Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086849.D
Acq On : 10 May 2016 4:45
Operator : UM/SJ
Sample : H2707-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

Quant Time: May 10 07:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	164481	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	665480	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	316098	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	547807	20.00	ng		0.00
75) Chrysene-d12	13.84	240	297786	20.00	ng		0.00
86) Perylene-d12	15.21	264	313676	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1372377	141.30	ng		0.01
7) Phenol-d6	6.36	99	1769317	136.31	ng		0.00
23) Nitrobenzene-d5	7.26	82	1296376	97.82	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	411520	122.97	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1646673	87.55	ng		0.00
78) Terphenyl-d14	12.79	244	1321338	94.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	179662	37.68	ng	#	69
3) Pyridine	2.93	79	483154	41.45	ng	#	62
4) n-Nitrosodimethylamine	2.90	42	425893	50.38	ng	#	51
6) Aniline	6.37	93	242868	15.47	ng	#	1
8) 2-Chlorophenol	6.49	128	561769	47.94	ng		93
9) Benzaldehyde	6.24	77	95133	12.66	ng		93
10) Phenol	6.37	94	637036	41.29	ng	#	66
11) bis(2-Chloroethyl)ether	6.44	93	596715	49.60	ng		88
12) 1,3-Dichlorobenzene	6.62	146	559722	44.13	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	559900	43.29	ng	#	91
14) 1,2-Dichlorobenzene	6.86	146	537816	47.71	ng		99
15) Benzyl Alcohol	6.85	79	444480	49.59	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1107126	42.33	ng		55
17) 2-Methylphenol	6.98	107	466996	50.08	ng	#	82
18) Hexachloroethane	7.20	117	214858	44.15	ng		94
19) n-Nitroso-di-n-propylamine	7.13	70	471428	51.97	ng	#	72
20) 3+4-Methylphenols	7.14	107	621920	51.06	ng	#	58
22) Acetophenone	7.12	105	811219	51.61	ng	#	99
24) Nitrobenzene	7.29	77	665313	48.80	ng		98
25) Isophorone	7.53	82	1177070	47.87	ng		99
26) 2-Nitrophenol	7.61	139	318643	53.17	ng		97
27) 2,4-Dimethylphenol	7.65	122	448205	43.91	ng		88
28) bis(2-Chloroethoxy)methane	7.74	93	744695	56.14	ng		98
29) 2,4-Dichlorophenol	7.86	162	461258	51.33	ng		93
30) 1,2,4-Trichlorobenzene	7.93	180	502024	49.97	ng		100
31) Naphthalene	8.01	128	1613051	48.39	ng		100
32) Benzoic acid	7.79	122	137578	22.95	ng	#	85
33) 4-Chloroaniline	8.06	127	144248	11.14	ng	#	93
34) Hexachlorobutadiene	8.12	225	277633	47.63	ng		99
35) Caprolactam	8.45	113	142354m	46.57	ng		
36) 4-Chloro-3-methylphenol	8.57	107	501533	46.03	ng		91
37) 2-Methylnaphthalene	8.69	142	1014715	52.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	436143	47.46	ng		99
40) Hexachlorocyclopentadiene	8.84	237	234645	53.79	ng		96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086849.D
Acq On : 10 May 2016 4:45
Operator : UM/SJ
Sample : H2707-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

Quant Time: May 10 07:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	295515	48.09	ng		95
43) 2,4,5-Trichlorophenol	9.04	196	315573	49.65	ng		96
45) 1,1'-Biphenyl	9.16	154	1290822	51.34	ng		97
46) 2-Chloronaphthalene	9.18	162	984484	49.98	ng		96
47) 2-Nitroaniline	9.29	65	338433	47.01	ng	#	75
48) Acenaphthylene	9.60	152	1440936	49.73	ng		99
49) Dimethylphthalate	9.47	163	1229599	50.99	ng		99
50) 2,6-Dinitrotoluene	9.54	165	262948	51.81	ng	#	63
51) Acenaphthene	9.77	154	934331	51.84	ng		98
52) 3-Nitroaniline	9.70	138	124035	23.21	ng	#	74
53) 2,4-Dinitrophenol	9.81	184	156895	62.37	ng		92
54) Dibenzofuran	9.94	168	1234859	53.37	ng		95
55) 4-Nitrophenol	9.89	139	312220	87.20	ng	#	49
56) 2,4-Dinitrotoluene	9.94	165	331448	52.77	ng	#	89
57) Fluorene	10.28	166	1023721	51.88	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	262318	54.82	ng		98
59) Diethylphthalate	10.17	149	1102819	46.93	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	402924	47.62	ng		99
61) 4-Nitroaniline	10.32	138	231998	45.21	ng	#	68
62) Azobenzene	10.43	77	1265345	49.91	ng		87
64) 4,6-Dinitro-2-methylphenol	10.35	198	127876	37.58	ng		83
65) n-Nitrosodiphenylamine	10.40	169	803060	47.72	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	292522	52.67	ng	#	86
67) Hexachlorobenzene	10.82	284	292697	45.09	ng	#	70
68) Atrazine	10.93	200	314919	56.02	ng		95
69) Pentachlorophenol	11.02	266	297486	99.17	ng		98
70) Phenanthrene	11.23	178	1261686	43.16	ng		99
71) Anthracene	11.29	178	1479082	49.47	ng		99
72) Carbazole	11.45	167	1245933	48.48	ng		98
73) Di-n-butylphthalate	11.78	149	1557755	49.63	ng	#	98
74) Fluoranthene	12.41	202	1223168	40.68	ng		100
76) Benzidine	12.55	184	87565	11.53	ng		97
77) Pyrene	12.64	202	1107119	48.56	ng		100
79) Butylbenzylphthalate	13.27	149	542148	56.22	ng	#	73
80) Benzo(a)anthracene	13.83	228	792116	47.38	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	197840	18.63	ng		98
82) Chrysene	13.86	228	823238	48.41	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	702546	60.57	ng		97
84) Di-n-octyl phthalate	14.43	149	1064980	55.43	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.51	276	930424	65.76	ng		96
87) Benzo(b)fluoranthene	14.83	252	919070m	45.08	ng		
88) Benzo(k)fluoranthene	14.85	252	723824m	43.36	ng		
89) Benzo(a)pyrene	15.15	252	832920	47.37	ng	#	97
90) Dibenzo(a,h)anthracene	16.51	278	788193	53.19	ng		98
91) Benzo(g,h,i)perylene	16.89	276	757619	50.31	ng		95

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

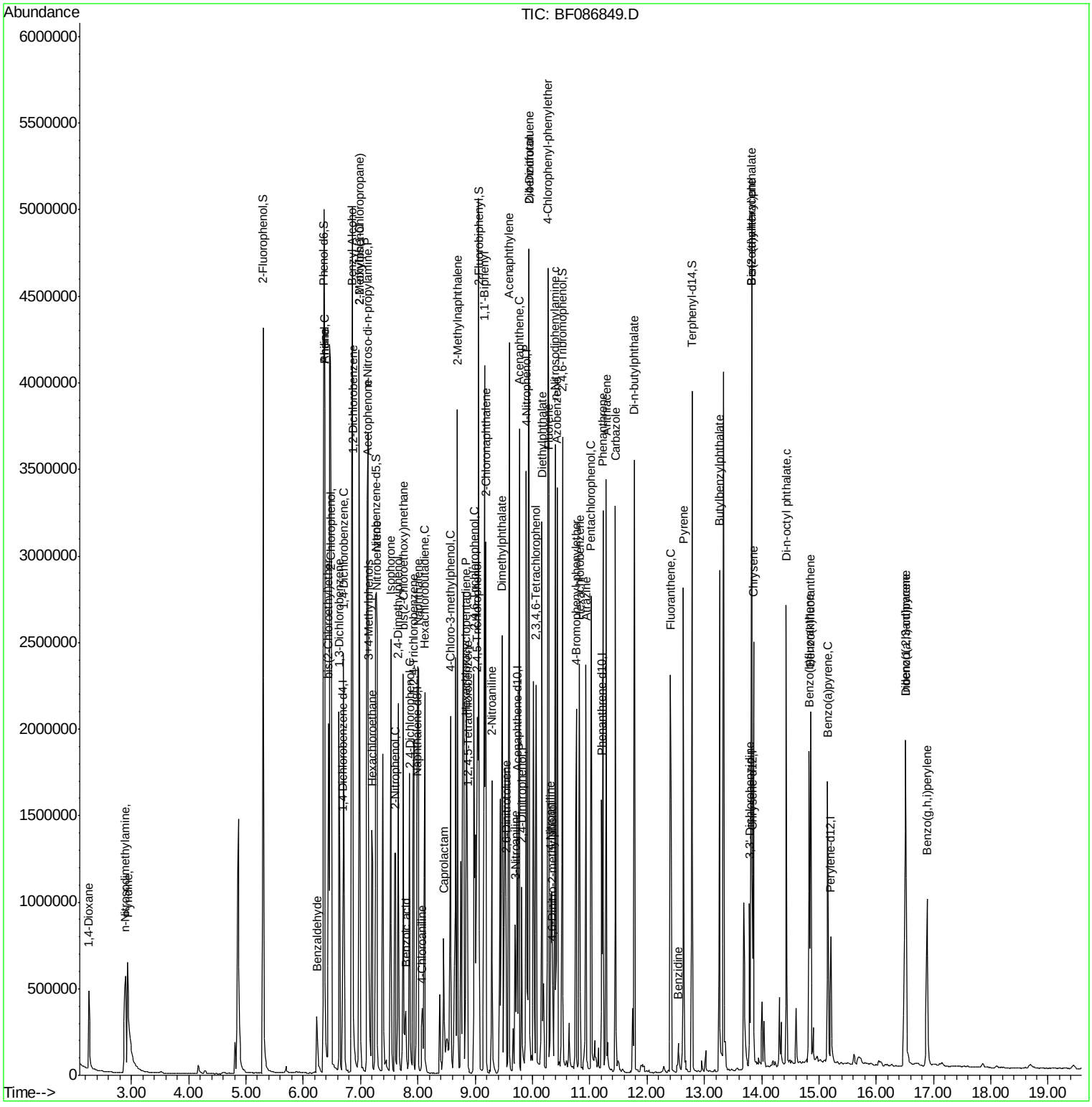
Quantitation Report (QT Reviewed)

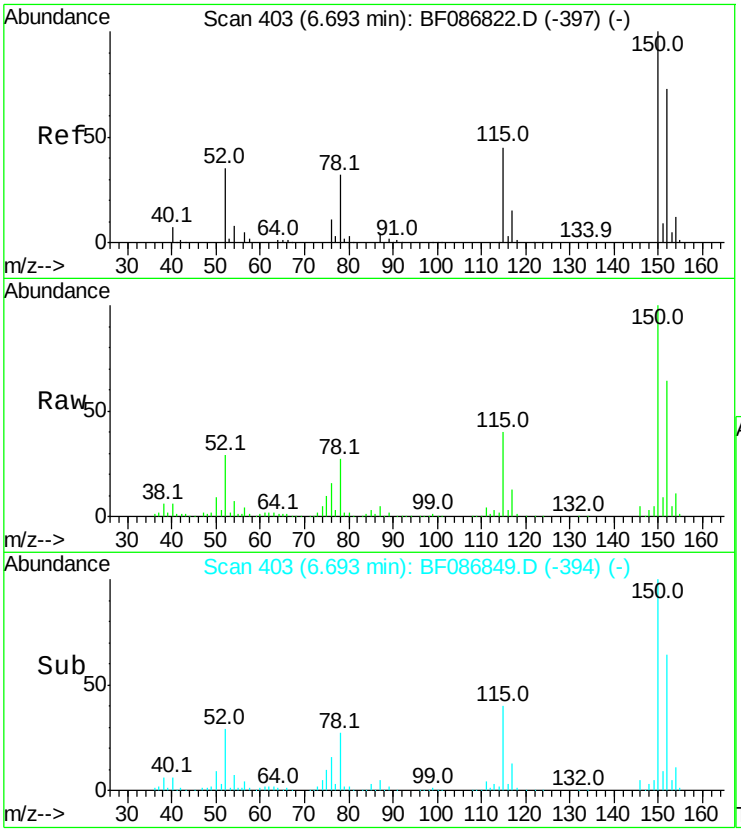
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086849.D
Acq On : 10 May 2016 4:45
Operator : UM/SJ
Sample : H2707-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 10 07:20:13 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

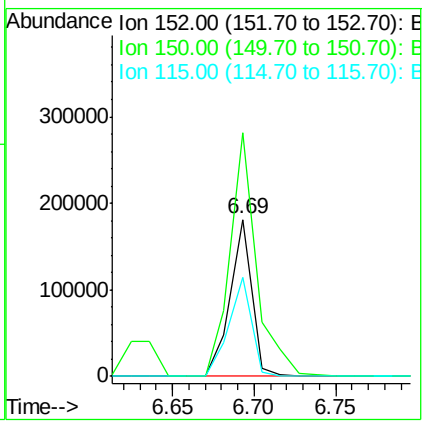




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

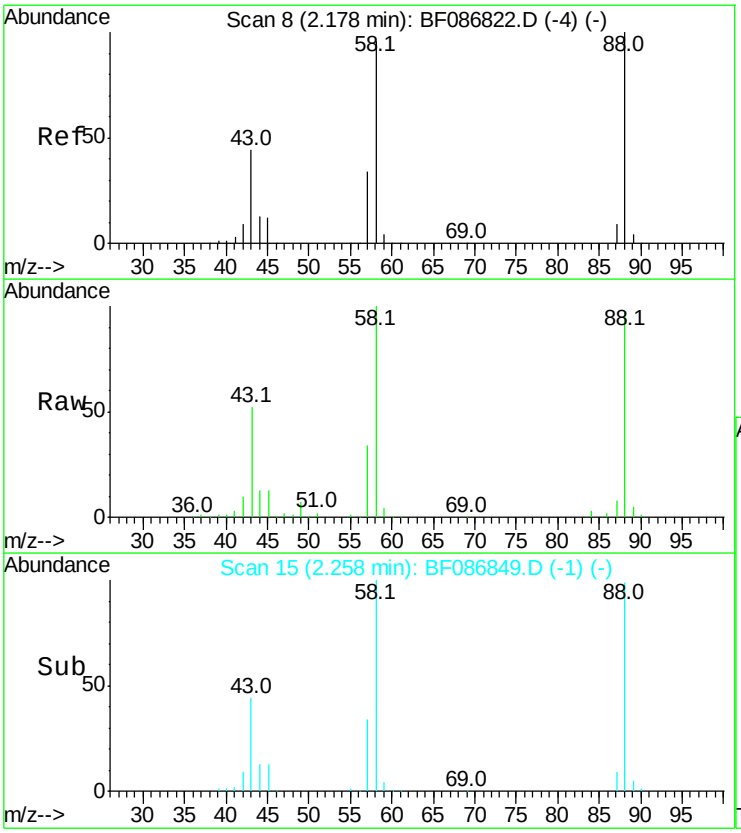
Tgt Ion:152 Resp: 164481

Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.8	188.6
115	62.8	51.5	77.3



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

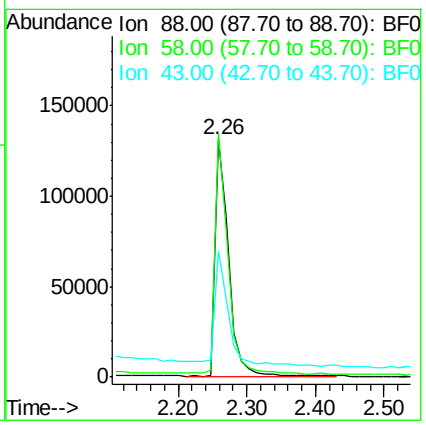
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

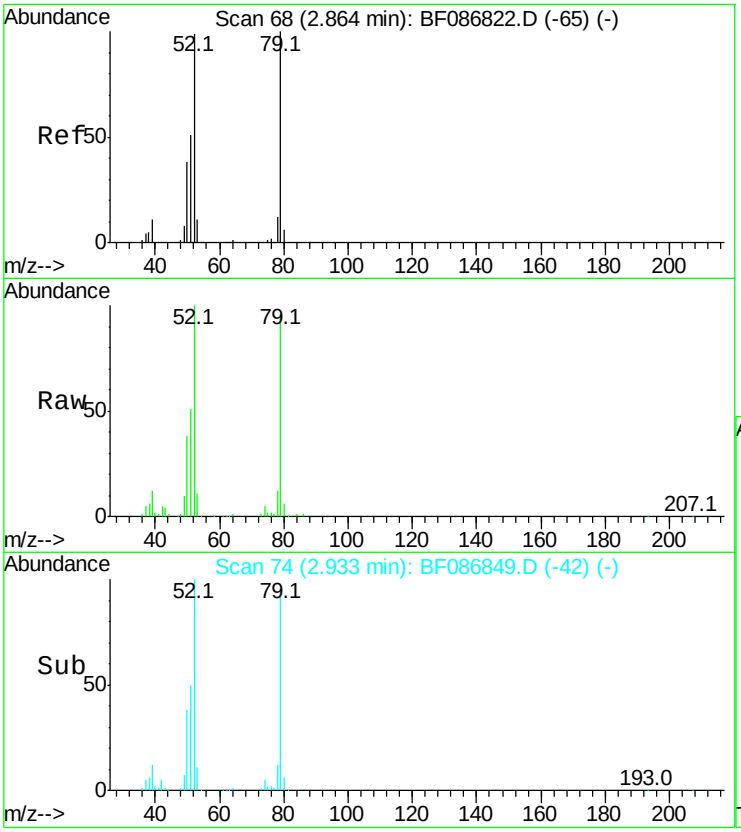


#2
1,4-Dioxane
Concen: 37.68 ng
RT: 2.26 min Scan# 15
Delta R.T. 0.08 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 88 Resp: 179662

Ion	Ratio	Lower	Upper
88	100		
58	97.8	59.6	89.4#
43	48.6	21.8	32.6#





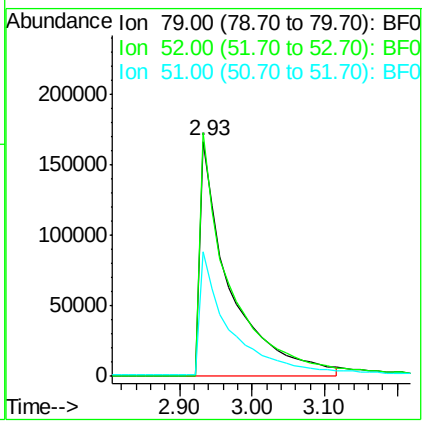
#3
Pyridine
Concen: 41.45 ng
RT: 2.93 min Scan# 74
Delta R.T. 0.07 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

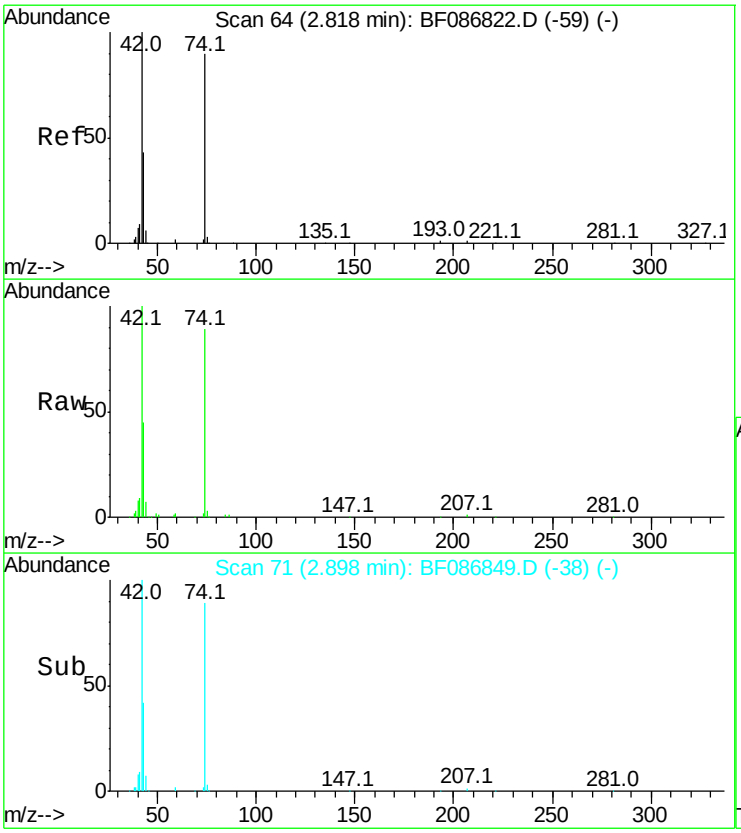
Tgt Ion: 79 Resp: 483154

Ion	Ratio	Lower	Upper
79	100		
52	103.7	55.9	83.9#
51	53.1	28.1	42.1#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

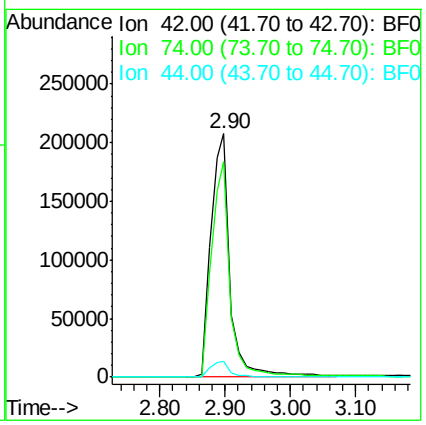


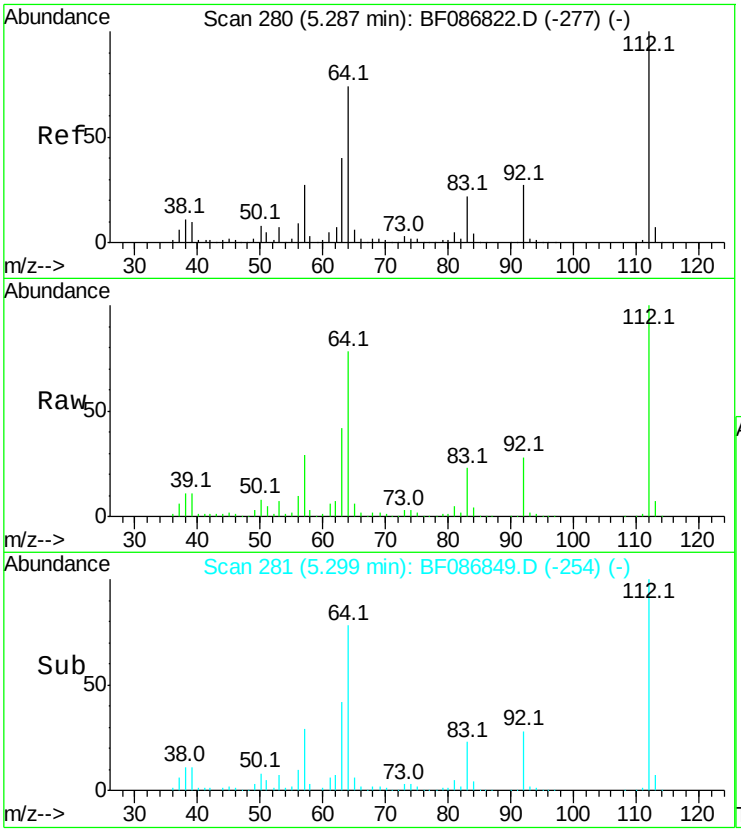


#4
n-Nitrosodimethylamine
Concen: 50.38 ng
RT: 2.90 min Scan# 71
Delta R.T. 0.08 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 42 Resp: 425893

Ion	Ratio	Lower	Upper
42	100		
74	88.5	123.4	185.0#
44	6.6	5.8	8.6





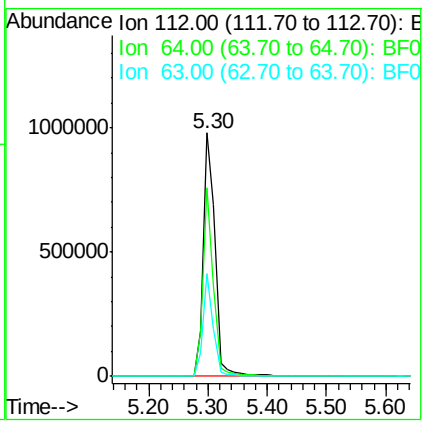
#5
2-Fluorophenol
Concen: 141.30 ng
RT: 5.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

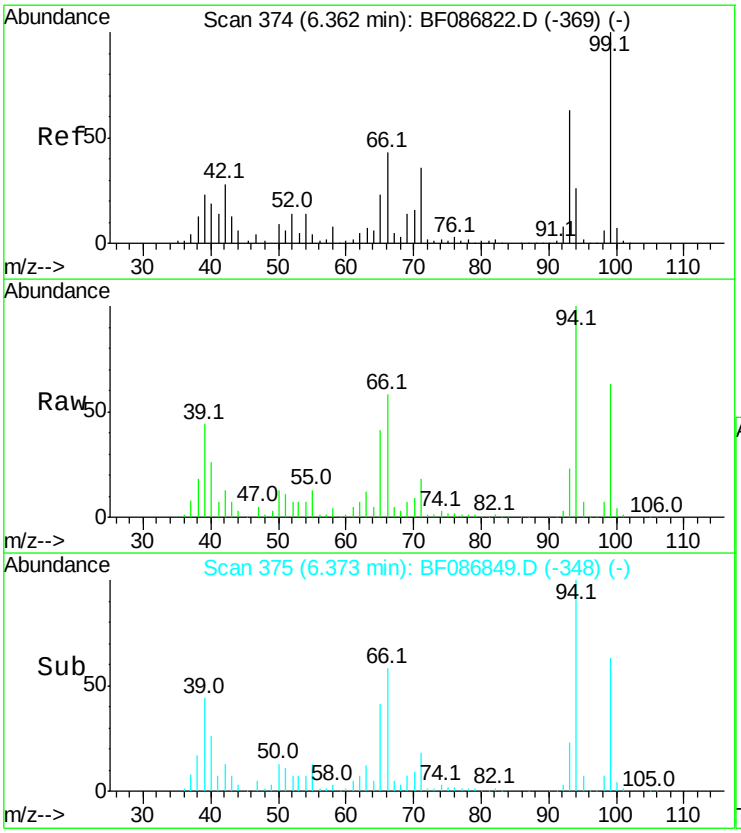
Tgt Ion:112 Resp: 1372377

Ion	Ratio	Lower	Upper
112	100		
64	77.6	52.1	78.1
63	42.3	25.7	38.5#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

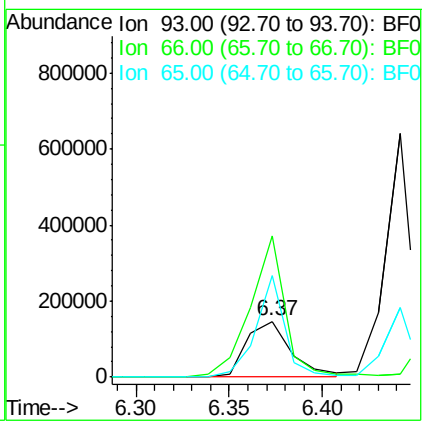


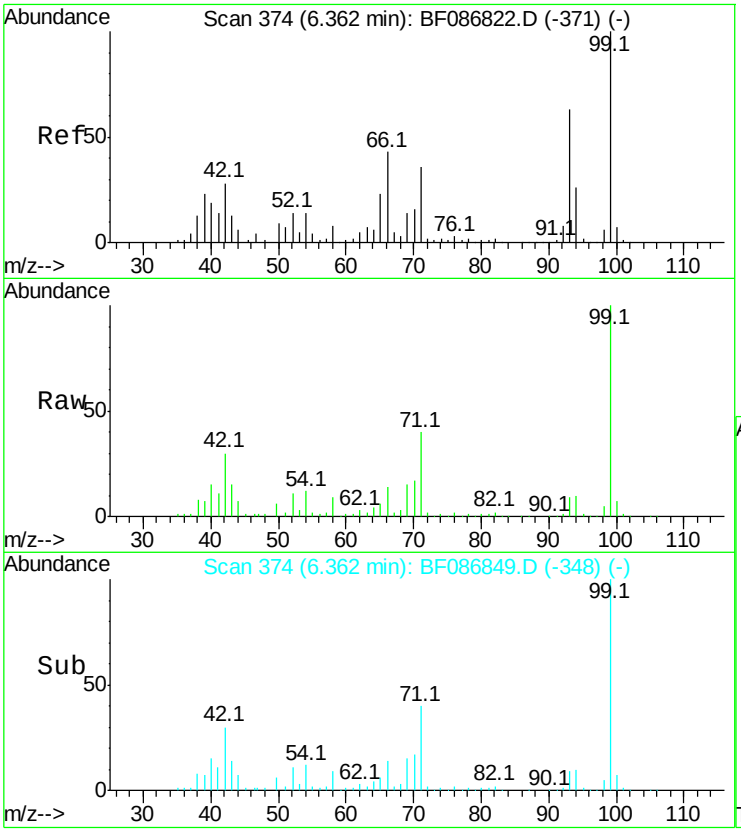


#6
Aniline
Concen: 15.47 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 93 Resp: 242868

Ion	Ratio	Lower	Upper
93	100		
66	254.1	39.0	58.6#
65	182.0	20.6	31.0#





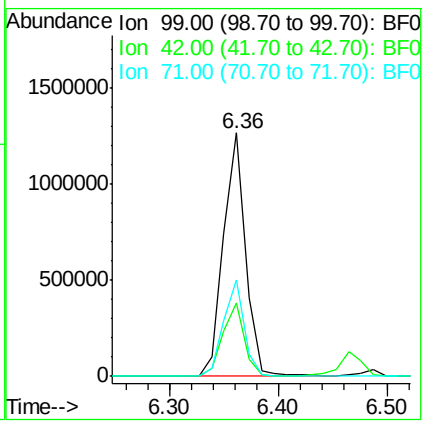
#7
Phenol-d6
Concen: 136.31 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

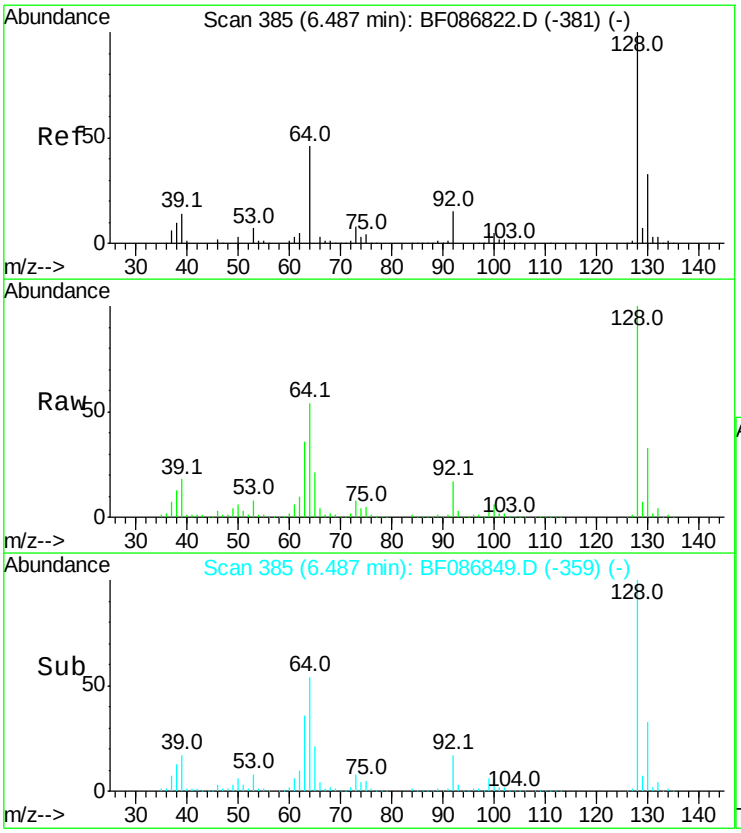
Tgt Ion: 99 Resp: 1769317

Ion	Ratio	Lower	Upper
99	100		
42	30.1	13.6	20.4#
71	39.5	24.6	36.8#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

