Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087944.D
Acq On : 12 Jun 2016 12:41
Operator : UM/SJ
Sample : H3425-07MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

Quant Time: Jun 13 02:30:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	120971	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	499151	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	250892	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	451667	20.00	ng		0.00
75) Chrysene-d12	13.97	240	328211	20.00	ng		0.00
86) Perylene-d12	15.37	264	259517	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	433528	61.27	ng		0.00
7) Phenol-d6	6.43	99	362408	42.26	ng		-0.01
23) Nitrobenzene-d5	7.37	82	743164	86.94	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	262659	99.15	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1317446	82.32	ng		0.00
78) Terphenyl-d14	12.91	244	982643	68.13	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	52402	15.24	ng	#	33
3) Pyridine	3.16	79	29082	3.58	ng	#	92
4) n-Nitrosodimethylamine	3.04	42	65279	18.99	ng		83
6) Aniline	6.46	93	148386	12.16	ng	#	73
8) 2-Chlorophenol	6.58	128	294666	35.18	ng		99
9) Benzaldehyde	6.34	77	33202	4.89	ng		95
10) Phenol	6.44	94	141756	14.31	ng		87
11) bis(2-Chloroethyl)ether	6.54	93	317339	42.20	ng		94
12) 1,3-Dichlorobenzene	6.74	146	357253	39.75	ng		96
13) 1,4-Dichlorobenzene	6.82	146	371244	41.01	ng		97
14) 1,2-Dichlorobenzene	6.97	146	304399m	36.97	ng		
15) Benzyl Alcohol	6.95	79	195164	29.09	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	453652	44.65	ng		93
17) 2-Methylphenol	7.07	107	228980	33.71	ng		97
18) Hexachloroethane	7.31	117	123424	38.42	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	280764	51.18	ng	#	83
20) 3+4-Methylphenols	7.22	107	215467	27.19	ng	#	72
22) Acetophenone	7.22	105	507092	45.46	ng	#	94
24) Nitrobenzene	7.39	77	416587	50.31	ng		93
25) Isophorone	7.63	82	720488	45.50	ng		100
26) 2-Nitrophenol	7.71	139	218199	49.19	ng	#	71
27) 2,4-Dimethylphenol	7.75	122	334175	40.92	ng		94
28) bis(2-Chloroethoxy)methane	7.85	93	485358	49.42	ng		98
29) 2,4-Dichlorophenol	7.95	162	320380	46.99	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	301893	40.66	ng		99
31) Naphthalene	8.11	128	1016032	41.13	ng		100
32) Benzoic acid	7.84	122	74165	16.49	ng		94
33) 4-Chloroaniline	8.16	127	219394	19.89	ng		99
34) Hexachlorobutadiene	8.24	225	155103	39.61	ng		99
35) Caprolactam	8.55	113	16230	7.19	ng	#	83
36) 4-Chloro-3-methylphenol	8.65	107	323823	44.41	ng		88
37) 2-Methylnaphthalene	8.81	142	745627	45.80	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	272525	40.29	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	238691	58.98	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087944.D
Acq On : 12 Jun 2016 12:41
Operator : UM/SJ
Sample : H3425-07MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

Quant Time: Jun 13 02:30:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	229653	45.77	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	208491	39.94	ng		95
45) 1,1'-Biphenyl	9.27	154	854197	45.42	ng		100
46) 2-Chloronaphthalene	9.29	162	699140	43.06	ng		99
47) 2-Nitroaniline	9.39	65	222632	46.48	ng	#	85
48) Acenaphthylene	9.71	152	1114659	43.16	ng		99
49) Dimethylphthalate	9.59	163	870647	47.91	ng		99
50) 2,6-Dinitrotoluene	9.63	165	190276	45.72	ng	#	61
51) Acenaphthene	9.88	154	762699	47.34	ng		99
52) 3-Nitroaniline	9.80	138	159570	33.22	ng		92
53) 2,4-Dinitrophenol	9.91	184	174639	77.25	ng		96
54) Dibenzofuran	10.06	168	1006952	45.39	ng		94
55) 4-Nitrophenol	9.96	139	107201	28.76	ng		89
56) 2,4-Dinitrotoluene	10.04	165	277632	51.90	ng		97
57) Fluorene	10.40	166	746399	50.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	185277	45.17	ng	#	52
59) Diethylphthalate	10.27	149	782688	42.55	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	274632	37.22	ng		96
61) 4-Nitroaniline	10.42	138	201267	44.18	ng		98
62) Azobenzene	10.55	77	782209	43.00	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	115210	41.18	ng		97
65) n-Nitrosodiphenylamine	10.51	169	716137	47.78	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	219070	45.21	ng		95
67) Hexachlorobenzene	10.94	284	215673	42.84	ng		95
68) Atrazine	11.04	200	102348	22.55	ng		97
69) Pentachlorophenol	11.14	266	246390	92.84	ng		98
70) Phenanthrene	11.36	178	1090990	46.03	ng		99
71) Anthracene	11.40	178	1002682	41.94	ng		100
72) Carbazole	11.56	167	1131704	50.59	ng		99
73) Di-n-butylphthalate	11.90	149	1146872	40.50	ng		100
74) Fluoranthene	12.54	202	966816	38.65	ng		98
76) Benzidine	12.66	184	109995	12.10	ng		98
77) Pyrene	12.77	202	1016223	41.72	ng		100
79) Butylbenzylphthalate	13.39	149	550024	51.08	ng		99
80) Benzo(a)anthracene	13.95	228	730485	39.06	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	195815	38.93	ng	#	99
82) Chrysene	13.99	228	752845	42.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	572204	43.65	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1047446	49.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	740266	45.28	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	947249m	52.37	ng		
88) Benzo(k)fluoranthene	15.01	252	489512m	35.88	ng		
89) Benzo(a)pyrene	15.31	252	678596	46.37	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	607626	44.70	ng		98
91) Benzo(g,h,i)perylene	17.15	276	600642	42.96	ng		99

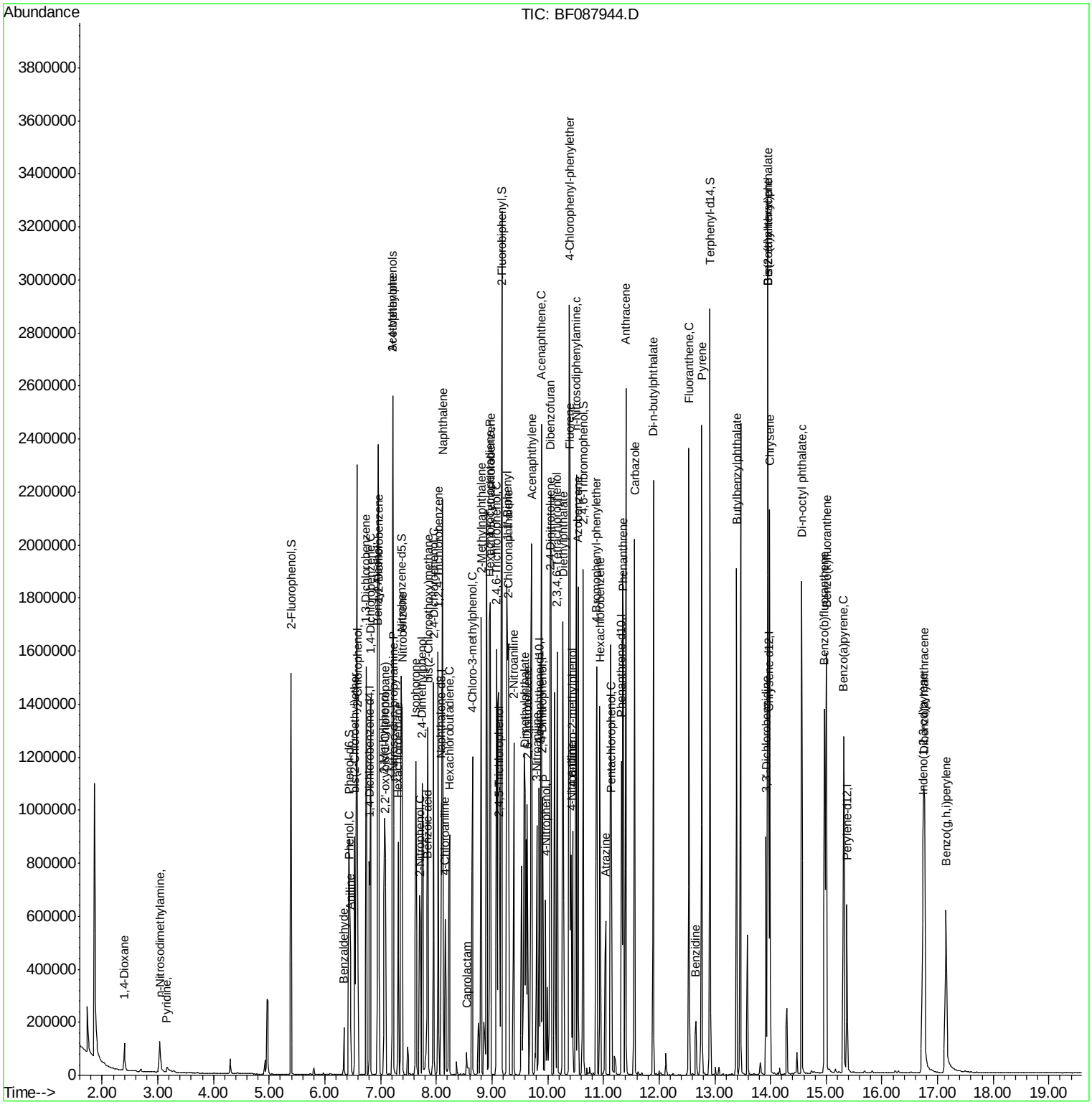
(#) = qualifier out of range (m) = manual integration (+) = signals summed

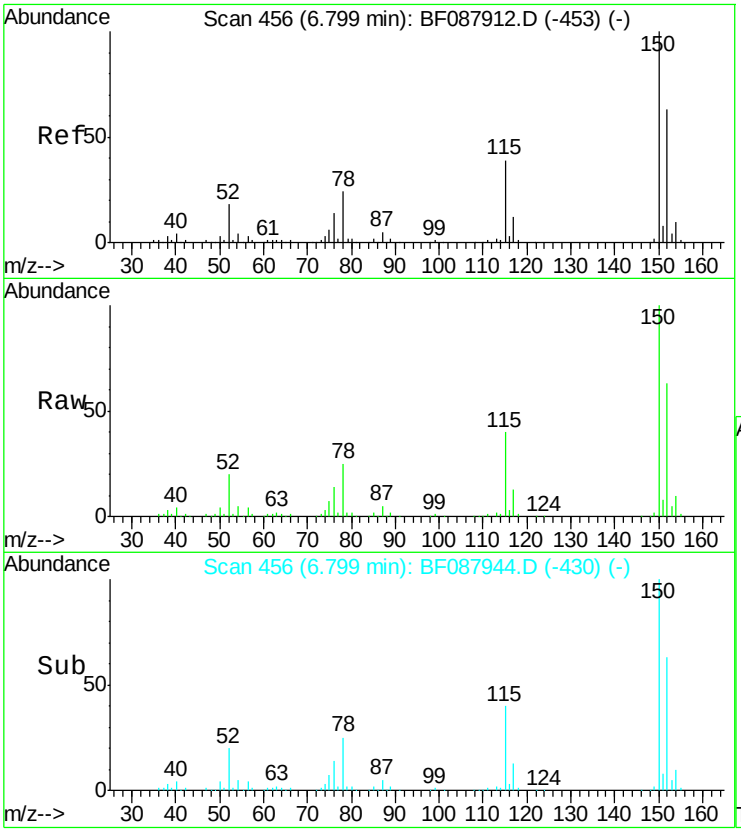
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087944.D
Acq On : 12 Jun 2016 12:41
Operator : UM/SJ
Sample : H3425-07MSD
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Jun 13 02:30:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

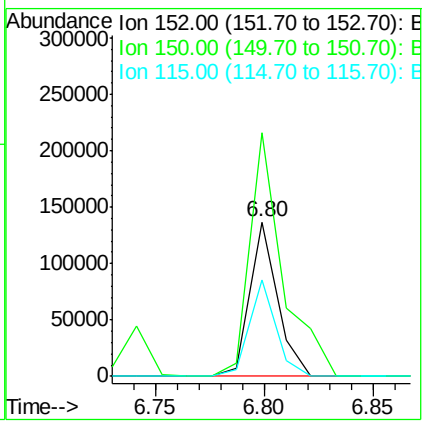




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

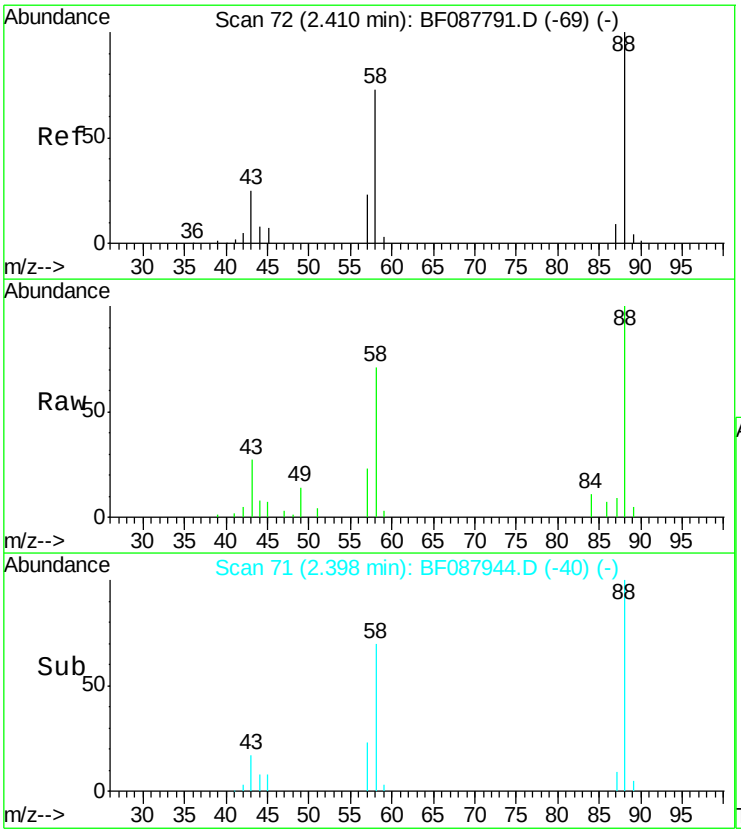
Tgt Ion:152 Resp: 120971

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	62.4	39.6	59.4#



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

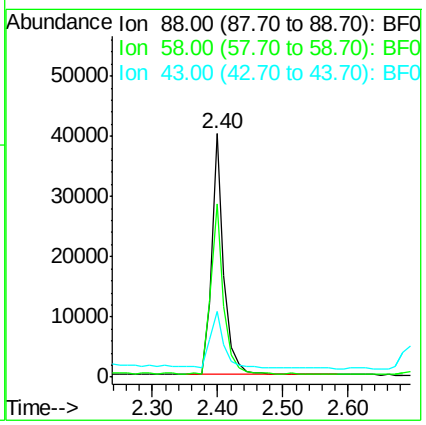
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

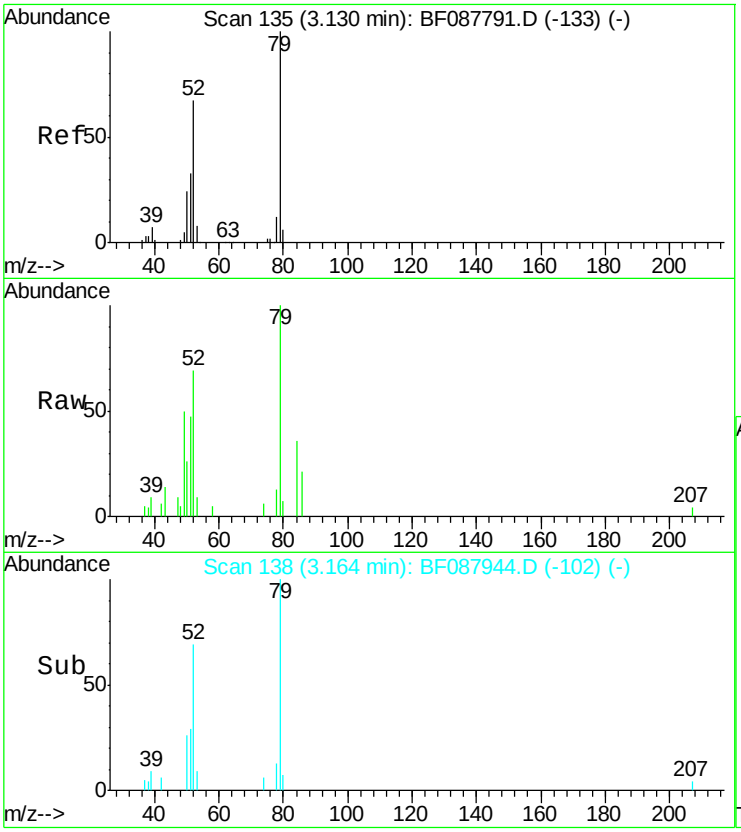


#2
1,4-Dioxane
Concen: 15.24 ng
RT: 2.40 min Scan# 71
Delta R.T. 0.06 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 88 Resp: 52402

Ion	Ratio	Lower	Upper
88	100		
58	75.6	0.0	0.0#
43	26.3	3.4	5.2#





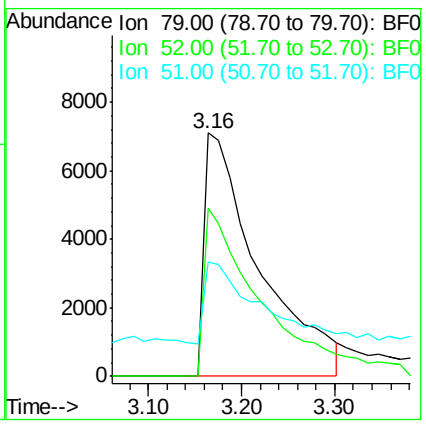
#3
Pyridine
Concen: 3.58 ng
RT: 3.16 min Scan# 138
Delta R.T. 0.11 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

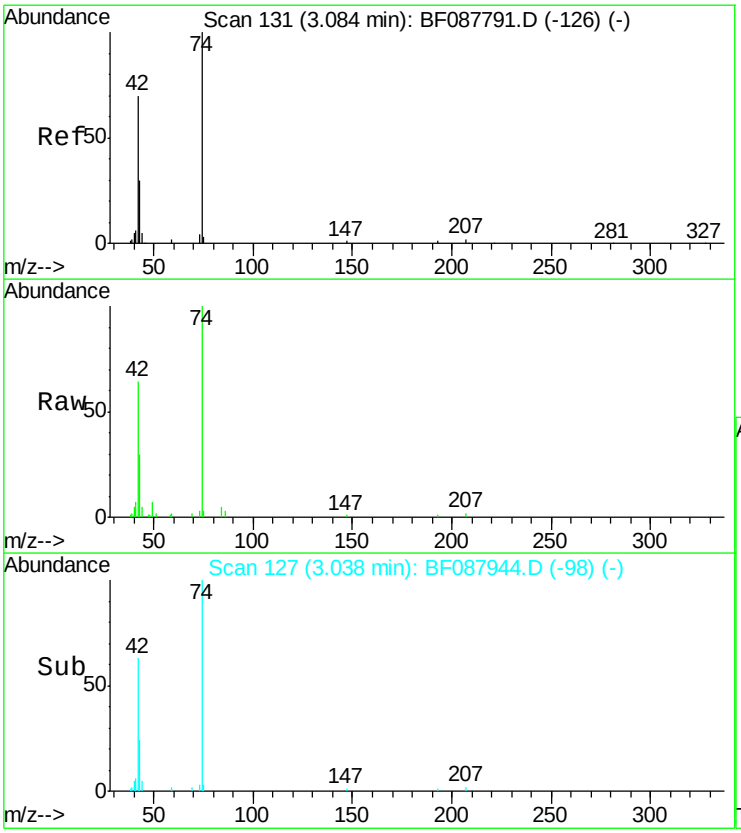
Tgt Ion: 79 Resp: 29082

Ion	Ratio	Lower	Upper
79	100		
52	69.1	56.3	84.5
51	47.1	27.4	41.2#

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

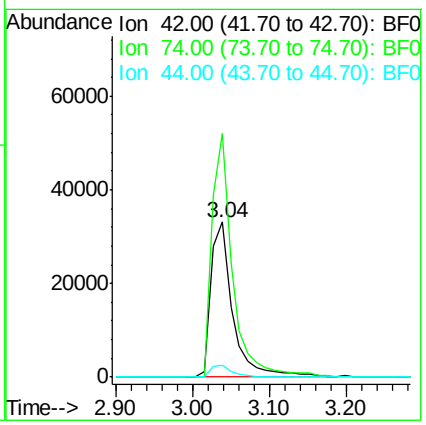


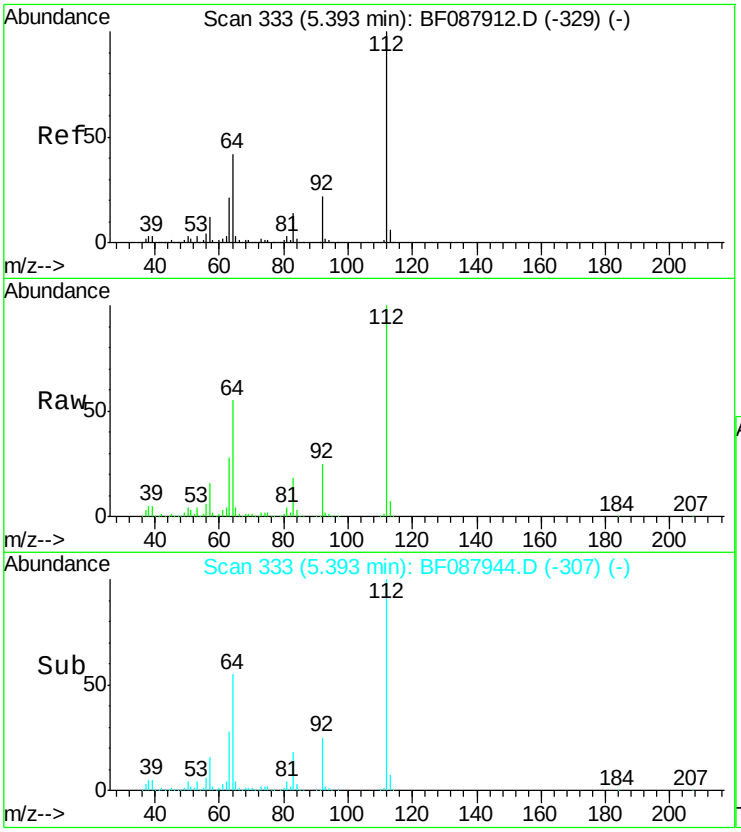


#4
n-Nitrosodimethylamine
Concen: 18.99 ng
RT: 3.04 min Scan# 127
Delta R.T. 0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 42 Resp: 65279

Ion	Ratio	Lower	Upper
42	100		
74	157.3	108.6	163.0
44	7.6	5.5	8.3

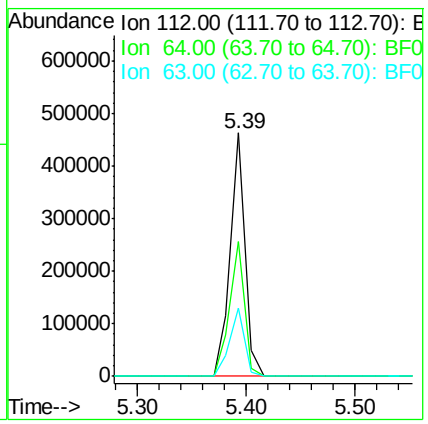




#5
2-Fluorophenol
Concen: 61.27 ng
RT: 5.39 min Scan# 333
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

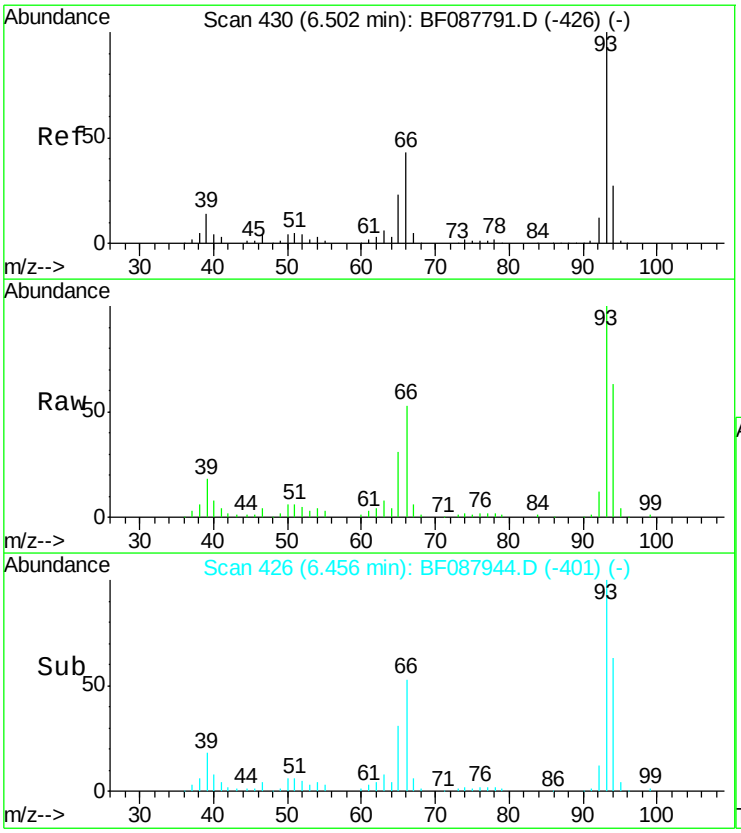
Tgt Ion:112 Resp: 433528

Ion	Ratio	Lower	Upper
112	100		
64	55.1	42.2	63.2
63	28.2	21.8	32.8



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

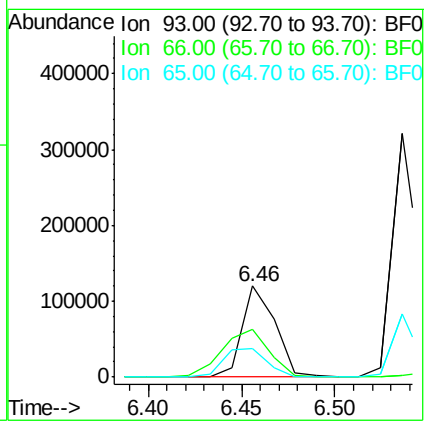
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

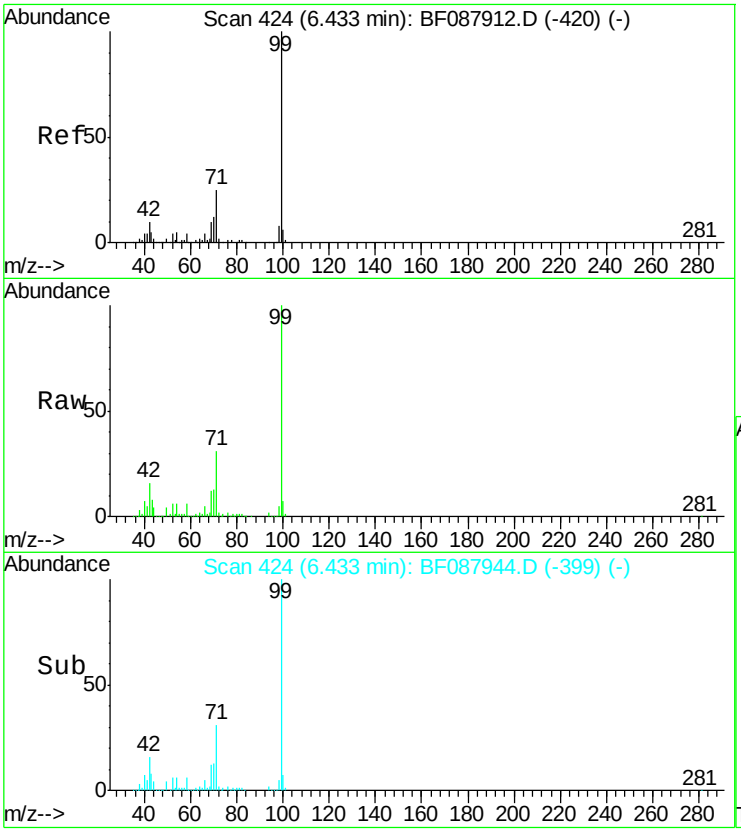


#6
Aniline
Concen: 12.16 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 93 Resp: 148386

Ion	Ratio	Lower	Upper
93	100		
66	53.1	29.8	44.8#
65	31.0	14.9	22.3#

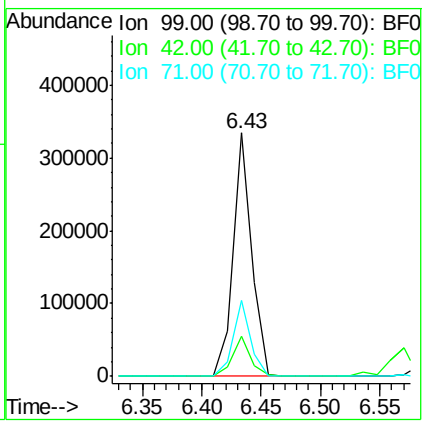




#7
Phenol-d6
Concen: 42.26 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

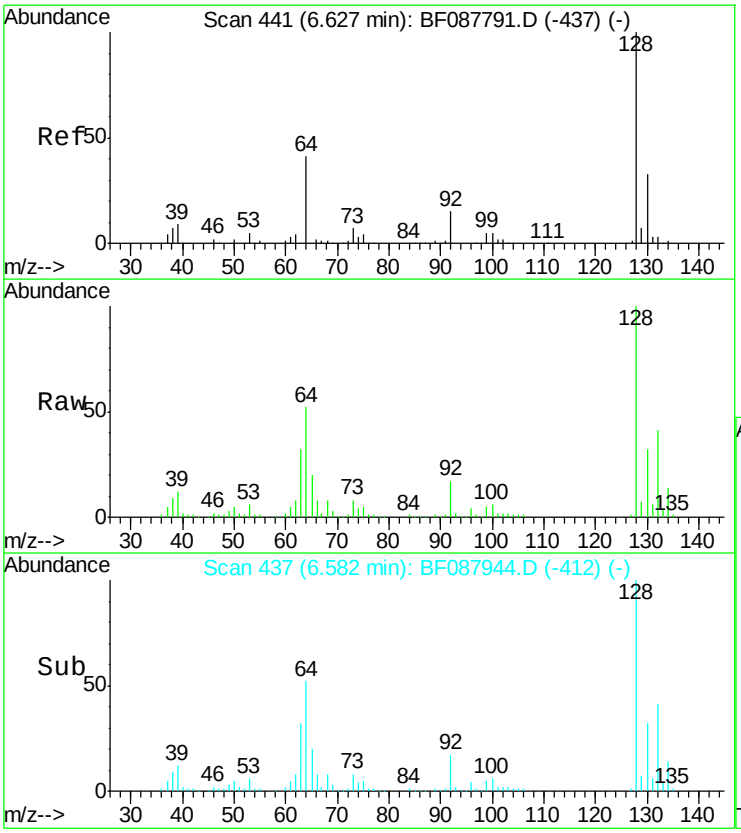
Tgt Ion: 99 Resp: 362408

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.2	18.2
71	31.3	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

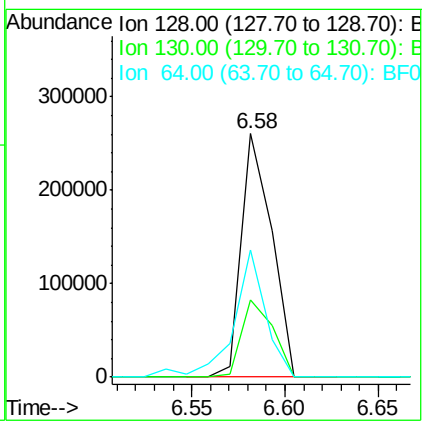
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

