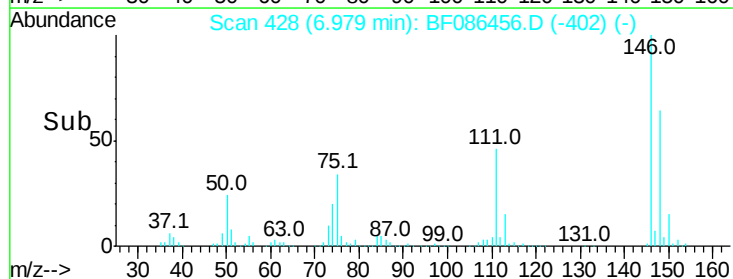
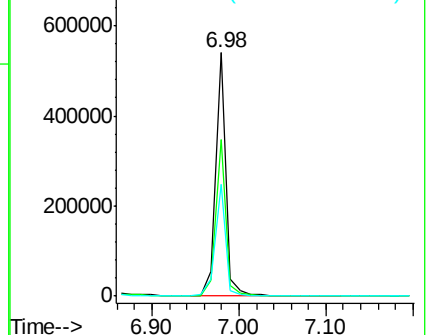
111 45.9 36.2 54.4

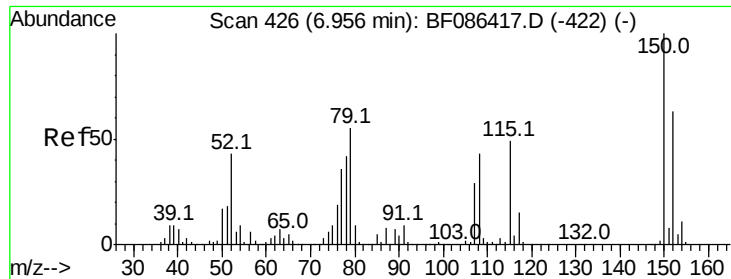


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

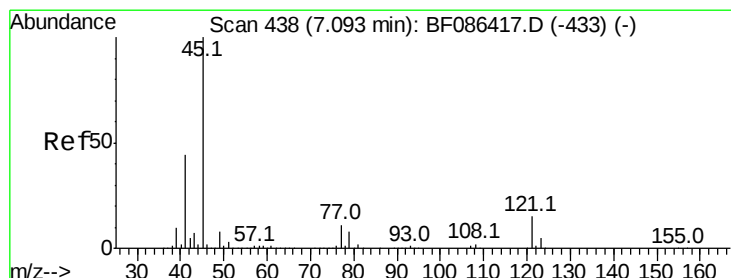
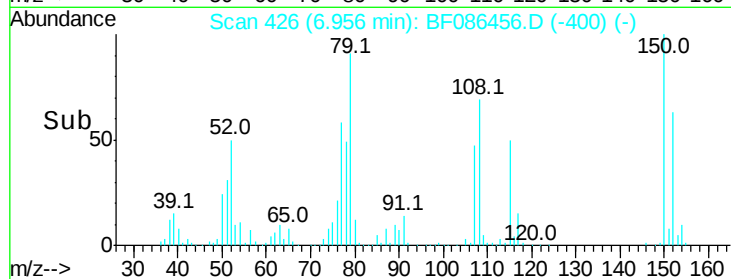
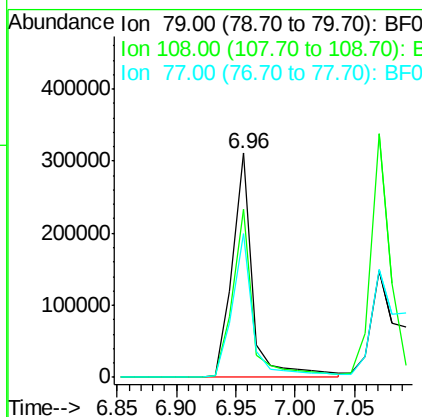
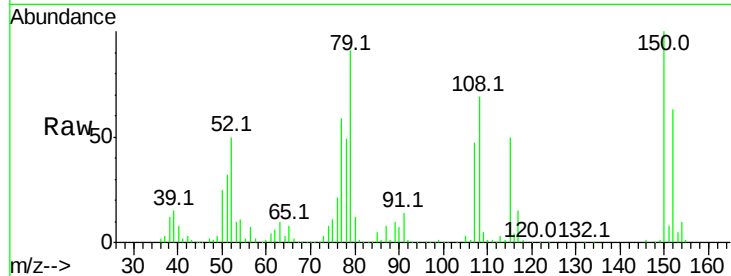




#15
Benzyl Alcohol
Concen: 56.28 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

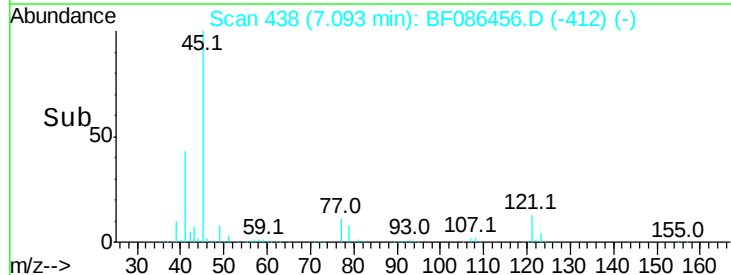
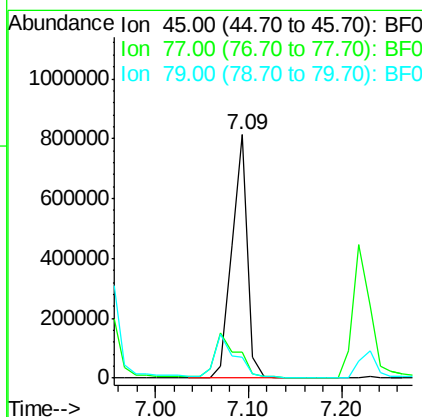
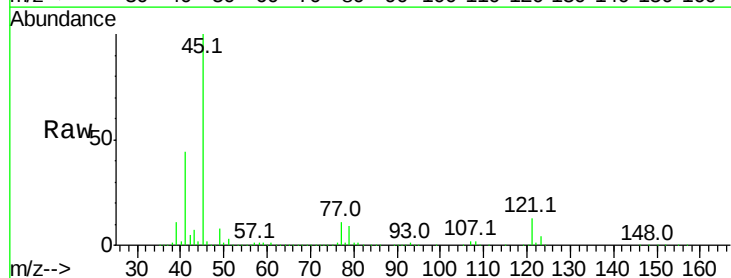
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

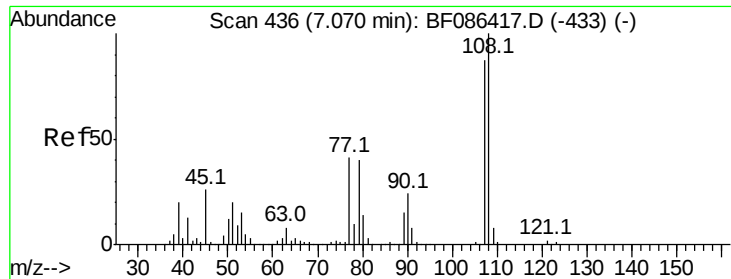
Tot Ion: 79 Resp: 371428
Ion Ratio Lower Upper
79 100
108 75.3 68.4 102.6
77 64.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.06 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion: 45 Resp: 947858
Ion Ratio Lower Upper
45 100
77 10.9 0.0 36.4
79 8.6 0.0 33.4





#17

2-Methylphenol

Concen: 45.87 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:107 Resp: 345160

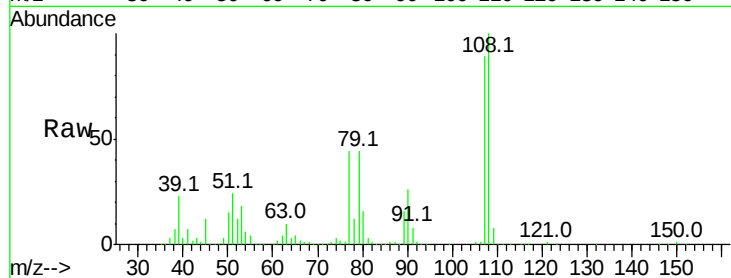
Ion Ratio Lower Upper

107 100

108 112.3 93.7 140.5

77 49.7 33.4 50.0

79 49.0 34.3 51.5

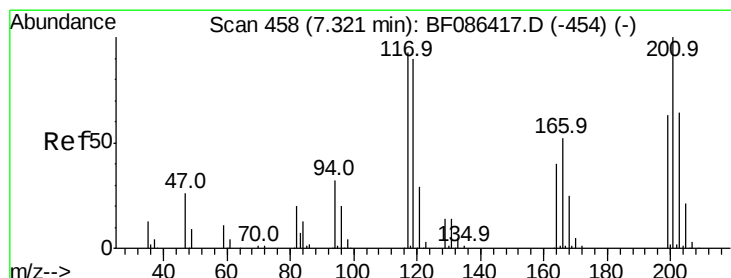
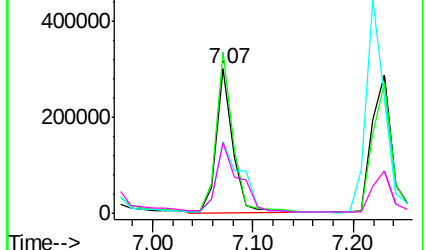
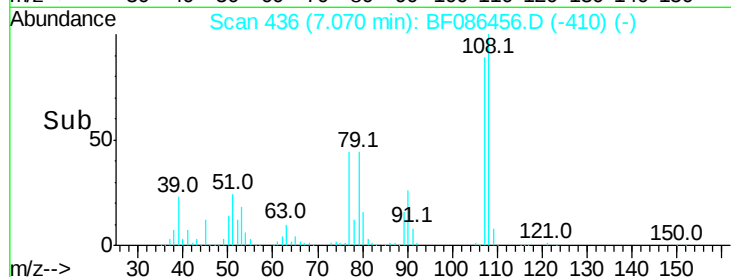


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.97 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

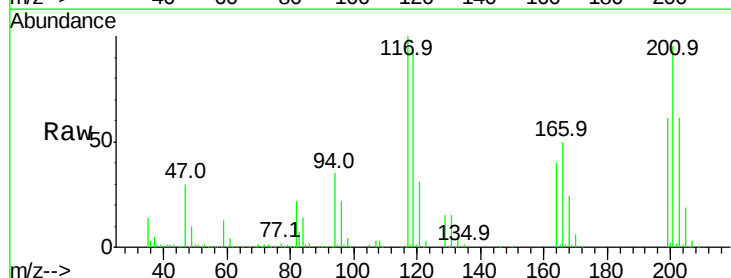
Tgt Ion:117 Resp: 142756

Ion Ratio Lower Upper

117 100

119 93.6 76.5 114.7

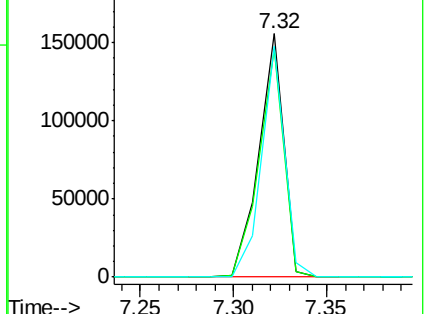
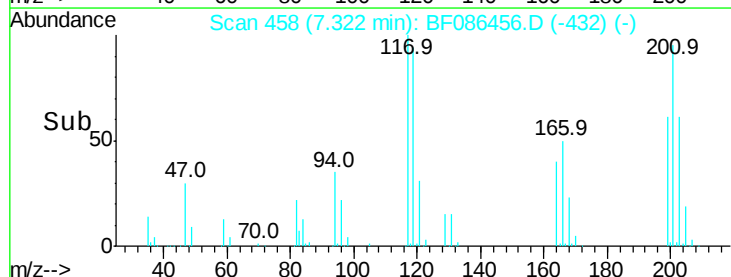
201 94.8 63.0 94.6#

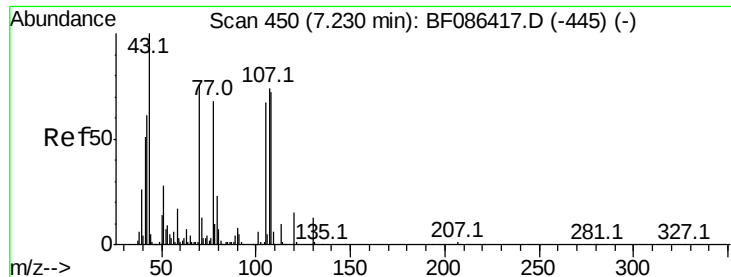


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

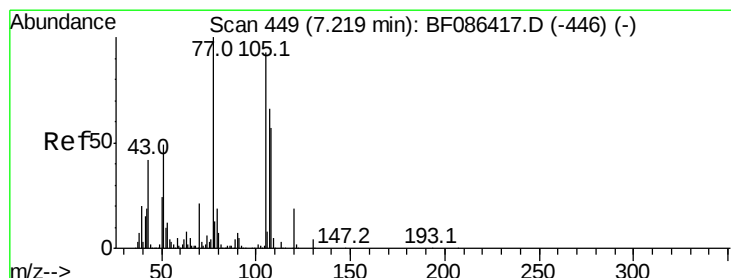
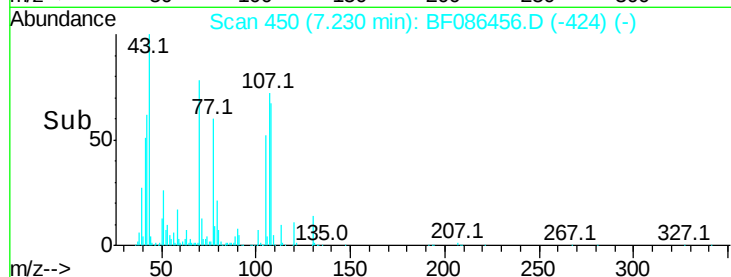
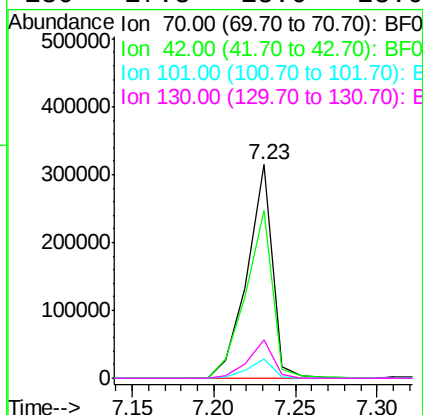
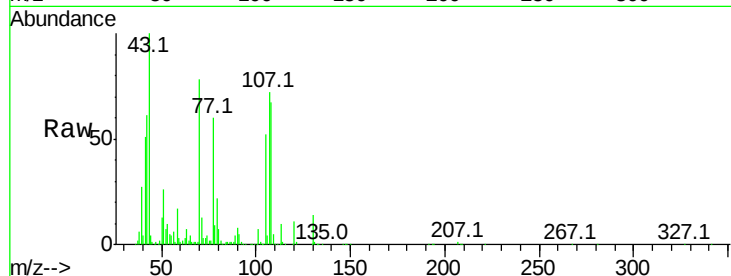




#19
n-Nitroso-di-n-propylamine
Concen: 49.45 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

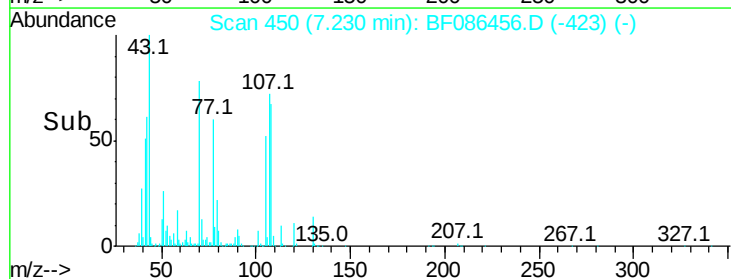
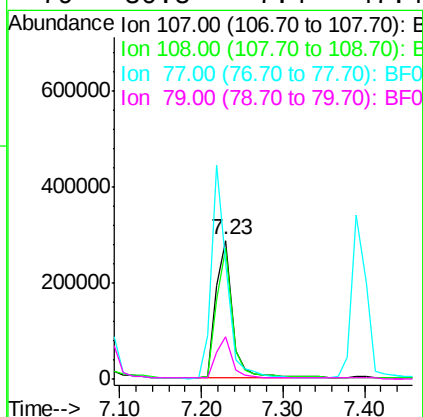
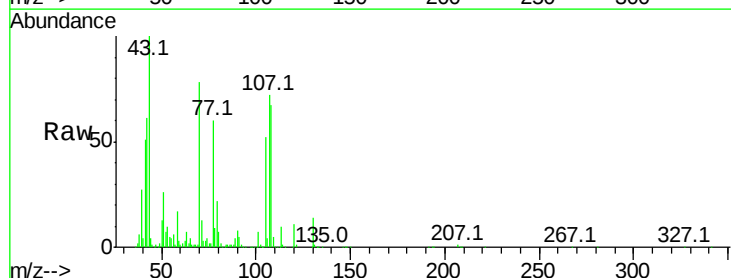
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

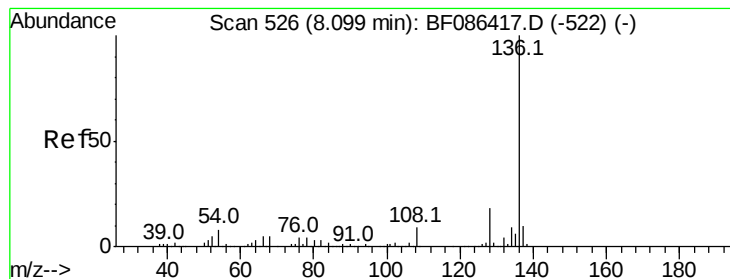
Tot Ion	Ratio	Lower	Upper
70	100		
42	78.8	43.1	64.7#
101	8.8	8.1	12.1
130	17.8	18.6	28.0#



#20
3+4-Methylphenols
Concen: 48.00 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.8	68.5	108.5
77	83.8	101.6	141.6#
79	30.8	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: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:136 Resp: 470521

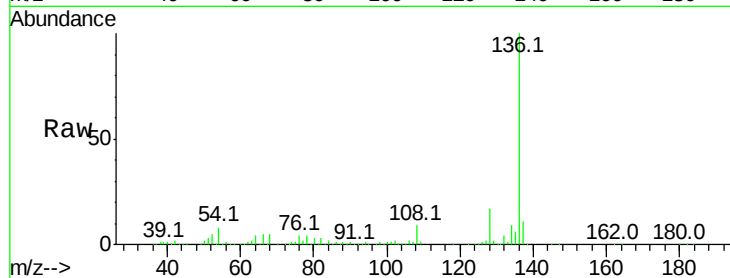
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.3 5.0 7.4#

68 5.3 4.4 6.6

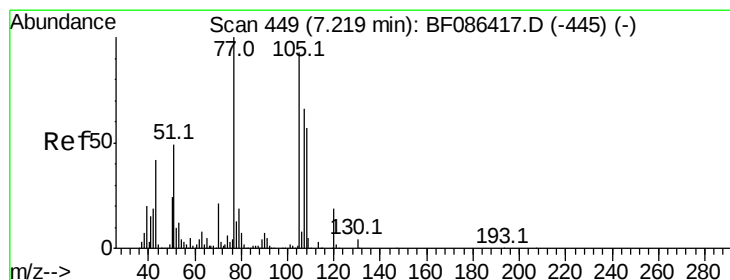
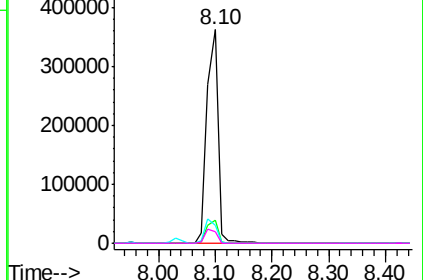
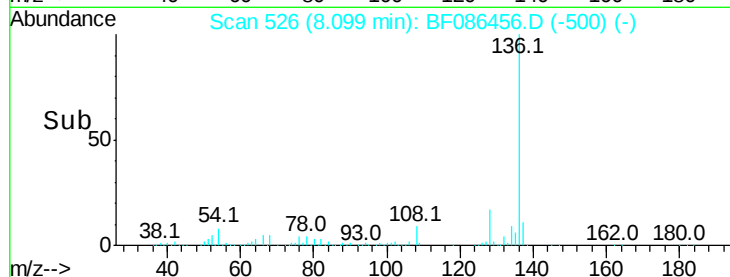


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.59 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Tgt Ion:105 Resp: 583882

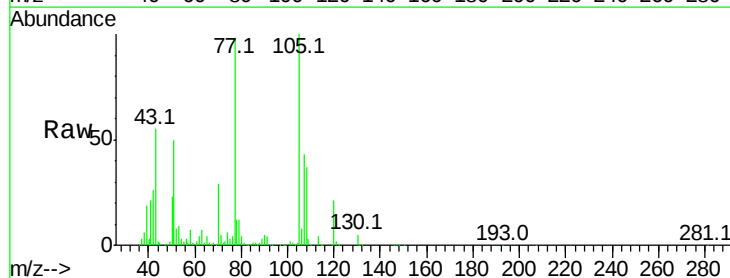
Ion Ratio Lower Upper

105 100

71 4.9 4.8 7.2

51 49.7 32.6 49.0#

120 20.7 16.5 24.7

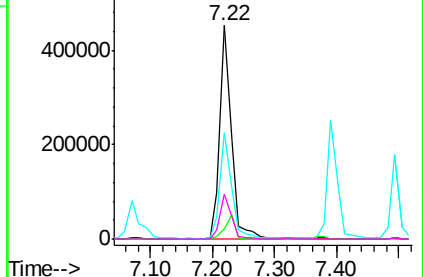
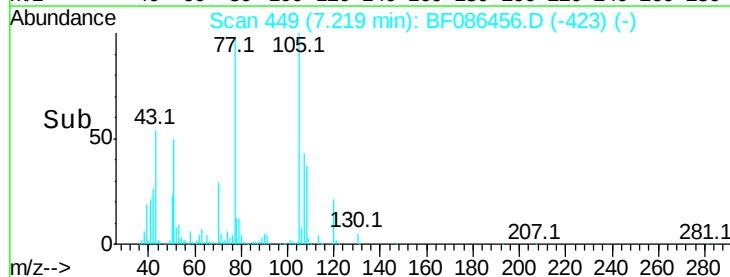


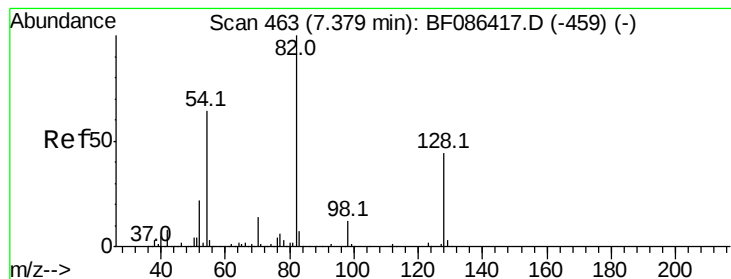
Abundance Ion 105.00 (104.70 to 105.70): E

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: 105.61 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

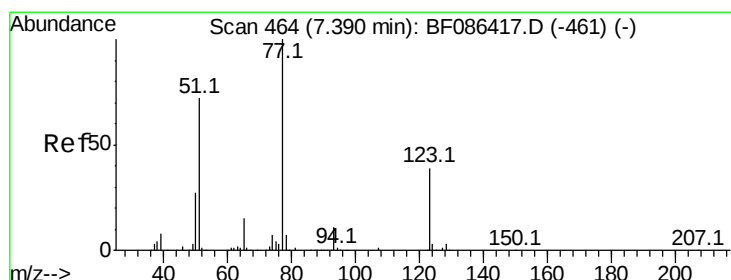
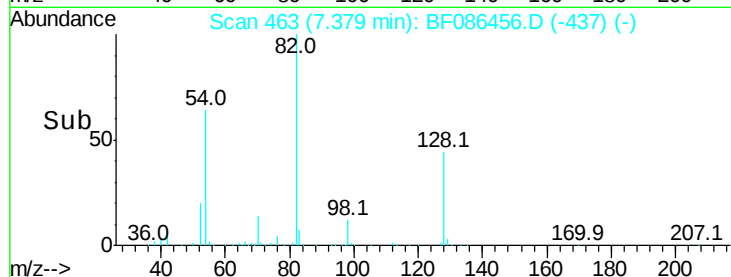
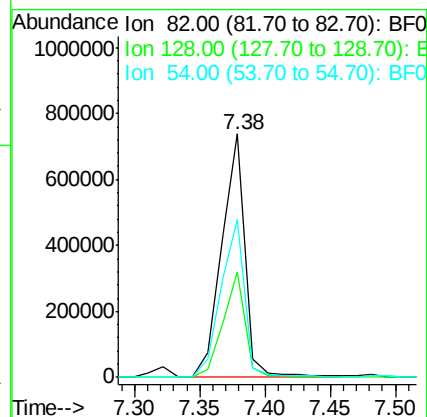
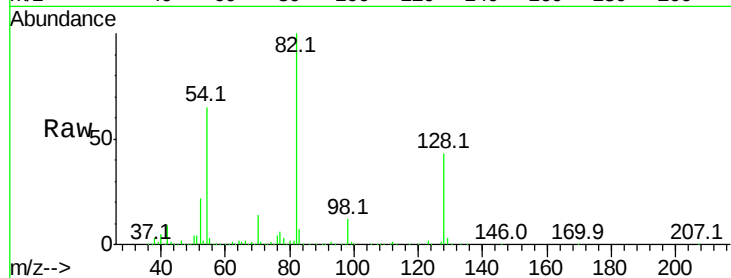
Tot Ion: 82 Resp: 921912