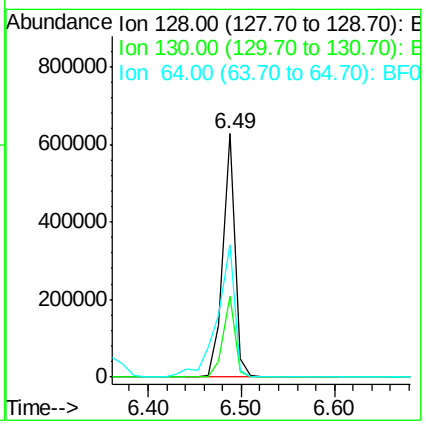


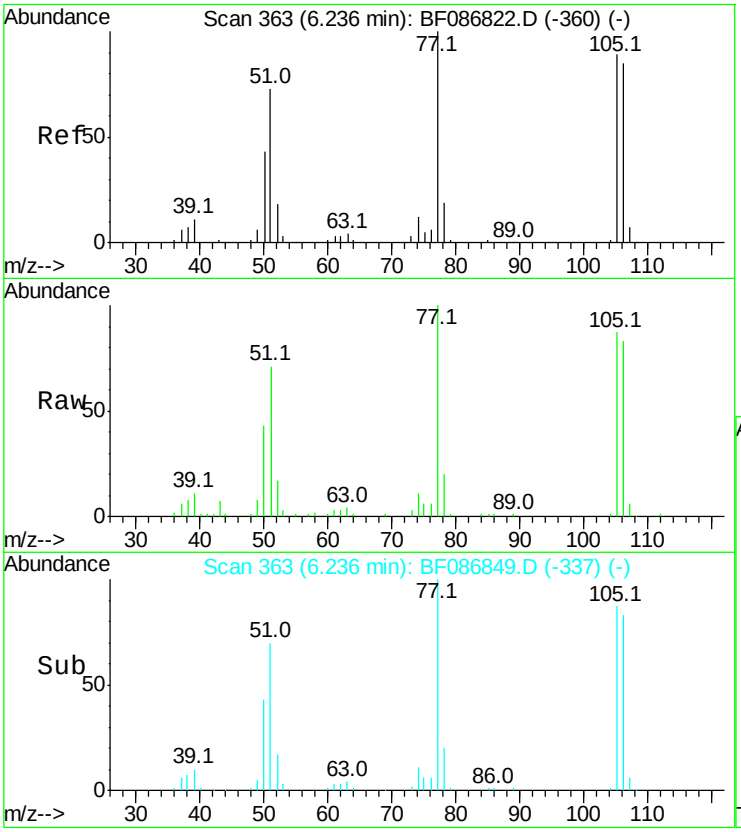


#8
2-Chlorophenol
Concen: 47.94 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:128 Resp: 561769

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.5	52.5
64	54.3	27.3	67.3

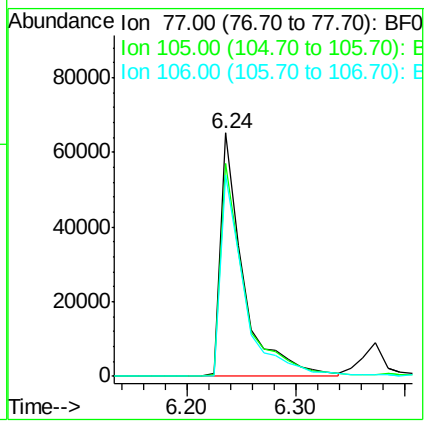




#9
Benzaldehyde
Concen: 12.66 ng
RT: 6.24 min Scan# 363
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

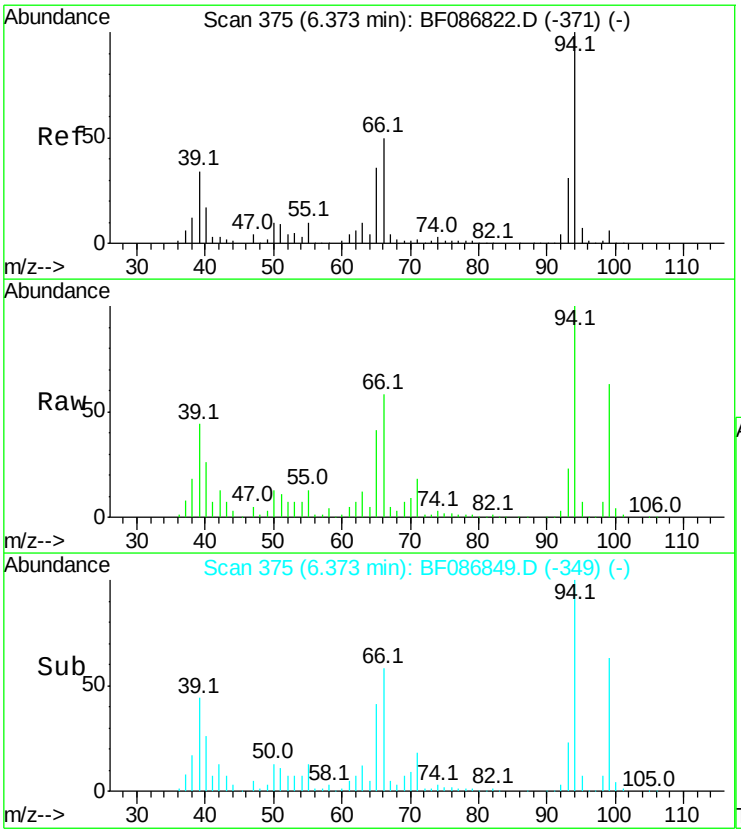
Tgt Ion: 77 Resp: 95133

Ion	Ratio	Lower	Upper
77	100		
105	87.4	72.7	112.7
106	82.8	70.8	110.8



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

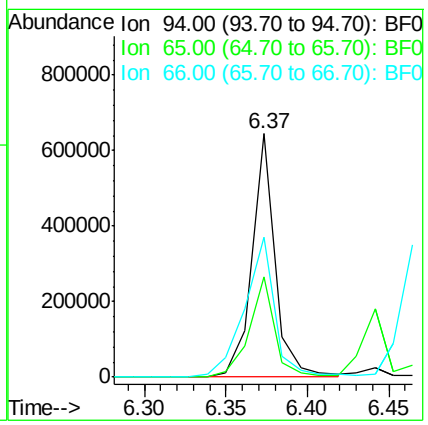
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

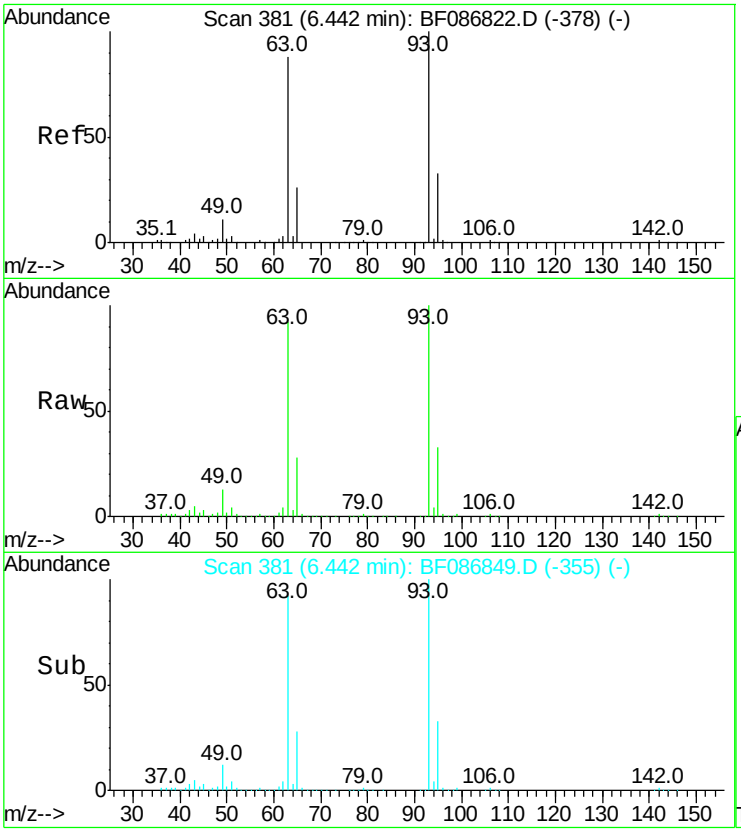


#10
Phenol
Concen: 41.29 ng
RT: 6.37 min Scan# 375
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 94 Resp: 637036

Ion	Ratio	Lower	Upper
94	100		
65	41.3	7.2	47.2
66	57.7	14.9	54.9#

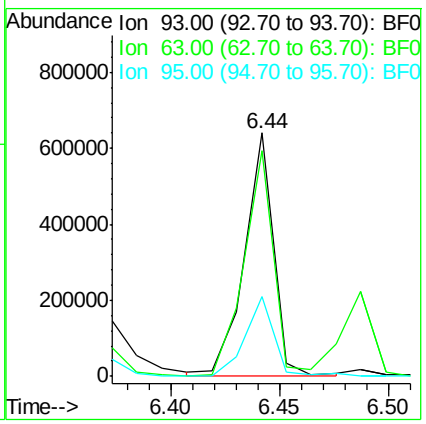




#11
bis(2-Chloroethyl)ether
Concen: 49.60 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

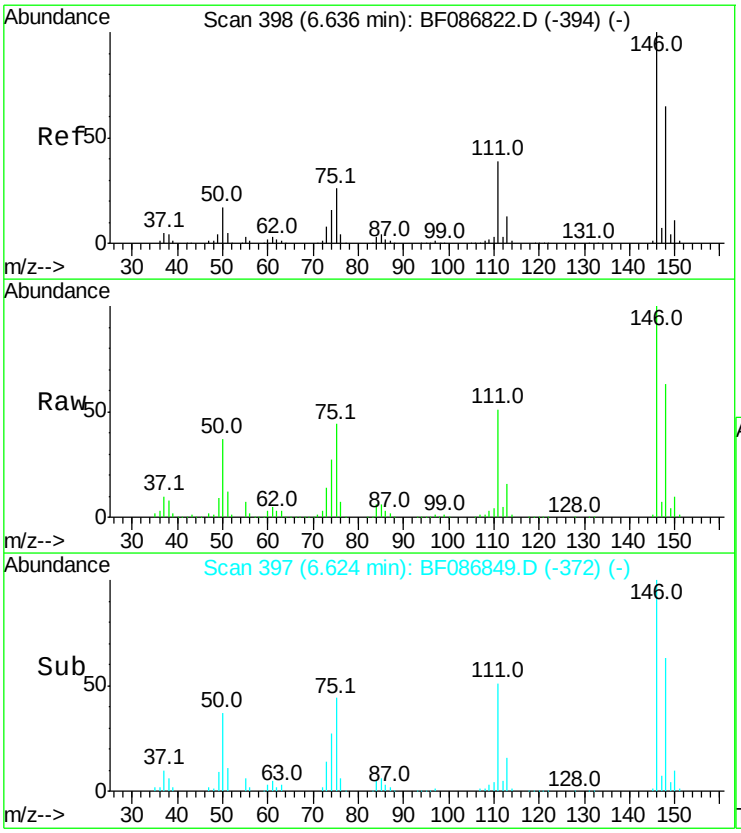
Tgt Ion: 93 Resp: 596715

Ion	Ratio	Lower	Upper
93	100		
63	92.5	58.0	98.0
95	32.8	11.9	51.9



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

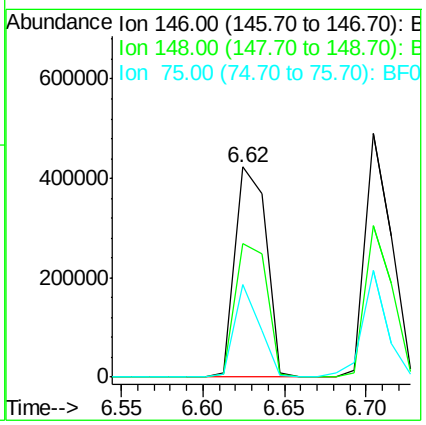
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

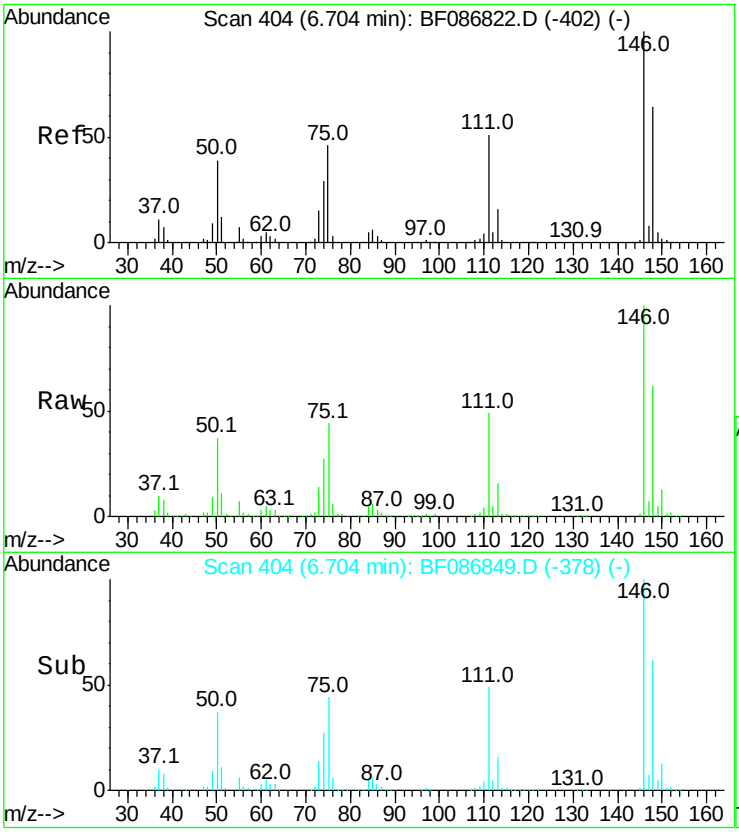


#12
1,3-Dichlorobenzene
Concen: 44.13 ng
RT: 6.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:146 Resp: 559722

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.4	78.6
75	44.0	22.8	34.2#

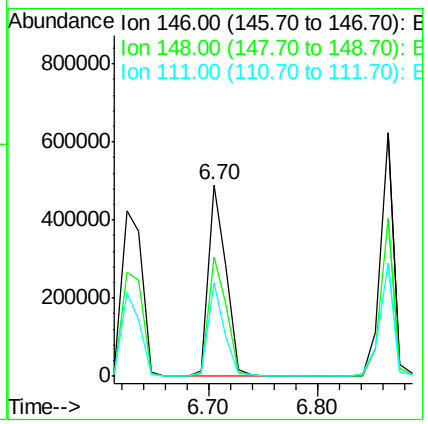




#13
1,4-Dichlorobenzene
Concen: 43.29 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

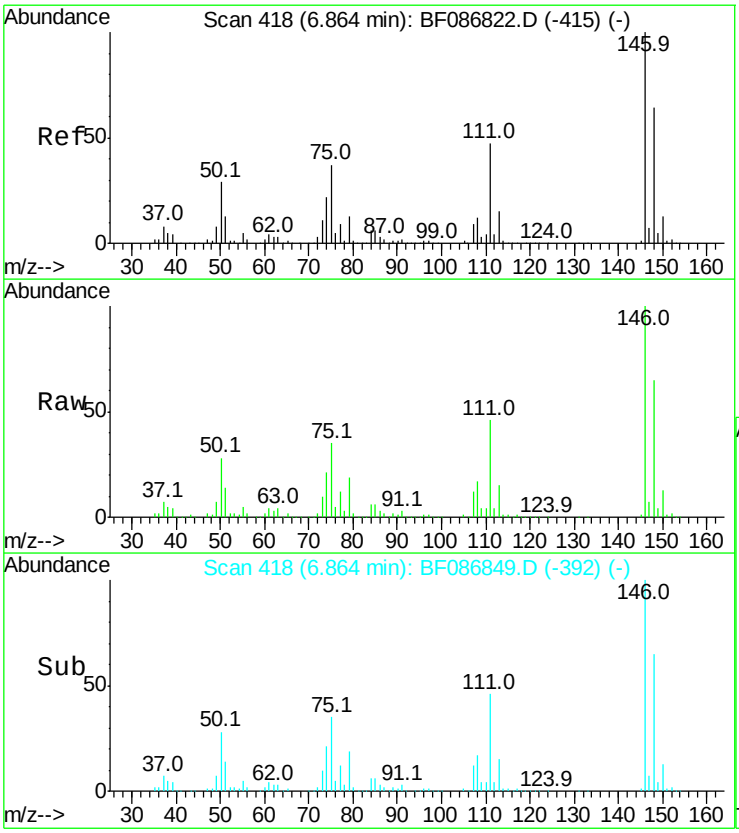
Tgt Ion:146 Resp: 559900

Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.2	78.4
111	48.8	30.7	46.1#



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

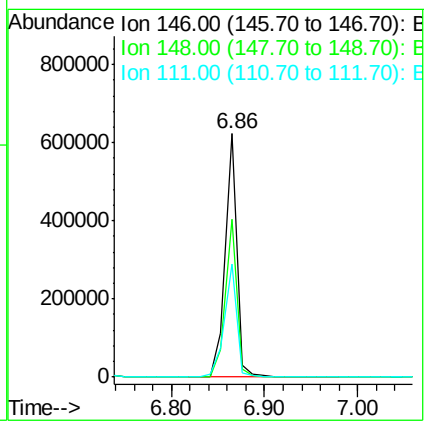
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

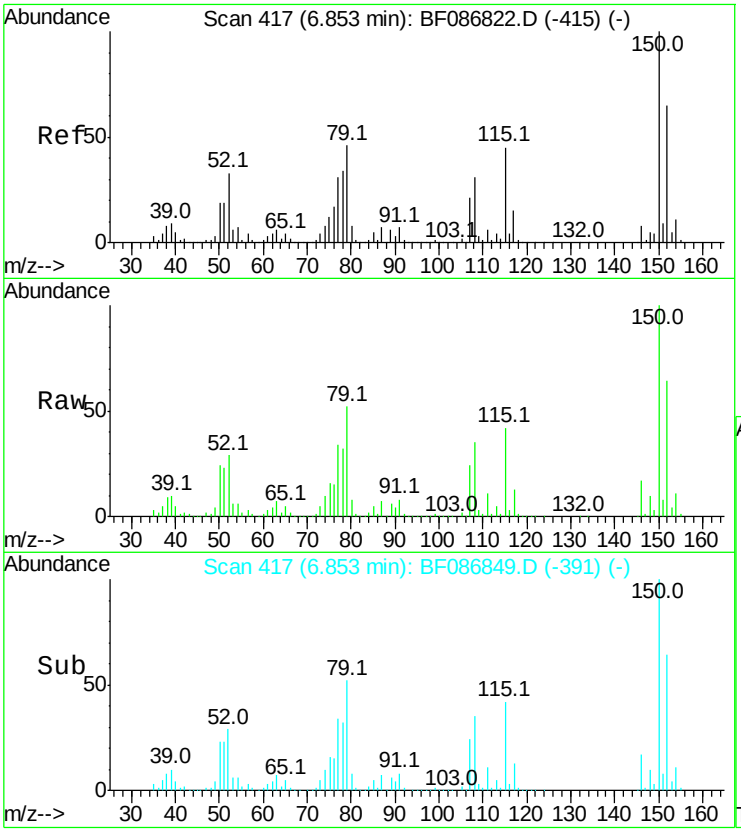


#14
1,2-Dichlorobenzene
Concen: 47.71 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:146 Resp: 537816

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.0	76.6
111	46.3	36.2	54.4





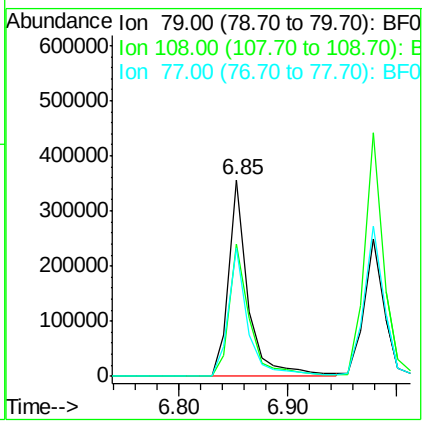
#15
Benzyl Alcohol
Concen: 49.59 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

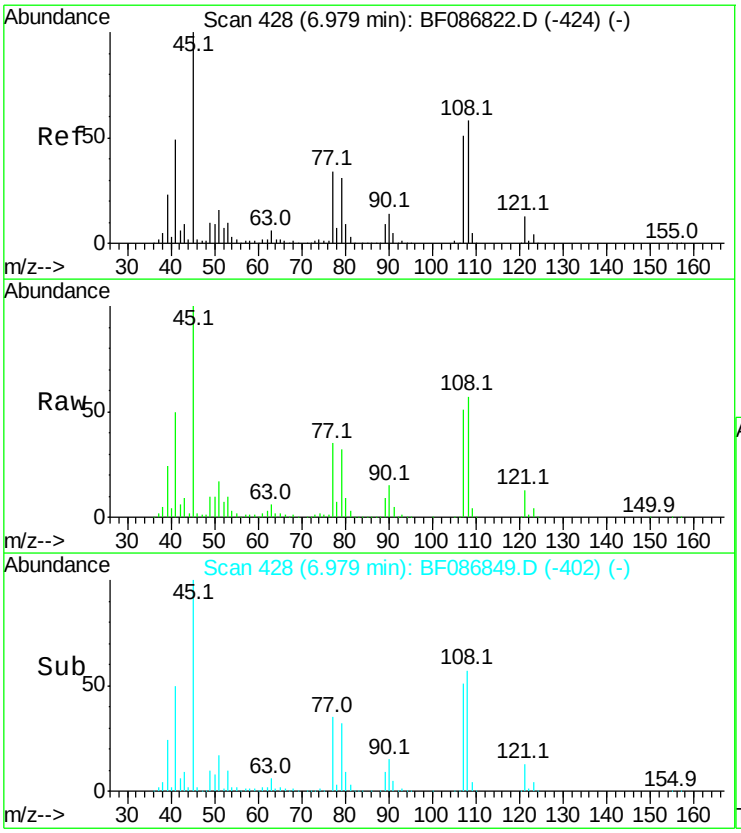
Tgt Ion: 79 Resp: 444480

Ion	Ratio	Lower	Upper
79	100		
108	67.5	68.4	102.6#
77	65.2	50.6	76.0

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

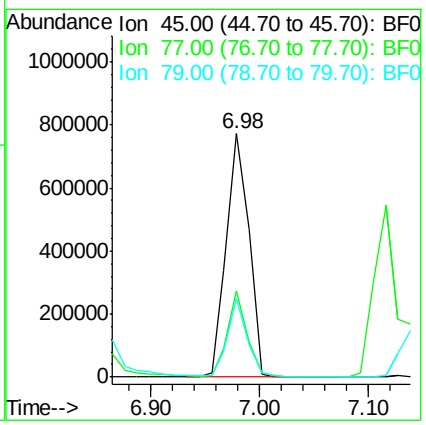


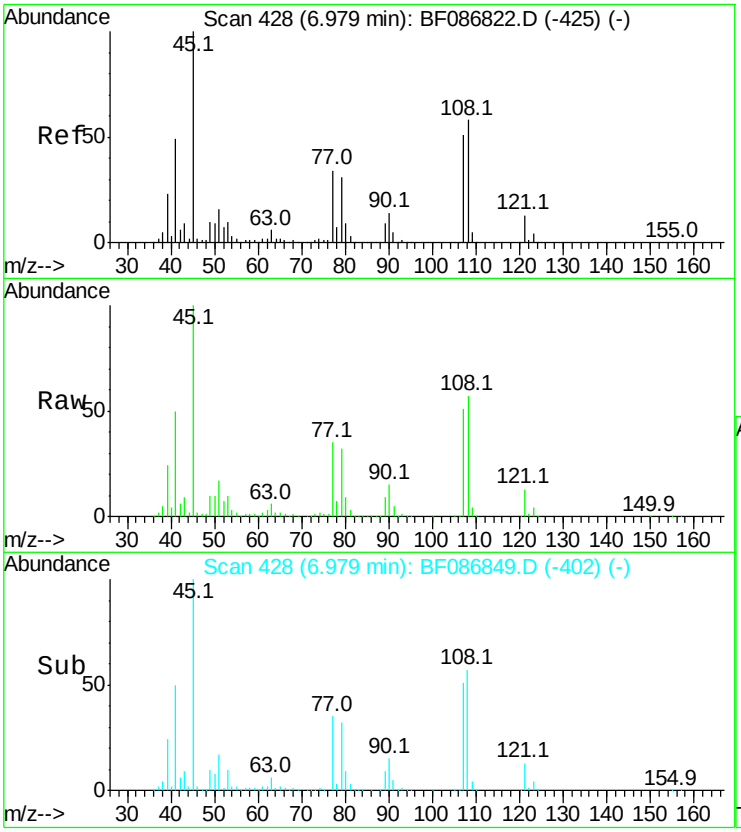


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.33 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 45 Resp: 1107126

Ion	Ratio	Lower	Upper
45	100		
77	35.2	0.0	36.4
79	32.4	0.0	33.4

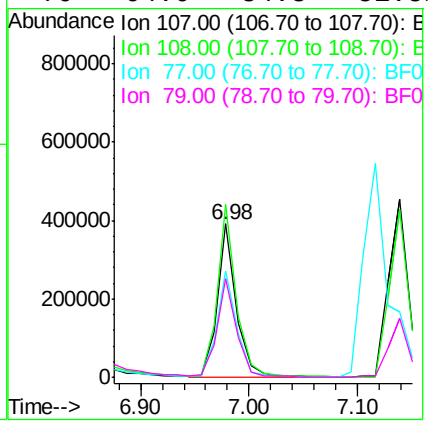




#17
2-Methylphenol
Concen: 50.08 ng
RT: 6.98 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

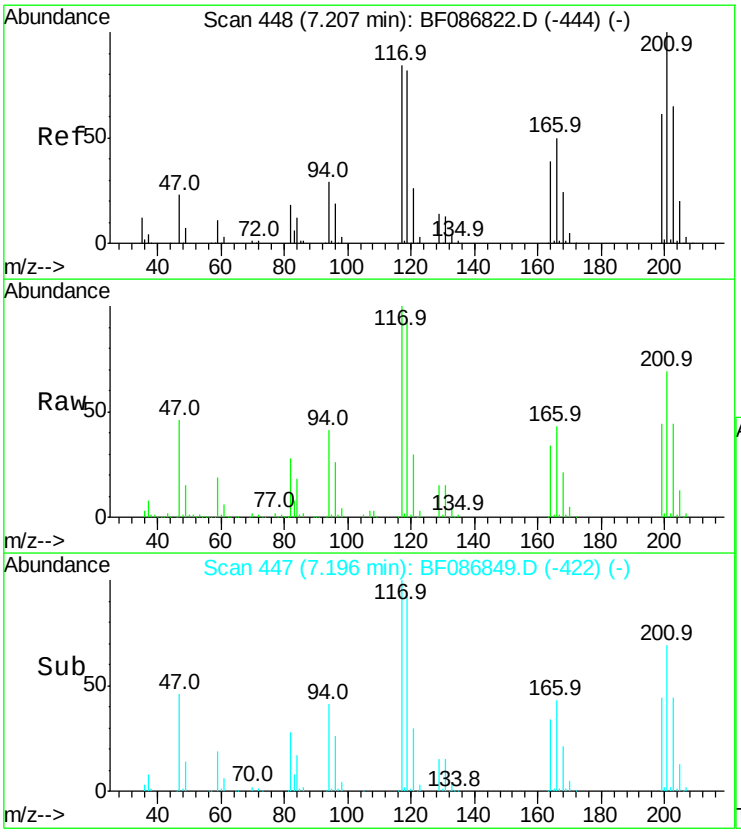
Tgt Ion:107 Resp: 466996

Ion	Ratio	Lower	Upper
107	100		
108	112.9	93.7	140.5
77	69.5	33.4	50.0#
79	64.0	34.3	51.5#



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

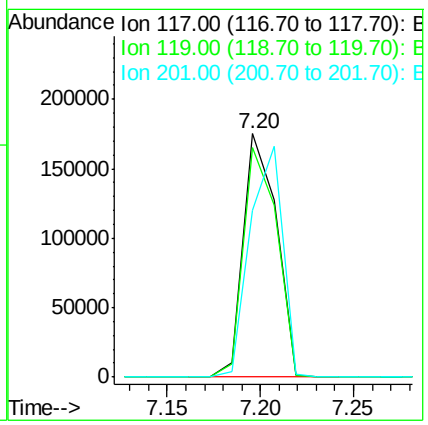
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

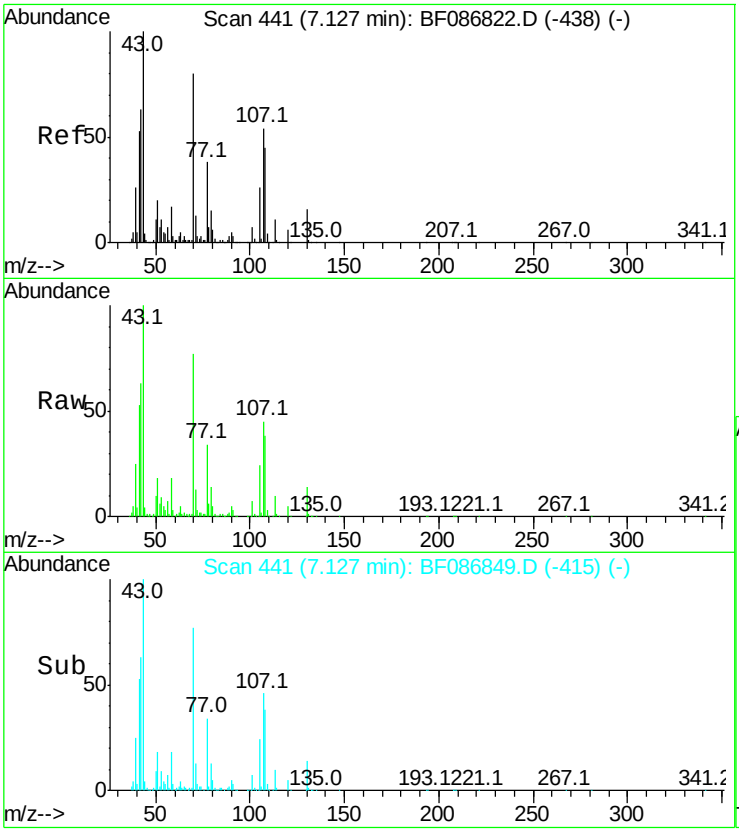


#18
Hexachloroethane
Concen: 44.15 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:117 Resp: 214858

Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.5	114.7
201	68.7	63.0	94.6





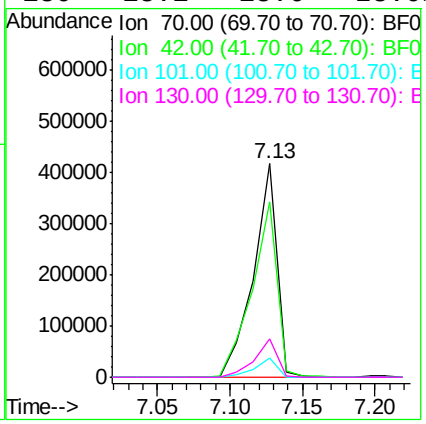
#19
n-Nitroso-di-n-propylamine
Concen: 51.97 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

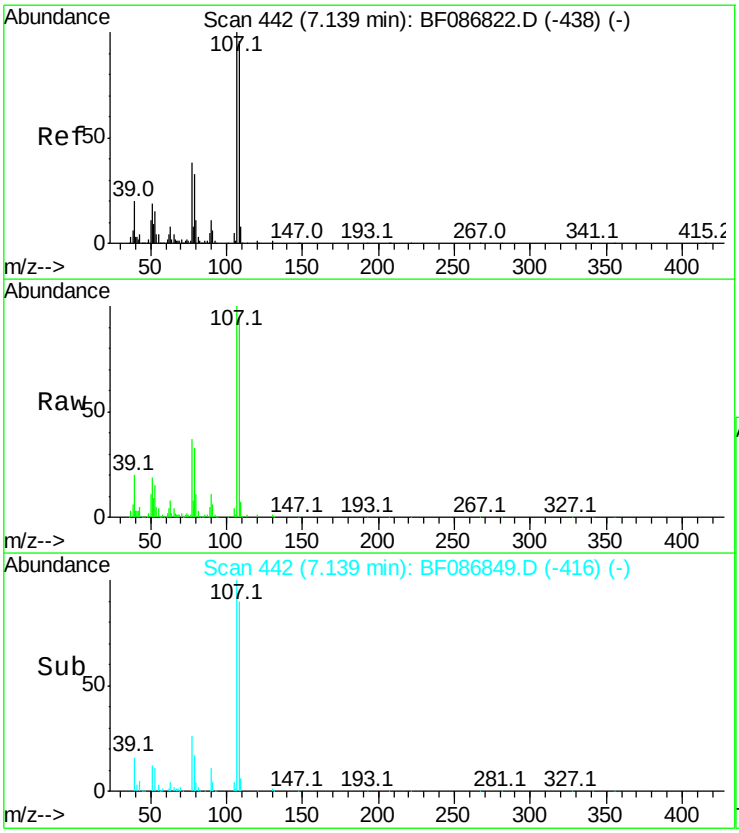
Instrument :
BNA_F
ClientSampleId :
RICHMOND-AMBOY-SB09(0.5-6.0)M

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

Tgt Ion: 70 Resp: 471428

Ion	Ratio	Lower	Upper
70	100		
42	82.2	43.1	64.7#
101	9.1	8.1	12.1
130	18.1	18.6	28.0#