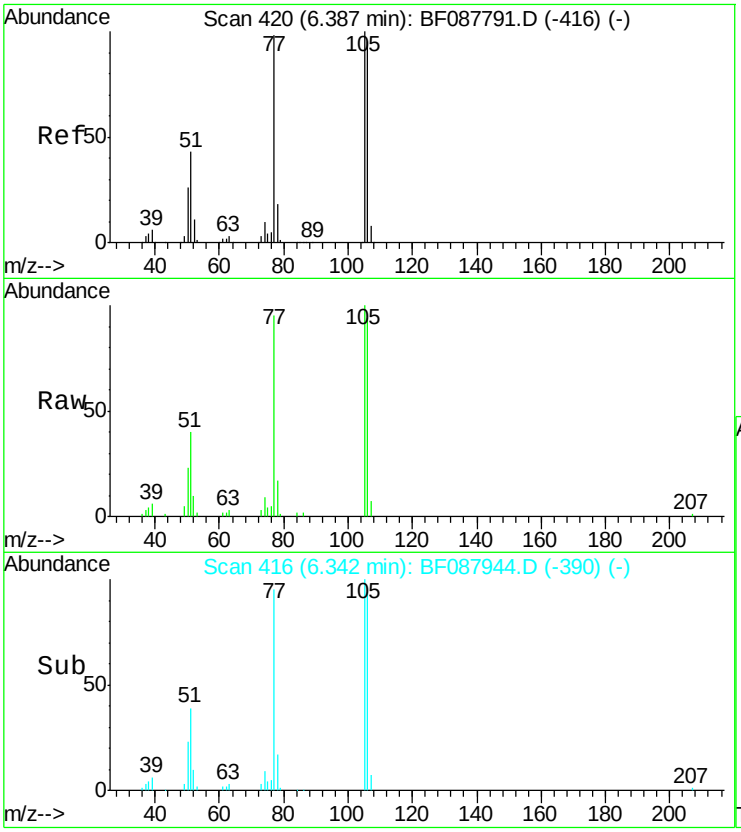


#8
2-Chlorophenol
Concen: 35.18 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:128 Resp: 294666

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.0	52.0
64	52.1	30.8	70.8

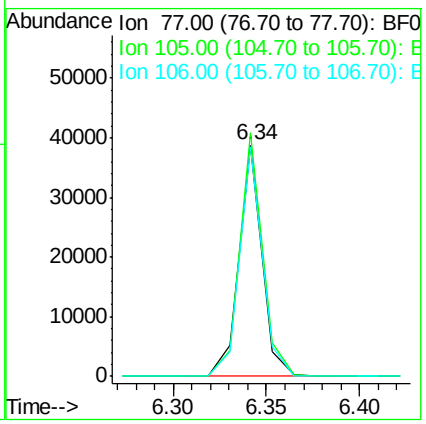




#9
Benzaldehyde
Concen: 4.89 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

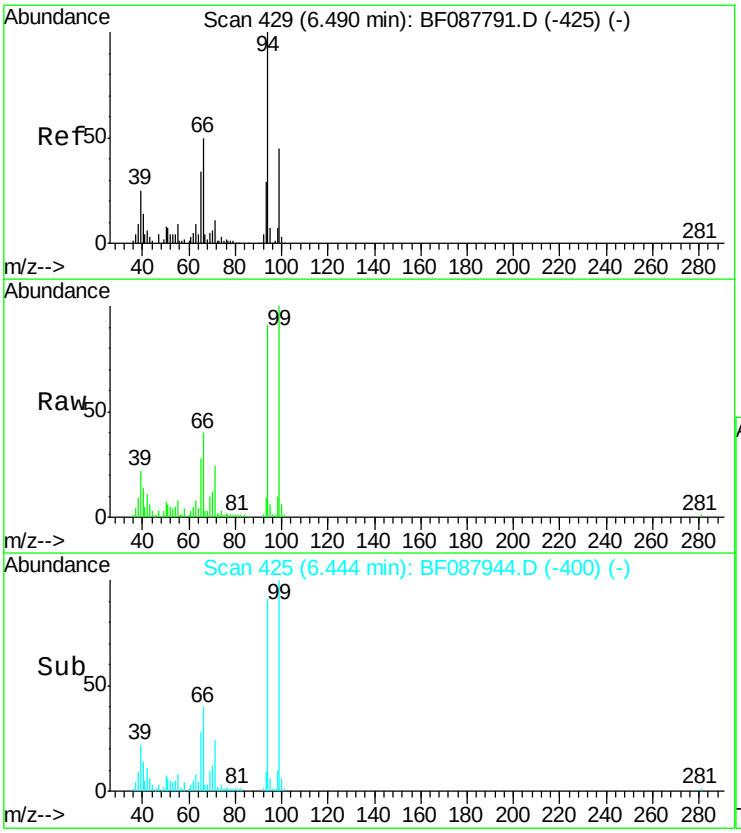
Tgt Ion: 77 Resp: 33202

Ion	Ratio	Lower	Upper
77	100		
105	105.5	90.6	130.6
106	99.6	85.3	125.3



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

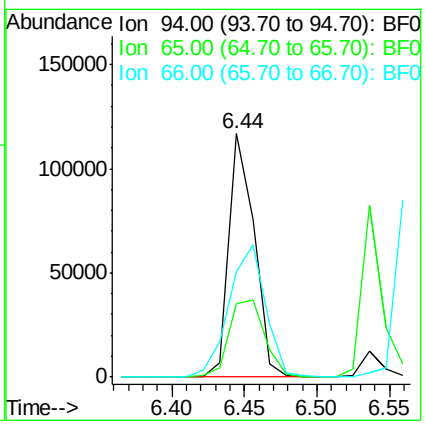
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

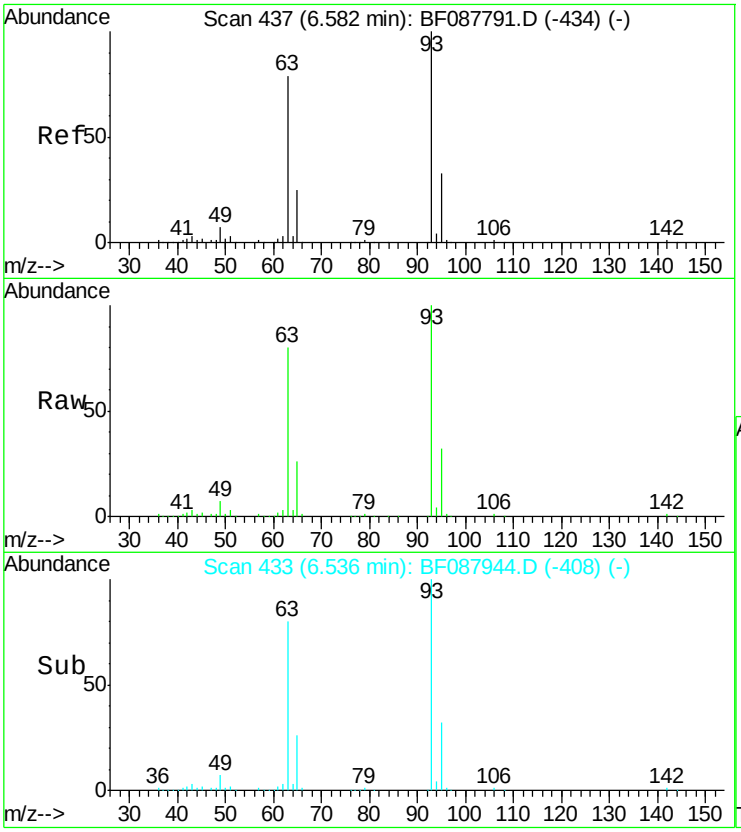


#10
Phenol
Concen: 14.31 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 94 Resp: 141756

Ion	Ratio	Lower	Upper
94	100		
65	30.4	5.9	45.9
66	43.5	14.0	54.0

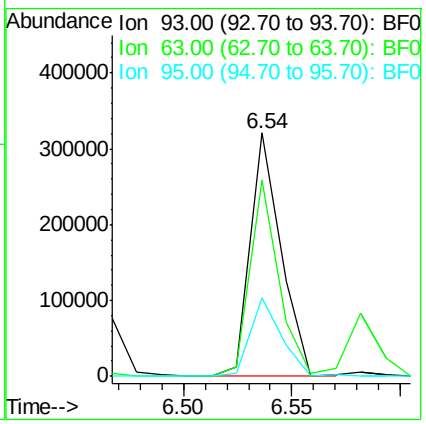




#11
bis(2-Chloroethyl)ether
Concen: 42.20 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

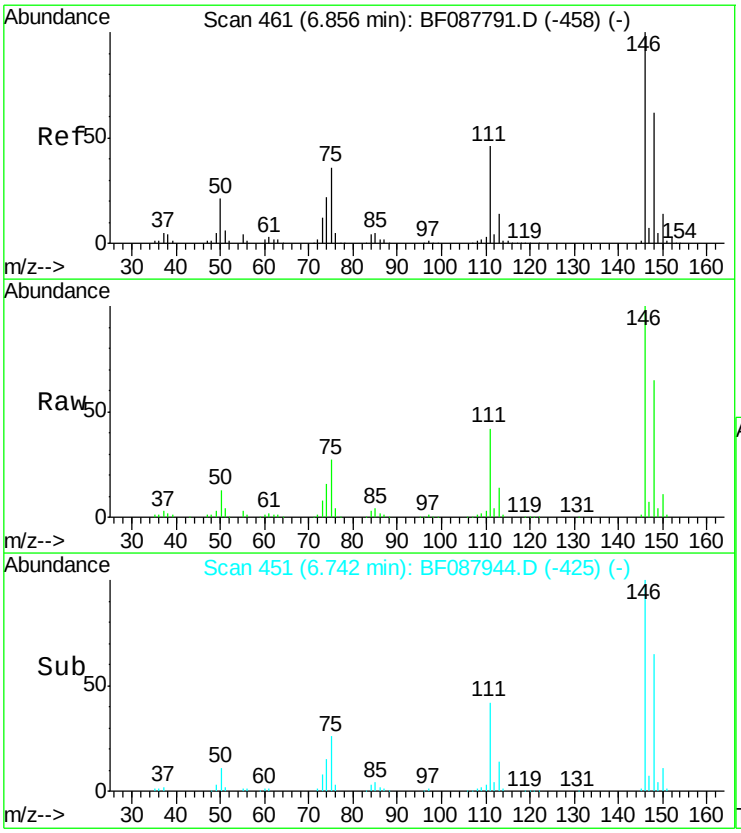
Tgt Ion: 93 Resp: 317339

Ion	Ratio	Lower	Upper
93	100		
63	80.5	67.6	107.6
95	32.3	12.5	52.5



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

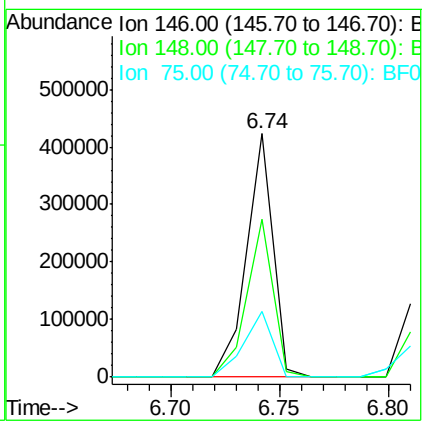
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

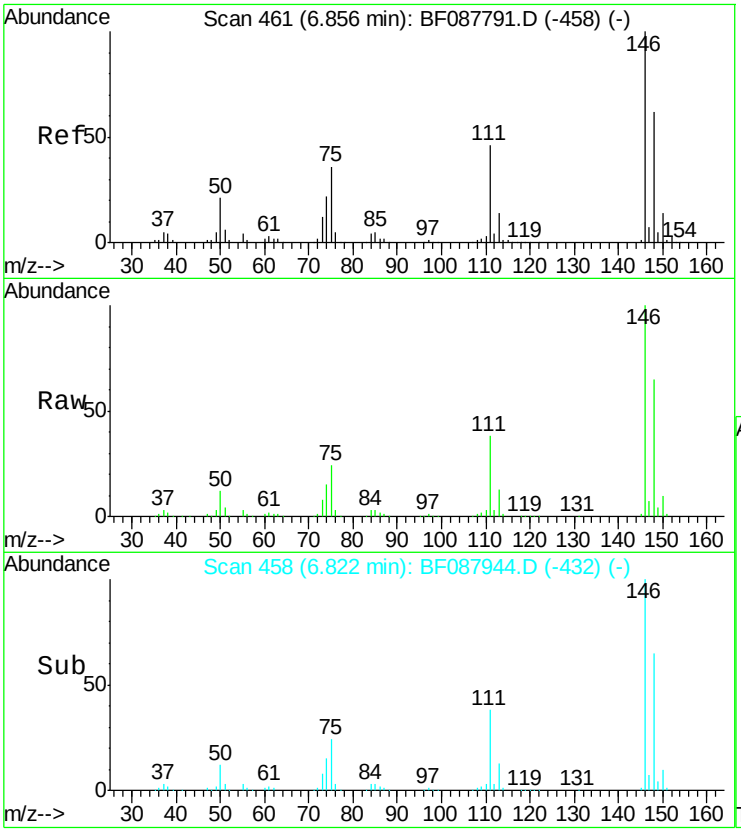


#12
1,3-Dichlorobenzene
Concen: 39.75 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:146 Resp: 357253

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.9	76.3
75	26.8	25.6	38.4

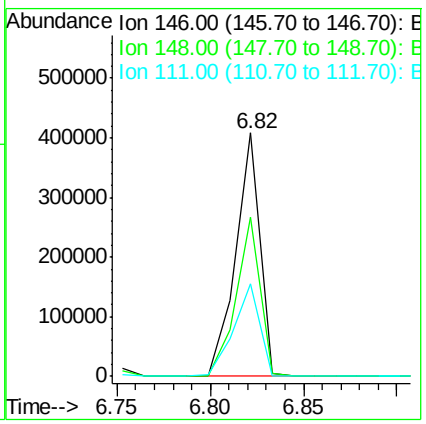




#13
1,4-Dichlorobenzene
Concen: 41.01 ng
RT: 6.82 min Scan# 458
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

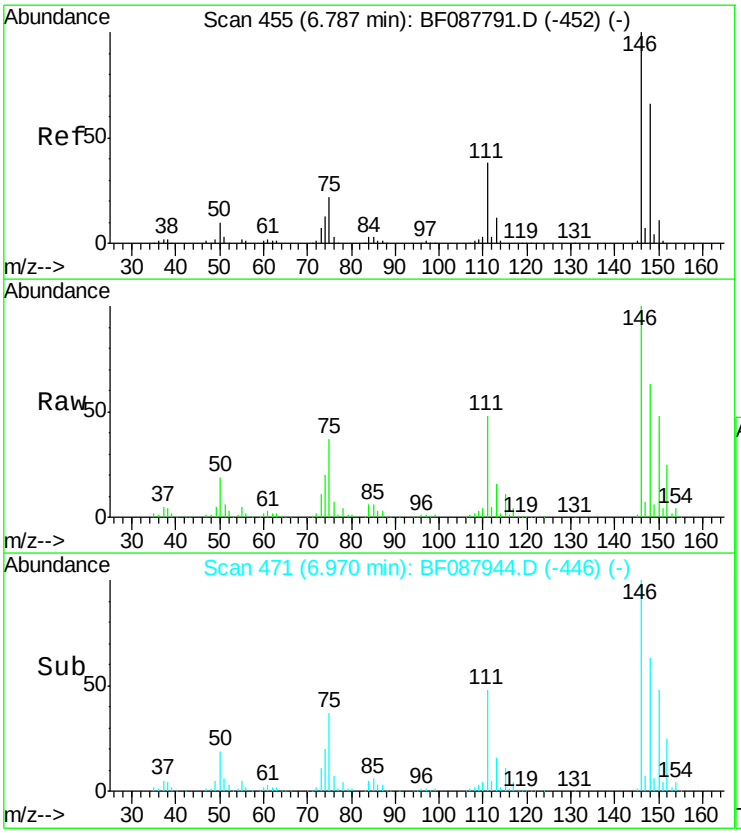
Tgt Ion:146 Resp: 371244

Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.0	78.0
111	38.1	33.8	50.8



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

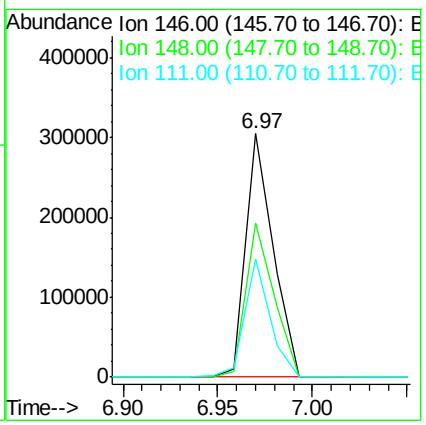
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

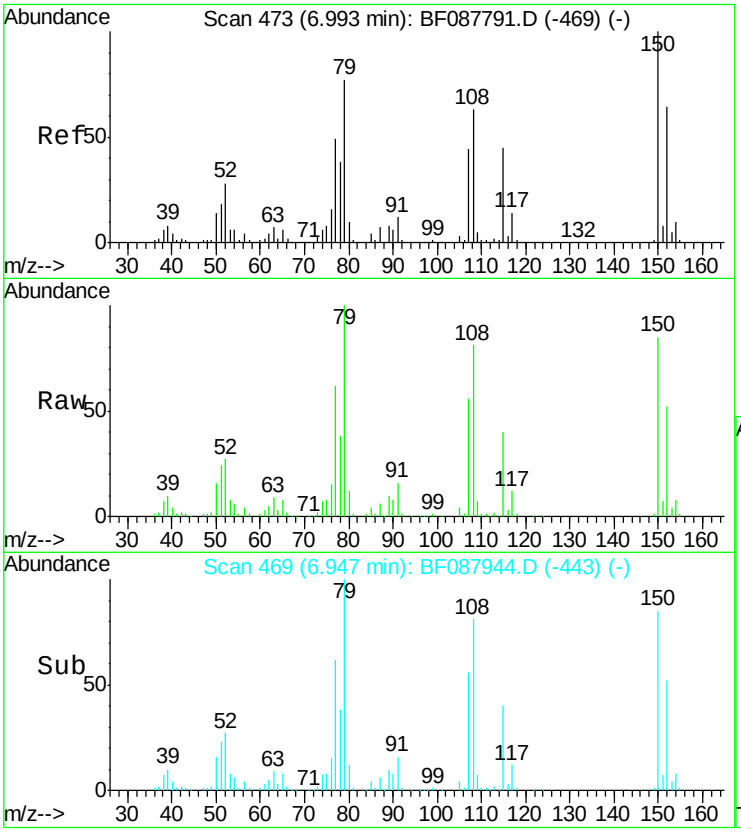


#14
1,2-Dichlorobenzene
Concen: 36.97 ng m
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:146 Resp: 304399

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
111	48.3	28.7	43.1#

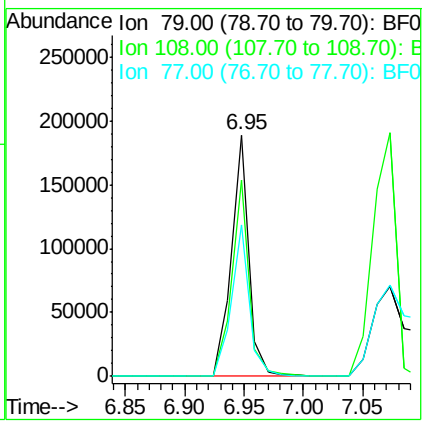




#15
Benzyl Alcohol
Concen: 29.09 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

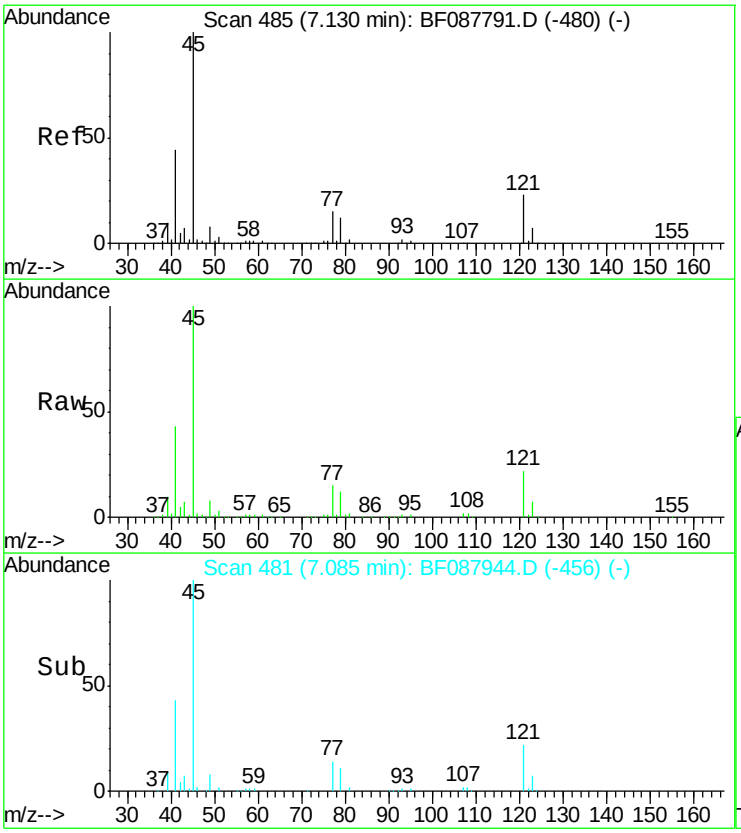
Tgt Ion: 79 Resp: 195164

Ion	Ratio	Lower	Upper
79	100		
108	81.2	65.0	97.6
77	62.5	50.3	75.5



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

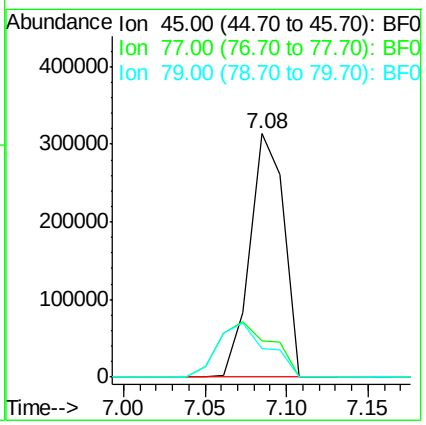
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

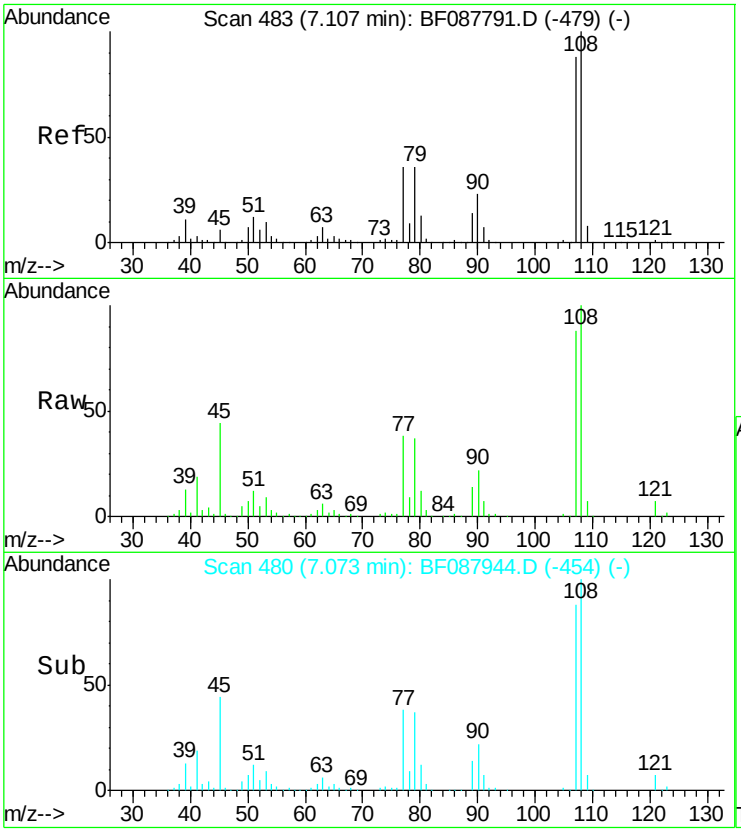


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.65 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 45 Resp: 453652

Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	32.5
79	11.8	0.0	29.5

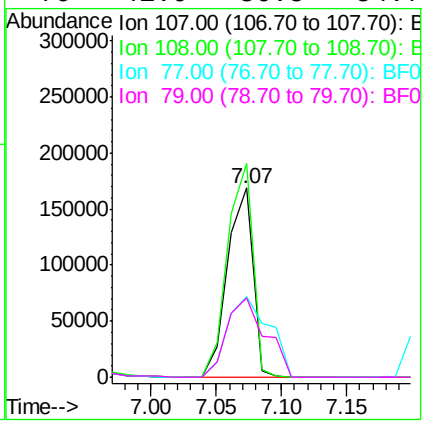




#17
2-Methylphenol
Concen: 33.71 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

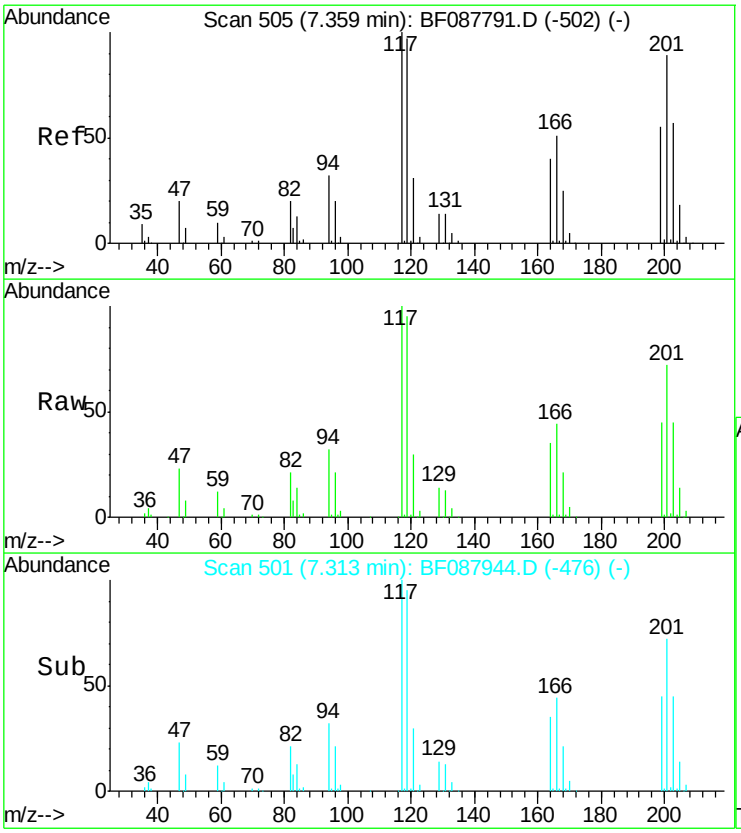
Tgt Ion:107 Resp: 228980

Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.9	136.3
77	42.7	36.6	55.0
79	41.9	36.5	54.7



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

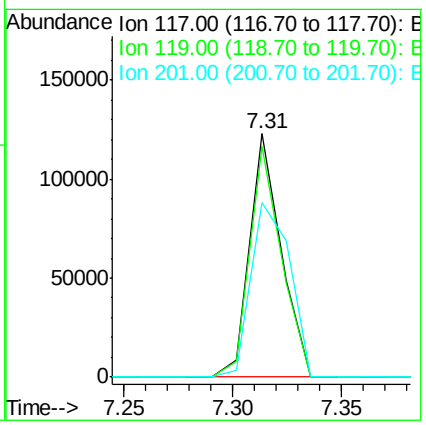
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

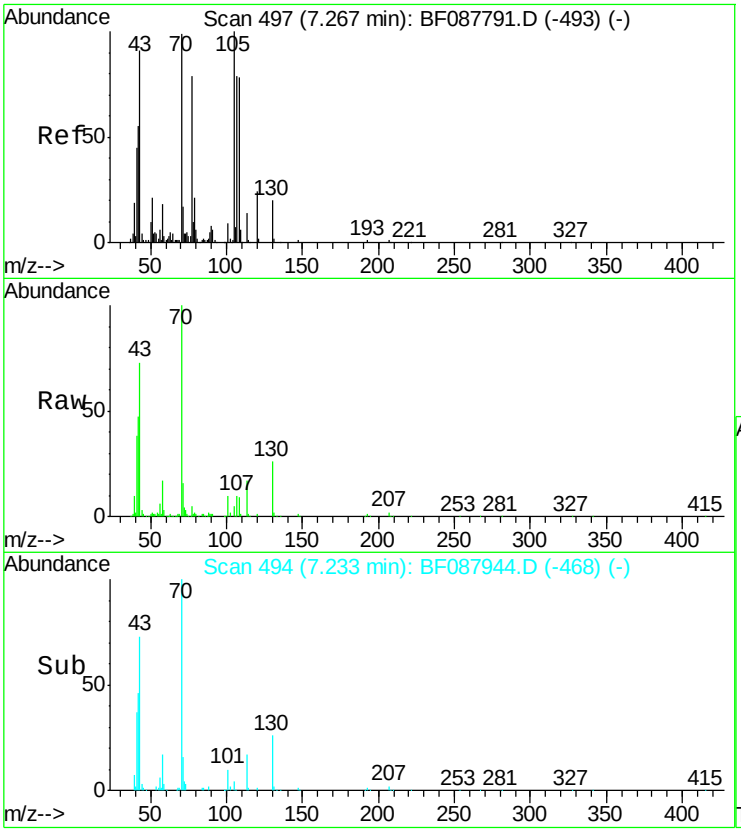


#18
Hexachloroethane
Concen: 38.42 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:117 Resp: 123424

Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.2
201	71.7	80.4	120.6#





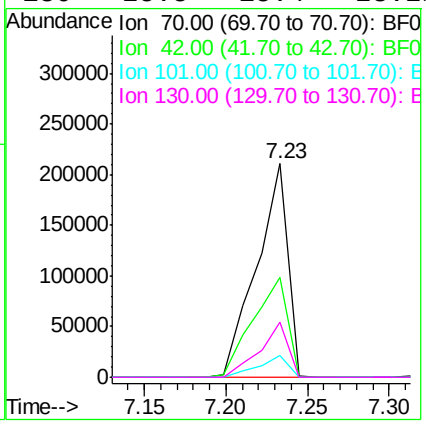
#19
n-Nitroso-di-n-propylamine
Concen: 51.18 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

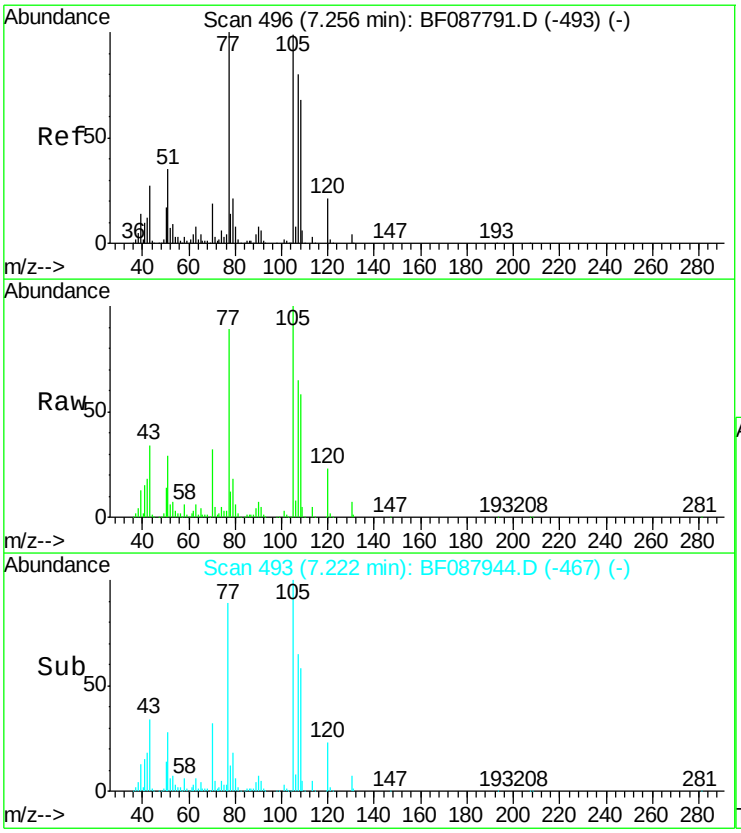
Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

Tgt Ion: 70 Resp: 280764

Ion	Ratio	Lower	Upper
70	100		
42	46.5	49.6	74.4#
101	10.3	7.1	10.7
130	25.5	15.4	23.2#