Ion Ratio Lower Upper

82 100

128 43.5 40.6 61.0

54 64.9 38.1 57.1#



#24

Nitrobenzene

Concen: 46.66 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

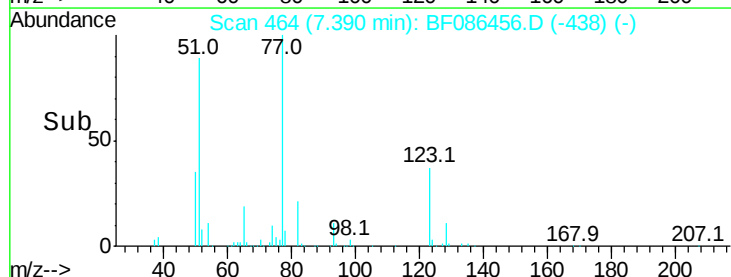
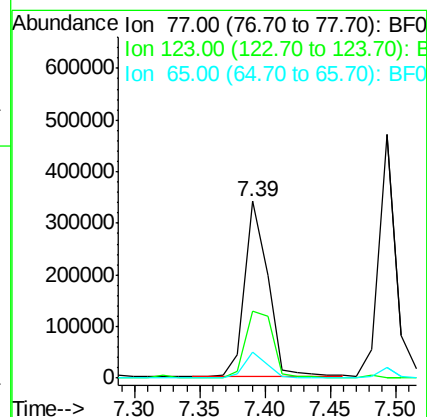
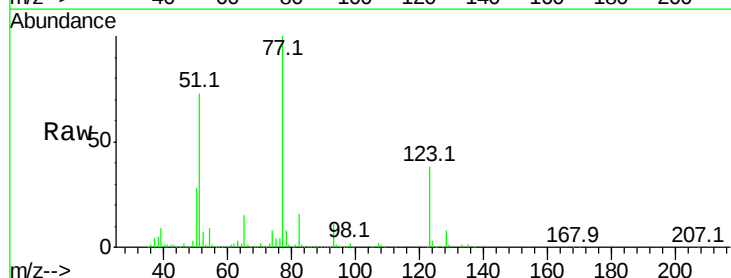
Tgt Ion: 77 Resp: 419029

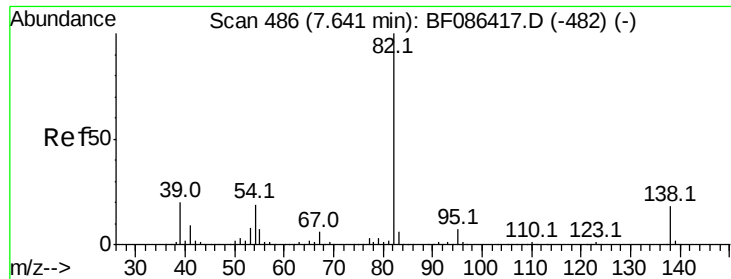
Ion Ratio Lower Upper

77 100

123 37.6 33.0 49.4

65 14.6 10.8 16.2





#25

Isophorone

Concen: 49.18 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

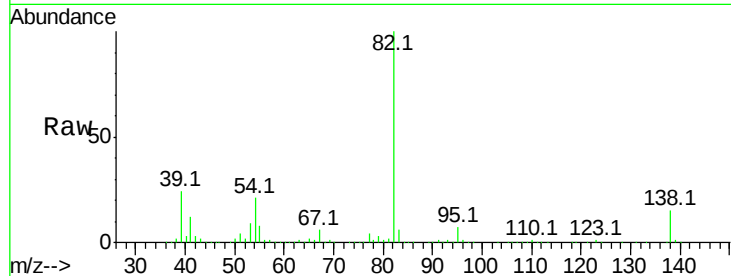
Tot Ion: 82 Resp: 826287

Ion Ratio Lower Upper

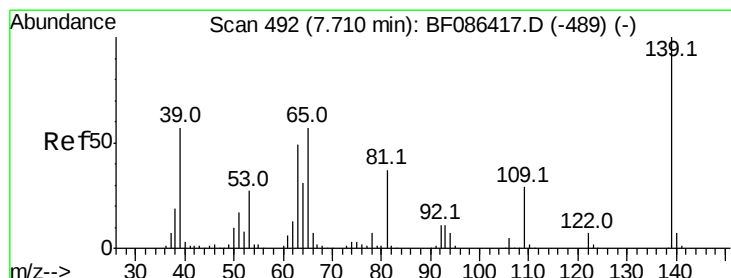
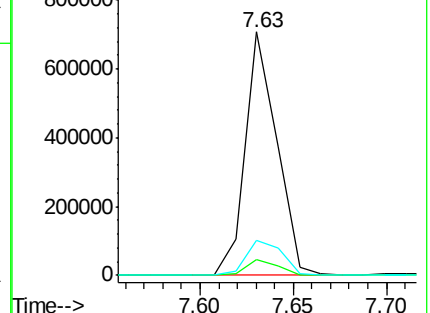
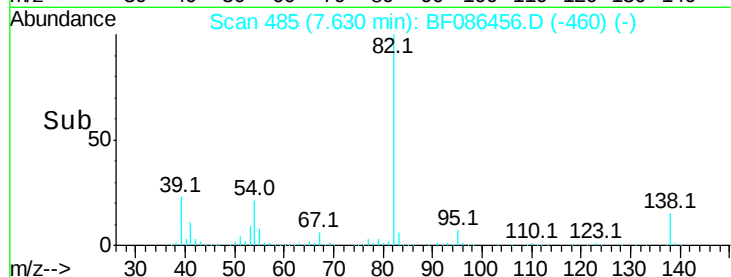
82 100

95 6.7 5.1 7.7

138 14.6 12.4 18.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 31.09 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

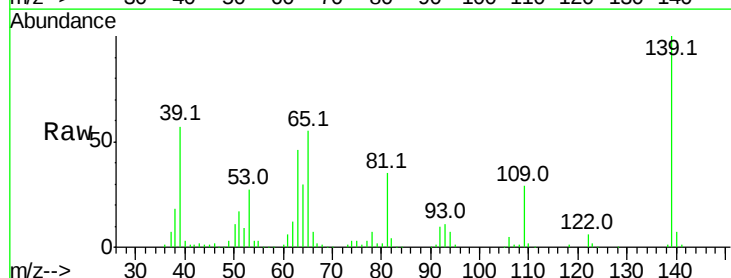
Tgt Ion:139 Resp: 128549

Ion Ratio Lower Upper

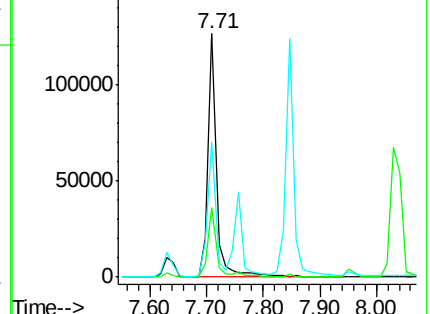
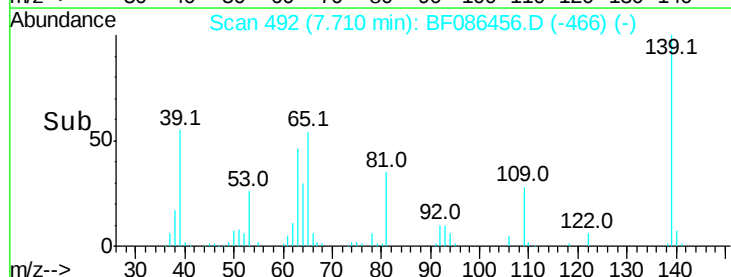
139 100

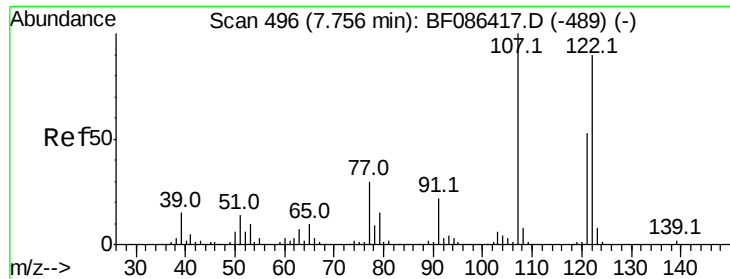
109 28.7 19.5 29.3

65 55.4 37.5 56.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 50.14 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

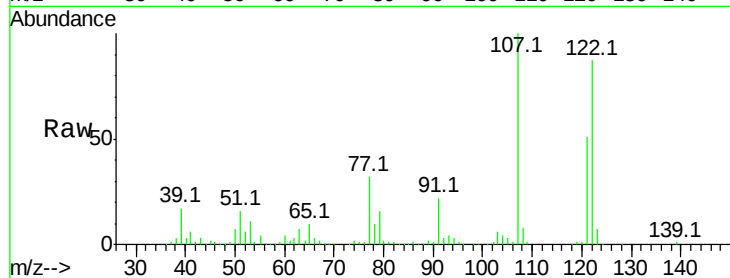
Tot Ion:122 Resp: 363718

Ion Ratio Lower Upper

122 100

107 114.6 82.0 123.0

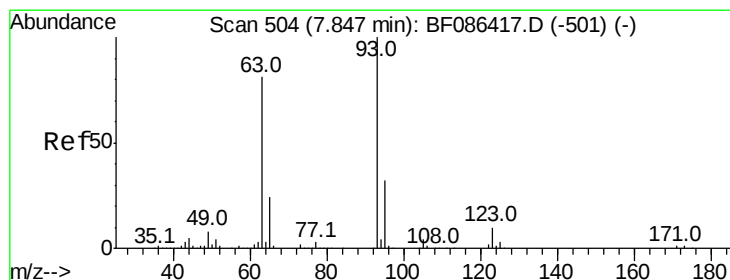
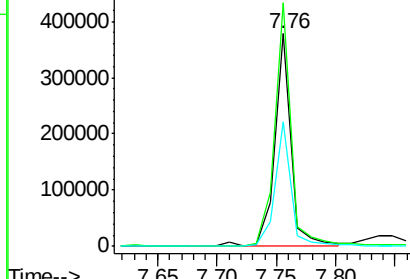
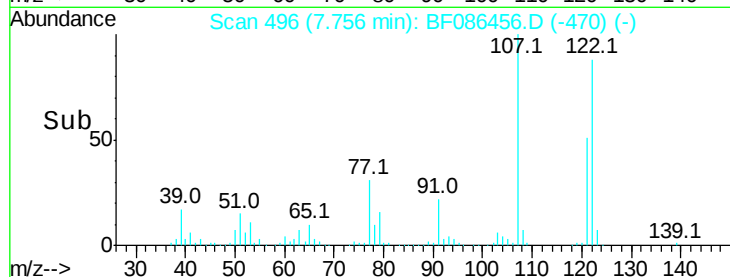
121 58.5 46.1 69.1



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: 57.05 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

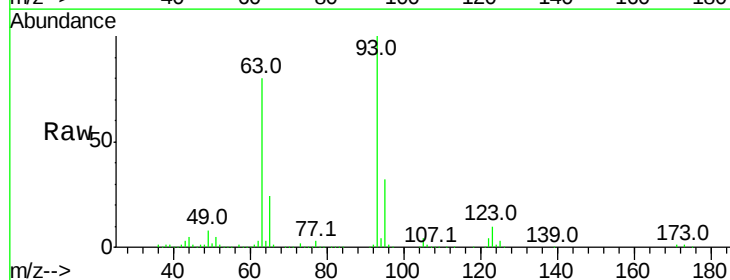
Tgt Ion: 93 Resp: 522144

Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

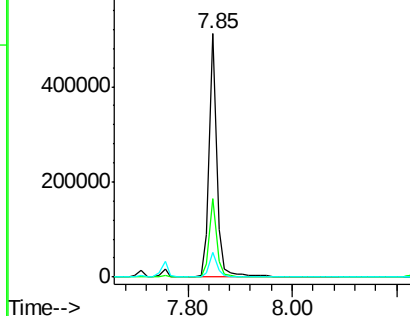
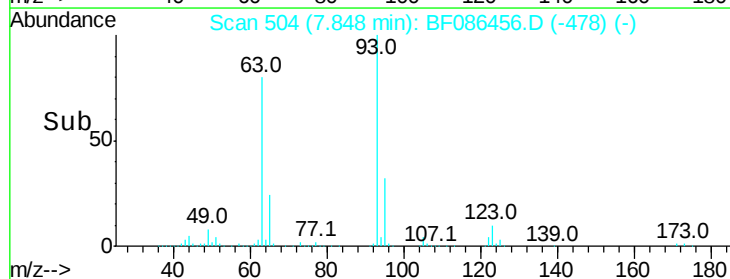
123 10.0 9.5 14.3

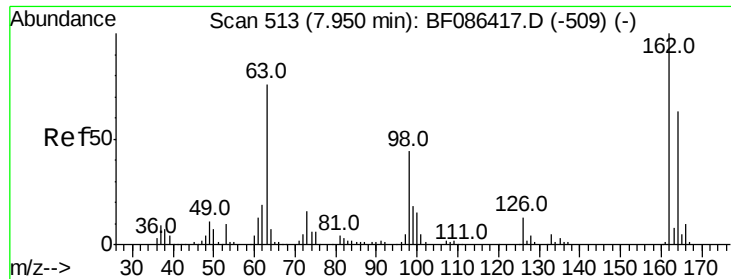


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

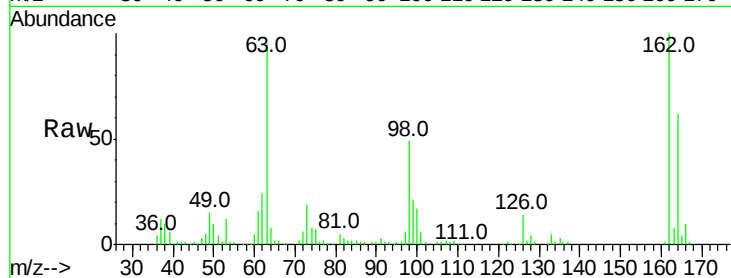




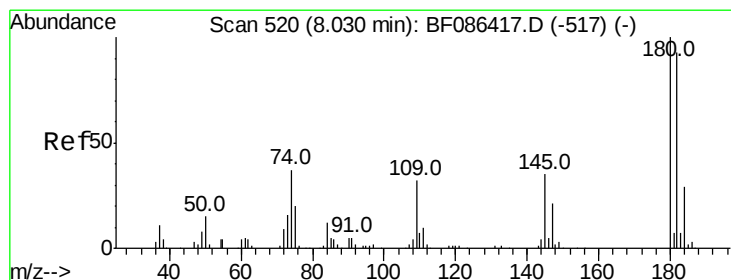
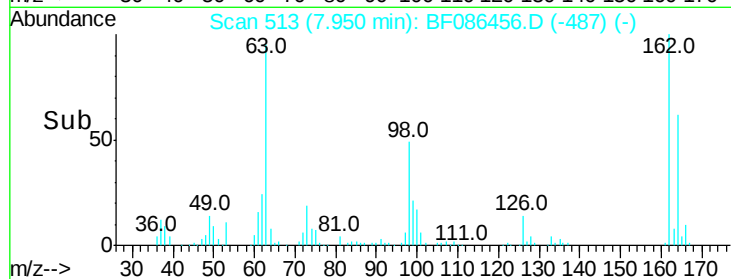
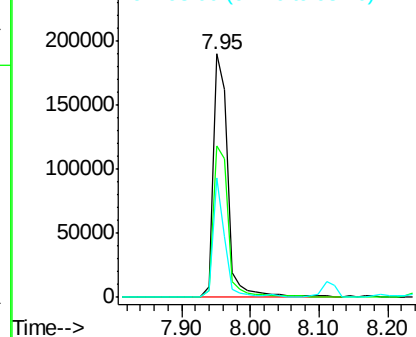
#29
 2,4-Dichlorophenol
 Concen: 46.58 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

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

Tot Ion:162 Resp: 285118
 Ion Ratio Lower Upper
 162 100
 164 62.3 42.2 82.2
 98 49.2 19.0 59.0

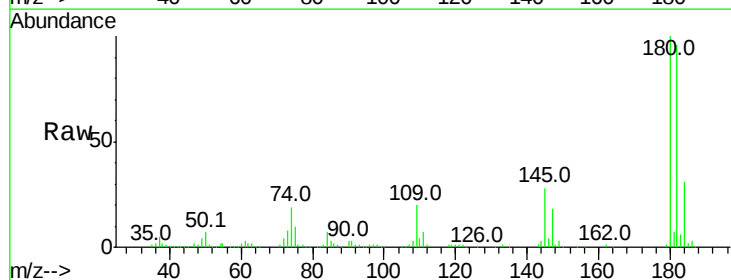


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

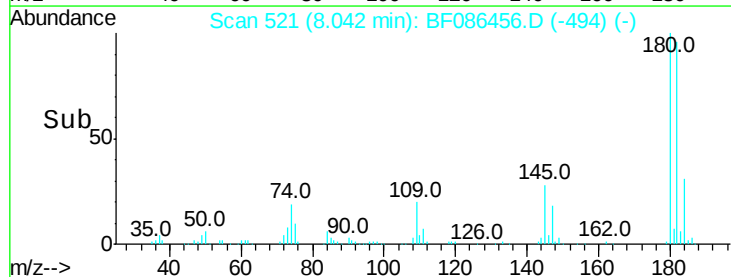
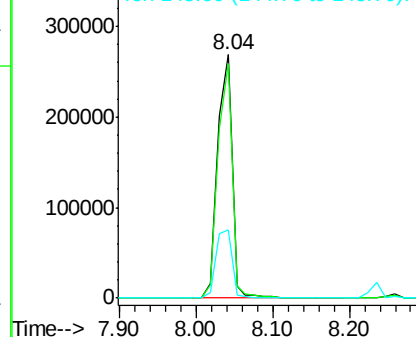


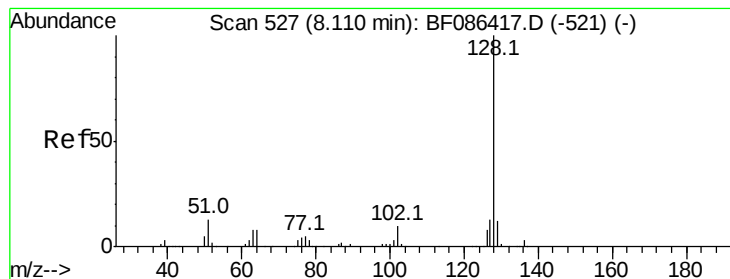
#30
 1,2,4-Trichlorobenzene
 Concen: 49.70 ng
 RT: 8.04 min Scan# 521
 Delta R.T. 0.01 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion:180 Resp: 352884
 Ion Ratio Lower Upper
 180 100
 182 96.1 78.0 117.0
 145 27.8 24.2 36.2



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





#31

Naphthalene

Concen: 47.92 ng

RT: 8.12 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

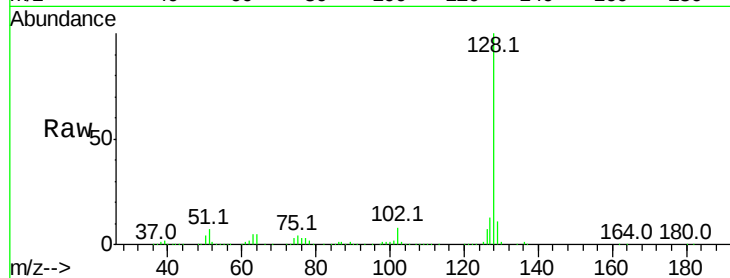
Tot Ion:128 Resp: 1147282

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

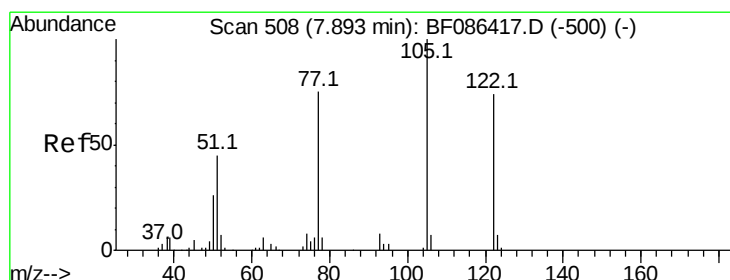
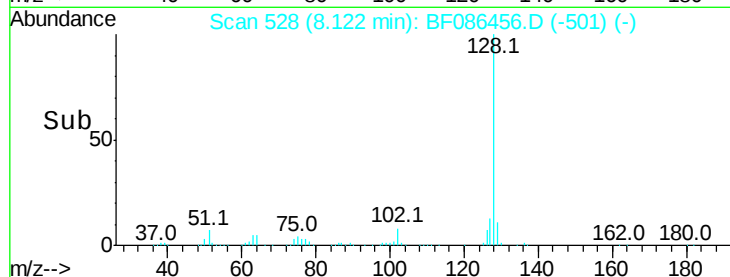
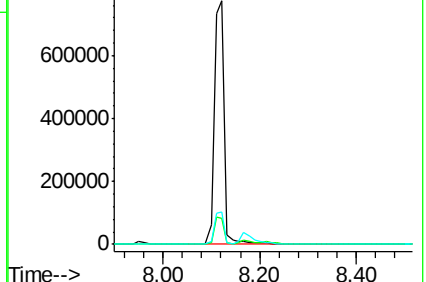
127 13.2 10.8 16.2



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: 19.85 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.06 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

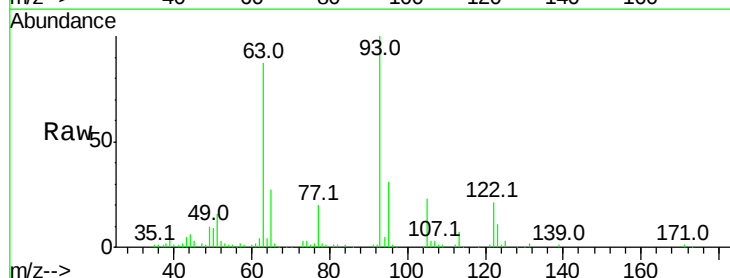
Tgt Ion:122 Resp: 59491

Ion Ratio Lower Upper

122 100

105 112.0 92.6 132.6

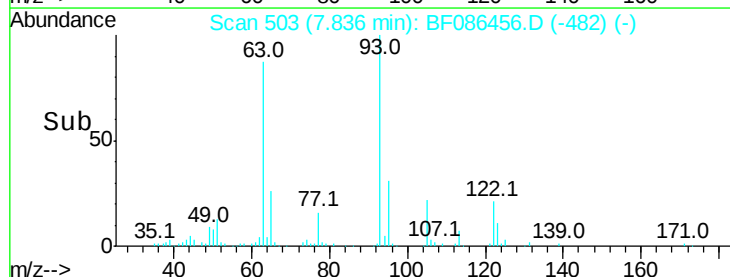
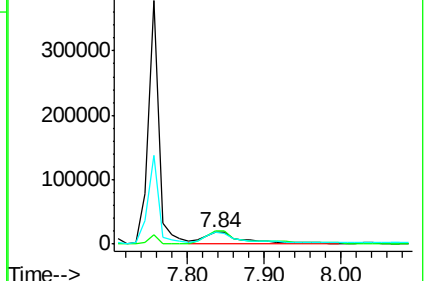
77 98.2 60.0 100.0

