Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085174.D
Acq On : 3 Mar 2016 23:34
Operator : SJ/UM
Sample : H1663-06MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

Quant Time: Mar 04 03:15:19 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	6.98	152	157646	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	635181	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	295867	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	552262	20.00	ng		0.00
75) Chrysene-d12	14.14	240	361806	20.00	ng		-0.01
86) Perylene-d12	15.61	264	291050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1344625	143.07	ng		0.01
7) Phenol-d6	6.61	99	1751894	142.28	ng		0.00
23) Nitrobenzene-d5	7.54	82	1182365	99.61	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	402875	159.14	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1735721	89.22	ng		-0.01
78) Terphenyl-d14	13.09	244	1470077	94.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	193485	40.26	ng		100
3) Pyridine	3.50	79	582387	48.42	ng		99
4) n-Nitrosodimethylamine	3.45	42	248111	48.19	ng		97
6) Aniline	6.64	93	569772	33.01	ng		99
8) 2-Chlorophenol	6.77	128	584268	51.64	ng		98
9) Benzaldehyde	6.53	77	199484	32.85	ng		92
10) Phenol	6.62	94	599834m	45.48	ng		
11) bis(2-Chloroethyl)ether	6.72	93	531513	48.53	ng		92
12) 1,3-Dichlorobenzene	6.92	146	550279m	45.30	ng		
13) 1,4-Dichlorobenzene	7.00	146	557105	45.76	ng		98
14) 1,2-Dichlorobenzene	7.16	146	555736	50.31	ng		96
15) Benzyl Alcohol	7.12	79	535995	59.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	751343	47.59	ng		99
17) 2-Methylphenol	7.22	107	484598	52.49	ng		97
18) Hexachloroethane	7.50	117	217591	48.45	ng		96
19) n-Nitroso-di-n-propylamine	7.40	70	390025	48.60	ng	#	90
20) 3+4-Methylphenols	7.38	107	583332	53.34	ng		92
22) Acetophenone	7.40	105	755676	48.74	ng	#	92
24) Nitrobenzene	7.57	77	660674	54.79	ng	#	89
25) Isophorone	7.81	82	1141213	51.88	ng		96
26) 2-Nitrophenol	7.88	139	281348	47.95	ng	#	68
27) 2,4-Dimethylphenol	7.91	122	504459	47.04	ng		94
28) bis(2-Chloroethoxy)methane	8.01	93	724473	59.14	ng		99
29) 2,4-Dichlorophenol	8.12	162	429986	49.72	ng		89
30) 1,2,4-Trichlorobenzene	8.21	180	476674	50.98	ng		99
31) Naphthalene	8.29	128	1526779	48.88	ng		99
32) Benzoic acid	7.97	122	26601	3.73	ng		97
33) 4-Chloroaniline	8.33	127	274526	21.73	ng	#	92
34) Hexachlorobutadiene	8.40	225	233274	47.95	ng		97
35) Caprolactam	8.70	113	172856m	61.20	ng		
36) 4-Chloro-3-methylphenol	8.81	107	524811	53.49	ng		98
37) 2-Methylnaphthalene	8.98	142	1077506	53.76	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	392384	46.37	ng		99
40) Hexachlorocyclopentadiene	9.13	237	451299	98.89	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085174.D
Acq On : 3 Mar 2016 23:34
Operator : SJ/UM
Sample : H1663-06MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

Quant Time: Mar 04 03:15:19 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	9.26	196	336597	53.44	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	318973	53.41	ng		97
45) 1,1'-Biphenyl	9.44	154	1121829	44.38	ng		98
46) 2-Chloronaphthalene	9.46	162	888100	46.09	ng	#	92
47) 2-Nitroaniline	9.56	65	288268	48.28	ng		98
48) Acenaphthylene	9.89	152	1556124	51.89	ng		99
49) Dimethylphthalate	9.75	163	1378767	60.71	ng		99
50) 2,6-Dinitrotoluene	9.81	165	273139	56.22	ng	#	82
51) Acenaphthene	10.06	154	953531	52.37	ng		99
52) 3-Nitroaniline	9.97	138	169941	29.24	ng	#	78
53) 2,4-Dinitrophenol	10.07	184	93592	42.18	ng	#	63
54) Dibenzofuran	10.23	168	1336053	56.01	ng		98
55) 4-Nitrophenol	10.13	139	404999	88.67	ng	#	76
56) 2,4-Dinitrotoluene	10.21	165	352424	56.68	ng		97
57) Fluorene	10.57	166	1012865	54.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	261029	62.22	ng		97
59) Diethylphthalate	10.45	149	1158561	52.57	ng		100
60) 4-Chlorophenyl-phenylether	10.56	204	465292	51.04	ng		98
61) 4-Nitroaniline	10.58	138	249814	45.95	ng		99
62) Azobenzene	10.72	77	1245279	57.36	ng		98
64) 4,6-Dinitro-2-methylphenol	10.62	198	159304	48.18	ng		79
65) n-Nitrosodiphenylamine	10.68	169	848776	49.41	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	292104	54.47	ng		95
67) Hexachlorobenzene	11.12	284	311846	54.51	ng		95
68) Atrazine	11.20	200	259107	54.24	ng		99
69) Pentachlorophenol	11.30	266	323570	101.90	ng		99
70) Phenanthrene	11.53	178	1487241	51.39	ng		100
71) Anthracene	11.58	178	1458268	47.46	ng		99
72) Carbazole	11.74	167	1453189	53.94	ng		99
73) Di-n-butylphthalate	12.06	149	1631327	47.90	ng		100
74) Fluoranthene	12.72	202	1551545	53.42	ng		97
76) Benzidine	12.84	184	535622	49.74	ng		99
77) Pyrene	12.95	202	1550922	56.95	ng		100
79) Butylbenzylphthalate	13.56	149	645544	52.24	ng		99
80) Benzo(a)anthracene	14.13	228	1110318	51.26	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	204964	30.00	ng	#	97
82) Chrysene	14.17	228	1110491	55.50	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	879160	54.07	ng		100
84) Di-n-octyl phthalate	14.73	149	1464203	59.13	ng		99
85) Indeno(1,2,3-cd)pyrene	17.09	276	855547	54.79	ng		100
87) Benzo(b)fluoranthene	15.18	252	1096467	56.52	ng		100
88) Benzo(k)fluoranthene	15.21	252	704320m	45.01	ng		
89) Benzo(a)pyrene	15.56	252	853146	53.07	ng		99
90) Dibenzo(a,h)anthracene	17.11	278	712395	51.91	ng		96
91) Benzo(g,h,i)perylene	17.53	276	719338	52.13	ng		99

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

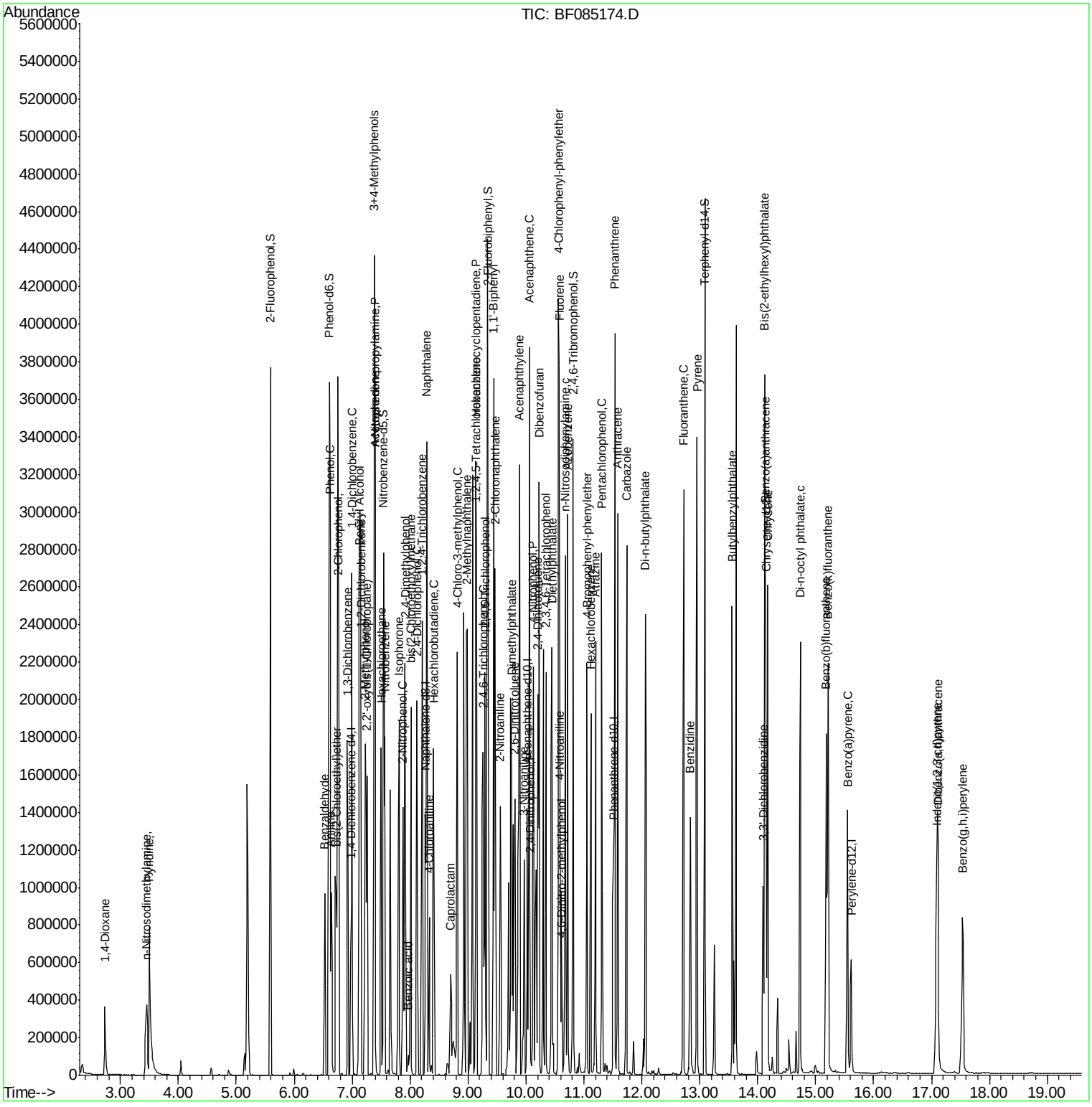
Quantitation Report (QT Reviewed)

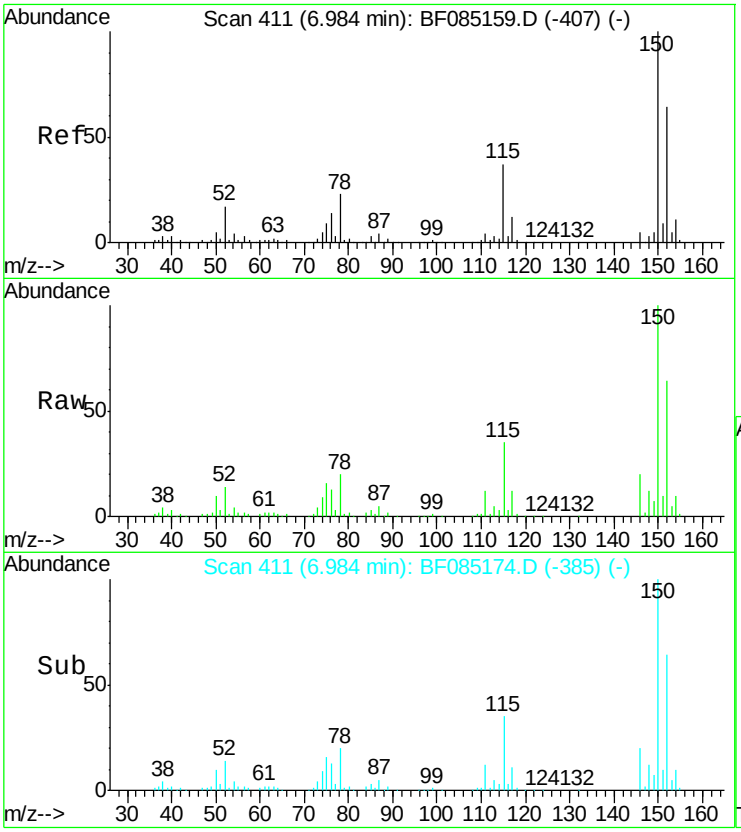
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030316\
Data File : BF085174.D
Acq On : 3 Mar 2016 23:34
Operator : SJ/UM
Sample : H1663-06MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 04 03:15:19 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 :
SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

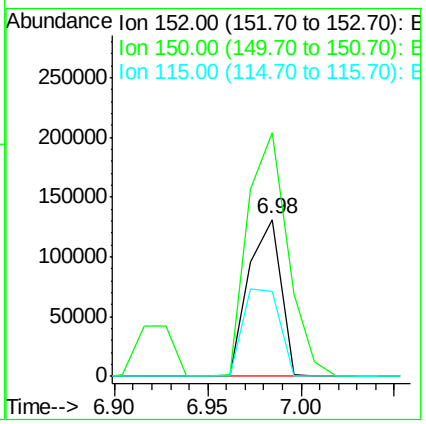




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

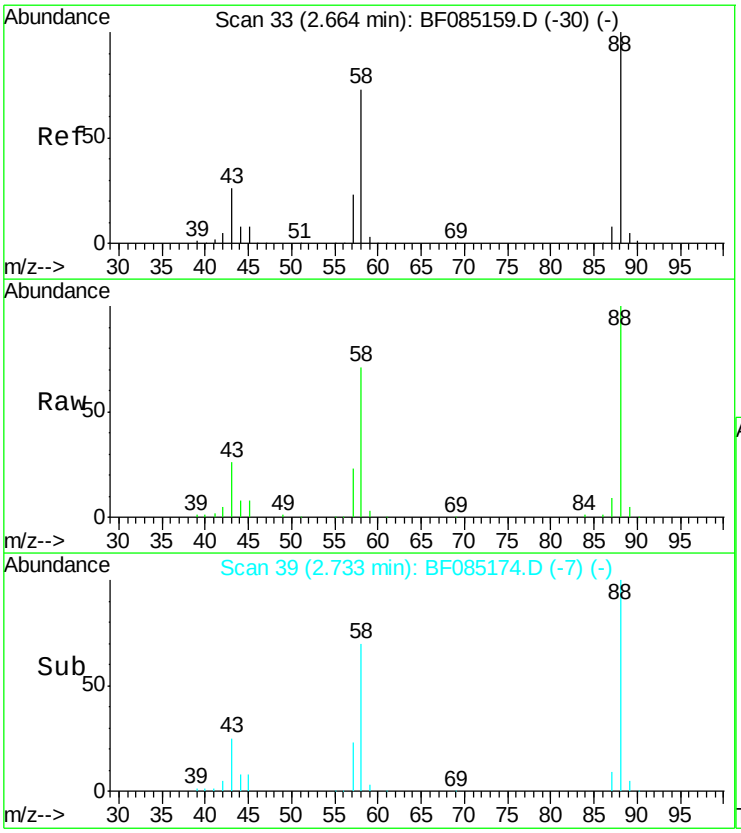
Tgt Ion:152 Resp: 157646

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	53.9	46.6	70.0



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

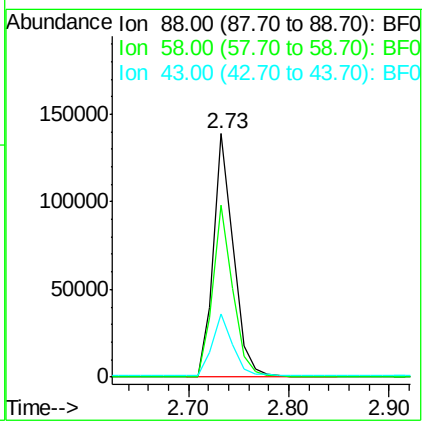
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

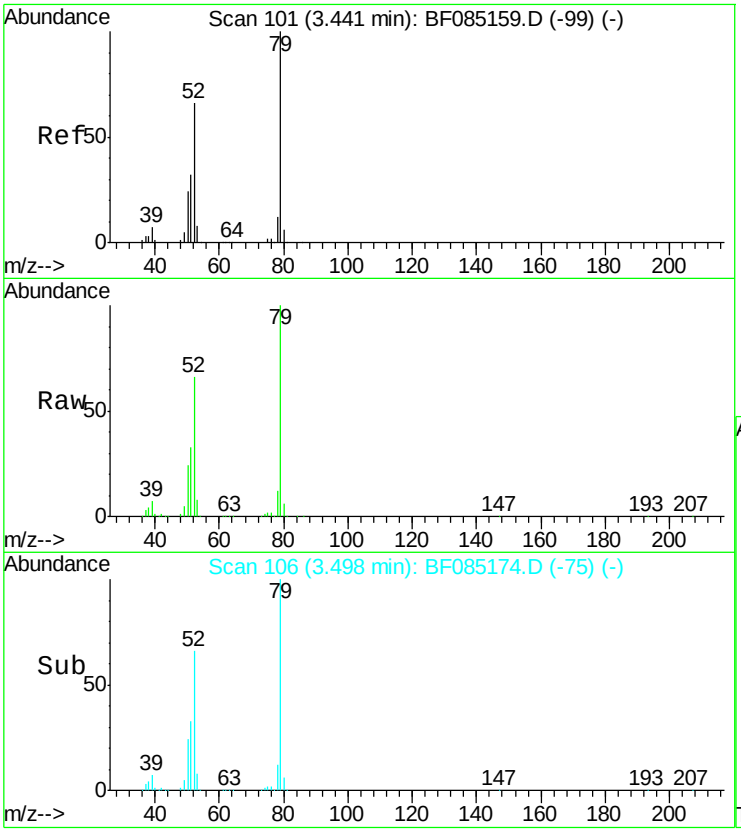


#2
1,4-Dioxane
Concen: 40.26 ng
RT: 2.73 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 88 Resp: 193485

Ion	Ratio	Lower	Upper
88	100		
58	71.5	57.0	85.6
43	26.1	20.5	30.7

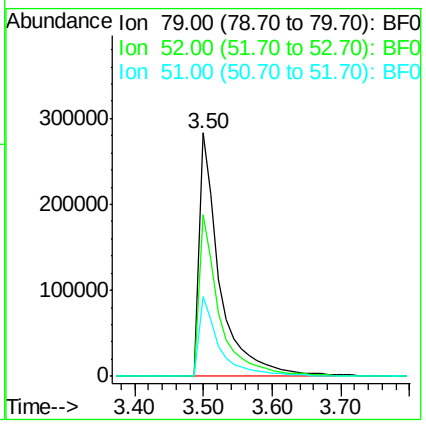




#3
Pyridine
Concen: 48.42 ng
RT: 3.50 min Scan# 106
Delta R.T. 0.06 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

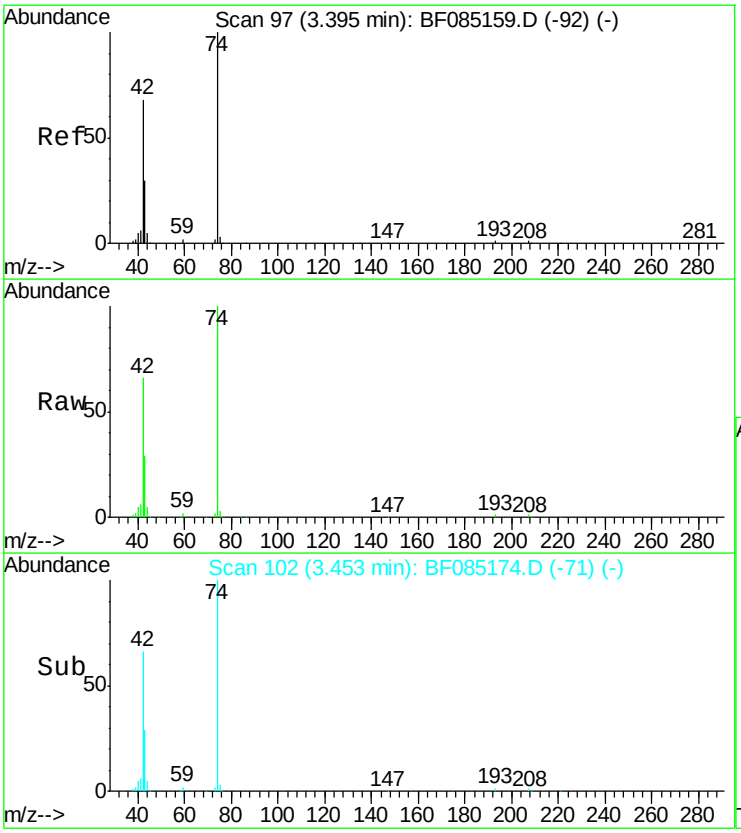
Tgt Ion: 79 Resp: 582387

Ion	Ratio	Lower	Upper
79	100		
52	66.5	52.6	79.0
51	32.7	25.8	38.8



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

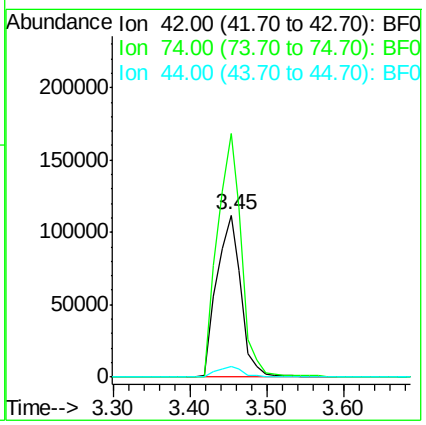
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

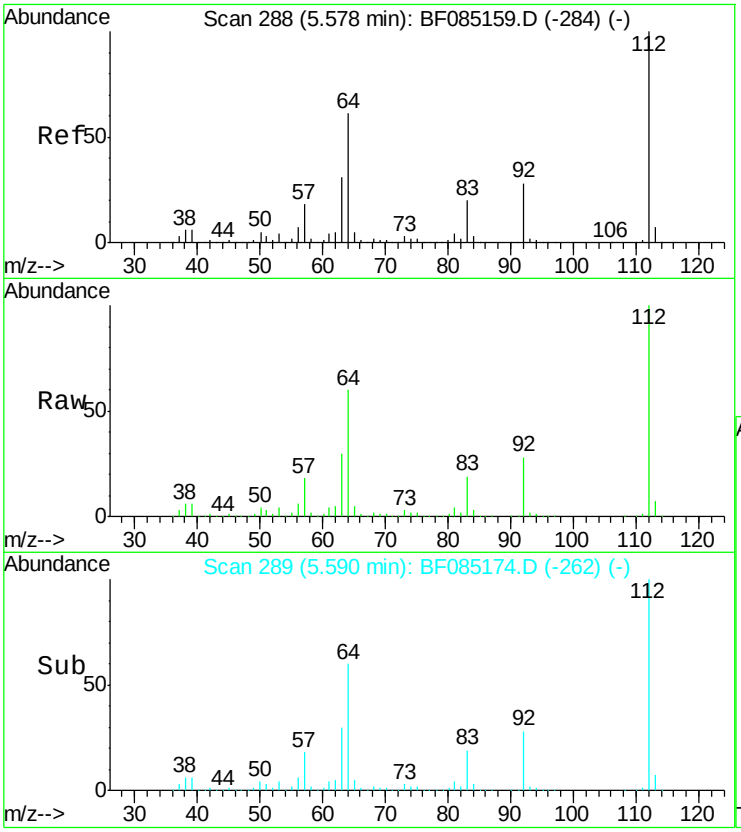


#4
n-Nitrosodimethylamine
Concen: 48.19 ng
RT: 3.45 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 42 Resp: 248111

Ion	Ratio	Lower	Upper
42	100		
74	150.4	116.8	175.2
44	6.8	5.5	8.3

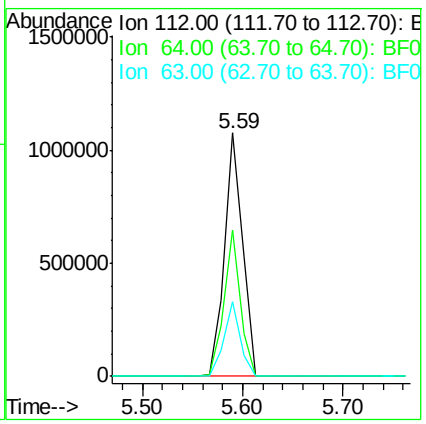




#5
2-Fluorophenol
Concen: 143.07 ng
RT: 5.59 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

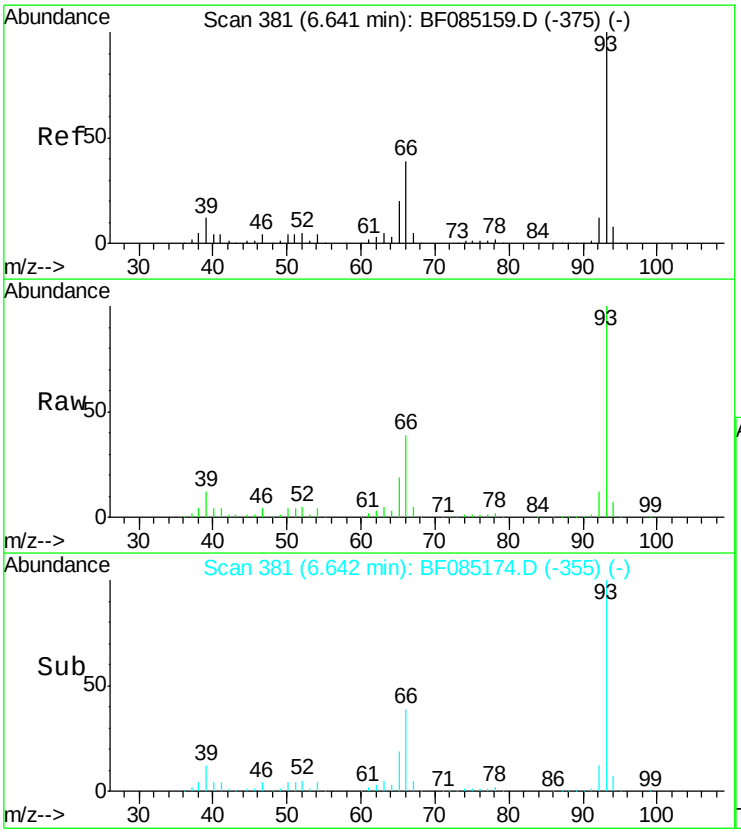
Tgt Ion:112 Resp: 1344625

Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.0	73.4
63	30.4	24.8	37.2



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

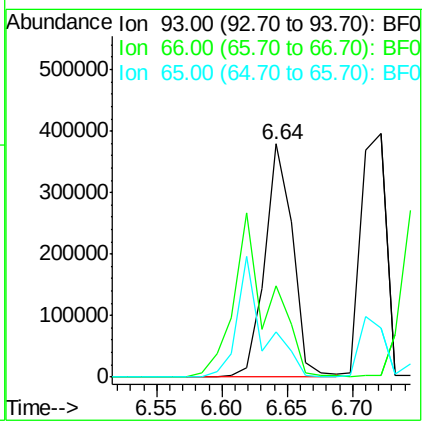
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

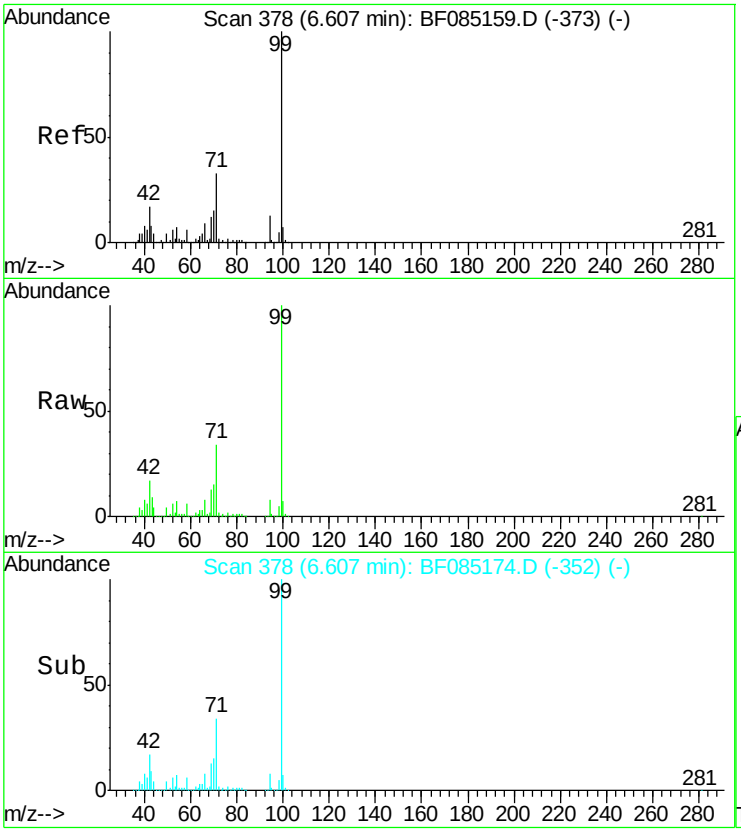


#6
Aniline
Concen: 33.01 ng
RT: 6.64 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 93 Resp: 569772

Ion	Ratio	Lower	Upper
93	100		
66	39.1	31.6	47.4
65	19.2	15.8	23.8

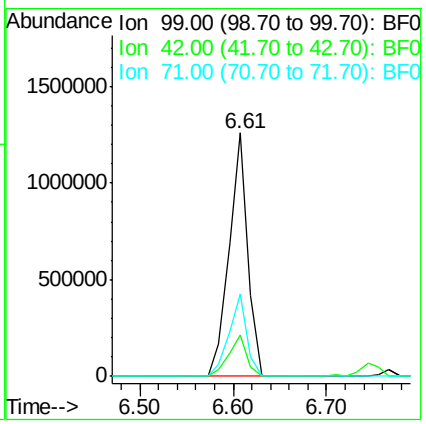




#7
Phenol-d6
Concen: 142.28 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

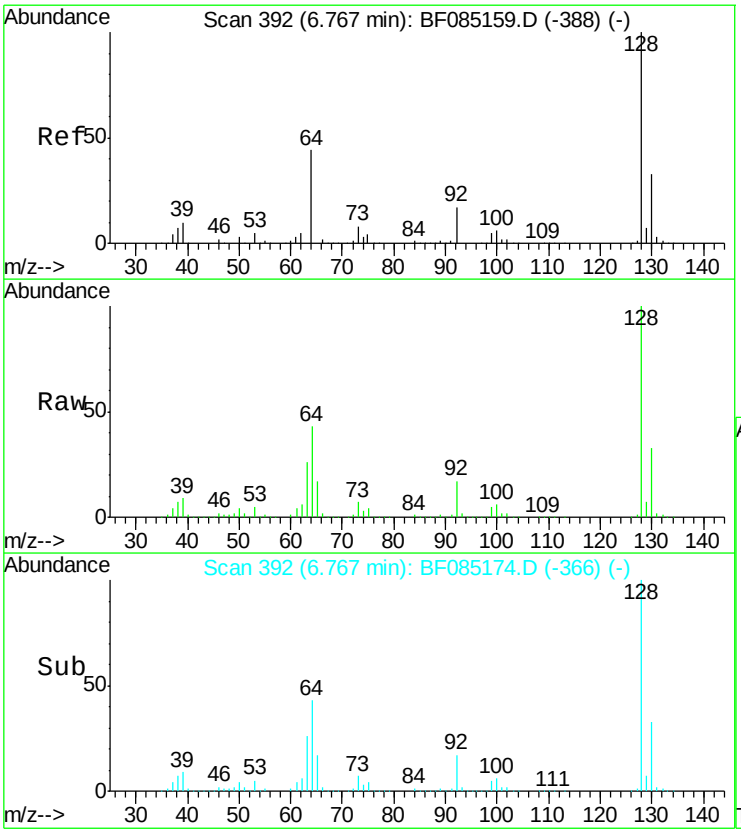
Tgt Ion: 99 Resp: 1751894

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.6	20.4
71	34.0	26.7	40.1



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

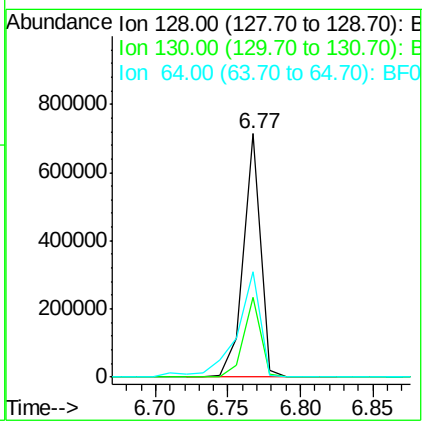
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

