Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081883.D
Acq On : 29 Sep 2015 16:57
Operator : UM/IZ
Sample : PB85818BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

Quant Time: Sep 30 01:59:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	85060	20.00	ng		-0.01
21) Naphthalene-d8	8.21	136	334841	20.00	ng		-0.01
38) Acenaphthene-d10	9.97	164	181996	20.00	ng		-0.01
63) Phenanthrene-d10	11.45	188	362580	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	371116	20.00	ng		-0.01
86) Perylene-d12	15.57	264	322049	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	404554	86.34	ng		0.00
7) Phenol-d6	6.55	99	576667	97.80	ng		-0.01
23) Nitrobenzene-d5	7.49	82	397017	79.04	ng		-0.01
41) 2,4,6-Tribromophenol	10.77	330	231963	125.85	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	882701	80.29	ng		-0.01
78) Terphenyl-d14	13.04	244	894184	75.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	47043	23.09	ng		93
3) Pyridine	3.35	79	132447	24.97	ng		92
4) n-Nitrosodimethylamine	3.30	42	63637	26.41	ng		91
6) Aniline	6.58	93	186554	23.55	ng	#	78
8) 2-Chlorophenol	6.71	128	183474	35.46	ng		97
9) Benzaldehyde	6.47	77	47904	12.41	ng	#	79
10) Phenol	6.56	94	219553	33.20	ng	#	57
11) bis(2-Chloroethyl)ether	6.66	93	183527	35.78	ng		89
12) 1,3-Dichlorobenzene	6.86	146	213596	34.95	ng	#	92
13) 1,4-Dichlorobenzene	6.94	146	236143	37.00	ng	#	93
14) 1,2-Dichlorobenzene	7.09	146	206141m	36.25	ng		
15) Benzyl Alcohol	7.07	79	155925	36.64	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.20	45	278661	38.43	ng		78
17) 2-Methylphenol	7.18	107	158943	37.89	ng	#	85
18) Hexachloroethane	7.43	117	73180	36.63	ng		89
19) n-Nitroso-di-n-propylamine	7.34	70	130756	36.49	ng	#	77
20) 3+4-Methylphenols	7.33	107	190228	35.90	ng	#	66
22) Acetophenone	7.34	105	266247	38.89	ng	#	82
24) Nitrobenzene	7.51	77	216355	39.67	ng	#	70
25) Isophorone	7.75	82	388828	39.05	ng	#	92
26) 2-Nitrophenol	7.83	139	99043	37.83	ng	#	75
27) 2,4-Dimethylphenol	7.86	122	172428	37.44	ng	#	82
28) bis(2-Chloroethoxy)methane	7.95	93	229788	38.87	ng	#	92
29) 2,4-Dichlorophenol	8.07	162	189064	42.33	ng		98
30) 1,2,4-Trichlorobenzene	8.15	180	194773	39.06	ng		99
31) Naphthalene	8.23	128	584798	39.42	ng		97
32) Benzoic acid	7.98	122	87080	34.11	ng	#	66
33) 4-Chloroaniline	8.29	127	131600	20.51	ng	#	92
34) Hexachlorobutadiene	8.34	225	119868	40.65	ng		98
35) Caprolactam	8.65	113	54313m	43.93	ng		
36) 4-Chloro-3-methylphenol	8.77	107	203128	46.51	ng		86
37) 2-Methylnaphthalene	8.93	142	413157	40.79	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	202438	36.23	ng		99
40) Hexachlorocyclopentadiene	9.07	237	249055	86.56	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081883.D
Acq On : 29 Sep 2015 16:57
Operator : UM/IZ
Sample : PB85818BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

Quant Time: Sep 30 01:59:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	128987	33.67	ng		97
43) 2,4,5-Trichlorophenol	9.25	196	170076	43.18	ng		98
45) 1,1'-Biphenyl	9.39	154	511098	36.40	ng		94
46) 2-Chloronaphthalene	9.42	162	426345	38.67	ng		98
47) 2-Nitroaniline	9.52	65	130906	40.45	ng		91
48) Acenaphthylene	9.83	152	676735	38.35	ng		96
49) Dimethylphthalate	9.69	163	486422	38.72	ng	#	98
50) 2,6-Dinitrotoluene	9.76	165	114473	41.97	ng		94
51) Acenaphthene	10.00	154	459622	43.86	ng		90
52) 3-Nitroaniline	9.93	138	76896	24.37	ng	#	84
53) 2,4-Dinitrophenol	10.03	184	109195	81.27	ng	#	77
54) Dibenzofuran	10.17	168	586450	39.60	ng	#	84
55) 4-Nitrophenol	10.09	139	189048	82.92	ng	#	57
56) 2,4-Dinitrotoluene	10.16	165	154057	44.31	ng	#	89
57) Fluorene	10.51	166	456971	43.06	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.29	232	138142	44.21	ng		97
59) Diethylphthalate	10.39	149	509669	43.43	ng		97
60) 4-Chlorophenyl-phenylether	10.51	204	215805	39.81	ng		97
61) 4-Nitroaniline	10.55	138	121781	38.49	ng	#	50
62) Azobenzene	10.67	77	478702	41.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	69711	43.37	ng		82
65) n-Nitrosodiphenylamine	10.63	169	403467	36.78	ng		90
66) 4-Bromophenyl-phenylether	11.01	248	154978	42.39	ng	#	89
67) Hexachlorobenzene	11.06	284	165259	40.05	ng	#	83
68) Atrazine	11.15	200	136353	40.06	ng		82
69) Pentachlorophenol	11.26	266	199341	84.79	ng		98
70) Phenanthrene	11.49	178	755218	43.22	ng		97
71) Anthracene	11.53	178	800973	43.46	ng		97
72) Carbazole	11.69	167	651576	39.07	ng		95
73) Di-n-butylphthalate	12.01	149	822994	48.55	ng	#	98
74) Fluoranthene	12.67	202	818042	42.12	ng		86
76) Benzidine	12.80	184	319374	28.56	ng		97
77) Pyrene	12.90	202	879934	39.69	ng		96
79) Butylbenzylphthalate	13.52	149	408490	48.96	ng		97
80) Benzo(a)anthracene	14.09	228	816500	40.86	ng		95
81) 3,3'-Dichlorobenzidine	14.06	252	186255	27.60	ng	#	93
82) Chrysene	14.13	228	637237	31.91	ng		94
83) Bis(2-ethylhexyl)phthalate	14.08	149	523403	50.01	ng		96
84) Di-n-octyl phthalate	14.69	149	888793	52.19	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.03	276	620850	39.71	ng	#	84
87) Benzo(b)fluoranthene	15.14	252	727832	39.58	ng	#	84
88) Benzo(k)fluoranthene	15.17	252	662652m	39.32	ng		
89) Benzo(a)pyrene	15.51	252	684041	42.89	ng	#	85
90) Dibenzo(a,h)anthracene	17.05	278	515863	38.55	ng	#	78
91) Benzo(g,h,i)perylene	17.48	276	568286	41.44	ng	#	74

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

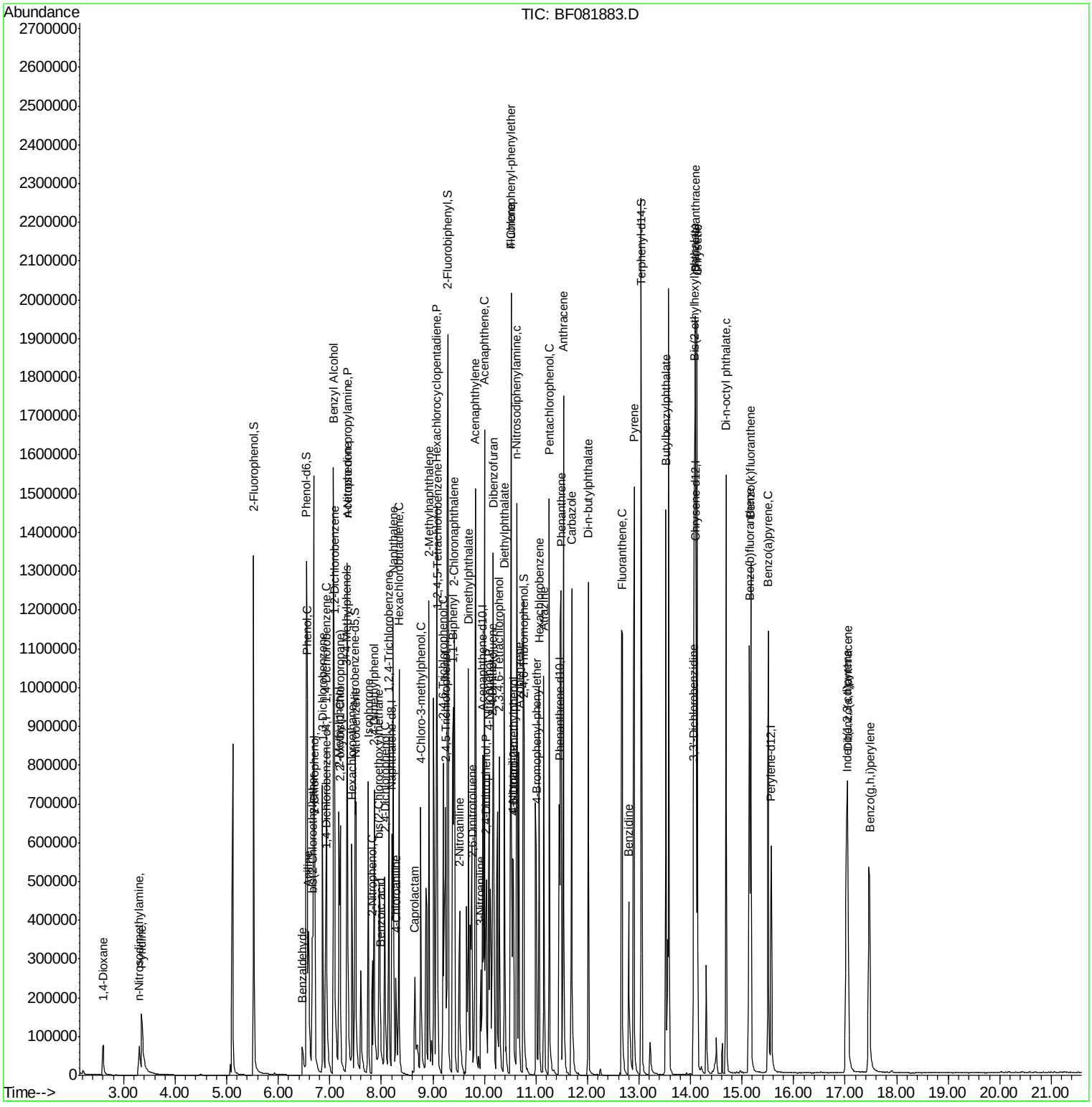
Quantitation Report (QT Reviewed)

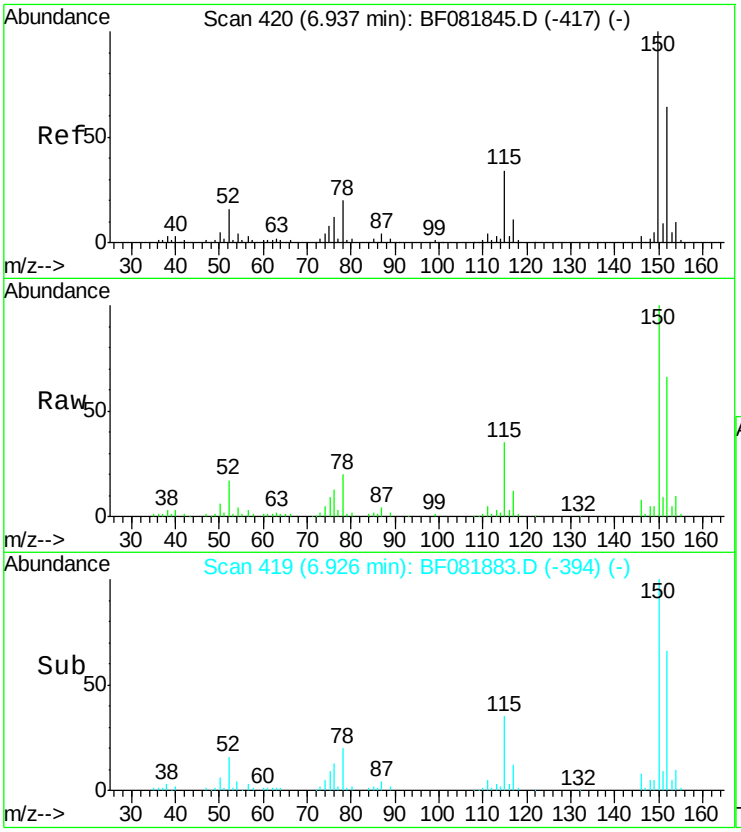
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092915\
Data File : BF081883.D
Acq On : 29 Sep 2015 16:57
Operator : UM/IZ
Sample : PB85818BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 30 01:59:15 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

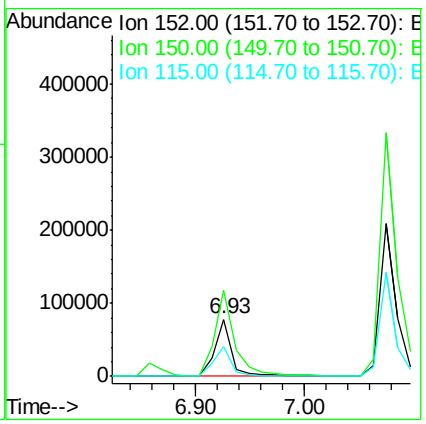




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

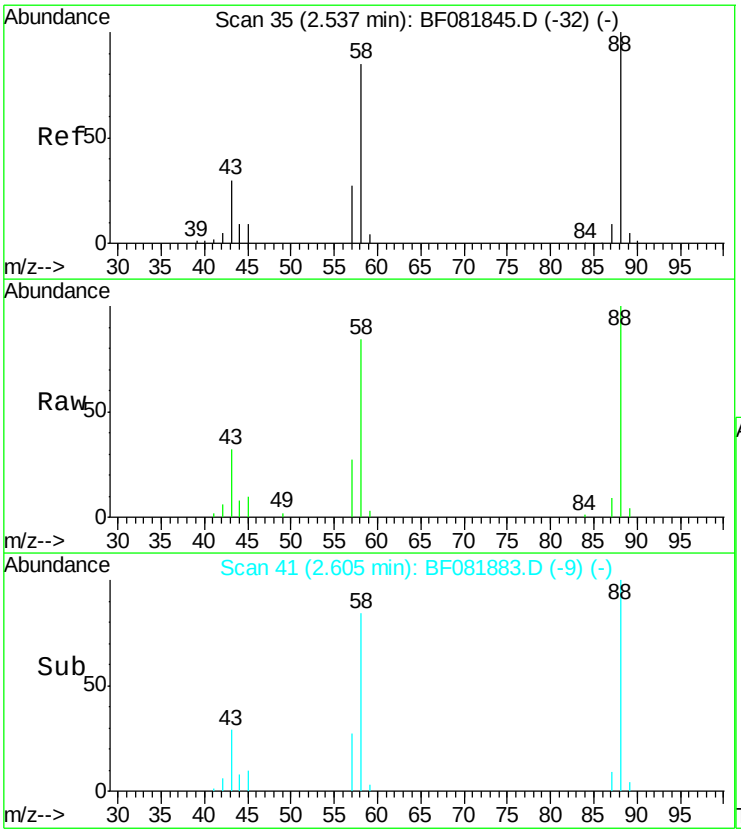
Tgt Ion:152 Resp: 85060

Ion	Ratio	Lower	Upper
152	100		
150	150.9	124.7	187.1
115	52.2	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
PB85818BS

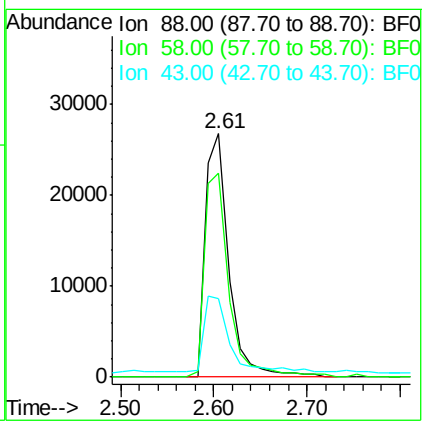
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

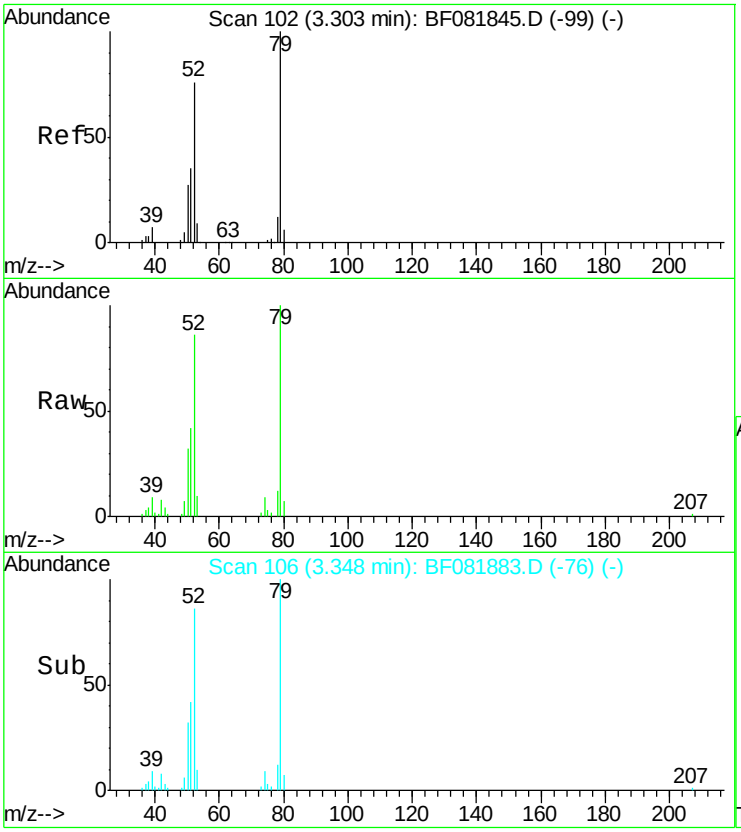


#2
1,4-Dioxane
Concen: 23.09 ng
RT: 2.61 min Scan# 41
Delta R.T. 0.07 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 88 Resp: 47043

Ion	Ratio	Lower	Upper
88	100		
58	87.8	77.7	116.5
43	33.8	26.6	40.0

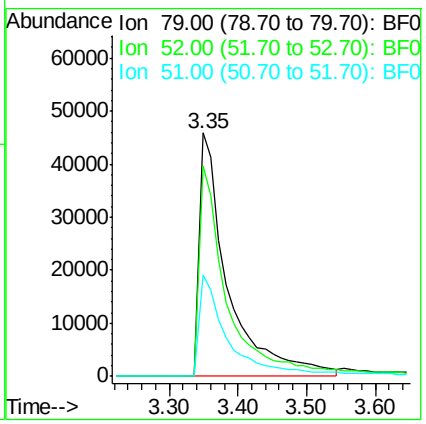




#3
Pyridine
Concen: 24.97 ng
RT: 3.35 min Scan# 106
Delta R.T. 0.05 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

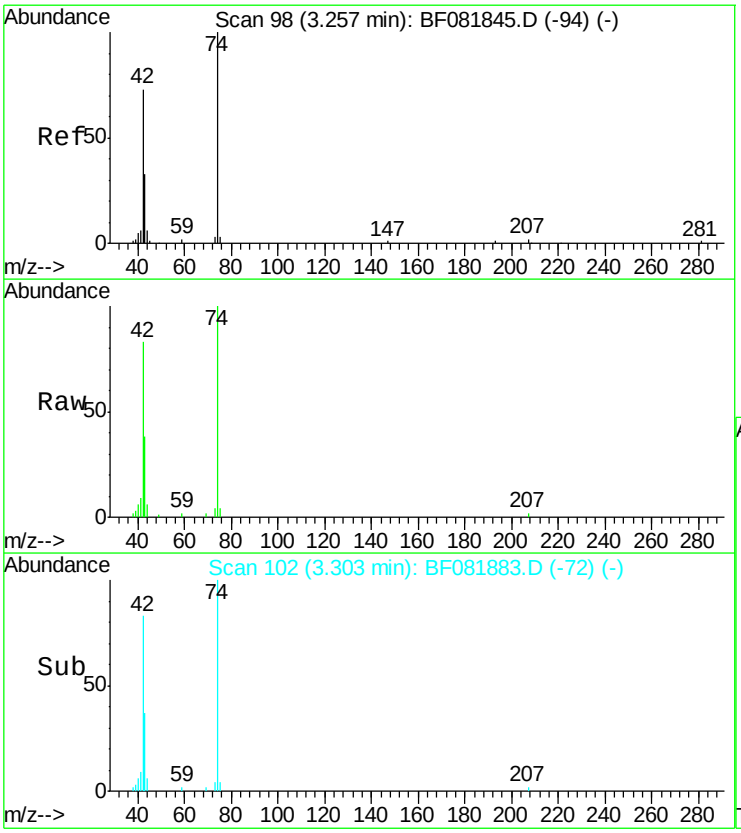
Tgt Ion: 79 Resp: 132447

Ion	Ratio	Lower	Upper
79	100		
52	86.2	76.8	115.2
51	41.9	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
PB85818BS

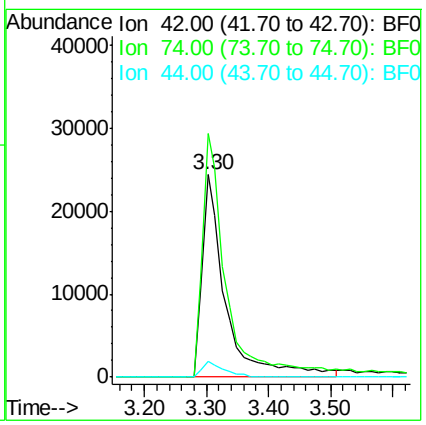
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

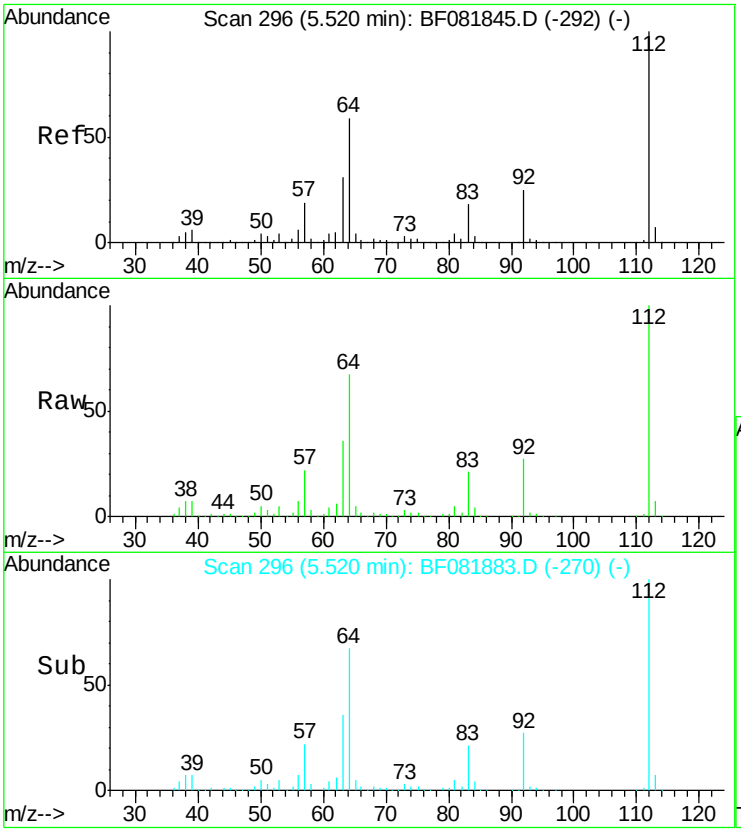


#4
n-Nitrosodimethylamine
Concen: 26.41 ng
RT: 3.30 min Scan# 102
Delta R.T. 0.05 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 42 Resp: 63637

Ion	Ratio	Lower	Upper
42	100		
74	120.3	105.0	157.6
44	7.6	6.6	10.0





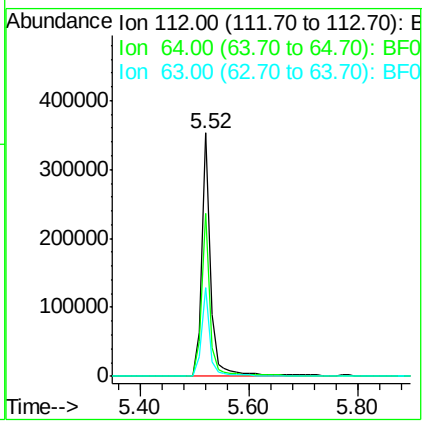
#5
2-Fluorophenol
Concen: 86.34 ng
RT: 5.52 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

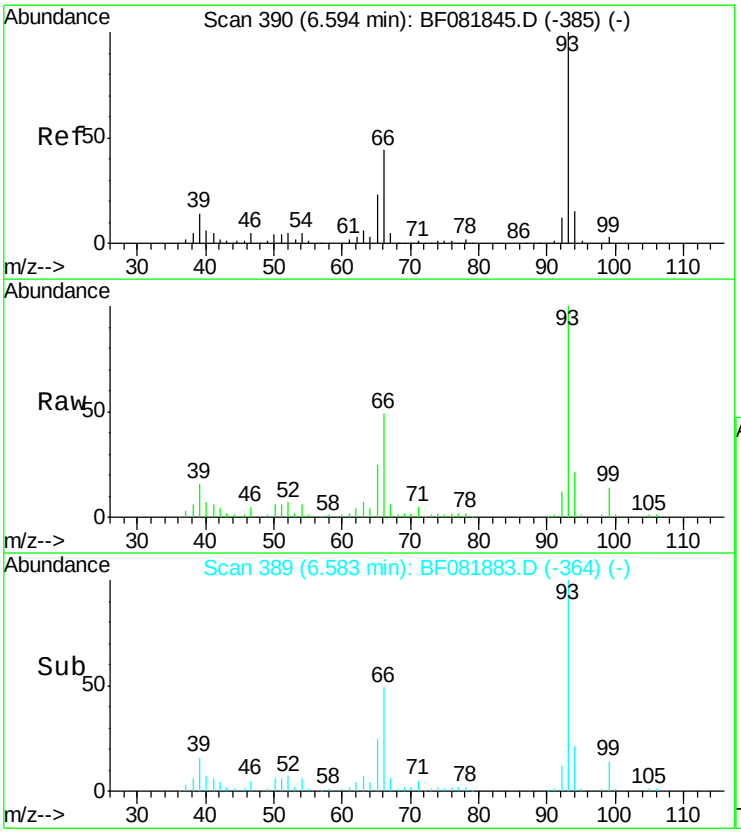
Tgt Ion:112 Resp: 404554

Ion	Ratio	Lower	Upper
112	100		
64	67.0	39.7	59.5#
63	36.4	17.4	26.0#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

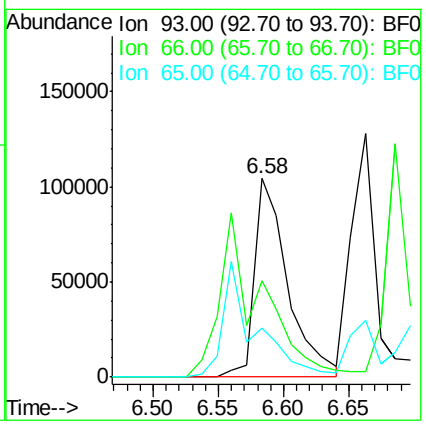


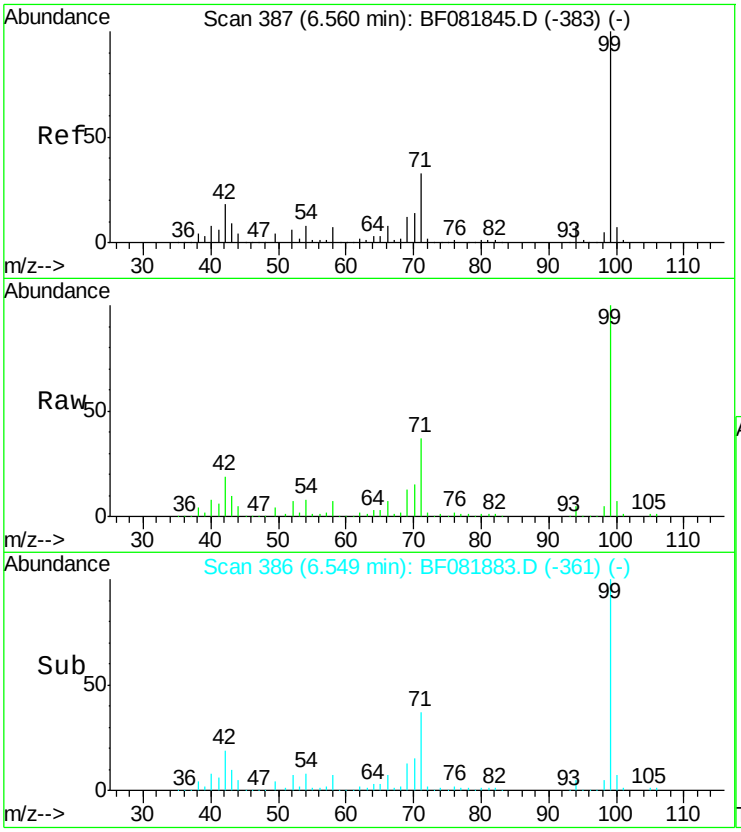


#6
Aniline
Concen: 23.55 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 93 Resp: 186554

Ion	Ratio	Lower	Upper
93	100		
66	48.7	27.2	40.8#
65	24.8	14.7	22.1#





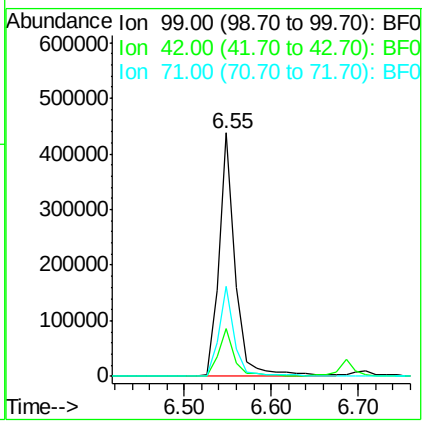
#7
Phenol-d6
Concen: 97.80 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

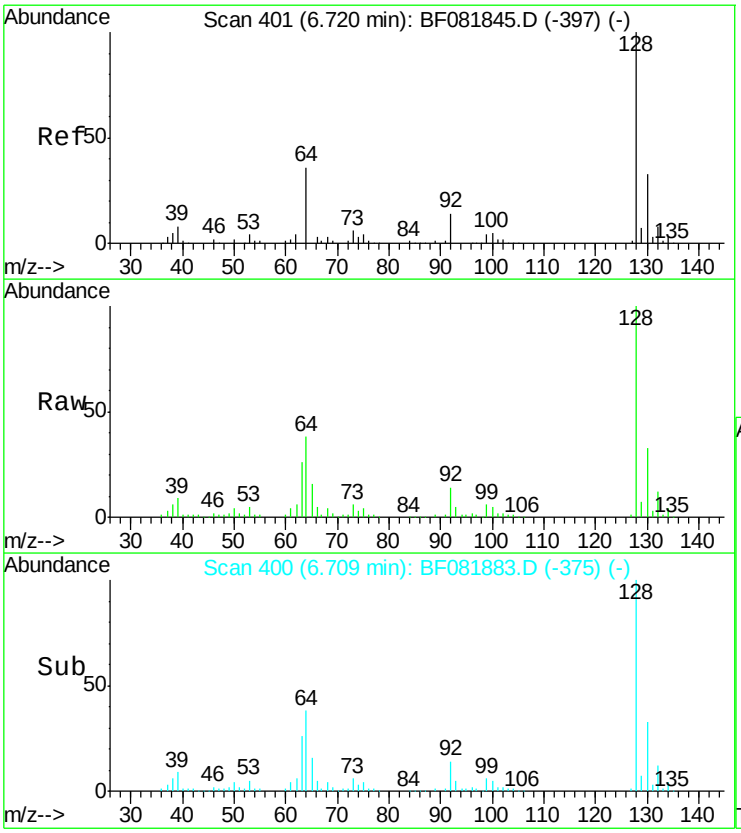
Tgt Ion: 99 Resp: 576667

Ion	Ratio	Lower	Upper
99	100		
42	19.5	13.7	20.5
71	36.9	14.2	21.2#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

