Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081542.D
Acq On : 9 Sep 2015 3:08
Operator : UM/IZ
Sample : G3585-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

Quant Time: Sep 09 04:40:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 03:32:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.34	152	45870	20.00	ng		-0.01
21) Naphthalene-d8	7.63	136	176422	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	82271	20.00	ng		0.00
63) Phenanthrene-d10	10.84	188	145858	20.00	ng		0.00
75) Chrysene-d12	13.45	240	104076	20.00	ng		0.00
86) Perylene-d12	14.75	264	88577	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	156037	52.78	ng		0.02
7) Phenol-d6	6.02	99	416385	106.40	ng		0.00
23) Nitrobenzene-d5	6.92	82	281018	76.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.16	330	10696	14.60	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	420333	65.47	ng		0.00
78) Terphenyl-d14	12.42	244	302515	67.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.72	88	45285	34.11	ng	#	72
3) Pyridine	2.25	79	162671	44.43	ng	#	82
4) n-Nitrosodimethylamine	2.23	42	89008	43.76	ng	#	70
6) Aniline	6.01	93	102603	18.57	ng	#	70
8) 2-Chlorophenol	6.14	128	99133	30.43	ng		95
9) Benzaldehyde	5.88	77	87138	35.54	ng	#	87
10) Phenol	6.03	94	178208	39.27	ng	#	47
11) bis(2-Chloroethyl)ether	6.10	93	147666	45.10	ng		92
12) 1,3-Dichlorobenzene	6.28	146	144840	41.61	ng	#	94
13) 1,4-Dichlorobenzene	6.36	146	143917	40.61	ng	#	90
14) 1,2-Dichlorobenzene	6.51	146	121638	38.12	ng	#	86
15) Benzyl Alcohol	6.51	79	134590	41.92	ng	#	70
16) 2,2'-oxybis(1-Chloropropan	6.65	45	281847	44.91	ng	#	5
17) 2-Methylphenol	6.65	107	112666	43.34	ng	#	73
18) Hexachloroethane	6.86	117	50991	36.98	ng		88
19) n-Nitroso-di-n-propylamine	6.79	70	111444	41.84	ng	#	88
20) 3+4-Methylphenols	6.81	107	144725	41.29	ng		88
22) Acetophenone	6.78	105	208459	43.26	ng	#	75
24) Nitrobenzene	6.95	77	180452	47.52	ng	#	65
25) Isophorone	7.19	82	279115	41.04	ng	#	81
26) 2-Nitrophenol	7.27	139	18437	11.14	ng	#	58
27) 2,4-Dimethylphenol	7.34	122	128194	44.84	ng	#	81
28) bis(2-Chloroethoxy)methane	7.42	93	171407	43.63	ng	#	90
29) 2,4-Dichlorophenol	7.52	162	67235	27.12	ng		92
30) 1,2,4-Trichlorobenzene	7.59	180	113267	42.06	ng		97
31) Naphthalene	7.67	128	957572	101.77	ng		99
33) 4-Chloroaniline	7.72	127	86452	22.53	ng	#	82
34) Hexachlorobutadiene	7.78	225	65079	39.71	ng		96
35) Caprolactam	8.08	113	31119	40.93	ng	#	17
36) 4-Chloro-3-methylphenol	8.24	107	130493	47.03	ng	#	76
37) 2-Methylnaphthalene	8.35	142	272416	44.49	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	97758	37.57	ng		98
40) Hexachlorocyclopentadiene	8.50	237	9026	7.07	ng		97
42) 2,4,6-Trichlorophenol	8.64	196	7090	3.95	ng		97

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081542.D
Acq On : 9 Sep 2015 3:08
Operator : UM/IZ
Sample : G3585-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

Quant Time: Sep 09 04:40:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 03:32:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.68	196	18848	10.29	ng	#	77
45) 1,1'-Biphenyl	8.81	154	283174	37.41	ng		96
46) 2-Chloronaphthalene	8.83	162	228872	41.87	ng	#	91
47) 2-Nitroaniline	8.95	65	104485	46.90	ng	#	74
48) Acenaphthylene	9.23	152	351047	36.20	ng		96
49) Dimethylphthalate	9.13	163	400876	62.71	ng	#	97
50) 2,6-Dinitrotoluene	9.19	165	48184	33.21	ng	#	1
51) Acenaphthene	9.42	154	204333	37.04	ng		88
52) 3-Nitroaniline	9.36	138	57692	34.93	ng	#	87
54) Dibenzofuran	9.58	168	298200	37.02	ng	#	79
56) 2,4-Dinitrotoluene	9.59	165	71708	38.82	ng	#	43
57) Fluorene	9.92	166	259219	42.41	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.71	232	2814	2.01	ng	#	74
59) Diethylphthalate	9.83	149	300015	44.62	ng		99
60) 4-Chlorophenyl-phenylether	9.92	204	107748	37.82	ng	#	68
61) 4-Nitroaniline	9.95	138	55513	33.27	ng	#	14
62) Azobenzene	10.08	77	317563	42.48	ng		83
65) n-Nitrosodiphenylamine	10.04	169	225834	42.55	ng		91
66) 4-Bromophenyl-phenylether	10.41	248	61787	41.89	ng	#	86
67) Hexachlorobenzene	10.46	284	58863	38.17	ng	#	67
68) Atrazine	10.58	200	62330	40.58	ng		83
69) Pentachlorophenol	10.67	266	727	9.61	ng		94
70) Phenanthrene	10.87	178	348849	43.02	ng		97
71) Anthracene	10.91	178	317604	38.12	ng		98
72) Carbazole	11.08	167	330058	42.22	ng		98
73) Di-n-butylphthalate	11.44	149	406328	44.02	ng	#	98
74) Fluoranthene	12.03	202	282412	32.17	ng		90
76) Benzidine	12.18	184	139843	31.30	ng		98
77) Pyrene	12.26	202	298056	38.66	ng		98
79) Butylbenzylphthalate	12.91	149	146271	43.63	ng		98
80) Benzo(a)anthracene	13.44	228	258777	39.04	ng		98
81) 3,3'-Dichlorobenzidine	13.42	252	66567	29.77	ng	#	96
82) Chrysene	13.47	228	199861	33.64	ng		94
83) Bis(2-ethylhexyl)phthalate	13.47	149	195468	44.18	ng	#	88
84) Di-n-octyl phthalate	14.08	149	314194	43.13	ng		95
85) Indeno(1,2,3-cd)pyrene	15.83	276	189281	43.42	ng	#	86
87) Benzo(b)fluoranthene	14.43	252	272859m	43.15	ng		
88) Benzo(k)fluoranthene	14.46	252	187248m	35.69	ng		
89) Benzo(a)pyrene	14.71	252	202316	37.75	ng	#	87
90) Dibenzo(a,h)anthracene	15.84	278	166235	40.15	ng	#	80
91) Benzo(g,h,i)perylene	16.15	276	142543	36.07	ng	#	71

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

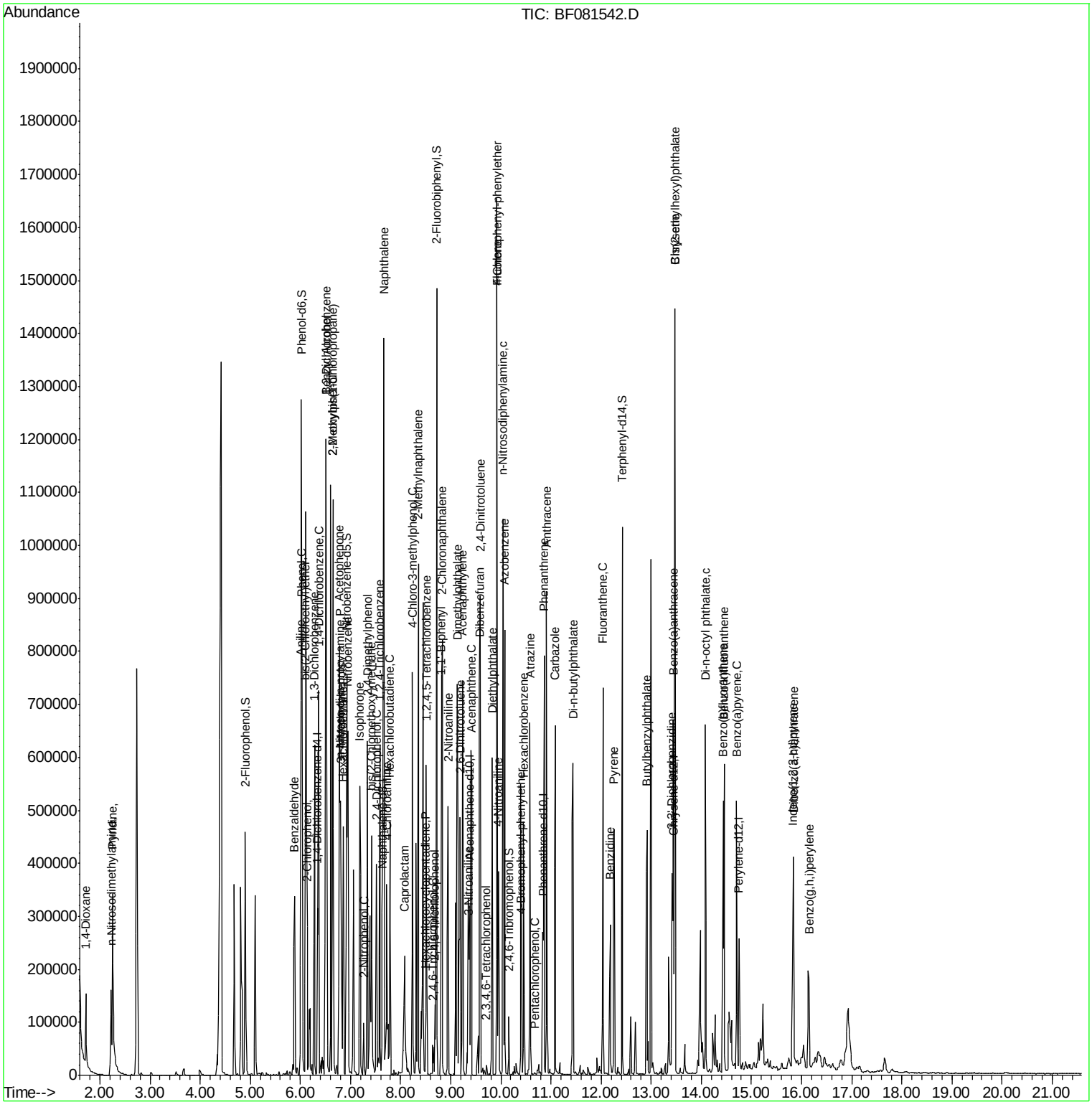
Quantitation Report (QT Reviewed)

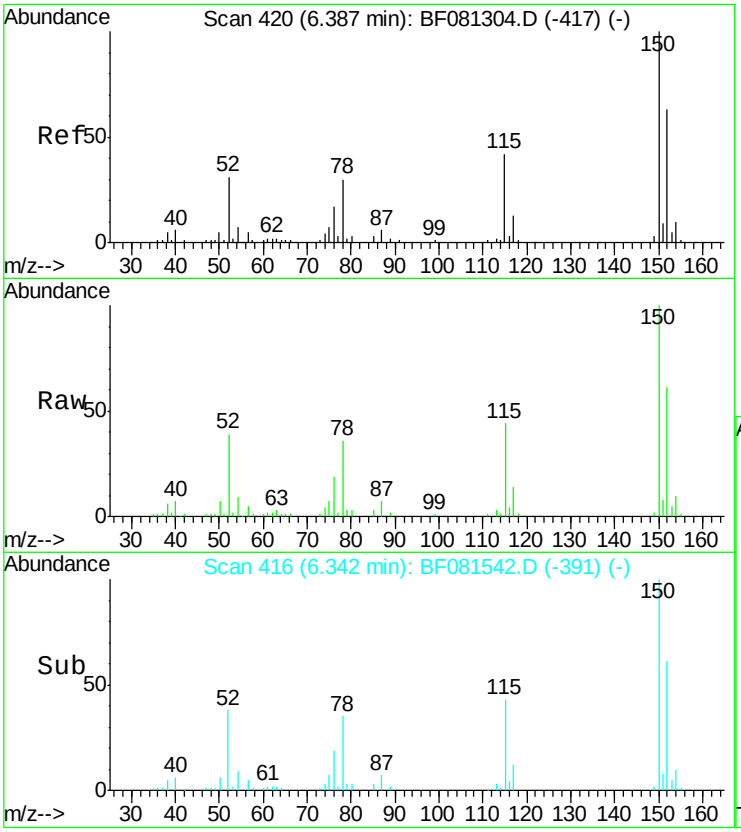
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090815\
Data File : BF081542.D
Acq On : 9 Sep 2015 3:08
Operator : UM/IZ
Sample : G3585-04MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 09 04:40:54 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 03:32:15 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

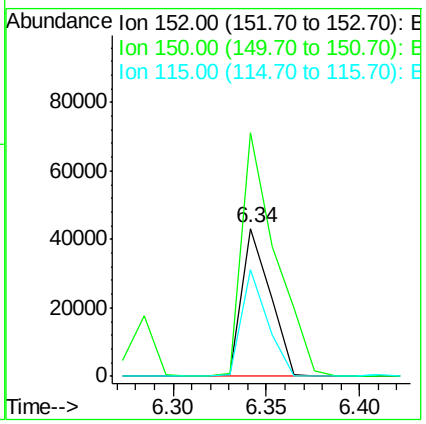




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

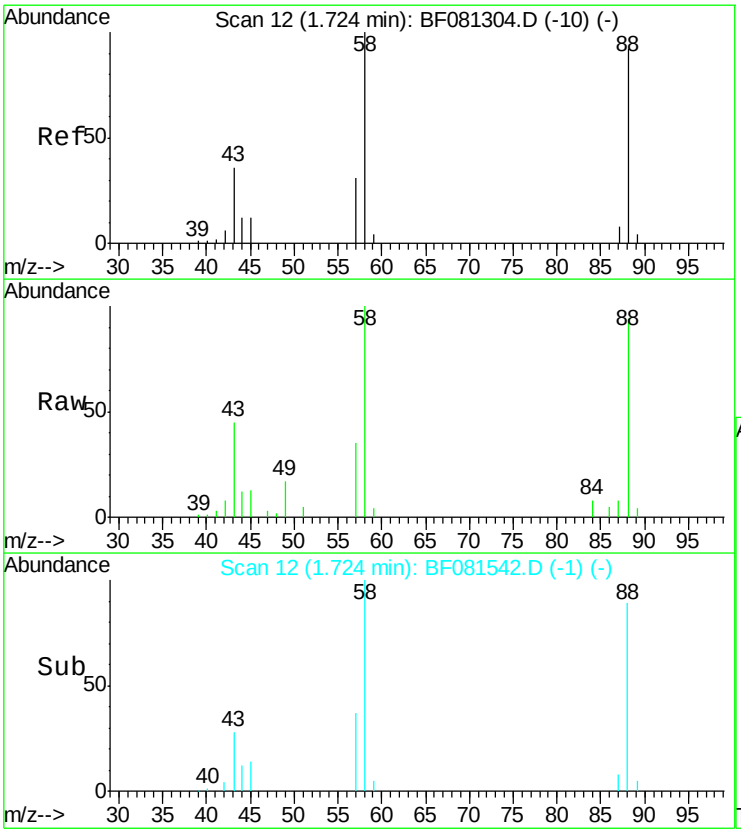
Tgt Ion:152 Resp: 45870

Ion	Ratio	Lower	Upper
152	100		
150	164.6	124.7	187.1
115	72.0	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

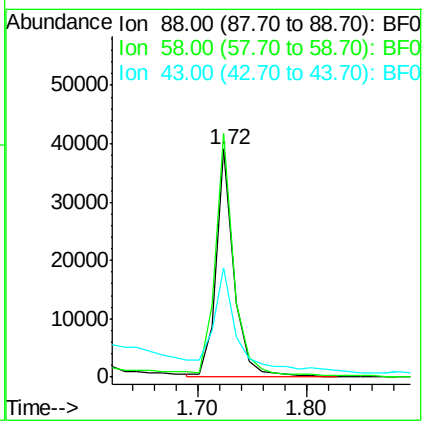
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

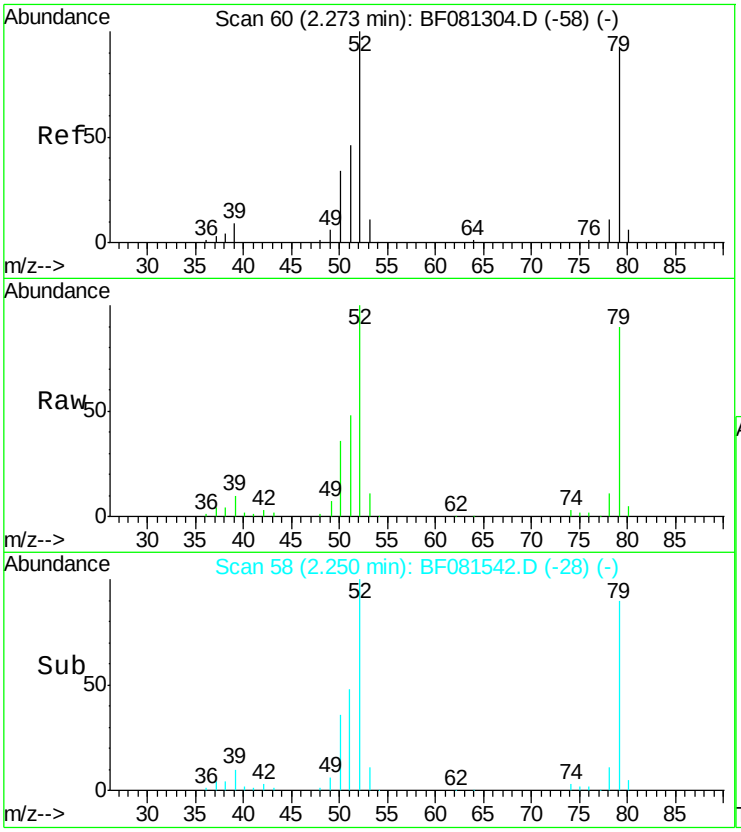


#2
1,4-Dioxane
Concen: 34.11 ng
RT: 1.72 min Scan# 12
Delta R.T. 0.06 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 88 Resp: 45285

Ion	Ratio	Lower	Upper
88	100		
58	115.4	77.7	116.5
43	64.6	26.6	40.0#

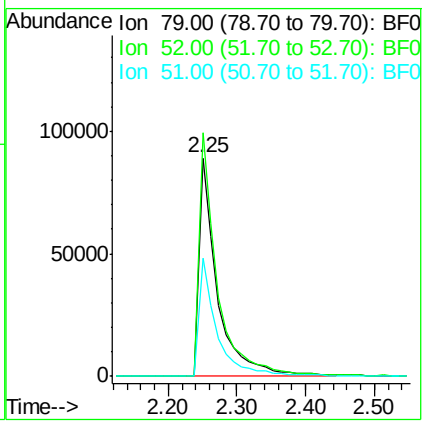




#3
Pyridine
Concen: 44.43 ng
RT: 2.25 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

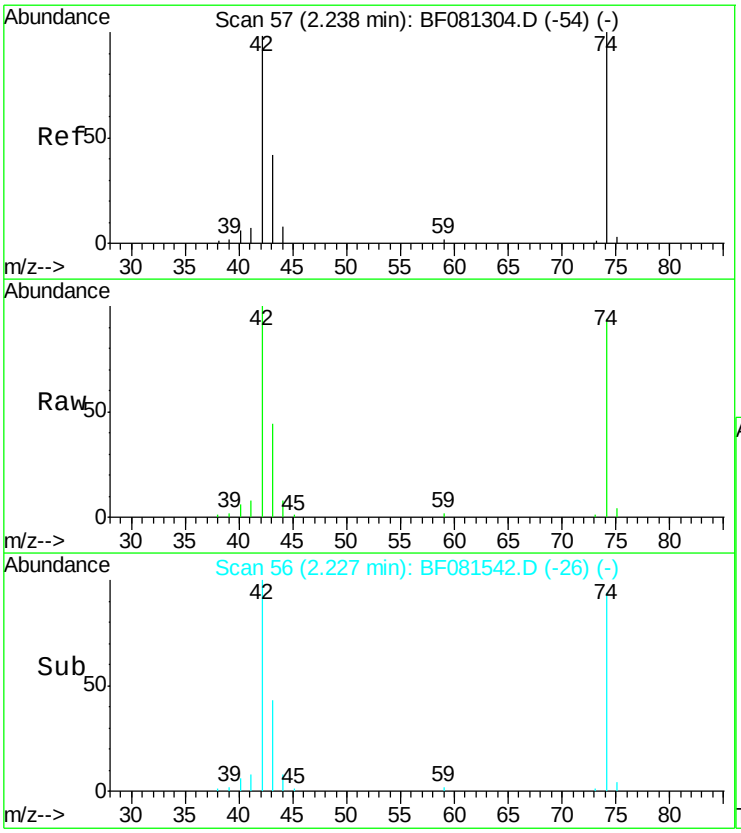
Tgt Ion: 79 Resp: 162671

Ion	Ratio	Lower	Upper
79	100		
52	111.4	76.8	115.2
51	53.8	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

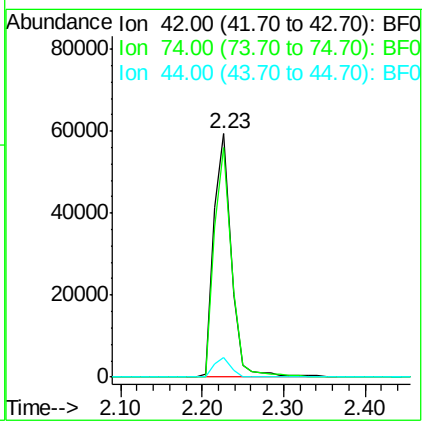
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

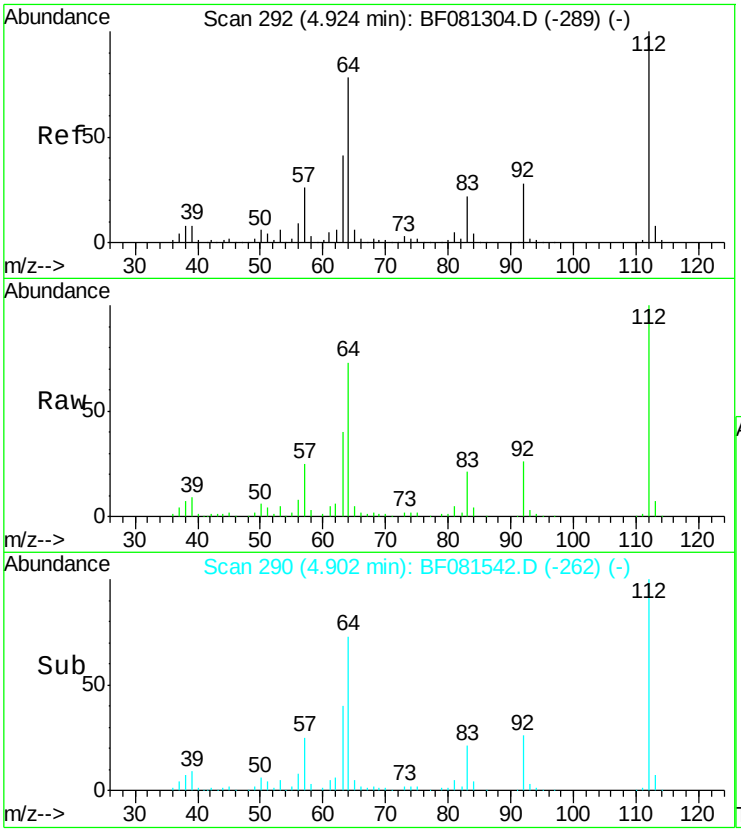


#4
n-Nitrosodimethylamine
Concen: 43.76 ng
RT: 2.23 min Scan# 56
Delta R.T. 0.05 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 42 Resp: 89008

Ion	Ratio	Lower	Upper
42	100		
74	94.3	105.0	157.6#
44	7.9	6.6	10.0





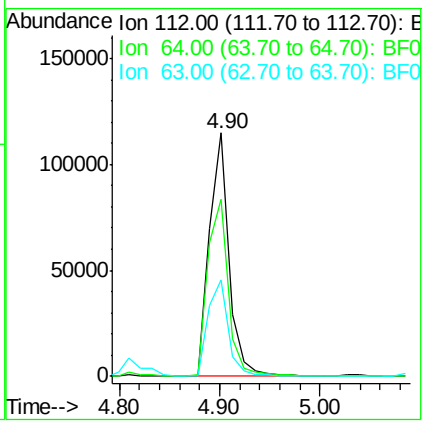
#5
2-Fluorophenol
Concen: 52.78 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.02 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

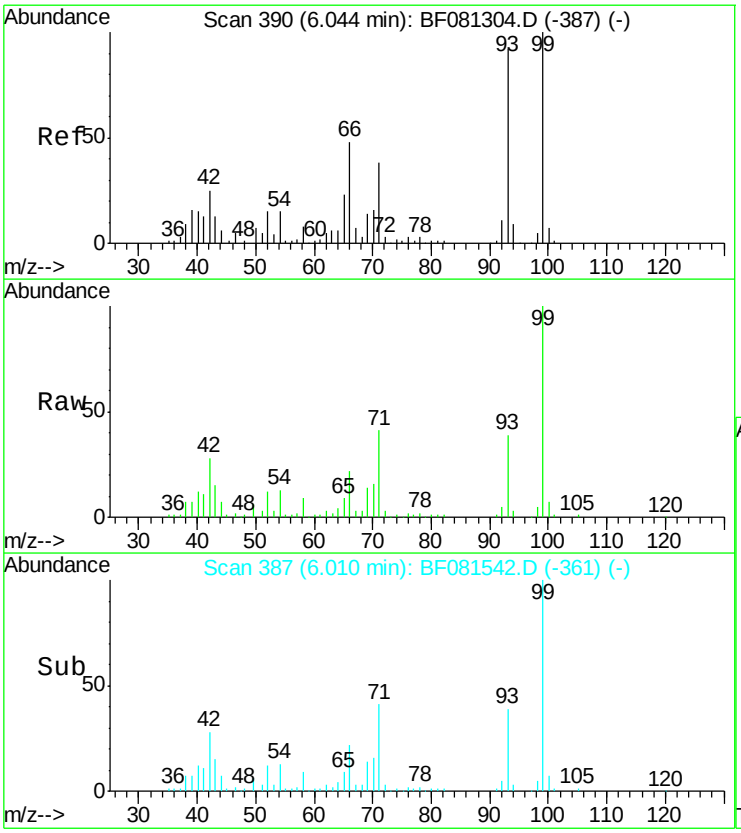
Tgt Ion:112 Resp: 156037

Ion	Ratio	Lower	Upper
112	100		
64	72.6	39.7	59.5#
63	39.5	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

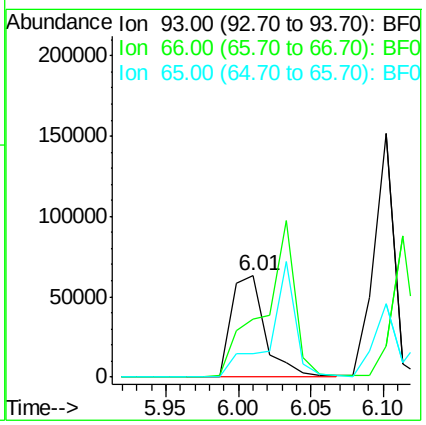


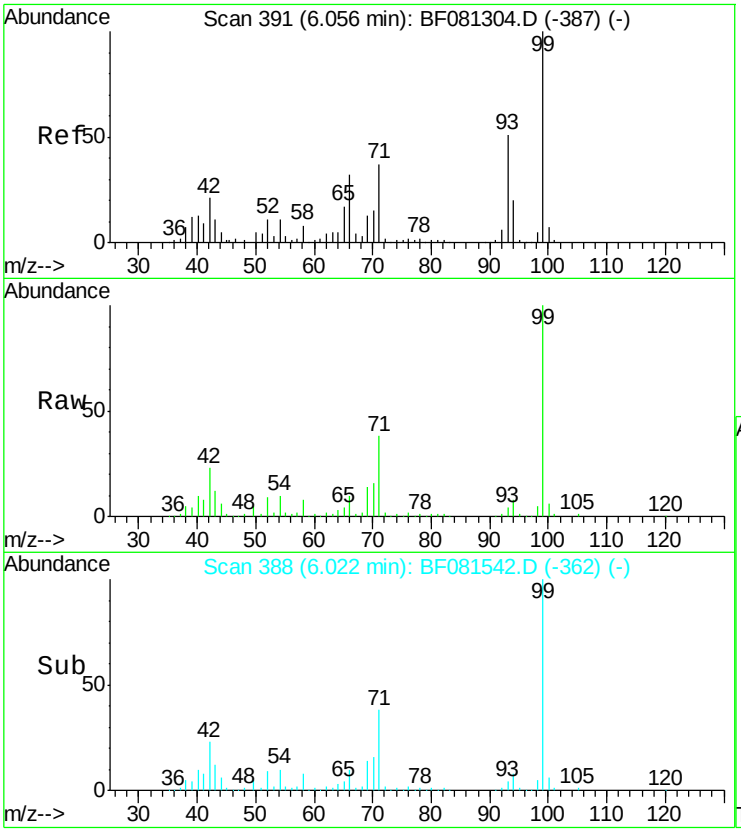


#6
Aniline
Concen: 18.57 ng
RT: 6.01 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 93 Resp: 102603

Ion	Ratio	Lower	Upper
93	100		
66	57.1	27.2	40.8#
65	23.3	14.7	22.1#

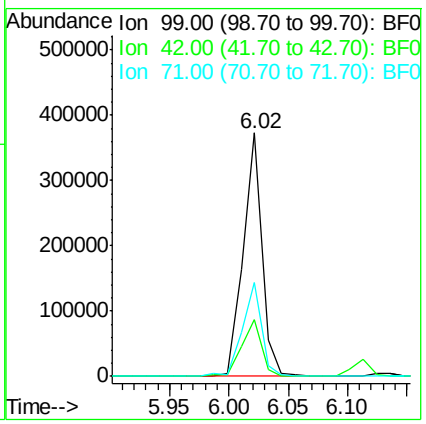




#7
Phenol-d6
Concen: 106.40 ng
RT: 6.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

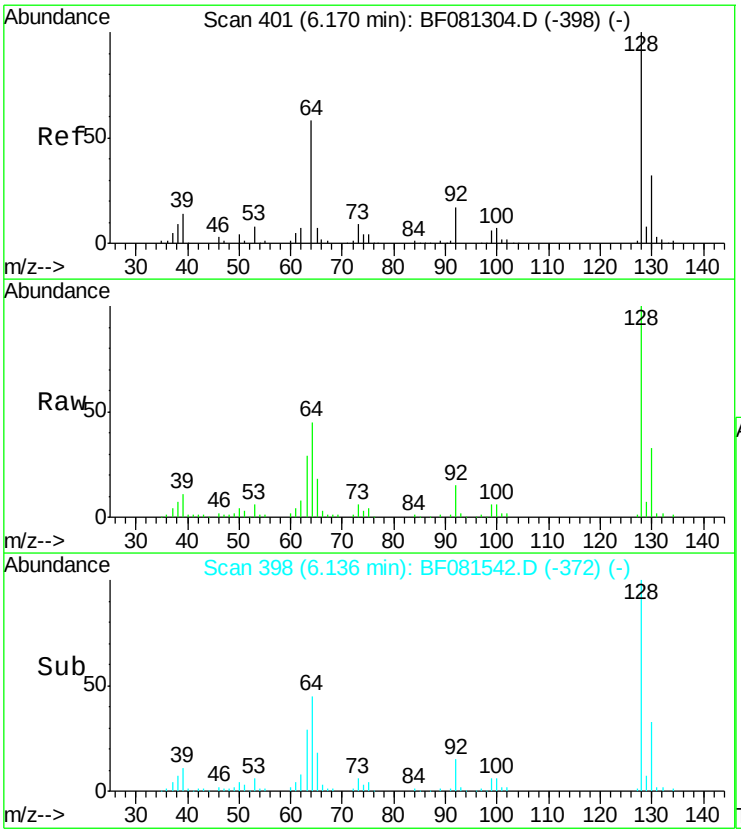
Tgt Ion: 99 Resp: 416385

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.7	20.5#
71	38.3	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

