Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085376.D
Acq On : 11 Mar 2016 17:07
Operator : UM/SJ
Sample : PB88797BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

Quant Time: Mar 14 02:01:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	158259	20.00	ng		-0.05
21) Naphthalene-d8	8.22	136	618179	20.00	ng		-0.05
38) Acenaphthene-d10	9.98	164	290381	20.00	ng		-0.05
63) Phenanthrene-d10	11.46	188	531661	20.00	ng		-0.05
75) Chrysene-d12	14.11	240	322790	20.00	ng		-0.05
86) Perylene-d12	15.57	264	266376	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1030371	109.21	ng		-0.03
7) Phenol-d6	6.56	99	1468580	118.81	ng		-0.05
23) Nitrobenzene-d5	7.50	82	898054	77.74	ng		-0.05
41) 2,4,6-Tribromophenol	10.78	330	348317	140.19	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1594063	83.49	ng		-0.05
78) Terphenyl-d14	13.05	244	1294593	93.10	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	154605	32.04	ng		96
3) Pyridine	3.44	79	377870	31.29	ng		98
4) n-Nitrosodimethylamine	3.37	42	197568	38.23	ng		97
6) Aniline	6.60	93	351109	20.27	ng		97
8) 2-Chlorophenol	6.72	128	470784	41.45	ng		93
9) Benzaldehyde	6.48	77	111256	15.73	ng		88
10) Phenol	6.57	94	458653m	34.64	ng		
11) bis(2-Chloroethyl)ether	6.68	93	423604	38.52	ng		93
12) 1,3-Dichlorobenzene	6.87	146	439088m	36.01	ng		
13) 1,4-Dichlorobenzene	6.95	146	447603	36.62	ng		98
14) 1,2-Dichlorobenzene	7.11	146	459107	41.40	ng		96
15) Benzyl Alcohol	7.08	79	377700	41.62	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	521830	32.92	ng		98
17) 2-Methylphenol	7.19	107	382691	41.29	ng		97
18) Hexachloroethane	7.45	117	178202	39.52	ng		96
19) n-Nitroso-di-n-propylamine	7.35	70	289629	35.95	ng	#	92
20) 3+4-Methylphenols	7.34	107	422023	38.44	ng		92
22) Acetophenone	7.35	105	591038	39.17	ng	#	95
24) Nitrobenzene	7.52	77	501500	42.73	ng		93
25) Isophorone	7.76	82	857412	40.05	ng		96
26) 2-Nitrophenol	7.84	139	235082	41.16	ng		97
27) 2,4-Dimethylphenol	7.88	122	455229	43.62	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	495072	41.52	ng		99
29) 2,4-Dichlorophenol	8.08	162	369931	43.95	ng		97
30) 1,2,4-Trichlorobenzene	8.16	180	360224	39.58	ng		99
31) Naphthalene	8.24	128	1185363	39.00	ng		99
32) Benzoic acid	7.99	122	297595	42.93	ng		98
33) 4-Chloroaniline	8.29	127	113403	9.22	ng		96
34) Hexachlorobutadiene	8.37	225	200307	42.30	ng		98
35) Caprolactam	8.66	113	124859m	45.42	ng		
36) 4-Chloro-3-methylphenol	8.78	107	413684	43.32	ng		89
37) 2-Methylnaphthalene	8.94	142	864122	44.30	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	321465	38.71	ng		98
40) Hexachlorocyclopentadiene	9.09	237	332980	74.34	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085376.D
Acq On : 11 Mar 2016 17:07
Operator : UM/SJ
Sample : PB88797BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

Quant Time: Mar 14 02:01:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	250398	40.51	ng		97
43) 2,4,5-Trichlorophenol	9.26	196	262110	44.72	ng	#	93
45) 1,1'-Biphenyl	9.41	154	960971	38.74	ng		92
46) 2-Chloronaphthalene	9.43	162	772939	40.87	ng		98
47) 2-Nitroaniline	9.52	65	253034	43.18	ng	#	82
48) Acenaphthylene	9.84	152	1137618	38.65	ng		99
49) Dimethylphthalate	9.70	163	919757	41.27	ng		100
50) 2,6-Dinitrotoluene	9.76	165	178195	37.37	ng	#	85
51) Acenaphthene	10.01	154	774278	43.33	ng		98
52) 3-Nitroaniline	9.93	138	105387	18.47	ng		91
53) 2,4-Dinitrophenol	10.04	184	184468	76.62	ng	#	59
54) Dibenzofuran	10.18	168	981184	41.91	ng		98
55) 4-Nitrophenol	10.09	139	333203	74.33	ng	#	76
56) 2,4-Dinitrotoluene	10.17	165	280895	46.03	ng	#	70
57) Fluorene	10.53	166	724118	39.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	186052	45.18	ng		99
59) Diethylphthalate	10.40	149	850964	39.35	ng		96
60) 4-Chlorophenyl-phenylether	10.52	204	358861	40.10	ng		88
61) 4-Nitroaniline	10.55	138	220042	41.24	ng		94
62) Azobenzene	10.68	77	931145	43.70	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	120436	37.83	ng	#	55
65) n-Nitrosodiphenylamine	10.64	169	727693	44.01	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	208454	40.38	ng	#	80
67) Hexachlorobenzene	11.08	284	214005	38.86	ng	#	76
68) Atrazine	11.17	200	231928	50.43	ng		98
69) Pentachlorophenol	11.27	266	252562	82.62	ng		99
70) Phenanthrene	11.49	178	1149932	41.27	ng		98
71) Anthracene	11.54	178	1198424	40.52	ng		99
72) Carbazole	11.69	167	986023	38.02	ng		98
73) Di-n-butylphthalate	12.02	149	1246037	38.01	ng		100
74) Fluoranthene	12.68	202	1063537	38.04	ng		96
76) Benzidine	12.80	184	402103	41.86	ng		98
77) Pyrene	12.91	202	1085448	44.68	ng		99
79) Butylbenzylphthalate	13.52	149	512129	46.46	ng		99
80) Benzo(a)anthracene	14.09	228	761603	39.41	ng		100
81) 3,3'-Dichlorobenzidine	14.06	252	140296	23.01	ng	#	95
82) Chrysene	14.14	228	730110	40.90	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	684356	47.18	ng	#	99
84) Di-n-octyl phthalate	14.70	149	1076483	48.72	ng		98
85) Indeno(1,2,3-cd)pyrene	17.03	276	726745	52.17	ng		98
87) Benzo(b)fluoranthene	15.15	252	666956	37.56	ng	#	96
88) Benzo(k)fluoranthene	15.17	252	626156m	43.72	ng		
89) Benzo(a)pyrene	15.51	252	635317	43.18	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	602289	47.95	ng		96
91) Benzo(g,h,i)perylene	17.48	276	614651	48.67	ng		99

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

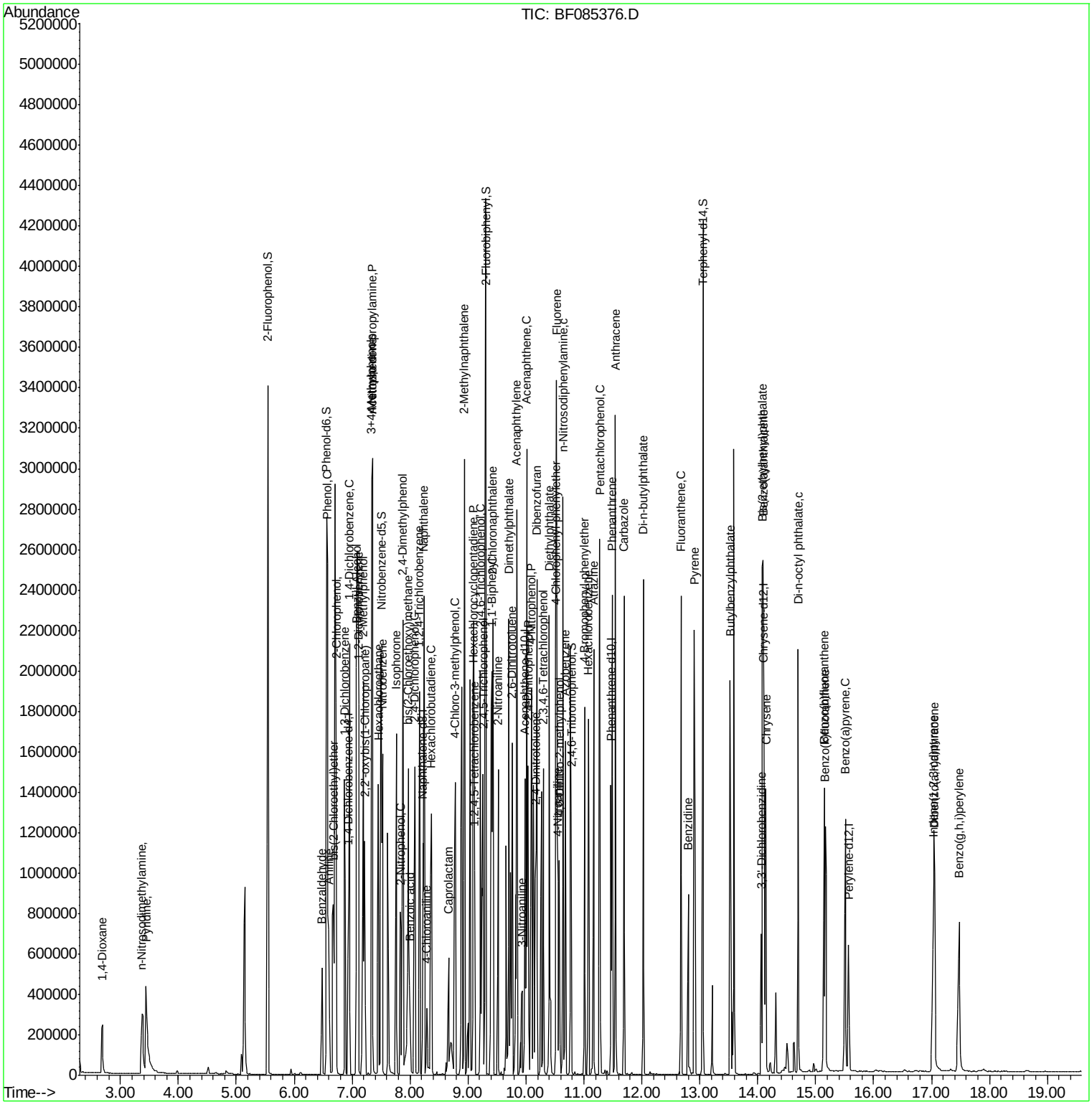
Quantitation Report (QT Reviewed)

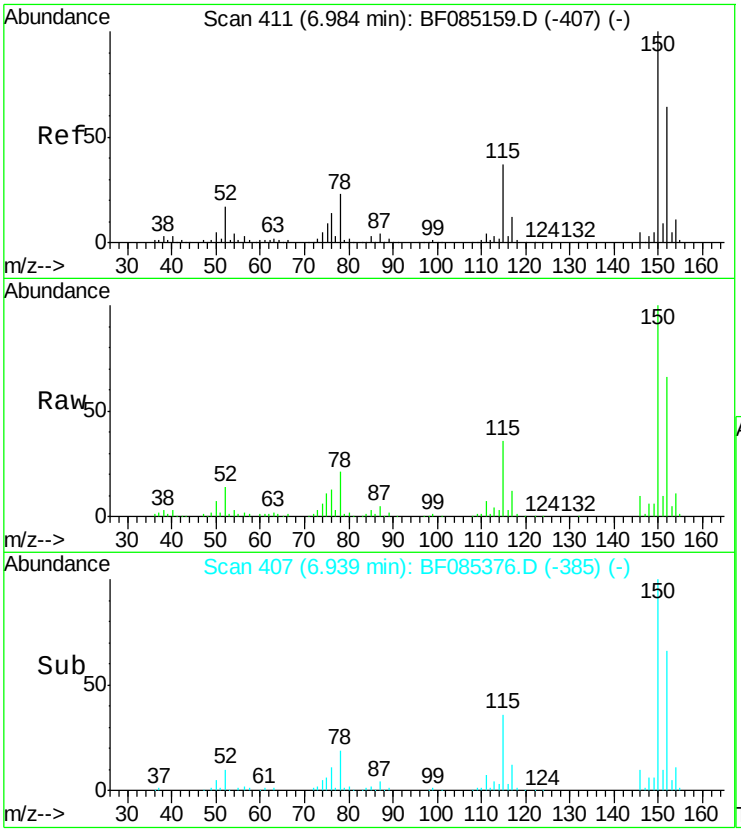
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085376.D
Acq On : 11 Mar 2016 17:07
Operator : UM/SJ
Sample : PB88797BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 14 02:01:05 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

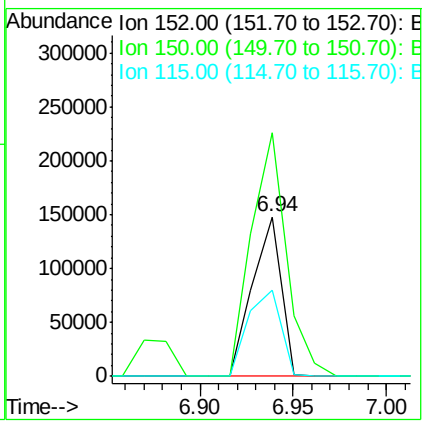




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

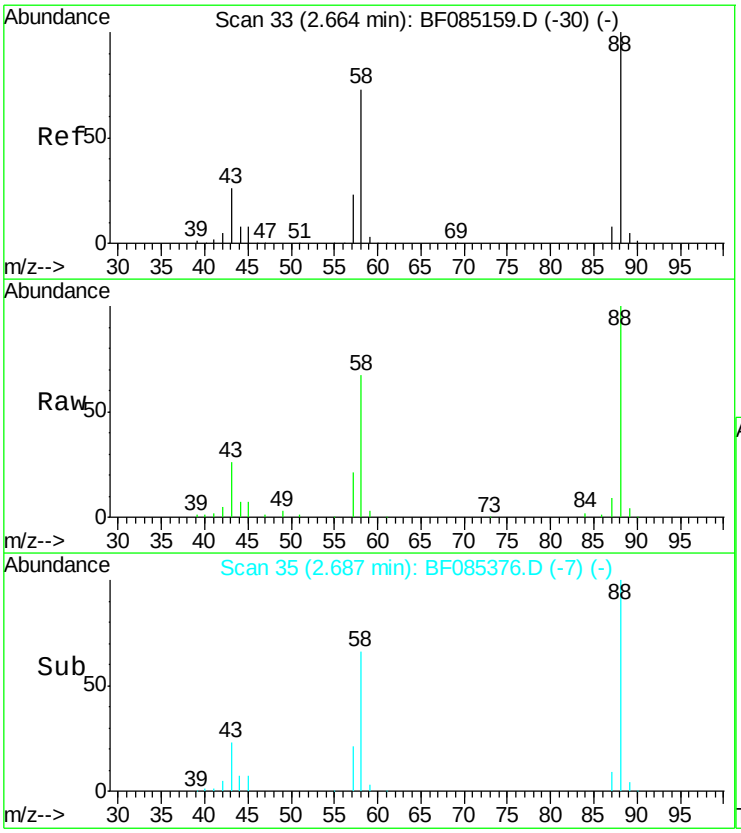
Tgt Ion:152 Resp: 158259

Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.6	186.8
115	54.4	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

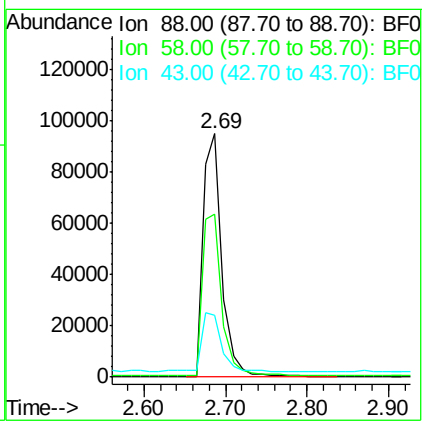
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

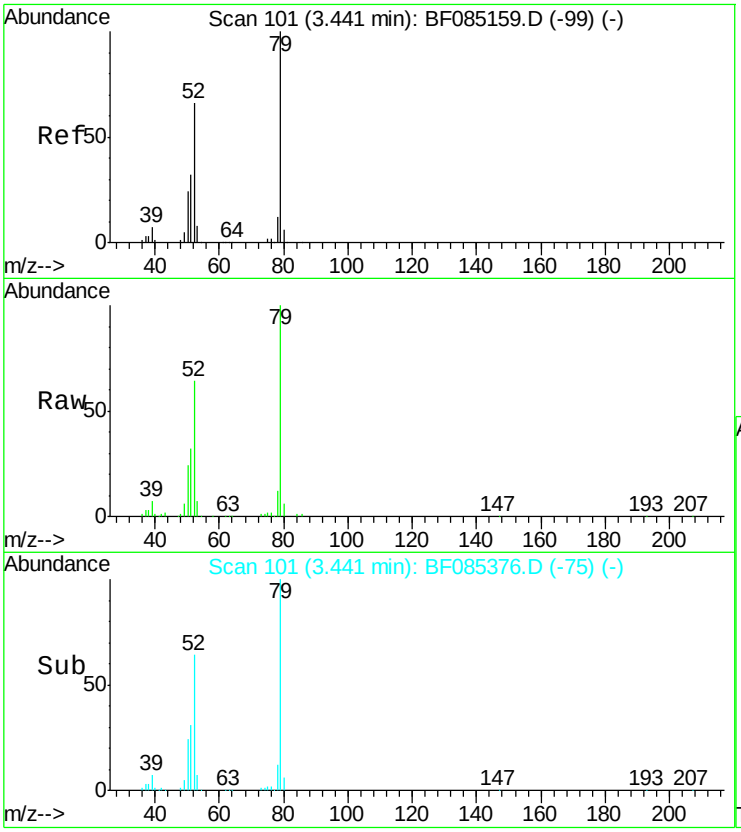


#2
1,4-Dioxane
Concen: 32.04 ng
RT: 2.69 min Scan# 35
Delta R.T. 0.02 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 88 Resp: 154605

Ion	Ratio	Lower	Upper
88	100		
58	67.6	57.0	85.6
43	25.0	20.5	30.7

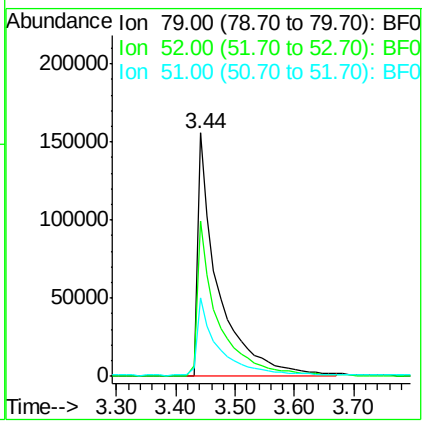




#3
Pyridine
Concen: 31.29 ng
RT: 3.44 min Scan# 101
Delta R.T. 0.00 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

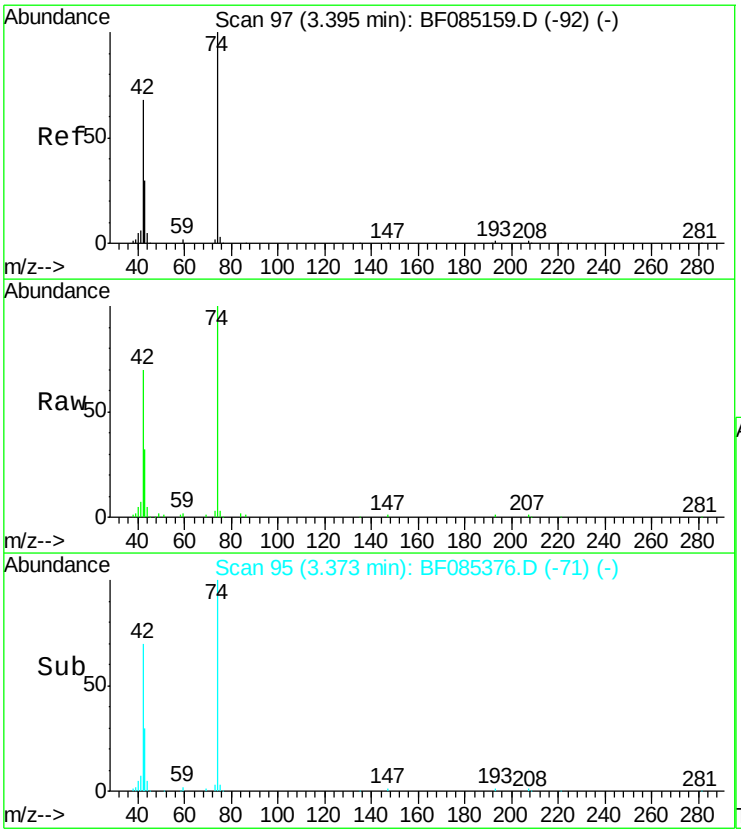
Tgt Ion: 79 Resp: 377870

Ion	Ratio	Lower	Upper
79	100		
52	63.7	52.6	79.0
51	32.1	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

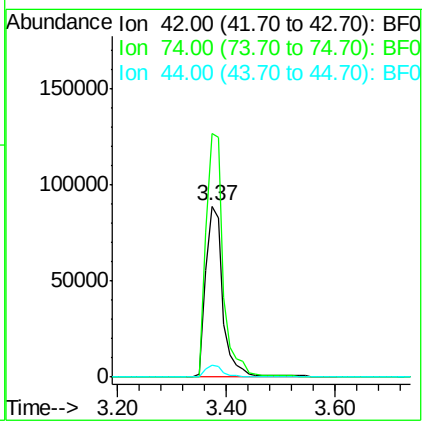
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

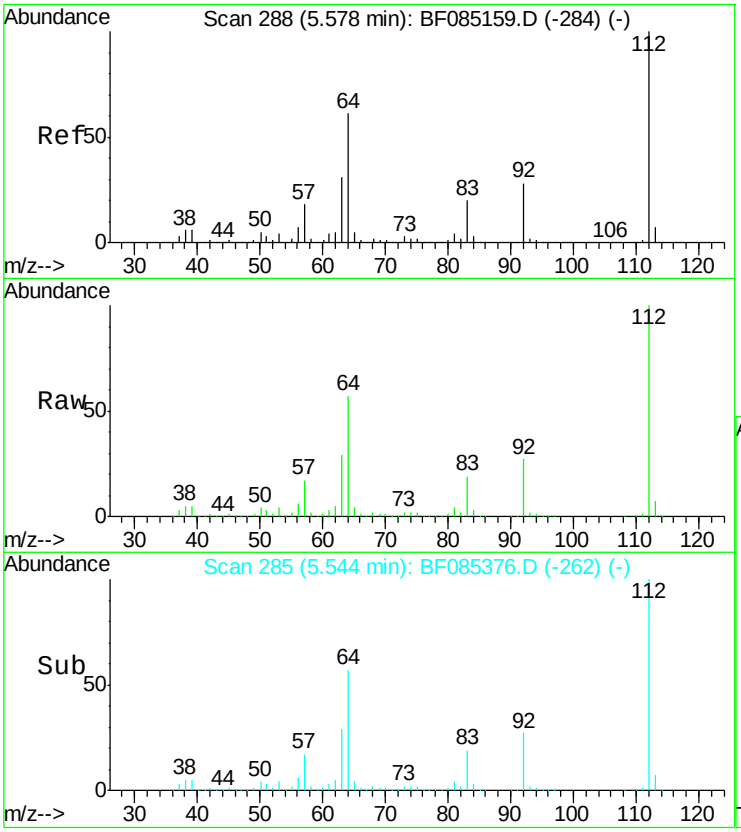


#4
n-Nitrosodimethylamine
Concen: 38.23 ng
RT: 3.37 min Scan# 95
Delta R.T. -0.02 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 42 Resp: 197568

Ion	Ratio	Lower	Upper
42	100		
74	142.5	116.8	175.2
44	6.8	5.5	8.3

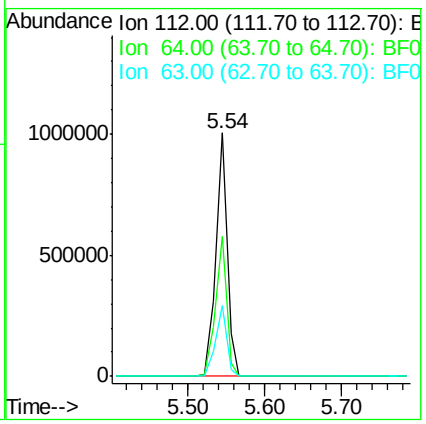




#5
2-Fluorophenol
Concen: 109.21 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

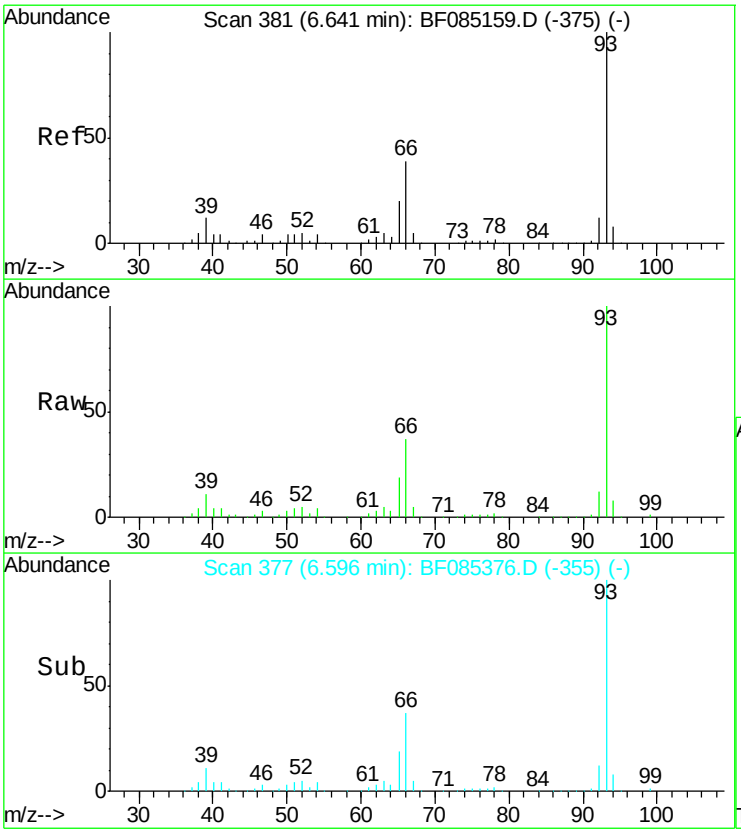
Tgt Ion:112 Resp: 1030371

Ion	Ratio	Lower	Upper
112	100		
64	57.3	49.0	73.4
63	28.9	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

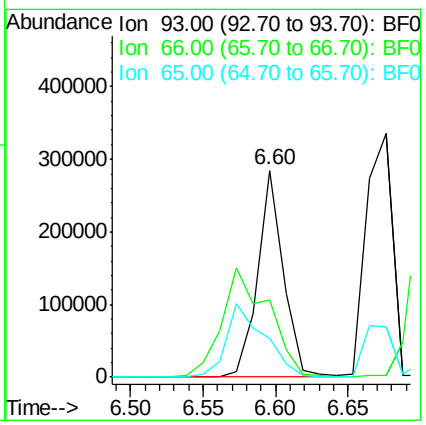
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

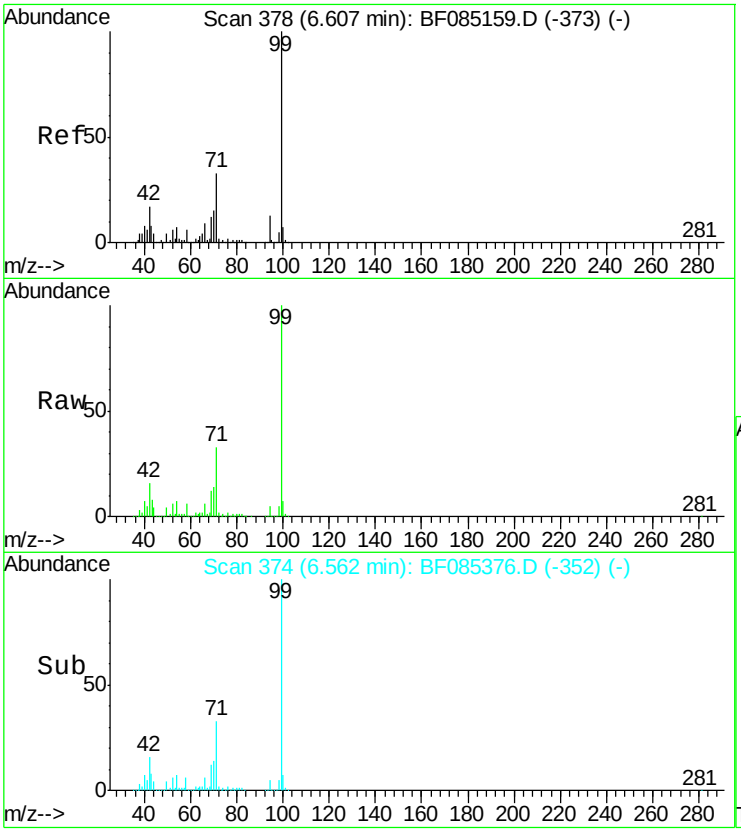


#6
Aniline
Concen: 20.27 ng
RT: 6.60 min Scan# 377
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 93 Resp: 351109

Ion	Ratio	Lower	Upper
93	100		
66	37.2	31.6	47.4
65	18.6	15.8	23.8

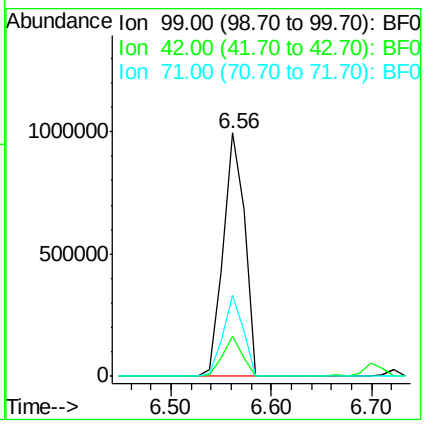




#7
Phenol-d6
Concen: 118.81 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

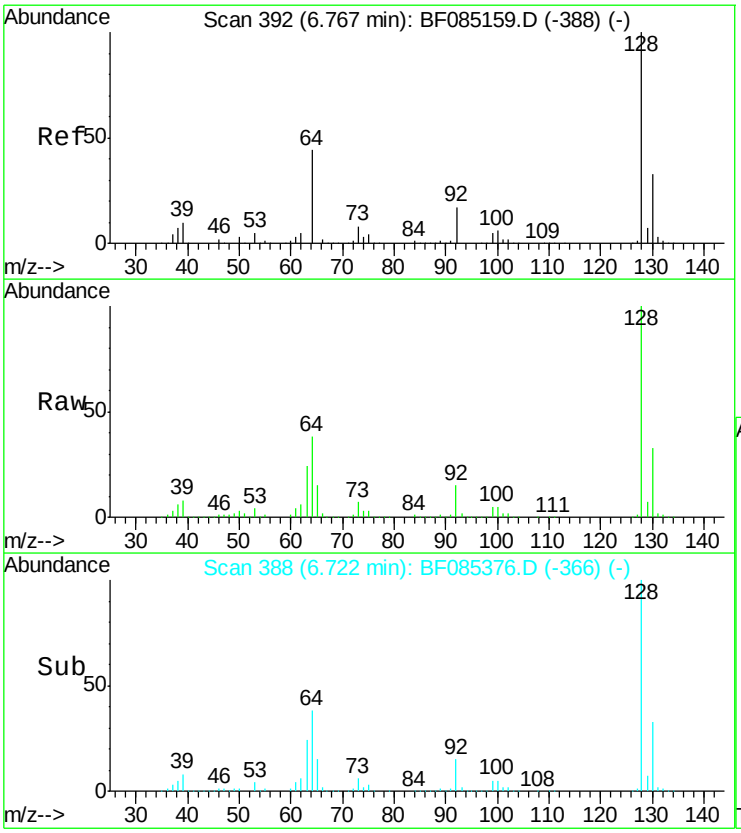
Tgt Ion: 99 Resp: 1468580

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	33.4	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

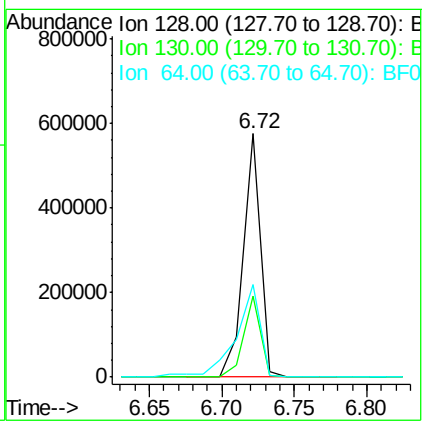
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