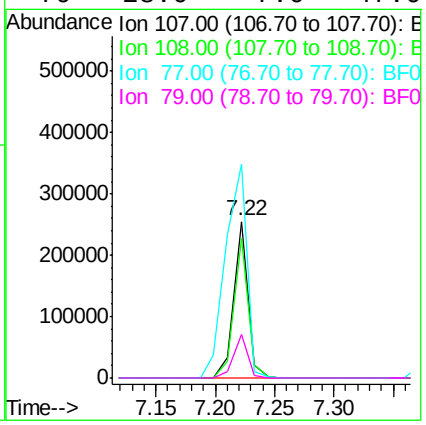


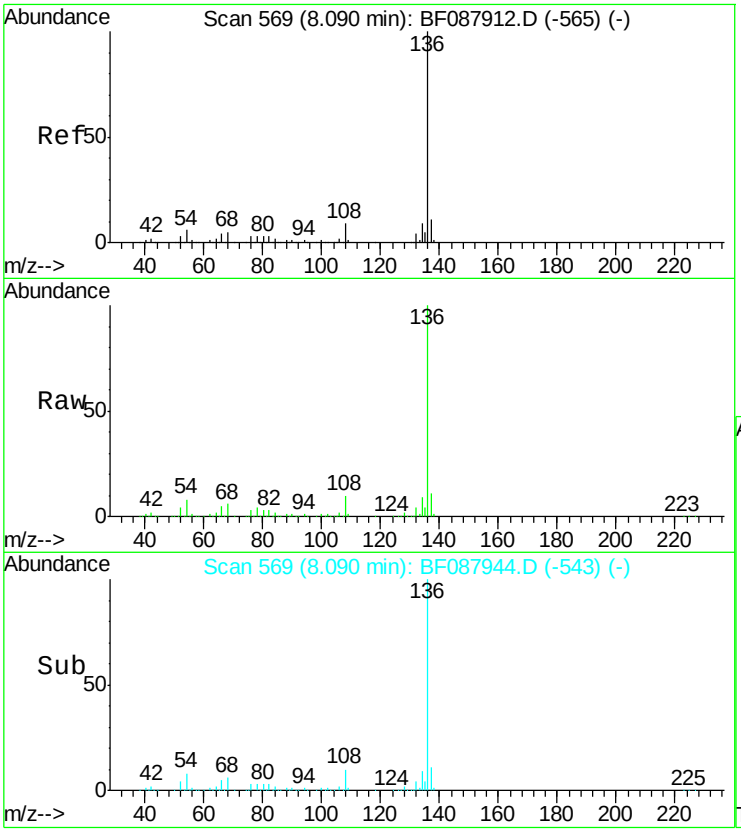


#20
3+4-Methylphenols
Concen: 27.19 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:107 Resp: 215467

Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.8	107.8
77	136.4	59.3	99.3#
79	28.0	7.0	47.0

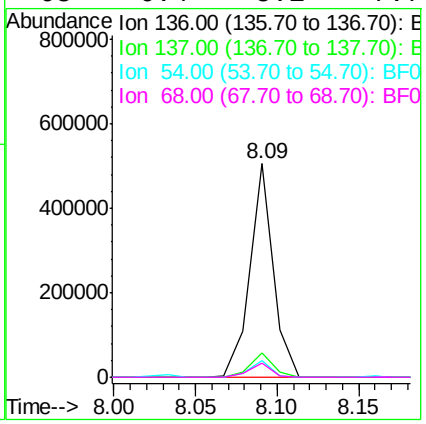




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

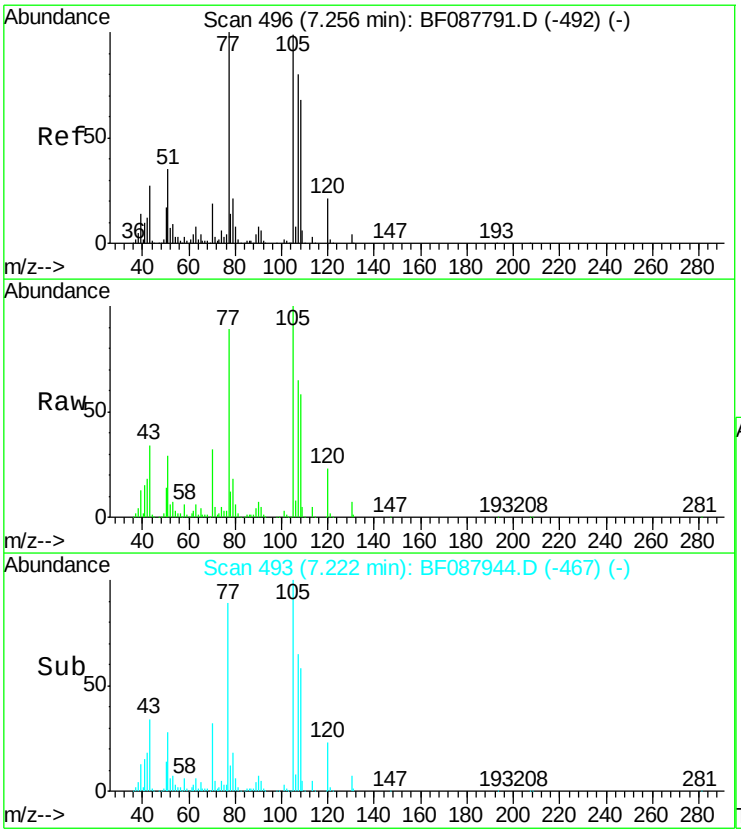
Tgt Ion:136 Resp: 499151

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.9	6.6	10.0
68	6.4	5.1	7.7



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

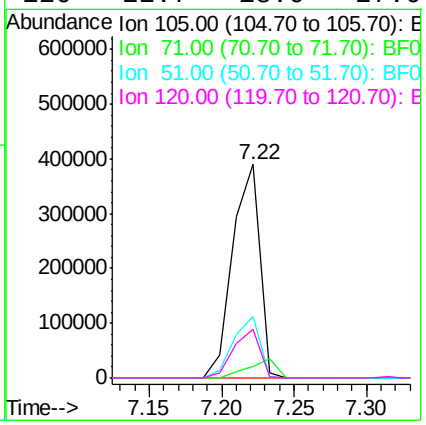
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

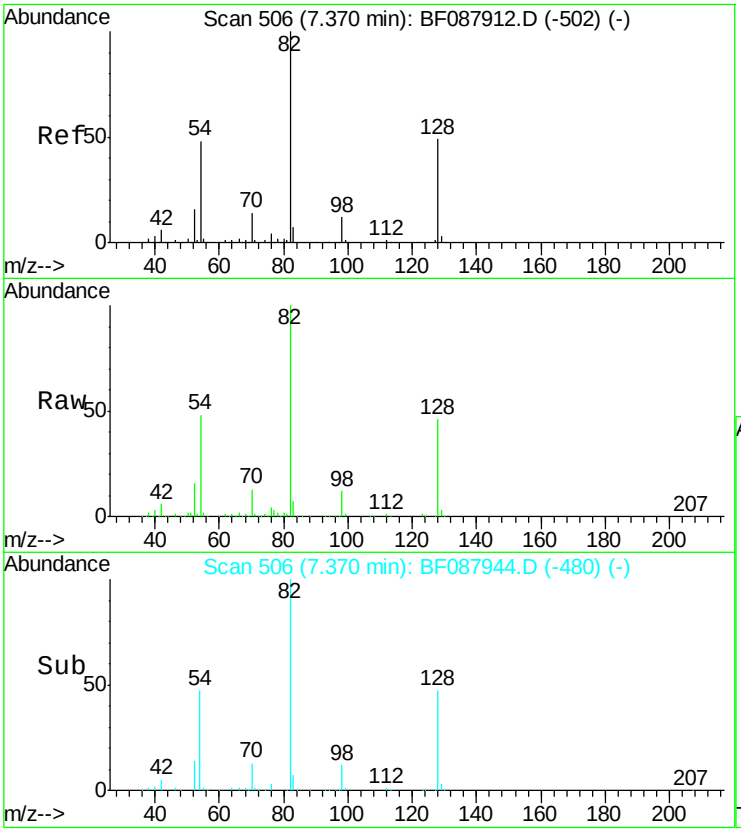


#22
Acetophenone
Concen: 45.46 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:105 Resp: 507092

Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.3	7.9
51	28.6	18.2	27.4#
120	22.7	18.0	27.0

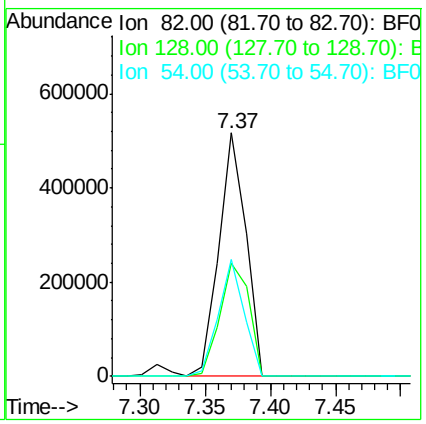




#23
Nitrobenzene-d5
Concen: 86.94 ng
RT: 7.37 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

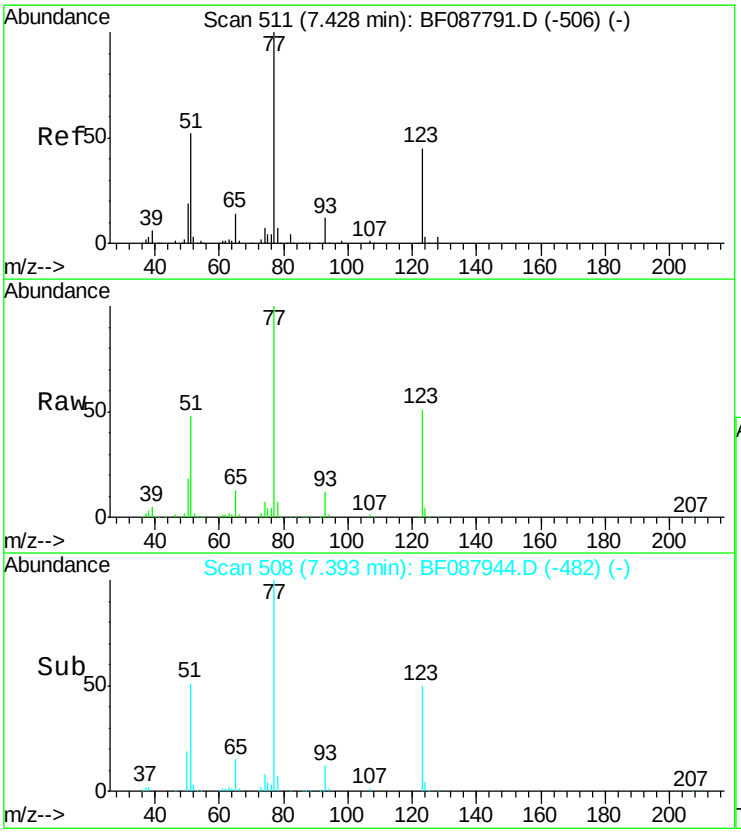
Tgt Ion: 82 Resp: 743164

Ion	Ratio	Lower	Upper
82	100		
128	46.5	35.9	53.9
54	48.0	40.9	61.3



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

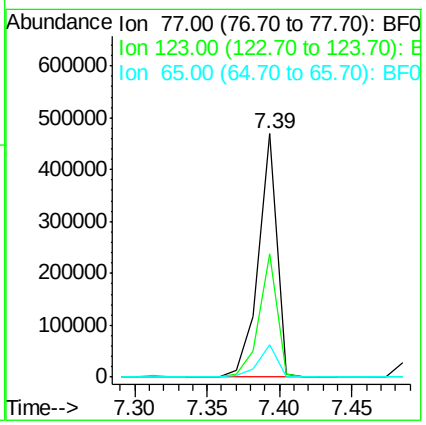
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

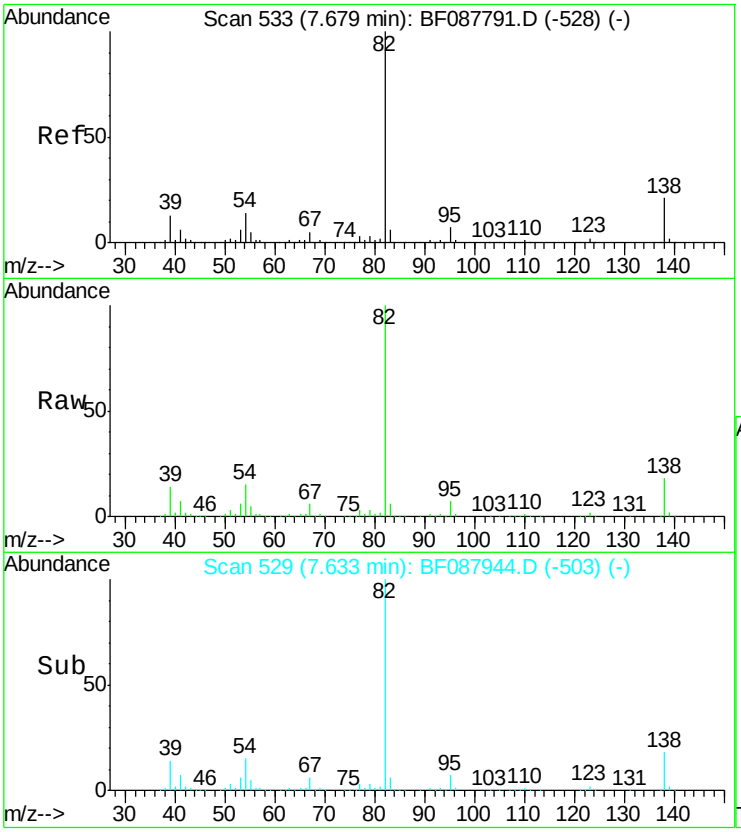


#24
Nitrobenzene
Concen: 50.31 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 77 Resp: 416587

Ion	Ratio	Lower	Upper
77	100		
123	50.6	45.0	67.4
65	13.3	10.2	15.2

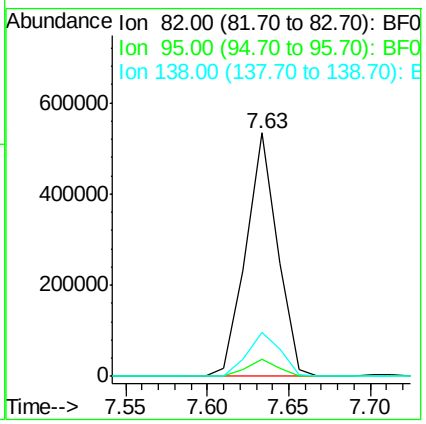




#25
Isophorone
Concen: 45.50 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

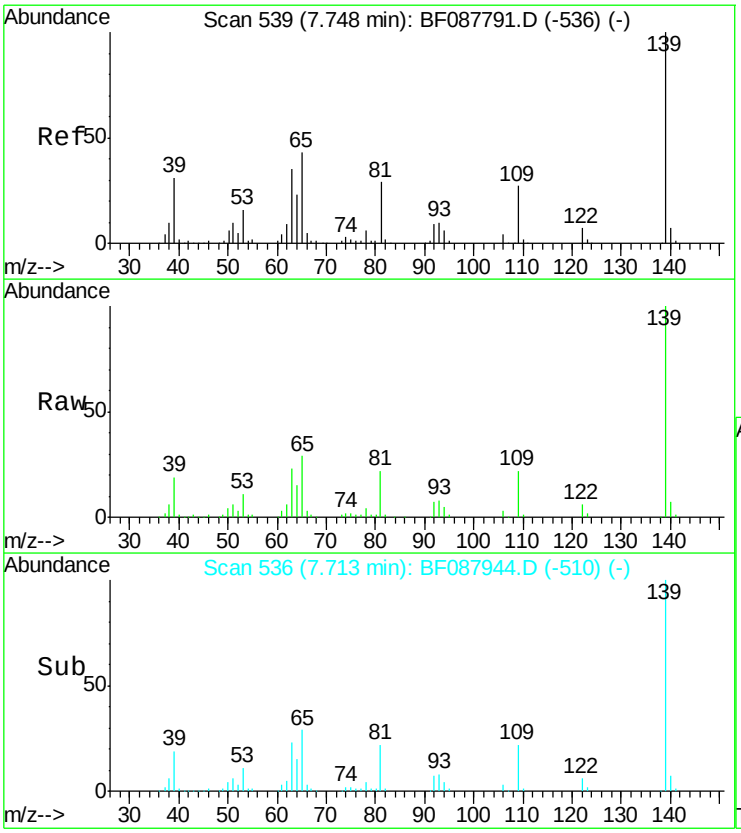
Tgt Ion: 82 Resp: 720488

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.1	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

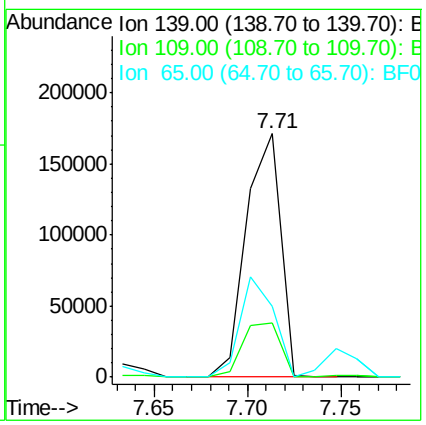
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

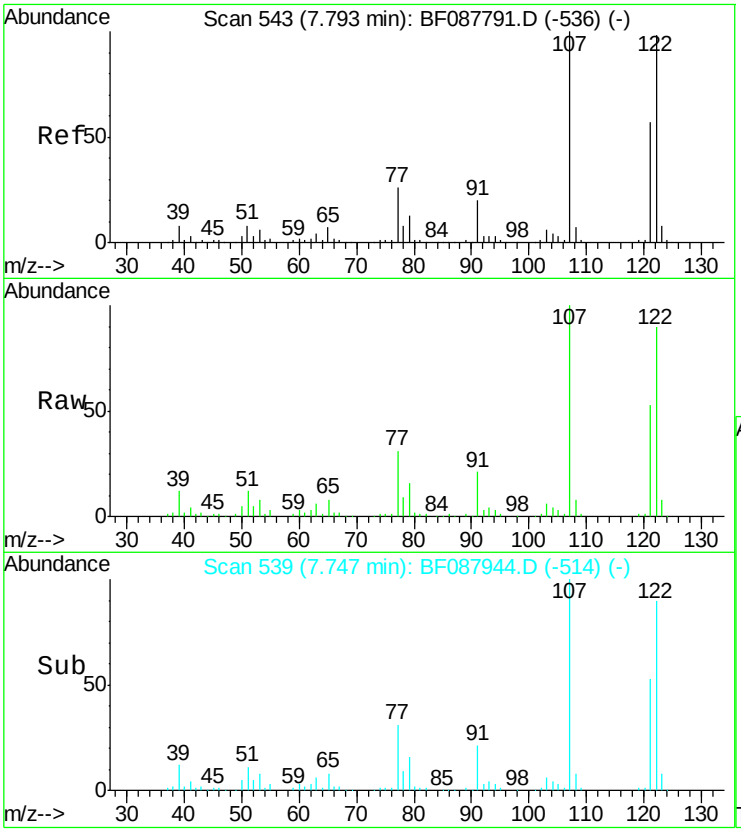


#26
2-Nitrophenol
Concen: 49.19 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:139 Resp: 218199

Ion	Ratio	Lower	Upper
139	100		
109	22.0	23.0	34.4#
65	29.3	45.8	68.8#

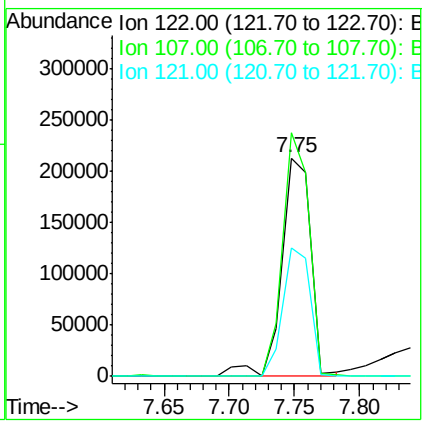




#27
2,4-Dimethylphenol
Concen: 40.92 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

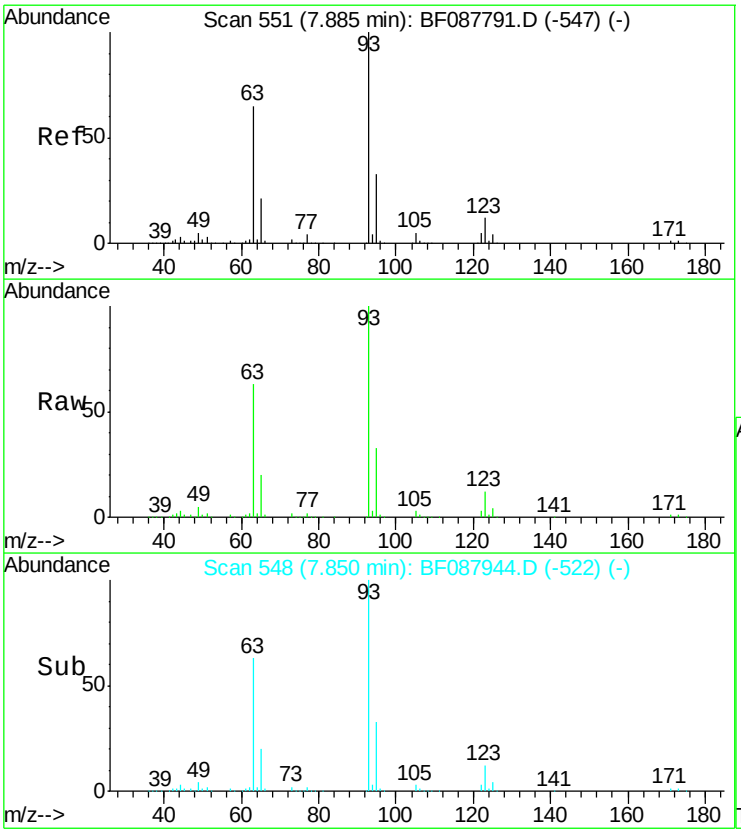
Tgt Ion:122 Resp: 334175

Ion	Ratio	Lower	Upper
122	100		
107	111.4	82.4	123.6
121	58.8	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

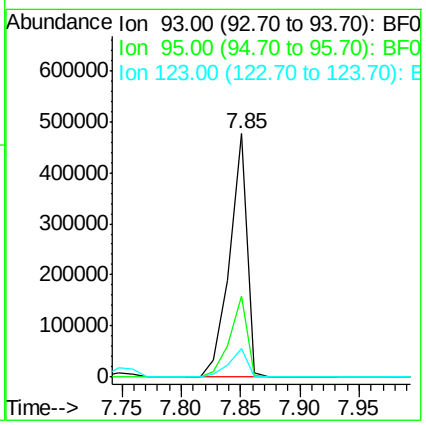
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

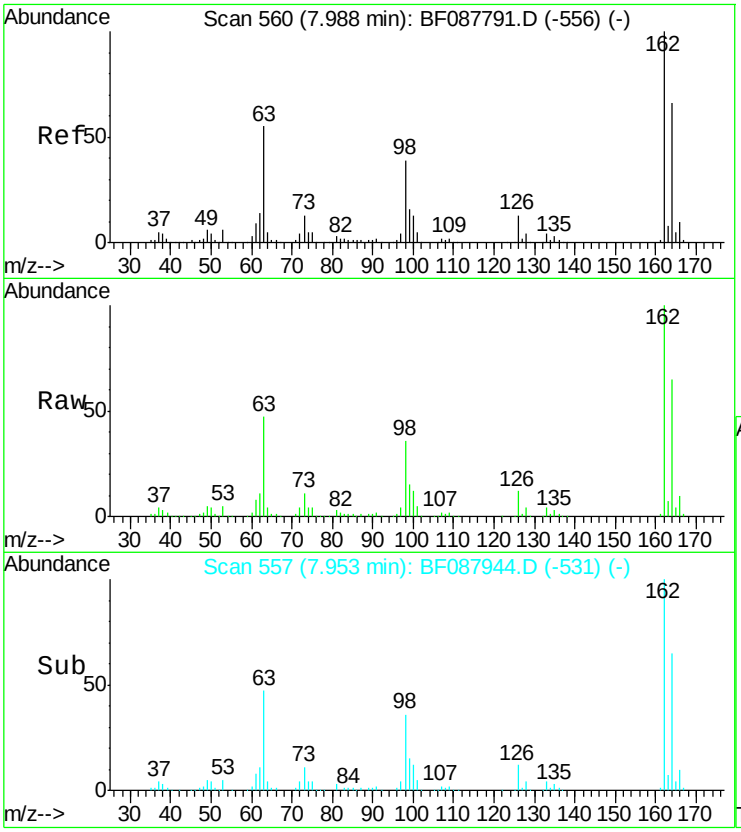


#28
bis(2-Chloroethoxy)methane
Concen: 49.42 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 93 Resp: 485358

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	12.0	11.6	17.4

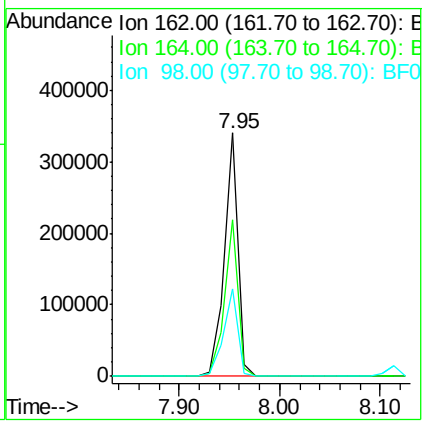




#29
2,4-Dichlorophenol
Concen: 46.99 ng
RT: 7.95 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

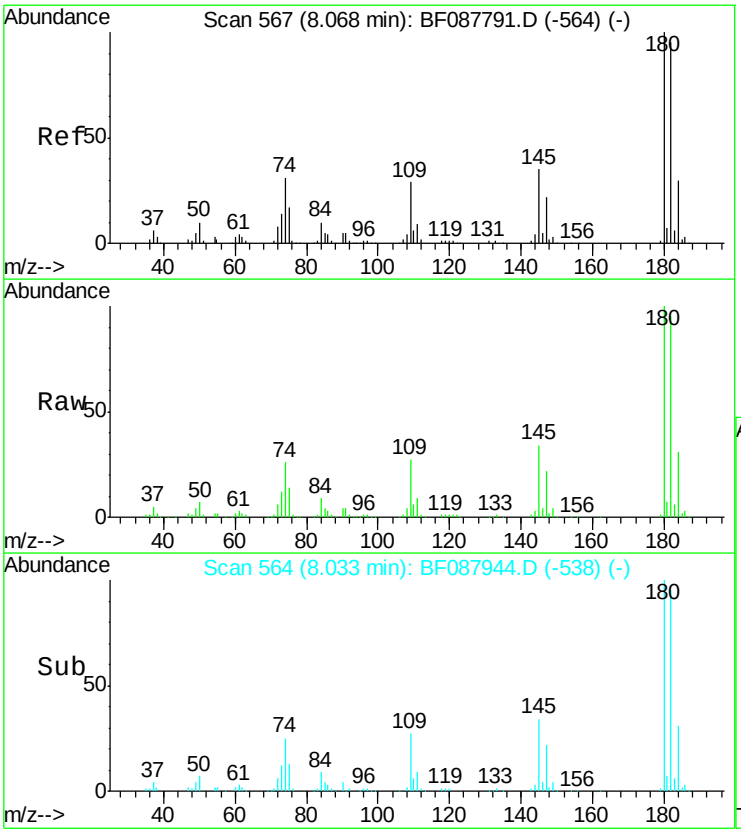
Tgt Ion:162 Resp: 320380

Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	35.8	21.3	61.3



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

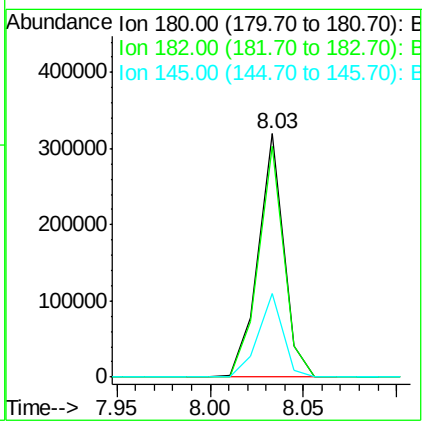
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

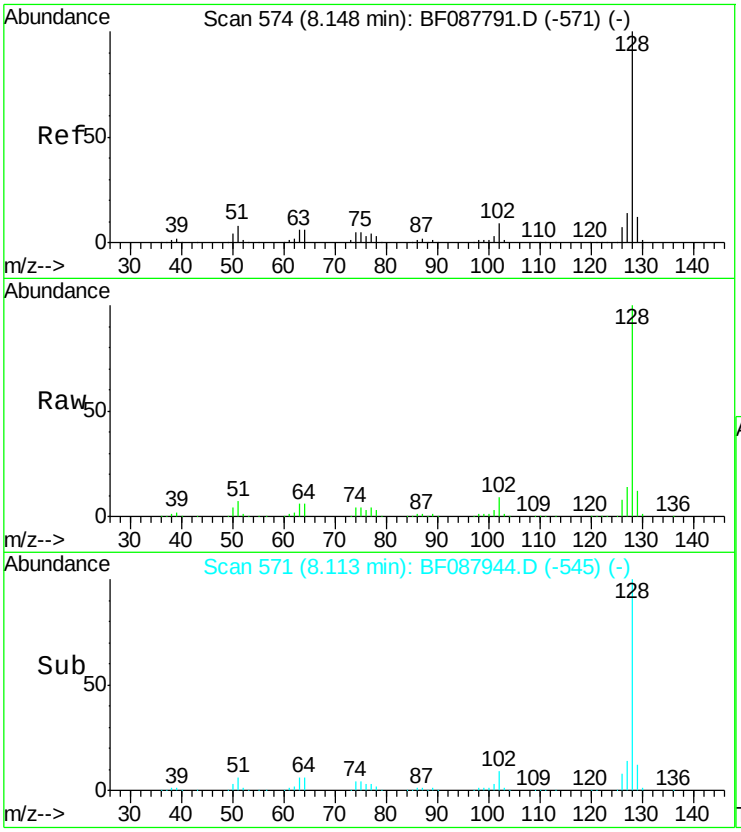


#30
1,2,4-Trichlorobenzene
Concen: 40.66 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:180 Resp: 301893

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	34.2	26.5	39.7

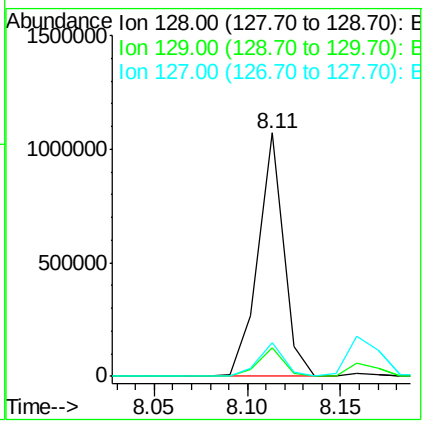




#31
Naphthalene
Concen: 41.13 ng
RT: 8.11 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

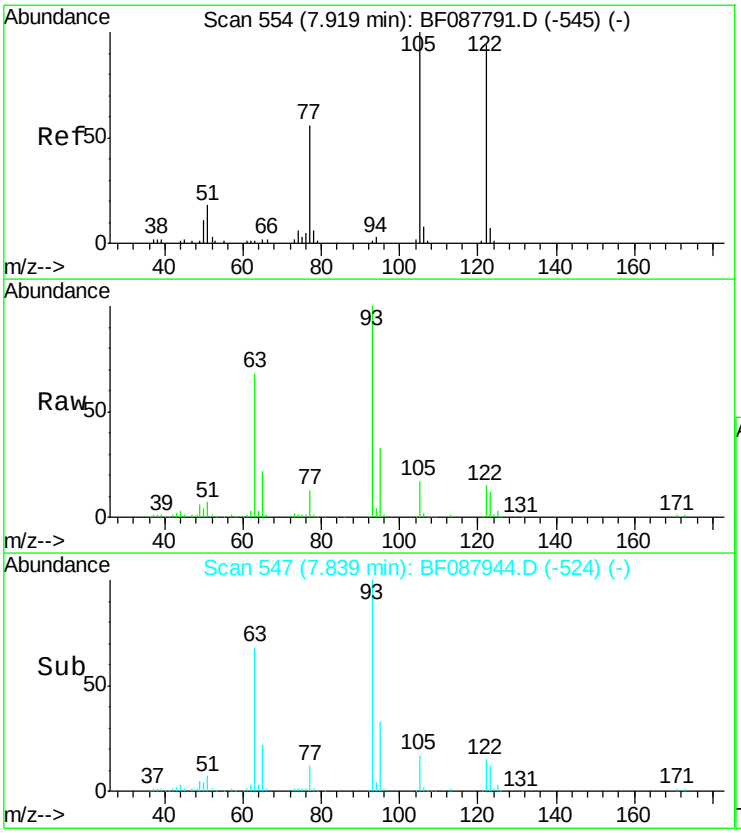
Tgt Ion:128 Resp: 1016032

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.2
127	13.8	10.9	16.3



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

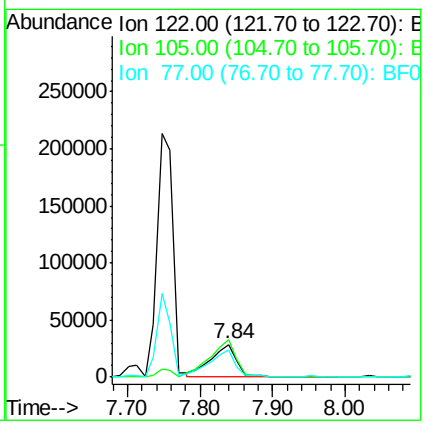
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