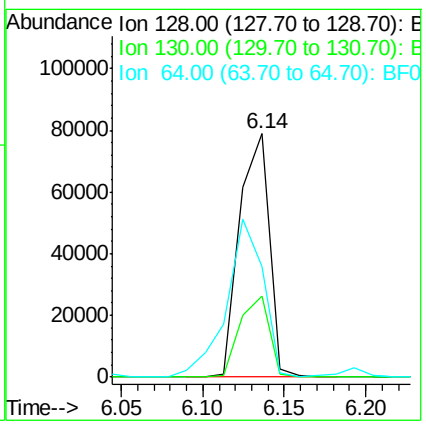
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

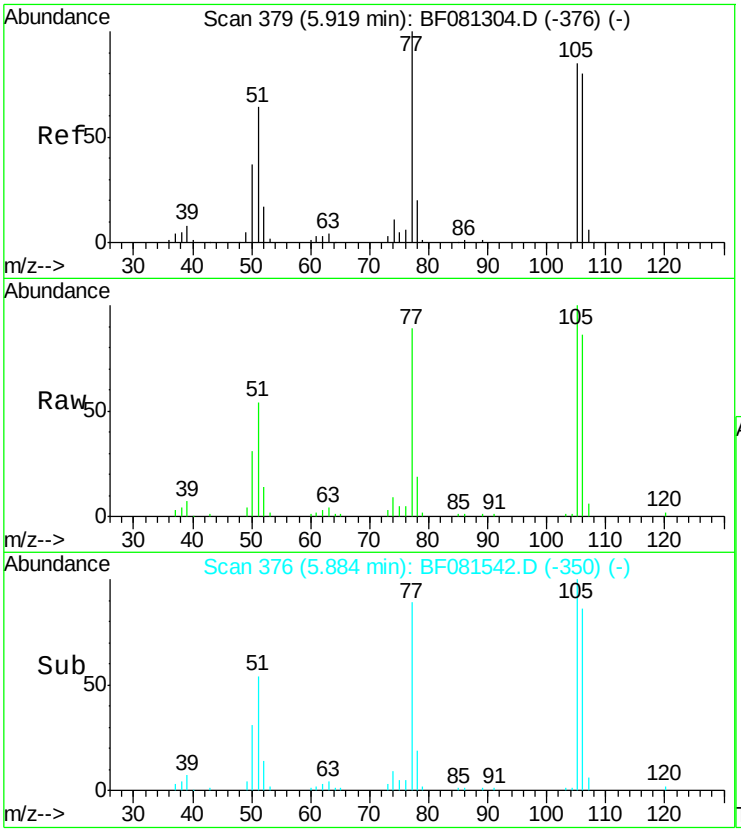


#8
2-Chlorophenol
Concen: 30.43 ng
RT: 6.14 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:128 Resp: 99133

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.2	52.2
64	45.1	20.5	60.5

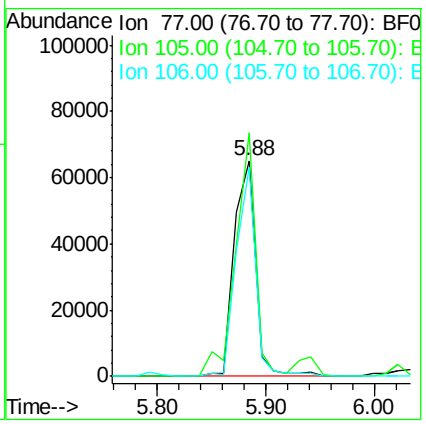




#9
Benzaldehyde
Concen: 35.54 ng
RT: 5.88 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

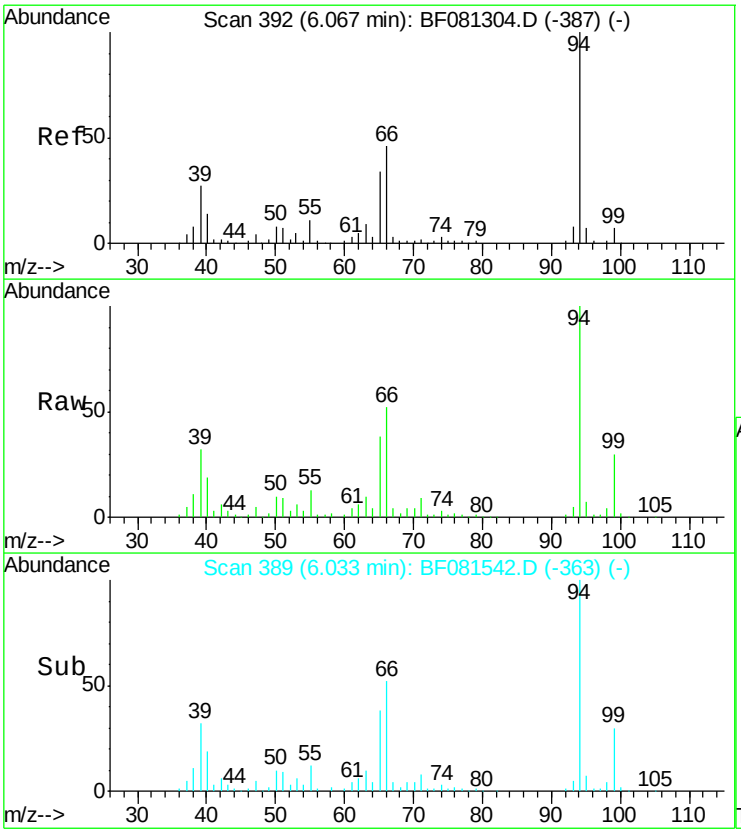
Tgt Ion: 77 Resp: 87138

Ion	Ratio	Lower	Upper
77	100		
105	112.7	91.6	131.6
106	96.5	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

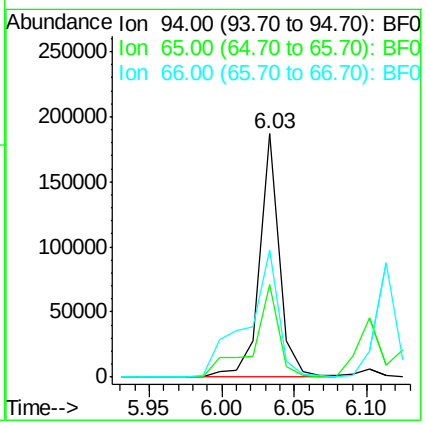
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

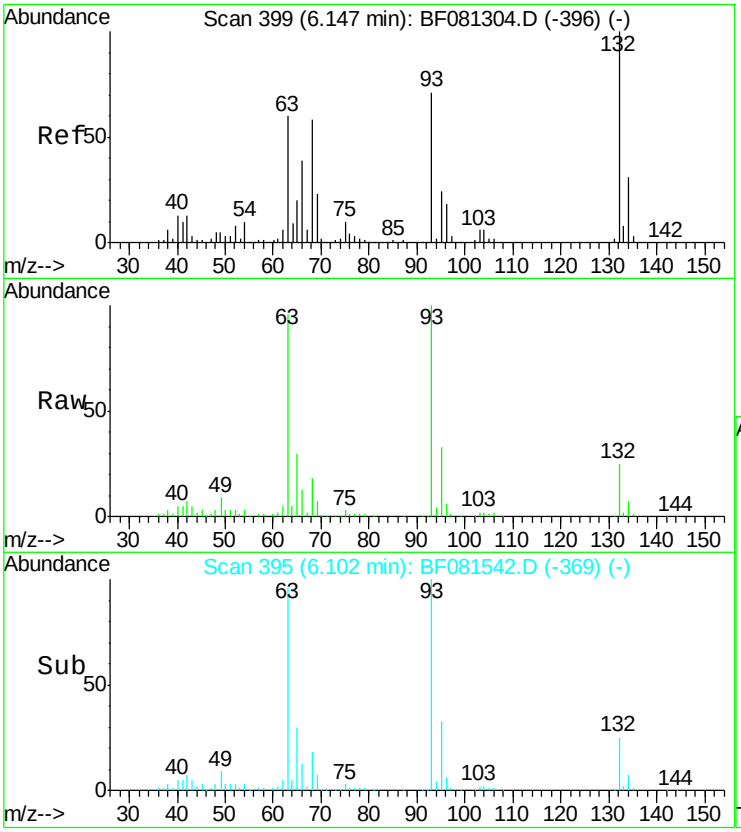


#10
Phenol
Concen: 39.27 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 94 Resp: 178208

Ion	Ratio	Lower	Upper
94	100		
65	38.3	0.7	40.7
66	52.2	0.8	40.8#

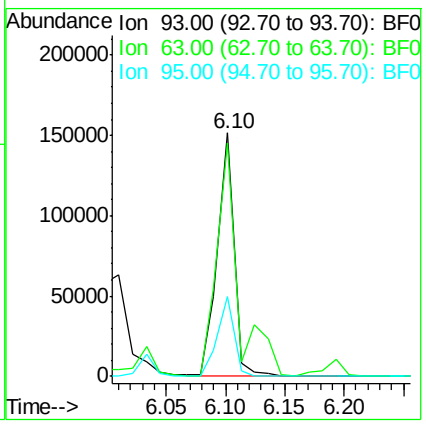




#11
bis(2-Chloroethyl)ether
Concen: 45.10 ng
RT: 6.10 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

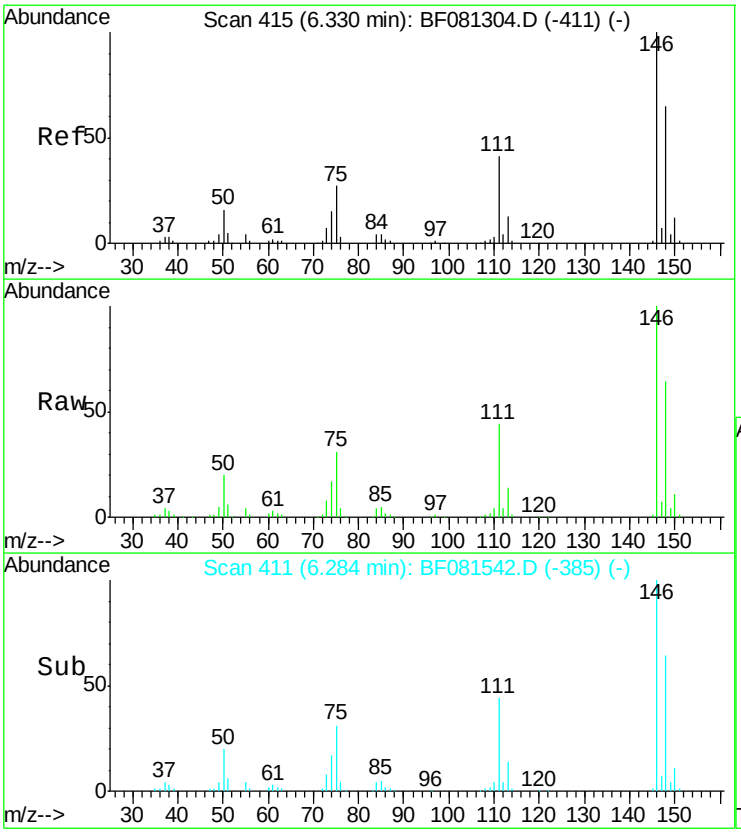
Tgt Ion: 93 Resp: 147666

Ion	Ratio	Lower	Upper
93	100		
63	95.7	65.6	105.6
95	33.0	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

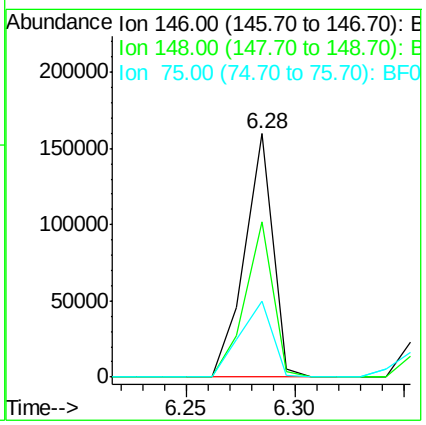
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

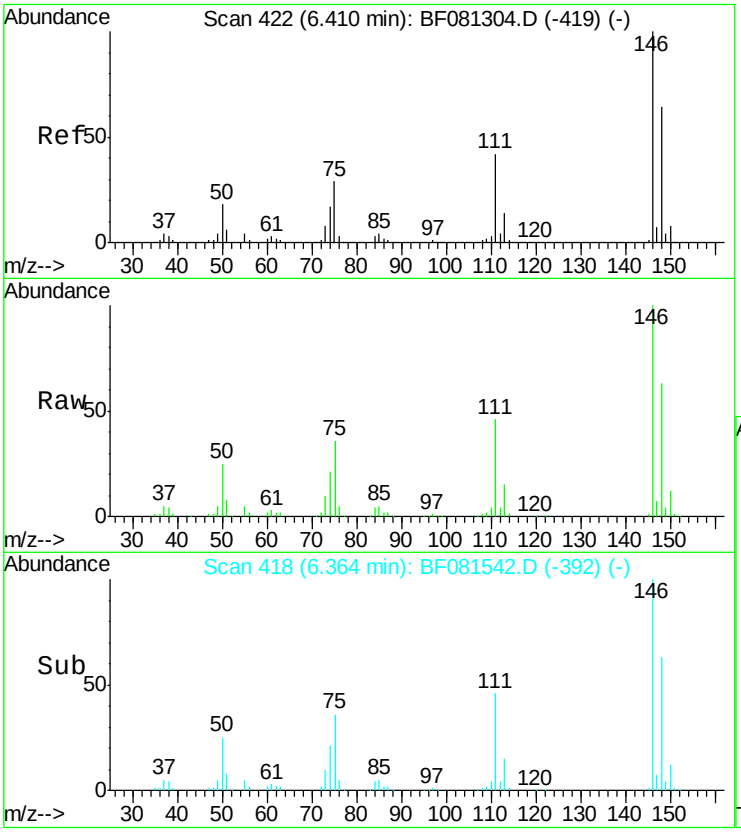


#12
1,3-Dichlorobenzene
Concen: 41.61 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:146 Resp: 144840

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
75	31.0	15.0	22.6#

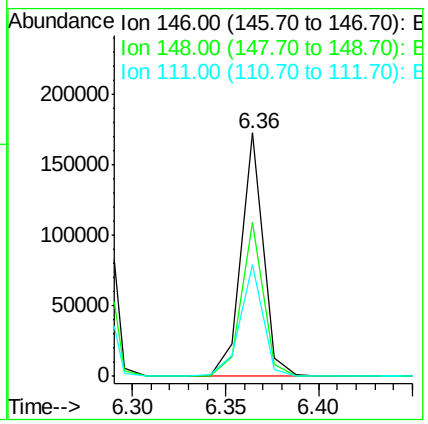




#13
1,4-Dichlorobenzene
Concen: 40.61 ng
RT: 6.36 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

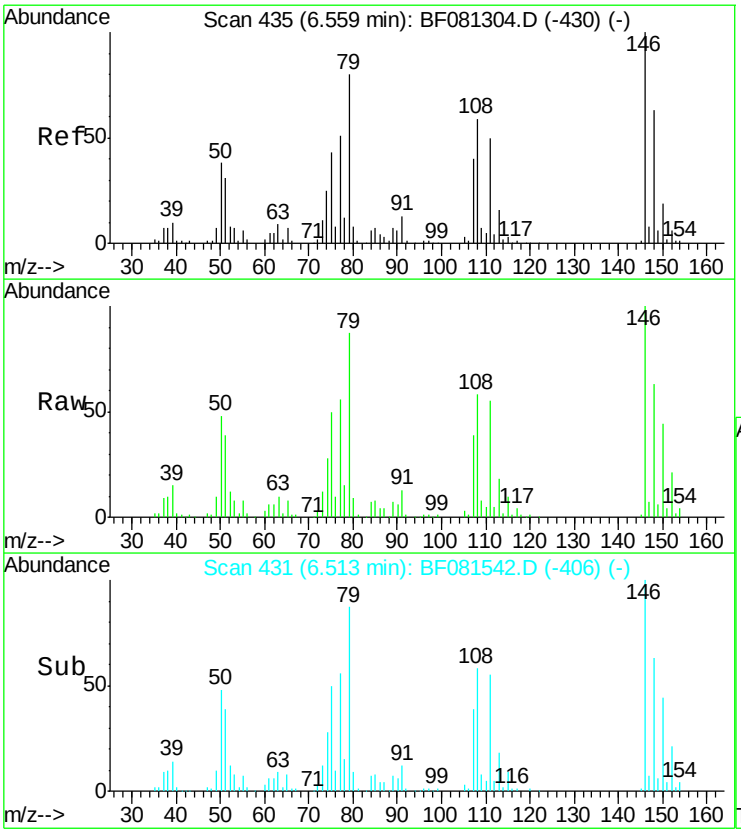
Tgt Ion:146 Resp: 143917

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
111	45.7	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

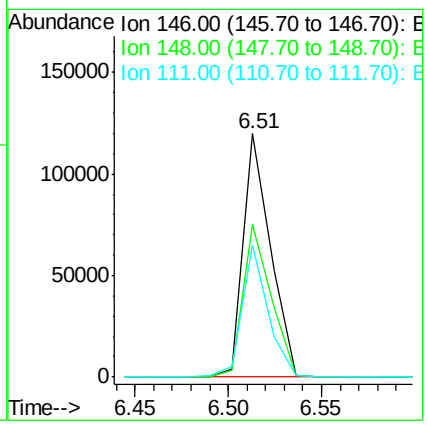
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

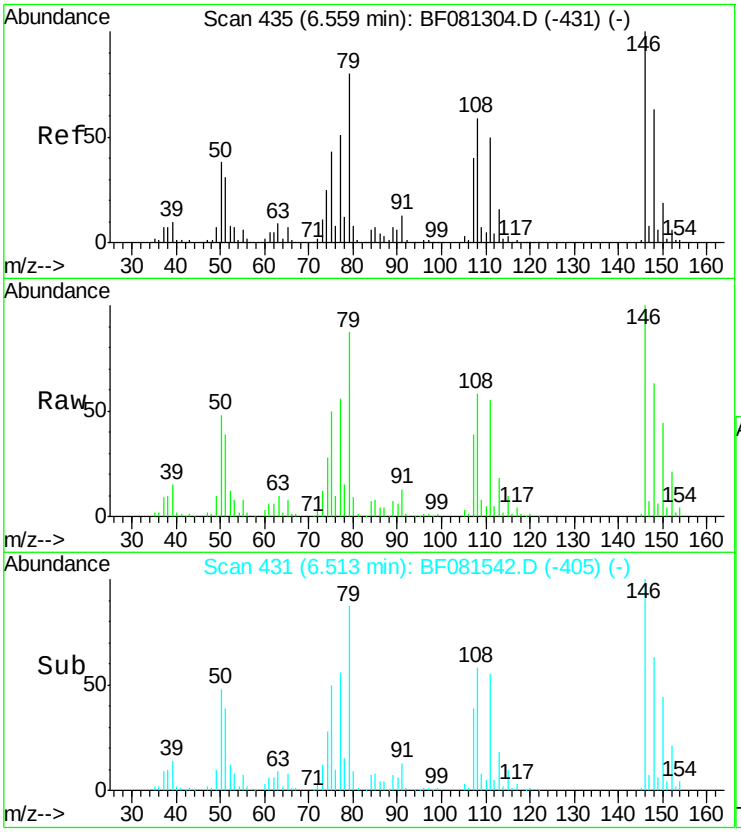


#14
1,2-Dichlorobenzene
Concen: 38.12 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:146 Resp: 121638

Ion	Ratio	Lower	Upper
146	100		
148	62.6	52.7	79.1
111	54.6	28.8	43.2#





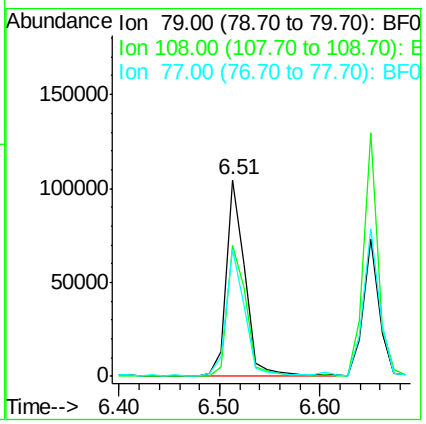
#15
Benzyl Alcohol
Concen: 41.92 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

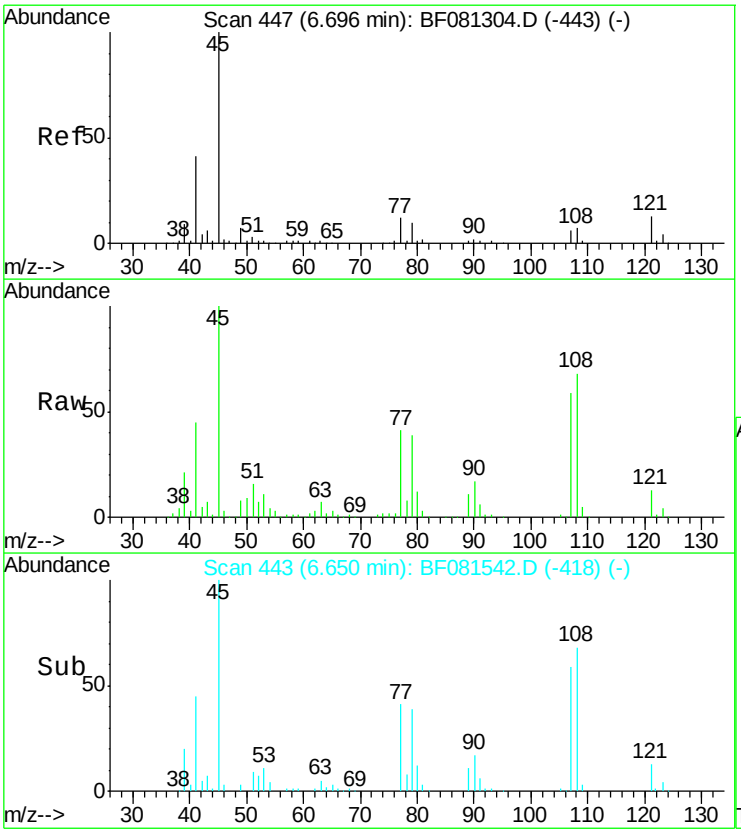
Tgt Ion: 79 Resp: 134590

Ion	Ratio	Lower	Upper
79	100		
108	66.7	88.6	132.8#
77	64.8	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

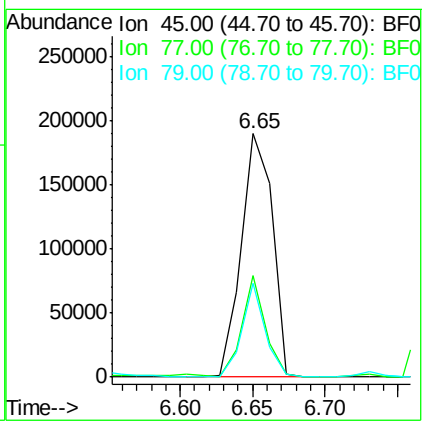


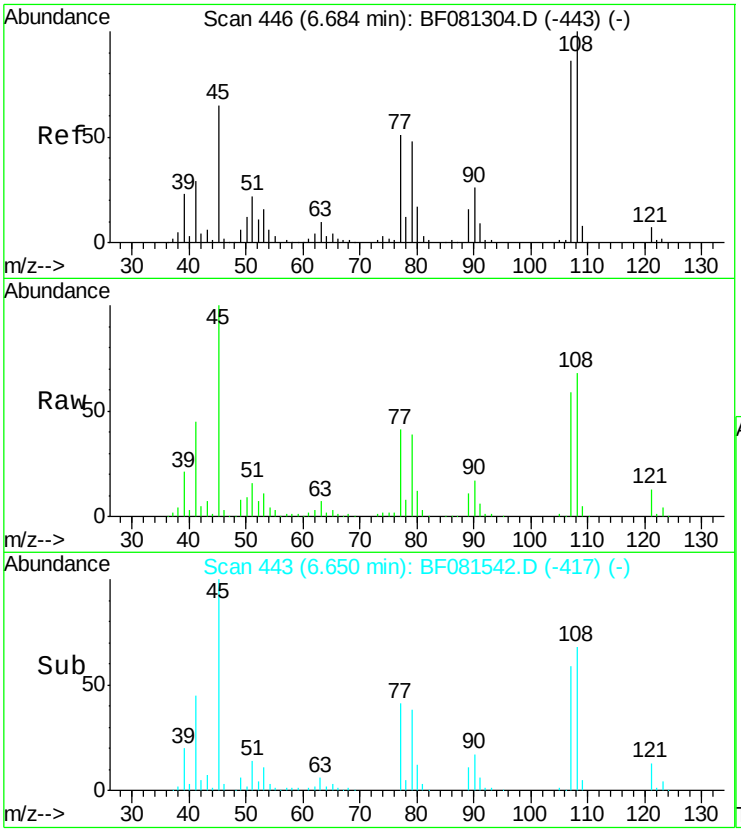


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.91 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 45 Resp: 281847

Ion	Ratio	Lower	Upper
45	100		
77	41.5	0.0	28.1#
79	38.6	0.0	26.0#

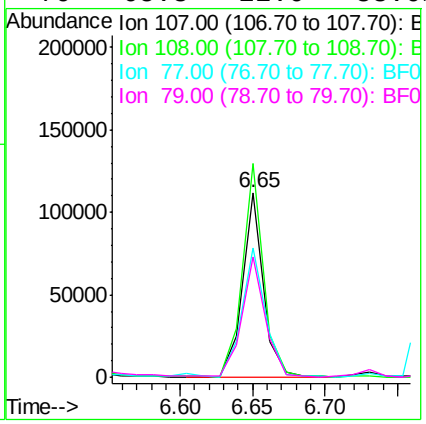




#17
2-Methylphenol
Concen: 43.34 ng
RT: 6.65 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

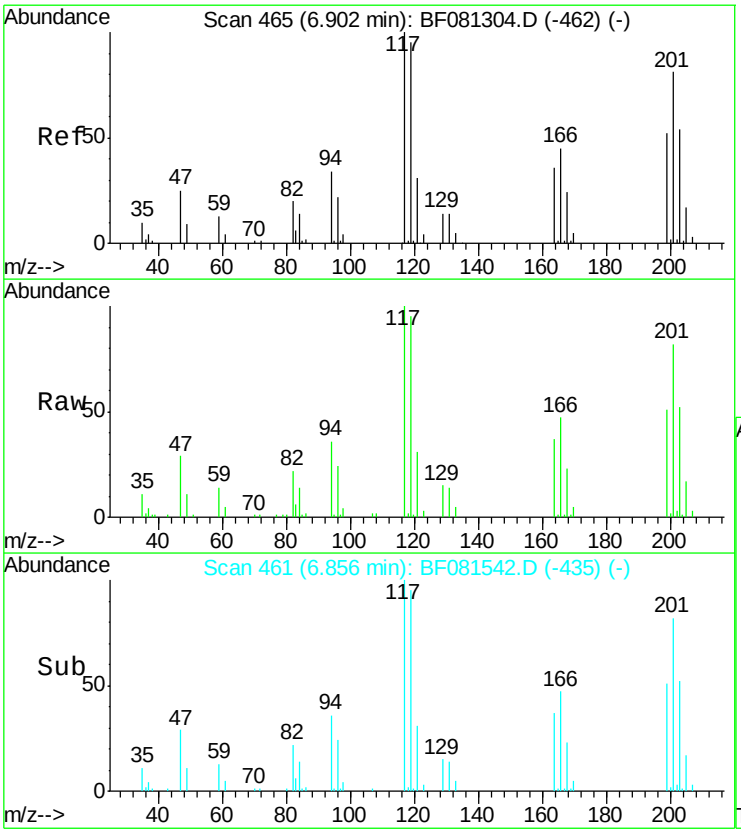
Tgt Ion:107 Resp: 112666

Ion	Ratio	Lower	Upper
107	100		
108	115.6	96.6	145.0
77	70.3	23.3	34.9#
79	65.3	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

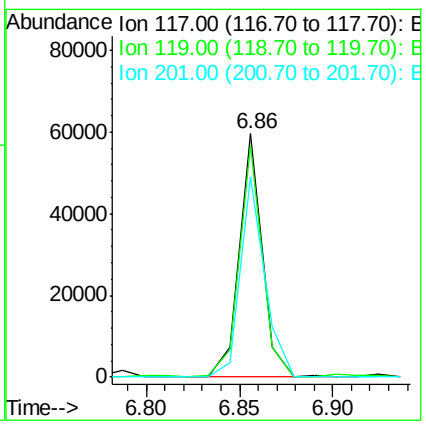
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

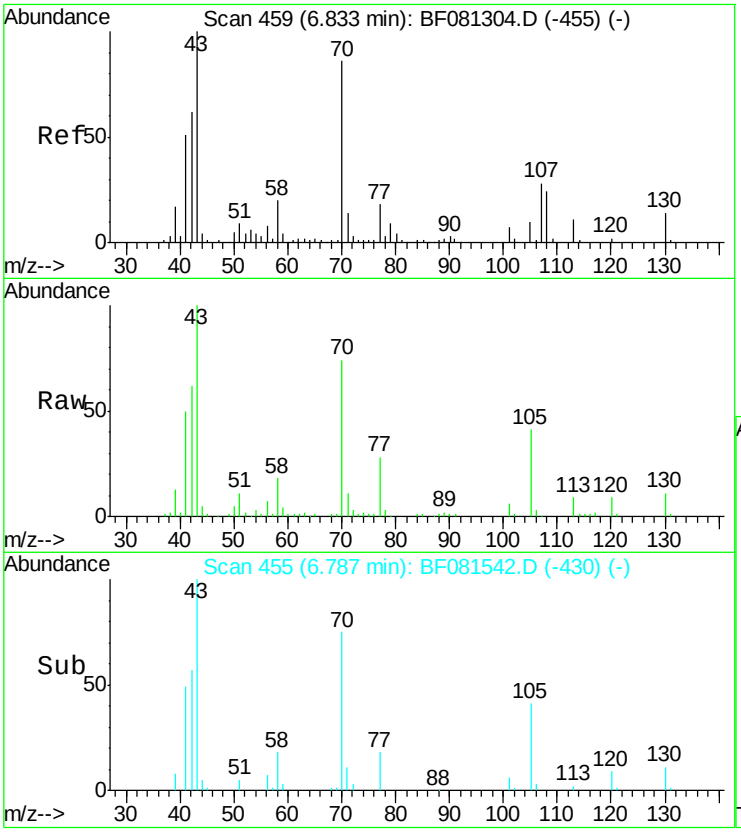


#18
Hexachloroethane
Concen: 36.98 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:117 Resp: 50991

Ion	Ratio	Lower	Upper
117	100		
119	95.3	83.8	125.6
201	82.2	55.1	82.7

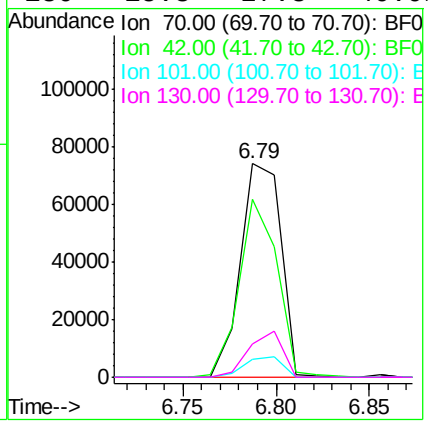




#19
n-Nitroso-di-n-propylamine
Concen: 41.84 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

