Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085256.D
Acq On : 8 Mar 2016 15:27
Operator : UM/SJ
Sample : PB88757BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88757BS

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

Quant Time: Mar 09 00:19:22 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	6.96	152	155379	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	601846	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	275752	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	523947	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	404035	20.00	ng		-0.02
86) Perylene-d12	15.59	264	284932	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1258409	135.85	ng		0.00
7) Phenol-d6	6.58	99	1500166	123.61	ng		-0.02
23) Nitrobenzene-d5	7.52	82	970235	86.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	341193	144.60	ng		-0.01
44) 2-Fluorobiphenyl	9.33	172	1678180	92.55	ng		-0.02
78) Terphenyl-d14	13.08	244	1565489	89.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	160105	33.80	ng		97
3) Pyridine	3.49	79	404942	34.16	ng		96
4) n-Nitrosodimethylamine	3.43	42	199287	39.27	ng		100
6) Aniline	6.62	93	401637	23.61	ng		99
8) 2-Chlorophenol	6.74	128	441641	39.60	ng		98
9) Benzaldehyde	6.50	77	128210	19.20	ng		99
10) Phenol	6.60	94	460004m	35.39	ng		
11) bis(2-Chloroethyl)ether	6.70	93	442684	41.01	ng		97
12) 1,3-Dichlorobenzene	6.90	146	474000	39.59	ng		99
13) 1,4-Dichlorobenzene	6.97	146	462405	38.54	ng		99
14) 1,2-Dichlorobenzene	7.13	146	451231	41.45	ng		99
15) Benzyl Alcohol	7.10	79	374480	42.03	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	548297	35.23	ng		100
17) 2-Methylphenol	7.21	107	391659	43.04	ng		99
18) Hexachloroethane	7.48	117	175108	39.56	ng		95
19) n-Nitroso-di-n-propylamine	7.37	70	288857	36.52	ng	#	91
20) 3+4-Methylphenols	7.36	107	424076	39.34	ng		97
22) Acetophenone	7.37	105	580517	39.52	ng	#	96
24) Nitrobenzene	7.54	77	519428	45.46	ng		96
25) Isophorone	7.78	82	872233	41.85	ng		97
26) 2-Nitrophenol	7.86	139	243746	43.84	ng		95
27) 2,4-Dimethylphenol	7.90	122	464934	45.76	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	499014	42.99	ng		100
29) 2,4-Dichlorophenol	8.10	162	374455	45.69	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	368890	41.64	ng		100
31) Naphthalene	8.26	128	1207214	40.79	ng		99
32) Benzoic acid	8.00	122	244599	36.24	ng		98
33) 4-Chloroaniline	8.31	127	146654	12.25	ng		97
34) Hexachlorobutadiene	8.39	225	201592	43.73	ng		98
35) Caprolactam	8.69	113	133710m	49.96	ng		
36) 4-Chloro-3-methylphenol	8.79	107	395418	42.53	ng		97
37) 2-Methylnaphthalene	8.96	142	869545	45.79	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	333336	42.27	ng		98
40) Hexachlorocyclopentadiene	9.12	237	398953	93.80	ng		98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085256.D
Acq On : 8 Mar 2016 15:27
Operator : UM/SJ
Sample : PB88757BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88757BS

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

Quant Time: Mar 09 00:19:22 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	9.24	196	256790	43.74	ng		98
43) 2,4,5-Trichlorophenol	9.28	196	256849	46.15	ng	#	88
45) 1,1'-Biphenyl	9.43	154	992689	42.14	ng		93
46) 2-Chloronaphthalene	9.45	162	788998	43.94	ng		97
47) 2-Nitroaniline	9.54	65	259178	46.58	ng	#	77
48) Acenaphthylene	9.86	152	1155461	41.34	ng		99
49) Dimethylphthalate	9.73	163	942864	44.55	ng		99
50) 2,6-Dinitrotoluene	9.78	165	199484	44.06	ng		97
51) Acenaphthene	10.04	154	795296	46.86	ng		99
52) 3-Nitroaniline	9.96	138	110080	20.32	ng		86
53) 2,4-Dinitrophenol	10.06	184	203000	87.51	ng	#	53
54) Dibenzofuran	10.21	168	982139	44.17	ng		98
55) 4-Nitrophenol	10.12	139	376668	88.48	ng		90
56) 2,4-Dinitrotoluene	10.18	165	238055	41.08	ng	#	83
57) Fluorene	10.55	166	748795	42.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	189593	48.49	ng		99
59) Diethylphthalate	10.42	149	890362	43.35	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	349196	41.10	ng		90
61) 4-Nitroaniline	10.57	138	227615	44.92	ng		82
62) Azobenzene	10.70	77	938077	46.36	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	142773	45.51	ng		76
65) n-Nitrosodiphenylamine	10.66	169	766977	47.06	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	207318	40.75	ng	#	85
67) Hexachlorobenzene	11.10	284	223885	41.25	ng	#	84
68) Atrazine	11.19	200	259005	57.15	ng		94
69) Pentachlorophenol	11.29	266	284470	94.43	ng		99
70) Phenanthrene	11.51	178	1158621	42.20	ng		99
71) Anthracene	11.57	178	1280811	43.94	ng		99
72) Carbazole	11.72	167	1062561	41.57	ng		99
73) Di-n-butylphthalate	12.05	149	1378077	42.65	ng		99
74) Fluoranthene	12.70	202	1141115	41.41	ng		97
76) Benzidine	12.81	184	344125	28.62	ng		99
77) Pyrene	12.93	202	1130288	37.17	ng		99
79) Butylbenzylphthalate	13.55	149	582763	42.23	ng	#	80
80) Benzo(a)anthracene	14.12	228	944817	39.06	ng		99
81) 3,3'-Dichlorobenzidine	14.07	252	120427	15.78	ng		98
82) Chrysene	14.15	228	863960	38.67	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	731523	40.29	ng	#	96
84) Di-n-octyl phthalate	14.71	149	1157637	41.86	ng		99
85) Indeno(1,2,3-cd)pyrene	17.05	276	702317	40.28	ng		99
87) Benzo(b)fluoranthene	15.16	252	876534	46.15	ng		99
88) Benzo(k)fluoranthene	15.19	252	616935m	40.27	ng		
89) Benzo(a)pyrene	15.53	252	695962	44.22	ng		99
90) Dibenzo(a,h)anthracene	17.08	278	591013	43.99	ng		96
91) Benzo(g,h,i)perylene	17.50	276	603507	44.68	ng		99

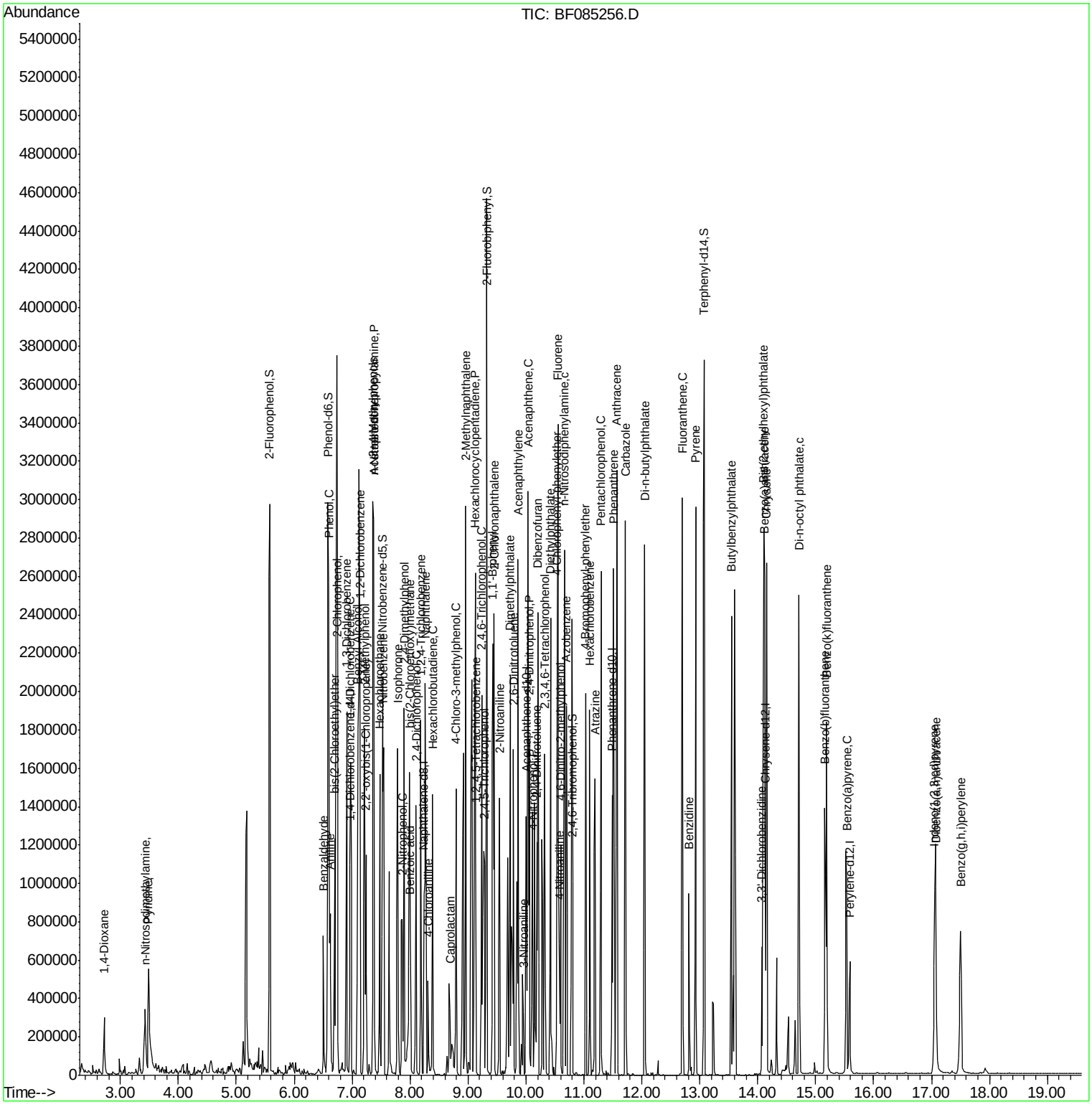
(#) = qualifier out of range (m) = manual integration (+) = signals summed

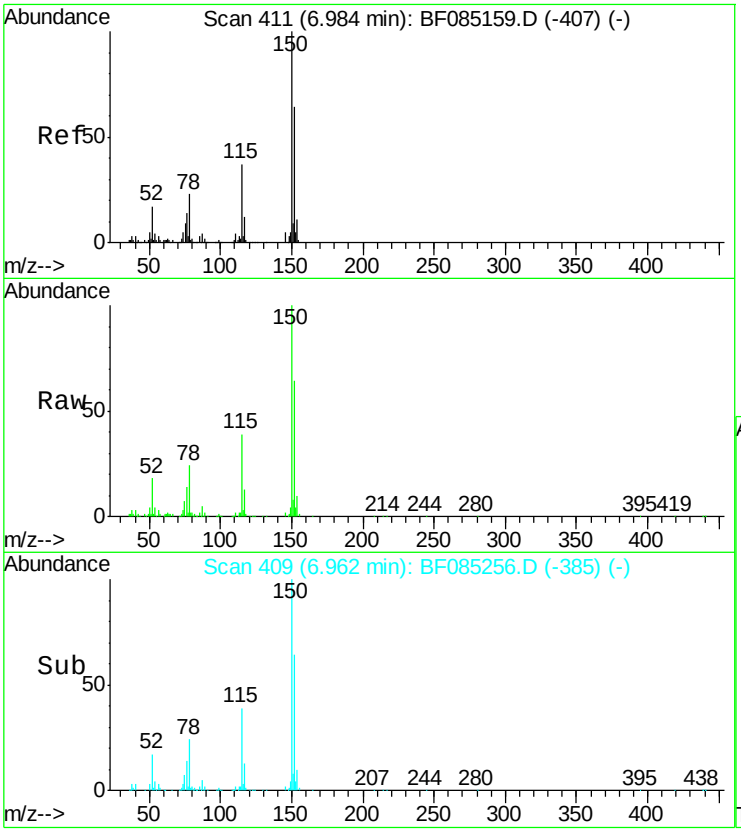
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085256.D
Acq On : 8 Mar 2016 15:27
Operator : UM/SJ
Sample : PB88757BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 09 00:19:22 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 :
PB88757BS

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

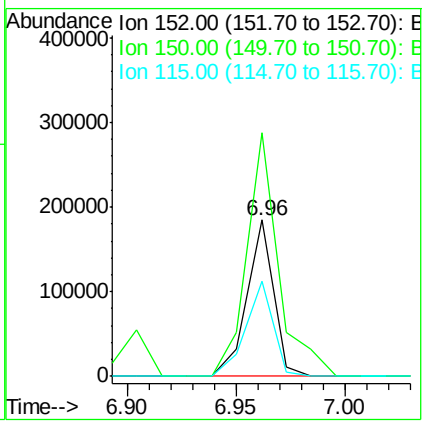




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

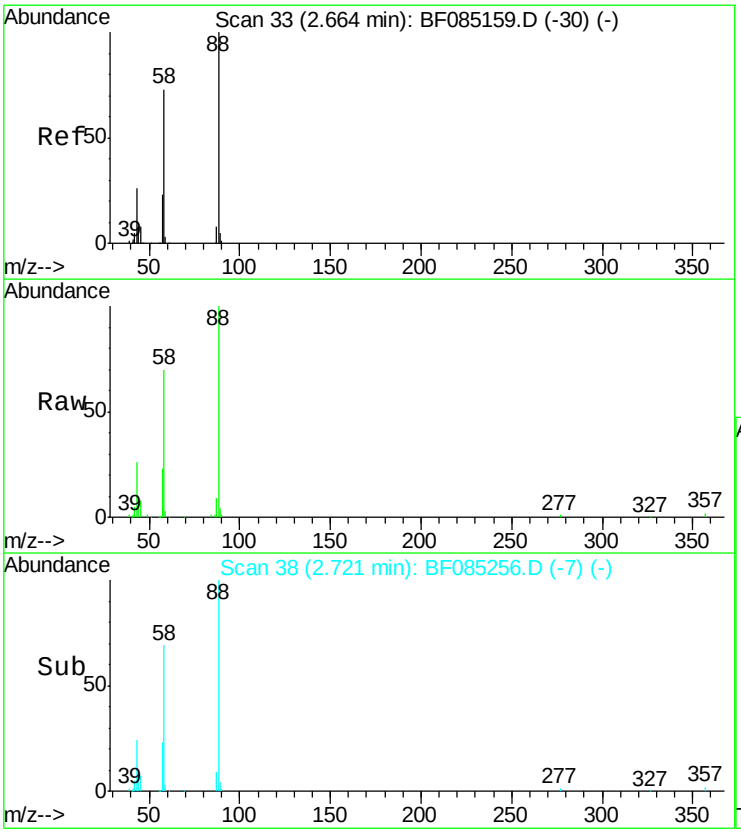
Tgt Ion:152 Resp: 155379

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	186.8
115	60.6	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
PB88757BS

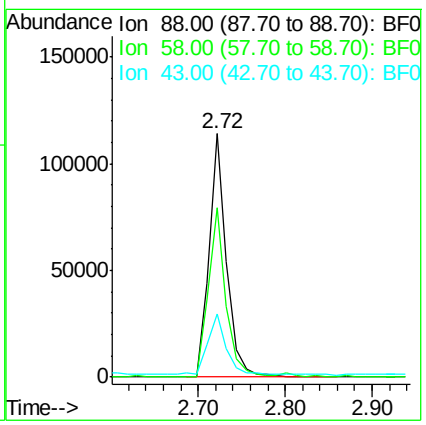
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

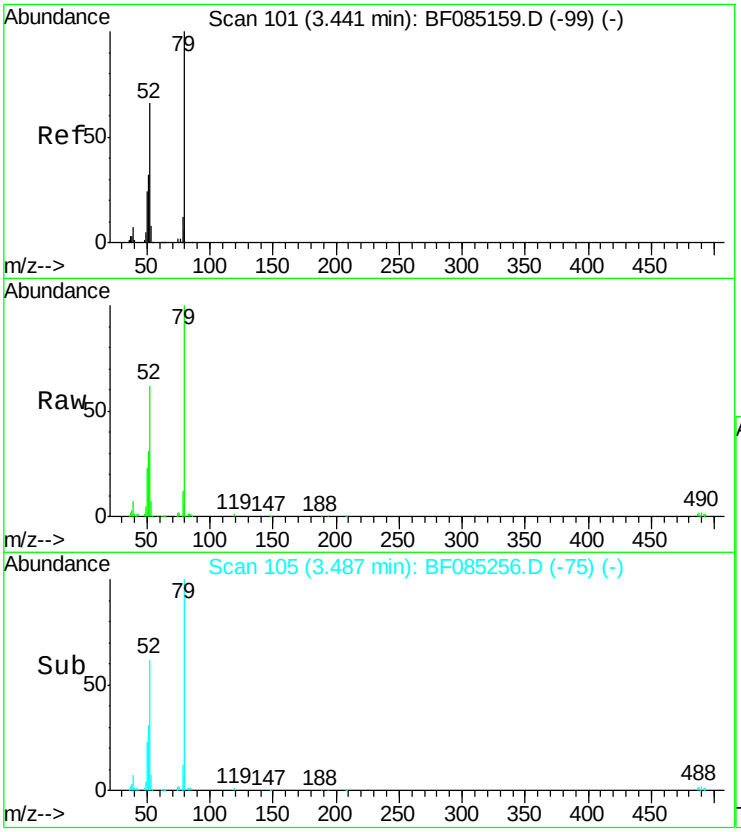


#2
1,4-Dioxane
Concen: 33.80 ng
RT: 2.72 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 88 Resp: 160105

Ion	Ratio	Lower	Upper
88	100		
58	68.5	57.0	85.6
43	25.8	20.5	30.7

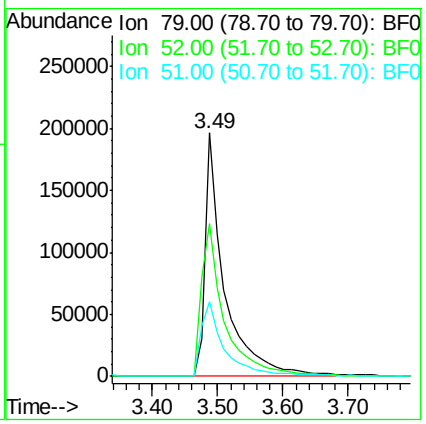




#3
Pyridine
Concen: 34.16 ng
RT: 3.49 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

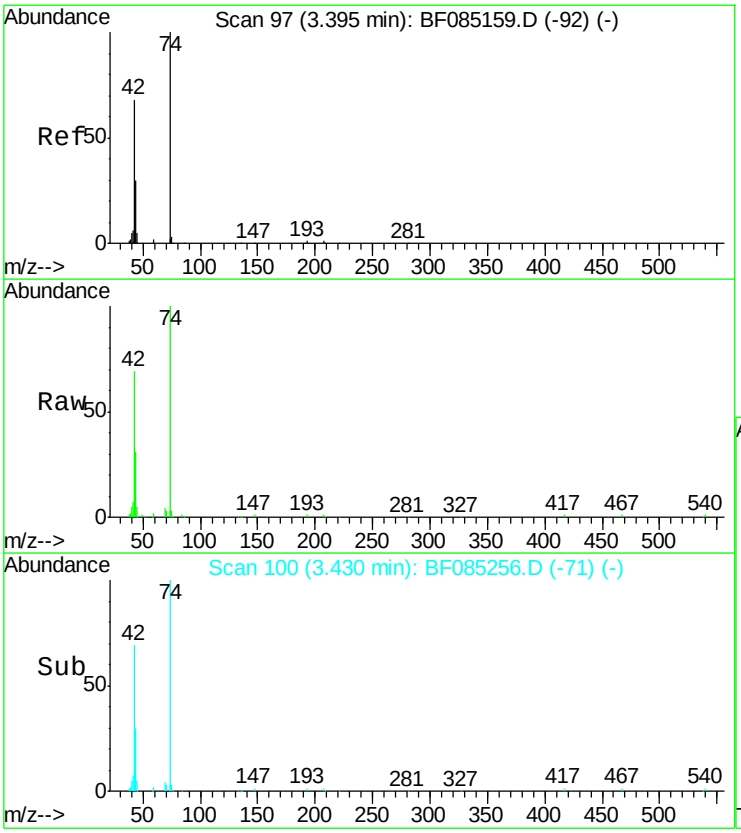
Tgt Ion: 79 Resp: 404942

Ion	Ratio	Lower	Upper
79	100		
52	62.5	52.6	79.0
51	30.9	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
PB88757BS

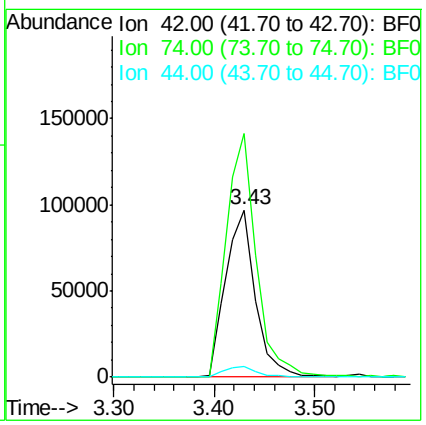
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

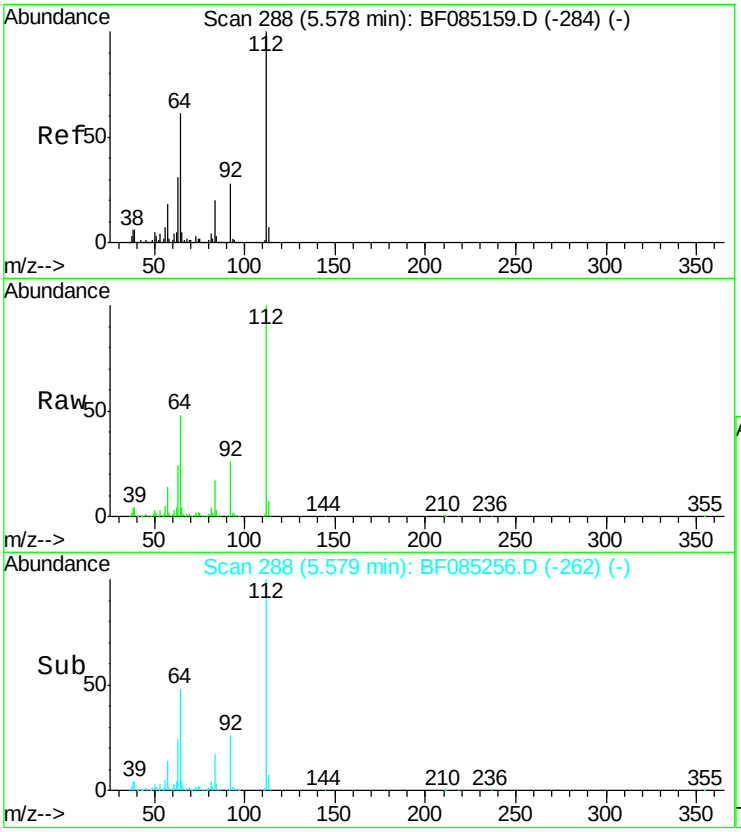


#4
n-Nitrosodimethylamine
Concen: 39.27 ng
RT: 3.43 min Scan# 100
Delta R.T. 0.03 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 42 Resp: 199287

Ion	Ratio	Lower	Upper
42	100		
74	145.6	116.8	175.2
44	6.7	5.5	8.3





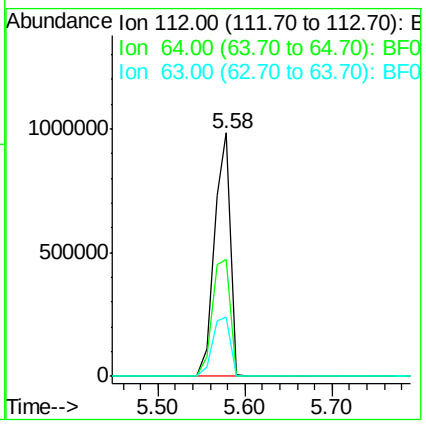
#5
2-Fluorophenol
Concen: 135.85 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

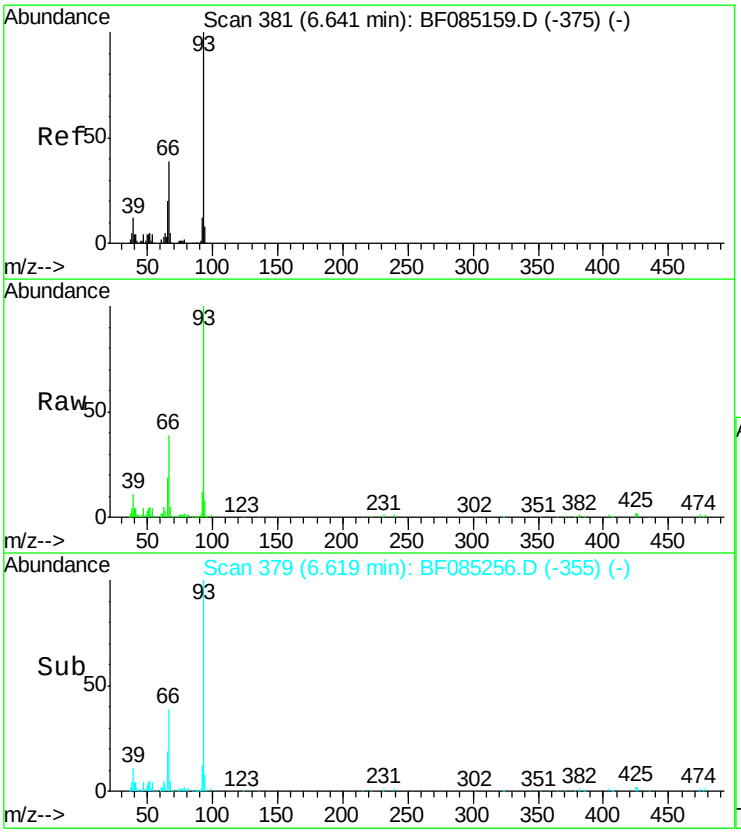
Tgt Ion:112 Resp: 1258409

Ion	Ratio	Lower	Upper
112	100		
64	48.1	49.0	73.4#
63	24.3	24.8	37.2#

Instrument :
BNA_F
ClientSampleId :
PB88757BS

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

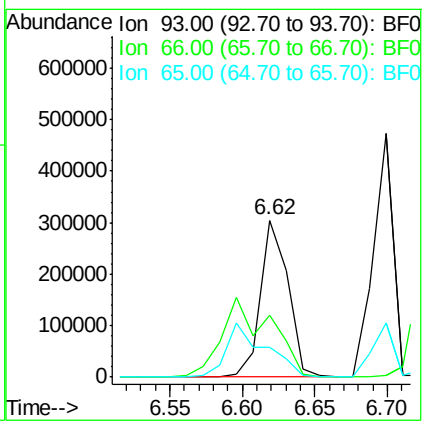


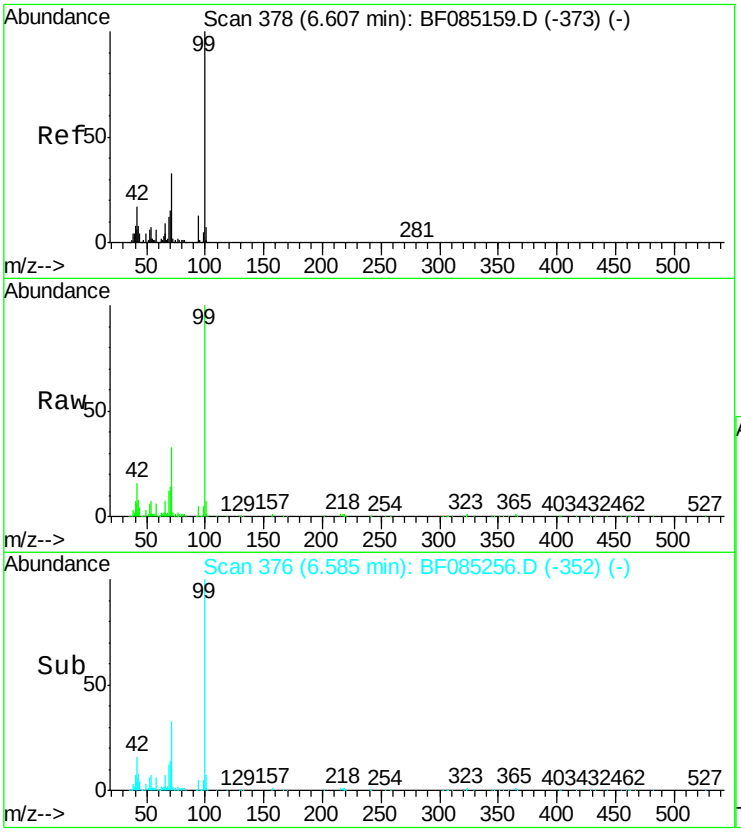


#6
Aniline
Concen: 23.61 ng
RT: 6.62 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 93 Resp: 401637

Ion	Ratio	Lower	Upper
93	100		
66	39.0	31.6	47.4
65	19.3	15.8	23.8

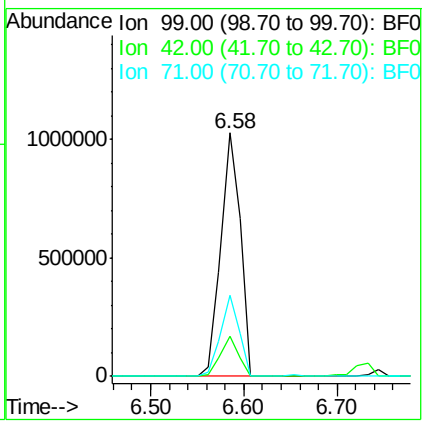




#7
Phenol-d6
Concen: 123.61 ng
RT: 6.58 min Scan# 376
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

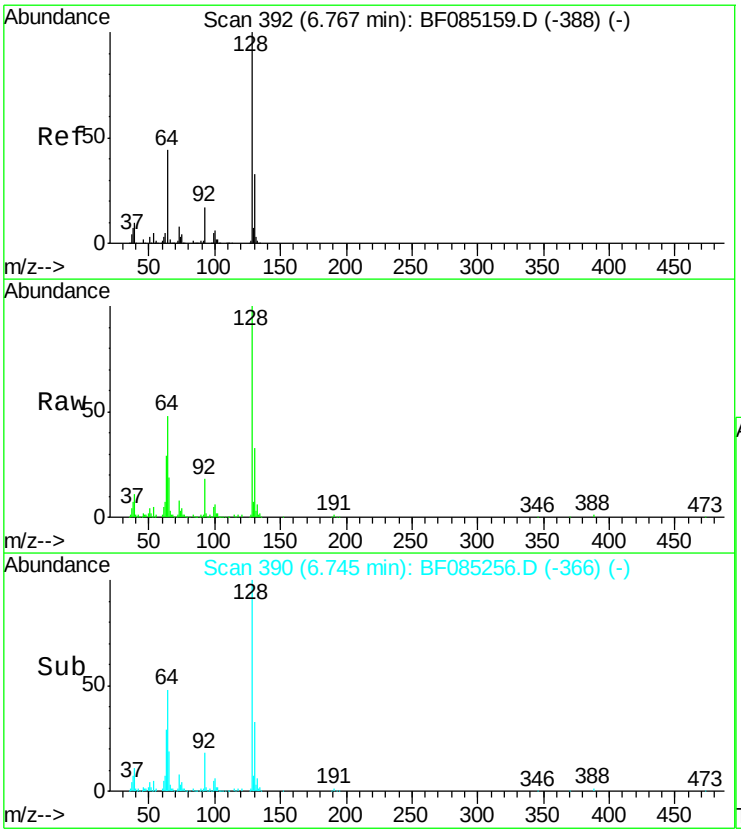
Tgt Ion: 99 Resp: 1500166

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	33.3	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
PB88757BS

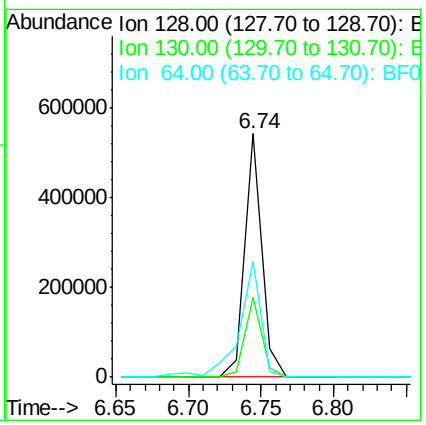
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