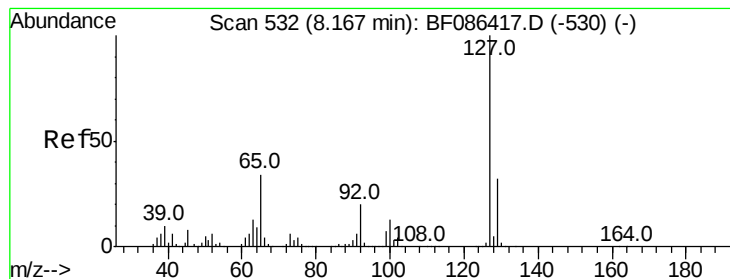


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.26 ng

RT: 8.17 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:127 Resp: 83059

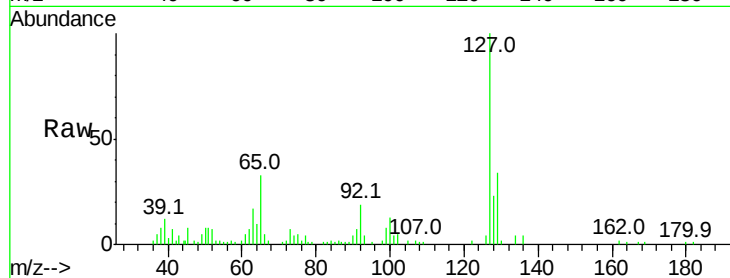
Ion Ratio Lower Upper

127 100

129 33.5 26.2 39.4

65 32.6 23.0 34.4

92 18.7 15.1 22.7

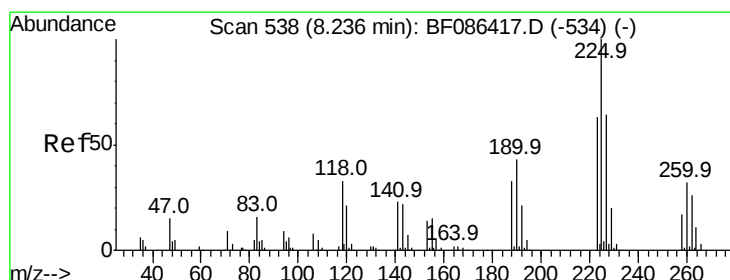
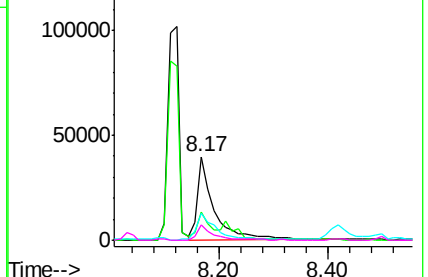
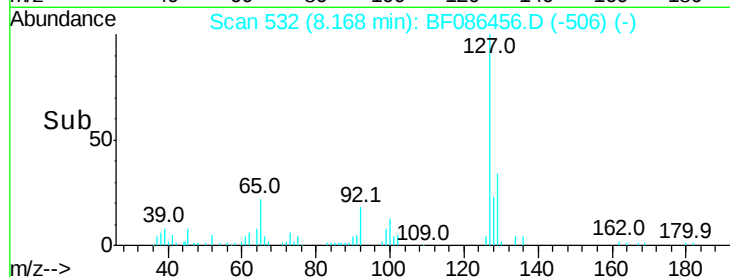


Abundance Ion 127.00 (126.70 to 127.70): E

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: 50.02 ng

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

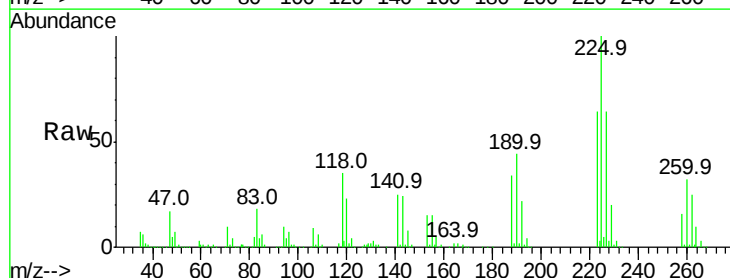
Tgt Ion:225 Resp: 199089

Ion Ratio Lower Upper

225 100

223 63.6 51.5 77.3

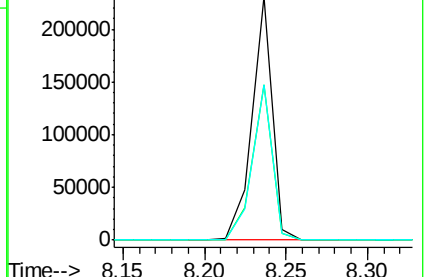
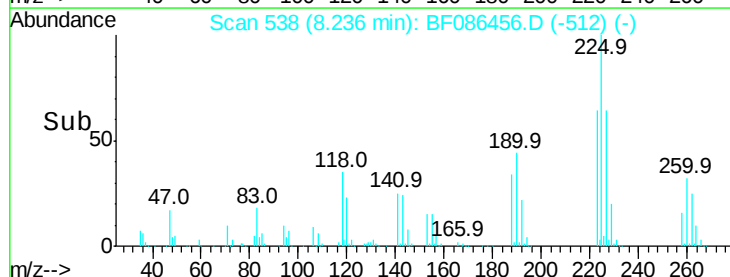
227 63.6 52.2 78.2

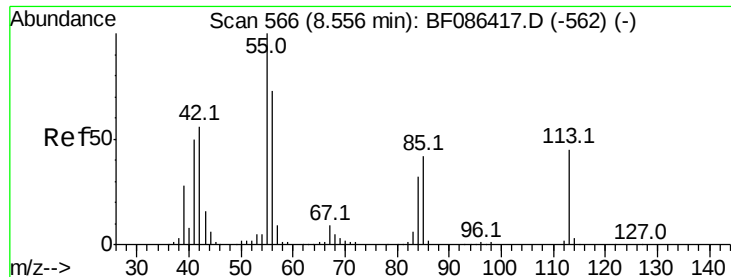


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

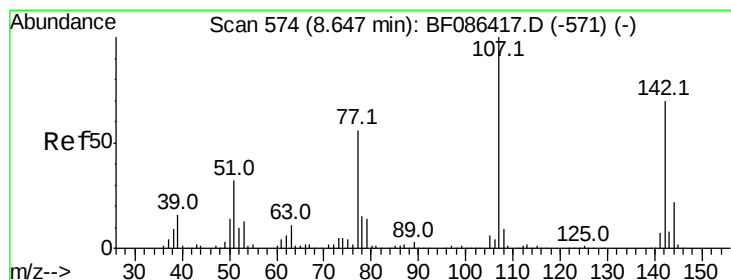
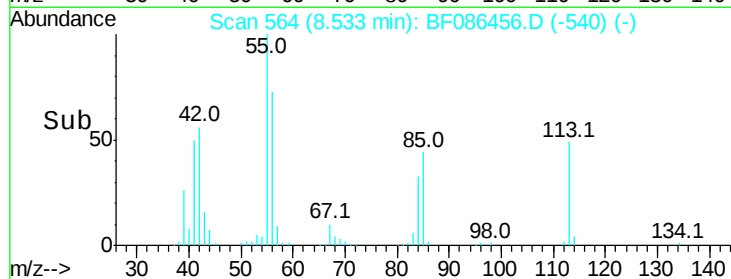
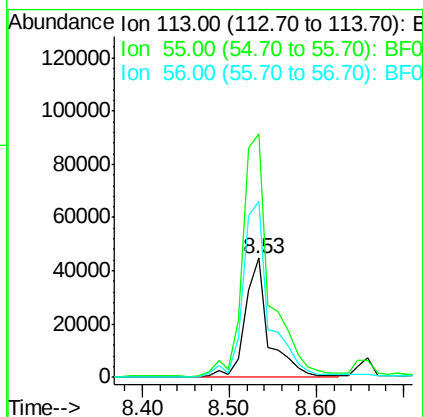
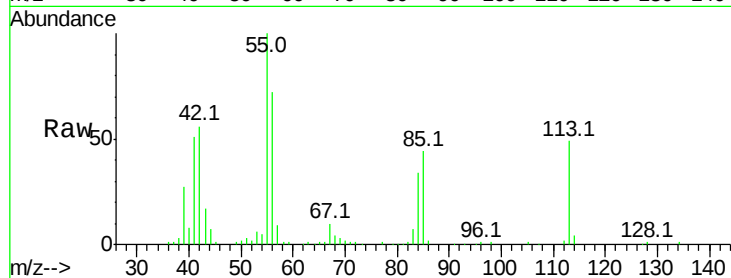




#35
 Caprolactam
 Concen: 41.83 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

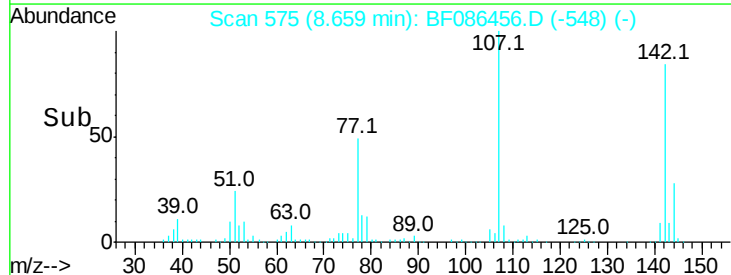
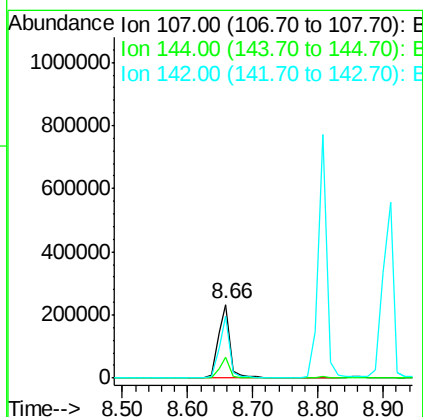
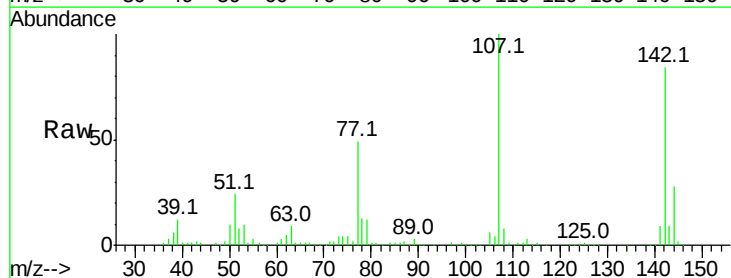
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

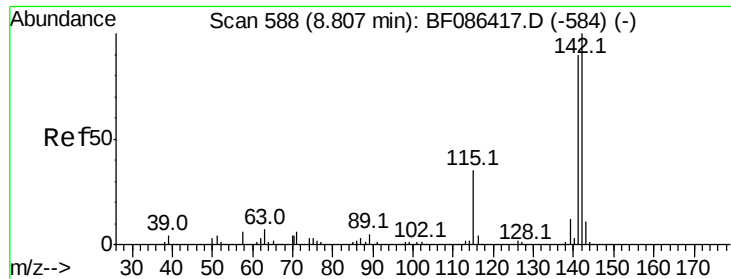
Tot Ion:113 Resp: 85418
 Ion Ratio Lower Upper
 113 100
 55 204.2 162.0 202.0#
 56 147.7 115.3 155.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.95 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion:107 Resp: 301014
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.7 31.1
 142 84.3 63.2 94.8

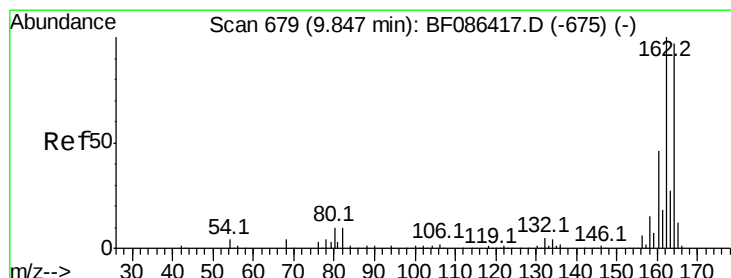
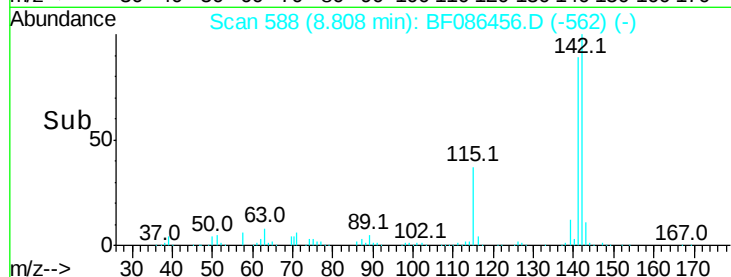
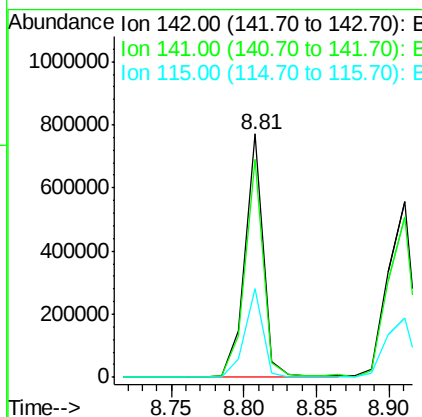
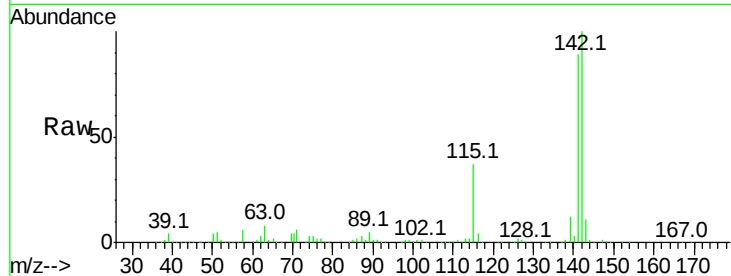




#37
 2-Methylnaphthalene
 Concen: 48.55 ng
 RT: 8.81 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

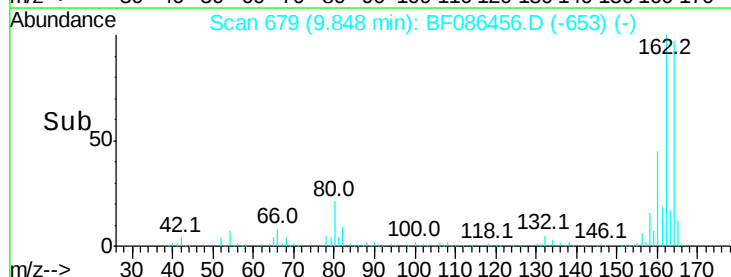
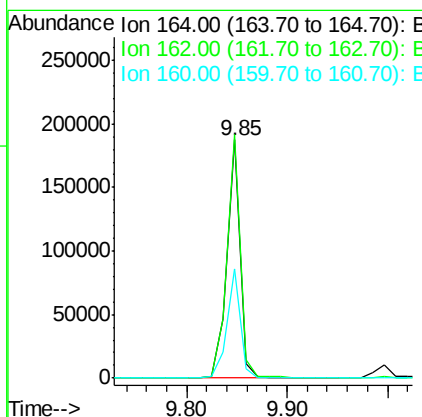
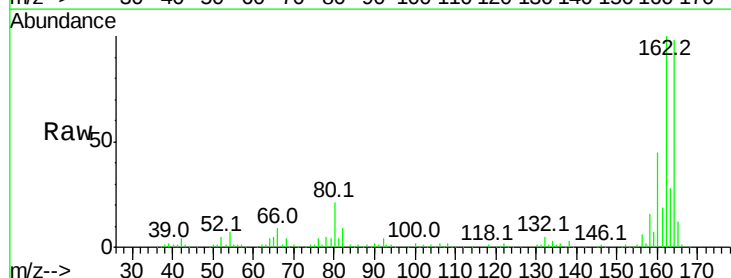
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

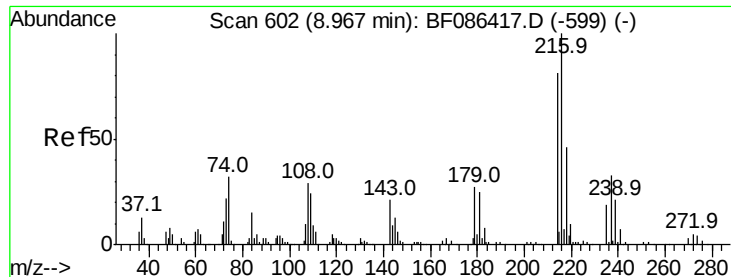
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.0	106.6
115	36.6	26.6	39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.8	124.2
160	46.0	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.30 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

Tot Ion:216 Resp: 258548

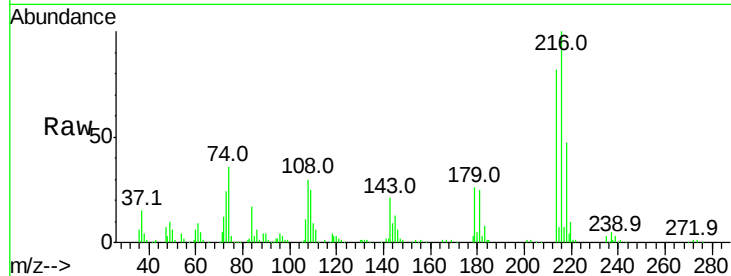
Ion Ratio Lower Upper

216 100

214 79.9 62.6 93.8

179 22.1 18.2 27.4

108 21.2 17.5 26.3

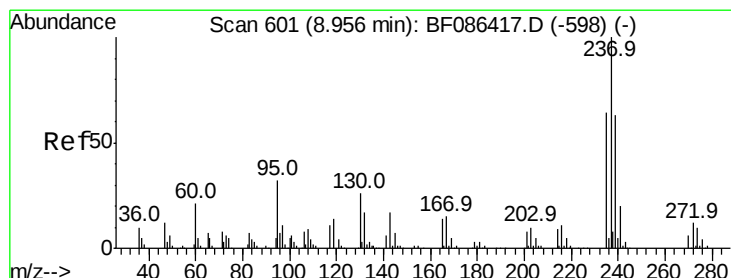
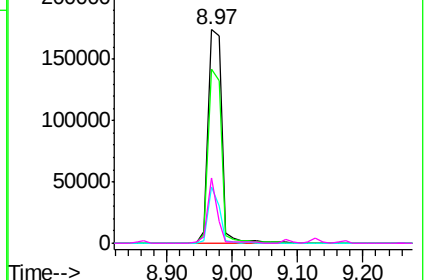
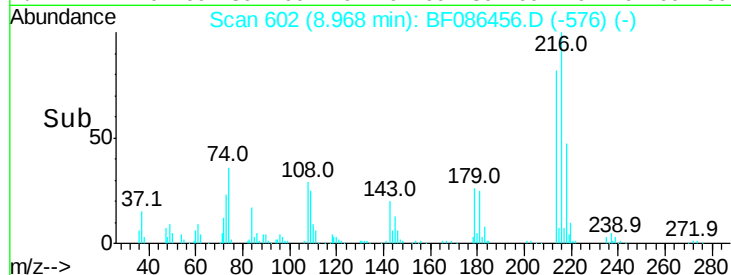


Abundance Ion 216.00 (215.70 to 216.70): E

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: 10.32 ng

RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

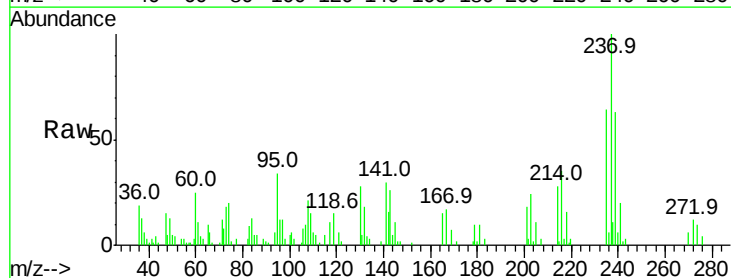
Tgt Ion:237 Resp: 25343

Ion Ratio Lower Upper

237 100

235 63.8 47.2 87.2

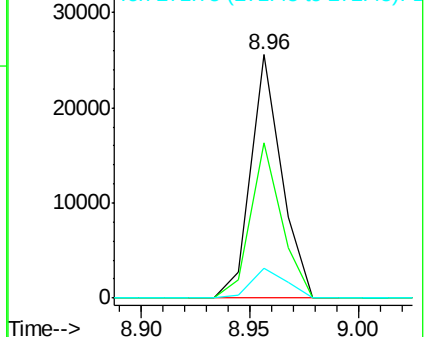
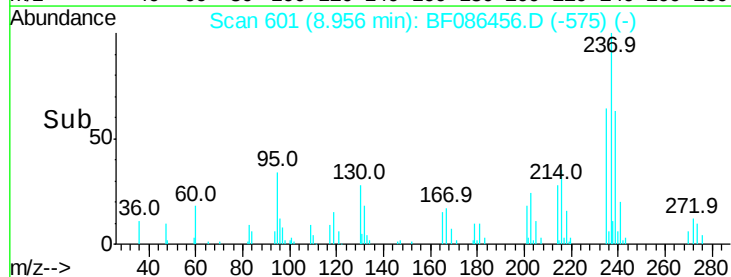
272 12.5 0.0 31.1

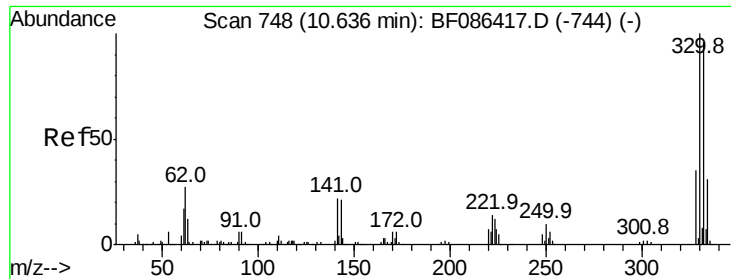


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

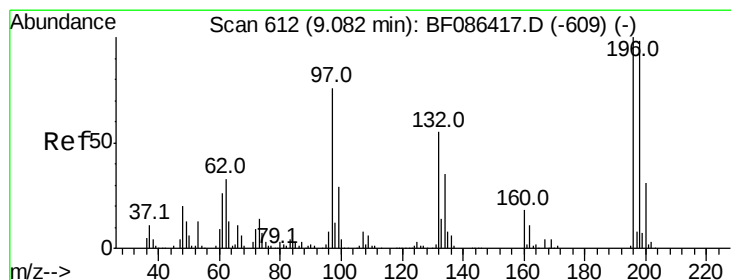
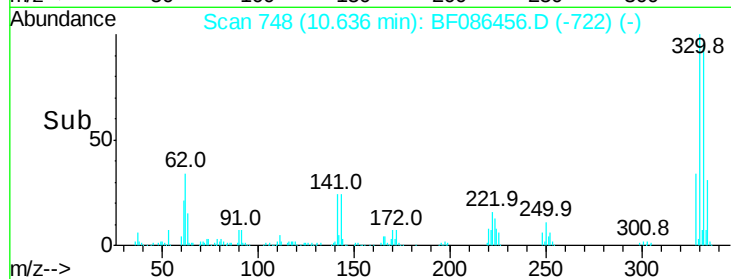
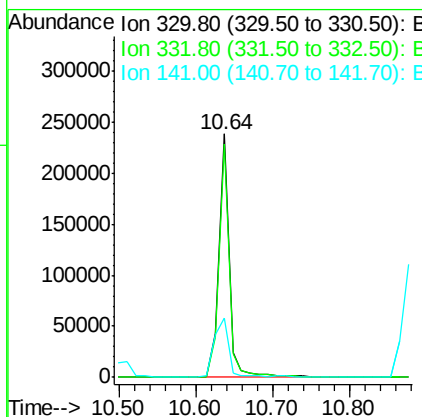
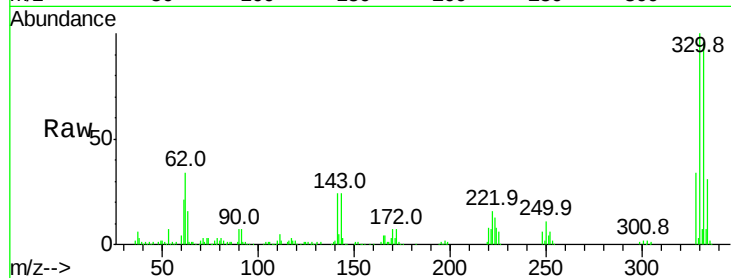




#41
 2,4,6-Tribromophenol
 Concen: 124.86 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

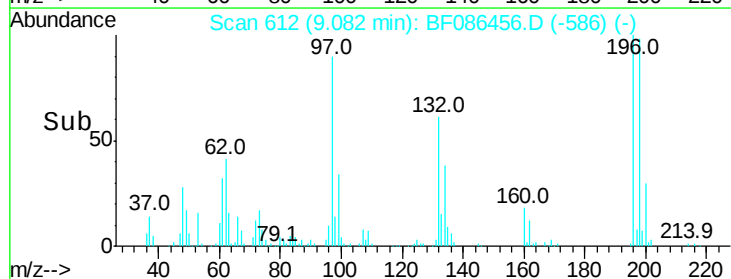
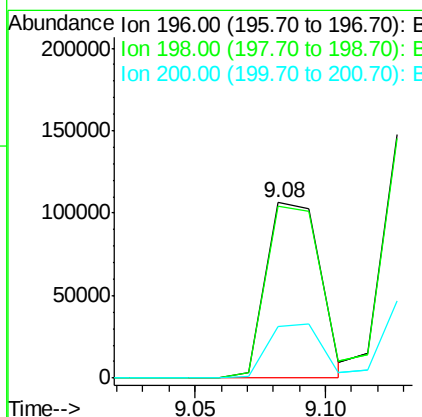
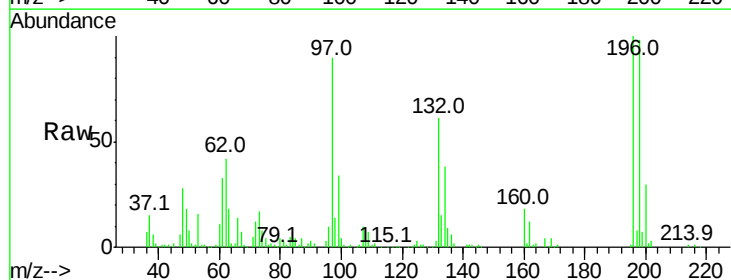
Instrument :
 BNA_F
 ClientSampleId :
 RICHMOND-AMBOY-SB09(0.5-6.0)M

