Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097752.D
Acq On : 16 Aug 2017 21:29
Operator : SJ/JU
Sample : I4783-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

Quant Time: Aug 17 05:58:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	154463	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	613860	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	249138	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	378343	20.00	ng		0.00
75) Chrysene-d12	13.94	240	272054	20.00	ng		0.00
86) Perylene-d12	15.37	264	244132	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	963426	94.87	ng		0.01
7) Phenol-d6	6.42	99	1322580	95.86	ng		0.00
23) Nitrobenzene-d5	7.35	82	806998	71.42	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	203488	94.13	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1184223	69.84	ng		0.00
78) Terphenyl-d14	12.89	244	675199	51.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	142091	25.090	ng		90
3) Pyridine	3.26	79	400025	25.551	ng		87
4) n-Nitrosodimethylamine	3.20	42	162947	27.049	ng	#	75
6) Aniline	6.45	93	440102	22.706	ng		97
8) 2-Chlorophenol	6.57	128	329890	30.804	ng		99
9) Benzaldehyde	6.33	77	131150	15.007	ng		88
10) Phenol	6.43	94	482969	29.929	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	373791	30.690	ng		96
12) 1,3-Dichlorobenzene	6.72	146	333042	28.911	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	334953	28.590	ng	#	92
14) 1,2-Dichlorobenzene	6.95	146	314286	29.093	ng		98
15) Benzyl Alcohol	6.92	79	342616	33.167	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	505298	30.835	ng		91
17) 2-Methylphenol	7.03	107	300239	31.813	ng		96
18) Hexachloroethane	7.29	117	118993	25.906	ng	#	79
19) n-Nitroso-di-n-propylamine	7.20	70	279260	29.566	ng		90
20) 3+4-Methylphenols	7.19	107	364770	31.645	ng		97
22) Acetophenone	7.19	105	496691	30.628	ng	#	89
24) Nitrobenzene	7.36	77	416835	33.130	ng		91
25) Isophorone	7.60	82	745323	31.721	ng		97
26) 2-Nitrophenol	7.68	139	149892	34.539	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	289962	29.590	ng		92
28) bis(2-Chloroethoxy)methane	7.82	93	483997	31.332	ng		99
29) 2,4-Dichlorophenol	7.92	162	252587	31.052	ng		94
30) 1,2,4-Trichlorobenzene	8.00	180	263796	29.254	ng		98
31) Naphthalene	8.09	128	955513	29.983	ng		100
32) Benzoic acid	7.79	122	29355	9.967	ng		85
33) 4-Chloroaniline	8.13	127	260509	19.383	ng		99
34) Hexachlorobutadiene	8.20	225	155813	29.594	ng		96
35) Caprolactam	8.50	113	87680m	31.706	ng		
36) 4-Chloro-3-methylphenol	8.62	107	304264	29.113	ng	#	79
37) 2-Methylnaphthalene	8.78	142	603300	30.878	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	245834	32.152	ng		99
40) Hexachlorocyclopentadiene	8.93	237	87003	23.686	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097752.D
Acq On : 16 Aug 2017 21:29
Operator : SJ/JU
Sample : I4783-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

Quant Time: Aug 17 05:58:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	166334	32.403	ng		98
43) 2,4,5-Trichlorophenol	9.09	196	170560	33.492	ng		96
45) 1,1'-Biphenyl	9.25	154	708979	31.206	ng		98
46) 2-Chloronaphthalene	9.27	162	504529	30.056	ng		94
47) 2-Nitroaniline	9.36	65	191740	34.072	ng		93
48) Acenaphthylene	9.68	152	805268	30.548	ng		100
49) Dimethylphthalate	9.55	163	756784	41.556	ng		99
50) 2,6-Dinitrotoluene	9.60	165	120456	33.137	ng	#	58
51) Acenaphthene	9.85	154	485566	29.206	ng		99
52) 3-Nitroaniline	9.77	138	110896	23.645	ng		85
53) 2,4-Dinitrophenol	9.87	184	22321	21.414	ng	#	73
54) Dibenzofuran	10.03	168	707318	31.744	ng		98
55) 4-Nitrophenol	9.93	139	186584	49.871	ng	#	37
56) 2,4-Dinitrotoluene	10.00	165	148678	32.591	ng	#	52
57) Fluorene	10.37	166	497219	28.863	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.14	232	126218	32.012	ng		94
59) Diethylphthalate	10.25	149	626516	32.898	ng		100
60) 4-Chlorophenyl-phenylether	10.36	204	248356	31.032	ng	#	85
61) 4-Nitroaniline	10.38	138	109060	24.466	ng		75
62) Azobenzene	10.52	77	697121	30.817	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	20161	17.669	ng	#	79
65) n-Nitrosodiphenylamine	10.48	169	464567	36.059	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	143756	36.590	ng		93
67) Hexachlorobenzene	10.91	284	127486	31.835	ng	#	82
68) Atrazine	11.00	200	128338	37.561	ng		97
69) Pentachlorophenol	11.10	266	129877	55.625	ng		96
70) Phenanthrene	11.33	178	622276	30.866	ng		100
71) Anthracene	11.38	178	633263	30.969	ng		98
72) Carbazole	11.53	167	573235	29.533	ng		97
73) Di-n-butylphthalate	11.87	149	834020	37.304	ng		99
74) Fluoranthene	12.51	202	565018	26.850	ng		98
76) Benzidine	12.63	184	349819	39.217	ng	#	93
77) Pyrene	12.74	202	575518	25.865	ng		98
79) Butylbenzylphthalate	13.37	149	274090	32.129	ng	#	78
80) Benzo(a)anthracene	13.93	228	487882	29.922	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	176992	32.168	ng	#	96
82) Chrysene	13.96	228	476645	29.386	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	363330	38.434	ng		100
84) Di-n-octyl phthalate	14.54	149	680725	41.385	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	365655	30.645	ng		96
87) Benzo(b)fluoranthene	14.96	252	483548	31.423	ng		98
88) Benzo(k)fluoranthene	14.99	252	455284	31.491	ng	#	93
89) Benzo(a)pyrene	15.30	252	427991	31.417	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	308628	27.828	ng		98
91) Benzo(g,h,i)perylene	17.19	276	284753	24.607	ng	#	92