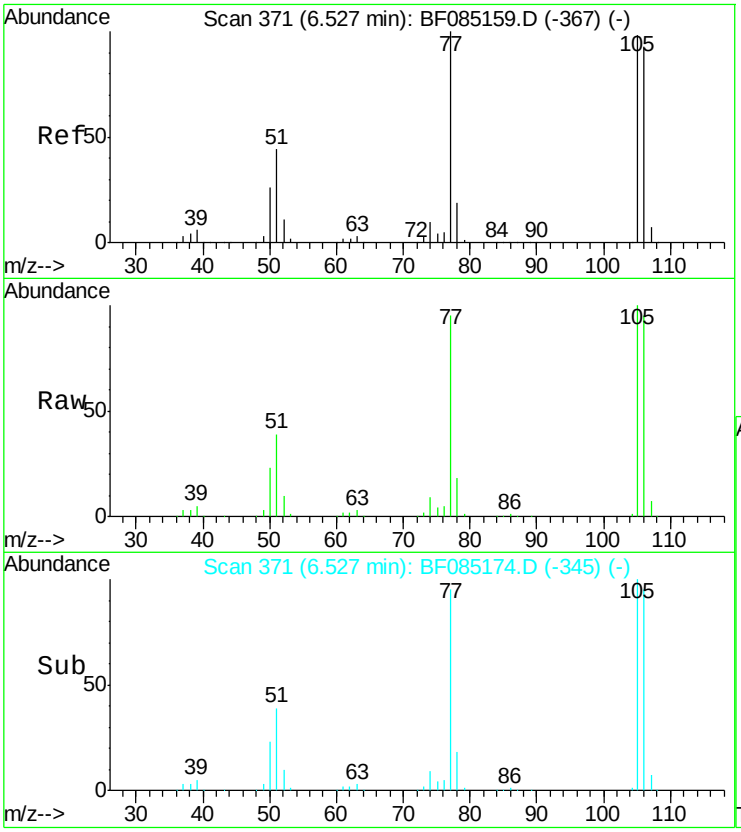


#8
2-Chlorophenol
Concen: 51.64 ng
RT: 6.77 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:128 Resp: 584268

Ion	Ratio	Lower	Upper
128	100		
130	32.9	13.3	53.3
64	43.3	25.7	65.7

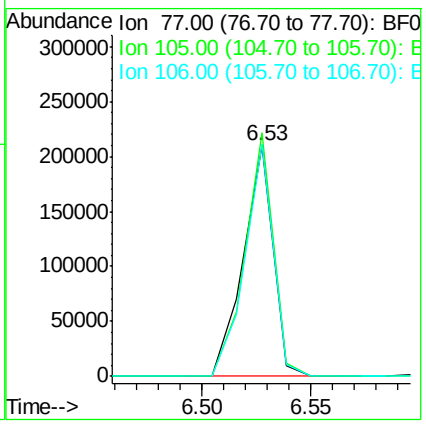




#9
Benzaldehyde
Concen: 32.85 ng
RT: 6.53 min Scan# 371
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

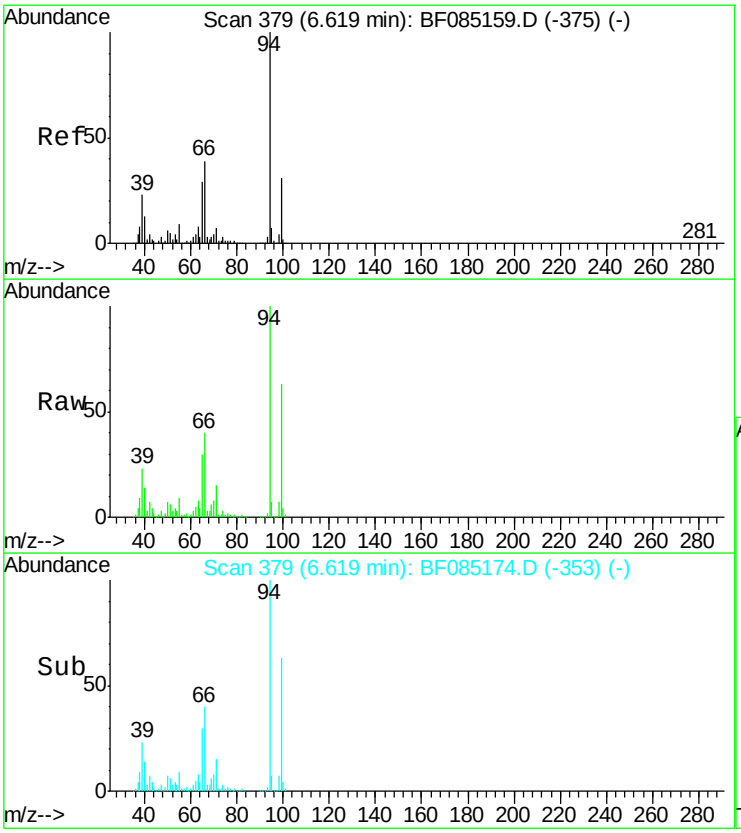
Tgt Ion: 77 Resp: 199484

Ion	Ratio	Lower	Upper
77	100		
105	105.7	78.2	118.2
106	100.9	72.9	112.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

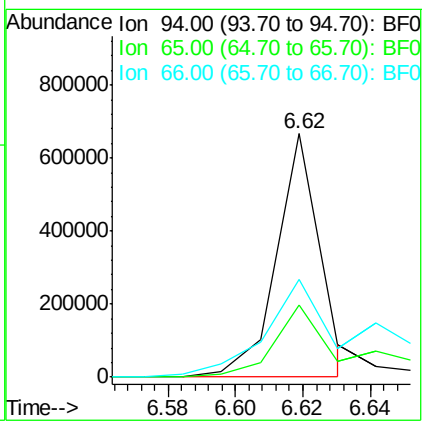
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

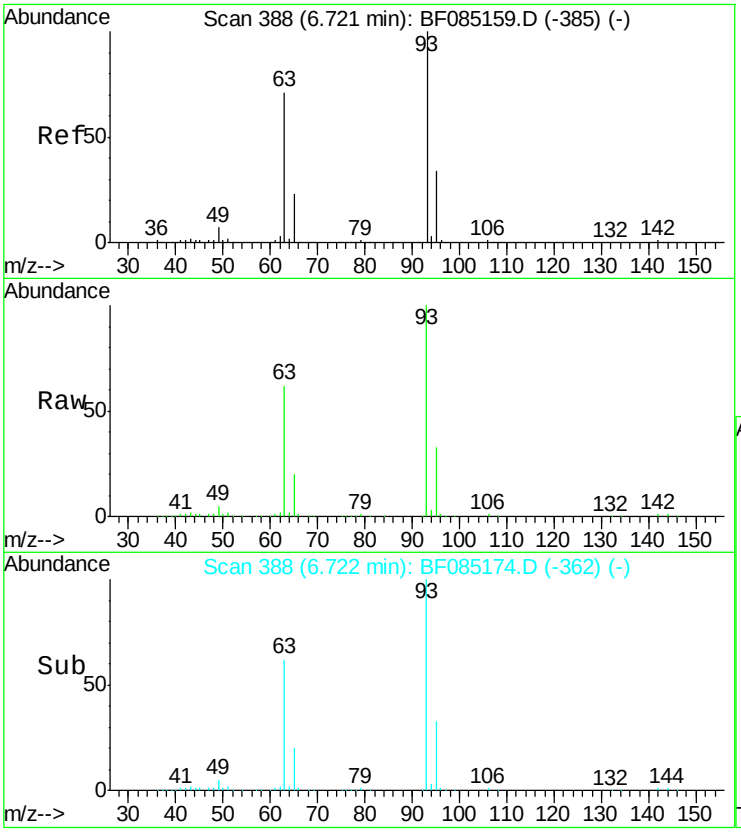


#10
Phenol
Concen: 45.48 ng m
RT: 6.62 min Scan# 379
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 94 Resp: 599834

Ion	Ratio	Lower	Upper
94	100		
65	29.5	9.1	49.1
66	40.2	19.3	59.3

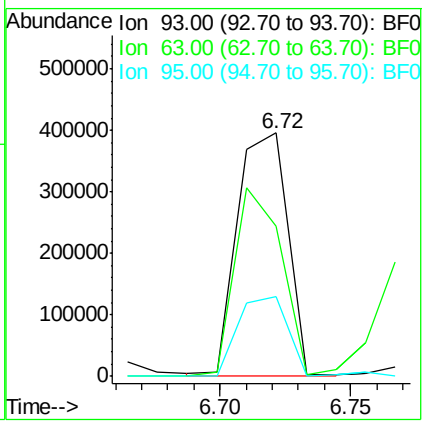




#11
bis(2-Chloroethyl)ether
Concen: 48.53 ng
RT: 6.72 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

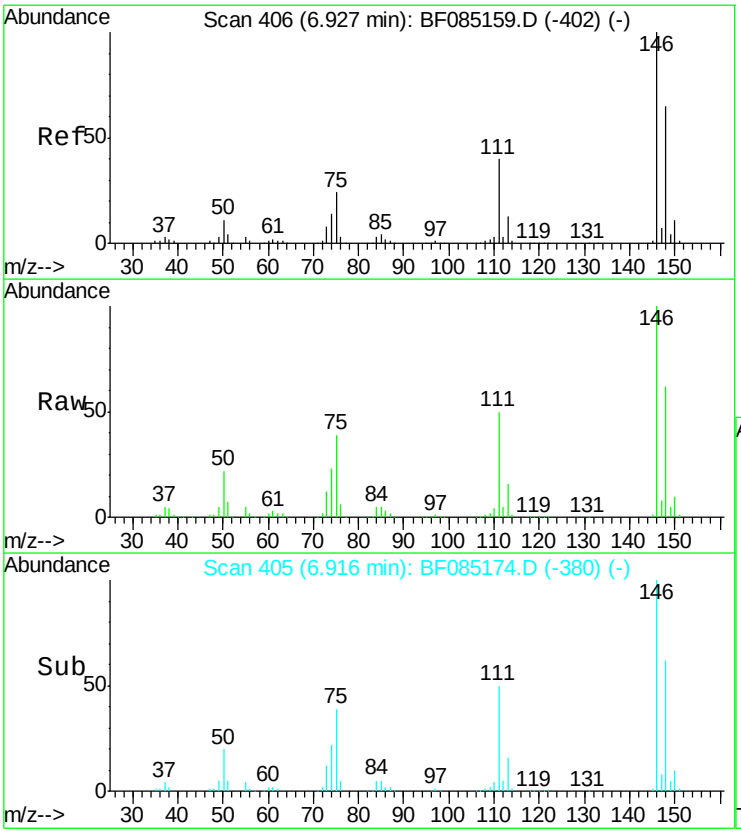
Tgt Ion: 93 Resp: 531513

Ion	Ratio	Lower	Upper
93	100		
63	61.6	50.9	90.9
95	32.7	13.7	53.7



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

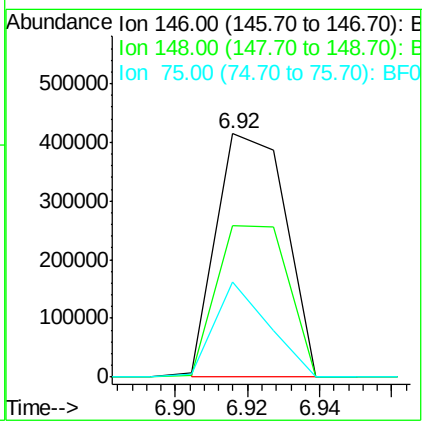
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

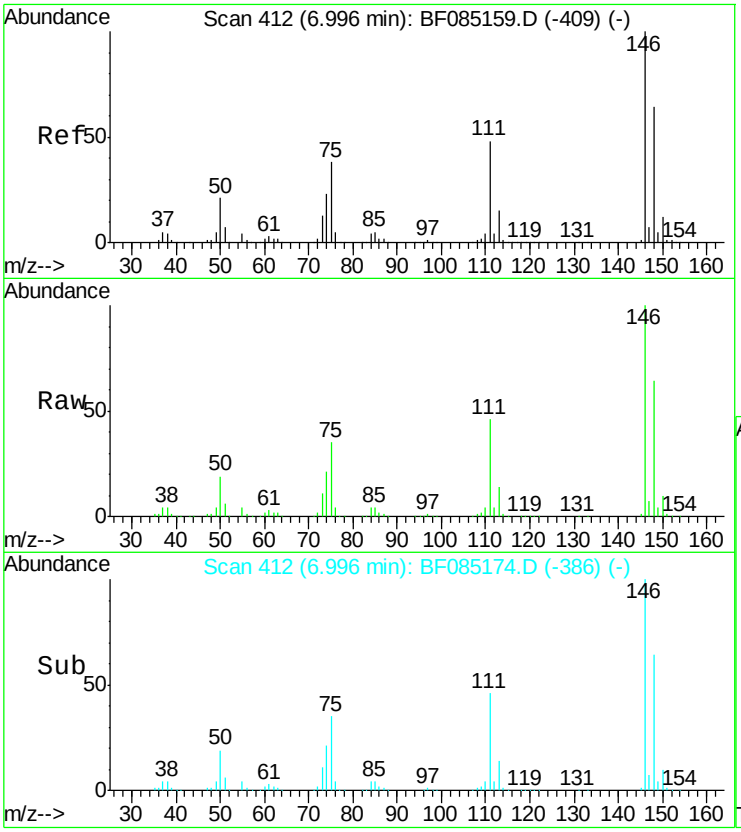


#12
1,3-Dichlorobenzene
Concen: 45.30 ng m
RT: 6.92 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:146 Resp: 550279

Ion	Ratio	Lower	Upper
146	100		
148	62.1	52.1	78.1
75	39.3	19.5	29.3#

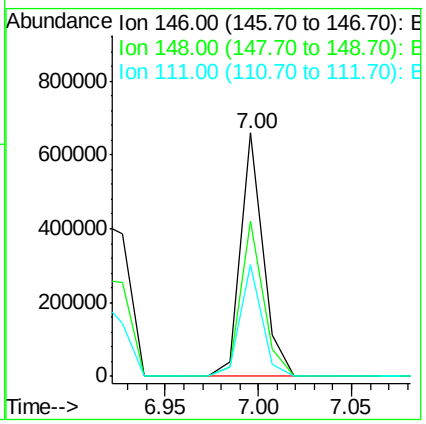




#13
1,4-Dichlorobenzene
Concen: 45.76 ng
RT: 7.00 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

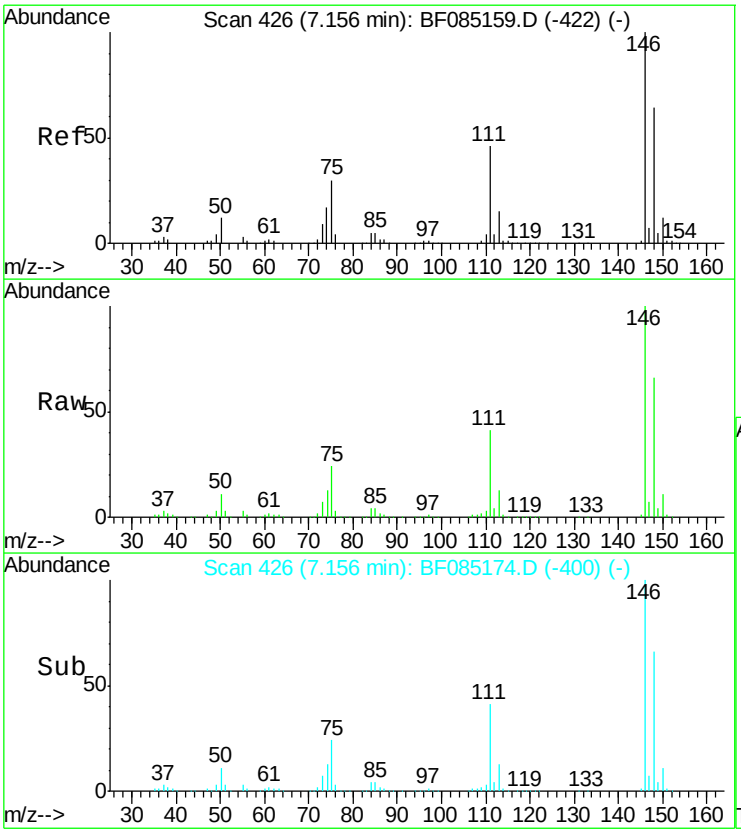
Tgt Ion:146 Resp: 557105

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	46.1	38.4	57.6



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

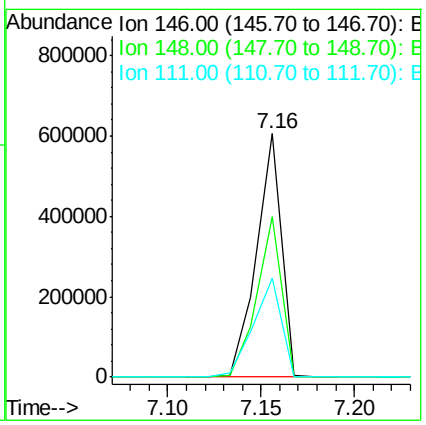
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

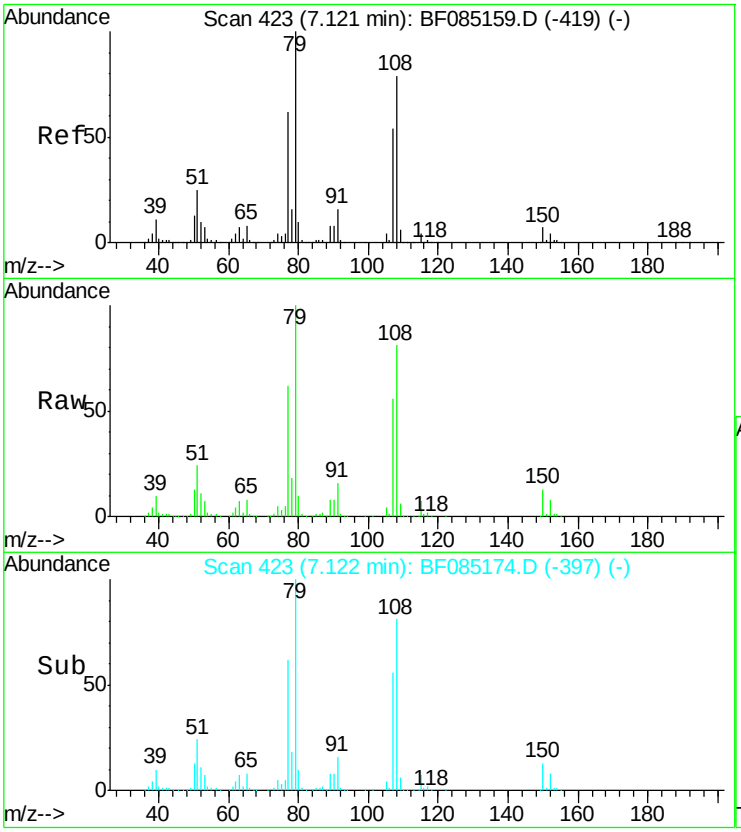


#14
1,2-Dichlorobenzene
Concen: 50.31 ng
RT: 7.16 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:146 Resp: 555736

Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.4	77.2
111	40.6	36.7	55.1





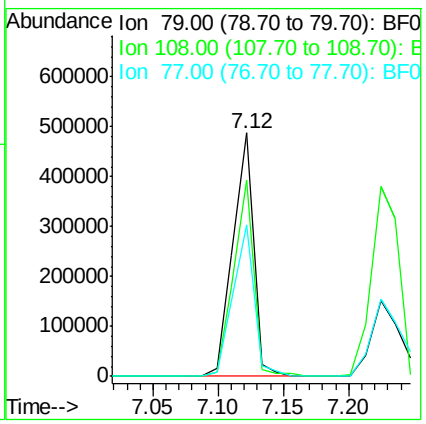
#15
Benzyl Alcohol
Concen: 59.30 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

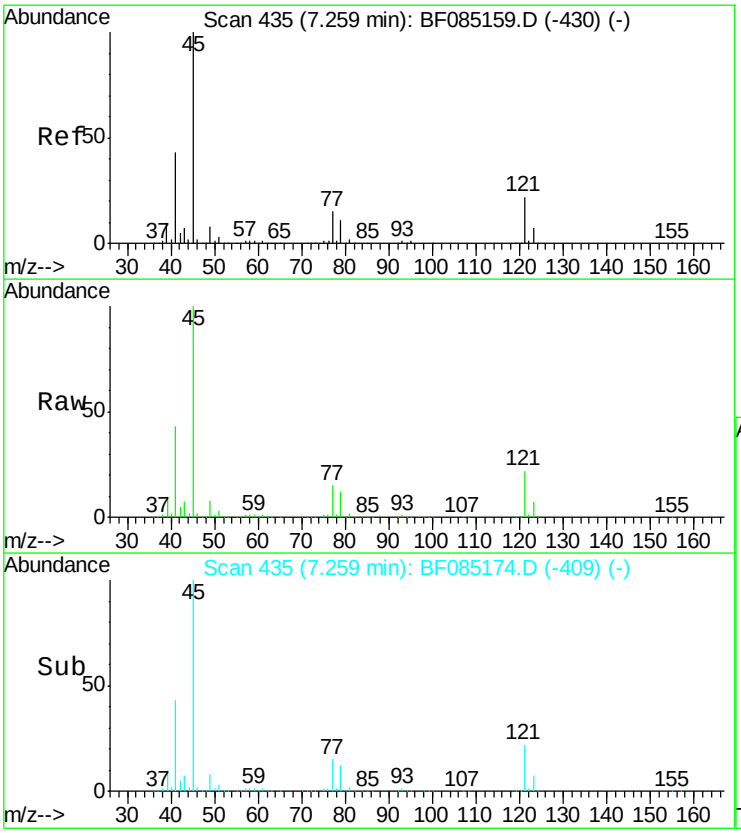
Tgt Ion: 79 Resp: 535995

Ion	Ratio	Lower	Upper
79	100		
108	80.6	62.9	94.3
77	62.4	49.5	74.3

Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

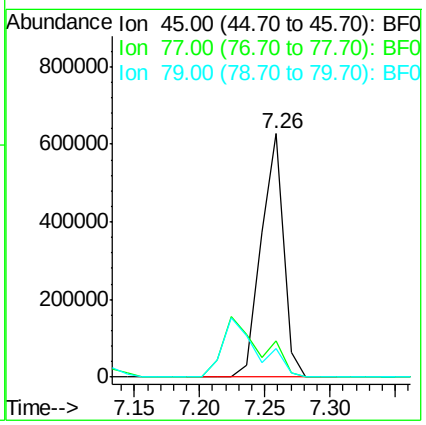


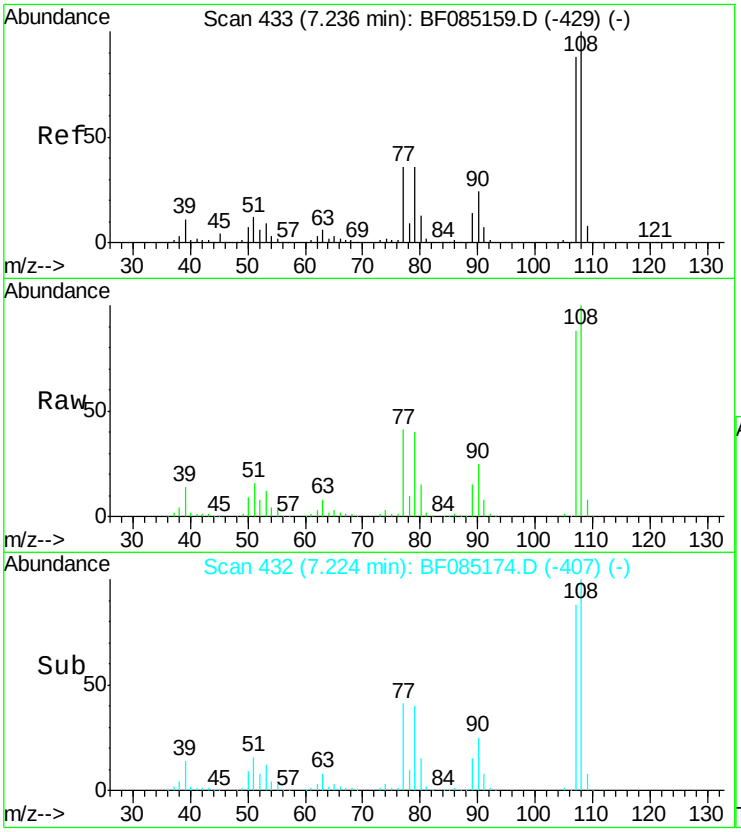


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.59 ng
RT: 7.26 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 45 Resp: 751343

Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	35.1
79	11.5	0.0	31.3

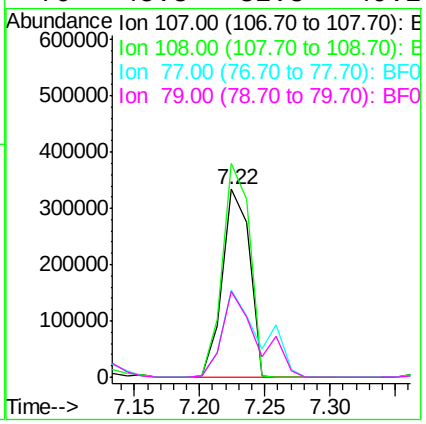




#17
2-Methylphenol
Concen: 52.49 ng
RT: 7.22 min Scan# 432
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

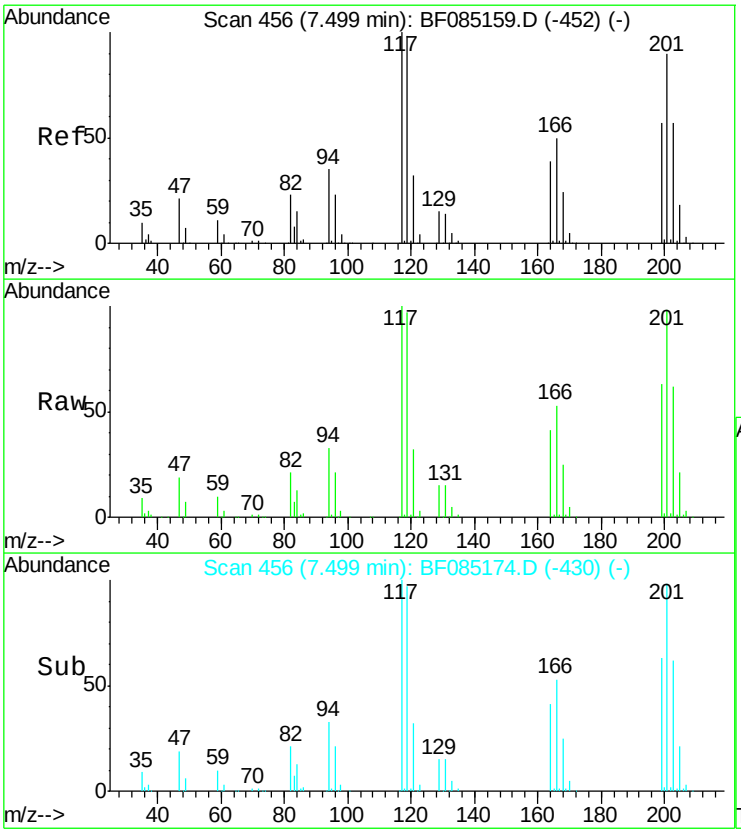
Tgt Ion:107 Resp: 484598

Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	46.3	32.6	48.8
79	45.8	32.8	49.2



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

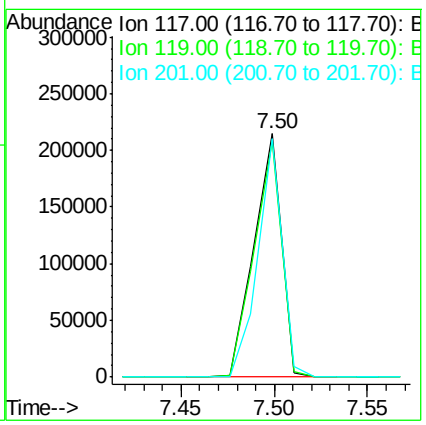
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

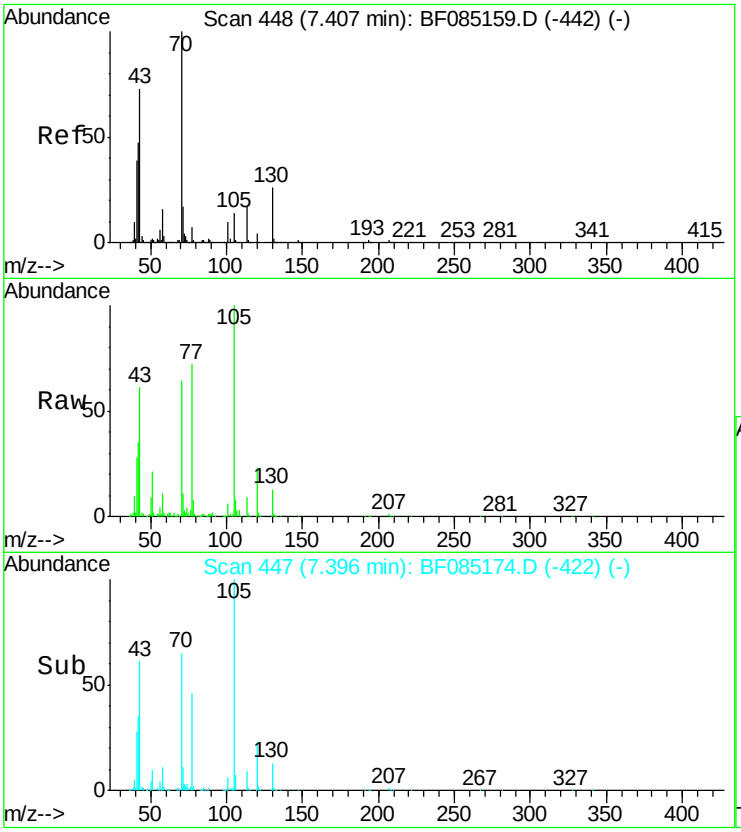


#18
Hexachloroethane
Concen: 48.45 ng
RT: 7.50 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:117 Resp: 217591

Ion	Ratio	Lower	Upper
117	100		
119	97.1	78.2	117.4
201	98.0	72.0	108.0





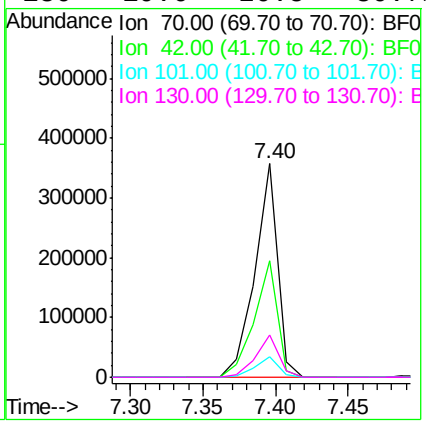
#19
n-Nitroso-di-n-propylamine
Concen: 48.60 ng
RT: 7.40 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

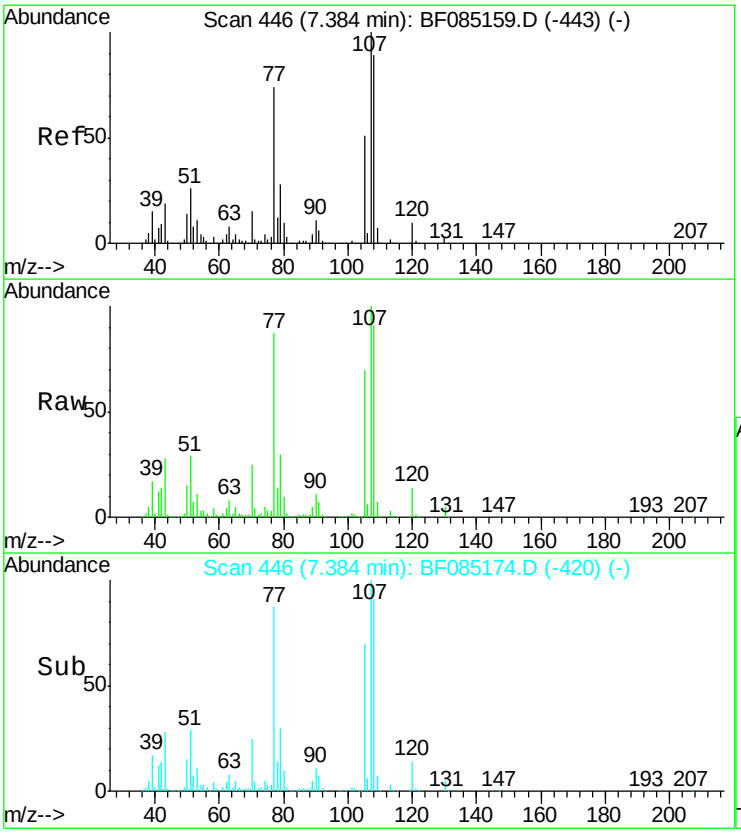
Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

Tgt Ion: 70 Resp: 390025

Ion	Ratio	Lower	Upper
70	100		
42	54.5	37.7	56.5
101	9.4	8.2	12.4
130	19.6	20.5	30.7#