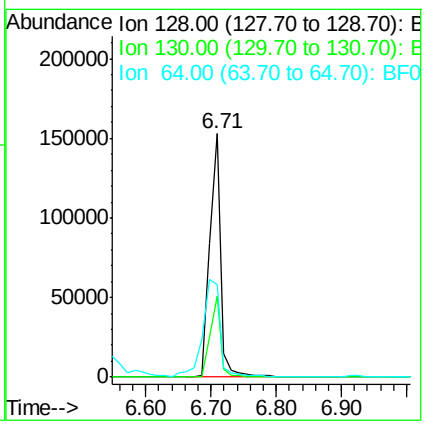


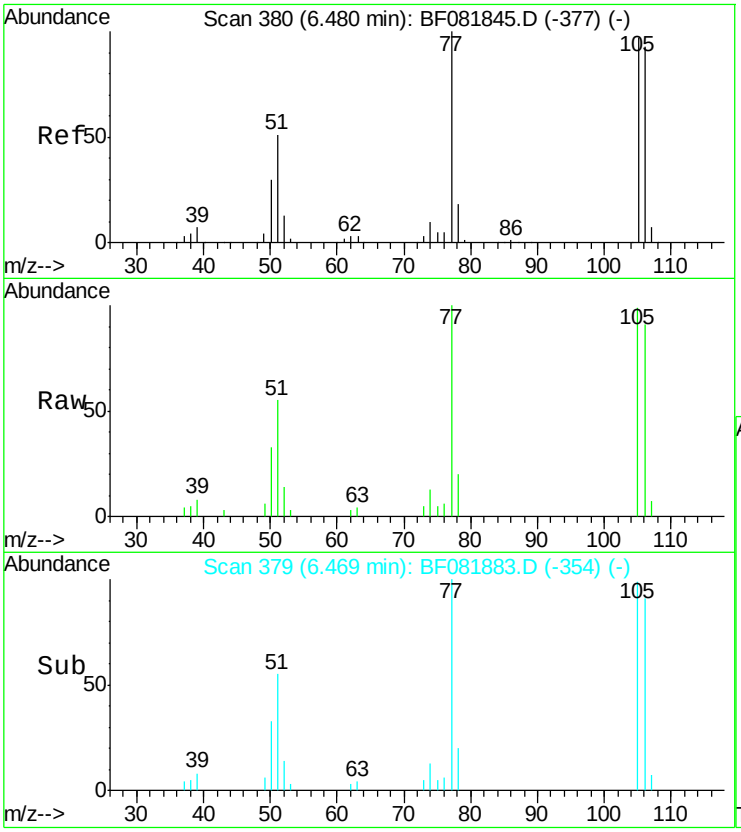


#8
2-Chlorophenol
Concen: 35.46 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:128 Resp: 183474

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.2	52.2
64	38.2	20.5	60.5

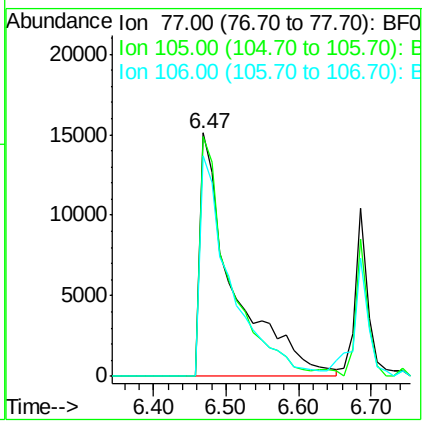




#9
Benzaldehyde
Concen: 12.41 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

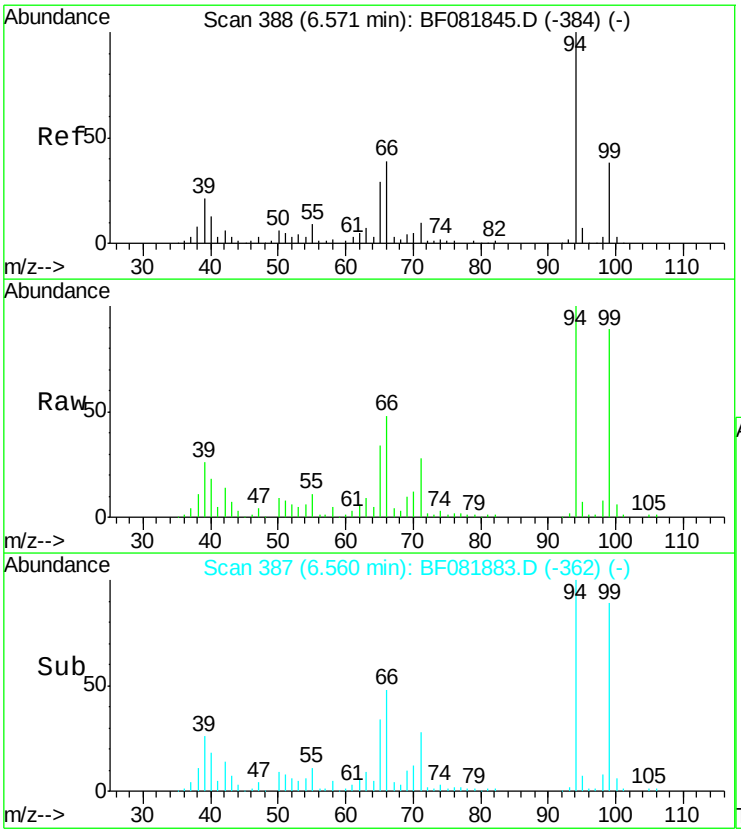
Tgt Ion: 77 Resp: 47904

Ion	Ratio	Lower	Upper
77	100		
105	98.6	91.6	131.6
106	90.8	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

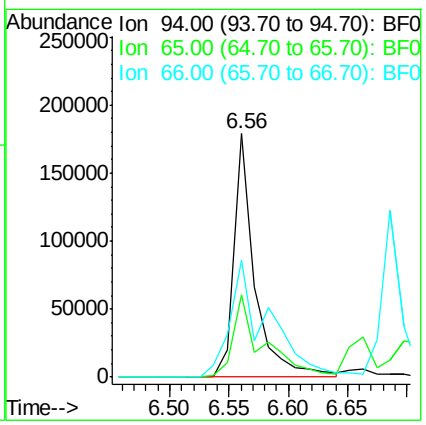
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

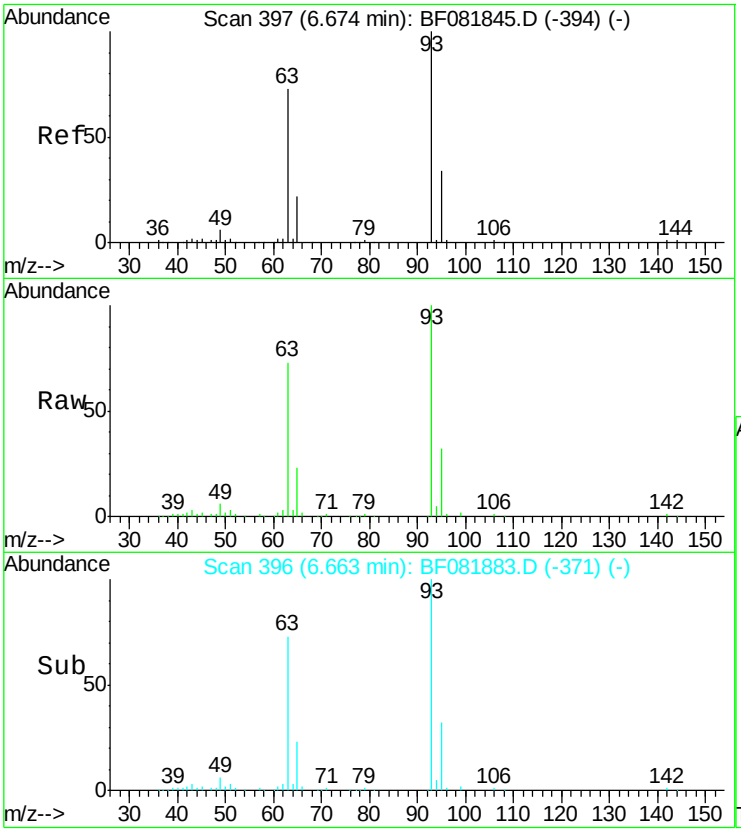


#10
Phenol
Concen: 33.20 ng
RT: 6.56 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 94 Resp: 219553

Ion	Ratio	Lower	Upper
94	100		
65	33.9	0.7	40.7
66	48.1	0.8	40.8#

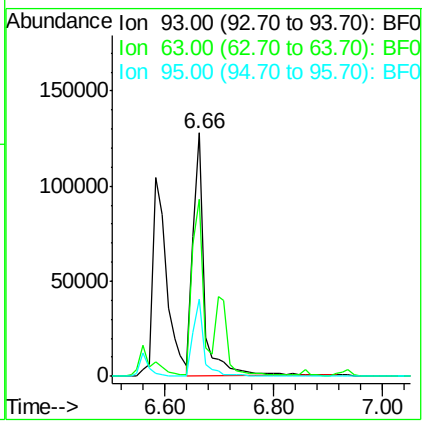




#11
bis(2-Chloroethyl)ether
Concen: 35.78 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

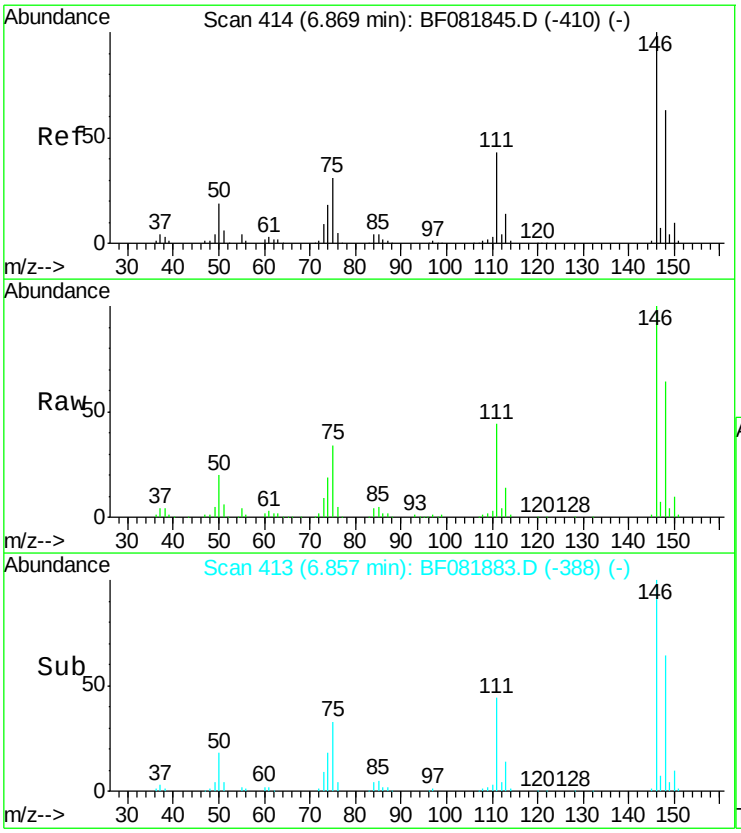
Tgt Ion: 93 Resp: 183527

Ion	Ratio	Lower	Upper
93	100		
63	73.0	65.6	105.6
95	31.6	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
PB85818BS

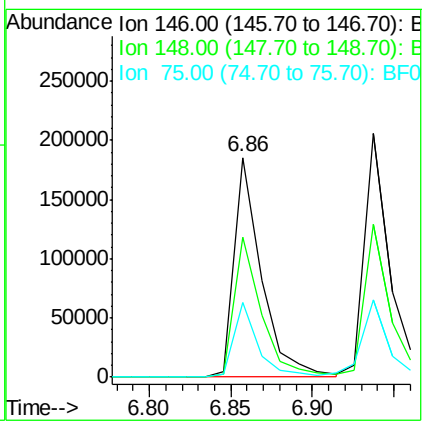
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

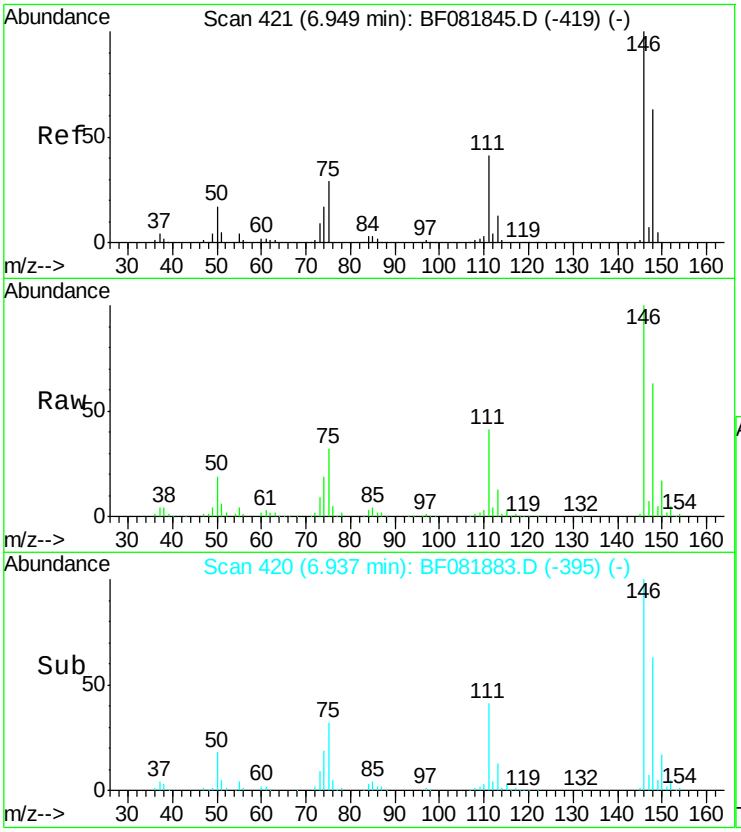


#12
1,3-Dichlorobenzene
Concen: 34.95 ng
RT: 6.86 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:146 Resp: 213596

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
75	33.9	15.0	22.6#

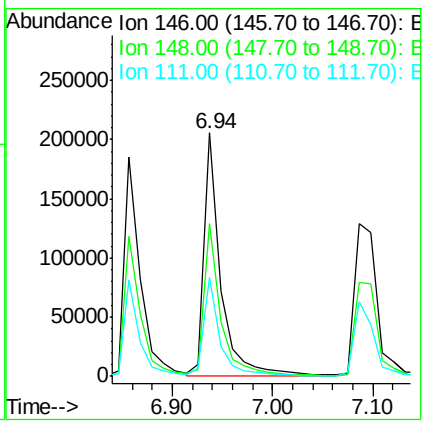




#13
1,4-Dichlorobenzene
Concen: 37.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

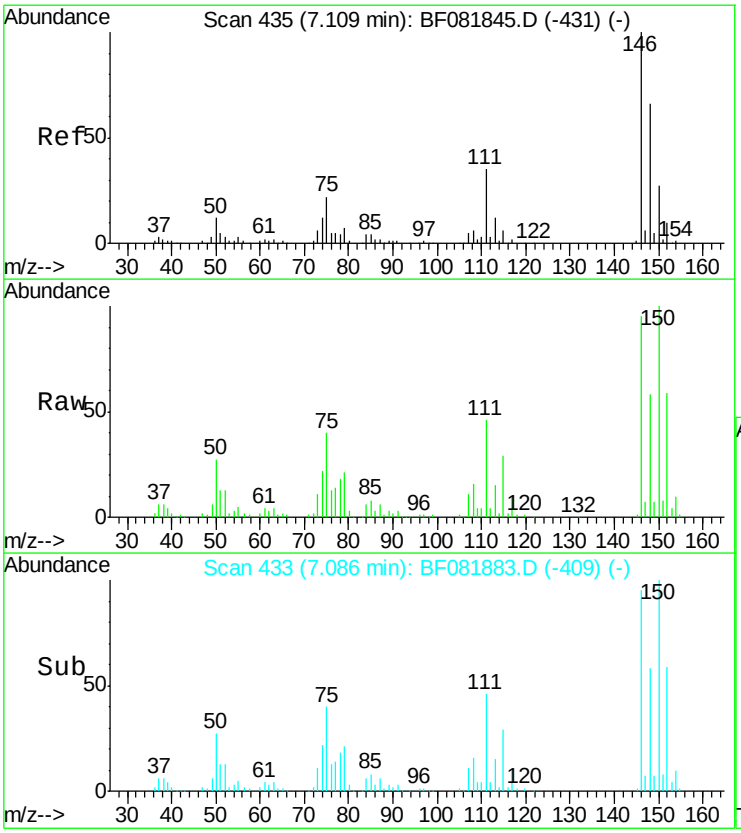
Tgt Ion:146 Resp: 236143

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.8	77.6
111	40.7	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

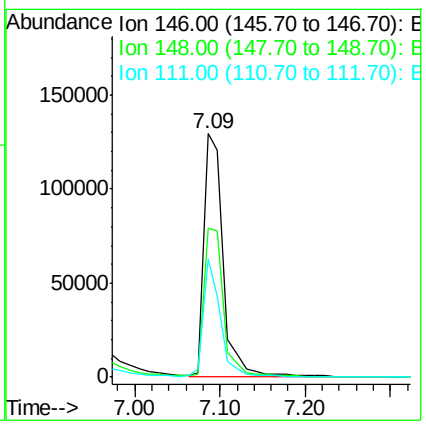
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

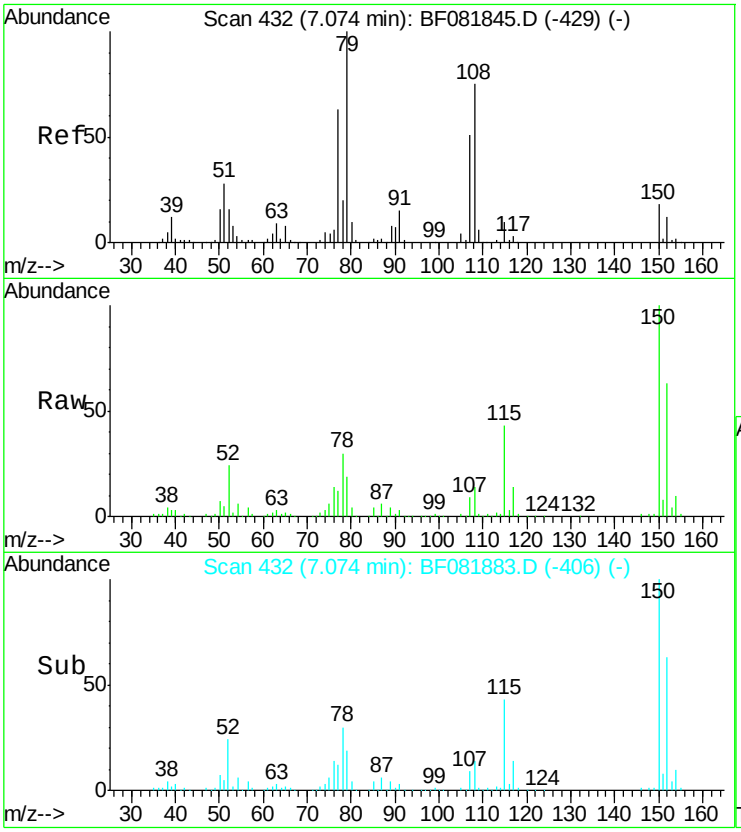


#14
1,2-Dichlorobenzene
Concen: 36.25 ng m
RT: 7.09 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:146 Resp: 206141

Ion	Ratio	Lower	Upper
146	100		
148	61.1	52.7	79.1
111	48.6	28.8	43.2#





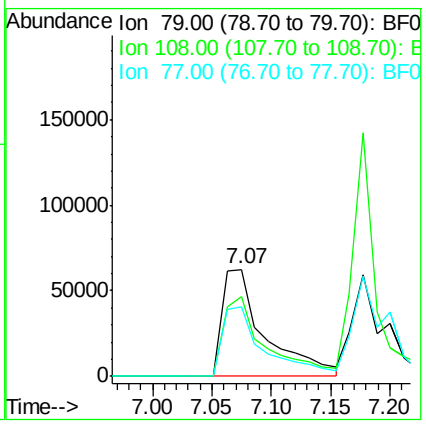
#15
Benzyl Alcohol
Concen: 36.64 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

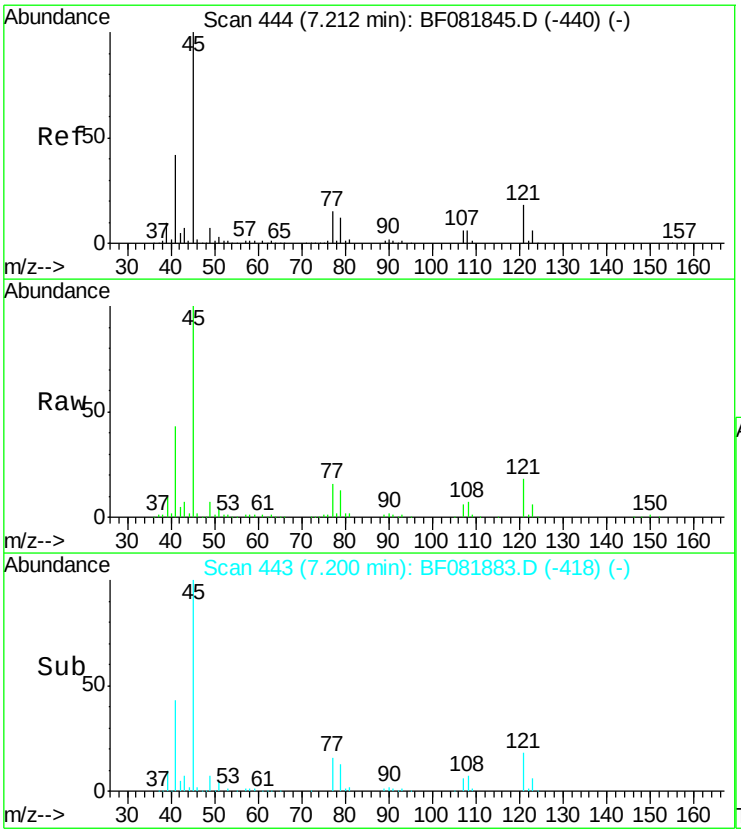
Tgt Ion: 79 Resp: 155925

Ion	Ratio	Lower	Upper
79	100		
108	74.5	88.6	132.8#
77	65.3	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

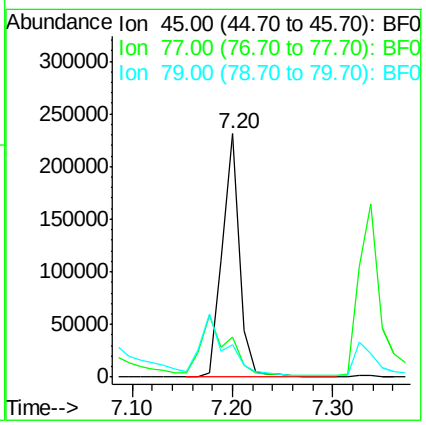


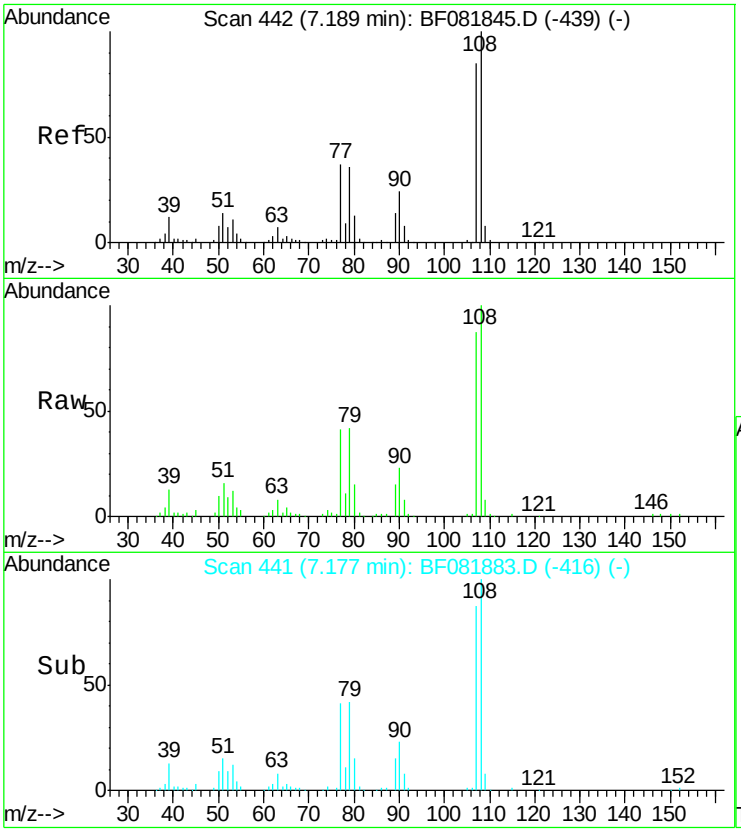


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.43 ng
RT: 7.20 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 45 Resp: 278661

Ion	Ratio	Lower	Upper
45	100		
77	16.3	0.0	28.1
79	13.3	0.0	26.0

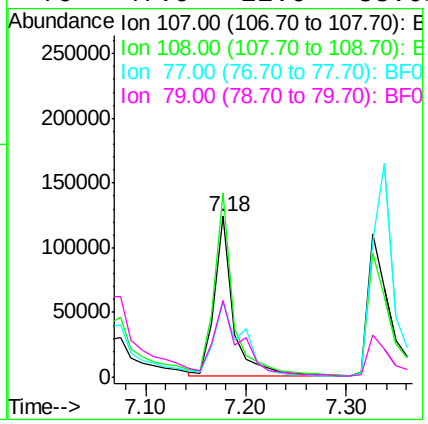




#17
2-Methylphenol
Concen: 37.89 ng
RT: 7.18 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

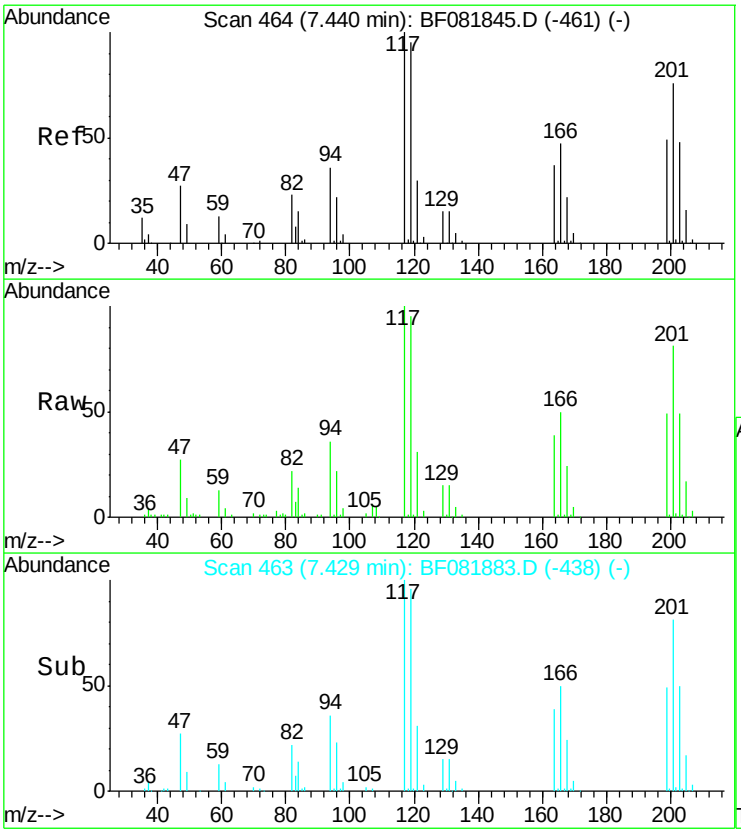
Tgt Ion:107 Resp: 158943

Ion	Ratio	Lower	Upper
107	100		
108	114.4	96.6	145.0
77	47.1	23.3	34.9#
79	47.9	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

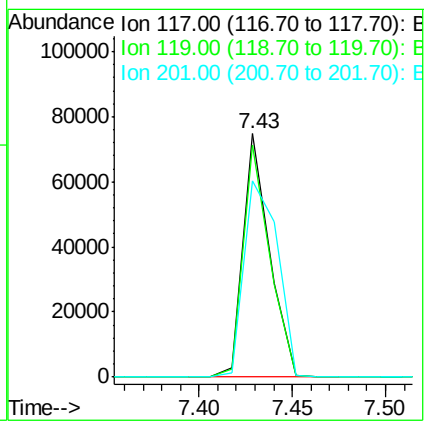
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

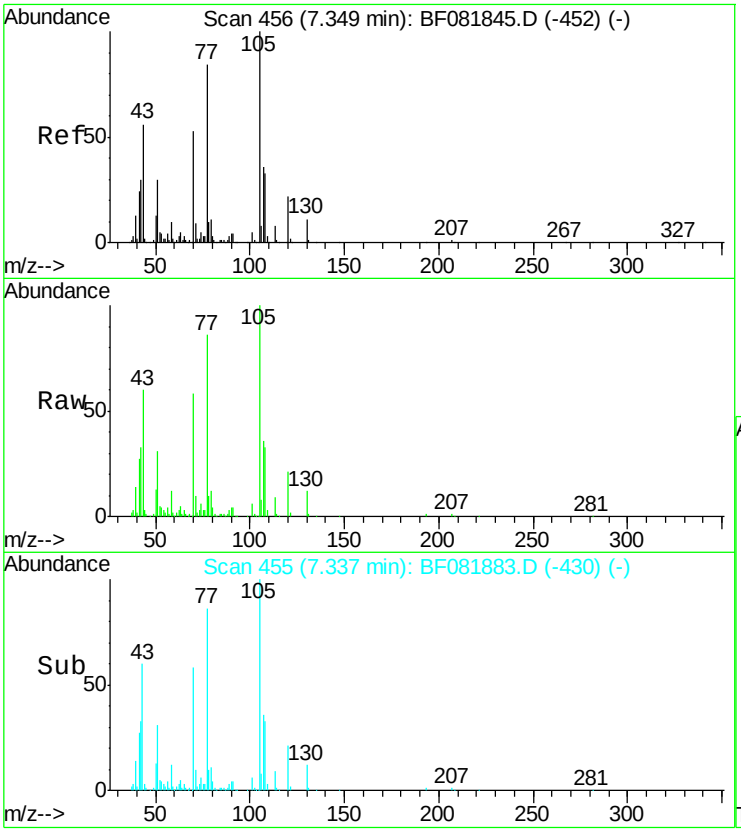


#18
Hexachloroethane
Concen: 36.63 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:117 Resp: 73180

Ion	Ratio	Lower	Upper
117	100		
119	95.3	83.8	125.6
201	80.6	55.1	82.7





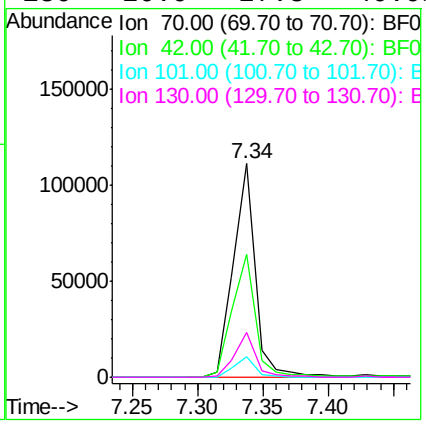
#19
n-Nitroso-di-n-propylamine
Concen: 36.49 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

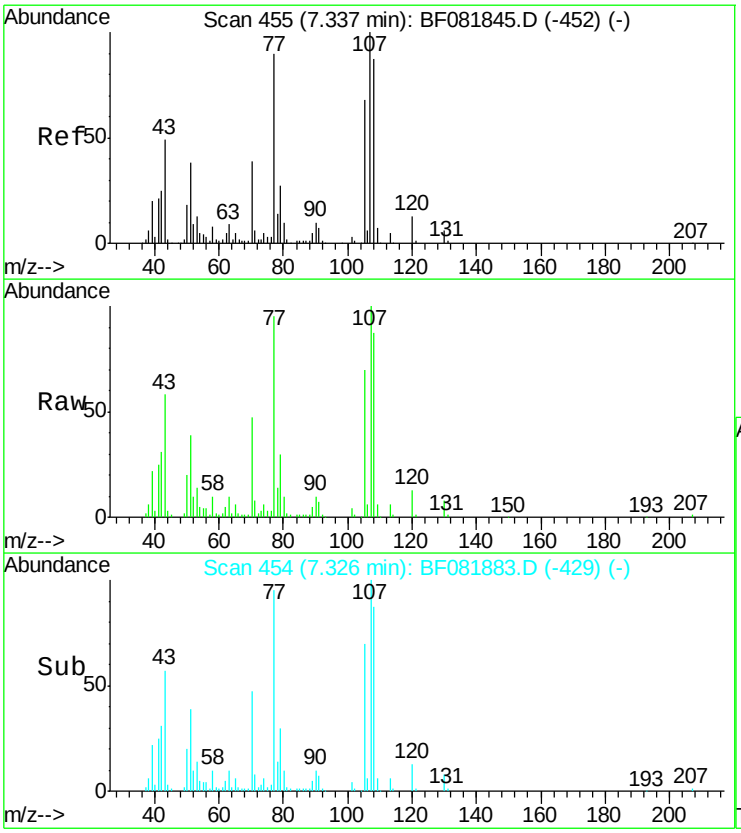
Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

Tgt Ion: 70 Resp: 130756

Ion	Ratio	Lower	Upper
70	100		
42	57.4	63.8	95.6#
101	9.8	9.2	13.8
130	20.9	27.3	40.9#

