Quantitation Report (QT Reviewed)

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

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

Manual Integrations APPROVED
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4/28/2016 1:40:20 PM

Quant Time: Apr 28 08:18:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	122698	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	440122	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	164870	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	255420	20.00	ng		0.00
75) Chrysene-d12	13.96	240	268245	20.00	ng		0.00
86) Perylene-d12	15.37	264	198677	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1071750	150.67	ng		0.02
7) Phenol-d6	6.45	99	1334919	134.46	ng		0.01
23) Nitrobenzene-d5	7.38	82	838721	102.72	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	212760	122.37	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1143169	136.66	ng		0.00
78) Terphenyl-d14	12.91	244	878547	72.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	154762	41.42	ng	#	79
3) Pyridine	3.12	79	396492	44.83	ng	#	68
4) n-Nitrosodimethylamine	3.07	42	269018	53.37	ng	#	60
6) Aniline	6.46	93	274758	22.87	ng	#	1
8) 2-Chlorophenol	6.59	128	380690	42.97	ng		85
9) Benzaldehyde	6.35	77	67063	11.61	ng		96
10) Phenol	6.46	94	573969	51.82	ng		81
11) bis(2-Chloroethyl)ether	6.54	93	427304	44.62	ng		85
12) 1,3-Dichlorobenzene	6.75	146	425550	44.65	ng		99
13) 1,4-Dichlorobenzene	6.83	146	423724	43.09	ng		98
14) 1,2-Dichlorobenzene	6.98	146	420436	46.62	ng		99
15) Benzyl Alcohol	6.96	79	348893	55.55	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.09	45	889596	46.41	ng		87
17) 2-Methylphenol	7.07	107	321655	44.92	ng		94
18) Hexachloroethane	7.32	117	125698	34.21	ng	#	88
19) n-Nitroso-di-n-propylamine	7.23	70	326330	49.73	ng	#	78
20) 3+4-Methylphenols	7.23	107	381346	46.64	ng	#	75
22) Acetophenone	7.22	105	537071	55.65	ng	#	92
24) Nitrobenzene	7.39	77	394302	46.94	ng		96
25) Isophorone	7.63	82	774675	49.30	ng		99
26) 2-Nitrophenol	7.71	139	117873	30.48	ng		92
27) 2,4-Dimethylphenol	7.76	122	349388	51.49	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	494627	57.78	ng		98
29) 2,4-Dichlorophenol	7.95	162	270350	47.22	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	323160	48.65	ng		99
31) Naphthalene	8.11	128	1064959	47.55	ng		99
32) Benzoic acid	7.82	122	22176m	13.19	ng		
33) 4-Chloroaniline	8.17	127	155077	18.49	ng		97
34) Hexachlorobutadiene	8.24	225	184862	49.65	ng		98
35) Caprolactam	8.52	113	75627	39.60	ng	#	54
36) 4-Chloro-3-methylphenol	8.66	107	270953m	41.33	ng		
37) 2-Methylnaphthalene	8.81	142	661615	50.07	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	251839	53.36	ng		99
40) Hexachlorocyclopentadiene	8.96	237	25161	10.73	ng		95

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Quant Time: Apr 28 08:18:07 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)
42) 2,4,6-Trichlorophenol	9.08	196	140053	46.95	ng		96
43) 2,4,5-Trichlorophenol	9.13	196	152269	46.83	ng	#	90
45) 1,1'-Biphenyl	9.28	154	748594	54.32	ng		99
46) 2-Chloronaphthalene	9.30	162	544231	51.94	ng		98
47) 2-Nitroaniline	9.39	65	199190	59.28	ng	#	82
48) Acenaphthylene	9.71	152	818746	49.99	ng		99
49) Dimethylphthalate	9.57	163	783426	63.12	ng		100
50) 2,6-Dinitrotoluene	9.63	165	116053	45.26	ng	#	85
51) Acenaphthene	9.88	154	493303	46.89	ng		97
52) 3-Nitroaniline	9.80	138	141187	48.42	ng		99
53) 2,4-Dinitrophenol	9.92	184	1740	8.95	ng	#	1
54) Dibenzofuran	10.05	168	691838	52.62	ng		99
55) 4-Nitrophenol	9.96	139	145298	76.10	ng	#	59
56) 2,4-Dinitrotoluene	10.03	165	124146	37.98	ng	#	87
57) Fluorene	10.40	166	501020	43.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	126645	49.82	ng		94
59) Diethylphthalate	10.27	149	599660	51.04	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	230114	44.40	ng		96
61) 4-Nitroaniline	10.41	138	133144	46.71	ng	#	73
62) Azobenzene	10.54	77	619902	48.17	ng		91
65) n-Nitrosodiphenylamine	10.51	169	430103	53.88	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	139438	52.98	ng	#	89
67) Hexachlorobenzene	10.94	284	143710	47.17	ng		94
68) Atrazine	11.04	200	119278	49.76	ng		96
69) Pentachlorophenol	11.14	266	150189	93.51	ng		98
70) Phenanthrene	11.34	178	661664	49.36	ng		100
71) Anthracene	11.40	178	741769	51.85	ng		100
72) Carbazole	11.56	167	682455	53.83	ng		99
73) Di-n-butylphthalate	11.89	149	777555	54.14	ng		99
74) Fluoranthene	12.53	202	743207	54.93	ng		98
76) Benzidine	12.66	184	188129	20.41	ng		96
77) Pyrene	12.76	202	769960	39.83	ng		99
79) Butylbenzylphthalate	13.39	149	369146	44.10	ng		92
80) Benzo(a)anthracene	13.95	228	687441	48.07	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	213585	22.34	ng	#	97
82) Chrysene	13.99	228	651551	41.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	516841	49.74	ng		98
84) Di-n-octyl phthalate	14.56	149	916508	56.32	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.73	276	476015	41.33	ng		97
87) Benzo(b)fluoranthene	14.97	252	561567m	48.05	ng		
88) Benzo(k)fluoranthene	15.00	252	648095m	53.16	ng		
89) Benzo(a)pyrene	15.31	252	529908	48.02	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	412467	45.68	ng		100
91) Benzo(g,h,i)perylene	17.14	276	382320	42.25	ng	#	92

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

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

Manual Integrations APPROVED
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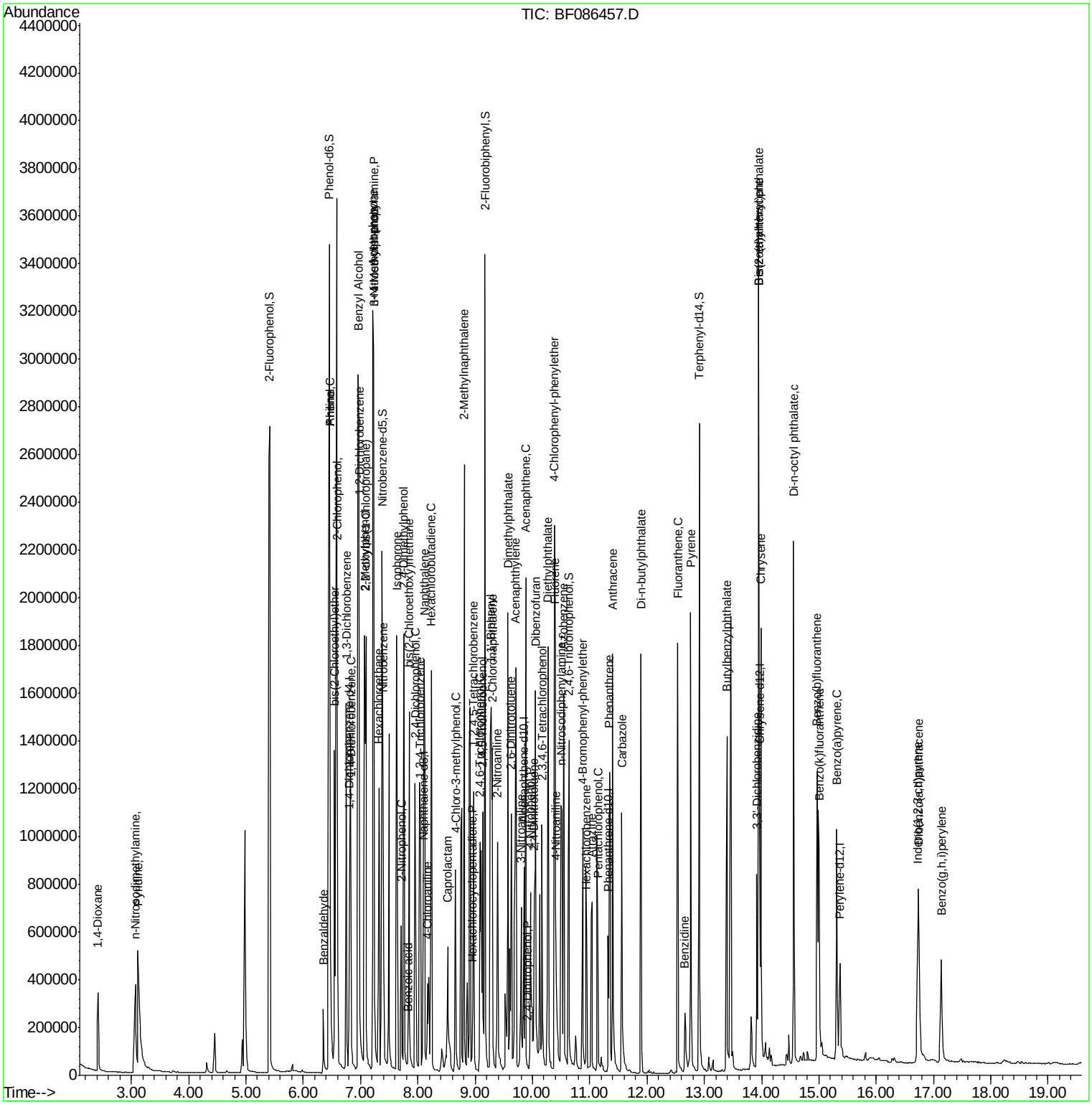
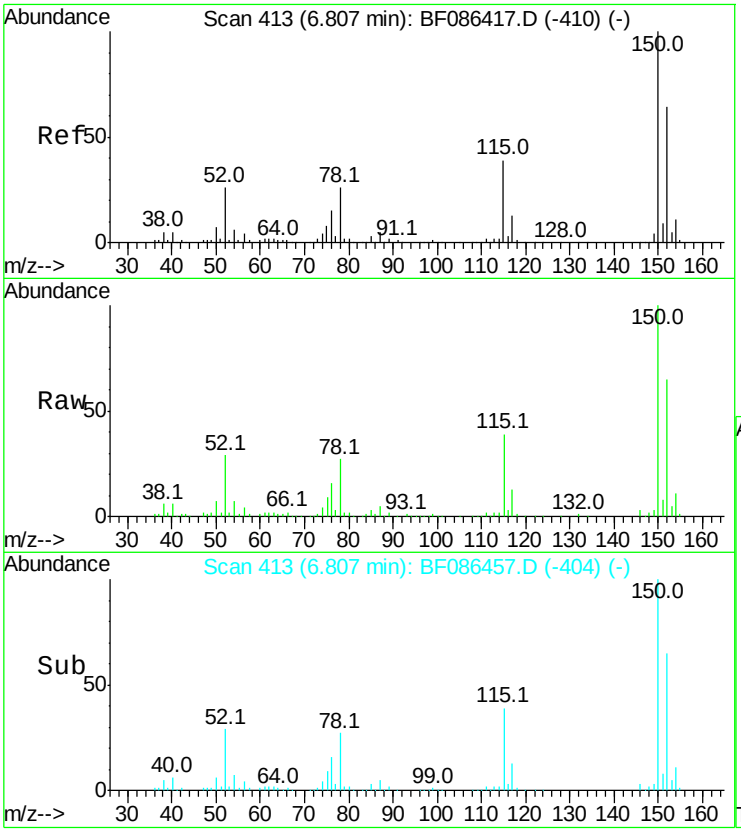
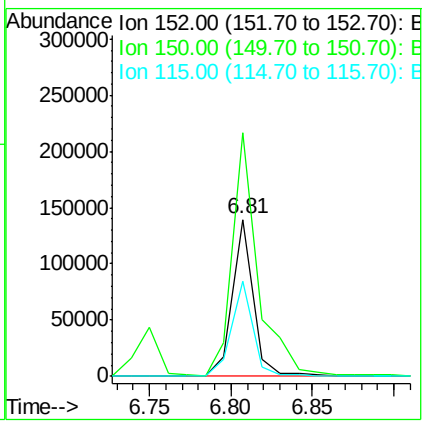




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:152 Resp: 122698

Ion	Ratio	Lower	Upper
152	100		
150	154.9	125.8	188.6
115	60.6	51.5	77.3



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

Manual Integrations APPROVED
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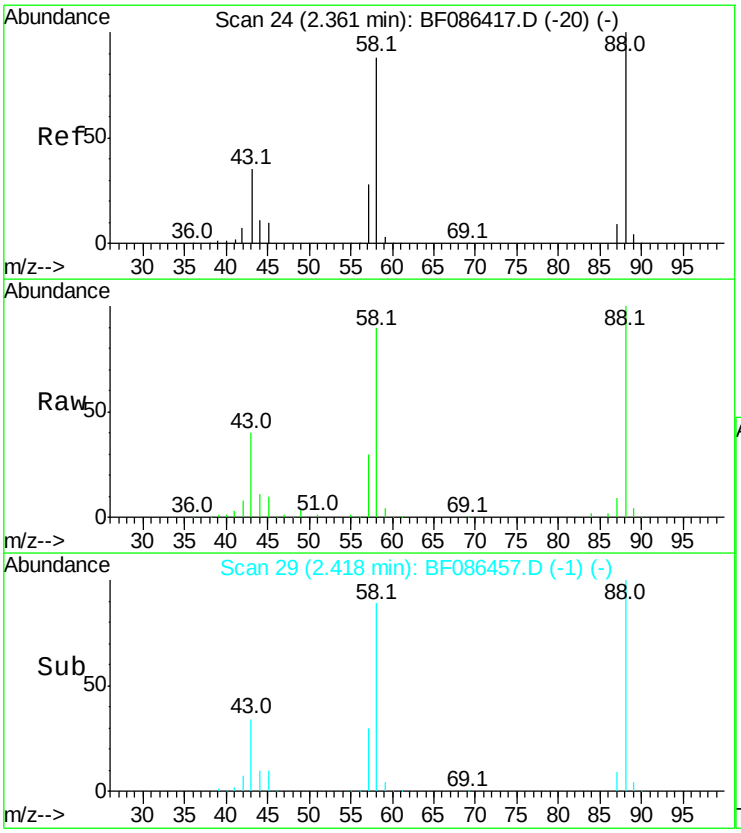
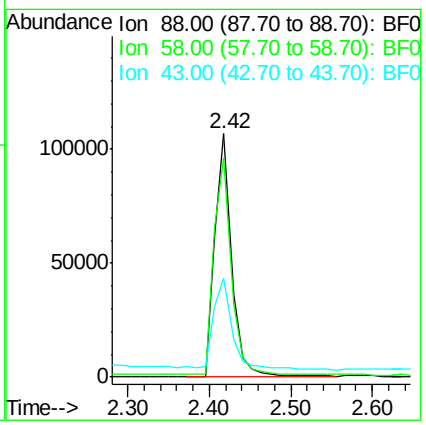
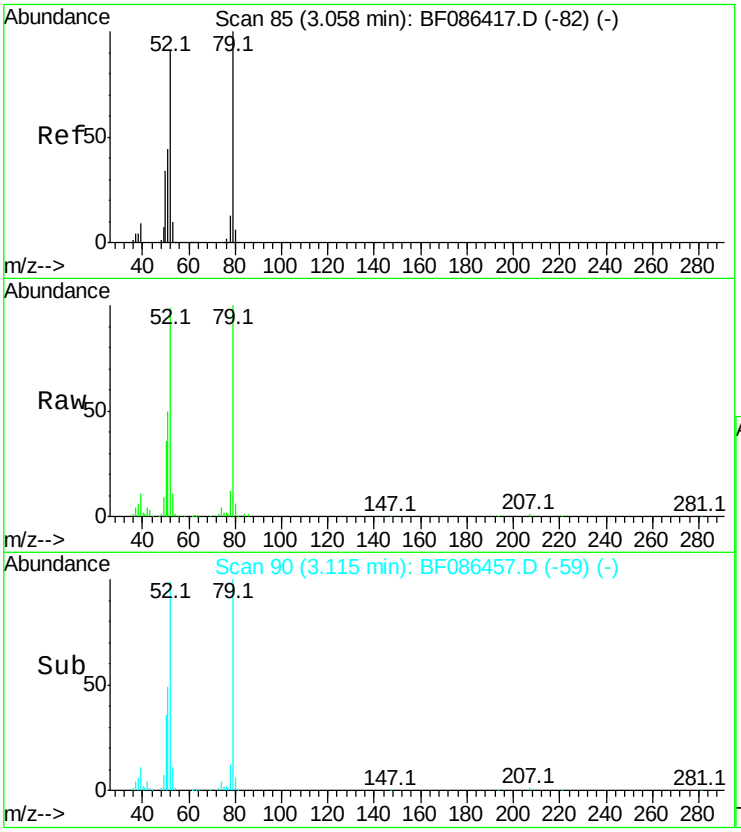


#2
1,4-Dioxane
Concen: 41.42 ng
RT: 2.42 min Scan# 29
Delta R.T. 0.06 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 88 Resp: 154762

Ion	Ratio	Lower	Upper
88	100		
58	90.8	59.6	89.4#
43	41.5	21.8	32.6#





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

Tgt Ion: 79 Resp: 396492

Ion	Ratio	Lower	Upper
79	100		
52	98.7	55.9	83.9#
51	49.9	28.1	42.1#

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

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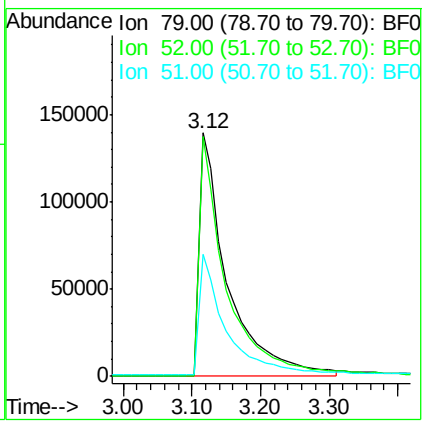
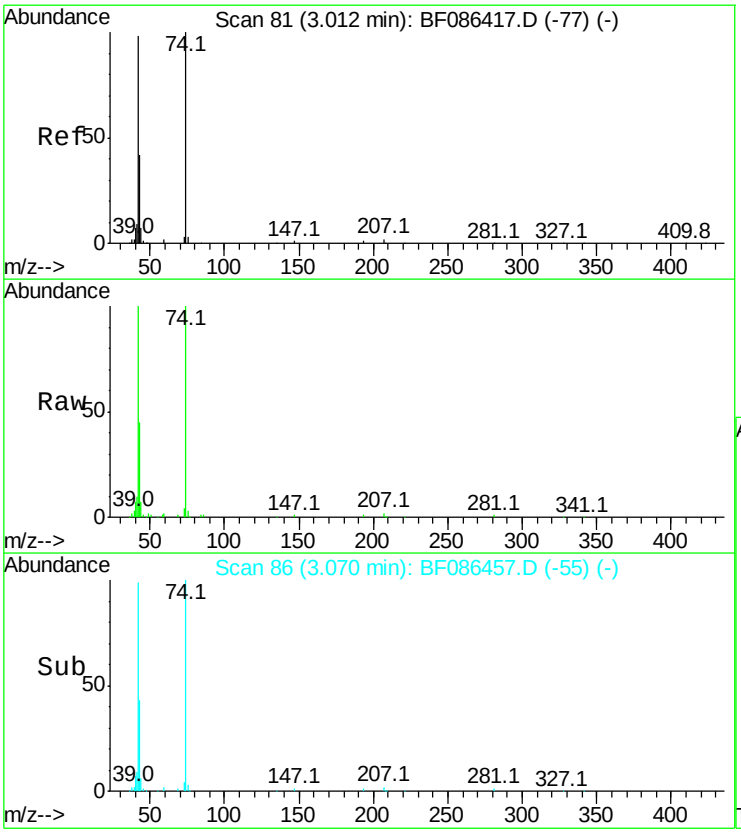
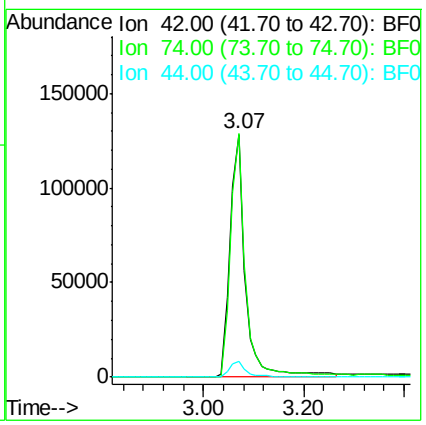


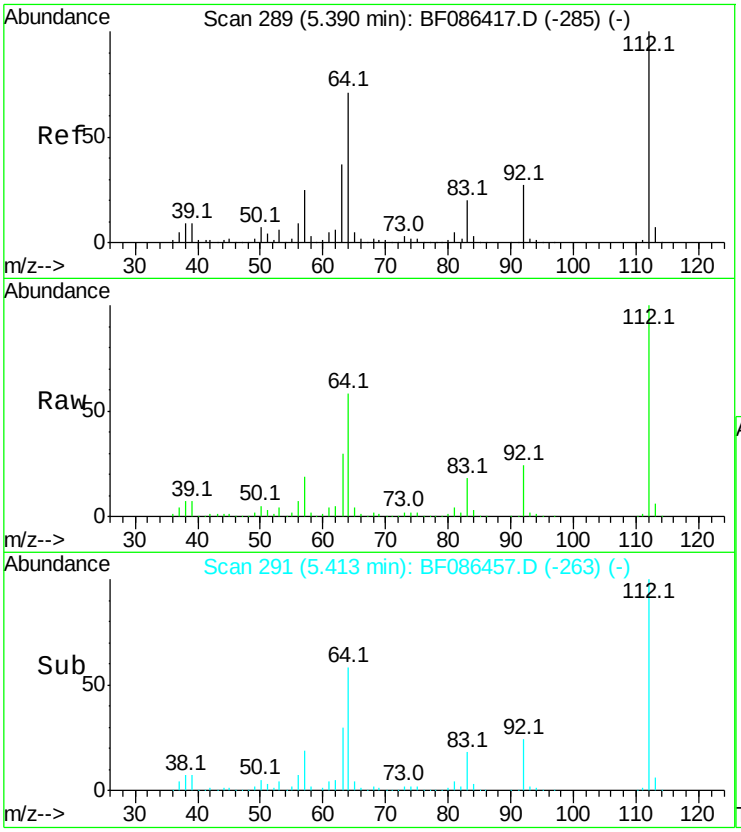


#4
n-Nitrosodimethylamine
Concen: 53.37 ng
RT: 3.07 min Scan# 86
Delta R.T. 0.06 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 42 Resp: 269018

Ion	Ratio	Lower	Upper
42	100		
74	100.2	123.4	185.0#
44	6.7	5.8	8.6

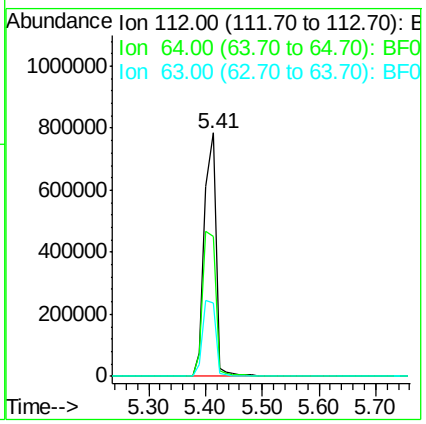




#5
2-Fluorophenol
Concen: 150.67 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:112 Resp: 1071750

Ion	Ratio	Lower	Upper
112	100		
64	57.7	52.1	78.1
63	30.3	25.7	38.5



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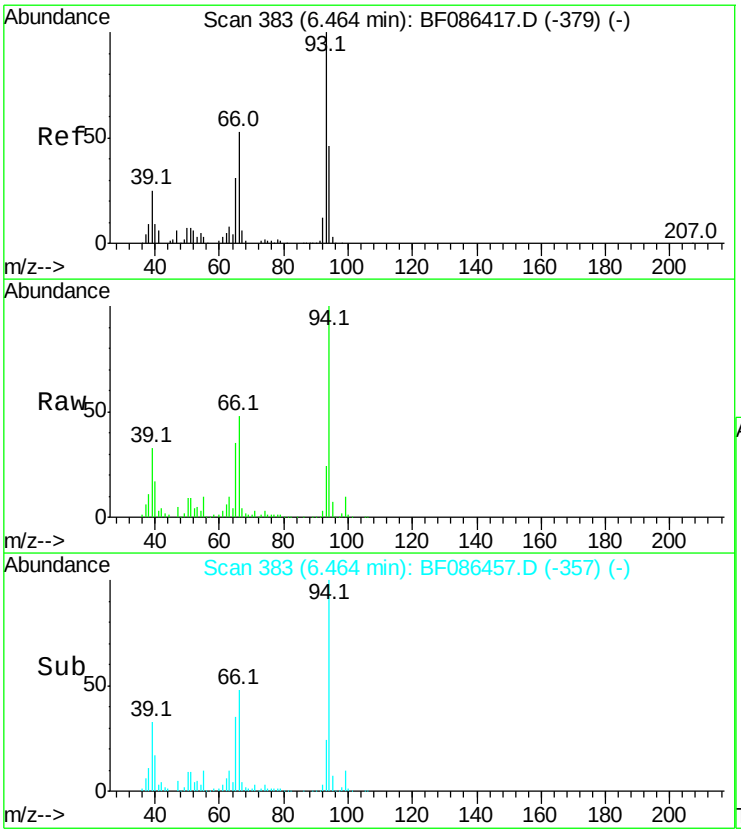
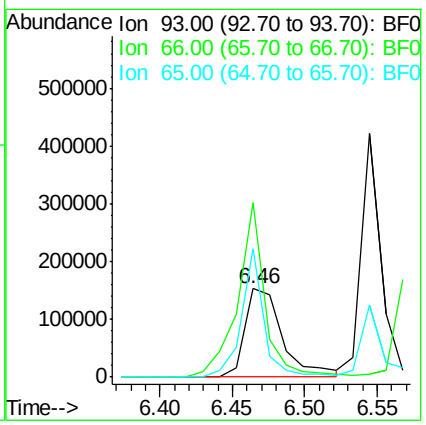
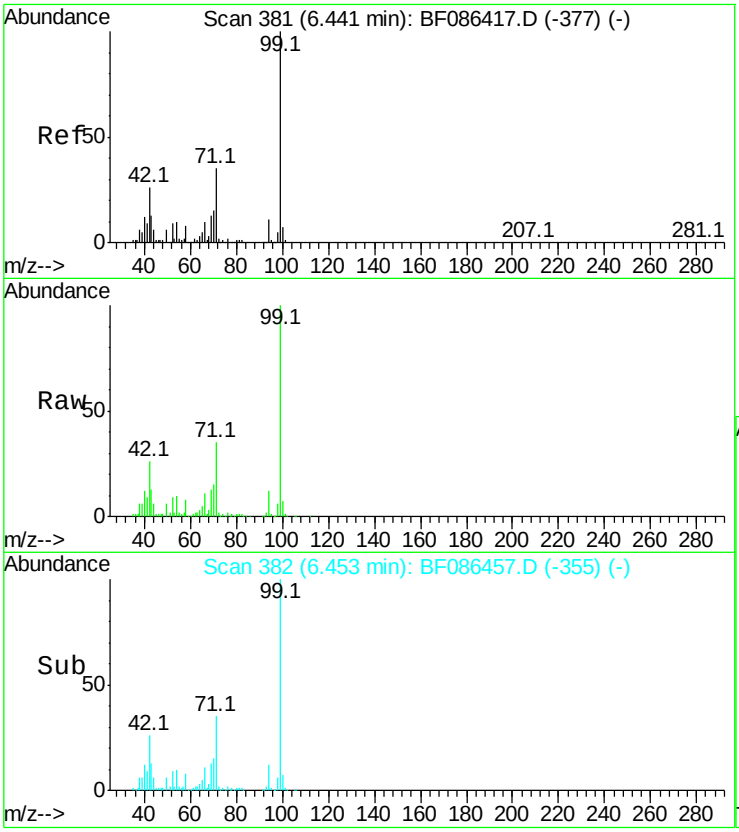


#6
Aniline
Concen: 22.87 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 93 Resp: 274758

Ion	Ratio	Lower	Upper
93	100		
66	198.6	39.0	58.6#
65	145.4	20.6	31.0#

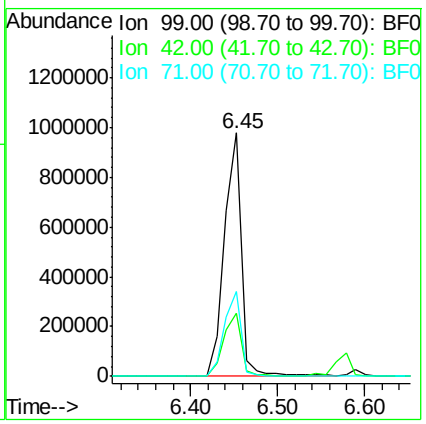




#7
Phenol-d6
Concen: 134.46 ng
RT: 6.45 min Scan# 382
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 99 Resp: 1334919

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



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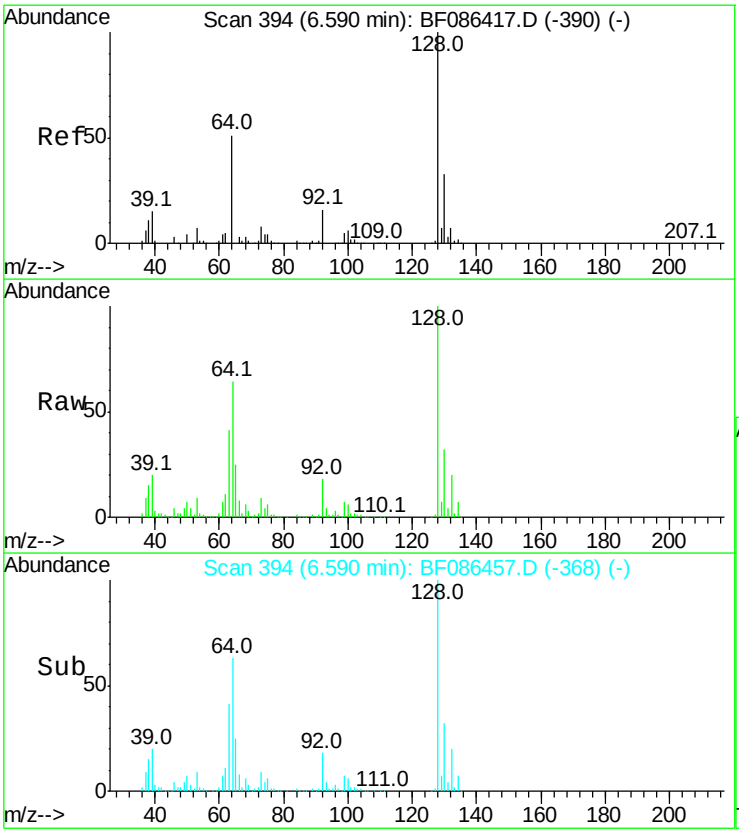
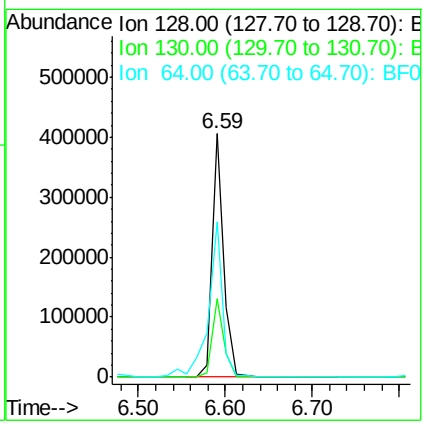
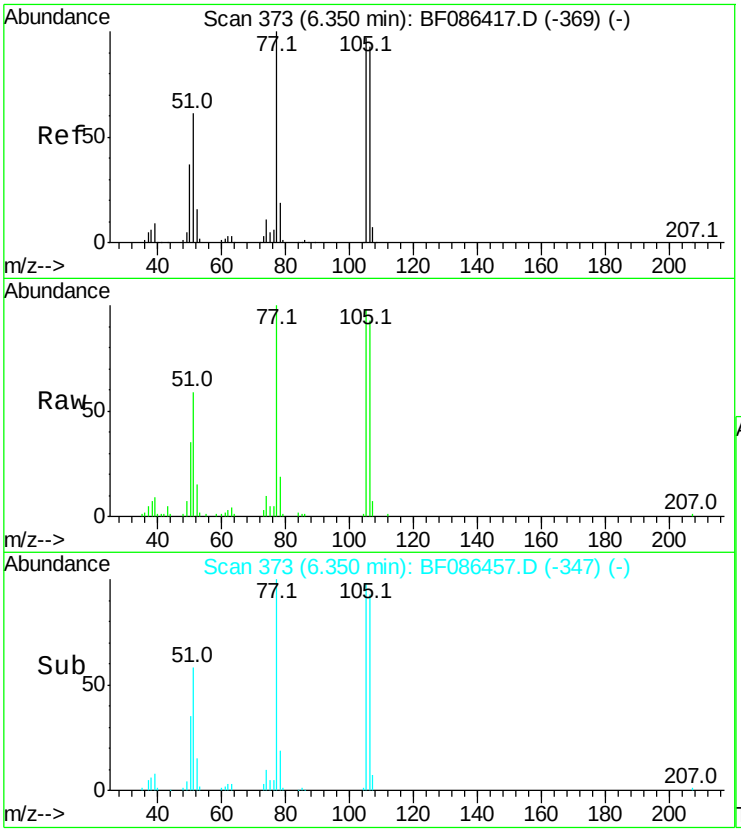