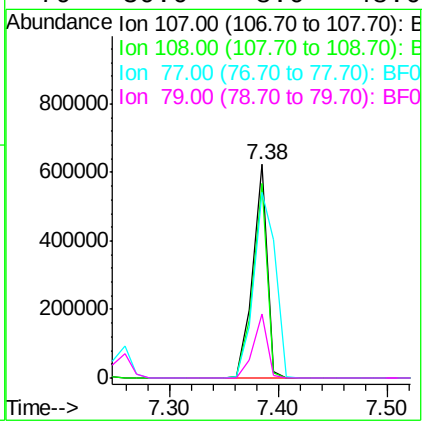


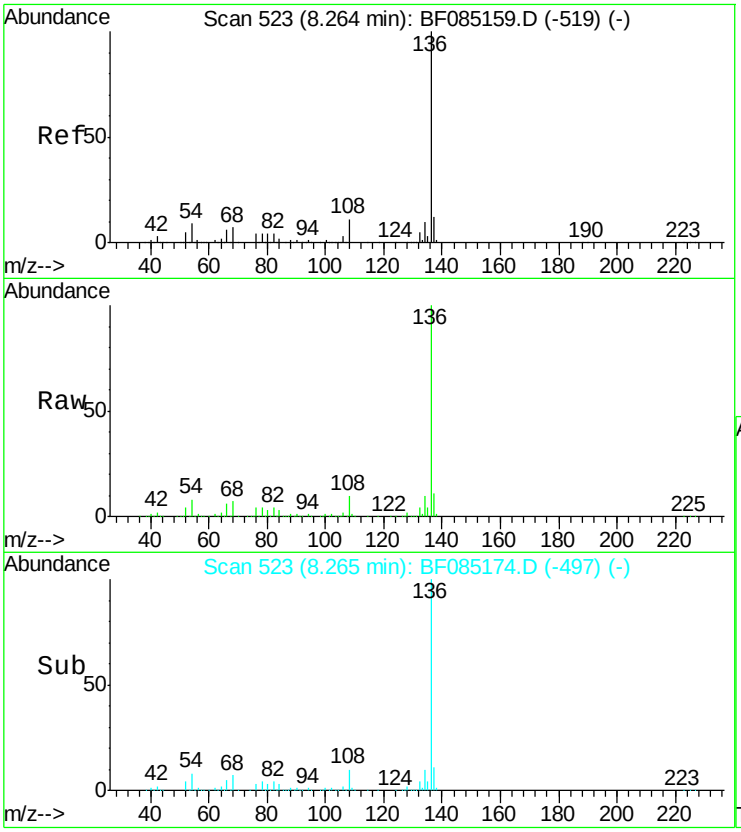


#20
3+4-Methylphenols
Concen: 53.34 ng
RT: 7.38 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:107 Resp: 583332

Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.8	108.8
77	87.0	53.6	93.6
79	30.0	8.0	48.0

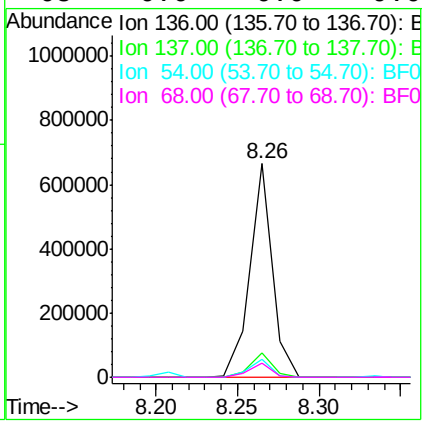




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

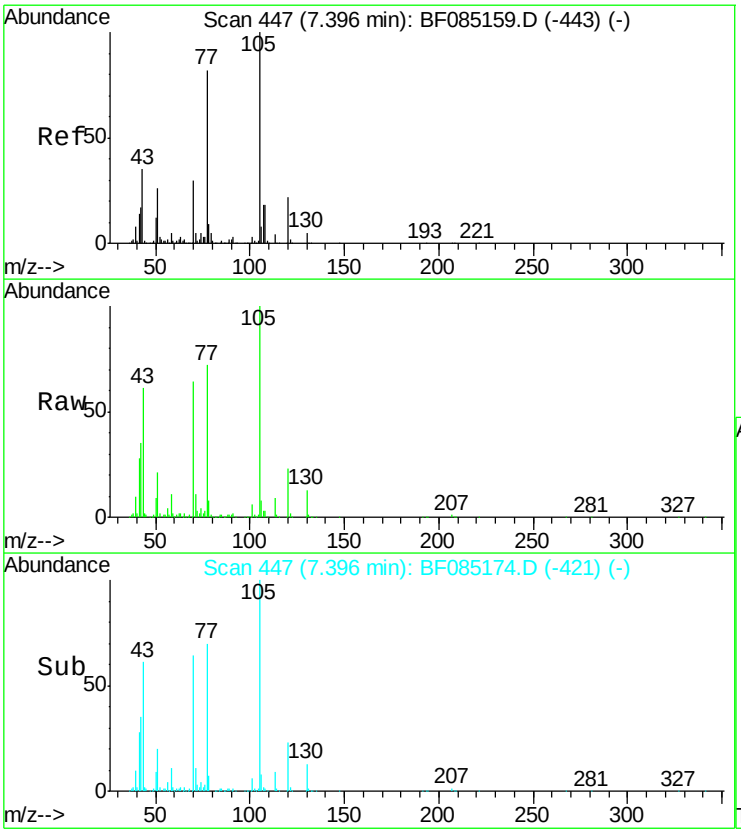
Tgt Ion:136 Resp: 635181

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	8.2	7.4	11.2
68	6.6	6.0	9.0



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

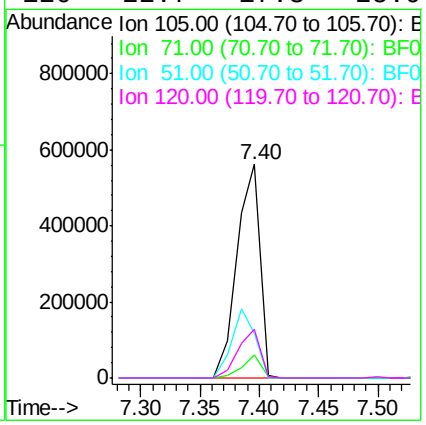
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

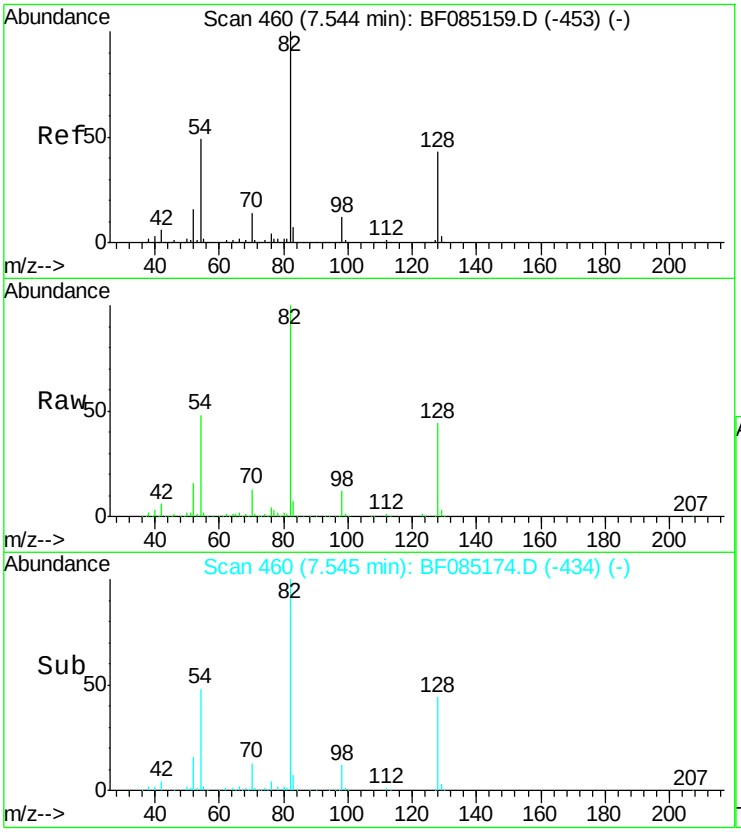


#22
Acetophenone
Concen: 48.74 ng
RT: 7.40 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:105 Resp: 755676

Ion	Ratio	Lower	Upper
105	100		
71	10.9	4.1	6.1#
51	21.1	21.1	31.7#
120	22.7	17.3	25.9

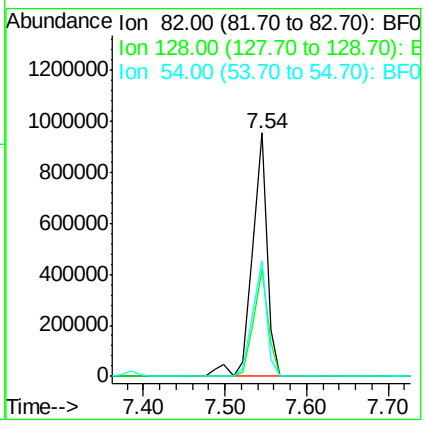




#23
Nitrobenzene-d5
Concen: 99.61 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

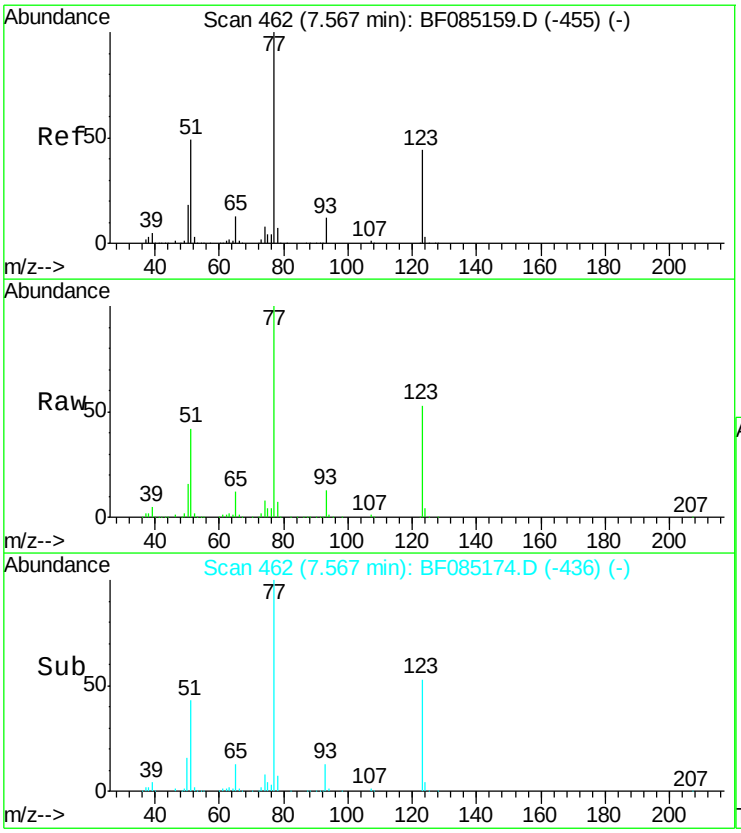
Tgt Ion: 82 Resp: 1182365

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.5	51.7
54	47.5	39.3	58.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

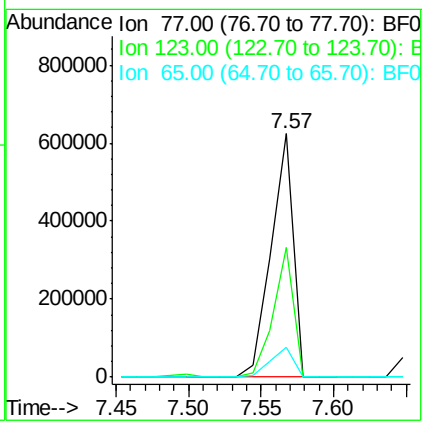
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

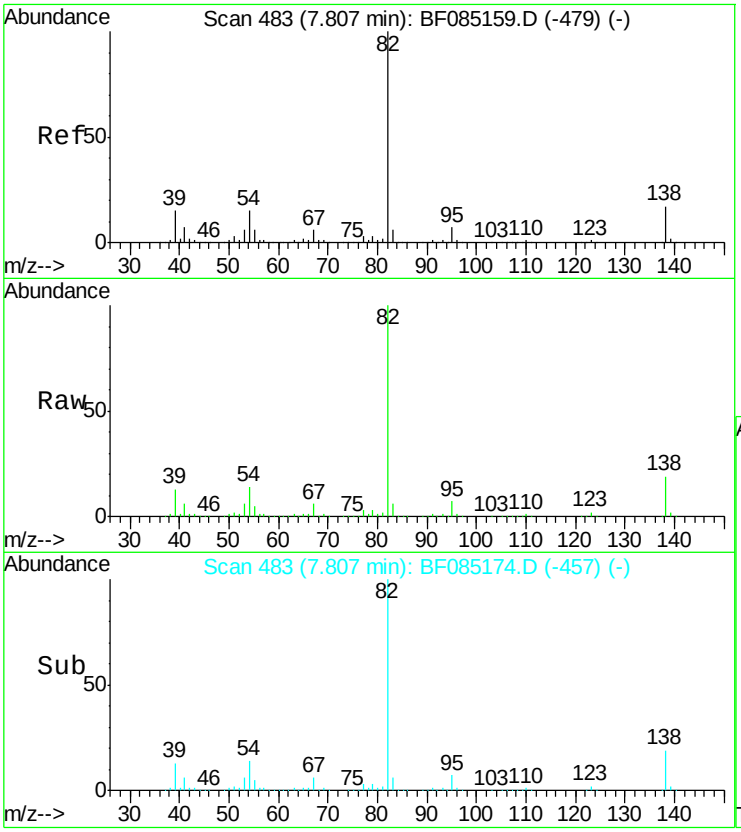


#24
Nitrobenzene
Concen: 54.79 ng
RT: 7.57 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 77 Resp: 660674

Ion	Ratio	Lower	Upper
77	100		
123	53.4	35.4	53.2#
65	12.4	10.6	16.0

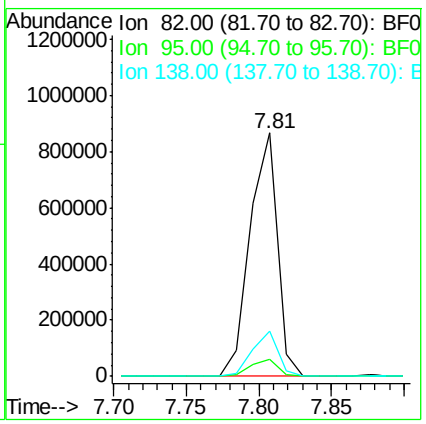




#25
Isophorone
Concen: 51.88 ng
RT: 7.81 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

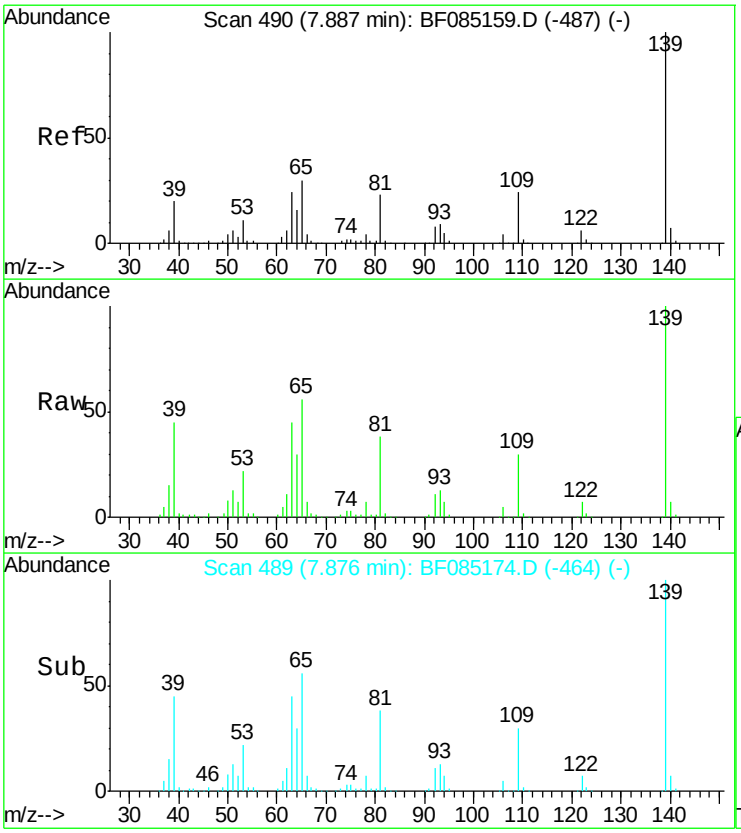
Tgt Ion: 82 Resp: 1141213

Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	18.7	13.3	19.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

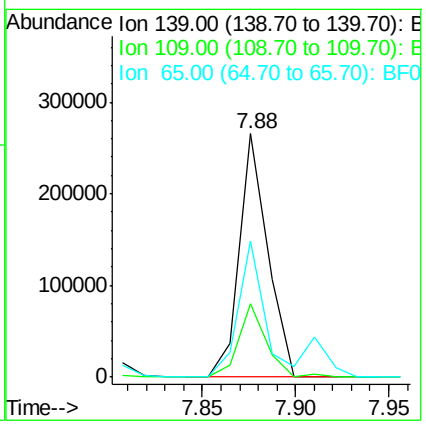
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

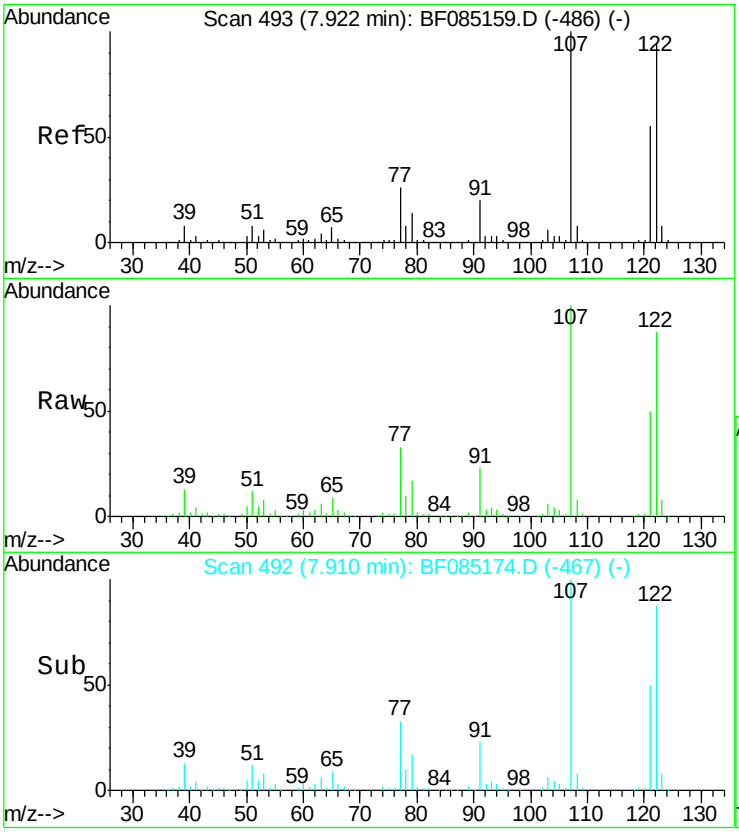


#26
2-Nitrophenol
Concen: 47.95 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:139 Resp: 281348

Ion	Ratio	Lower	Upper
139	100		
109	29.9	19.1	28.7#
65	55.8	23.9	35.9#

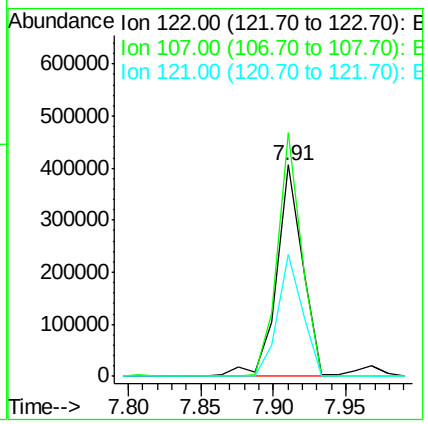




#27
2,4-Dimethylphenol
Concen: 47.04 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

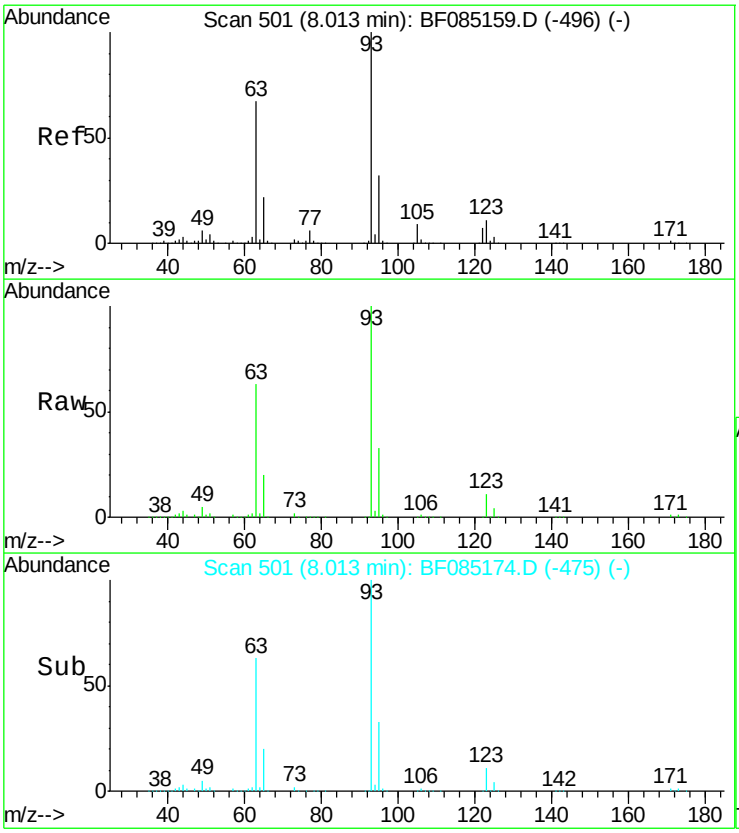
Tgt Ion:122 Resp: 504459

Ion	Ratio	Lower	Upper
122	100		
107	115.1	84.8	127.2
121	57.9	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

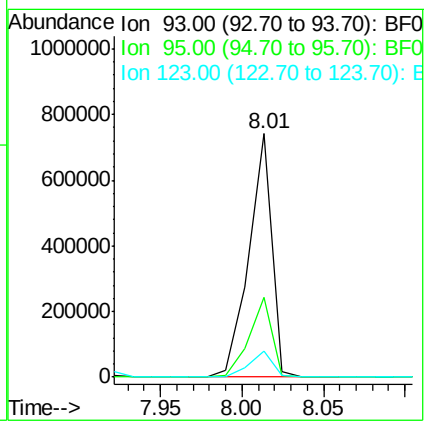
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

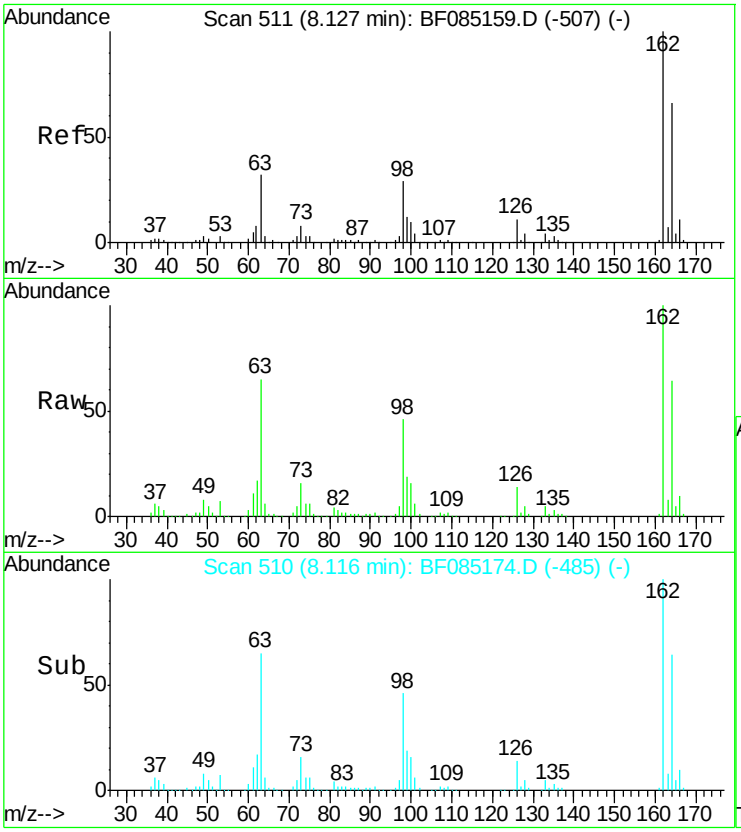


#28
bis(2-Chloroethoxy)methane
Concen: 59.14 ng
RT: 8.01 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 93 Resp: 724473

Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.9	38.9
123	10.7	8.8	13.2

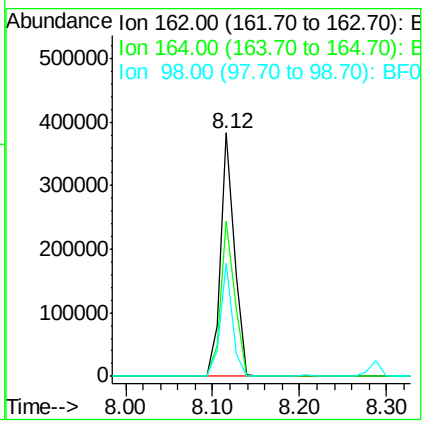




#29
2,4-Dichlorophenol
Concen: 49.72 ng
RT: 8.12 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

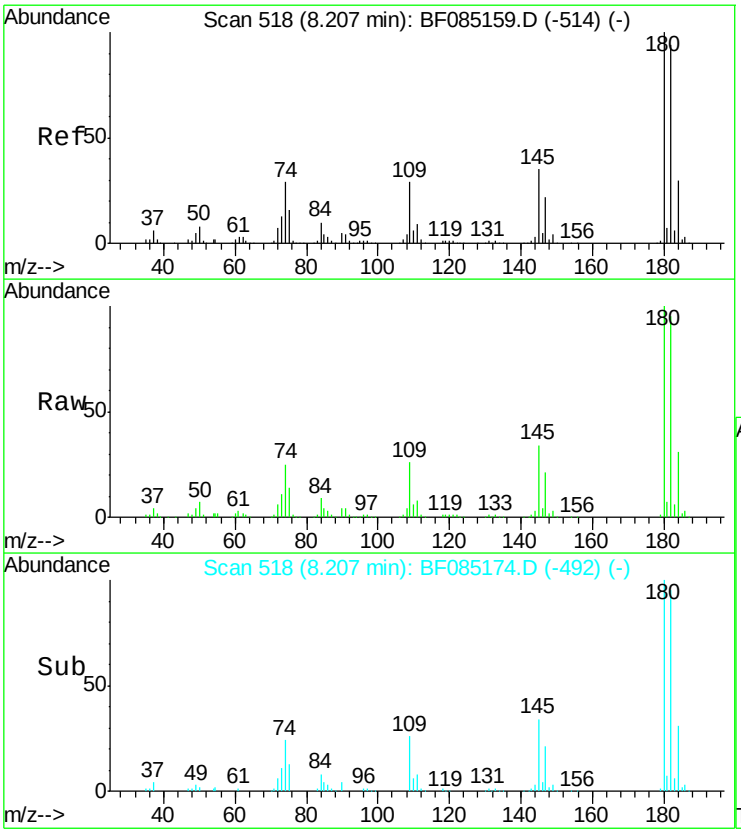
Tgt Ion:162 Resp: 429986

Ion	Ratio	Lower	Upper
162	100		
164	63.8	45.7	85.7
98	46.2	9.4	49.4



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

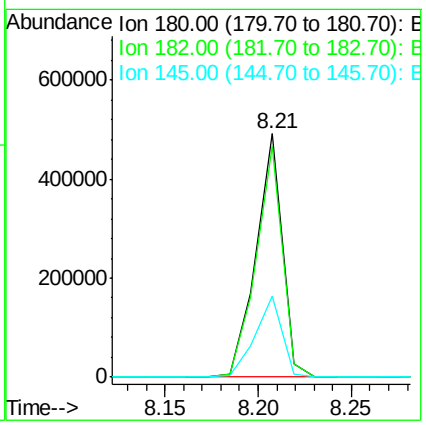
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

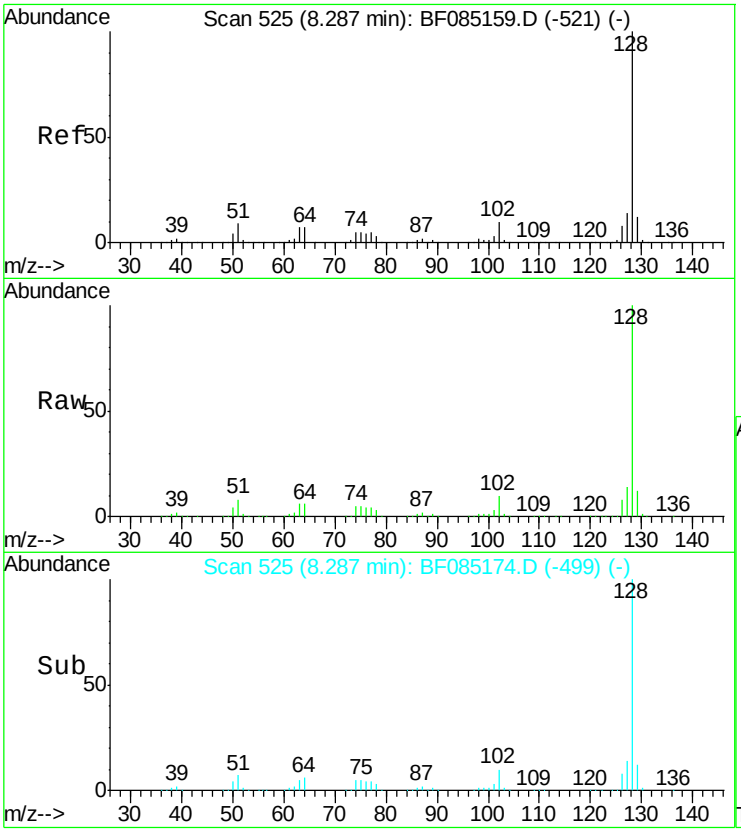


#30
1,2,4-Trichlorobenzene
Concen: 50.98 ng
RT: 8.21 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:180 Resp: 476674

Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.9	112.3
145	33.5	27.9	41.9

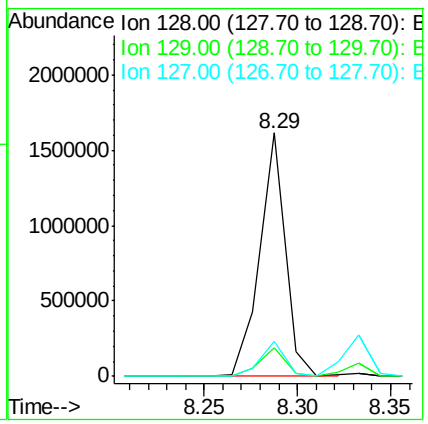




#31
Naphthalene
Concen: 48.88 ng
RT: 8.29 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

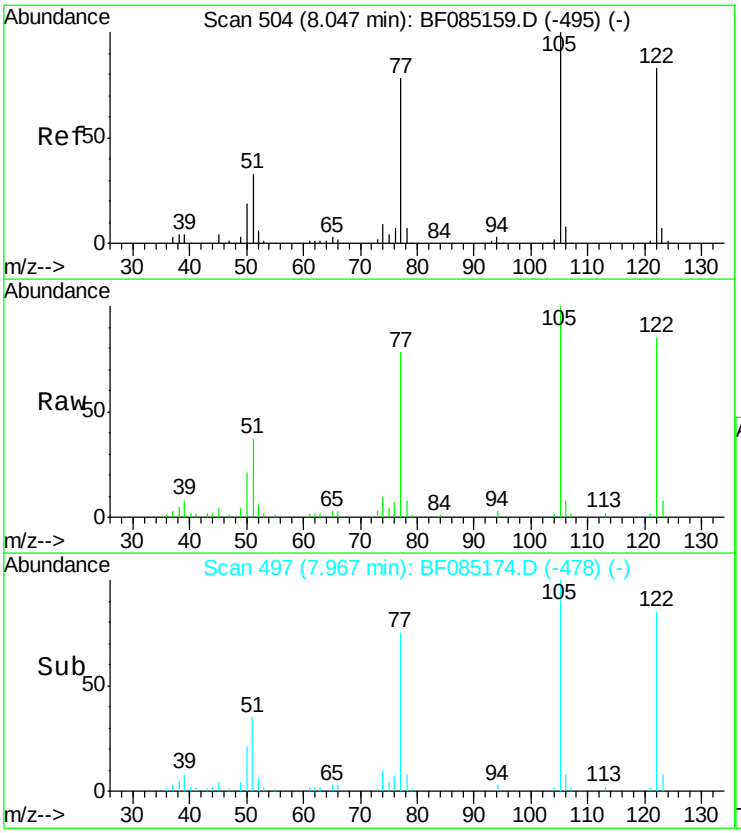
Tgt Ion:128 Resp: 1526779

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.7	14.5
127	14.1	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