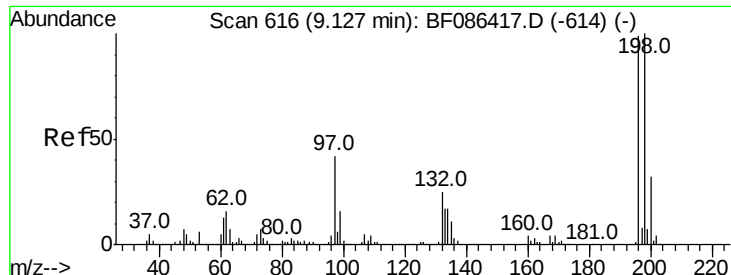
Tot Ion:330 Resp: 227398
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 32.5 31.2 46.8



#42
 2,4,6-Trichlorophenol
 Concen: 48.72 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion:196 Resp: 152235
 Ion Ratio Lower Upper
 196 100
 198 97.7 74.7 112.1
 200 29.5 23.8 35.6

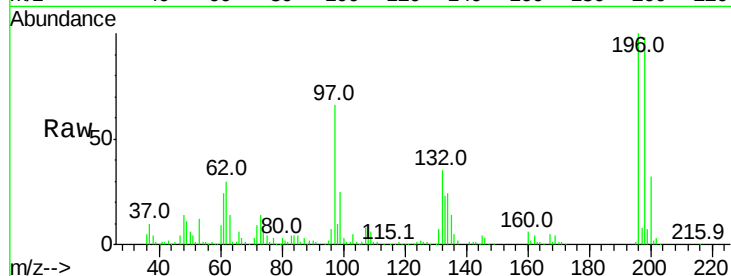




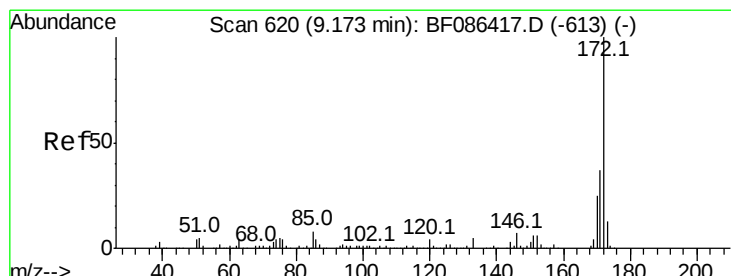
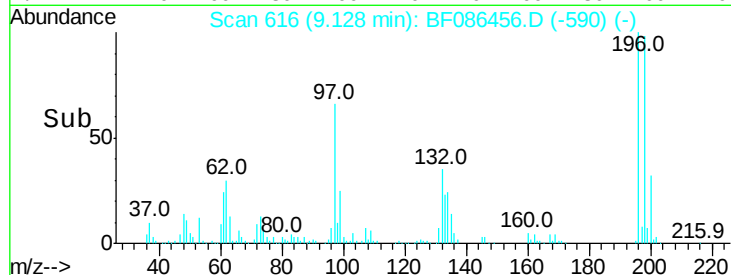
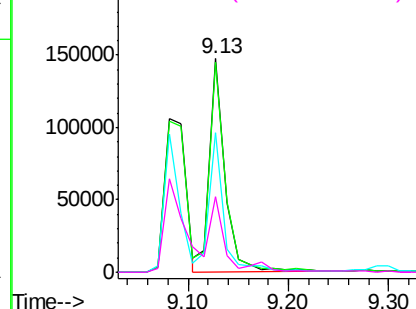
#43
 2,4,5-Trichlorophenol
 Concen: 46.32 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

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

Tot Ion:196 Resp: 157767
 Ion Ratio Lower Upper
 196 100
 198 98.4 77.5 116.3
 97 65.6 34.8 52.2#
 132 35.3 23.0 34.4#

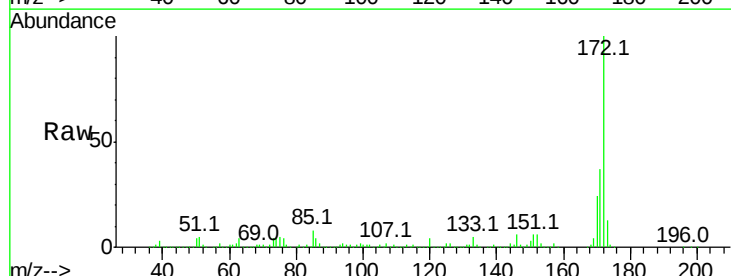


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

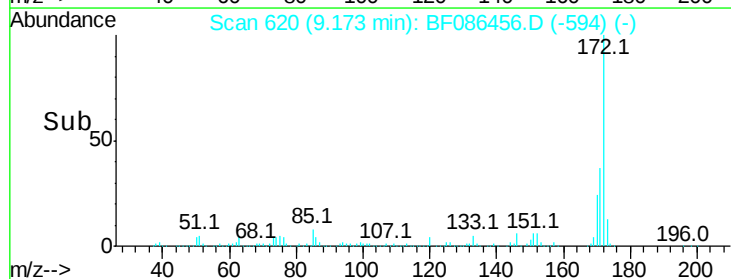
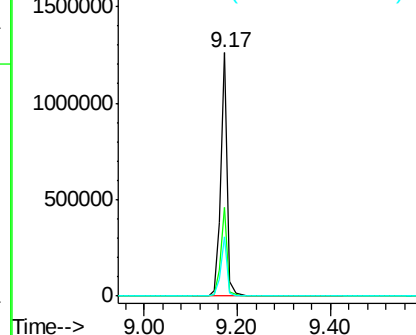


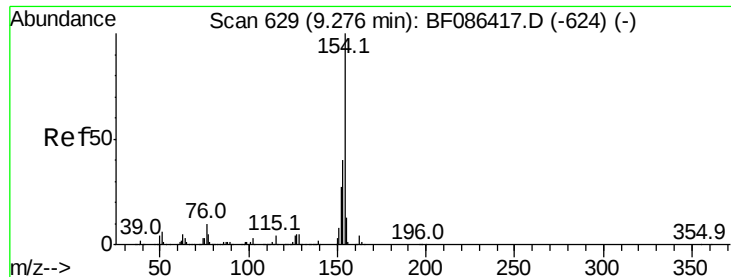
#44
 2-Fluorobiphenyl
 Concen: 142.36 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion:172 Resp: 1232014
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.0 43.6
 170 24.5 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: 54.77 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

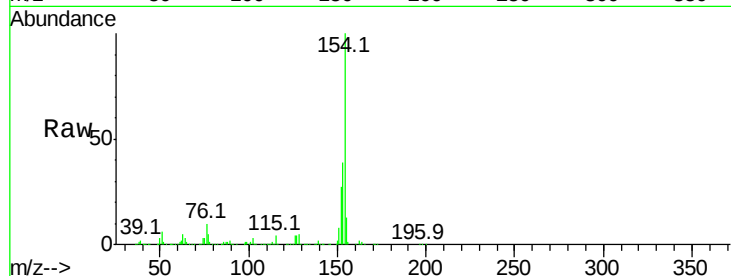
Tot Ion:154 Resp: 790632

Ion Ratio Lower Upper

154 100

153 39.3 20.3 60.3

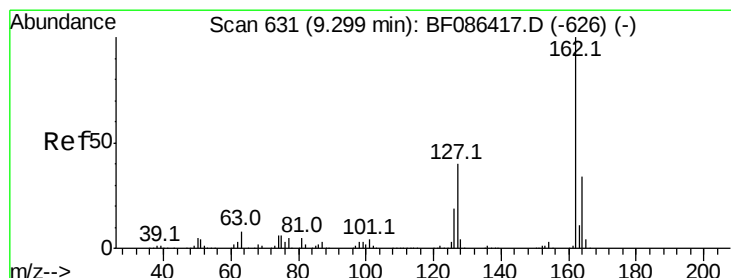
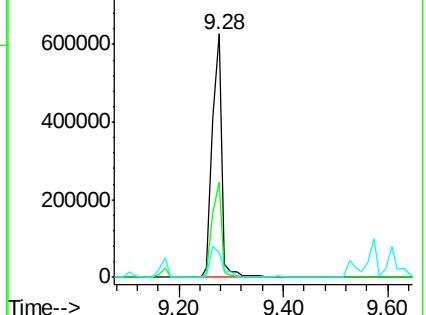
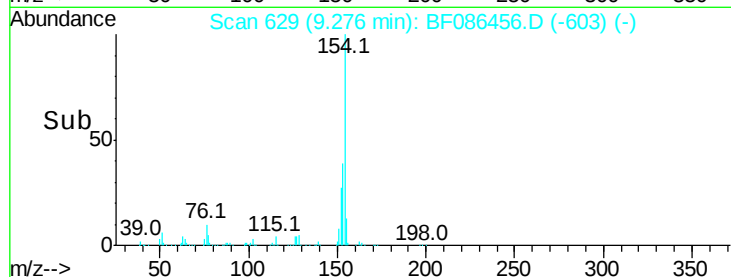
76 10.0 0.0 30.2



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: 53.23 ng

RT: 9.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

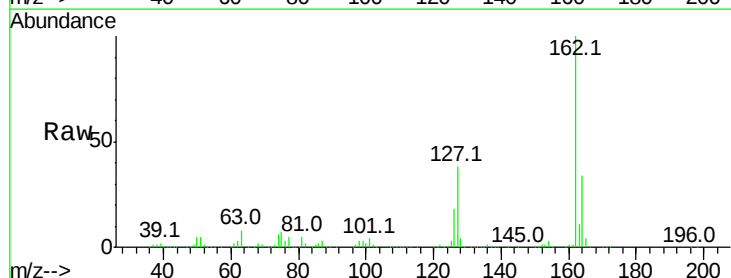
Tgt Ion:162 Resp: 584270

Ion Ratio Lower Upper

162 100

127 38.2 31.8 47.6

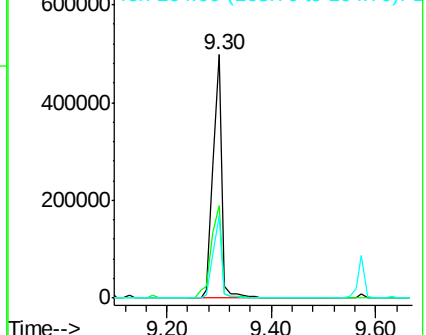
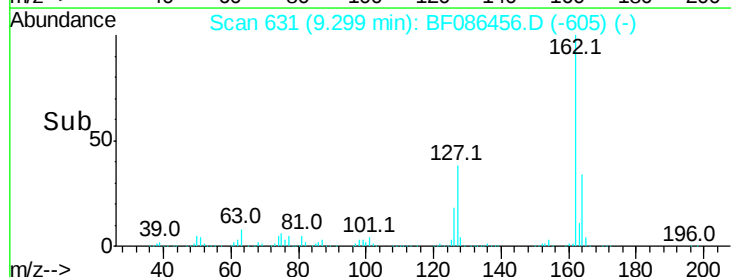
164 33.7 27.0 40.6

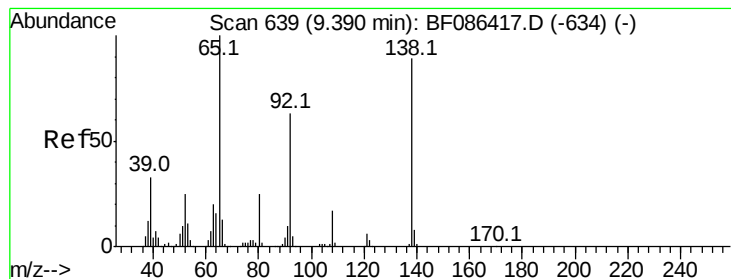


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.22 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

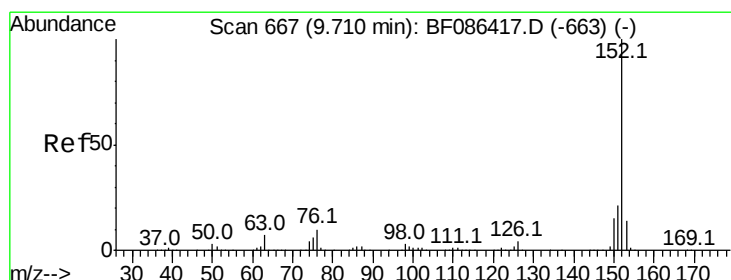
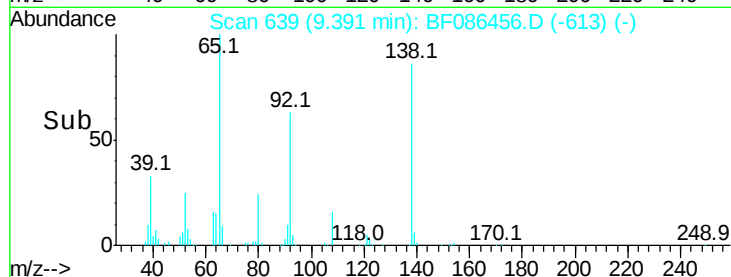
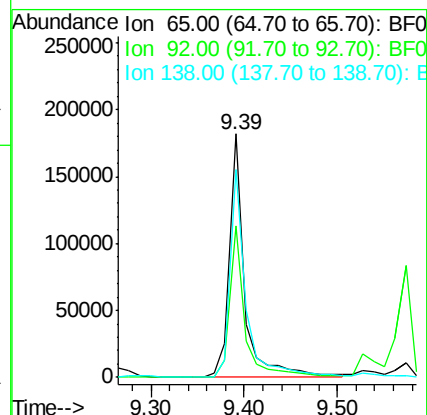
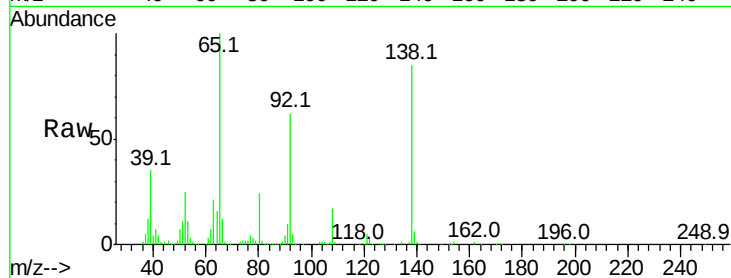
Tot Ion: 65 Resp: 208425

Ion Ratio Lower Upper

65 100

92 62.3 57.4 86.2

138 85.4 90.1 135.1#



#48

Acenaphthylene

Concen: 49.82 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

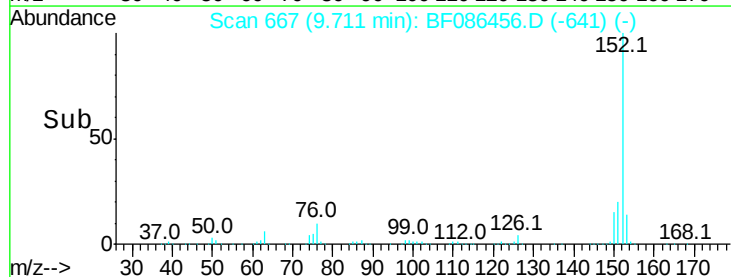
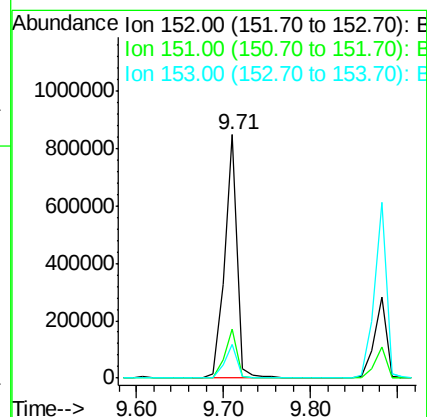
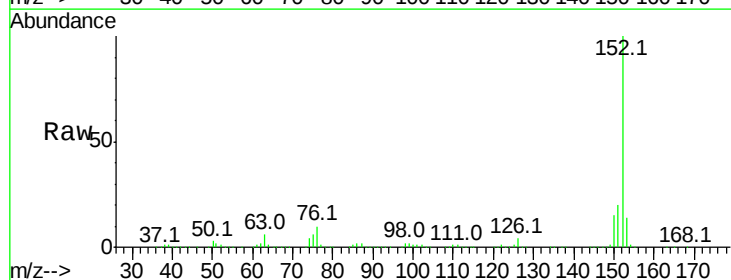
Tgt Ion: 152 Resp: 854628

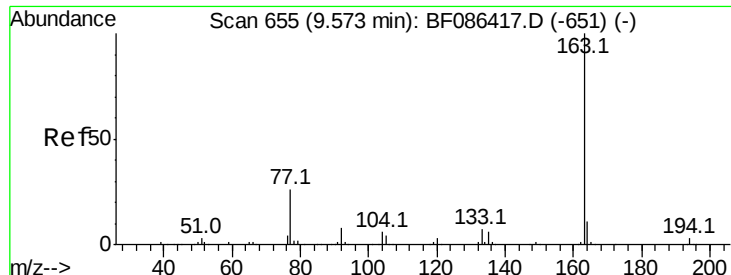
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.9 10.9 16.3

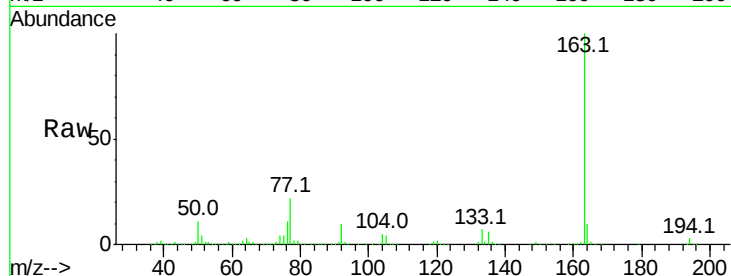




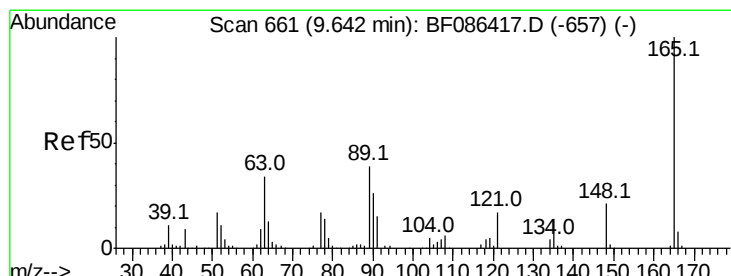
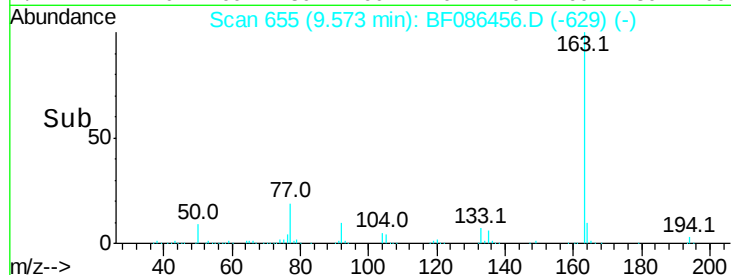
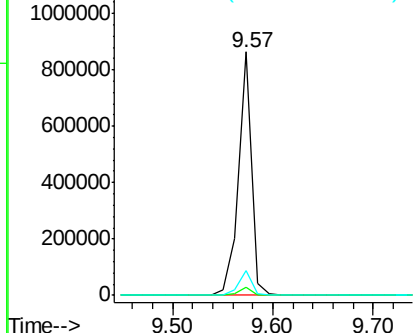
#49
Dimethylphthalate
Concen: 60.44 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.2	12.4

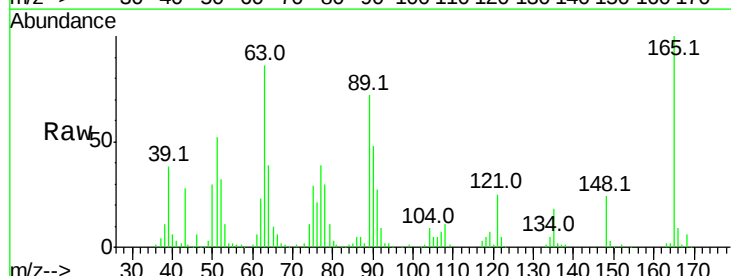


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

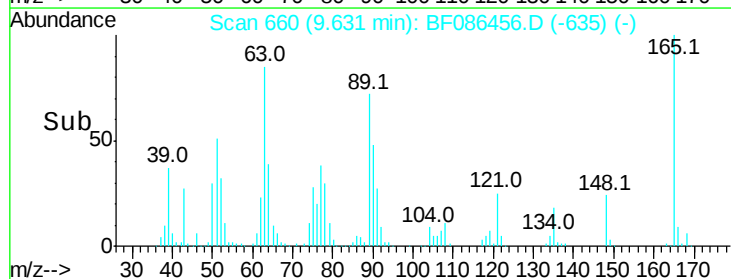
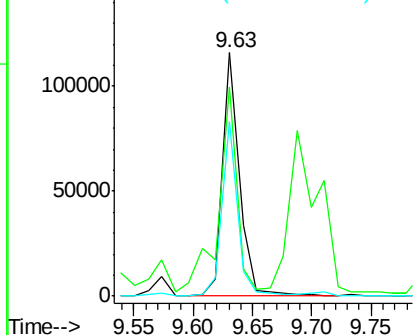


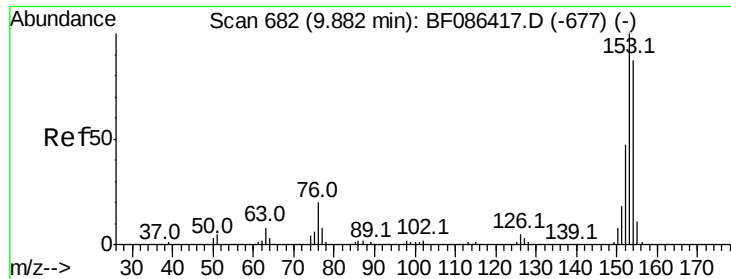
#50
2,6-Dinitrotoluene
Concen: 42.82 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	86.1	51.8	77.8#
89	71.8	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: 47.43 ng

RT: 9.88 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

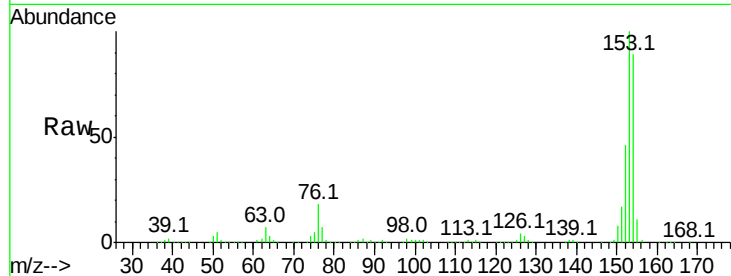
Tot Ion:154 Resp: 522645

Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.6

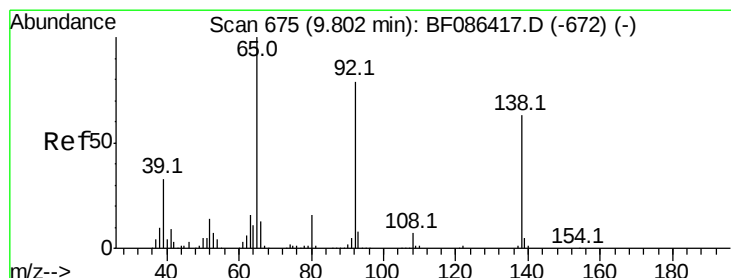
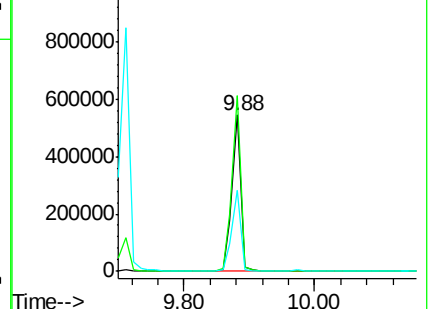
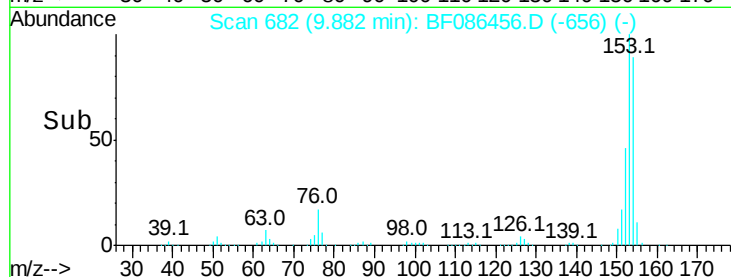
152 51.9 43.4 65.0



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: 41.50 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