#8
2-Chlorophenol
Concen: 42.97 ng
RT: 6.59 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:128 Resp: 380690

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

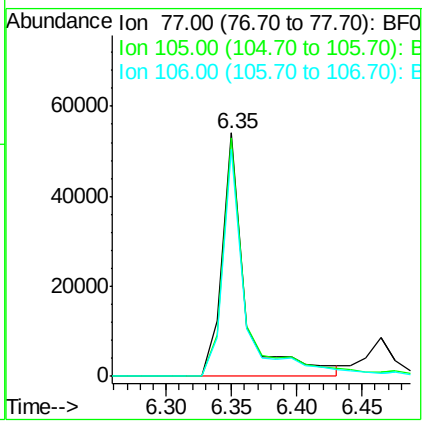




#9
Benzaldehyde
Concen: 11.61 ng
RT: 6.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 77 Resp: 67063

Ion	Ratio	Lower	Upper
77	100		
105	98.0	72.7	112.7
106	93.1	70.8	110.8



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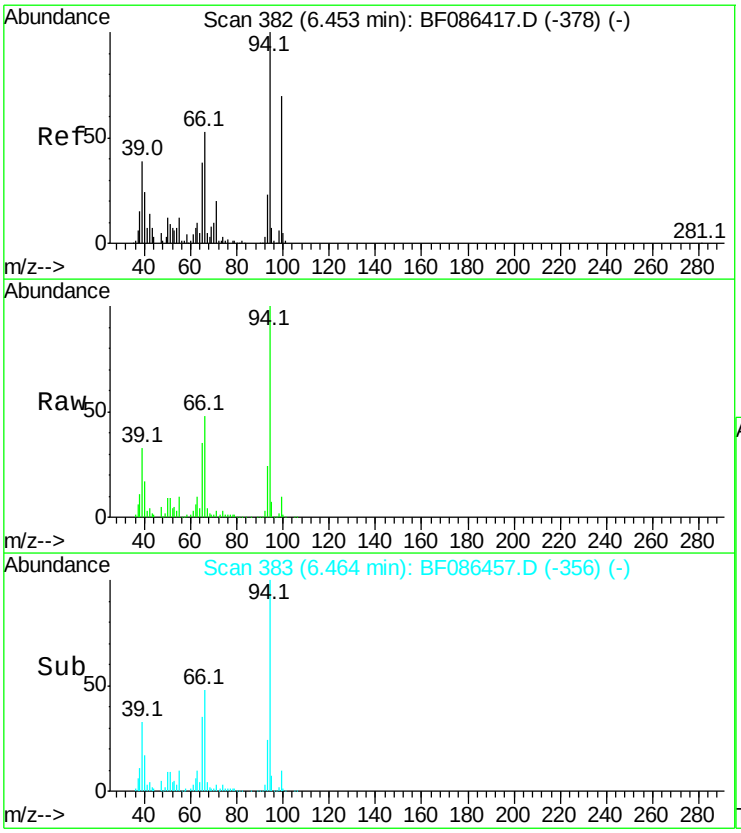
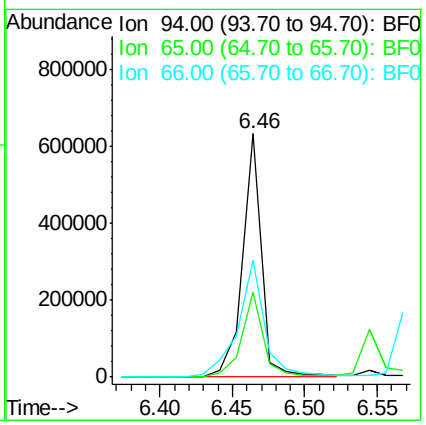
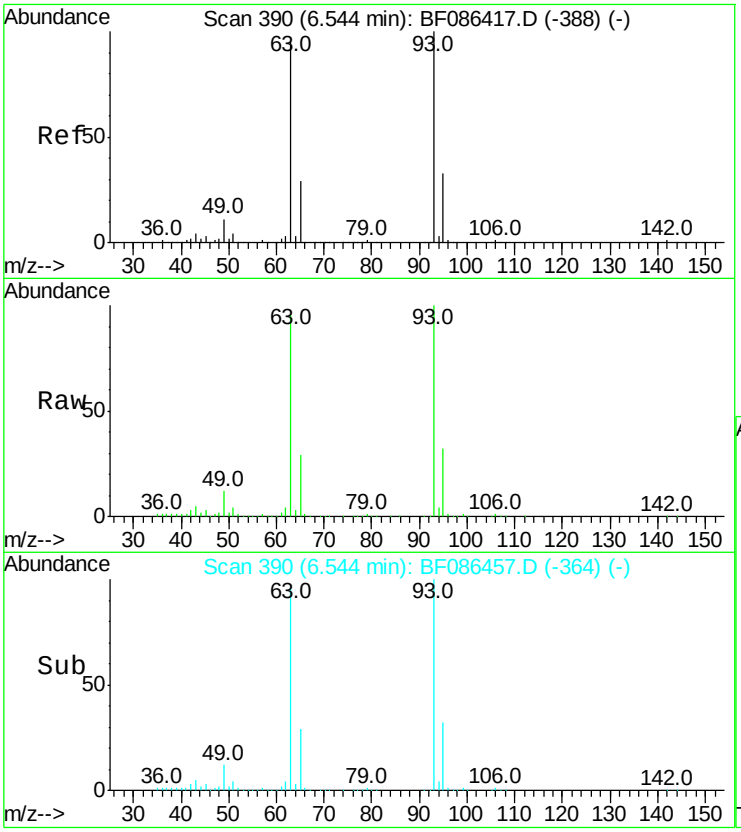


#10
Phenol
Concen: 51.82 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 94 Resp: 573969

Ion	Ratio	Lower	Upper
94	100		
65	35.0	7.2	47.2
66	47.8	14.9	54.9

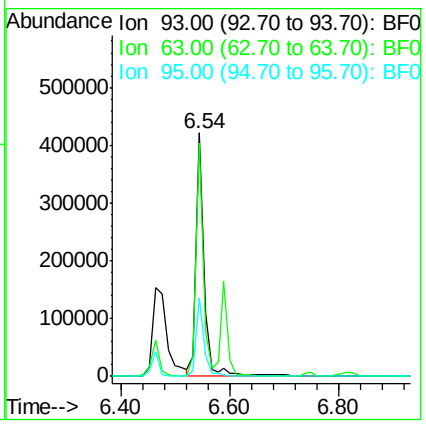




#11
bis(2-Chloroethyl)ether
Concen: 44.62 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 93 Resp: 427304

Ion	Ratio	Lower	Upper
93	100		
63	95.7	58.0	98.0
95	32.3	11.9	51.9



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

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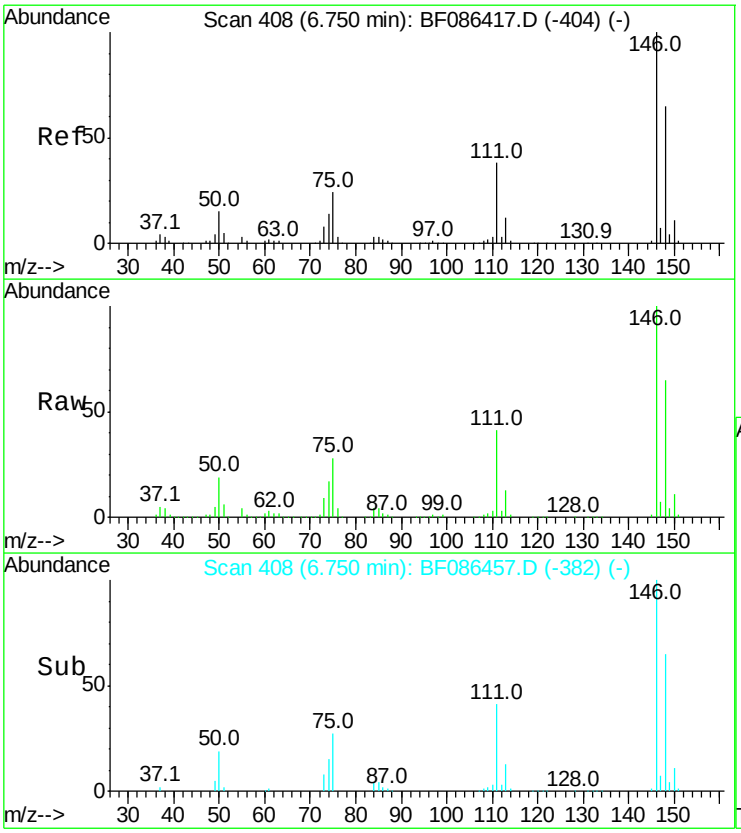
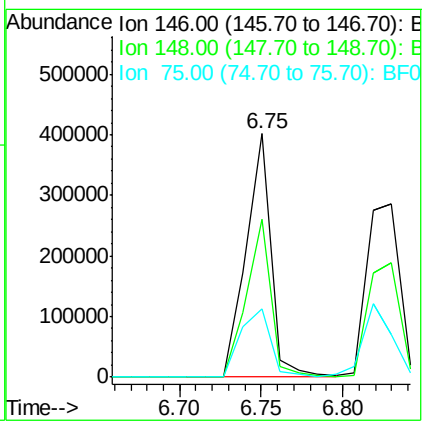
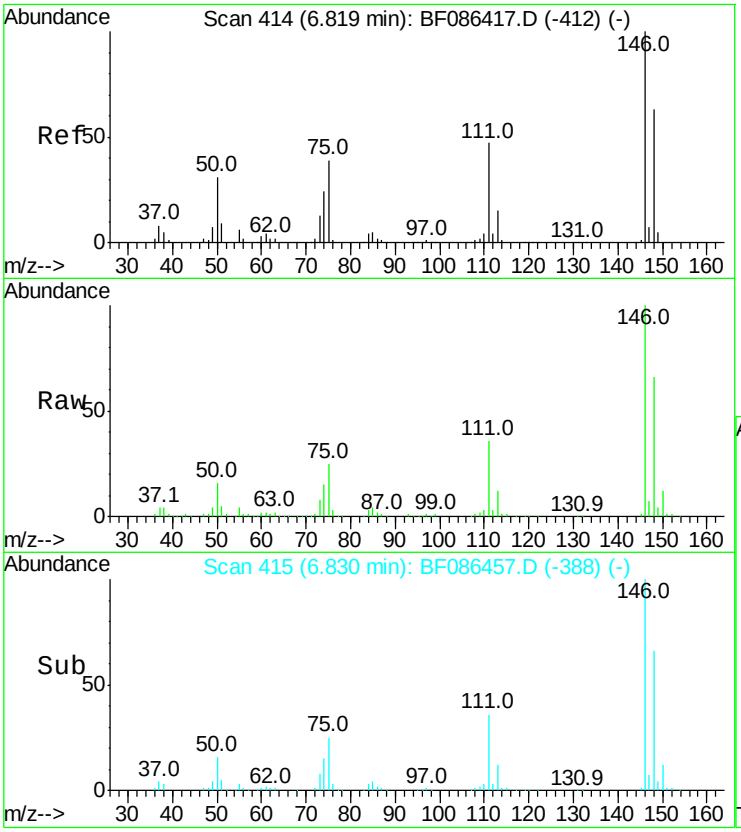


#12
1,3-Dichlorobenzene
Concen: 44.65 ng
RT: 6.75 min Scan# 408
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:146 Resp: 425550

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.4	78.6
75	28.0	22.8	34.2

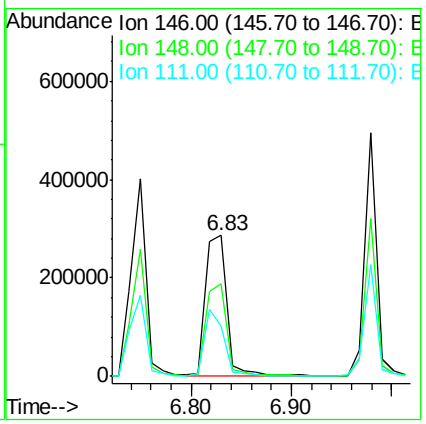




#13
1,4-Dichlorobenzene
Concen: 43.09 ng
RT: 6.83 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:146 Resp: 423724

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.2	78.4
111	36.0	30.7	46.1



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

Manual Integrations APPROVED
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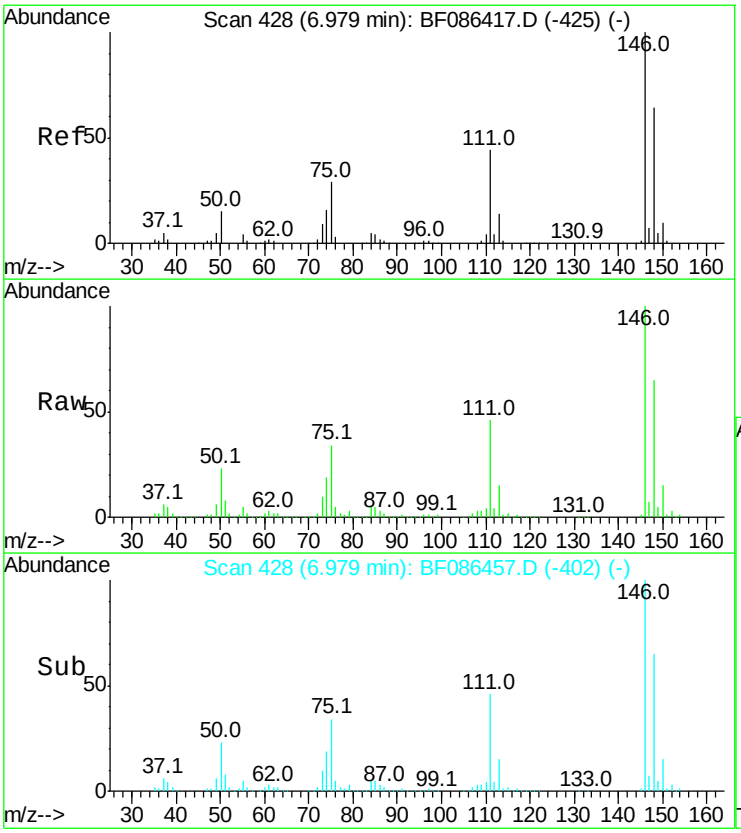
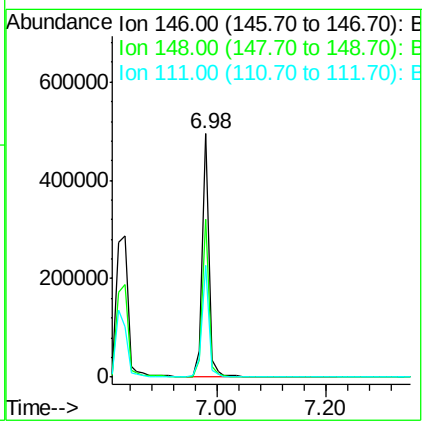
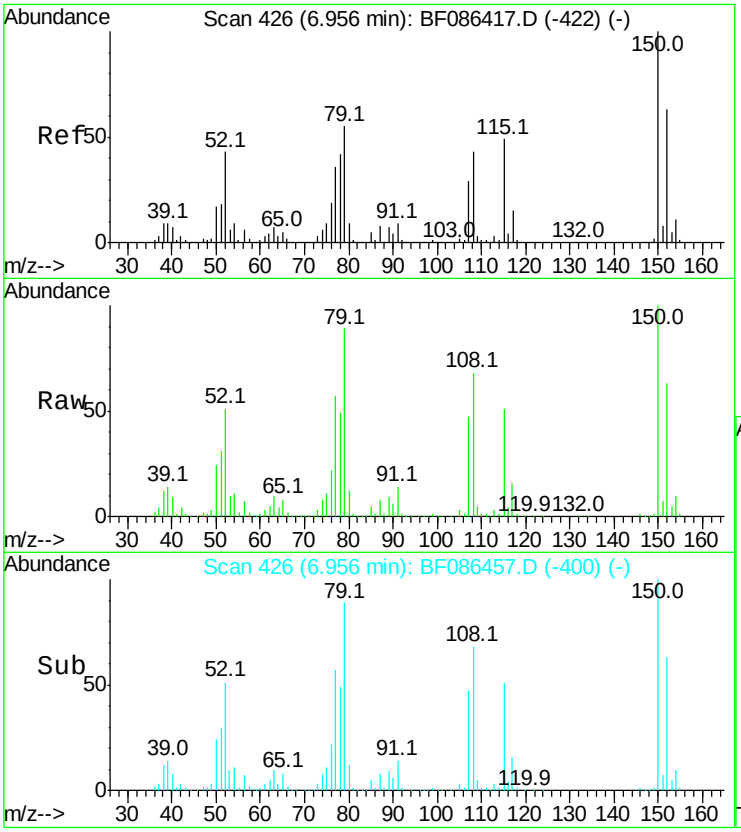


#14
1,2-Dichlorobenzene
Concen: 46.62 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:146 Resp: 420436

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	45.7	36.2	54.4





#15
Benzyl Alcohol
Concen: 55.55 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 79 Resp: 348893

Ion	Ratio	Lower	Upper
79	100		
108	75.8	68.4	102.6
77	64.0	50.6	76.0

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

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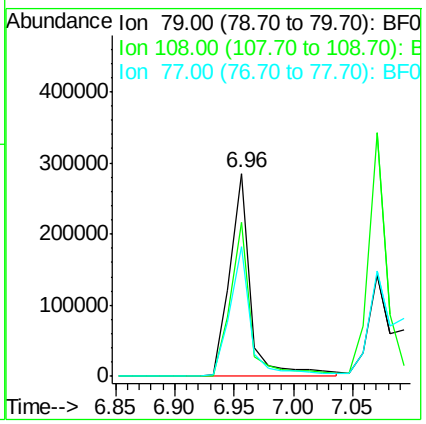
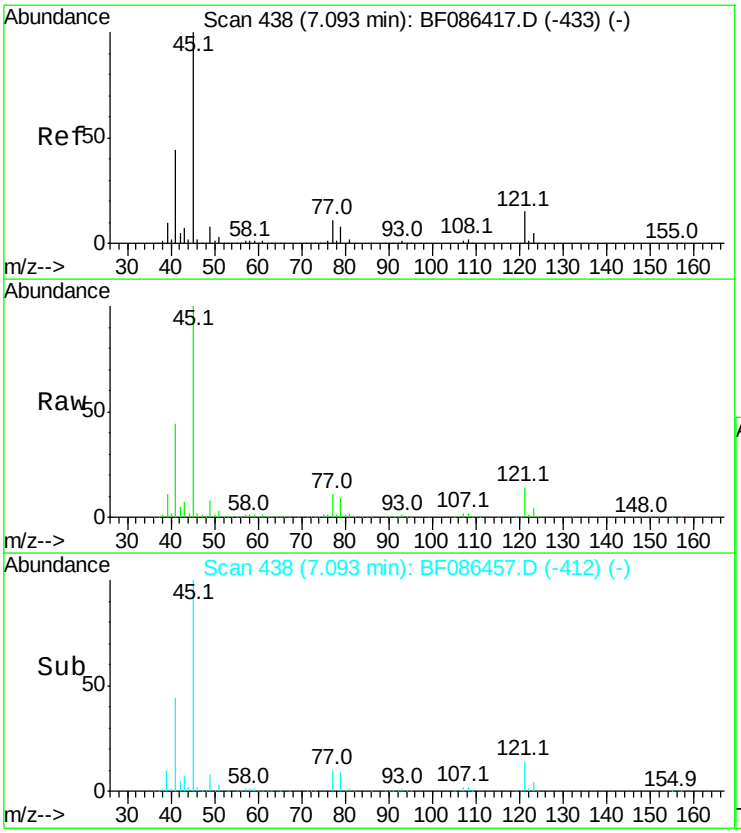
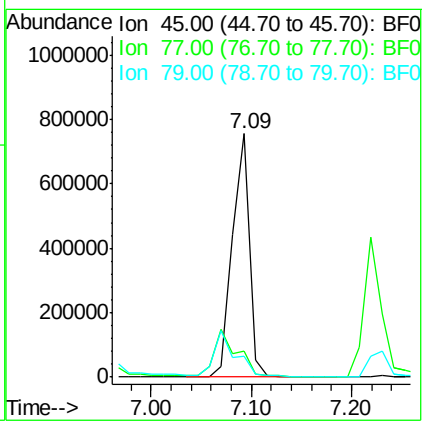


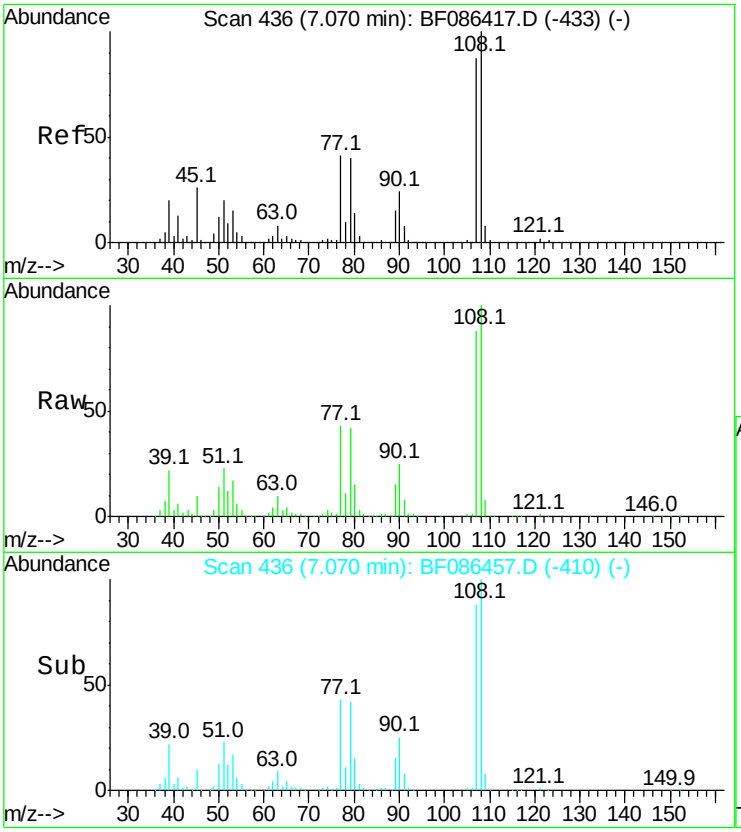


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.41 ng
RT: 7.09 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 45 Resp: 889596

Ion	Ratio	Lower	Upper
45	100		
77	10.7	0.0	36.4
79	8.7	0.0	33.4

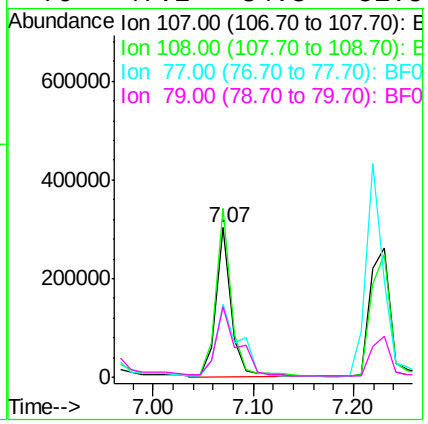




#17
2-Methylphenol
Concen: 44.92 ng
RT: 7.07 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:107 Resp: 321655

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



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

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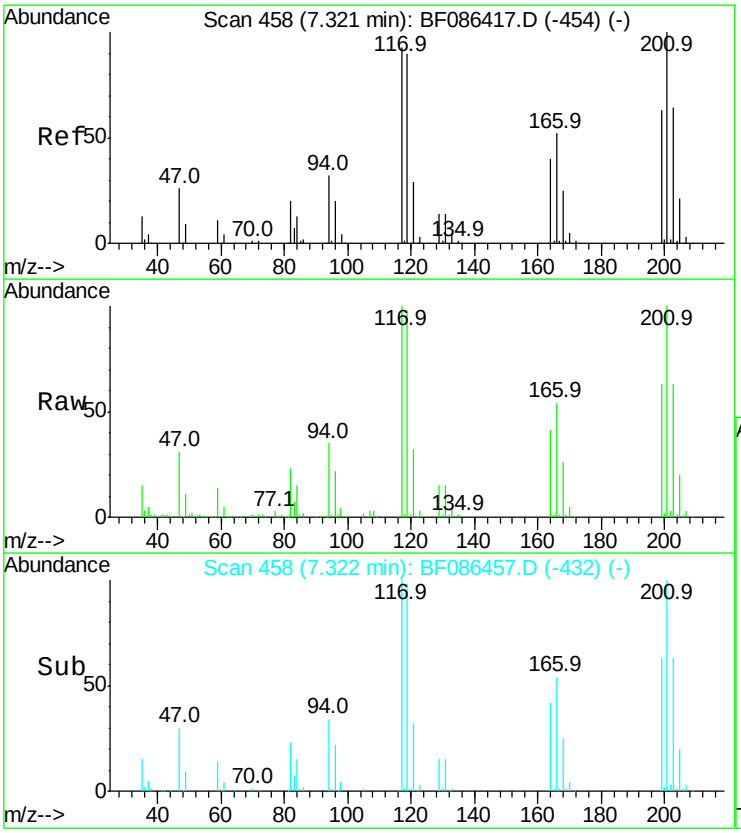
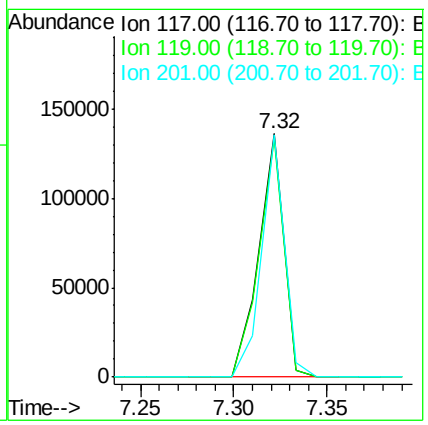
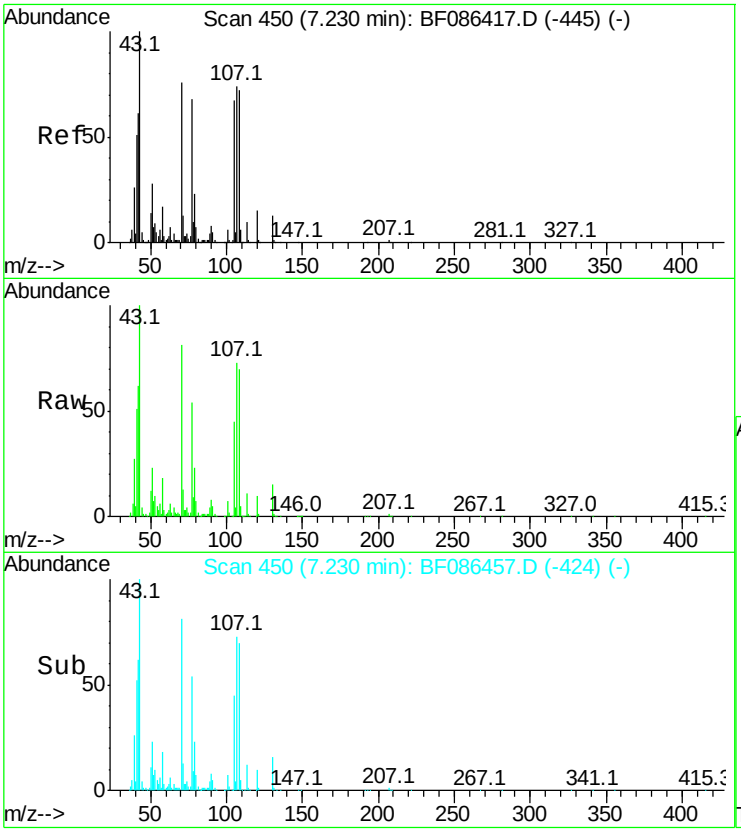


#18
Hexachloroethane
Concen: 34.21 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:117 Resp: 125698

Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.5	114.7
201	99.7	63.0	94.6#

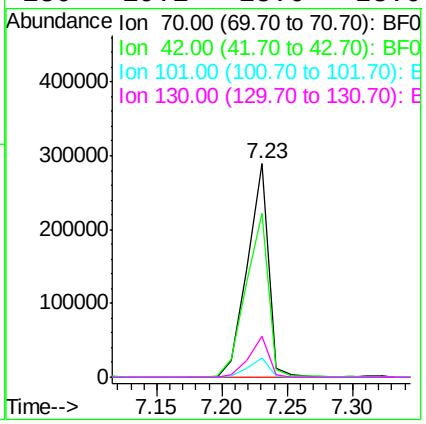




#19
n-Nitroso-di-n-propylamine
Concen: 49.73 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 70 Resp: 326330

