Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085463.D
Acq On : 15 Mar 2016 19:29
Operator : UM/SJ
Sample : PB88908BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

Quant Time: Mar 16 04:57:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	150325	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	610021	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	289777	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	527145	20.00	ng		0.00
75) Chrysene-d12	14.08	240	350017	20.00	ng		0.00
86) Perylene-d12	15.52	264	249258	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1057504	120.93	ng		0.01
7) Phenol-d6	6.55	99	1526165	134.54	ng		0.00
23) Nitrobenzene-d5	7.48	82	893336	86.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	338055	126.66	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1670901	100.03	ng		0.00
78) Terphenyl-d14	13.03	244	1526554	98.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	141563	32.44	ng		97
3) Pyridine	3.38	79	414787	40.04	ng		96
4) n-Nitrosodimethylamine	3.33	42	184177	38.50	ng		98
6) Aniline	6.57	93	438643	28.01	ng		98
8) 2-Chlorophenol	6.70	128	449944	43.88	ng		95
9) Benzaldehyde	6.46	77	90293	14.26	ng		87
10) Phenol	6.56	94	620148	48.77	ng		99
11) bis(2-Chloroethyl)ether	6.65	93	415813	42.52	ng		94
12) 1,3-Dichlorobenzene	6.85	146	426965m	37.57	ng		
13) 1,4-Dichlorobenzene	6.93	146	441715	38.80	ng		98
14) 1,2-Dichlorobenzene	7.09	146	424063	42.45	ng		95
15) Benzyl Alcohol	7.05	79	358505	44.25	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	500641	37.60	ng		97
17) 2-Methylphenol	7.17	107	362396	42.22	ng		97
18) Hexachloroethane	7.43	117	166958	39.98	ng	#	87
19) n-Nitroso-di-n-propylamine	7.33	70	268321	39.50	ng	#	92
20) 3+4-Methylphenols	7.32	107	434072	47.17	ng	#	81
22) Acetophenone	7.33	105	563544	37.70	ng	#	98
24) Nitrobenzene	7.50	77	488496	42.02	ng		92
25) Isophorone	7.74	82	836614	39.76	ng		96
26) 2-Nitrophenol	7.82	139	229261	41.17	ng		99
27) 2,4-Dimethylphenol	7.85	122	443161	44.74	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	485825	38.62	ng		100
29) 2,4-Dichlorophenol	8.06	162	375018	46.67	ng		96
30) 1,2,4-Trichlorobenzene	8.14	180	365676	39.38	ng		99
31) Naphthalene	8.22	128	1154092	38.72	ng		99
32) Benzoic acid	7.97	122	213141	37.42	ng		98
33) 4-Chloroaniline	8.26	127	201309	15.70	ng		96
34) Hexachlorobutadiene	8.33	225	185730	38.27	ng		97
35) Caprolactam	8.64	113	121012m	46.12	ng		
36) 4-Chloro-3-methylphenol	8.76	107	416454	45.39	ng		93
37) 2-Methylnaphthalene	8.92	142	871698	46.18	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	301866	33.49	ng		99
40) Hexachlorocyclopentadiene	9.06	237	342460	78.62	ng		100

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085463.D
Acq On : 15 Mar 2016 19:29
Operator : UM/SJ
Sample : PB88908BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

Quant Time: Mar 16 04:57:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	249511	41.92	ng		98
43) 2,4,5-Trichlorophenol	9.24	196	258138	42.94	ng		94
45) 1,1'-Biphenyl	9.37	154	905413	38.28	ng		98
46) 2-Chloronaphthalene	9.41	162	747381	42.17	ng		99
47) 2-Nitroaniline	9.50	65	255644	47.64	ng	#	78
48) Acenaphthylene	9.82	152	1206806	42.09	ng		98
49) Dimethylphthalate	9.68	163	922229	43.62	ng		100
50) 2,6-Dinitrotoluene	9.74	165	181959	38.96	ng		90
51) Acenaphthene	9.99	154	792104	43.94	ng		99
52) 3-Nitroaniline	9.91	138	140454	25.15	ng		92
53) 2,4-Dinitrophenol	10.01	184	175386	69.54	ng	#	58
54) Dibenzofuran	10.16	168	1000642	45.19	ng		100
55) 4-Nitrophenol	10.07	139	290889	75.67	ng	#	75
56) 2,4-Dinitrotoluene	10.15	165	262563	44.82	ng	#	69
57) Fluorene	10.50	166	784002	44.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	183705	44.50	ng		98
59) Diethylphthalate	10.38	149	868132	42.42	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	351120	38.70	ng		98
61) 4-Nitroaniline	10.53	138	236975	45.13	ng		93
62) Azobenzene	10.65	77	902767	44.42	ng		98
64) 4,6-Dinitro-2-methylphenol	10.55	198	119104	37.82	ng	#	54
65) n-Nitrosodiphenylamine	10.62	169	742992	45.74	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	220987	41.42	ng		96
67) Hexachlorobenzene	11.05	284	236019	42.87	ng	#	93
68) Atrazine	11.14	200	239251	51.47	ng		96
69) Pentachlorophenol	11.25	266	250939	86.00	ng		99
70) Phenanthrene	11.46	178	1074985	39.15	ng		99
71) Anthracene	11.52	178	1262992	45.16	ng		99
72) Carbazole	11.67	167	1017200	42.99	ng		99
73) Di-n-butylphthalate	12.00	149	1326220	45.24	ng		99
74) Fluoranthene	12.65	202	1162019	45.02	ng		100
76) Benzidine	12.77	184	391614	36.02	ng		99
77) Pyrene	12.88	202	1184832	45.13	ng		99
79) Butylbenzylphthalate	13.50	149	524876	45.73	ng	#	78
80) Benzo(a)anthracene	14.07	228	864216	43.07	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	120921	17.80	ng		99
82) Chrysene	14.11	228	779631	43.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	622764	44.48	ng	#	96
84) Di-n-octyl phthalate	14.67	149	923961	45.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.97	276	676192	39.52	ng		97
87) Benzo(b)fluoranthene	15.11	252	731794	44.95	ng	#	94
88) Benzo(k)fluoranthene	15.13	252	569443m	44.66	ng		
89) Benzo(a)pyrene	15.47	252	606787	43.15	ng	#	96
90) Dibenzo(a,h)anthracene	16.99	278	566336	41.22	ng		97
91) Benzo(g,h,i)perylene	17.41	276	564066	40.20	ng		97

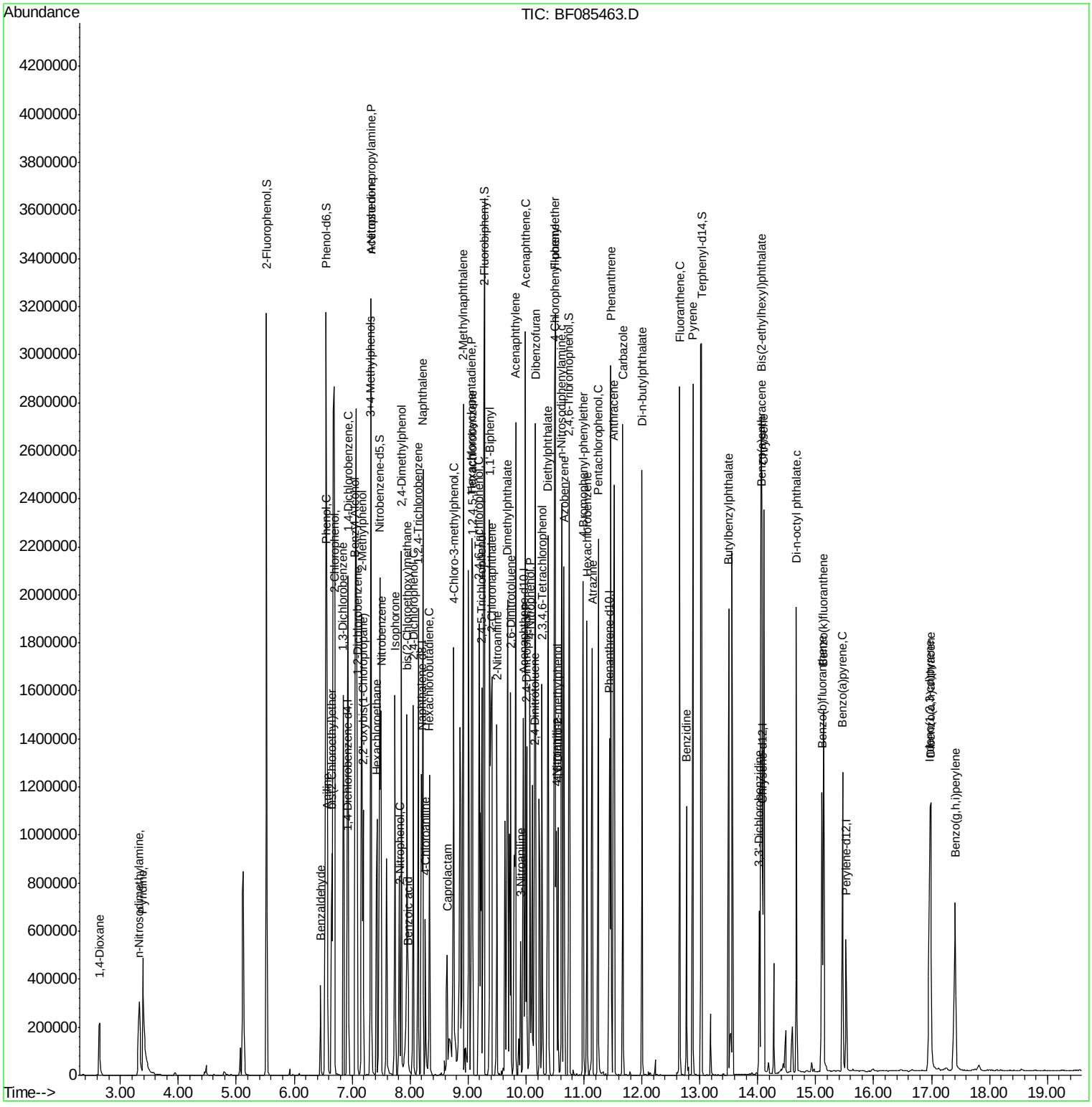
(#) = qualifier out of range (m) = manual integration (+) = signals summed

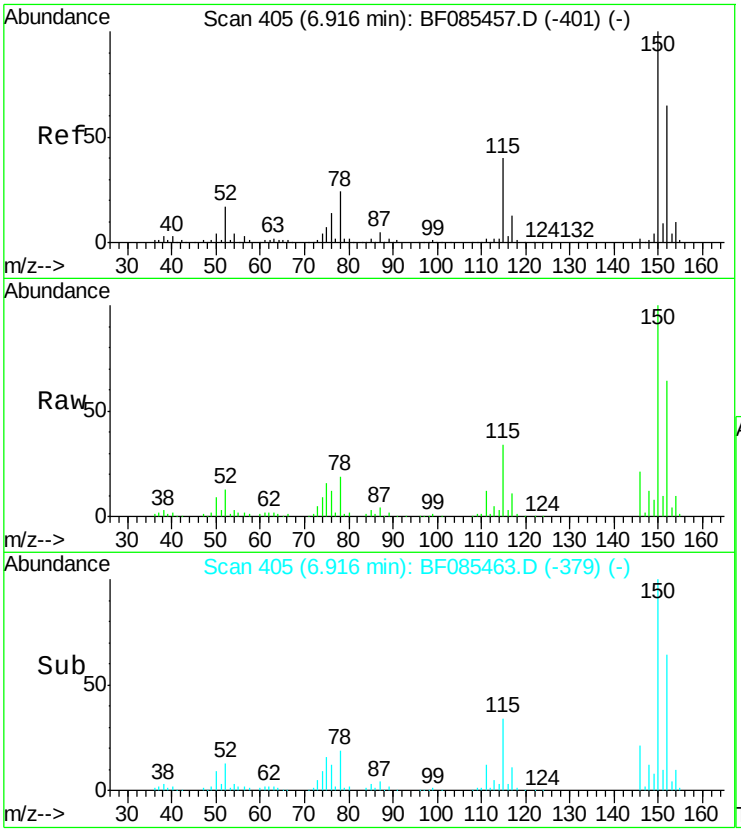
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085463.D
Acq On : 15 Mar 2016 19:29
Operator : UM/SJ
Sample : PB88908BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 16 04:57:33 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

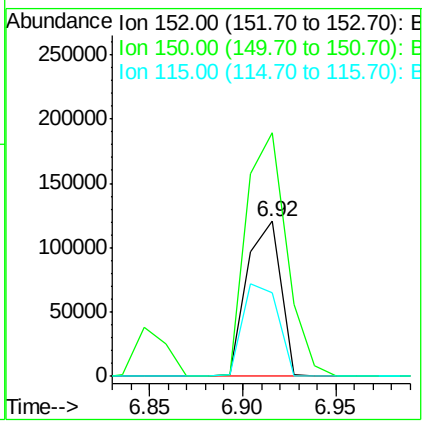




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 405
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

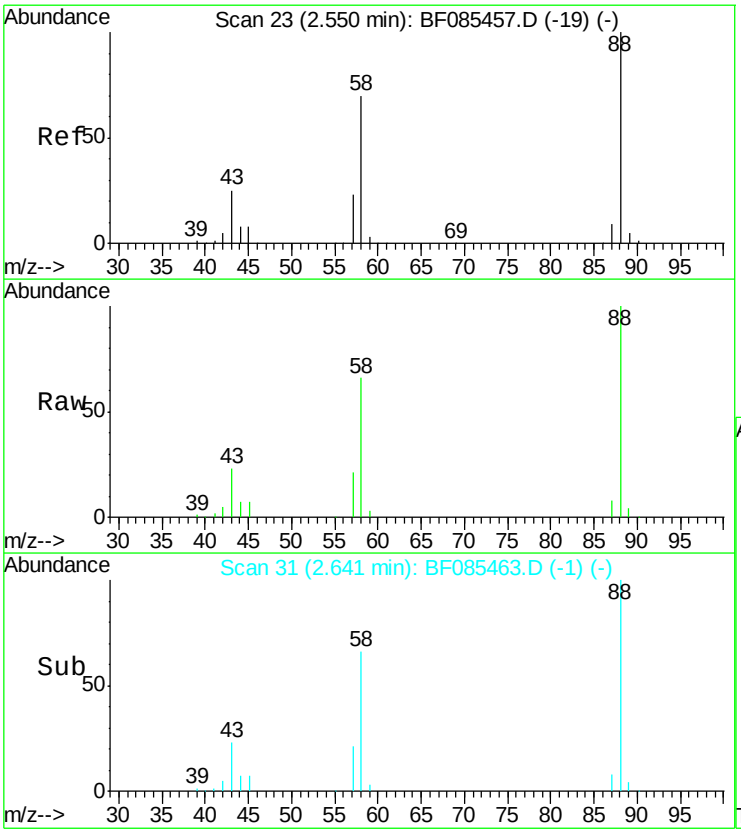
Tgt Ion:152 Resp: 150325

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.6	186.8
115	54.1	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
PB88908BS

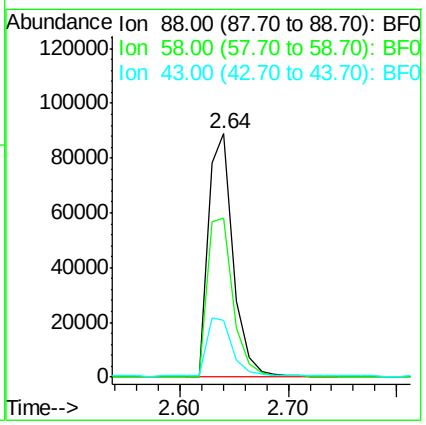
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

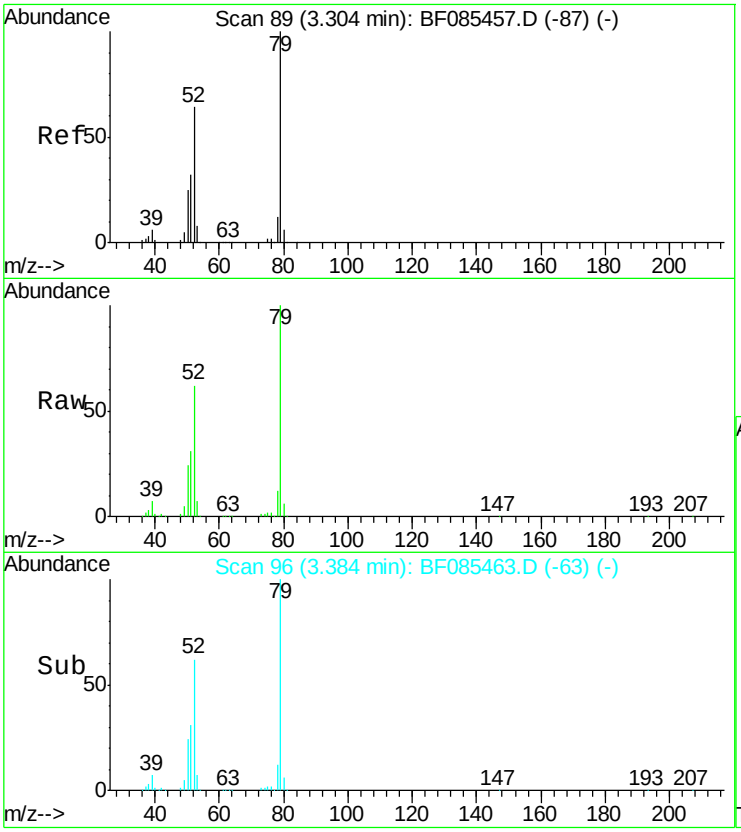


#2
1,4-Dioxane
Concen: 32.44 ng
RT: 2.64 min Scan# 31
Delta R.T. 0.09 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 88 Resp: 141563

Ion	Ratio	Lower	Upper
88	100		
58	68.2	57.0	85.6
43	25.0	20.5	30.7

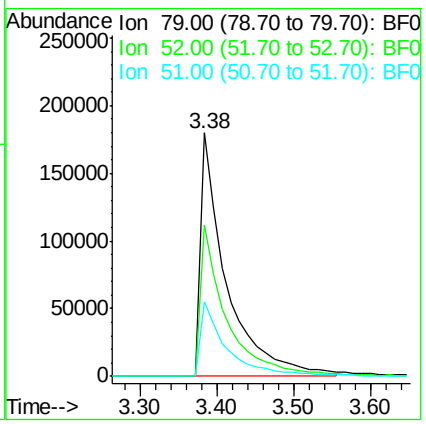




#3
Pyridine
Concen: 40.04 ng
RT: 3.38 min Scan# 96
Delta R.T. 0.08 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

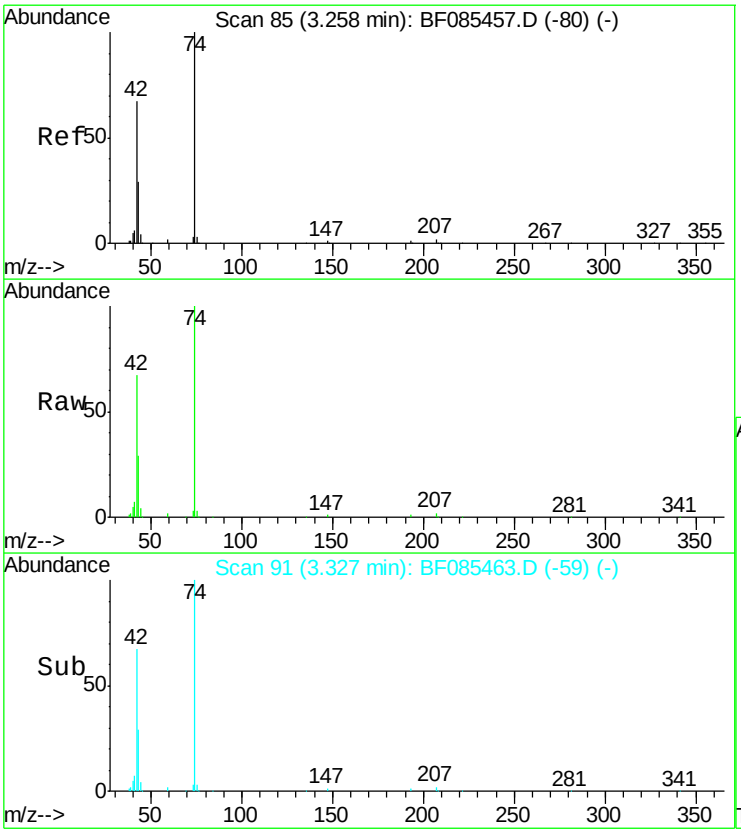
Tgt Ion: 79 Resp: 414787

Ion	Ratio	Lower	Upper
79	100		
52	62.0	52.6	79.0
51	30.8	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
PB88908BS

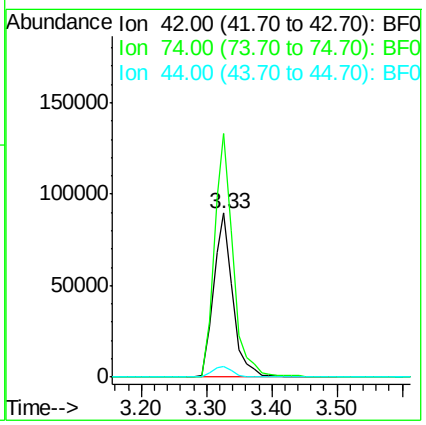
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

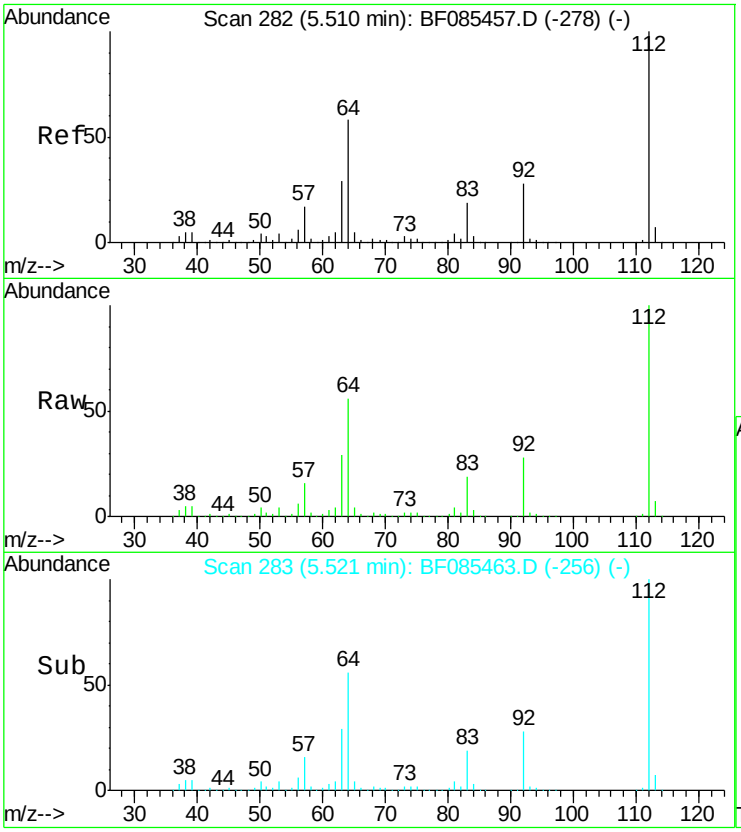


#4
n-Nitrosodimethylamine
Concen: 38.50 ng
RT: 3.33 min Scan# 91
Delta R.T. 0.07 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 42 Resp: 184177

Ion	Ratio	Lower	Upper
42	100		
74	148.4	116.8	175.2
44	6.6	5.5	8.3

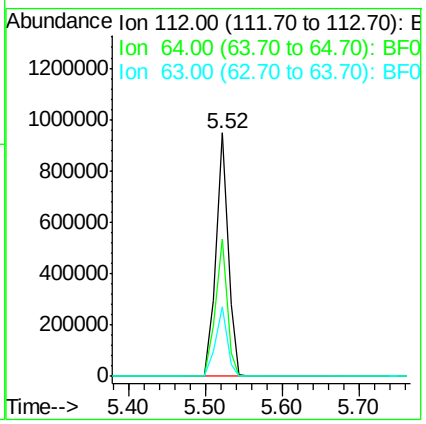




#5
2-Fluorophenol
Concen: 120.93 ng
RT: 5.52 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

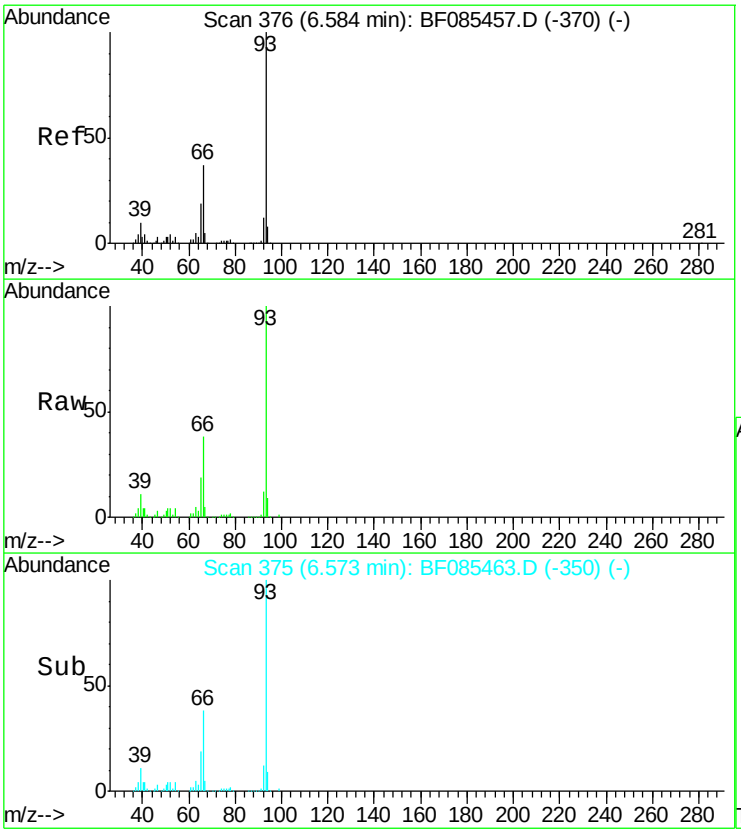
Tgt Ion:112 Resp: 1057504

Ion	Ratio	Lower	Upper
112	100		
64	56.3	49.0	73.4
63	28.5	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
PB88908BS

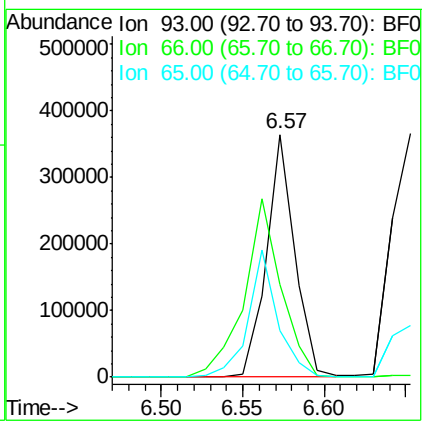
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

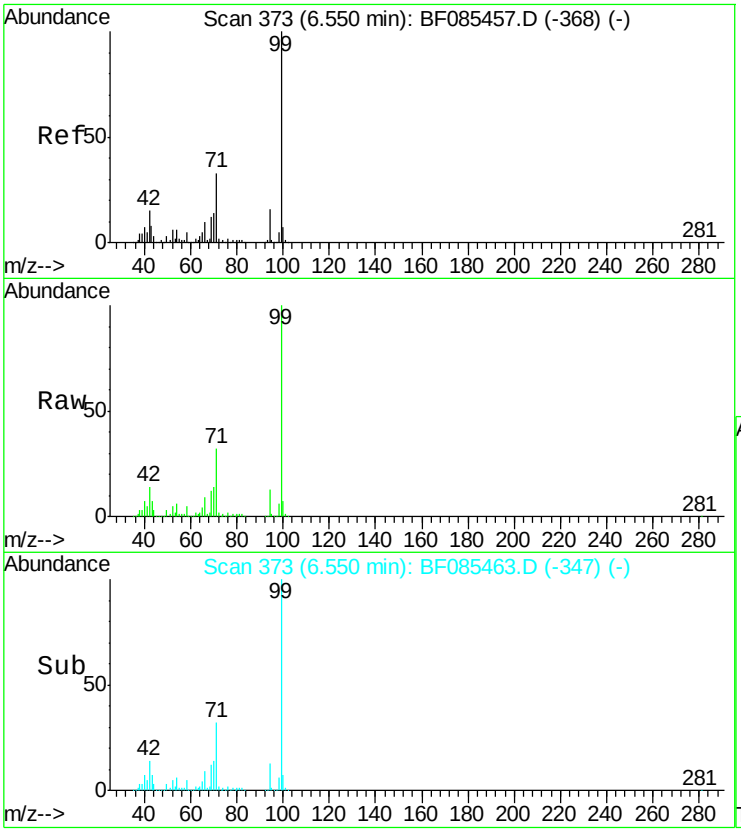


#6
Aniline
Concen: 28.01 ng
RT: 6.57 min Scan# 375
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 93 Resp: 438643

Ion	Ratio	Lower	Upper
93	100		
66	38.1	31.6	47.4
65	19.0	15.8	23.8

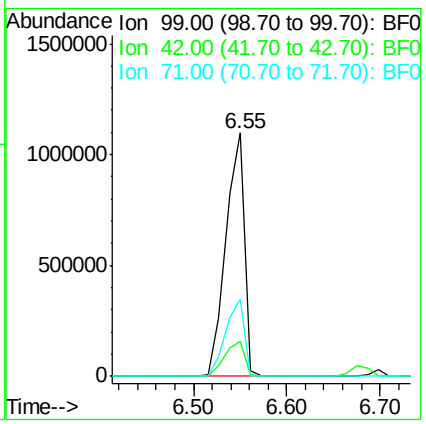




#7
Phenol-d6
Concen: 134.54 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

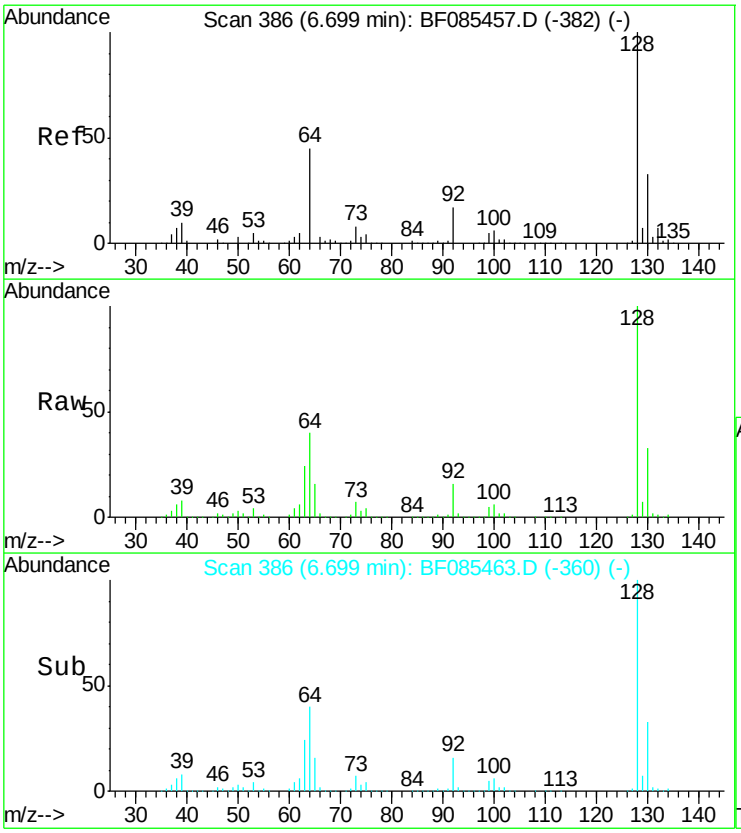
Tgt Ion: 99 Resp: 1526165

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.6	20.4
71	31.6	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
PB88908BS

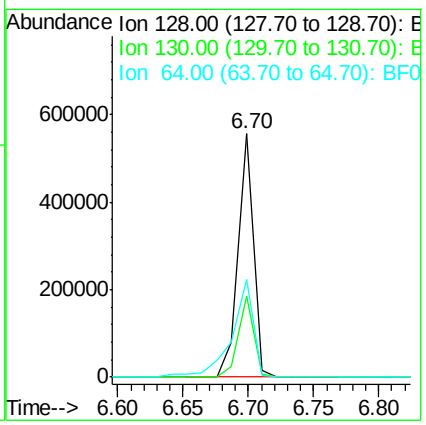
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

