Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090986.D
Acq On : 2 Nov 2016 18:13
Operator : UM/SJ
Sample : H5509-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

Quant Time: Nov 03 01:27:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	149184	20.00	ng		-0.02
21) Naphthalene-d8	8.01	136	679083	20.00	ng		-0.03
38) Acenaphthene-d10	9.77	164	365291	20.00	ng		-0.02
63) Phenanthrene-d10	11.25	188	507059	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	422849	20.00	ng		-0.02
86) Perylene-d12	15.28	264	315277	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1479642	173.41	ng		-0.01
7) Phenol-d6	6.38	99	1726288	149.96	ng		-0.01
23) Nitrobenzene-d5	7.30	82	1144300	110.31	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	529148	140.96	ng		-0.02
44) 2-Fluorobiphenyl	9.09	172	1959382	94.19	ng		-0.02
78) Terphenyl-d14	12.83	244	1824128	108.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	120517	27.63	ng	#	64
3) Pyridine	2.98	79	504209	42.61	ng	#	73
4) n-Nitrosodimethylamine	2.93	42	187203	56.19	ng	#	70
6) Aniline	6.40	93	513353	39.04	ng	#	1
8) 2-Chlorophenol	6.51	128	511515	48.60	ng		94
9) Benzaldehyde	6.27	77	57547	9.68	ng	#	83
10) Phenol	6.40	94	638179	50.31	ng		75
11) bis(2-Chloroethyl)ether	6.46	93	448240	42.71	ng		93
12) 1,3-Dichlorobenzene	6.66	146	498526m	46.30	ng		
13) 1,4-Dichlorobenzene	6.74	146	526325m	46.49	ng		
14) 1,2-Dichlorobenzene	6.90	146	471739	43.46	ng		100
15) Benzyl Alcohol	6.88	79	393456	52.04	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.01	45	574044	54.96	ng		63
17) 2-Methylphenol	7.00	107	427764	53.42	ng	#	81
18) Hexachloroethane	7.23	117	183766	44.60	ng		92
19) n-Nitroso-di-n-propylamine	7.15	70	369147	55.47	ng	#	68
20) 3+4-Methylphenols	7.15	107	505487	54.53	ng	#	73
22) Acetophenone	7.14	105	670614	48.00	ng	#	83
24) Nitrobenzene	7.31	77	501345	45.69	ng	#	69
25) Isophorone	7.56	82	1188443	56.45	ng	#	92
26) 2-Nitrophenol	7.63	139	294905	50.17	ng	#	55
27) 2,4-Dimethylphenol	7.68	122	487665	51.24	ng	#	77
28) bis(2-Chloroethoxy)methane	7.77	93	680574	56.84	ng	#	92
29) 2,4-Dichlorophenol	7.88	162	445494	50.56	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	436111	42.83	ng	#	96
31) Naphthalene	8.03	128	1455216	45.84	ng		97
32) Benzoic acid	7.77	122	27704	4.01	ng	#	65
33) 4-Chloroaniline	8.10	127	419353	32.70	ng	#	89
34) Hexachlorobutadiene	8.16	225	257155	42.95	ng		98
35) Caprolactam	8.46	113	132901m	48.59	ng		
36) 4-Chloro-3-methylphenol	8.59	107	516444	53.89	ng		91
37) 2-Methylnaphthalene	8.73	142	1033249	50.40	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	452437	45.15	ng		99
40) Hexachlorocyclopentadiene	8.89	237	390202	84.64	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090986.D
Acq On : 2 Nov 2016 18:13
Operator : UM/SJ
Sample : H5509-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

Quant Time: Nov 03 01:27:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	319049	49.32	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	318636	47.82	ng	#	92
45) 1,1'-Biphenyl	9.20	154	1275290	48.47	ng		94
46) 2-Chloronaphthalene	9.22	162	1014559	50.69	ng		94
47) 2-Nitroaniline	9.32	65	355963	63.03	ng		86
48) Acenaphthylene	9.63	152	1515355	50.00	ng		95
49) Dimethylphthalate	9.50	163	1792137	73.43	ng	#	97
50) 2,6-Dinitrotoluene	9.56	165	231755	43.00	ng	#	48
51) Acenaphthene	9.80	154	890392	42.66	ng		88
52) 3-Nitroaniline	9.73	138	218911	38.15	ng	#	77
53) 2,4-Dinitrophenol	9.84	184	142411	50.19	ng	#	23
54) Dibenzofuran	9.97	168	1267605	47.06	ng	#	85
55) 4-Nitrophenol	9.92	139	357754	102.23	ng	#	83
56) 2,4-Dinitrotoluene	9.96	165	310865	46.43	ng	#	44
57) Fluorene	10.32	166	1013666	45.94	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.10	232	264825	44.51	ng		96
59) Diethylphthalate	10.20	149	1172543	48.37	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	434659	40.36	ng	#	79
61) 4-Nitroaniline	10.35	138	239523	42.15	ng	#	64
62) Azobenzene	10.46	77	1019405	42.76	ng		85
64) 4,6-Dinitro-2-methylphenol	10.37	198	148724	44.24	ng		92
65) n-Nitrosodiphenylamine	10.43	169	813608	52.38	ng		90
66) 4-Bromophenyl-phenylether	10.80	248	288521	51.96	ng		95
67) Hexachlorobenzene	10.86	284	352226	53.60	ng	#	80
68) Atrazine	10.97	200	275998	57.44	ng		84
69) Pentachlorophenol	11.06	266	335263	95.10	ng		98
70) Phenanthrene	11.28	178	1323420	51.25	ng		96
71) Anthracene	11.32	178	1202308	44.22	ng		96
72) Carbazole	11.48	167	1103696	45.97	ng		95
73) Di-n-butylphthalate	11.81	149	1407062	45.46	ng	#	97
74) Fluoranthene	12.45	202	1224391	43.30	ng		93
76) Benzidine	12.59	184	476504	51.61	ng	#	96
77) Pyrene	12.68	202	1205530	45.05	ng		96
79) Butylbenzylphthalate	13.31	149	599066	49.34	ng		97
80) Benzo(a)anthracene	13.87	228	1060005	47.23	ng		96
81) 3,3'-Dichlorobenzidine	13.84	252	339742	39.00	ng	#	94
82) Chrysene	13.91	228	948874	41.80	ng		94
83) Bis(2-ethylhexyl)phthalate	13.87	149	791958	50.09	ng	#	94
84) Di-n-octyl phthalate	14.49	149	1252961	47.19	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.61	276	908649	45.17	ng	#	87
87) Benzo(b)fluoranthene	14.89	252	933075m	44.01	ng		
88) Benzo(k)fluoranthene	14.91	252	773017m	46.14	ng		
89) Benzo(a)pyrene	15.22	252	804222	44.15	ng	#	86
90) Dibenzo(a,h)anthracene	16.61	278	770223	49.95	ng	#	82
91) Benzo(g,h,i)perylene	17.00	276	743125	51.17	ng	#	76

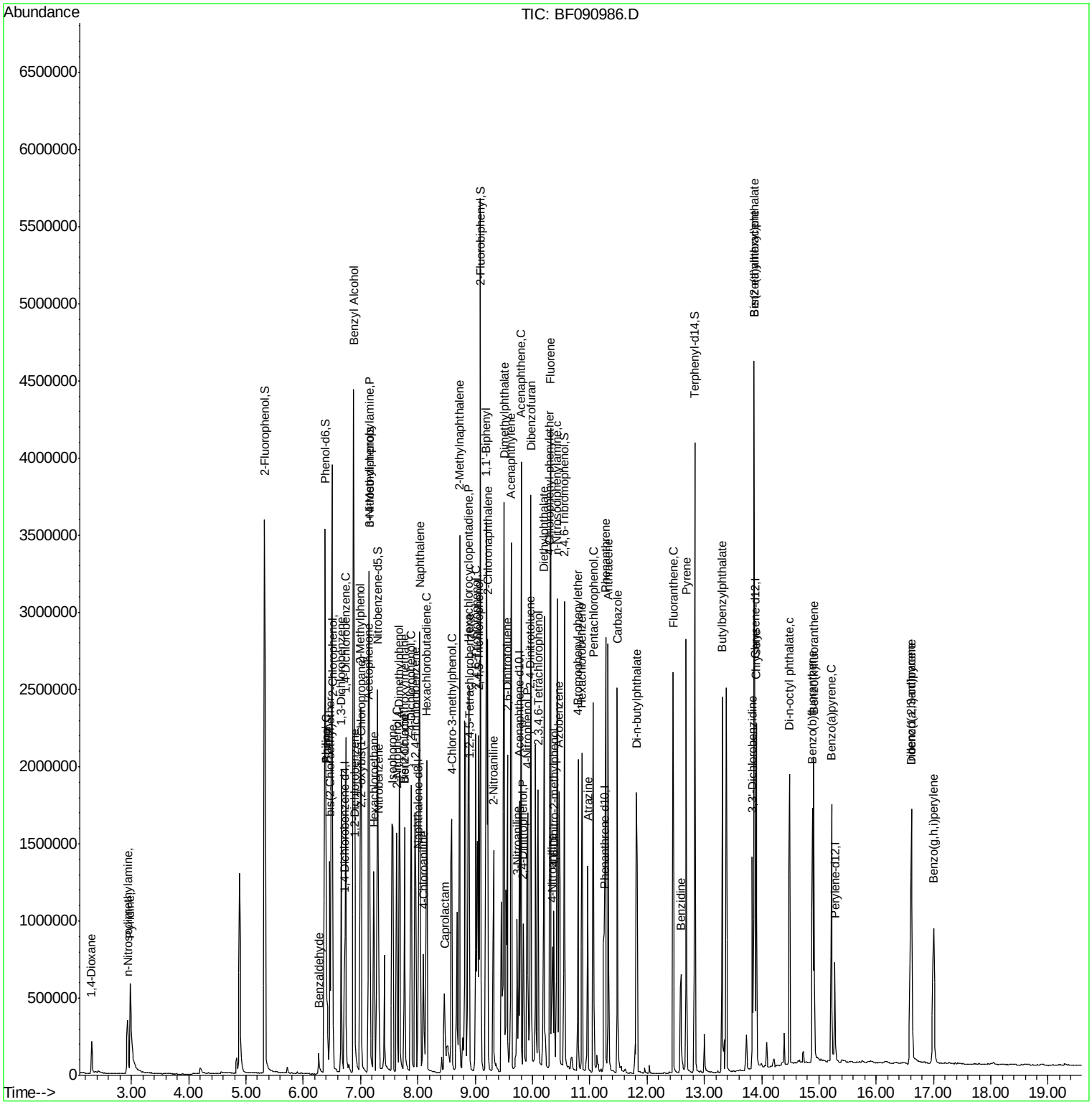
(#) = qualifier out of range (m) = manual integration (+) = signals summed

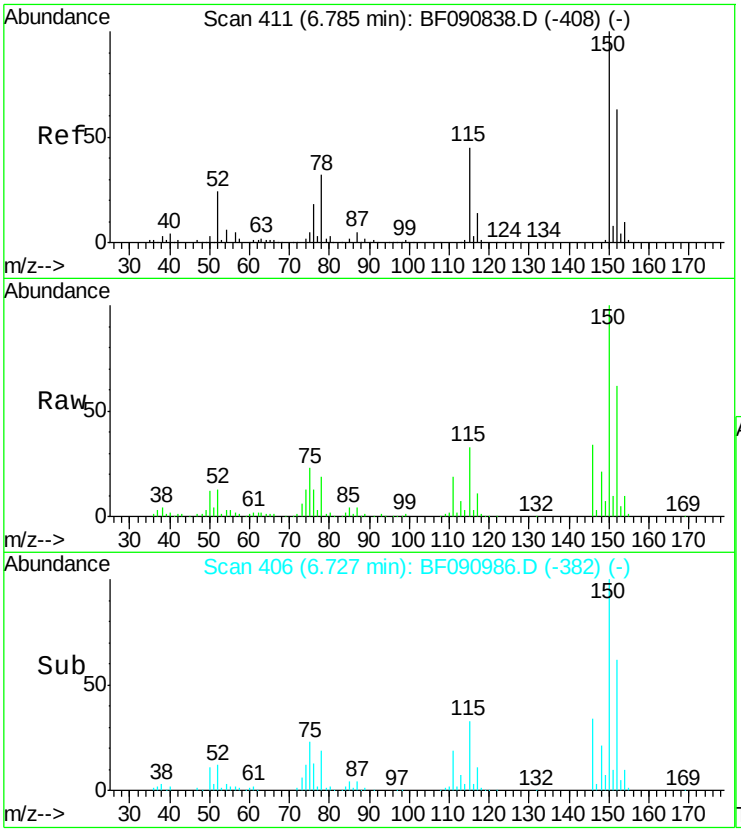
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090986.D
Acq On : 2 Nov 2016 18:13
Operator : UM/SJ
Sample : H5509-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 03 01:27:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

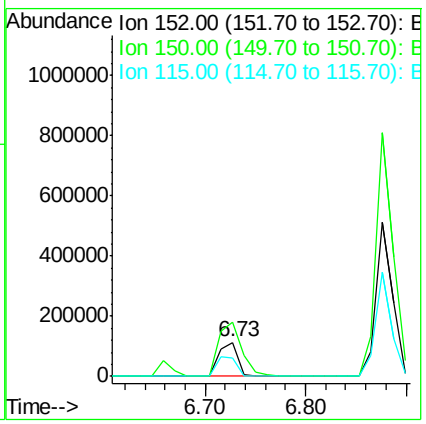




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

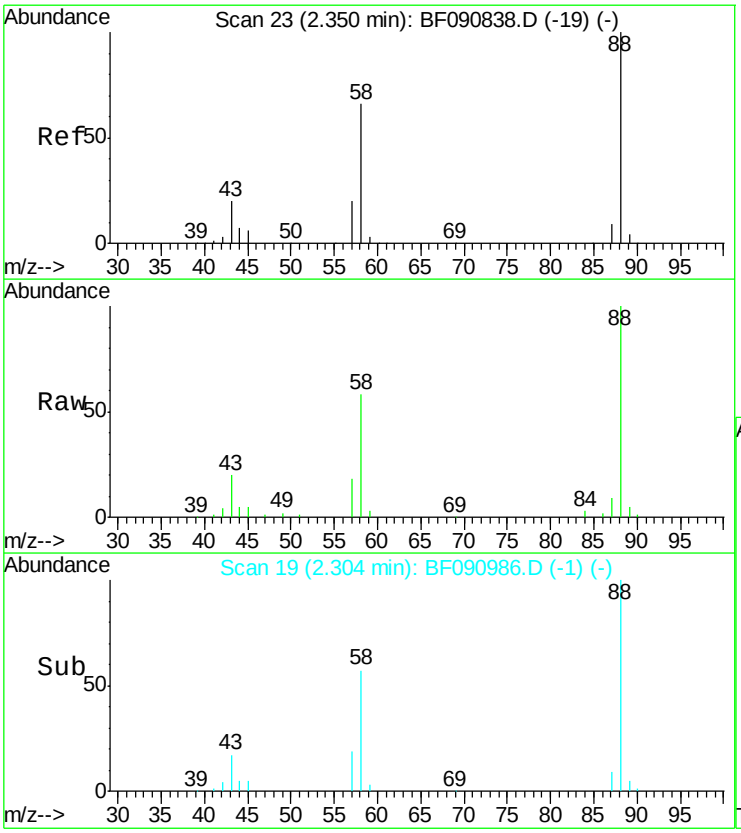
Tgt Ion:152 Resp: 149184

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.7	187.1
115	53.2	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

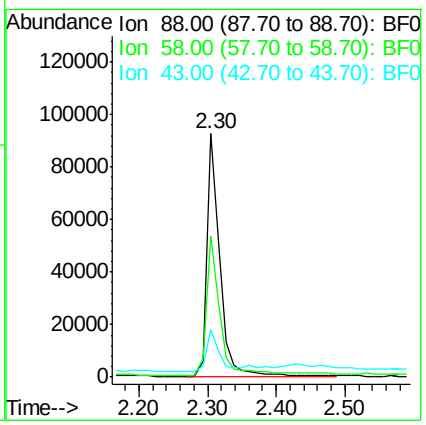
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

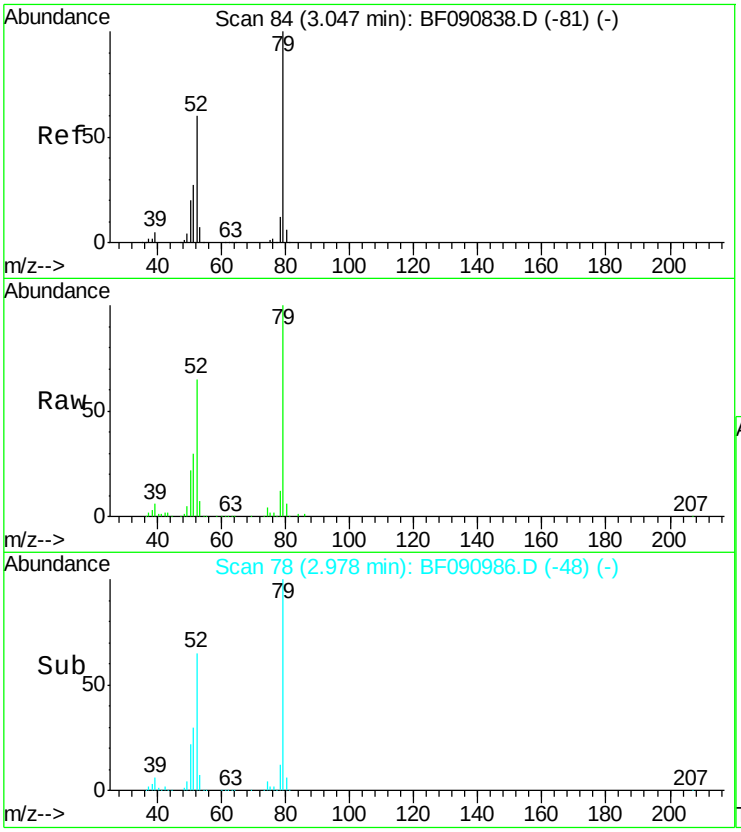


#2
1,4-Dioxane
Concen: 27.63 ng
RT: 2.30 min Scan# 19
Delta R.T. 0.06 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 88 Resp: 120517

Ion	Ratio	Lower	Upper
88	100		
58	59.2	77.7	116.5#
43	17.5	26.6	40.0#

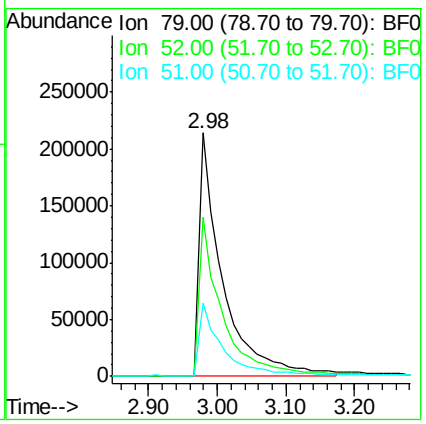




#3
Pyridine
Concen: 42.61 ng
RT: 2.98 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

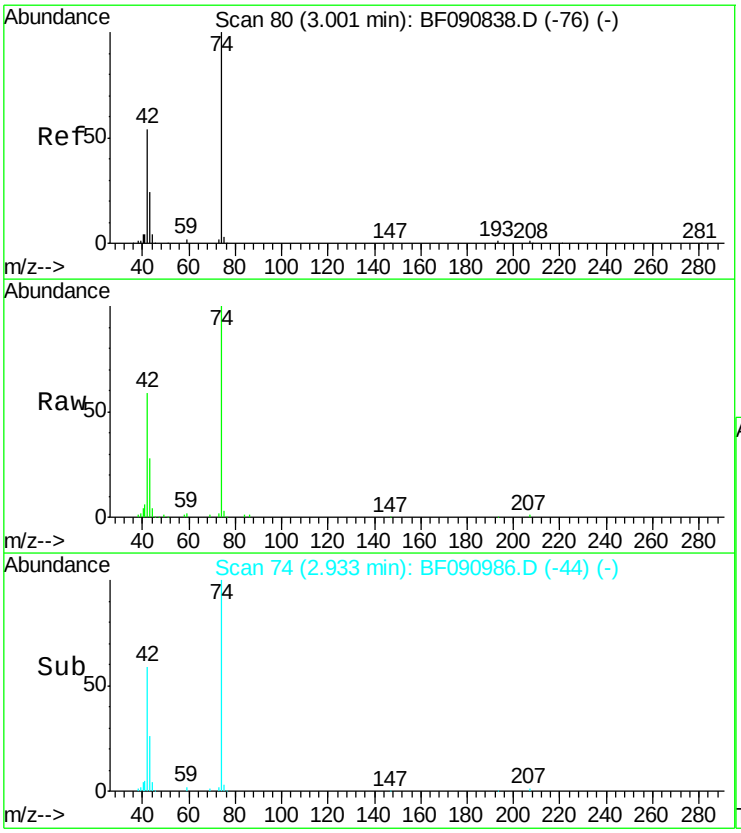
Tgt Ion: 79 Resp: 504209

Ion	Ratio	Lower	Upper
79	100		
52	65.4	76.8	115.2#
51	30.0	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

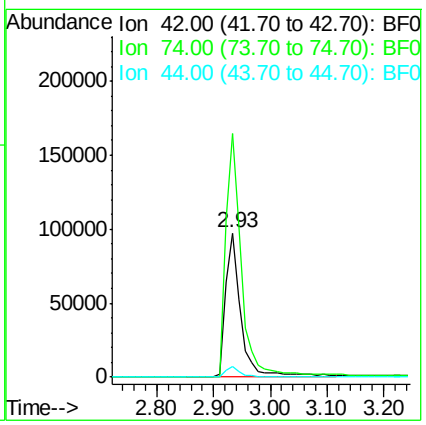
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

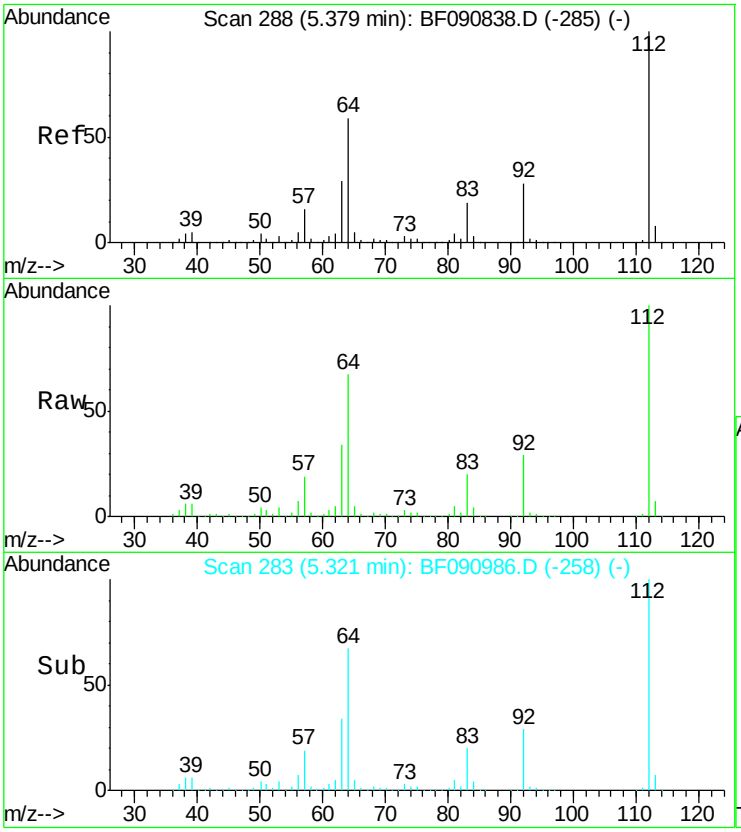


#4
n-Nitrosodimethylamine
Concen: 56.19 ng
RT: 2.93 min Scan# 74
Delta R.T. 0.05 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 42 Resp: 187203

Ion	Ratio	Lower	Upper
42	100		
74	168.7	105.0	157.6#
44	7.6	6.6	10.0





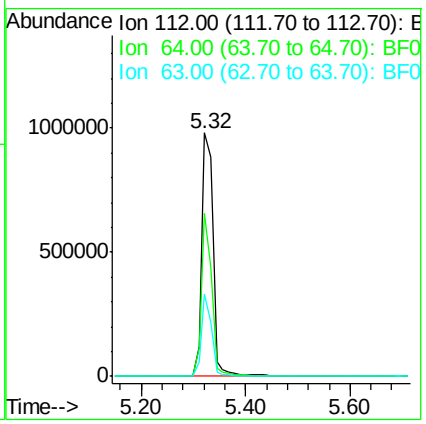
#5
2-Fluorophenol
Concen: 173.41 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

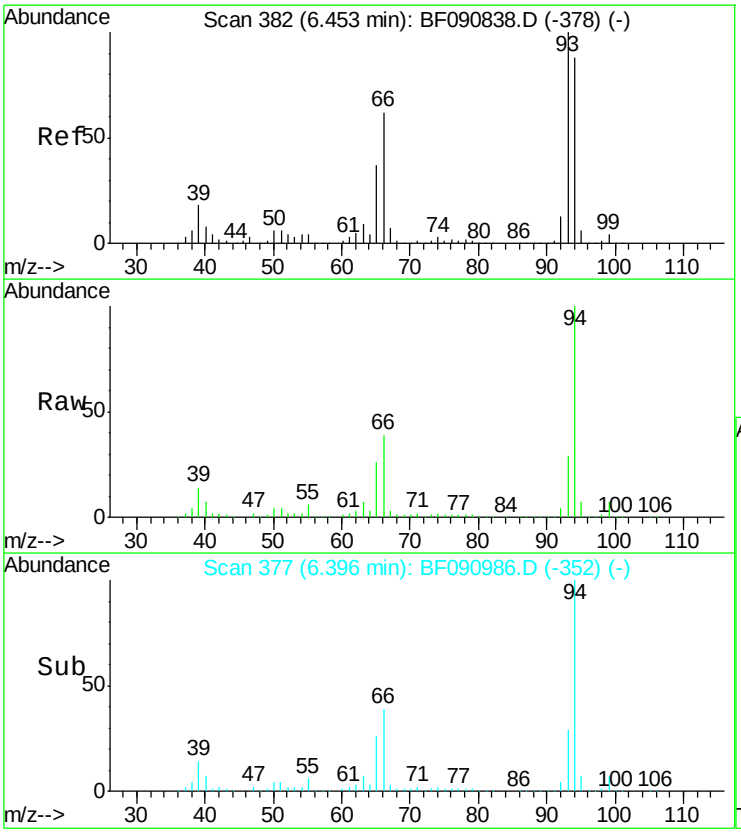
Tgt Ion:112 Resp: 1479642

Ion	Ratio	Lower	Upper
112	100		
64	66.9	39.7	59.5#
63	33.9	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

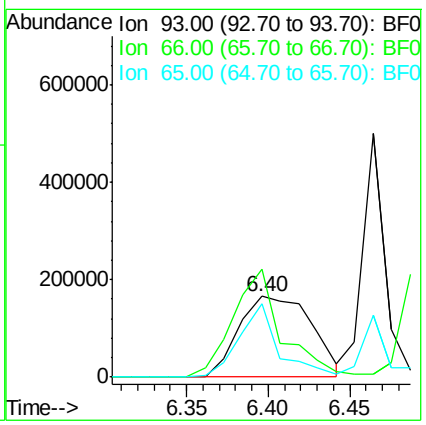


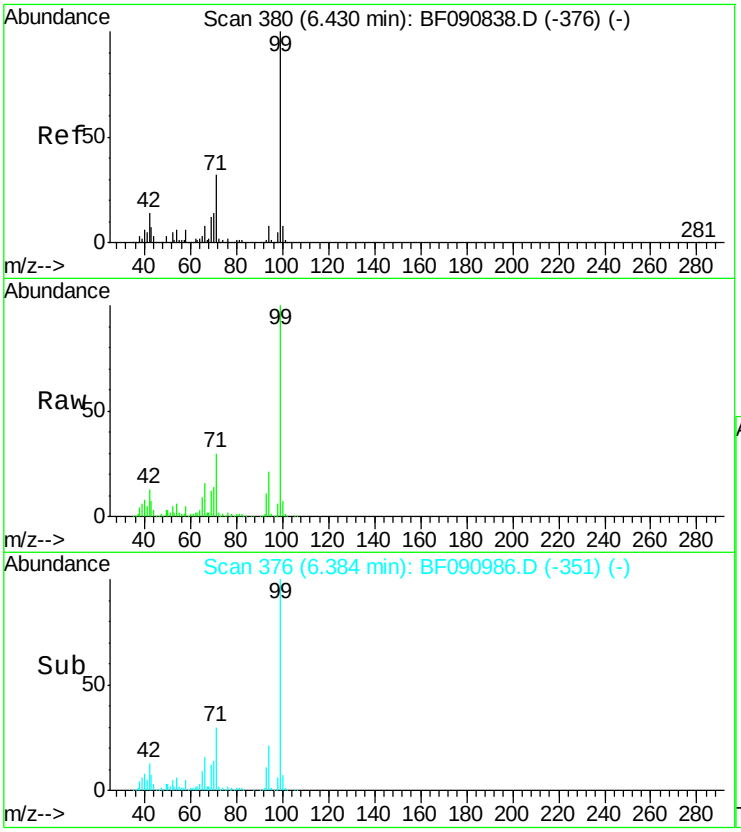


#6
Aniline
Concen: 39.04 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 93 Resp: 513353

Ion	Ratio	Lower	Upper
93	100		
66	134.7	27.2	40.8#
65	90.9	14.7	22.1#

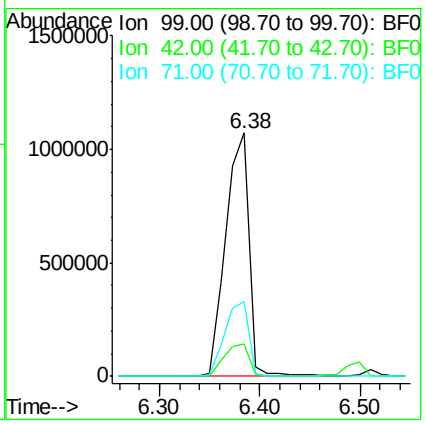




#7
Phenol-d6
Concen: 149.96 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

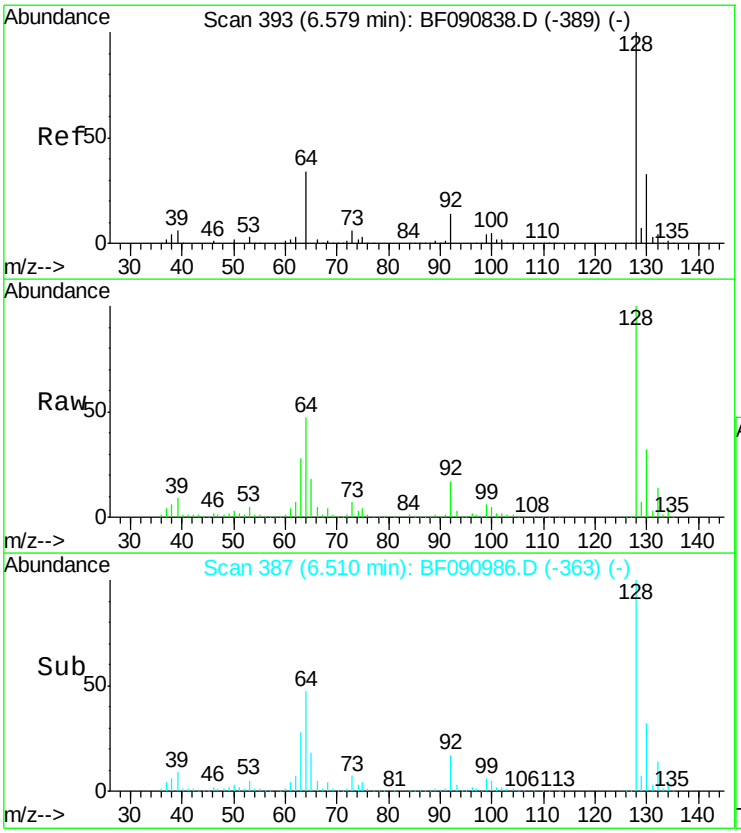
Tgt Ion: 99 Resp: 1726288

Ion	Ratio	Lower	Upper
99	100		
42	13.2	13.7	20.5#
71	30.5	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

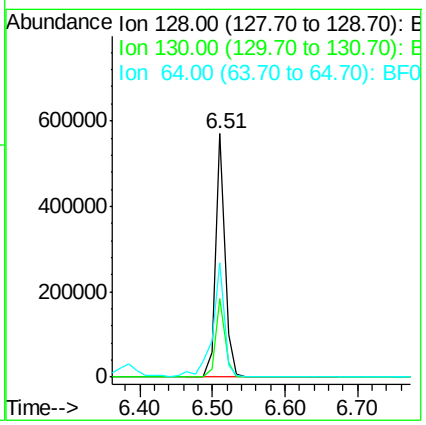
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