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



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

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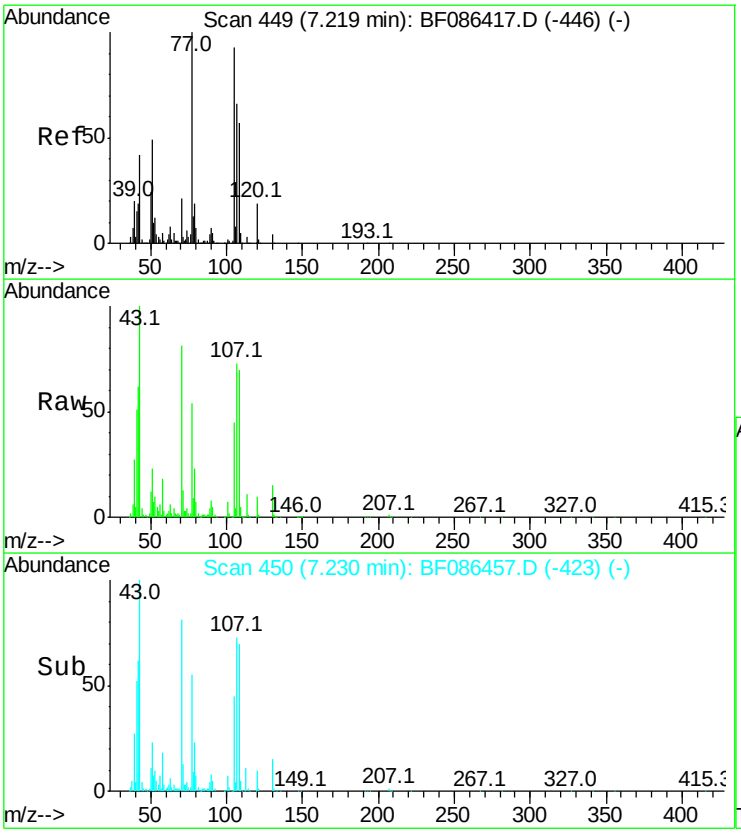
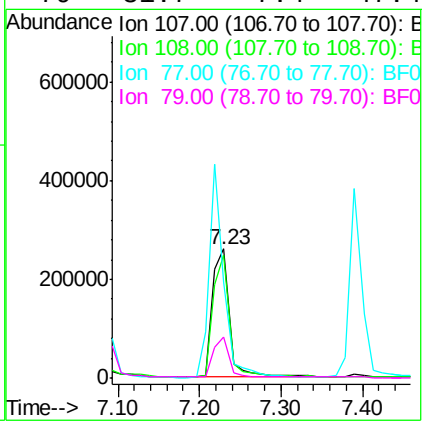
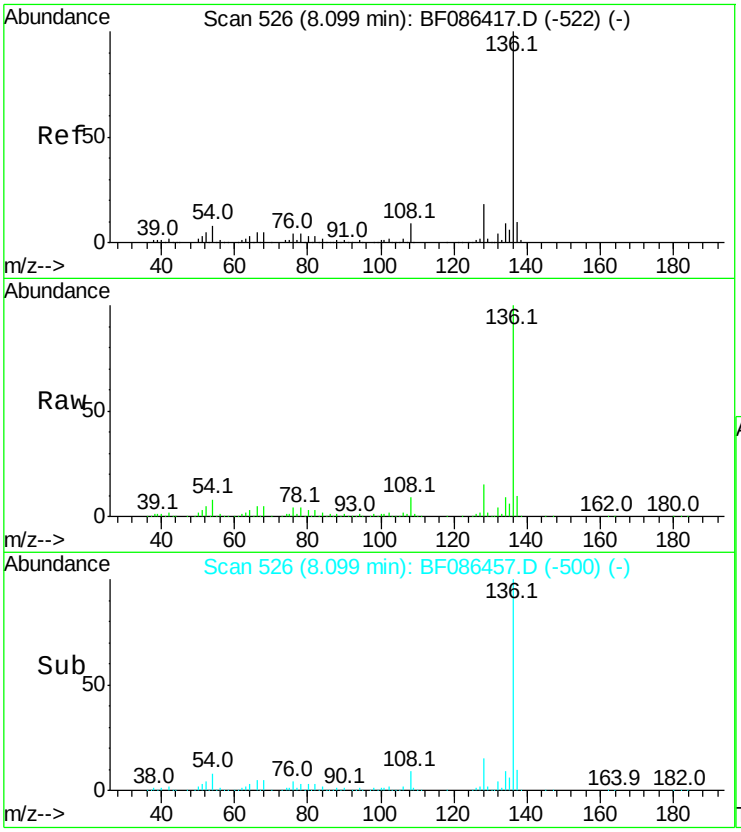


#20
3+4-Methylphenols
Concen: 46.64 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:107 Resp: 381346

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

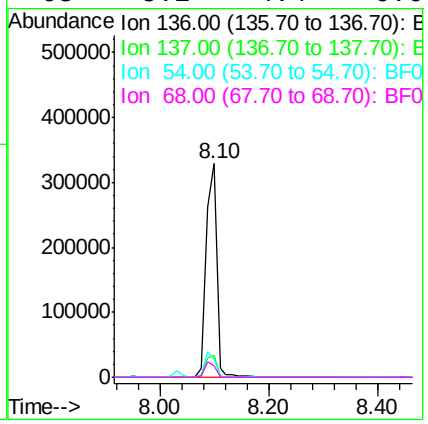




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:136 Resp: 440122

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	8.4	5.0	7.4#
68	5.2	4.4	6.6



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

Manual Integrations APPROVED
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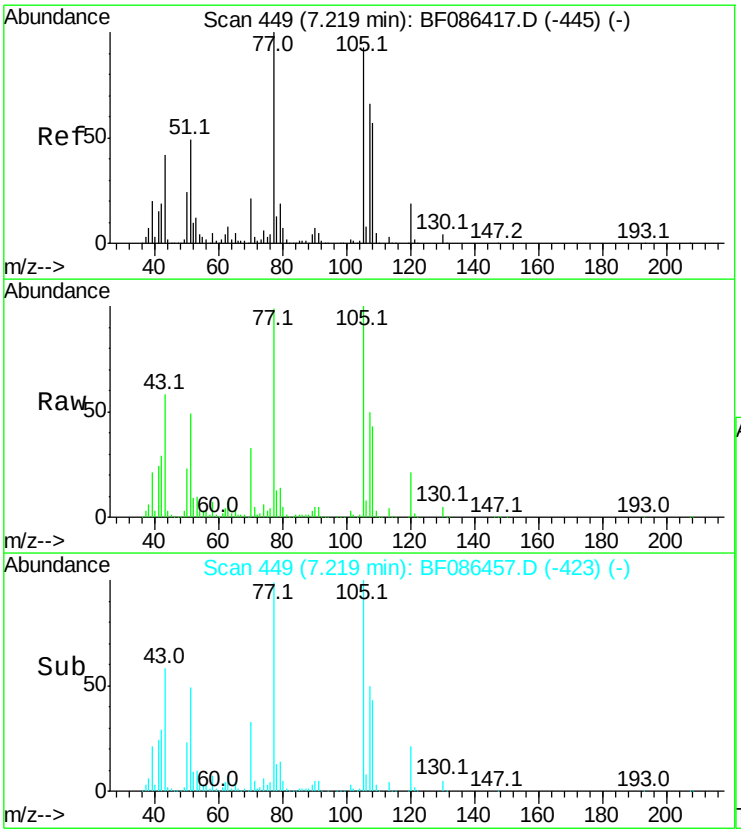
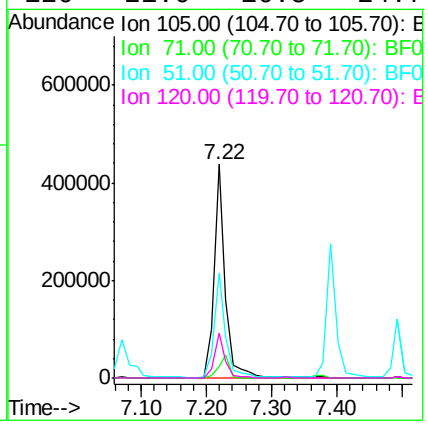
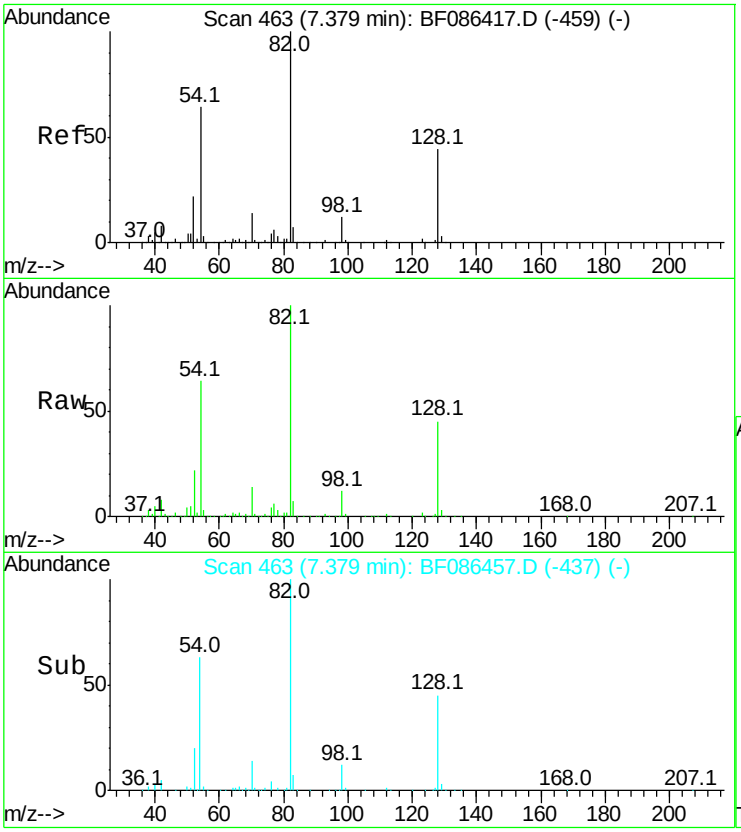


#22
Acetophenone
Concen: 55.65 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:105 Resp: 537071

Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.8	7.2
51	49.0	32.6	49.0#
120	21.0	16.5	24.7

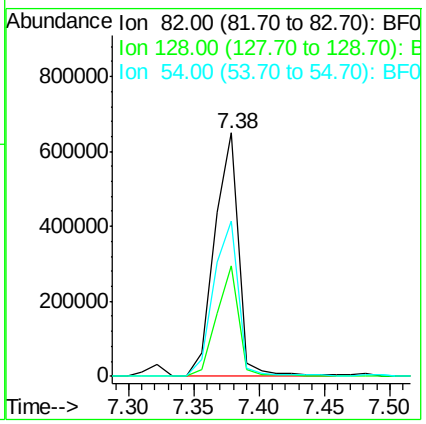




#23
Nitrobenzene-d5
Concen: 102.72 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 82 Resp: 838721

Ion	Ratio	Lower	Upper
82	100		
128	45.4	40.6	61.0
54	63.5	38.1	57.1#



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

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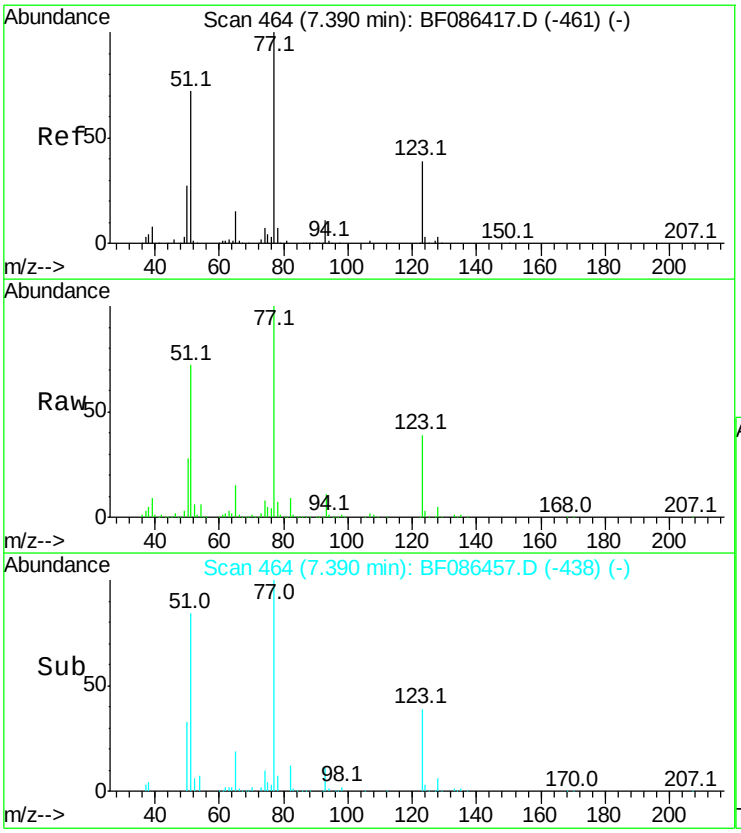
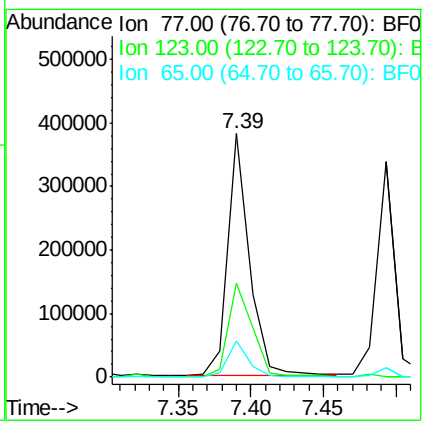
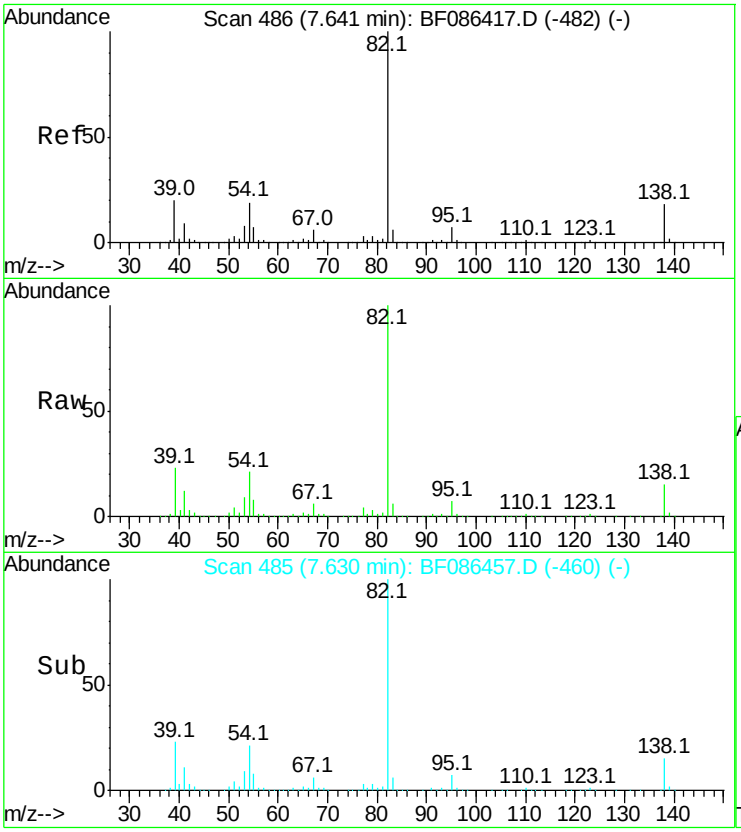


#24
Nitrobenzene
Concen: 46.94 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 77 Resp: 394302

Ion	Ratio	Lower	Upper
77	100		
123	38.8	33.0	49.4
65	15.0	10.8	16.2

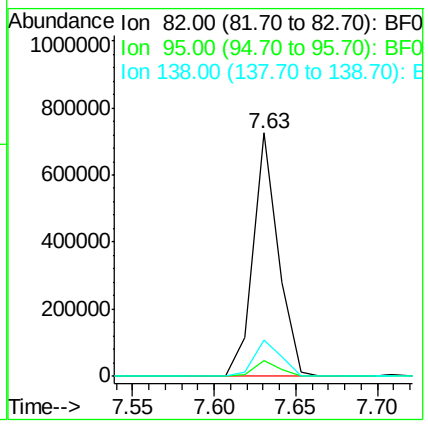




#25
Isophorone
Concen: 49.30 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 82 Resp: 774675

Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.1	7.7
138	14.7	12.4	18.6



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

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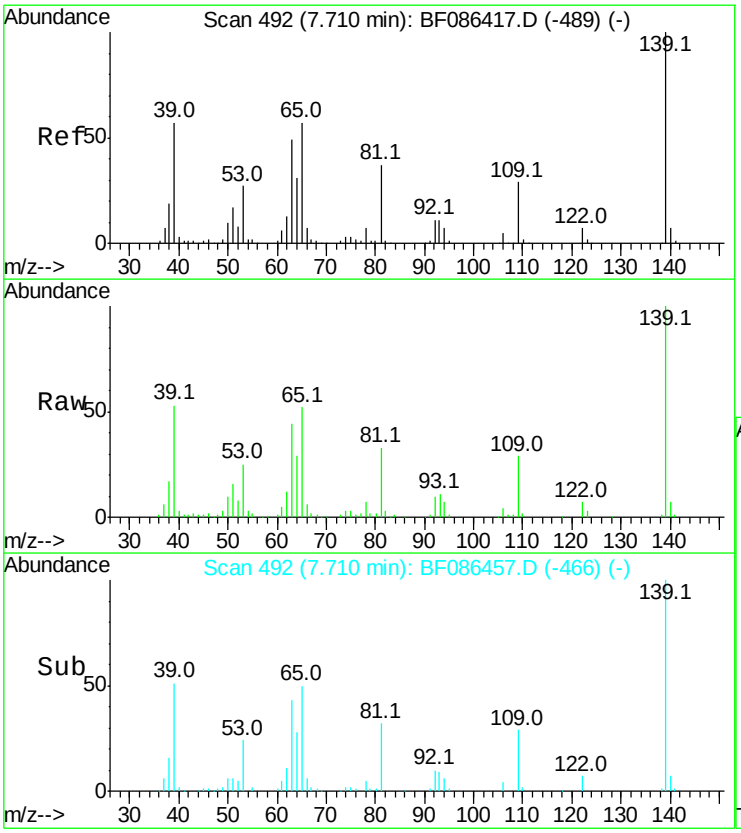
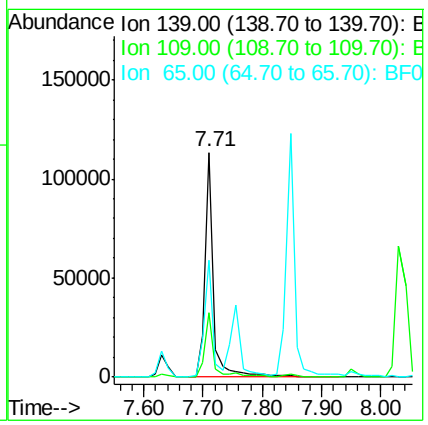
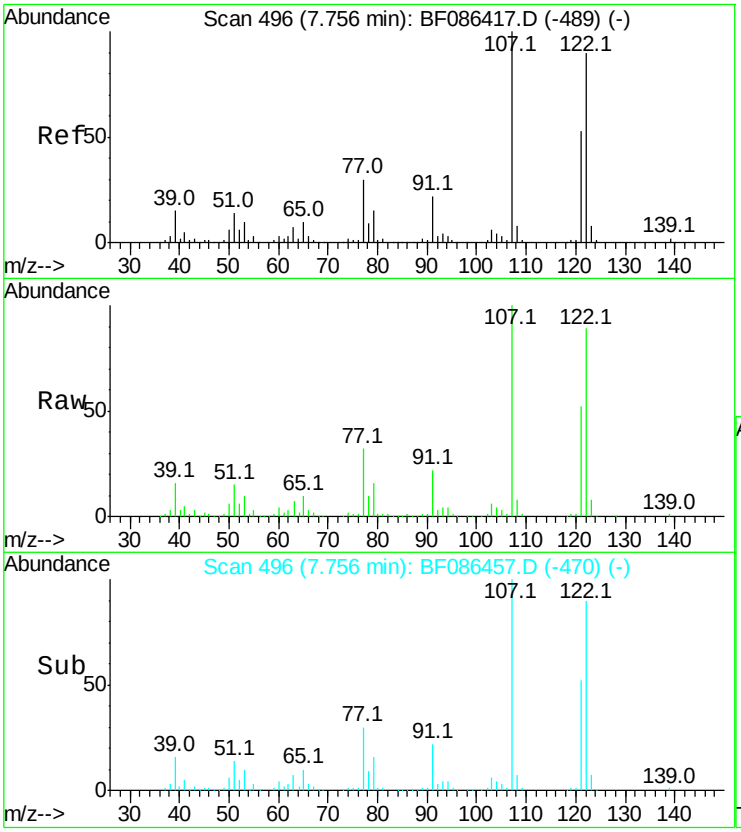


#26
2-Nitrophenol
Concen: 30.48 ng
RT: 7.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:139 Resp: 117873

Ion	Ratio	Lower	Upper
139	100		
109	28.8	19.5	29.3
65	52.3	37.5	56.3

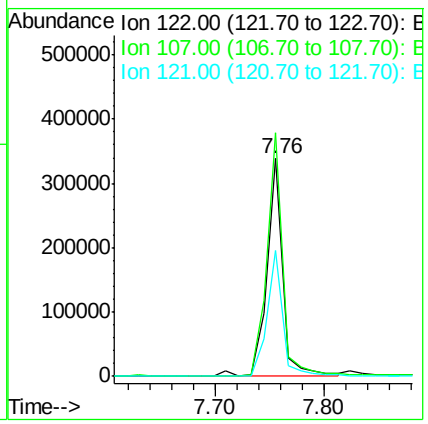




#27
2,4-Dimethylphenol
Concen: 51.49 ng
RT: 7.76 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:122 Resp: 349388

Ion	Ratio	Lower	Upper
122	100		
107	111.9	82.0	123.0
121	58.0	46.1	69.1



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

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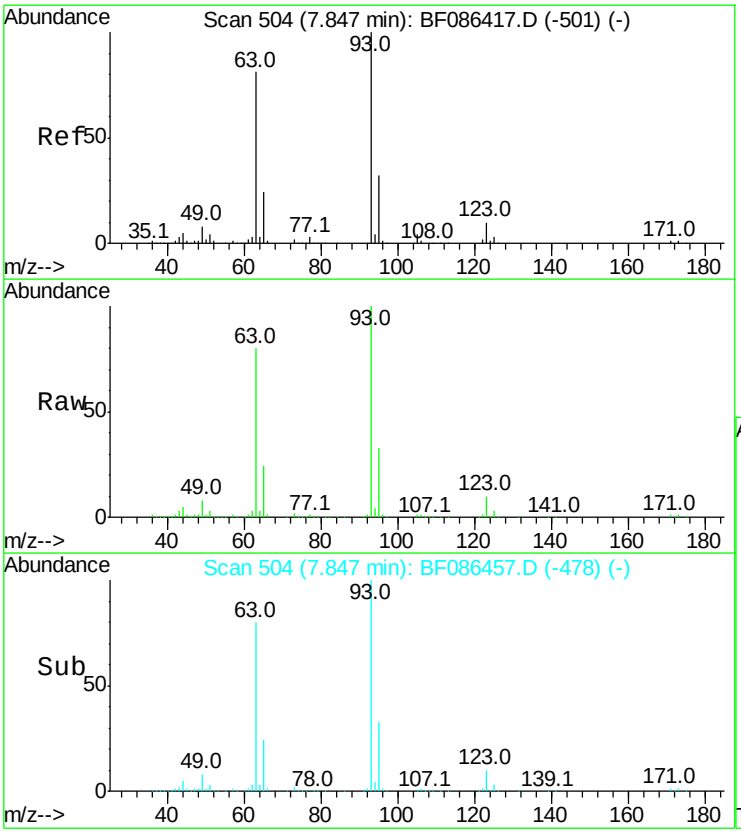
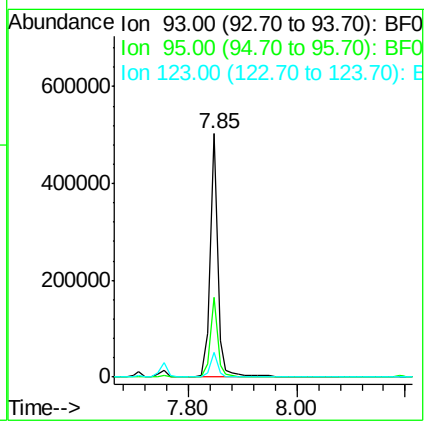
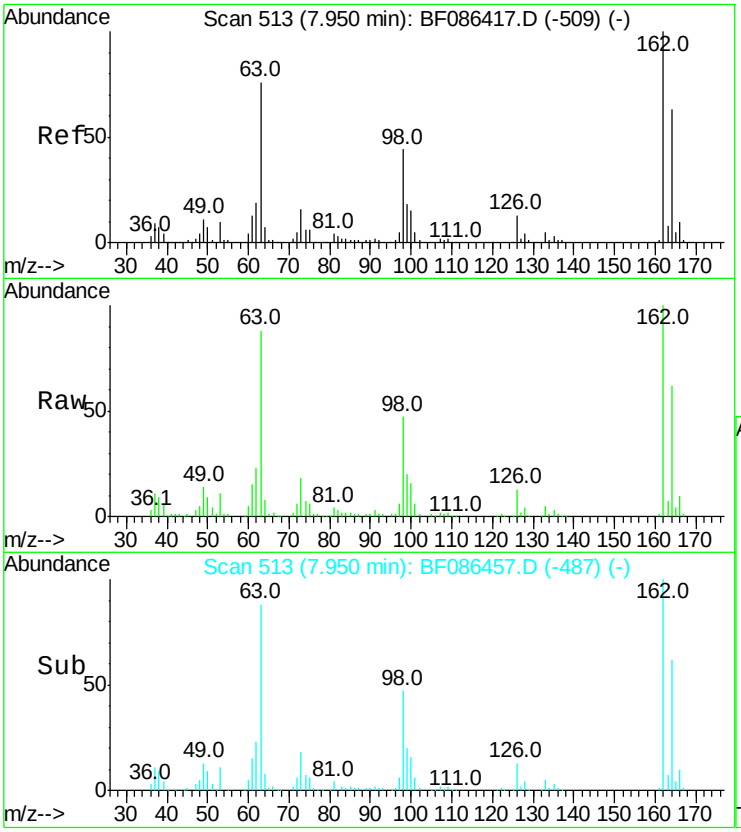


#28
bis(2-Chloroethoxy)methane
Concen: 57.78 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 93 Resp: 494627

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	9.9	9.5	14.3

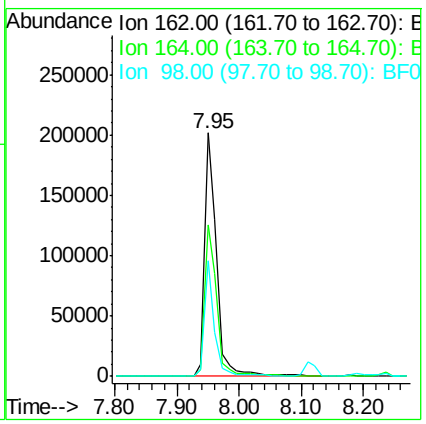




#29
2,4-Dichlorophenol
Concen: 47.22 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:162 Resp: 270350

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



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

Manual Integrations APPROVED
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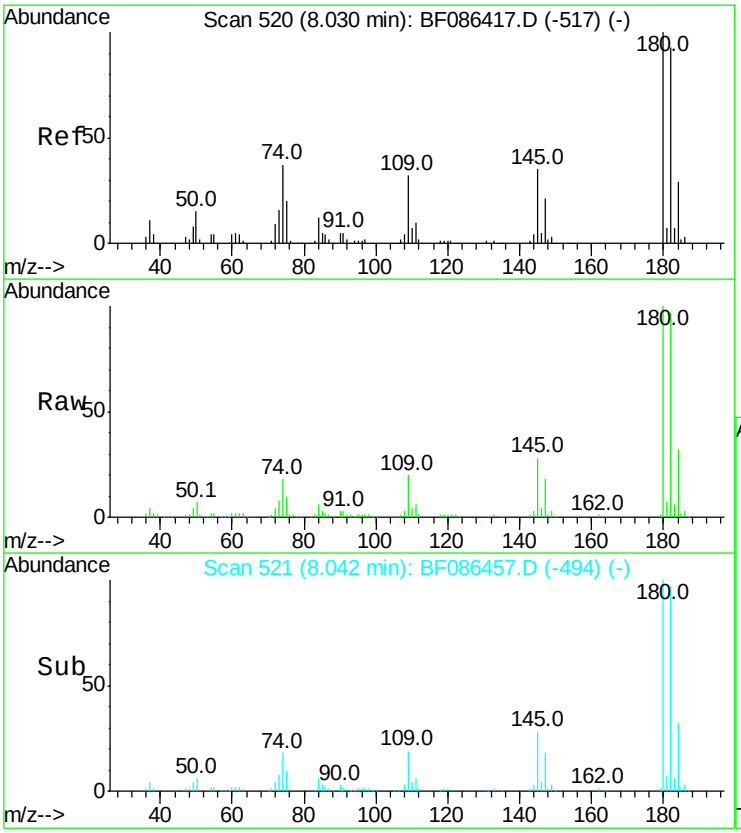
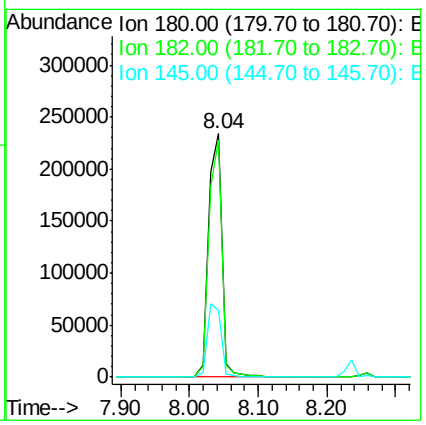
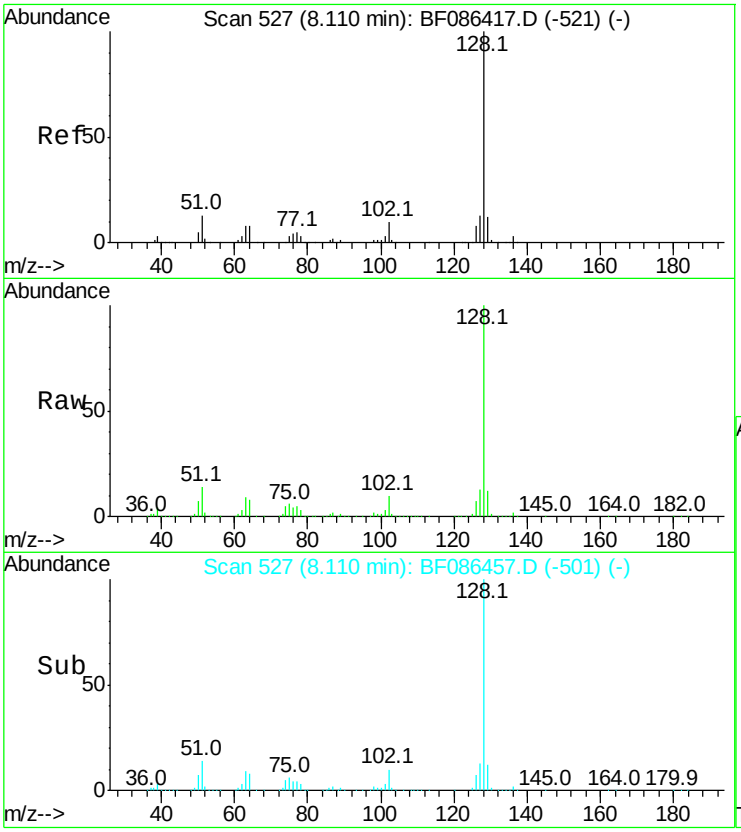


#30
1,2,4-Trichlorobenzene
Concen: 48.65 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:180 Resp: 323160

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

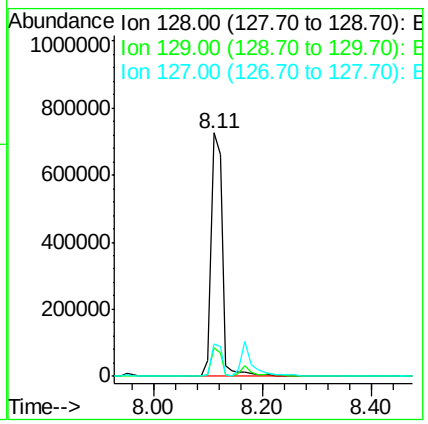




#31
Naphthalene
Concen: 47.55 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:128 Resp: 1064959