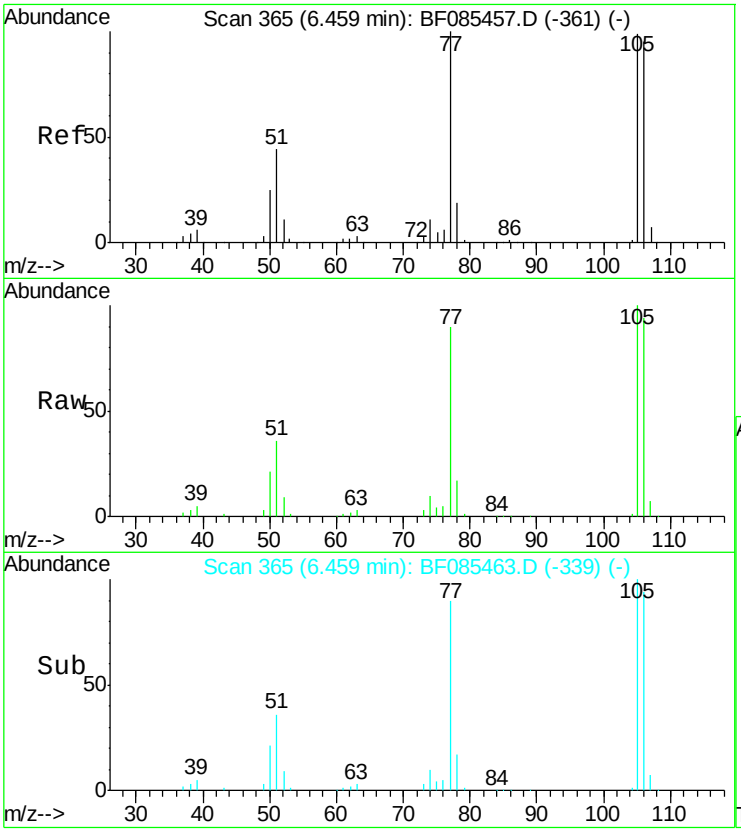


#8
2-Chlorophenol
Concen: 43.88 ng
RT: 6.70 min Scan# 386
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:128 Resp: 449944

Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.3	53.3
64	40.3	25.7	65.7

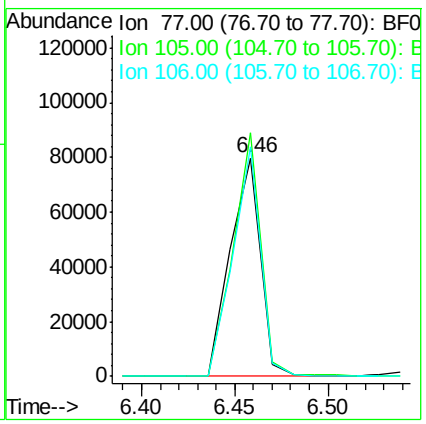




#9
Benzaldehyde
Concen: 14.26 ng
RT: 6.46 min Scan# 365
Delta R.T. 0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

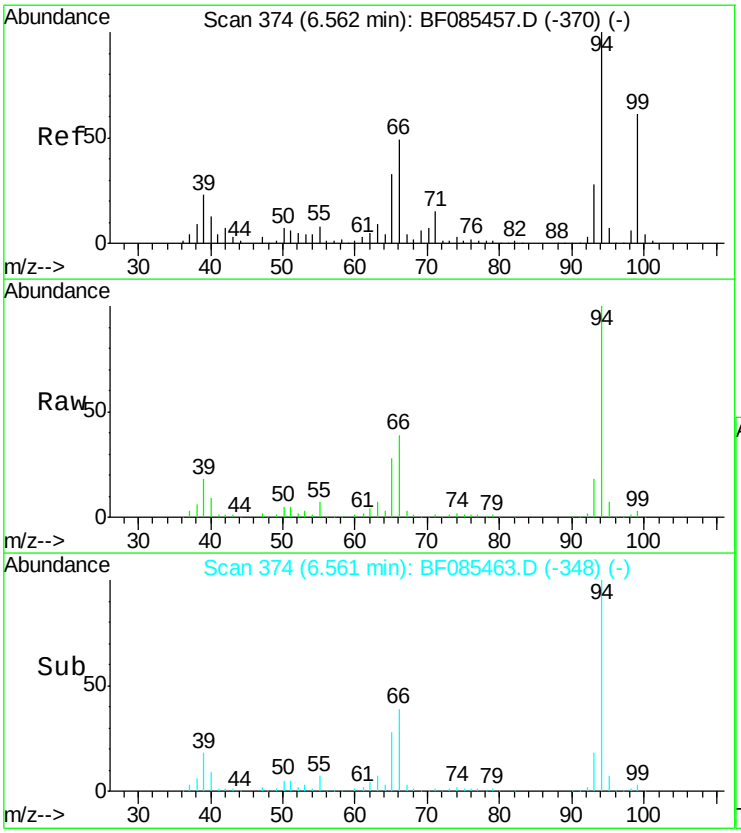
Tgt Ion: 77 Resp: 90293

Ion	Ratio	Lower	Upper
77	100		
105	111.5	78.2	118.2
106	105.3	72.9	112.9



Instrument :
BNA_F
ClientSampleId :
PB88908BS

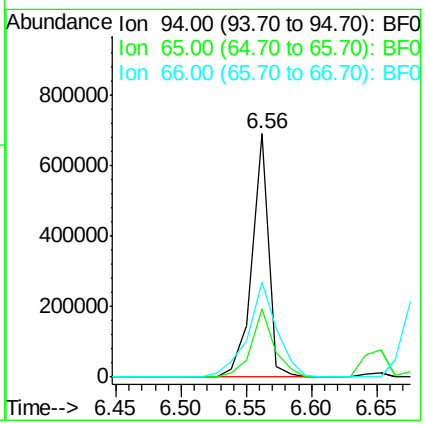
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

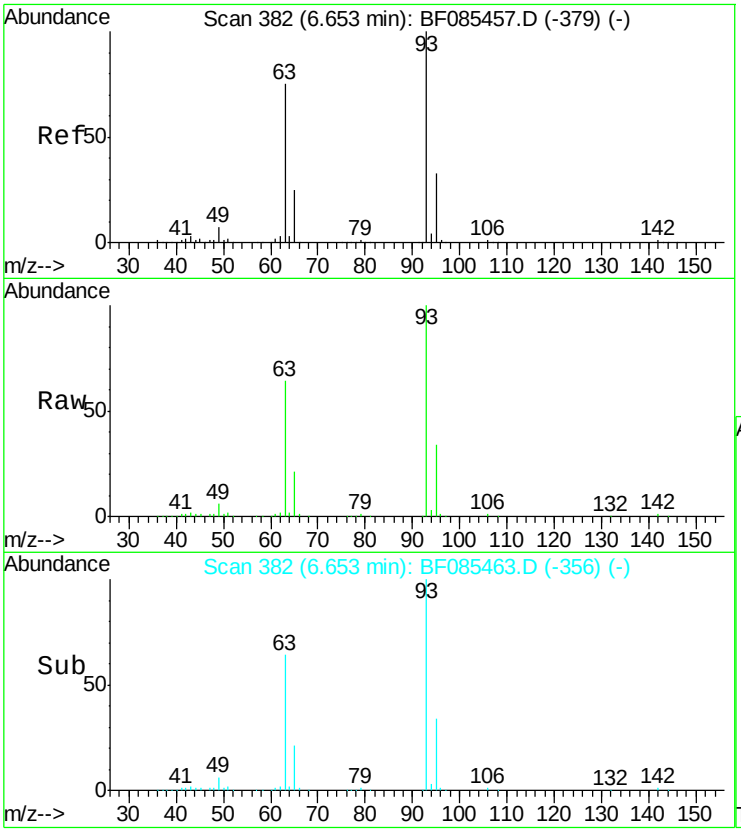


#10
Phenol
Concen: 48.77 ng
RT: 6.56 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 94 Resp: 620148

Ion	Ratio	Lower	Upper
94	100		
65	27.8	9.1	49.1
66	39.0	19.3	59.3

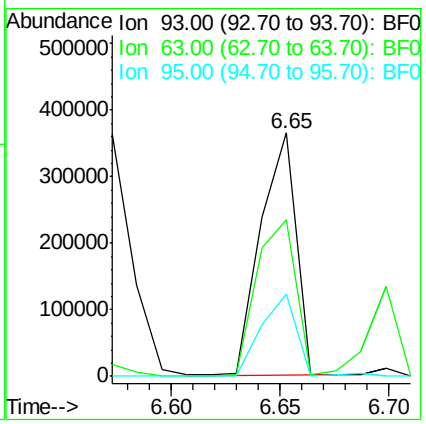




#11
bis(2-Chloroethyl)ether
Concen: 42.52 ng
RT: 6.65 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

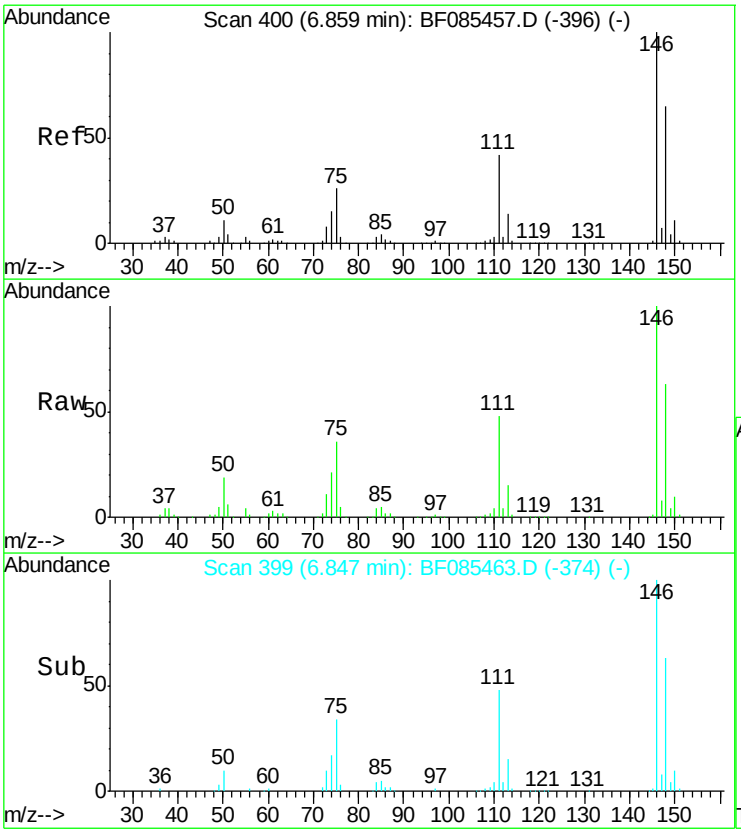
Tgt Ion: 93 Resp: 415813

Ion	Ratio	Lower	Upper
93	100		
63	64.1	50.9	90.9
95	33.7	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
PB88908BS

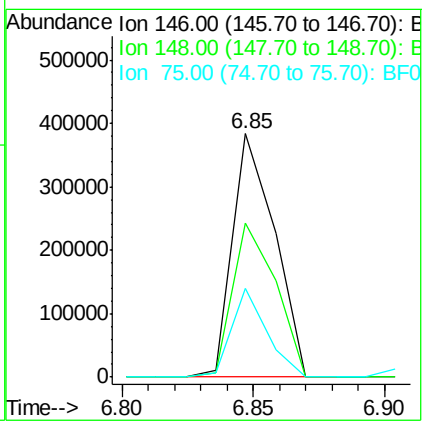
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

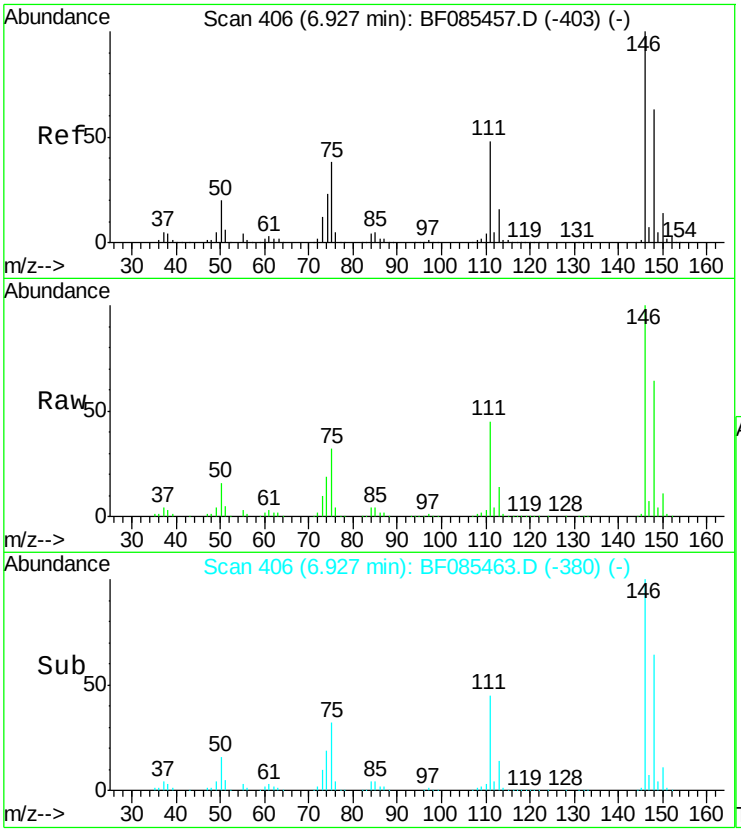


#12
1,3-Dichlorobenzene
Concen: 37.57 ng m
RT: 6.85 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:146 Resp: 426965

Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.1	78.1
75	36.3	19.5	29.3#

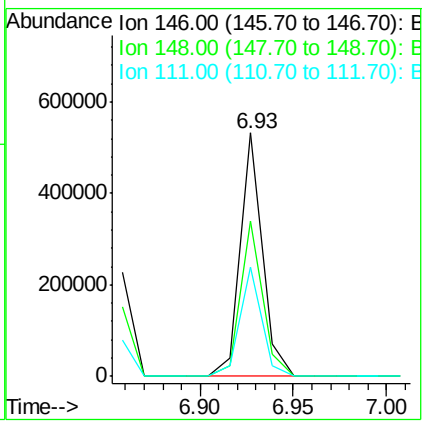




#13
1,4-Dichlorobenzene
Concen: 38.80 ng
RT: 6.93 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

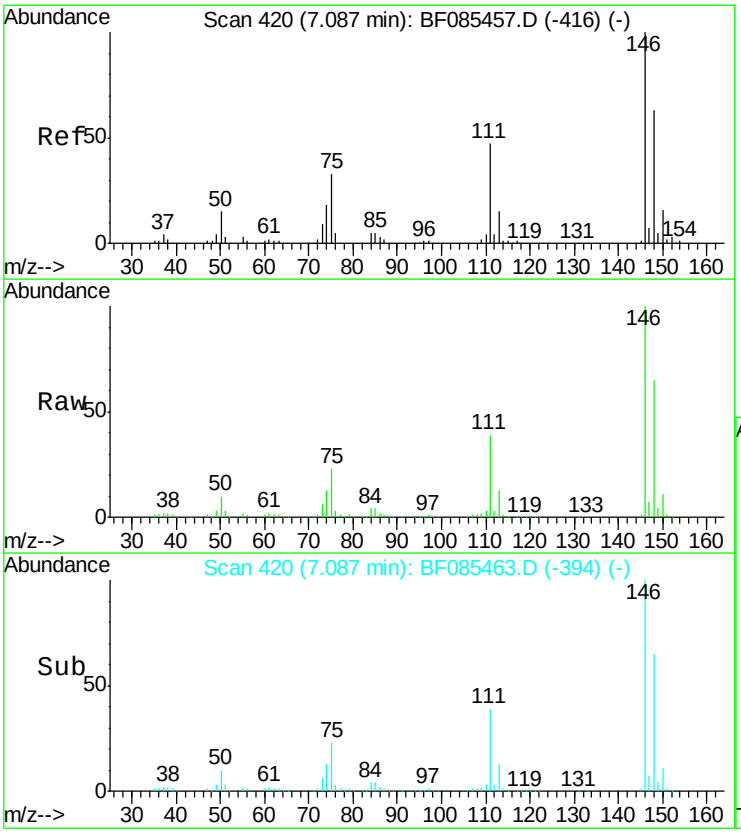
Tgt Ion:146 Resp: 441715

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	44.7	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
PB88908BS

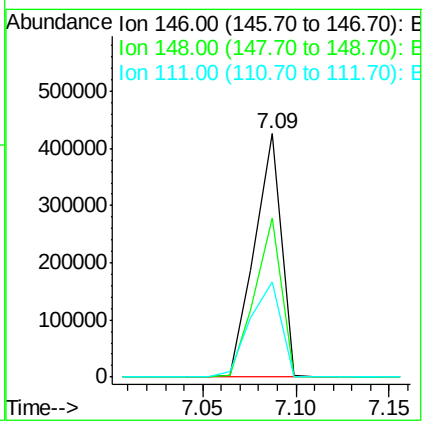
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

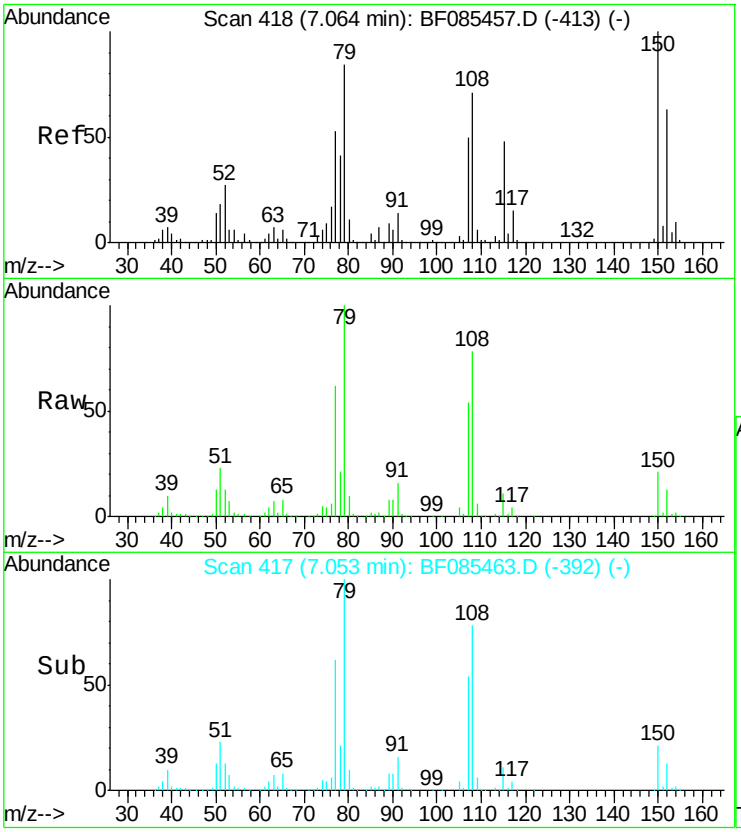


#14
1,2-Dichlorobenzene
Concen: 42.45 ng
RT: 7.09 min Scan# 420
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:146 Resp: 424063

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.2
111	39.2	36.7	55.1

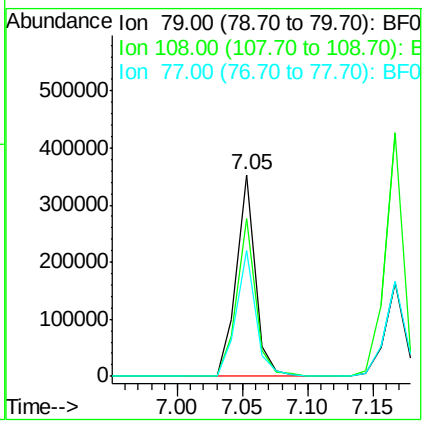




#15
Benzyl Alcohol
Concen: 44.25 ng
RT: 7.05 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

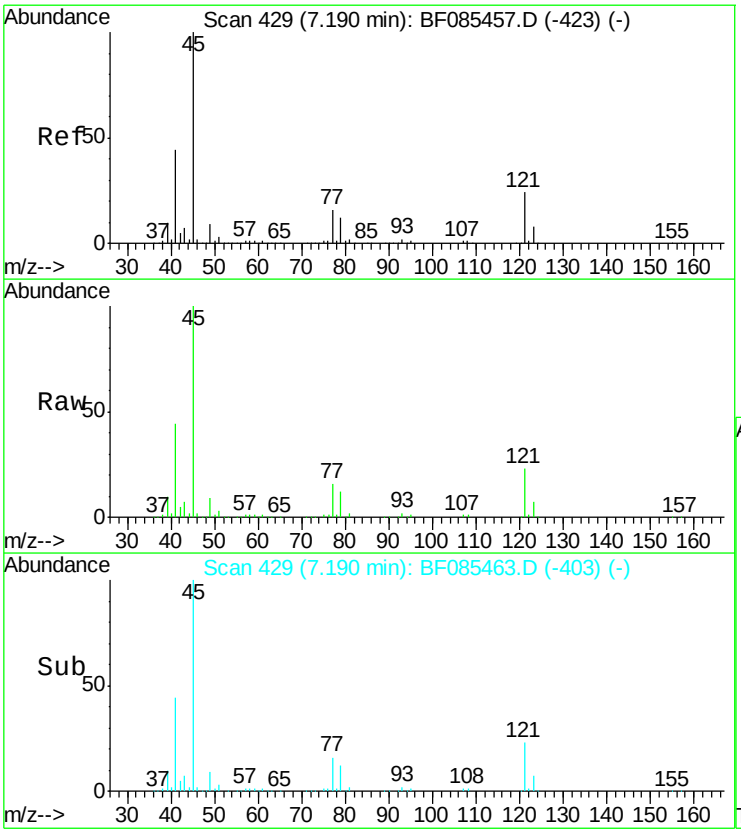
Tgt Ion: 79 Resp: 358505

Ion	Ratio	Lower	Upper
79	100		
108	78.2	62.9	94.3
77	62.4	49.5	74.3



Instrument :
BNA_F
ClientSampleId :
PB88908BS

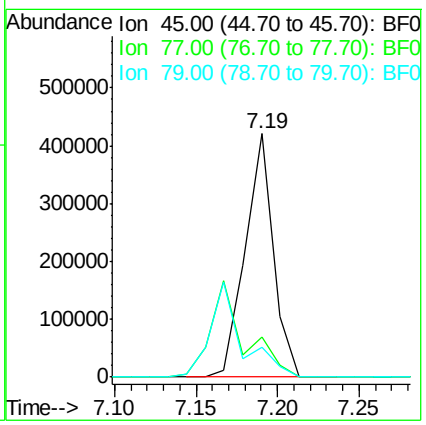
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

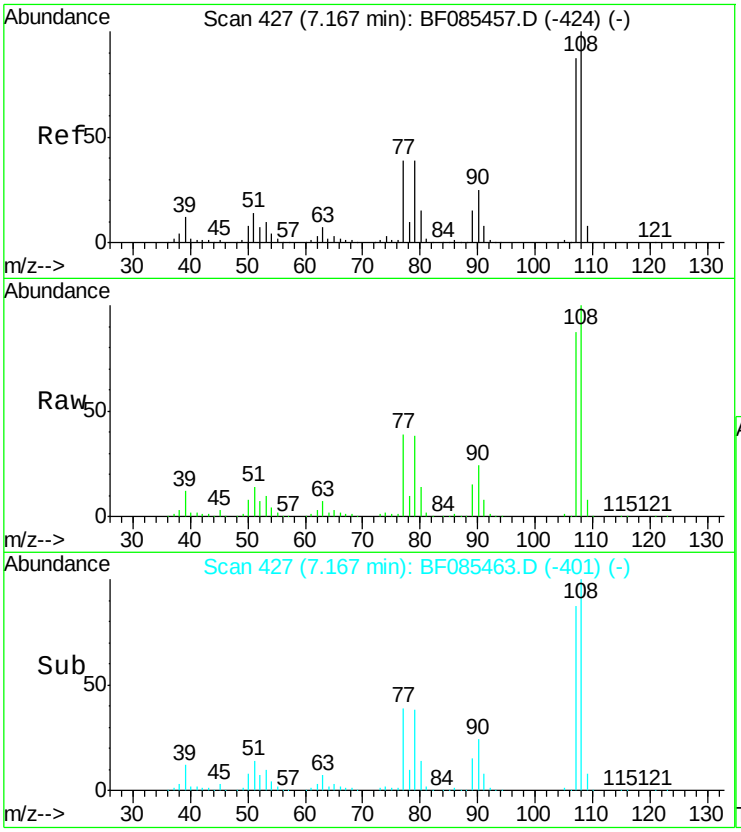


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.60 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 45 Resp: 500641

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	35.1
79	12.3	0.0	31.3

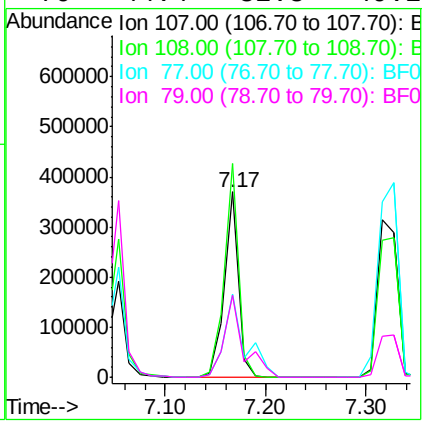




#17
2-Methylphenol
Concen: 42.22 ng
RT: 7.17 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

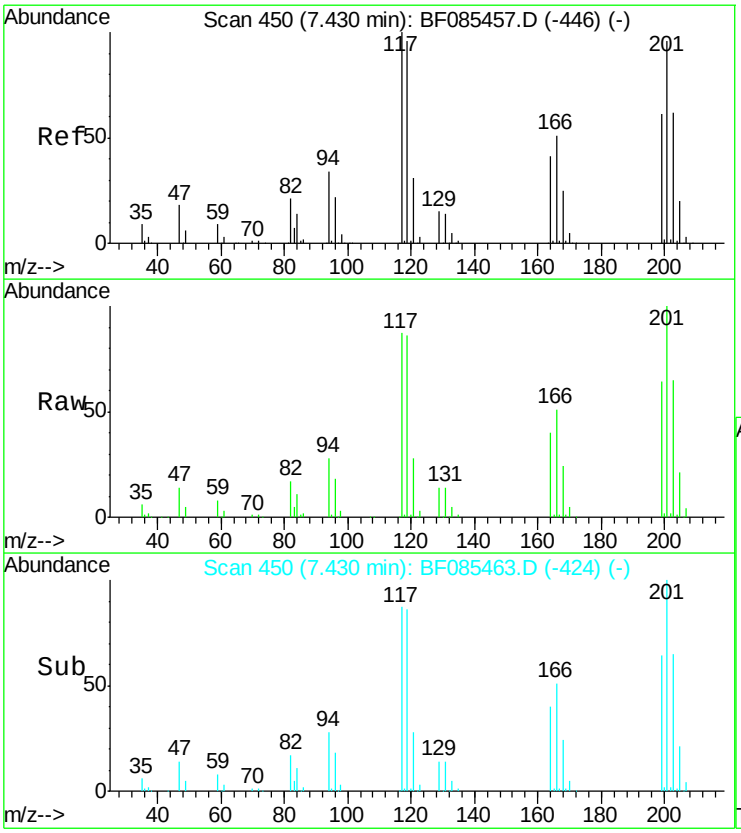
Tgt Ion:107 Resp: 362396

Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.9	136.3
77	45.0	32.6	48.8
79	44.4	32.8	49.2



Instrument :
BNA_F
ClientSampleId :
PB88908BS

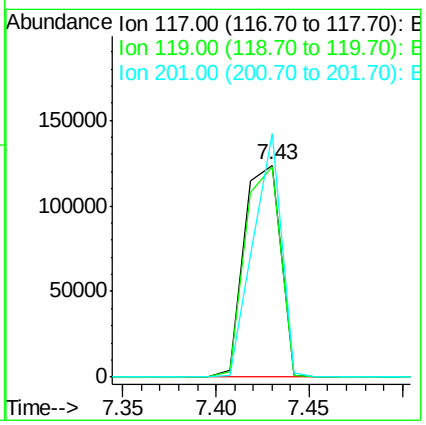
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

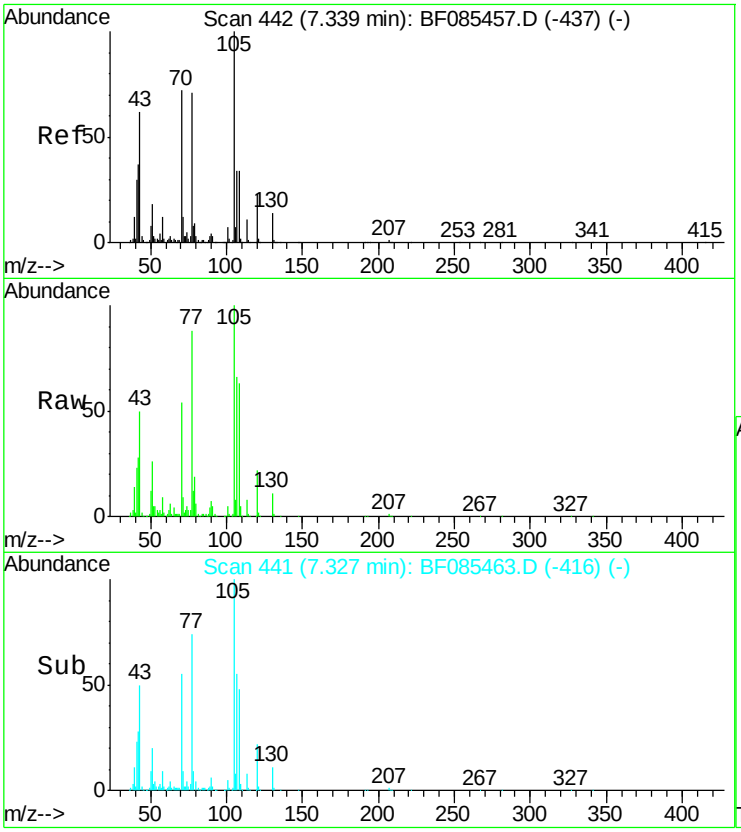


#18
Hexachloroethane
Concen: 39.98 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:117 Resp: 166958

Ion	Ratio	Lower	Upper
117	100		
119	99.2	78.2	117.4
201	114.8	72.0	108.0#

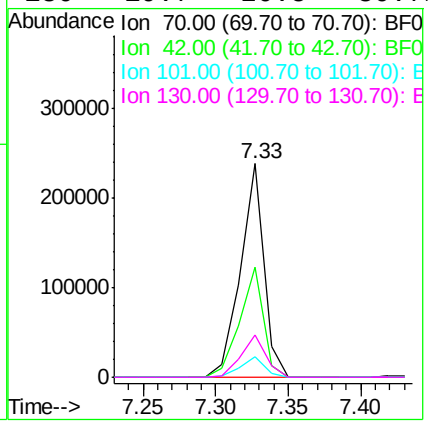




#19
n-Nitroso-di-n-propylamine
Concen: 39.50 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

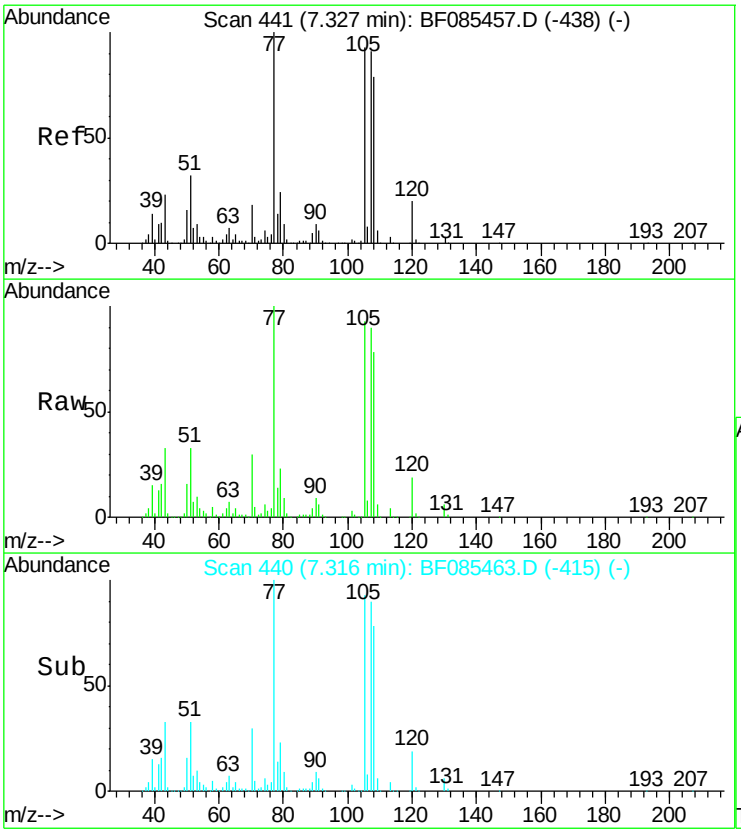
Tgt Ion: 70 Resp: 268321

Ion	Ratio	Lower	Upper
70	100		
42	51.7	37.7	56.5
101	9.5	8.2	12.4
130	19.7	20.5	30.7#



Instrument :
BNA_F
ClientSampleId :
PB88908BS

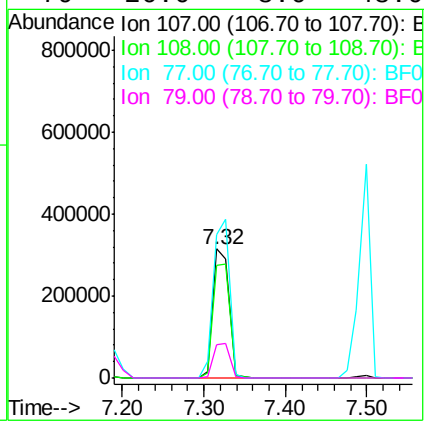
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