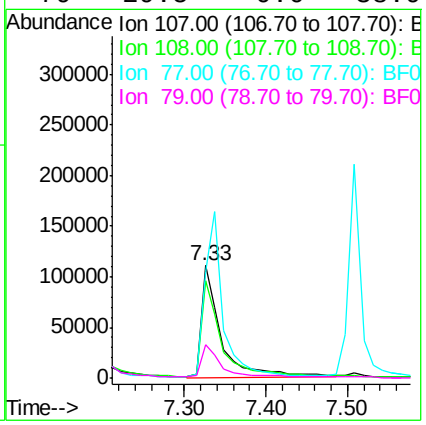


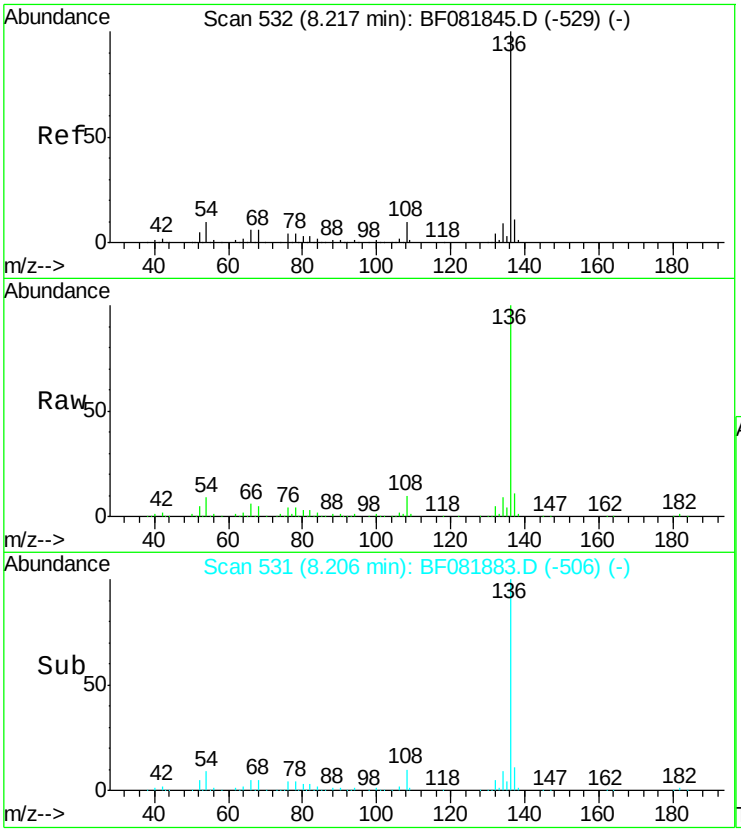


#20
3+4-Methylphenols
Concen: 35.90 ng
RT: 7.33 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:107 Resp: 190228

Ion	Ratio	Lower	Upper
107	100		
108	86.8	74.6	114.6
77	94.8	0.7	40.7#
79	29.5	0.0	38.9

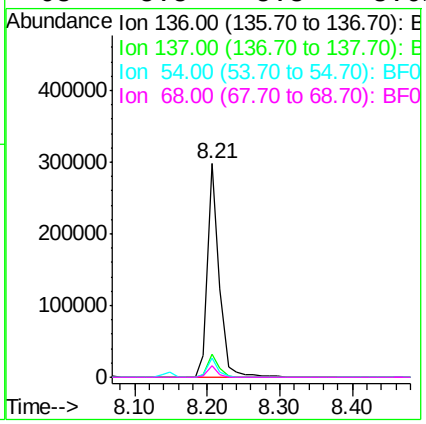




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

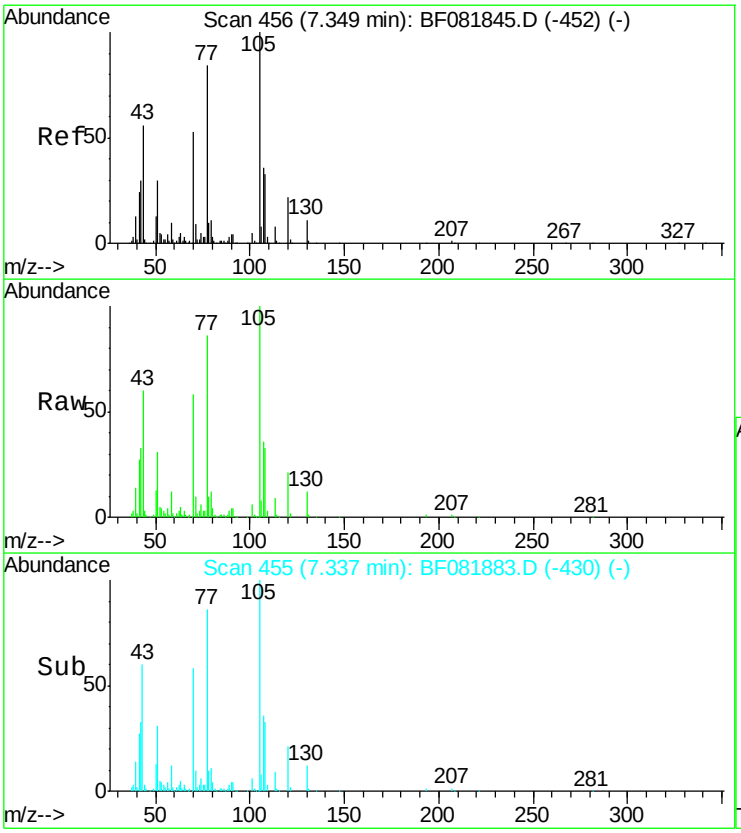
Tgt Ion:136 Resp: 334841

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.2	8.2	12.2
68	5.5	5.8	8.6#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

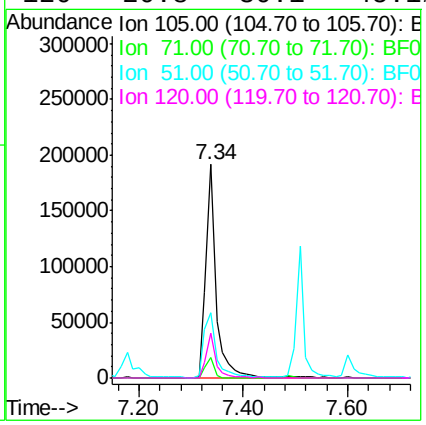
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

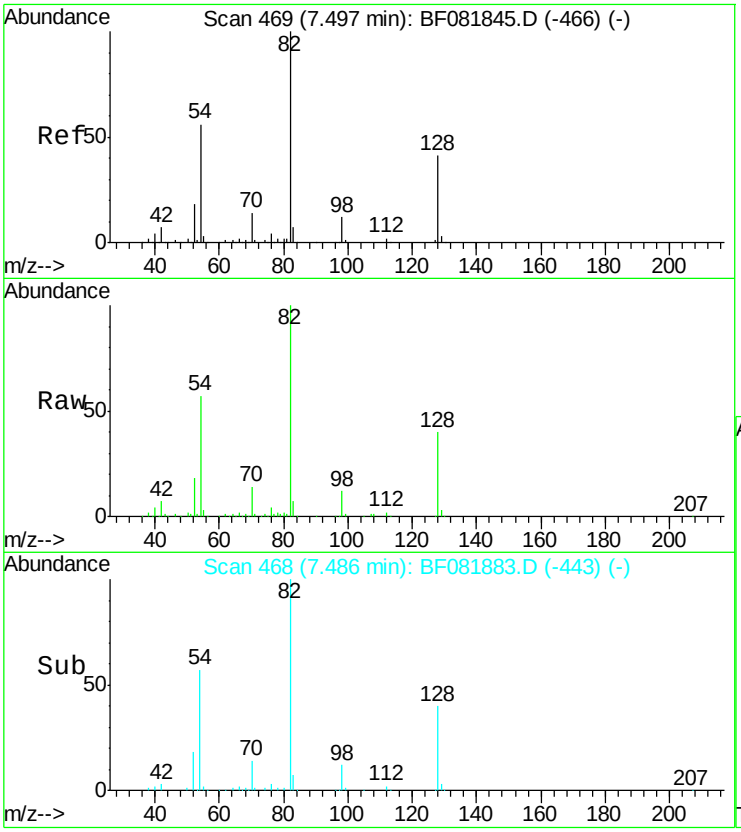


#22
Acetophenone
Concen: 38.89 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:105 Resp: 266247

Ion	Ratio	Lower	Upper
105	100		
71	9.7	4.7	7.1#
51	30.8	22.0	33.0
120	20.8	30.1	45.1#

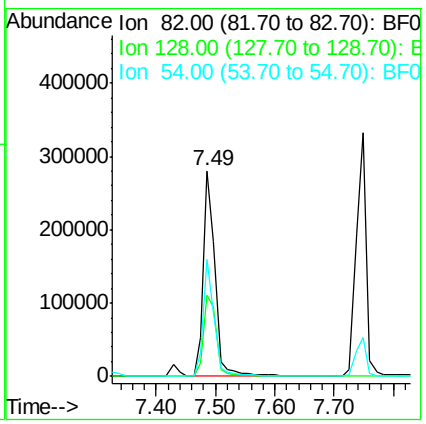




#23
Nitrobenzene-d5
Concen: 79.04 ng
RT: 7.49 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

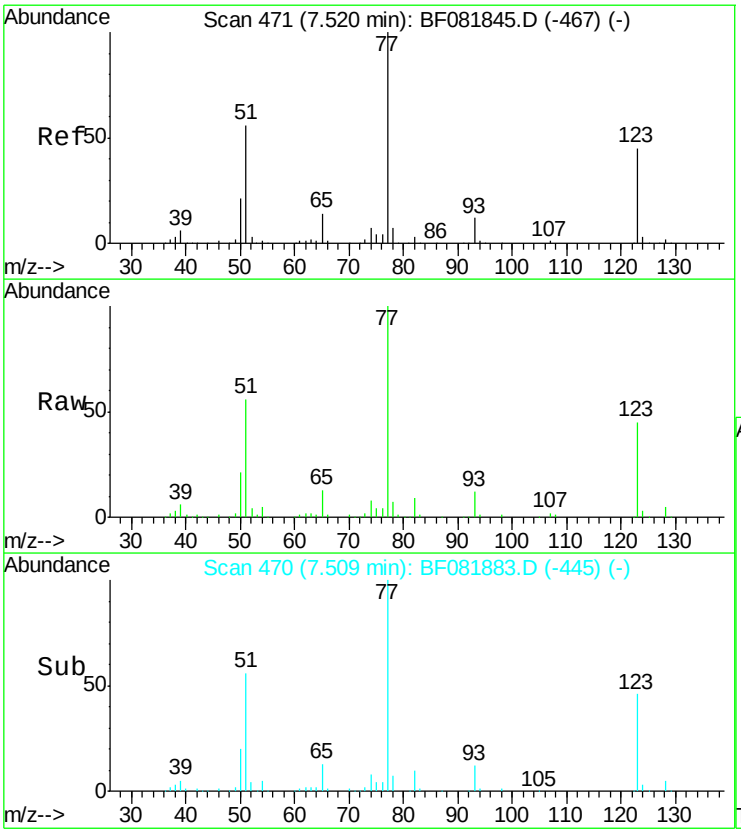
Tgt Ion: 82 Resp: 397017

Ion	Ratio	Lower	Upper
82	100		
128	39.7	51.0	76.6#
54	57.0	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
PB85818BS

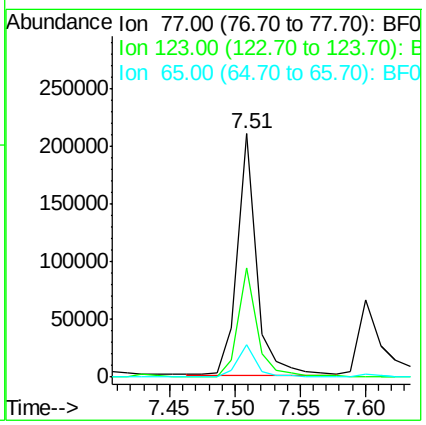
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

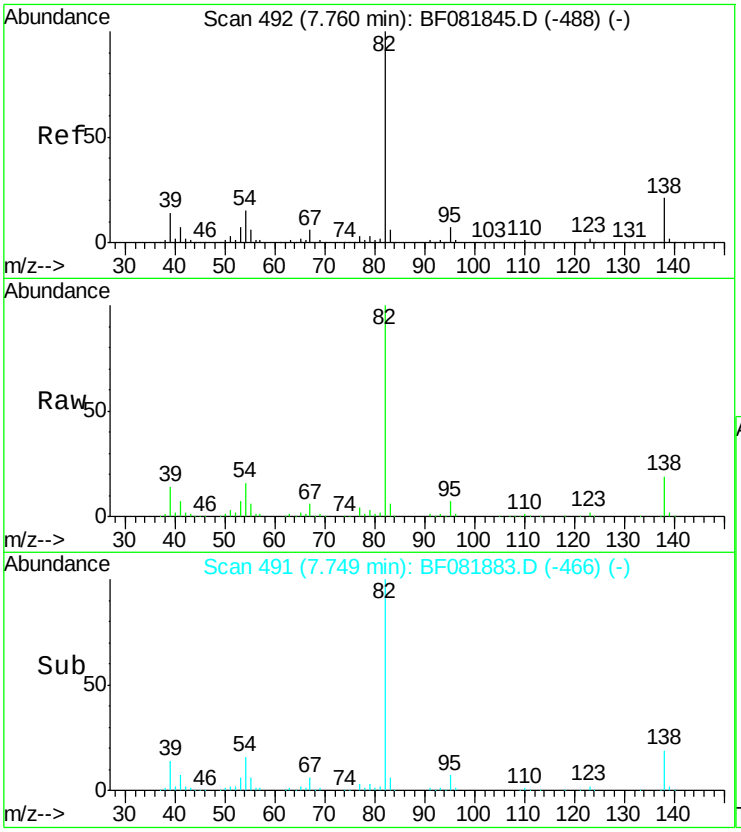


#24
Nitrobenzene
Concen: 39.67 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 77 Resp: 216355

Ion	Ratio	Lower	Upper
77	100		
123	44.9	59.8	89.8#
65	13.3	10.2	15.4

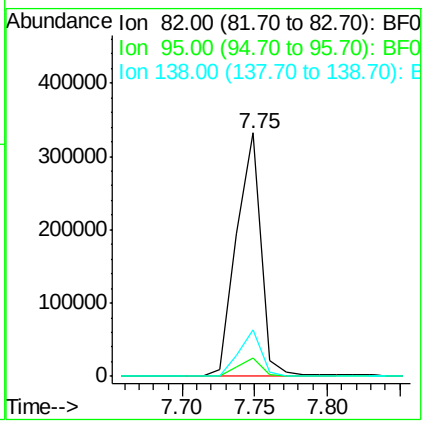




#25
Isophorone
Concen: 39.05 ng
RT: 7.75 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

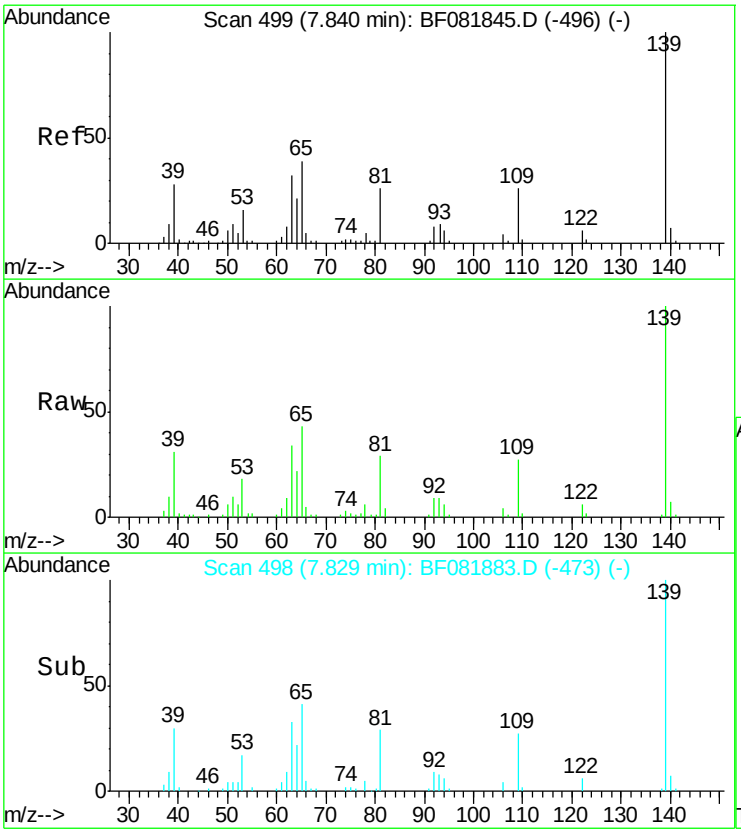
Tgt Ion: 82 Resp: 388828

Ion	Ratio	Lower	Upper
82	100		
95	7.5	4.0	6.0#
138	19.2	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
PB85818BS

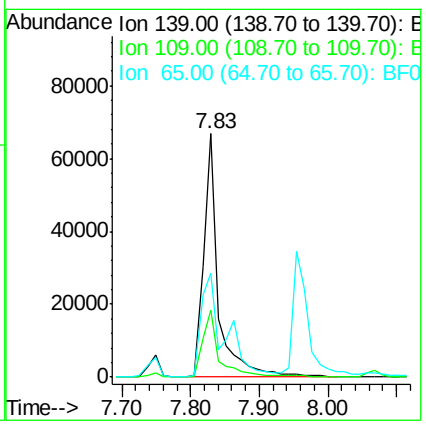
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

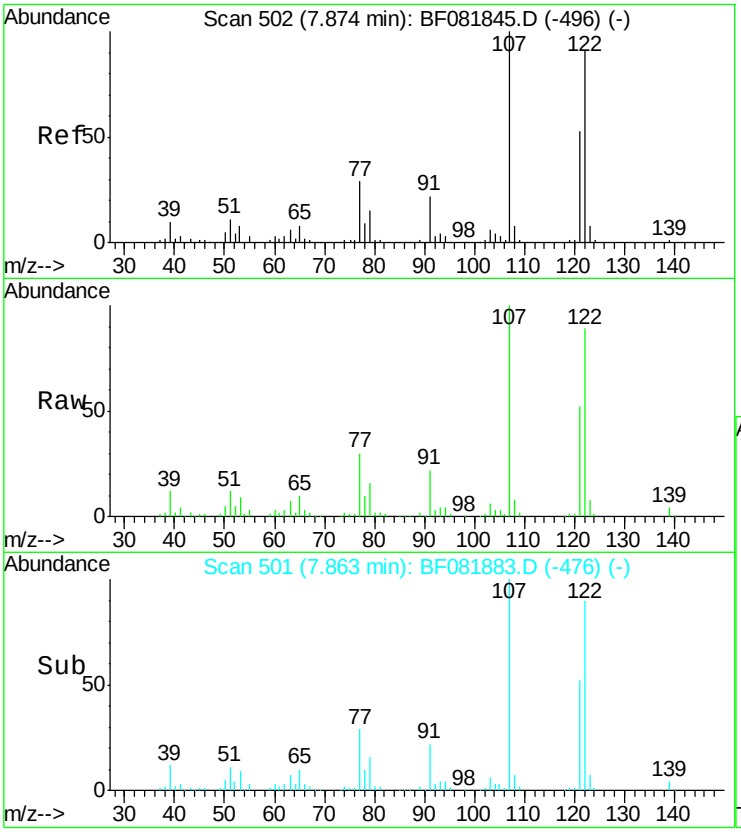


#26
2-Nitrophenol
Concen: 37.83 ng
RT: 7.83 min Scan# 498
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:139 Resp: 99043

Ion	Ratio	Lower	Upper
139	100		
109	27.4	11.0	16.4#
65	42.8	24.7	37.1#





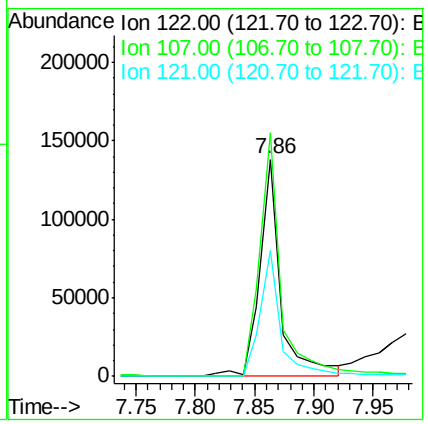
#27
2,4-Dimethylphenol
Concen: 37.44 ng
RT: 7.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

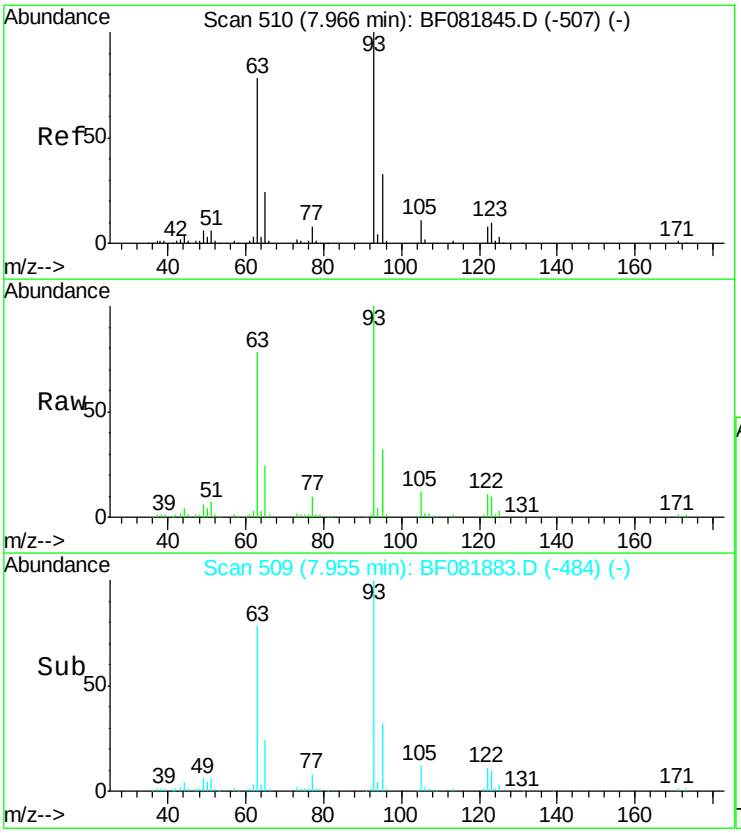
Tgt Ion:122 Resp: 172428

Ion	Ratio	Lower	Upper
122	100		
107	112.3	71.8	107.6#
121	58.2	42.3	63.5

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

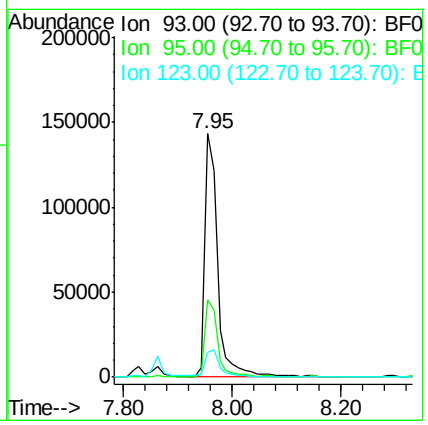


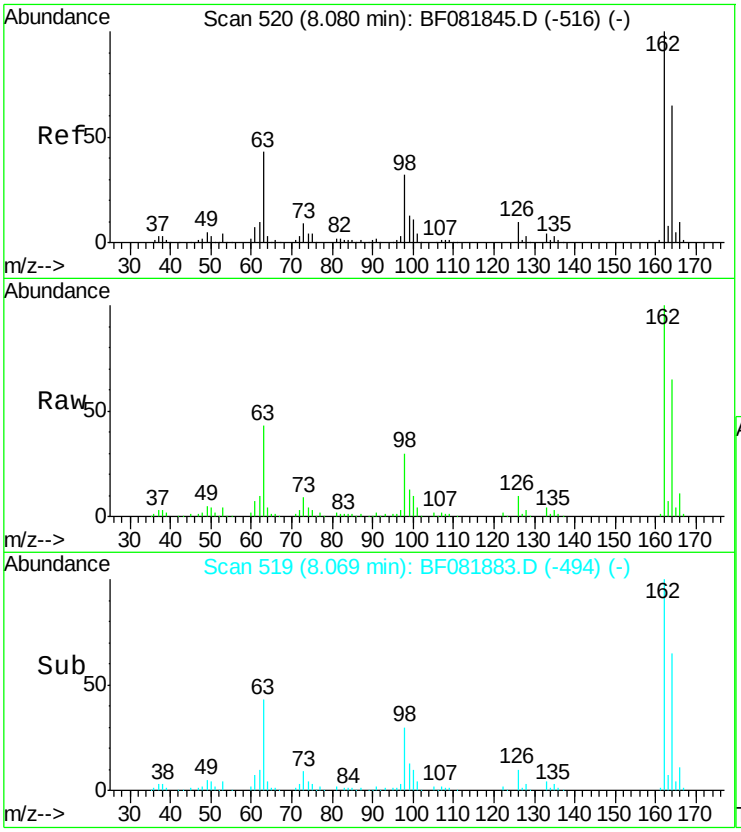


#28
bis(2-Chloroethoxy)methane
Concen: 38.87 ng
RT: 7.95 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 93 Resp: 229788

Ion	Ratio	Lower	Upper
93	100		
95	32.0	27.5	41.3
123	10.3	13.7	20.5#

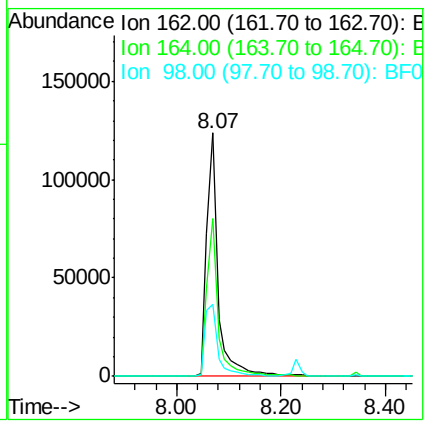




#29
2,4-Dichlorophenol
Concen: 42.33 ng
RT: 8.07 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

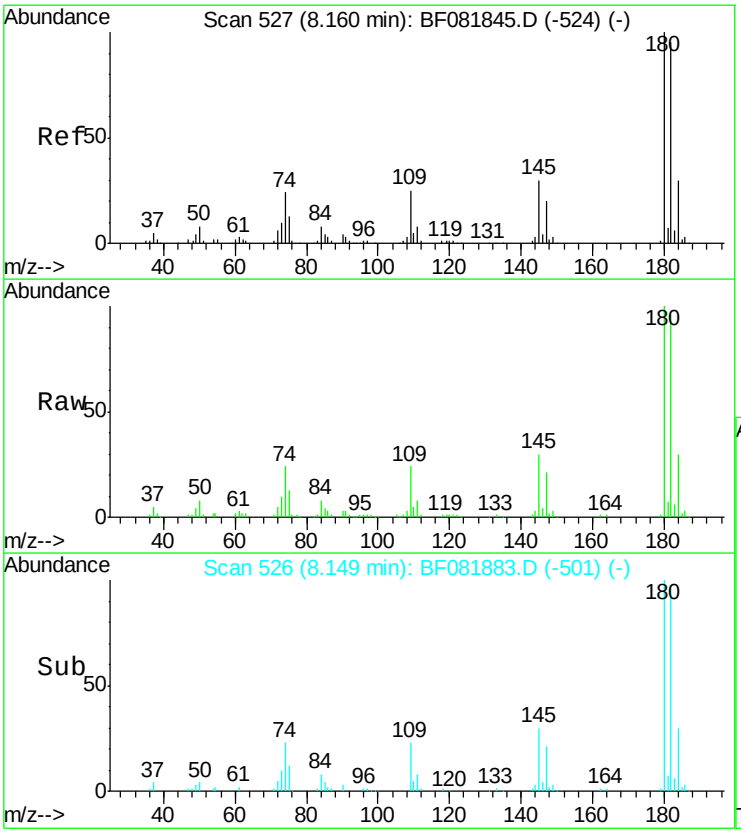
Tgt Ion:162 Resp: 189064

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.9	84.9
98	29.8	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
PB85818BS

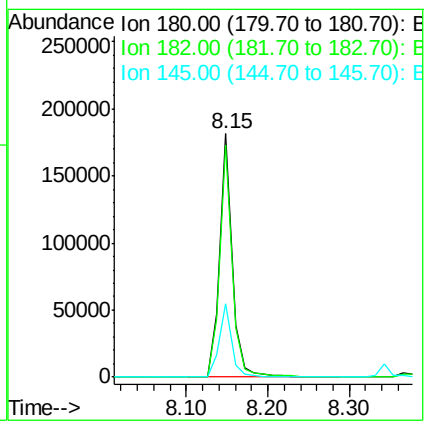
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

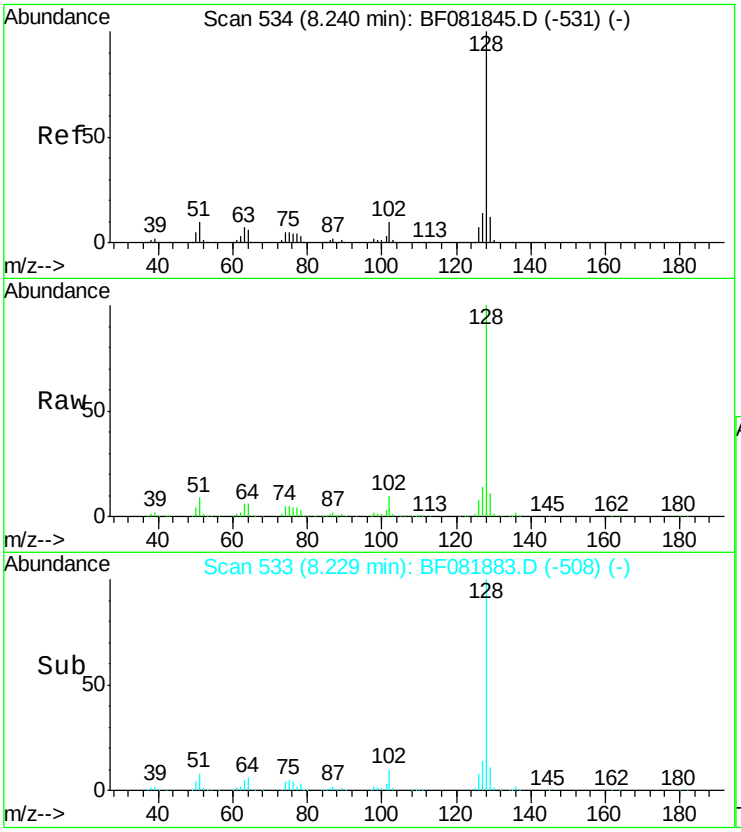


#30
1,2,4-Trichlorobenzene
Concen: 39.06 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:180 Resp: 194773

Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.1	115.7
145	30.3	23.3	34.9

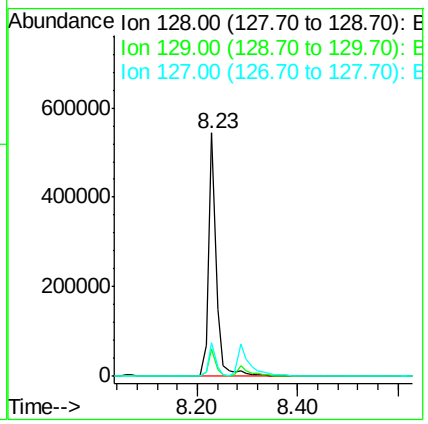




#31
Naphthalene
Concen: 39.42 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

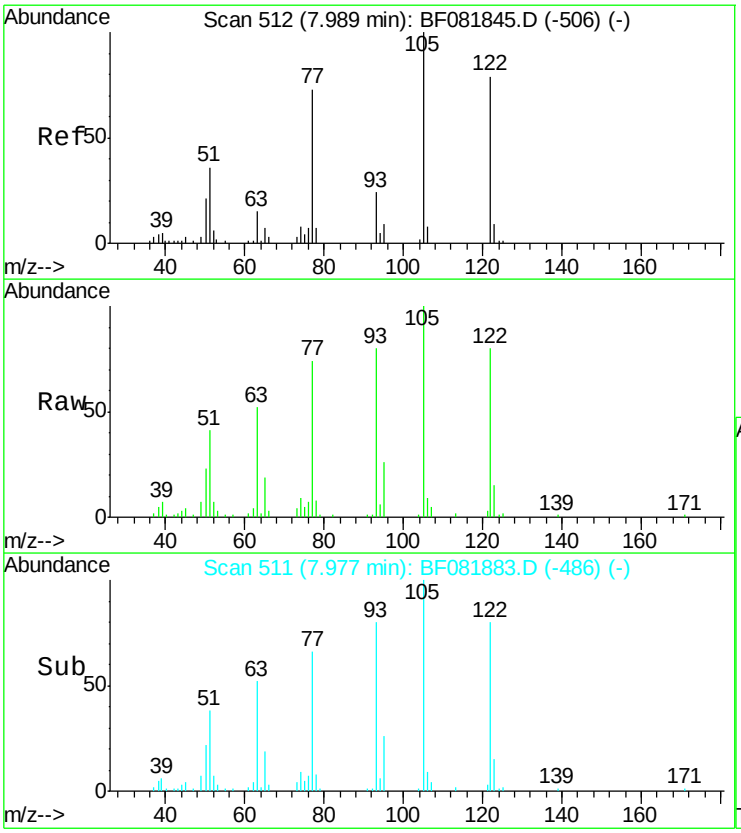
Tgt Ion:128 Resp: 584798

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.4	12.6
127	13.7	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
PB85818BS