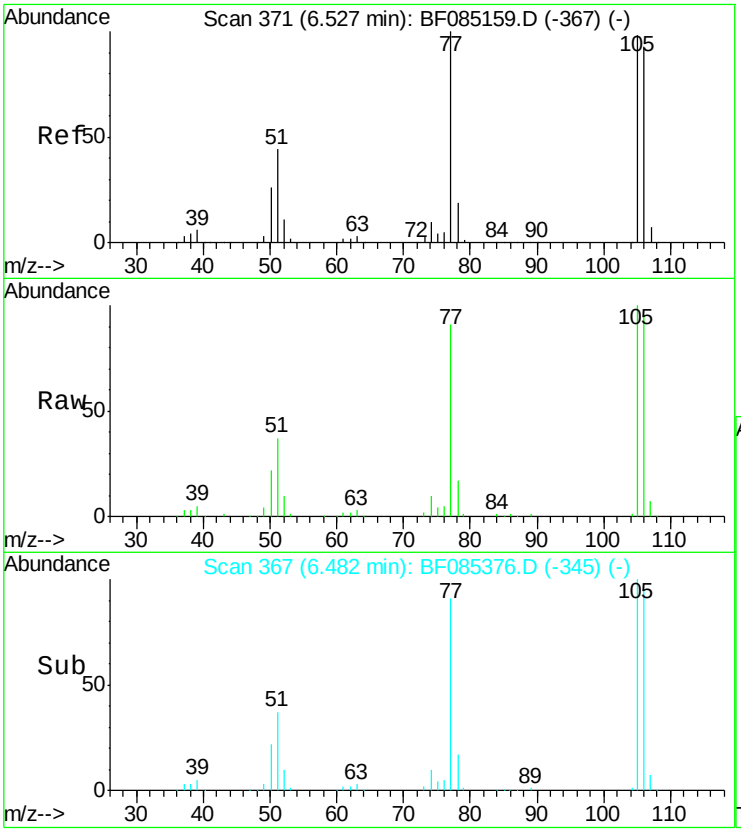


#8
2-Chlorophenol
Concen: 41.45 ng
RT: 6.72 min Scan# 388
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:128 Resp: 470784

Ion	Ratio	Lower	Upper
128	100		
130	33.2	13.3	53.3
64	37.8	25.7	65.7

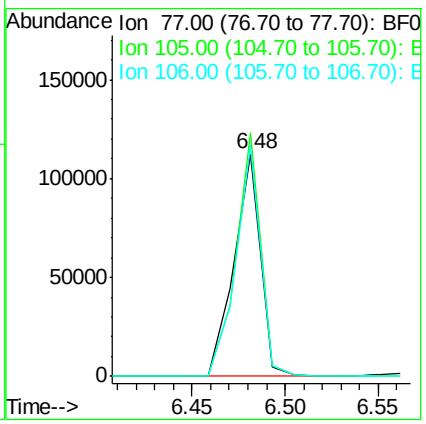




#9
Benzaldehyde
Concen: 15.73 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

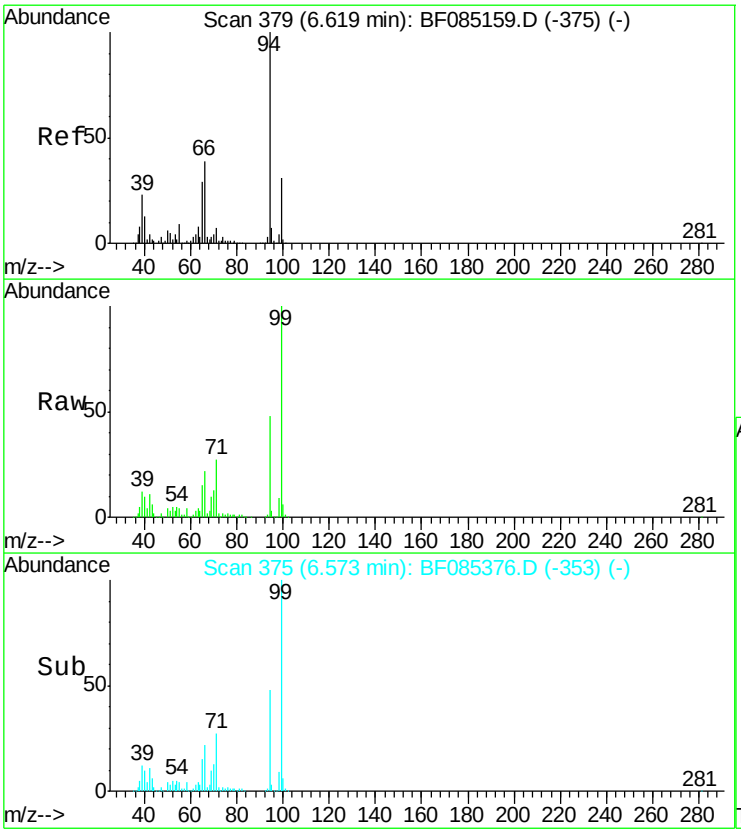
Tgt Ion: 77 Resp: 111256

Ion	Ratio	Lower	Upper
77	100		
105	109.7	78.2	118.2
106	104.1	72.9	112.9



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

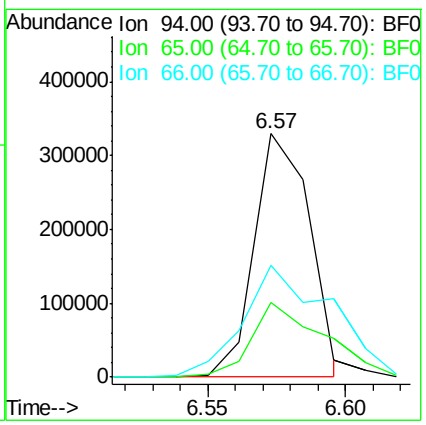
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

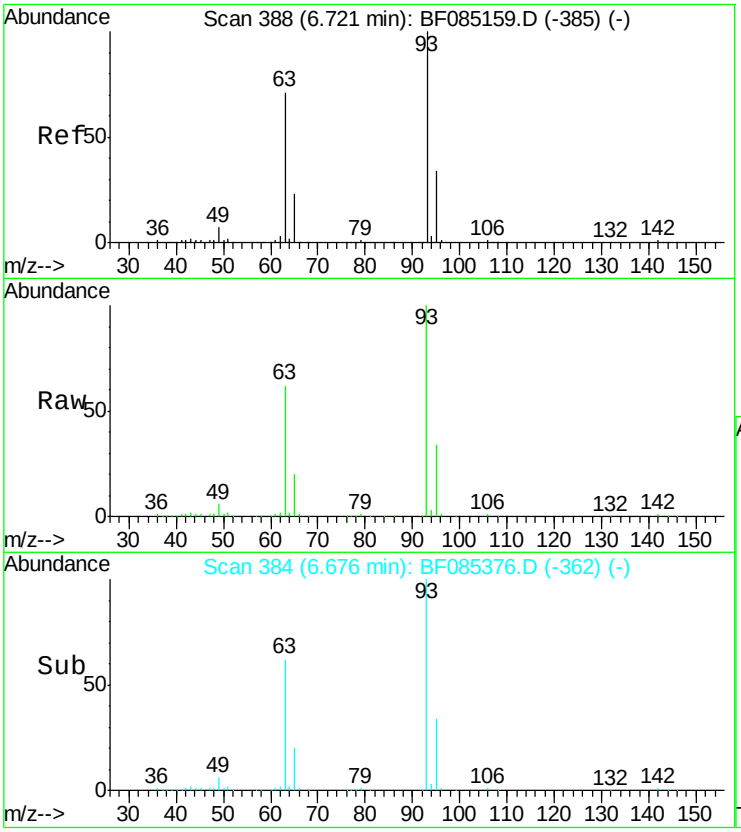


#10
Phenol
Concen: 34.64 ng m
RT: 6.57 min Scan# 375
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 94 Resp: 458653

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.1	49.1
66	45.7	19.3	59.3

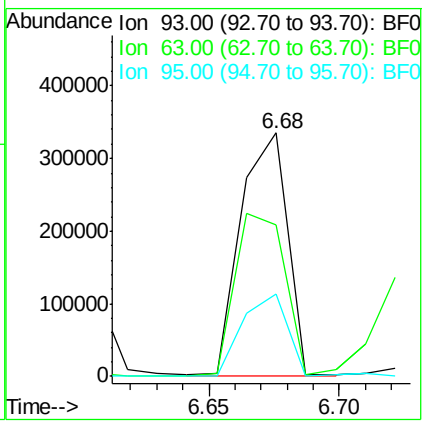




#11
bis(2-Chloroethyl)ether
Concen: 38.52 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

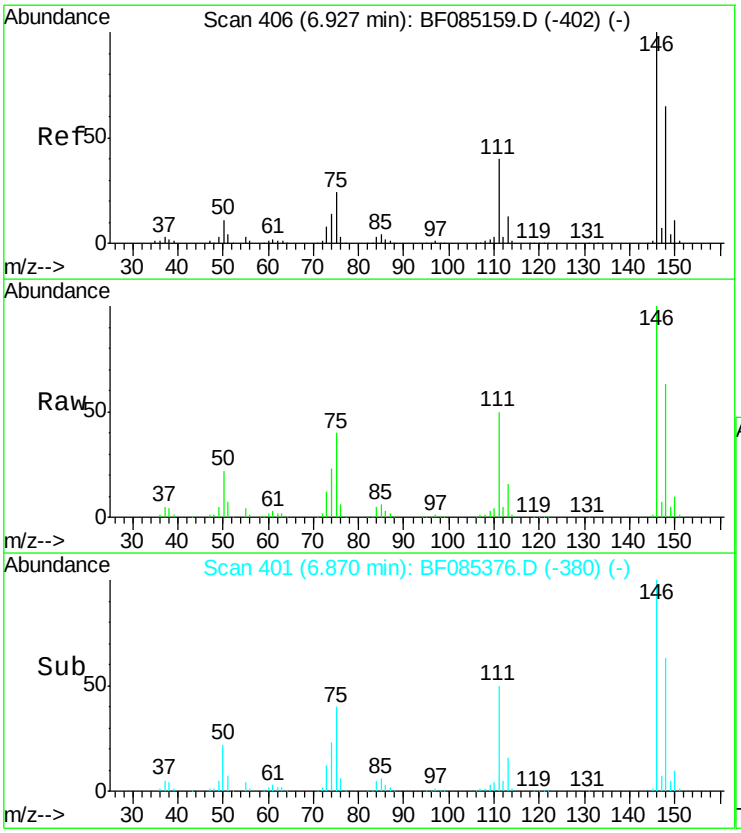
Tgt Ion: 93 Resp: 423604

Ion	Ratio	Lower	Upper
93	100		
63	62.3	50.9	90.9
95	33.6	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

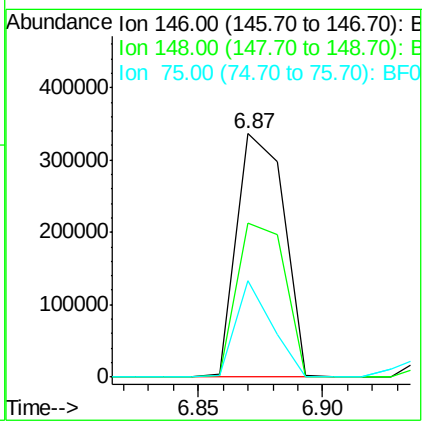
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

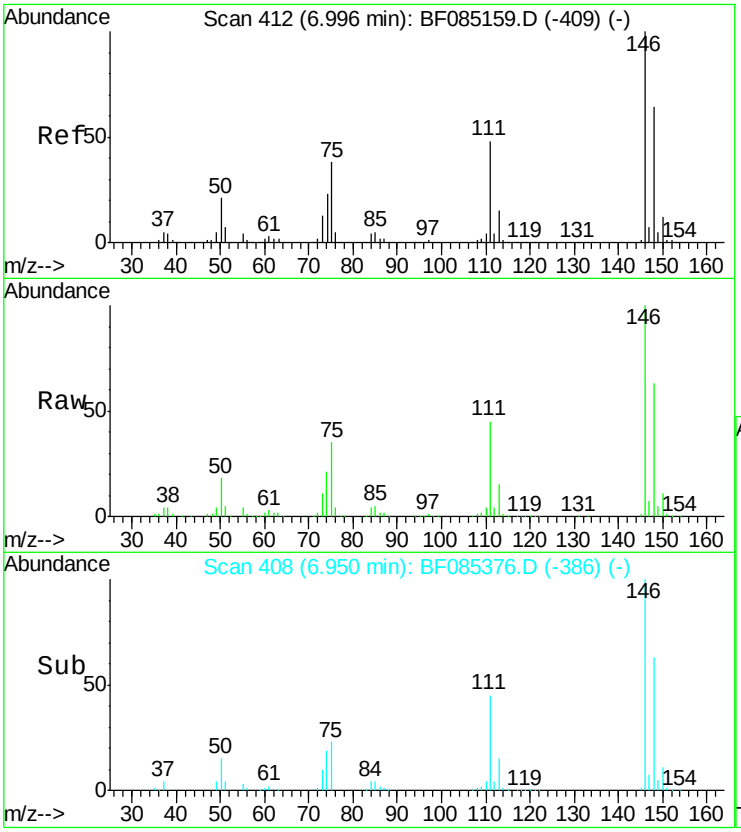


#12
1,3-Dichlorobenzene
Concen: 36.01 ng m
RT: 6.87 min Scan# 401
Delta R.T. -0.06 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:146 Resp: 439088

Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.1	78.1
75	39.8	19.5	29.3#

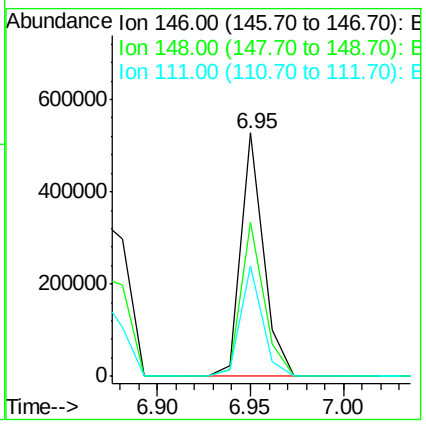




#13
1,4-Dichlorobenzene
Concen: 36.62 ng
RT: 6.95 min Scan# 408
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

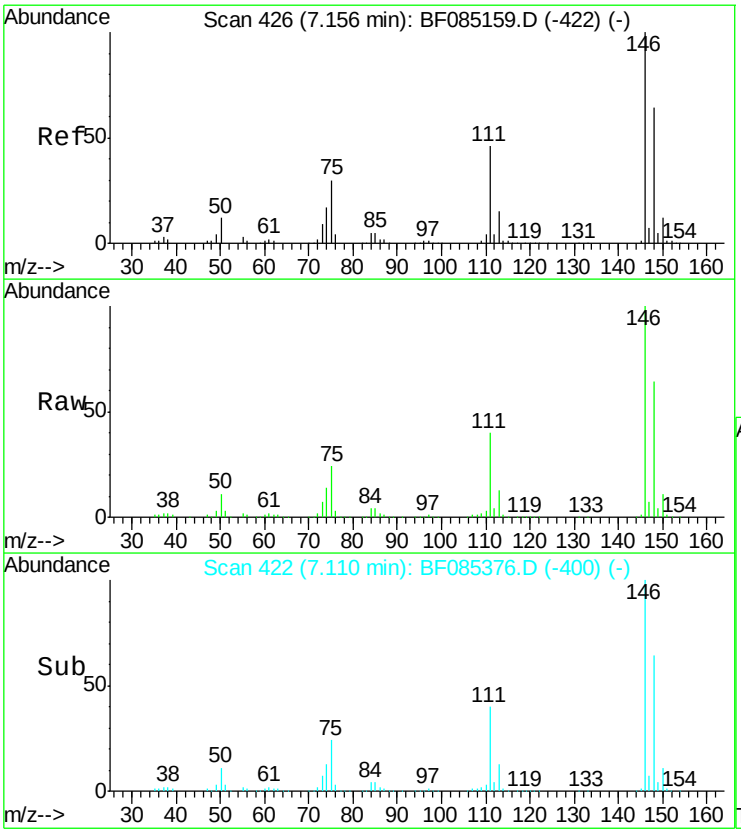
Tgt Ion:146 Resp: 447603

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
111	45.4	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

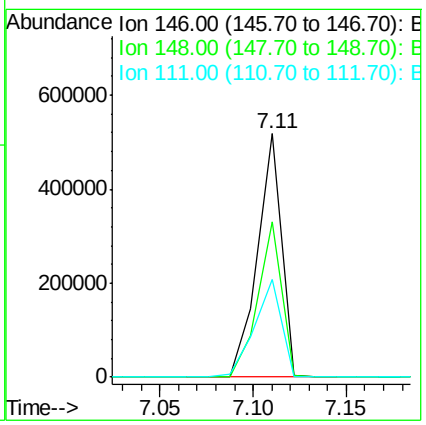
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

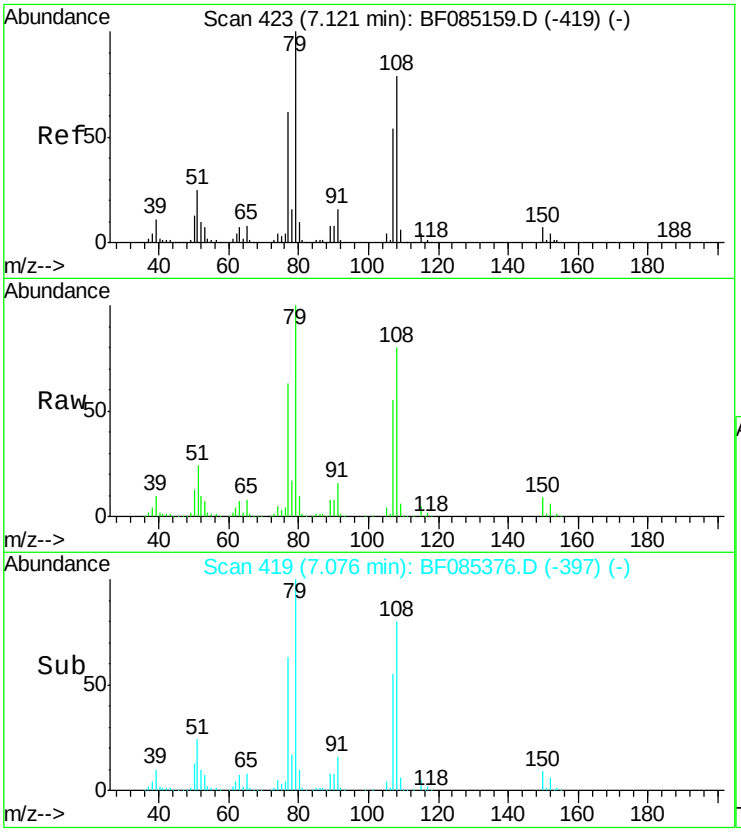


#14
1,2-Dichlorobenzene
Concen: 41.40 ng
RT: 7.11 min Scan# 422
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:146 Resp: 459107

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	40.3	36.7	55.1





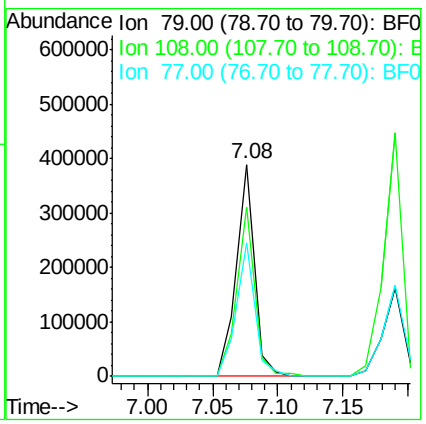
#15
Benzyl Alcohol
Concen: 41.62 ng
RT: 7.08 min Scan# 419
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

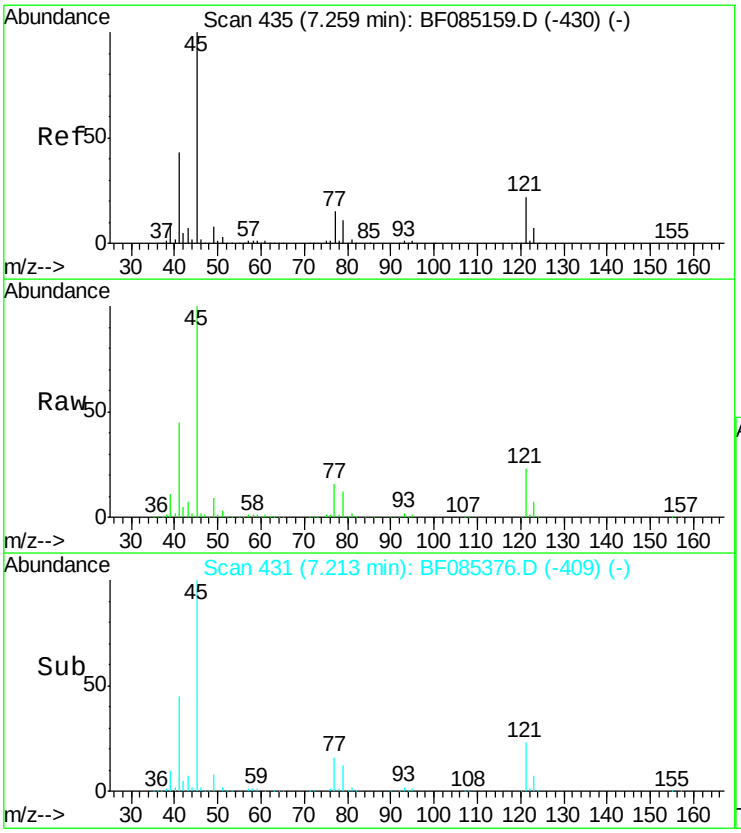
Tgt Ion: 79 Resp: 377700

Ion	Ratio	Lower	Upper
79	100		
108	80.0	62.9	94.3
77	63.1	49.5	74.3

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

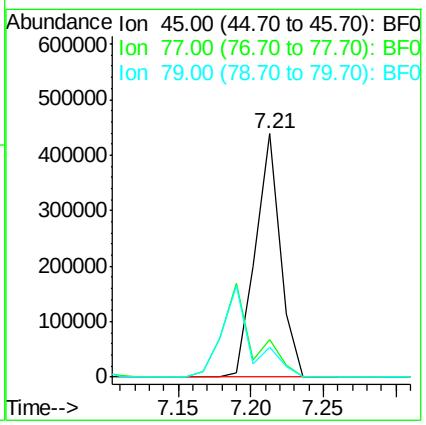


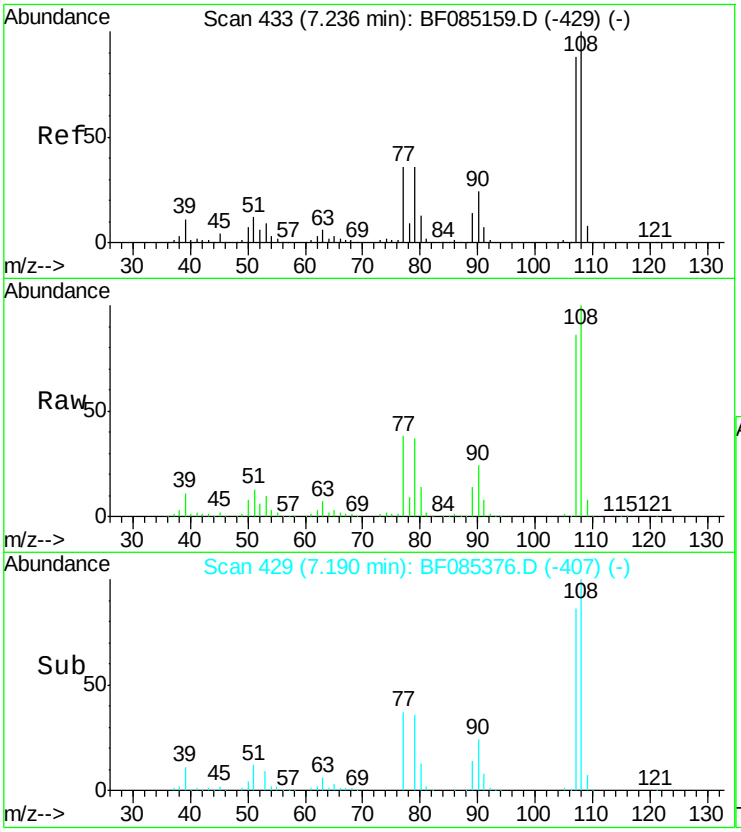


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.92 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 45 Resp: 521830

Ion	Ratio	Lower	Upper
45	100		
77	15.6	0.0	35.1
79	12.1	0.0	31.3

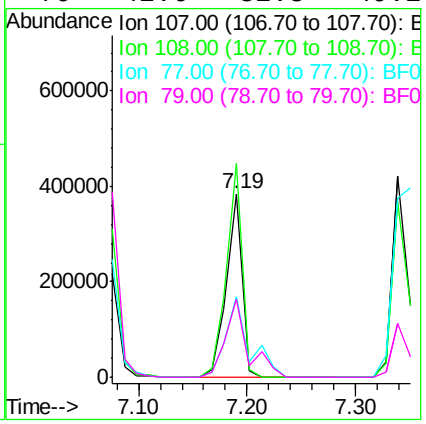




#17
2-Methylphenol
Concen: 41.29 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

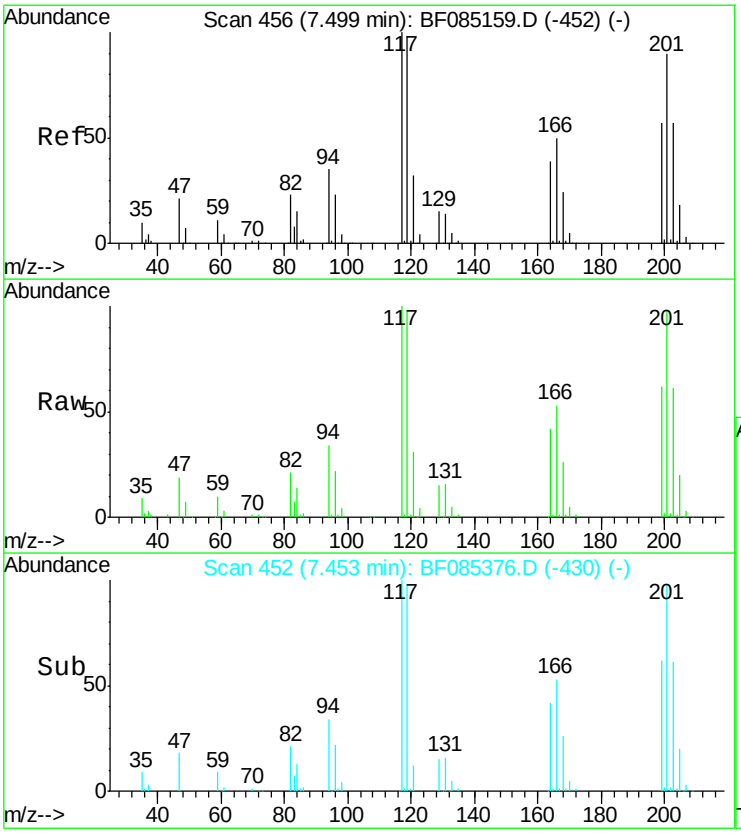
Tgt Ion:107 Resp: 382691

Ion	Ratio	Lower	Upper
107	100		
108	116.5	90.9	136.3
77	44.0	32.6	48.8
79	42.6	32.8	49.2



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

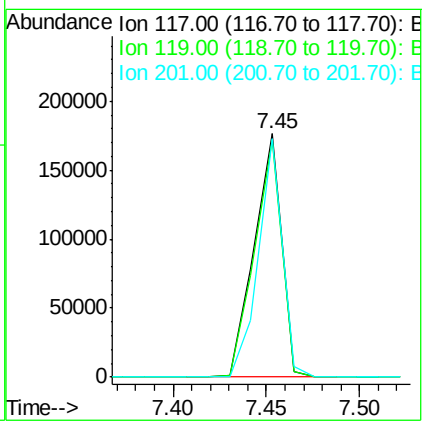
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

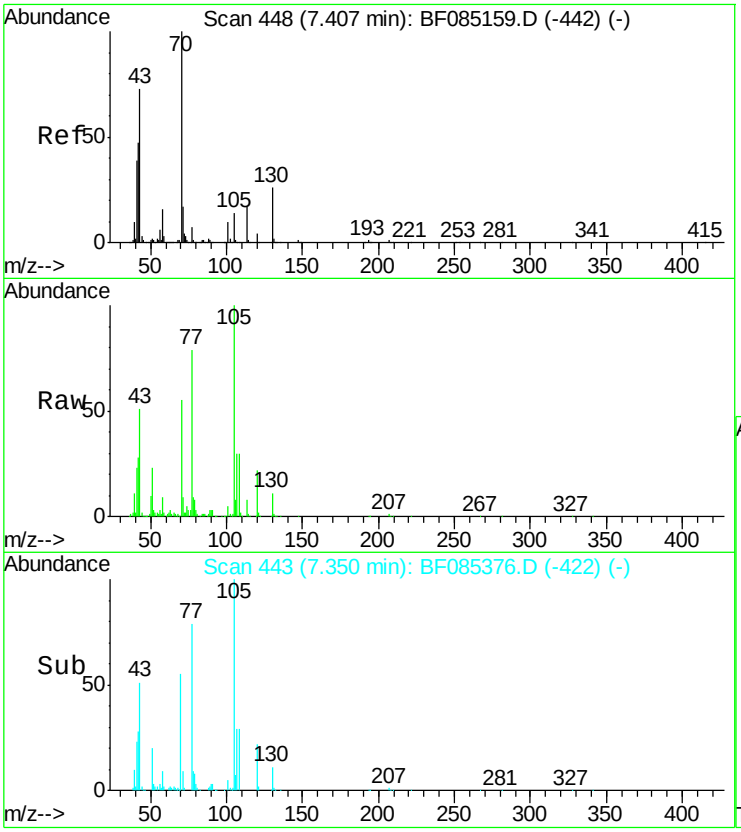


#18
Hexachloroethane
Concen: 39.52 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:117 Resp: 178202

Ion	Ratio	Lower	Upper
117	100		
119	97.6	78.2	117.4
201	98.1	72.0	108.0

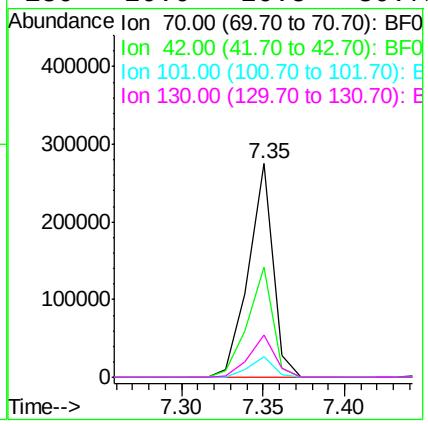




#19
n-Nitroso-di-n-propylamine
Concen: 35.95 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

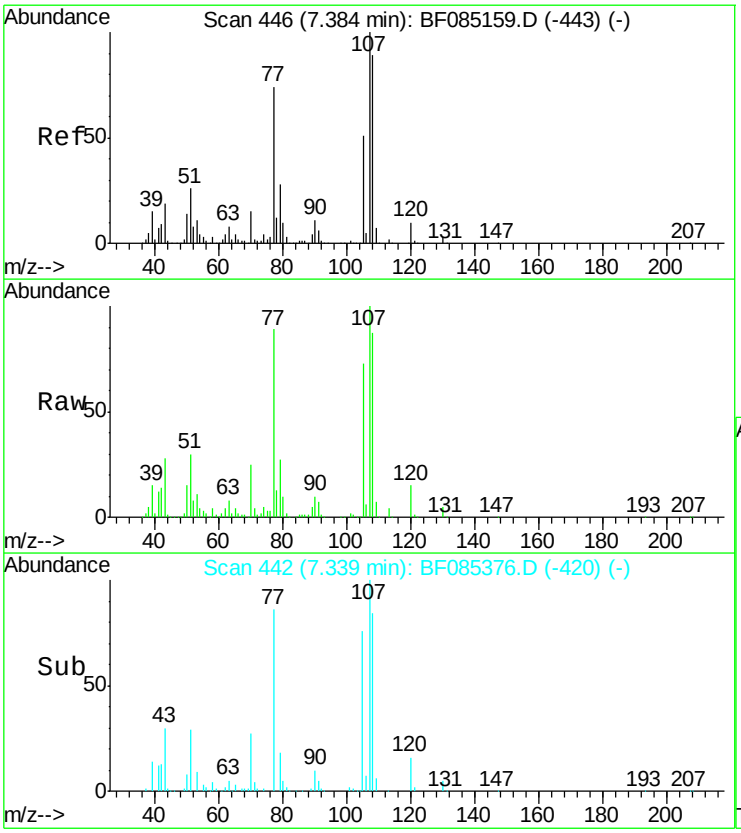
Tgt Ion: 70 Resp: 289629

Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.7	56.5
101	9.3	8.2	12.4
130	20.0	20.5	30.7#