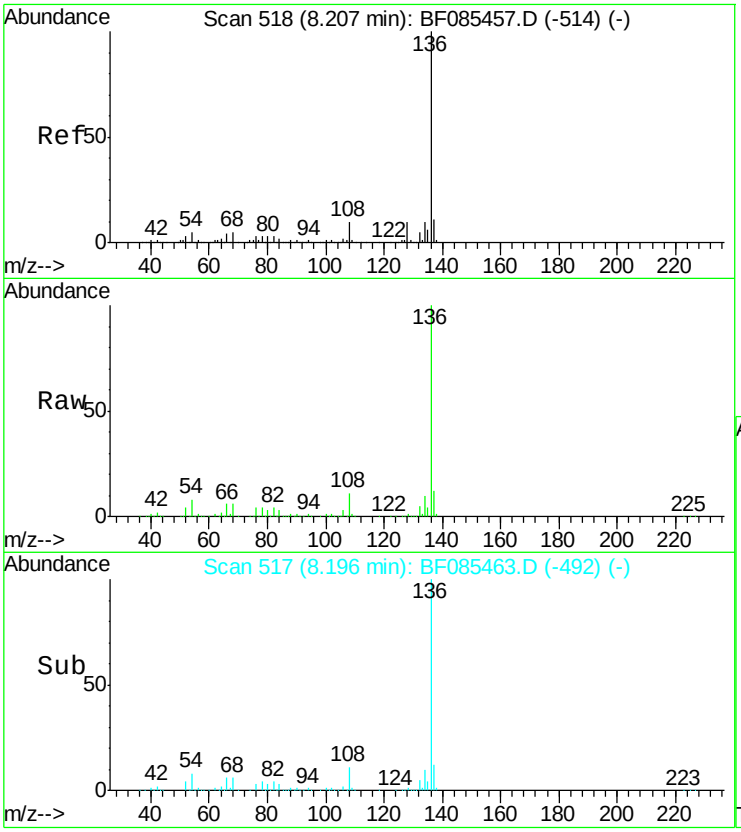


#20
3+4-Methylphenols
Concen: 47.17 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:107 Resp: 434072

Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.8	108.8
77	111.1	53.6	93.6#
79	26.0	8.0	48.0

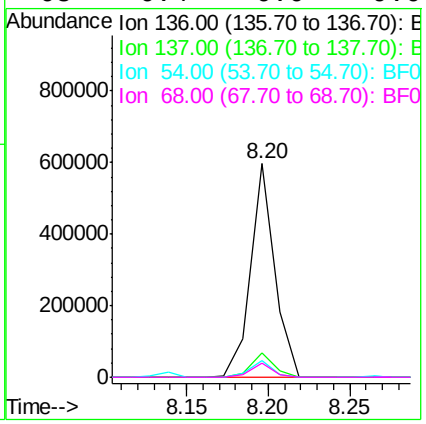




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

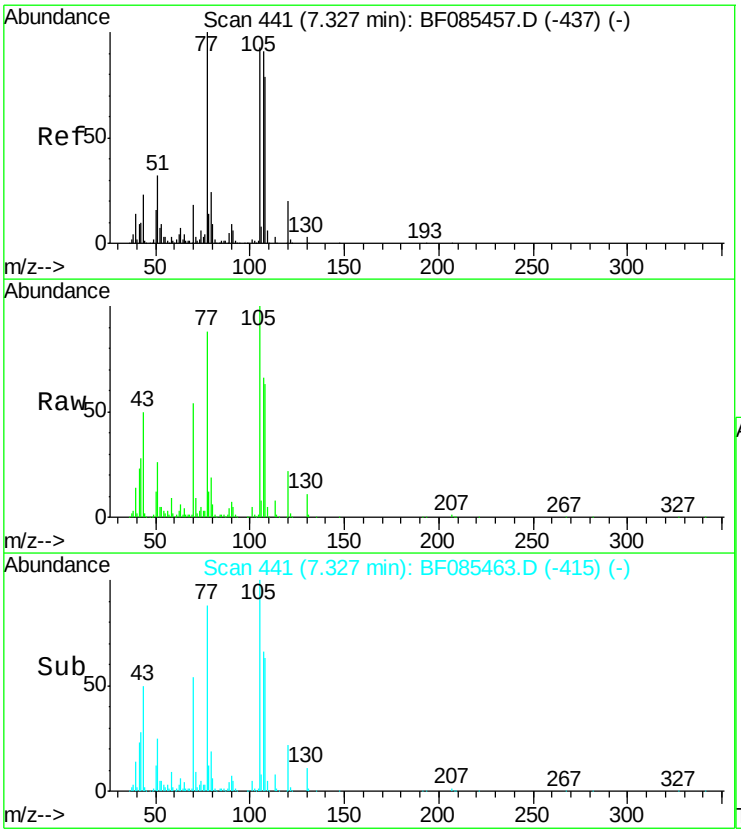
Tgt Ion:136 Resp: 610021

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	8.0	7.4	11.2
68	6.4	6.0	9.0



Instrument :
BNA_F
ClientSampleId :
PB88908BS

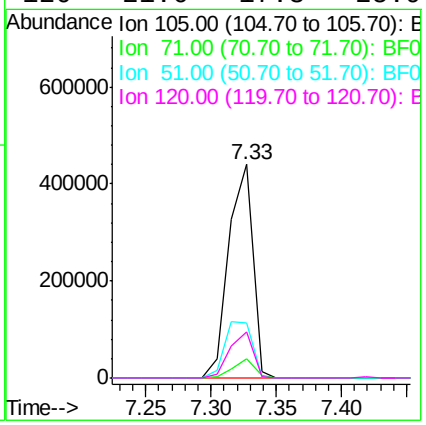
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

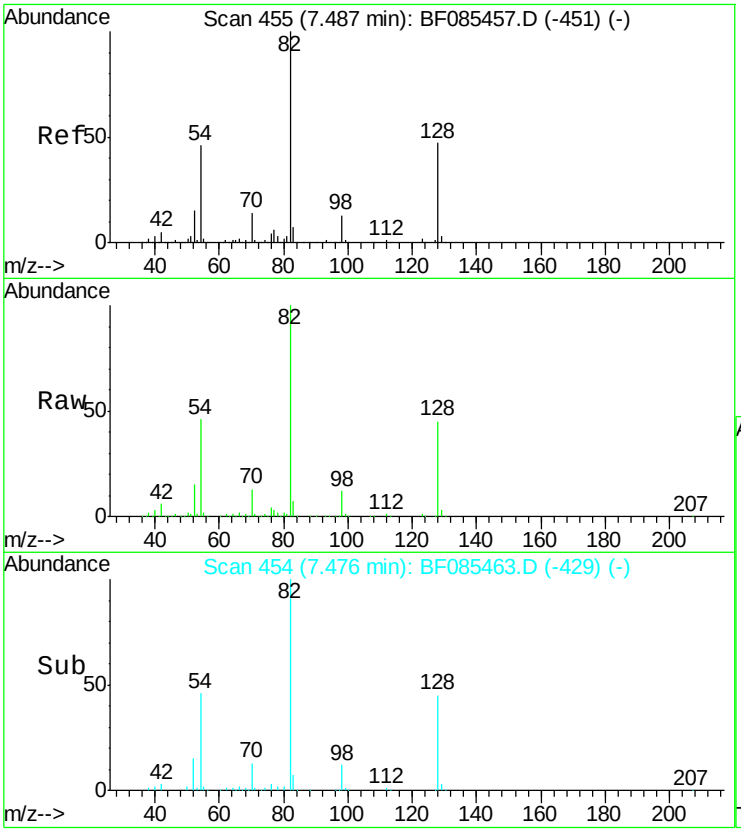


#22
Acetophenone
Concen: 37.70 ng
RT: 7.33 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:105 Resp: 563544

Ion	Ratio	Lower	Upper
105	100		
71	9.0	4.1	6.1#
51	25.6	21.1	31.7
120	21.6	17.3	25.9

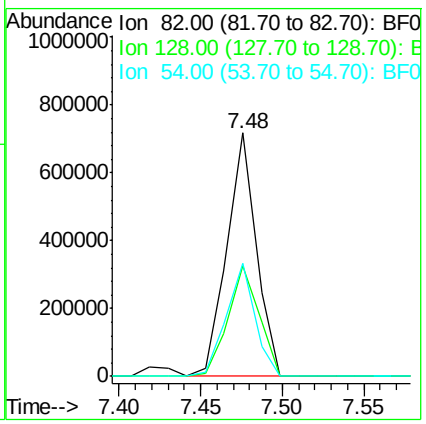




#23
Nitrobenzene-d5
Concen: 86.59 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

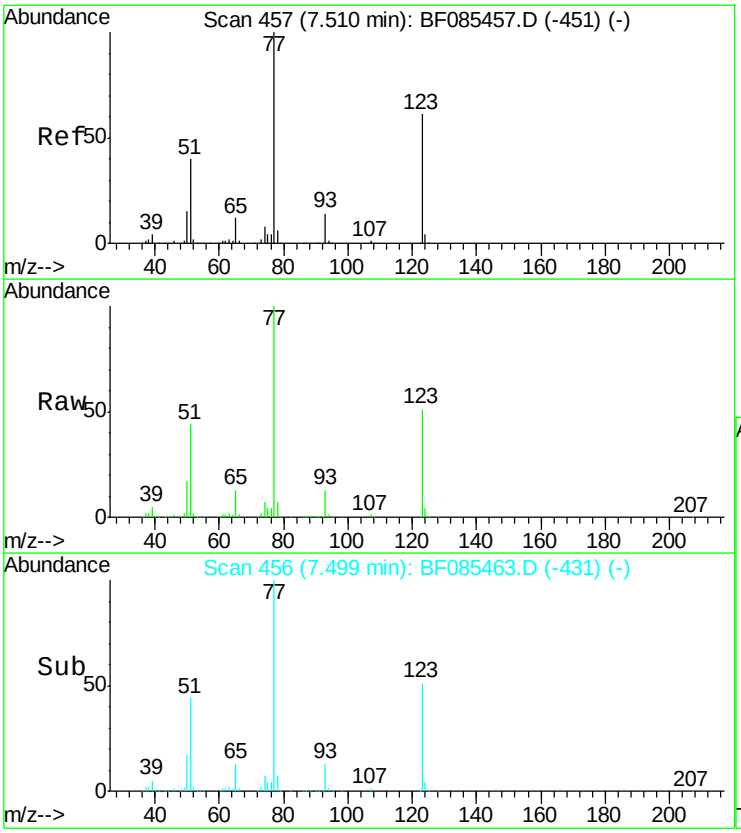
Tgt Ion: 82 Resp: 893336

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.5	51.7
54	46.3	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
PB88908BS

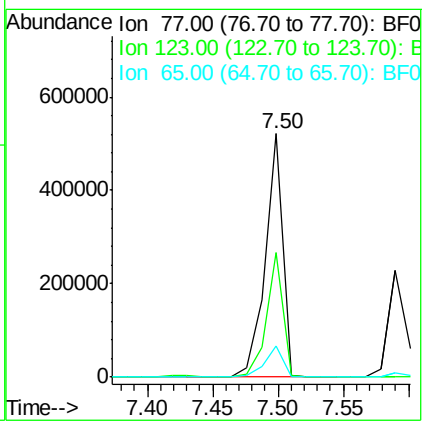
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

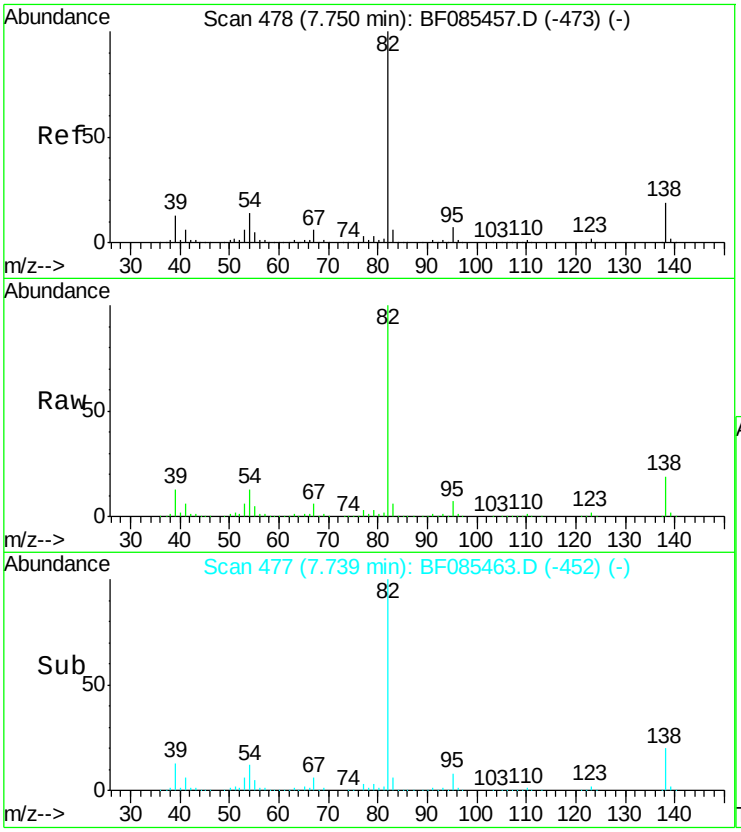


#24
Nitrobenzene
Concen: 42.02 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 77 Resp: 488496

Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.4	53.2
65	13.0	10.6	16.0

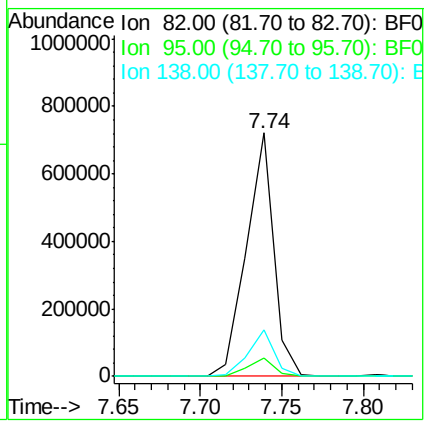




#25
Isophorone
Concen: 39.76 ng
RT: 7.74 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

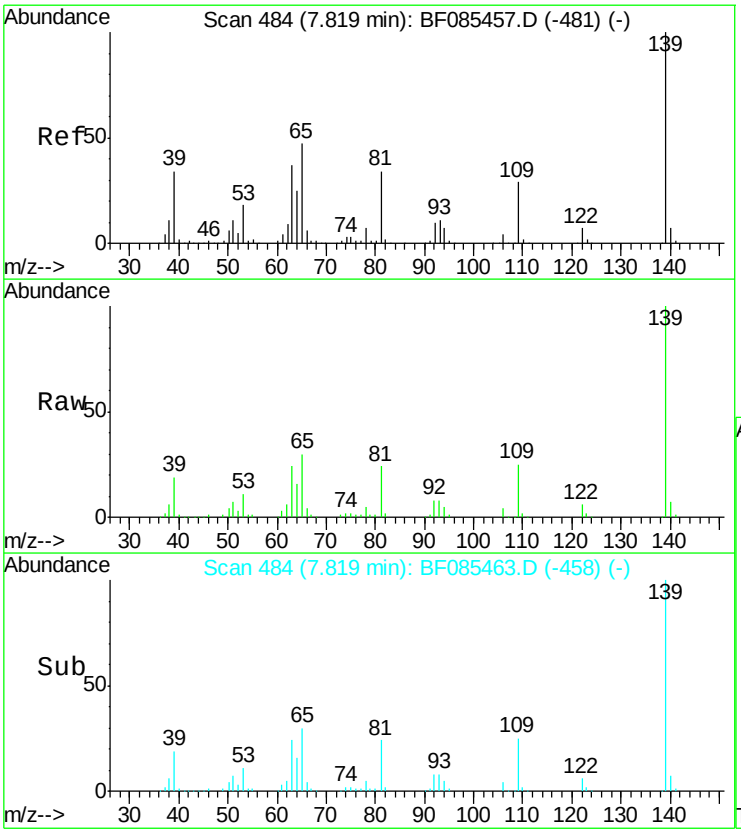
Tgt Ion: 82 Resp: 836614

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.4	8.2
138	18.9	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
PB88908BS

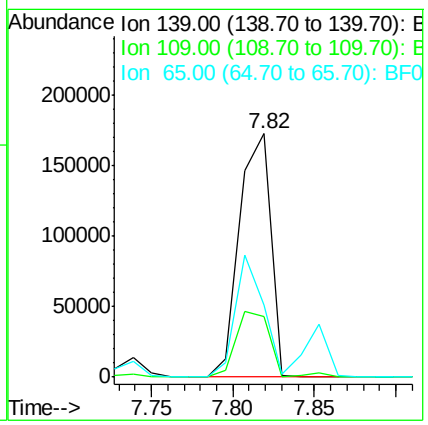
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

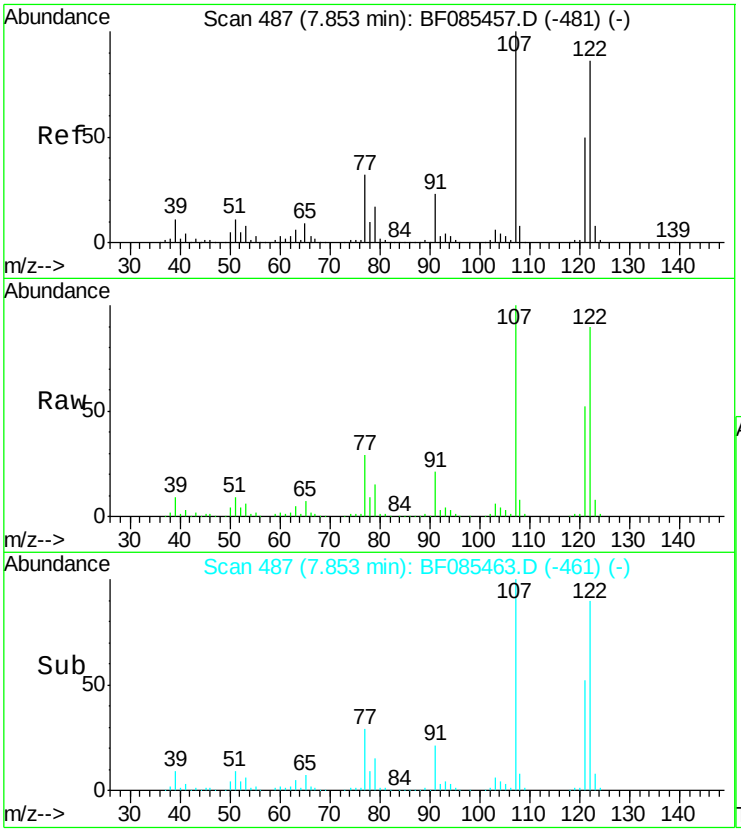


#26
2-Nitrophenol
Concen: 41.17 ng
RT: 7.82 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:139 Resp: 229261

Ion	Ratio	Lower	Upper
139	100		
109	24.8	19.1	28.7
65	29.8	23.9	35.9

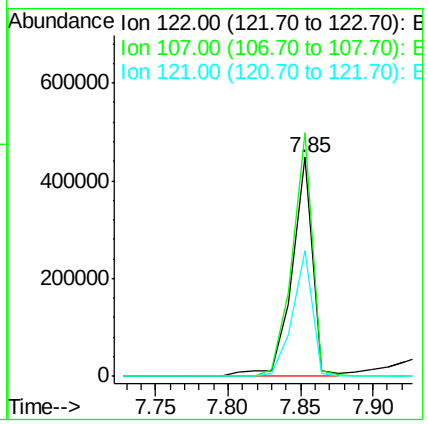




#27
2,4-Dimethylphenol
Concen: 44.74 ng
RT: 7.85 min Scan# 487
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

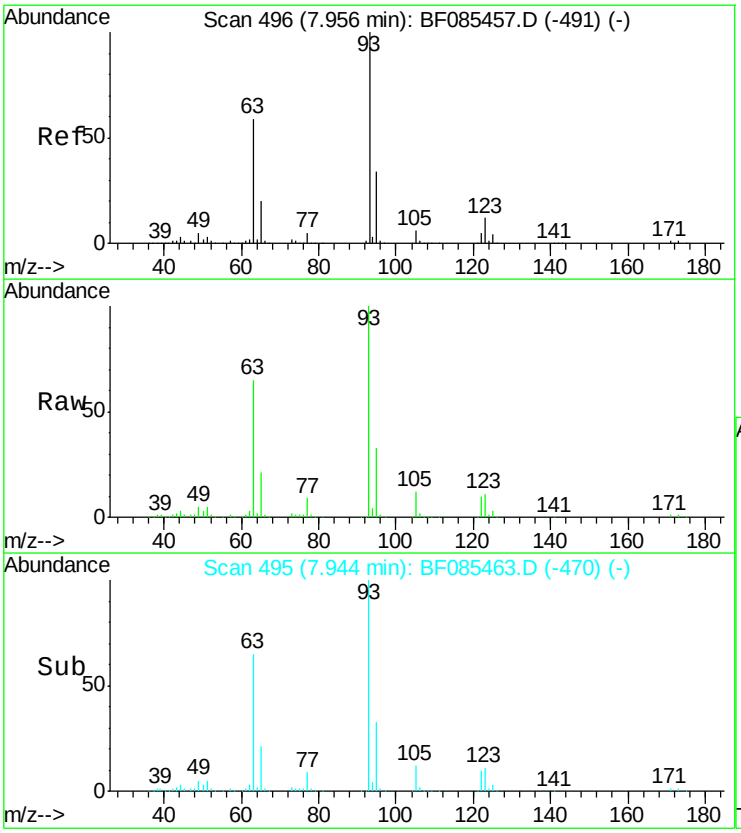
Tgt Ion:122 Resp: 443161

Ion	Ratio	Lower	Upper
122	100		
107	111.2	84.8	127.2
121	57.8	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
PB88908BS

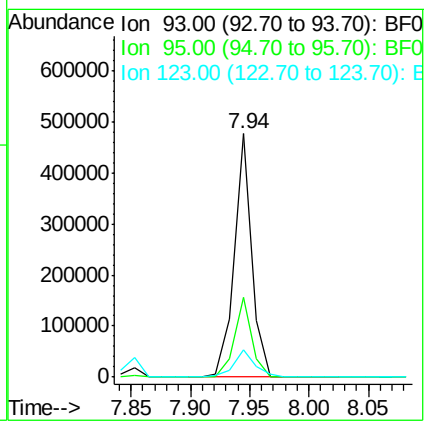
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

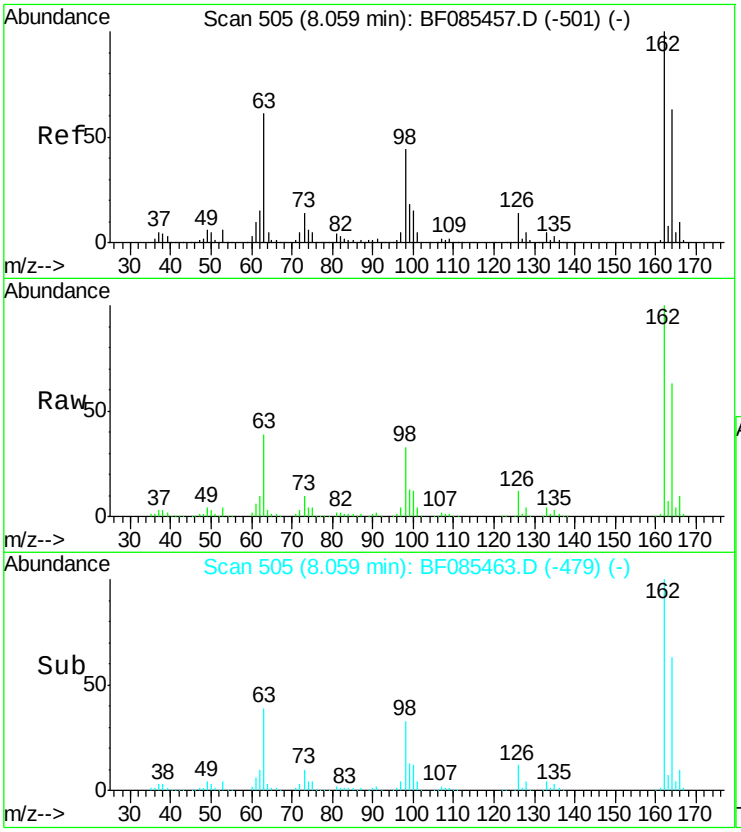


#28
bis(2-Chloroethoxy)methane
Concen: 38.62 ng
RT: 7.94 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 93 Resp: 485825

Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.9	38.9
123	11.0	8.8	13.2

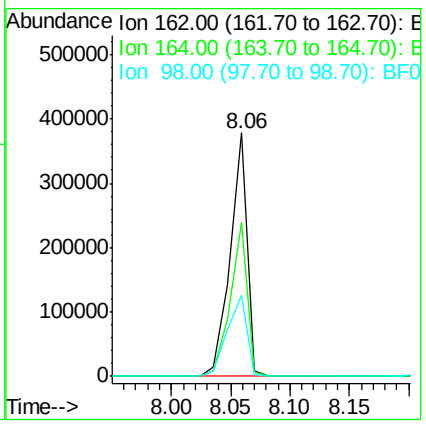




#29
2,4-Dichlorophenol
Concen: 46.67 ng
RT: 8.06 min Scan# 505
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

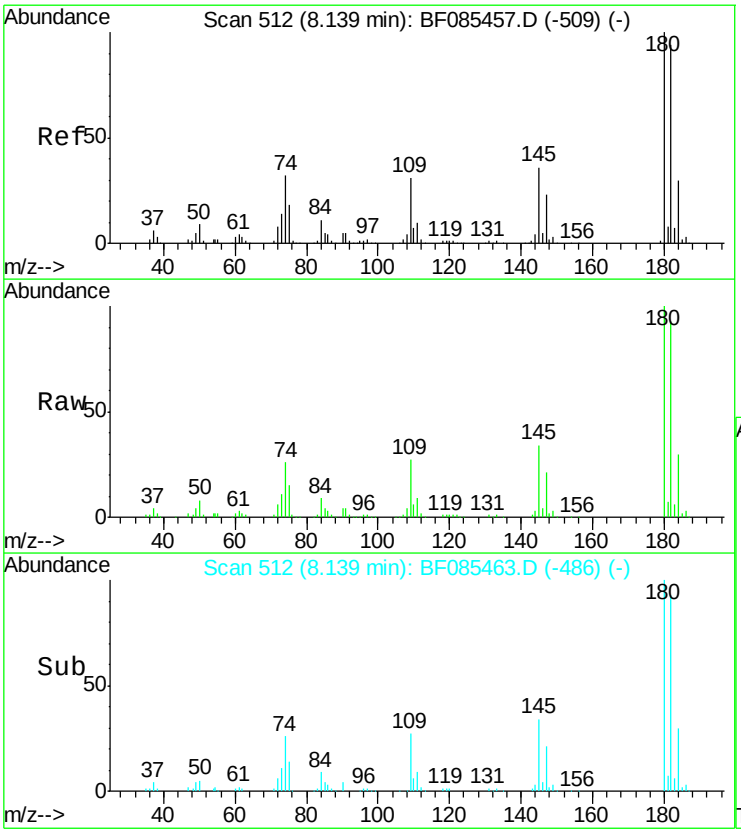
Tgt Ion:162 Resp: 375018

Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.7	85.7
98	33.5	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
PB88908BS

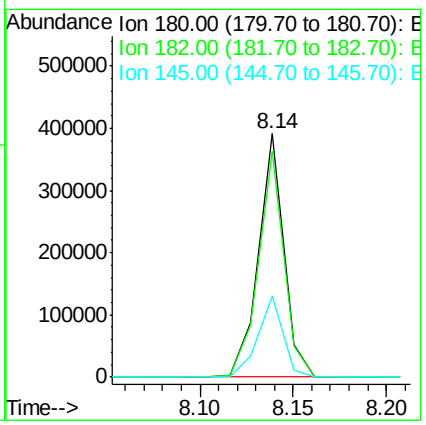
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

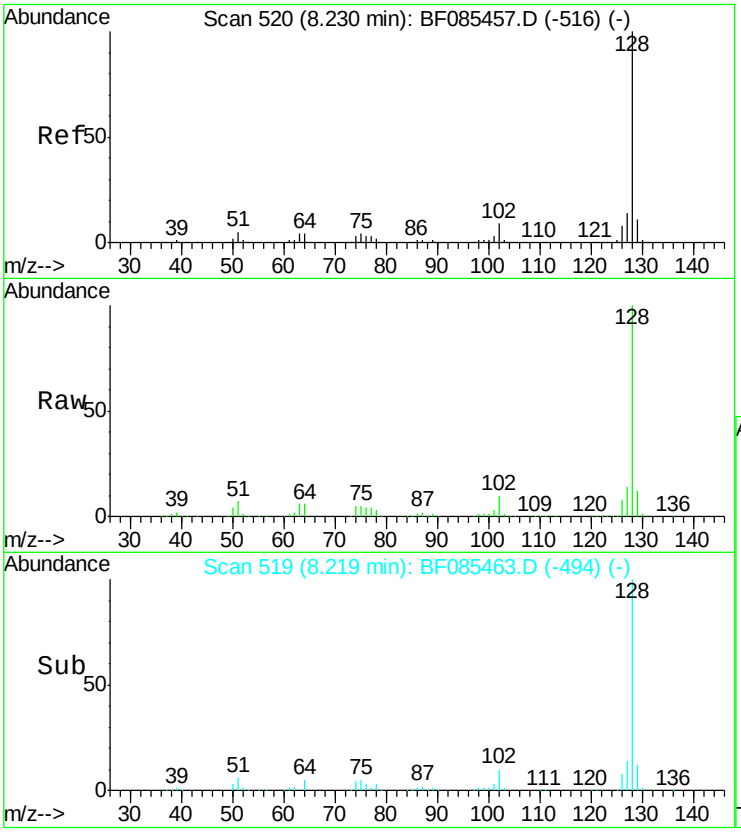


#30
1,2,4-Trichlorobenzene
Concen: 39.38 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:180 Resp: 365676

Ion	Ratio	Lower	Upper
180	100		
182	92.8	74.9	112.3
145	33.5	27.9	41.9

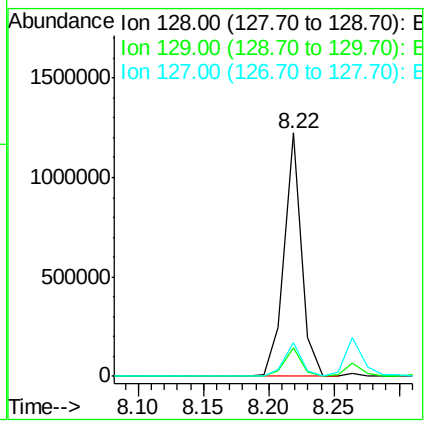




#31
Naphthalene
Concen: 38.72 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

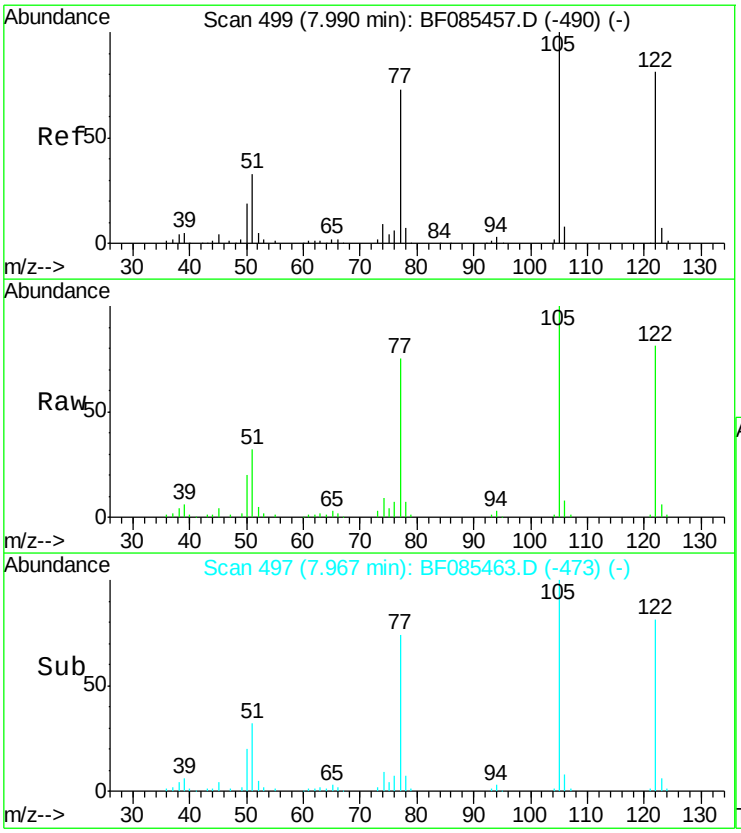
Tgt Ion:128 Resp: 1154092

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.7	14.5
127	13.7	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
PB88908BS