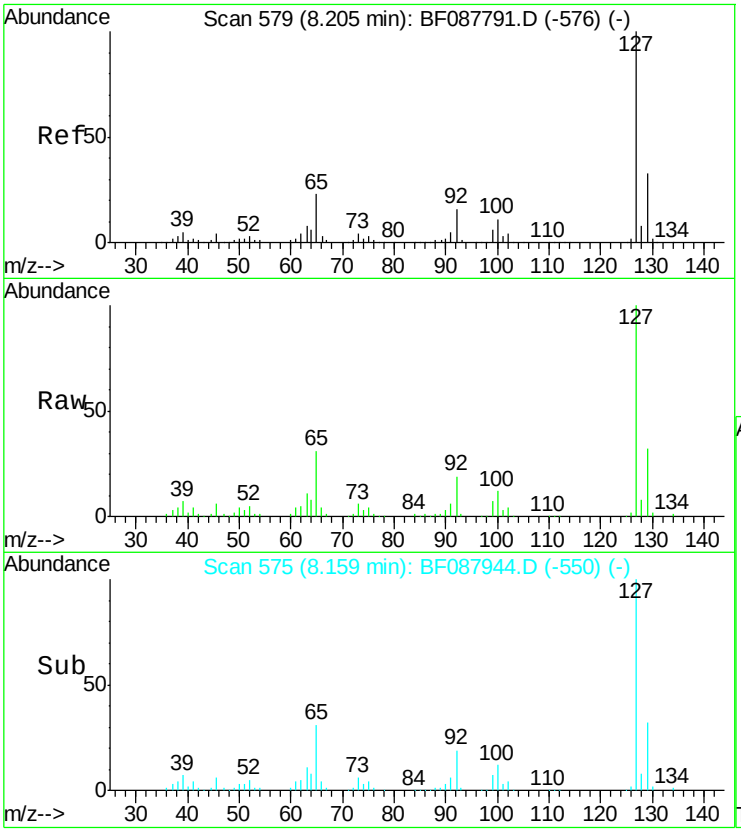


#32
Benzoic acid
Concen: 16.49 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:122 Resp: 74165

Ion	Ratio	Lower	Upper
122	100		
105	116.2	101.6	141.6
77	83.8	70.6	110.6

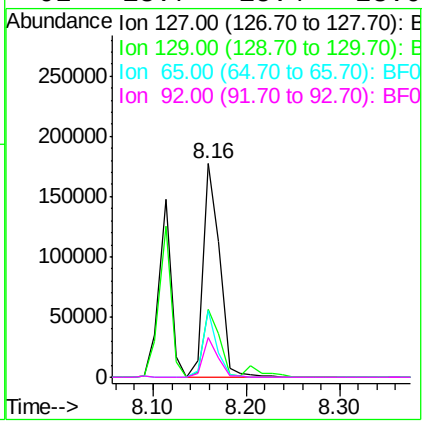




#33
4-Chloroaniline
Concen: 19.89 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

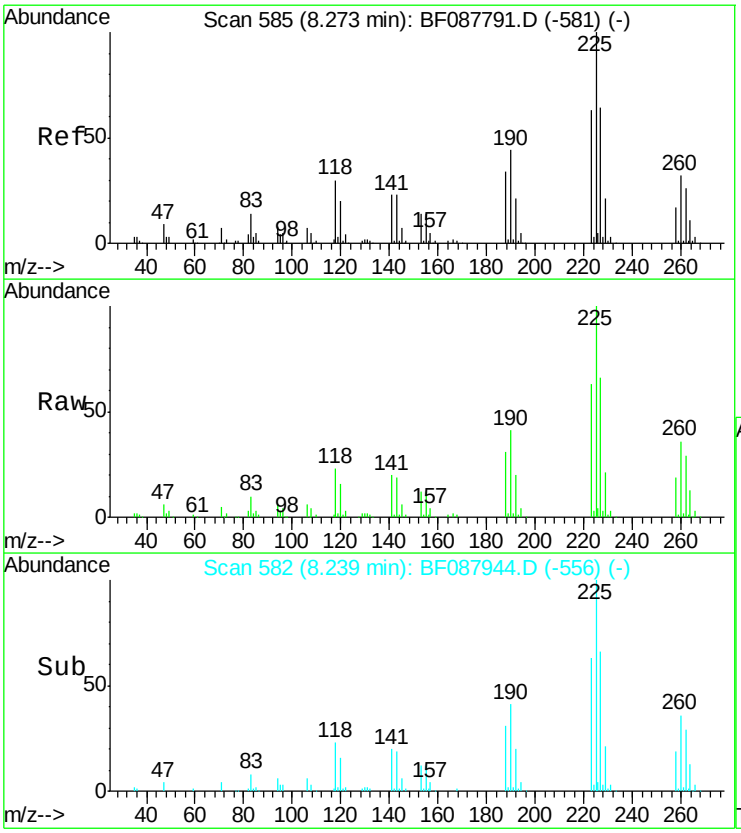
Tgt Ion:127 Resp: 219394

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.3	39.5
65	31.0	24.7	37.1
92	18.7	15.4	23.0



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

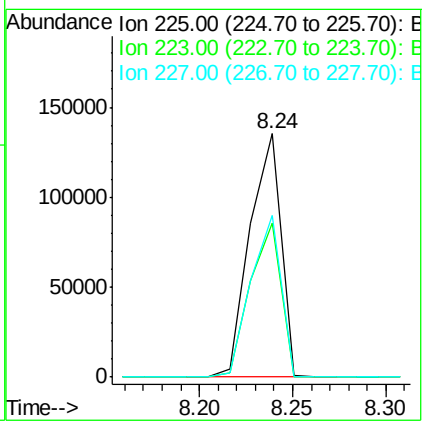
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

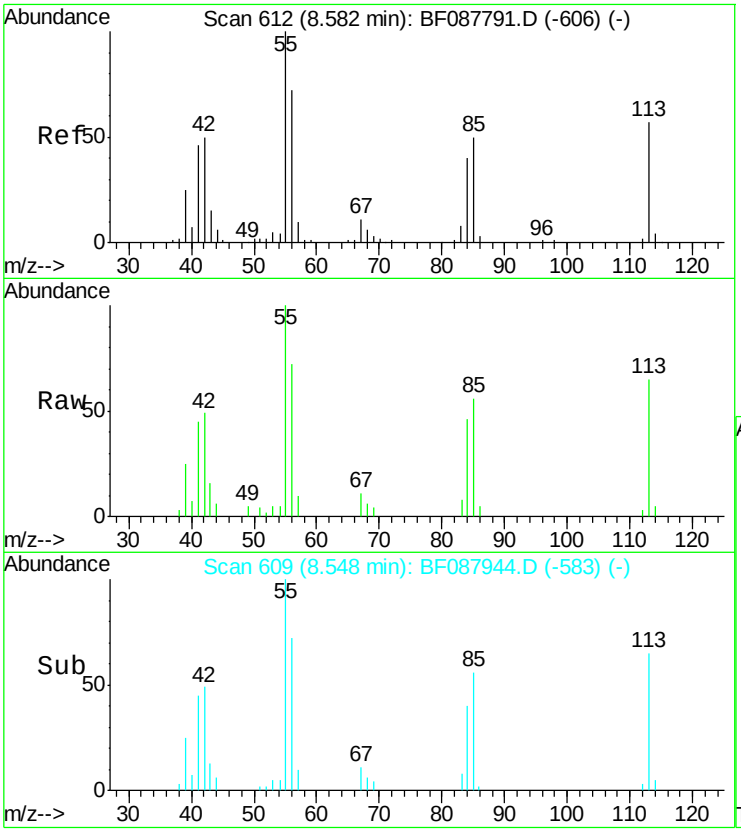


#34
Hexachlorobutadiene
Concen: 39.61 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:225 Resp: 155103

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.9	76.3
227	66.4	51.9	77.9

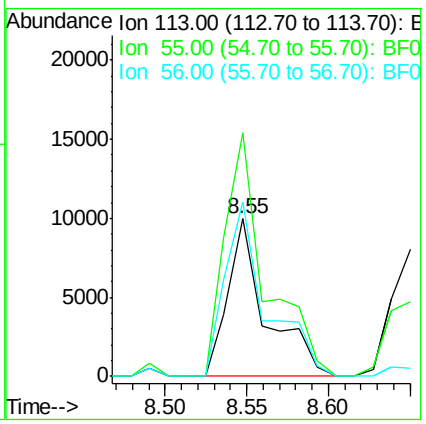




#35
Caprolactam
Concen: 7.19 ng
RT: 8.55 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

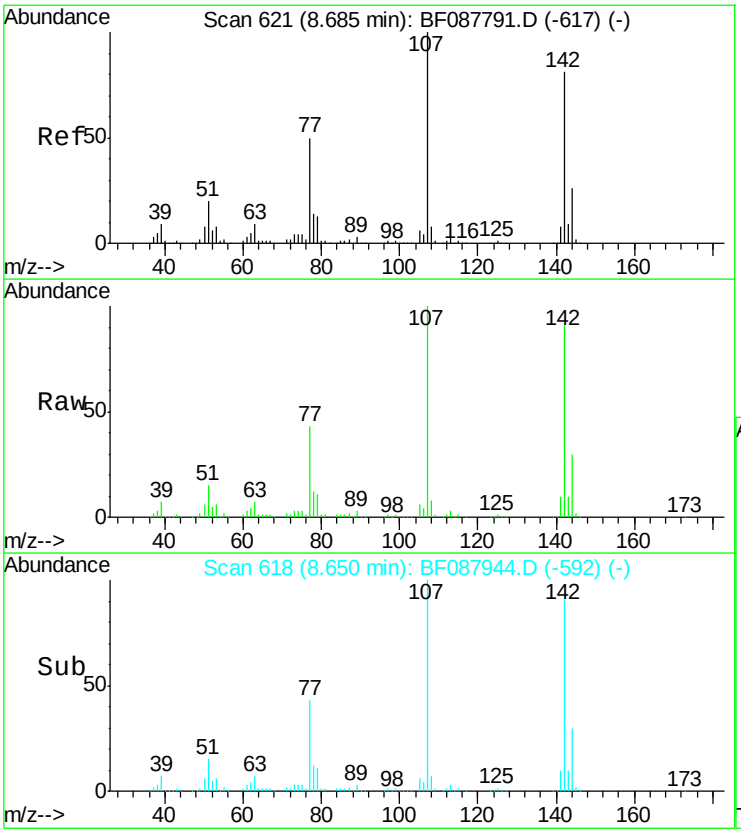
Tgt Ion:113 Resp: 16230

Ion	Ratio	Lower	Upper
113	100		
55	154.5	158.6	198.6#
56	110.6	110.6	150.6



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

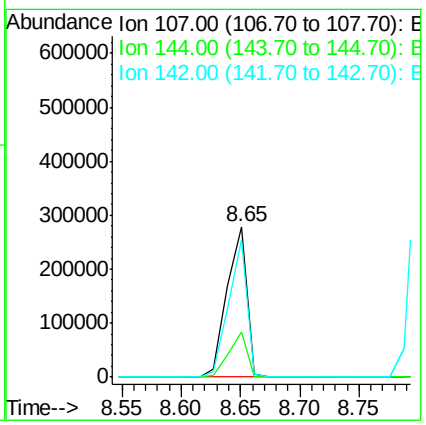
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

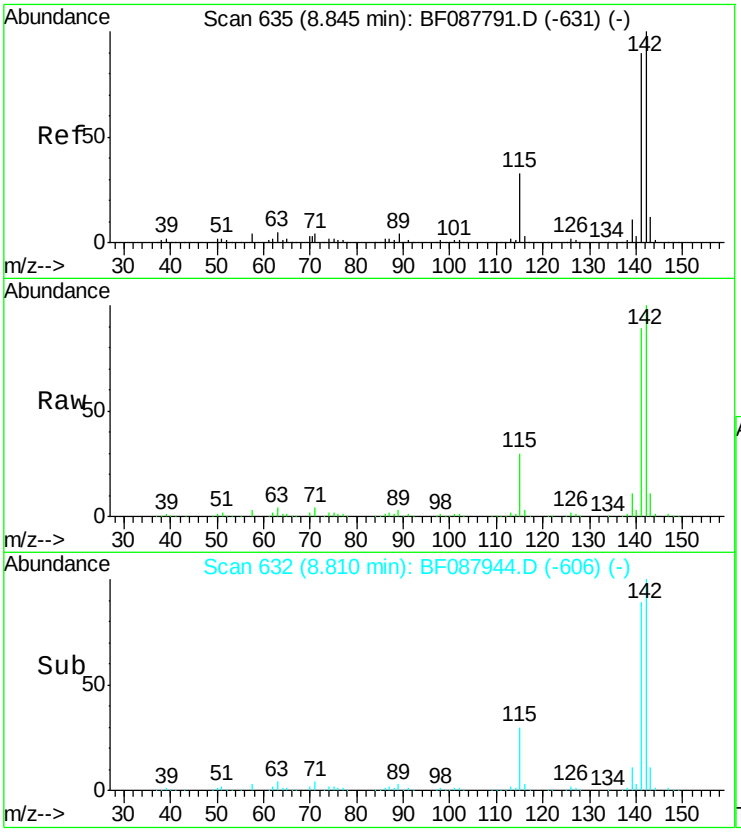


#36
4-Chloro-3-methylphenol
Concen: 44.41 ng
RT: 8.65 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:107 Resp: 323823

Ion	Ratio	Lower	Upper
107	100		
144	29.7	20.8	31.2
142	91.0	63.4	95.2

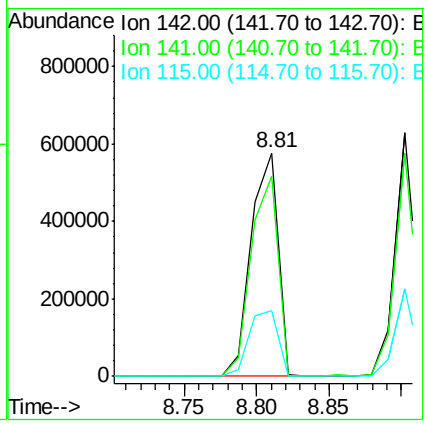




#37
2-Methylnaphthalene
Concen: 45.80 ng
RT: 8.81 min Scan# 632
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

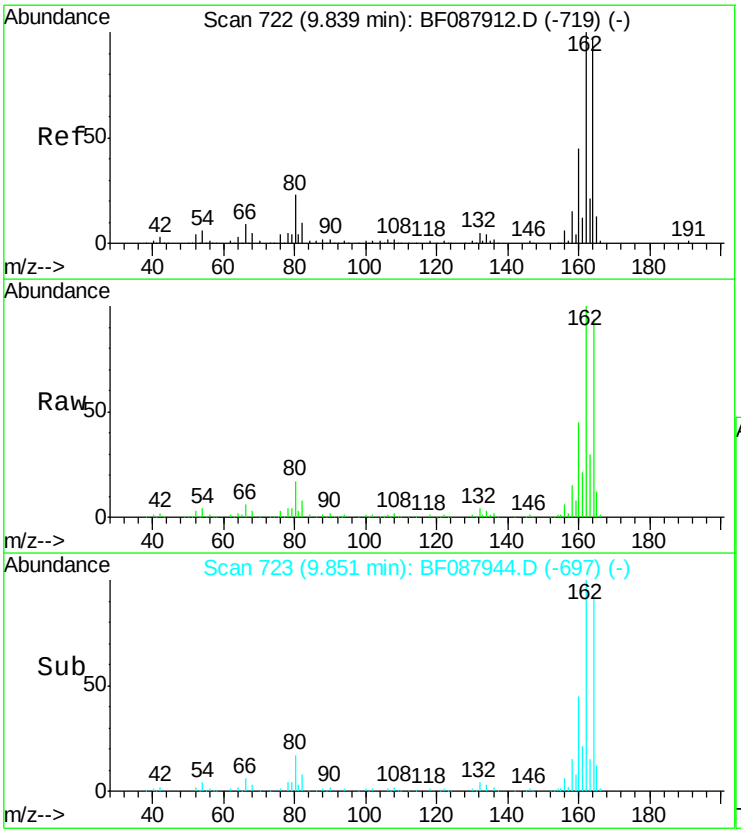
Tgt Ion:142 Resp: 745627

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.6
115	29.7	22.6	33.8



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

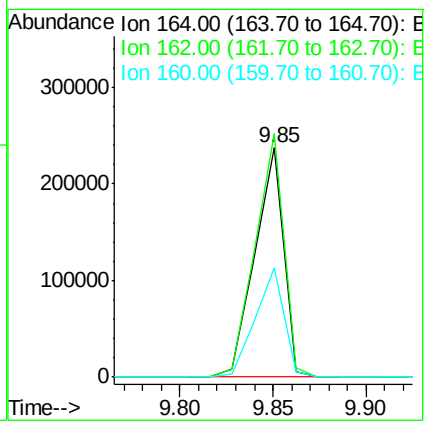
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

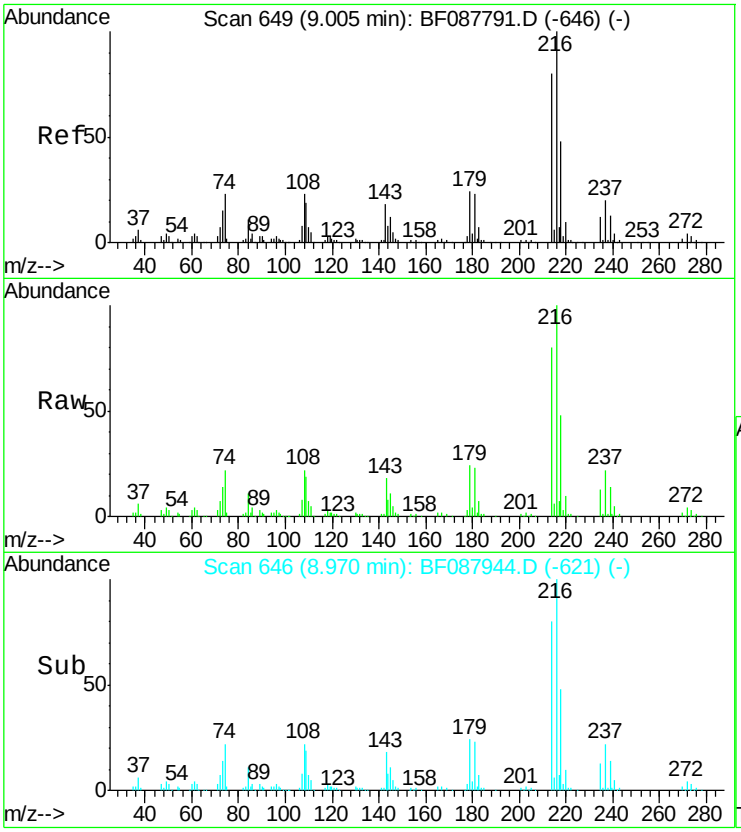


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:164 Resp: 250892

Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.4	128.2
160	47.9	39.5	59.3

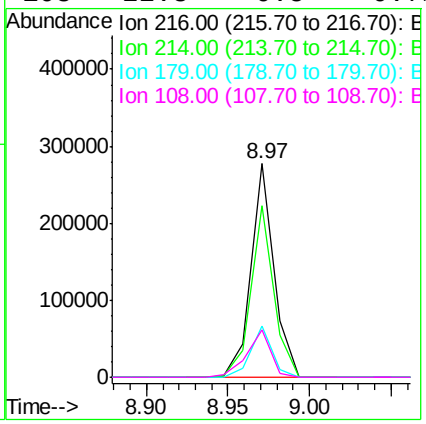




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.29 ng
RT: 8.97 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

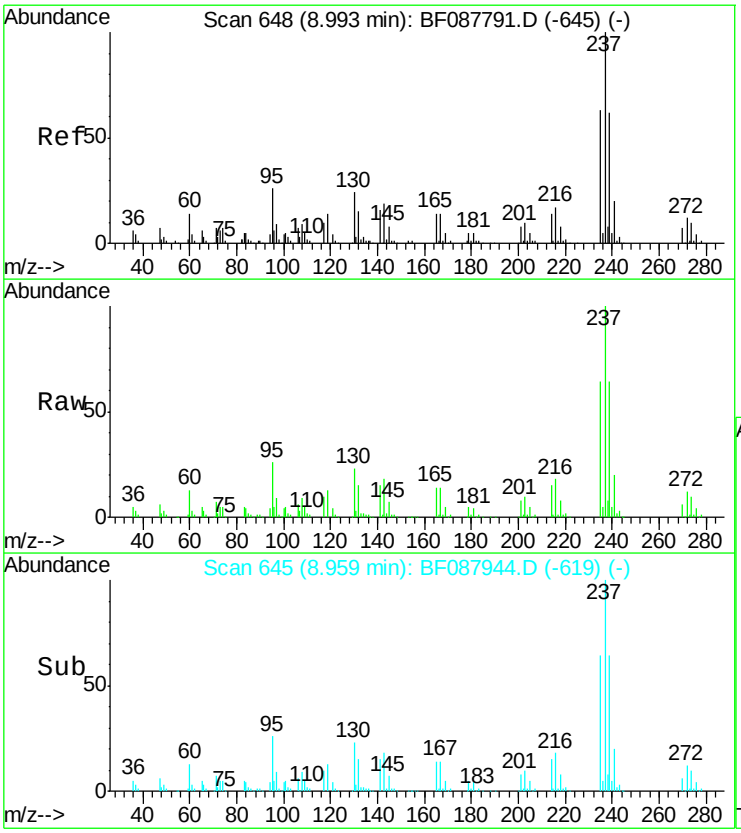
Tgt Ion:216 Resp: 272525

Ion	Ratio	Lower	Upper
216	100		
214	79.2	2.9	4.3#
179	22.5	0.0	0.0#
108	22.8	0.5	0.7#



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

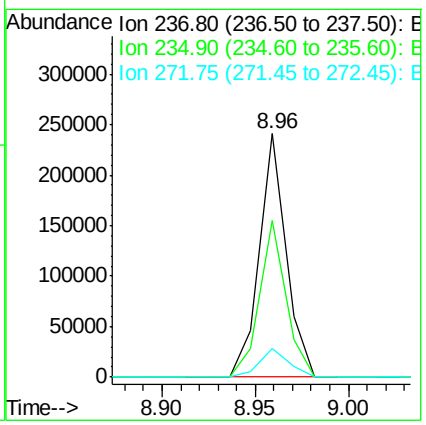
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

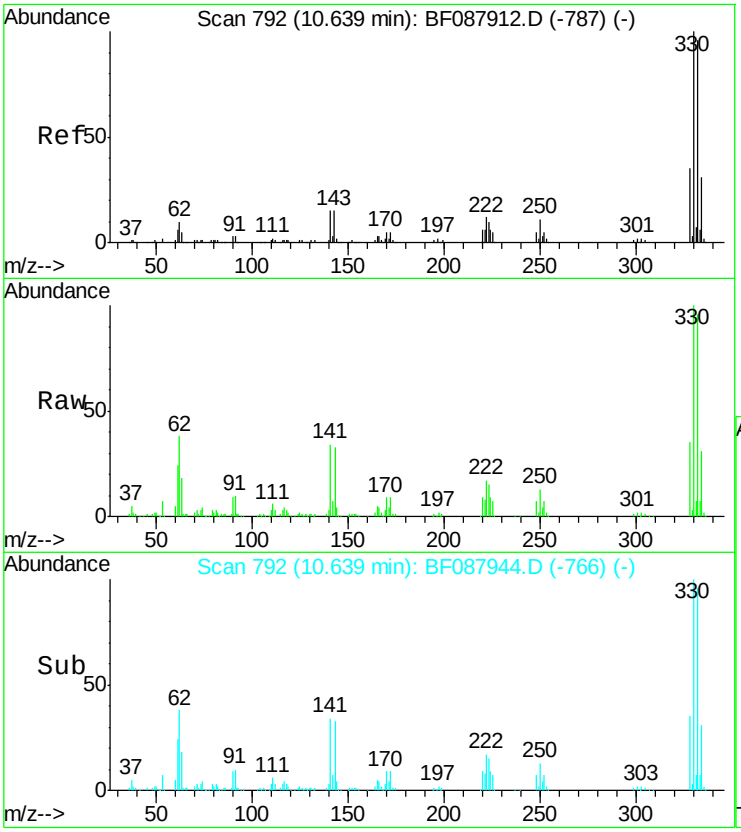


#40
Hexachlorocyclopentadiene
Concen: 58.98 ng
RT: 8.96 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:237 Resp: 238691

Ion	Ratio	Lower	Upper
237	100		
235	64.3	43.4	83.4
272	11.8	0.0	32.3





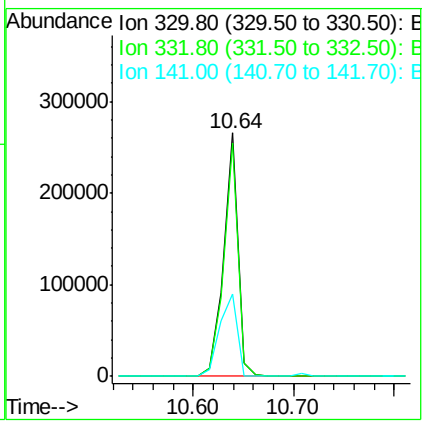
#41
2,4,6-Tribromophenol
Concen: 99.15 ng
RT: 10.64 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

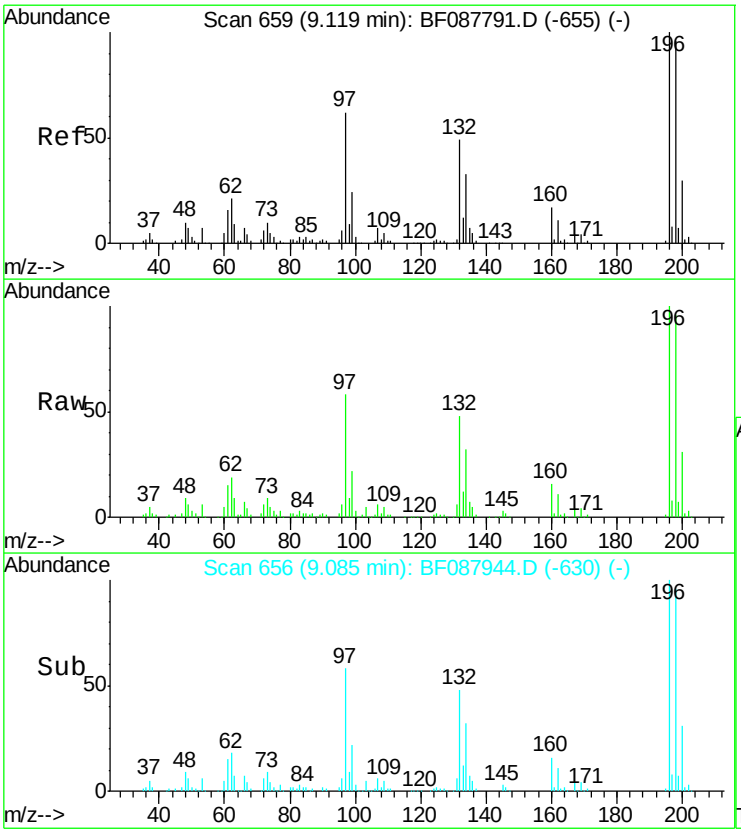
Tgt Ion:330 Resp: 262659

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	41.7	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

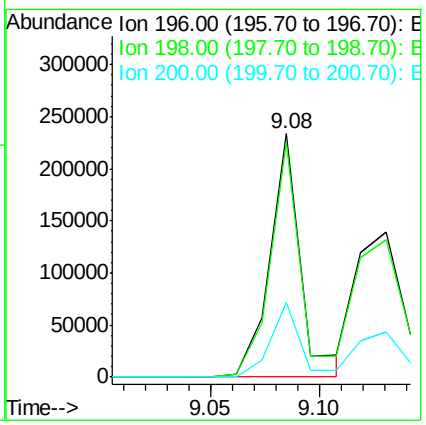


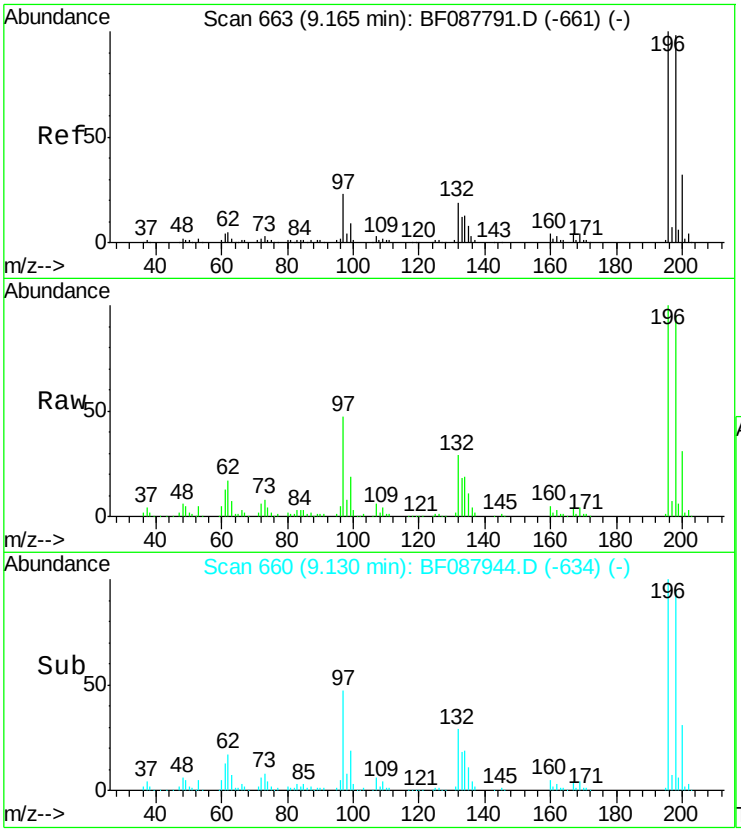


#42
2,4,6-Trichlorophenol
Concen: 45.77 ng
RT: 9.08 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:196 Resp: 229653

Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.0	117.0
200	30.6	25.4	38.2

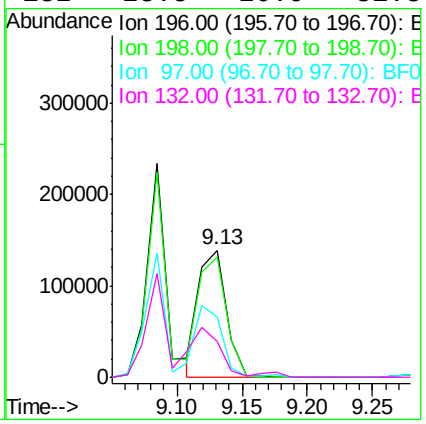




#43
2,4,5-Trichlorophenol
Concen: 39.94 ng
RT: 9.13 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

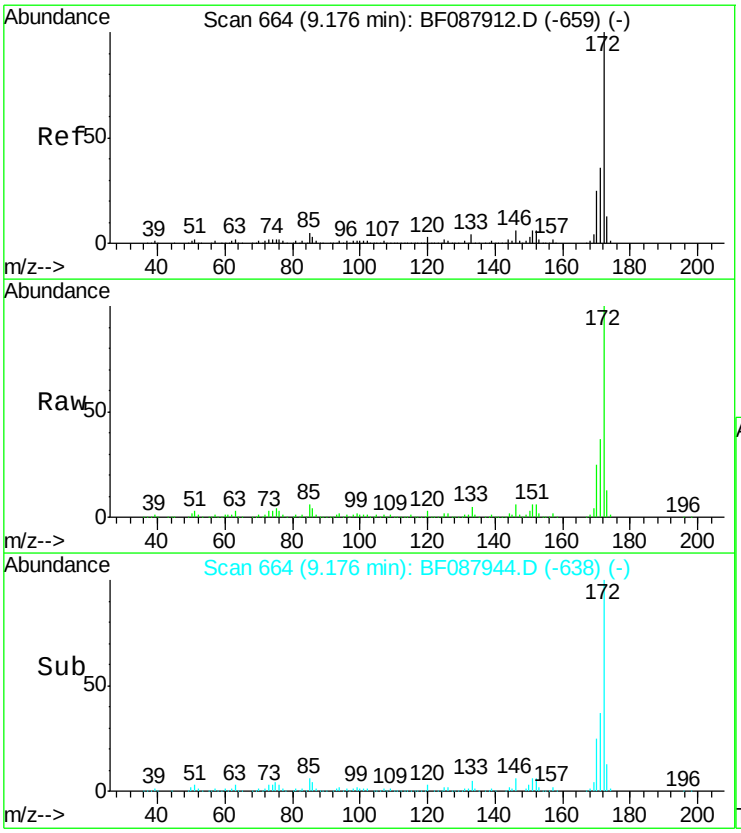
Tgt Ion:196 Resp: 208491

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.5	116.3
97	46.9	32.0	48.0
132	28.5	20.9	31.3