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

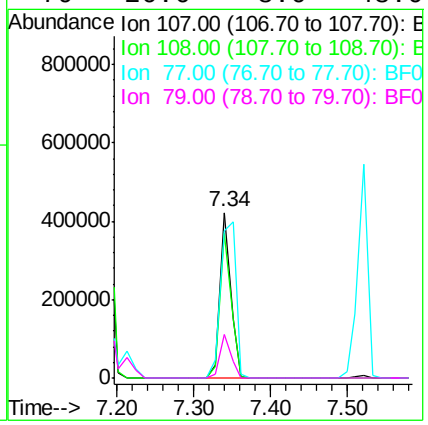
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

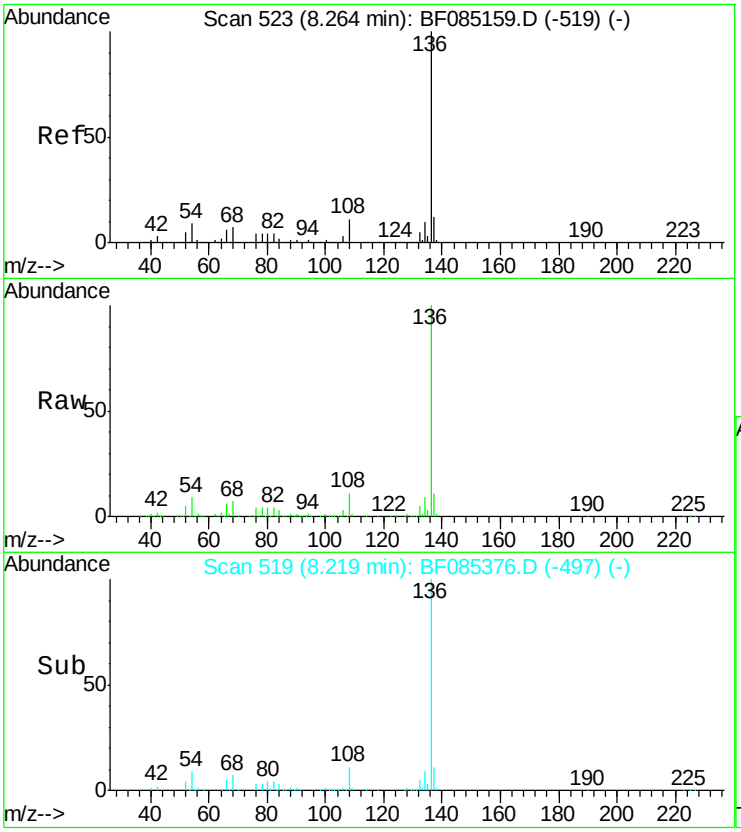


#20
3+4-Methylphenols
Concen: 38.44 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:107 Resp: 422023

Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.8	108.8
77	89.1	53.6	93.6
79	26.6	8.0	48.0

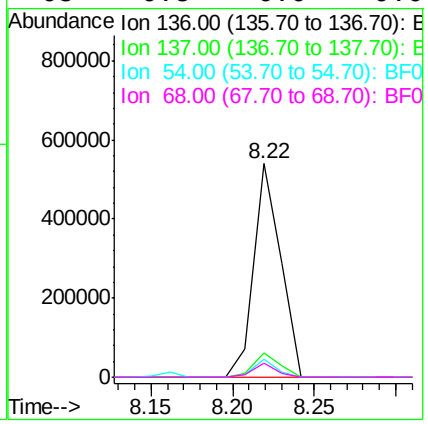




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

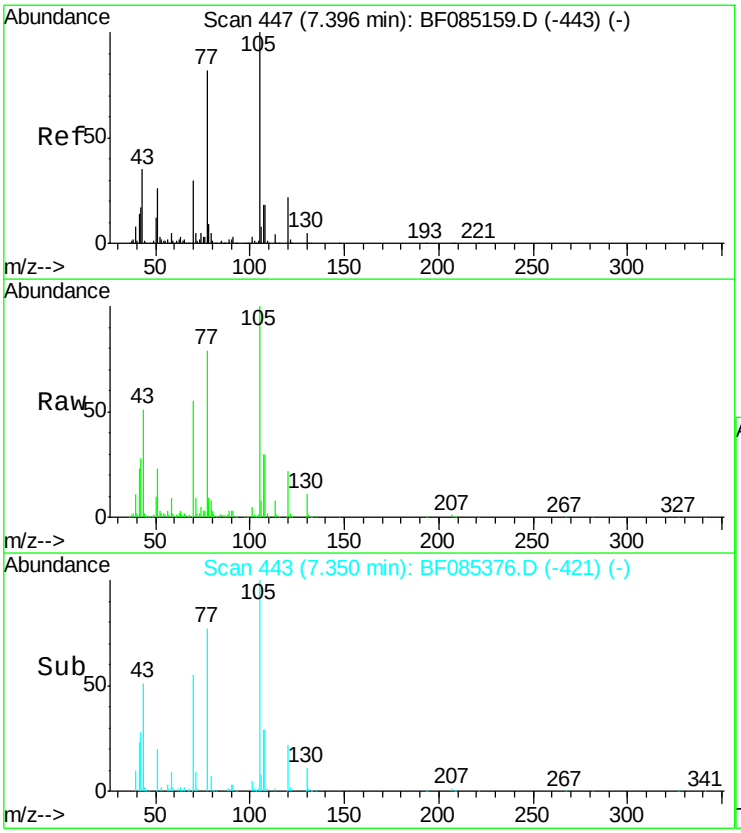
Tgt Ion:136 Resp: 618179

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.5	7.4	11.2
68	6.8	6.0	9.0



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

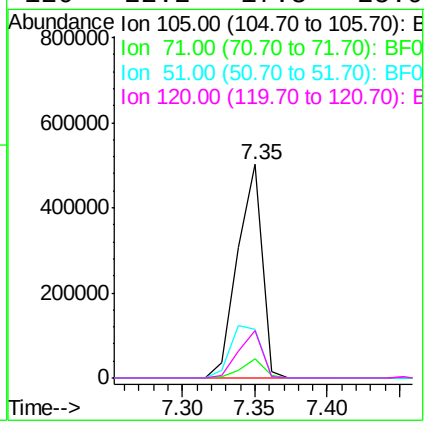
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

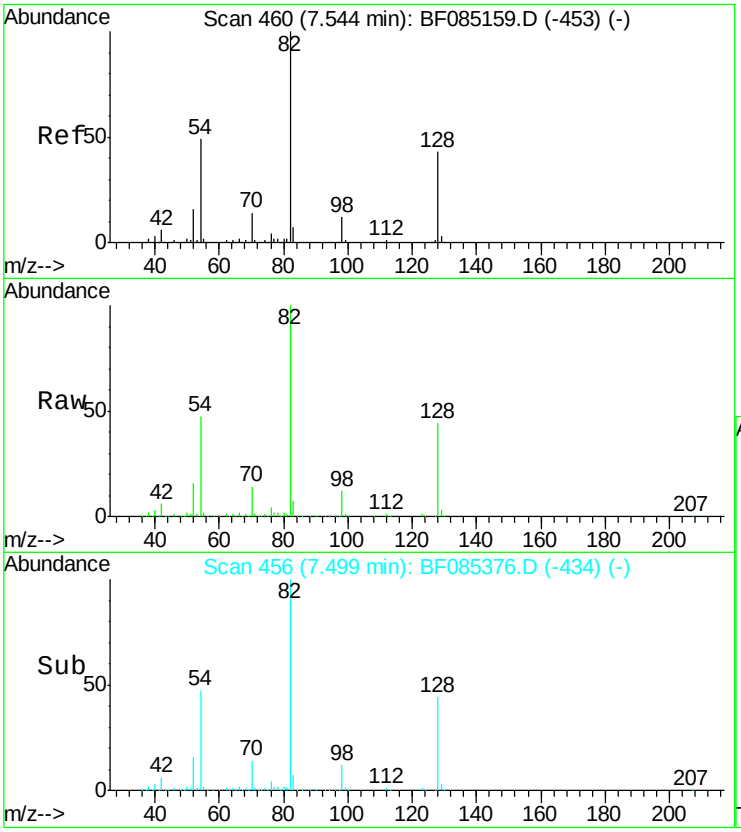


#22
Acetophenone
Concen: 39.17 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:105 Resp: 591038

Ion	Ratio	Lower	Upper
105	100		
71	9.2	4.1	6.1#
51	23.1	21.1	31.7
120	22.2	17.3	25.9

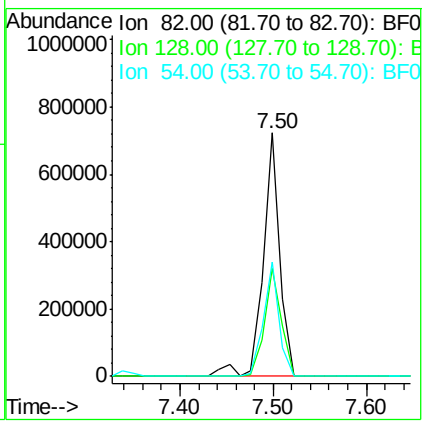




#23
Nitrobenzene-d5
Concen: 77.74 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

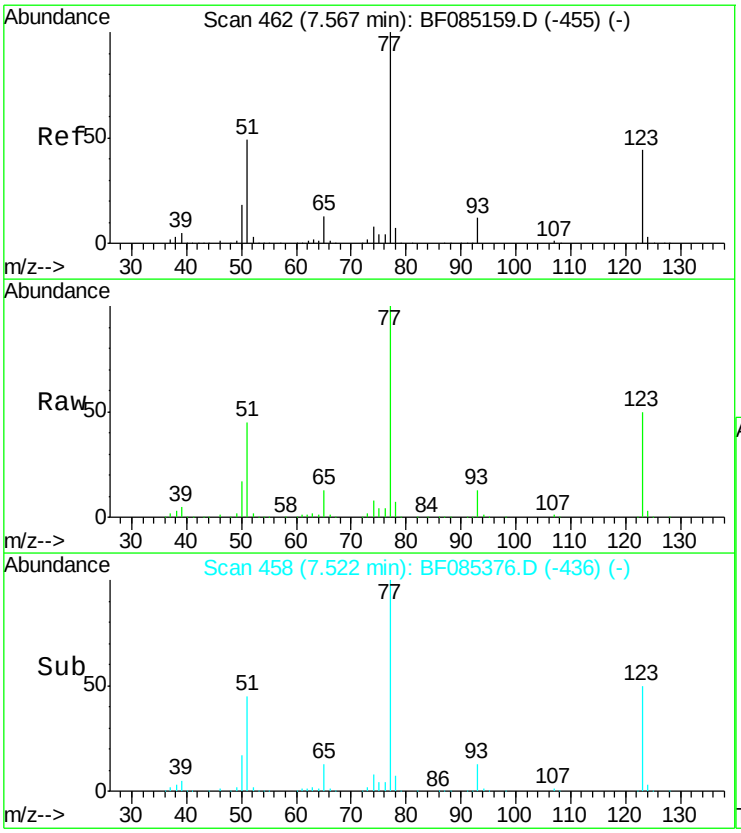
Tgt Ion: 82 Resp: 898054

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.5	51.7
54	47.1	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

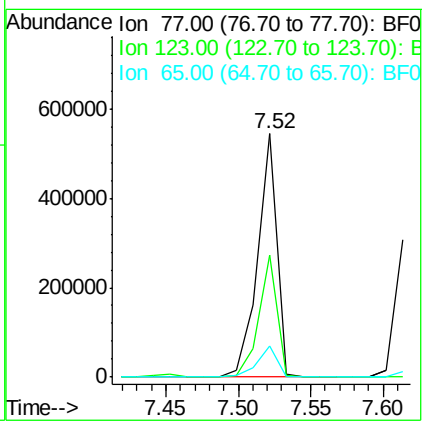
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

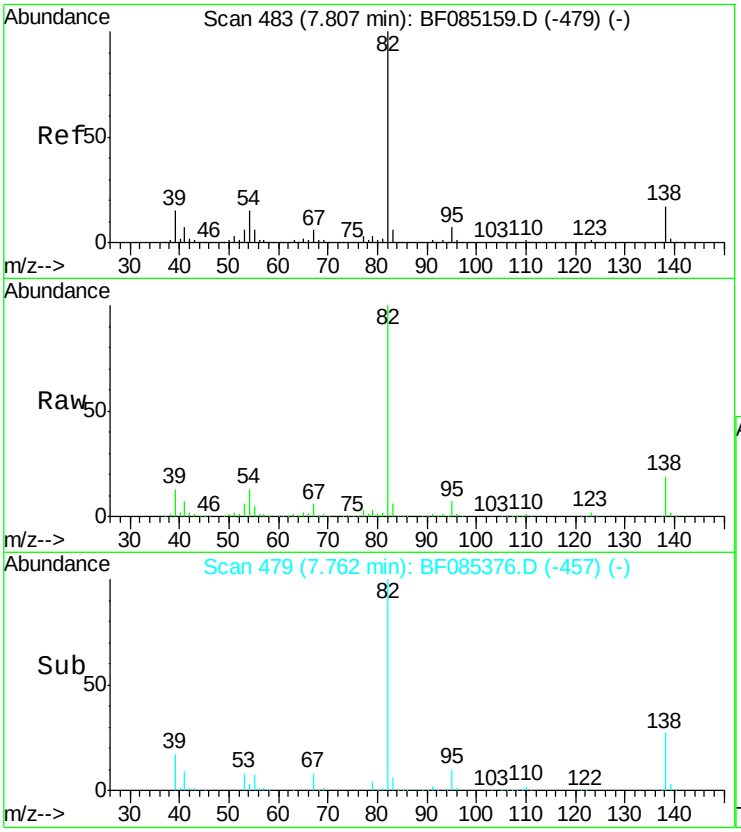


#24
Nitrobenzene
Concen: 42.73 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 77 Resp: 501500

Ion	Ratio	Lower	Upper
77	100		
123	50.2	35.4	53.2
65	12.9	10.6	16.0

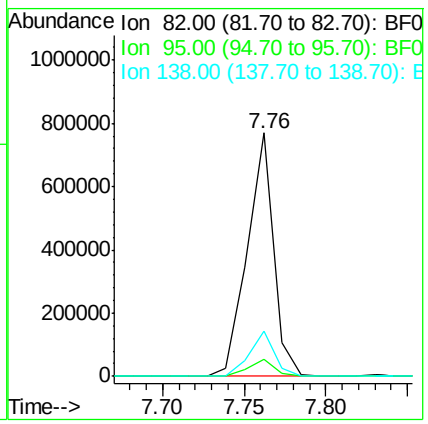




#25
Isophorone
Concen: 40.05 ng
RT: 7.76 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

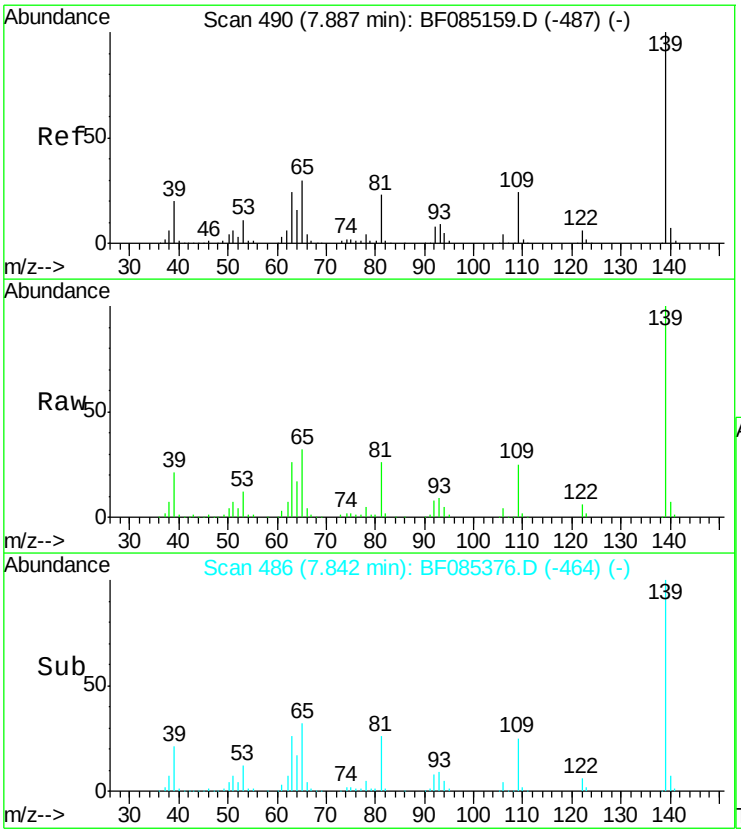
Tgt Ion: 82 Resp: 857412

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	18.7	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

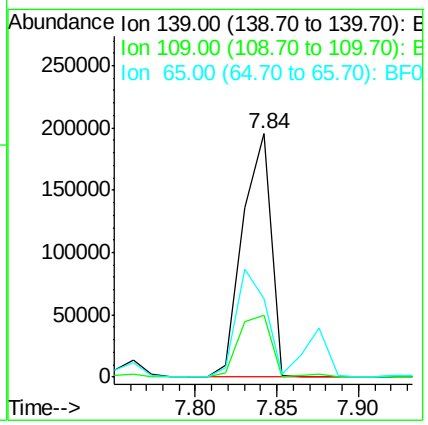
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

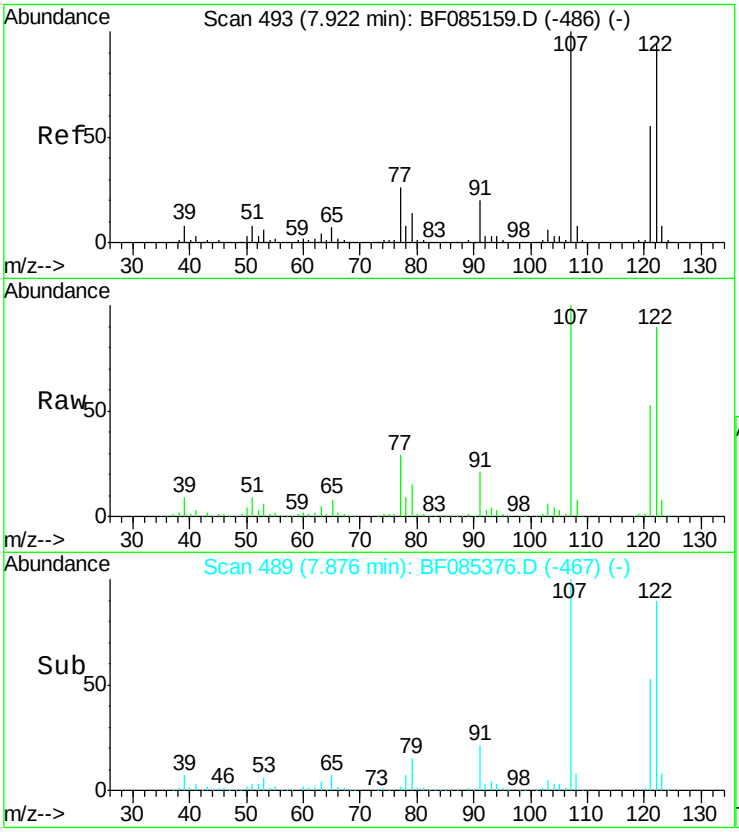


#26
2-Nitrophenol
Concen: 41.16 ng
RT: 7.84 min Scan# 486
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:139 Resp: 235082

Ion	Ratio	Lower	Upper
139	100		
109	25.2	19.1	28.7
65	32.0	23.9	35.9

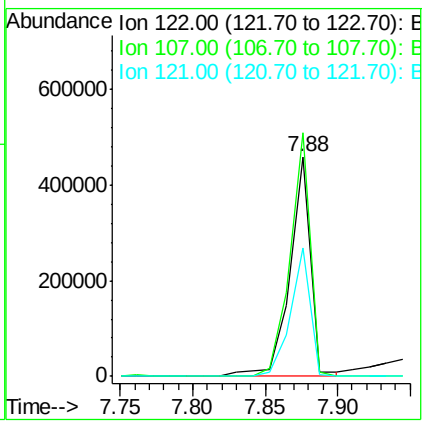




#27
2,4-Dimethylphenol
Concen: 43.62 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

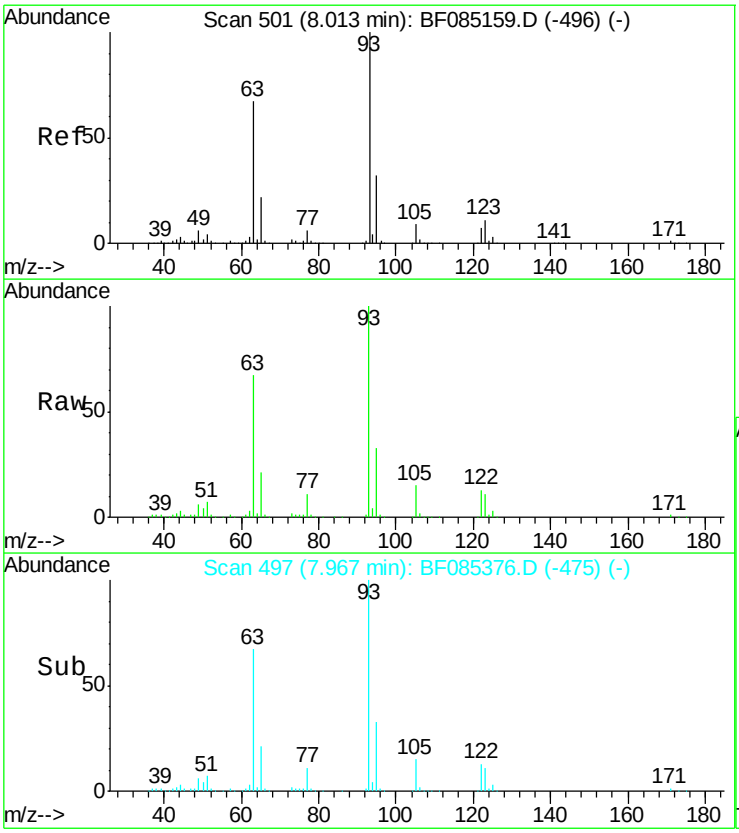
Tgt Ion:122 Resp: 455229

Ion	Ratio	Lower	Upper
122	100		
107	110.9	84.8	127.2
121	58.6	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

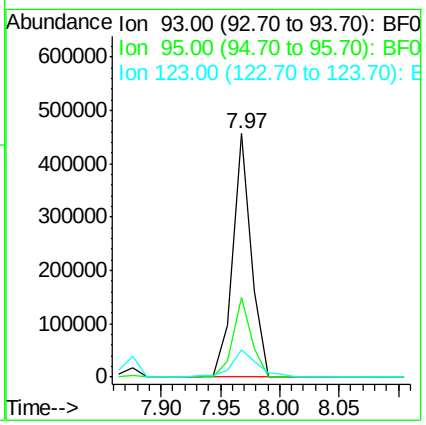
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

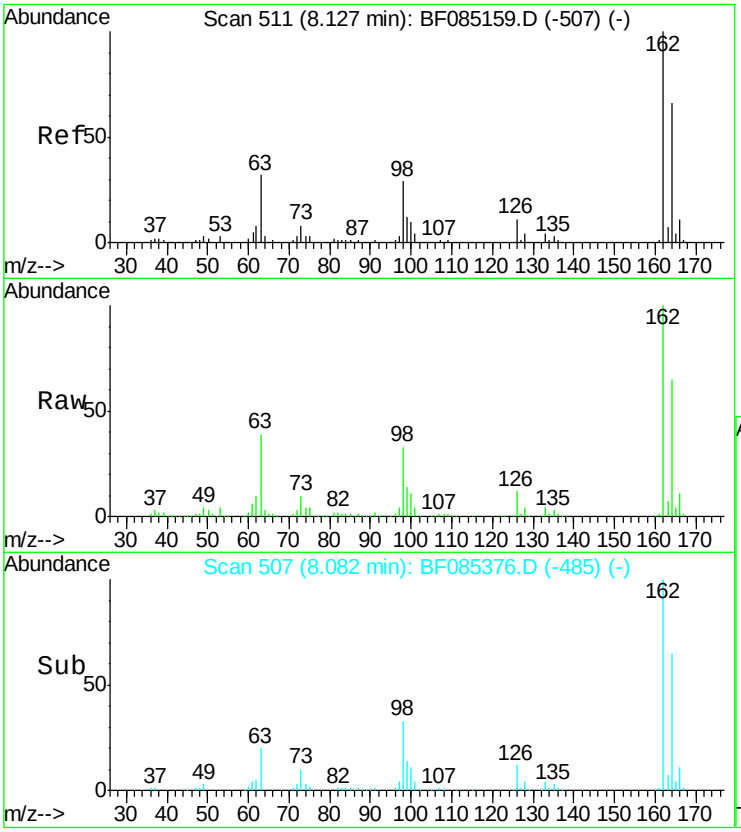


#28
bis(2-Chloroethoxy)methane
Concen: 41.52 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 93 Resp: 495072

Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.9	38.9
123	11.1	8.8	13.2

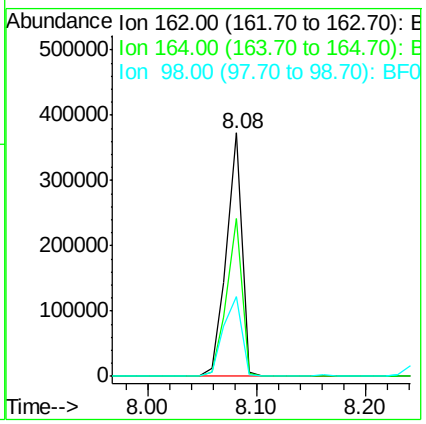




#29
2,4-Dichlorophenol
Concen: 43.95 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

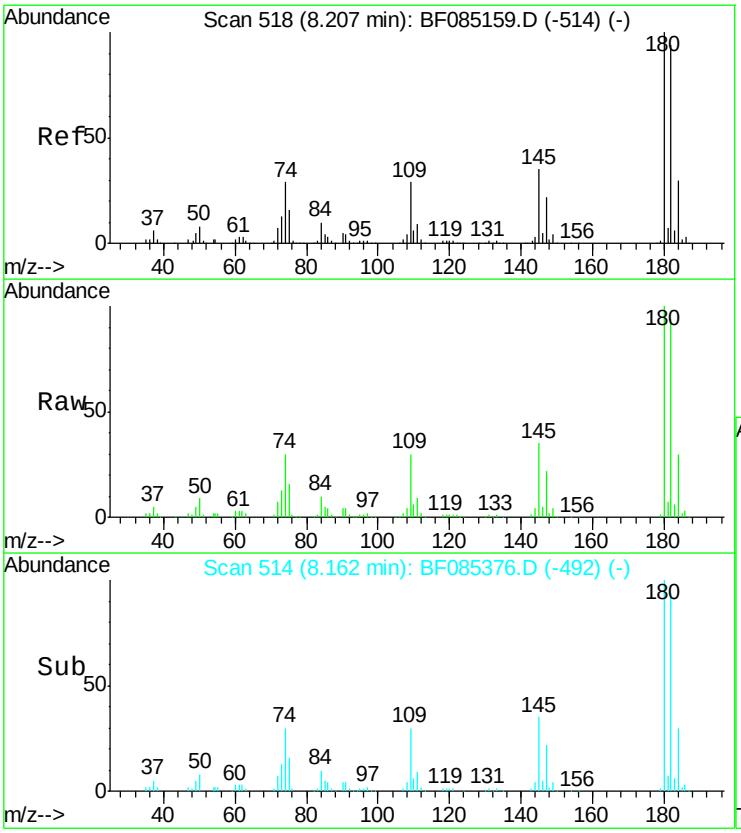
Tgt Ion:162 Resp: 369931

Ion	Ratio	Lower	Upper
162	100		
164	64.9	45.7	85.7
98	32.6	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

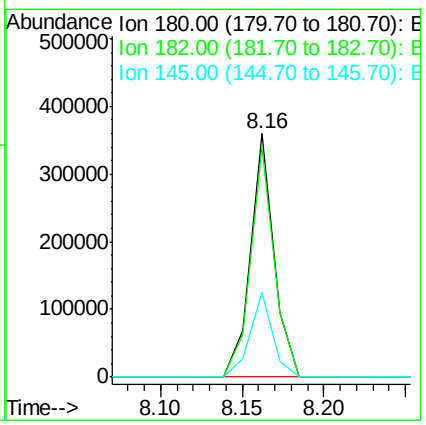
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

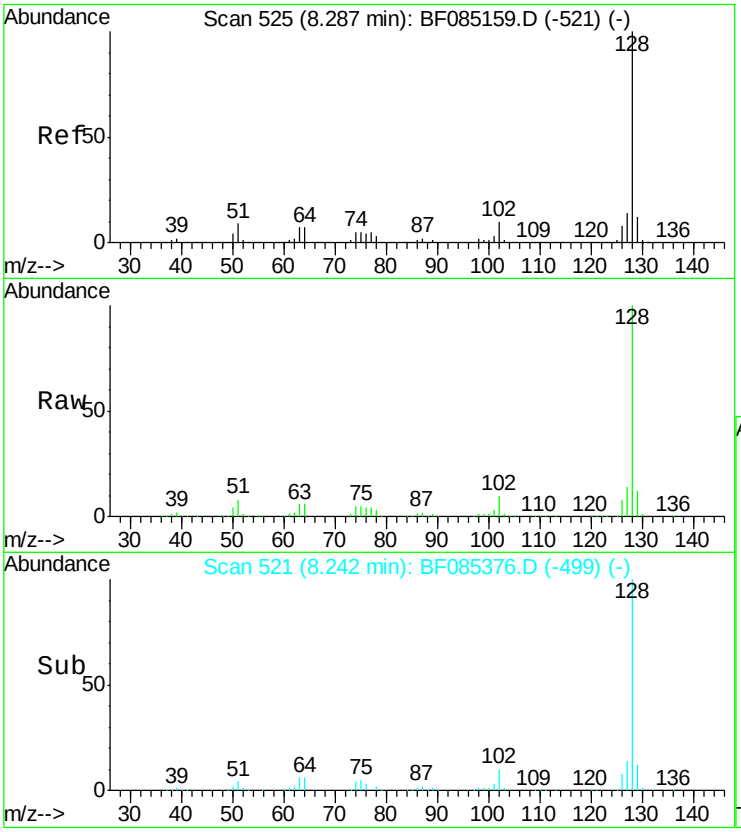


#30
1,2,4-Trichlorobenzene
Concen: 39.58 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:180 Resp: 360224

Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.9	112.3
145	34.7	27.9	41.9

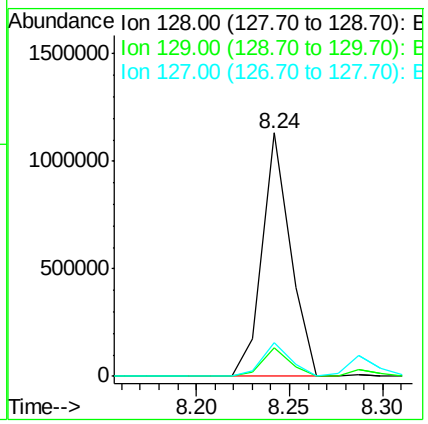




#31
Naphthalene
Concen: 39.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

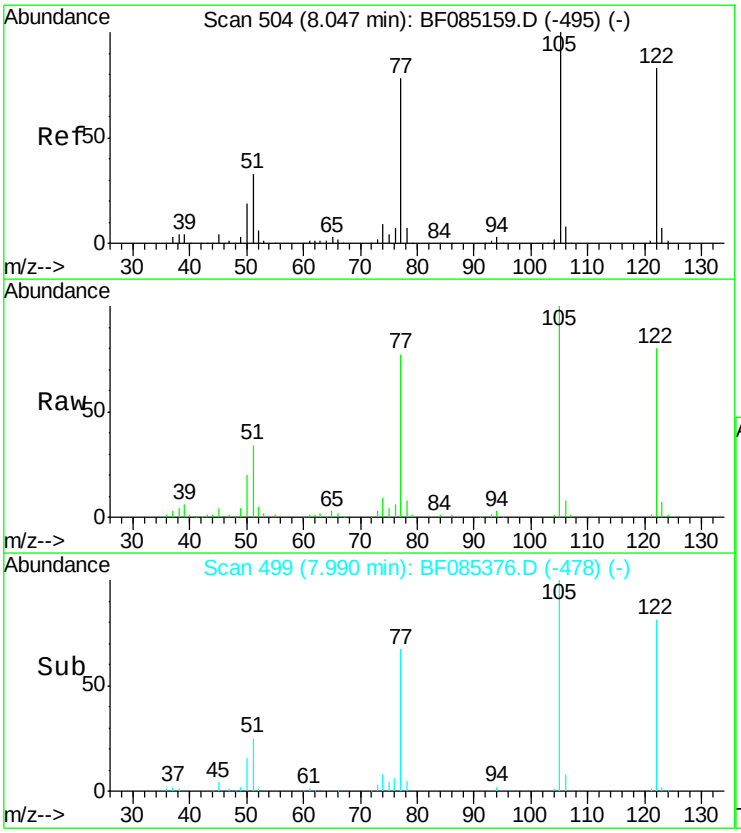
Tgt Ion:128 Resp: 1185363

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	13.7	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