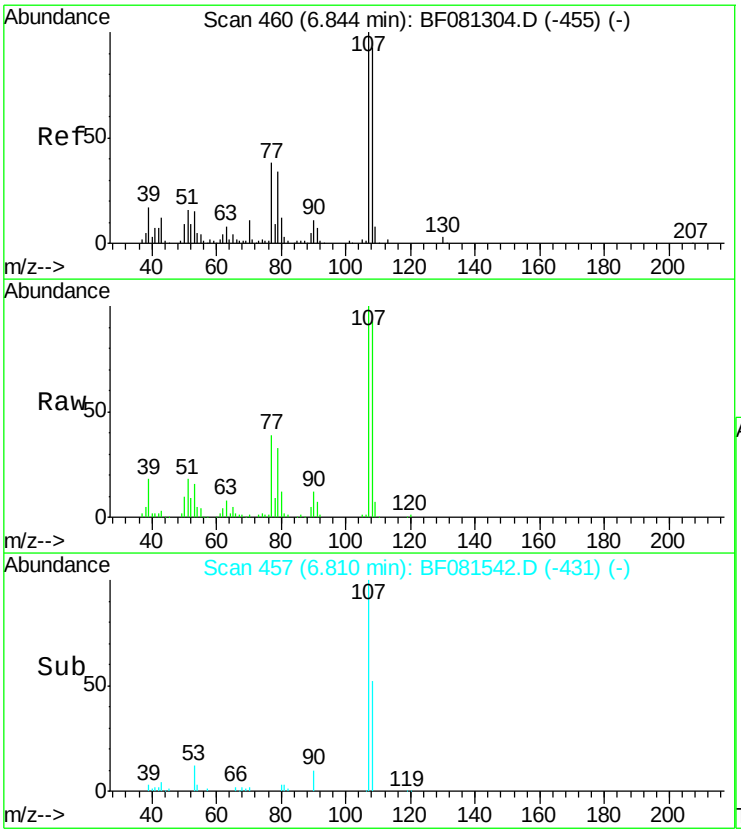
Tgt Ion: 70 Resp: 111444

Ion	Ratio	Lower	Upper
70	100		
42	83.3	63.8	95.6
101	8.6	9.2	13.8#
130	15.3	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

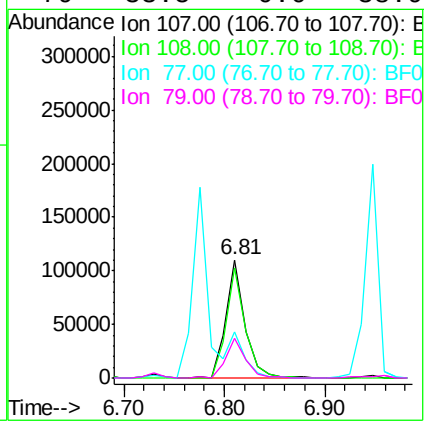
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

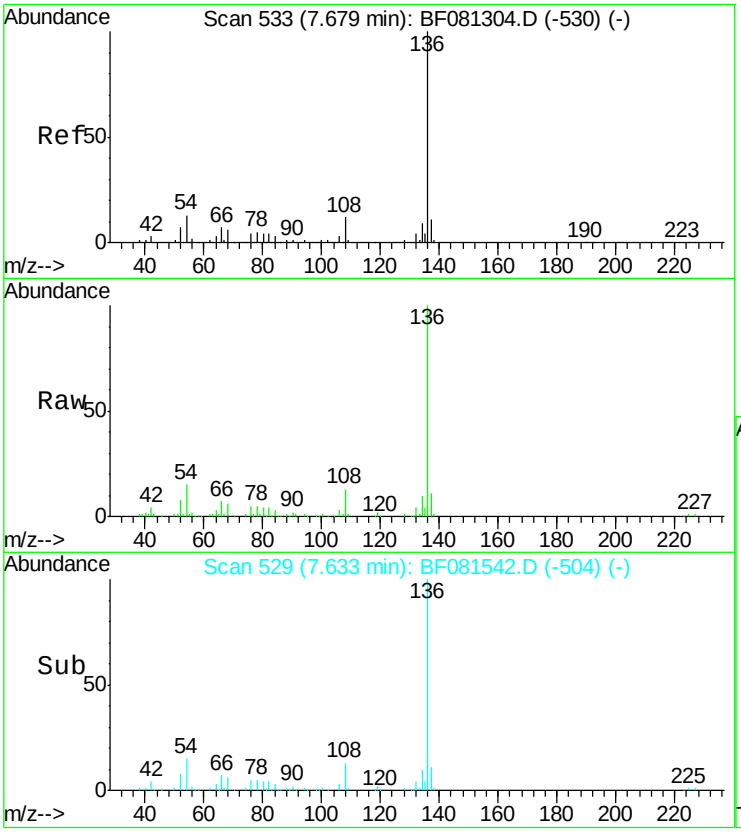


#20
3+4-Methylphenols
Concen: 41.29 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:107 Resp: 144725

Ion	Ratio	Lower	Upper
107	100		
108	93.0	74.6	114.6
77	39.3	0.7	40.7
79	33.5	0.0	38.9

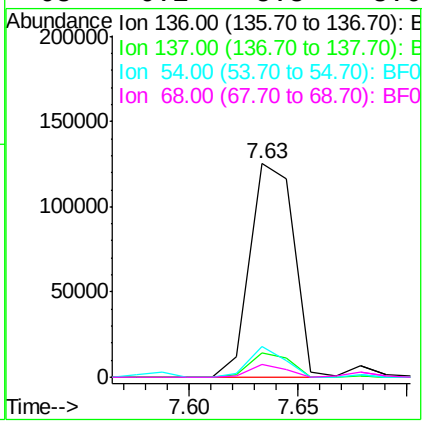




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

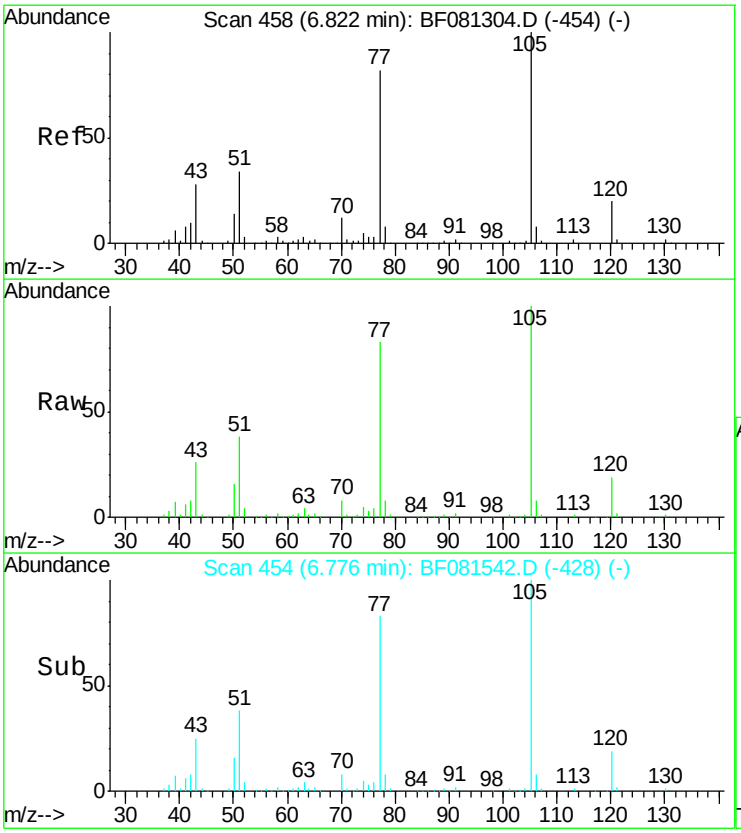
Tgt Ion:136 Resp: 176422

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	14.6	8.2	12.2#
68	6.1	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

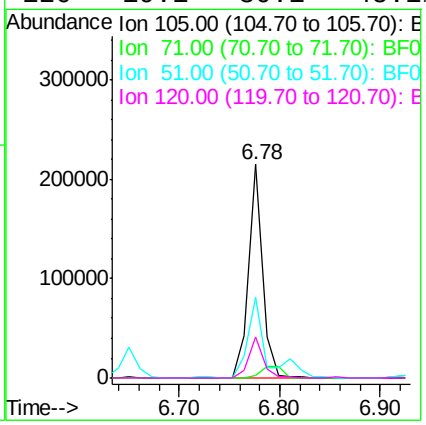
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

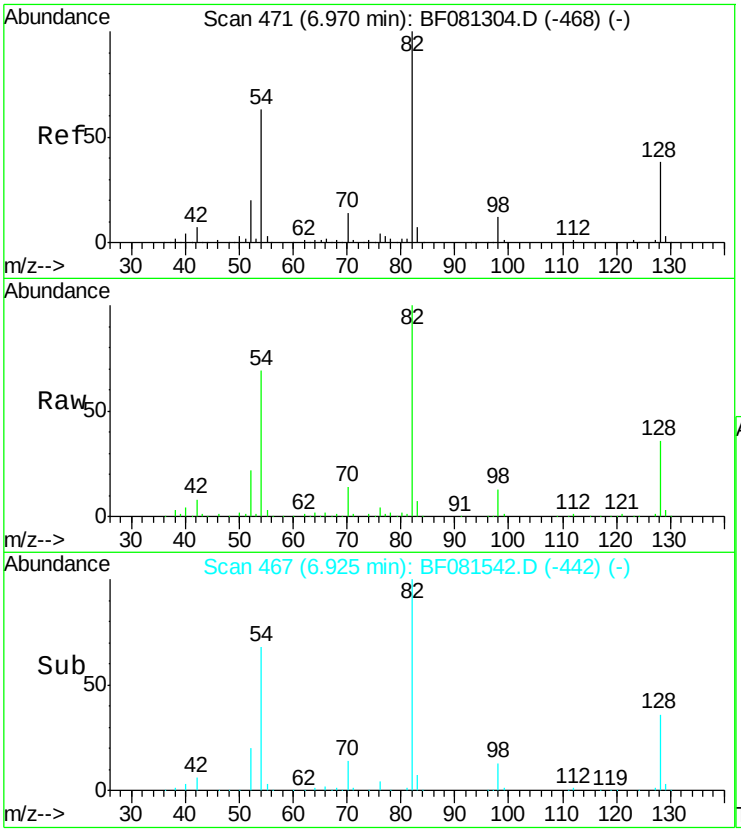


#22
Acetophenone
Concen: 43.26 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:105 Resp: 208459

Ion	Ratio	Lower	Upper
105	100		
71	1.4	4.7	7.1#
51	37.6	22.0	33.0#
120	19.1	30.1	45.1#

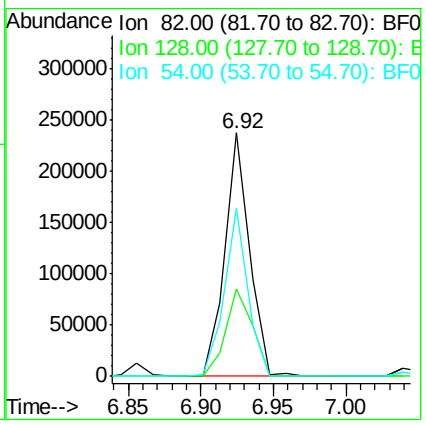




#23
Nitrobenzene-d5
Concen: 76.85 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

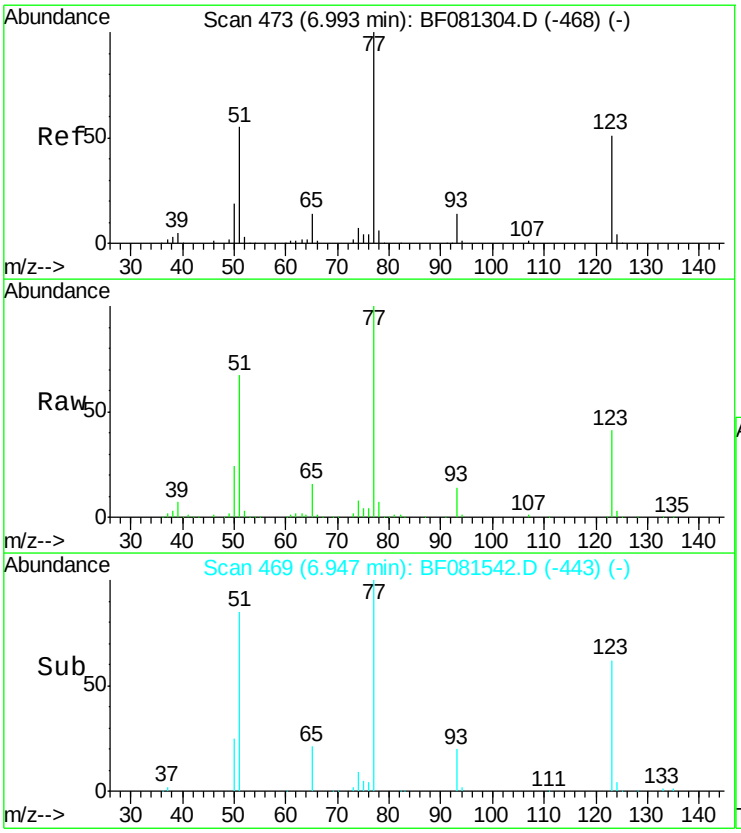
Tgt Ion: 82 Resp: 281018

Ion	Ratio	Lower	Upper
82	100		
128	35.8	51.0	76.6#
54	69.2	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

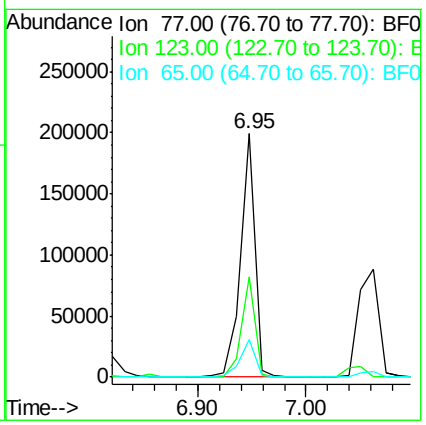
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

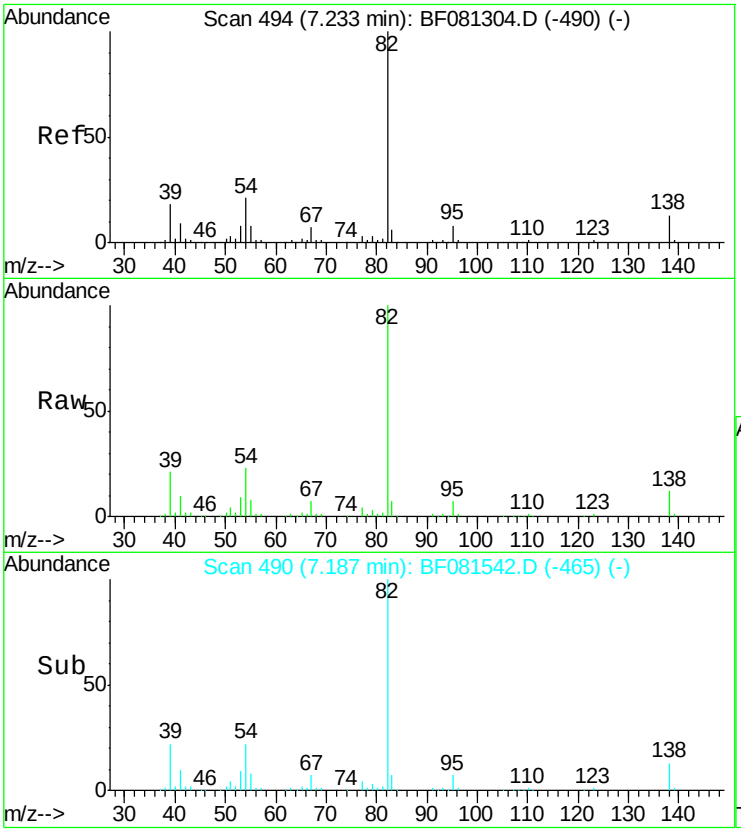


#24
Nitrobenzene
Concen: 47.52 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 77 Resp: 180452

Ion	Ratio	Lower	Upper
77	100		
123	41.0	59.8	89.8#
65	15.6	10.2	15.4#

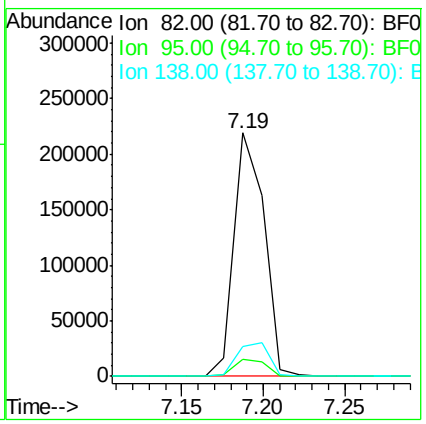




#25
Isophorone
Concen: 41.04 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

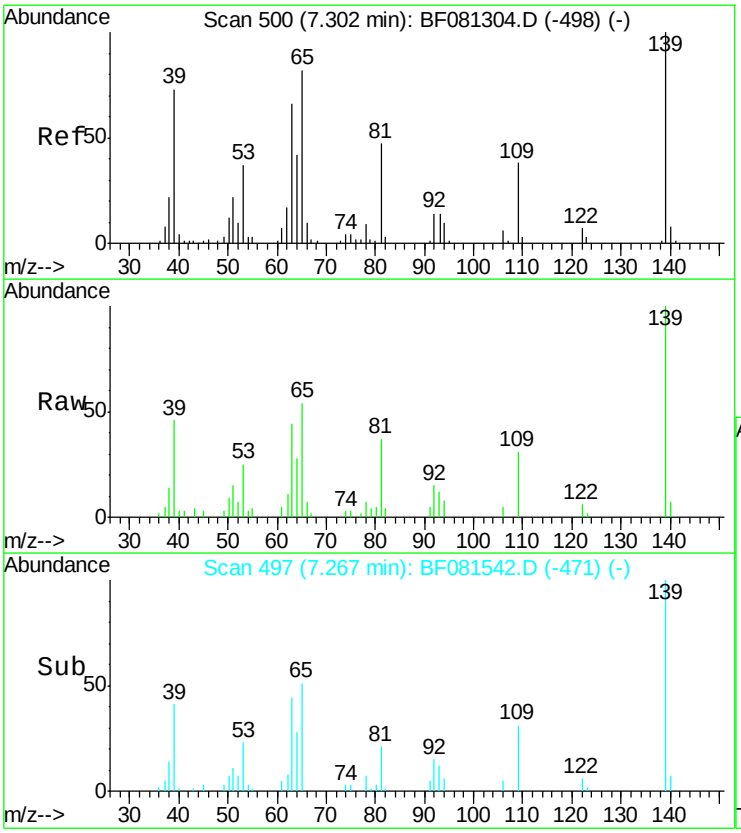
Tgt Ion: 82 Resp: 279115

Ion	Ratio	Lower	Upper
82	100		
95	7.1	4.0	6.0#
138	12.5	18.3	27.5#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

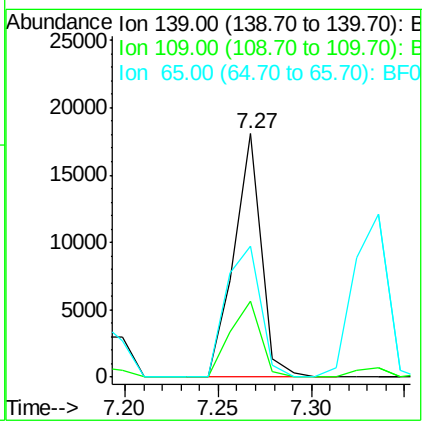
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

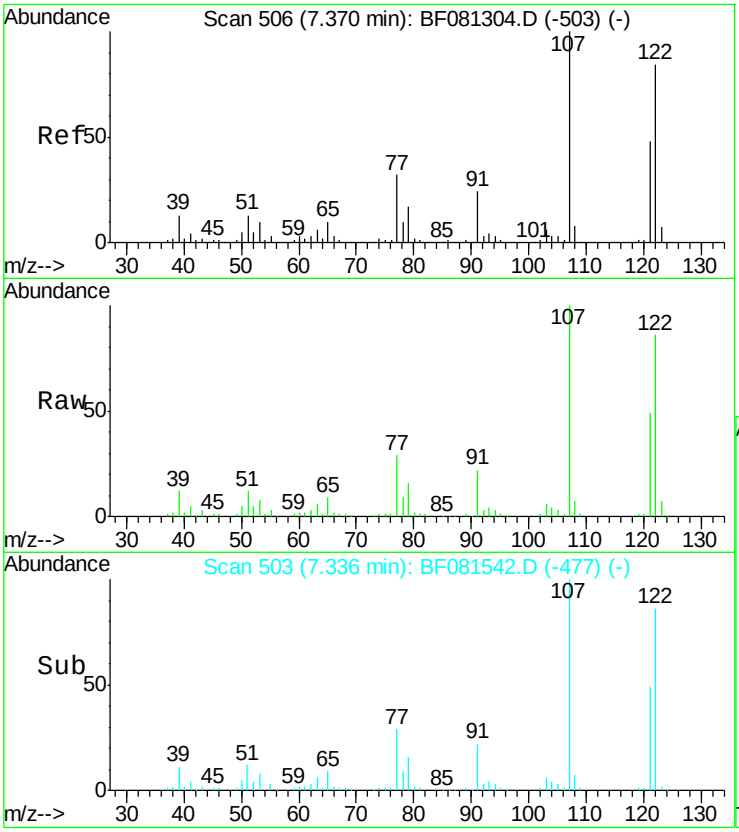


#26
2-Nitrophenol
Concen: 11.14 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:139 Resp: 18437

Ion	Ratio	Lower	Upper
139	100		
109	31.2	11.0	16.4#
65	53.6	24.7	37.1#





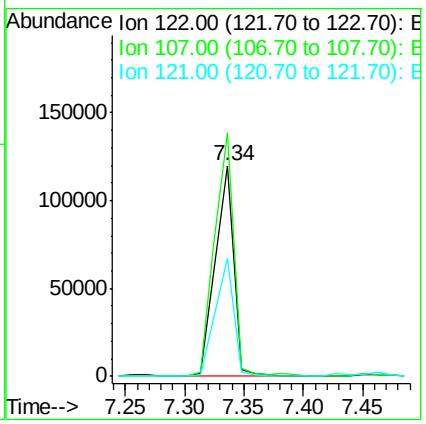
#27
2,4-Dimethylphenol
Concen: 44.84 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

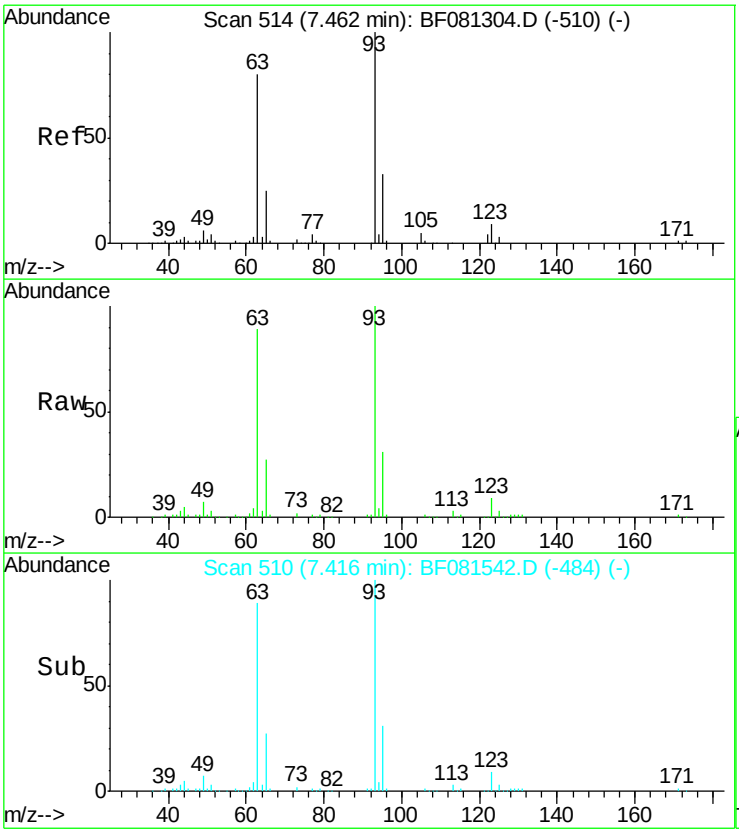
Tgt Ion:122 Resp: 128194

Ion	Ratio	Lower	Upper
122	100		
107	115.7	71.8	107.6#
121	56.2	42.3	63.5

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

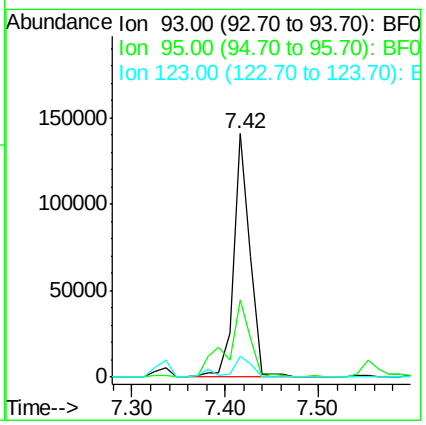


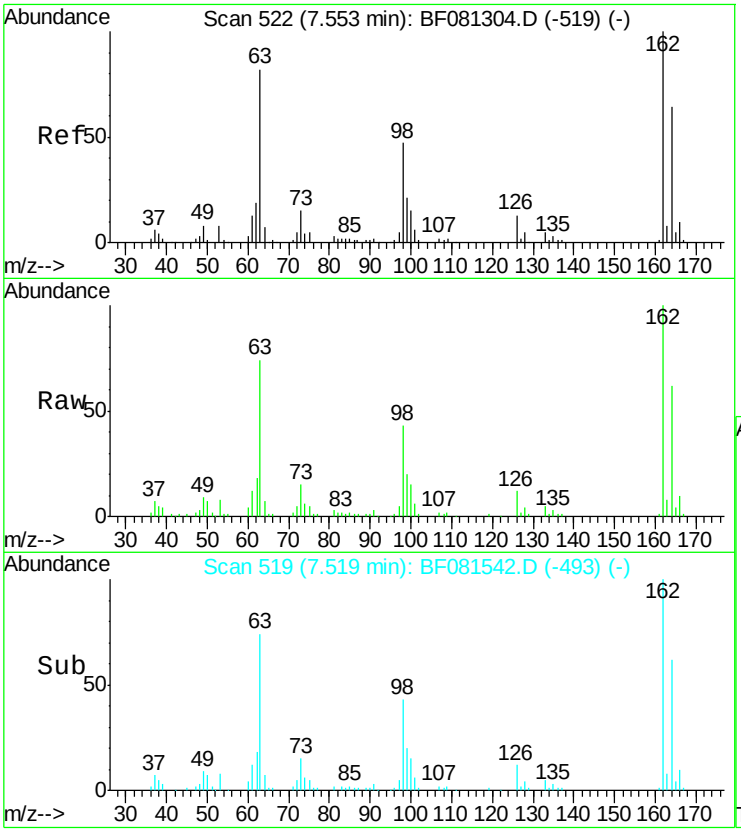


#28
bis(2-Chloroethoxy)methane
Concen: 43.63 ng
RT: 7.42 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 93 Resp: 171407

Ion	Ratio	Lower	Upper
93	100		
95	31.5	27.5	41.3
123	8.7	13.7	20.5#

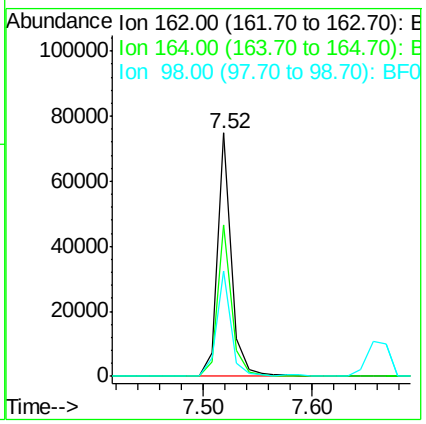




#29
2,4-Dichlorophenol
Concen: 27.12 ng
RT: 7.52 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

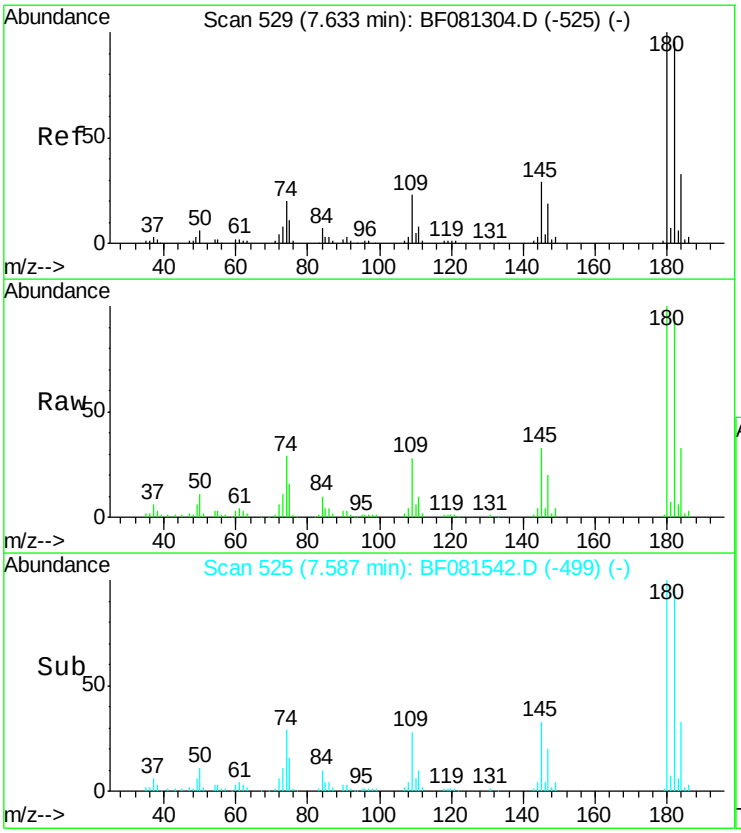
Tgt Ion:162 Resp: 67235

Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.9	84.9
98	43.1	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

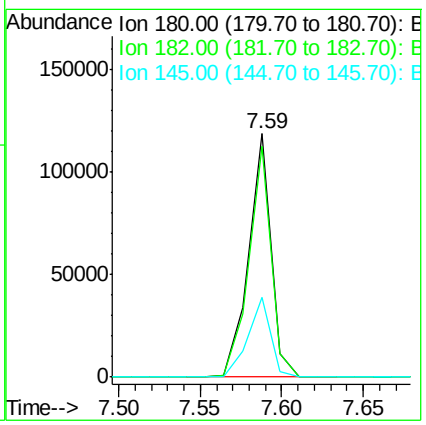
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