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

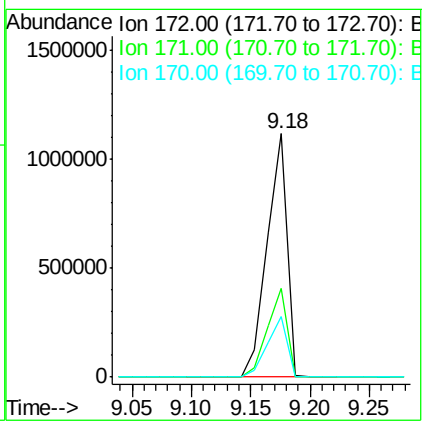
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

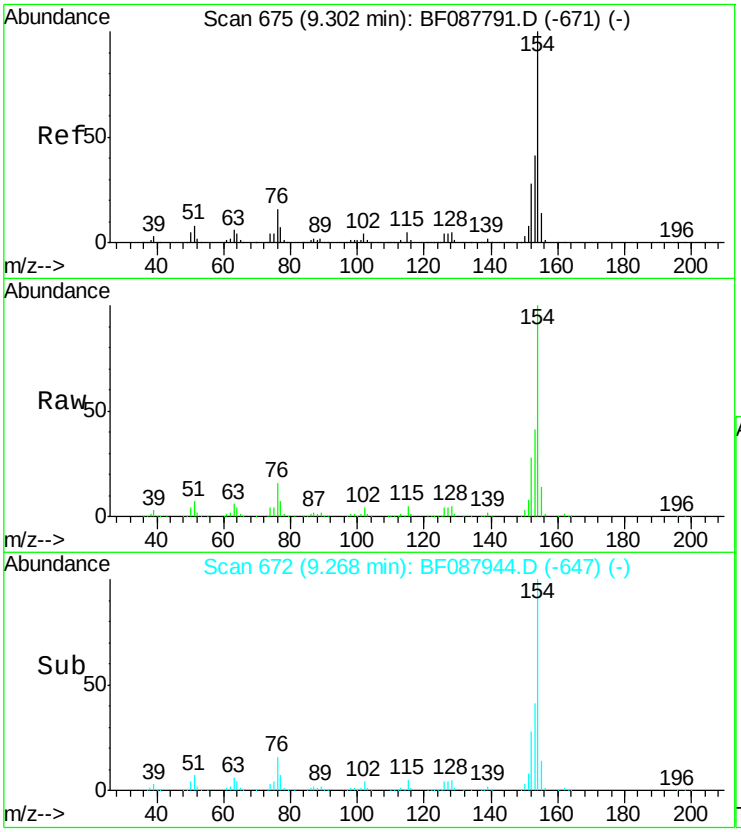


#44
2-Fluorobiphenyl
Concen: 82.32 ng
RT: 9.18 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:172 Resp: 1317446

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.8	19.2	28.8

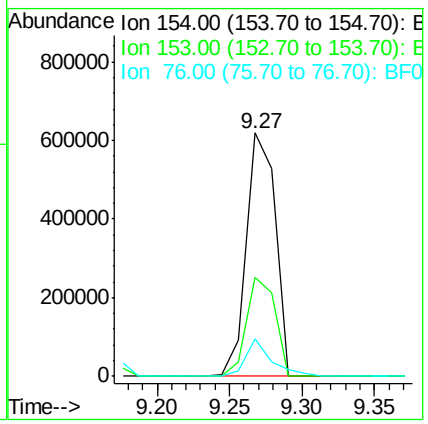




#45
1,1'-Biphenyl
Concen: 45.42 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

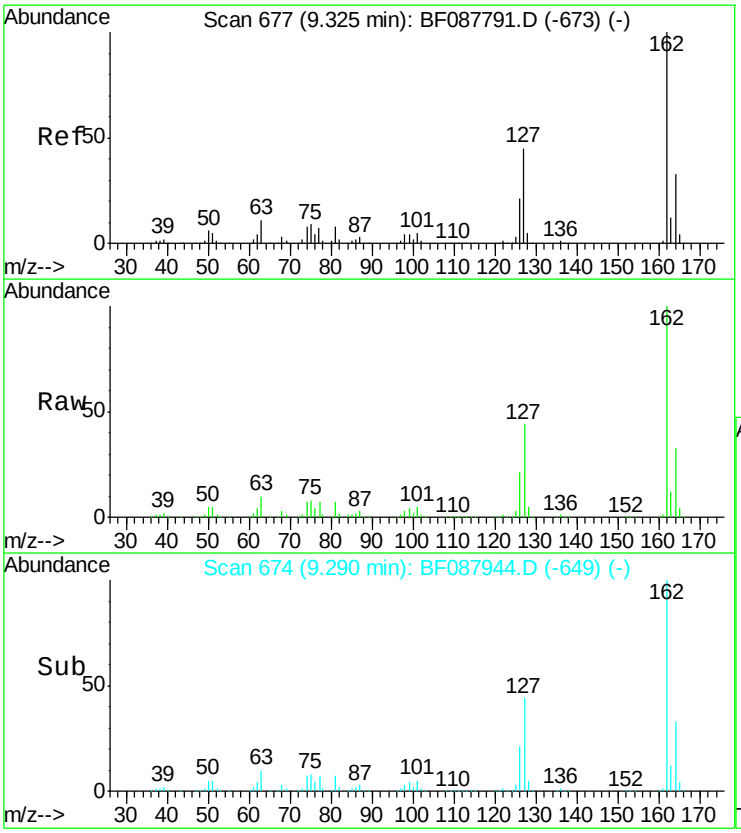
Tgt Ion:154 Resp: 854197

Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	15.5	0.0	35.1



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

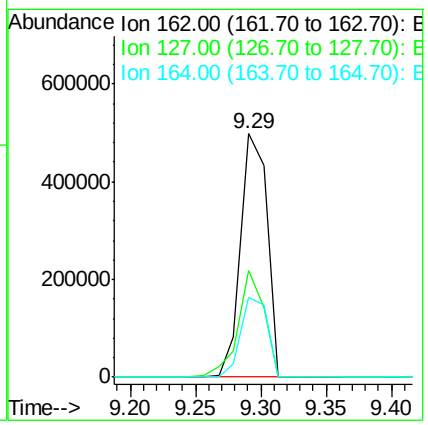
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

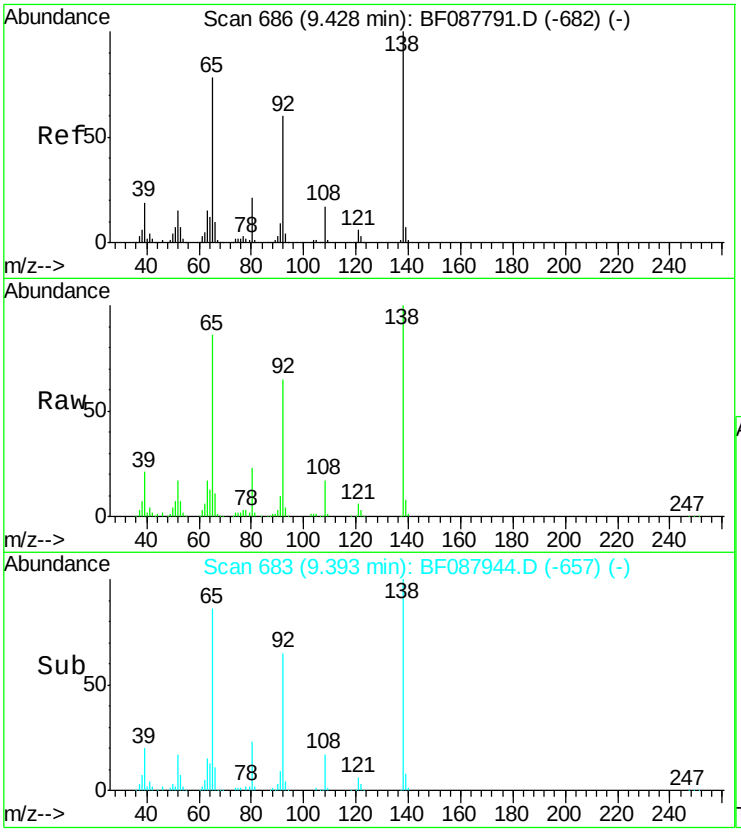


#46
2-Chloronaphthalene
Concen: 43.06 ng
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:162 Resp: 699140

Ion	Ratio	Lower	Upper
162	100		
127	43.7	35.2	52.8
164	32.7	26.6	39.8

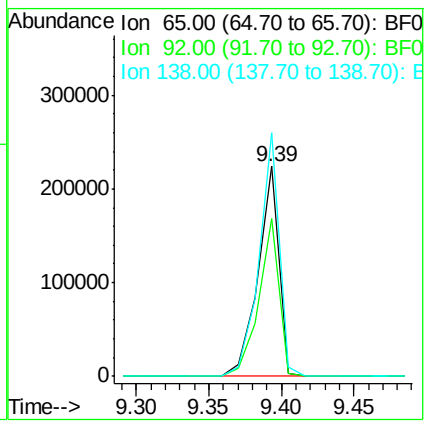




#47
2-Nitroaniline
Concen: 46.48 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

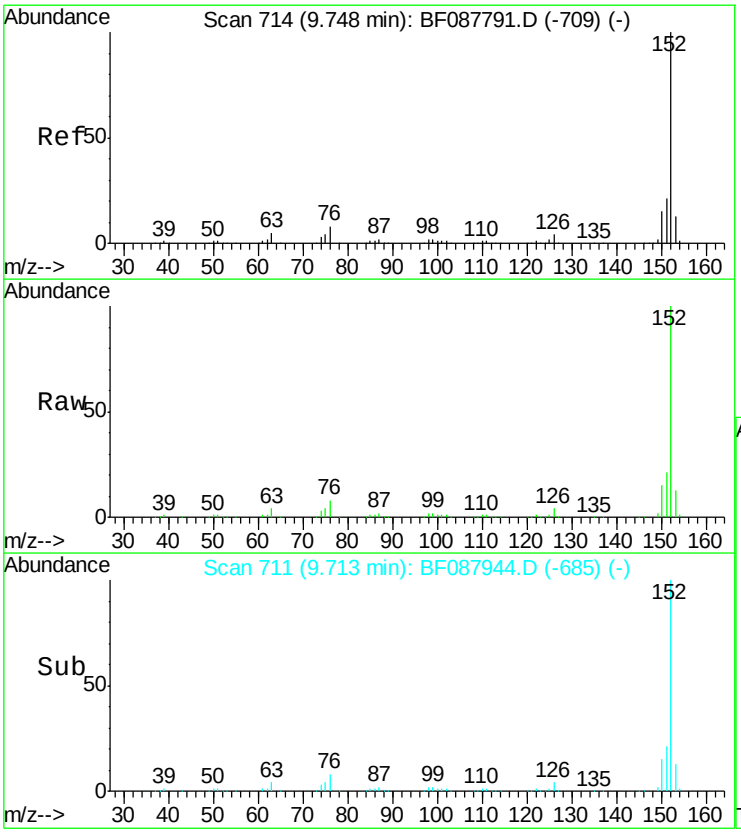
Tgt Ion: 65 Resp: 222632

Ion	Ratio	Lower	Upper
65	100		
92	75.1	54.6	82.0
138	115.9	77.0	115.4#



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

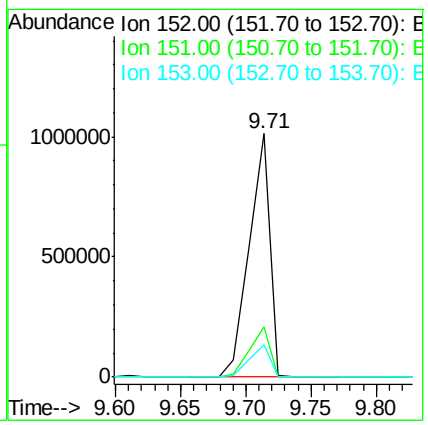
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

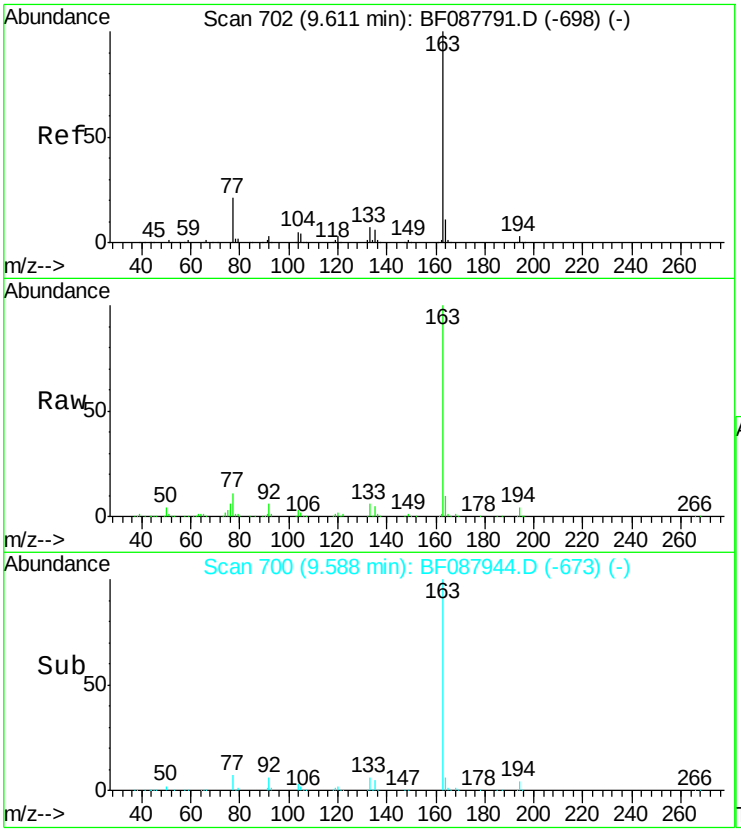


#48
Acenaphthylene
Concen: 43.16 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:152 Resp: 1114659

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	13.4	11.0	16.6

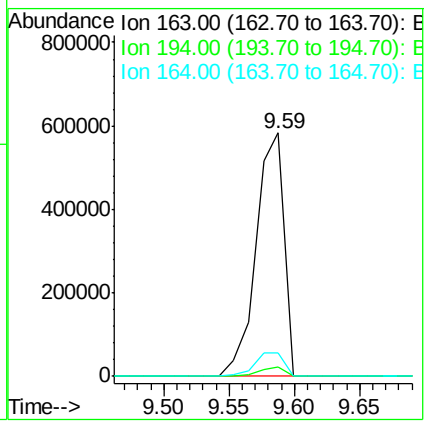




#49
Dimethylphthalate
Concen: 47.91 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

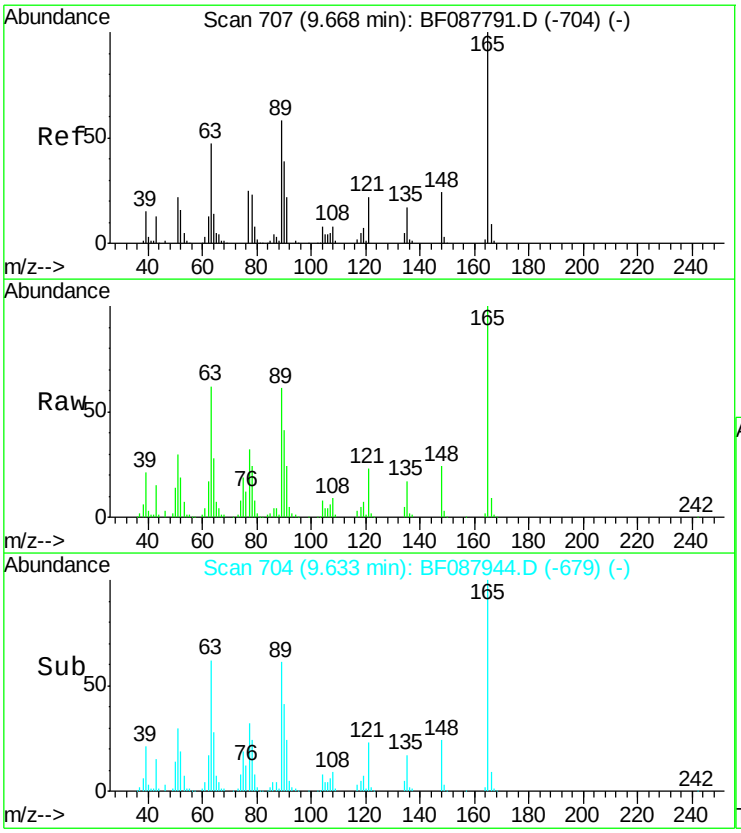
Tgt Ion:163 Resp: 870647

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.8	4.2
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

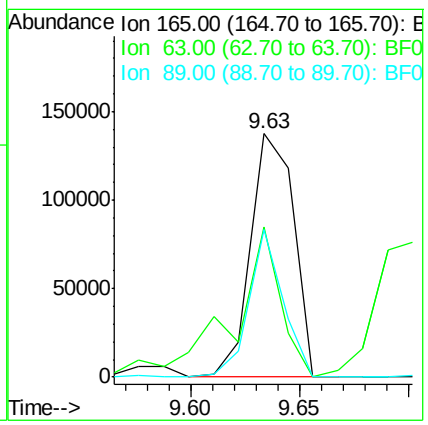
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

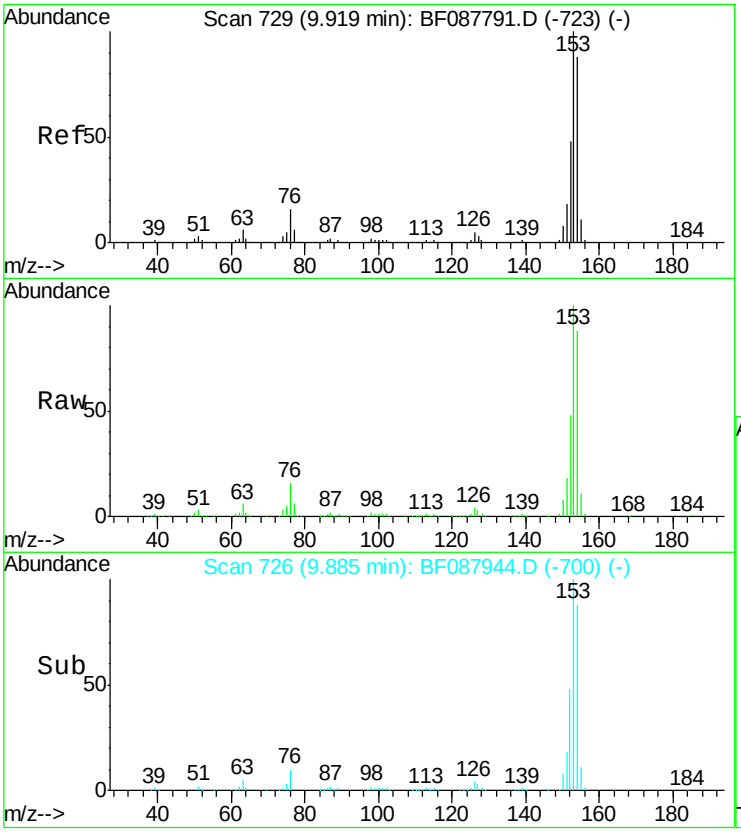


#50
2,6-Dinitrotoluene
Concen: 45.72 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:165 Resp: 190276

Ion	Ratio	Lower	Upper
165	100		
63	61.7	28.1	42.1#
89	60.8	32.2	48.2#

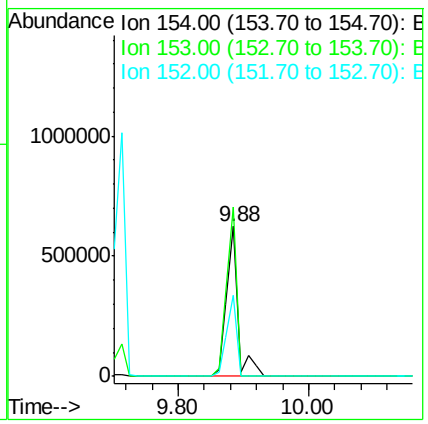




#51
Acenaphthene
Concen: 47.34 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

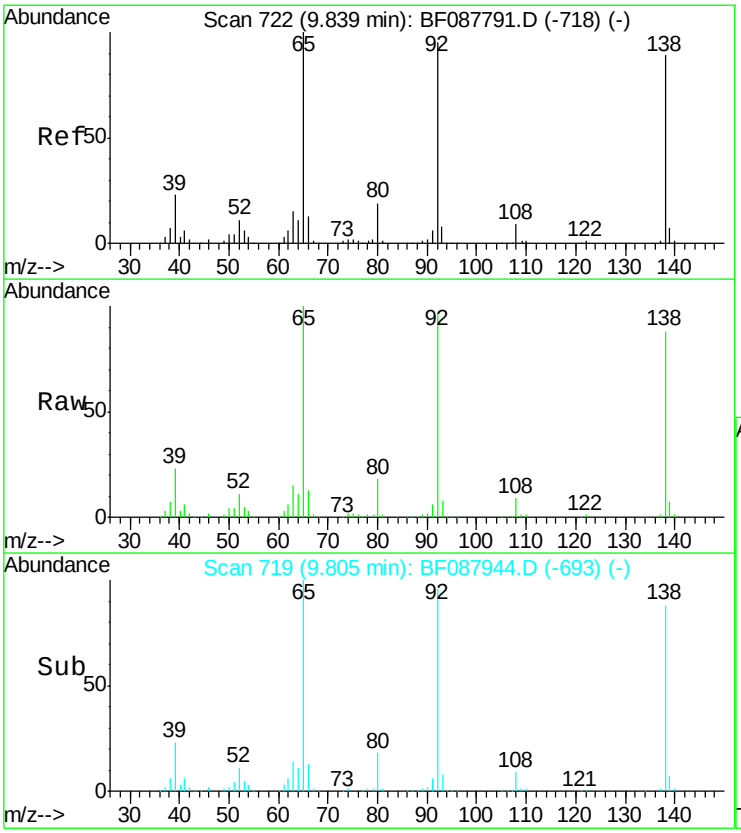
Tgt Ion:154 Resp: 762699

Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.5	134.3
152	54.4	42.7	64.1



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

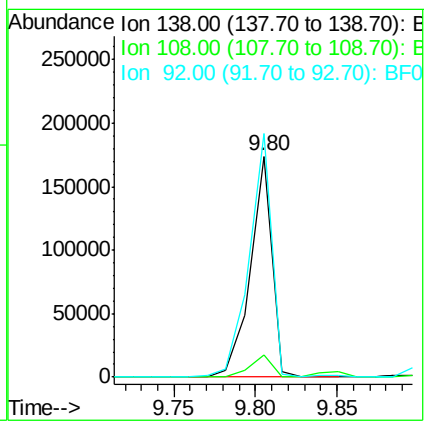
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

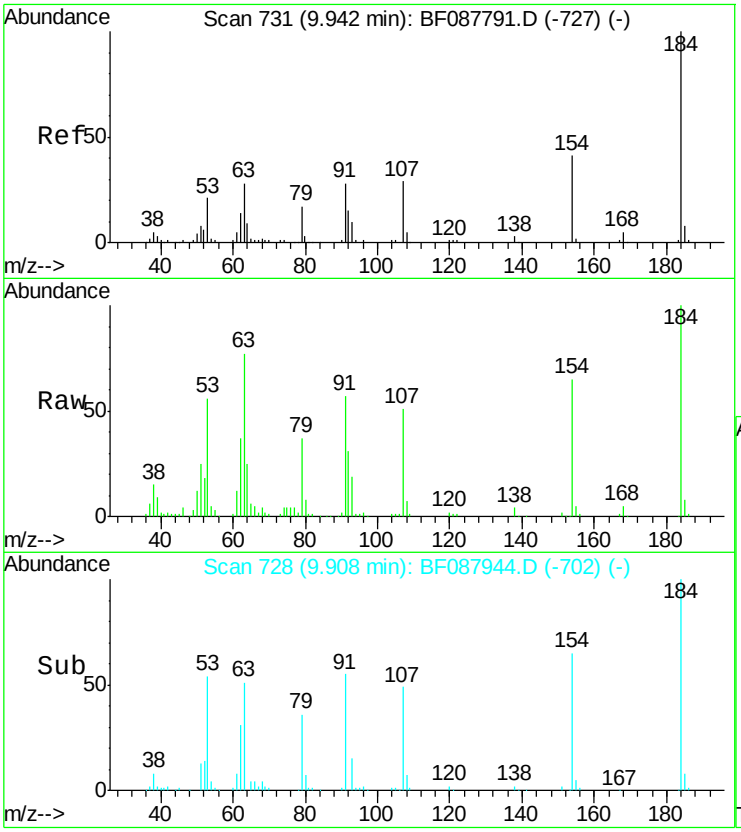


#52
3-Nitroaniline
Concen: 33.22 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:138 Resp: 159570

Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.5	12.7
92	110.3	95.7	143.5

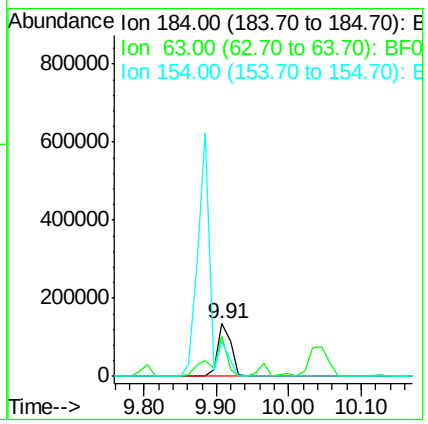




#53
2,4-Dinitrophenol
Concen: 77.25 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

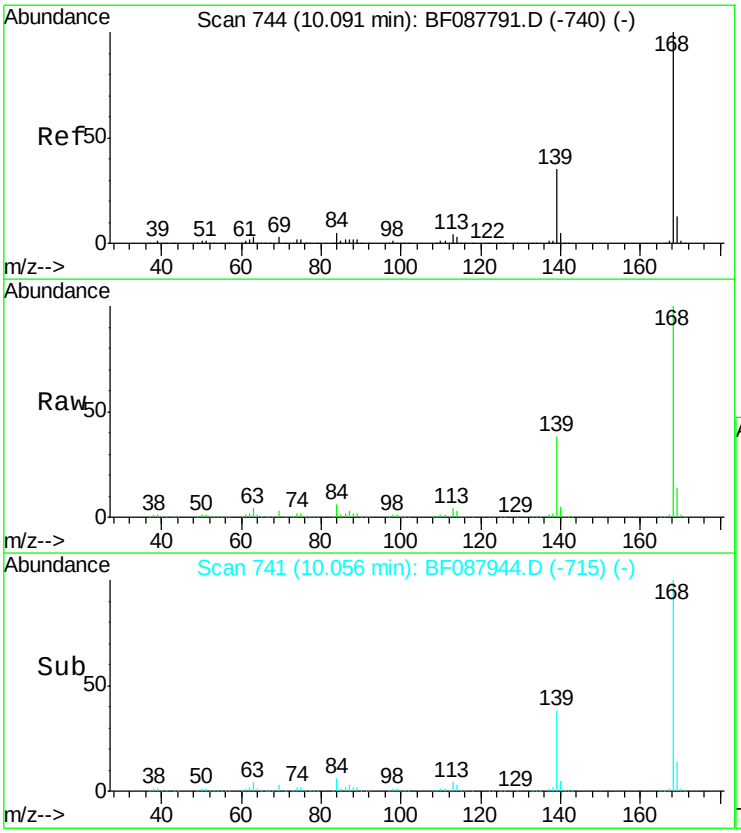
Tgt Ion:184 Resp: 174639

Ion	Ratio	Lower	Upper
184	100		
63	76.6	57.6	86.4
154	65.1	53.5	80.3



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

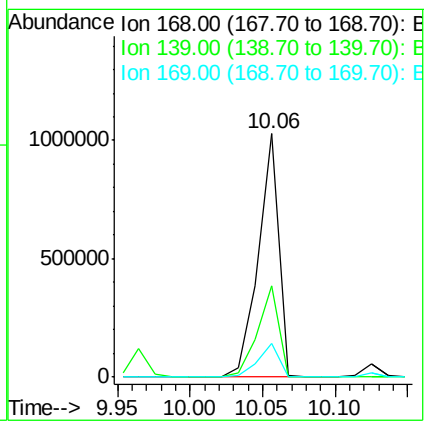
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

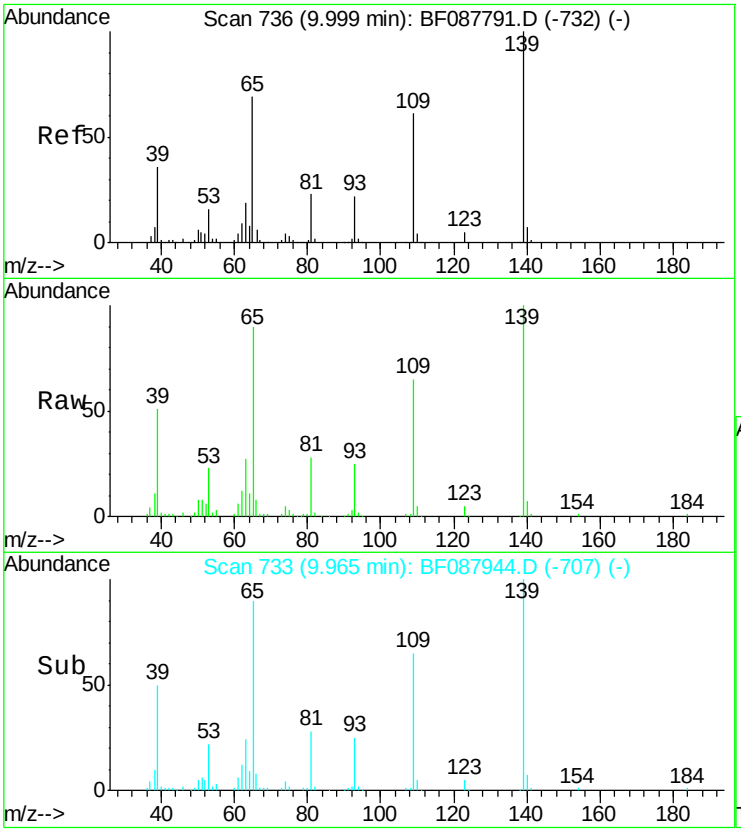


#54
Dibenzofuran
Concen: 45.39 ng
RT: 10.06 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:168 Resp: 1006952

Ion	Ratio	Lower	Upper
168	100		
139	37.7	26.4	39.6
169	13.7	10.4	15.6

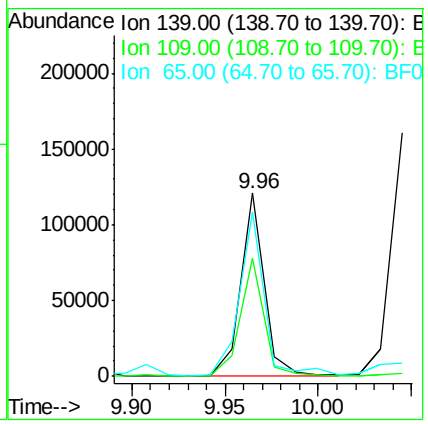




#55
4-Nitrophenol
Concen: 28.76 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