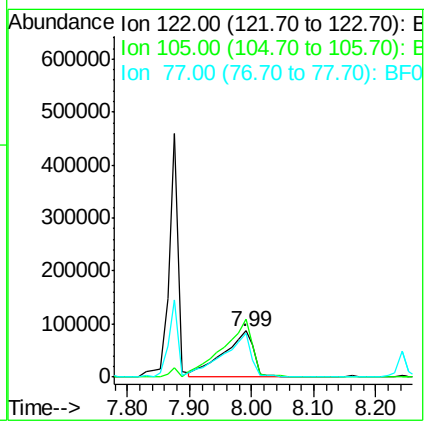
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

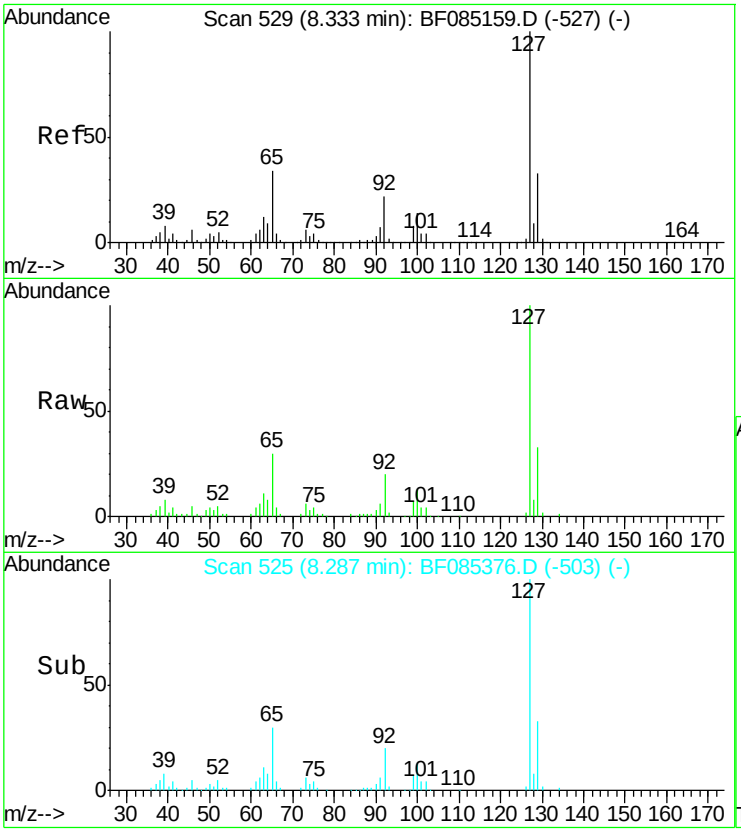


#32
Benzoic acid
Concen: 42.93 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.06 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:122 Resp: 297595

Ion	Ratio	Lower	Upper
122	100		
105	125.0	101.3	141.3
77	95.8	74.7	114.7

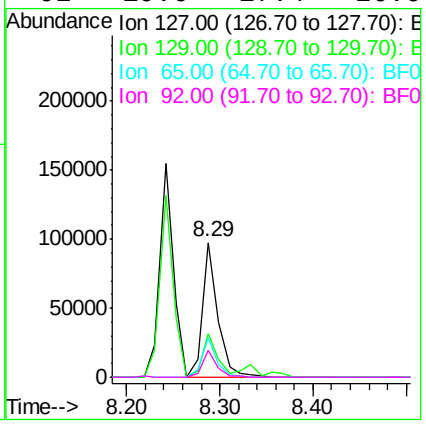




#33
4-Chloroaniline
Concen: 9.22 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

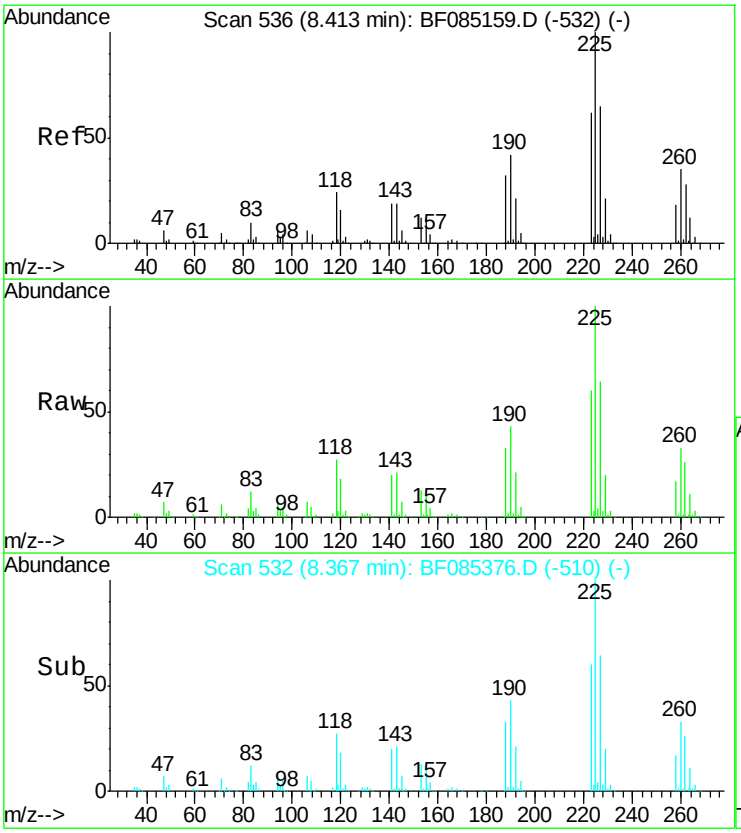
Tgt Ion:127 Resp: 113403

Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	30.0	27.0	40.6
92	19.6	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

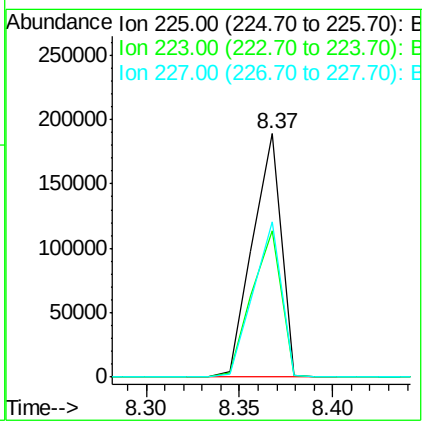
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

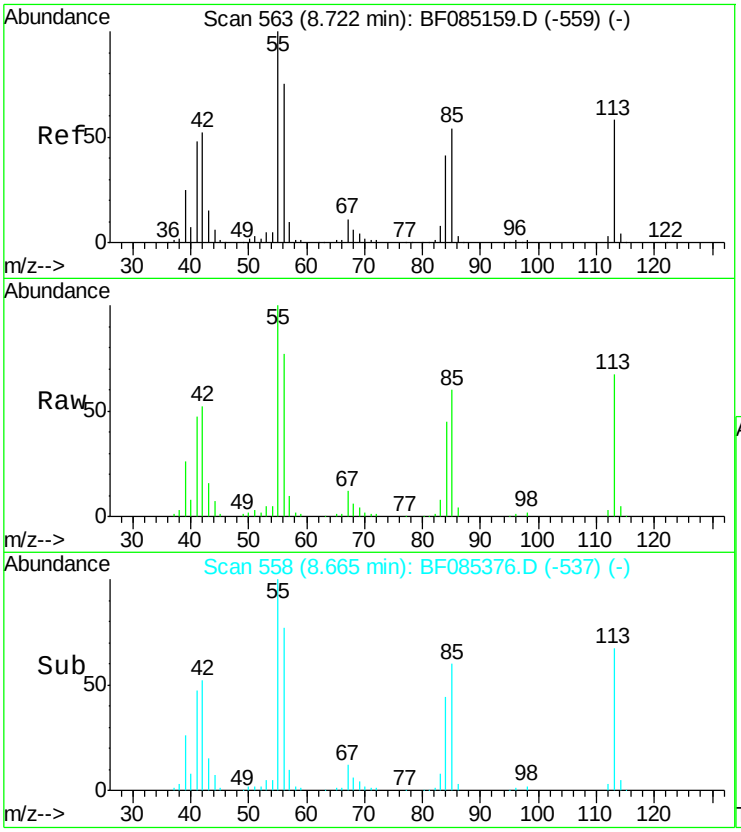


#34
Hexachlorobutadiene
Concen: 42.30 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:225 Resp: 200307

Ion	Ratio	Lower	Upper
225	100		
223	60.1	49.7	74.5
227	63.6	52.2	78.4

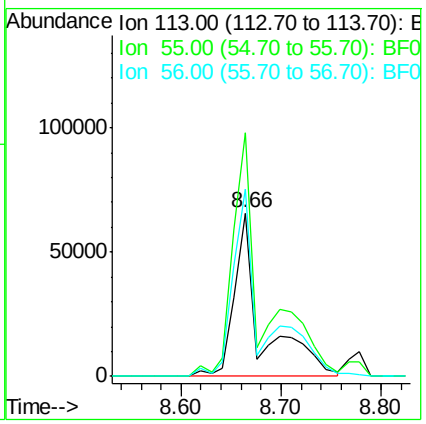




#35
Caprolactam
Concen: 45.42 ng m
RT: 8.66 min Scan# 558
Delta R.T. -0.06 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

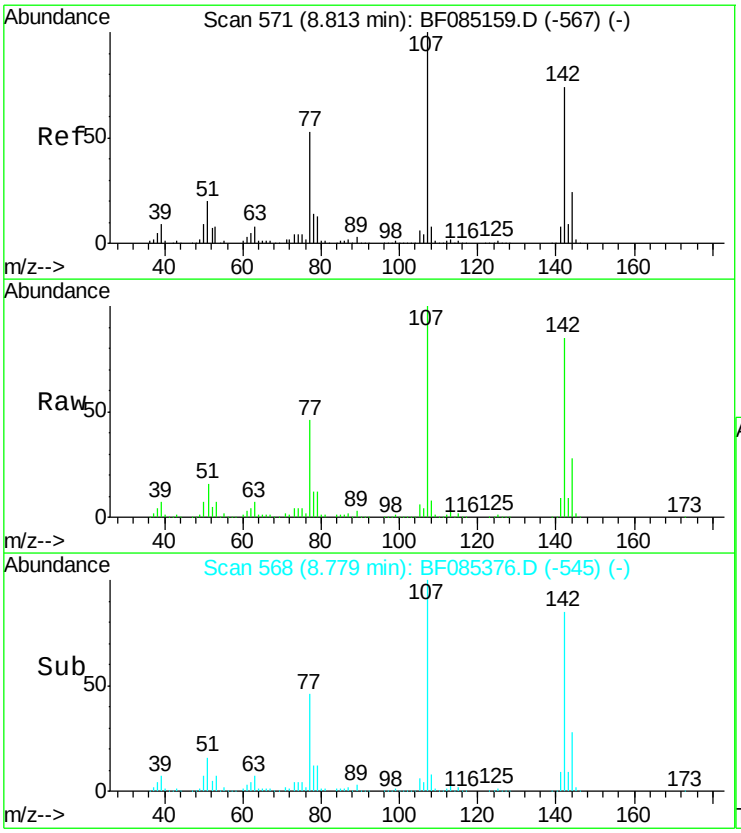
Tgt Ion:113 Resp: 124859

Ion	Ratio	Lower	Upper
113	100		
55	149.1	152.7	192.7#
56	114.8	109.0	149.0



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

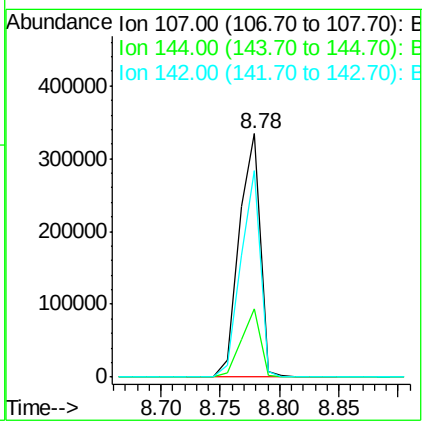
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

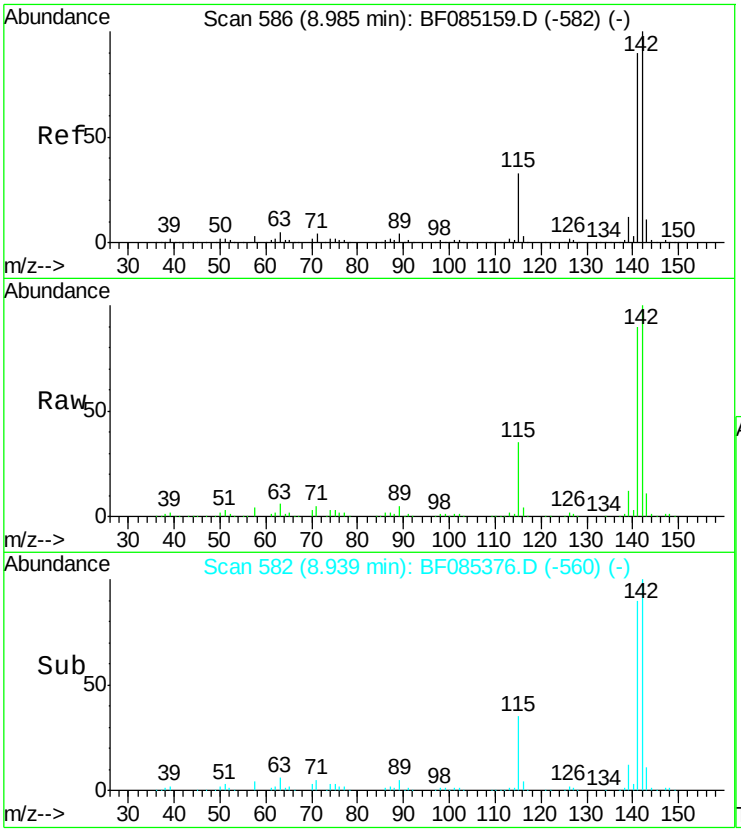


#36
4-Chloro-3-methylphenol
Concen: 43.32 ng
RT: 8.78 min Scan# 568
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:107 Resp: 413684

Ion	Ratio	Lower	Upper
107	100		
144	27.9	19.4	29.2
142	85.0	59.4	89.2

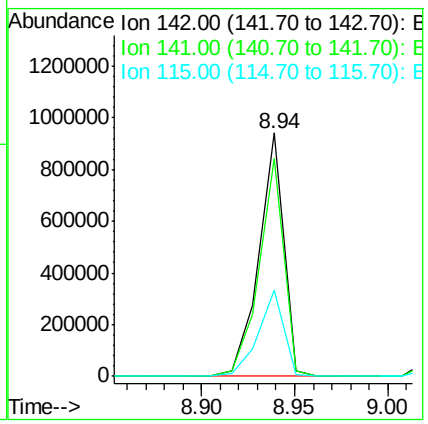




#37
2-Methylnaphthalene
Concen: 44.30 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

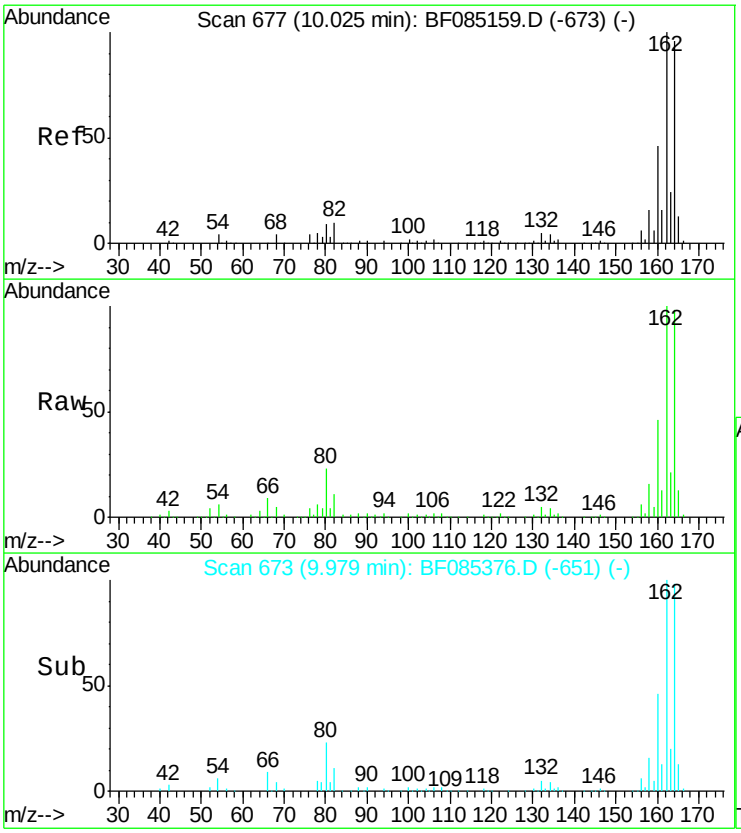
Tgt Ion:142 Resp: 864122

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.7	107.5
115	35.4	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

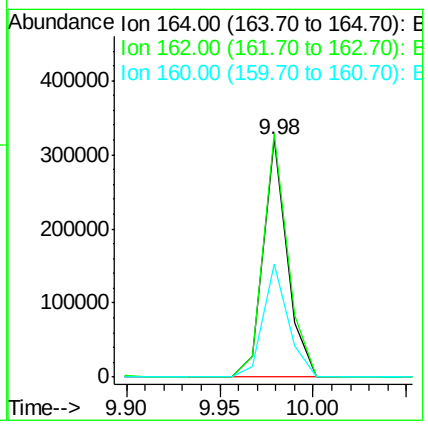
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

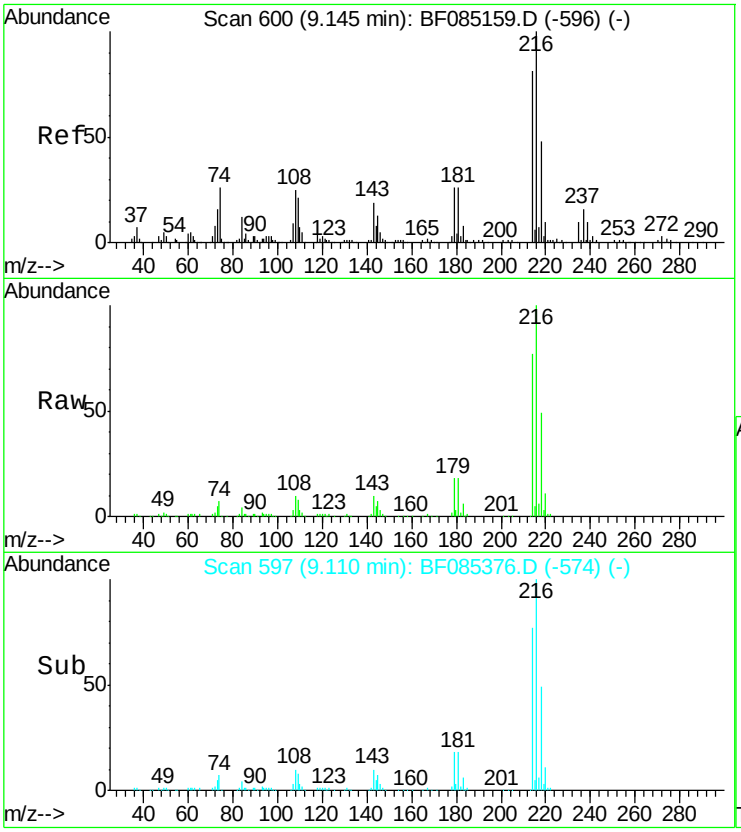


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:164 Resp: 290381

Ion	Ratio	Lower	Upper
164	100		
162	102.3	83.3	124.9
160	47.5	37.9	56.9

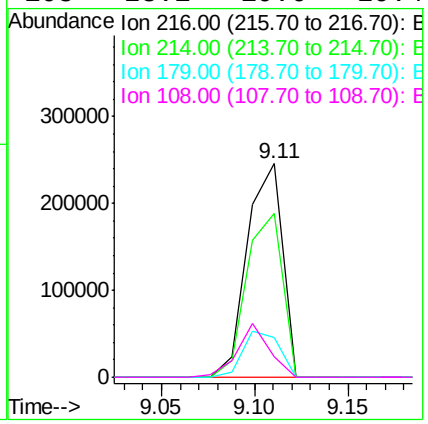




#39
1,2,4,5-Tetrachlorobenzene
Concen: 38.71 ng
RT: 9.11 min Scan# 597
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

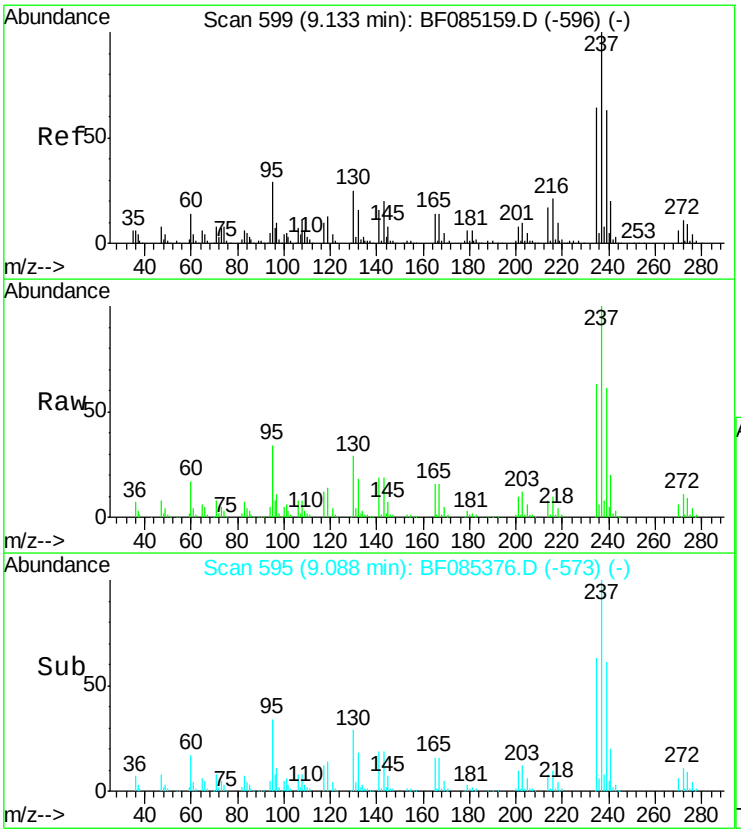
Tgt Ion:216 Resp: 321465

Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.8	95.6
179	22.5	19.6	29.4
108	23.1	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

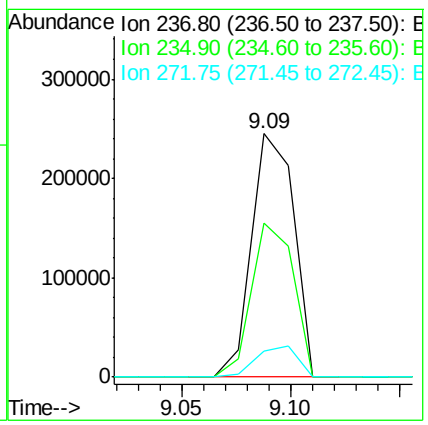
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

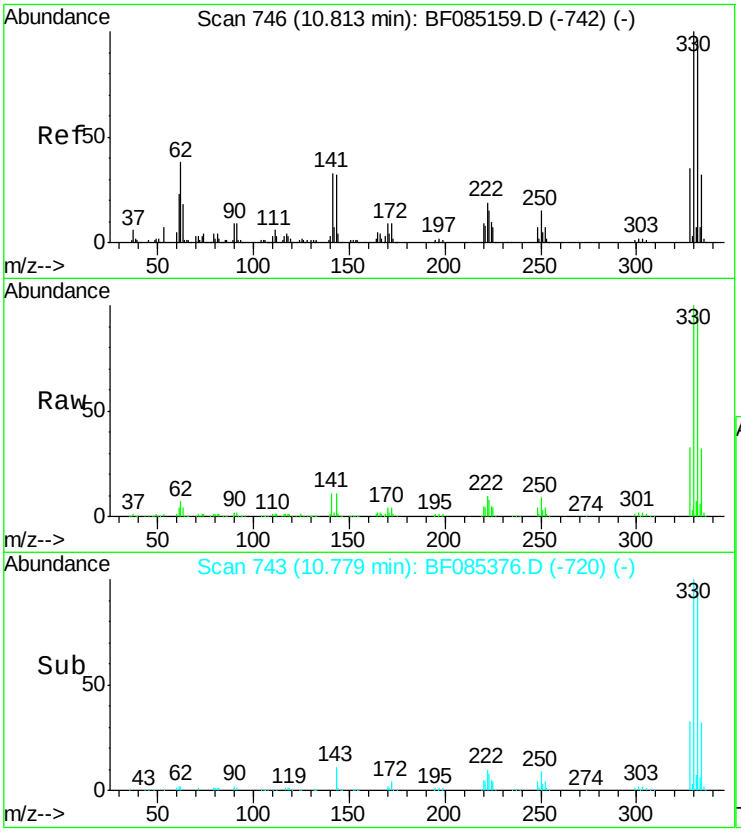


#40
Hexachlorocyclopentadiene
Concen: 74.34 ng
RT: 9.09 min Scan# 595
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:237 Resp: 332980

Ion	Ratio	Lower	Upper
237	100		
235	63.4	43.7	83.7
272	10.9	0.0	31.5

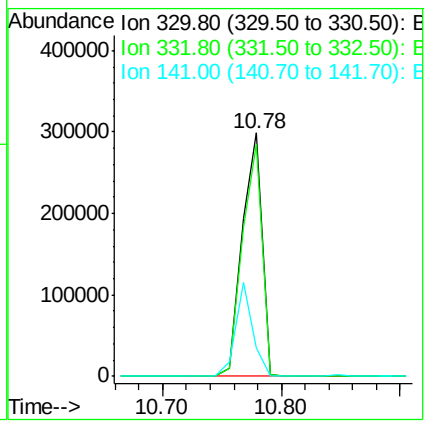




#41
2,4,6-Tribromophenol
Concen: 140.19 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

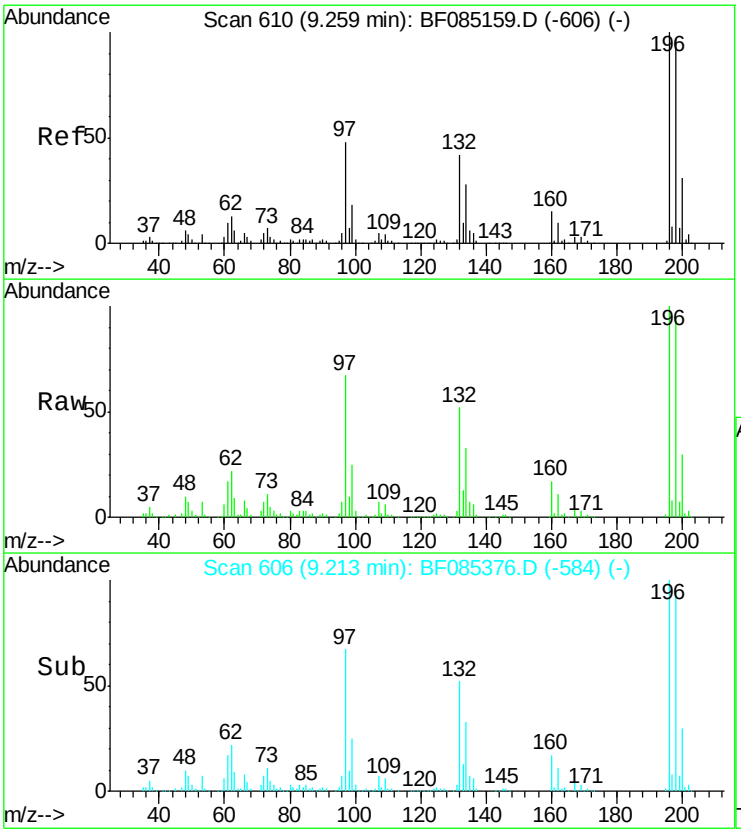
Tgt Ion:330 Resp: 348317

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	33.3	35.0	52.6#



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

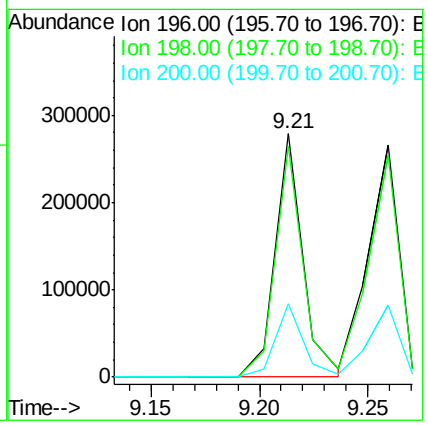
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

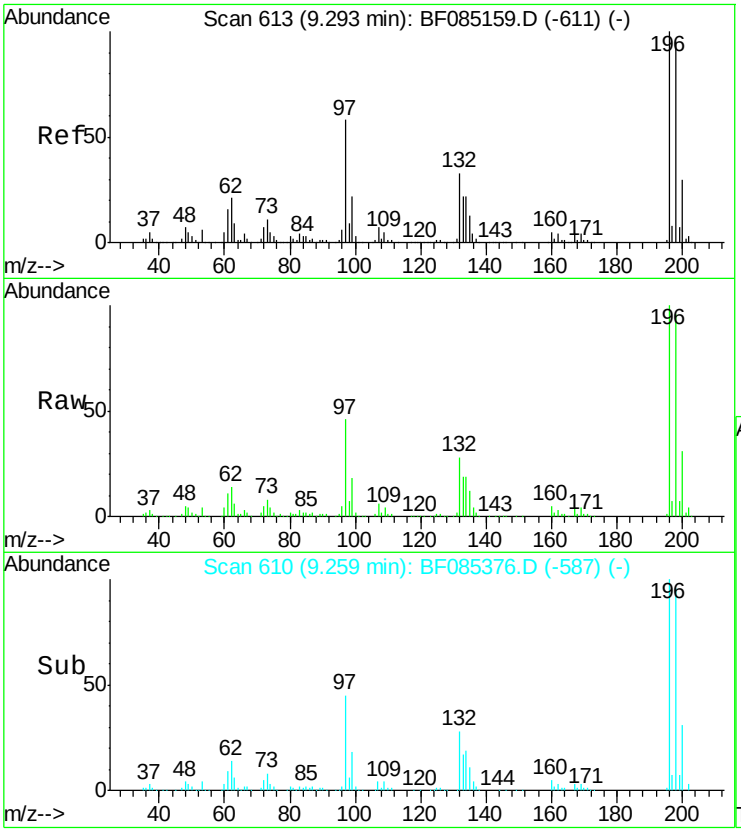


#42
2,4,6-Trichlorophenol
Concen: 40.51 ng
RT: 9.21 min Scan# 606
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:196 Resp: 250398

Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.8	116.6
200	30.0	25.0	37.6

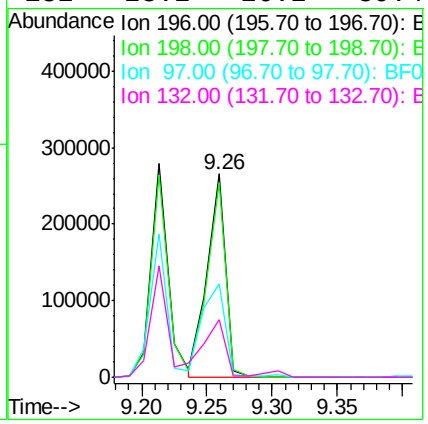




#43
2,4,5-Trichlorophenol
Concen: 44.72 ng
RT: 9.26 min Scan# 610
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

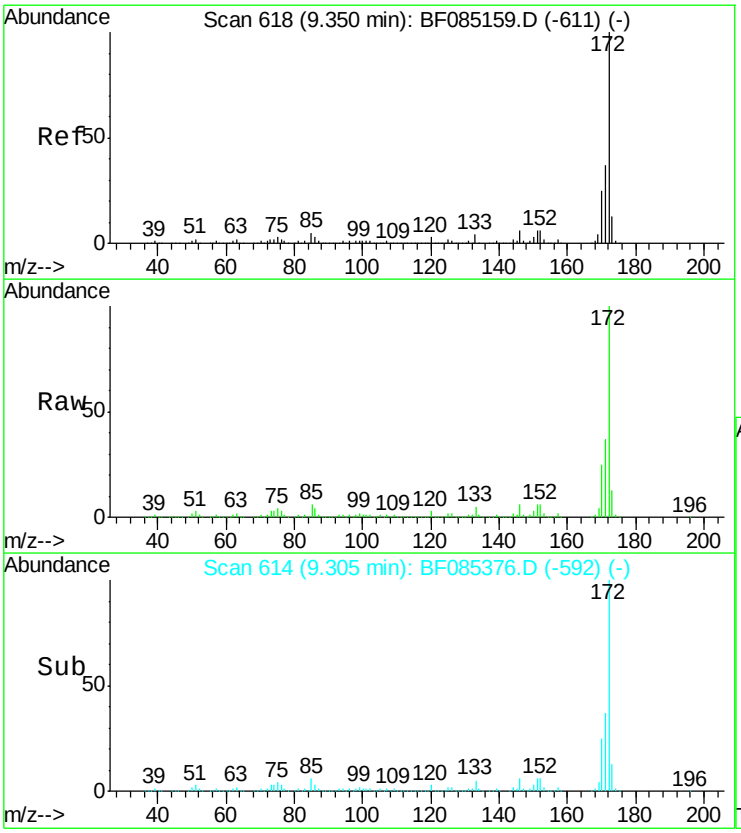
Tgt Ion:196 Resp: 262110

Ion	Ratio	Lower	Upper
196	100		
198	96.0	75.7	113.5
97	45.9	46.4	69.6#
132	28.2	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