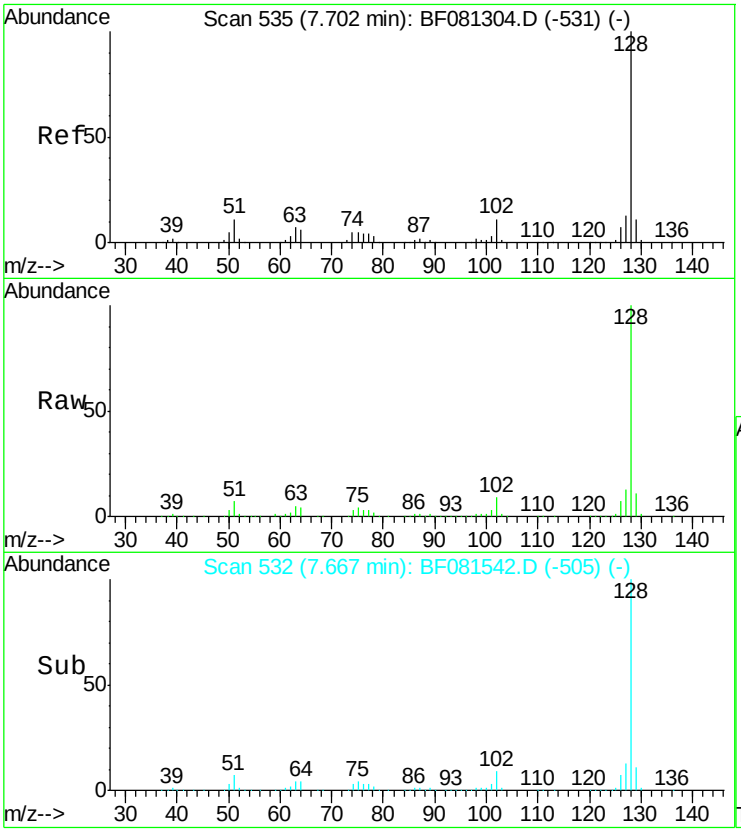


#30
1,2,4-Trichlorobenzene
Concen: 42.06 ng
RT: 7.59 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:180 Resp: 113267

Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
145	32.9	23.3	34.9

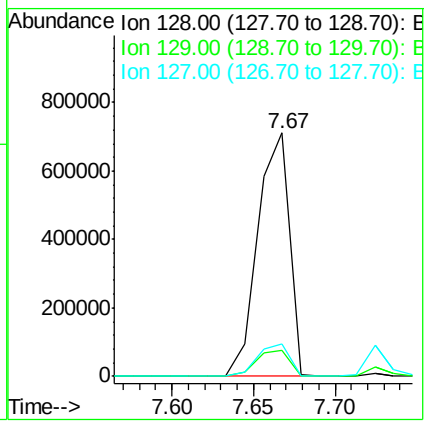




#31
Naphthalene
Concen: 101.77 ng
RT: 7.67 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

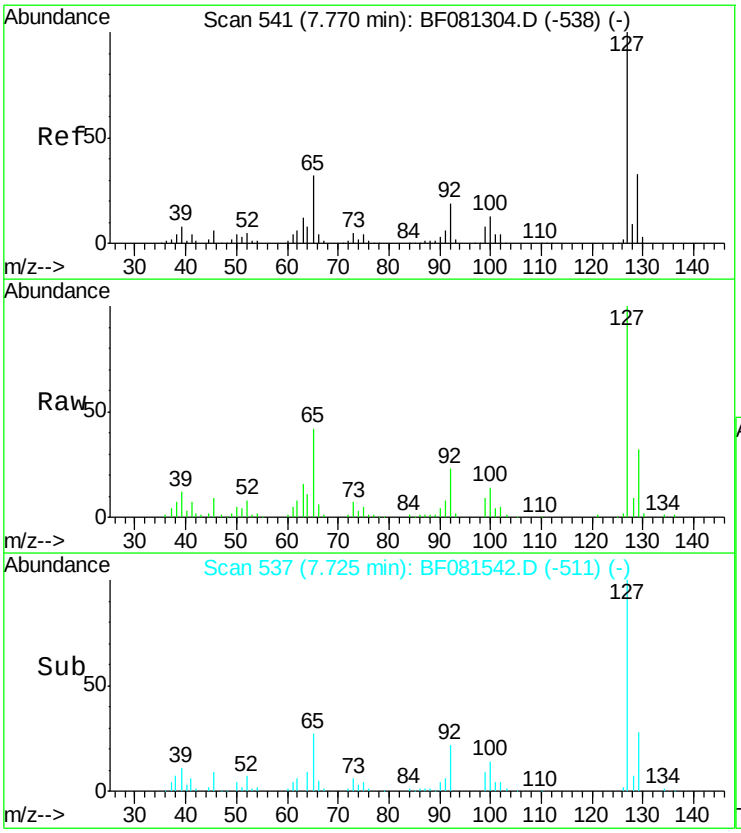
Tgt Ion:128 Resp: 957572

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.4	12.6
127	13.1	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

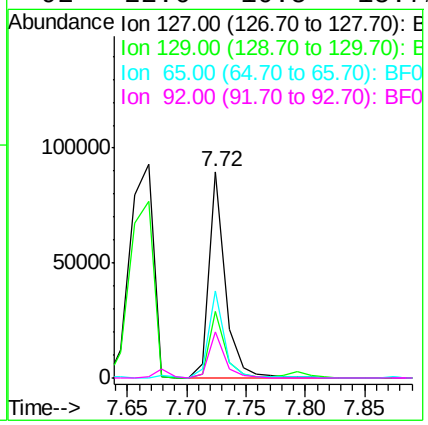
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

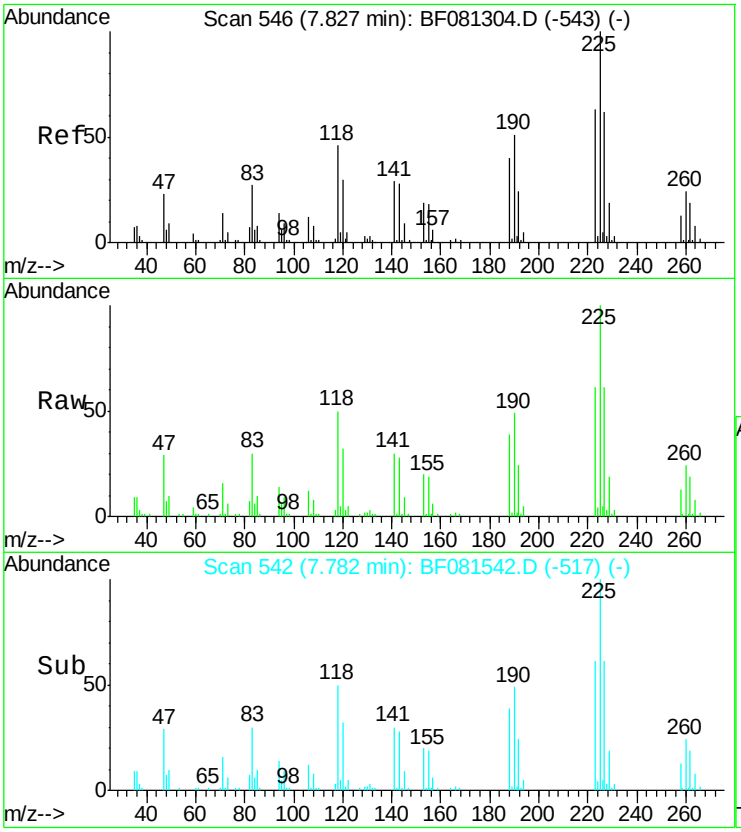


#33
4-Chloroaniline
Concen: 22.53 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:127 Resp: 86452

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.8	38.6
65	42.1	17.9	26.9#
92	22.6	10.5	15.7#

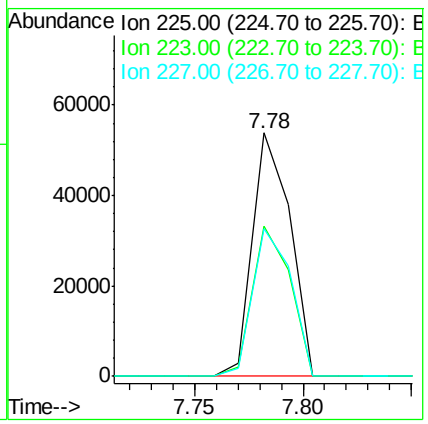




#34
Hexachlorobutadiene
Concen: 39.71 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

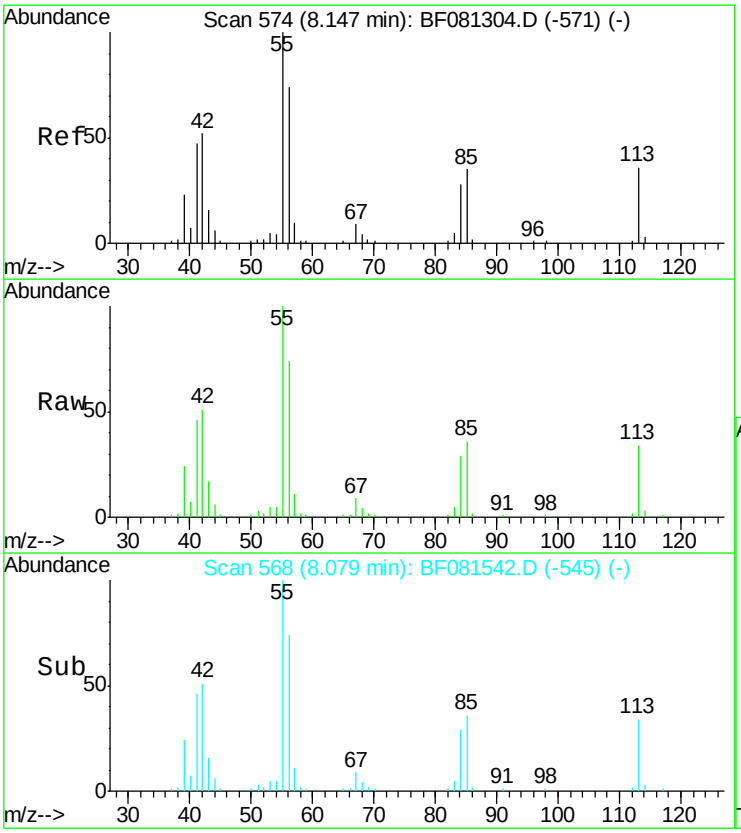
Tgt Ion:225 Resp: 65079

Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.2	75.2
227	60.7	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

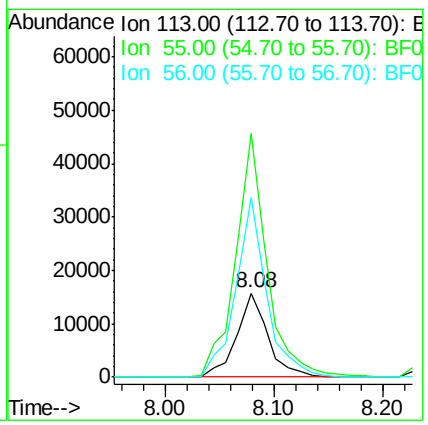
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

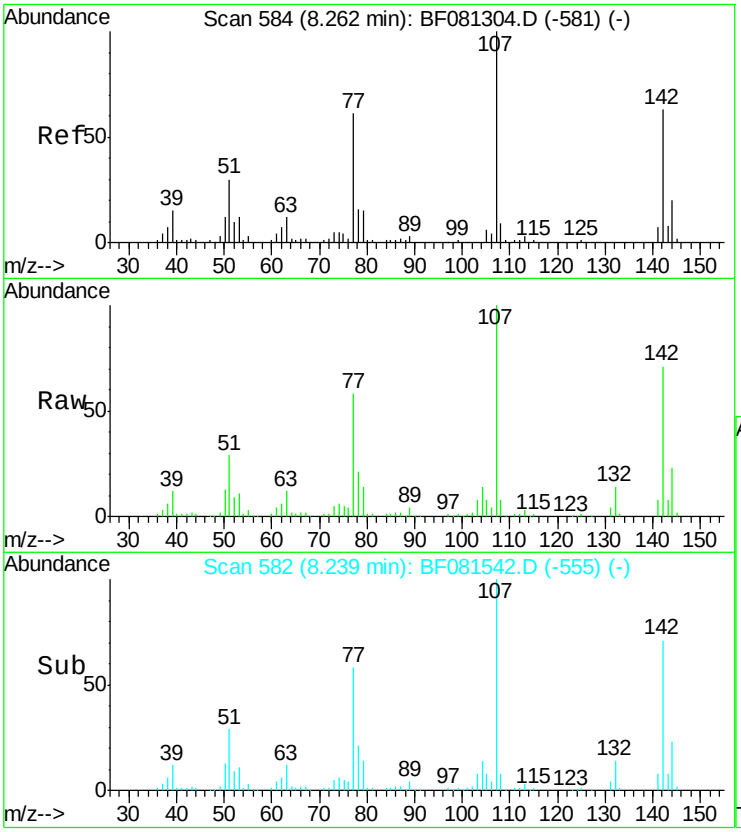


#35
Caprolactam
Concen: 40.93 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.03 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:113 Resp: 31119

Ion	Ratio	Lower	Upper
113	100		
55	290.4	152.4	192.4#
56	214.2	104.6	144.6#

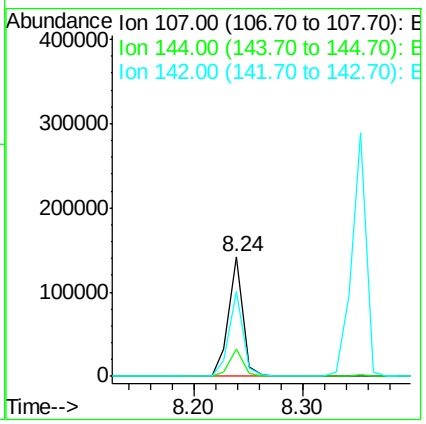




#36
4-Chloro-3-methylphenol
Concen: 47.03 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

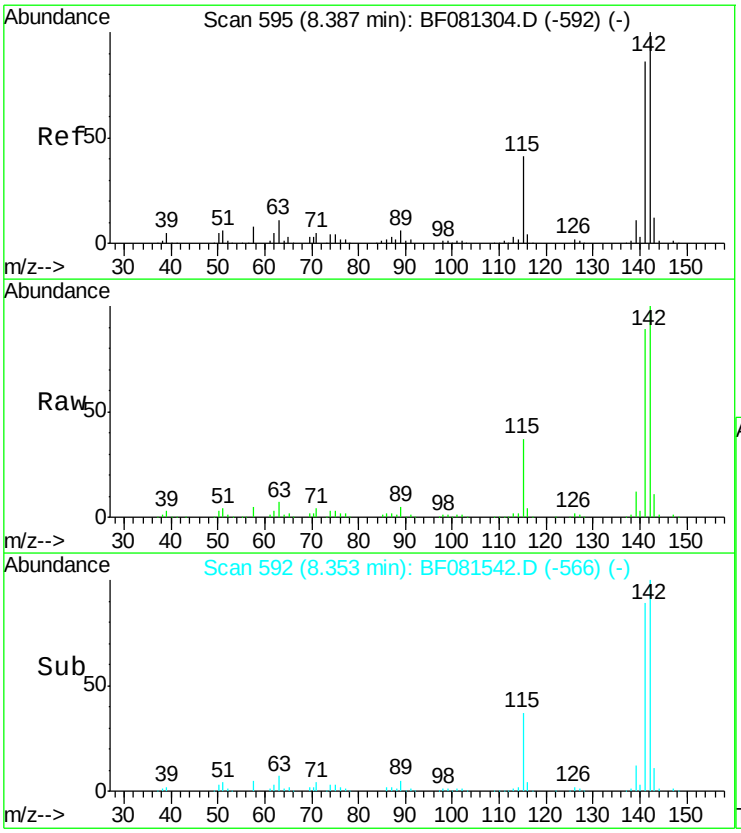
Tgt Ion:107 Resp: 130493

Ion	Ratio	Lower	Upper
107	100		
144	22.9	25.4	38.0#
142	71.0	77.3	115.9#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

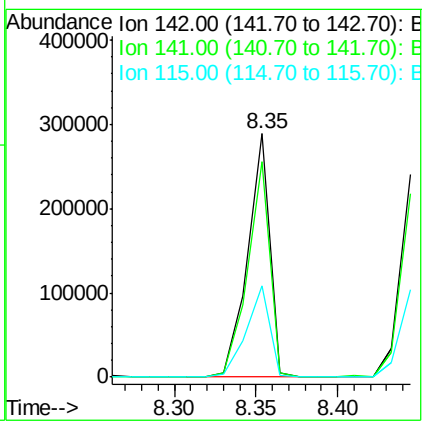
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

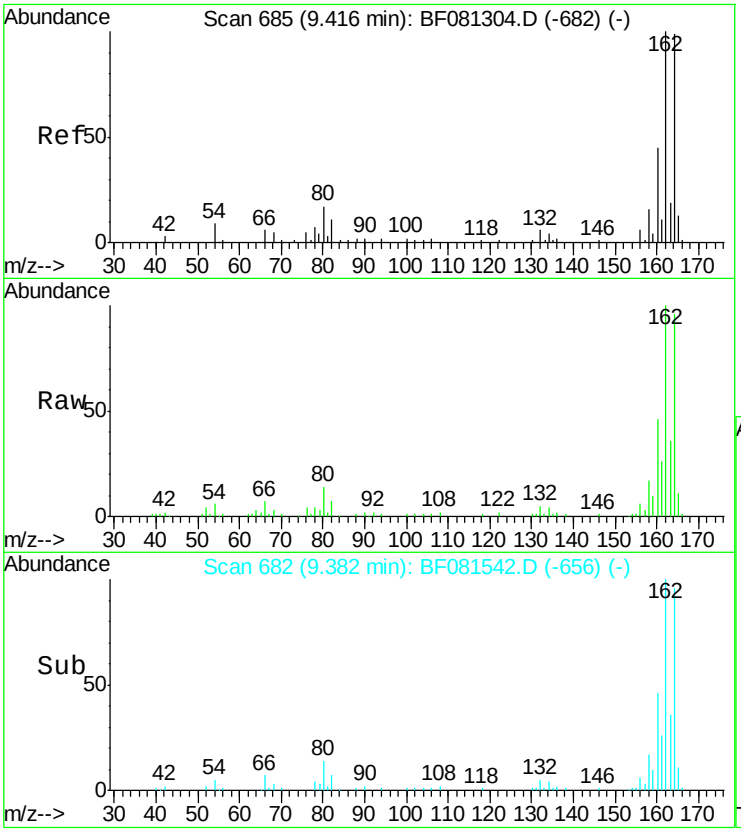


#37
2-Methylnaphthalene
Concen: 44.49 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:142 Resp: 272416

Ion	Ratio	Lower	Upper
142	100		
141	88.7	67.5	101.3
115	37.3	18.2	27.2#

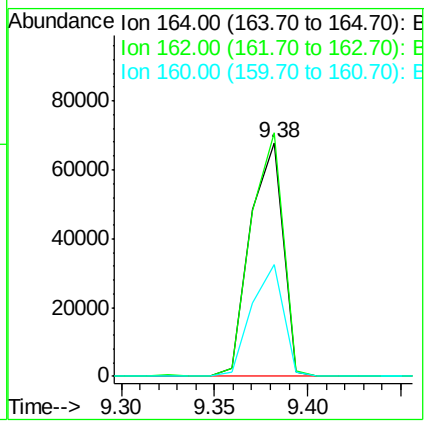




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

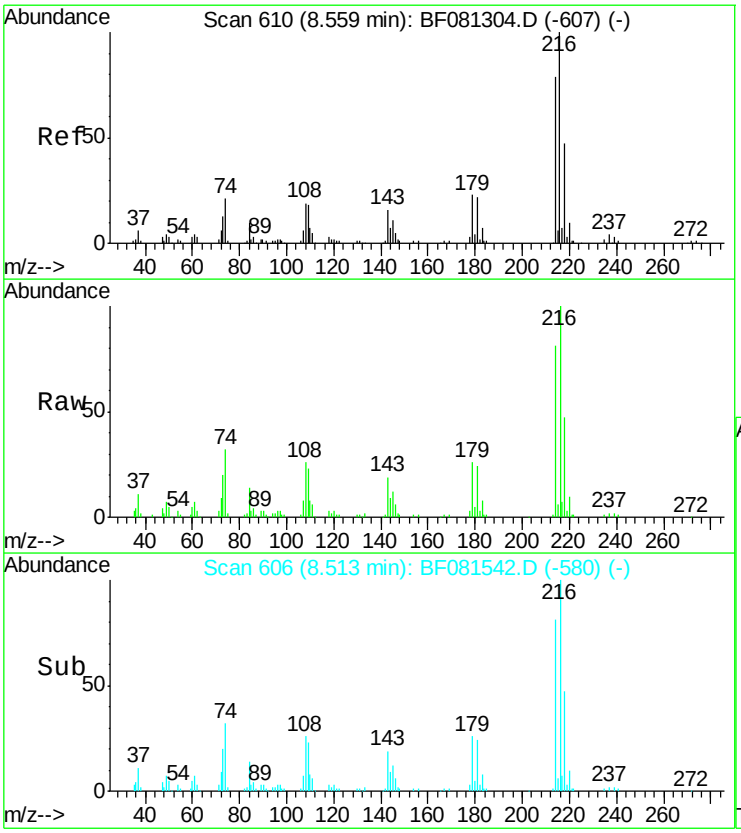
Tgt Ion:164 Resp: 82271

Ion	Ratio	Lower	Upper
164	100		
162	104.2	75.2	112.8
160	47.6	31.5	47.3#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

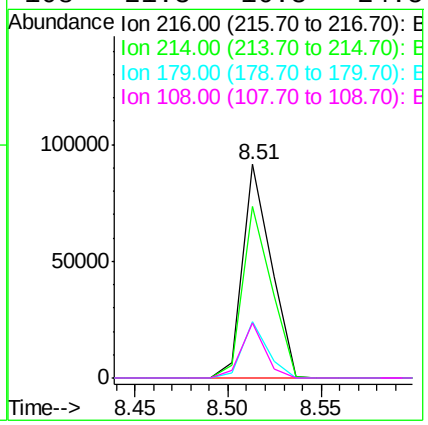
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

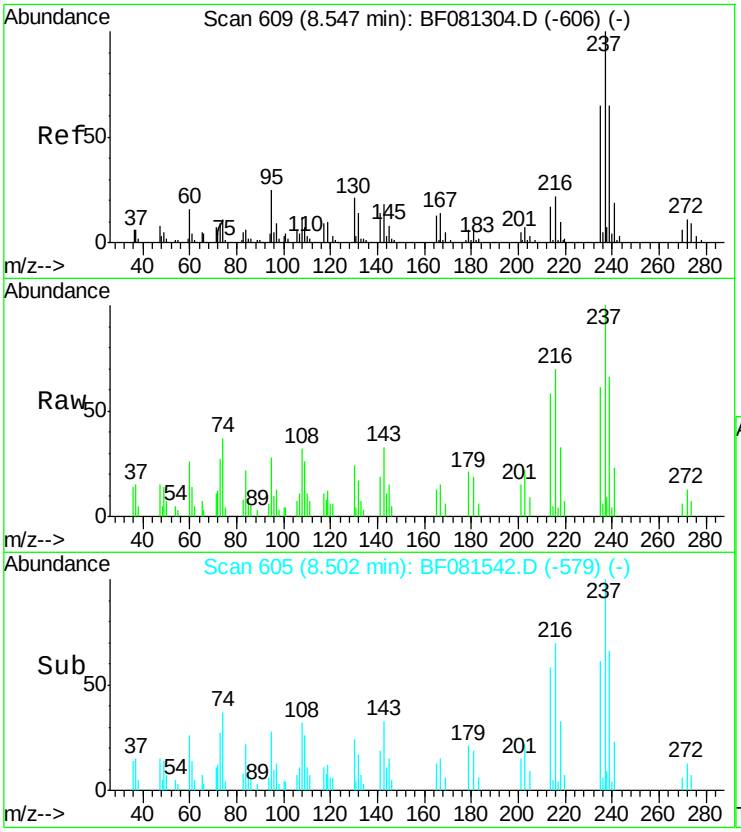


#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.57 ng
RT: 8.51 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:216 Resp: 97758

Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.5	95.3
179	23.4	16.6	24.8
108	21.3	16.3	24.5

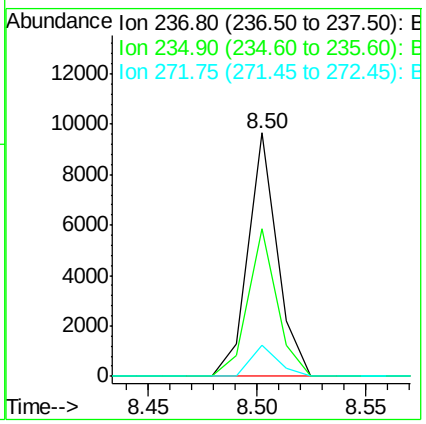




#40
Hexachlorocyclopentadiene
Concen: 7.07 ng
RT: 8.50 min Scan# 605
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

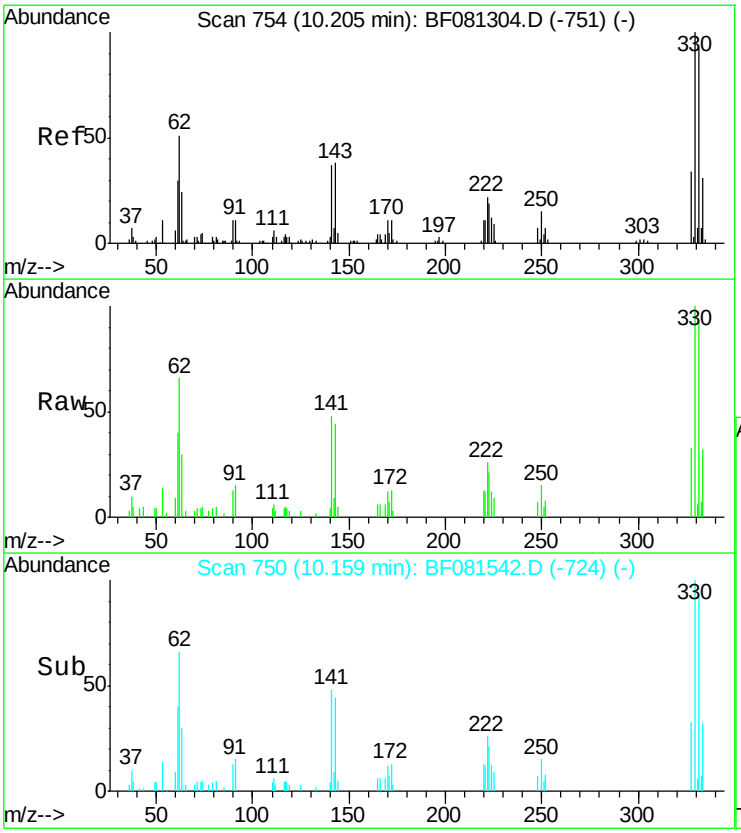
Tgt Ion:237 Resp: 9026

Ion	Ratio	Lower	Upper
237	100		
235	60.9	42.0	82.0
272	12.6	0.0	36.1



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

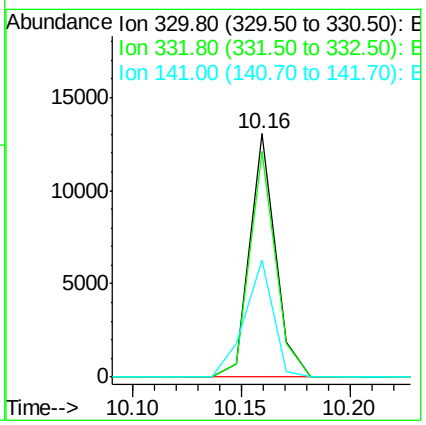
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

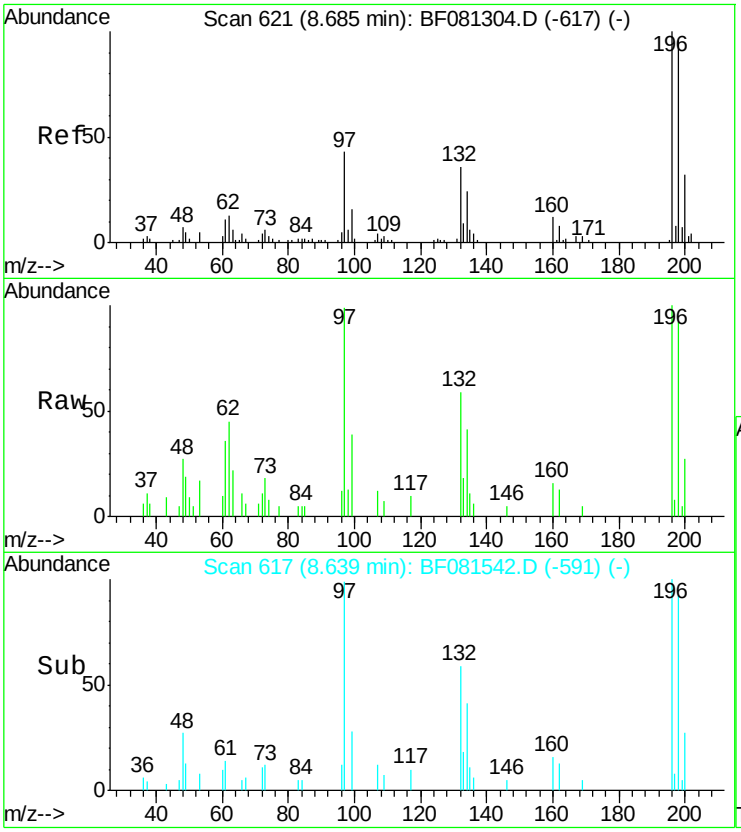


#41
2,4,6-Tribromophenol
Concen: 14.60 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:330 Resp: 10696

Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	54.1	29.7	44.5#

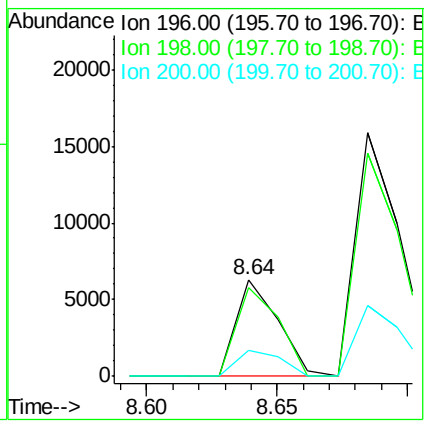




#42
2,4,6-Trichlorophenol
Concen: 3.95 ng
RT: 8.64 min Scan# 617
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

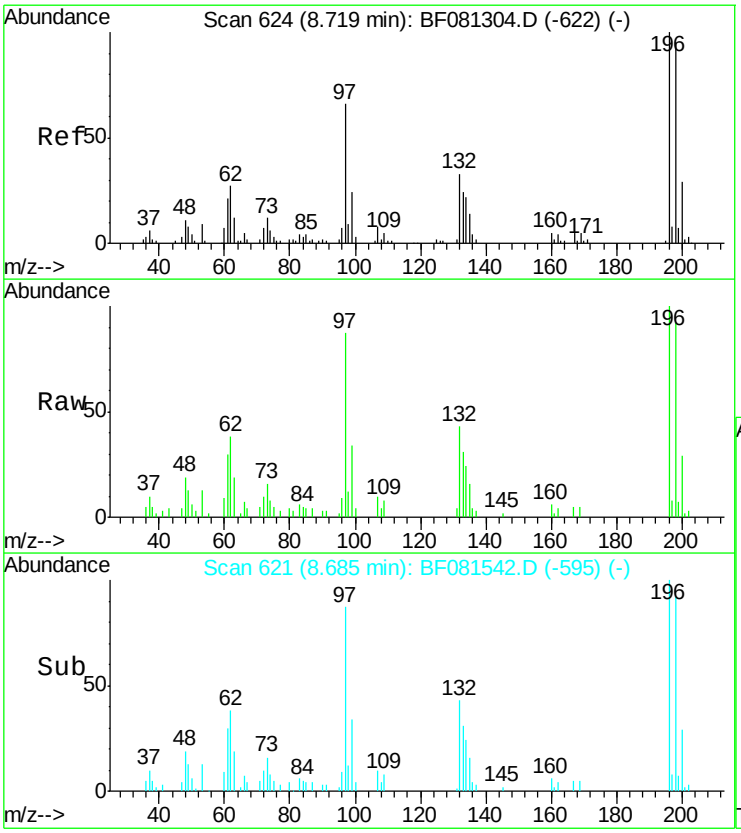
Tgt Ion:196 Resp: 7090

Ion	Ratio	Lower	Upper
196	100		
198	92.4	75.7	113.5
200	27.1	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