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.5	10.8	16.2



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

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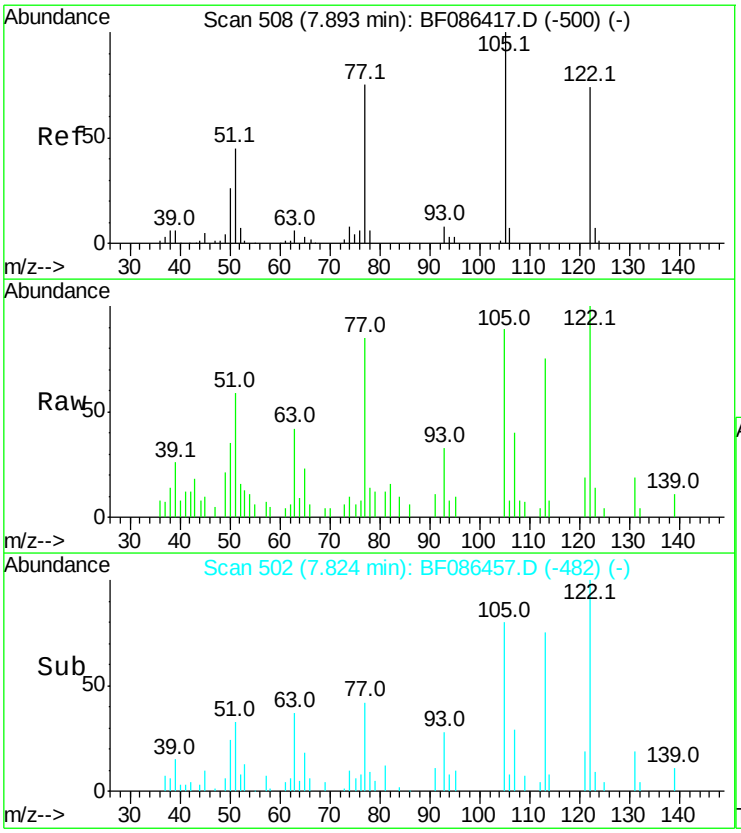
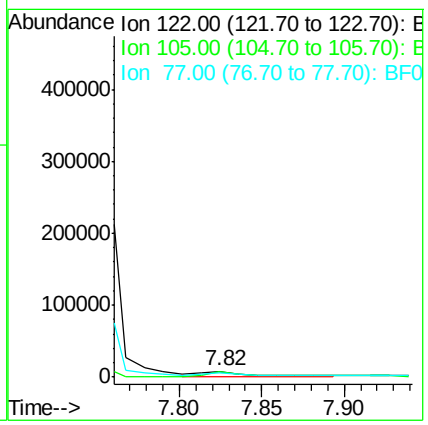
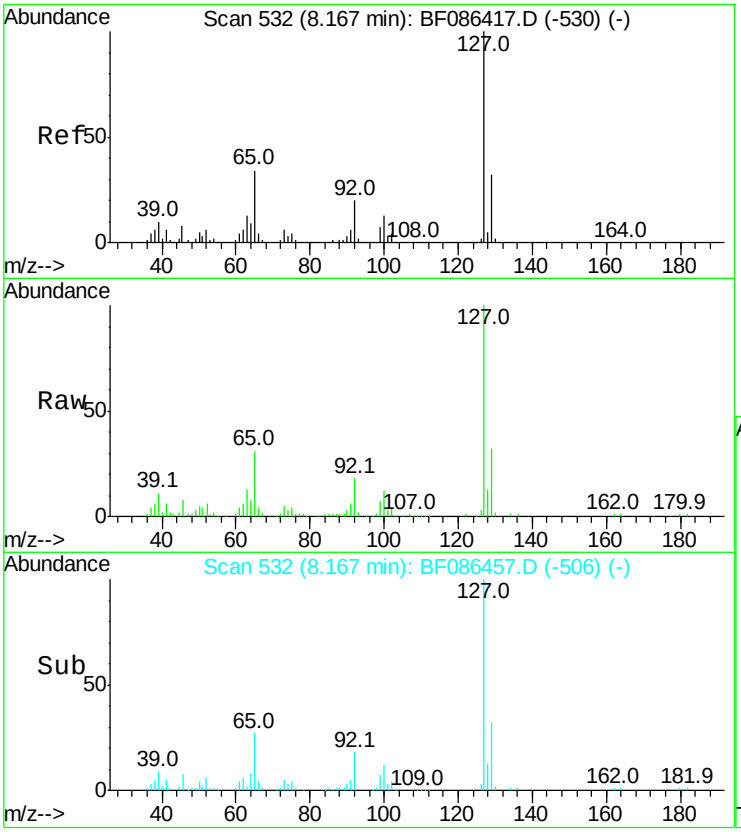


#32
Benzoic acid
Concen: 13.19 ng m
RT: 7.82 min Scan# 502
Delta R.T. -0.07 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:122 Resp: 22176

Ion	Ratio	Lower	Upper
122	100		
105	89.0	92.6	132.6#
77	84.8	60.0	100.0

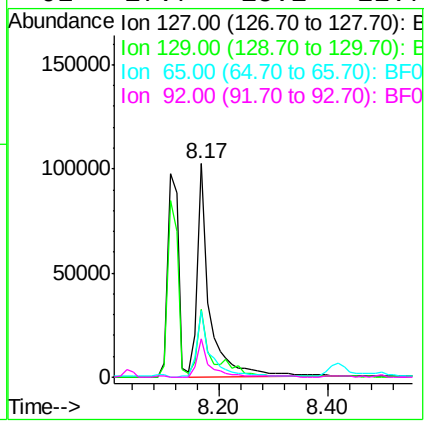




#33
4-Chloroaniline
Concen: 18.49 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:127 Resp: 155077

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



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

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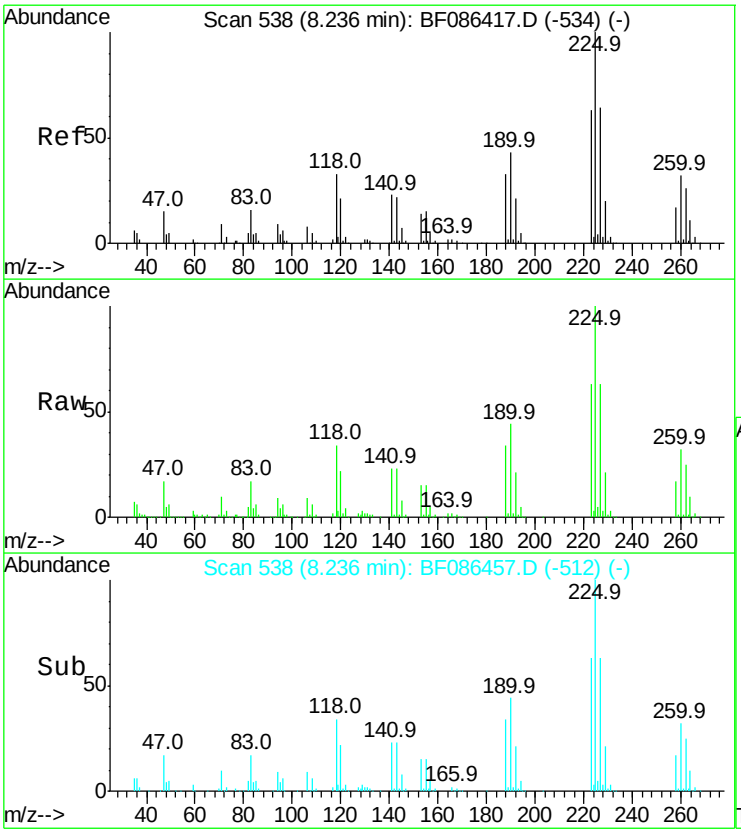
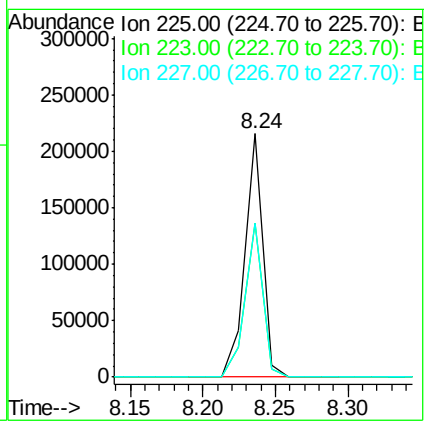
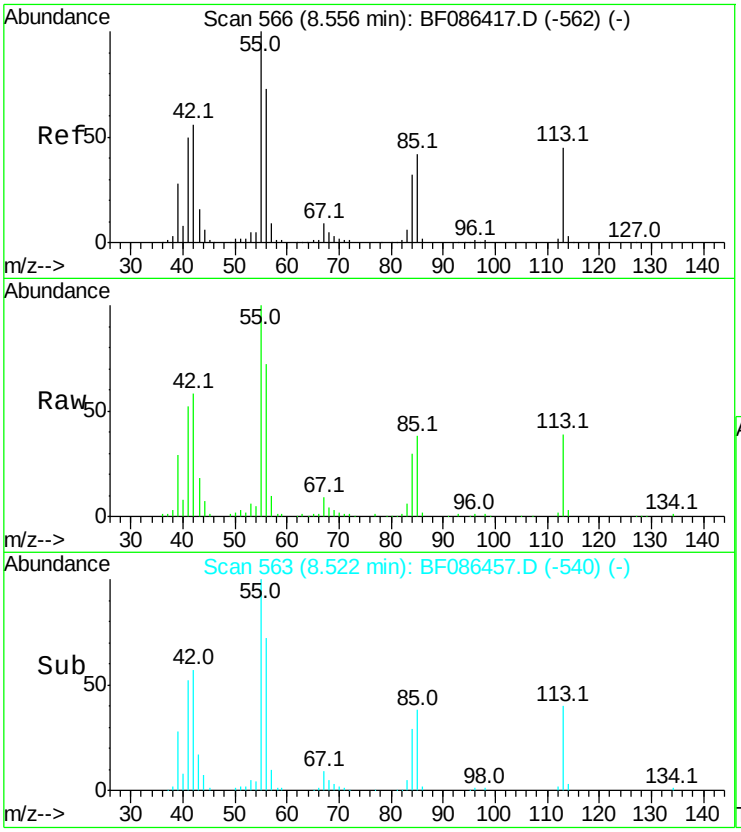


#34
Hexachlorobutadiene
Concen: 49.65 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:225 Resp: 184862

Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.5	77.3
227	63.2	52.2	78.2

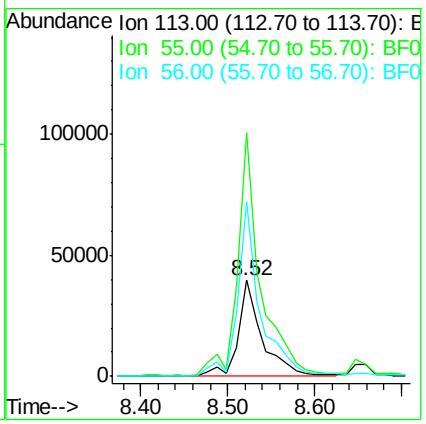




#35
Caprolactam
Concen: 39.60 ng
RT: 8.52 min Scan# 563
Delta R.T. -0.03 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:113 Resp: 75627

Ion	Ratio	Lower	Upper
113	100		
55	254.0	162.0	202.0#
56	181.7	115.3	155.3#



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

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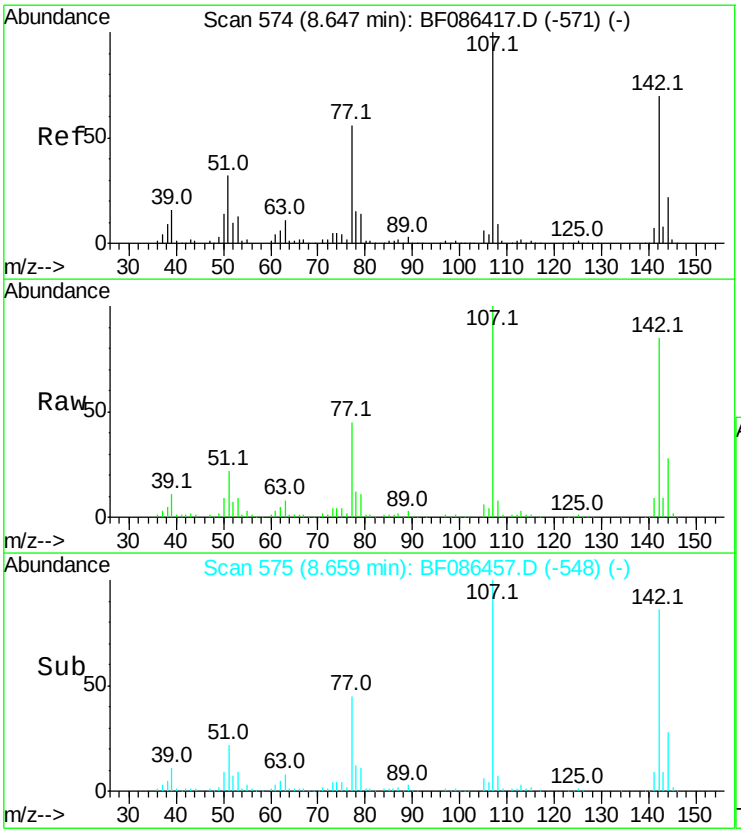
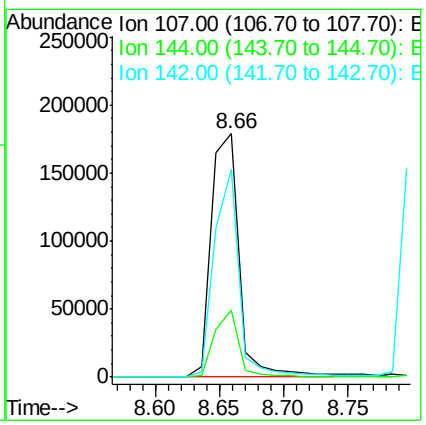
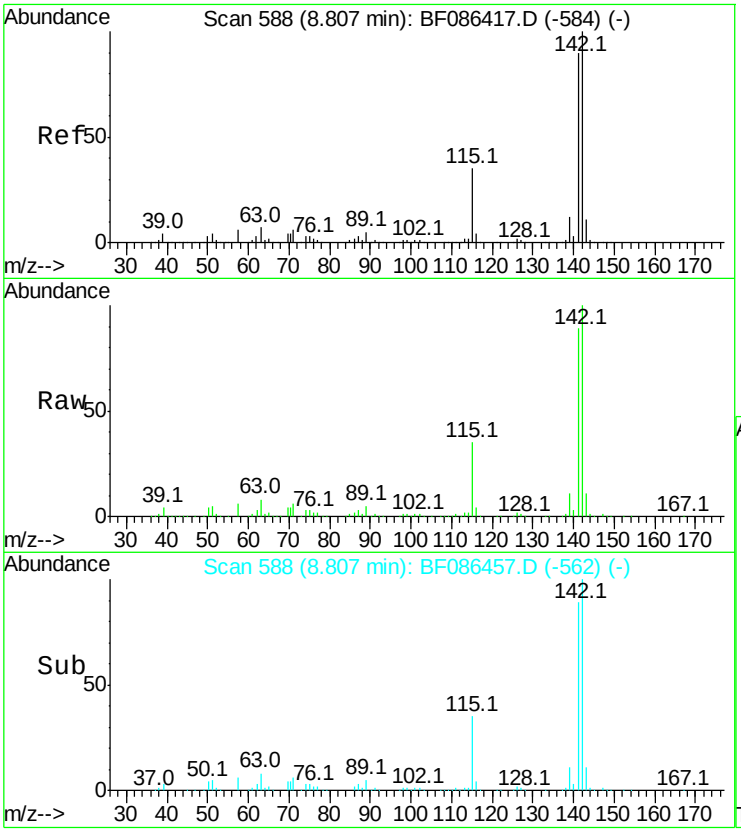


#36
4-Chloro-3-methylphenol
Concen: 41.33 ng m
RT: 8.66 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:107 Resp: 270953

Ion	Ratio	Lower	Upper
107	100		
144	27.7	20.7	31.1
142	85.4	63.2	94.8

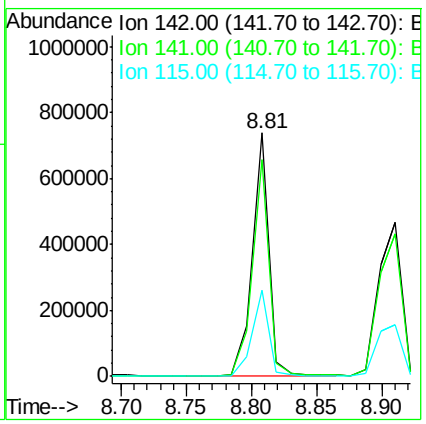




#37
2-Methylnaphthalene
Concen: 50.07 ng
RT: 8.81 min Scan# 588
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:142 Resp: 661615

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



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

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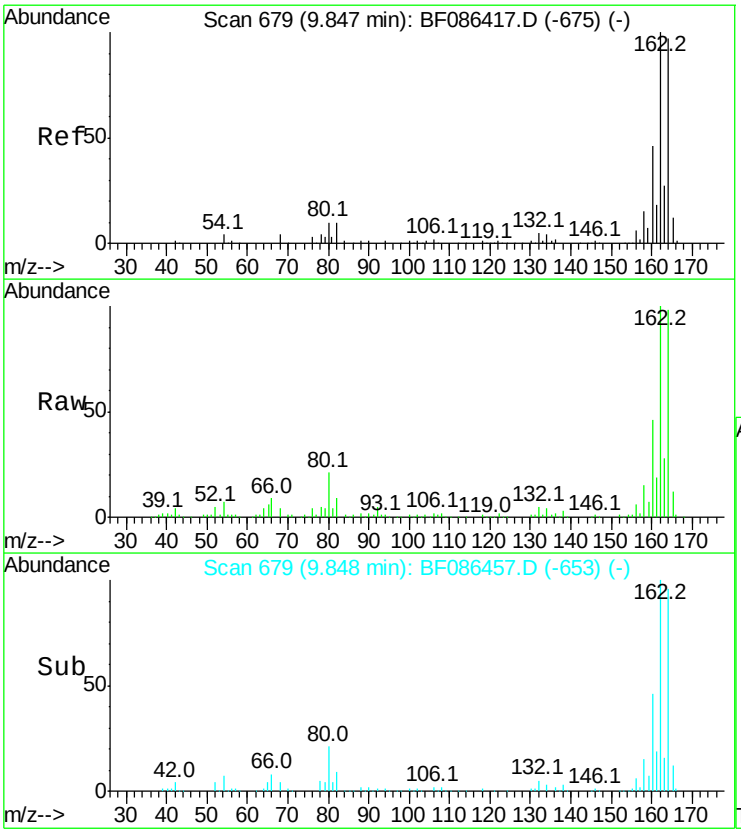
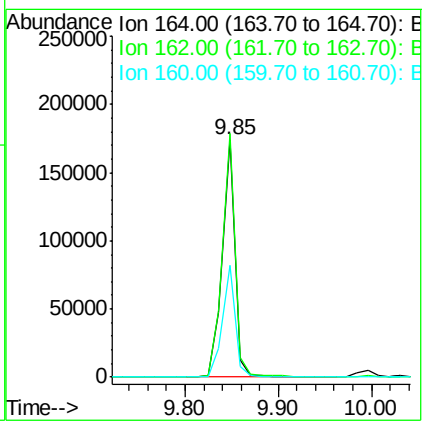
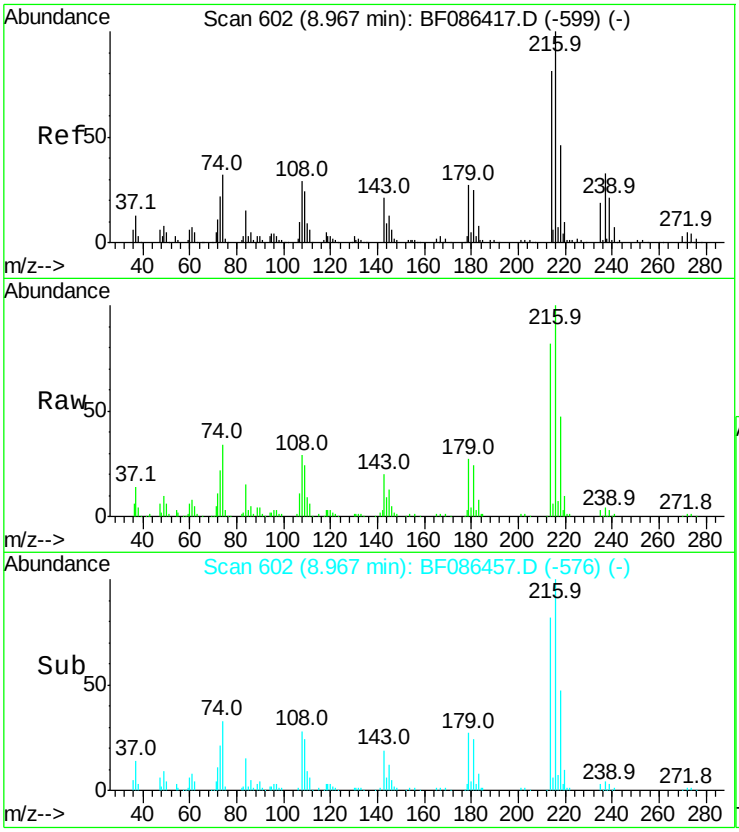


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:164 Resp: 164870

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

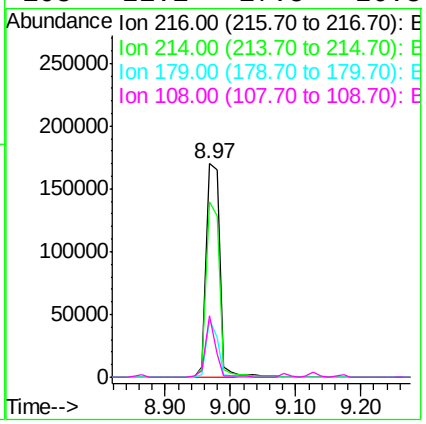




#39
1,2,4,5-Tetrachlorobenzene
Concen: 53.36 ng
RT: 8.97 min Scan# 602
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:216 Resp: 251839

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.6	93.8
179	22.7	18.2	27.4
108	21.1	17.5	26.3



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

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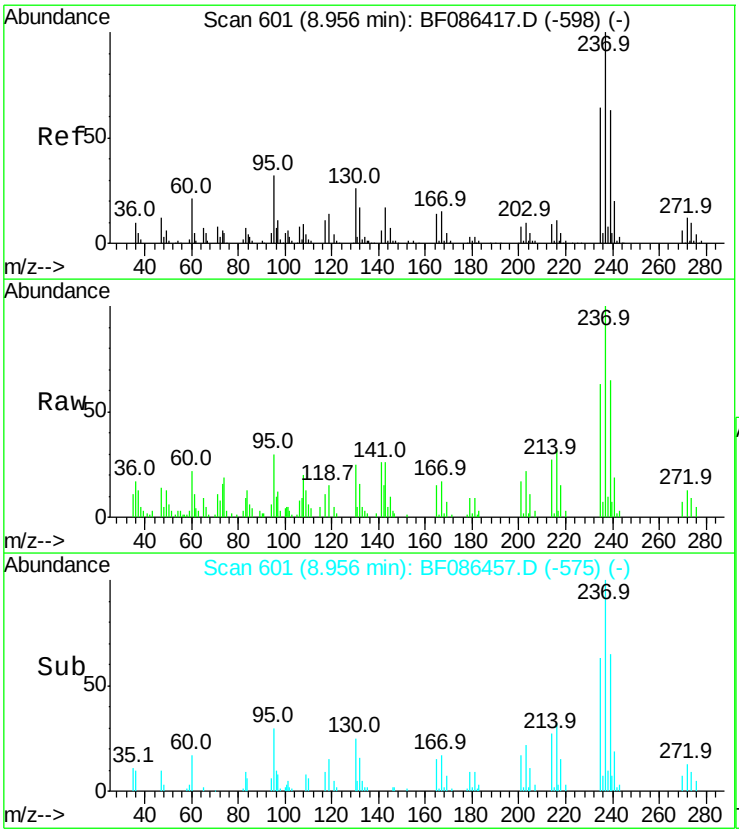
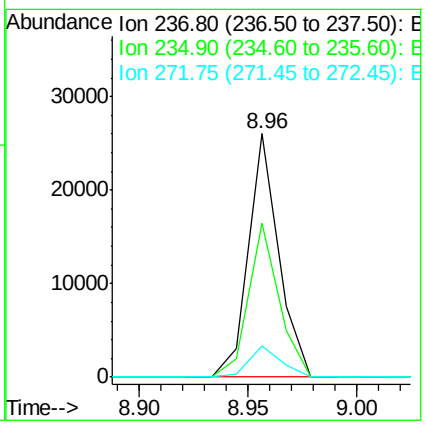
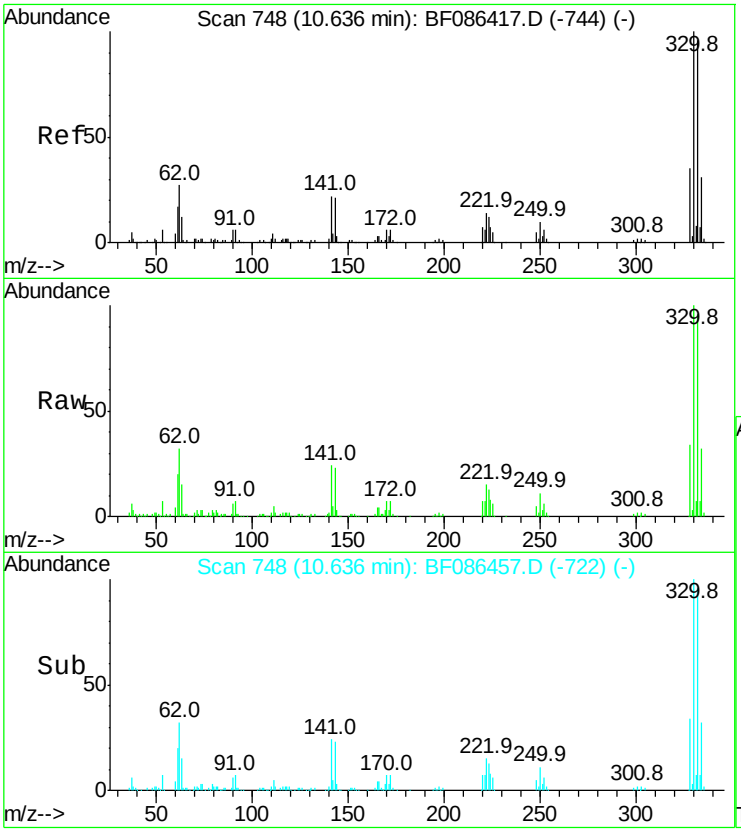


#40
Hexachlorocyclopentadiene
Concen: 10.73 ng
RT: 8.96 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:237 Resp: 25161

Ion	Ratio	Lower	Upper
237	100		
235	63.1	47.2	87.2
272	12.6	0.0	31.1

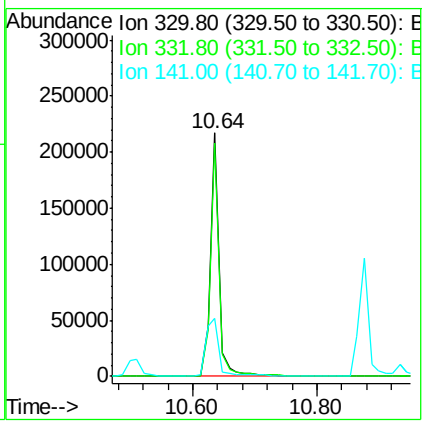




#41
2,4,6-Tribromophenol
Concen: 122.37 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:330 Resp: 212760

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	34.0	31.2	46.8



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

Manual Integrations APPROVED
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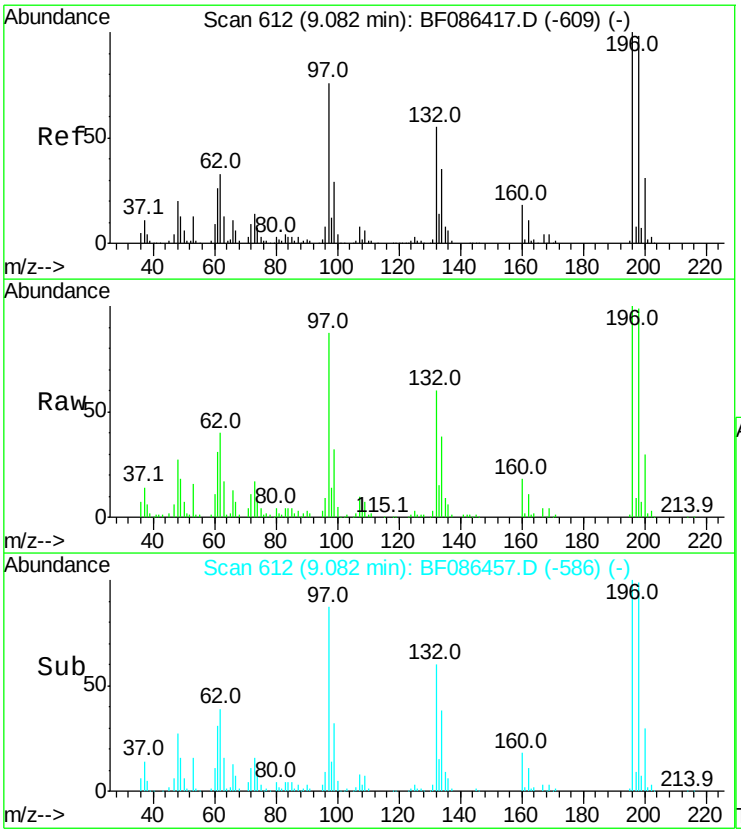
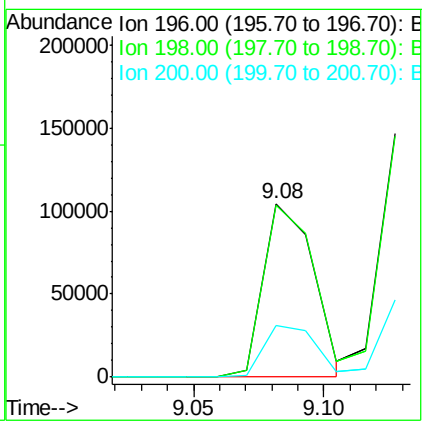
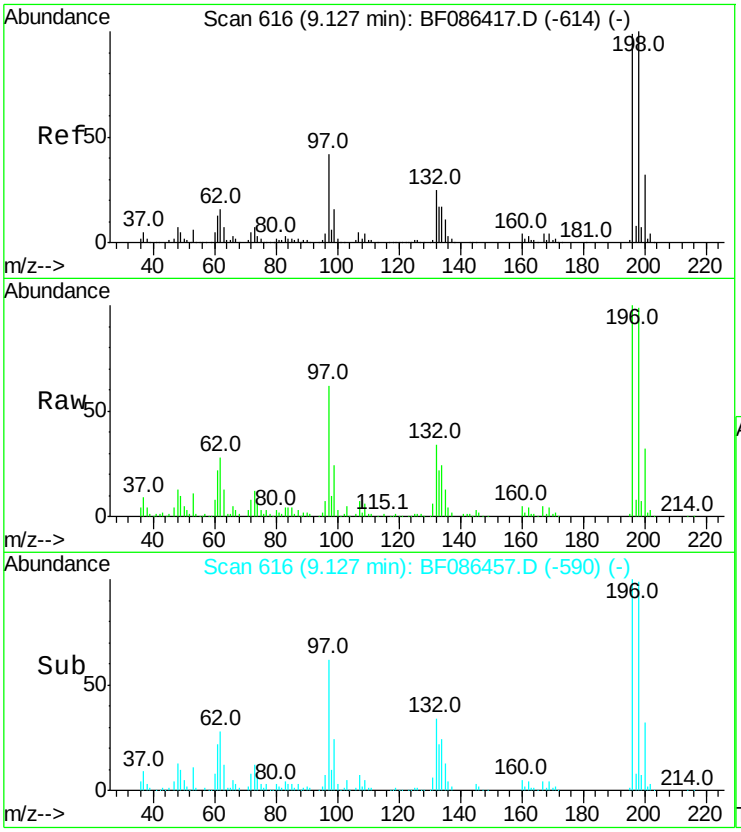


#42
2,4,6-Trichlorophenol
Concen: 46.95 ng
RT: 9.08 min Scan# 612
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:196 Resp: 140053

Ion	Ratio	Lower	Upper
196	100		
198	98.9	74.7	112.1
200	29.8	23.8	35.6

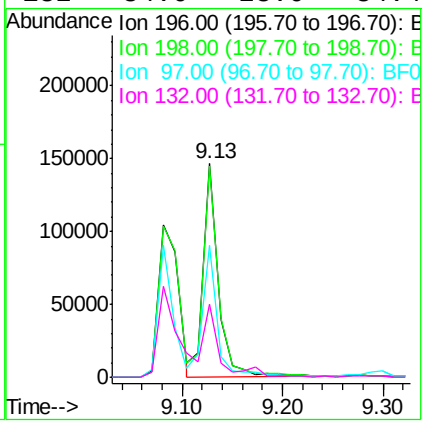




#43
2,4,5-Trichlorophenol
Concen: 46.83 ng
RT: 9.13 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:196 Resp: 152269

Ion	Ratio	Lower	Upper
196	100		
198	99.1	77.5	116.3
97	61.8	34.8	52.2#
132	34.0	23.0	34.4