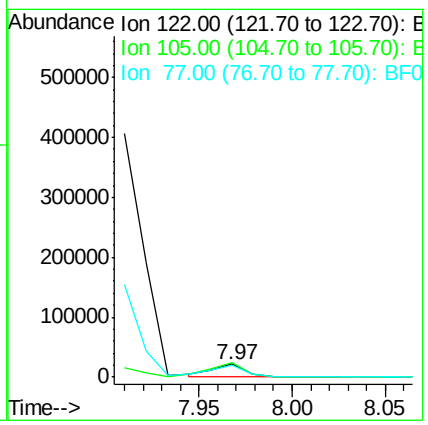
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

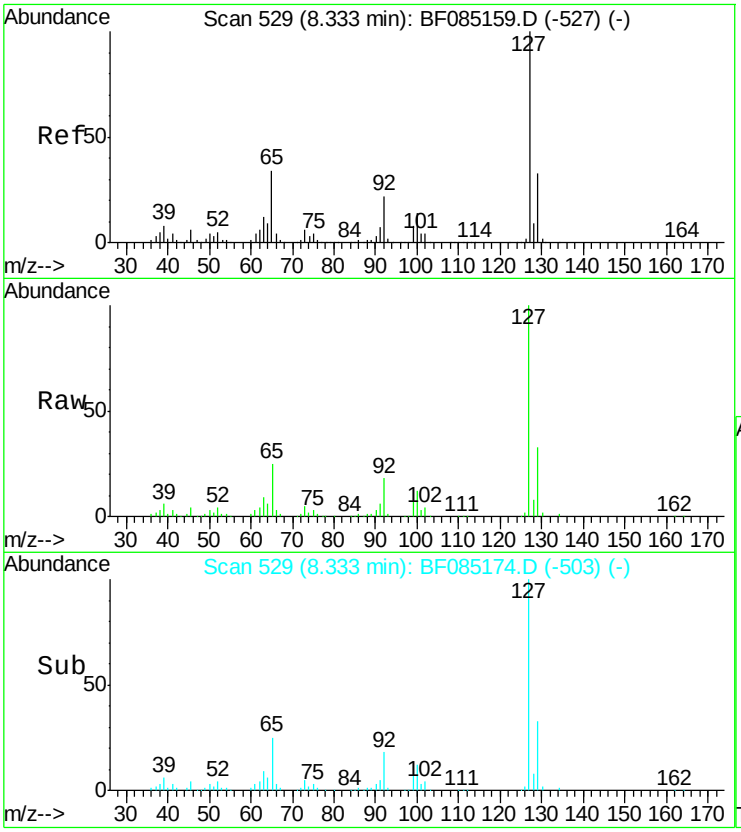


#32
Benzoic acid
Concen: 3.73 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.08 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:122 Resp: 26601

Ion	Ratio	Lower	Upper
122	100		
105	117.9	101.3	141.3
77	91.5	74.7	114.7

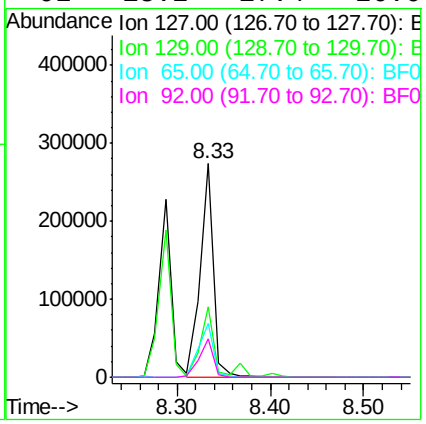




#33
4-Chloroaniline
Concen: 21.73 ng
RT: 8.33 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

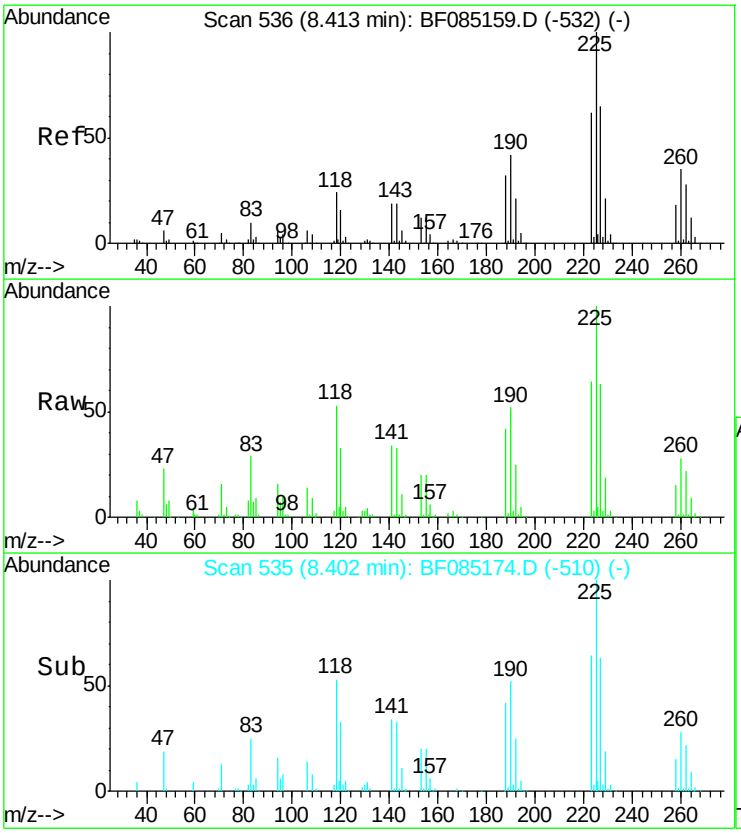
Tgt Ion:127 Resp: 274526

Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.1	39.1
65	25.4	27.0	40.6#
92	18.2	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

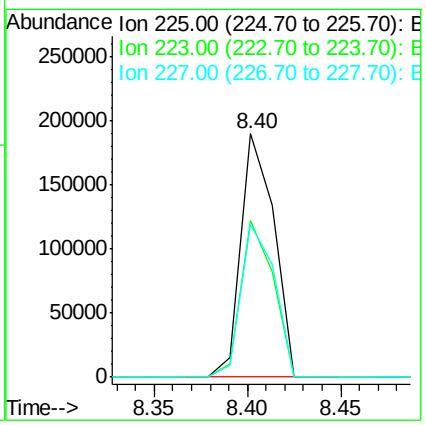
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

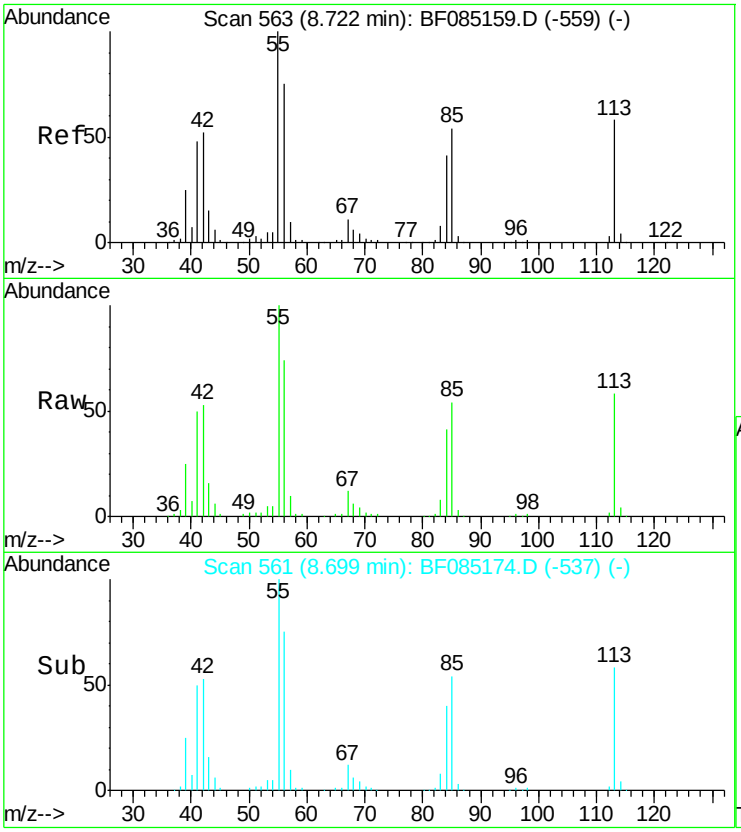


#34
Hexachlorobutadiene
Concen: 47.95 ng
RT: 8.40 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:225 Resp: 233274

Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	62.6	52.2	78.4

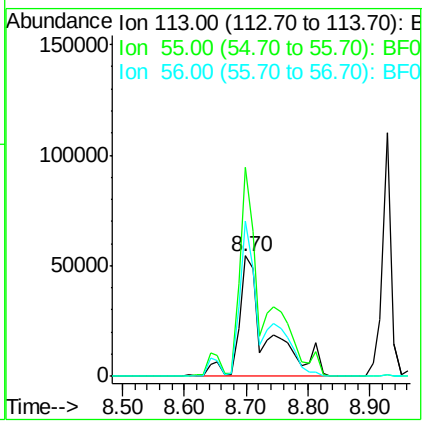




#35
Caprolactam
Concen: 61.20 ng m
RT: 8.70 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

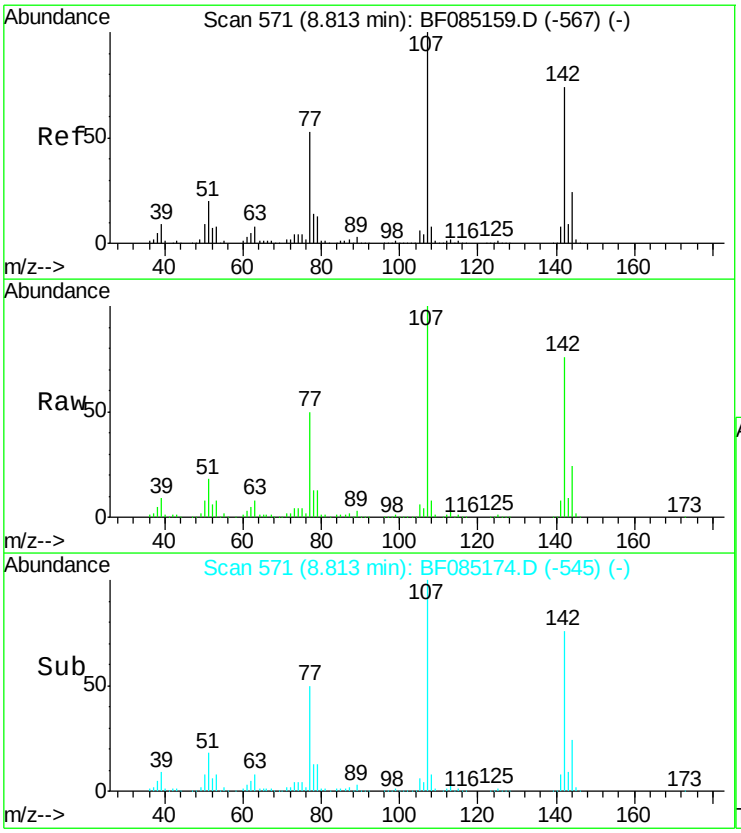
Tgt Ion:113 Resp: 172856

Ion	Ratio	Lower	Upper
113	100		
55	173.6	152.7	192.7
56	129.0	109.0	149.0



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

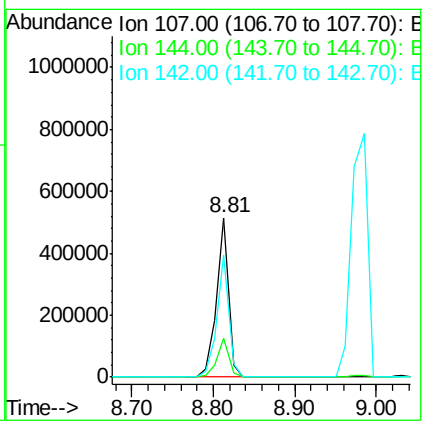
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

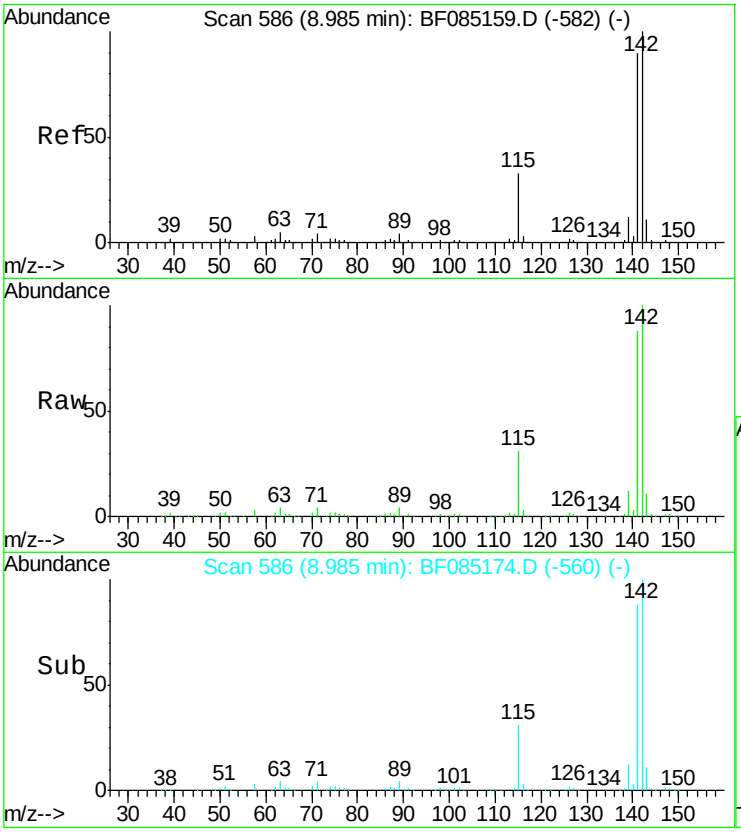


#36
4-Chloro-3-methylphenol
Concen: 53.49 ng
RT: 8.81 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:107 Resp: 524811

Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.4	29.2
142	76.3	59.4	89.2

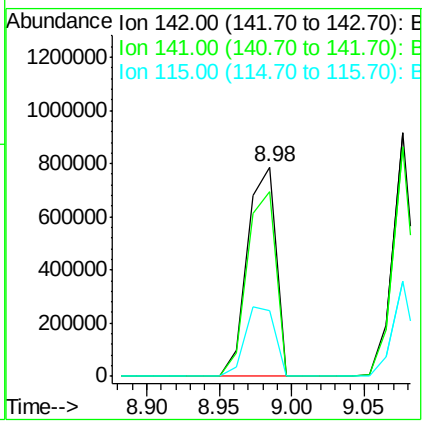




#37
2-Methylnaphthalene
Concen: 53.76 ng
RT: 8.98 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

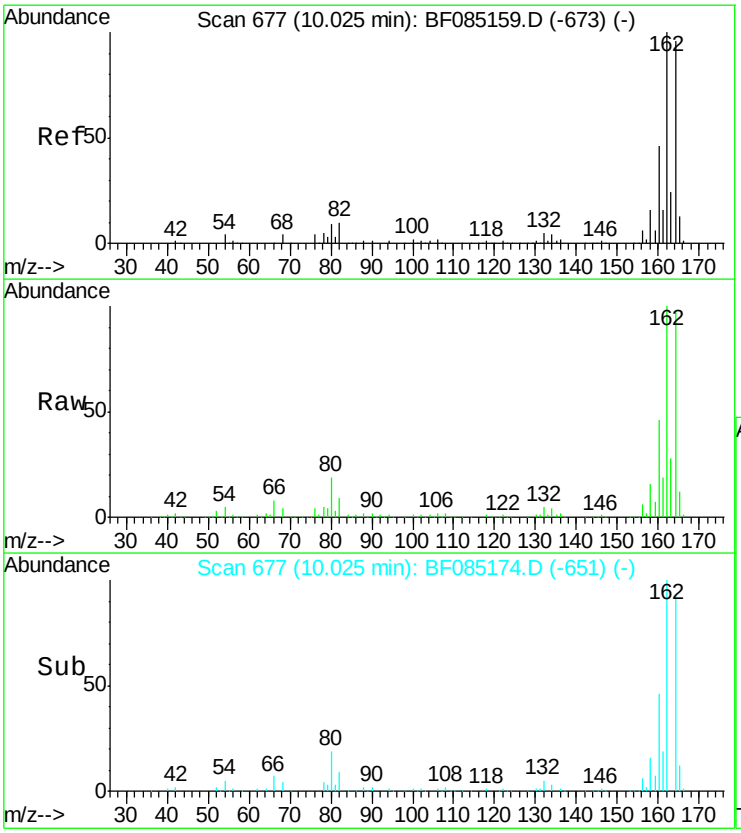
Tgt Ion:142 Resp: 1077506

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.7	107.5
115	31.2	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

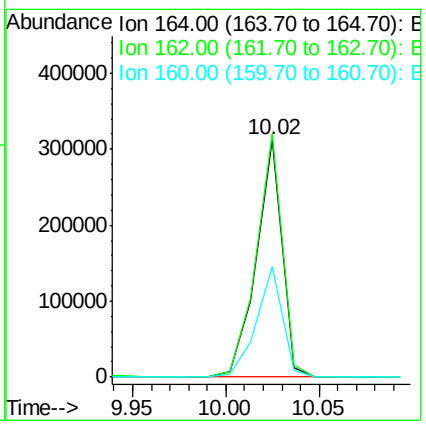
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

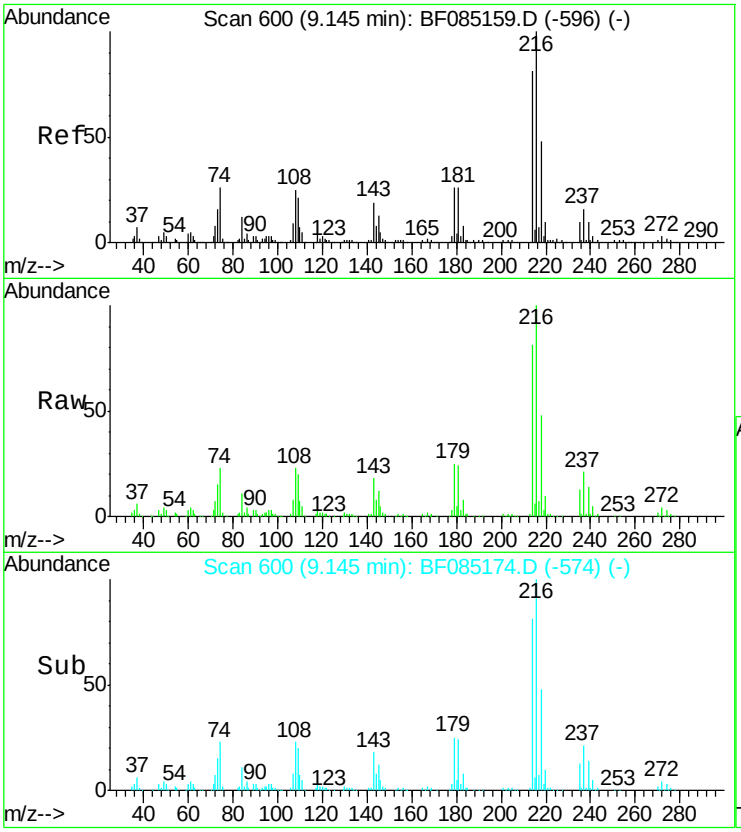


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:164 Resp: 295867

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.3	124.9
160	46.7	37.9	56.9

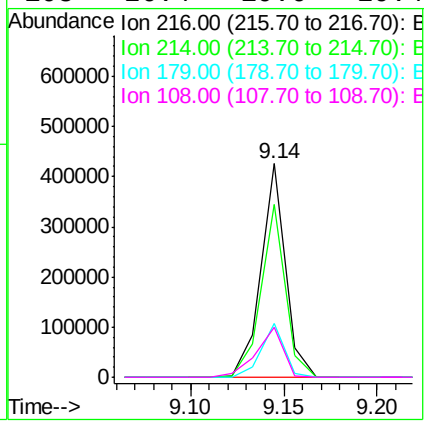




#39
1,2,4,5-Tetrachlorobenzene
Concen: 46.37 ng
RT: 9.14 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

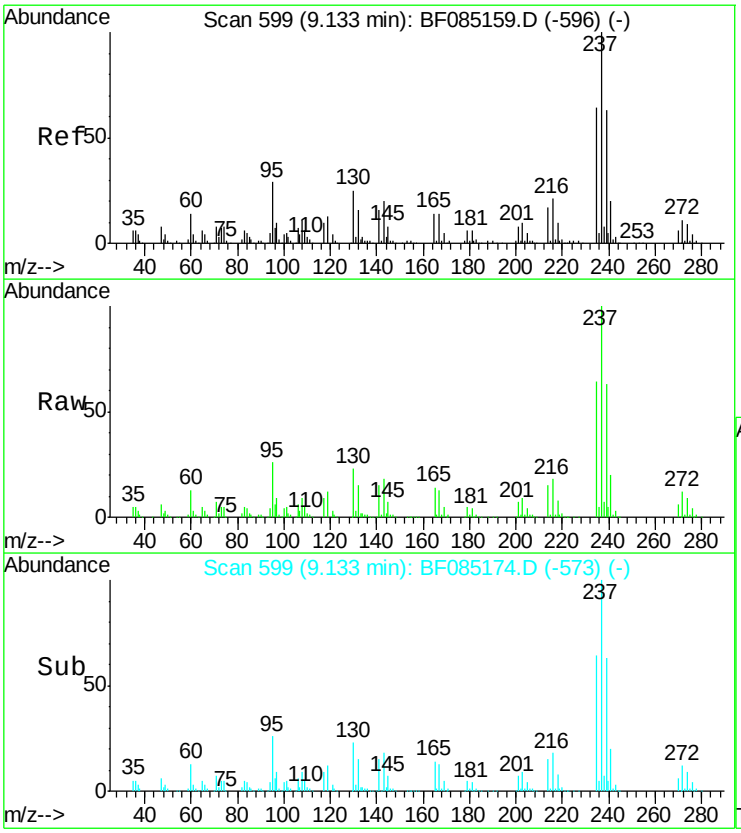
Tgt Ion:216 Resp: 392384

Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.8	95.6
179	24.4	19.6	29.4
108	26.4	19.6	29.4



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

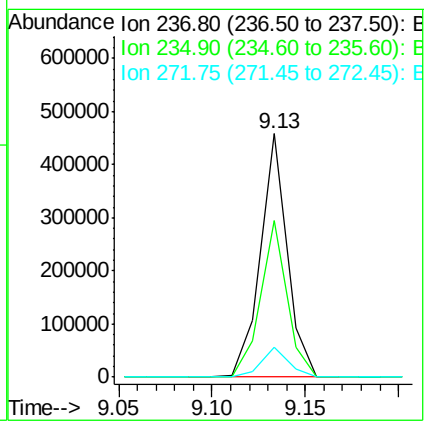
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

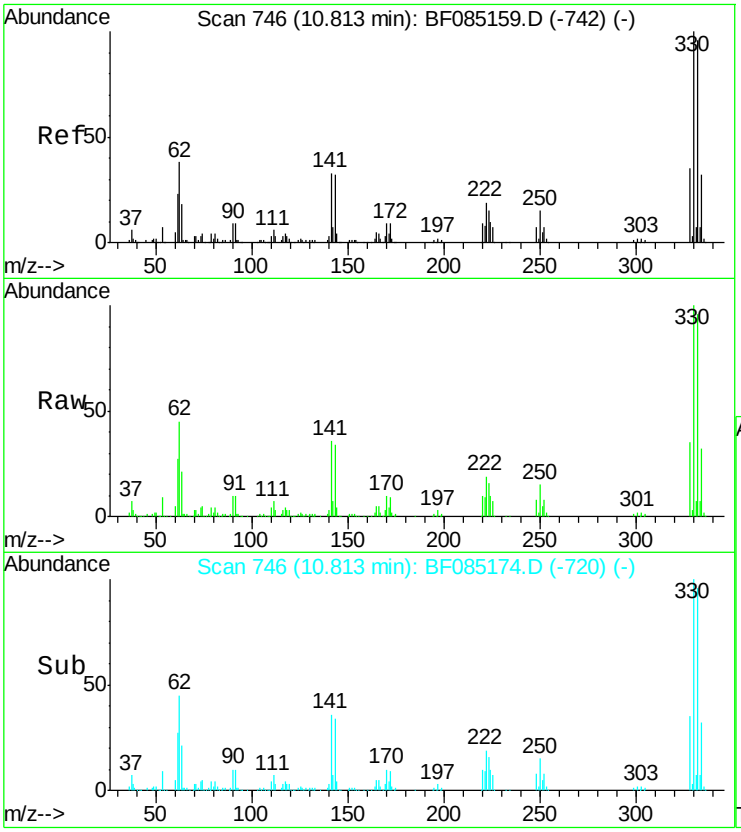


#40
Hexachlorocyclopentadiene
Concen: 98.89 ng
RT: 9.13 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:237 Resp: 451299

Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.7	83.7
272	12.0	0.0	31.5

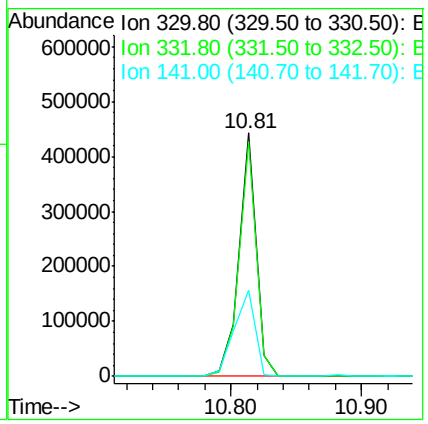




#41
2,4,6-Tribromophenol
Concen: 159.14 ng
RT: 10.81 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

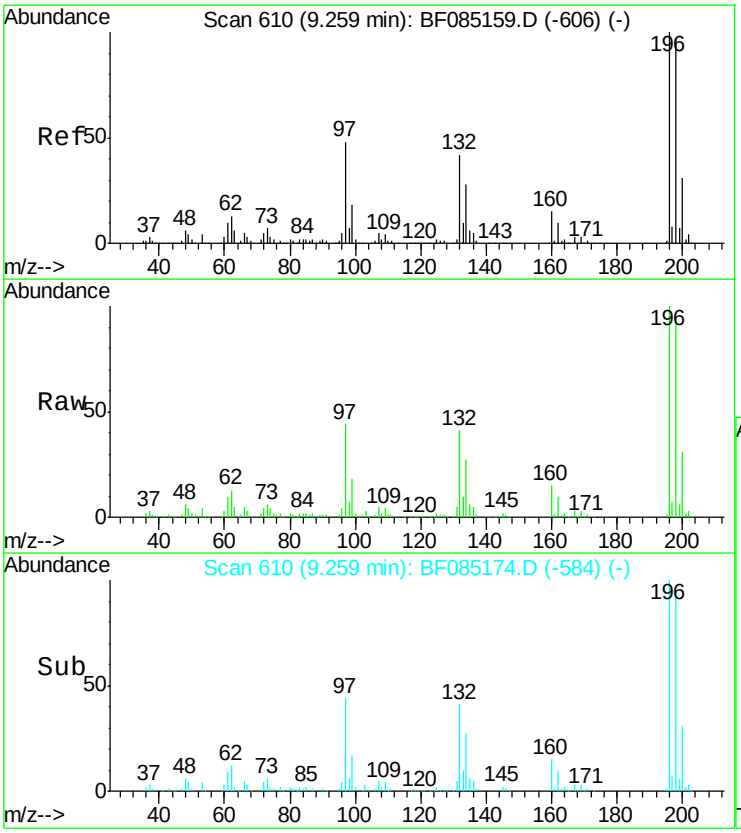
Tgt Ion:330 Resp: 402875

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.1	115.7
141	43.3	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

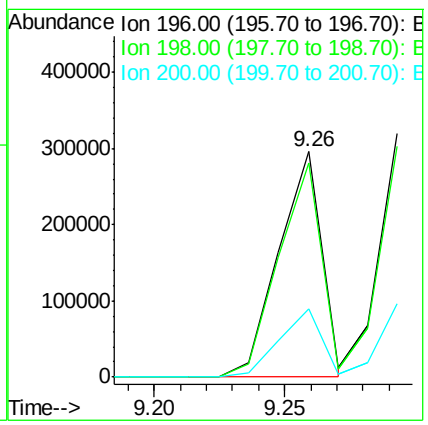
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

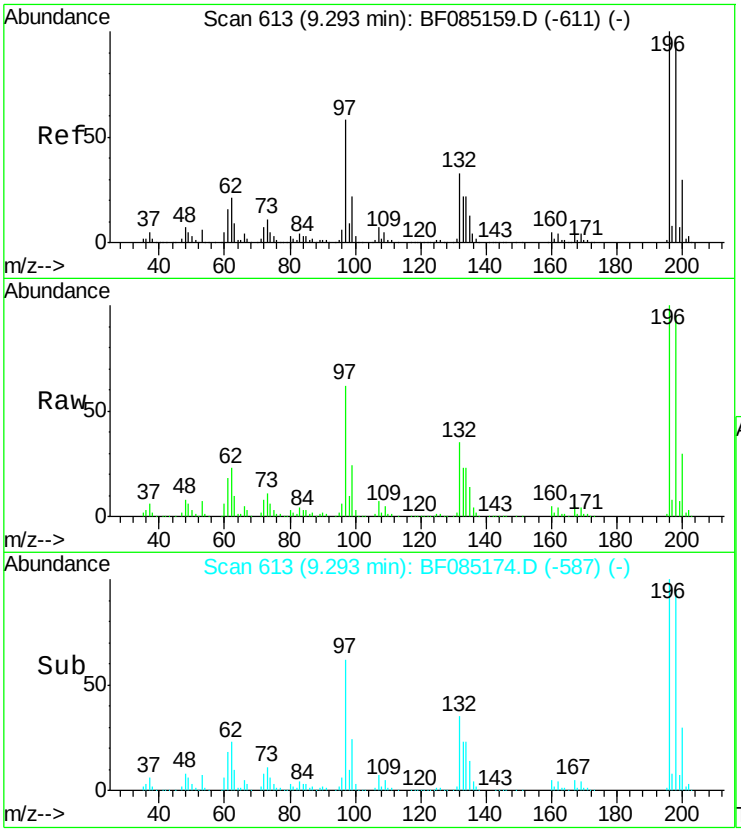


#42
2,4,6-Trichlorophenol
Concen: 53.44 ng
RT: 9.26 min Scan# 610
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:196 Resp: 336597

Ion	Ratio	Lower	Upper
196	100		
198	95.4	77.8	116.6
200	30.6	25.0	37.6

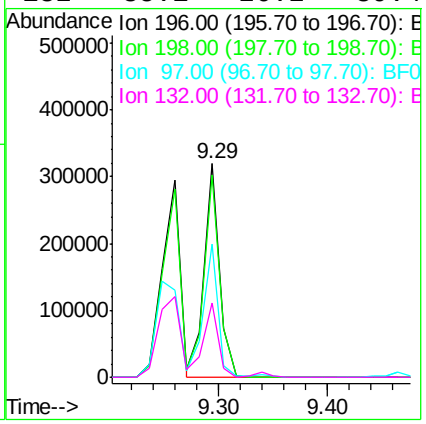




#43
2,4,5-Trichlorophenol
Concen: 53.41 ng
RT: 9.29 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

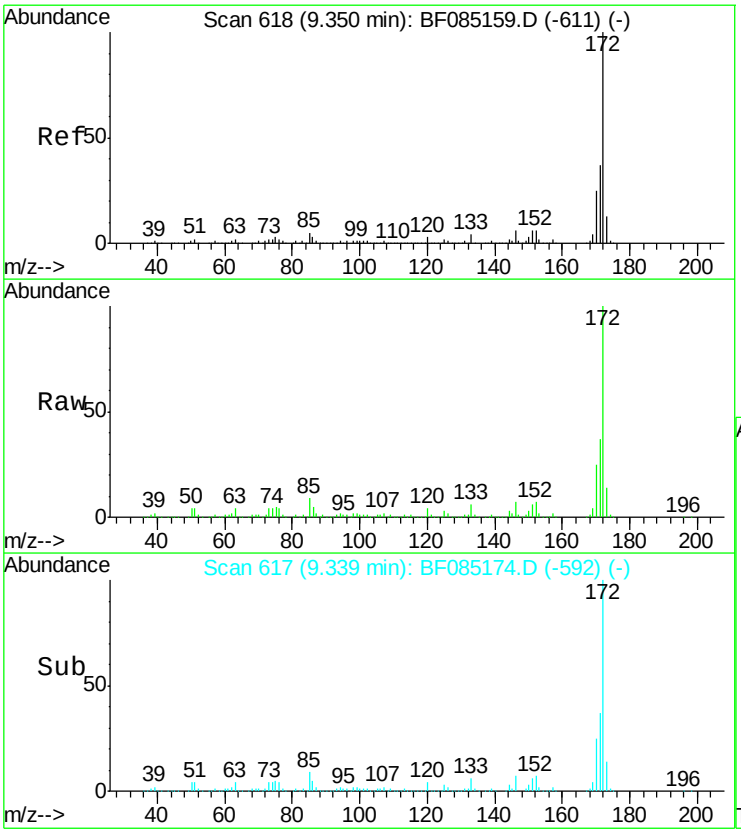
Tgt Ion:196 Resp: 318973

Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	62.2	46.4	69.6
132	35.1	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

