Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084325.D
Acq On : 8 Jan 2016 8:36
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

Quant Time: Jan 08 09:25:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	331559	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	1334817	20.00	ng		-0.03
38) Acenaphthene-d10	9.92	164	641796	20.00	ng		-0.03
63) Phenanthrene-d10	11.39	188	1116808	20.00	ng		-0.03
75) Chrysene-d12	14.03	240	768121	20.00	ng		-0.03
86) Perylene-d12	15.46	264	708819	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1489343	72.66	ng		-0.02
7) Phenol-d6	6.52	99	2098321	81.51	ng		-0.01
23) Nitrobenzene-d5	7.45	82	2017135	84.10	ng		-0.02
41) 2,4,6-Tribromophenol	10.70	330	464119	71.63	ng		-0.03
44) 2-Fluorobiphenyl	9.24	172	3016027	82.48	ng		-0.02
78) Terphenyl-d14	12.98	244	2742794	79.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	388384	40.00	ng	#	75
3) Pyridine	3.17	79	1149915	42.47	ng	#	74
4) n-Nitrosodimethylamine	3.14	42	567460	40.83	ng	#	78
6) Aniline	6.53	93	1372522	36.44	ng	#	46
8) 2-Chlorophenol	6.66	128	948052	40.76	ng		93
9) Benzaldehyde	6.42	77	658529	39.28	ng		98
10) Phenol	6.53	94	1251267	42.75	ng		78
11) bis(2-Chloroethyl)ether	6.61	93	968064	42.69	ng		85
12) 1,3-Dichlorobenzene	6.81	146	922958m	38.47	ng		
13) 1,4-Dichlorobenzene	6.89	146	972568	40.43	ng		97
14) 1,2-Dichlorobenzene	7.05	146	882997	38.32	ng		95
15) Benzyl Alcohol	7.02	79	861290	39.77	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1524865	36.93	ng		86
17) 2-Methylphenol	7.14	107	781962	40.12	ng		95
18) Hexachloroethane	7.38	117	383058	39.82	ng	#	87
19) n-Nitroso-di-n-propylamine	7.30	70	694317	39.84	ng	#	75
20) 3+4-Methylphenols	7.30	107	918115	40.07	ng	#	85
22) Acetophenone	7.29	105	1239837	38.63	ng	#	91
24) Nitrobenzene	7.46	77	910917	37.45	ng		94
25) Isophorone	7.70	82	1790877	39.04	ng		98
26) 2-Nitrophenol	7.78	139	540016	48.78	ng		96
27) 2,4-Dimethylphenol	7.82	122	942519	42.06	ng		91
28) bis(2-Chloroethoxy)methane	7.92	93	1203164	42.94	ng		98
29) 2,4-Dichlorophenol	8.02	162	704077	37.72	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	772212	40.07	ng		96
31) Naphthalene	8.18	128	2279356	37.64	ng		98
32) Benzoic acid	7.95	122	488567	35.73	ng		94
33) 4-Chloroaniline	8.24	127	1236856	44.55	ng		96
34) Hexachlorobutadiene	8.30	225	455075	41.08	ng		97
35) Caprolactam	8.61	113	264162	41.98	ng	#	43
36) 4-Chloro-3-methylphenol	8.72	107	810022	38.74	ng		91
37) 2-Methylnaphthalene	8.88	142	1711816	39.38	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	719111	38.97	ng		98
40) Hexachlorocyclopentadiene	9.02	237	370064	33.23	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084325.D
Acq On : 8 Jan 2016 8:36
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

Quant Time: Jan 08 09:25:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	488693	35.40	ng		96
43) 2,4,5-Trichlorophenol	9.20	196	542167	40.97	ng		93
45) 1,1'-Biphenyl	9.33	154	1812433	35.53	ng		99
46) 2-Chloronaphthalene	9.36	162	1413764	35.29	ng		98
47) 2-Nitroaniline	9.46	65	555577	42.01	ng		95
48) Acenaphthylene	9.78	152	2344974	39.62	ng		96
49) Dimethylphthalate	9.64	163	1628920	35.50	ng	#	89
50) 2,6-Dinitrotoluene	9.70	165	356786	35.45	ng	#	43
51) Acenaphthene	9.95	154	1611735	40.59	ng		97
52) 3-Nitroaniline	9.87	138	433225	34.74	ng		98
53) 2,4-Dinitrophenol	9.97	184	146337	36.18	ng		91
54) Dibenzofuran	10.12	168	2090384	40.34	ng		95
55) 4-Nitrophenol	10.04	139	365375	40.37	ng	#	83
56) 2,4-Dinitrotoluene	10.10	165	529858	41.60	ng	#	81
57) Fluorene	10.46	166	1637549	40.97	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	399092	35.32	ng		93
59) Diethylphthalate	10.34	149	1629348	36.02	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	682279	39.74	ng		95
61) 4-Nitroaniline	10.49	138	432574	38.92	ng		94
62) Azobenzene	10.61	77	1851418	37.31	ng		90
64) 4,6-Dinitro-2-methylphenol	10.51	198	215704	31.96	ng	#	79
65) n-Nitrosodiphenylamine	10.58	169	1499562	42.00	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	486911	40.51	ng	#	87
67) Hexachlorobenzene	11.00	284	513490	37.95	ng	#	73
68) Atrazine	11.10	200	436582	37.36	ng		98
69) Pentachlorophenol	11.21	266	253125	36.08	ng		97
70) Phenanthrene	11.43	178	2420097	41.43	ng		95
71) Anthracene	11.47	178	2086489	36.44	ng		97
72) Carbazole	11.63	167	2023110	36.14	ng		97
73) Di-n-butylphthalate	11.96	149	2422081	39.39	ng	#	95
74) Fluoranthene	12.61	202	2470210	40.48	ng		93
76) Benzidine	12.73	184	1065873	38.70	ng		99
77) Pyrene	12.84	202	2451564	40.67	ng		99
79) Butylbenzylphthalate	13.46	149	1125645	43.16	ng		92
80) Benzo(a)anthracene	14.02	228	1752391	38.85	ng		98
81) 3,3'-Dichlorobenzidine	14.00	252	737048	46.82	ng		96
82) Chrysene	14.07	228	1821690	42.03	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	1432003	43.46	ng	#	96
84) Di-n-octyl phthalate	14.63	149	2422824	43.55	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.88	276	1760060	51.23	ng		100
87) Benzo(b)fluoranthene	15.05	252	1916619m	41.34	ng		
88) Benzo(k)fluoranthene	15.08	252	1227415m	32.37	ng		
89) Benzo(a)pyrene	15.40	252	1539693	39.15	ng	#	95
90) Dibenzo(a,h)anthracene	16.89	278	1432207	42.32	ng		99
91) Benzo(g,h,i)perylene	17.30	276	1493158	42.61	ng		98

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

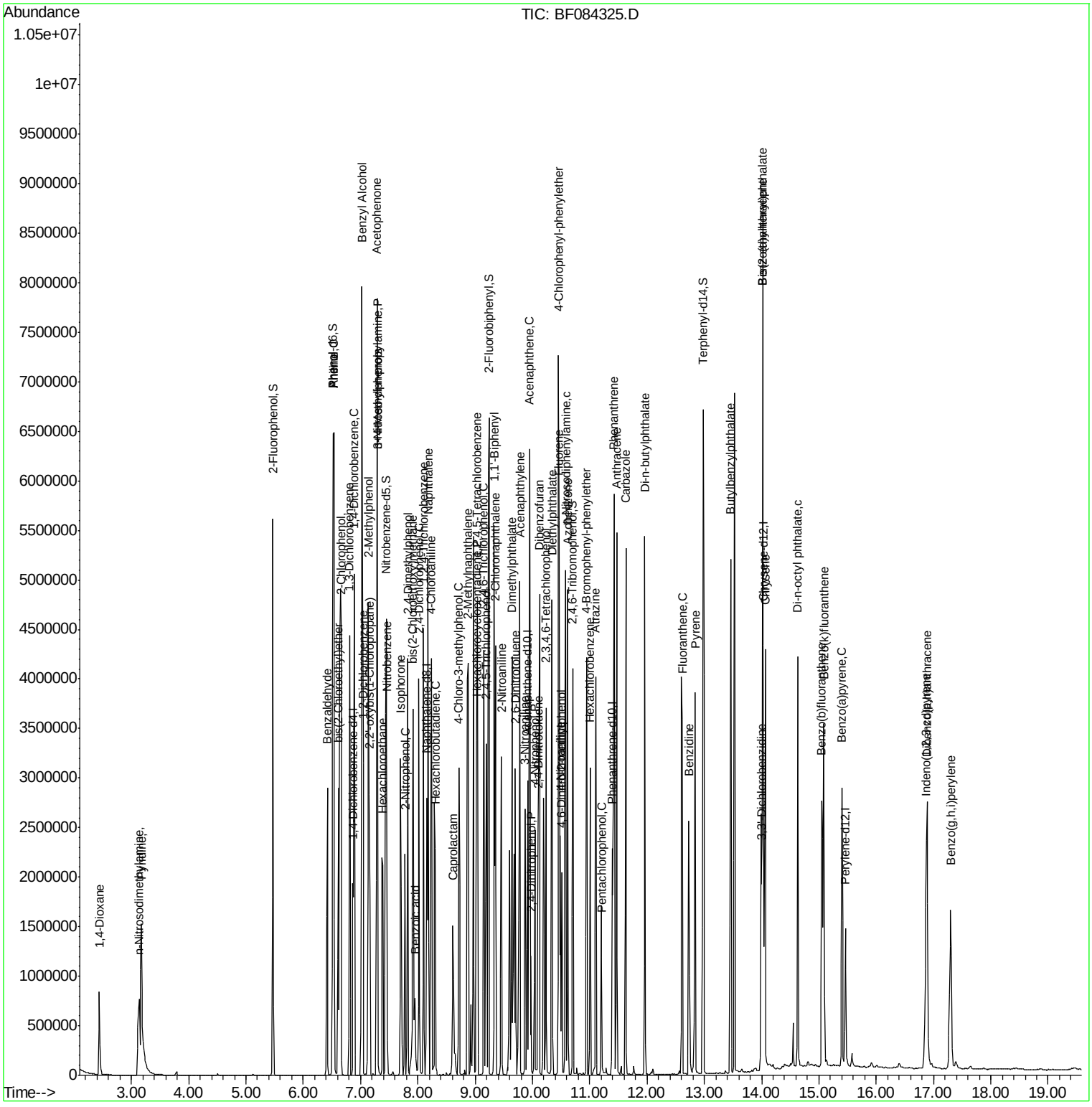
Quantitation Report (QT Reviewed)

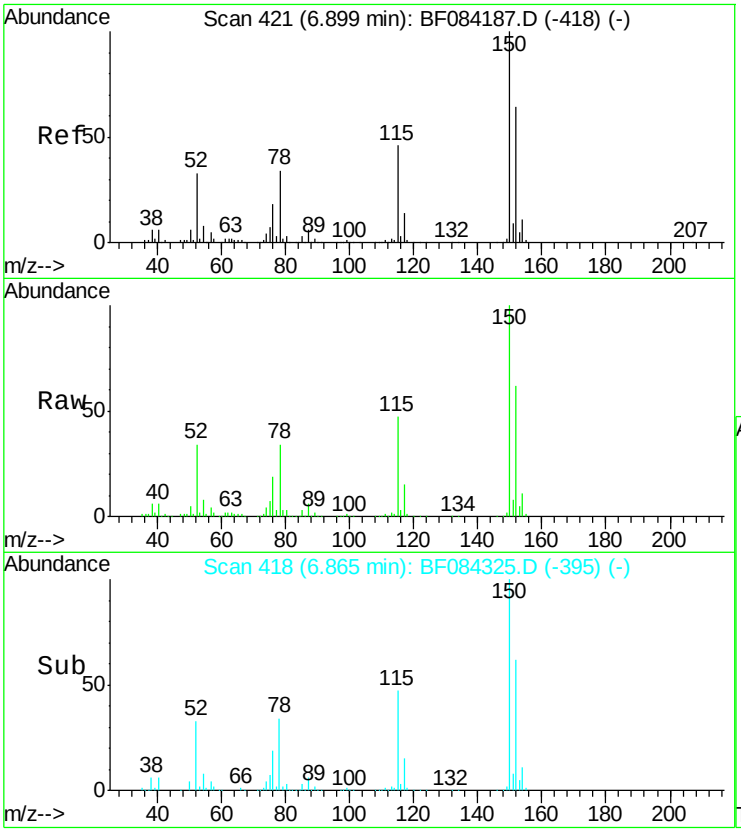
Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
Data File : BF084325.D
Acq On : 8 Jan 2016 8:36
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 08 09:25:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

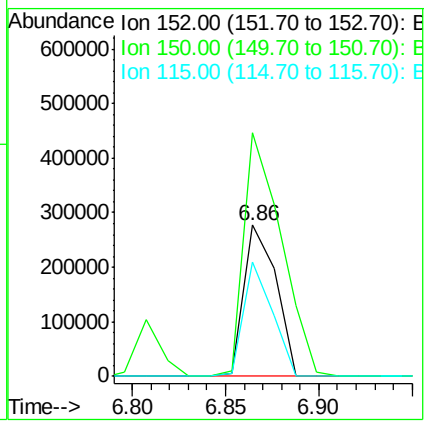




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

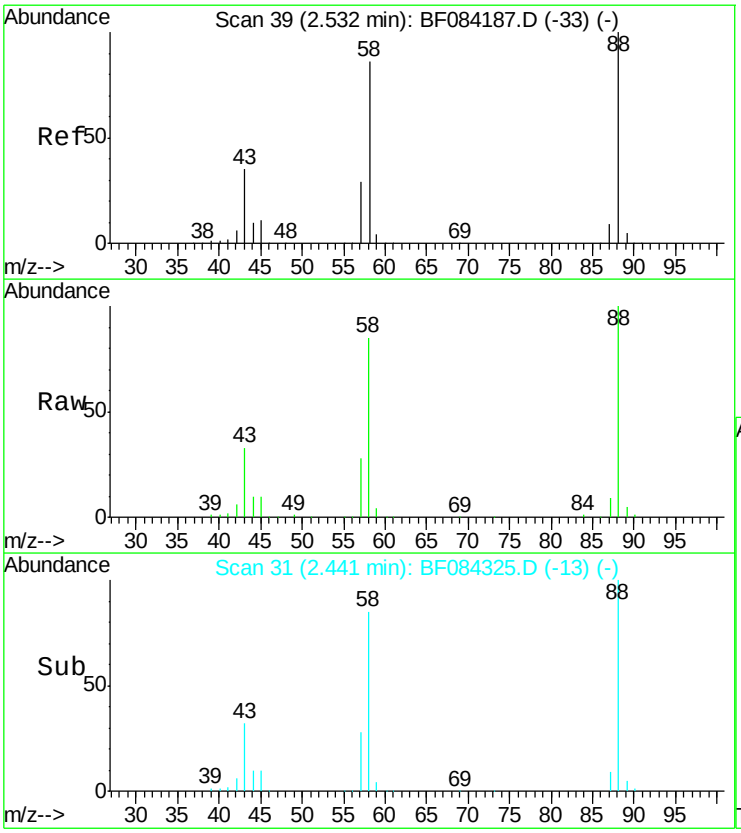
Tgt Ion:152 Resp: 331559

Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.0	184.4
115	75.7	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

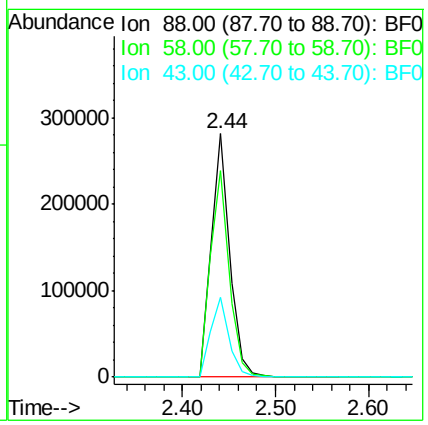
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

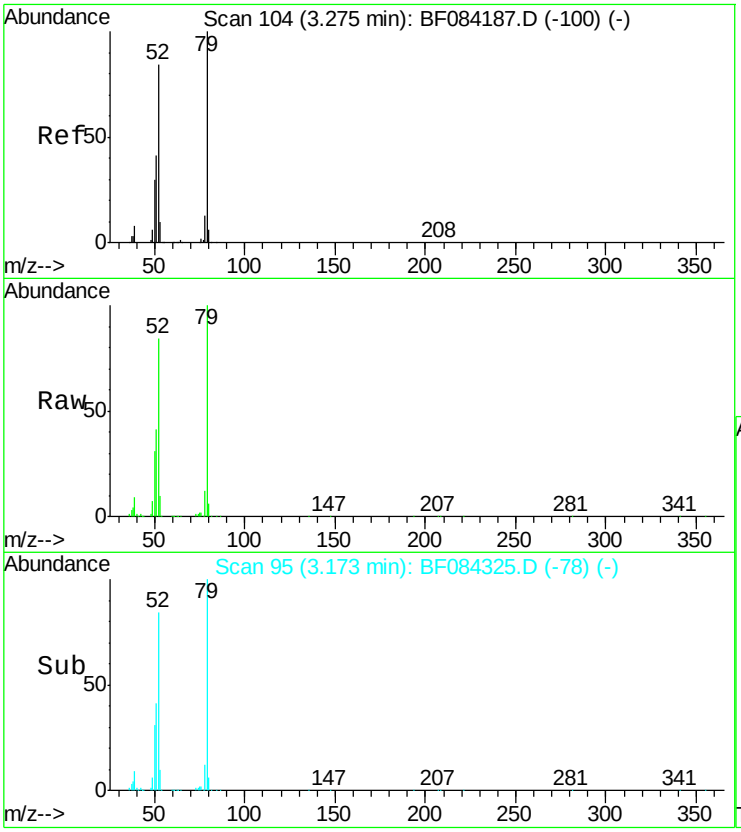


#2
1,4-Dioxane
Concen: 40.00 ng
RT: 2.44 min Scan# 31
Delta R.T. -0.09 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 88 Resp: 388384

Ion	Ratio	Lower	Upper
88	100		
58	86.3	51.2	76.8#
43	32.7	19.5	29.3#

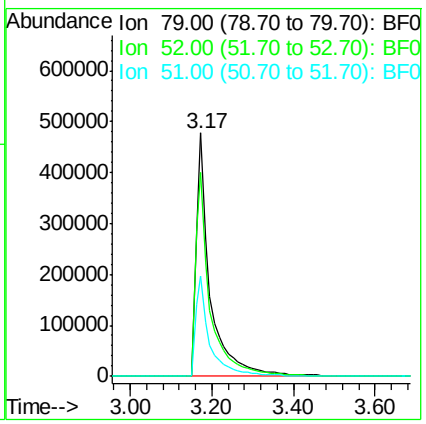




#3
Pyridine
Concen: 42.47 ng
RT: 3.17 min Scan# 95
Delta R.T. -0.10 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

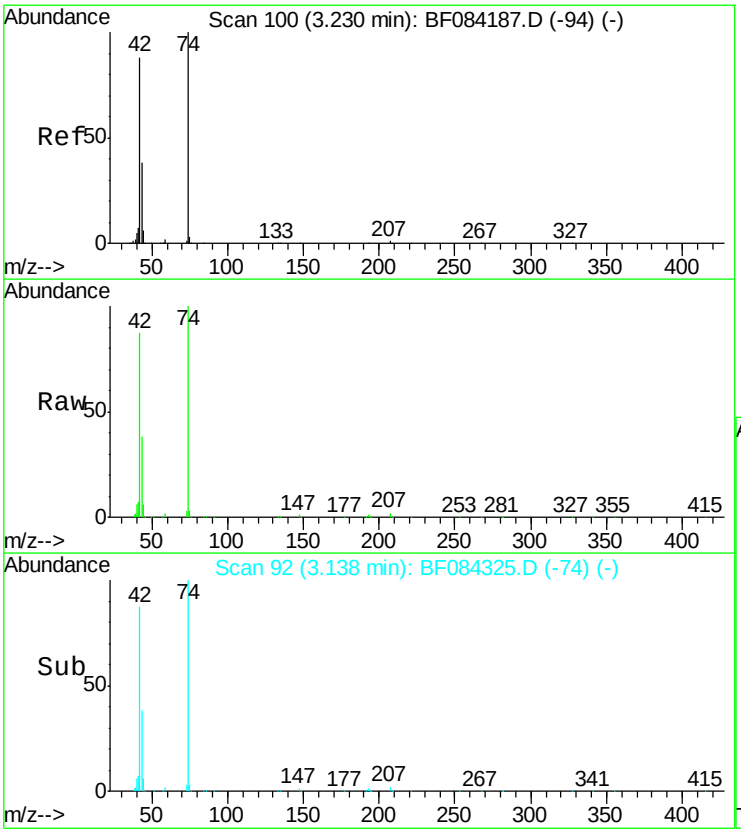
Tgt Ion: 79 Resp: 1149915

Ion	Ratio	Lower	Upper
79	100		
52	84.0	49.0	73.4#
51	41.1	25.2	37.8#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

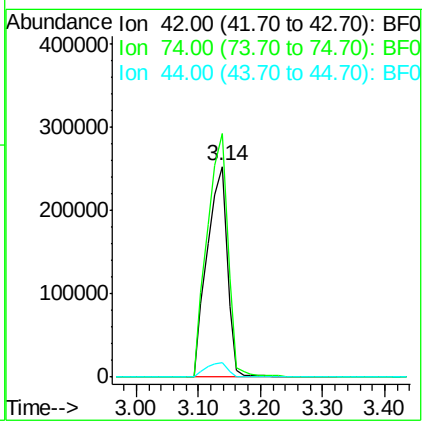
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

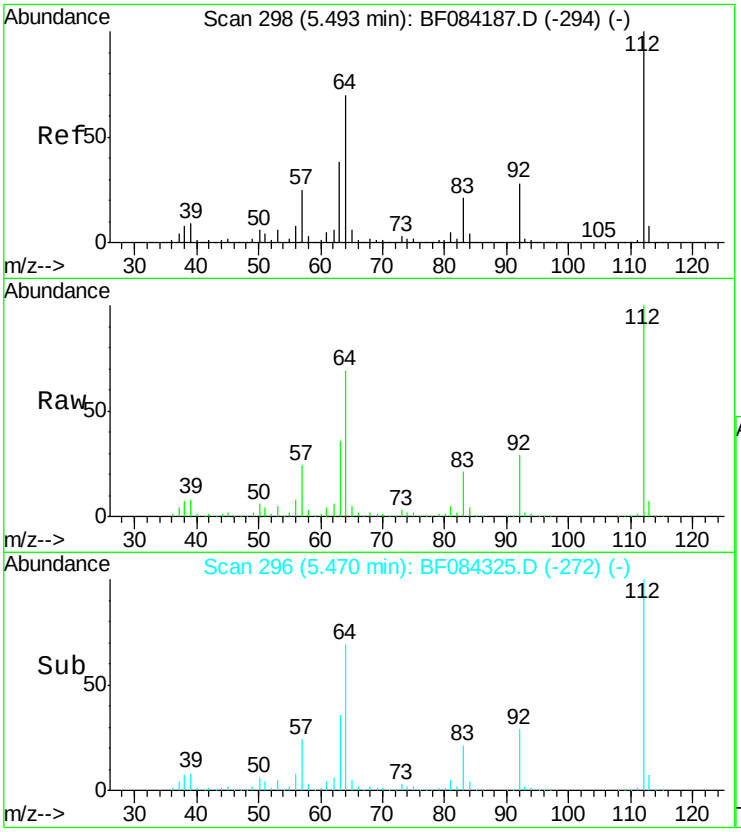


#4
n-Nitrosodimethylamine
Concen: 40.83 ng
RT: 3.14 min Scan# 92
Delta R.T. -0.09 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 42 Resp: 567460

Ion	Ratio	Lower	Upper
42	100		
74	115.6	115.7	173.5#
44	7.0	5.1	7.7





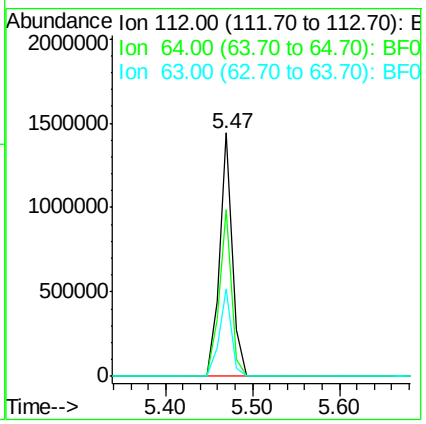
#5
2-Fluorophenol
Concen: 72.66 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

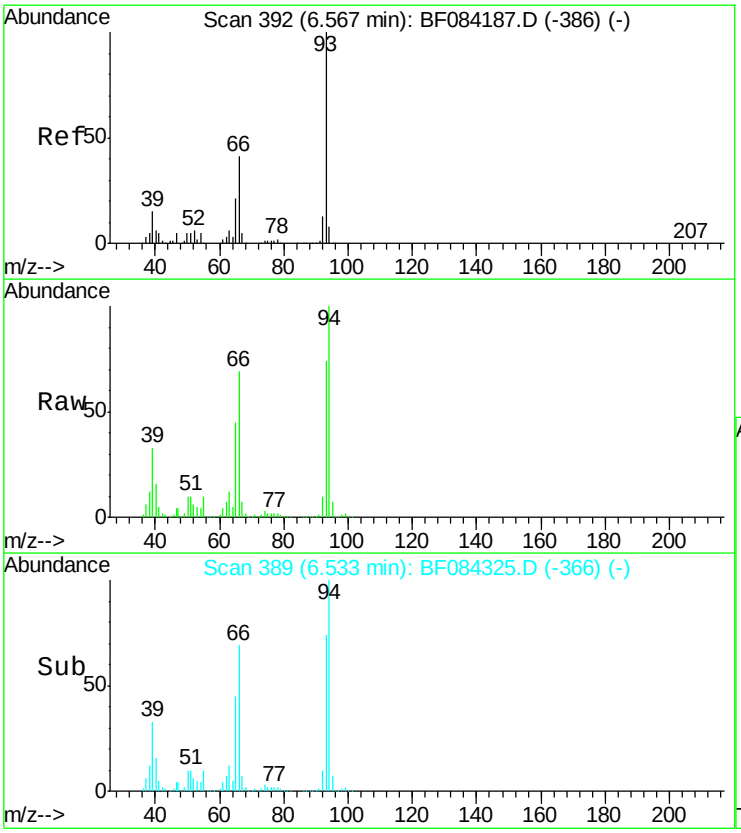
Tgt Ion:112 Resp: 1489343

Ion	Ratio	Lower	Upper
112	100		
64	68.8	36.6	55.0#
63	36.0	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

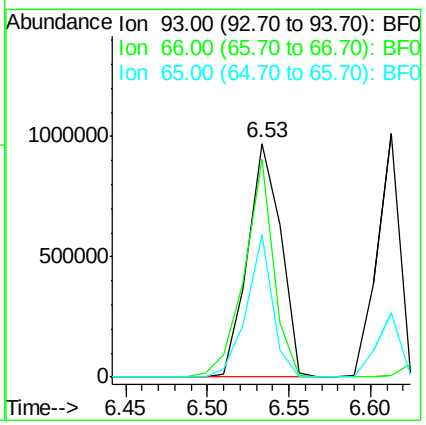


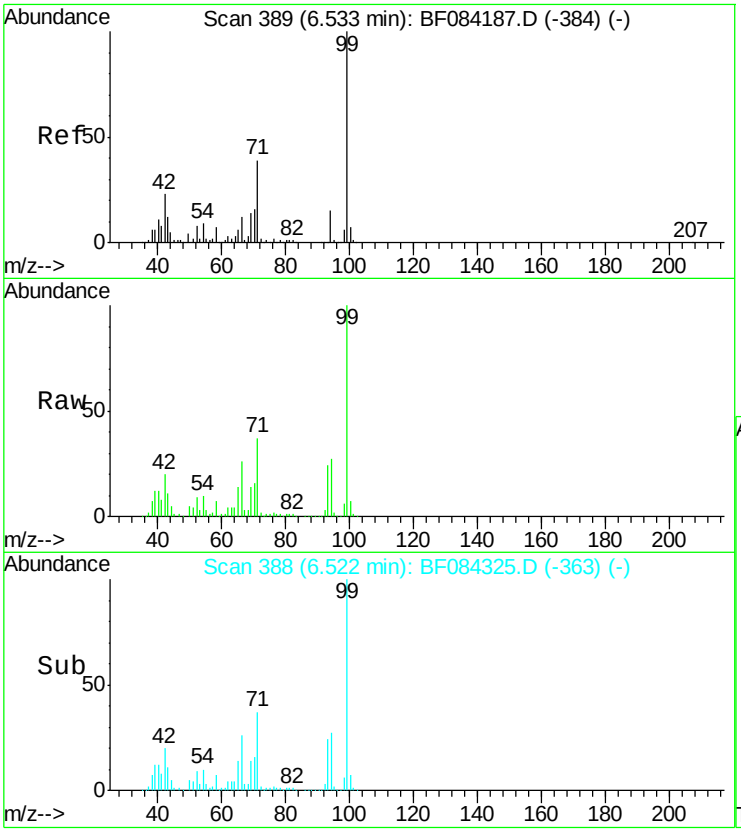


#6
Aniline
Concen: 36.44 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 93 Resp: 1372522

Ion	Ratio	Lower	Upper
93	100		
66	93.2	44.9	67.3#
65	61.2	23.7	35.5#

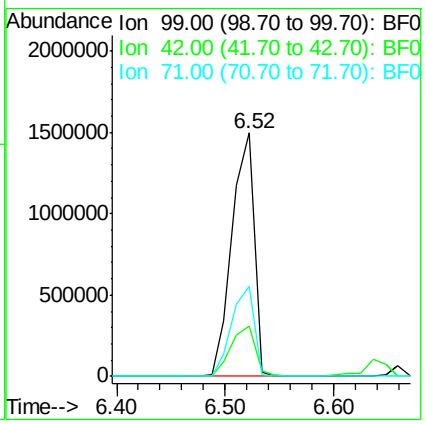




#7
Phenol-d6
Concen: 81.51 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

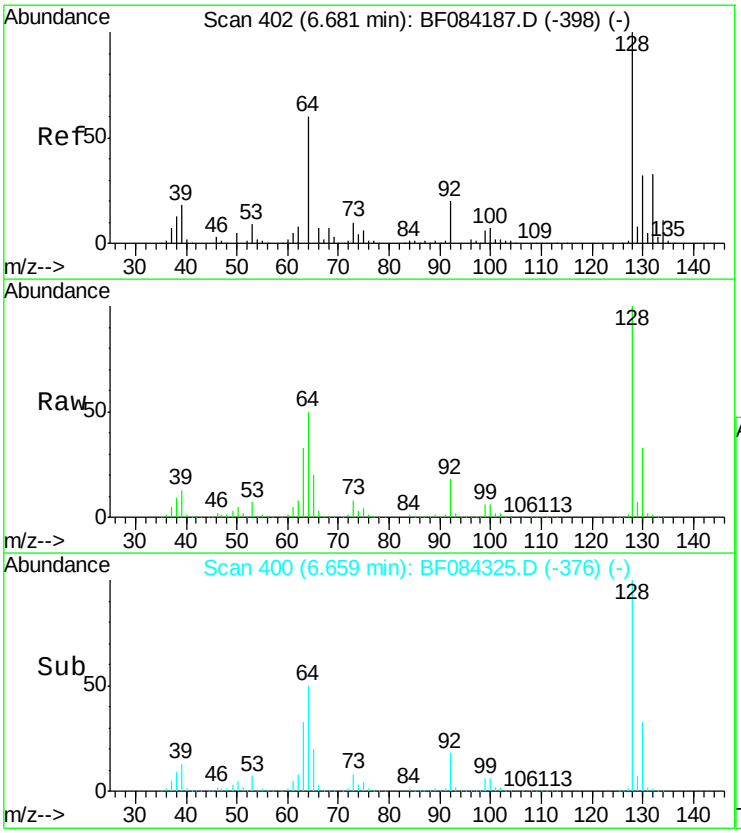
Tgt Ion: 99 Resp: 2098321

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.8	19.2#
71	37.0	30.9	46.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

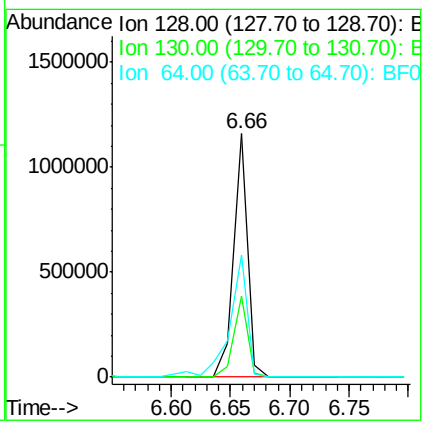
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