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

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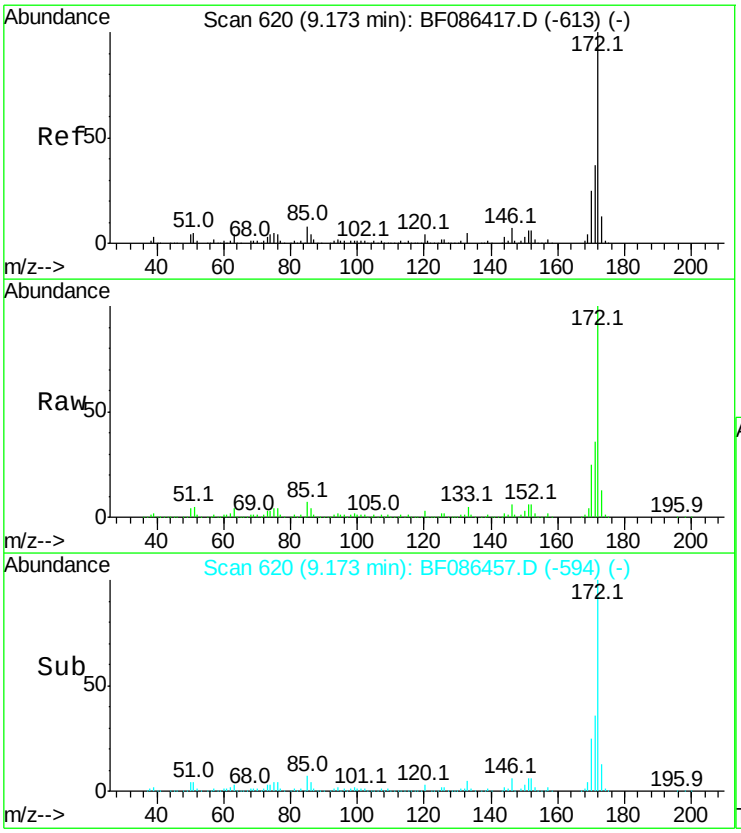
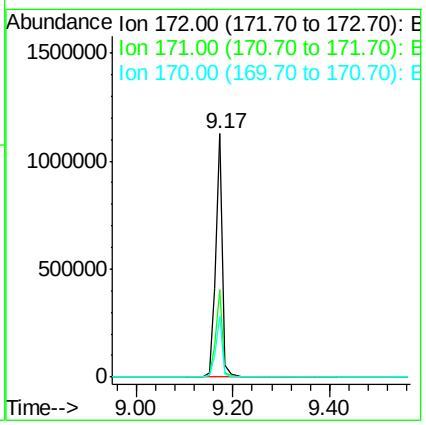
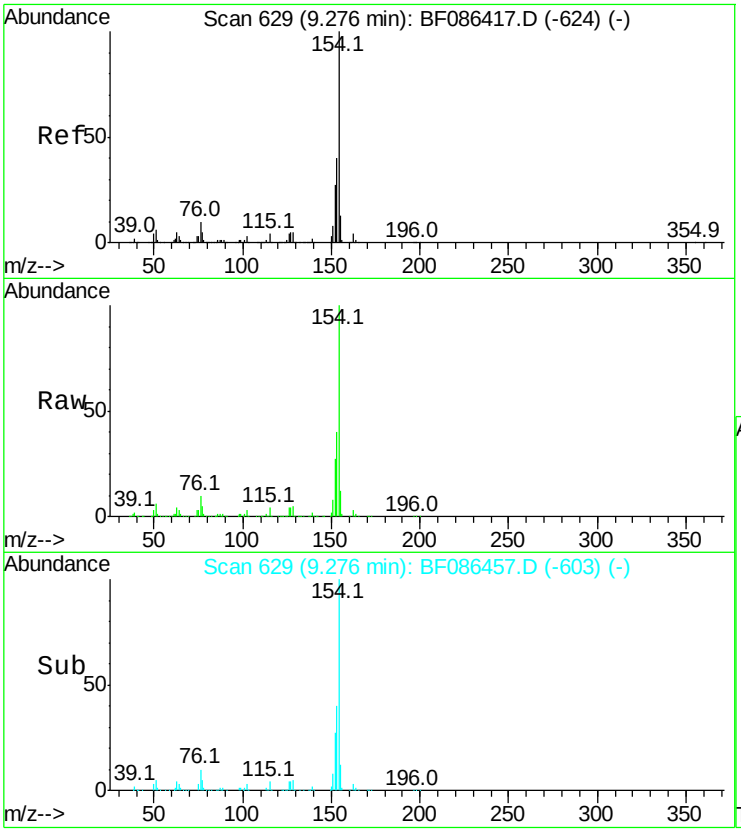


#44
2-Fluorobiphenyl
Concen: 136.66 ng
RT: 9.17 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:172 Resp: 1143169

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.0	43.6
170	24.7	19.8	29.8

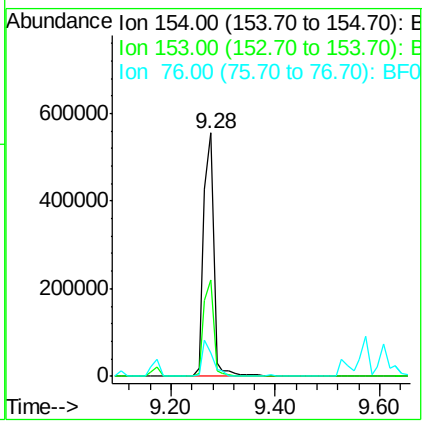




#45
1,1'-Biphenyl
Concen: 54.32 ng
RT: 9.28 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:154 Resp: 748594

Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.8	0.0	30.2



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

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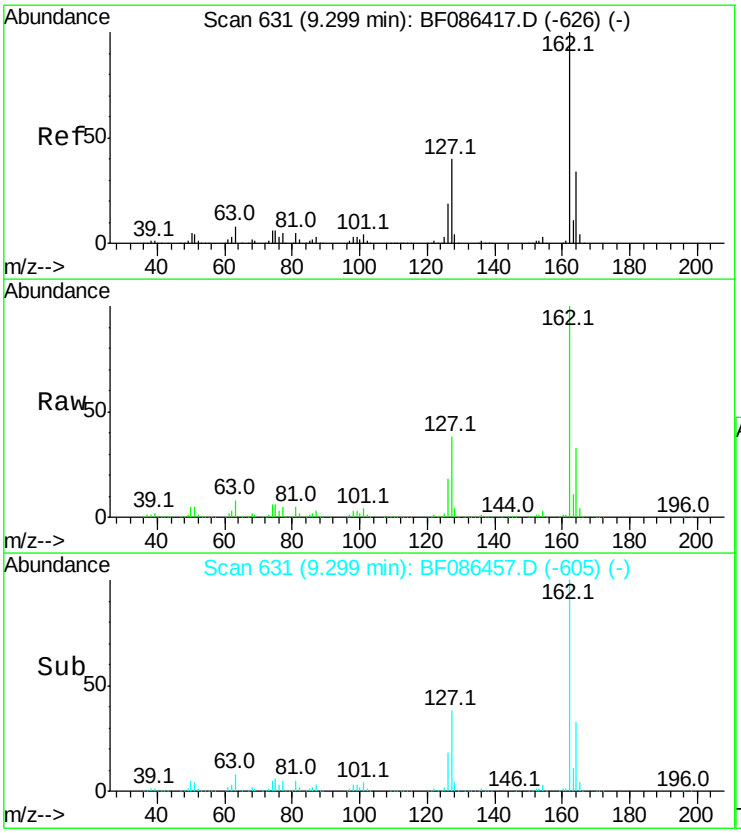
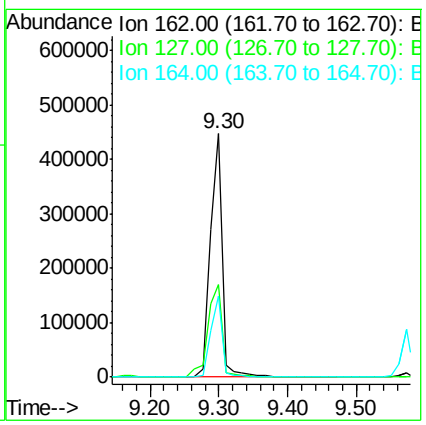
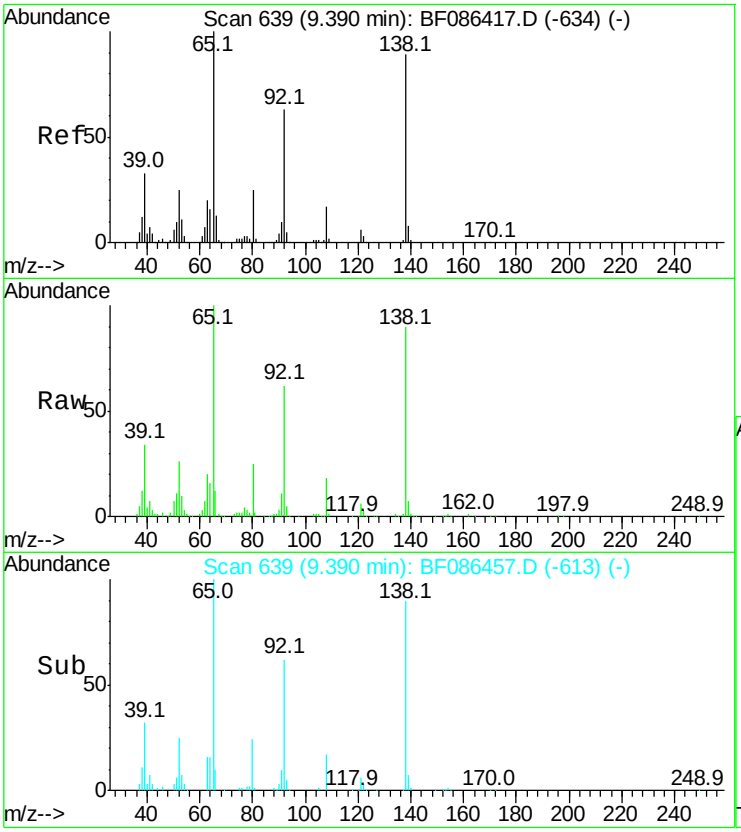


#46
2-Chloronaphthalene
Concen: 51.94 ng
RT: 9.30 min Scan# 631
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:162 Resp: 544231

Ion	Ratio	Lower	Upper
162	100		
127	37.9	31.8	47.6
164	33.2	27.0	40.6





#47
2-Nitroaniline
Concen: 59.28 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 65 Resp: 199190

Ion	Ratio	Lower	Upper
65	100		
92	61.8	57.4	86.2
138	89.7	90.1	135.1#

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

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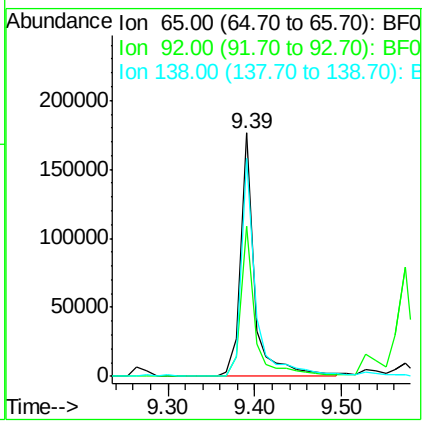
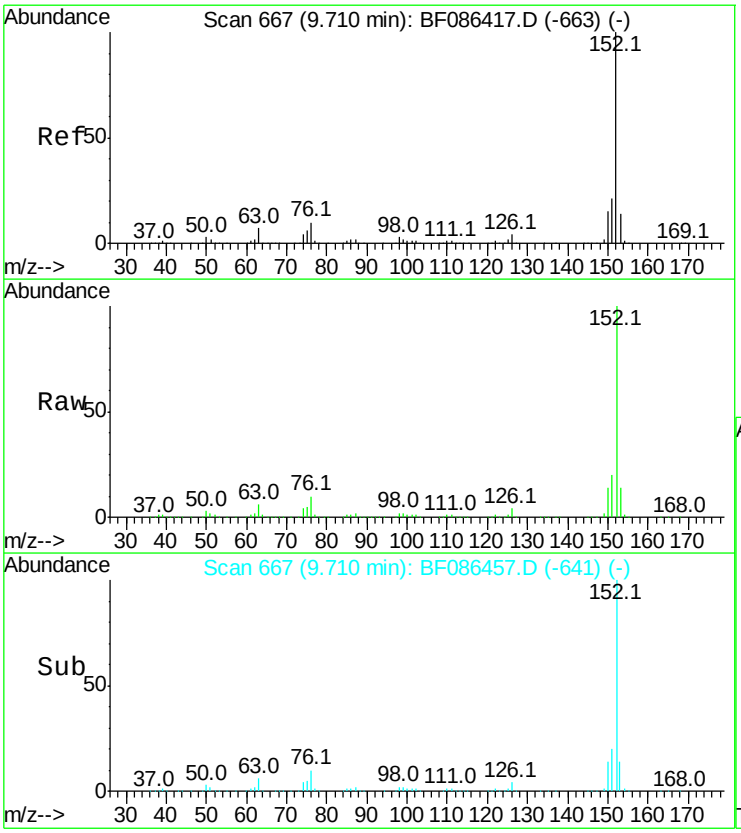
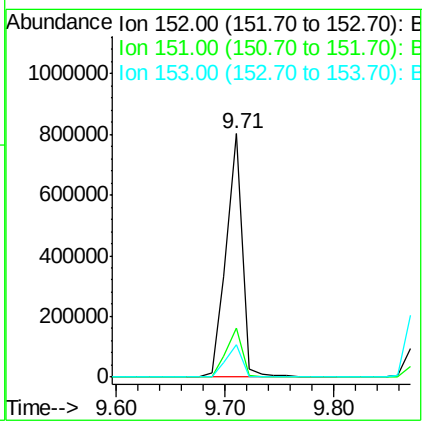


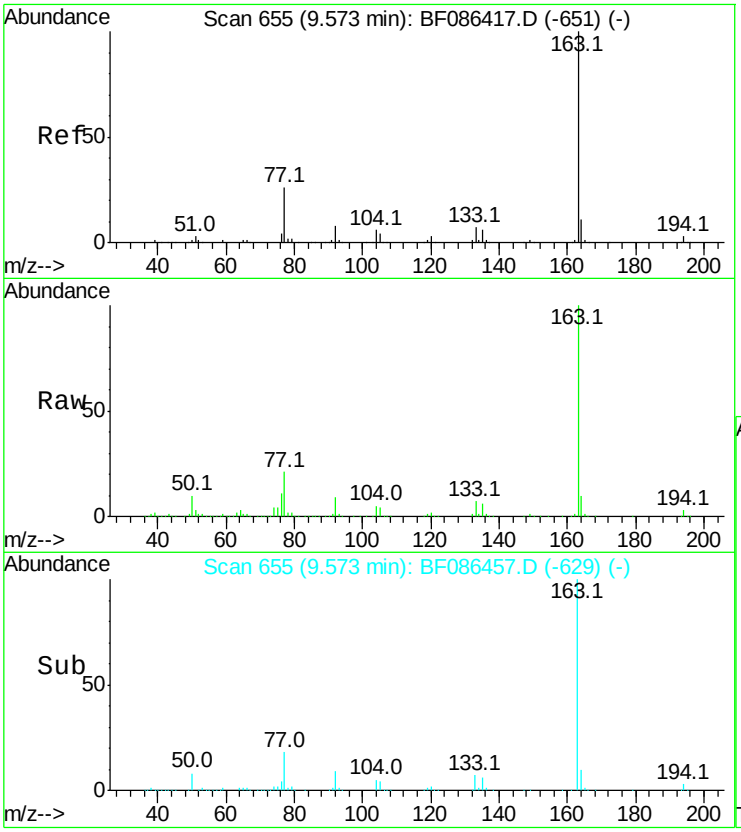


#48
Acenaphthylene
Concen: 49.99 ng
RT: 9.71 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:152 Resp: 818746

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	13.6	10.9	16.3

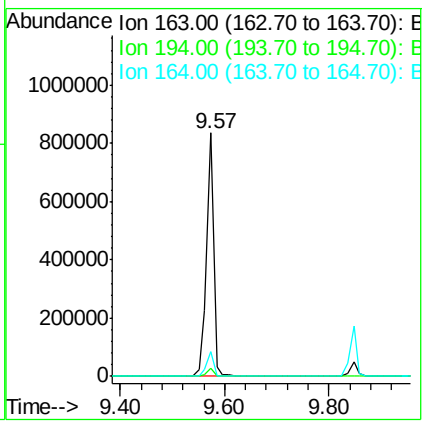




#49
Dimethylphthalate
Concen: 63.12 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:163 Resp: 783426

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.4	8.2	12.4



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

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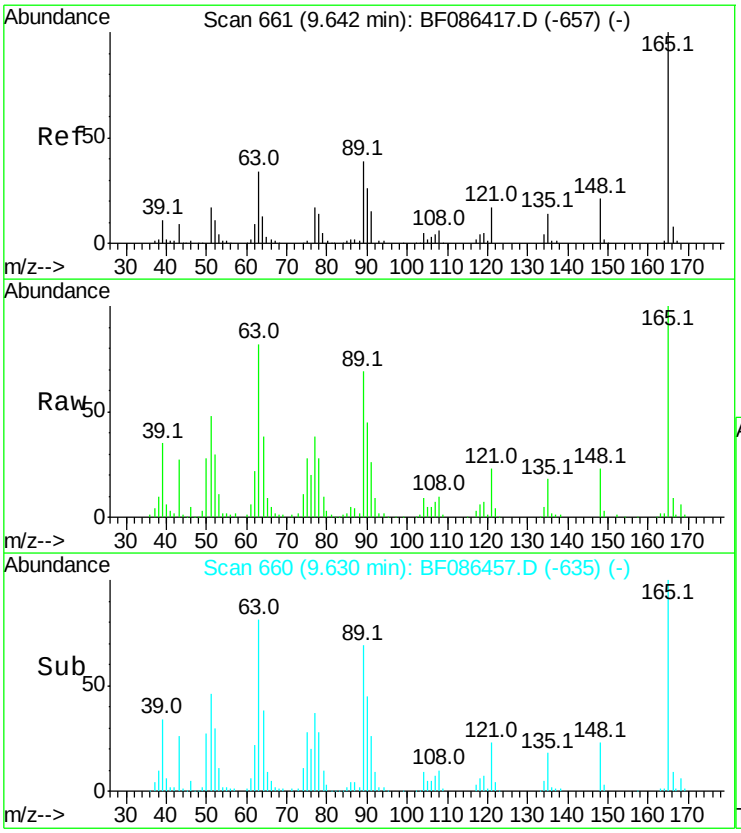
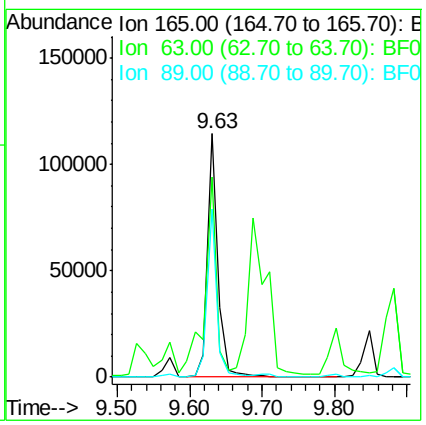
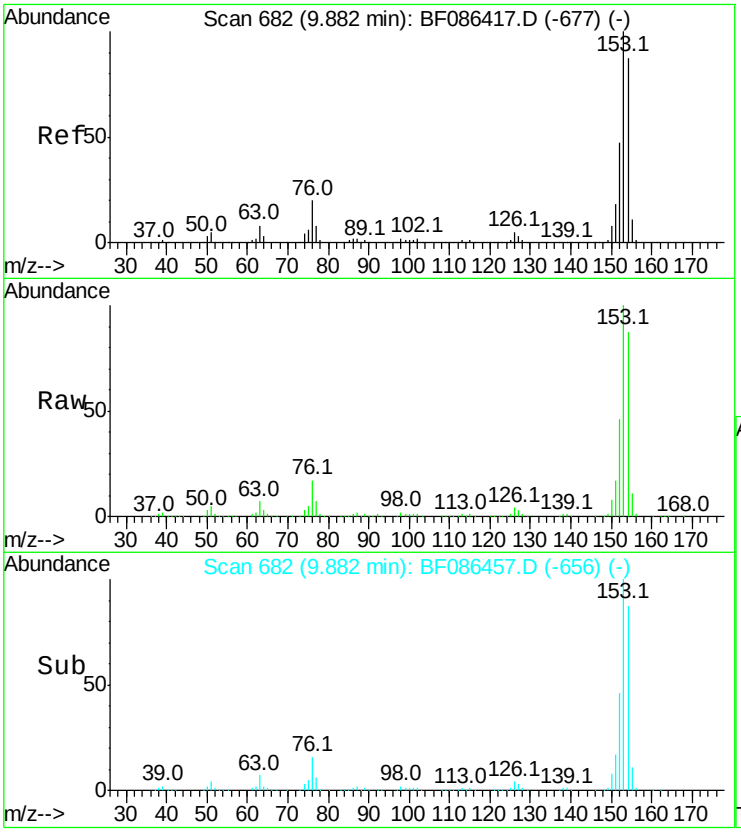


#50
2,6-Dinitrotoluene
Concen: 45.26 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:165 Resp: 116053

Ion	Ratio	Lower	Upper
165	100		
63	82.3	51.8	77.8#
89	69.1	50.7	76.1

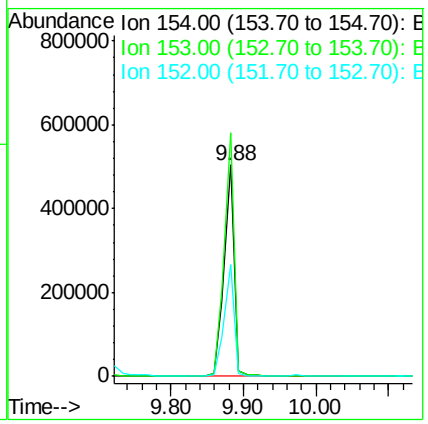




#51
Acenaphthene
Concen: 46.89 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:154 Resp: 493303

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.8	134.6
152	52.7	43.4	65.0



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

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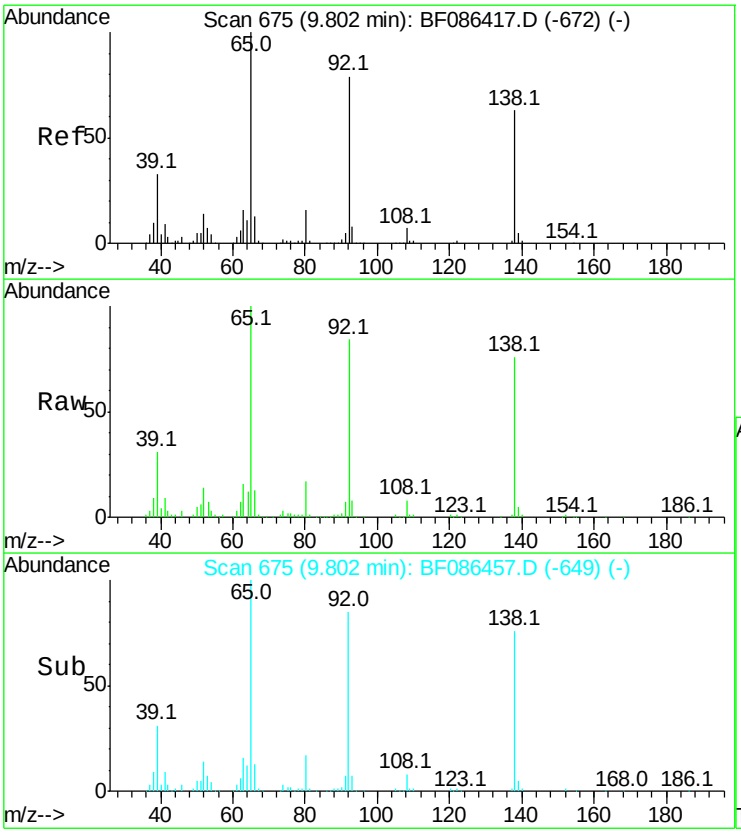
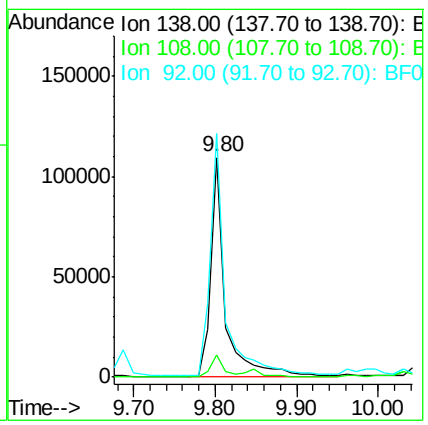
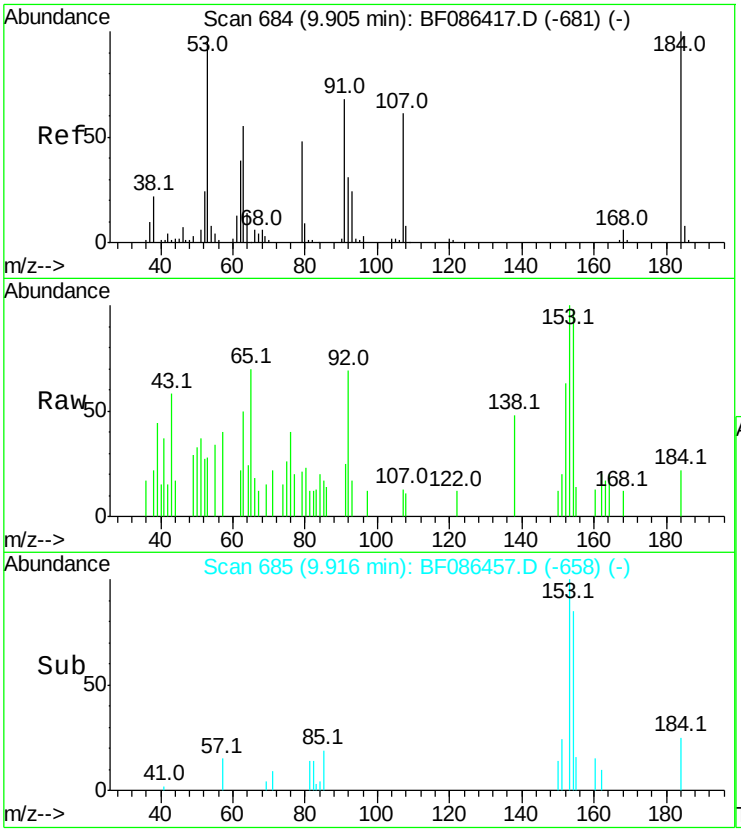


#52
3-Nitroaniline
Concen: 48.42 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:138 Resp: 141187

Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.6
92	111.0	87.8	131.8





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

Tgt Ion:184 Resp: 1740

Ion	Ratio	Lower	Upper
184	100		
63	230.2	55.8	83.8#
154	453.9	62.4	93.6#

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

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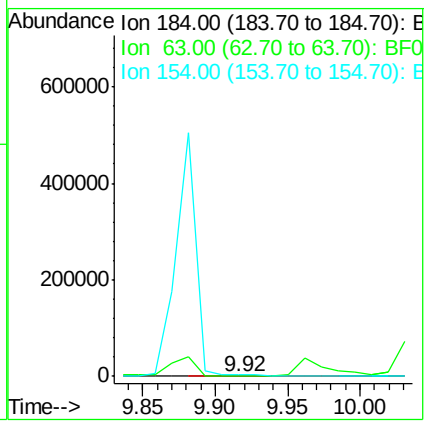
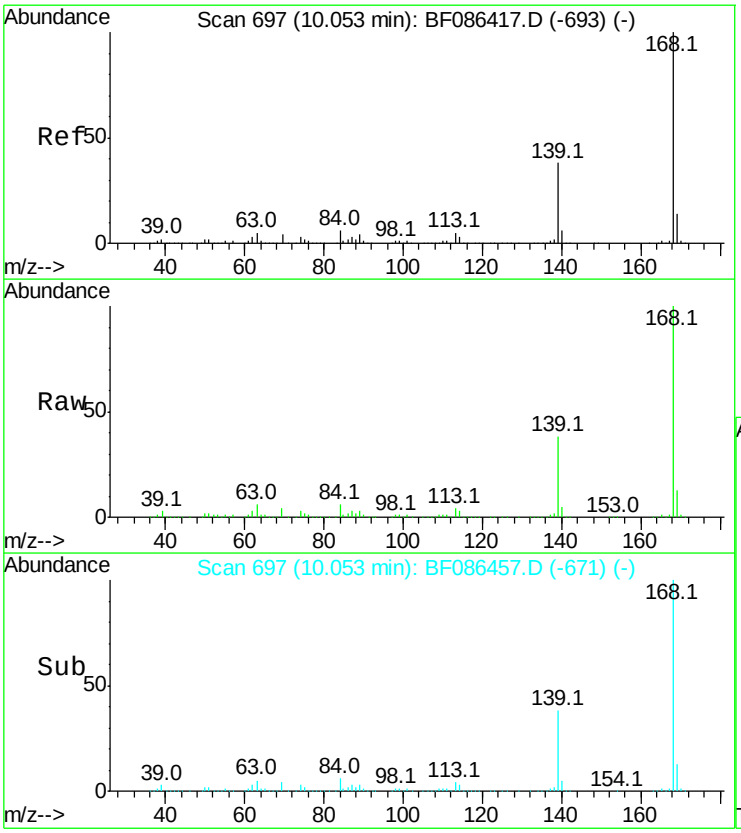
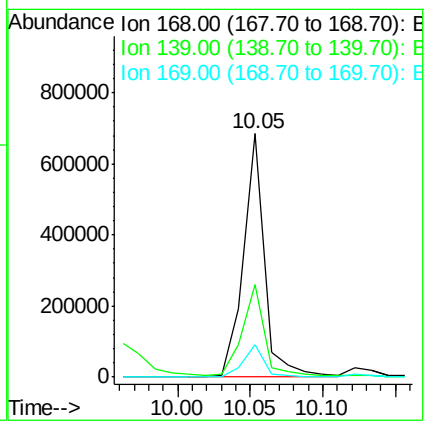


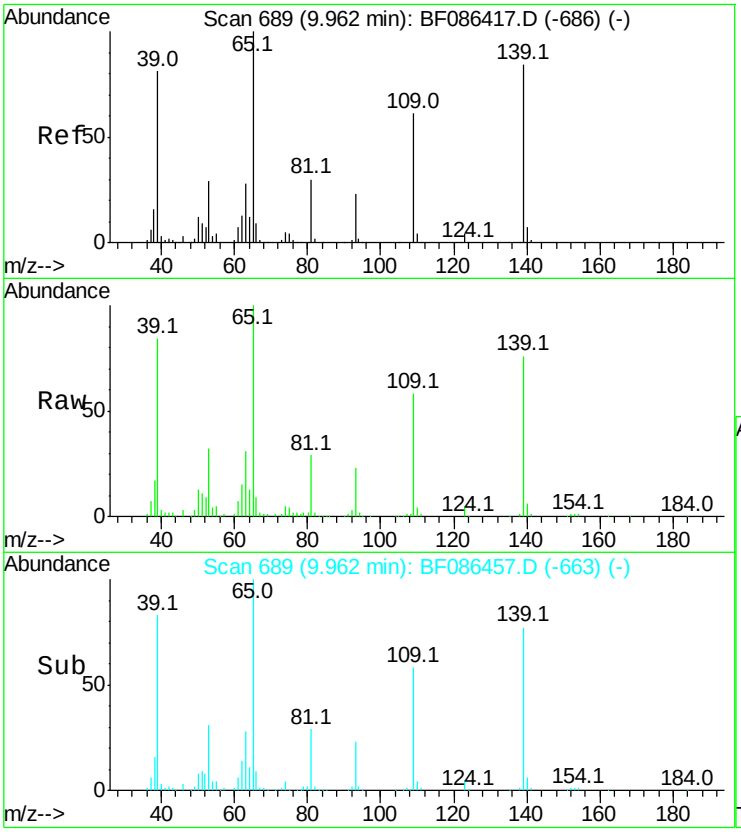


#54
Dibenzofuran
Concen: 52.62 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:168 Resp: 691838