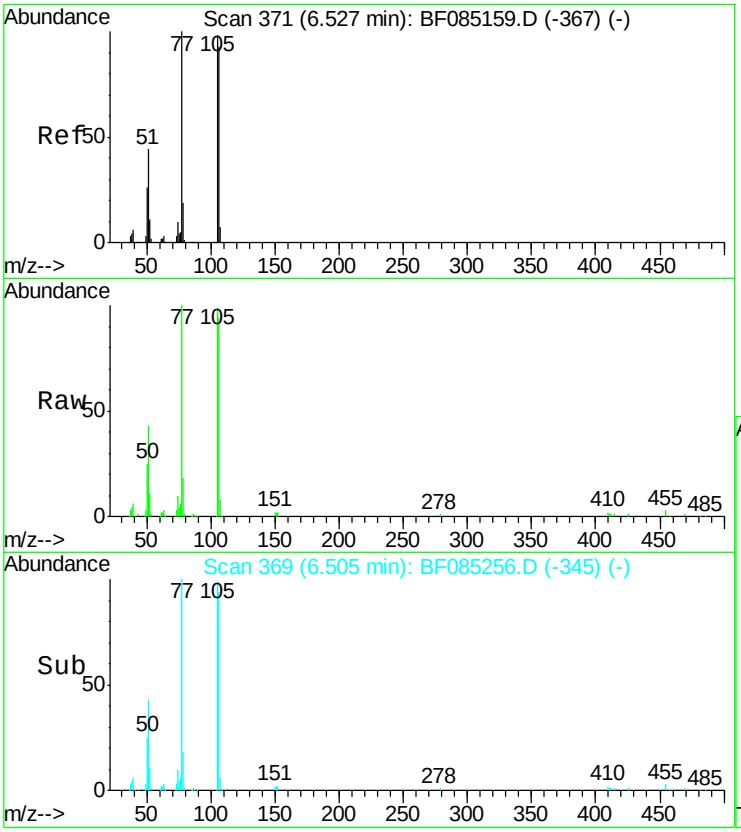


#8
2-Chlorophenol
Concen: 39.60 ng
RT: 6.74 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:128 Resp: 441641

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.3	53.3
64	47.6	25.7	65.7

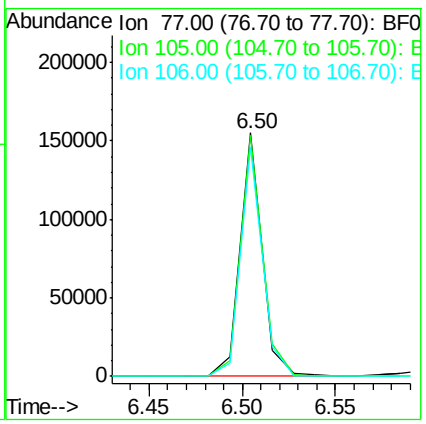




#9
Benzaldehyde
Concen: 19.20 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

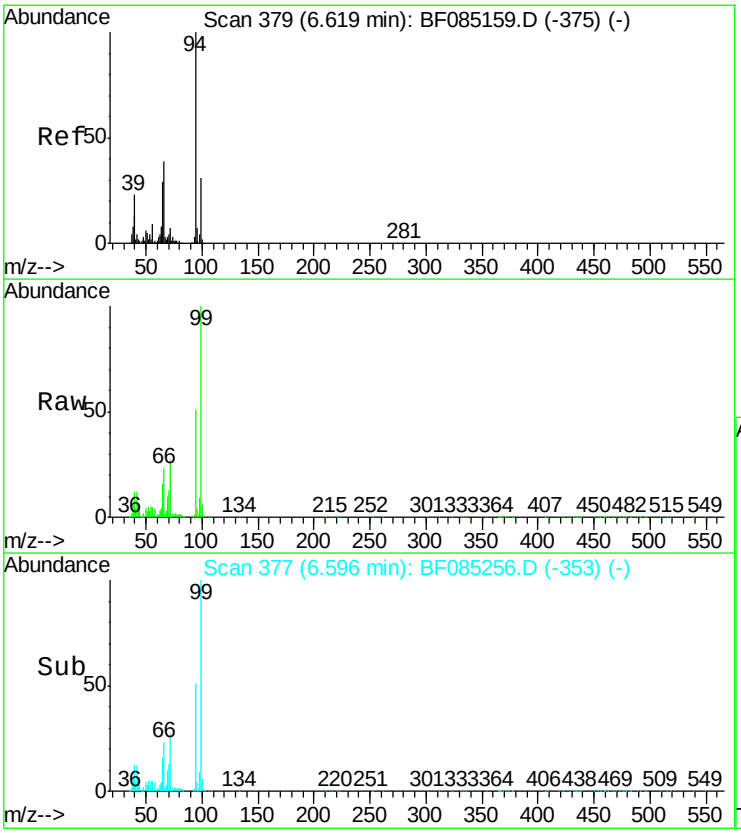
Tgt Ion: 77 Resp: 128210

Ion	Ratio	Lower	Upper
77	100		
105	99.1	78.2	118.2
106	94.1	72.9	112.9



Instrument :
BNA_F
ClientSampleId :
PB88757BS

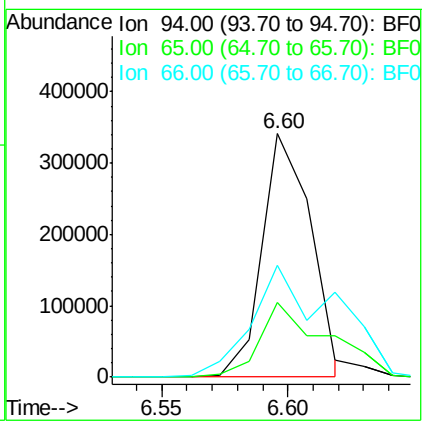
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

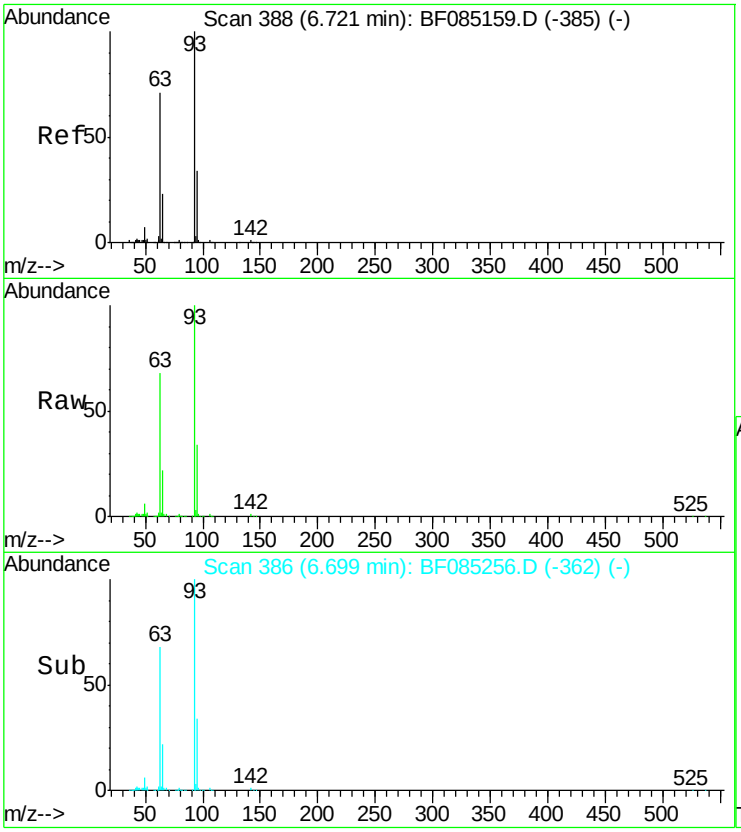


#10
Phenol
Concen: 35.39 ng m
RT: 6.60 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 94 Resp: 460004

Ion	Ratio	Lower	Upper
94	100		
65	30.5	9.1	49.1
66	45.7	19.3	59.3

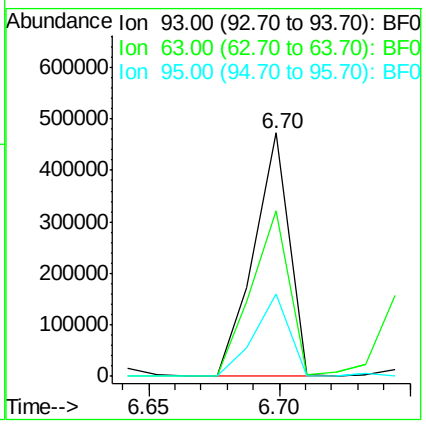




#11
bis(2-Chloroethyl)ether
Concen: 41.01 ng
RT: 6.70 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

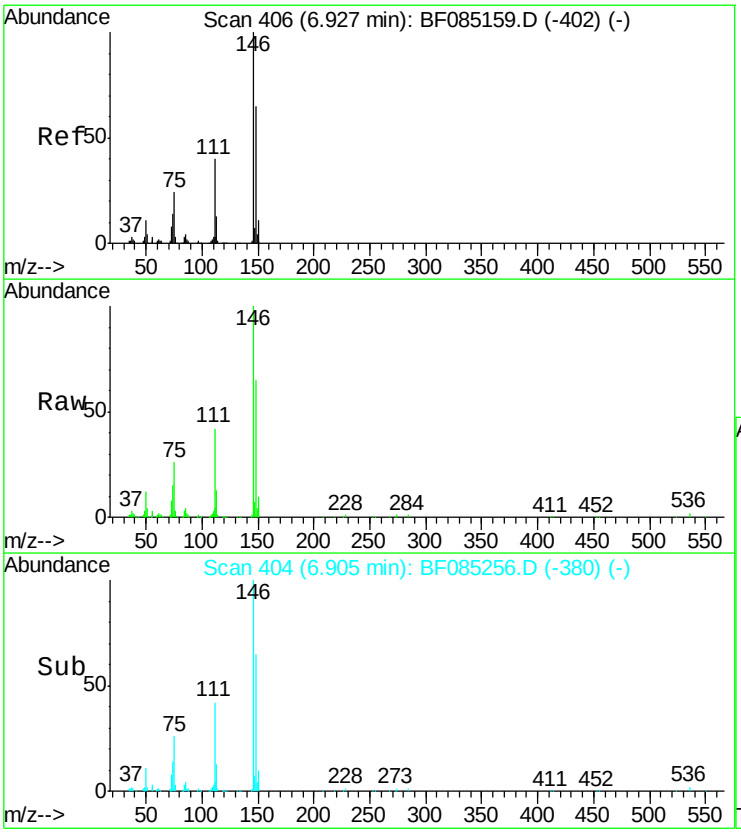
Tgt Ion: 93 Resp: 442684

Ion	Ratio	Lower	Upper
93	100		
63	67.9	50.9	90.9
95	33.6	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
PB88757BS

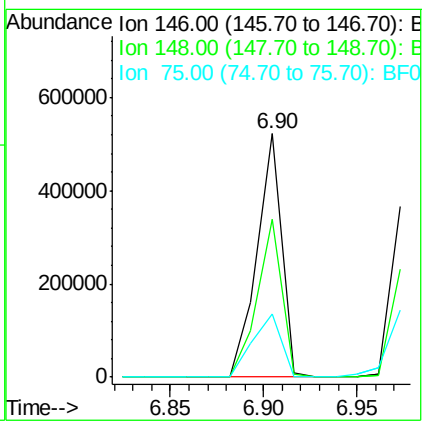
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

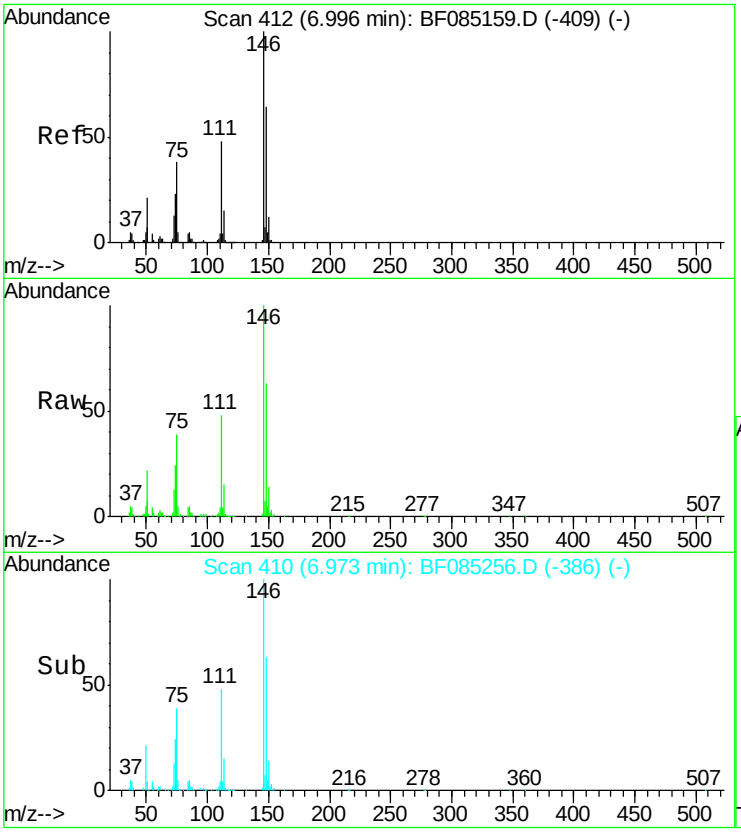


#12
1,3-Dichlorobenzene
Concen: 39.59 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:146 Resp: 474000

Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	25.9	19.5	29.3

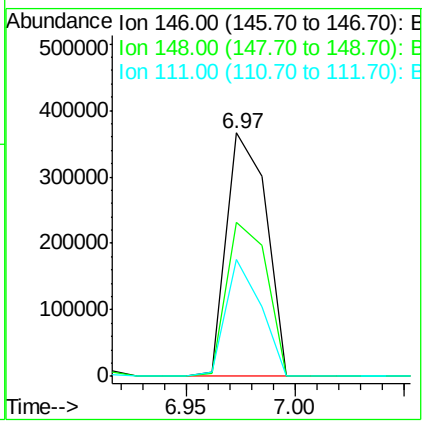




#13
1,4-Dichlorobenzene
Concen: 38.54 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

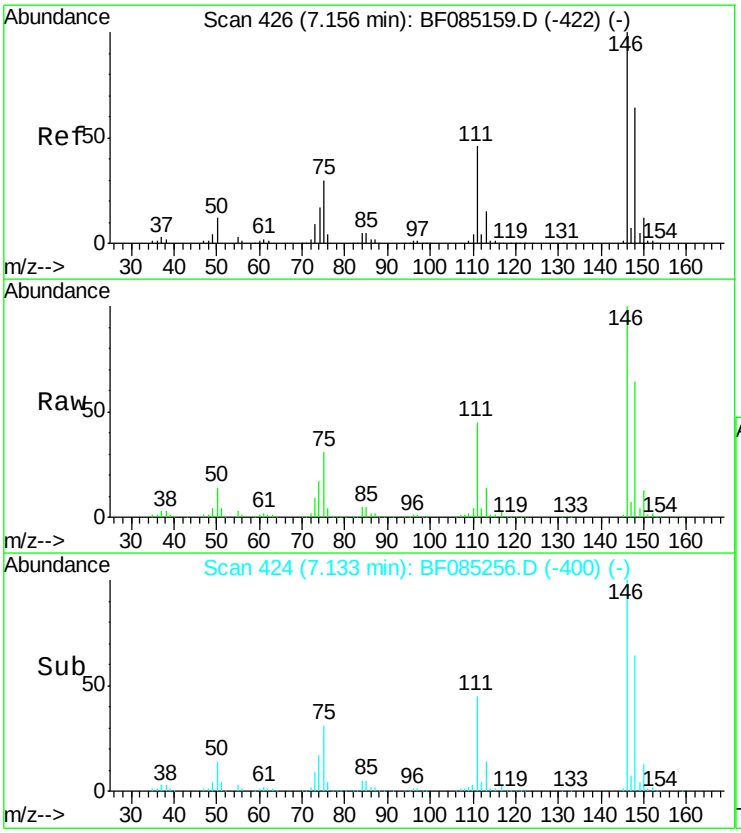
Tgt Ion:146 Resp: 462405

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.3	76.9
111	48.2	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
PB88757BS

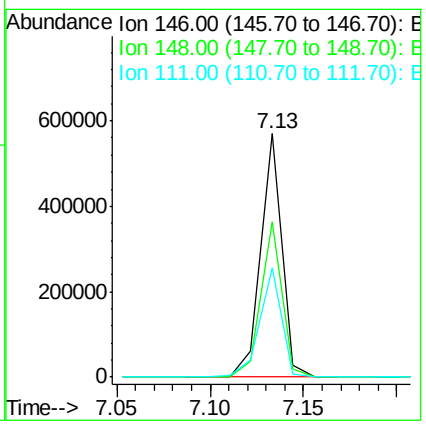
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

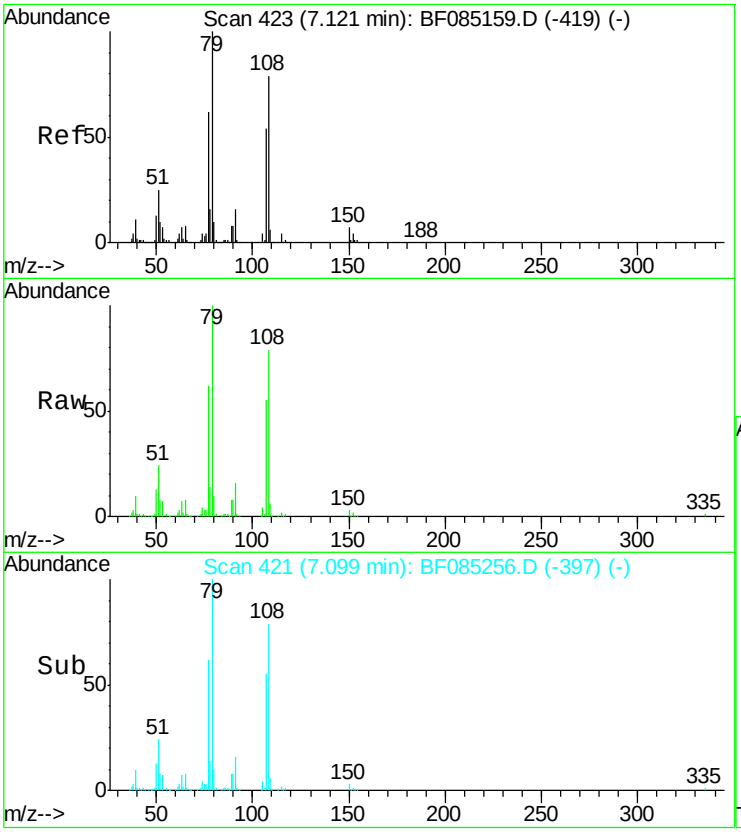


#14
1,2-Dichlorobenzene
Concen: 41.45 ng
RT: 7.13 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:146 Resp: 451231

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.4	77.2
111	44.6	36.7	55.1

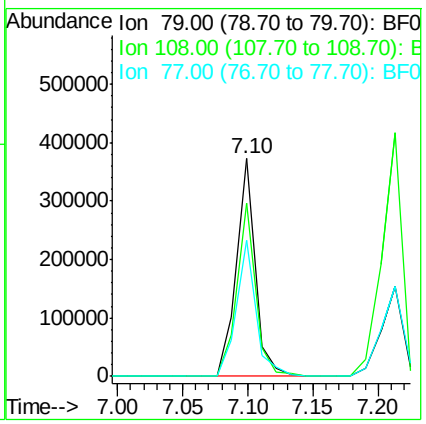




#15
Benzyl Alcohol
Concen: 42.03 ng
RT: 7.10 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

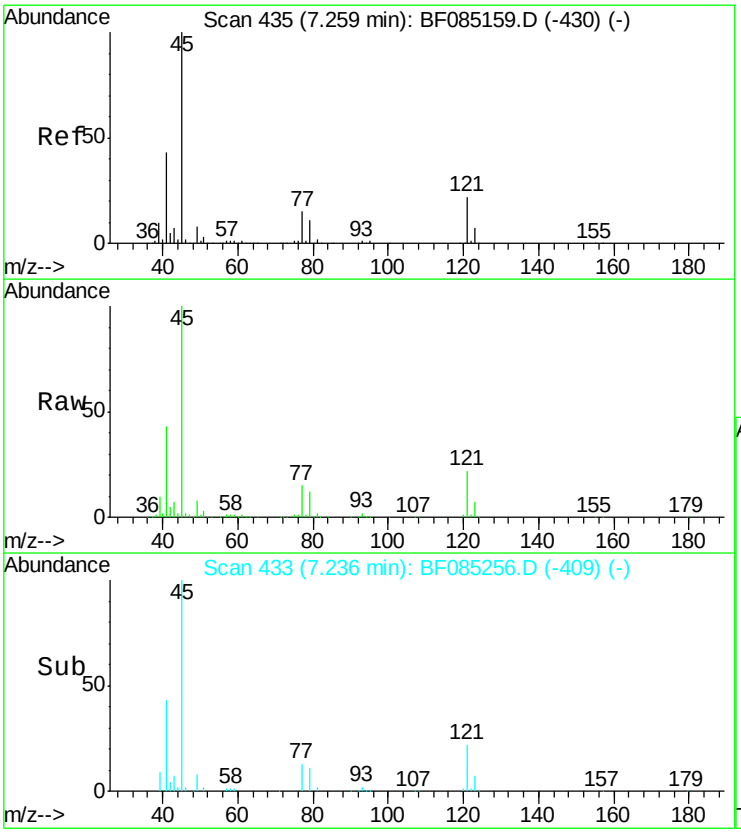
Tgt Ion: 79 Resp: 374480

Ion	Ratio	Lower	Upper
79	100		
108	79.4	62.9	94.3
77	62.5	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
PB88757BS

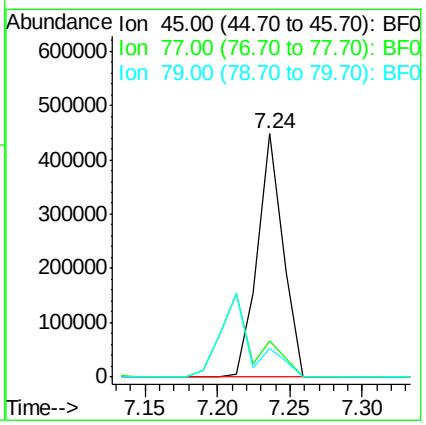
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

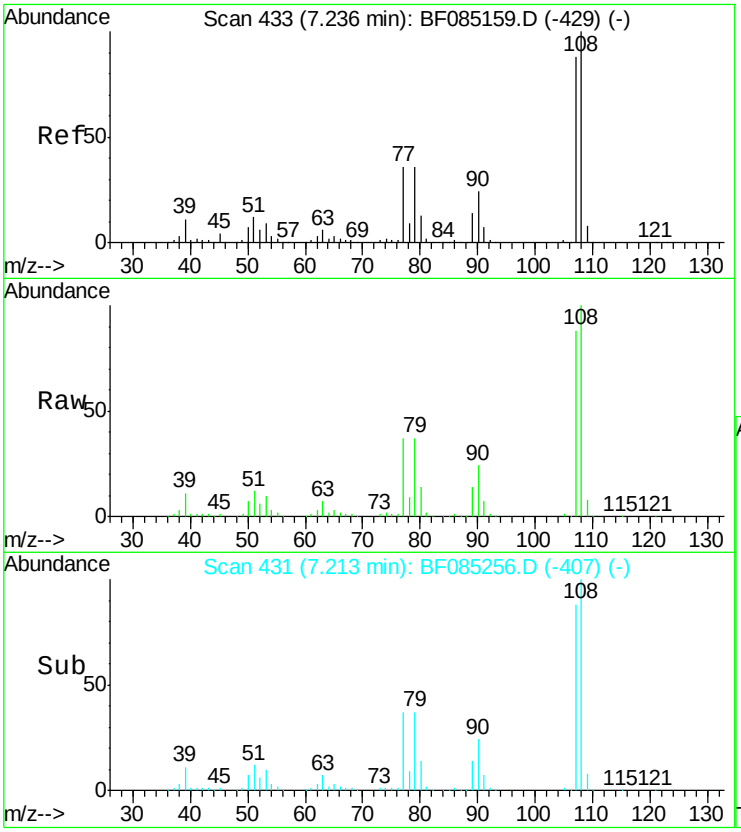


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.23 ng
RT: 7.24 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 45 Resp: 548297

Ion	Ratio	Lower	Upper
45	100		
77	15.0	0.0	35.1
79	11.6	0.0	31.3

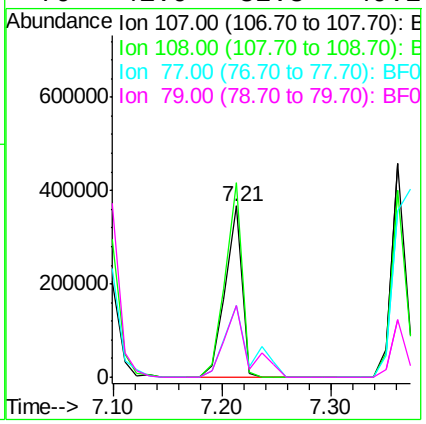




#17
2-Methylphenol
Concen: 43.04 ng
RT: 7.21 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

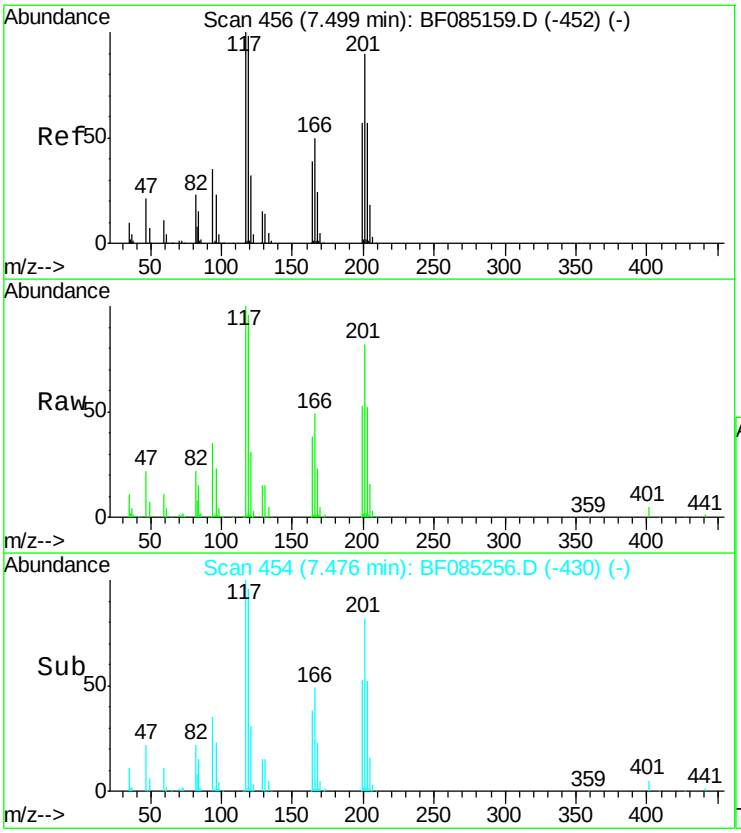
Tgt Ion:107 Resp: 391659

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	41.9	32.6	48.8
79	41.9	32.8	49.2



Instrument :
BNA_F
ClientSampleId :
PB88757BS

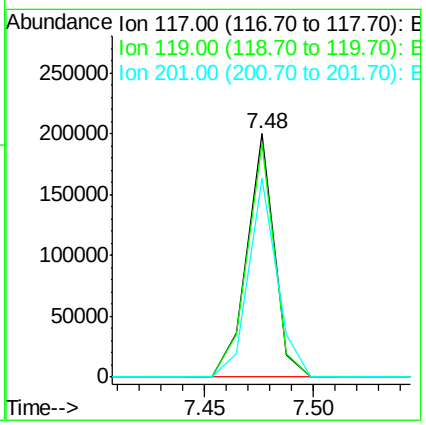
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

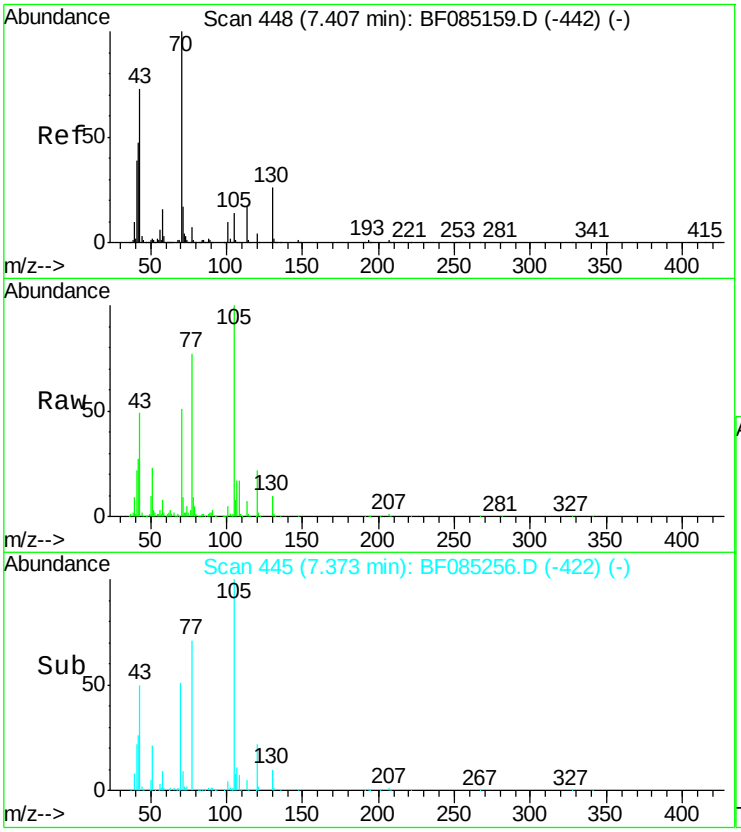


#18
Hexachloroethane
Concen: 39.56 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:117 Resp: 175108

Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.2	117.4
201	81.7	72.0	108.0

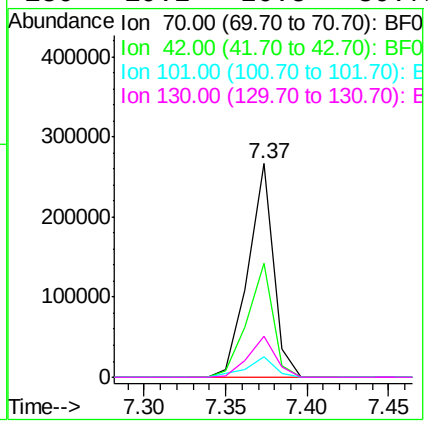




#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

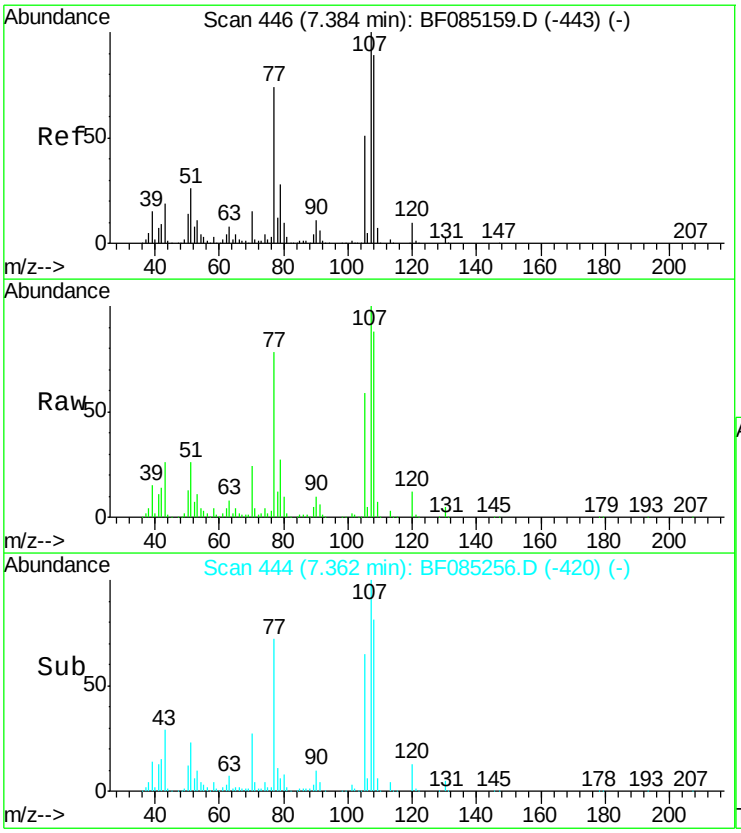
Tgt Ion: 70 Resp: 288857

Ion	Ratio	Lower	Upper
70	100		
42	53.3	37.7	56.5
101	9.4	8.2	12.4
130	19.2	20.5	30.7#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

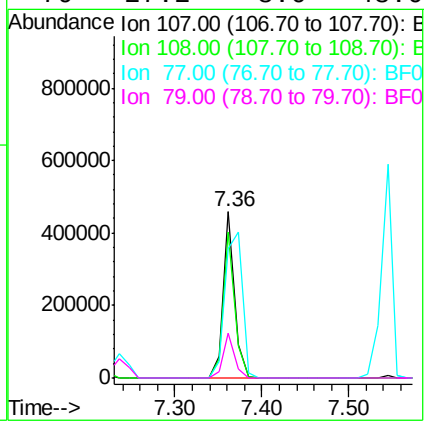
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

