Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082471.D
Acq On : 23 Oct 2015 18:00
Operator : UM/IZ
Sample : PB86188BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

Quant Time: Oct 24 05:11:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	111049	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	442205	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	230788	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	440192	20.00	ng		0.00
75) Chrysene-d12	13.97	240	383607	20.00	ng		0.01
86) Perylene-d12	15.48	264	337206	20.00	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	530410	96.40	ng		0.01
7) Phenol-d6	6.41	99	696997	97.34	ng		0.00
23) Nitrobenzene-d5	7.33	82	413600	62.81	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	161626	74.68	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	921737	66.23	ng		0.00
78) Terphenyl-d14	12.88	244	904357	62.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	66928	24.21	ng		96
3) Pyridine	3.04	79	191326	29.76	ng		99
4) n-Nitrosodimethylamine	3.02	42	74800	27.43	ng		94
6) Aniline	6.42	93	153497	16.63	ng	#	1
8) 2-Chlorophenol	6.54	128	198964	29.62	ng	#	81
9) Benzaldehyde	6.30	77	73269	20.04	ng		96
10) Phenol	6.42	94	263136	31.87	ng		99
11) bis(2-Chloroethyl)ether	6.49	93	192523	27.58	ng		92
12) 1,3-Dichlorobenzene	6.69	146	221623	28.33	ng		96
13) 1,4-Dichlorobenzene	6.77	146	228697	27.99	ng		97
14) 1,2-Dichlorobenzene	6.93	146	220270m	28.40	ng		
15) Benzyl Alcohol	6.90	79	156286	31.62	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.04	45	280401	28.84	ng		83
17) 2-Methylphenol	7.03	107	167434	31.52	ng		94
18) Hexachloroethane	7.26	117	79439	28.41	ng		94
19) n-Nitroso-di-n-propylamine	7.18	70	148565	29.54	ng	#	90
20) 3+4-Methylphenols	7.19	107	208508	32.94	ng	#	60
22) Acetophenone	7.18	105	279431	31.94	ng	#	87
24) Nitrobenzene	7.35	77	215691	30.26	ng		90
25) Isophorone	7.59	82	397139	29.88	ng		97
26) 2-Nitrophenol	7.67	139	109982	30.90	ng		94
27) 2,4-Dimethylphenol	7.71	122	195979	34.18	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	239944	31.03	ng		99
29) 2,4-Dichlorophenol	7.91	162	183834	32.07	ng		94
30) 1,2,4-Trichlorobenzene	7.99	180	199176	30.15	ng		98
31) Naphthalene	8.07	128	598454	31.22	ng		99
32) Benzoic acid	7.85	122	96033	24.95	ng		95
33) 4-Chloroaniline	8.13	127	111632	14.02	ng		98
34) Hexachlorobutadiene	8.18	225	117424	28.52	ng		96
35) Caprolactam	8.50	113	55750m	33.51	ng		
36) 4-Chloro-3-methylphenol	8.62	107	179892	32.09	ng		96
37) 2-Methylnaphthalene	8.75	142	401168	30.19	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	209215	30.48	ng		98
40) Hexachlorocyclopentadiene	8.90	237	127840	41.29	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082471.D
Acq On : 23 Oct 2015 18:00
Operator : UM/IZ
Sample : PB86188BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

Quant Time: Oct 24 05:11:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	127450	27.95	ng		98
43) 2,4,5-Trichlorophenol	9.10	196	138422	28.03	ng		96
45) 1,1'-Biphenyl	9.22	154	493006	28.01	ng		99
46) 2-Chloronaphthalene	9.25	162	388656	28.05	ng	#	93
47) 2-Nitroaniline	9.36	65	120490	31.68	ng	#	73
48) Acenaphthylene	9.67	152	657891	30.48	ng		99
49) Dimethylphthalate	9.53	163	473720	29.15	ng		100
50) 2,6-Dinitrotoluene	9.60	165	107926	31.47	ng	#	88
51) Acenaphthene	9.84	154	385212	29.73	ng		98
52) 3-Nitroaniline	9.77	138	58684	15.15	ng		99
53) 2,4-Dinitrophenol	9.89	184	90899	50.04	ng		93
54) Dibenzofuran	10.01	168	582869	32.77	ng		98
55) 4-Nitrophenol	9.95	139	111166	49.08	ng		90
56) 2,4-Dinitrotoluene	10.01	165	134084	31.28	ng		90
57) Fluorene	10.35	166	493332	33.77	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	117295	29.07	ng		95
59) Diethylphthalate	10.23	149	466522	30.80	ng		99
60) 4-Chlorophenyl-phenylether	10.34	204	210782	31.50	ng		98
61) 4-Nitroaniline	10.39	138	106452	28.33	ng		97
62) Azobenzene	10.50	77	460240	31.04	ng		99
64) 4,6-Dinitro-2-methylphenol	10.41	198	72251	29.25	ng	#	51
65) n-Nitrosodiphenylamine	10.47	169	405005	30.73	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	133221	30.24	ng		97
67) Hexachlorobenzene	10.90	284	133808	28.08	ng		98
68) Atrazine	11.01	200	142380	34.10	ng		93
69) Pentachlorophenol	11.10	266	124472	50.77	ng		96
70) Phenanthrene	11.31	178	693929	32.16	ng		100
71) Anthracene	11.37	178	715900	32.20	ng		99
72) Carbazole	11.53	167	642852	31.69	ng		98
73) Di-n-butylphthalate	11.85	149	755130	30.18	ng		100
74) Fluoranthene	12.50	202	719460	31.05	ng		98
76) Benzidine	12.64	184	243217	21.88	ng		98
77) Pyrene	12.73	202	720157	31.63	ng		99
79) Butylbenzylphthalate	13.36	149	323043	31.09	ng		91
80) Benzo(a)anthracene	13.96	228	603046	30.21	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	149672	19.76	ng		99
82) Chrysene	14.00	228	630185	29.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	467203	31.52	ng	#	96
84) Di-n-octyl phthalate	14.62	149	809958	31.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	508146	30.40	ng		98
87) Benzo(b)fluoranthene	15.06	252	579434	28.24	ng		98
88) Benzo(k)fluoranthene	15.09	252	563585m	32.68	ng		
89) Benzo(a)pyrene	15.41	252	546637	31.00	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	434672	30.08	ng		98
91) Benzo(g,h,i)perylene	17.28	276	419361	29.88	ng		99

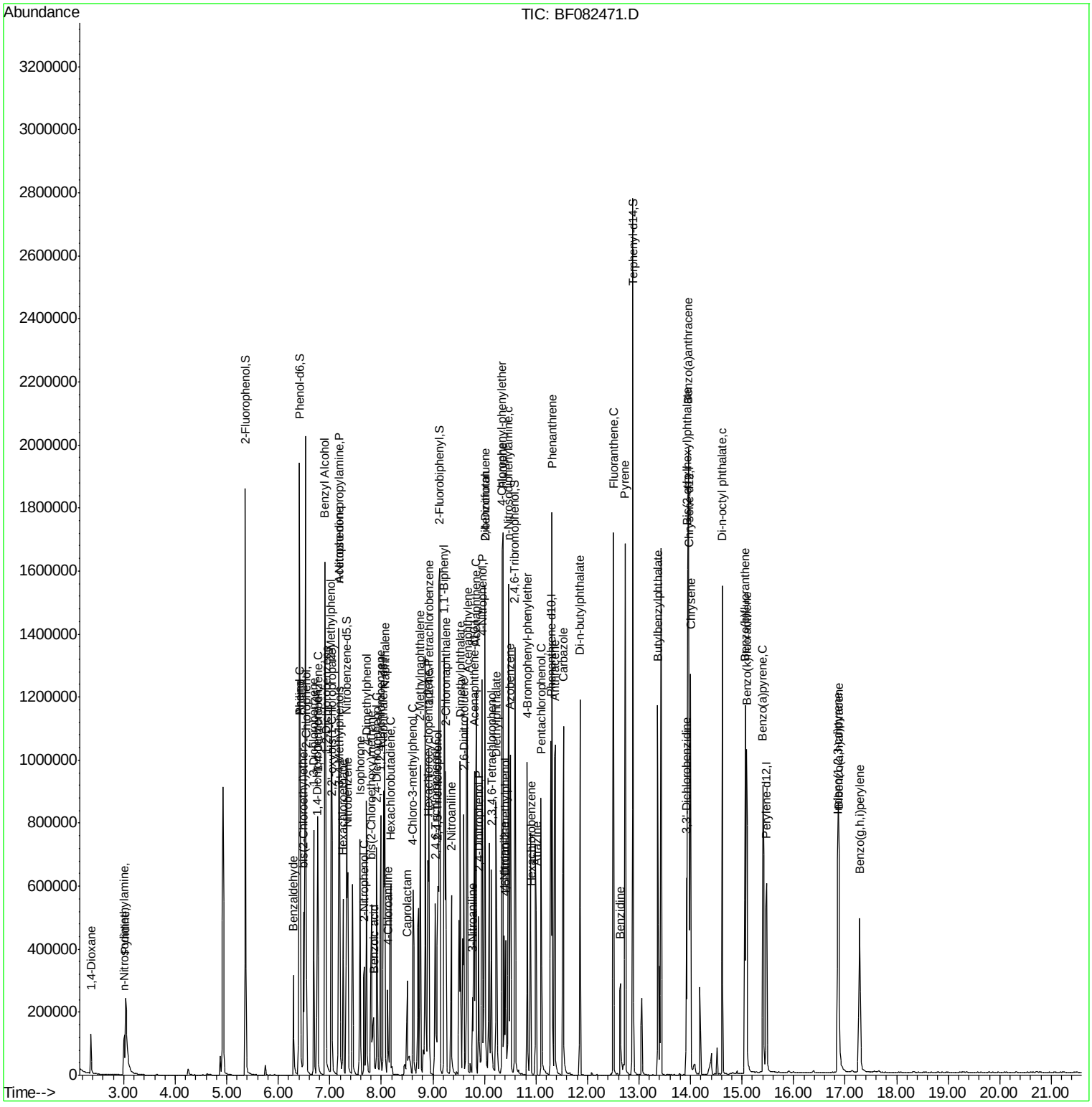
(#) = qualifier out of range (m) = manual integration (+) = signals summed

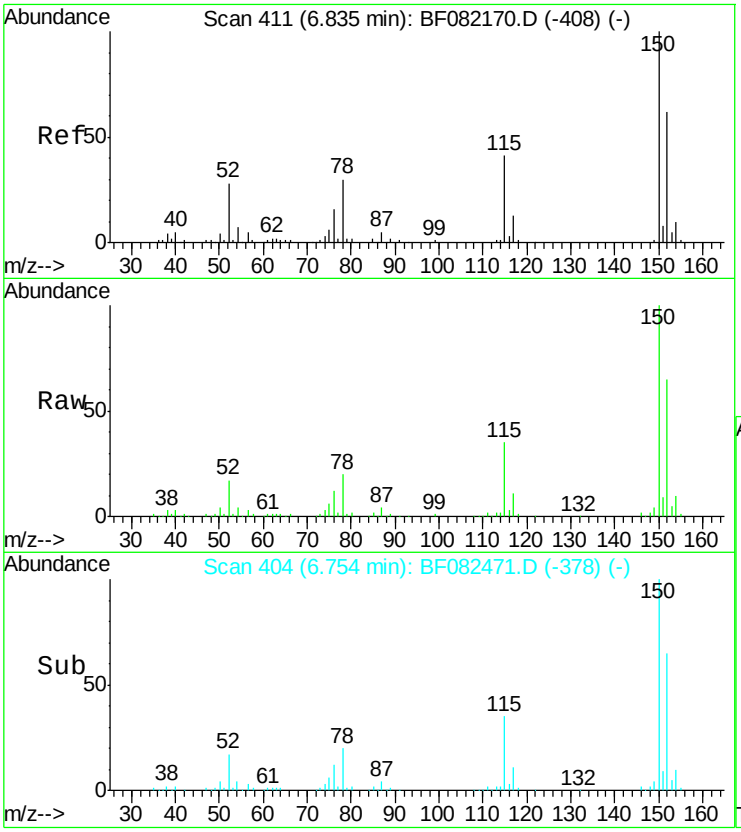
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102315\
Data File : BF082471.D
Acq On : 23 Oct 2015 18:00
Operator : UM/IZ
Sample : PB86188BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 24 05:11:29 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 24 04:47:19 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

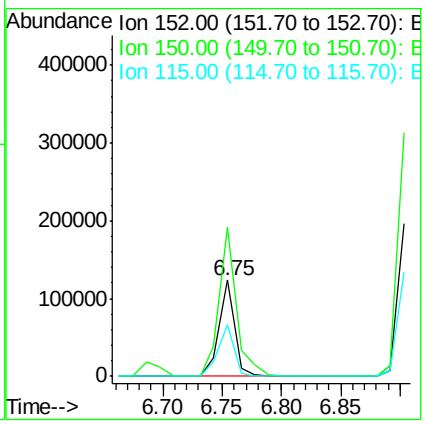




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

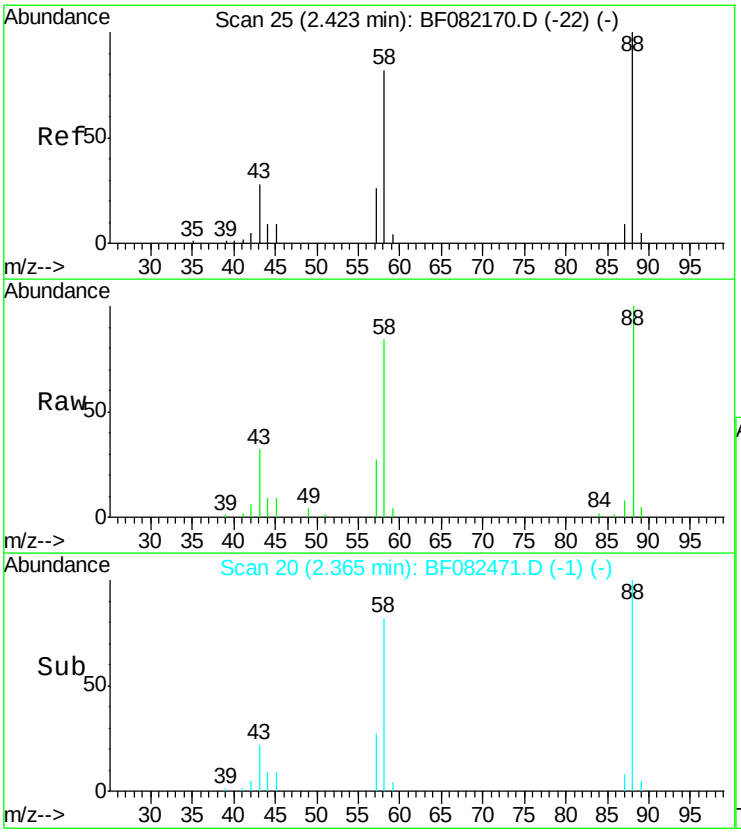
Tgt Ion:152 Resp: 111049

Ion	Ratio	Lower	Upper
152	100		
150	154.1	129.0	193.4
115	53.7	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
PB86188BS

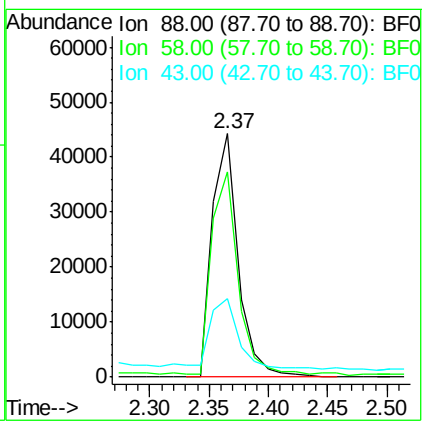
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

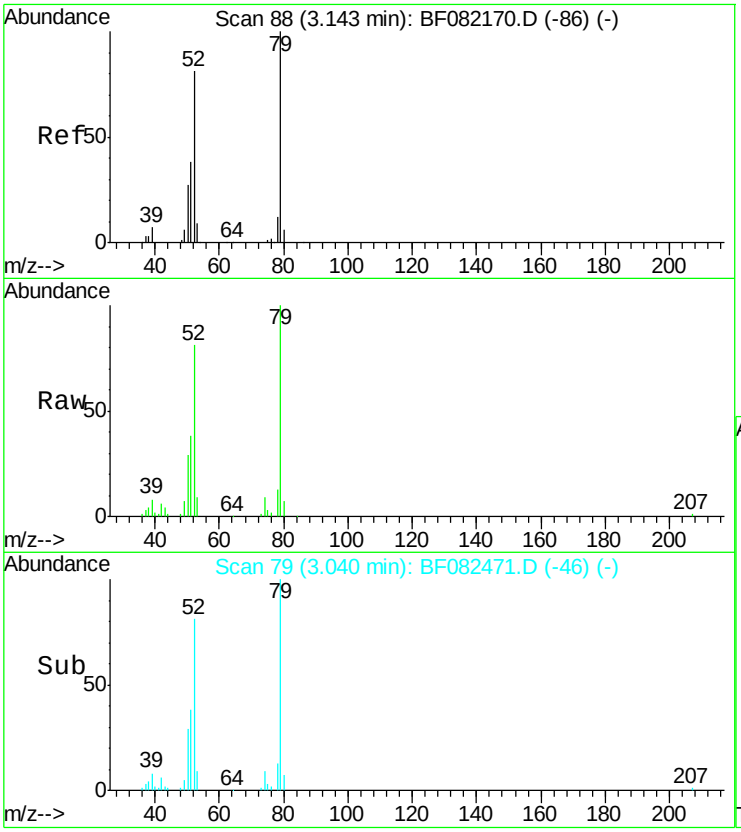


#2
1,4-Dioxane
Concen: 24.21 ng
RT: 2.37 min Scan# 20
Delta R.T. 0.10 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 88 Resp: 66928

Ion	Ratio	Lower	Upper
88	100		
58	84.9	66.2	99.4
43	34.0	23.0	34.4

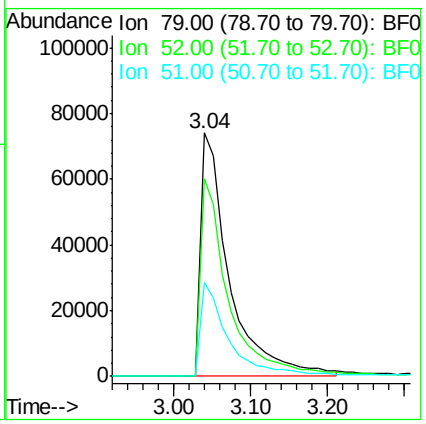




#3
Pyridine
Concen: 29.76 ng
RT: 3.04 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

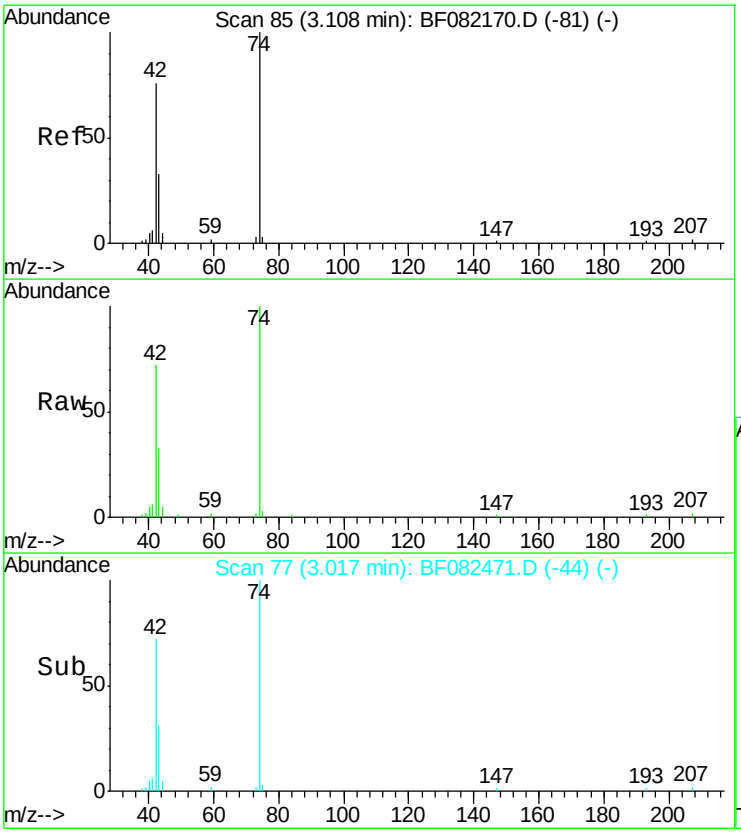
Tgt Ion: 79 Resp: 191326

Ion	Ratio	Lower	Upper
79	100		
52	81.4	64.4	96.6
51	38.4	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

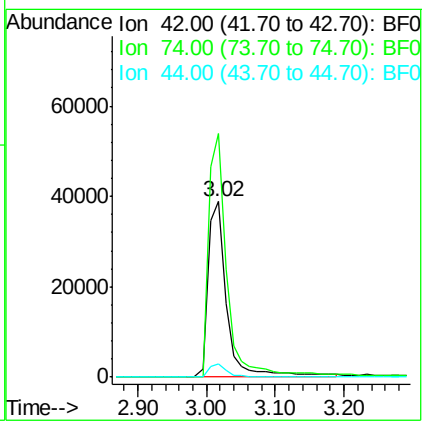
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

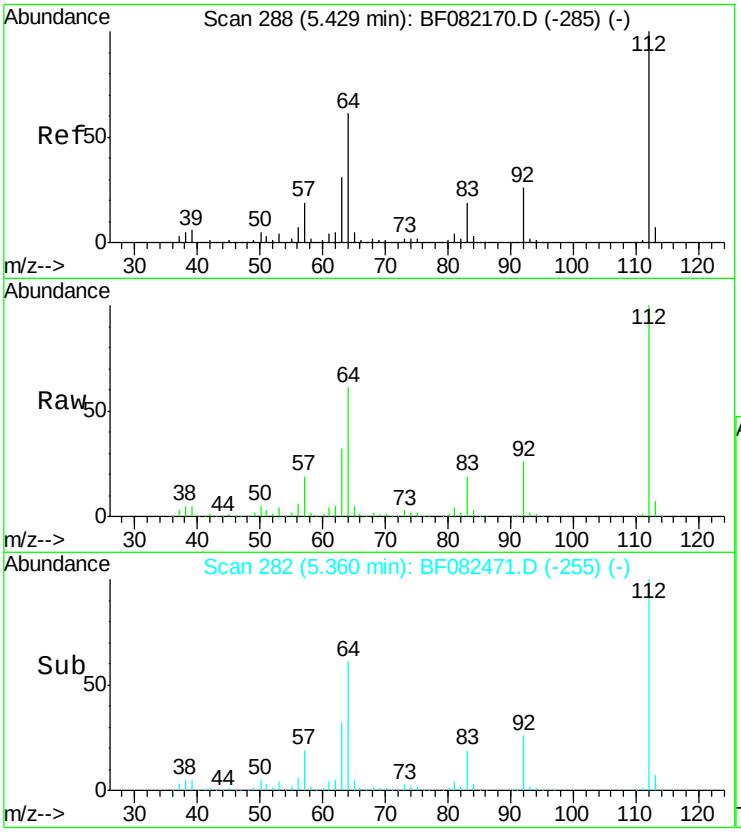


#4
n-Nitrosodimethylamine
Concen: 27.43 ng
RT: 3.02 min Scan# 77
Delta R.T. 0.08 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 42 Resp: 74800

Ion	Ratio	Lower	Upper
42	100		
74	139.0	105.7	158.5
44	7.2	5.4	8.2

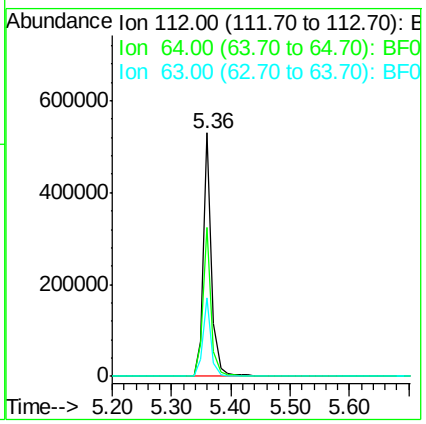




#5
2-Fluorophenol
Concen: 96.40 ng
RT: 5.36 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

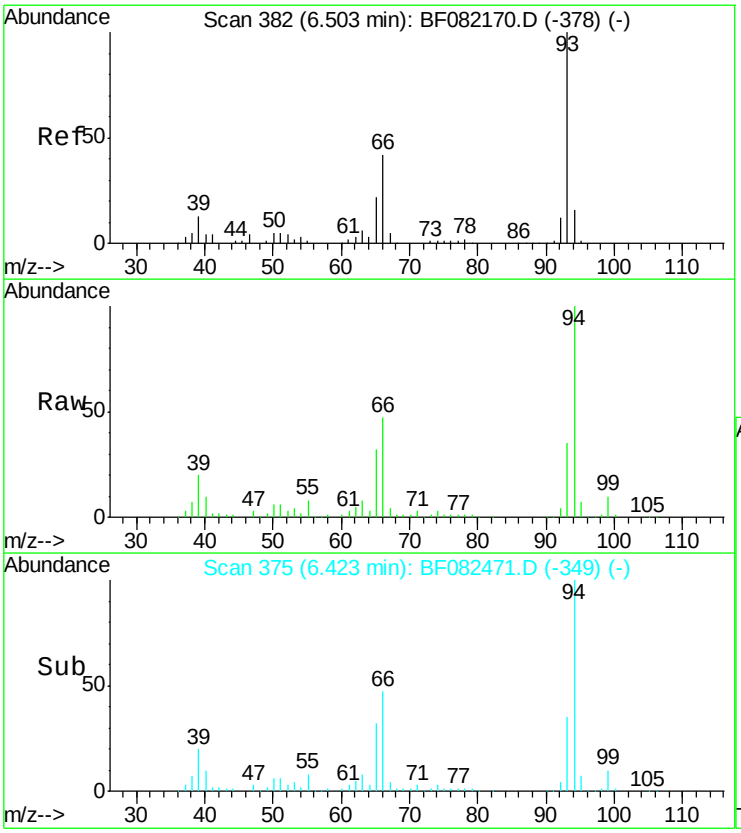
Tgt Ion:112 Resp: 530410

Ion	Ratio	Lower	Upper
112	100		
64	61.2	48.6	73.0
63	32.4	25.1	37.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

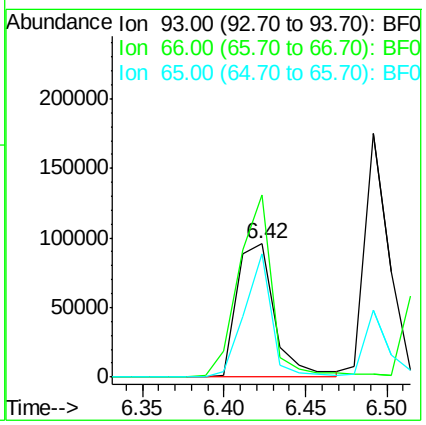
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

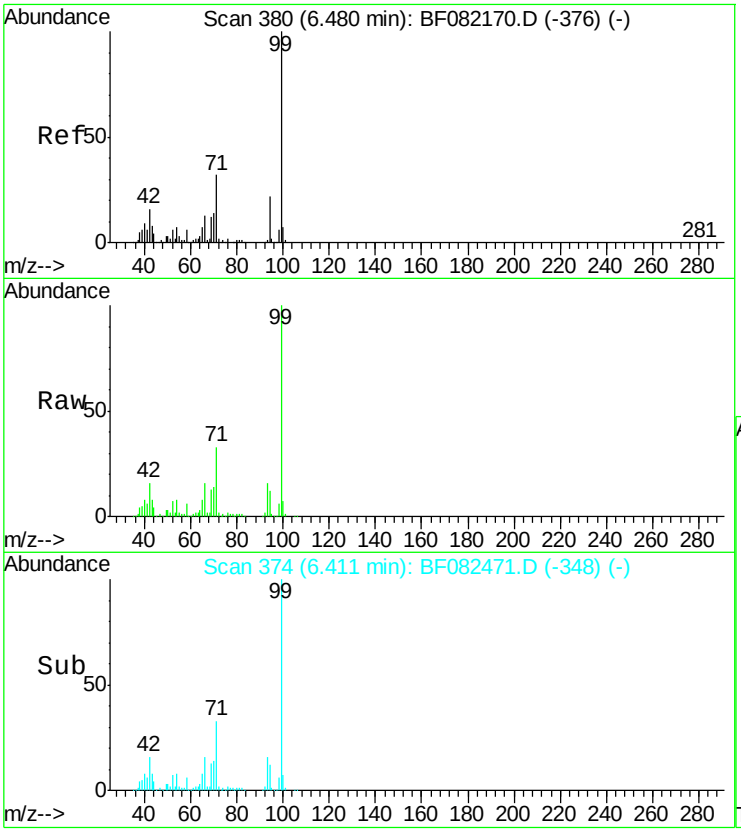


#6
Aniline
Concen: 16.63 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 93 Resp: 153497

Ion	Ratio	Lower	Upper
93	100		
66	136.8	34.2	51.2#
65	92.5	17.9	26.9#

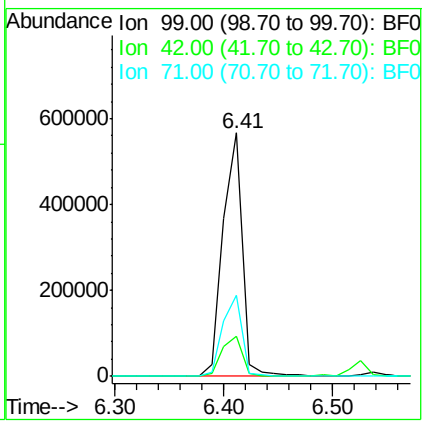




#7
Phenol-d6
Concen: 97.34 ng
RT: 6.41 min Scan# 374
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

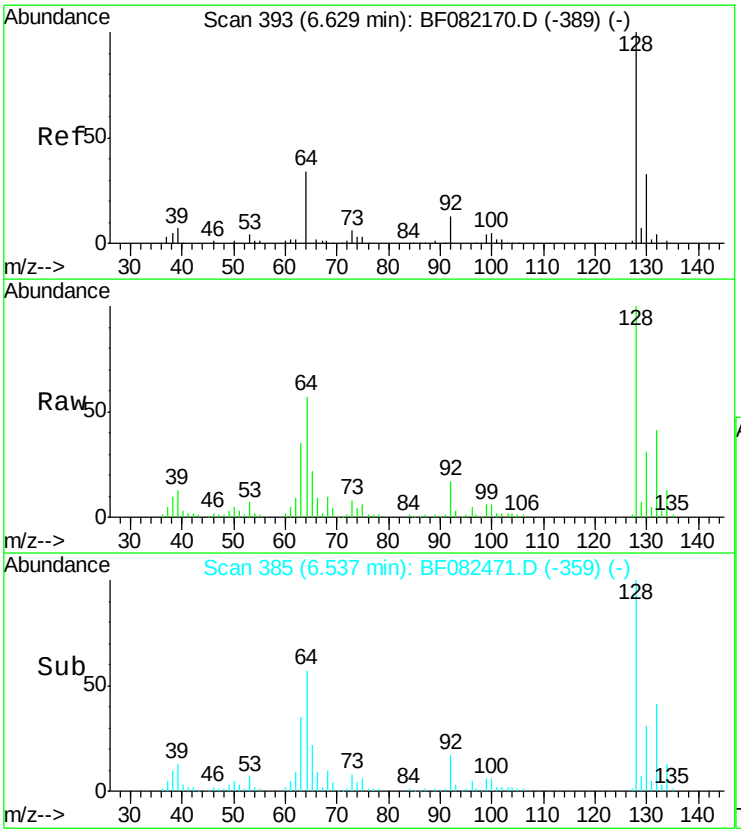
Tgt Ion: 99 Resp: 696997

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.2	19.8
71	33.2	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

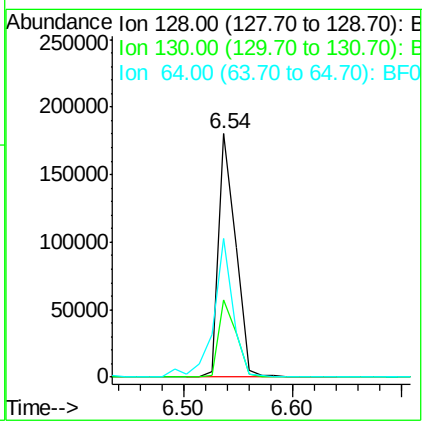
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