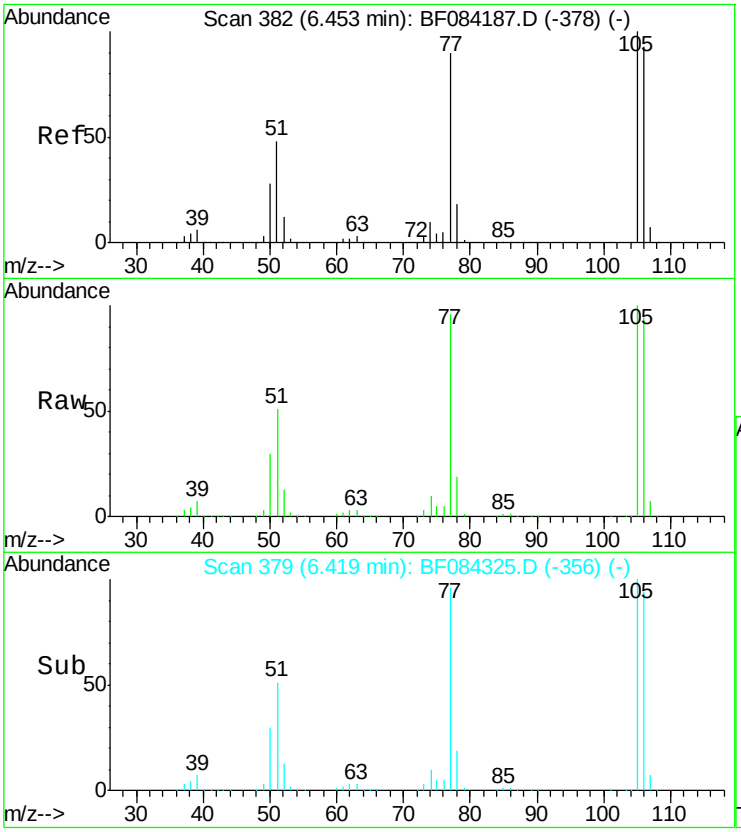


#8
2-Chlorophenol
Concen: 40.76 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:128 Resp: 948052

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.6	51.6
64	50.3	23.8	63.8

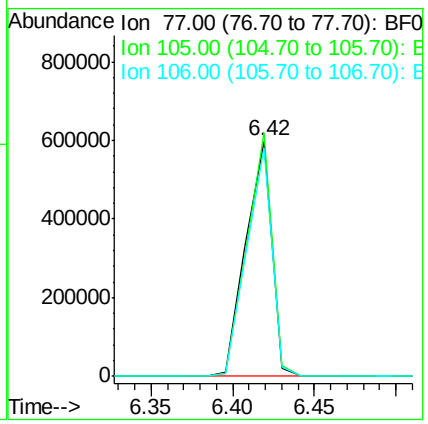




#9
Benzaldehyde
Concen: 39.28 ng
RT: 6.42 min Scan# 379
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

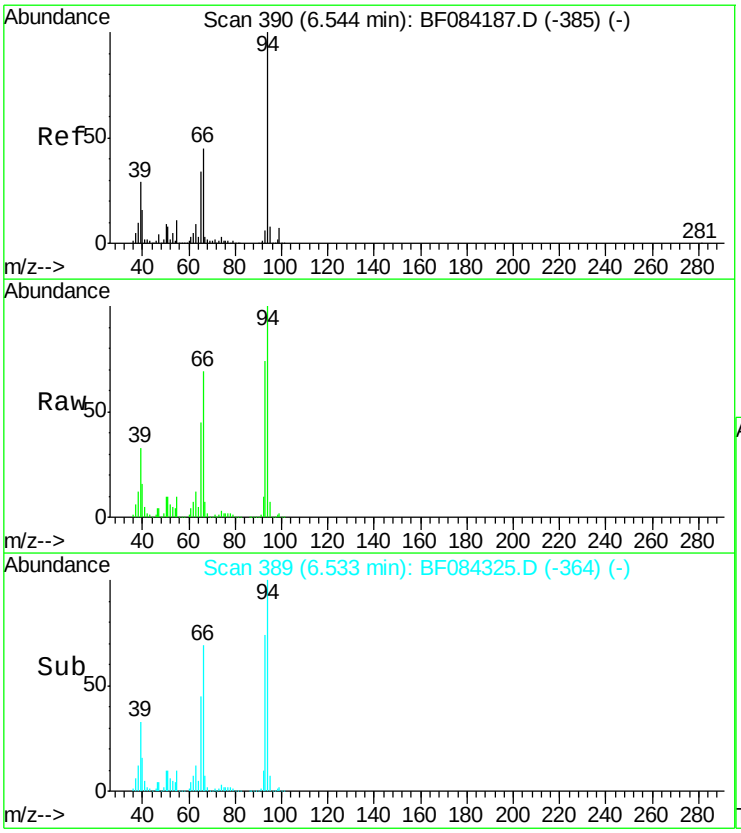
Tgt Ion: 77 Resp: 658529

Ion	Ratio	Lower	Upper
77	100		
105	103.8	83.0	123.0
106	97.1	74.6	114.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

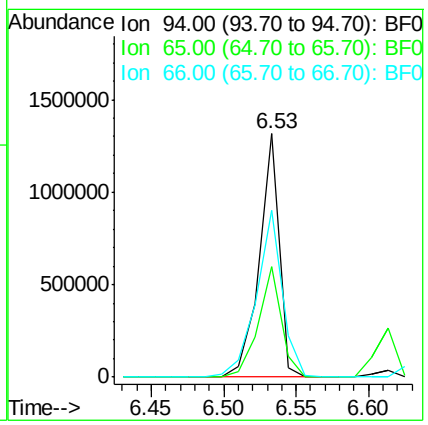
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

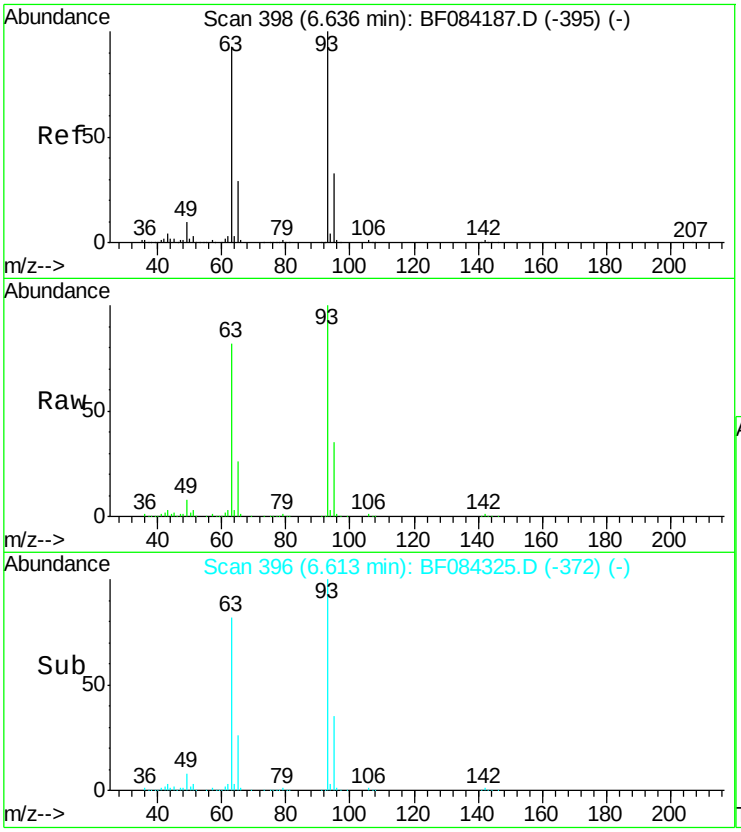


#10
Phenol
Concen: 42.75 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 94 Resp: 1251267

Ion	Ratio	Lower	Upper
94	100		
65	45.1	12.9	52.9
66	68.7	32.7	72.7

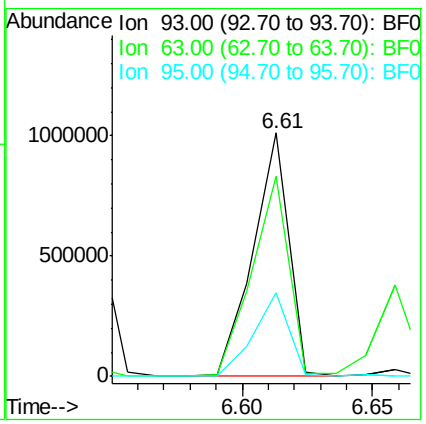




#11
bis(2-Chloroethyl)ether
Concen: 42.69 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

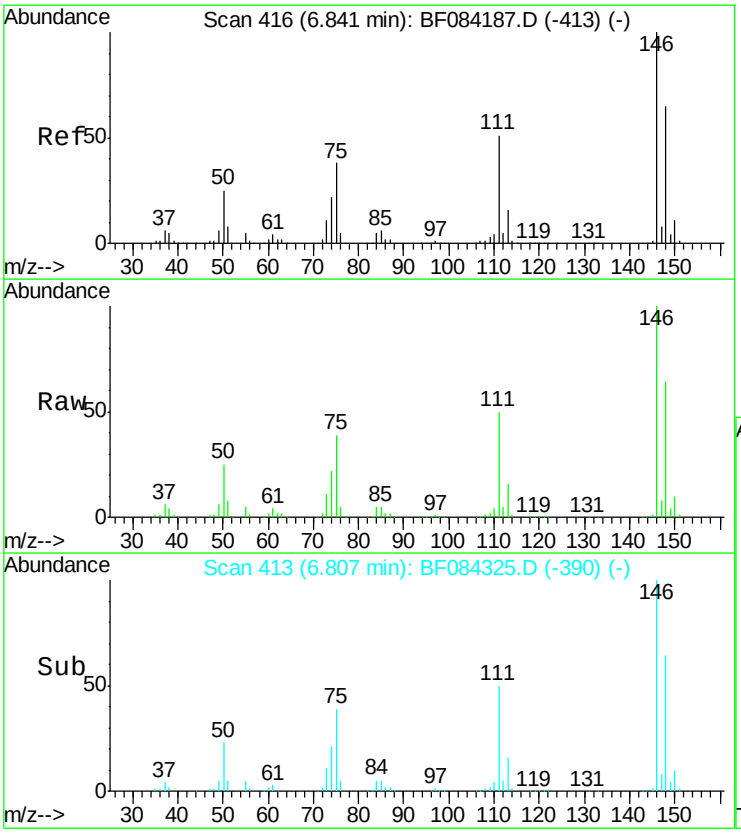
Tgt Ion: 93 Resp: 968064

Ion	Ratio	Lower	Upper
93	100		
63	82.1	45.9	85.9
95	34.5	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

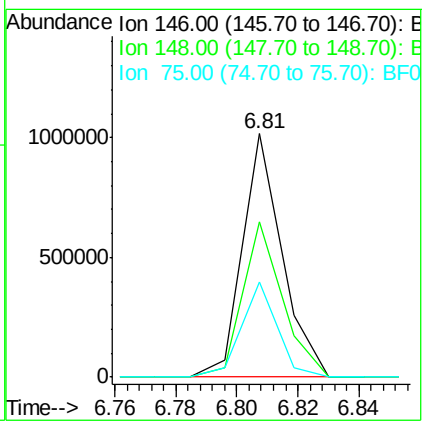
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

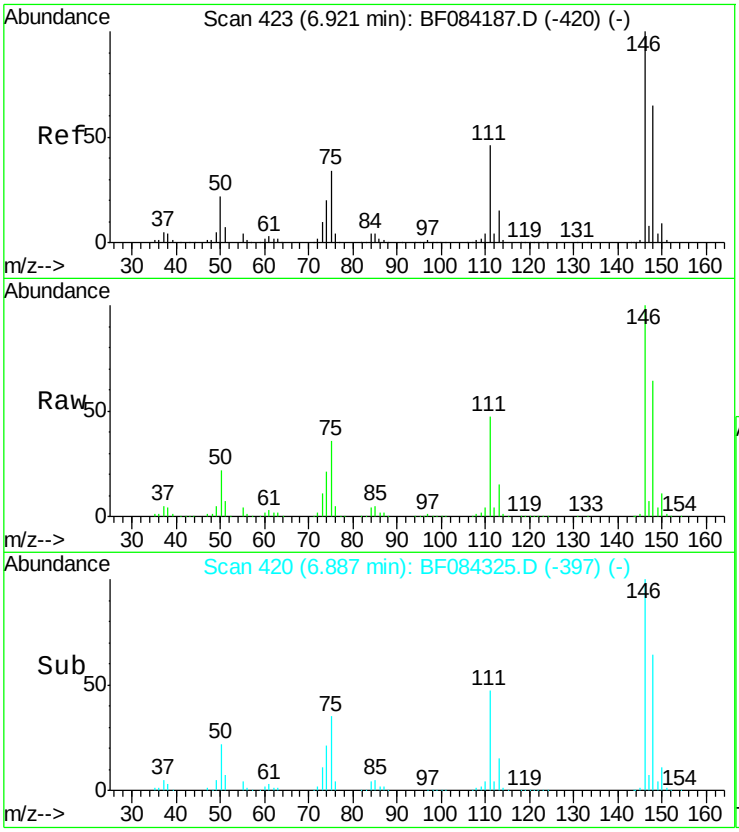


#12
1,3-Dichlorobenzene
Concen: 38.47 ng m
RT: 6.81 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:146 Resp: 922958

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
75	39.0	20.5	30.7#

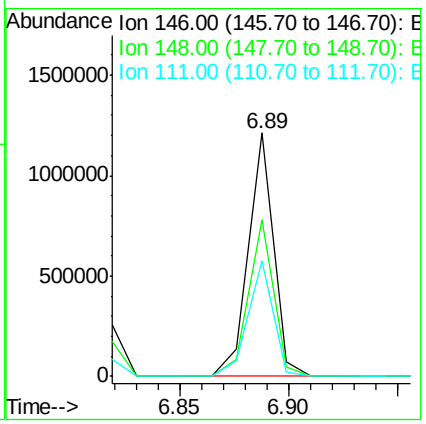




#13
1,4-Dichlorobenzene
Concen: 40.43 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

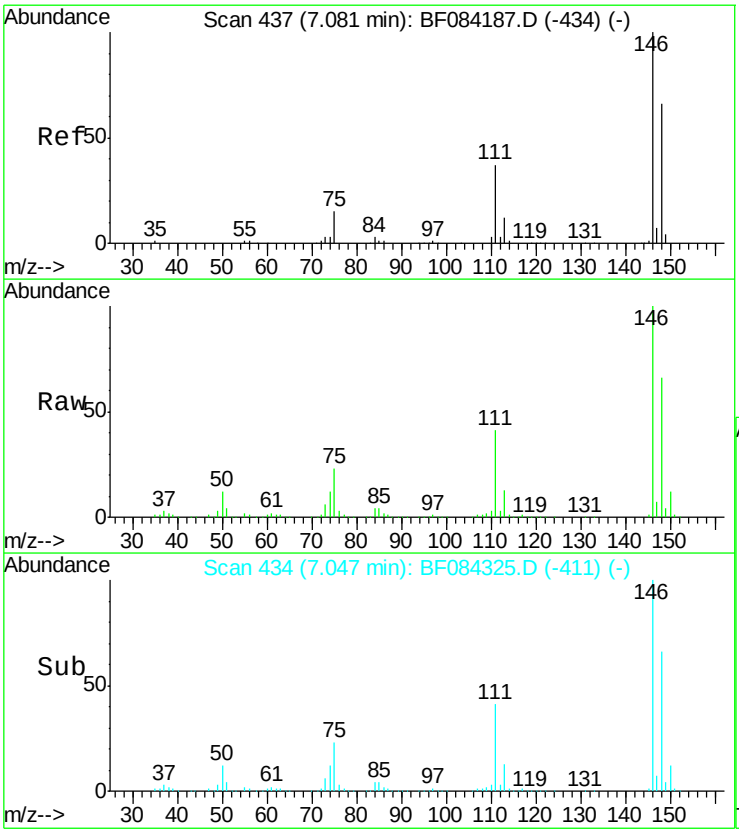
Tgt Ion:146 Resp: 972568

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	47.5	41.6	62.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

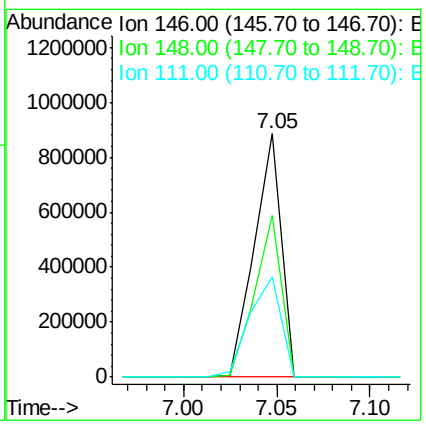
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

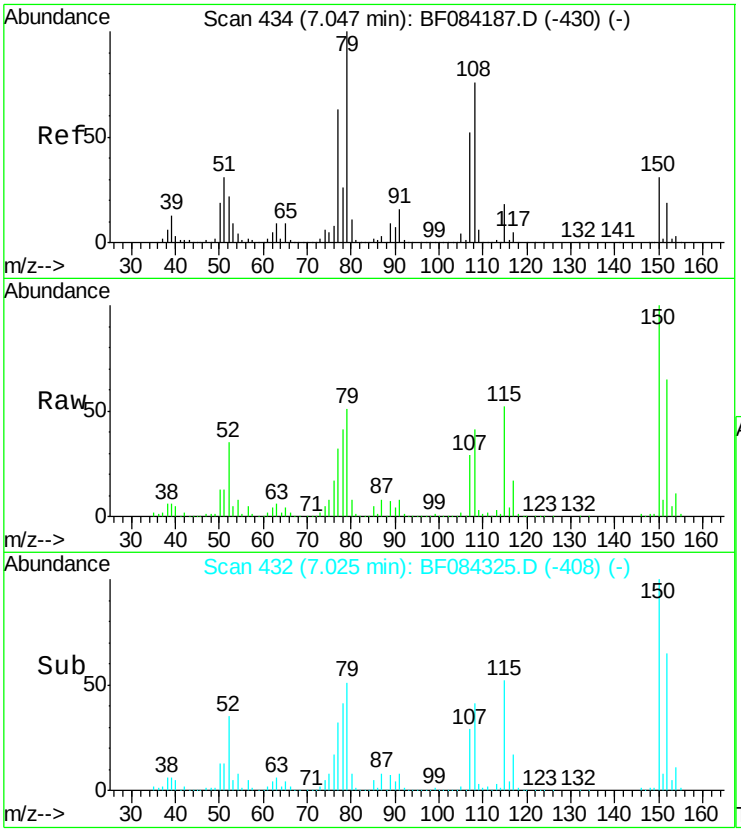


#14
1,2-Dichlorobenzene
Concen: 38.32 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:146 Resp: 882997

Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.6	77.4
111	41.2	38.0	57.0





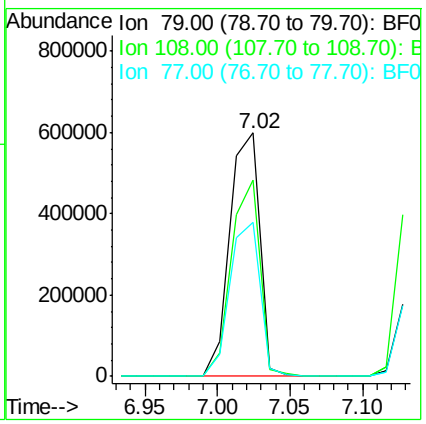
#15
Benzyl Alcohol
Concen: 39.77 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

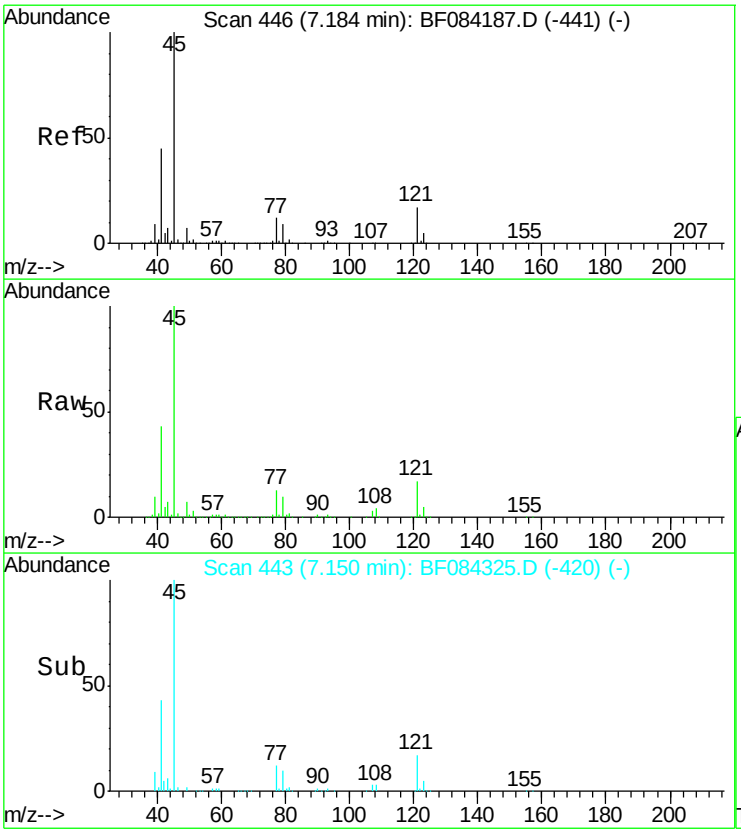
Tgt Ion: 79 Resp: 861290

Ion	Ratio	Lower	Upper
79	100		
108	80.8	69.0	103.4
77	63.2	50.0	75.0

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

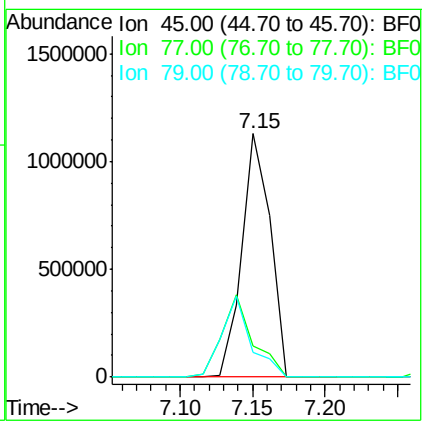


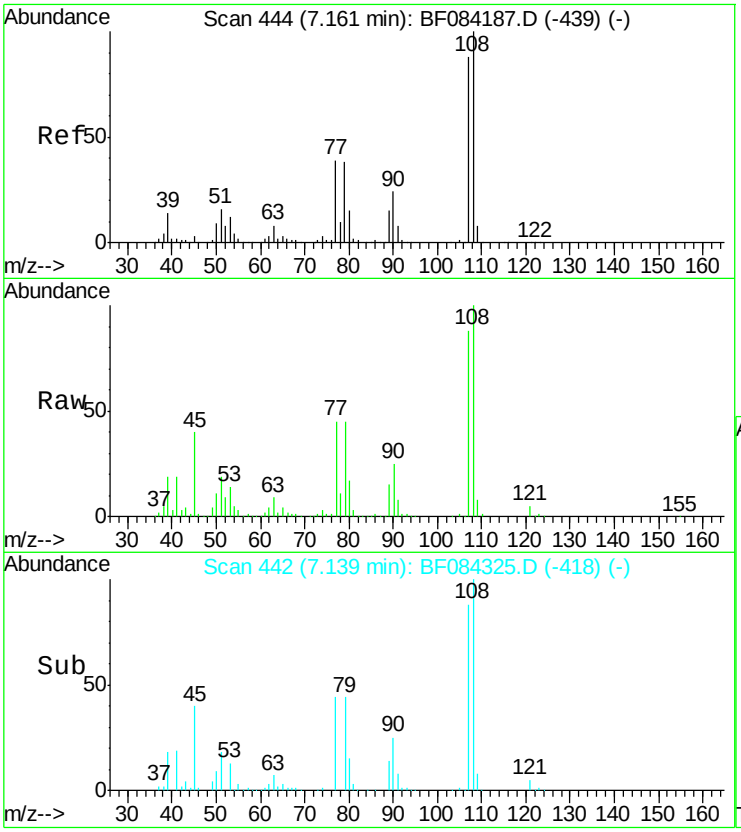


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.93 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 45 Resp: 1524865

Ion	Ratio	Lower	Upper
45	100		
77	12.6	0.0	39.6
79	10.0	0.0	35.0

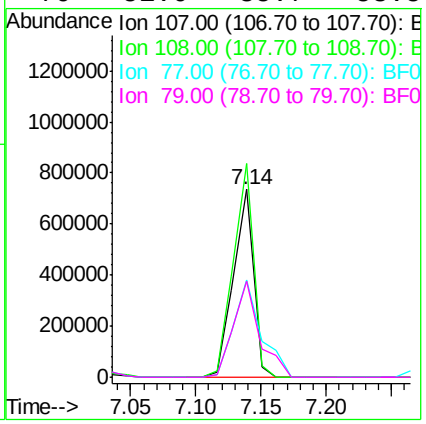




#17
2-Methylphenol
Concen: 40.12 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

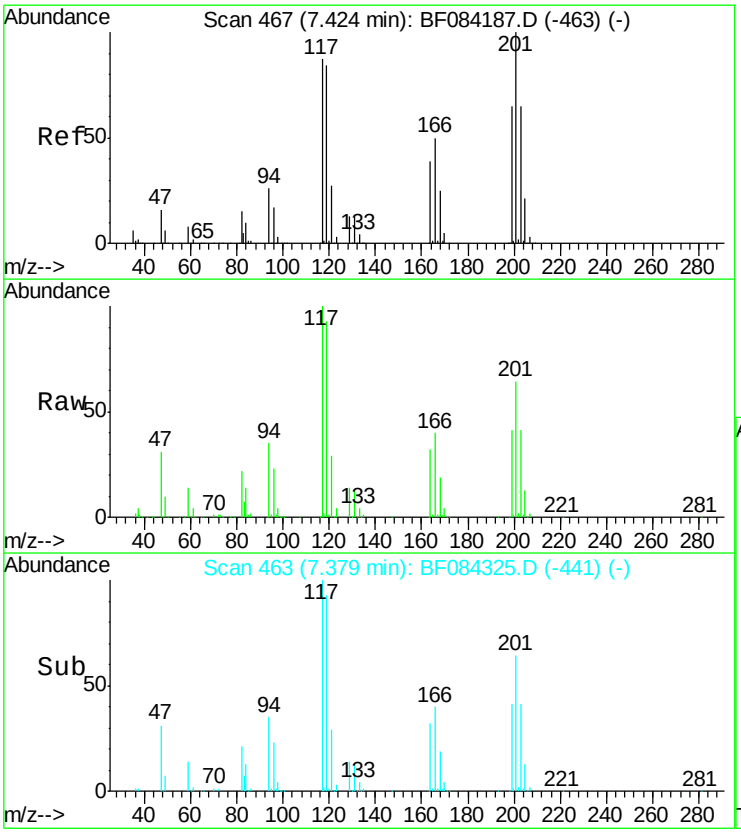
Tgt Ion:107 Resp: 781962

Ion	Ratio	Lower	Upper
107	100		
108	113.8	89.8	134.6
77	51.7	35.7	53.5
79	51.0	35.7	53.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

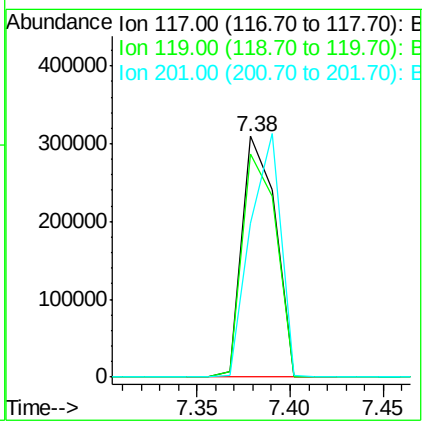
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

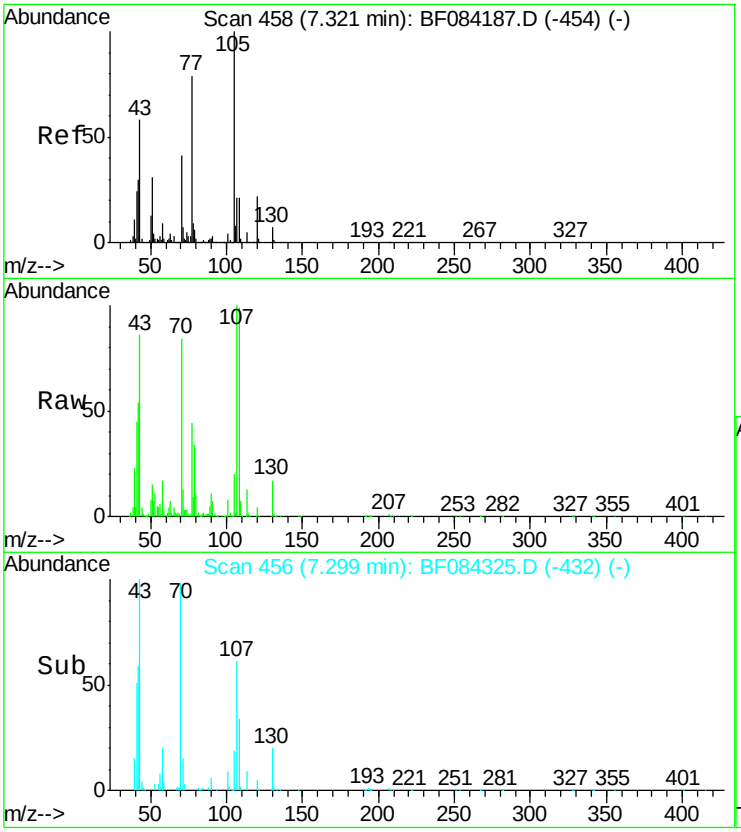


#18
Hexachloroethane
Concen: 39.82 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:117 Resp: 383058

Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.4	116.0
201	64.1	68.6	103.0#

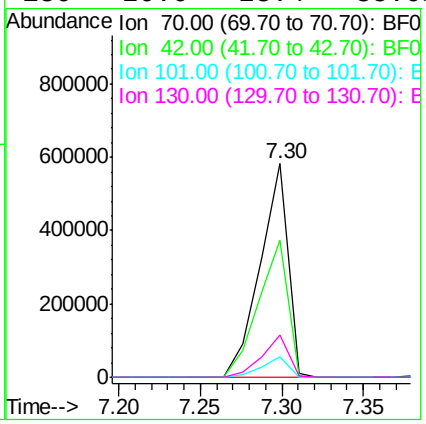




#19
n-Nitroso-di-n-propylamine
Concen: 39.84 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

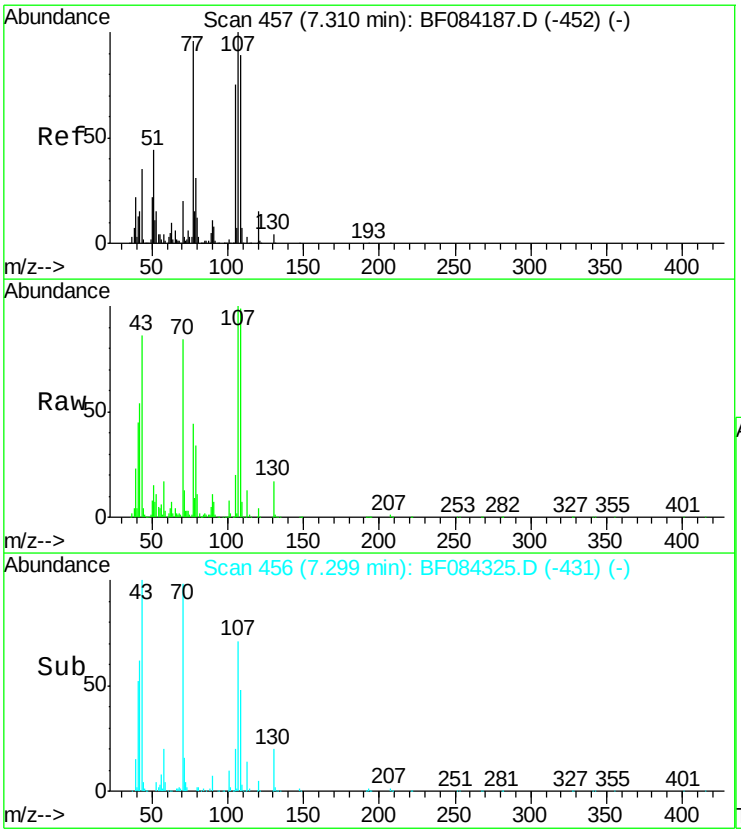
Tgt Ion: 70 Resp: 694317

Ion	Ratio	Lower	Upper
70	100		
42	64.1	33.3	49.9#
101	9.9	9.3	13.9
130	20.0	23.4	35.0#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