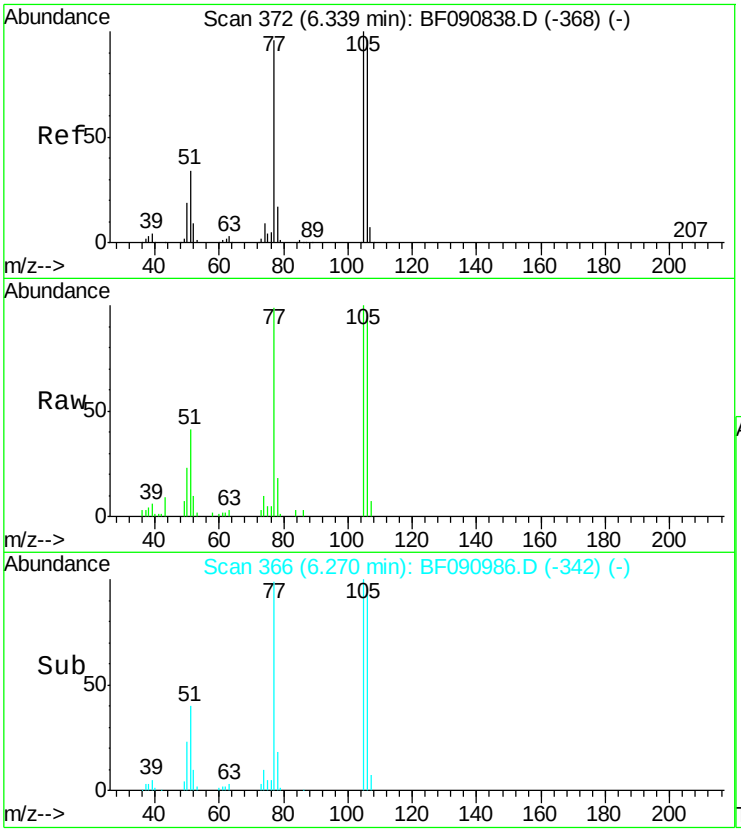


#8
2-Chlorophenol
Concen: 48.60 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:128 Resp: 511515

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.2	52.2
64	47.2	20.5	60.5

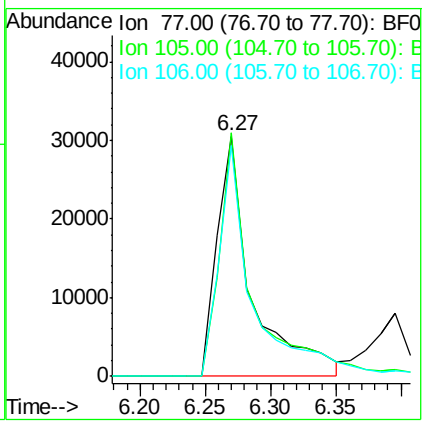




#9
Benzaldehyde
Concen: 9.68 ng
RT: 6.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

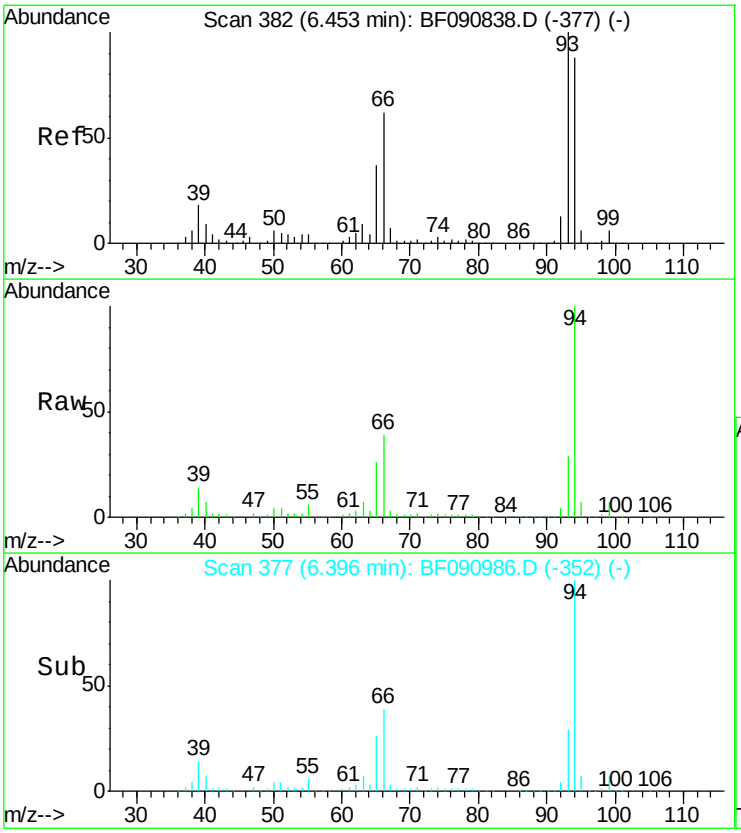
Tgt Ion: 77 Resp: 57547

Ion	Ratio	Lower	Upper
77	100		
105	101.3	91.6	131.6
106	96.0	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

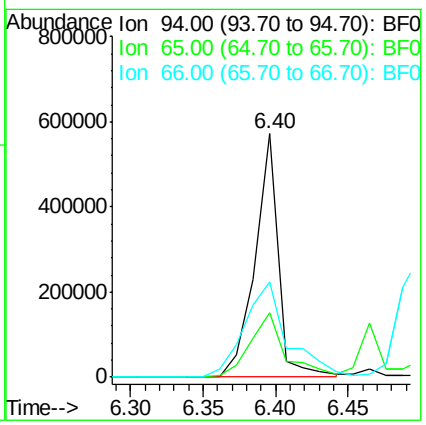
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

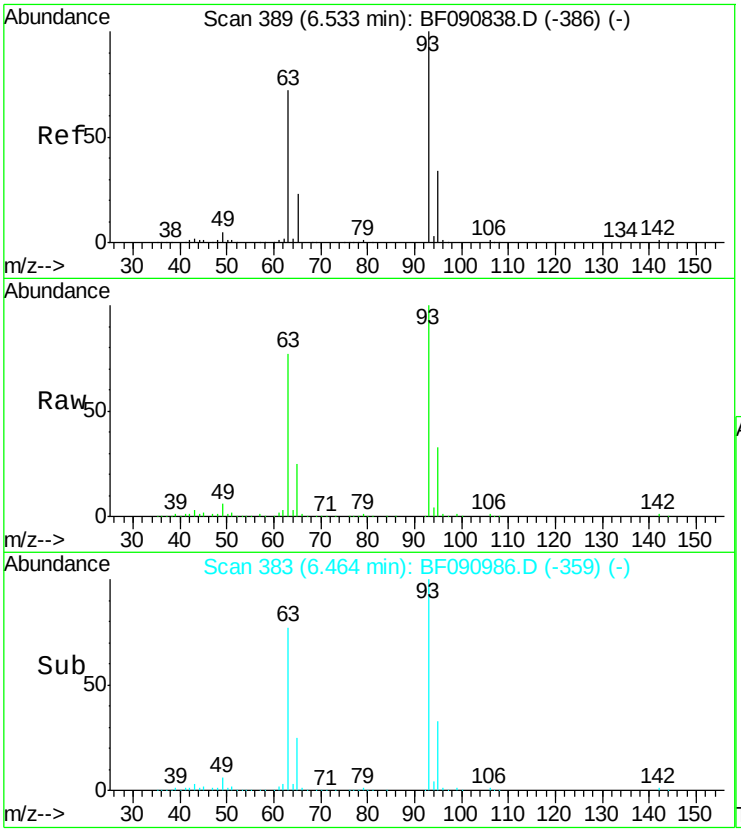


#10
Phenol
Concen: 50.31 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 94 Resp: 638179

Ion	Ratio	Lower	Upper
94	100		
65	26.3	0.7	40.7
66	38.9	0.8	40.8

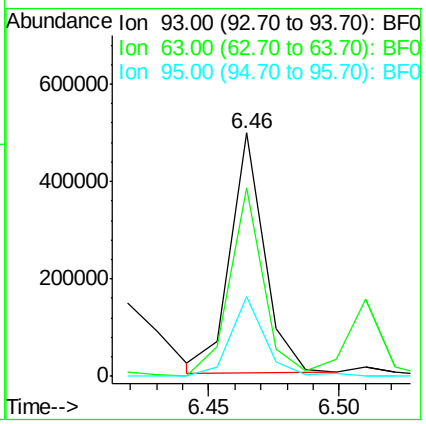




#11
bis(2-Chloroethyl)ether
Concen: 42.71 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

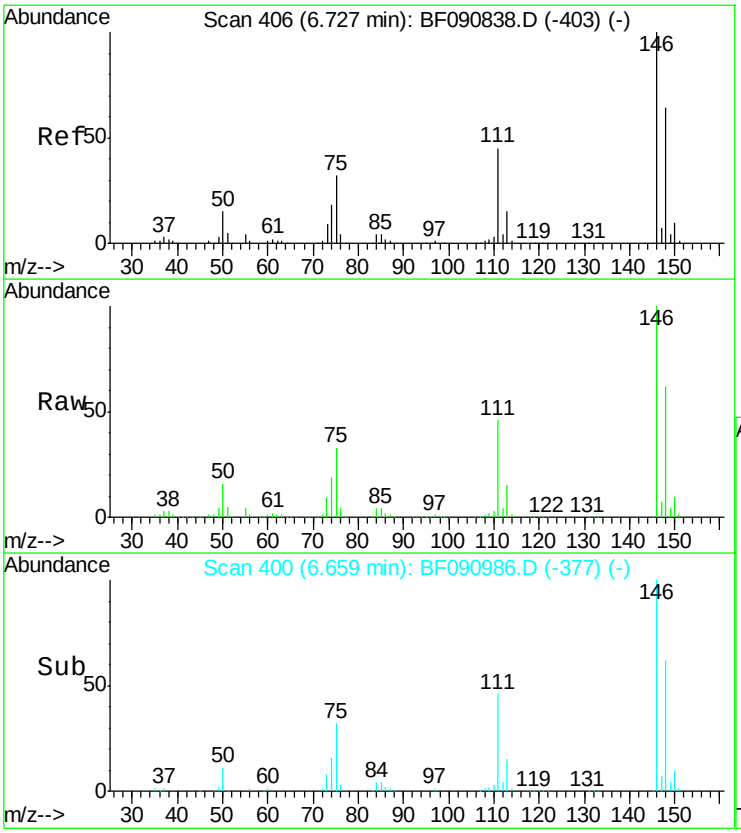
Tgt Ion: 93 Resp: 448240

Ion	Ratio	Lower	Upper
93	100		
63	77.2	65.6	105.6
95	32.8	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

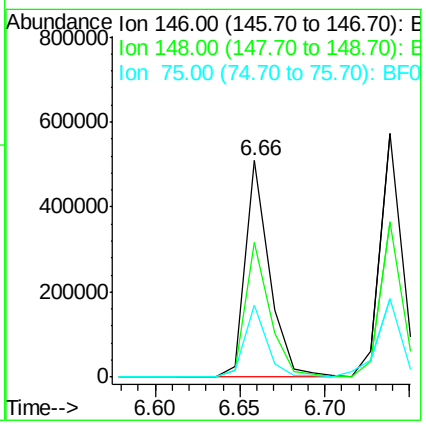
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

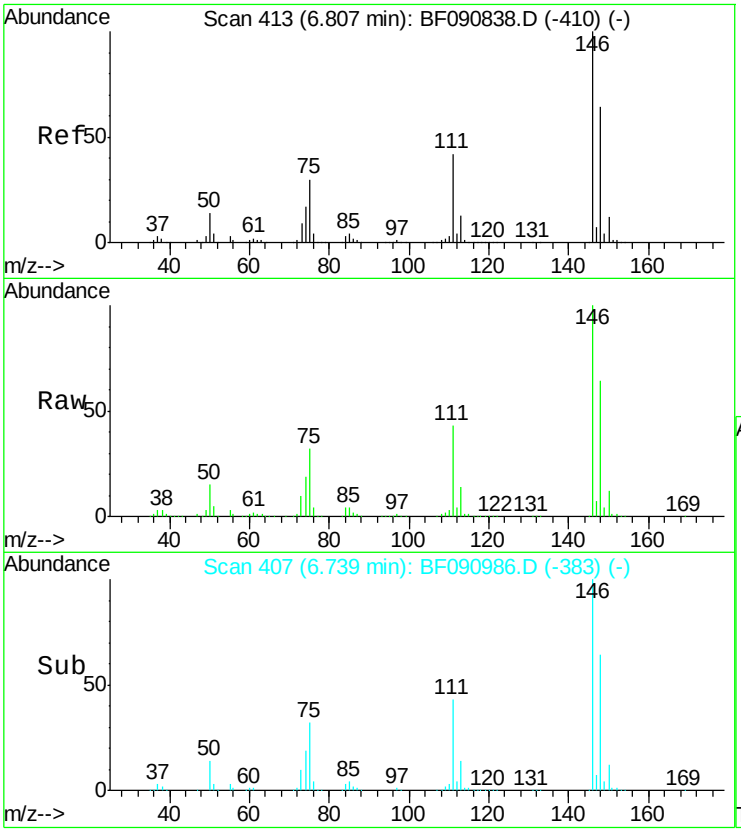


#12
1,3-Dichlorobenzene
Concen: 46.30 ng m
RT: 6.66 min Scan# 400
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:146 Resp: 498526

Ion	Ratio	Lower	Upper
146	100		
148	62.5	51.0	76.4
75	33.1	15.0	22.6#

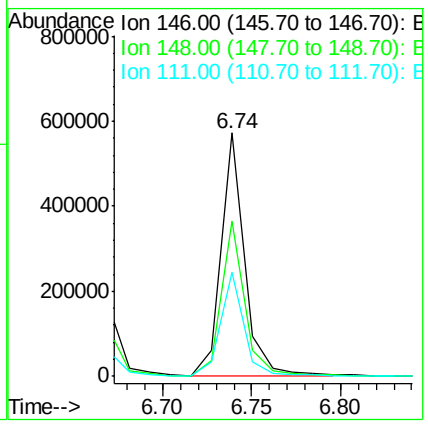




#13
1,4-Dichlorobenzene
Concen: 46.49 ng m
RT: 6.74 min Scan# 407
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

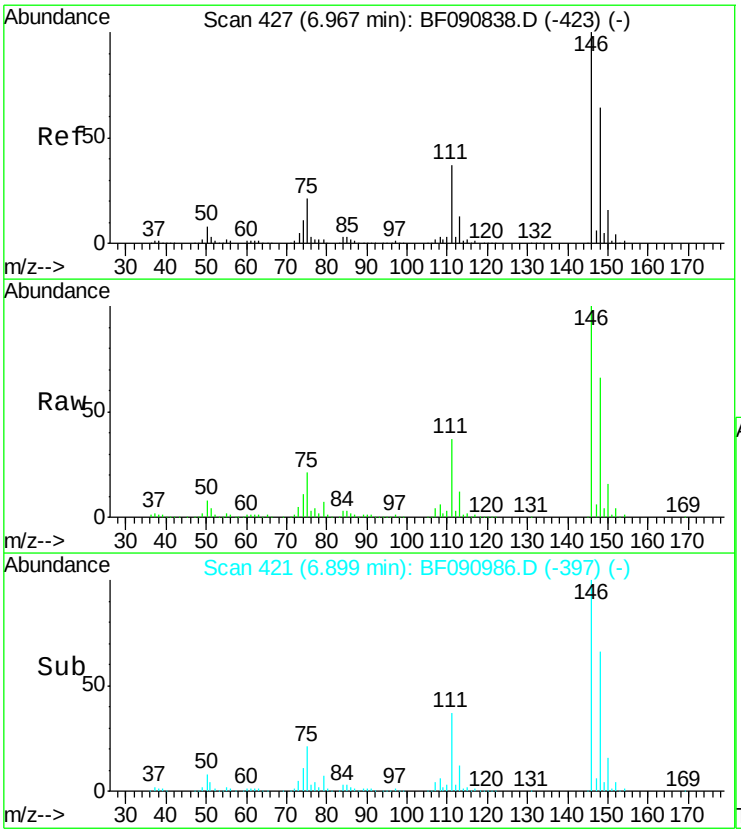
Tgt Ion:146 Resp: 526325

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
111	42.8	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

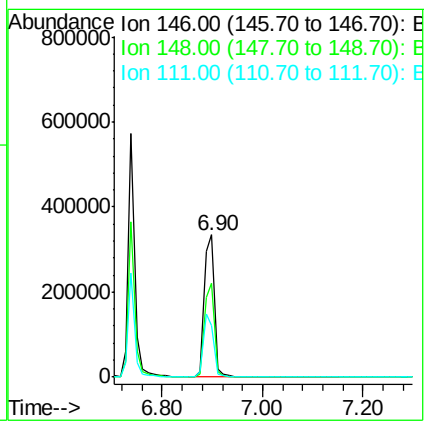
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

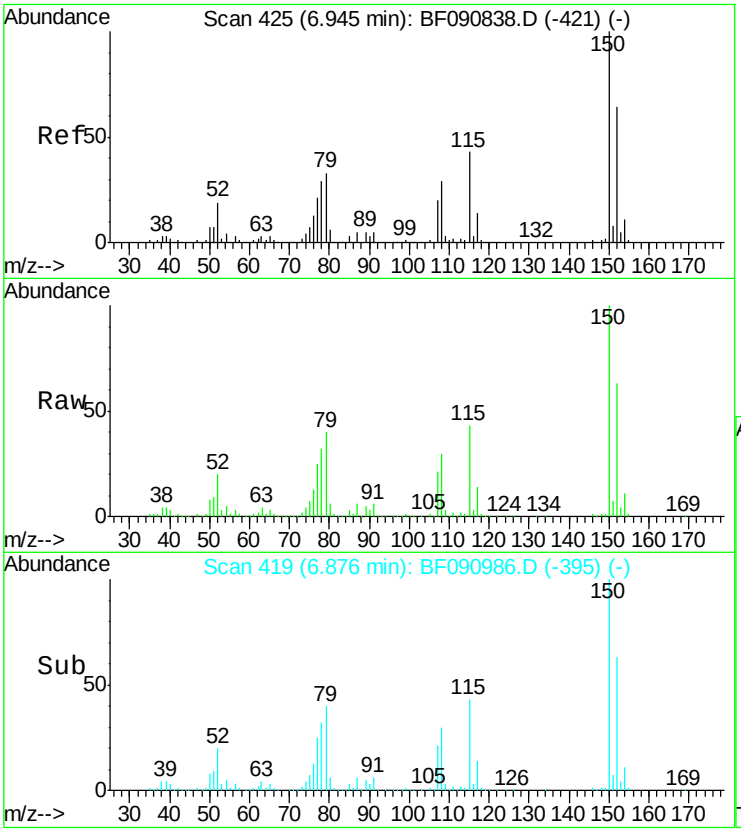


#14
1,2-Dichlorobenzene
Concen: 43.46 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:146 Resp: 471739

Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.7	79.1
111	36.6	28.8	43.2





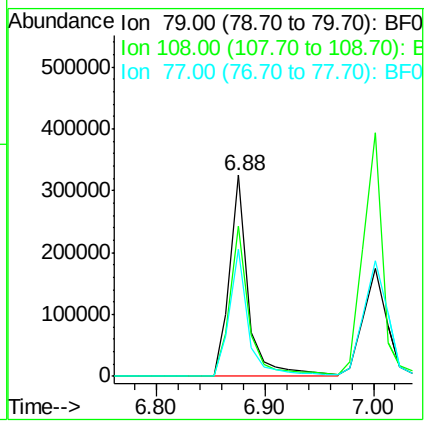
#15
Benzyl Alcohol
Concen: 52.04 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

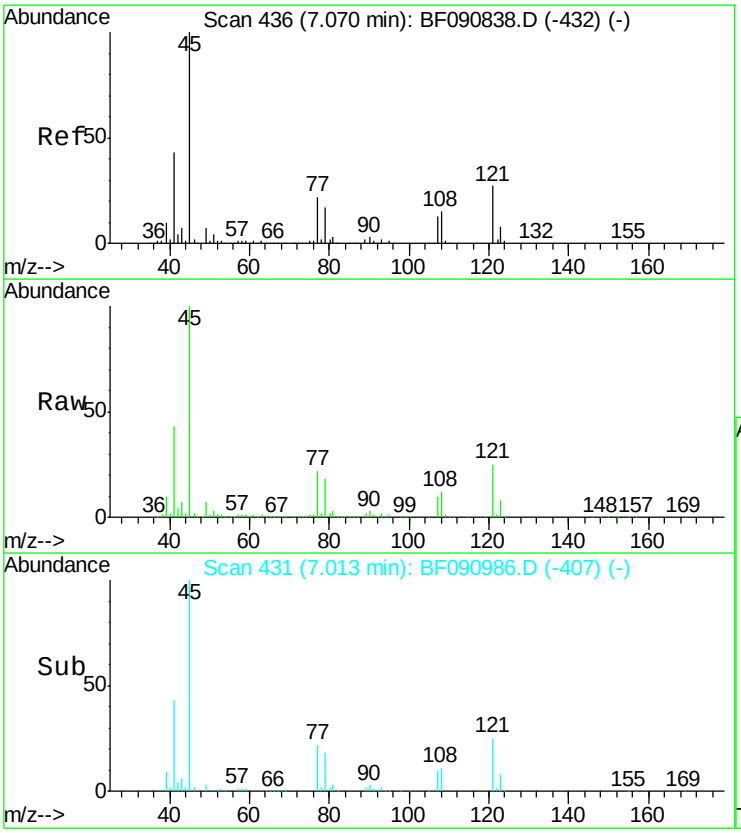
Tgt Ion: 79 Resp: 393456

Ion	Ratio	Lower	Upper
79	100		
108	74.4	88.6	132.8#
77	63.2	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

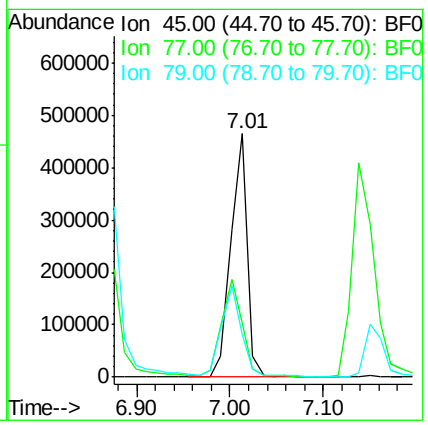


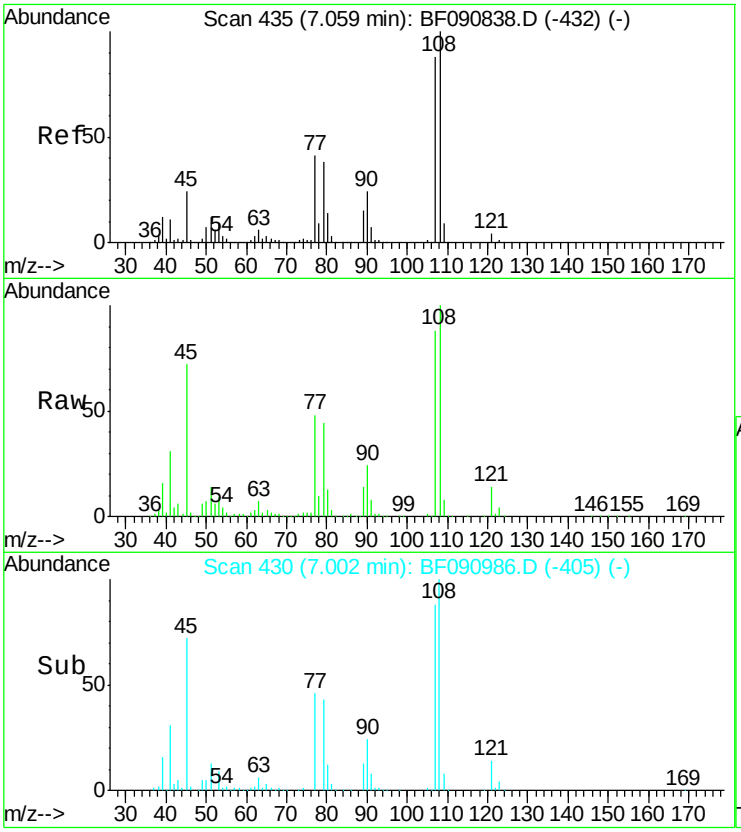


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.96 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 45 Resp: 574044

Ion	Ratio	Lower	Upper
45	100		
77	22.1	0.0	28.1
79	17.7	0.0	26.0

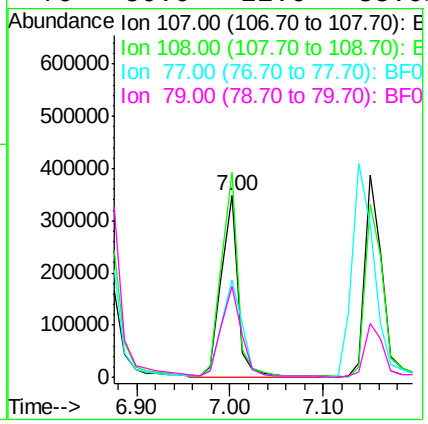




#17
2-Methylphenol
Concen: 53.42 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

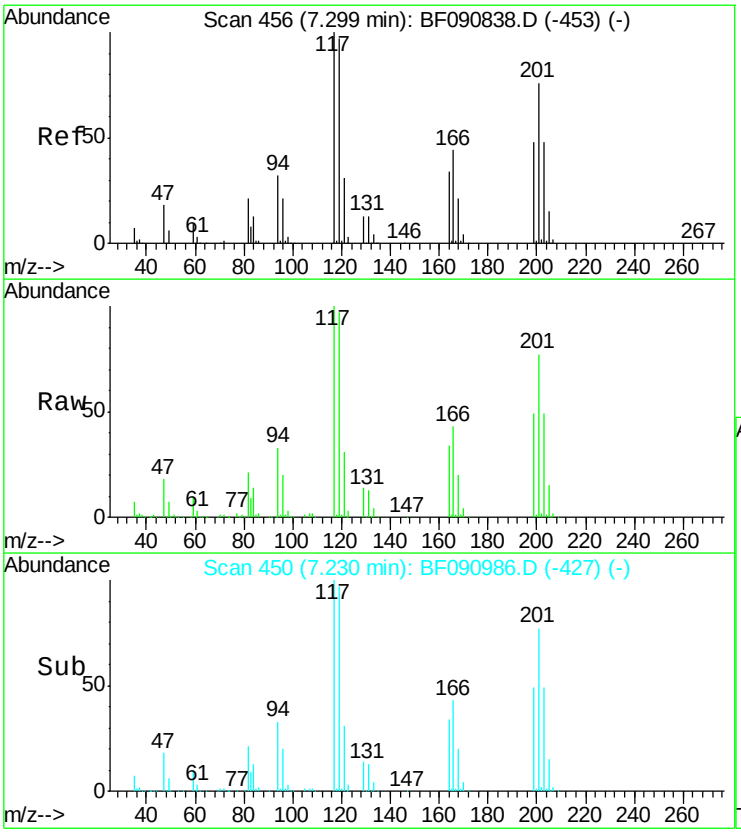
Tgt Ion:107 Resp: 427764

Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.6	145.0
77	54.0	23.3	34.9#
79	50.0	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

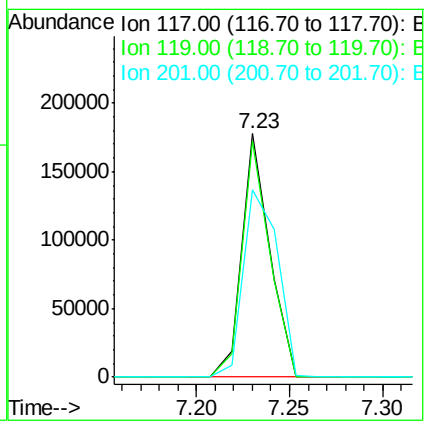
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

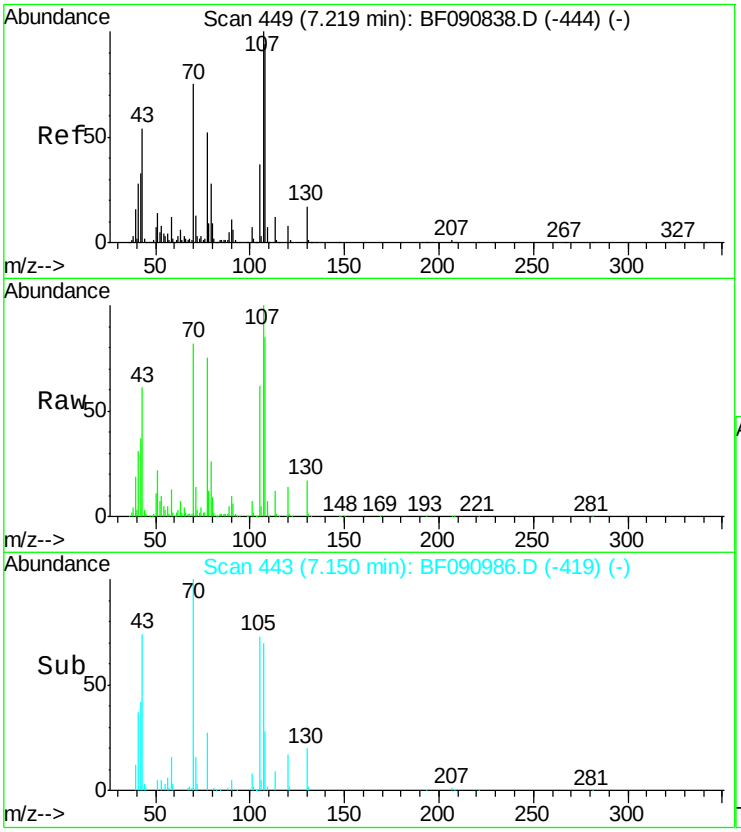


#18
Hexachloroethane
Concen: 44.60 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:117 Resp: 183766

Ion	Ratio	Lower	Upper
117	100		
119	97.0	83.8	125.6
201	76.7	55.1	82.7





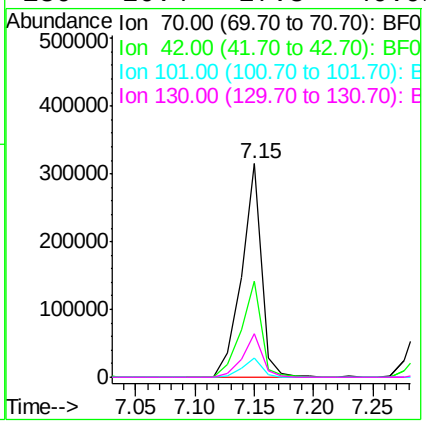
#19
n-Nitroso-di-n-propylamine
Concen: 55.47 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

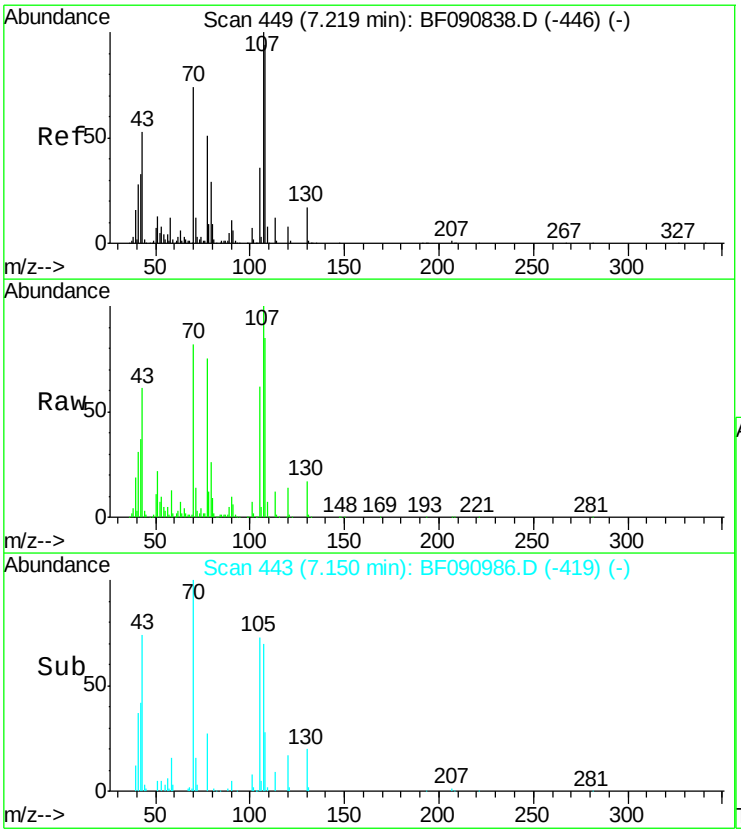
Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

Tgt Ion: 70 Resp: 369147

Ion	Ratio	Lower	Upper
70	100		
42	44.9	63.8	95.6#
101	8.9	9.2	13.8#
130	20.4	27.3	40.9#