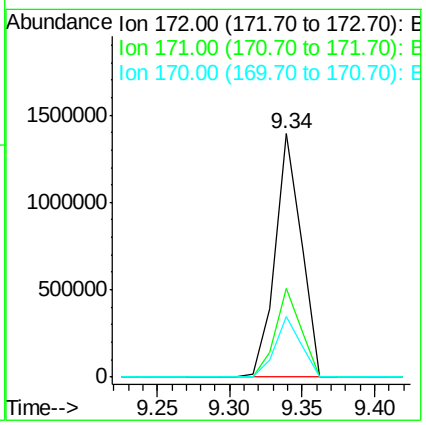
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

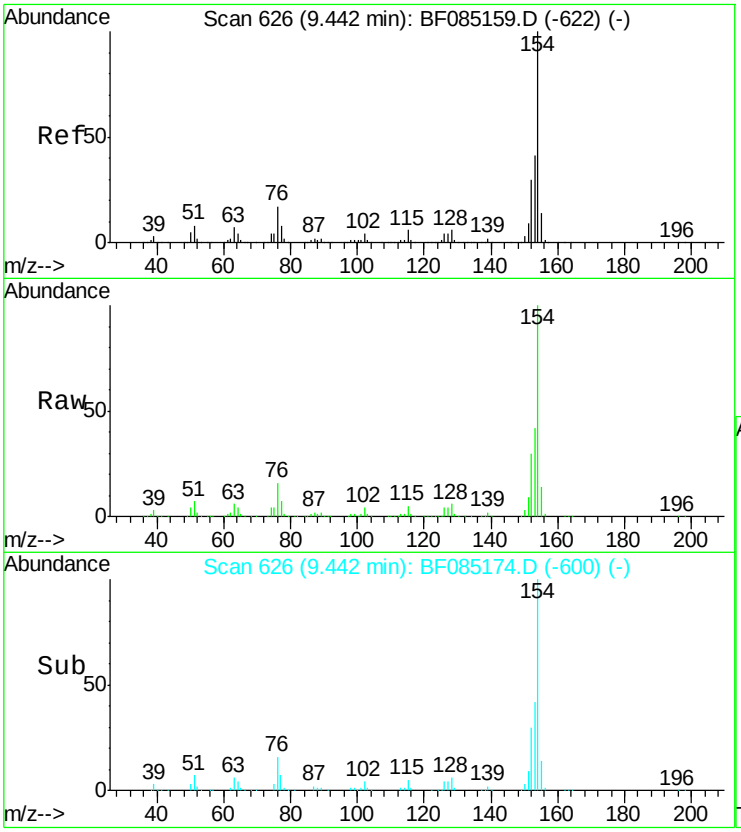


#44
2-Fluorobiphenyl
Concen: 89.22 ng
RT: 9.34 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:172 Resp: 1735721

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.3	43.9
170	24.8	20.0	30.0

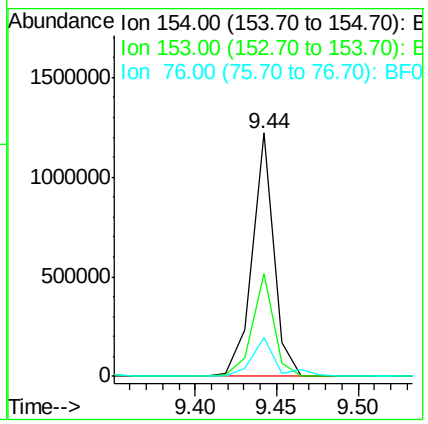




#45
1,1'-Biphenyl
Concen: 44.38 ng
RT: 9.44 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

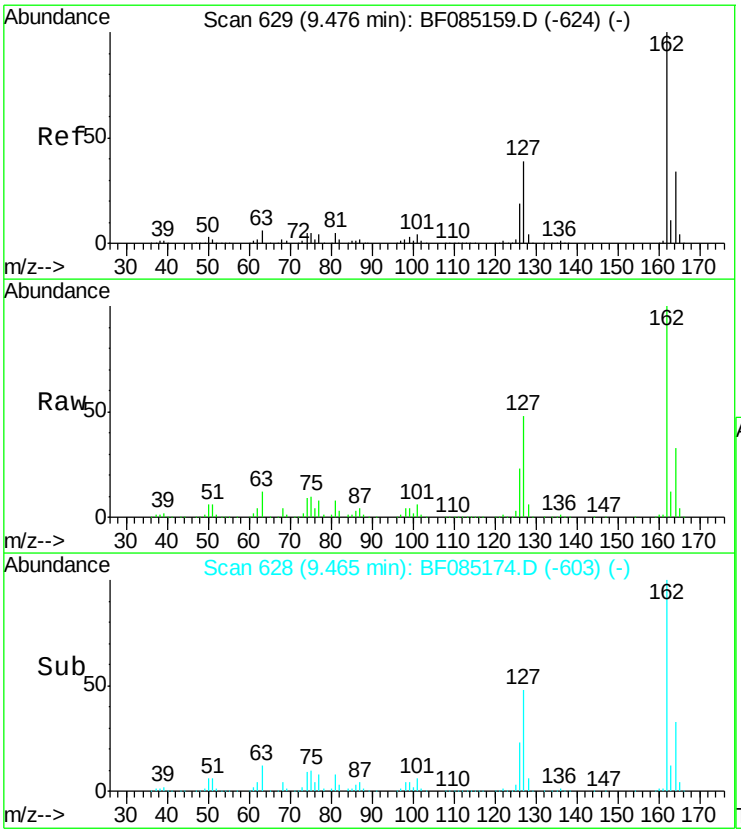
Tgt Ion:154 Resp: 1121829

Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.4	61.4
76	15.7	0.0	37.5



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

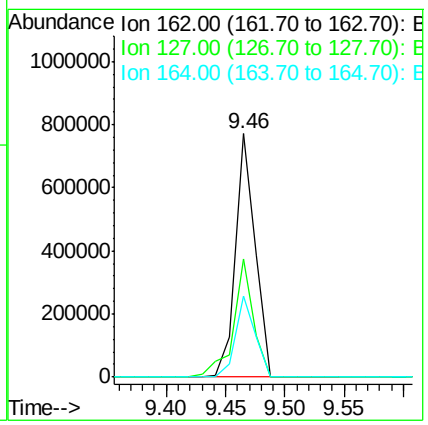
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

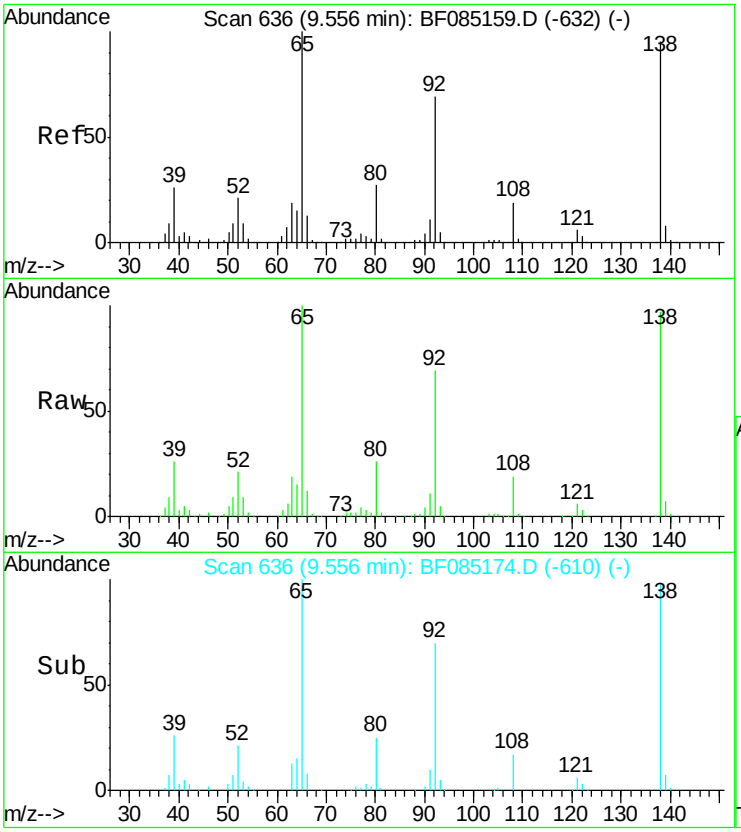


#46
2-Chloronaphthalene
Concen: 46.09 ng
RT: 9.46 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:162 Resp: 888100

Ion	Ratio	Lower	Upper
162	100		
127	48.4	31.6	47.4#
164	33.3	27.1	40.7

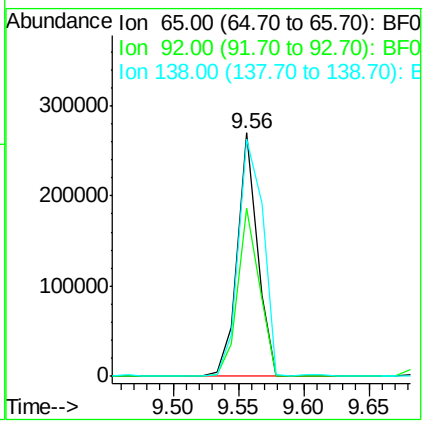




#47
2-Nitroaniline
Concen: 48.28 ng
RT: 9.56 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

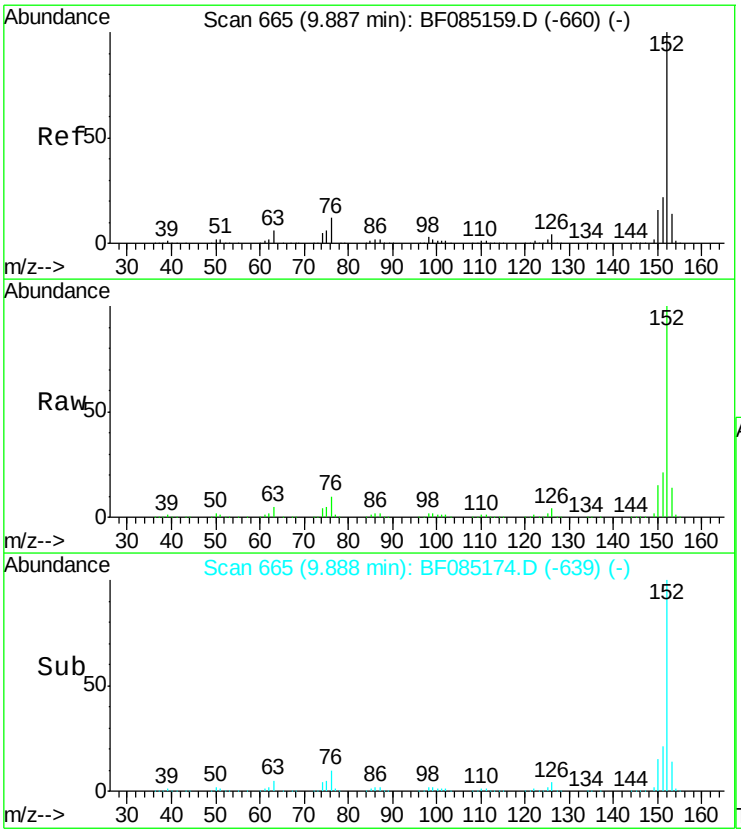
Tgt Ion: 65 Resp: 288268

Ion	Ratio	Lower	Upper
65	100		
92	69.1	55.4	83.2
138	97.2	75.7	113.5



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

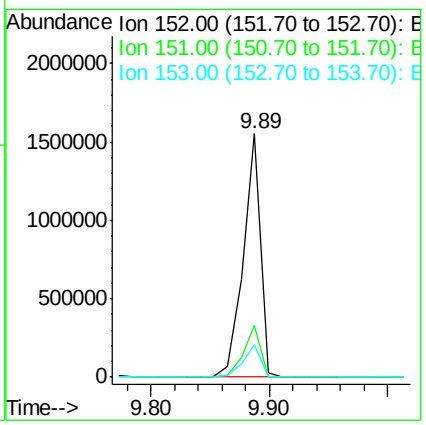
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

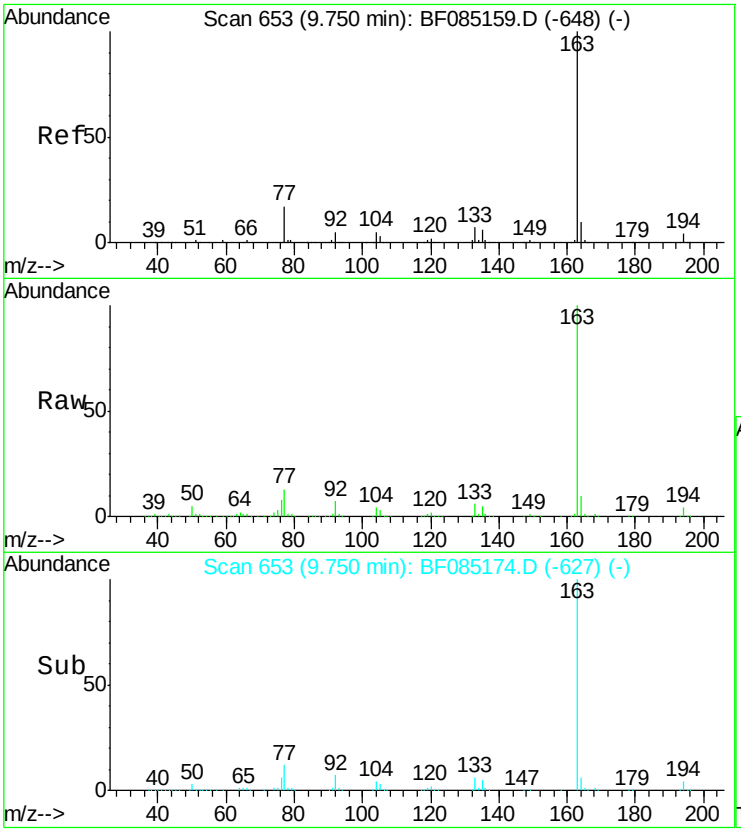


#48
Acenaphthylene
Concen: 51.89 ng
RT: 9.89 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:152 Resp: 1556124

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.5	26.3
153	13.6	11.3	16.9

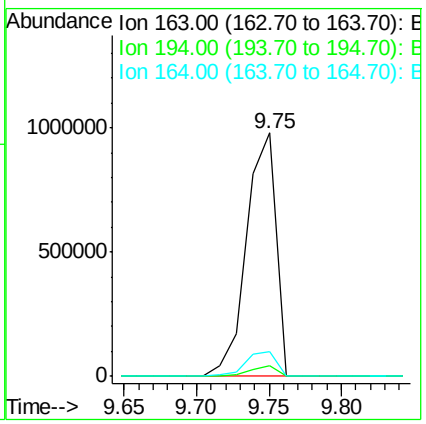




#49
Dimethylphthalate
Concen: 60.71 ng
RT: 9.75 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

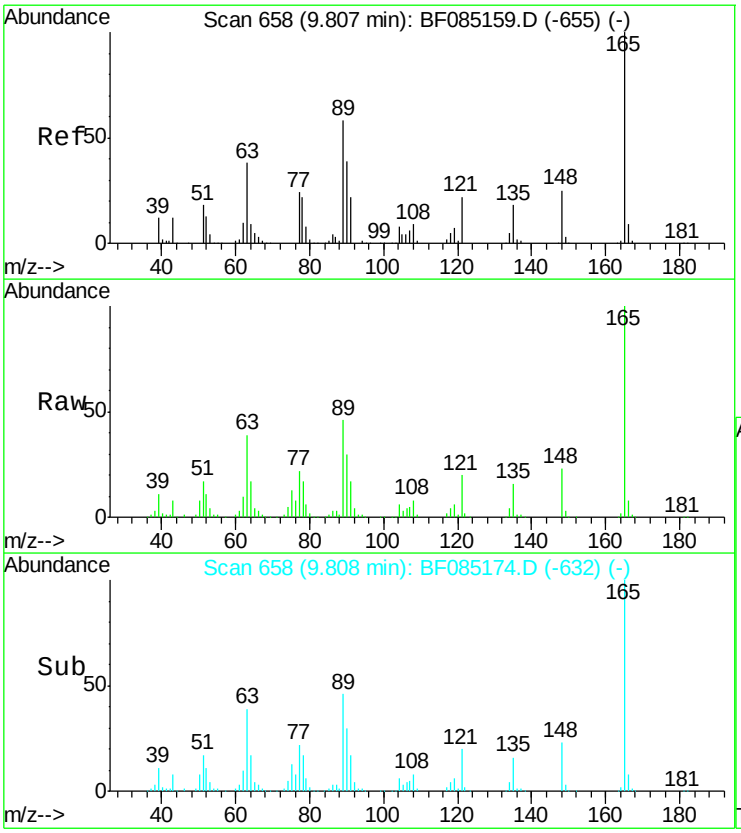
Tgt Ion:163 Resp: 1378767

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.9	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

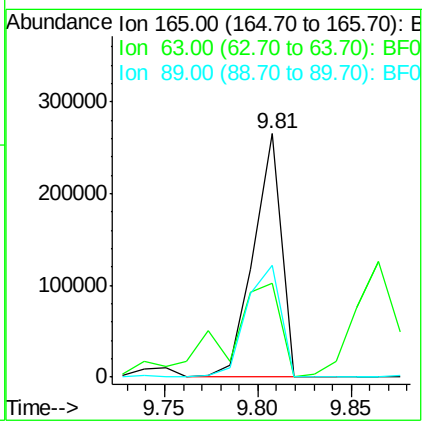
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

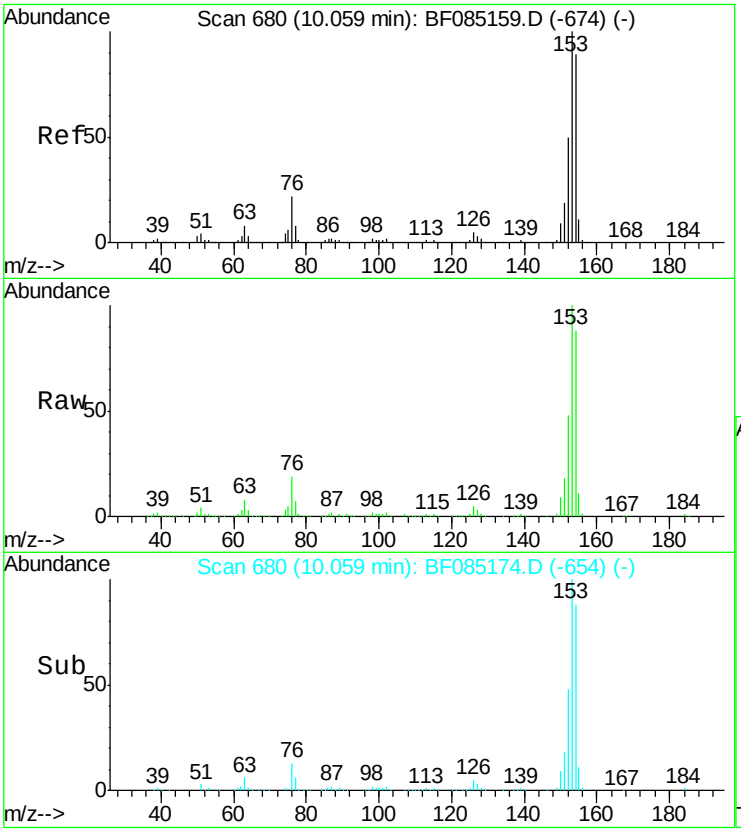


#50
2,6-Dinitrotoluene
Concen: 56.22 ng
RT: 9.81 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:165 Resp: 273139

Ion	Ratio	Lower	Upper
165	100		
63	38.6	41.8	62.8#
89	46.2	46.7	70.1#

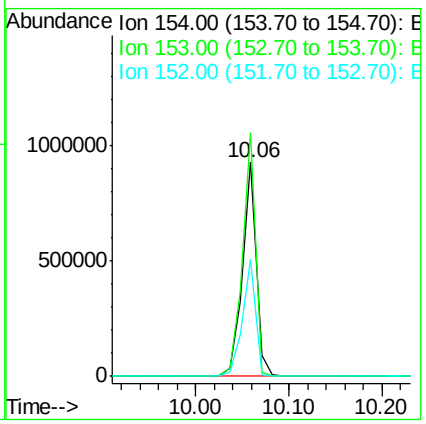




#51
Acenaphthene
Concen: 52.37 ng
RT: 10.06 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

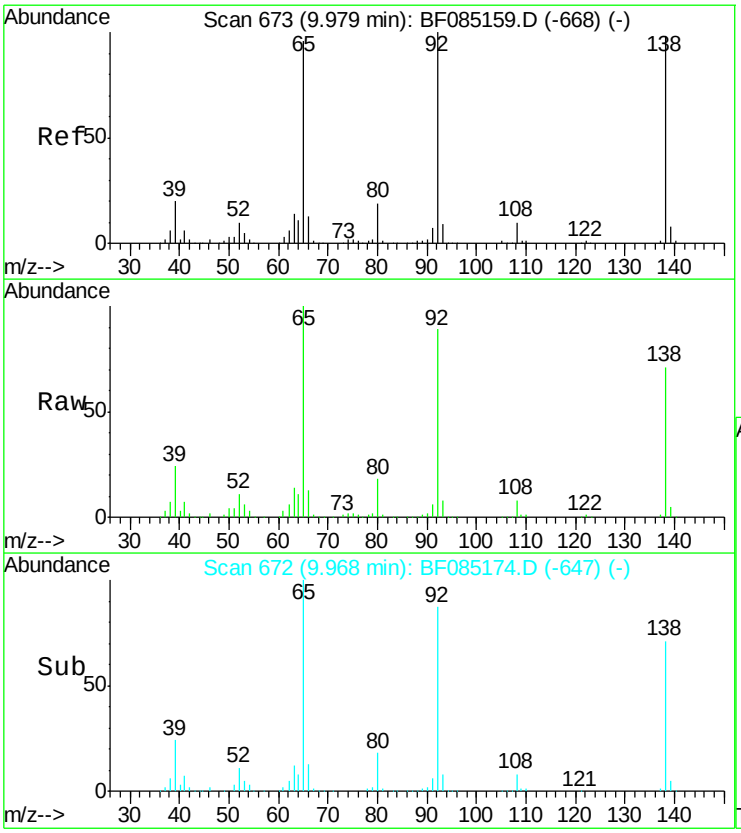
Tgt Ion:154 Resp: 953531

Ion	Ratio	Lower	Upper
154	100		
153	114.0	89.8	134.8
152	54.8	44.6	66.8



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

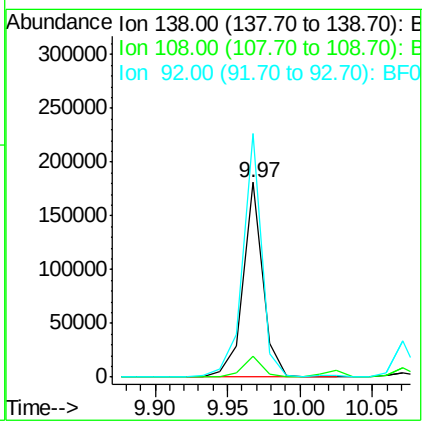
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

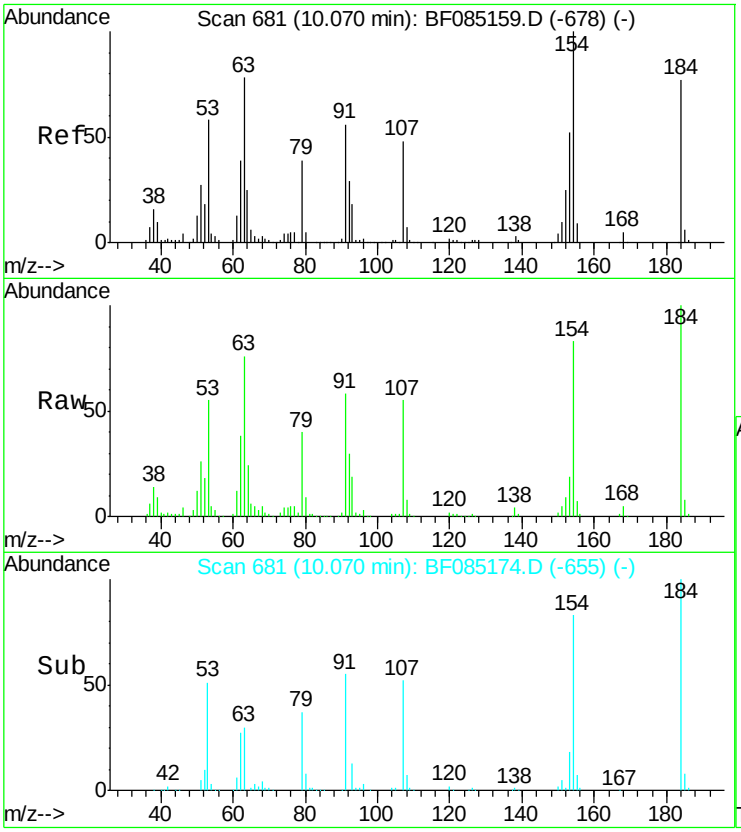


#52
3-Nitroaniline
Concen: 29.24 ng
RT: 9.97 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:138 Resp: 169941

Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.8	11.6
92	125.1	81.3	121.9#

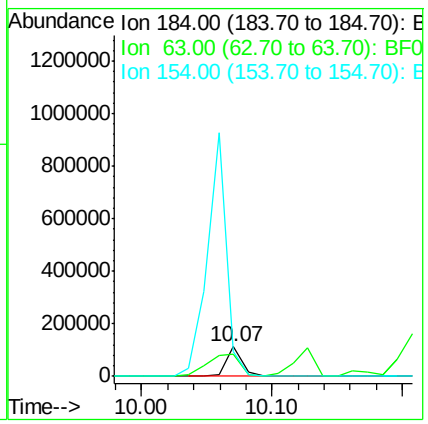




#53
2,4-Dinitrophenol
Concen: 42.18 ng
RT: 10.07 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

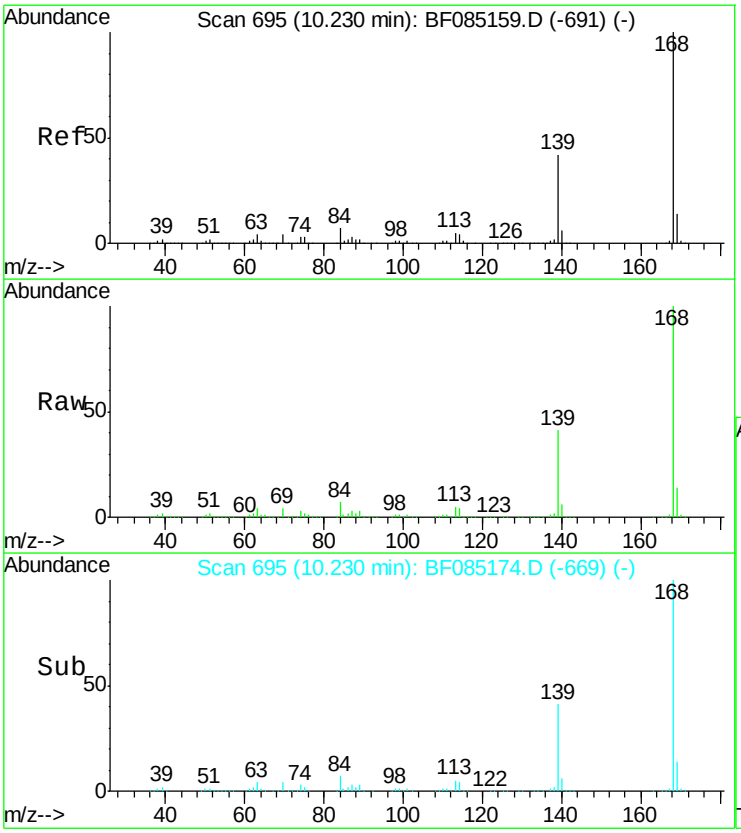
Tgt Ion:184 Resp: 93592

Ion	Ratio	Lower	Upper
184	100		
63	76.0	82.2	123.4#
154	82.7	108.9	163.3#



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

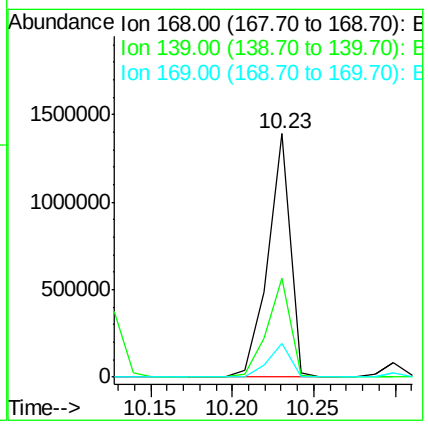
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

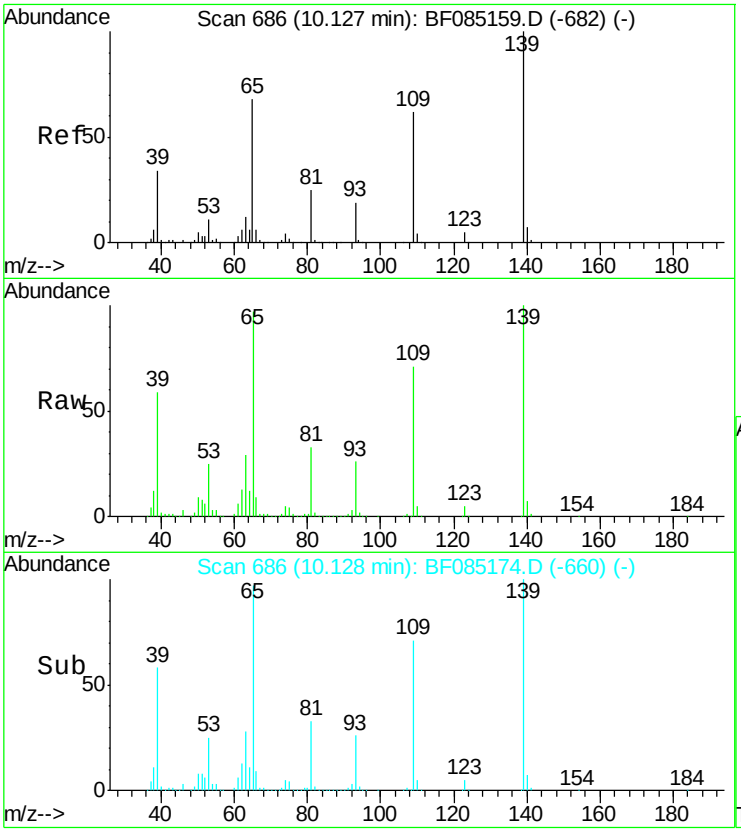


#54
Dibenzofuran
Concen: 56.01 ng
RT: 10.23 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:168 Resp: 1336053

Ion	Ratio	Lower	Upper
168	100		
139	40.6	33.6	50.4
169	13.7	11.2	16.8

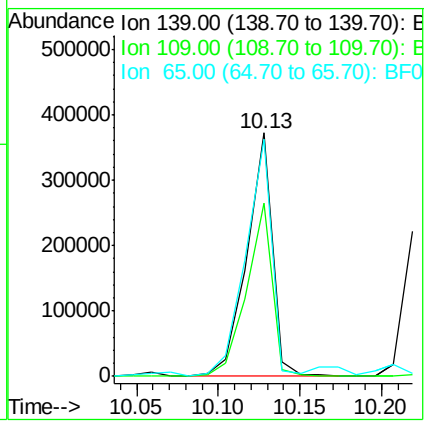




#55
4-Nitrophenol
Concen: 88.67 ng
RT: 10.13 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