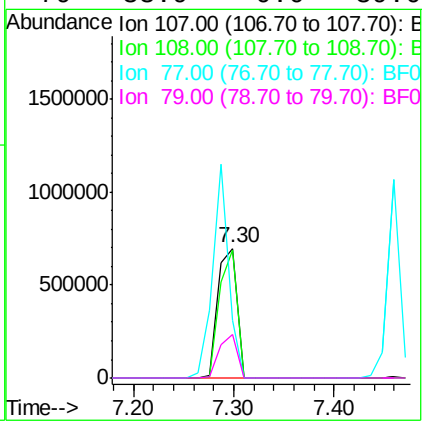
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

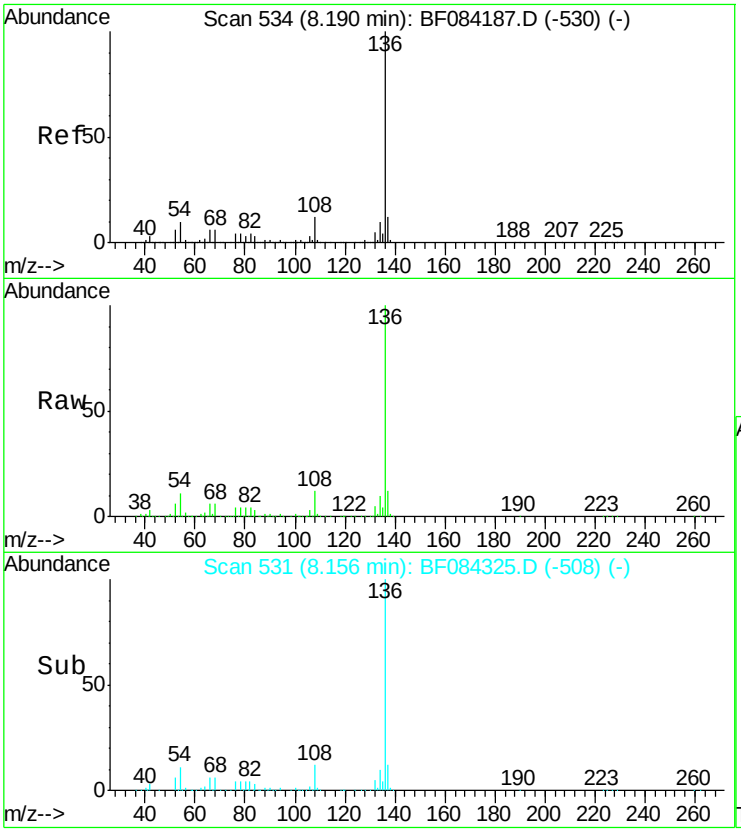


#20
3+4-Methylphenols
Concen: 40.07 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:107 Resp: 918115

Ion	Ratio	Lower	Upper
107	100		
108	98.6	74.6	114.6
77	44.2	0.7	40.7#
79	33.9	0.0	39.0

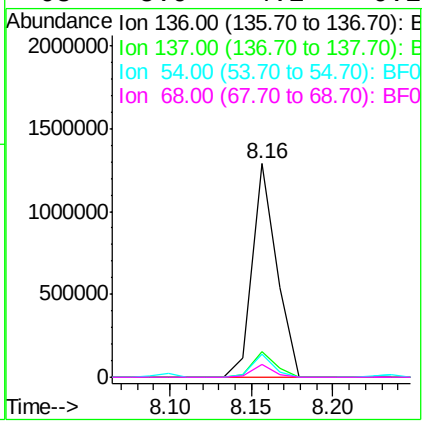




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

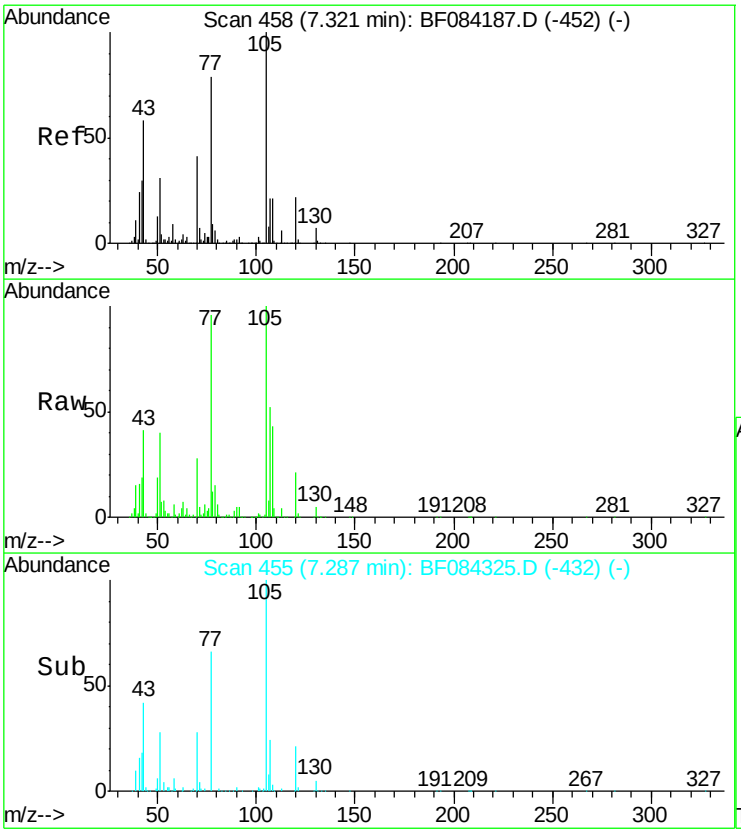
Tgt Ion:136 Resp: 1334817

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	10.8	5.8	8.8#
68	5.9	4.2	6.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

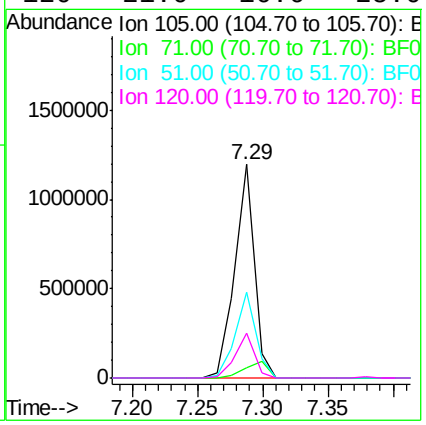
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

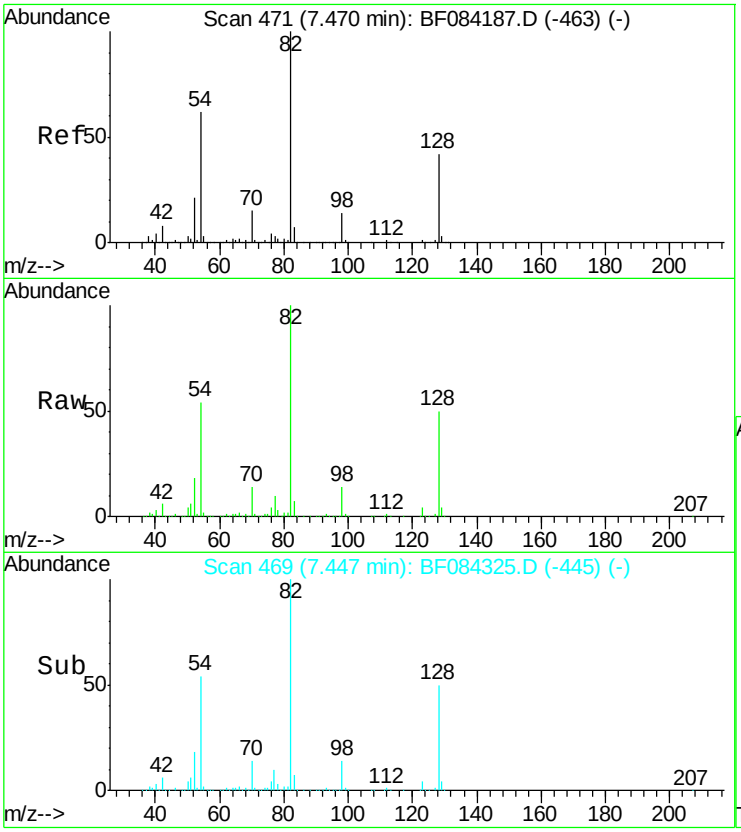


#22
Acetophenone
Concen: 38.63 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:105 Resp: 1239837

Ion	Ratio	Lower	Upper
105	100		
71	4.5	3.7	5.5
51	40.4	25.1	37.7#
120	21.0	16.6	25.0

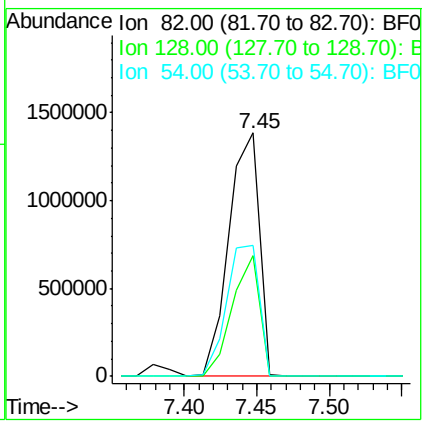




#23
Nitrobenzene-d5
Concen: 84.10 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

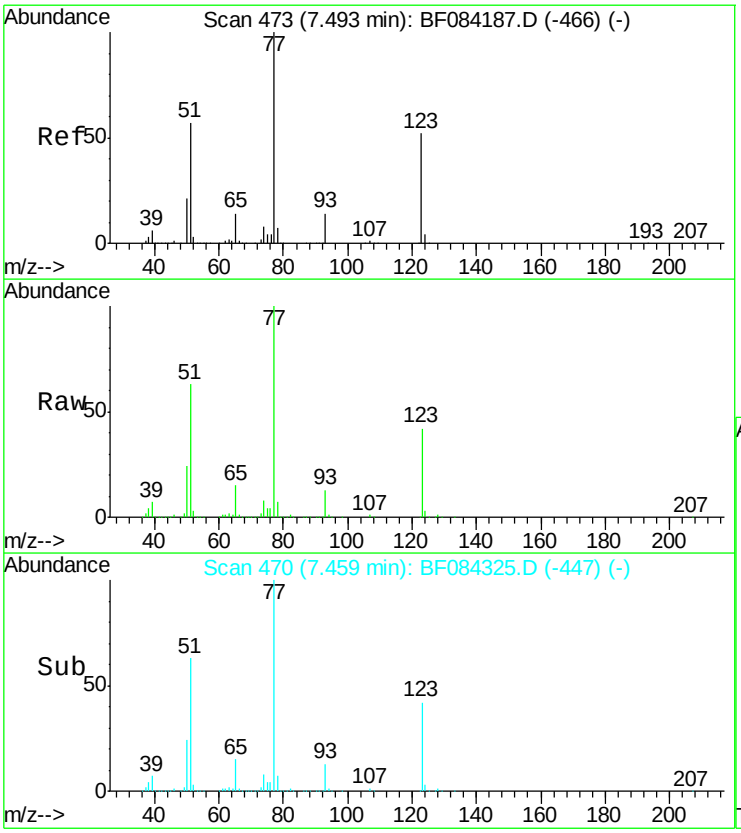
Tgt Ion: 82 Resp: 2017135

Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	51.8
54	53.9	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

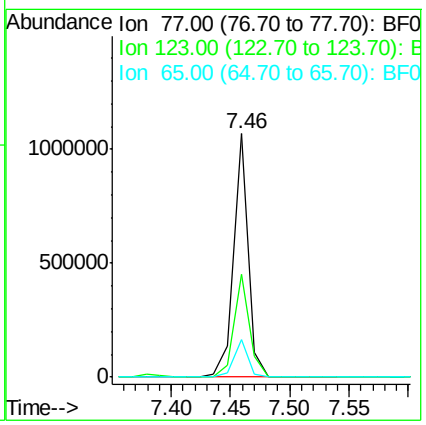
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

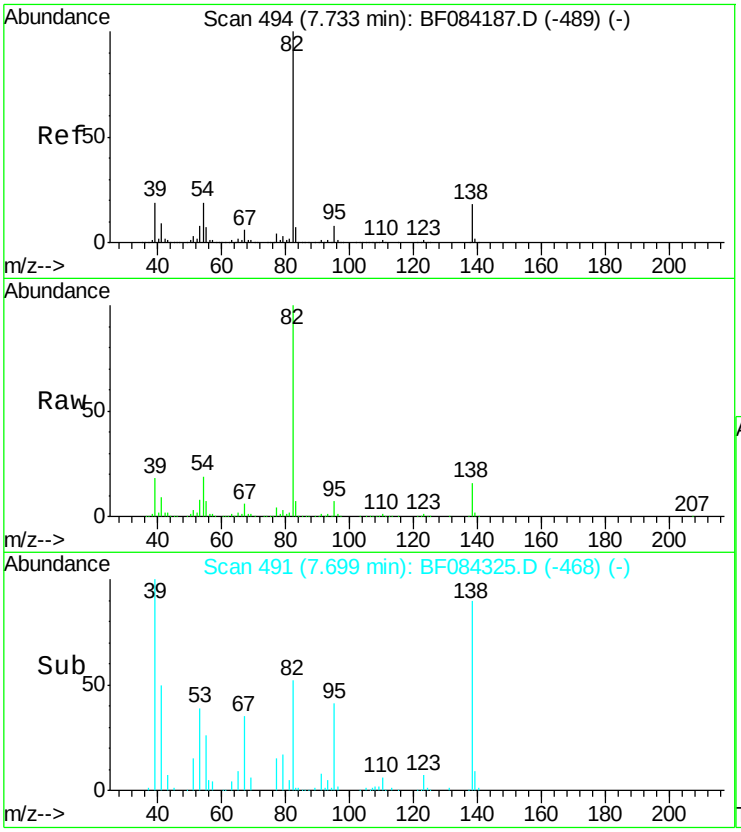


#24
Nitrobenzene
Concen: 37.45 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 77 Resp: 910917

Ion	Ratio	Lower	Upper
77	100		
123	42.5	37.4	56.2
65	15.4	10.9	16.3

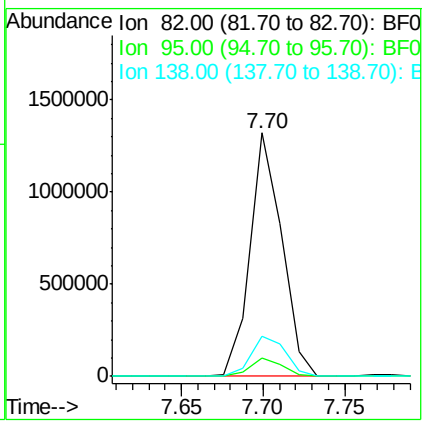




#25
Isophorone
Concen: 39.04 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

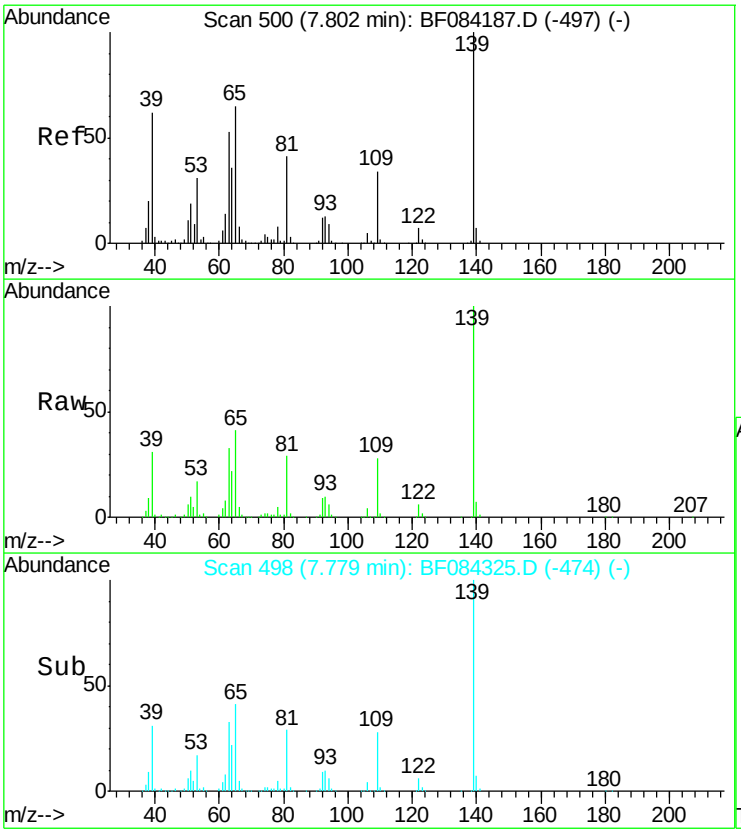
Tgt Ion: 82 Resp: 1790877

Ion	Ratio	Lower	Upper
82	100		
95	7.4	6.6	10.0
138	16.3	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

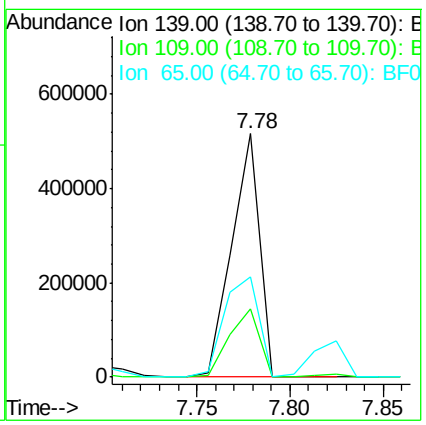
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

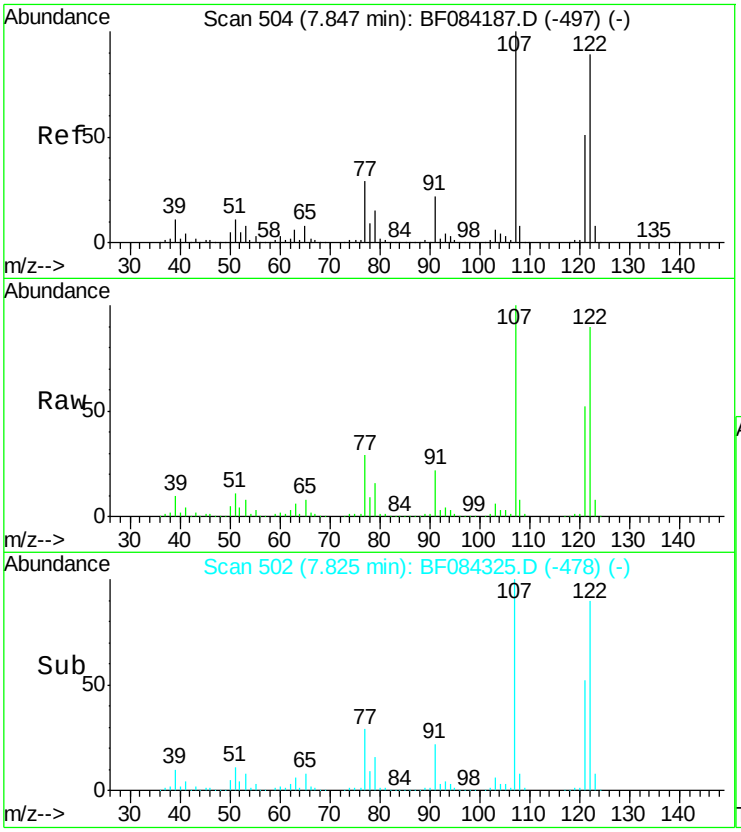


#26
2-Nitrophenol
Concen: 48.78 ng
RT: 7.78 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:139 Resp: 540016

Ion	Ratio	Lower	Upper
139	100		
109	27.8	25.4	38.2
65	41.3	32.3	48.5

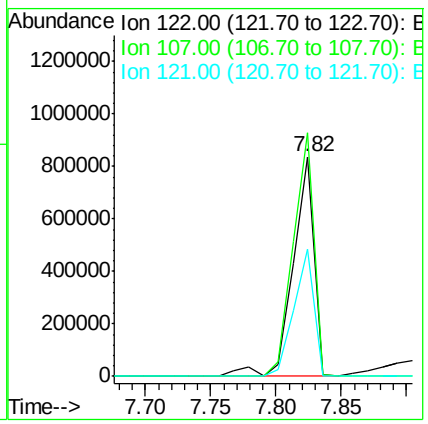




#27
2,4-Dimethylphenol
Concen: 42.06 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

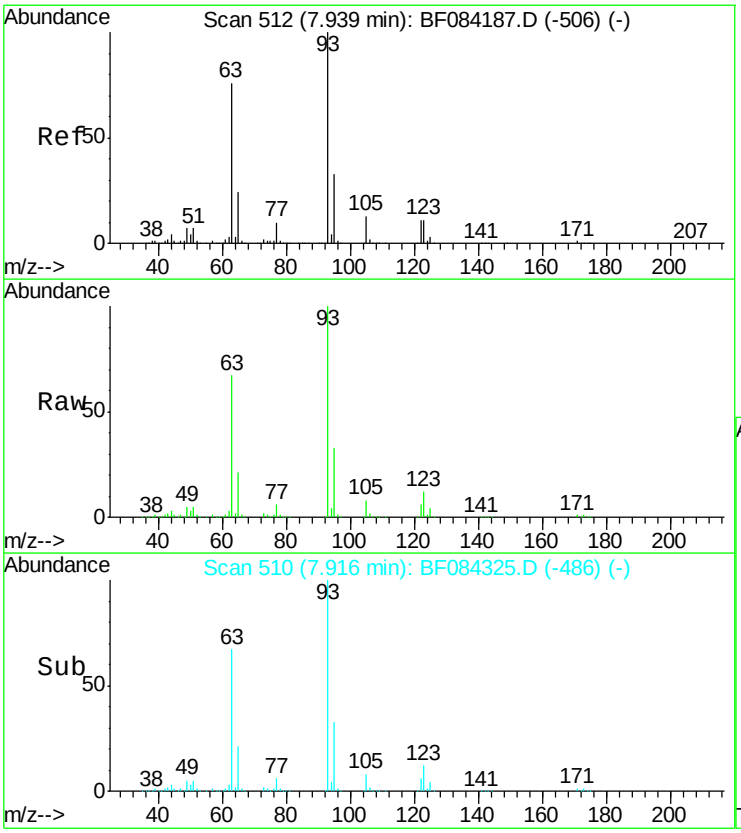
Tgt Ion:122 Resp: 942519

Ion	Ratio	Lower	Upper
122	100		
107	110.9	99.1	148.7
121	58.1	47.9	71.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

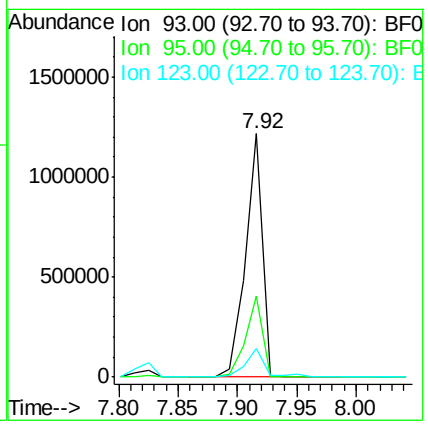
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

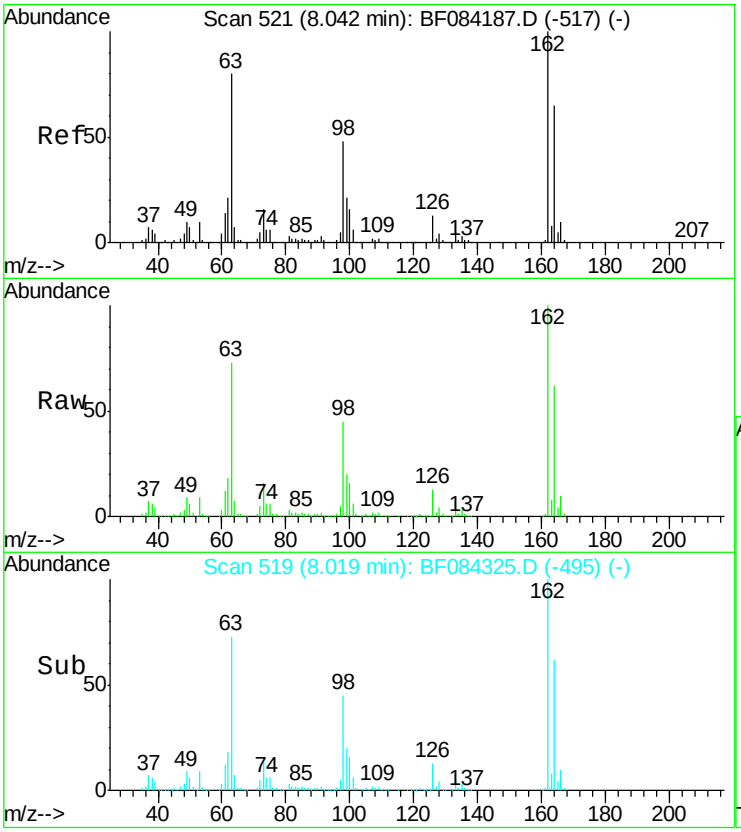


#28
bis(2-Chloroethoxy)methane
Concen: 42.94 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 93 Resp: 1203164

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.6
123	11.8	8.6	12.8

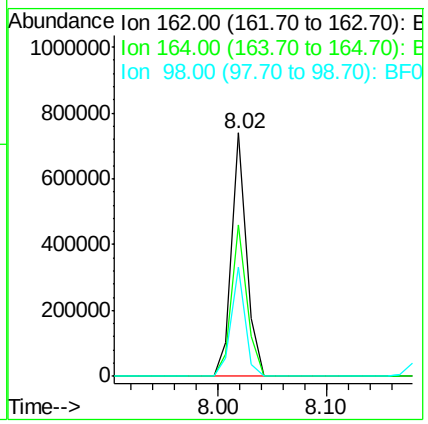




#29
2,4-Dichlorophenol
Concen: 37.72 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

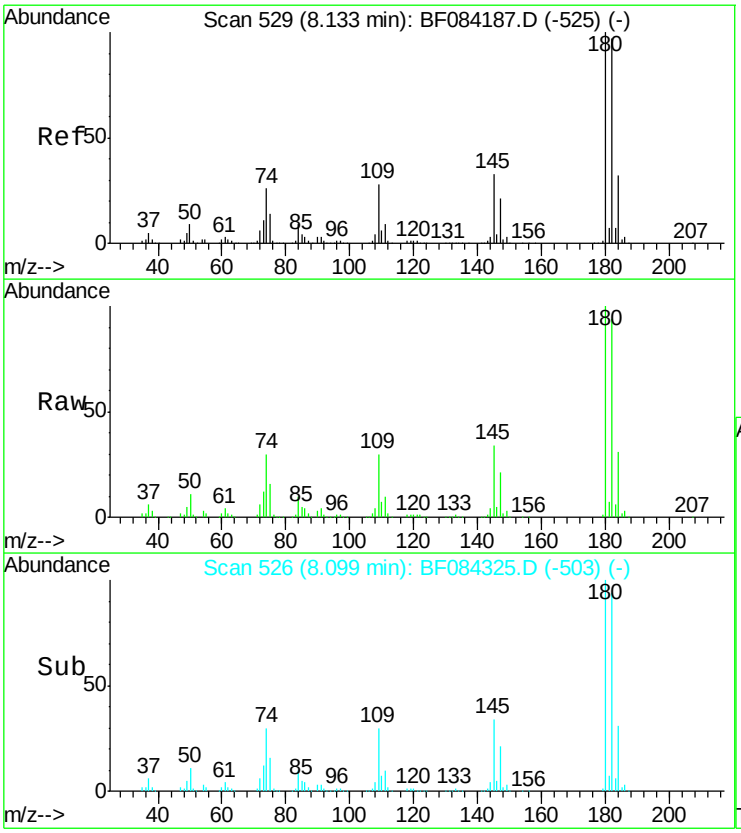
Tgt Ion:162 Resp: 704077

Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.1	84.1
98	45.0	20.2	60.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

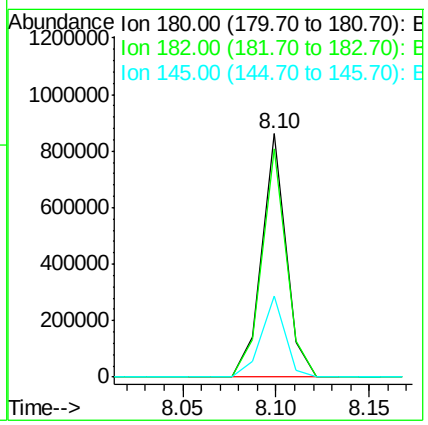
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

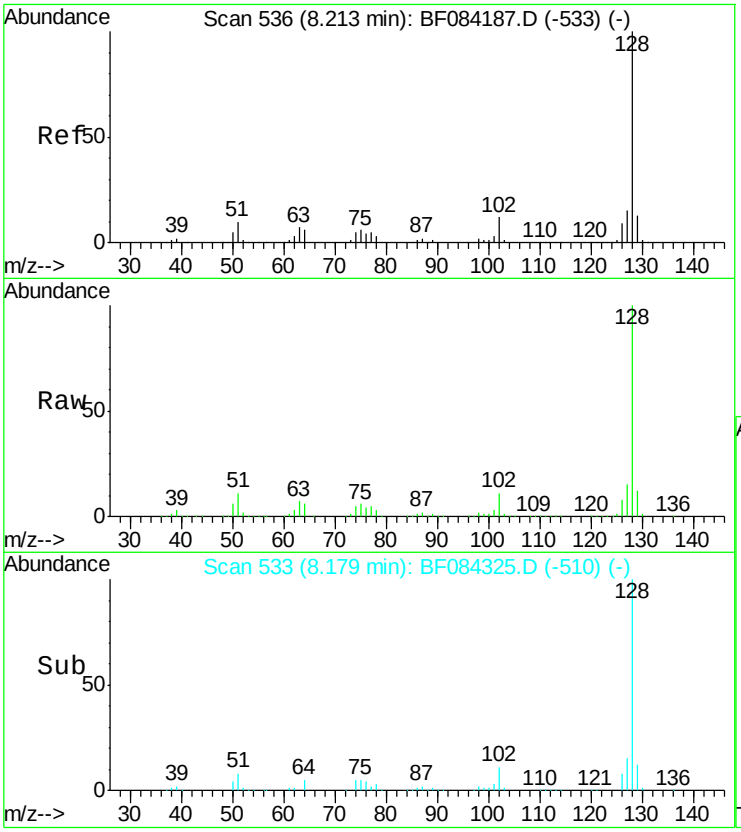


#30
1,2,4-Trichlorobenzene
Concen: 40.07 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:180 Resp: 772212

Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	33.5	31.6	47.4

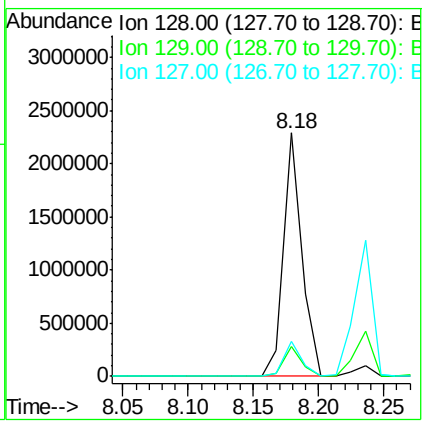




#31
Naphthalene
Concen: 37.64 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

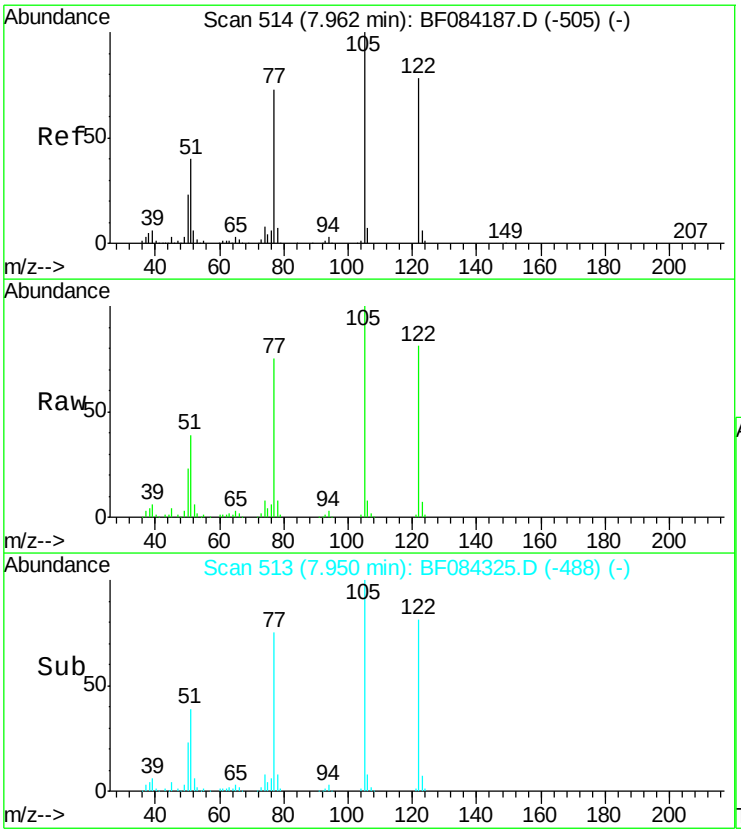
Tgt Ion:128 Resp: 2279356

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.1	13.7
127	14.6	11.1	16.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