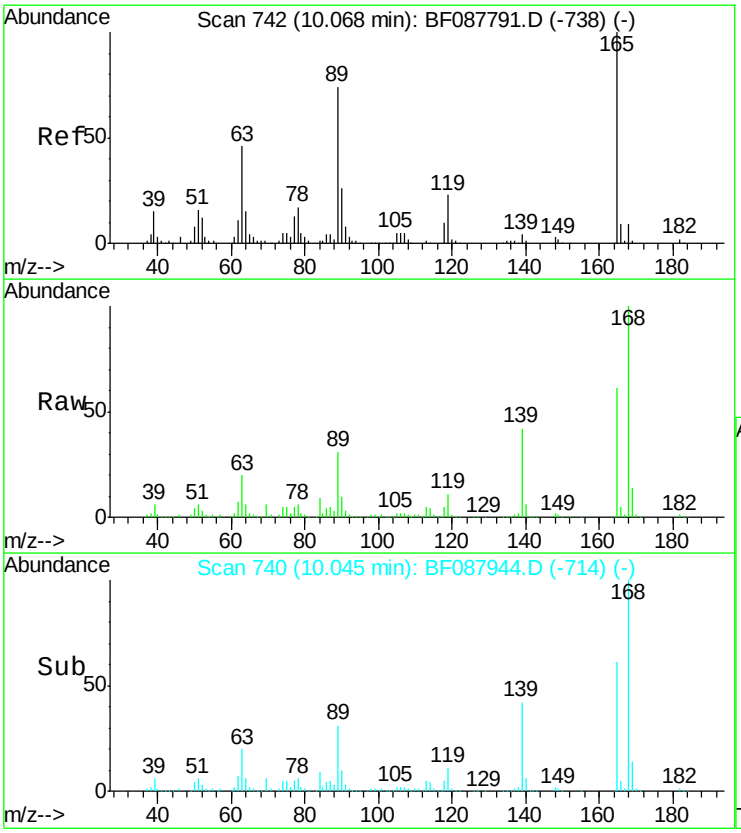
Tgt Ion:139 Resp: 107201

Ion	Ratio	Lower	Upper
139	100		
109	64.9	48.9	88.9
65	89.9	84.9	124.9



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

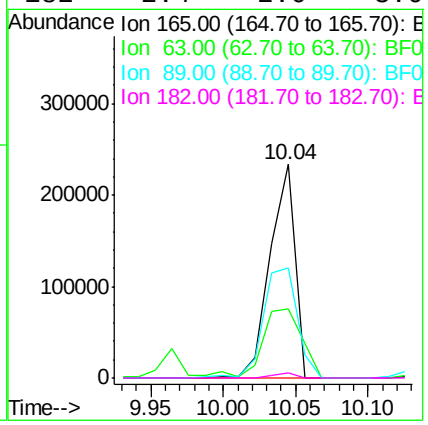
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

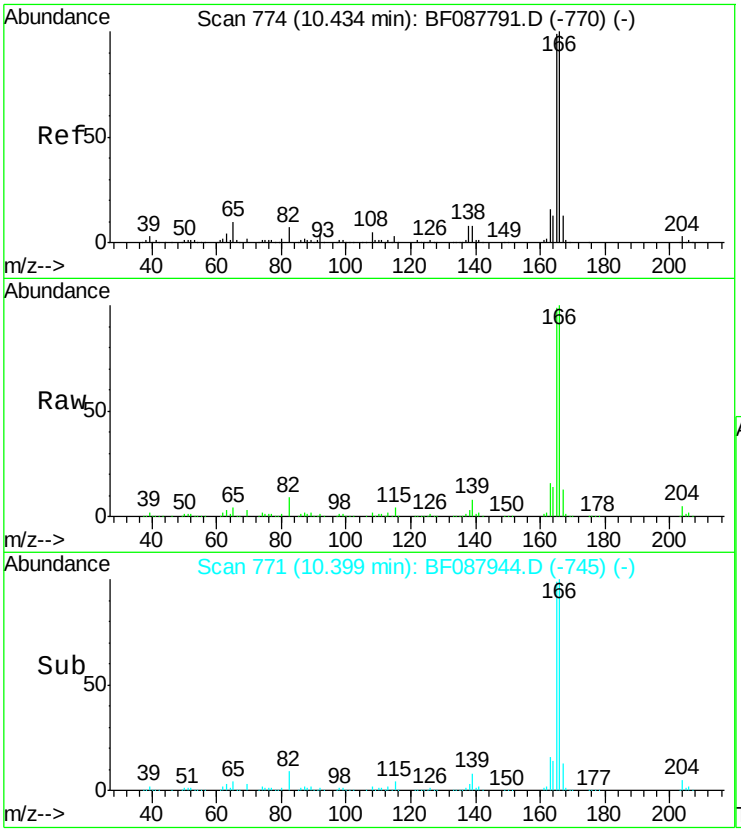


#56
2,4-Dinitrotoluene
Concen: 51.90 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:165 Resp: 277632

Ion	Ratio	Lower	Upper
165	100		
63	32.3	22.0	33.0
89	51.5	41.1	61.7
182	2.4	2.0	3.0

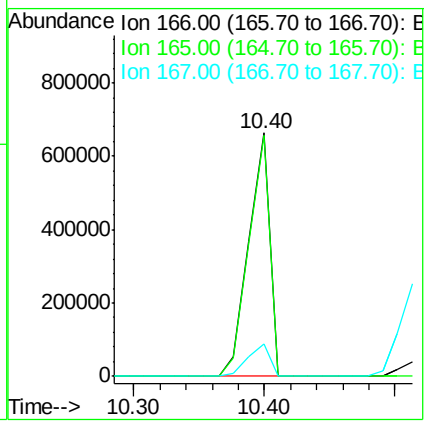




#57
Fluorene
Concen: 50.36 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

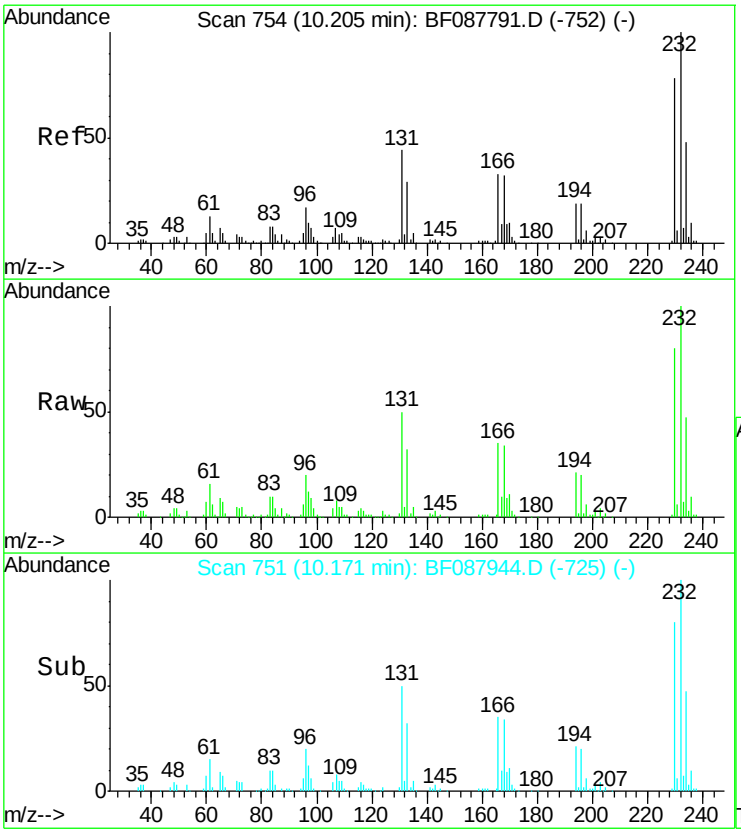
Tgt Ion:166 Resp: 746399

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.8
167	13.1	11.2	16.8



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

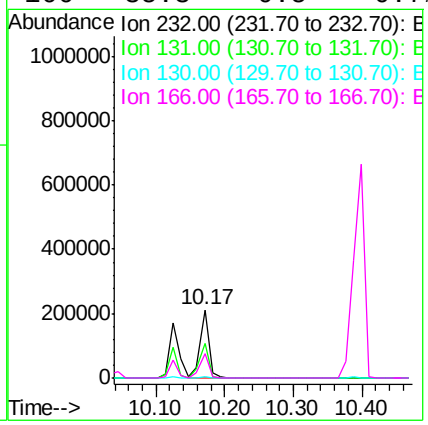
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

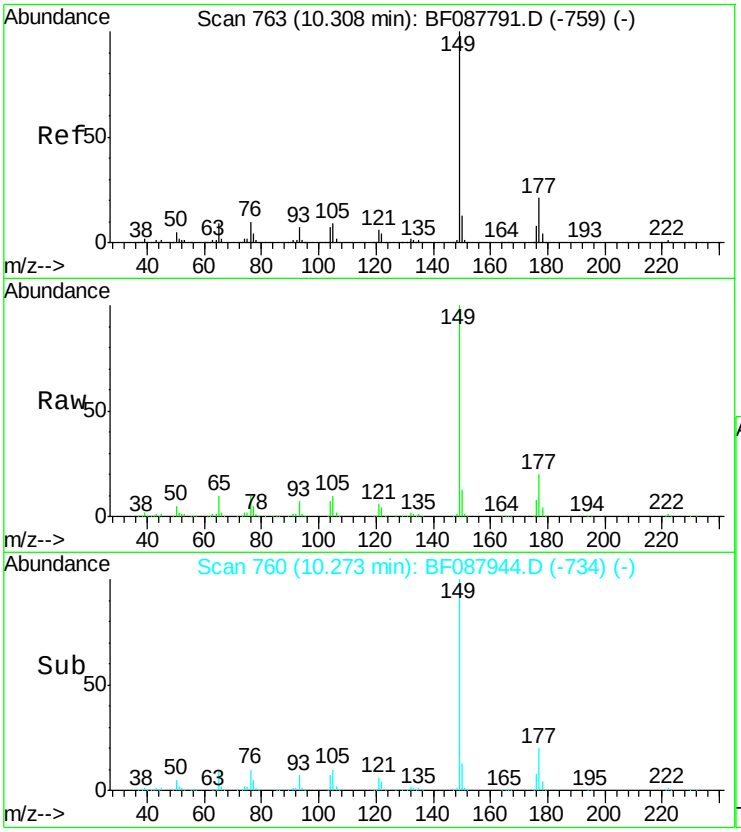


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.17 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:232 Resp: 185277

Ion	Ratio	Lower	Upper
232	100		
131	52.5	0.9	1.3#
130	2.4	1.5	2.3#
166	35.3	0.5	0.7#

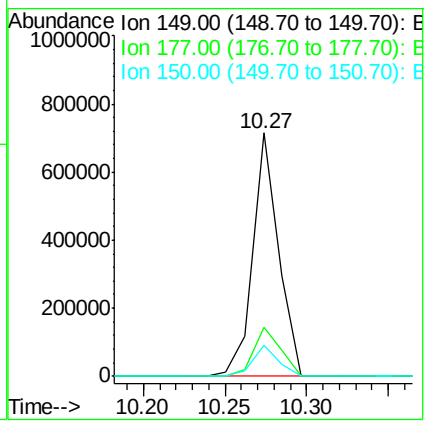




#59
Diethylphthalate
Concen: 42.55 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

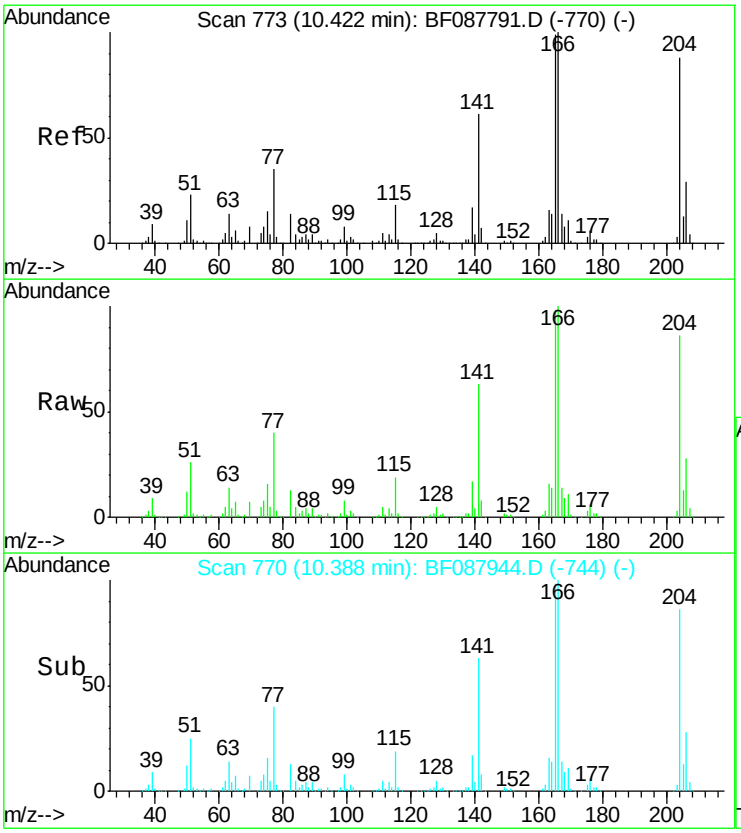
Tgt Ion:149 Resp: 782688

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.9	25.3
150	12.9	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

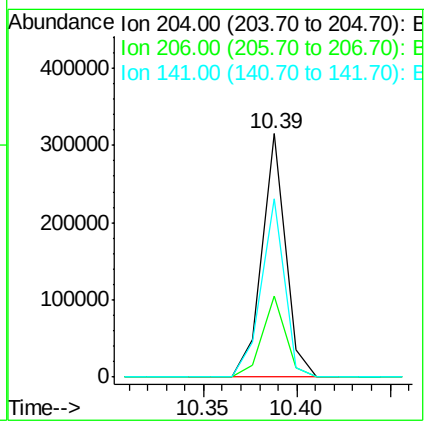
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

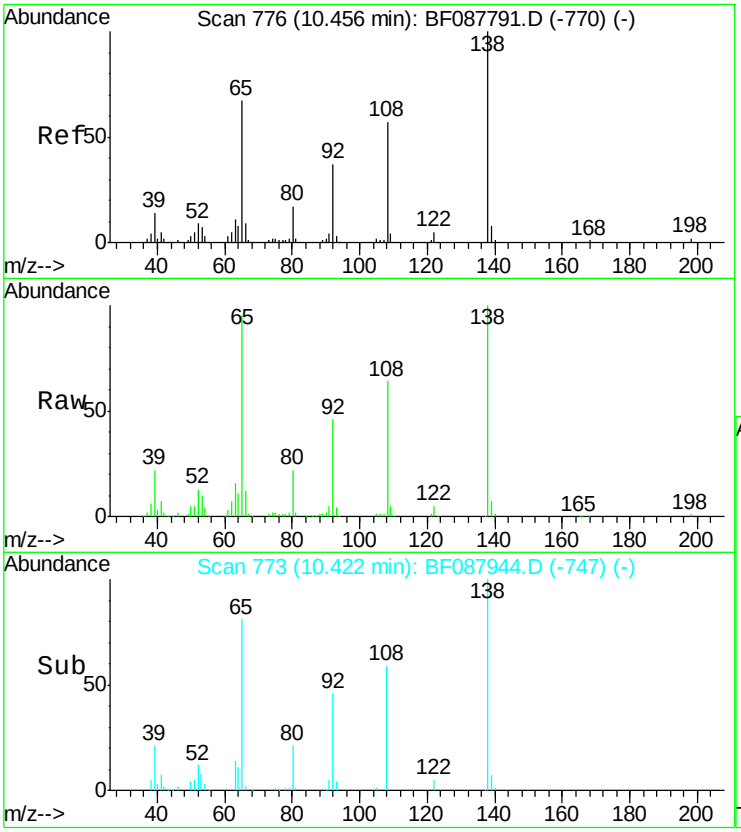


#60
4-Chlorophenyl-phenylether
Concen: 37.22 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:204 Resp: 274632

Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	73.2	55.0	82.6

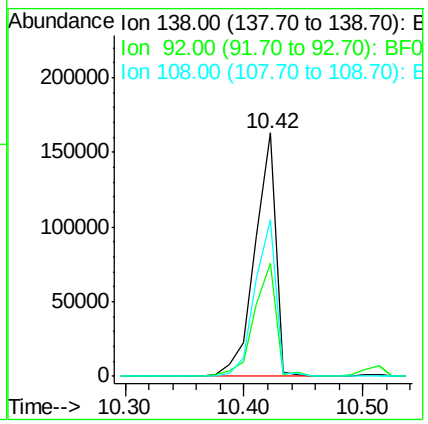




#61
4-Nitroaniline
Concen: 44.18 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

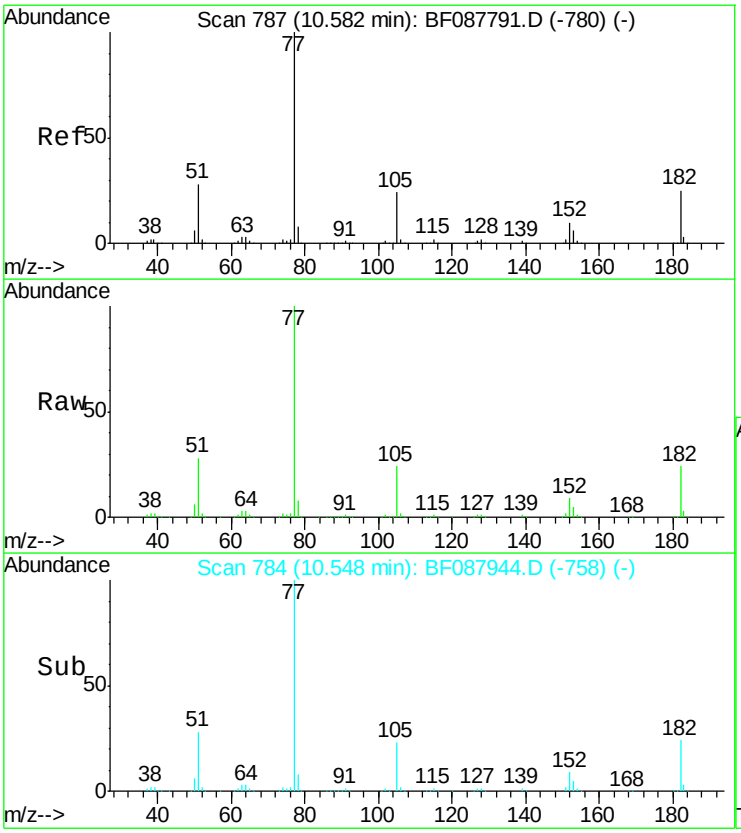
Tgt Ion:138 Resp: 201267

Ion	Ratio	Lower	Upper
138	100		
92	46.3	27.3	67.3
108	64.4	46.7	86.7



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

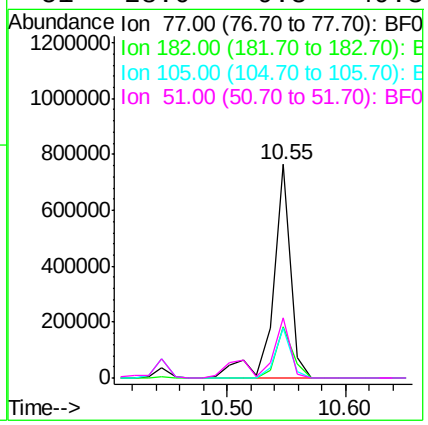
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

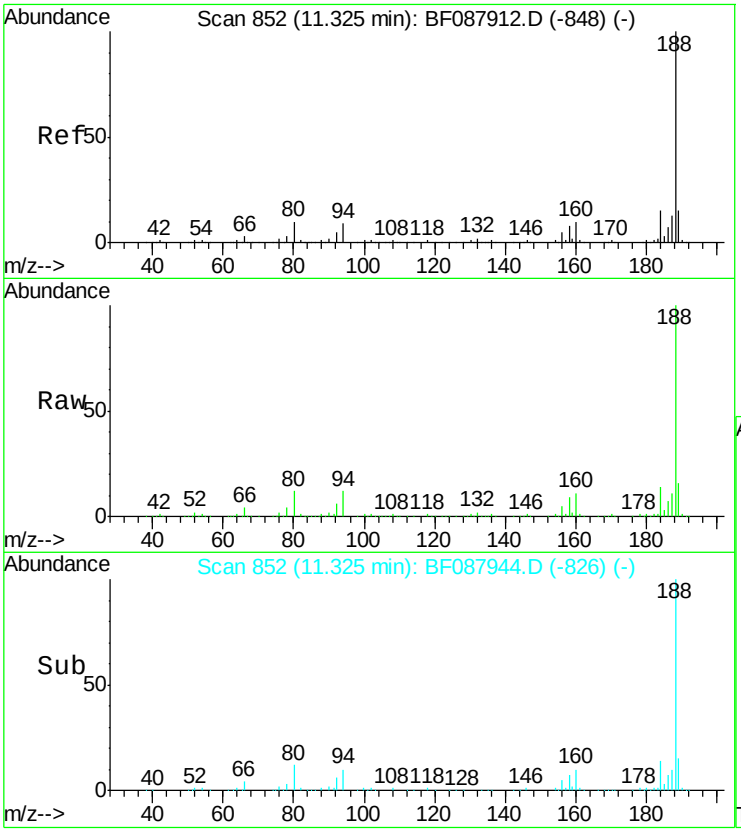


#62
Azobenzene
Concen: 43.00 ng
RT: 10.55 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion: 77 Resp: 782209

Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.4	44.4
105	23.6	3.8	43.8
51	28.0	9.3	49.3

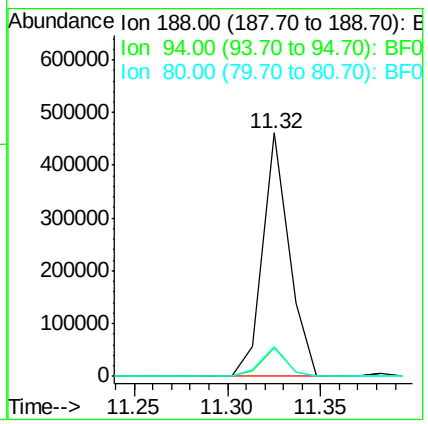




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

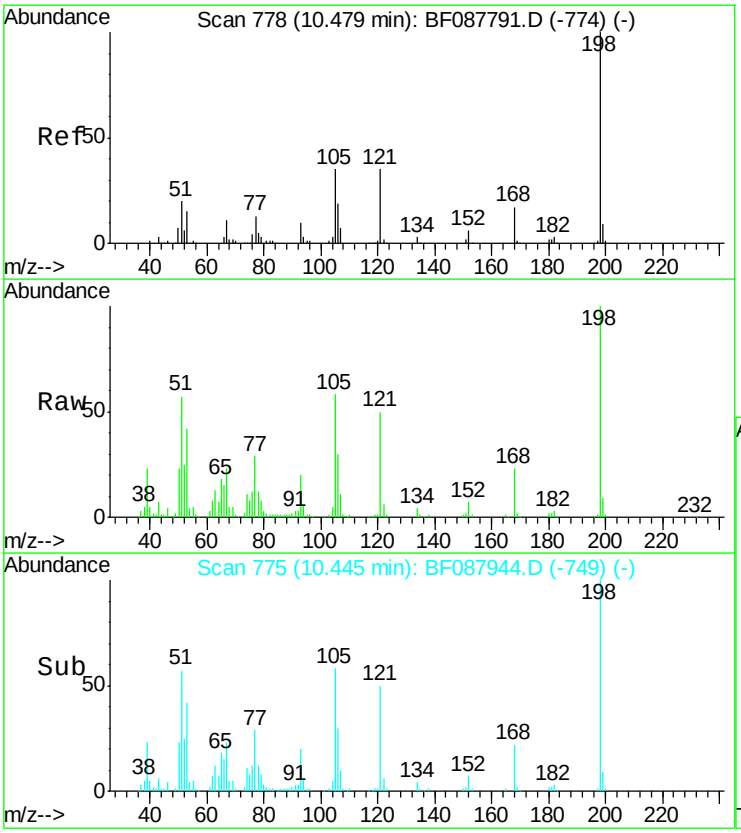
Tgt Ion:188 Resp: 451667

Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.0	13.6
80	12.4	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

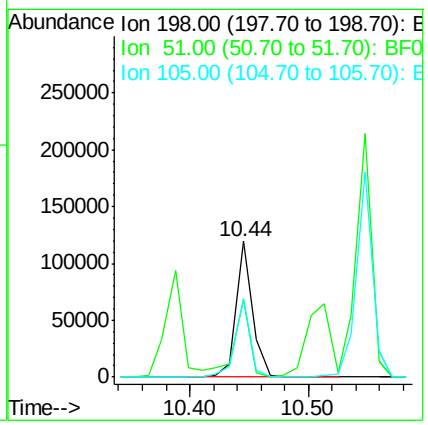
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

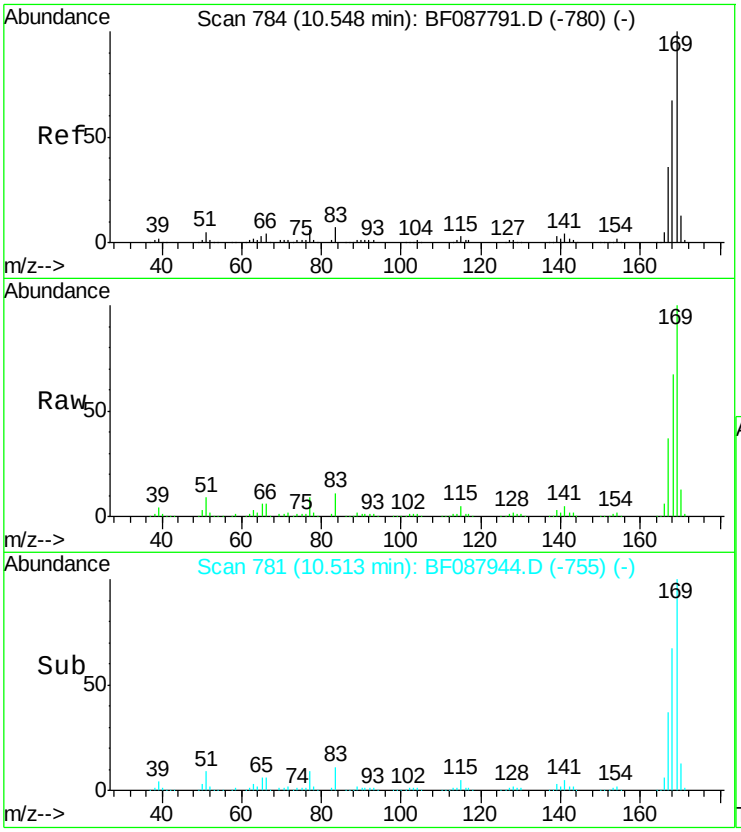


#64
4,6-Dinitro-2-methylphenol
Concen: 41.18 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:198 Resp: 115210

Ion	Ratio	Lower	Upper
198	100		
51	57.0	39.6	79.6
105	58.1	36.6	76.6

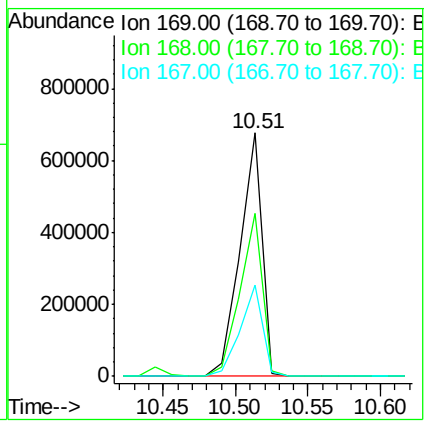




#65
n-Nitrosodiphenylamine
Concen: 47.78 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

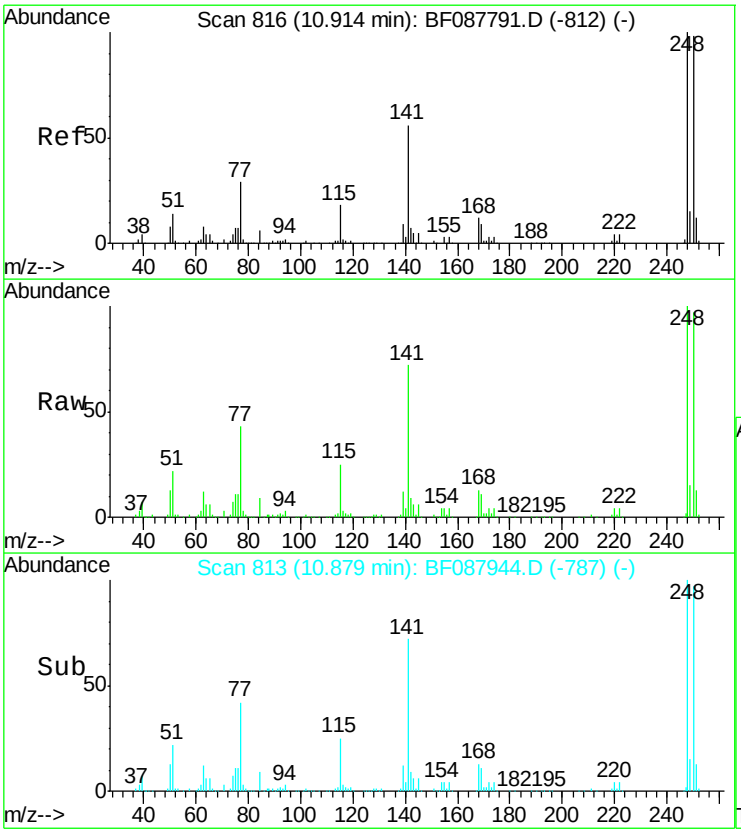
Tgt Ion:169 Resp: 716137

Ion	Ratio	Lower	Upper
169	100		
168	67.1	53.4	80.0
167	37.3	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

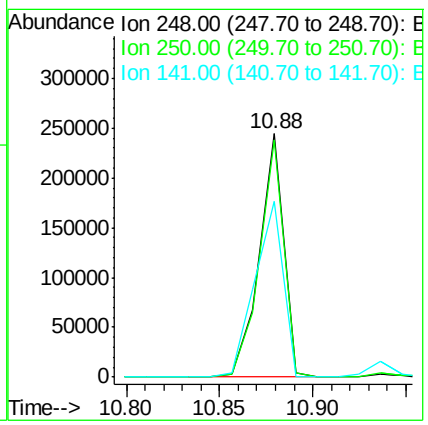
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

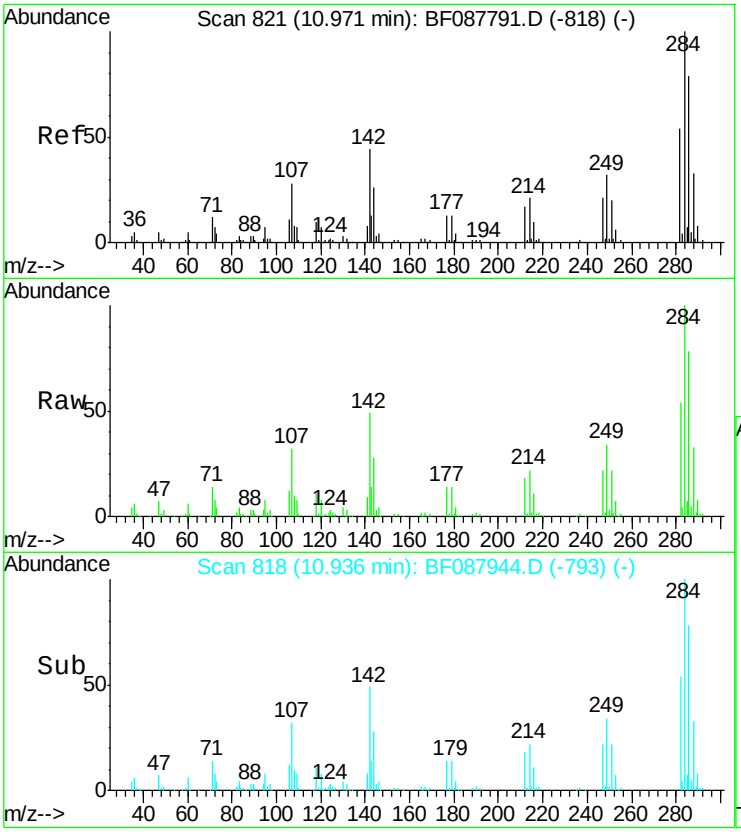


#66
4-Bromophenyl-phenylether
Concen: 45.21 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:248 Resp: 219070

Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.1	115.7
141	72.4	50.6	76.0

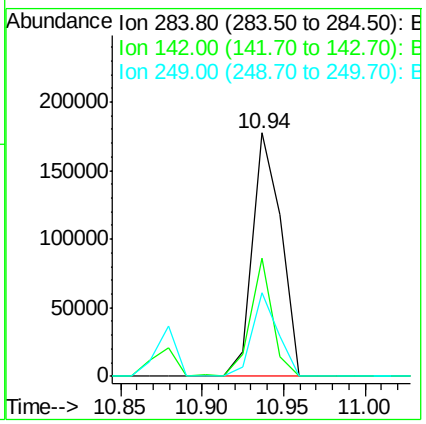




#67
Hexachlorobenzene
Concen: 42.84 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