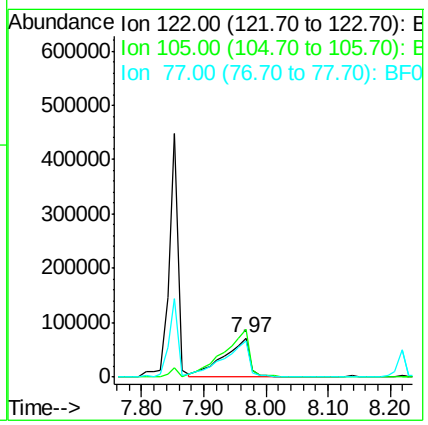
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

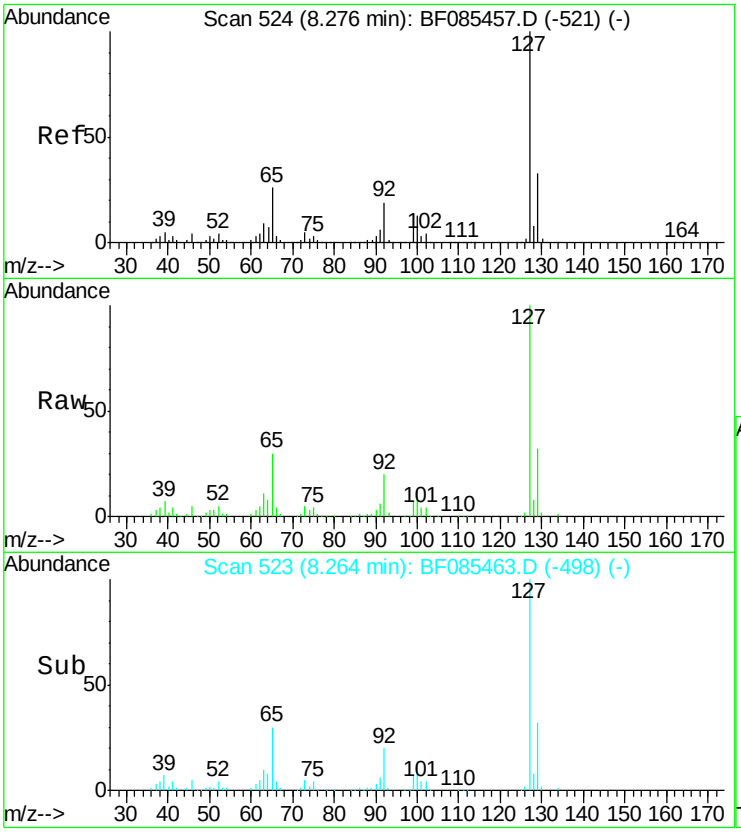


#32
Benzoic acid
Concen: 37.42 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.02 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:122 Resp: 213141

Ion	Ratio	Lower	Upper
122	100		
105	123.5	101.3	141.3
77	92.2	74.7	114.7

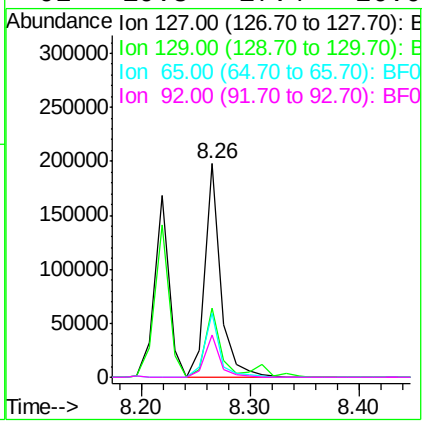




#33
4-Chloroaniline
Concen: 15.70 ng
RT: 8.26 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

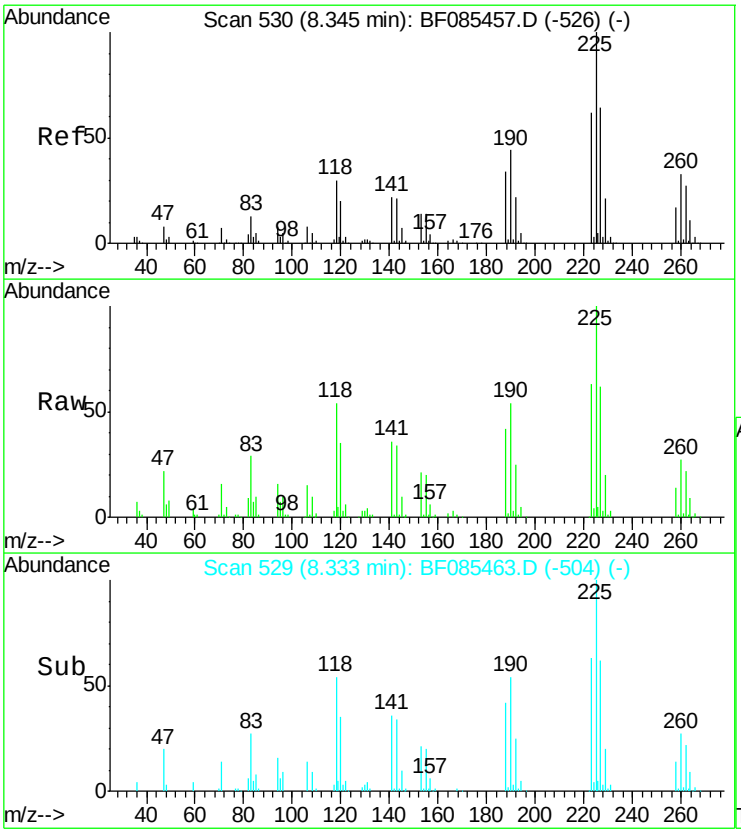
Tgt Ion:127 Resp: 201309

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	29.8	27.0	40.6
92	19.8	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
PB88908BS

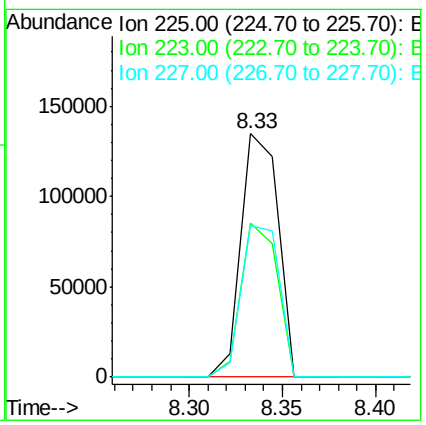
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

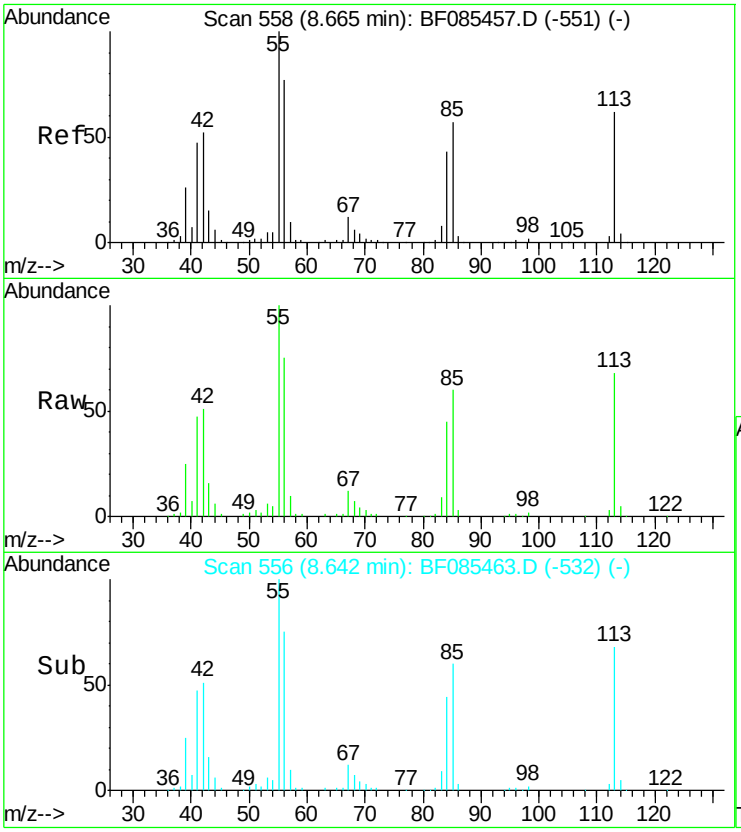


#34
Hexachlorobutadiene
Concen: 38.27 ng
RT: 8.33 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:225 Resp: 185730

Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.7	74.5
227	62.4	52.2	78.4

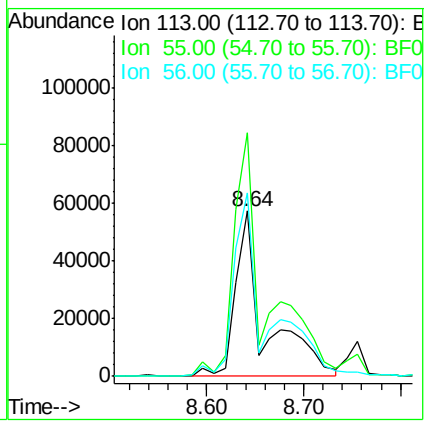




#35
Caprolactam
Concen: 46.12 ng m
RT: 8.64 min Scan# 556
Delta R.T. -0.02 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

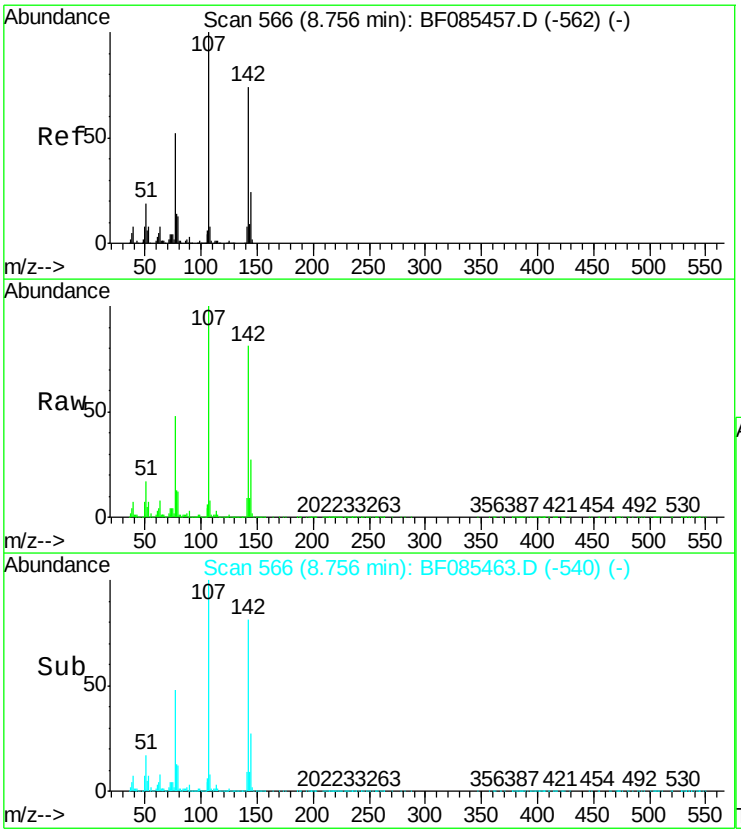
Tgt Ion:113 Resp: 121012

Ion	Ratio	Lower	Upper
113	100		
55	147.3	152.7	192.7#
56	110.9	109.0	149.0



Instrument :
BNA_F
ClientSampleId :
PB88908BS

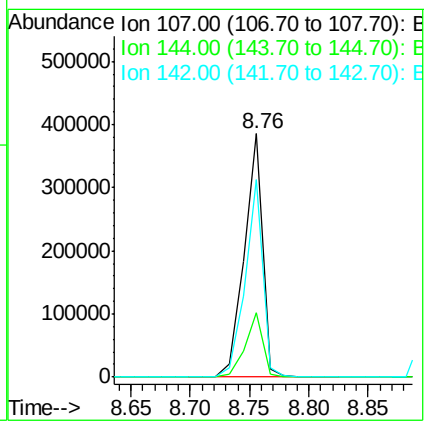
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

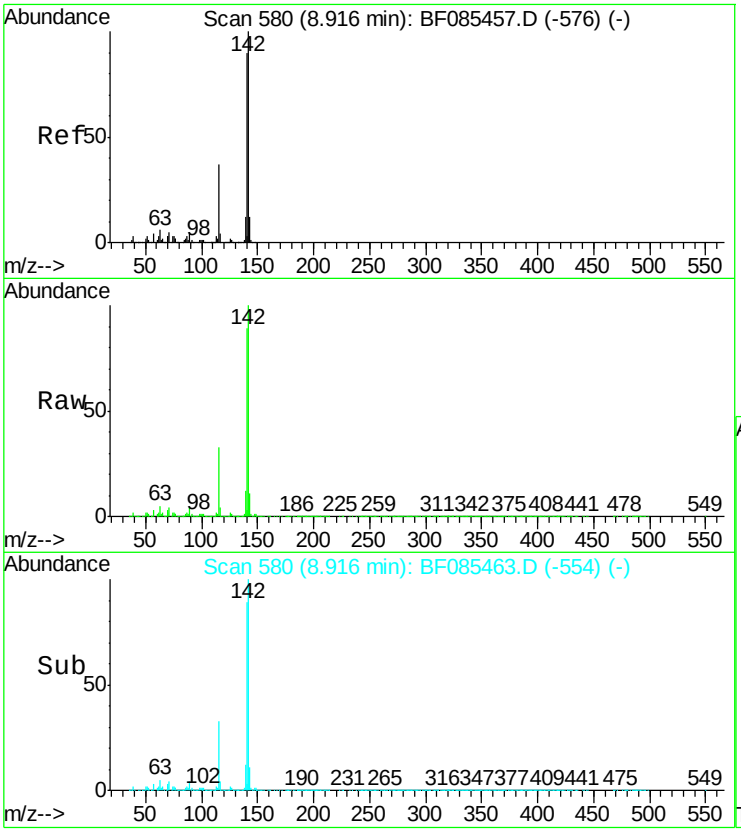


#36
4-Chloro-3-methylphenol
Concen: 45.39 ng
RT: 8.76 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:107 Resp: 416454

Ion	Ratio	Lower	Upper
107	100		
144	26.7	19.4	29.2
142	81.0	59.4	89.2

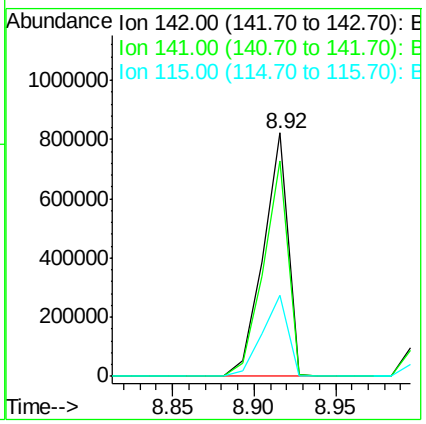




#37
2-Methylnaphthalene
Concen: 46.18 ng
RT: 8.92 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

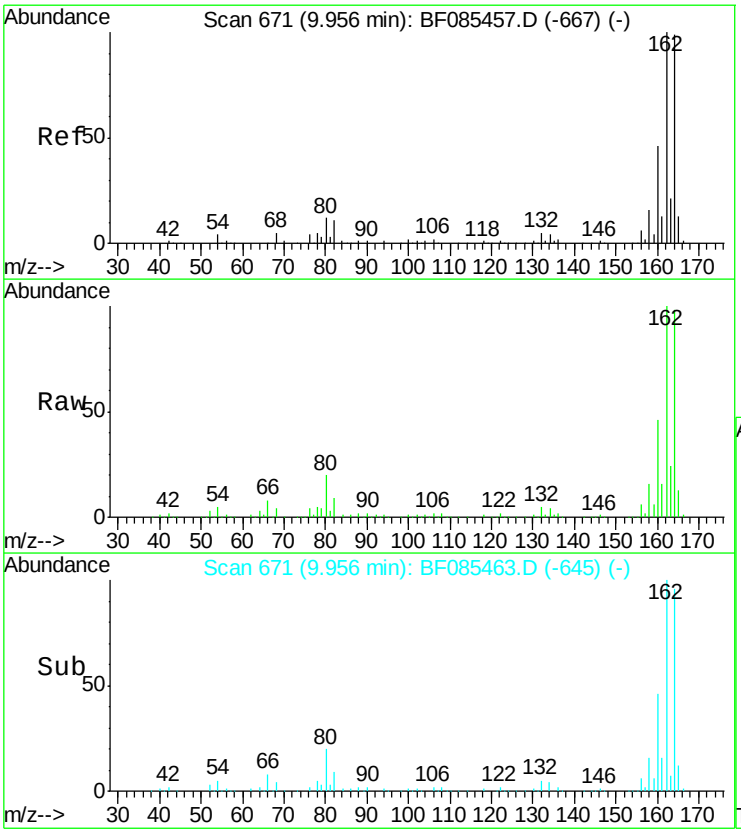
Tgt Ion:142 Resp: 871698

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.7	107.5
115	33.3	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB88908BS

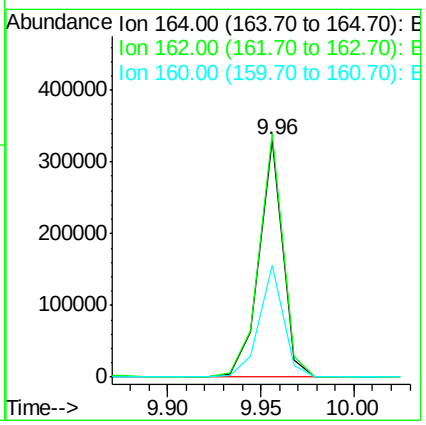
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

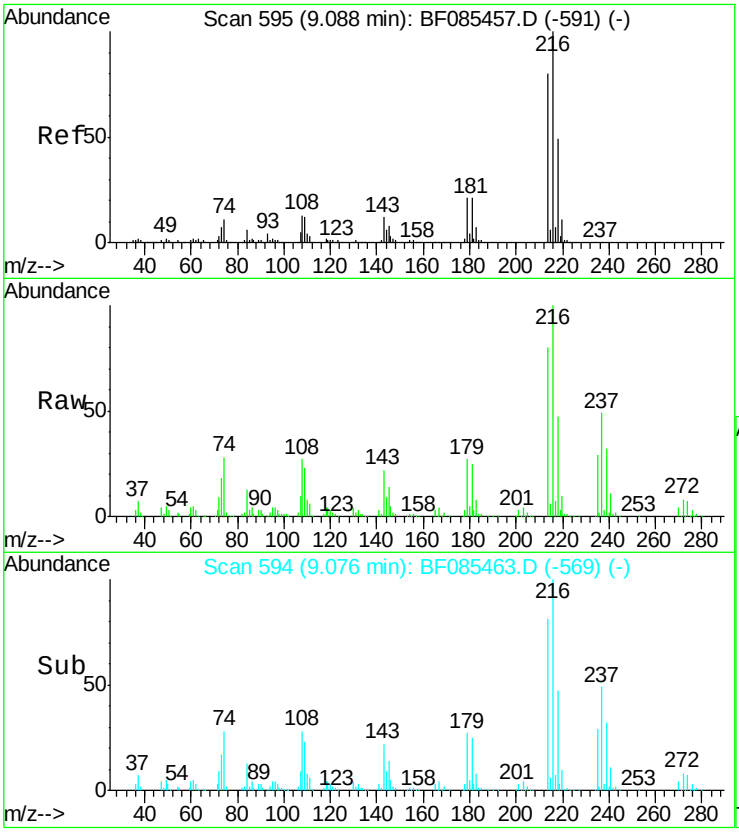


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:164 Resp: 289777

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.3	124.9
160	46.9	37.9	56.9

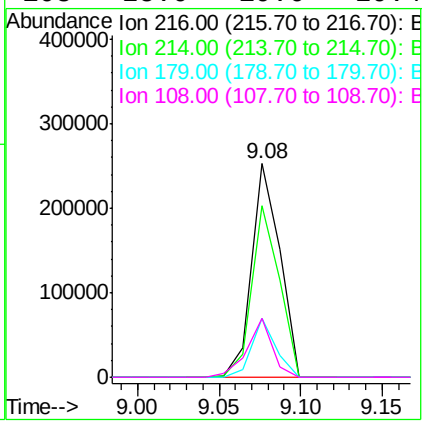




#39
1,2,4,5-Tetrachlorobenzene
Concen: 33.49 ng
RT: 9.08 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

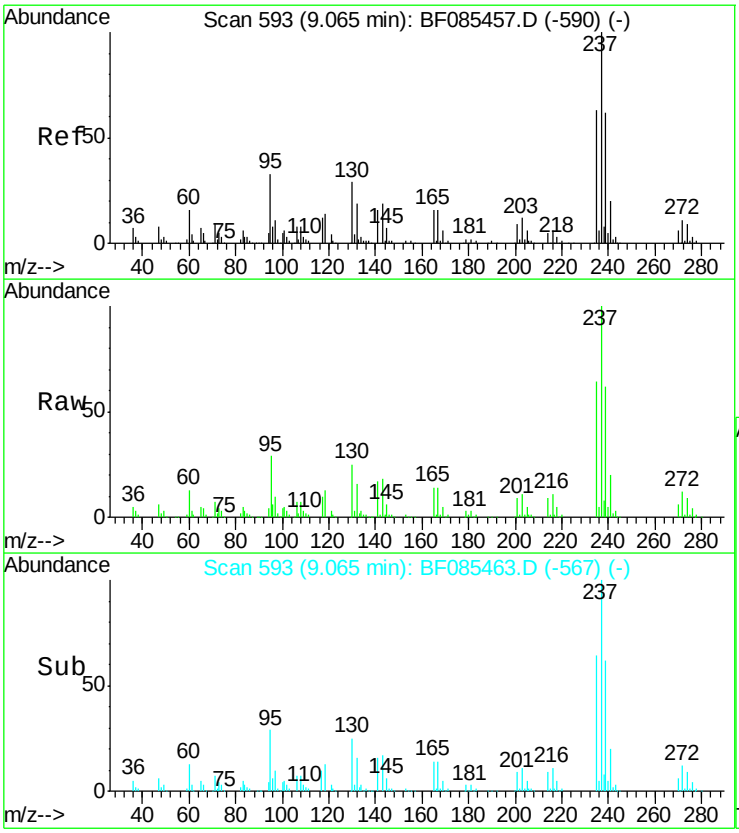
Tgt Ion:216 Resp: 301866

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.6
179	23.7	19.6	29.4
108	25.0	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
PB88908BS

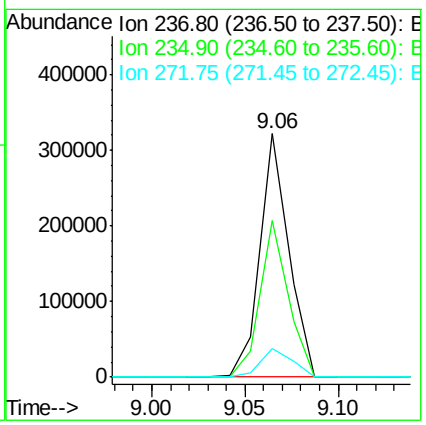
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

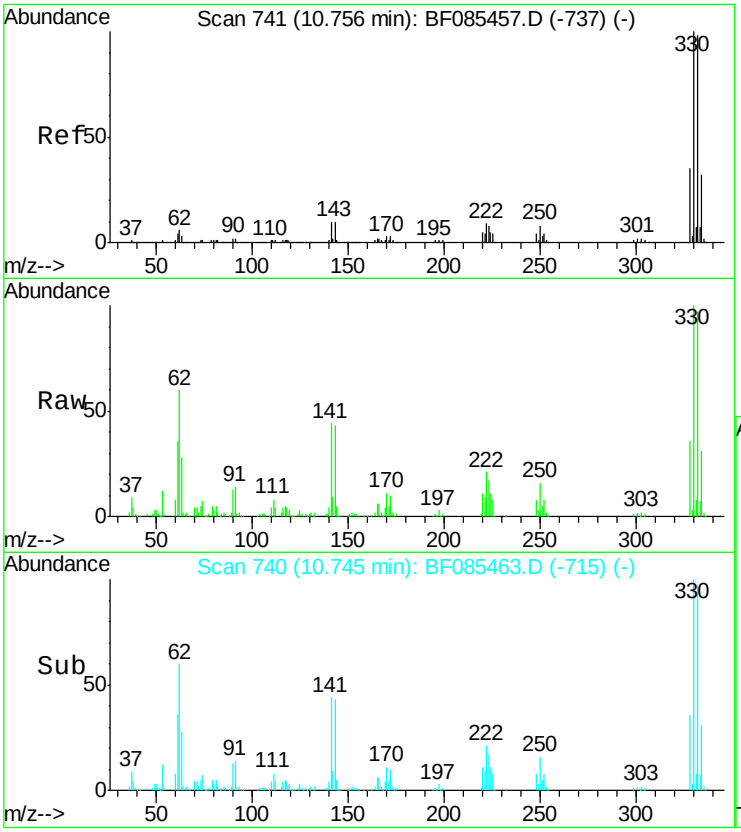


#40
Hexachlorocyclopentadiene
Concen: 78.62 ng
RT: 9.06 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:237 Resp: 342460

Ion	Ratio	Lower	Upper
237	100		
235	64.1	43.7	83.7
272	11.6	0.0	31.5

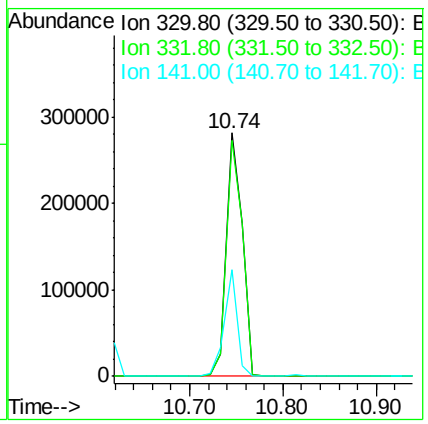




#41
2,4,6-Tribromophenol
Concen: 126.66 ng
RT: 10.74 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

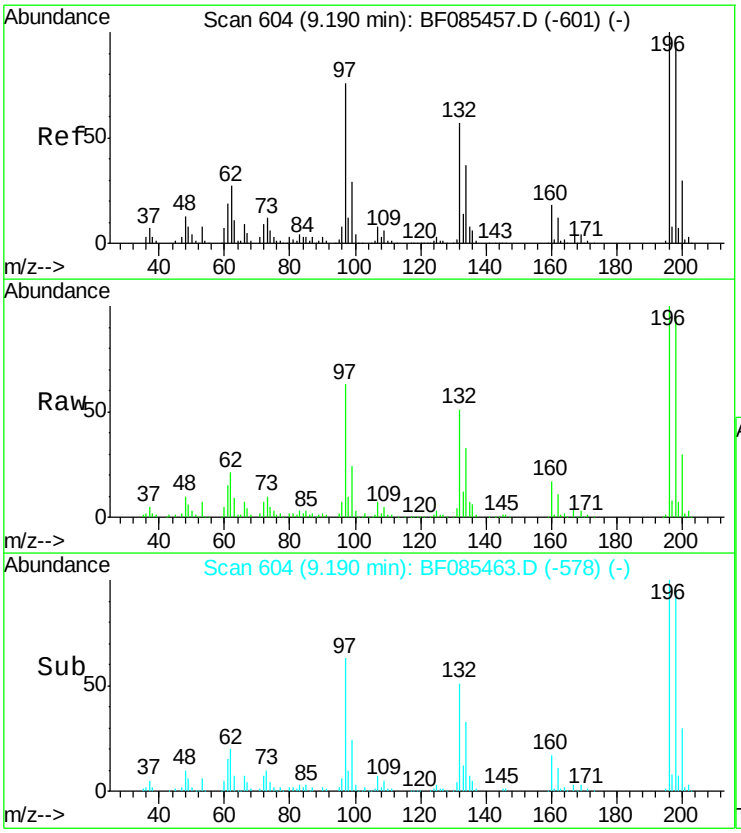
Tgt Ion:330 Resp: 338055

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.1	115.7
141	35.0	35.0	52.6#



Instrument :
BNA_F
ClientSampleId :
PB88908BS

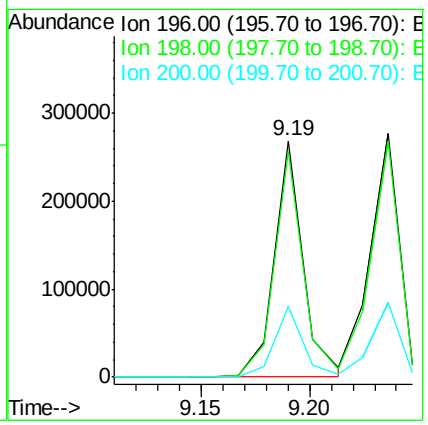
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

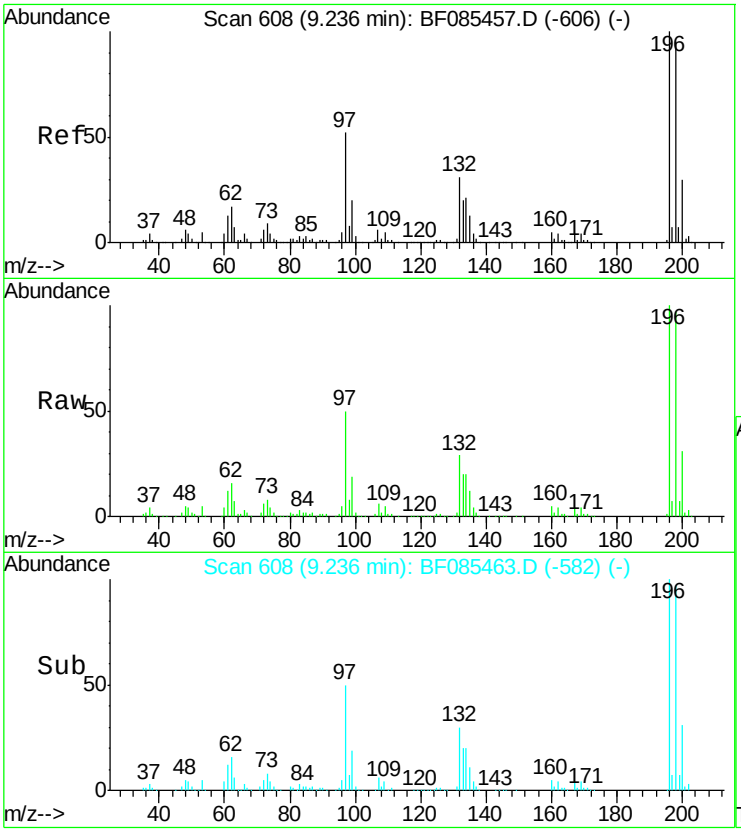


#42
2,4,6-Trichlorophenol
Concen: 41.92 ng
RT: 9.19 min Scan# 604
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:196 Resp: 249511

Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.8	116.6
200	30.2	25.0	37.6

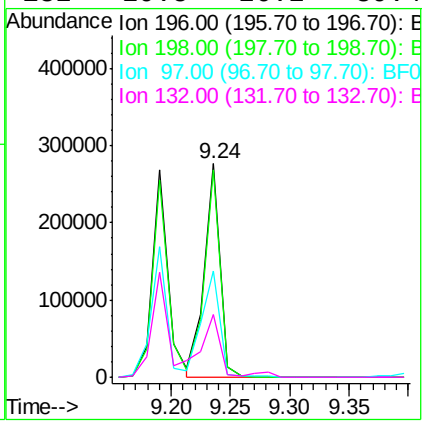




#43
2,4,5-Trichlorophenol
Concen: 42.94 ng
RT: 9.24 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

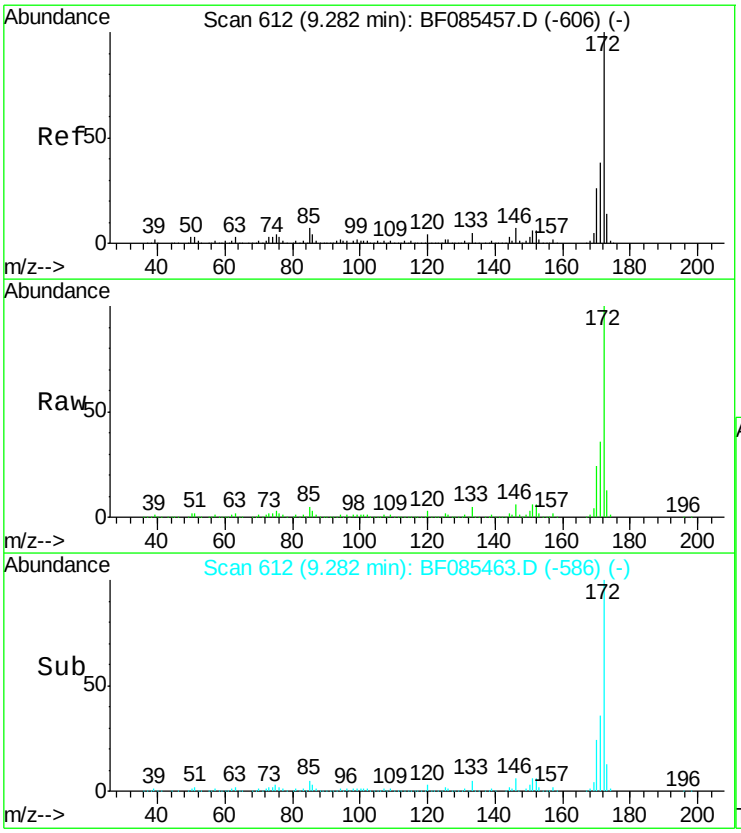
Tgt Ion:196 Resp: 258138

Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
97	49.8	46.4	69.6
132	29.5	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB88908BS