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

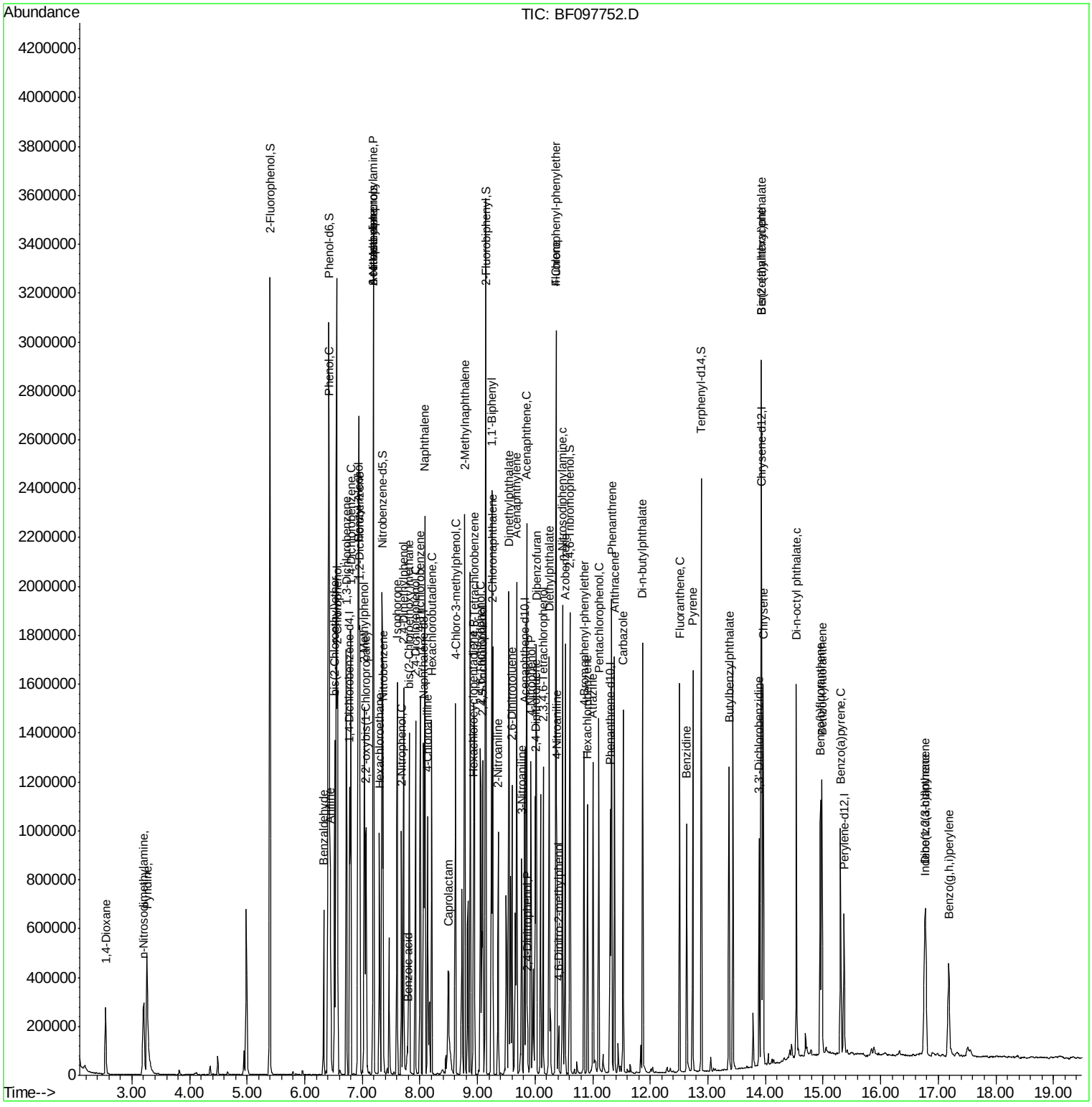
Quantitation Report (QT Reviewed)