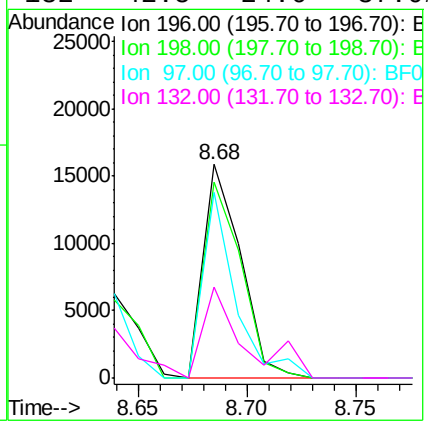
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

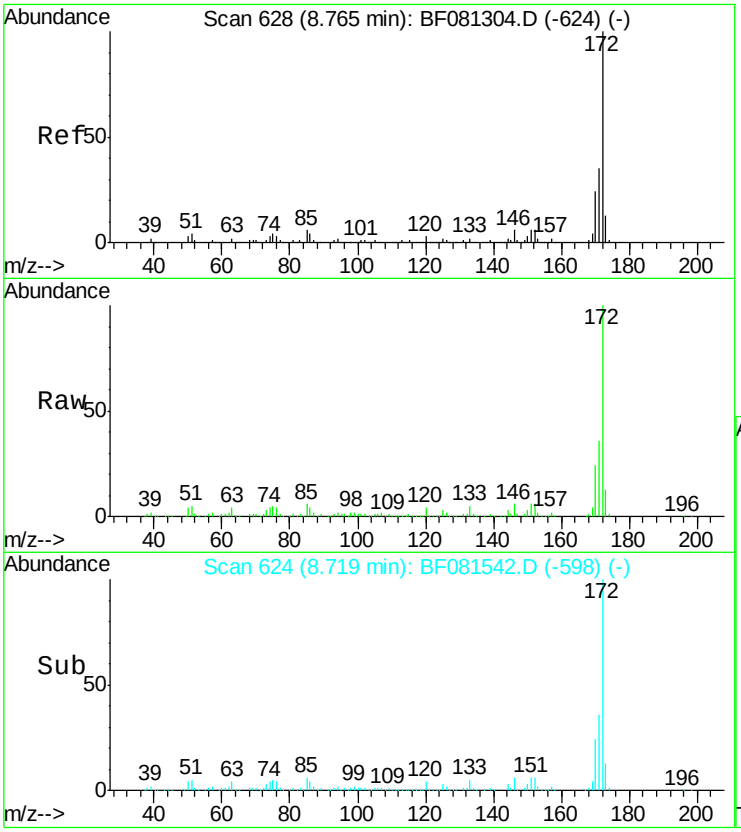


#43
2,4,5-Trichlorophenol
Concen: 10.29 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:196 Resp: 18848

Ion	Ratio	Lower	Upper
196	100		
198	91.8	75.4	113.0
97	87.0	33.3	49.9#
132	42.5	24.6	37.0#

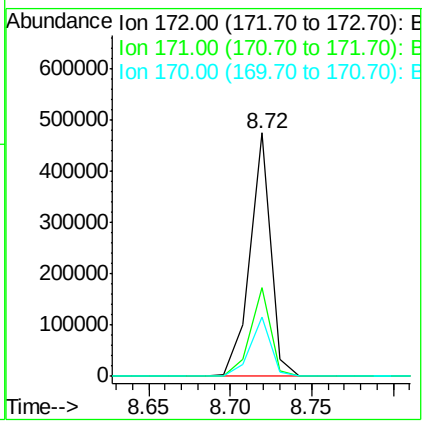




#44
2-Fluorobiphenyl
Concen: 65.47 ng
RT: 8.72 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

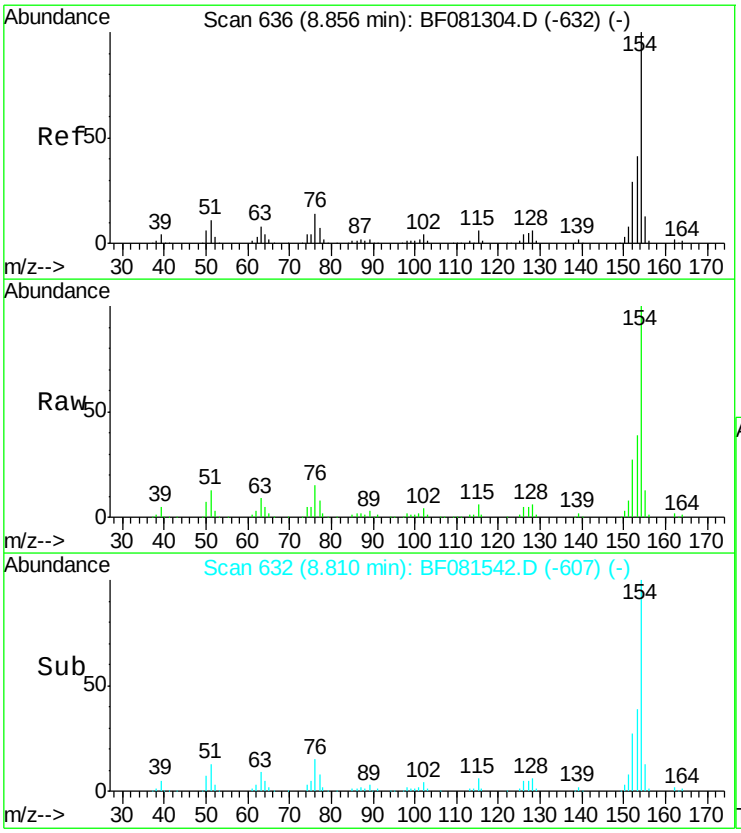
Tgt Ion:172 Resp: 420333

Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.5	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

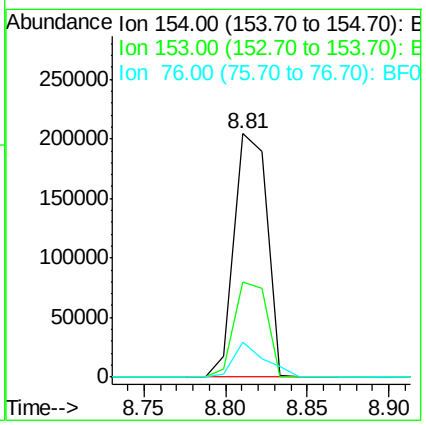
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

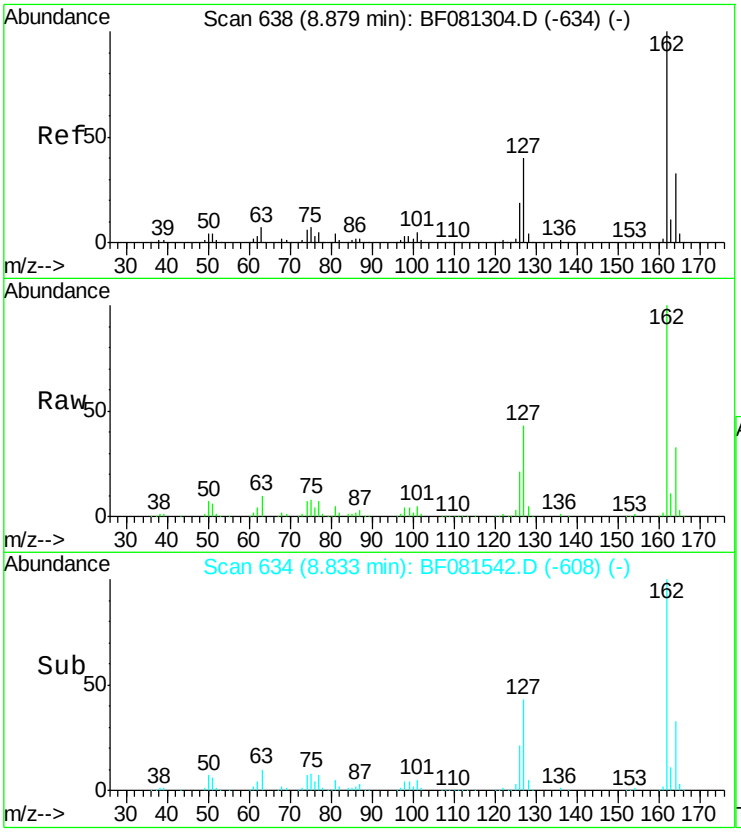


#45
1,1'-Biphenyl
Concen: 37.41 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:154 Resp: 283174

Ion	Ratio	Lower	Upper
154	100		
153	39.0	17.1	57.1
76	14.6	0.0	31.6

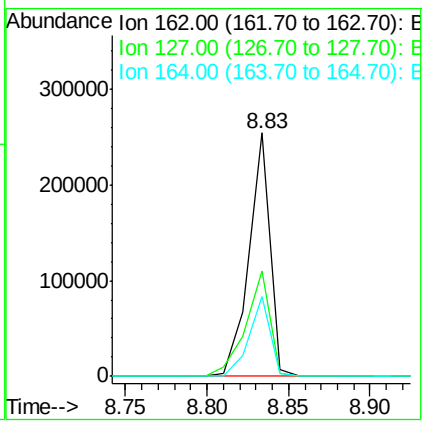




#46
2-Chloronaphthalene
Concen: 41.87 ng
RT: 8.83 min Scan# 634
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

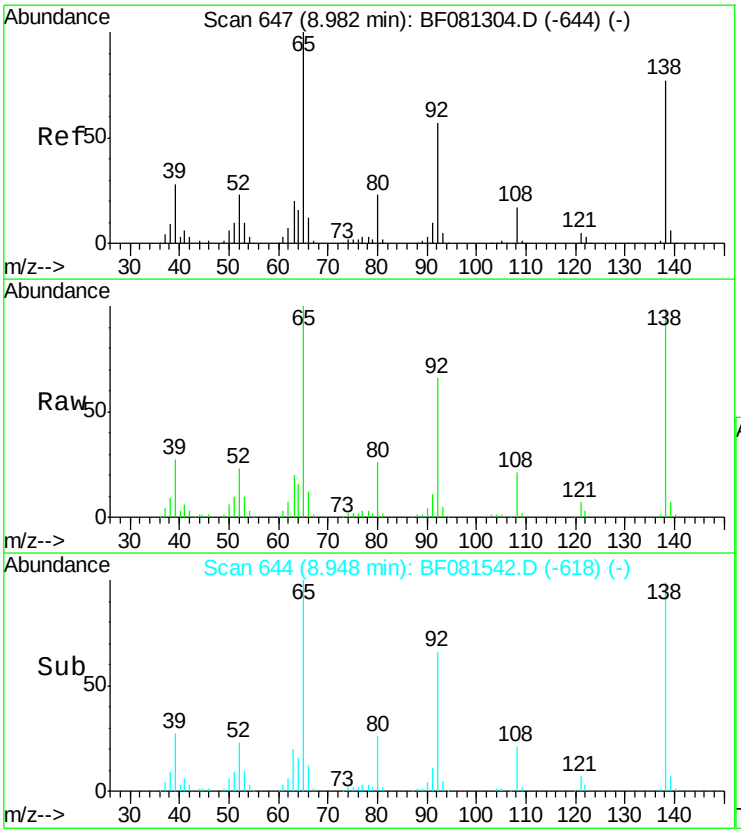
Tgt Ion:162 Resp: 228872

Ion	Ratio	Lower	Upper
162	100		
127	43.4	27.6	41.4#
164	32.7	25.4	38.2



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

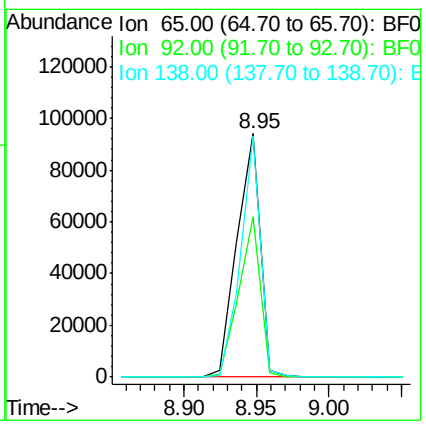
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

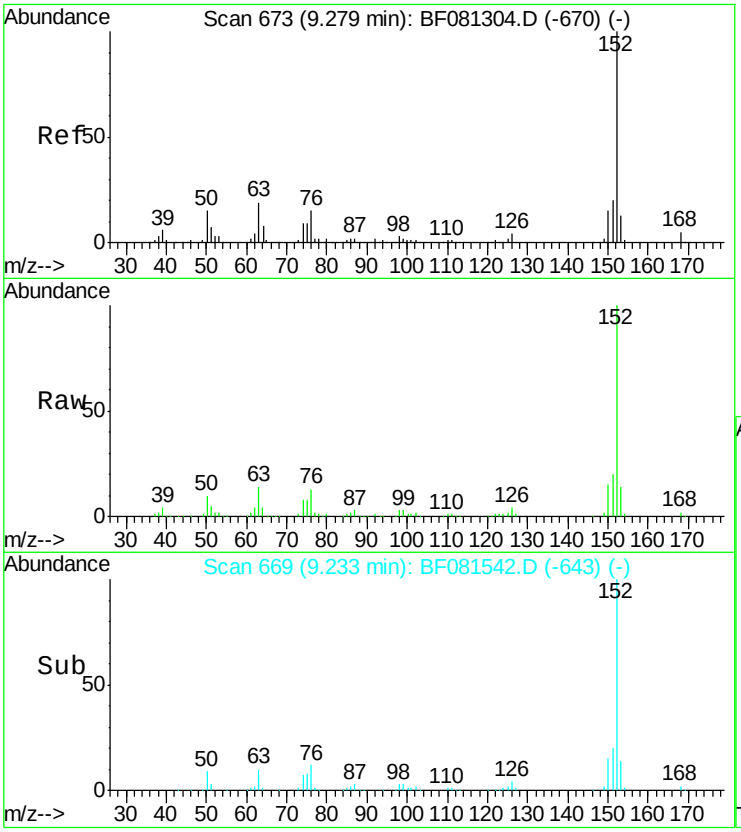


#47
2-Nitroaniline
Concen: 46.90 ng
RT: 8.95 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion: 65 Resp: 104485

Ion	Ratio	Lower	Upper
65	100		
92	65.9	55.4	83.0
138	98.8	115.5	173.3#

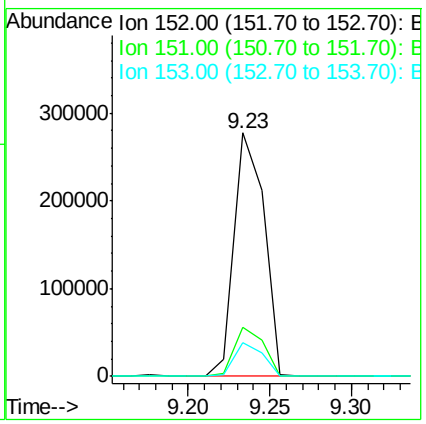




#48
Acenaphthylene
Concen: 36.20 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

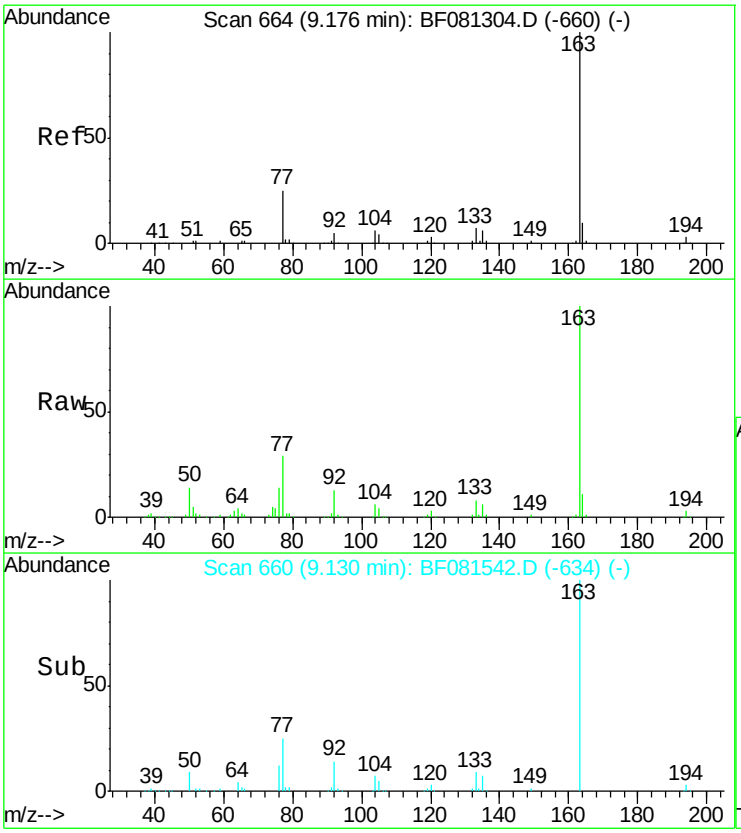
Tgt Ion:152 Resp: 351047

Ion	Ratio	Lower	Upper
152	100		
151	20.4	14.6	22.0
153	13.7	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

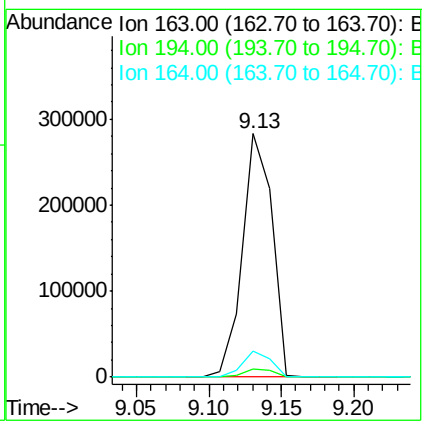
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

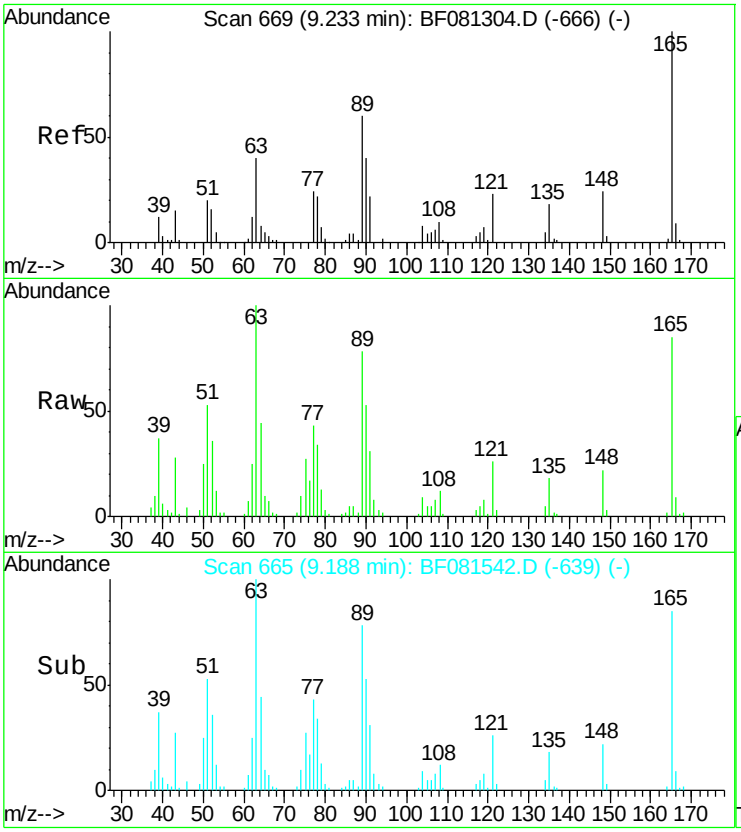


#49
Dimethylphthalate
Concen: 62.71 ng
RT: 9.13 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:163 Resp: 400876

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.5	8.3	12.5

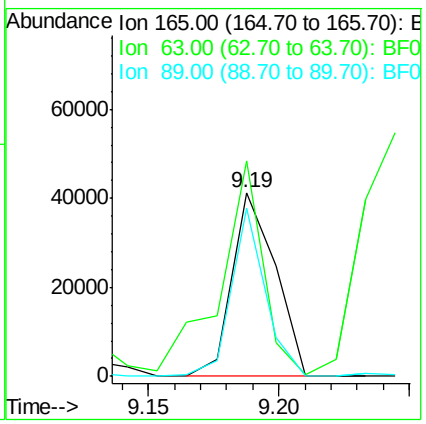




#50
2,6-Dinitrotoluene
Concen: 33.21 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

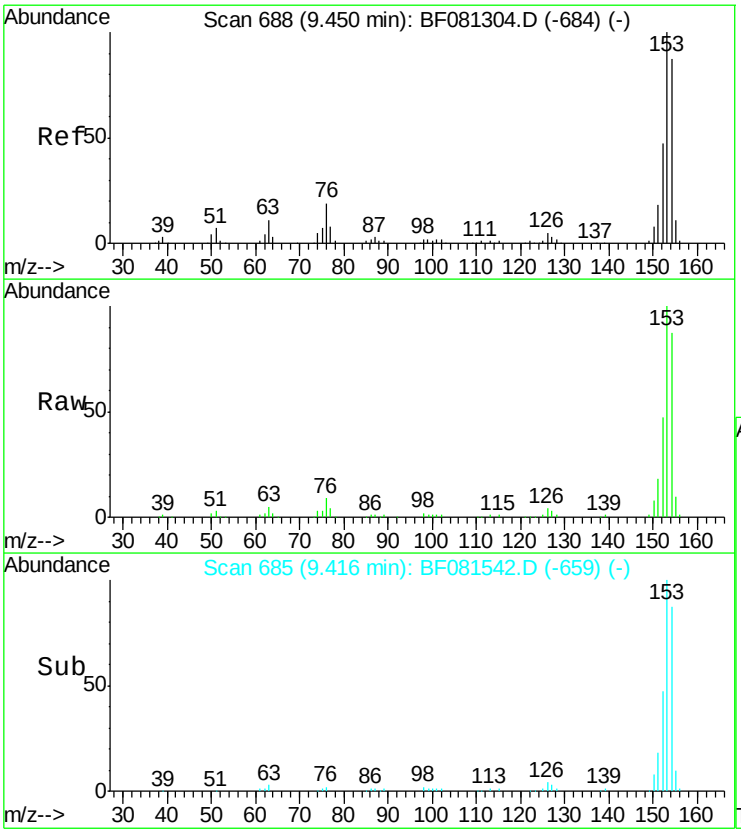
Tgt Ion:165 Resp: 48184

Ion	Ratio	Lower	Upper
165	100		
63	117.4	32.3	48.5#
89	91.2	28.6	43.0#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

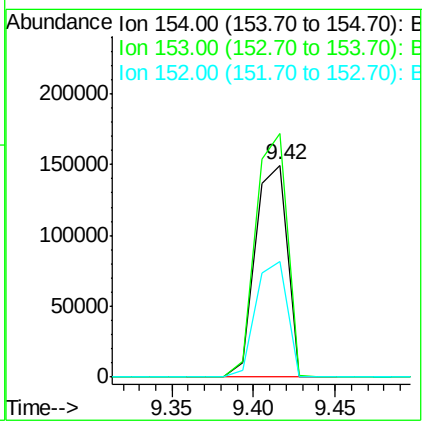
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

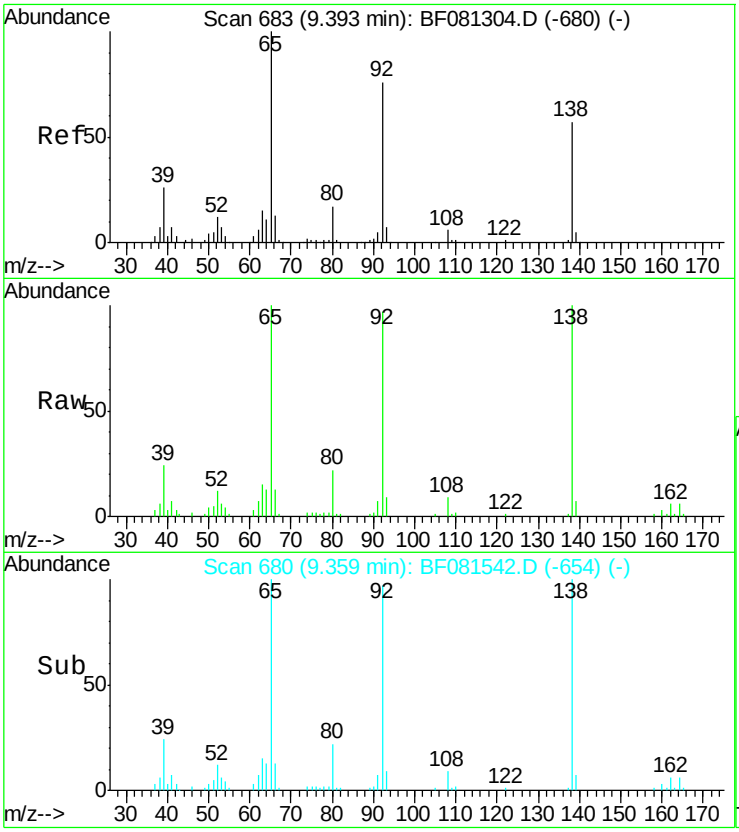


#51
Acenaphthene
Concen: 37.04 ng
RT: 9.42 min Scan# 685
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:154 Resp: 204333

Ion	Ratio	Lower	Upper
154	100		
153	114.8	82.1	123.1
152	54.4	37.9	56.9

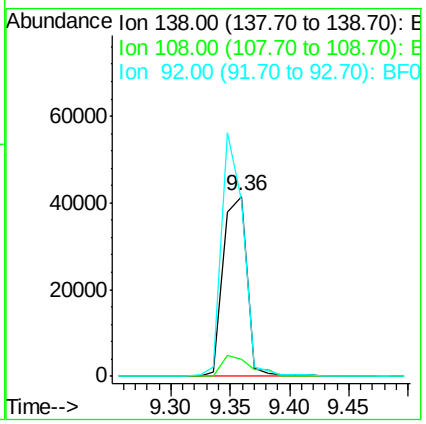




#52
3-Nitroaniline
Concen: 34.93 ng
RT: 9.36 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

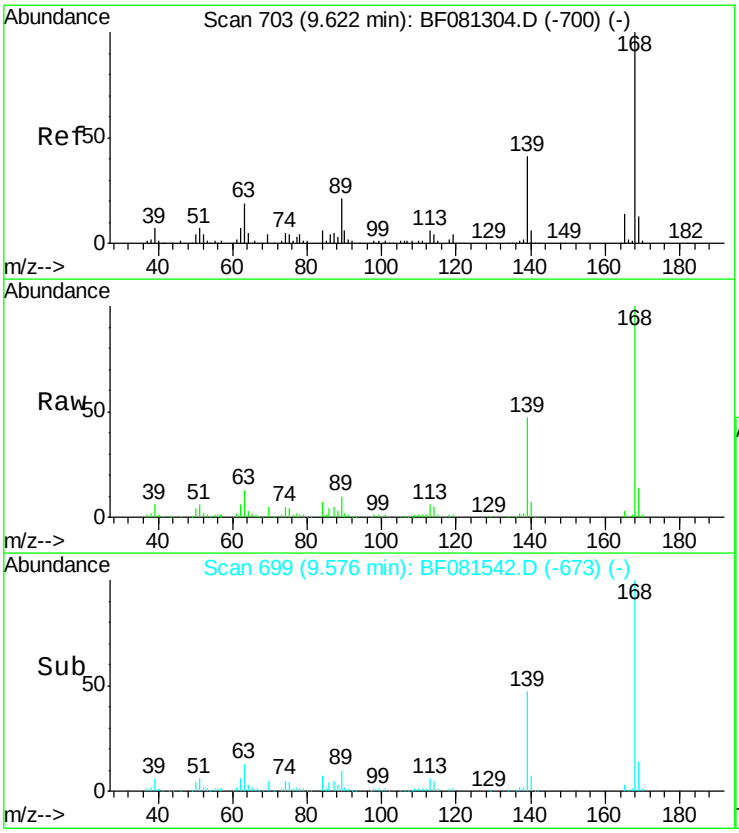
Tgt Ion:138 Resp: 57692

Ion	Ratio	Lower	Upper
138	100		
108	9.3	5.7	8.5#
92	97.4	67.7	101.5



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

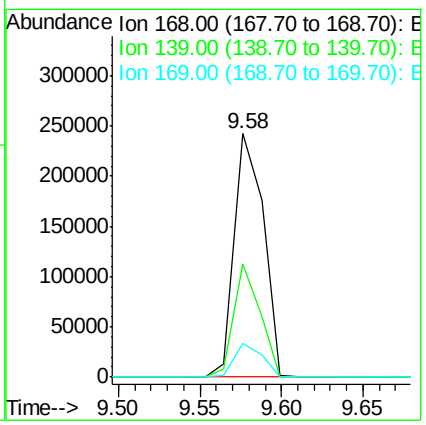
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

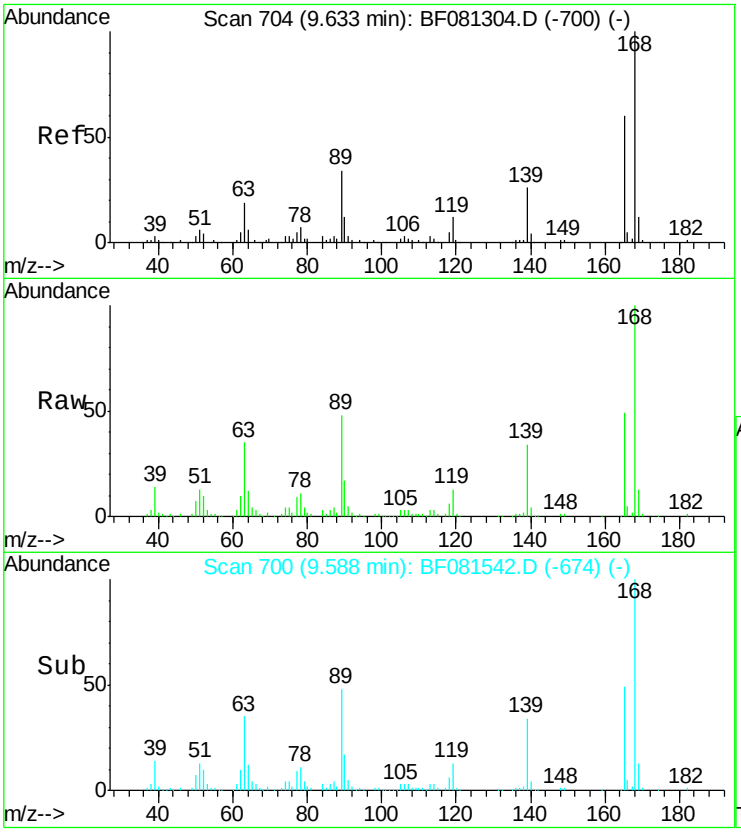


#54
Dibenzofuran
Concen: 37.02 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:168 Resp: 298200