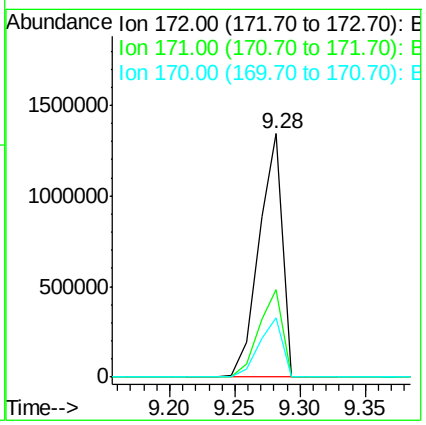
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

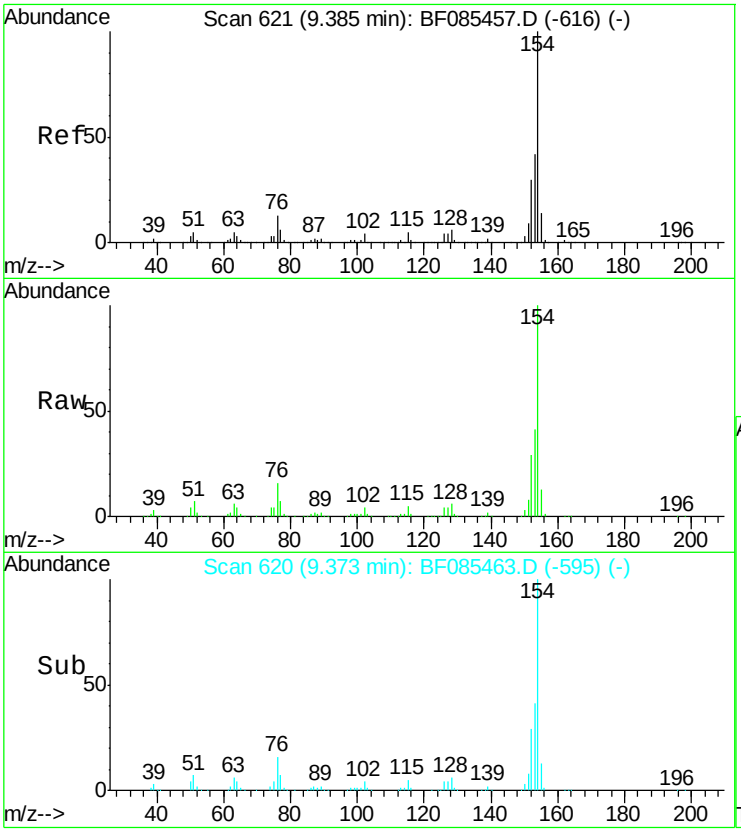


#44
2-Fluorobiphenyl
Concen: 100.03 ng
RT: 9.28 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:172 Resp: 1670901

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	24.4	20.0	30.0

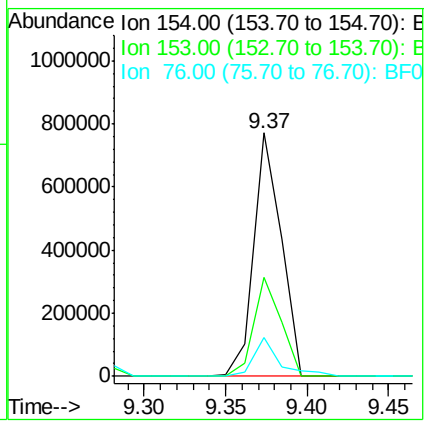




#45
1,1'-Biphenyl
Concen: 38.28 ng
RT: 9.37 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

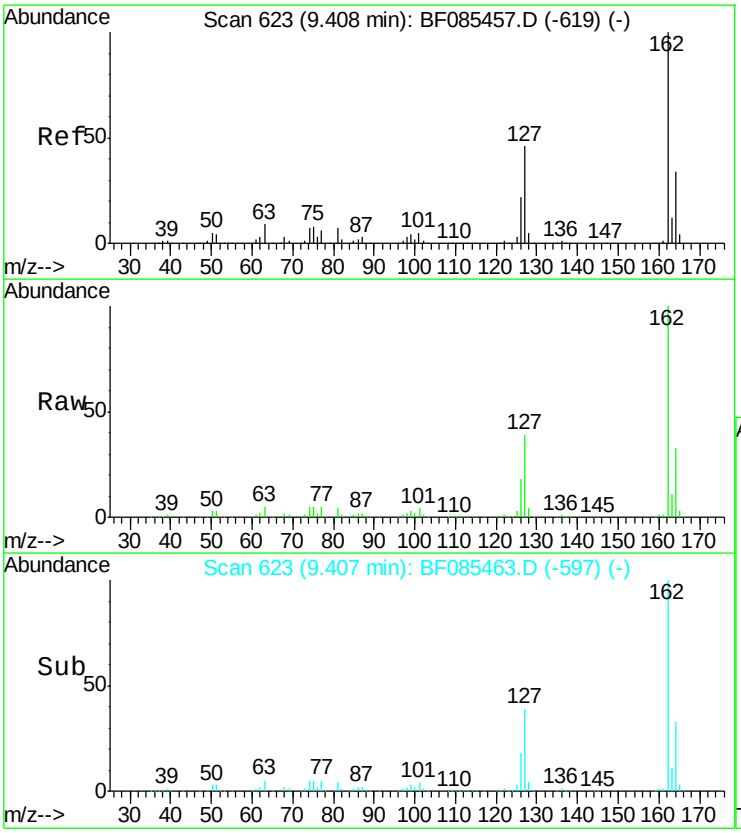
Tgt Ion:154 Resp: 905413

Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	16.0	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
PB88908BS

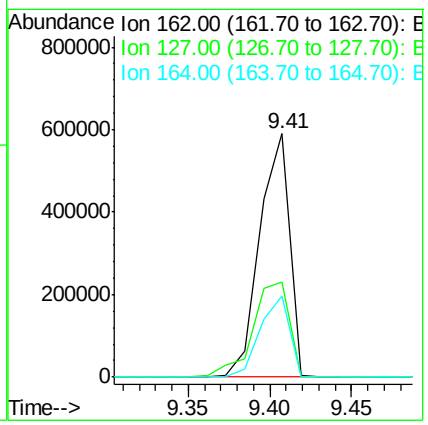
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

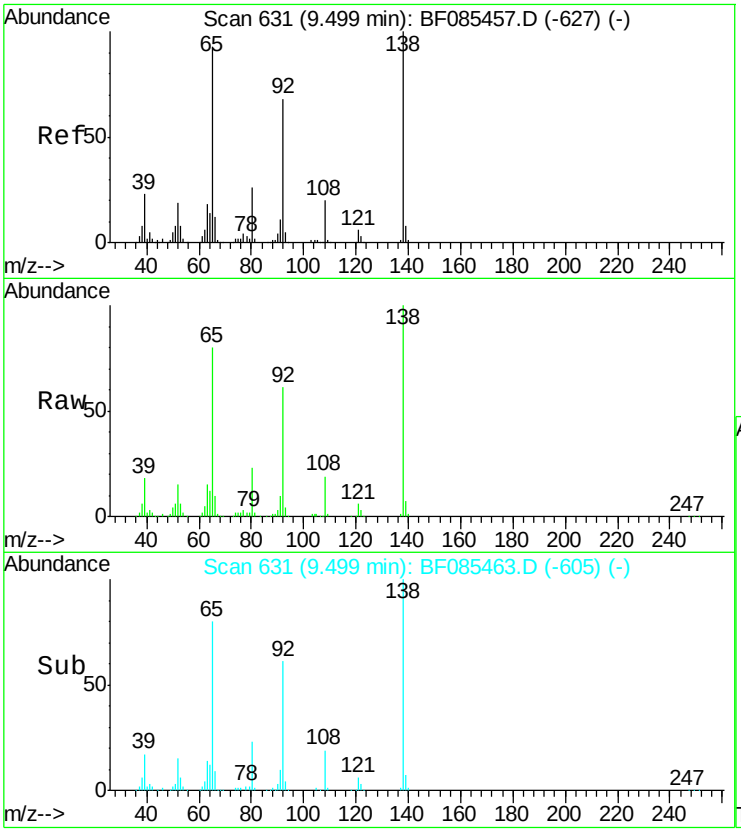


#46
2-Chloronaphthalene
Concen: 42.17 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:162 Resp: 747381

Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.6	47.4
164	33.4	27.1	40.7

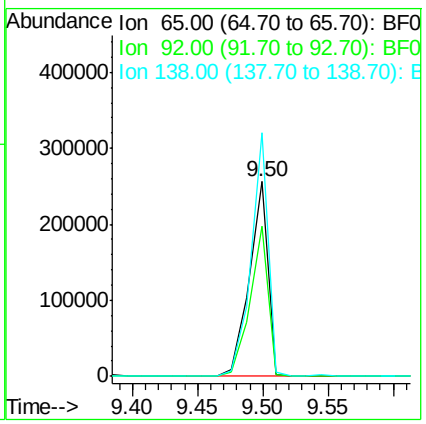




#47
2-Nitroaniline
Concen: 47.64 ng
RT: 9.50 min Scan# 631
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

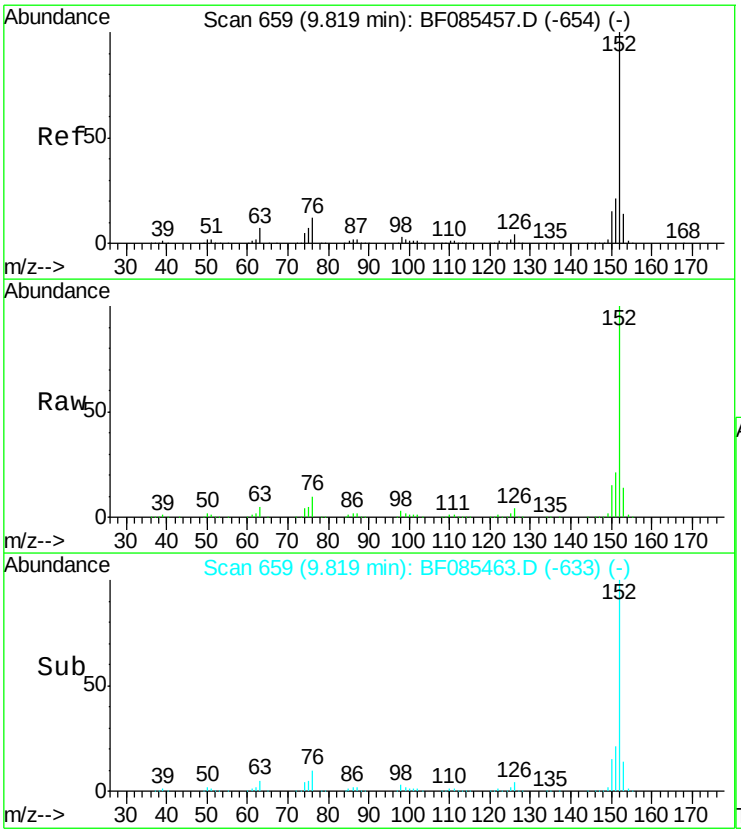
Tgt Ion: 65 Resp: 255644

Ion	Ratio	Lower	Upper
65	100		
92	76.9	55.4	83.2
138	125.1	75.7	113.5#



Instrument :
BNA_F
ClientSampleId :
PB88908BS

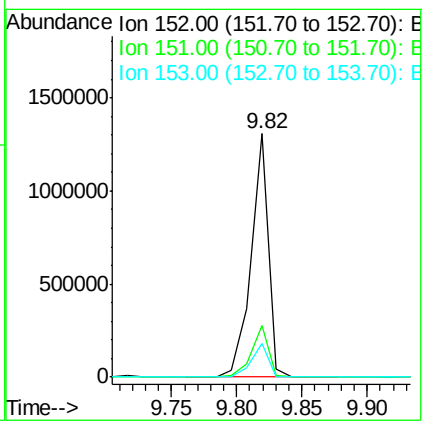
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

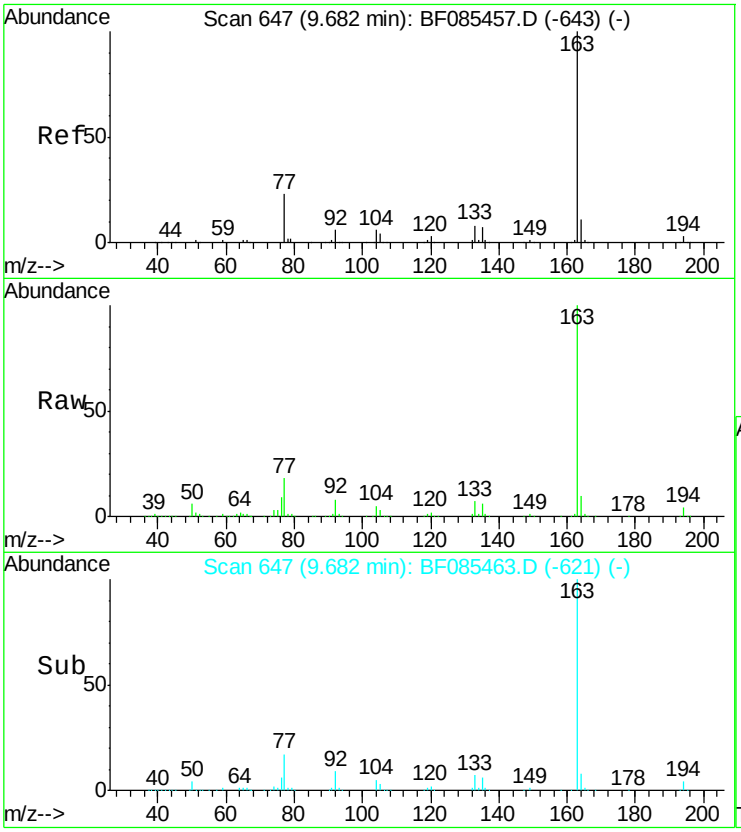


#48
Acenaphthylene
Concen: 42.09 ng
RT: 9.82 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:152 Resp: 1206806

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.5	26.3
153	13.6	11.3	16.9

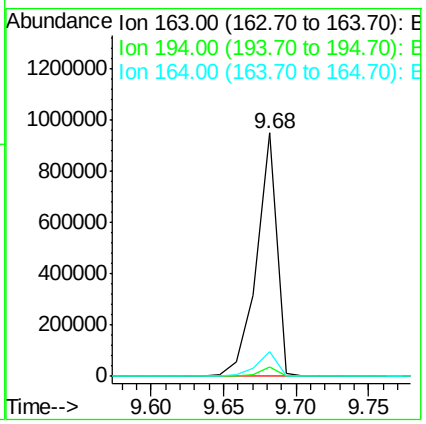




#49
Dimethylphthalate
Concen: 43.62 ng
RT: 9.68 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

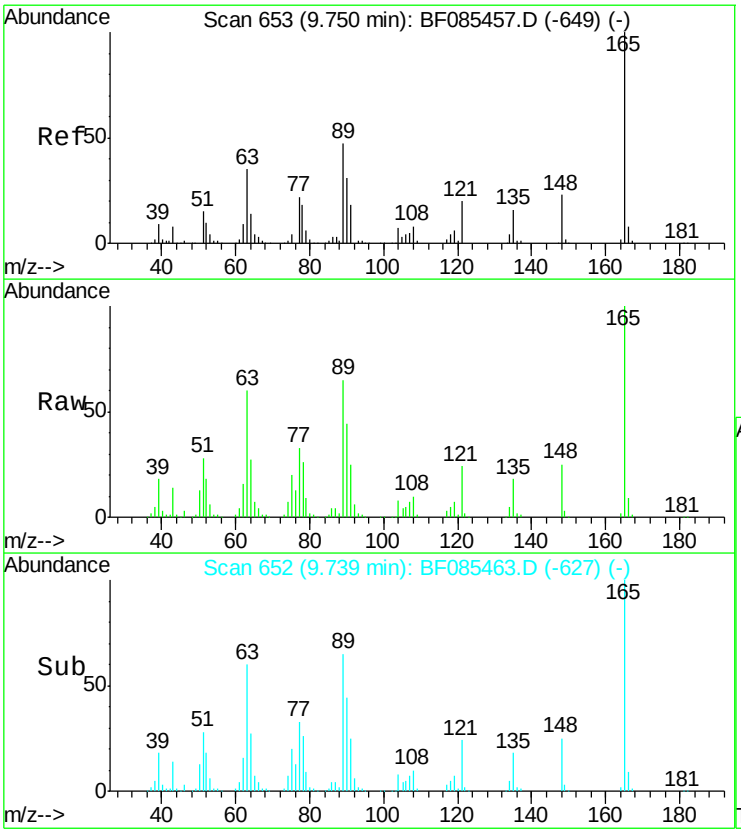
Tgt Ion:163 Resp: 922229

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
PB88908BS

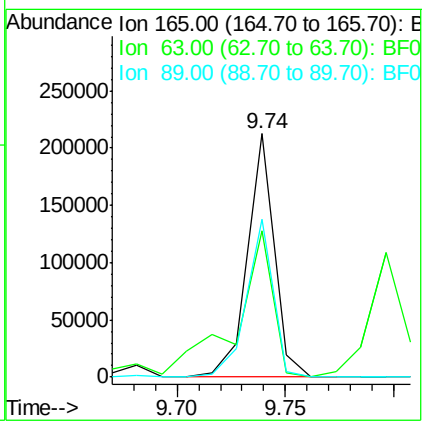
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

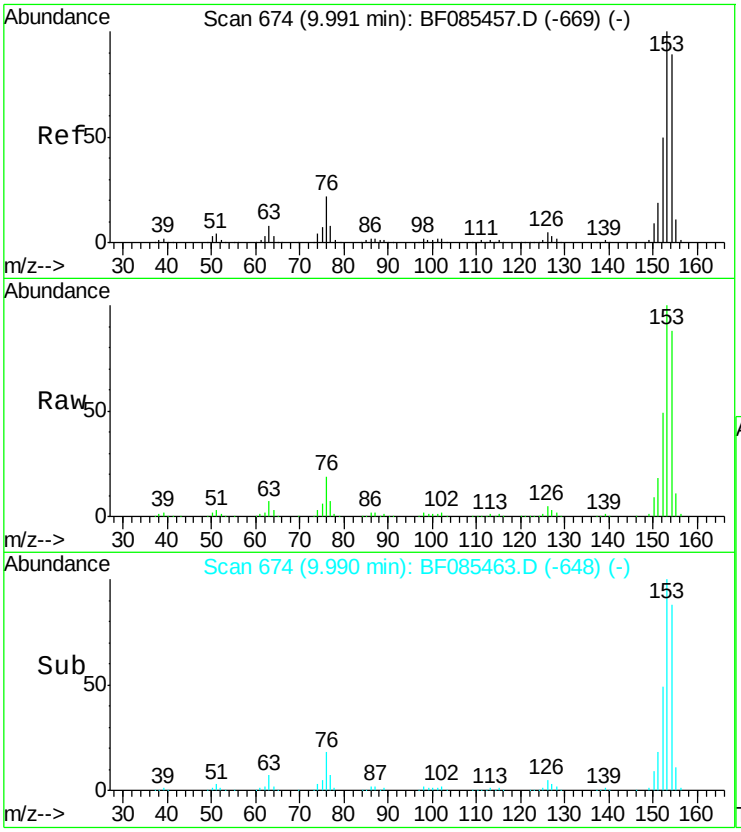


#50
2,6-Dinitrotoluene
Concen: 38.96 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:165 Resp: 181959

Ion	Ratio	Lower	Upper
165	100		
63	60.2	41.8	62.8
89	64.9	46.7	70.1

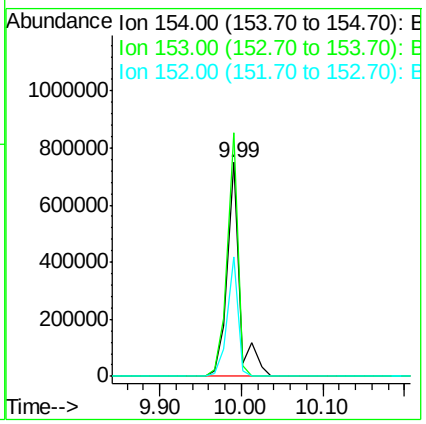




#51
Acenaphthene
Concen: 43.94 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

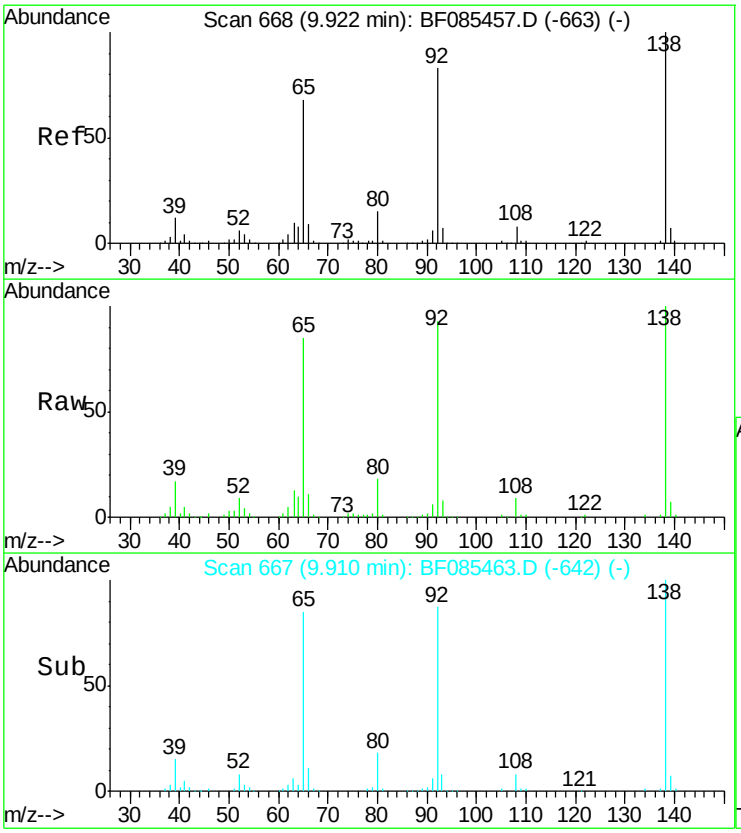
Tgt Ion:154 Resp: 792104

Ion	Ratio	Lower	Upper
154	100		
153	113.8	89.8	134.8
152	56.0	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
PB88908BS

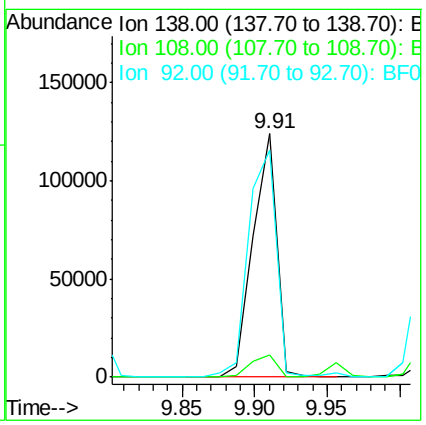
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

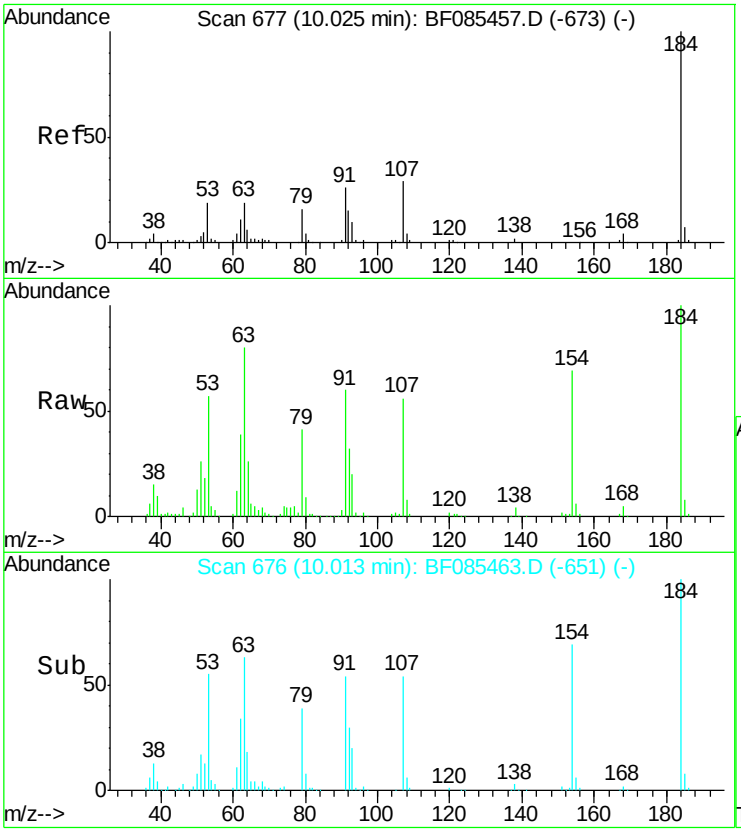


#52
3-Nitroaniline
Concen: 25.15 ng
RT: 9.91 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:138 Resp: 140454

Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.8	11.6
92	93.1	81.3	121.9

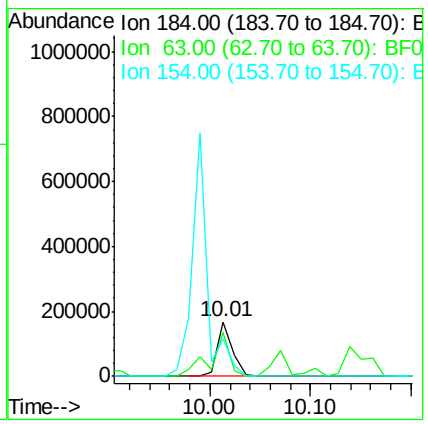




#53
2,4-Dinitrophenol
Concen: 69.54 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

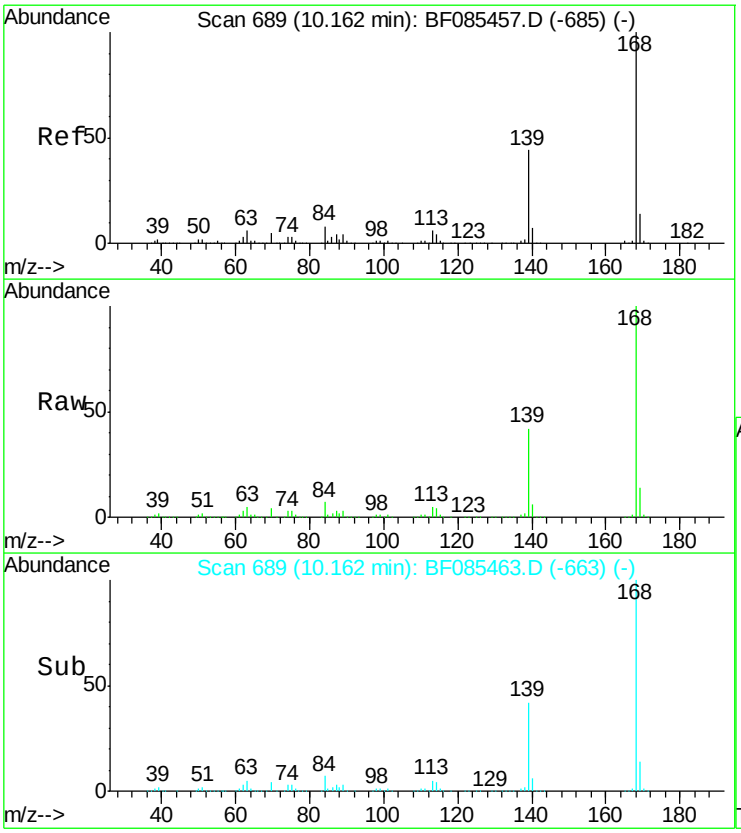
Tgt Ion:184 Resp: 175386

Ion	Ratio	Lower	Upper
184	100		
63	79.6	82.2	123.4#
154	69.2	108.9	163.3#



Instrument :
BNA_F
ClientSampleId :
PB88908BS

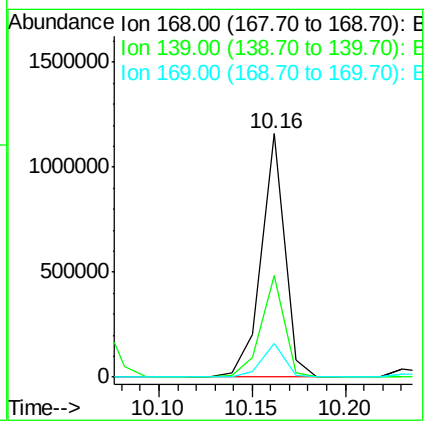
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

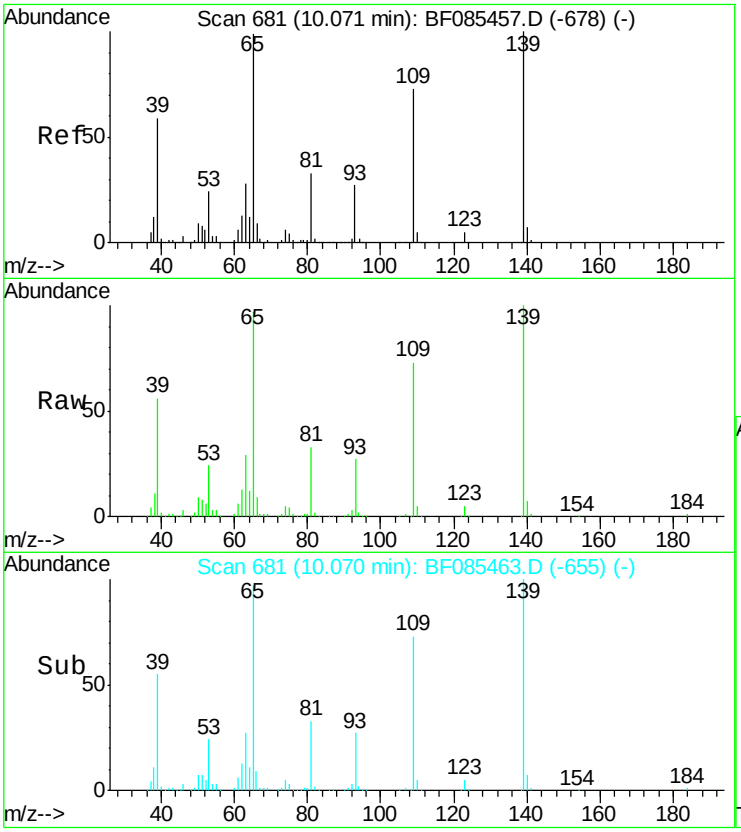


#54
Dibenzofuran
Concen: 45.19 ng
RT: 10.16 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:168 Resp: 1000642

Ion	Ratio	Lower	Upper
168	100		
139	41.9	33.6	50.4
169	13.8	11.2	16.8





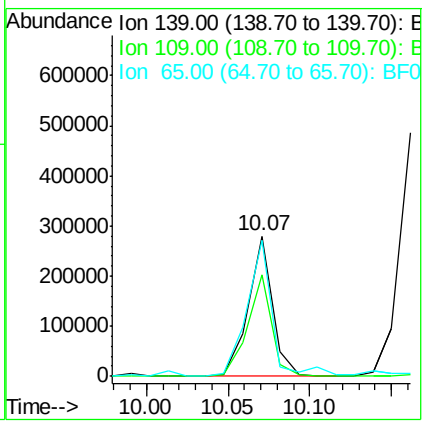
#55
4-Nitrophenol
Concen: 75.67 ng
RT: 10.07 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