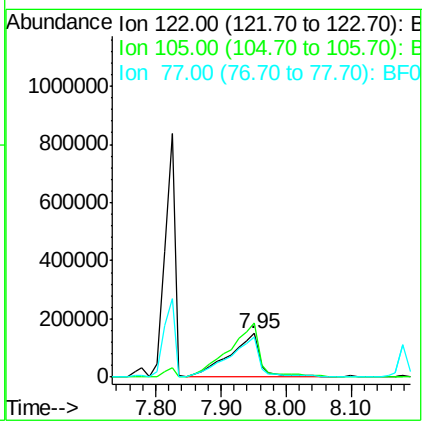
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

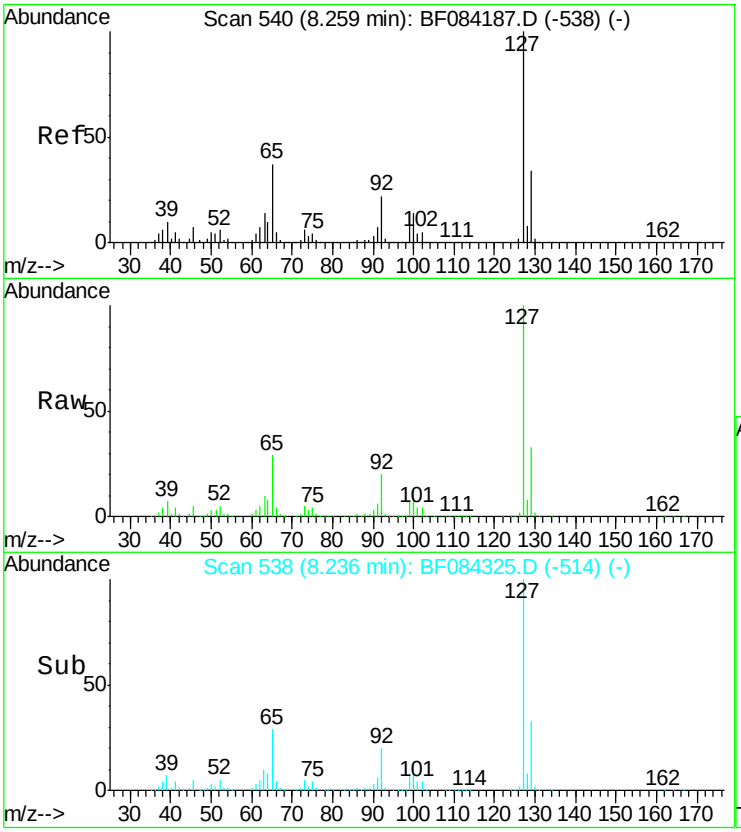


#32
Benzoic acid
Concen: 35.73 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:122 Resp: 488567

Ion	Ratio	Lower	Upper
122	100		
105	123.5	100.3	140.3
77	92.1	63.5	103.5

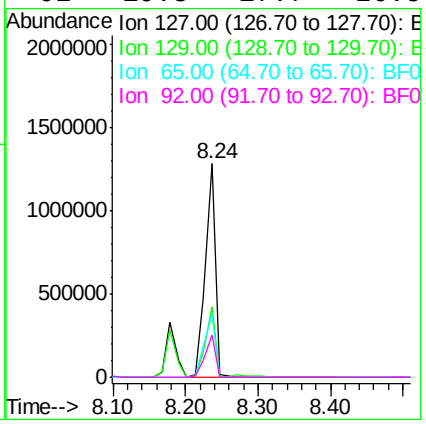




#33
4-Chloroaniline
Concen: 44.55 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

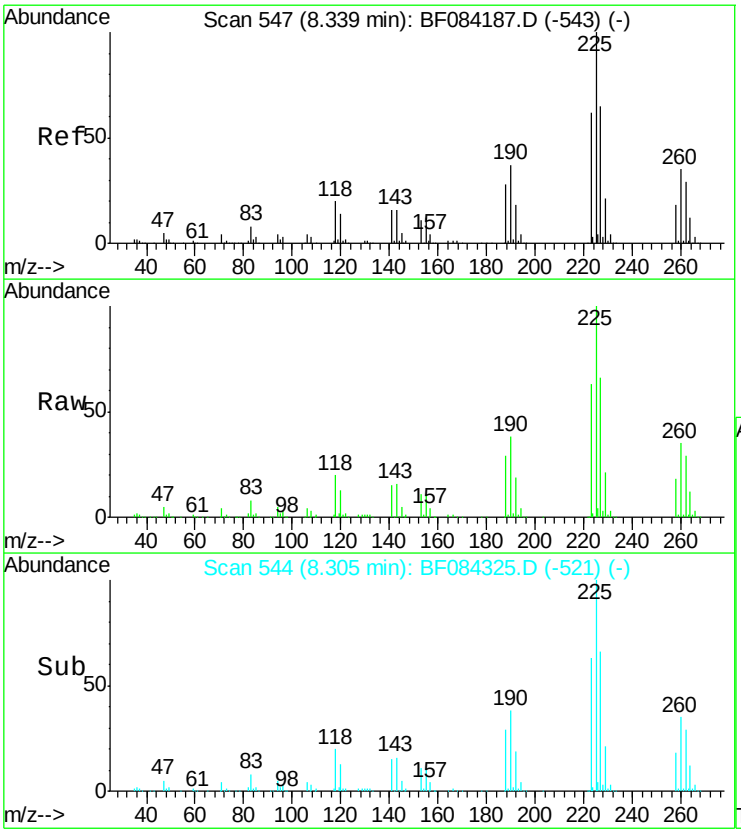
Tgt Ion:127 Resp: 1236856

Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.5	39.7
65	29.3	27.2	40.8
92	19.8	17.7	26.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

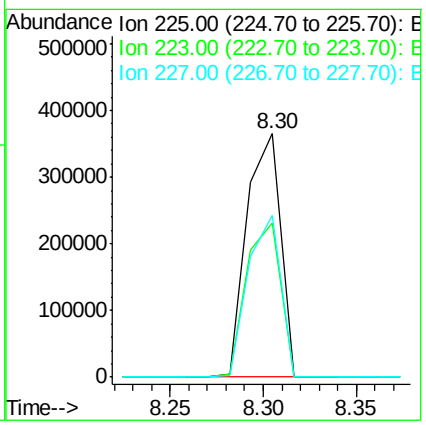
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

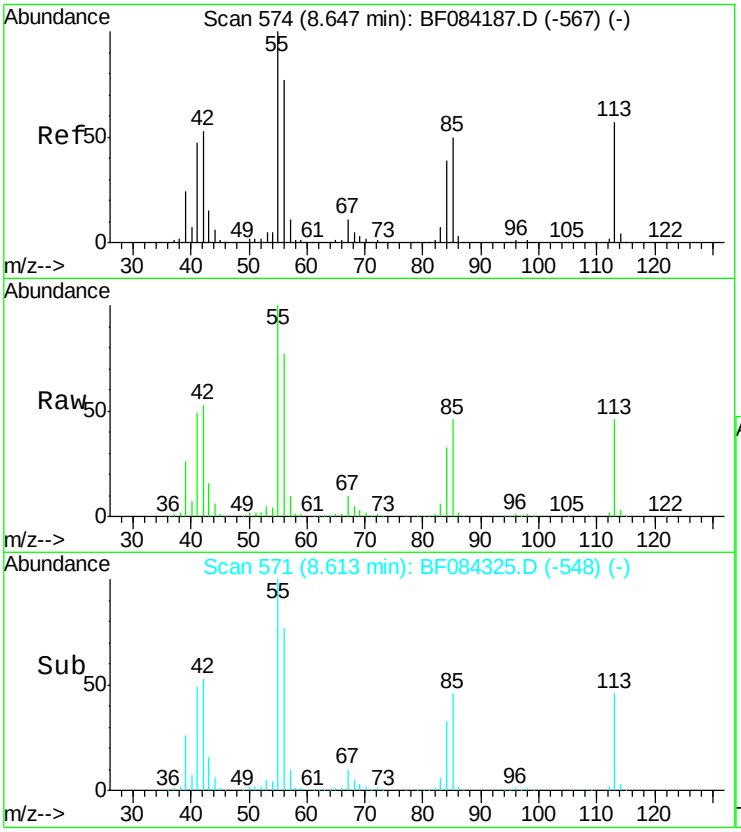


#34
Hexachlorobutadiene
Concen: 41.08 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:225 Resp: 455075

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	66.5	50.8	76.2

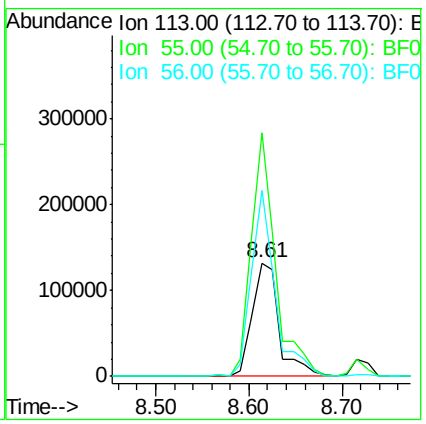




#35
Caprolactam
Concen: 41.98 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

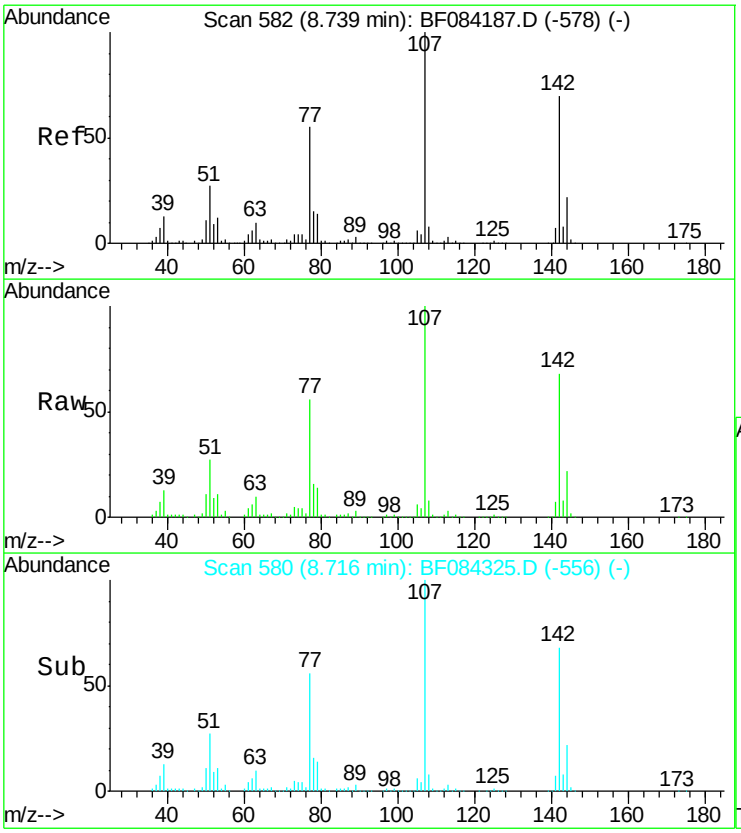
Tgt Ion:113 Resp: 264162

Ion	Ratio	Lower	Upper
113	100		
55	215.3	116.9	156.9#
56	164.7	93.8	133.8#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

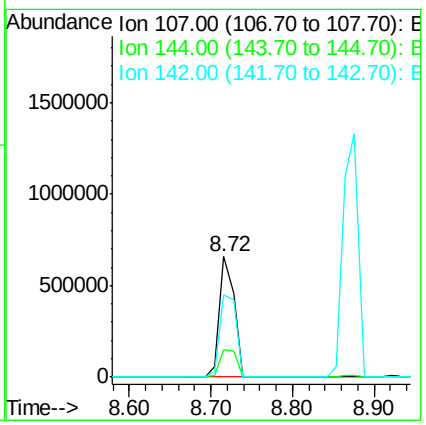
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

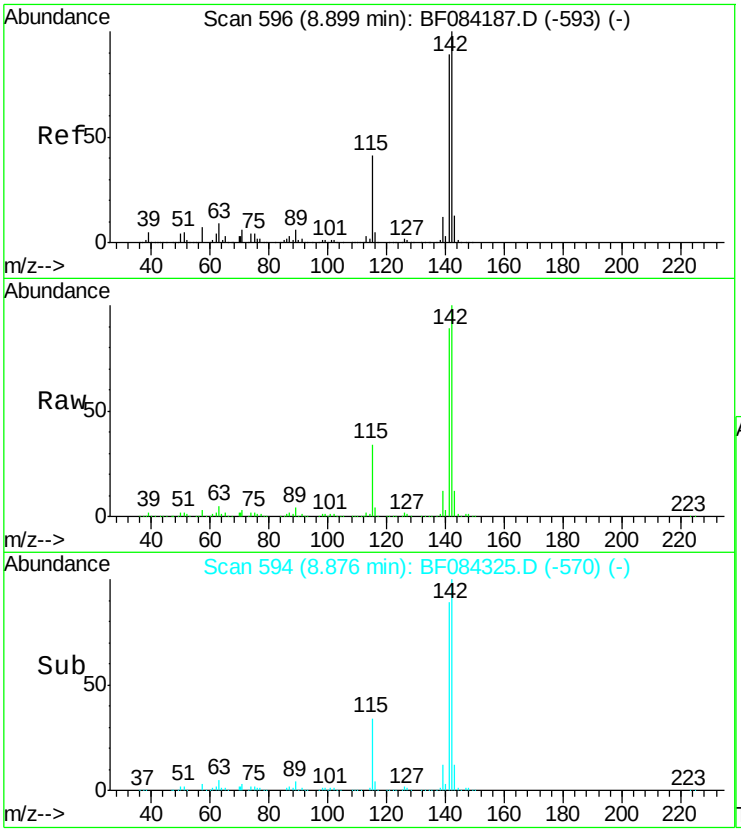


#36
4-Chloro-3-methylphenol
Concen: 38.74 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:107 Resp: 810022

Ion	Ratio	Lower	Upper
107	100		
144	22.4	19.7	29.5
142	68.3	61.8	92.6

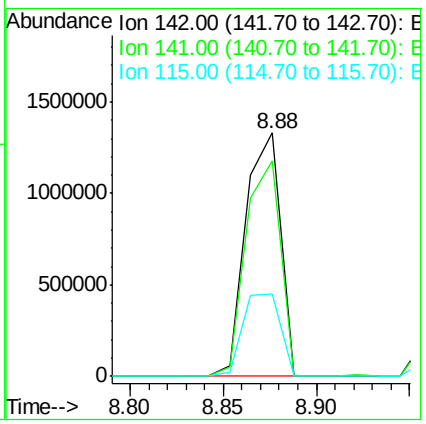




#37
2-Methylnaphthalene
Concen: 39.38 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

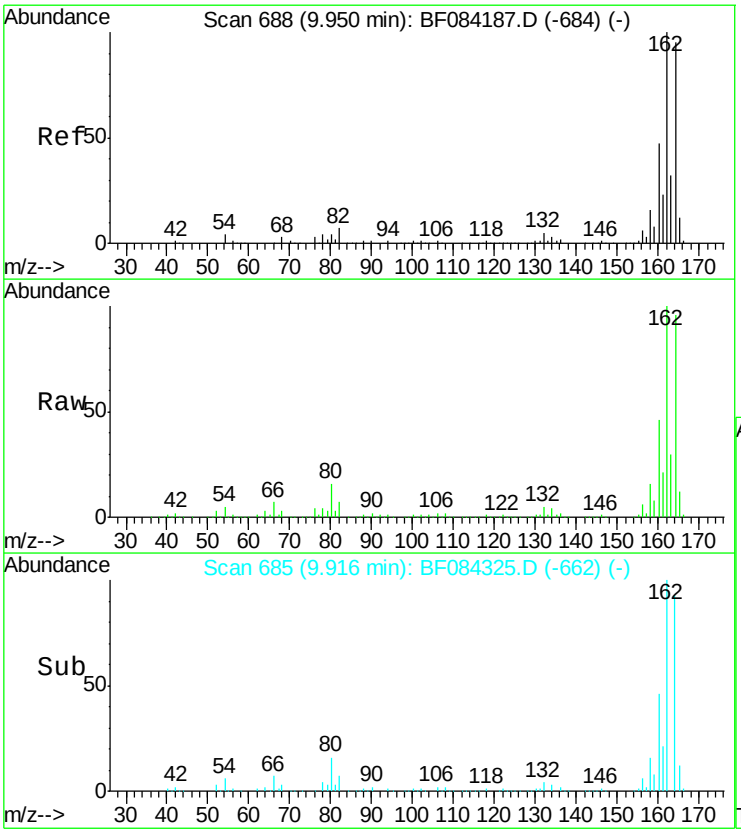
Tgt Ion:142 Resp: 1711816

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.4	108.6
115	33.9	27.9	41.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

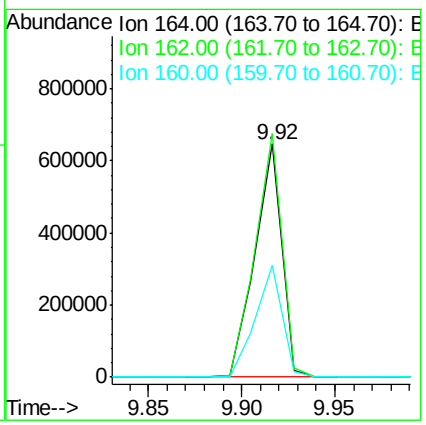
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

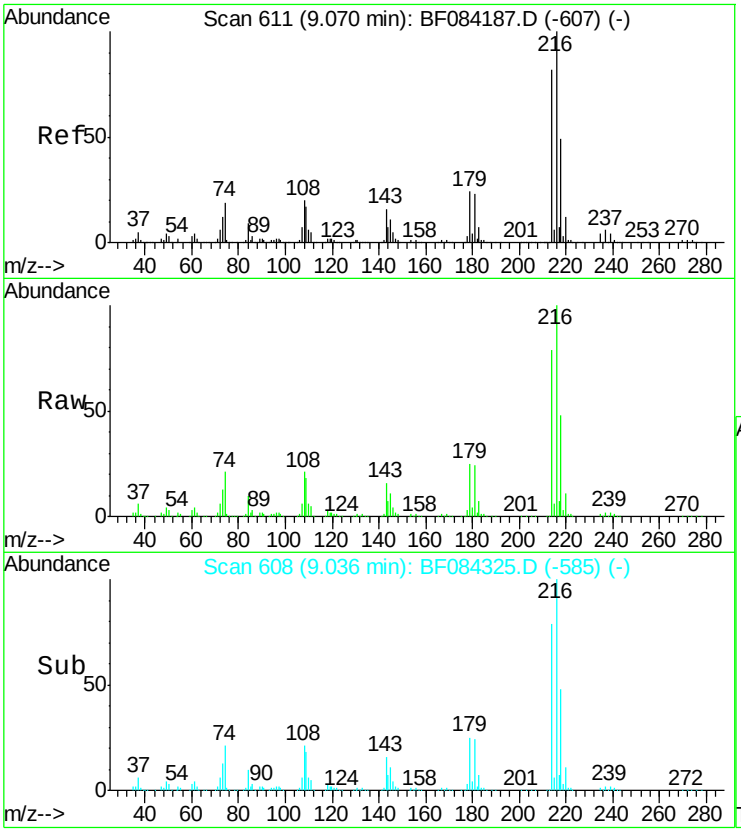


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:164 Resp: 641796

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.1	127.7
160	47.9	37.5	56.3

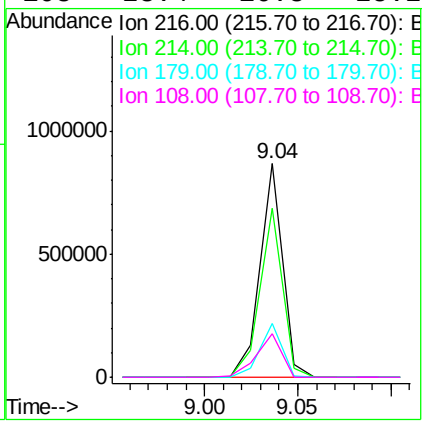




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.97 ng
RT: 9.04 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

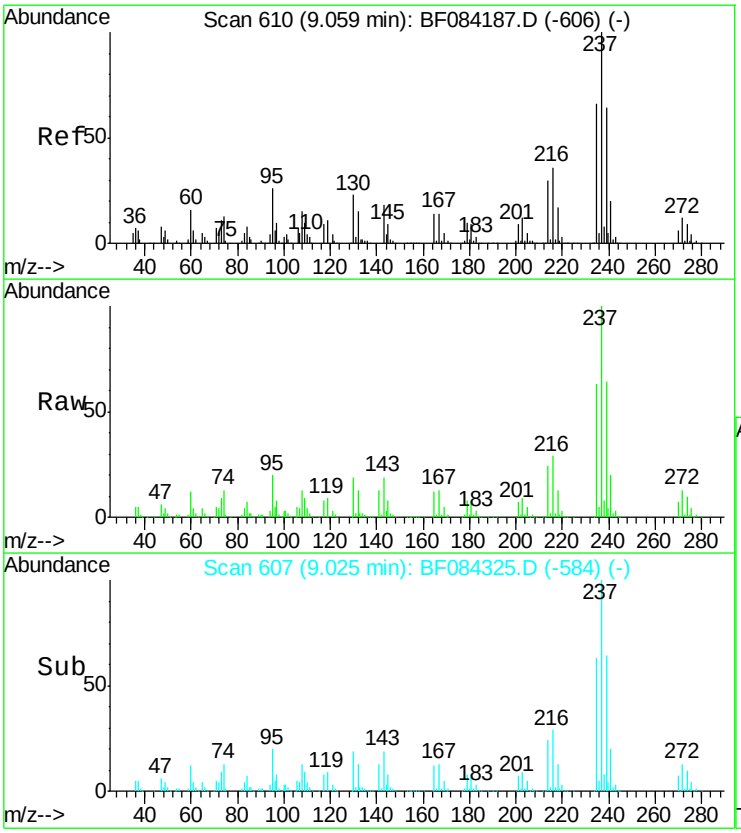
Tgt Ion:216 Resp: 719111

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.2	96.2
179	24.9	18.7	28.1
108	23.4	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

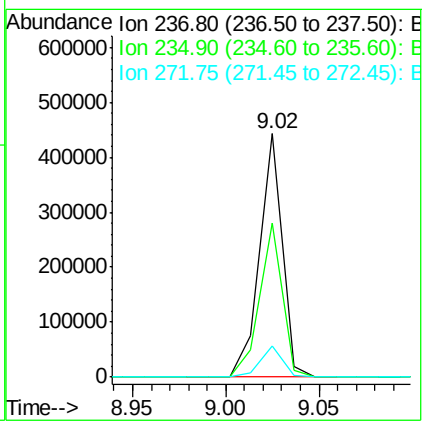
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

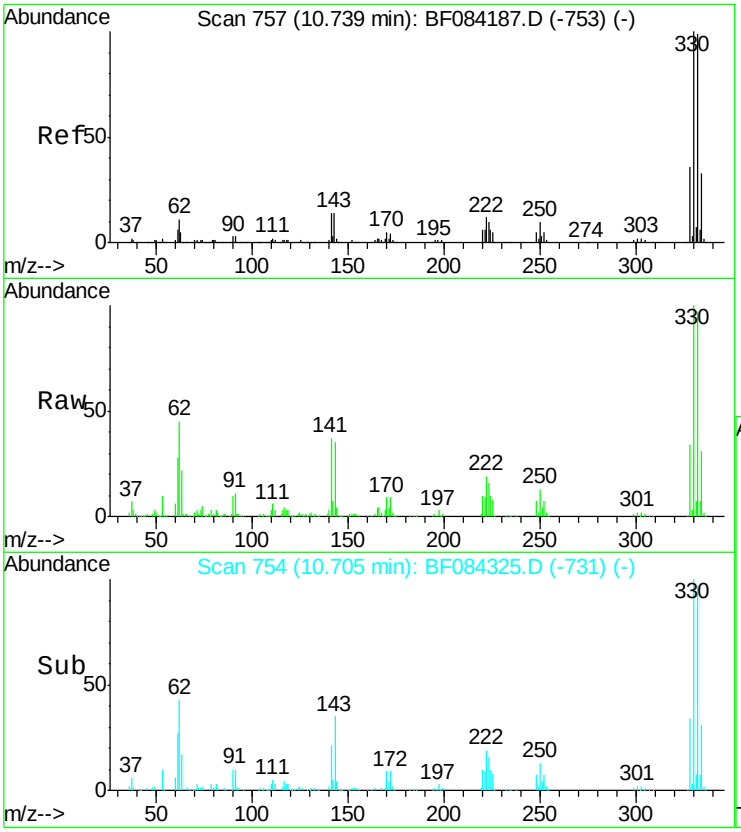


#40
Hexachlorocyclopentadiene
Concen: 33.23 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:237 Resp: 370064

Ion	Ratio	Lower	Upper
237	100		
235	63.3	43.1	83.1
272	13.0	0.0	35.1

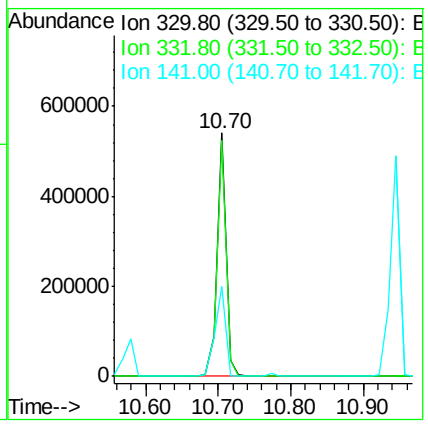




#41
2,4,6-Tribromophenol
Concen: 71.63 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

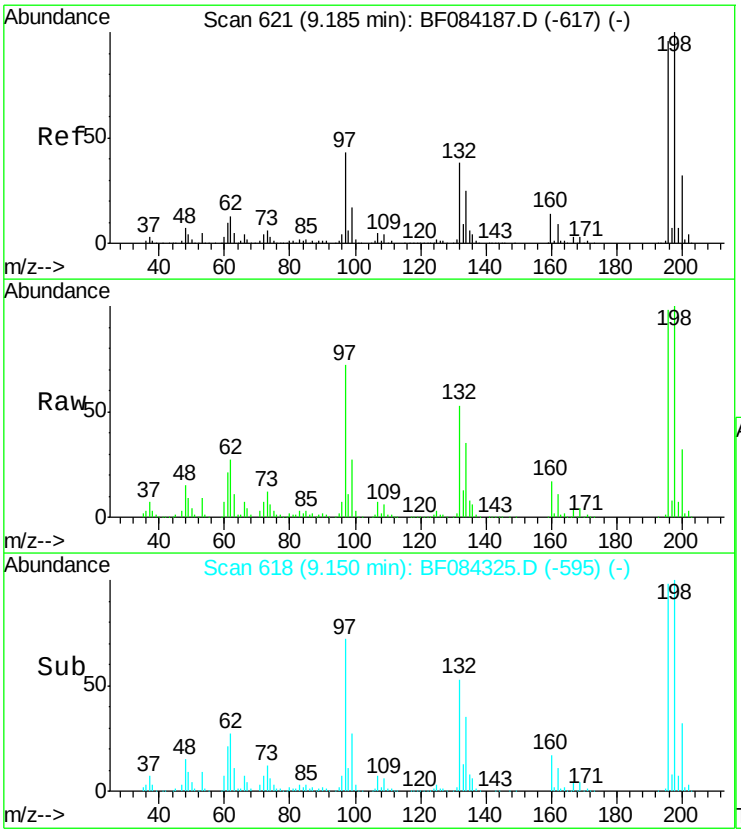
Tgt Ion:330 Resp: 464119

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	43.0	27.8	41.6#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

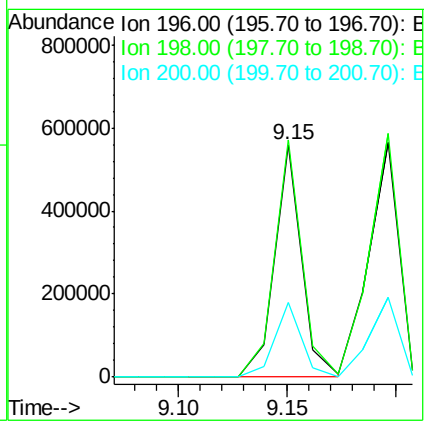
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

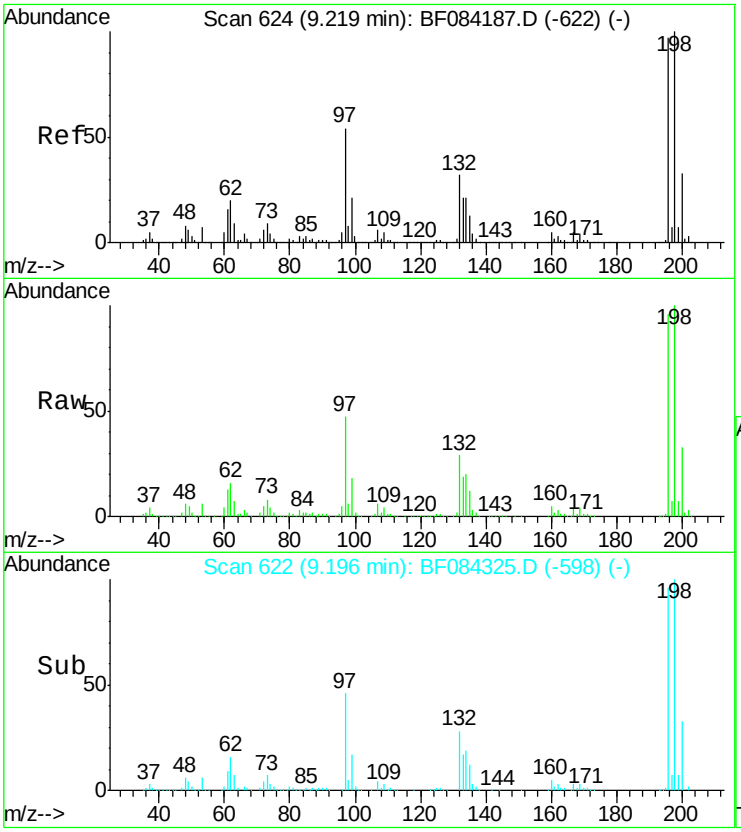


#42
2,4,6-Trichlorophenol
Concen: 35.40 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:196 Resp: 488693

Ion	Ratio	Lower	Upper
196	100		
198	101.9	77.7	116.5
200	32.2	24.6	37.0

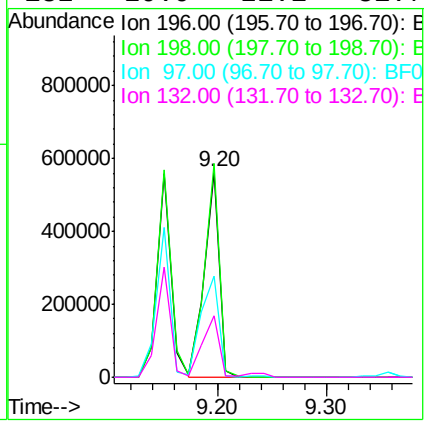




#43
2,4,5-Trichlorophenol
Concen: 40.97 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

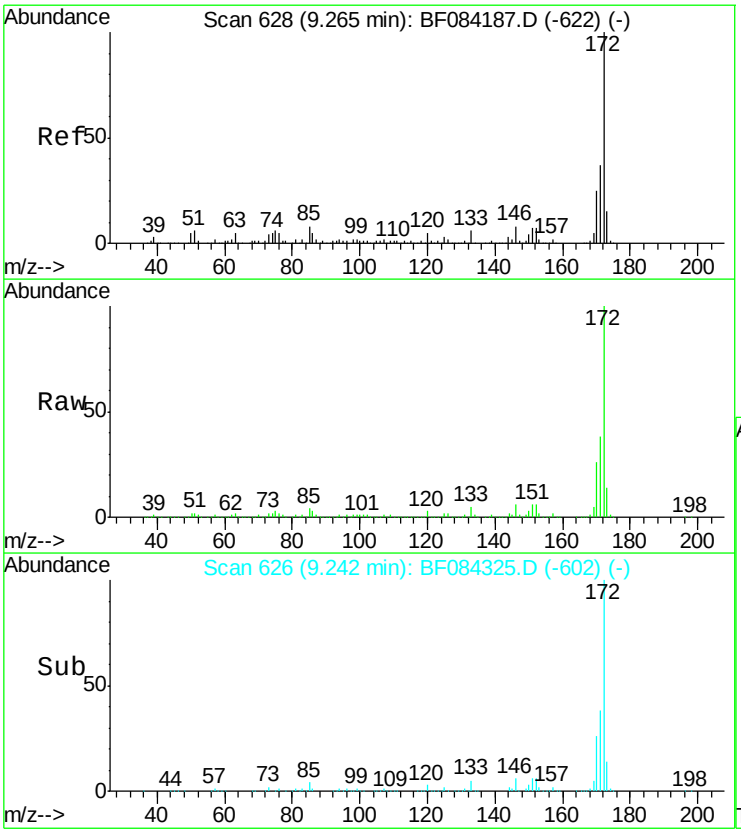
Tgt Ion:196 Resp: 542167

Ion	Ratio	Lower	Upper
196	100		
198	104.0	79.0	118.6
97	49.2	33.0	49.6
132	29.9	21.1	31.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