Ion	Ratio	Lower	Upper
168	100		
139	46.6	24.2	36.2#
169	13.8	10.6	15.8

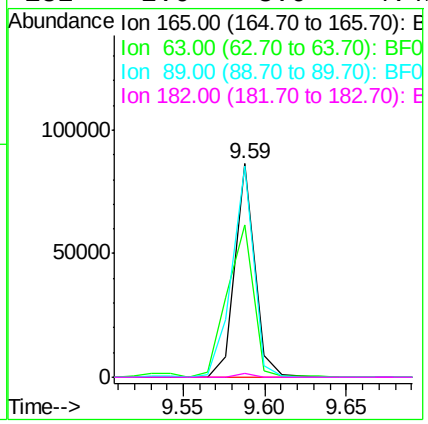




#56
2,4-Dinitrotoluene
Concen: 38.82 ng
RT: 9.59 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

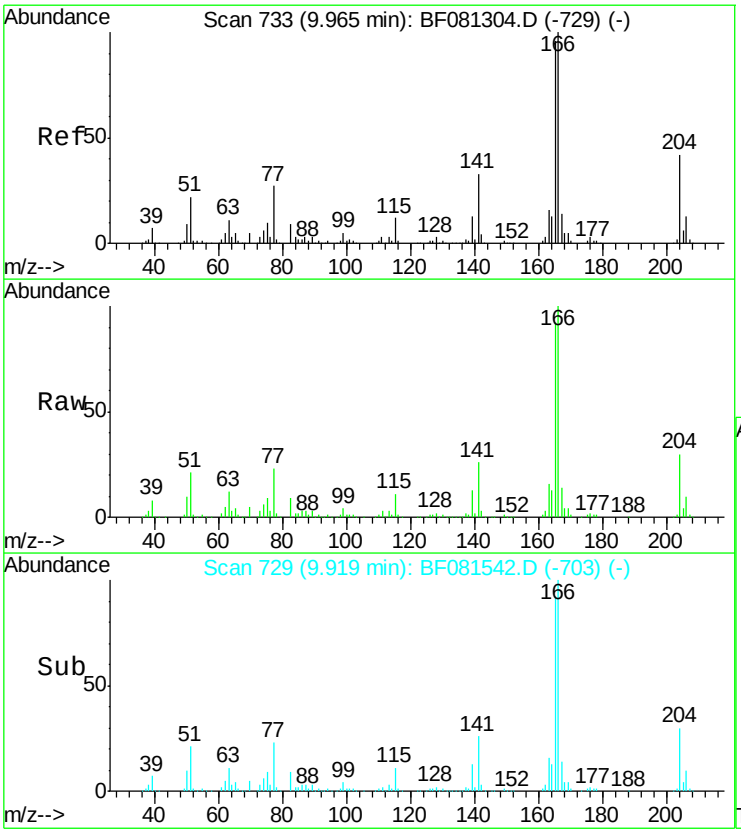
Tgt Ion:165 Resp: 71708

Ion	Ratio	Lower	Upper
165	100		
63	71.4	29.8	44.6#
89	99.0	44.5	66.7#
182	2.0	3.0	4.4#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

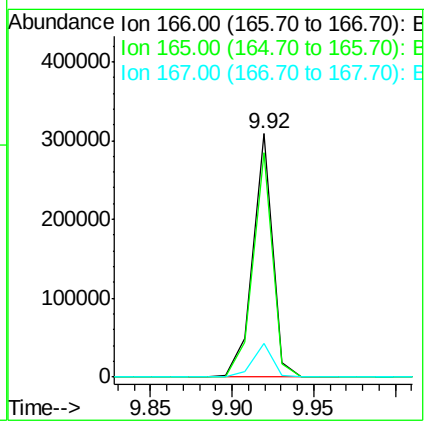
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

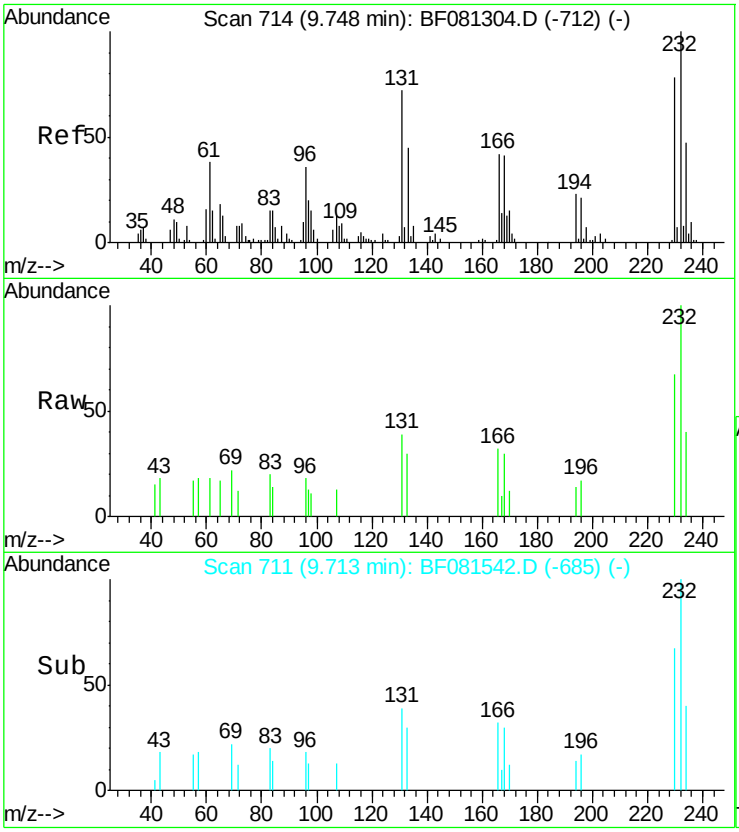


#57
Fluorene
Concen: 42.41 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:166 Resp: 259219

Ion	Ratio	Lower	Upper
166	100		
165	92.3	72.6	109.0
167	13.9	10.6	16.0

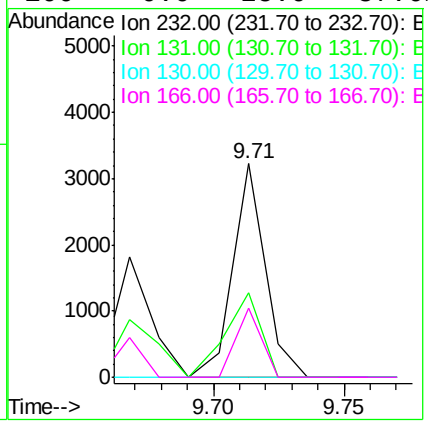




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.01 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

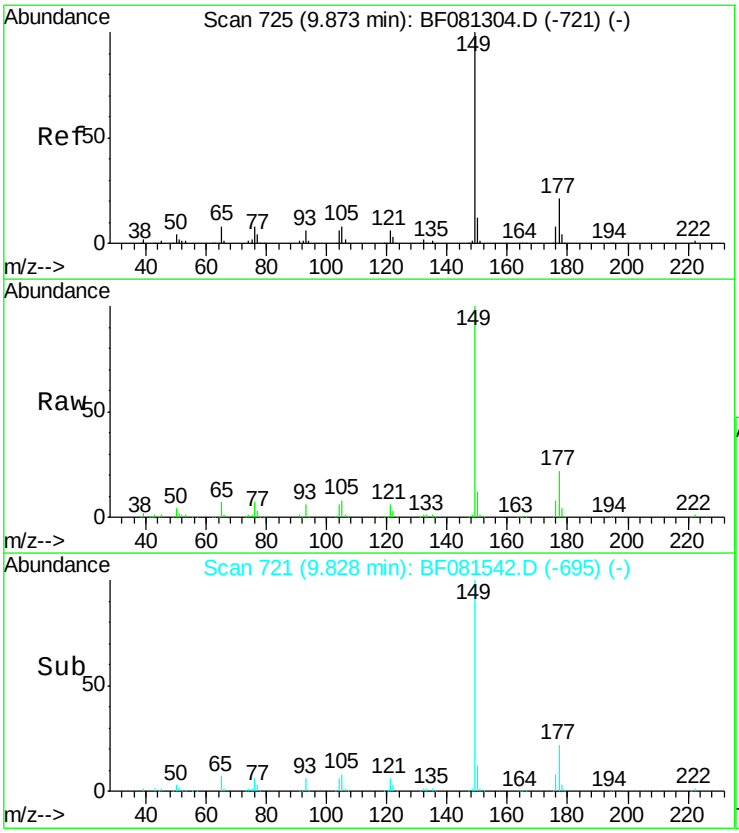
Tgt Ion:232 Resp: 2814

Ion	Ratio	Lower	Upper
232	100		
131	43.2	38.5	57.7
130	0.0	1.8	2.6#
166	0.0	25.0	37.6#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

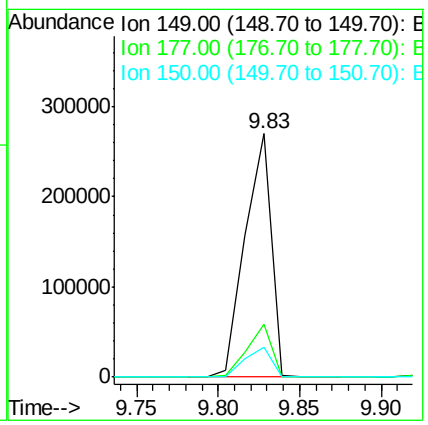
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

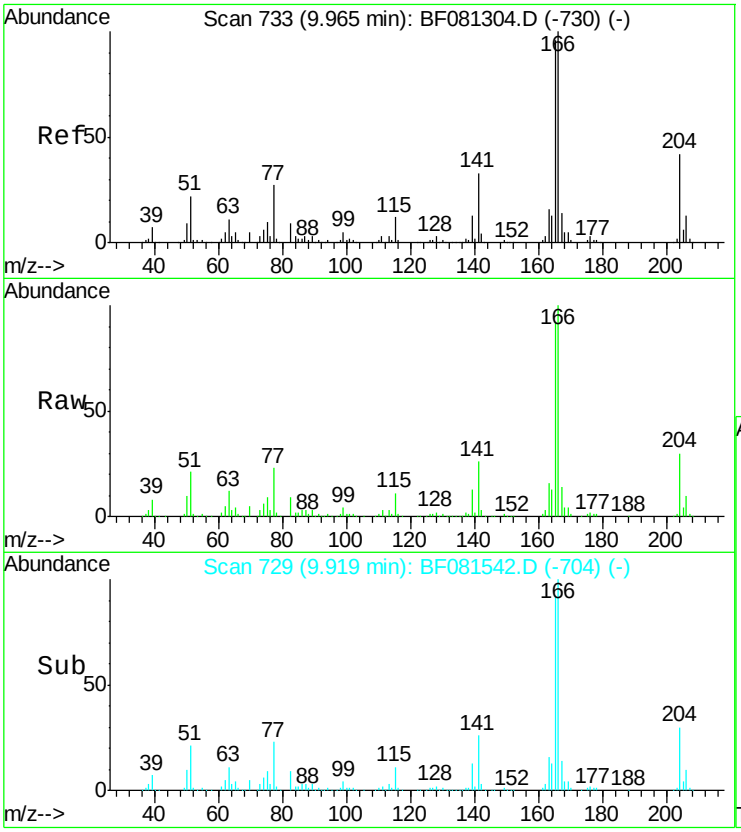


#59
Diethylphthalate
Concen: 44.62 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:149 Resp: 300015

Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.5	26.3
150	12.3	9.4	14.2





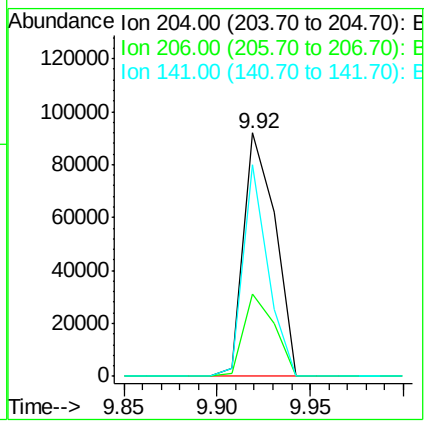
#60
4-Chlorophenyl-phenylether
Concen: 37.82 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

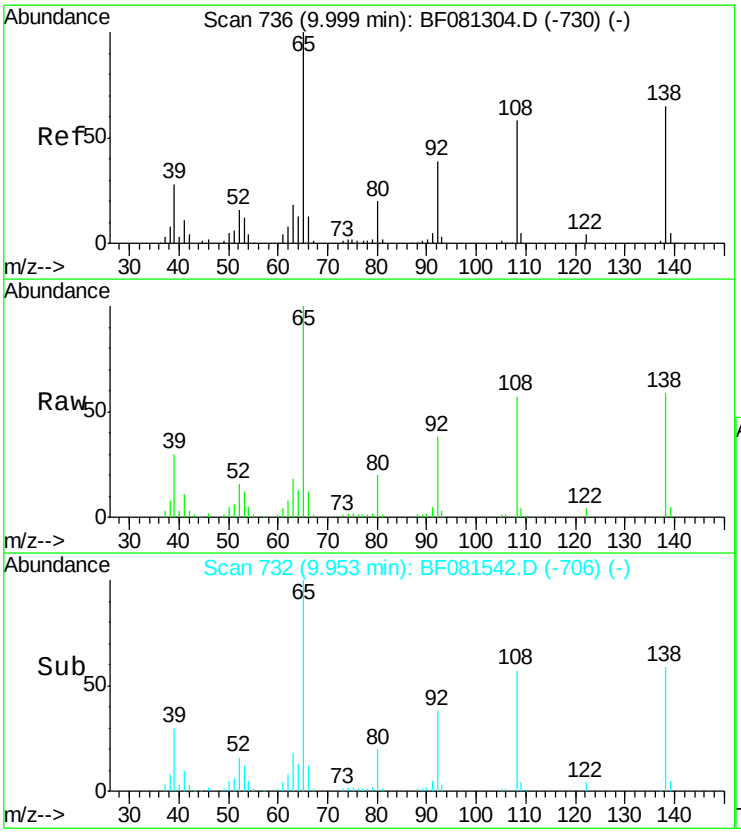
Tgt Ion:204 Resp: 107748

Ion	Ratio	Lower	Upper
204	100		
206	33.7	24.8	37.2
141	86.9	42.2	63.4#

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

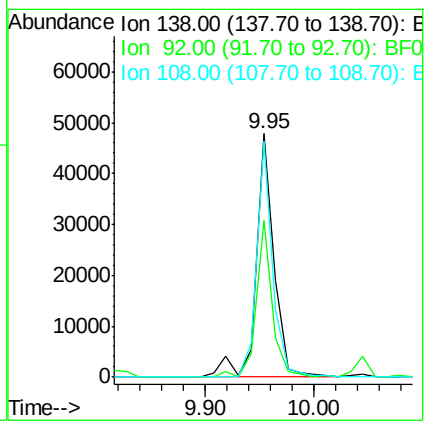


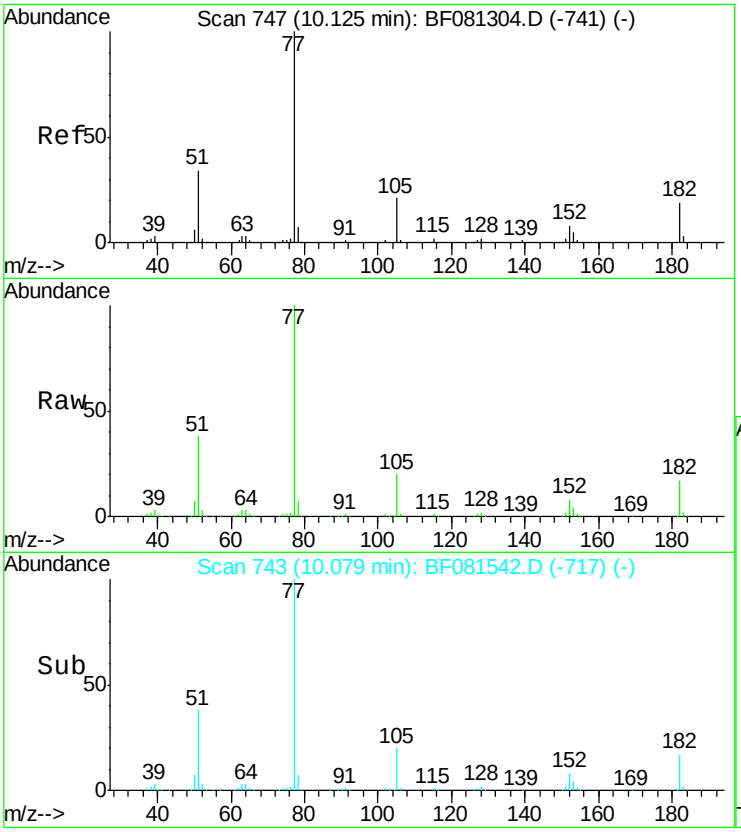


#61
4-Nitroaniline
Concen: 33.27 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:138 Resp: 55513

Ion	Ratio	Lower	Upper
138	100		
92	64.1	12.6	52.6#
108	97.2	12.4	52.4#

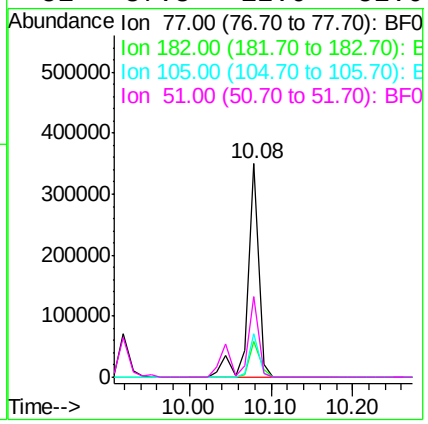




#62
Azobenzene
Concen: 42.48 ng
RT: 10.08 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

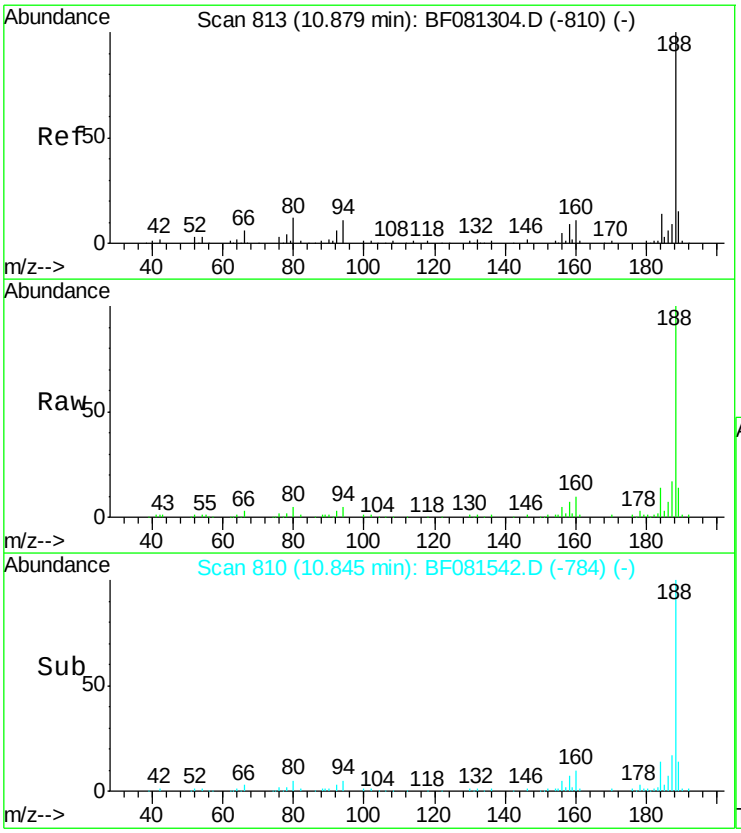
Tgt Ion: 77 Resp: 317563

Ion	Ratio	Lower	Upper
77	100		
182	17.0	15.1	55.1
105	20.2	3.4	43.4
51	37.8	12.0	52.0



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

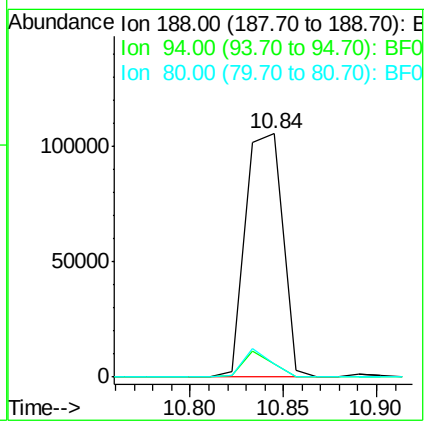
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

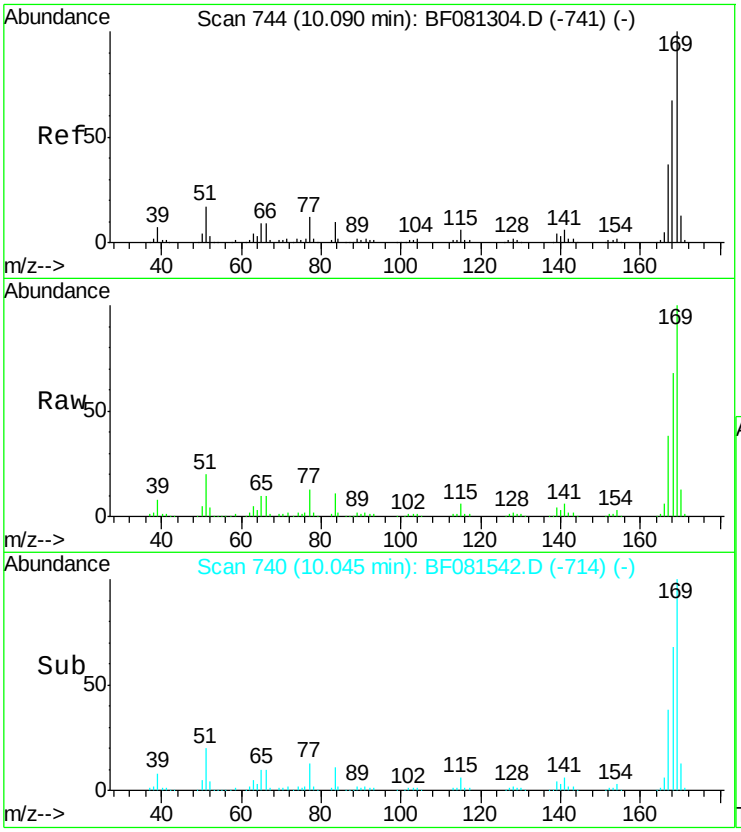


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.84 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:188 Resp: 145858

Ion	Ratio	Lower	Upper
188	100		
94	5.2	11.1	16.7#
80	5.4	11.0	16.4#

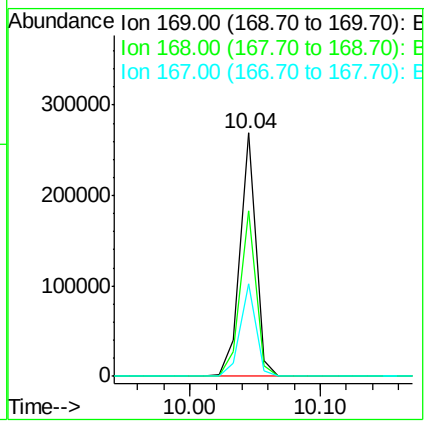




#65
n-Nitrosodiphenylamine
Concen: 42.55 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

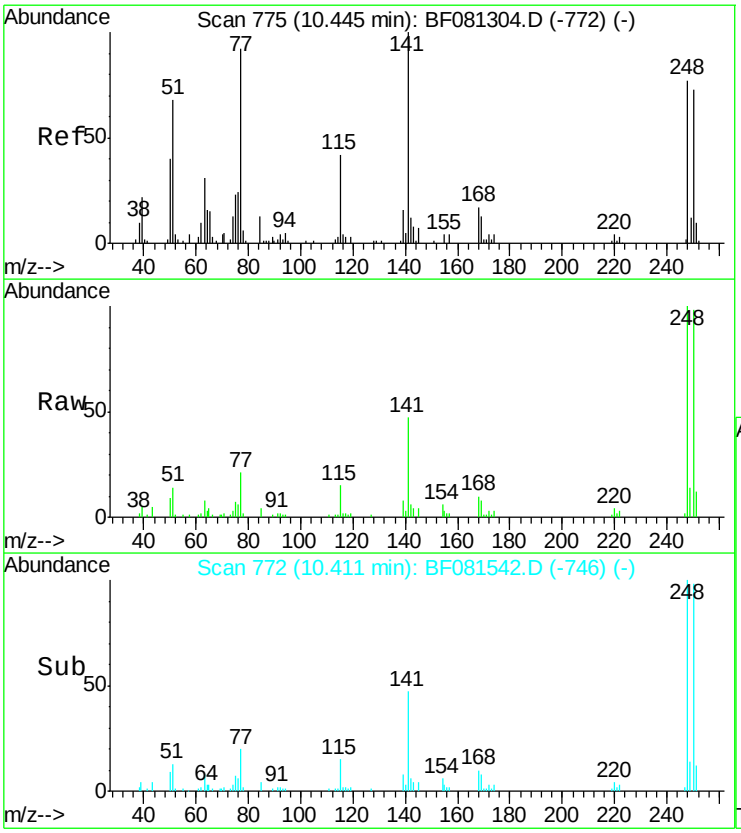
Tgt Ion:169 Resp: 225834

Ion	Ratio	Lower	Upper
169	100		
168	68.0	48.9	73.3
167	37.9	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

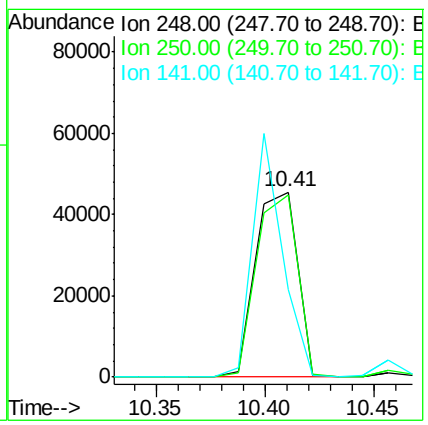
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

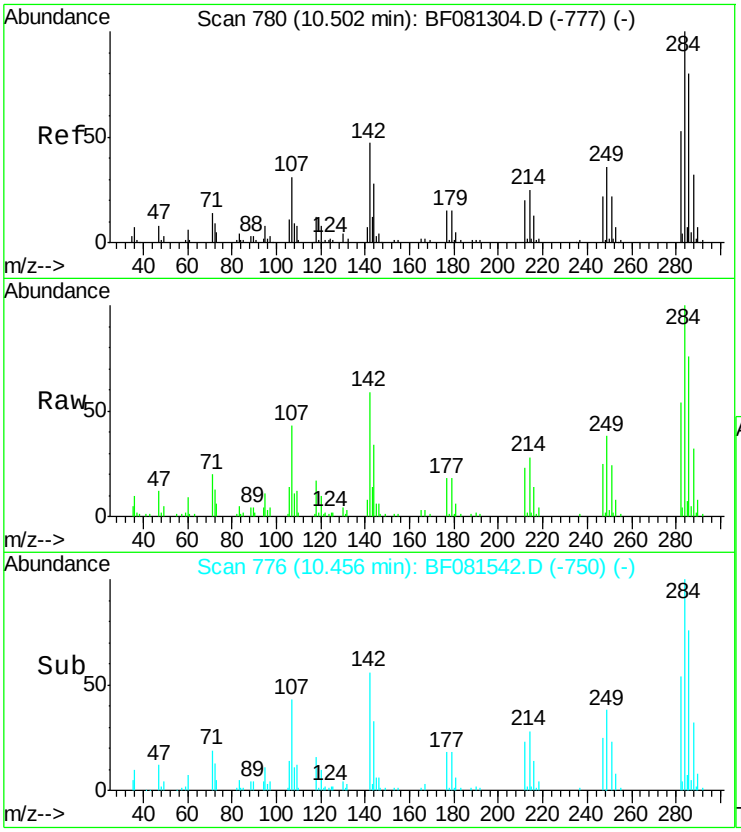


#66
4-Bromophenyl-phenylether
Concen: 41.89 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:248 Resp: 61787

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.5	117.7
141	47.2	59.0	88.6#

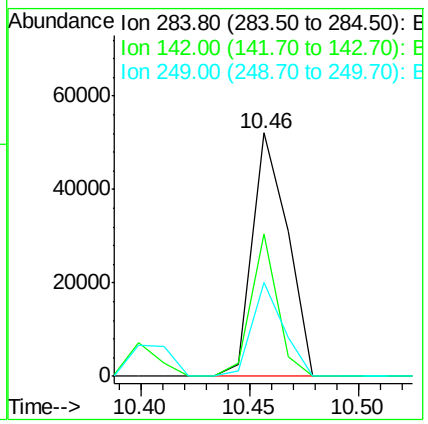




#67
Hexachlorobenzene
Concen: 38.17 ng
RT: 10.46 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

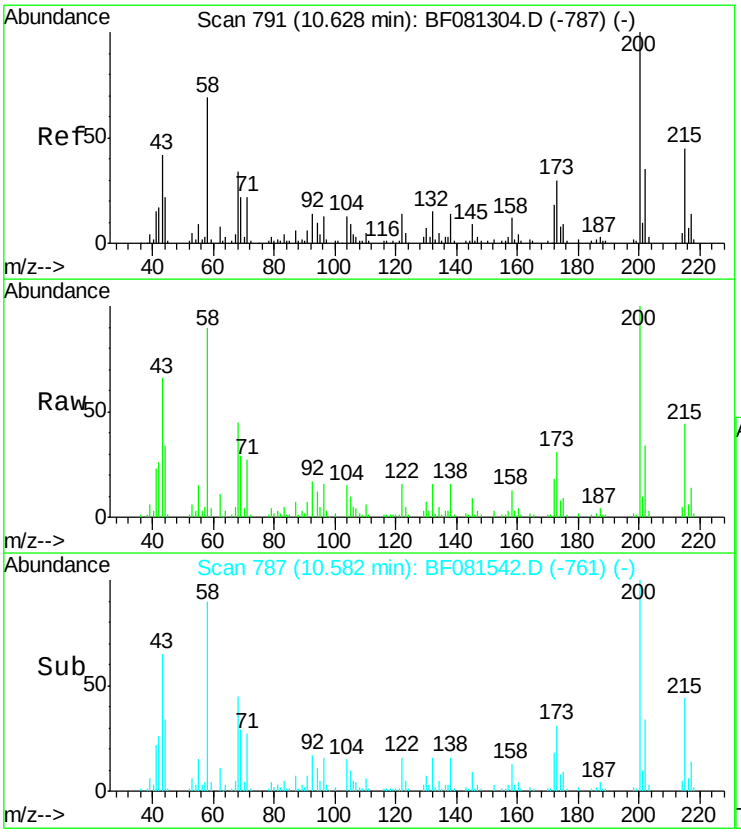
Tgt Ion:284 Resp: 58863

Ion	Ratio	Lower	Upper
284	100		
142	58.7	29.5	44.3#
249	38.4	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

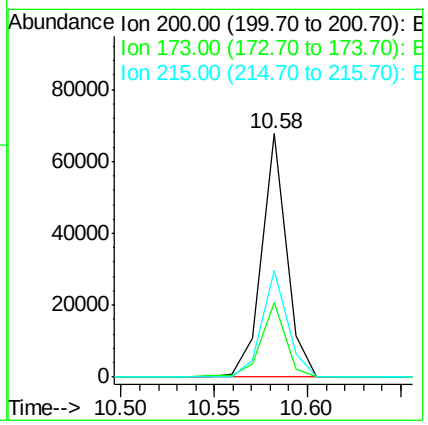
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