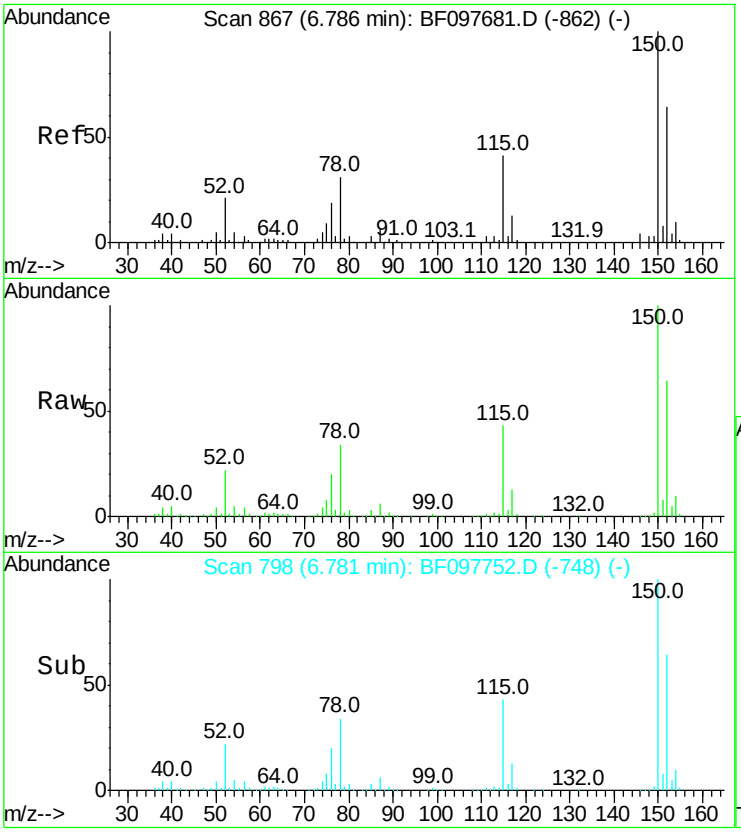
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097752.D
Acq On : 16 Aug 2017 21:29
Operator : SJ/JU
Sample : I4783-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 17 05:58:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

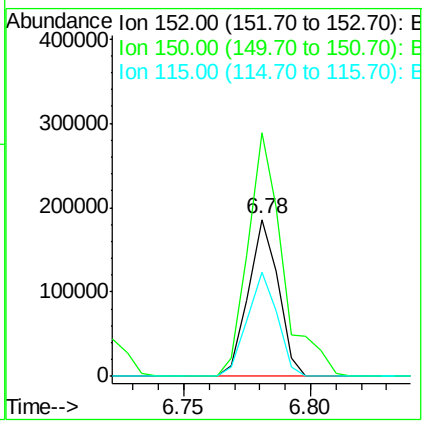




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

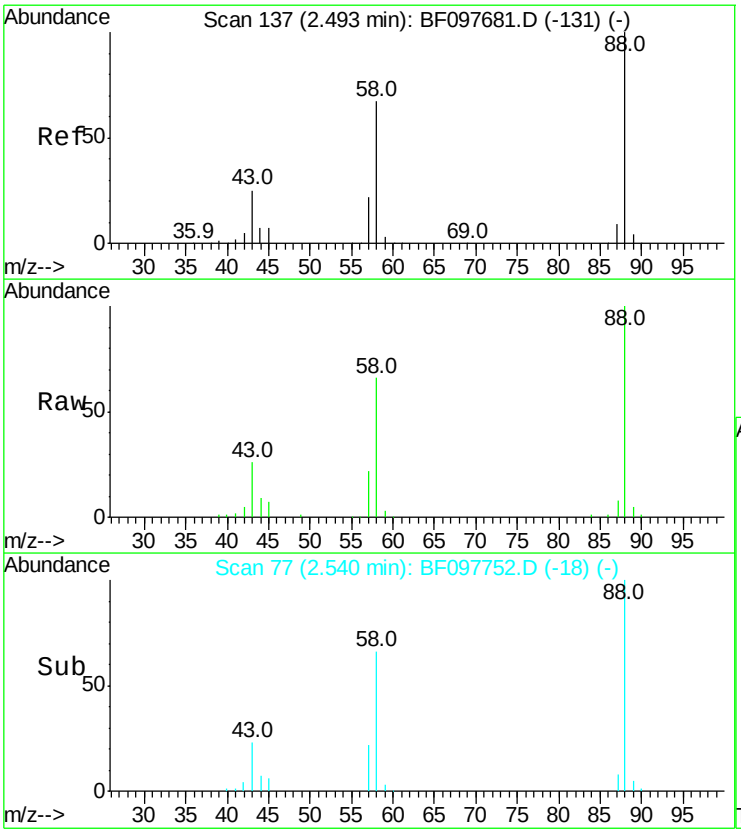
Tgt Ion:152 Resp: 154463

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	66.5	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

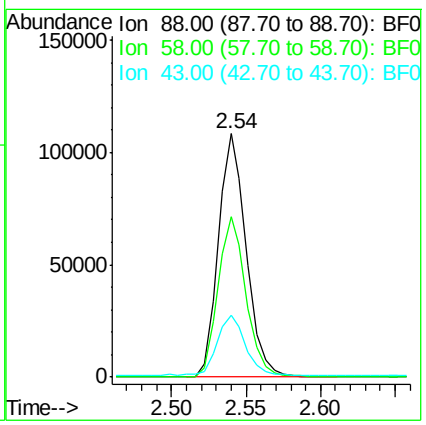
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