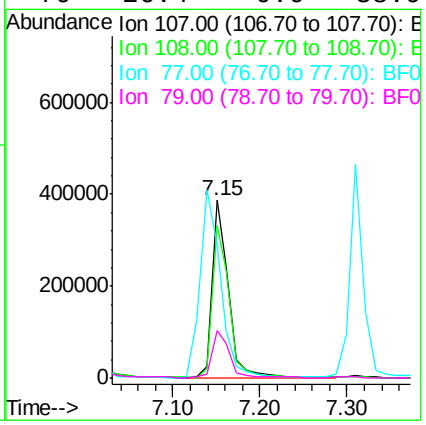


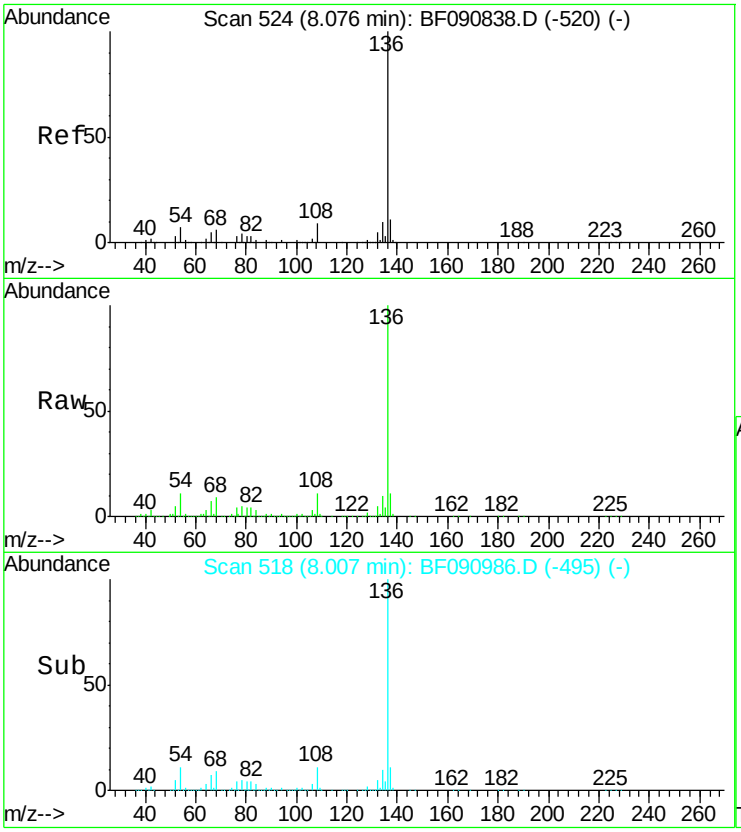


#20
3+4-Methylphenols
Concen: 54.53 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:107 Resp: 505487

Ion	Ratio	Lower	Upper
107	100		
108	85.5	74.6	114.6
77	75.3	0.7	40.7#
79	26.4	0.0	38.9

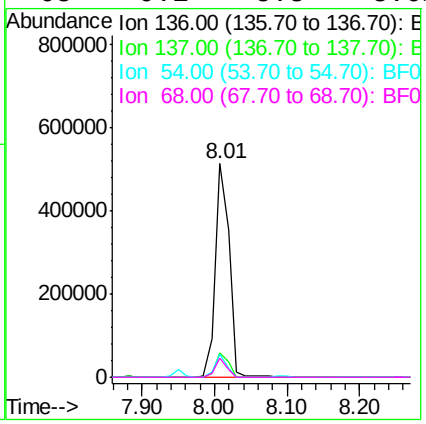




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

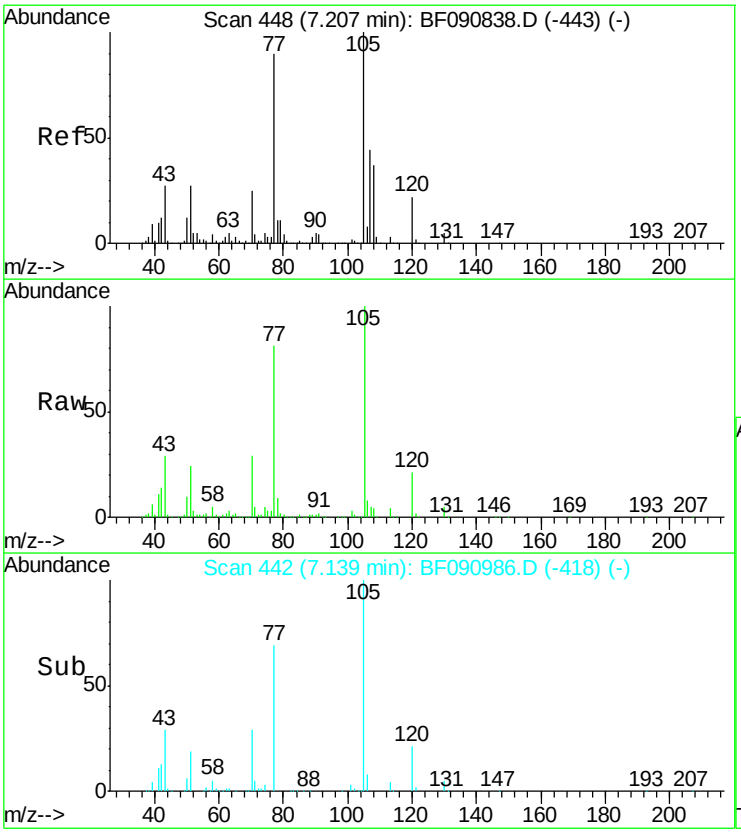
Tgt Ion:136 Resp: 679083

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.9	8.2	12.2
68	9.1	5.8	8.6#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

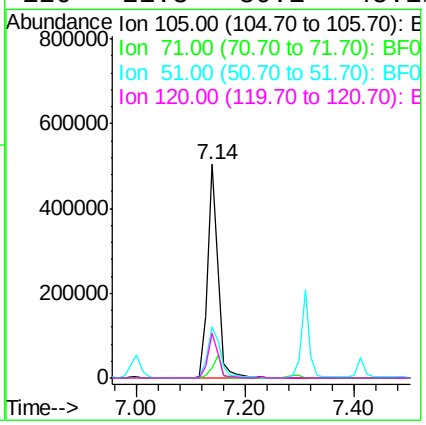
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

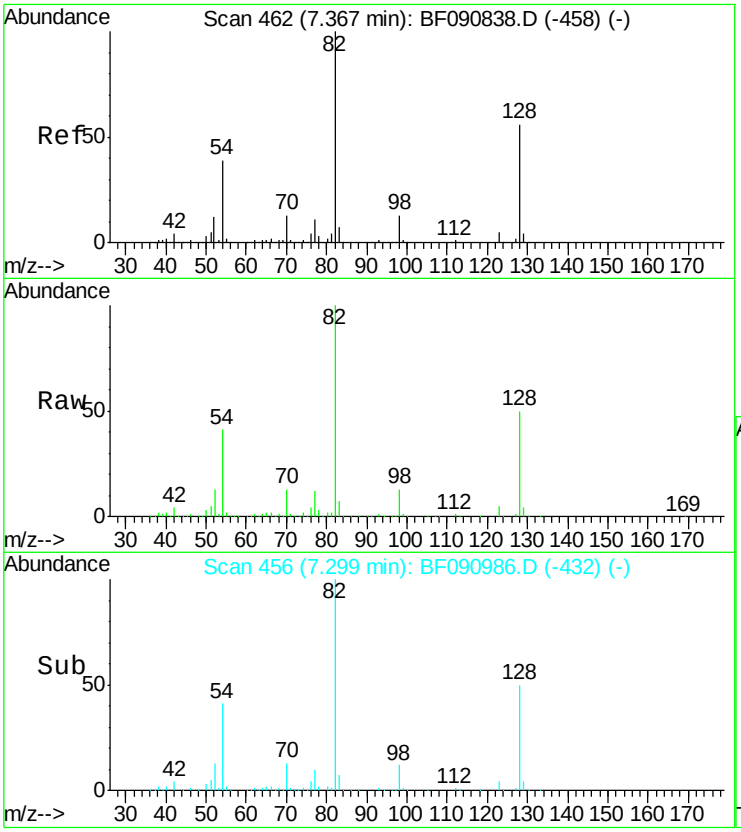


#22
Acetophenone
Concen: 48.00 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:105 Resp: 670614

Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.7	7.1
51	23.9	22.0	33.0
120	21.3	30.1	45.1#

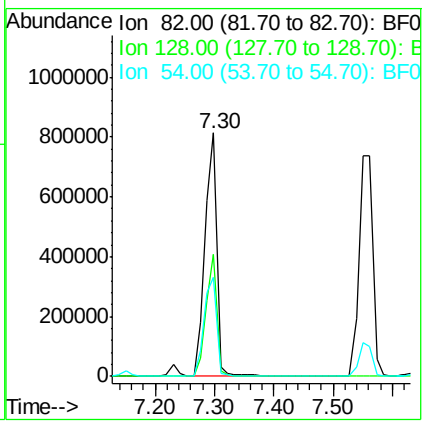




#23
Nitrobenzene-d5
Concen: 110.31 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

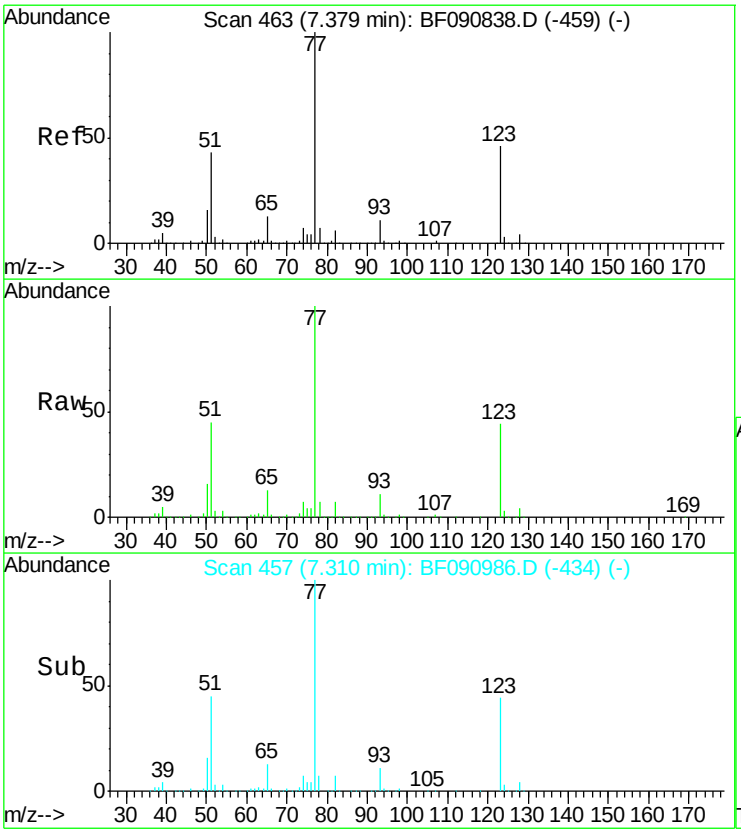
Tgt Ion: 82 Resp: 1144300

Ion	Ratio	Lower	Upper
82	100		
128	50.2	51.0	76.6#
54	40.8	47.5	71.3#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

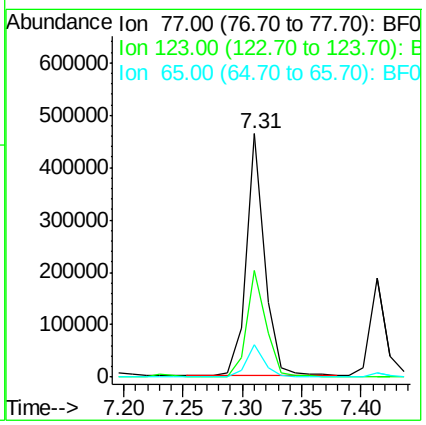
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

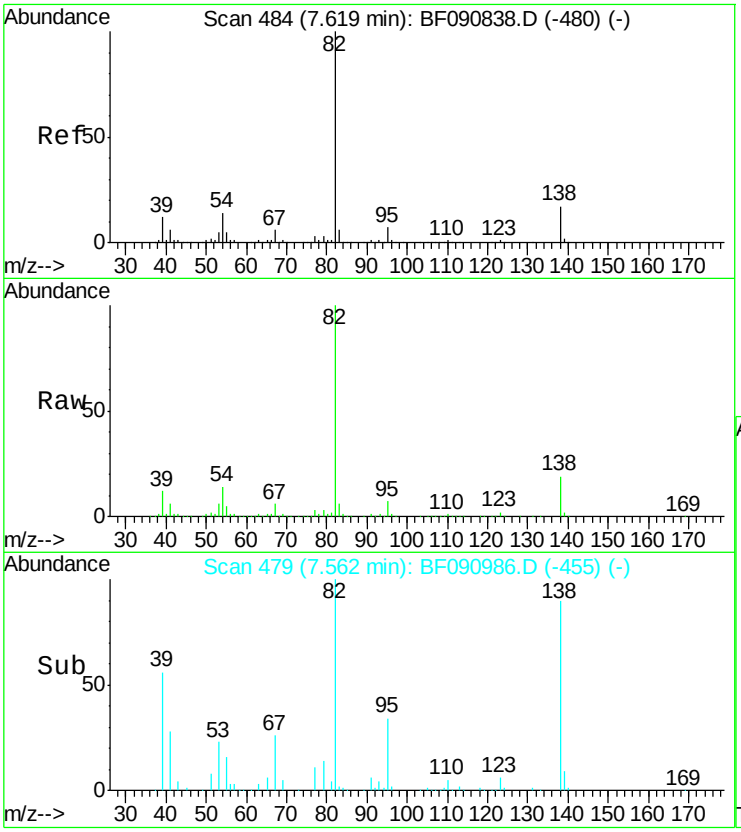


#24
Nitrobenzene
Concen: 45.69 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 77 Resp: 501345

Ion	Ratio	Lower	Upper
77	100		
123	44.0	59.8	89.8#
65	13.4	10.2	15.4

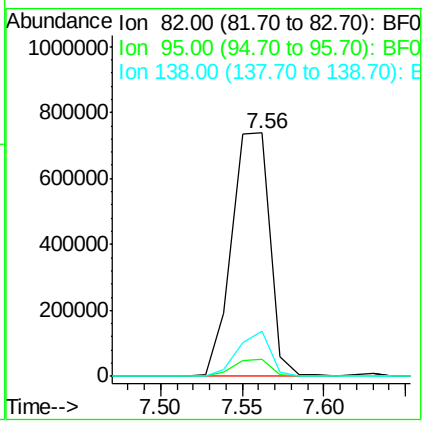




#25
Isophorone
Concen: 56.45 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

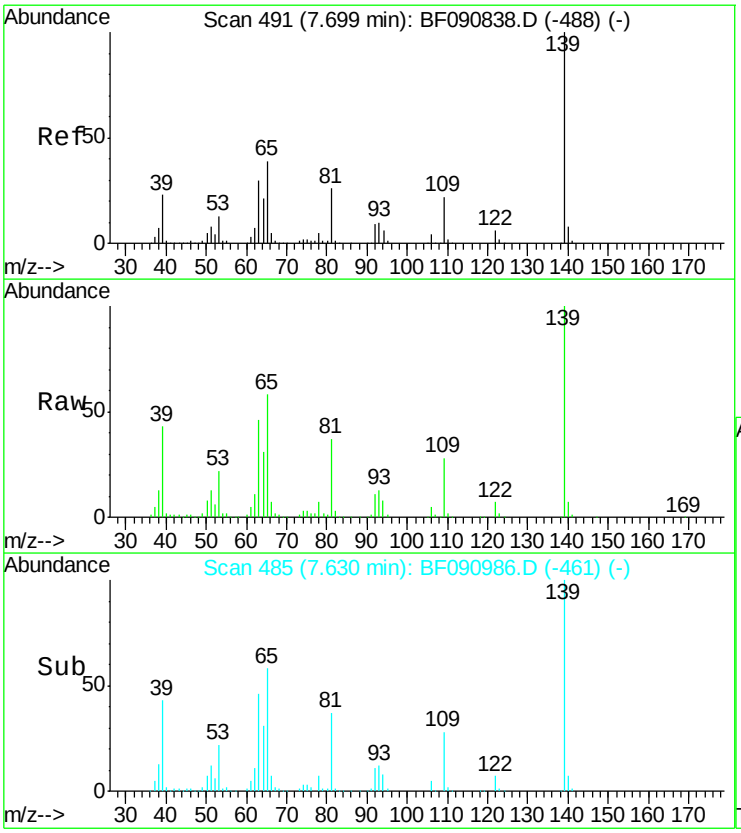
Tgt Ion: 82 Resp: 1188443

Ion	Ratio	Lower	Upper
82	100		
95	6.9	4.0	6.0#
138	18.5	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

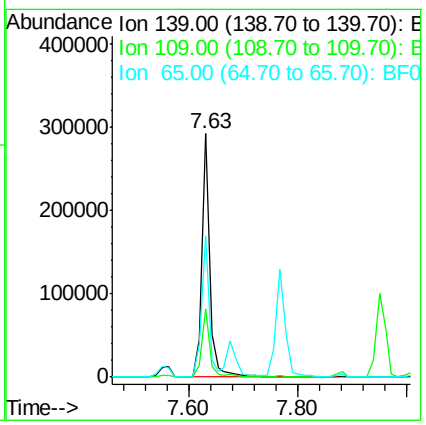
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

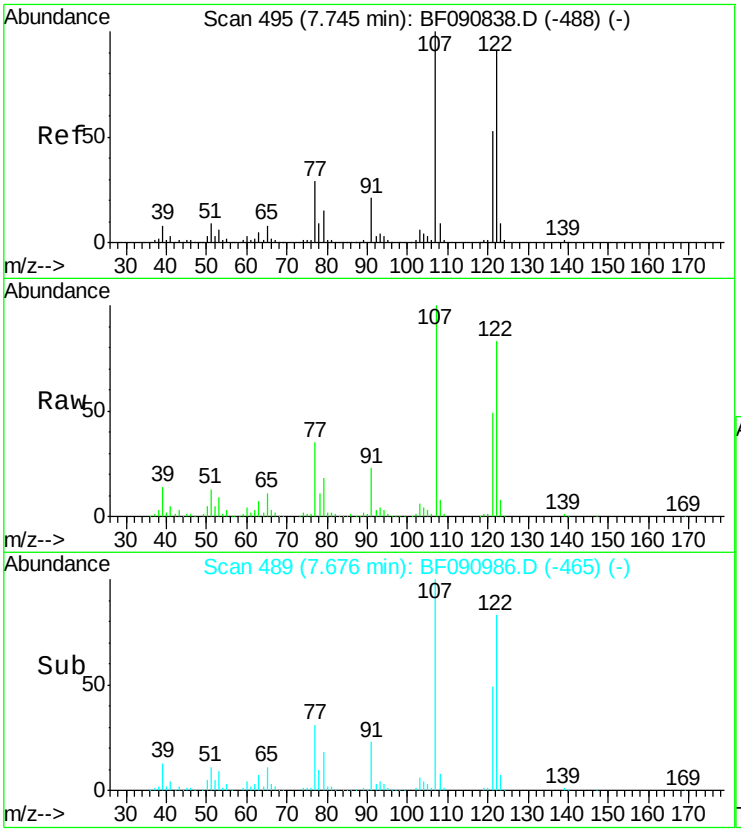


#26
2-Nitrophenol
Concen: 50.17 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:139 Resp: 294905

Ion	Ratio	Lower	Upper
139	100		
109	28.0	11.0	16.4#
65	58.0	24.7	37.1#

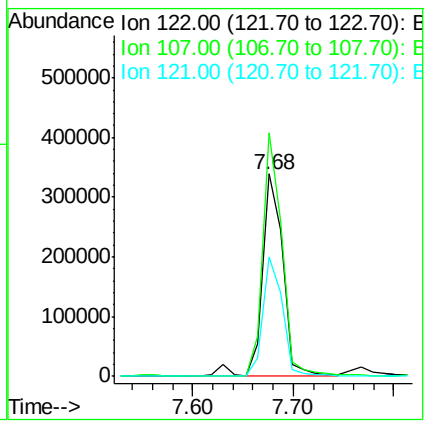




#27
2,4-Dimethylphenol
Concen: 51.24 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

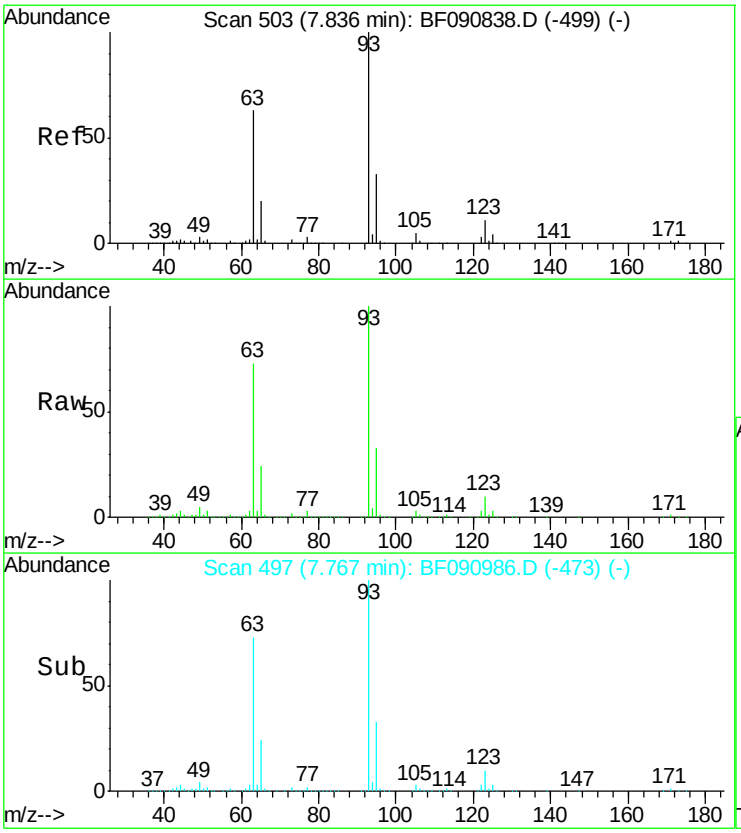
Tgt Ion:122 Resp: 487665

Ion	Ratio	Lower	Upper
122	100		
107	120.2	71.8	107.6#
121	58.7	42.3	63.5



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

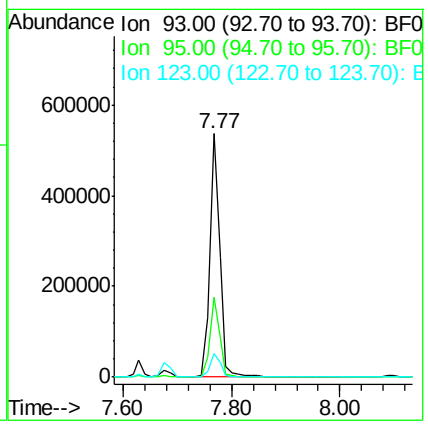
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

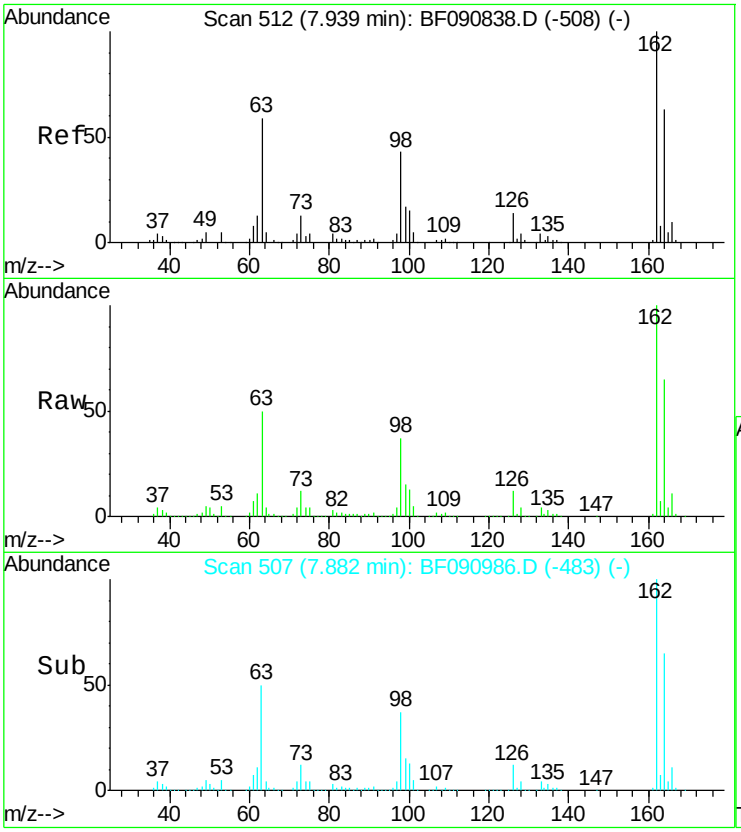


#28
bis(2-Chloroethoxy)methane
Concen: 56.84 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 93 Resp: 680574

Ion	Ratio	Lower	Upper
93	100		
95	32.7	27.5	41.3
123	9.6	13.7	20.5#

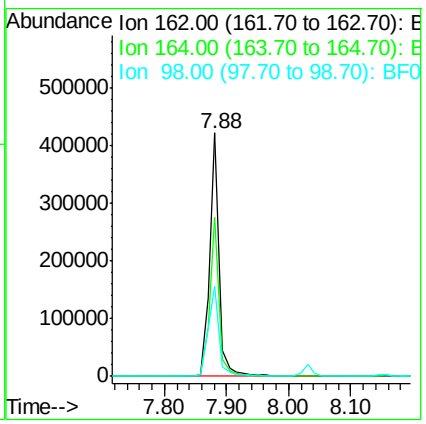




#29
2,4-Dichlorophenol
Concen: 50.56 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

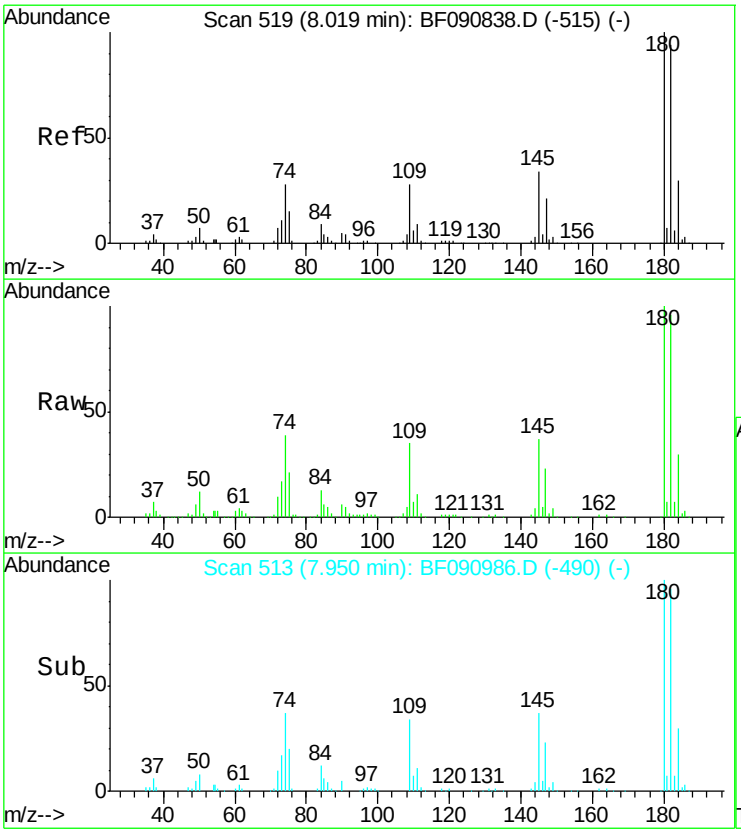
Tgt Ion:162 Resp: 445494

Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.9	84.9
98	37.1	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

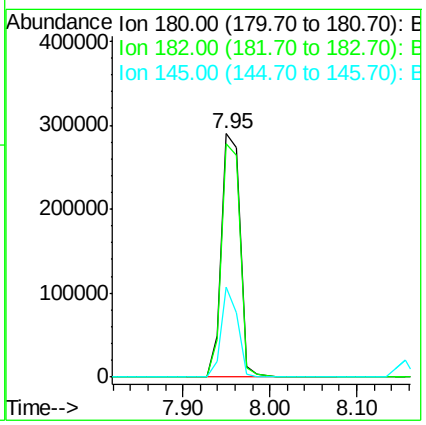
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

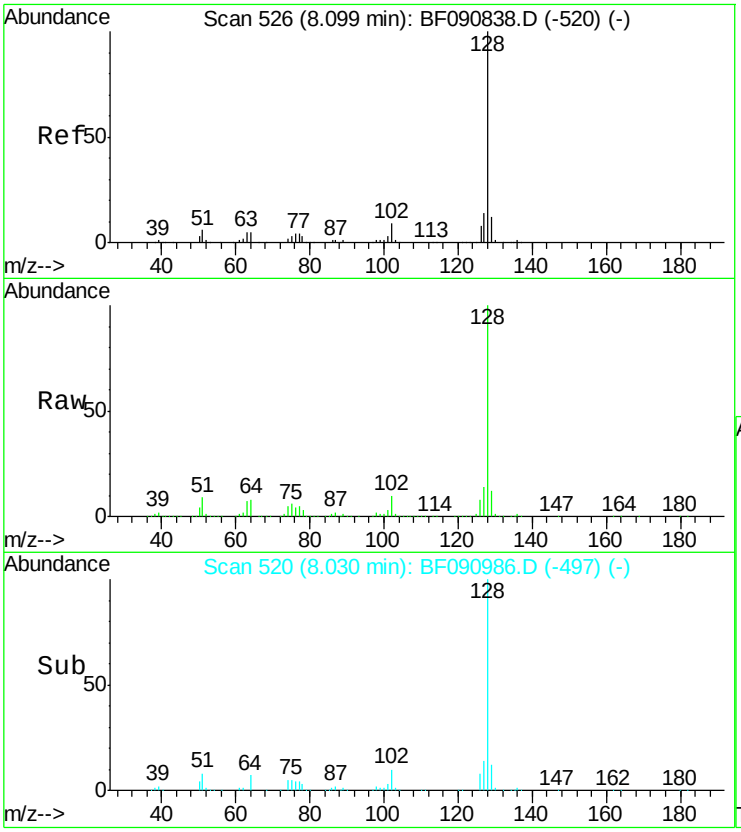


#30
1,2,4-Trichlorobenzene
Concen: 42.83 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:180 Resp: 436111

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.1	115.7
145	37.0	23.3	34.9#

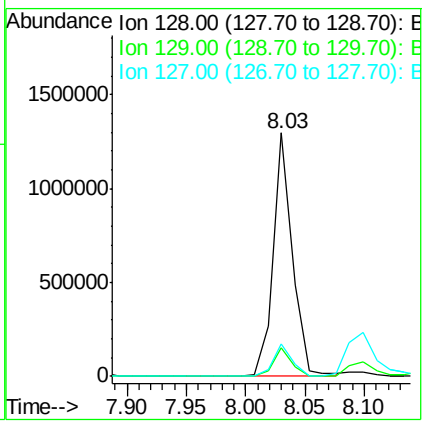




#31
Naphthalene
Concen: 45.84 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

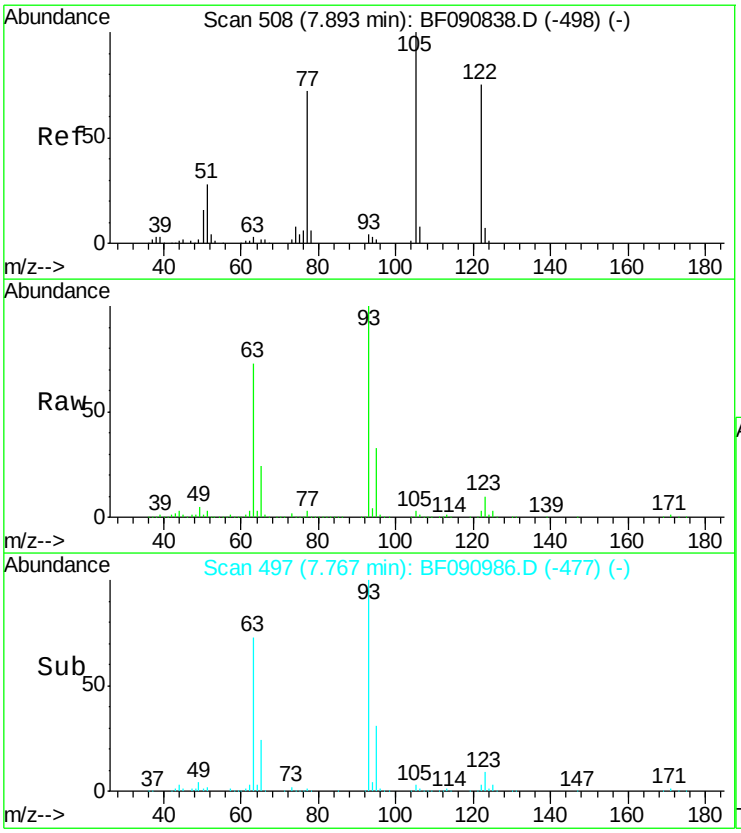
Tgt Ion:128 Resp: 1455216

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	13.5	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