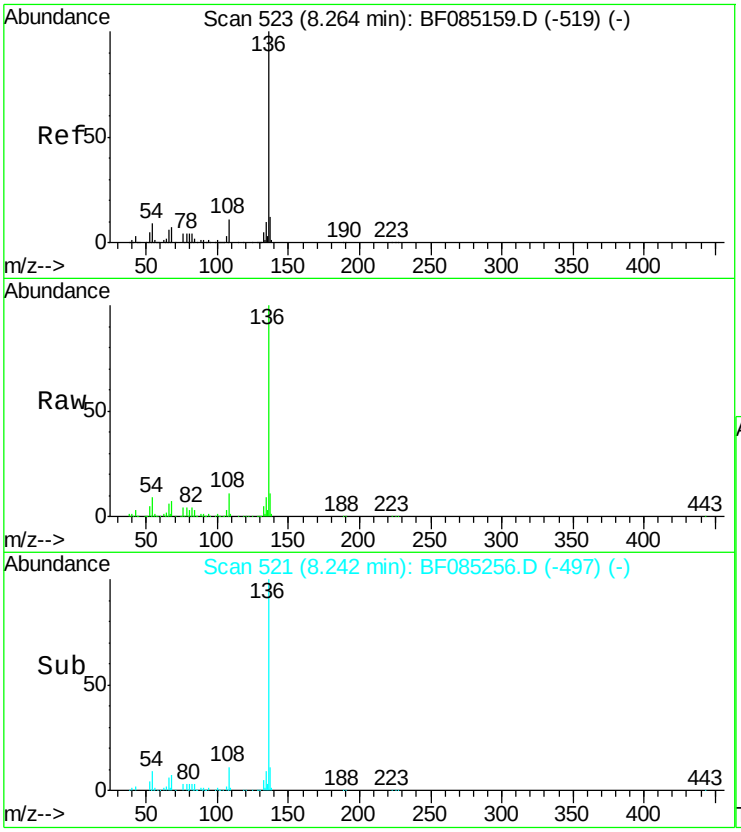


#20
3+4-Methylphenols
Concen: 39.34 ng
RT: 7.36 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:107 Resp: 424076

Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.8	108.8
77	77.7	53.6	93.6
79	27.2	8.0	48.0

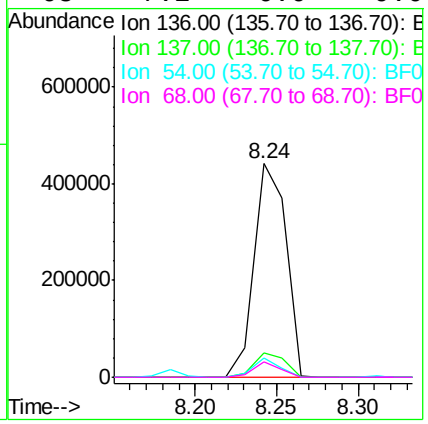




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

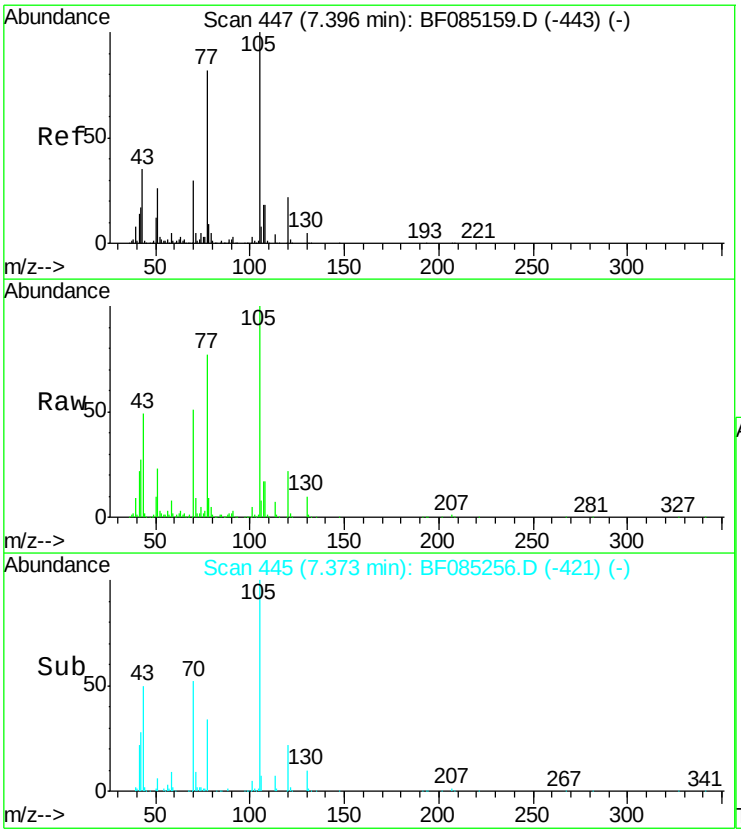
Tgt Ion:136 Resp: 601846

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	9.0	7.4	11.2
68	7.2	6.0	9.0



Instrument :
BNA_F
ClientSampleId :
PB88757BS

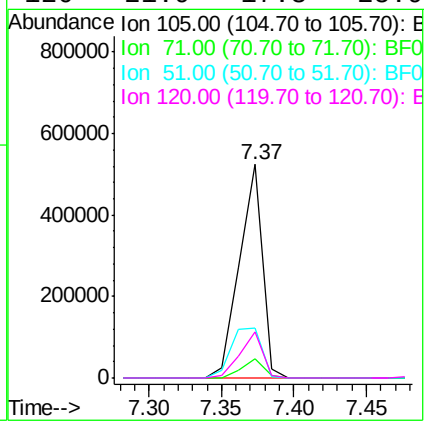
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

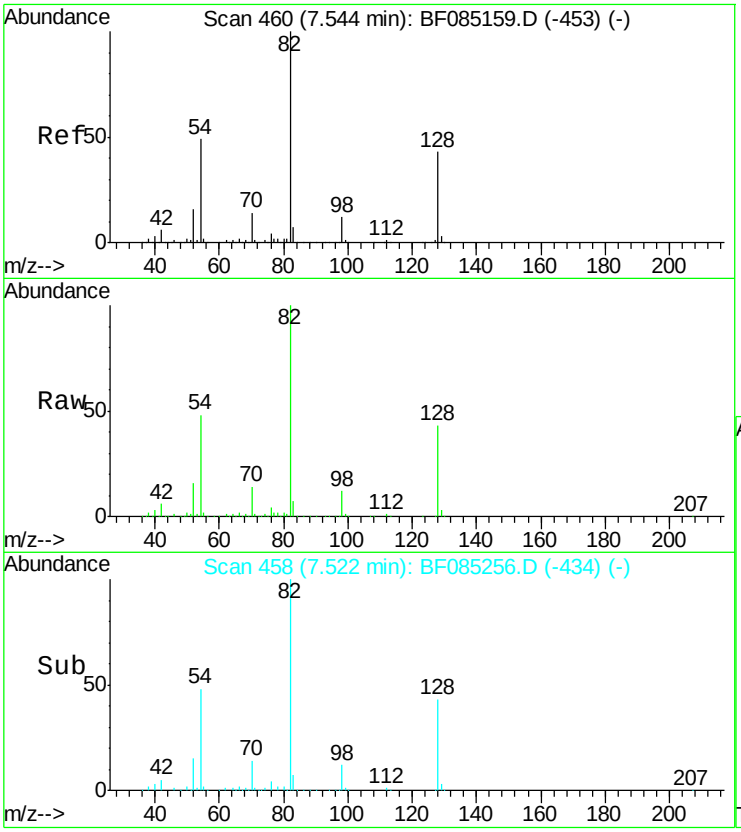


#22
Acetophenone
Concen: 39.52 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:105 Resp: 580517

Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.1	6.1#
51	23.2	21.1	31.7
120	21.9	17.3	25.9

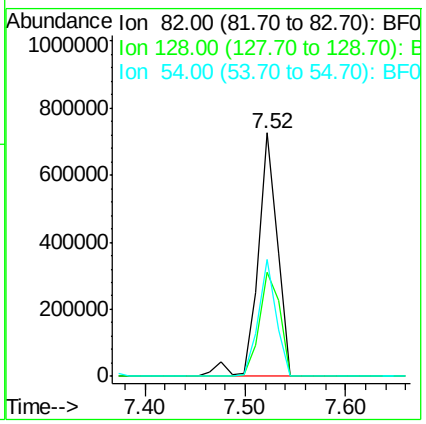




#23
Nitrobenzene-d5
Concen: 86.27 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

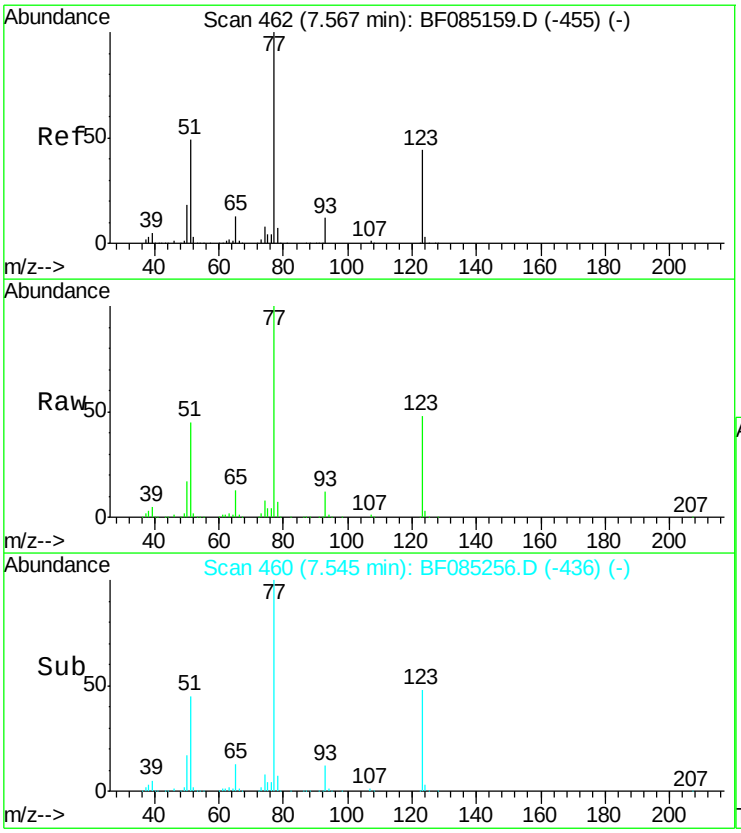
Tgt Ion: 82 Resp: 970235

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.5	51.7
54	48.0	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
PB88757BS

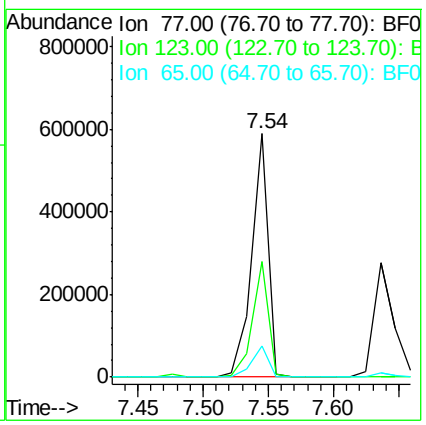
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

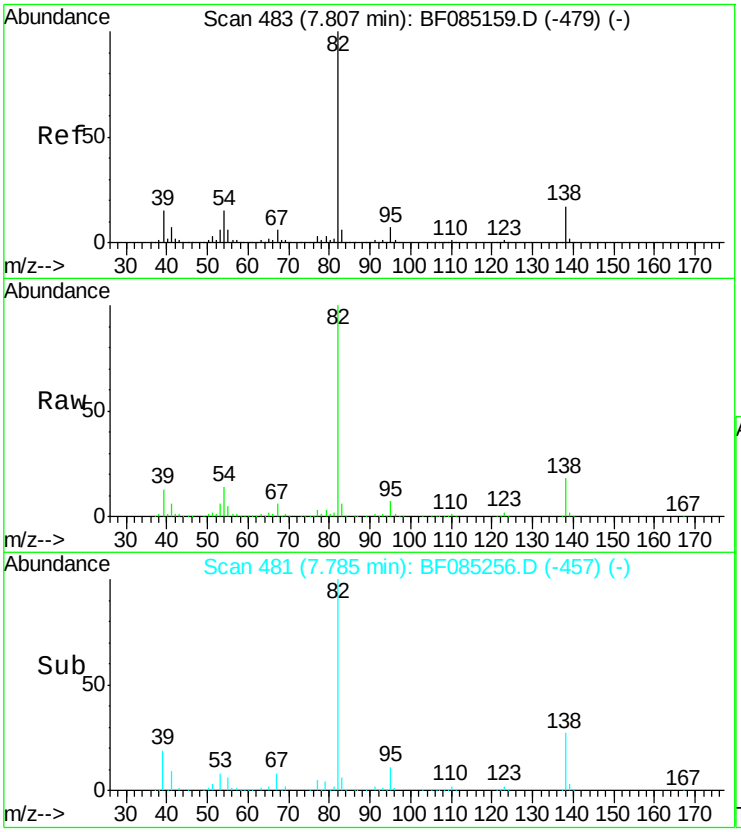


#24
Nitrobenzene
Concen: 45.46 ng
RT: 7.54 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 77 Resp: 519428

Ion	Ratio	Lower	Upper
77	100		
123	47.6	35.4	53.2
65	12.8	10.6	16.0

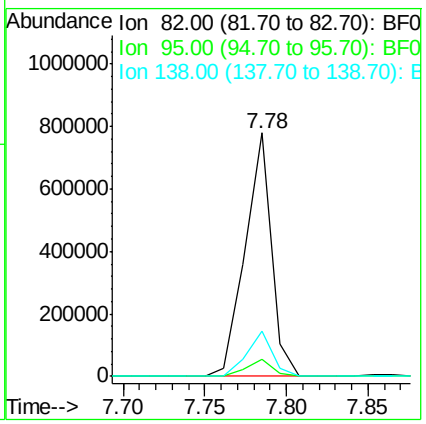




#25
Isophorone
Concen: 41.85 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

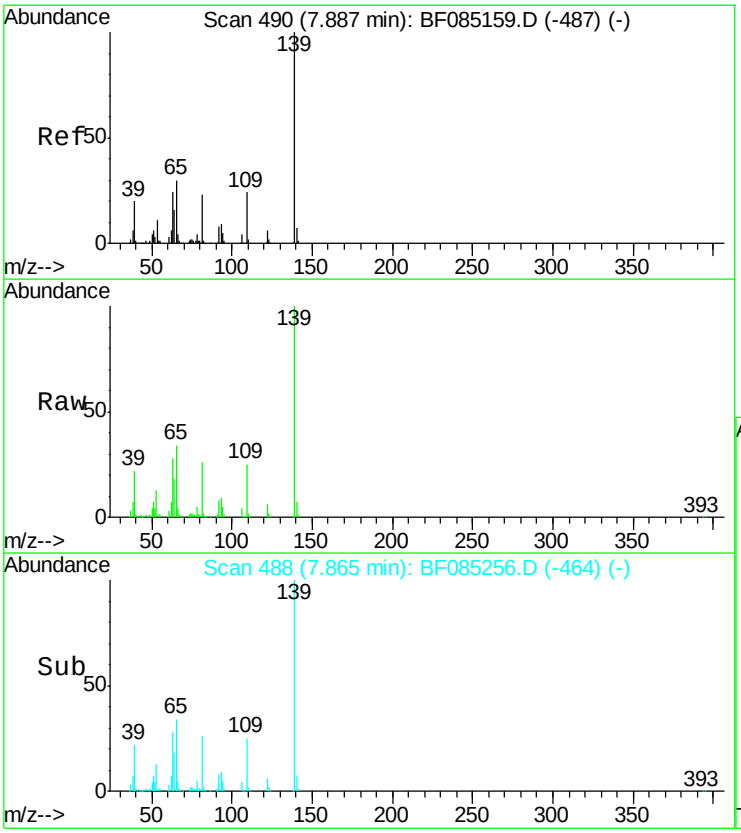
Tgt Ion: 82 Resp: 872233

Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.4	8.2
138	18.3	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
PB88757BS

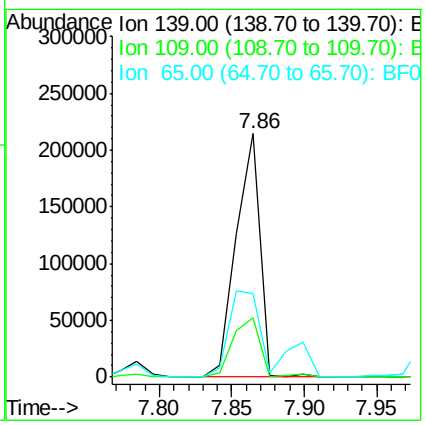
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

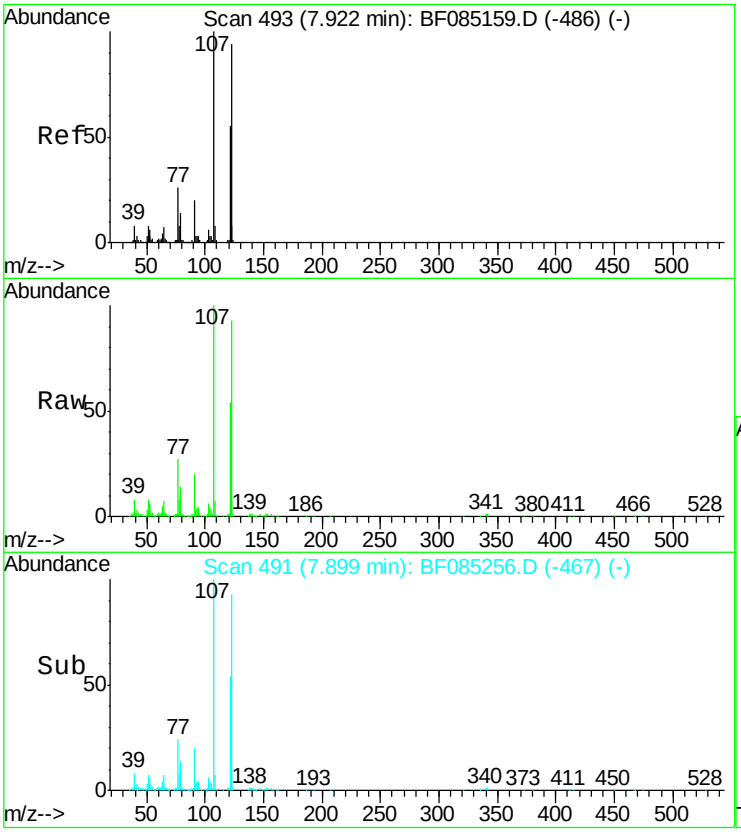


#26
2-Nitrophenol
Concen: 43.84 ng
RT: 7.86 min Scan# 488
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:139 Resp: 243746

Ion	Ratio	Lower	Upper
139	100		
109	24.5	19.1	28.7
65	34.1	23.9	35.9

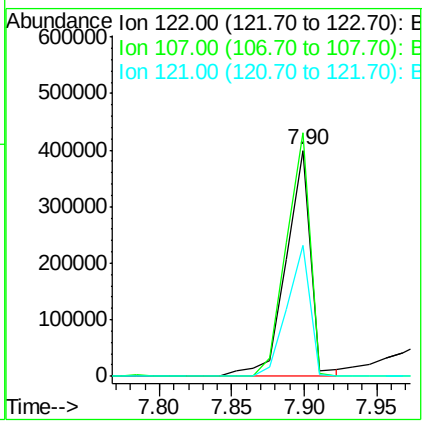




#27
2,4-Dimethylphenol
Concen: 45.76 ng
RT: 7.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

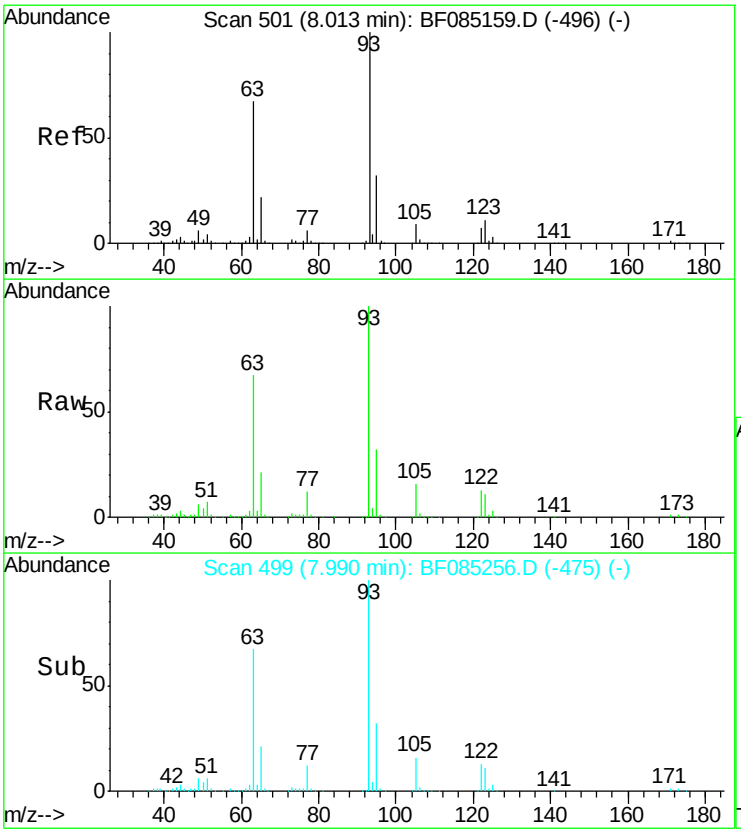
Tgt Ion:122 Resp: 464934

Ion	Ratio	Lower	Upper
122	100		
107	107.6	84.8	127.2
121	57.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
PB88757BS

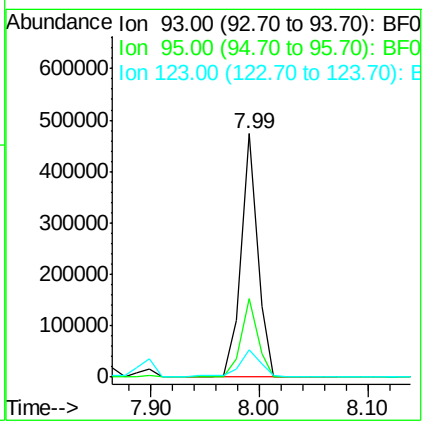
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

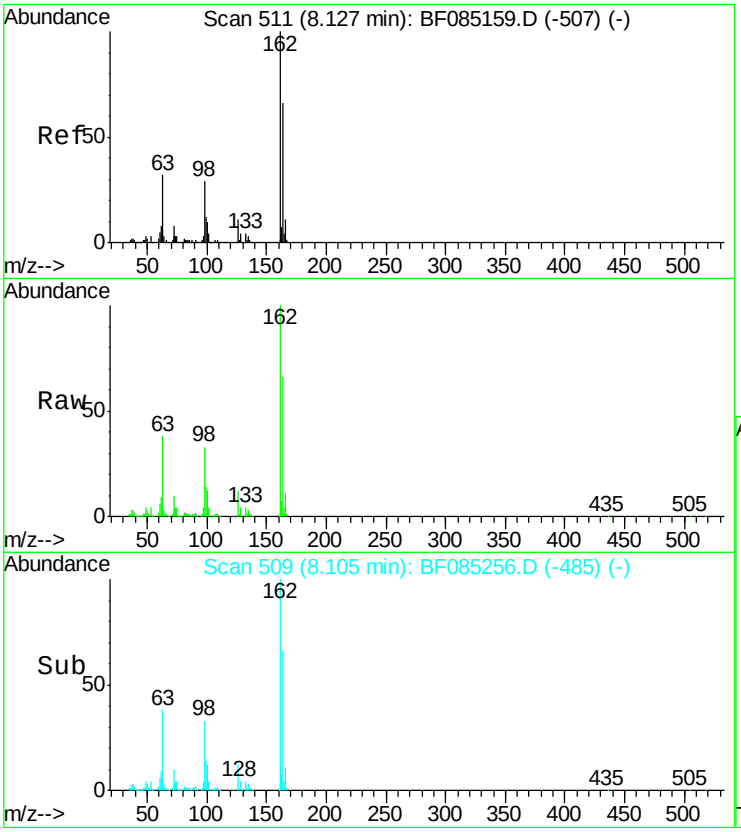


#28
bis(2-Chloroethoxy)methane
Concen: 42.99 ng
RT: 7.99 min Scan# 499
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 93 Resp: 499014

Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.9	38.9
123	11.2	8.8	13.2

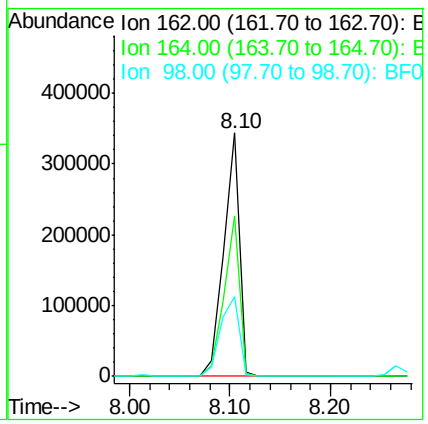




#29
2,4-Dichlorophenol
Concen: 45.69 ng
RT: 8.10 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

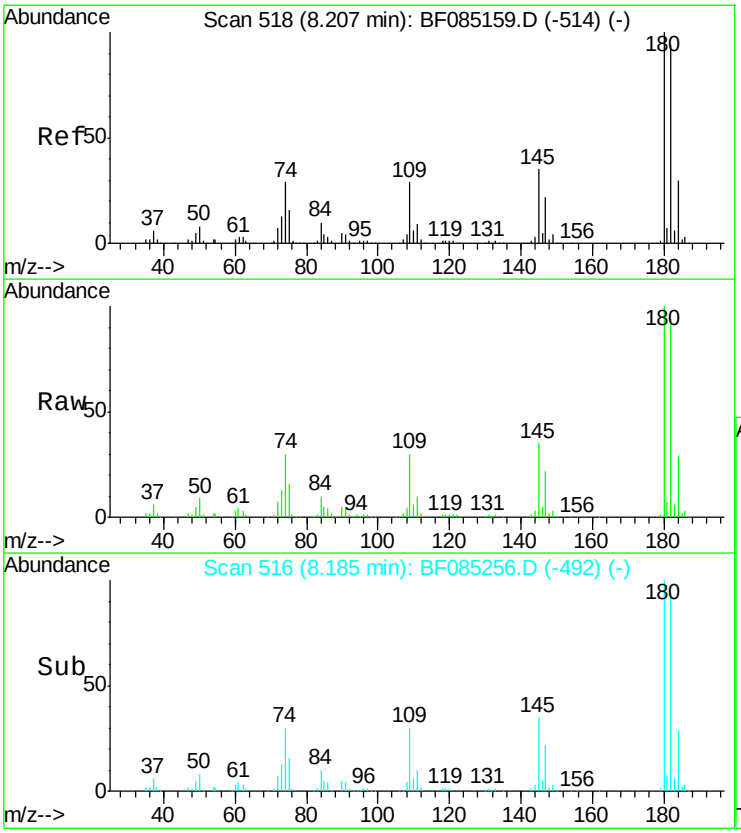
Tgt Ion:162 Resp: 374455

Ion	Ratio	Lower	Upper
162	100		
164	66.0	45.7	85.7
98	32.7	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
PB88757BS

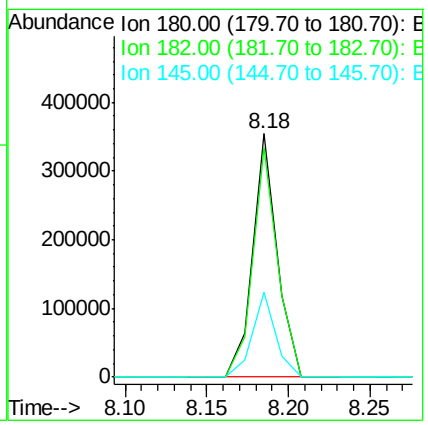
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

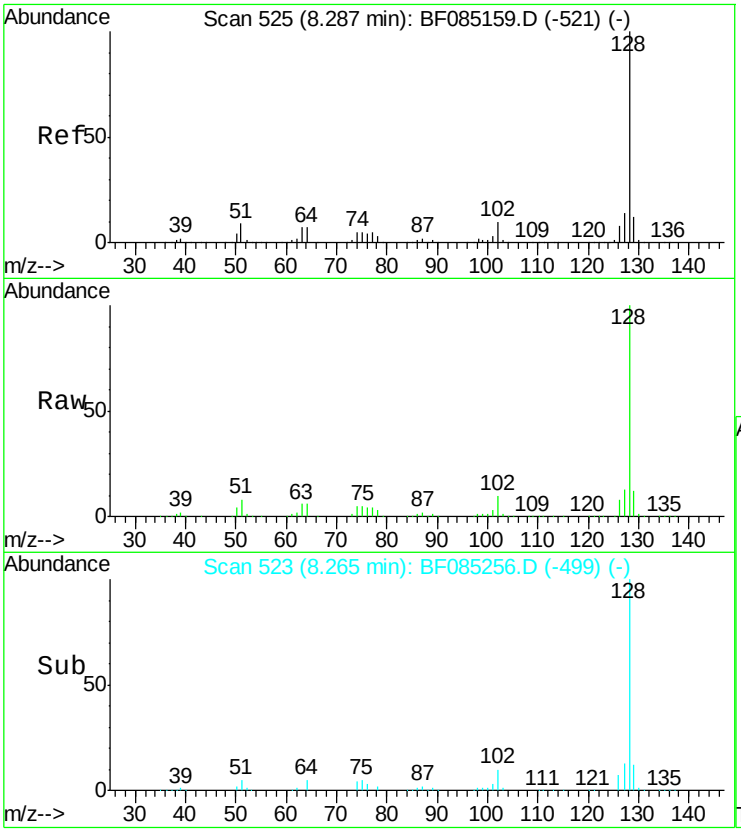


#30
1,2,4-Trichlorobenzene
Concen: 41.64 ng
RT: 8.18 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:180 Resp: 368890

Ion	Ratio	Lower	Upper
180	100		
182	94.0	74.9	112.3
145	34.7	27.9	41.9

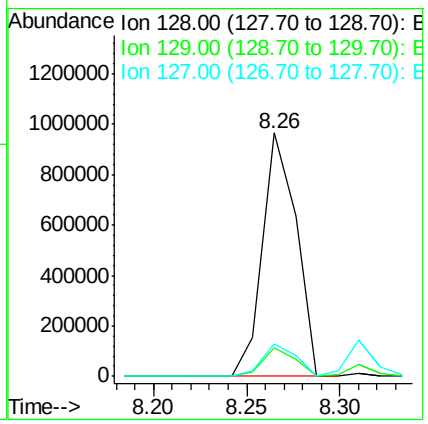




#31
Naphthalene
Concen: 40.79 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

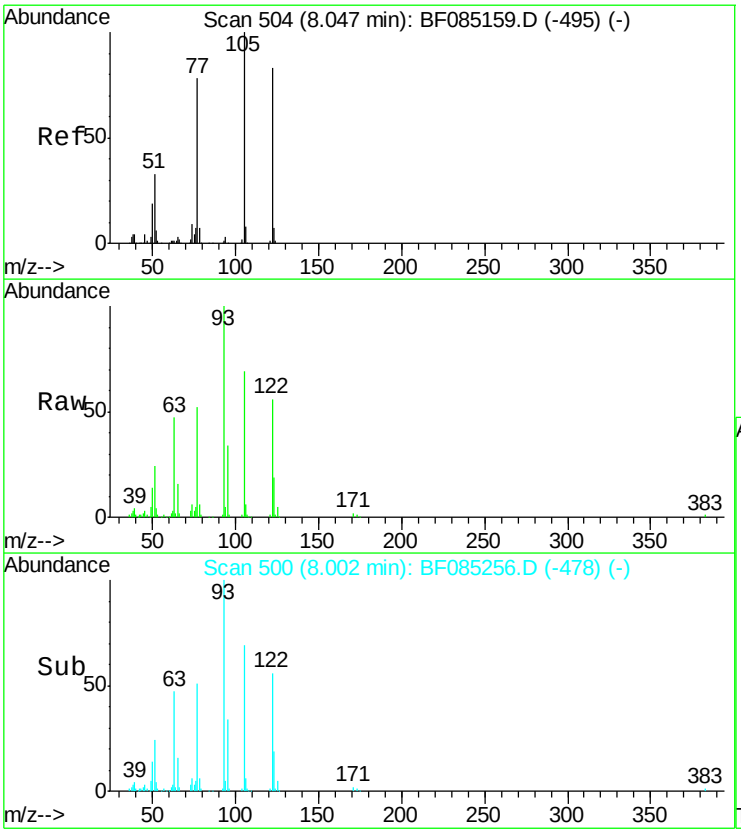
Tgt Ion:128 Resp: 1207214

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.7	14.5
127	13.4	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB88757BS

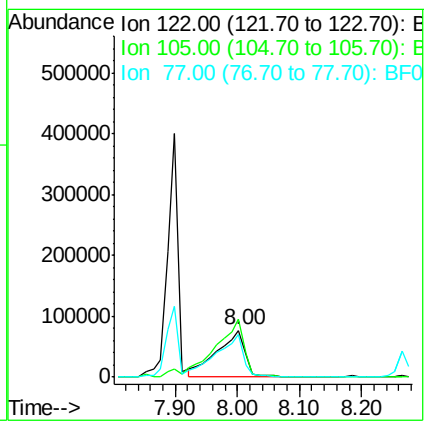
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