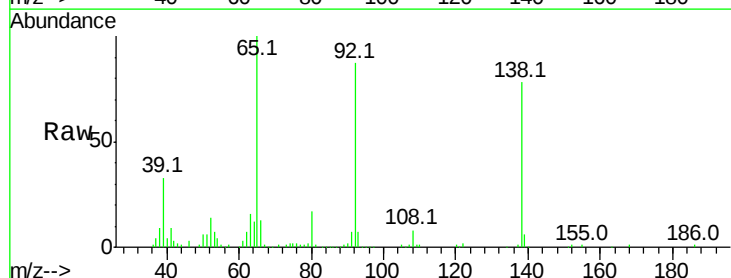
Tgt Ion:138 Resp: 126781

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.6

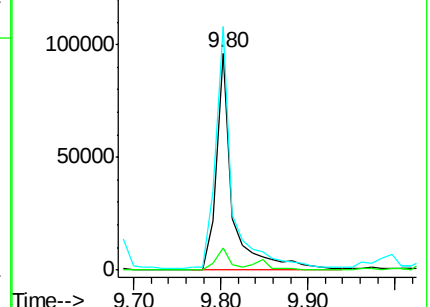
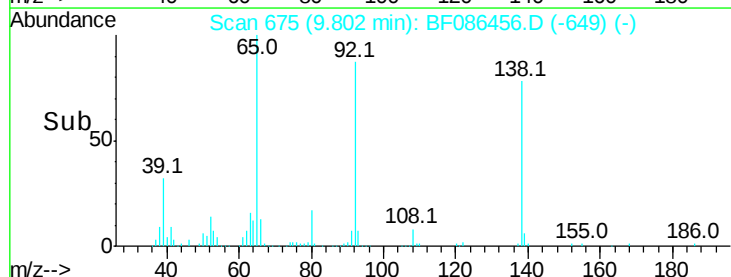
92 112.3 87.8 131.8

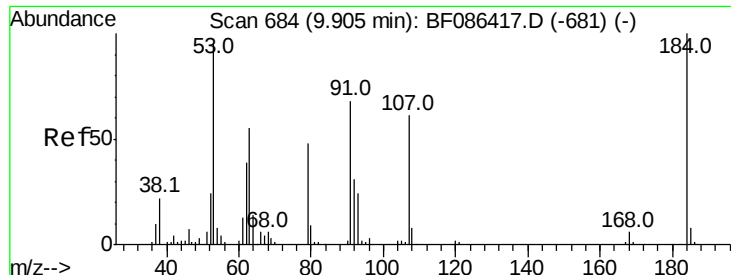


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

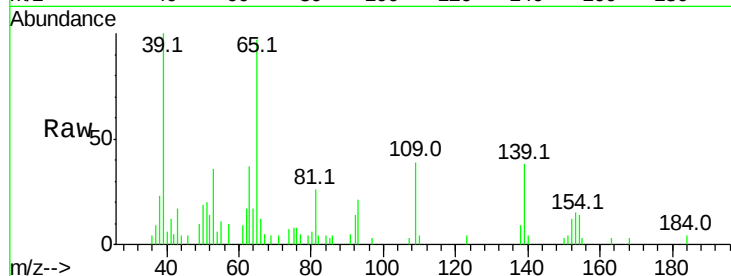




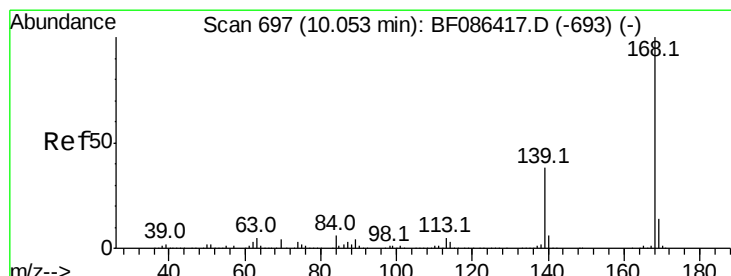
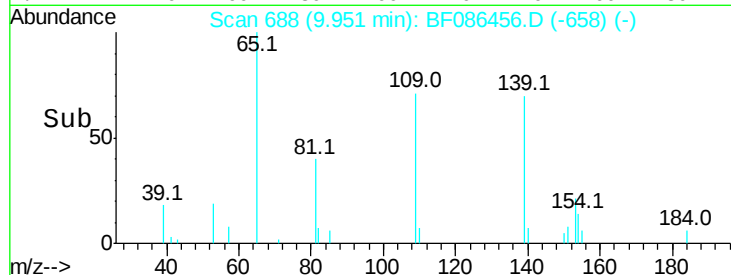
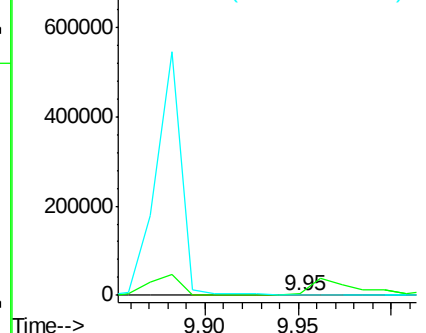
#53
 2,4-Dinitrophenol
 Concen: 8.26 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.05 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

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

Tot Ion:184 Resp: 699
 Ion Ratio Lower Upper
 184 100
 63 1050.6 55.8 83.8#
 154 396.9 62.4 93.6#

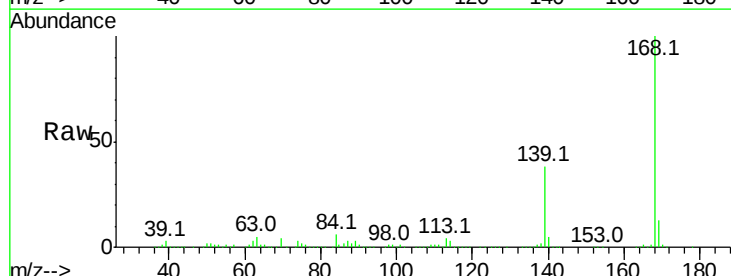


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

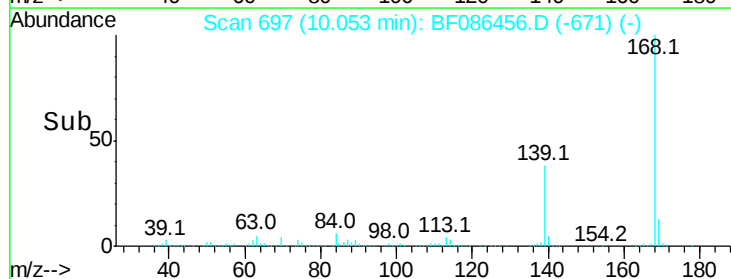
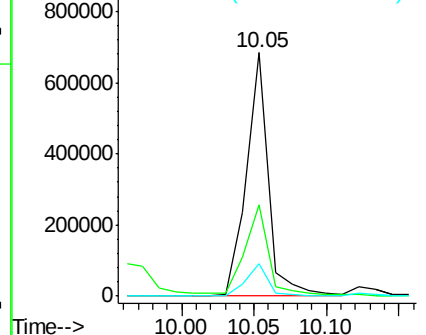


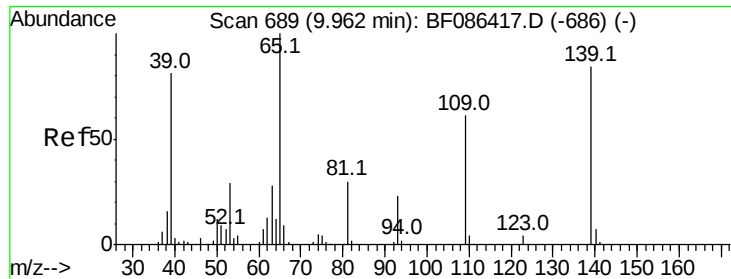
#54
 Dibenzofuran
 Concen: 52.35 ng
 RT: 10.05 min Scan# 697
 Delta R.T. 0.00 min
 Lab File: BF086456.D
 Acq: 28 Apr 2016 6:40

Tgt Ion:168 Resp: 721015
 Ion Ratio Lower Upper
 168 100
 139 37.6 31.4 47.0
 169 13.3 10.7 16.1



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

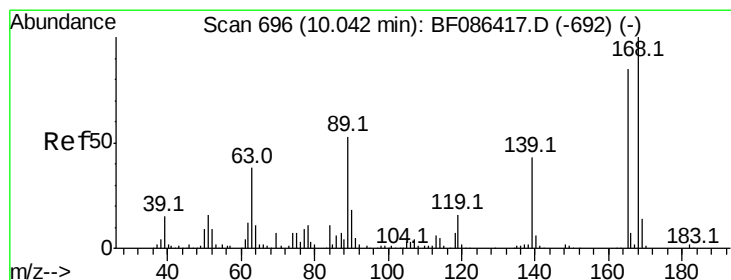
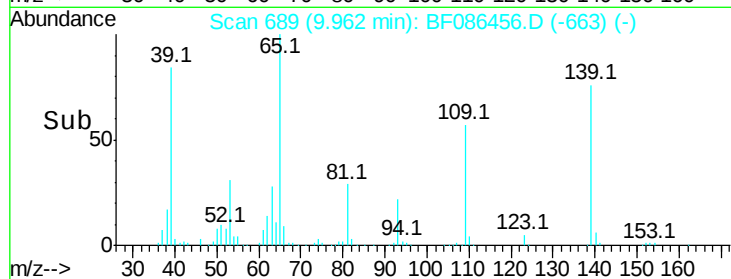
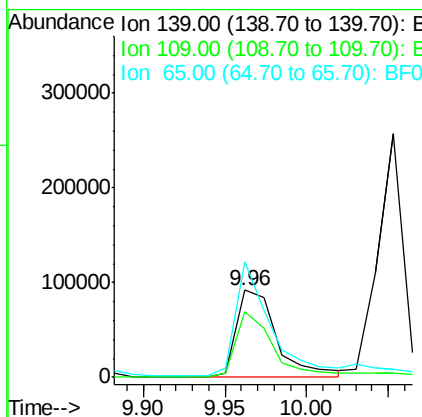
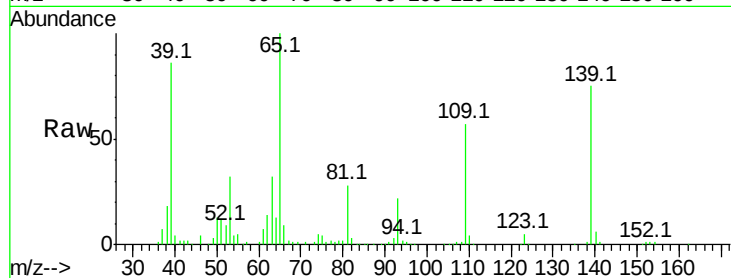




#55
4-Nitrophenol
Concen: 79.35 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

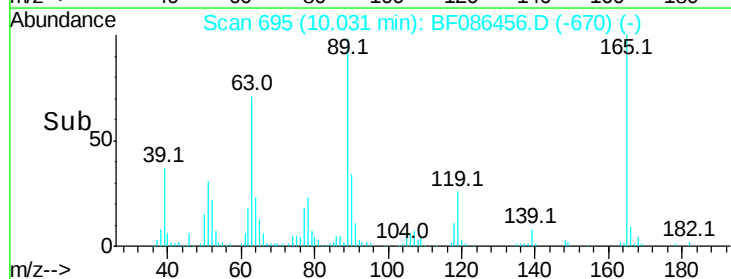
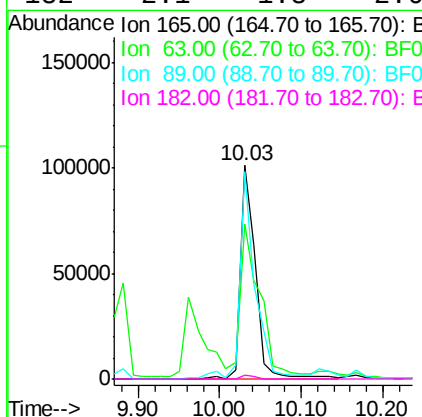
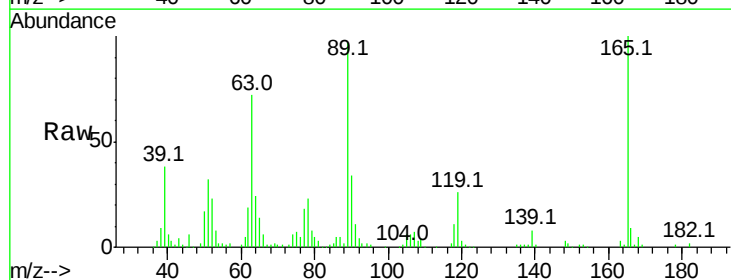
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

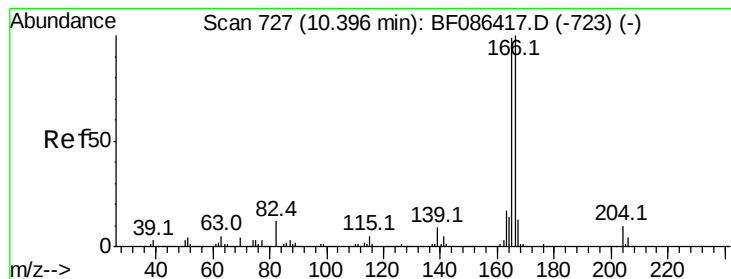
Tot Ion:139 Resp: 158705
Ion Ratio Lower Upper
139 100
109 75.6 36.9 76.9
65 133.1 64.0 104.0#



#56
2,4-Dinitrotoluene
Concen: 38.31 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion:165 Resp: 131169
Ion Ratio Lower Upper
165 100
63 72.4 44.3 66.5#
89 97.4 70.0 105.0
182 2.1 1.8 2.6





#57

Fluorene

Concen: 43.14 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

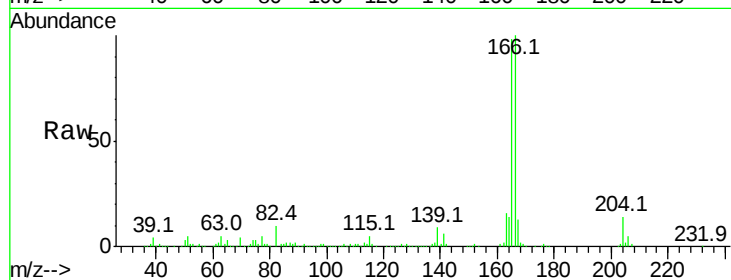
Tot Ion:166 Resp: 515852

Ion Ratio Lower Upper

166 100

165 97.5 79.0 118.6

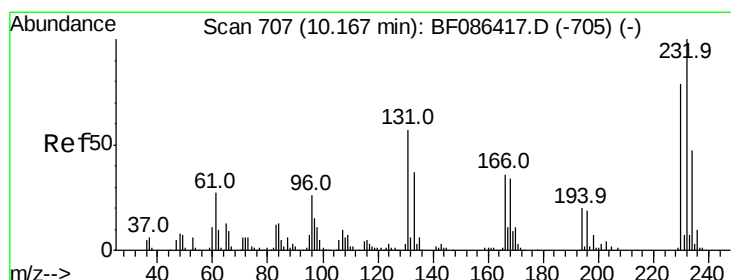
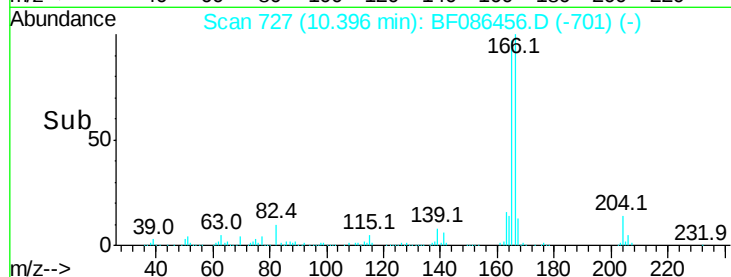
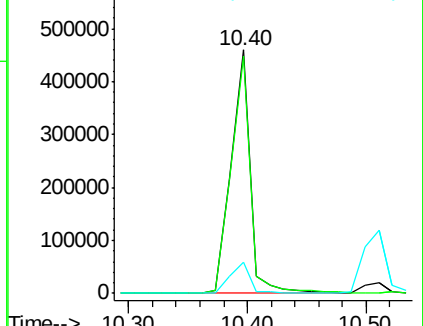
167 13.0 10.6 15.8



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: 46.95 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Tgt Ion:232 Resp: 125003

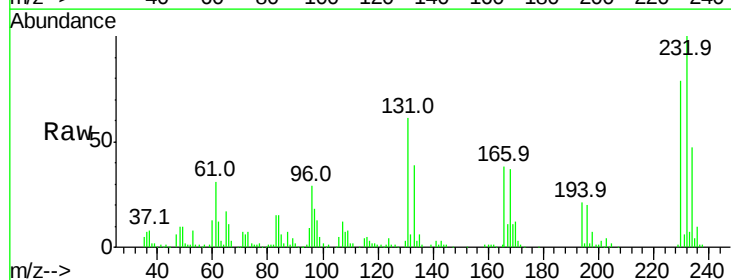
Ion Ratio Lower Upper

232 100

131 47.0 41.9 62.9

130 0.0 2.2 3.4#

166 32.2 26.8 40.2

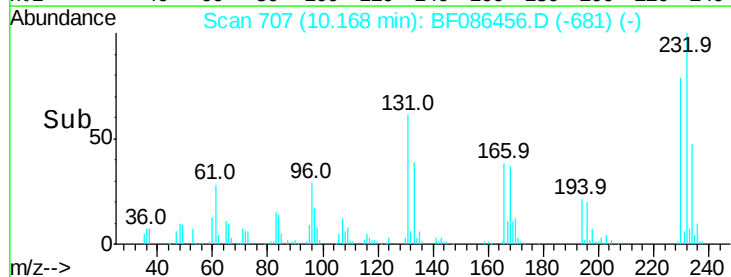
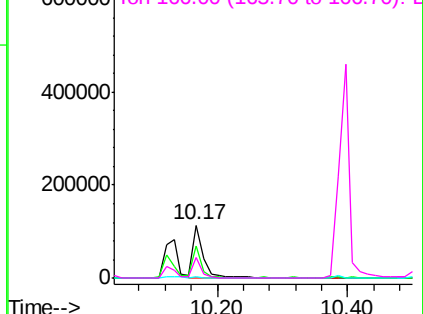


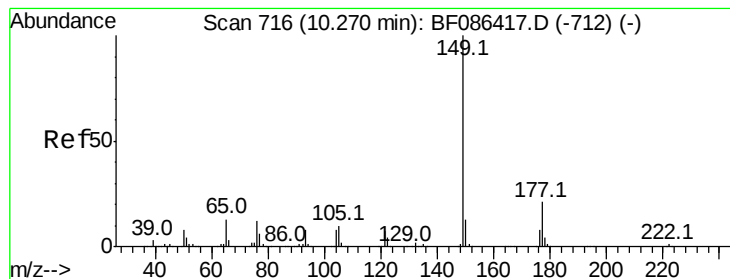
Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.93 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

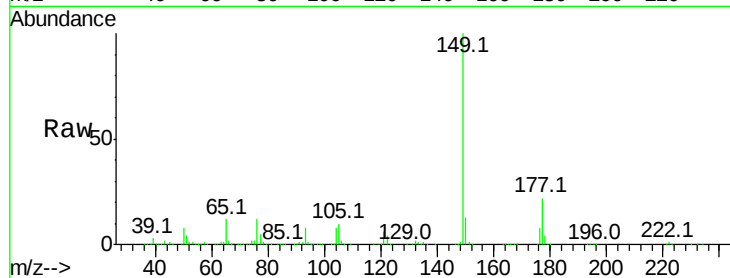
Tot Ion:149 Resp: 614478

Ion Ratio Lower Upper

149 100

177 21.7 16.6 24.8

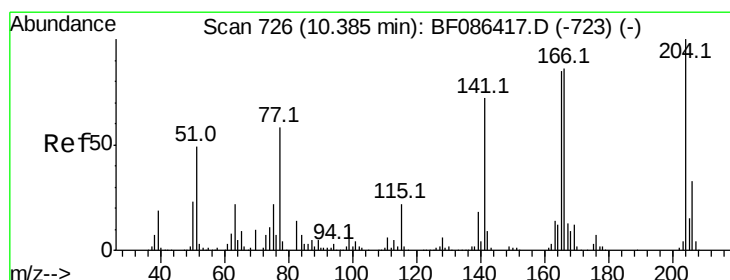
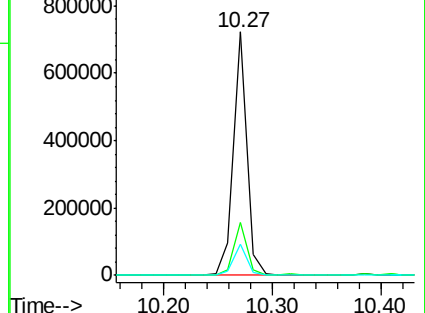
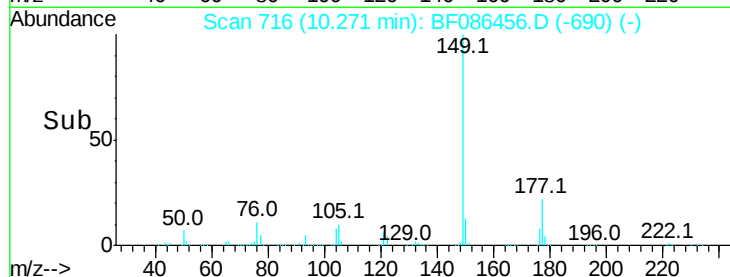
150 12.7 10.0 15.0



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: 44.43 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

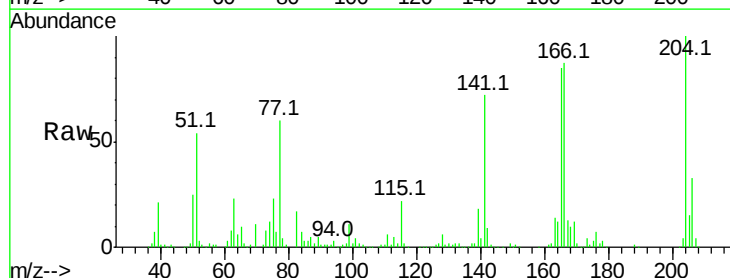
Tgt Ion:204 Resp: 241202

Ion Ratio Lower Upper

204 100

206 32.6 25.4 38.0

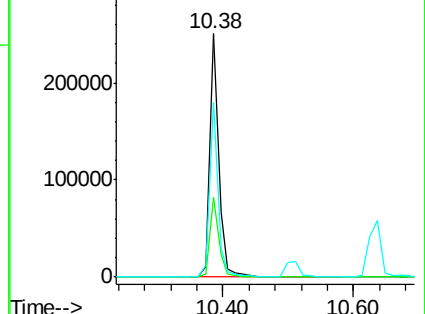
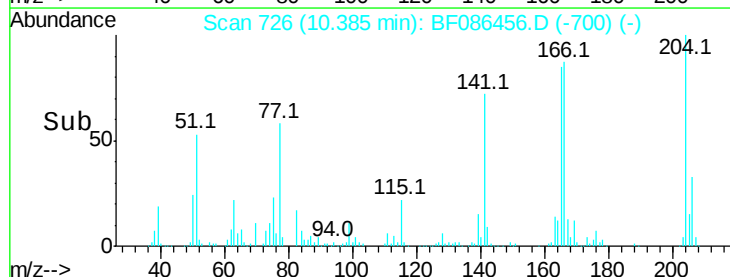
141 71.9 61.6 92.4

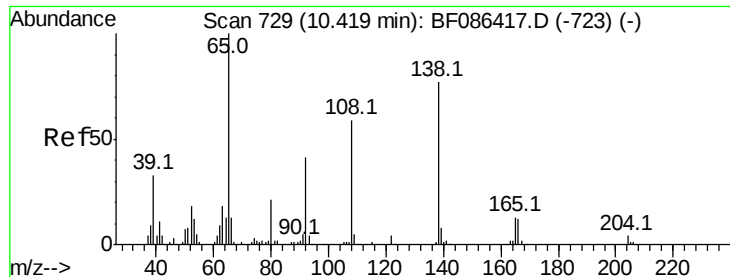


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.83 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

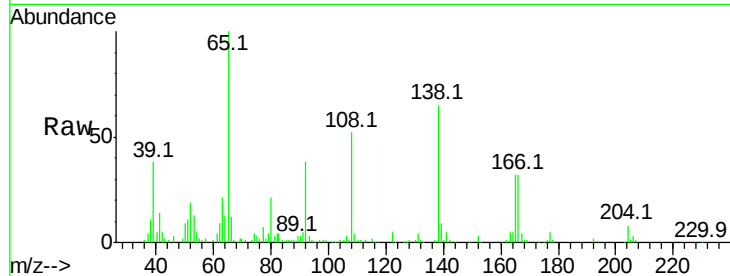
Tot Ion:138 Resp: 139828

Ion Ratio Lower Upper

138 100

92 59.0 24.7 64.7

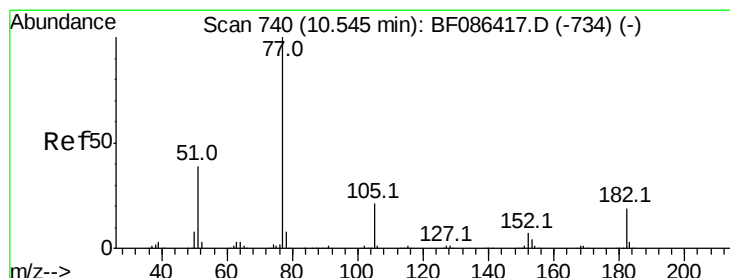
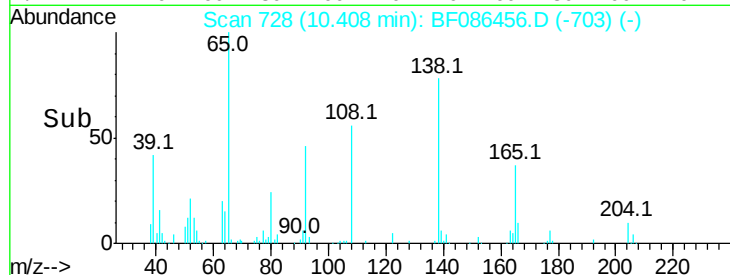
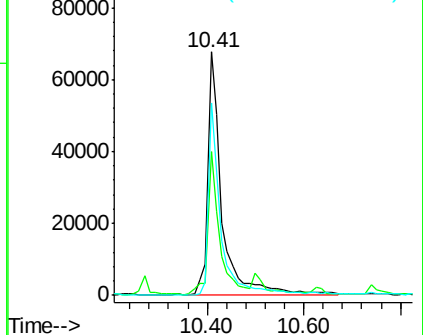
108 79.1 37.4 77.4#