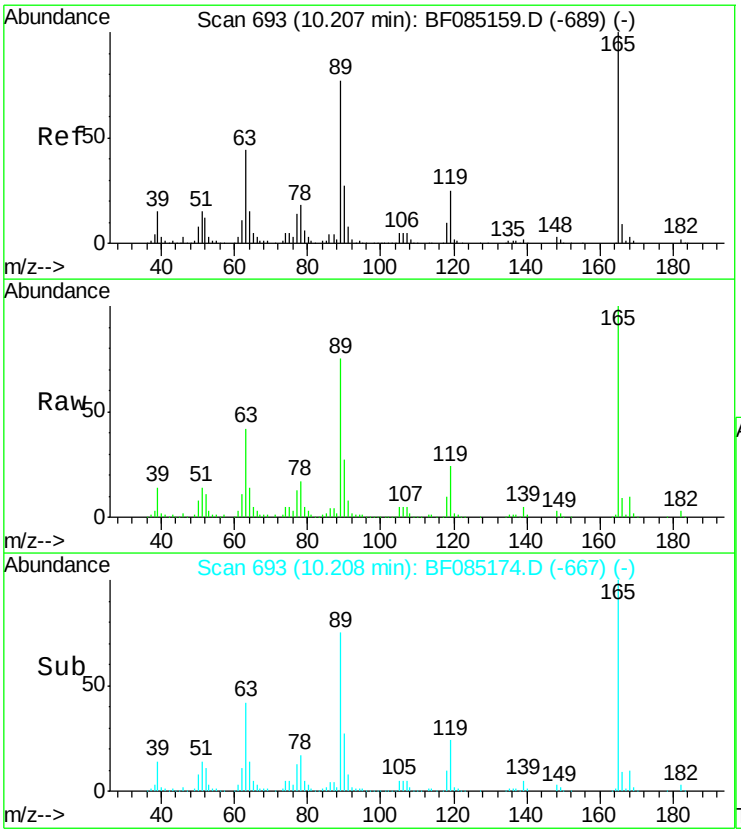
Tgt Ion:139 Resp: 404999

Ion	Ratio	Lower	Upper
139	100		
109	71.0	41.9	81.9
65	97.2	48.3	88.3#



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

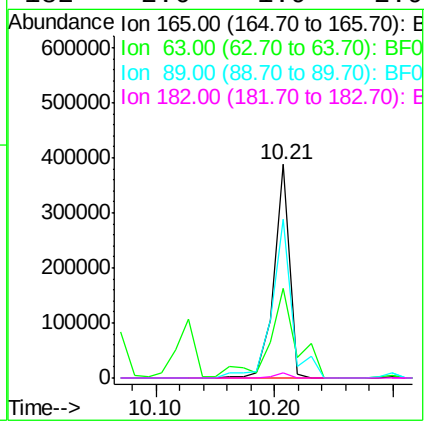
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

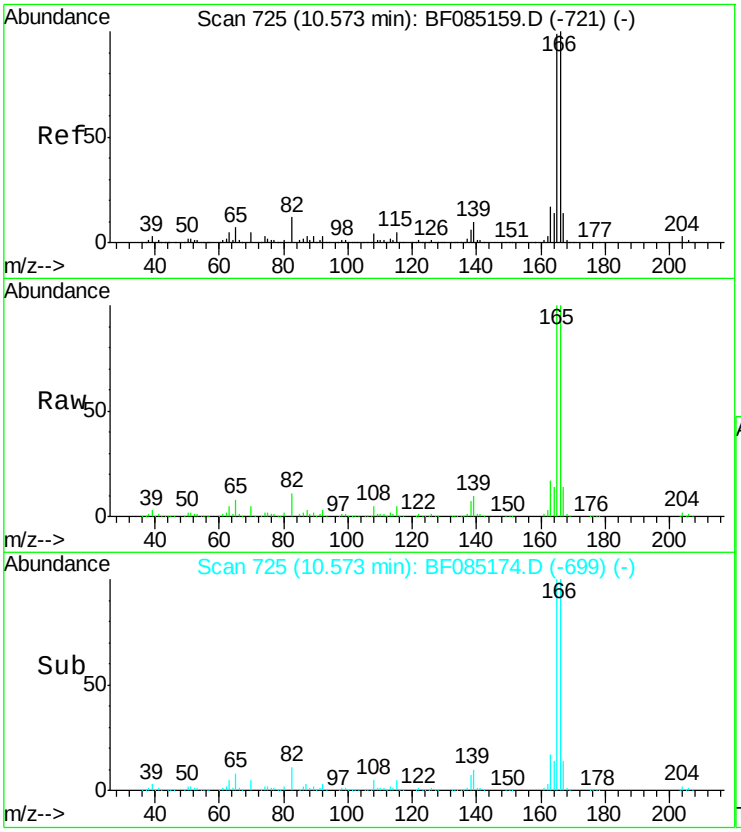


#56
2,4-Dinitrotoluene
Concen: 56.68 ng
RT: 10.21 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:165 Resp: 352424

Ion	Ratio	Lower	Upper
165	100		
63	42.0	35.4	53.0
89	74.6	61.9	92.9
182	2.6	1.9	2.9

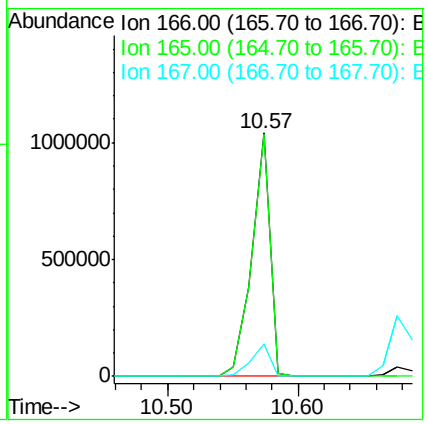




#57
Fluorene
Concen: 54.05 ng
RT: 10.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

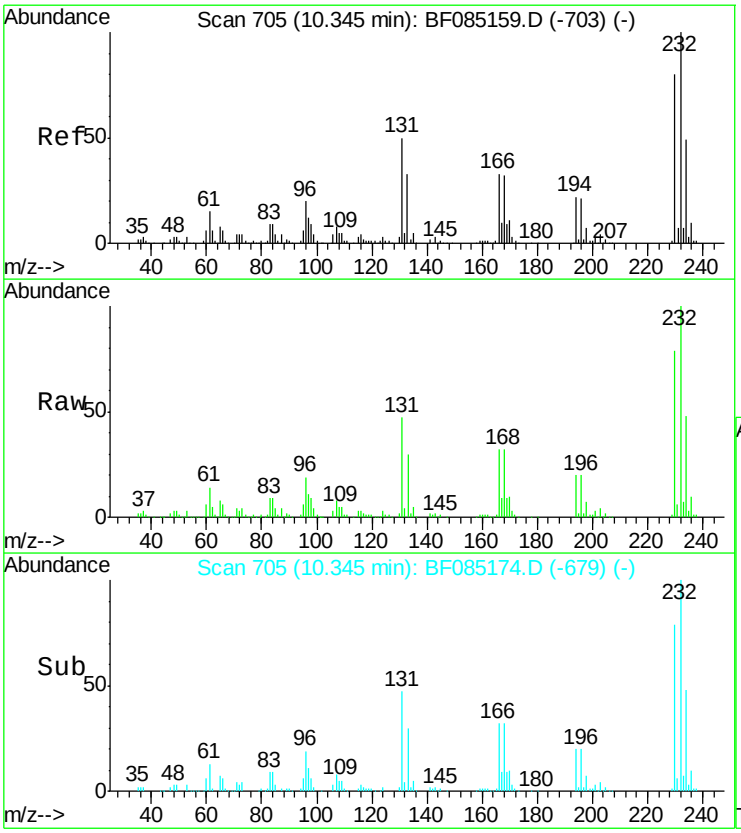
Tgt Ion:166 Resp: 1012865

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.4	119.0
167	13.5	11.0	16.6



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

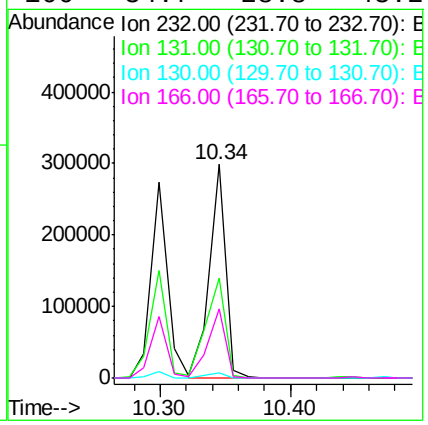
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

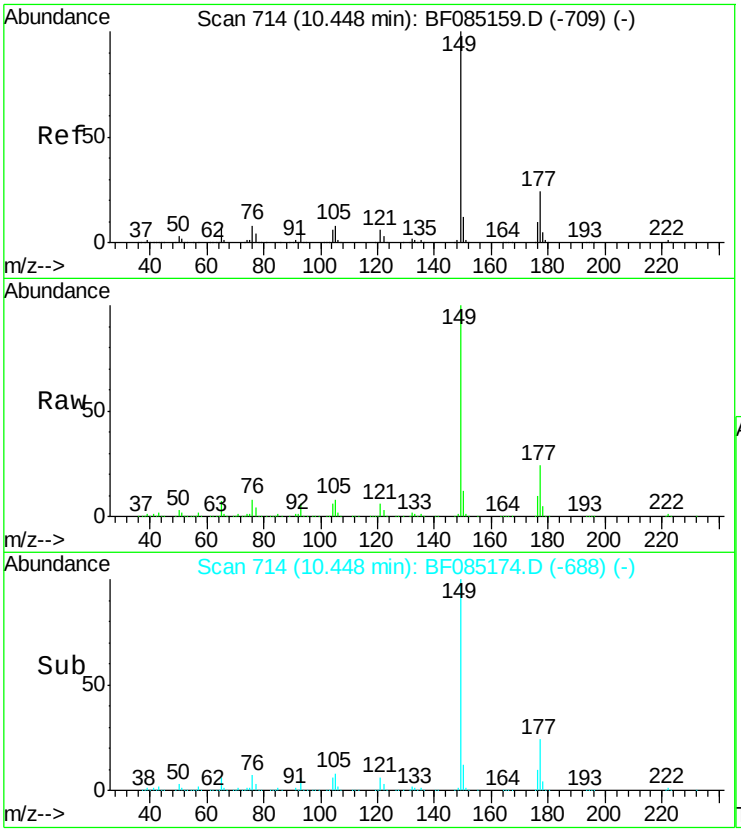


#58
2,3,4,6-Tetrachlorophenol
Concen: 62.22 ng
RT: 10.34 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:232 Resp: 261029

Ion	Ratio	Lower	Upper
232	100		
131	55.4	46.0	69.0
130	2.7	2.2	3.4
166	34.7	28.8	43.2

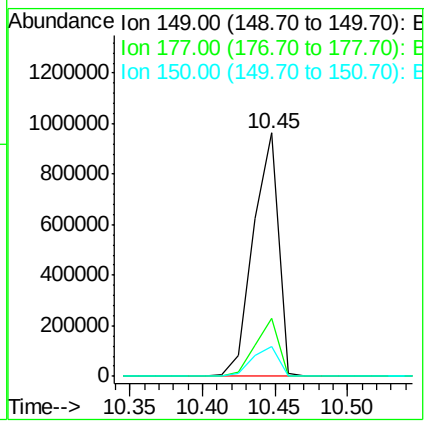




#59
Diethylphthalate
Concen: 52.57 ng
RT: 10.45 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

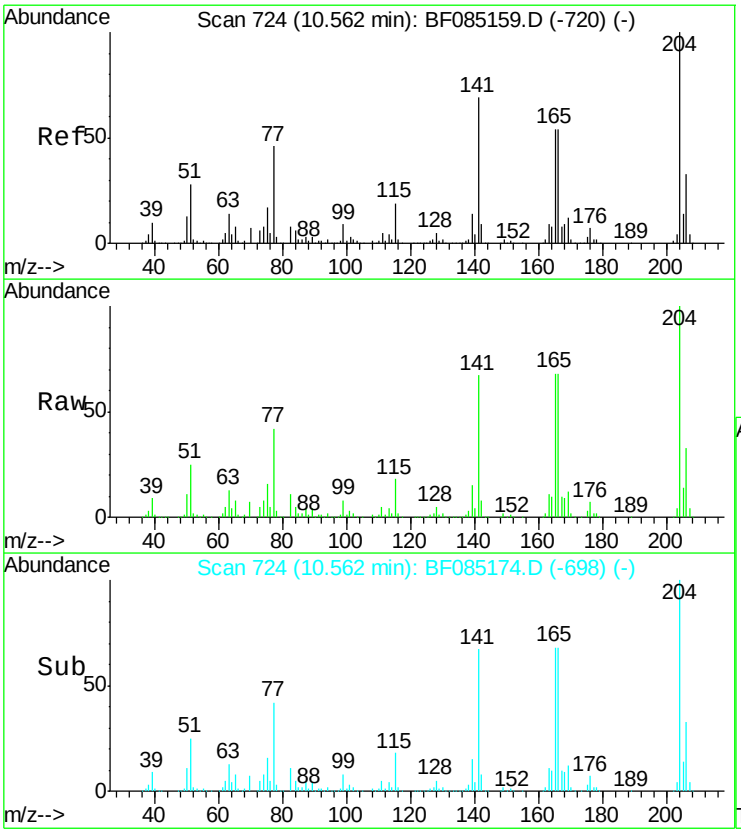
Tgt Ion:149 Resp: 1158561

Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.2	28.8
150	12.3	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

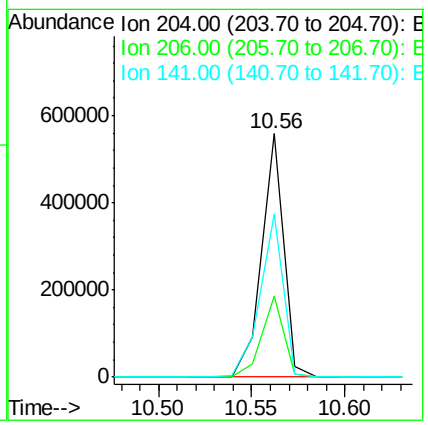
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

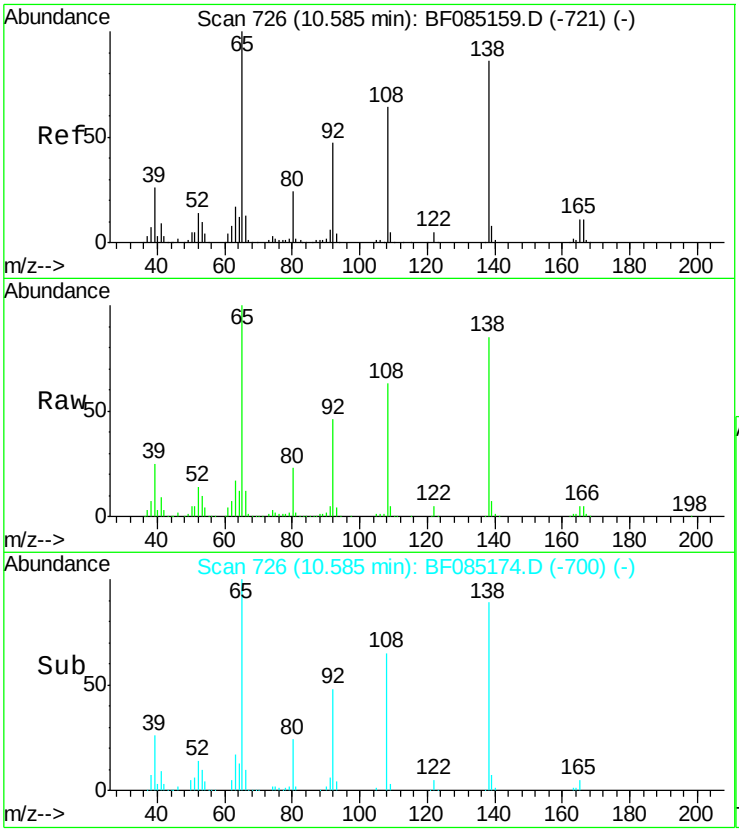


#60
4-Chlorophenyl-phenylether
Concen: 51.04 ng
RT: 10.56 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:204 Resp: 465292

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	67.0	55.4	83.2

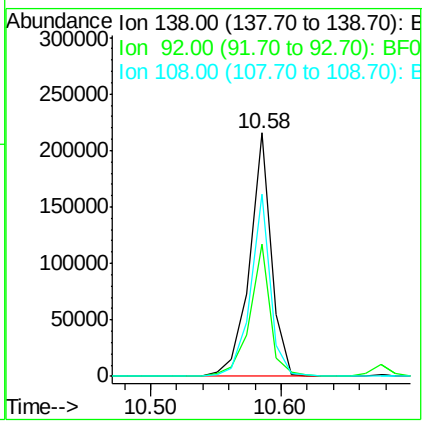




#61
4-Nitroaniline
Concen: 45.95 ng
RT: 10.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

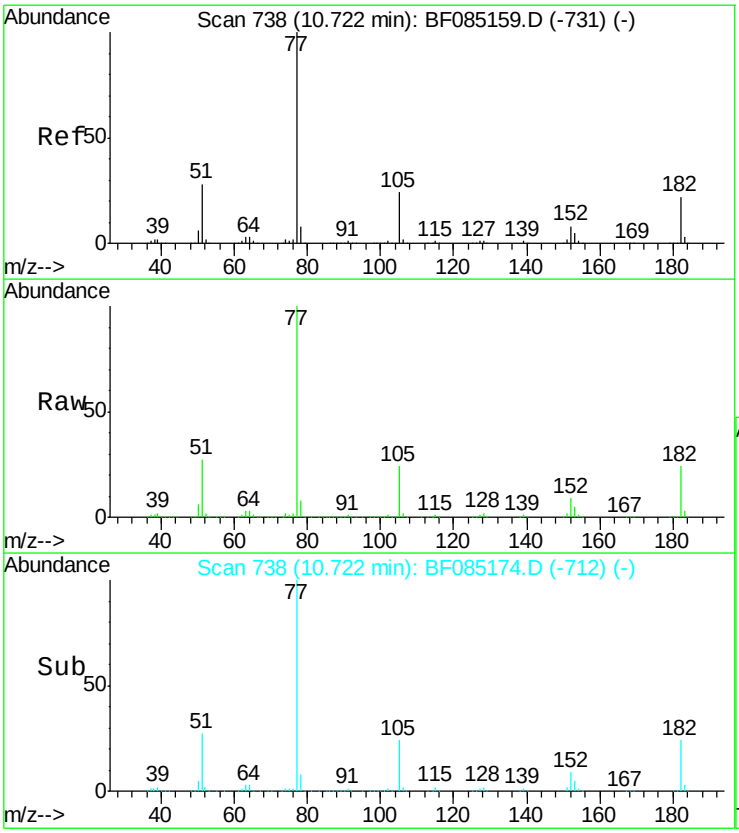
Tgt Ion:138 Resp: 249814

Ion	Ratio	Lower	Upper
138	100		
92	54.4	34.2	74.2
108	74.8	53.9	93.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

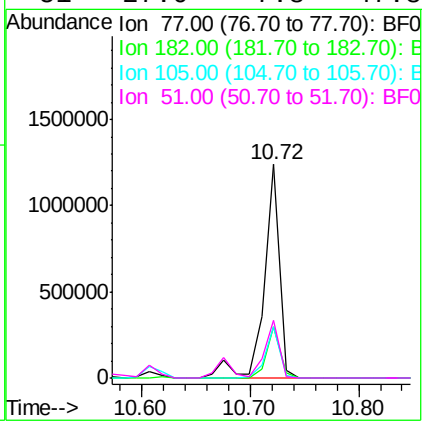
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

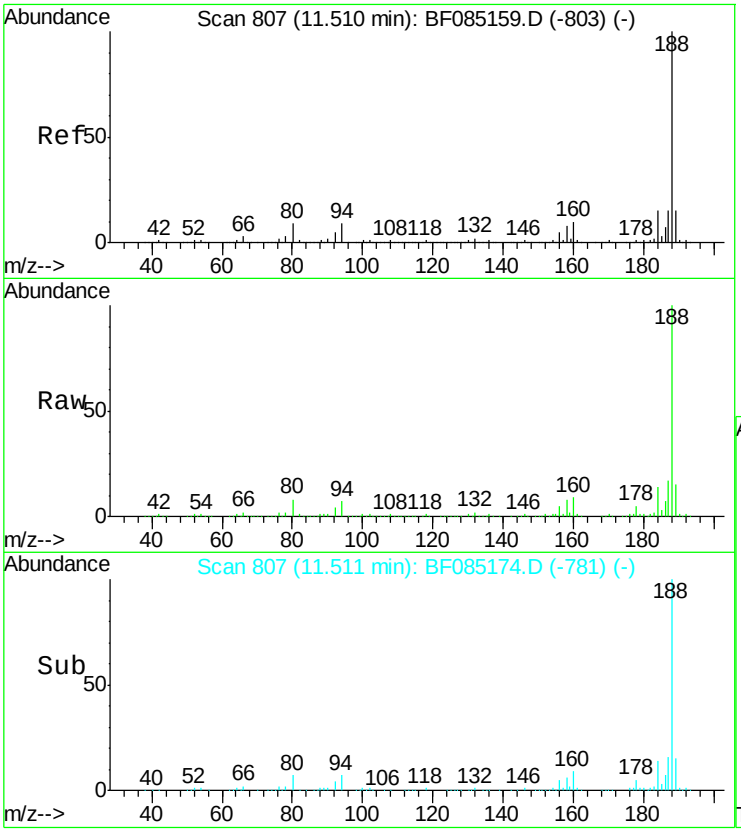


#62
Azobenzene
Concen: 57.36 ng
RT: 10.72 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion: 77 Resp: 1245279

Ion	Ratio	Lower	Upper
77	100		
182	23.7	2.1	42.1
105	24.3	3.8	43.8
51	27.0	7.8	47.8

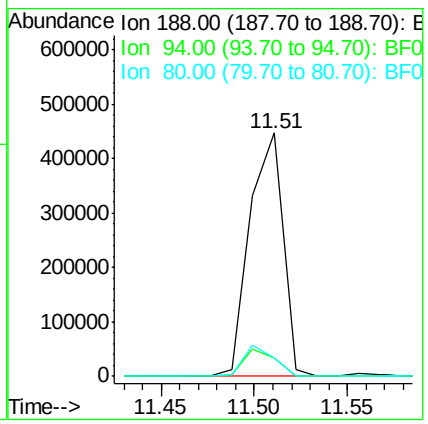




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

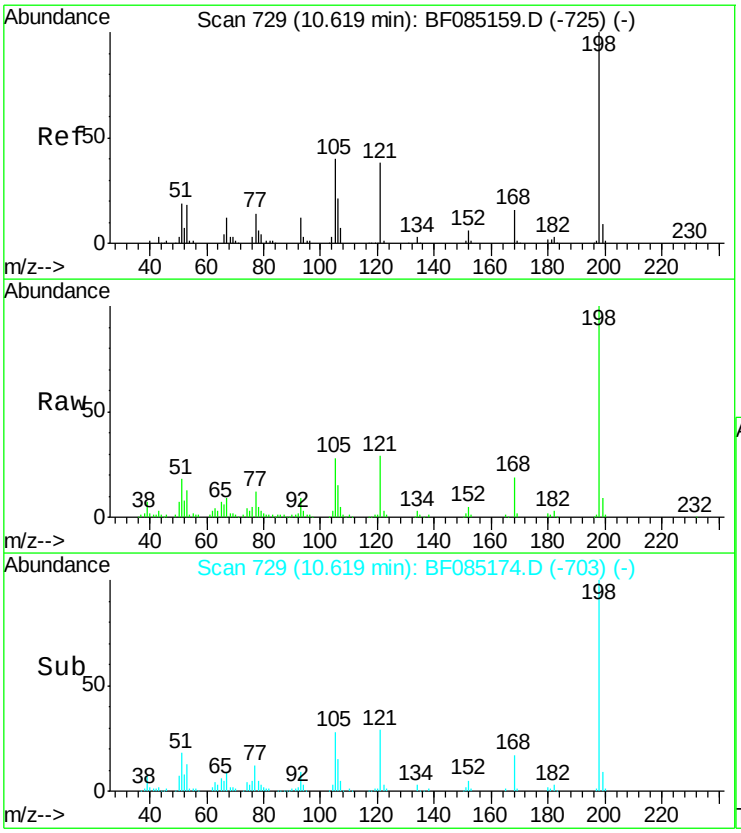
Tgt Ion:188 Resp: 552262

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	7.5	7.4	11.0



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

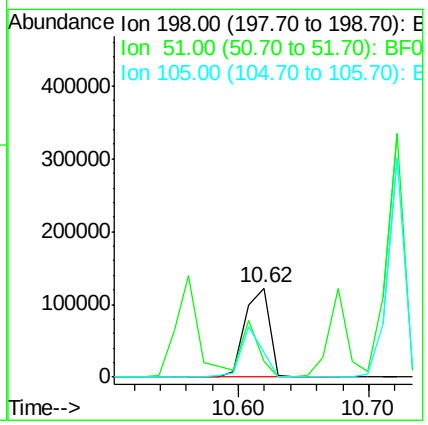
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

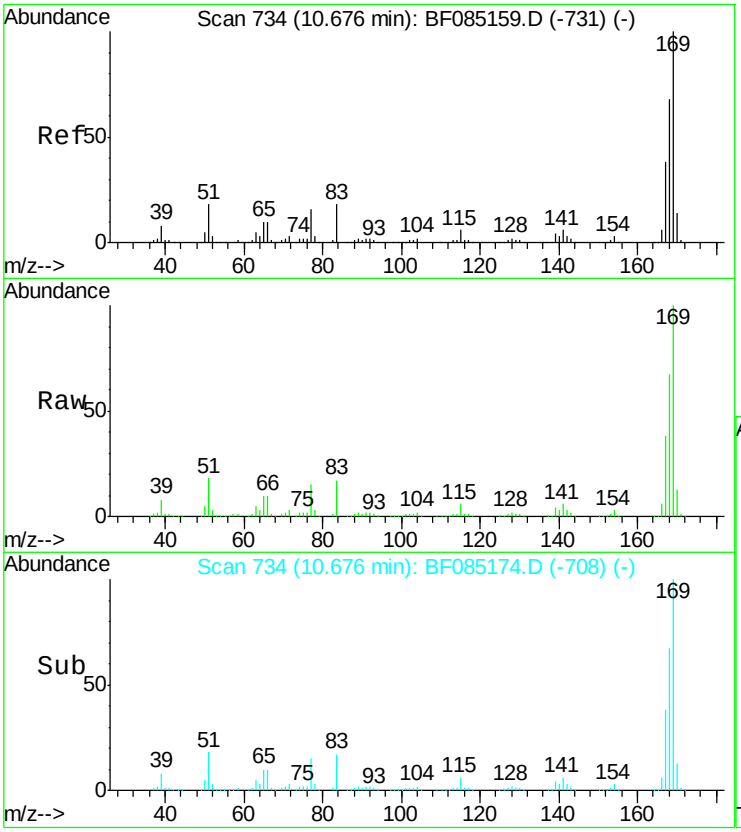


#64
4,6-Dinitro-2-methylphenol
Concen: 48.18 ng
RT: 10.62 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:198 Resp: 159304

Ion	Ratio	Lower	Upper
198	100		
51	17.5	9.5	49.5
105	28.1	20.5	60.5

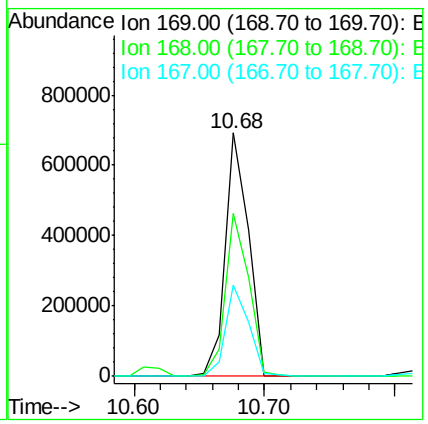




#65
n-Nitrosodiphenylamine
Concen: 49.41 ng
RT: 10.68 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

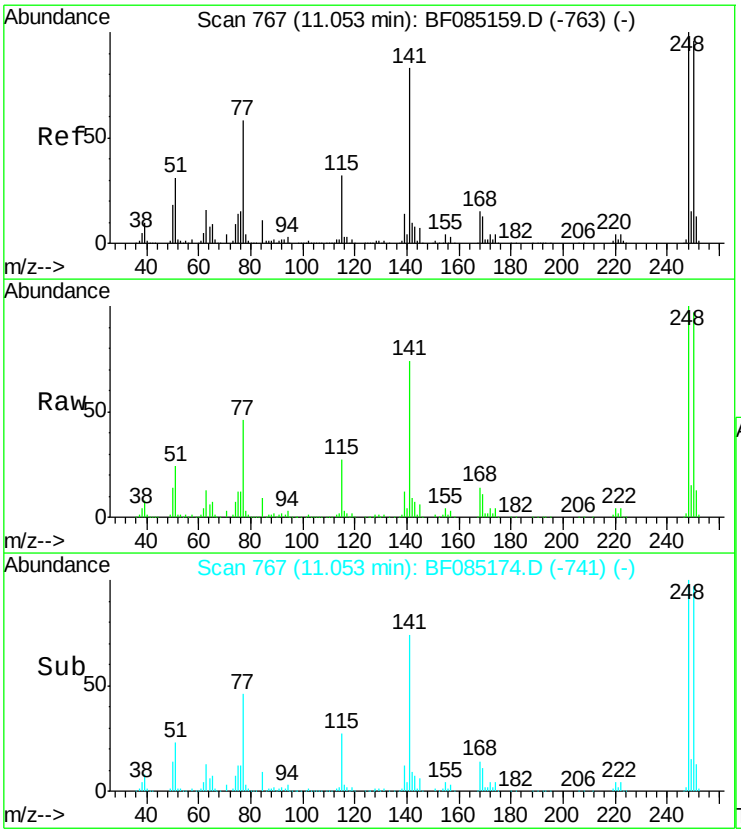
Tgt Ion:169 Resp: 848776

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.8	82.2
167	37.5	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

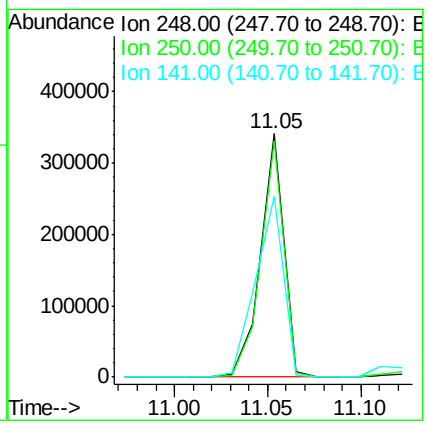
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

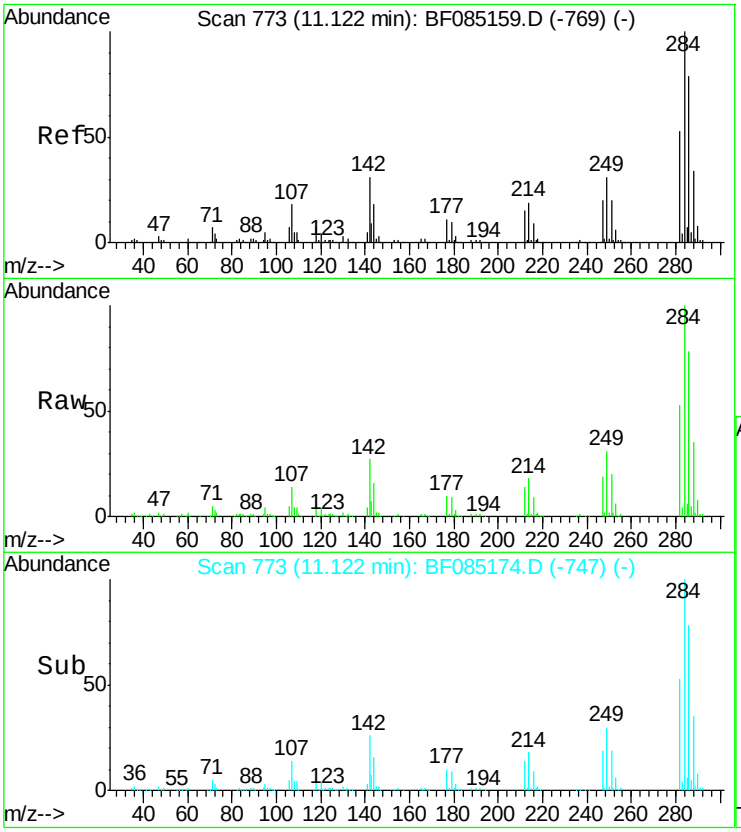


#66
4-Bromophenyl-phenylether
Concen: 54.47 ng
RT: 11.05 min Scan# 767
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:248 Resp: 292104

Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.1	115.7
141	74.2	66.2	99.2

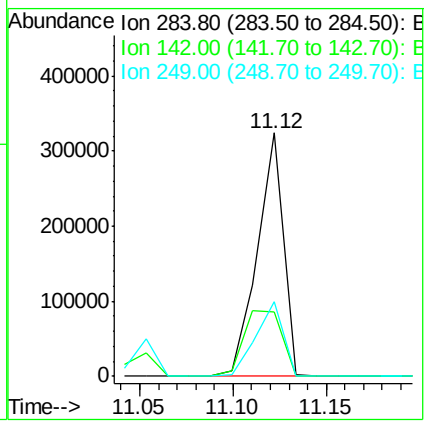




#67
Hexachlorobenzene
Concen: 54.51 ng
RT: 11.12 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