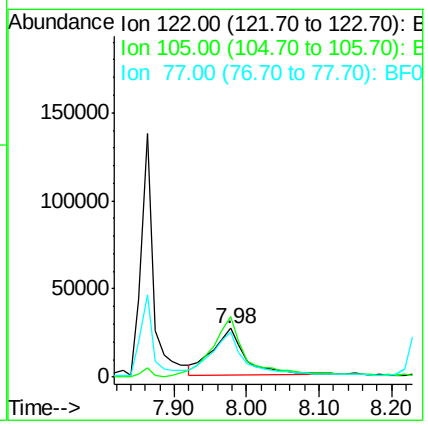
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

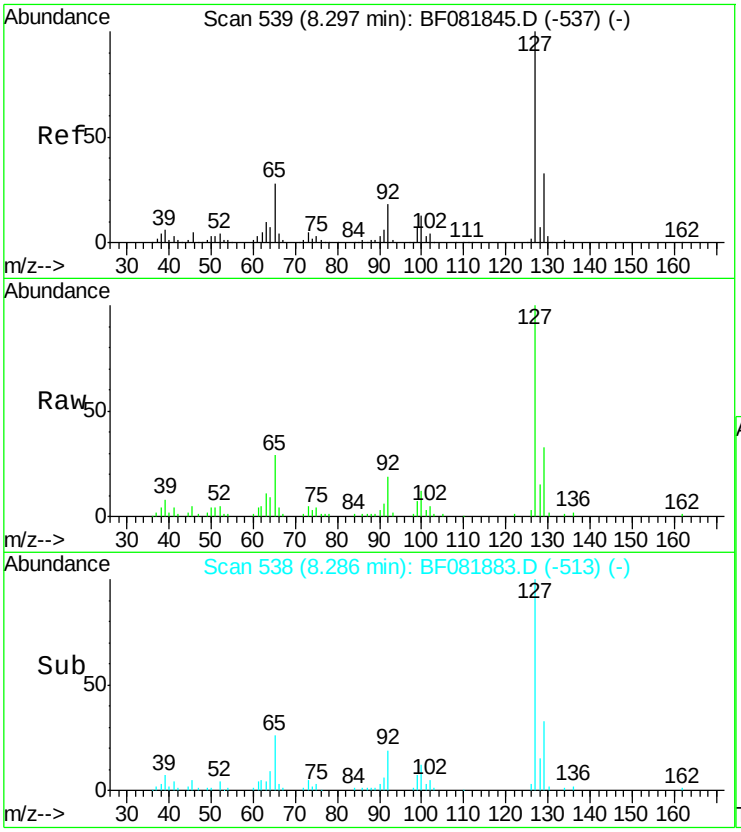


#32
Benzoic acid
Concen: 34.11 ng
RT: 7.98 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:122 Resp: 87080

Ion	Ratio	Lower	Upper
122	100		
105	124.4	76.1	116.1#
77	92.1	40.5	80.5#

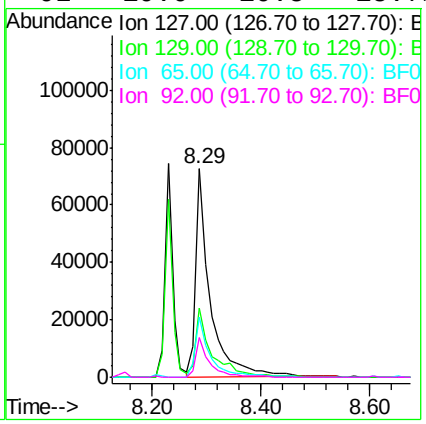




#33
4-Chloroaniline
Concen: 20.51 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

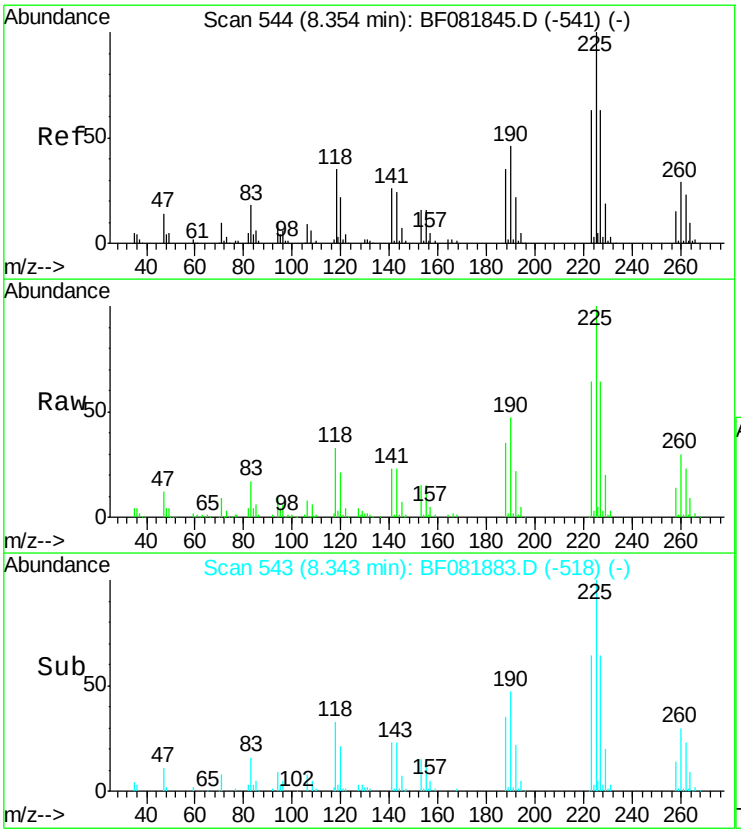
Tgt Ion:127 Resp: 131600

Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.6
65	28.9	17.9	26.9#
92	19.0	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

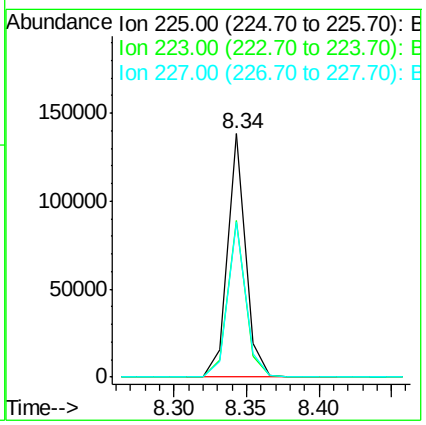
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

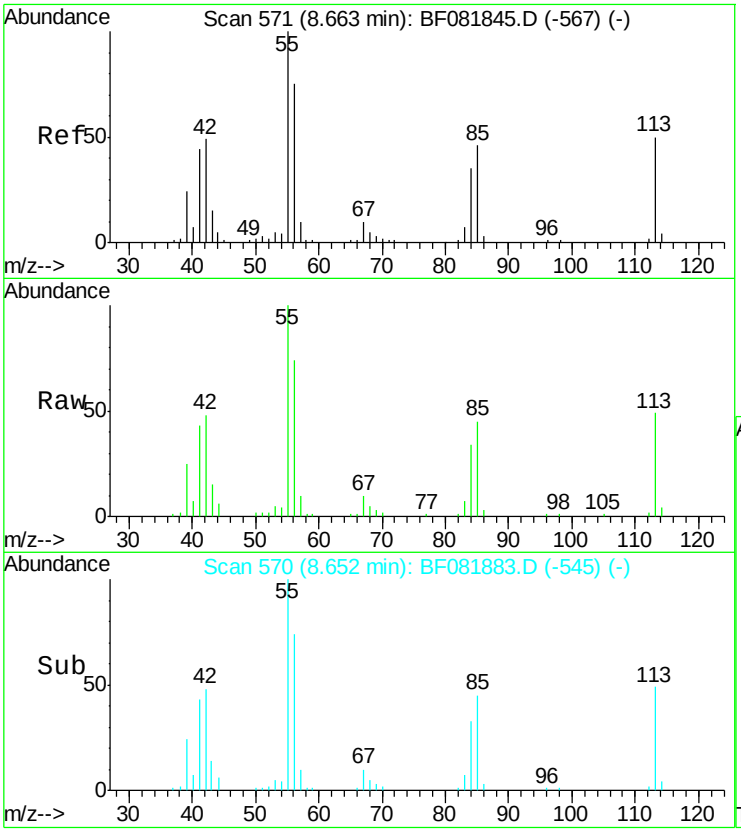


#34
Hexachlorobutadiene
Concen: 40.65 ng
RT: 8.34 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:225 Resp: 119868

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.2
227	63.8	52.2	78.2

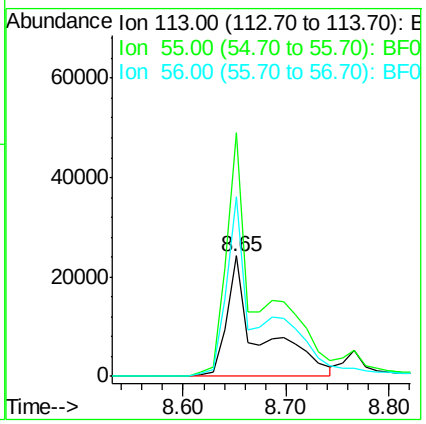




#35
Caprolactam
Concen: 43.93 ng m
RT: 8.65 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

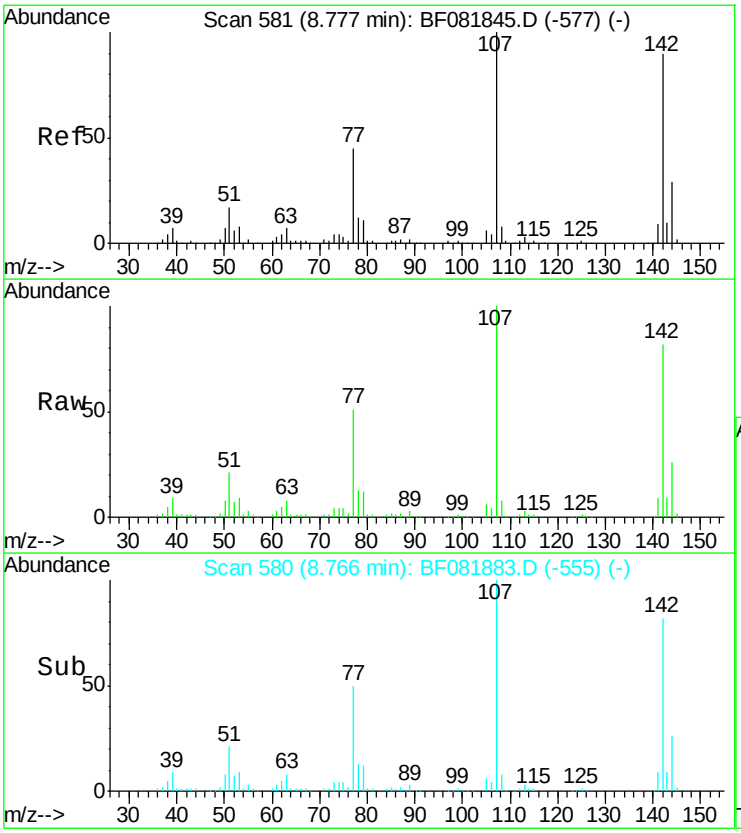
Tgt Ion:113 Resp: 54313

Ion	Ratio	Lower	Upper
113	100		
55	202.4	152.4	192.4#
56	149.6	104.6	144.6#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

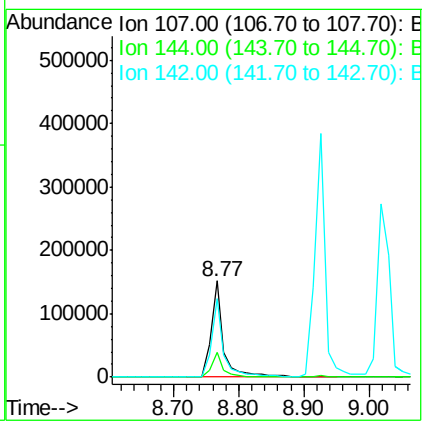
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

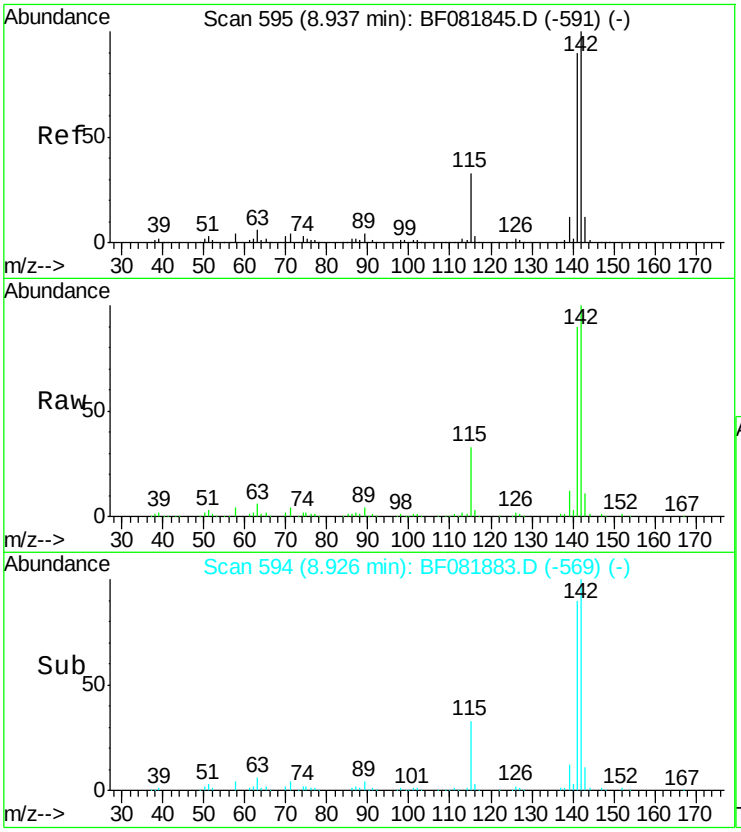


#36
4-Chloro-3-methylphenol
Concen: 46.51 ng
RT: 8.77 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:107 Resp: 203128

Ion	Ratio	Lower	Upper
107	100		
144	25.9	25.4	38.0
142	81.6	77.3	115.9

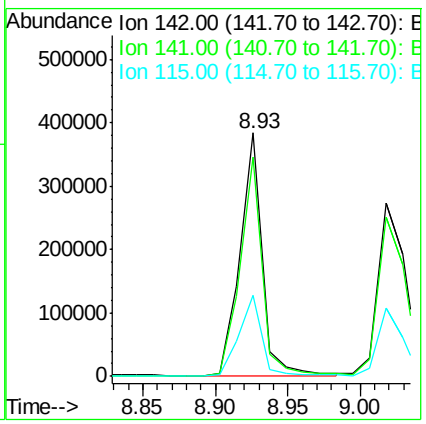




#37
2-Methylnaphthalene
Concen: 40.79 ng
RT: 8.93 min Scan# 594
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

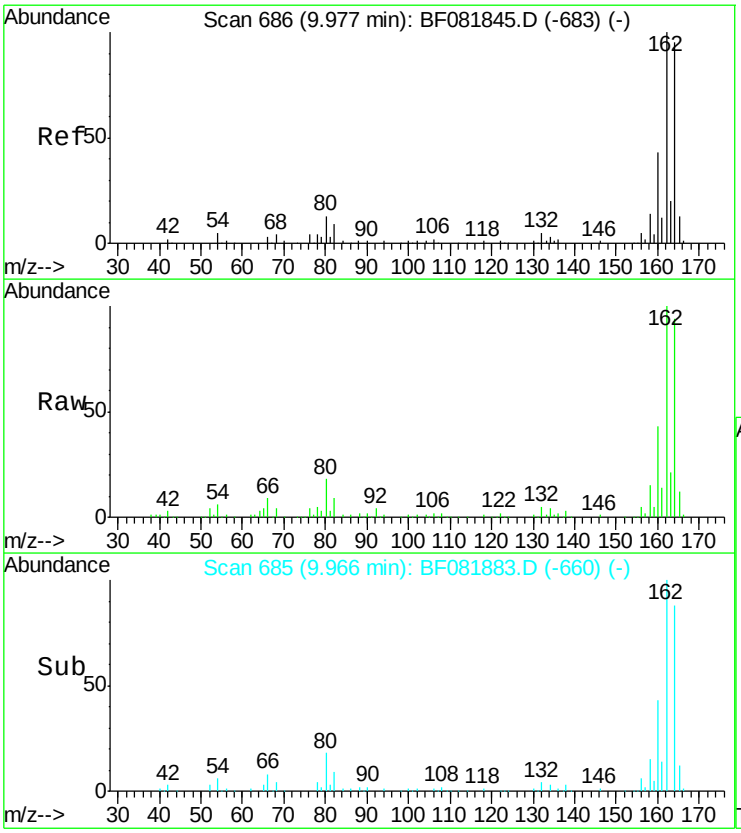
Tgt Ion:142 Resp: 413157

Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.5	101.3
115	33.4	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

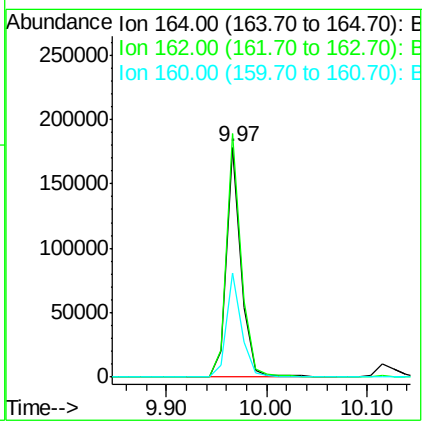
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

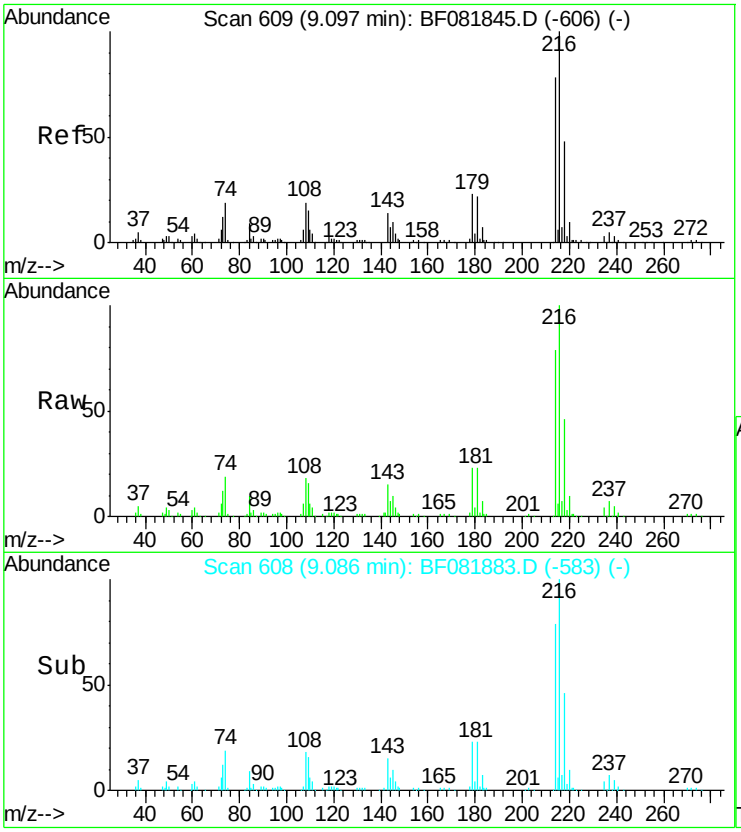


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:164 Resp: 181996

Ion	Ratio	Lower	Upper
164	100		
162	105.9	75.2	112.8
160	45.3	31.5	47.3

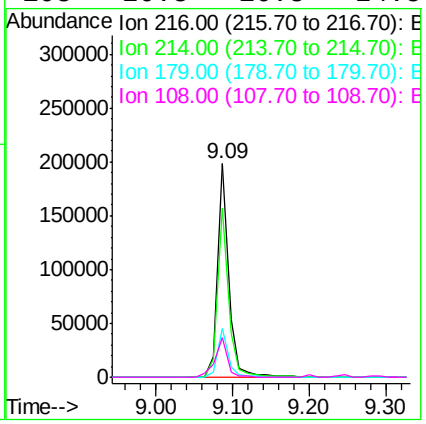




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.23 ng
RT: 9.09 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

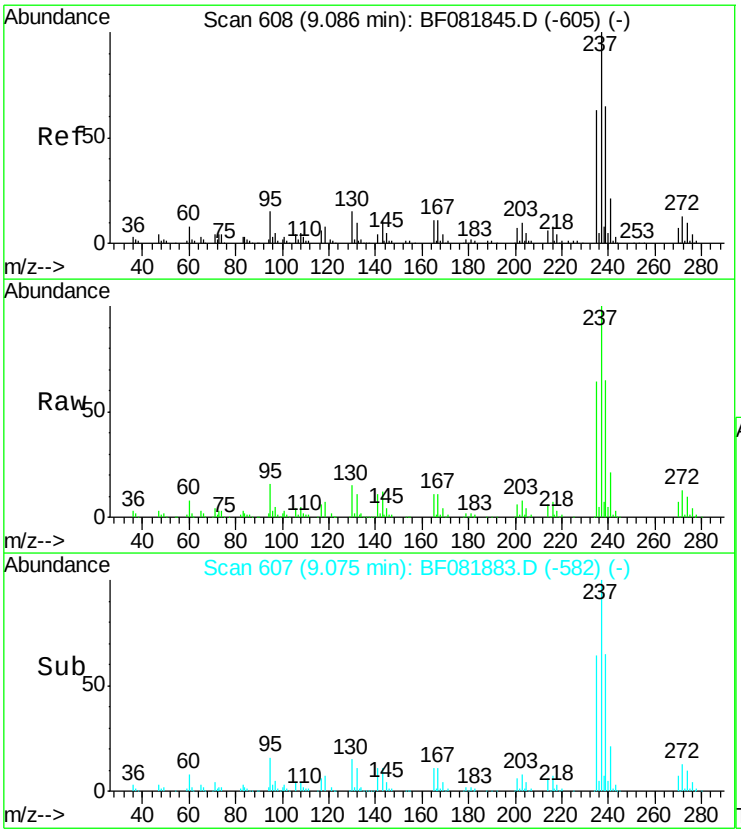
Tgt Ion:216 Resp: 202438

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.5	95.3
179	21.9	16.6	24.8
108	20.8	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
PB85818BS

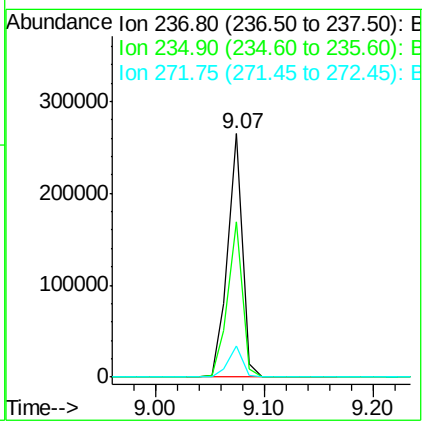
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

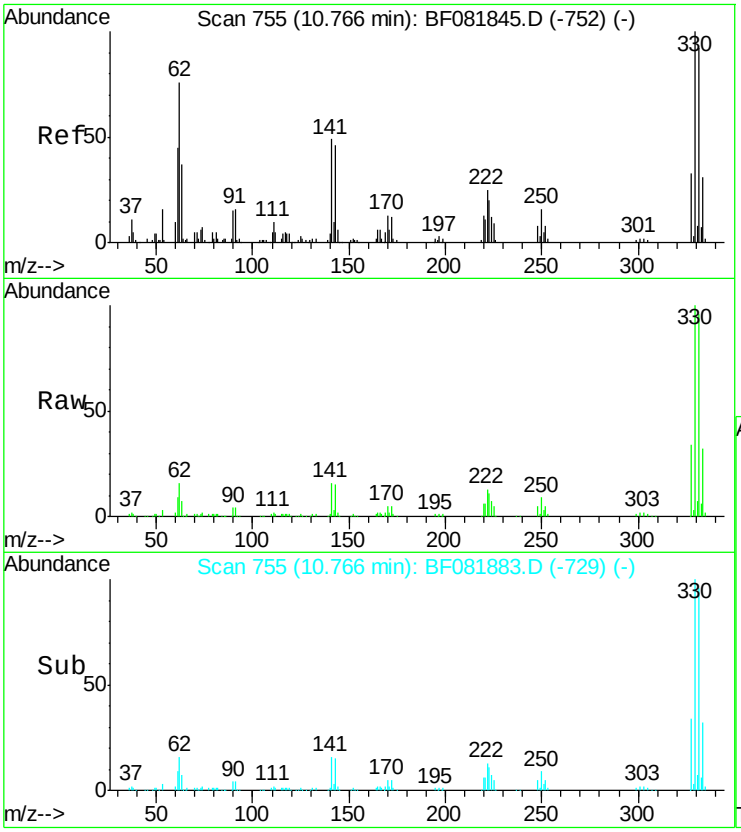


#40
Hexachlorocyclopentadiene
Concen: 86.56 ng
RT: 9.07 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:237 Resp: 249055

Ion	Ratio	Lower	Upper
237	100		
235	63.9	42.0	82.0
272	12.6	0.0	36.1

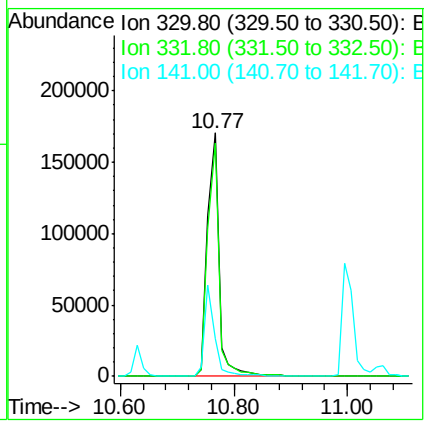




#41
2,4,6-Tribromophenol
Concen: 125.85 ng
RT: 10.77 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

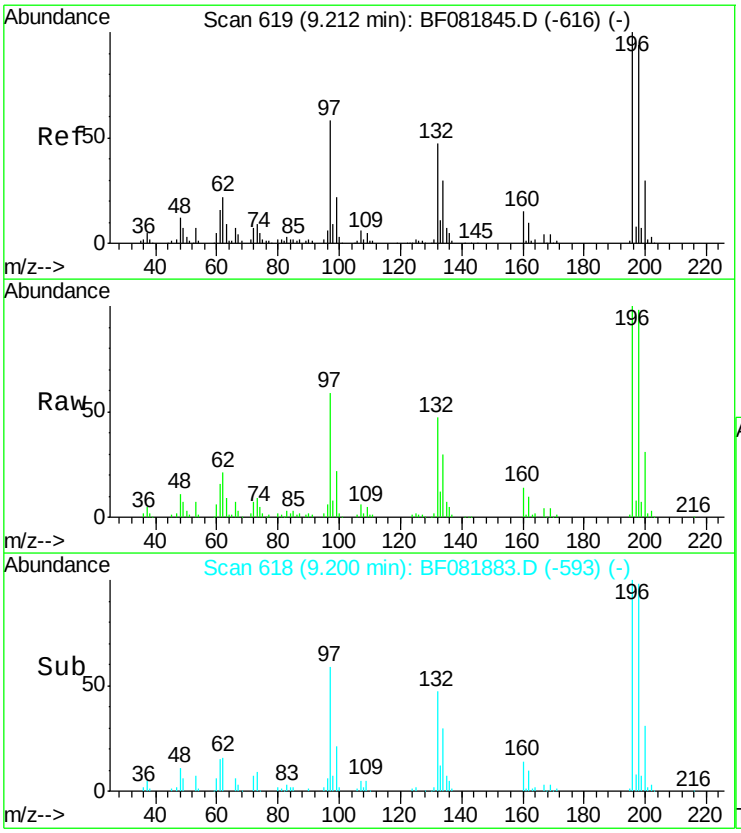
Tgt Ion:330 Resp: 231963

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	114.8
141	33.4	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
PB85818BS

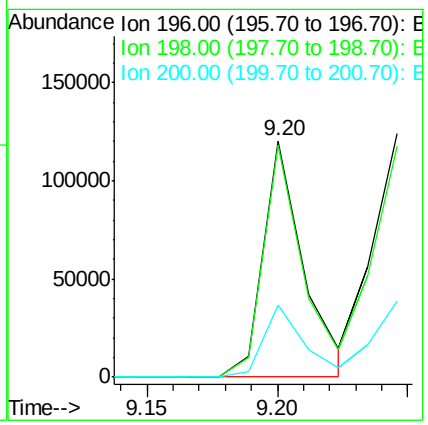
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

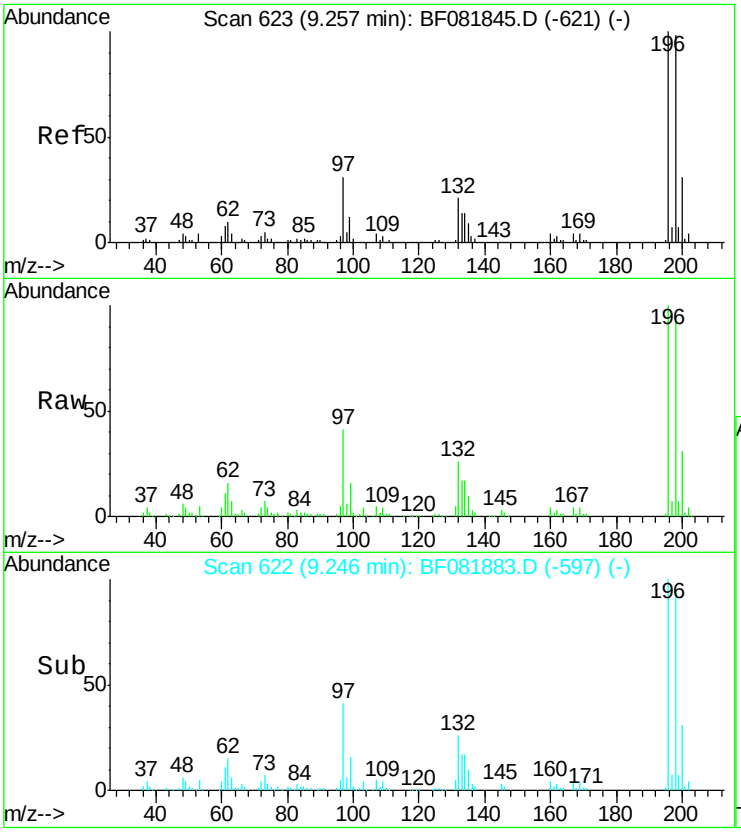


#42
2,4,6-Trichlorophenol
Concen: 33.67 ng
RT: 9.20 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:196 Resp: 128987

Ion	Ratio	Lower	Upper
196	100		
198	97.9	75.7	113.5
200	30.7	23.9	35.9

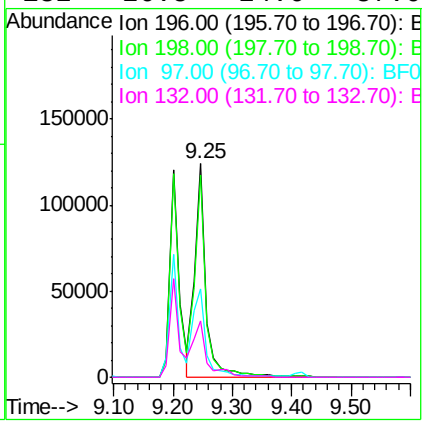




#43
2,4,5-Trichlorophenol
Concen: 43.18 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

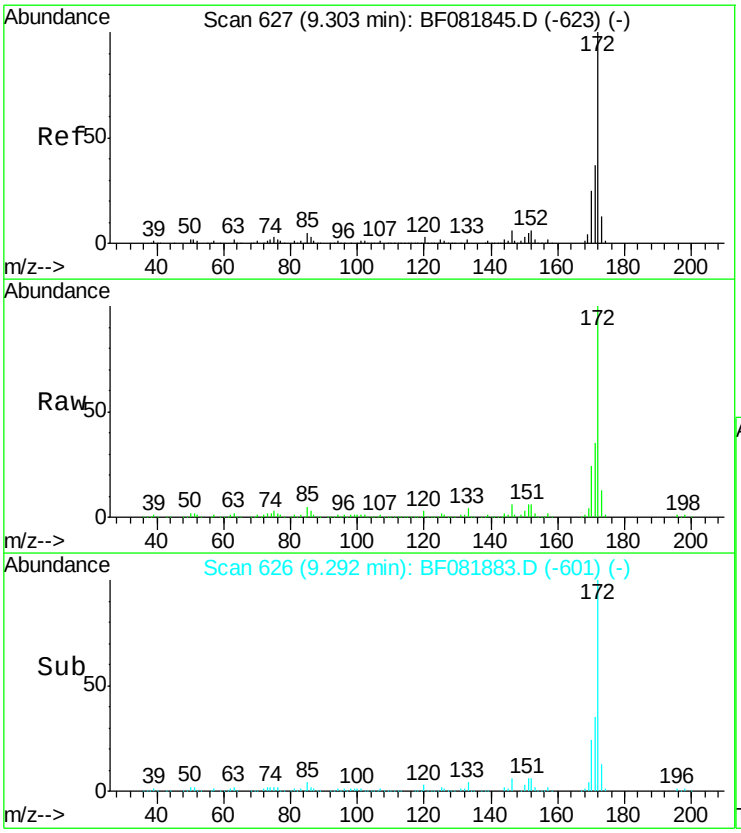
Tgt Ion:196 Resp: 170076

Ion	Ratio	Lower	Upper
196	100		
198	94.6	75.4	113.0
97	41.1	33.3	49.9
132	26.5	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
PB85818BS