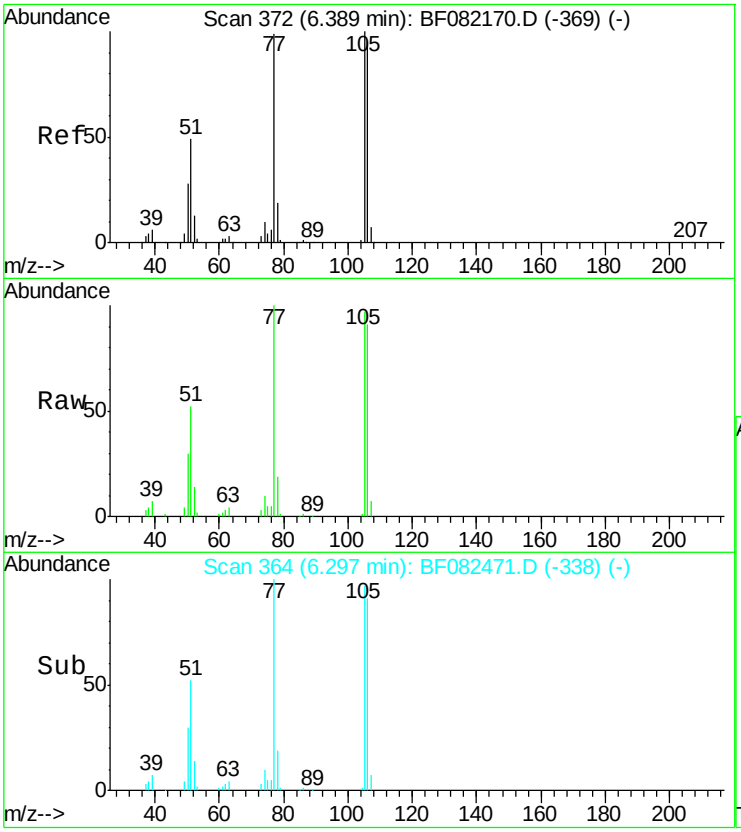


#8
2-Chlorophenol
Concen: 29.62 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:128 Resp: 198964

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.6	52.6
64	56.8	16.7	56.7#

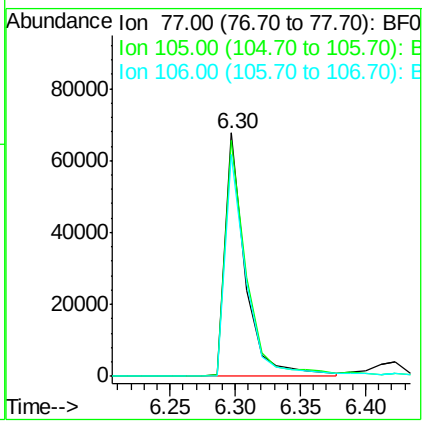




#9
Benzaldehyde
Concen: 20.04 ng
RT: 6.30 min Scan# 364
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

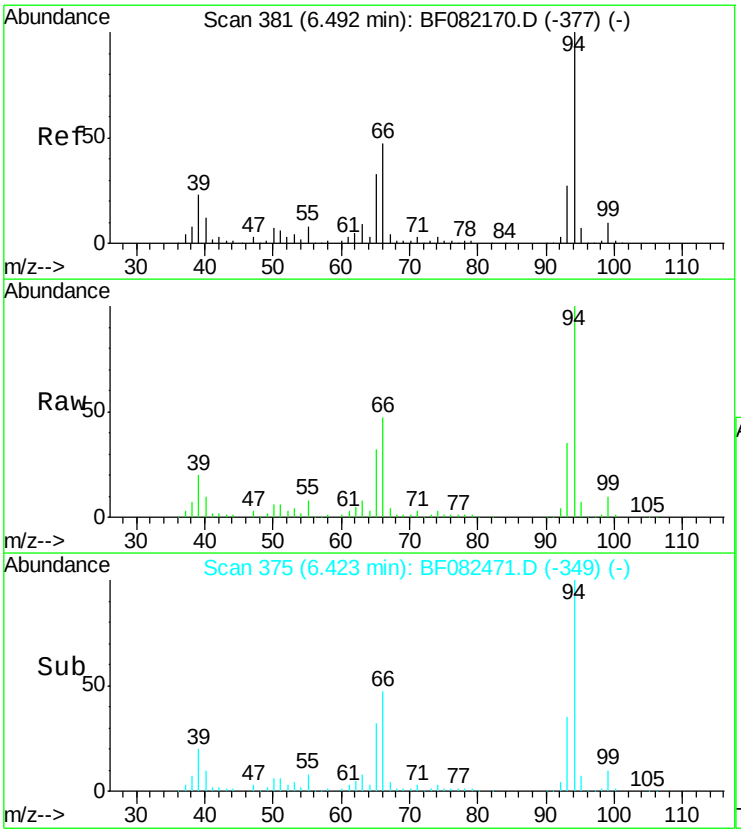
Tgt Ion: 77 Resp: 73269

Ion	Ratio	Lower	Upper
77	100		
105	96.8	80.6	120.6
106	90.9	75.5	115.5



Instrument :
BNA_F
ClientSampleId :
PB86188BS

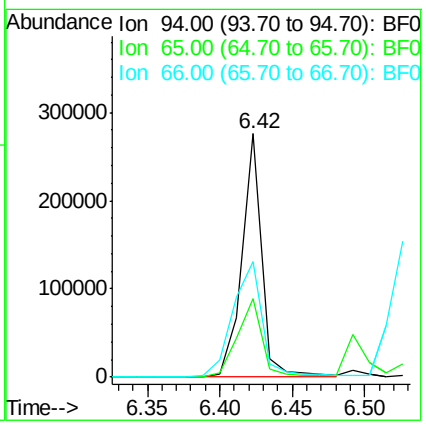
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

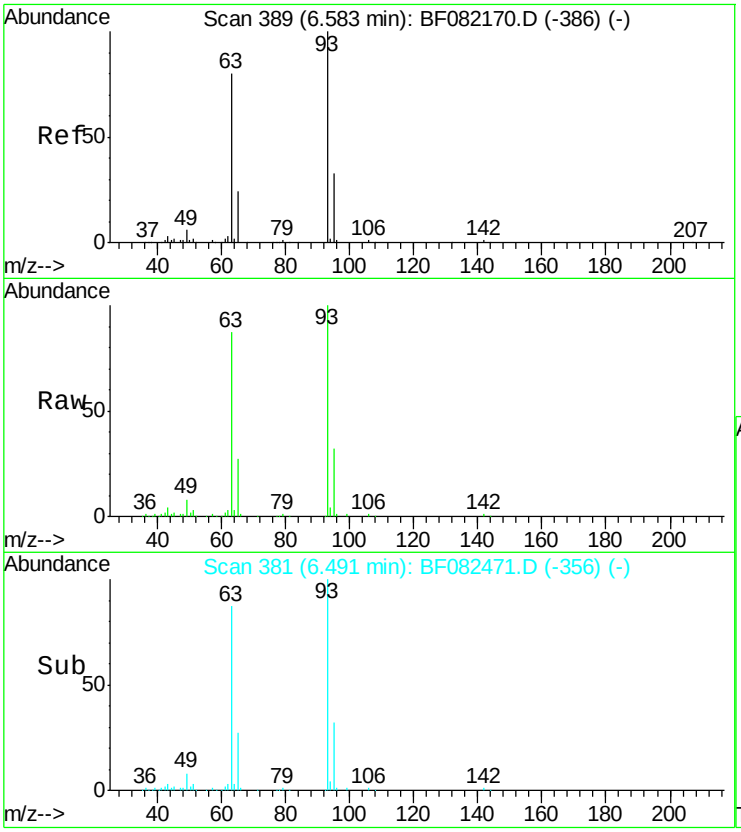


#10
Phenol
Concen: 31.87 ng
RT: 6.42 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 94 Resp: 263136

Ion	Ratio	Lower	Upper
94	100		
65	32.1	12.6	52.6
66	47.5	27.3	67.3

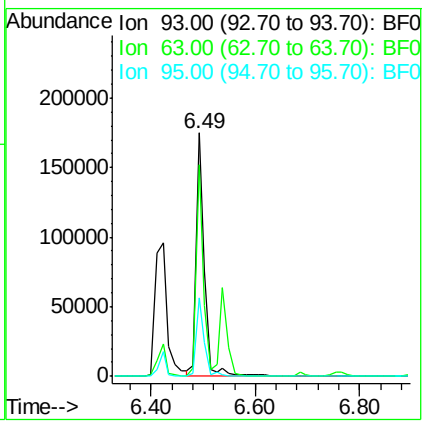




#11
bis(2-Chloroethyl)ether
Concen: 27.58 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

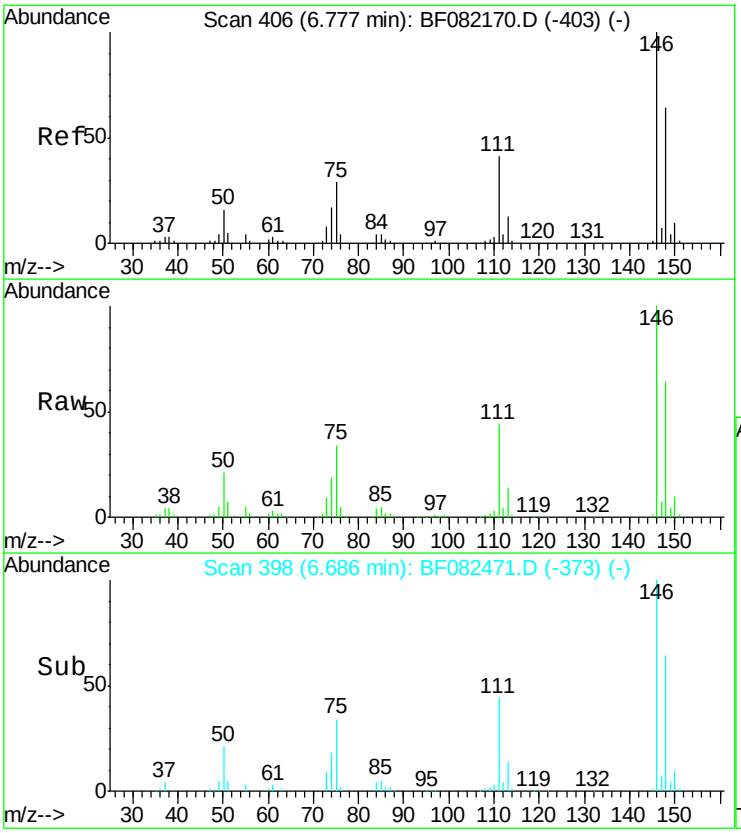
Tgt Ion: 93 Resp: 192523

Ion	Ratio	Lower	Upper
93	100		
63	87.1	57.1	97.1
95	32.5	11.9	51.9



Instrument :
BNA_F
ClientSampleId :
PB86188BS

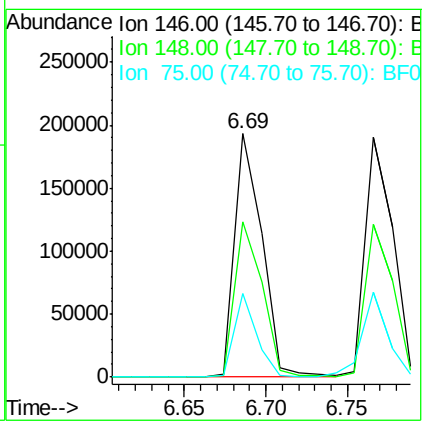
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

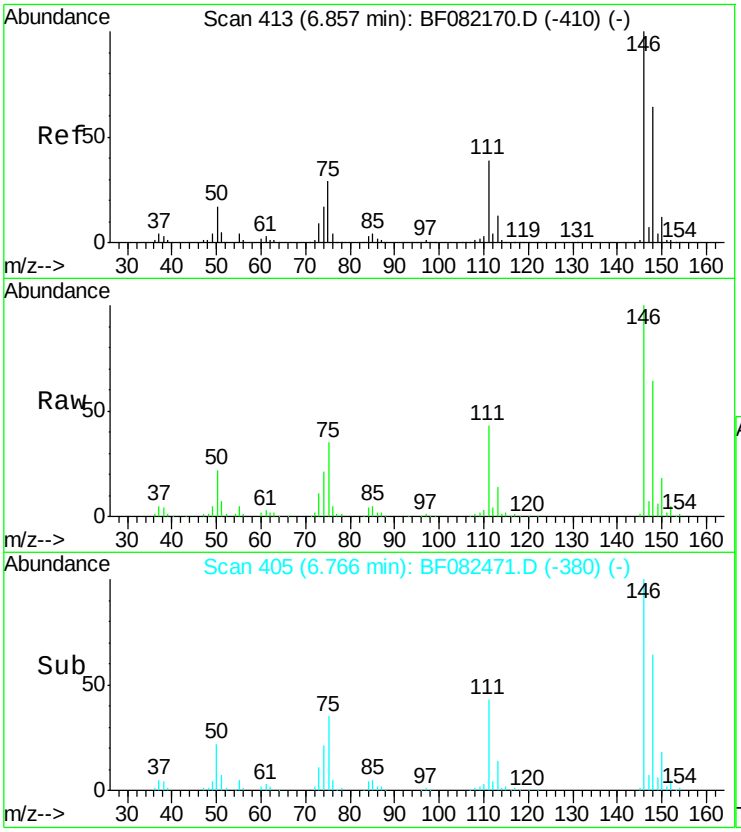


#12
1,3-Dichlorobenzene
Concen: 28.33 ng
RT: 6.69 min Scan# 398
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:146 Resp: 221623

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
75	34.4	23.0	34.6

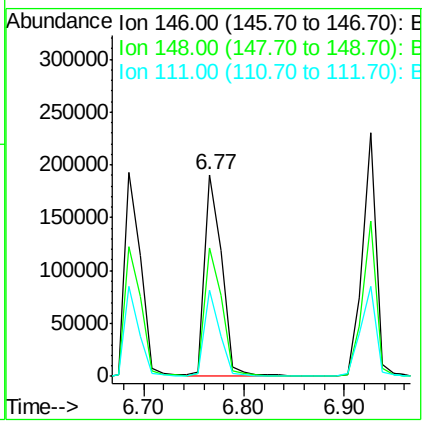




#13
1,4-Dichlorobenzene
Concen: 27.99 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

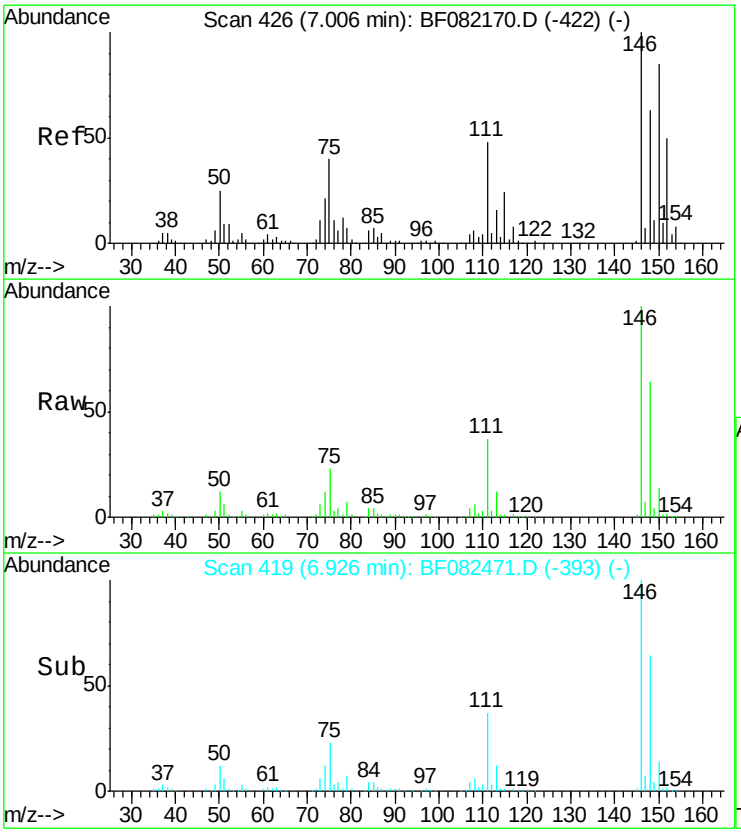
Tgt Ion:146 Resp: 228697

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
111	42.9	31.1	46.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

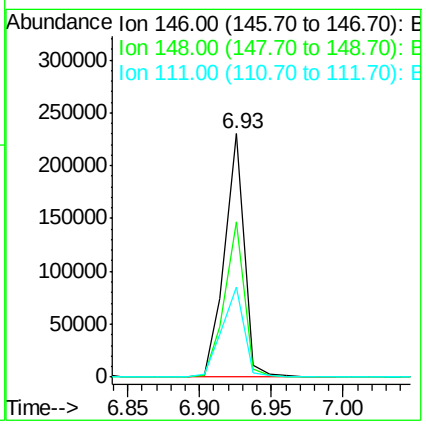
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

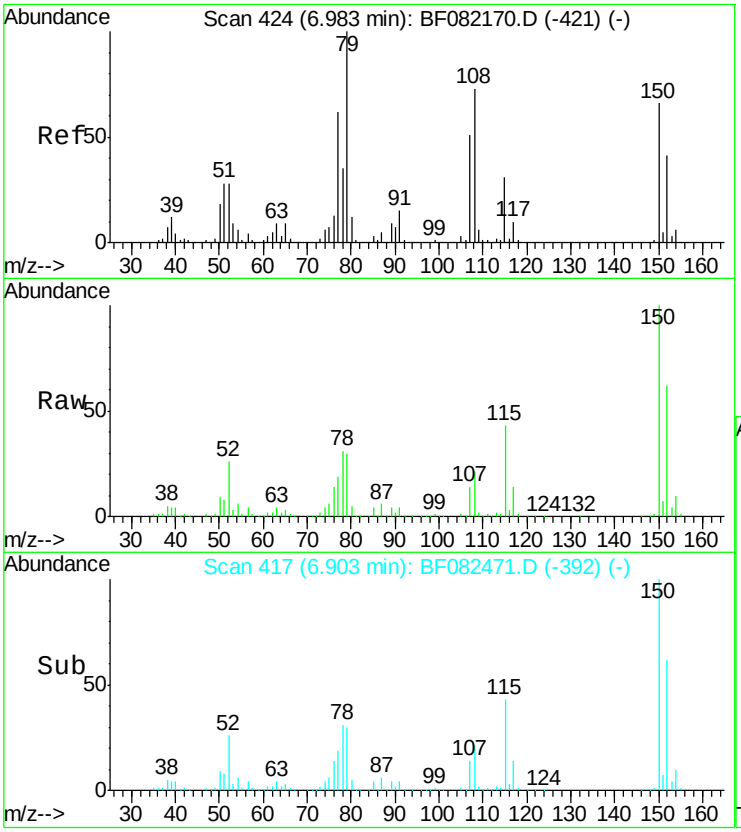


#14
1,2-Dichlorobenzene
Concen: 28.40 ng m
RT: 6.93 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:146 Resp: 220270

Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.5	75.7
111	36.9	38.5	57.7#

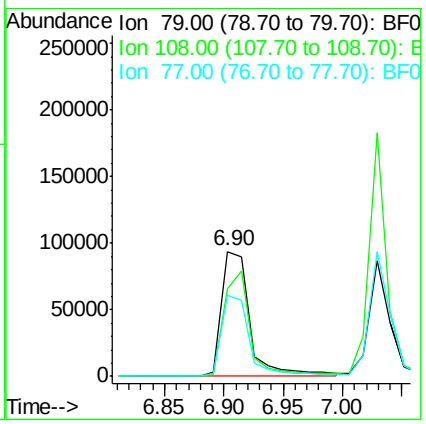




#15
Benzyl Alcohol
Concen: 31.62 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

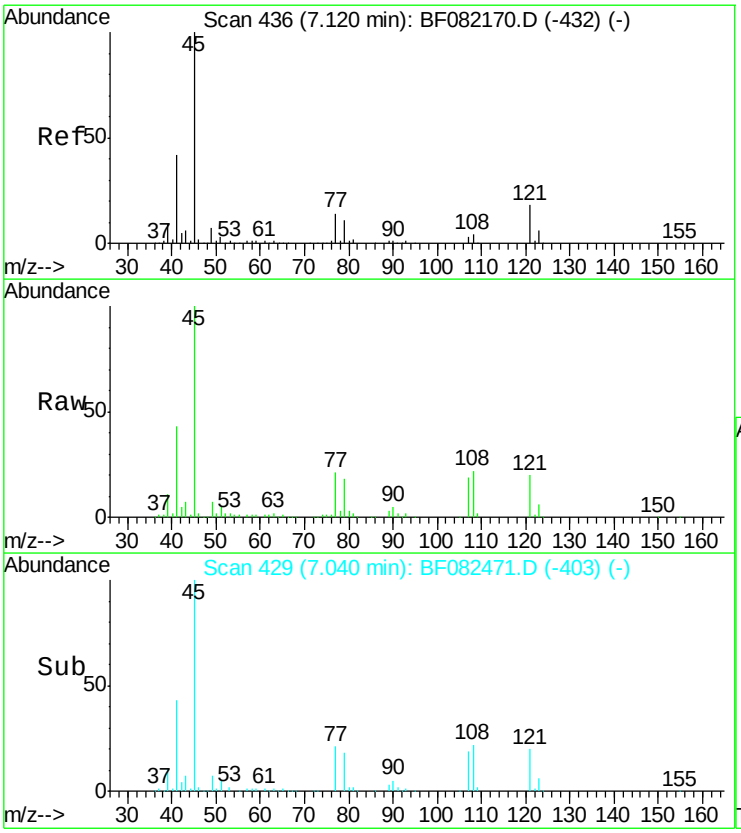
Tgt Ion: 79 Resp: 156286

Ion	Ratio	Lower	Upper
79	100		
108	69.5	58.4	87.6
77	64.7	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
PB86188BS

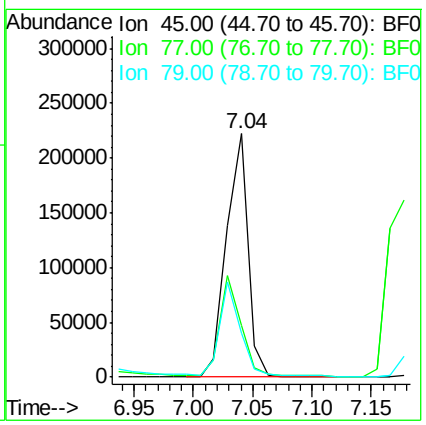
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

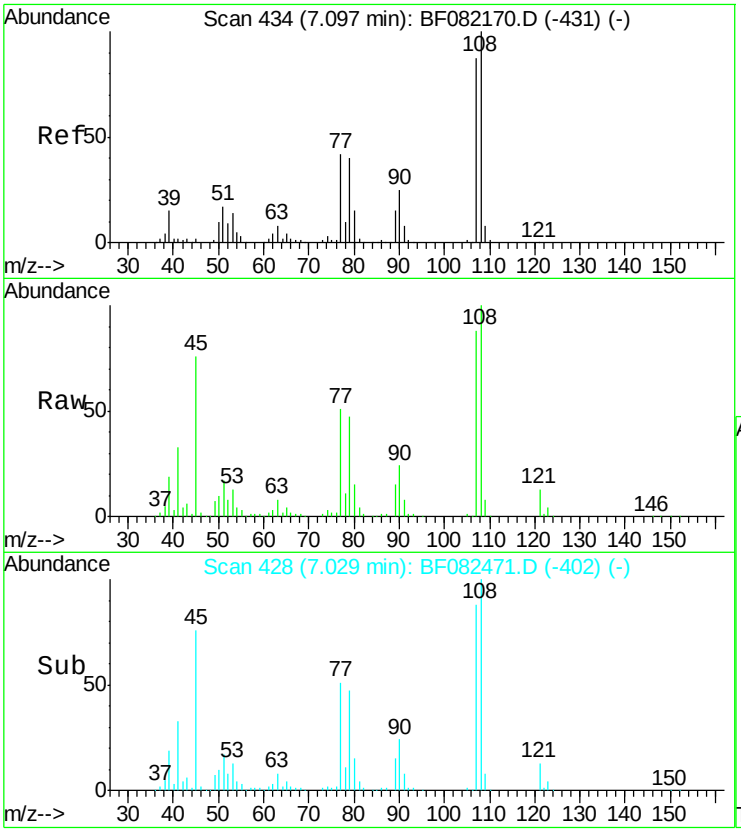


#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.84 ng
RT: 7.04 min Scan# 429
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 45 Resp: 280401

Ion	Ratio	Lower	Upper
45	100		
77	21.1	0.0	34.5
79	18.1	0.0	31.6

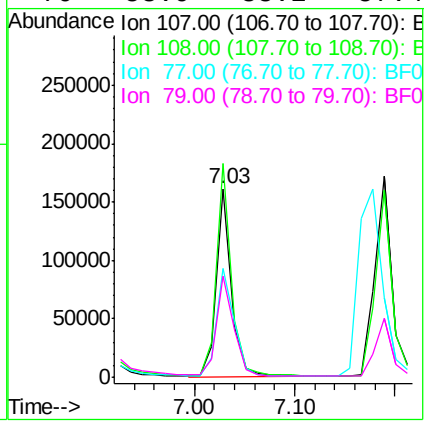




#17
2-Methylphenol
Concen: 31.52 ng
RT: 7.03 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

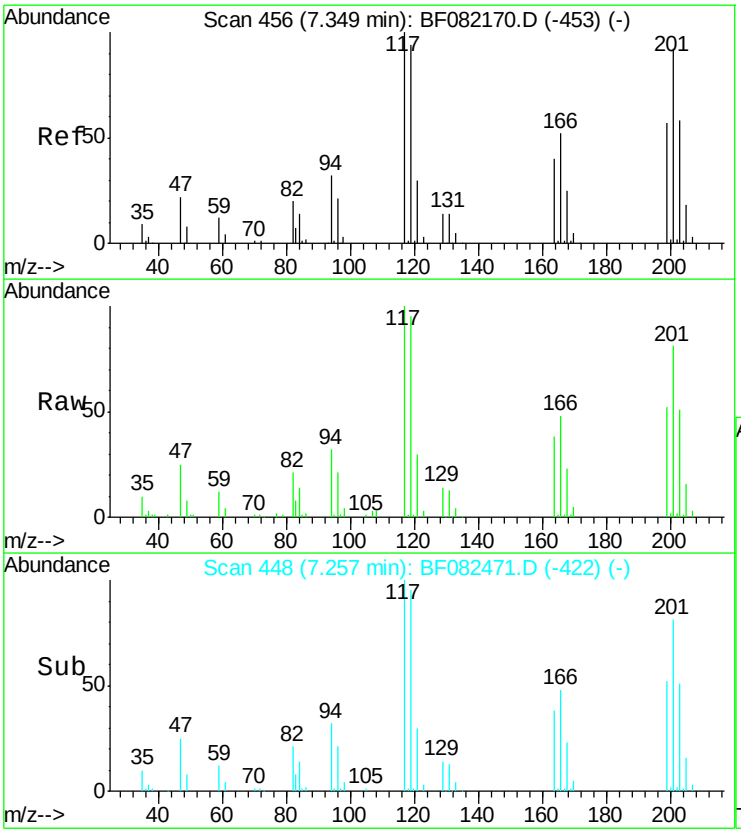
Tgt Ion:107 Resp: 167434

Ion	Ratio	Lower	Upper
107	100		
108	113.5	92.2	138.2
77	57.8	39.6	59.4
79	53.9	38.2	57.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

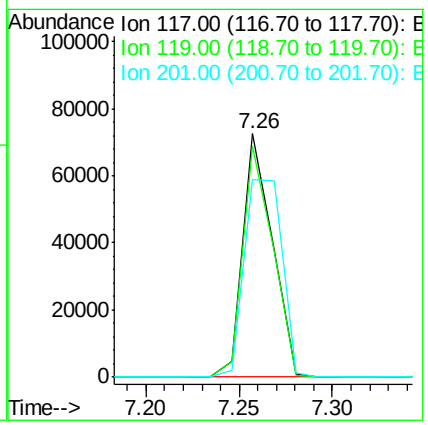
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

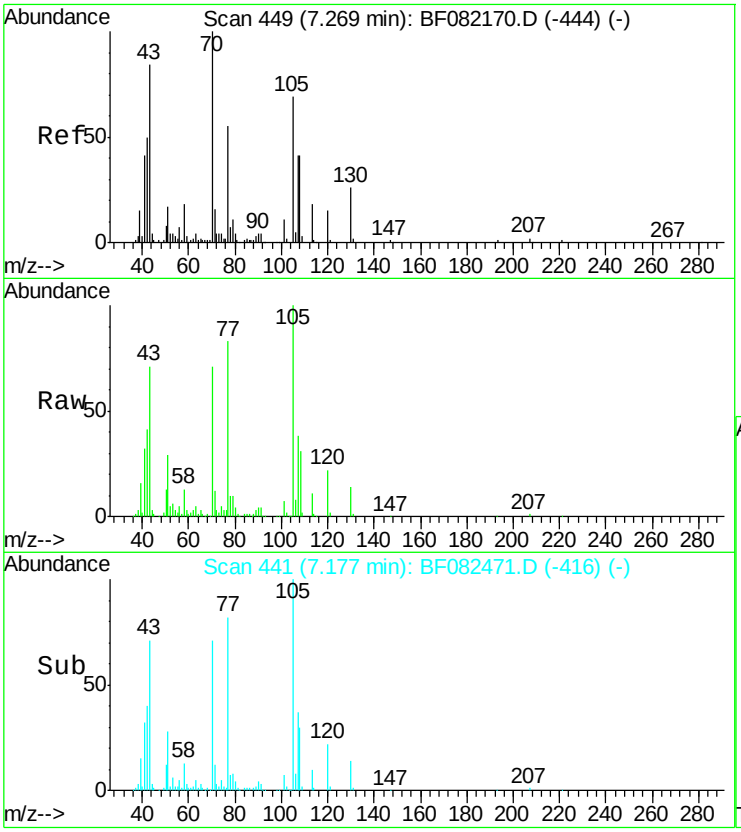


#18
Hexachloroethane
Concen: 28.41 ng
RT: 7.26 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:117 Resp: 79439

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.4	113.2
201	81.1	73.4	110.0

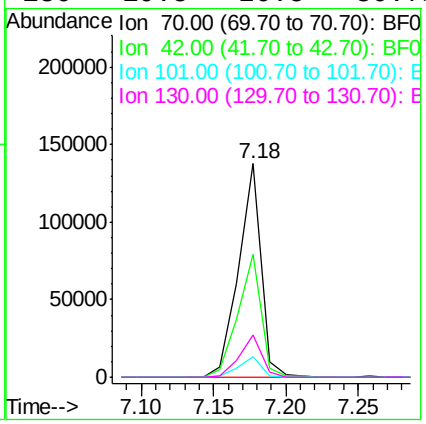




#19
n-Nitroso-di-n-propylamine
Concen: 29.54 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

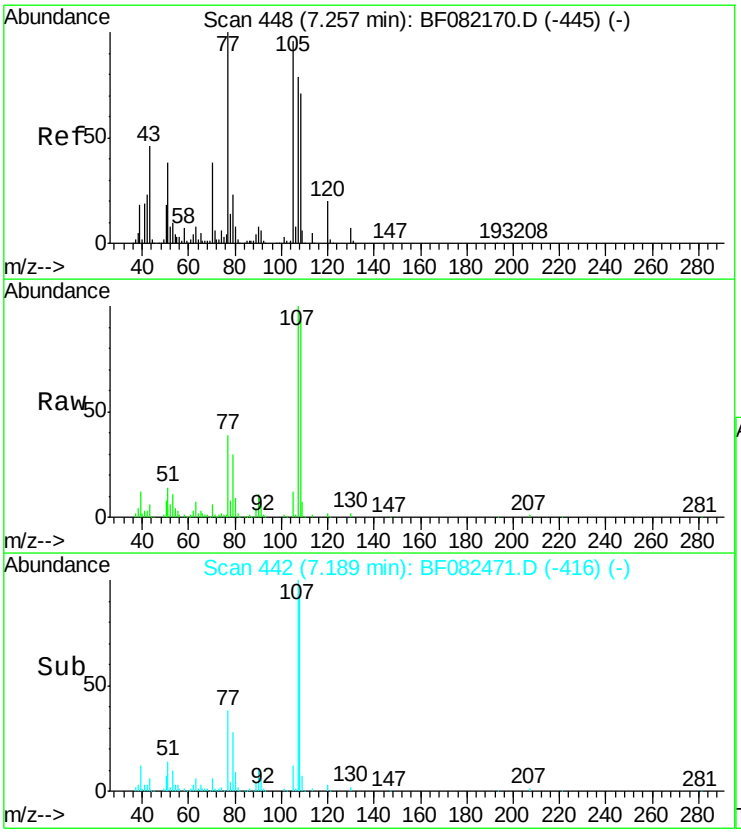
Tgt Ion: 70 Resp: 148565

Ion	Ratio	Lower	Upper
70	100		
42	57.3	39.8	59.8
101	9.8	8.6	13.0
130	19.5	20.5	30.7#



Instrument :
BNA_F
ClientSampleId :
PB86188BS

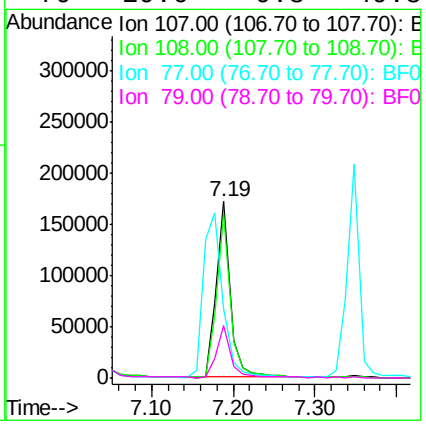
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