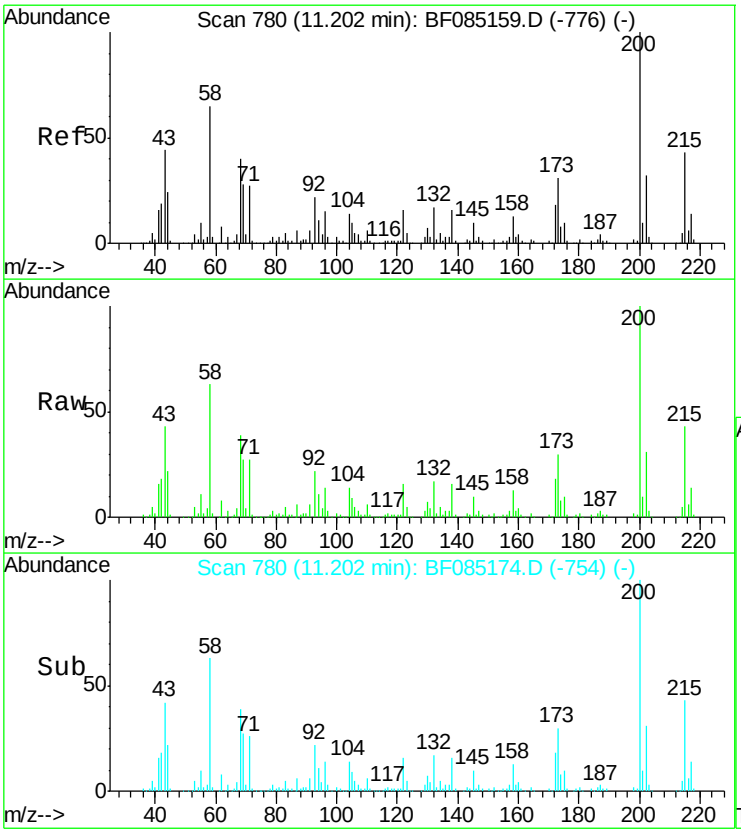
Tgt Ion:284 Resp: 311846

Ion	Ratio	Lower	Upper
284	100		
142	26.6	24.9	37.3
249	30.5	25.0	37.4



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

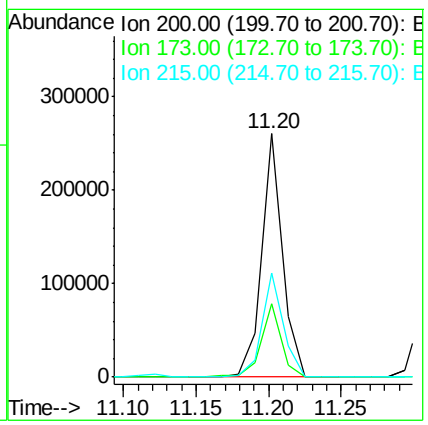
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

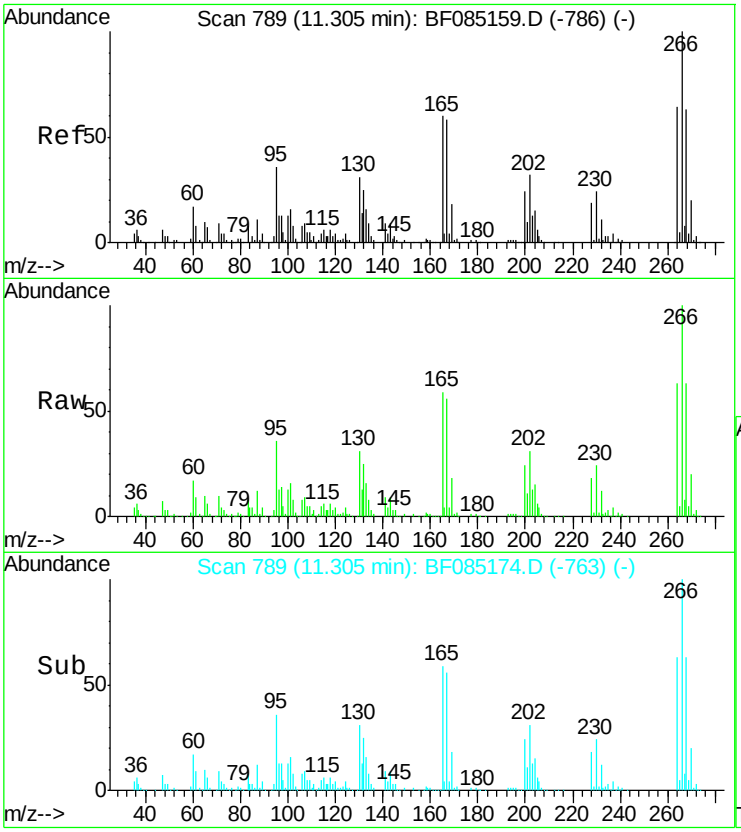


#68
Atrazine
Concen: 54.24 ng
RT: 11.20 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:200 Resp: 259107

Ion	Ratio	Lower	Upper
200	100		
173	30.3	10.5	50.5
215	42.8	23.4	63.4

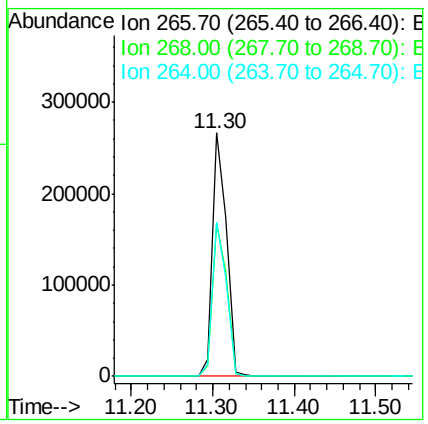




#69
Pentachlorophenol
Concen: 101.90 ng
RT: 11.30 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

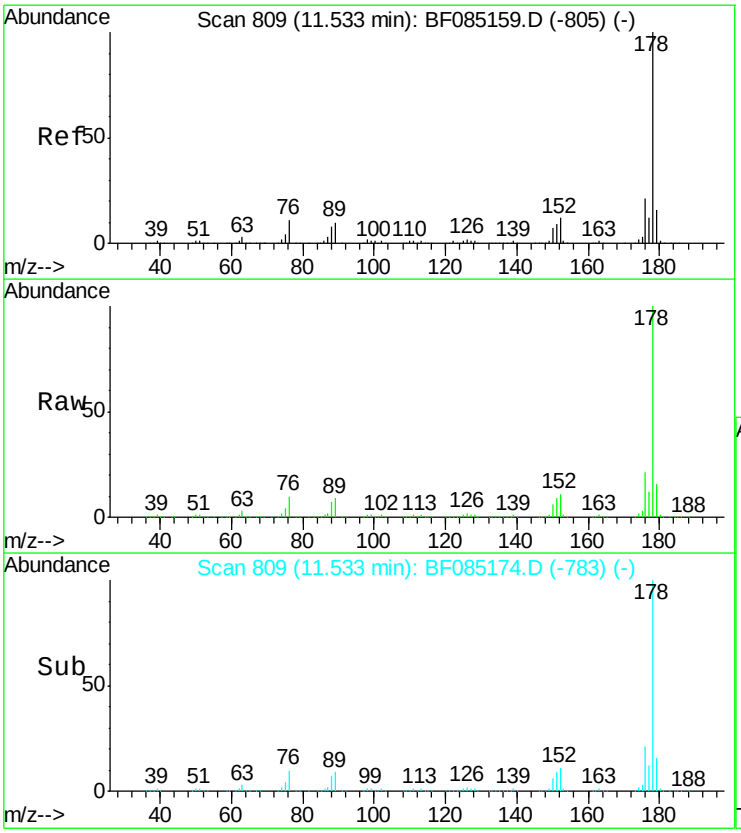
Tgt Ion:266 Resp: 323570

Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.0	75.0
264	63.2	51.4	77.2



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

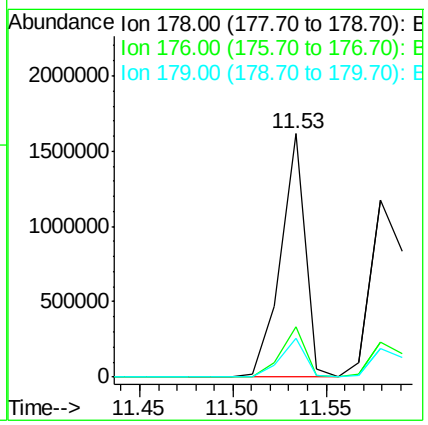
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

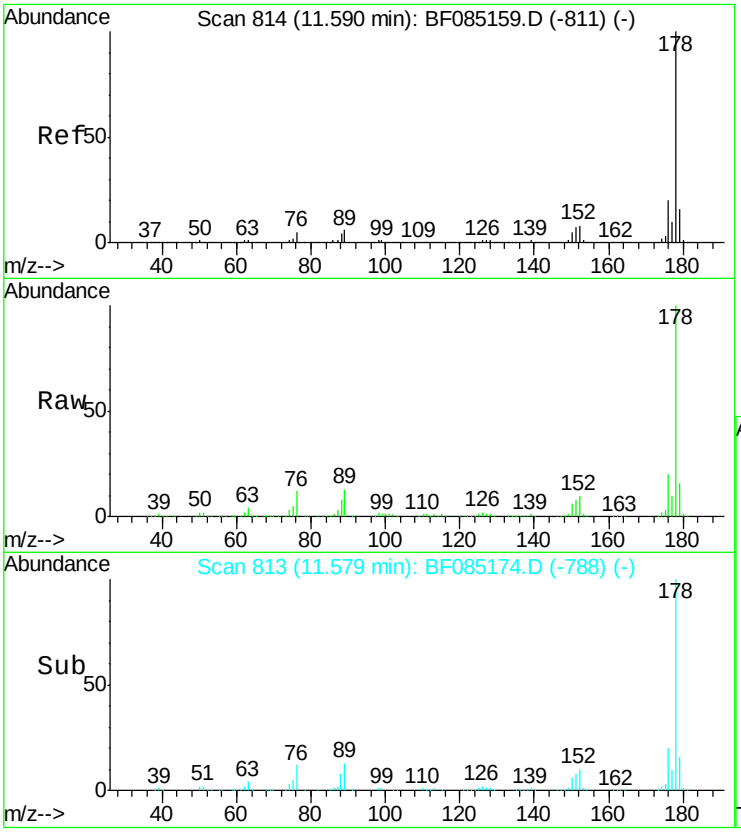


#70
Phenanthrene
Concen: 51.39 ng
RT: 11.53 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:178 Resp: 1487241

Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.8	25.2
179	16.2	13.1	19.7

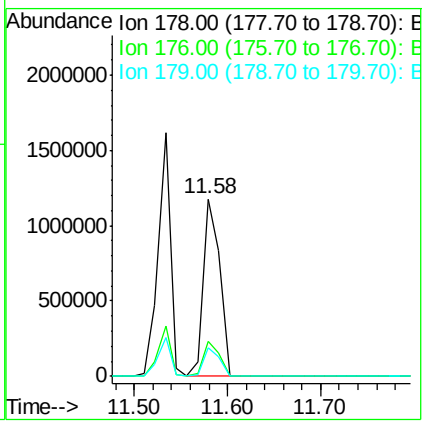




#71
Anthracene
Concen: 47.46 ng
RT: 11.58 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

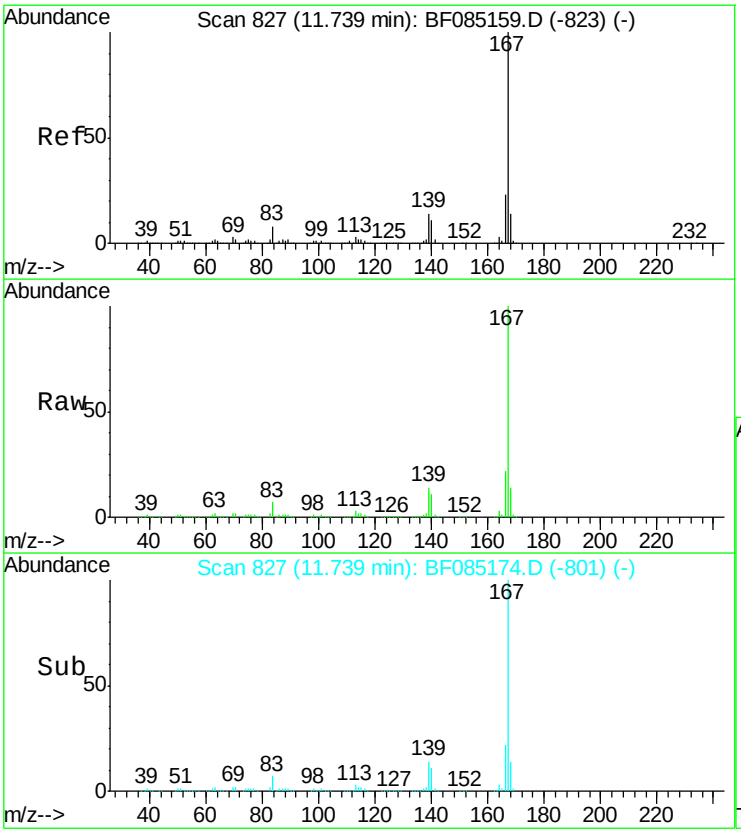
Tgt Ion:178 Resp: 1458268

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



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

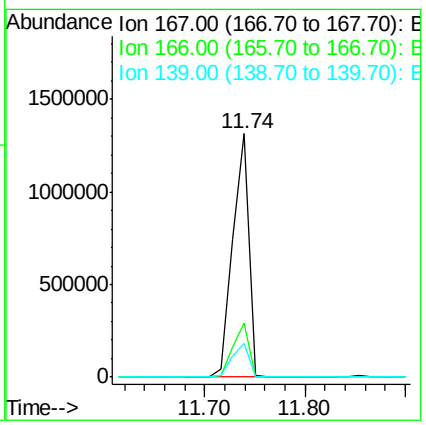
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

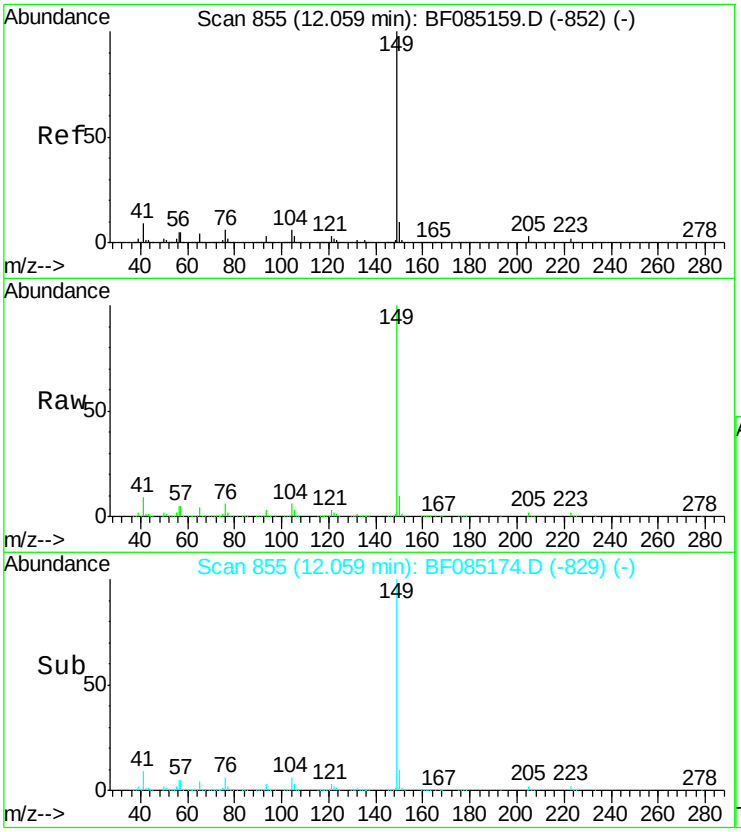


#72
Carbazole
Concen: 53.94 ng
RT: 11.74 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:167 Resp: 1453189

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.2	27.2
139	13.6	11.4	17.0

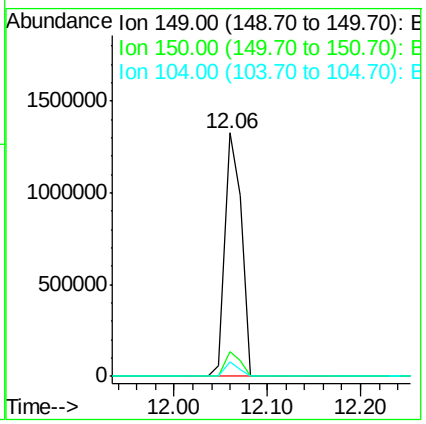




#73
Di-n-butylphthalate
Concen: 47.90 ng
RT: 12.06 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

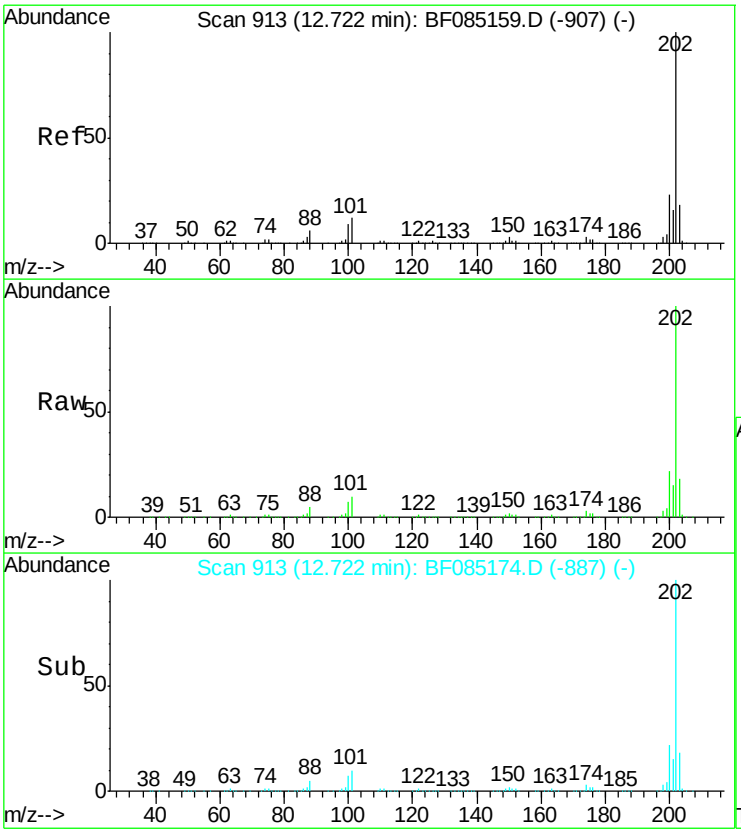
Tgt Ion:149 Resp: 1631327

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.6
104	5.9	4.7	7.1



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

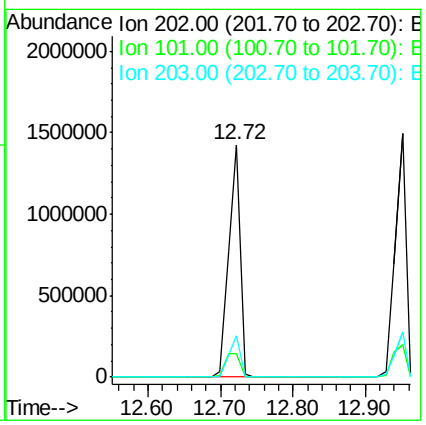
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

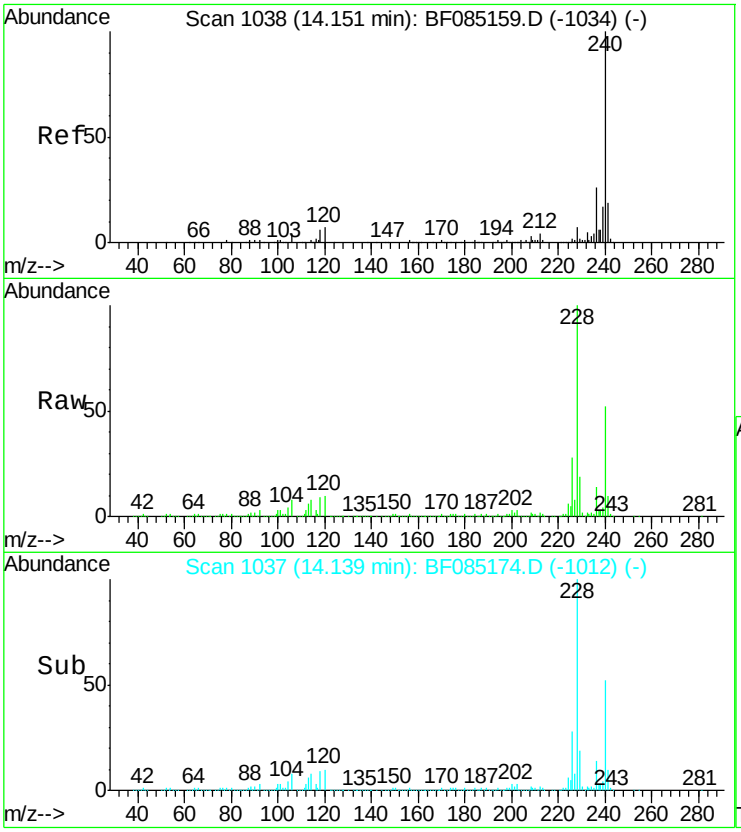


#74
Fluoranthene
Concen: 53.42 ng
RT: 12.72 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:202 Resp: 1551545

Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	31.8
203	17.7	0.0	38.4

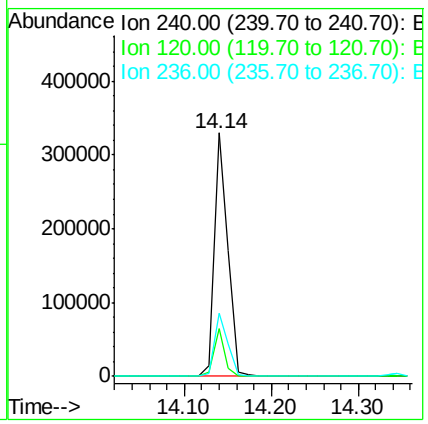




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

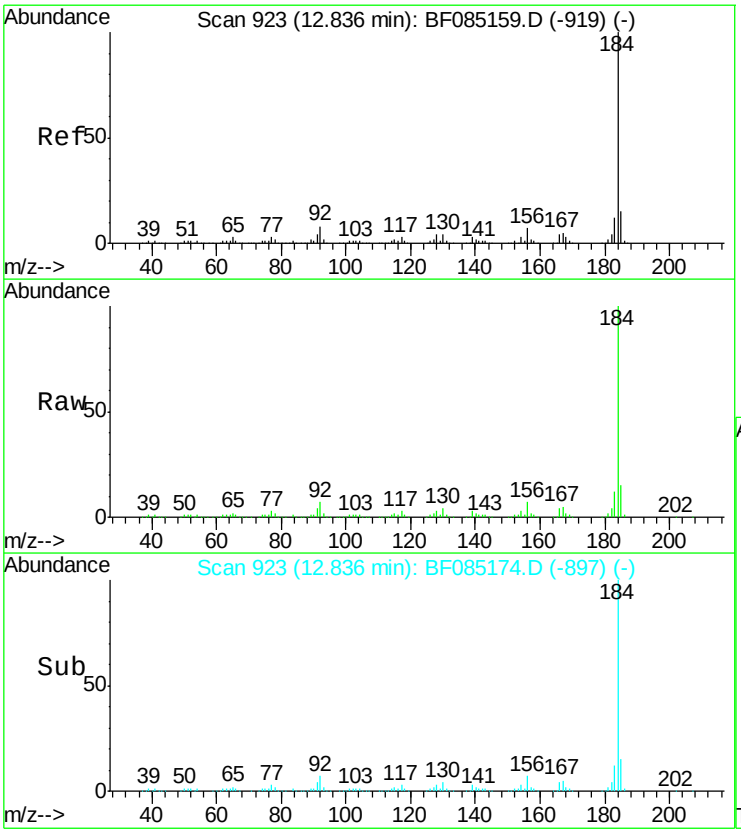
Tgt Ion:240 Resp: 361806

Ion	Ratio	Lower	Upper
240	100		
120	19.8	5.3	7.9#
236	26.0	20.7	31.1



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

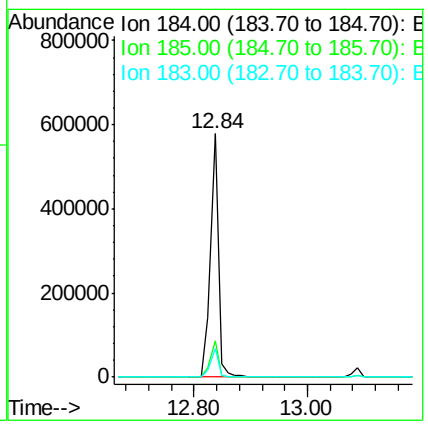
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

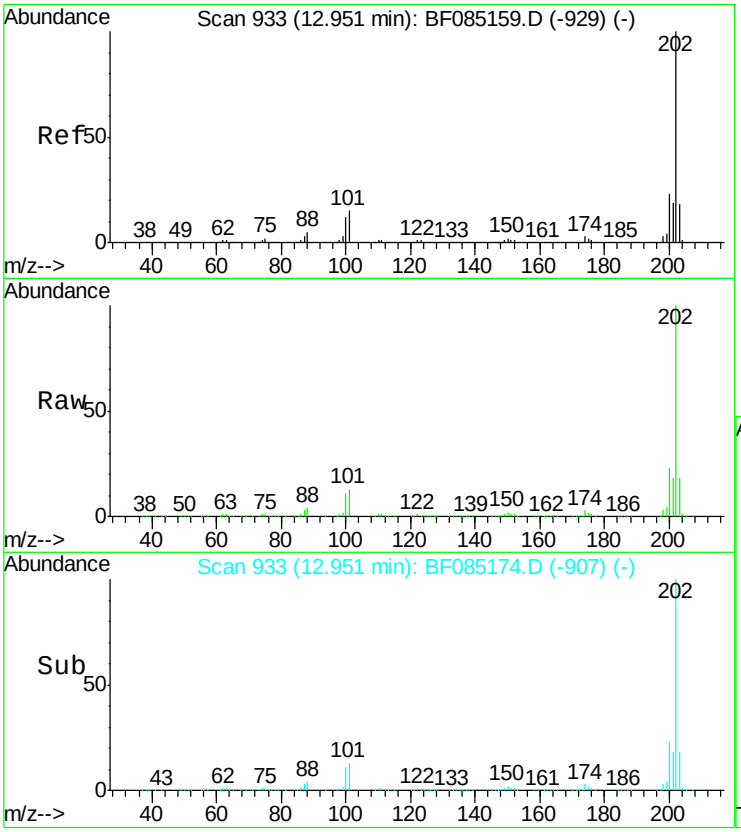


#76
Benzidine
Concen: 49.74 ng
RT: 12.84 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:184 Resp: 535622

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.4	18.6
183	11.7	9.4	14.2

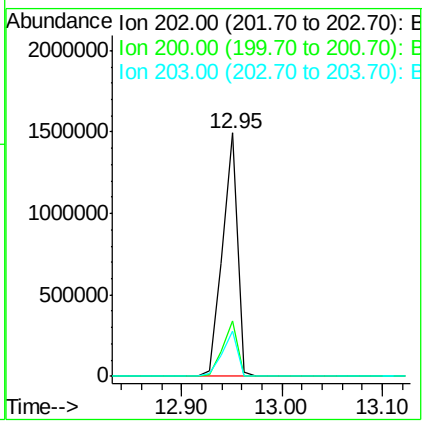




#77
Pyrene
Concen: 56.95 ng
RT: 12.95 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

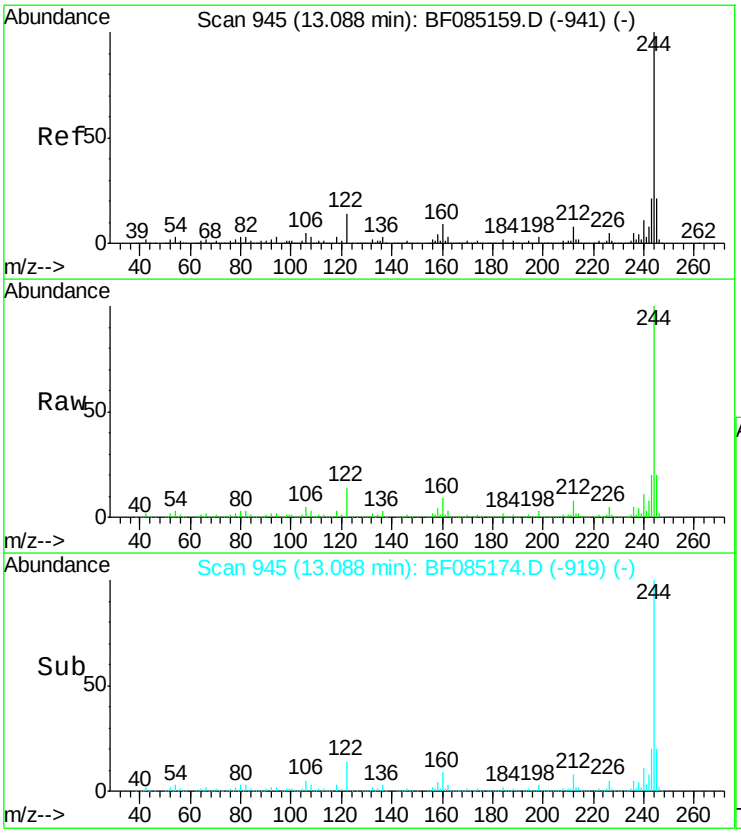
Tgt Ion:202 Resp: 1550922

Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.4
203	18.4	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

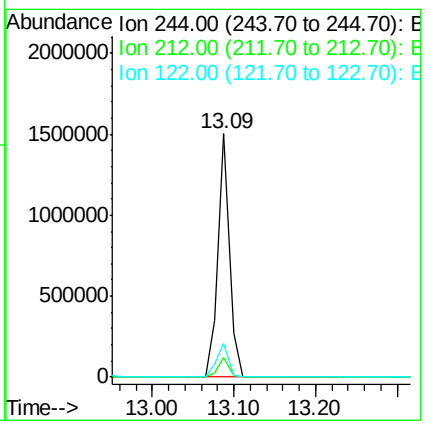
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

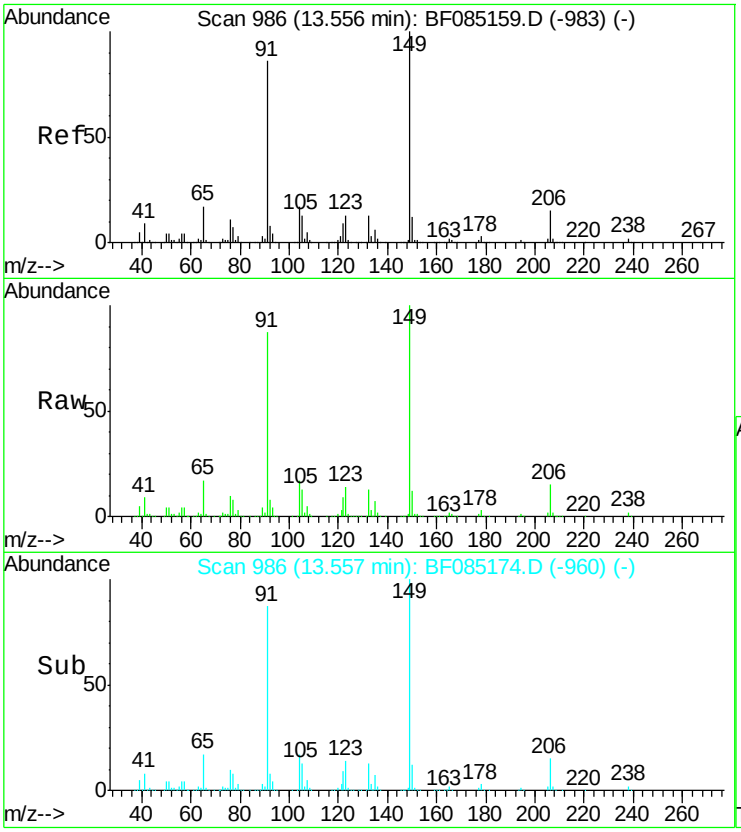


#78
Terphenyl-d14
Concen: 94.32 ng
RT: 13.09 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:244 Resp: 1470077

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	13.6	11.4	17.2

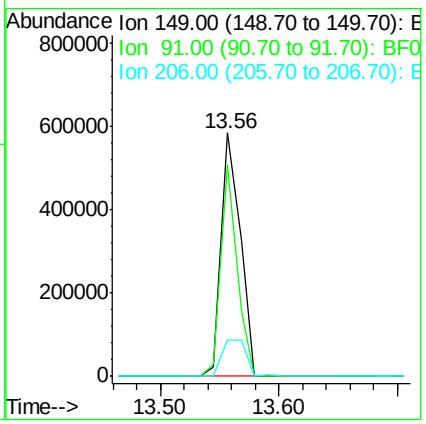




#79
Butylbenzylphthalate
Concen: 52.24 ng
RT: 13.56 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