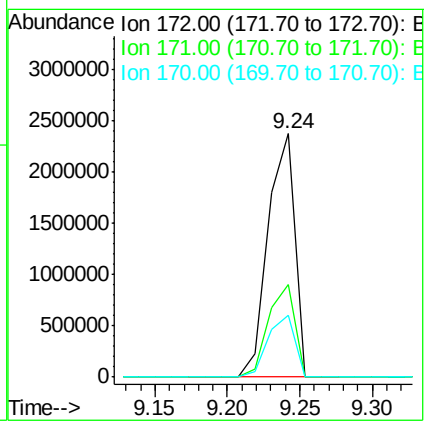
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

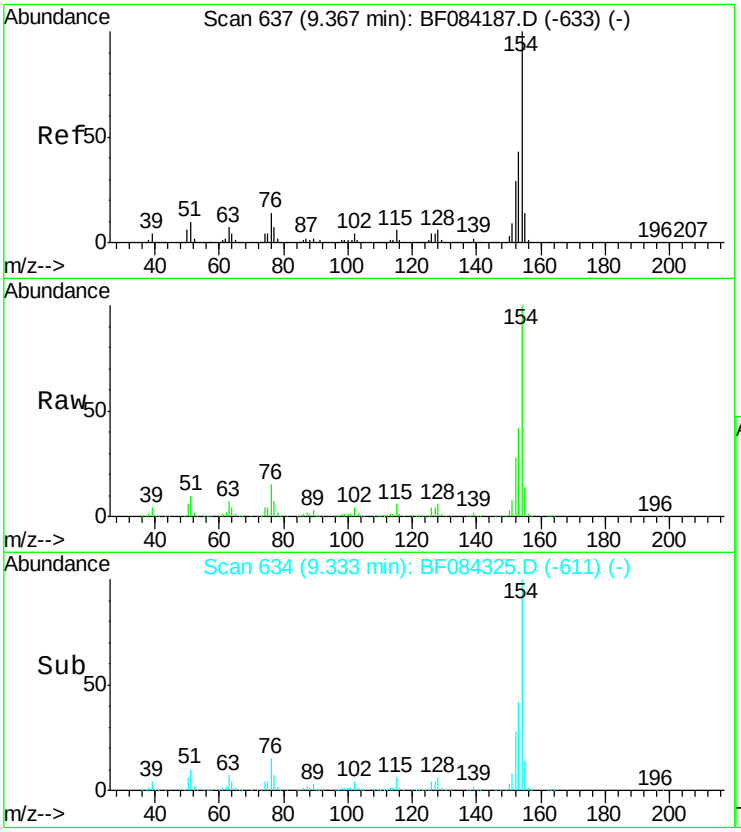


#44
2-Fluorobiphenyl
Concen: 82.48 ng
RT: 9.24 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:172 Resp: 3016027

Ion	Ratio	Lower	Upper
172	100		
171	38.0	28.9	43.3
170	25.6	18.6	27.8

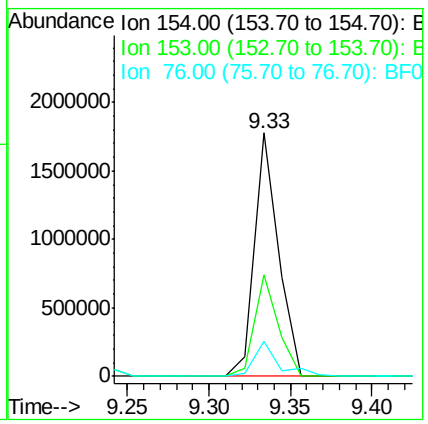




#45
1,1'-Biphenyl
Concen: 35.53 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

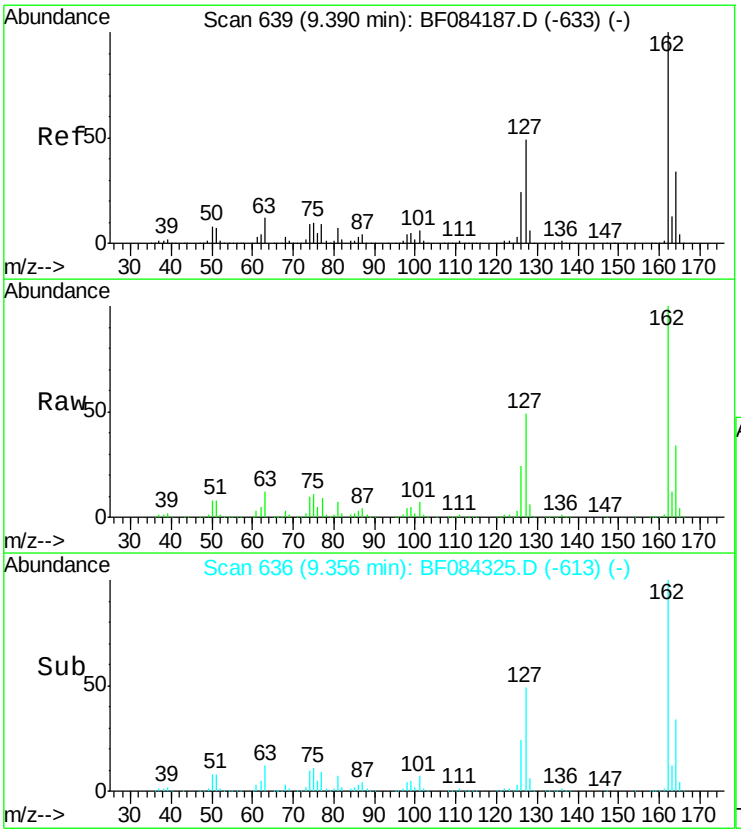
Tgt Ion:154 Resp: 1812433

Ion	Ratio	Lower	Upper
154	100		
153	41.8	21.6	61.6
76	14.5	0.0	32.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

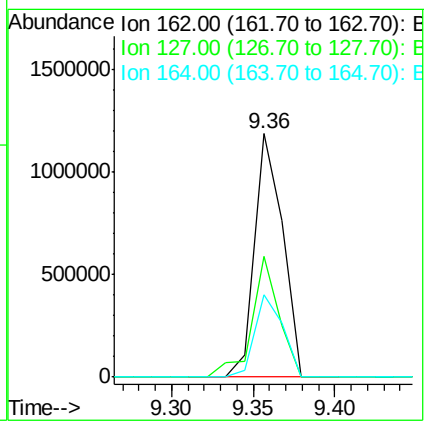
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

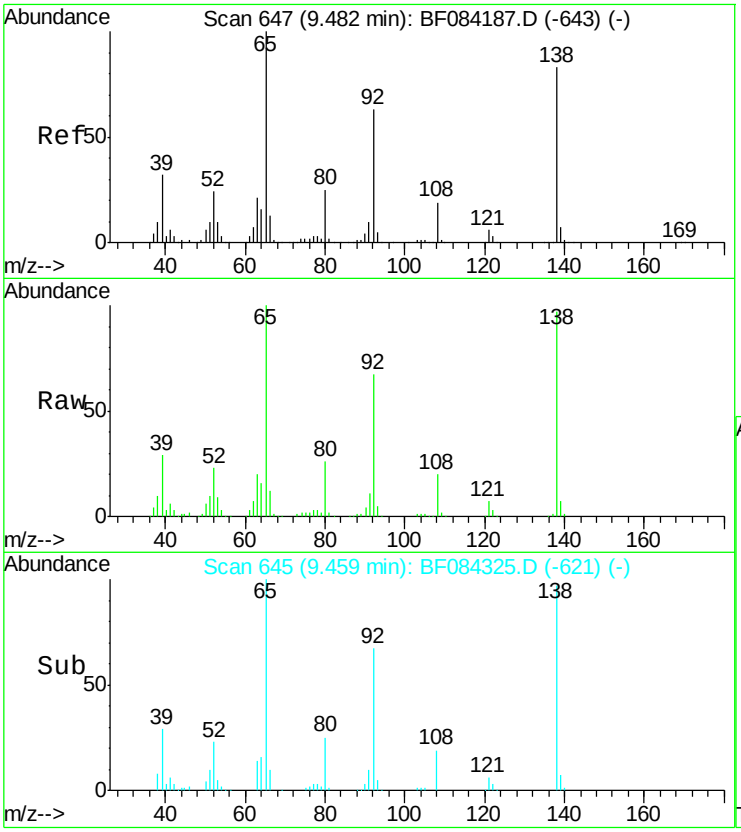


#46
2-Chloronaphthalene
Concen: 35.29 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:162 Resp: 1413764

Ion	Ratio	Lower	Upper
162	100		
127	49.4	40.2	60.4
164	33.6	25.7	38.5

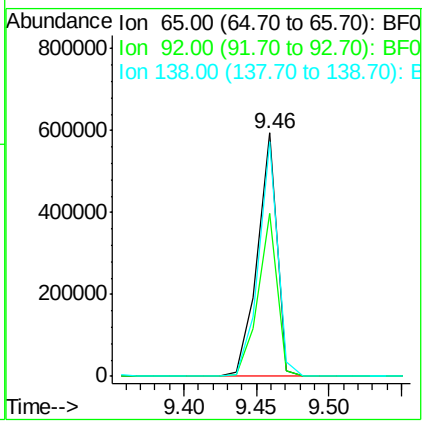




#47
2-Nitroaniline
Concen: 42.01 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

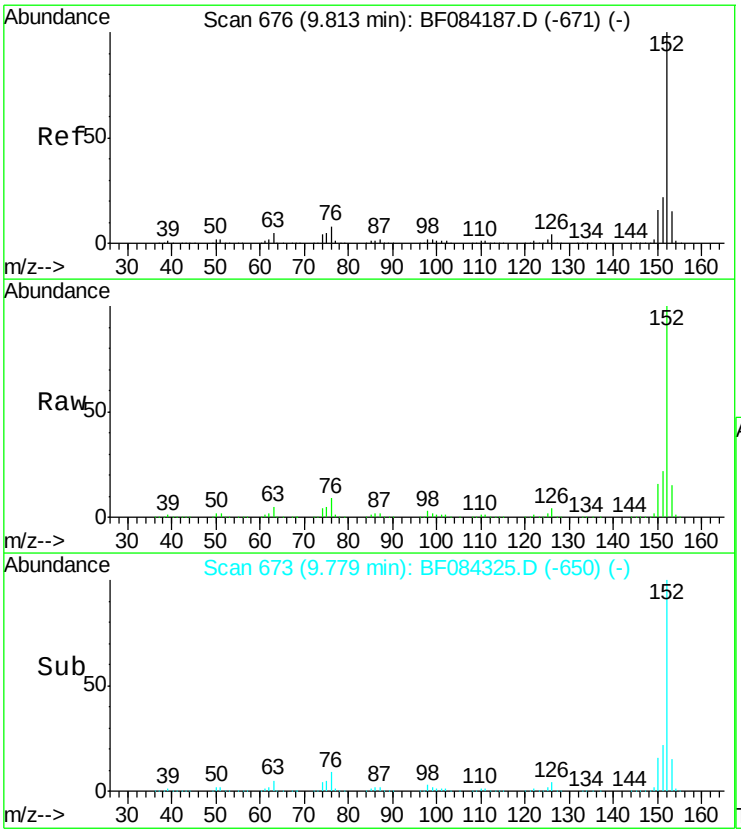
Tgt Ion: 65 Resp: 555577

Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.4	80.2
138	96.6	71.1	106.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

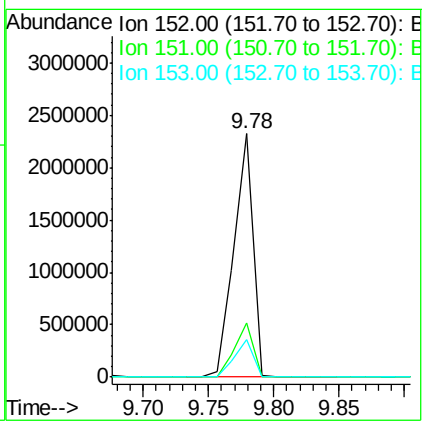
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

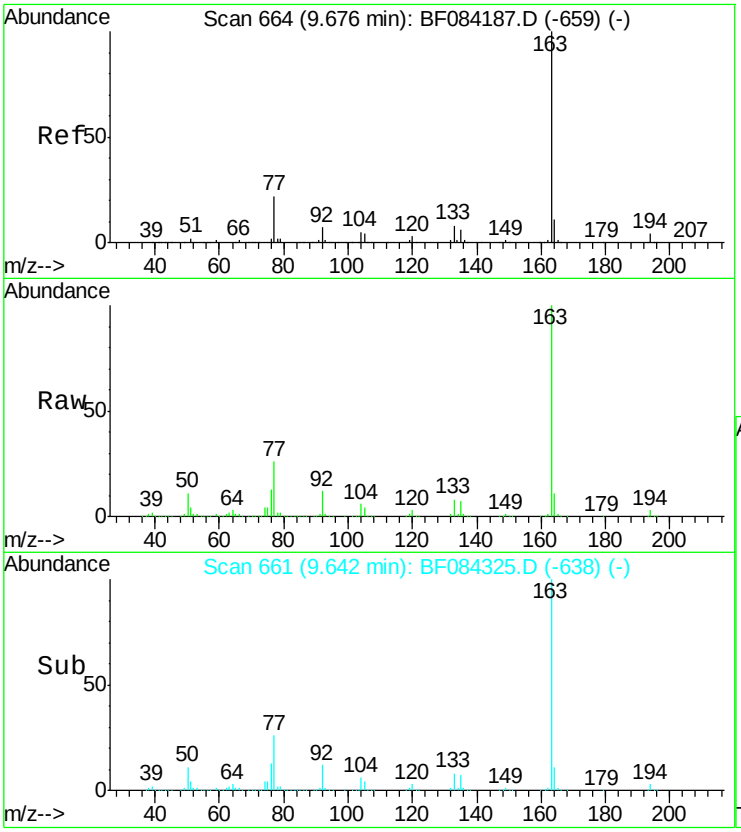


#48
Acenaphthylene
Concen: 39.62 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:152 Resp: 2344974

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	15.2	10.4	15.6

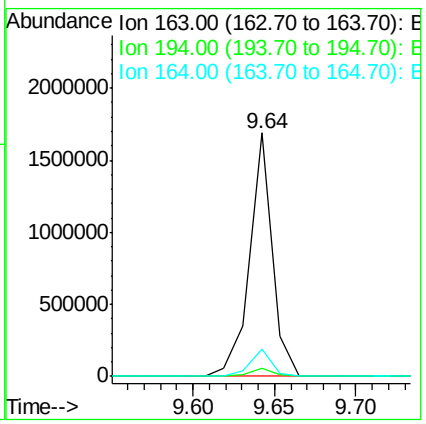




#49
Dimethylphthalate
Concen: 35.50 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

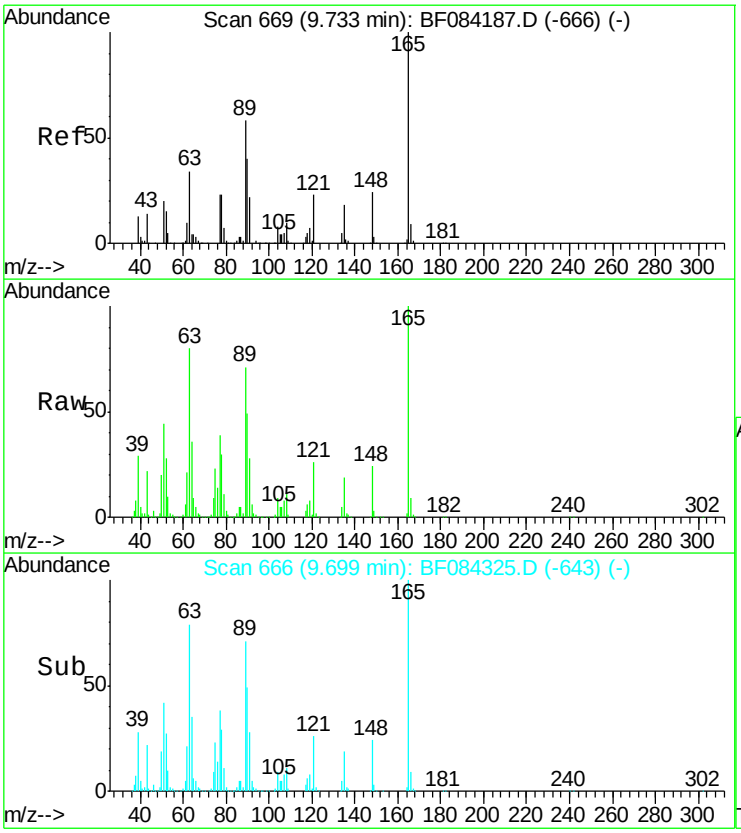
Tgt Ion:163 Resp: 1628920

Ion	Ratio	Lower	Upper
163	100		
194	3.4	8.0	12.0#
164	11.2	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

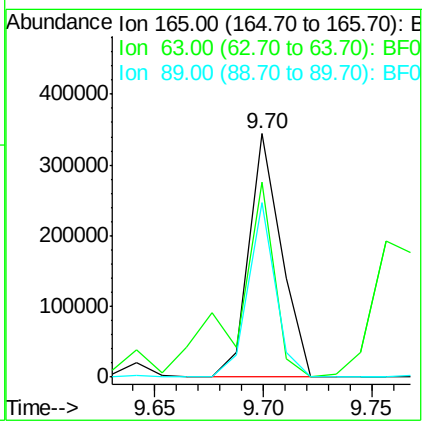
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

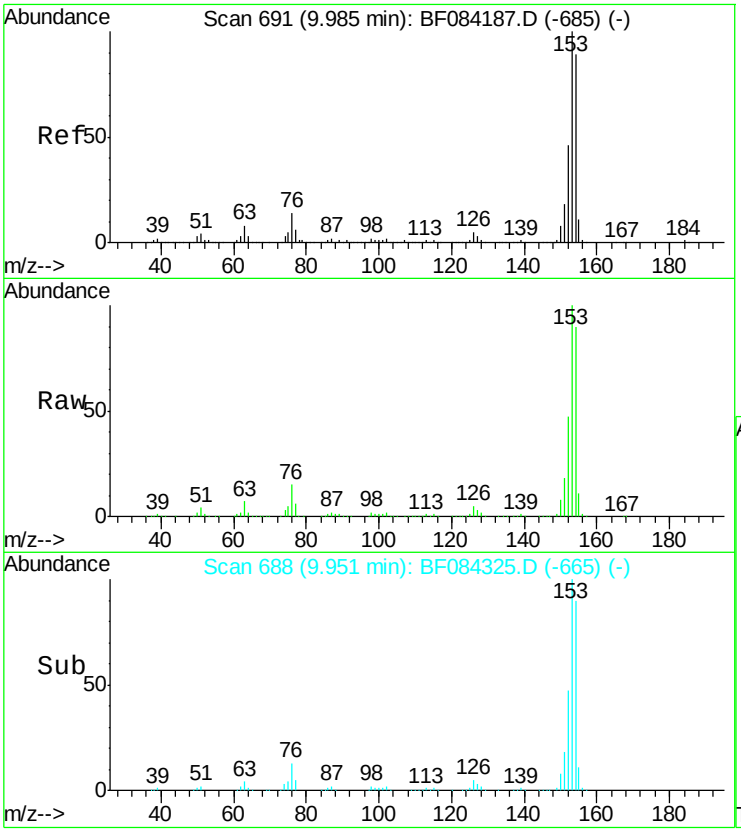


#50
2,6-Dinitrotoluene
Concen: 35.45 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:165 Resp: 356786

Ion	Ratio	Lower	Upper
165	100		
63	80.3	28.8	43.2#
89	71.5	35.1	52.7#

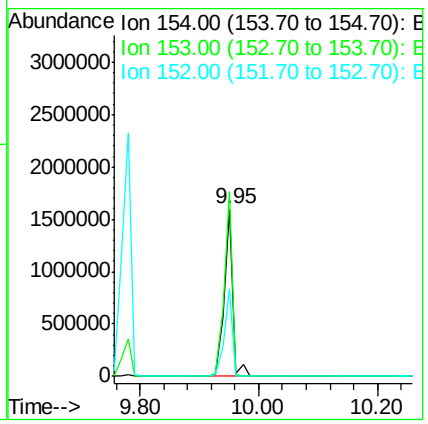




#51
Acenaphthene
Concen: 40.59 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

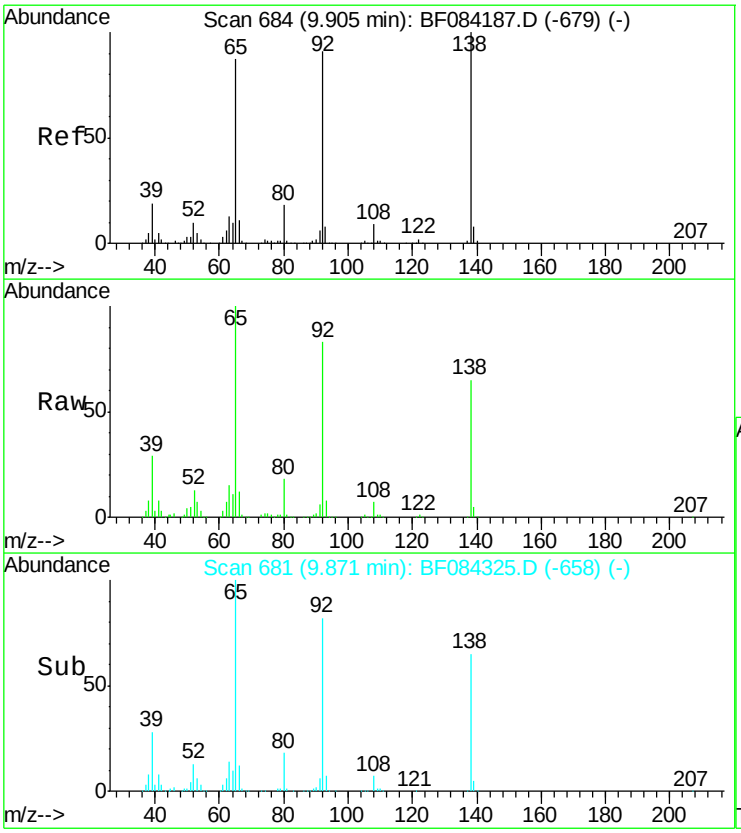
Tgt Ion:154 Resp: 1611735

Ion	Ratio	Lower	Upper
154	100		
153	110.8	91.5	137.3
152	52.3	43.0	64.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

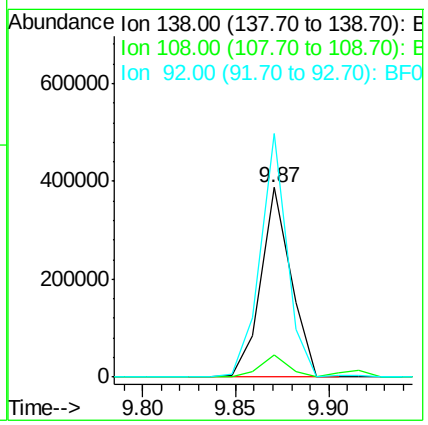
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

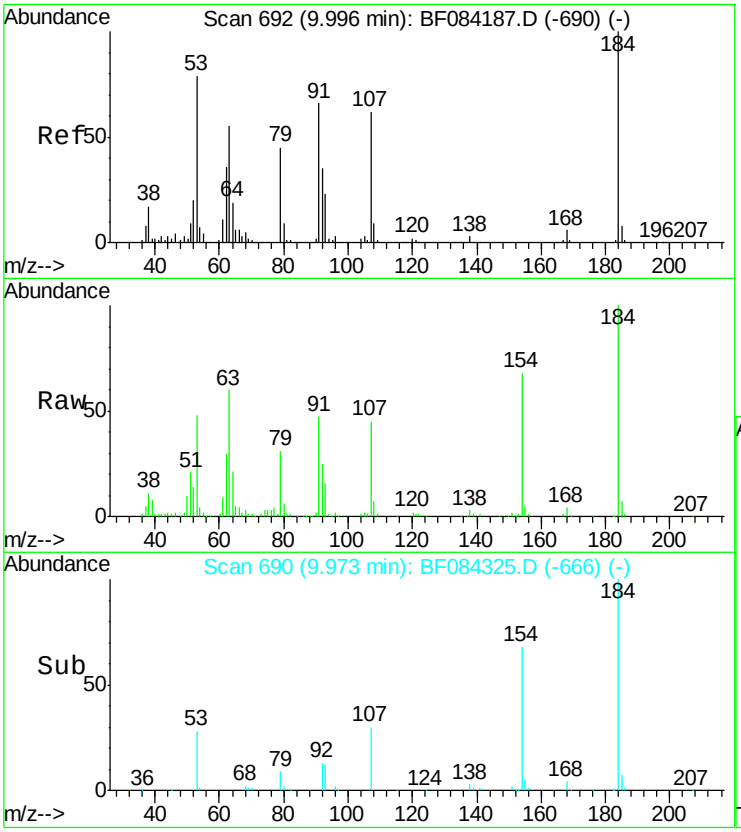


#52
3-Nitroaniline
Concen: 34.74 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:138 Resp: 433225

Ion	Ratio	Lower	Upper
138	100		
108	11.4	10.5	15.7
92	128.3	103.9	155.9

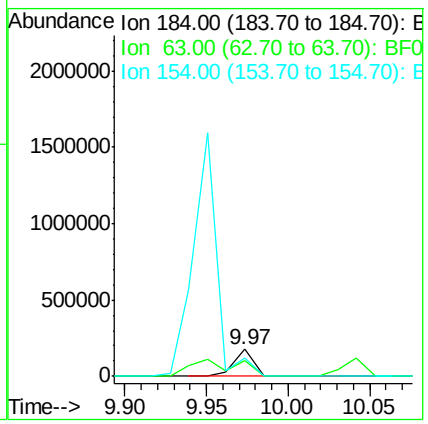




#53
2,4-Dinitrophenol
Concen: 36.18 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

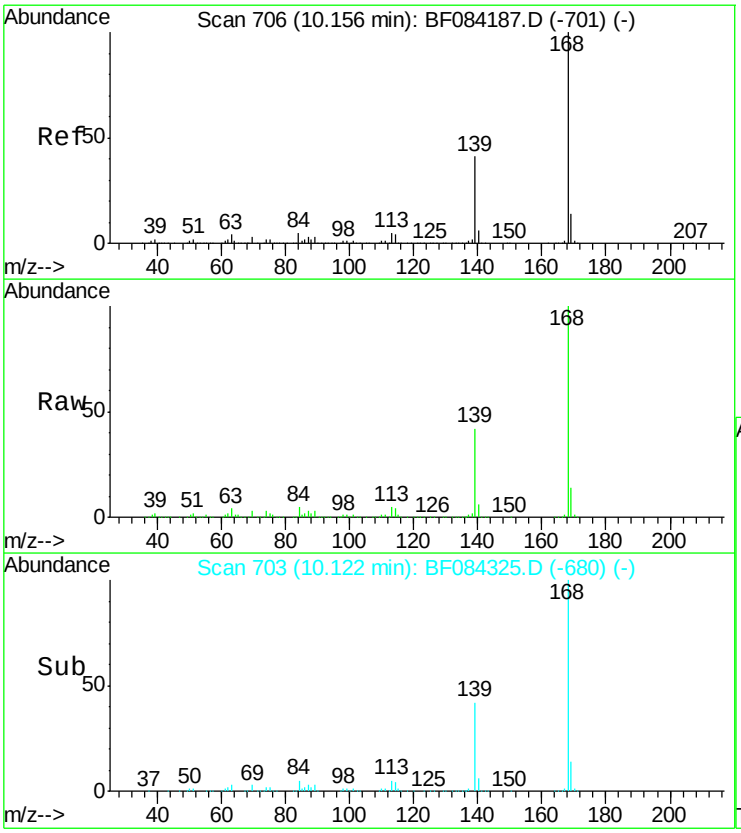
Tgt Ion:184 Resp: 146337

Ion	Ratio	Lower	Upper
184	100		
63	59.9	43.1	64.7
154	67.6	60.5	90.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

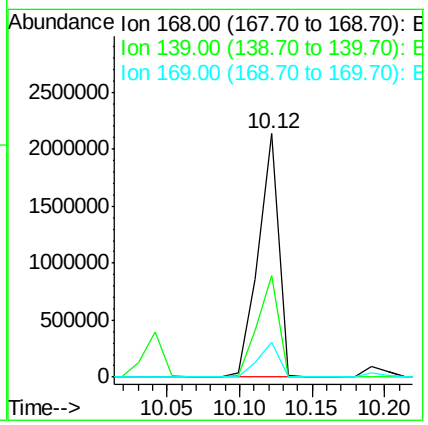
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

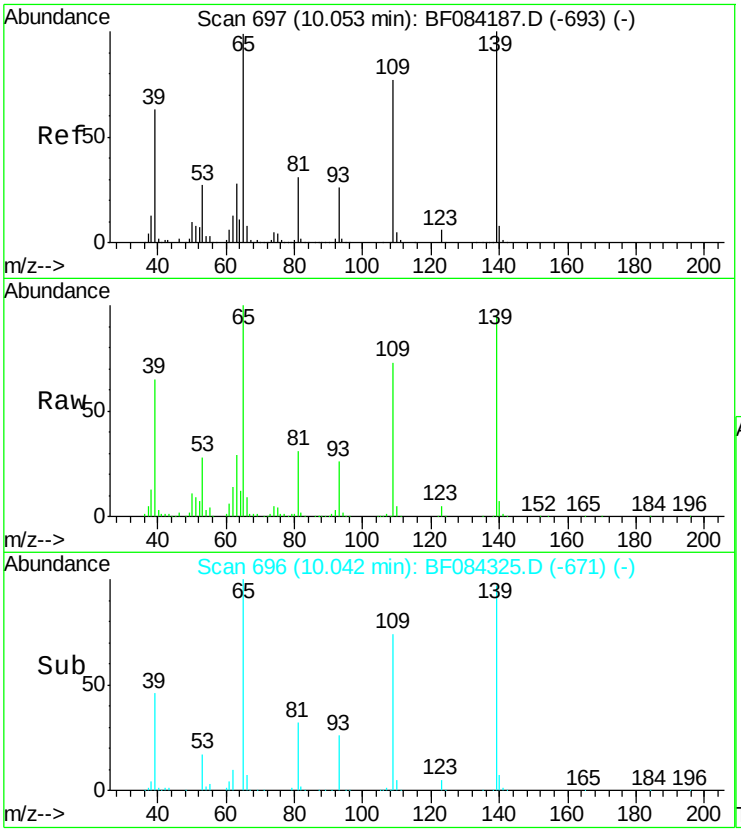


#54
Dibenzofuran
Concen: 40.34 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:168 Resp: 2090384

Ion	Ratio	Lower	Upper
168	100		
139	41.9	30.5	45.7
169	14.2	10.4	15.6

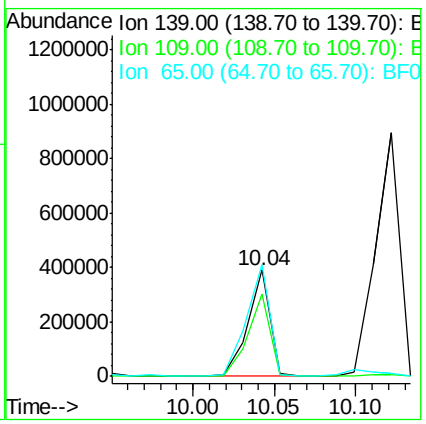




#55
4-Nitrophenol
Concen: 40.37 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

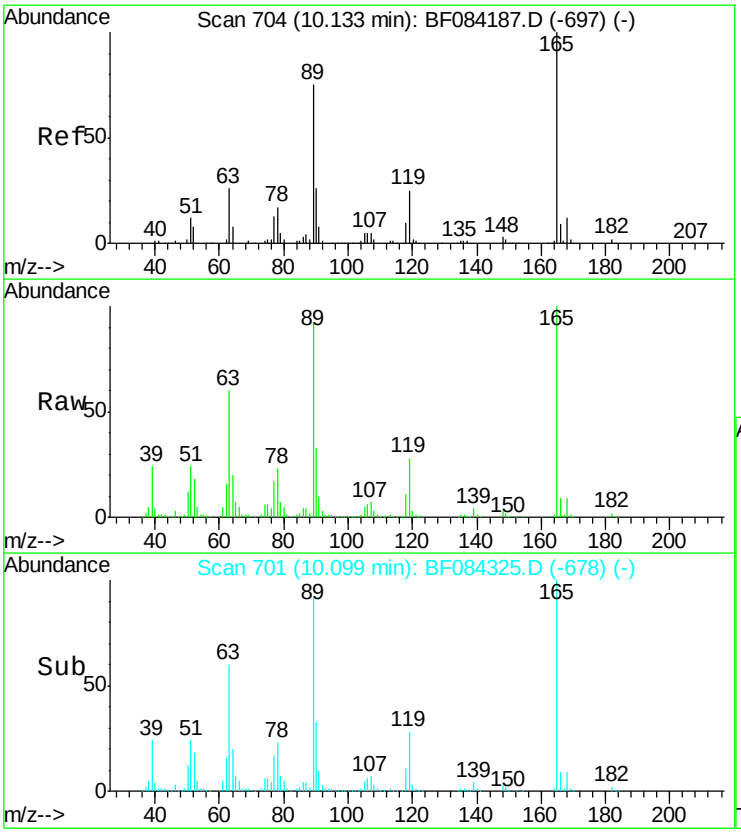
Tgt Ion:139 Resp: 365375

Ion	Ratio	Lower	Upper
139	100		
109	76.8	58.5	98.5
65	105.6	57.6	97.6#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