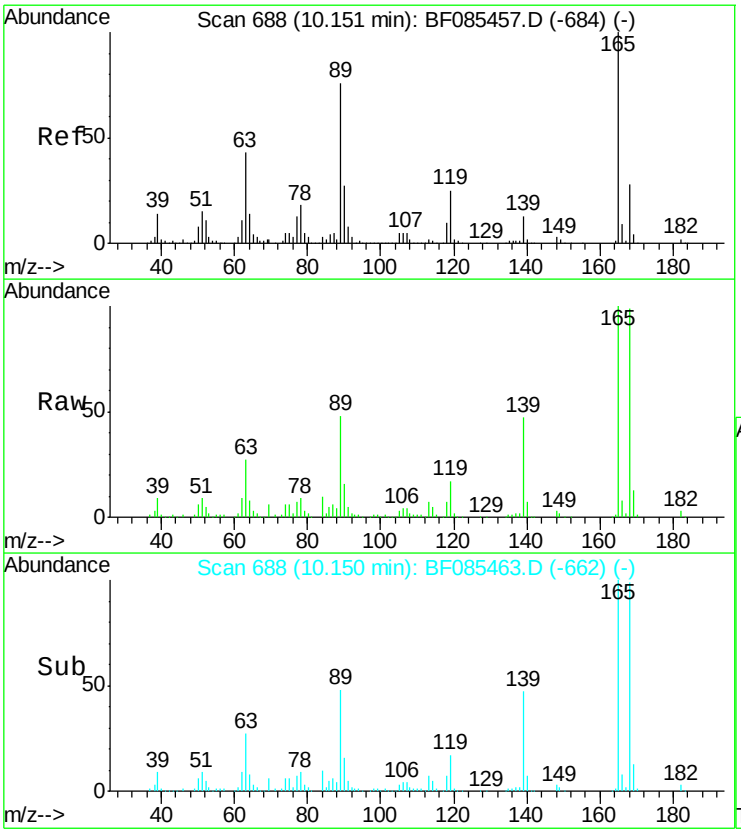
Tgt Ion:139 Resp: 290889

Ion	Ratio	Lower	Upper
139	100		
109	72.6	41.9	81.9
65	96.6	48.3	88.3#

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

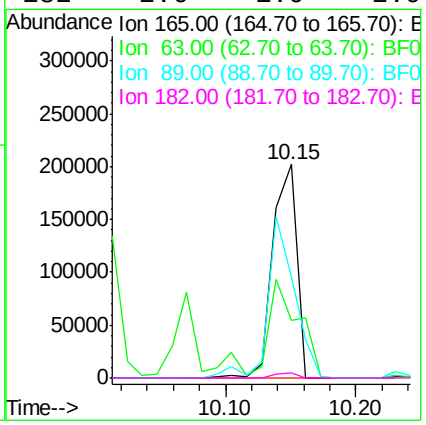


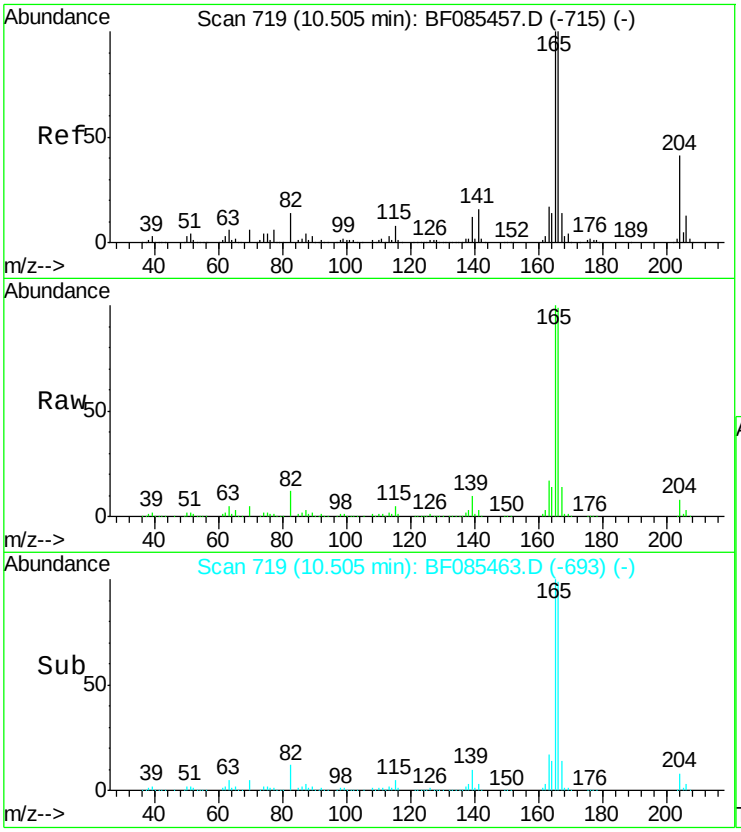


#56
2,4-Dinitrotoluene
Concen: 44.82 ng
RT: 10.15 min Scan# 688
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:165 Resp: 262563

Ion	Ratio	Lower	Upper
165	100		
63	26.7	35.4	53.0#
89	47.5	61.9	92.9#
182	2.6	1.9	2.9

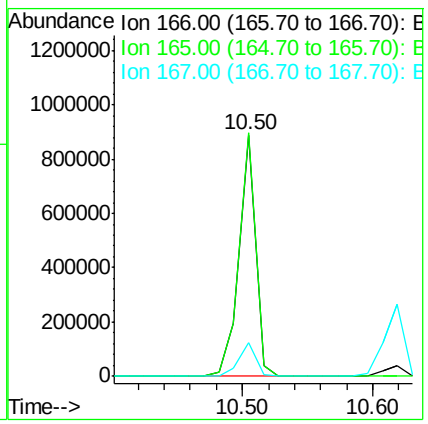




#57
Fluorene
Concen: 44.40 ng
RT: 10.50 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

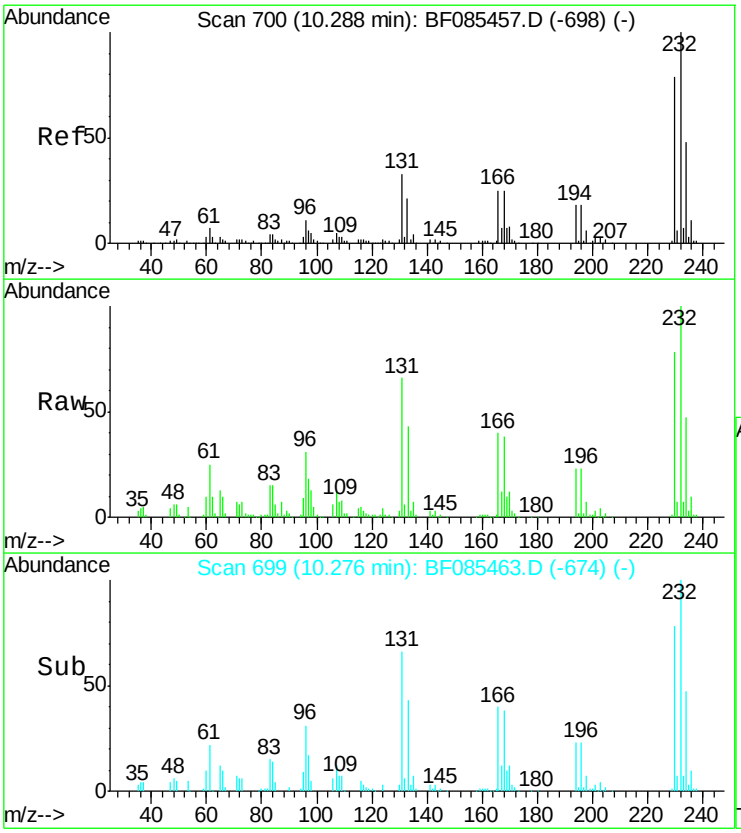
Tgt Ion:166 Resp: 784002

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.4	119.0
167	13.7	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
PB88908BS

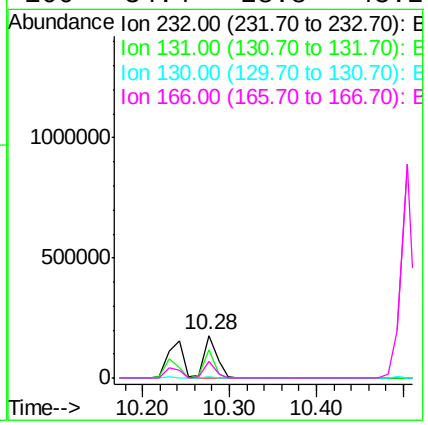
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

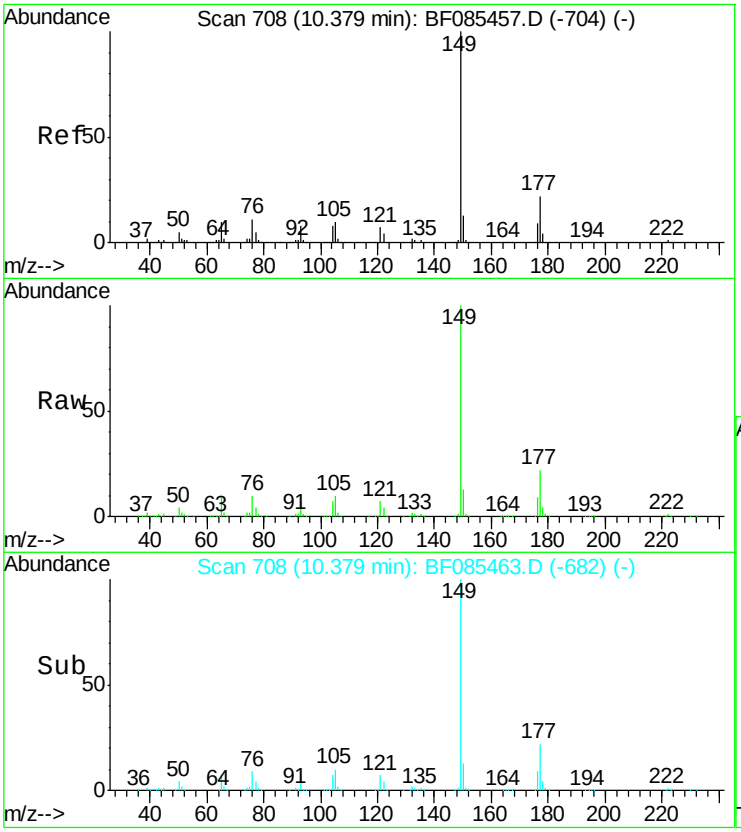


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.50 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:232 Resp: 183705

Ion	Ratio	Lower	Upper
232	100		
131	55.9	46.0	69.0
130	2.7	2.2	3.4
166	34.4	28.8	43.2

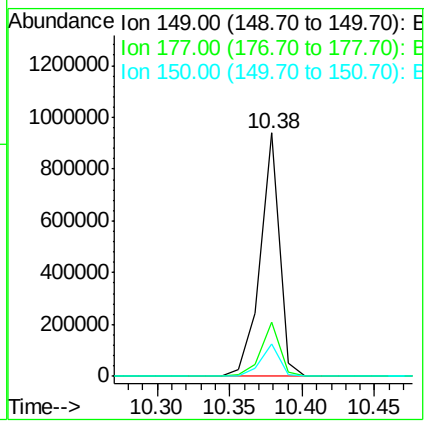




#59
Diethylphthalate
Concen: 42.42 ng
RT: 10.38 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

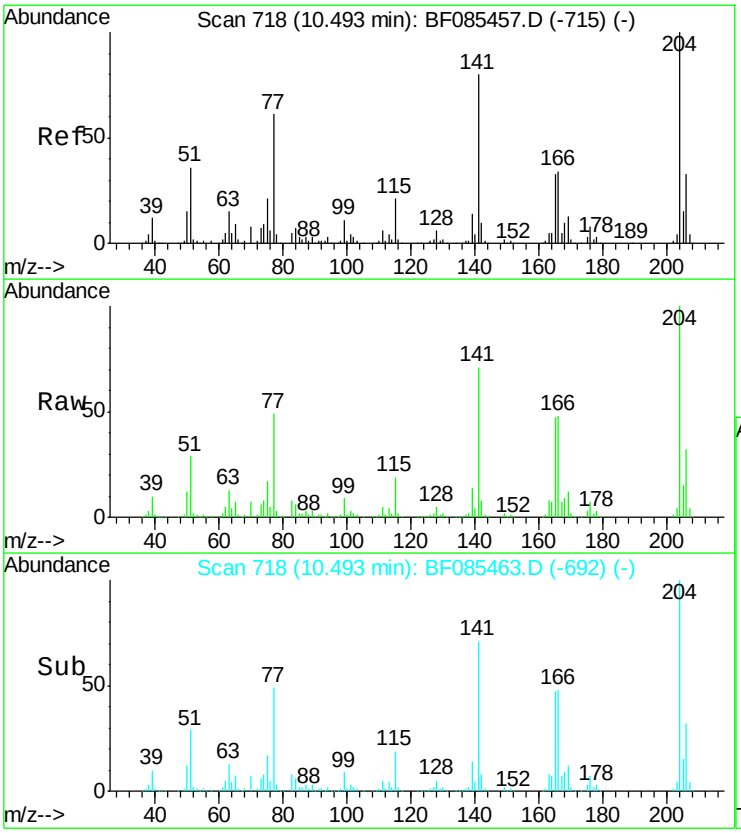
Tgt Ion:149 Resp: 868132

Ion	Ratio	Lower	Upper
149	100		
177	22.3	19.2	28.8
150	13.1	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
PB88908BS

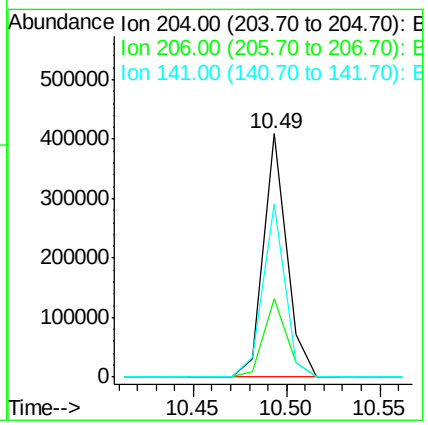
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

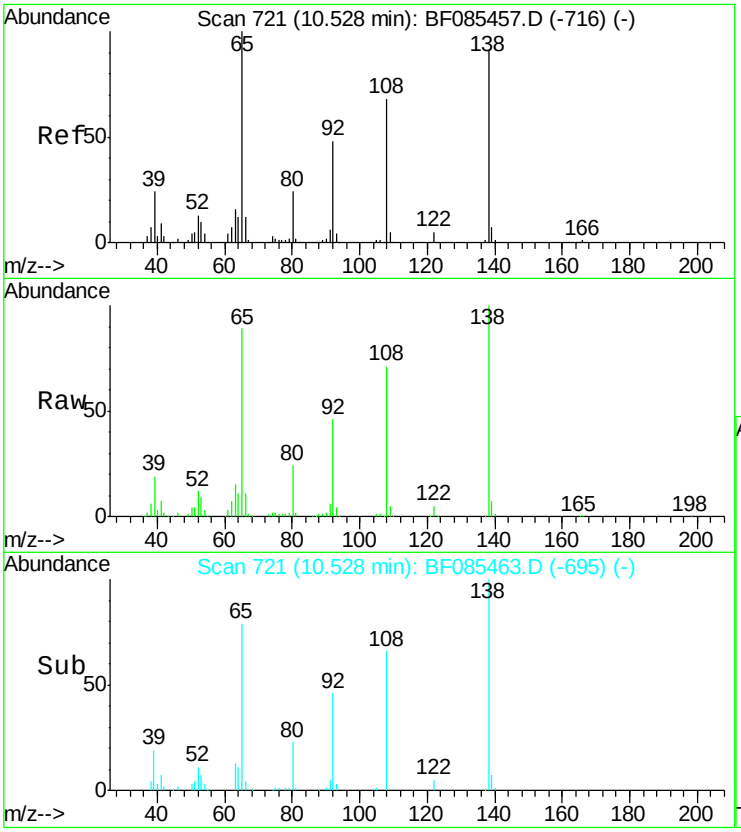


#60
4-Chlorophenyl-phenylether
Concen: 38.70 ng
RT: 10.49 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:204 Resp: 351120

Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	70.9	55.4	83.2

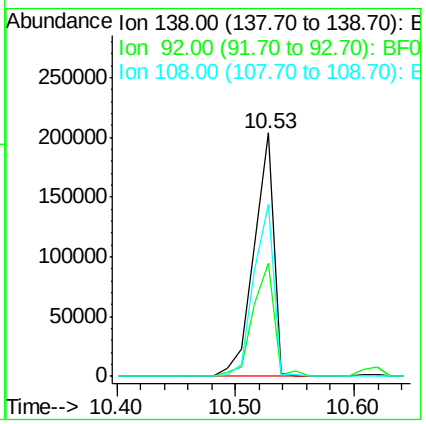




#61
4-Nitroaniline
Concen: 45.13 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

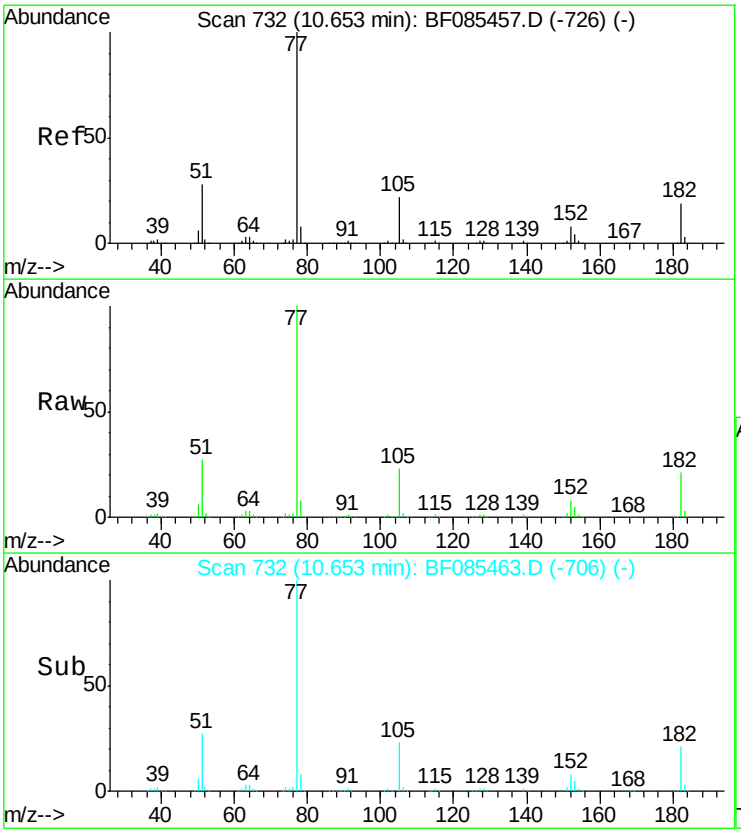
Tgt Ion:138 Resp: 236975

Ion	Ratio	Lower	Upper
138	100		
92	46.4	34.2	74.2
108	70.7	53.9	93.9



Instrument :
BNA_F
ClientSampleId :
PB88908BS

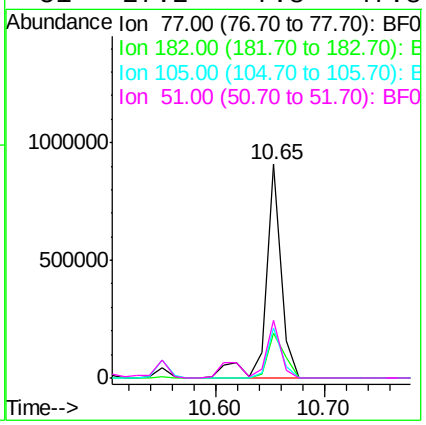
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

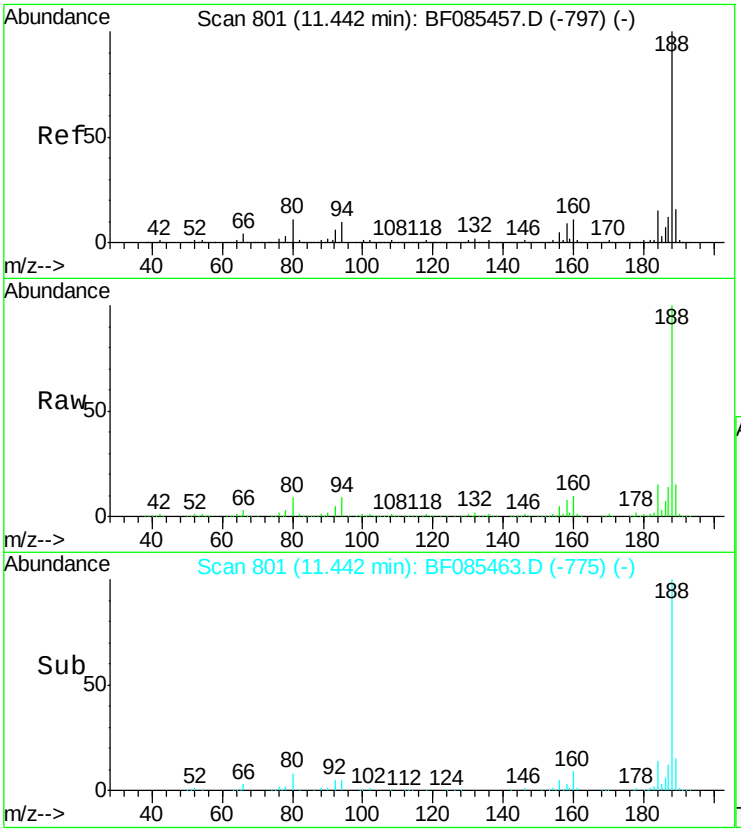


#62
Azobenzene
Concen: 44.42 ng
RT: 10.65 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion: 77 Resp: 902767

Ion	Ratio	Lower	Upper
77	100		
182	20.8	2.1	42.1
105	23.3	3.8	43.8
51	27.2	7.8	47.8

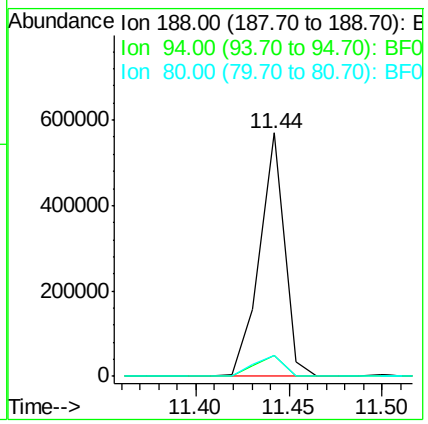




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

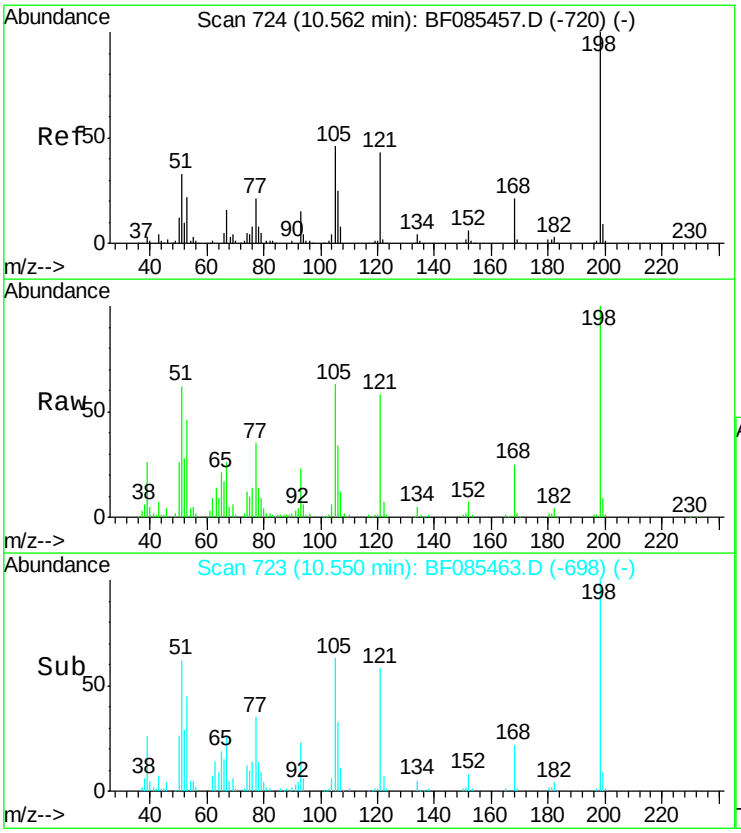
Tgt Ion:188 Resp: 527145

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.6
80	8.6	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
PB88908BS

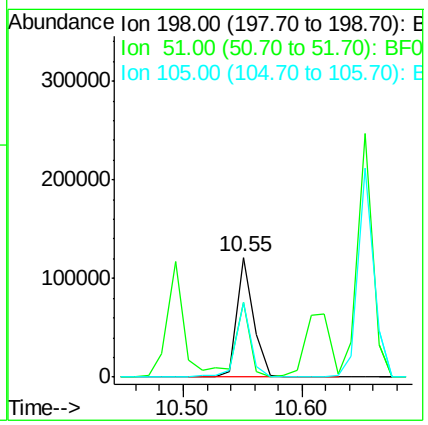
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

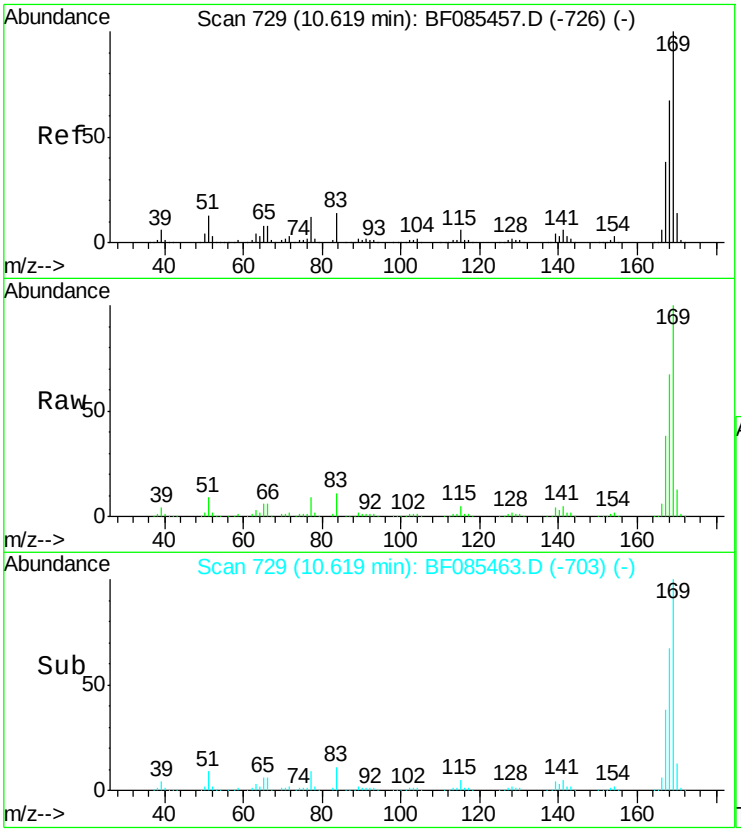


#64
4,6-Dinitro-2-methylphenol
Concen: 37.82 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:198 Resp: 119104

Ion	Ratio	Lower	Upper
198	100		
51	61.9	9.5	49.5#
105	62.8	20.5	60.5#

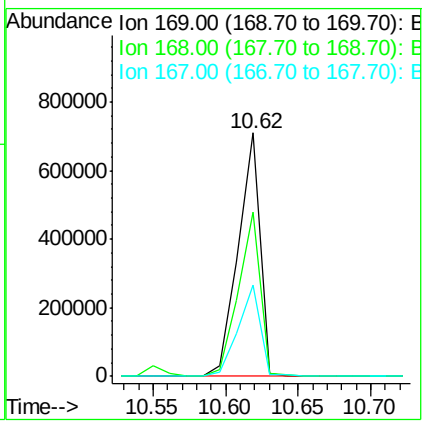




#65
n-Nitrosodiphenylamine
Concen: 45.74 ng
RT: 10.62 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

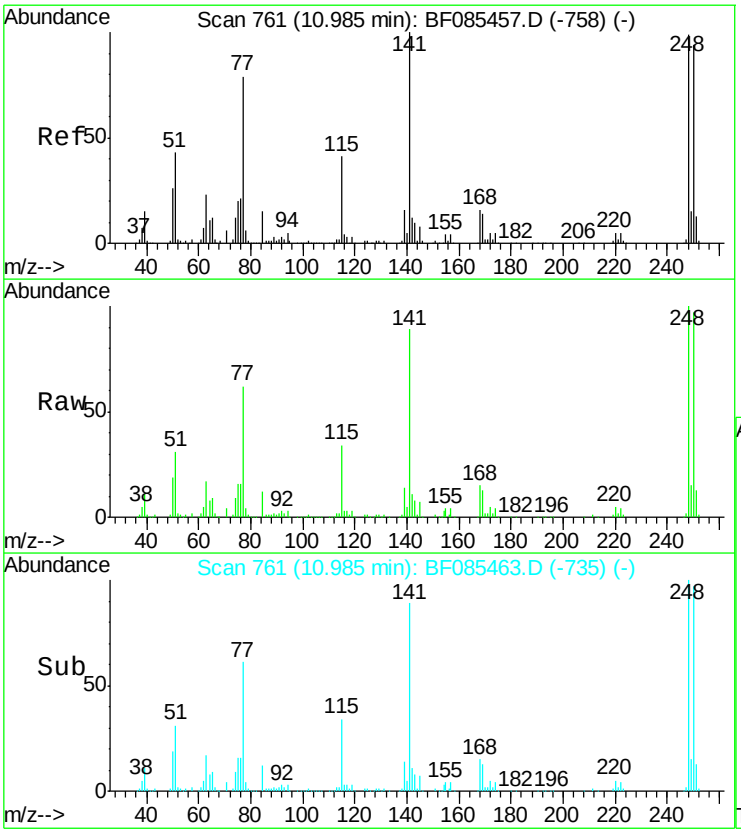
Tgt Ion:169 Resp: 742992

Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.8	82.2
167	37.6	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
PB88908BS

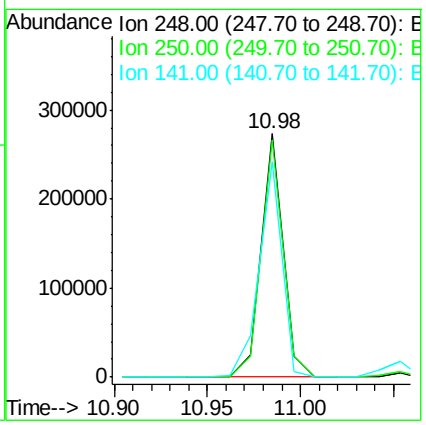
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

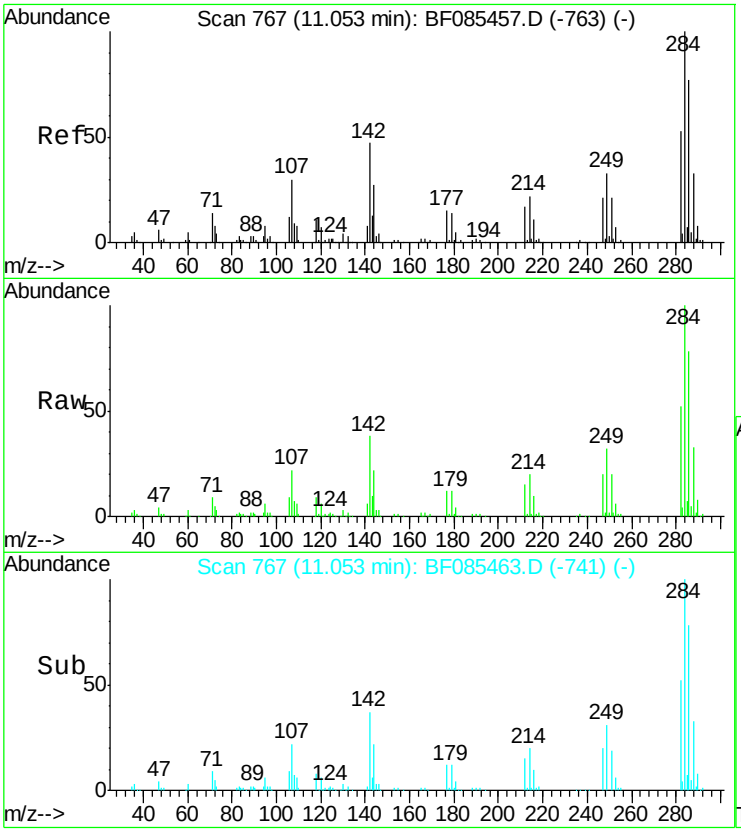


#66
4-Bromophenyl-phenylether
Concen: 41.42 ng
RT: 10.98 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:248 Resp: 220987

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	88.6	66.2	99.2

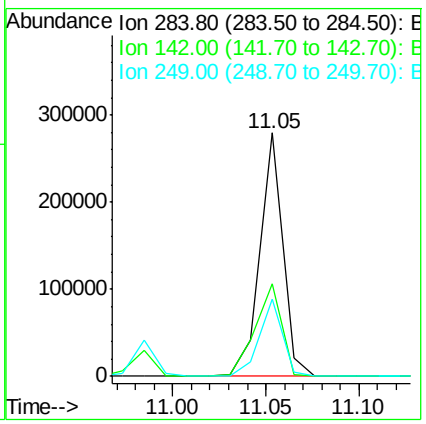




#67
Hexachlorobenzene
Concen: 42.87 ng
RT: 11.05 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