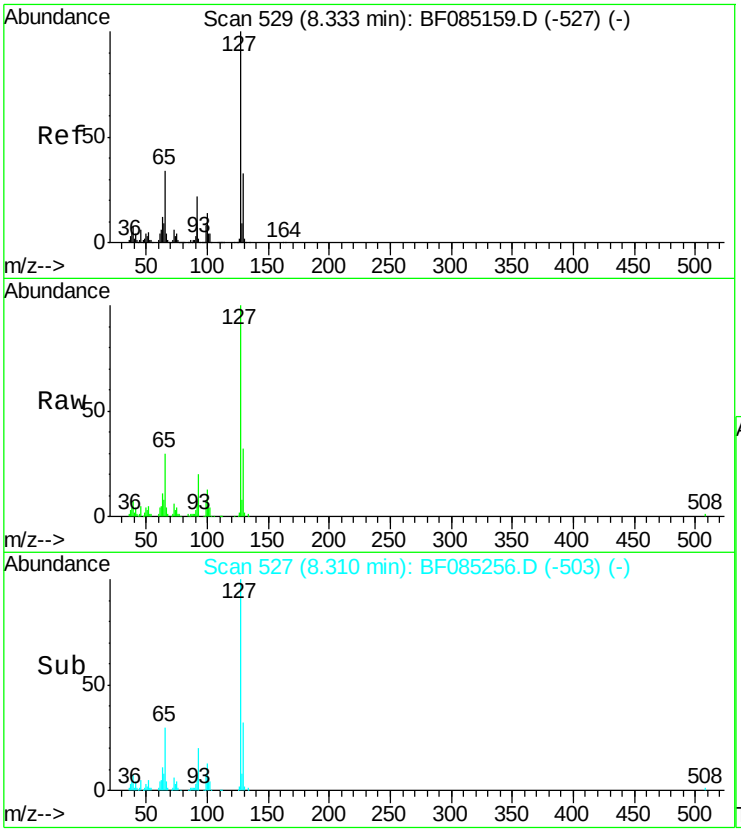


#32
Benzoic acid
Concen: 36.24 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:122 Resp: 244599

Ion	Ratio	Lower	Upper
122	100		
105	122.7	101.3	141.3
77	92.3	74.7	114.7

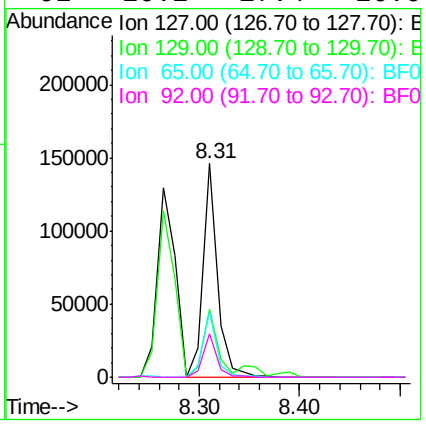




#33
4-Chloroaniline
Concen: 12.25 ng
RT: 8.31 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

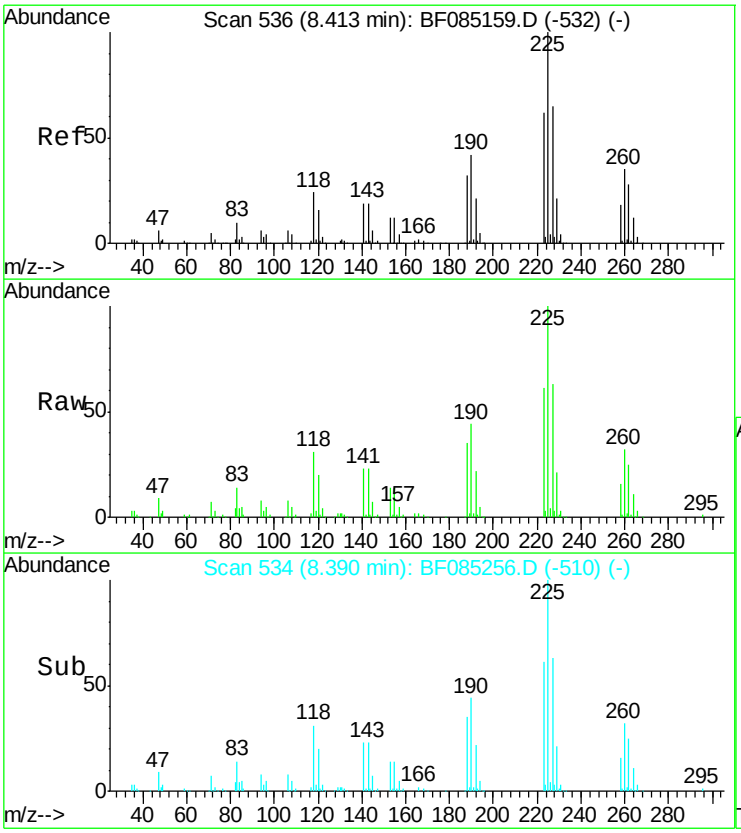
Tgt Ion:127 Resp: 146654

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	30.5	27.0	40.6
92	20.2	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
PB88757BS

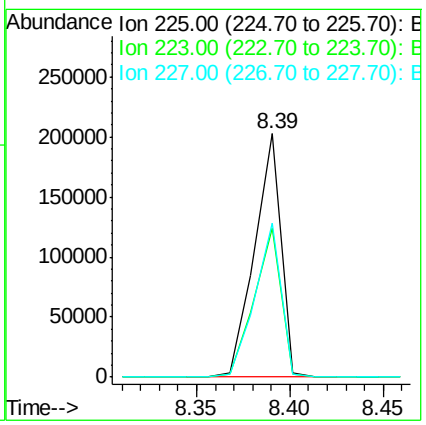
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

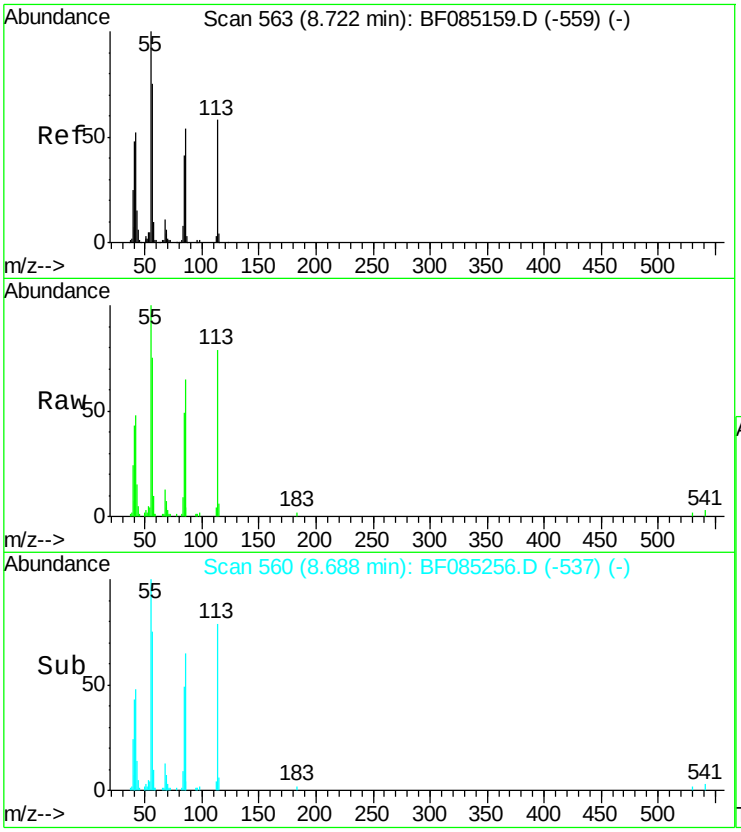


#34
Hexachlorobutadiene
Concen: 43.73 ng
RT: 8.39 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:225 Resp: 201592

Ion	Ratio	Lower	Upper
225	100		
223	61.2	49.7	74.5
227	63.1	52.2	78.4

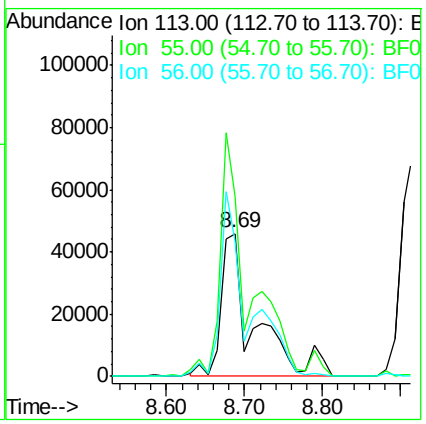




#35
Caprolactam
Concen: 49.96 ng m
RT: 8.69 min Scan# 560
Delta R.T. -0.03 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

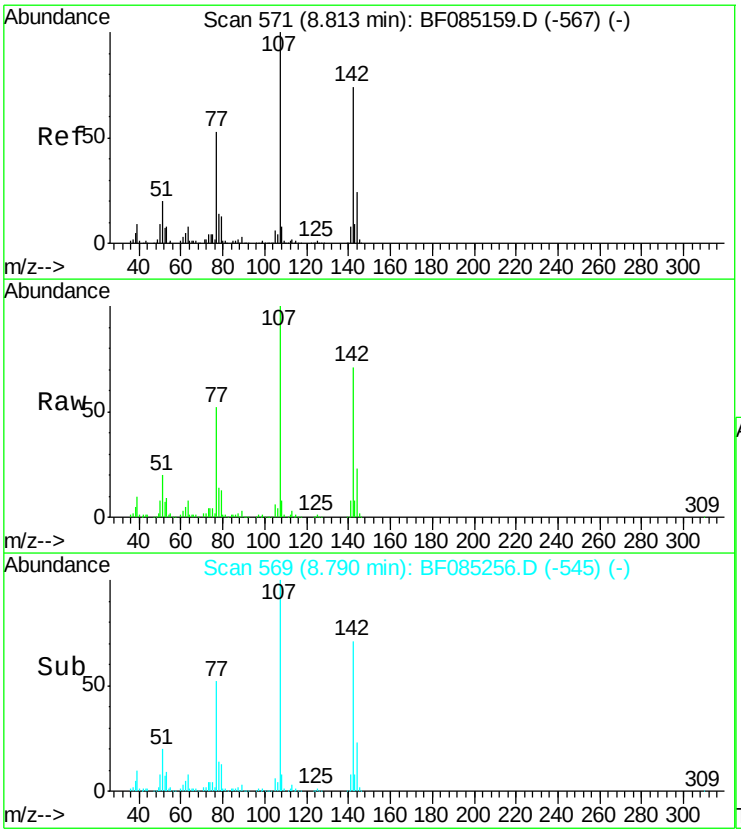
Tgt Ion:113 Resp: 133710

Ion	Ratio	Lower	Upper
113	100		
55	126.0	152.7	192.7#
56	94.2	109.0	149.0#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

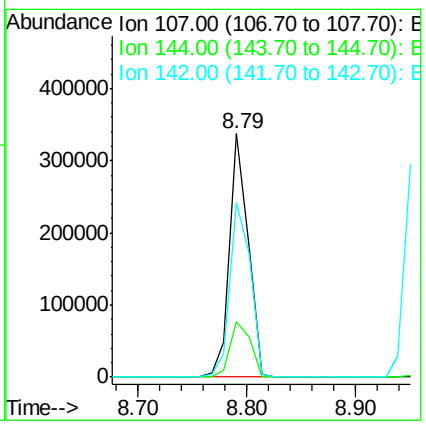
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

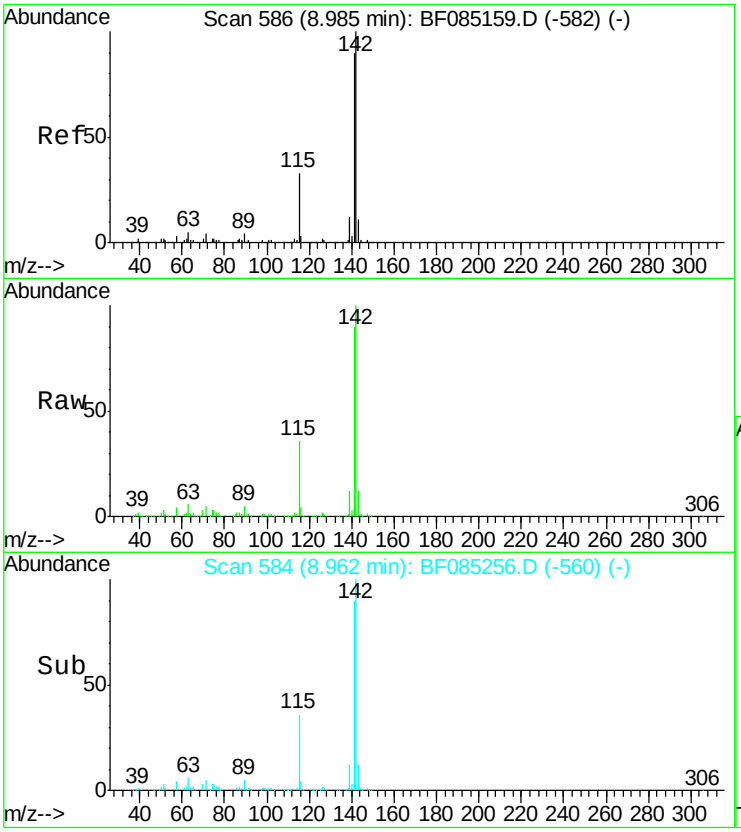


#36
4-Chloro-3-methylphenol
Concen: 42.53 ng
RT: 8.79 min Scan# 569
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:107 Resp: 395418

Ion	Ratio	Lower	Upper
107	100		
144	22.9	19.4	29.2
142	71.5	59.4	89.2

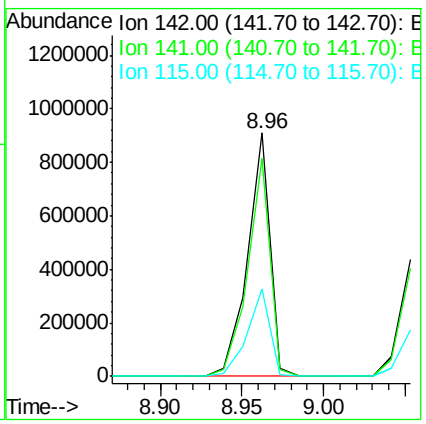




#37
2-Methylnaphthalene
Concen: 45.79 ng
RT: 8.96 min Scan# 584
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

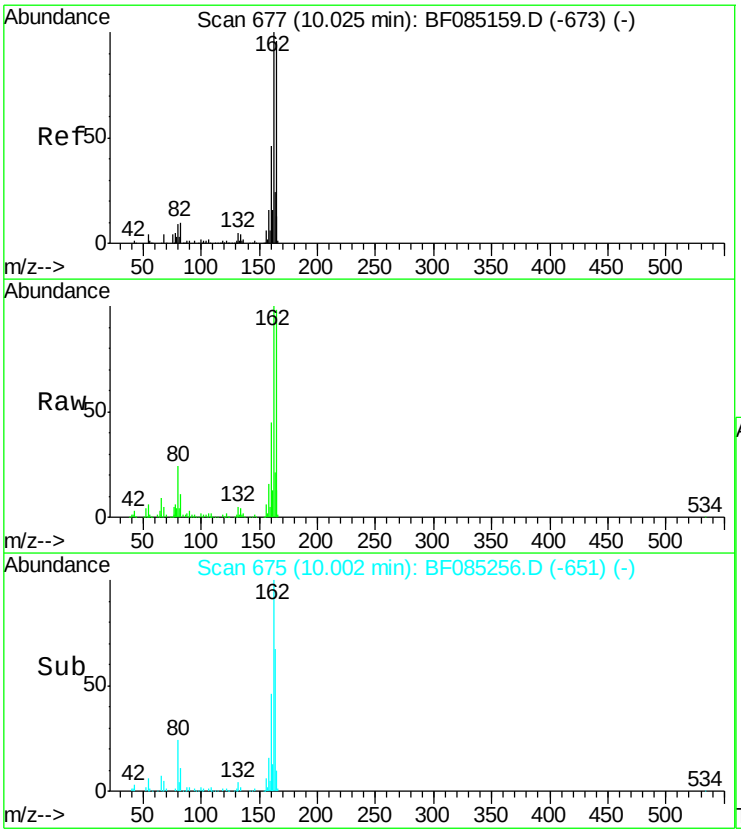
Tgt Ion:142 Resp: 869545

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.7	107.5
115	35.7	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB88757BS

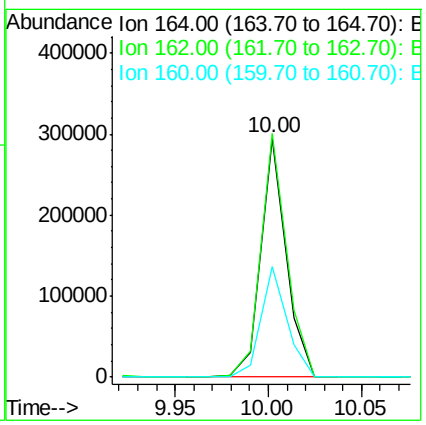
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

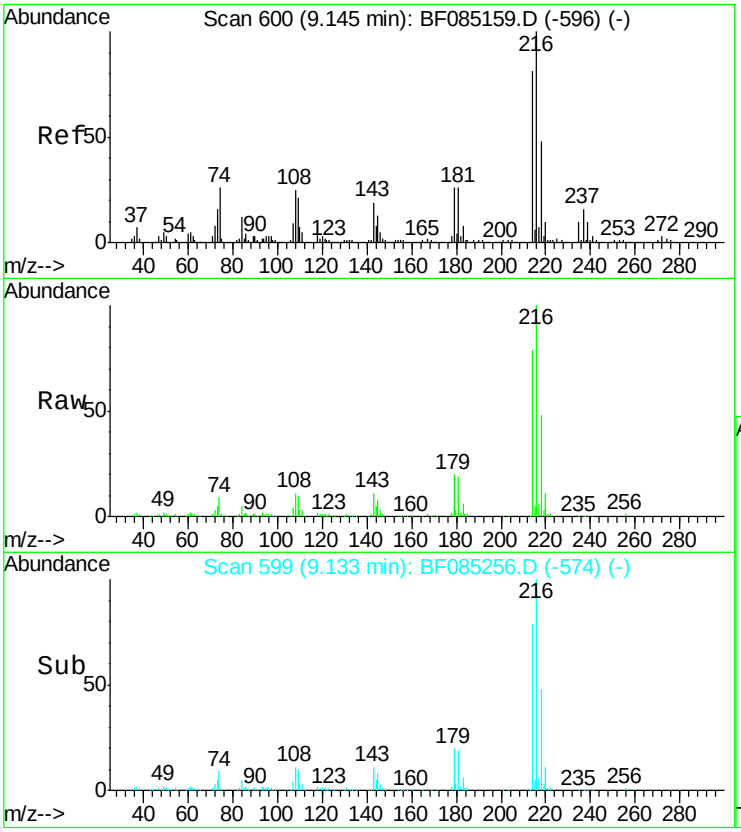


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:164 Resp: 275752

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.3	124.9
160	46.0	37.9	56.9

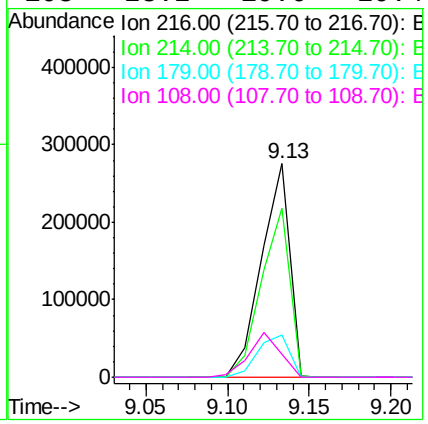




#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.27 ng
RT: 9.13 min Scan# 599
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

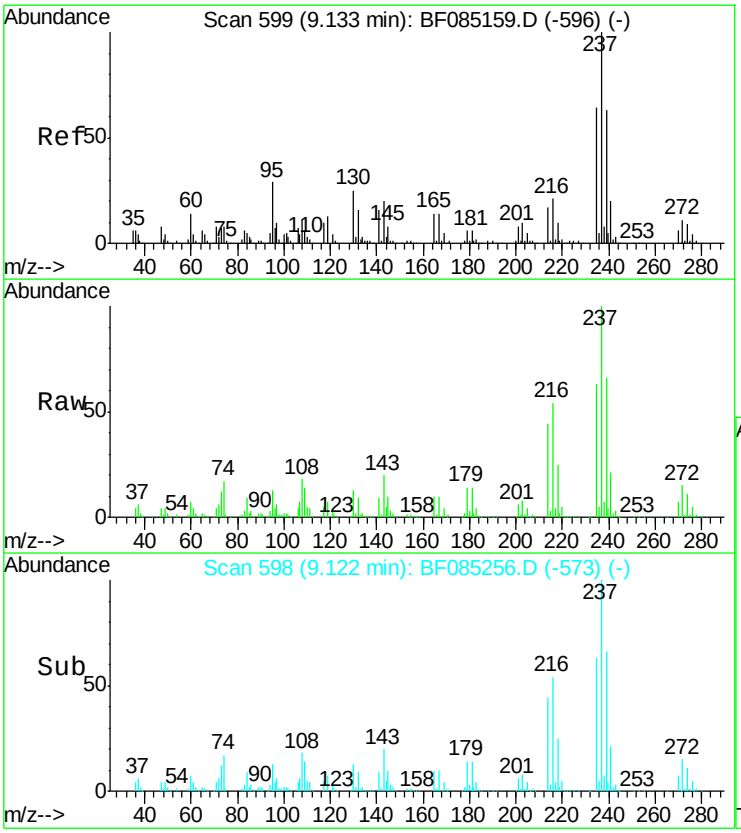
Tgt Ion:216 Resp: 333336

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.8	95.6
179	22.2	19.6	29.4
108	23.2	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
PB88757BS

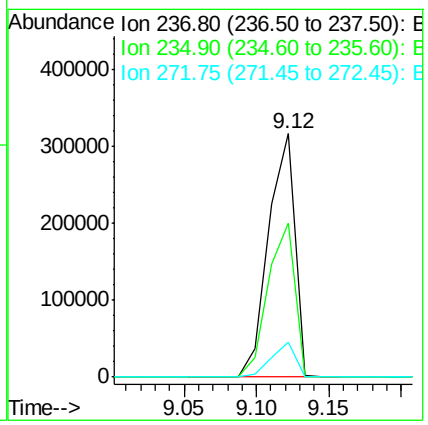
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

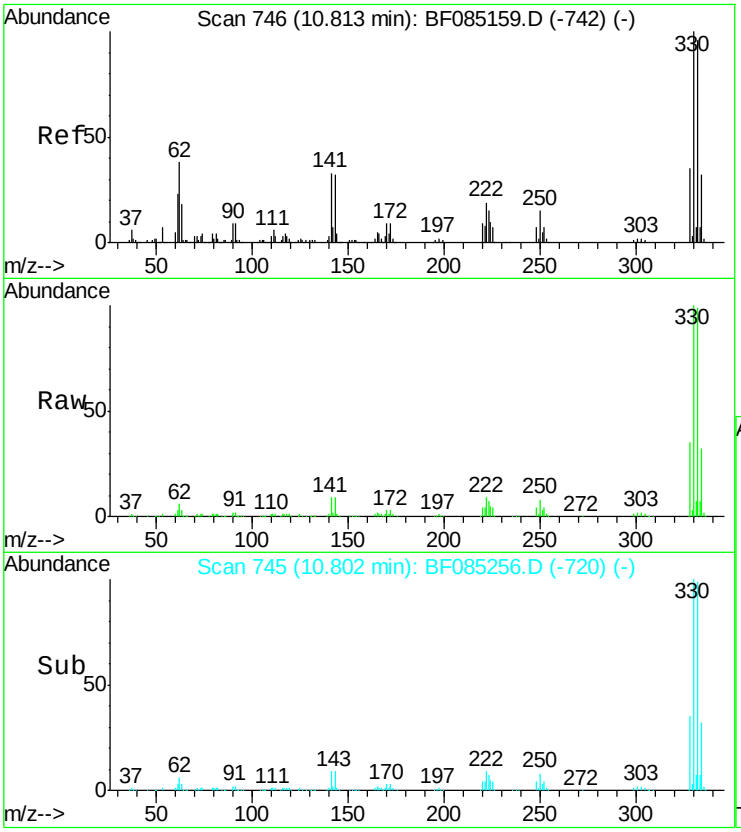


#40
Hexachlorocyclopentadiene
Concen: 93.80 ng
RT: 9.12 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:237 Resp: 398953

Ion	Ratio	Lower	Upper
237	100		
235	63.1	43.7	83.7
272	14.5	0.0	31.5

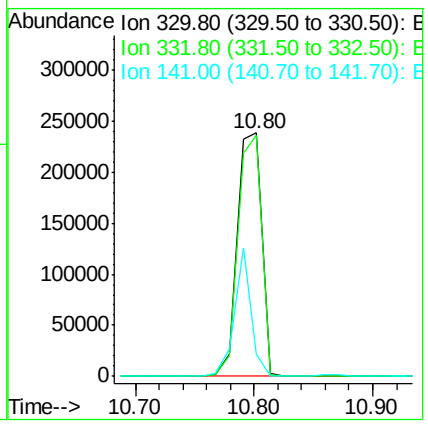




#41
2,4,6-Tribromophenol
Concen: 144.60 ng
RT: 10.80 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

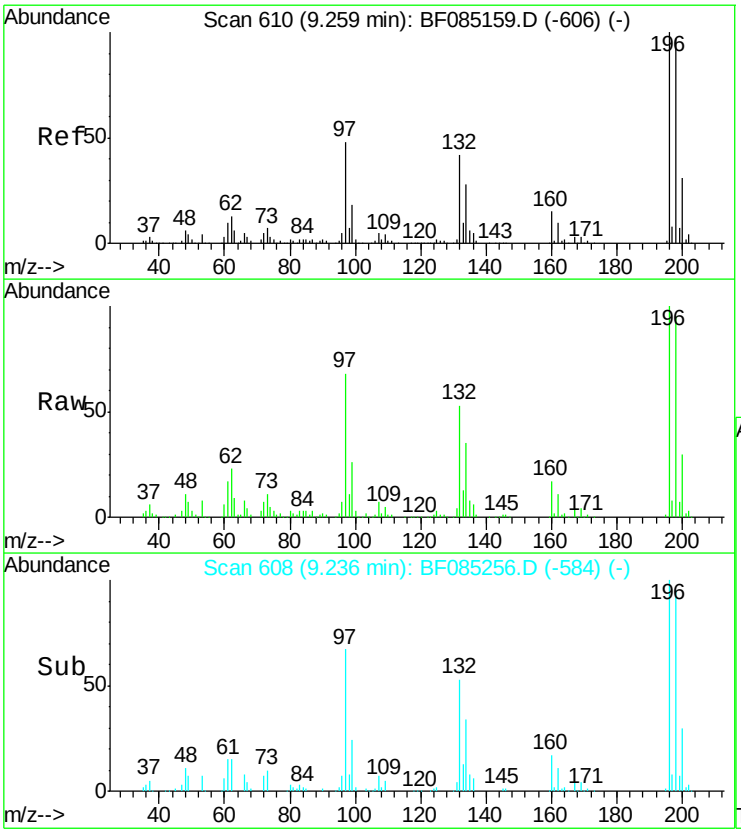
Tgt Ion:330 Resp: 341193

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	35.8	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
PB88757BS

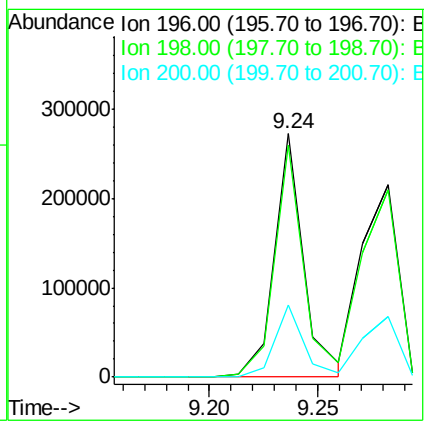
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

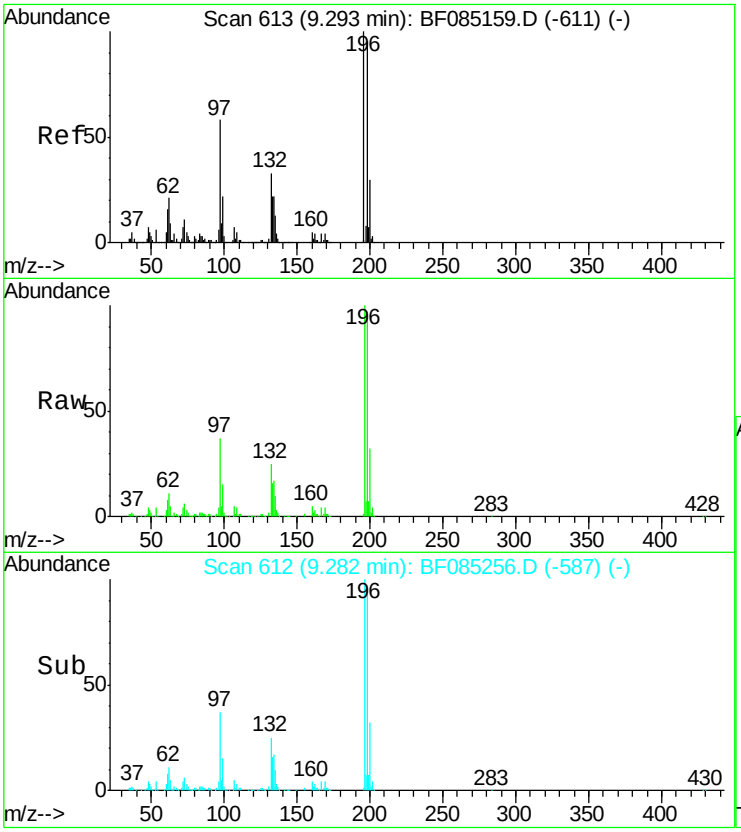


#42
2,4,6-Trichlorophenol
Concen: 43.74 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:196 Resp: 256790

Ion	Ratio	Lower	Upper
196	100		
198	95.2	77.8	116.6
200	29.9	25.0	37.6

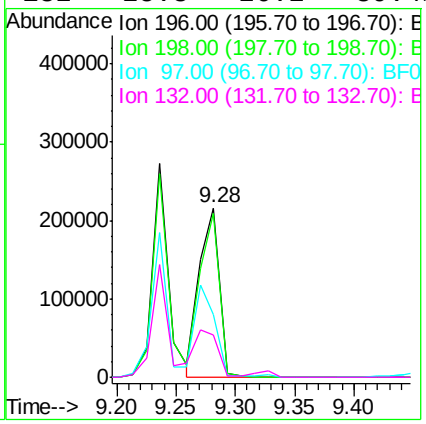




#43
2,4,5-Trichlorophenol
Concen: 46.15 ng
RT: 9.28 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

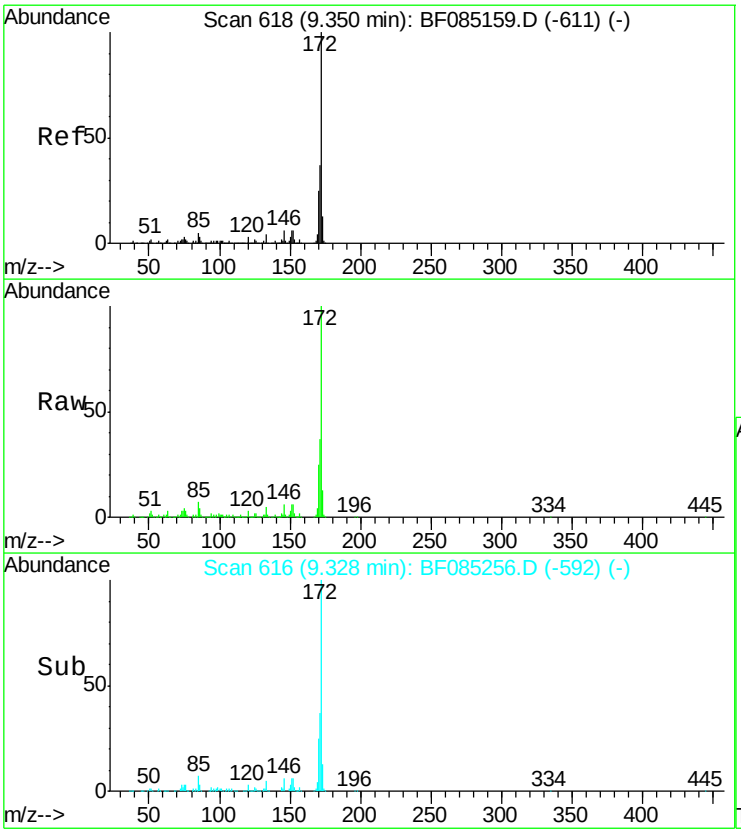
Tgt Ion:196 Resp: 256849

Ion	Ratio	Lower	Upper
196	100		
198	97.1	75.7	113.5
97	37.2	46.4	69.6#
132	25.3	26.2	39.4#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