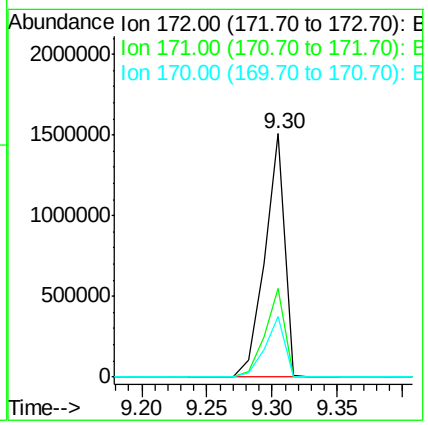
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

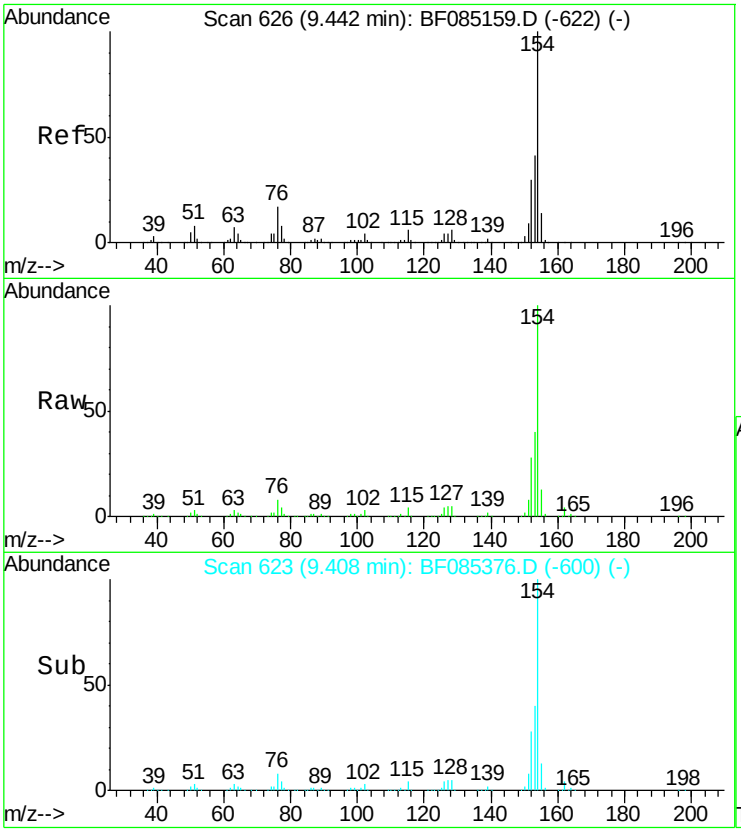


#44
2-Fluorobiphenyl
Concen: 83.49 ng
RT: 9.30 min Scan# 614
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:172 Resp: 1594063

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.8	20.0	30.0

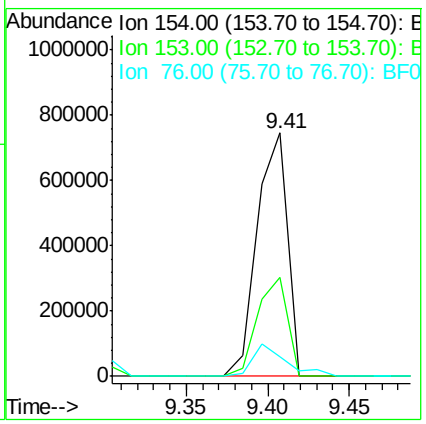




#45
1,1'-Biphenyl
Concen: 38.74 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

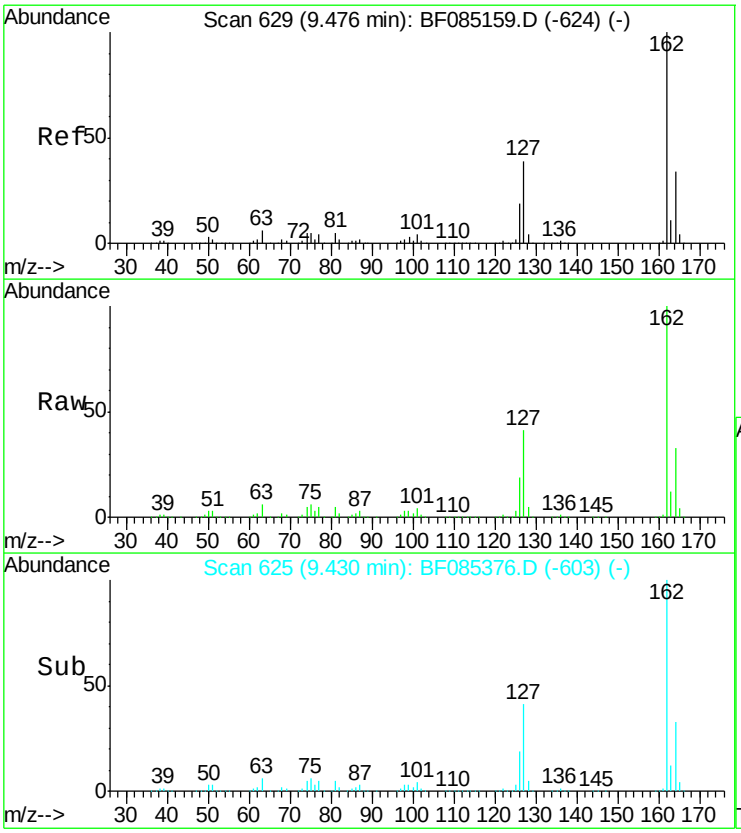
Tgt Ion:154 Resp: 960971

Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.4	61.4
76	7.8	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

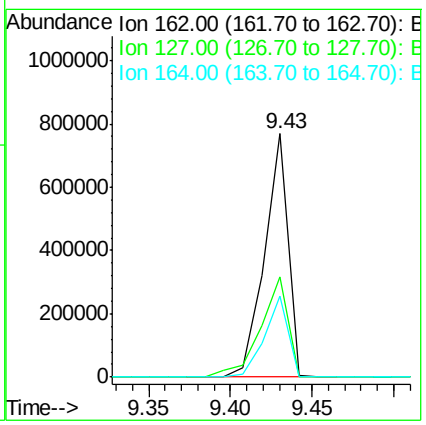
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

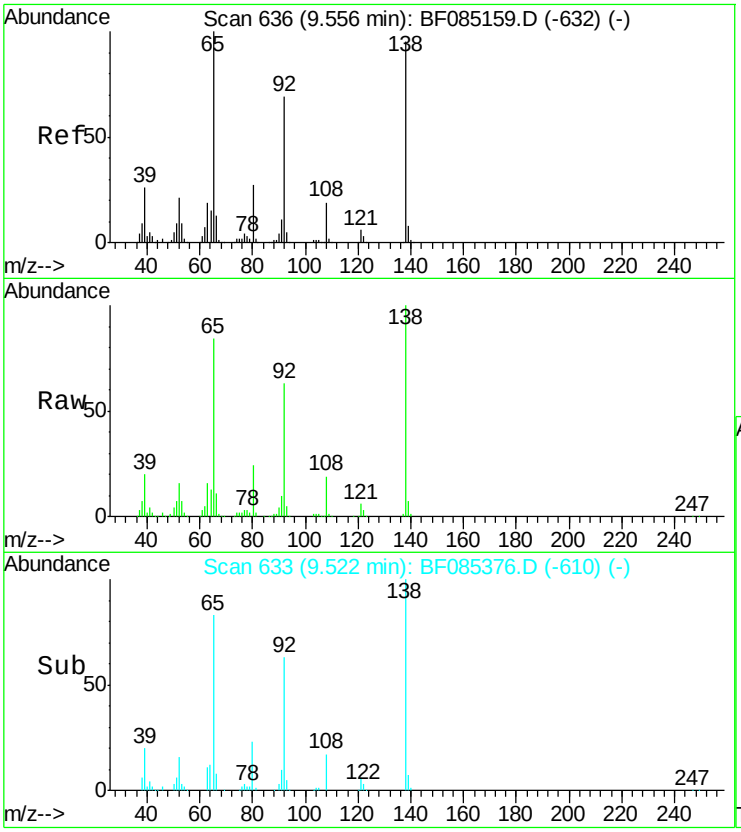


#46
2-Chloronaphthalene
Concen: 40.87 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:162 Resp: 772939

Ion	Ratio	Lower	Upper
162	100		
127	41.1	31.6	47.4
164	33.4	27.1	40.7

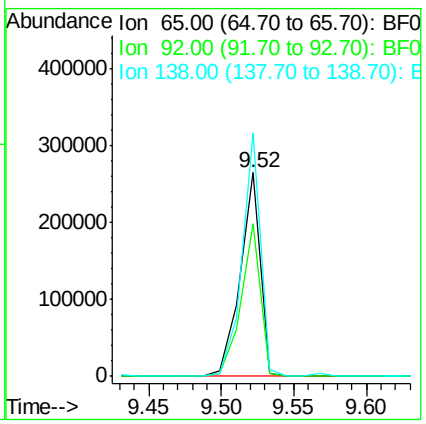




#47
2-Nitroaniline
Concen: 43.18 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

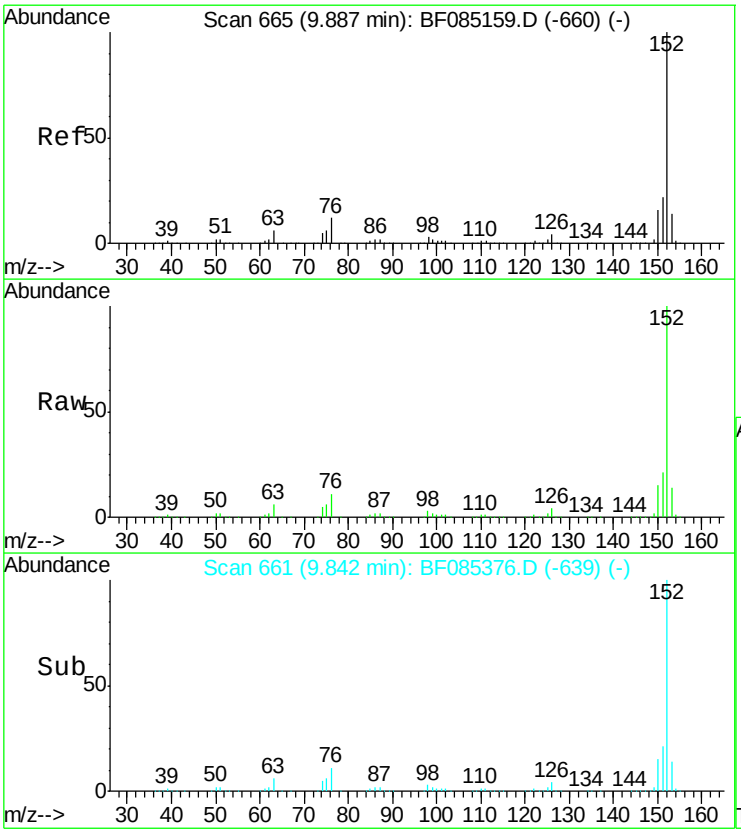
Tgt Ion: 65 Resp: 253034

Ion	Ratio	Lower	Upper
65	100		
92	75.1	55.4	83.2
138	119.5	75.7	113.5#



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

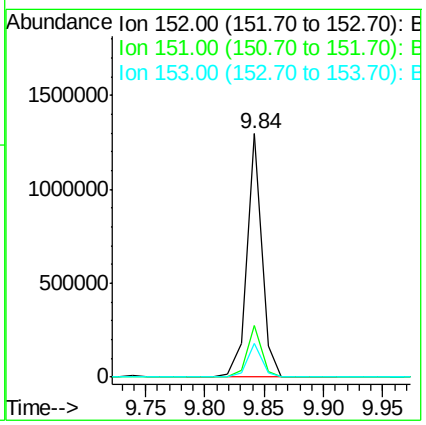
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

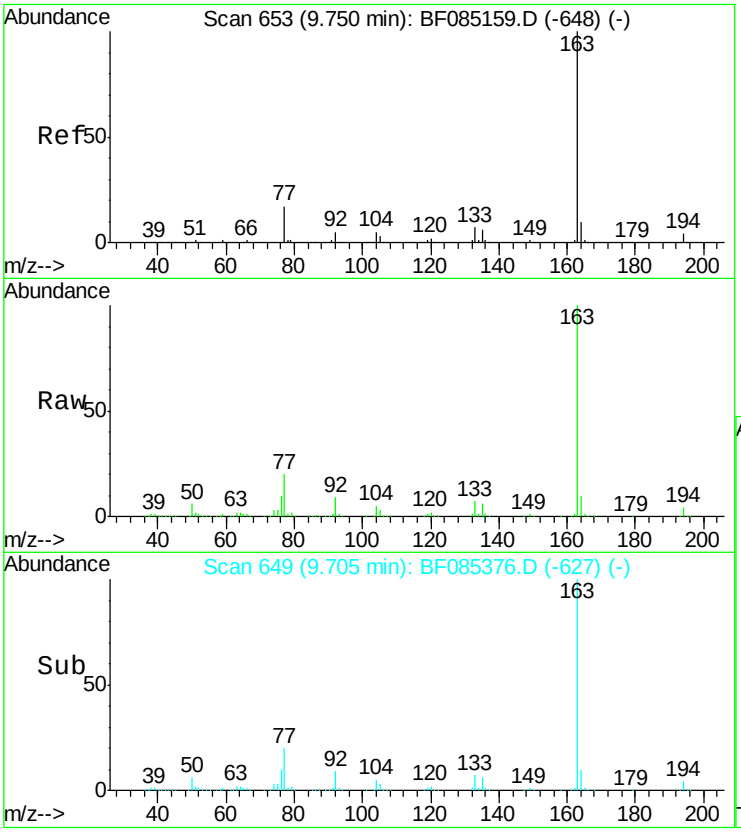


#48
Acenaphthylene
Concen: 38.65 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:152 Resp: 1137618

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	13.8	11.3	16.9

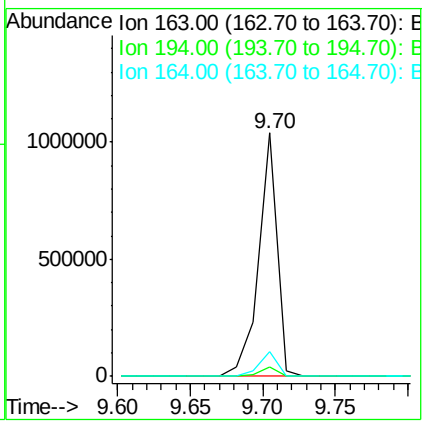




#49
Dimethylphthalate
Concen: 41.27 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

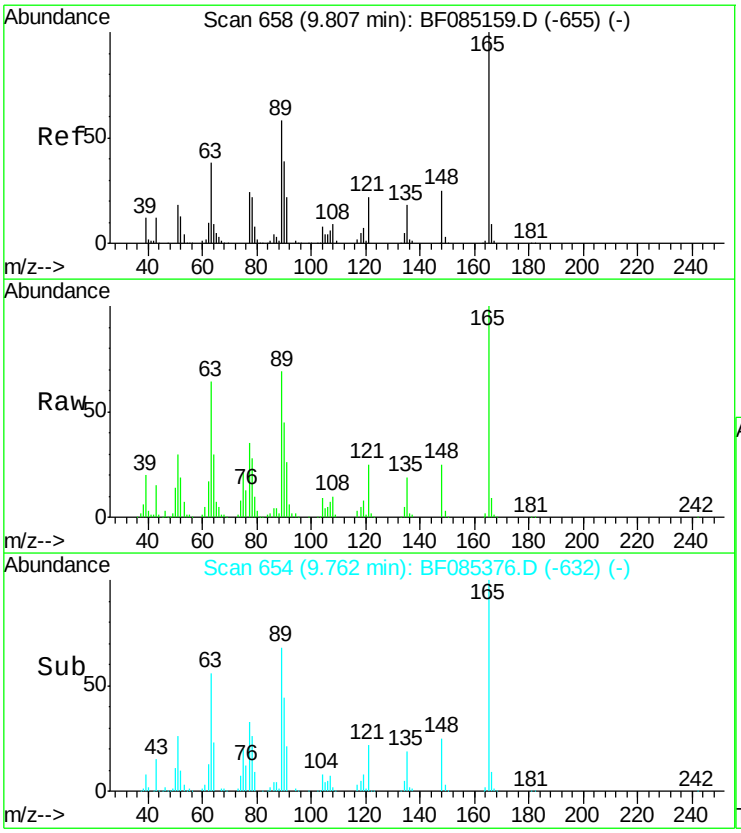
Tgt Ion:163 Resp: 919757

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

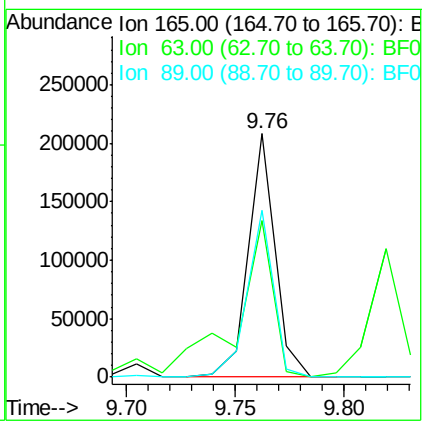
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

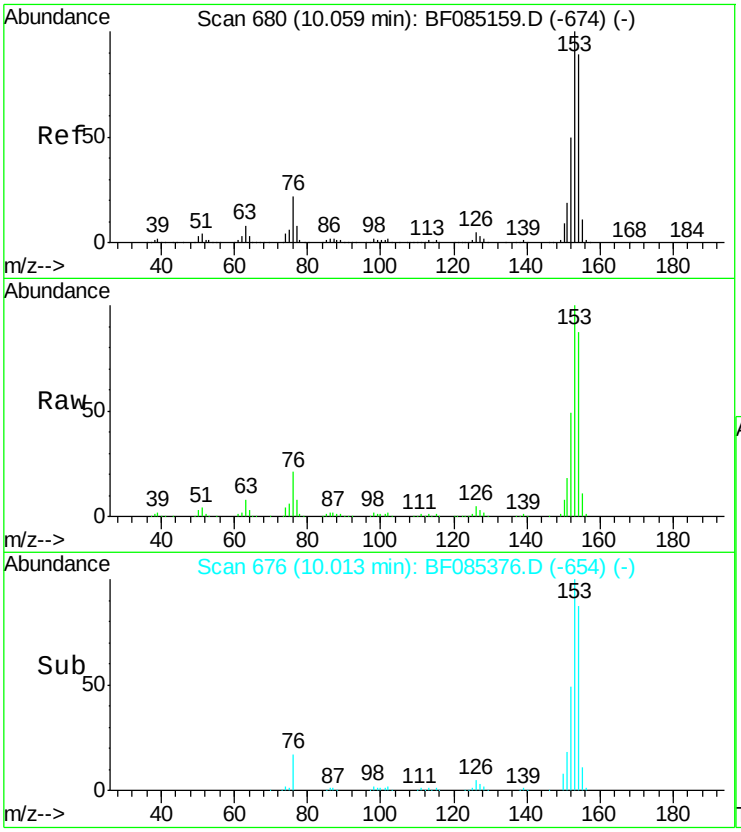


#50
2,6-Dinitrotoluene
Concen: 37.37 ng
RT: 9.76 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:165 Resp: 178195

Ion	Ratio	Lower	Upper
165	100		
63	64.2	41.8	62.8#
89	68.6	46.7	70.1

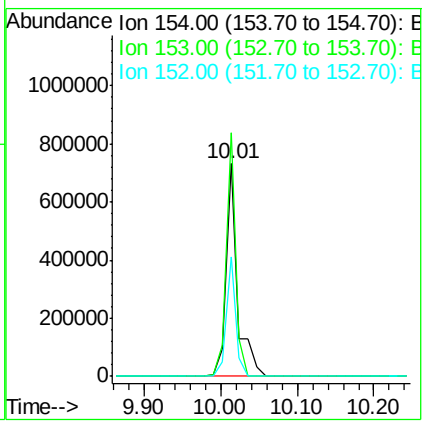




#51
Acenaphthene
Concen: 43.33 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

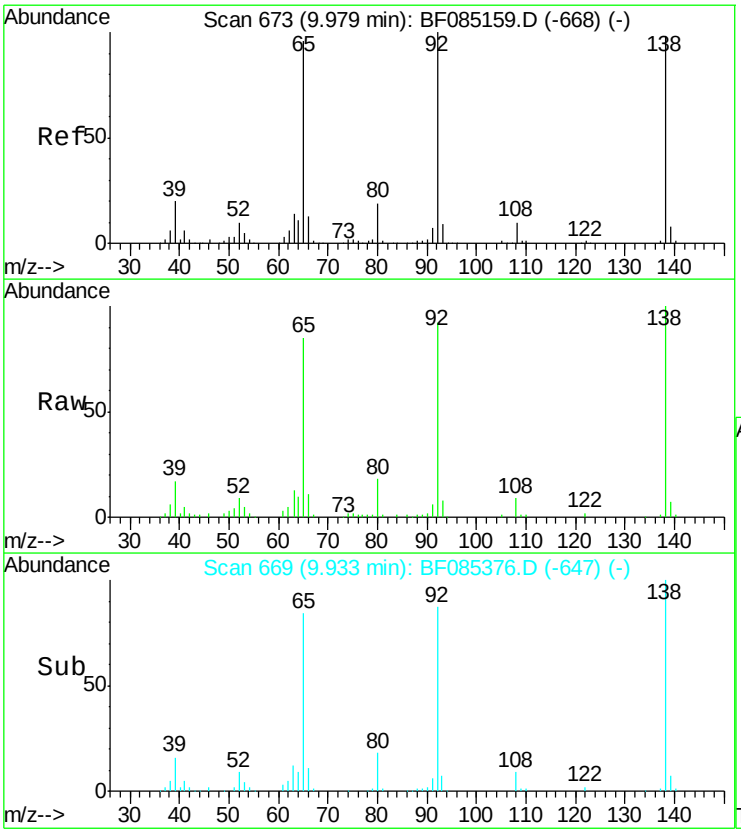
Tgt Ion:154 Resp: 774278

Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.8	134.8
152	56.1	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

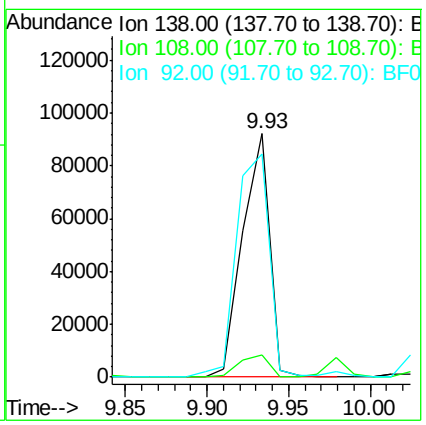
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

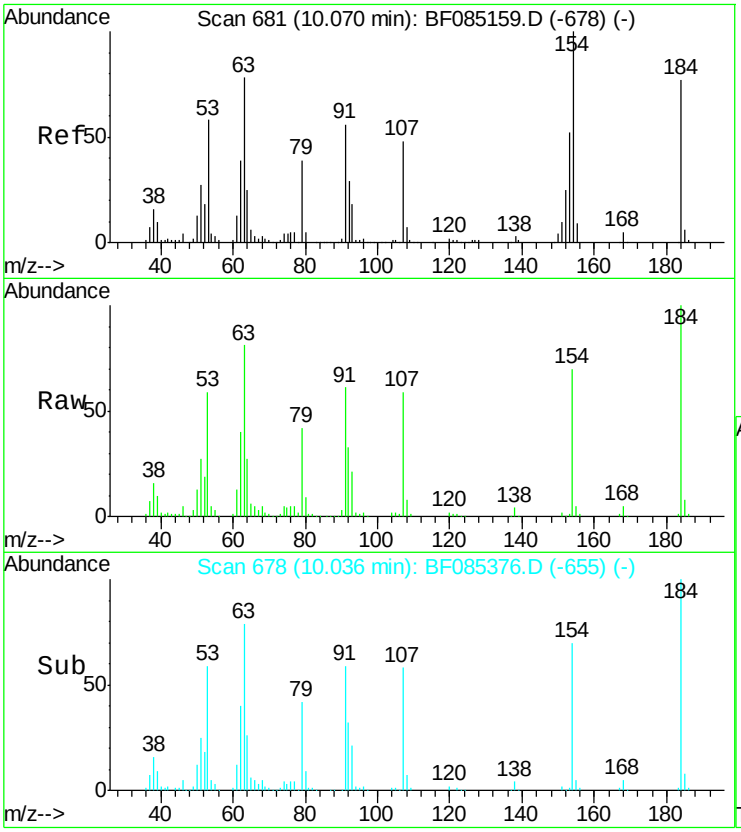


#52
3-Nitroaniline
Concen: 18.47 ng
RT: 9.93 min Scan# 669
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:138 Resp: 105387

Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.8	11.6
92	91.8	81.3	121.9

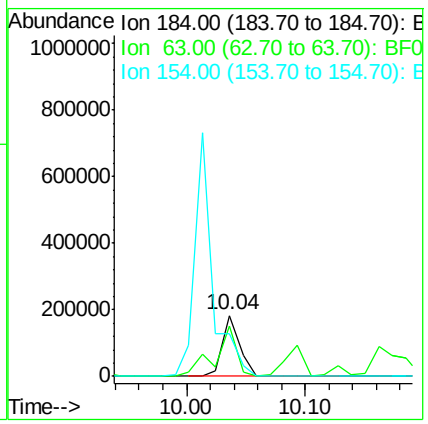




#53
2,4-Dinitrophenol
Concen: 76.62 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

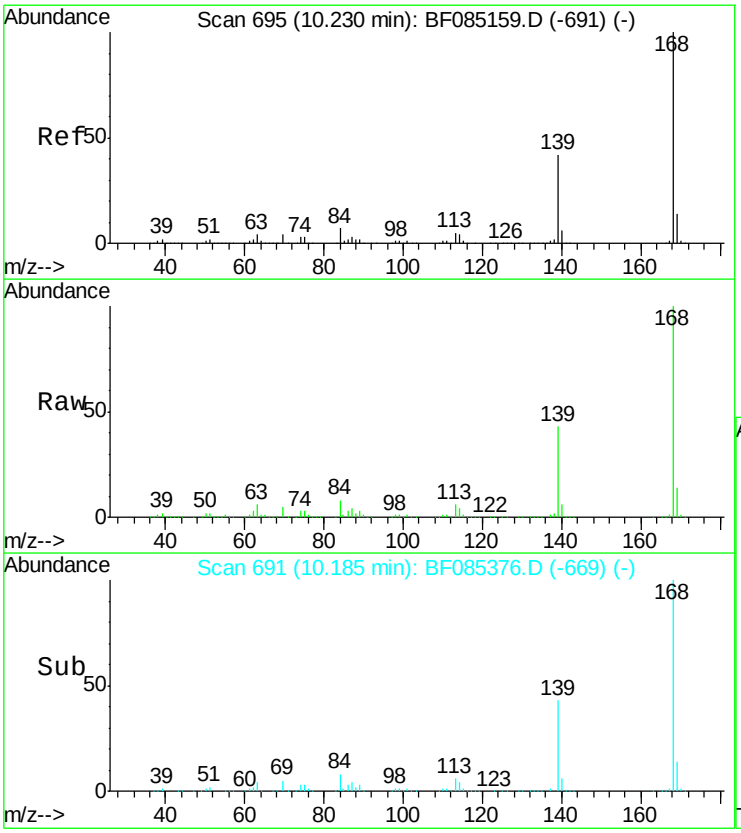
Tgt Ion:184 Resp: 184468

Ion	Ratio	Lower	Upper
184	100		
63	81.5	82.2	123.4#
154	69.8	108.9	163.3#



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

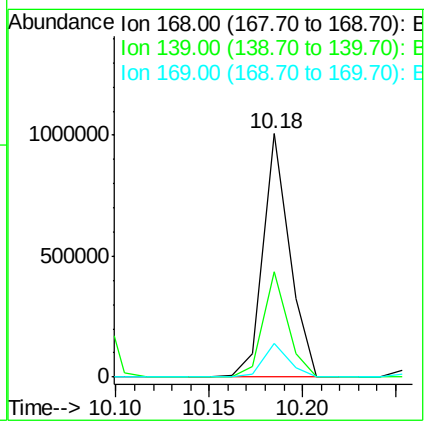
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

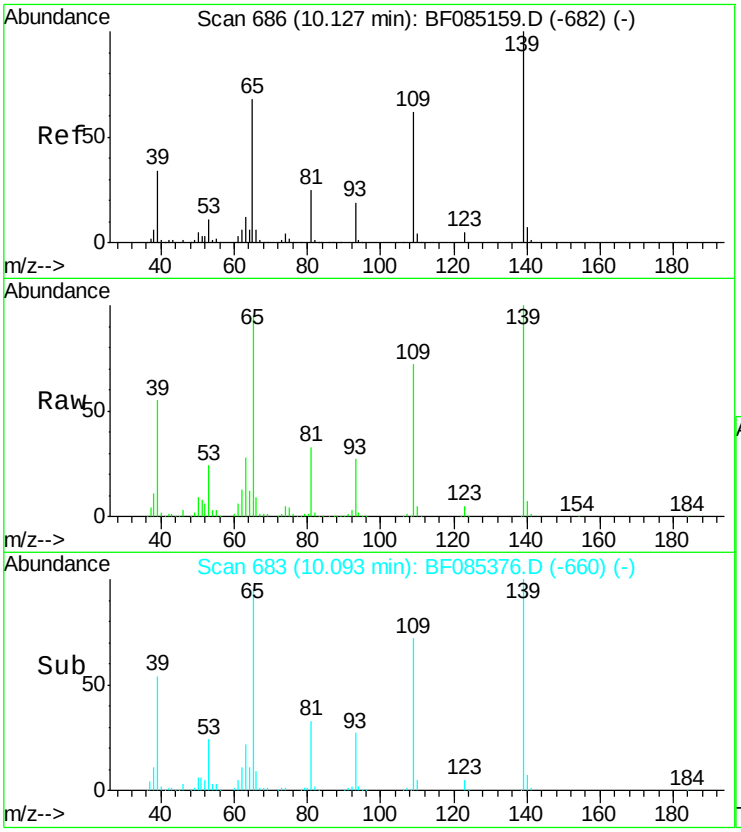


#54
Dibenzofuran
Concen: 41.91 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:168 Resp: 981184

Ion	Ratio	Lower	Upper
168	100		
139	43.3	33.6	50.4
169	13.8	11.2	16.8

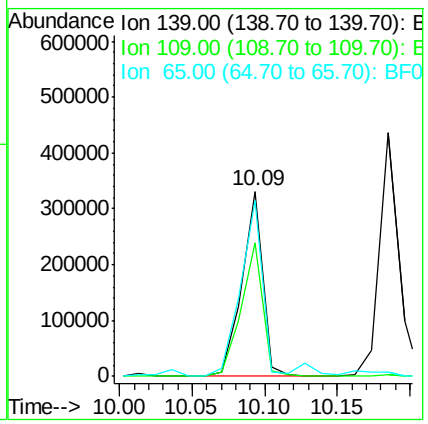




#55
4-Nitrophenol
Concen: 74.33 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