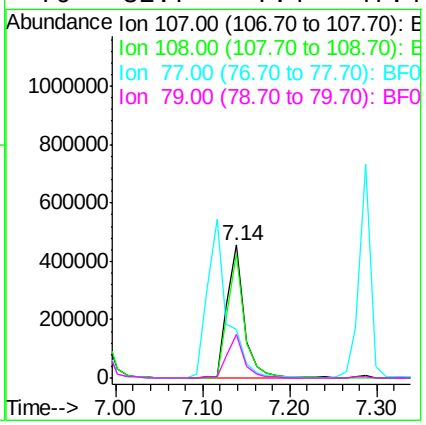


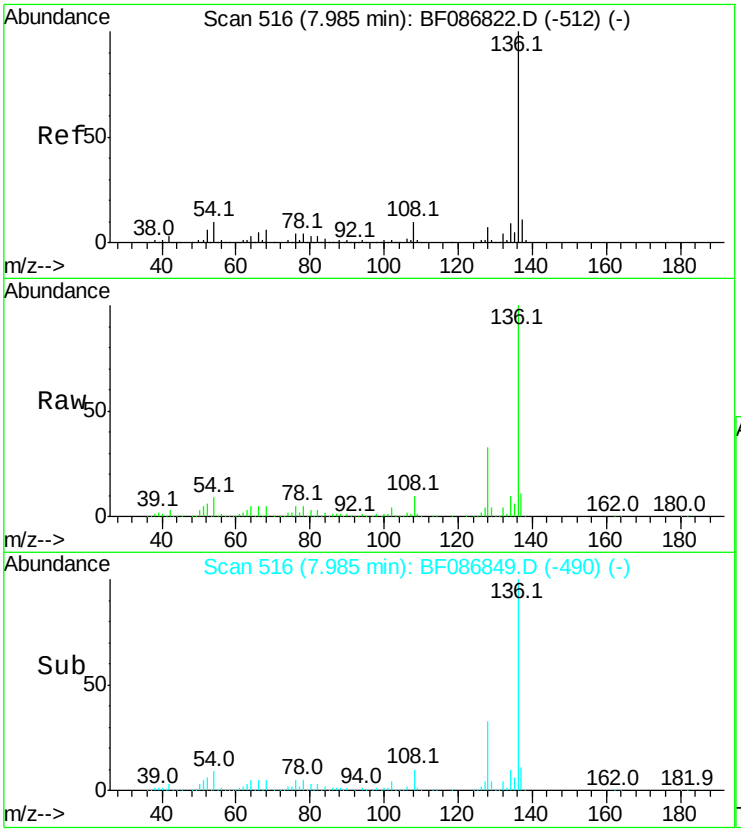


#20
3+4-Methylphenols
Concen: 51.06 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:107 Resp: 621920

Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.5	108.5
77	36.7	101.6	141.6#
79	32.7	7.4	47.4

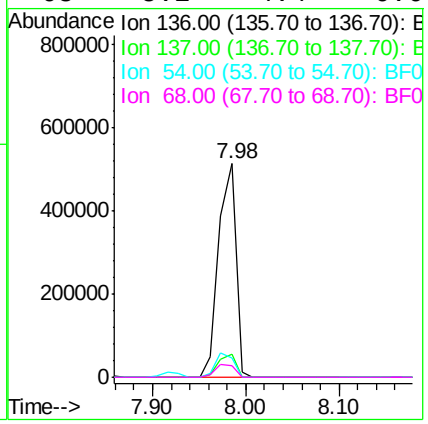




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

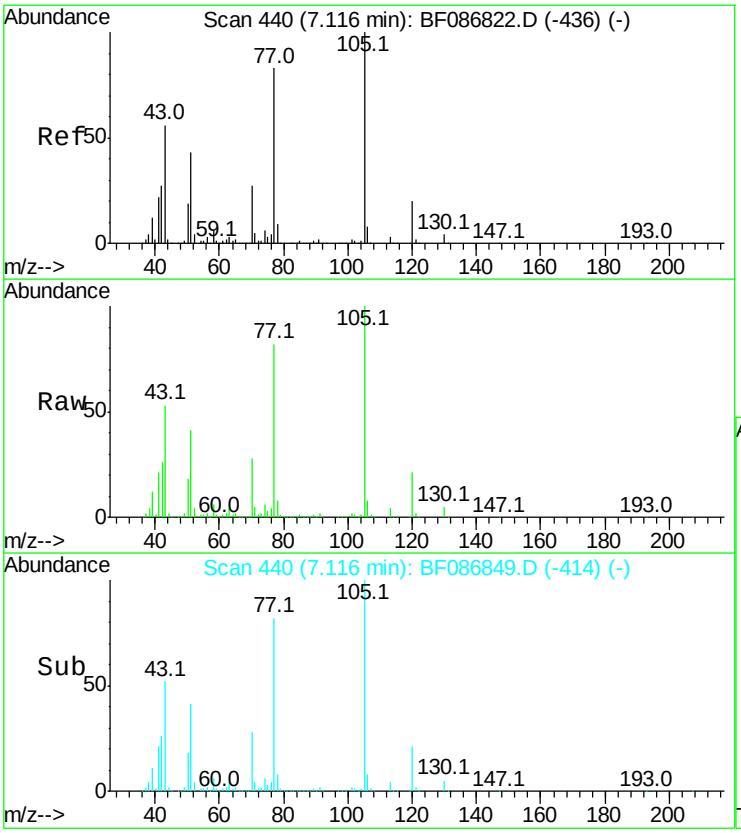
Tgt Ion:136 Resp: 665480

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.0	5.0	7.4#
68	5.2	4.4	6.6



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

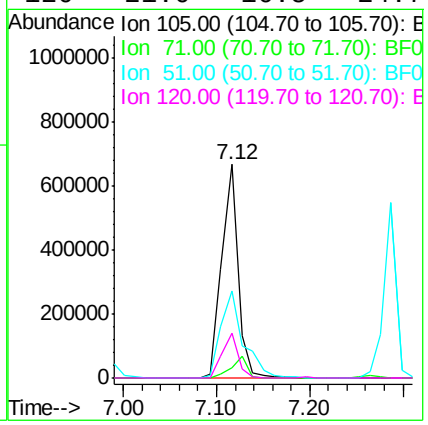
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

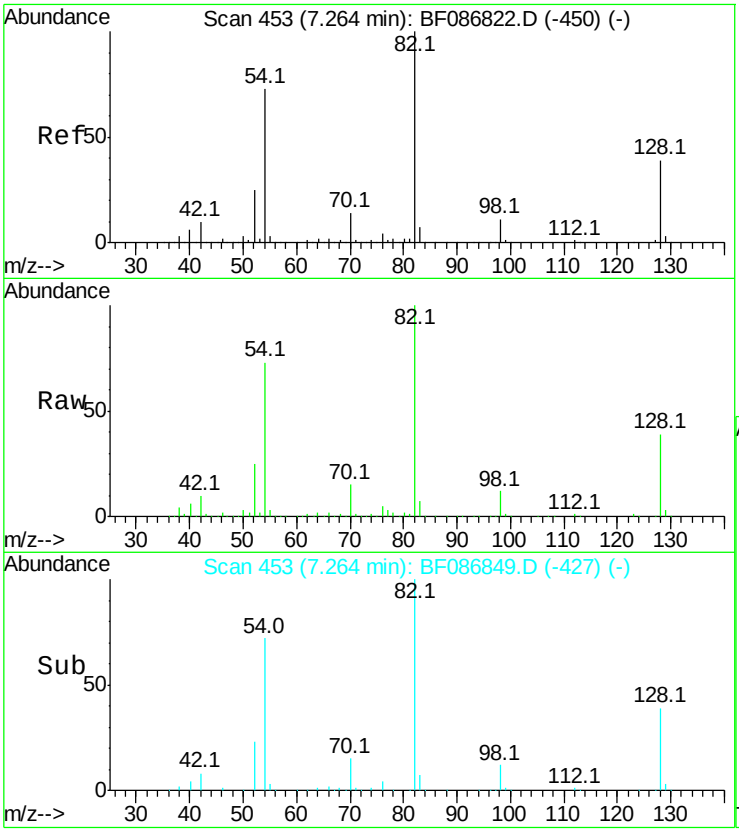


#22
Acetophenone
Concen: 51.61 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:105 Resp: 811219

Ion	Ratio	Lower	Upper
105	100		
71	4.6	4.8	7.2#
51	40.7	32.6	49.0
120	21.0	16.5	24.7

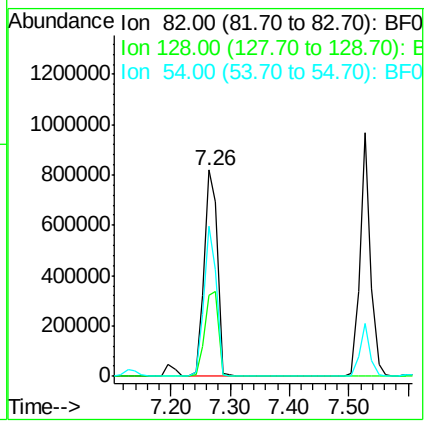




#23
Nitrobenzene-d5
Concen: 97.82 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

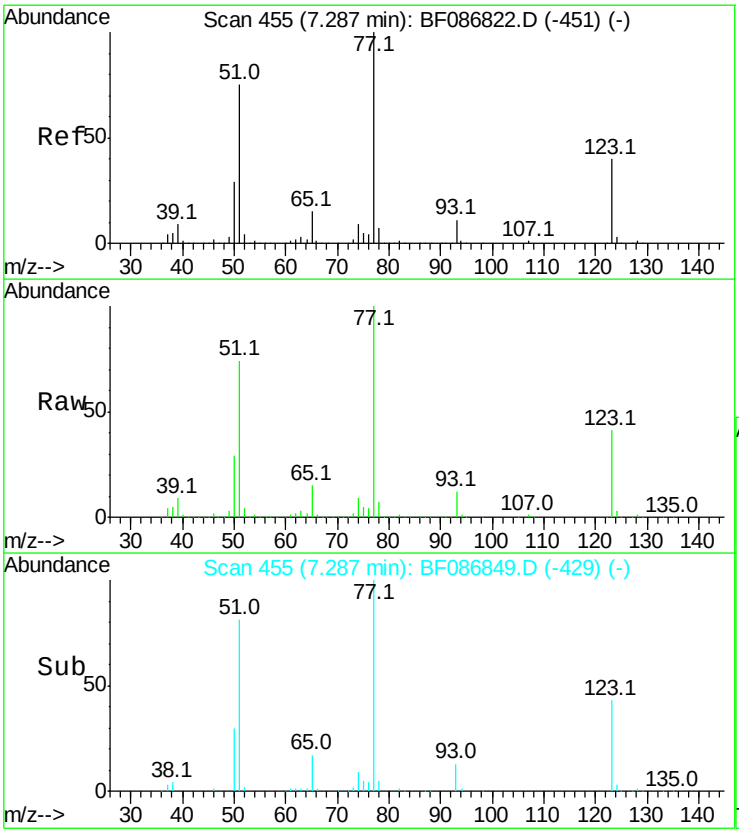
Tgt Ion: 82 Resp: 1296376

Ion	Ratio	Lower	Upper
82	100		
128	39.3	40.6	61.0#
54	72.6	38.1	57.1#



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

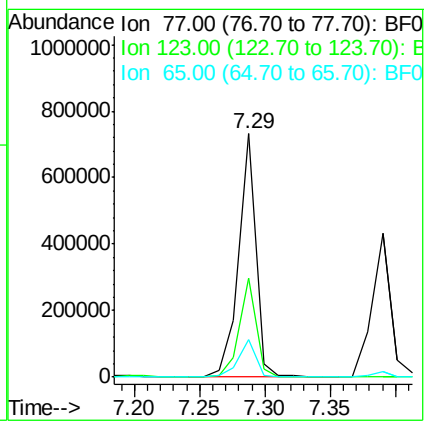
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

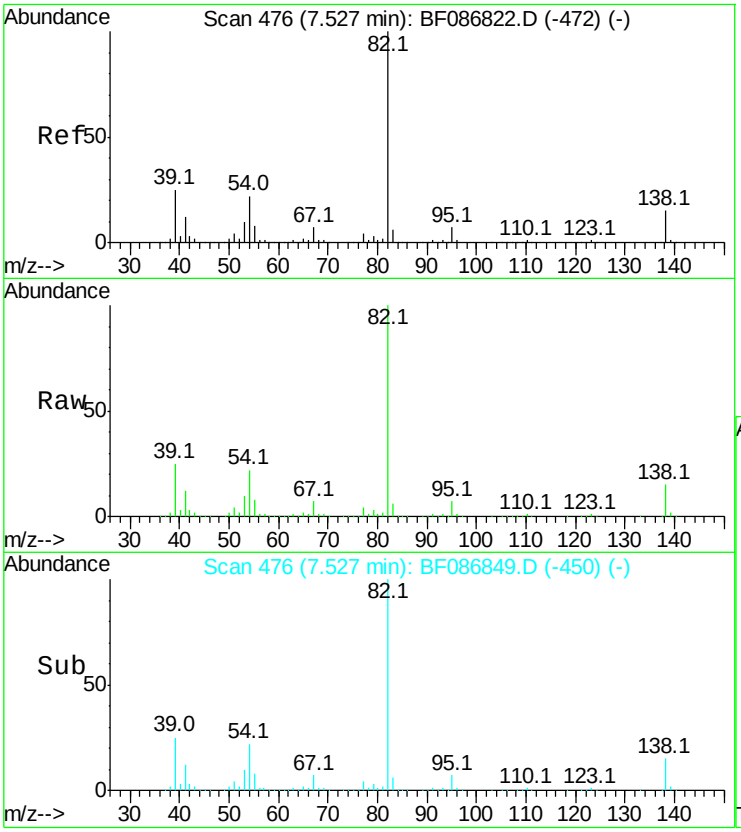


#24
Nitrobenzene
Concen: 48.80 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 77 Resp: 665313

Ion	Ratio	Lower	Upper
77	100		
123	40.6	33.0	49.4
65	15.4	10.8	16.2

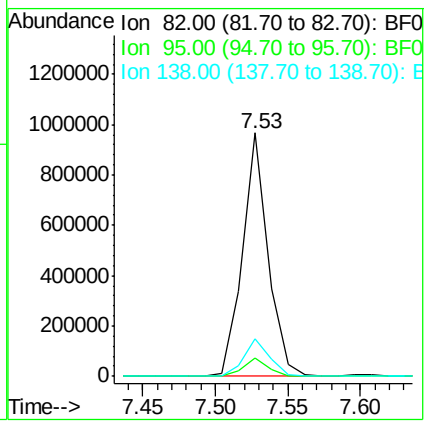




#25
Isophorone
Concen: 47.87 ng
RT: 7.53 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

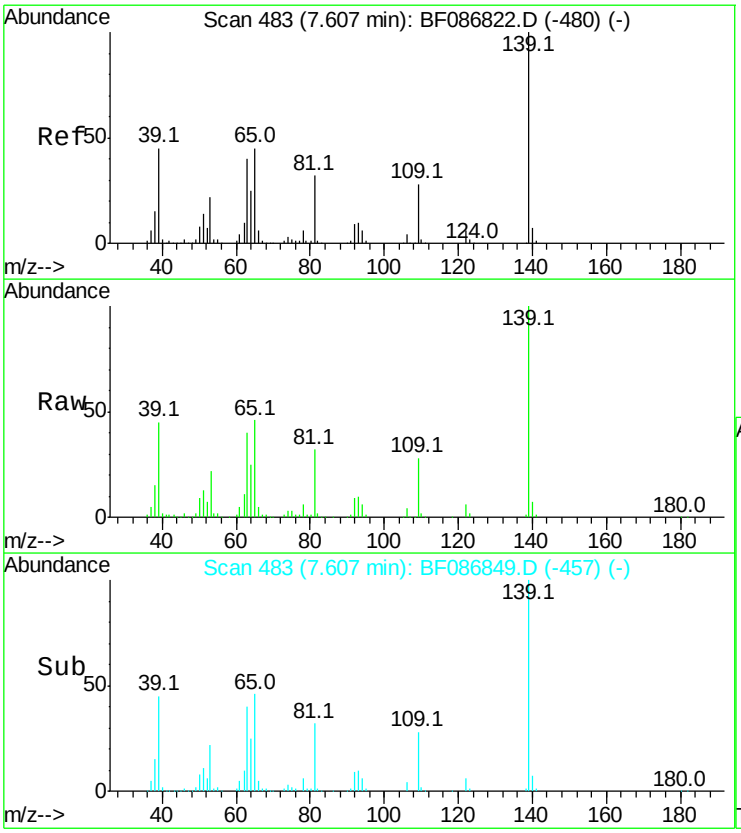
Tgt Ion: 82 Resp: 1177070

Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.1	7.7
138	15.2	12.4	18.6



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

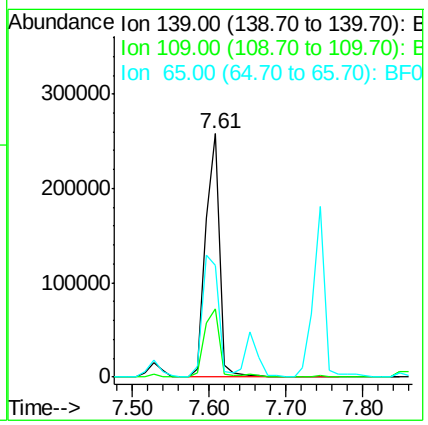
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

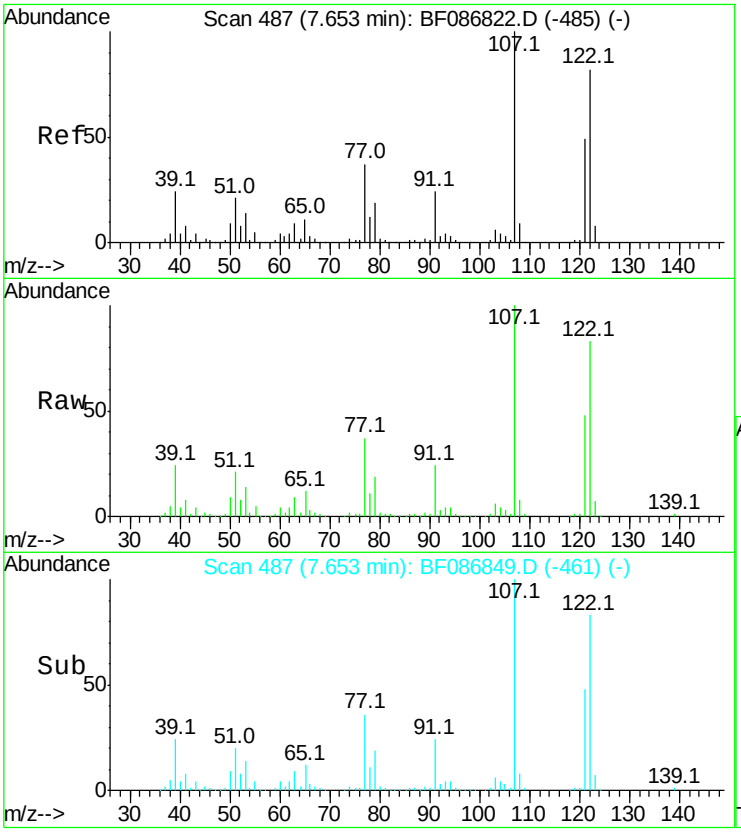


#26
2-Nitrophenol
Concen: 53.17 ng
RT: 7.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:139 Resp: 318643

Ion	Ratio	Lower	Upper
139	100		
109	28.2	19.5	29.3
65	46.1	37.5	56.3

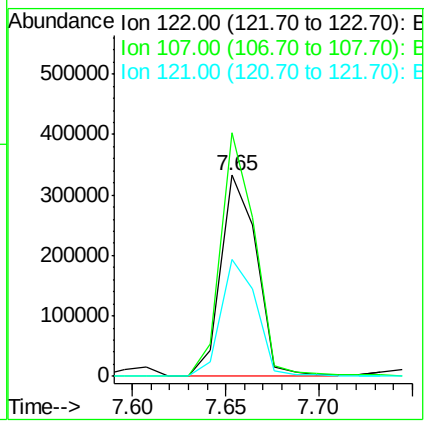




#27
2,4-Dimethylphenol
Concen: 43.91 ng
RT: 7.65 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

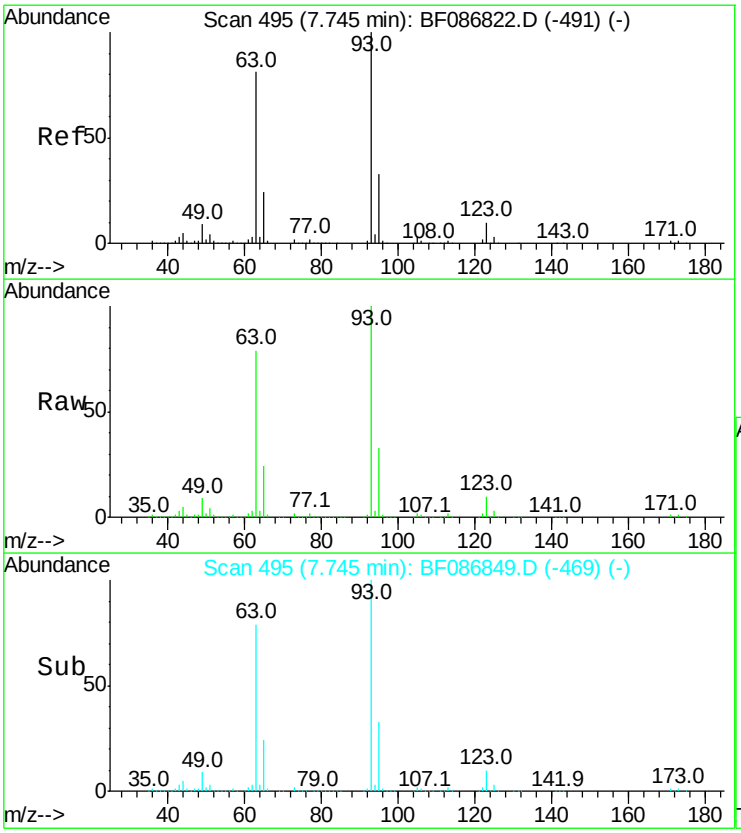
Tgt Ion:122 Resp: 448205

Ion	Ratio	Lower	Upper
122	100		
107	121.0	82.0	123.0
121	58.4	46.1	69.1



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

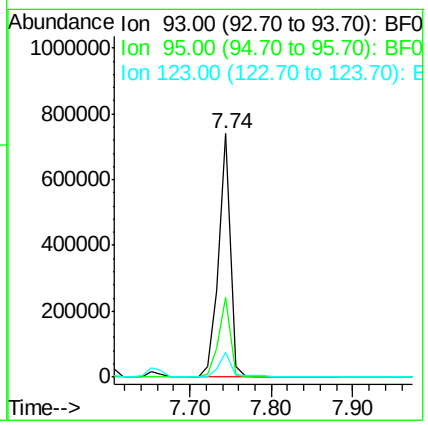
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

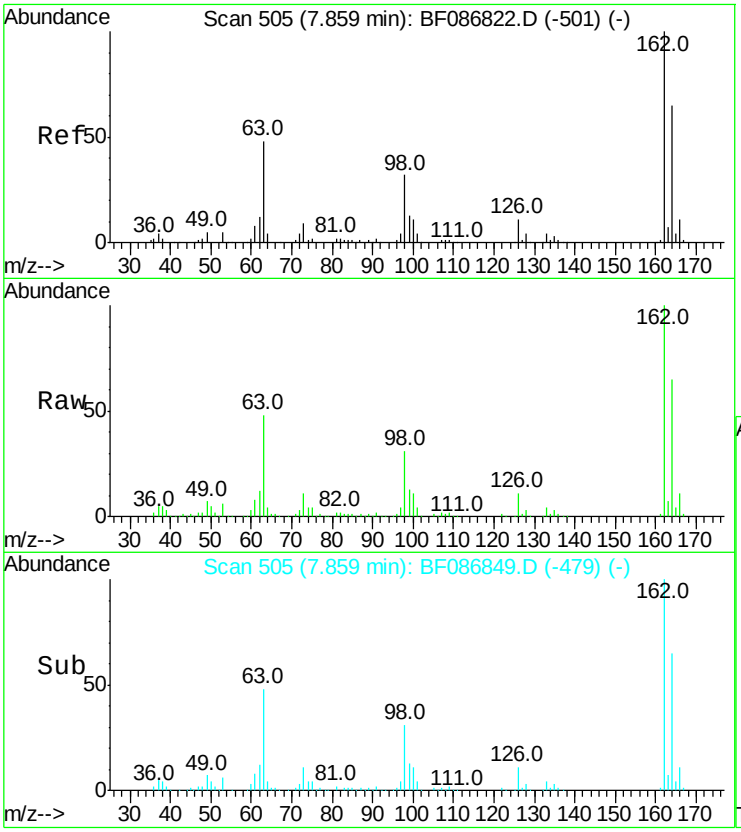


#28
bis(2-Chloroethoxy)methane
Concen: 56.14 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 93 Resp: 744695

Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	10.2	9.5	14.3

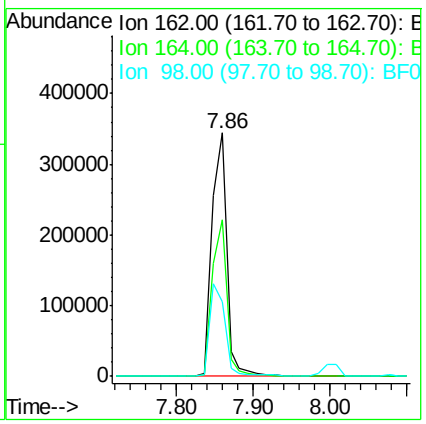




#29
2,4-Dichlorophenol
Concen: 51.33 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

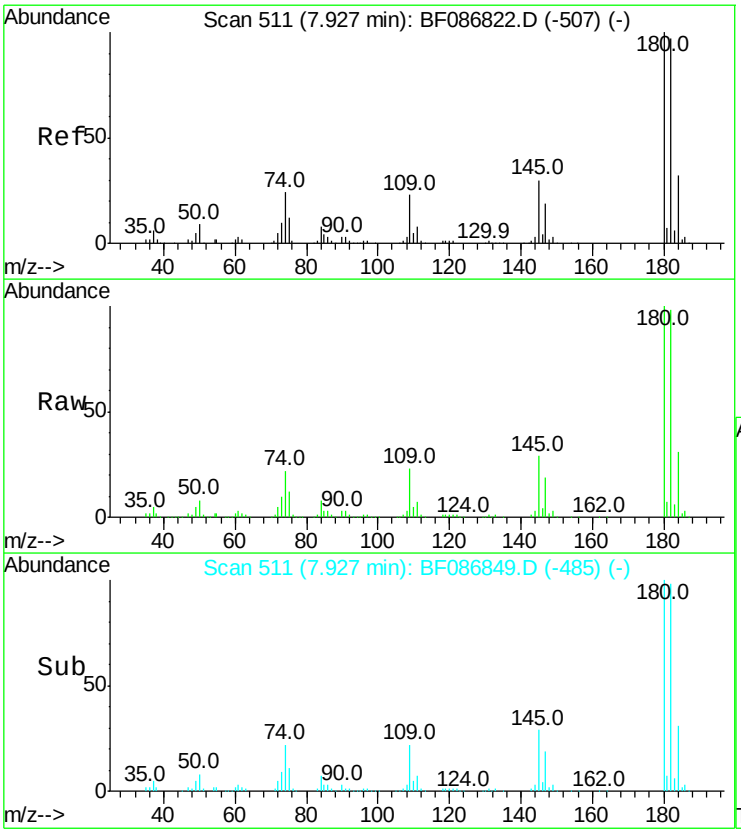
Tgt Ion:162 Resp: 461258

Ion	Ratio	Lower	Upper
162	100		
164	64.5	42.2	82.2
98	30.7	19.0	59.0



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

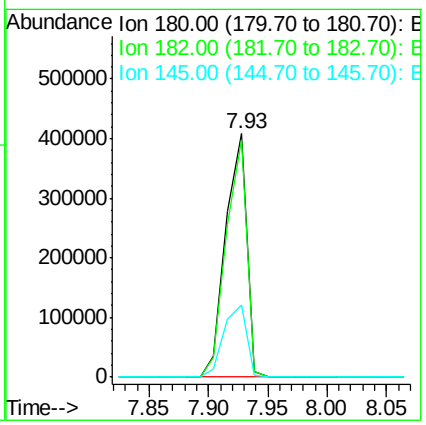
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

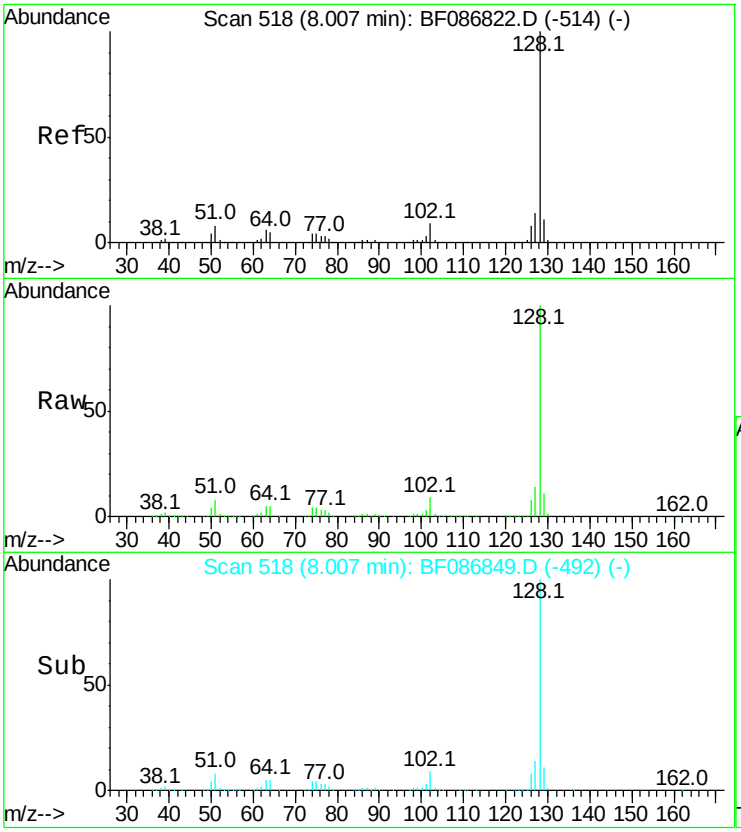


#30
1,2,4-Trichlorobenzene
Concen: 49.97 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:180 Resp: 502024

Ion	Ratio	Lower	Upper
180	100		
182	97.5	78.0	117.0
145	29.5	24.2	36.2

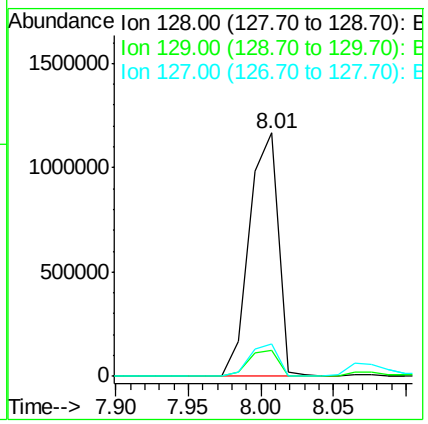




#31
Naphthalene
Concen: 48.39 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

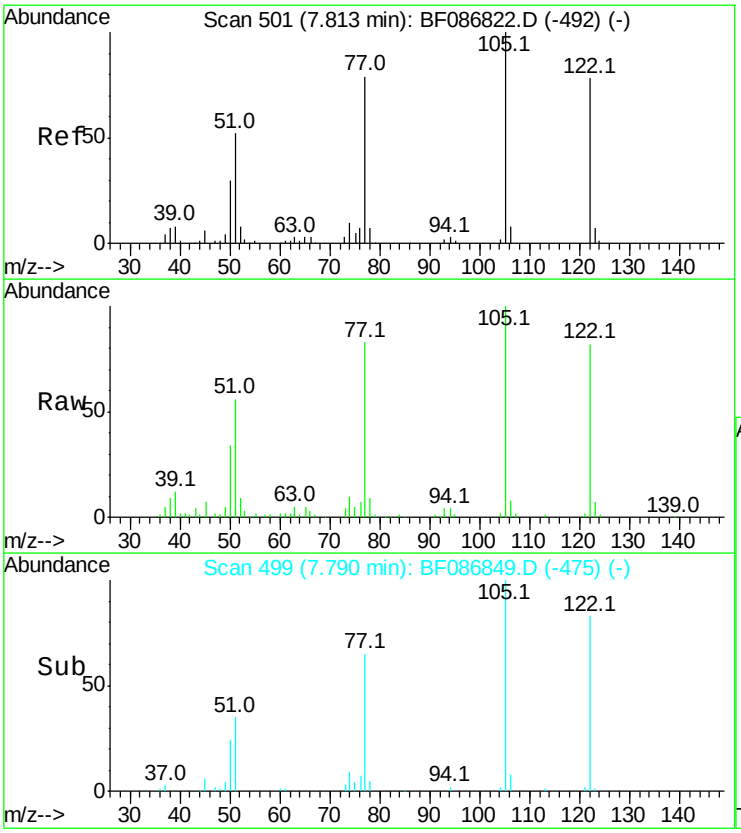
Tgt Ion:128 Resp: 1613051

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	13.0
127	13.6	10.8	16.2



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

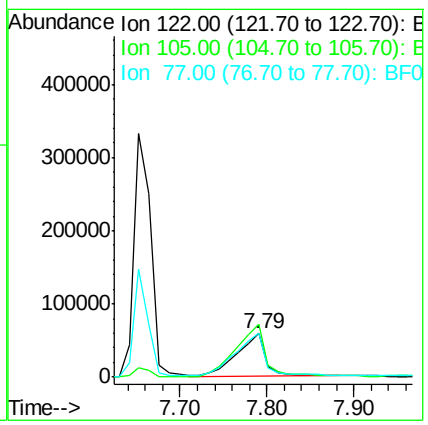
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