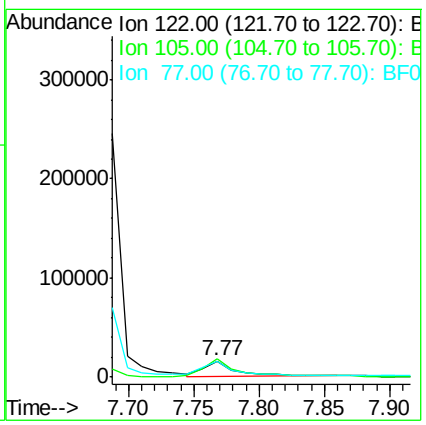
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

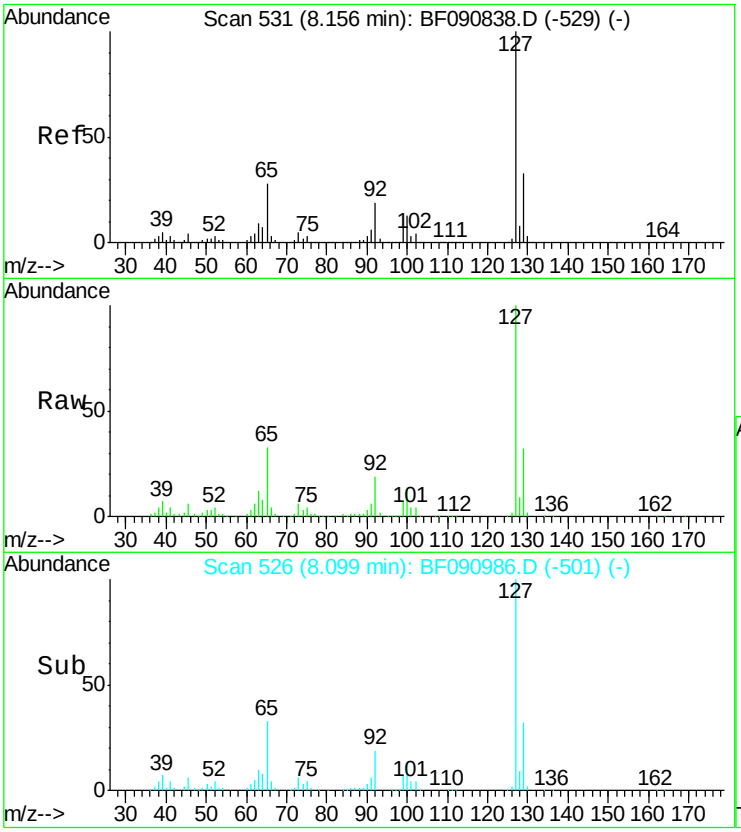


#32
Benzoic acid
Concen: 4.01 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.07 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:122 Resp: 27704

Ion	Ratio	Lower	Upper
122	100		
105	117.2	76.1	116.1#
77	103.0	40.5	80.5#

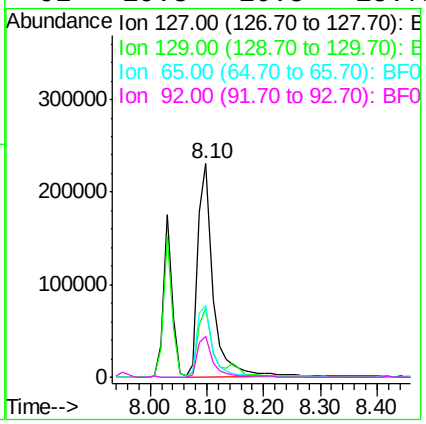




#33
4-Chloroaniline
Concen: 32.70 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

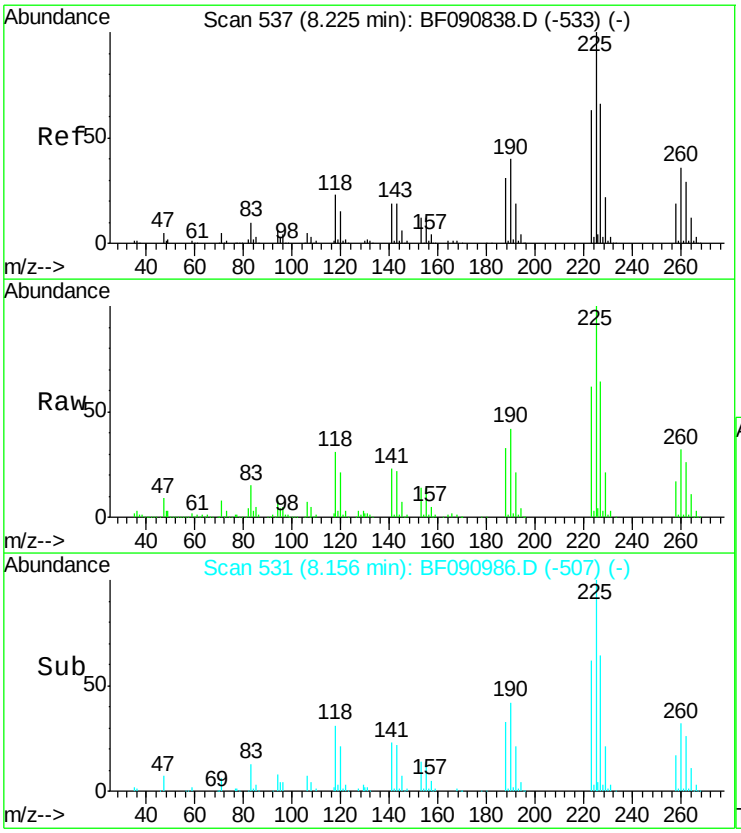
Tgt Ion:127 Resp: 419353

Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	33.4	17.9	26.9#
92	19.3	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

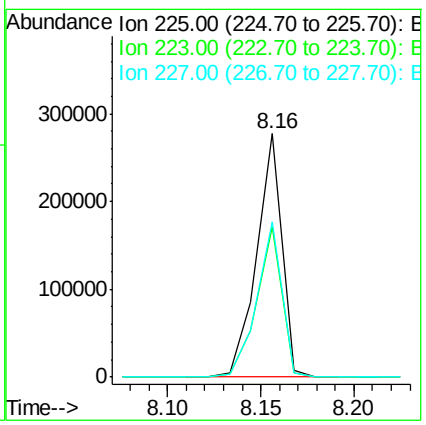
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

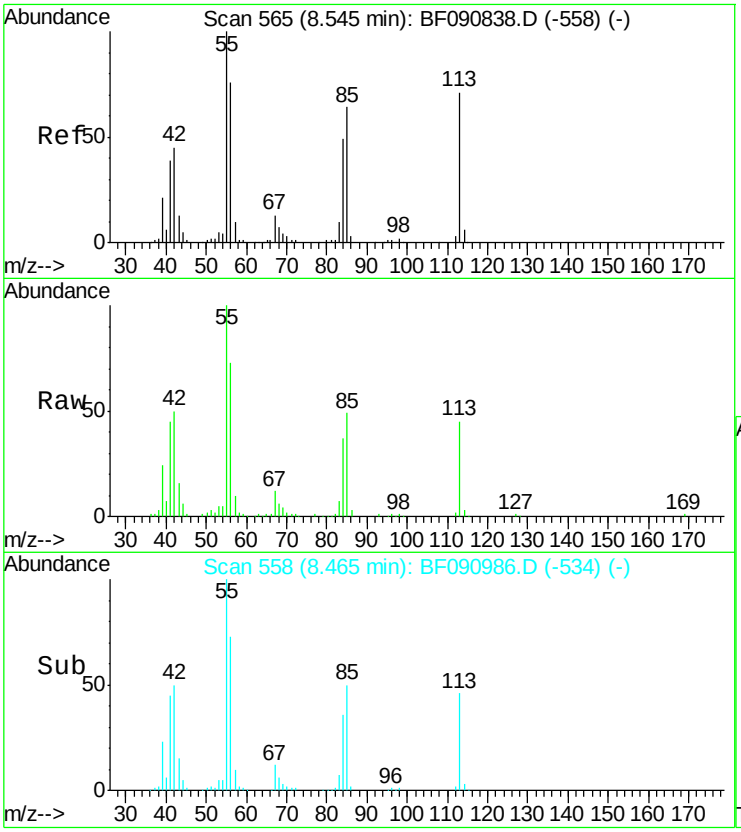


#34
Hexachlorobutadiene
Concen: 42.95 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:225 Resp: 257155

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.2	75.2
227	63.7	52.2	78.2

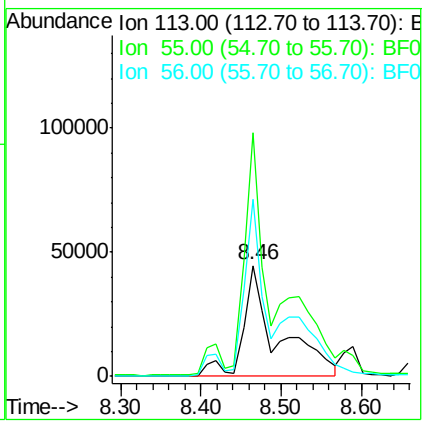




#35
Caprolactam
Concen: 48.59 ng m
RT: 8.46 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

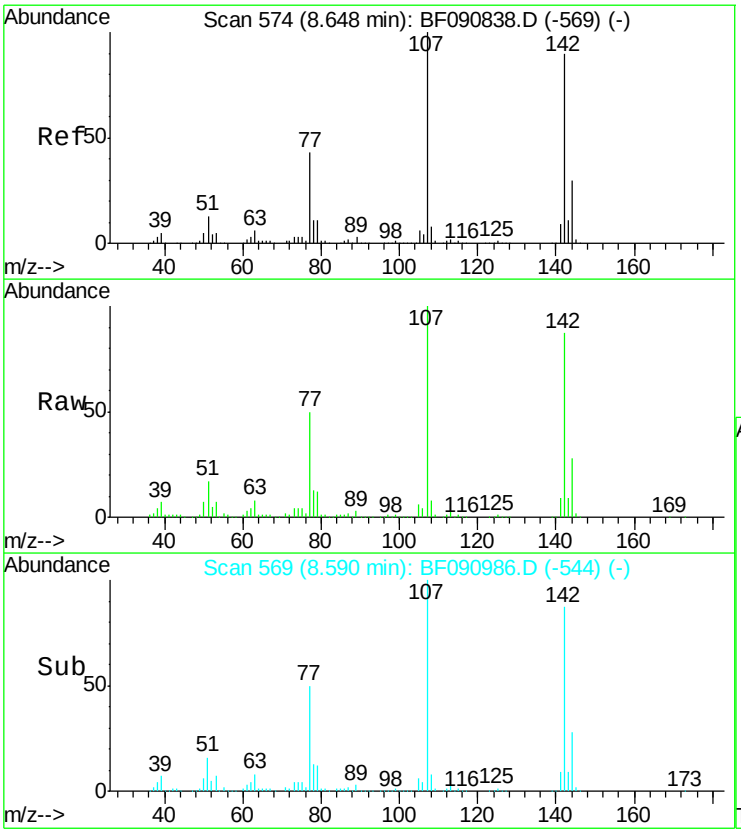
Tgt Ion:113 Resp: 132901

Ion	Ratio	Lower	Upper
113	100		
55	220.0	152.4	192.4#
56	159.5	104.6	144.6#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

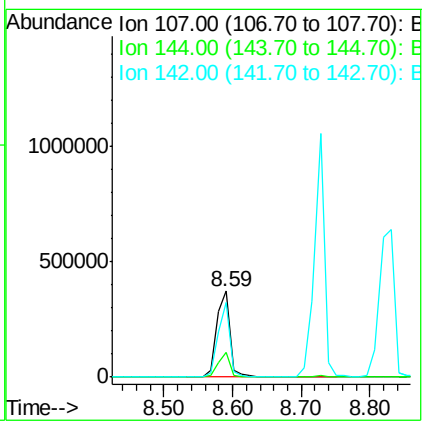
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

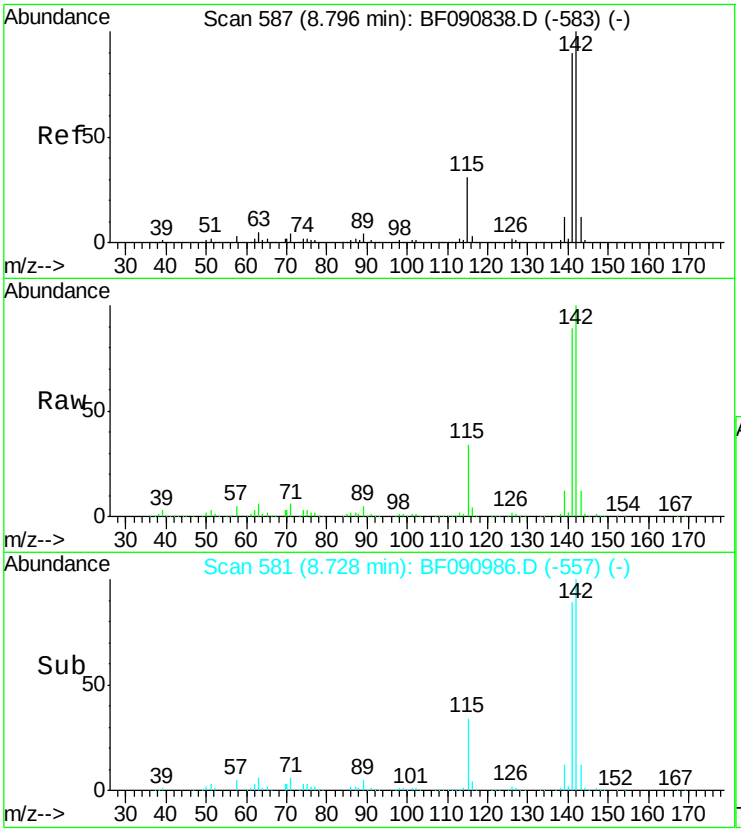


#36
4-Chloro-3-methylphenol
Concen: 53.89 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:107 Resp: 516444

Ion	Ratio	Lower	Upper
107	100		
144	28.1	25.4	38.0
142	86.7	77.3	115.9

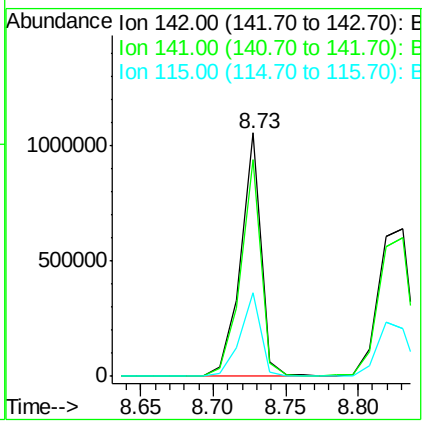




#37
2-Methylnaphthalene
Concen: 50.40 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

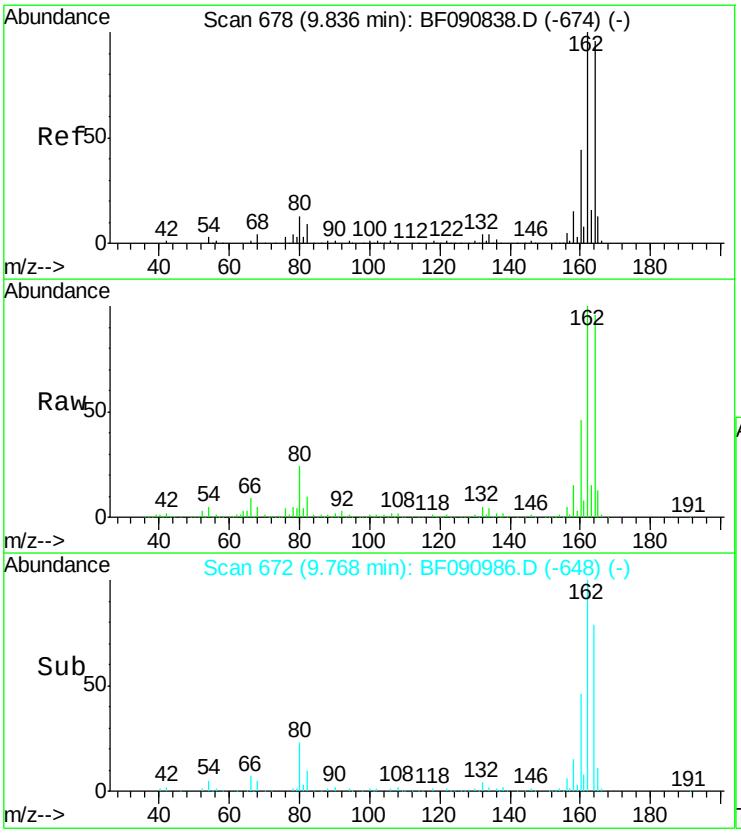
Tgt Ion:142 Resp: 1033249

Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.5	101.3
115	34.4	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

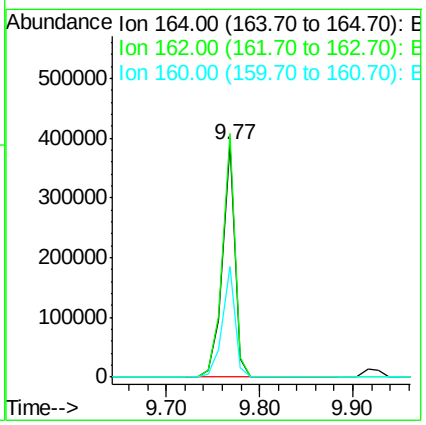
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

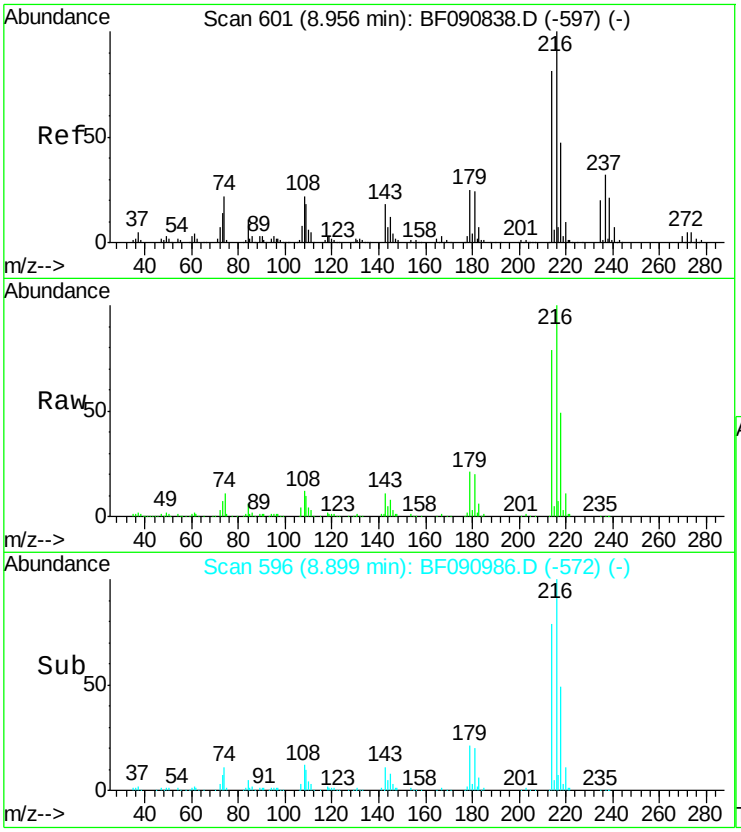


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:164 Resp: 365291

Ion	Ratio	Lower	Upper
164	100		
162	104.5	75.2	112.8
160	47.7	31.5	47.3#

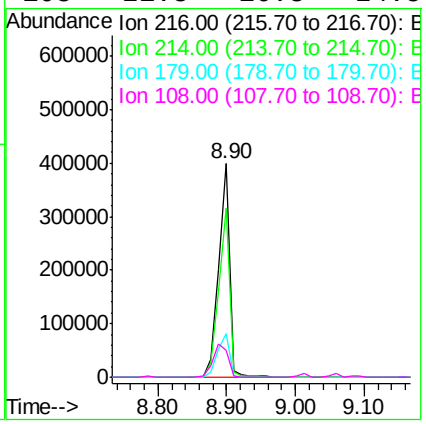




#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.15 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

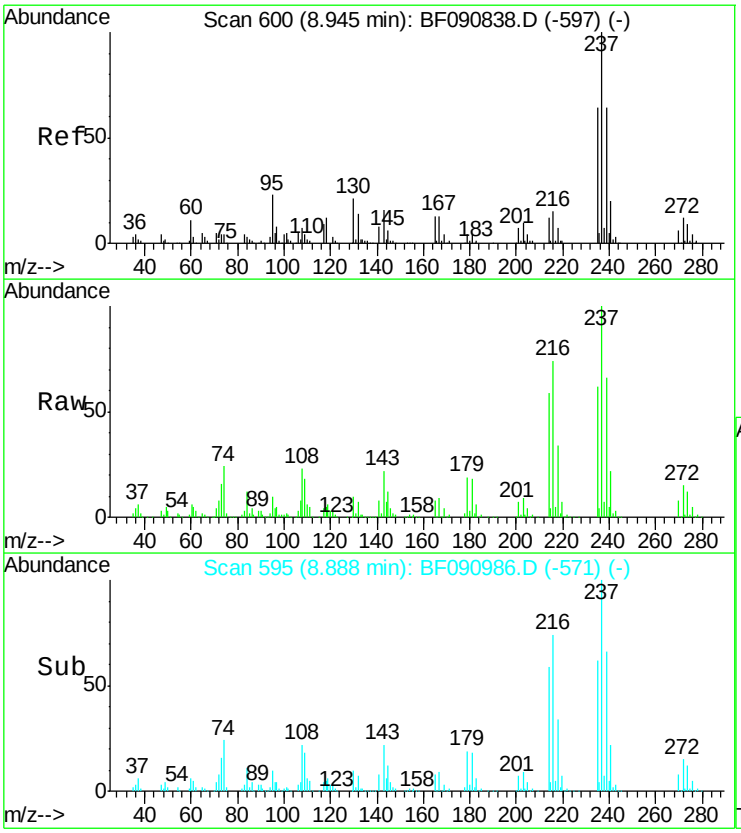
Tgt Ion:216 Resp: 452437

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.5	95.3
179	22.5	16.6	24.8
108	21.3	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

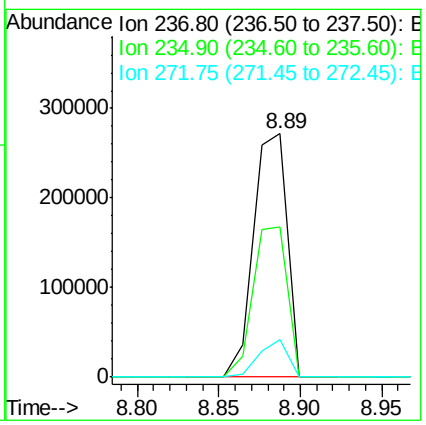
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

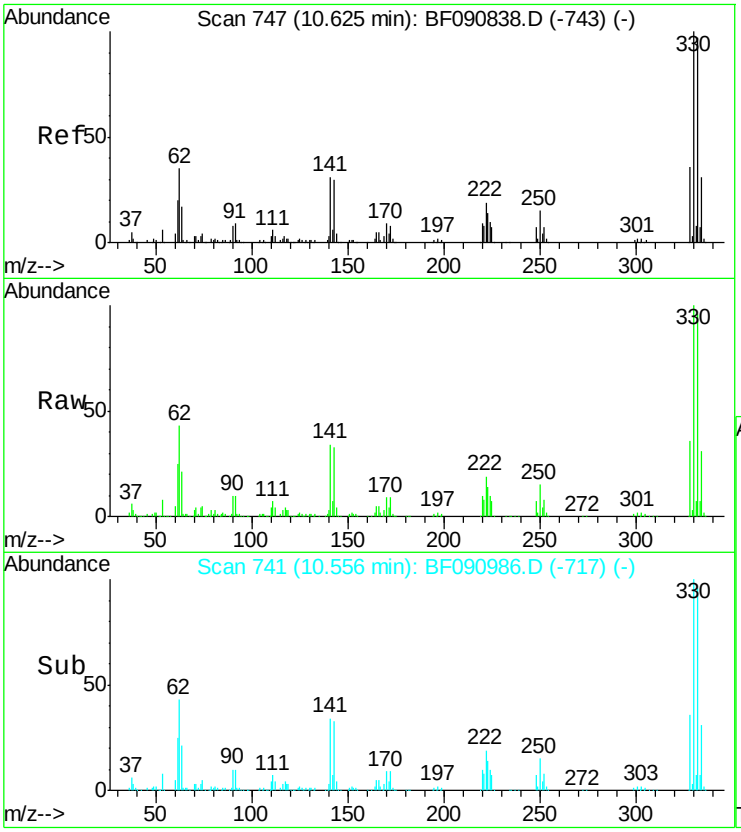


#40
Hexachlorocyclopentadiene
Concen: 84.64 ng
RT: 8.89 min Scan# 595
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:237 Resp: 390202

Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	15.3	0.0	36.1

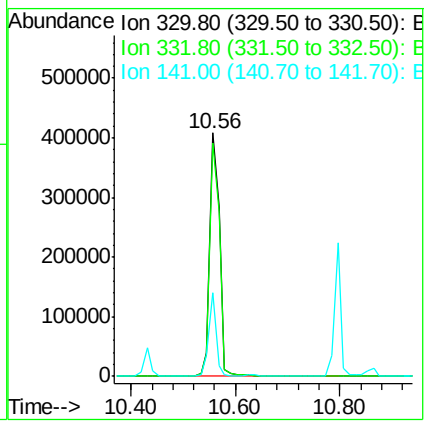




#41
2,4,6-Tribromophenol
Concen: 140.96 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

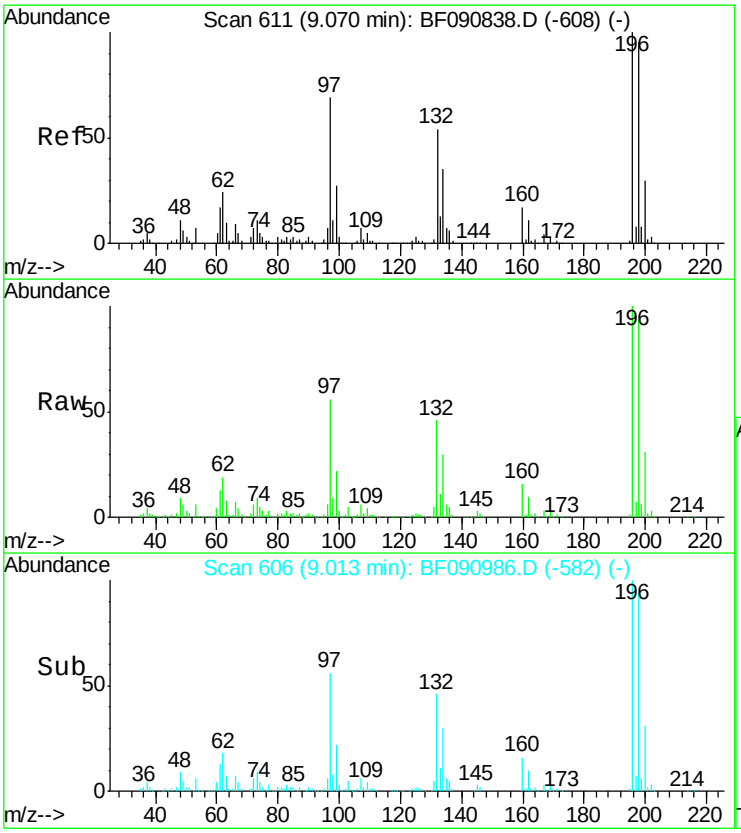
Tgt Ion:330 Resp: 529148

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	26.0	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

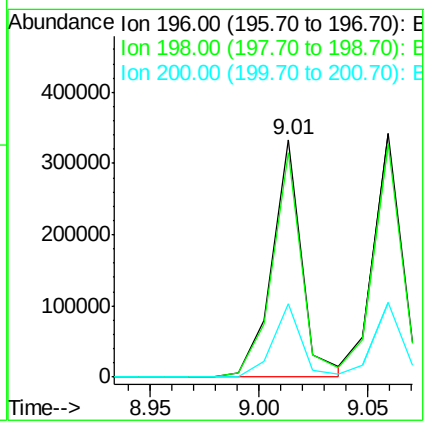
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

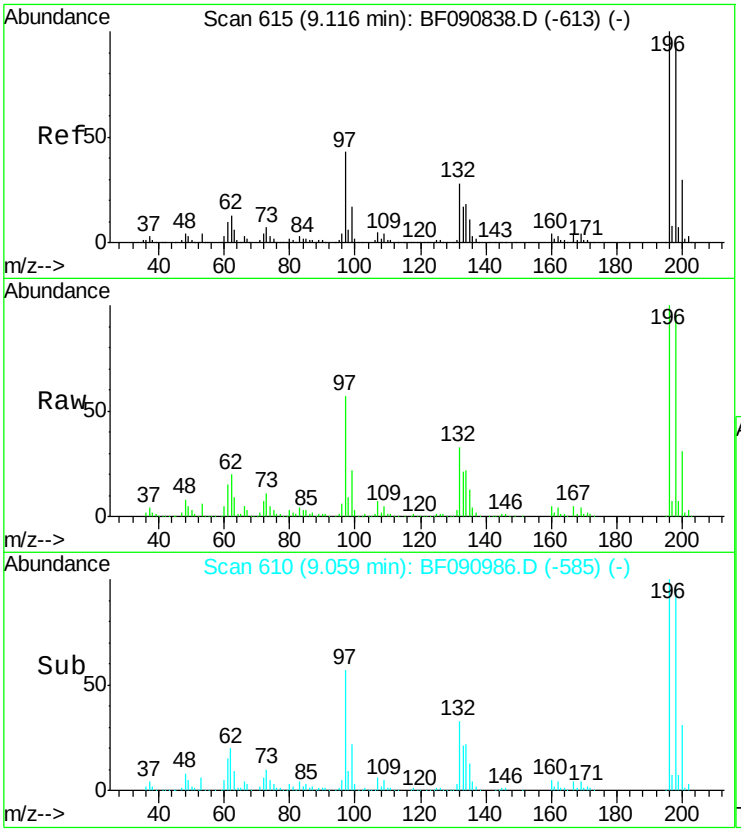


#42
2,4,6-Trichlorophenol
Concen: 49.32 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:196 Resp: 319049

Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
200	30.9	23.9	35.9

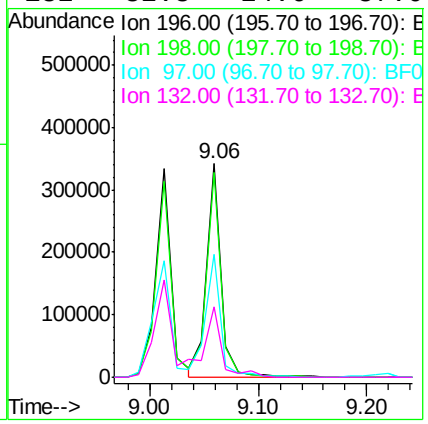




#43
2,4,5-Trichlorophenol
Concen: 47.82 ng
RT: 9.06 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

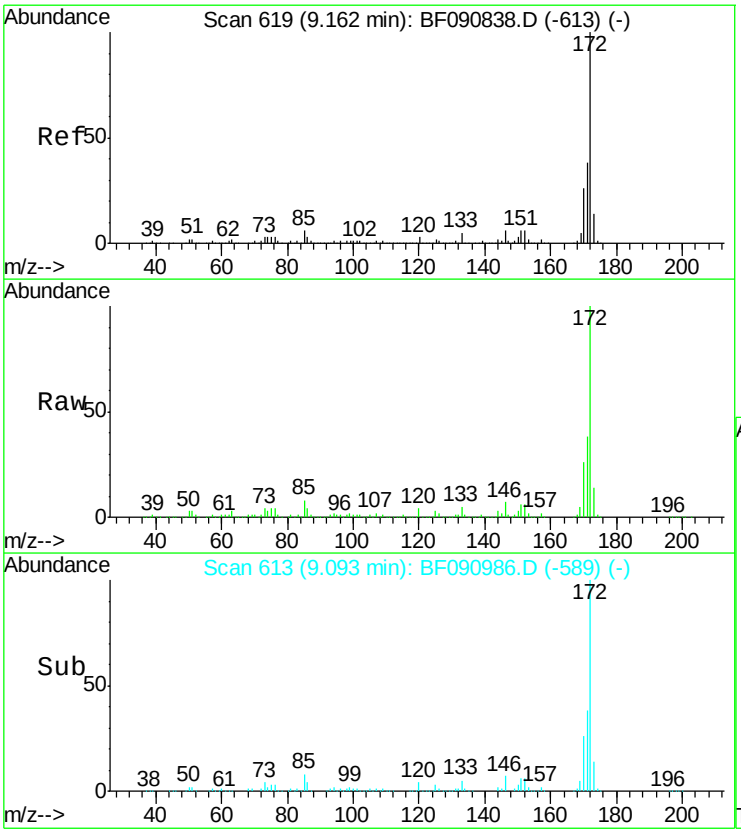
Tgt Ion:196 Resp: 318636

Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.0
97	57.5	33.3	49.9#
132	32.8	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