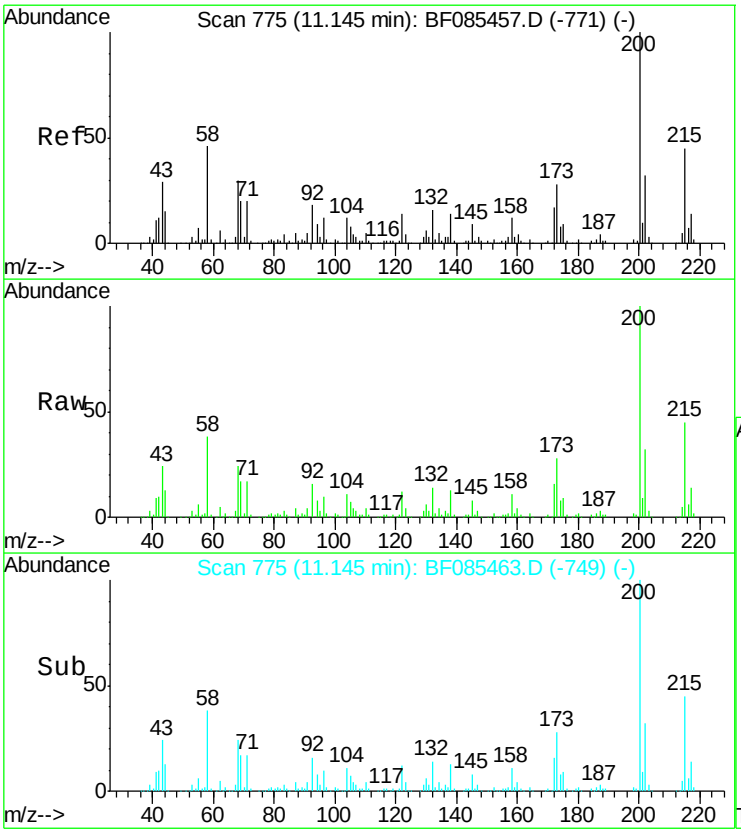
Tgt Ion:284 Resp: 236019

Ion	Ratio	Lower	Upper
284	100		
142	37.9	24.9	37.3#
249	31.9	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
PB88908BS

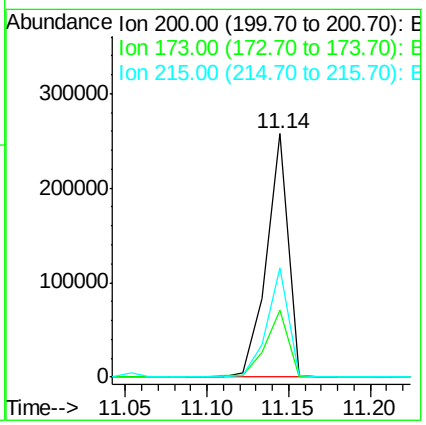
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

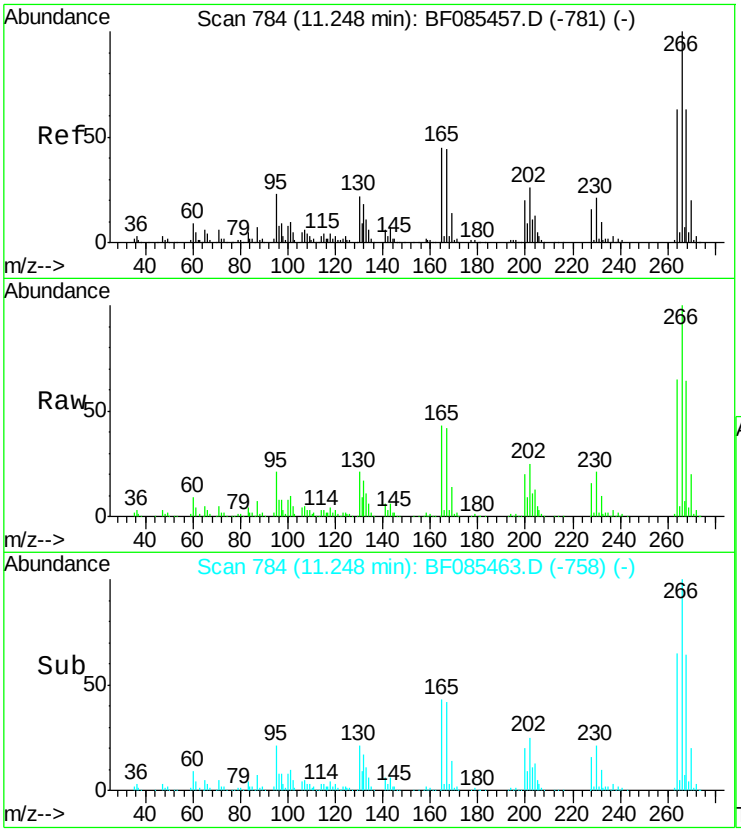


#68
Atrazine
Concen: 51.47 ng
RT: 11.14 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:200 Resp: 239251

Ion	Ratio	Lower	Upper
200	100		
173	27.8	10.5	50.5
215	45.0	23.4	63.4

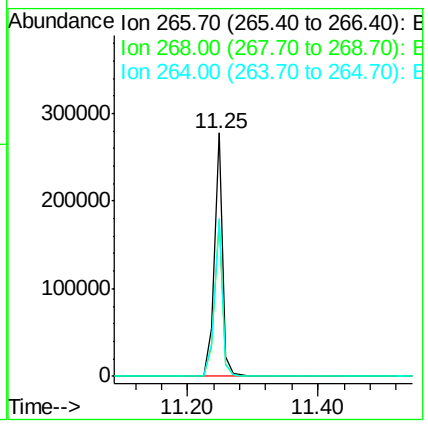




#69
Pentachlorophenol
Concen: 86.00 ng
RT: 11.25 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

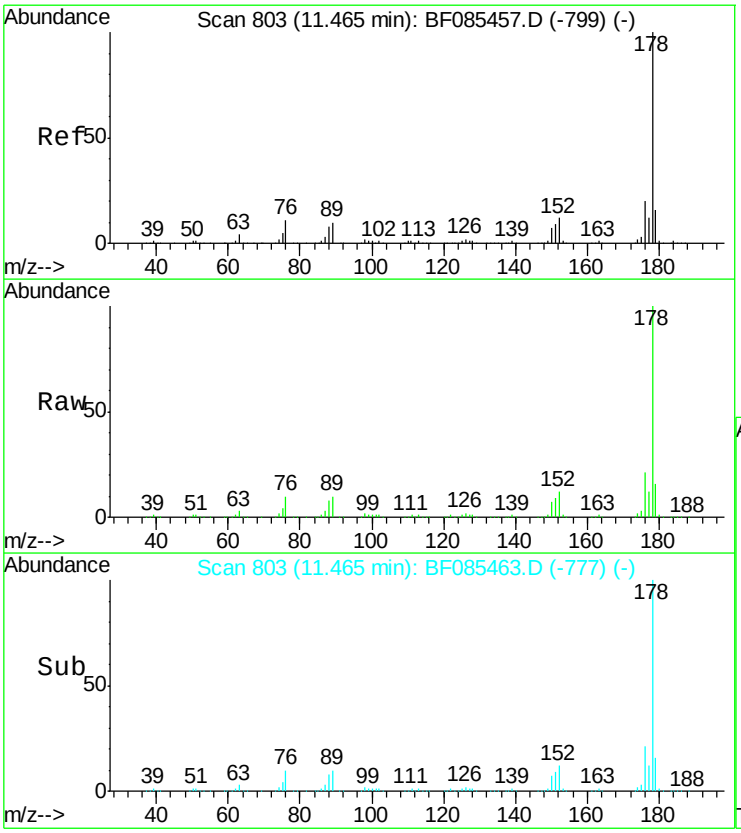
Tgt Ion:266 Resp: 250939

Ion	Ratio	Lower	Upper
266	100		
268	64.0	50.0	75.0
264	64.6	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
PB88908BS

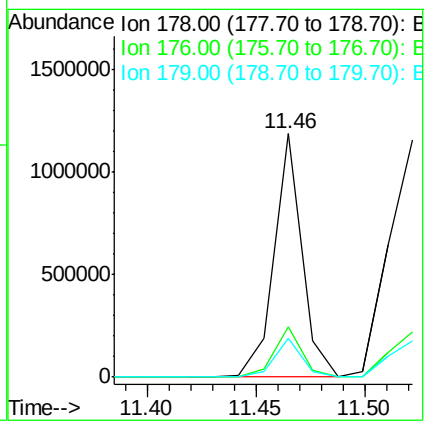
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

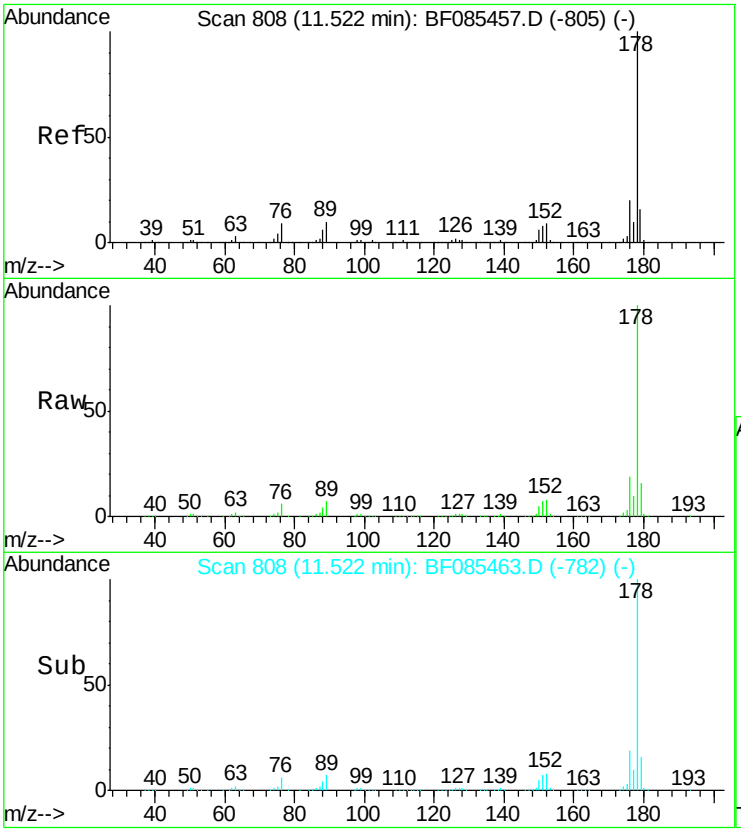


#70
Phenanthrene
Concen: 39.15 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:178 Resp: 1074985

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.8	25.2
179	16.2	13.1	19.7

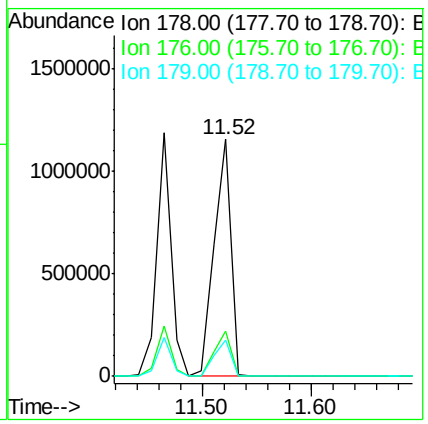




#71
Anthracene
Concen: 45.16 ng
RT: 11.52 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

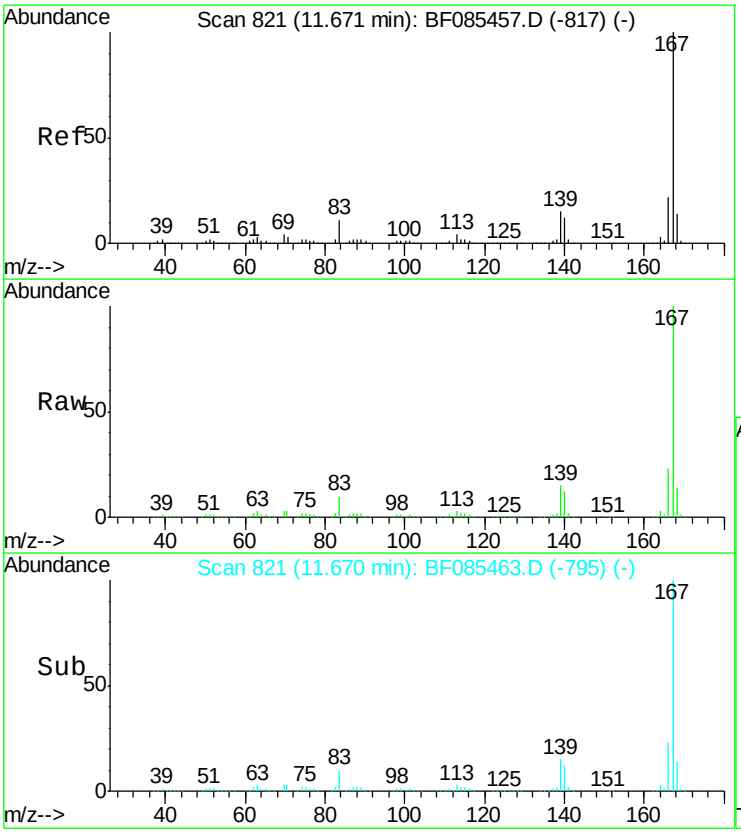
Tgt Ion:178 Resp: 1262992

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.9	23.9
179	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB88908BS

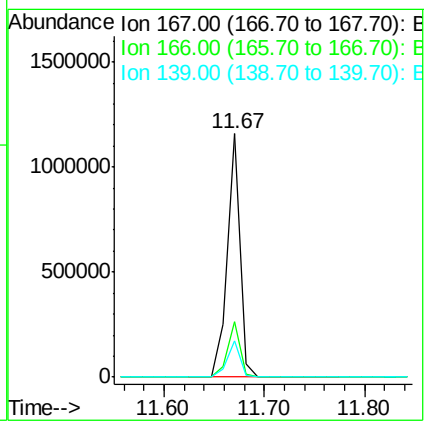
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

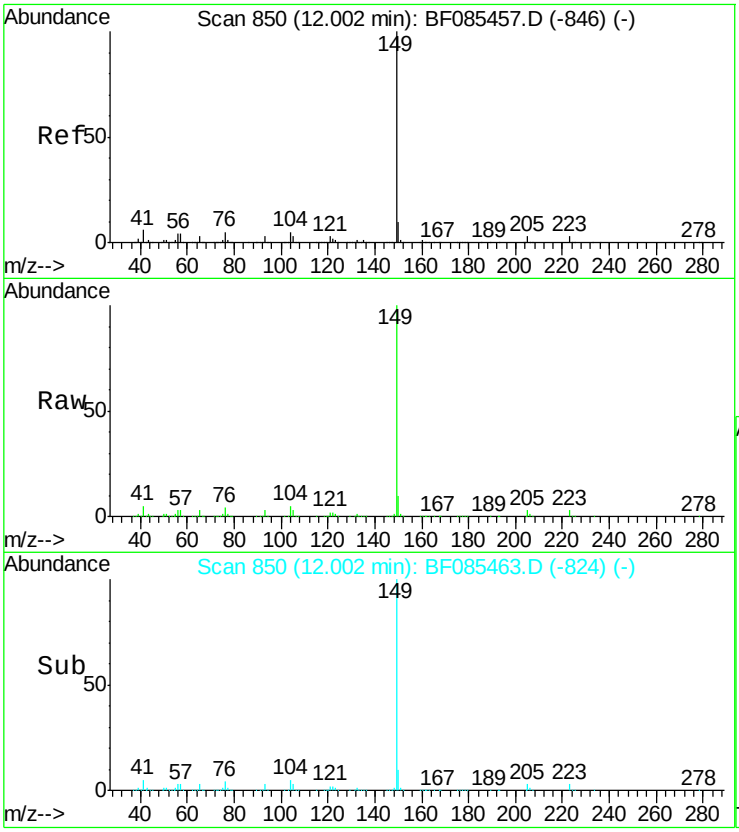


#72
Carbazole
Concen: 42.99 ng
RT: 11.67 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:167 Resp: 1017200

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	15.0	11.4	17.0

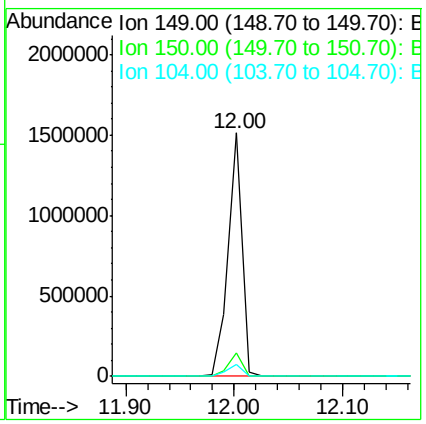




#73
Di-n-butylphthalate
Concen: 45.24 ng
RT: 12.00 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

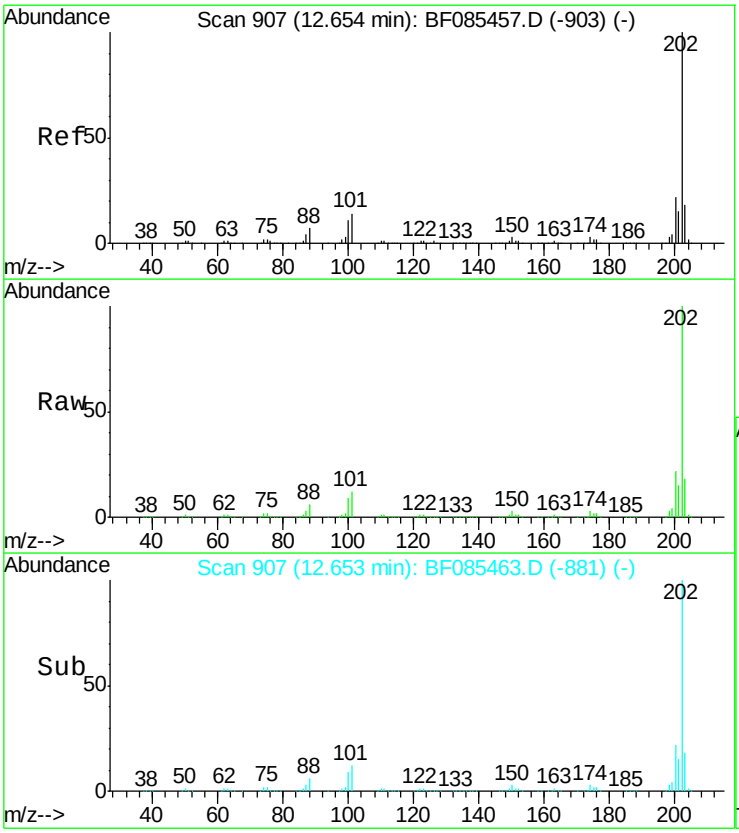
Tgt Ion:149 Resp: 1326220

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.8	4.7	7.1



Instrument :
BNA_F
ClientSampleId :
PB88908BS

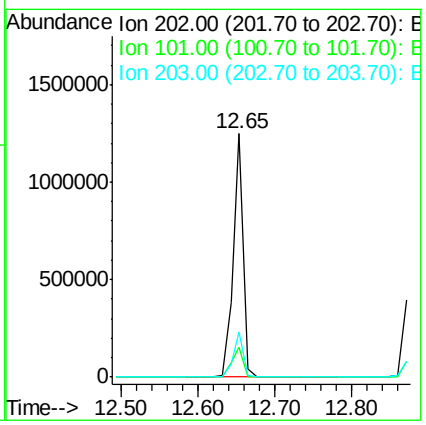
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

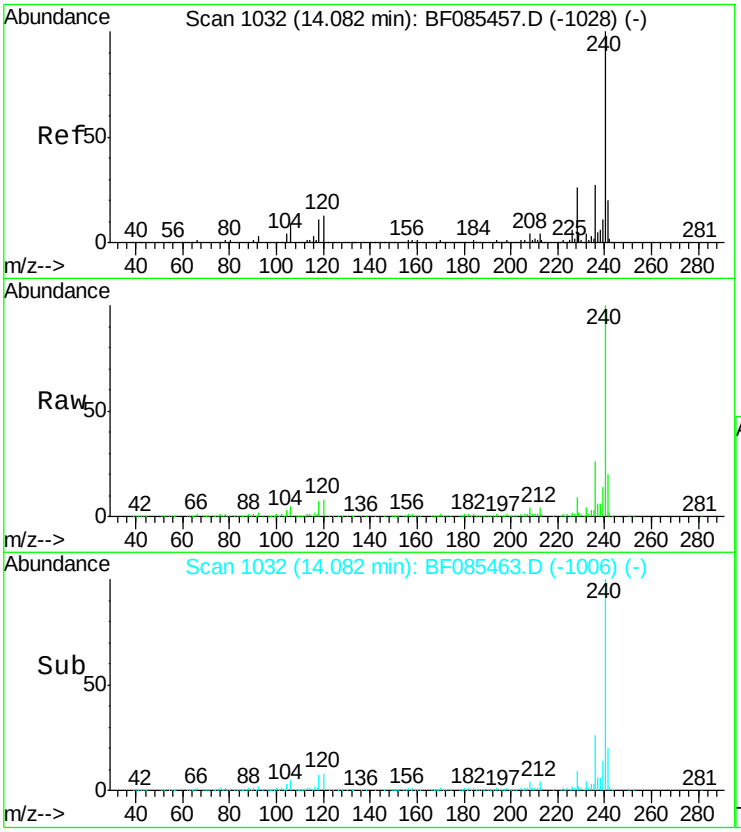


#74
Fluoranthene
Concen: 45.02 ng
RT: 12.65 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:202 Resp: 1162019

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.8
203	18.3	0.0	38.4

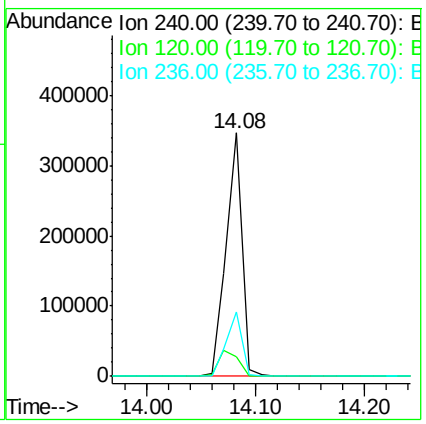




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

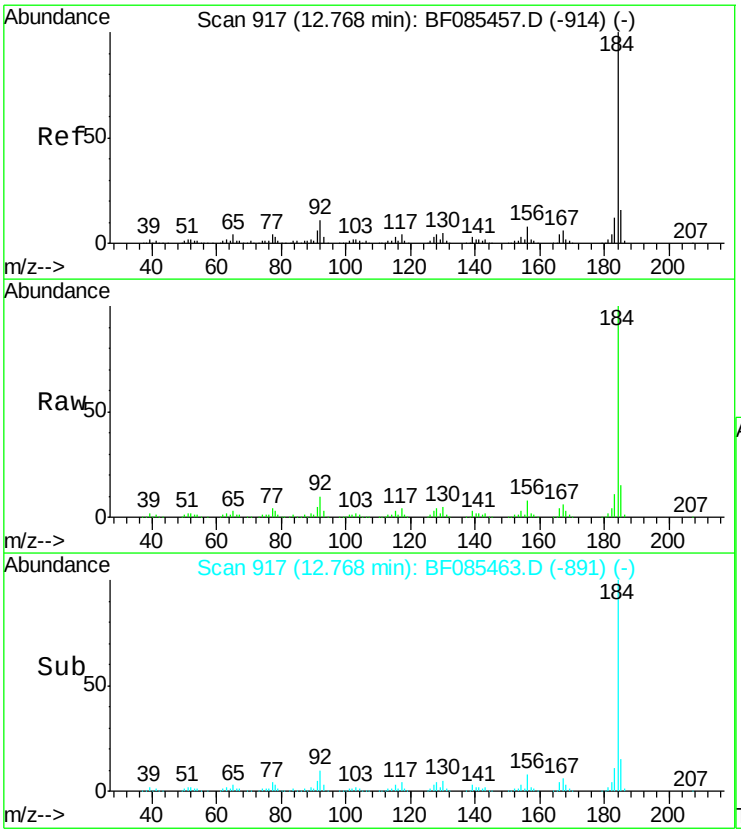
Tgt Ion:240 Resp: 350017

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.3	7.9#
236	26.4	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
PB88908BS

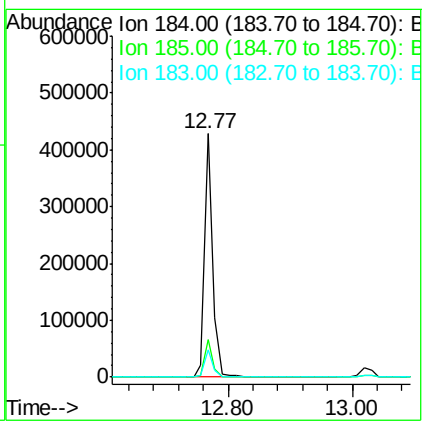
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

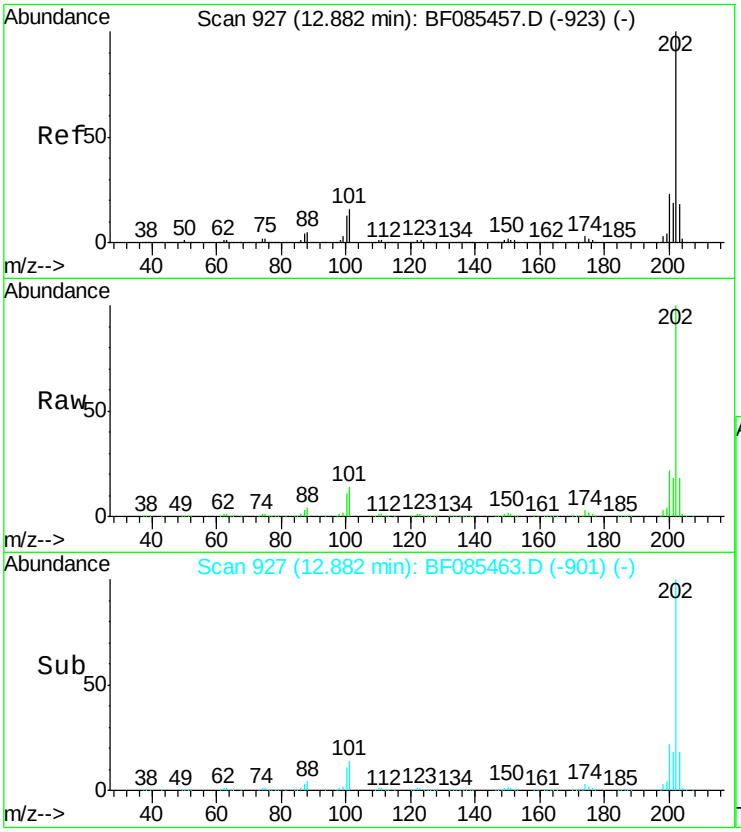


#76
Benzidine
Concen: 36.02 ng
RT: 12.77 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:184 Resp: 391614

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.4	18.6
183	11.4	9.4	14.2

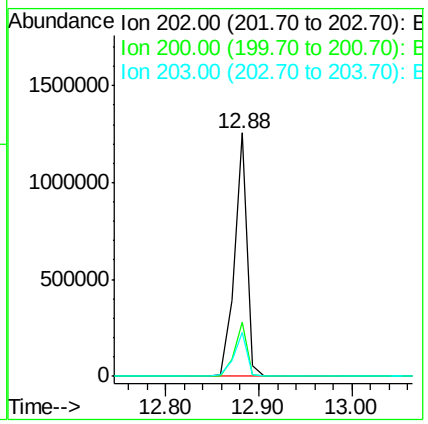




#77
Pyrene
Concen: 45.13 ng
RT: 12.88 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

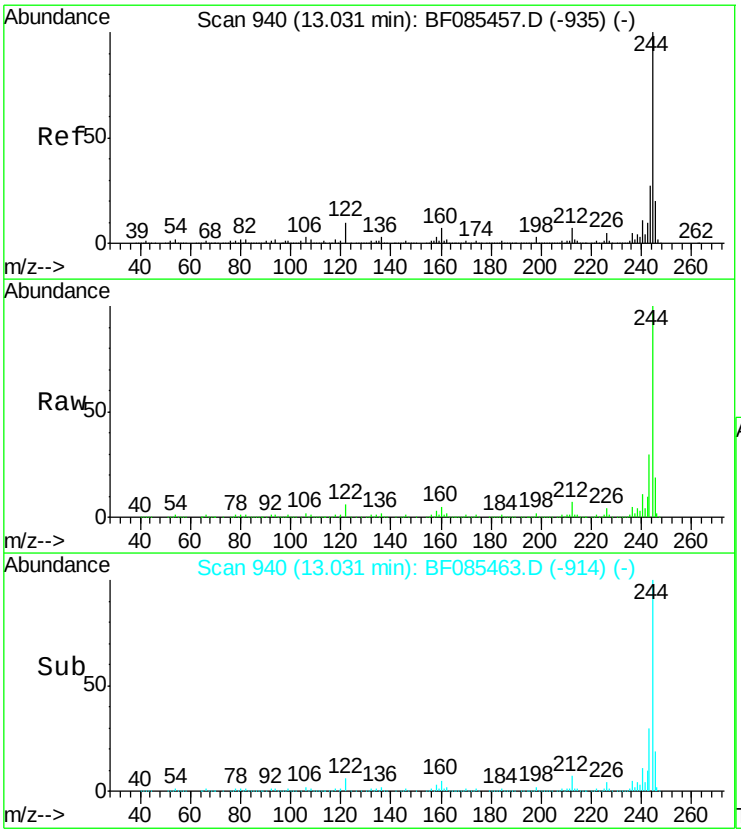
Tgt Ion:202 Resp: 1184832

Ion	Ratio	Lower	Upper
202	100		
200	22.5	18.2	27.4
203	17.9	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
PB88908BS

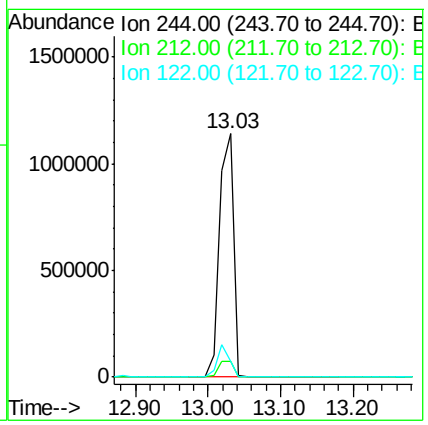
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

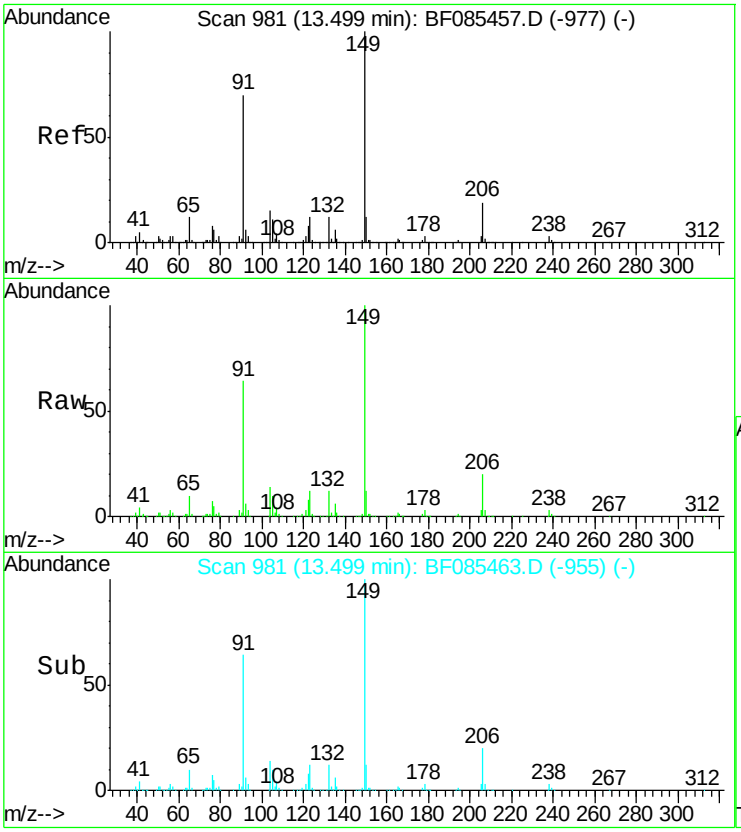


#78
Terphenyl-d14
Concen: 98.66 ng
RT: 13.03 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:244 Resp: 1526554

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.4	9.6
122	6.4	11.4	17.2#

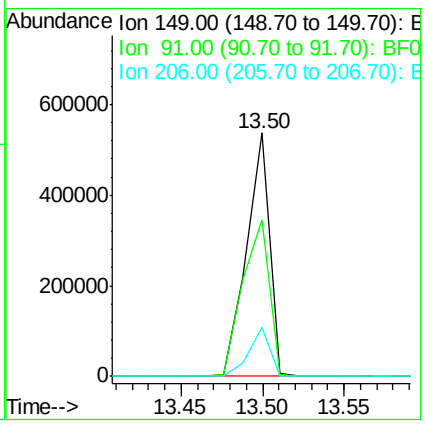




#79
Butylbenzylphthalate
Concen: 45.73 ng
RT: 13.50 min Scan# 981
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