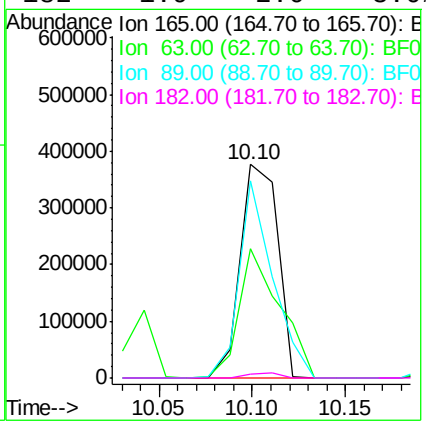
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

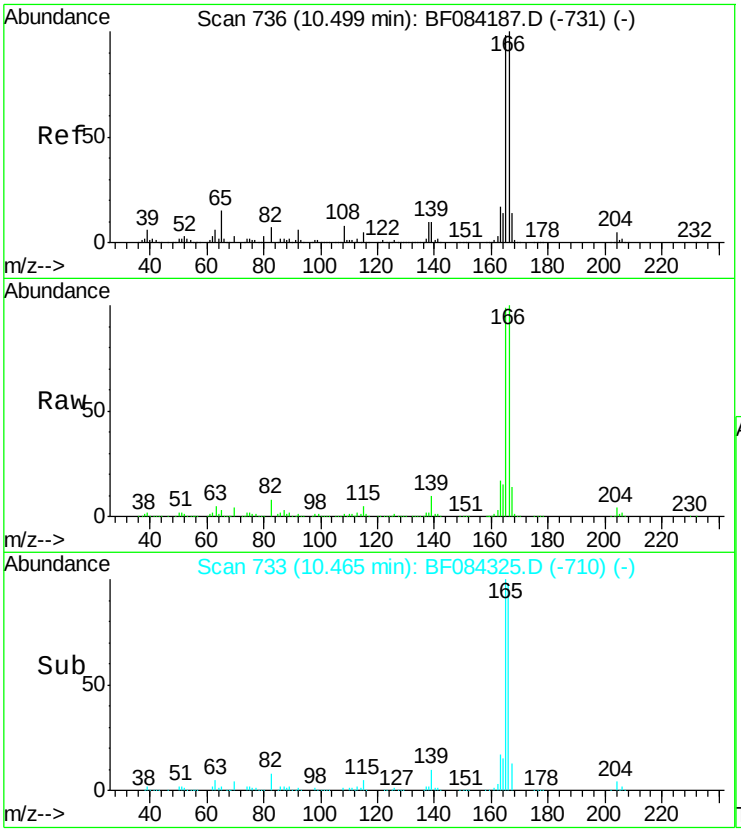


#56
2,4-Dinitrotoluene
Concen: 41.60 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:165 Resp: 529858

Ion	Ratio	Lower	Upper
165	100		
63	60.3	36.7	55.1#
89	92.4	61.9	92.9
182	1.9	2.0	3.0#

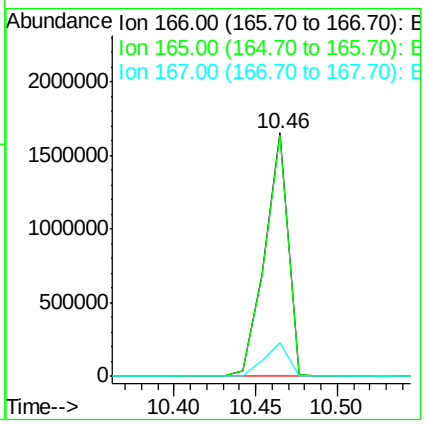




#57
Fluorene
Concen: 40.97 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

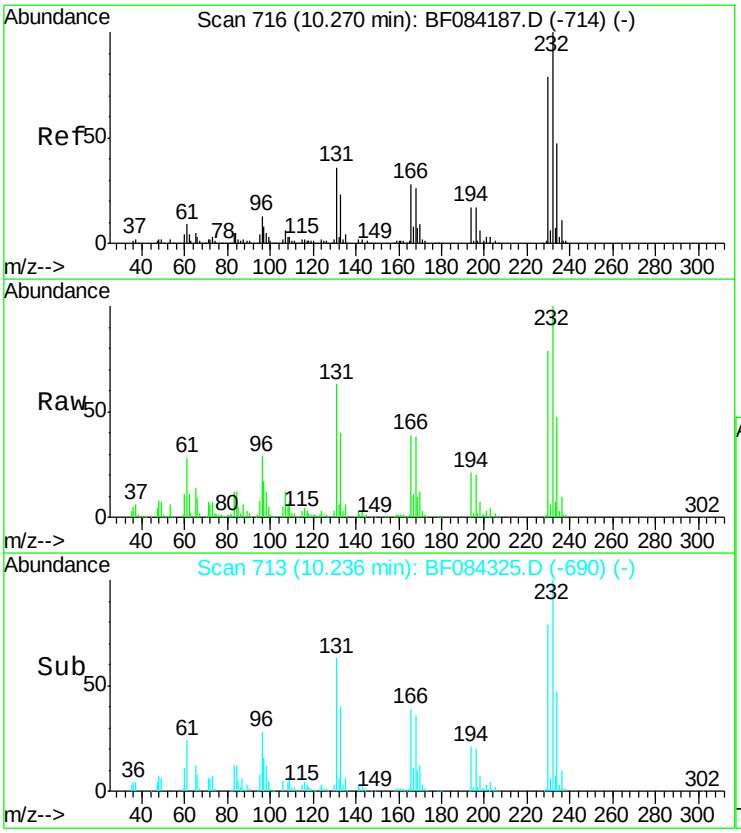
Tgt Ion:166 Resp: 1637549

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	14.0	10.4	15.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

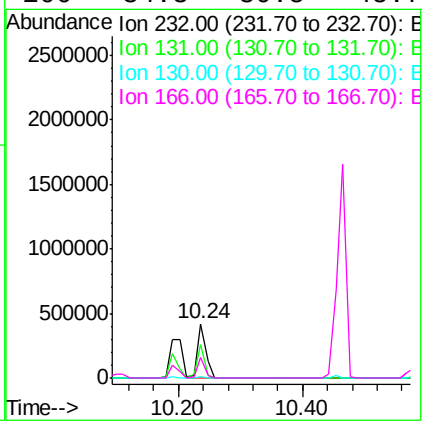
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

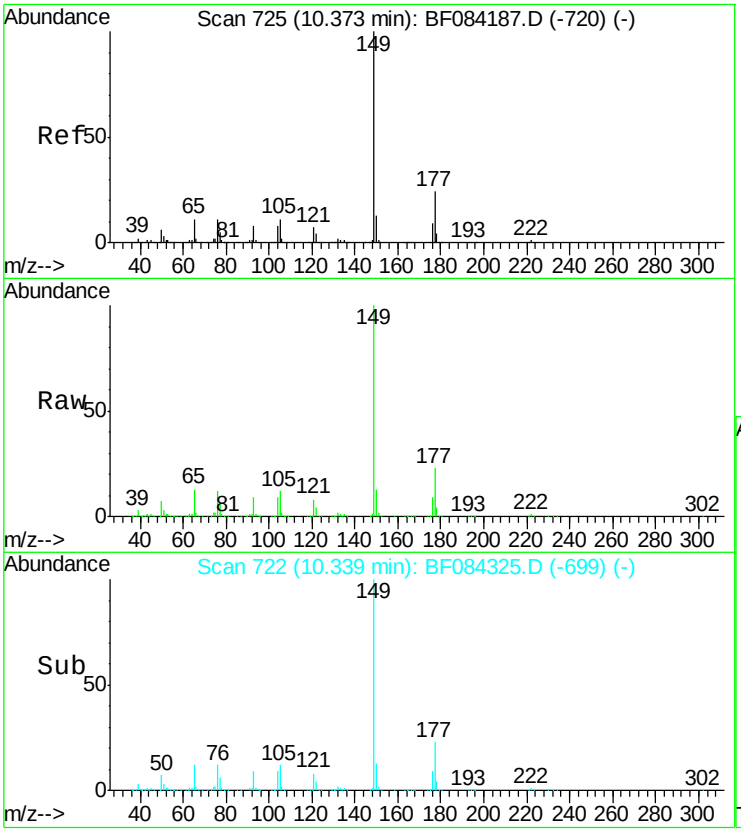


#58
2,3,4,6-Tetrachlorophenol
Concen: 35.32 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:232 Resp: 399092

Ion	Ratio	Lower	Upper
232	100		
131	53.6	47.0	70.6
130	2.6	2.0	3.0
166	34.3	30.5	45.7

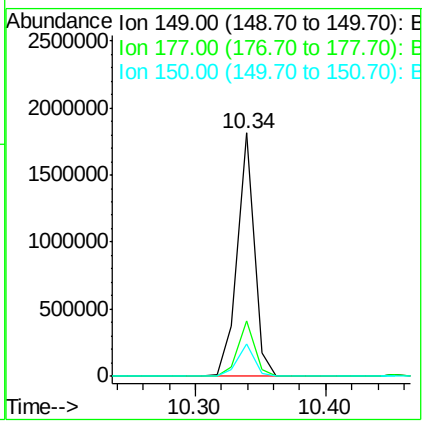




#59
Diethylphthalate
Concen: 36.02 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

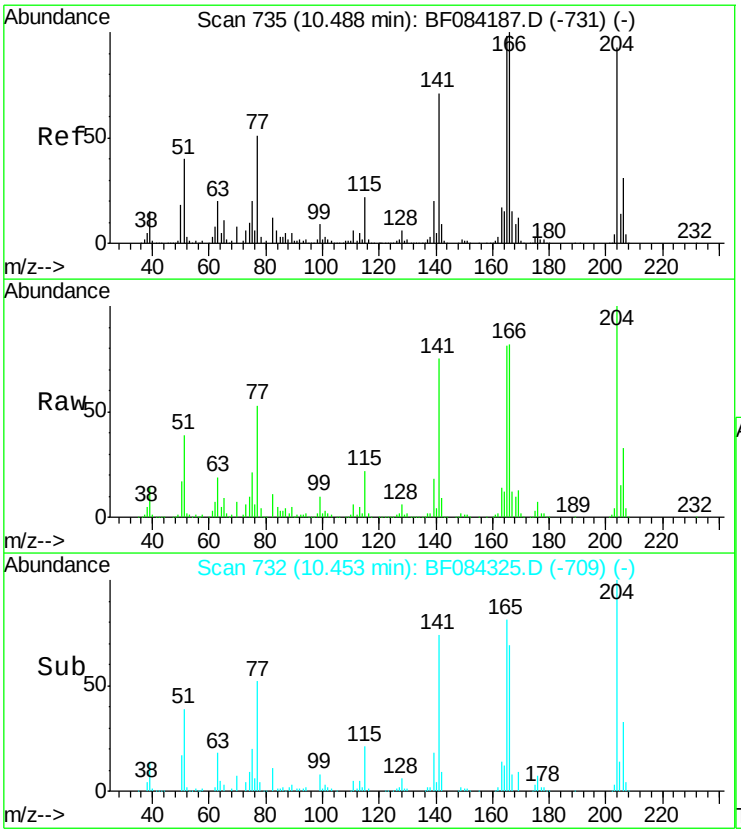
Tgt Ion:149 Resp: 1629348

Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.3	25.9
150	13.5	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

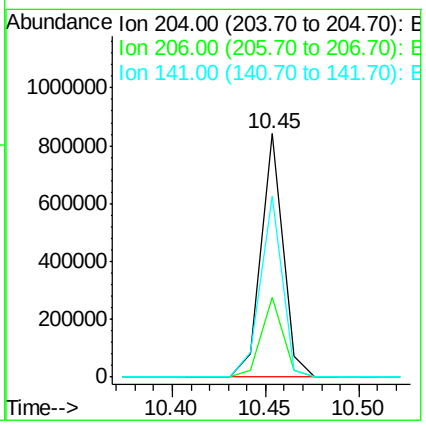
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

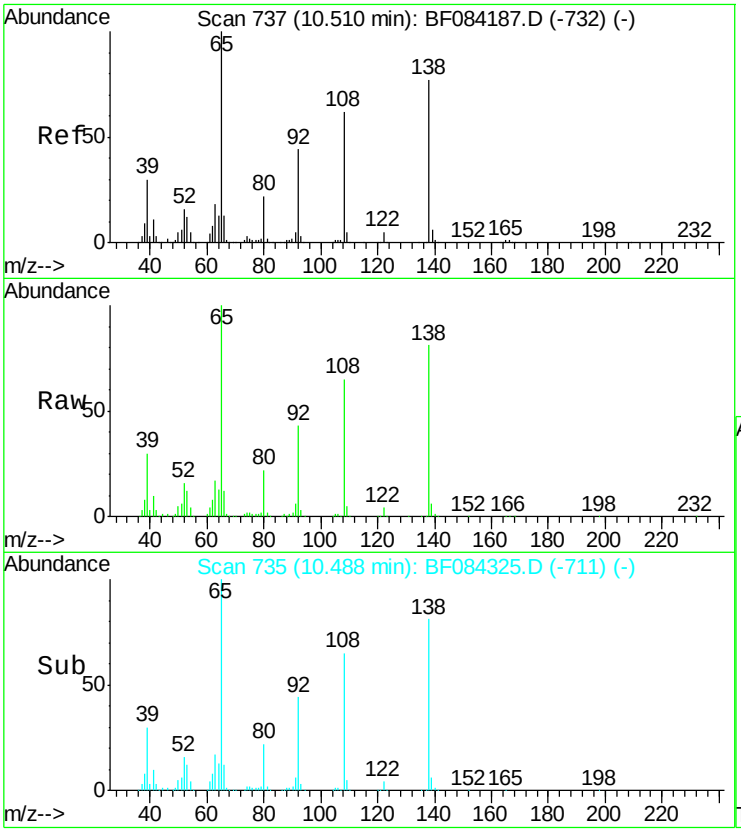


#60
4-Chlorophenyl-phenylether
Concen: 39.74 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:204 Resp: 682279

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.7	38.5
141	74.5	55.1	82.7

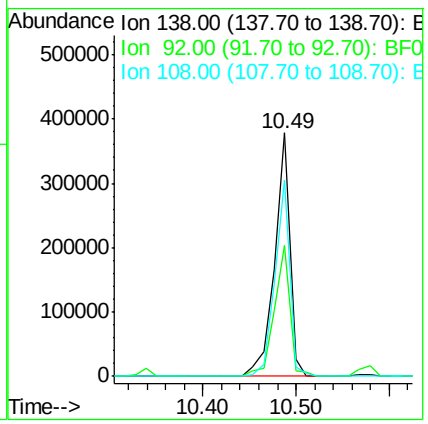




#61
4-Nitroaniline
Concen: 38.92 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

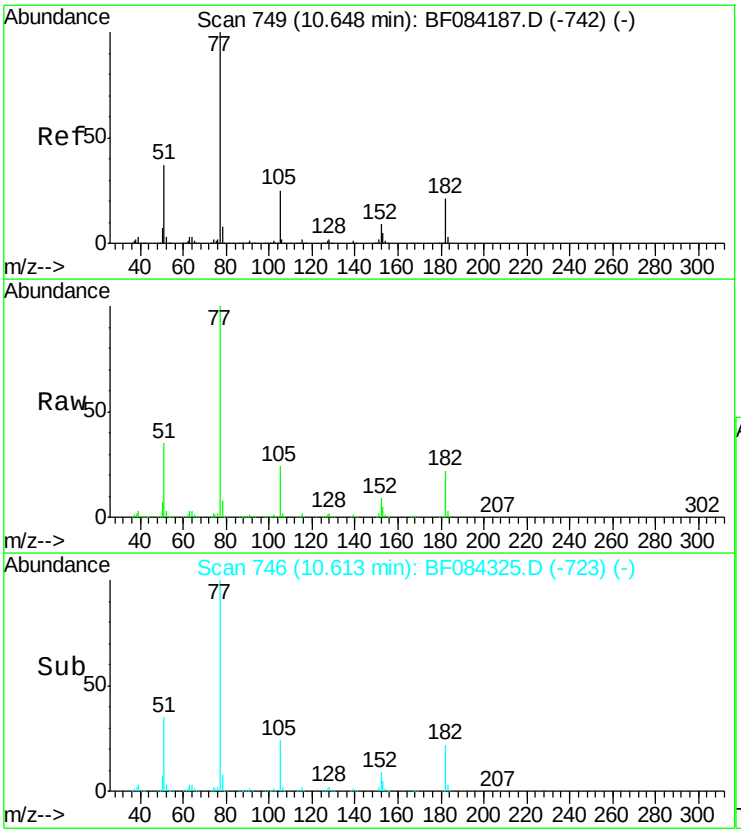
Tgt Ion:138 Resp: 432574

Ion	Ratio	Lower	Upper
138	100		
92	53.8	32.6	72.6
108	80.7	68.6	108.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

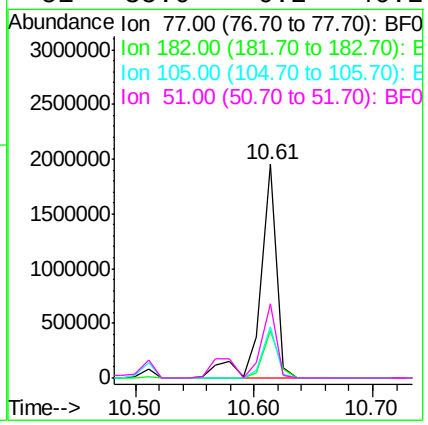
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

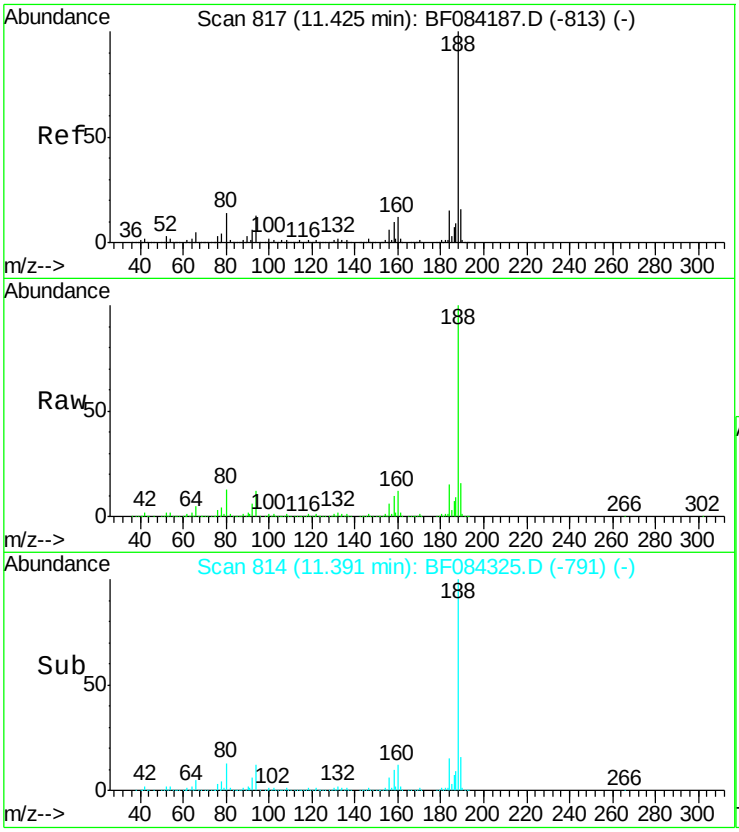


#62
Azobenzene
Concen: 37.31 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion: 77 Resp: 1851418

Ion	Ratio	Lower	Upper
77	100		
182	22.0	8.3	48.3
105	24.1	4.6	44.6
51	35.0	6.2	46.2

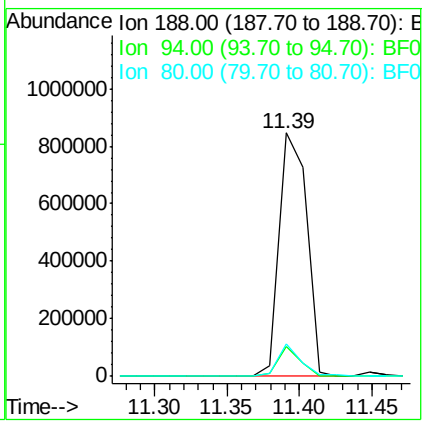




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

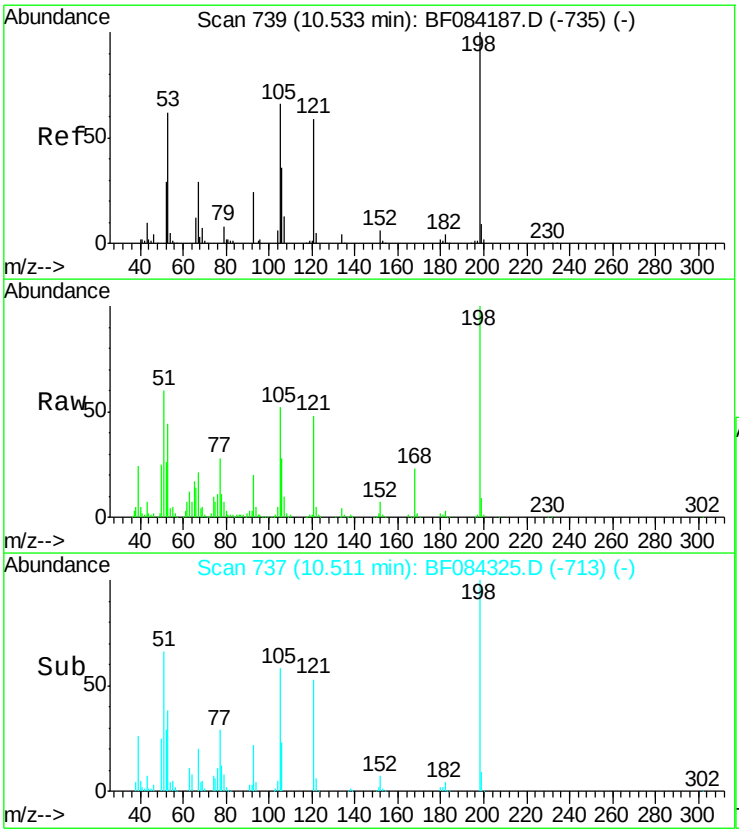
Tgt Ion:188 Resp: 1116808

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.4
80	13.2	9.6	14.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

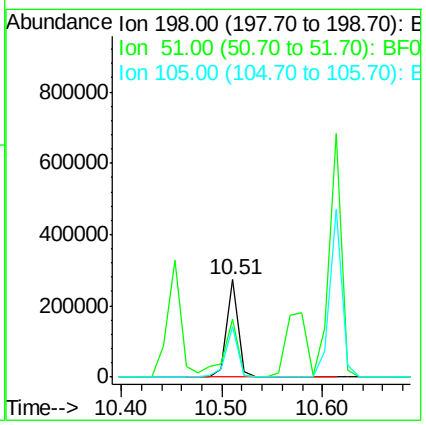
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

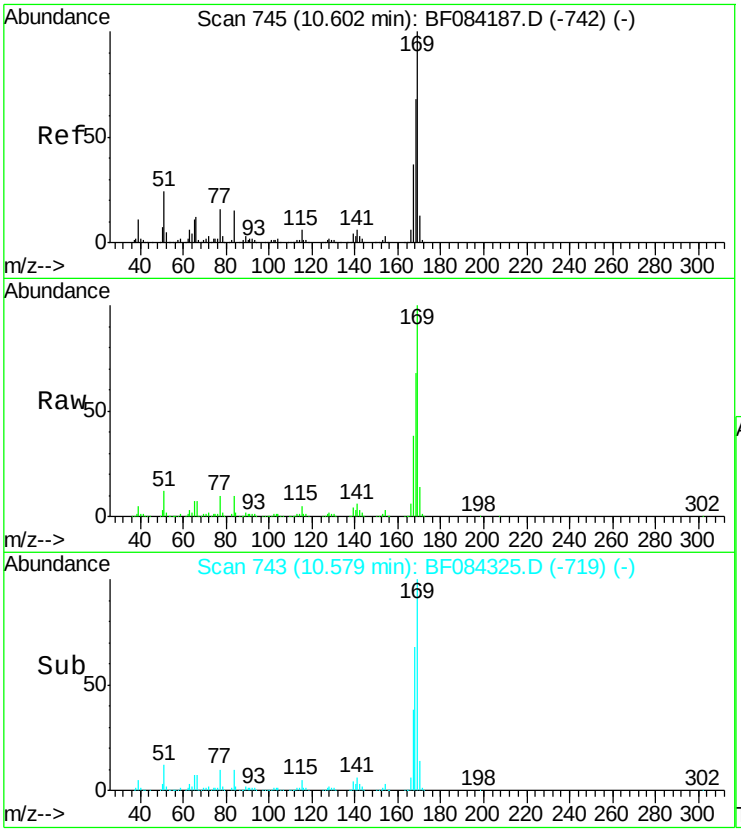


#64
4,6-Dinitro-2-methylphenol
Concen: 31.96 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:198 Resp: 215704

Ion	Ratio	Lower	Upper
198	100		
51	59.8	18.9	58.9#
105	52.4	26.4	66.4

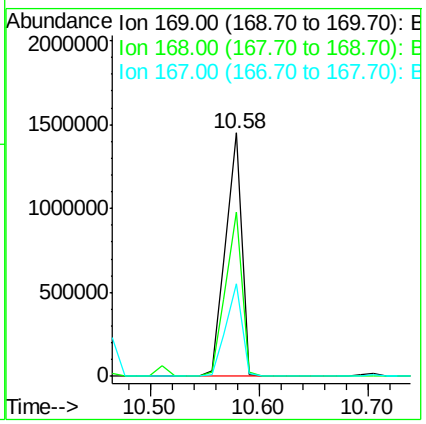




#65
n-Nitrosodiphenylamine
Concen: 42.00 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

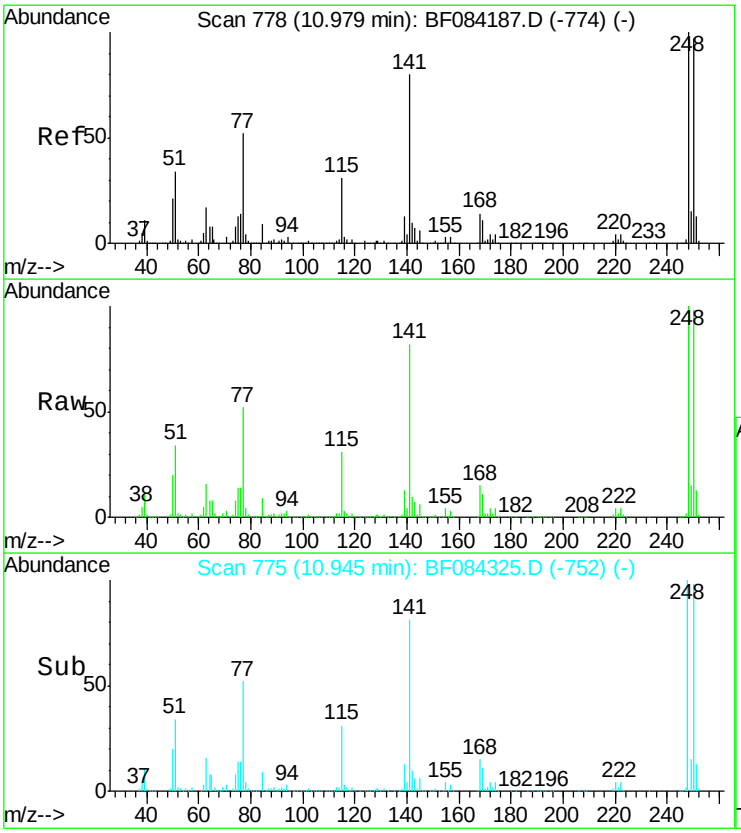
Tgt Ion:169 Resp: 1499562

Ion	Ratio	Lower	Upper
169	100		
168	67.6	55.1	82.7
167	38.3	30.0	45.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

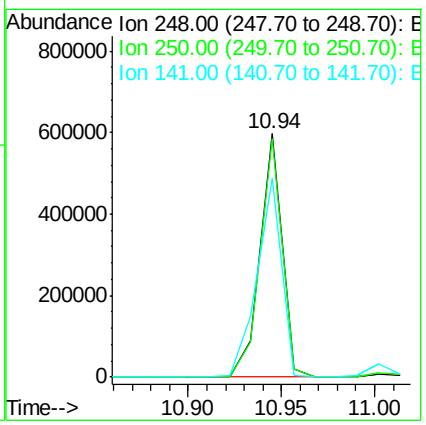
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

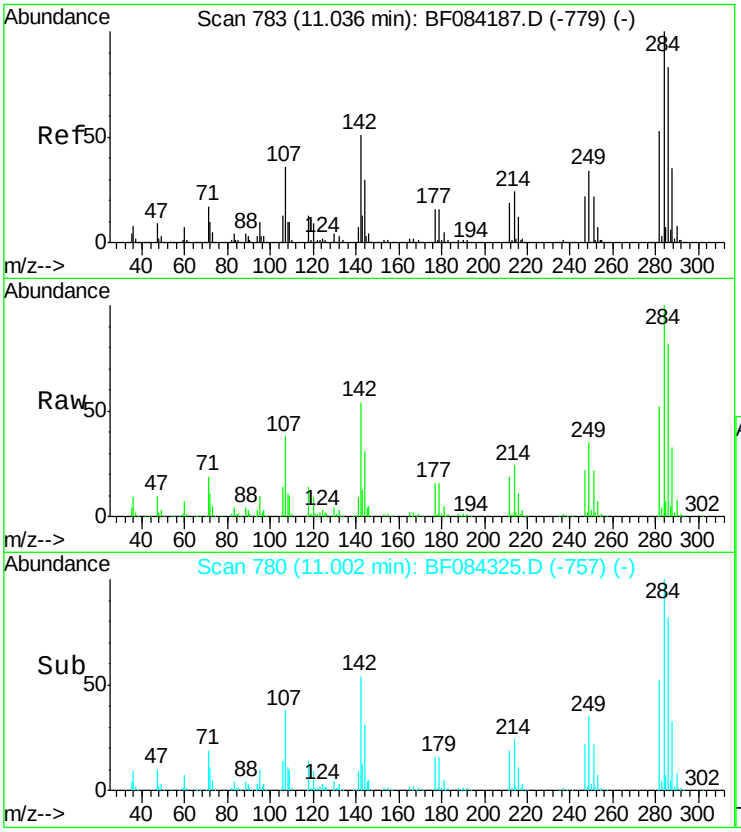


#66
4-Bromophenyl-phenylether
Concen: 40.51 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:248 Resp: 486911

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.4	117.6
141	81.8	44.0	66.0#

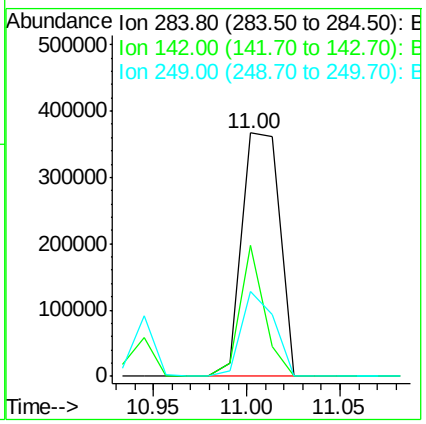




#67
Hexachlorobenzene
Concen: 37.95 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