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: 48.53 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Tgt Ion: 77 Resp: 654251

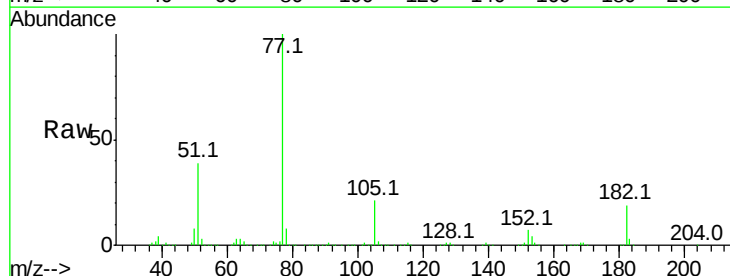
Ion Ratio Lower Upper

77 100

182 18.7 0.0 38.8

105 21.4 3.2 43.2

51 38.7 8.8 48.8

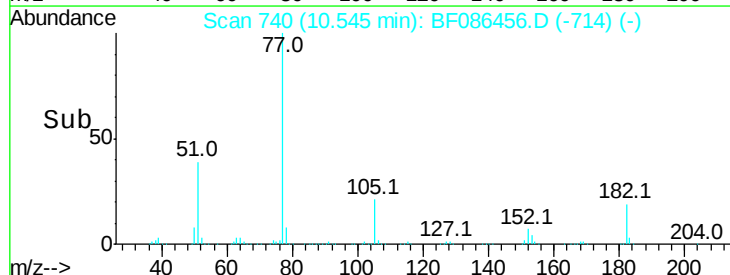
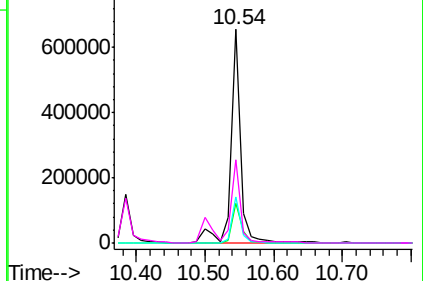


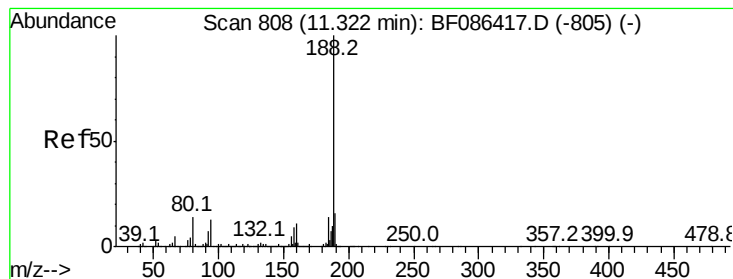
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

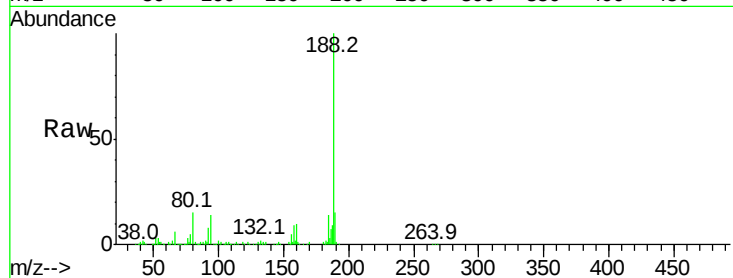
Tot Ion:188 Resp: 265655

Ion Ratio Lower Upper

188 100

94 13.9 6.8 10.2#

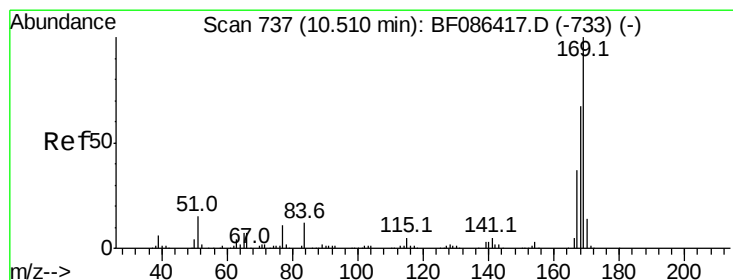
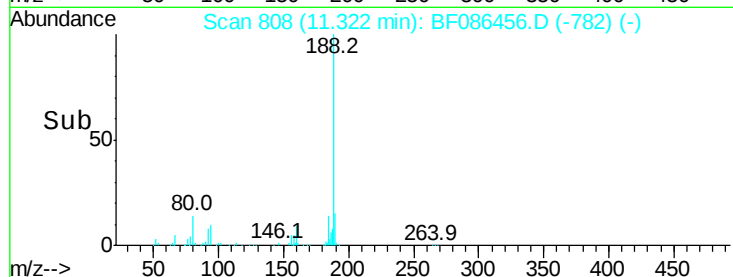
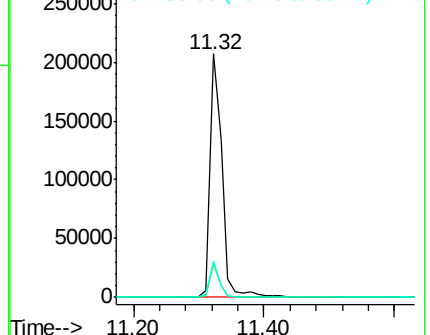
80 15.0 7.1 10.7#



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: 52.97 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

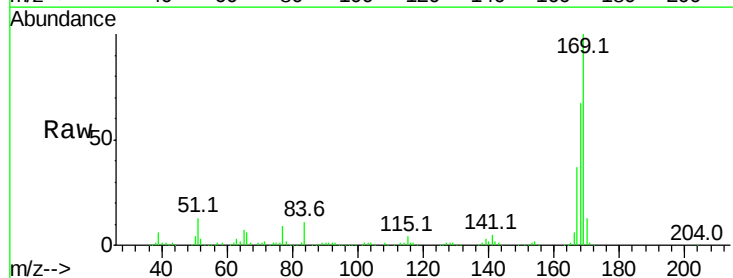
Tgt Ion:169 Resp: 439778

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

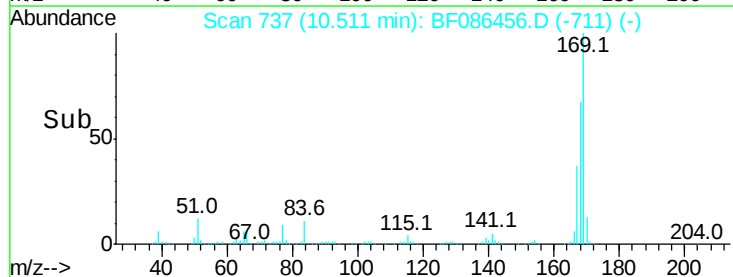
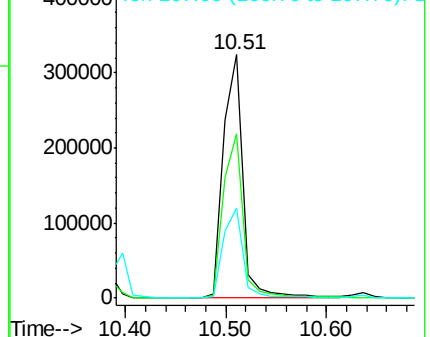
167 37.0 29.5 44.3

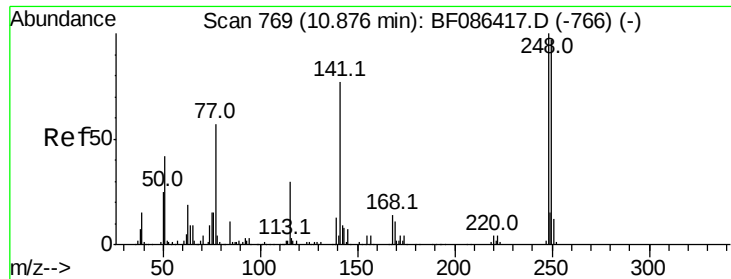


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

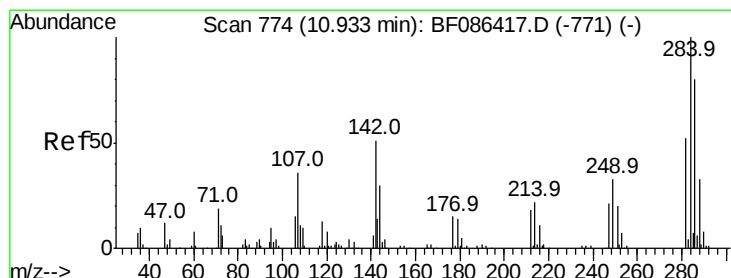
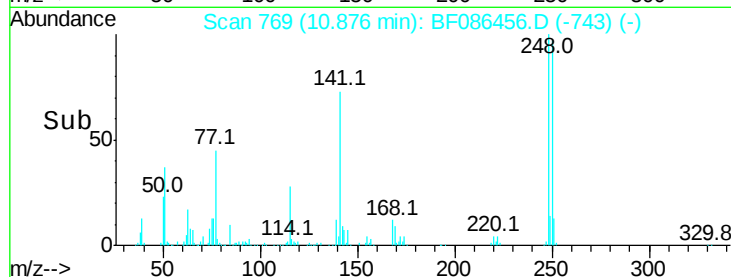
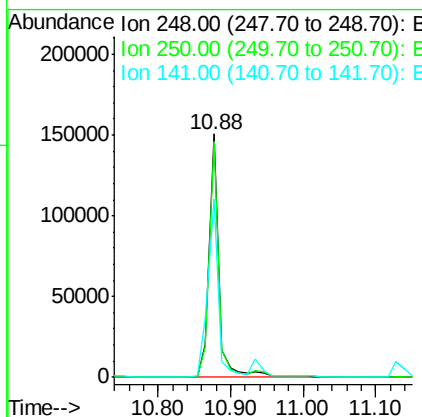
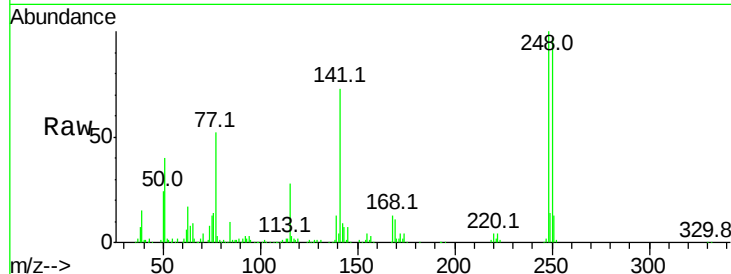




#66
4-Bromophenyl-phenylether
Concen: 52.70 ng
RT: 10.88 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

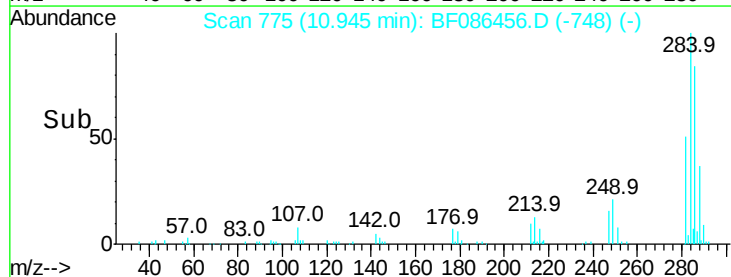
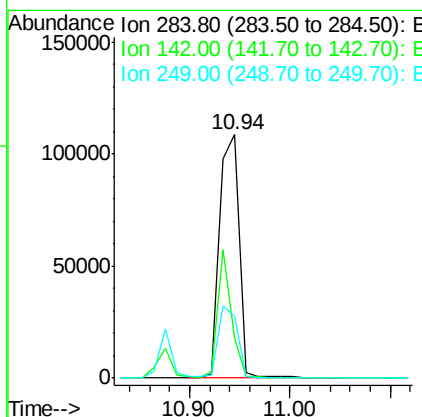
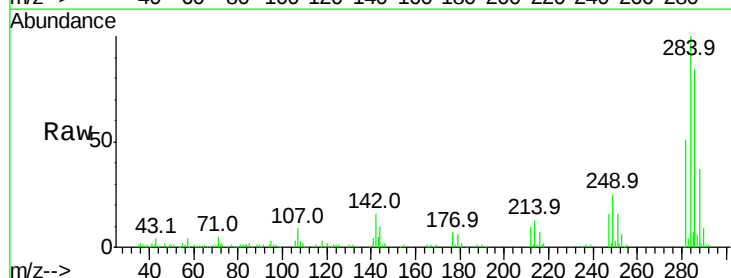
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

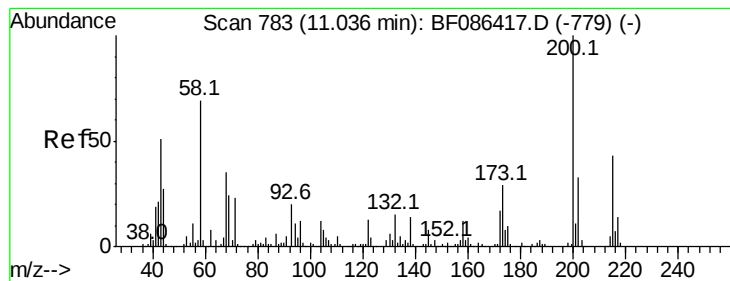
Tot Ion:248 Resp: 144266
Ion Ratio Lower Upper
248 100
250 97.1 78.6 117.8
141 73.2 76.0 114.0#



#67
Hexachlorobenzene
Concen: 46.50 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion:284 Resp: 147349
Ion Ratio Lower Upper
284 100
142 16.3 16.7 25.1#
249 25.2 21.3 31.9





#68

Atrazine

Concen: 51.17 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

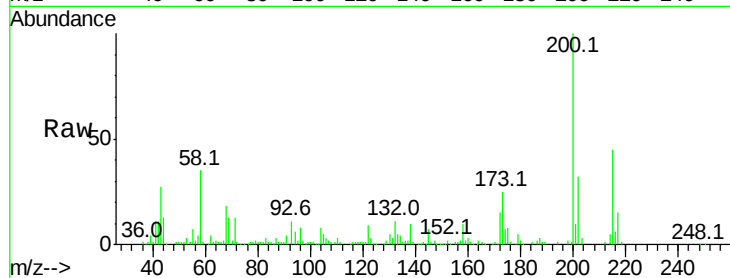
Tot Ion:200 Resp: 127583

Ion Ratio Lower Upper

200 100

173 24.6 8.5 48.5

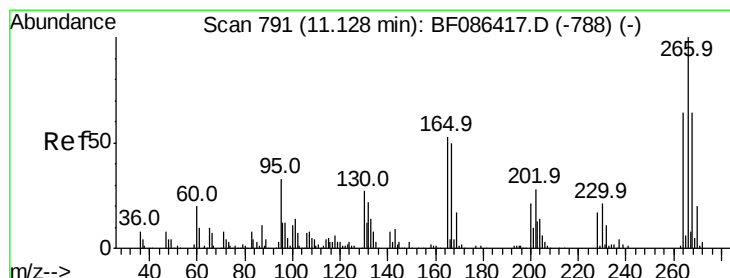
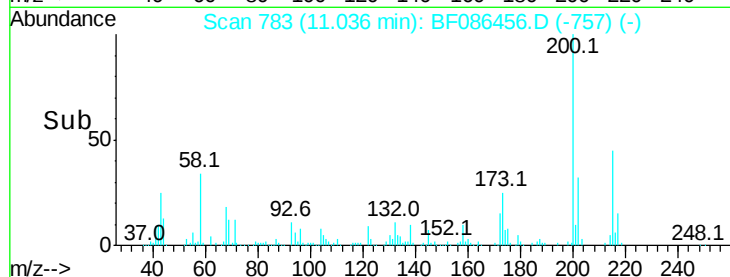
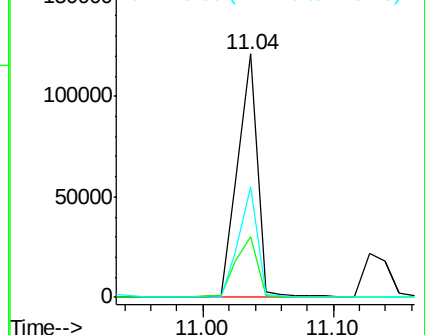
215 45.4 27.2 67.2



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: 96.33 ng

RT: 11.14 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

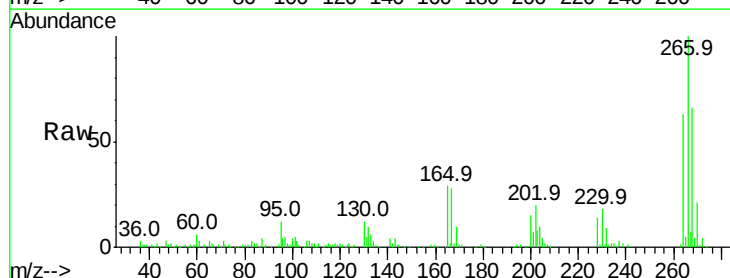
Tgt Ion:266 Resp: 160929

Ion Ratio Lower Upper

266 100

268 65.5 51.5 77.3

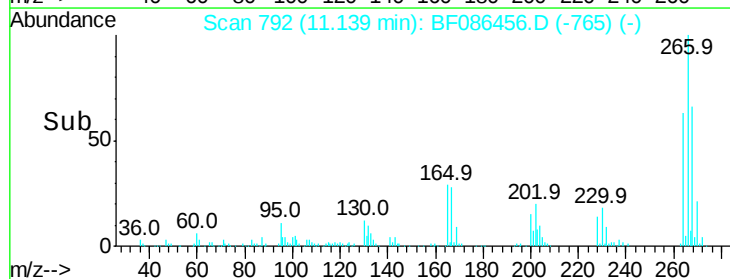
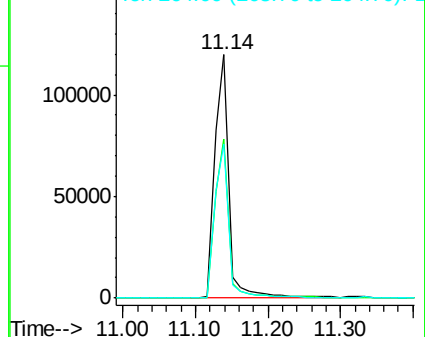
264 63.1 52.9 79.3

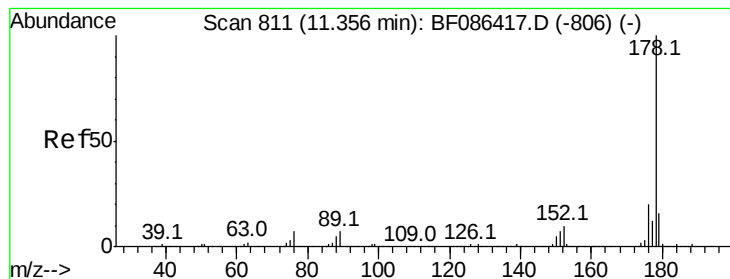


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 49.37 ng

RT: 11.36 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

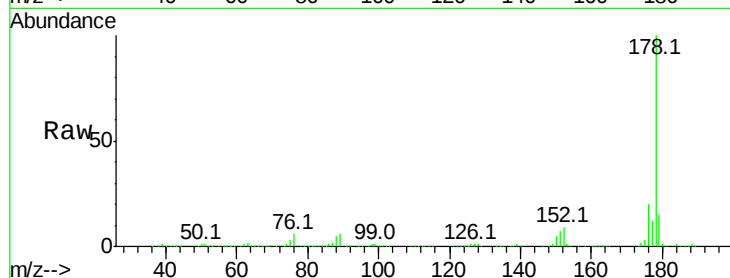
Tot Ion:178 Resp: 688237

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

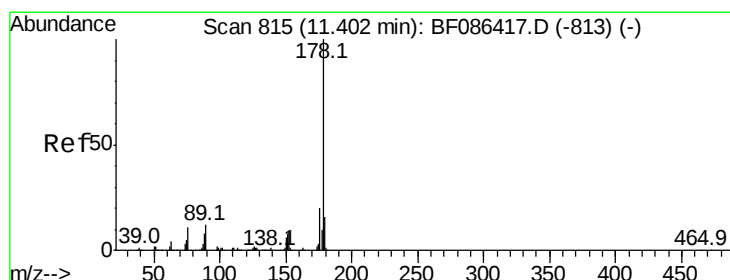
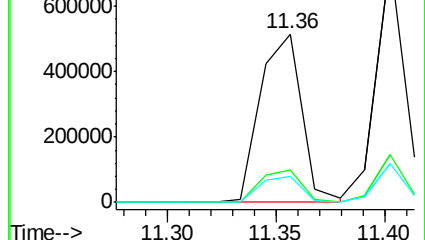
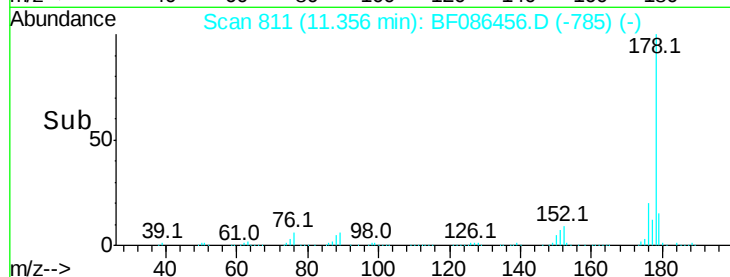
179 15.4 12.6 18.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 51.05 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

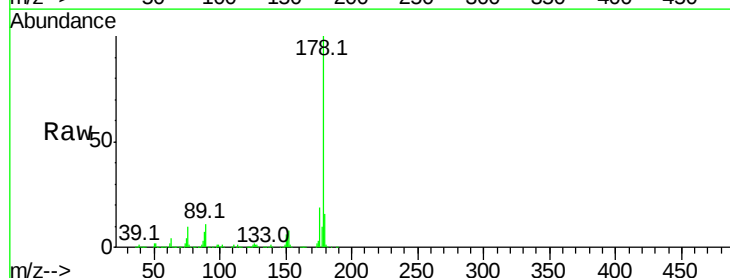
Tgt Ion:178 Resp: 759482

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

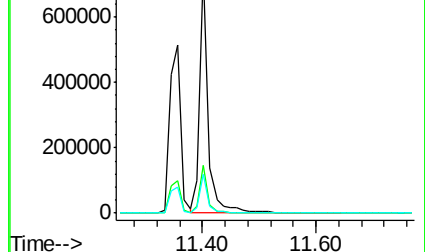
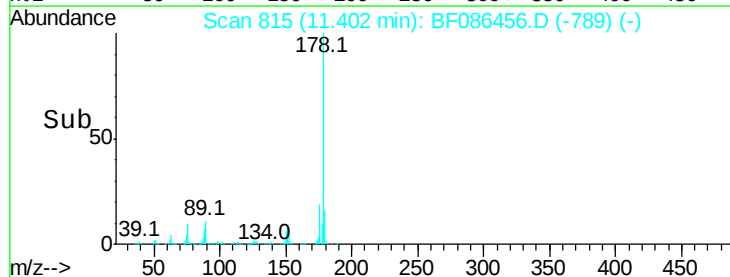
179 15.9 12.7 19.1

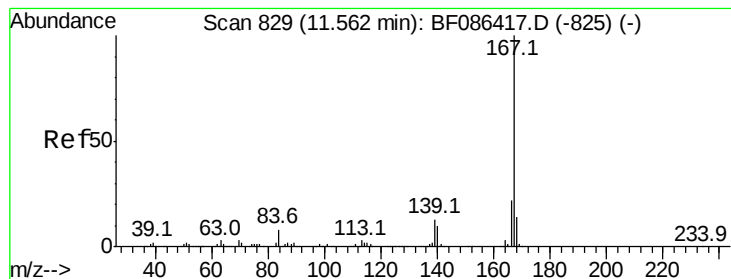


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 55.41 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