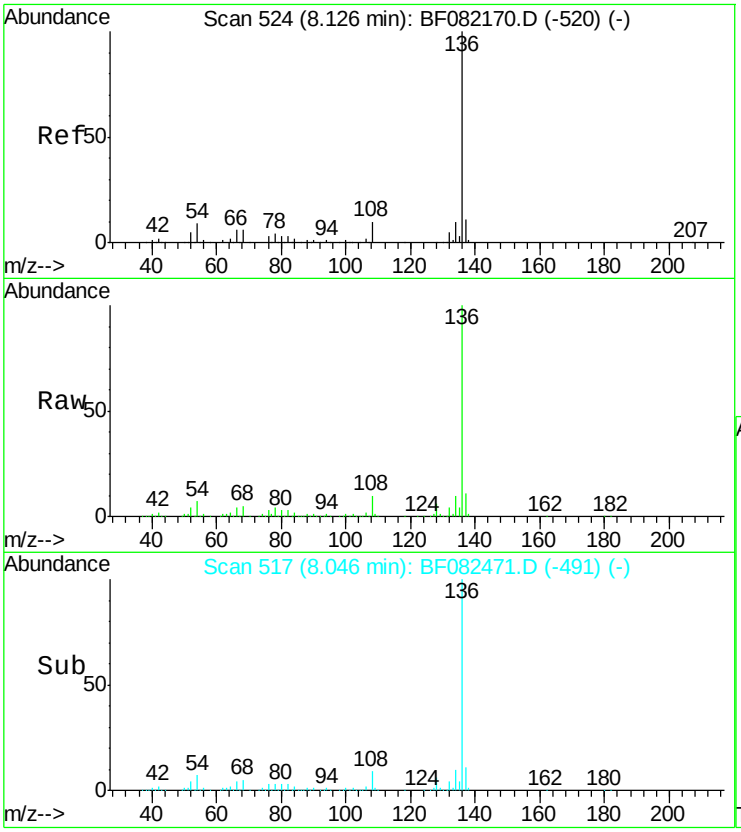


#20
3+4-Methylphenols
Concen: 32.94 ng
RT: 7.19 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:107 Resp: 208508

Ion	Ratio	Lower	Upper
107	100		
108	92.7	69.9	109.9
77	39.3	106.0	146.0#
79	29.6	9.8	49.8

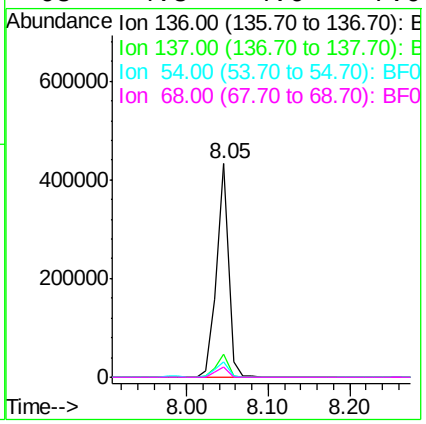




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 517
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

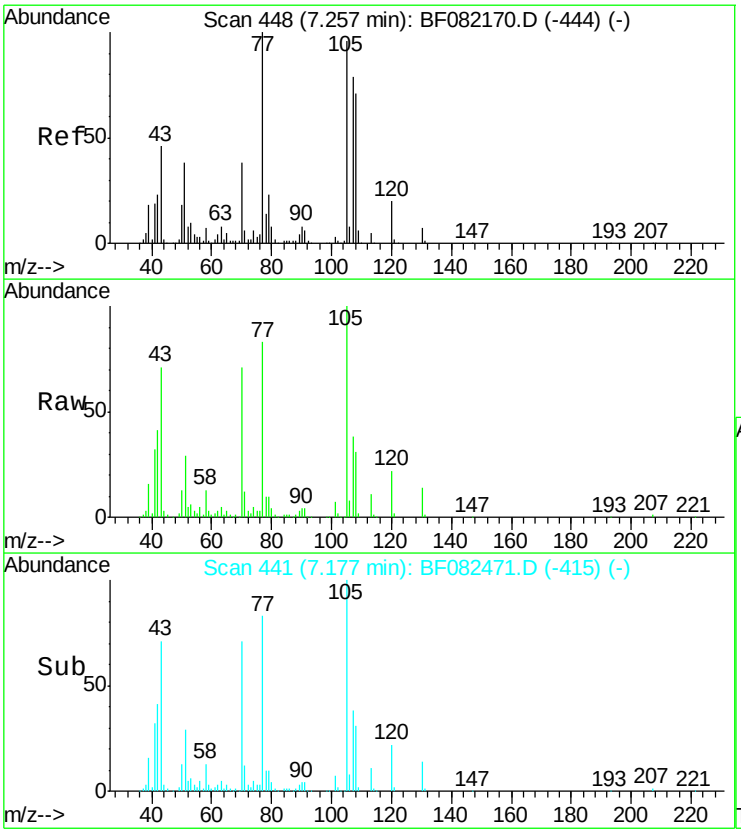
Tgt Ion:136 Resp: 442205

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.2	7.5	11.3#
68	4.8	4.6	7.0



Instrument :
BNA_F
ClientSampleId :
PB86188BS

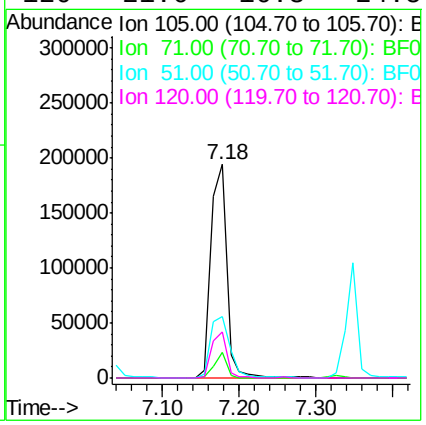
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

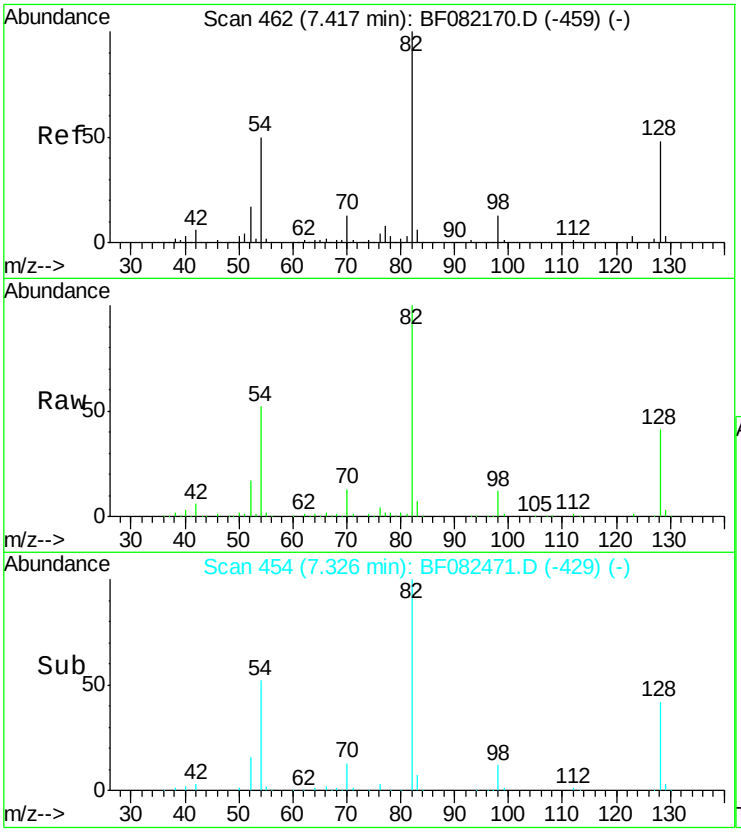


#22
Acetophenone
Concen: 31.94 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:105 Resp: 279431

Ion	Ratio	Lower	Upper
105	100		
71	11.8	5.4	8.0#
51	29.0	31.8	47.6#
120	21.6	16.3	24.5

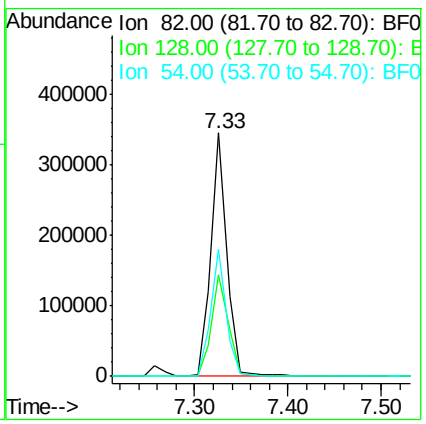




#23
Nitrobenzene-d5
Concen: 62.81 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

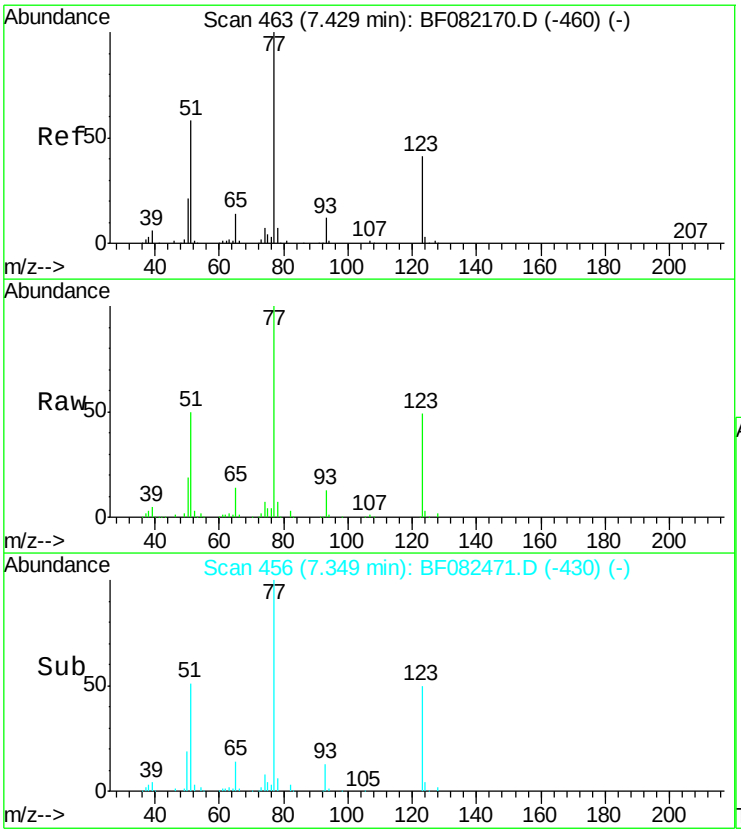
Tgt Ion: 82 Resp: 413600

Ion	Ratio	Lower	Upper
82	100		
128	41.5	38.7	58.1
54	52.3	40.1	60.1



Instrument :
BNA_F
ClientSampleId :
PB86188BS

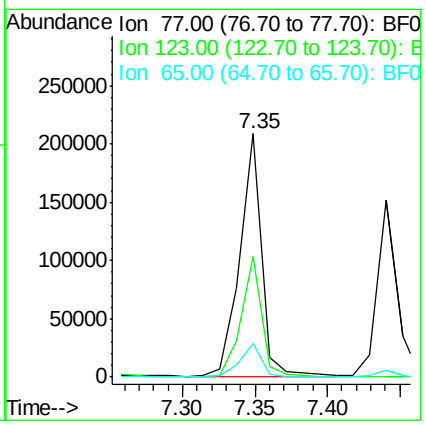
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

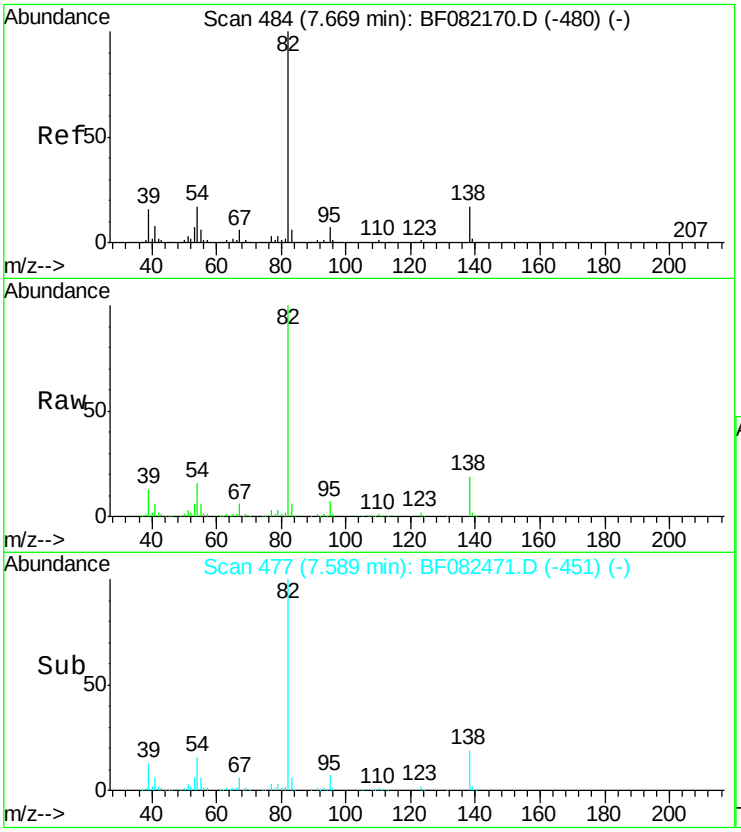


#24
Nitrobenzene
Concen: 30.26 ng
RT: 7.35 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 77 Resp: 215691

Ion	Ratio	Lower	Upper
77	100		
123	49.3	33.0	49.4
65	13.8	11.2	16.8

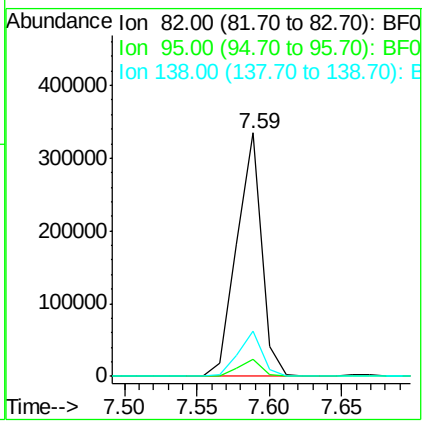




#25
Isophorone
Concen: 29.88 ng
RT: 7.59 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

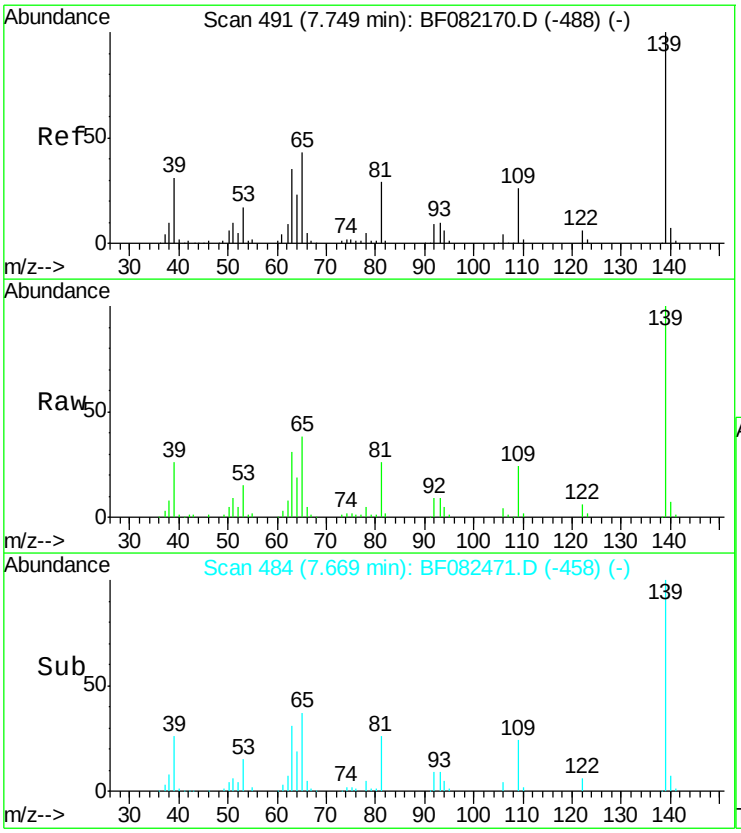
Tgt Ion: 82 Resp: 397139

Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.6	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

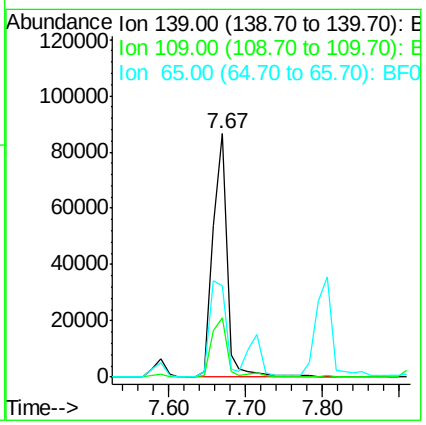
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

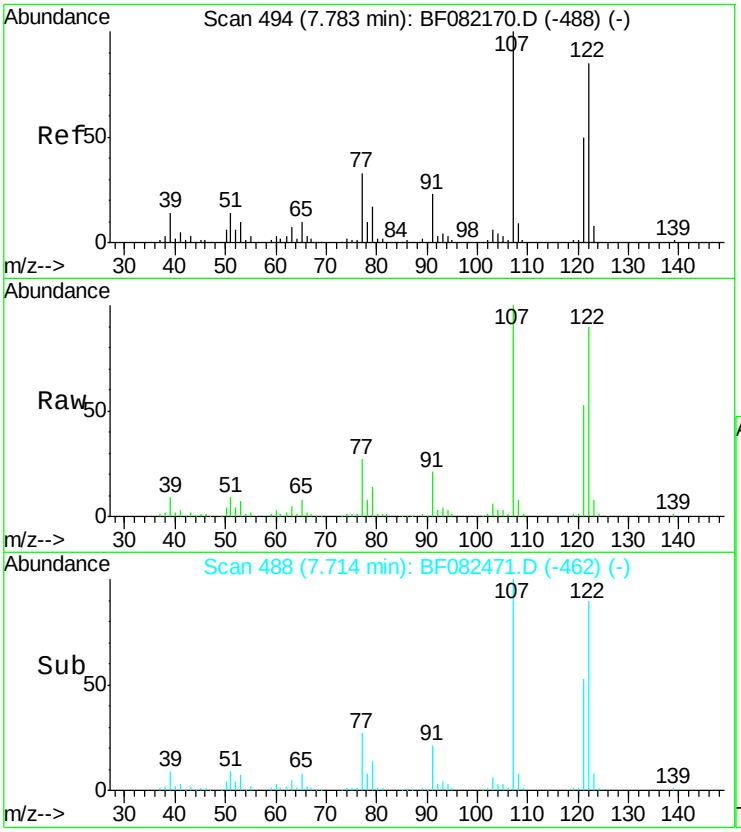


#26
2-Nitrophenol
Concen: 30.90 ng
RT: 7.67 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:139 Resp: 109982

Ion	Ratio	Lower	Upper
139	100		
109	24.4	20.6	31.0
65	37.6	34.3	51.5

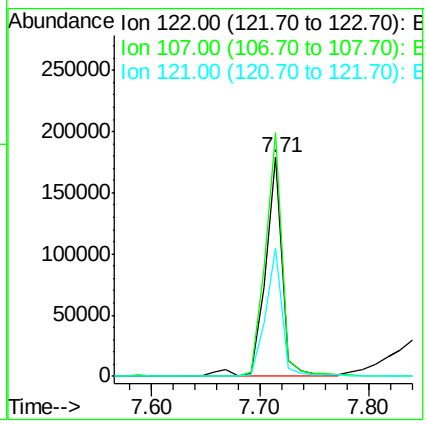




#27
2,4-Dimethylphenol
Concen: 34.18 ng
RT: 7.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

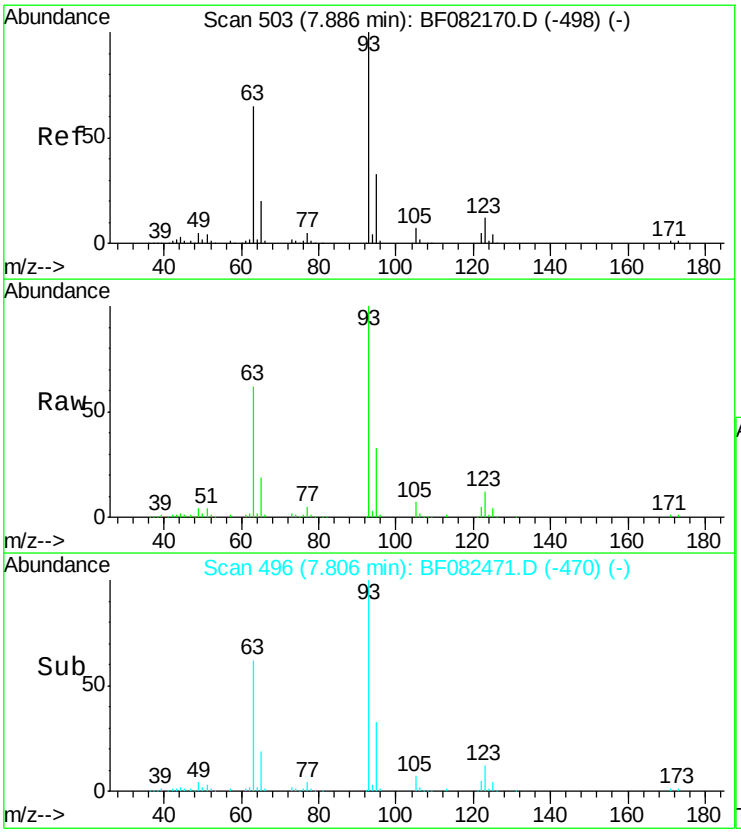
Tgt Ion:122 Resp: 195979

Ion	Ratio	Lower	Upper
122	100		
107	111.2	94.0	141.0
121	58.5	46.8	70.2



Instrument :
BNA_F
ClientSampleId :
PB86188BS

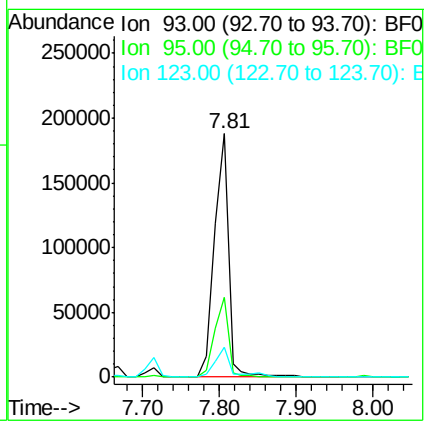
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

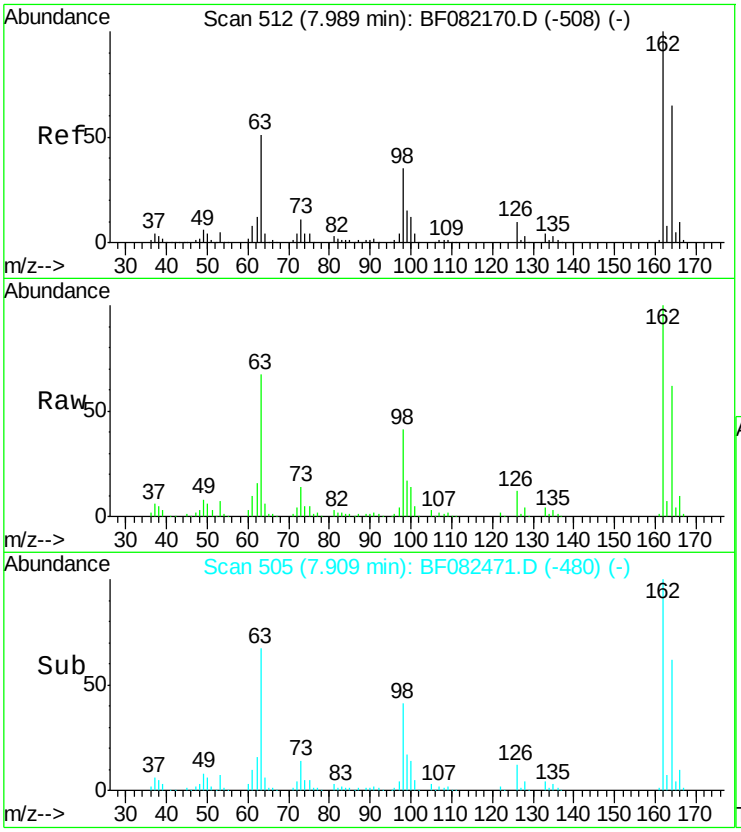


#28
bis(2-Chloroethoxy)methane
Concen: 31.03 ng
RT: 7.81 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 93 Resp: 239944

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.6	39.8
123	12.2	9.5	14.3

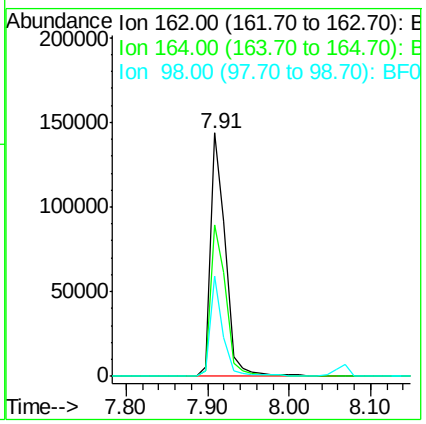




#29
2,4-Dichlorophenol
Concen: 32.07 ng
RT: 7.91 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

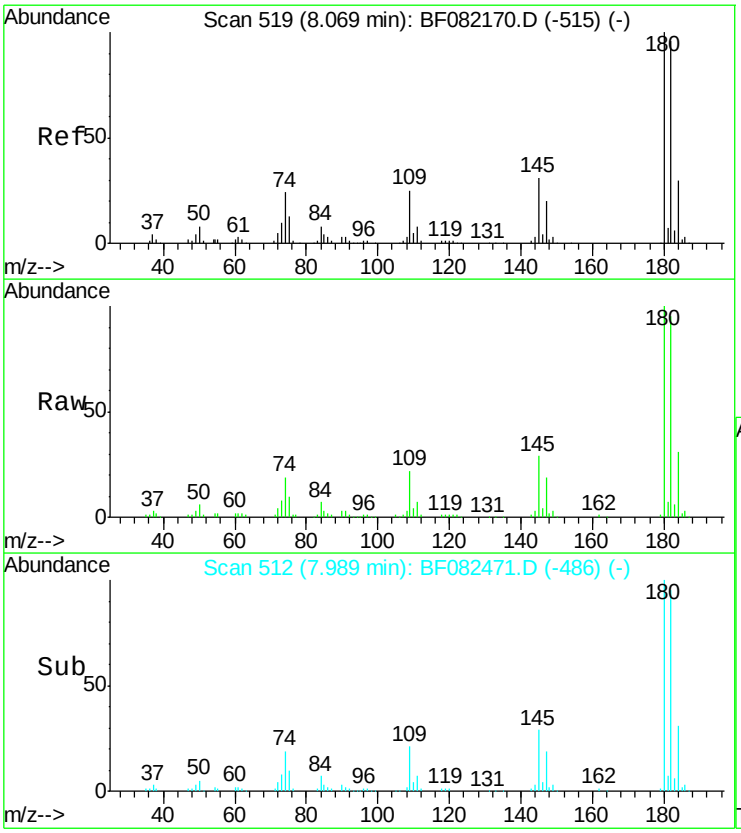
Tgt Ion:162 Resp: 183834

Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	41.1	15.0	55.0



Instrument :
BNA_F
ClientSampleId :
PB86188BS

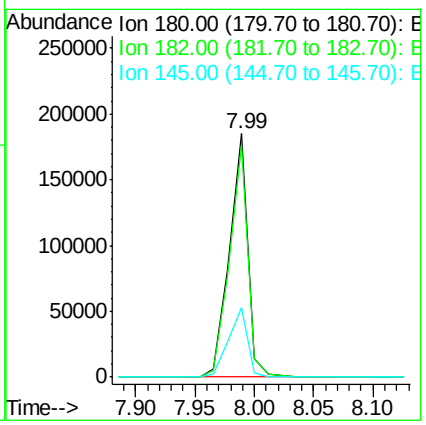
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

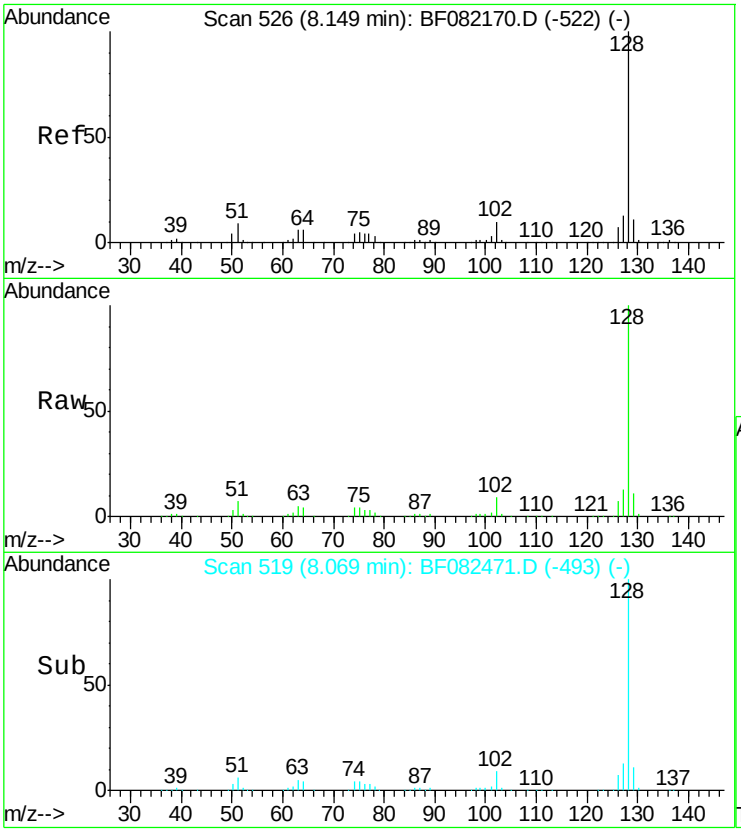


#30
1,2,4-Trichlorobenzene
Concen: 30.15 ng
RT: 7.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:180 Resp: 199176

Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.4
145	28.6	25.0	37.4

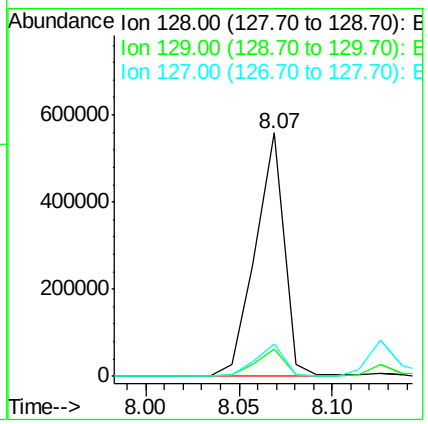




#31
Naphthalene
Concen: 31.22 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

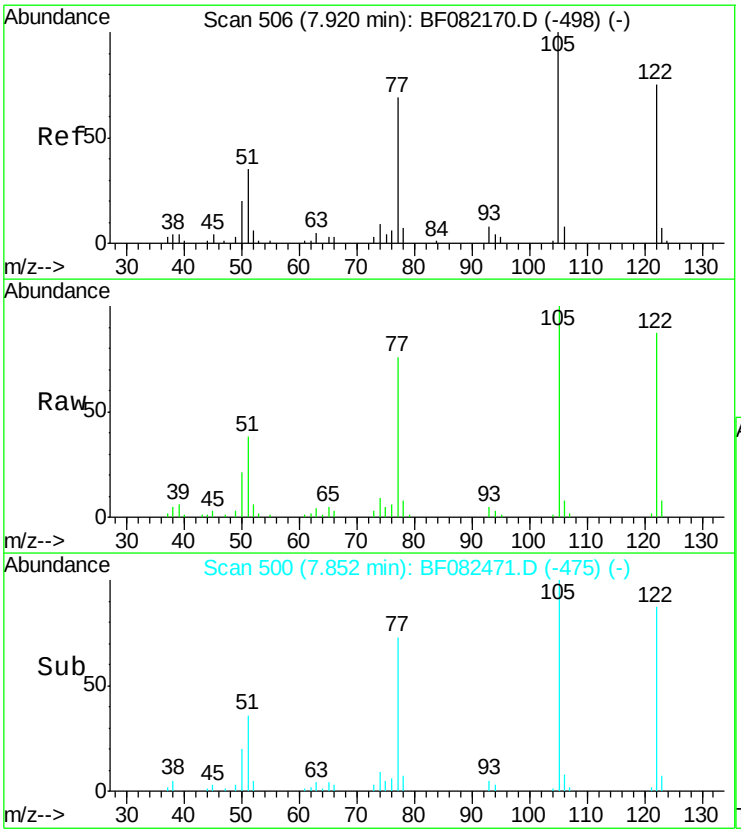
Tgt Ion:128 Resp: 598454

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.2	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
PB86188BS