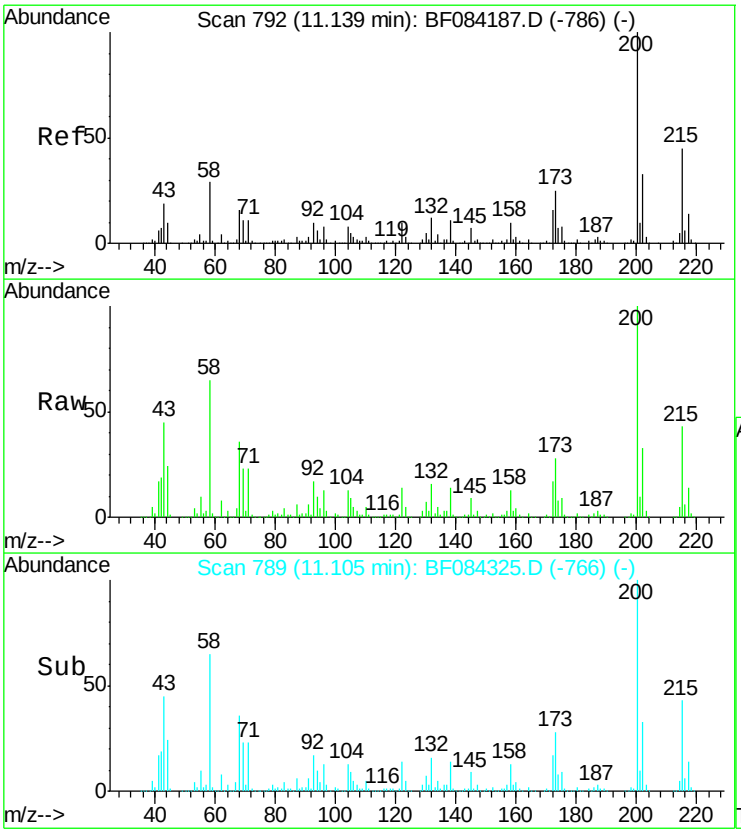
Tgt Ion:284 Resp: 513490

Ion	Ratio	Lower	Upper
284	100		
142	53.6	22.2	33.4#
249	34.9	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

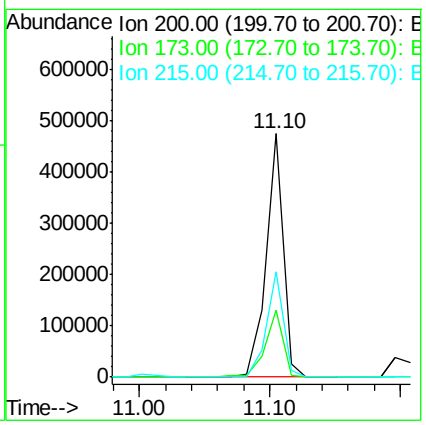
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

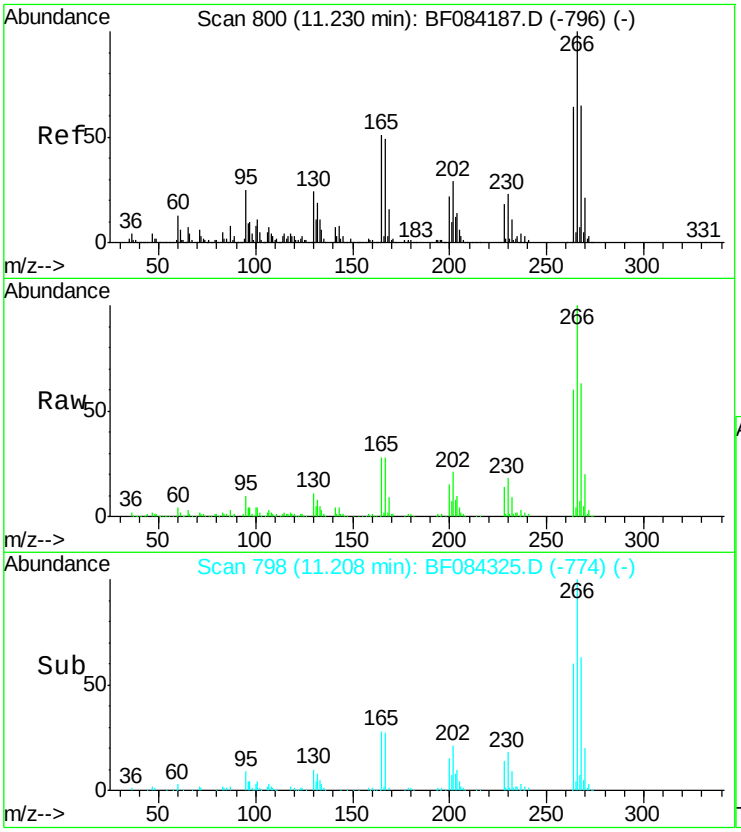


#68
Atrazine
Concen: 37.36 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:200 Resp: 436582

Ion	Ratio	Lower	Upper
200	100		
173	27.6	9.5	49.5
215	43.2	23.8	63.8

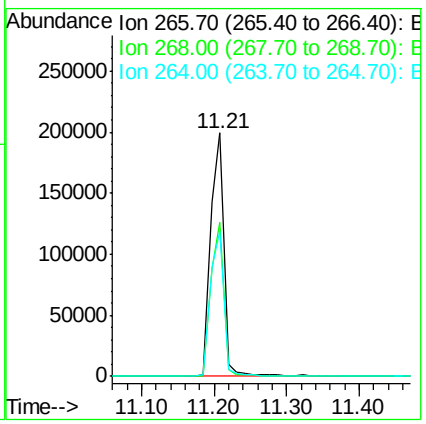




#69
Pentachlorophenol
Concen: 36.08 ng
RT: 11.21 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

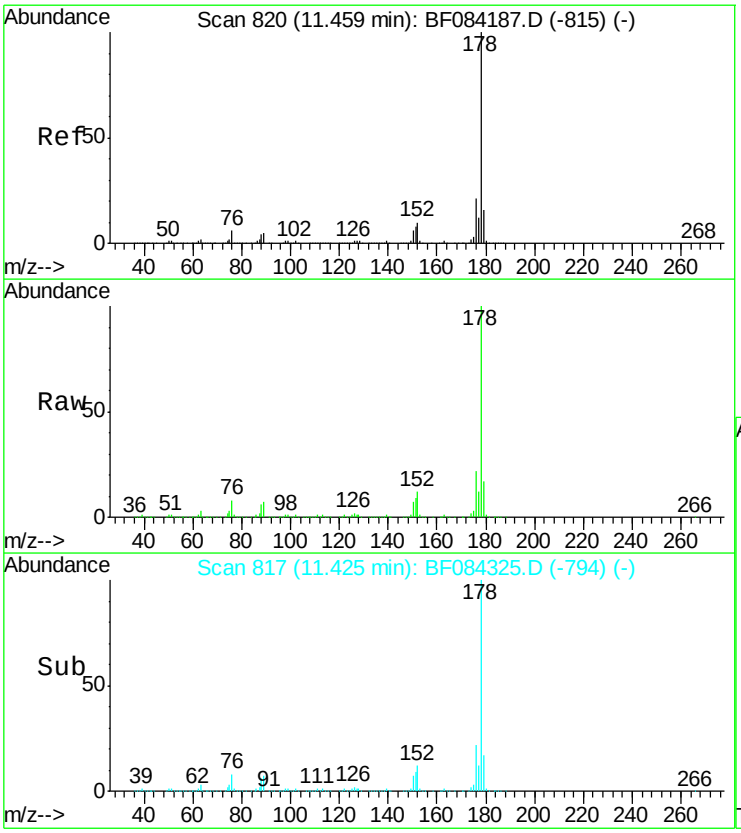
Tgt Ion:266 Resp: 253125

Ion	Ratio	Lower	Upper
266	100		
268	63.3	52.4	78.6
264	59.6	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

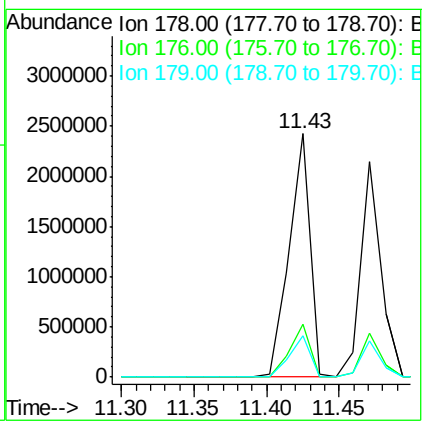
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

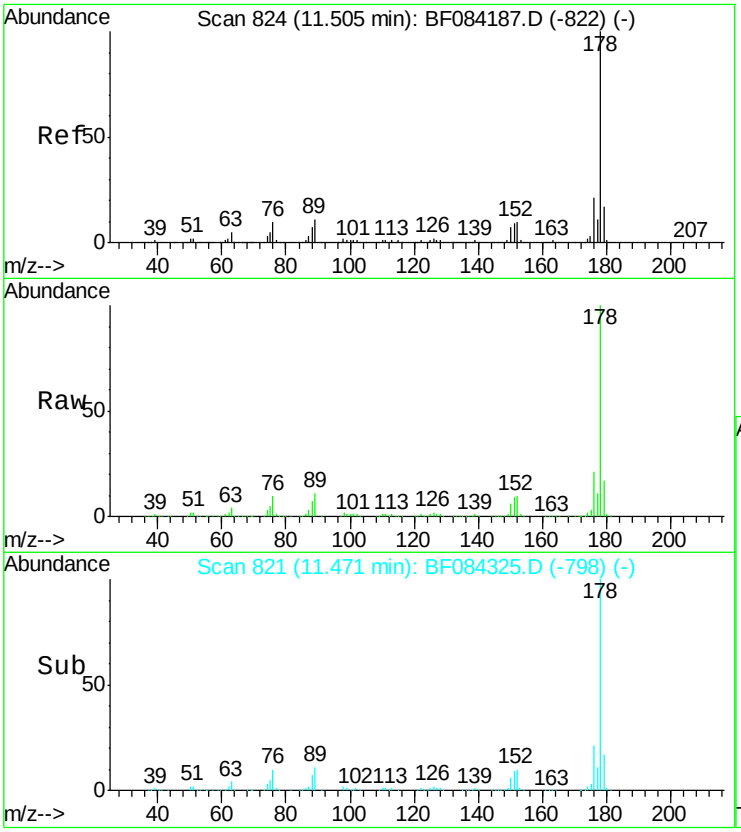


#70
Phenanthrene
Concen: 41.43 ng
RT: 11.43 min Scan# 817
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:178 Resp: 2420097

Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.3	22.9
179	16.9	12.0	18.0

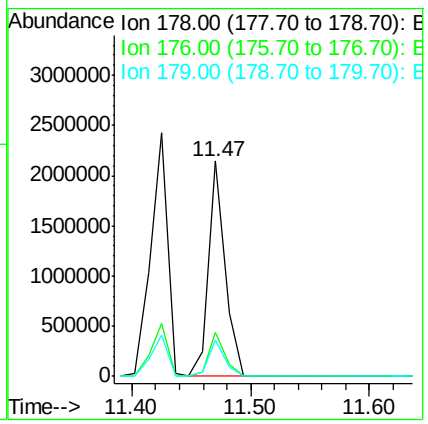




#71
Anthracene
Concen: 36.44 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

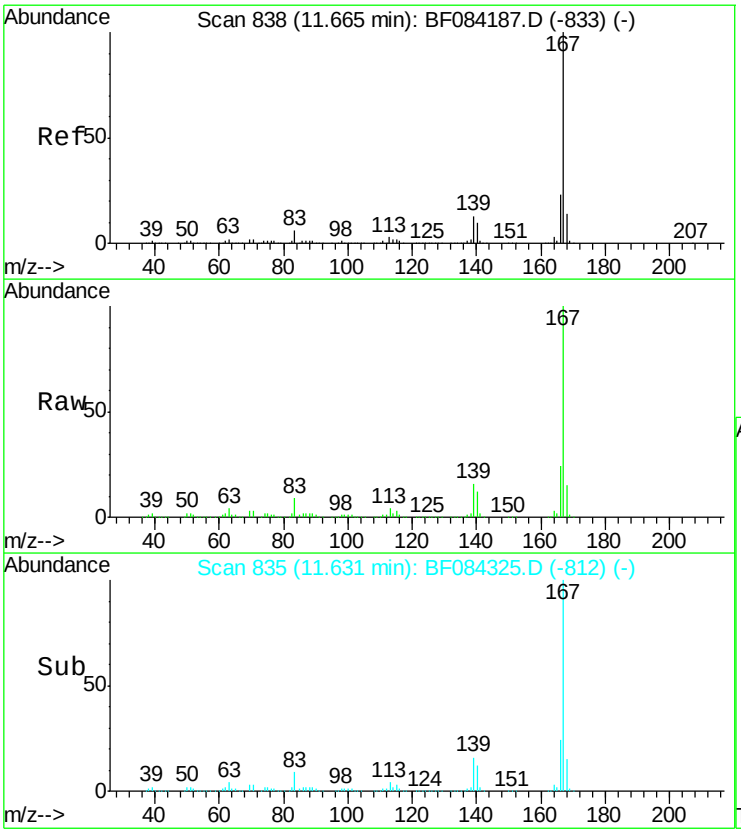
Tgt Ion:178 Resp: 2086489

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.4	23.0
179	17.0	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

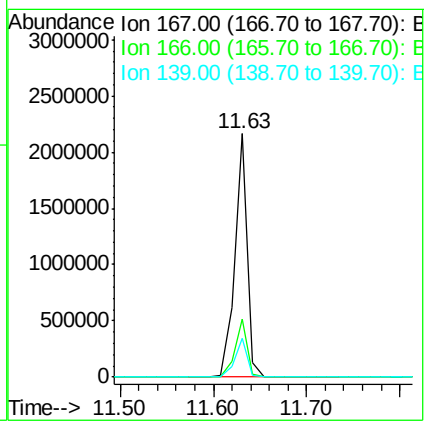
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

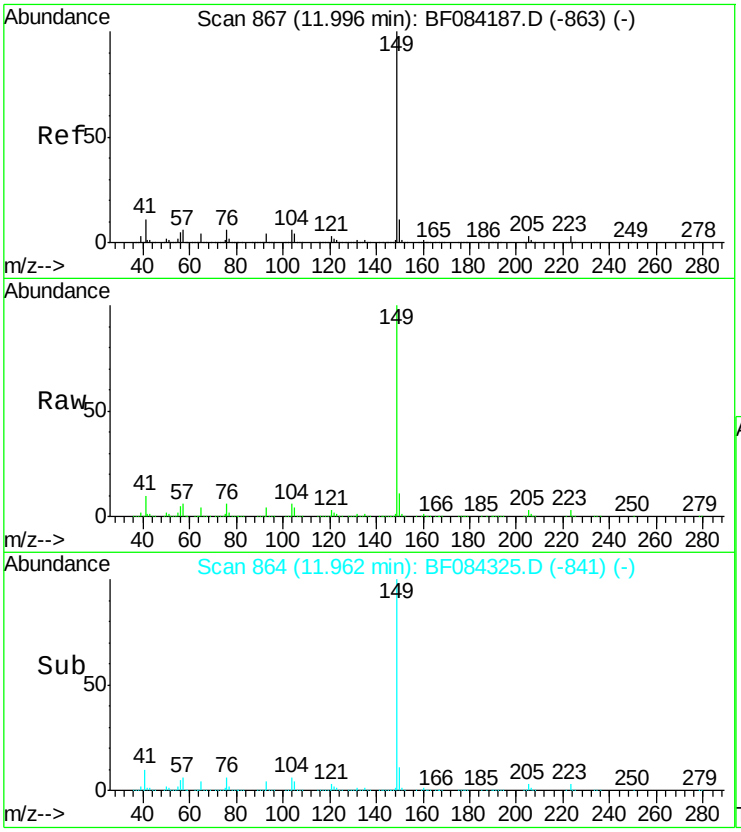


#72
Carbazole
Concen: 36.14 ng
RT: 11.63 min Scan# 835
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:167 Resp: 2023110

Ion	Ratio	Lower	Upper
167	100		
166	23.9	17.6	26.4
139	15.8	11.8	17.8

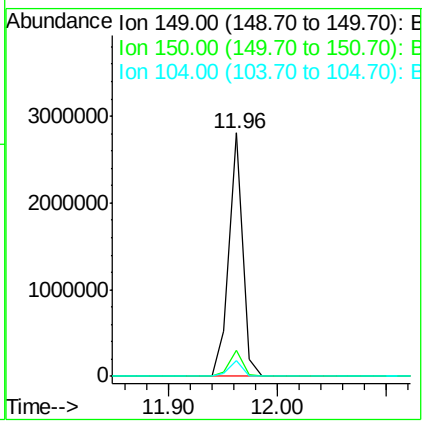




#73
Di-n-butylphthalate
Concen: 39.39 ng
RT: 11.96 min Scan# 864
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

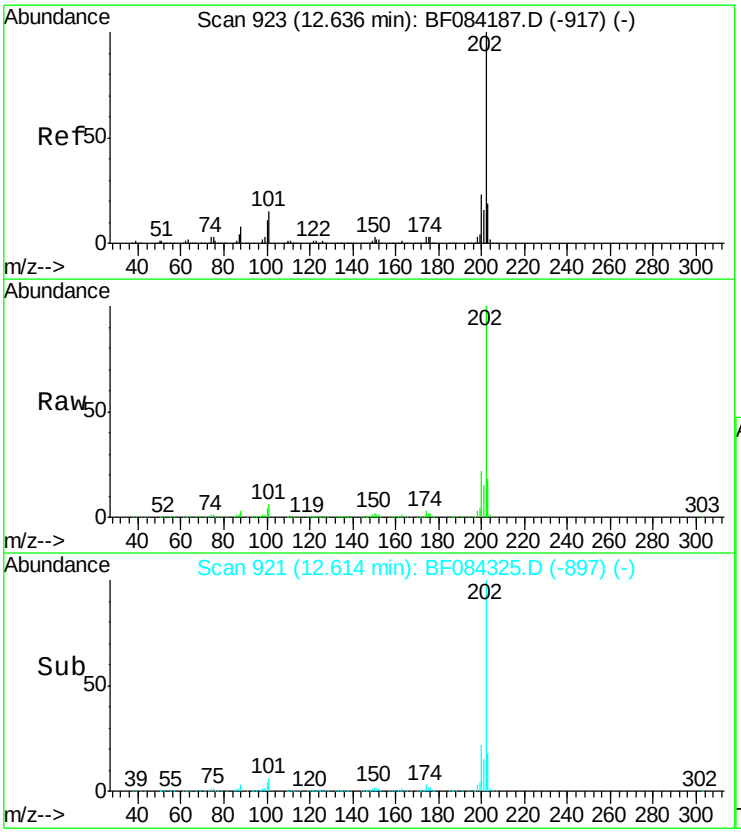
Tgt Ion:149 Resp: 2422081

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.1	10.7
104	6.3	3.2	4.8#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

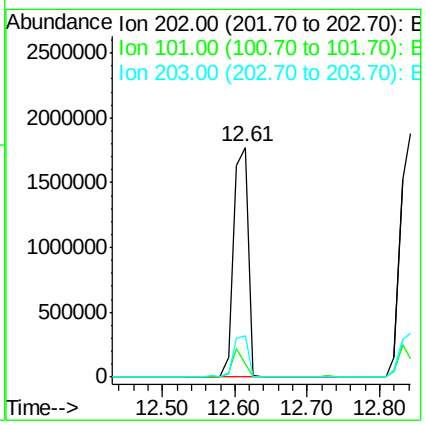
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

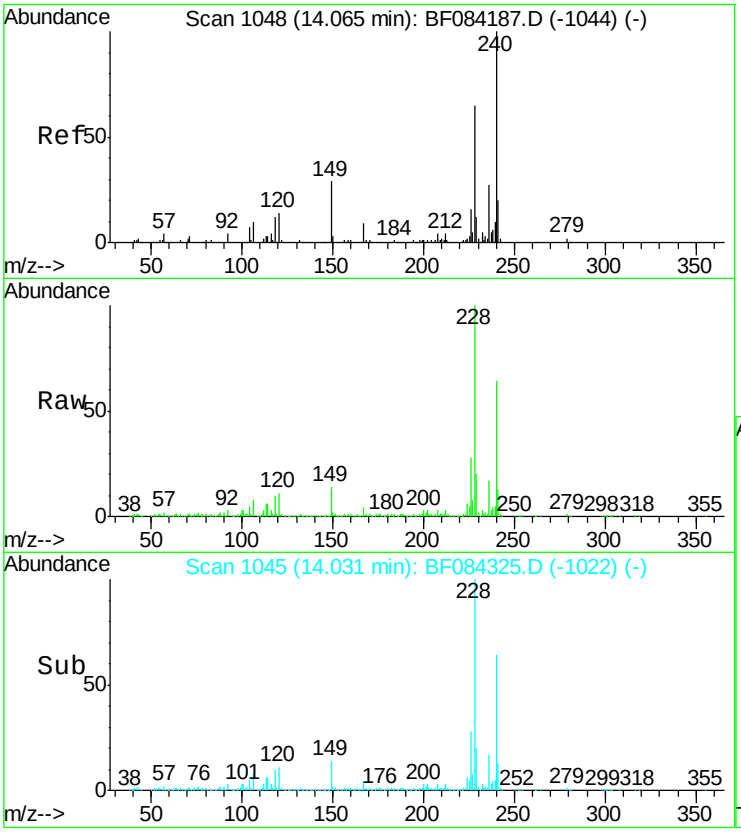


#74
Fluoranthene
Concen: 40.48 ng
RT: 12.61 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:202 Resp: 2470210

Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	32.8
203	18.0	0.0	37.9

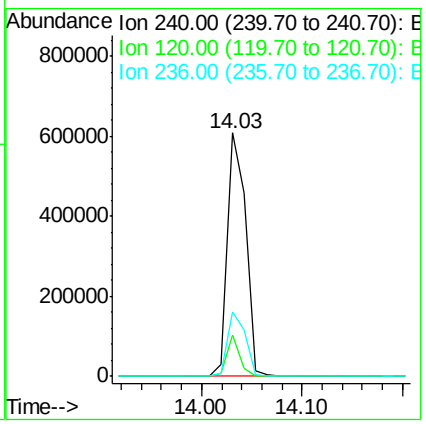




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

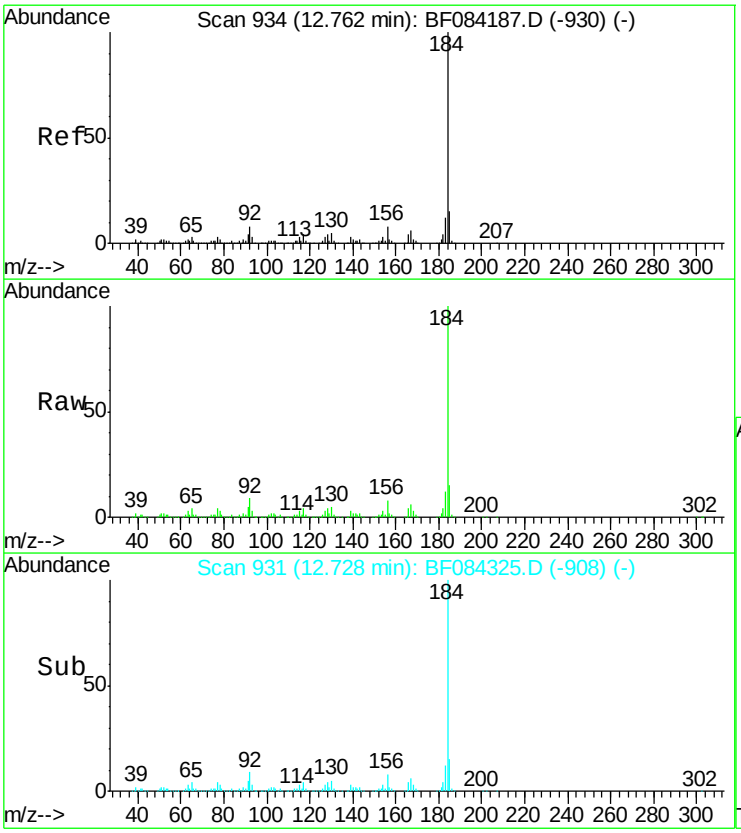
Tgt Ion:240 Resp: 768121

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.5	14.3#
236	26.2	20.6	31.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

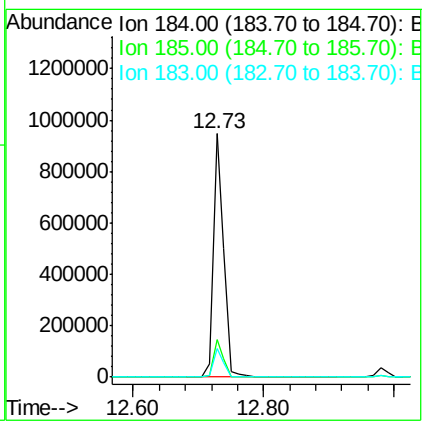
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

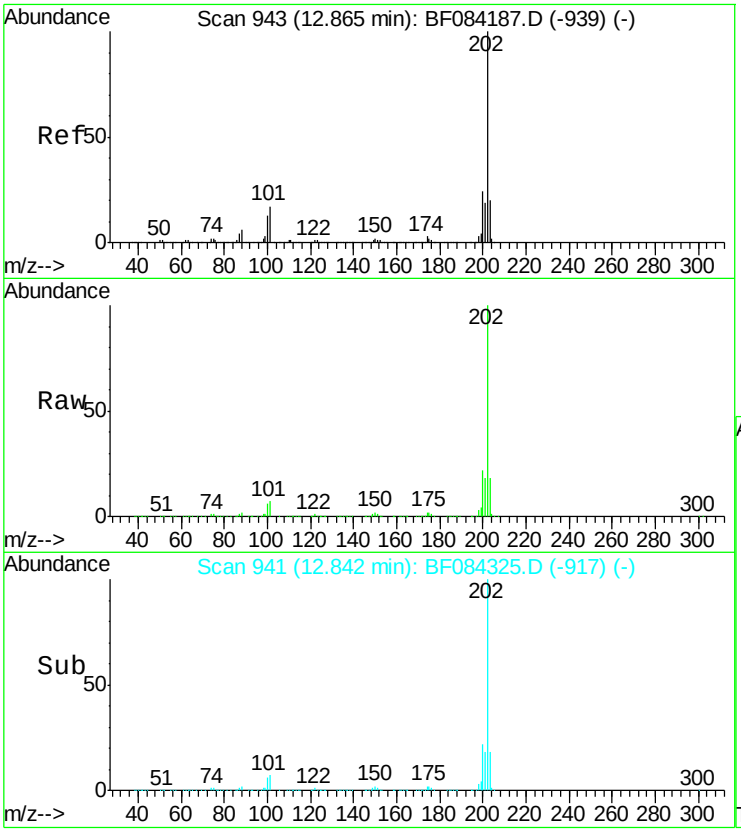


#76
Benzidine
Concen: 38.70 ng
RT: 12.73 min Scan# 931
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:184 Resp: 1065873

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	11.6	9.8	14.8

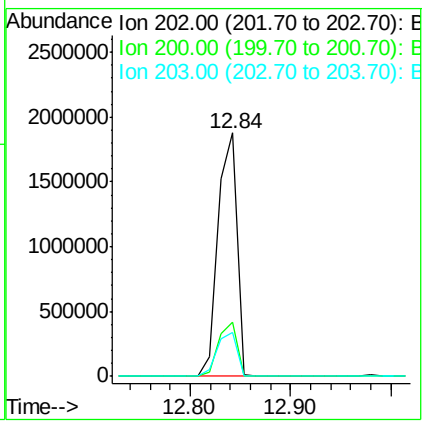




#77
Pyrene
Concen: 40.67 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

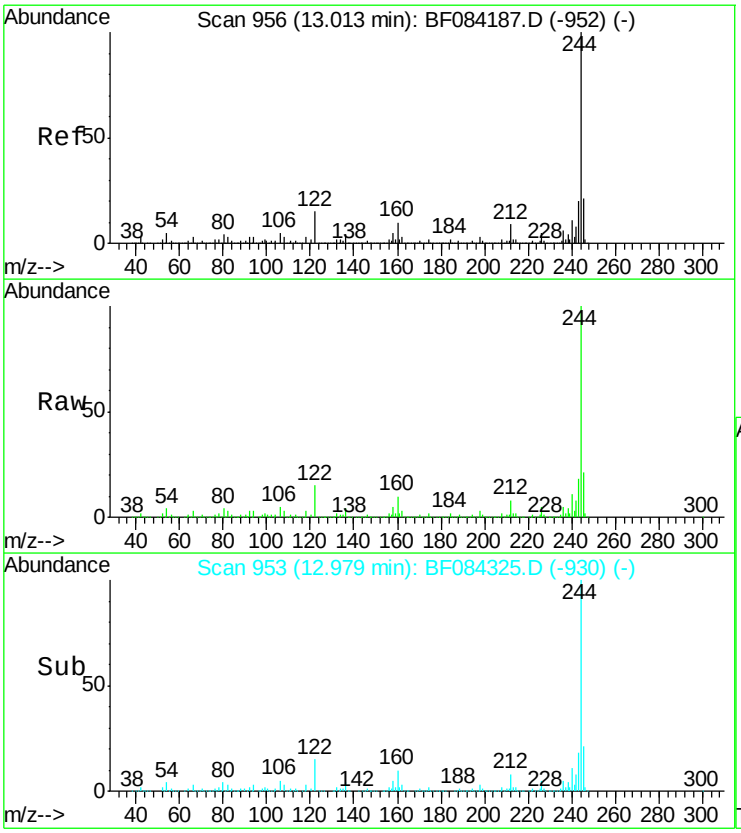
Tgt Ion:202 Resp: 2451564

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.2	25.8
203	18.3	14.3	21.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

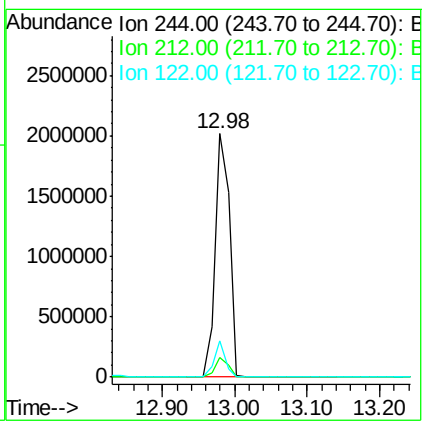
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

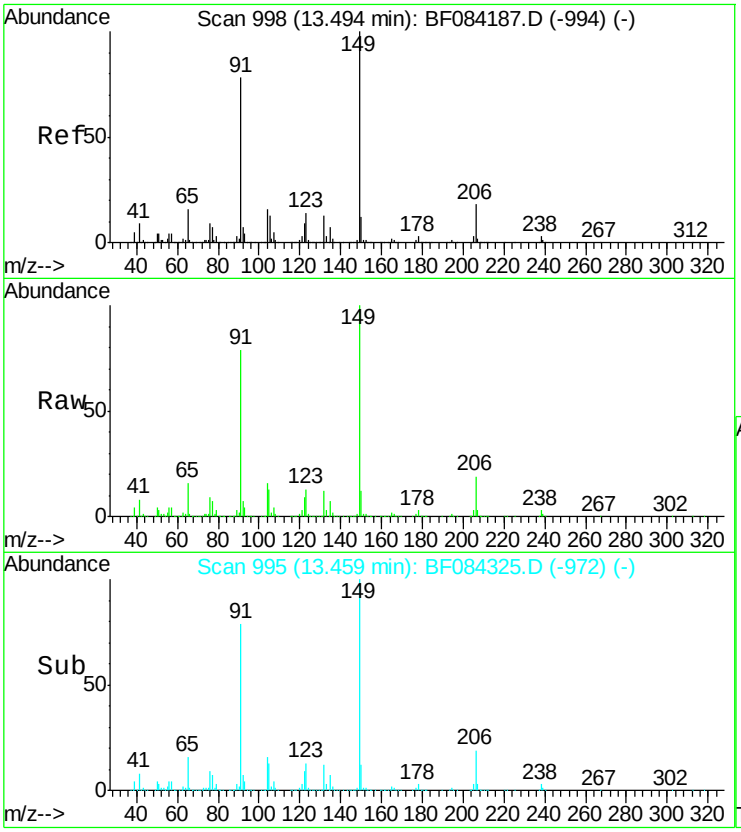


#78
Terphenyl-d14
Concen: 79.71 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:244 Resp: 2742794

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	15.0	7.4	11.0#

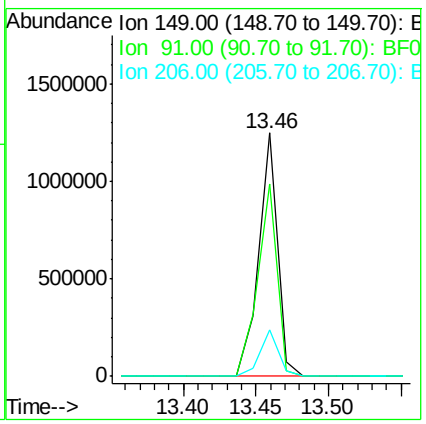




#79
Butylbenzylphthalate
Concen: 43.16 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