Ion	Ratio	Lower	Upper
168	100		
139	38.3	31.4	47.0
169	13.4	10.7	16.1

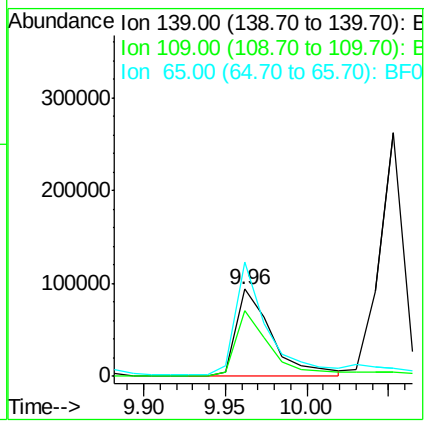




#55
4-Nitrophenol
Concen: 76.10 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:139 Resp: 145298

Ion	Ratio	Lower	Upper
139	100		
109	75.7	36.9	76.9
65	130.8	64.0	104.0#



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

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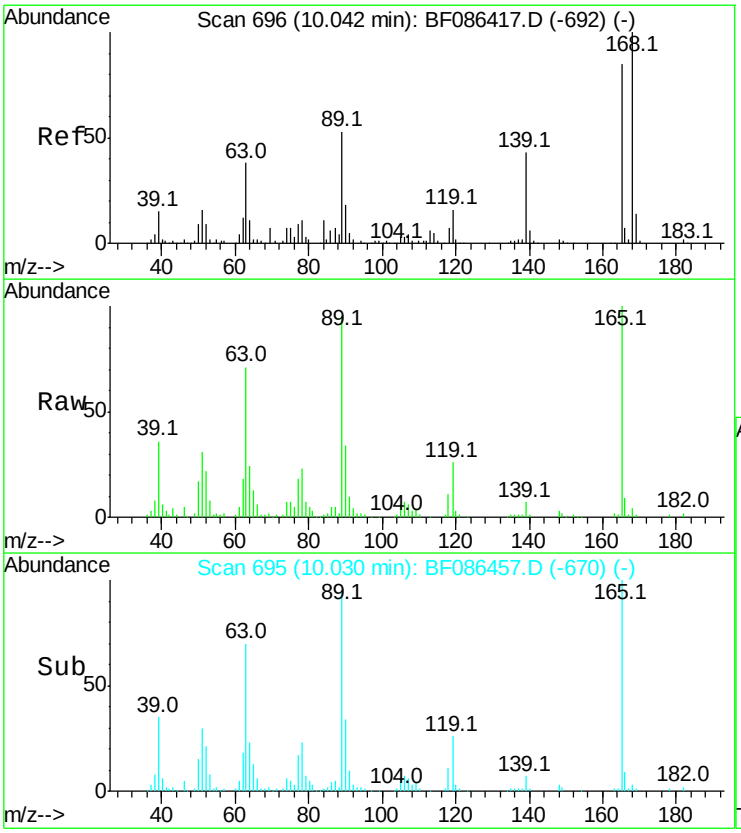
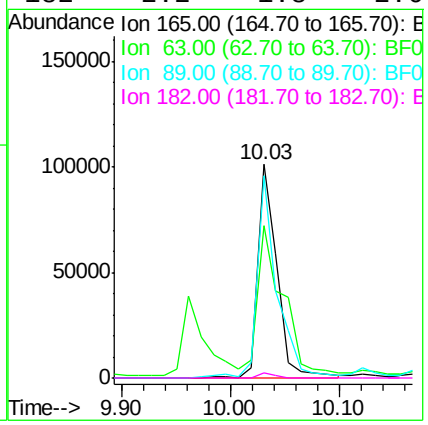
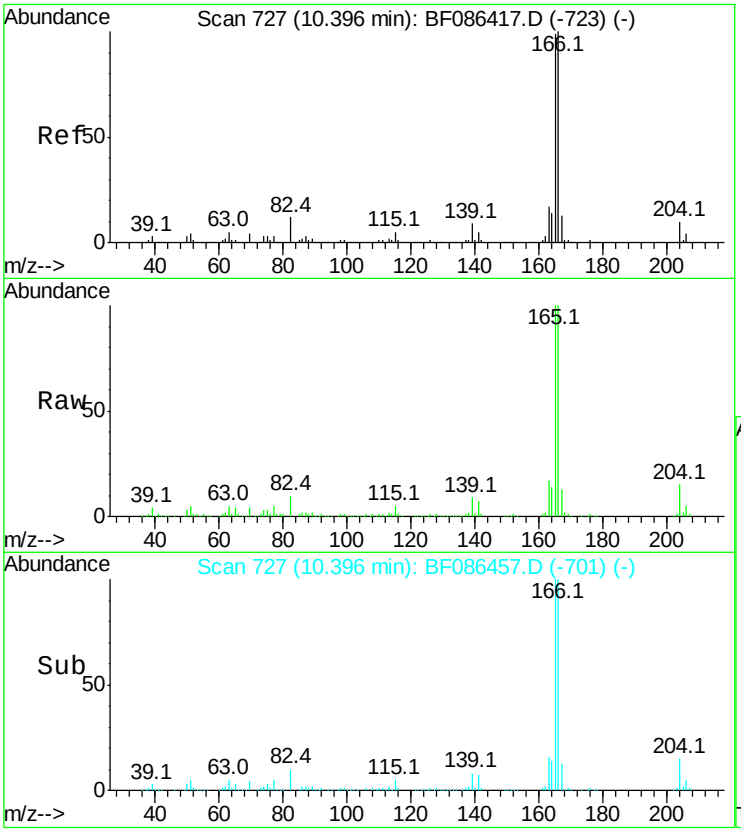


#56
2,4-Dinitrotoluene
Concen: 37.98 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:165 Resp: 124146

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

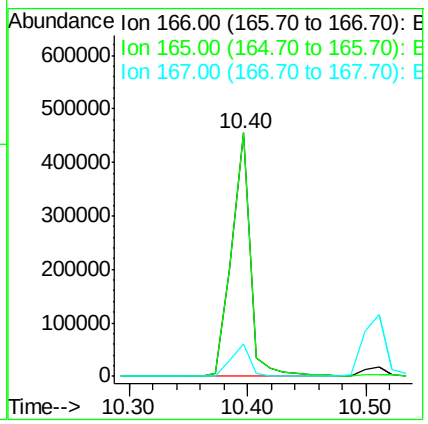




#57
Fluorene
Concen: 43.89 ng
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:166 Resp: 501020

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.6
167	13.2	10.6	15.8



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

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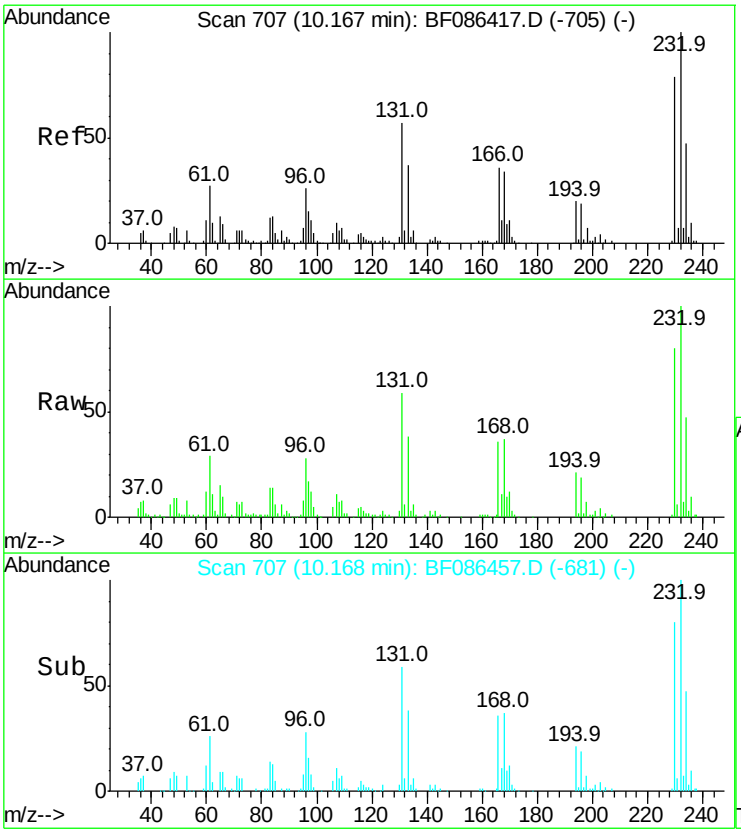
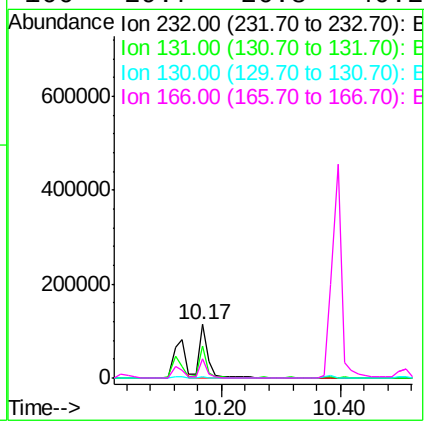
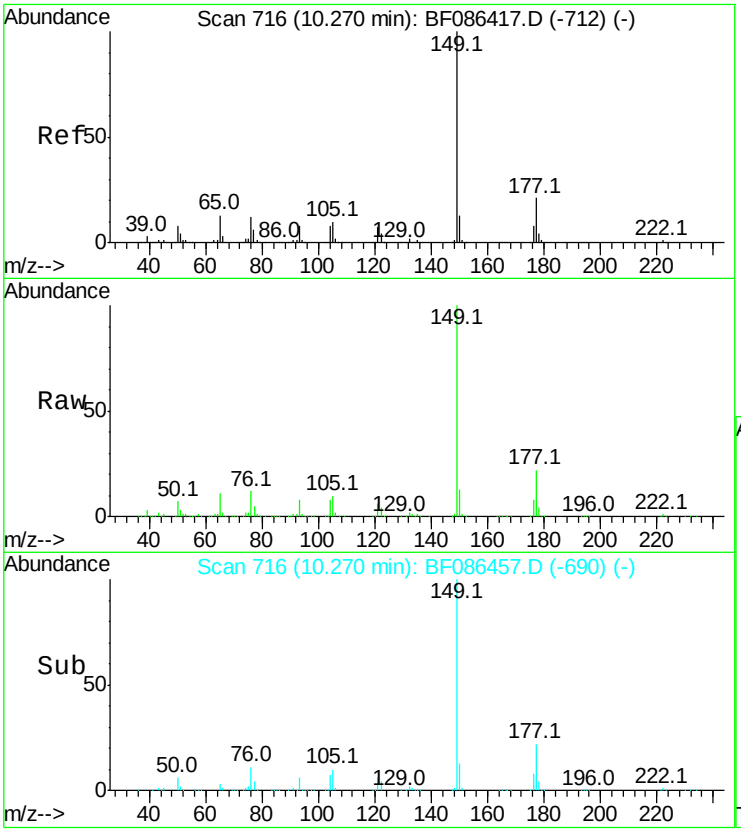


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.82 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:232 Resp: 126645

Ion	Ratio	Lower	Upper
232	100		
131	48.6	41.9	62.9
130	2.3	2.2	3.4
166	29.7	26.8	40.2





#59
Diethylphthalate
Concen: 51.04 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:149 Resp: 599660

Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.6	24.8
150	12.8	10.0	15.0

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

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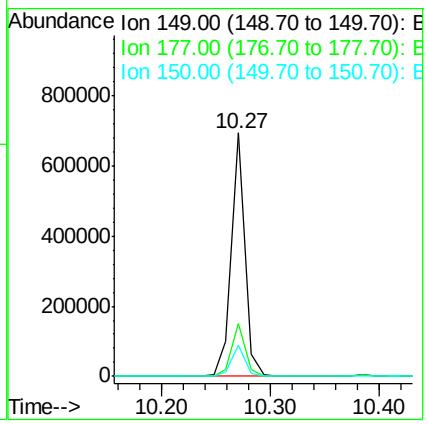
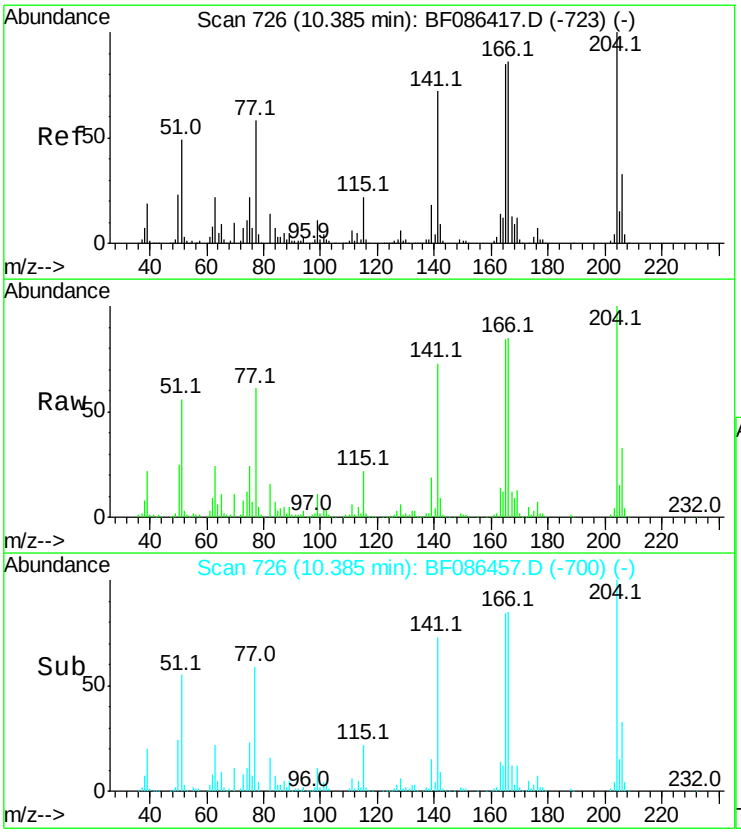
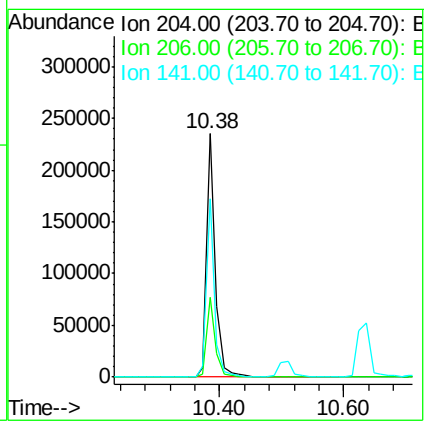


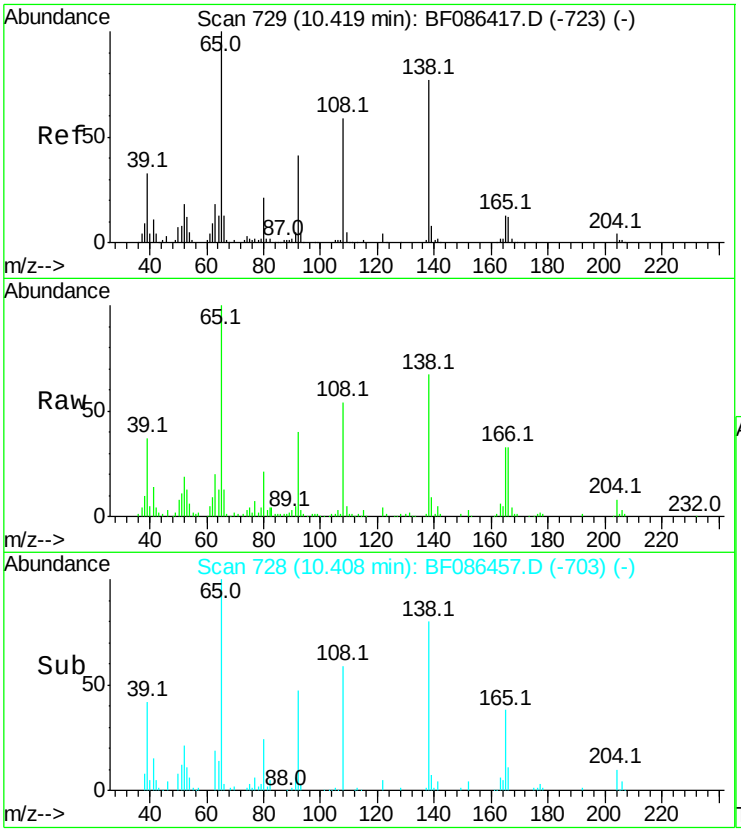


#60
4-Chlorophenyl-phenylether
Concen: 44.40 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:204 Resp: 230114

Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.0
141	73.2	61.6	92.4

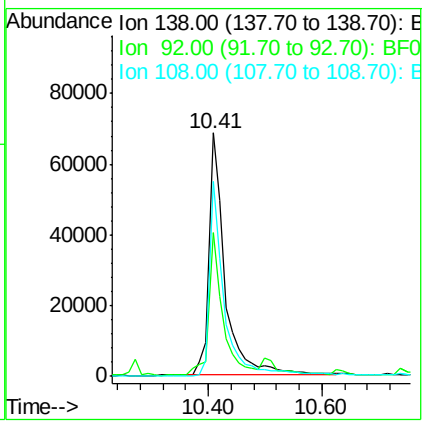




#61
4-Nitroaniline
Concen: 46.71 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:138 Resp: 133144

Ion	Ratio	Lower	Upper
138	100		
92	59.3	24.7	64.7
108	79.9	37.4	77.4#



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

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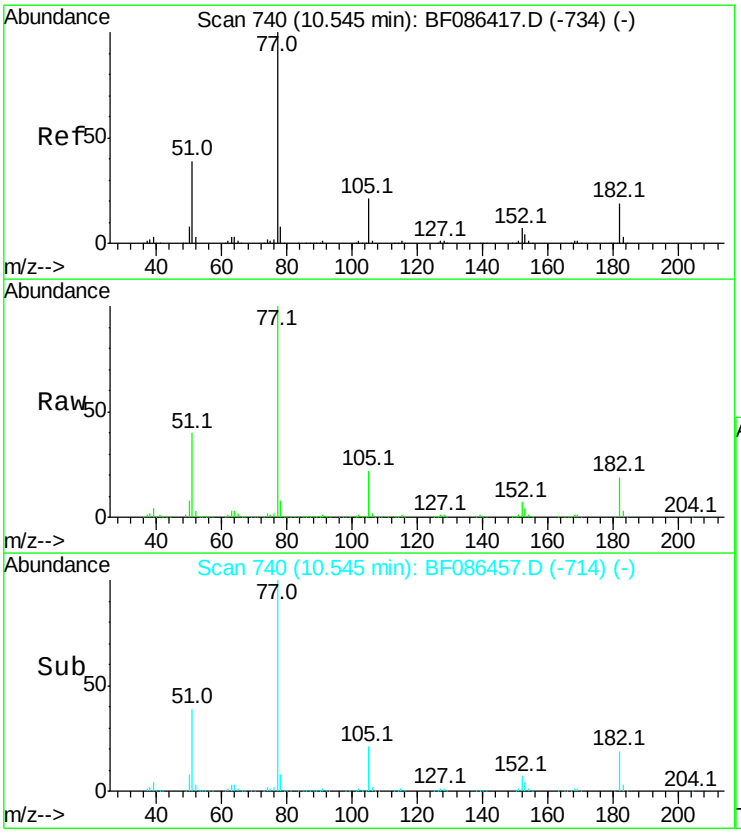
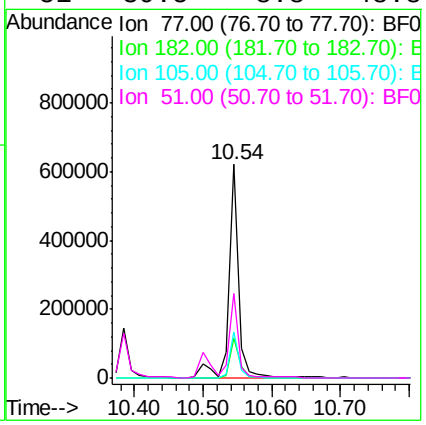
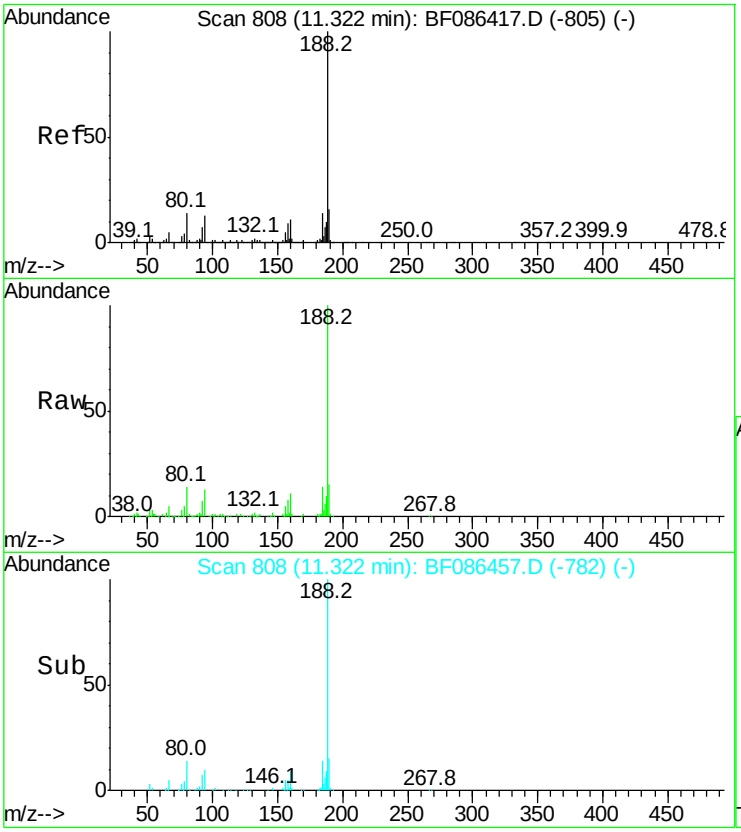


#62
Azobenzene
Concen: 48.17 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion: 77 Resp: 619902

Ion	Ratio	Lower	Upper
77	100		
182	18.9	0.0	38.8
105	21.5	3.2	43.2
51	39.5	8.8	48.8

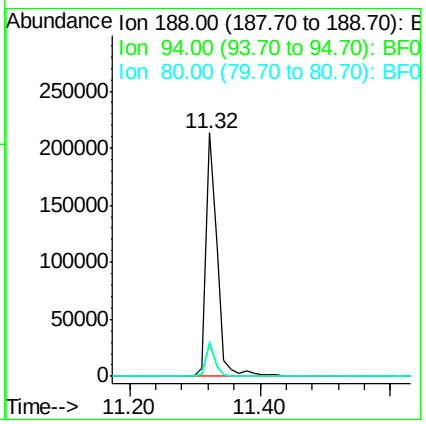




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:188 Resp: 255420

Ion	Ratio	Lower	Upper
188	100		
94	13.5	6.8	10.2#
80	14.3	7.1	10.7#



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

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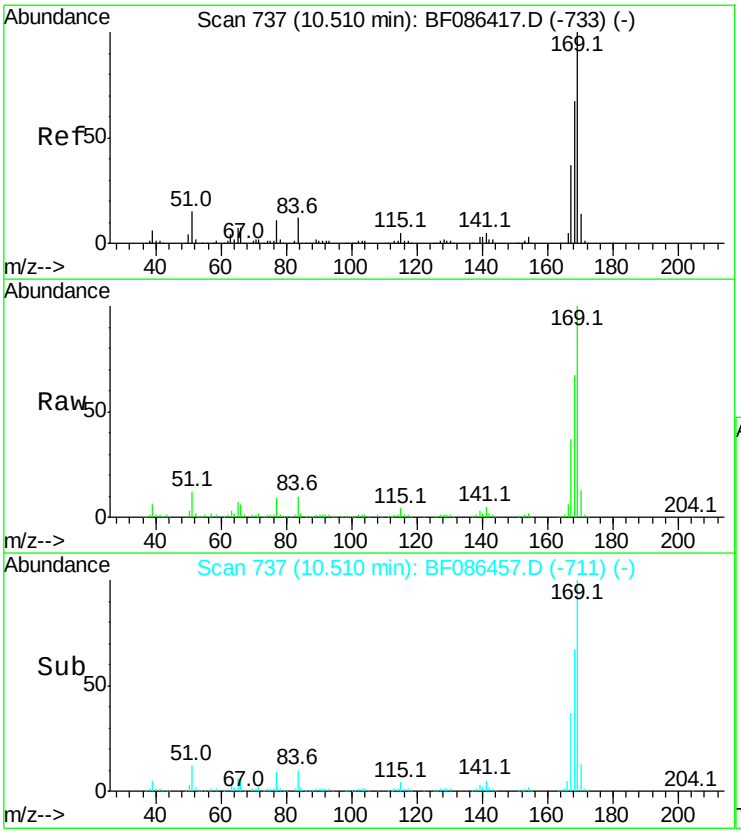
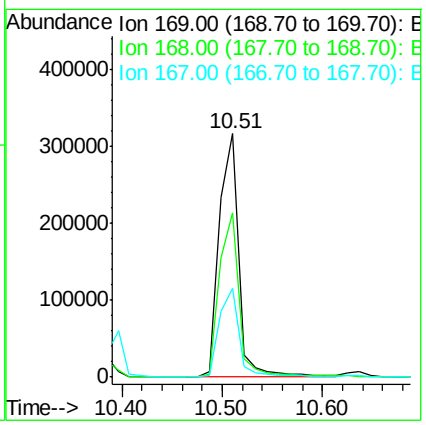
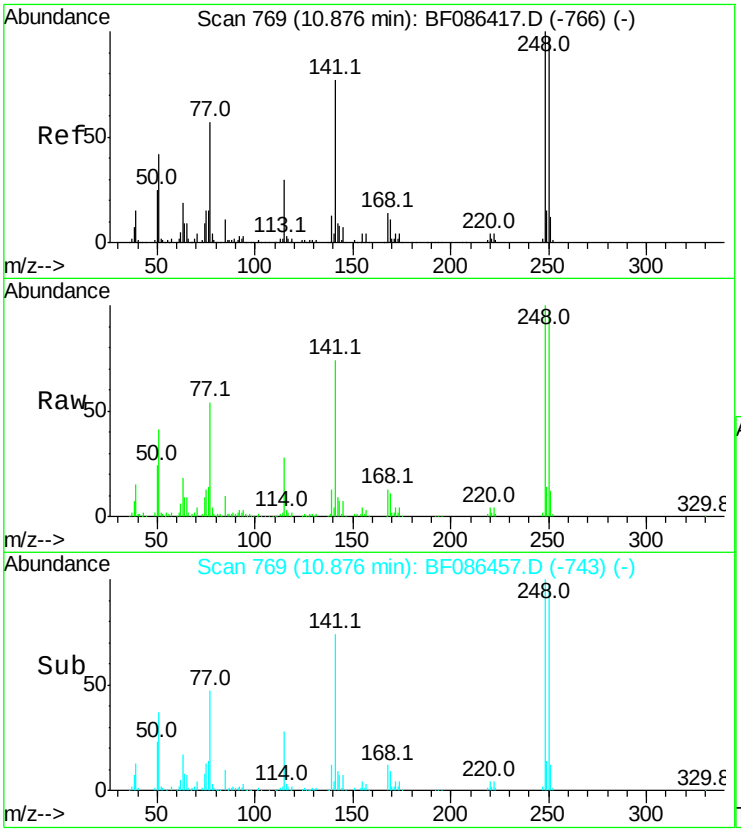


#65
n-Nitrosodiphenylamine
Concen: 53.88 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:169 Resp: 430103

Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.8	80.6
167	36.7	29.5	44.3





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

Tgt Ion:248 Resp: 139438

Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.6	117.8
141	74.5	76.0	114.0#

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

Manual Integrations APPROVED
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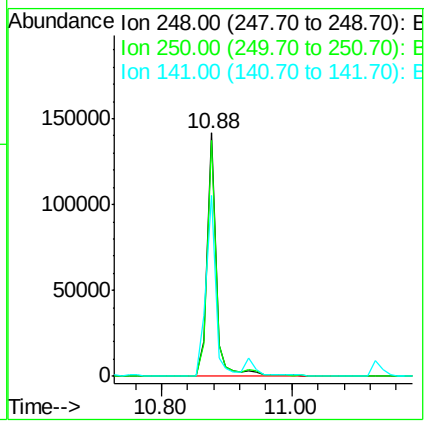
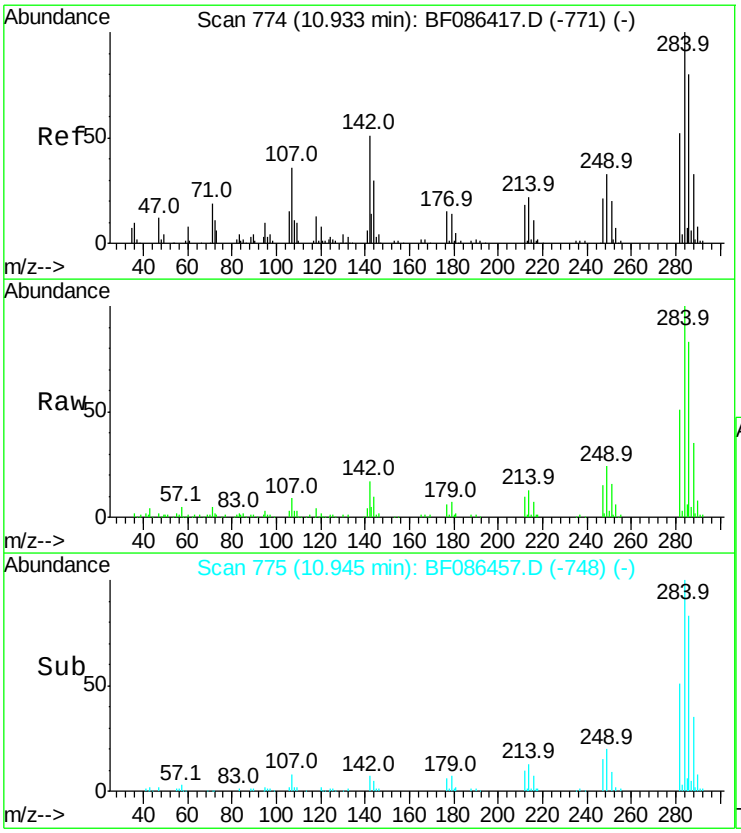
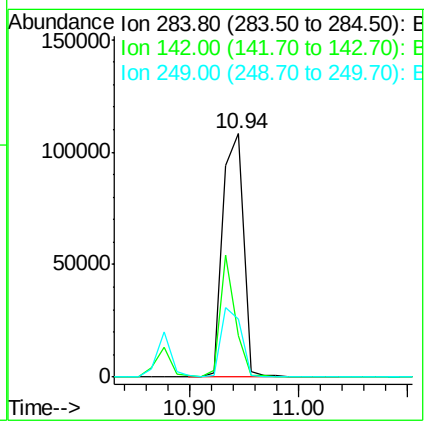


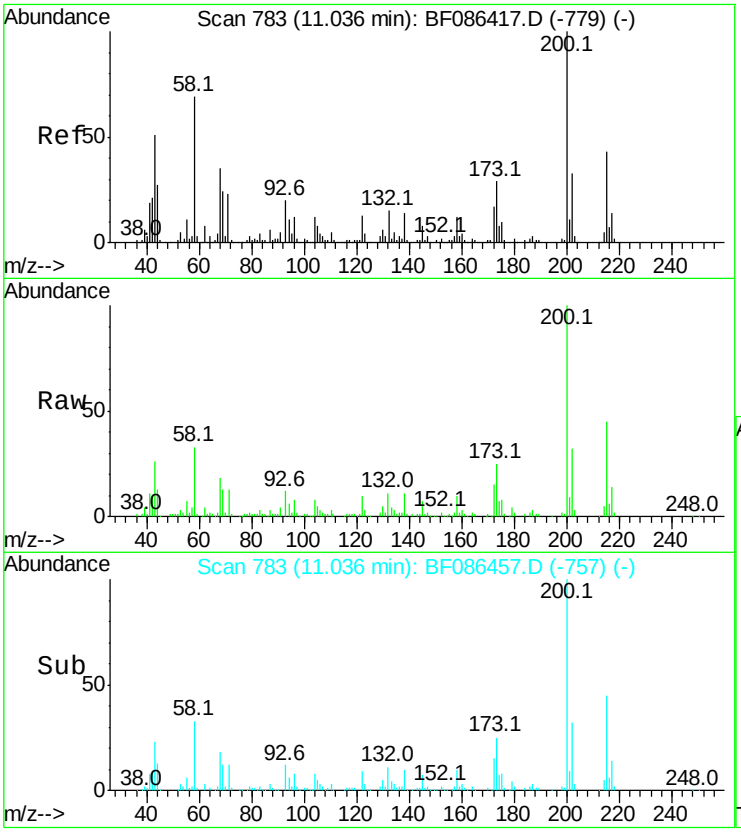


#67
Hexachlorobenzene
Concen: 47.17 ng
RT: 10.94 min Scan# 775
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:284 Resp: 143710