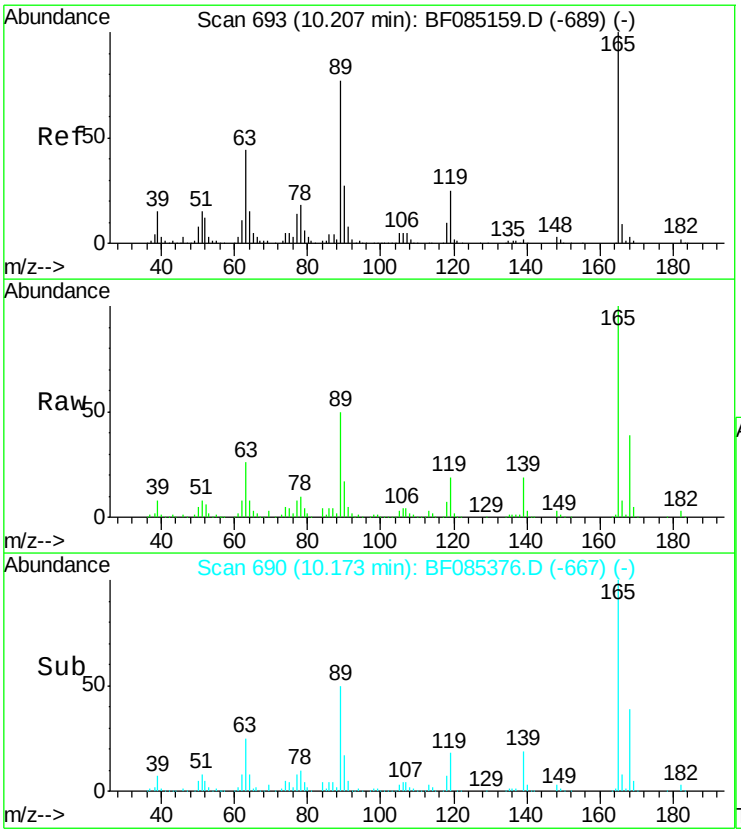
Tgt Ion:139 Resp: 333203

Ion	Ratio	Lower	Upper
139	100		
109	72.2	41.9	81.9
65	94.9	48.3	88.3#



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

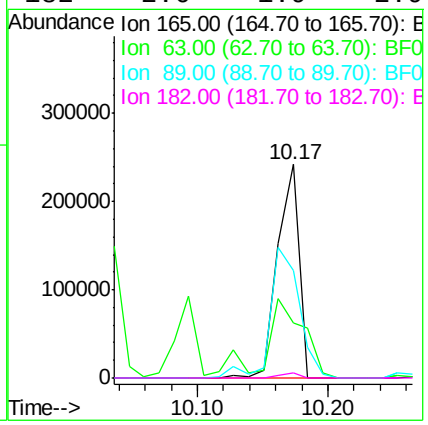
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

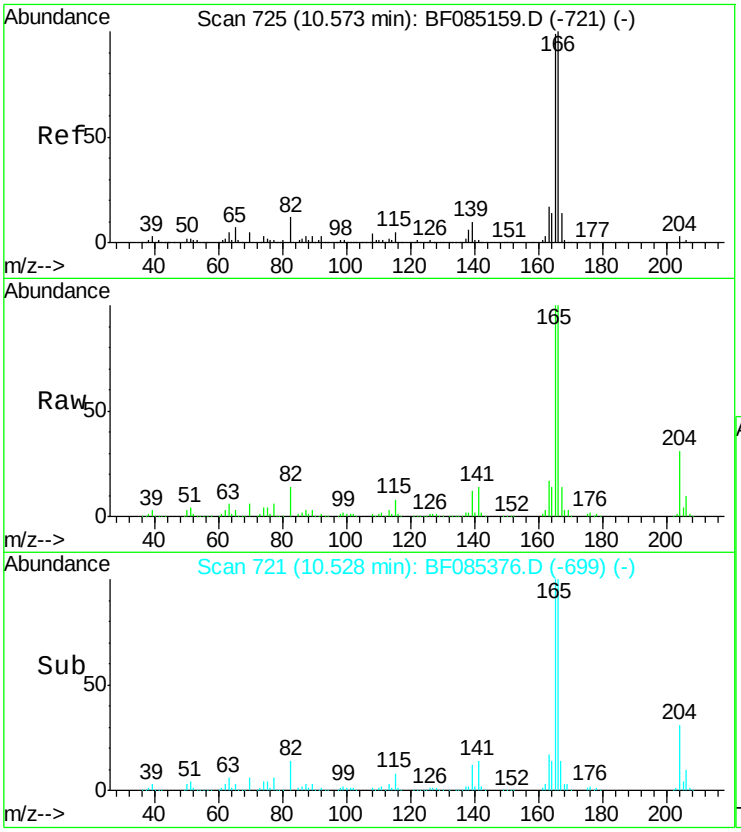


#56
2,4-Dinitrotoluene
Concen: 46.03 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:165 Resp: 280895

Ion	Ratio	Lower	Upper
165	100		
63	25.6	35.4	53.0#
89	50.3	61.9	92.9#
182	2.6	1.9	2.9

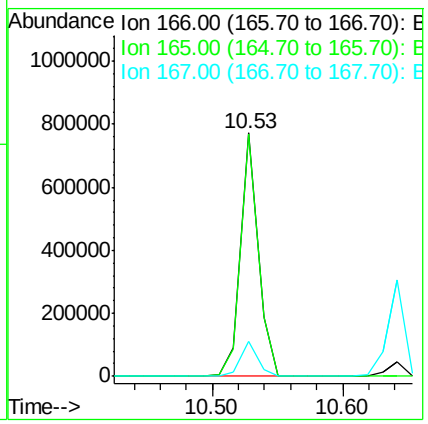




#57
Fluorene
Concen: 39.37 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

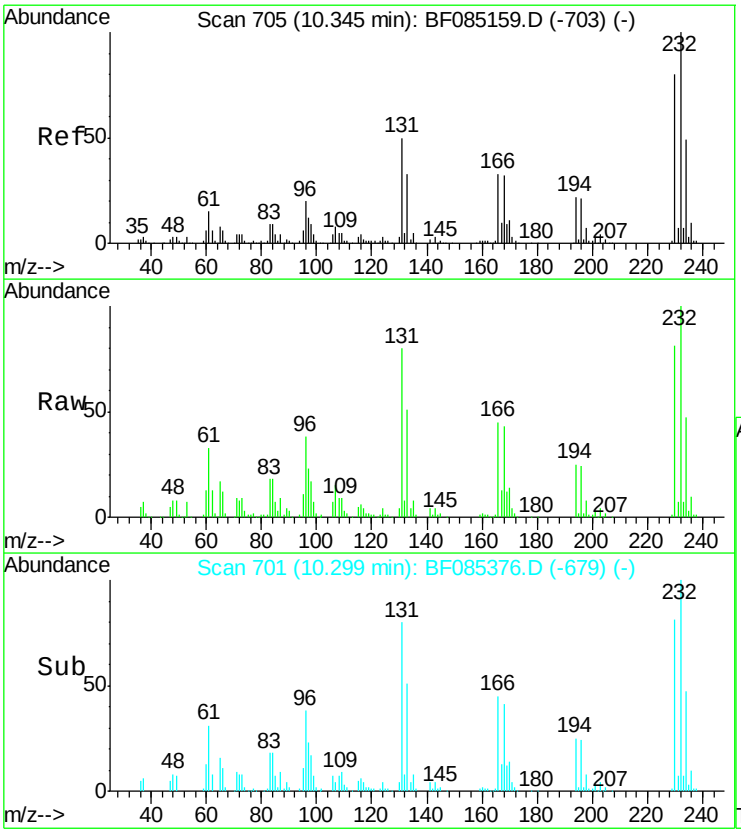
Tgt Ion:166 Resp: 724118

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.0
167	14.1	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

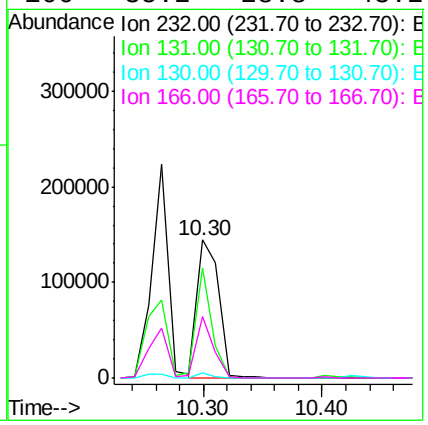
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

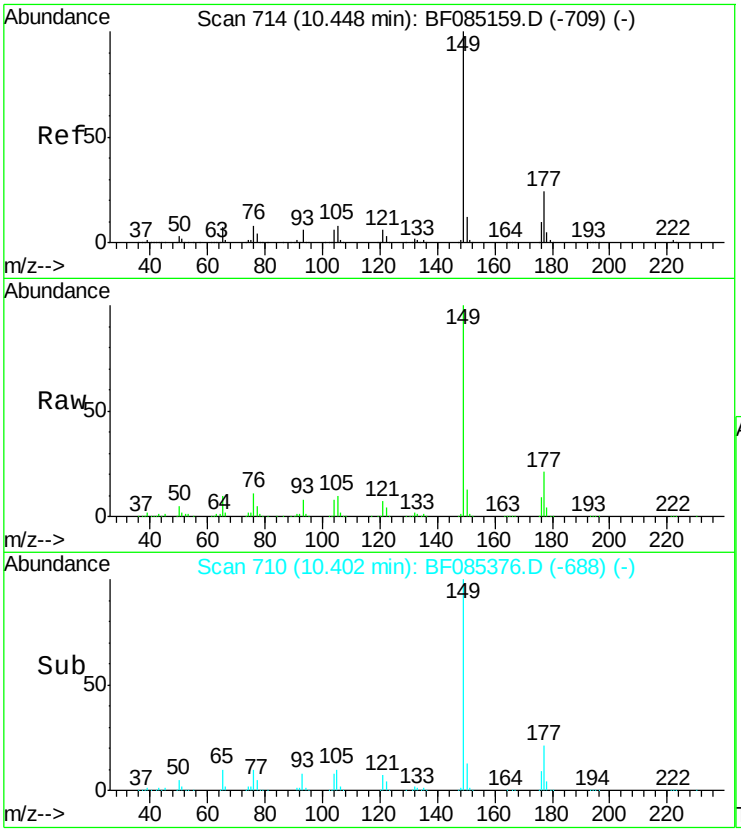


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.18 ng
RT: 10.30 min Scan# 701
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:232 Resp: 186052

Ion	Ratio	Lower	Upper
232	100		
131	57.7	46.0	69.0
130	2.9	2.2	3.4
166	35.2	28.8	43.2

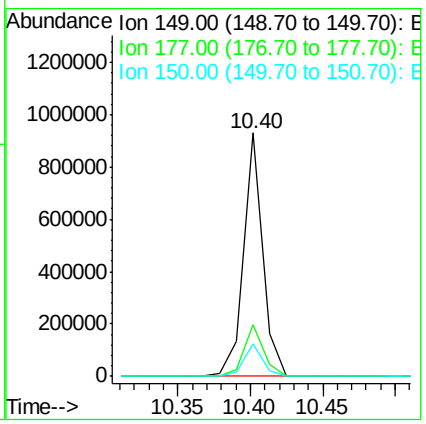




#59
Diethylphthalate
Concen: 39.35 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

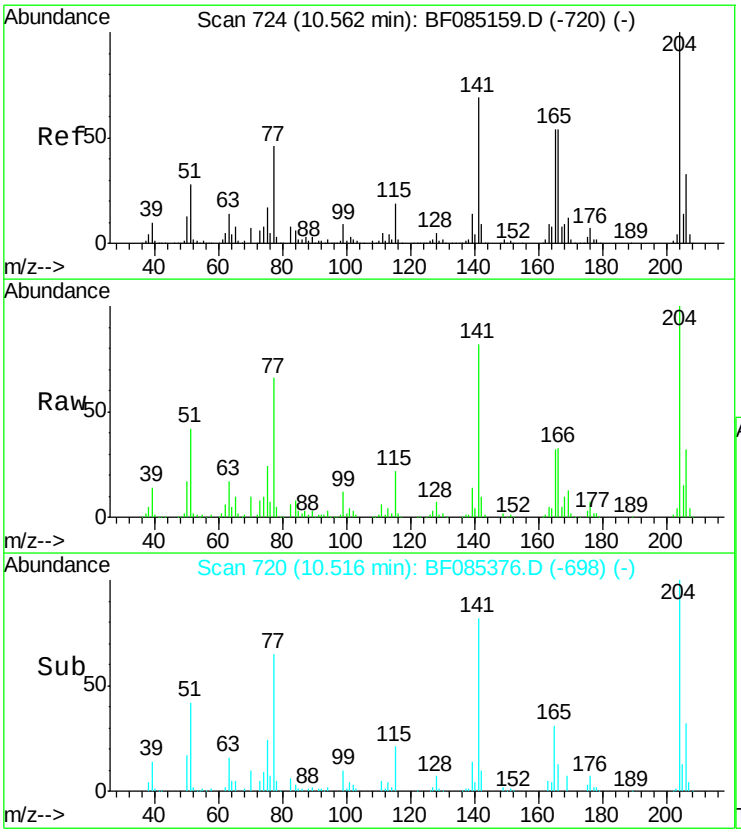
Tgt Ion:149 Resp: 850964

Ion	Ratio	Lower	Upper
149	100		
177	21.2	19.2	28.8
150	13.2	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

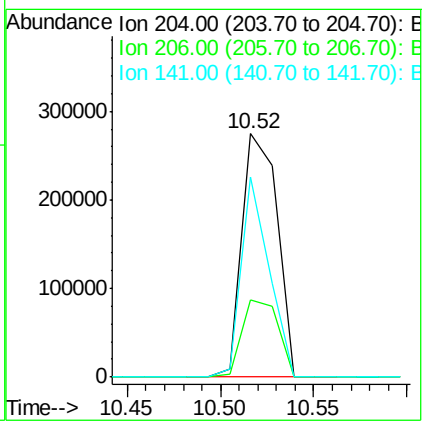
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

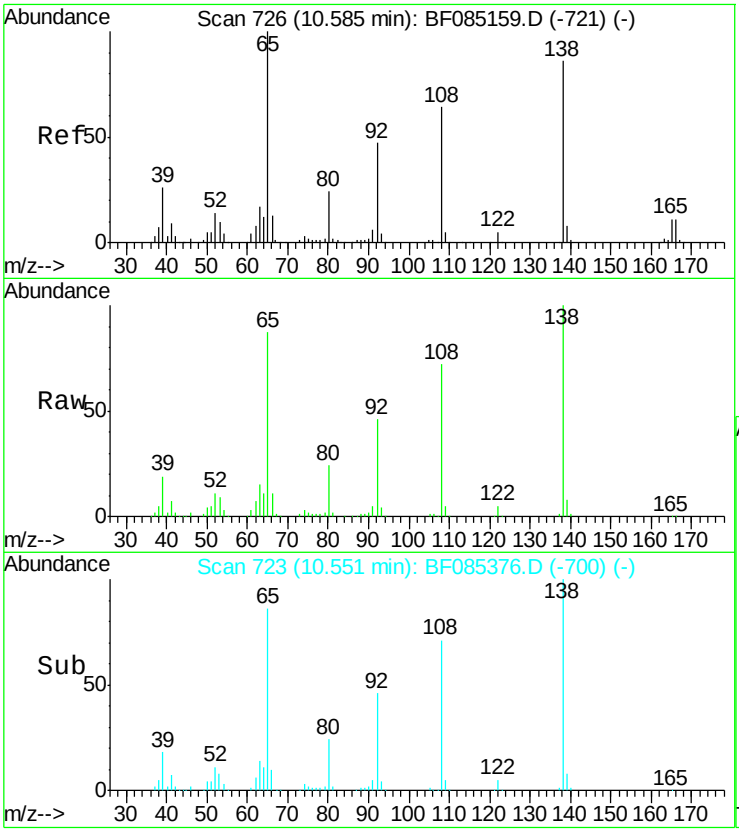


#60
4-Chlorophenyl-phenylether
Concen: 40.10 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:204 Resp: 358861

Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	82.4	55.4	83.2

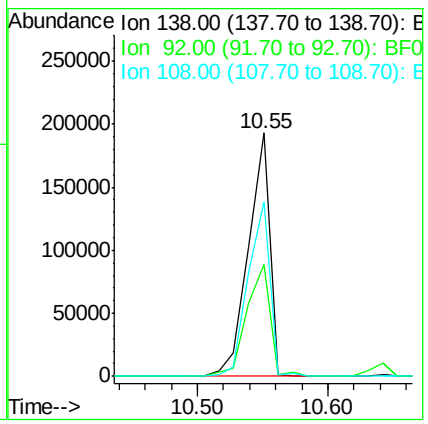




#61
4-Nitroaniline
Concen: 41.24 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

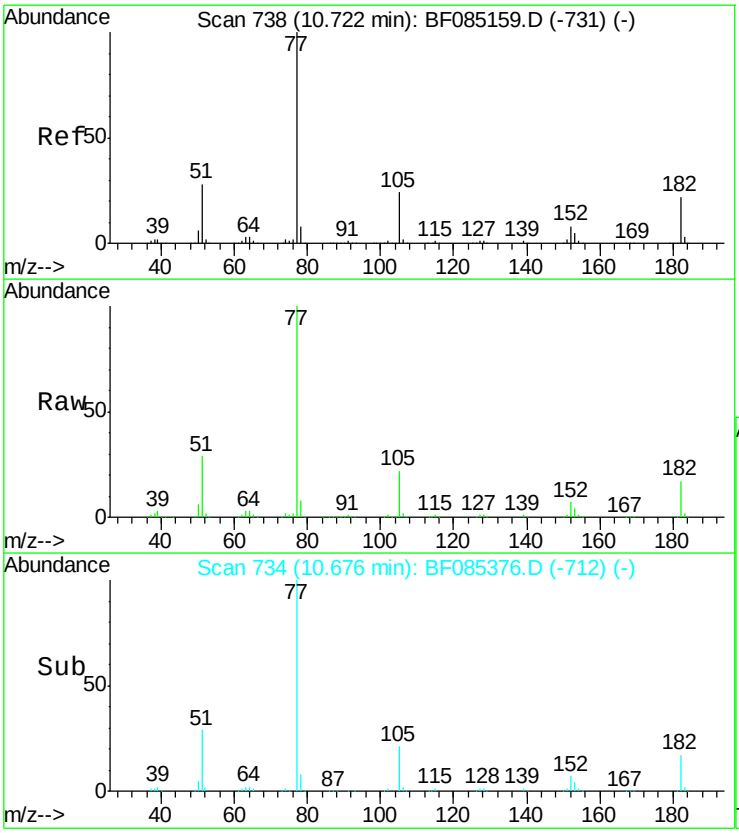
Tgt Ion:138 Resp: 220042

Ion	Ratio	Lower	Upper
138	100		
92	46.0	34.2	74.2
108	71.6	53.9	93.9



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

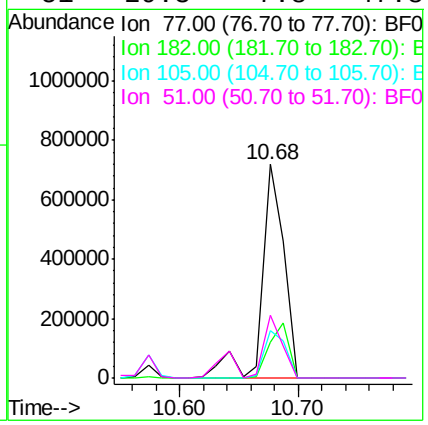
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

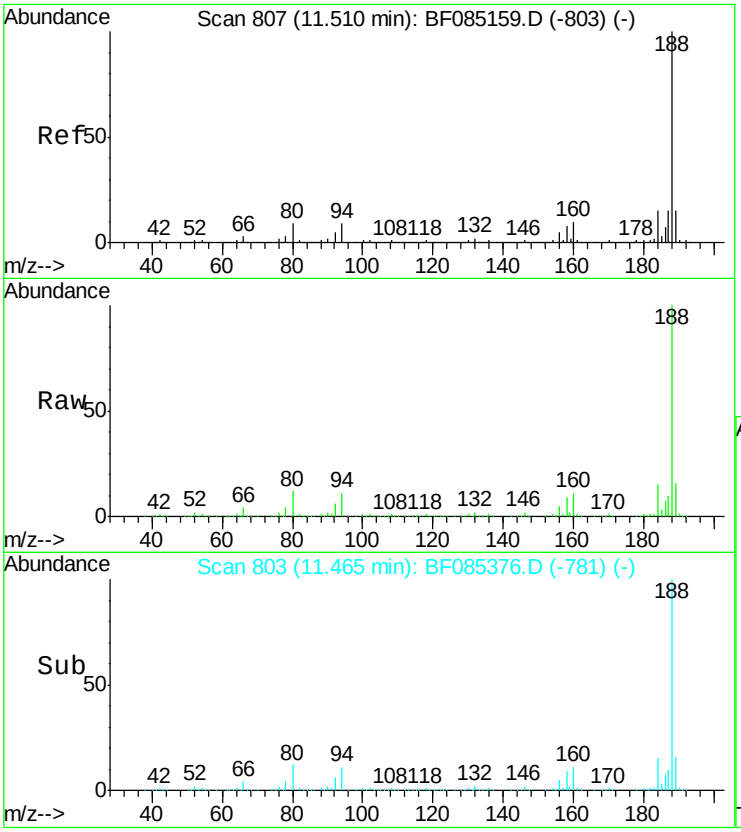


#62
Azobenzene
Concen: 43.70 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion: 77 Resp: 931145

Ion	Ratio	Lower	Upper
77	100		
182	17.1	2.1	42.1
105	21.9	3.8	43.8
51	29.3	7.8	47.8





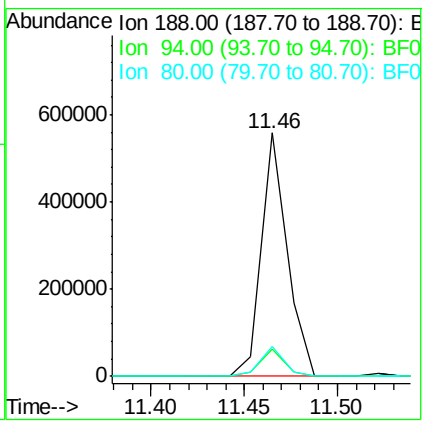
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

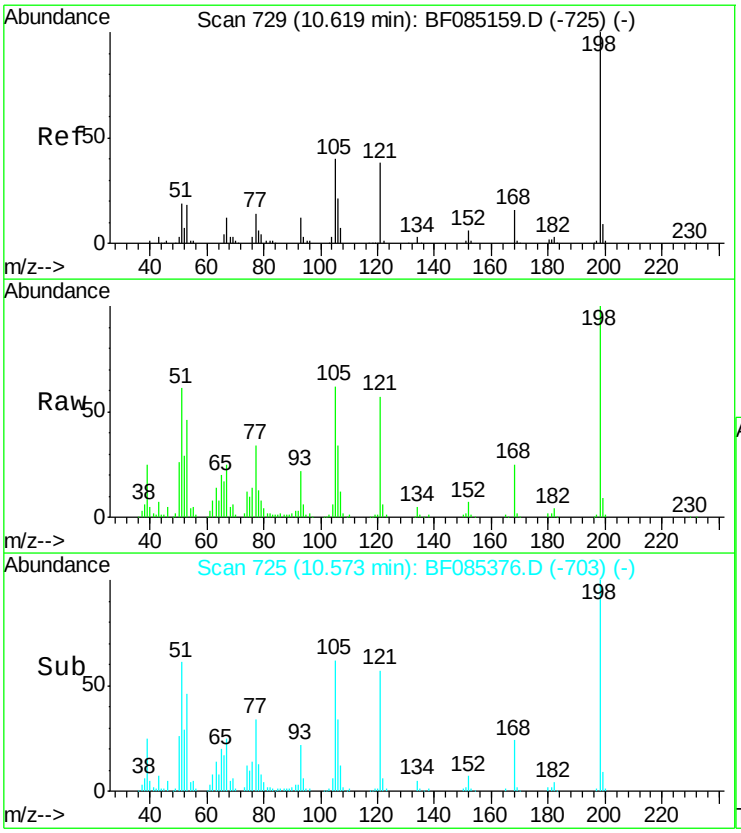
Tgt Ion:188 Resp: 531661

Ion	Ratio	Lower	Upper
188	100		
94	11.4	7.0	10.6#
80	12.1	7.4	11.0#

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

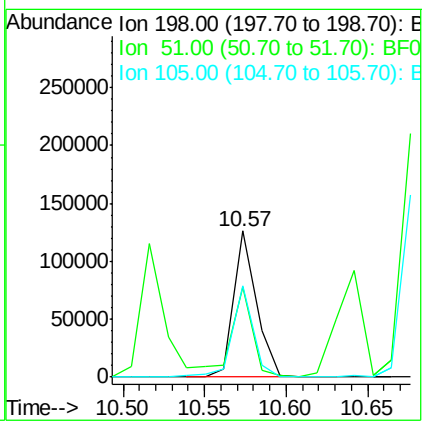


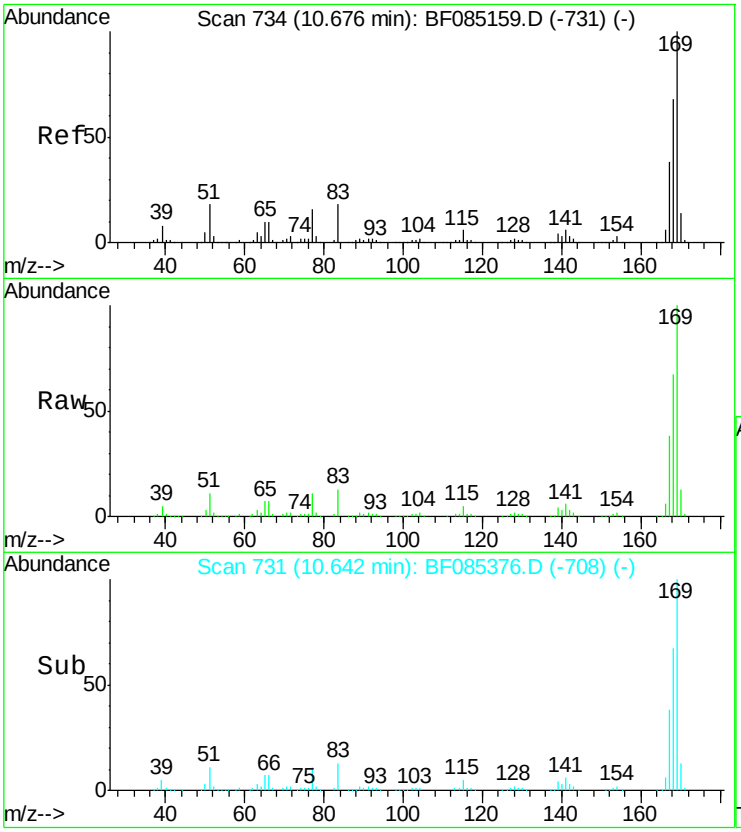


#64
4,6-Dinitro-2-methylphenol
Concen: 37.83 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:198 Resp: 120436

Ion	Ratio	Lower	Upper
198	100		
51	61.3	9.5	49.5#
105	62.2	20.5	60.5#

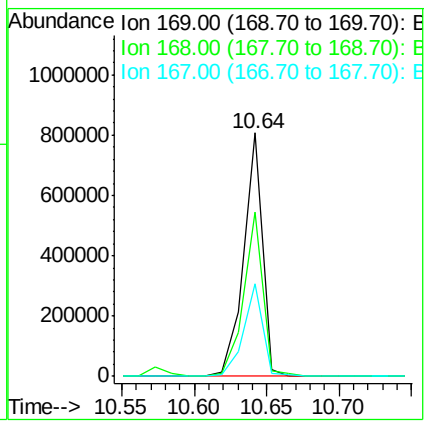




#65
n-Nitrosodiphenylamine
Concen: 44.01 ng
RT: 10.64 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

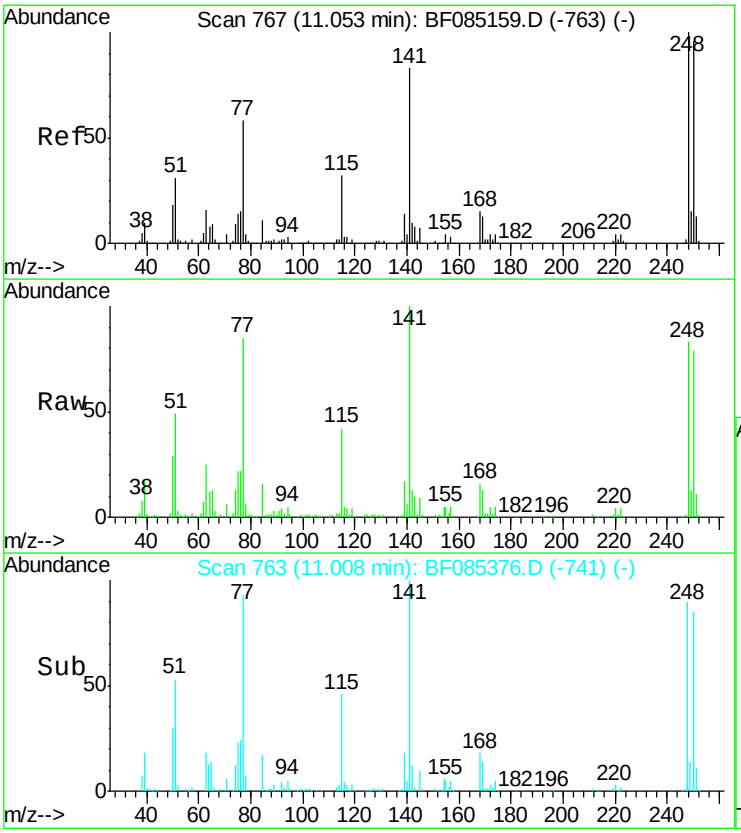
Tgt Ion:169 Resp: 727693

Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.8	82.2
167	37.8	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

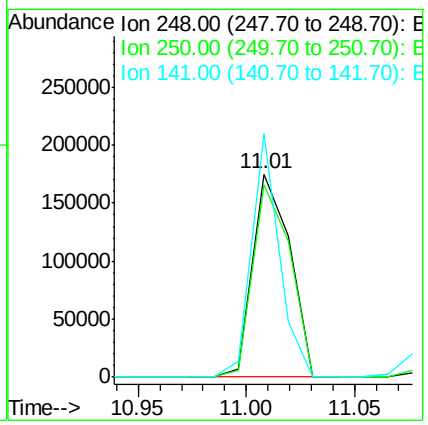
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

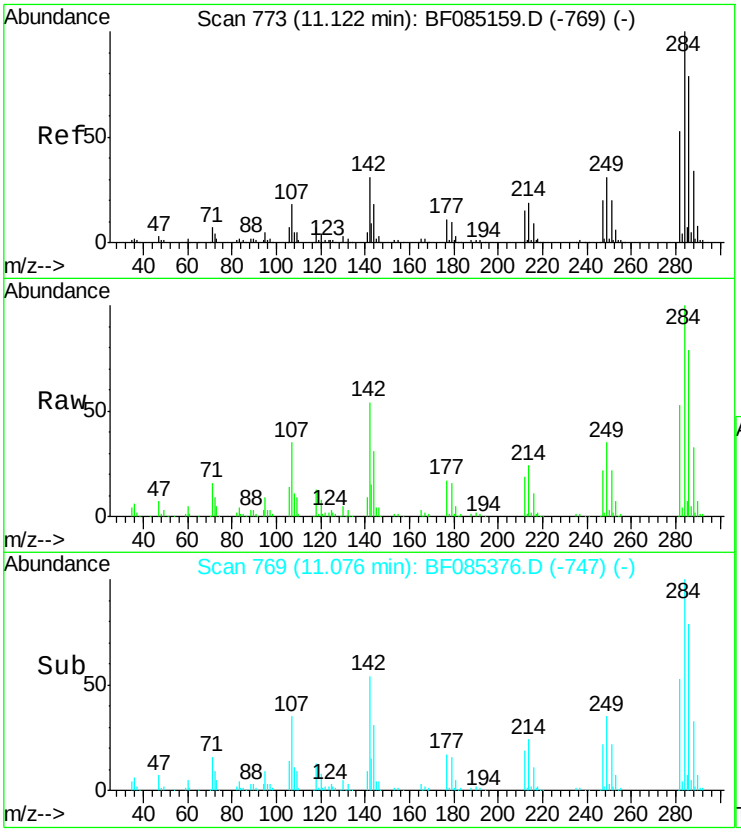


#66
4-Bromophenyl-phenylether
Concen: 40.38 ng
RT: 11.01 min Scan# 763
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:248 Resp: 208454

Ion	Ratio	Lower	Upper
248	100		
250	95.1	77.1	115.7
141	120.1	66.2	99.2#

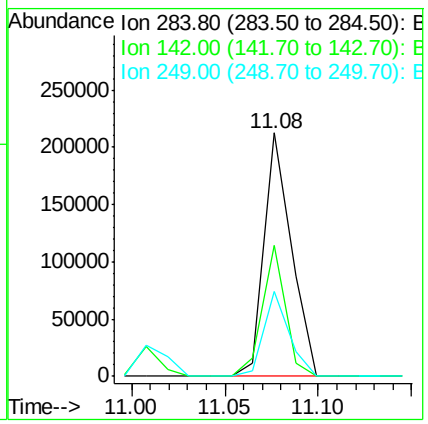




#67
Hexachlorobenzene
Concen: 38.86 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