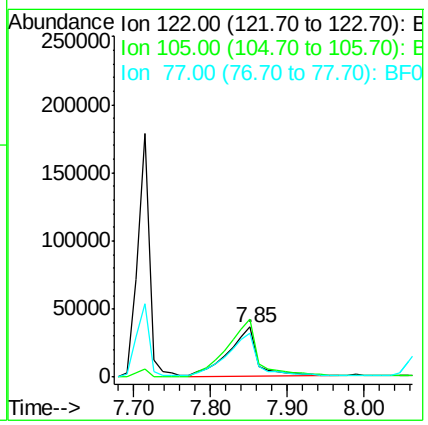
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

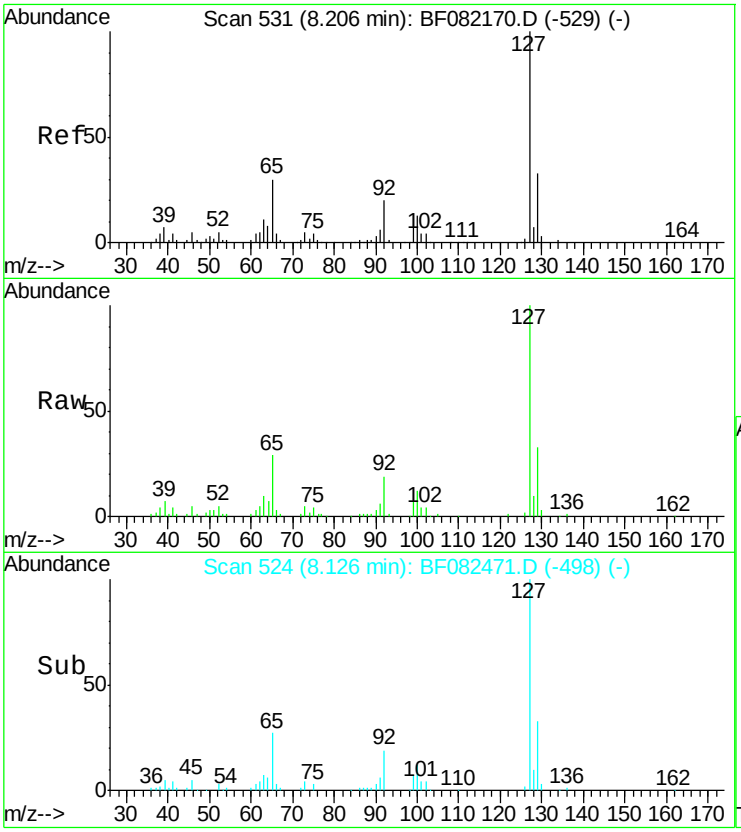


#32
Benzoic acid
Concen: 24.95 ng
RT: 7.85 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:122 Resp: 96033

Ion	Ratio	Lower	Upper
122	100		
105	115.2	104.4	144.4
77	87.6	69.0	109.0

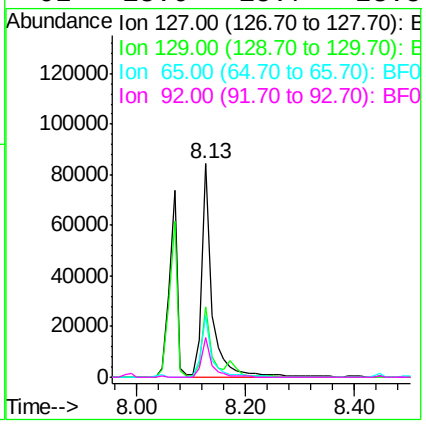




#33
4-Chloroaniline
Concen: 14.02 ng
RT: 8.13 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

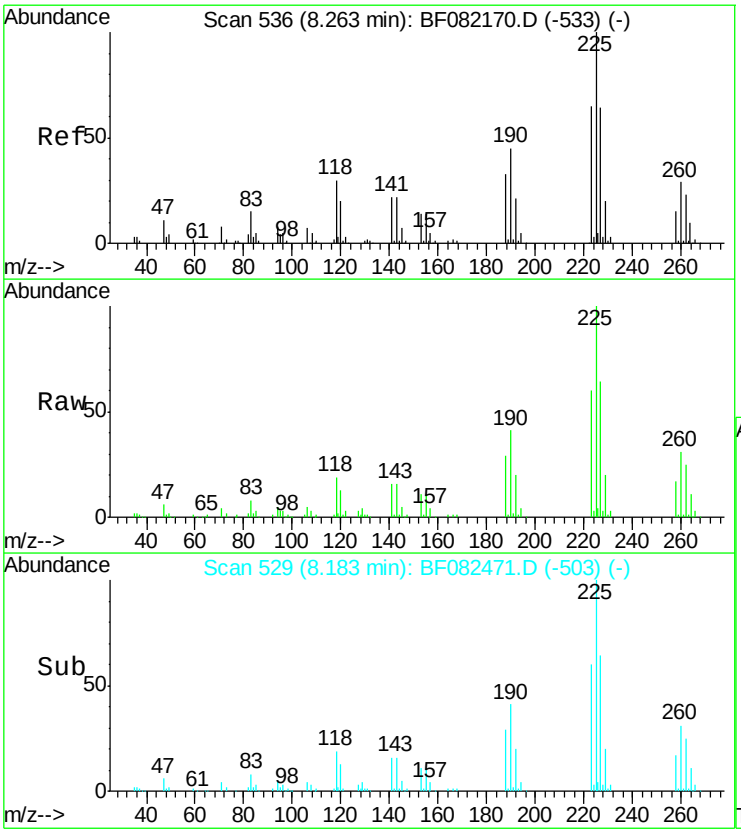
Tgt Ion:127 Resp: 111632

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	28.7	24.4	36.6
92	18.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
PB86188BS

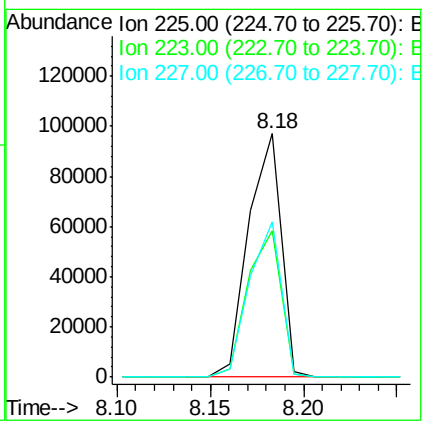
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

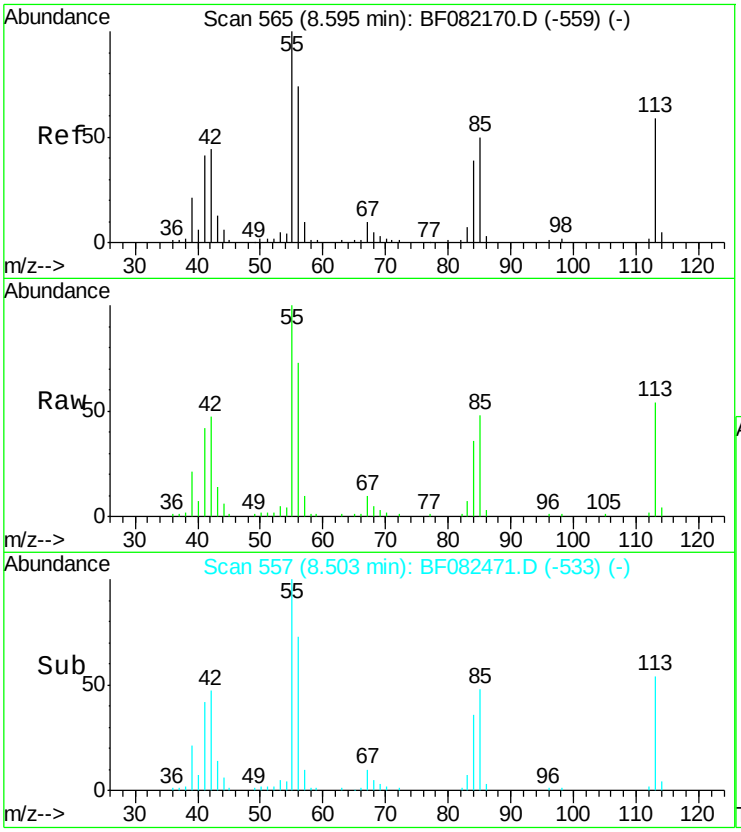


#34
Hexachlorobutadiene
Concen: 28.52 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:225 Resp: 117424

Ion	Ratio	Lower	Upper
225	100		
223	60.1	52.2	78.2
227	63.6	51.3	76.9

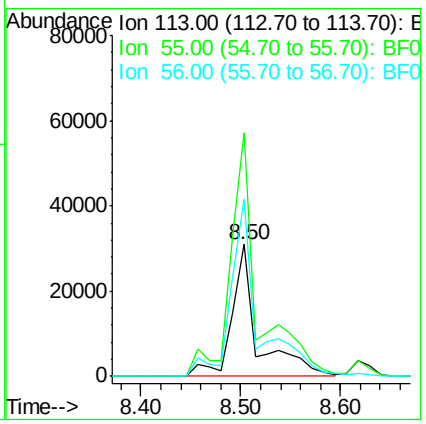




#35
Caprolactam
Concen: 33.51 ng m
RT: 8.50 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

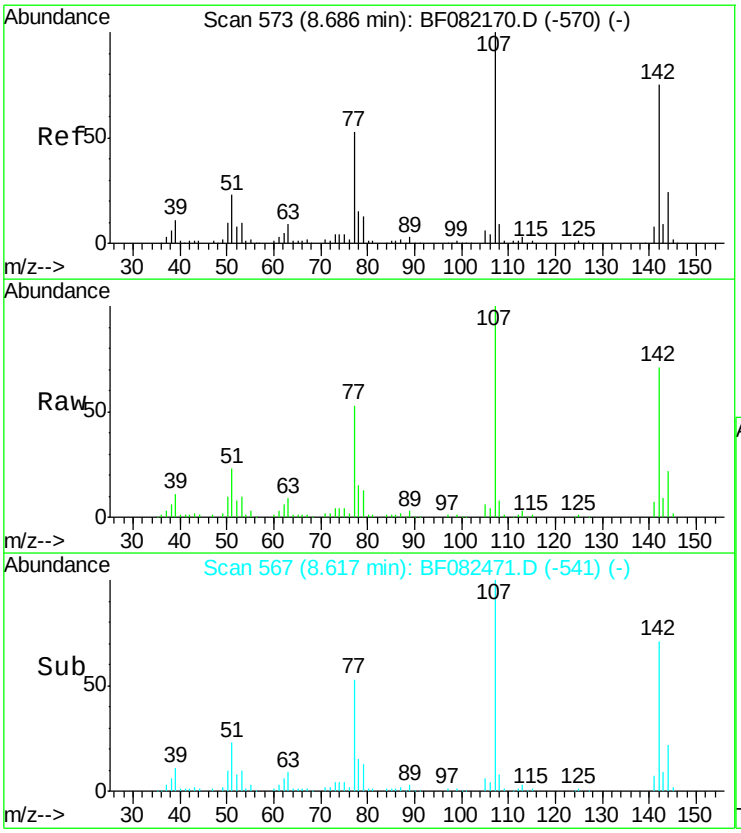
Tgt Ion:113 Resp: 55750

Ion	Ratio	Lower	Upper
113	100		
55	184.6	149.7	189.7
56	134.4	105.4	145.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

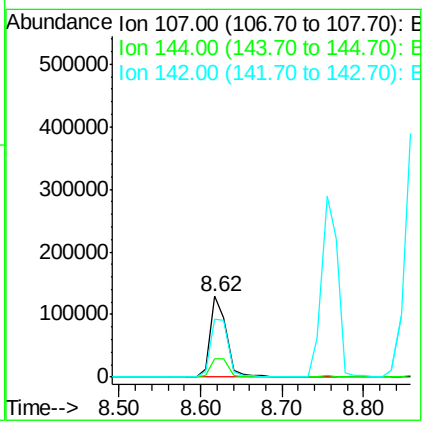
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

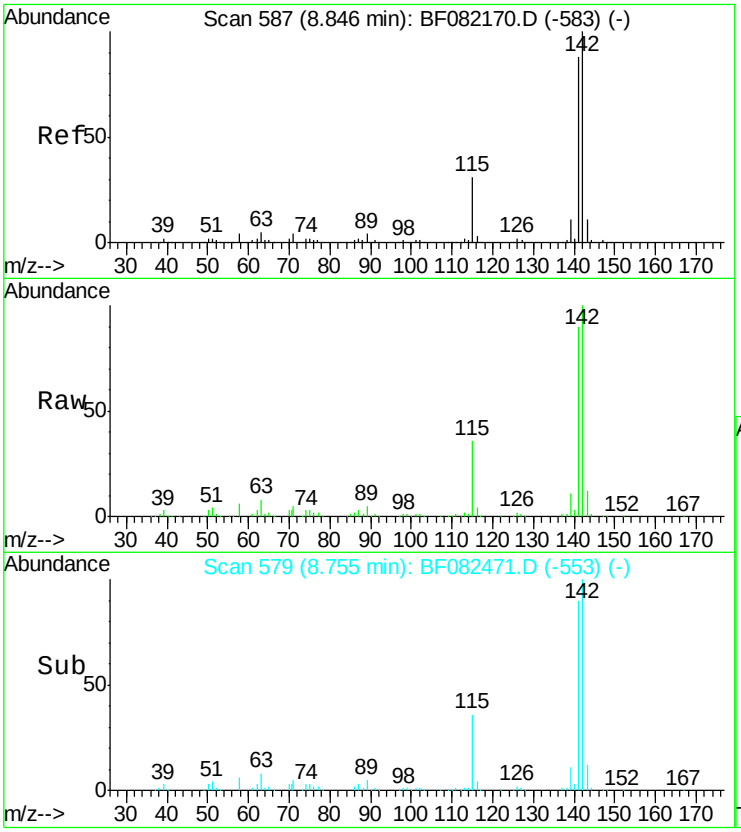


#36
4-Chloro-3-methylphenol
Concen: 32.09 ng
RT: 8.62 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:107 Resp: 179892

Ion	Ratio	Lower	Upper
107	100		
144	22.3	19.3	28.9
142	71.2	59.9	89.9

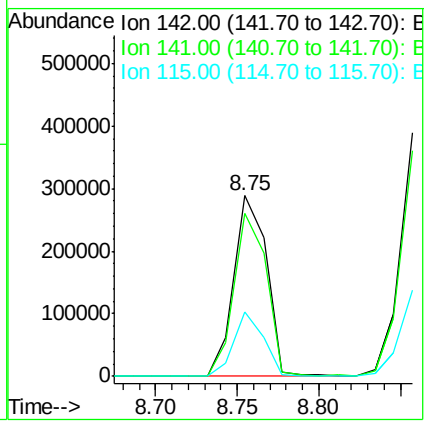




#37
2-Methylnaphthalene
Concen: 30.19 ng
RT: 8.75 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

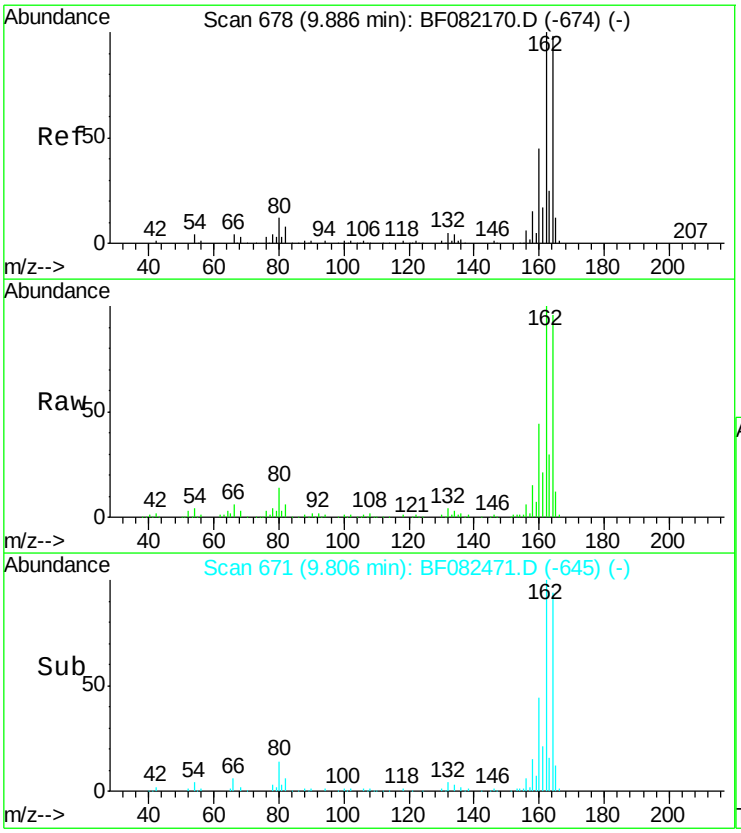
Tgt Ion:142 Resp: 401168

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.4	105.6
115	35.7	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
PB86188BS

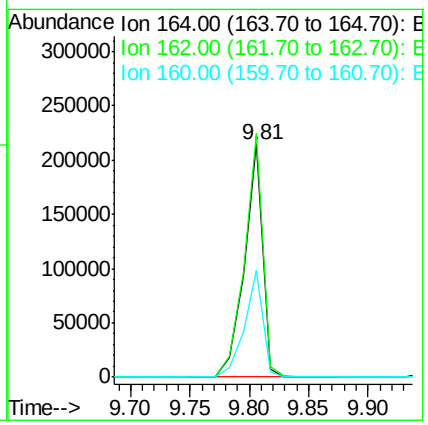
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

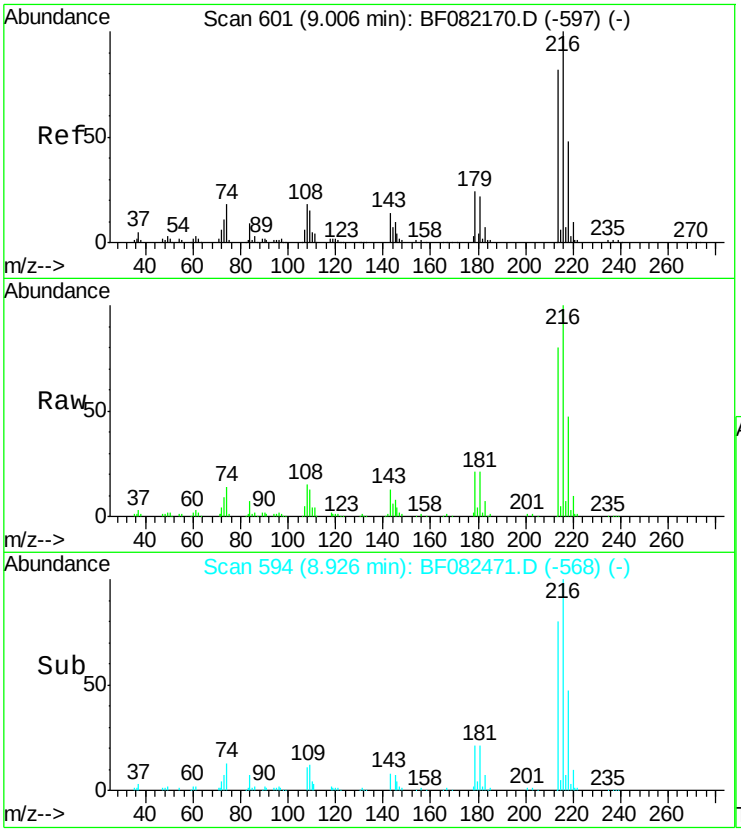


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:164 Resp: 230788

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.6	122.4
160	45.7	36.4	54.6

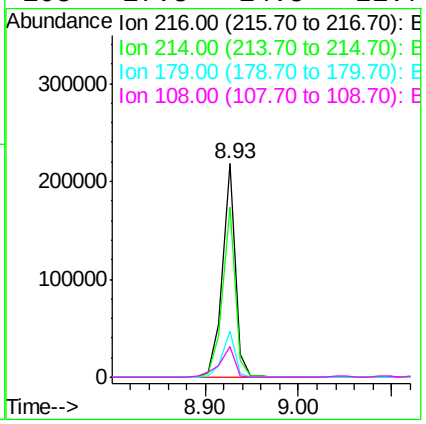




#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.48 ng
RT: 8.93 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

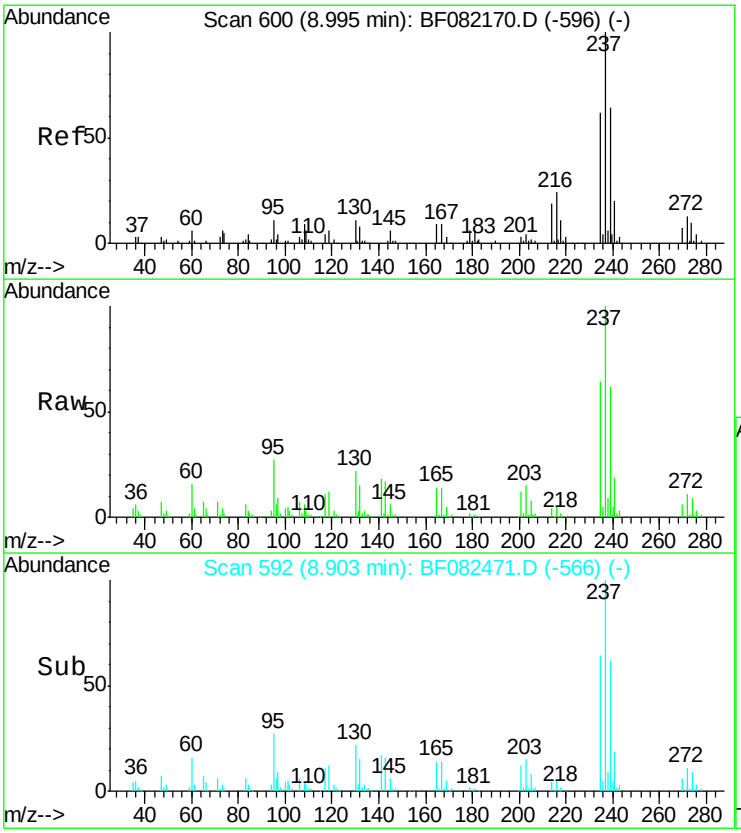
Tgt Ion:216 Resp: 209215

Ion	Ratio	Lower	Upper
216	100		
214	78.9	64.6	97.0
179	21.2	17.6	26.4
108	17.3	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

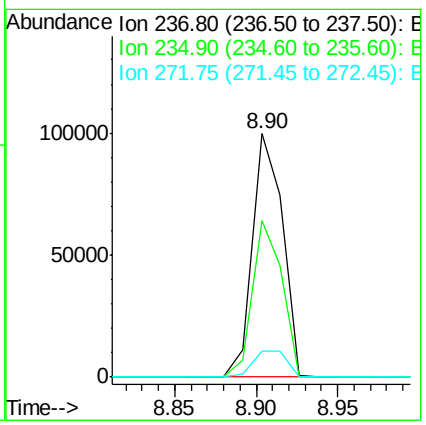
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

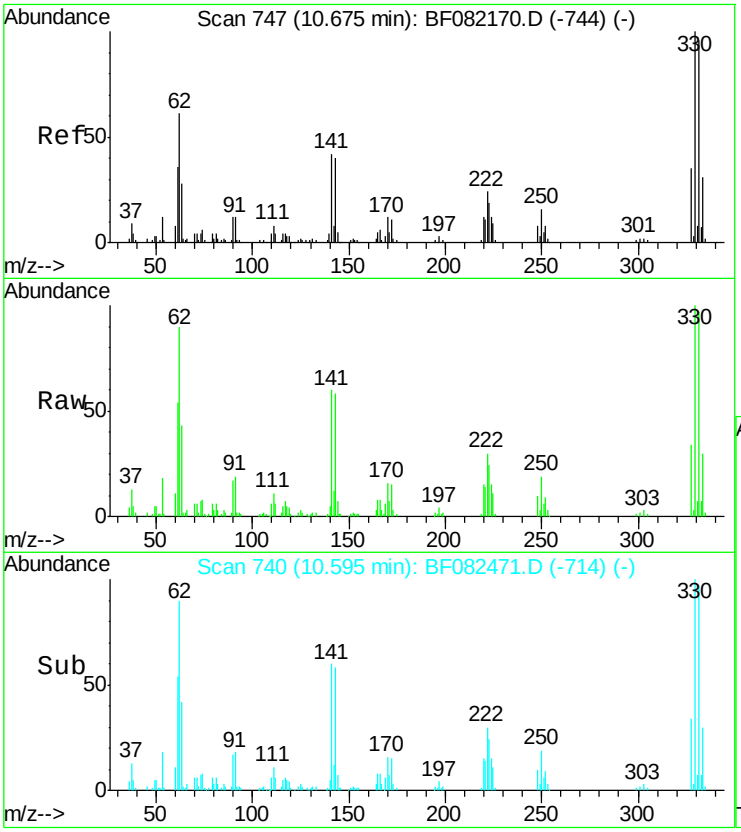


#40
Hexachlorocyclopentadiene
Concen: 41.29 ng
RT: 8.90 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:237 Resp: 127840

Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.7	81.7
272	10.5	0.0	32.8

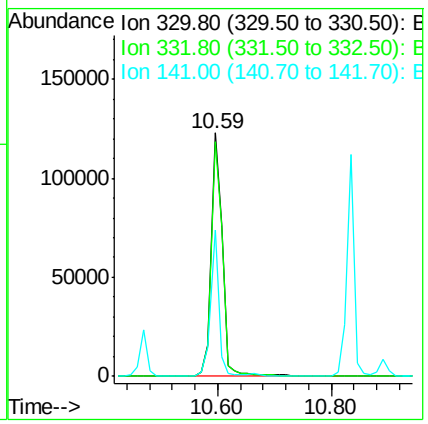




#41
2,4,6-Tribromophenol
Concen: 74.68 ng
RT: 10.59 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

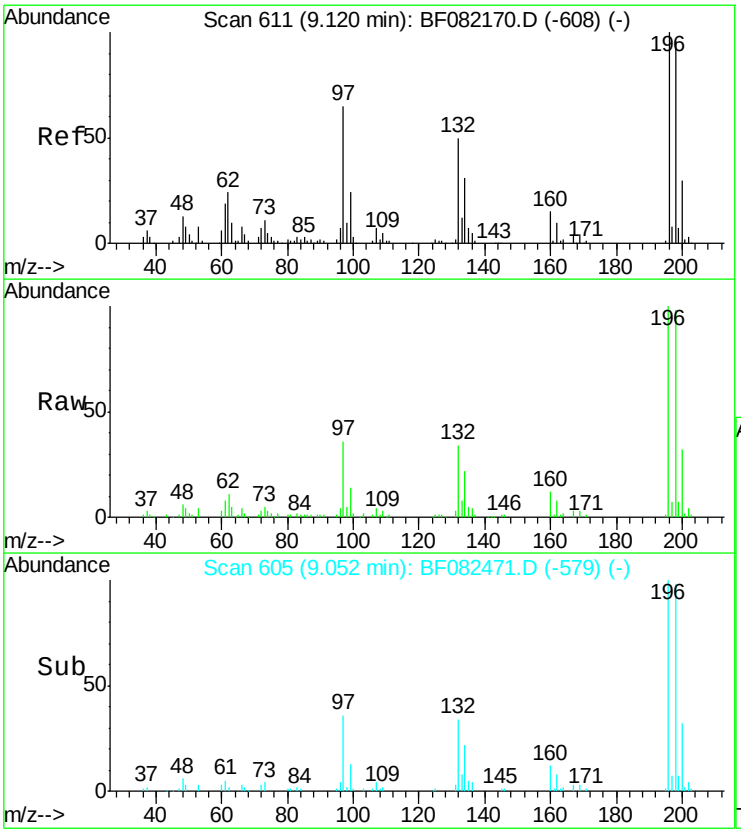
Tgt Ion:330 Resp: 161626

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.1	115.7
141	44.2	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
PB86188BS

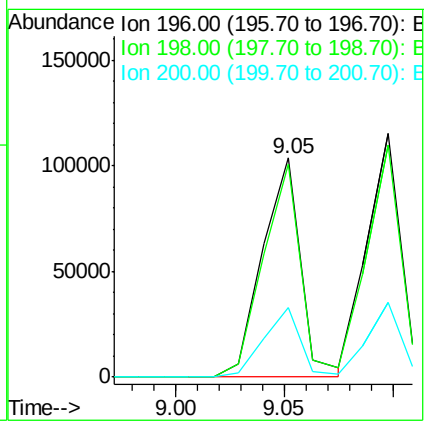
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

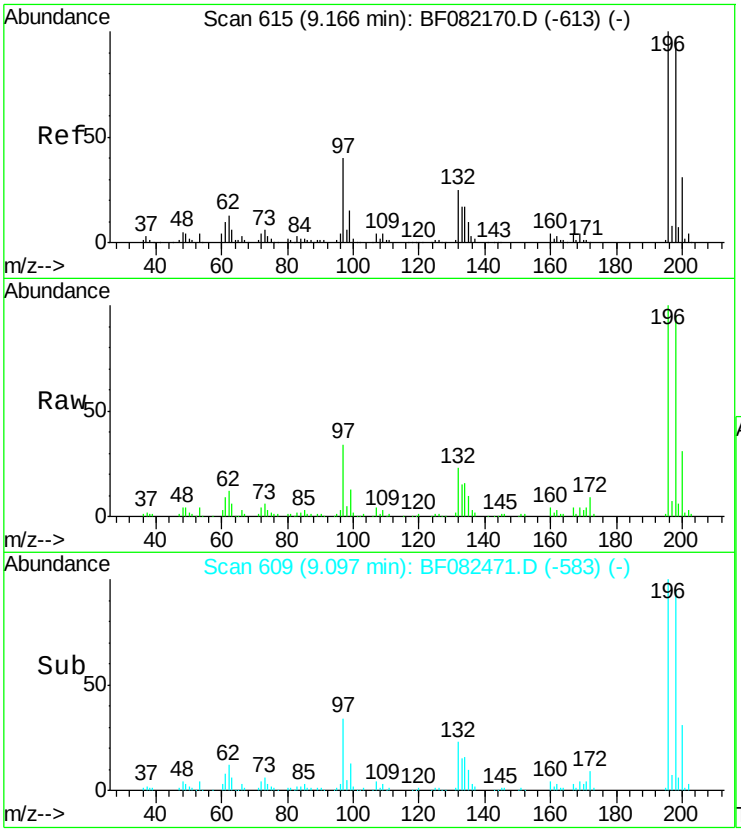


#42
2,4,6-Trichlorophenol
Concen: 27.95 ng
RT: 9.05 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:196 Resp: 127450

Ion	Ratio	Lower	Upper
196	100		
198	97.6	76.6	115.0
200	31.5	23.7	35.5

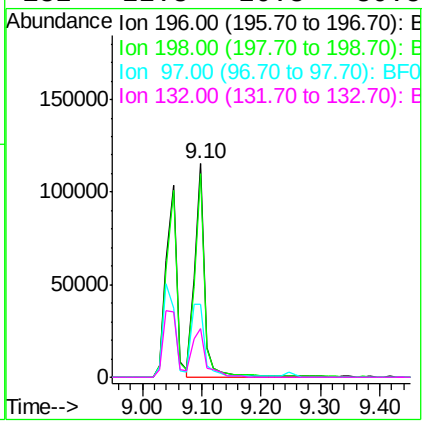




#43
2,4,5-Trichlorophenol
Concen: 28.03 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

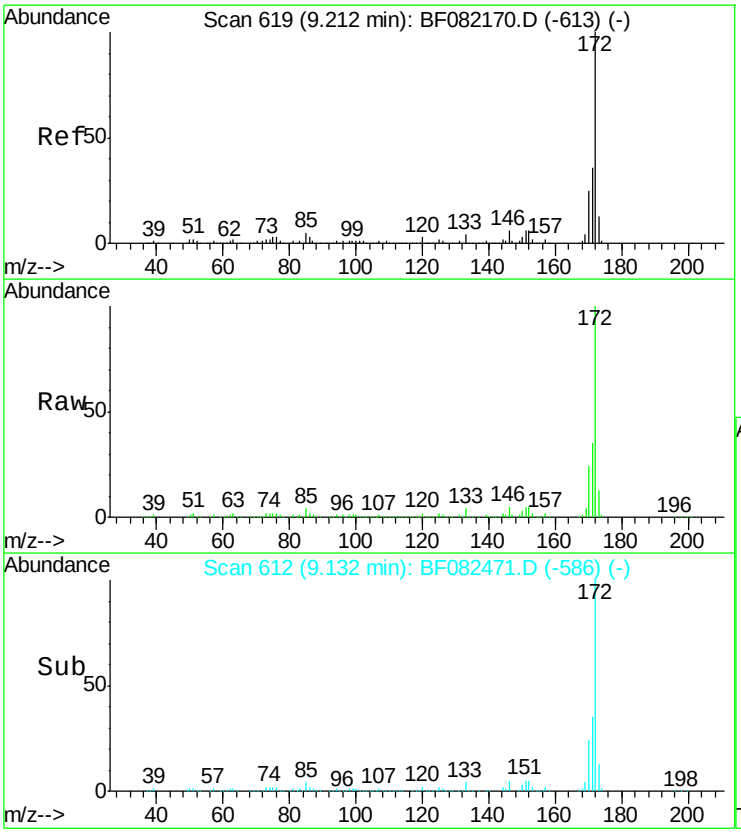
Tgt Ion:196 Resp: 138422

Ion	Ratio	Lower	Upper
196	100		
198	95.3	77.0	115.4
97	34.1	31.9	47.9
132	22.8	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
PB86188BS