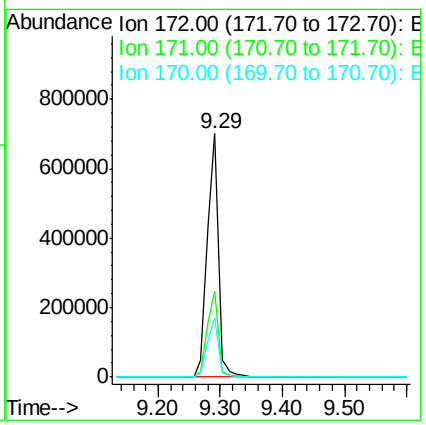
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

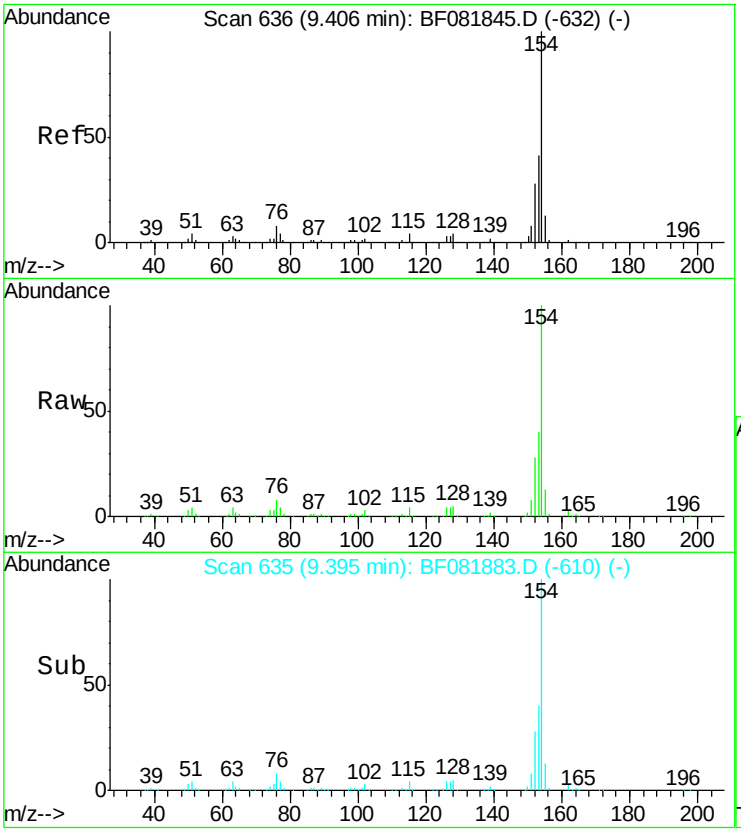


#44
2-Fluorobiphenyl
Concen: 80.29 ng
RT: 9.29 min Scan# 626
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:172 Resp: 882701

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.4	17.4	26.2

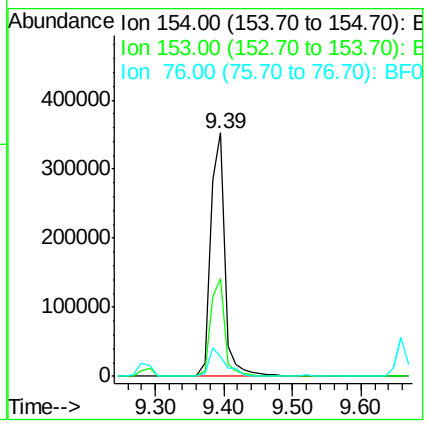




#45
1,1'-Biphenyl
Concen: 36.40 ng
RT: 9.39 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

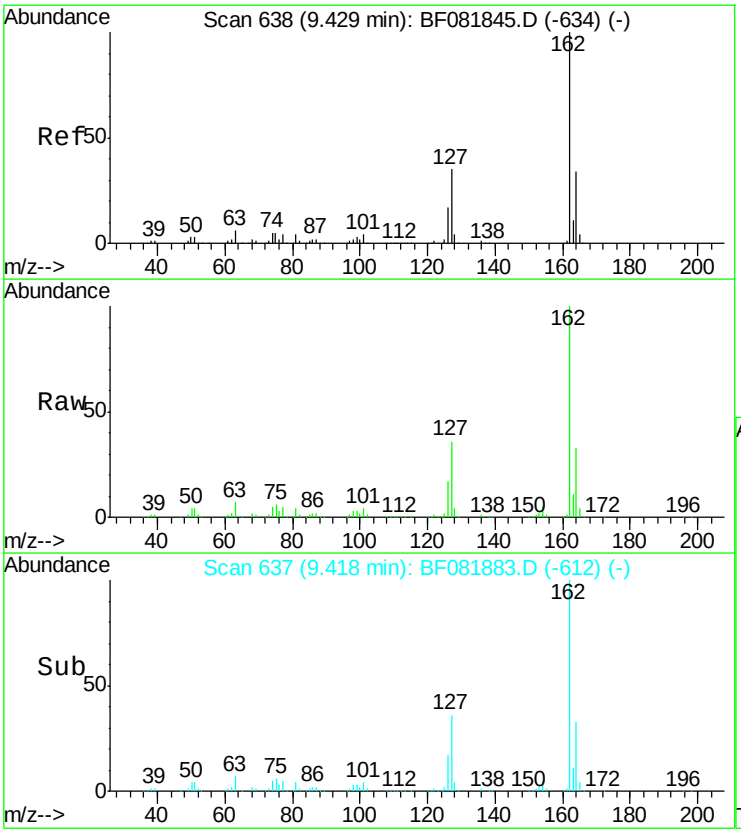
Tgt Ion:154 Resp: 511098

Ion	Ratio	Lower	Upper
154	100		
153	40.0	17.1	57.1
76	8.2	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
PB85818BS

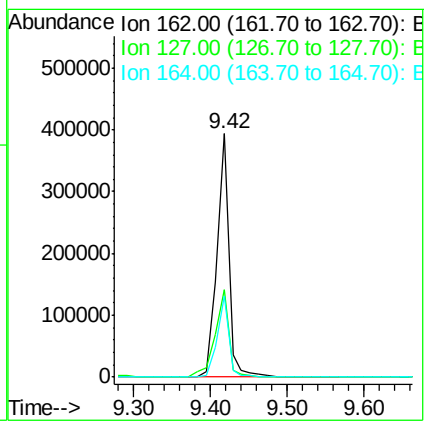
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

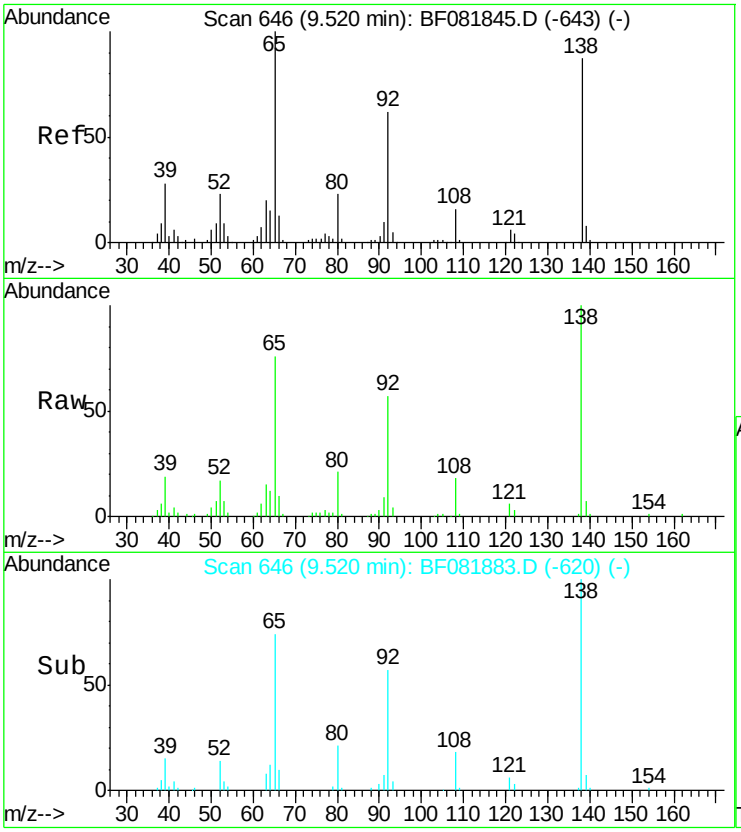


#46
2-Chloronaphthalene
Concen: 38.67 ng
RT: 9.42 min Scan# 637
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:162 Resp: 426345

Ion	Ratio	Lower	Upper
162	100		
127	35.8	27.6	41.4
164	33.3	25.4	38.2

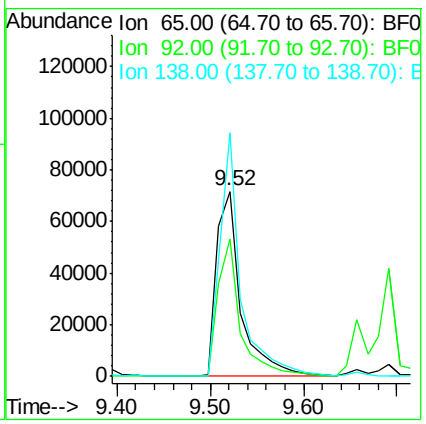




#47
2-Nitroaniline
Concen: 40.45 ng
RT: 9.52 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

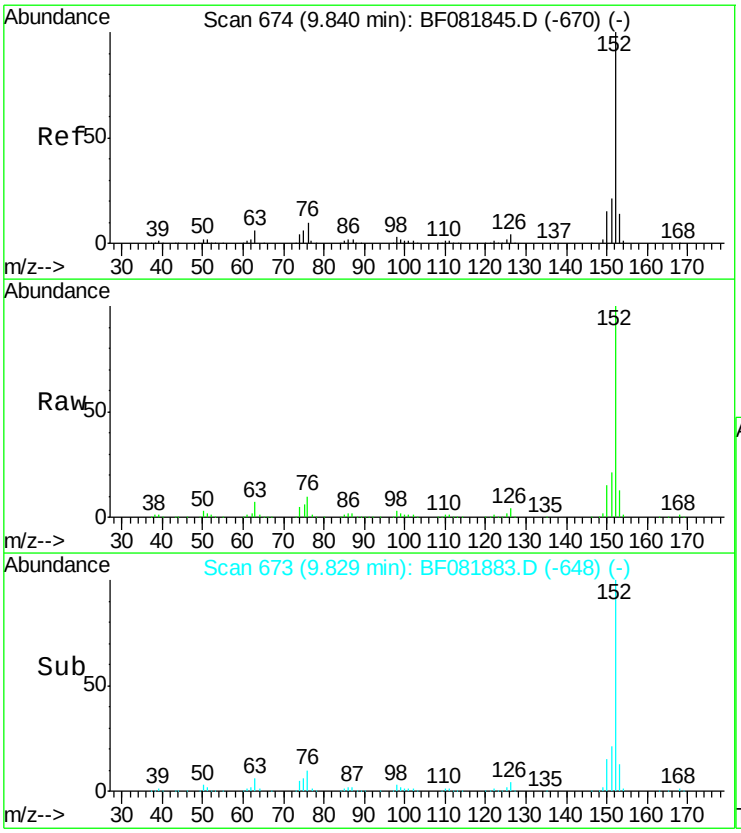
Tgt Ion: 65 Resp: 130906

Ion	Ratio	Lower	Upper
65	100		
92	74.4	55.4	83.0
138	131.6	115.5	173.3



Instrument :
BNA_F
ClientSampleId :
PB85818BS

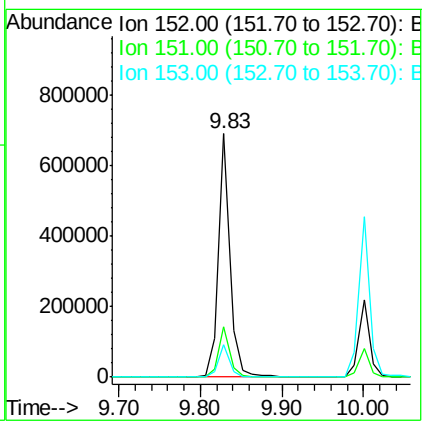
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

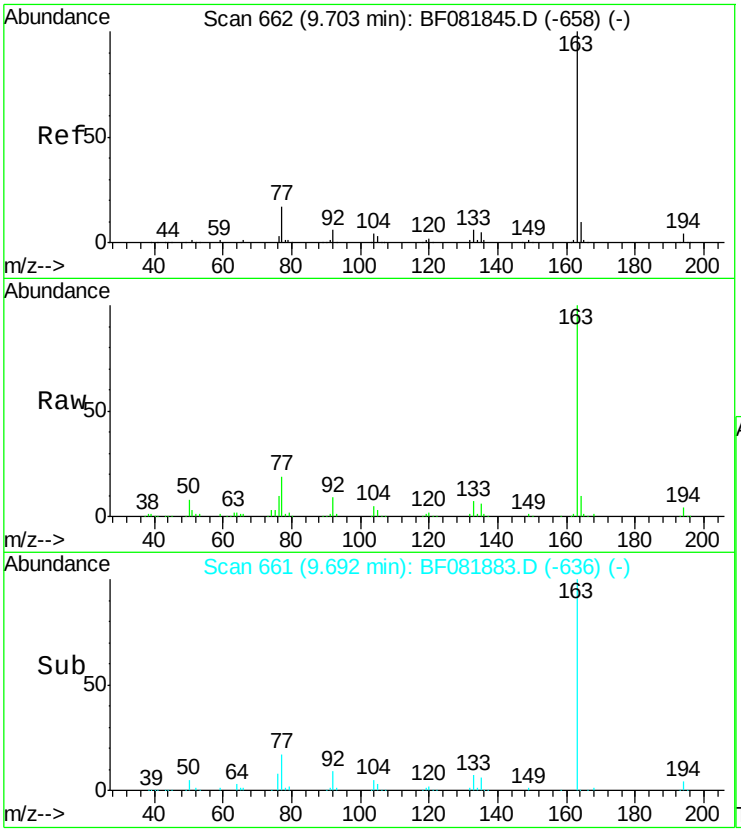


#48
Acenaphthylene
Concen: 38.35 ng
RT: 9.83 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:152 Resp: 676735

Ion	Ratio	Lower	Upper
152	100		
151	20.7	14.6	22.0
153	13.4	10.3	15.5

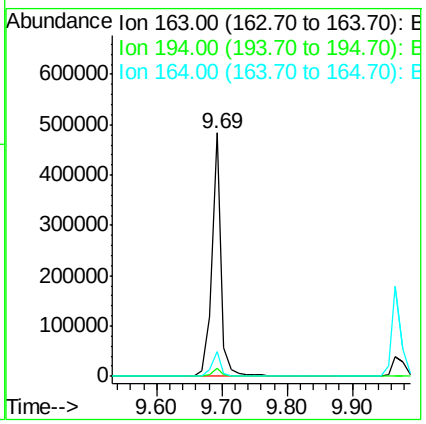




#49
Dimethylphthalate
Concen: 38.72 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

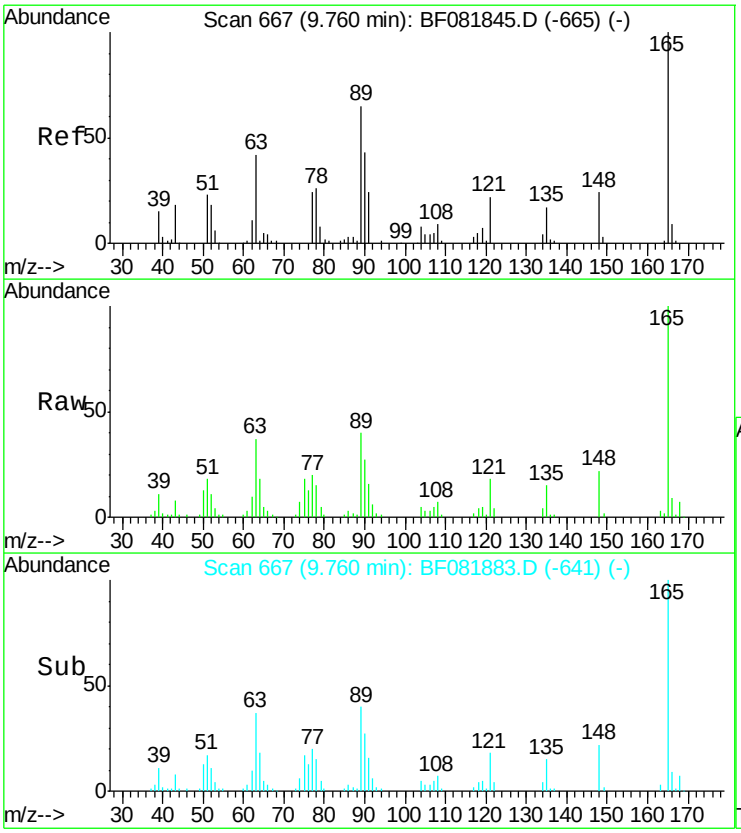
Tgt Ion:163 Resp: 486422

Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.4	6.6#
164	10.3	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
PB85818BS

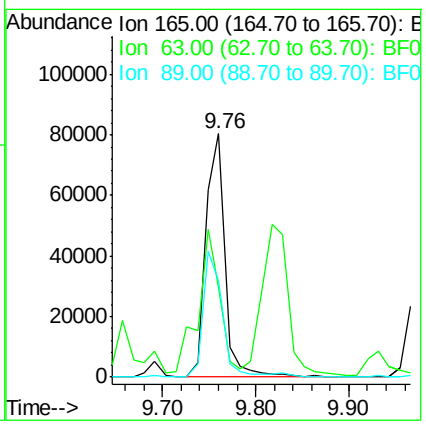
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

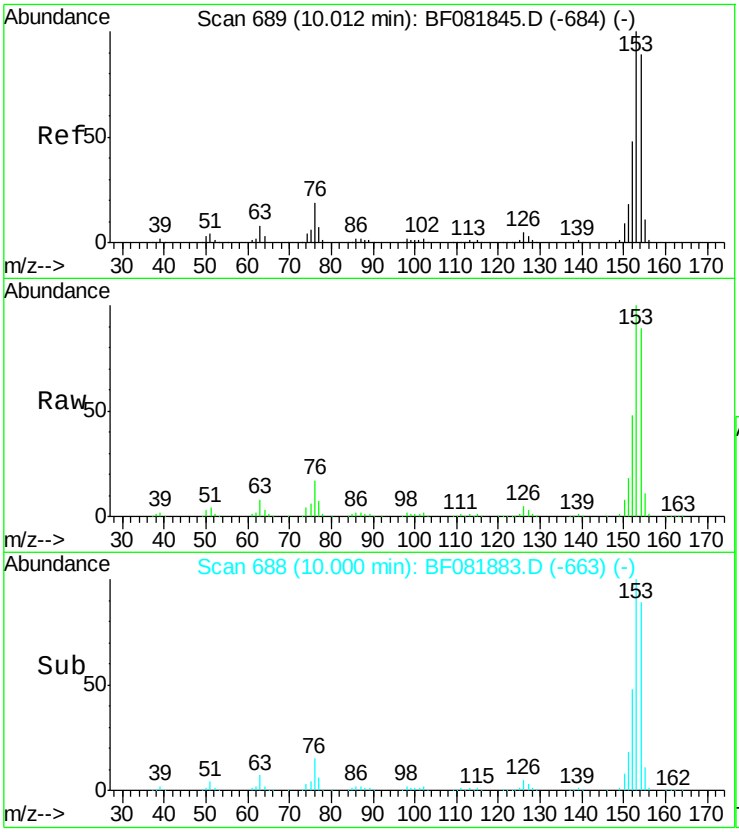


#50
2,6-Dinitrotoluene
Concen: 41.97 ng
RT: 9.76 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:165 Resp: 114473

Ion	Ratio	Lower	Upper
165	100		
63	37.1	32.3	48.5
89	39.6	28.6	43.0

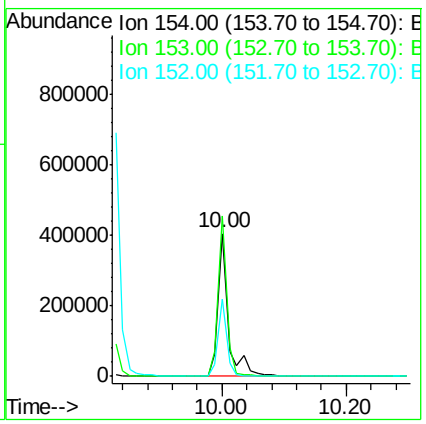




#51
Acenaphthene
Concen: 43.86 ng
RT: 10.00 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

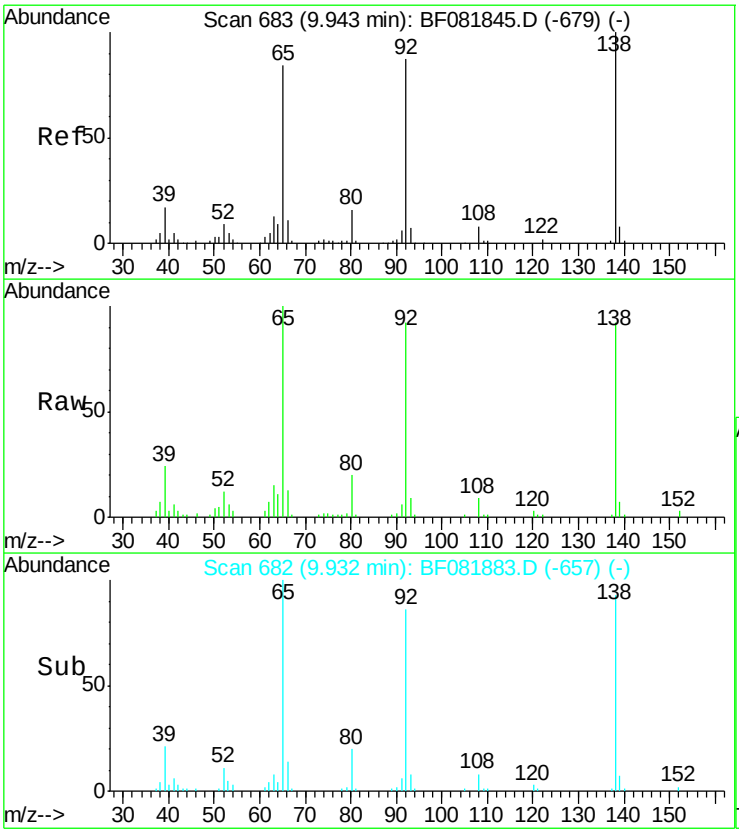
Tgt Ion:154 Resp: 459622

Ion	Ratio	Lower	Upper
154	100		
153	112.0	82.1	123.1
152	54.3	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
PB85818BS

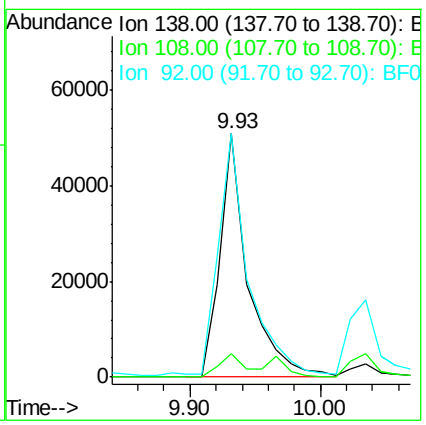
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

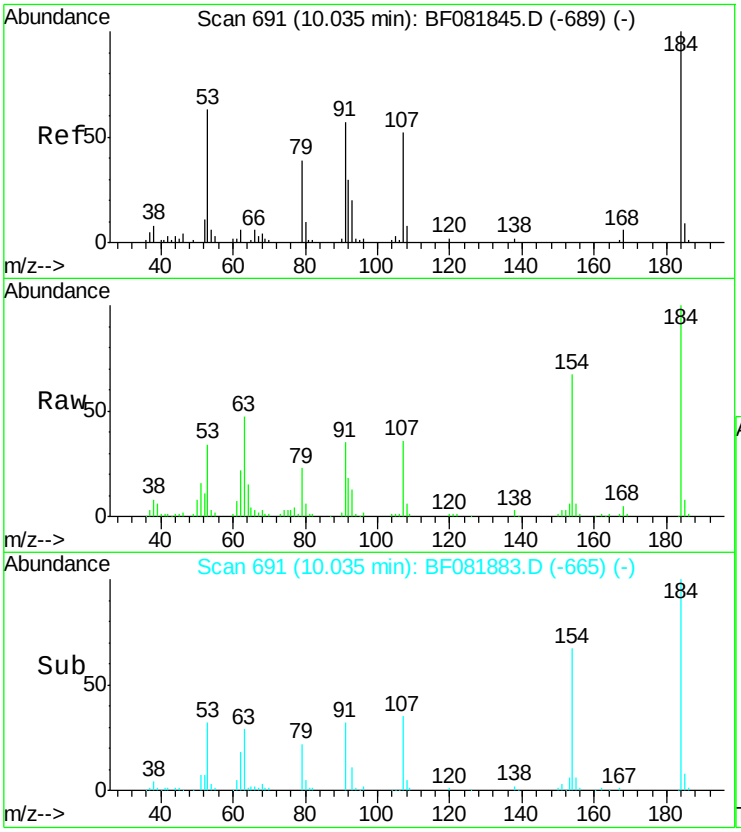


#52
3-Nitroaniline
Concen: 24.37 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:138 Resp: 76896

Ion	Ratio	Lower	Upper
138	100		
108	9.6	5.7	8.5#
92	100.1	67.7	101.5





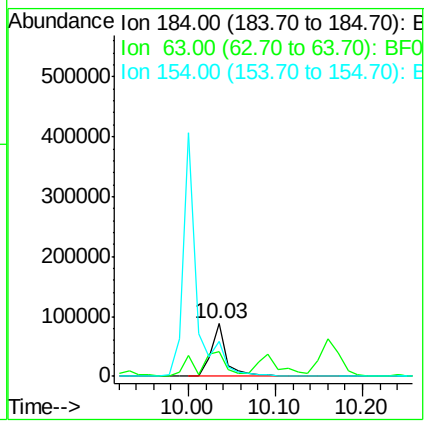
#53
2,4-Dinitrophenol
Concen: 81.27 ng
RT: 10.03 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

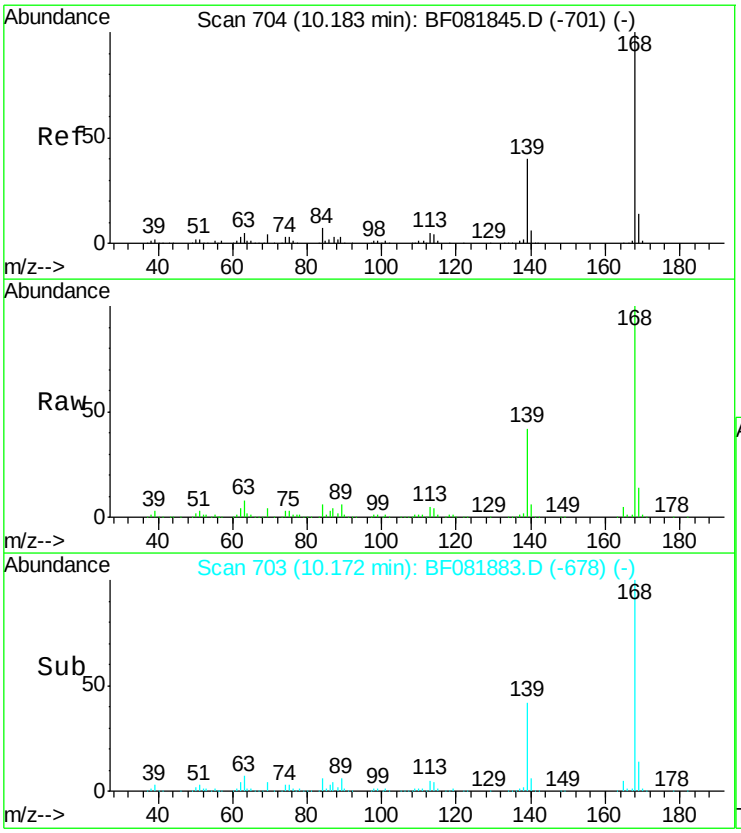
Tgt Ion:184 Resp: 109195

Ion	Ratio	Lower	Upper
184	100		
63	46.8	35.4	53.2
154	67.1	32.2	48.4#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

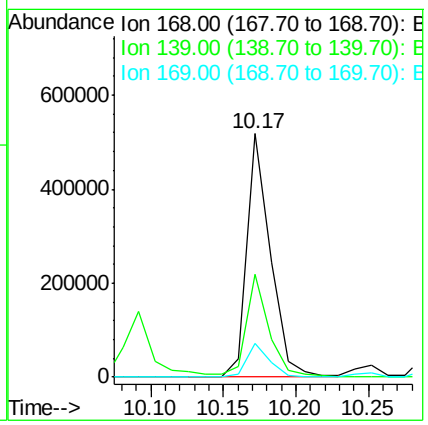


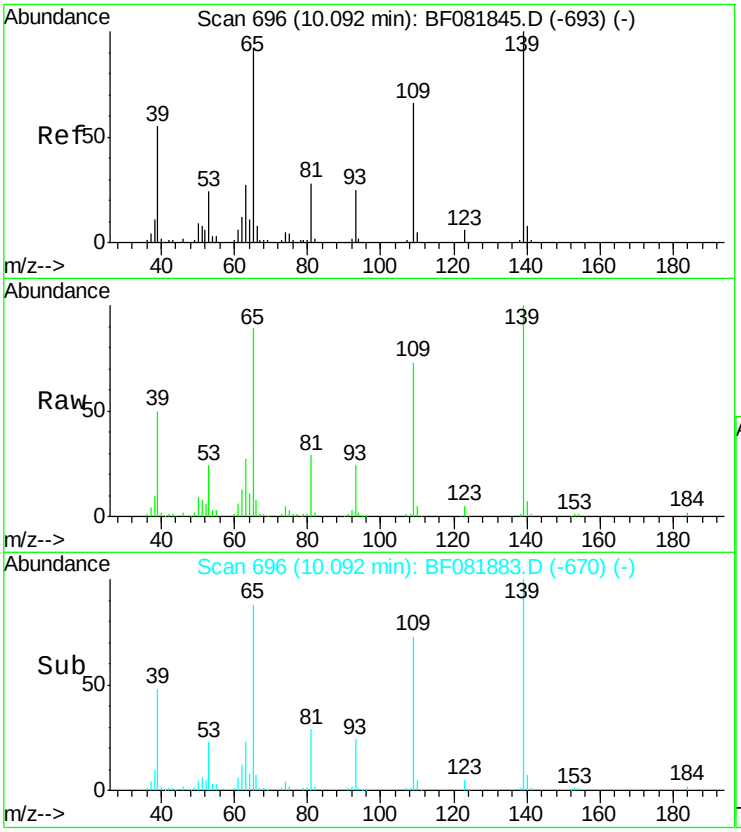


#54
Dibenzofuran
Concen: 39.60 ng
RT: 10.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:168 Resp: 586450

Ion	Ratio	Lower	Upper
168	100		
139	42.4	24.2	36.2#
169	13.6	10.6	15.8





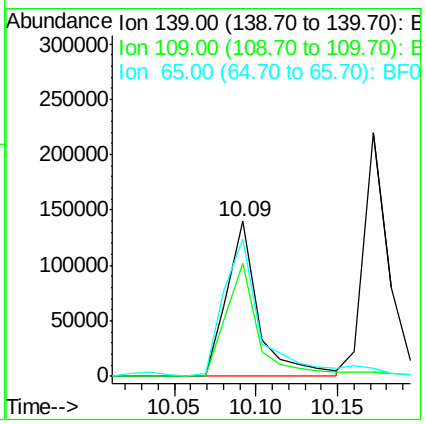
#55
4-Nitrophenol
Concen: 82.92 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