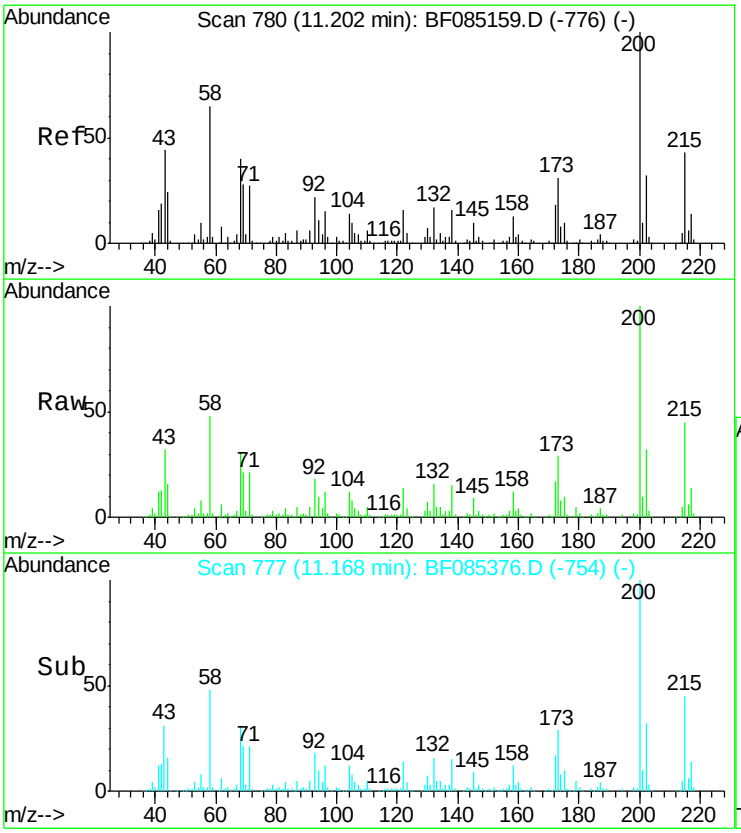
Tgt Ion:284 Resp: 214005

Ion	Ratio	Lower	Upper
284	100		
142	53.5	24.9	37.3#
249	34.8	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

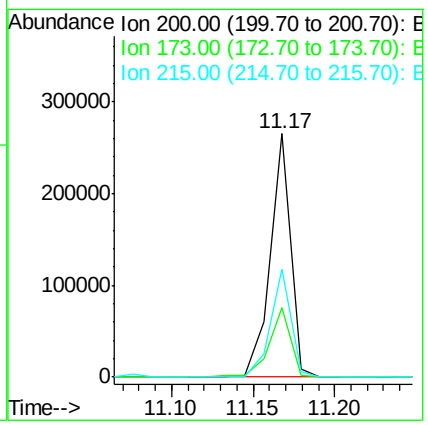
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

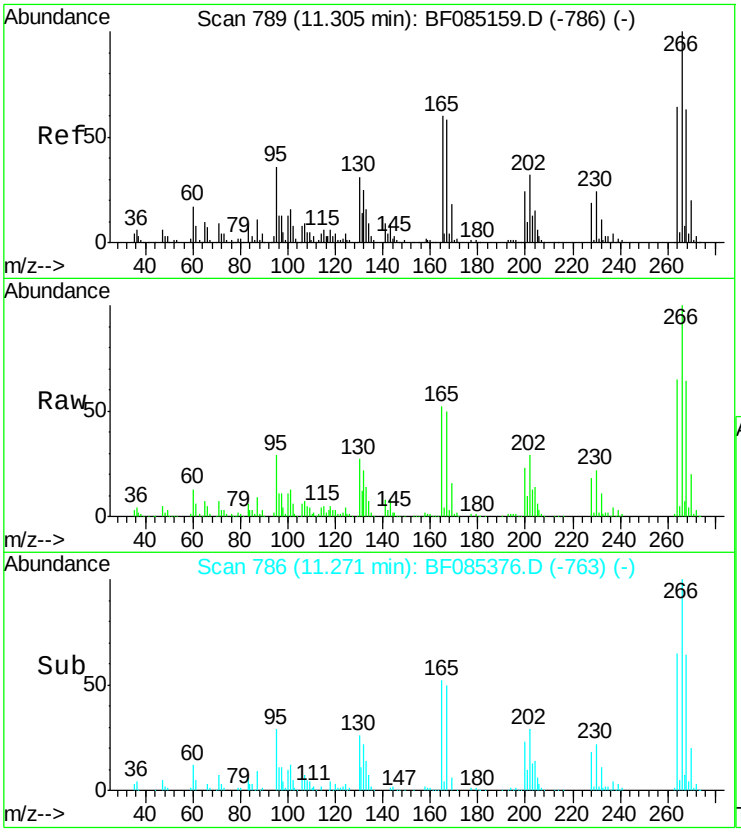


#68
Atrazine
Concen: 50.43 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:200 Resp: 231928

Ion	Ratio	Lower	Upper
200	100		
173	28.8	10.5	50.5
215	44.5	23.4	63.4

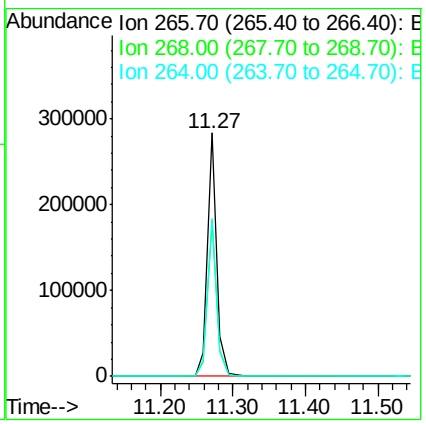




#69
Pentachlorophenol
Concen: 82.62 ng
RT: 11.27 min Scan# 786
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

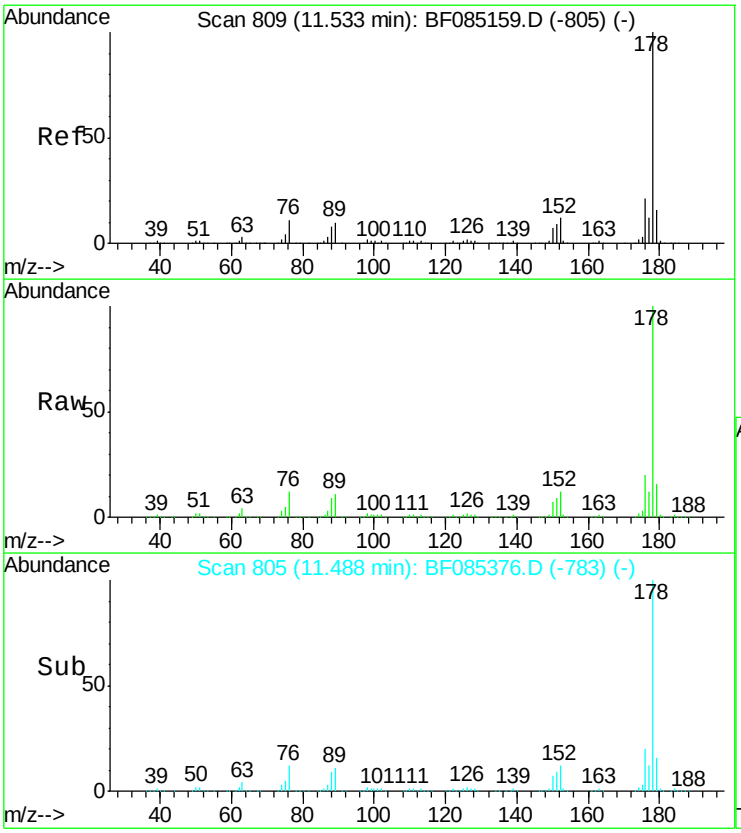
Tgt Ion:266 Resp: 252562

Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.0	75.0
264	64.9	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

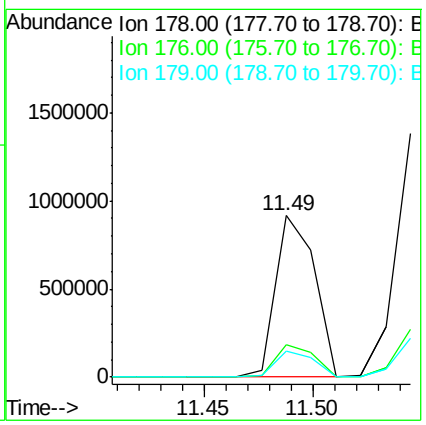
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

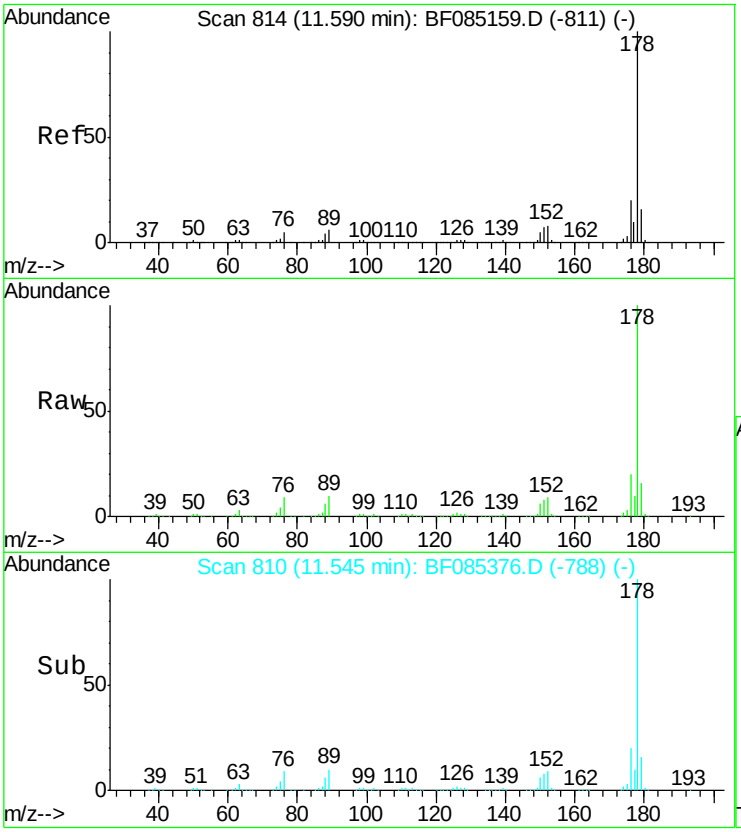


#70
Phenanthrene
Concen: 41.27 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:178 Resp: 1149932

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	16.0	13.1	19.7

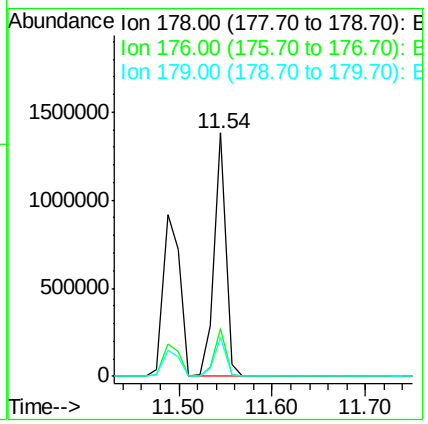




#71
Anthracene
Concen: 40.52 ng
RT: 11.54 min Scan# 810
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

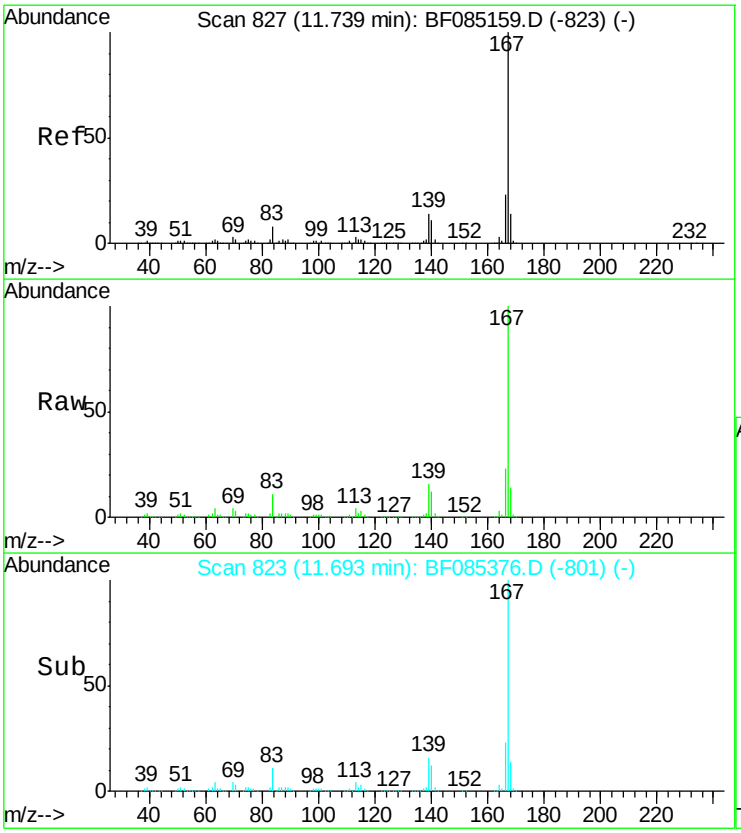
Tgt Ion:178 Resp: 1198424

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.1	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

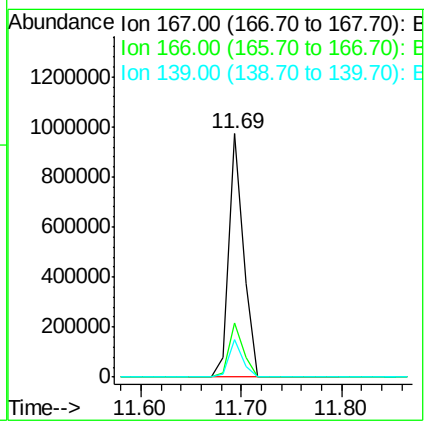
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

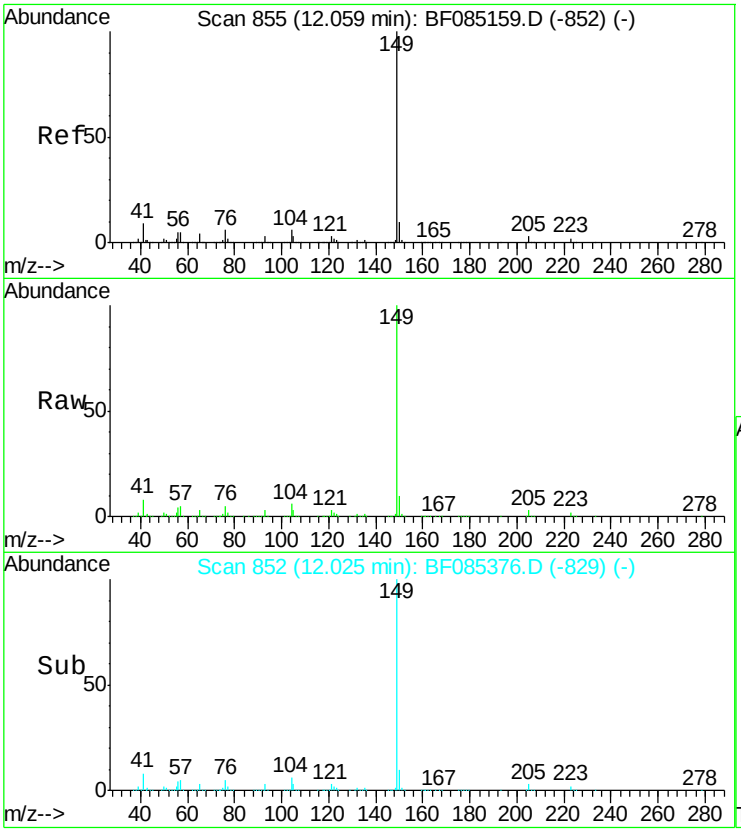


#72
Carbazole
Concen: 38.02 ng
RT: 11.69 min Scan# 823
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:167 Resp: 986023

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	15.6	11.4	17.0

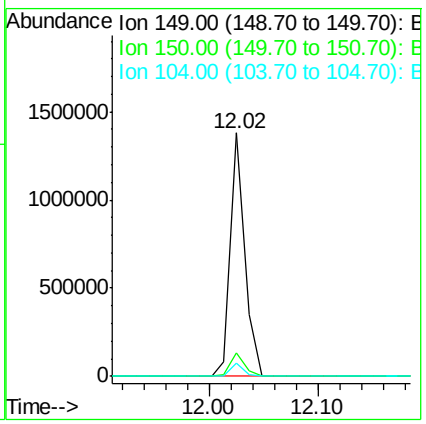




#73
Di-n-butylphthalate
Concen: 38.01 ng
RT: 12.02 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

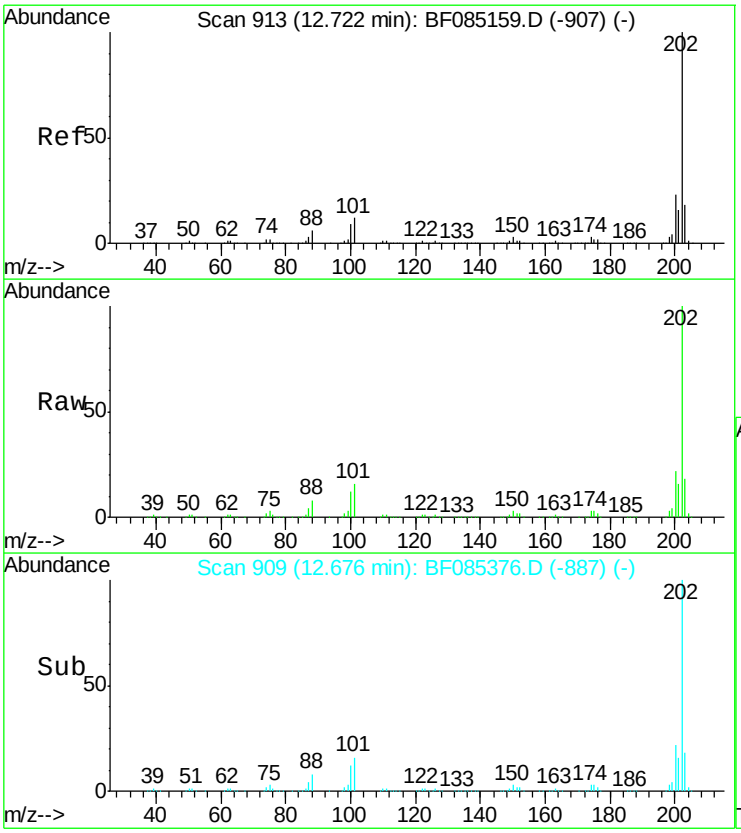
Tgt Ion:149 Resp: 1246037

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.6	4.7	7.1



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

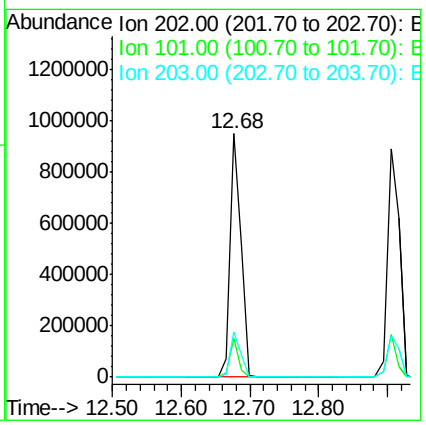
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

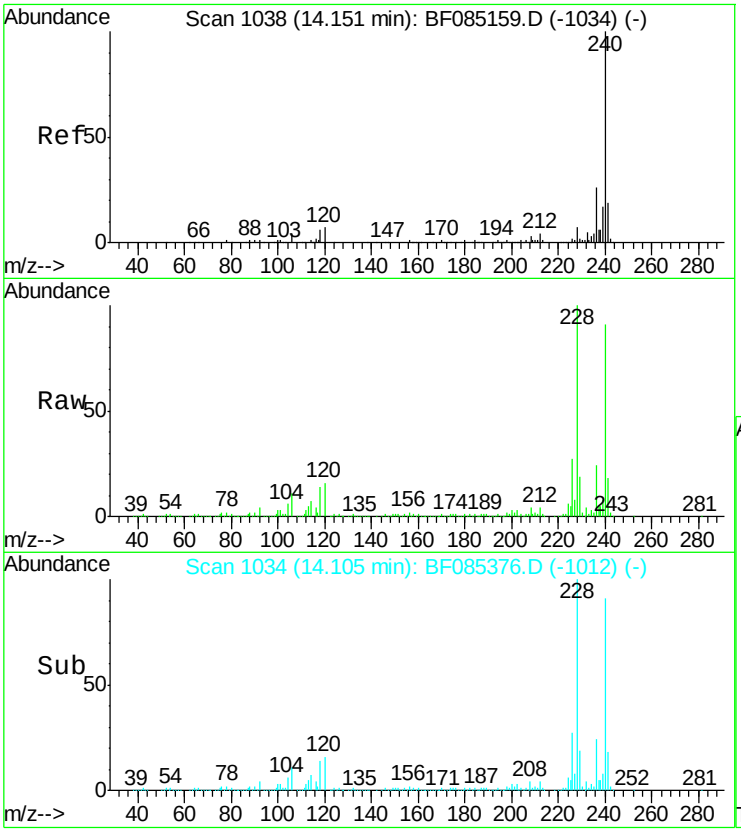


#74
Fluoranthene
Concen: 38.04 ng
RT: 12.68 min Scan# 909
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:202 Resp: 1063537

Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	31.8
203	18.4	0.0	38.4

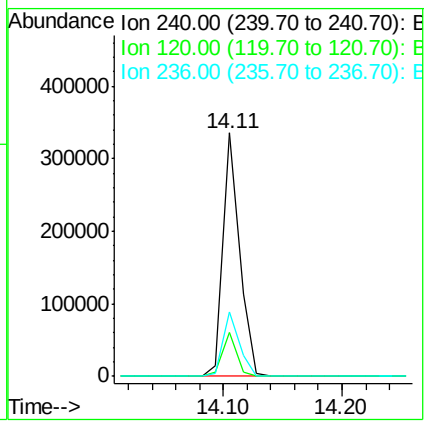




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

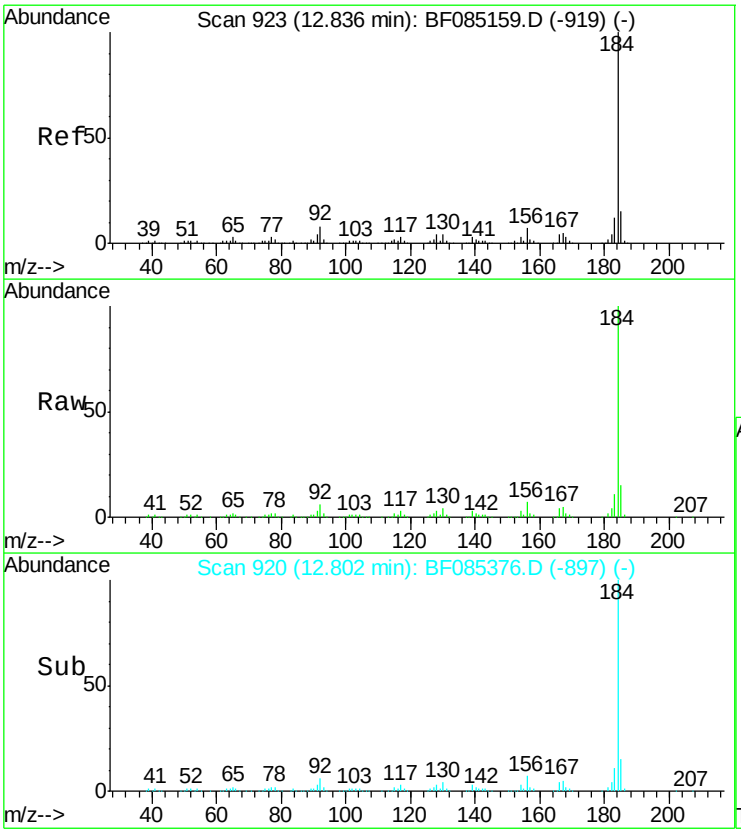
Tgt Ion:240 Resp: 322790

Ion	Ratio	Lower	Upper
240	100		
120	18.0	5.3	7.9#
236	26.3	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

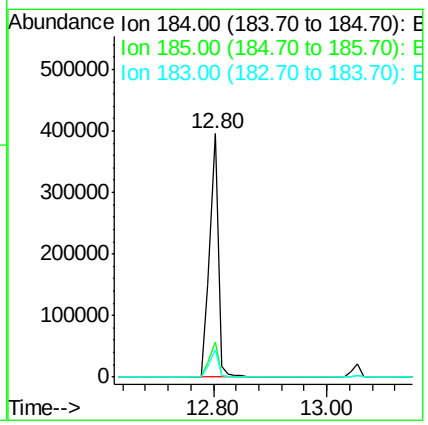
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

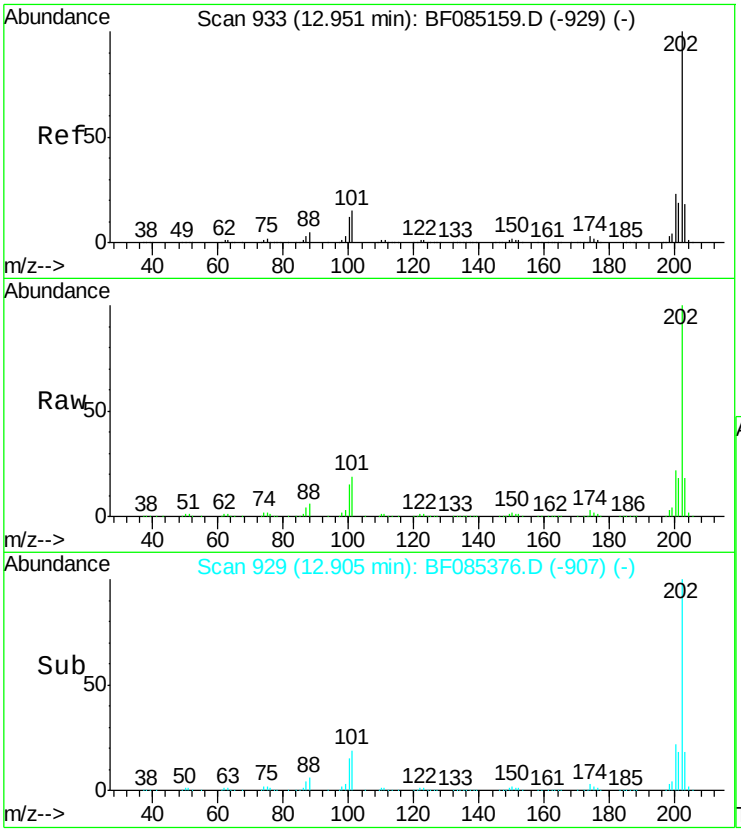


#76
Benzidine
Concen: 41.86 ng
RT: 12.80 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:184 Resp: 402103

Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.4	18.6
183	11.4	9.4	14.2

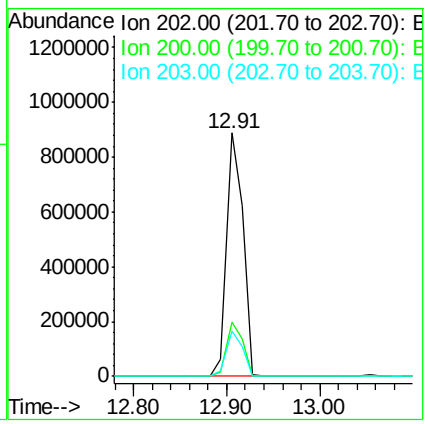




#77
Pyrene
Concen: 44.68 ng
RT: 12.91 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

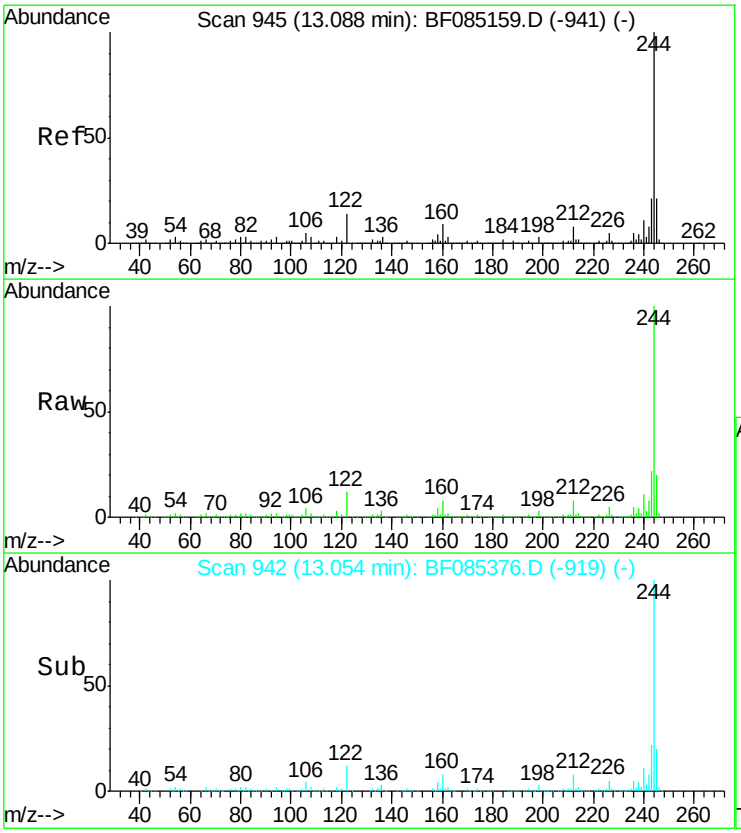
Tgt Ion:202 Resp: 1085448

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.2	27.4
203	18.3	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

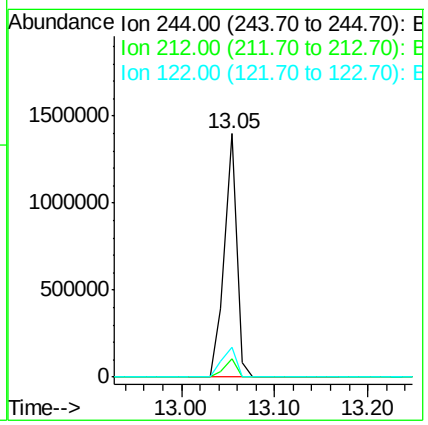
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

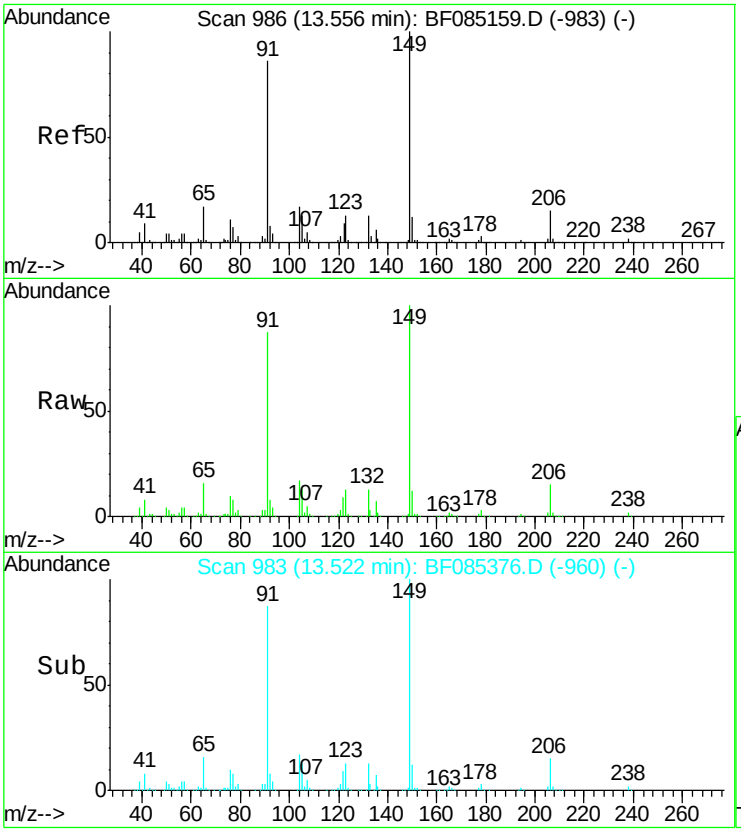


#78
Terphenyl-d14
Concen: 93.10 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:244 Resp: 1294593

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	12.4	11.4	17.2

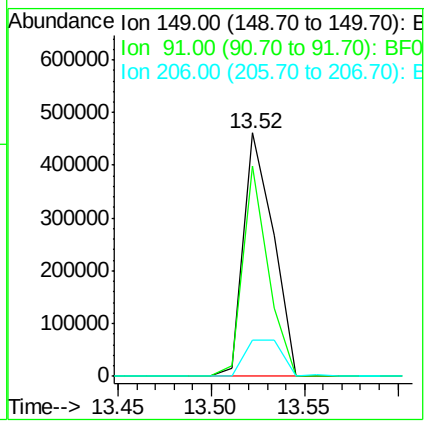




#79
Butylbenzylphthalate
Concen: 46.46 ng
RT: 13.52 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