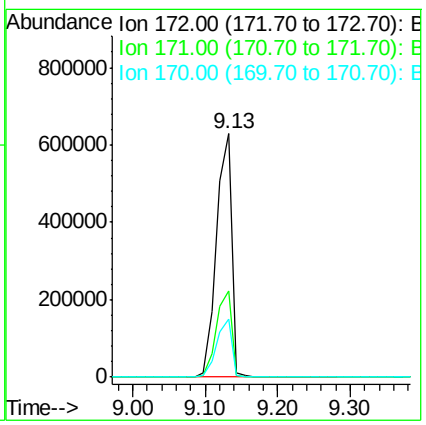
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

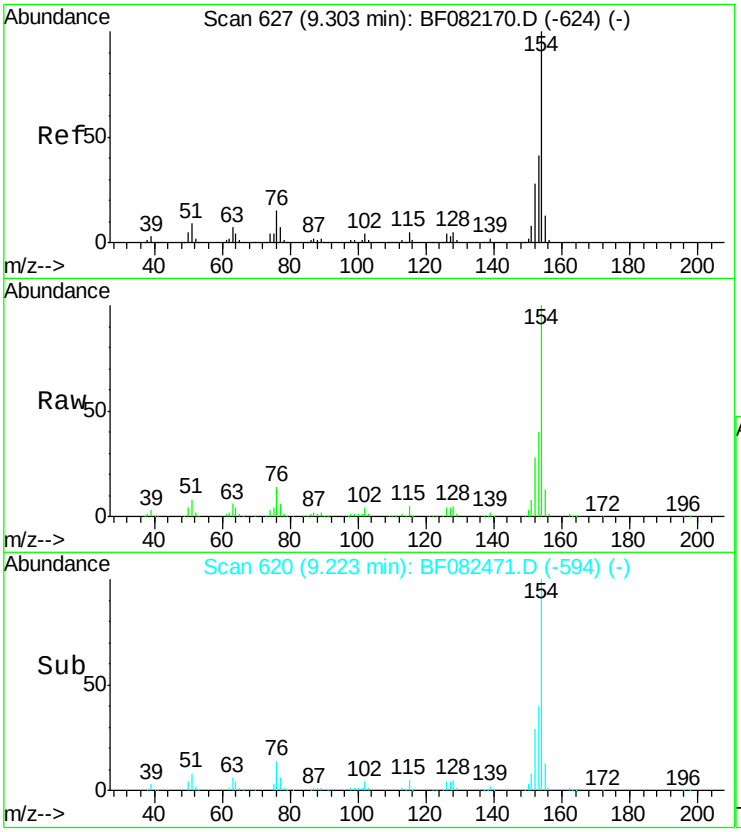


#44
2-Fluorobiphenyl
Concen: 66.23 ng
RT: 9.13 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:172 Resp: 921737

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.8	19.7	29.5

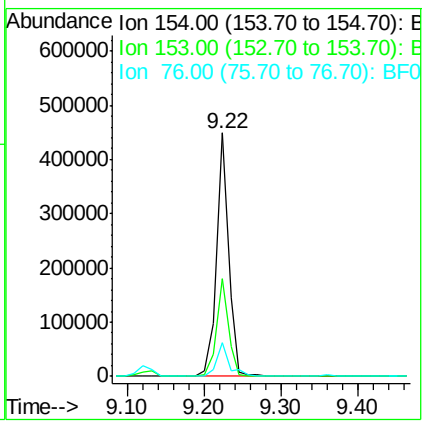




#45
1,1'-Biphenyl
Concen: 28.01 ng
RT: 9.22 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

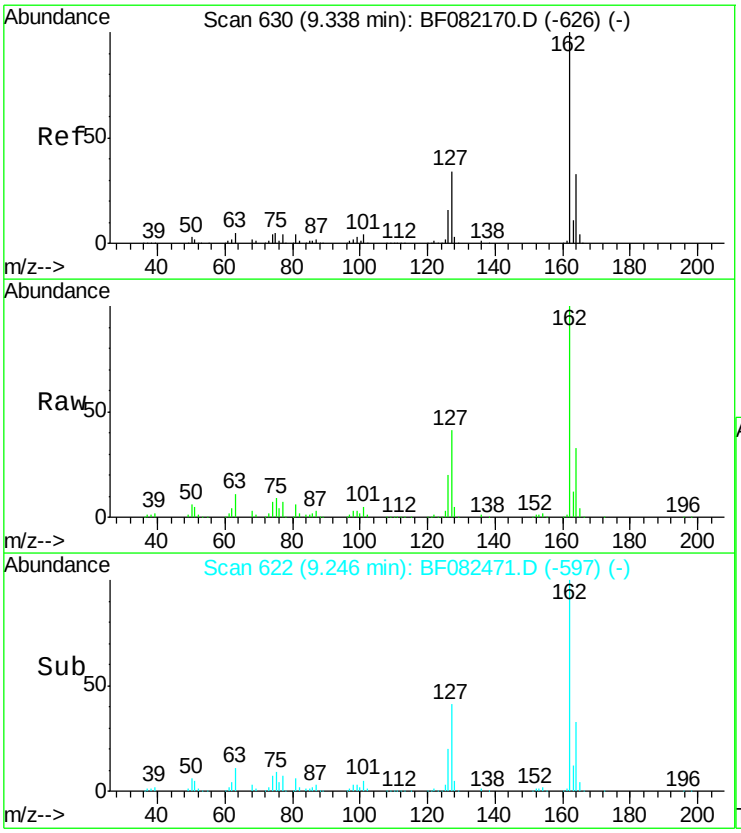
Tgt Ion:154 Resp: 493006

Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.6	60.6
76	13.7	0.0	35.2



Instrument :
BNA_F
ClientSampleId :
PB86188BS

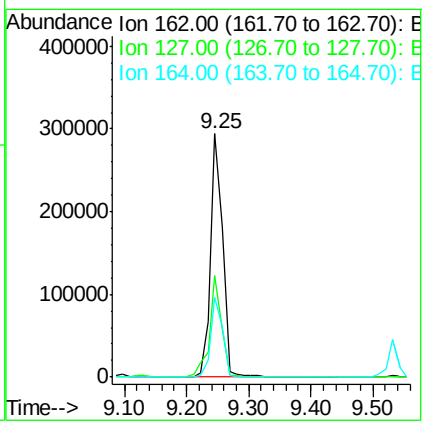
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

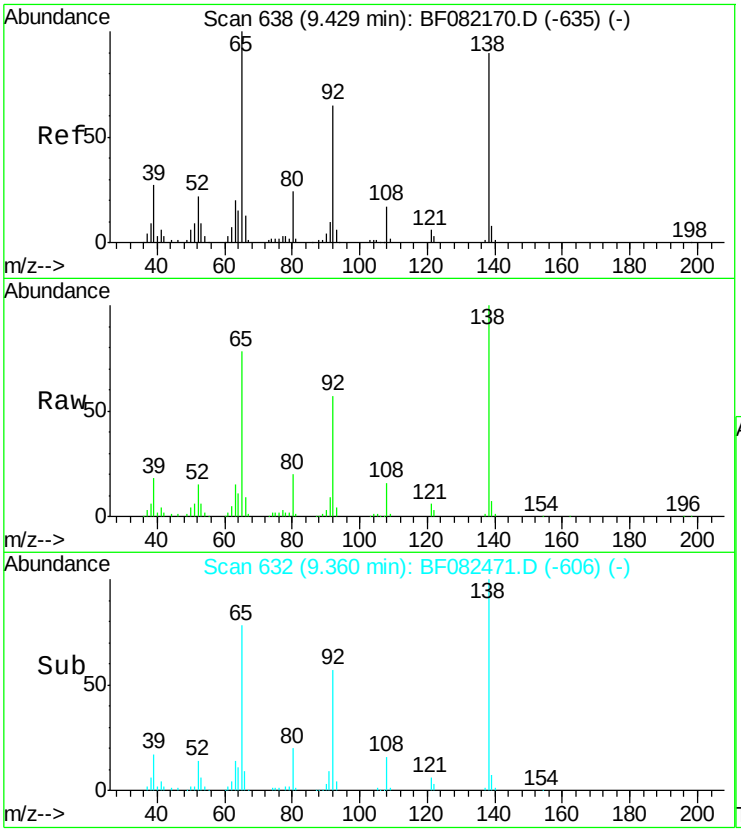


#46
2-Chloronaphthalene
Concen: 28.05 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:162 Resp: 388656

Ion	Ratio	Lower	Upper
162	100		
127	41.5	27.5	41.3#
164	32.6	26.6	39.8

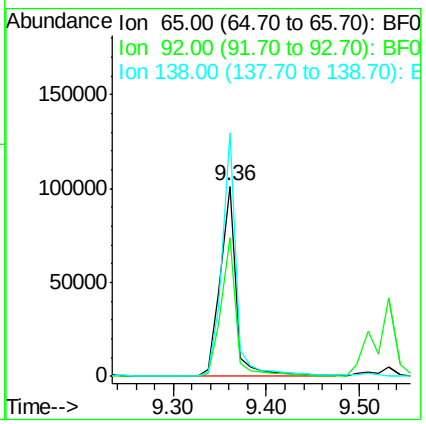




#47
2-Nitroaniline
Concen: 31.68 ng
RT: 9.36 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

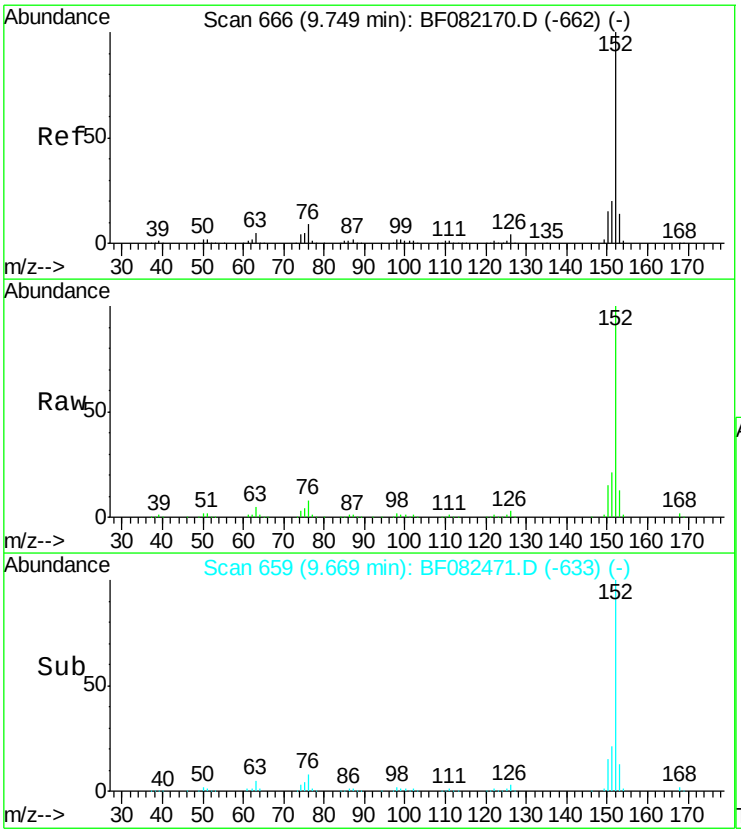
Tgt Ion: 65 Resp: 120490

Ion	Ratio	Lower	Upper
65	100		
92	73.1	52.3	78.5
138	128.2	72.2	108.4#



Instrument :
BNA_F
ClientSampleId :
PB86188BS

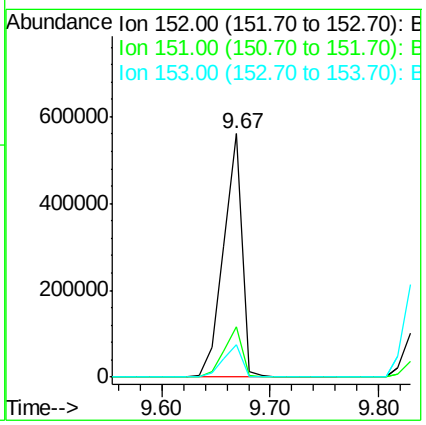
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

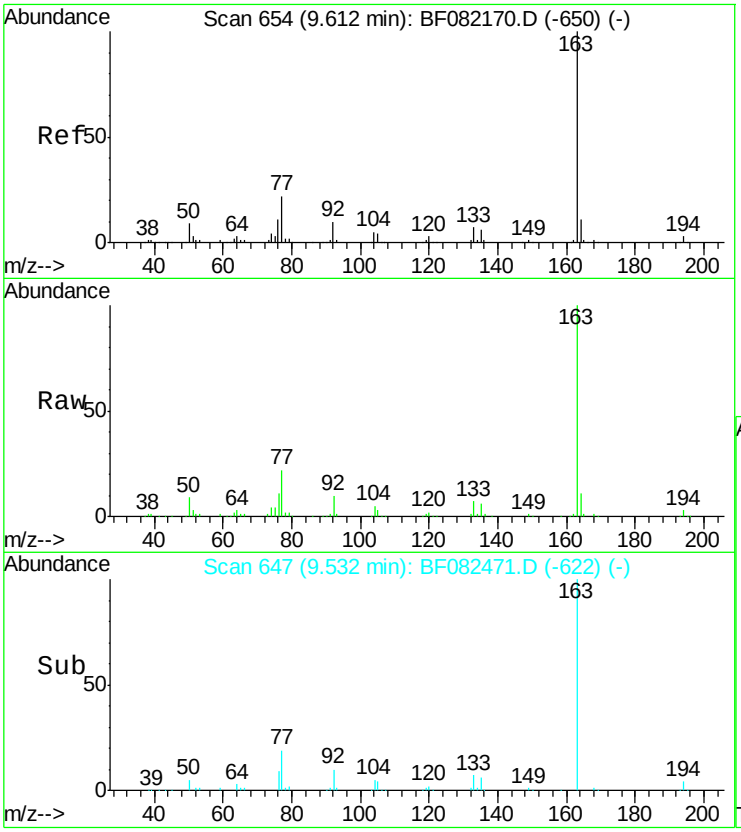


#48
Acenaphthylene
Concen: 30.48 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:152 Resp: 657891

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.1	10.8	16.2

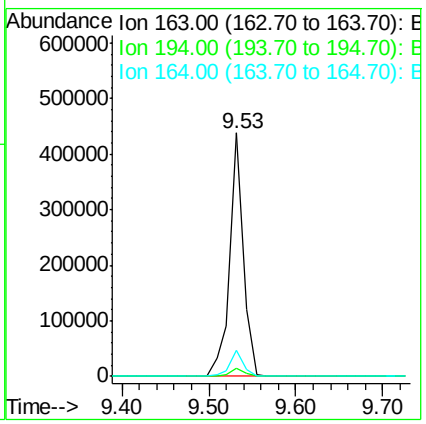




#49
Dimethylphthalate
Concen: 29.15 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

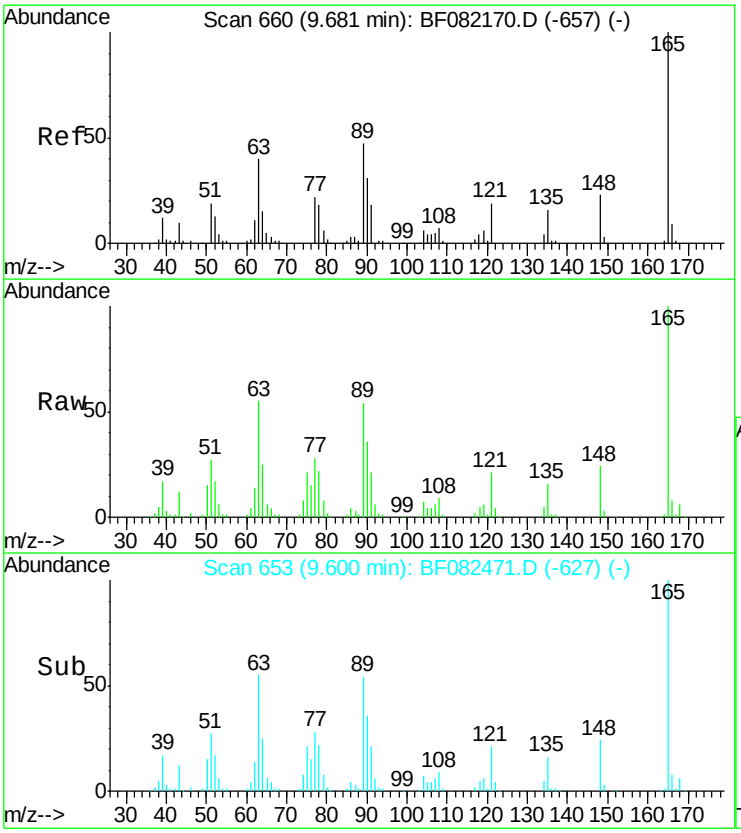
Tgt Ion:163 Resp: 473720

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

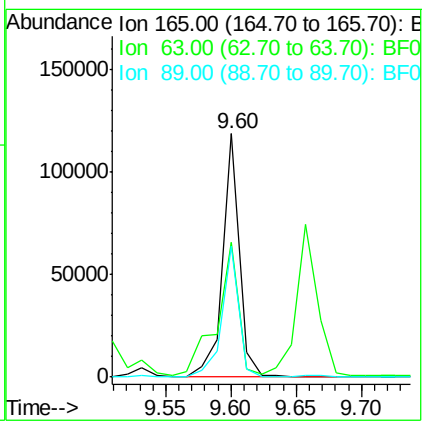
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

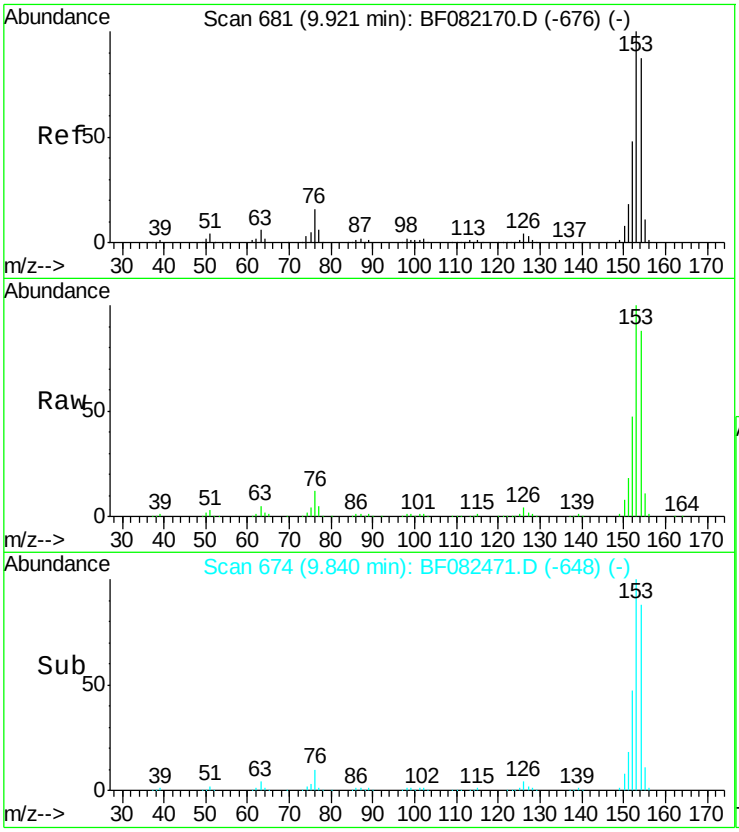


#50
2,6-Dinitrotoluene
Concen: 31.47 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:165 Resp: 107926

Ion	Ratio	Lower	Upper
165	100		
63	55.1	36.7	55.1#
89	53.8	37.8	56.6

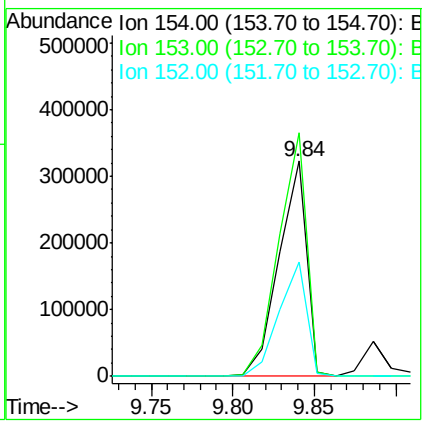




#51
Acenaphthene
Concen: 29.73 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

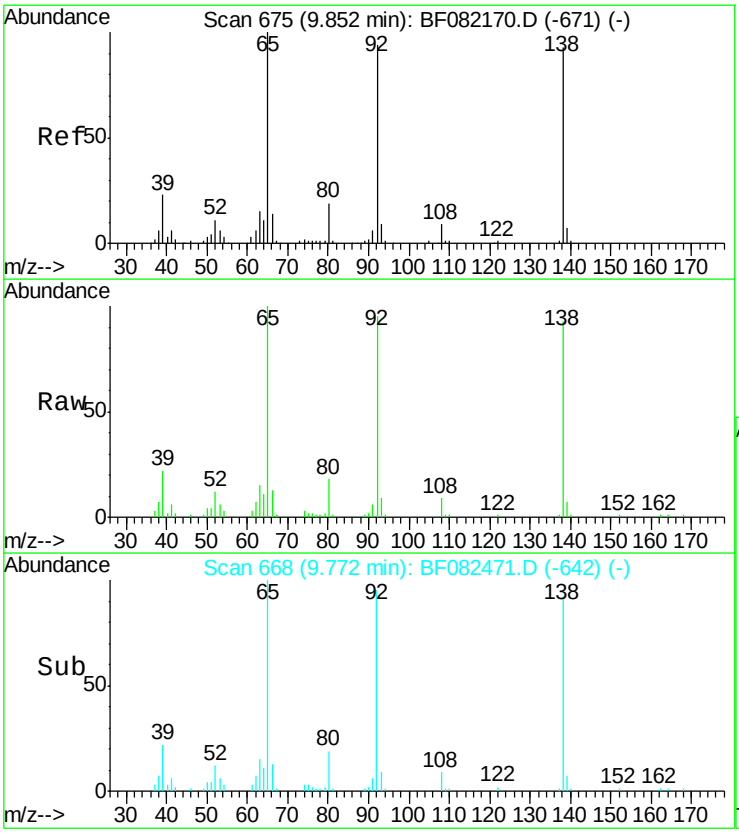
Tgt Ion:154 Resp: 385212

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.4	137.2
152	53.1	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
PB86188BS

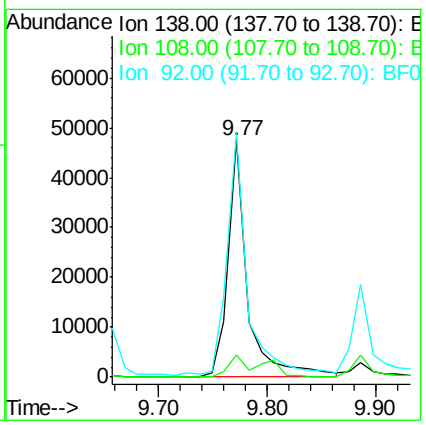
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

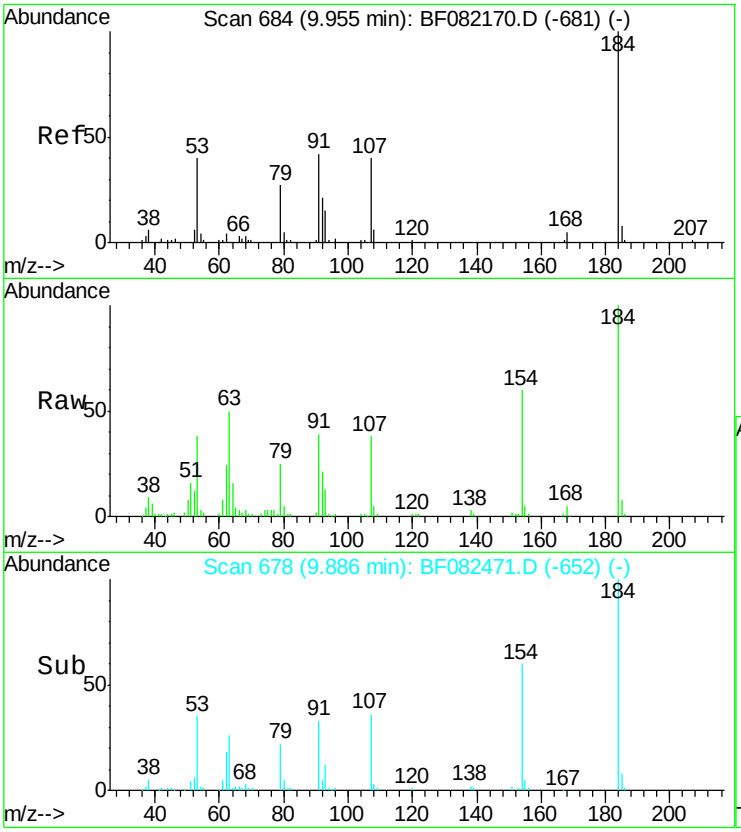


#52
3-Nitroaniline
Concen: 15.15 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:138 Resp: 58684

Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.0
92	102.7	81.3	121.9

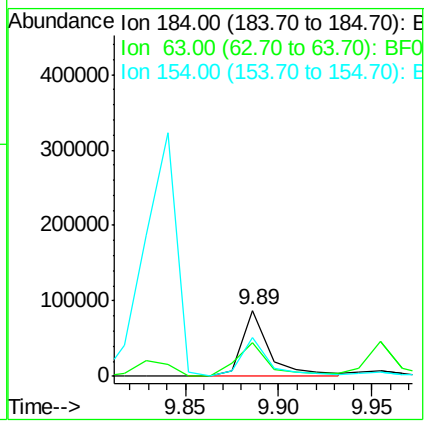




#53
2,4-Dinitrophenol
Concen: 50.04 ng
RT: 9.89 min Scan# 678
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

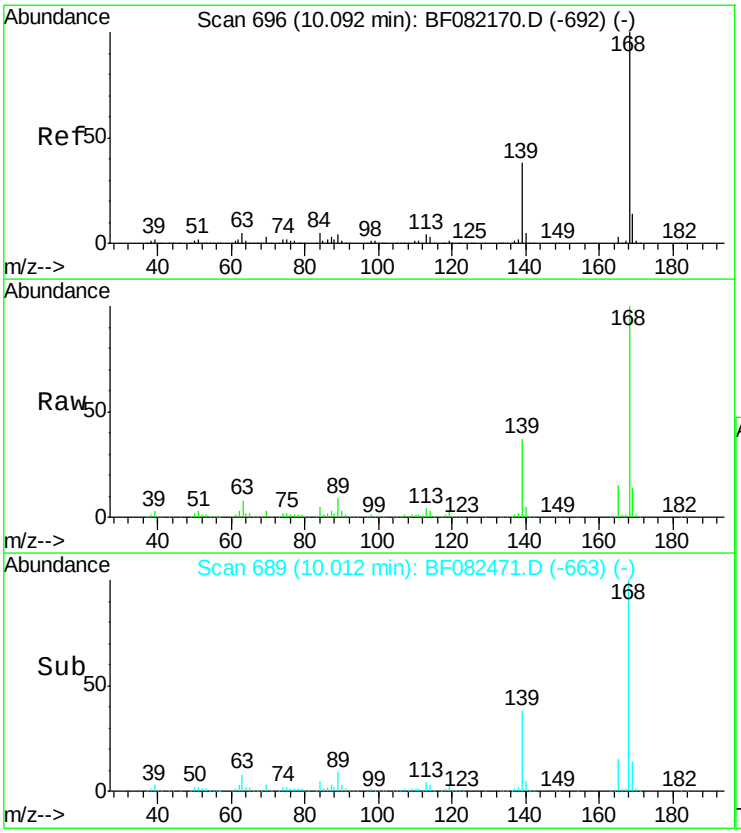
Tgt Ion:184 Resp: 90899

Ion	Ratio	Lower	Upper
184	100		
63	50.4	45.1	67.7
154	60.1	51.2	76.8



Instrument :
BNA_F
ClientSampleId :
PB86188BS

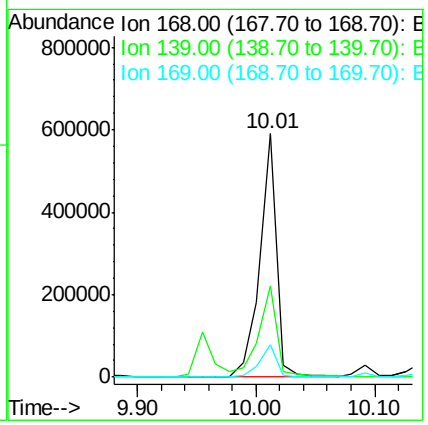
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

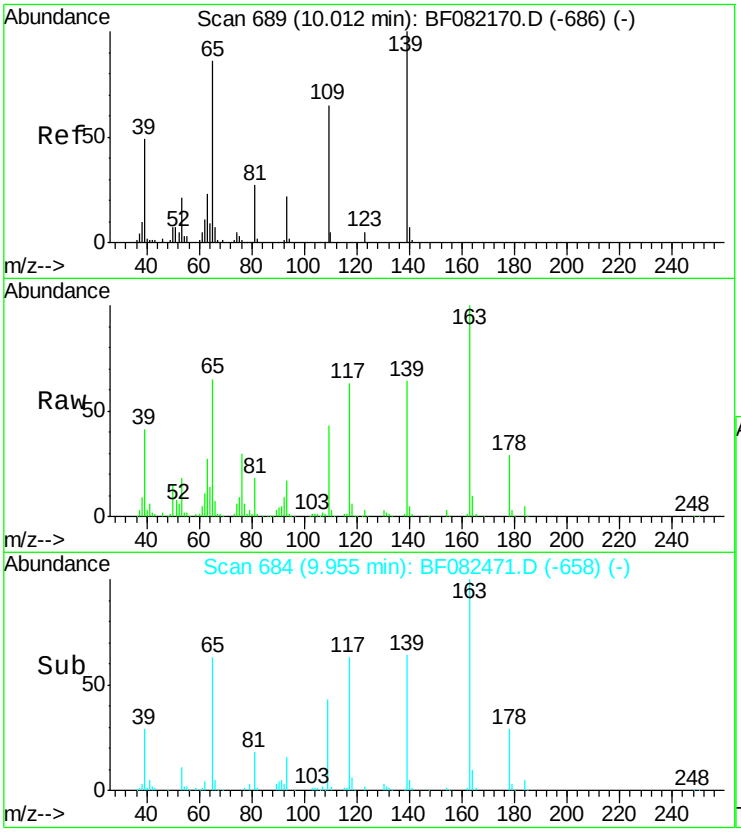


#54
Dibenzofuran
Concen: 32.77 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:168 Resp: 582869

Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.0	46.6
169	13.5	10.9	16.3

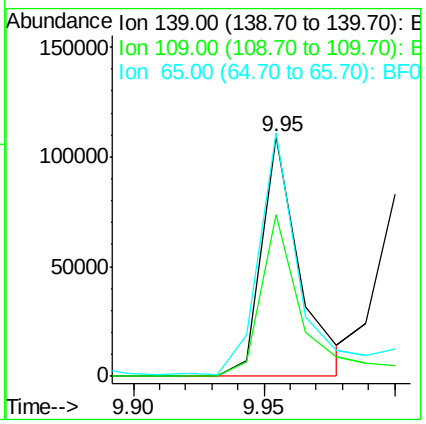




#55
4-Nitrophenol
Concen: 49.08 ng
RT: 9.95 min Scan# 684
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

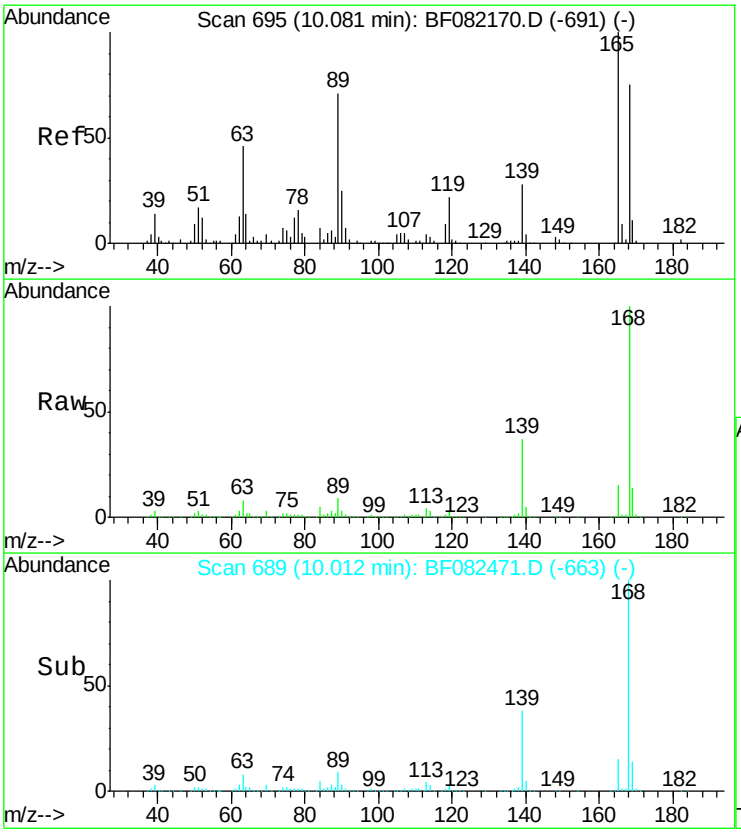
Tgt Ion:139 Resp: 111166

Ion	Ratio	Lower	Upper
139	100		
109	67.6	44.8	84.8
65	101.6	67.7	107.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