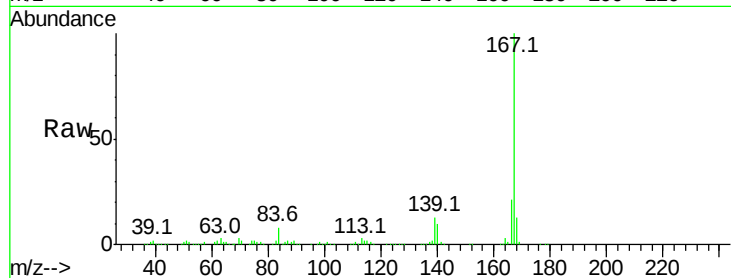
Tot Ion:167 Resp: 730669

Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

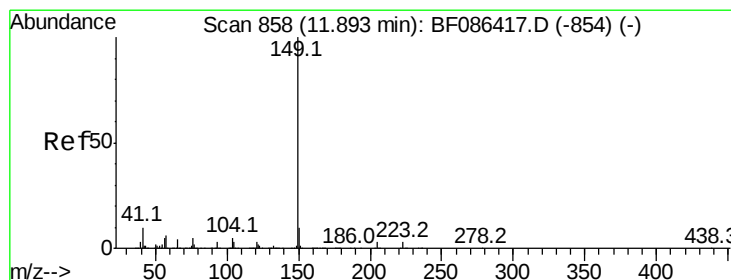
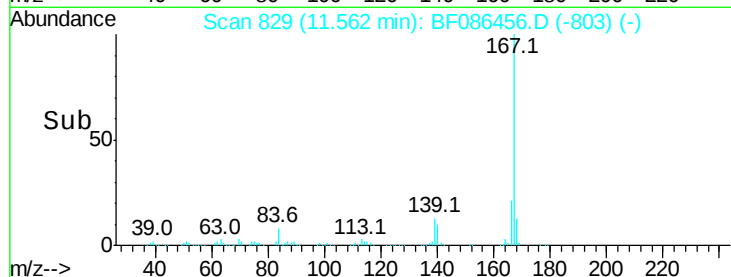
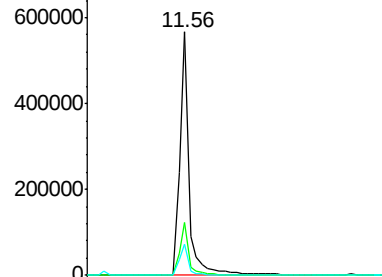
139 12.8 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 53.20 ng

RT: 11.89 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

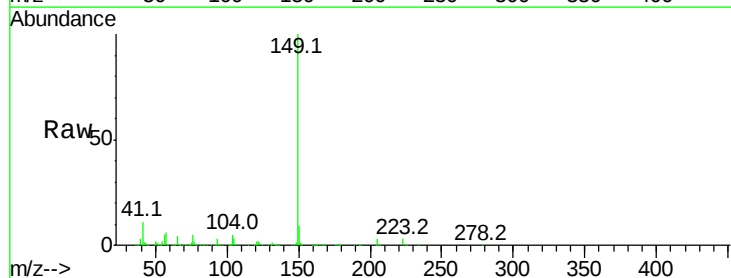
Tgt Ion:149 Resp: 794721

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

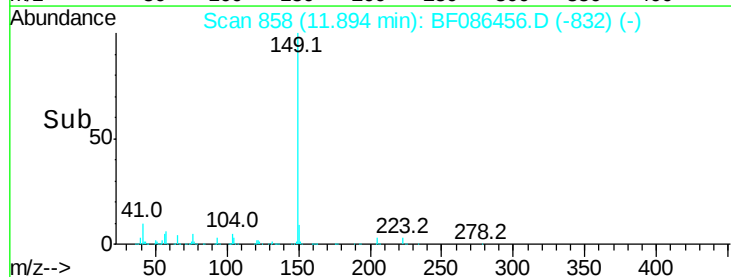
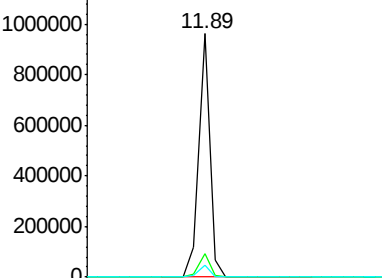
104 5.2 3.8 5.6

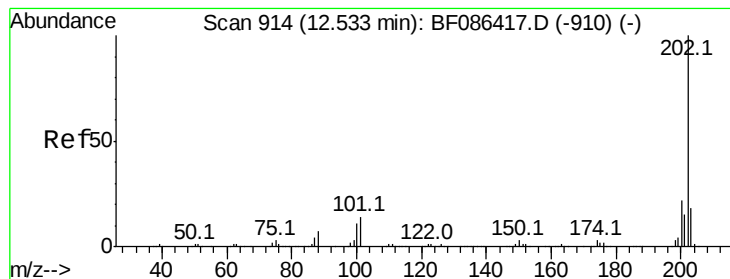


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 56.09 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

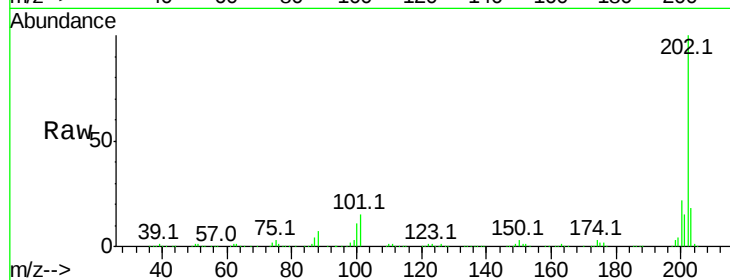
Tot Ion:202 Resp: 789277

Ion Ratio Lower Upper

202 100

101 14.5 0.0 35.4

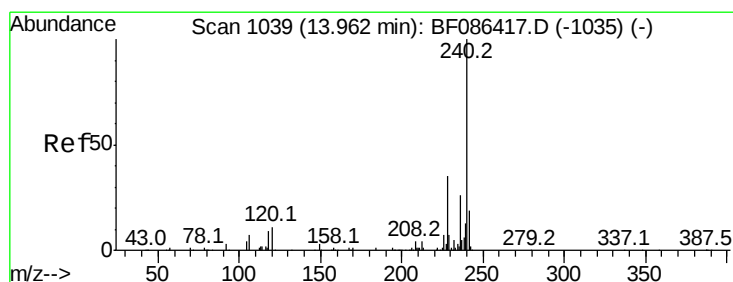
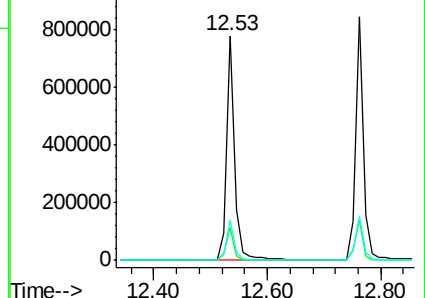
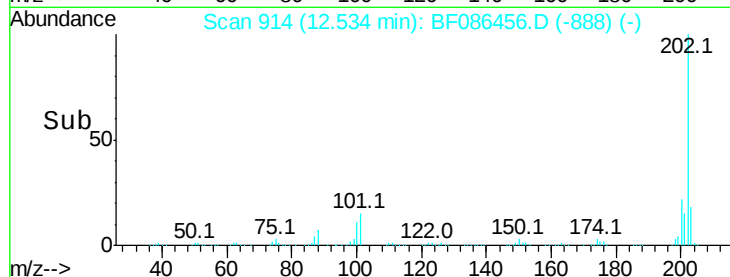
203 17.8 0.0 38.1



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: BF086456.D

Acq: 28 Apr 2016 6:40

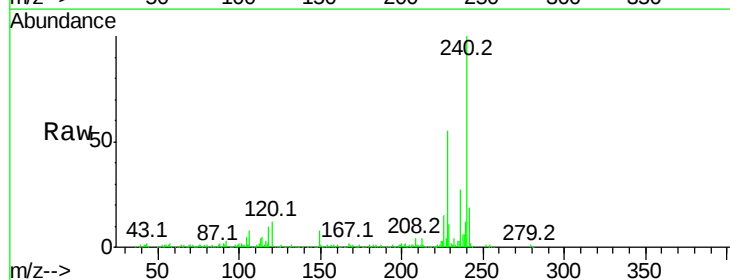
Tgt Ion:240 Resp: 280179

Ion Ratio Lower Upper

240 100

120 12.2 11.2 16.8

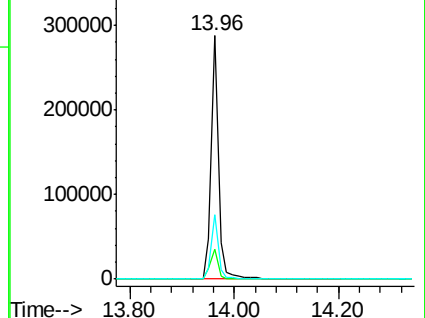
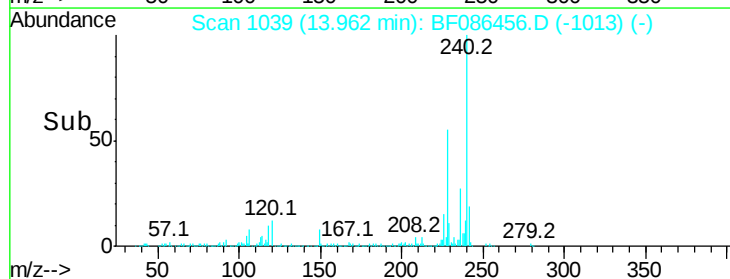
236 26.6 21.2 31.8

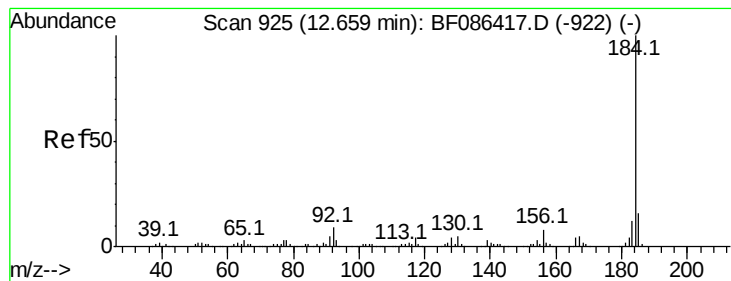


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 15.43 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

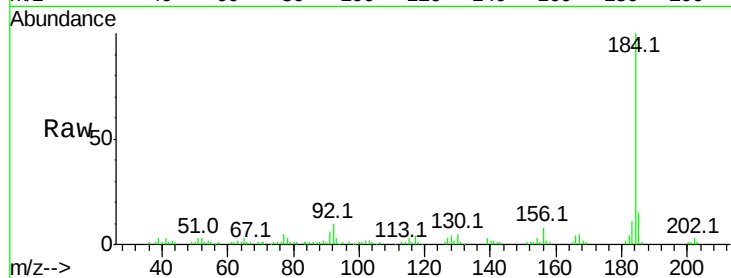
Tot Ion:184 Resp: 148548

Ion Ratio Lower Upper

184 100

185 15.0 13.6 20.4

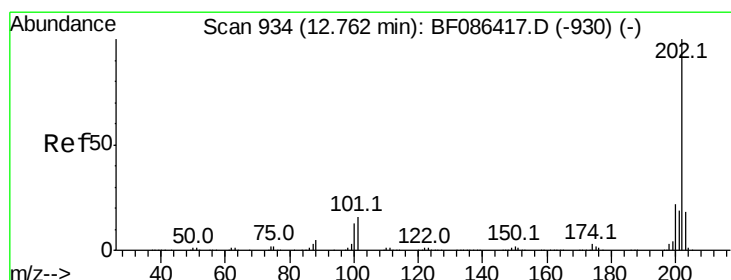
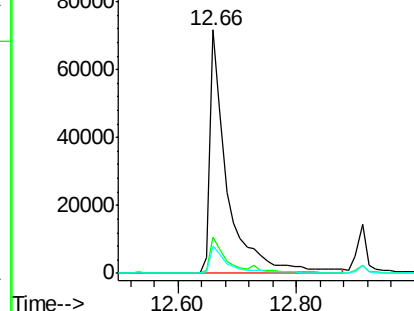
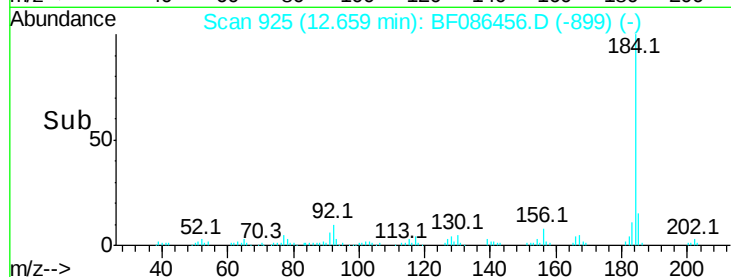
183 11.3 9.8 14.6



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: 40.58 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

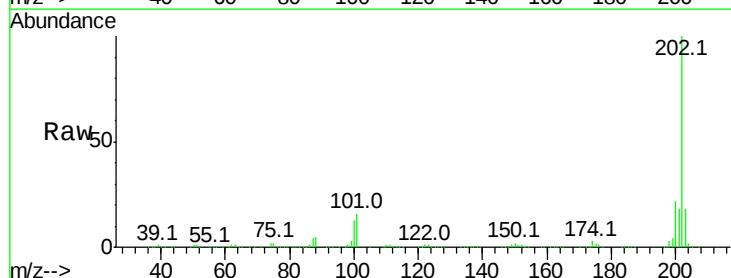
Tgt Ion:202 Resp: 819277

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

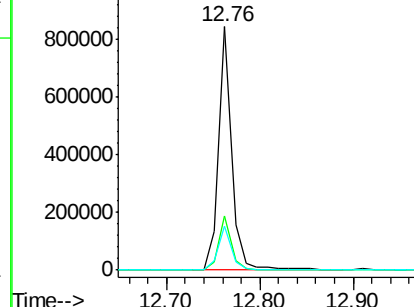
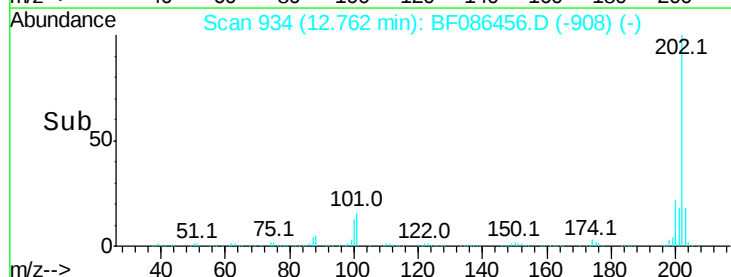
203 18.0 14.2 21.4

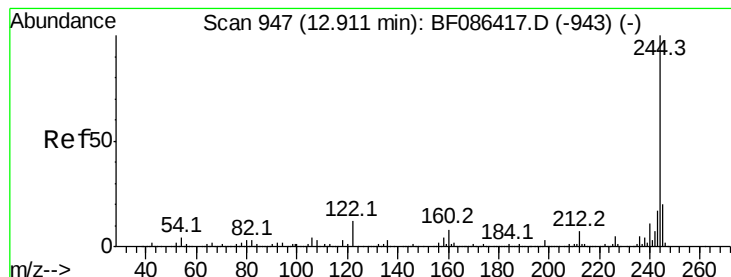


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.58 ng

RT: 12.91 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

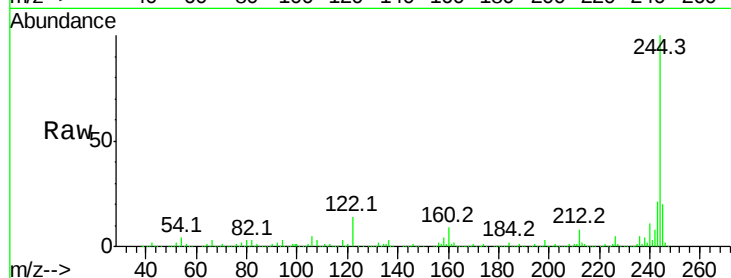
Tot Ion:244 Resp: 935715

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

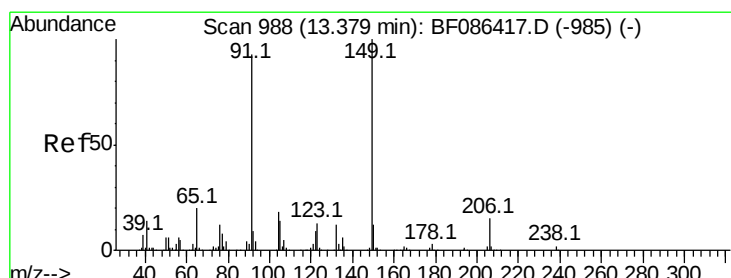
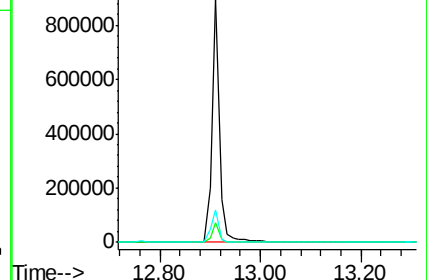
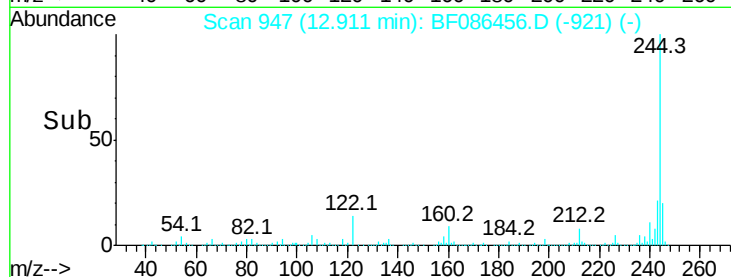
122 13.6 12.0 18.0



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: 45.72 ng

RT: 13.39 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

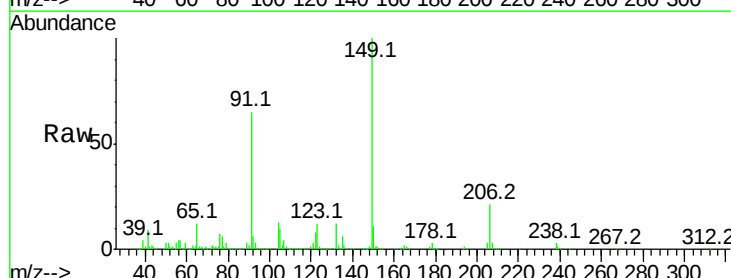
Tgt Ion:149 Resp: 399704

Ion Ratio Lower Upper

149 100

91 65.0 48.0 72.0

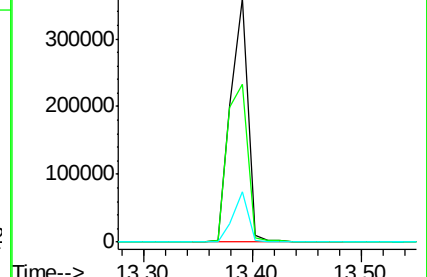
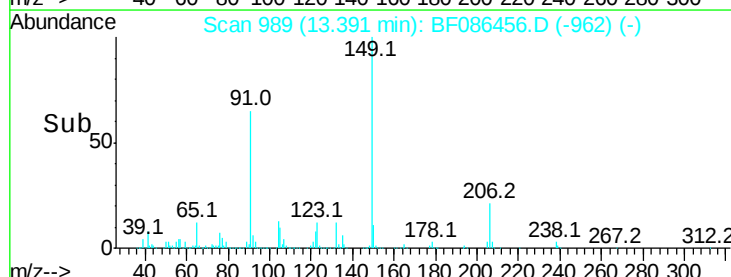
206 20.8 15.8 23.6

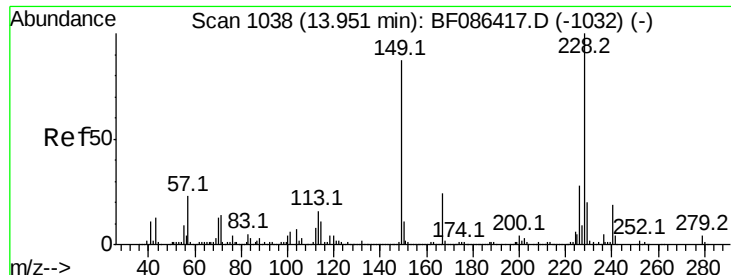


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

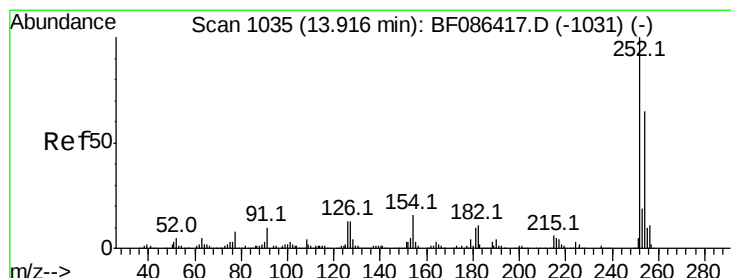
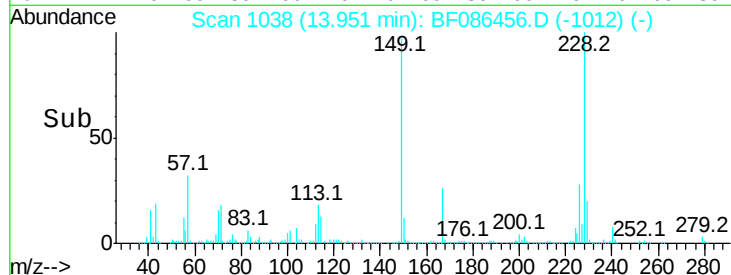
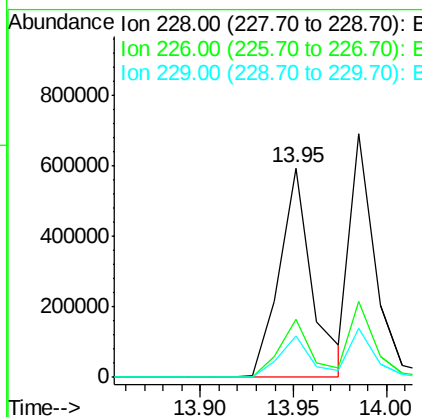
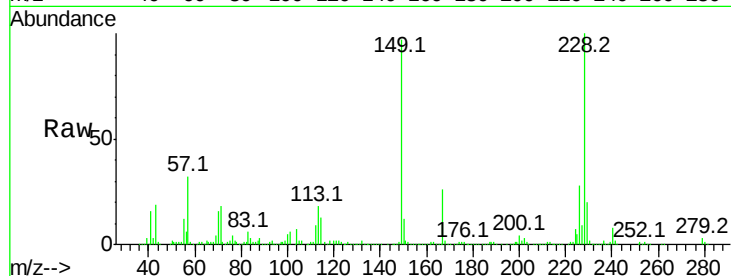




#80
Benzo(a)anthracene
Concen: 48.89 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

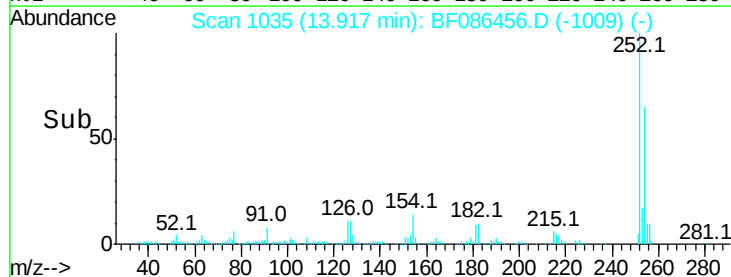
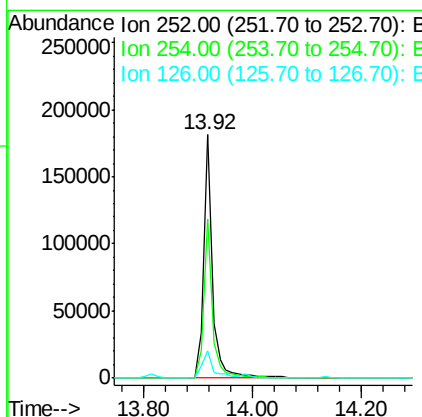
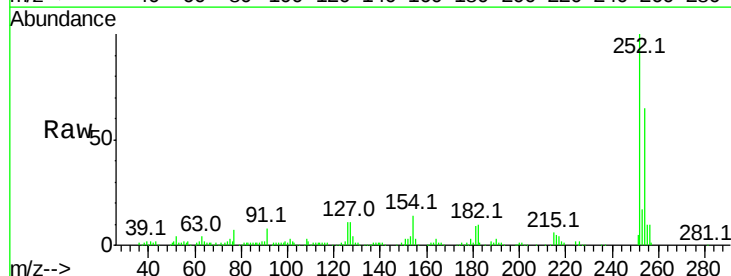
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

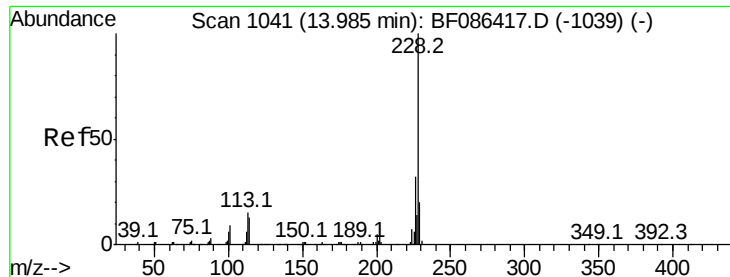
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.0	16.6	25.0