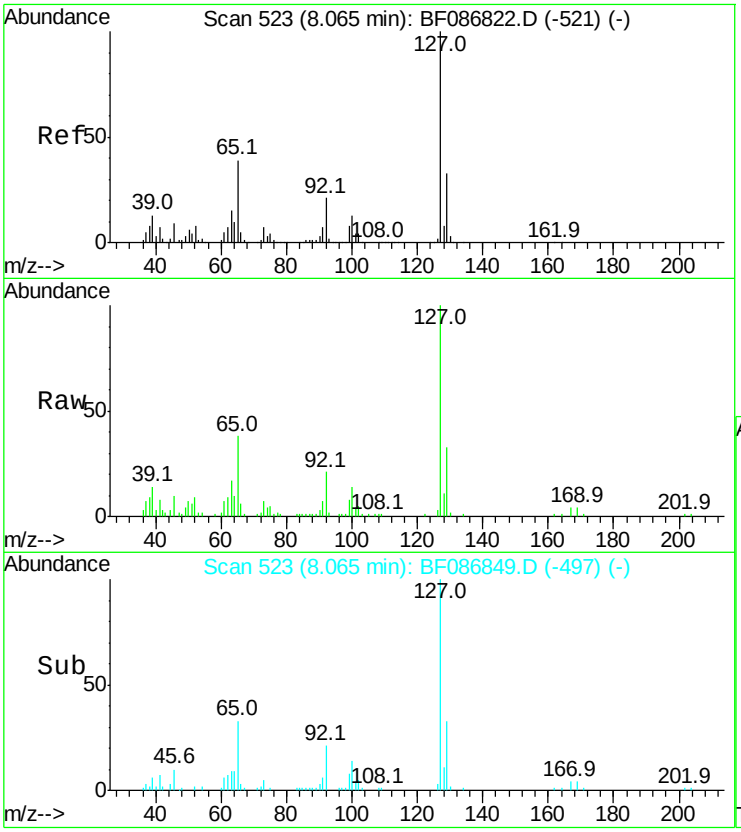


#32
Benzoic acid
Concen: 22.95 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:122 Resp: 137578

Ion	Ratio	Lower	Upper
122	100		
105	121.5	92.6	132.6
77	101.3	60.0	100.0#

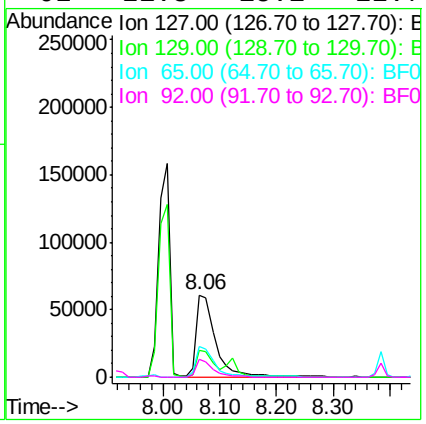




#33
4-Chloroaniline
Concen: 11.14 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

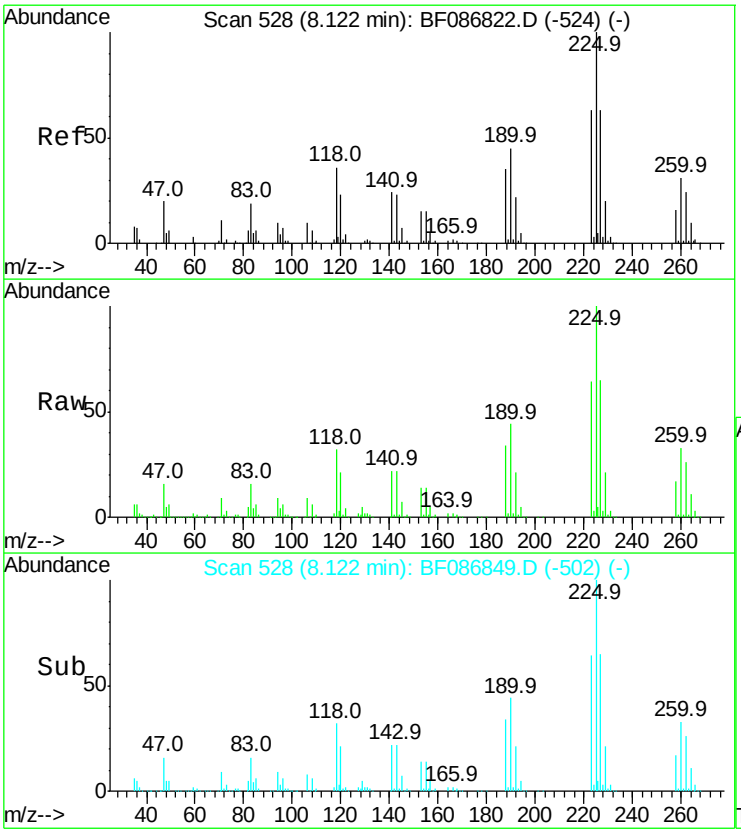
Tgt Ion:127 Resp: 144248

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	37.8	23.0	34.4#
92	21.3	15.1	22.7



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

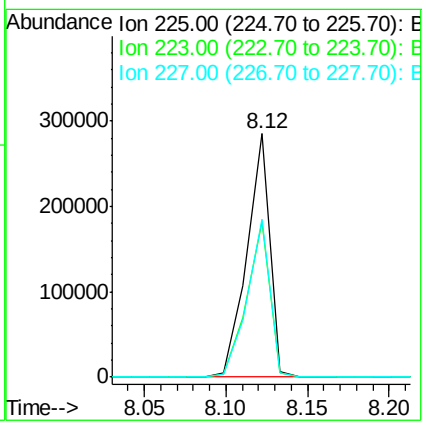
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

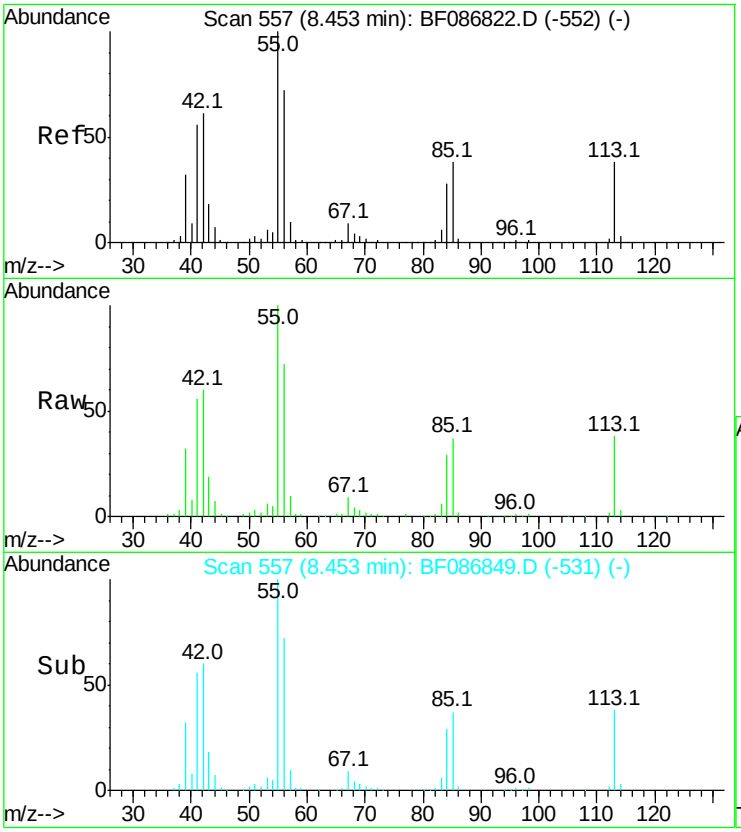


#34
Hexachlorobutadiene
Concen: 47.63 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:225 Resp: 277633

Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.5	77.3
227	64.9	52.2	78.2

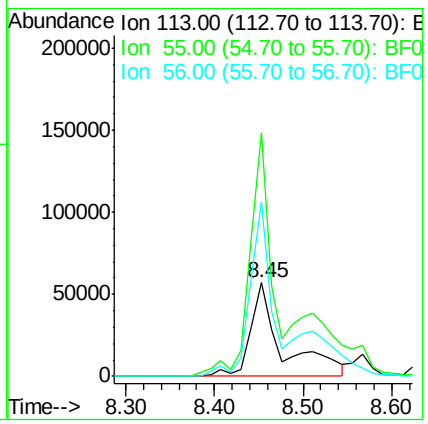




#35
Caprolactam
Concen: 46.57 ng m
RT: 8.45 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

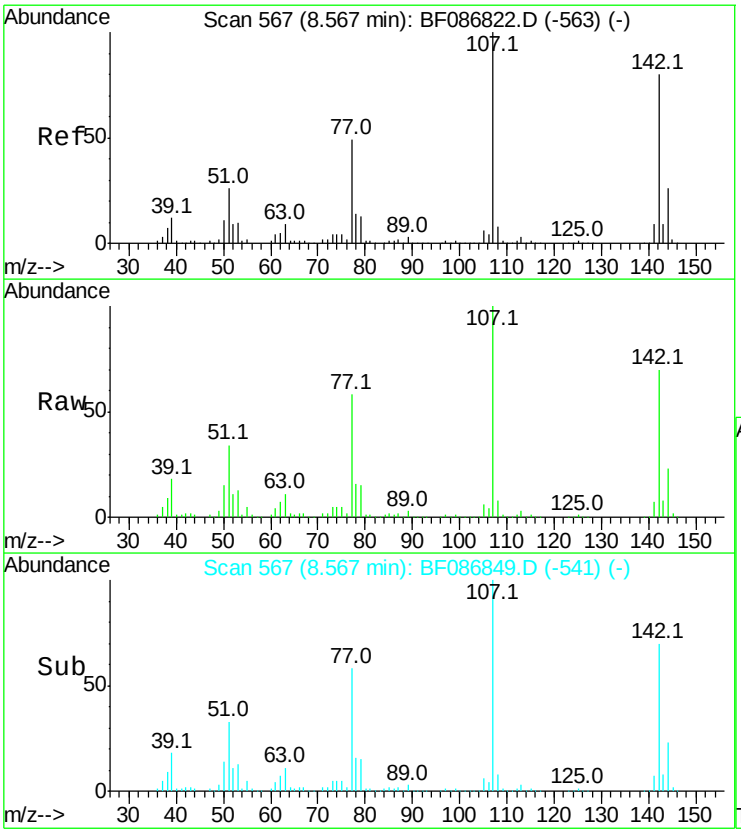
Tgt Ion:113 Resp: 142354

Ion	Ratio	Lower	Upper
113	100		
55	260.8	162.0	202.0#
56	187.3	115.3	155.3#



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

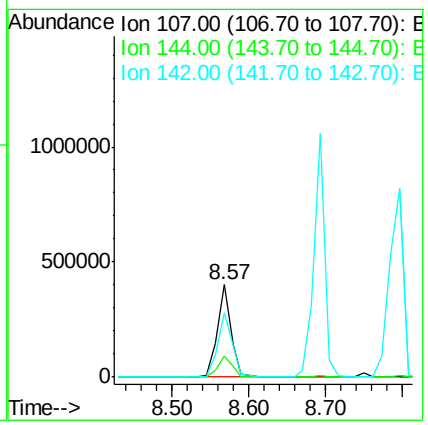
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

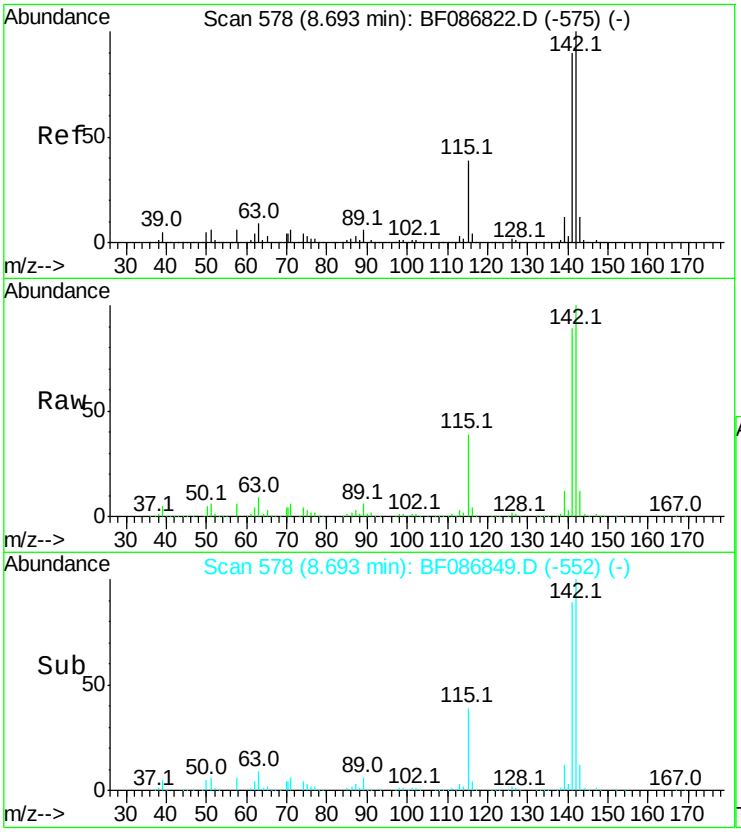


#36
4-Chloro-3-methylphenol
Concen: 46.03 ng
RT: 8.57 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:107 Resp: 501533

Ion	Ratio	Lower	Upper
107	100		
144	22.8	20.7	31.1
142	70.1	63.2	94.8

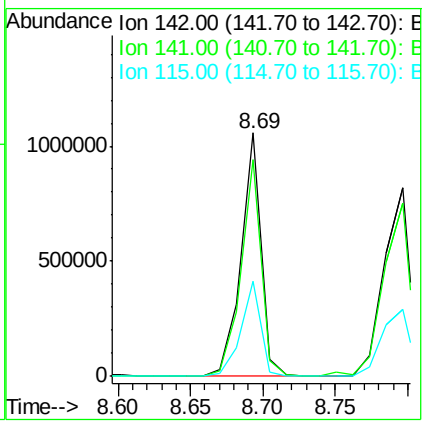




#37
2-Methylnaphthalene
Concen: 52.07 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

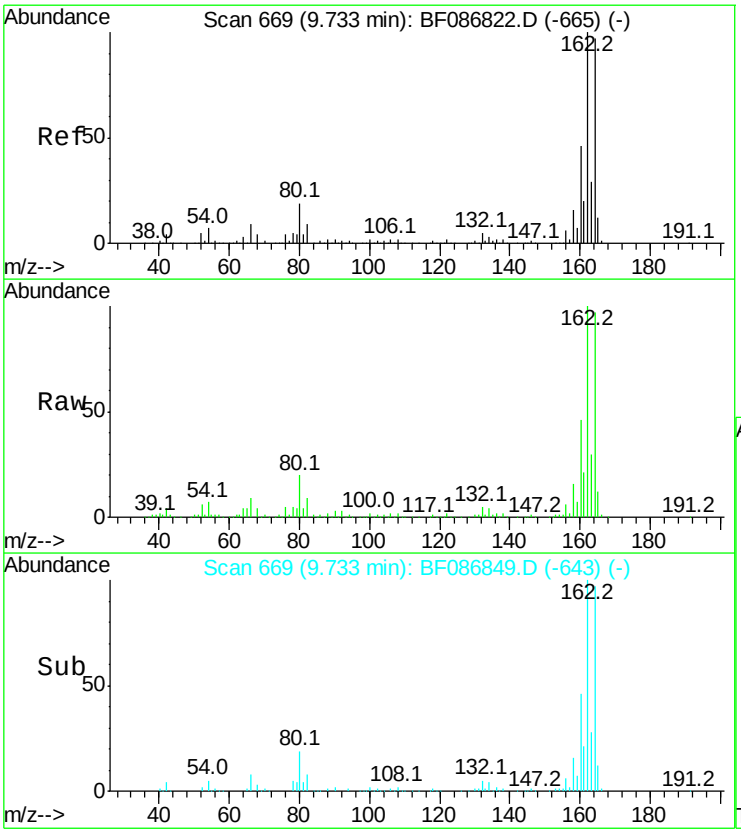
Tgt Ion:142 Resp: 1014715

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	39.0	26.6	39.8



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

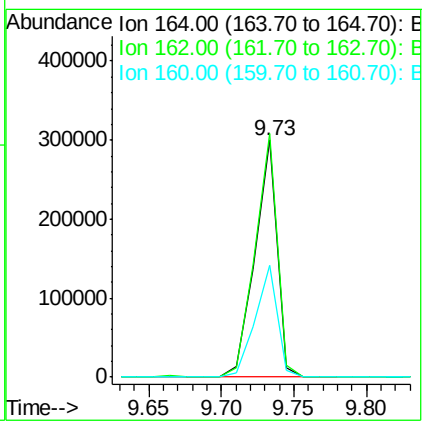
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

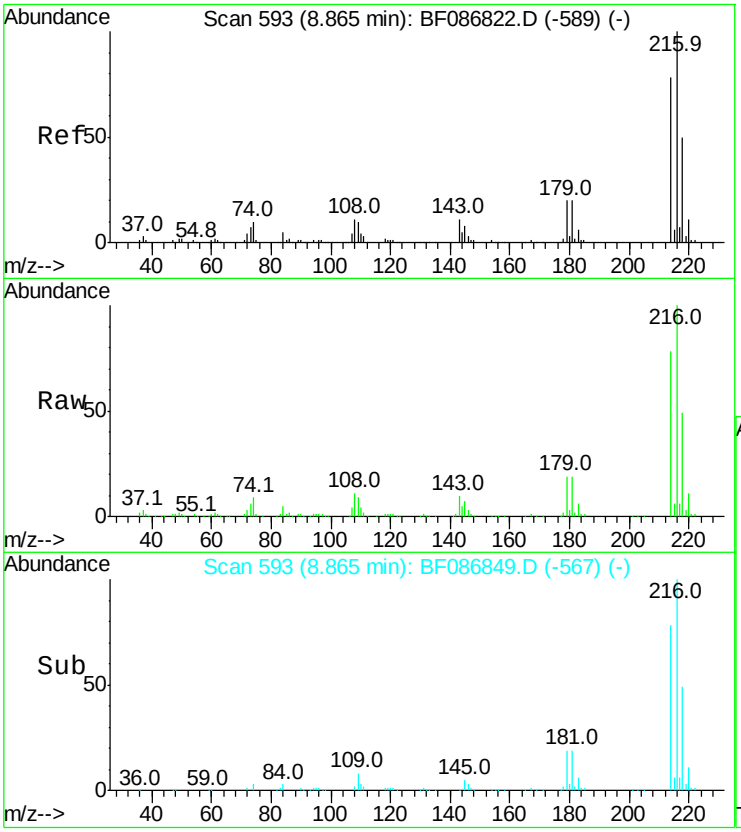


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:164 Resp: 316098

Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.8	124.2
160	47.3	36.9	55.3

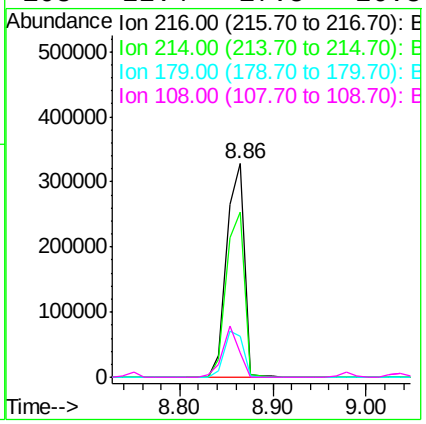




#39
1,2,4,5-Tetrachlorobenzene
Concen: 47.46 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

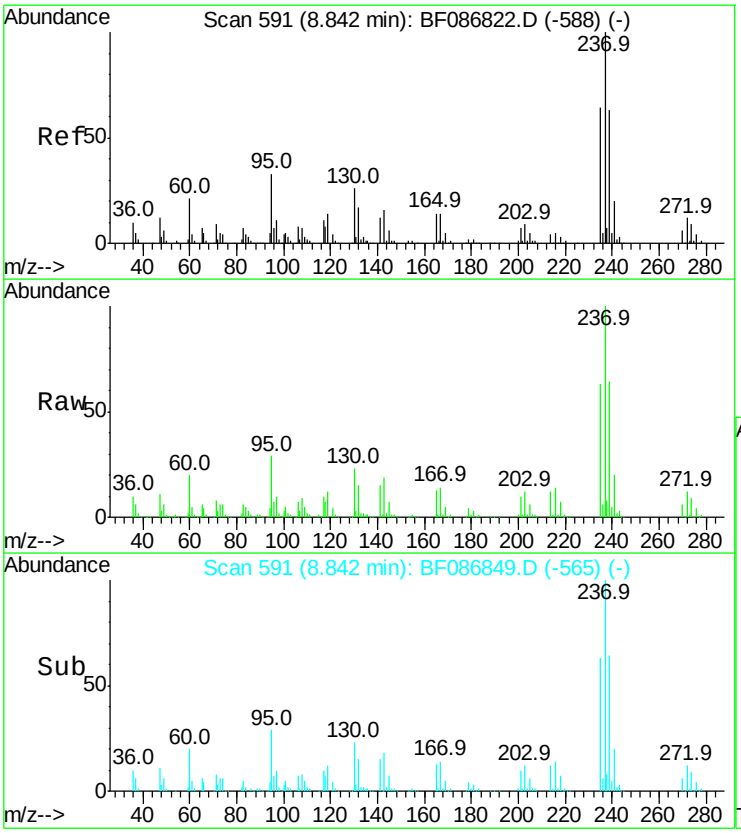
Tgt Ion:216 Resp: 436143

Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.6	93.8
179	22.8	18.2	27.4
108	22.4	17.5	26.3



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

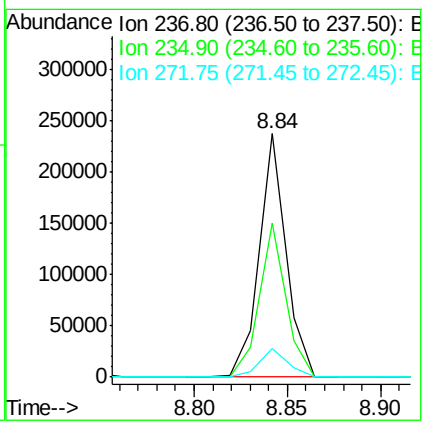
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

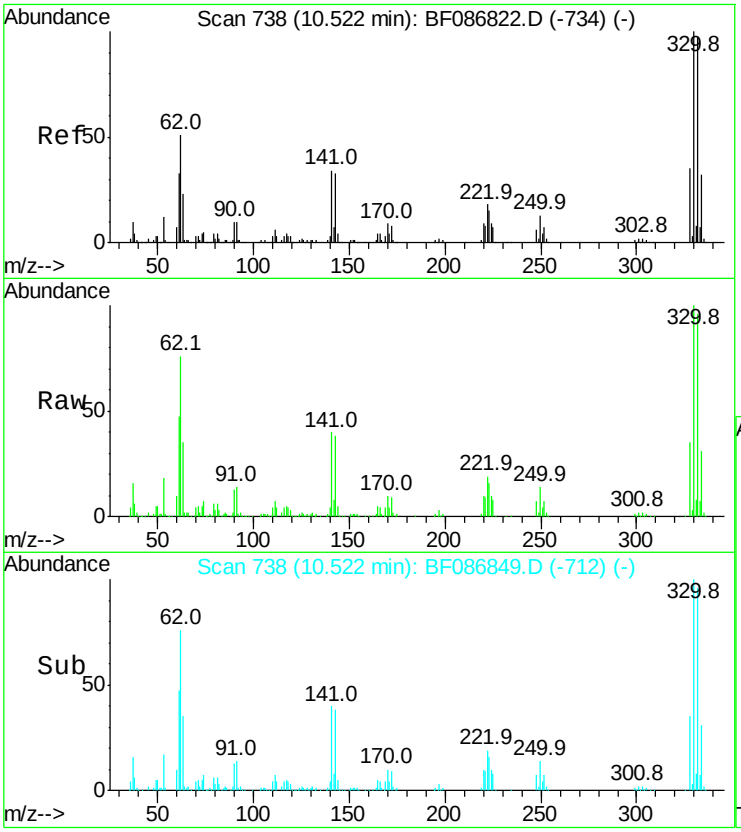


#40
Hexachlorocyclopentadiene
Concen: 53.79 ng
RT: 8.84 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:237 Resp: 234645

Ion	Ratio	Lower	Upper
237	100		
235	63.5	47.2	87.2
272	11.7	0.0	31.1

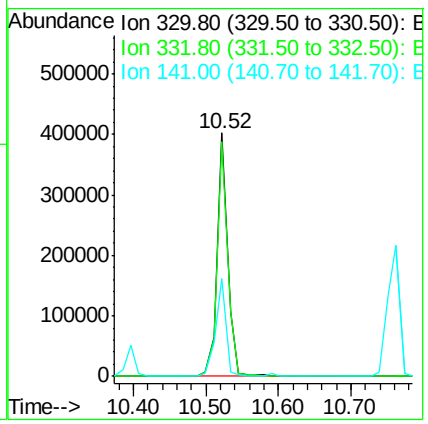




#41
2,4,6-Tribromophenol
Concen: 122.97 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

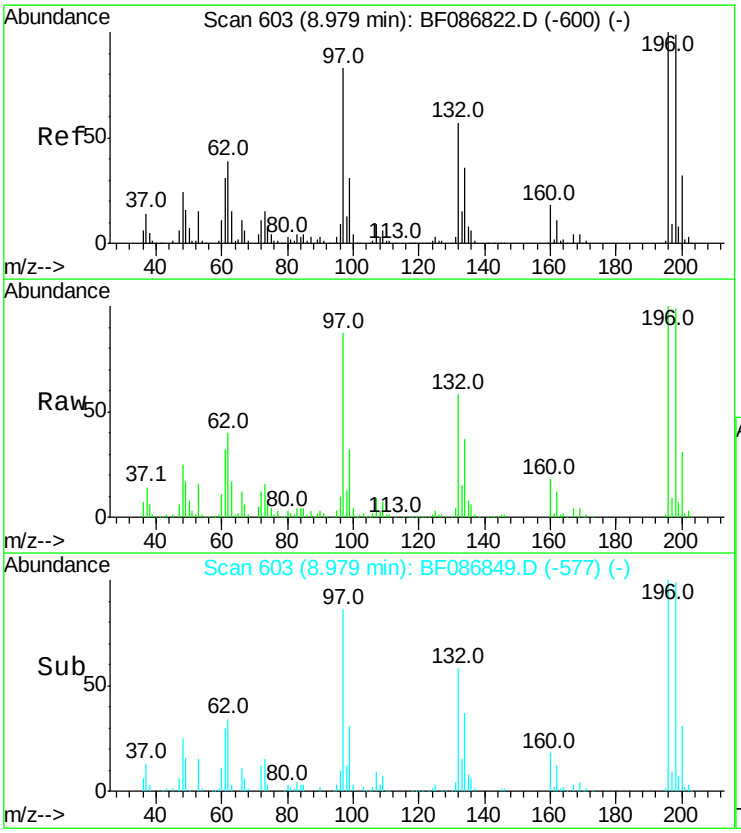
Tgt Ion:330 Resp: 411520

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.0	118.4
141	39.1	31.2	46.8



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

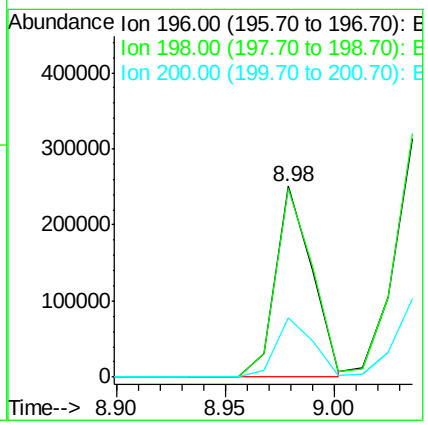
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

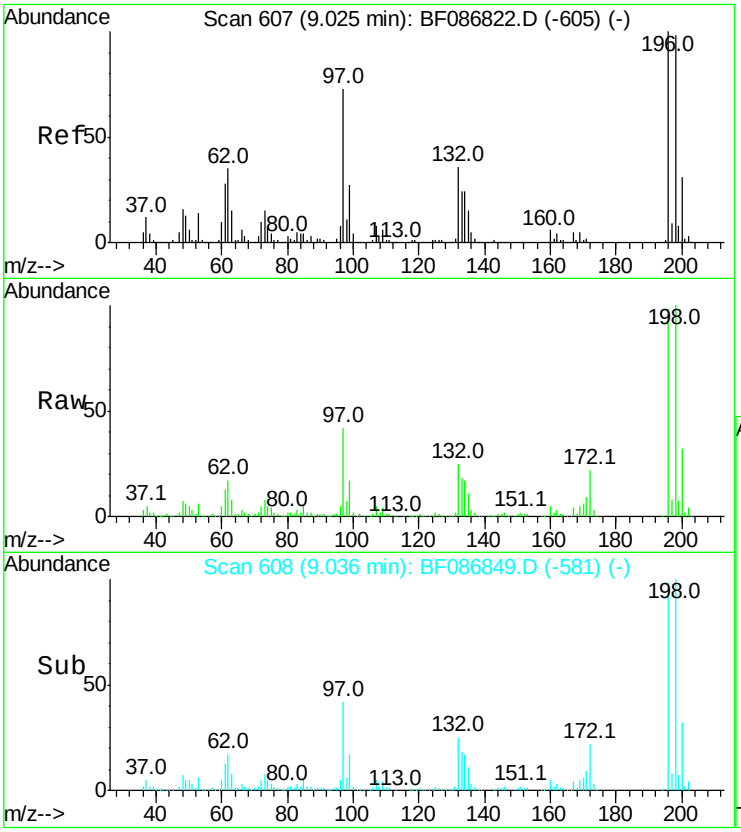


#42
2,4,6-Trichlorophenol
Concen: 48.09 ng
RT: 8.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:196 Resp: 295515

Ion	Ratio	Lower	Upper
196	100		
198	98.7	74.7	112.1
200	31.3	23.8	35.6

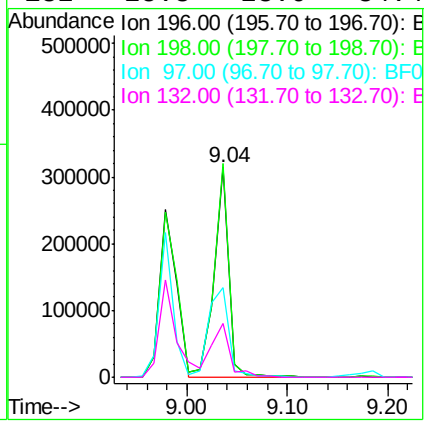




#43
2,4,5-Trichlorophenol
Concen: 49.65 ng
RT: 9.04 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

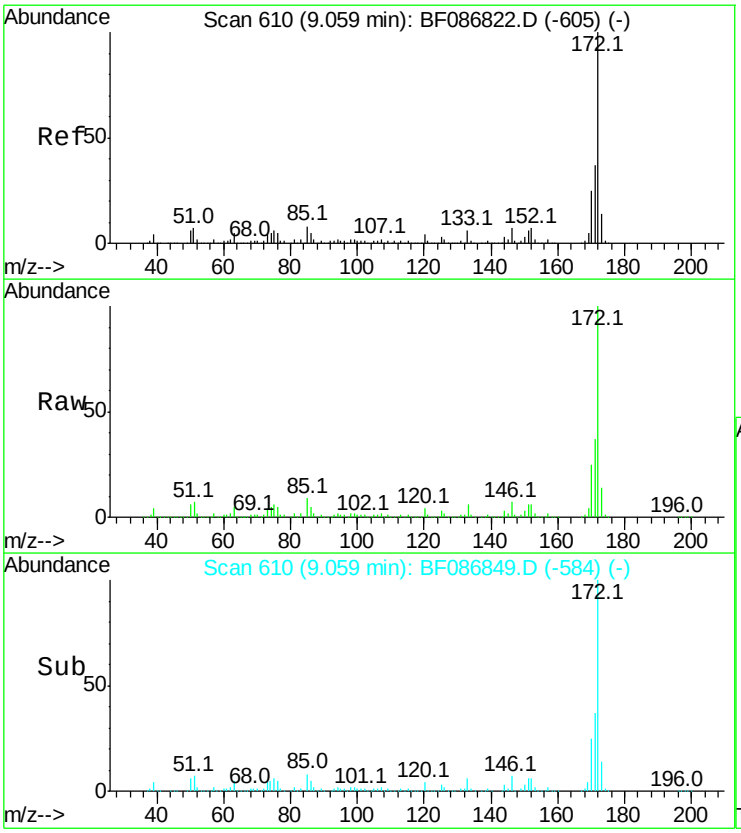
Tgt Ion:196 Resp: 315573

Ion	Ratio	Lower	Upper
196	100		
198	102.0	77.5	116.3
97	42.8	34.8	52.2
132	25.8	23.0	34.4