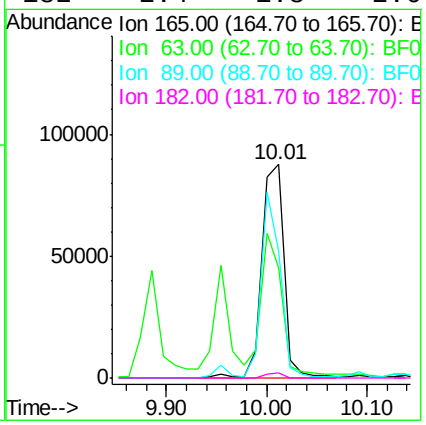
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

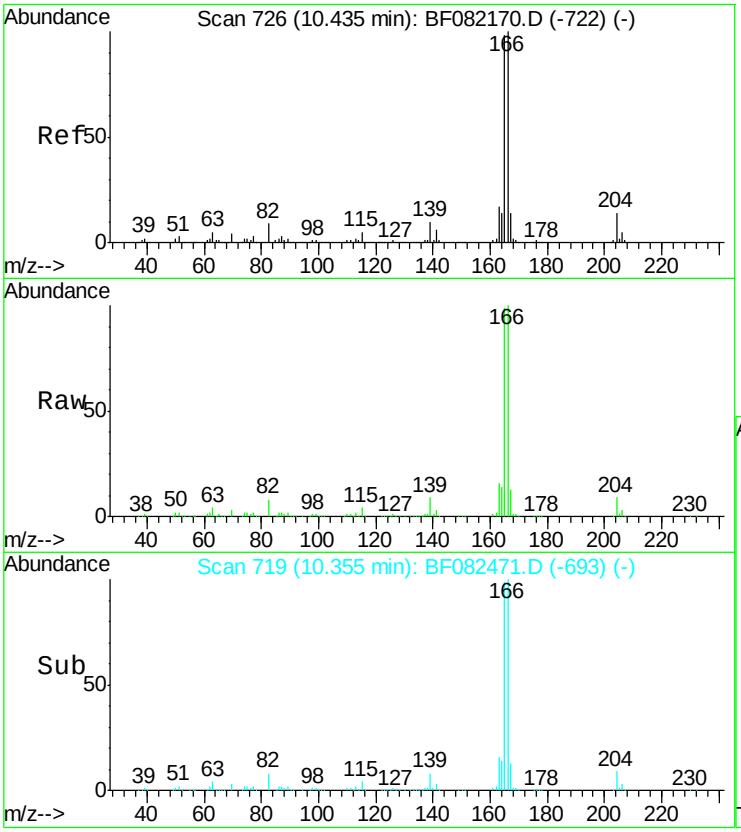


#56
2,4-Dinitrotoluene
Concen: 31.28 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:165 Resp: 134084

Ion	Ratio	Lower	Upper
165	100		
63	51.6	38.6	58.0
89	59.4	57.0	85.6
182	2.4	1.8	2.6

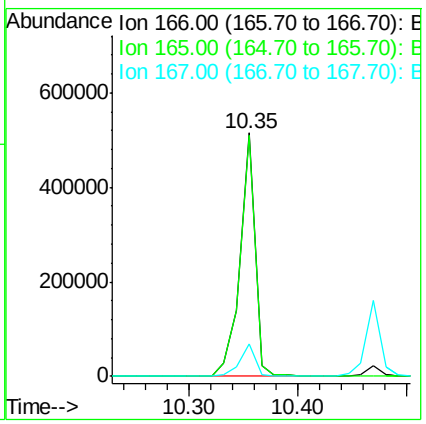




#57
Fluorene
Concen: 33.77 ng
RT: 10.35 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

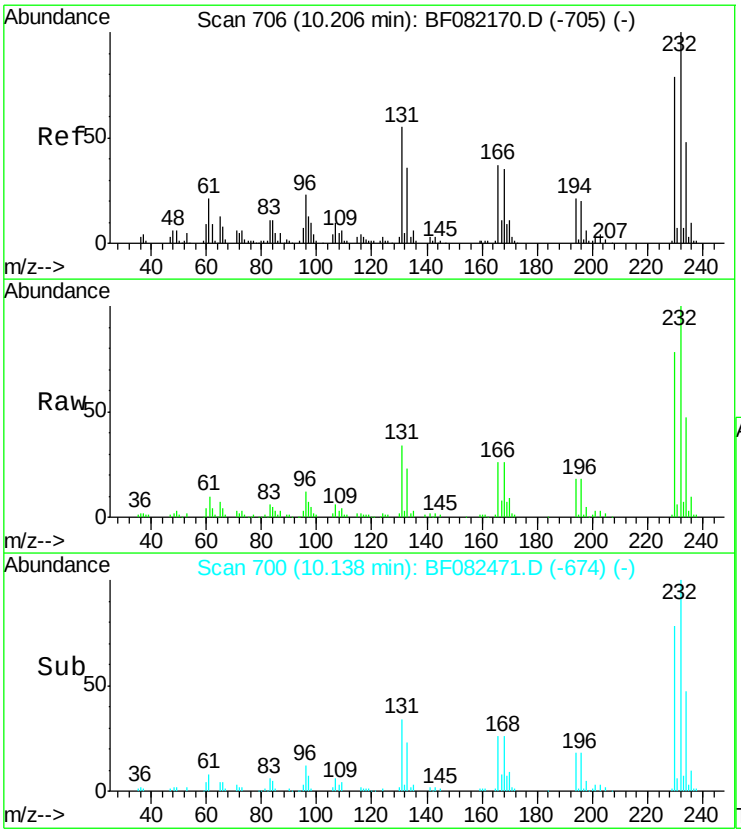
Tgt Ion:166 Resp: 493332

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.3	117.5
167	13.2	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
PB86188BS

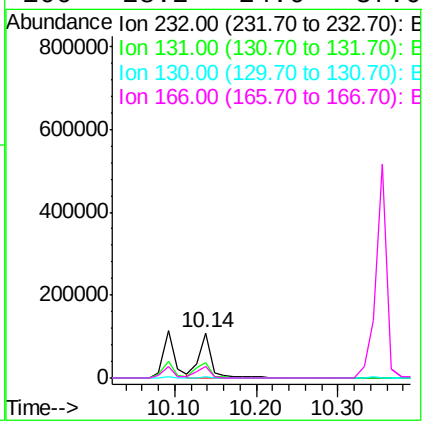
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

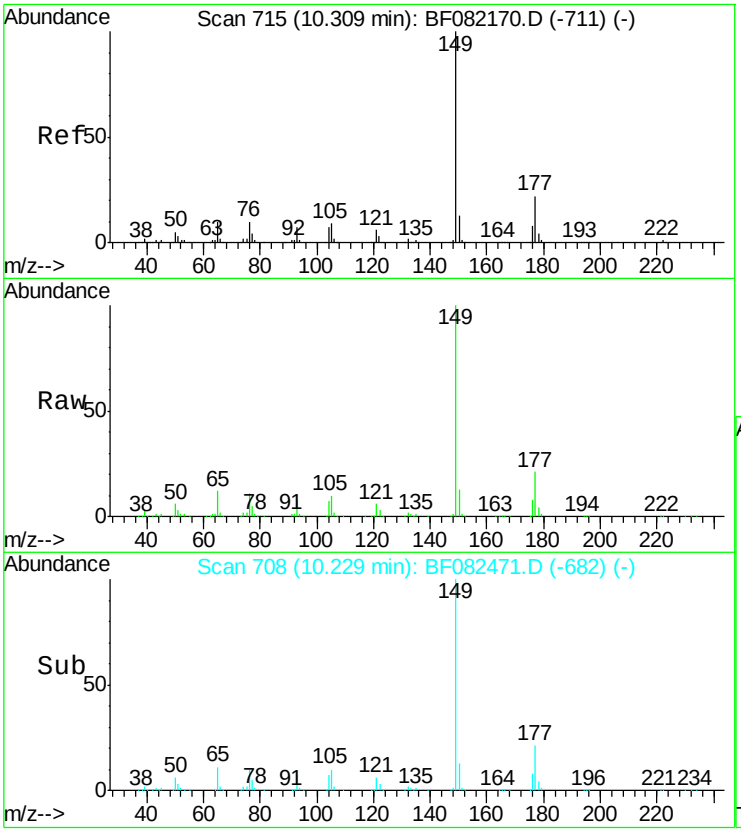


#58
2,3,4,6-Tetrachlorophenol
Concen: 29.07 ng
RT: 10.14 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:232 Resp: 117295

Ion	Ratio	Lower	Upper
232	100		
131	42.0	36.6	54.8
130	1.8	1.5	2.3
166	28.2	24.6	37.0

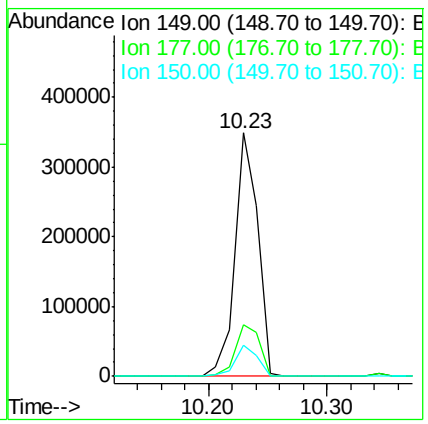




#59
Diethylphthalate
Concen: 30.80 ng
RT: 10.23 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

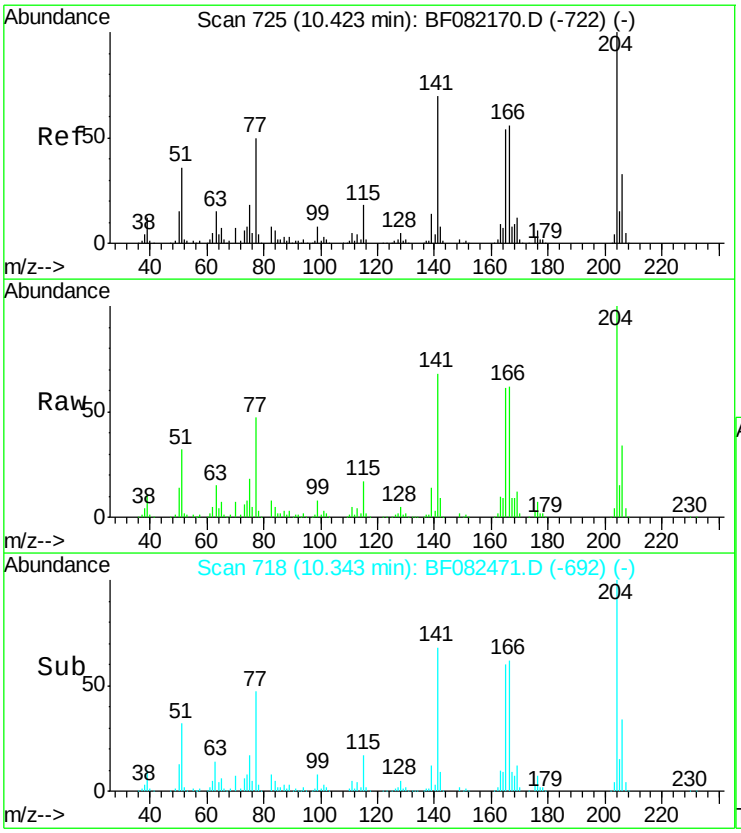
Tgt Ion:149 Resp: 466522

Ion	Ratio	Lower	Upper
149	100		
177	21.0	17.6	26.4
150	12.9	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
PB86188BS

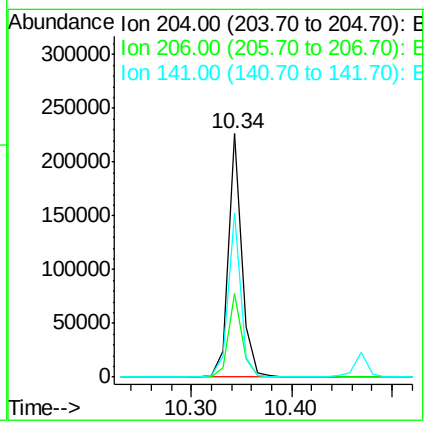
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

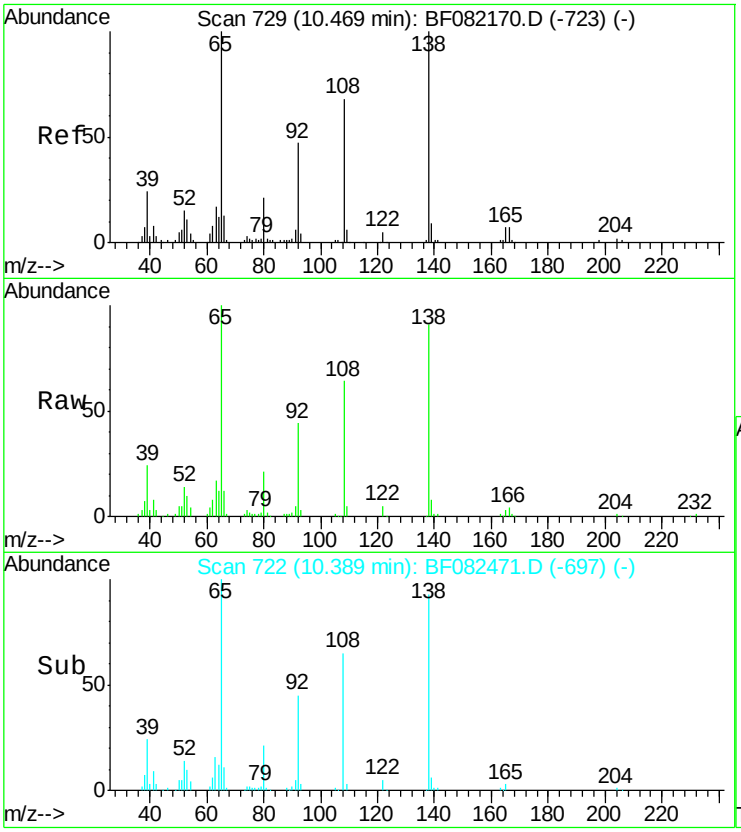


#60
4-Chlorophenyl-phenylether
Concen: 31.50 ng
RT: 10.34 min Scan# 718
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:204 Resp: 210782

Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.8	40.2
141	67.6	56.1	84.1

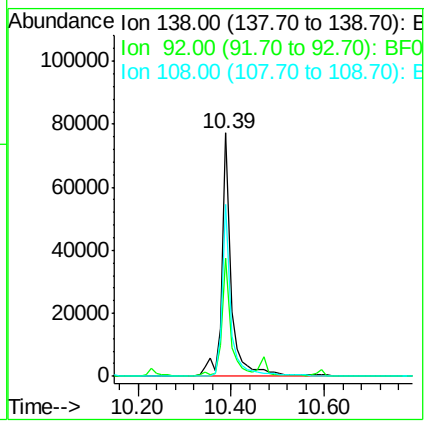




#61
4-Nitroaniline
Concen: 28.33 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

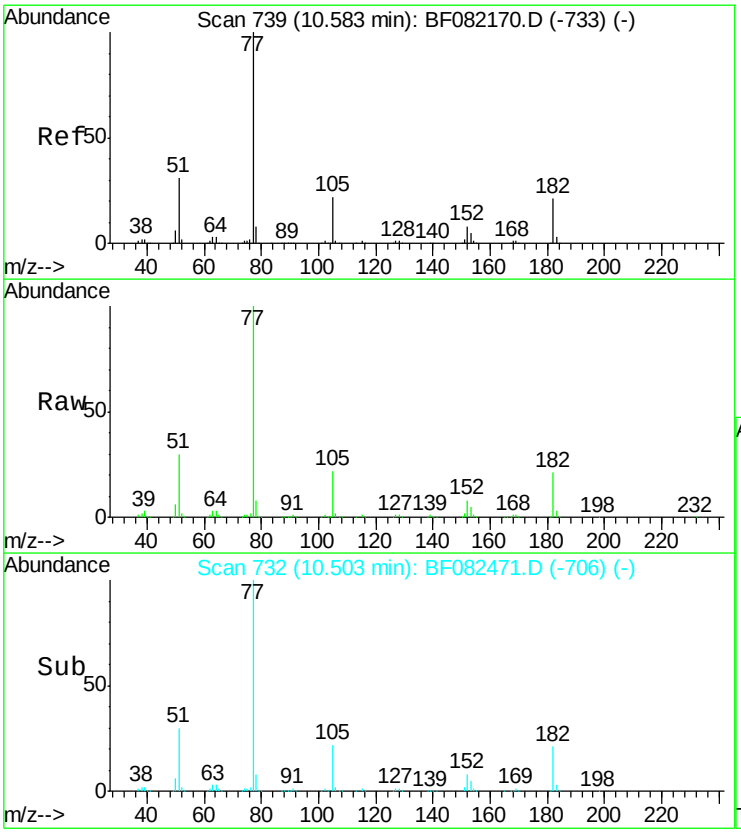
Tgt Ion:138 Resp: 106452

Ion	Ratio	Lower	Upper
138	100		
92	48.6	26.8	66.8
108	70.9	48.4	88.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

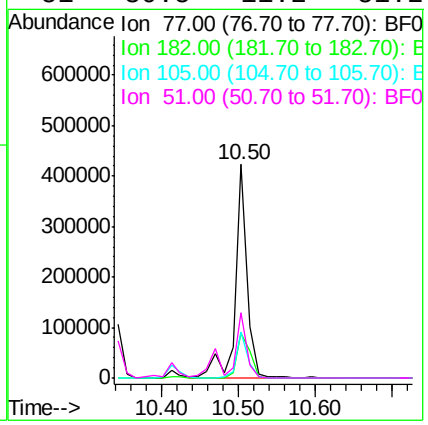
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

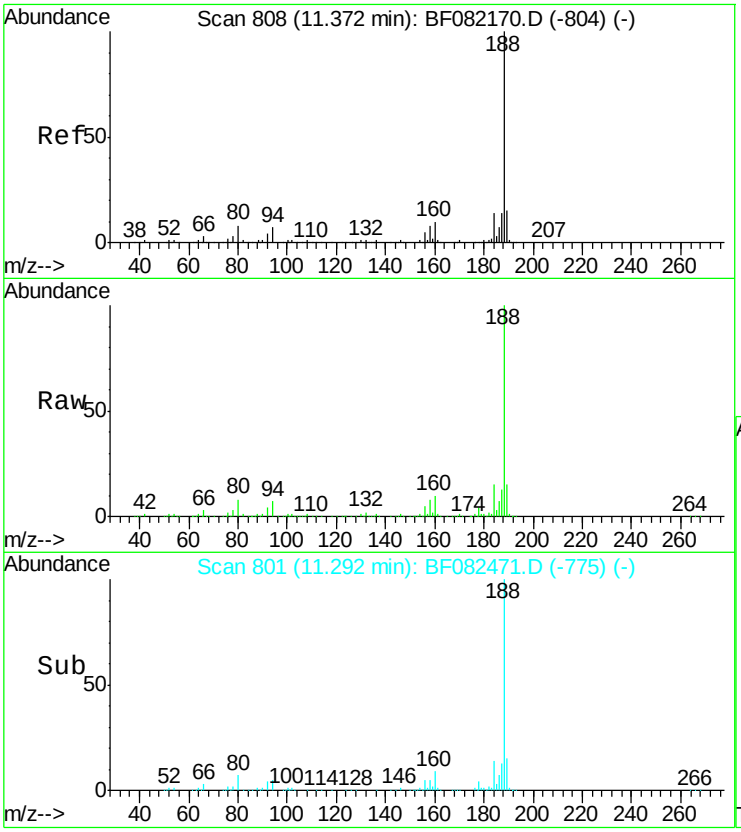


#62
Azobenzene
Concen: 31.04 ng
RT: 10.50 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion: 77 Resp: 460240

Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.5	40.5
105	21.9	1.8	41.8
51	30.5	11.2	51.2

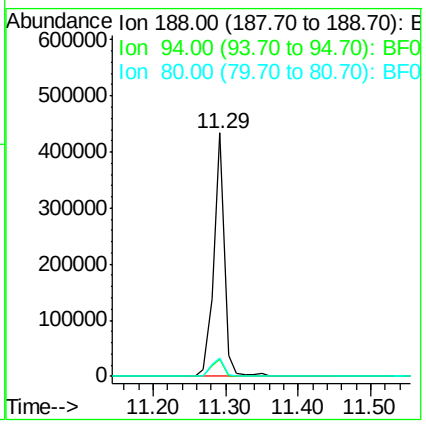




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

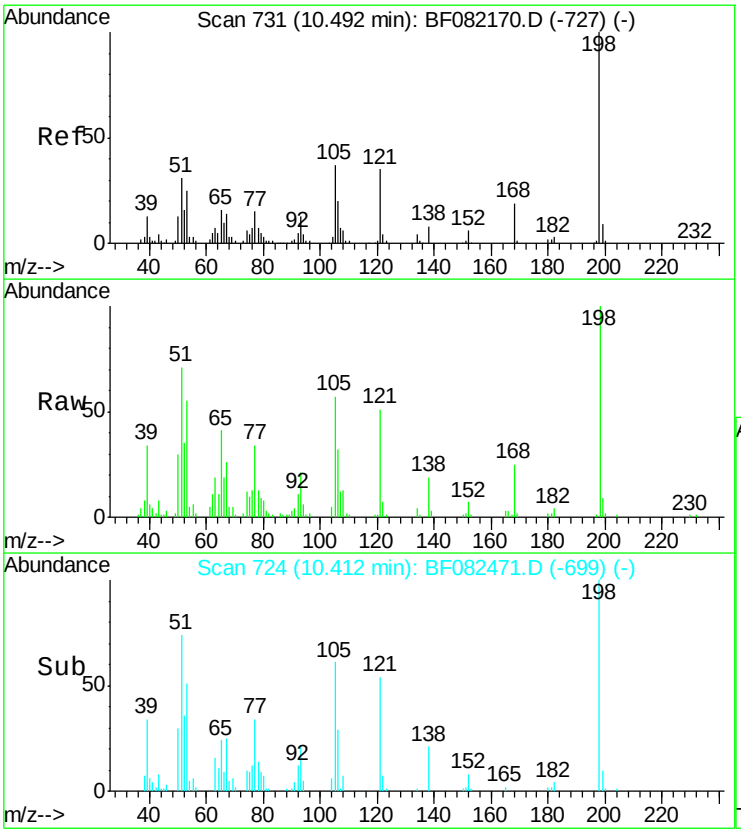
Tgt Ion:188 Resp: 440192

Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.8	8.6
80	7.7	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
PB86188BS

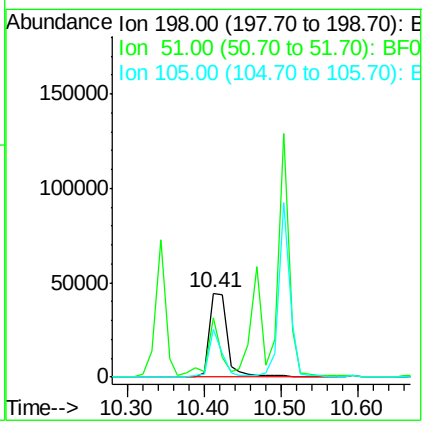
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

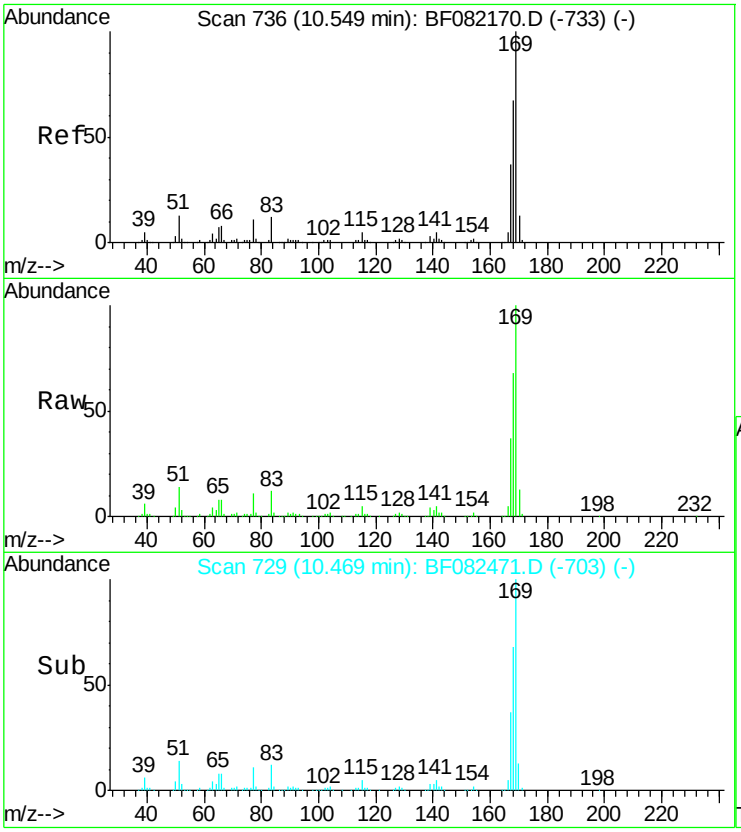


#64
4,6-Dinitro-2-methylphenol
Concen: 29.25 ng
RT: 10.41 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:198 Resp: 72251

Ion	Ratio	Lower	Upper
198	100		
51	70.5	13.6	53.6#
105	57.3	17.1	57.1#

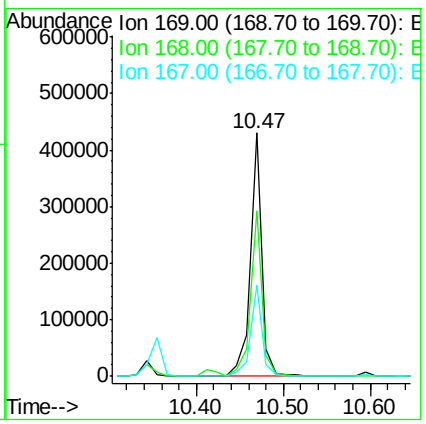




#65
n-Nitrosodiphenylamine
Concen: 30.73 ng
RT: 10.47 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

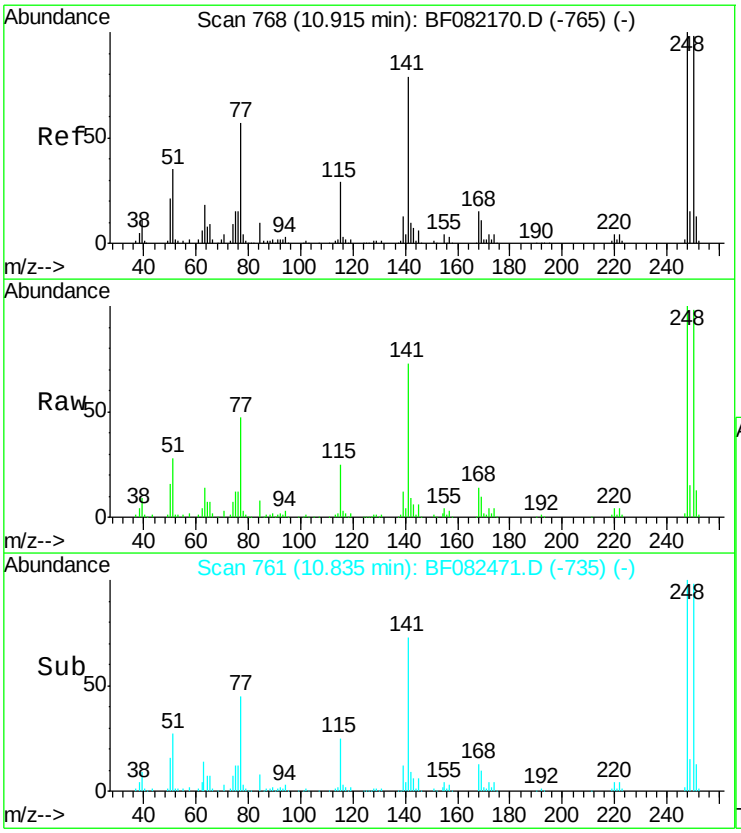
Tgt Ion:169 Resp: 405005

Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.0	81.0
167	37.3	29.6	44.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

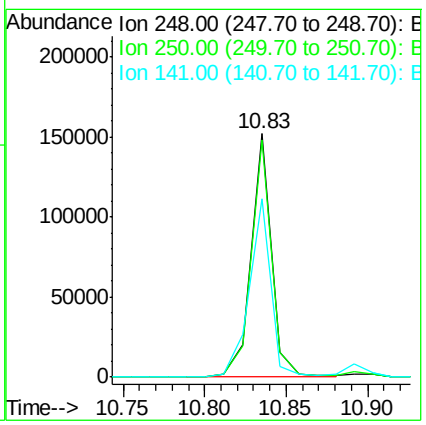
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

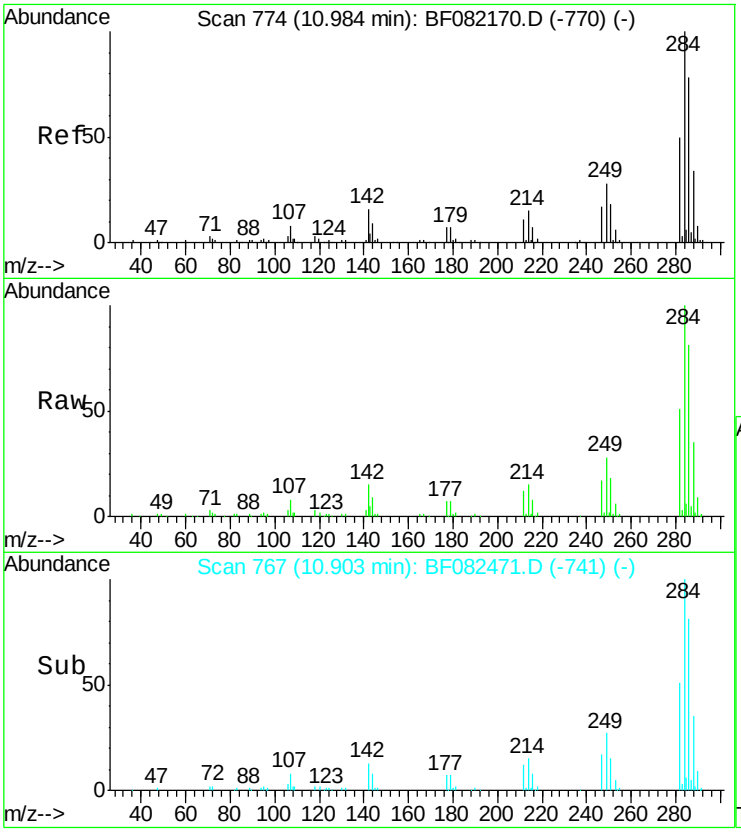


#66
4-Bromophenyl-phenylether
Concen: 30.24 ng
RT: 10.83 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:248 Resp: 133221

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.6	117.8
141	73.5	63.3	94.9

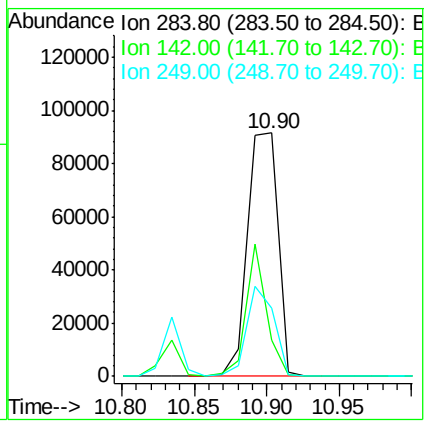




#67
Hexachlorobenzene
Concen: 28.08 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