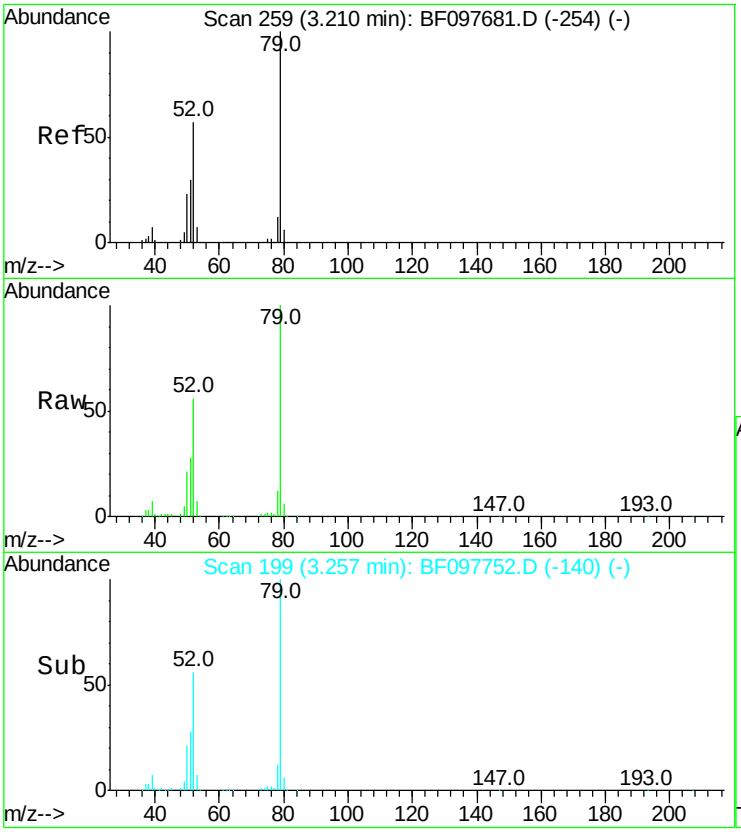


#2
1,4-Dioxane
Concen: 25.090 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.05 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 88 Resp: 142091

Ion	Ratio	Lower	Upper
88	100		
58	66.5	61.4	92.0
43	25.5	23.4	35.0

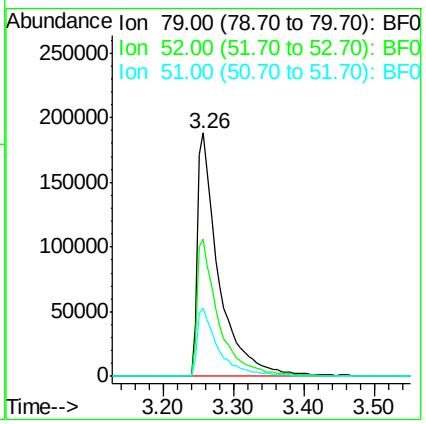




#3
Pyridine
Concen: 25.551 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.05 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

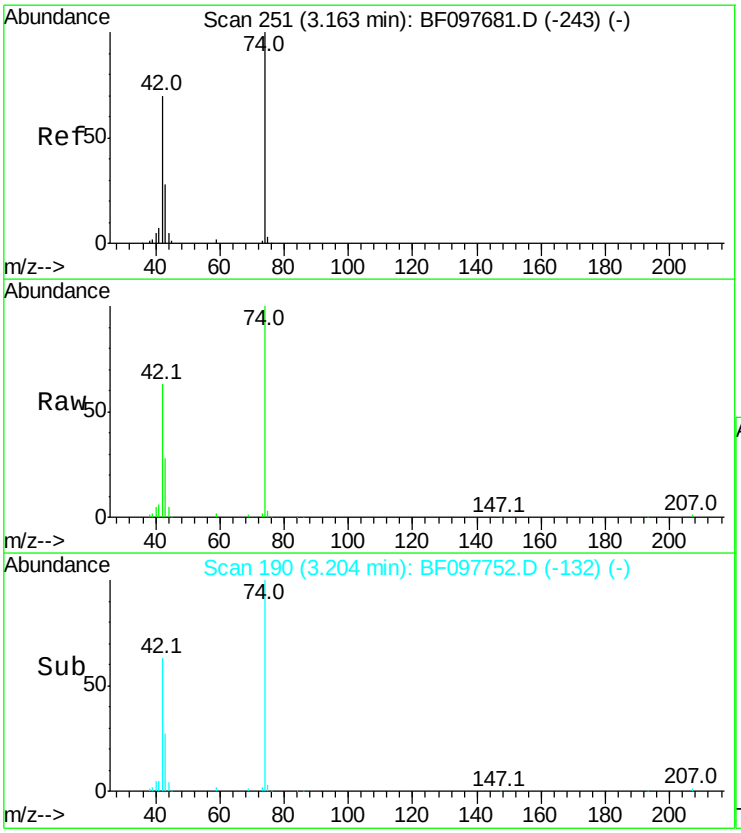
Tgt Ion: 79 Resp: 400025

Ion	Ratio	Lower	Upper
79	100		
52	56.4	54.8	82.2
51	27.9	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