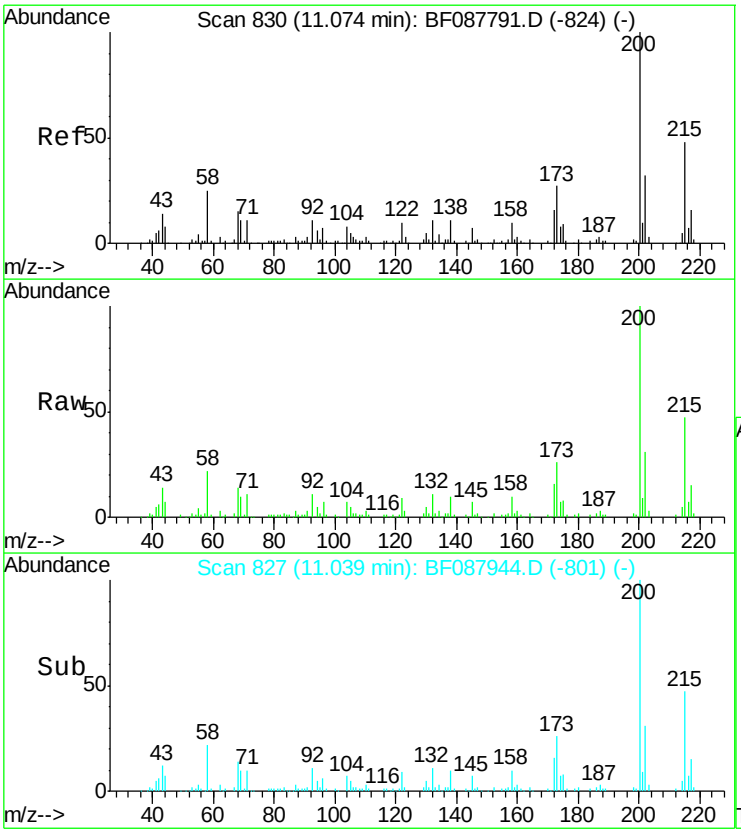
Tgt Ion:284 Resp: 215673

Ion	Ratio	Lower	Upper
284	100		
142	48.5	35.8	53.8
249	34.2	25.8	38.6



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

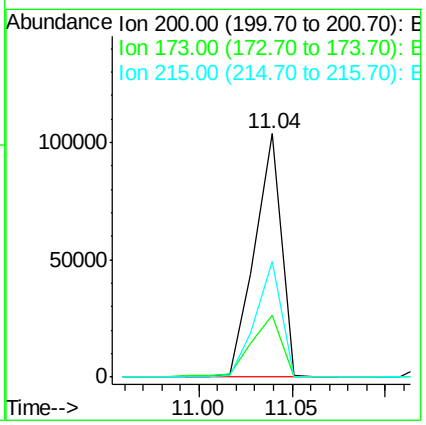
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

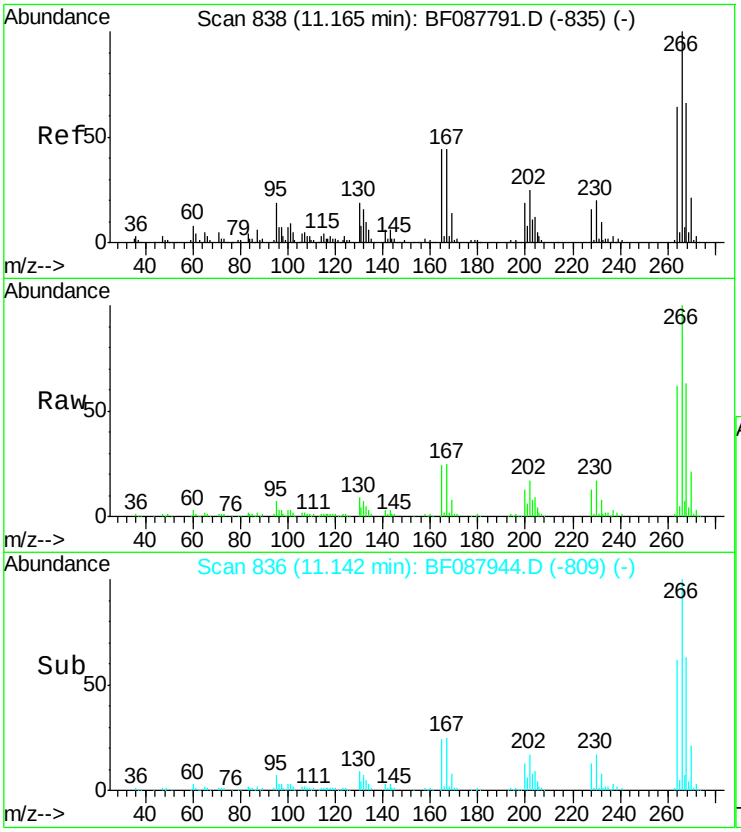


#68
Atrazine
Concen: 22.55 ng
RT: 11.04 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:200 Resp: 102348

Ion	Ratio	Lower	Upper
200	100		
173	25.5	4.0	44.0
215	47.4	29.3	69.3

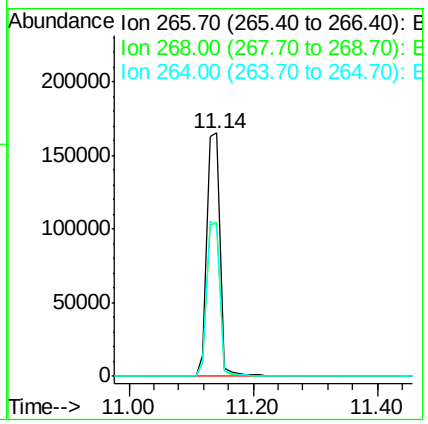




#69
Pentachlorophenol
Concen: 92.84 ng
RT: 11.14 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

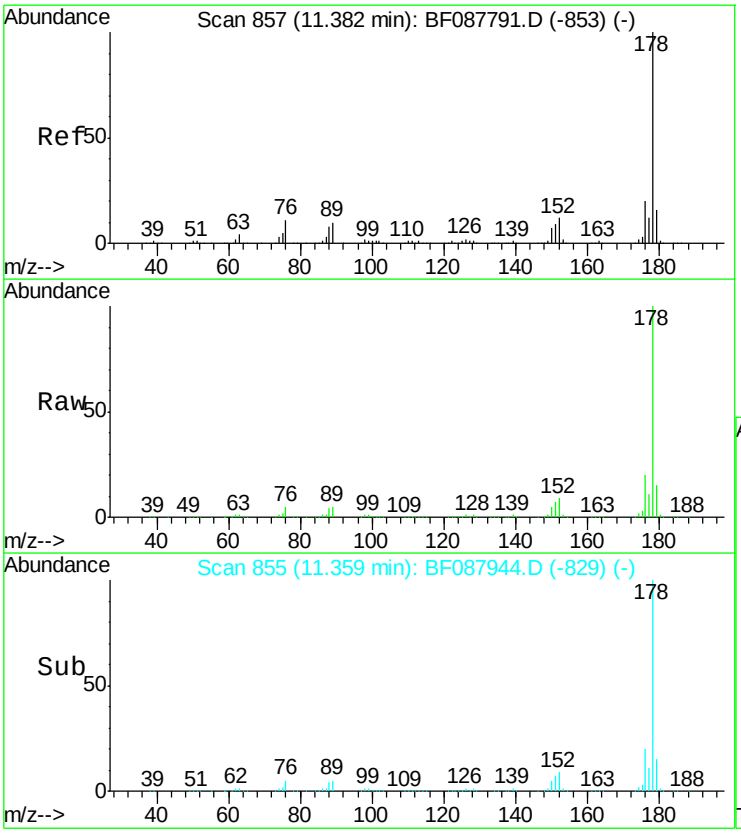
Tgt Ion:266 Resp: 246390

Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.8	79.2
264	61.5	49.6	74.4



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

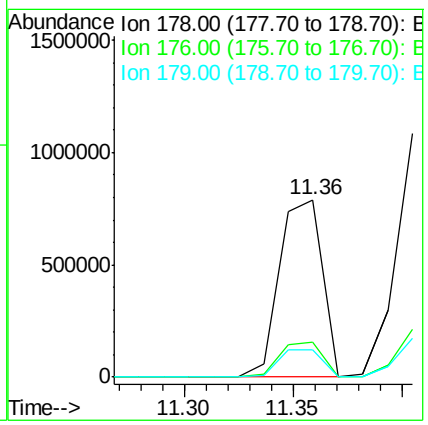
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

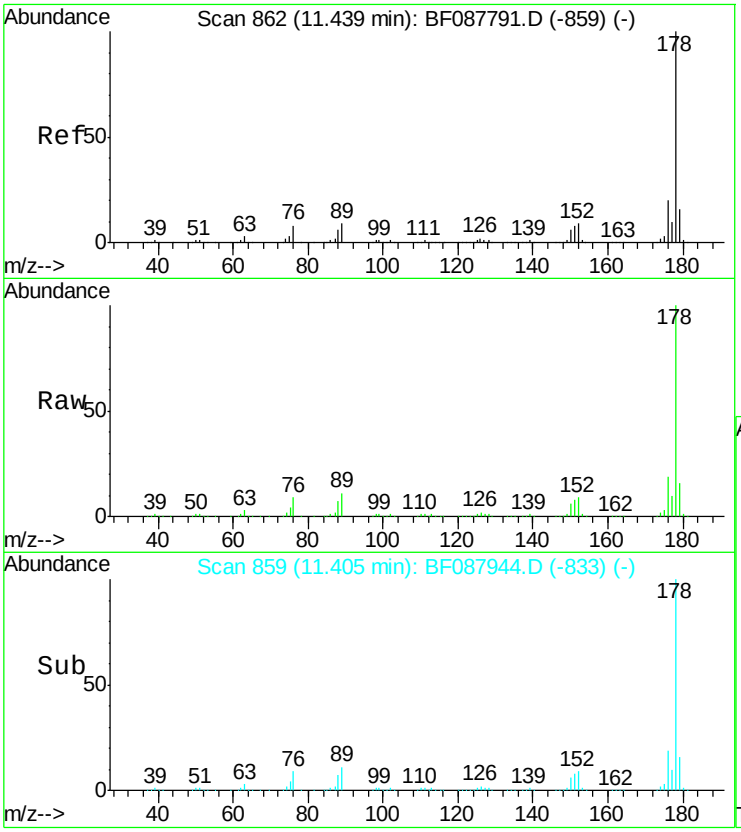


#70
Phenanthrene
Concen: 46.03 ng
RT: 11.36 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:178 Resp: 1090990

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.3	13.0	19.4

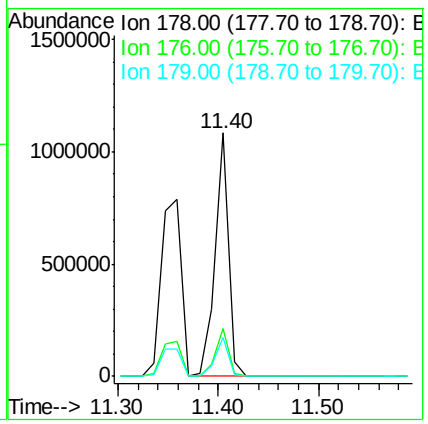




#71
Anthracene
Concen: 41.94 ng
RT: 11.40 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

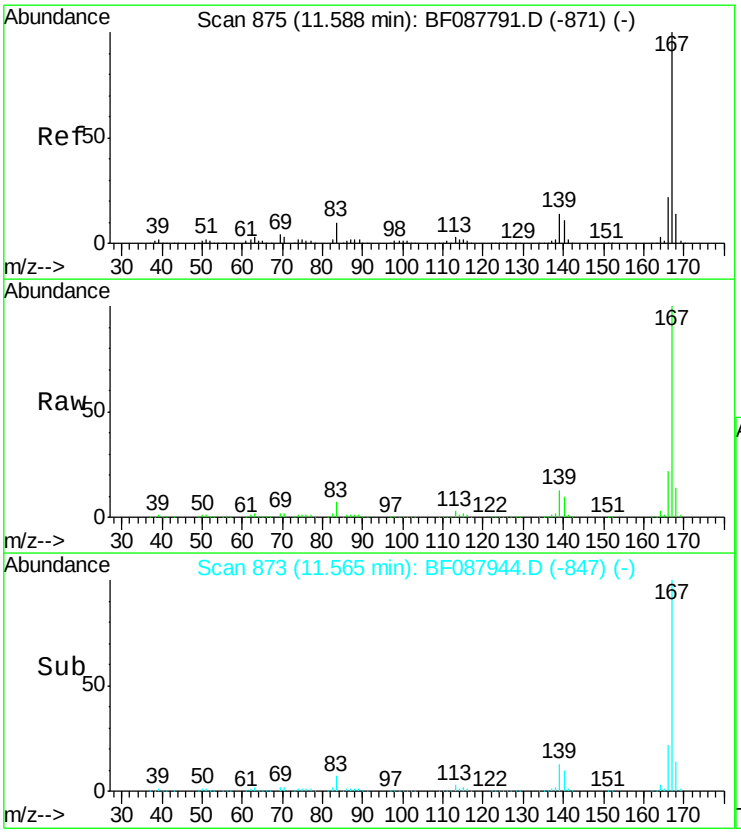
Tgt Ion:178 Resp: 1002682

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.0	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

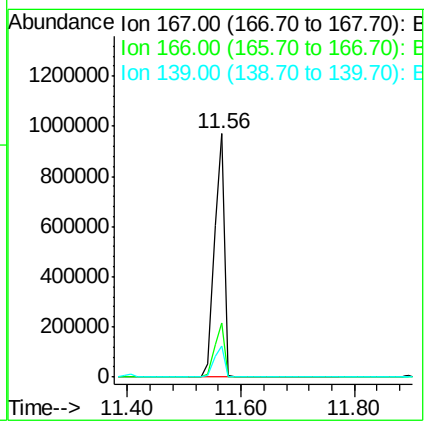
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

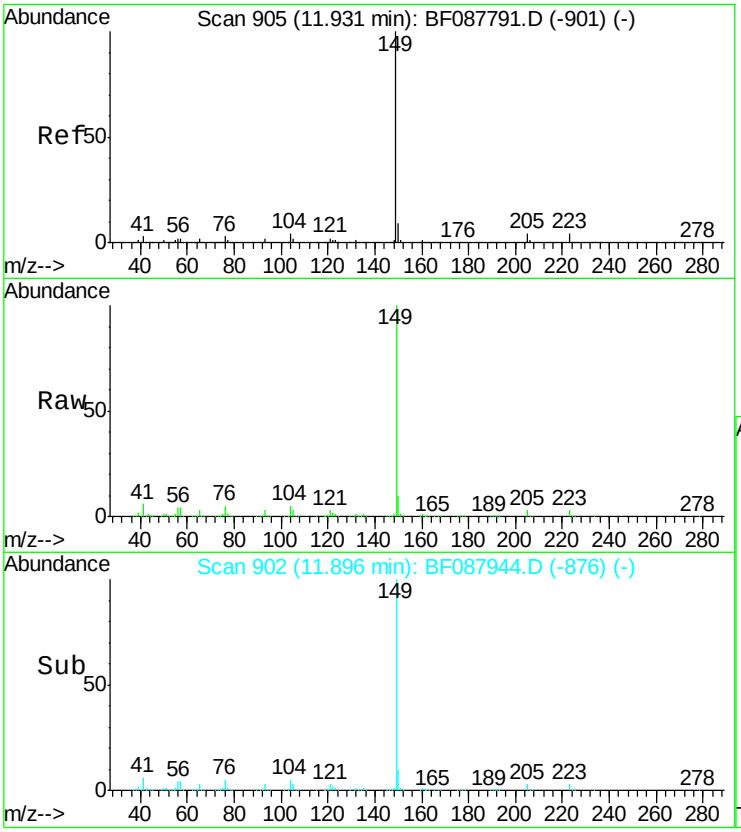


#72
Carbazole
Concen: 50.59 ng
RT: 11.56 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:167 Resp: 1131704

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	12.9	11.2	16.8

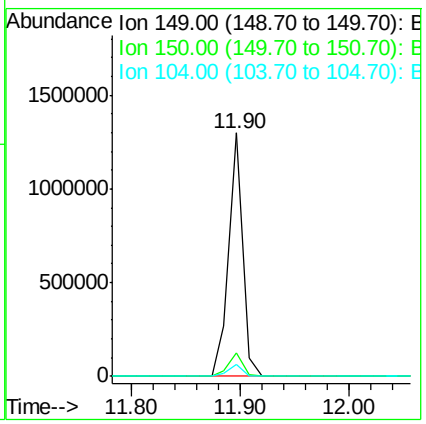




#73
Di-n-butylphthalate
Concen: 40.50 ng
RT: 11.90 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

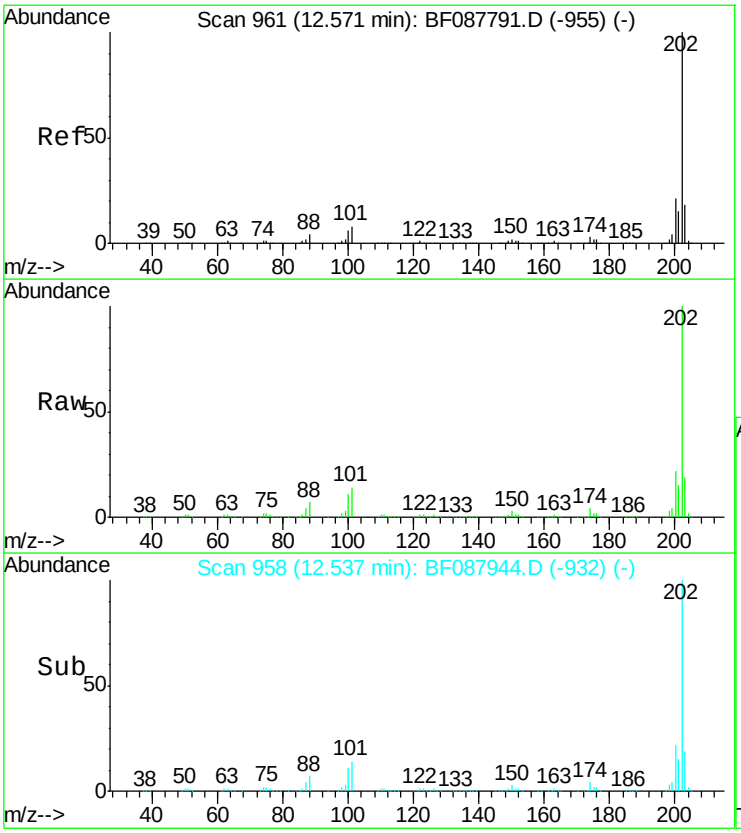
Tgt Ion:149 Resp: 1146872

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

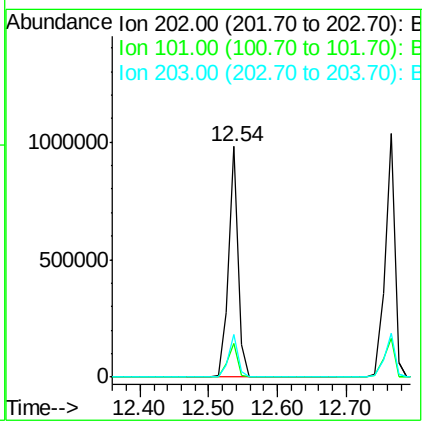
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

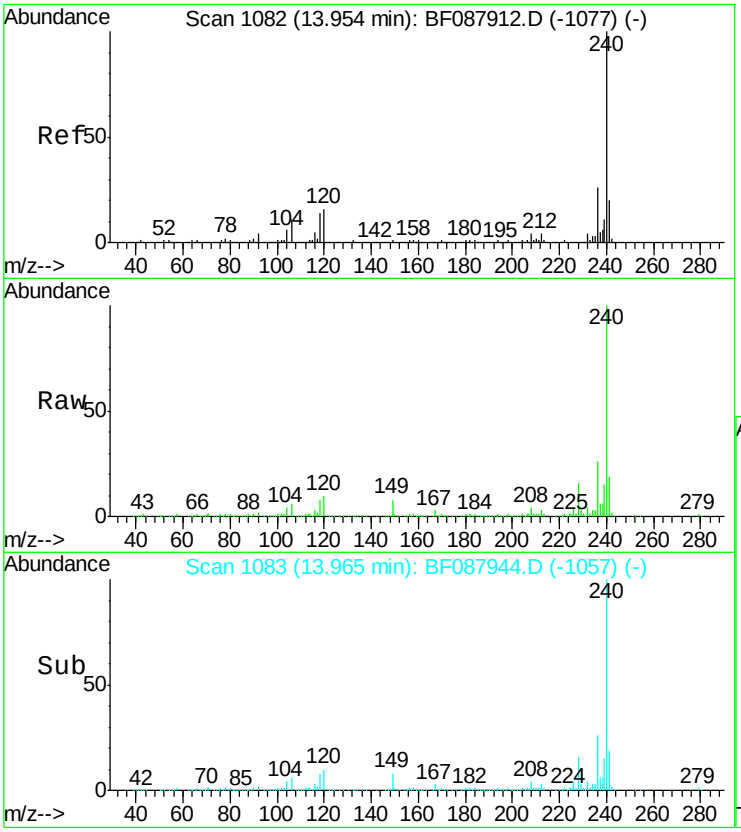


#74
Fluoranthene
Concen: 38.65 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:202 Resp: 966816

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.1
203	18.5	0.0	38.1

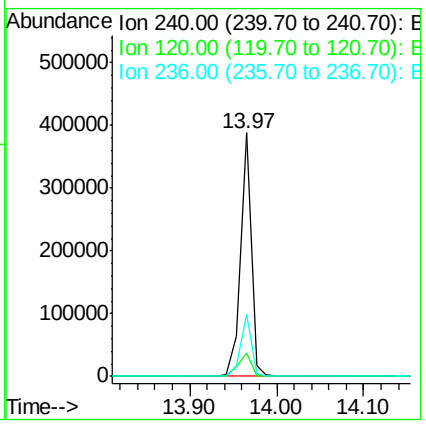




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

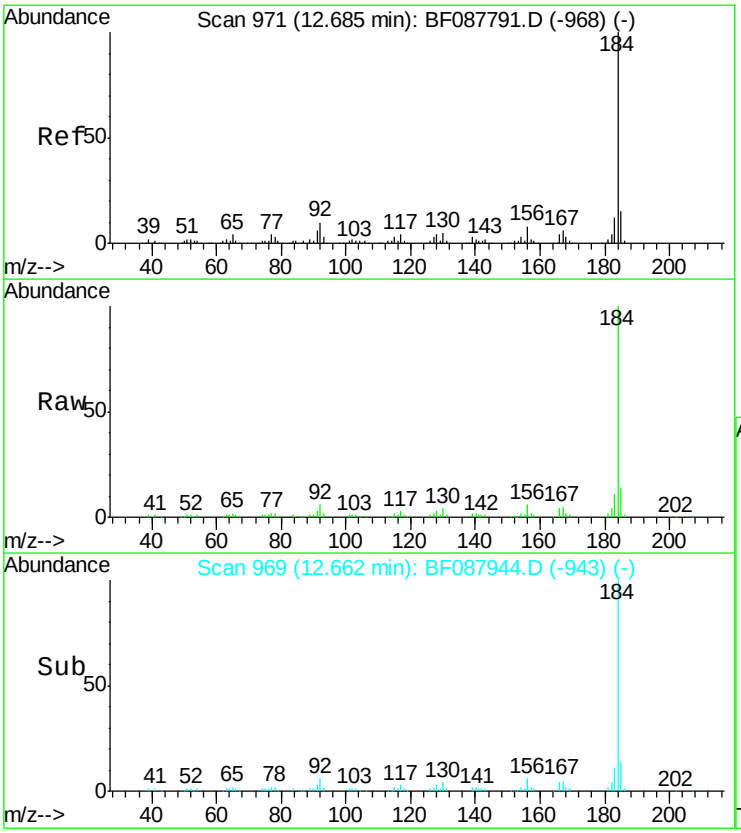
Tgt Ion:240 Resp: 328211

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.8	10.2
236	25.5	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

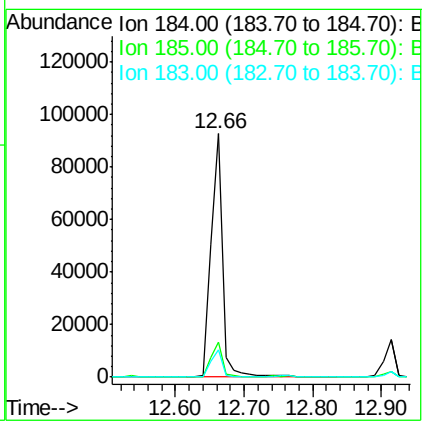
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

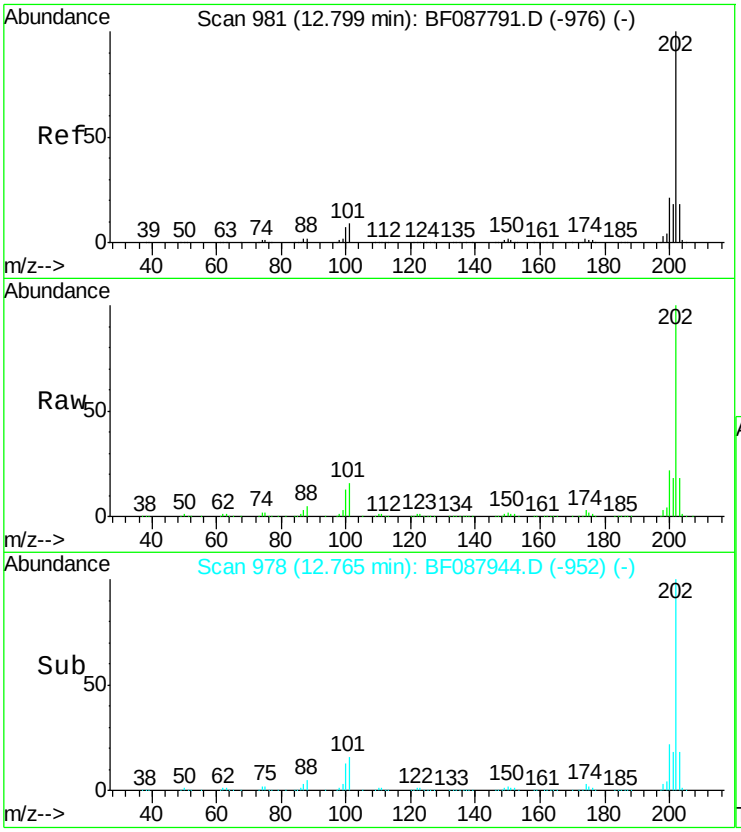


#76
Benzidine
Concen: 12.10 ng
RT: 12.66 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:184 Resp: 109995

Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.5	18.7
183	11.1	9.3	13.9

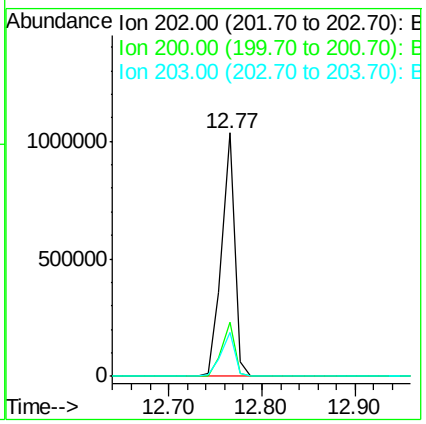




#77
Pyrene
Concen: 41.72 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

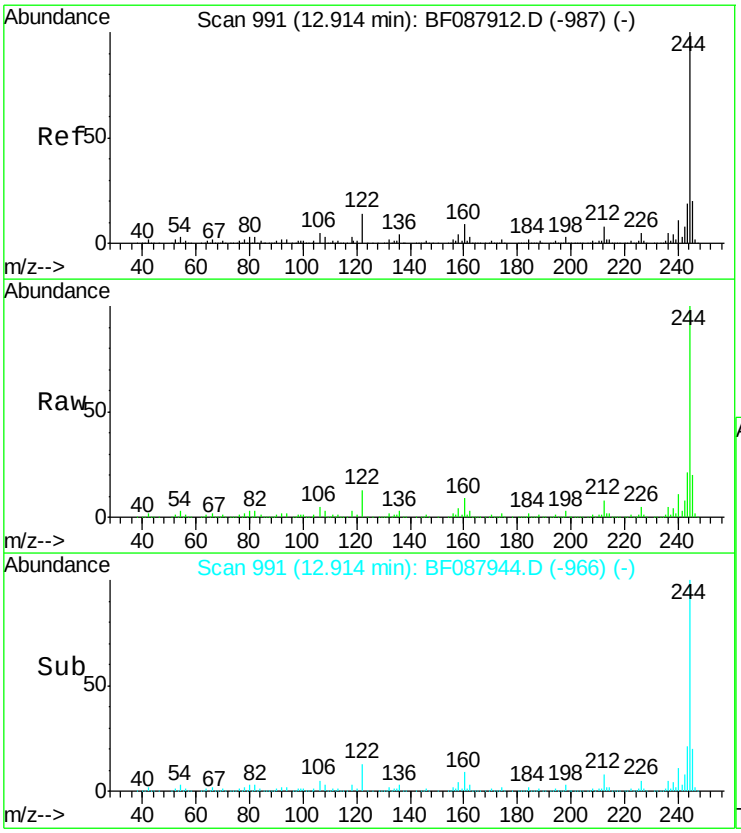
Tgt Ion:202 Resp: 1016223

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.4	26.2
203	18.1	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

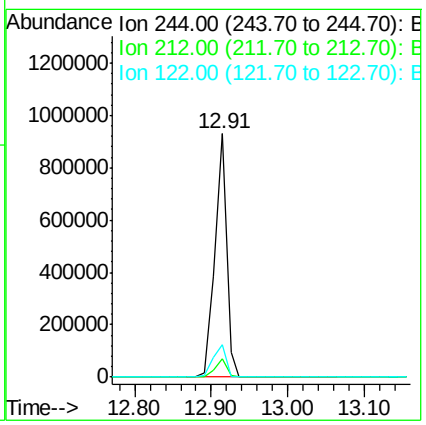
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

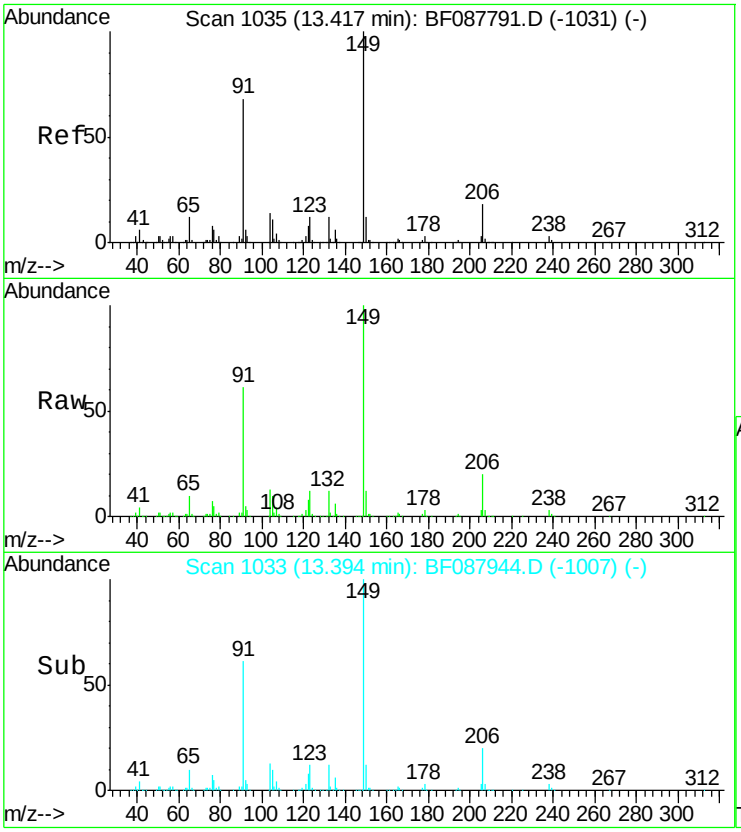


#78
Terphenyl-d14
Concen: 68.13 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:244 Resp: 982643

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.2	11.2	16.8

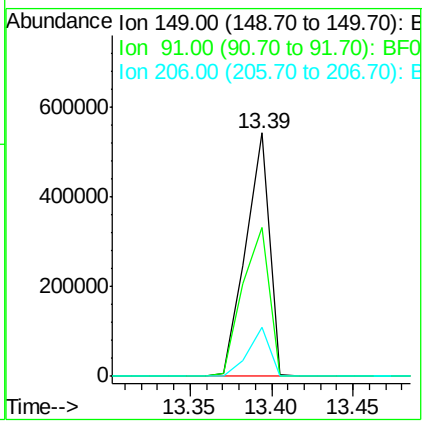




#79
Butylbenzylphthalate
Concen: 51.08 ng
RT: 13.39 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