Ion	Ratio	Lower	Upper
284	100		
142	17.2	16.7	25.1
249	24.0	21.3	31.9

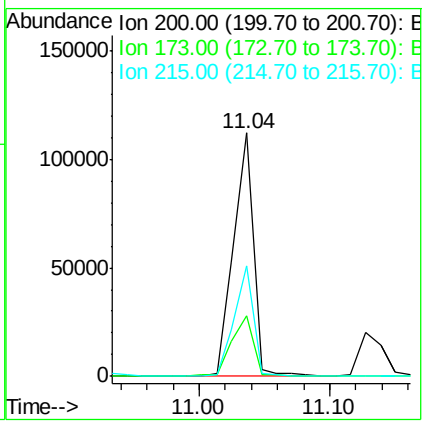




#68
Atrazine
Concen: 49.76 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:200 Resp: 119278

Ion	Ratio	Lower	Upper
200	100		
173	24.8	8.5	48.5
215	45.4	27.2	67.2



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

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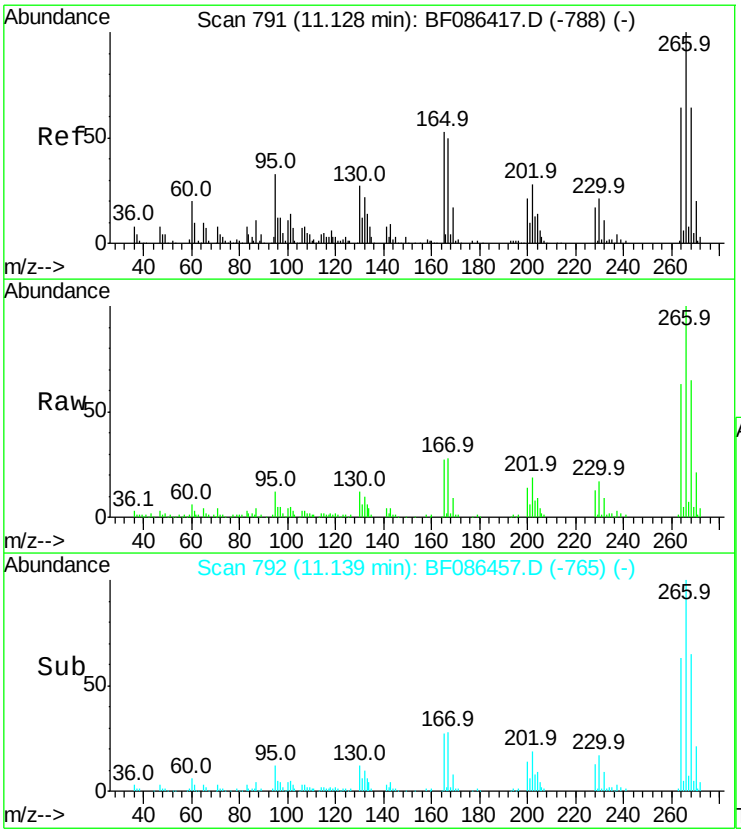
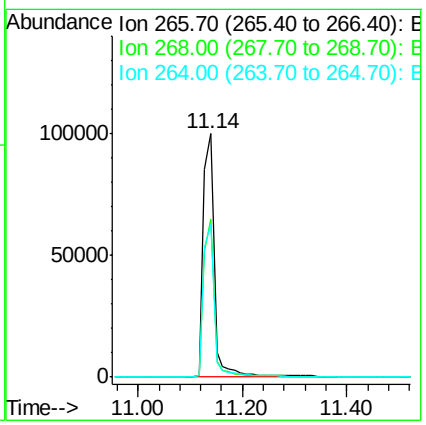
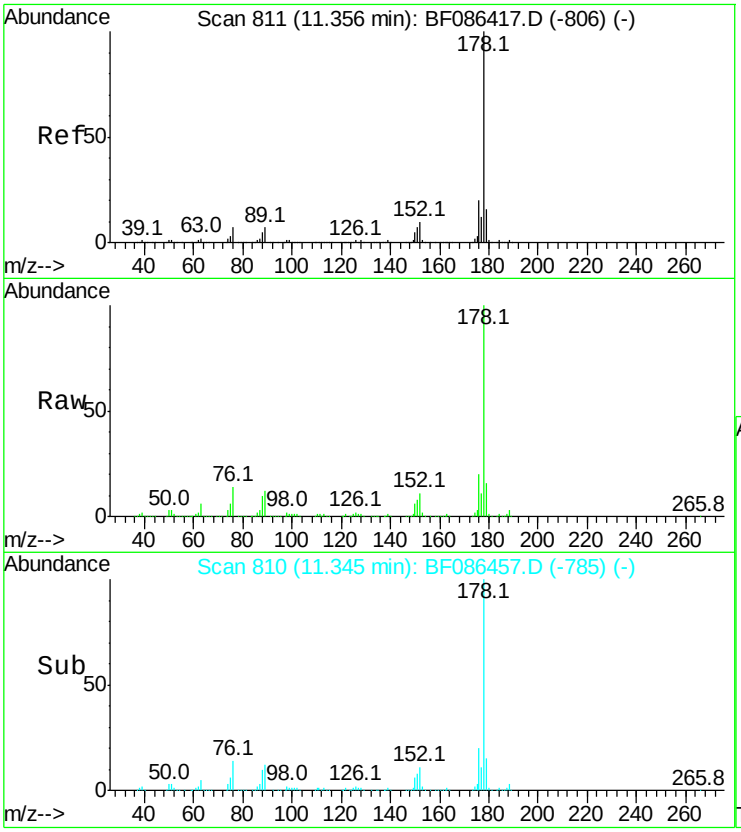


#69
Pentachlorophenol
Concen: 93.51 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:266 Resp: 150189

Ion	Ratio	Lower	Upper
266	100		
268	64.6	51.5	77.3
264	62.7	52.9	79.3

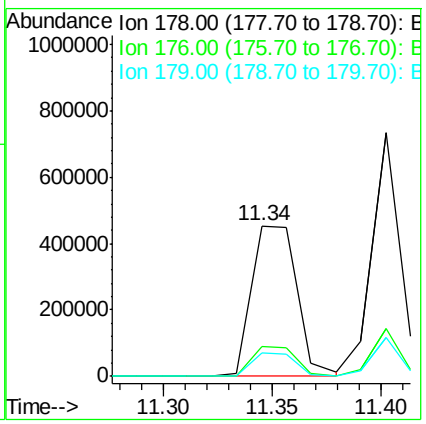




#70
Phenanthrene
Concen: 49.36 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:178 Resp: 661664

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.7	12.6	18.8



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

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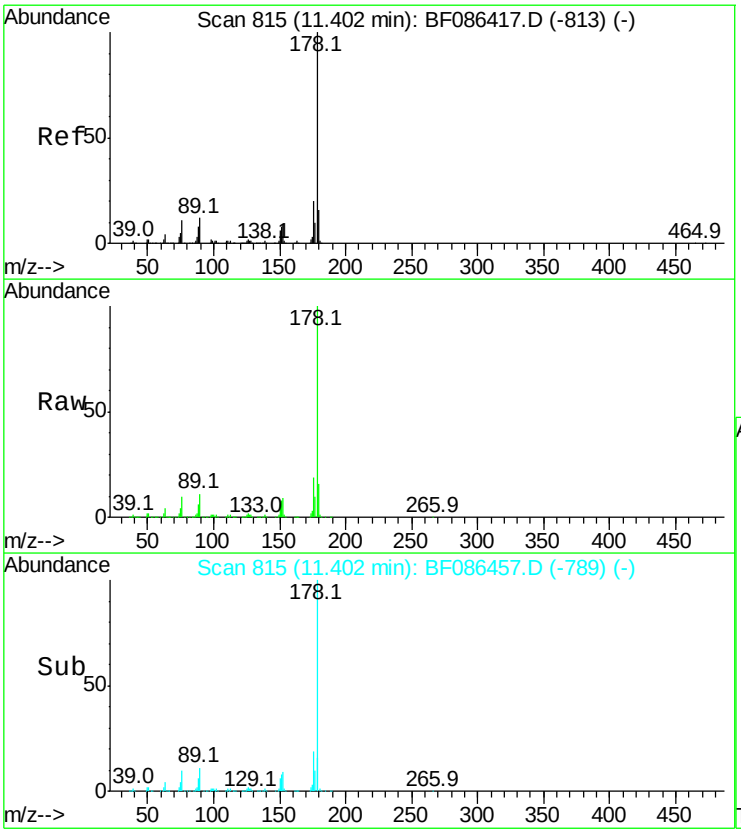
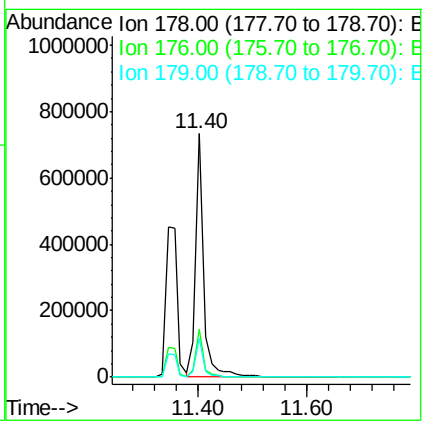
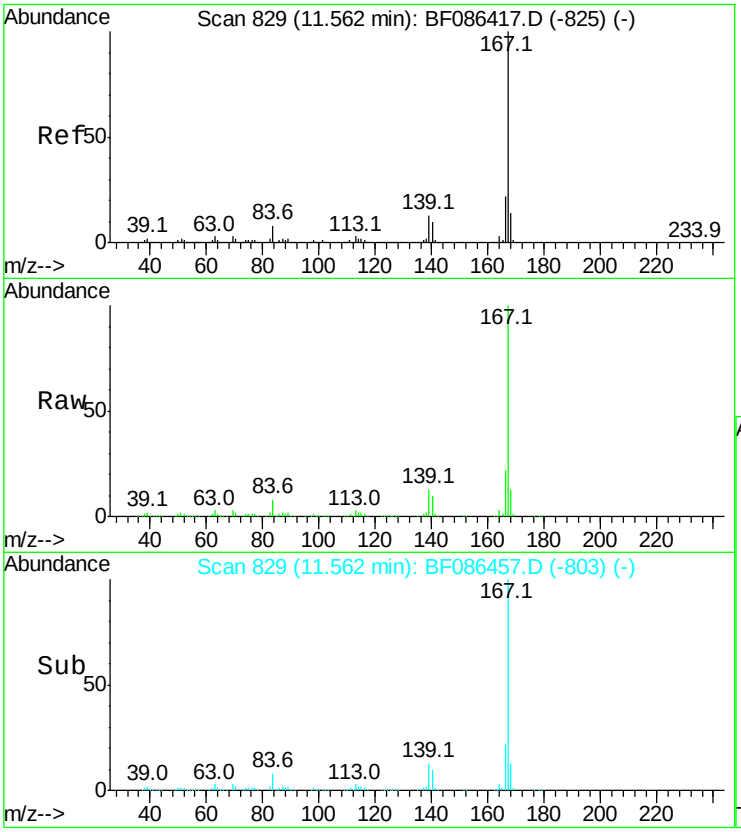


#71
Anthracene
Concen: 51.85 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:178 Resp: 741769

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.7	12.7	19.1

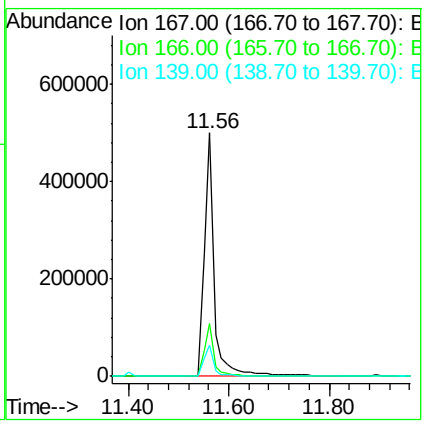




#72
Carbazole
Concen: 53.83 ng
RT: 11.56 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:167 Resp: 682455

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.5	10.8	16.2



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

Manual Integrations APPROVED
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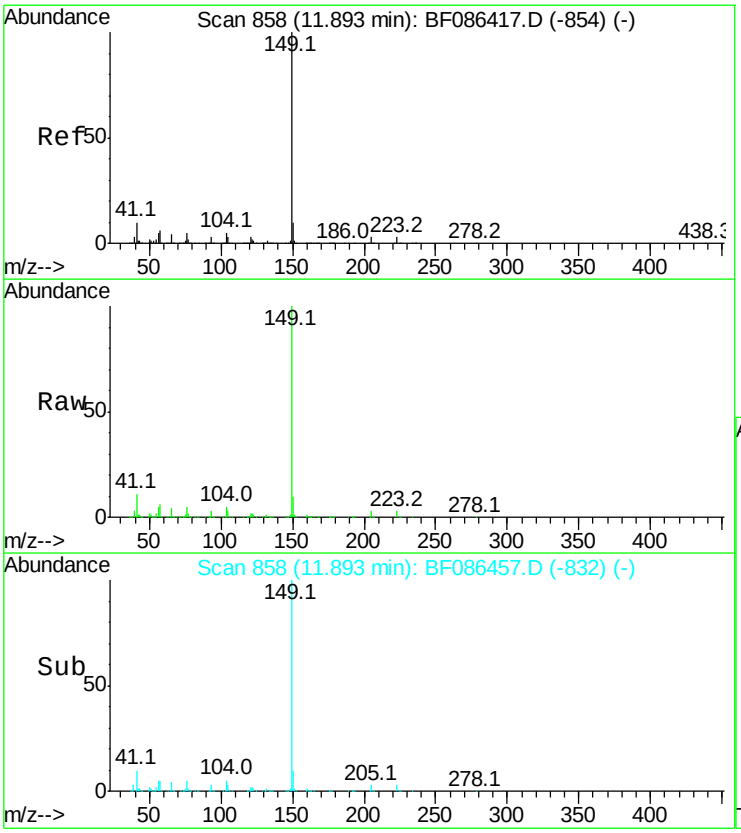
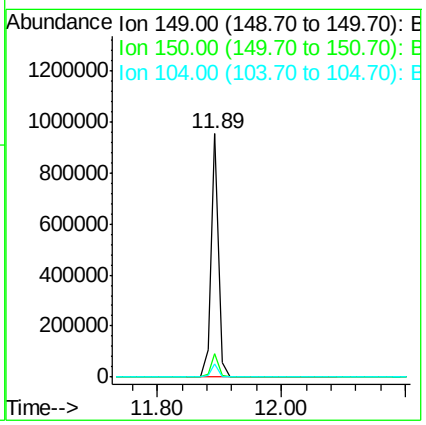
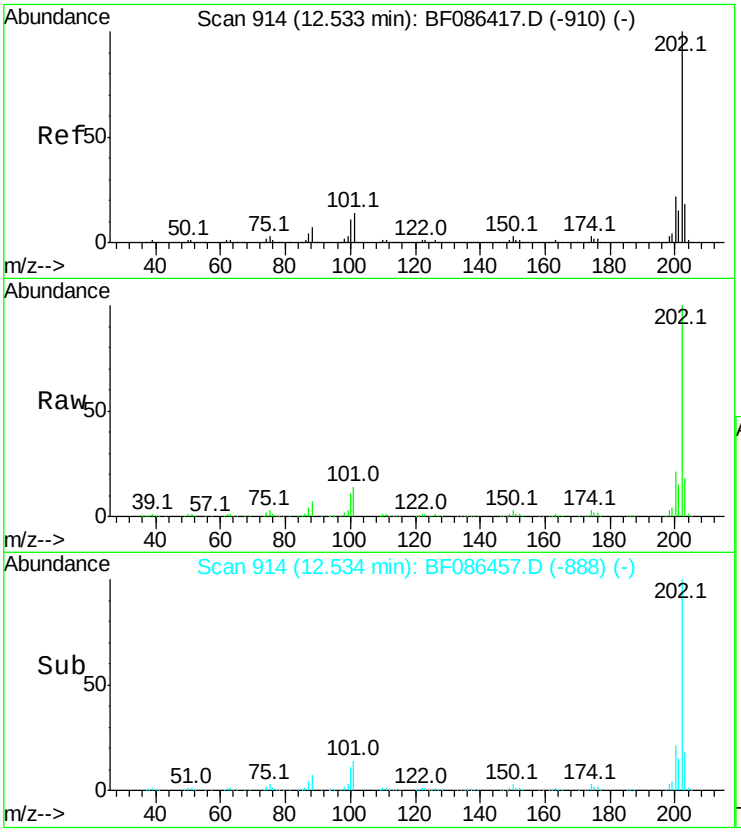


#73
Di-n-butylphthalate
Concen: 54.14 ng
RT: 11.89 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:149 Resp: 777555

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.6	11.4
104	5.2	3.8	5.6

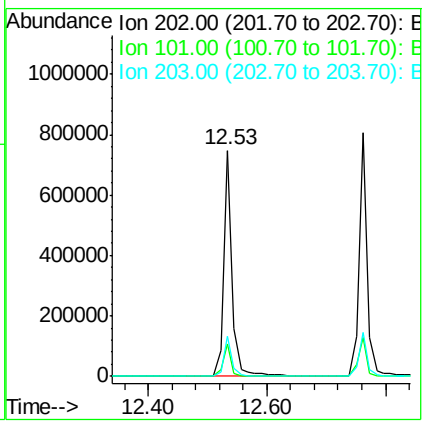




#74
Fluoranthene
Concen: 54.93 ng
RT: 12.53 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:202 Resp: 743207

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	35.4
203	17.7	0.0	38.1



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

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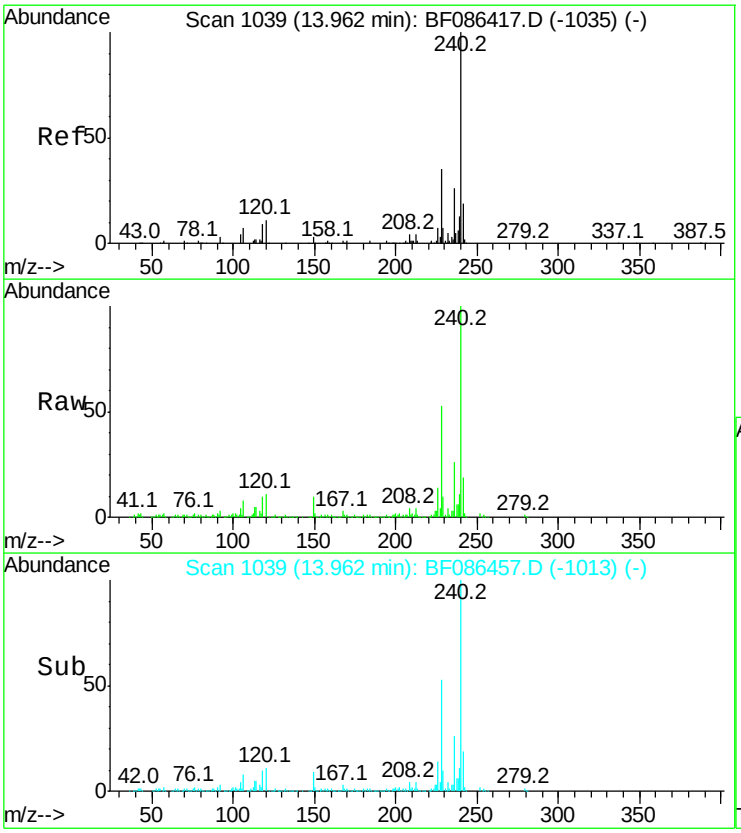
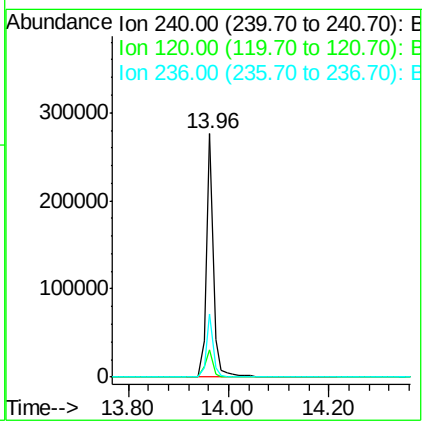
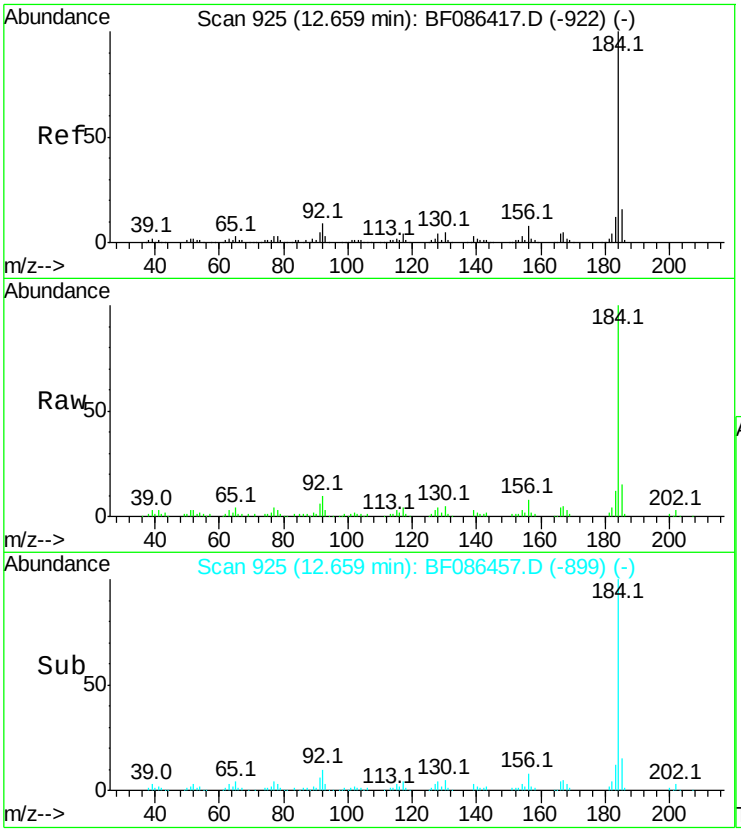


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:240 Resp: 268245

Ion	Ratio	Lower	Upper
240	100		
120	11.3	11.2	16.8
236	26.0	21.2	31.8

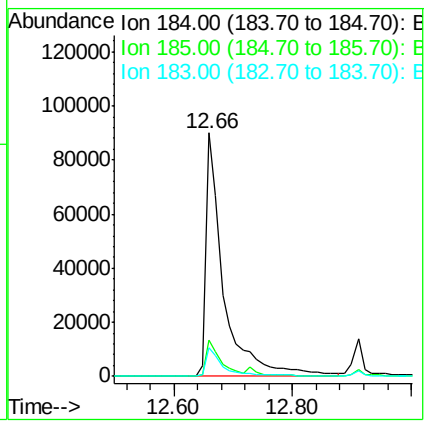




#76
Benzidine
Concen: 20.41 ng
RT: 12.66 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:184 Resp: 188129

Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.6	20.4
183	11.5	9.8	14.6



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

Manual Integrations APPROVED
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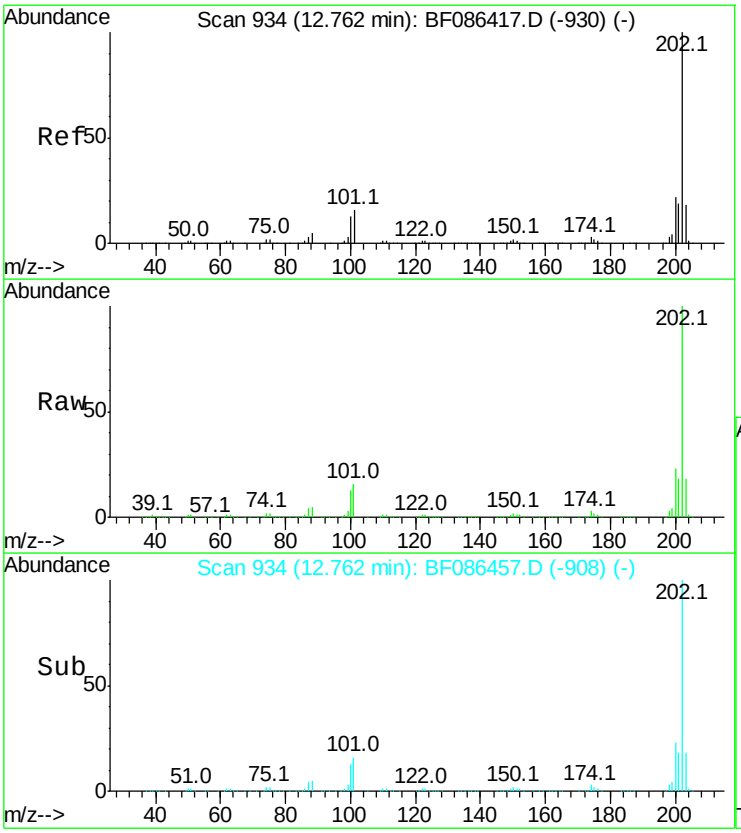
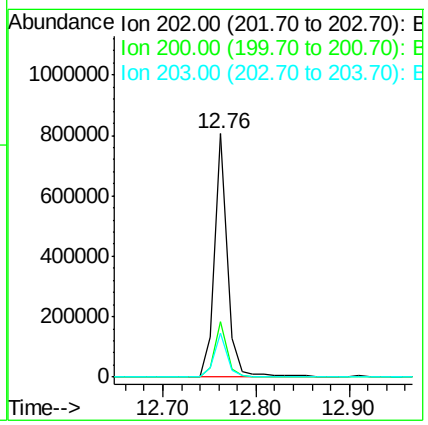
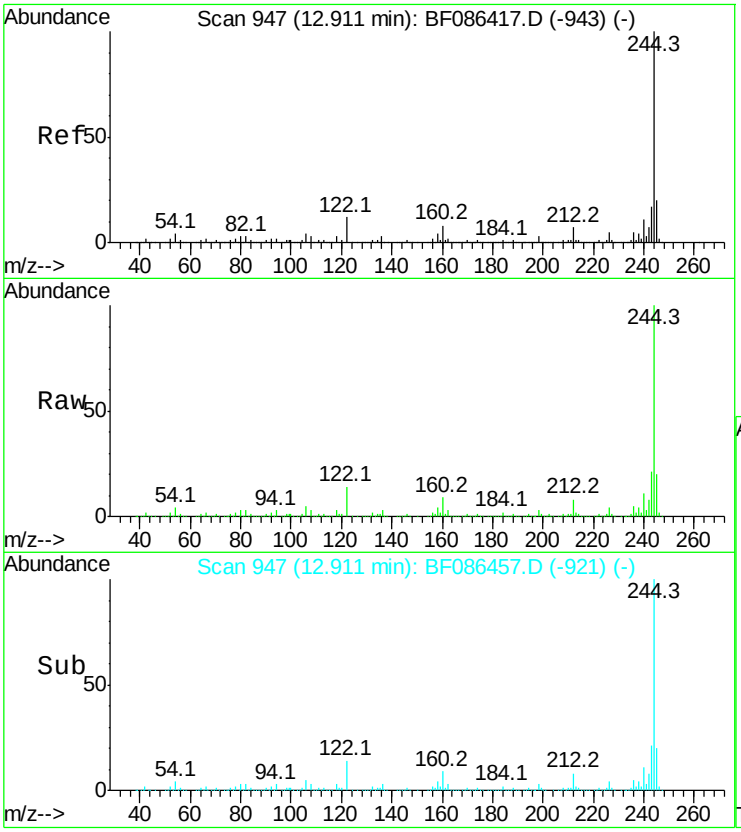


#77
Pyrene
Concen: 39.83 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:202 Resp: 769960

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.7	26.5
203	17.9	14.2	21.4

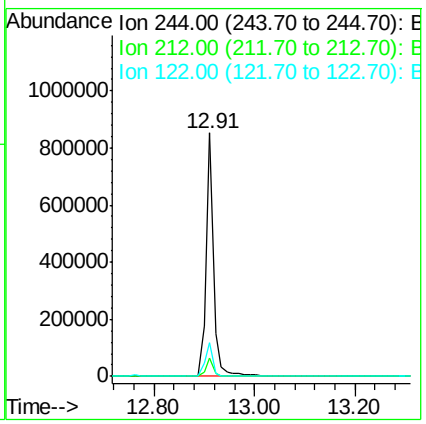




#78
Terphenyl-d14
Concen: 72.16 ng
RT: 12.91 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:244 Resp: 878547

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	13.7	12.0	18.0



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

Manual Integrations APPROVED
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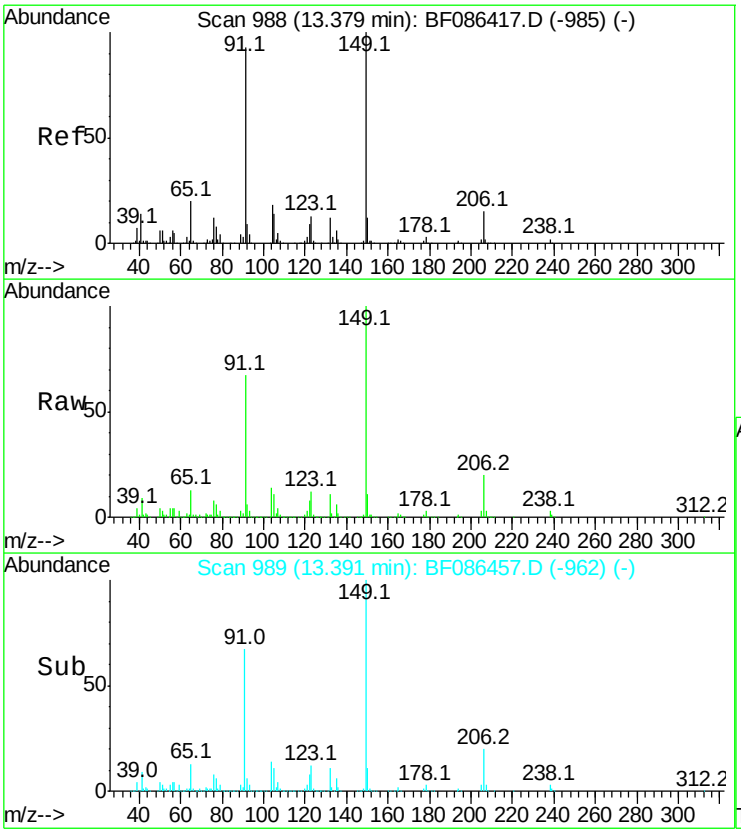
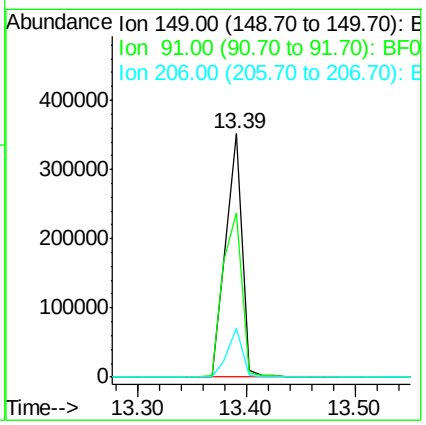
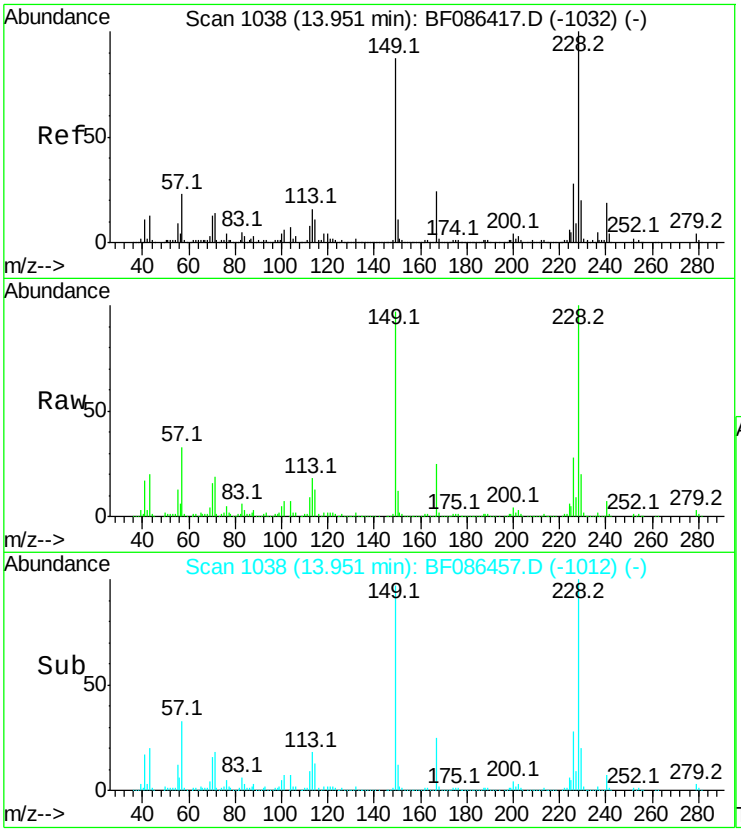