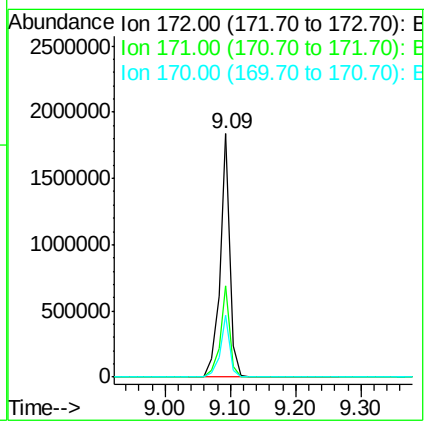
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

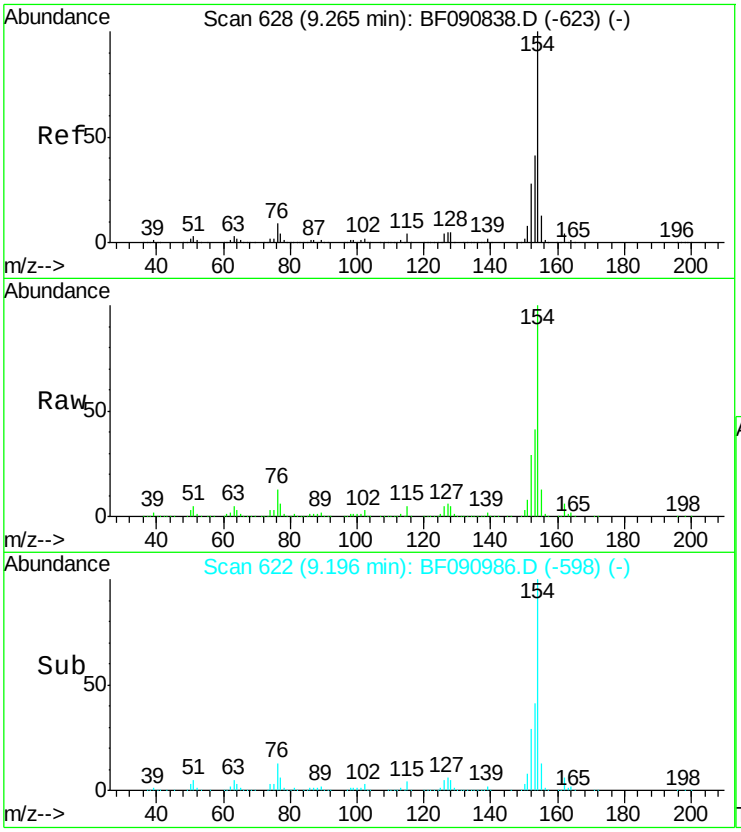


#44
2-Fluorobiphenyl
Concen: 94.19 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:172 Resp: 1959382

Ion	Ratio	Lower	Upper
172	100		
171	37.7	26.1	39.1
170	25.7	17.4	26.2

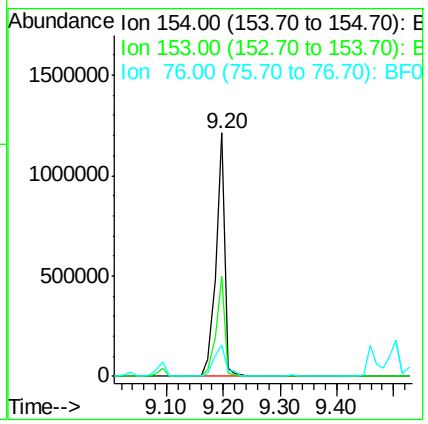




#45
1,1'-Biphenyl
Concen: 48.47 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

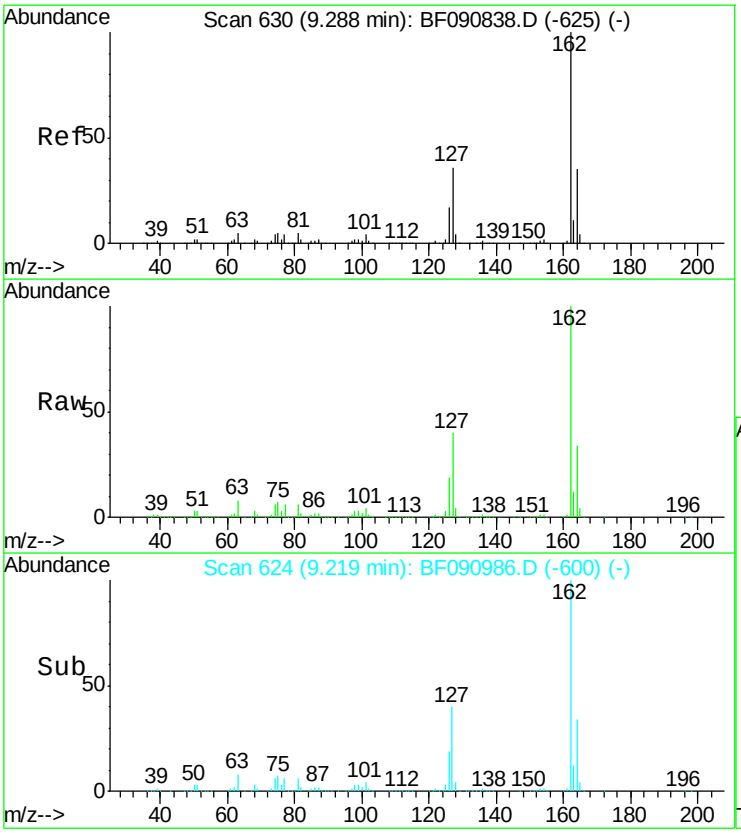
Tgt Ion:154 Resp: 1275290

Ion	Ratio	Lower	Upper
154	100		
153	41.4	17.1	57.1
76	12.6	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

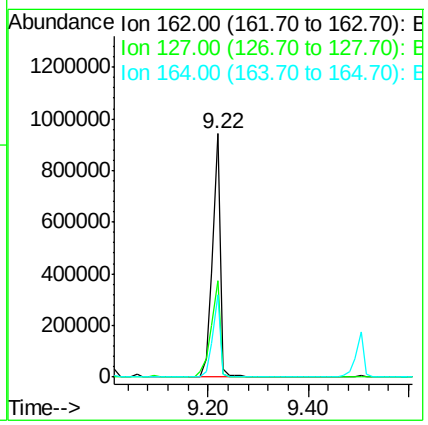
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

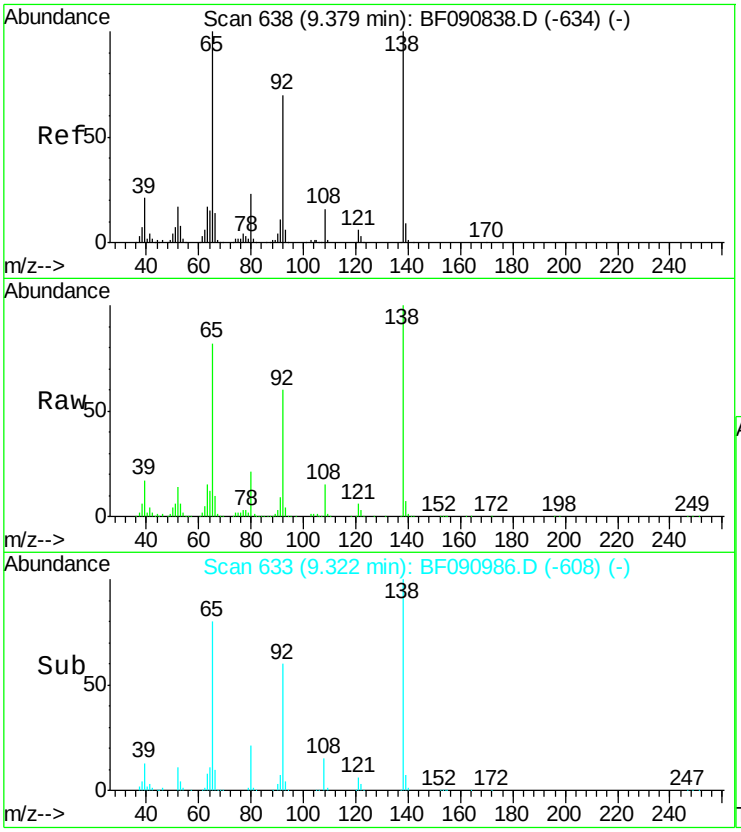


#46
2-Chloronaphthalene
Concen: 50.69 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:162 Resp: 1014559

Ion	Ratio	Lower	Upper
162	100		
127	39.6	27.6	41.4
164	33.7	25.4	38.2

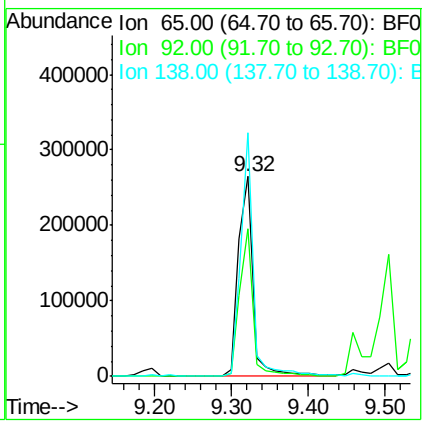




#47
2-Nitroaniline
Concen: 63.03 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

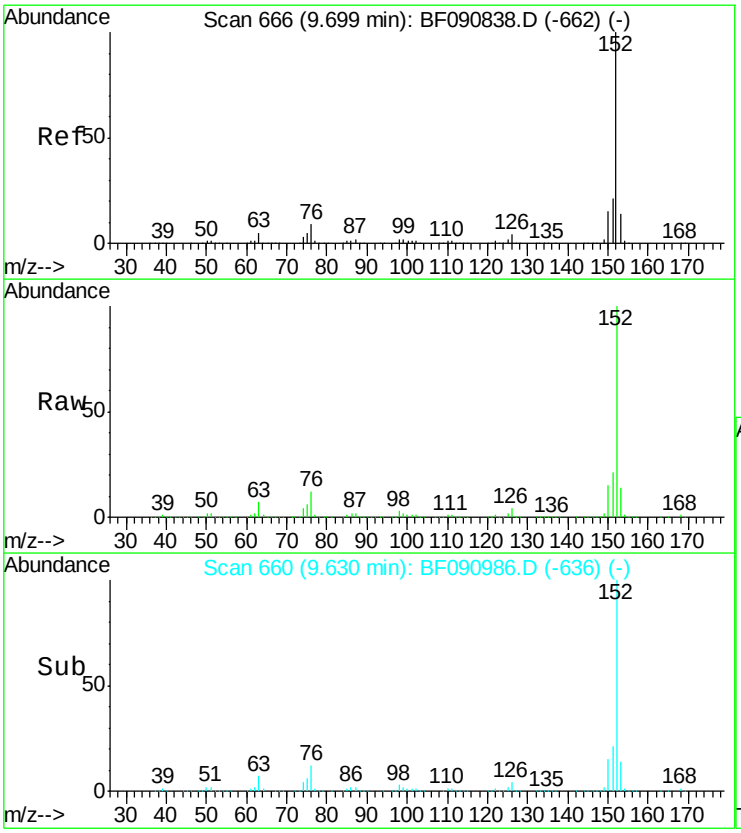
Tgt Ion: 65 Resp: 355963

Ion	Ratio	Lower	Upper
65	100		
92	73.8	55.4	83.0
138	122.0	115.5	173.3



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

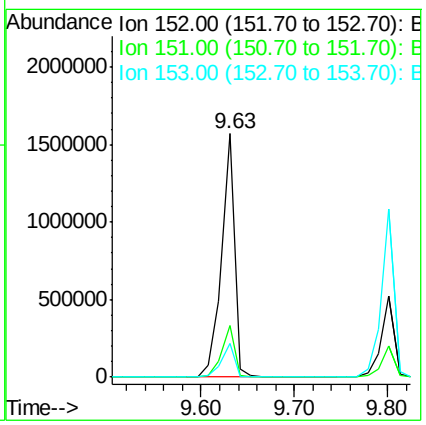
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

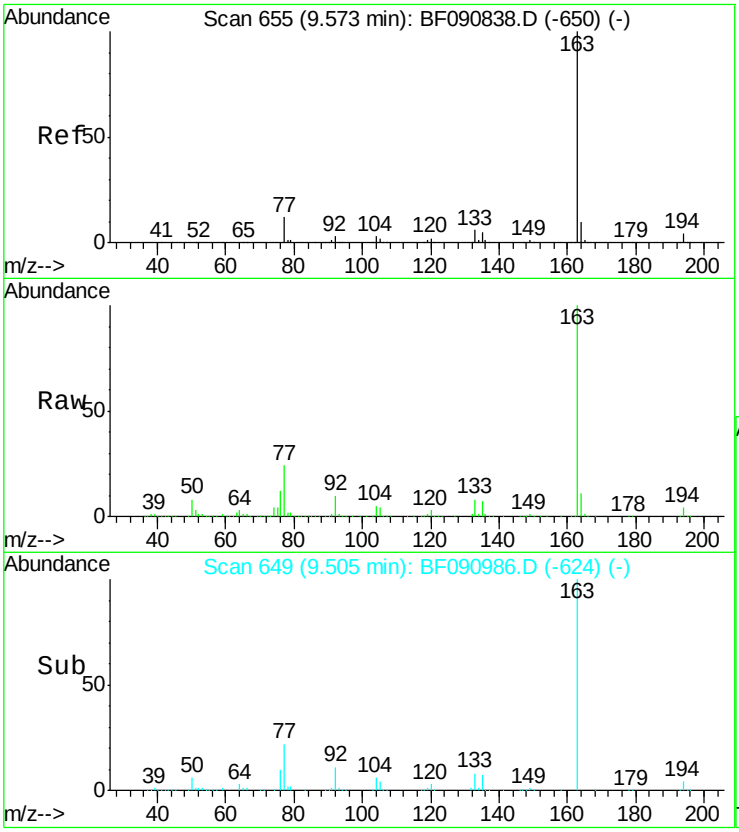


#48
Acenaphthylene
Concen: 50.00 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:152 Resp: 1515355

Ion	Ratio	Lower	Upper
152	100		
151	21.3	14.6	22.0
153	14.0	10.3	15.5

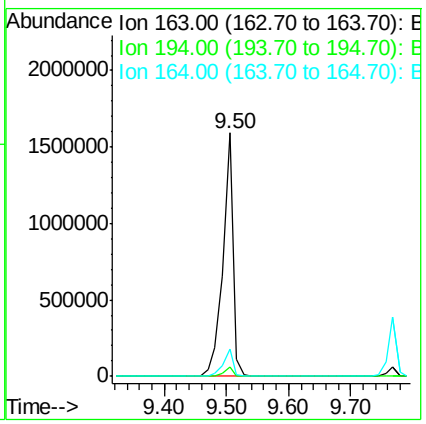




#49
Dimethylphthalate
Concen: 73.43 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

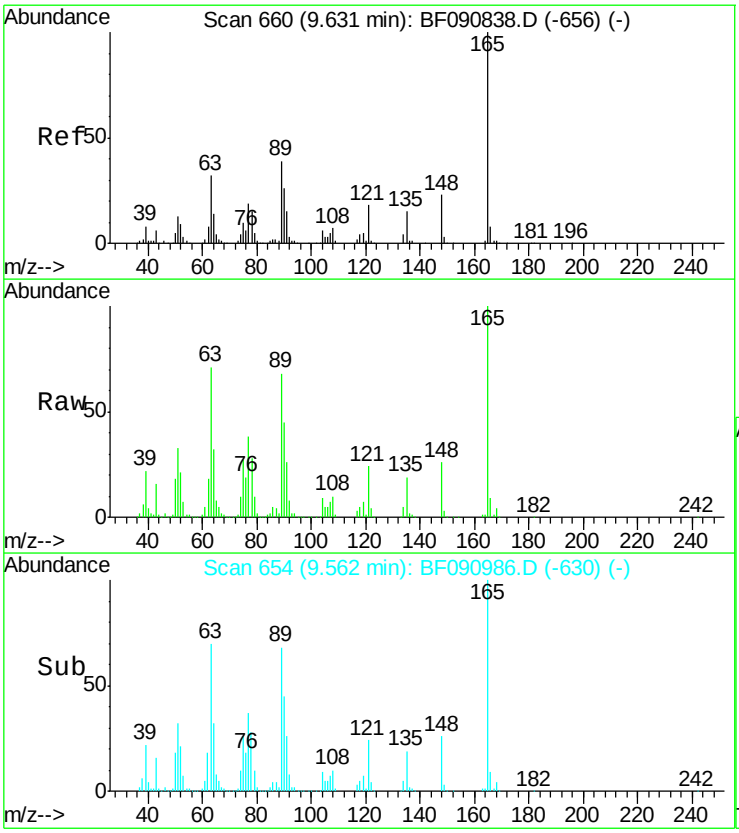
Tgt Ion:163 Resp: 1792137

Ion	Ratio	Lower	Upper
163	100		
194	3.7	4.4	6.6#
164	11.0	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

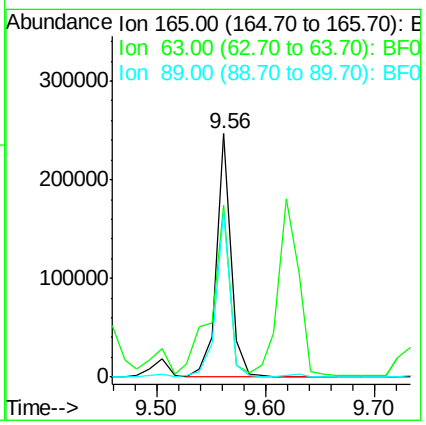
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

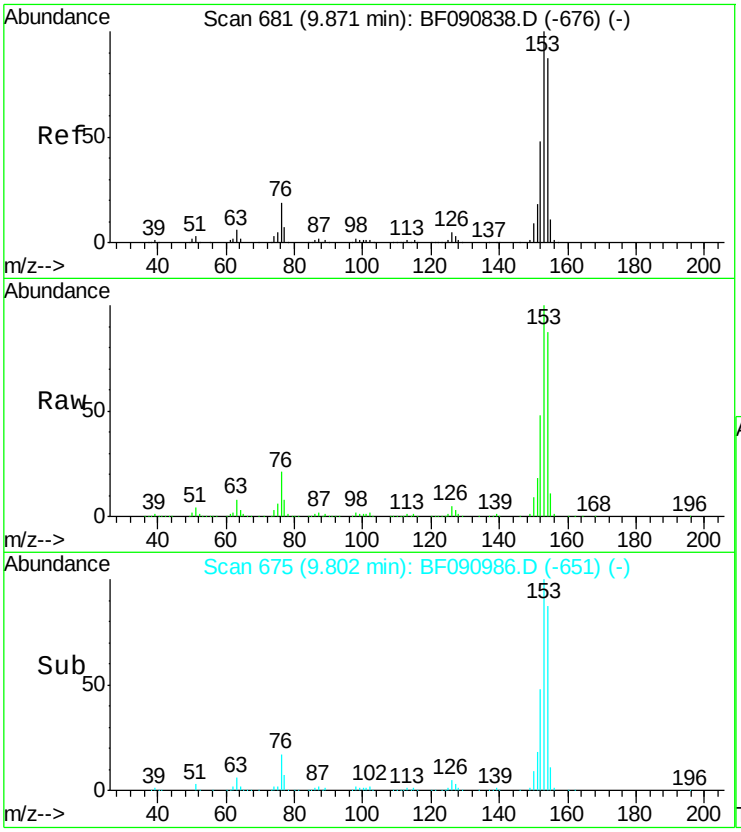


#50
2,6-Dinitrotoluene
Concen: 43.00 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:165 Resp: 231755

Ion	Ratio	Lower	Upper
165	100		
63	70.8	32.3	48.5#
89	68.1	28.6	43.0#

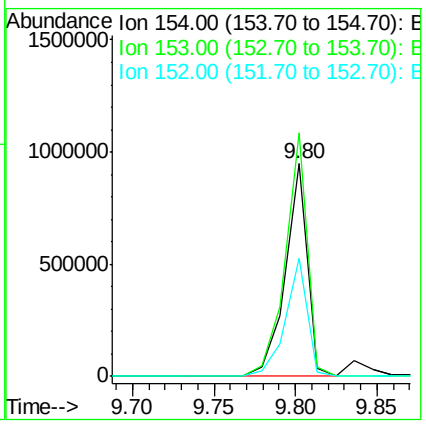




#51
Acenaphthene
Concen: 42.66 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

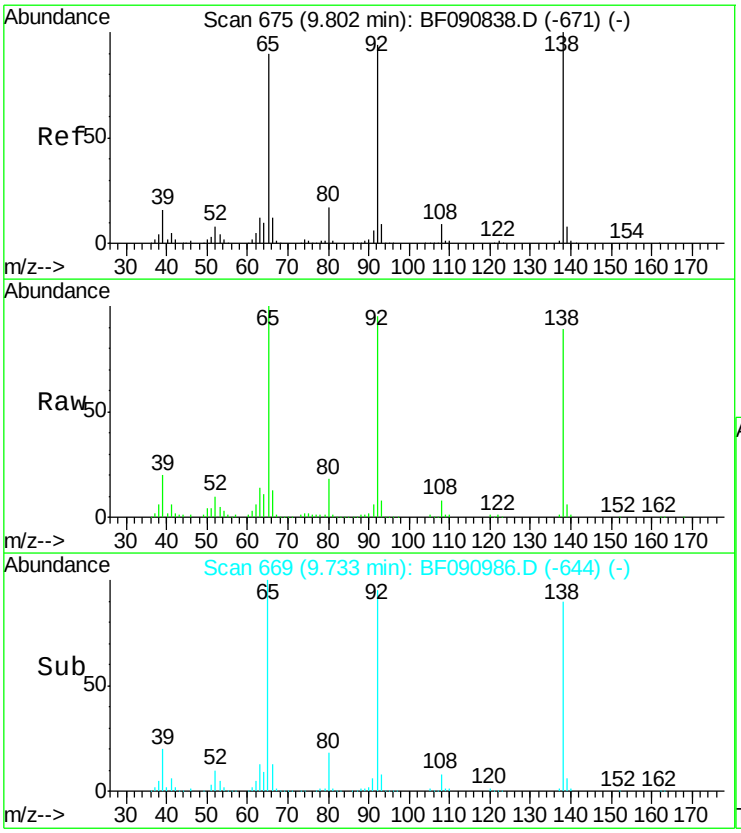
Tgt Ion:154 Resp: 890392

Ion	Ratio	Lower	Upper
154	100		
153	114.7	82.1	123.1
152	55.6	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

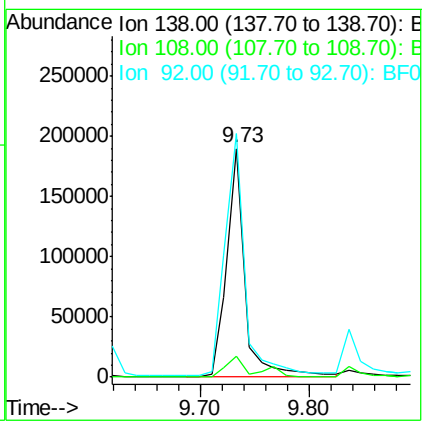
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

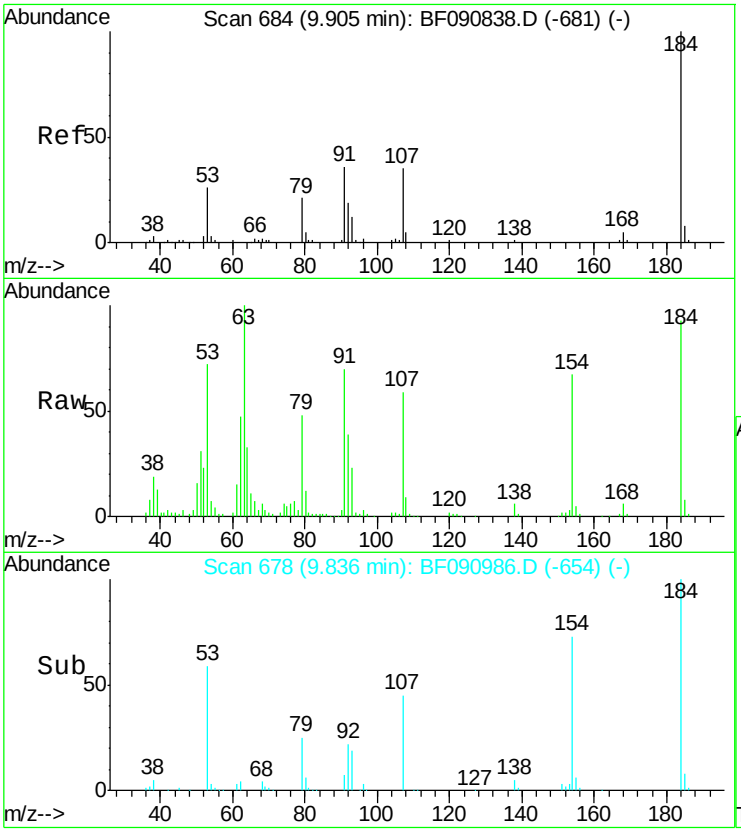


#52
3-Nitroaniline
Concen: 38.15 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:138 Resp: 218911

Ion	Ratio	Lower	Upper
138	100		
108	9.0	5.7	8.5#
92	106.5	67.7	101.5#

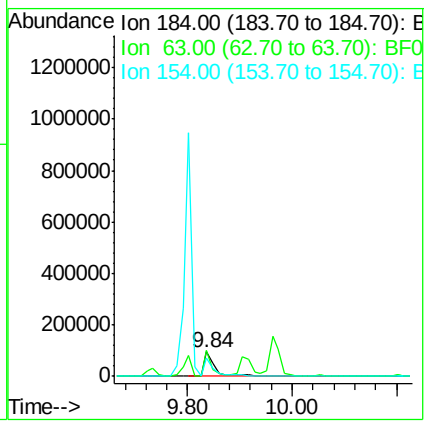




#53
2,4-Dinitrophenol
Concen: 50.19 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

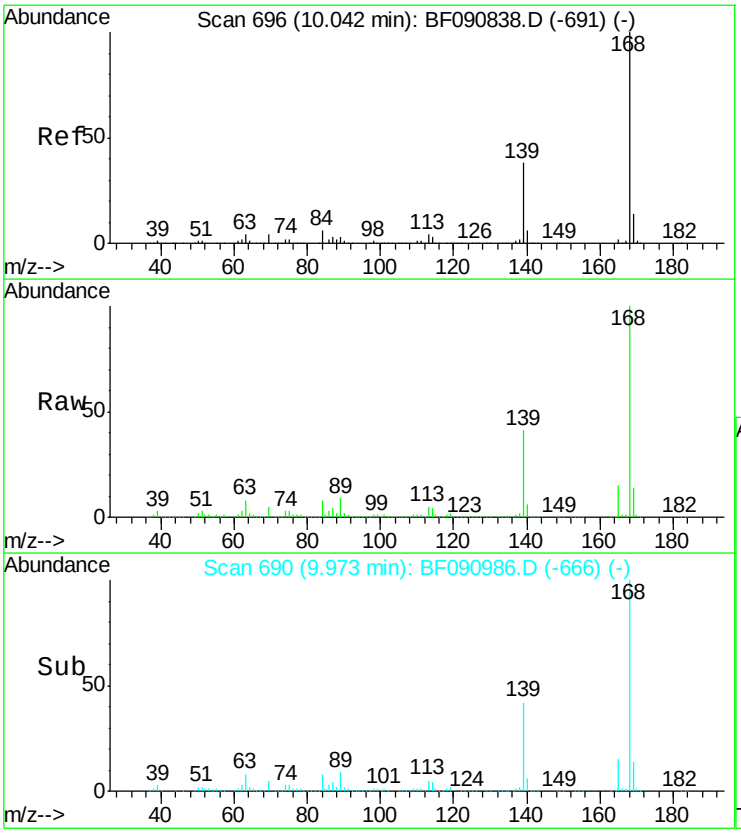
Tgt Ion:184 Resp: 142411

Ion	Ratio	Lower	Upper
184	100		
63	108.1	35.4	53.2#
154	72.9	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

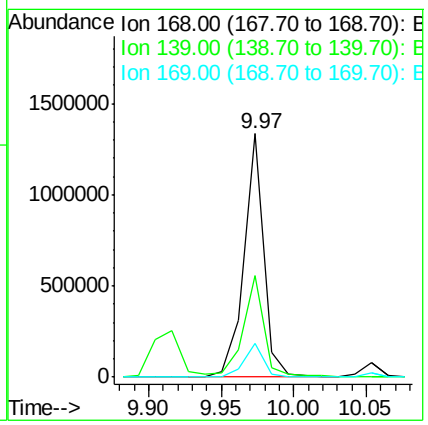
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

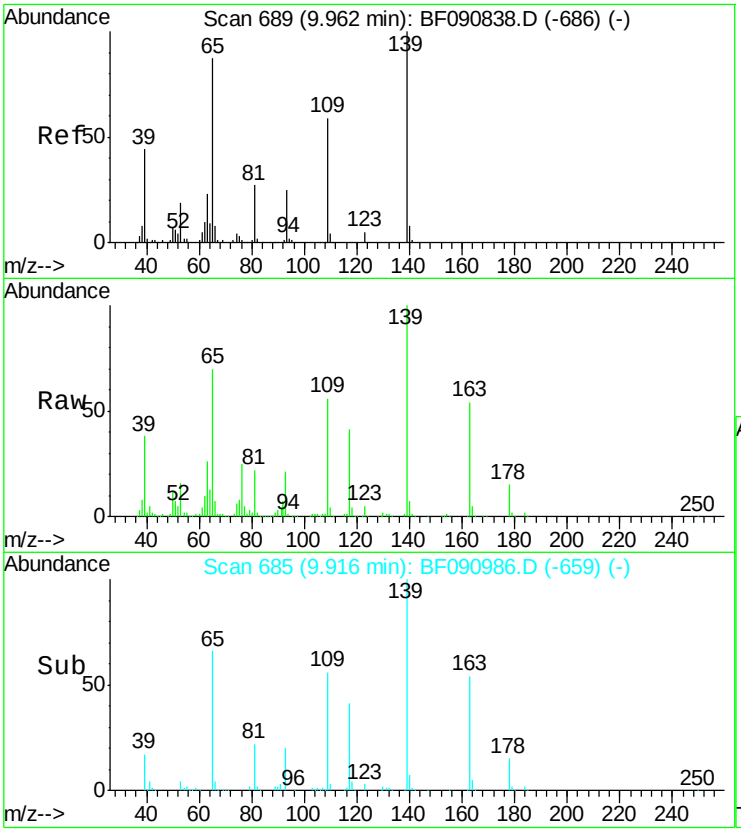


#54
Dibenzofuran
Concen: 47.06 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:168 Resp: 1267605

Ion	Ratio	Lower	Upper
168	100		
139	41.5	24.2	36.2#
169	14.1	10.6	15.8





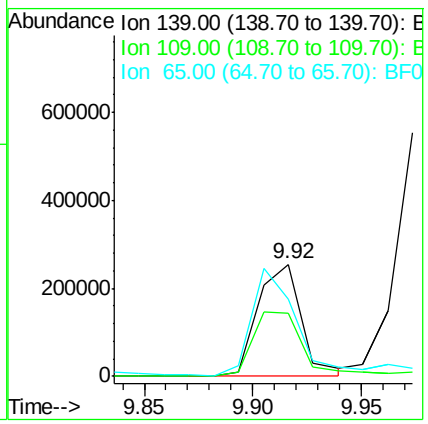
#55
4-Nitrophenol
Concen: 102.23 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