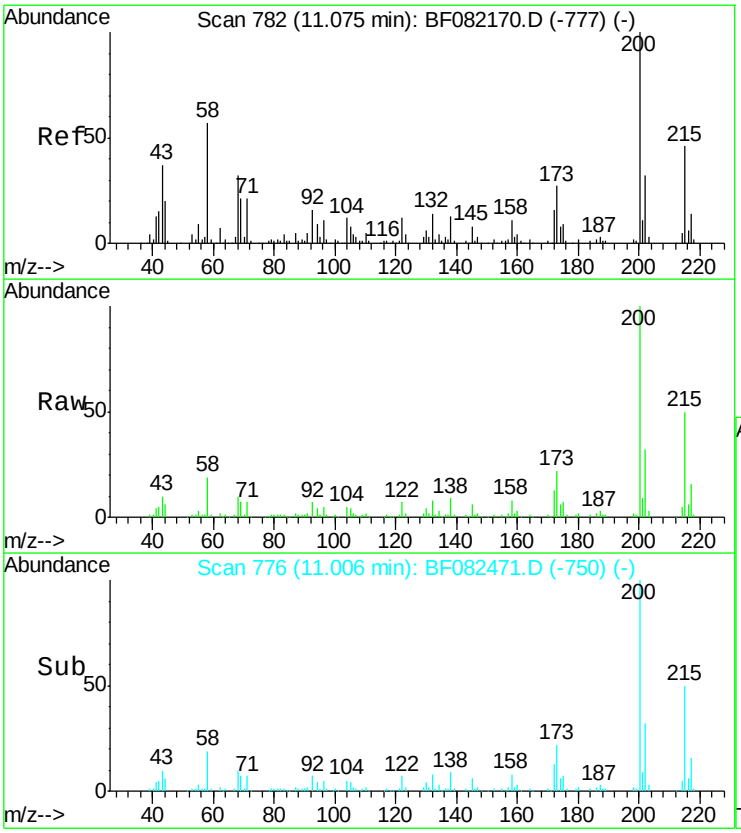
Tgt Ion:284 Resp: 133808

Ion	Ratio	Lower	Upper
284	100		
142	14.8	13.0	19.6
249	27.9	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

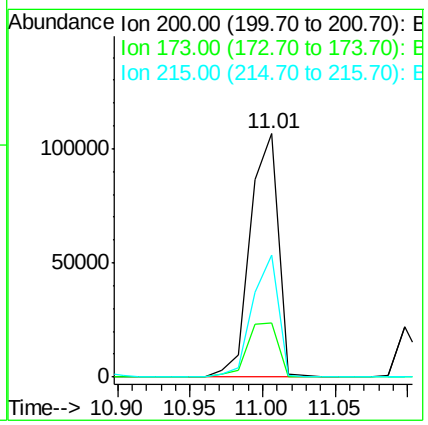
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

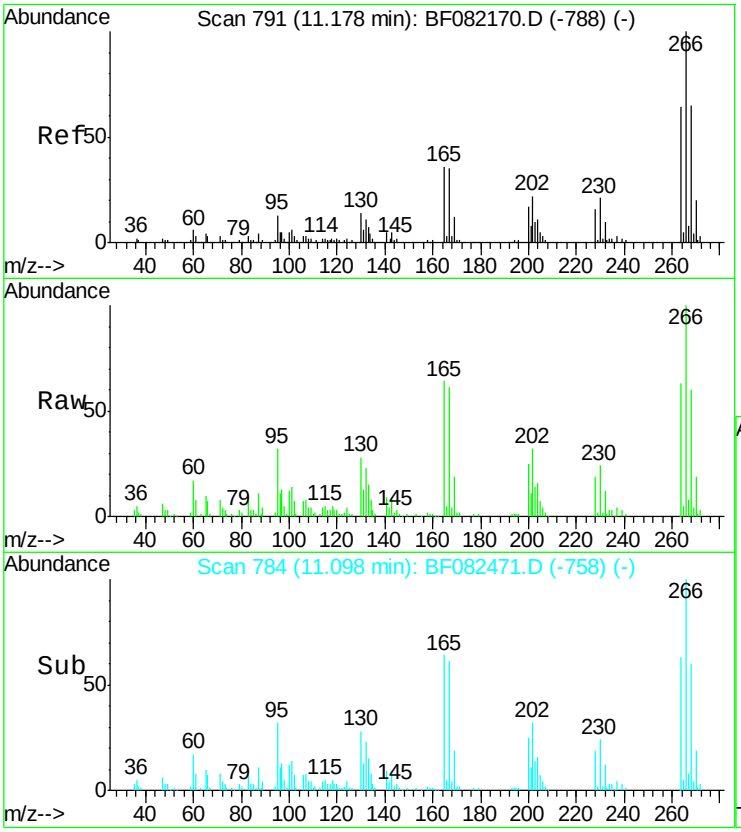


#68
Atrazine
Concen: 34.10 ng
RT: 11.01 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:200 Resp: 142380

Ion	Ratio	Lower	Upper
200	100		
173	22.3	7.3	47.3
215	49.9	26.2	66.2

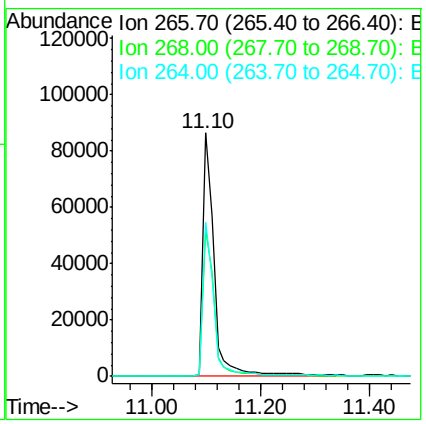




#69
Pentachlorophenol
Concen: 50.77 ng
RT: 11.10 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

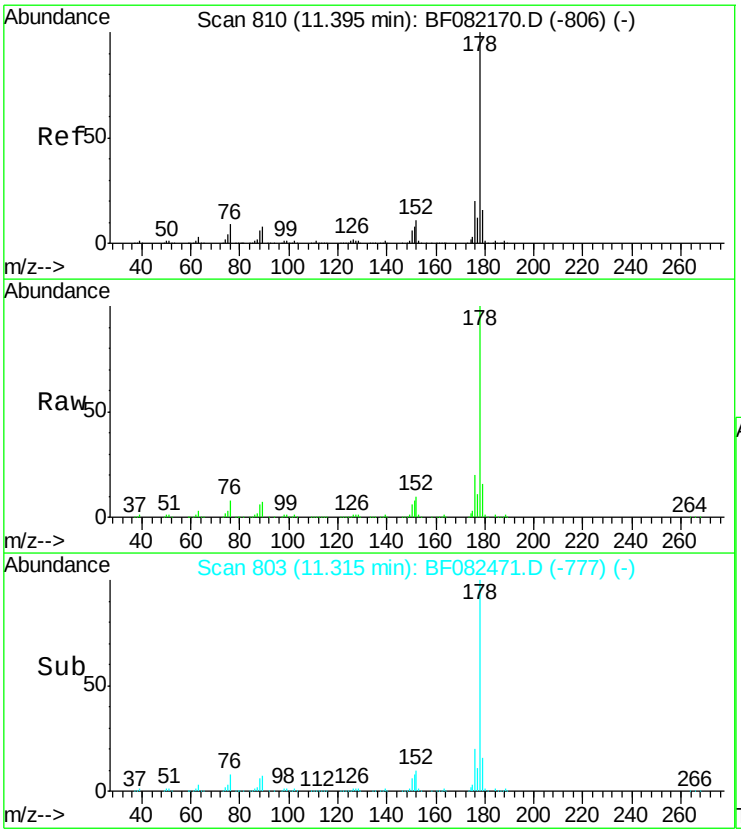
Tgt Ion:266 Resp: 124472

Ion	Ratio	Lower	Upper
266	100		
268	60.0	52.0	78.0
264	63.5	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
PB86188BS

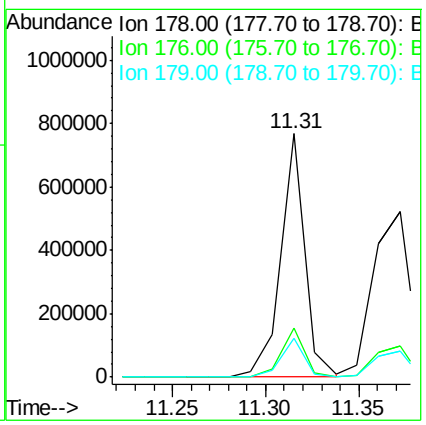
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

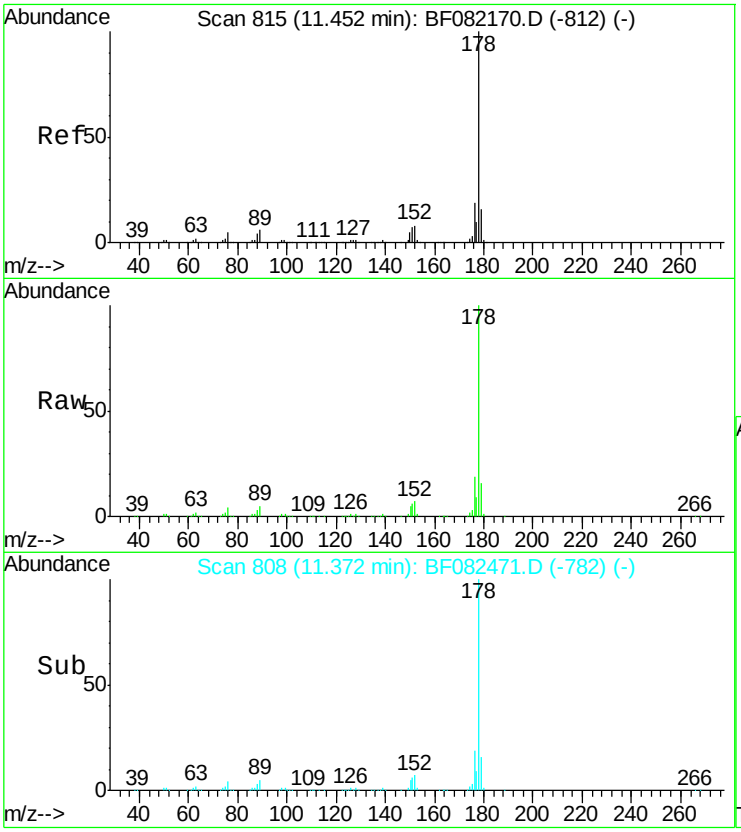


#70
Phenanthrene
Concen: 32.16 ng
RT: 11.31 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:178 Resp: 693929

Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	15.9	12.6	19.0

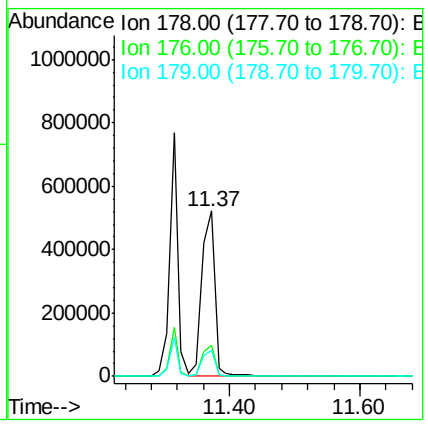




#71
Anthracene
Concen: 32.20 ng
RT: 11.37 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

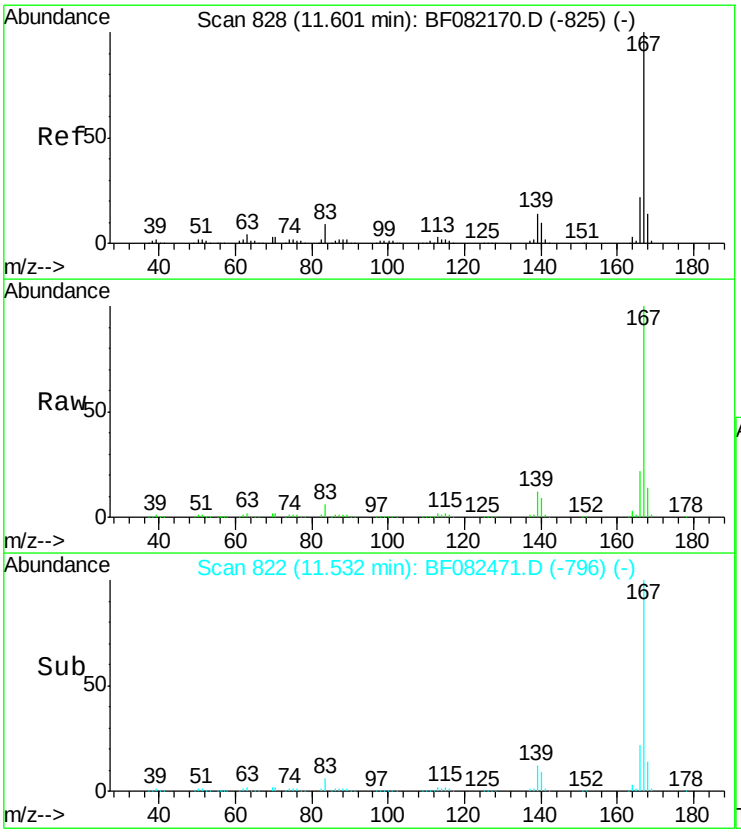
Tgt Ion:178 Resp: 715900

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

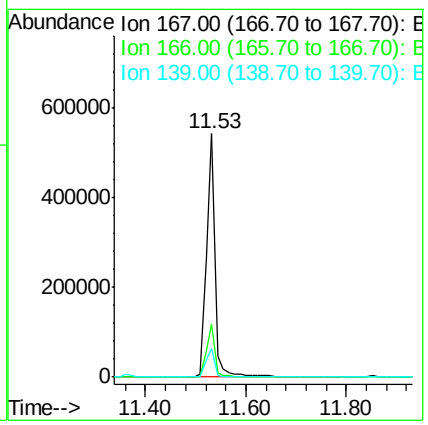
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

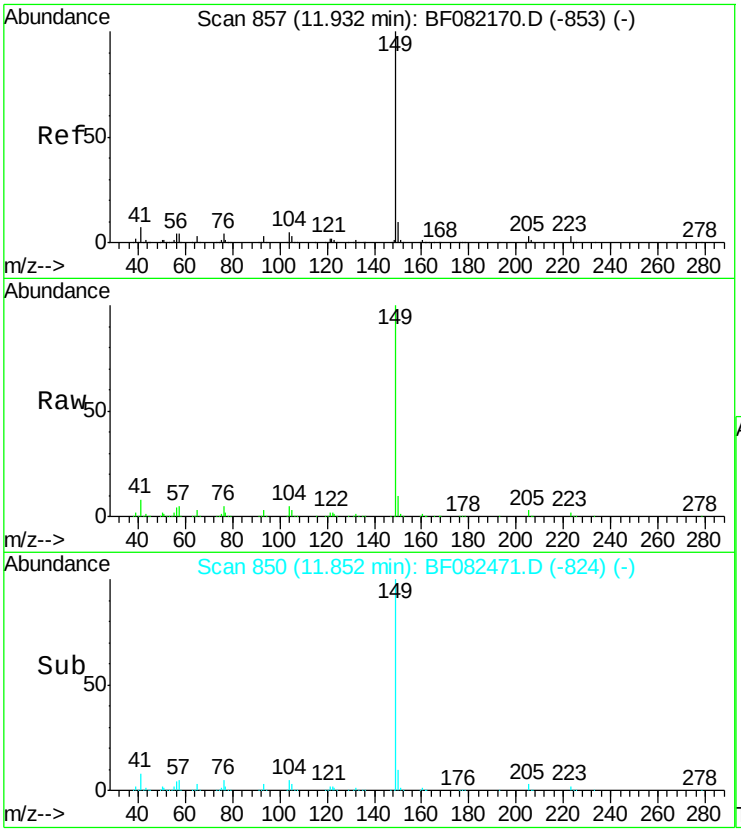


#72
Carbazole
Concen: 31.69 ng
RT: 11.53 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:167 Resp: 642852

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.3	25.9
139	12.0	11.2	16.8

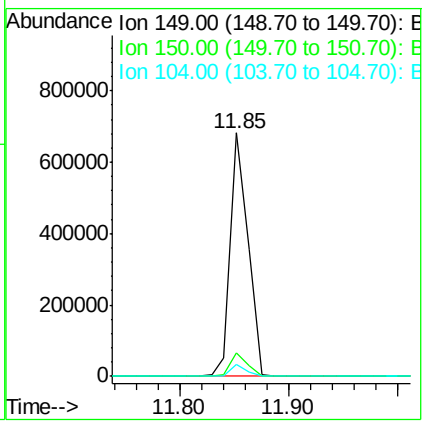




#73
Di-n-butylphthalate
Concen: 30.18 ng
RT: 11.85 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

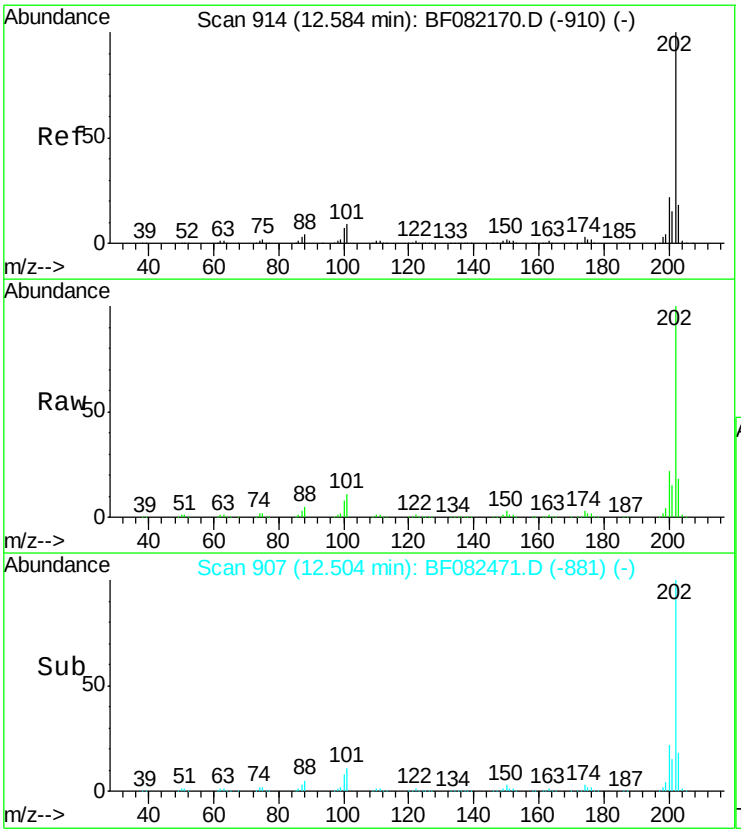
Tgt Ion:149 Resp: 755130

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.6
104	4.9	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
PB86188BS

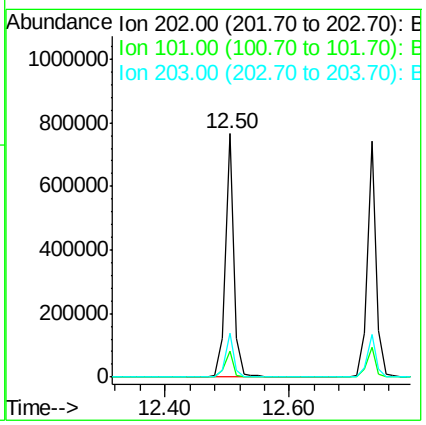
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

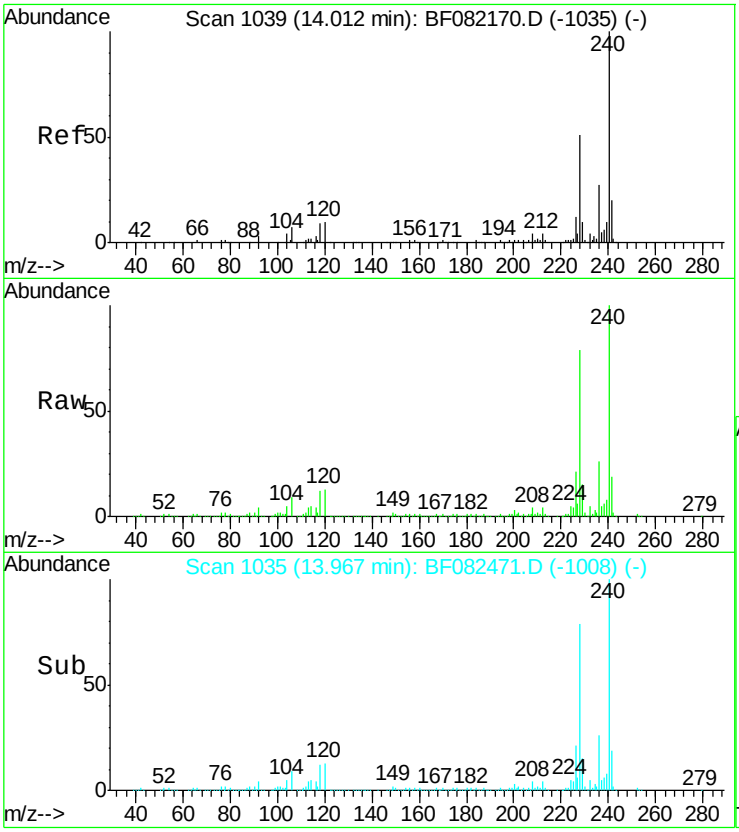


#74
Fluoranthene
Concen: 31.05 ng
RT: 12.50 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:202 Resp: 719460

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	29.3
203	18.1	0.0	37.8

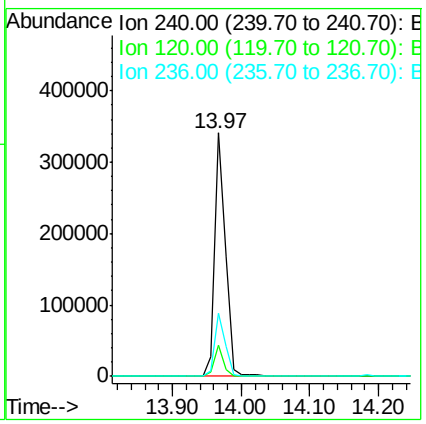




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. 0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

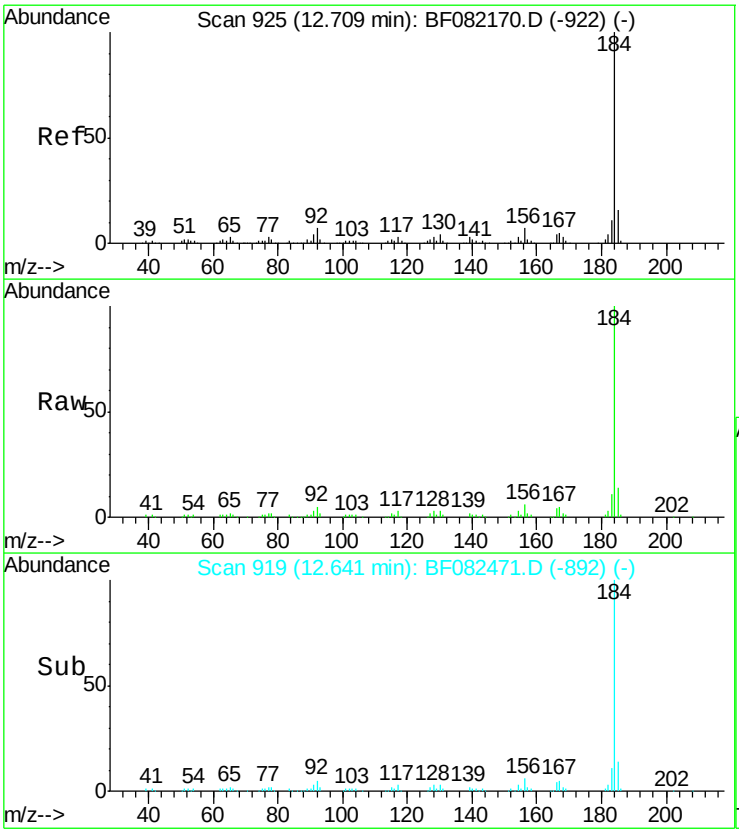
Tgt Ion:240 Resp: 383607

Ion	Ratio	Lower	Upper
240	100		
120	13.0	8.1	12.1#
236	25.7	21.3	31.9



Instrument :
BNA_F
ClientSampleId :
PB86188BS

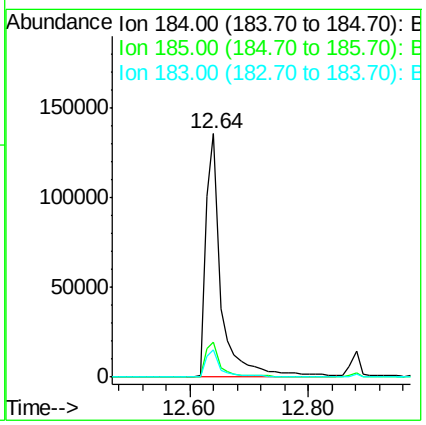
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

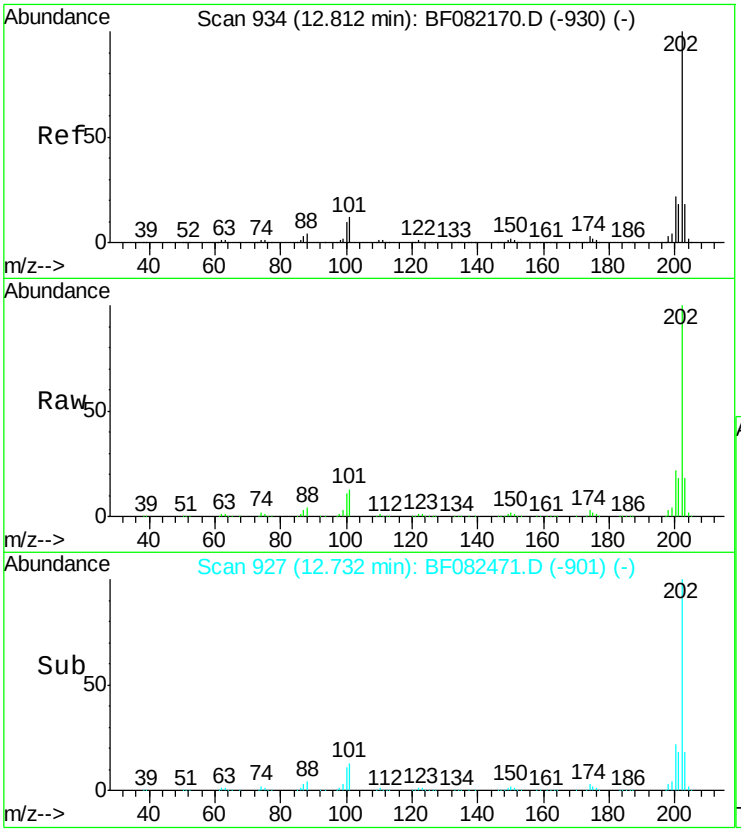


#76
Benzidine
Concen: 21.88 ng
RT: 12.64 min Scan# 919
Delta R.T. 0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:184 Resp: 243217

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.5	18.7
183	11.3	9.1	13.7

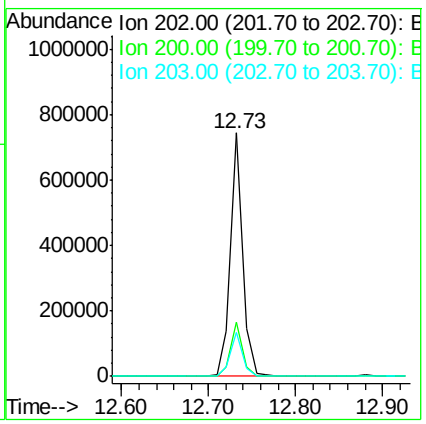




#77
Pyrene
Concen: 31.63 ng
RT: 12.73 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

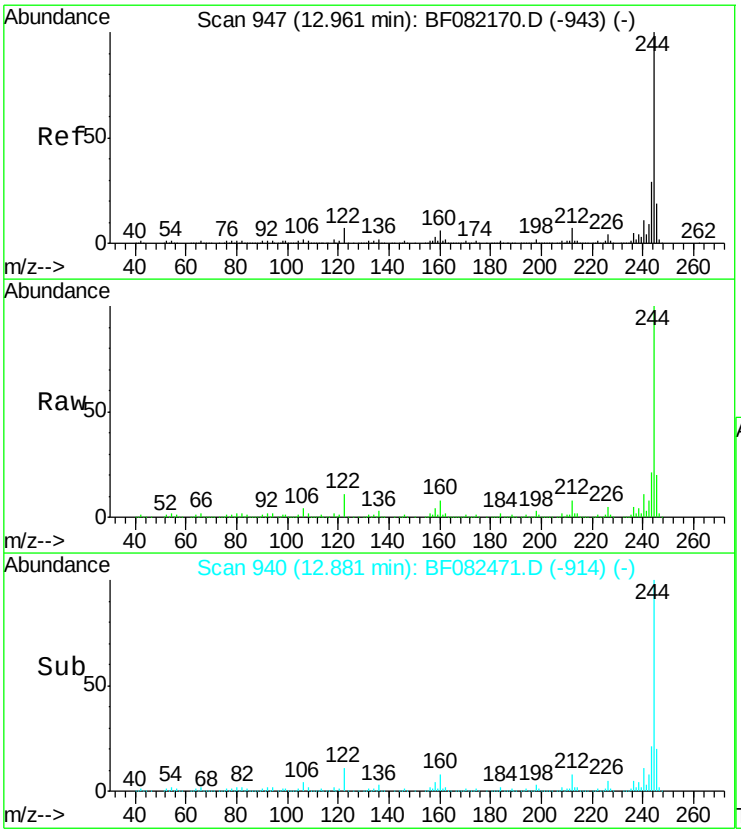
Tgt Ion:202 Resp: 720157

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.0	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
PB86188BS

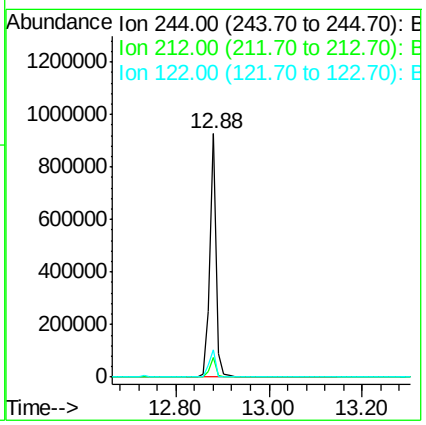
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

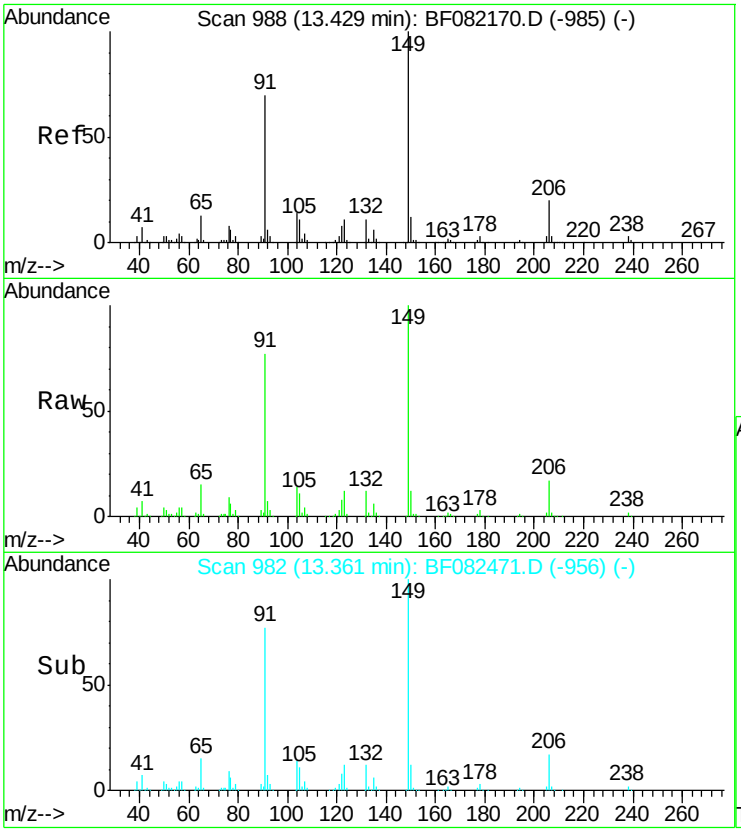


#78
Terphenyl-d14
Concen: 62.47 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:244 Resp: 904357

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.6
122	11.4	5.9	8.9#

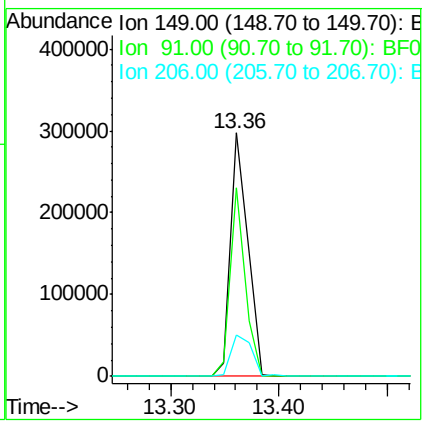




#79
Butylbenzylphthalate
Concen: 31.09 ng
RT: 13.36 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