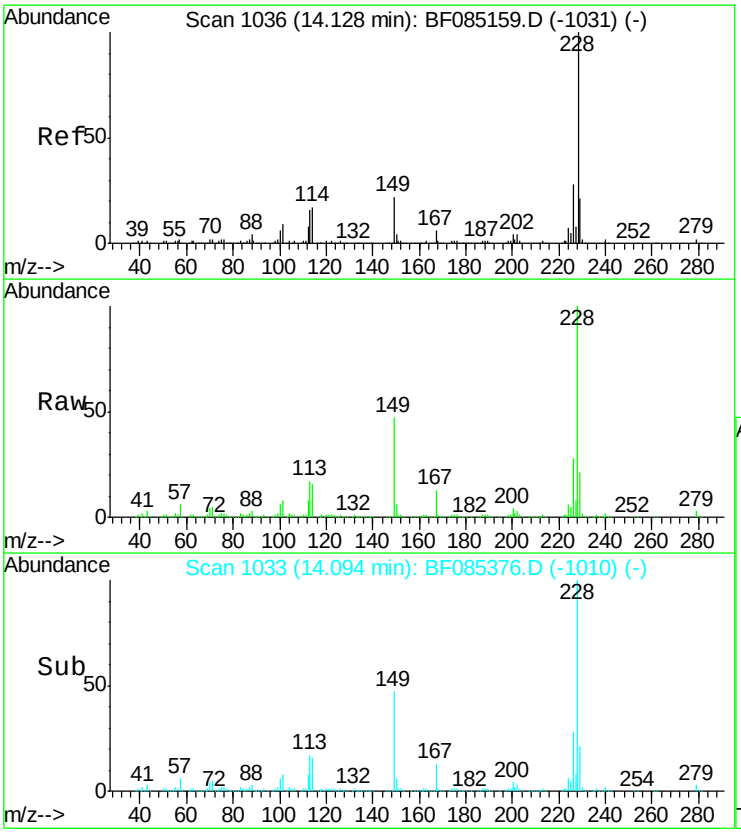
Tgt Ion:149 Resp: 512129

Ion	Ratio	Lower	Upper
149	100		
91	86.6	69.0	103.4
206	14.7	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

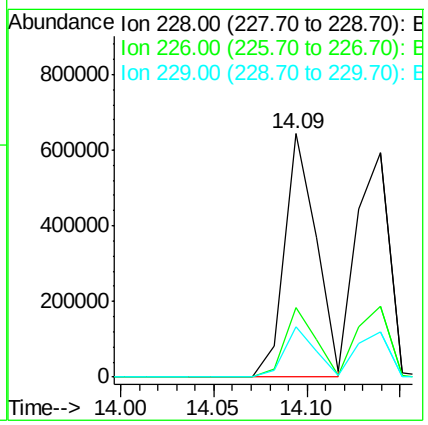
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

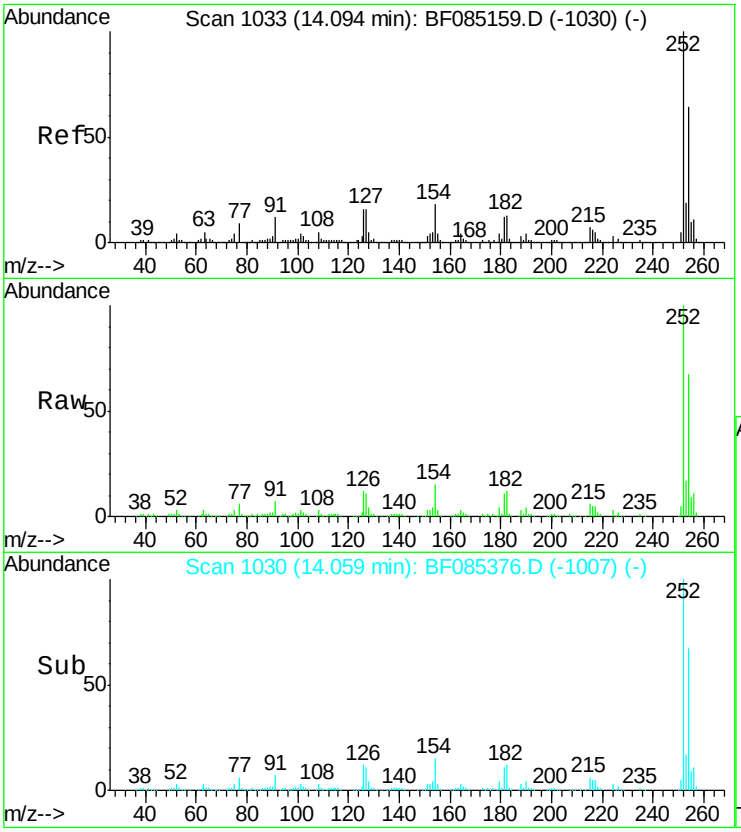


#80
Benzo(a)anthracene
Concen: 39.41 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:228 Resp: 761603

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.8	34.2
229	20.7	16.6	24.8

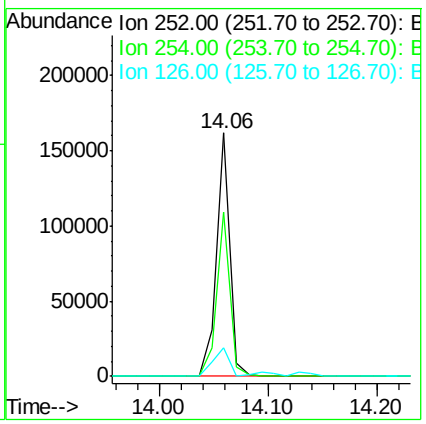




#81
3,3'-Dichlorobenzidine
Concen: 23.01 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

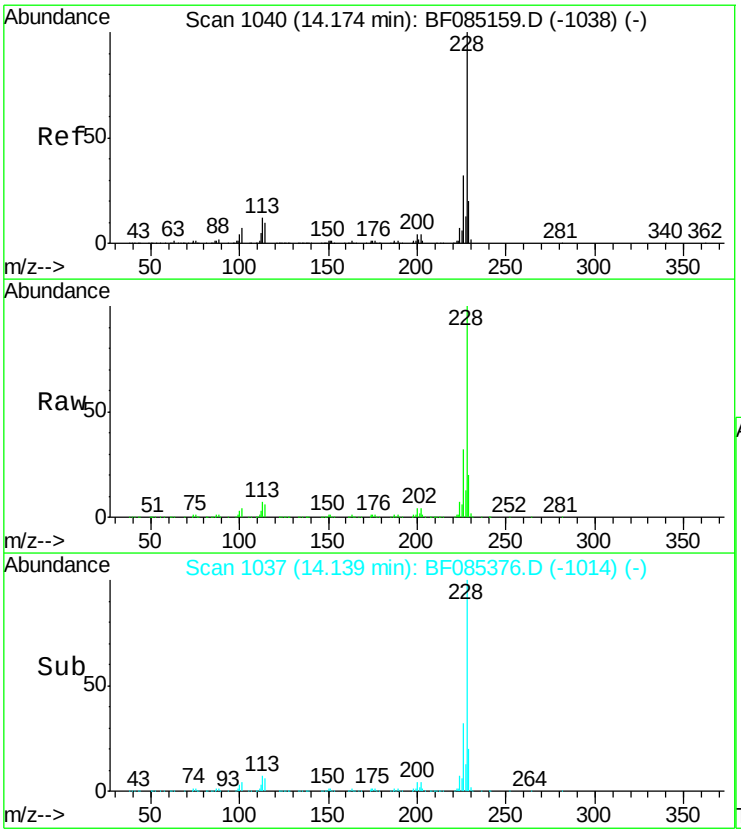
Tgt Ion:252 Resp: 140296

Ion	Ratio	Lower	Upper
252	100		
254	67.4	51.4	77.0
126	11.6	12.9	19.3#



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

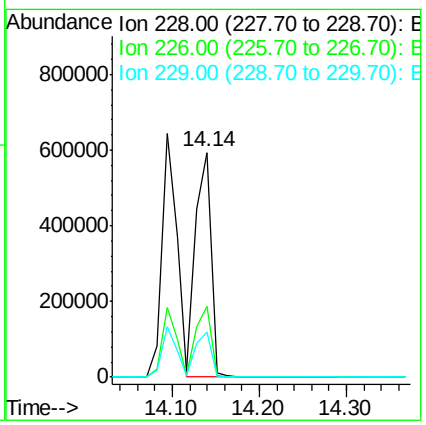
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

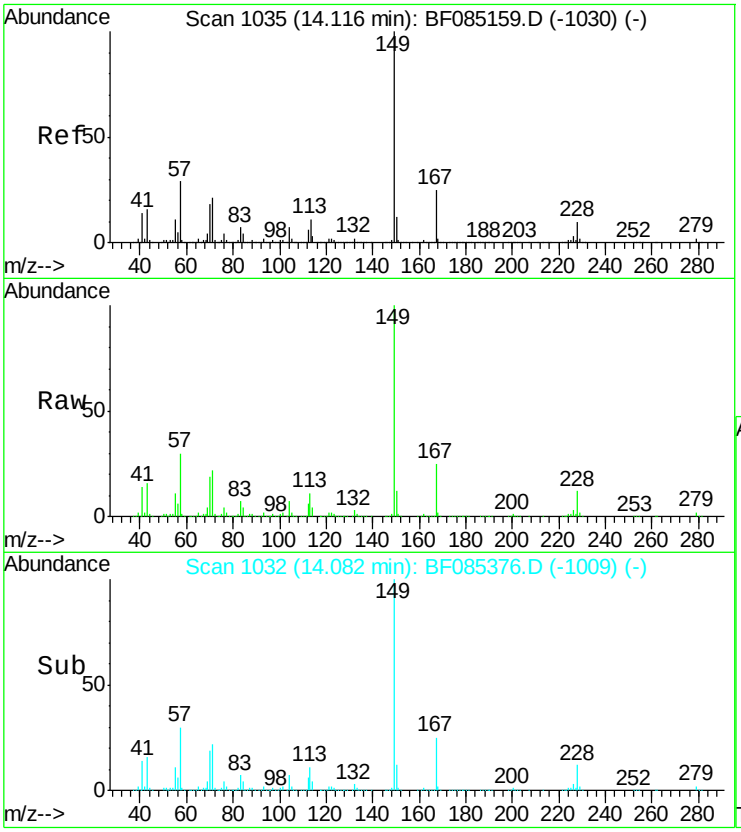


#82
Chrysene
Concen: 40.90 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:228 Resp: 730110

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.2	37.8
229	20.0	16.0	24.0





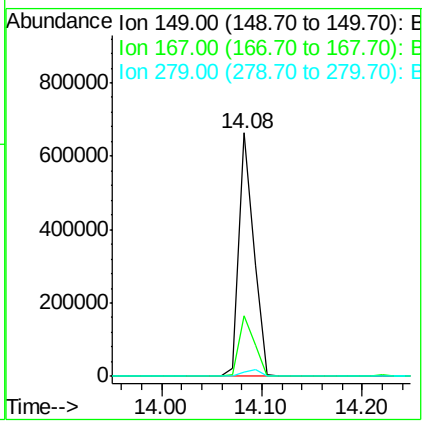
#83
Bis(2-ethylhexyl)phthalate
Concen: 47.18 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

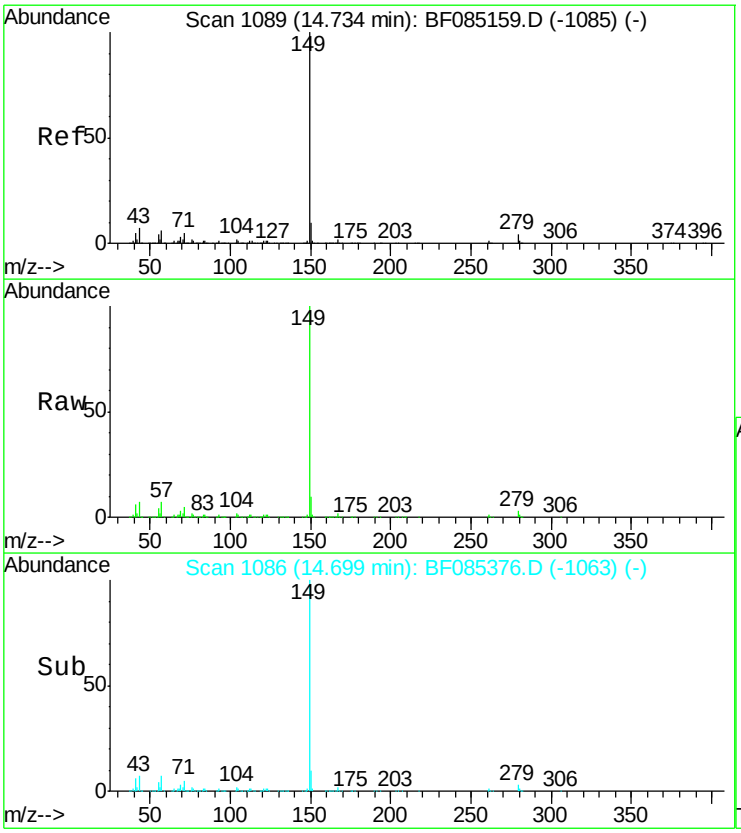
Tgt Ion:149 Resp: 684356

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.3	30.5
279	1.9	1.9	2.9#

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

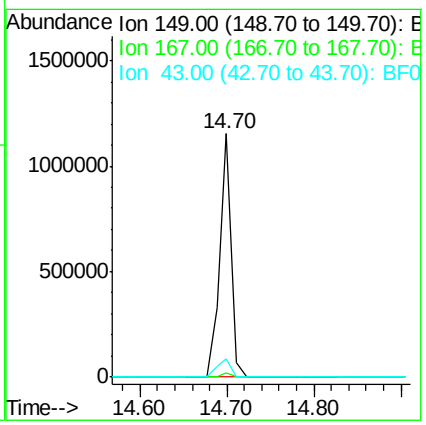


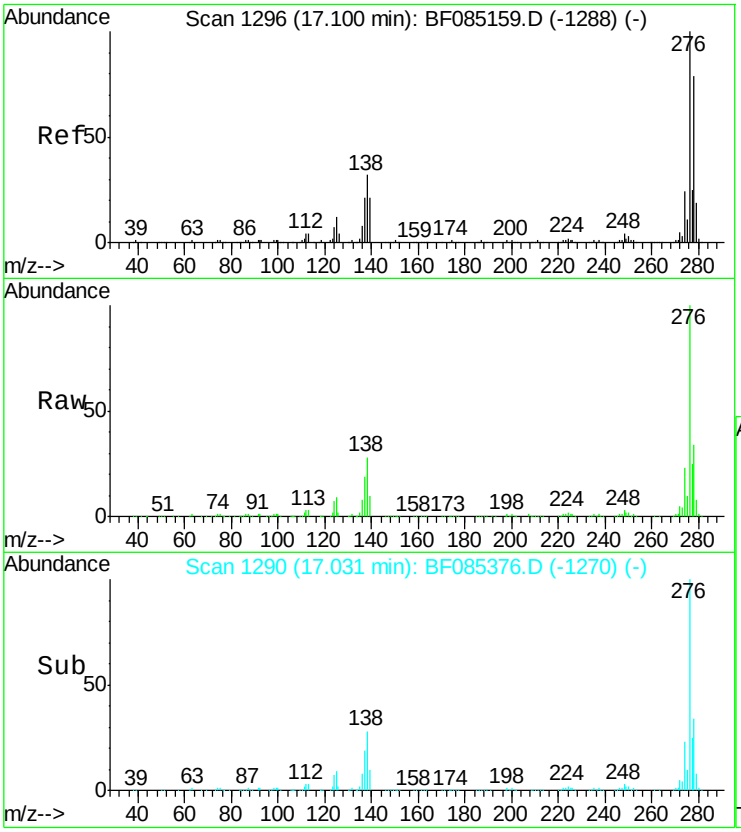


#84
Di-n-octyl phthalate
Concen: 48.72 ng
RT: 14.70 min Scan# 1086
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:149 Resp: 1076483

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.0	7.8	11.8

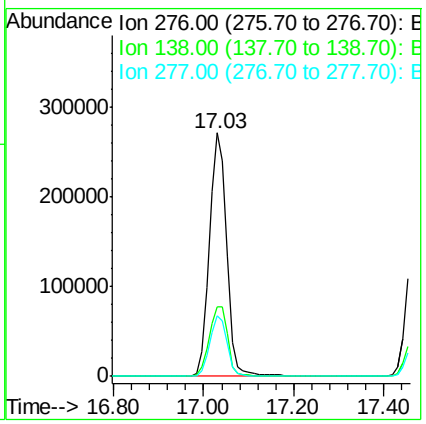




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.17 ng
RT: 17.03 min Scan# 1290
Delta R.T. -0.07 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

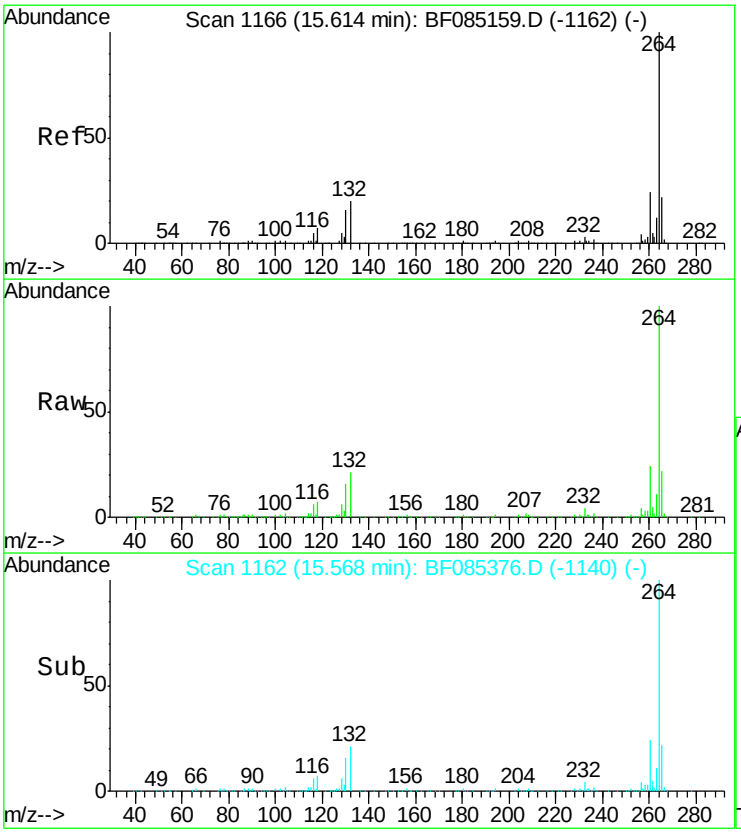
Tgt Ion:276 Resp: 726745

Ion	Ratio	Lower	Upper
276	100		
138	30.7	26.4	39.6
277	25.0	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

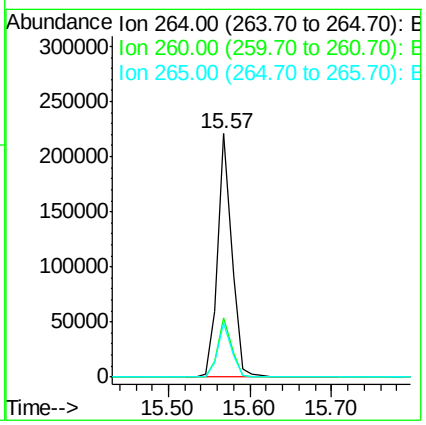
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

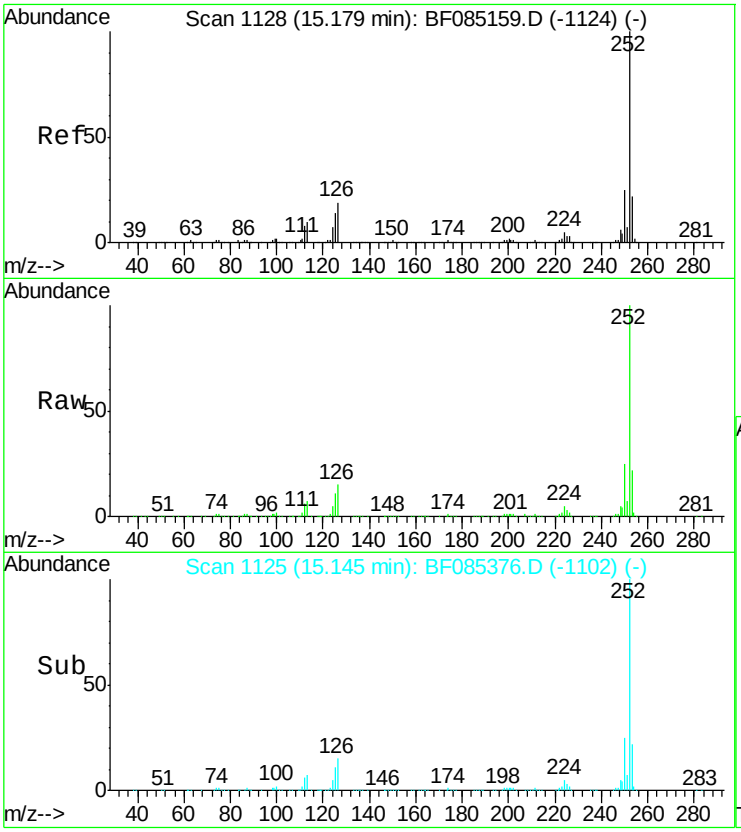


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:264 Resp: 266376

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	17.3	25.9





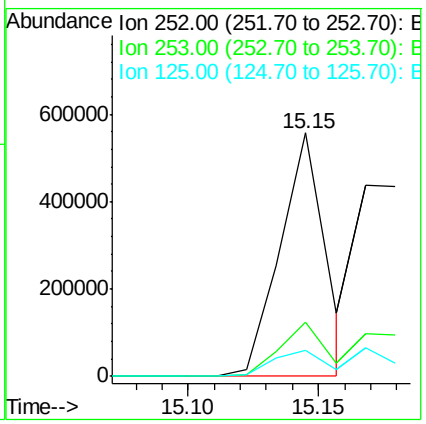
#87
Benzo(b)fluoranthene
Concen: 37.56 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

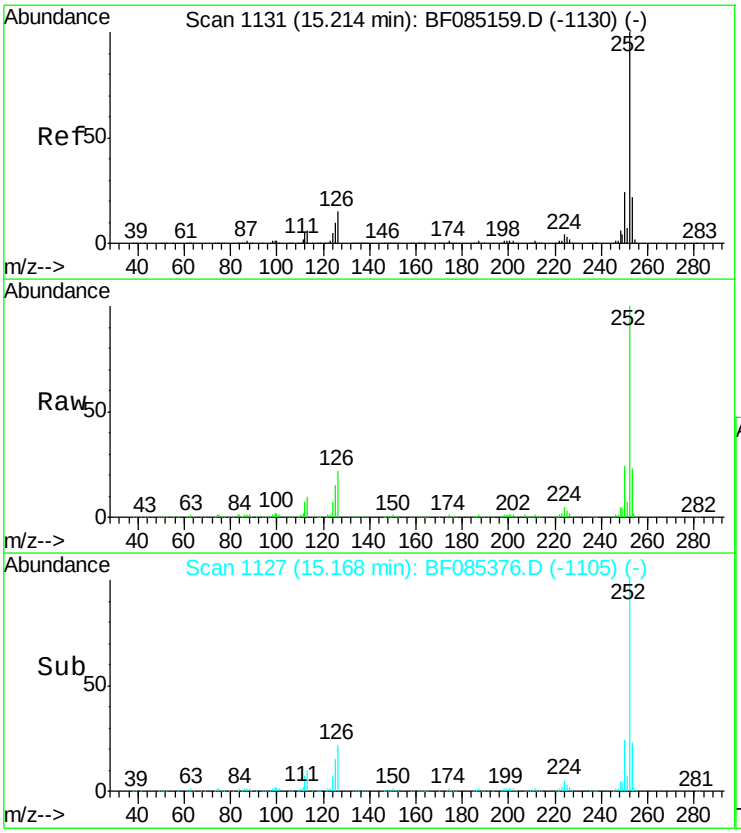
Tgt Ion:252 Resp: 666956

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.7	11.3	16.9#

Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

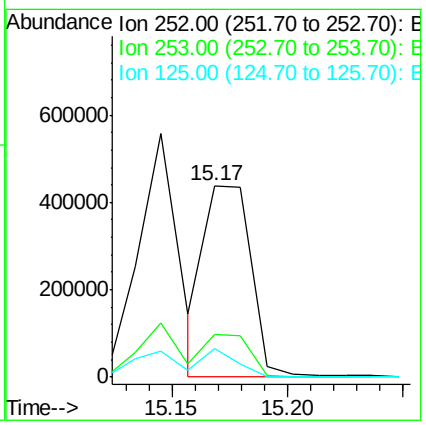


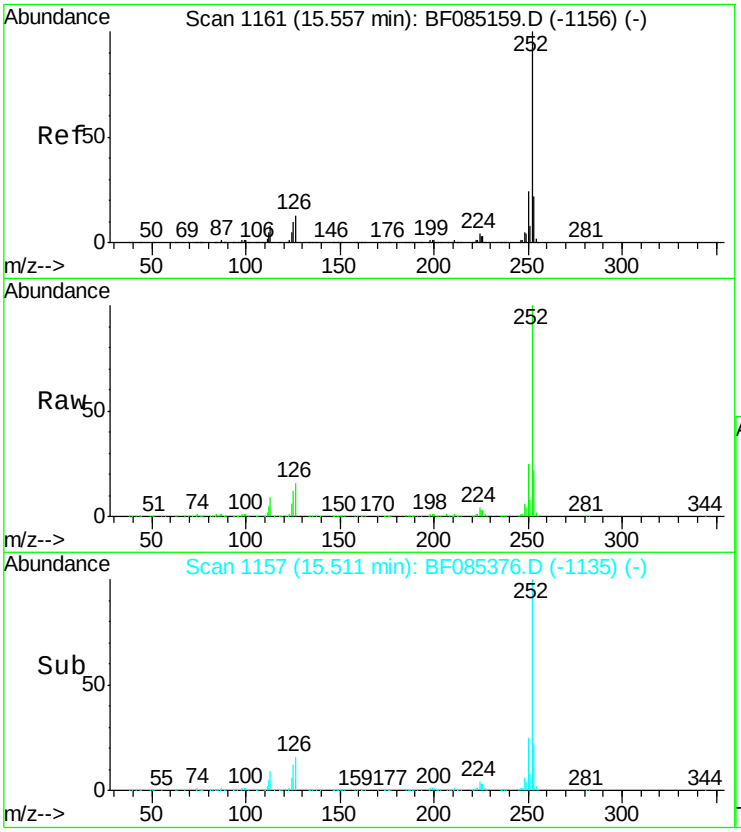


#88
Benzo(k)fluoranthene
Concen: 43.72 ng m
RT: 15.17 min Scan# 1127
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:252 Resp: 626156

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	14.9	10.4	15.6

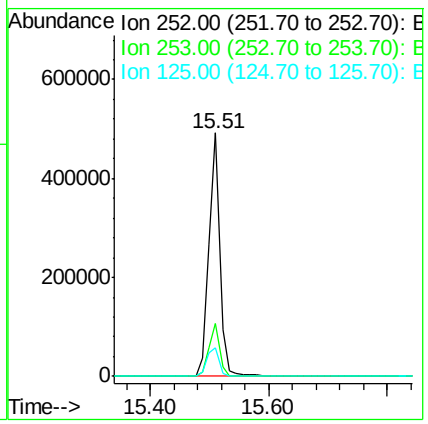




#89
Benzo(a)pyrene
Concen: 43.18 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

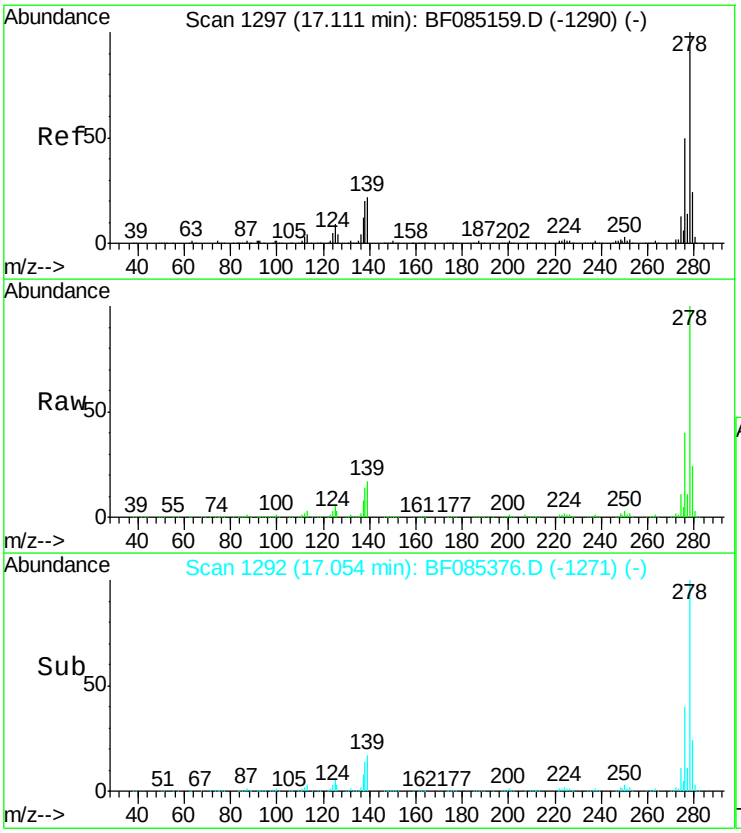
Tgt Ion:252 Resp: 635317

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.7	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

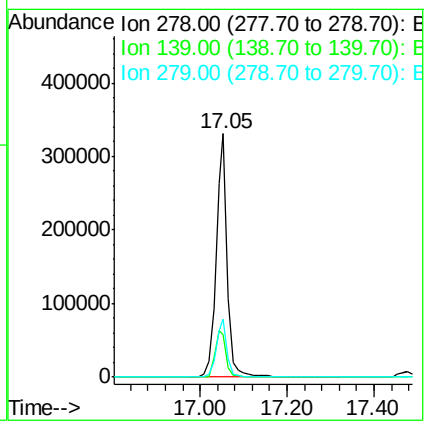
Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM

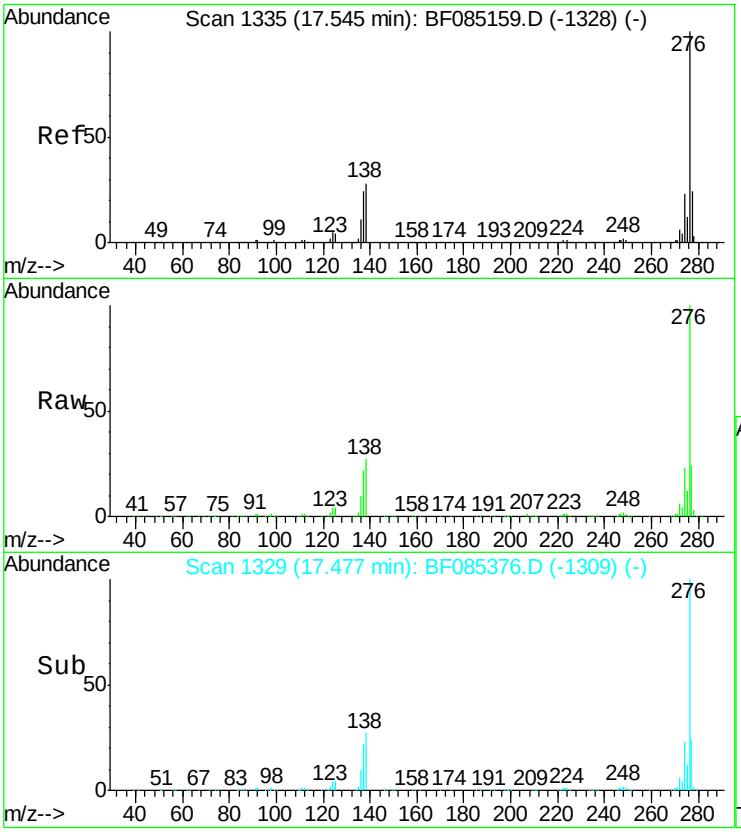


#90
Dibenzo(a,h)anthracene
Concen: 47.95 ng
RT: 17.05 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:278 Resp: 602289

Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.3	25.9
279	23.7	19.2	28.8

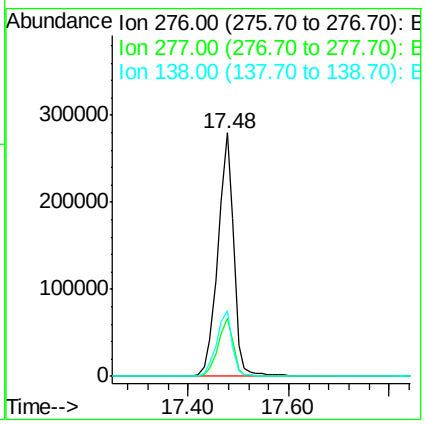




#91
Benzo(g,h,i)perylene
Concen: 48.67 ng
RT: 17.48 min Scan# 1329
Delta R.T. -0.07 min
Lab File: BF085376.D
Acq: 11 Mar 2016 17:07

Tgt Ion:276 Resp: 614651

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	27.1	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
PB88797BSD

Manual Integrations APPROVED
UMANGI
3/14/2016 10:45:03 AM