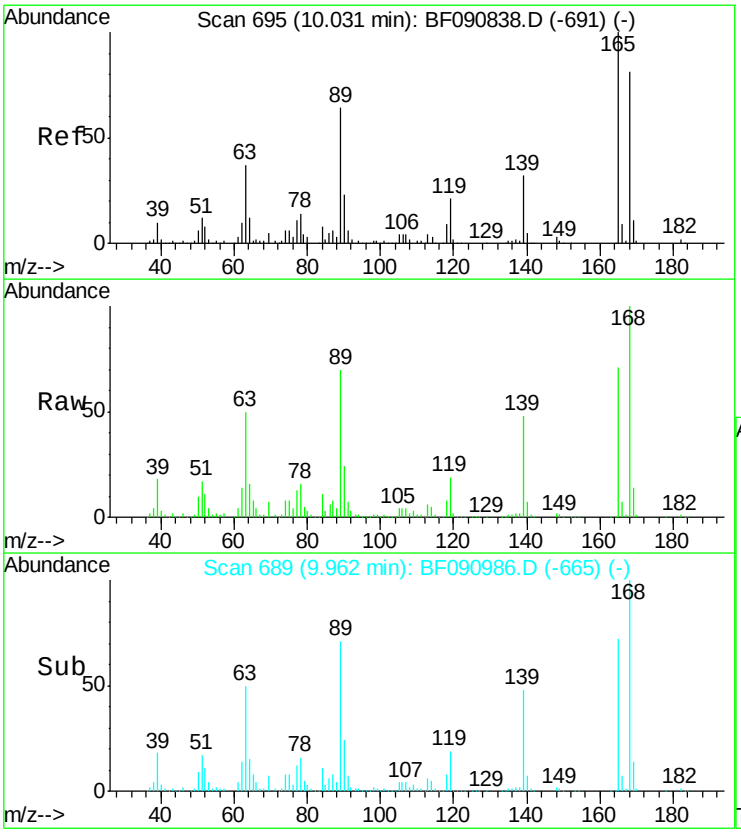
Tgt Ion:139 Resp: 357754

Ion	Ratio	Lower	Upper
139	100		
109	56.3	12.7	52.7#
65	69.5	45.9	85.9

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

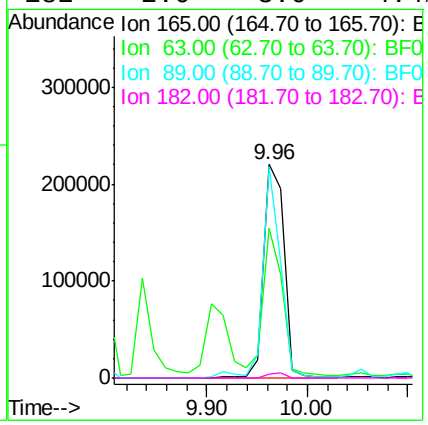


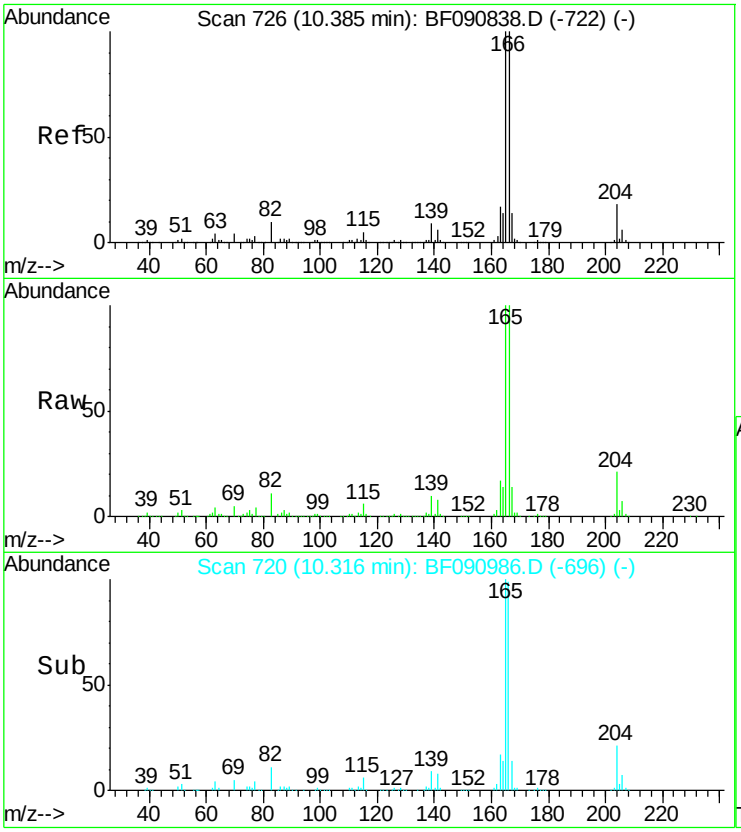


#56
2,4-Dinitrotoluene
Concen: 46.43 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:165 Resp: 310865

Ion	Ratio	Lower	Upper
165	100		
63	70.3	29.8	44.6#
89	98.7	44.5	66.7#
182	2.0	3.0	4.4#

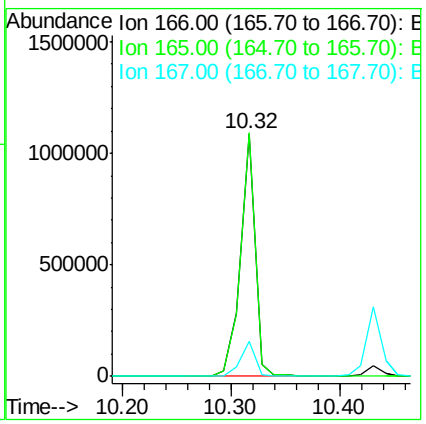




#57
Fluorene
Concen: 45.94 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

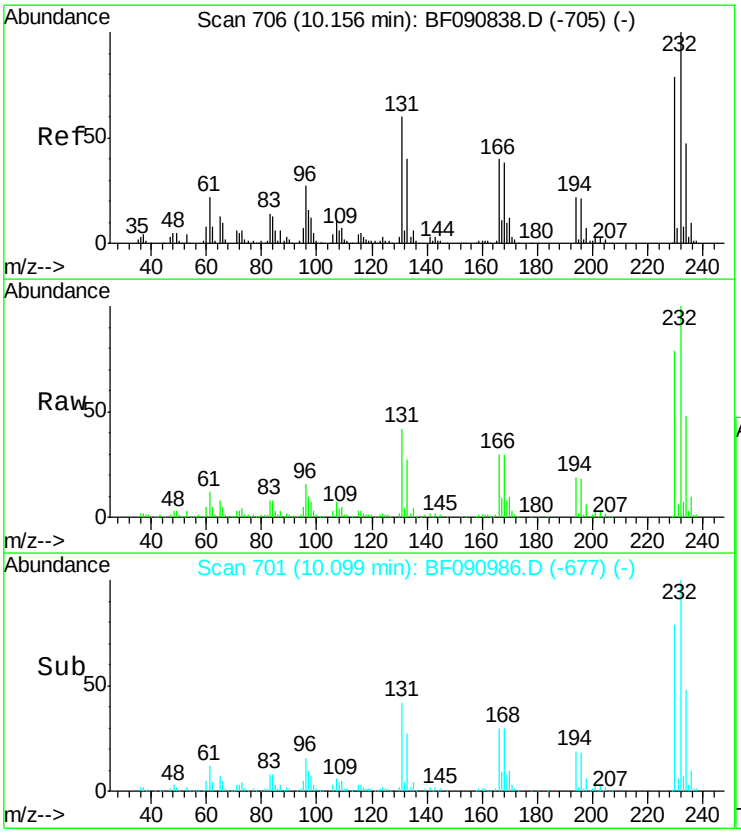
Tgt Ion:166 Resp: 1013666

Ion	Ratio	Lower	Upper
166	100		
165	100.3	72.6	109.0
167	14.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

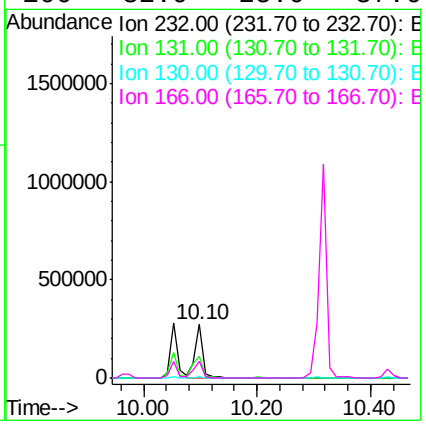
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

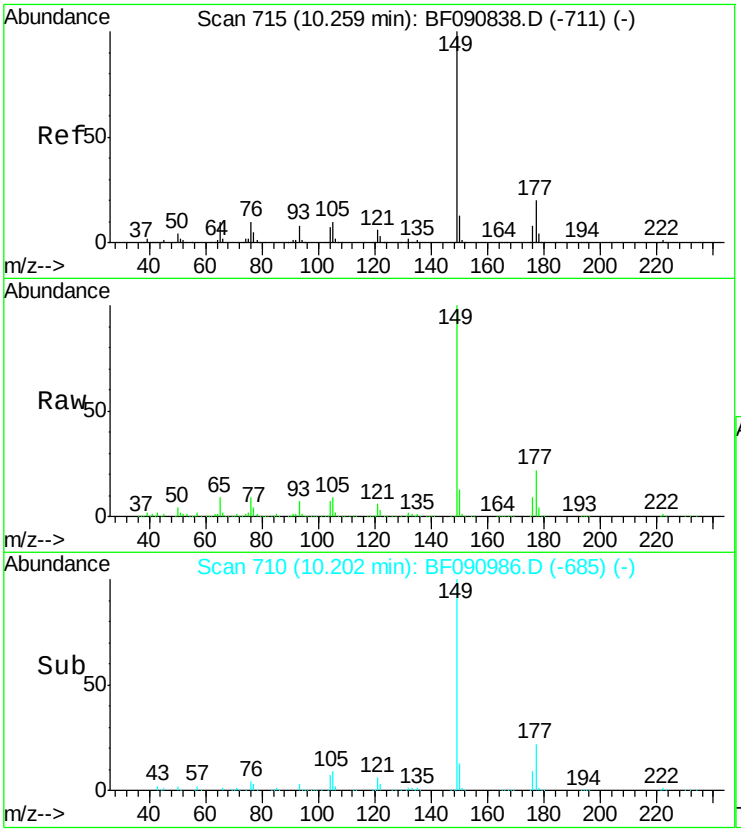


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.51 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:232 Resp: 264825

Ion	Ratio	Lower	Upper
232	100		
131	51.8	38.5	57.7
130	2.3	1.8	2.6
166	32.9	25.0	37.6

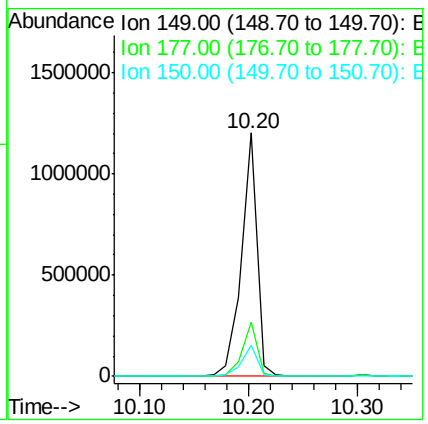




#59
Diethylphthalate
Concen: 48.37 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

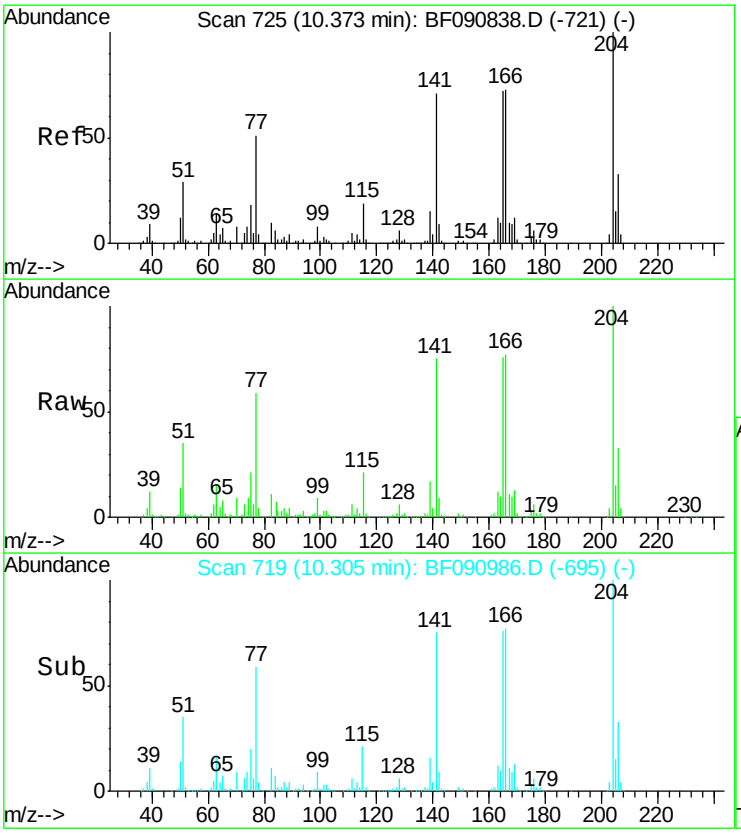
Tgt Ion:149 Resp: 1172543

Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.5	26.3
150	12.7	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

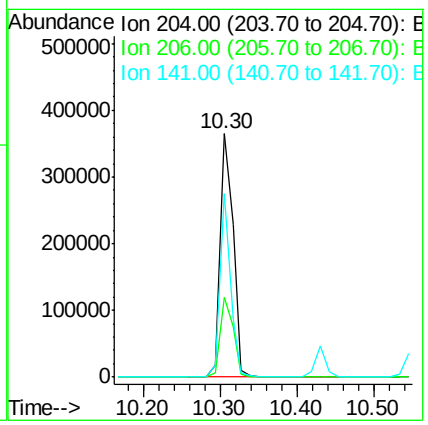
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

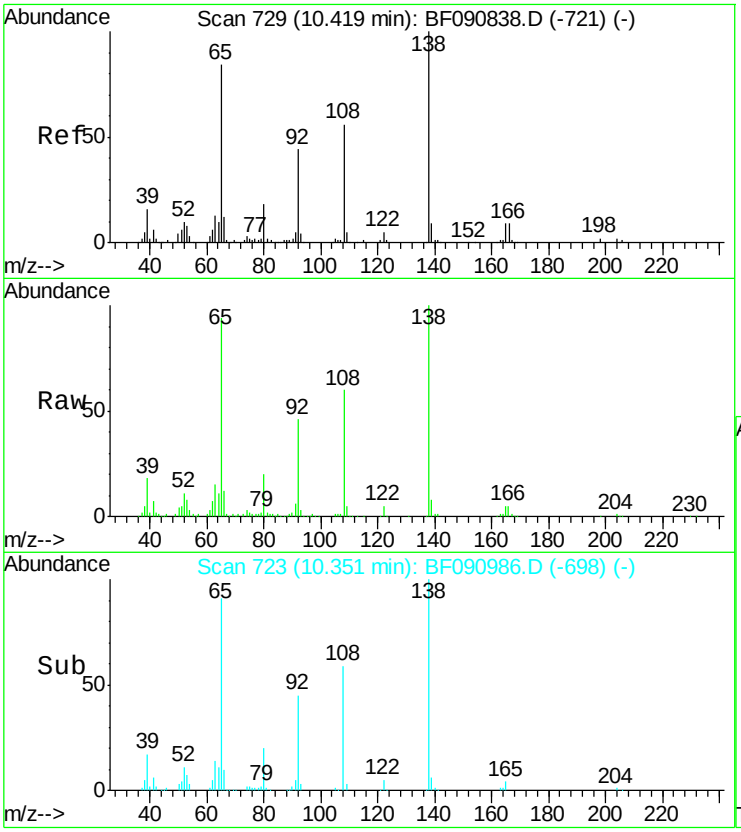


#60
4-Chlorophenyl-phenylether
Concen: 40.36 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:204 Resp: 434659

Ion	Ratio	Lower	Upper
204	100		
206	32.8	24.8	37.2
141	75.2	42.2	63.4#

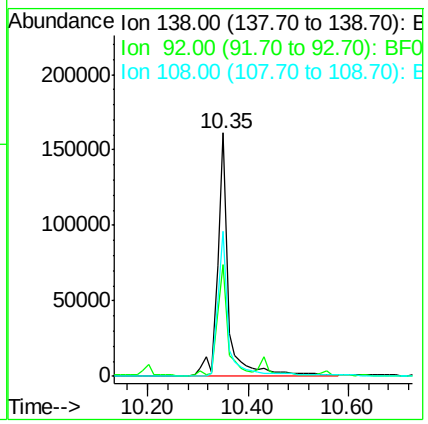




#61
4-Nitroaniline
Concen: 42.15 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

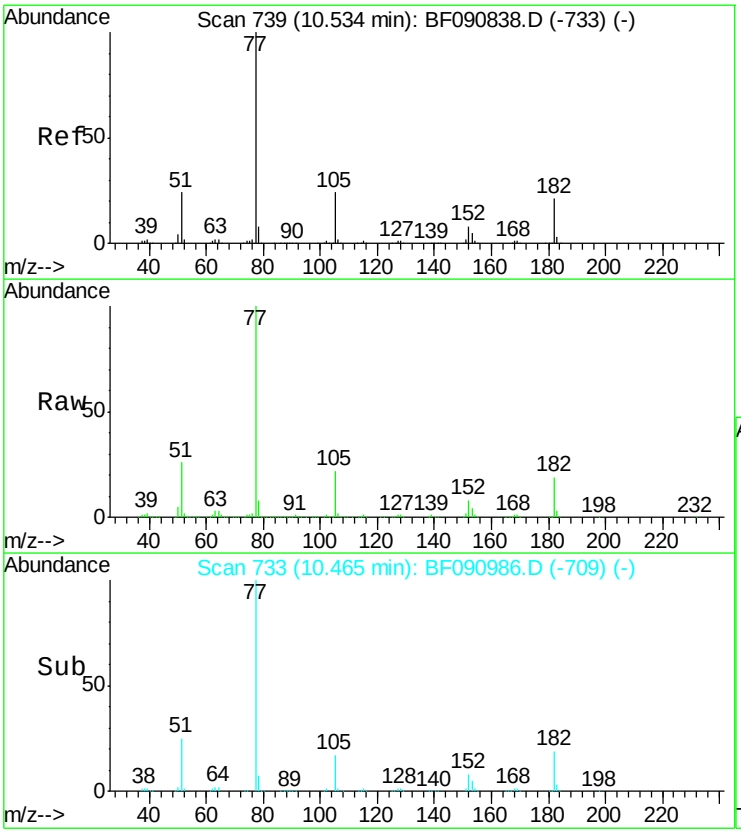
Tgt Ion:138 Resp: 239523

Ion	Ratio	Lower	Upper
138	100		
92	45.7	12.6	52.6
108	59.7	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

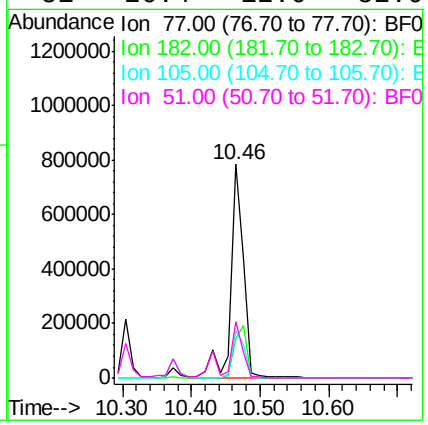
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

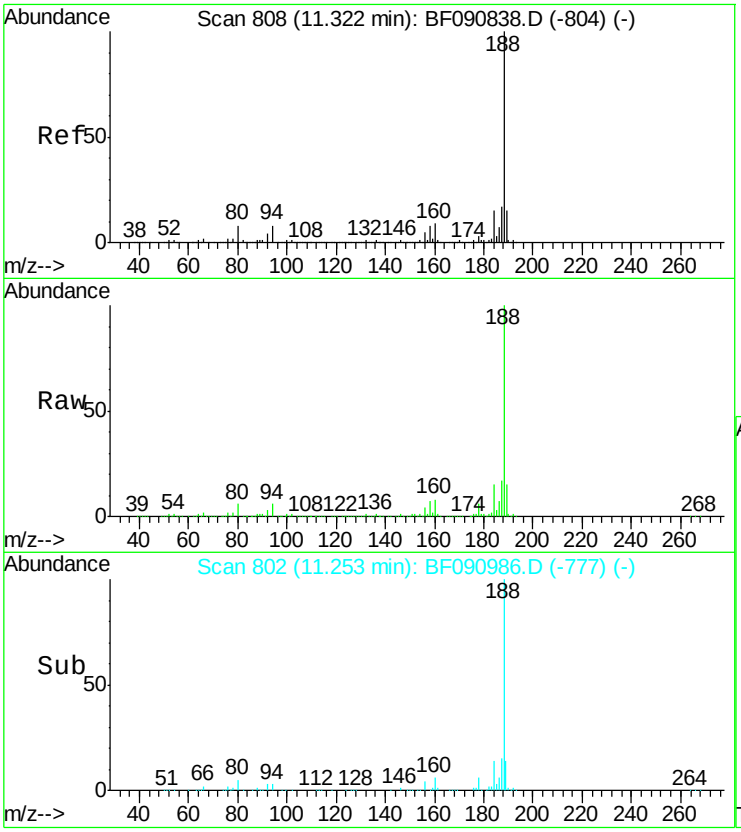


#62
Azobenzene
Concen: 42.76 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion: 77 Resp: 1019405

Ion	Ratio	Lower	Upper
77	100		
182	18.5	15.1	55.1
105	22.2	3.4	43.4
51	26.4	12.0	52.0

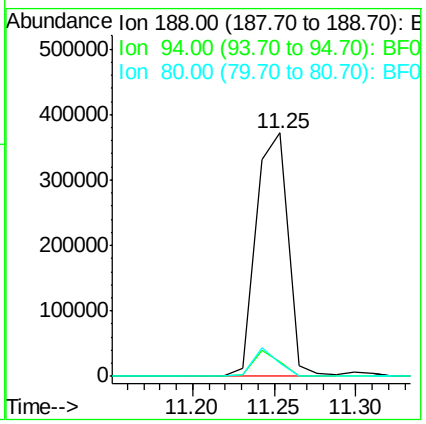




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

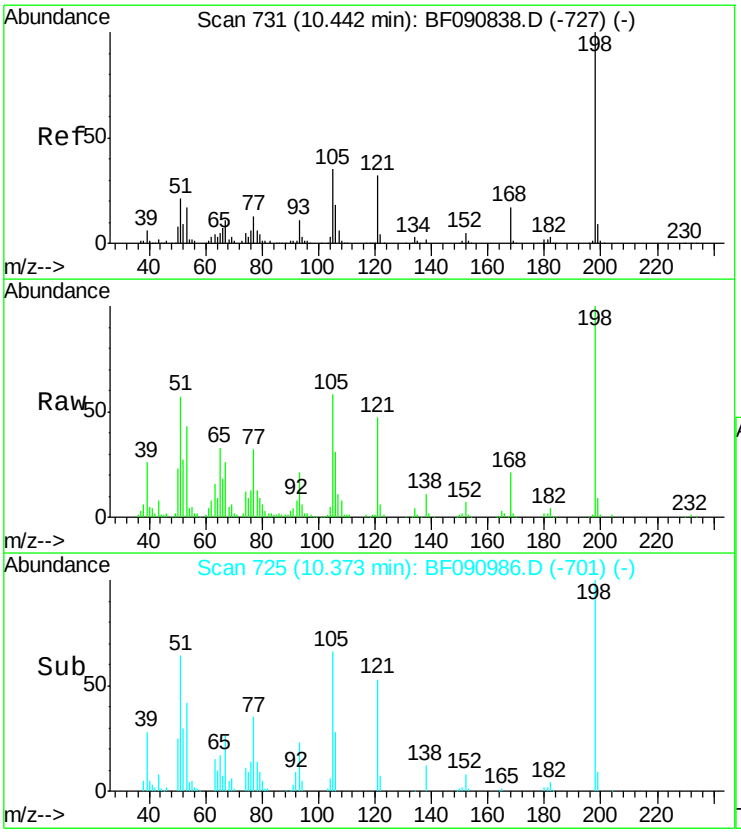
Tgt Ion:188 Resp: 507059

Ion	Ratio	Lower	Upper
188	100		
94	6.0	11.1	16.7#
80	5.7	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

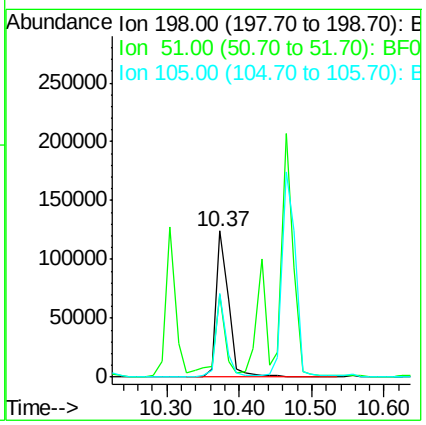
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

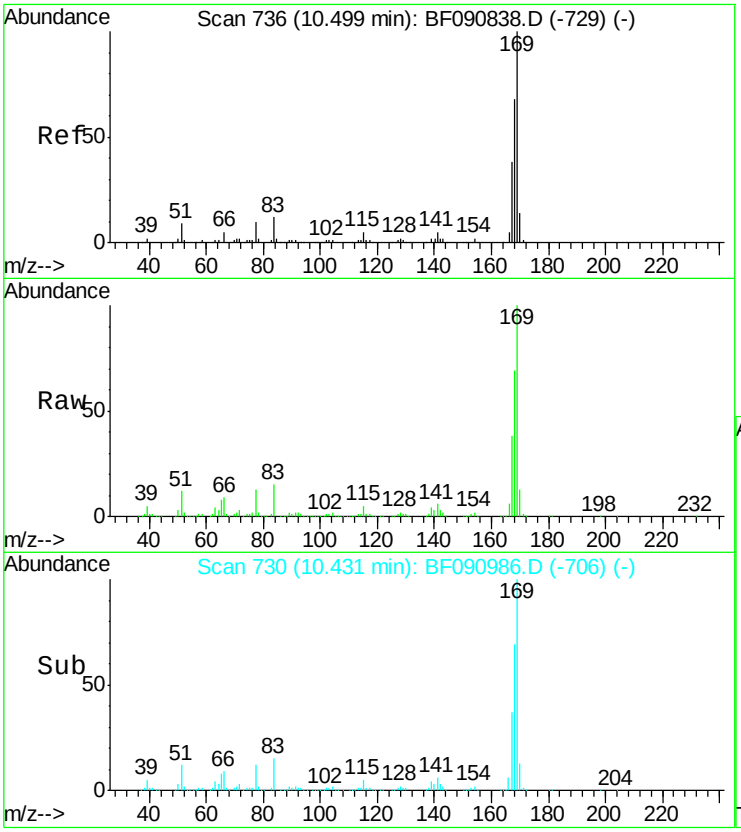


#64
4,6-Dinitro-2-methylphenol
Concen: 44.24 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:198 Resp: 148724

Ion	Ratio	Lower	Upper
198	100		
51	56.7	39.6	79.6
105	57.6	28.5	68.5

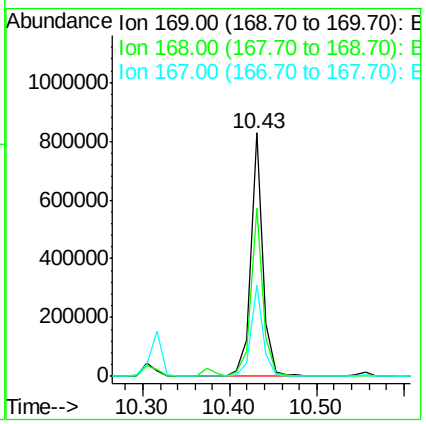




#65
n-Nitrosodiphenylamine
Concen: 52.38 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

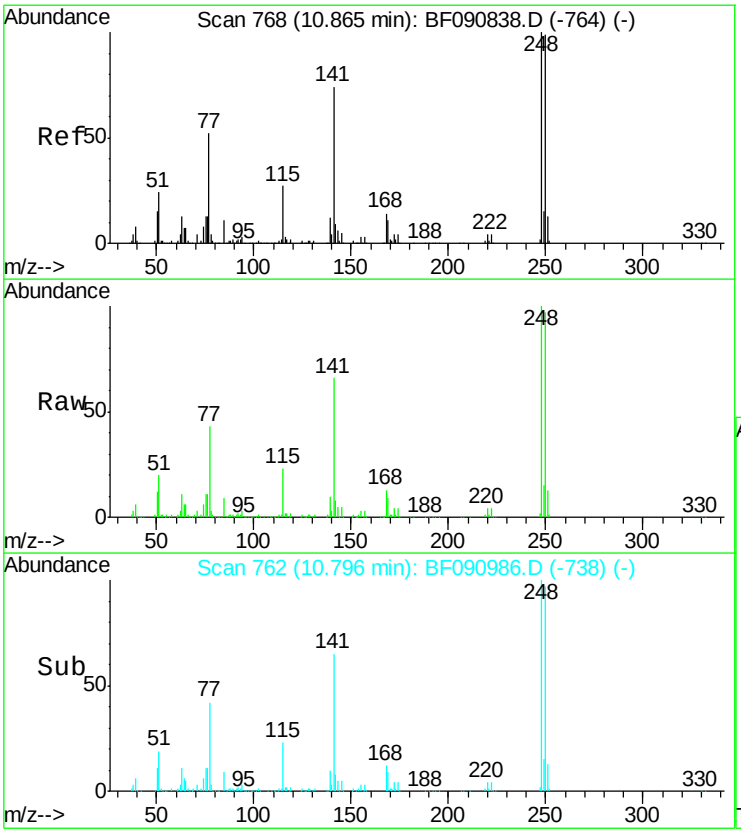
Tgt Ion:169 Resp: 813608

Ion	Ratio	Lower	Upper
169	100		
168	69.0	48.9	73.3
167	37.5	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

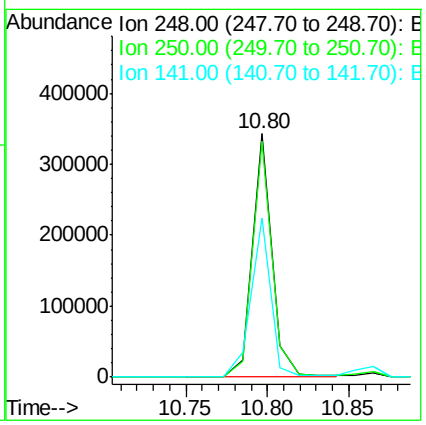
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

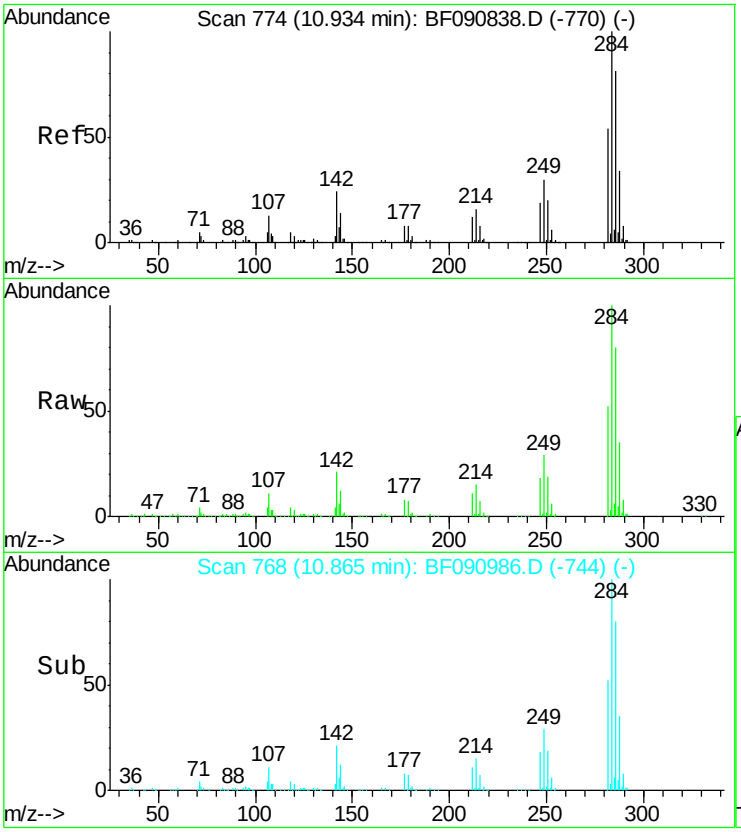


#66
4-Bromophenyl-phenylether
Concen: 51.96 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:248 Resp: 288521

Ion	Ratio	Lower	Upper
248	100		
250	96.7	78.5	117.7
141	65.6	59.0	88.6

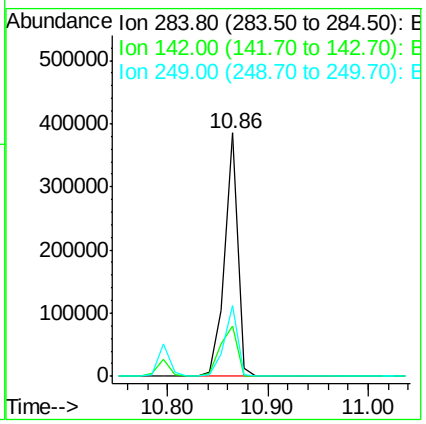




#67
Hexachlorobenzene
Concen: 53.60 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