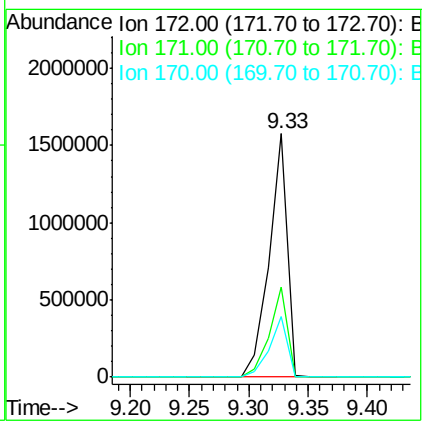
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

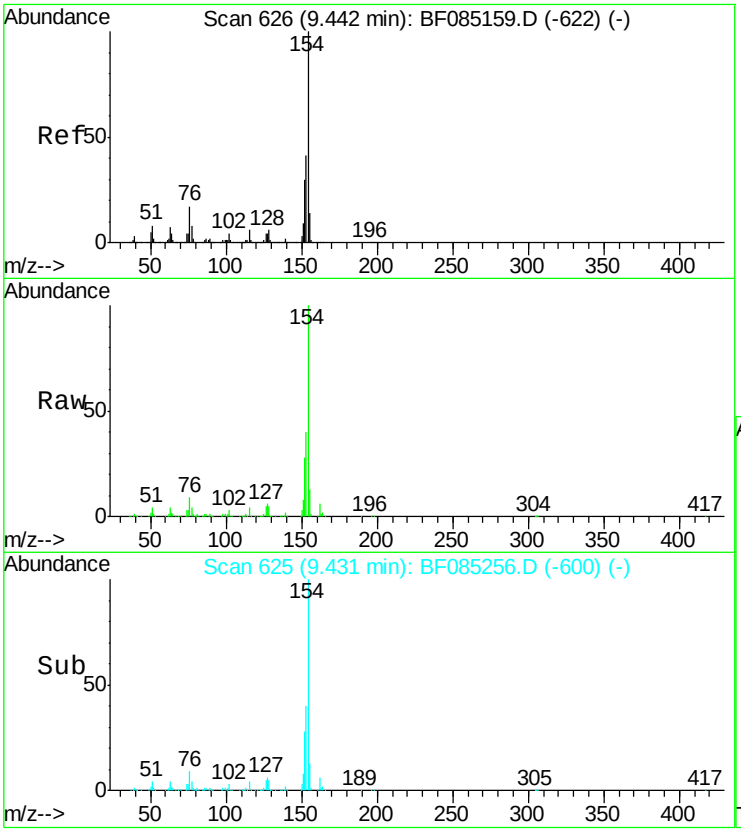


#44
2-Fluorobiphenyl
Concen: 92.55 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:172 Resp: 1678180

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

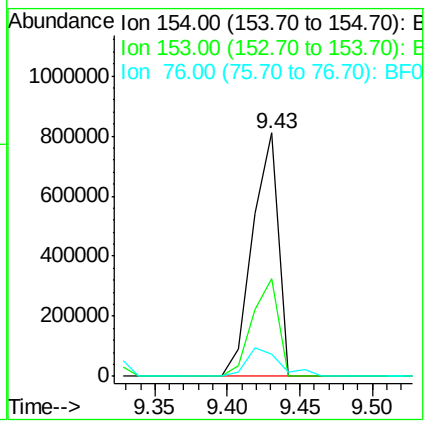




#45
1,1'-Biphenyl
Concen: 42.14 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

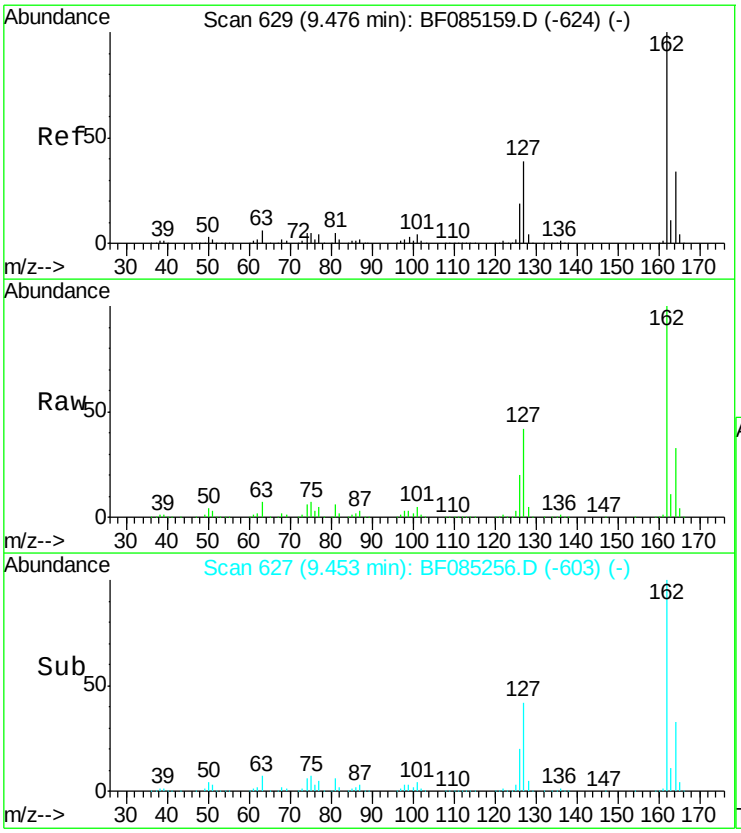
Tgt Ion:154 Resp: 992689

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.4	61.4
76	9.2	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB88757BS

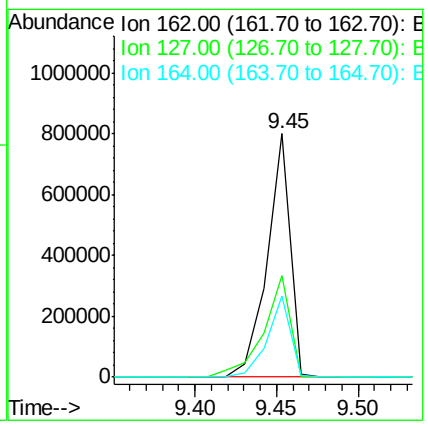
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

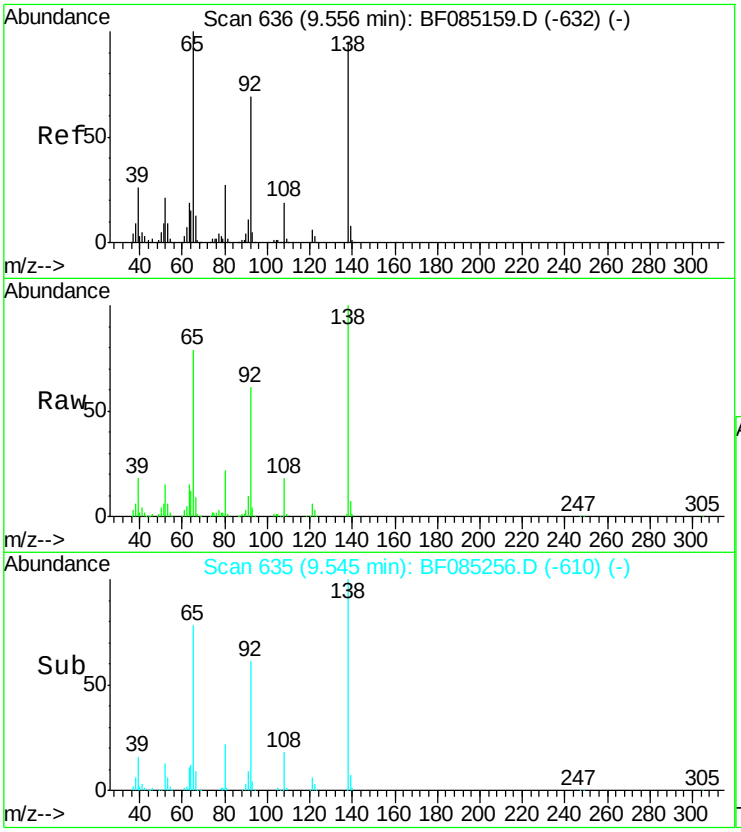


#46
2-Chloronaphthalene
Concen: 43.94 ng
RT: 9.45 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:162 Resp: 788998

Ion	Ratio	Lower	Upper
162	100		
127	42.0	31.6	47.4
164	33.1	27.1	40.7

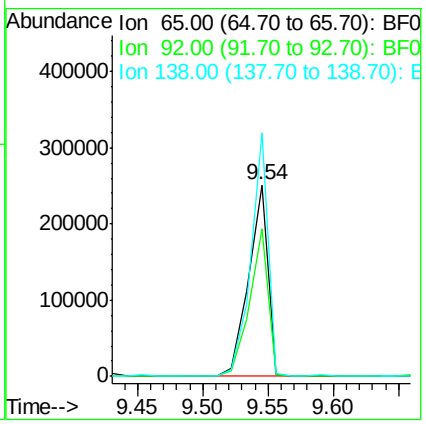




#47
2-Nitroaniline
Concen: 46.58 ng
RT: 9.54 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

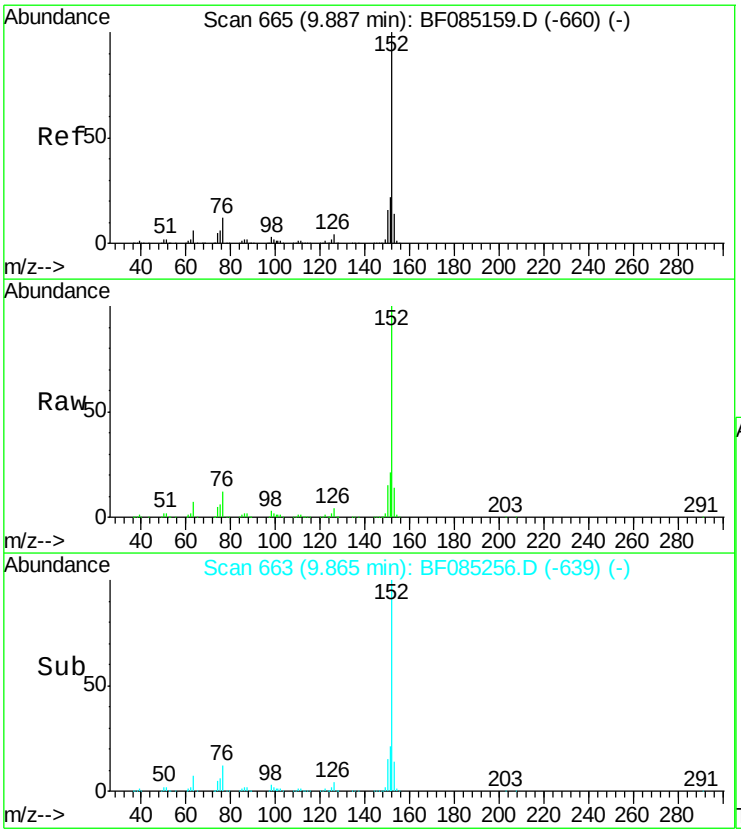
Tgt Ion: 65 Resp: 259178

Ion	Ratio	Lower	Upper
65	100		
92	77.2	55.4	83.2
138	127.0	75.7	113.5#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

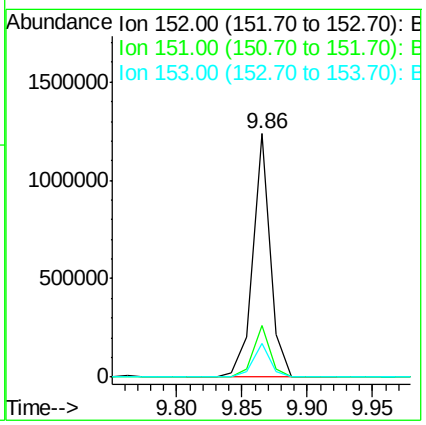
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

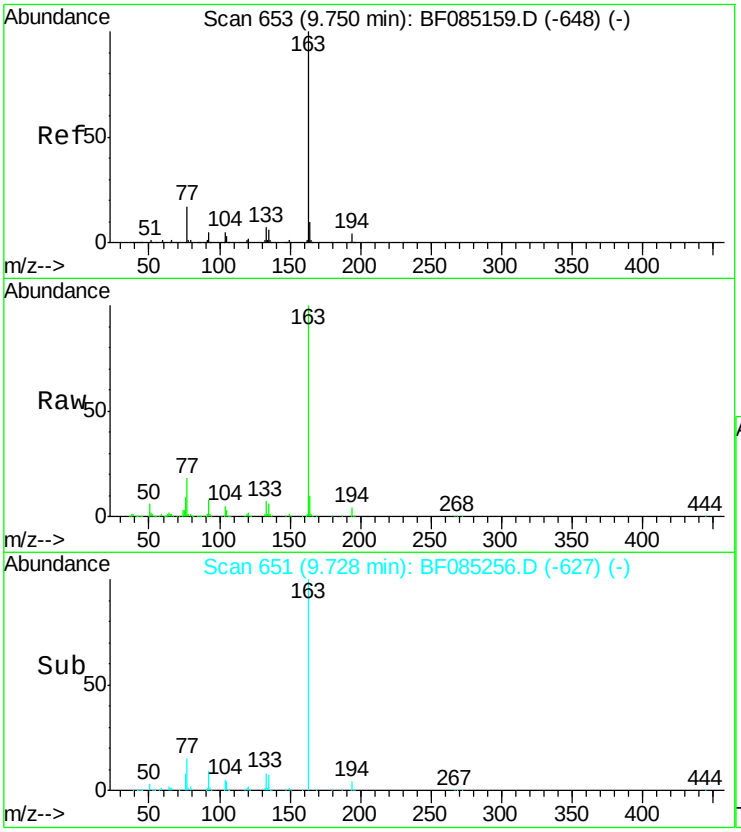


#48
Acenaphthylene
Concen: 41.34 ng
RT: 9.86 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:152 Resp: 1155461

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.5	26.3
153	13.8	11.3	16.9

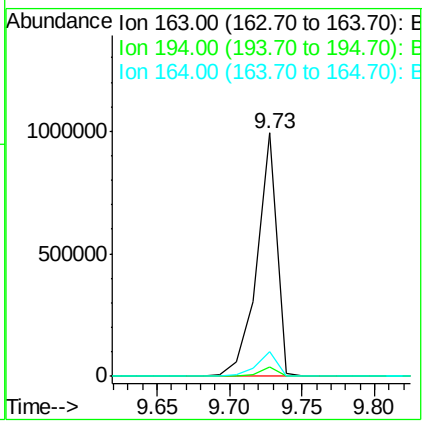




#49
Dimethylphthalate
Concen: 44.55 ng
RT: 9.73 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

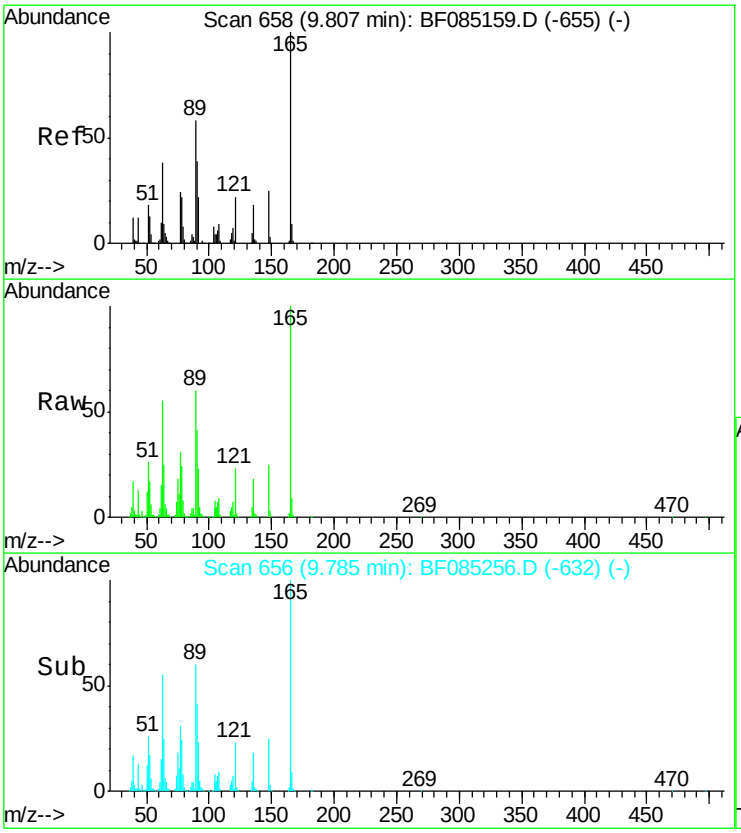
Tgt Ion:163 Resp: 942864

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.0	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB88757BS

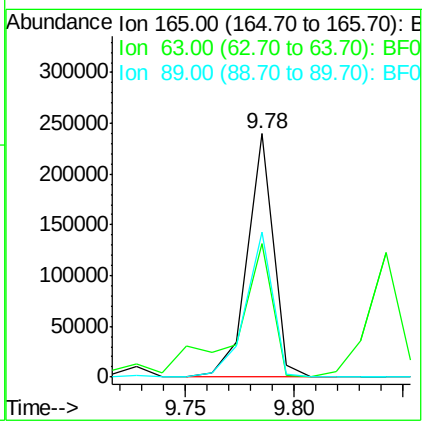
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

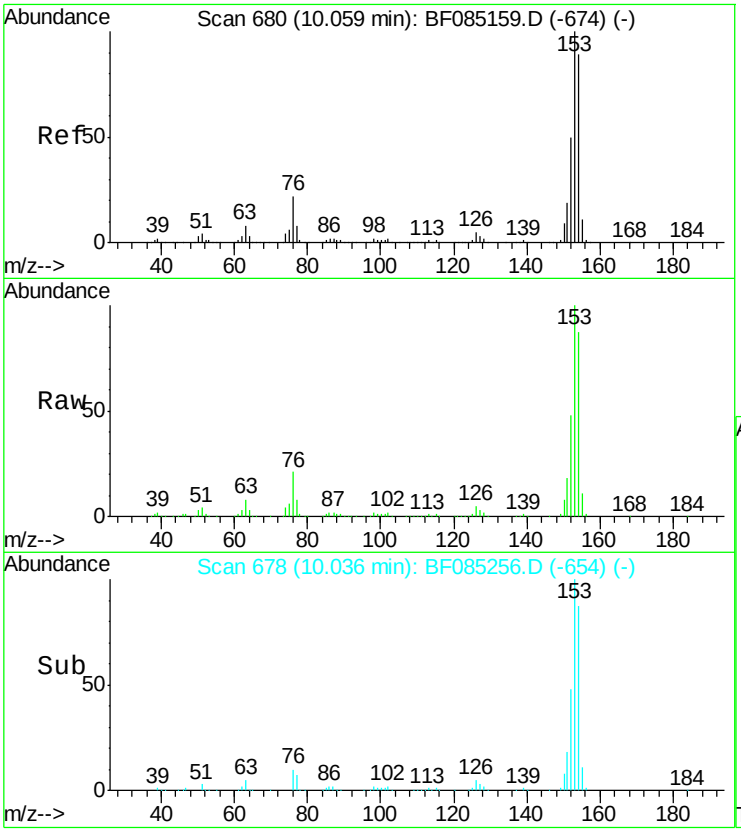


#50
2,6-Dinitrotoluene
Concen: 44.06 ng
RT: 9.78 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:165 Resp: 199484

Ion	Ratio	Lower	Upper
165	100		
63	55.0	41.8	62.8
89	59.6	46.7	70.1

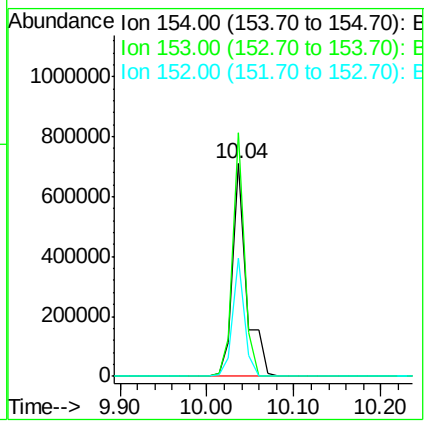




#51
Acenaphthene
Concen: 46.86 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

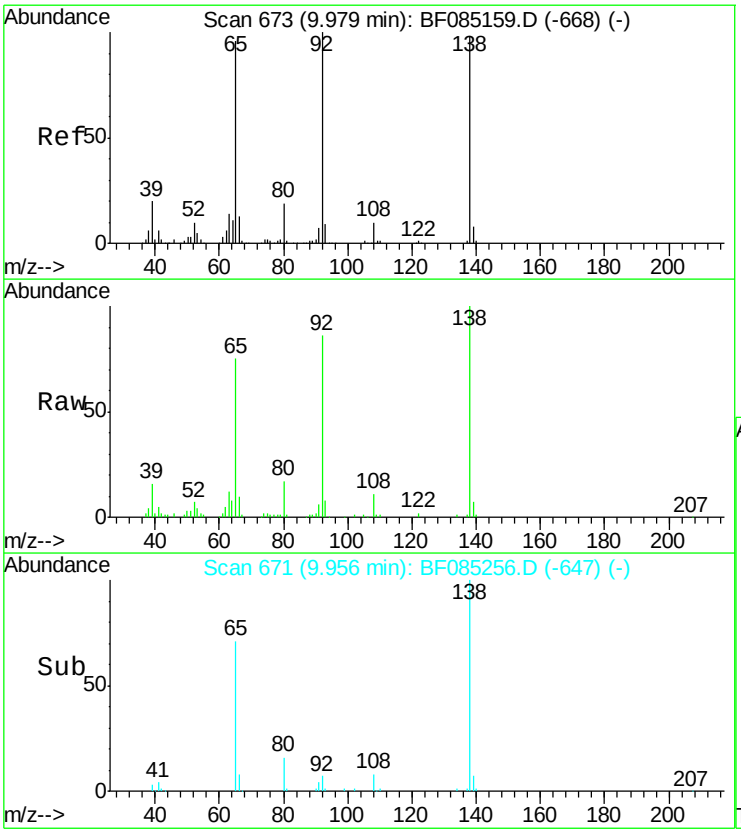
Tgt Ion:154 Resp: 795296

Ion	Ratio	Lower	Upper
154	100		
153	114.6	89.8	134.8
152	55.5	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
PB88757BS

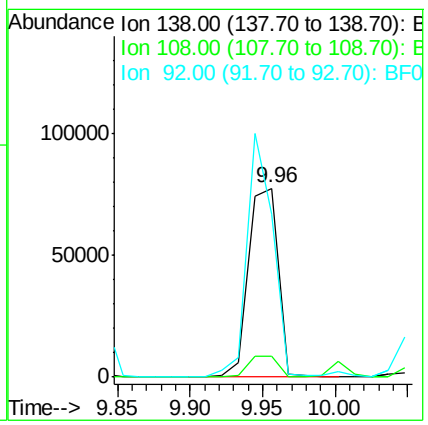
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

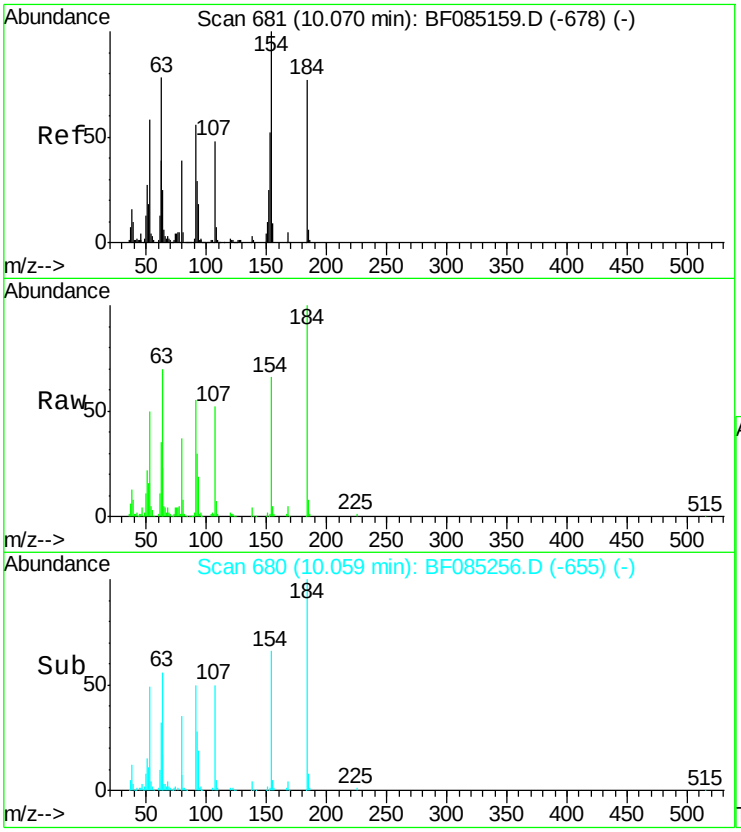


#52
3-Nitroaniline
Concen: 20.32 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:138 Resp: 110080

Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.8	11.6
92	86.2	81.3	121.9

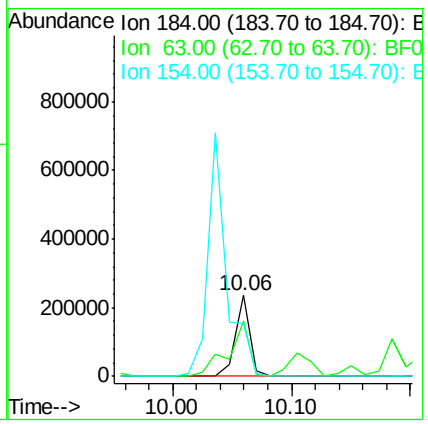




#53
2,4-Dinitrophenol
Concen: 87.51 ng
RT: 10.06 min Scan# 680
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

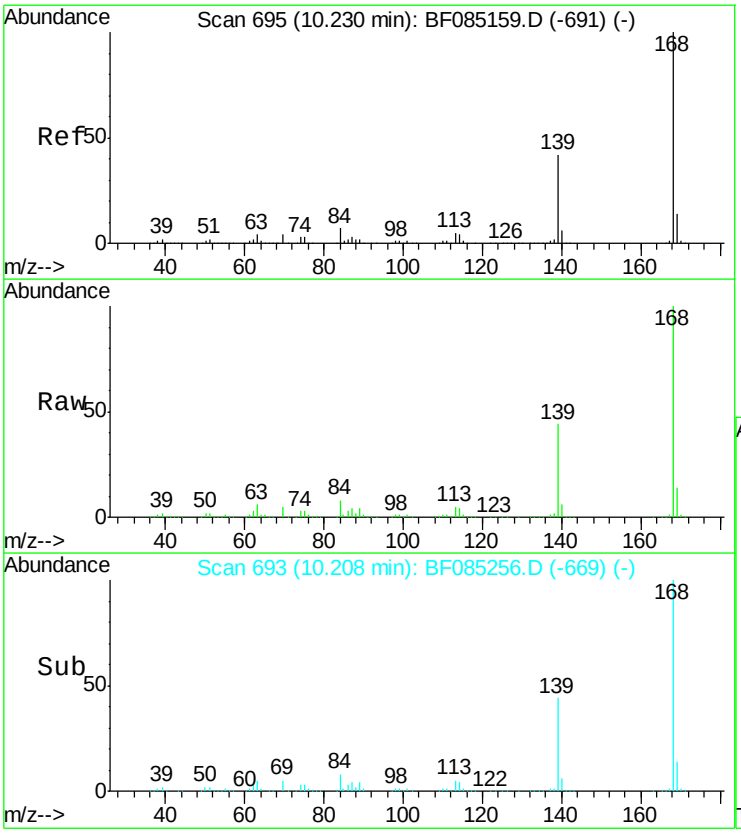
Tgt Ion:184 Resp: 203000

Ion	Ratio	Lower	Upper
184	100		
63	69.5	82.2	123.4#
154	66.1	108.9	163.3#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

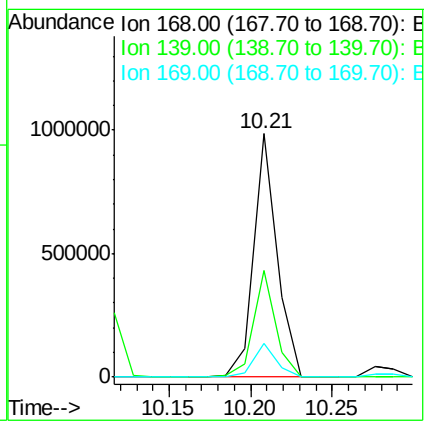
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

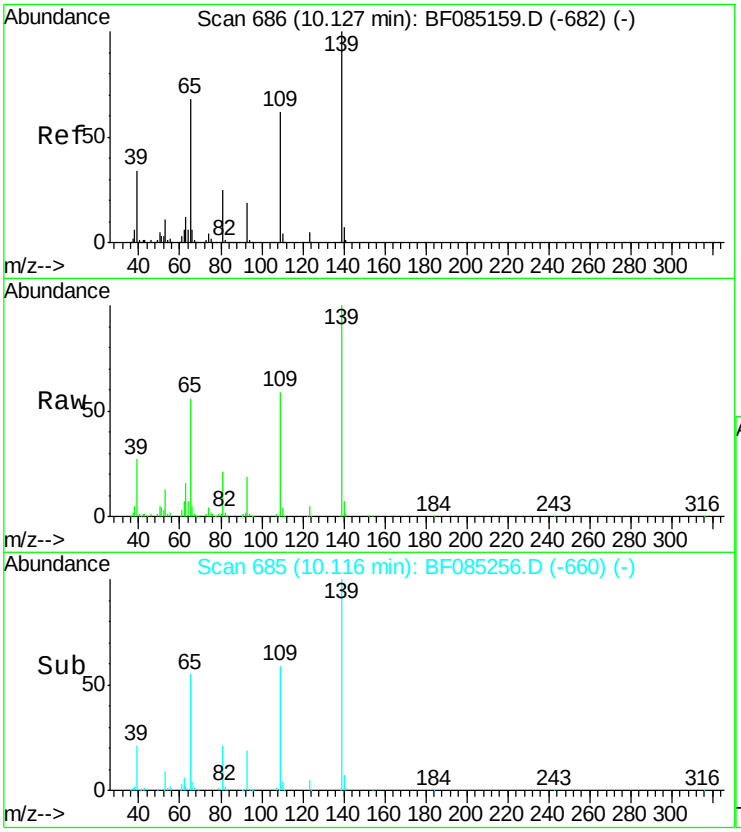


#54
Dibenzofuran
Concen: 44.17 ng
RT: 10.21 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:168 Resp: 982139

Ion	Ratio	Lower	Upper
168	100		
139	43.7	33.6	50.4
169	14.0	11.2	16.8

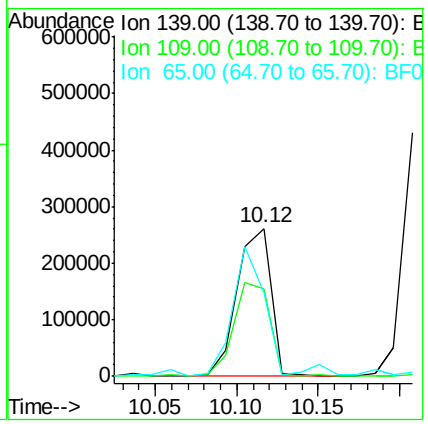




#55
4-Nitrophenol
Concen: 88.48 ng
RT: 10.12 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

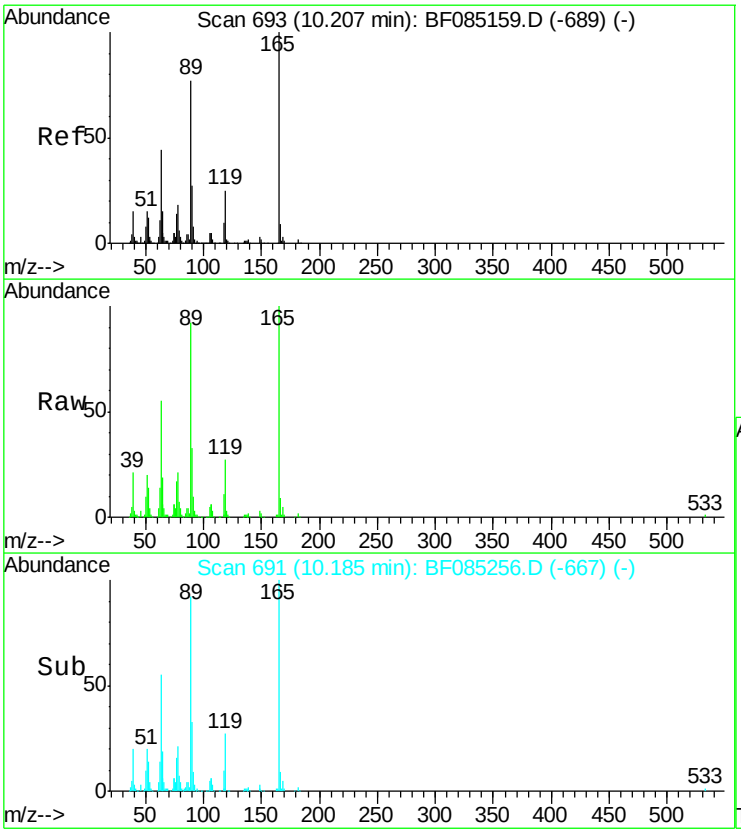
Tgt Ion:139 Resp: 376668

Ion	Ratio	Lower	Upper
139	100		
109	58.9	41.9	81.9
65	56.3	48.3	88.3



Instrument :
BNA_F
ClientSampleId :
PB88757BS

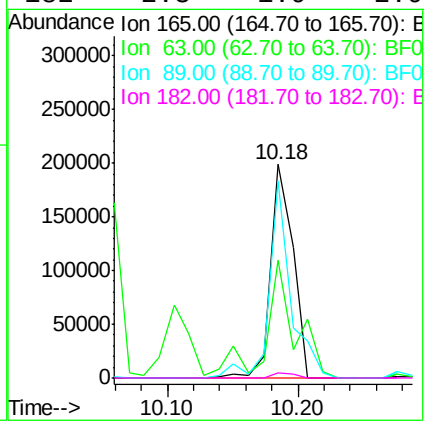
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