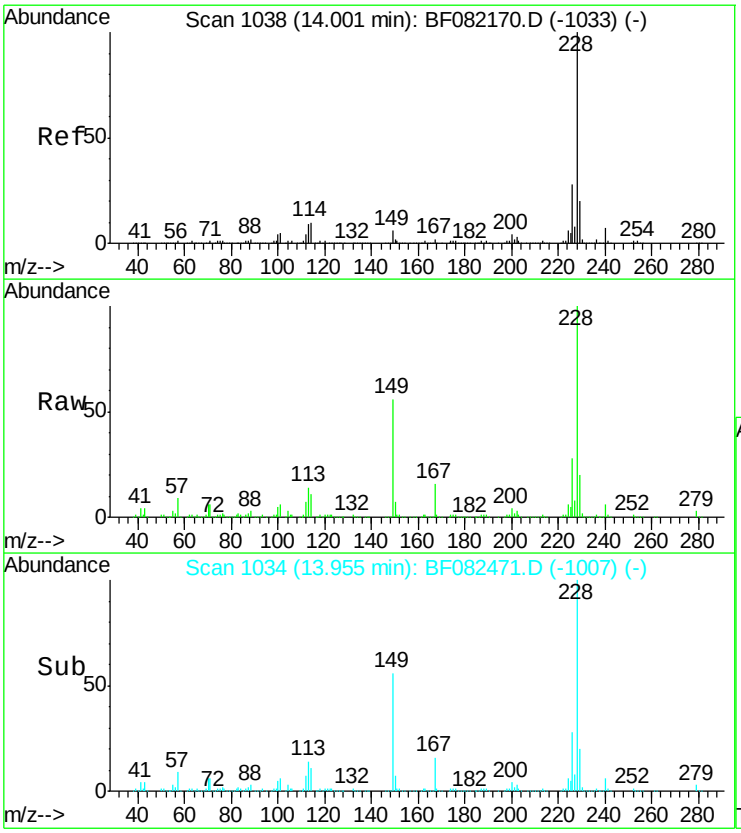
Tgt Ion:149 Resp: 323043

Ion	Ratio	Lower	Upper
149	100		
91	77.4	55.7	83.5
206	16.9	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
PB86188BS

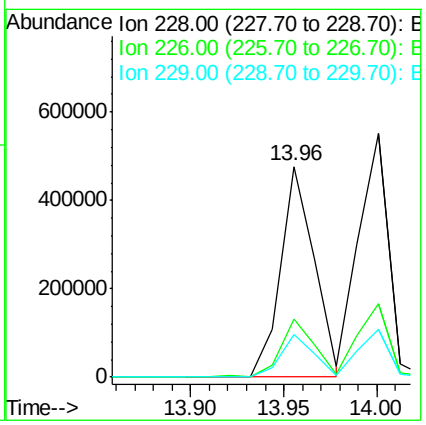
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

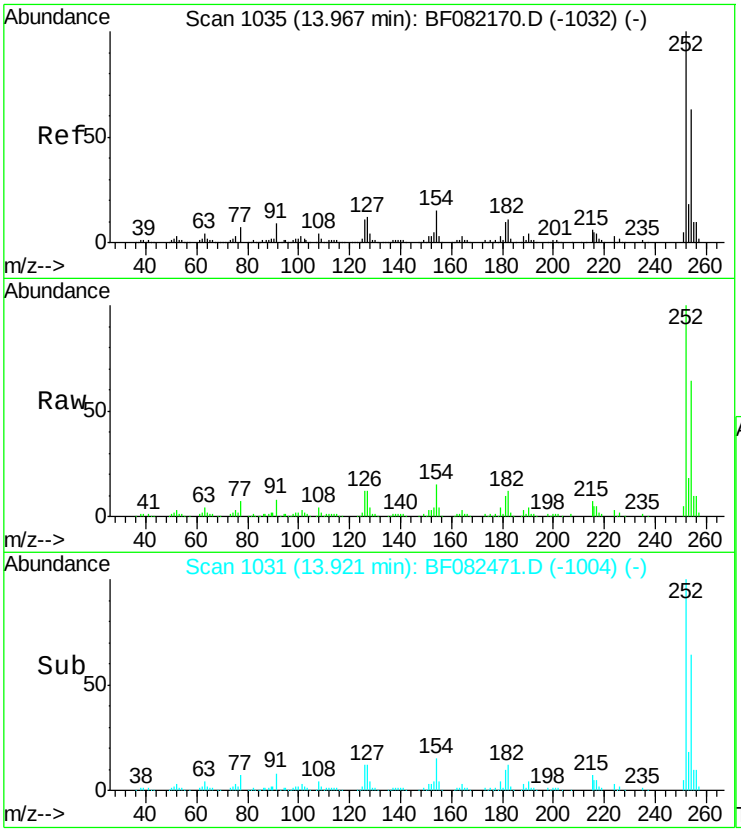


#80
Benzo(a)anthracene
Concen: 30.21 ng
RT: 13.96 min Scan# 1034
Delta R.T. 0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:228 Resp: 603046

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.3	33.5
229	20.3	16.2	24.2

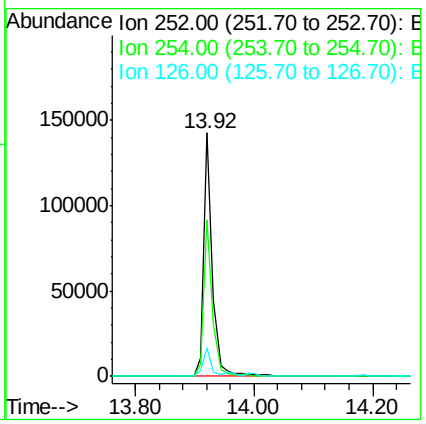




#81
3,3'-Dichlorobenzidine
Concen: 19.76 ng
RT: 13.92 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

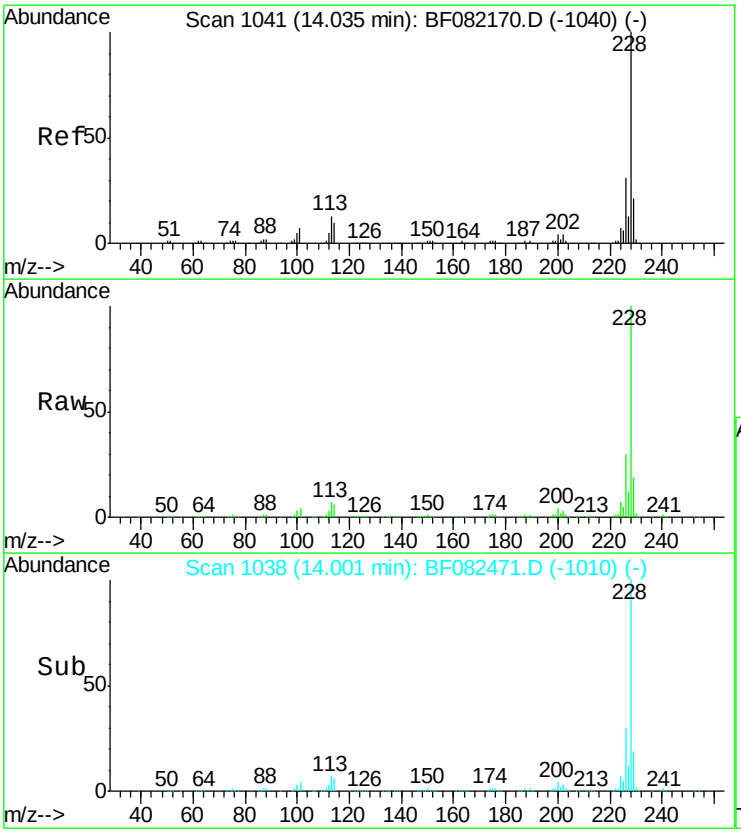
Tgt Ion:252 Resp: 149672

Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	11.6	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
PB86188BS

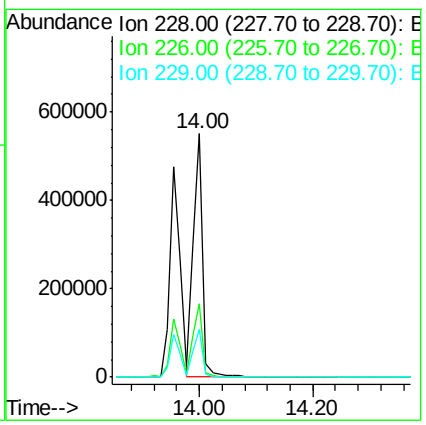
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

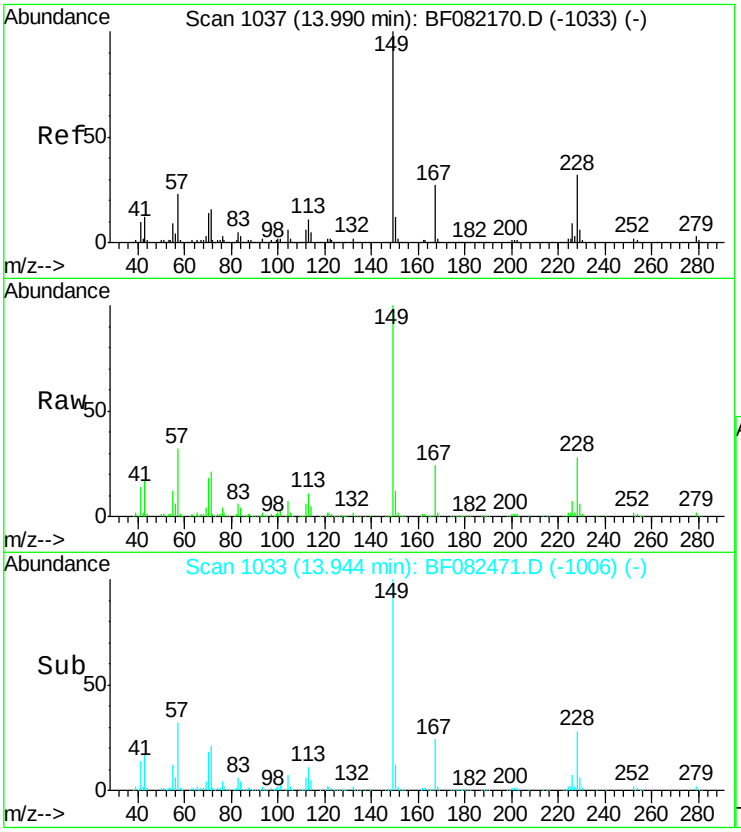


#82
Chrysene
Concen: 29.96 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:228 Resp: 630185

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.4	16.3	24.5





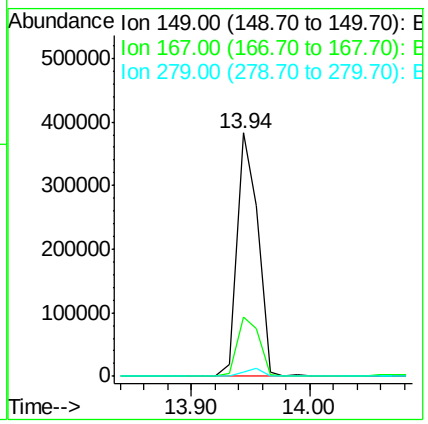
#83
Bis(2-ethylhexyl)phthalate
Concen: 31.52 ng
RT: 13.94 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

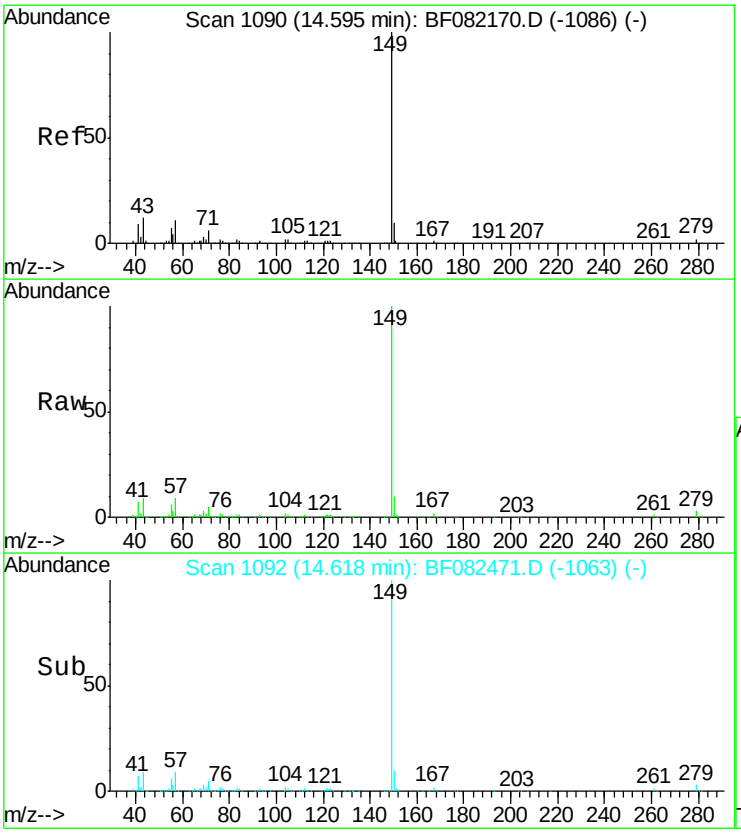
Tgt Ion:149 Resp: 467203

Ion	Ratio	Lower	Upper
149	100		
167	24.5	21.3	31.9
279	1.9	2.6	4.0#

Instrument :
BNA_F
ClientSampleId :
PB86188BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

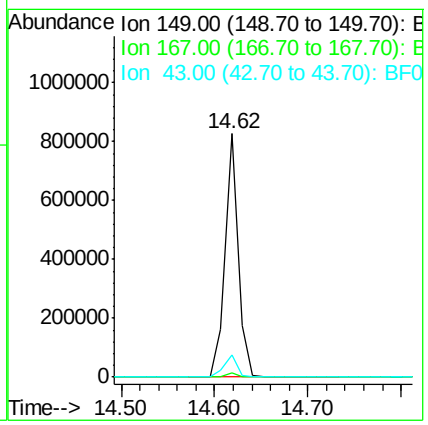


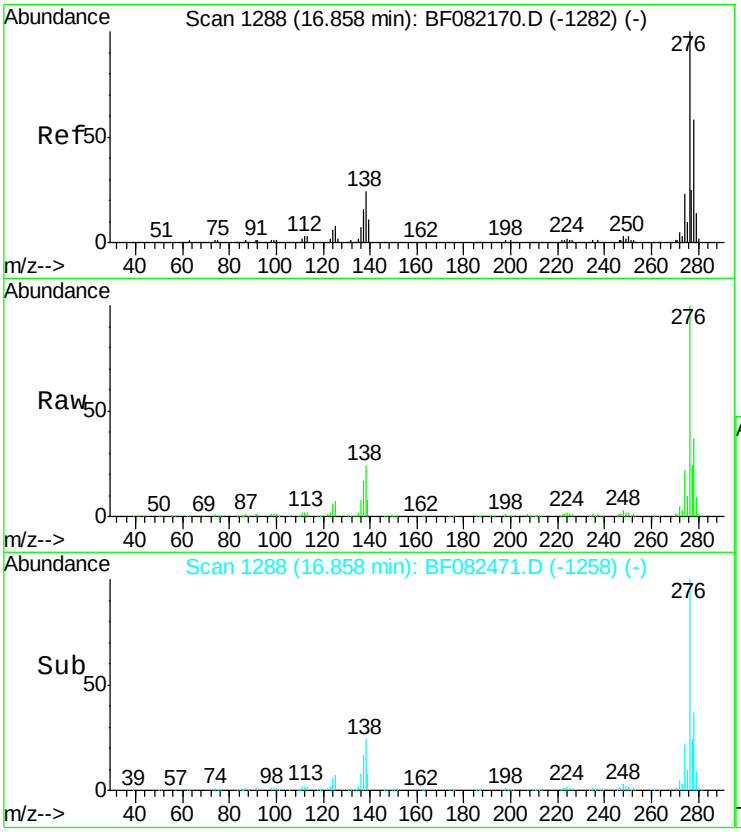


#84
Di-n-octyl phthalate
Concen: 31.82 ng
RT: 14.62 min Scan# 1092
Delta R.T. 0.03 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:149 Resp: 809958

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.4	11.2

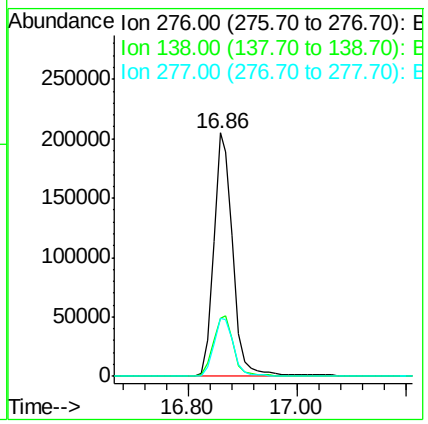




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.40 ng
RT: 16.86 min Scan# 1288
Delta R.T. 0.05 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

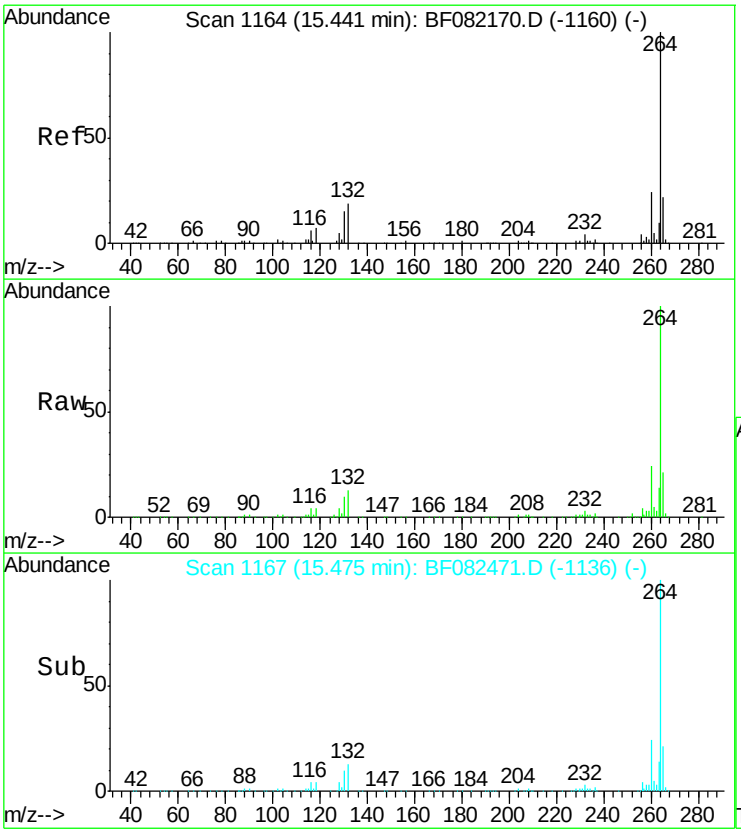
Tgt Ion:276 Resp: 508146

Ion	Ratio	Lower	Upper
276	100		
138	26.5	19.7	29.5
277	24.9	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
PB86188BS

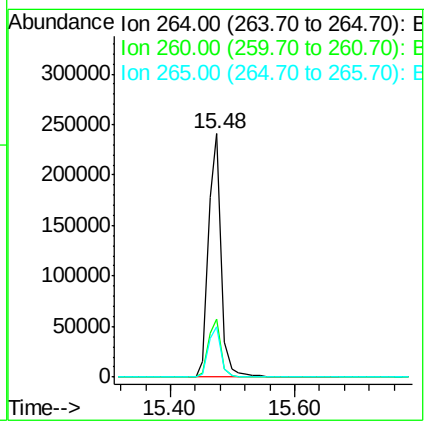
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

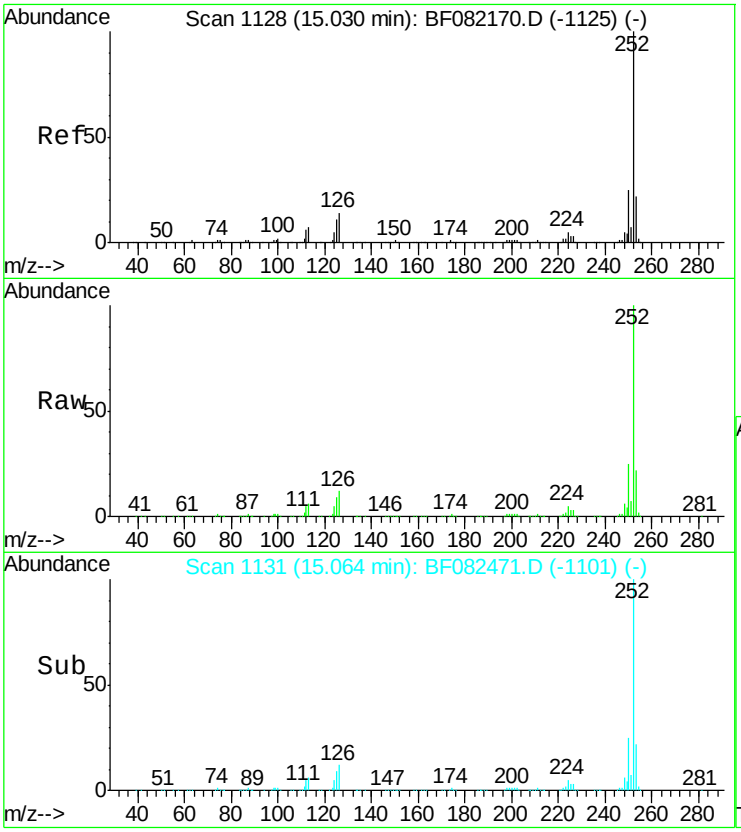


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. 0.06 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:264 Resp: 337206

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	20.8	17.3	25.9

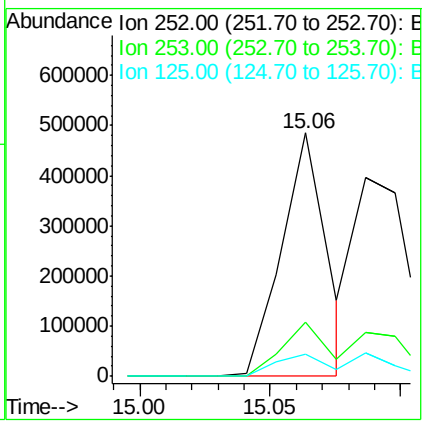




#87
Benzo(b)fluoranthene
Concen: 28.24 ng
RT: 15.06 min Scan# 1131
Delta R.T. 0.05 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

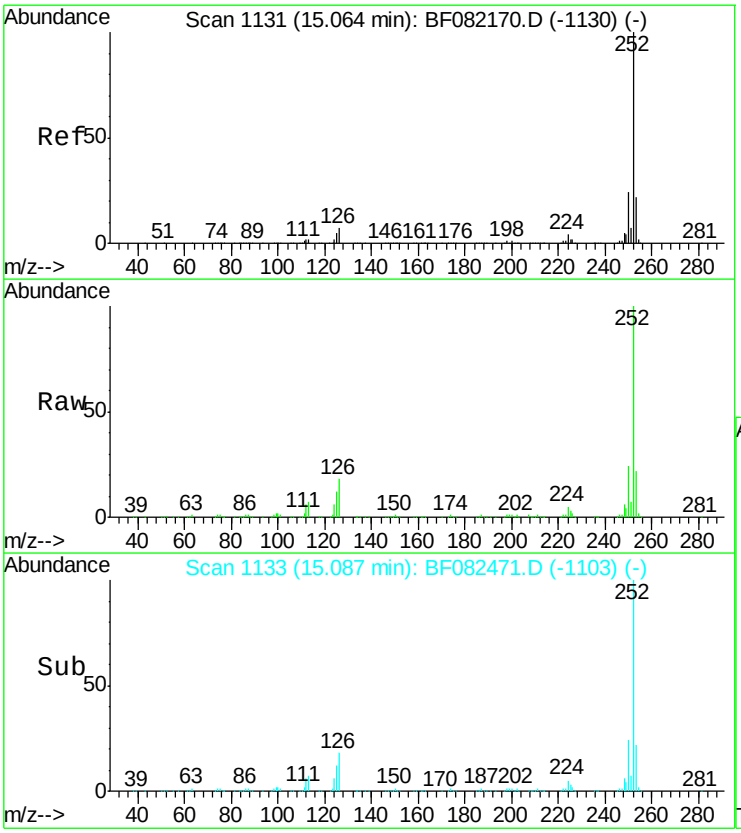
Tgt Ion:252 Resp: 579434

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	9.1	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
PB86188BS

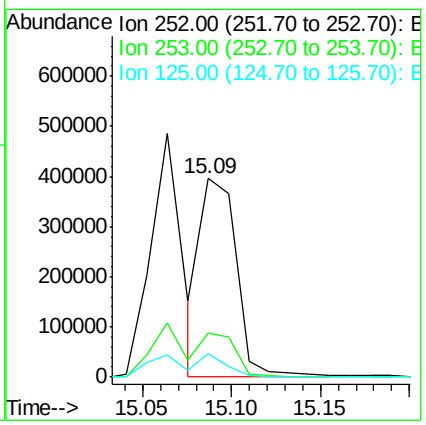
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

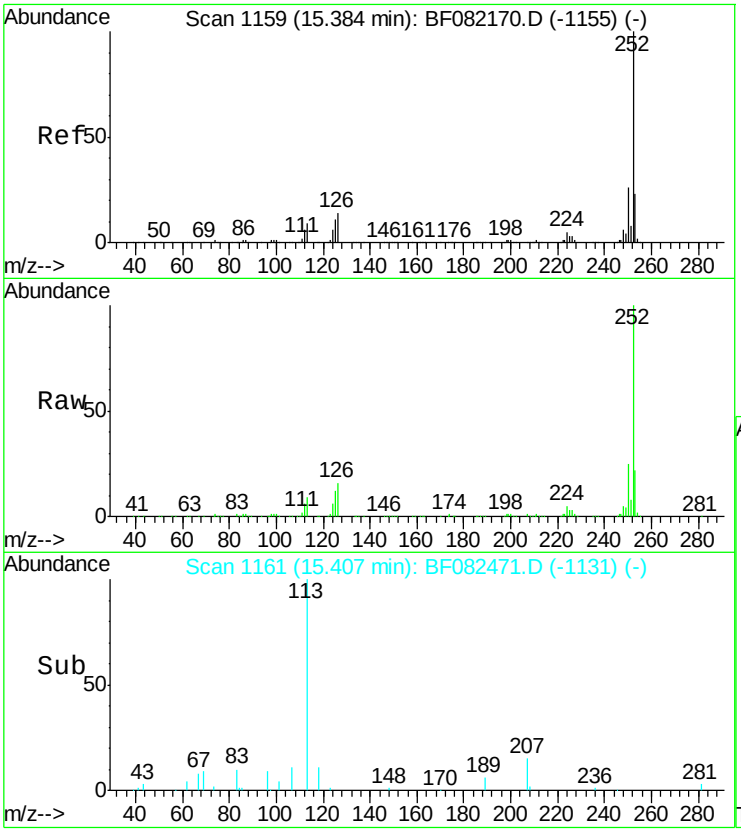


#88
Benzo(k)fluoranthene
Concen: 32.68 ng m
RT: 15.09 min Scan# 1133
Delta R.T. 0.05 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:252 Resp: 563585

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.9	6.7	10.1#

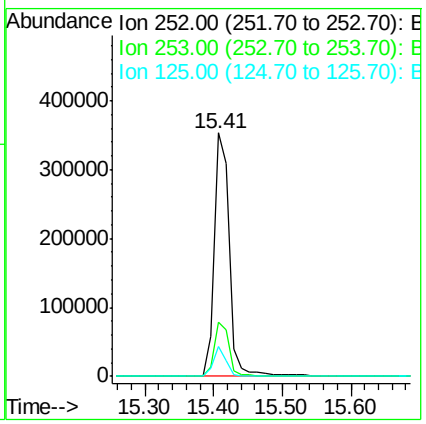




#89
Benzo(a)pyrene
Concen: 31.00 ng
RT: 15.41 min Scan# 1161
Delta R.T. 0.05 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

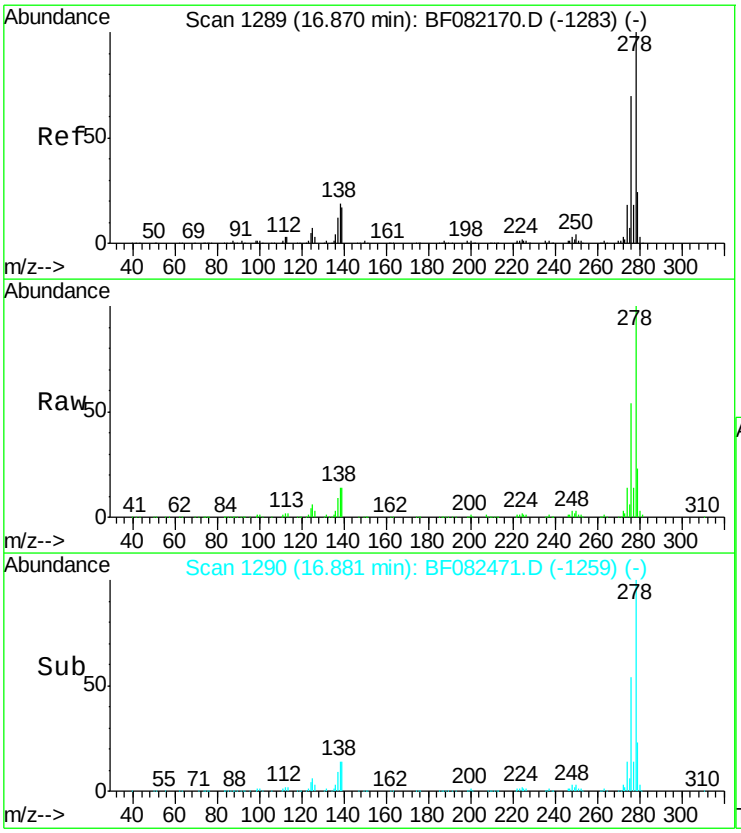
Tgt Ion:252 Resp: 546637

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	12.2	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
PB86188BS

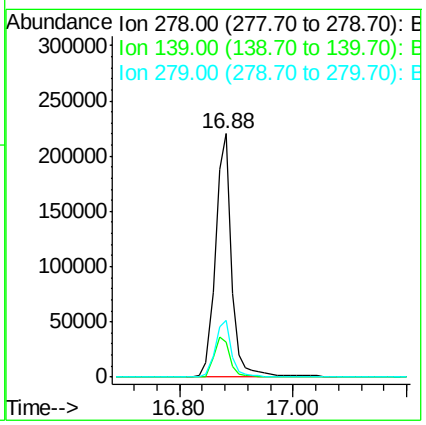
Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM

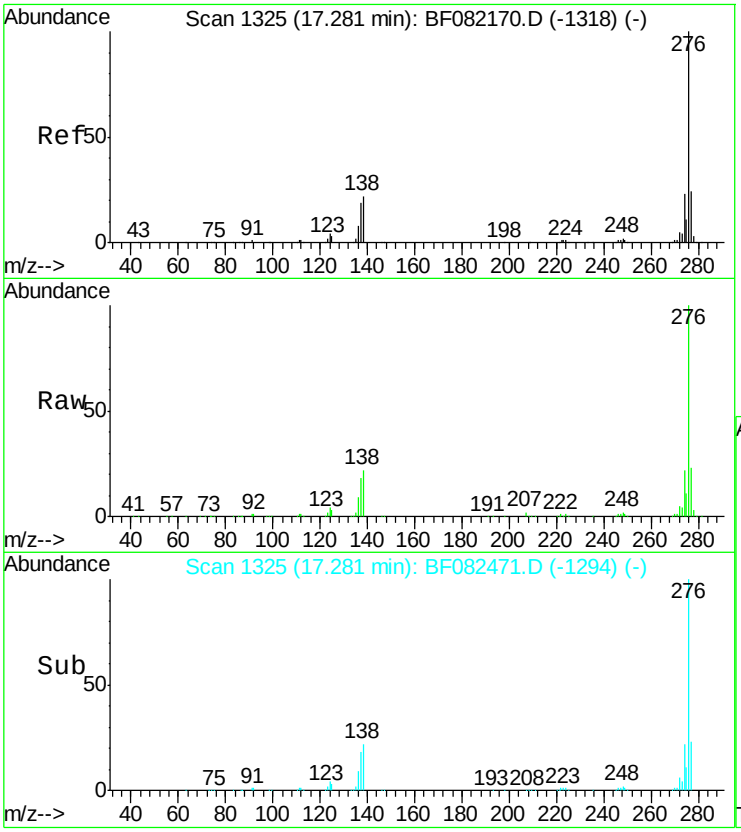


#90
Dibenzo(a,h)anthracene
Concen: 30.08 ng
RT: 16.88 min Scan# 1290
Delta R.T. 0.06 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:278 Resp: 434672

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.3	19.9
279	23.3	18.9	28.3

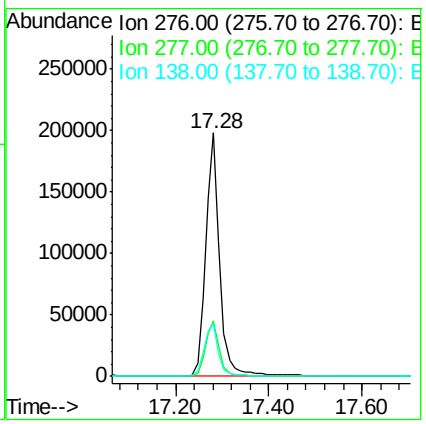




#91
Benzo(g,h,i)perylene
Concen: 29.88 ng
RT: 17.28 min Scan# 1325
Delta R.T. 0.06 min
Lab File: BF082471.D
Acq: 23 Oct 2015 18:00

Tgt Ion:276 Resp: 419361

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	21.6	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
PB86188BS

Manual Integrations APPROVED
MmDadoda
10/26/2015 7:22:08 PM