#79
Butylbenzylphthalate
Concen: 44.10 ng
RT: 13.39 min Scan# 989
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:149 Resp: 369146

Ion	Ratio	Lower	Upper
149	100		
91	67.4	48.0	72.0
206	20.3	15.8	23.6

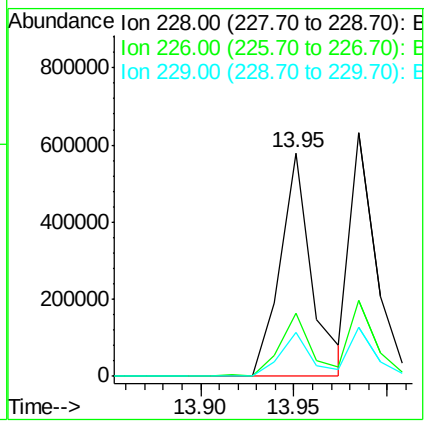




#80
Benzo(a)anthracene
Concen: 48.07 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:228 Resp: 687441

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	19.7	16.6	25.0



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

Manual Integrations APPROVED
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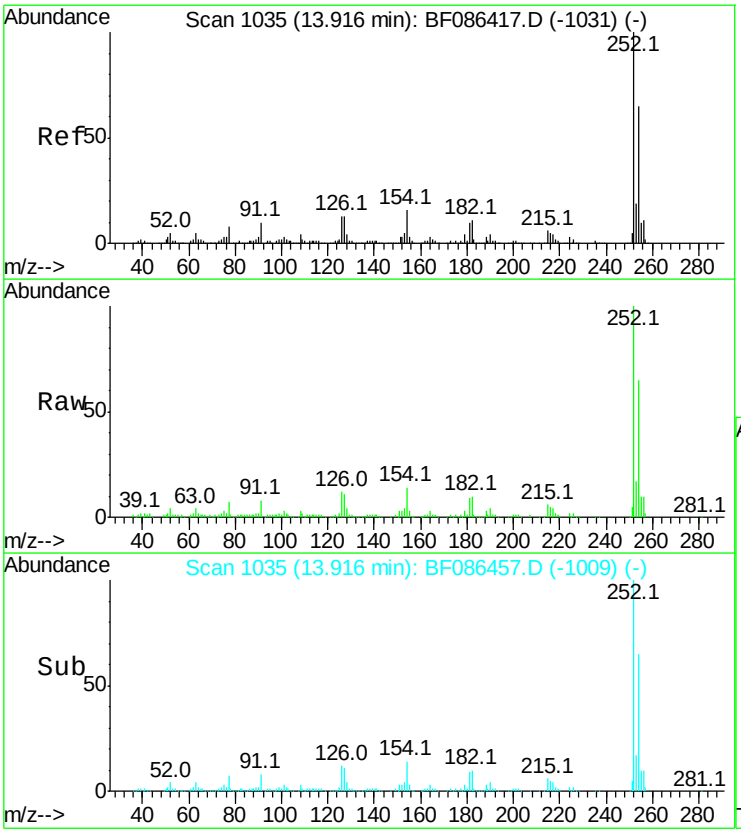
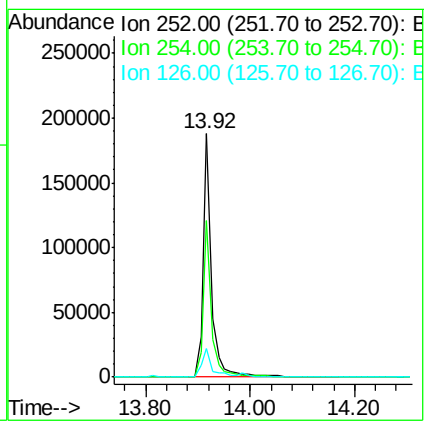
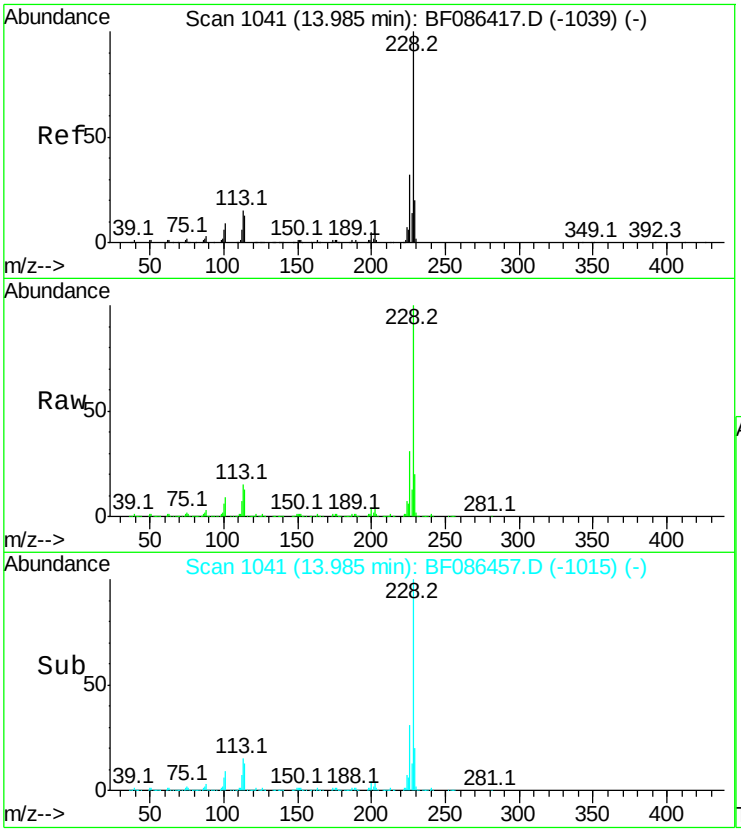


#81
3,3'-Dichlorobenzidine
Concen: 22.34 ng
RT: 13.92 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:252 Resp: 213585

Ion	Ratio	Lower	Upper
252	100		
254	64.6	50.7	76.1
126	11.7	12.7	19.1#

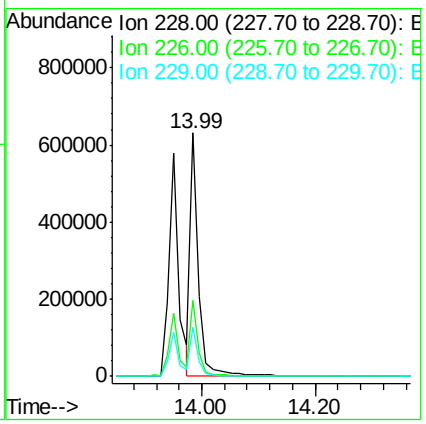




#82
Chrysene
Concen: 41.91 ng
RT: 13.99 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:228 Resp: 651551

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.2	15.8	23.8



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

Manual Integrations APPROVED
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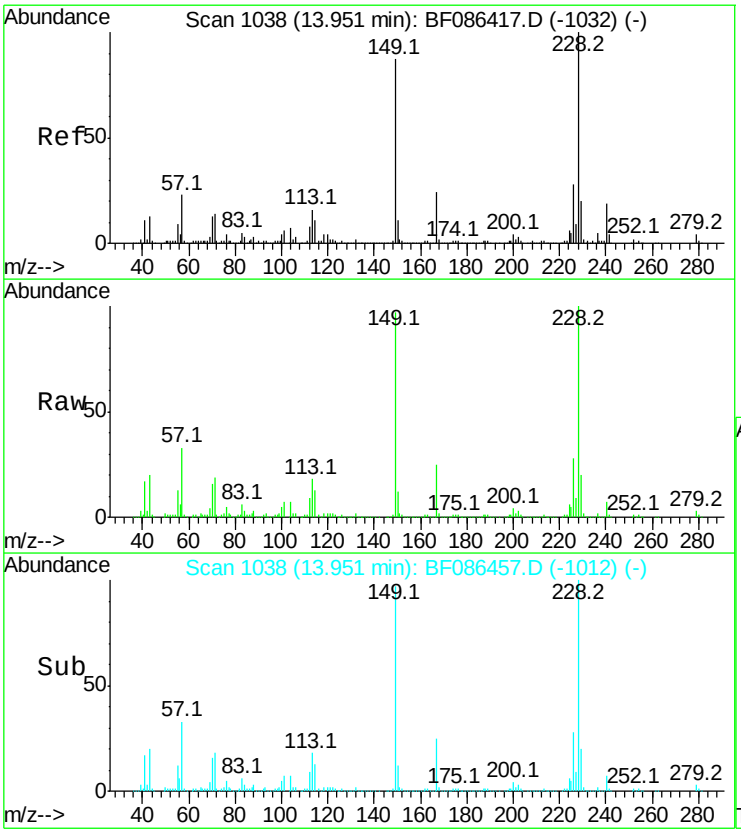
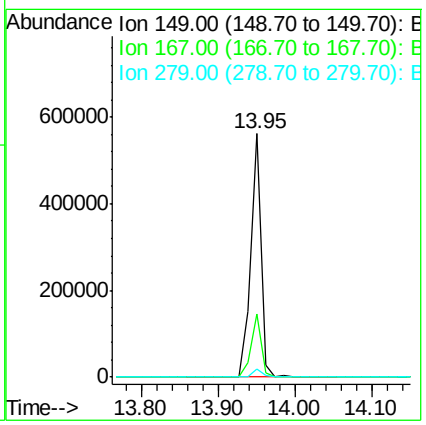
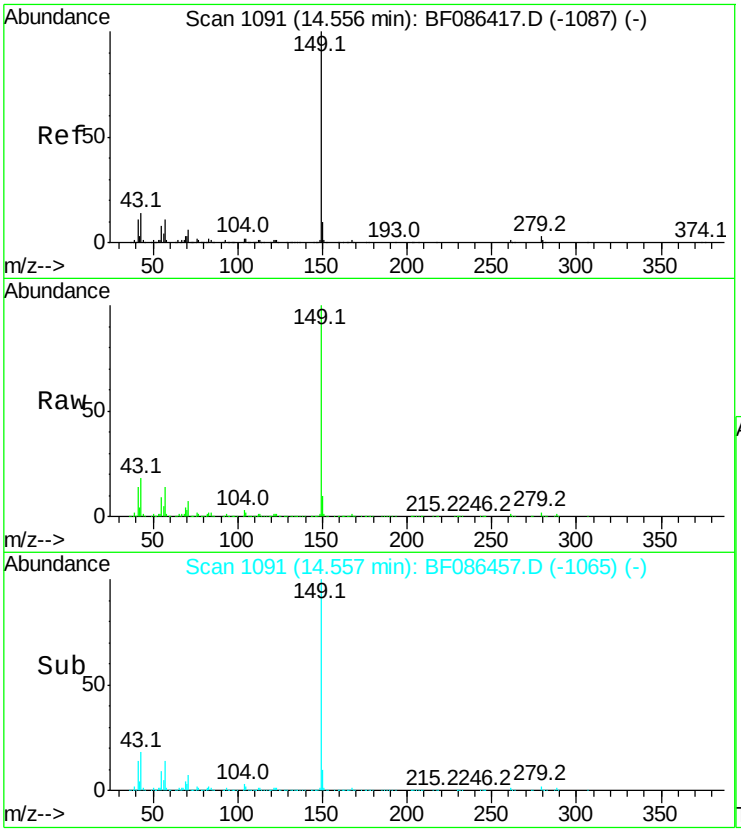


#83
Bis(2-ethylhexyl)phthalate
Concen: 49.74 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:149 Resp: 516841

Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.8	32.6
279	3.3	2.6	4.0

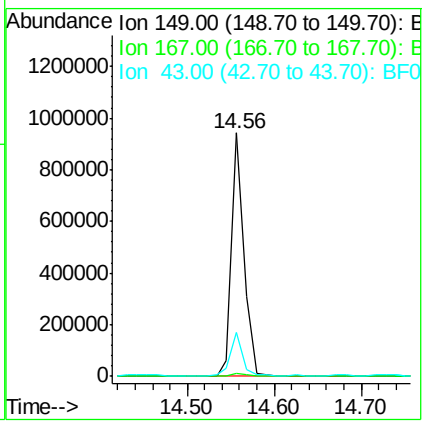




#84
Di-n-octyl phthalate
Concen: 56.32 ng
RT: 14.56 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:149 Resp: 916508

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	16.7	8.2	12.4#



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

Manual Integrations APPROVED
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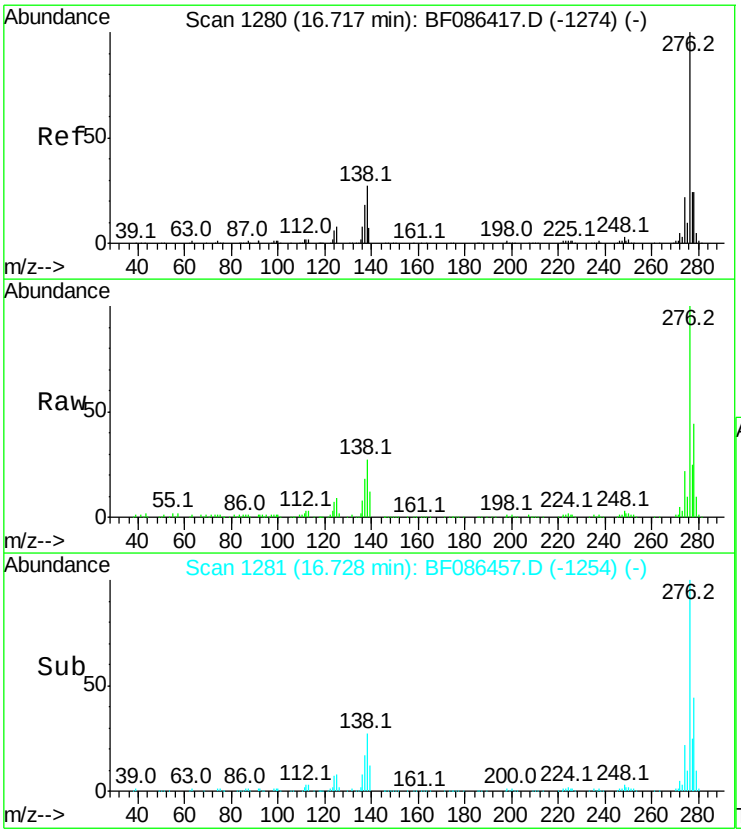
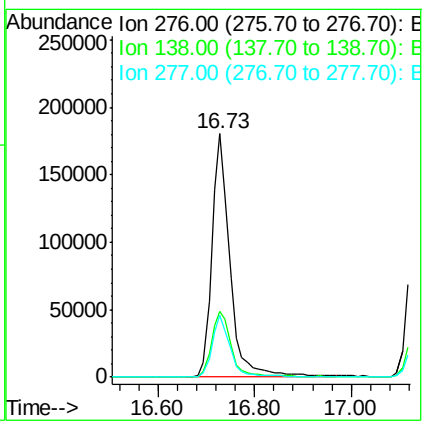
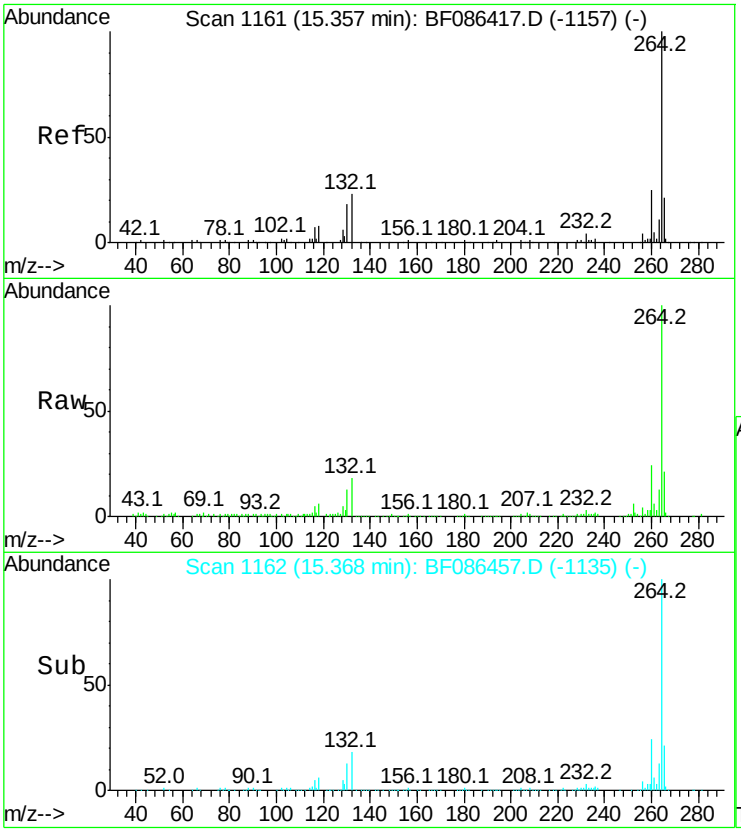


#85
Indeno(1,2,3-cd)pyrene
Concen: 41.33 ng
RT: 16.73 min Scan# 1281
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:276 Resp: 476015

Ion	Ratio	Lower	Upper
276	100		
138	29.7	25.6	38.4
277	25.3	20.5	30.7





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

Tgt Ion:264 Resp: 198677

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.3	17.3	25.9

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

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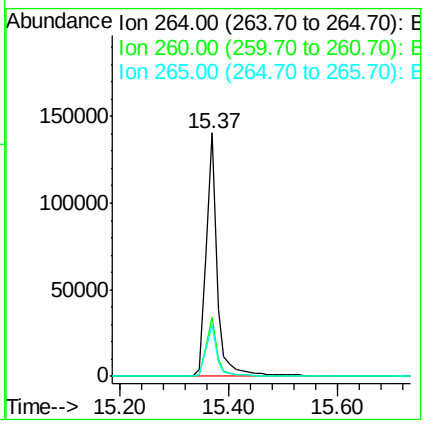
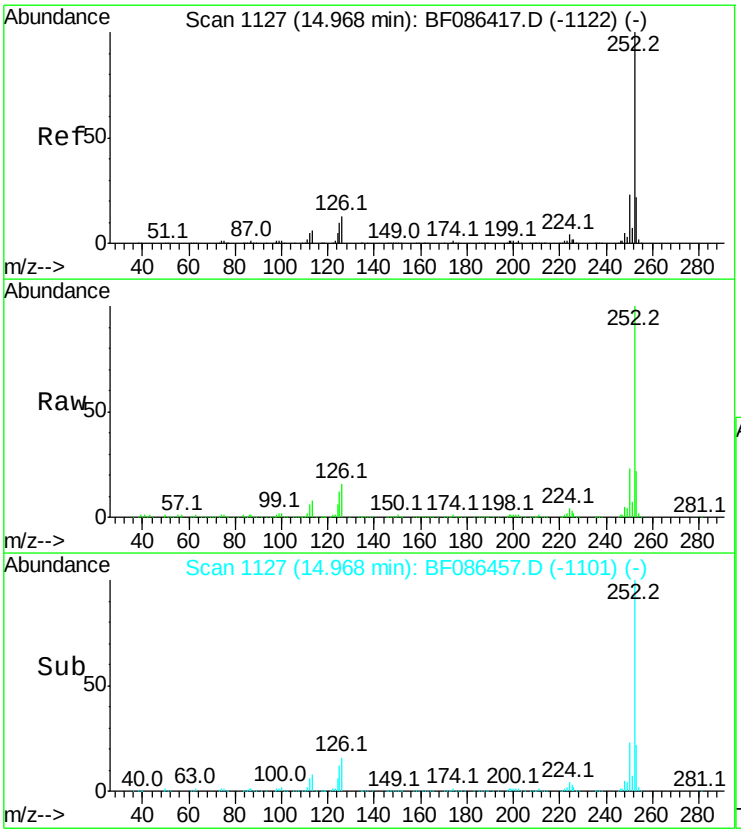
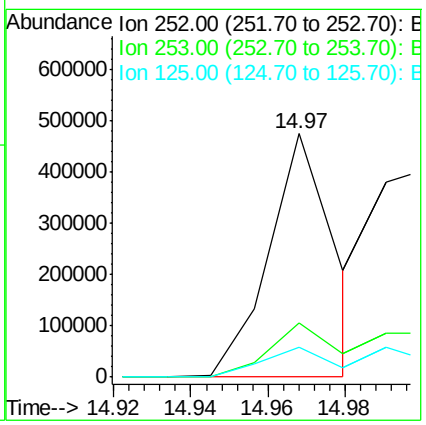


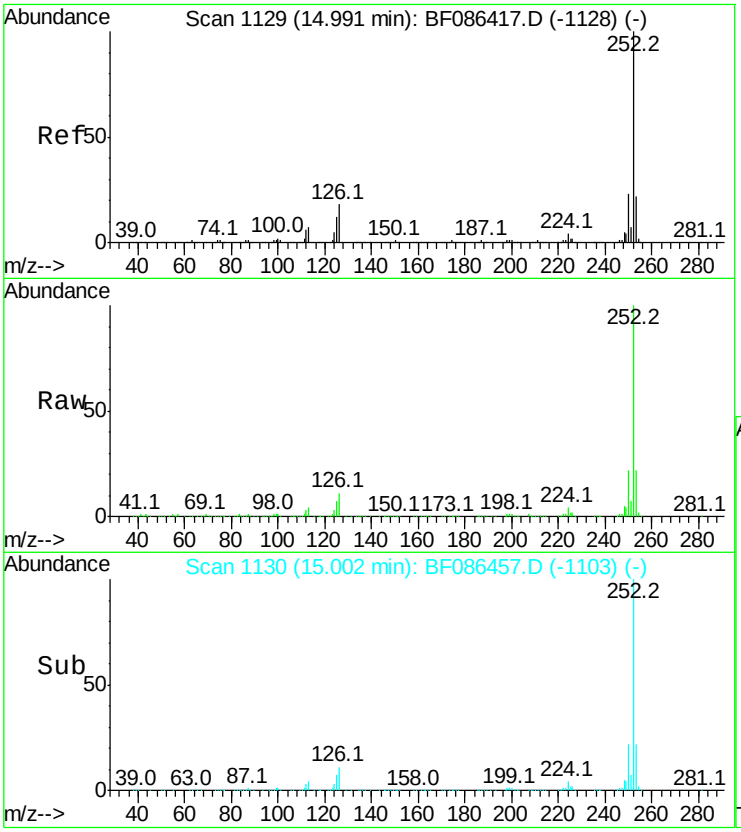


#87
Benzo(b)fluoranthene
Concen: 48.05 ng m
RT: 14.97 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:252 Resp: 561567

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.2	11.4	17.0





#88
Benzo(k)fluoranthene
Concen: 53.16 ng m
RT: 15.00 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:252 Resp: 648095

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	7.3	9.1	13.7#

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

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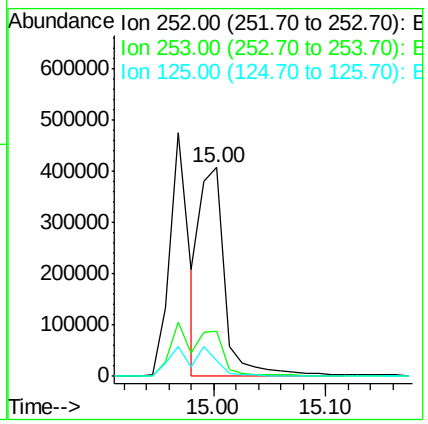
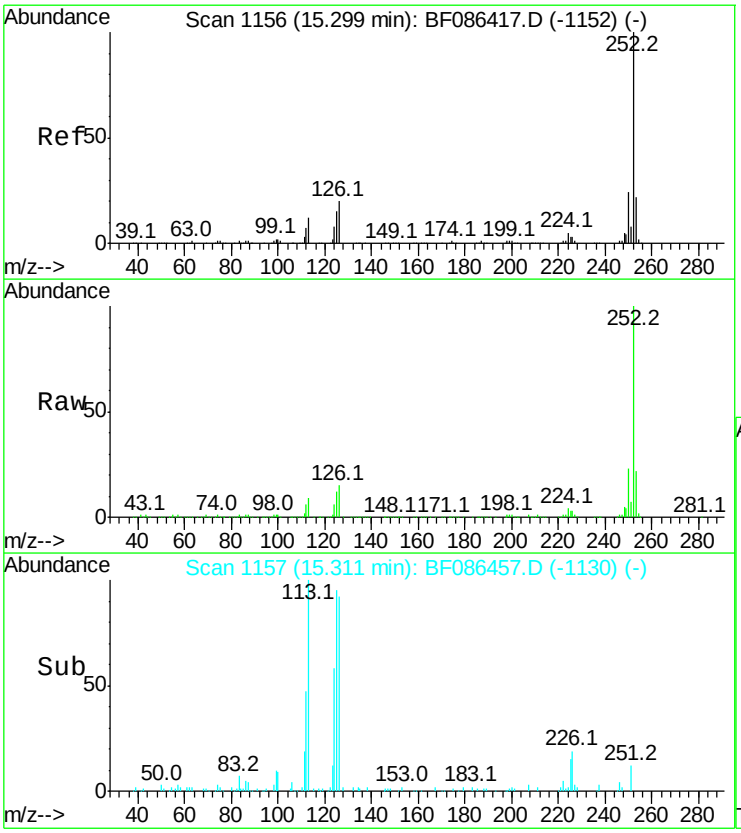
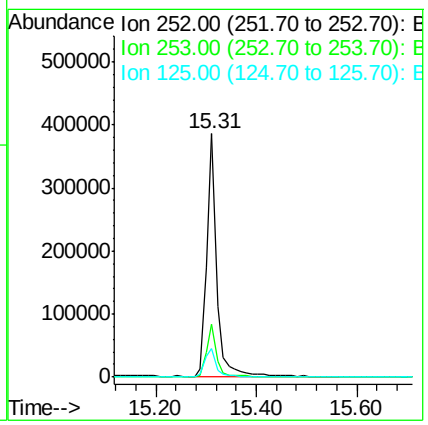


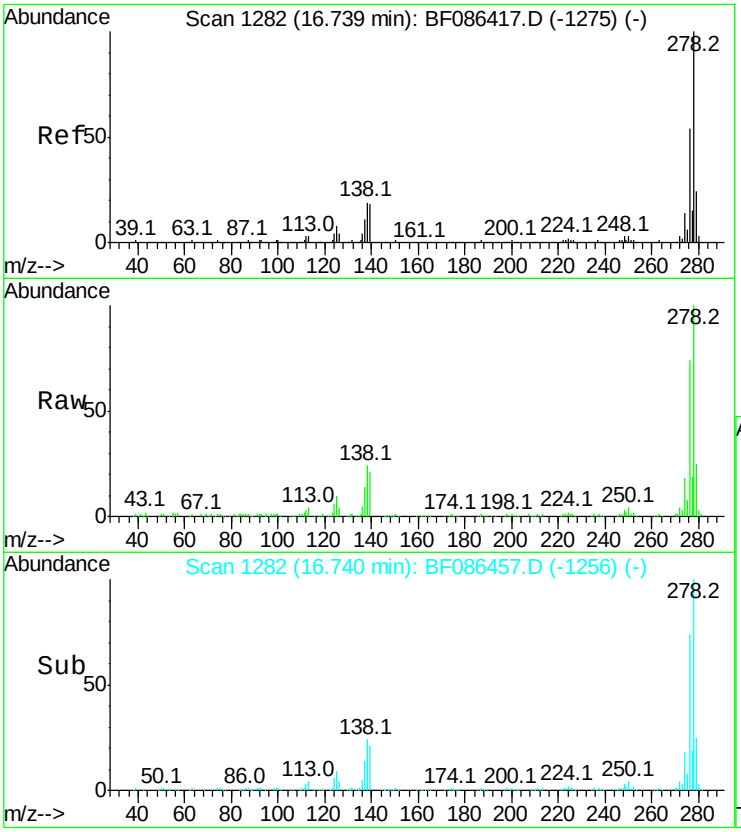


#89
Benzo(a)pyrene
Concen: 48.02 ng
RT: 15.31 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:252 Resp: 529908

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	11.8	9.0	13.6





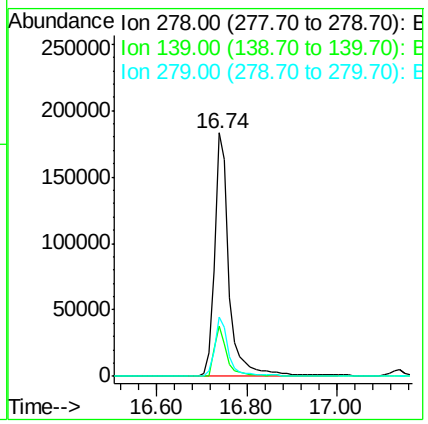
#90
Dibenzo(a,h)anthracene
Concen: 45.68 ng
RT: 16.74 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

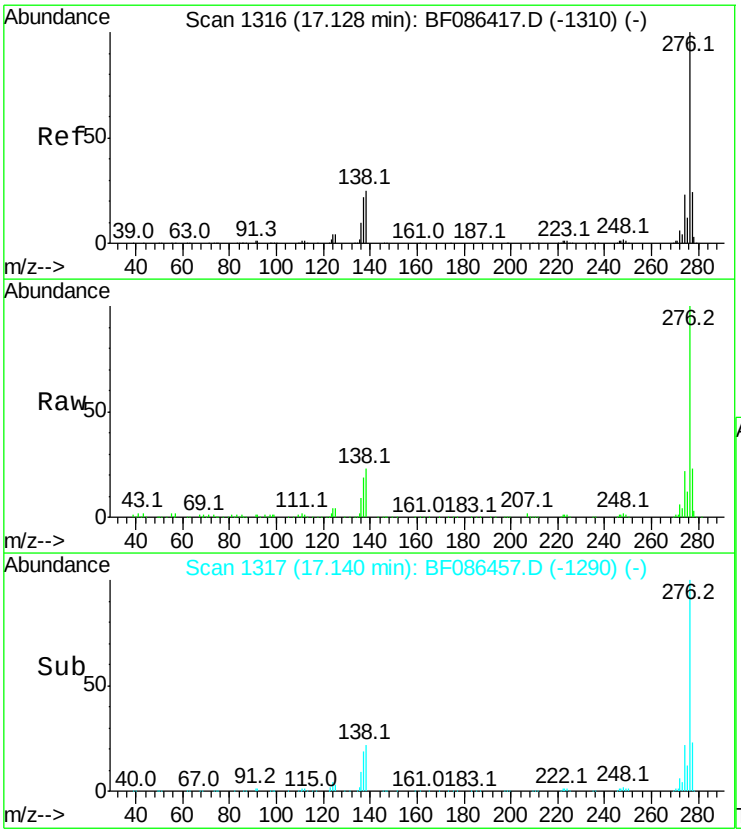
Tgt Ion:278 Resp: 412467

Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.6	24.8
279	24.5	19.6	29.4

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

Manual Integrations APPROVED
sohil
4/28/2016 1:40:20 PM





#91
Benzo(g,h,i)perylene
Concen: 42.25 ng
RT: 17.14 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF086457.D
Acq: 28 Apr 2016 7:08

Tgt Ion:276 Resp: 382320

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.6	29.4
138	22.7	23.6	35.4#