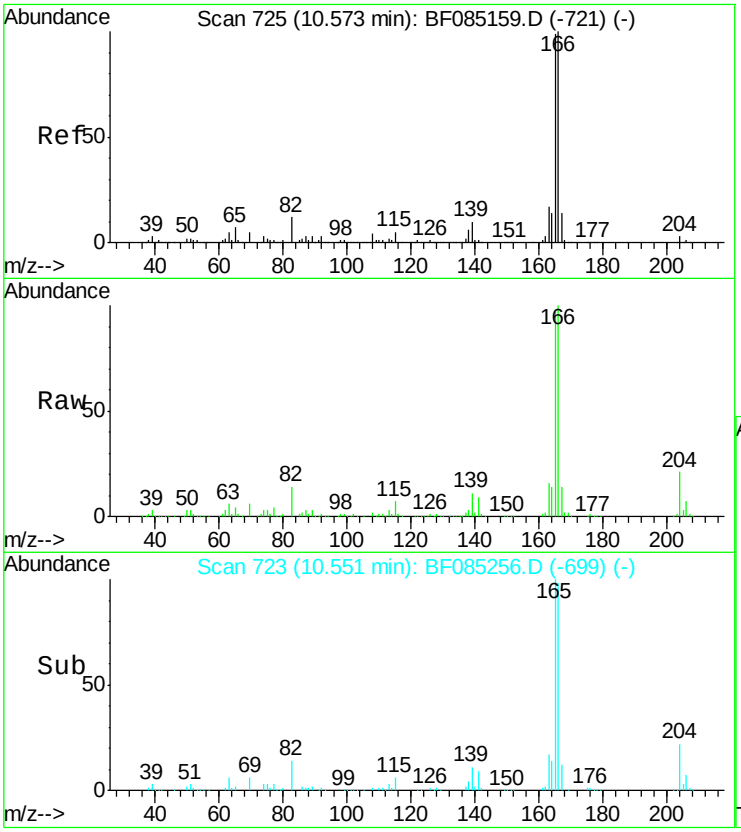


#56
2,4-Dinitrotoluene
Concen: 41.08 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:165 Resp: 238055

Ion	Ratio	Lower	Upper
165	100		
63	55.1	35.4	53.0#
89	92.2	61.9	92.9
182	2.3	1.9	2.9

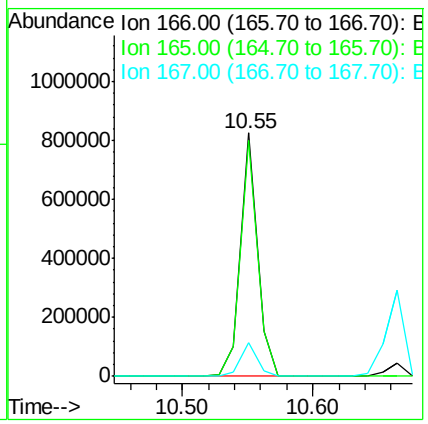




#57
Fluorene
Concen: 42.88 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

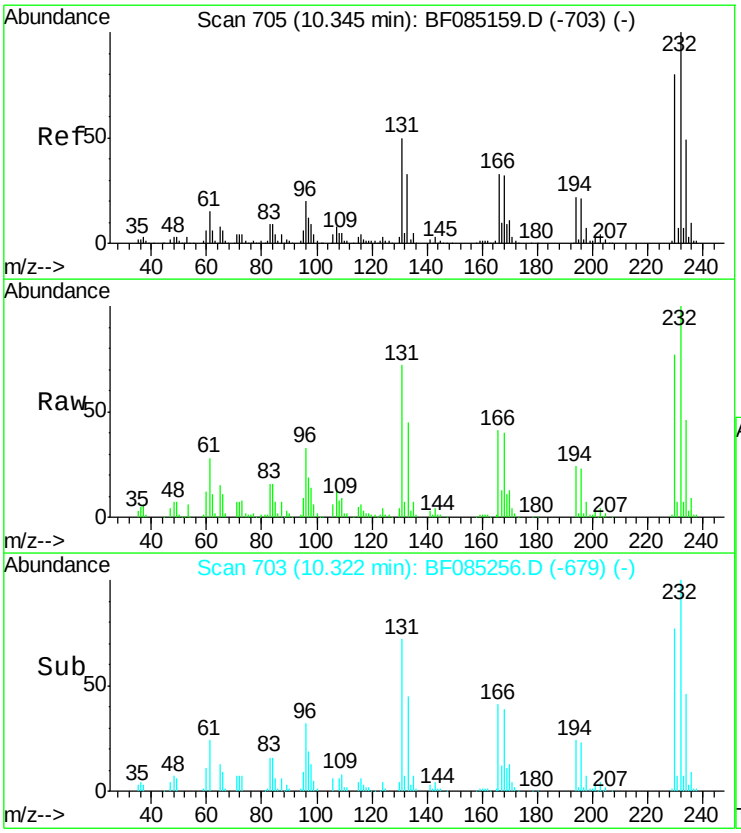
Tgt Ion:166 Resp: 748795

Ion	Ratio	Lower	Upper
166	100		
165	96.9	79.4	119.0
167	13.8	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB88757BS

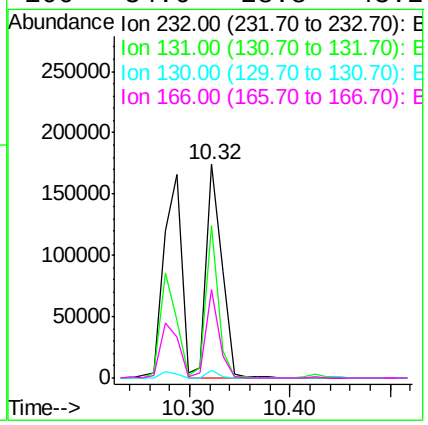
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

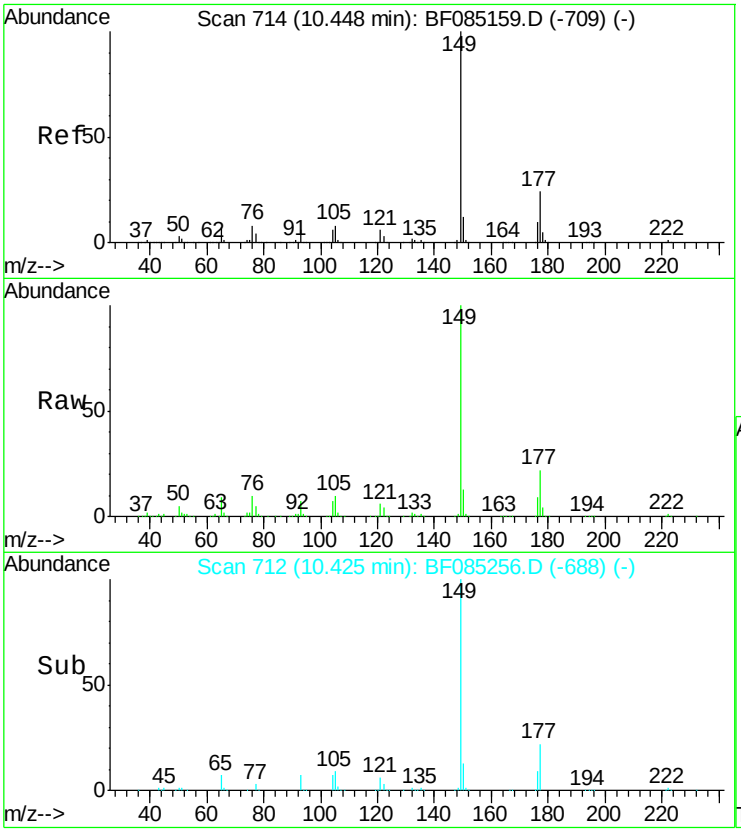


#58
2,3,4,6-Tetrachlorophenol
Concen: 48.49 ng
RT: 10.32 min Scan# 703
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:232 Resp: 189593

Ion	Ratio	Lower	Upper
232	100		
131	57.2	46.0	69.0
130	3.0	2.2	3.4
166	34.6	28.8	43.2

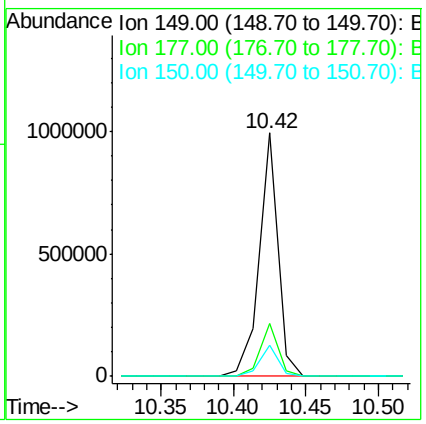




#59
Diethylphthalate
Concen: 43.35 ng
RT: 10.42 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

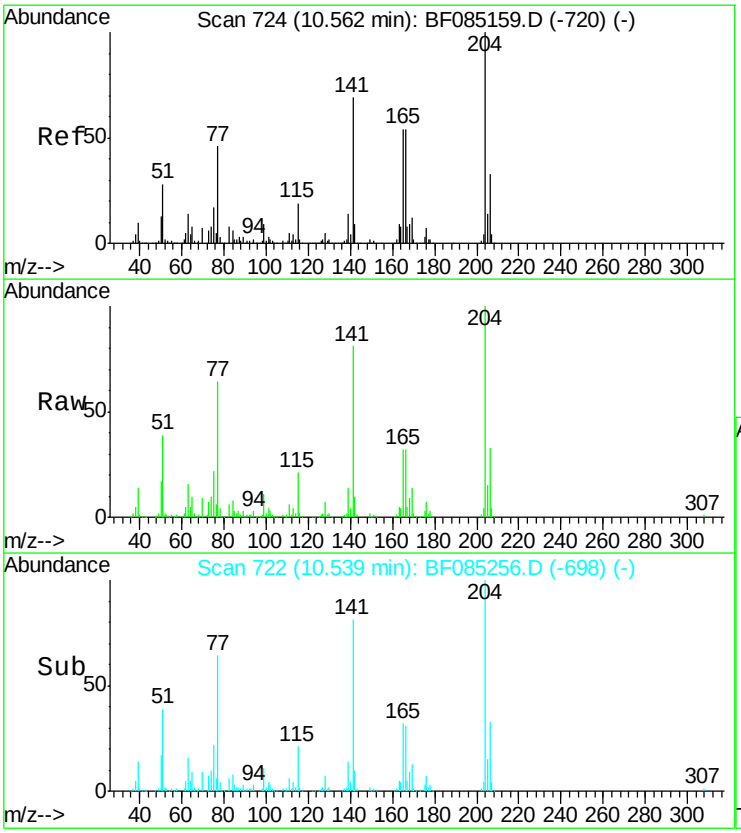
Tgt Ion:149 Resp: 890362

Ion	Ratio	Lower	Upper
149	100		
177	21.9	19.2	28.8
150	12.8	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
PB88757BS

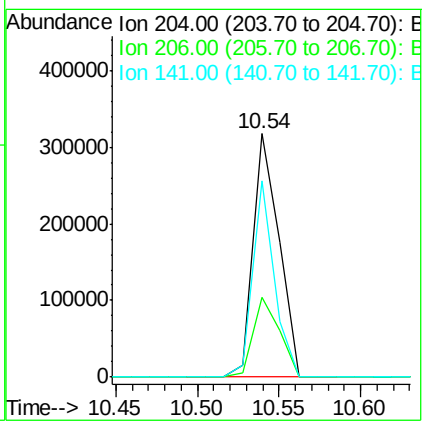
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

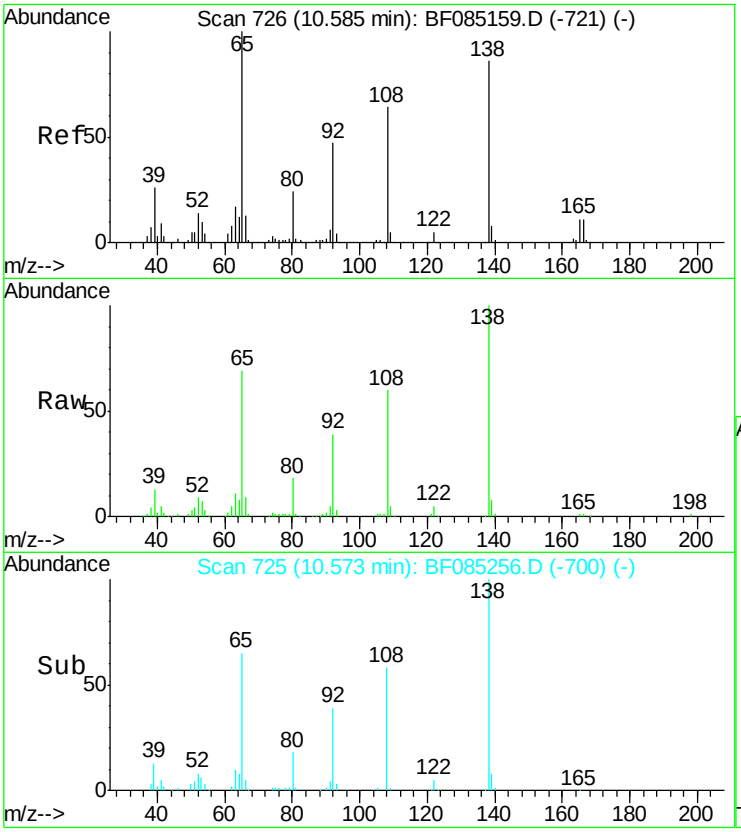


#60
4-Chlorophenyl-phenylether
Concen: 41.10 ng
RT: 10.54 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:204 Resp: 349196

Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.5	39.7
141	80.5	55.4	83.2

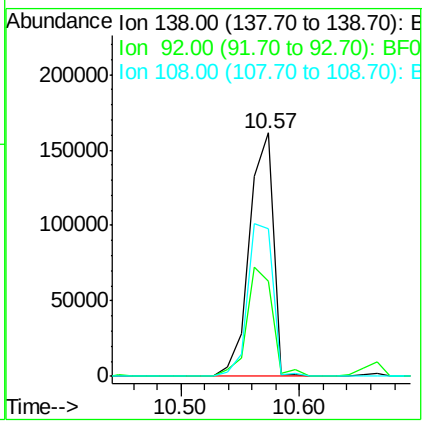




#61
4-Nitroaniline
Concen: 44.92 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

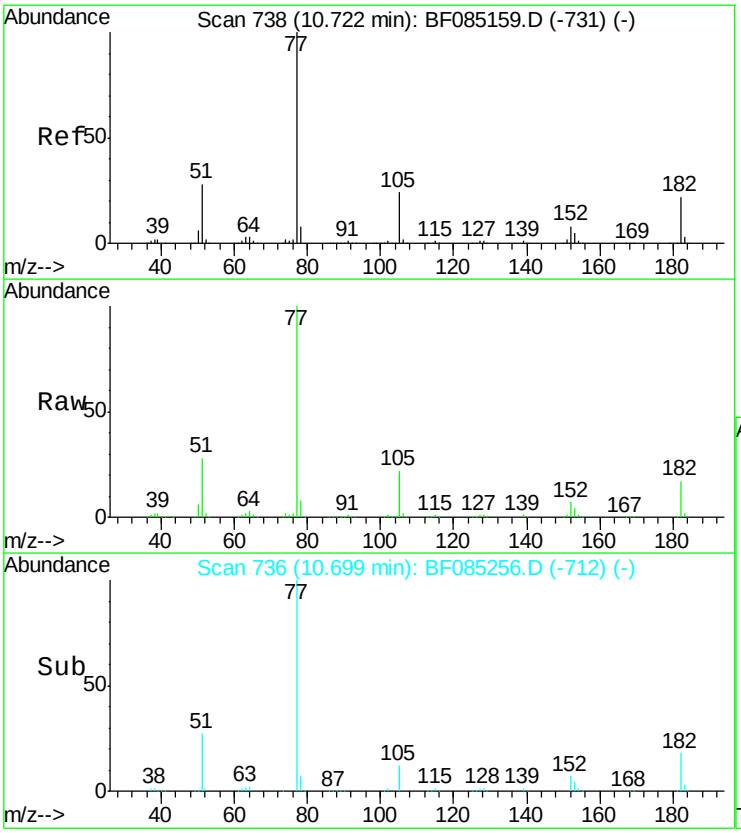
Tgt Ion:138 Resp: 227615

Ion	Ratio	Lower	Upper
138	100		
92	38.9	34.2	74.2
108	60.5	53.9	93.9



Instrument :
BNA_F
ClientSampleId :
PB88757BS

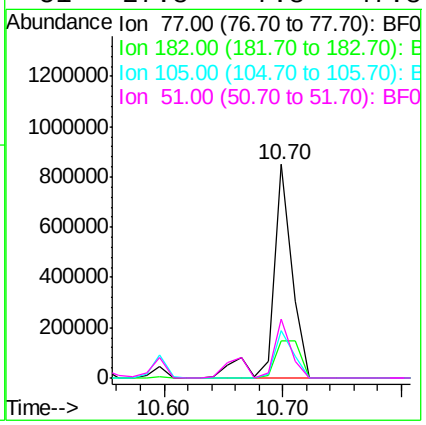
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

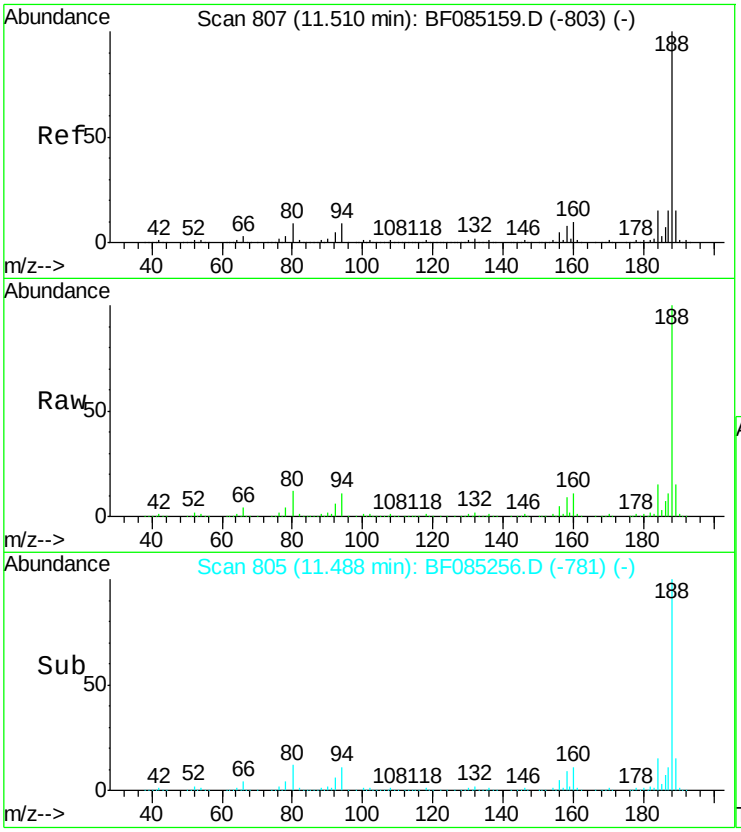


#62
Azobenzene
Concen: 46.36 ng
RT: 10.70 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion: 77 Resp: 938077

Ion	Ratio	Lower	Upper
77	100		
182	17.2	2.1	42.1
105	22.0	3.8	43.8
51	27.8	7.8	47.8

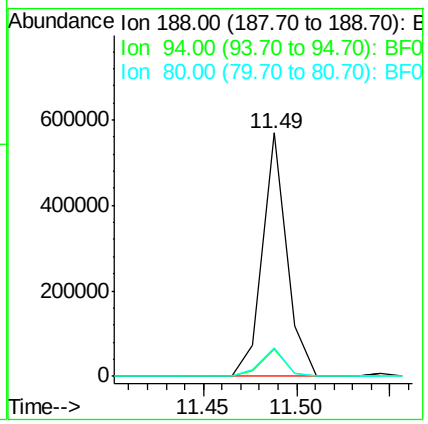




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

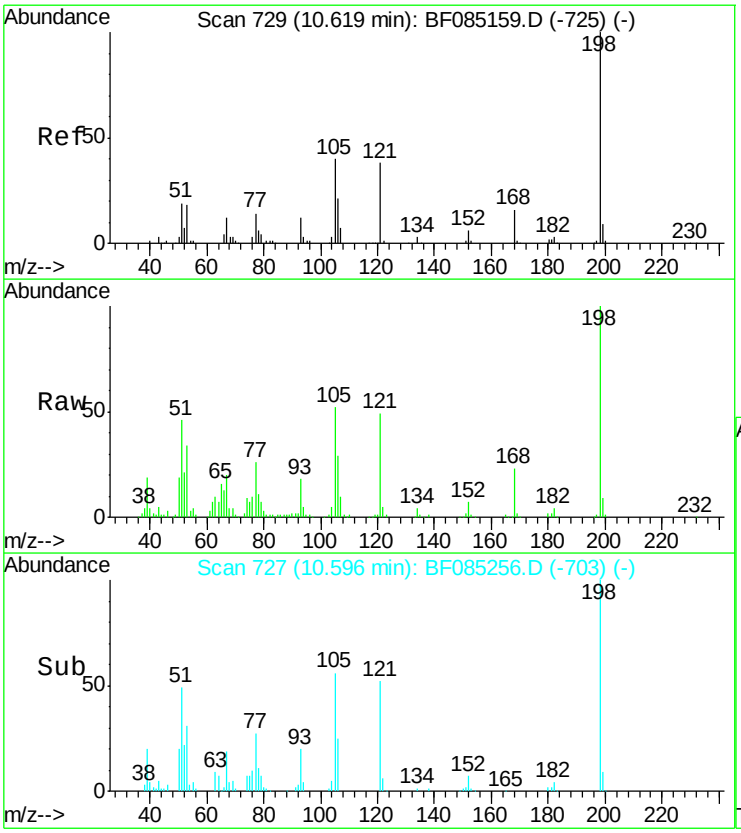
Tgt Ion:188 Resp: 523947

Ion	Ratio	Lower	Upper
188	100		
94	11.2	7.0	10.6#
80	11.7	7.4	11.0#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

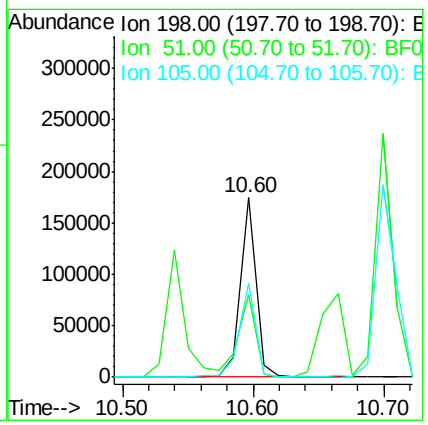
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

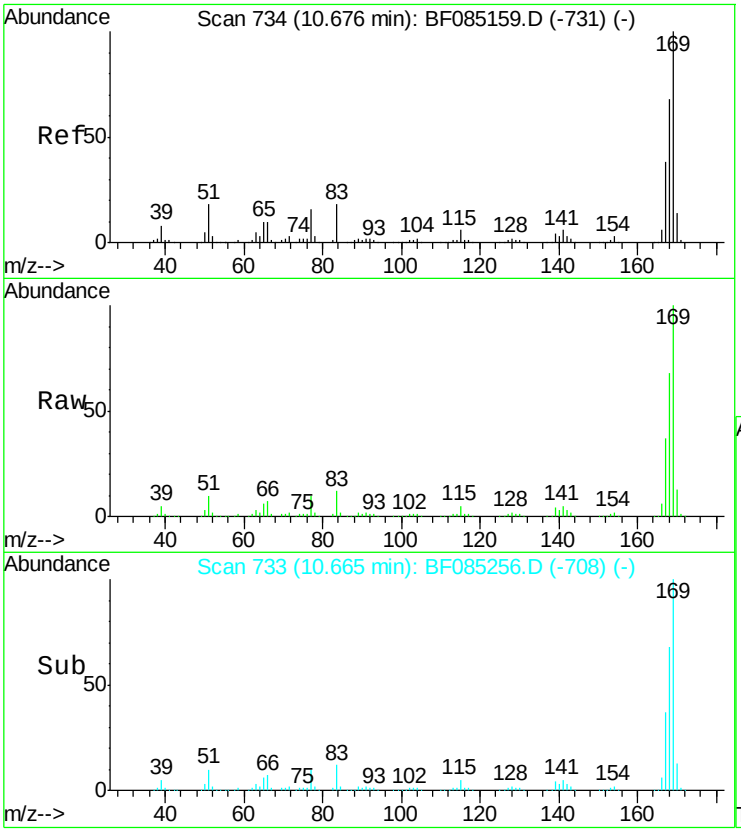


#64
4,6-Dinitro-2-methylphenol
Concen: 45.51 ng
RT: 10.60 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:198 Resp: 142773

Ion	Ratio	Lower	Upper
198	100		
51	46.0	9.5	49.5
105	52.2	20.5	60.5

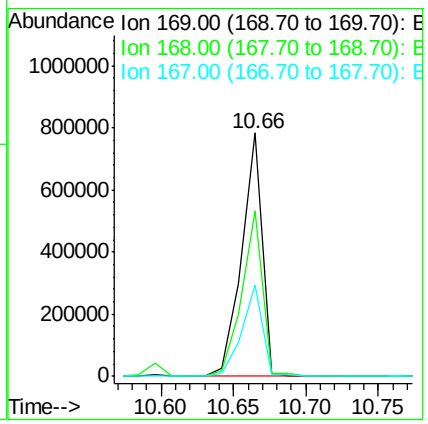




#65
n-Nitrosodiphenylamine
Concen: 47.06 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

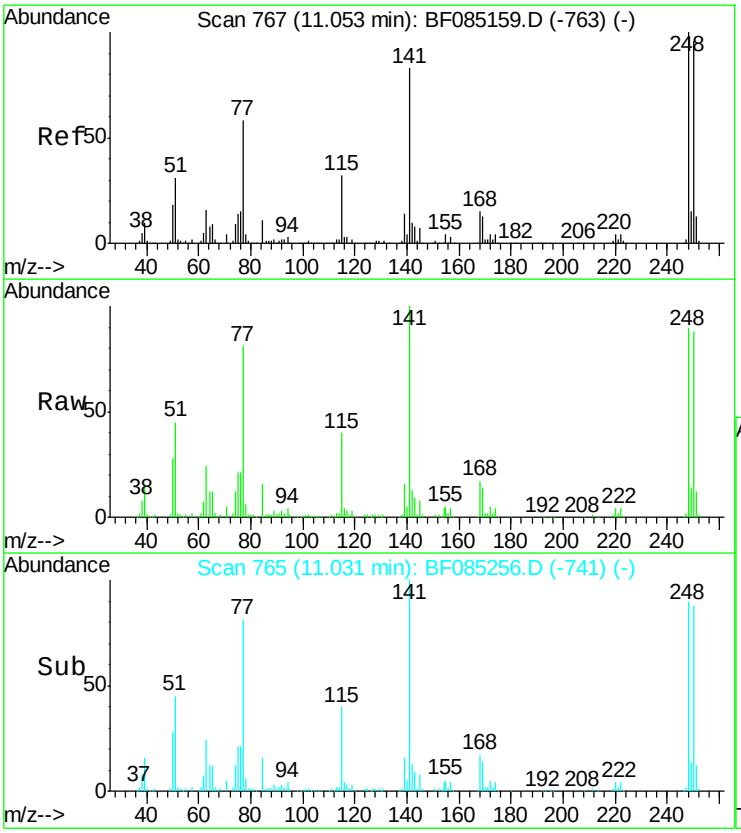
Tgt Ion:169 Resp: 766977

Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.8	82.2
167	37.3	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
PB88757BS

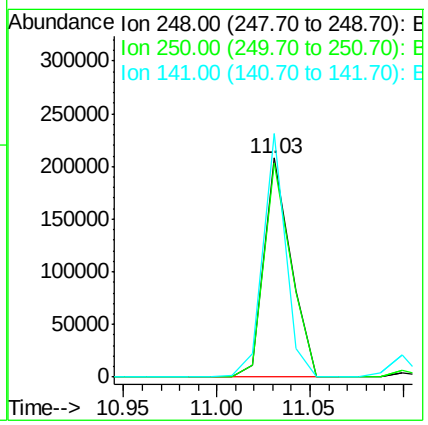
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

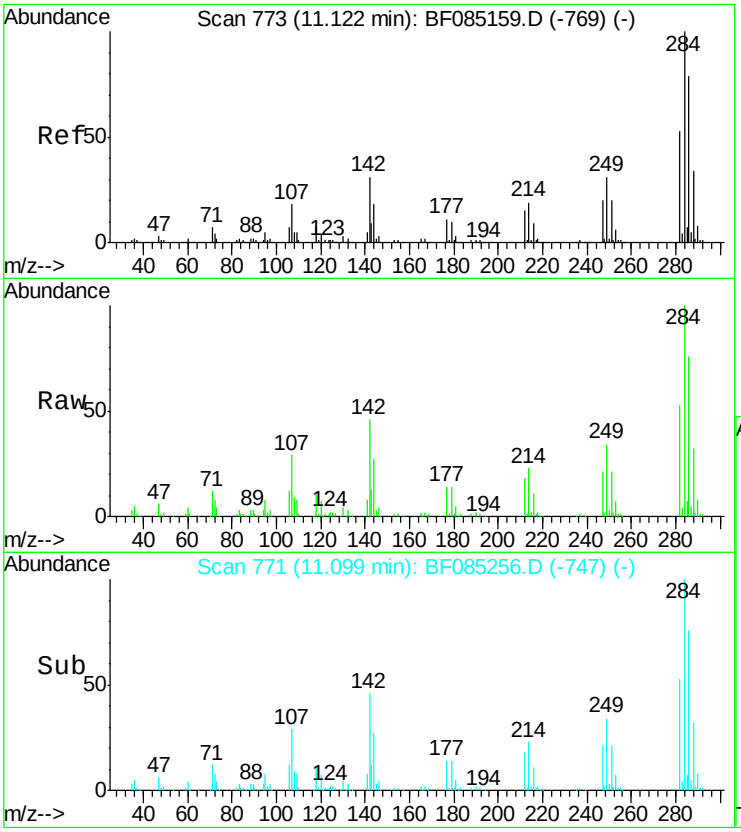


#66
4-Bromophenyl-phenylether
Concen: 40.75 ng
RT: 11.03 min Scan# 765
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:248 Resp: 207318

Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.1	115.7
141	111.1	66.2	99.2#

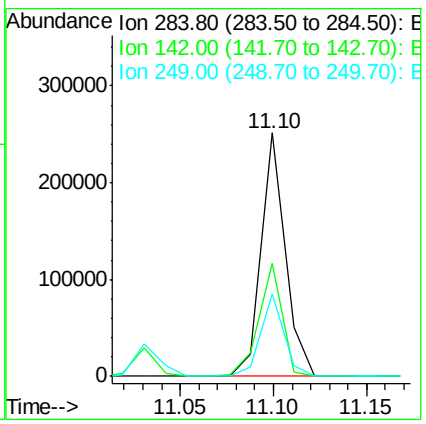




#67
Hexachlorobenzene
Concen: 41.25 ng
RT: 11.10 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