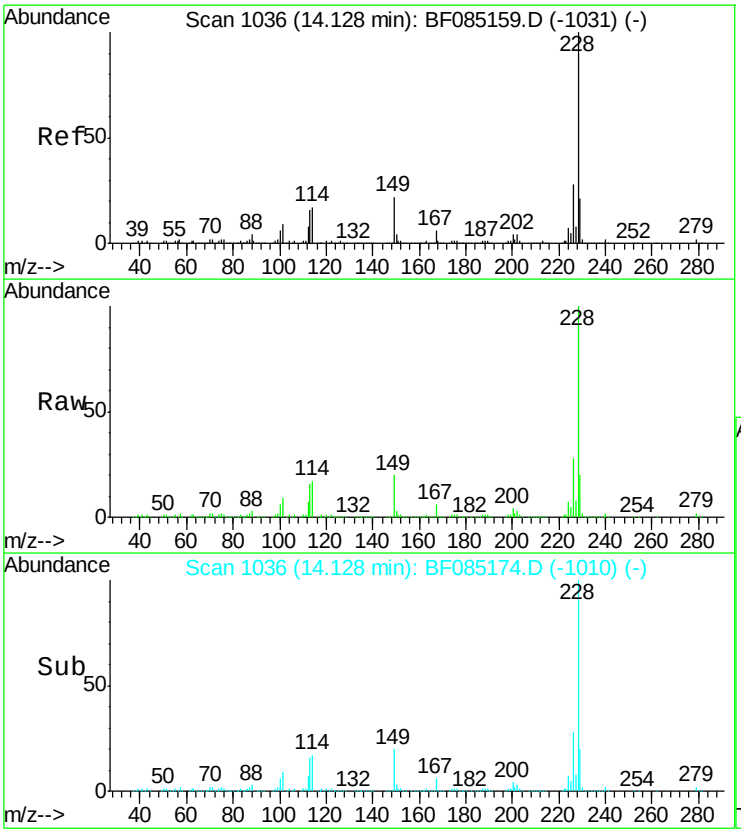
Tgt Ion:149 Resp: 645544

Ion	Ratio	Lower	Upper
149	100		
91	86.8	69.0	103.4
206	15.0	12.3	18.5



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

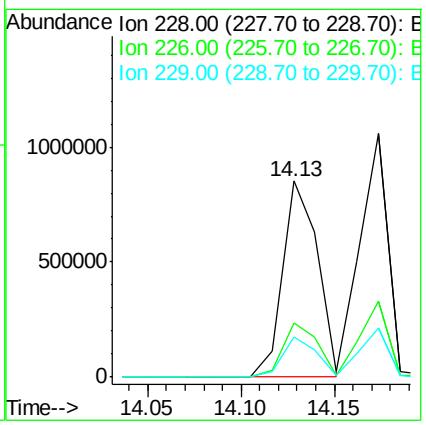
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

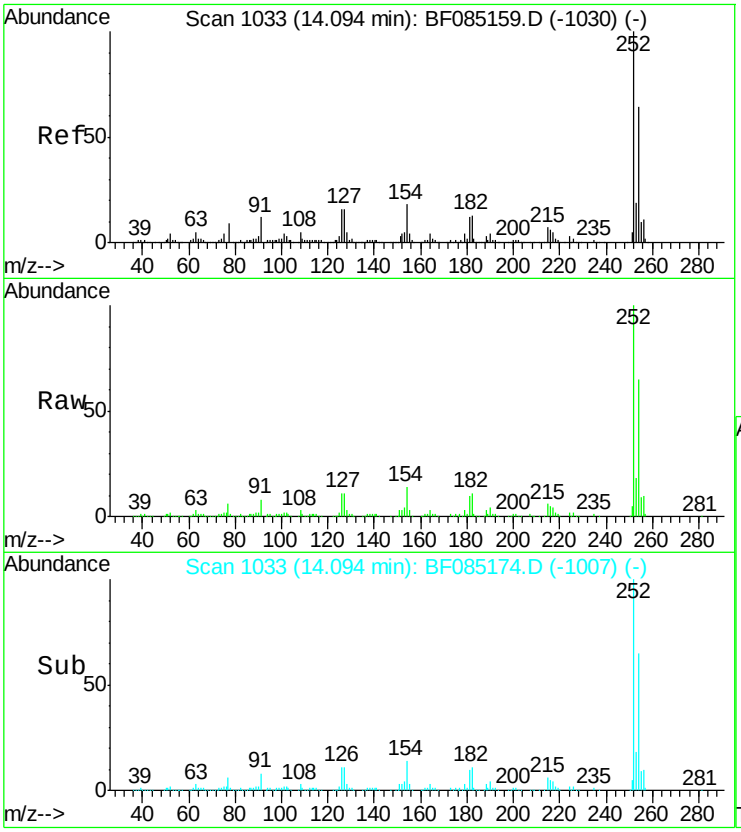


#80
Benzo(a)anthracene
Concen: 51.26 ng
RT: 14.13 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:228 Resp: 1110318

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.8	34.2
229	20.2	16.6	24.8

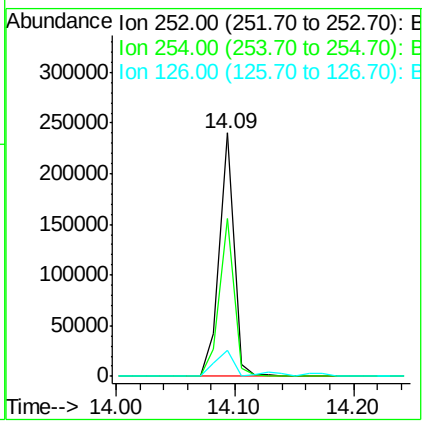




#81
3,3'-Dichlorobenzidine
Concen: 30.00 ng
RT: 14.09 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

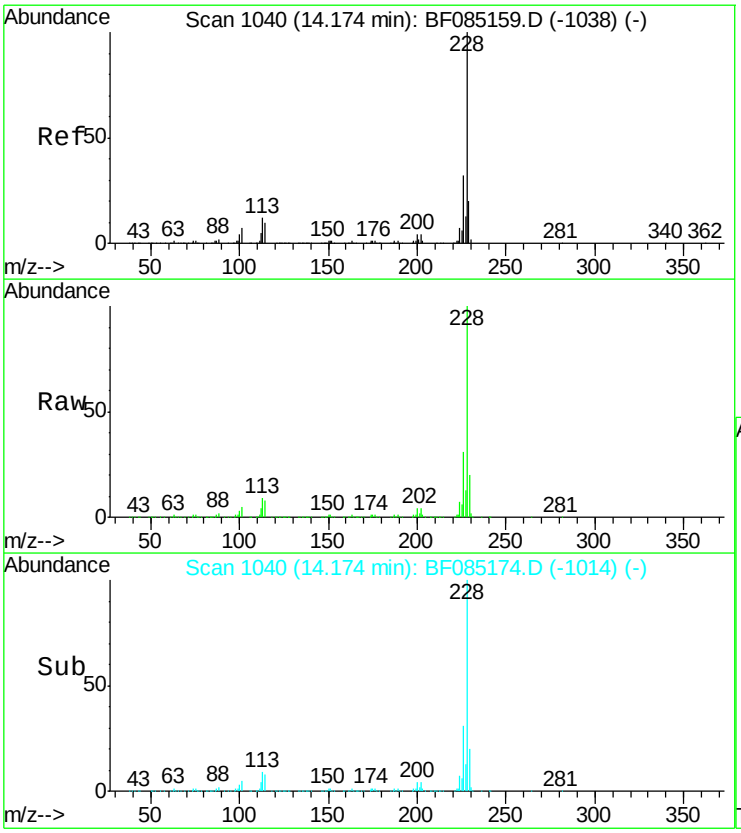
Tgt Ion:252 Resp: 204964

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.0
126	10.8	12.9	19.3#



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

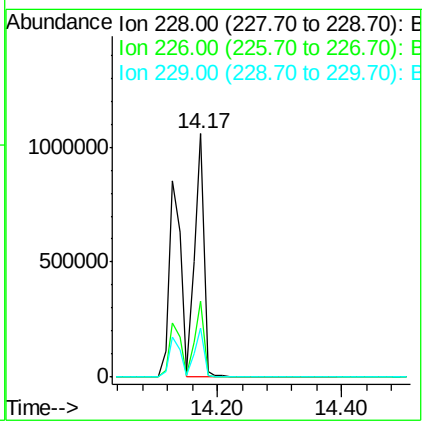
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

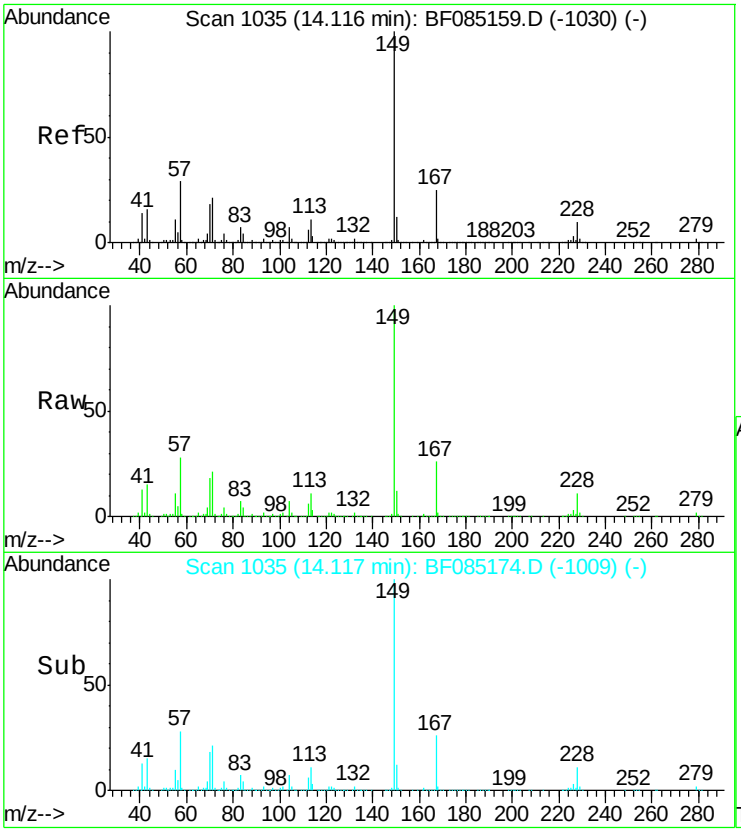


#82
Chrysene
Concen: 55.50 ng
RT: 14.17 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:228 Resp: 1110491

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.2	37.8
229	19.9	16.0	24.0

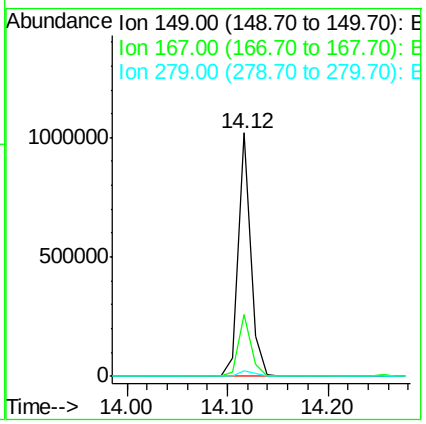




#83
Bis(2-ethylhexyl)phthalate
Concen: 54.07 ng
RT: 14.12 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

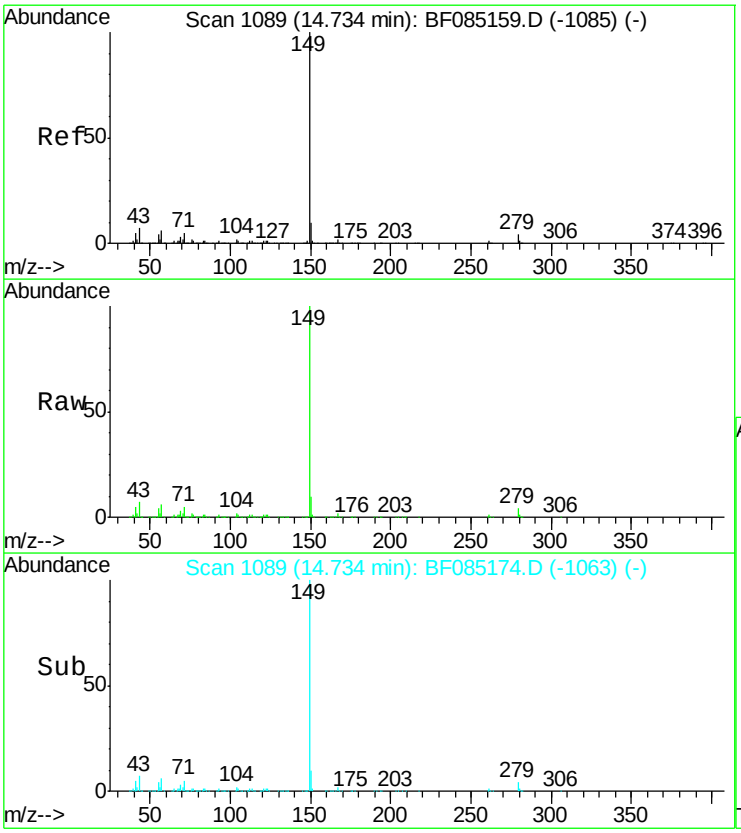
Tgt Ion:149 Resp: 879160

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.3	30.5
279	2.4	1.9	2.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

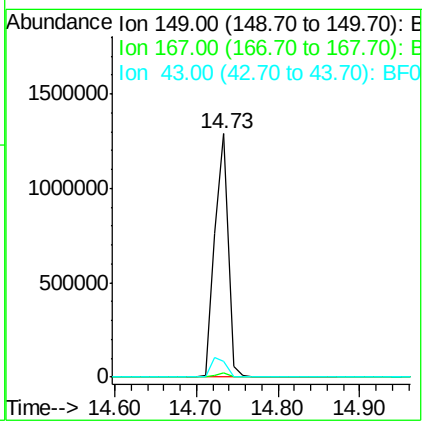
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

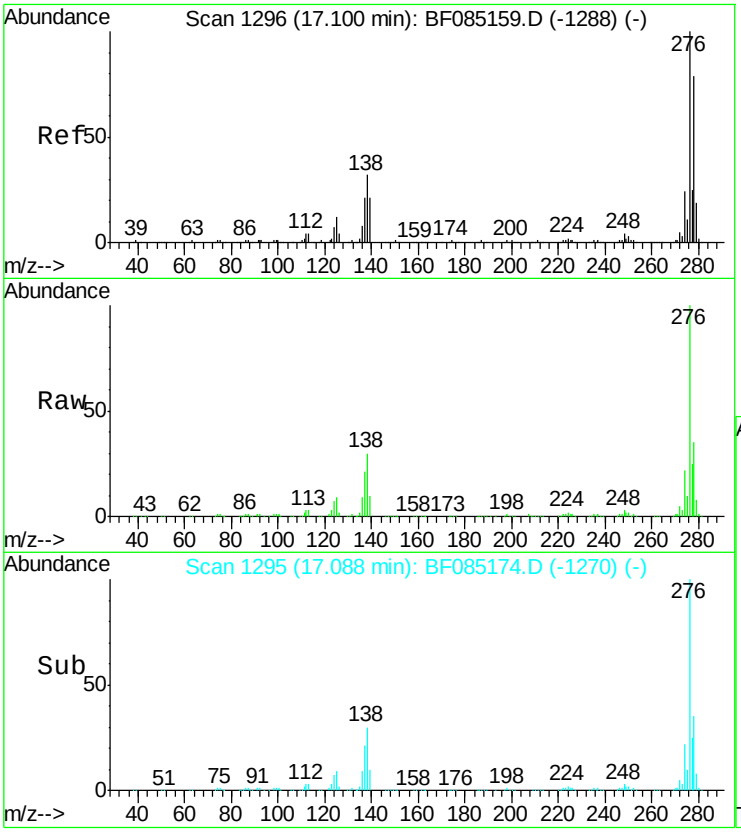


#84
Di-n-octyl phthalate
Concen: 59.13 ng
RT: 14.73 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:149 Resp: 1464203

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

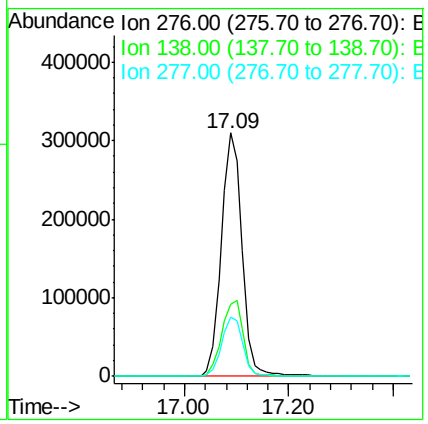




#85
Indeno(1,2,3-cd)pyrene
Concen: 54.79 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

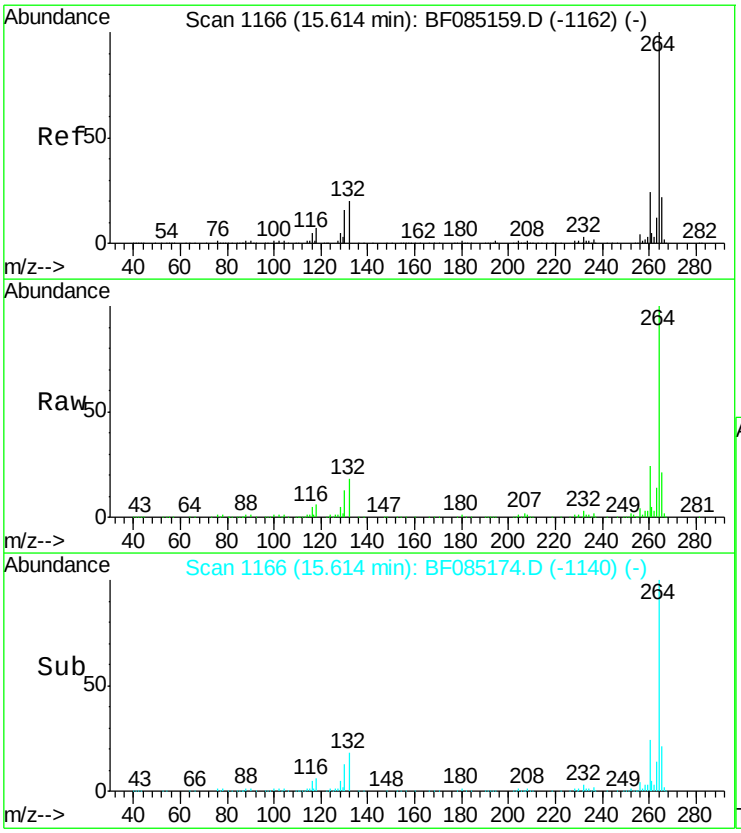
Tgt Ion:276 Resp: 855547

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.4	39.6
277	25.1	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

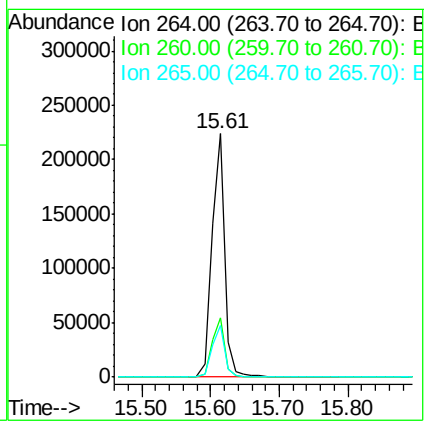
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

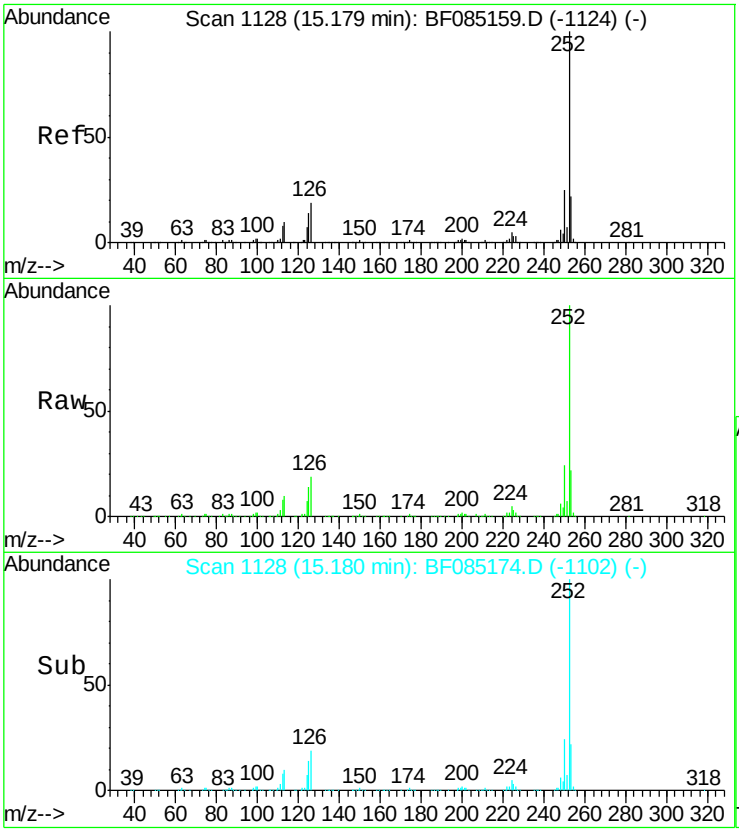


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:264 Resp: 291050

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.0	17.3	25.9

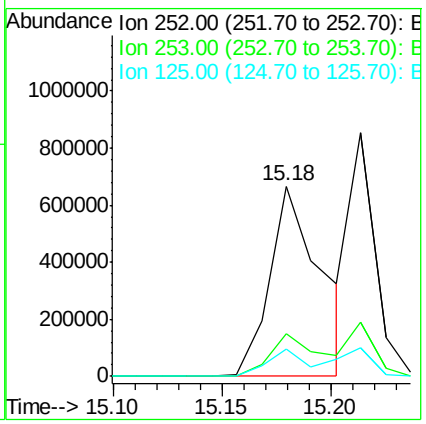




#87
Benzo(b)fluoranthene
Concen: 56.52 ng
RT: 15.18 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

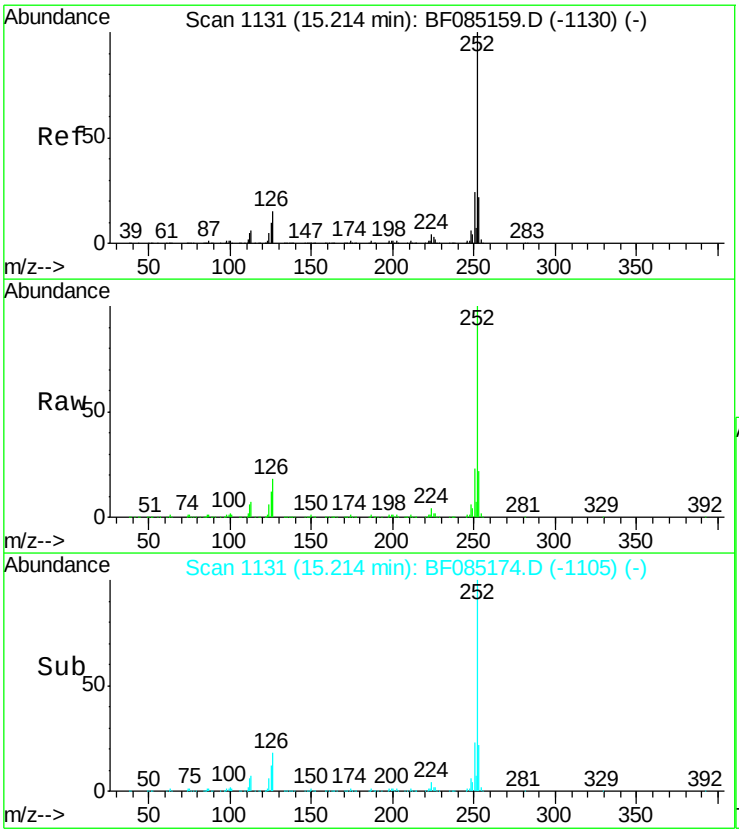
Tgt Ion:252 Resp: 1096467

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	14.1	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

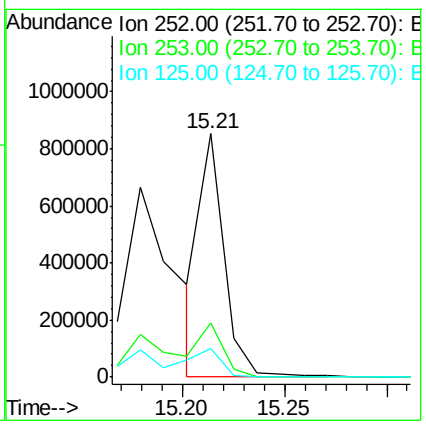
Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

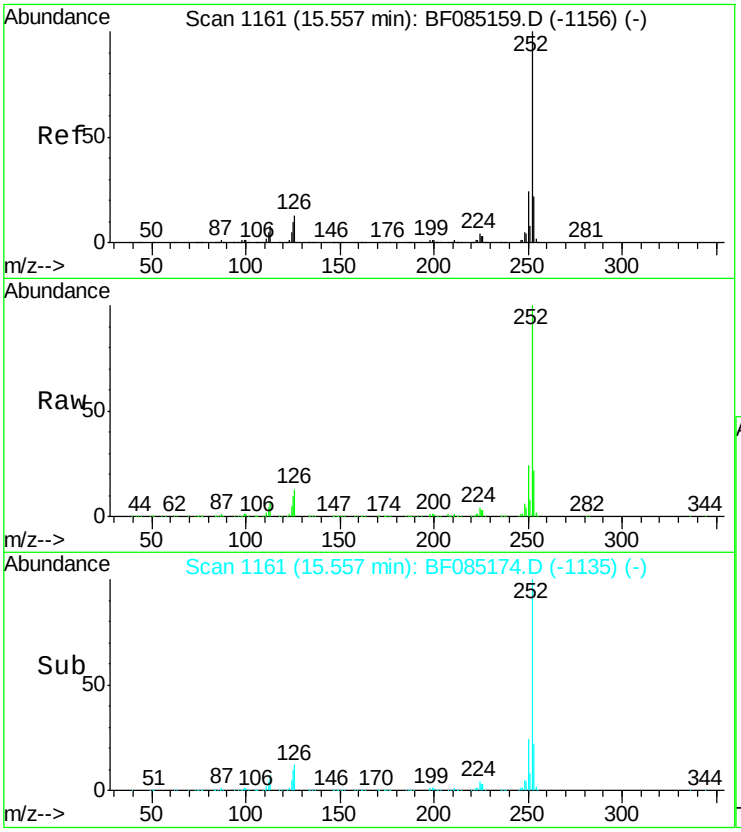


#88
Benzo(k)fluoranthene
Concen: 45.01 ng m
RT: 15.21 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:252 Resp: 704320

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.9	10.4	15.6





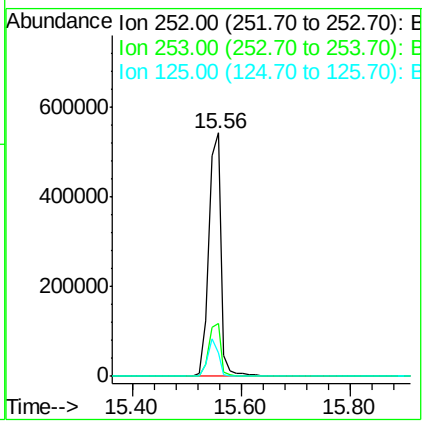
#89
Benzo(a)pyrene
Concen: 53.07 ng
RT: 15.56 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

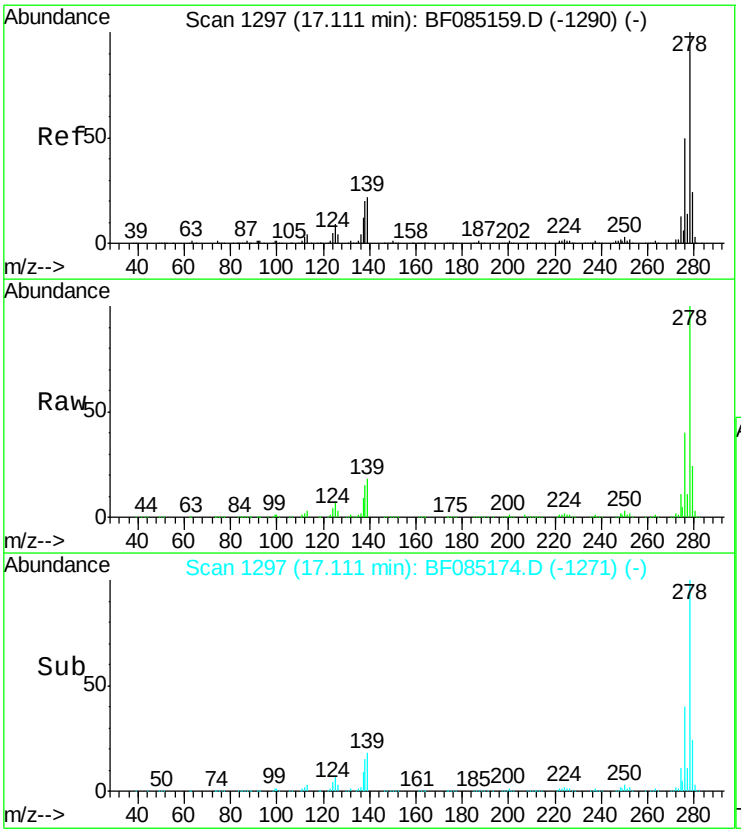
Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM

Tgt Ion:252 Resp: 853146

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.6	8.2	12.4

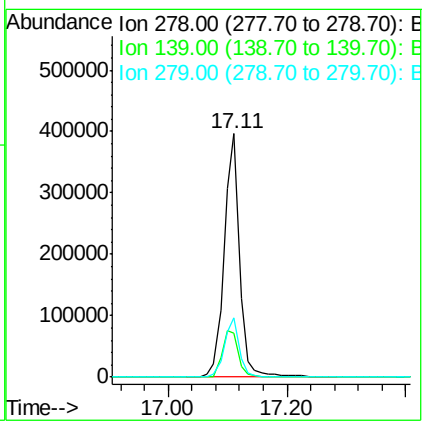


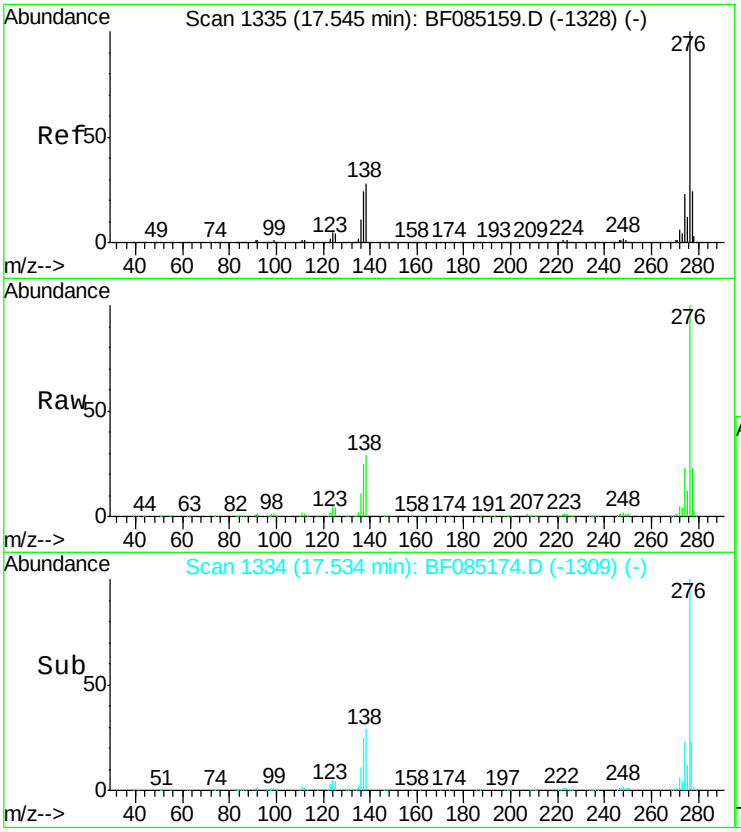


#90
Dibenzo(a,h)anthracene
Concen: 51.91 ng
RT: 17.11 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:278 Resp: 712395

Ion	Ratio	Lower	Upper
278	100		
139	18.1	17.3	25.9
279	24.2	19.2	28.8

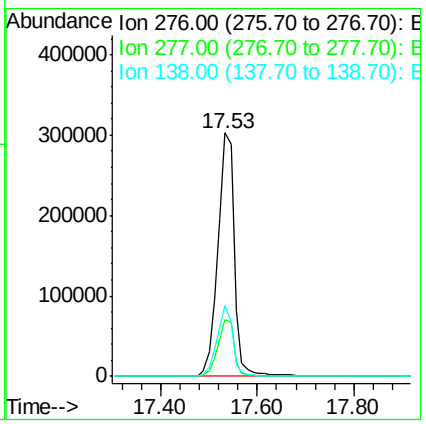




#91
Benzo(g,h,i)perylene
Concen: 52.13 ng
RT: 17.53 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF085174.D
Acq: 3 Mar 2016 23:34

Tgt Ion:276 Resp: 719338

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.0	28.4
138	29.3	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
SB-40(18-20)MSD

Manual Integrations APPROVED
UMANGI
3/4/2016 4:28:47 PM