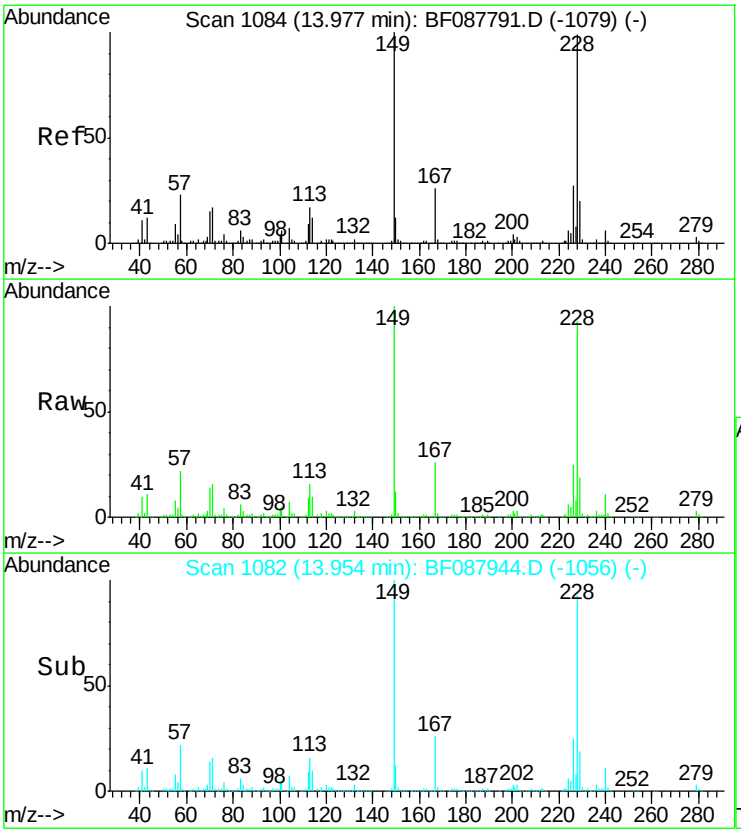
Tgt Ion:149 Resp: 550024

Ion	Ratio	Lower	Upper
149	100		
91	61.0	48.0	72.0
206	20.2	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

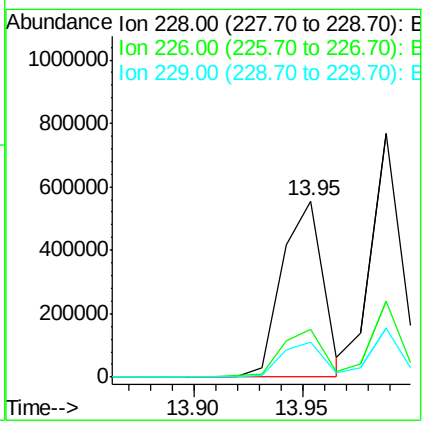
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

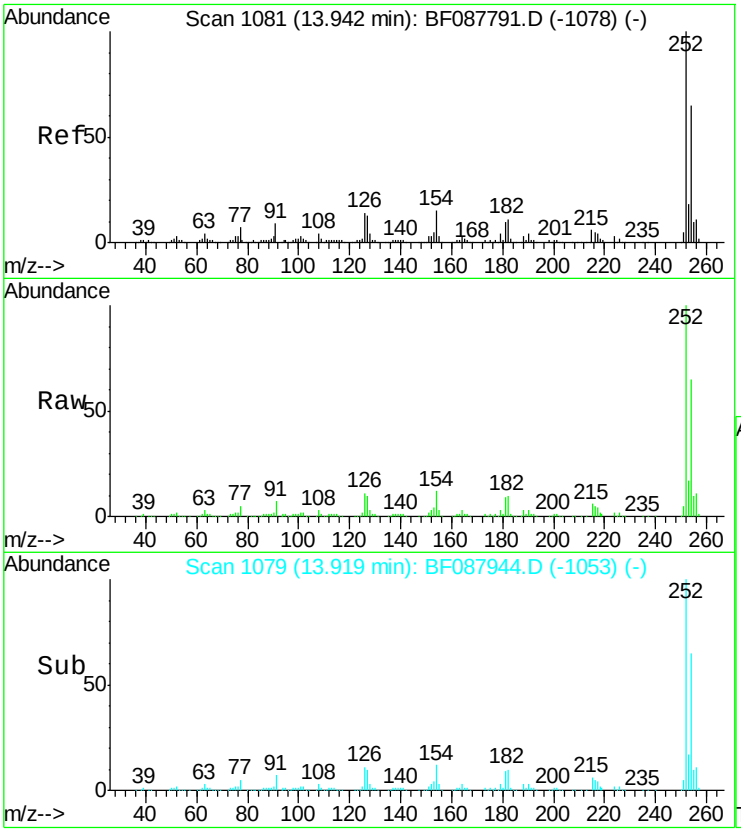


#80
Benzo(a)anthracene
Concen: 39.06 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:228 Resp: 730485

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	19.9	16.0	24.0

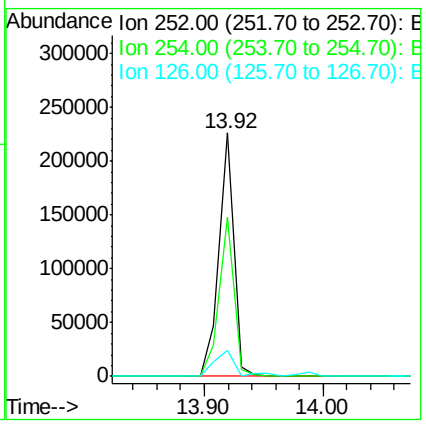




#81
3,3'-Dichlorobenzidine
Concen: 38.93 ng
RT: 13.92 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

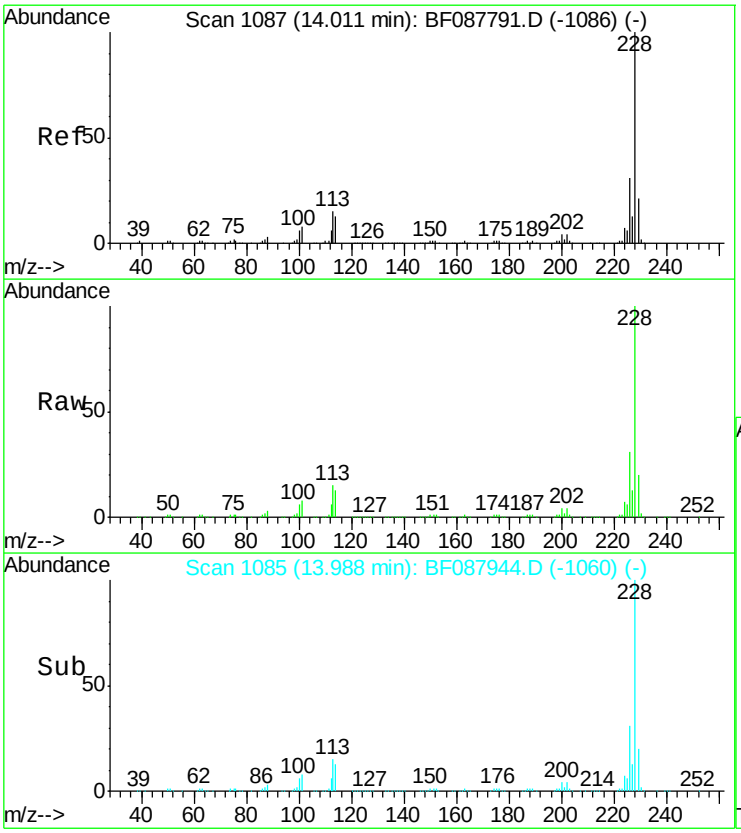
Tgt Ion:252 Resp: 195815

Ion	Ratio	Lower	Upper
252	100		
254	65.3	52.6	78.8
126	10.8	6.2	9.2#



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

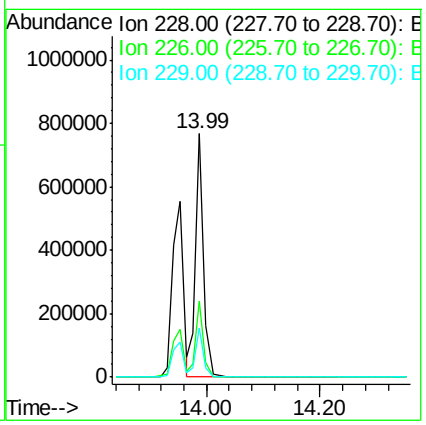
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

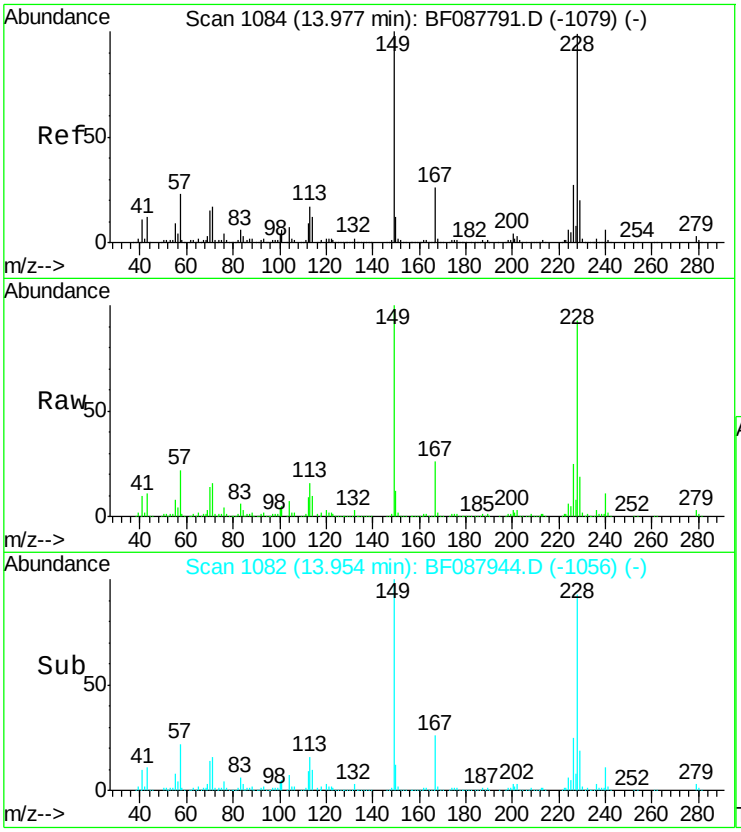


#82
Chrysene
Concen: 42.78 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:228 Resp: 752845

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.2
229	20.3	16.3	24.5





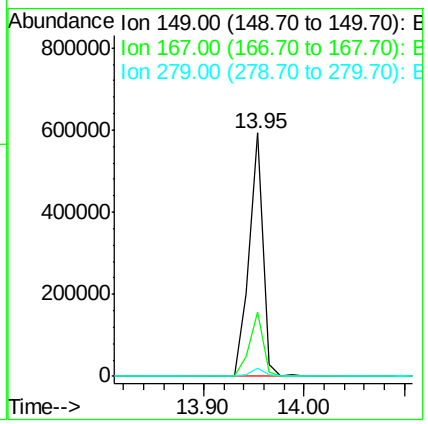
#83
Bis(2-ethylhexyl)phthalate
Concen: 43.65 ng
RT: 13.95 min Scan# 1082
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

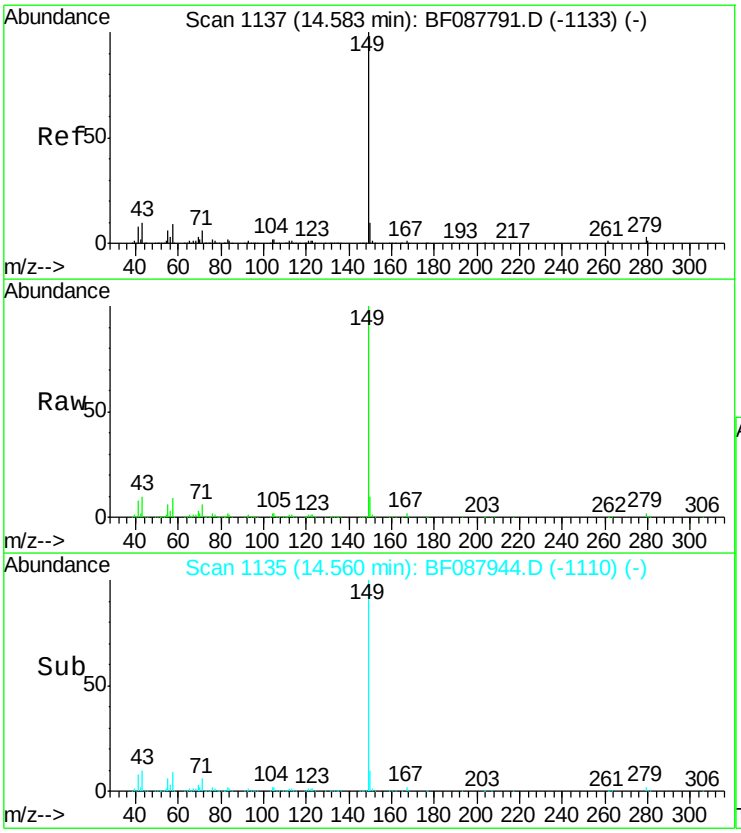
Tgt Ion:149 Resp: 572204

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.5	30.7
279	3.4	2.0	3.0#

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

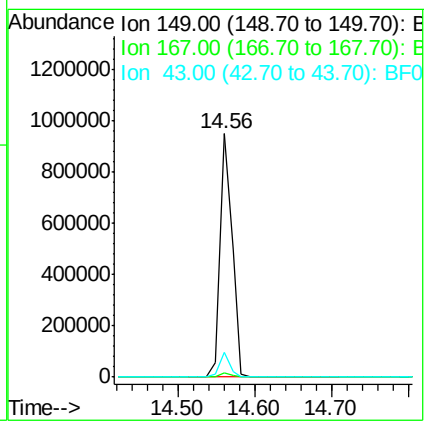


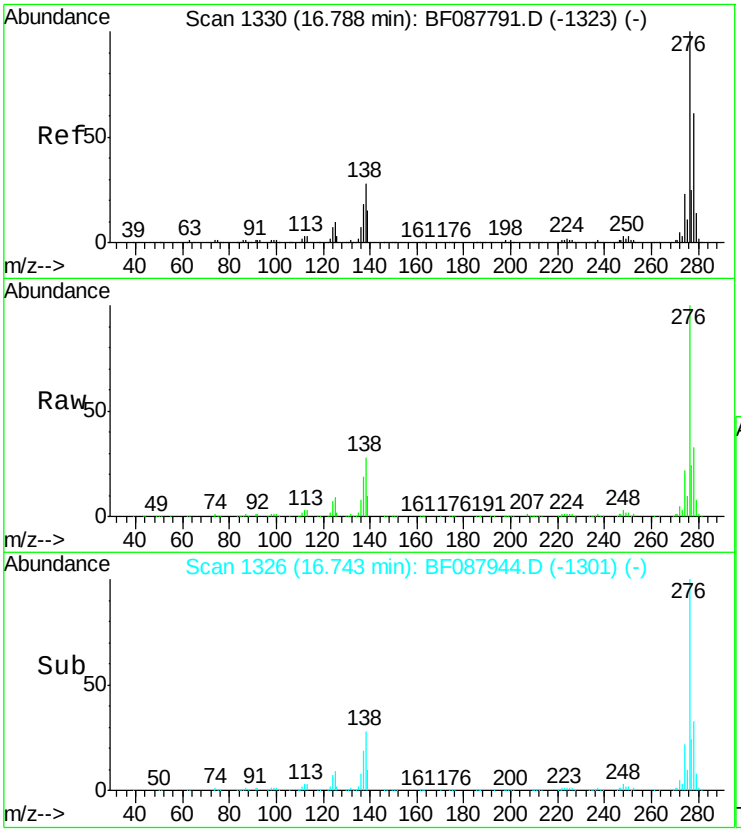


#84
Di-n-octyl phthalate
Concen: 49.18 ng
RT: 14.56 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:149 Resp: 1047446

Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.5	0.0	0.0#





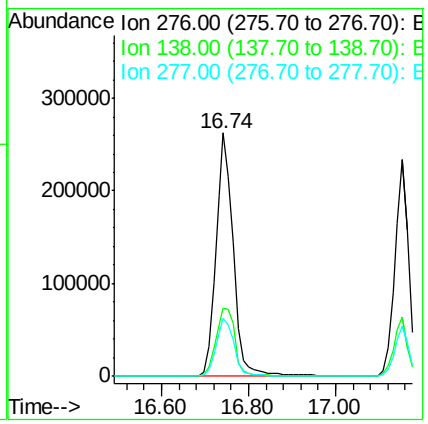
#85
Indeno(1,2,3-cd)pyrene
Concen: 45.28 ng
RT: 16.74 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

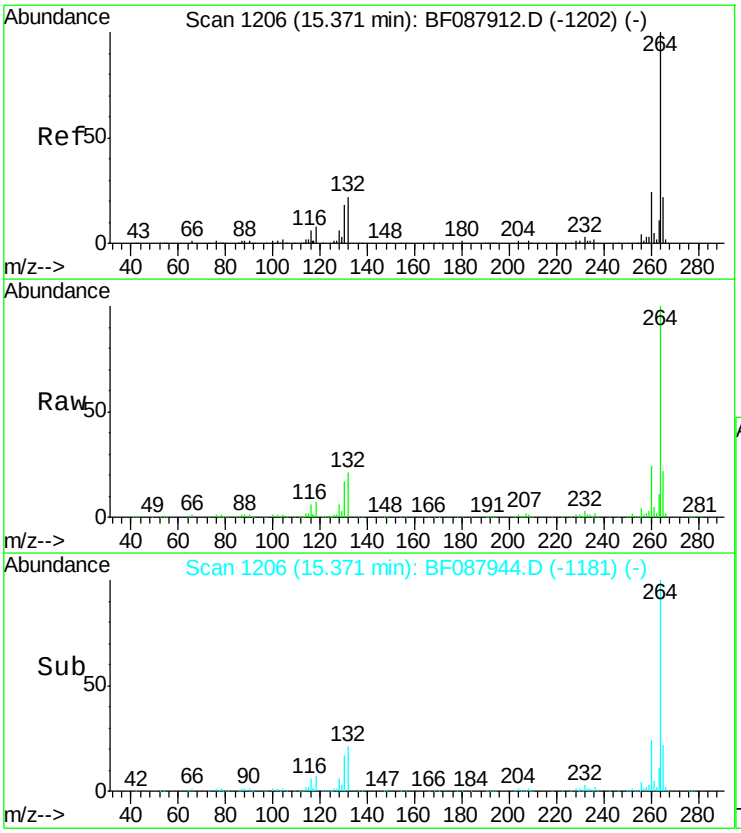
Tgt Ion:276 Resp: 740266

Ion	Ratio	Lower	Upper
276	100		
138	31.2	0.0	0.0#
277	25.0	0.0	0.0#

Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

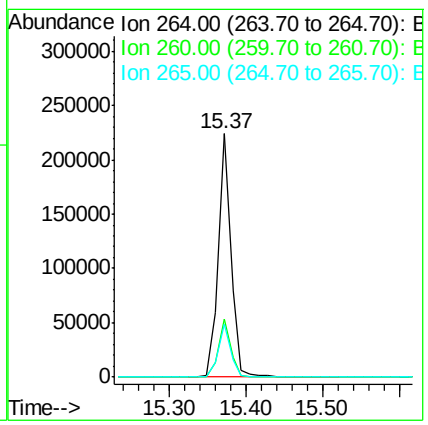


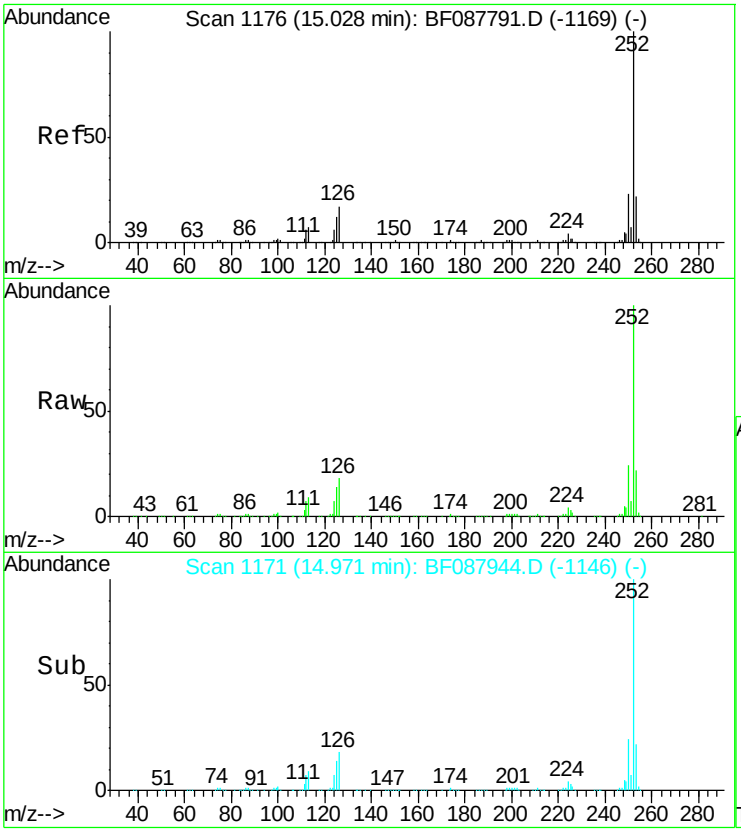


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:264 Resp: 259517

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	16.9	25.3

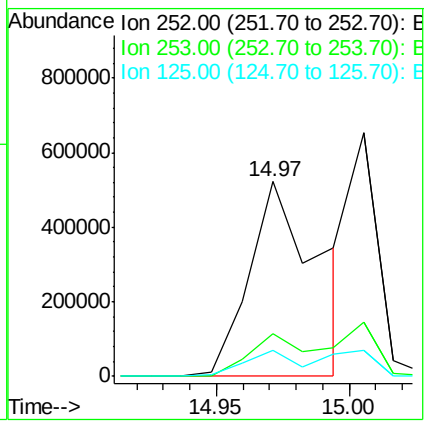




#87
Benzo(b)fluoranthene
Concen: 52.37 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

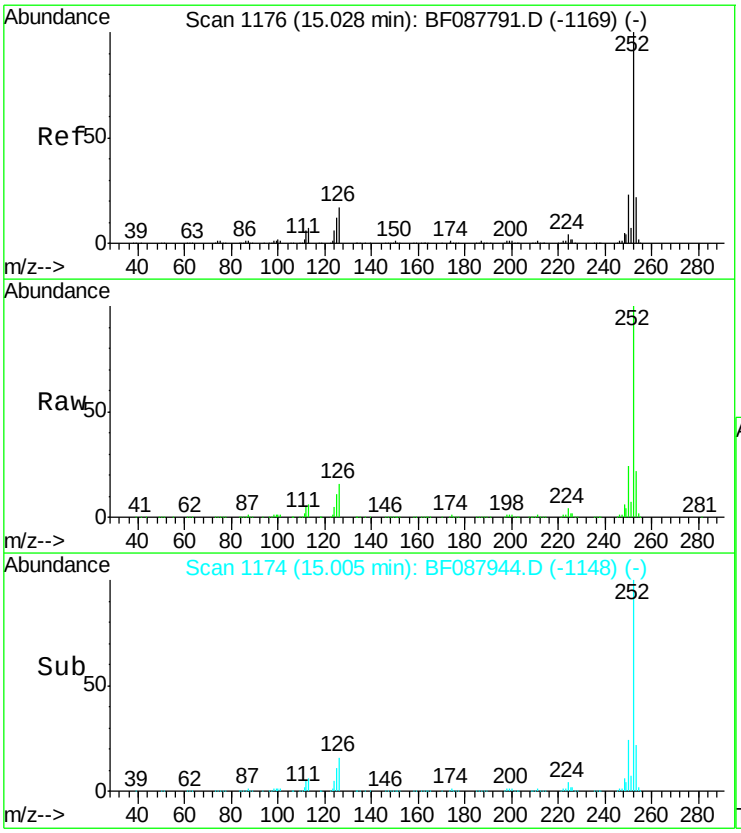
Tgt Ion:252 Resp: 947249

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	13.6	7.1	10.7#



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

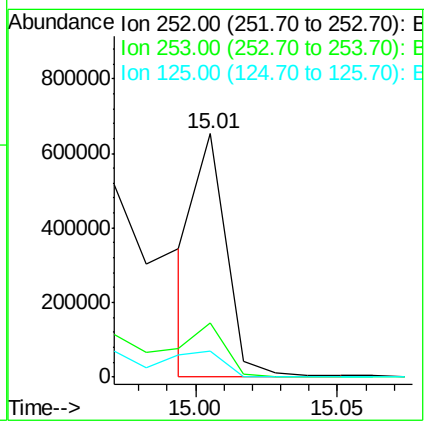
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

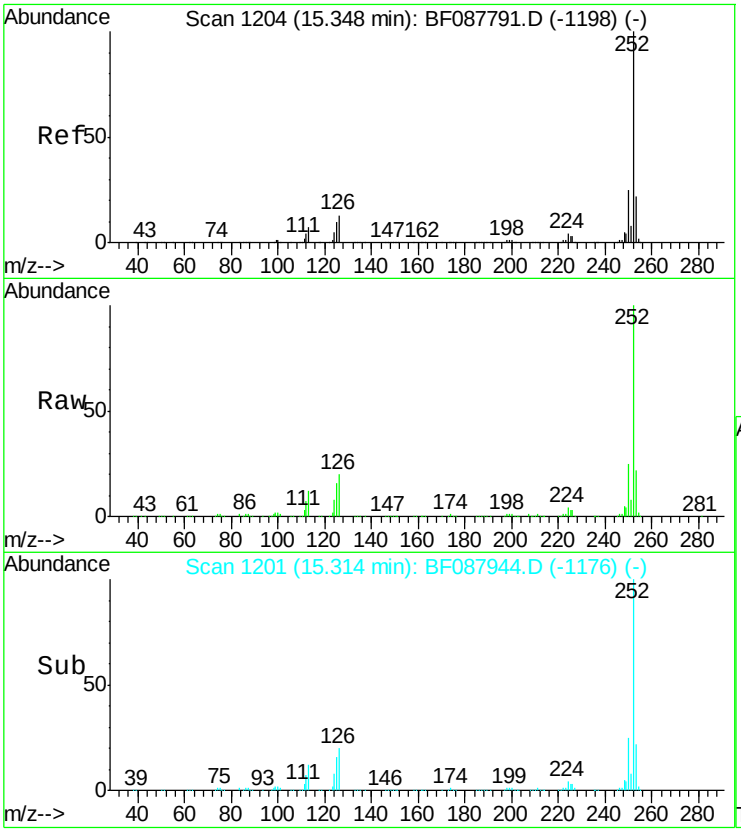


#88
Benzo(k)fluoranthene
Concen: 35.88 ng m
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:252 Resp: 489512

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.5	11.2	16.8#

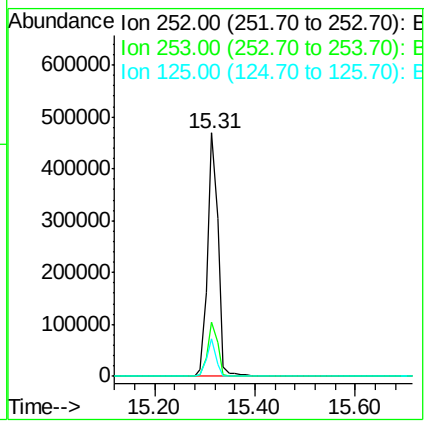




#89
Benzo(a)pyrene
Concen: 46.37 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

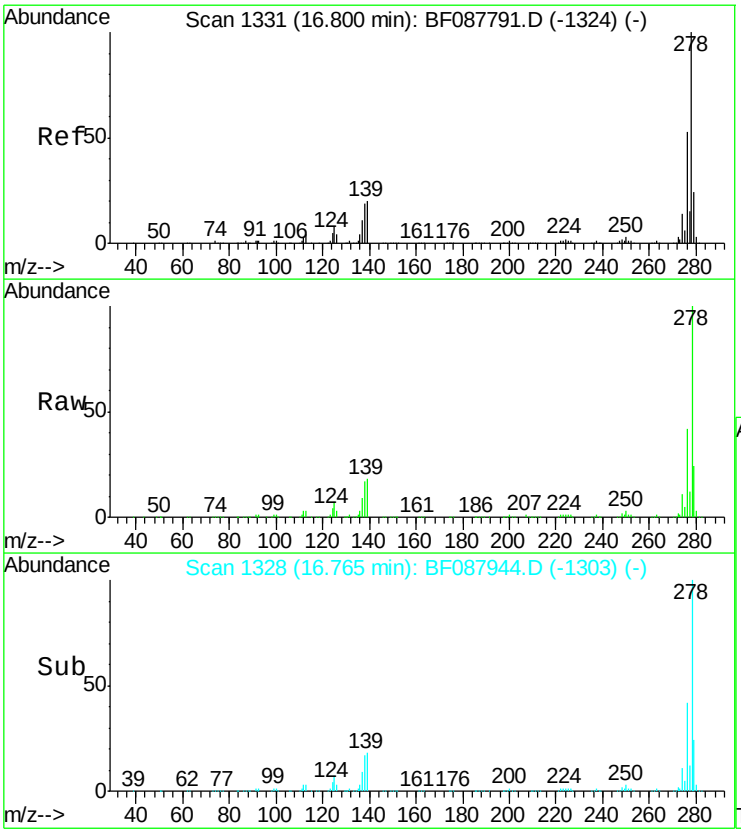
Tgt Ion:252 Resp: 678596

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	15.5	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

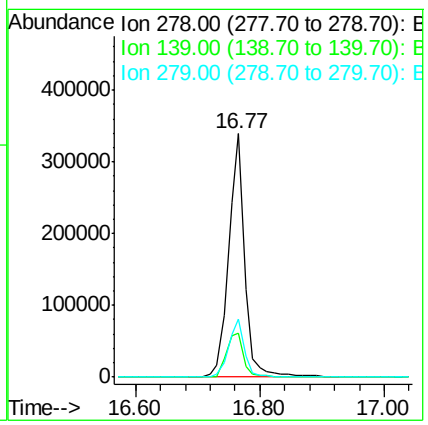
Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM

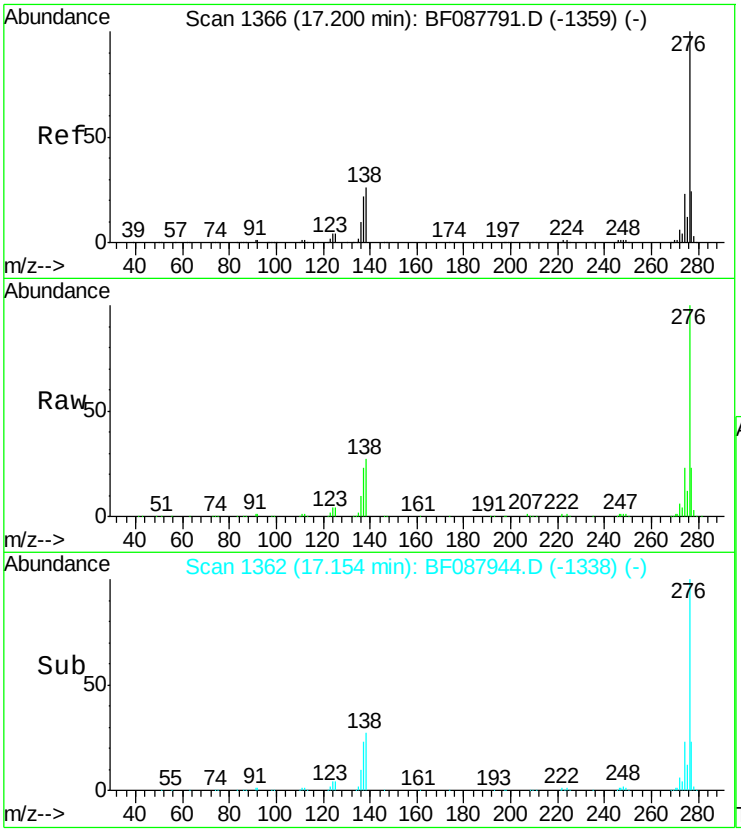


#90
Dibenzo(a,h)anthracene
Concen: 44.70 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:278 Resp: 607626

Ion	Ratio	Lower	Upper
278	100		
139	18.3	15.7	23.5
279	23.9	19.4	29.2

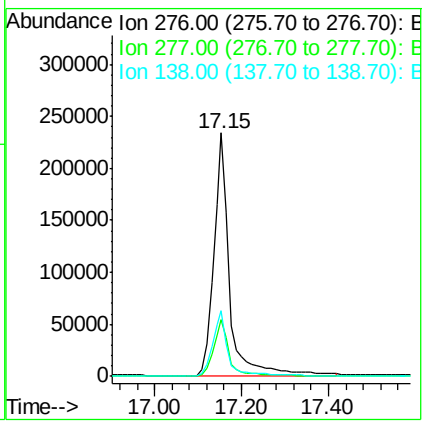




#91
Benzo(g,h,i)perylene
Concen: 42.96 ng
RT: 17.15 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF087944.D
Acq: 12 Jun 2016 12:41

Tgt Ion:276 Resp: 600642

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	27.2	21.4	32.2



Instrument :
BNA_F
ClientSampleId :
SP16-LF2MW2MSD

Manual Integrations APPROVED
umangi
6/13/2016 7:45:20 PM