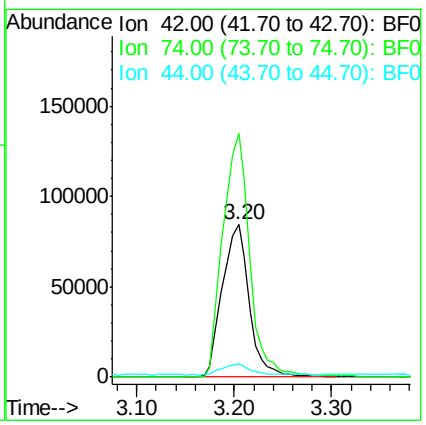
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

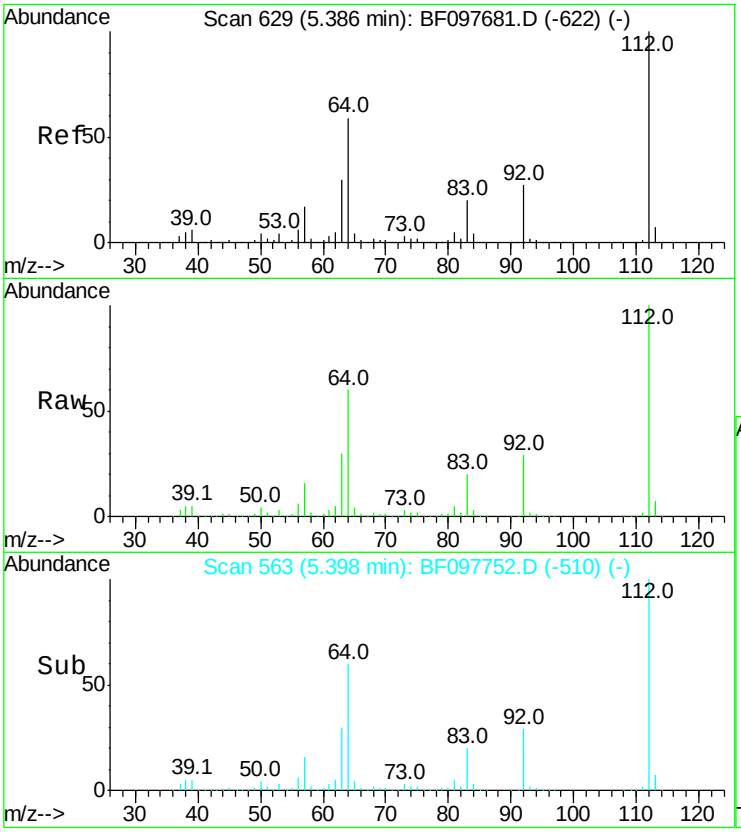


#4
n-Nitrosodimethylamine
Concen: 27.049 ng
RT: 3.20 min Scan# 190
Delta R.T. 0.04 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 42 Resp: 162947

Ion	Ratio	Lower	Upper
42	100		
74	159.8	103.9	155.9#
44	8.6	5.7	8.5#

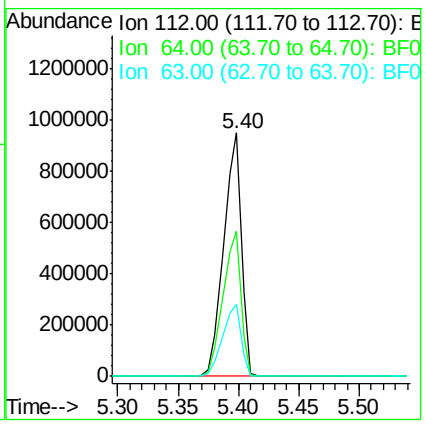




#5
2-Fluorophenol
Concen: 94.873 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

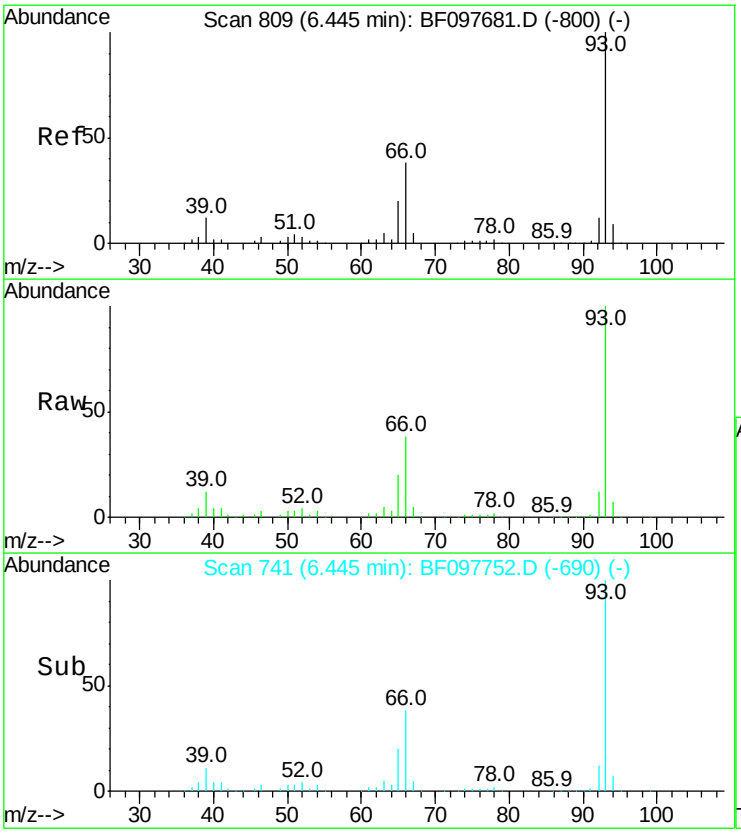
Tgt Ion:112 Resp: 963426

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.0	69.0
63	29.7	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