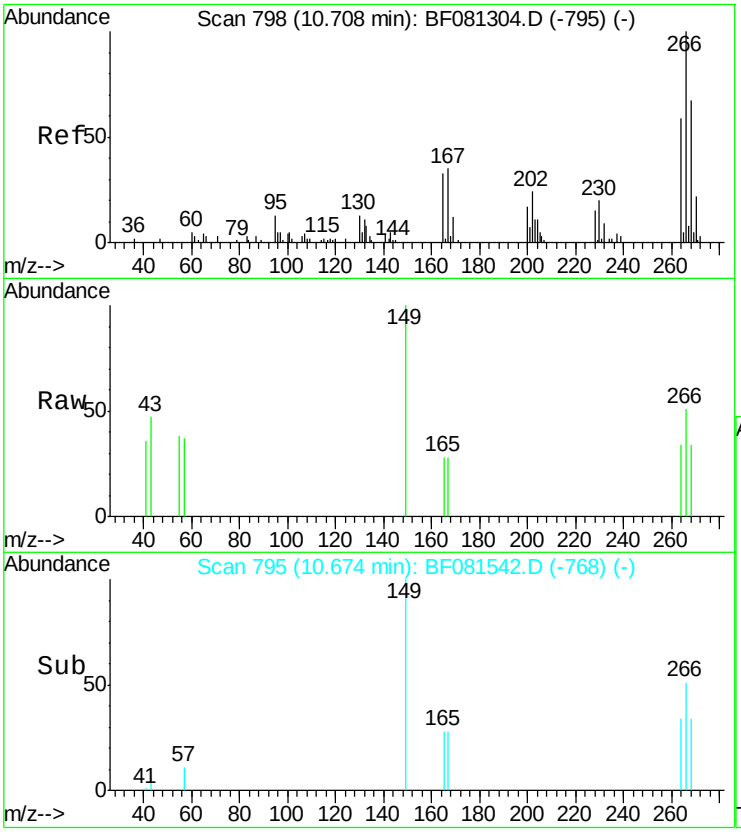


#68
Atrazine
Concen: 40.58 ng
RT: 10.58 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:200 Resp: 62330

Ion	Ratio	Lower	Upper
200	100		
173	30.5	13.2	53.2
215	43.6	41.8	81.8

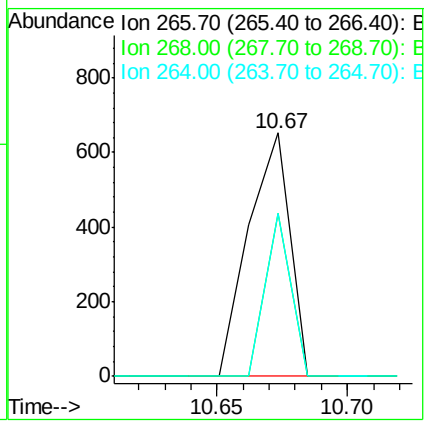




#69
Pentachlorophenol
Concen: 9.61 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

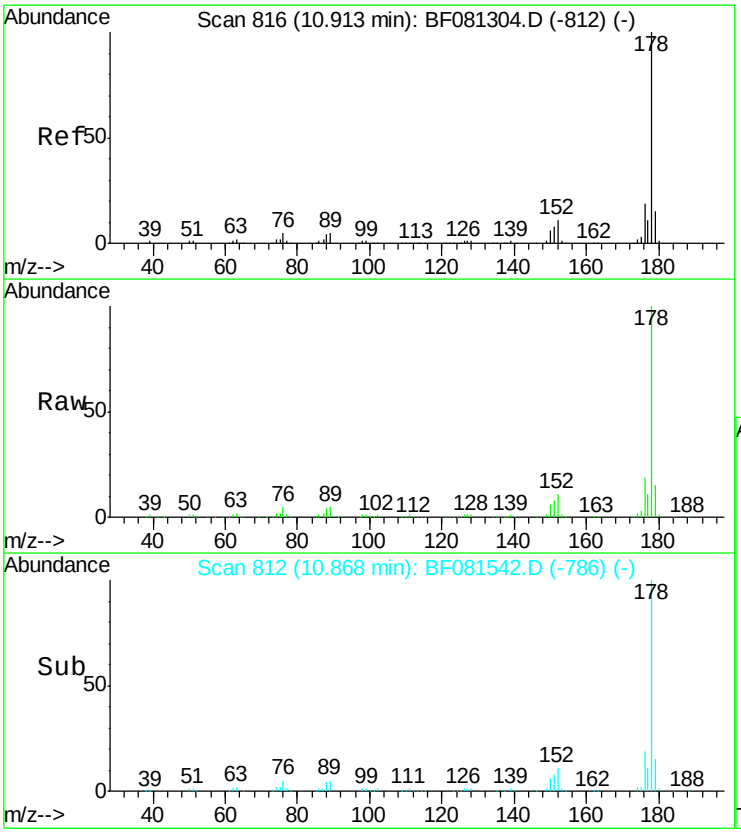
Tgt Ion:266 Resp: 727

Ion	Ratio	Lower	Upper
266	100		
268	67.1	49.8	74.6
264	66.8	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

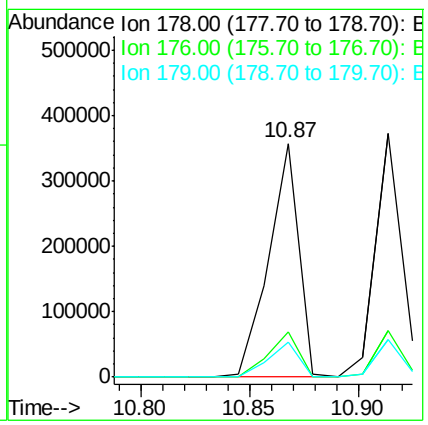
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

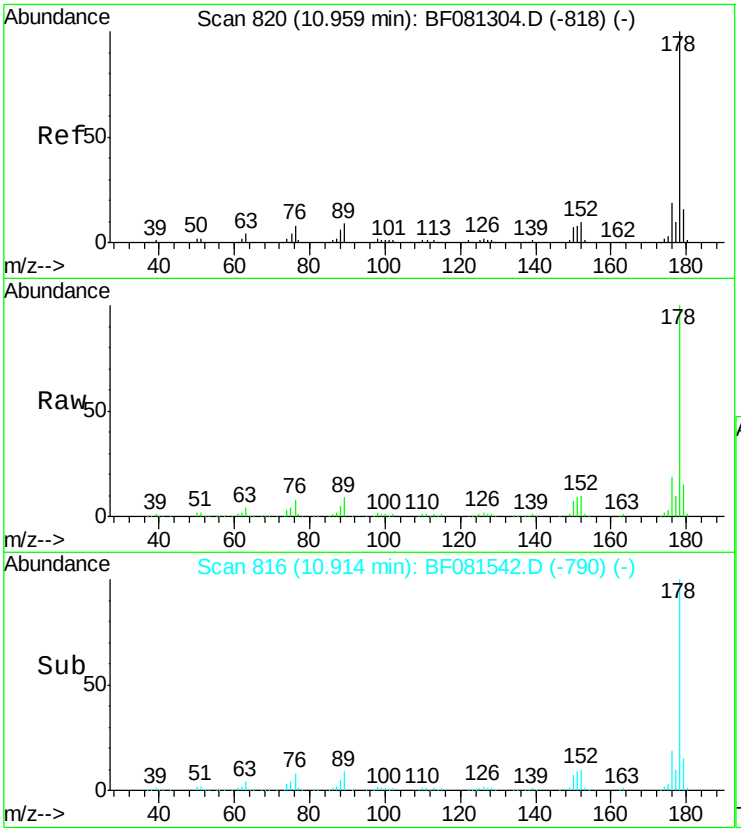


#70
Phenanthrene
Concen: 43.02 ng
RT: 10.87 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:178 Resp: 348849

Ion	Ratio	Lower	Upper
178	100		
176	19.2	13.8	20.8
179	14.9	12.2	18.2

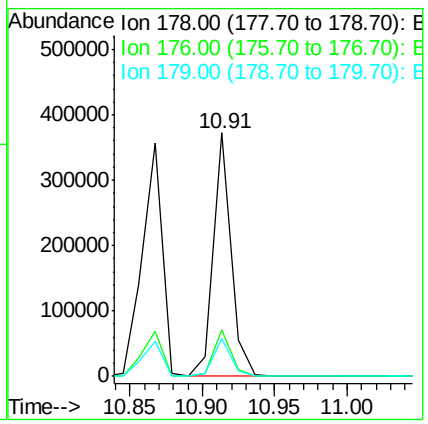




#71
Anthracene
Concen: 38.12 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

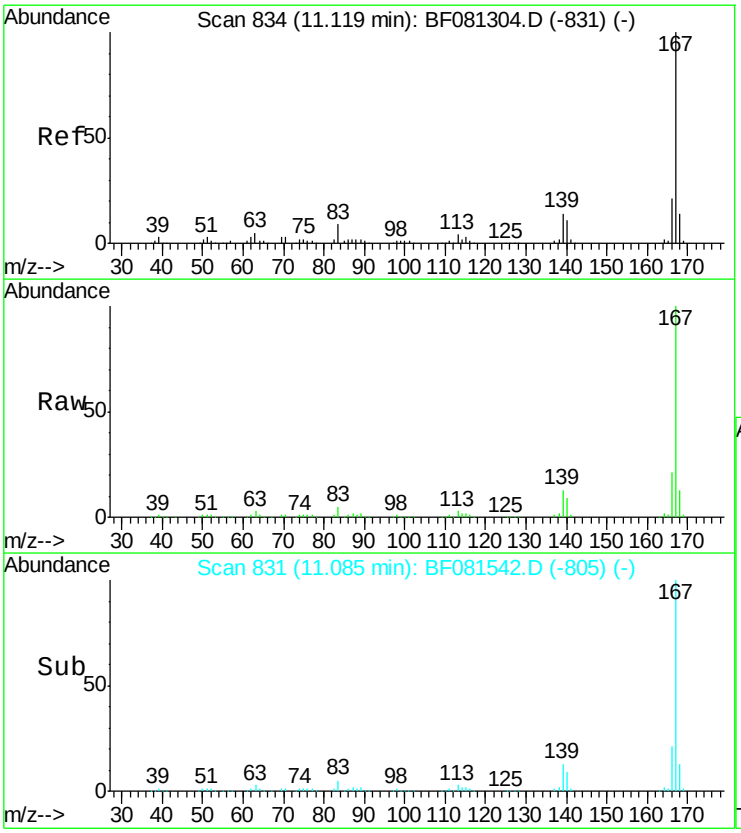
Tgt Ion:178 Resp: 317604

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	15.5	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

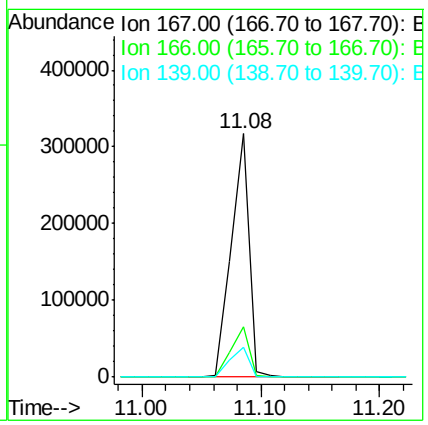
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

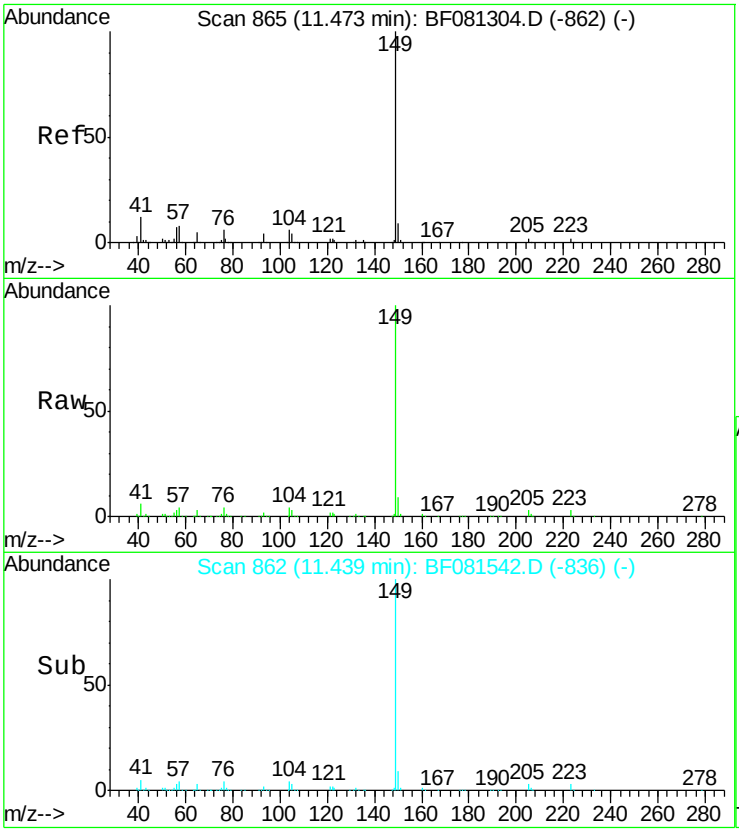


#72
Carbazole
Concen: 42.22 ng
RT: 11.08 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:167 Resp: 330058

Ion	Ratio	Lower	Upper
167	100		
166	20.9	15.7	23.5
139	12.5	9.5	14.3

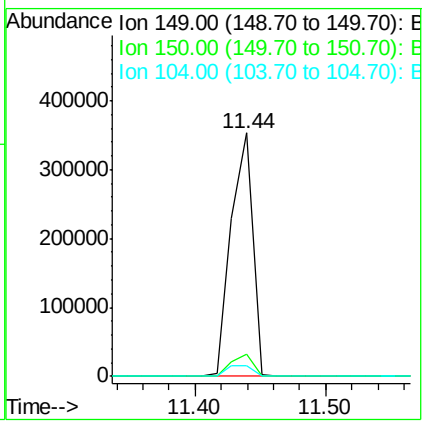




#73
Di-n-butylphthalate
Concen: 44.02 ng
RT: 11.44 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

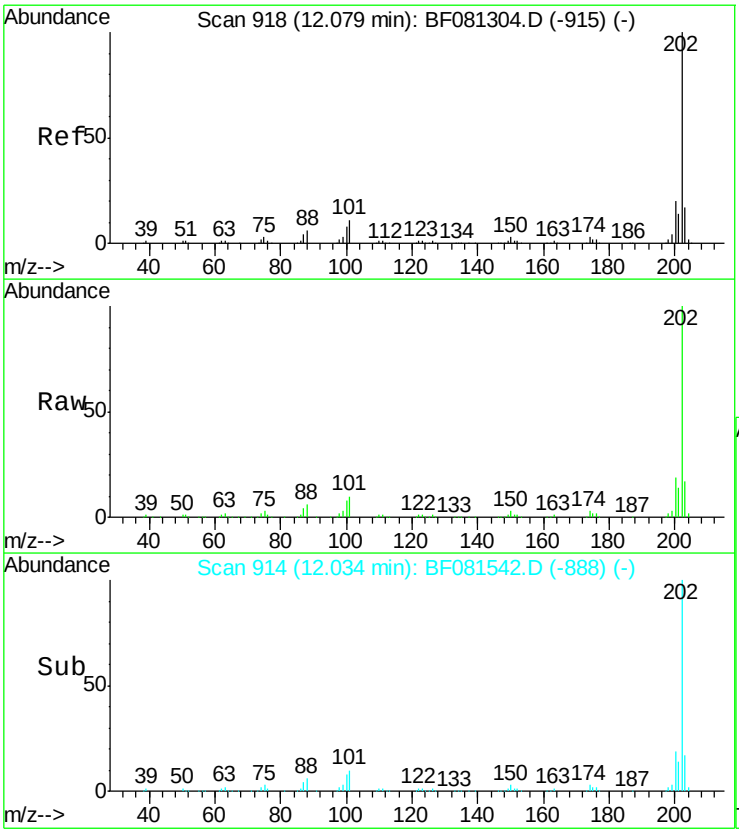
Tgt Ion:149 Resp: 406328

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	4.2	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

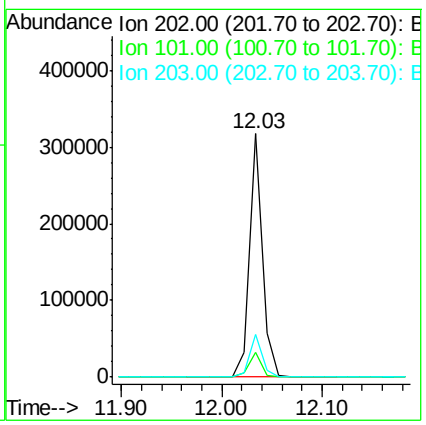
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

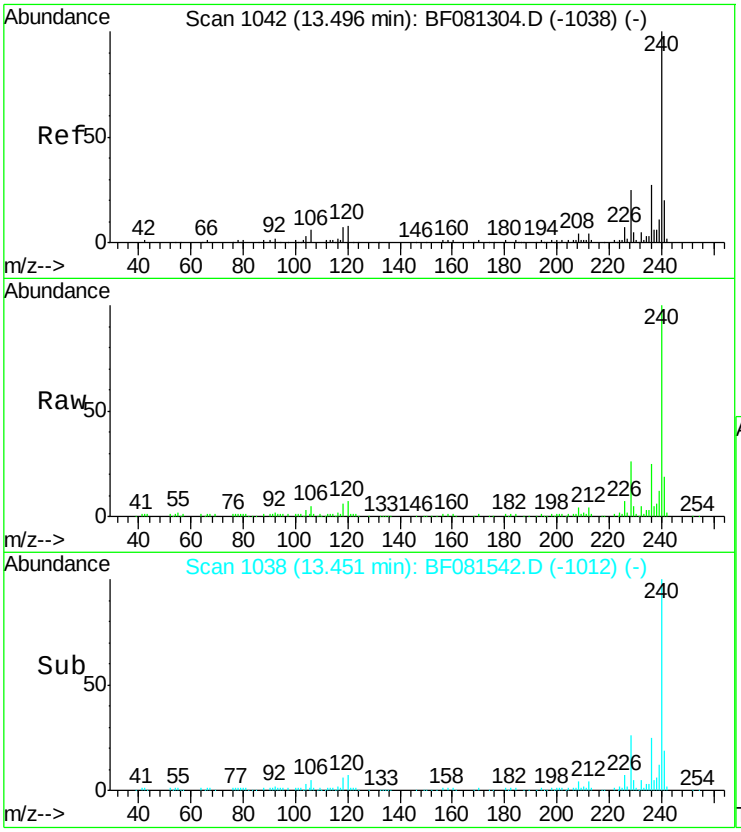


#74
Fluoranthene
Concen: 32.17 ng
RT: 12.03 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:202 Resp: 282412

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	38.3
203	17.4	0.0	37.3





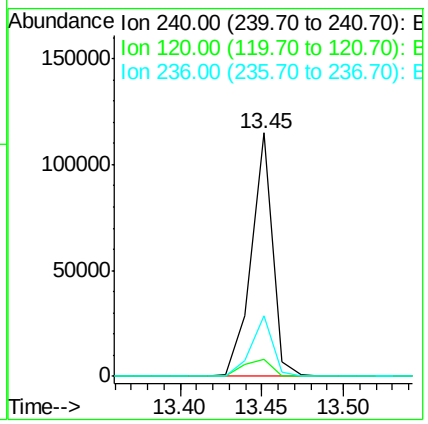
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

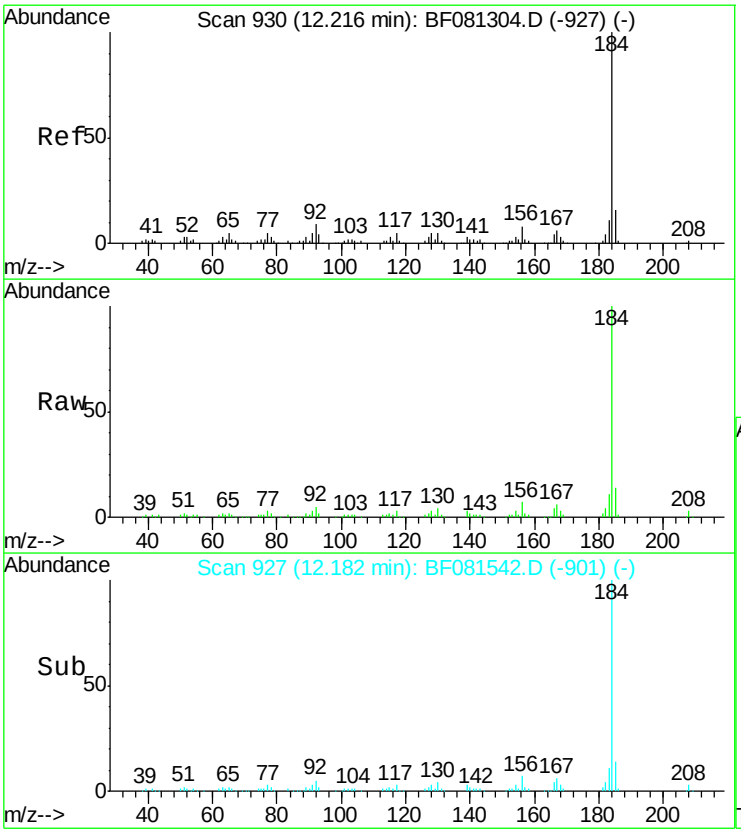
Tgt Ion:240 Resp: 104076

Ion	Ratio	Lower	Upper
240	100		
120	7.2	16.2	24.2#
236	24.9	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

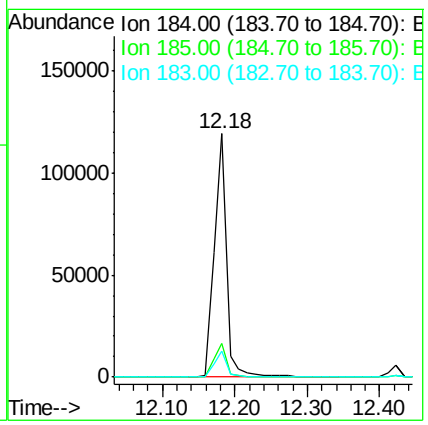


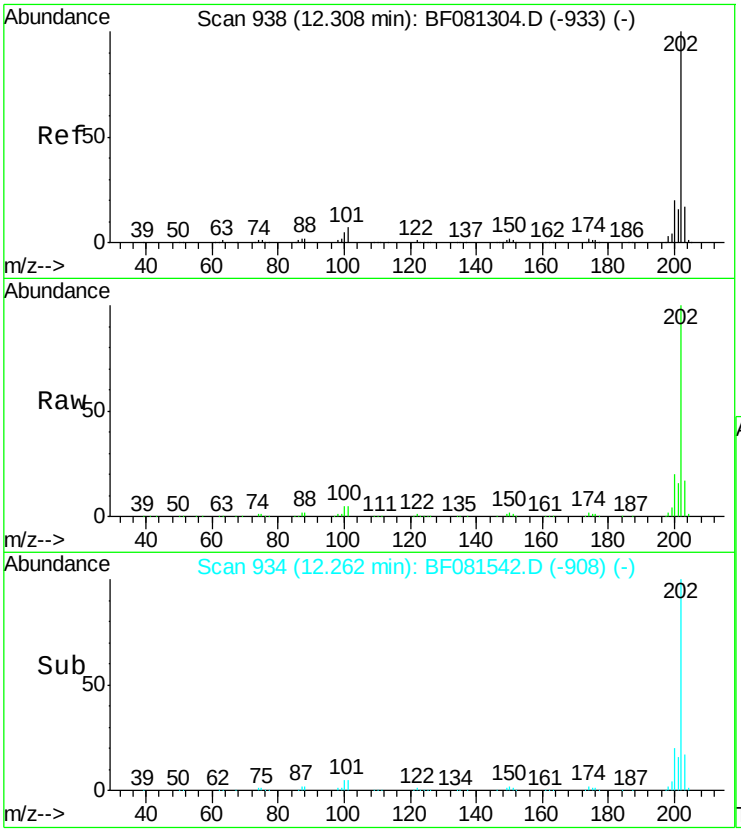


#76
Benzidine
Concen: 31.30 ng
RT: 12.18 min Scan# 927
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:184 Resp: 139843

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.8	17.6
183	10.6	7.6	11.4

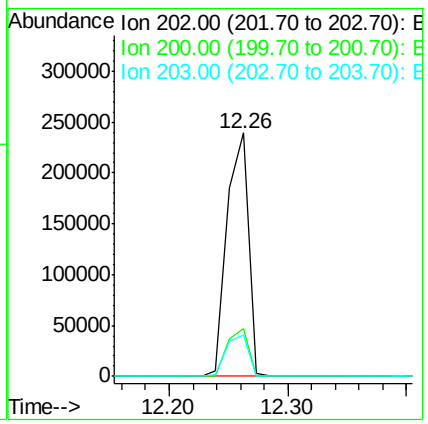




#77
Pyrene
Concen: 38.66 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

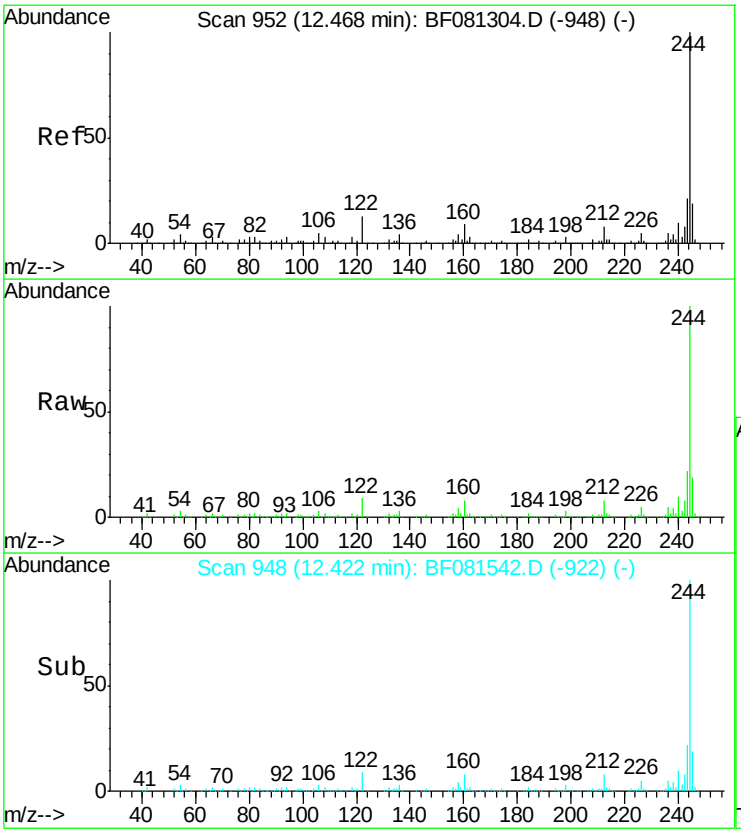
Tgt Ion:202 Resp: 298056

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.0	22.4
203	16.8	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

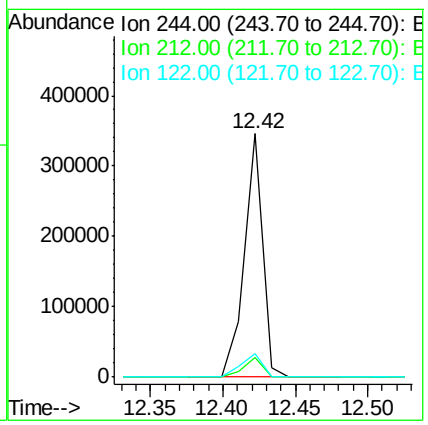
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

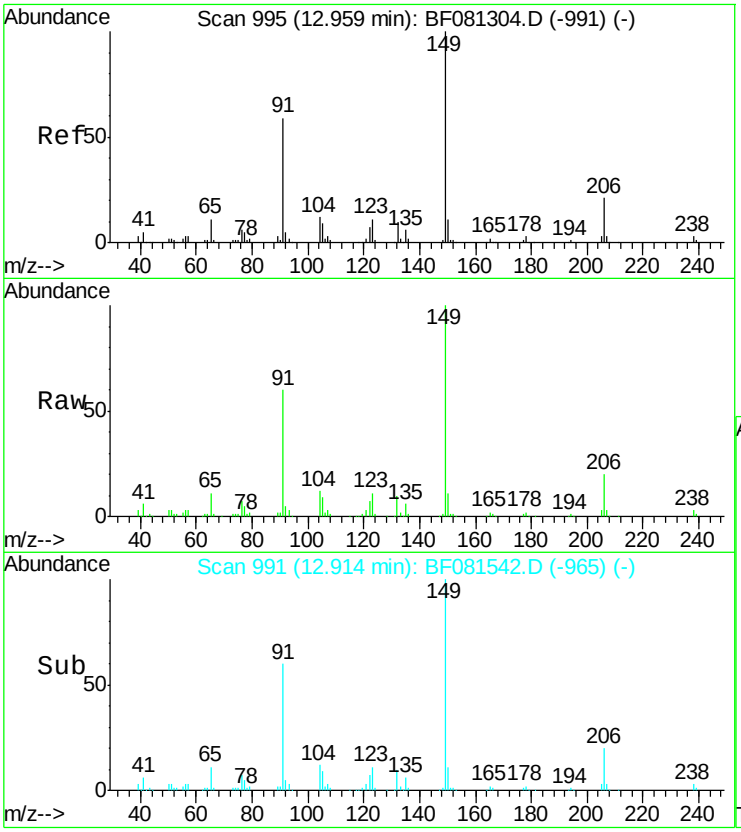


#78
Terphenyl-d14
Concen: 67.66 ng
RT: 12.42 min Scan# 948
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:244 Resp: 302515

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	9.4	17.4	26.2#

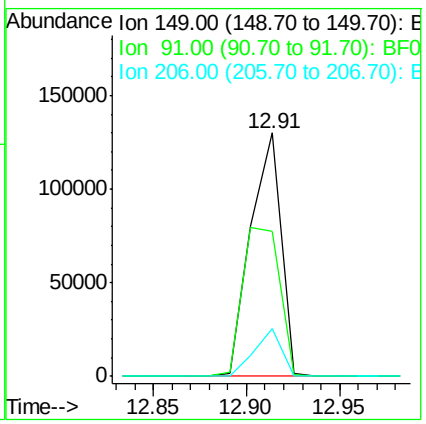




#79
Butylbenzylphthalate
Concen: 43.63 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

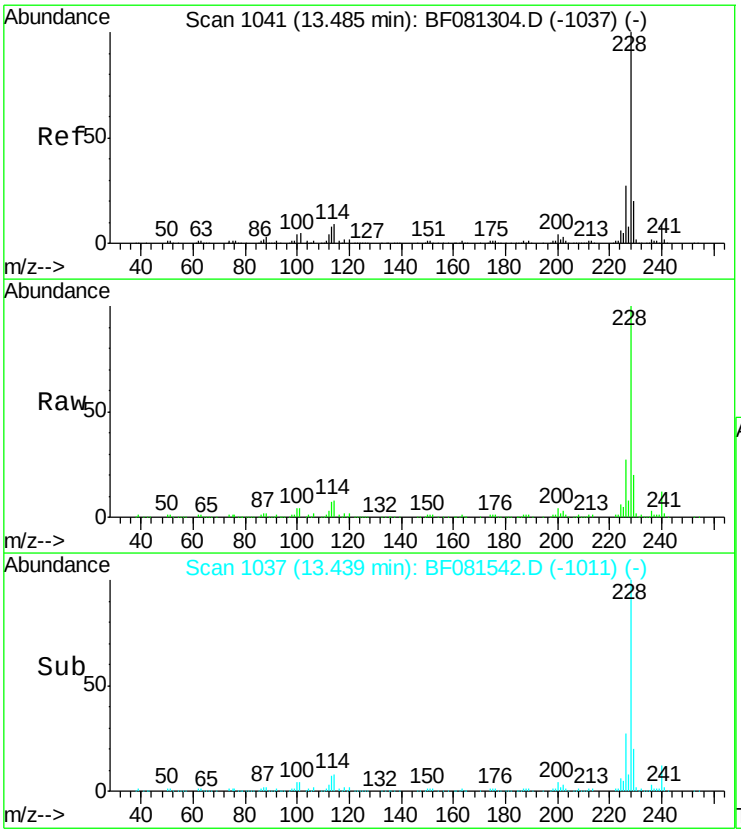
Tgt Ion:149 Resp: 146271

Ion	Ratio	Lower	Upper
149	100		
91	59.8	48.6	72.8
206	19.8	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