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

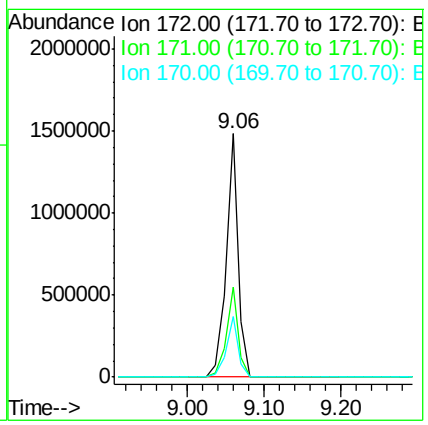
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

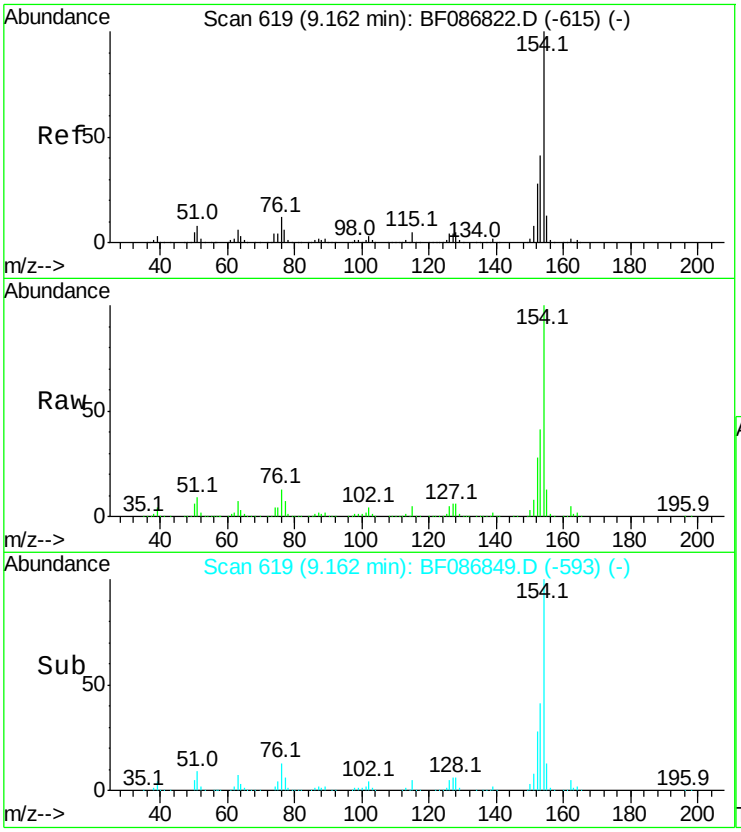


#44
2-Fluorobiphenyl
Concen: 87.55 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:172 Resp: 1646673

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	24.9	19.8	29.8

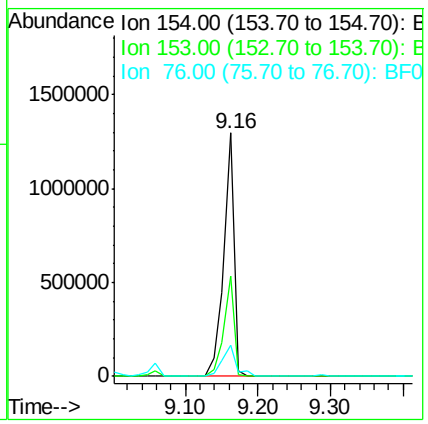




#45
1,1'-Biphenyl
Concen: 51.34 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

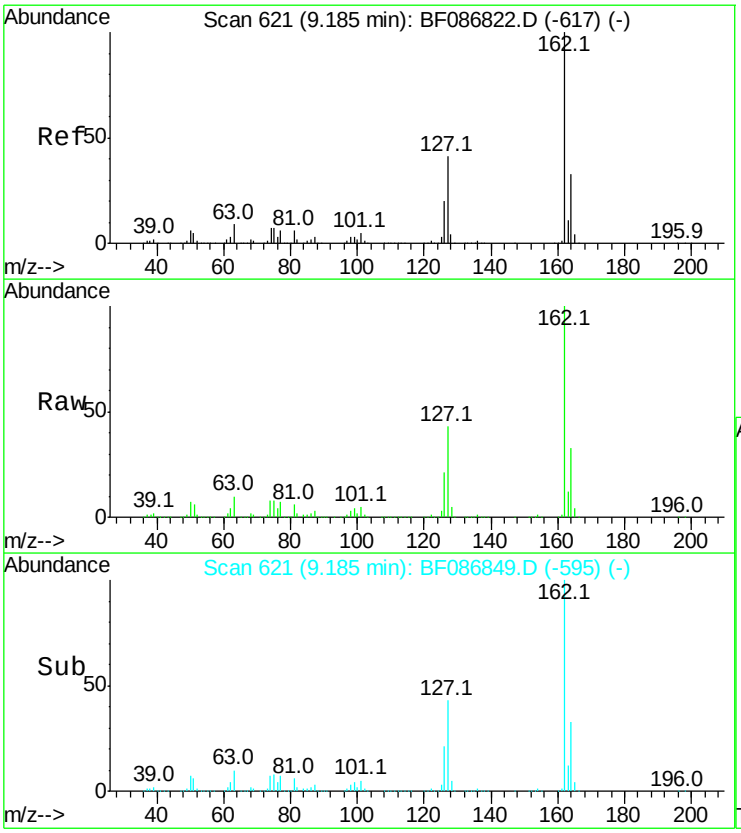
Tgt Ion:154 Resp: 1290822

Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.3	60.3
76	12.8	0.0	30.2



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

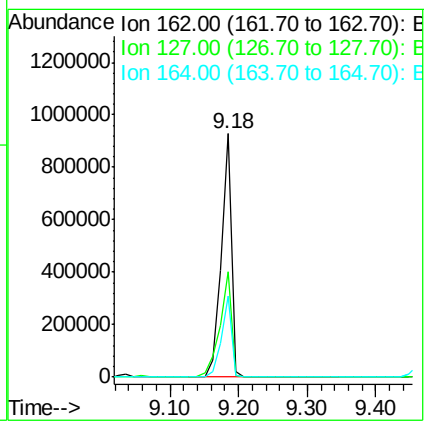
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

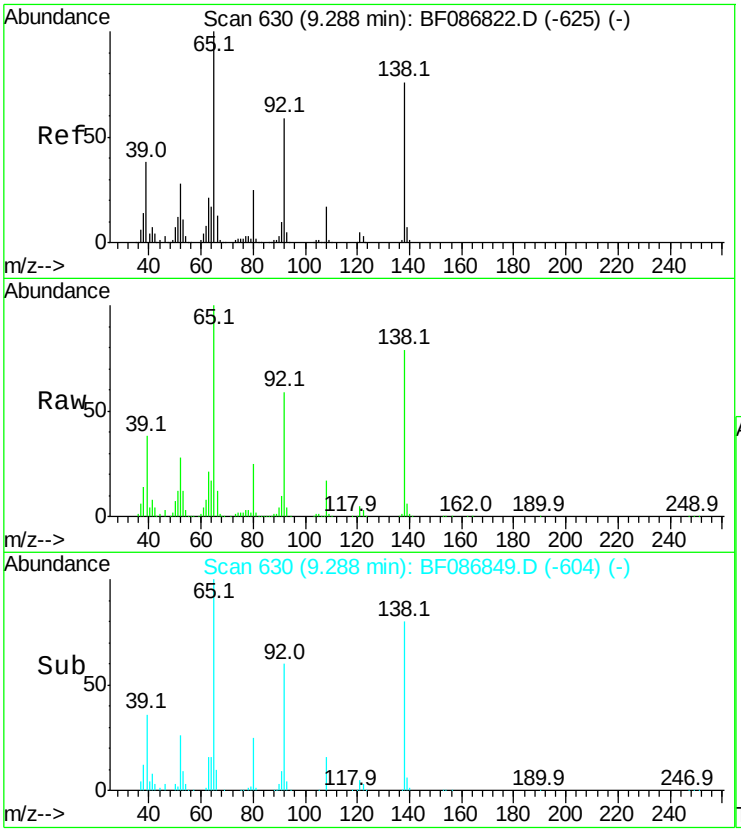


#46
2-Chloronaphthalene
Concen: 49.98 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:162 Resp: 984484

Ion	Ratio	Lower	Upper
162	100		
127	43.3	31.8	47.6
164	33.4	27.0	40.6

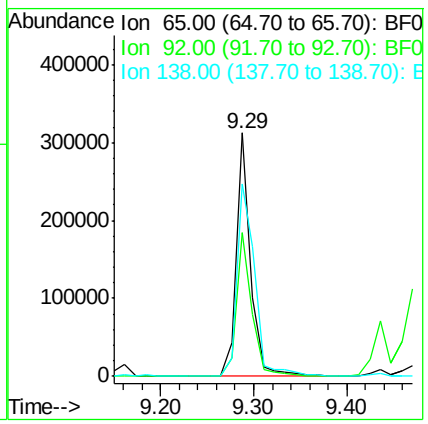




#47
2-Nitroaniline
Concen: 47.01 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

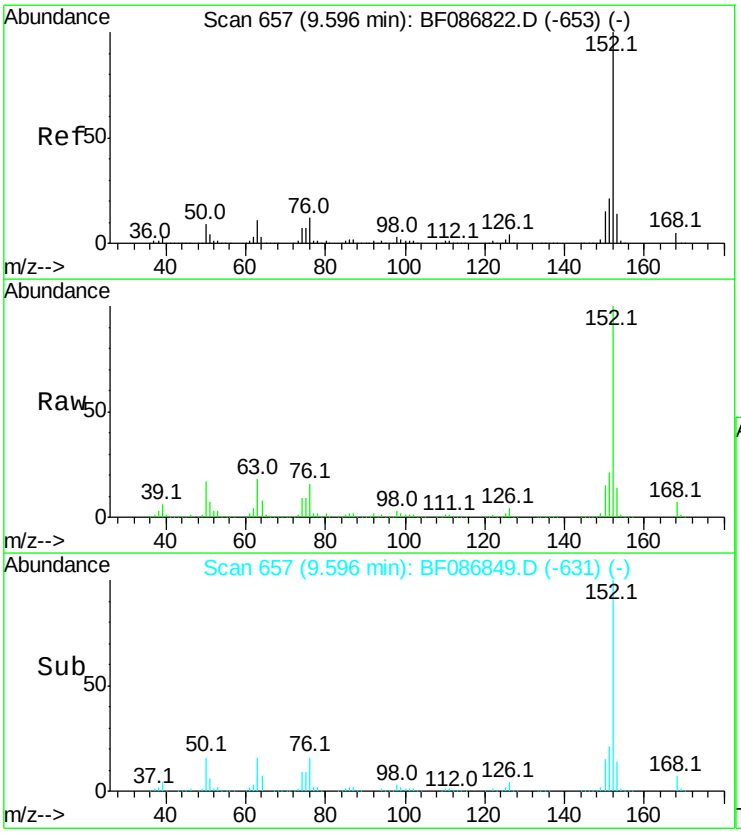
Tgt Ion: 65 Resp: 338433

Ion	Ratio	Lower	Upper
65	100		
92	59.3	57.4	86.2
138	78.8	90.1	135.1#



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

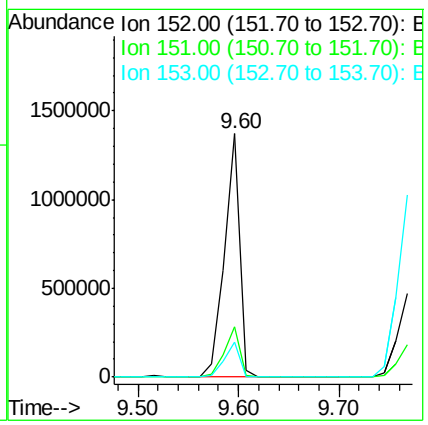
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

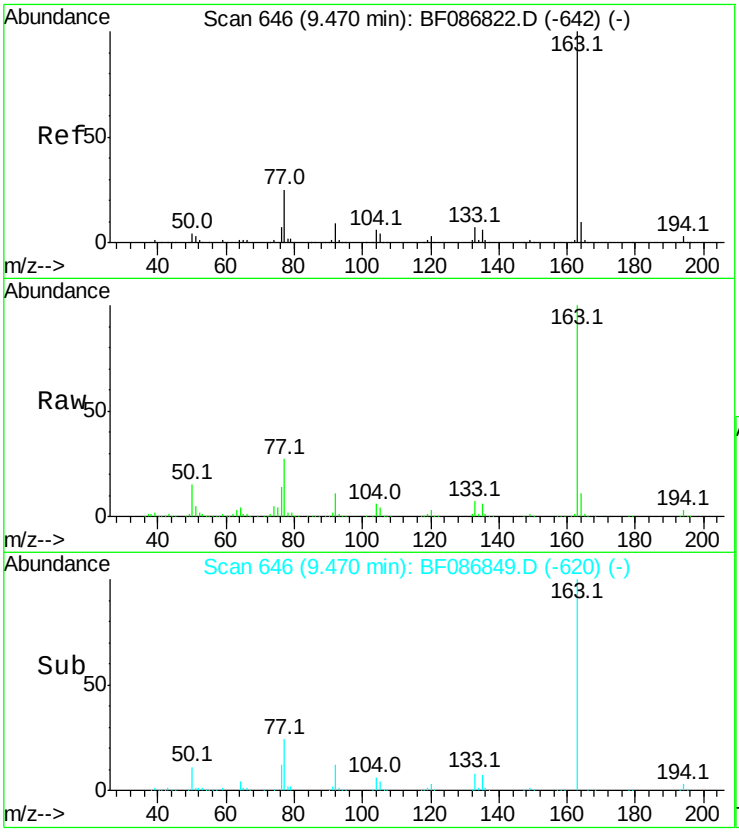


#48
Acenaphthylene
Concen: 49.73 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:152 Resp: 1440936

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.1	10.9	16.3

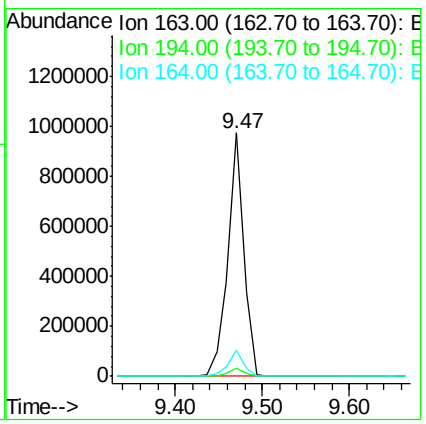




#49
Dimethylphthalate
Concen: 50.99 ng
RT: 9.47 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

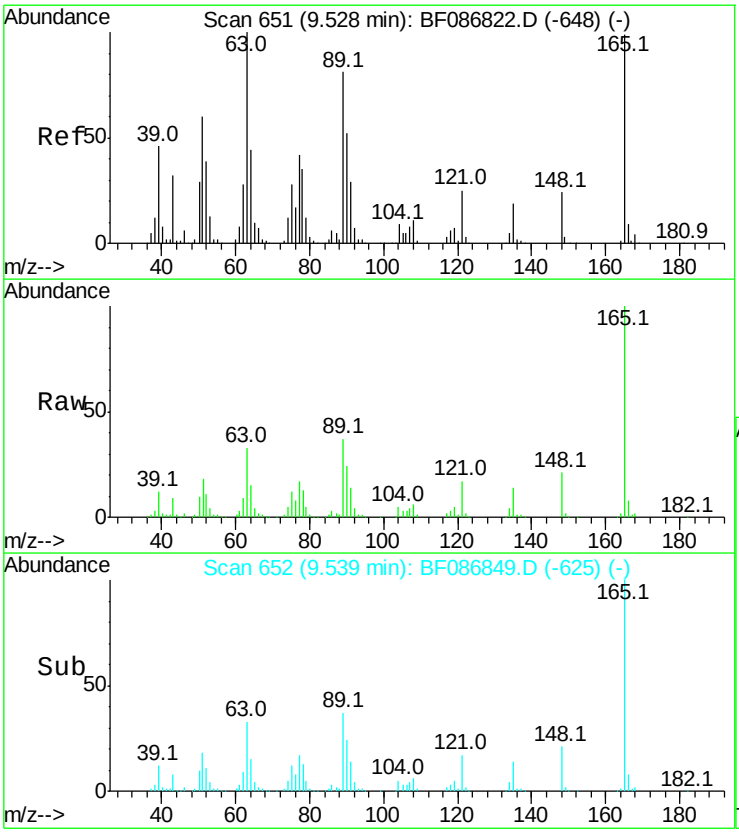
Tgt Ion:163 Resp: 1229599

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4



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

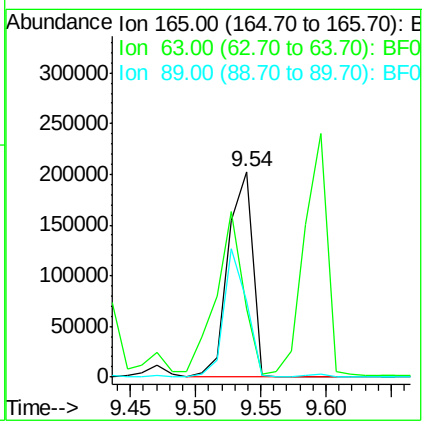
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

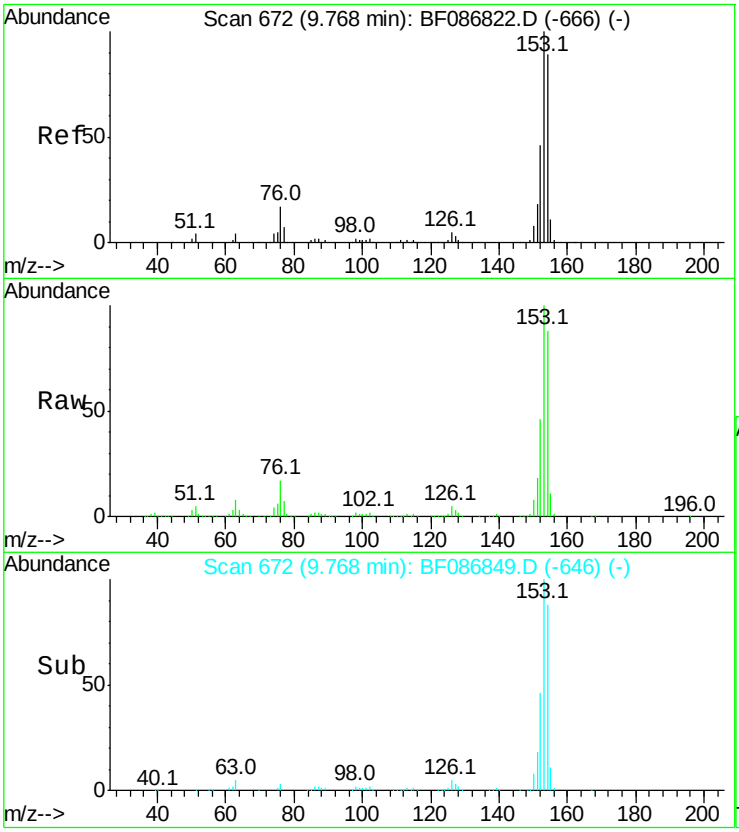


#50
2,6-Dinitrotoluene
Concen: 51.81 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:165 Resp: 262948

Ion	Ratio	Lower	Upper
165	100		
63	33.5	51.8	77.8#
89	36.7	50.7	76.1#

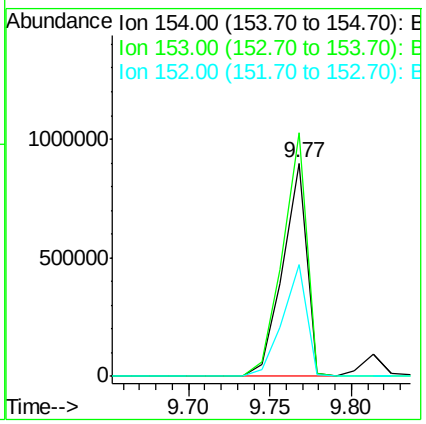




#51
Acenaphthene
Concen: 51.84 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

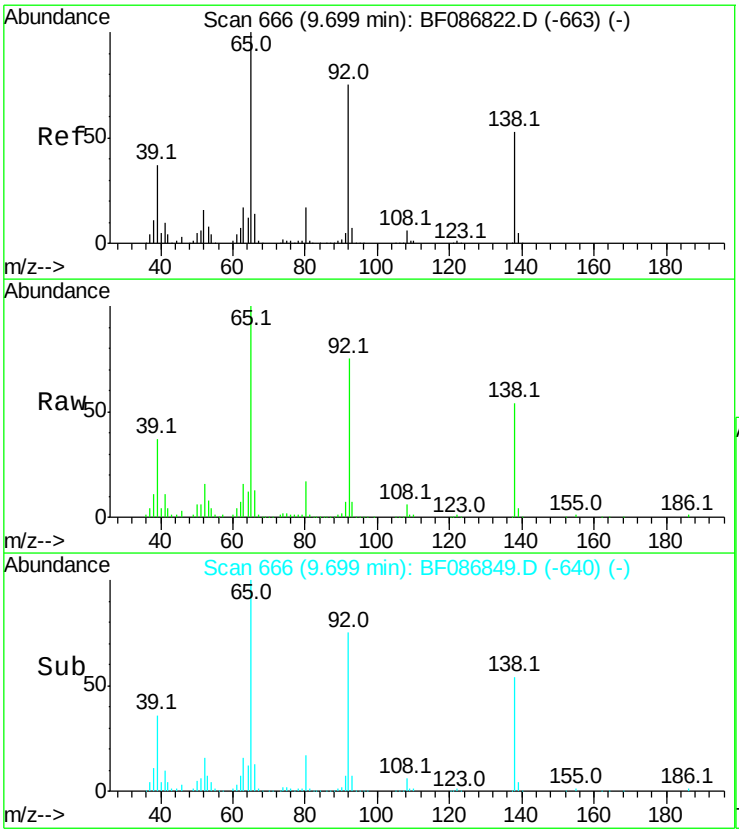
Tgt Ion:154 Resp: 934331

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.8	134.6
152	52.5	43.4	65.0



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

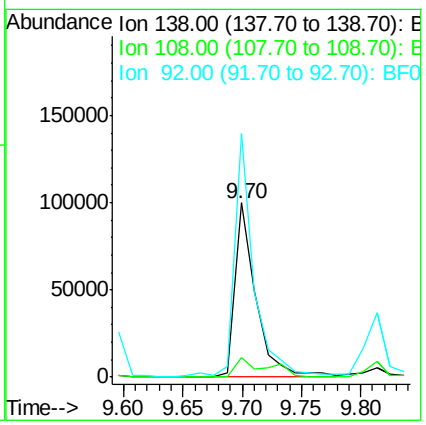
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

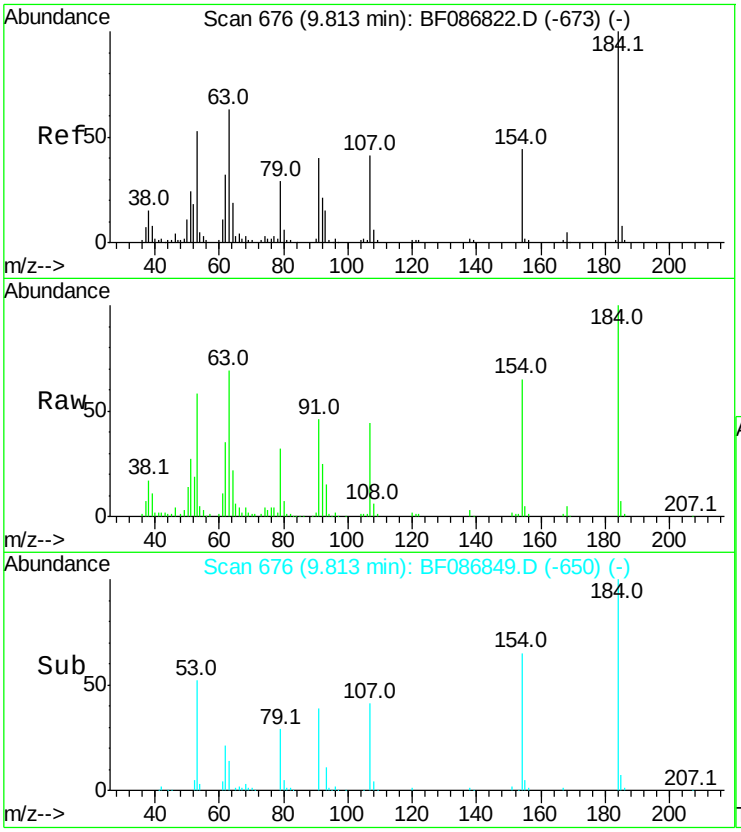


#52
3-Nitroaniline
Concen: 23.21 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:138 Resp: 124035

Ion	Ratio	Lower	Upper
138	100		
108	11.4	7.8	11.6
92	139.7	87.8	131.8#

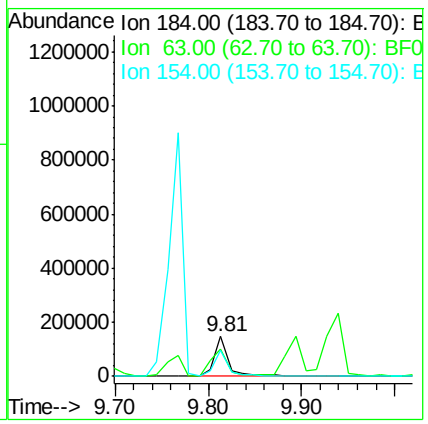




#53
2,4-Dinitrophenol
Concen: 62.37 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

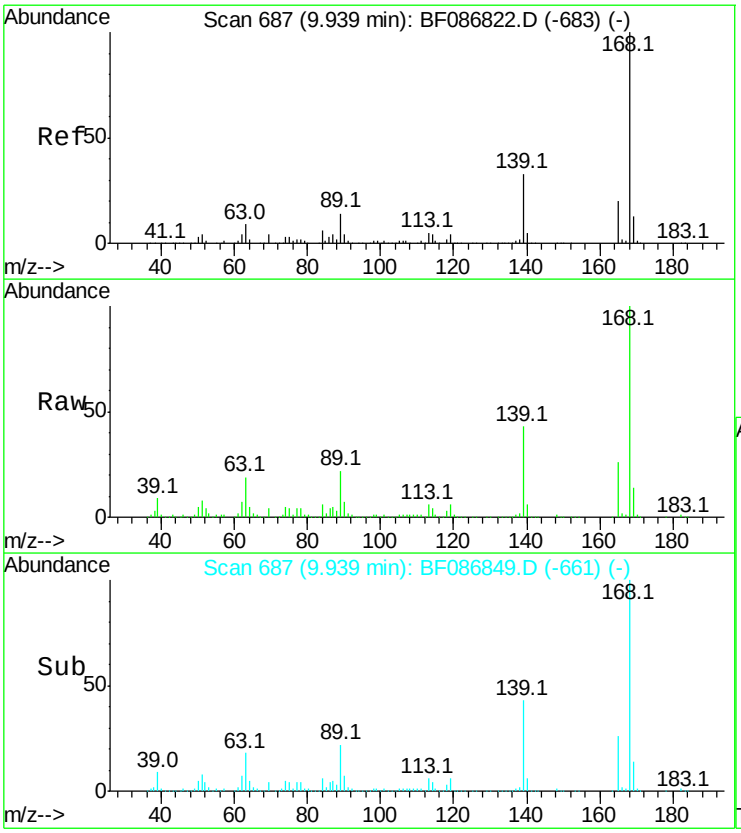
Tgt Ion:184 Resp: 156895

Ion	Ratio	Lower	Upper
184	100		
63	68.6	55.8	83.8
154	65.3	62.4	93.6



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

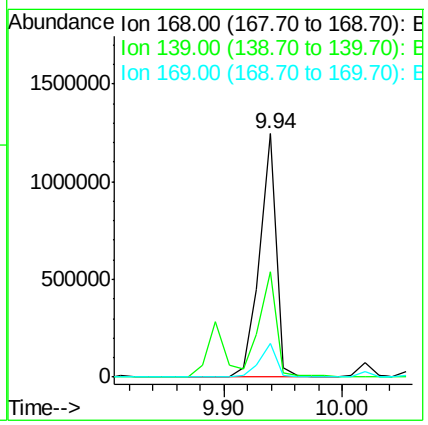
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

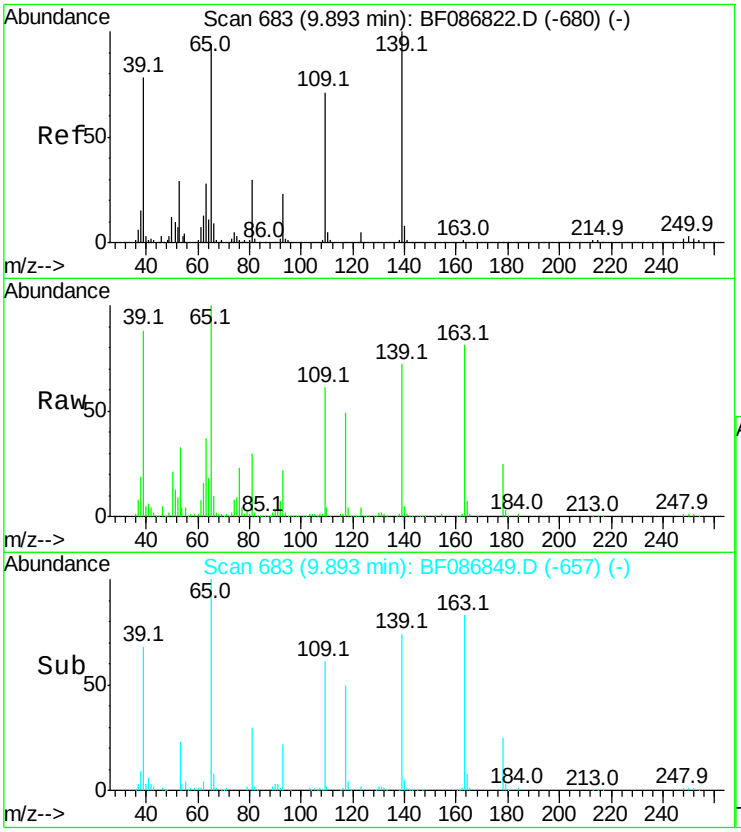


#54
Dibenzofuran
Concen: 53.37 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:168 Resp: 1234859

Ion	Ratio	Lower	Upper
168	100		
139	43.1	31.4	47.0
169	13.7	10.7	16.1





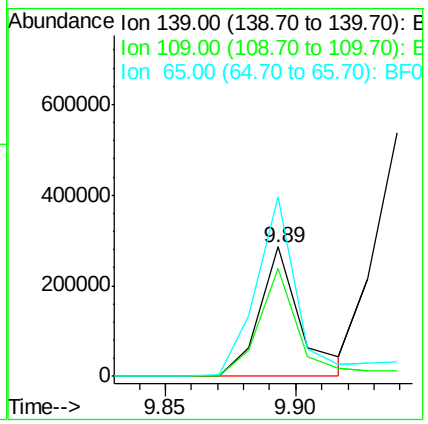
#55
4-Nitrophenol
Concen: 87.20 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