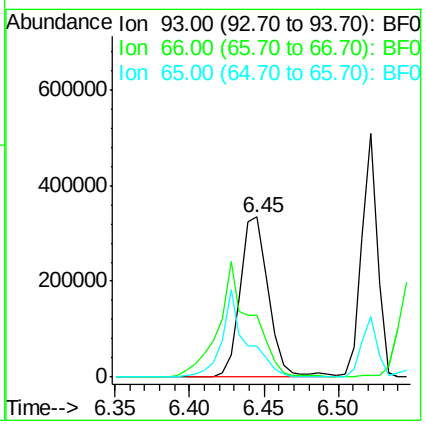
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

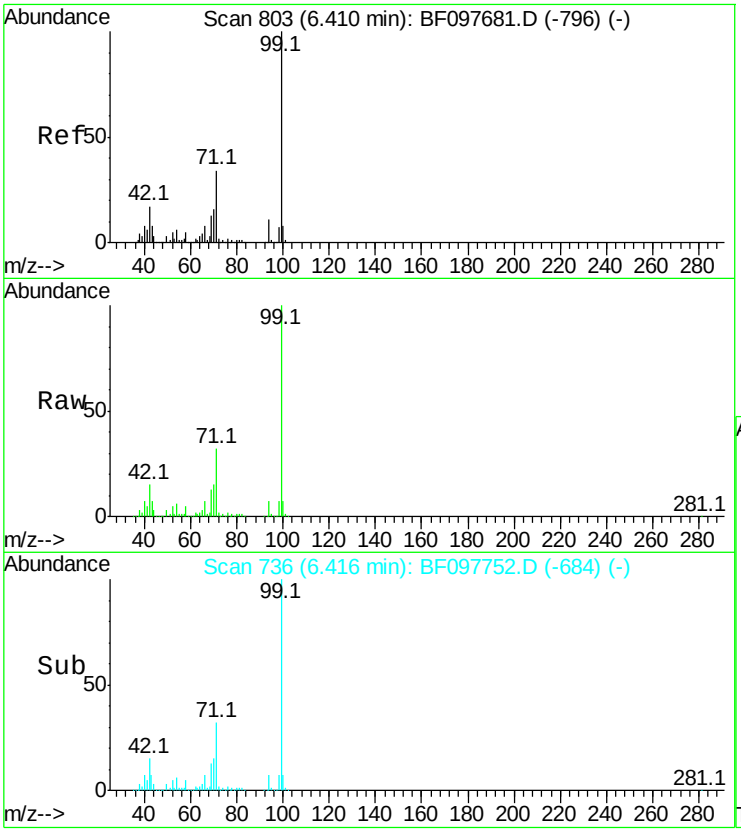


#6
Aniline
Concen: 22.706 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 93 Resp: 440102

Ion	Ratio	Lower	Upper
93	100		
66	38.4	32.9	49.3
65	19.7	16.0	24.0

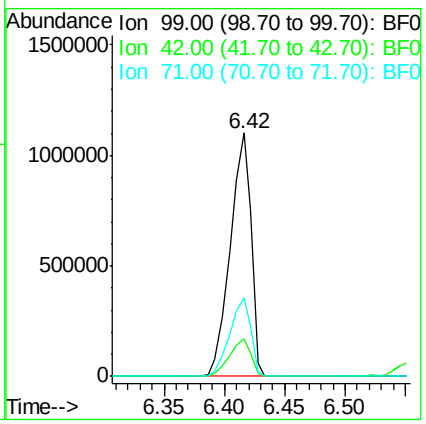




#7
Phenol-d6
Concen: 95.856 ng
RT: 6.42 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