#81
3,3'-Dichlorobenzidine
Concen: 20.42 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.7	76.1
126	11.1	12.7	19.1#





#82

Chrysene

Concen: 42.82 ng

RT: 13.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

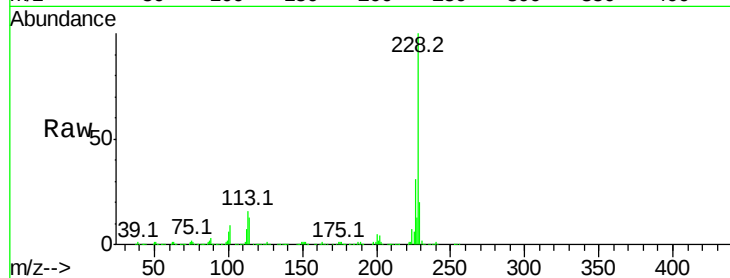
Tot Ion:228 Resp: 695286

Ion Ratio Lower Upper

228 100

226 31.4 24.4 36.6

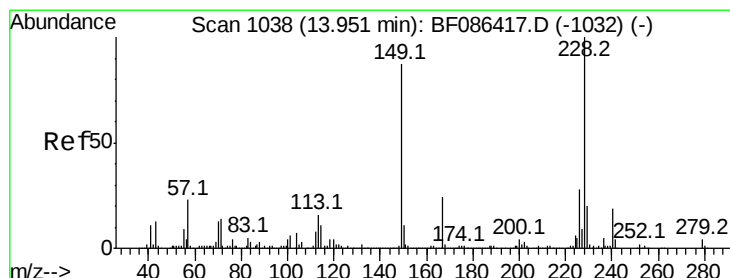
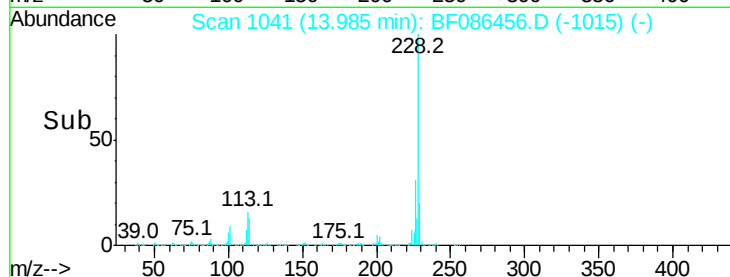
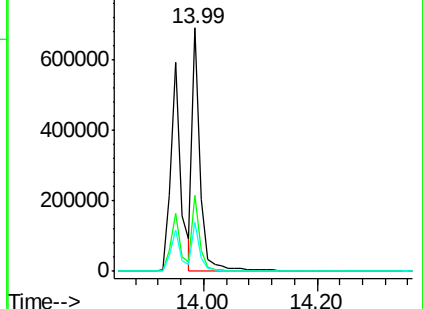
229 19.9 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 49.69 ng

RT: 13.95 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

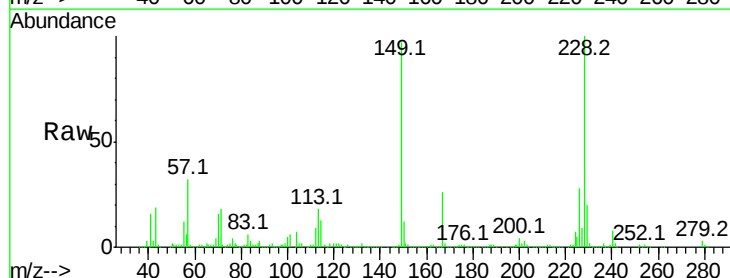
Tgt Ion:149 Resp: 539279

Ion Ratio Lower Upper

149 100

167 26.3 21.8 32.6

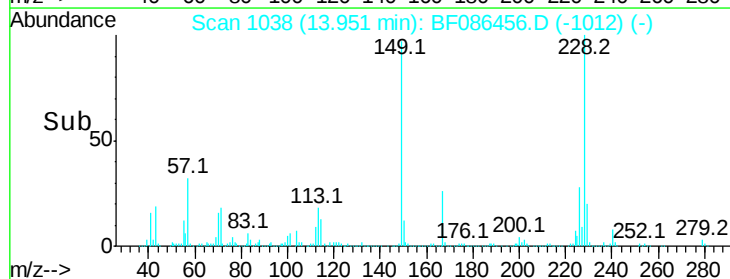
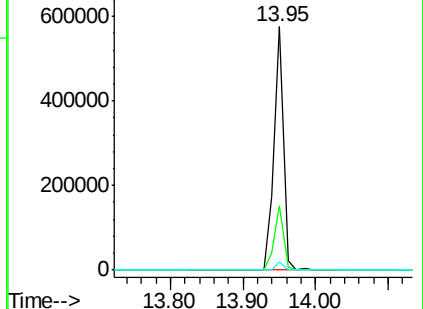
279 3.3 2.6 4.0

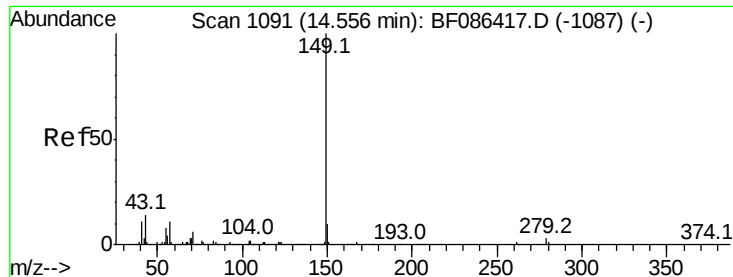


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

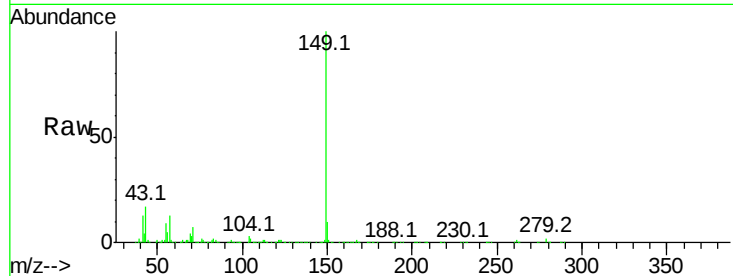




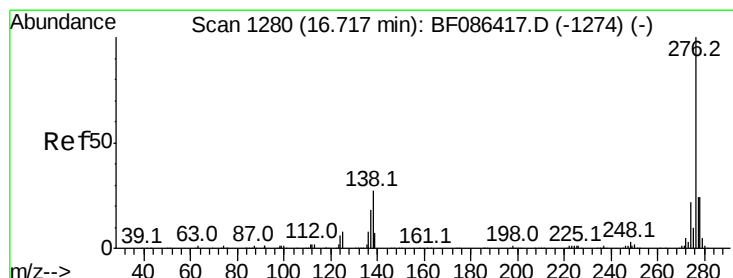
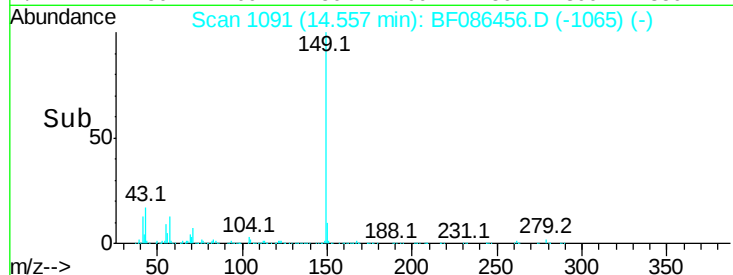
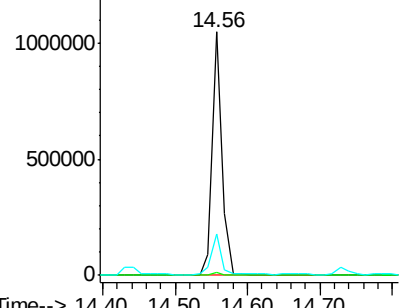
#84
Di-n-octyl phthalate
Concen: 57.45 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

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

Tot Ion:149 Resp: 976376
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 16.1 8.2 12.4#

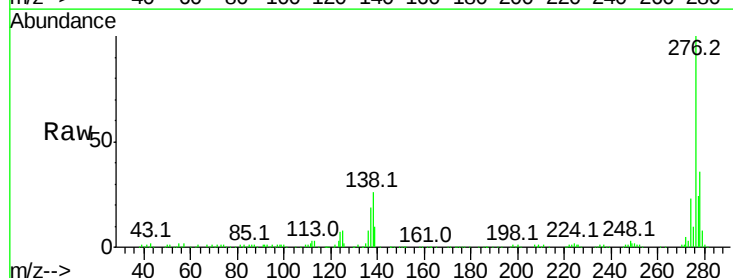


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

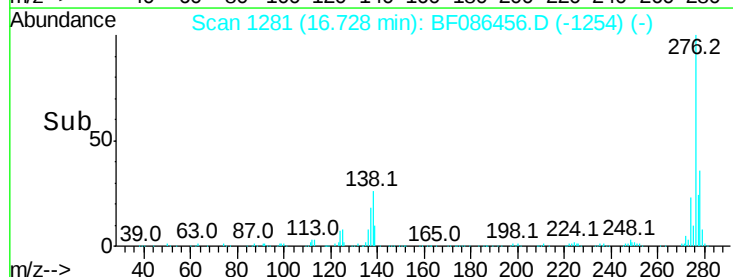
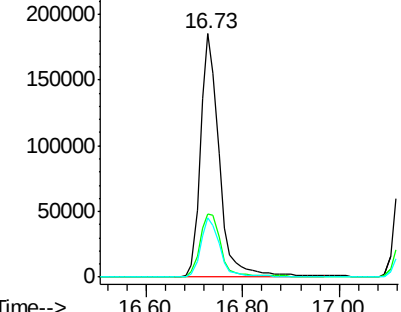


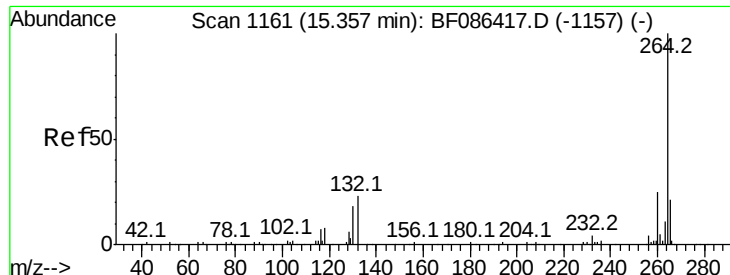
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.40 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion:276 Resp: 510139
Ion Ratio Lower Upper
276 100
138 29.4 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

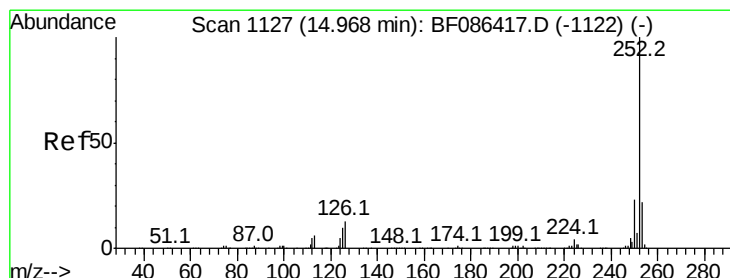
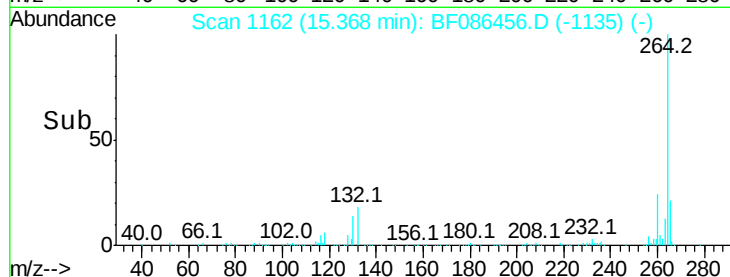
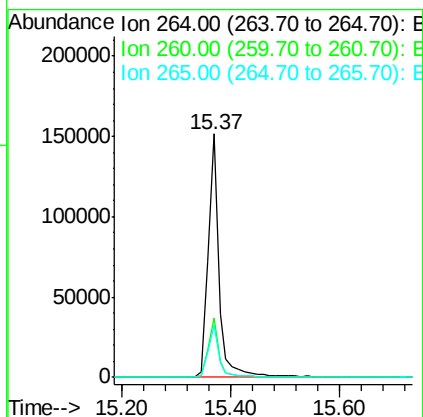
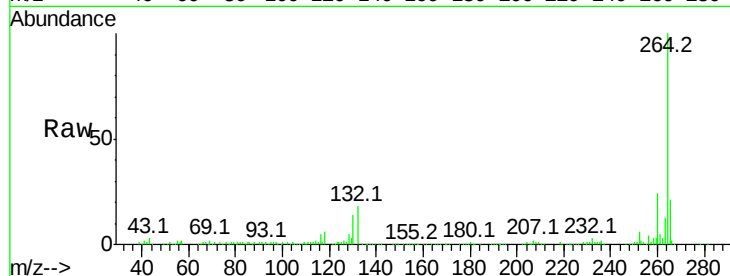




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

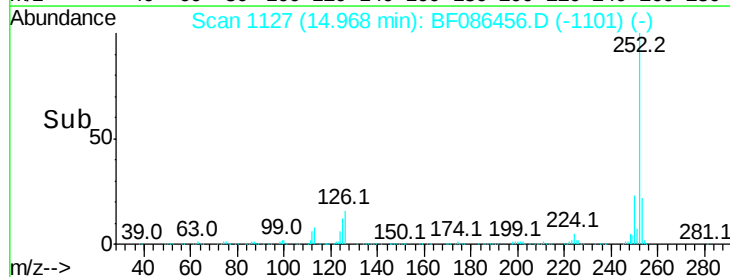
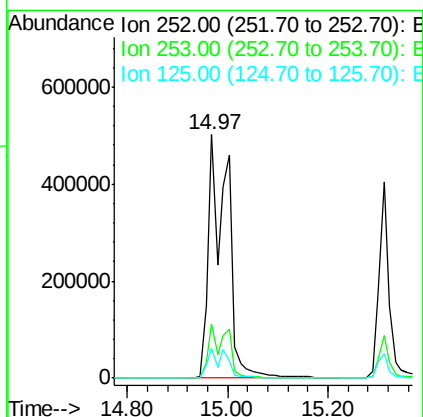
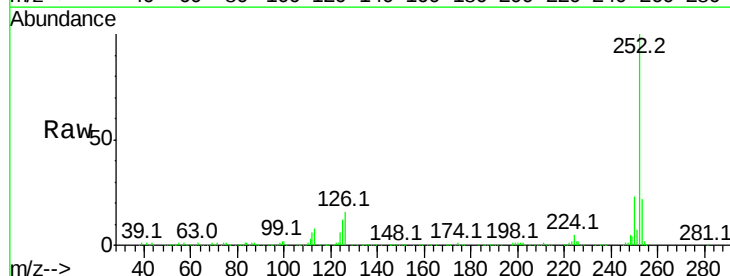
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

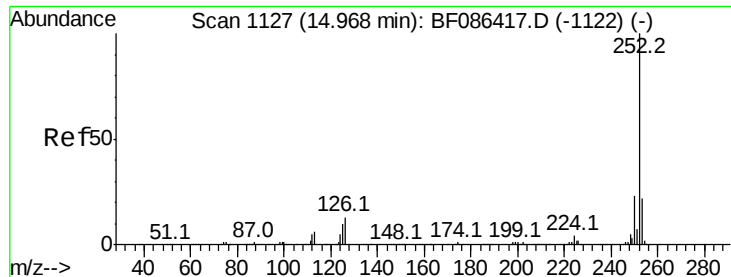
Tot Ion:264 Resp: 210356
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 21.0 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 107.00 ng
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion:252 Resp: 1324161
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.1 11.4 17.0

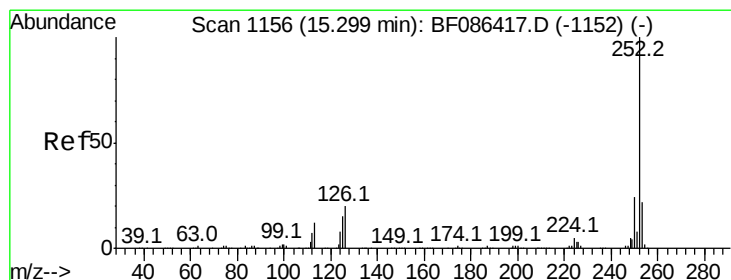
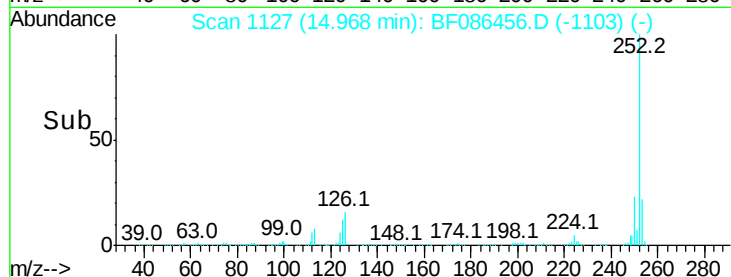
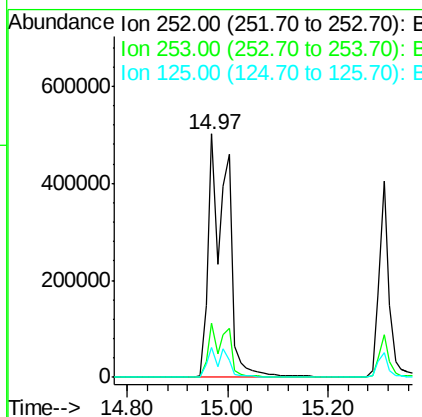
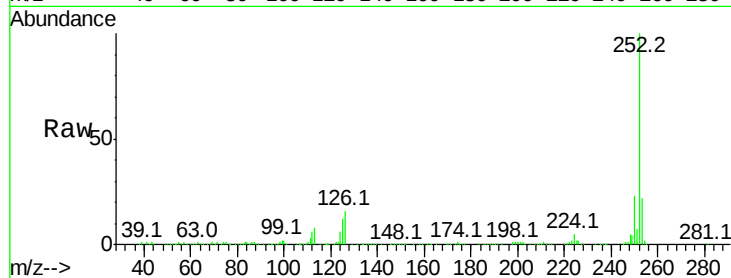




#88
Benzo(k)fluoranthene
Concen: 102.59 ng
RT: 14.97 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

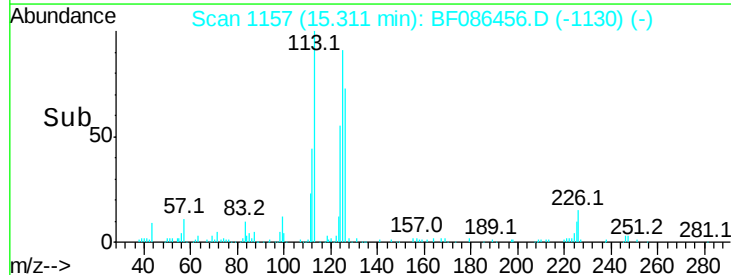
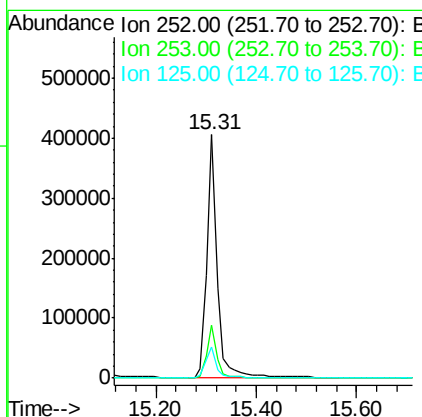
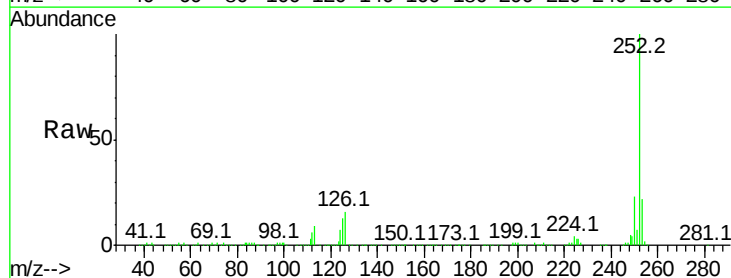
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

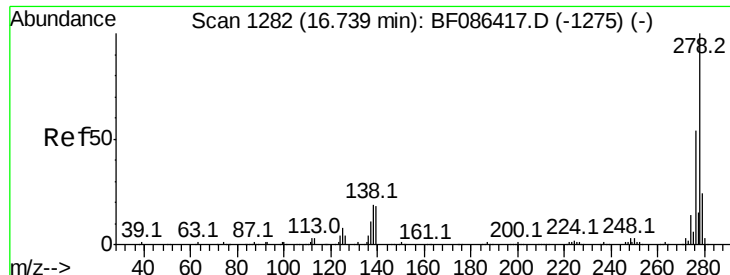
Tot Ion:252 Resp: 1324161
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.1 9.1 13.7



#89
Benzo(a)pyrene
Concen: 48.90 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086456.D
Acq: 28 Apr 2016 6:40

Tgt Ion:252 Resp: 571380
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 12.6 9.0 13.6





#90

Dibenzo(a,h)anthracene

Concen: 46.27 ng

RT: 16.75 min Scan# 1283

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

Instrument :

BNA_F

ClientSampleId :

RICHMOND-AMBOY-SB09(0.5-6.0)M

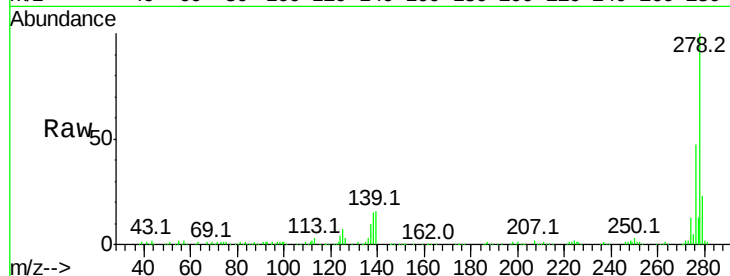
Tot Ion:278 Resp: 442428

Ion Ratio Lower Upper

278 100

139 15.9 16.6 24.8#

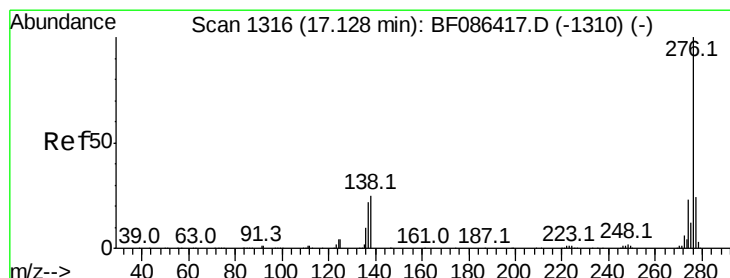
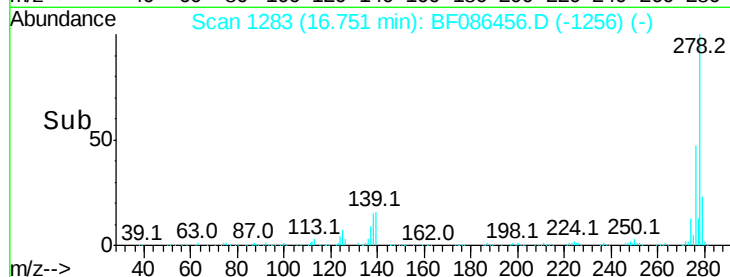
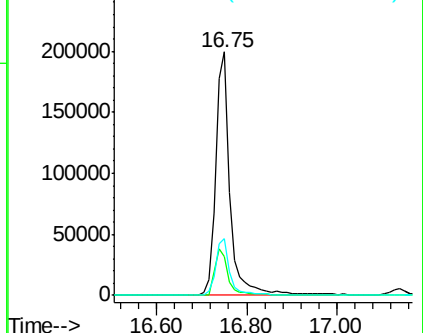
279 23.3 19.6 29.4



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: 42.41 ng

RT: 17.14 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF086456.D

Acq: 28 Apr 2016 6:40

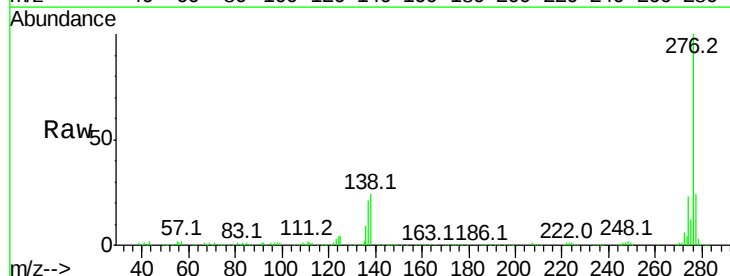
Tgt Ion:276 Resp: 406382

Ion Ratio Lower Upper

276 100

277 23.9 19.6 29.4

138 24.3 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