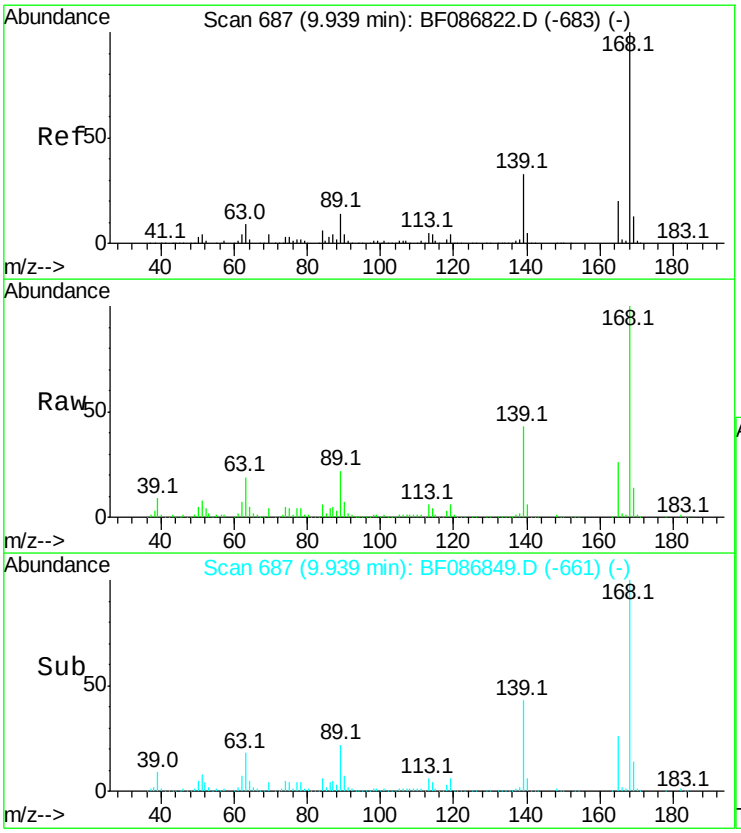
Tgt Ion:139 Resp: 312220

Ion	Ratio	Lower	Upper
139	100		
109	83.9	36.9	76.9#
65	138.6	64.0	104.0#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

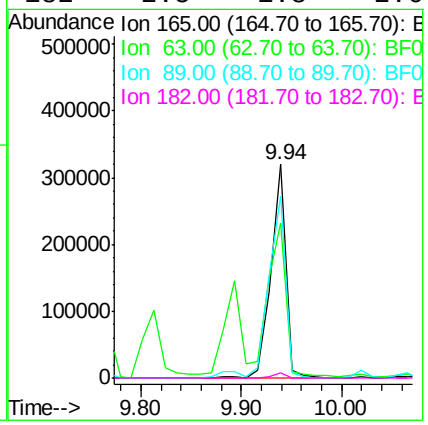


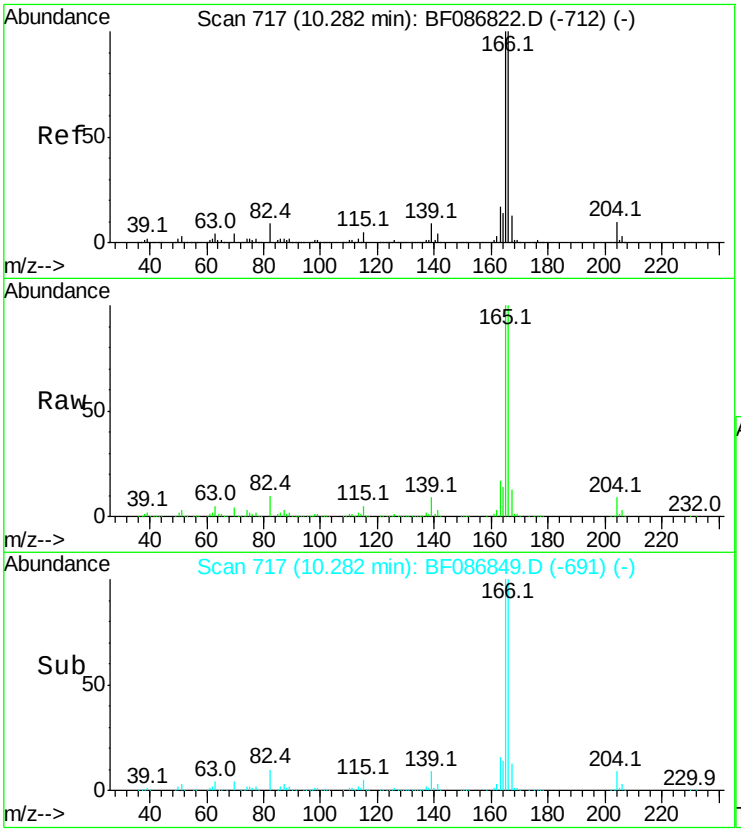


#56
2,4-Dinitrotoluene
Concen: 52.77 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:165 Resp: 331448

Ion	Ratio	Lower	Upper
165	100		
63	72.3	44.3	66.5#
89	84.9	70.0	105.0
182	2.5	1.8	2.6

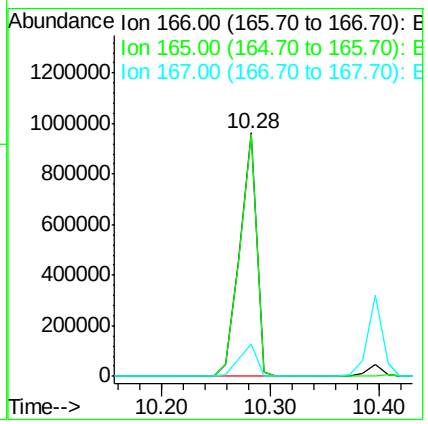




#57
Fluorene
Concen: 51.88 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

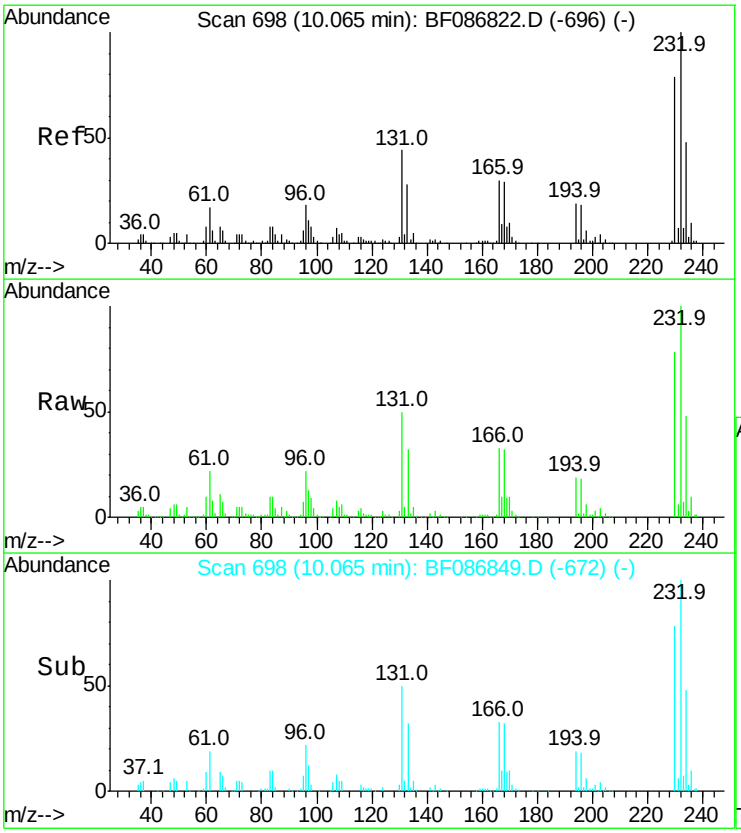
Tgt Ion:166 Resp: 1023721

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.0	118.6
167	13.2	10.6	15.8



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

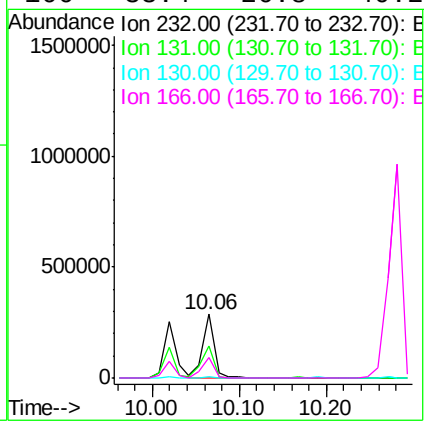
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

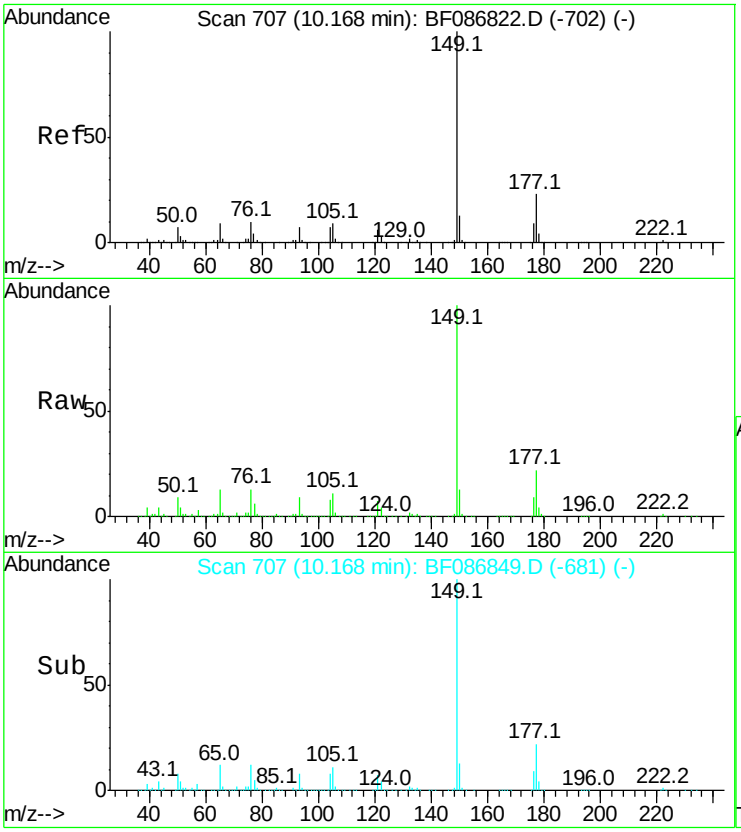


#58
2,3,4,6-Tetrachlorophenol
Concen: 54.82 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:232 Resp: 262318

Ion	Ratio	Lower	Upper
232	100		
131	54.6	41.9	62.9
130	2.8	2.2	3.4
166	33.4	26.8	40.2

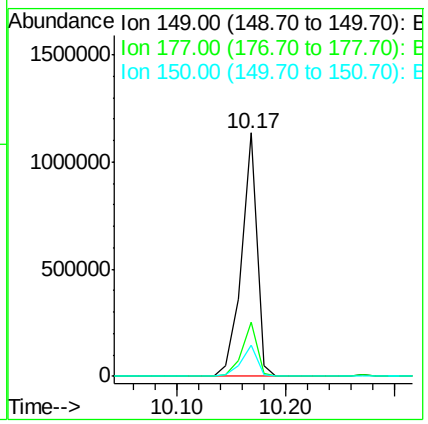




#59
Diethylphthalate
Concen: 46.93 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

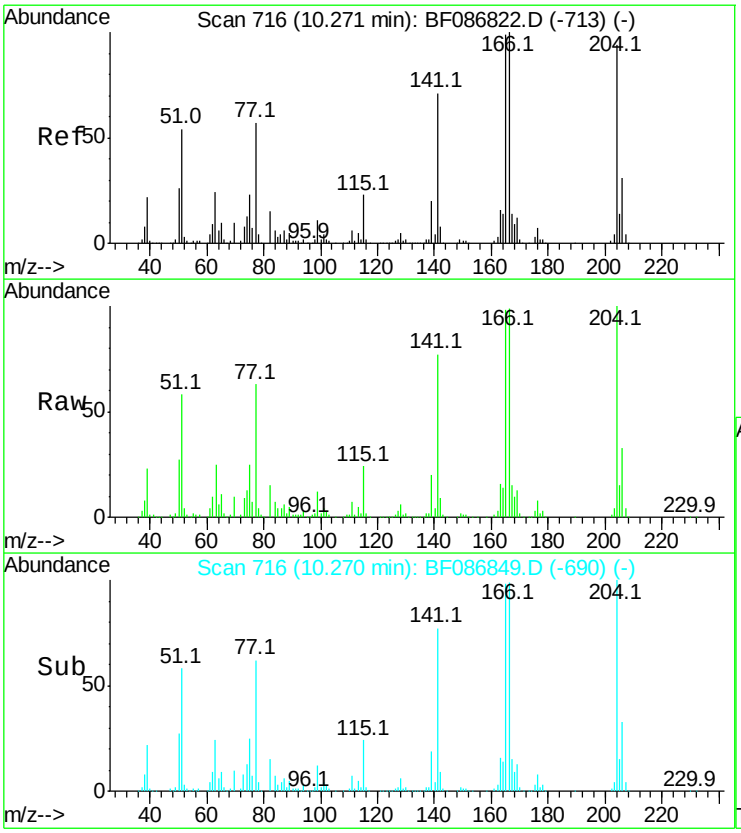
Tgt Ion:149 Resp: 1102819

Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.6	24.8
150	13.0	10.0	15.0



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

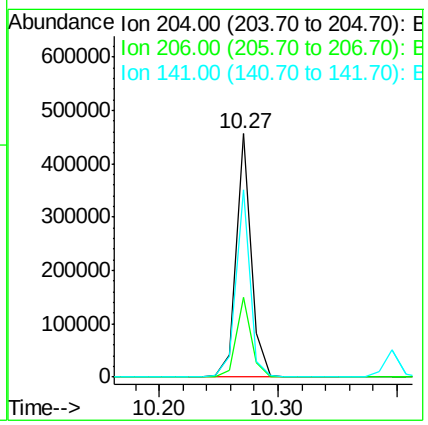
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

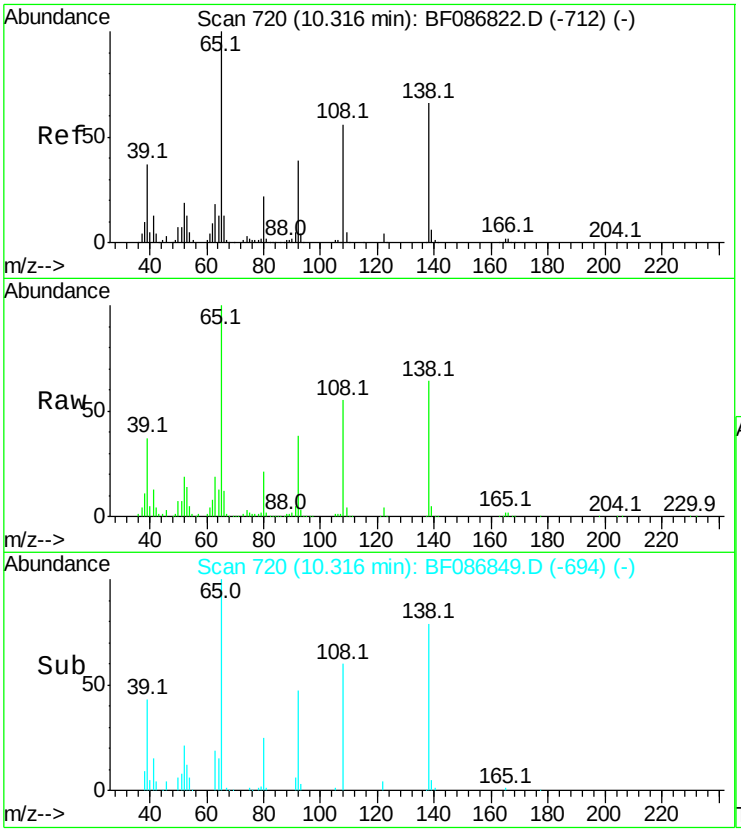


#60
4-Chlorophenyl-phenylether
Concen: 47.62 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:204 Resp: 402924

Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.4	38.0
141	77.0	61.6	92.4

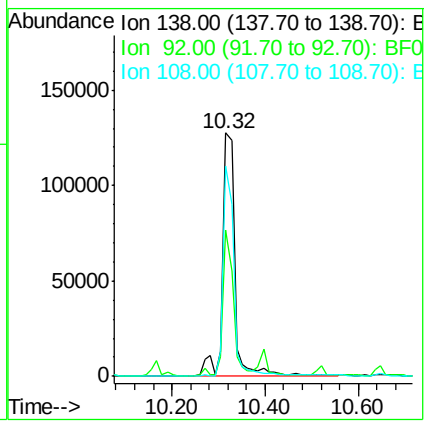




#61
4-Nitroaniline
Concen: 45.21 ng
RT: 10.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

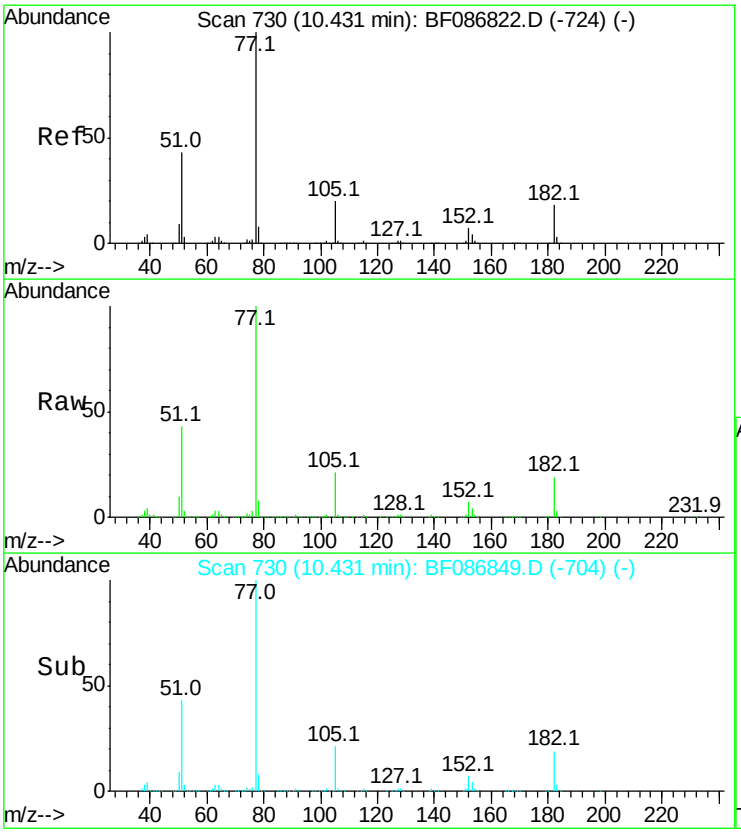
Tgt Ion:138 Resp: 231998

Ion	Ratio	Lower	Upper
138	100		
92	60.0	24.7	64.7
108	86.4	37.4	77.4#



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

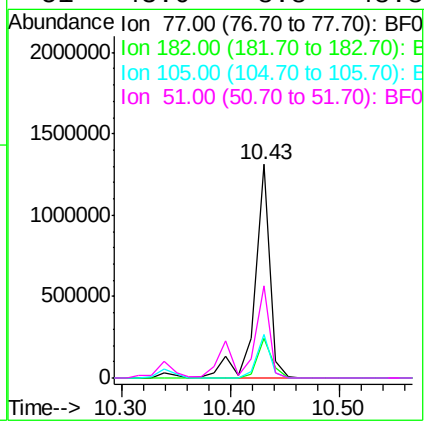
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

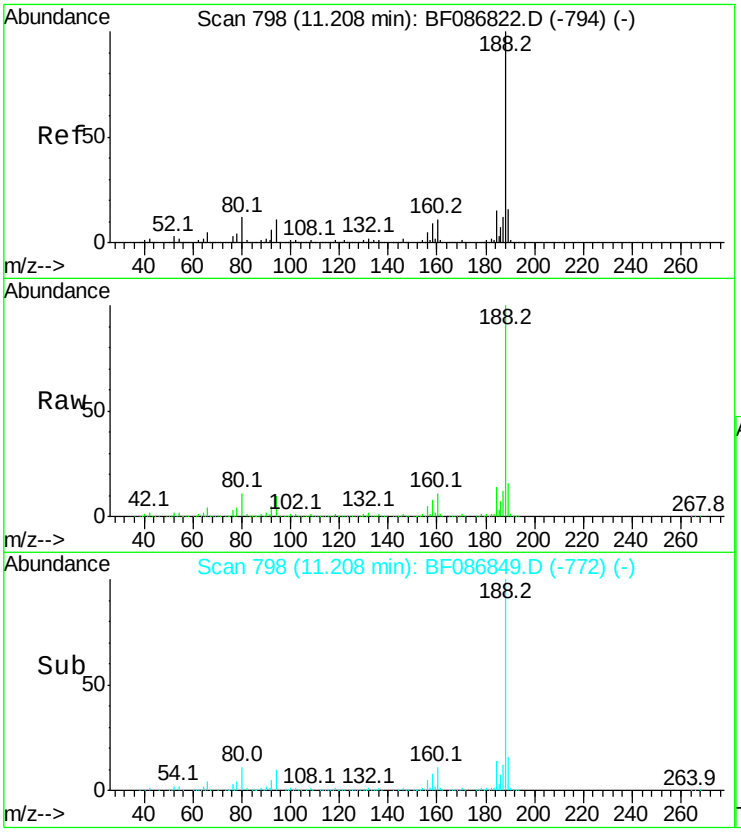


#62
Azobenzene
Concen: 49.91 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion: 77 Resp: 1265345

Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.0	38.8
105	20.6	3.2	43.2
51	43.0	8.8	48.8





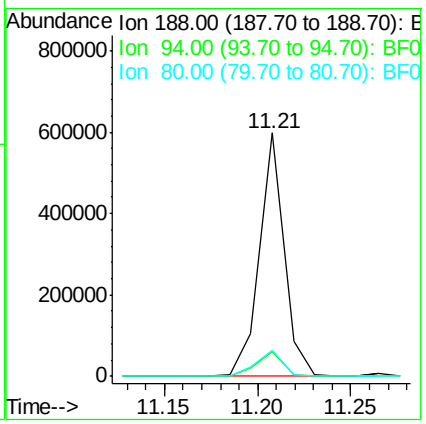
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

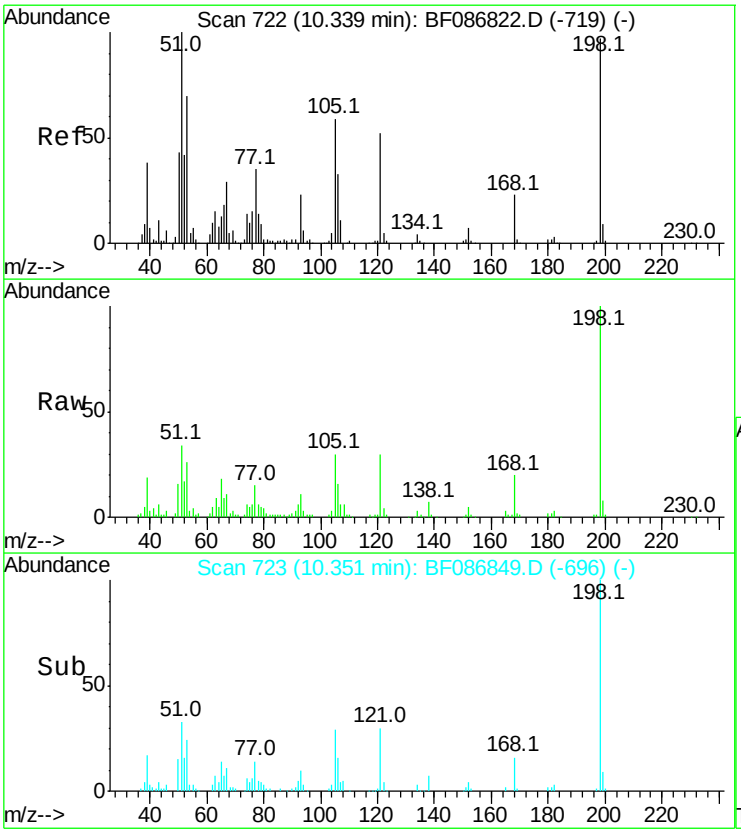
Tgt Ion:188 Resp: 547807

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.8	10.2#
80	10.9	7.1	10.7#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

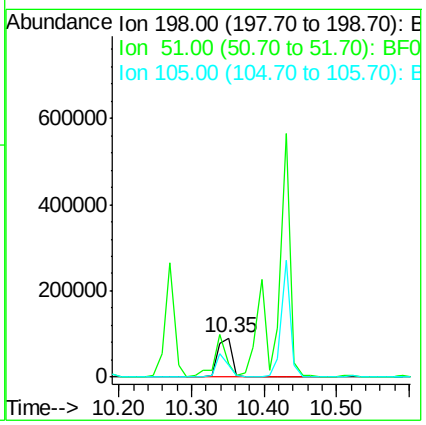


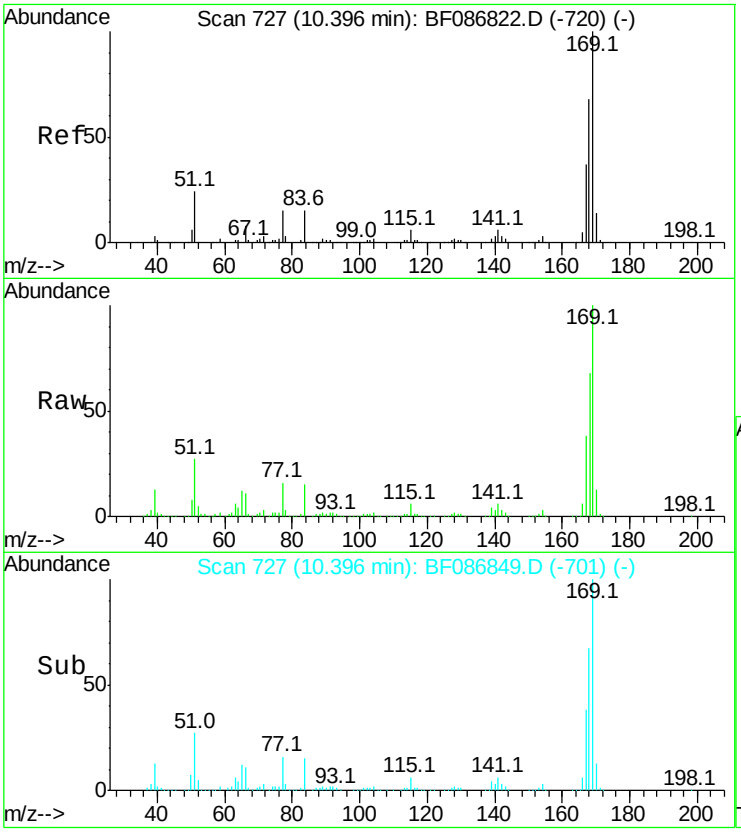


#64
4,6-Dinitro-2-methylphenol
Concen: 37.58 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:198 Resp: 127876

Ion	Ratio	Lower	Upper
198	100		
51	33.7	20.5	60.5
105	29.7	24.5	64.5

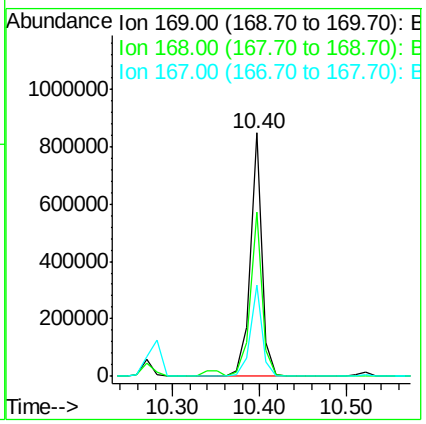




#65
n-Nitrosodiphenylamine
Concen: 47.72 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

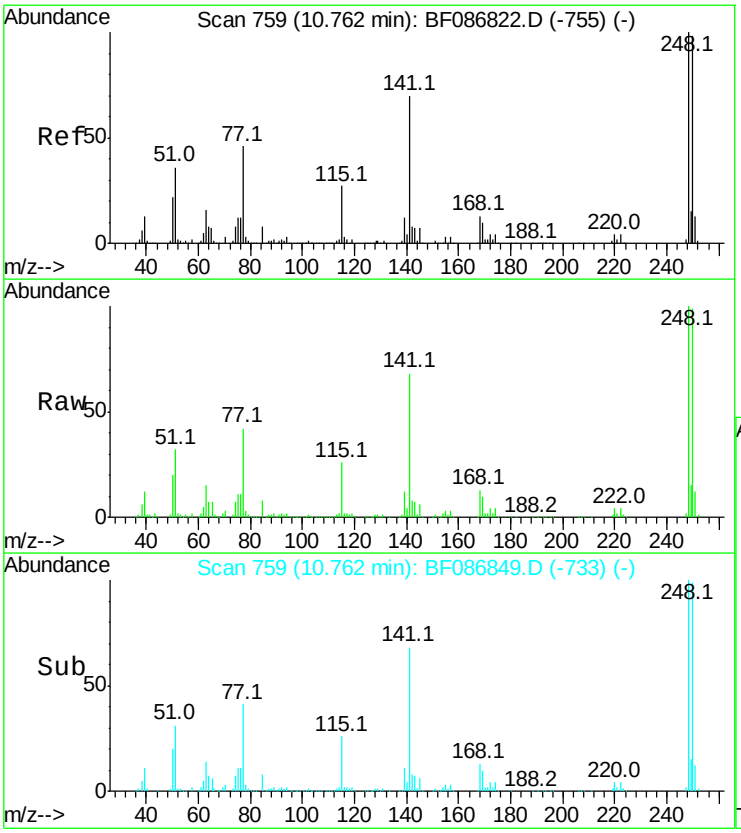
Tgt Ion:169 Resp: 803060

Ion	Ratio	Lower	Upper
169	100		
168	67.5	53.8	80.6
167	37.7	29.5	44.3



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

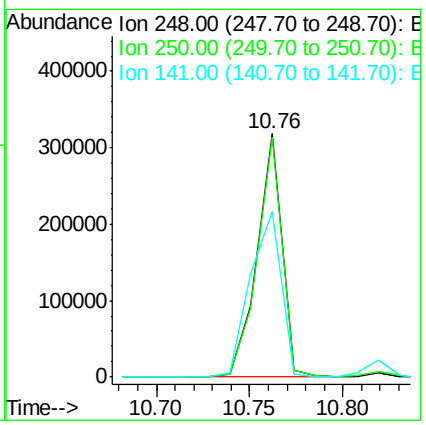
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

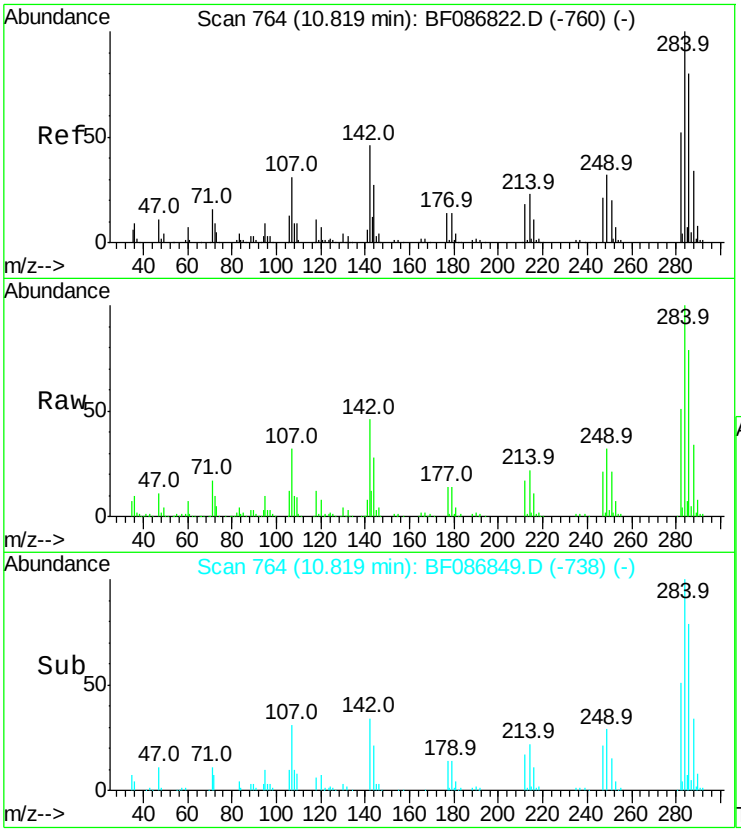


#66
4-Bromophenyl-phenylether
Concen: 52.67 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:248 Resp: 292522

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.6	117.8
141	67.9	76.0	114.0#





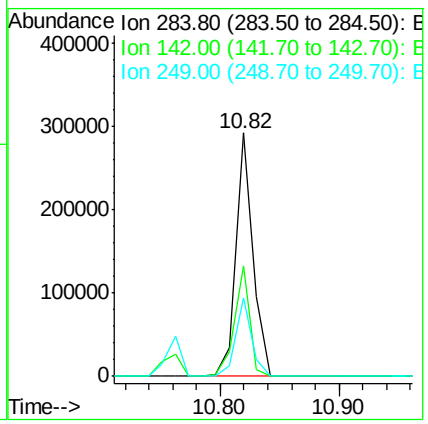
#67
Hexachlorobenzene
Concen: 45.09 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