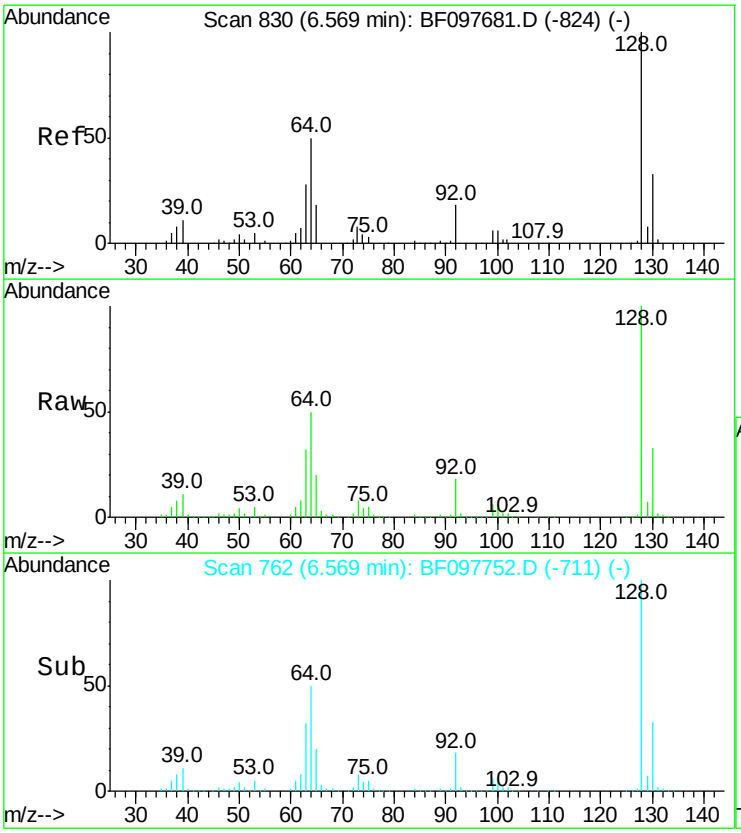
Tgt Ion: 99 Resp: 1322580

Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	32.2	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

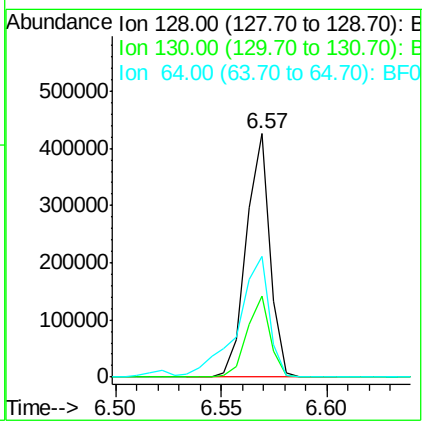
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

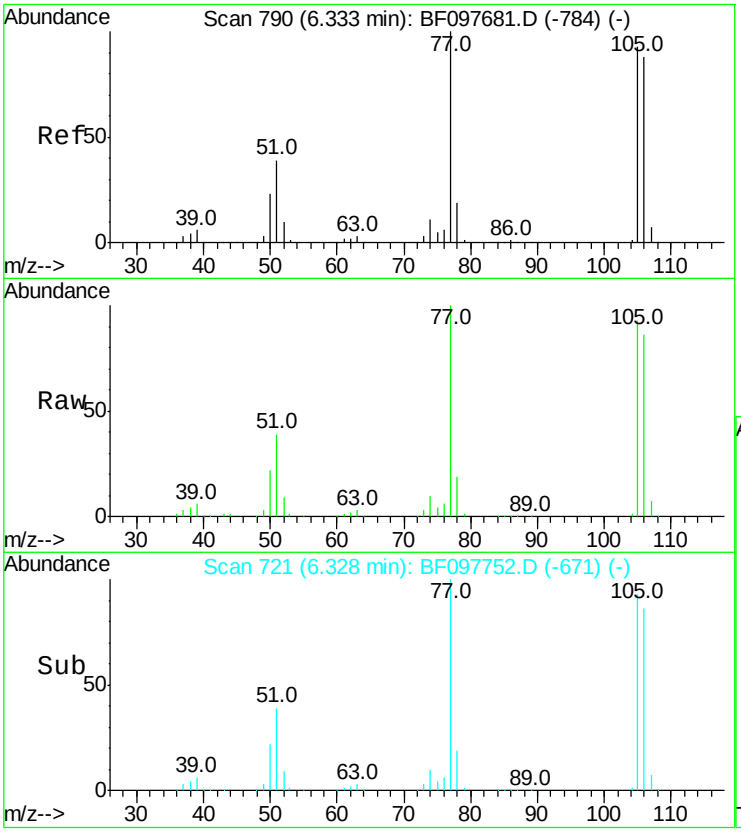


#8
2-Chlorophenol
Concen: 30.804 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:128 Resp: 329890

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.9	52.9
64	49.6	28.4	68.4

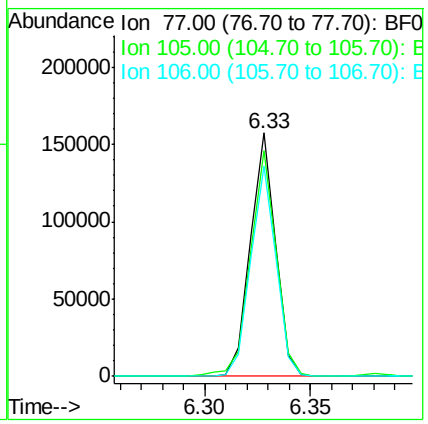




#9
Benzaldehyde
Concen: 15.007 ng
RT: 6.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