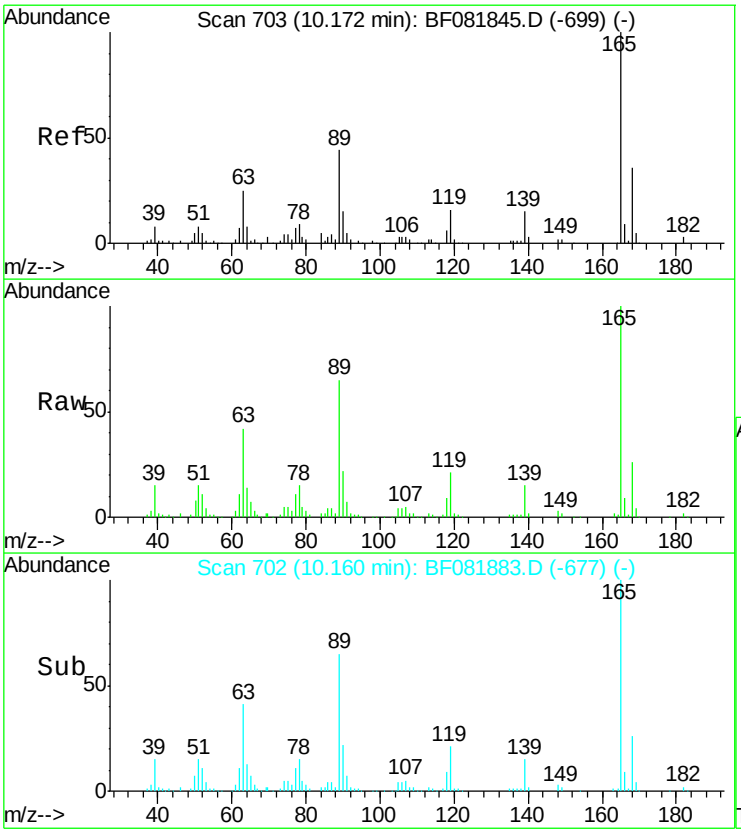
Tgt Ion:139 Resp: 189048

Ion	Ratio	Lower	Upper
139	100		
109	72.9	12.7	52.7#
65	88.6	45.9	85.9#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

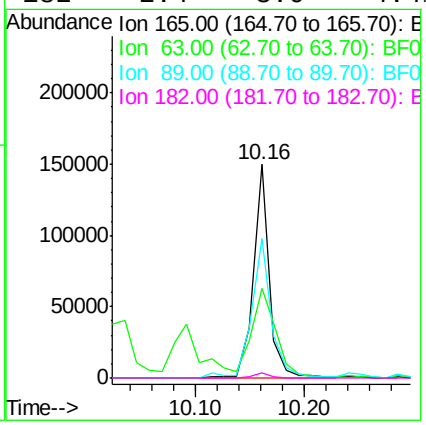


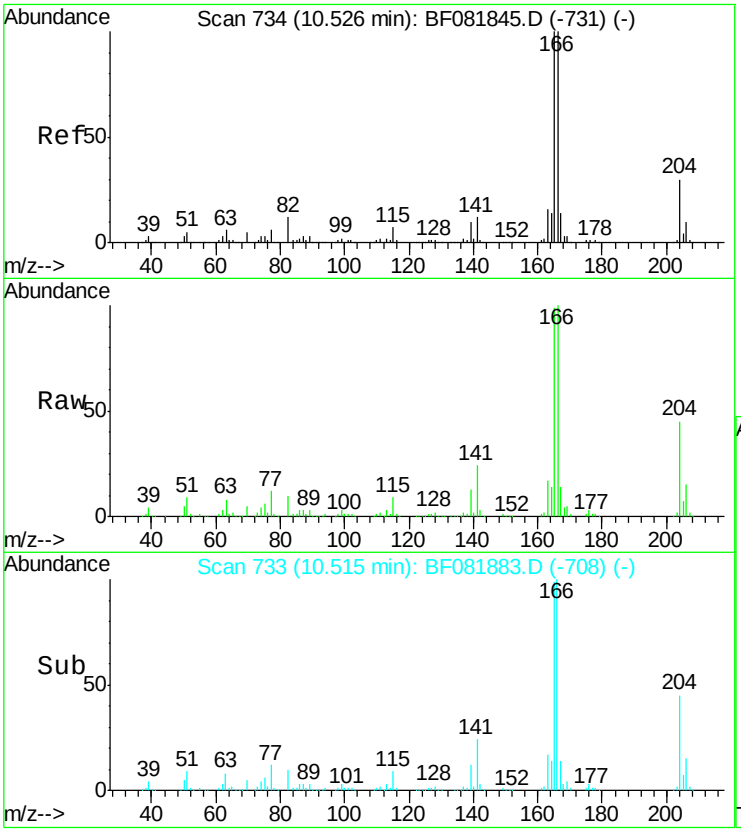


#56
2,4-Dinitrotoluene
Concen: 44.31 ng
RT: 10.16 min Scan# 702
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:165 Resp: 154057

Ion	Ratio	Lower	Upper
165	100		
63	41.9	29.8	44.6
89	65.1	44.5	66.7
182	2.4	3.0	4.4#

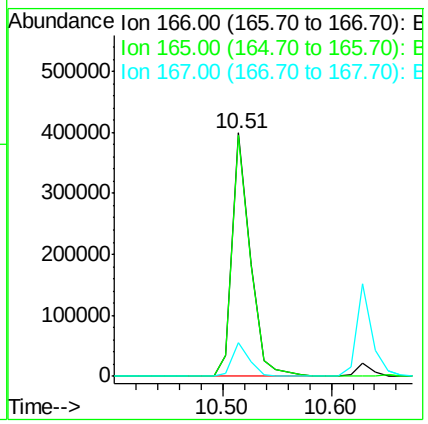




#57
Fluorene
Concen: 43.06 ng
RT: 10.51 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

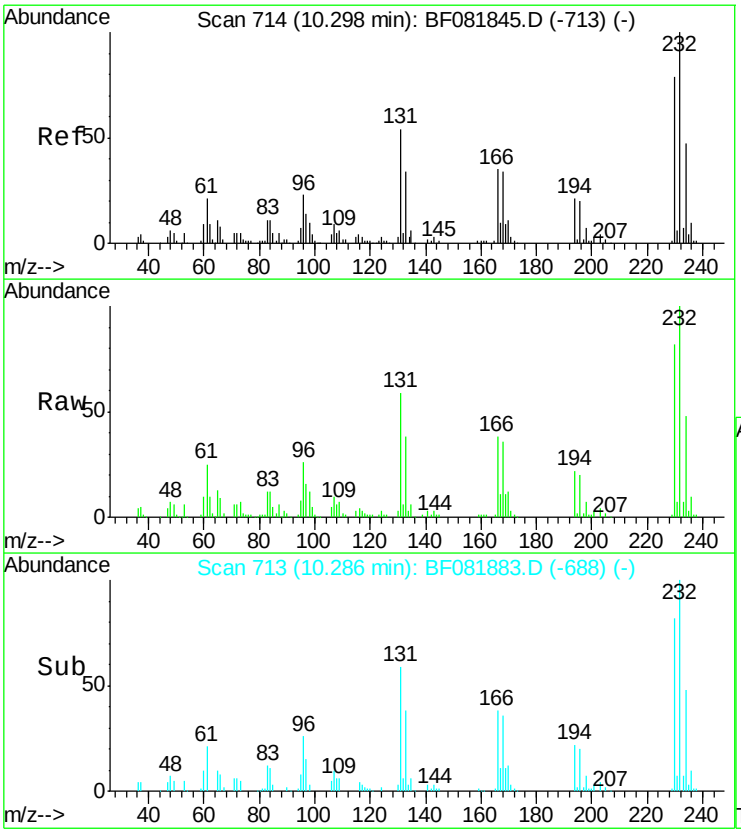
Tgt Ion:166 Resp: 456971

Ion	Ratio	Lower	Upper
166	100		
165	98.8	72.6	109.0
167	14.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB85818BS

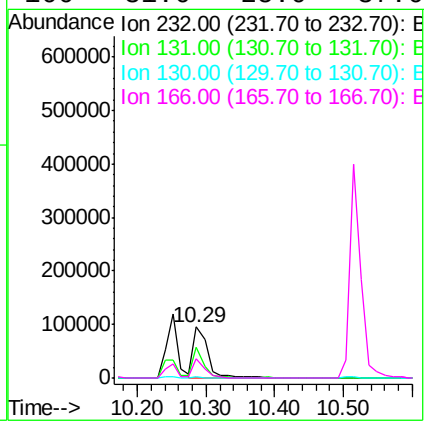
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

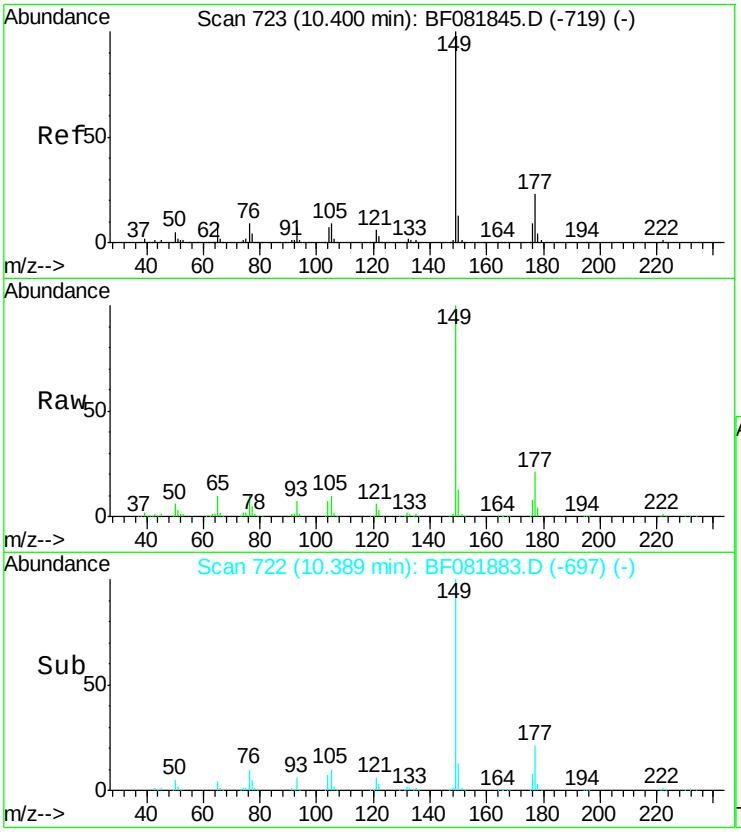


#58
2,3,4,6-Tetrachlorophenol
Concen: 44.21 ng
RT: 10.29 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:232 Resp: 138142

Ion	Ratio	Lower	Upper
232	100		
131	45.1	38.5	57.7
130	1.9	1.8	2.6
166	31.6	25.0	37.6

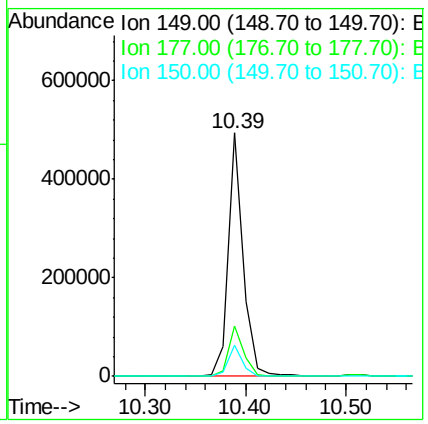




#59
Diethylphthalate
Concen: 43.43 ng
RT: 10.39 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

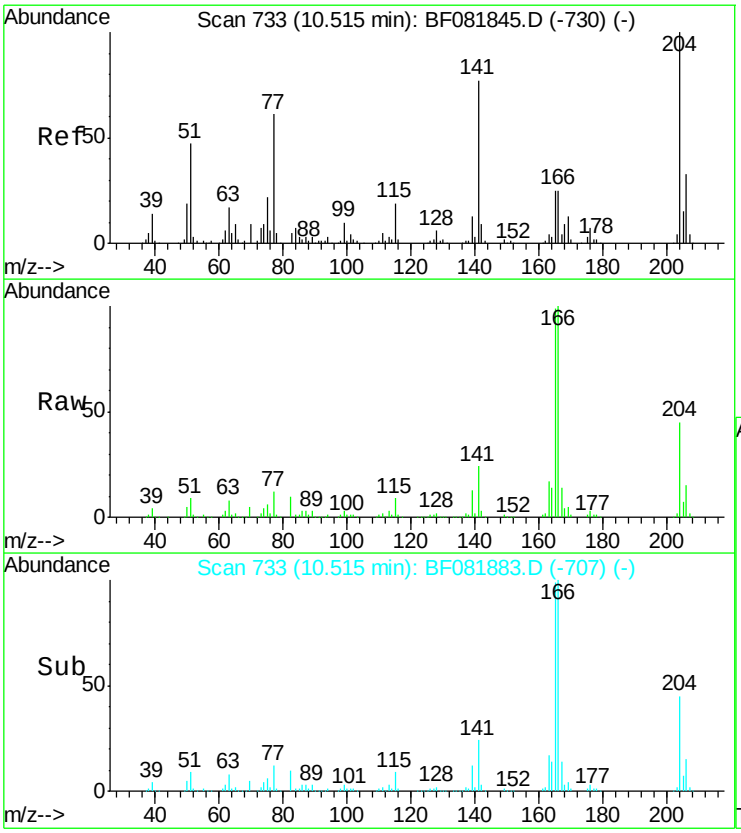
Tgt Ion:149 Resp: 509669

Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.5	26.3
150	12.7	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
PB85818BS

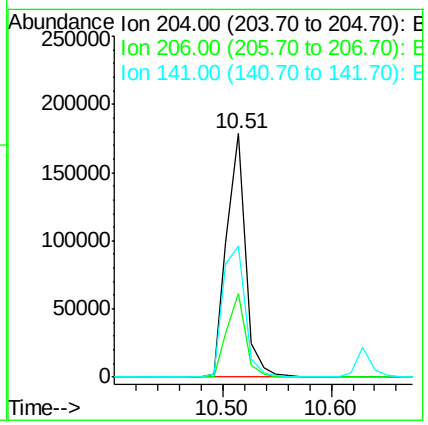
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

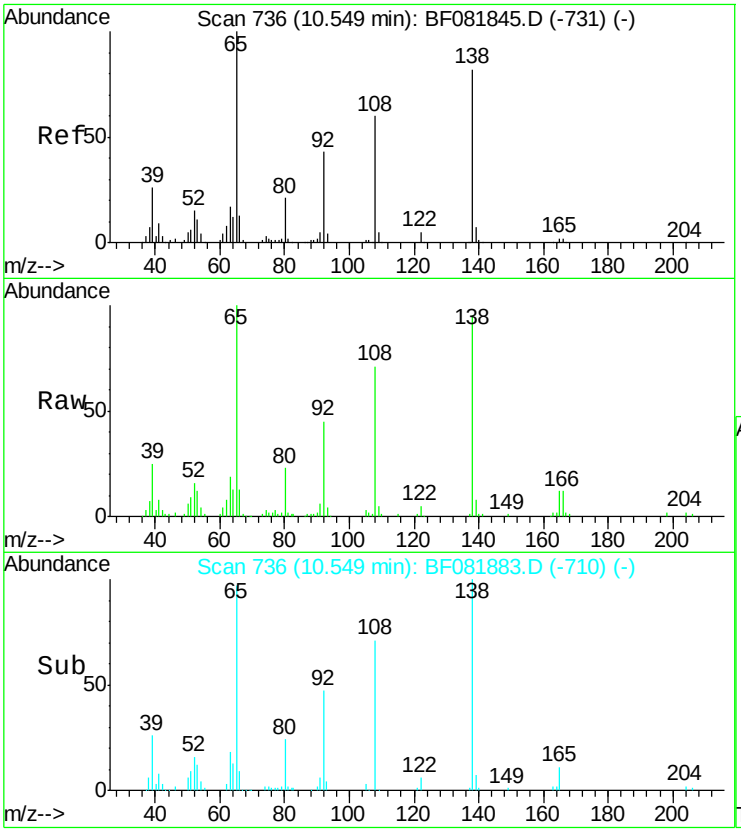


#60
4-Chlorophenyl-phenylether
Concen: 39.81 ng
RT: 10.51 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:204 Resp: 215805

Ion	Ratio	Lower	Upper
204	100		
206	34.4	24.8	37.2
141	53.7	42.2	63.4

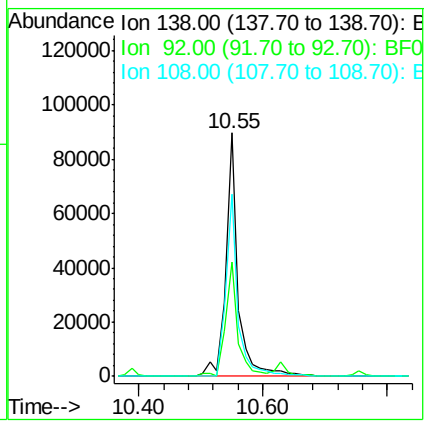




#61
4-Nitroaniline
Concen: 38.49 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

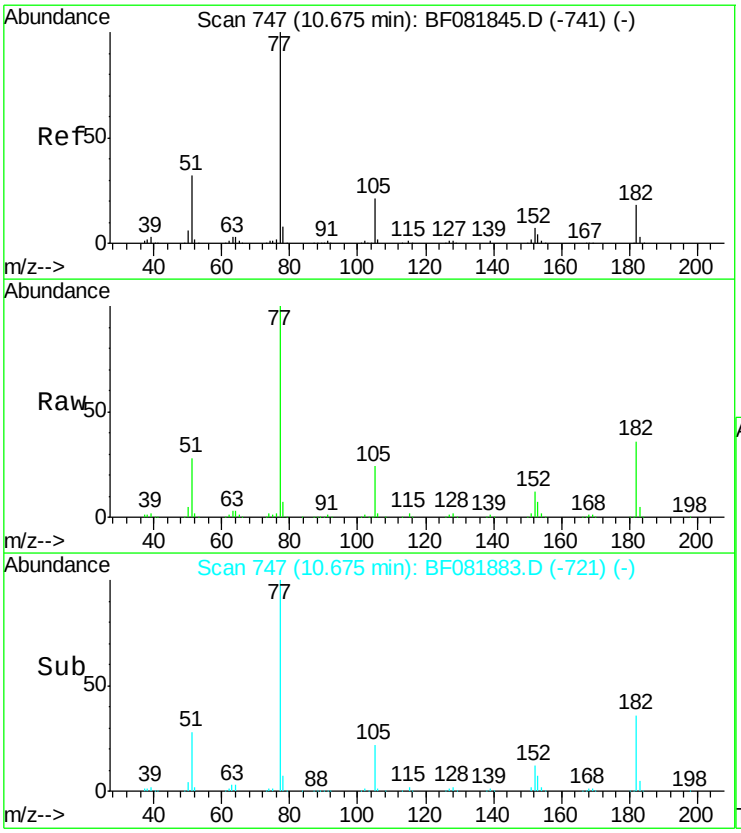
Tgt Ion:138 Resp: 121781

Ion	Ratio	Lower	Upper
138	100		
92	46.9	12.6	52.6
108	74.8	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

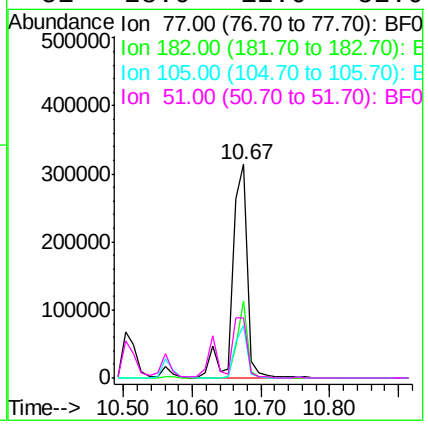
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

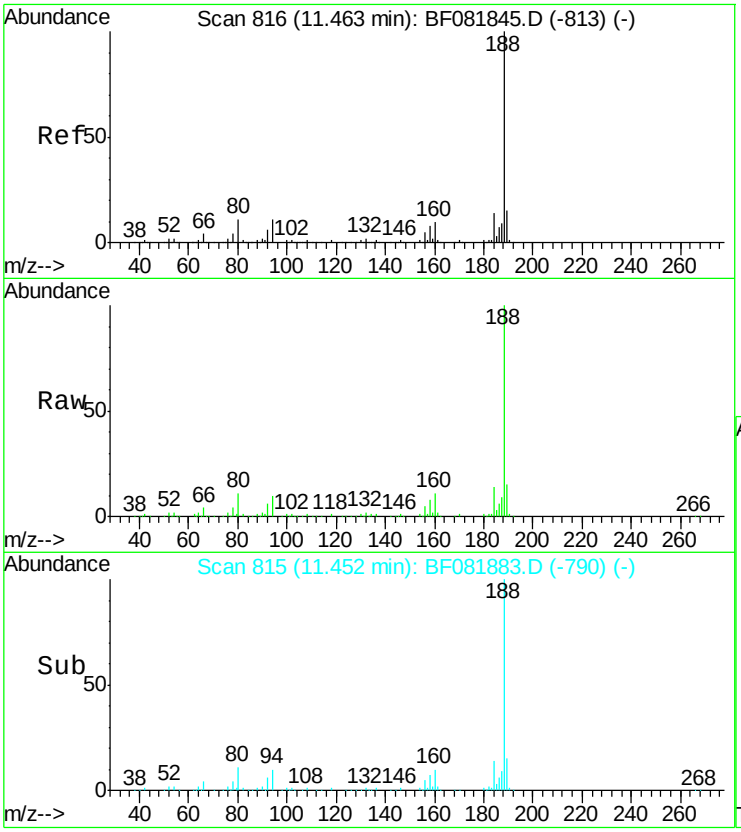


#62
Azobenzene
Concen: 41.80 ng
RT: 10.67 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion: 77 Resp: 478702

Ion	Ratio	Lower	Upper
77	100		
182	35.7	15.1	55.1
105	24.3	3.4	43.4
51	28.0	12.0	52.0

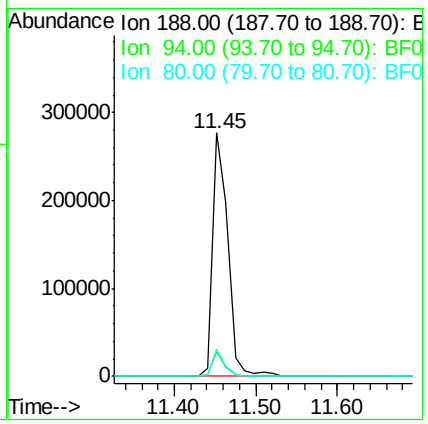




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.45 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

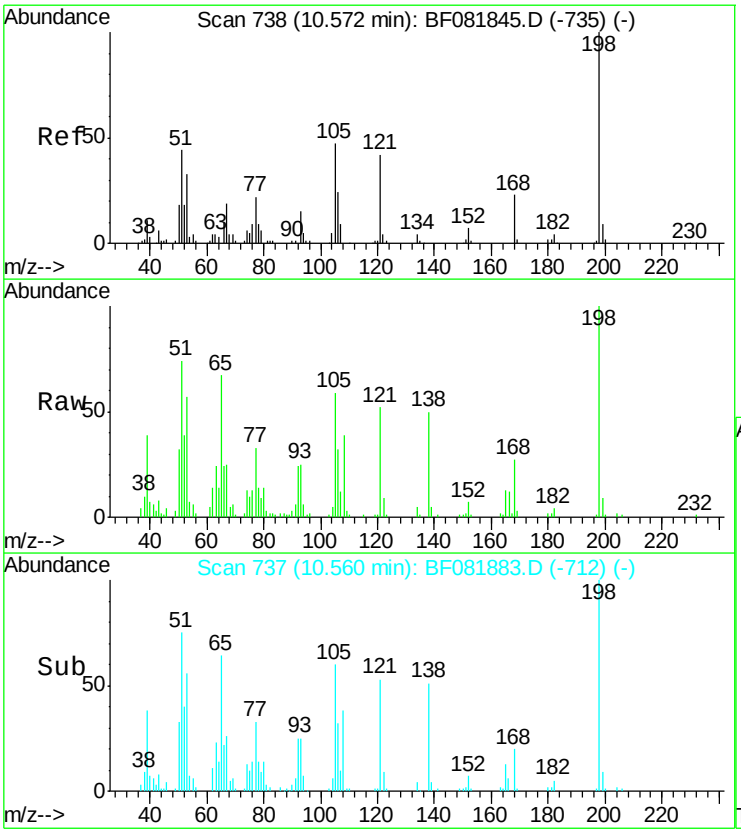
Tgt Ion:188 Resp: 362580

Ion	Ratio	Lower	Upper
188	100		
94	10.4	11.1	16.7#
80	11.3	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
PB85818BS

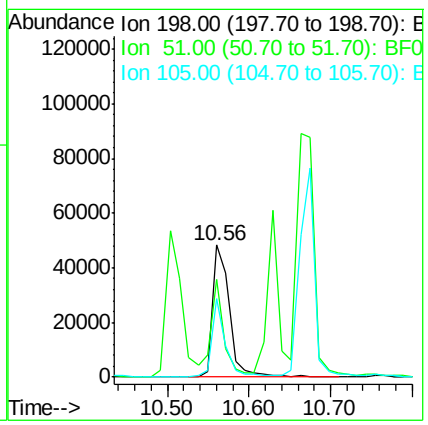
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

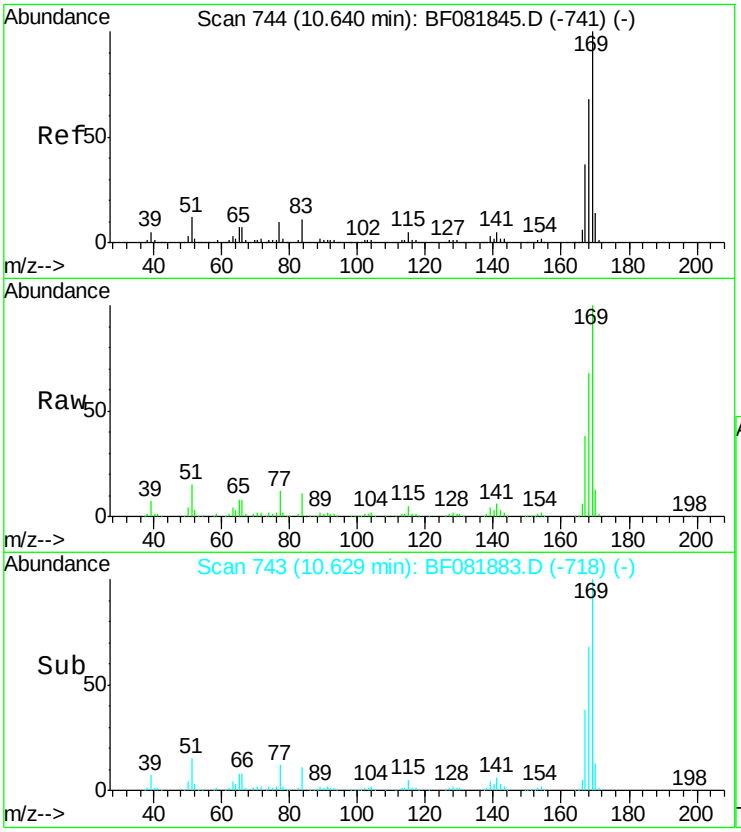


#64
4,6-Dinitro-2-methylphenol
Concen: 43.37 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:198 Resp: 69711

Ion	Ratio	Lower	Upper
198	100		
51	74.3	39.6	79.6
105	59.2	28.5	68.5

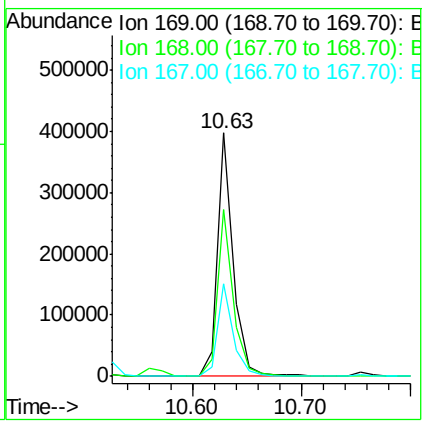




#65
n-Nitrosodiphenylamine
Concen: 36.78 ng
RT: 10.63 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

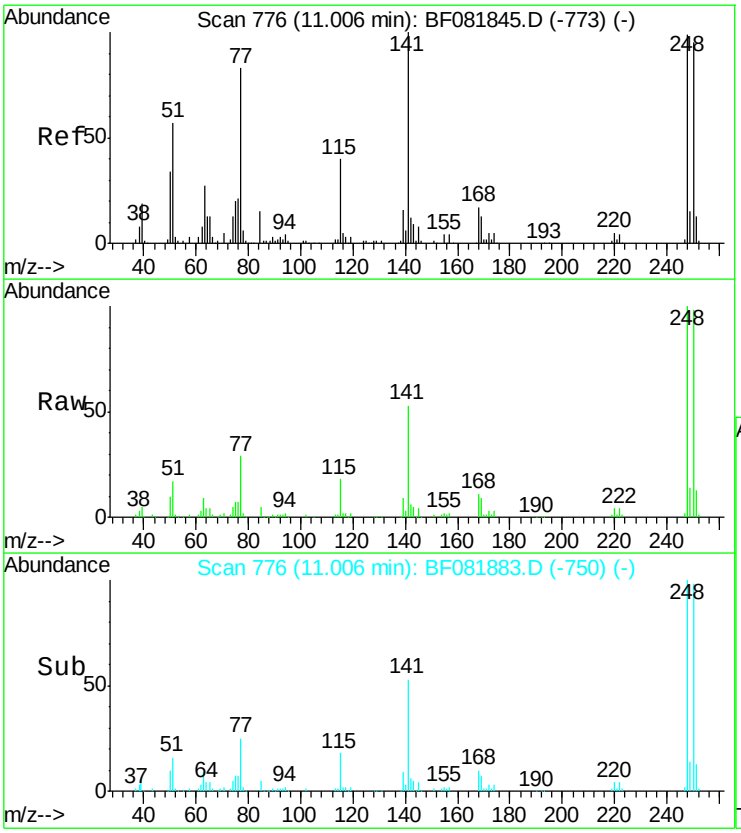
Tgt Ion:169 Resp: 403467

Ion	Ratio	Lower	Upper
169	100		
168	68.5	48.9	73.3
167	38.1	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB85818BS

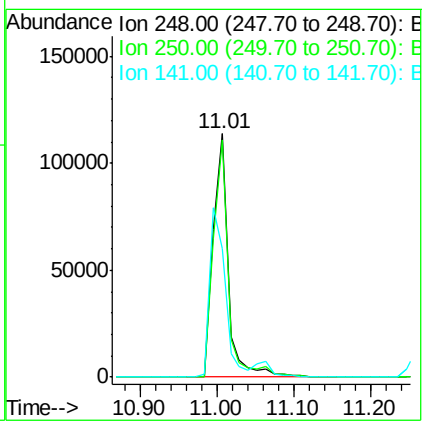
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

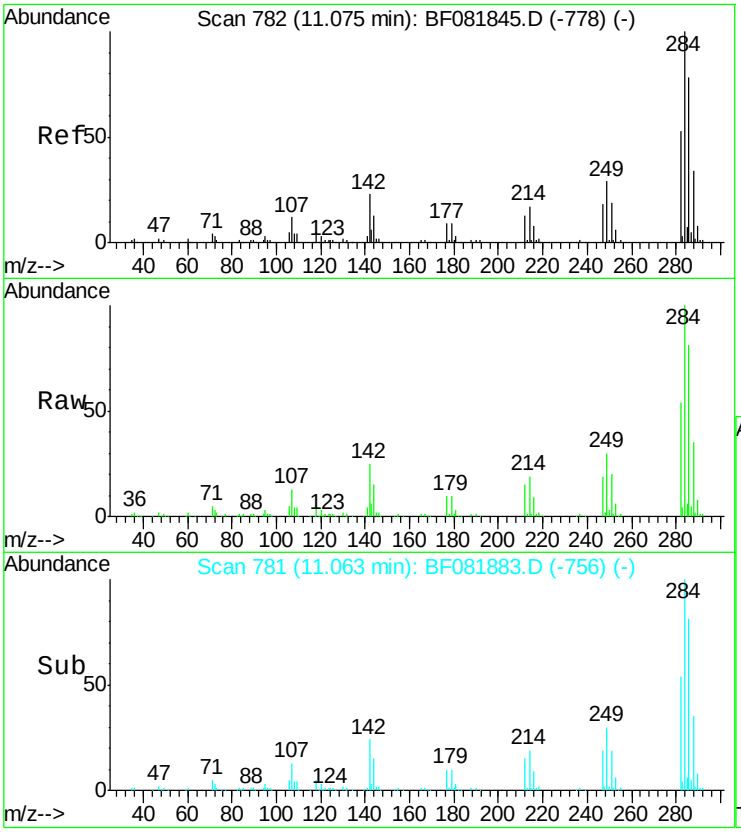


#66
4-Bromophenyl-phenylether
Concen: 42.39 ng
RT: 11.01 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:248 Resp: 154978

Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.5	117.7
141	52.6	59.0	88.6#

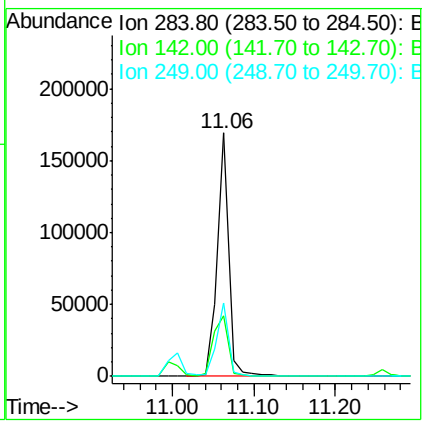




#67
Hexachlorobenzene
Concen: 40.05 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