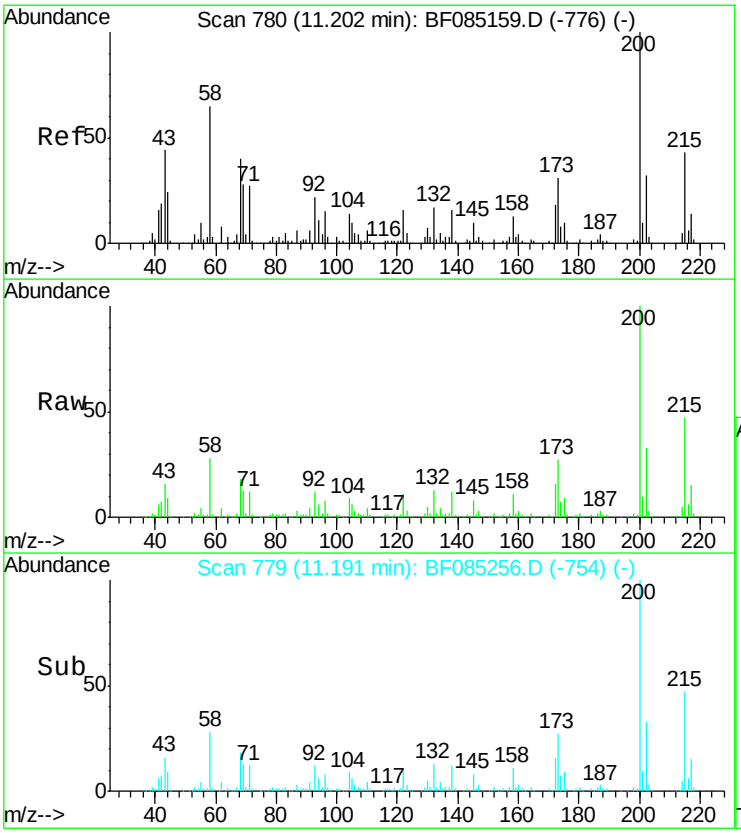
Tgt Ion:284 Resp: 223885

Ion	Ratio	Lower	Upper
284	100		
142	46.4	24.9	37.3#
249	33.6	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB88757BS

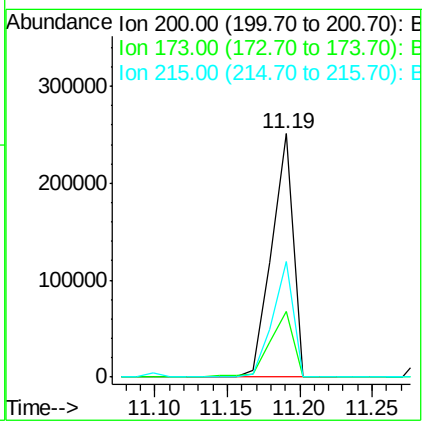
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

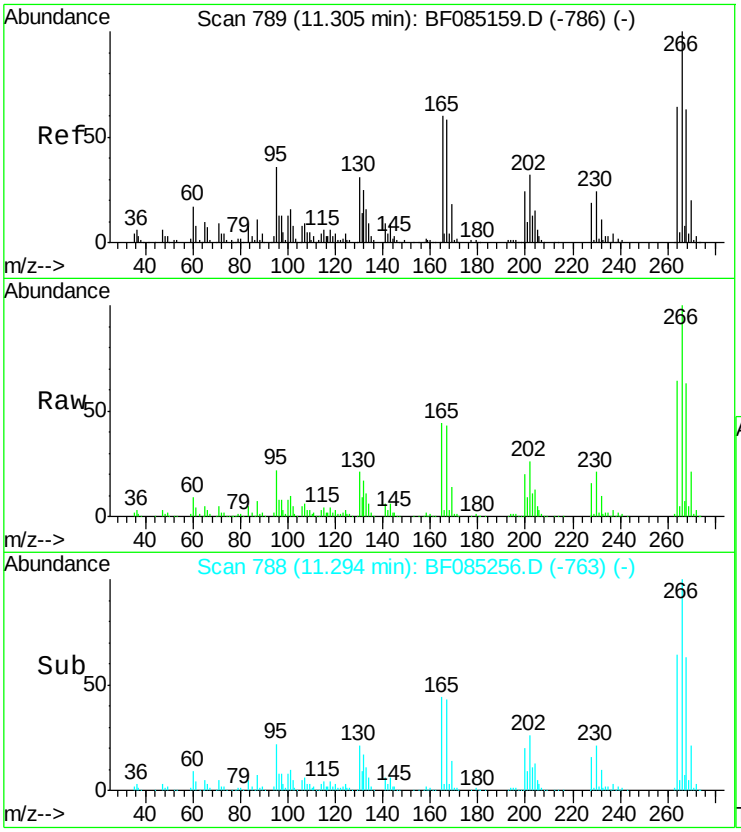


#68
Atrazine
Concen: 57.15 ng
RT: 11.19 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:200 Resp: 259005

Ion	Ratio	Lower	Upper
200	100		
173	26.9	10.5	50.5
215	47.4	23.4	63.4

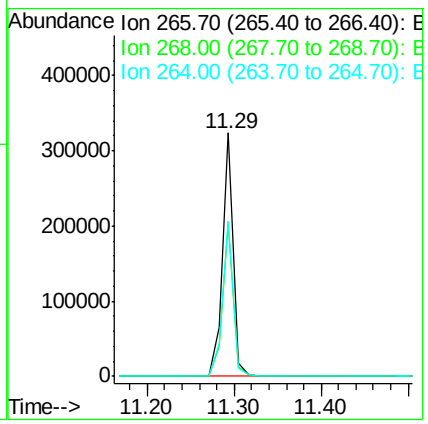




#69
Pentachlorophenol
Concen: 94.43 ng
RT: 11.29 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

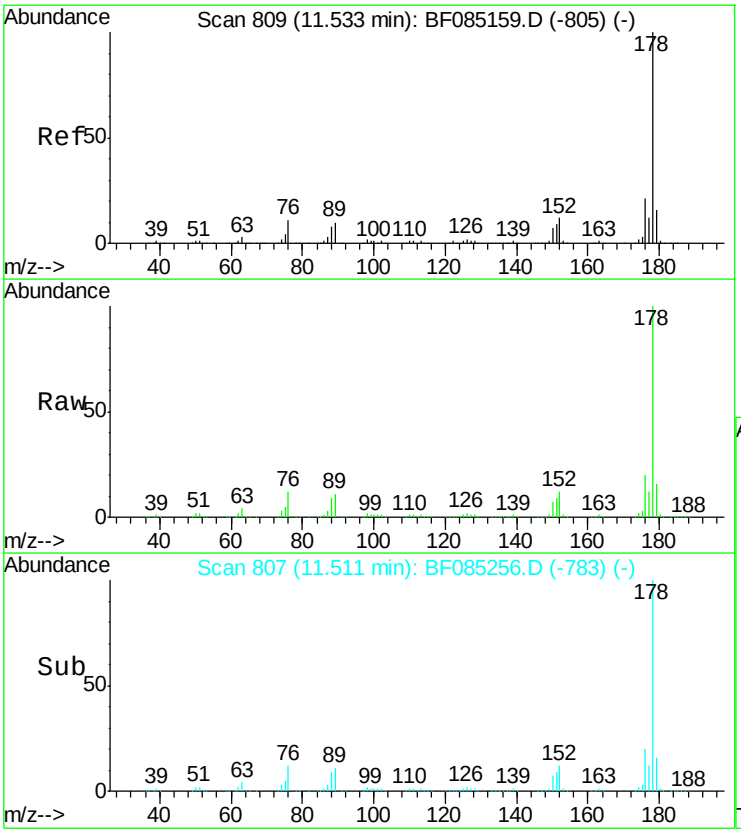
Tgt Ion:266 Resp: 284470

Ion	Ratio	Lower	Upper
266	100		
268	62.9	50.0	75.0
264	63.8	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
PB88757BS

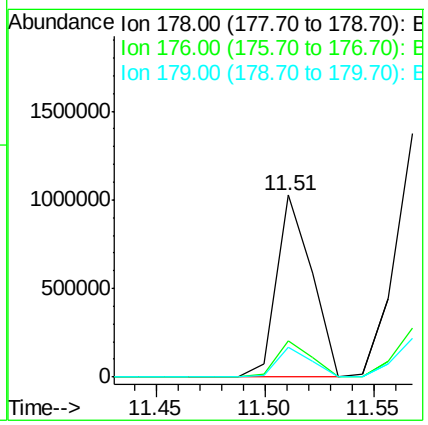
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

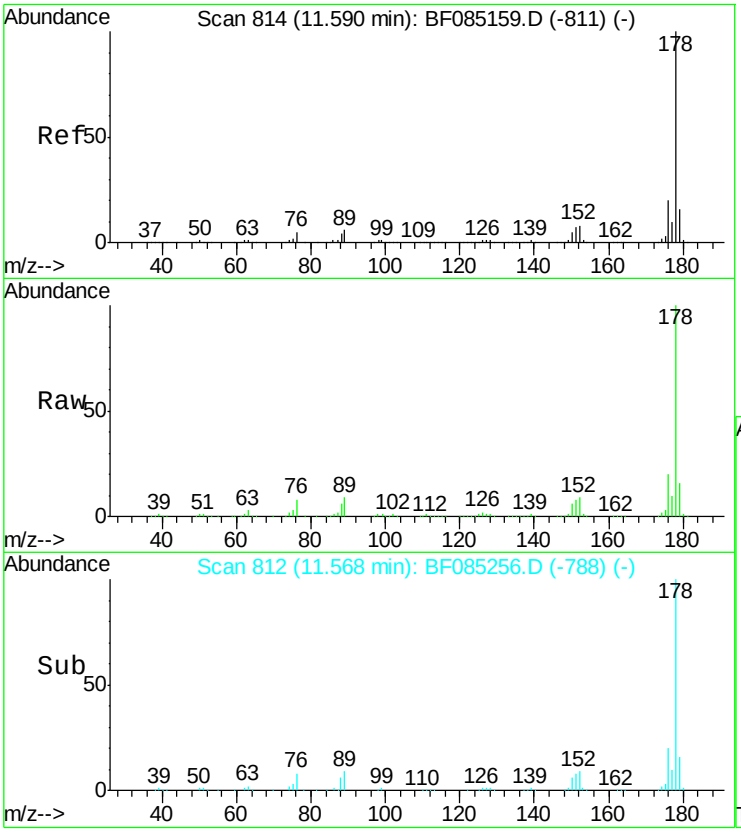


#70
Phenanthrene
Concen: 42.20 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:178 Resp: 1158621

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.8	25.2
179	16.2	13.1	19.7

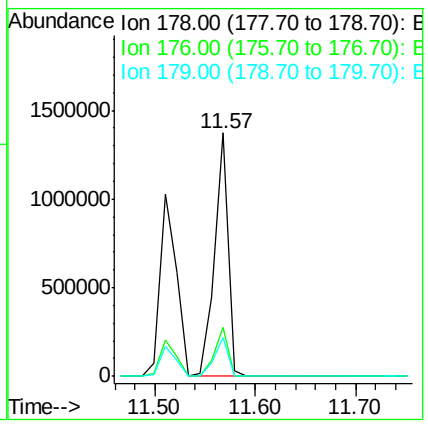




#71
Anthracene
Concen: 43.94 ng
RT: 11.57 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

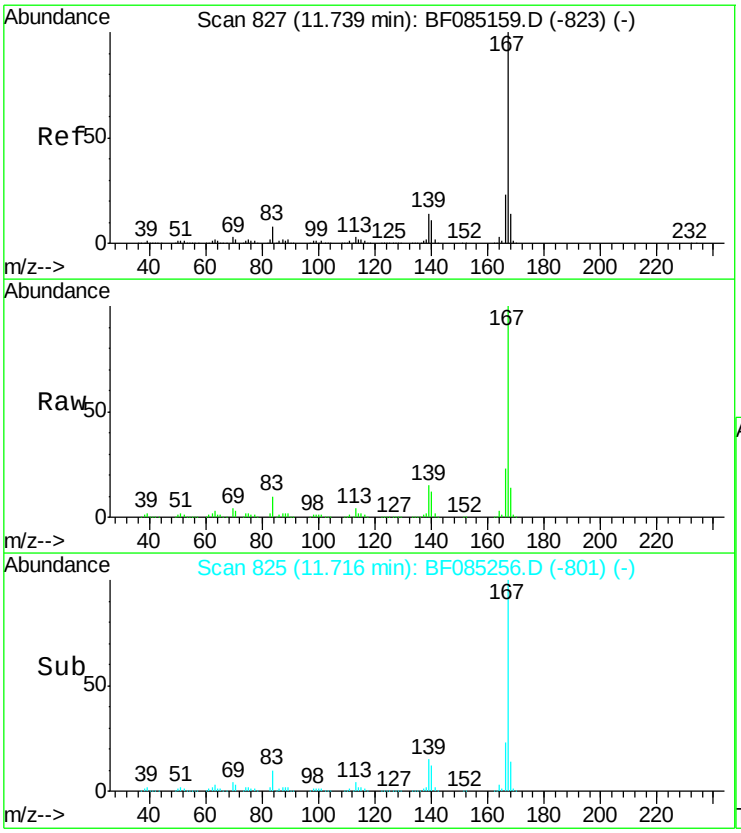
Tgt Ion:178 Resp: 1280811

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	16.2	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB88757BS

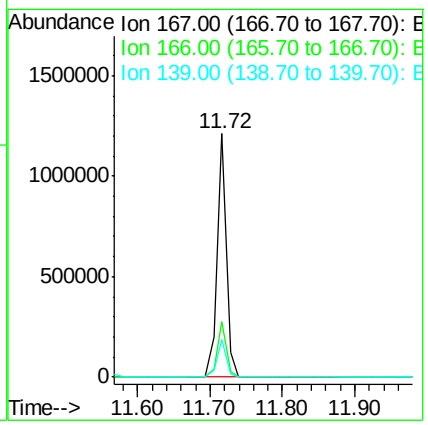
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

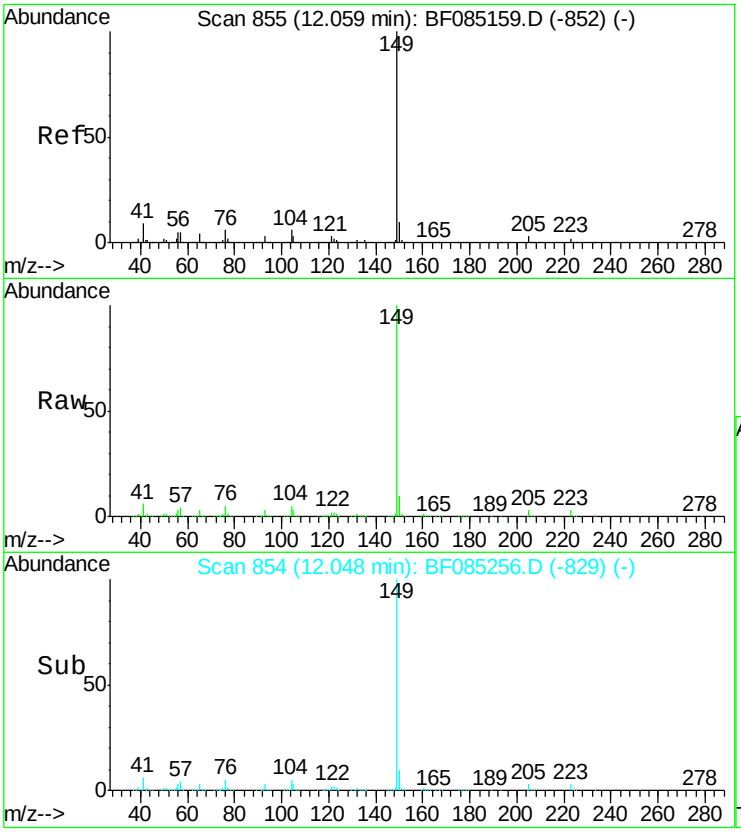


#72
Carbazole
Concen: 41.57 ng
RT: 11.72 min Scan# 825
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:167 Resp: 1062561

Ion	Ratio	Lower	Upper
167	100		
166	22.7	18.2	27.2
139	15.2	11.4	17.0

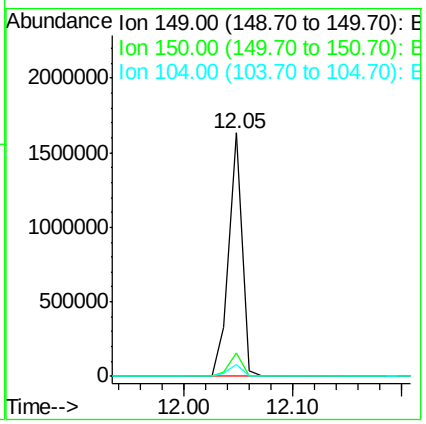




#73
Di-n-butylphthalate
Concen: 42.65 ng
RT: 12.05 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

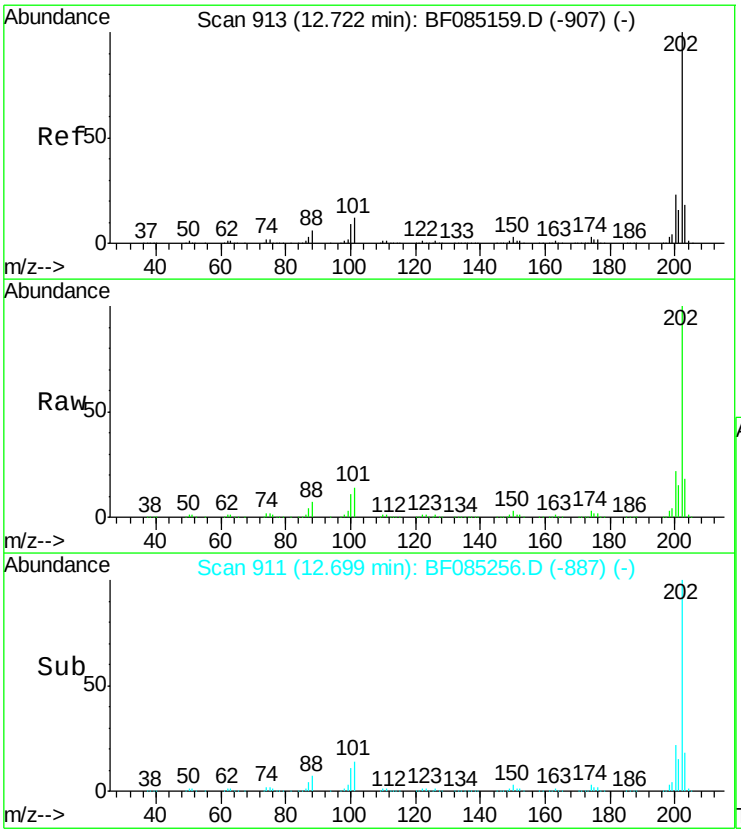
Tgt Ion:149 Resp: 1378077

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	5.0	4.7	7.1



Instrument :
BNA_F
ClientSampleId :
PB88757BS

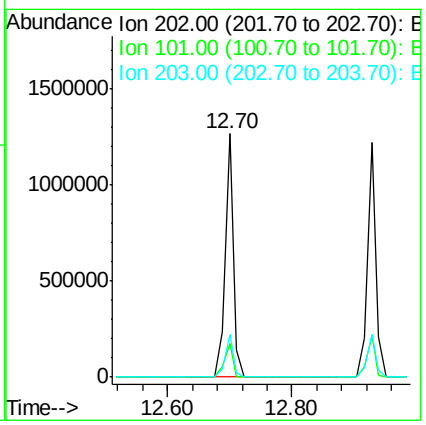
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

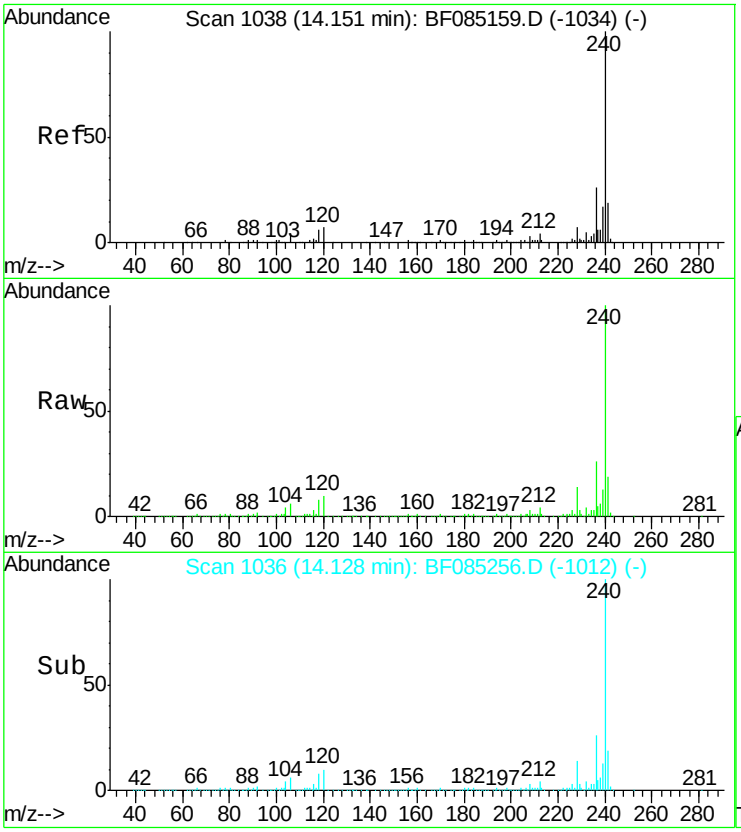


#74
Fluoranthene
Concen: 41.41 ng
RT: 12.70 min Scan# 911
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:202 Resp: 1141115

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	31.8
203	17.7	0.0	38.4

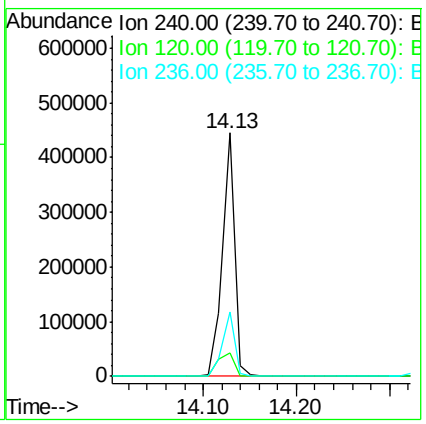




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

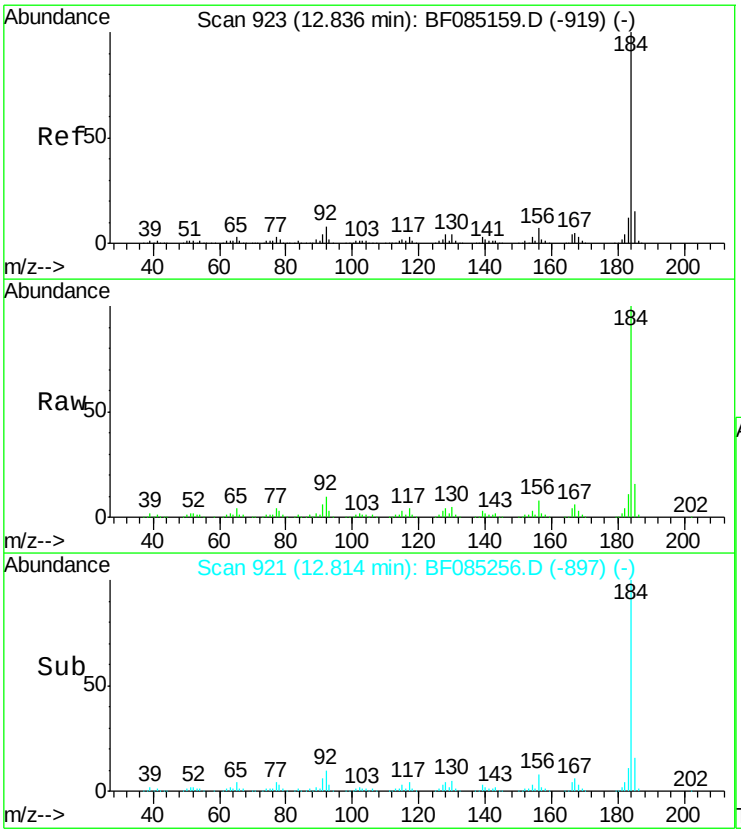
Tgt Ion:240 Resp: 404035

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.3	7.9#
236	26.5	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
PB88757BS

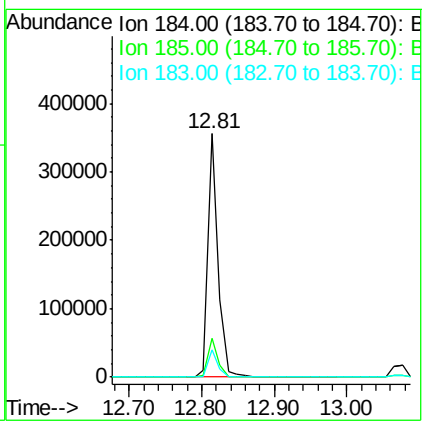
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

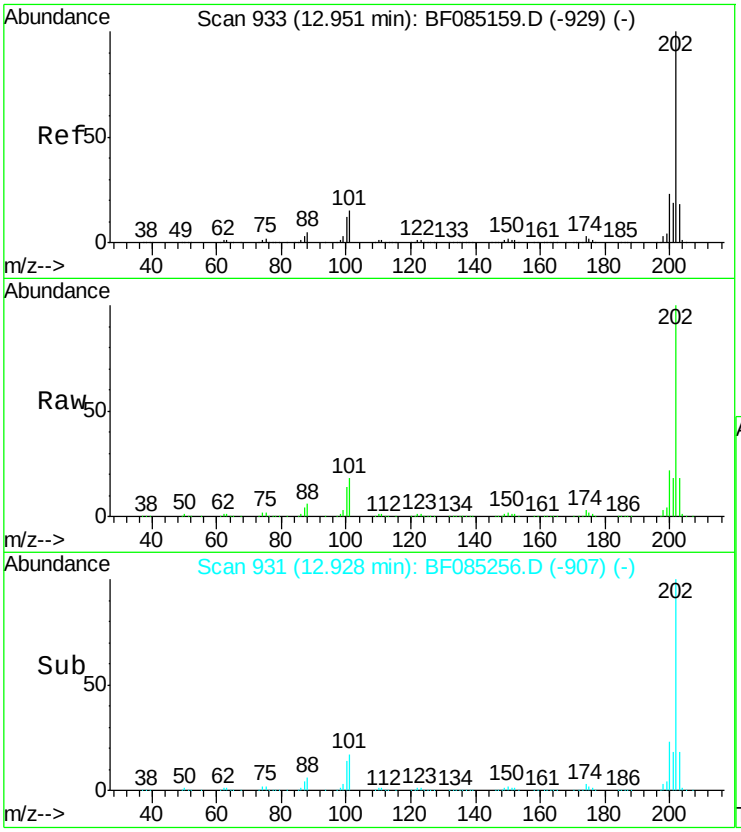


#76
Benzidine
Concen: 28.62 ng
RT: 12.81 min Scan# 921
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:184 Resp: 344125

Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.4	18.6
183	11.4	9.4	14.2

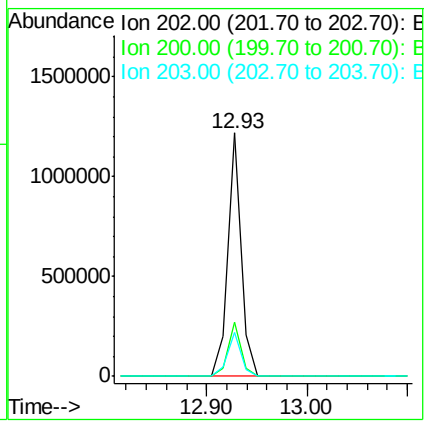




#77
Pyrene
Concen: 37.17 ng
RT: 12.93 min Scan# 931
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

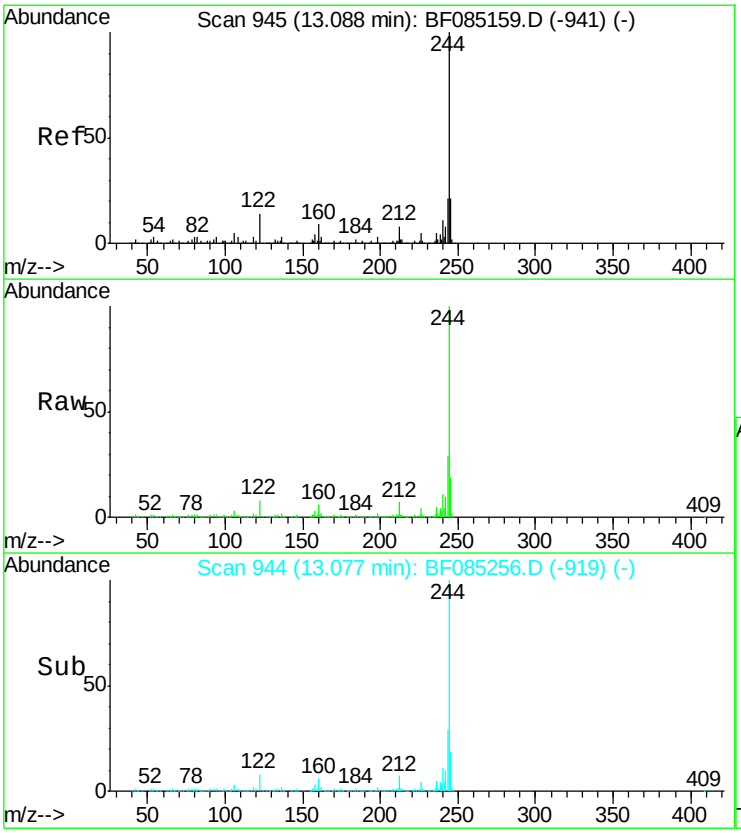
Tgt Ion:202 Resp: 1130288

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.4
203	18.1	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
PB88757BS

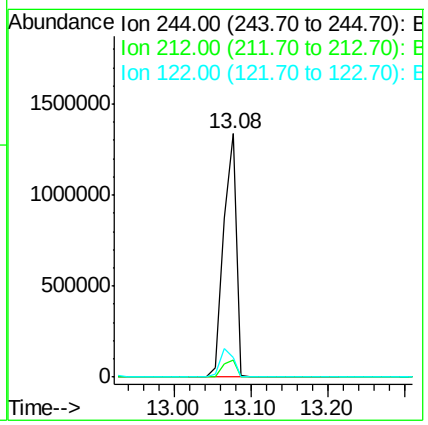
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

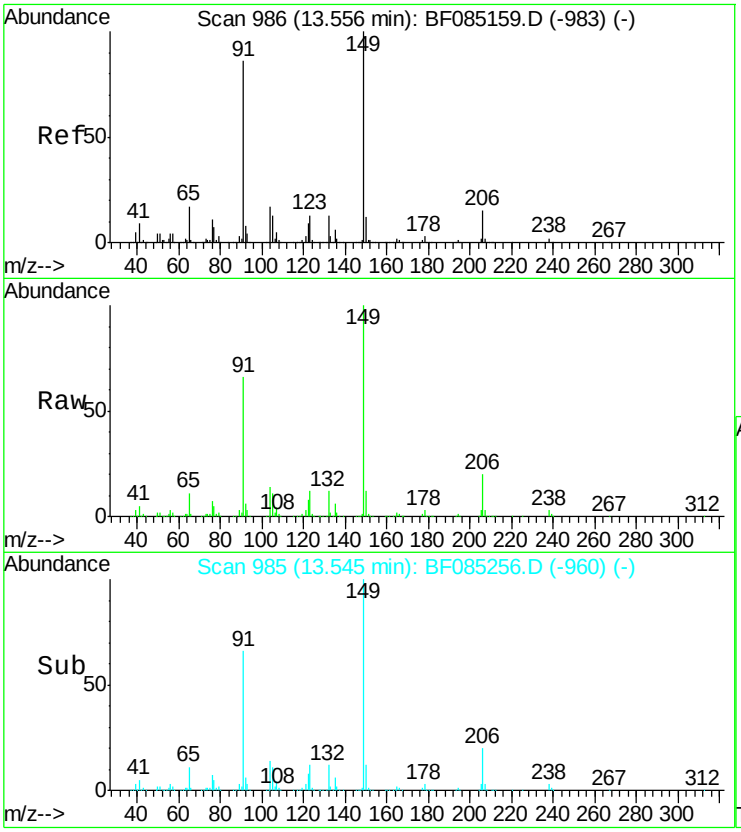


#78
Terphenyl-d14
Concen: 89.95 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:244 Resp: 1565489

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	8.2	11.4	17.2#

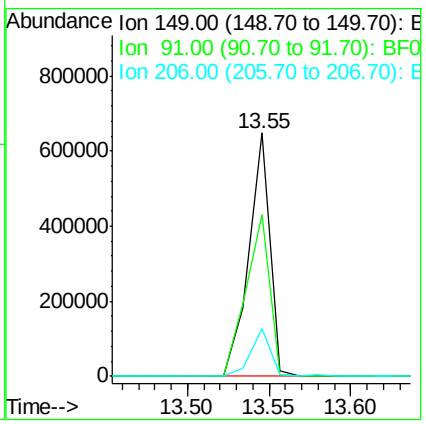




#79
Butylbenzylphthalate
Concen: 42.23 ng
RT: 13.55 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