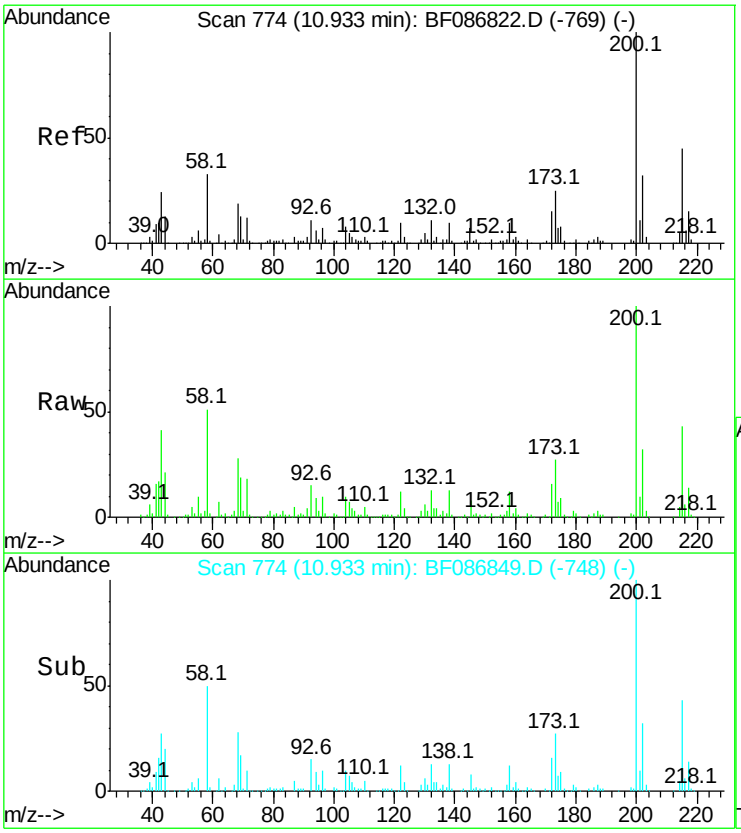
Tgt Ion:284 Resp: 292697

Ion	Ratio	Lower	Upper
284	100		
142	45.6	16.7	25.1#
249	32.4	21.3	31.9#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

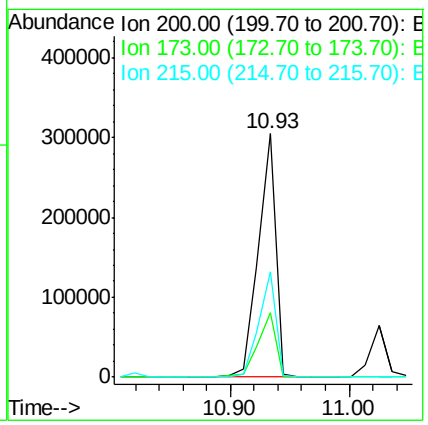


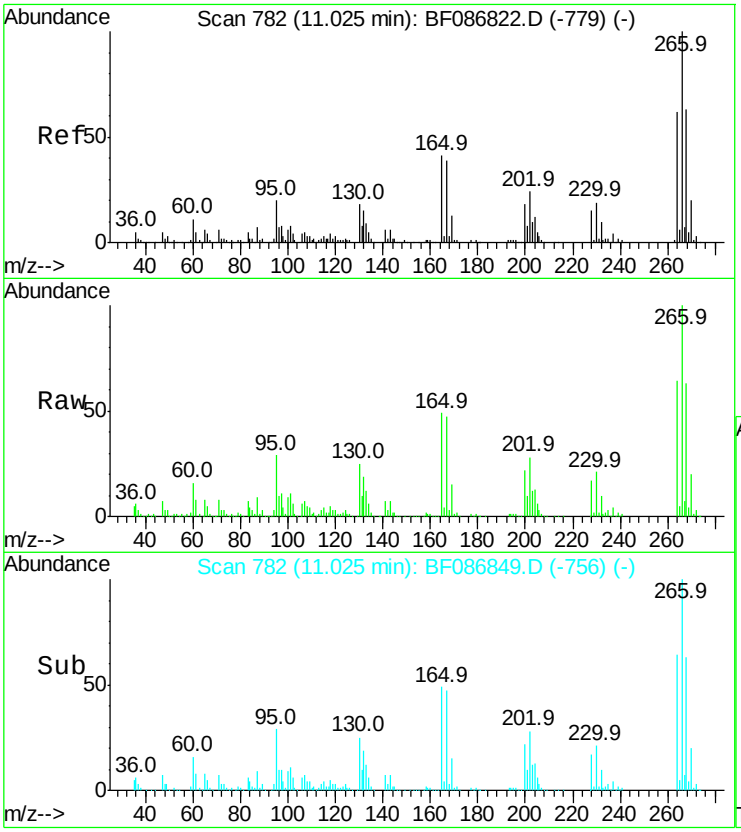


#68
Atrazine
Concen: 56.02 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:200 Resp: 314919

Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.5	48.5
215	43.3	27.2	67.2

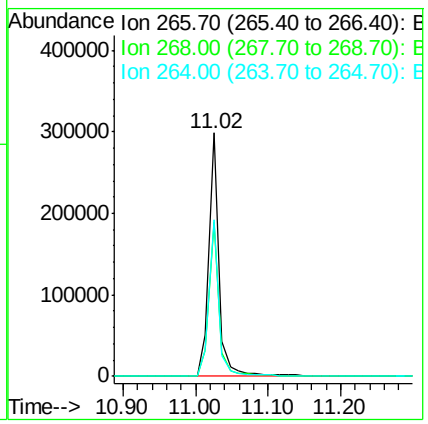




#69
Pentachlorophenol
Concen: 99.17 ng
RT: 11.02 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

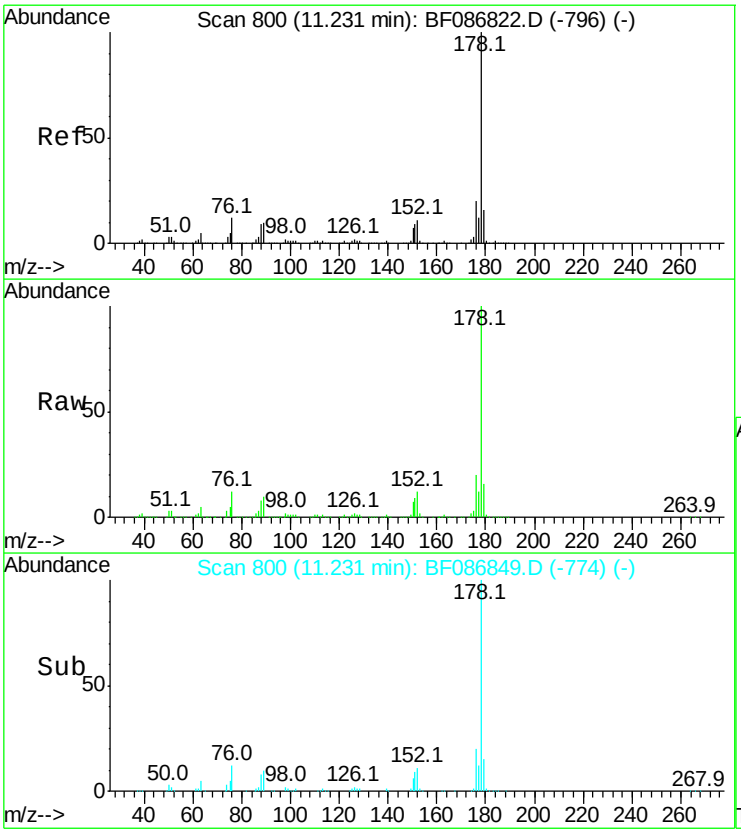
Tgt Ion:266 Resp: 297486

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	64.2	52.9	79.3



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

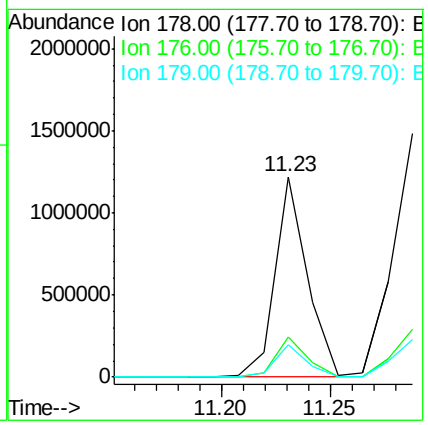
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

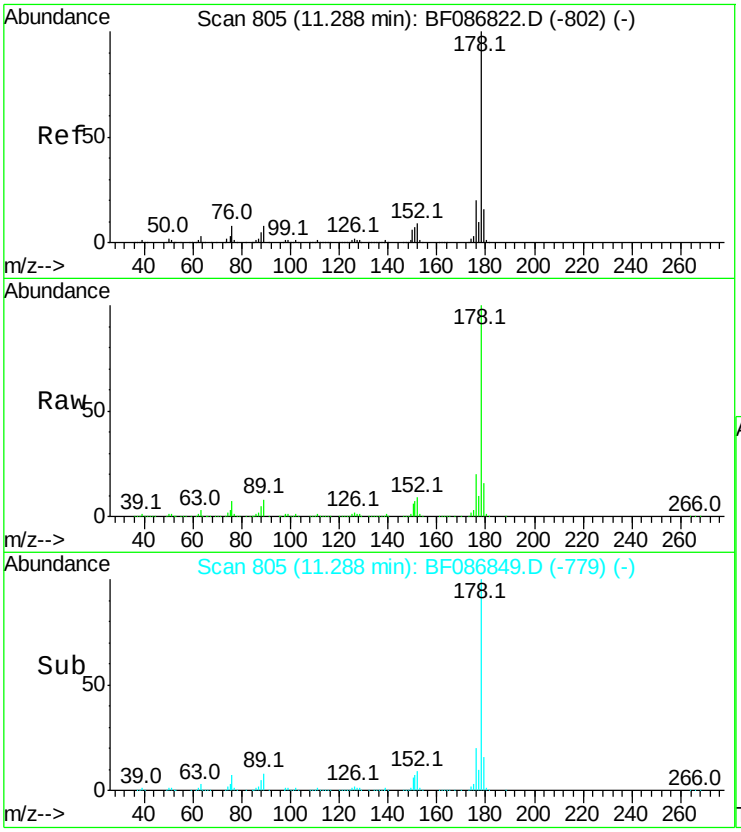


#70
Phenanthrene
Concen: 43.16 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:178 Resp: 1261686

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.0	24.0
179	16.0	12.6	18.8

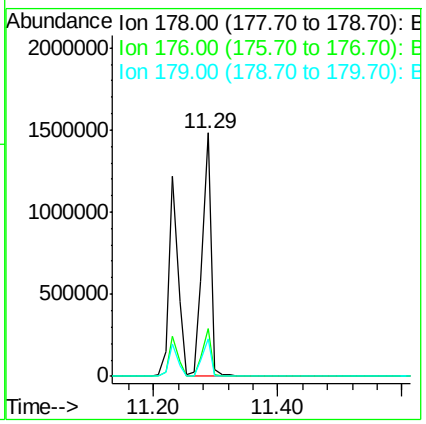




#71
Anthracene
Concen: 49.47 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

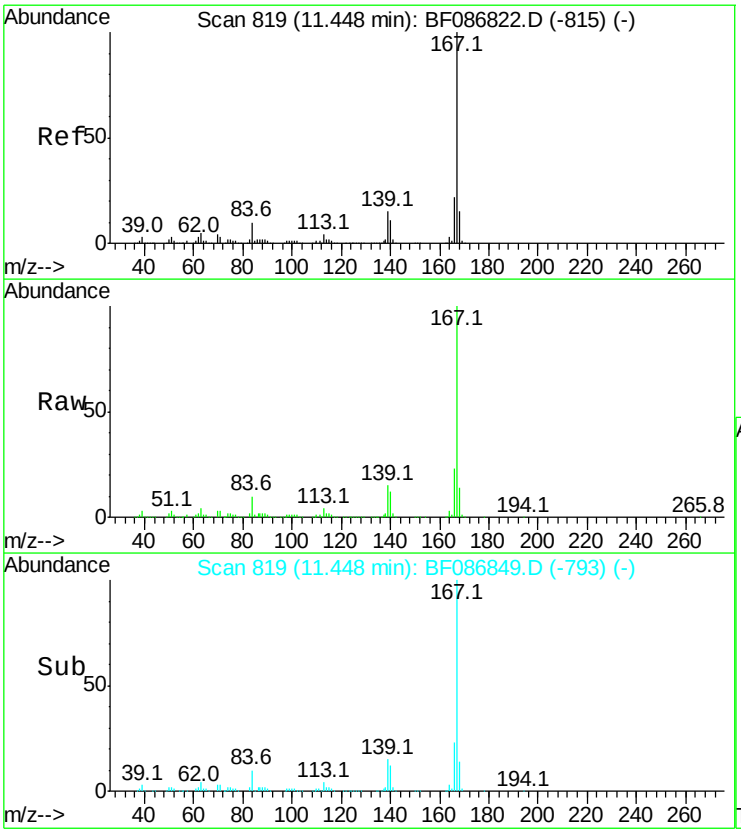
Tgt Ion:178 Resp: 1479082

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.6	12.7	19.1



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

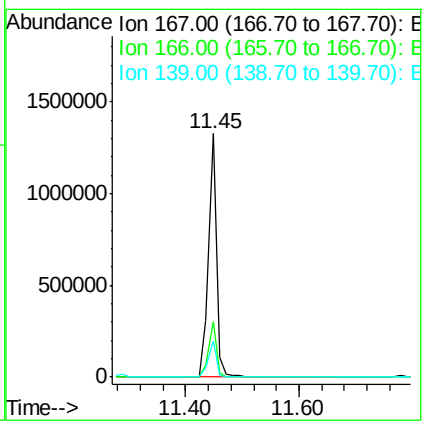
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

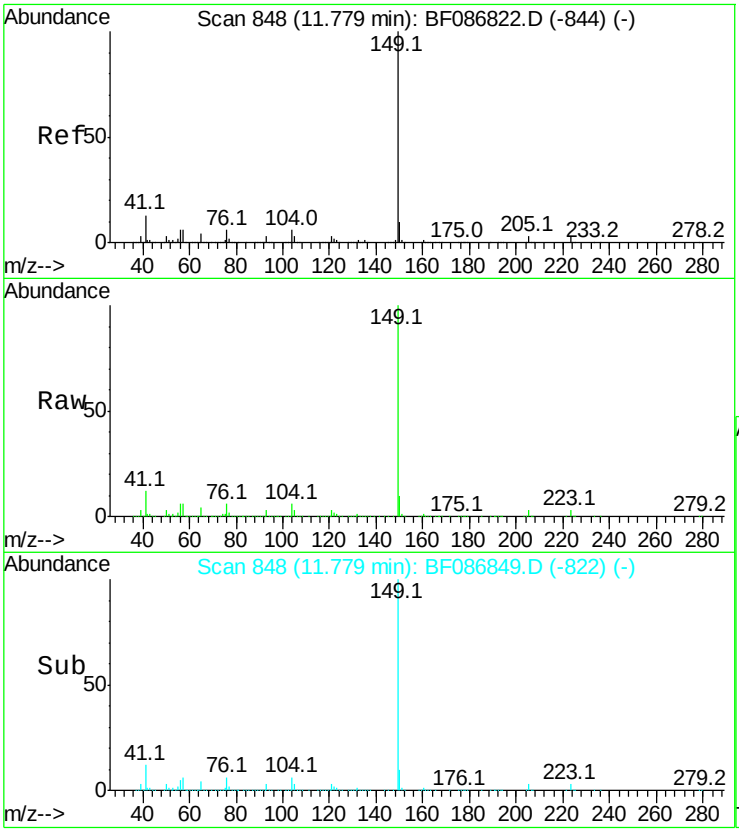


#72
Carbazole
Concen: 48.48 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:167 Resp: 1245933

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.7	26.5
139	14.9	10.8	16.2





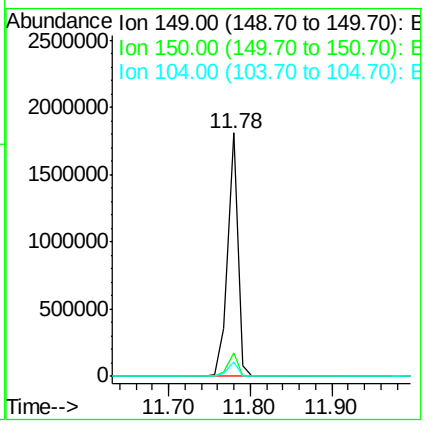
#73
Di-n-butylphthalate
Concen: 49.63 ng
RT: 11.78 min Scan# 848
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

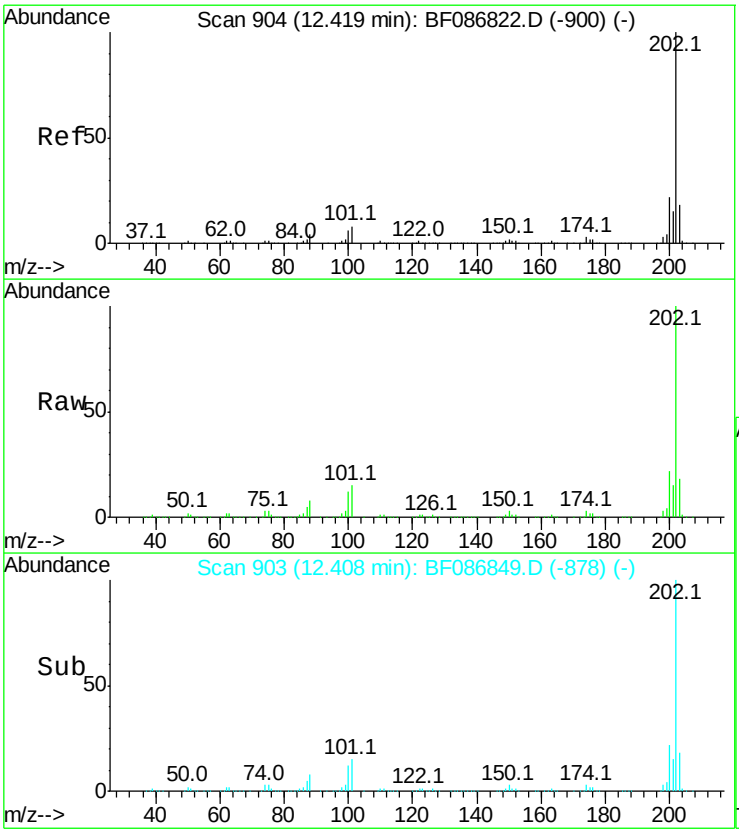
Tgt Ion:149 Resp: 1557755

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	6.0	3.8	5.6#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

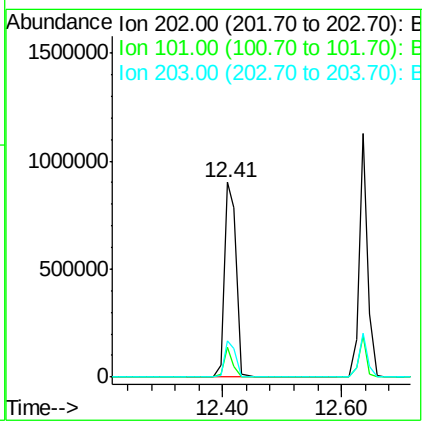


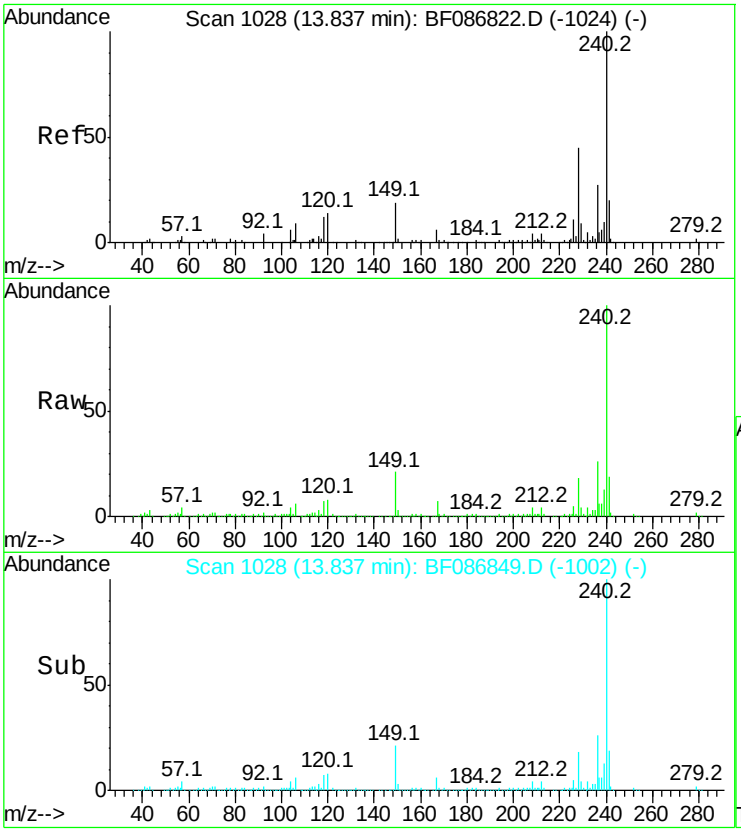


#74
Fluoranthene
Concen: 40.68 ng
RT: 12.41 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:202 Resp: 1223168

Ion	Ratio	Lower	Upper
202	100		
101	15.4	0.0	35.4
203	18.3	0.0	38.1

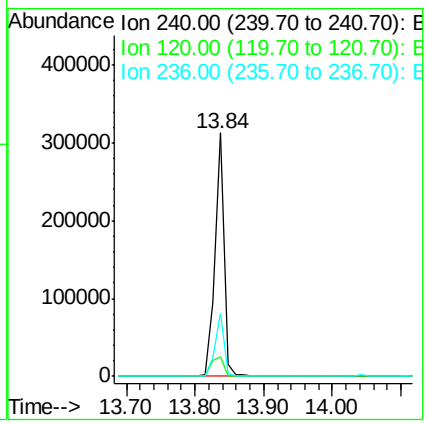




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

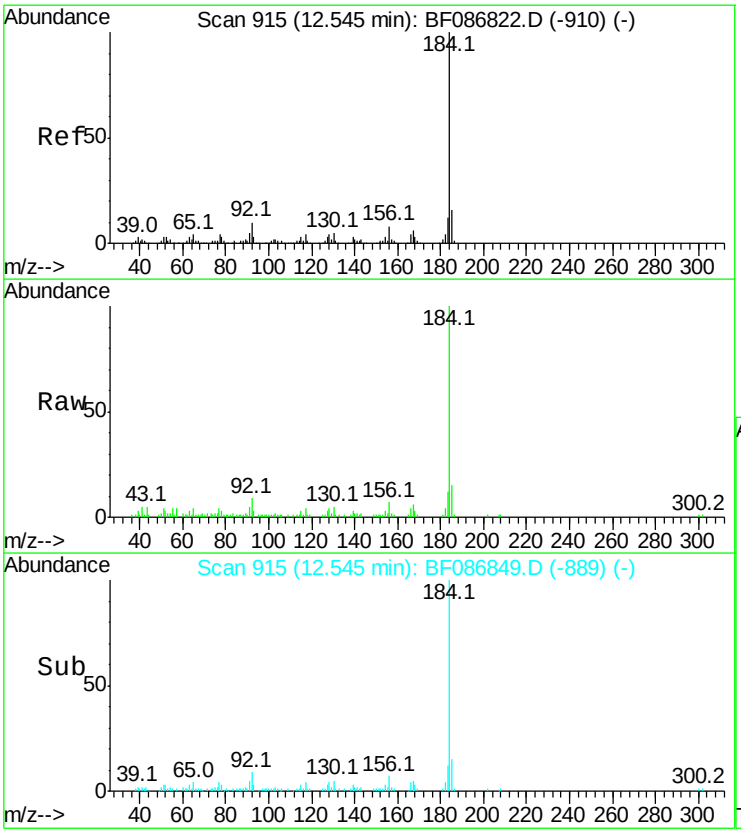
Tgt Ion:240 Resp: 297786

Ion	Ratio	Lower	Upper
240	100		
120	8.3	11.2	16.8#
236	26.1	21.2	31.8



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

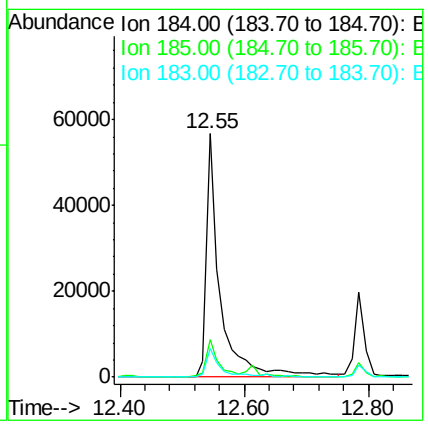
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

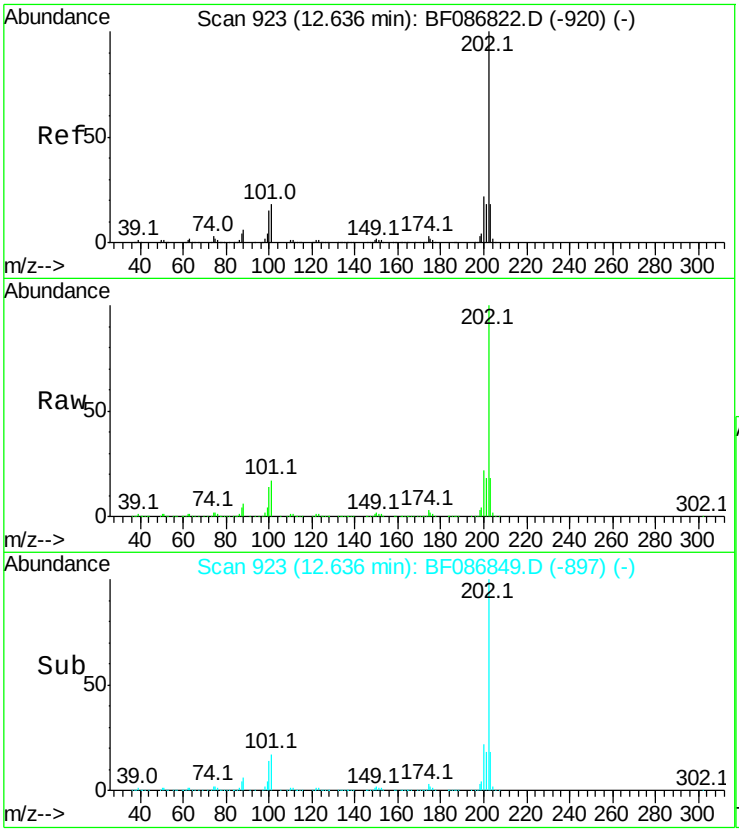


#76
Benzidine
Concen: 11.53 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:184 Resp: 87565

Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.6	20.4
183	11.7	9.8	14.6

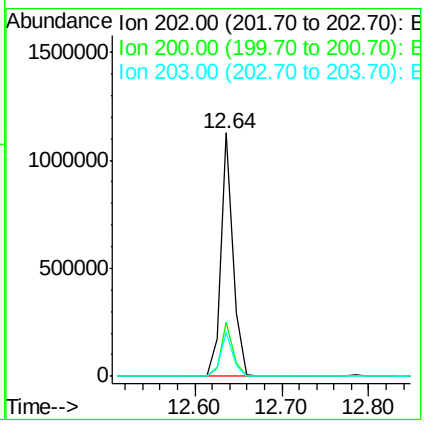




#77
Pyrene
Concen: 48.56 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

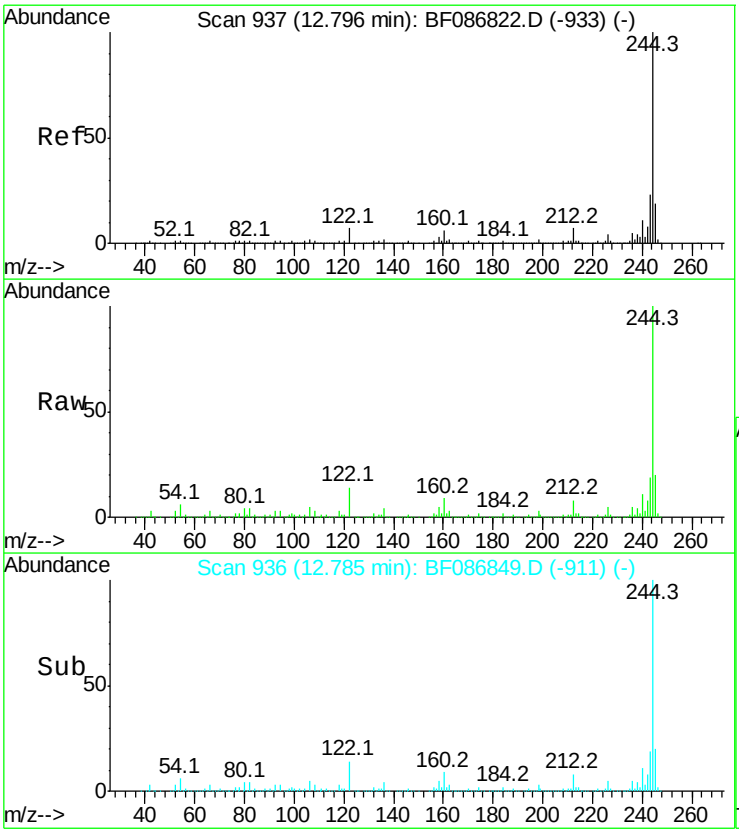
Tgt Ion:202 Resp: 1107119

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.9	14.2	21.4



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

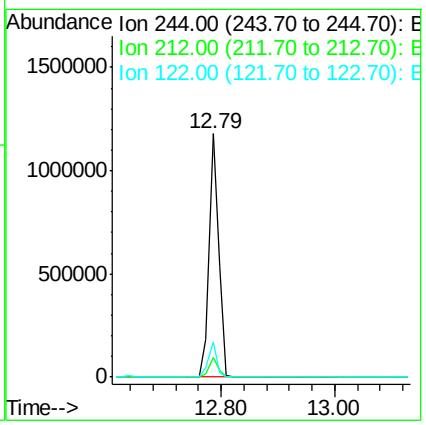
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

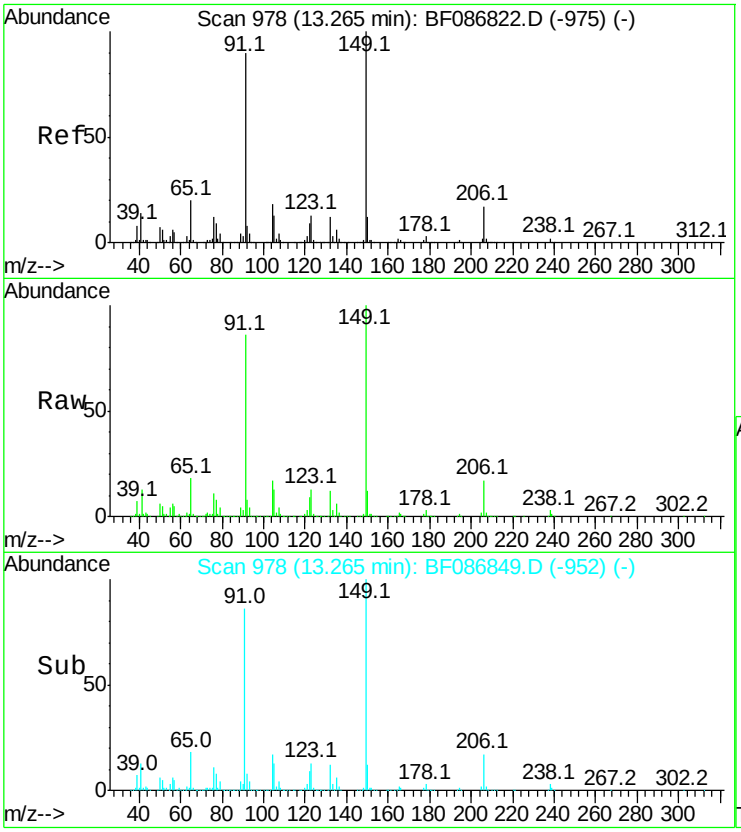


#78
Terphenyl-d14
Concen: 94.14 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:244 Resp: 1321338

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.4	12.0	18.0

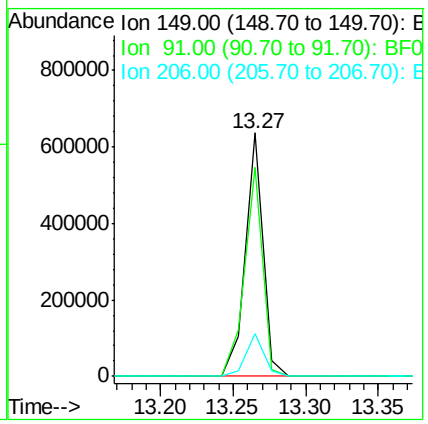




#79
Butylbenzylphthalate
Concen: 56.22 ng
RT: 13.27 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