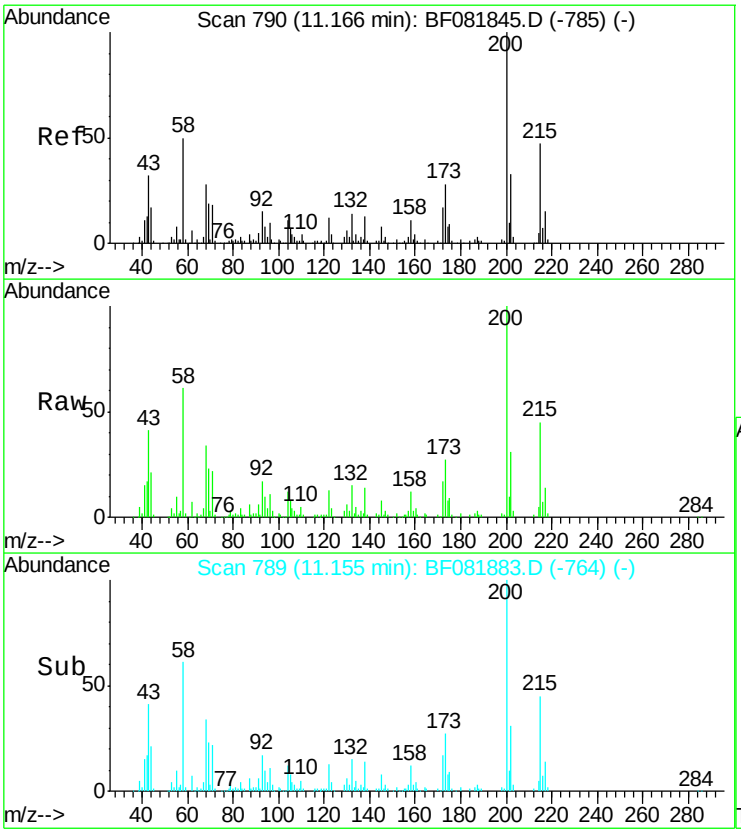
Tgt Ion:284 Resp: 165259

Ion	Ratio	Lower	Upper
284	100		
142	24.9	29.5	44.3#
249	30.0	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

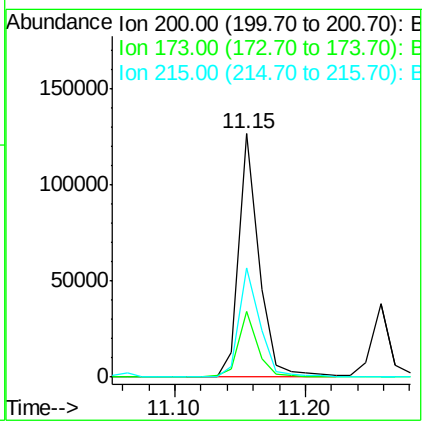
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

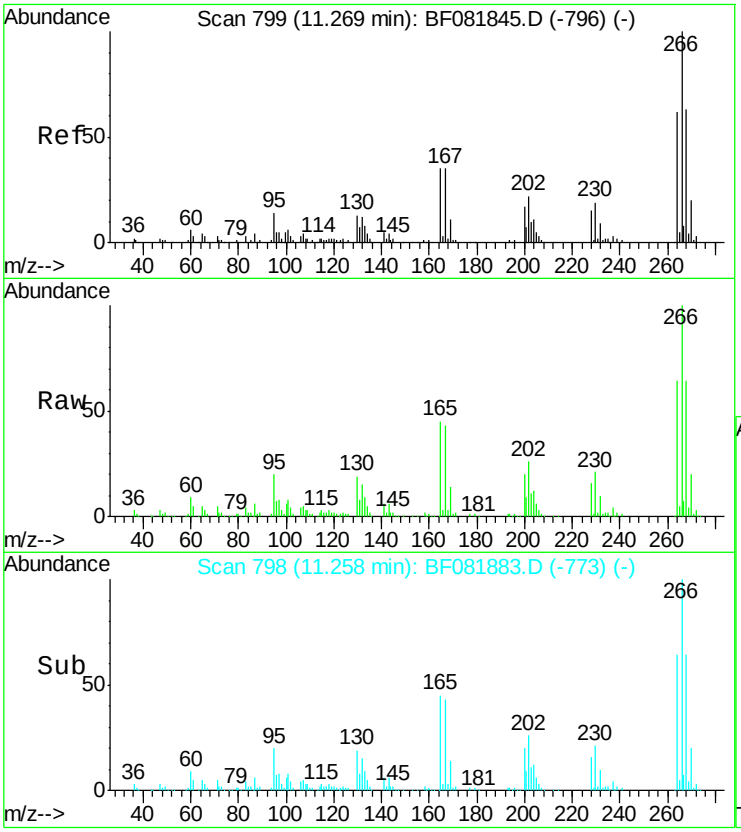


#68
Atrazine
Concen: 40.06 ng
RT: 11.15 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:200 Resp: 136353

Ion	Ratio	Lower	Upper
200	100		
173	26.8	13.2	53.2
215	44.7	41.8	81.8

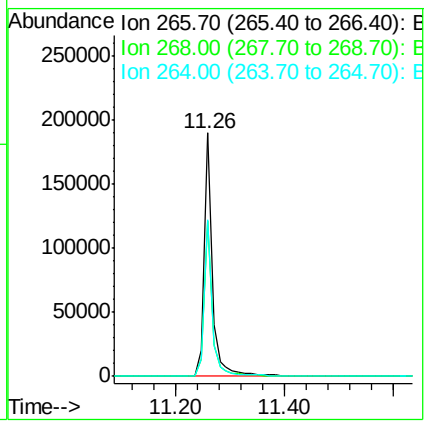




#69
Pentachlorophenol
Concen: 84.79 ng
RT: 11.26 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

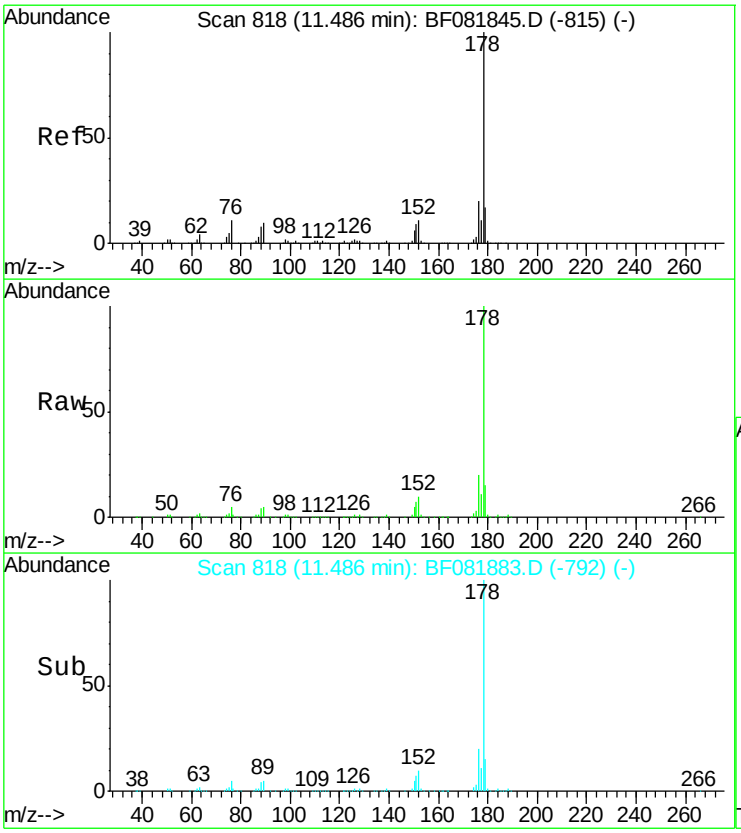
Tgt Ion:266 Resp: 199341

Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.8	74.6
264	64.2	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
PB85818BS

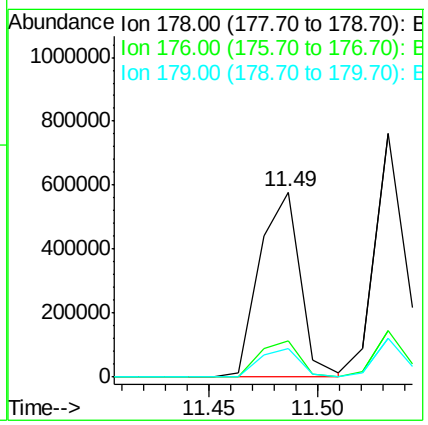
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

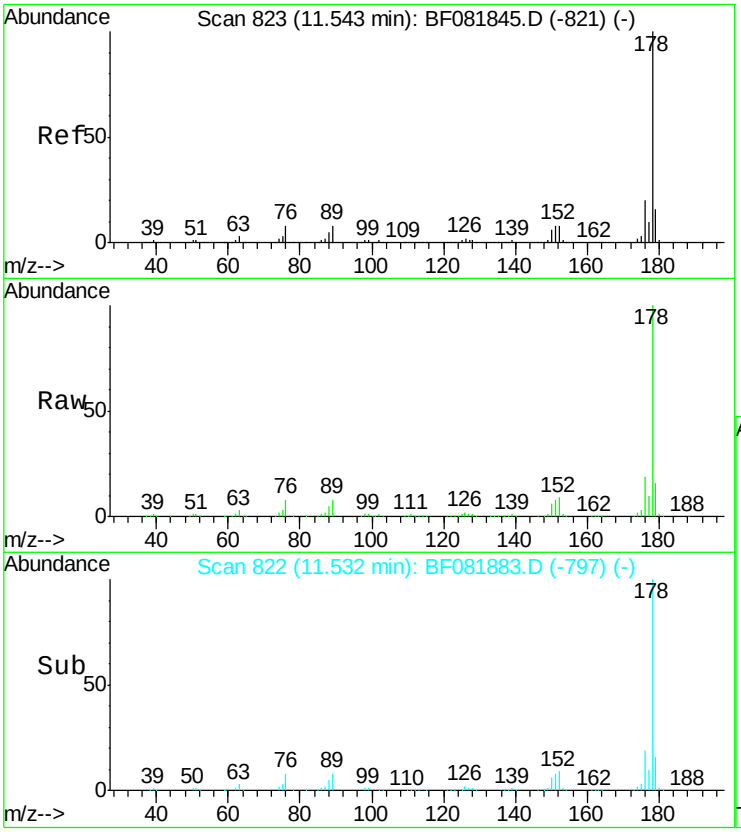


#70
Phenanthrene
Concen: 43.22 ng
RT: 11.49 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:178 Resp: 755218

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.4	12.2	18.2

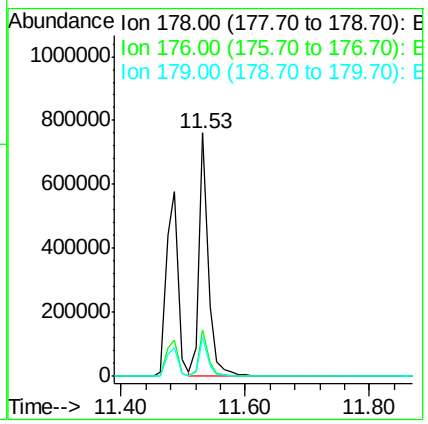




#71
Anthracene
Concen: 43.46 ng
RT: 11.53 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

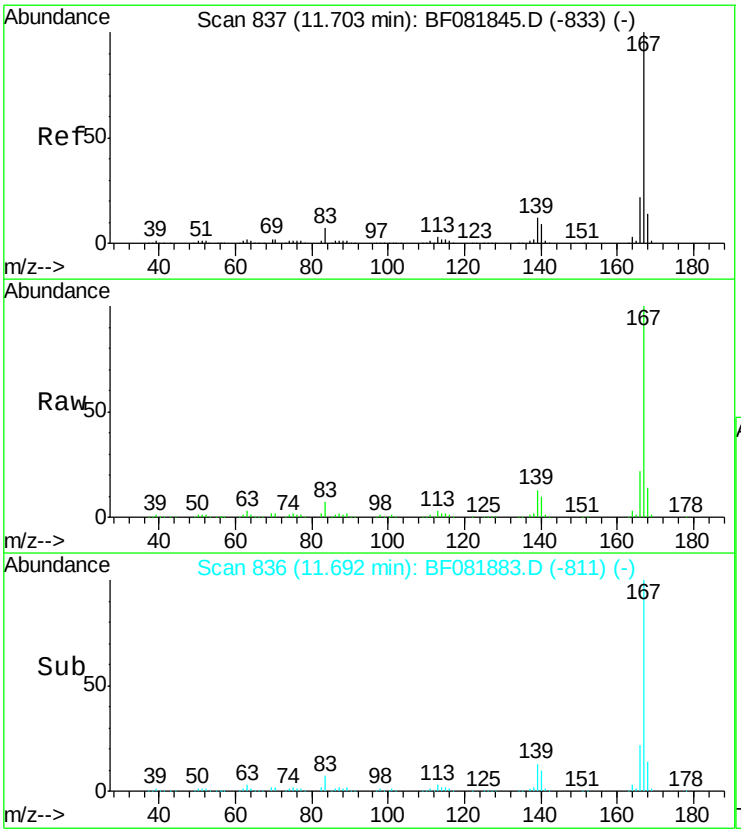
Tgt Ion:178 Resp: 800973

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.1	21.1
179	15.7	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
PB85818BS

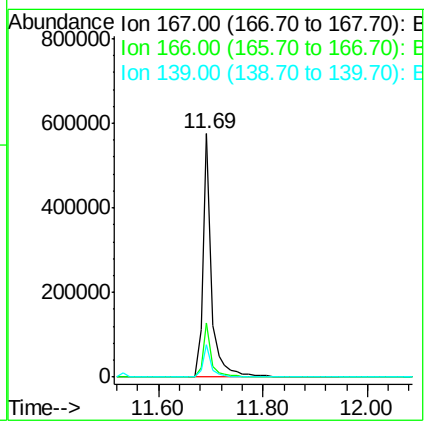
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

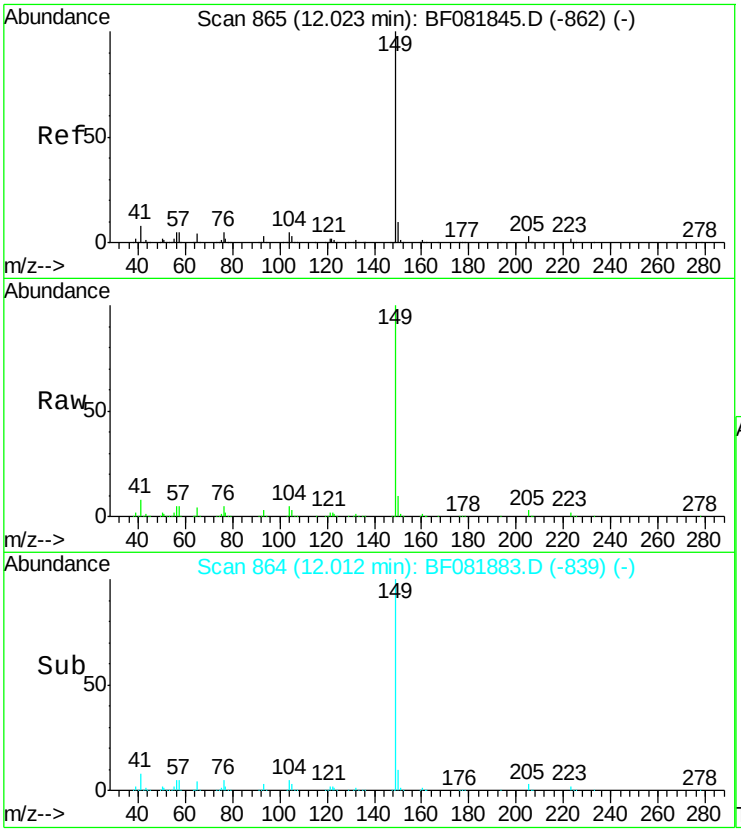


#72
Carbazole
Concen: 39.07 ng
RT: 11.69 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:167 Resp: 651576

Ion	Ratio	Lower	Upper
167	100		
166	22.4	15.7	23.5
139	13.3	9.5	14.3

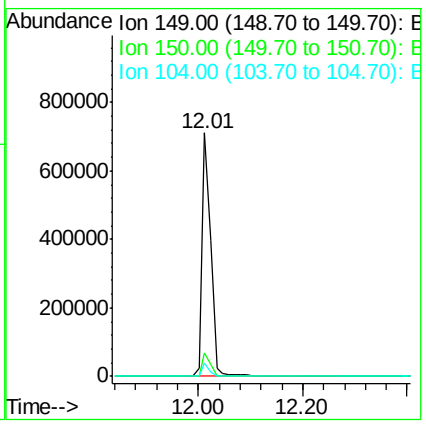




#73
Di-n-butylphthalate
Concen: 48.55 ng
RT: 12.01 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

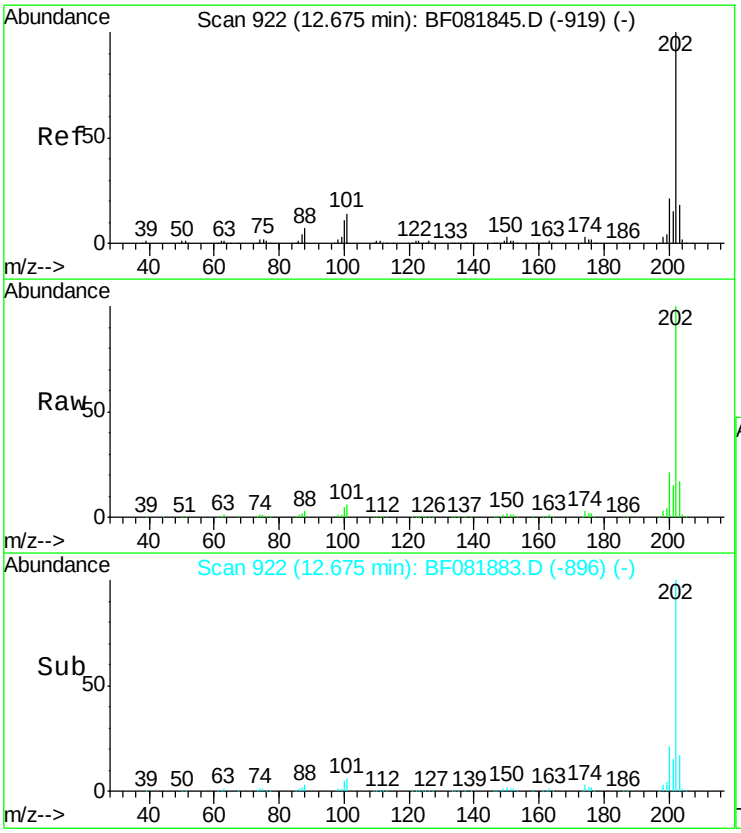
Tgt Ion:149 Resp: 822994

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.3	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

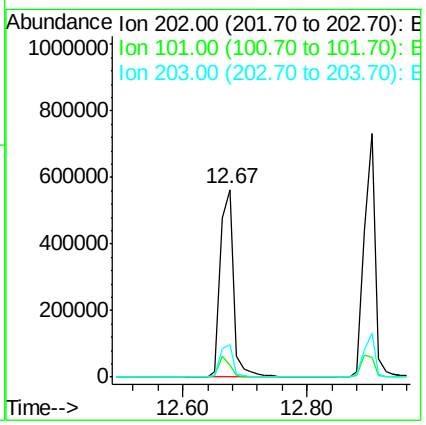
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

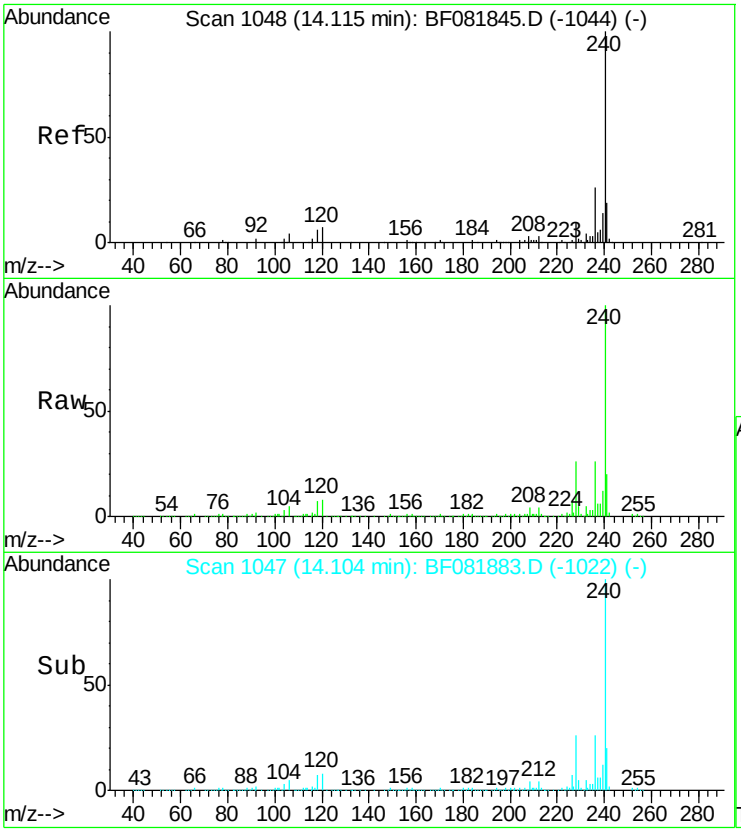


#74
Fluoranthene
Concen: 42.12 ng
RT: 12.67 min Scan# 922
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:202 Resp: 818042

Ion	Ratio	Lower	Upper
202	100		
101	6.4	0.0	38.3
203	17.4	0.0	37.3

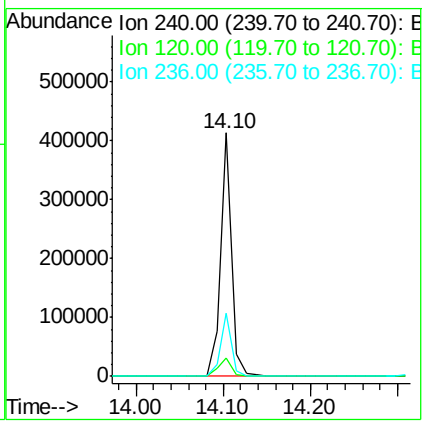




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

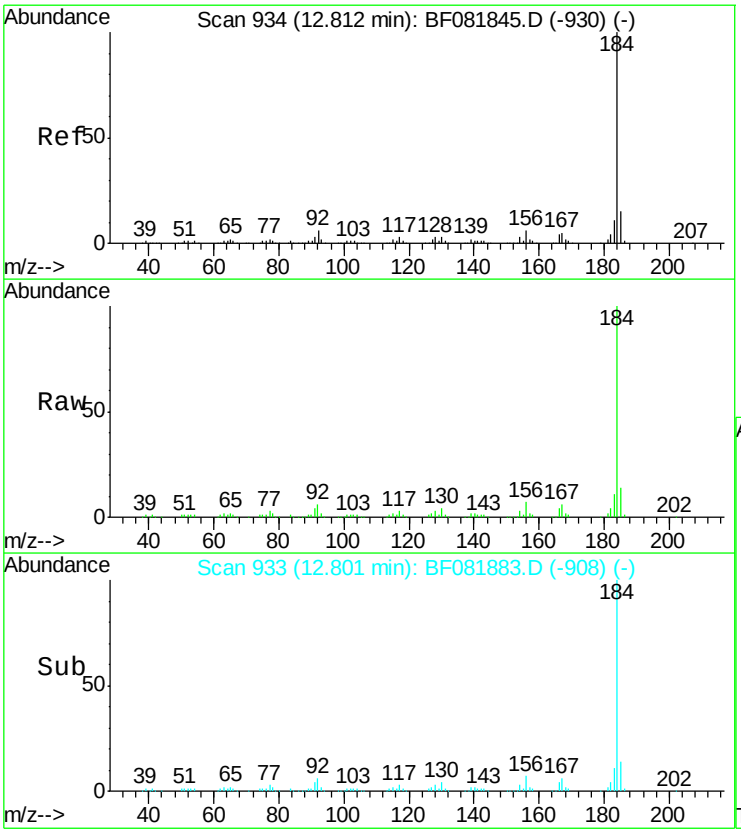
Tgt Ion:240 Resp: 371116

Ion	Ratio	Lower	Upper
240	100		
120	7.6	16.2	24.2#
236	25.9	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
PB85818BS

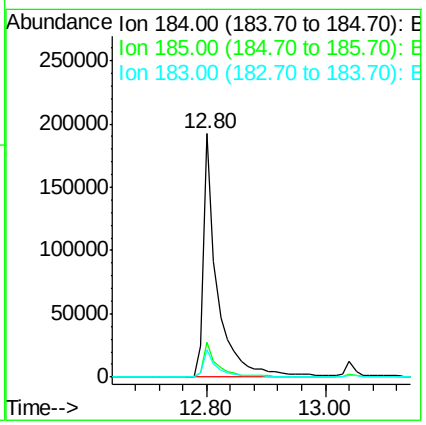
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

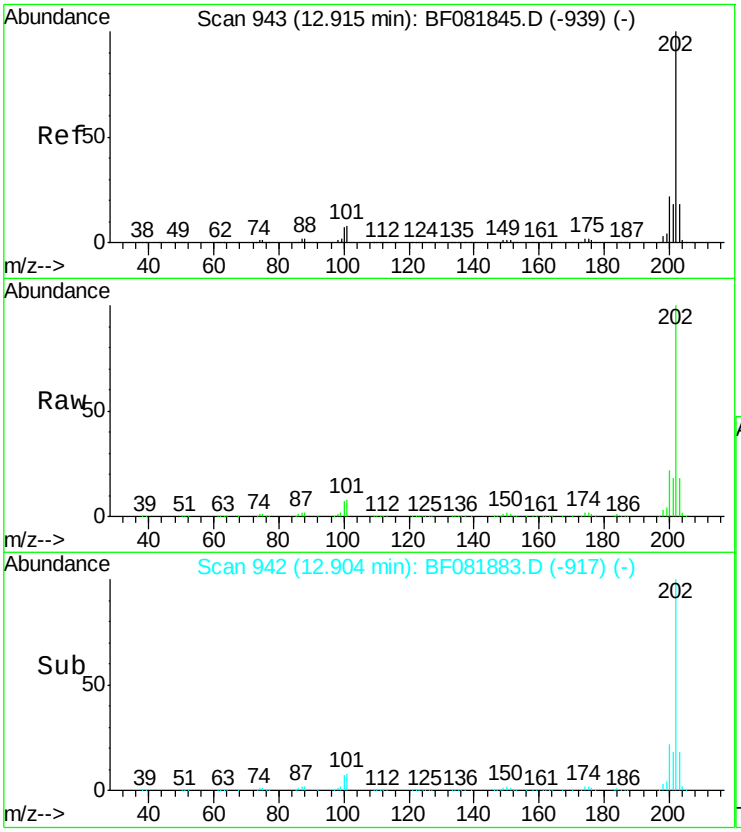


#76
Benzidine
Concen: 28.56 ng
RT: 12.80 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:184 Resp: 319374

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.8	17.6
183	11.2	7.6	11.4

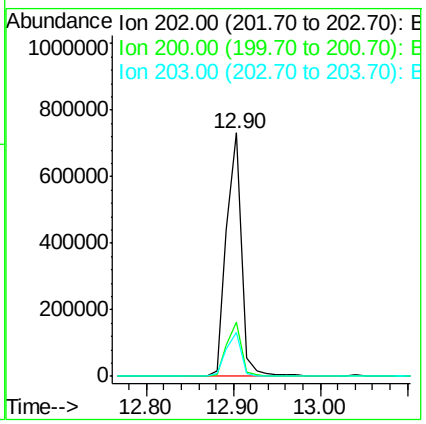




#77
Pyrene
Concen: 39.69 ng
RT: 12.90 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

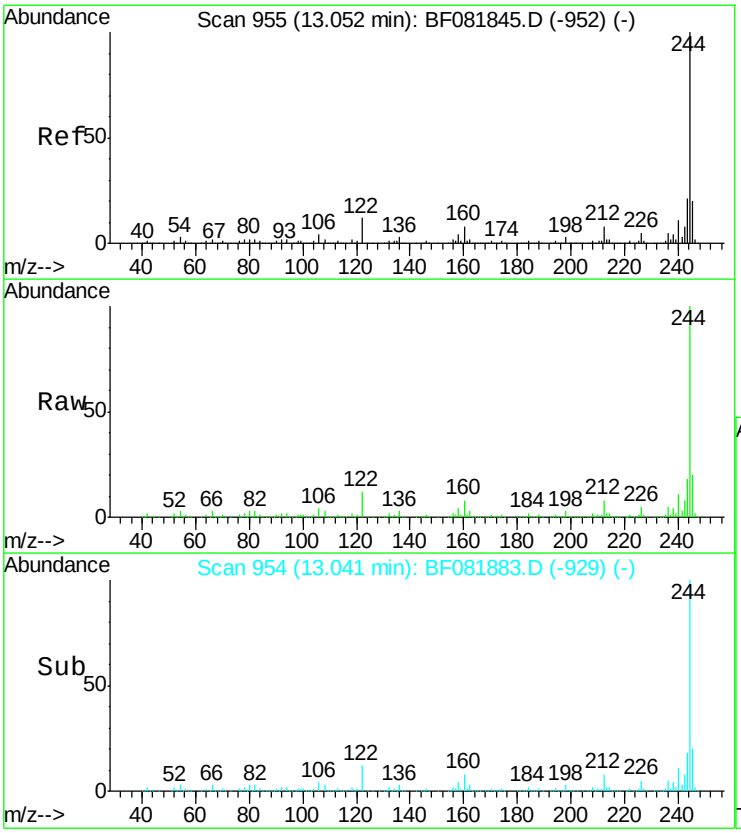
Tgt Ion:202 Resp: 879934

Ion	Ratio	Lower	Upper
202	100		
200	22.0	15.0	22.4
203	17.9	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
PB85818BS

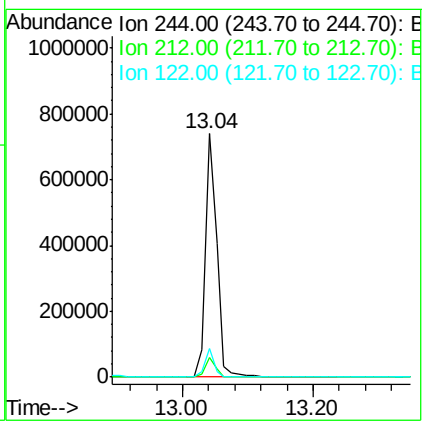
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

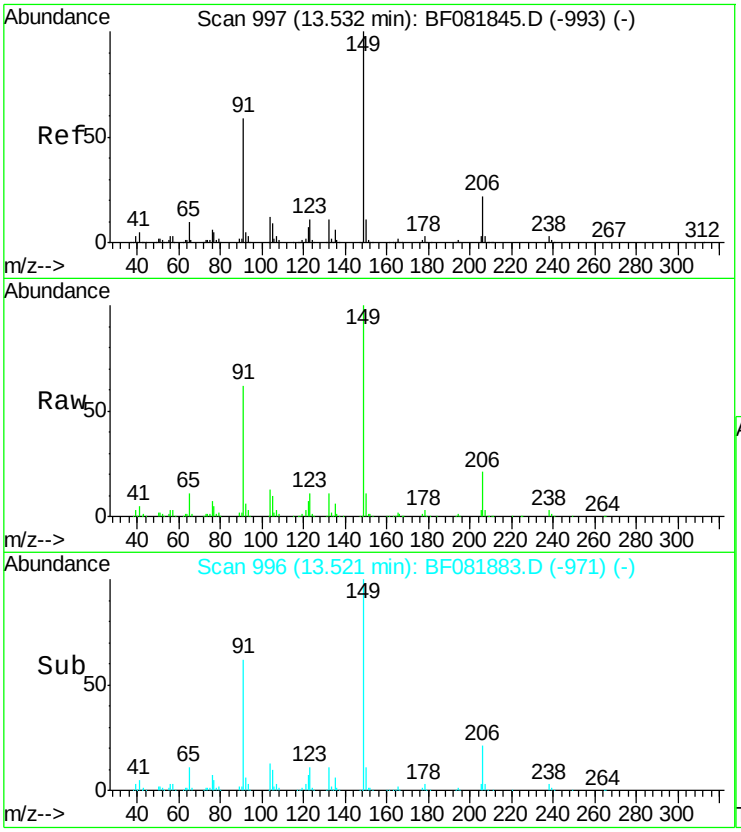


#78
Terphenyl-d14
Concen: 75.44 ng
RT: 13.04 min Scan# 954
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:244 Resp: 894184

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	11.8	17.4	26.2#

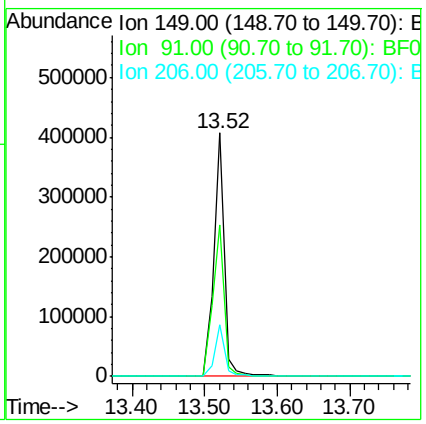




#79
Butylbenzylphthalate
Concen: 48.96 ng
RT: 13.52 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