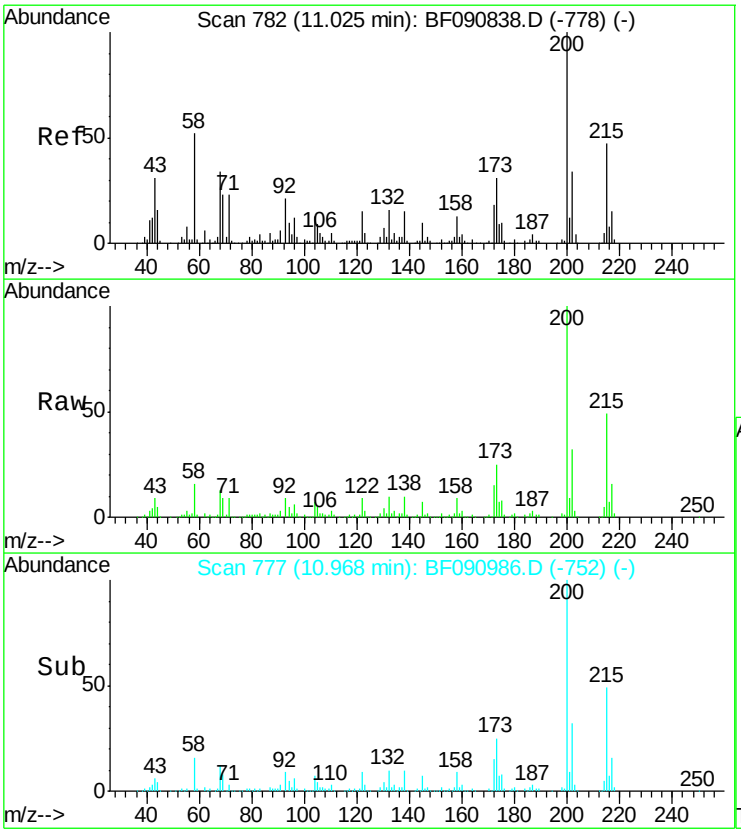
Tgt Ion:284 Resp: 352226

Ion	Ratio	Lower	Upper
284	100		
142	20.8	29.5	44.3#
249	29.0	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

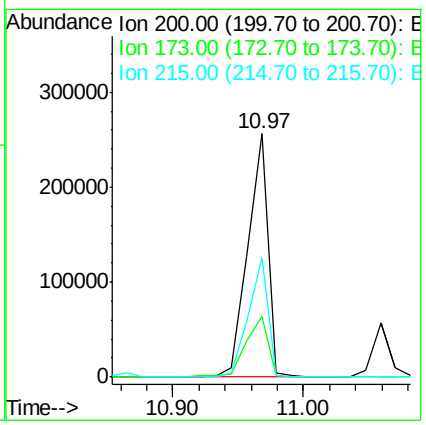
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

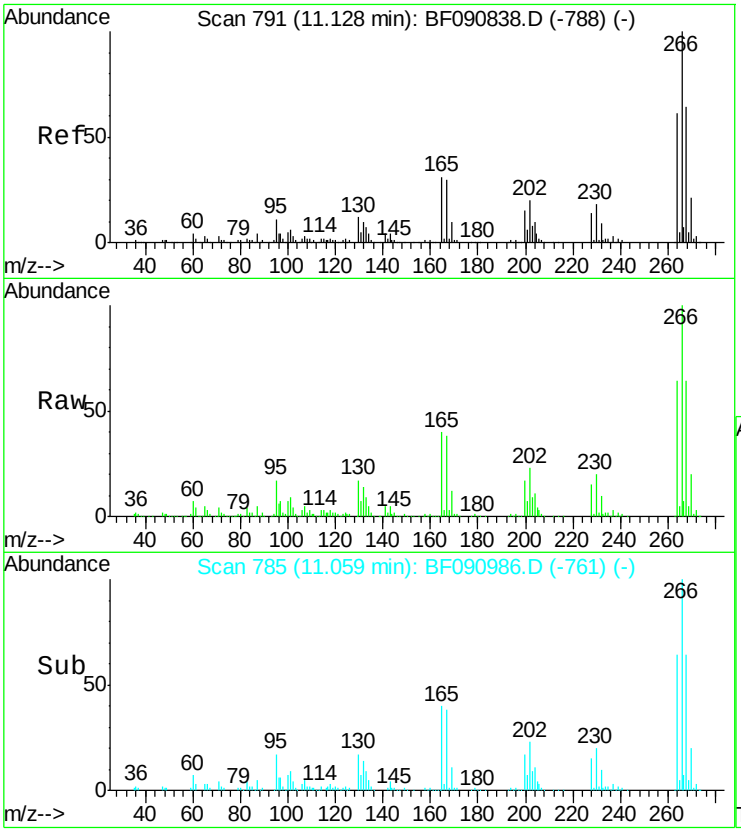


#68
Atrazine
Concen: 57.44 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:200 Resp: 275998

Ion	Ratio	Lower	Upper
200	100		
173	24.9	13.2	53.2
215	49.2	41.8	81.8

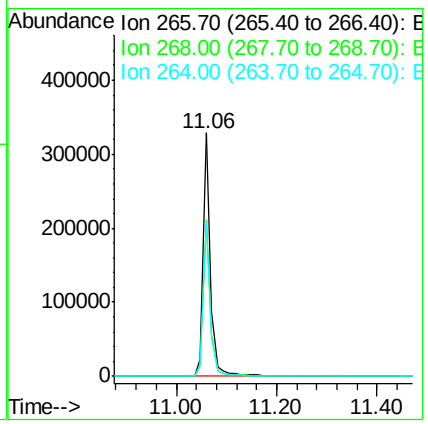




#69
Pentachlorophenol
Concen: 95.10 ng
RT: 11.06 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

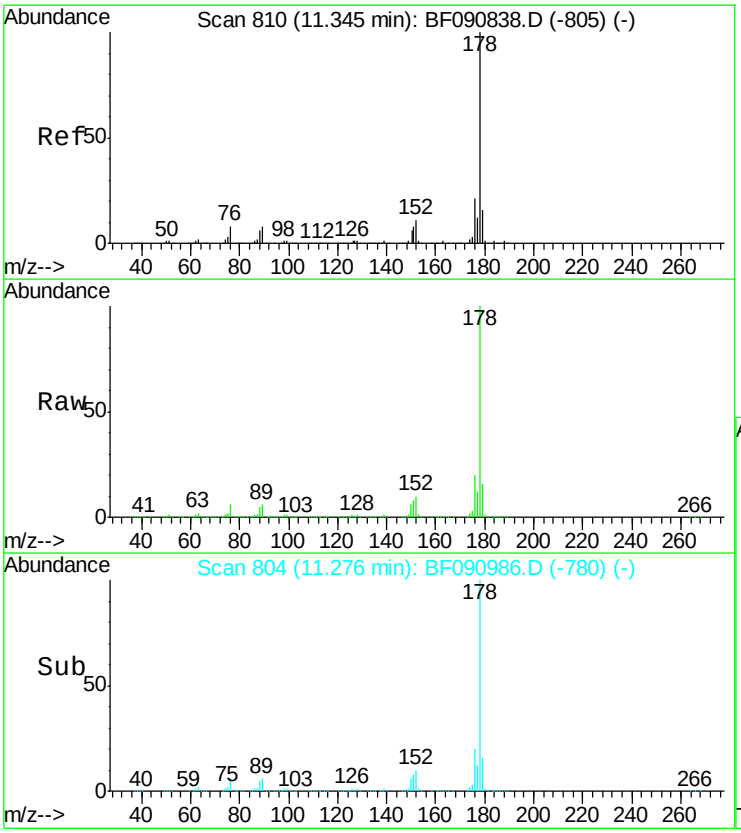
Tgt Ion:266 Resp: 335263

Ion	Ratio	Lower	Upper
266	100		
268	64.1	49.8	74.6
264	64.0	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

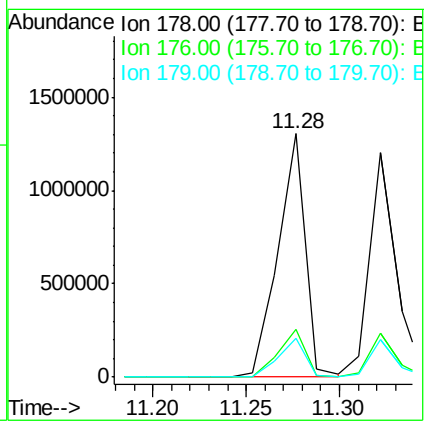
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

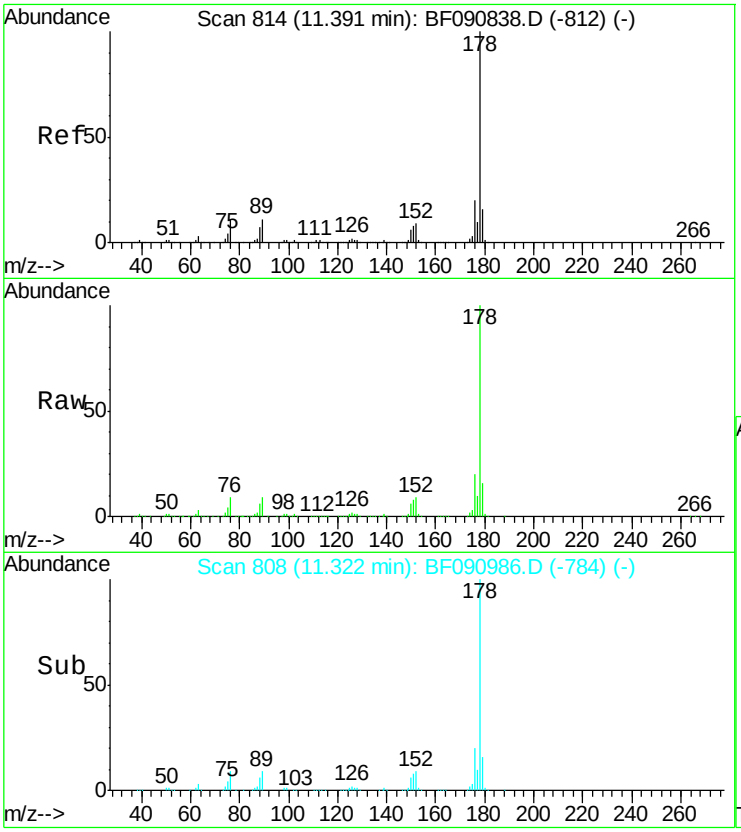


#70
Phenanthrene
Concen: 51.25 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:178 Resp: 1323420

Ion	Ratio	Lower	Upper
178	100		
176	19.8	13.8	20.8
179	16.0	12.2	18.2

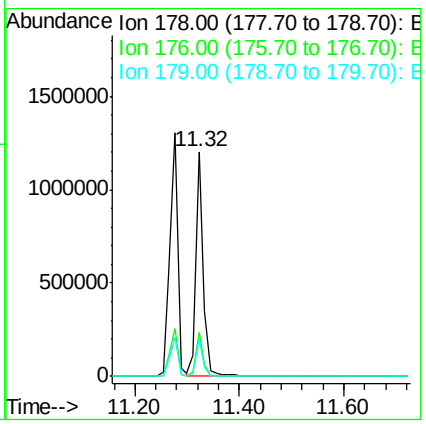




#71
Anthracene
Concen: 44.22 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

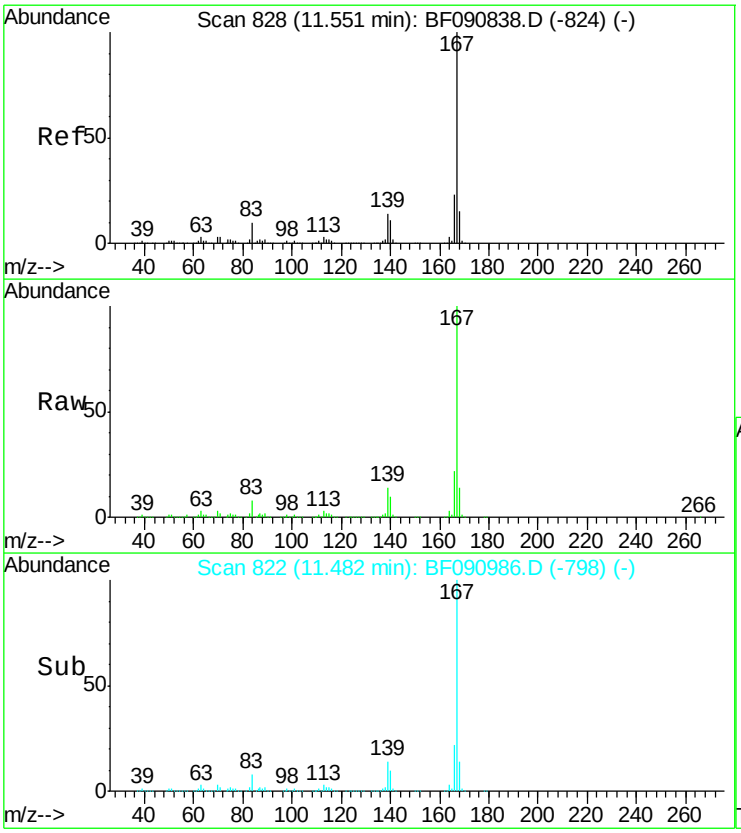
Tgt Ion:178 Resp: 1202308

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.1	21.1
179	16.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

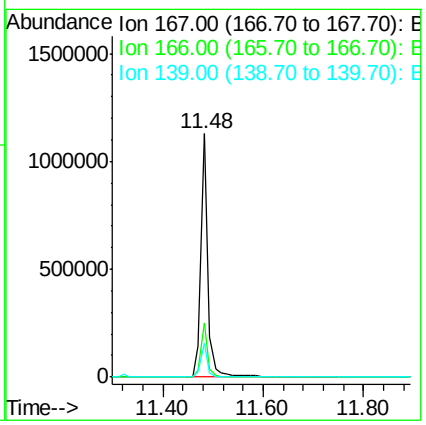
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

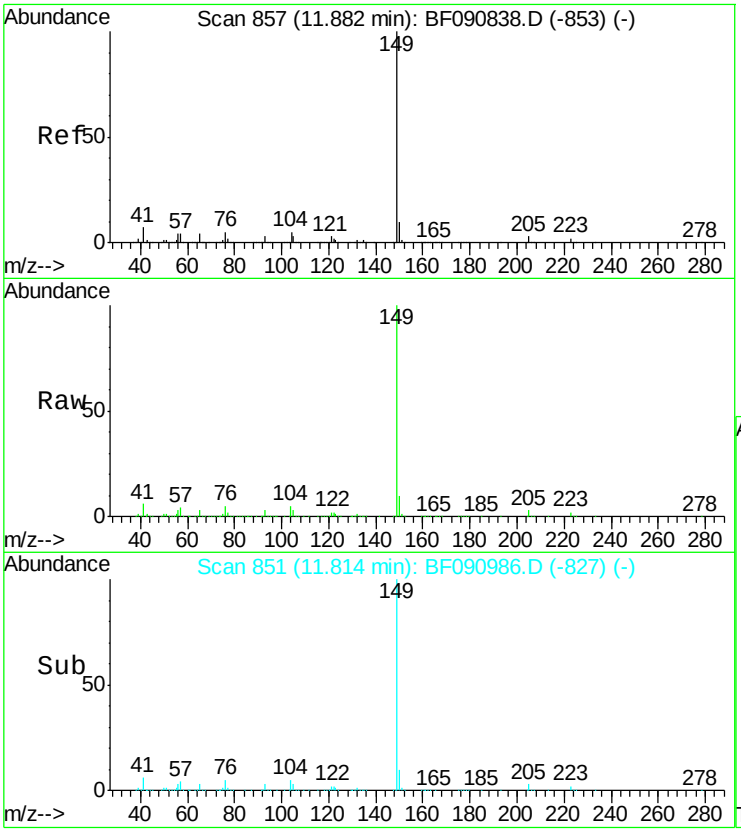


#72
Carbazole
Concen: 45.97 ng
RT: 11.48 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:167 Resp: 1103696

Ion	Ratio	Lower	Upper
167	100		
166	22.4	15.7	23.5
139	13.6	9.5	14.3

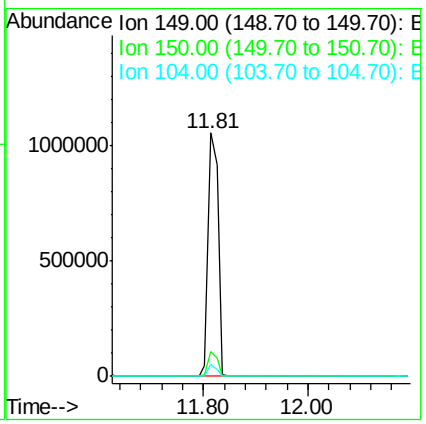




#73
Di-n-butylphthalate
Concen: 45.46 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

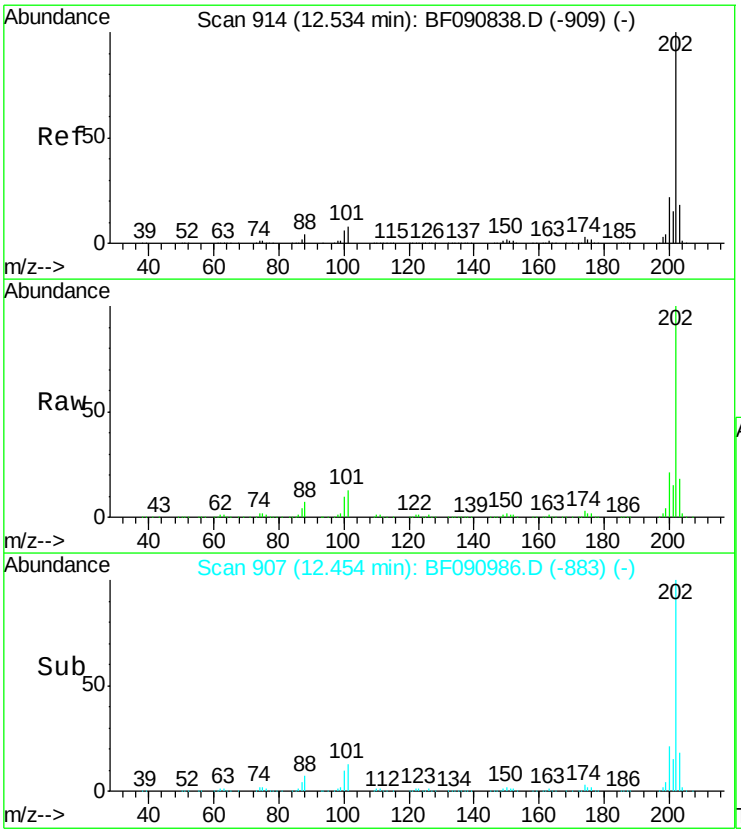
Tgt Ion:149 Resp: 1407062

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	5.0	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

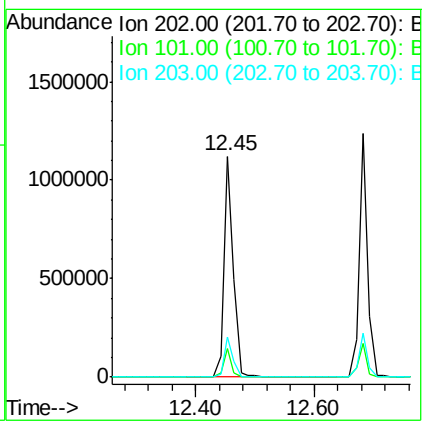
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

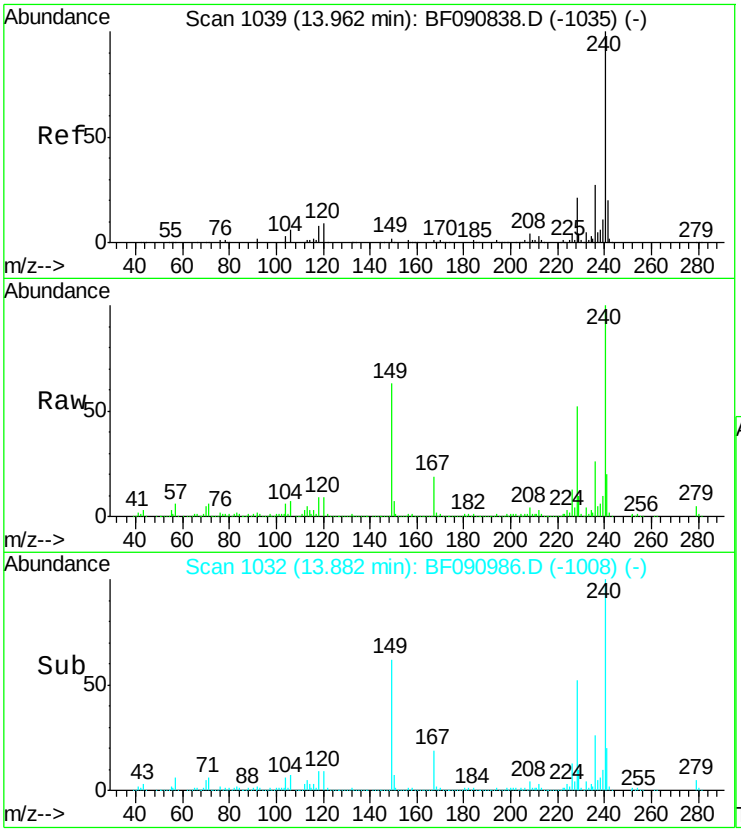


#74
Fluoranthene
Concen: 43.30 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:202 Resp: 1224391

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	38.3
203	18.3	0.0	37.3

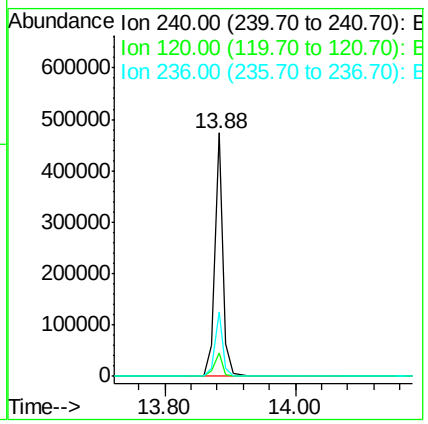




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

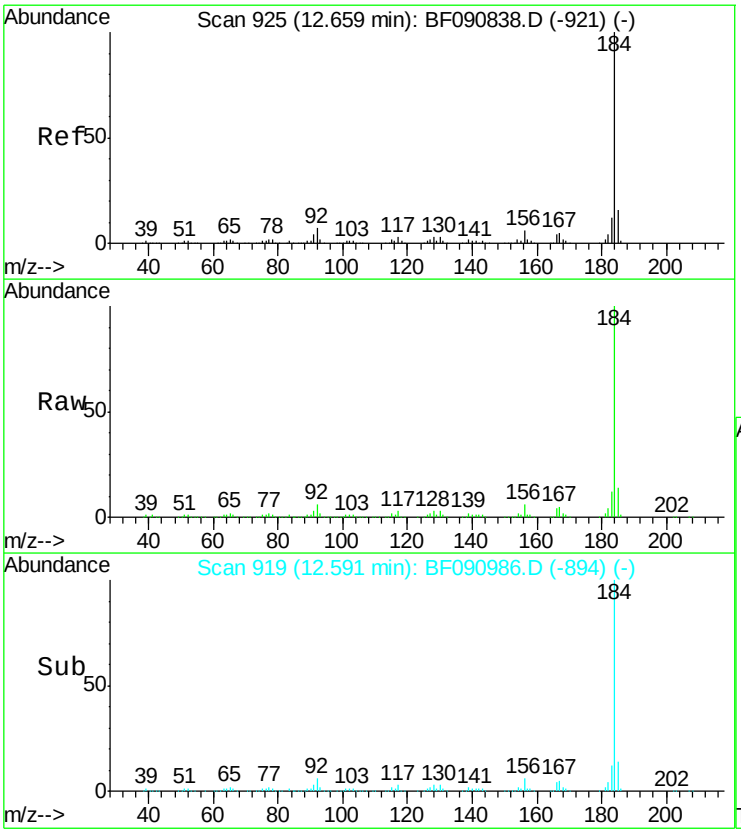
Tgt Ion:240 Resp: 422849

Ion	Ratio	Lower	Upper
240	100		
120	9.5	16.2	24.2#
236	26.4	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

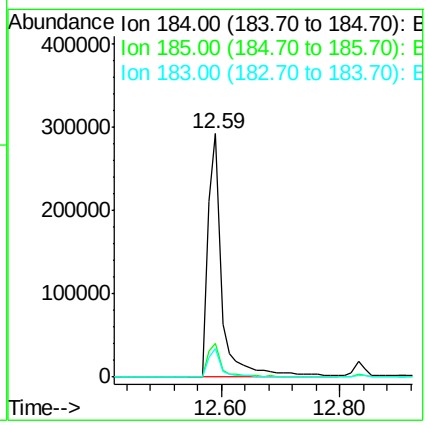
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

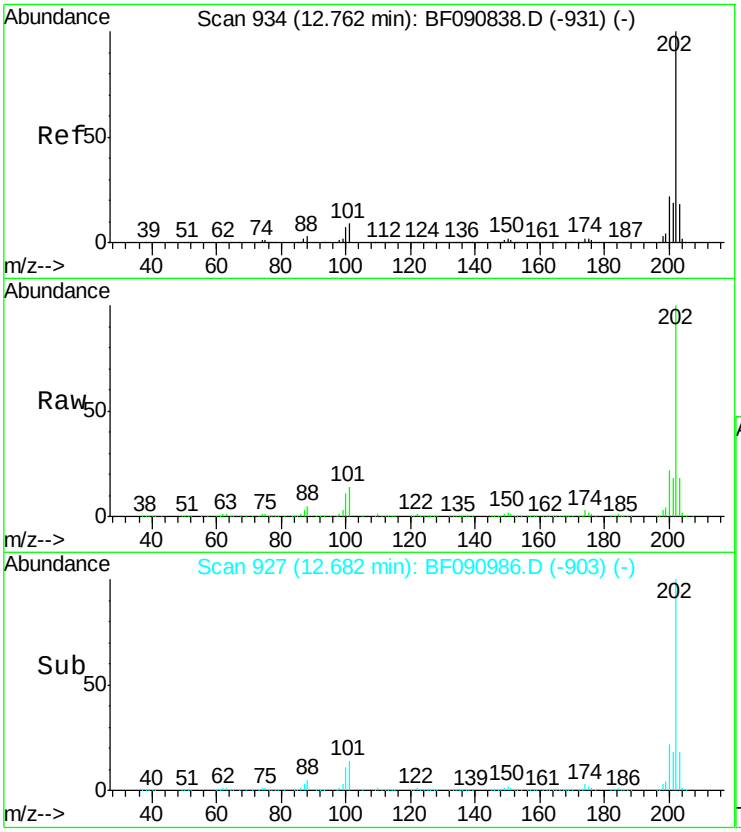


#76
Benzidine
Concen: 51.61 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:184 Resp: 476504

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.6
183	11.9	7.6	11.4#

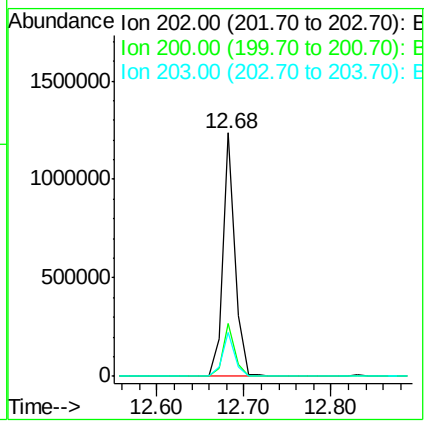




#77
Pyrene
Concen: 45.05 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

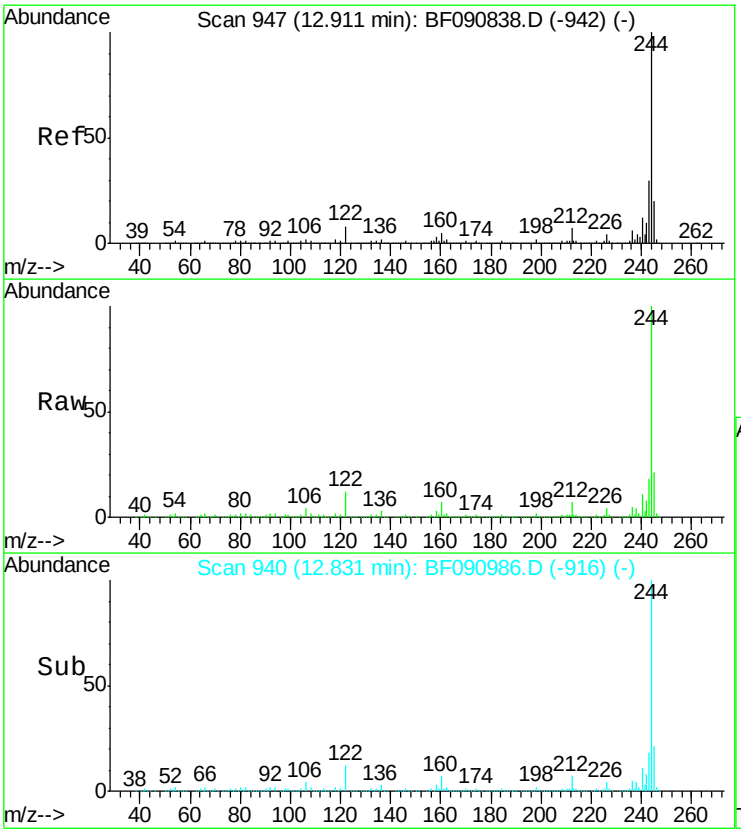
Tgt Ion:202 Resp: 1205530

Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.0	22.4
203	18.2	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

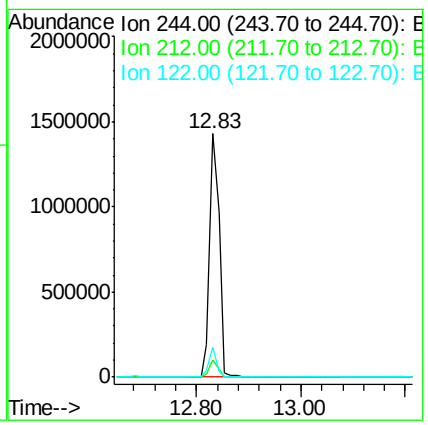
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

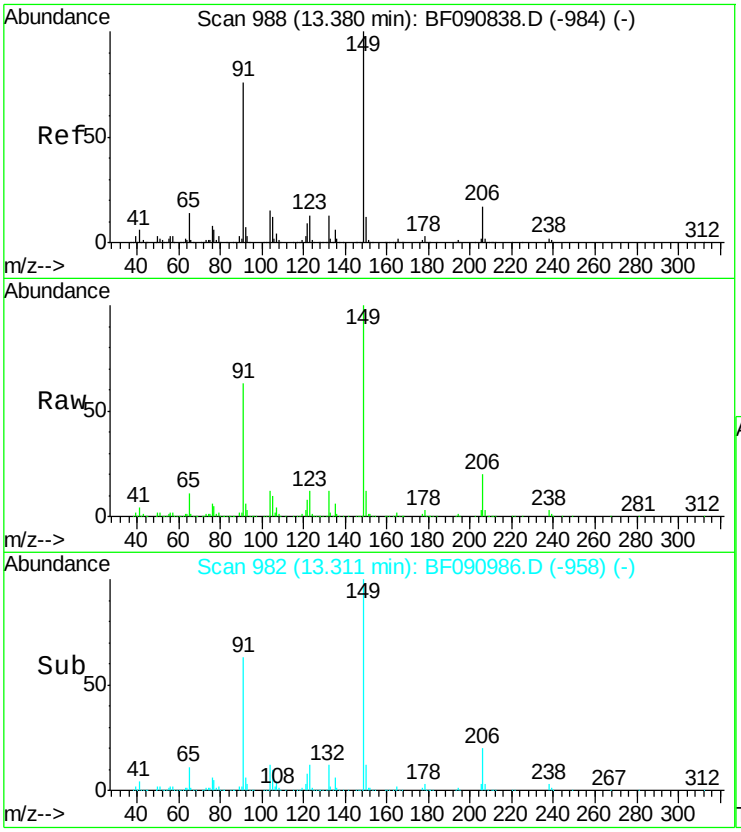


#78
Terphenyl-d14
Concen: 108.68 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:244 Resp: 1824128

Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.3	6.5#
122	12.3	17.4	26.2#

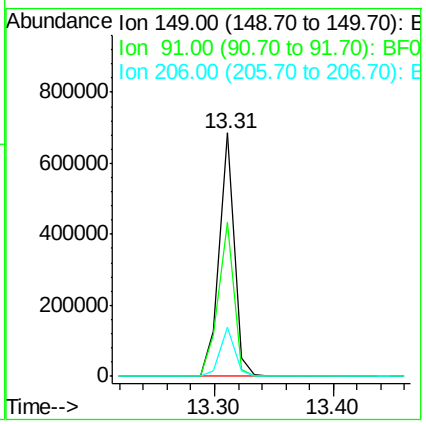




#79
Butylbenzylphthalate
Concen: 49.34 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