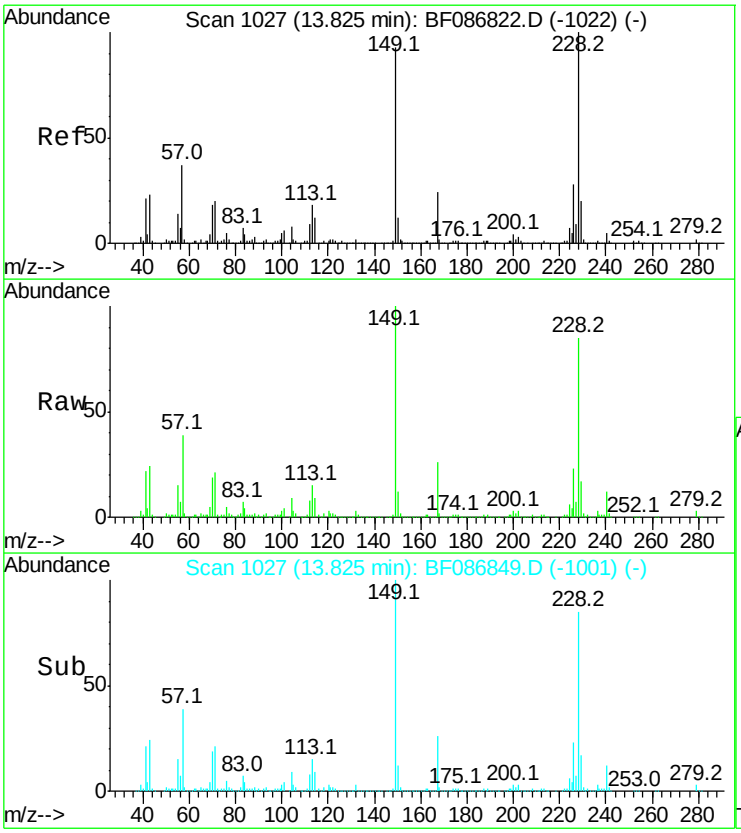
Tgt Ion:149 Resp: 542148

Ion	Ratio	Lower	Upper
149	100		
91	85.7	48.0	72.0#
206	17.3	15.8	23.6



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

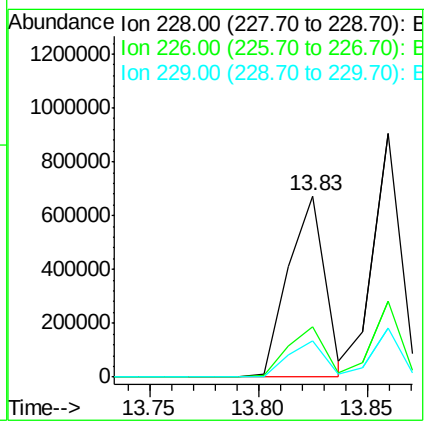
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

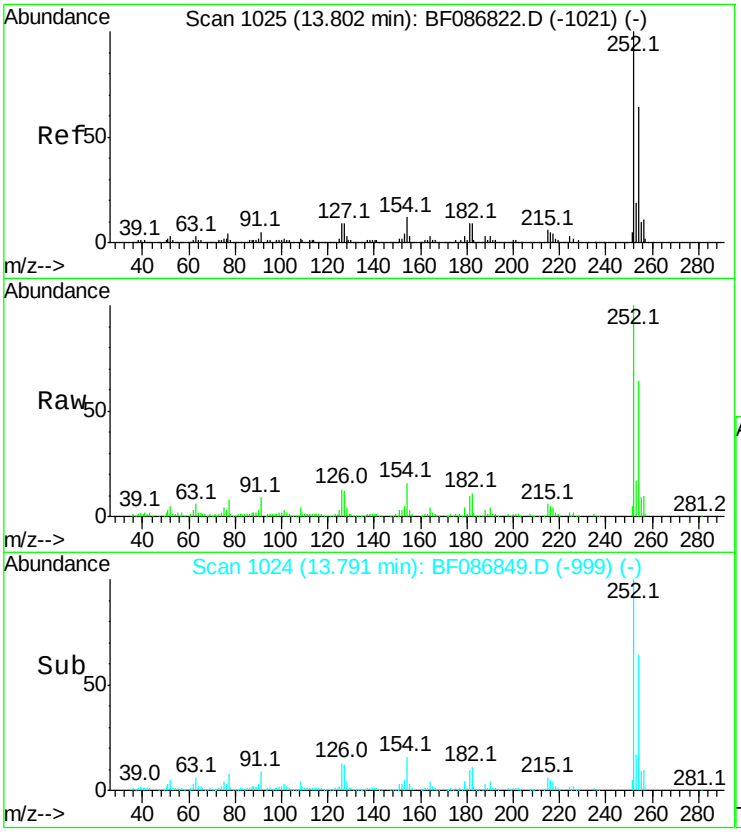


#80
Benzo(a)anthracene
Concen: 47.38 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:228 Resp: 792116

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.5	33.7
229	20.0	16.6	25.0

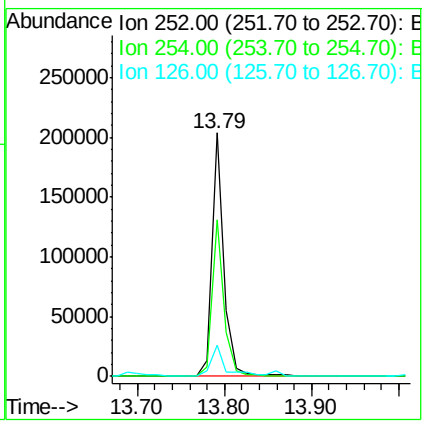




#81
3,3'-Dichlorobenzidine
Concen: 18.63 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

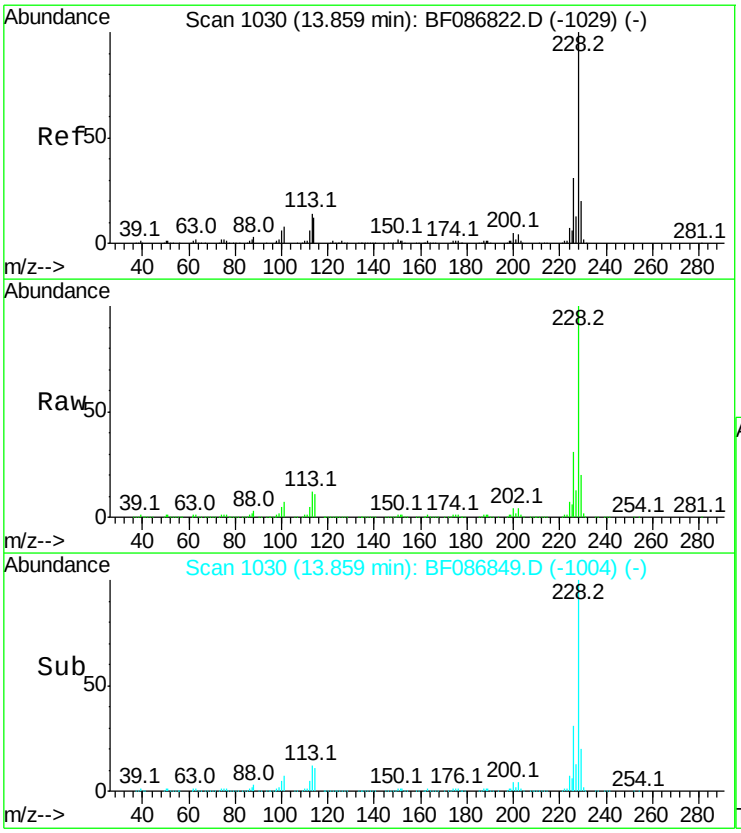
Tgt Ion:252 Resp: 197840

Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.7	76.1
126	12.8	12.7	19.1



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

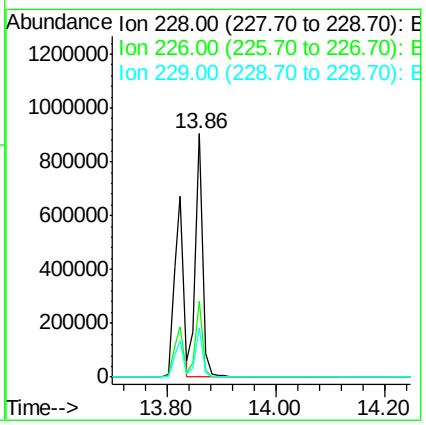
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

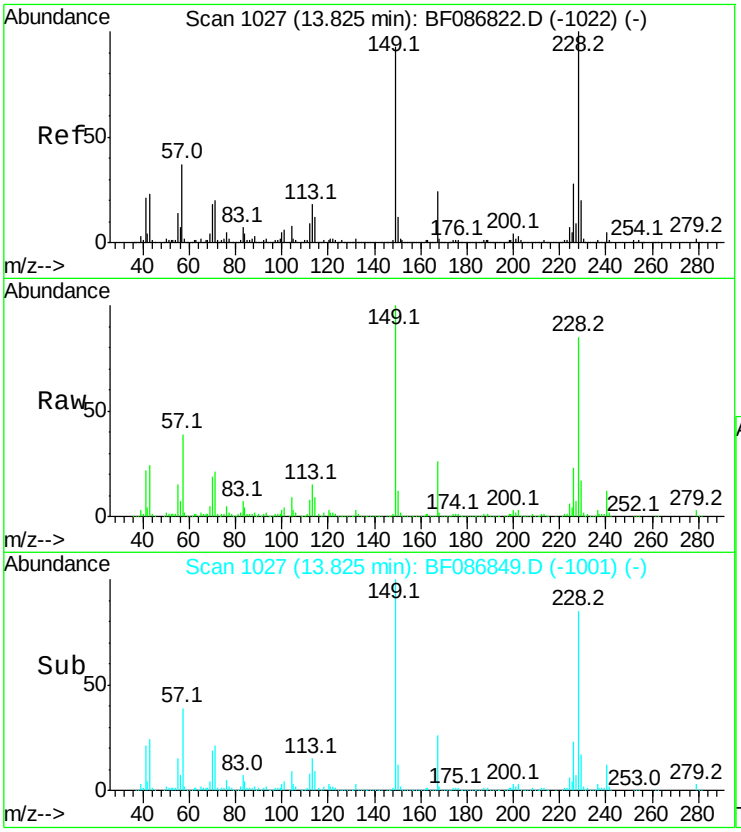


#82
Chrysene
Concen: 48.41 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:228 Resp: 823238

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.2	15.8	23.8





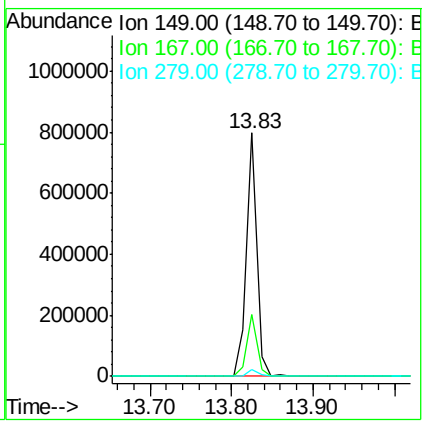
#83
Bis(2-ethylhexyl)phthalate
Concen: 60.57 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

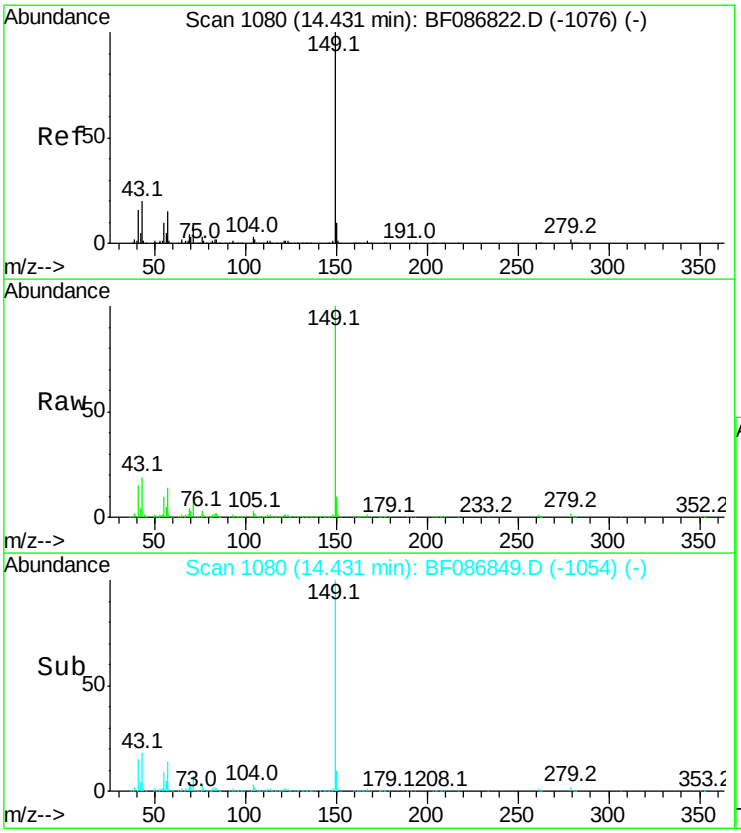
Tgt Ion:149 Resp: 702546

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.8	32.6
279	2.7	2.6	4.0

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

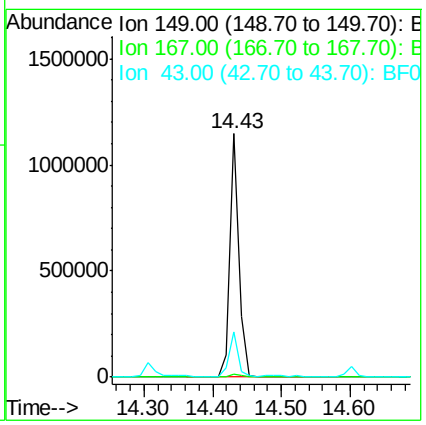


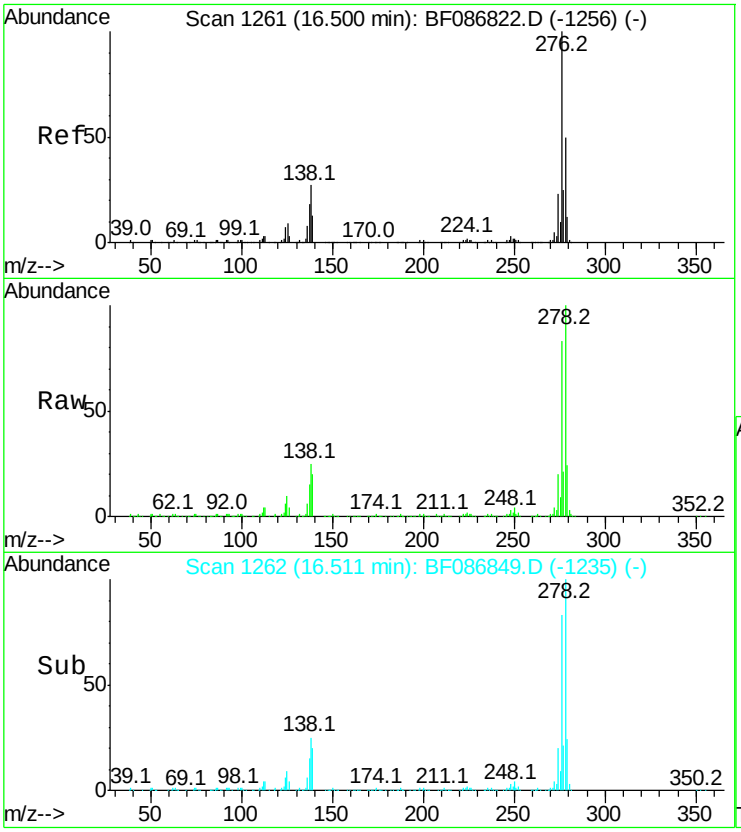


#84
Di-n-octyl phthalate
Concen: 55.43 ng
RT: 14.43 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:149 Resp: 1064980

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	17.7	8.2	12.4#





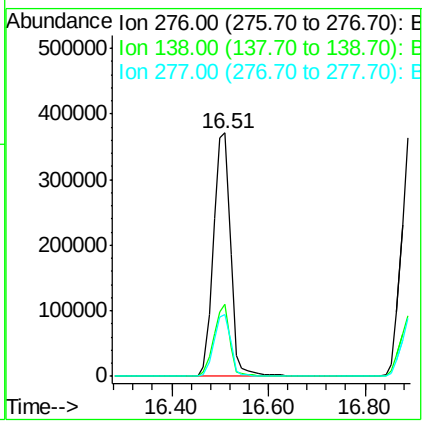
#85
Indeno(1,2,3-cd)pyrene
Concen: 65.76 ng
RT: 16.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

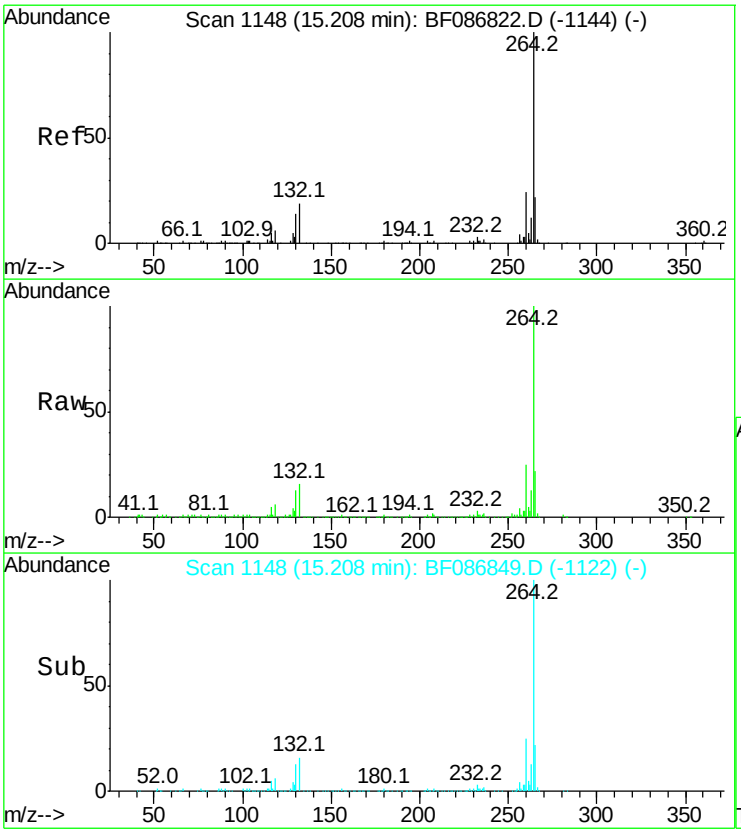
Tgt Ion:276 Resp: 930424

Ion	Ratio	Lower	Upper
276	100		
138	27.8	25.6	38.4
277	25.4	20.5	30.7

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

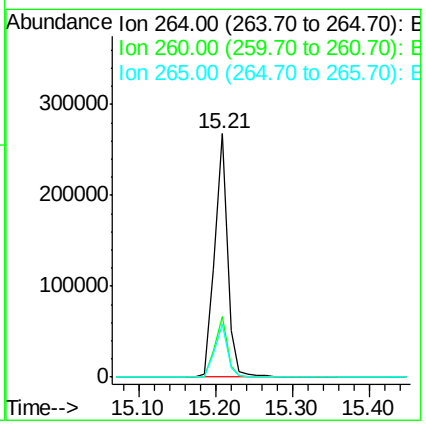


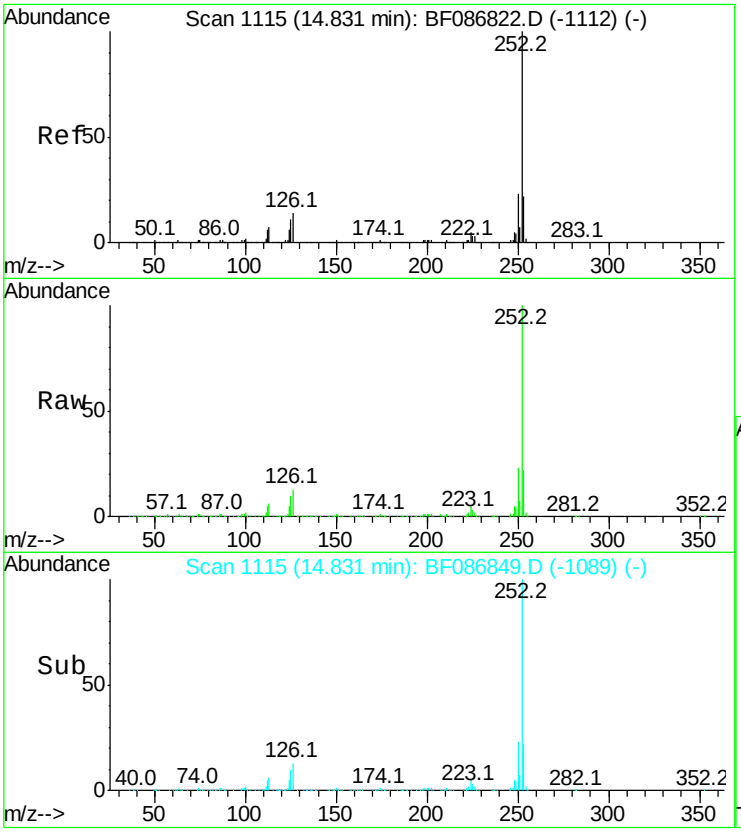


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:264 Resp: 313676

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.9	17.3	25.9

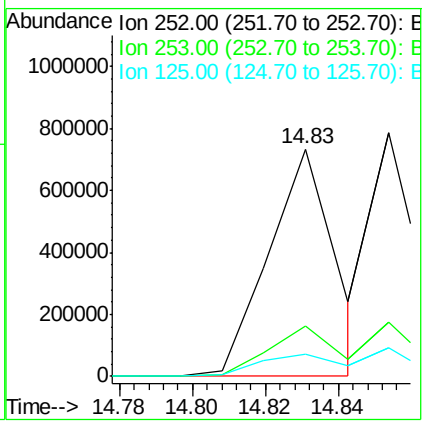




#87
Benzo(b)fluoranthene
Concen: 45.08 ng m
RT: 14.83 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

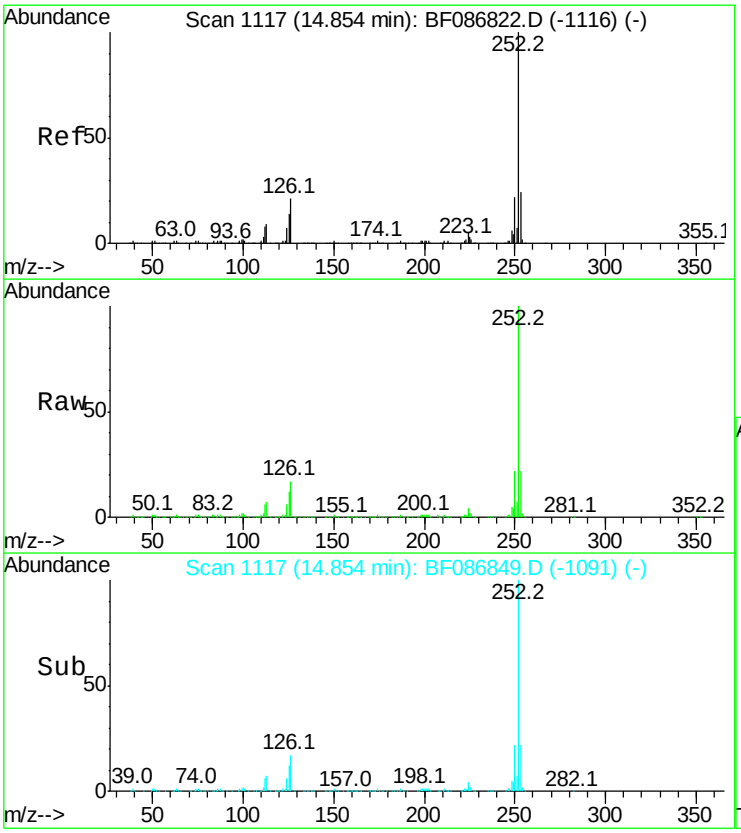
Tgt Ion:252 Resp: 919070

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	9.7	11.4	17.0#



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

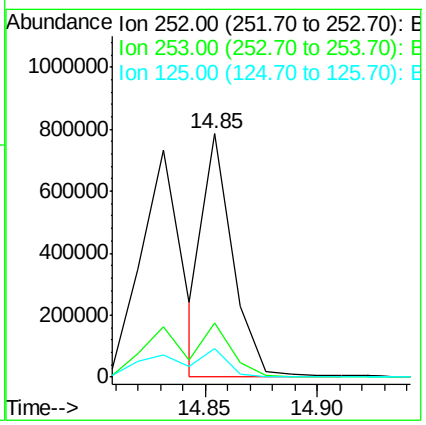
Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

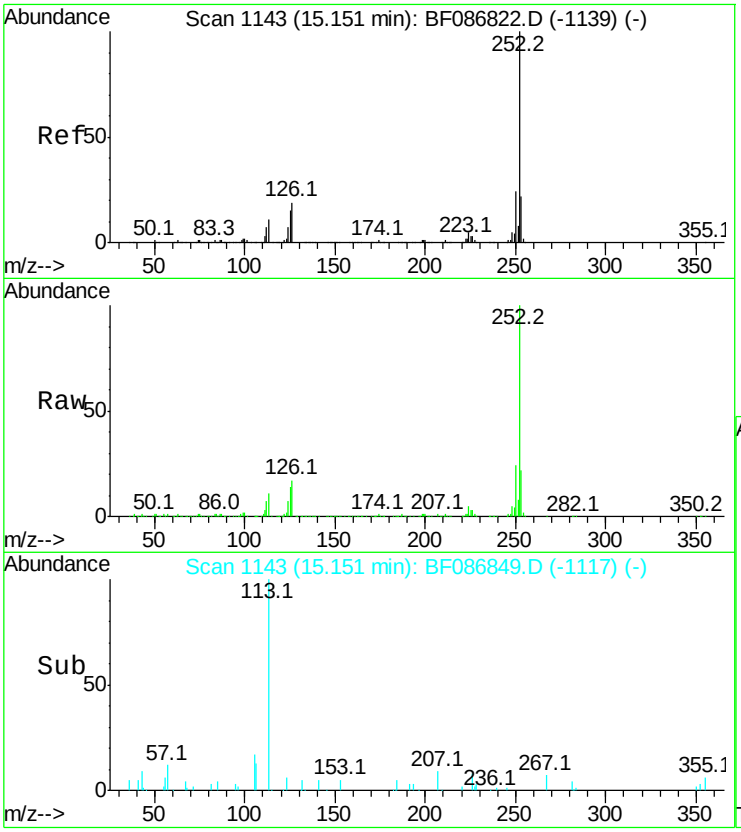


#88
Benzo(k)fluoranthene
Concen: 43.36 ng m
RT: 14.85 min Scan# 1117
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:252 Resp: 723824

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.8	9.1	13.7





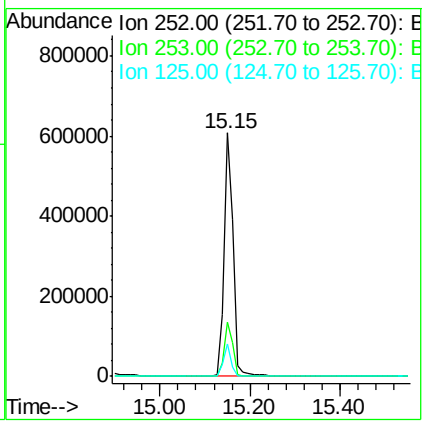
#89
Benzo(a)pyrene
Concen: 47.37 ng
RT: 15.15 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

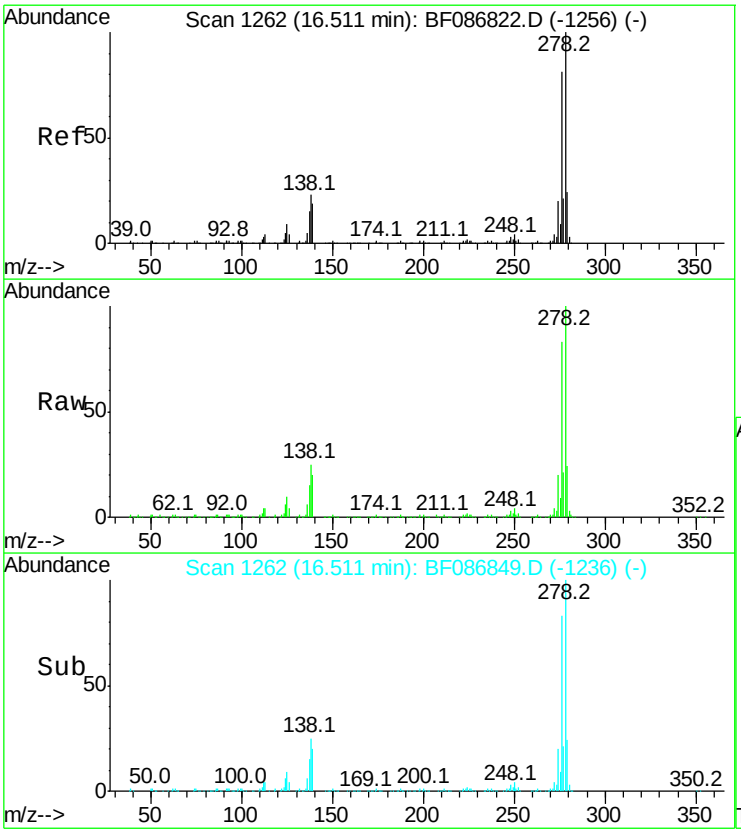
Tgt Ion:252 Resp: 832920

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	13.6	9.0	13.6#

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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM

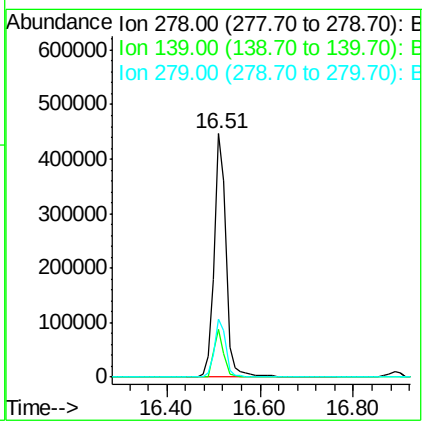


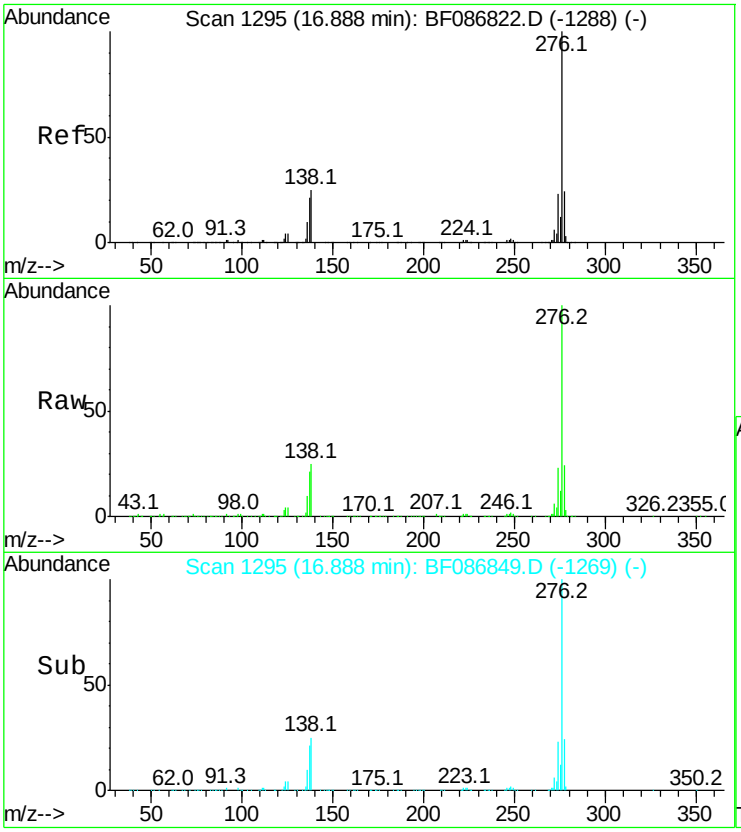


#90
Dibenzo(a,h)anthracene
Concen: 53.19 ng
RT: 16.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:278 Resp: 788193

Ion	Ratio	Lower	Upper
278	100		
139	19.8	16.6	24.8
279	23.6	19.6	29.4

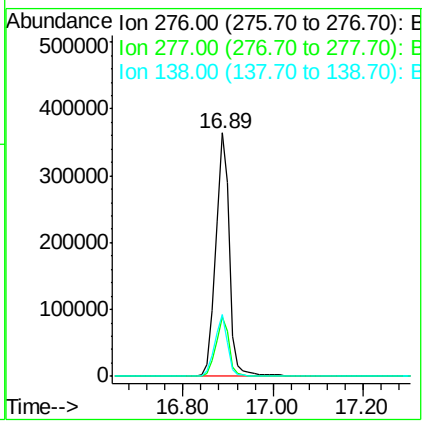




#91
Benzo(g,h,i)perylene
Concen: 50.31 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF086849.D
Acq: 10 May 2016 4:45

Tgt Ion:276 Resp: 757619

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	25.1	23.6	35.4



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

Manual Integrations APPROVED
sohil
5/10/2016 11:06:16 AM