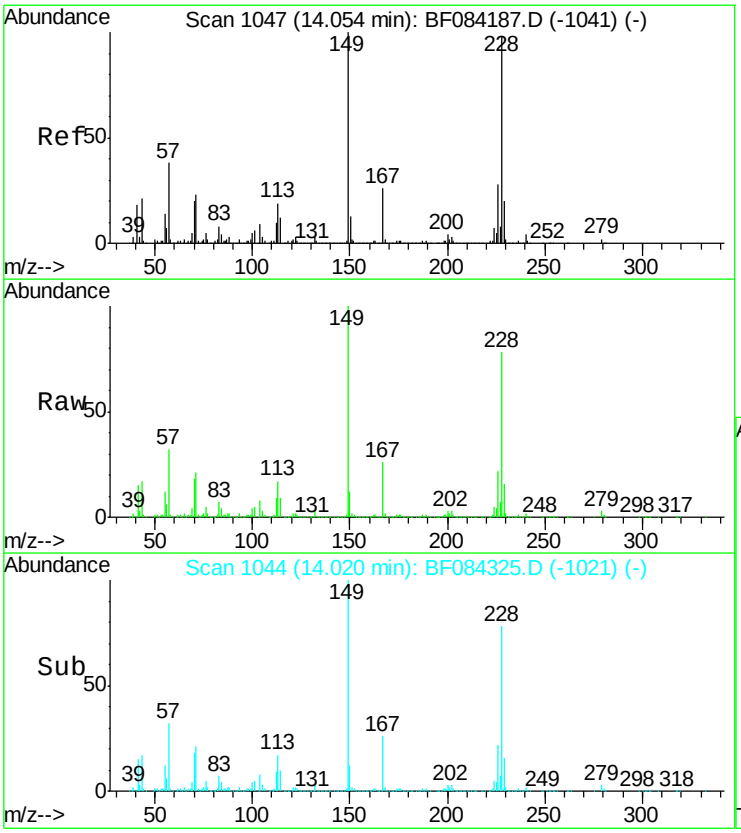
Tgt Ion:149 Resp: 1125645

Ion	Ratio	Lower	Upper
149	100		
91	78.9	57.6	86.4
206	19.0	13.2	19.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

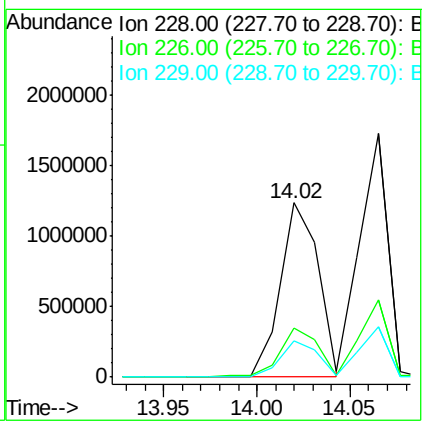
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

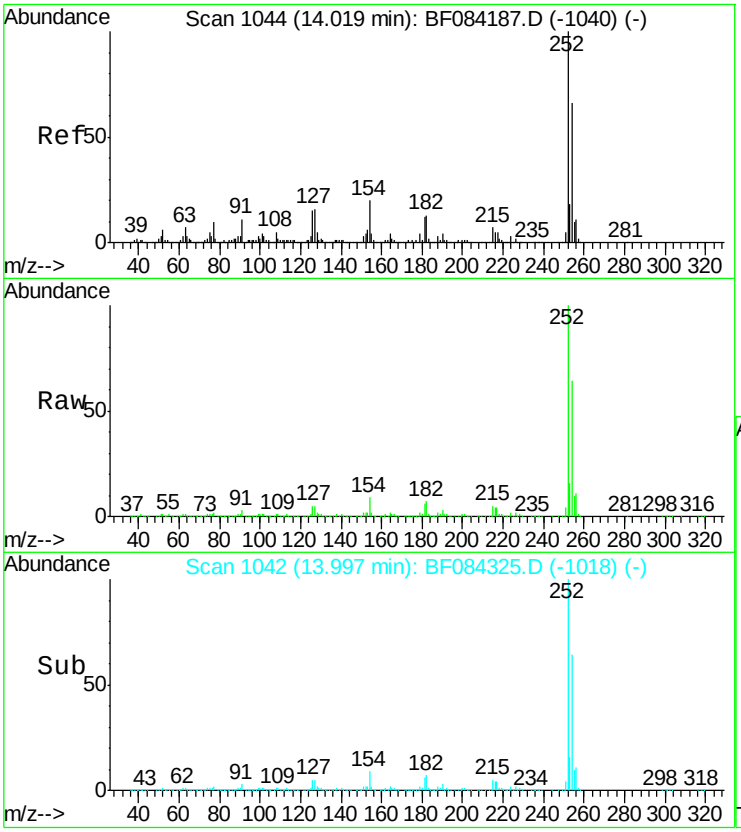


#80
Benzo(a)anthracene
Concen: 38.85 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:228 Resp: 1752391

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.8	32.6
229	20.5	15.8	23.8

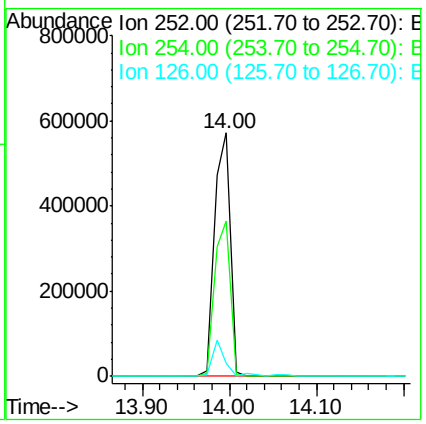




#81
3,3'-Dichlorobenzidine
Concen: 46.82 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

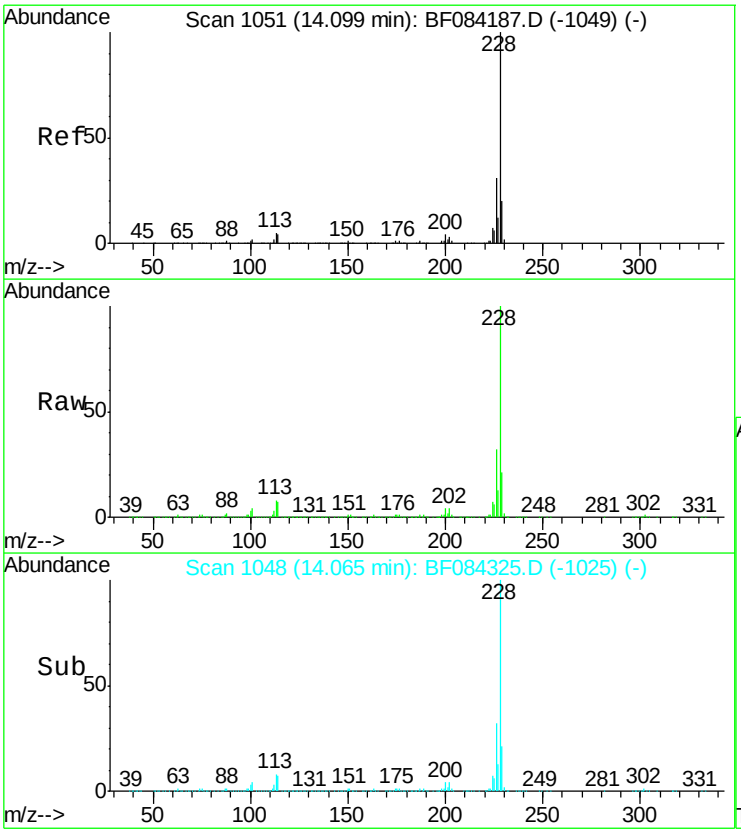
Tgt Ion:252 Resp: 737048

Ion	Ratio	Lower	Upper
252	100		
254	64.0	53.5	80.3
126	5.5	4.9	7.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

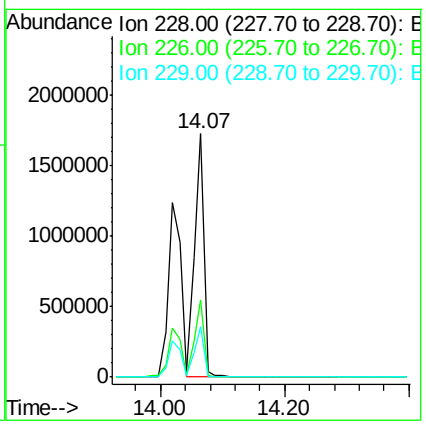
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

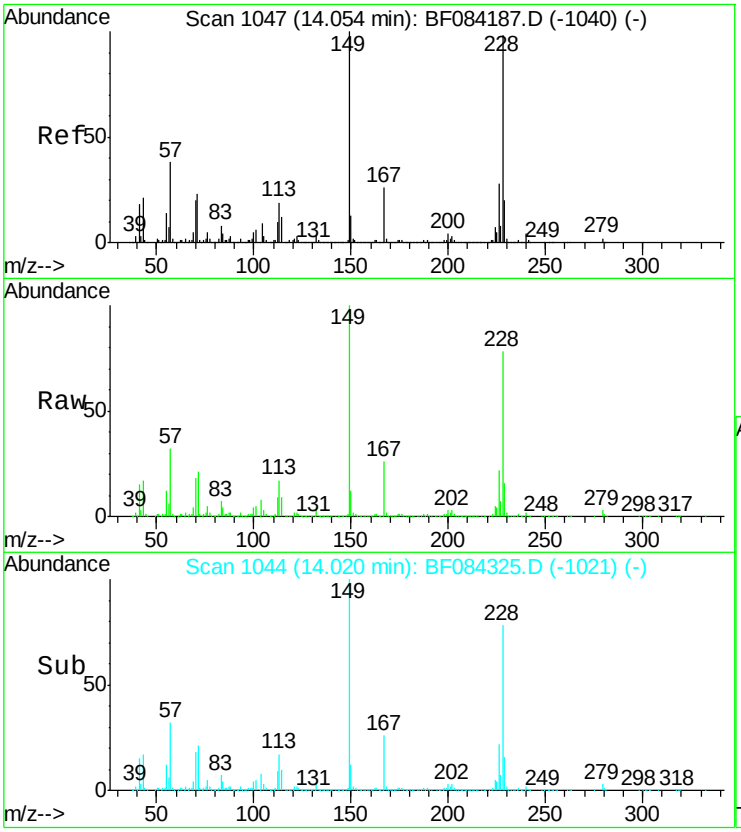


#82
Chrysene
Concen: 42.03 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:228 Resp: 1821690

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.3	36.5
229	20.8	16.1	24.1





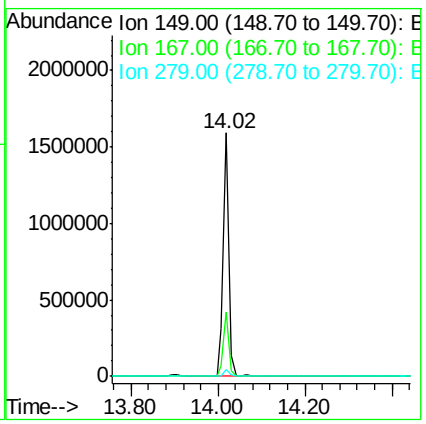
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.46 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

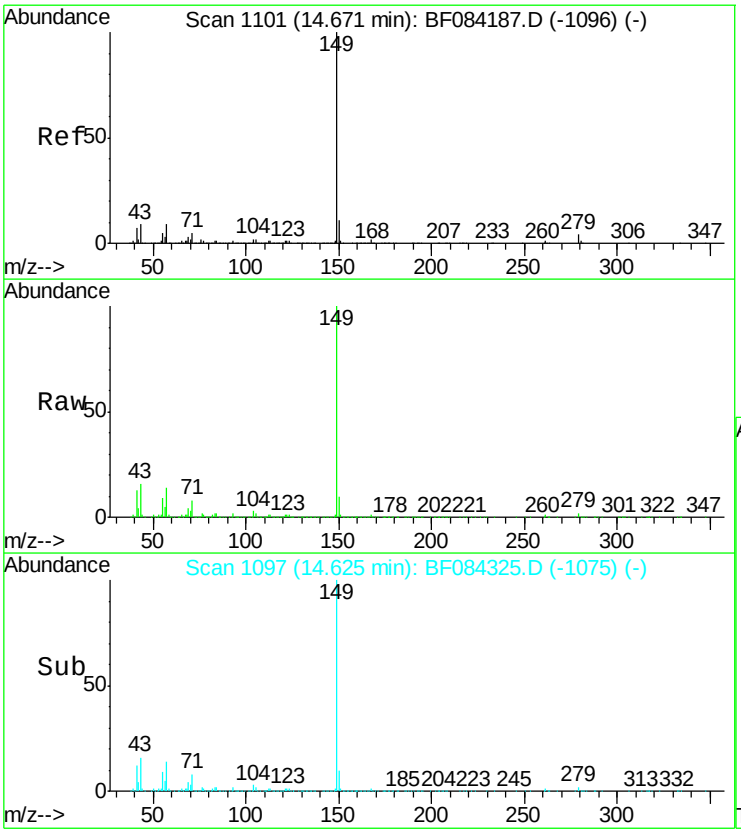
Tgt Ion:149 Resp: 1432003

Ion	Ratio	Lower	Upper
149	100		
167	26.4	19.7	29.5
279	2.8	1.8	2.6#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

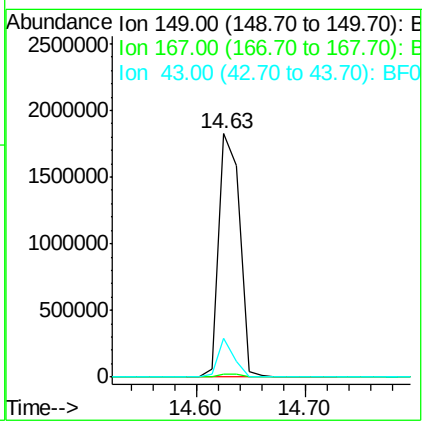


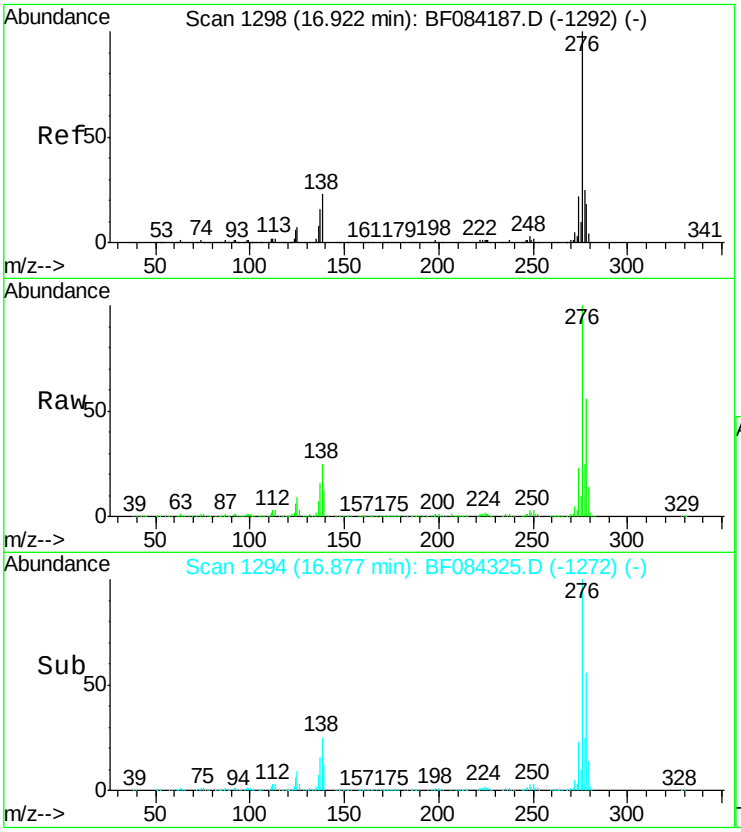


#84
Di-n-octyl phthalate
Concen: 43.55 ng
RT: 14.63 min Scan# 1097
Delta R.T. -0.05 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:149 Resp: 2422824

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	12.1	5.6	8.4#

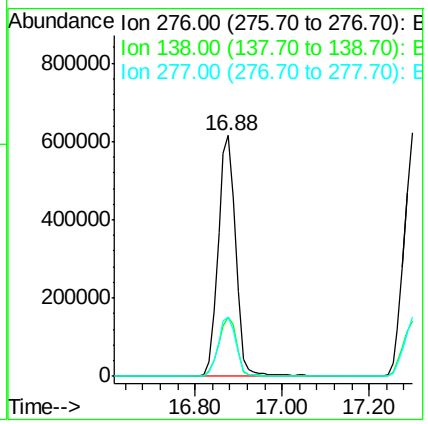




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.23 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.05 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

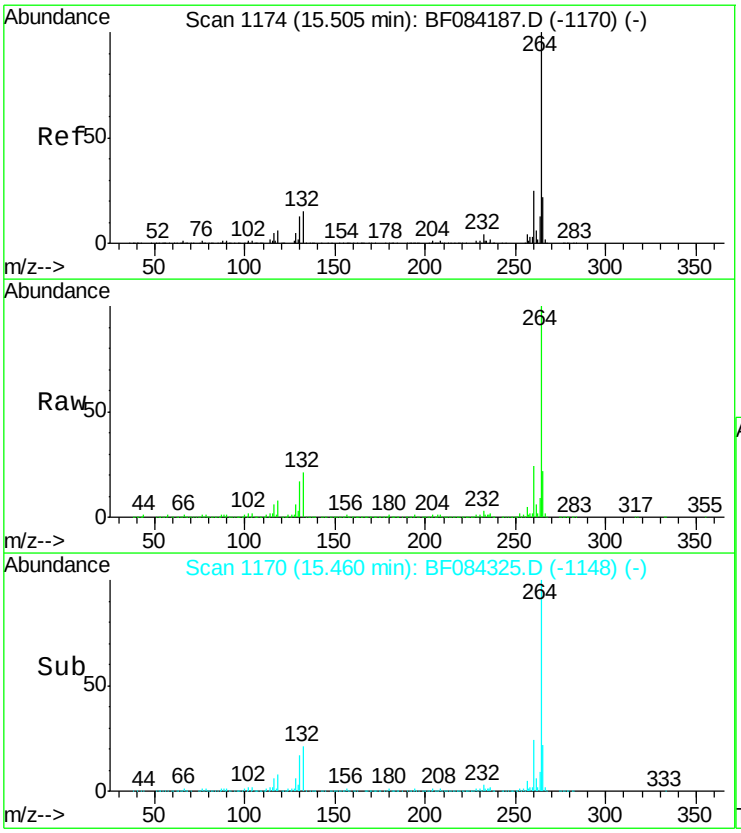
Tgt Ion:276 Resp: 1760060

Ion	Ratio	Lower	Upper
276	100		
138	25.5	20.6	30.8
277	25.2	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

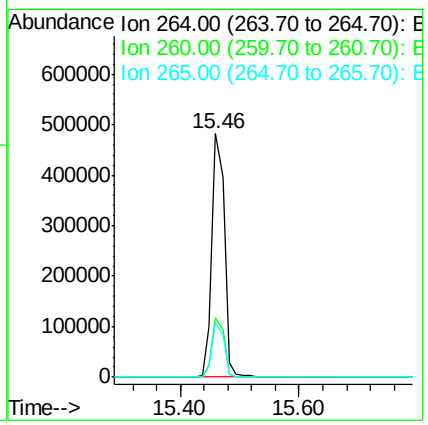
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

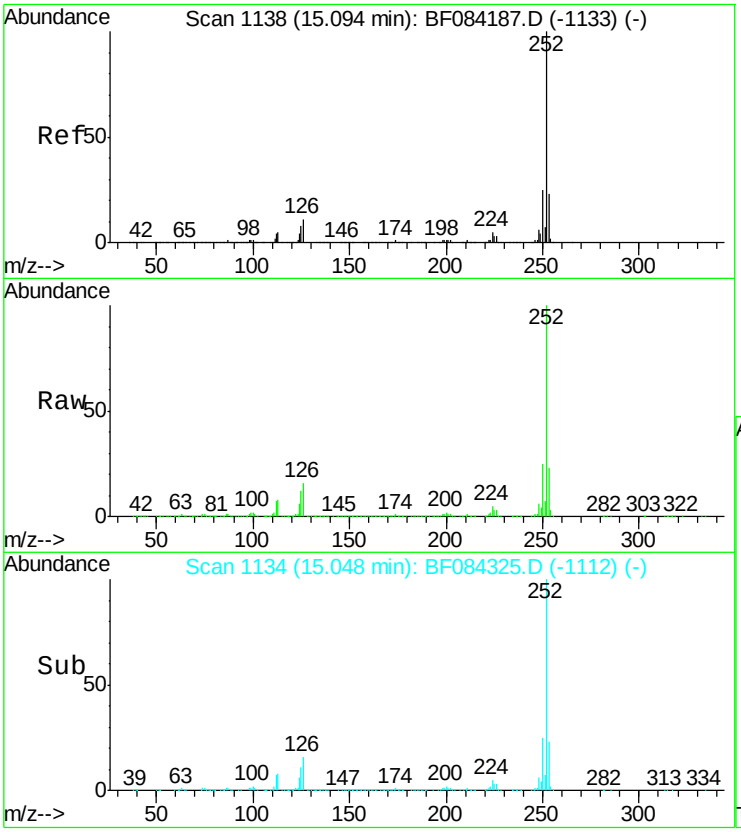


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:264 Resp: 708819

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.3	17.8	26.6





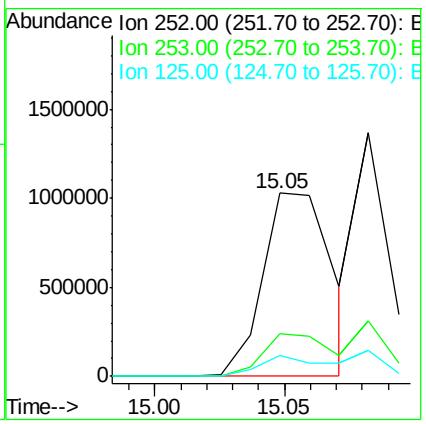
#87
Benzo(b)fluoranthene
Concen: 41.34 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

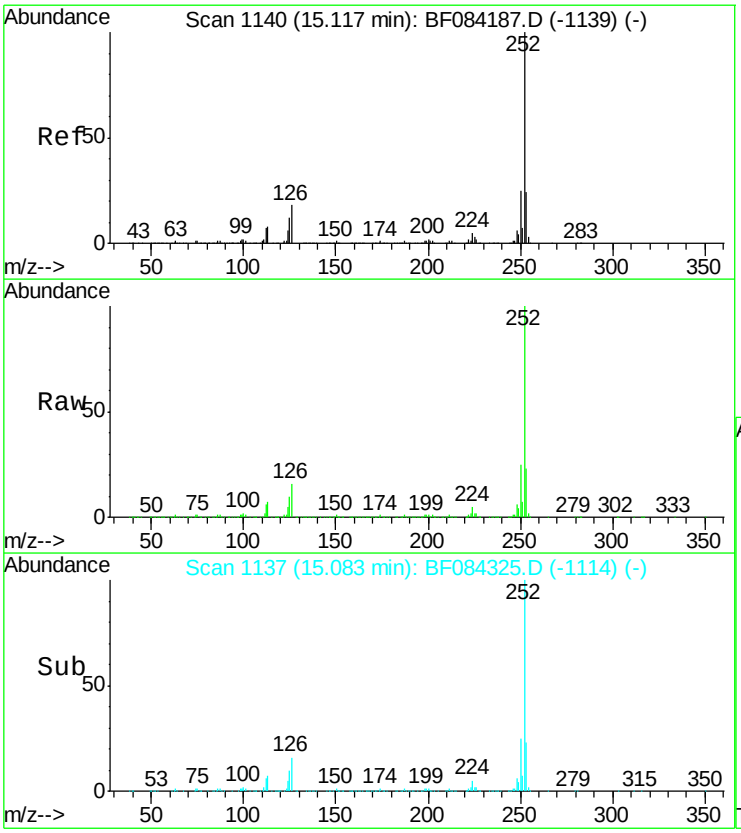
Tgt Ion:252 Resp: 1916619

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.3	25.9
125	11.6	6.5	9.7#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

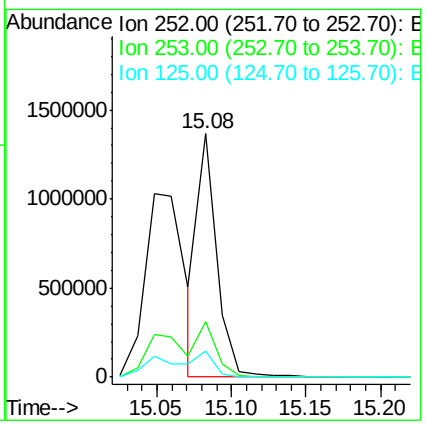


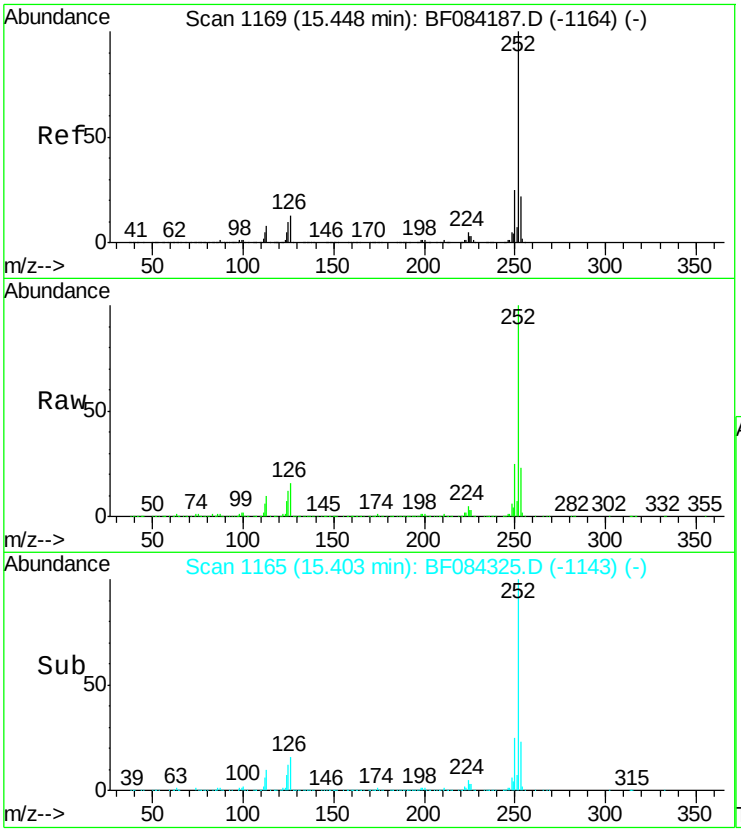


#88
Benzo(k)fluoranthene
Concen: 32.37 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:252 Resp: 1227415

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.5	9.0	13.6

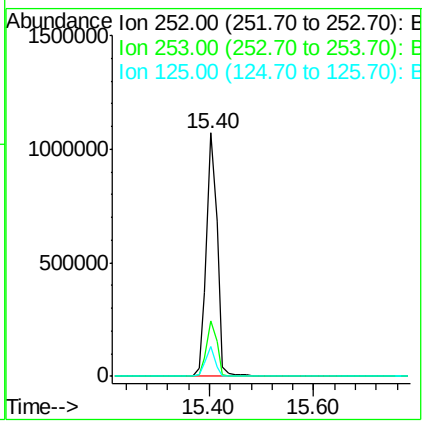




#89
Benzo(a)pyrene
Concen: 39.15 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

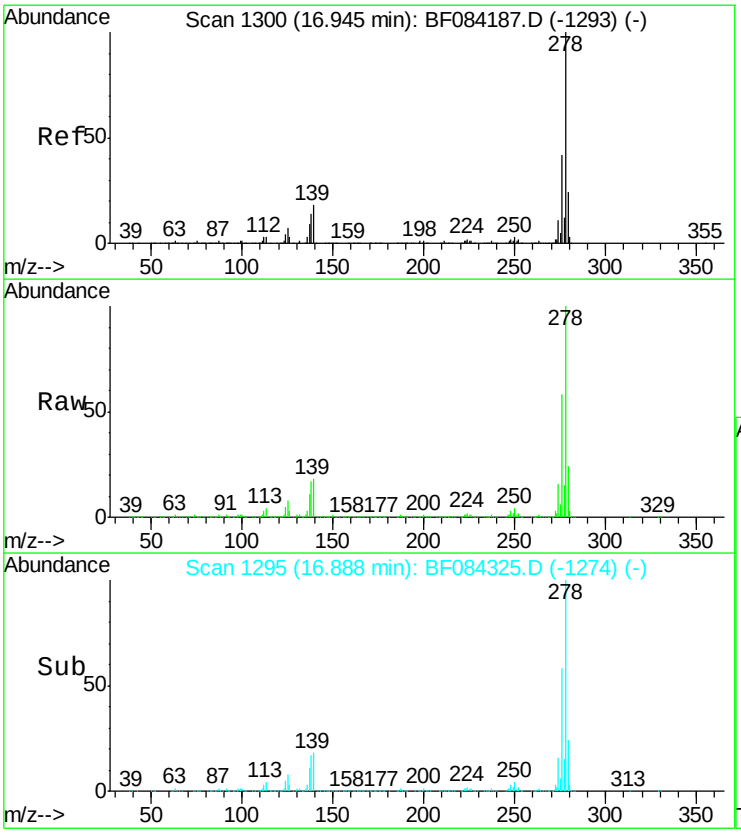
Tgt Ion:252 Resp: 1539693

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	12.3	7.0	10.4#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

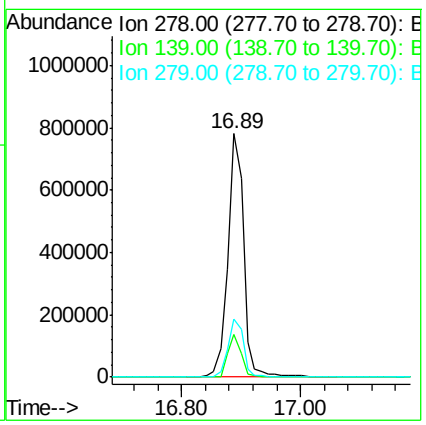
Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM

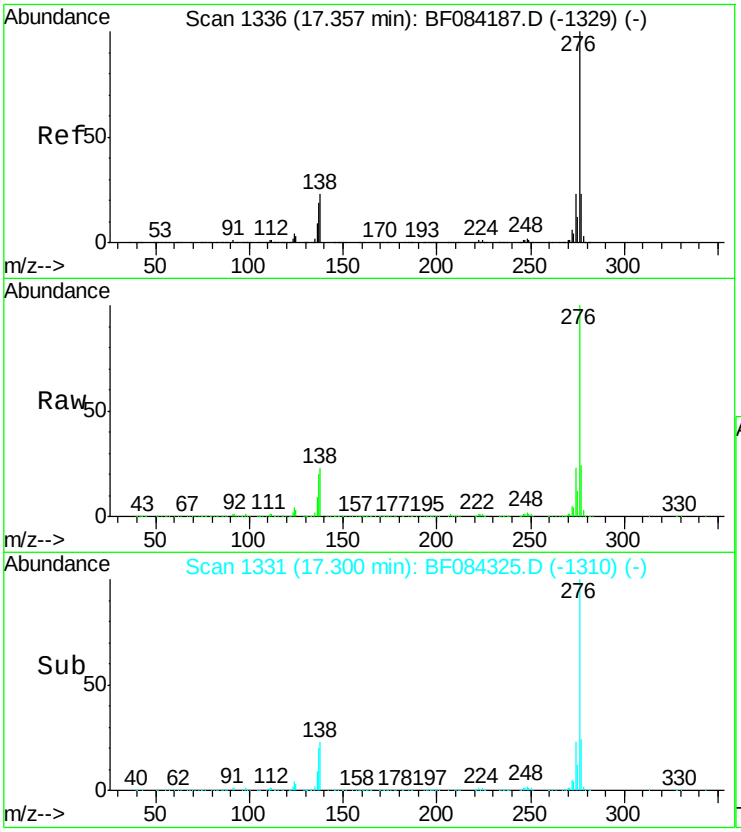


#90
Dibenzo(a,h)anthracene
Concen: 42.32 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.06 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:278 Resp: 1432207

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.4
279	23.9	18.9	28.3

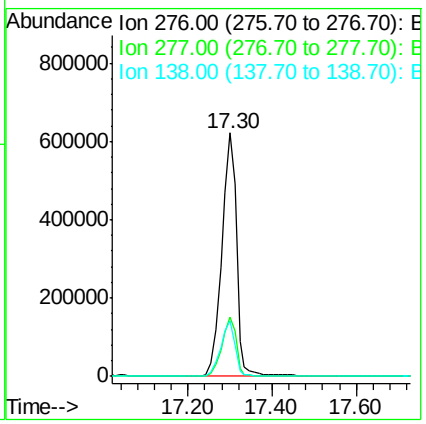




#91
Benzo(g,h,i)perylene
Concen: 42.61 ng
RT: 17.30 min Scan# 1331
Delta R.T. -0.06 min
Lab File: BF084325.D
Acq: 8 Jan 2016 8:36

Tgt Ion:276 Resp: 1493158

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	23.0	17.8	26.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
UMANGI
1/8/2016 12:17:58 PM