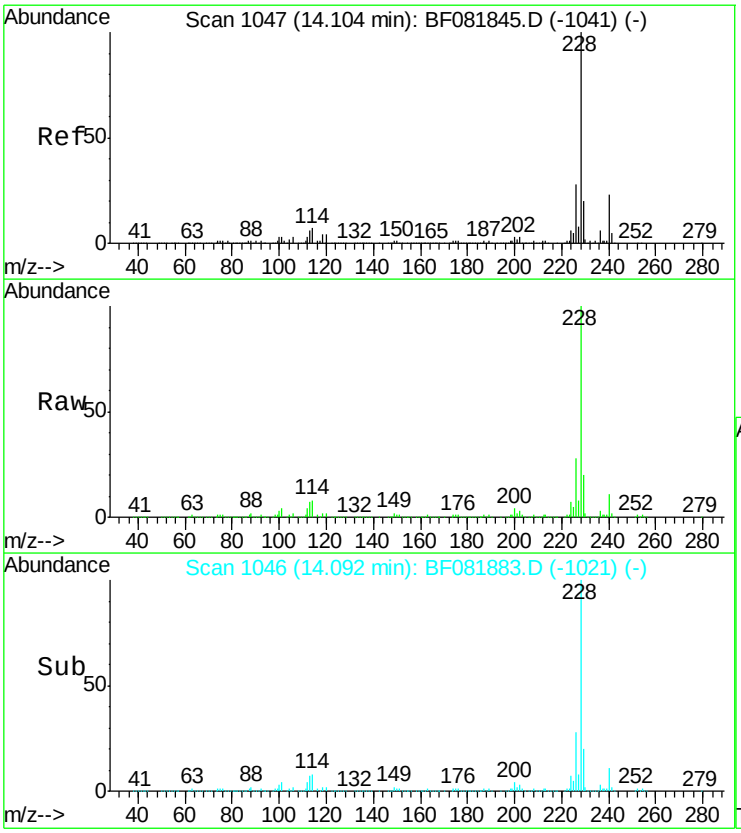
Tgt Ion:149 Resp: 408490

Ion	Ratio	Lower	Upper
149	100		
91	62.0	48.6	72.8
206	20.9	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
PB85818BS

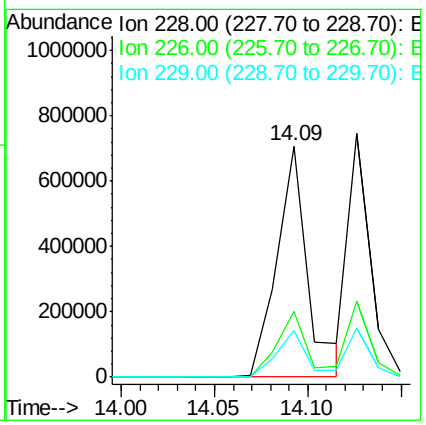
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

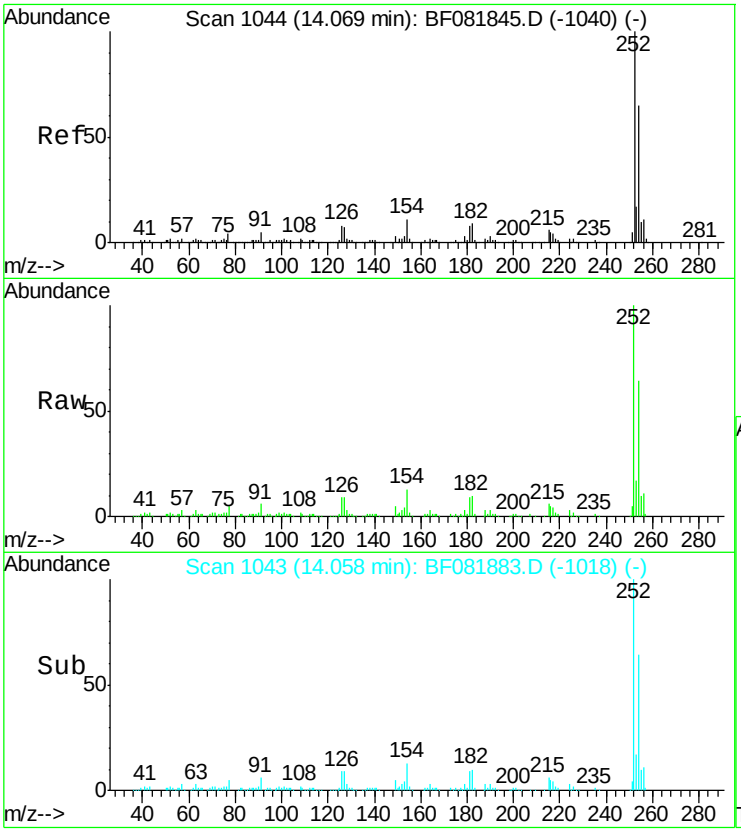


#80
Benzo(a)anthracene
Concen: 40.86 ng
RT: 14.09 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:228 Resp: 816500

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	20.3	15.4	23.2

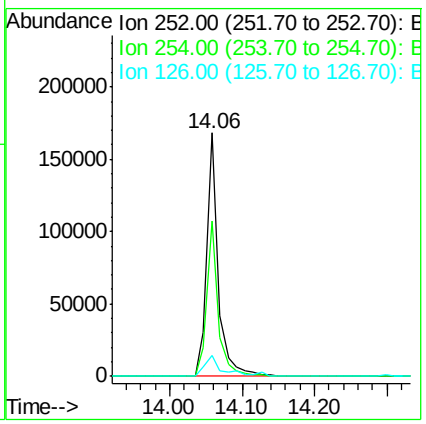




#81
3,3'-Dichlorobenzidine
Concen: 27.60 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

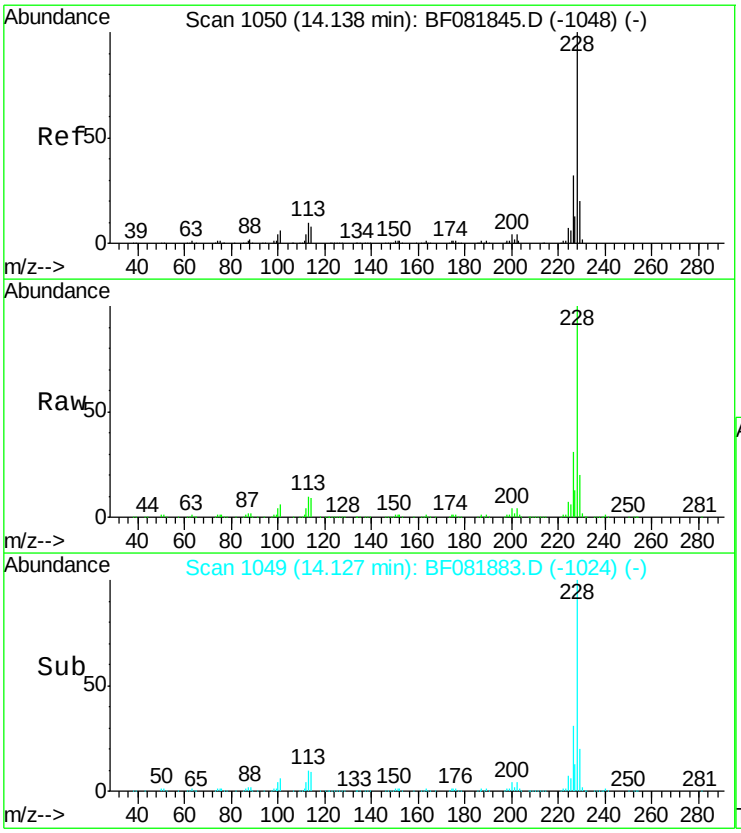
Tgt Ion:252 Resp: 186255

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.2
126	8.8	16.4	24.6#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

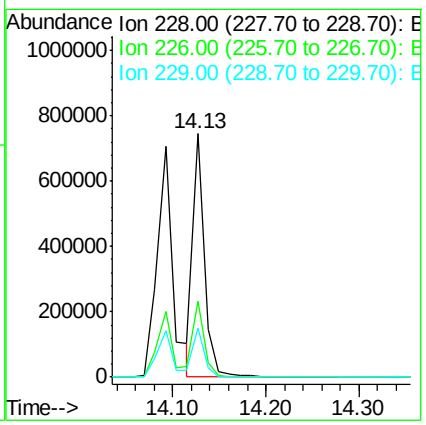
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

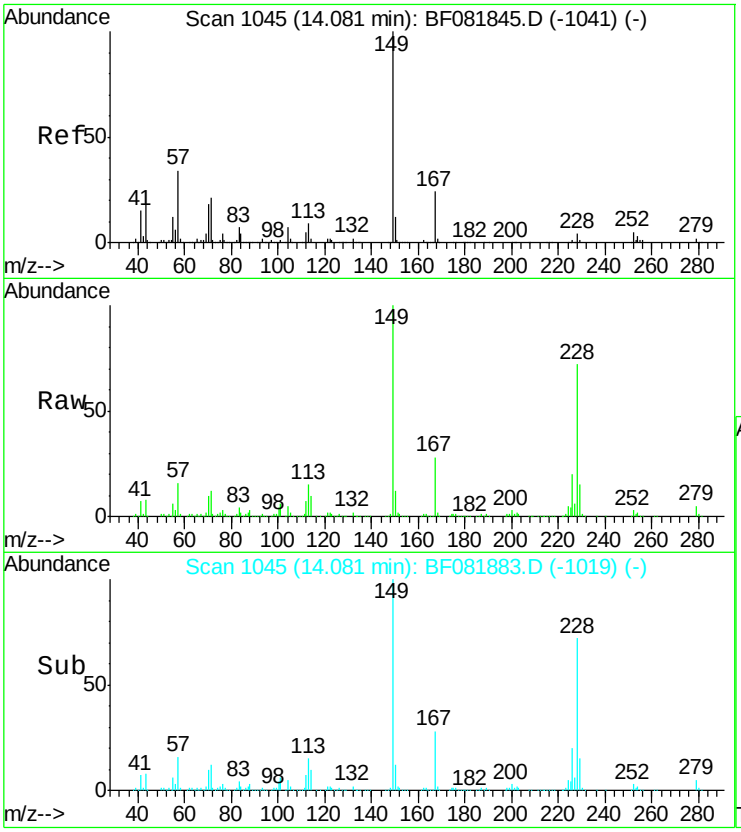


#82
Chrysene
Concen: 31.91 ng
RT: 14.13 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:228 Resp: 637237

Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	20.2	15.6	23.4

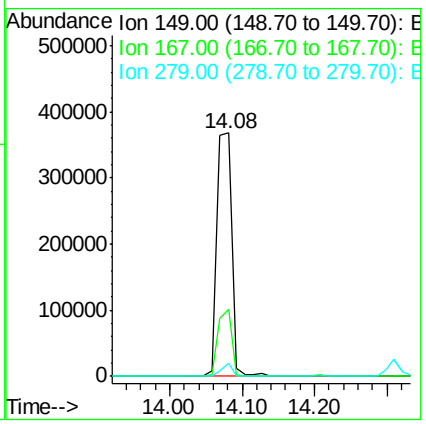




#83
Bis(2-ethylhexyl)phthalate
Concen: 50.01 ng
RT: 14.08 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

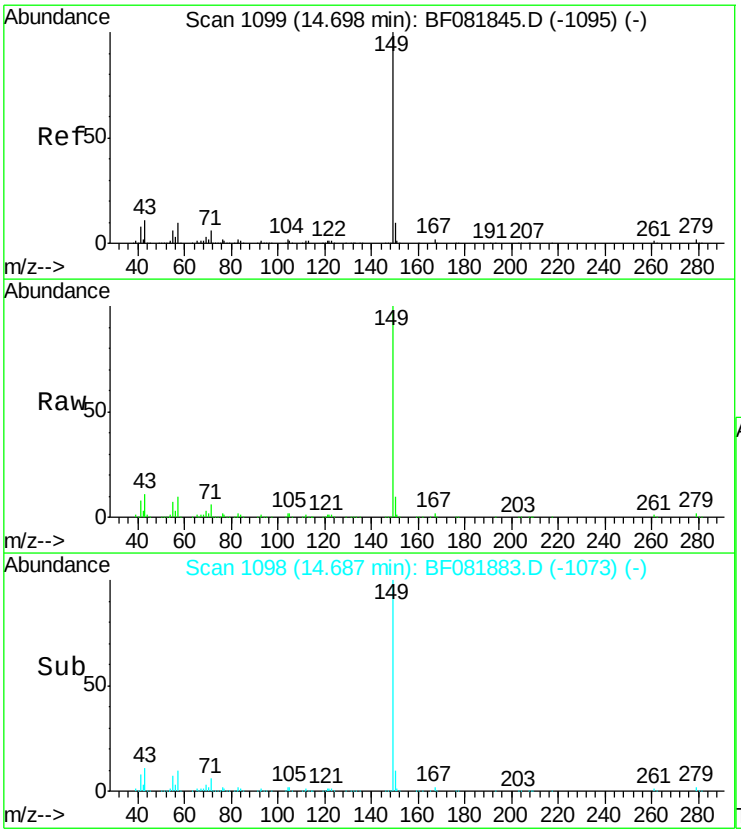
Tgt Ion:149 Resp: 523403

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.2	36.2
279	5.4	3.8	5.6



Instrument :
BNA_F
ClientSampleId :
PB85818BS

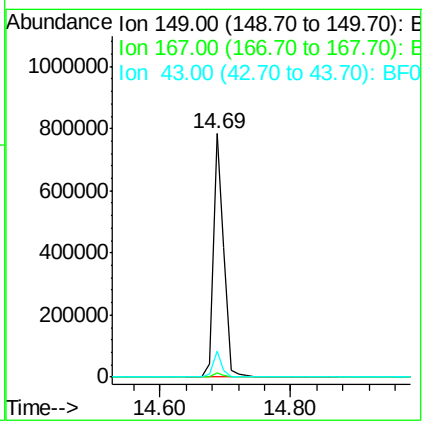
Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

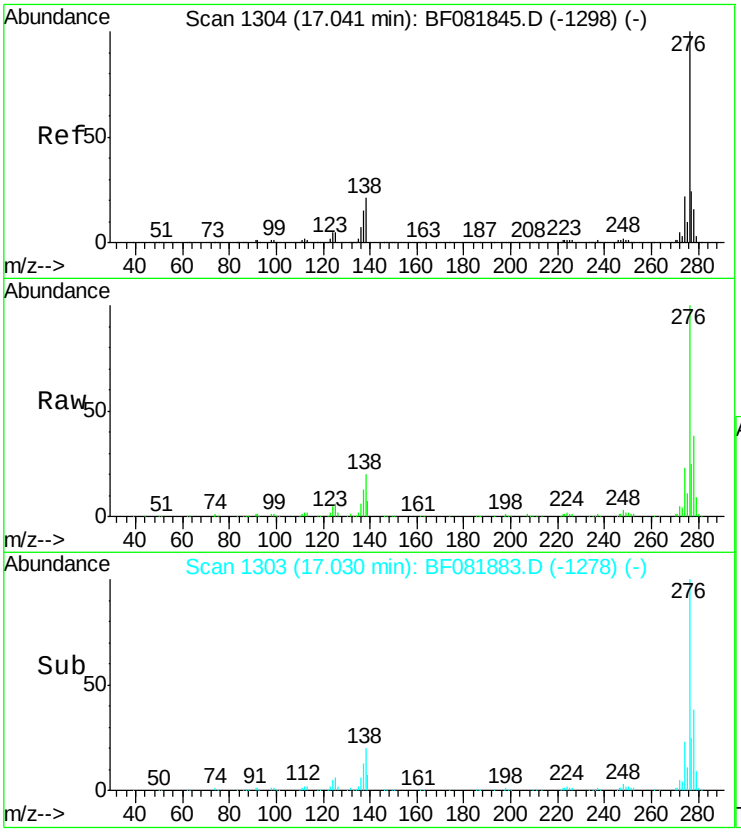


#84
Di-n-octyl phthalate
Concen: 52.19 ng
RT: 14.69 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:149 Resp: 888793

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.0	1.6
43	9.3	10.2	15.2#





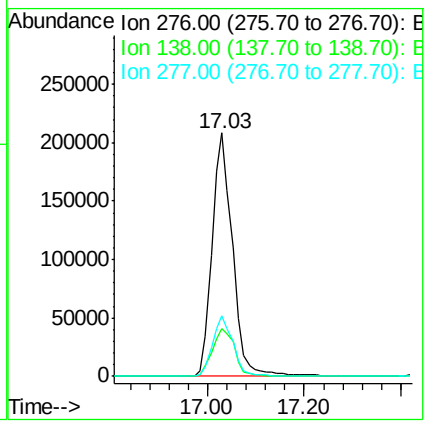
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.71 ng
RT: 17.03 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

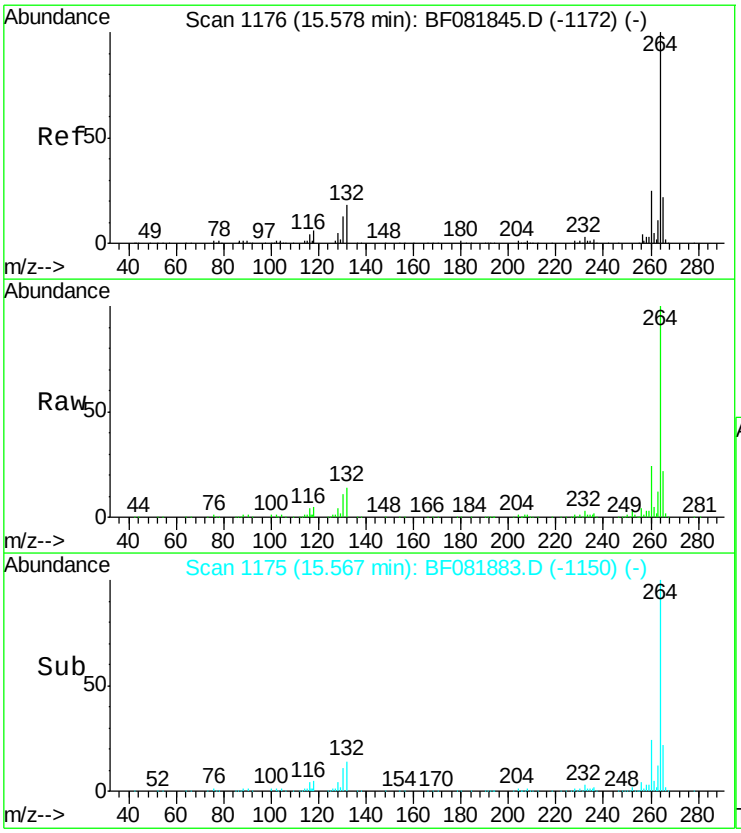
Tgt Ion:276 Resp: 620850

Ion	Ratio	Lower	Upper
276	100		
138	21.7	25.7	38.5#
277	25.0	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

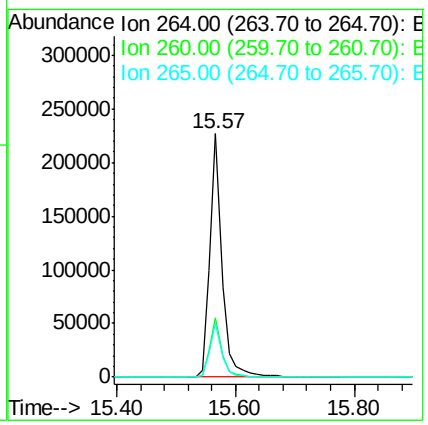


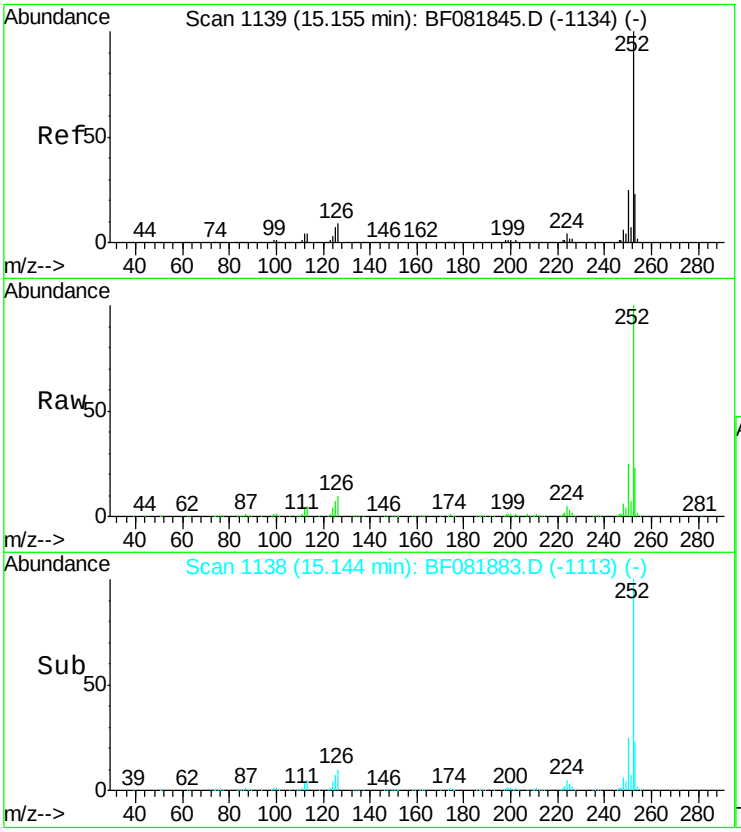


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:264 Resp: 322049

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	22.0	17.2	25.8





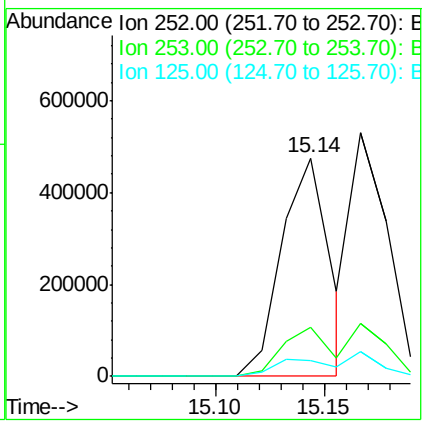
#87
Benzo(b)fluoranthene
Concen: 39.58 ng
RT: 15.14 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

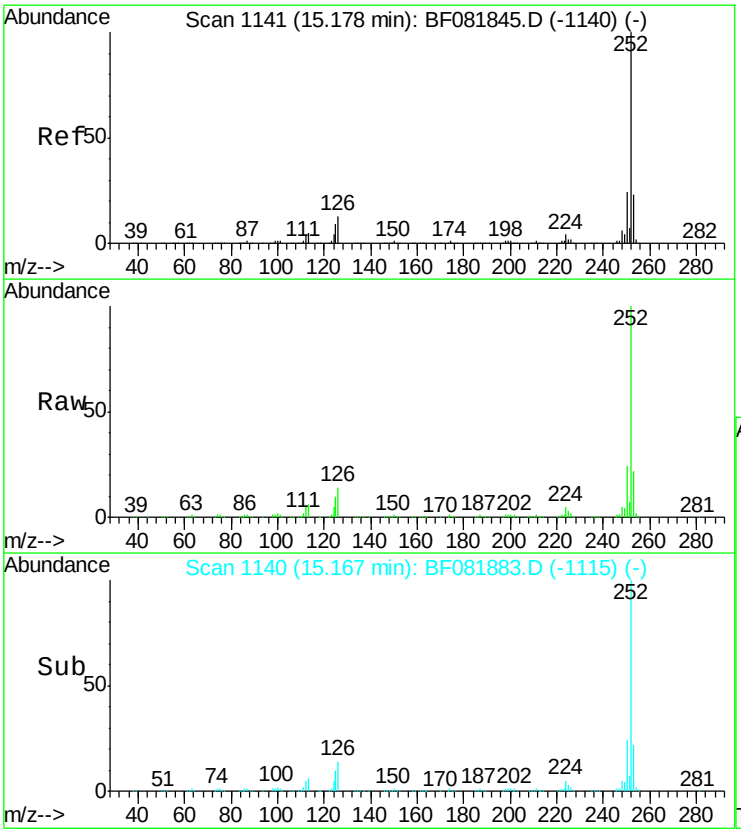
Tgt Ion:252 Resp: 727832

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	7.2	17.1	25.7#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

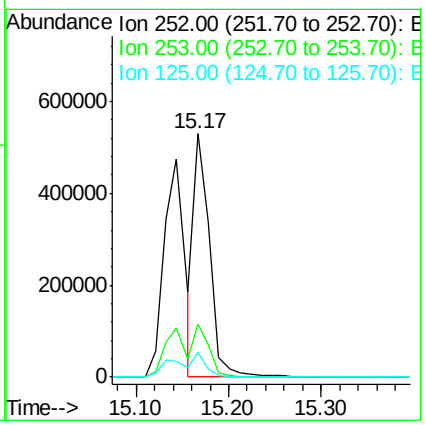


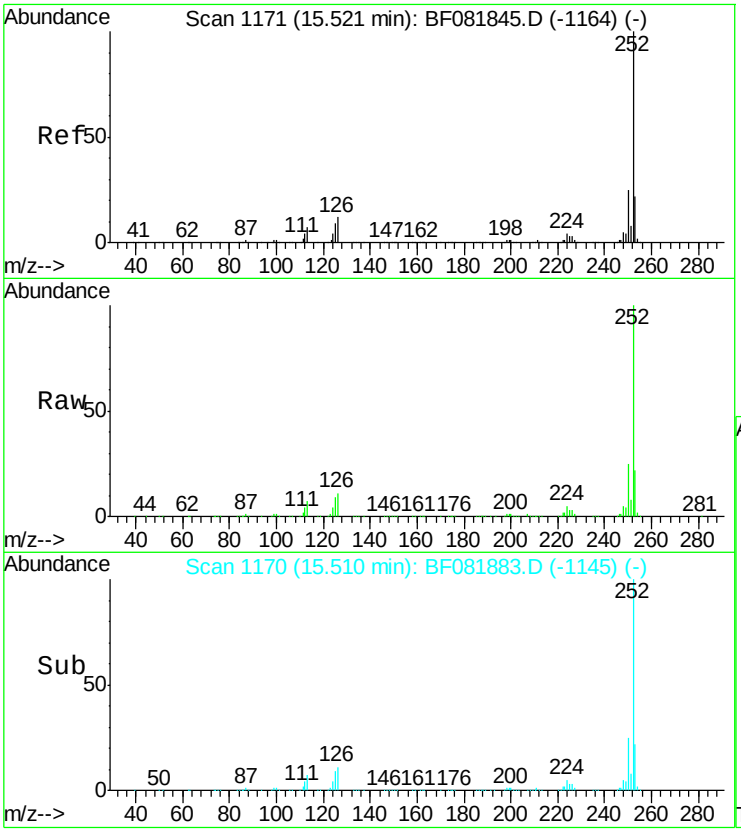


#88
Benzo(k)fluoranthene
Concen: 39.32 ng m
RT: 15.17 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:252 Resp: 662652

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	10.2	16.0	24.0#





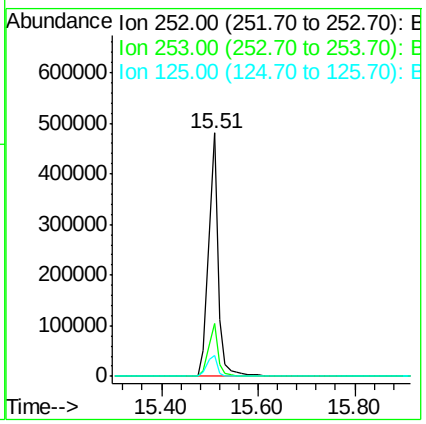
#89
Benzo(a)pyrene
Concen: 42.89 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

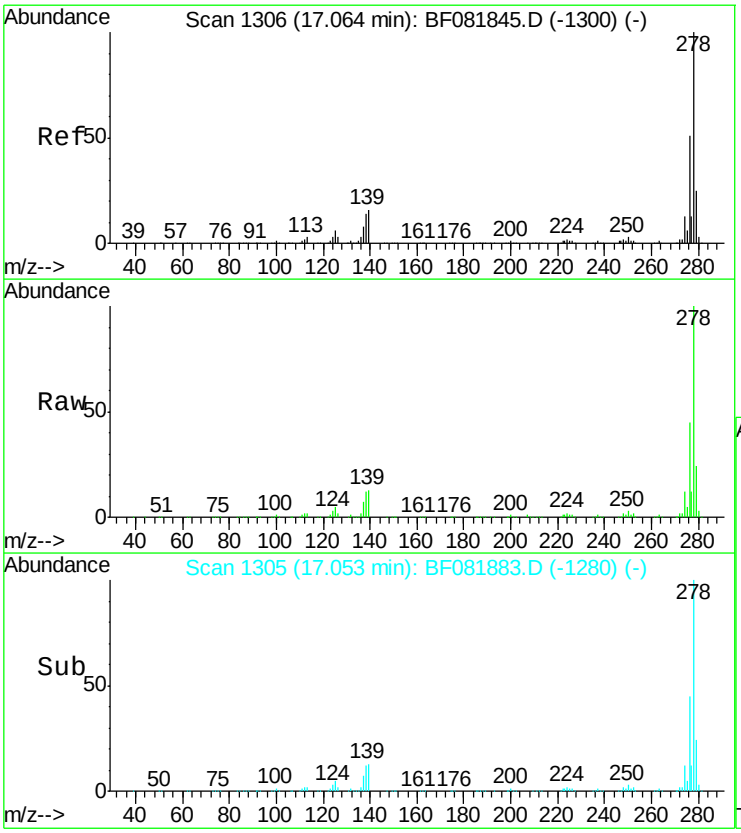
Tgt Ion:252 Resp: 684041

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.7	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM

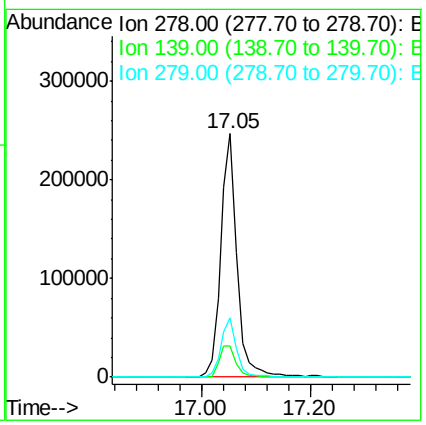


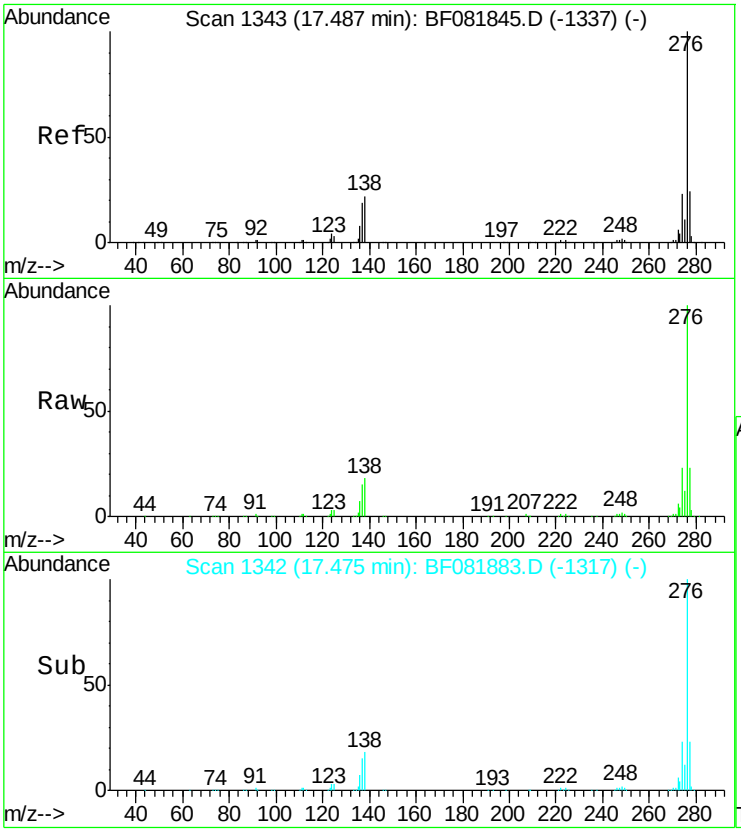


#90
Dibenzo(a,h)anthracene
Concen: 38.55 ng
RT: 17.05 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:278 Resp: 515863

Ion	Ratio	Lower	Upper
278	100		
139	13.0	26.3	39.5#
279	24.1	18.2	27.4

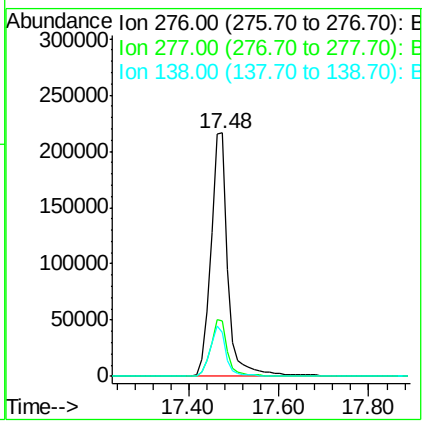




#91
Benzo(g,h,i)perylene
Concen: 41.44 ng
RT: 17.48 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF081883.D
Acq: 29 Sep 2015 16:57

Tgt Ion:276 Resp: 568286

Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.8	26.6
138	17.9	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
PB85818BS

Manual Integrations APPROVED
apatel
9/30/2015 9:09:23 AM