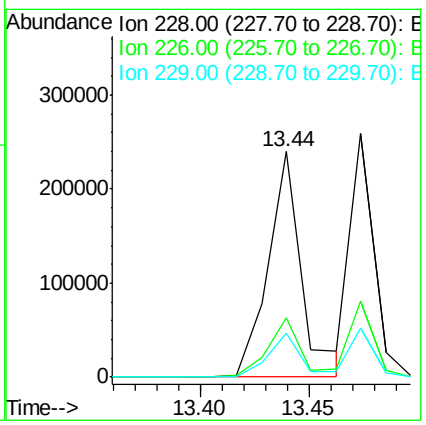
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

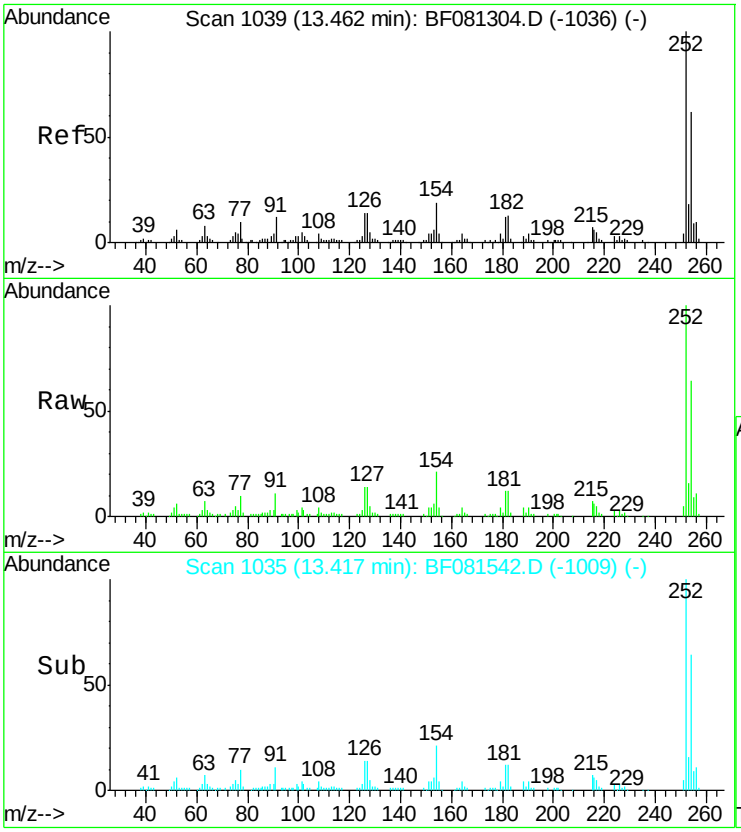


#80
Benzo(a)anthracene
Concen: 39.04 ng
RT: 13.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:228 Resp: 258777

Ion	Ratio	Lower	Upper
228	100		
226	26.6	20.0	30.0
229	19.6	15.4	23.2

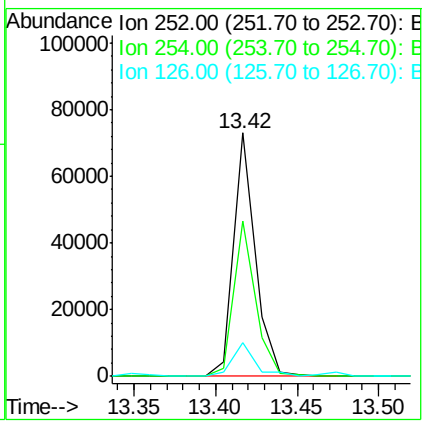




#81
3,3'-Dichlorobenzidine
Concen: 29.77 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

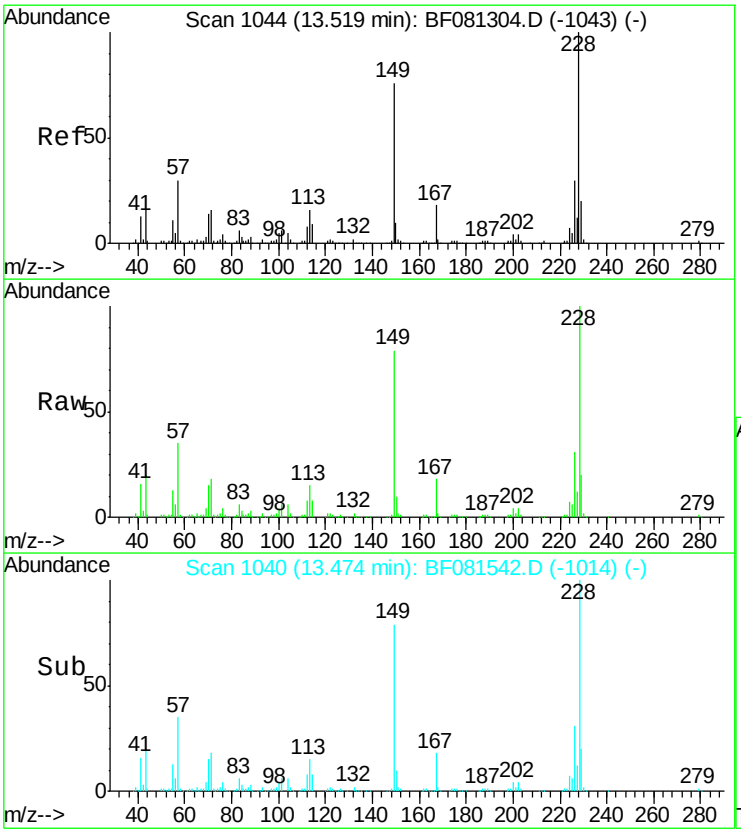
Tgt Ion:252 Resp: 66567

Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.4	77.2
126	13.9	16.4	24.6#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

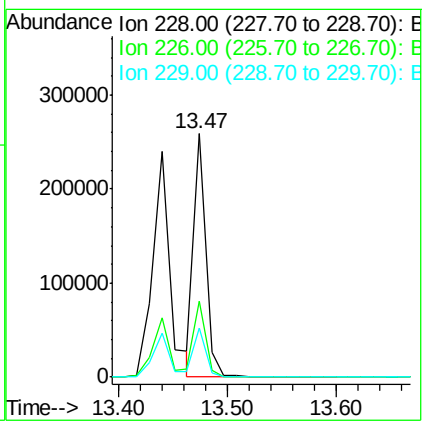
Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

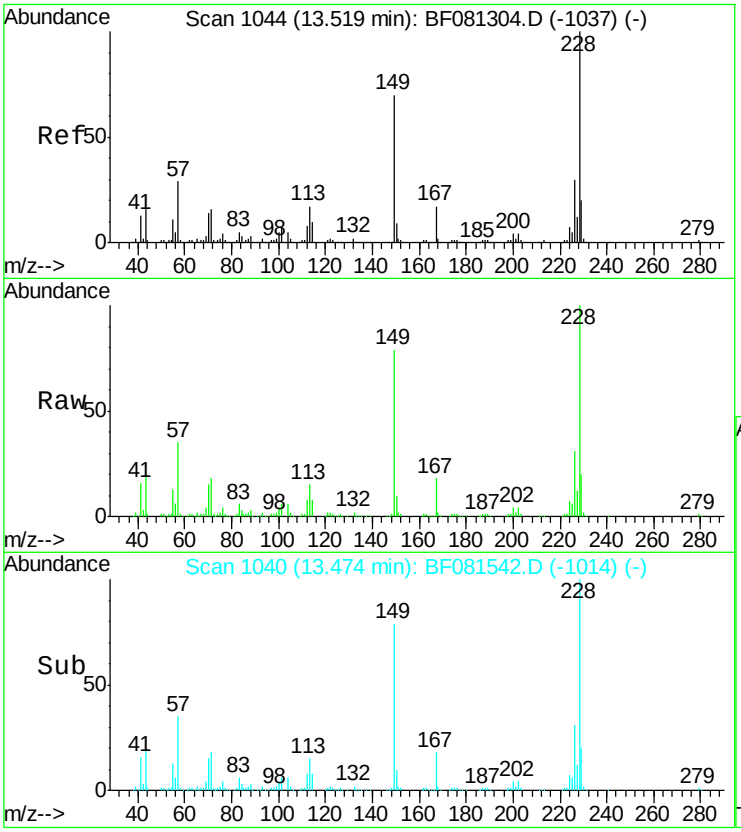


#82
Chrysene
Concen: 33.64 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:228 Resp: 199861

Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.0	31.4
229	19.9	15.6	23.4





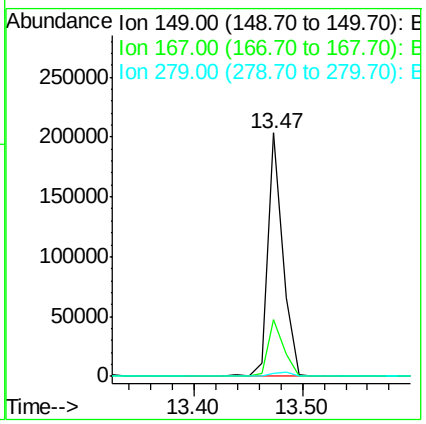
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.18 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

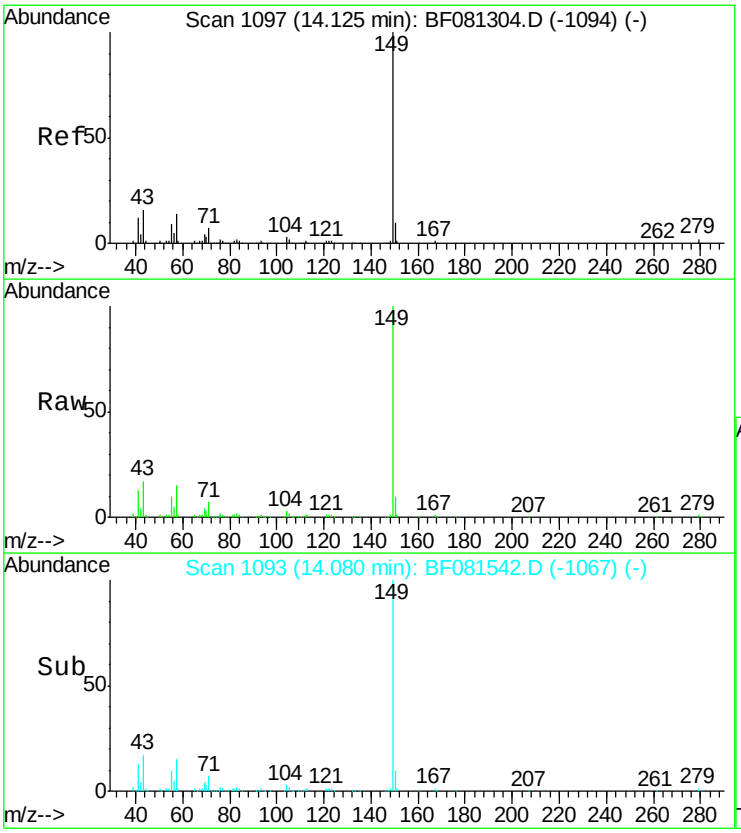
Tgt Ion:149 Resp: 195468

Ion	Ratio	Lower	Upper
149	100		
167	23.4	24.2	36.2#
279	1.4	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

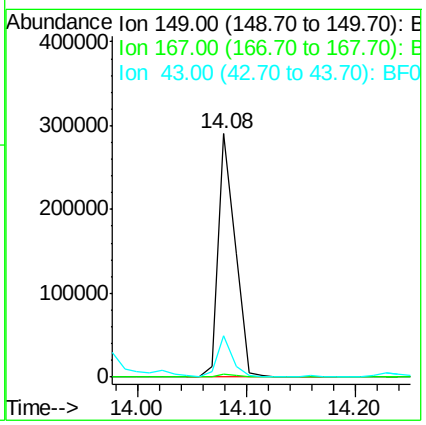


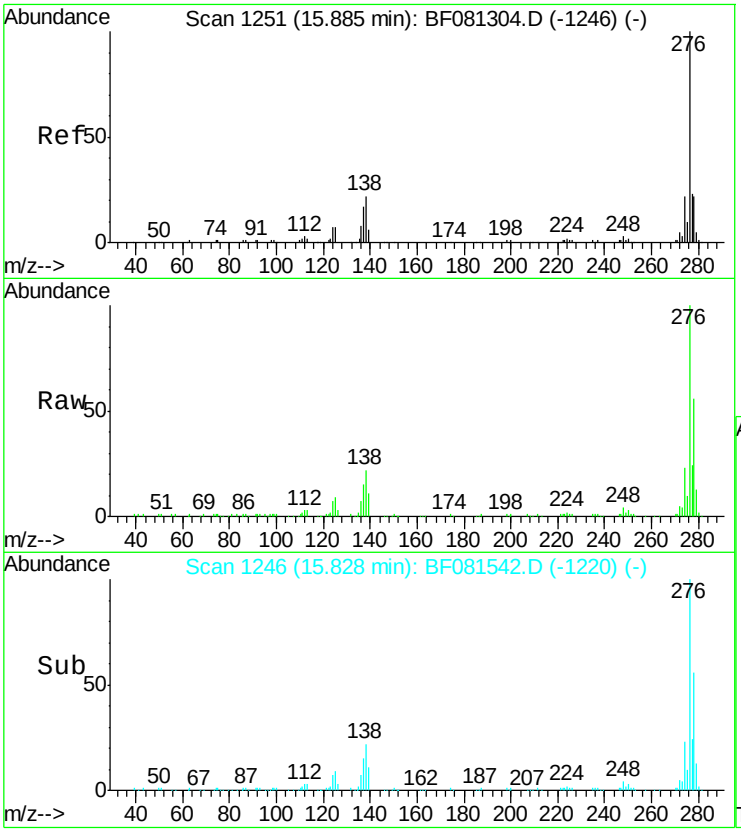


#84
Di-n-octyl phthalate
Concen: 43.13 ng
RT: 14.08 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:149 Resp: 314194

Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.0	1.6
43	15.0	10.2	15.2





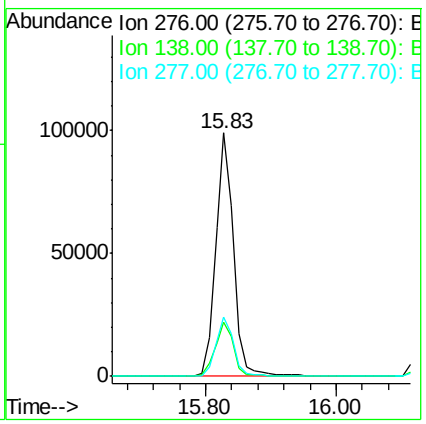
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.42 ng
RT: 15.83 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

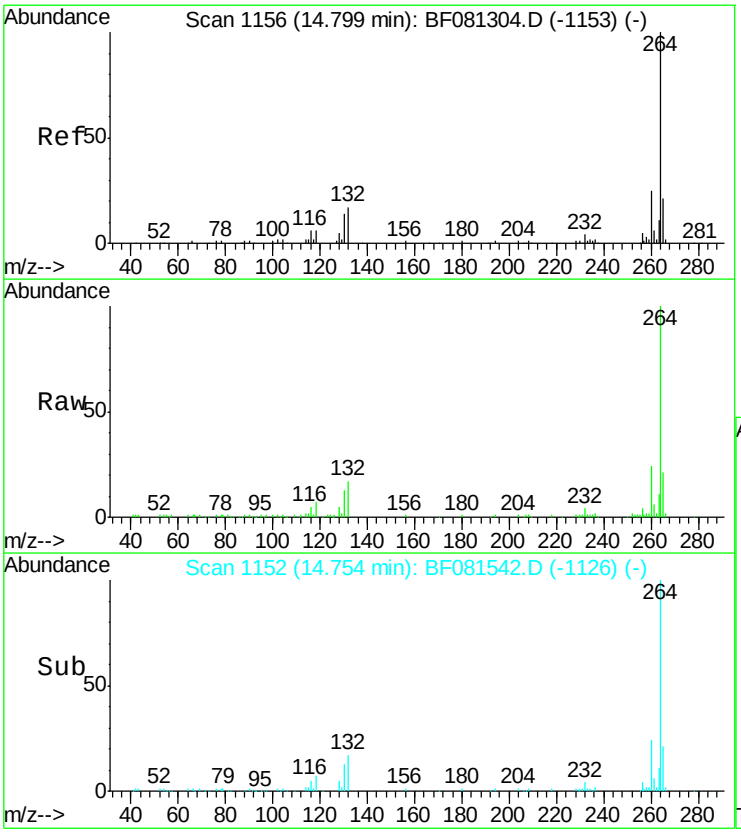
Tgt Ion:276 Resp: 189281

Ion	Ratio	Lower	Upper
276	100		
138	22.6	25.7	38.5#
277	24.2	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

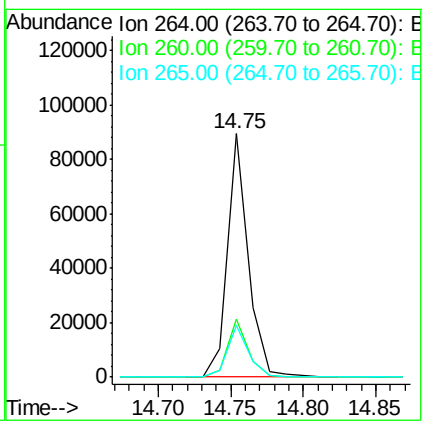


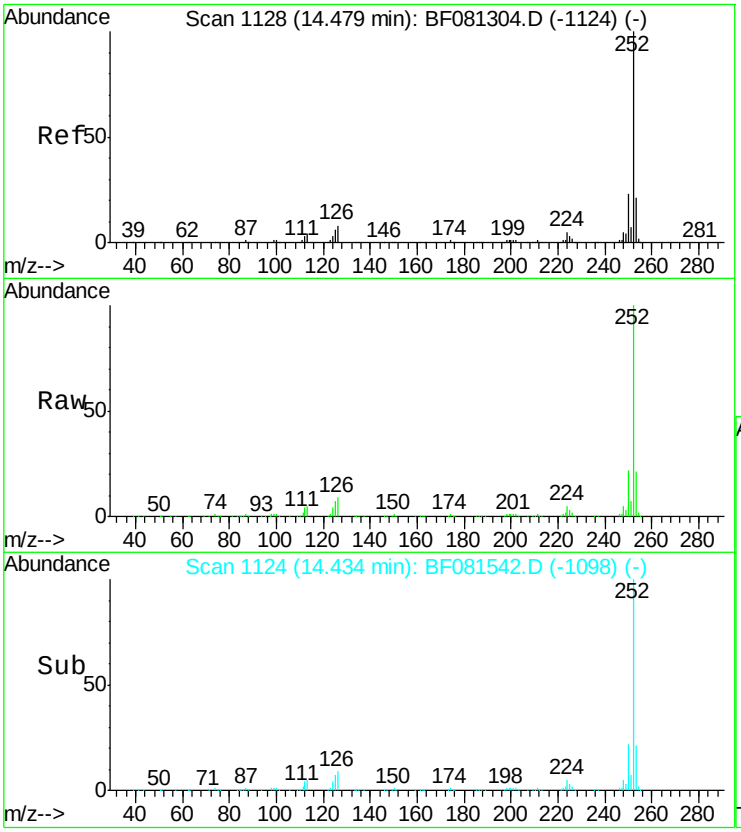


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:264 Resp: 88577

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.0	17.2	25.8





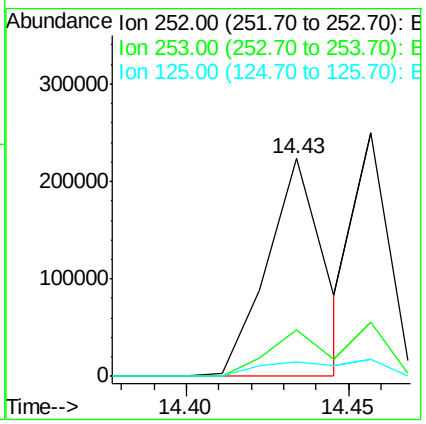
#87
Benzo(b)fluoranthene
Concen: 43.15 ng m
RT: 14.43 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

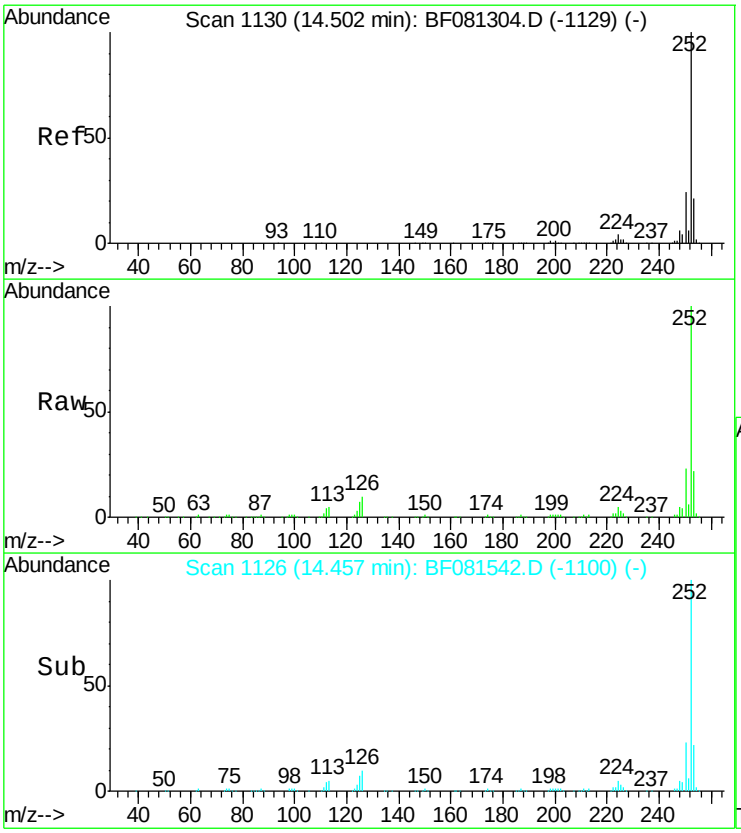
Tgt Ion:252 Resp: 272859

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	6.6	17.1	25.7#

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

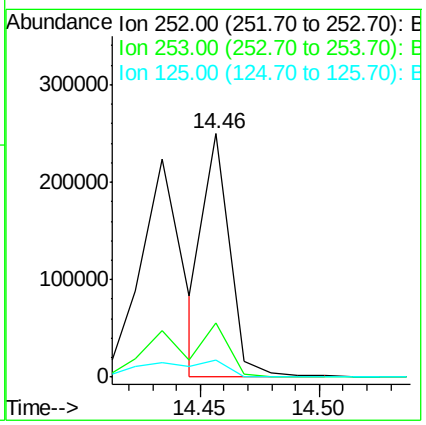


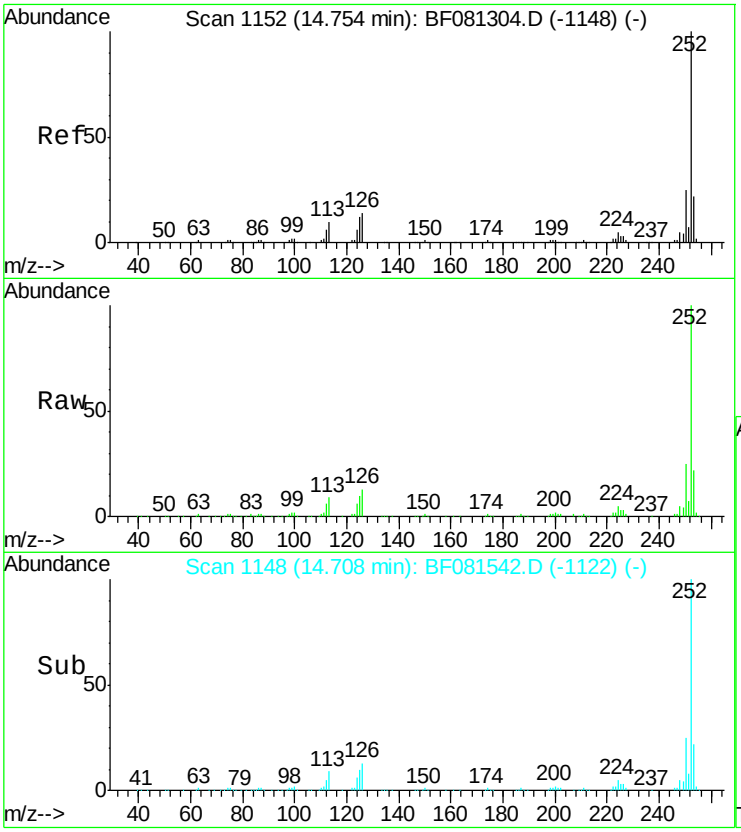


#88
Benzo(k)fluoranthene
Concen: 35.69 ng m
RT: 14.46 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:252 Resp: 187248

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	7.0	16.0	24.0#





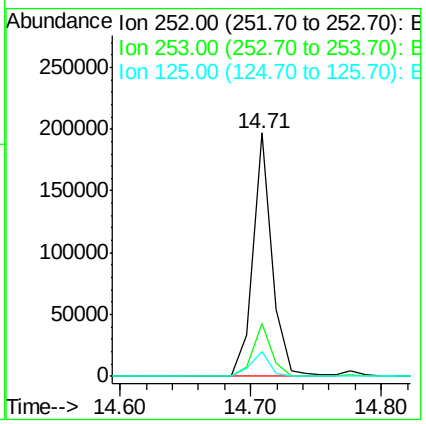
#89
Benzo(a)pyrene
Concen: 37.75 ng
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

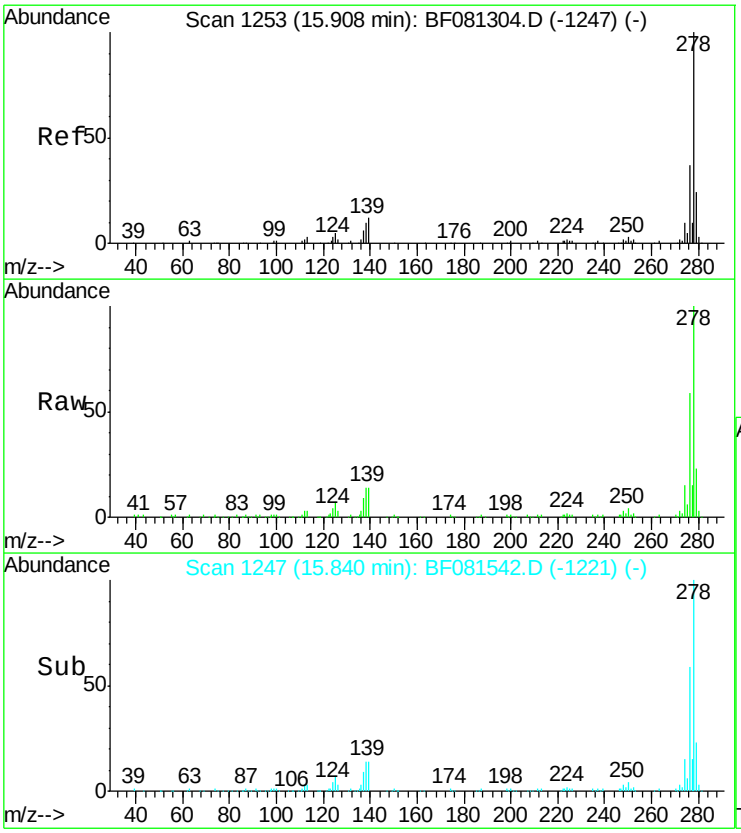
Tgt Ion:252 Resp: 202316

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.3	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM

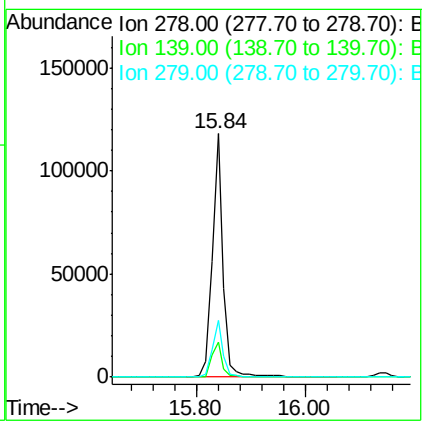


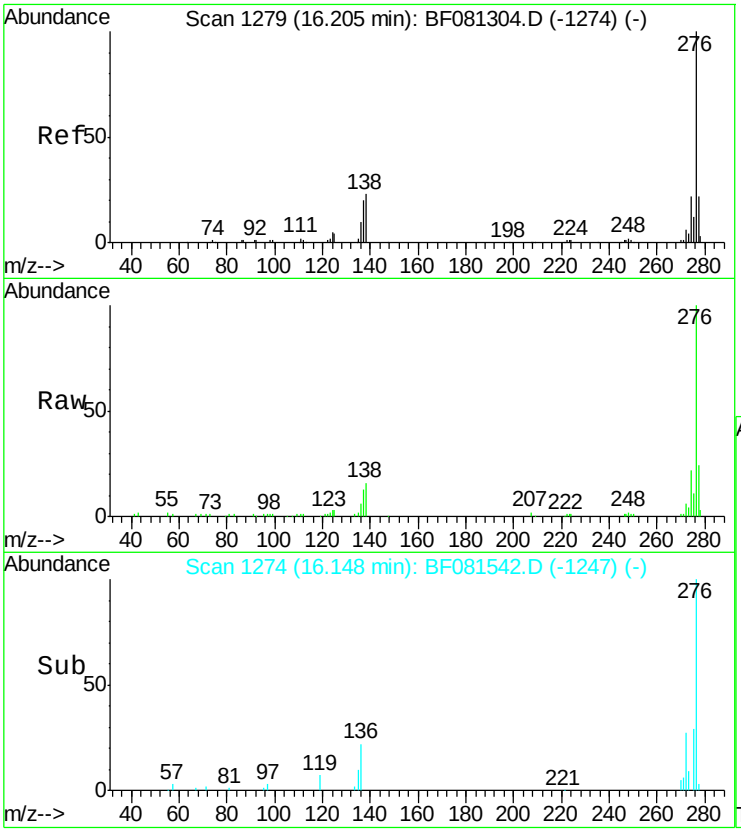


#90
Dibenzo(a,h)anthracene
Concen: 40.15 ng
RT: 15.84 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:278 Resp: 166235

Ion	Ratio	Lower	Upper
278	100		
139	14.5	26.3	39.5#
279	23.2	18.2	27.4

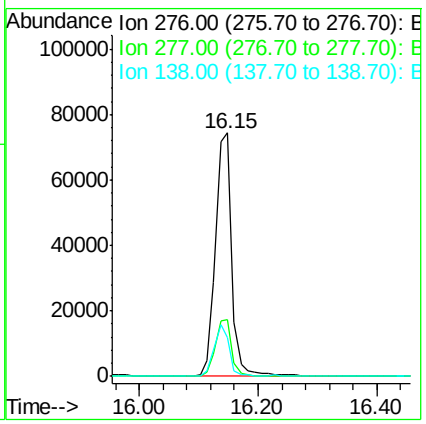




#91
Benzo(g,h,i)perylene
Concen: 36.07 ng
RT: 16.15 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF081542.D
Acq: 9 Sep 2015 3:08

Tgt Ion:276 Resp: 142543

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	15.7	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
MGP212BR(51.5-54)MS

Manual Integrations APPROVED
MMDadoda
9/9/2015 2:59:41 PM