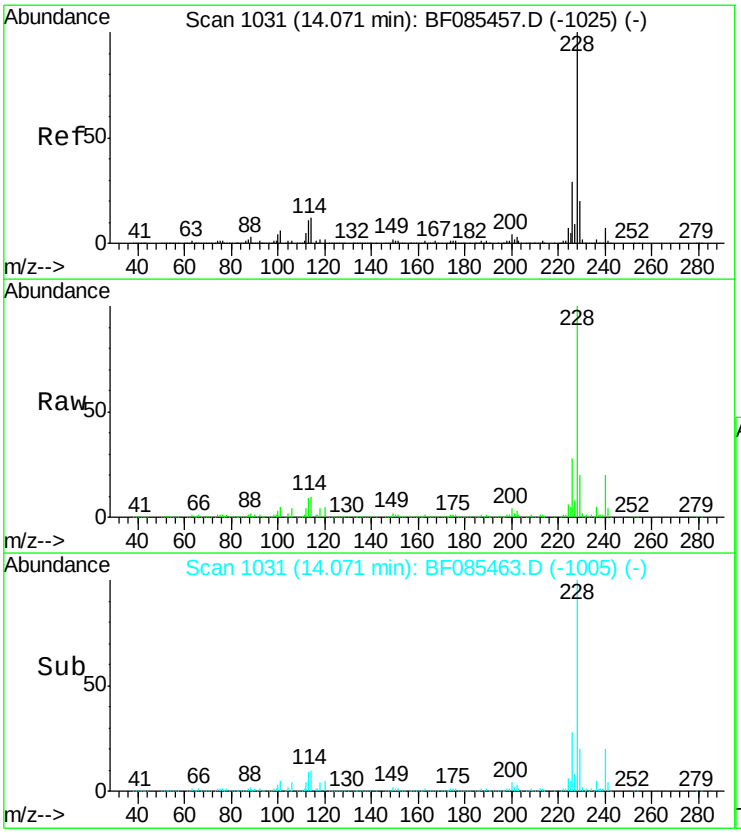
Tgt Ion:149 Resp: 524876

Ion	Ratio	Lower	Upper
149	100		
91	64.1	69.0	103.4#
206	20.3	12.3	18.5#



Instrument :
BNA_F
ClientSampleId :
PB88908BS

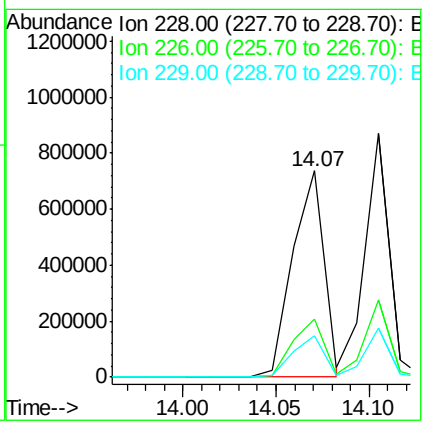
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

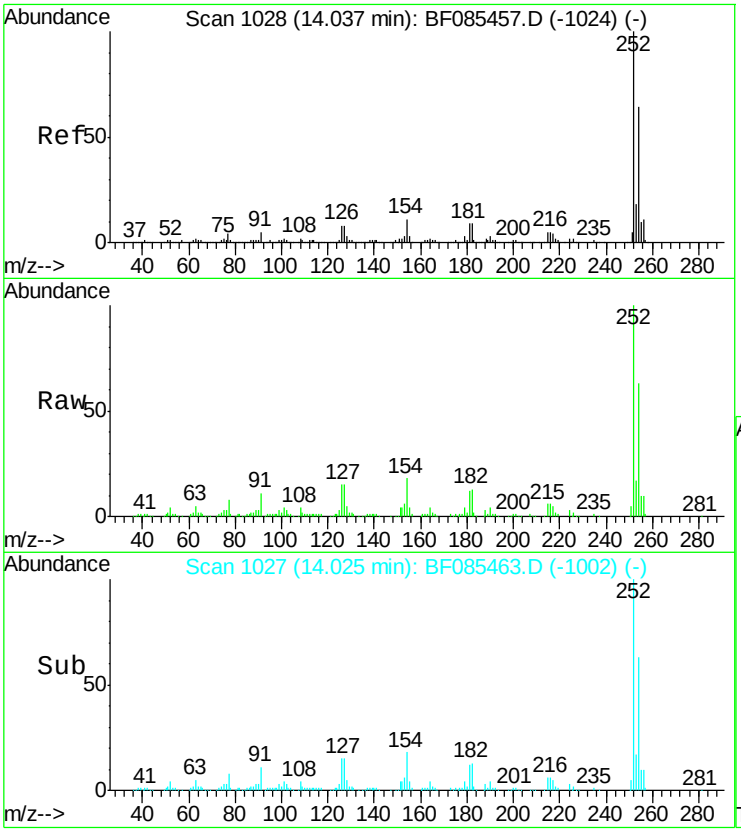


#80
Benzo(a)anthracene
Concen: 43.07 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:228 Resp: 864216

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	19.9	16.6	24.8

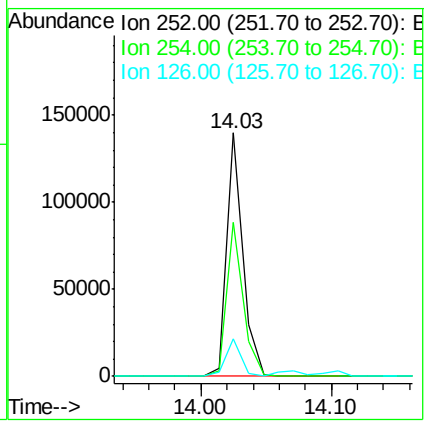




#81
3,3'-Dichlorobenzidine
Concen: 17.80 ng
RT: 14.03 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

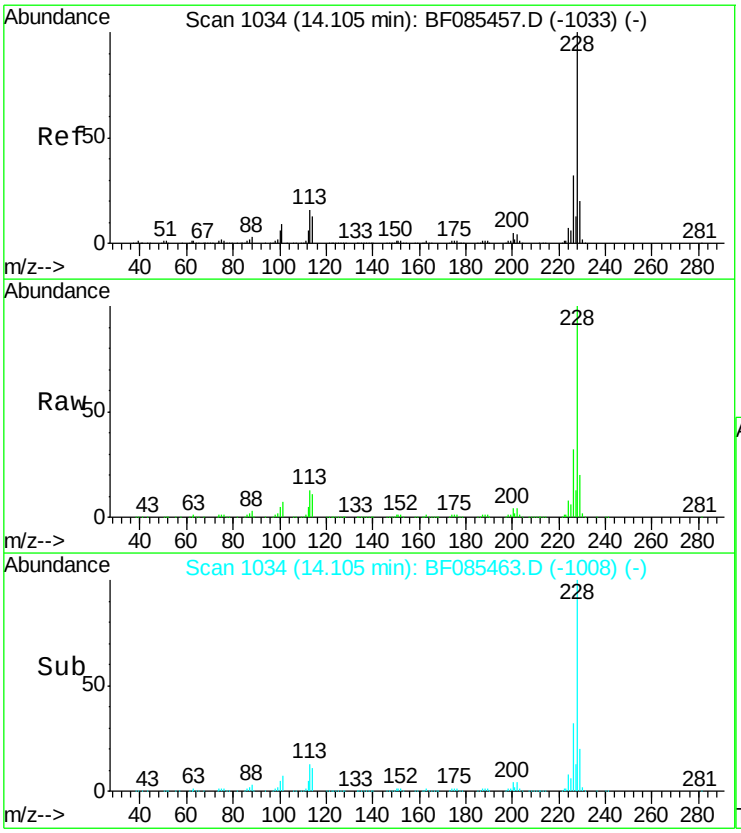
Tgt Ion:252 Resp: 120921

Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.4	77.0
126	15.3	12.9	19.3



Instrument :
BNA_F
ClientSampleId :
PB88908BS

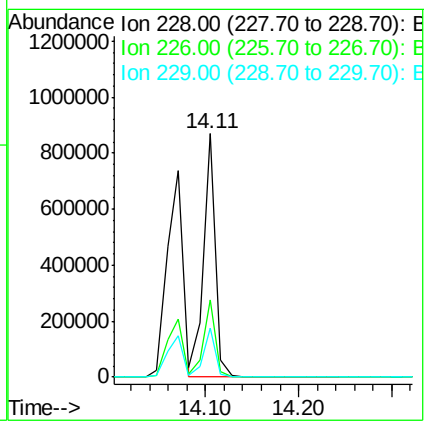
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

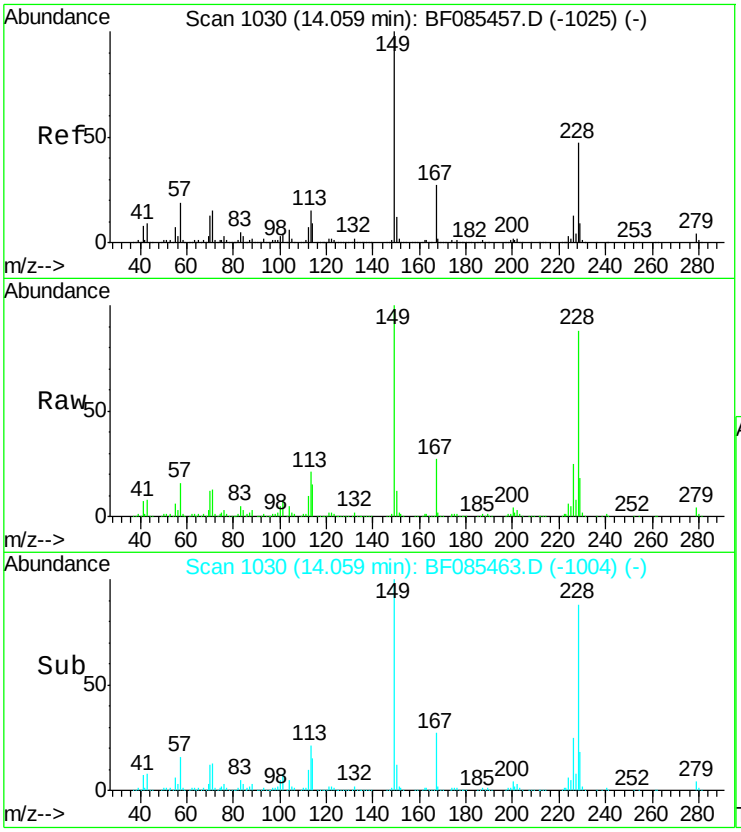


#82
Chrysene
Concen: 43.19 ng
RT: 14.11 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:228 Resp: 779631

Ion	Ratio	Lower	Upper
228	100		
226	32.0	25.2	37.8
229	20.3	16.0	24.0





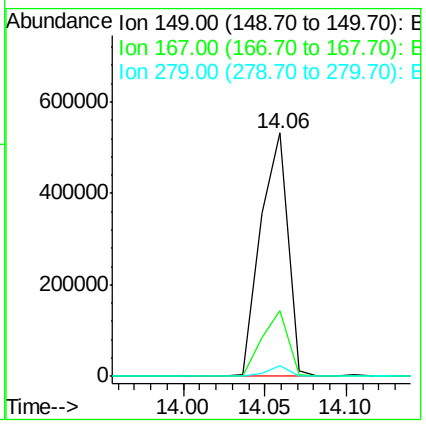
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.48 ng
RT: 14.06 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

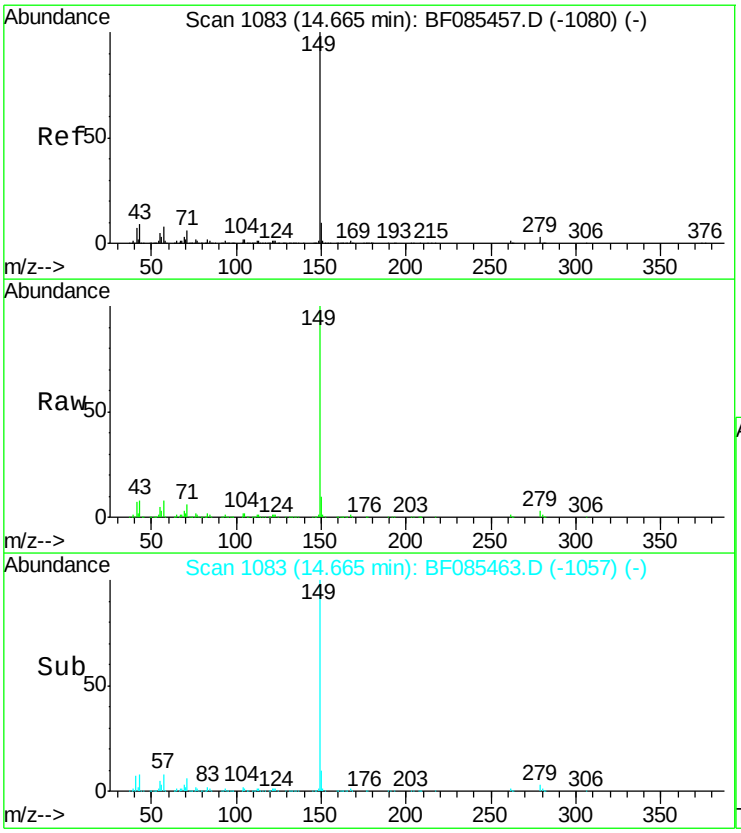
Tgt Ion:149 Resp: 622764

Ion	Ratio	Lower	Upper
149	100		
167	27.2	20.3	30.5
279	4.4	1.9	2.9#

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

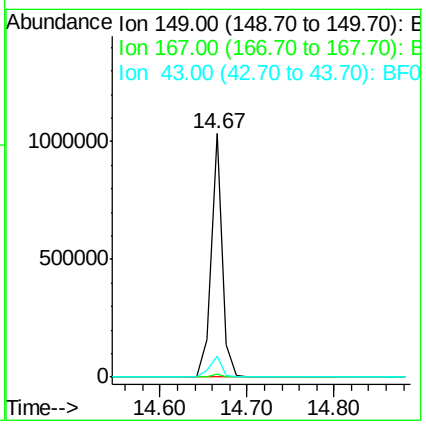


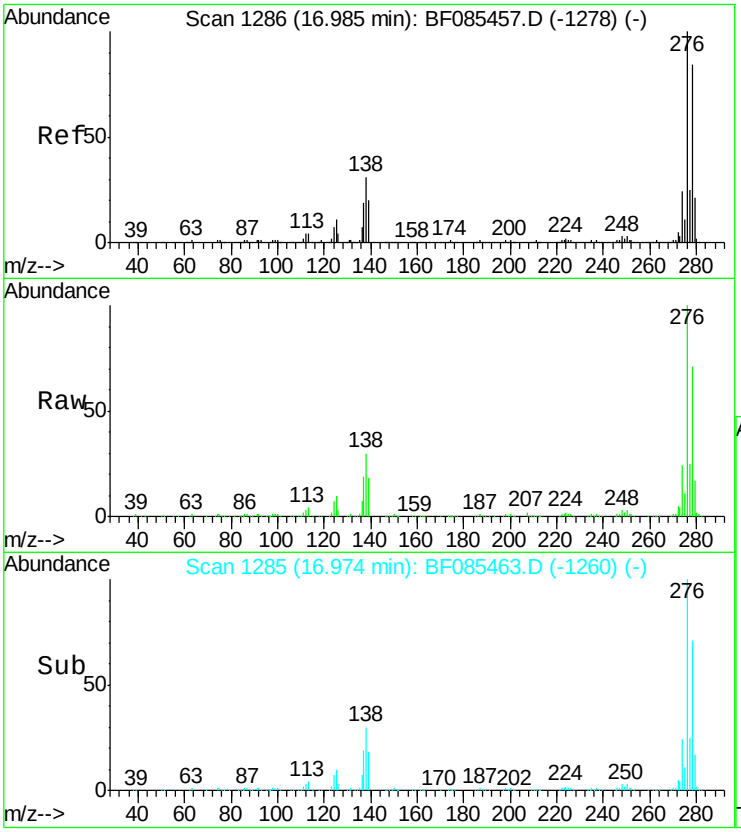


#84
Di-n-octyl phthalate
Concen: 45.20 ng
RT: 14.67 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:149 Resp: 923961

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	9.1	7.8	11.8

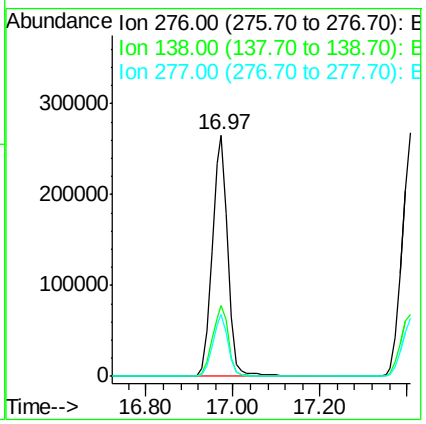




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.52 ng
RT: 16.97 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

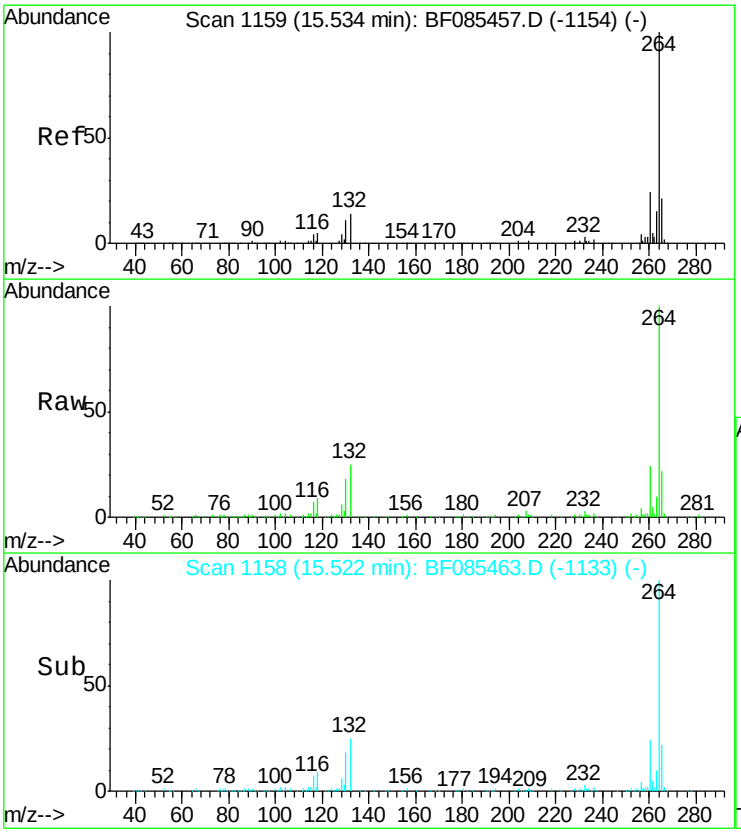
Tgt Ion:276 Resp: 676192

Ion	Ratio	Lower	Upper
276	100		
138	30.1	26.4	39.6
277	25.4	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
PB88908BS

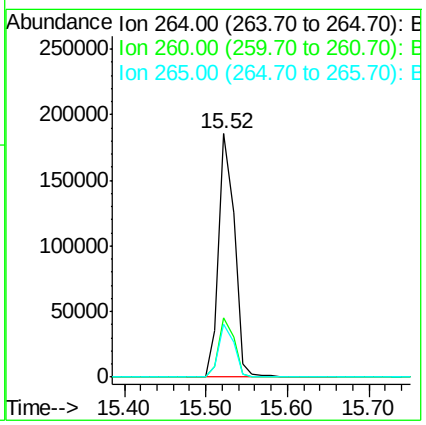
Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

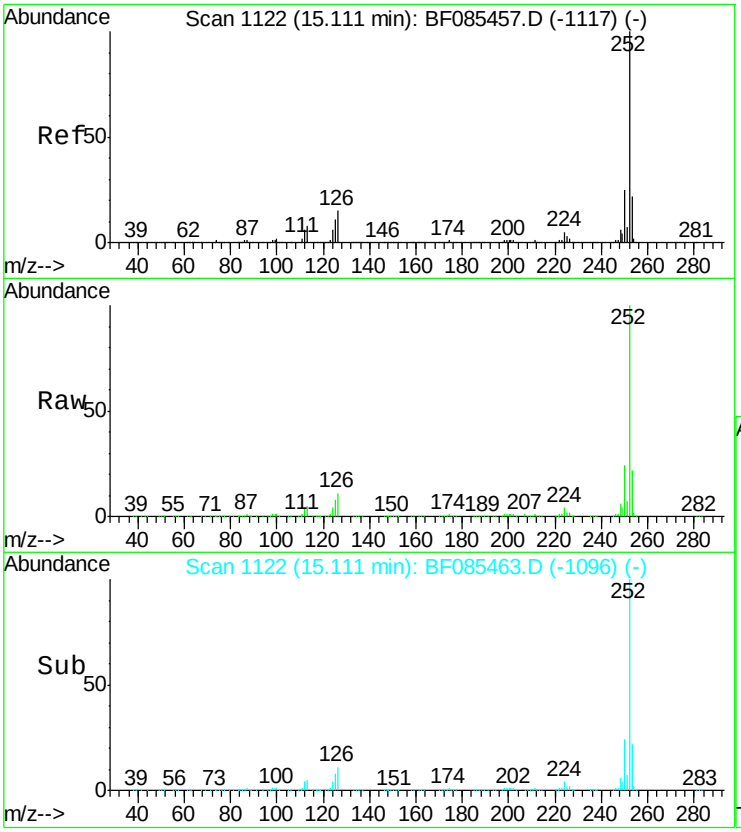


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:264 Resp: 249258

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.7	17.3	25.9





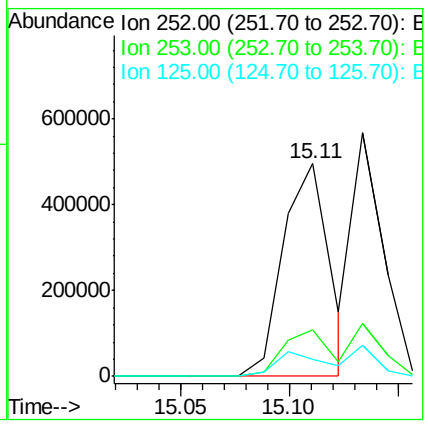
#87
Benzo(b)fluoranthene
Concen: 44.95 ng
RT: 15.11 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

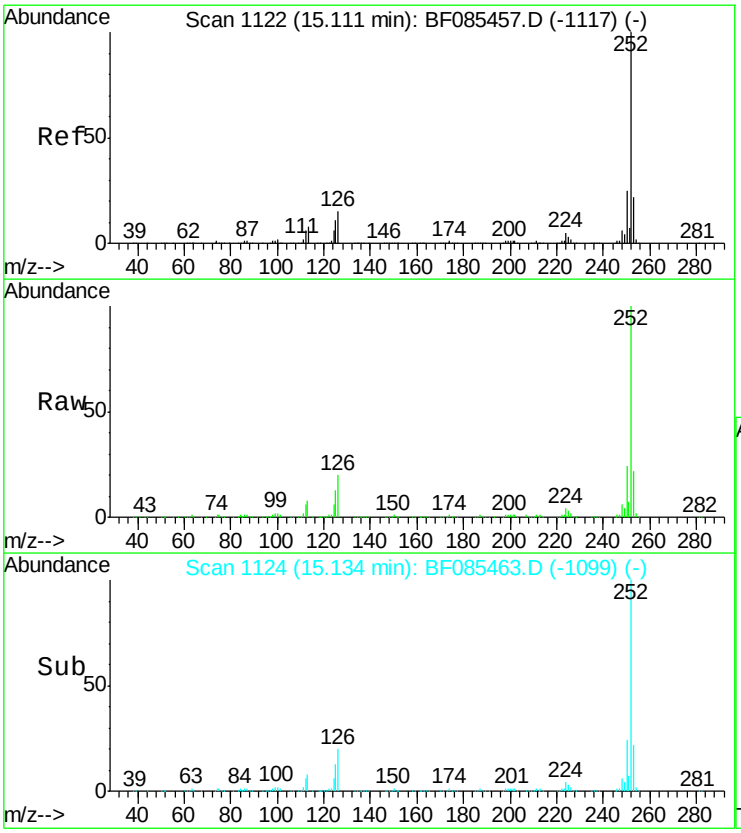
Tgt Ion:252 Resp: 731794

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.0	11.3	16.9#

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

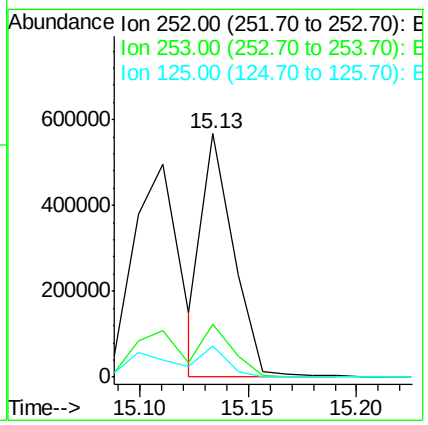


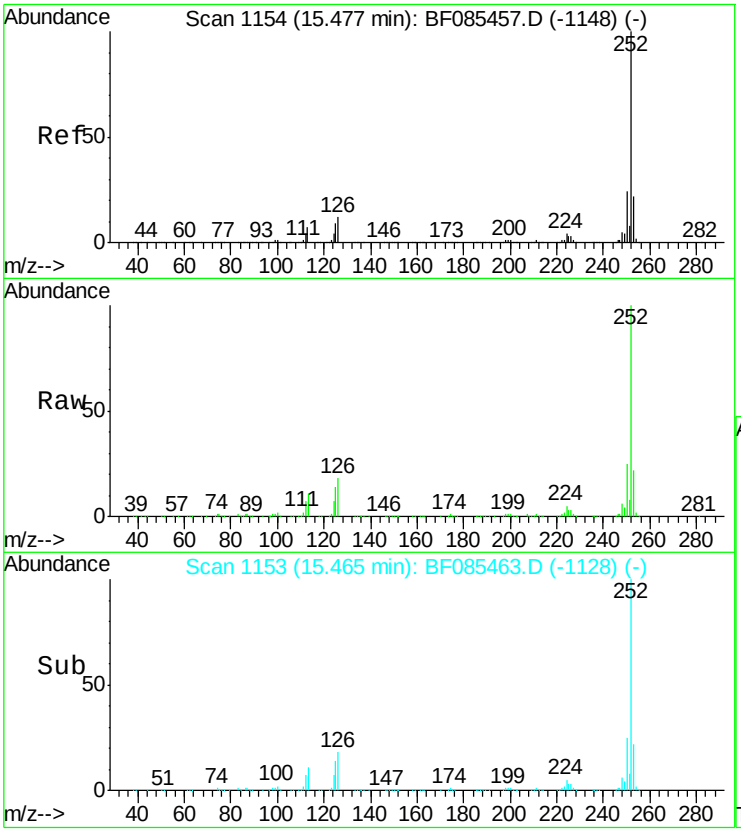


#88
Benzo(k)fluoranthene
Concen: 44.66 ng m
RT: 15.13 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:252 Resp: 569443

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	13.0	10.4	15.6





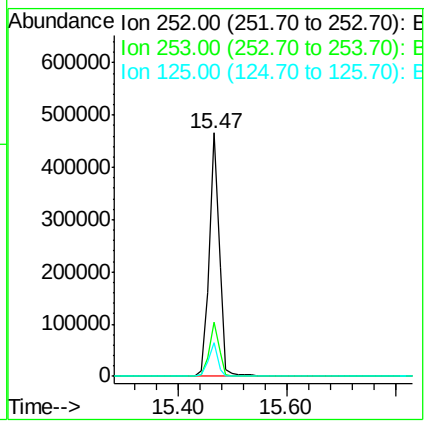
#89
Benzo(a)pyrene
Concen: 43.15 ng
RT: 15.47 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

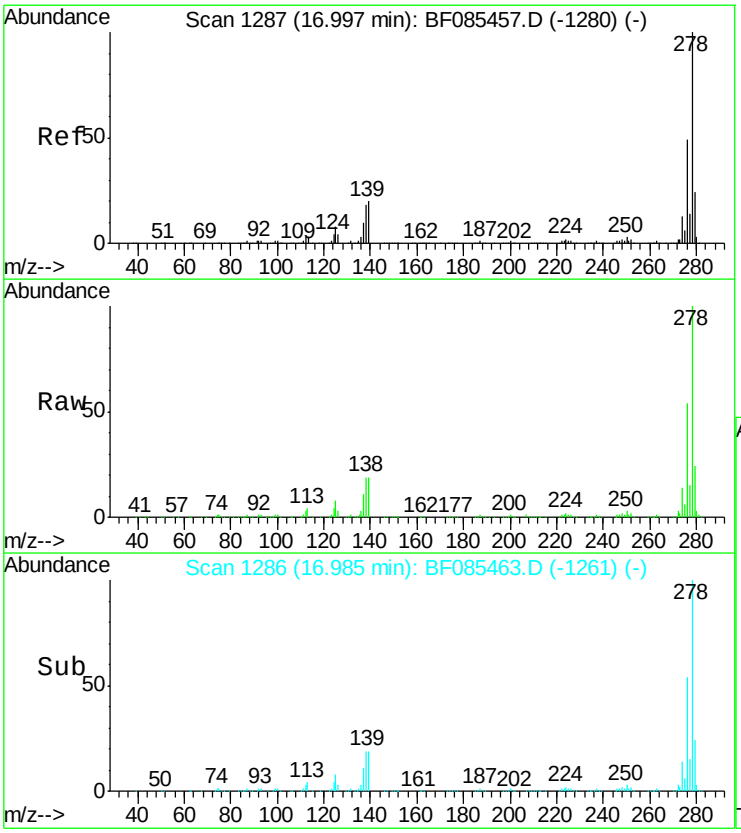
Tgt Ion:252 Resp: 606787

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	13.9	8.2	12.4#

Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM

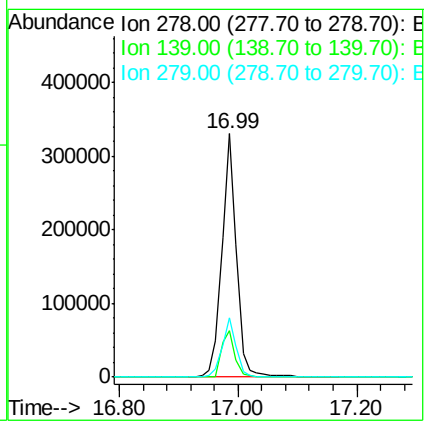


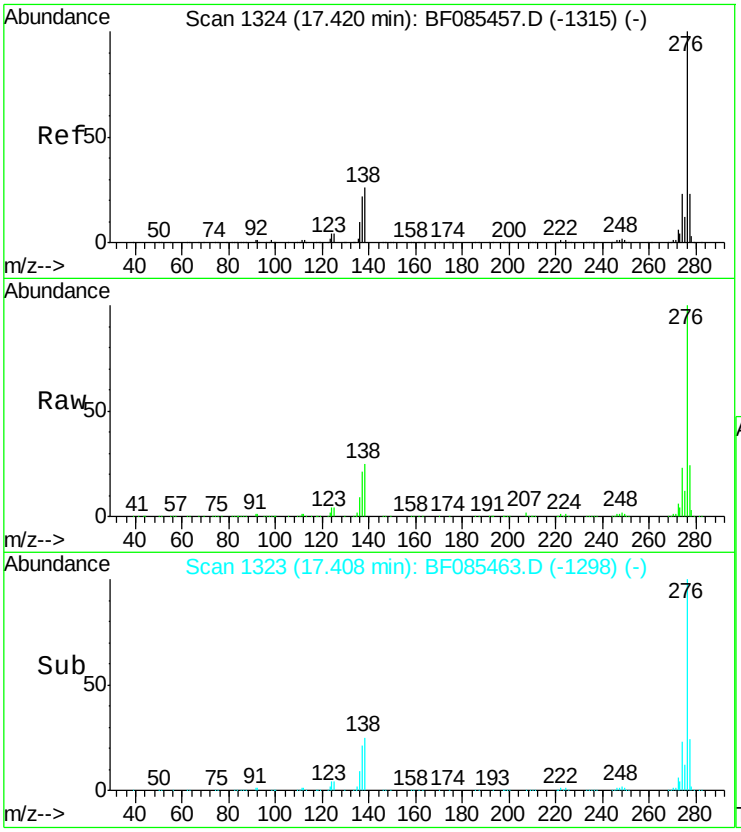


#90
Dibenzo(a,h)anthracene
Concen: 41.22 ng
RT: 16.99 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:278 Resp: 566336

Ion	Ratio	Lower	Upper
278	100		
139	19.1	17.3	25.9
279	24.1	19.2	28.8

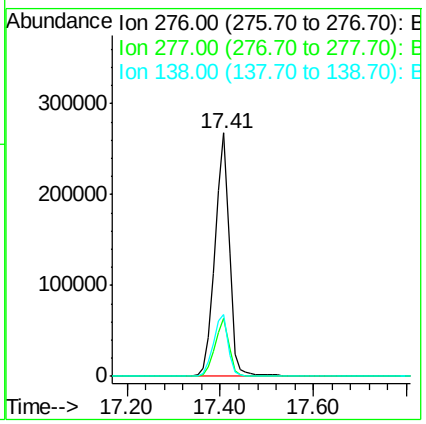




#91
Benzo(g,h,i)perylene
Concen: 40.20 ng
RT: 17.41 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF085463.D
Acq: 15 Mar 2016 19:29

Tgt Ion:276 Resp: 564066

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	25.3	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
PB88908BS

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:41 PM