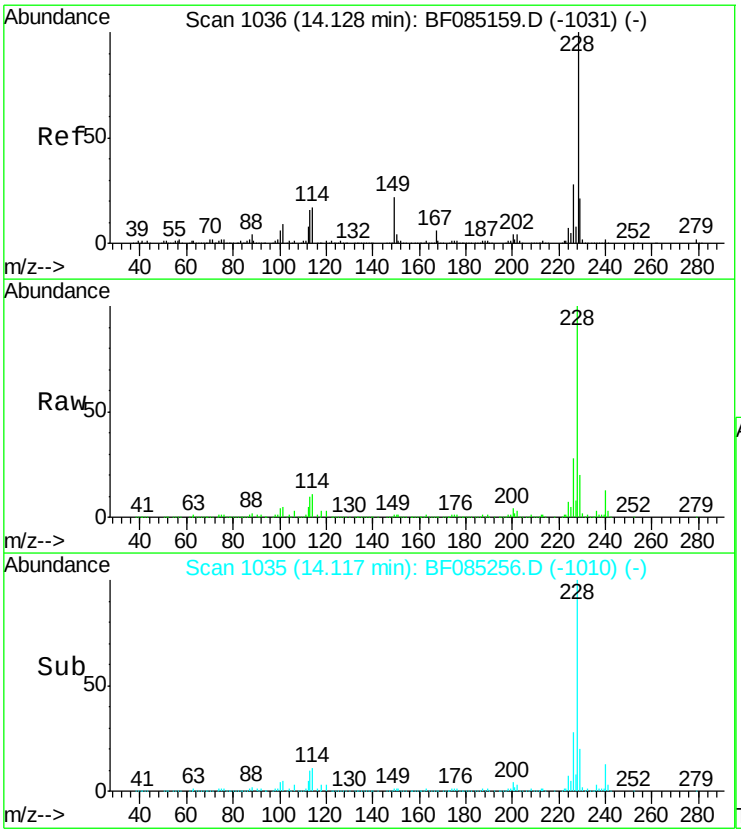
Tgt Ion:149 Resp: 582763

Ion	Ratio	Lower	Upper
149	100		
91	66.3	69.0	103.4#
206	19.5	12.3	18.5#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

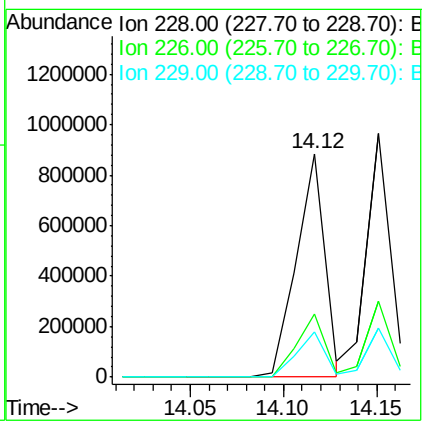
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

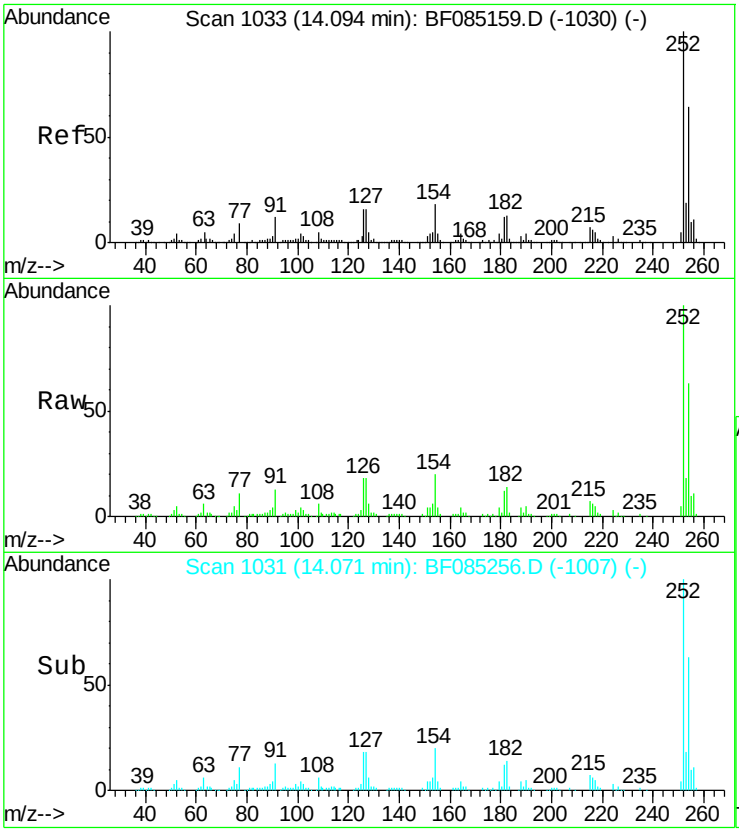


#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 14.12 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:228 Resp: 944817

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.8	34.2
229	20.2	16.6	24.8

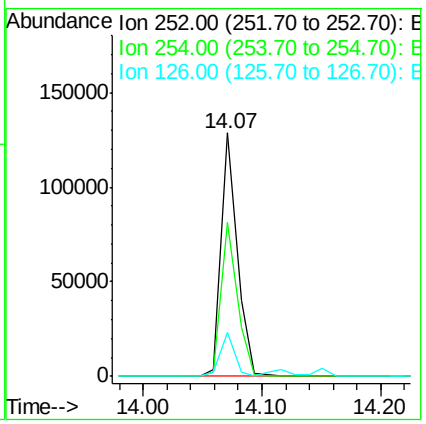




#81
3,3'-Dichlorobenzidine
Concen: 15.78 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

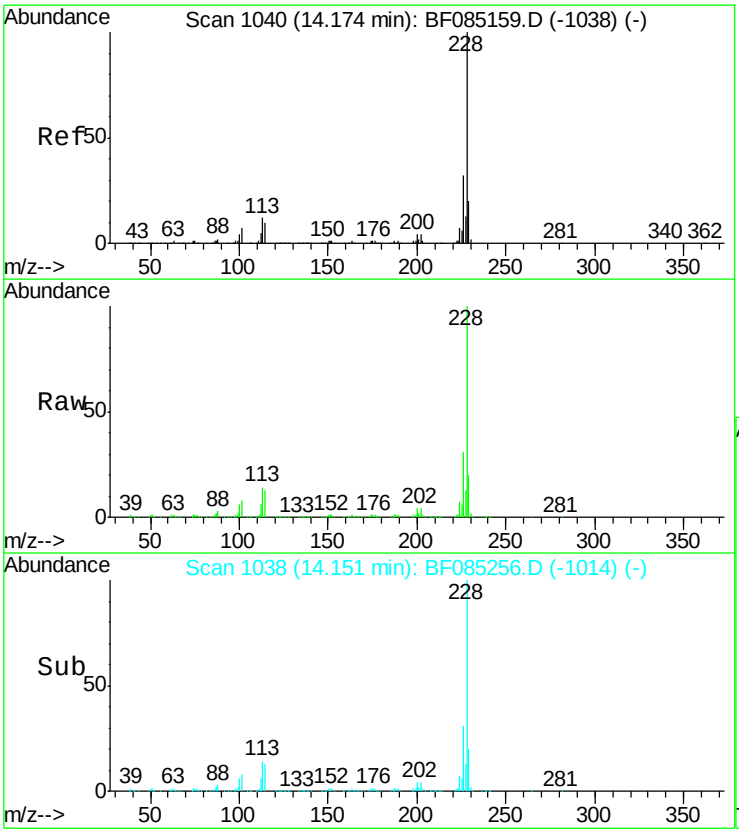
Tgt Ion:252 Resp: 120427

Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.4	77.0
126	17.9	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
PB88757BS

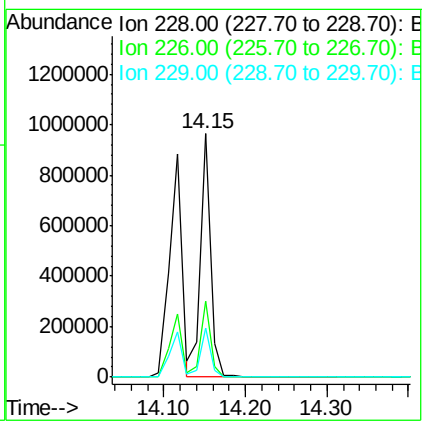
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

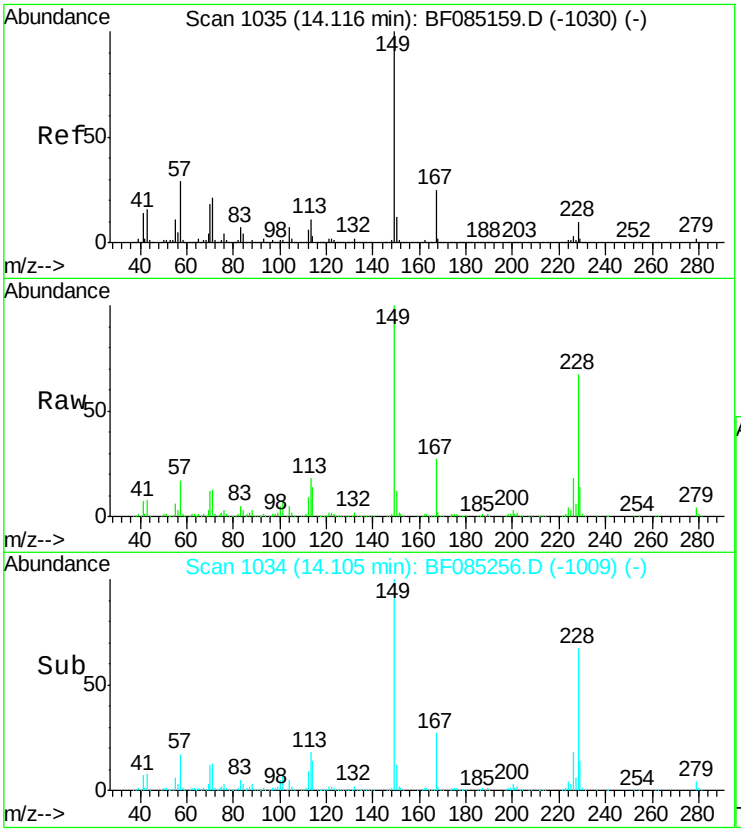


#82
Chrysene
Concen: 38.67 ng
RT: 14.15 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:228 Resp: 863960

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.2	37.8
229	20.0	16.0	24.0

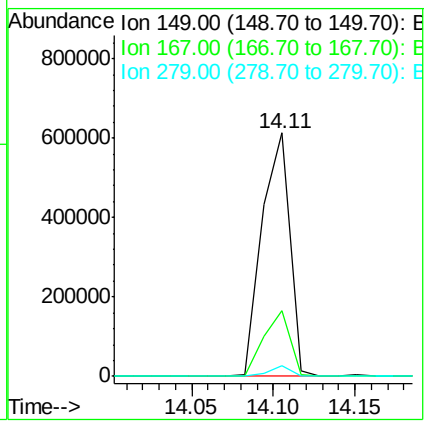




#83
Bis(2-ethylhexyl)phthalate
Concen: 40.29 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

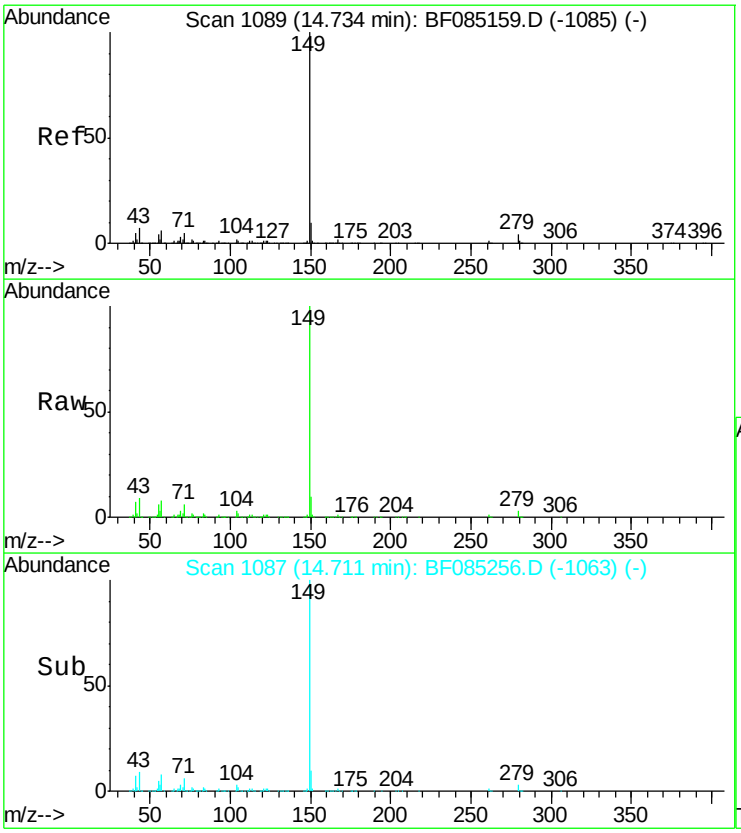
Tgt Ion:149 Resp: 731523

Ion	Ratio	Lower	Upper
149	100		
167	27.1	20.3	30.5
279	4.4	1.9	2.9#



Instrument :
BNA_F
ClientSampleId :
PB88757BS

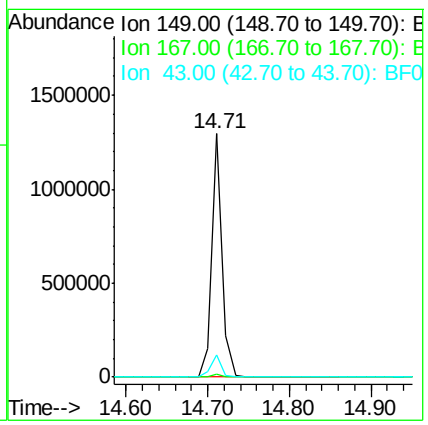
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

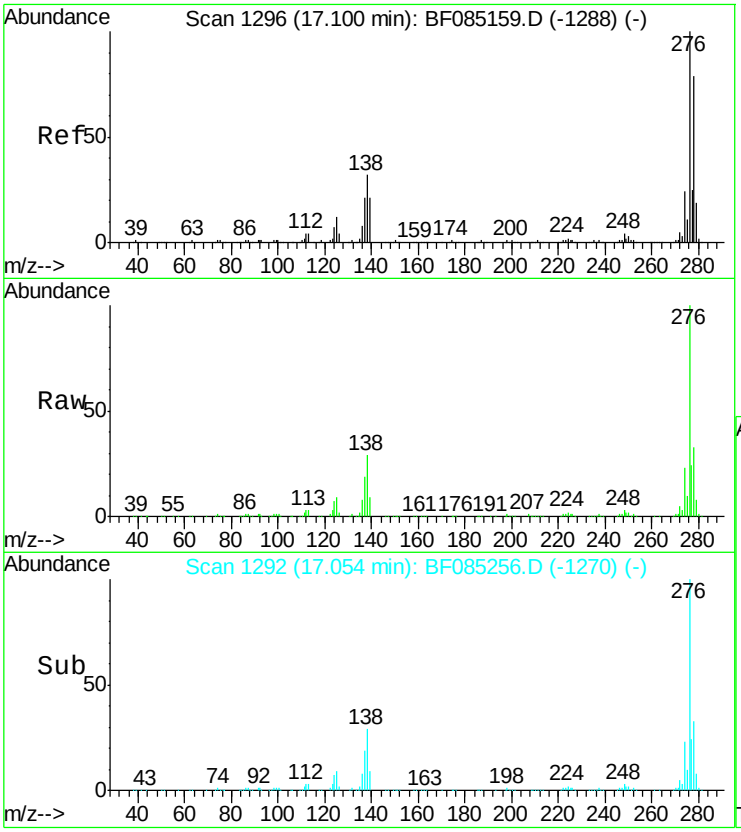


#84
Di-n-octyl phthalate
Concen: 41.86 ng
RT: 14.71 min Scan# 1087
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:149 Resp: 1157637

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.4	7.8	11.8

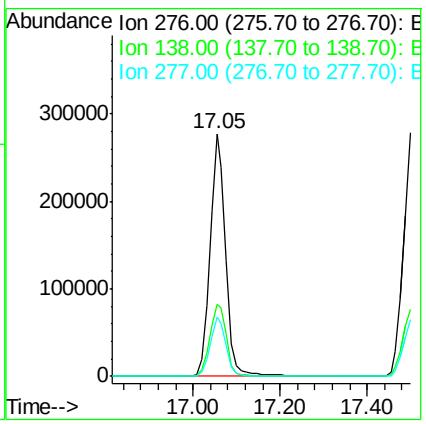




#85
Indeno(1,2,3-cd)pyrene
Concen: 40.28 ng
RT: 17.05 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

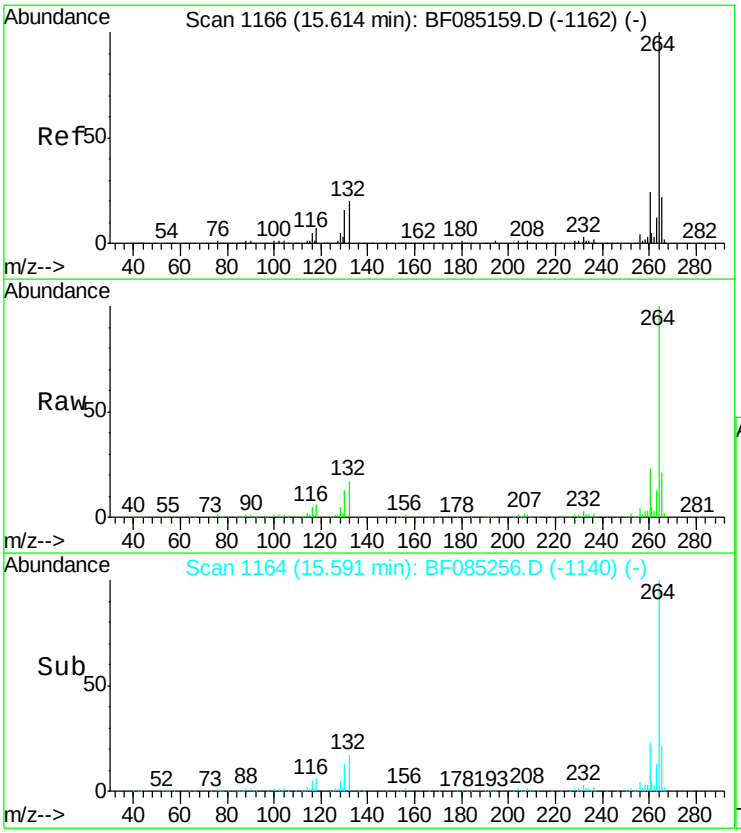
Tgt Ion:276 Resp: 702317

Ion	Ratio	Lower	Upper
276	100		
138	32.3	26.4	39.6
277	25.0	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
PB88757BS

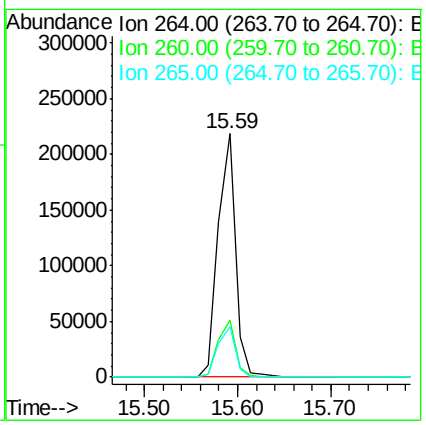
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

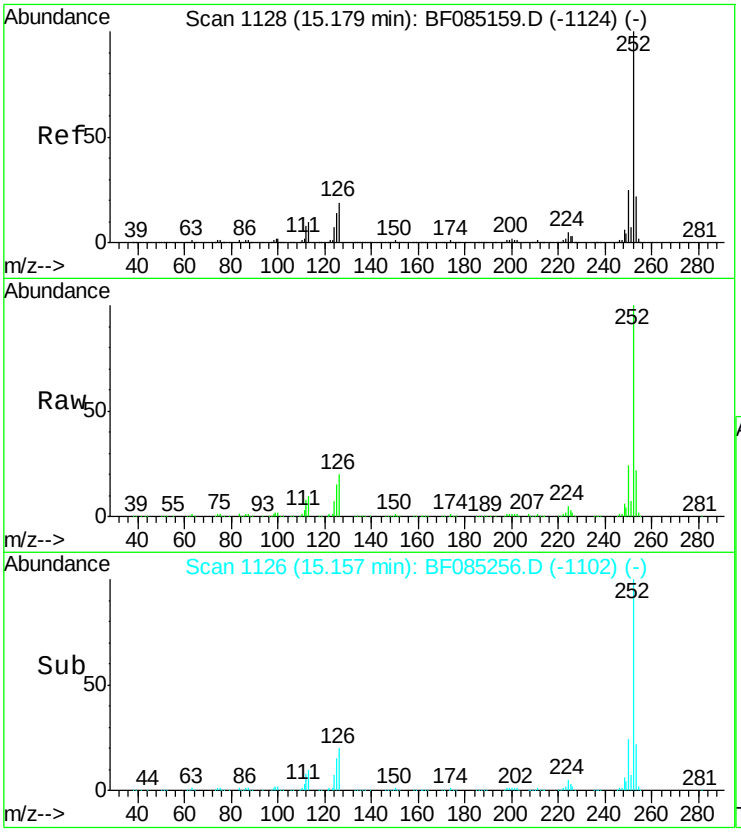


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:264 Resp: 284932

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.9	17.3	25.9

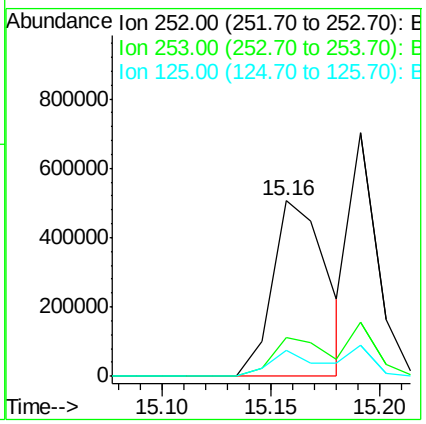




#87
Benzo(b)fluoranthene
Concen: 46.15 ng
RT: 15.16 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

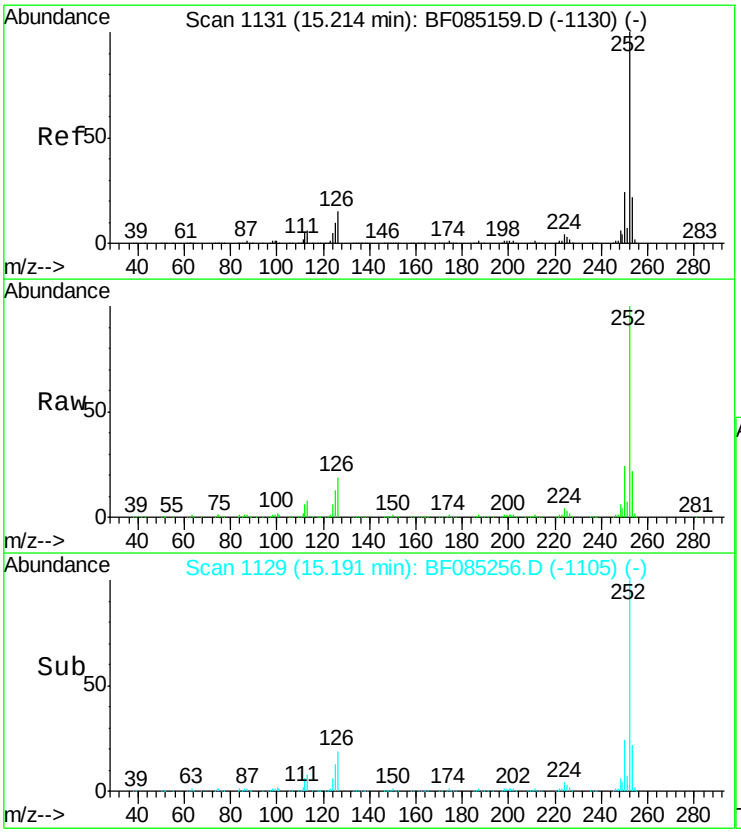
Tgt Ion:252 Resp: 876534

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	14.6	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
PB88757BS

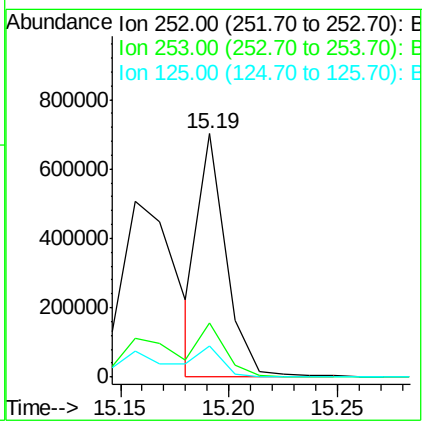
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

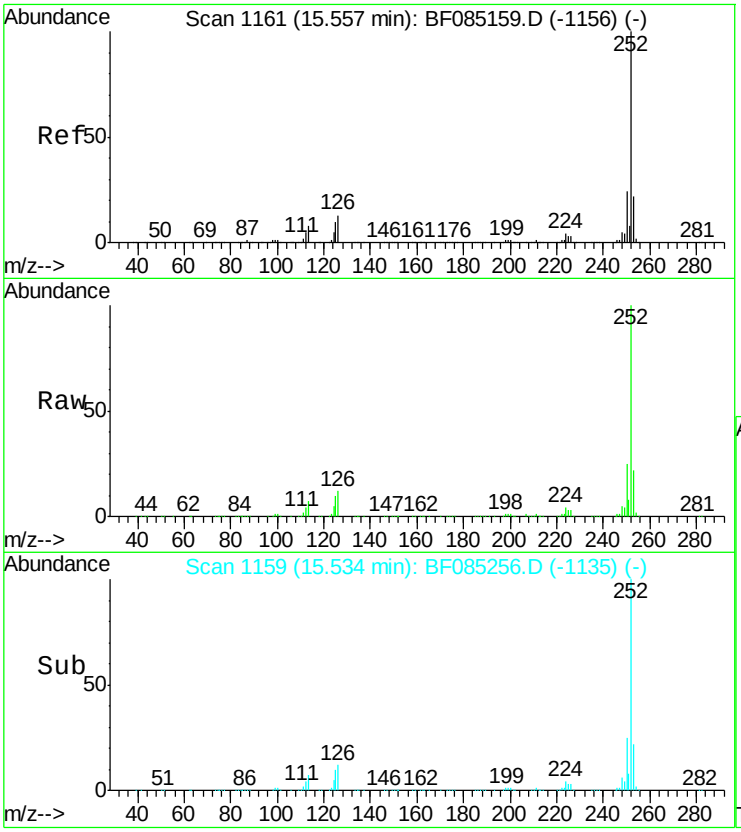


#88
Benzo(k)fluoranthene
Concen: 40.27 ng m
RT: 15.19 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:252 Resp: 616935

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	12.7	10.4	15.6

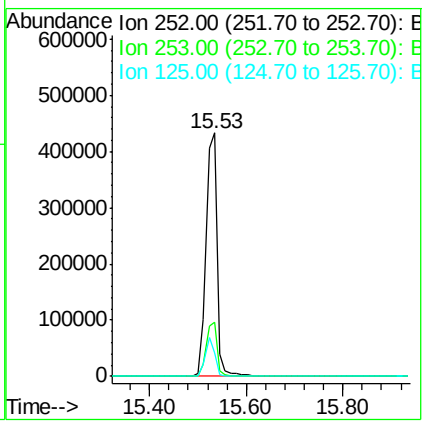




#89
Benzo(a)pyrene
Concen: 44.22 ng
RT: 15.53 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

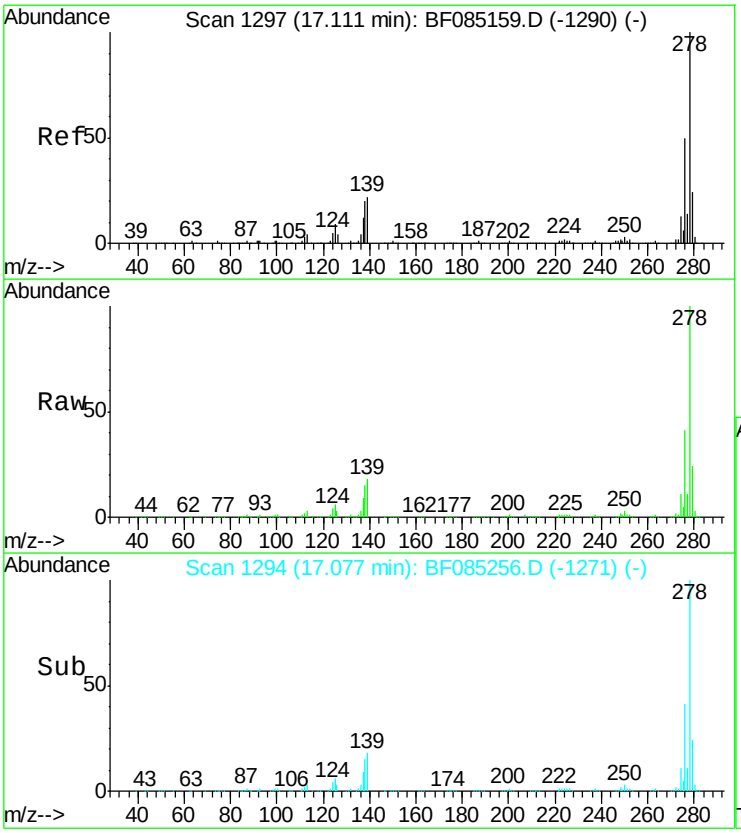
Tgt Ion:252 Resp: 695962

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.7	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB88757BS

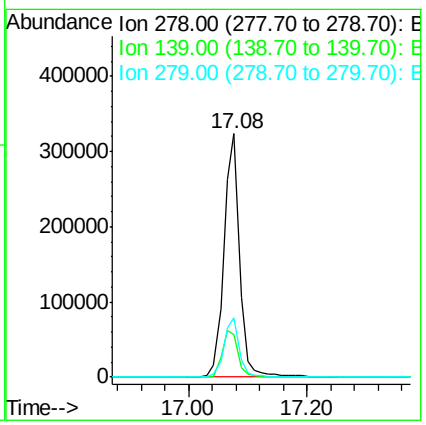
Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM

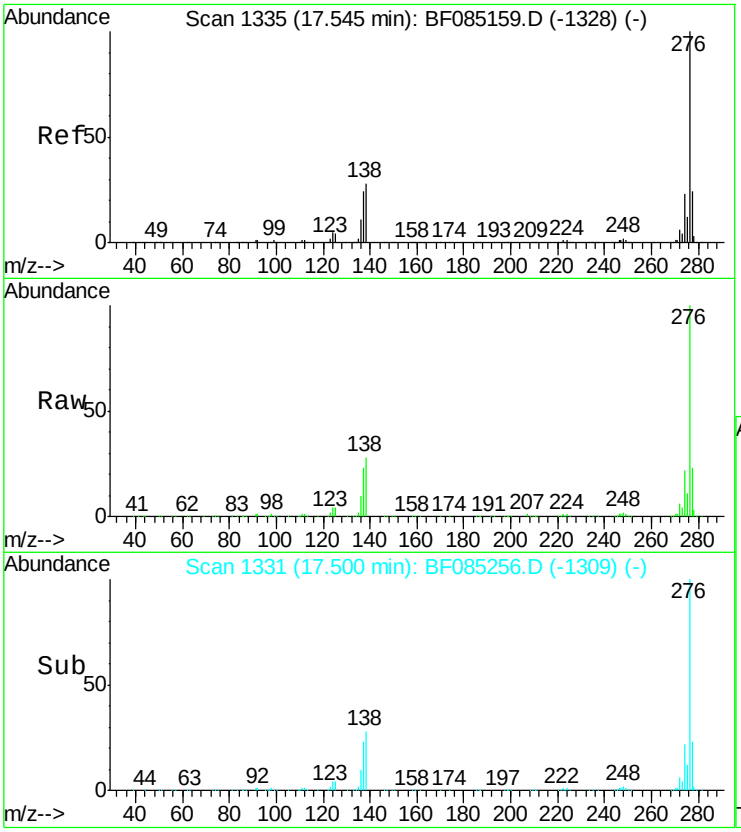


#90
Dibenzo(a,h)anthracene
Concen: 43.99 ng
RT: 17.08 min Scan# 1294
Delta R.T. -0.03 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:278 Resp: 591013

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.3	25.9
279	24.1	19.2	28.8

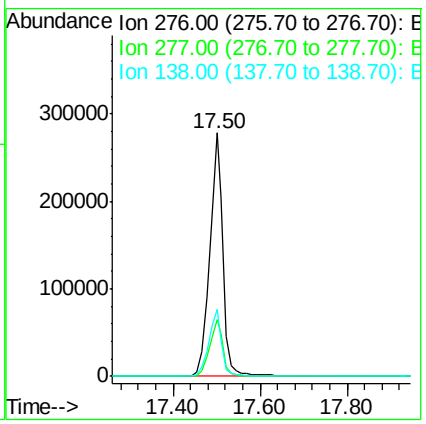




#91
Benzo(g,h,i)perylene
Concen: 44.68 ng
RT: 17.50 min Scan# 1331
Delta R.T. -0.05 min
Lab File: BF085256.D
Acq: 8 Mar 2016 15:27

Tgt Ion:276 Resp: 603507

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	27.6	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
PB88757BS

Manual Integrations APPROVED
UMANGI
3/9/2016 9:30:28 AM