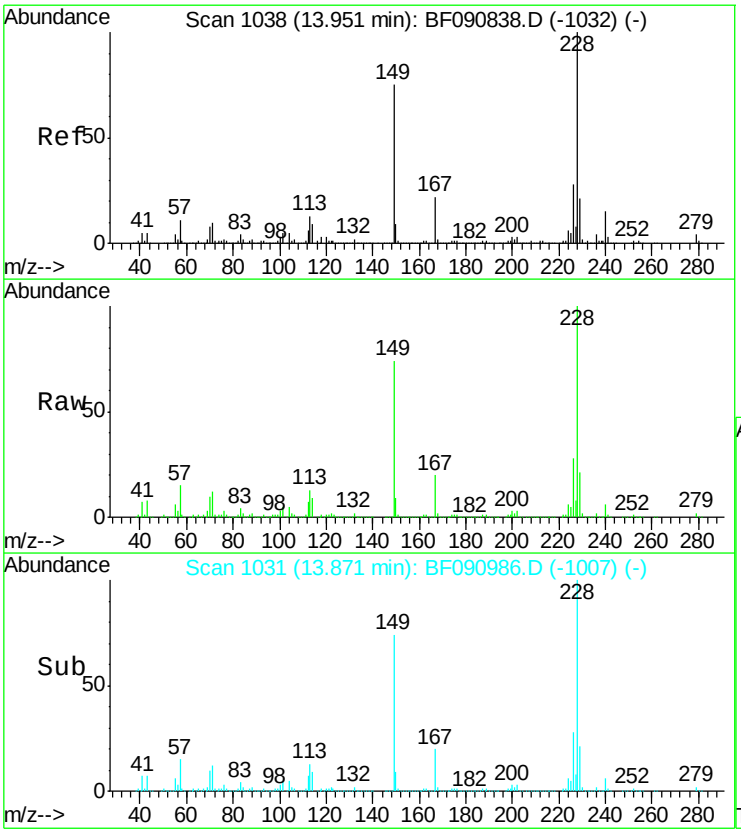
Tgt Ion:149 Resp: 599066

Ion	Ratio	Lower	Upper
149	100		
91	63.1	48.6	72.8
206	20.1	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

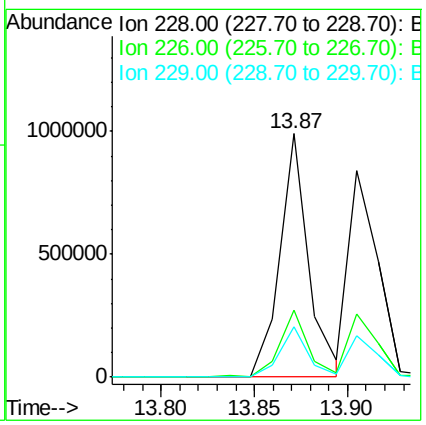
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

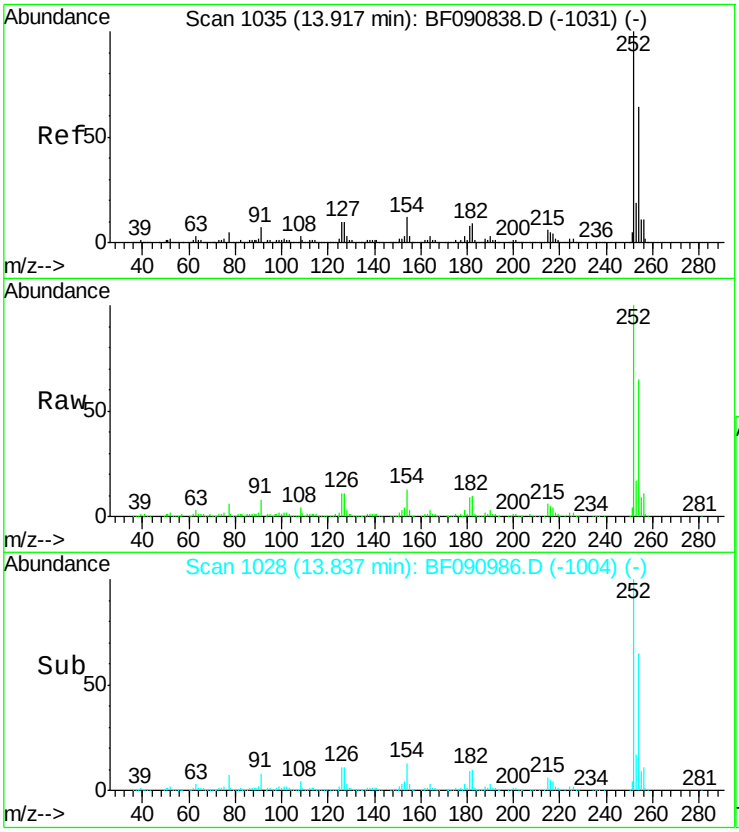


#80
Benzo(a)anthracene
Concen: 47.23 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:228 Resp: 1060005

Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	20.7	15.4	23.2

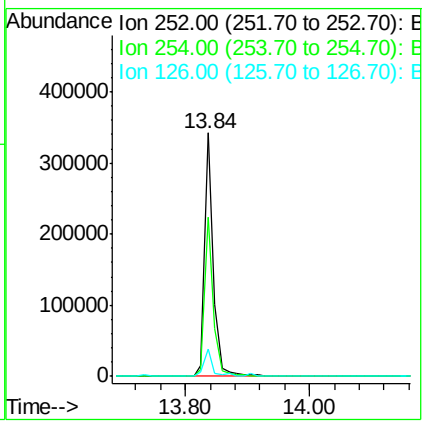




#81
3,3'-Dichlorobenzidine
Concen: 39.00 ng
RT: 13.84 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

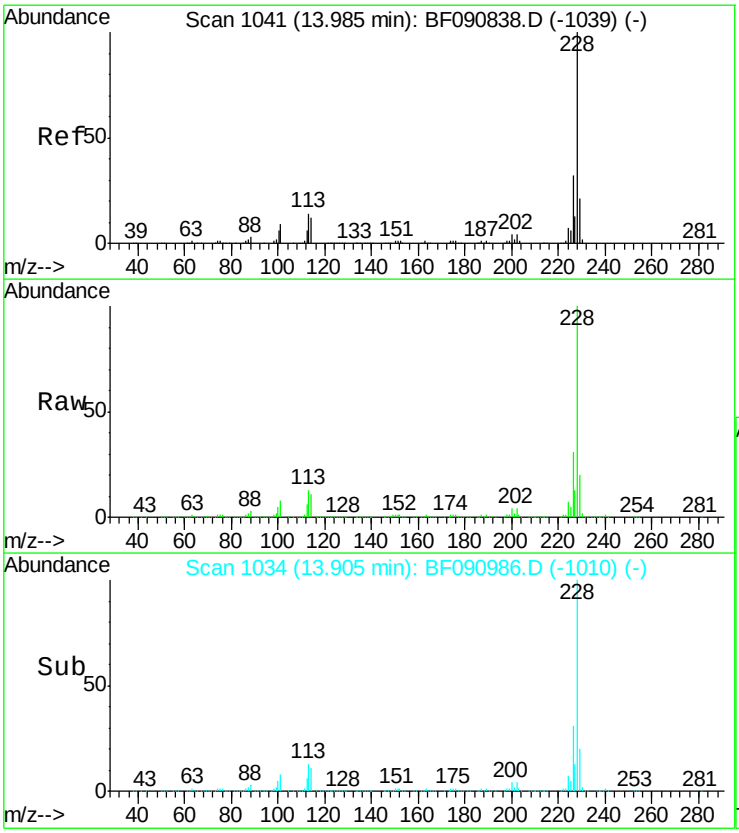
Tgt Ion:252 Resp: 339742

Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.2
126	11.4	16.4	24.6#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

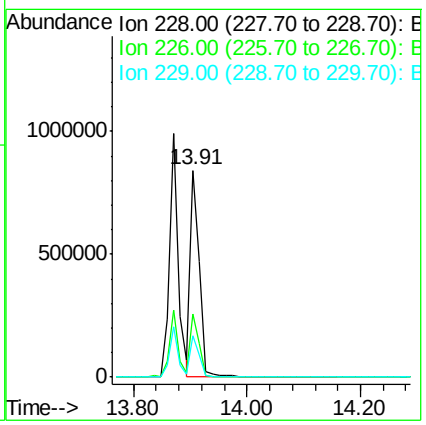
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

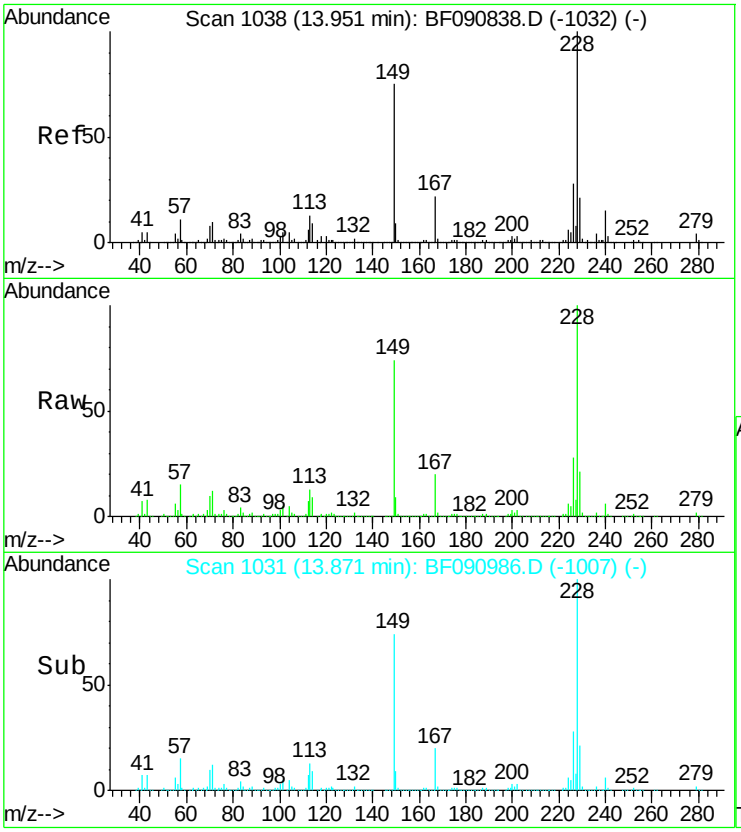


#82
Chrysene
Concen: 41.80 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:228 Resp: 948874

Ion	Ratio	Lower	Upper
228	100		
226	30.7	21.0	31.4
229	20.3	15.6	23.4





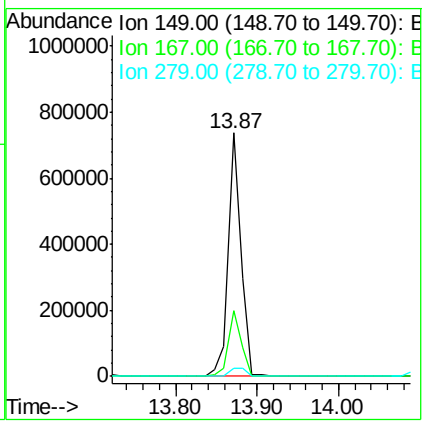
#83
Bis(2-ethylhexyl)phthalate
Concen: 50.09 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

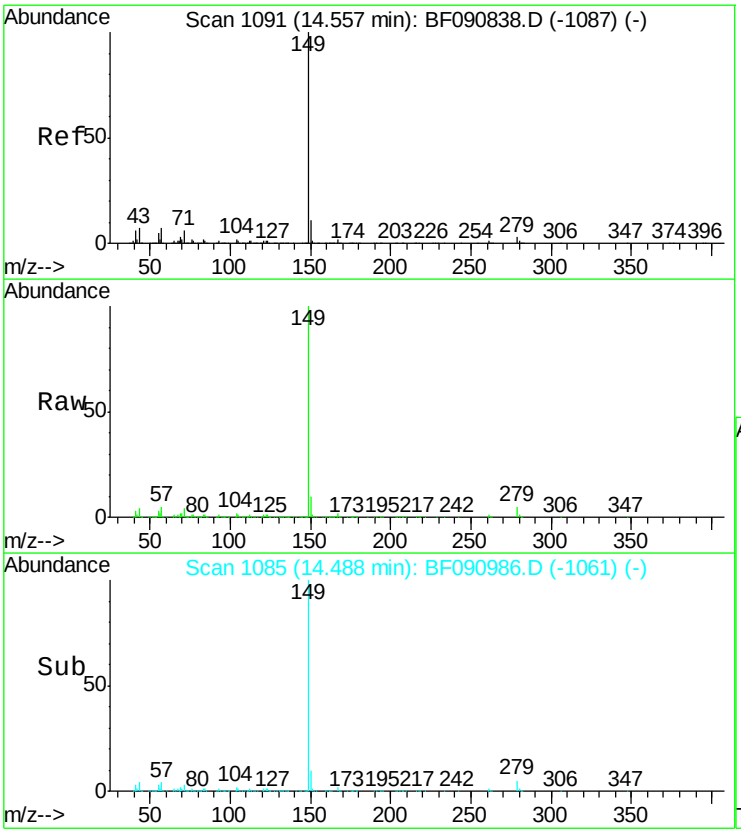
Tgt Ion:149 Resp: 791958

Ion	Ratio	Lower	Upper
149	100		
167	26.9	24.2	36.2
279	3.3	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

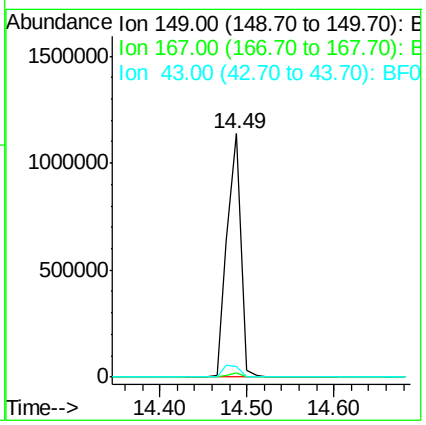


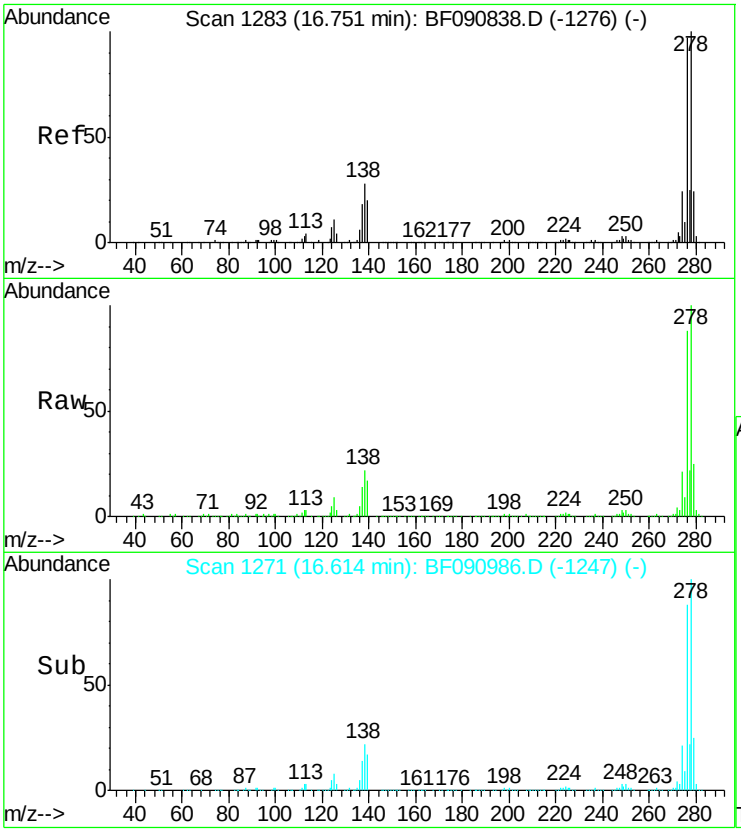


#84
Di-n-octyl phthalate
Concen: 47.19 ng
RT: 14.49 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:149 Resp: 1252961

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.0	1.6#
43	6.1	10.2	15.2#





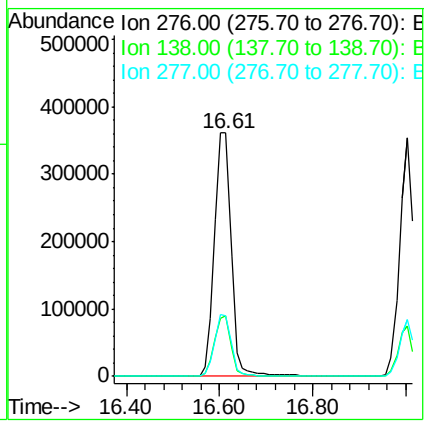
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.17 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

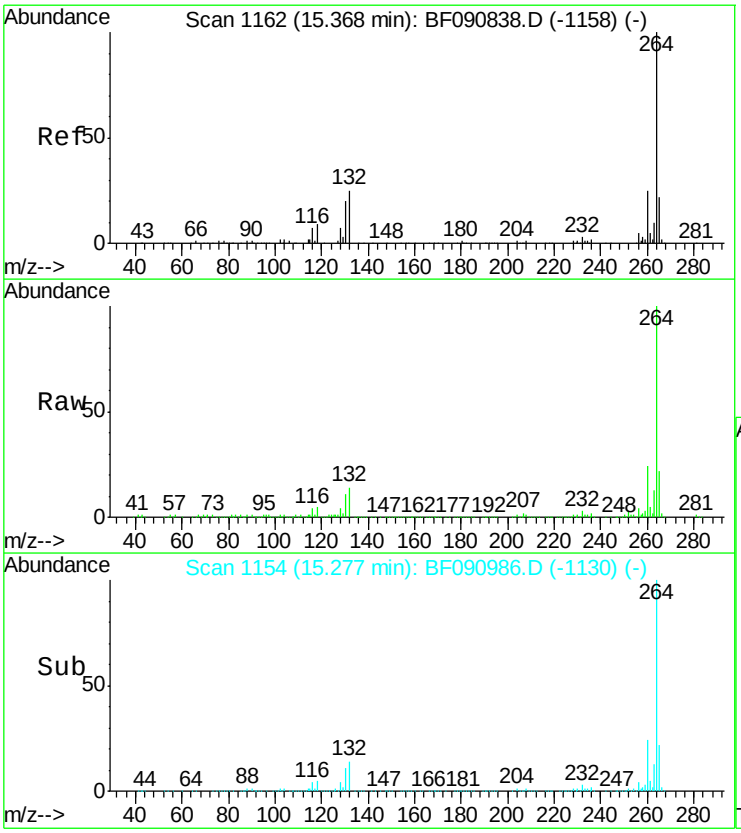
Tgt Ion:276 Resp: 908649

Ion	Ratio	Lower	Upper
276	100		
138	24.8	25.7	38.5#
277	25.3	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

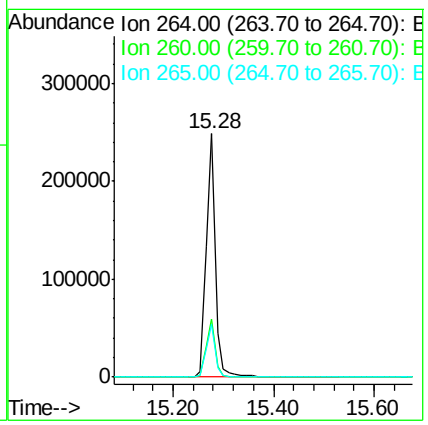


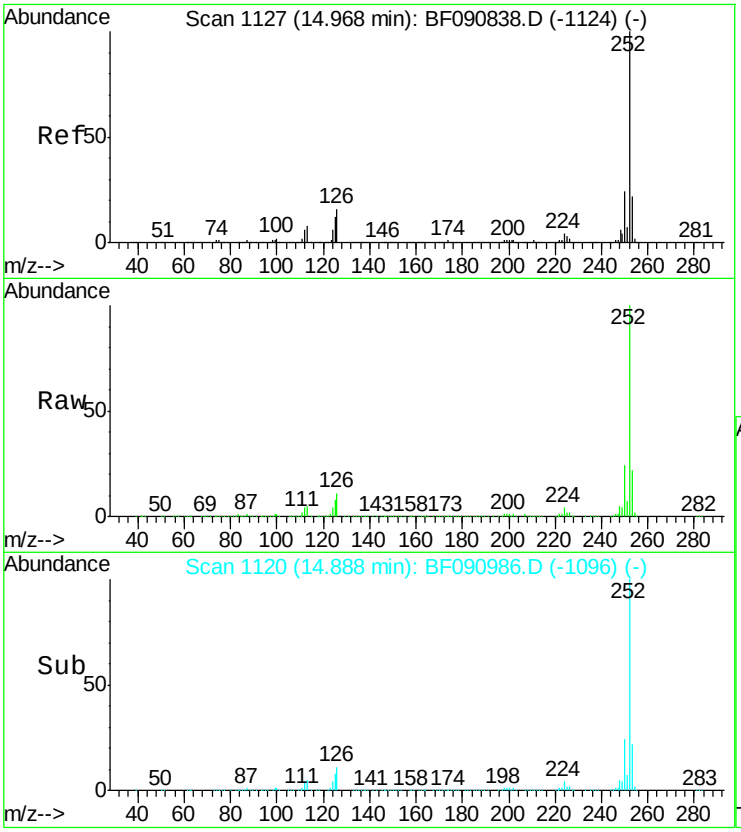


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:264 Resp: 315277

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.6	17.2	25.8

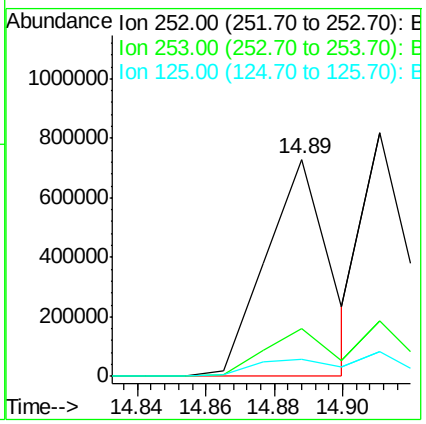




#87
Benzo(b)fluoranthene
Concen: 44.01 ng m
RT: 14.89 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

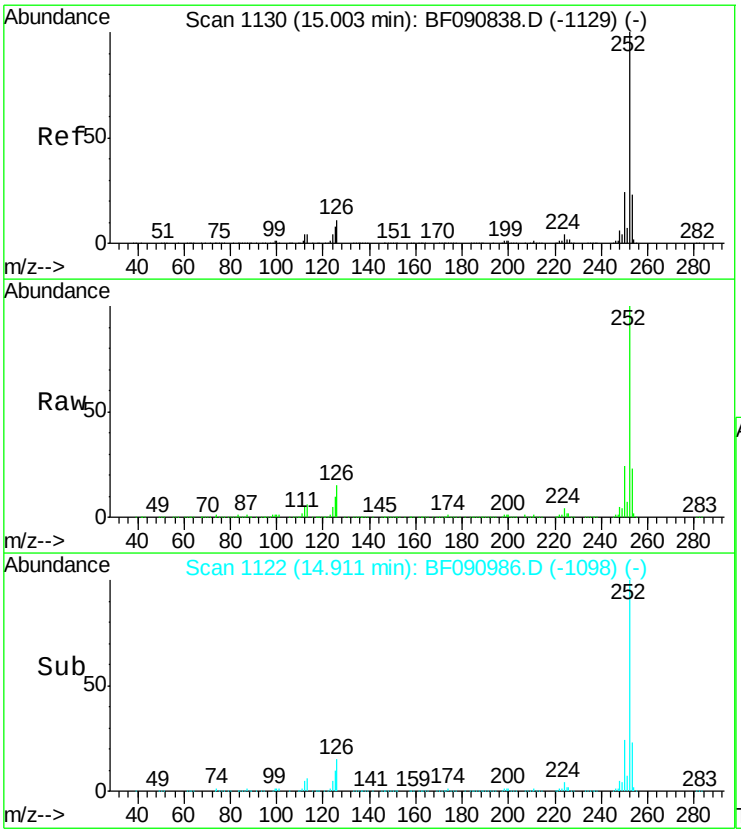
Tgt Ion:252 Resp: 933075

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	8.1	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

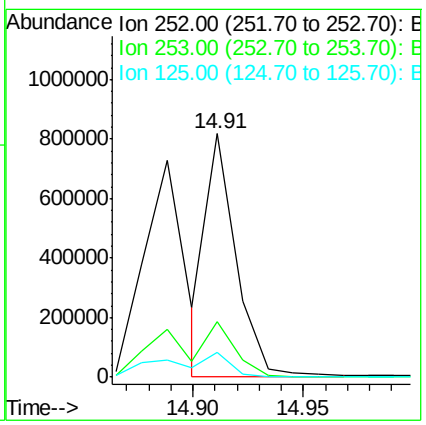
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

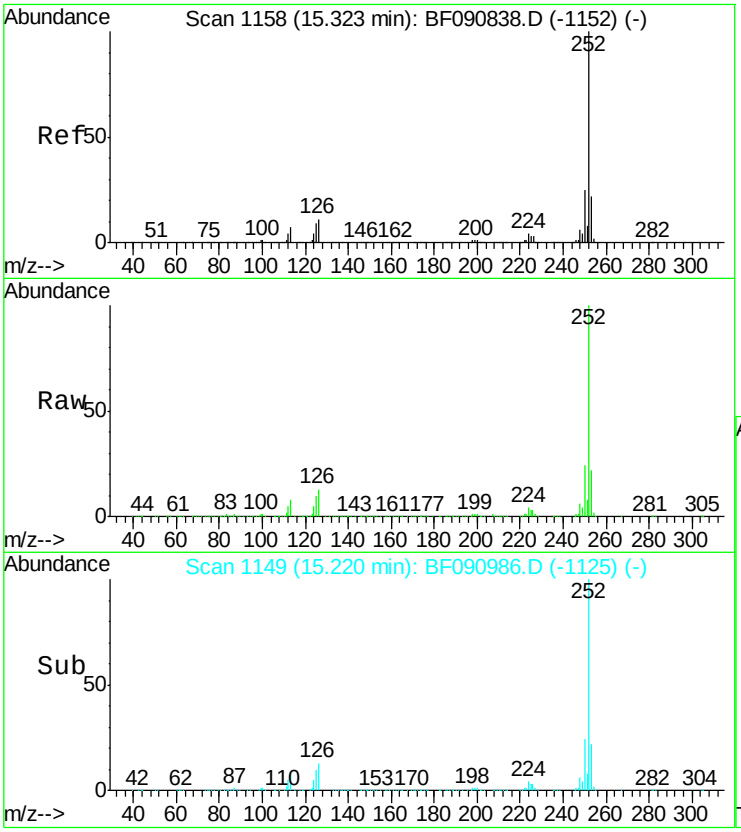


#88
Benzo(k)fluoranthene
Concen: 46.14 ng m
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:252 Resp: 773017

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	10.4	16.0	24.0#

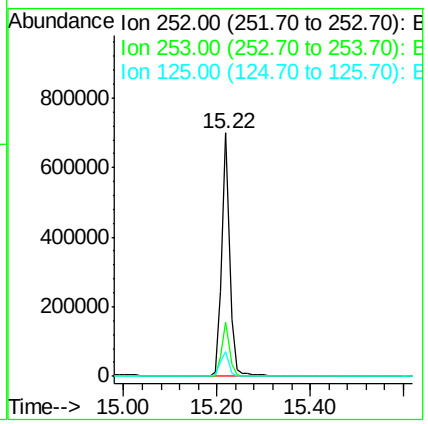




#89
Benzo(a)pyrene
Concen: 44.15 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

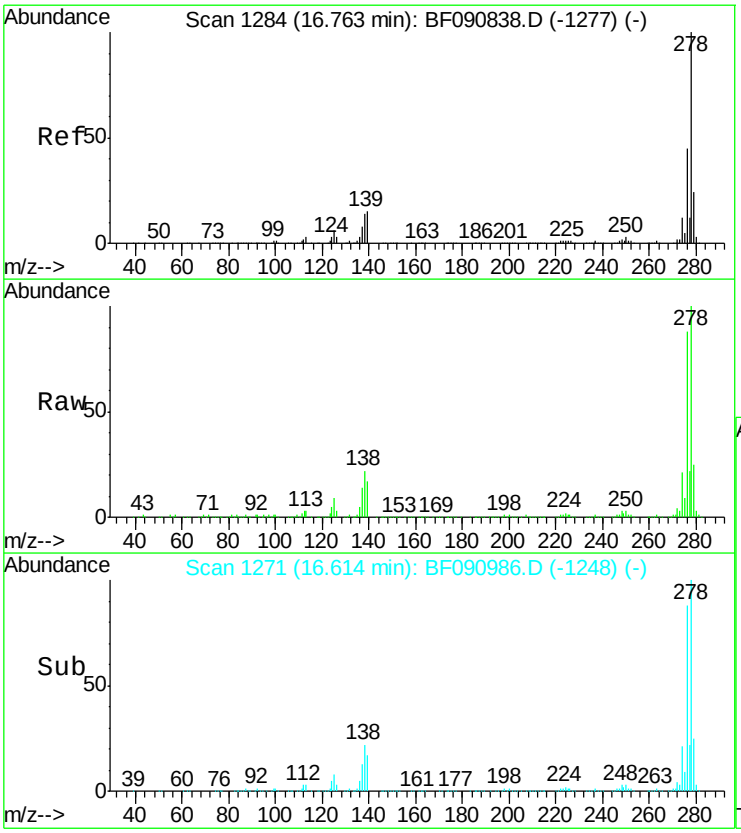
Tgt Ion:252 Resp: 804222

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.1	18.0	27.0#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

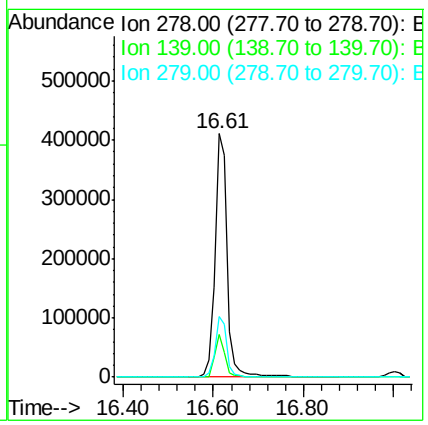
Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM

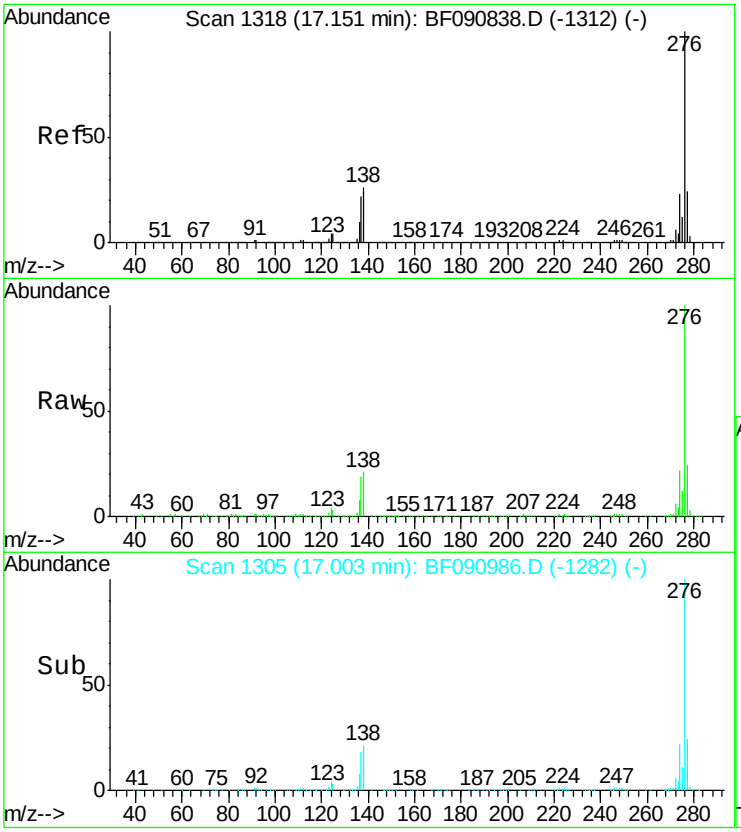


#90
Dibenzo(a,h)anthracene
Concen: 49.95 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:278 Resp: 770223

Ion	Ratio	Lower	Upper
278	100		
139	17.3	26.3	39.5#
279	24.8	18.2	27.4

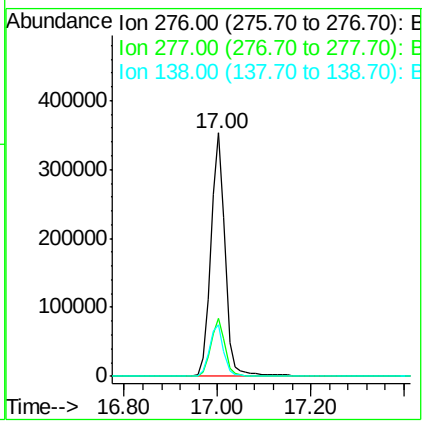




#91
Benzo(g,h,i)perylene
Concen: 51.17 ng
RT: 17.00 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF090986.D
Acq: 2 Nov 2016 18:13

Tgt Ion:276 Resp: 743125

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	21.2	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0MS

Manual Integrations APPROVED
Umangi
11/3/2016 7:12:53 PM