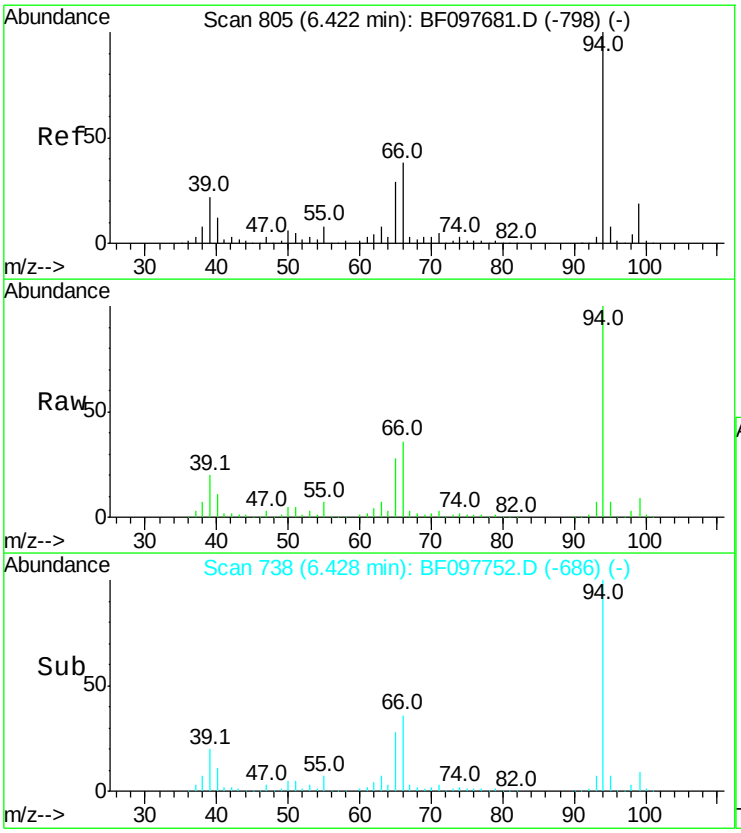
Tgt Ion: 77 Resp: 131150

Ion	Ratio	Lower	Upper
77	100		
105	92.8	83.8	123.8
106	86.3	79.1	119.1



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

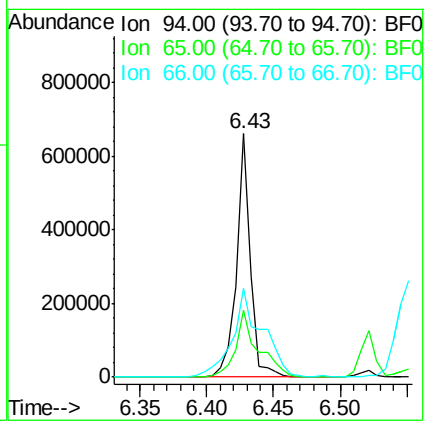
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

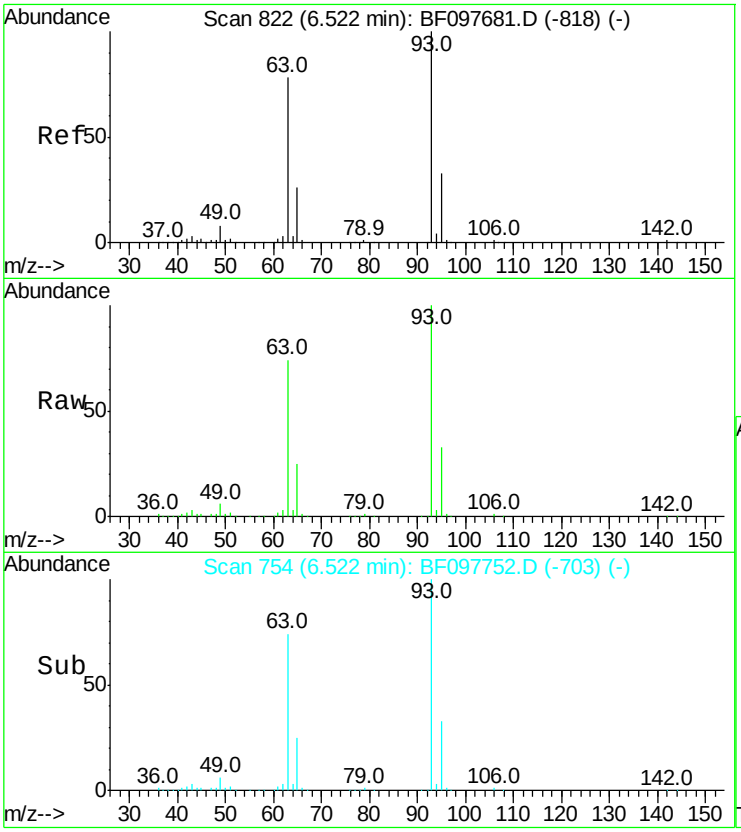


#10
Phenol
Concen: 29.929 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 94 Resp: 482969

Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.9	49.9
66	36.4	23.1	63.1

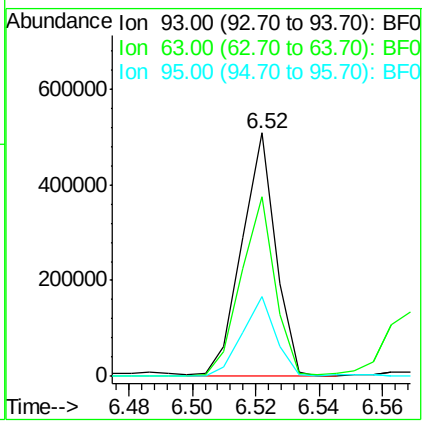




#11
bis(2-Chloroethyl)ether
Concen: 30.690 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

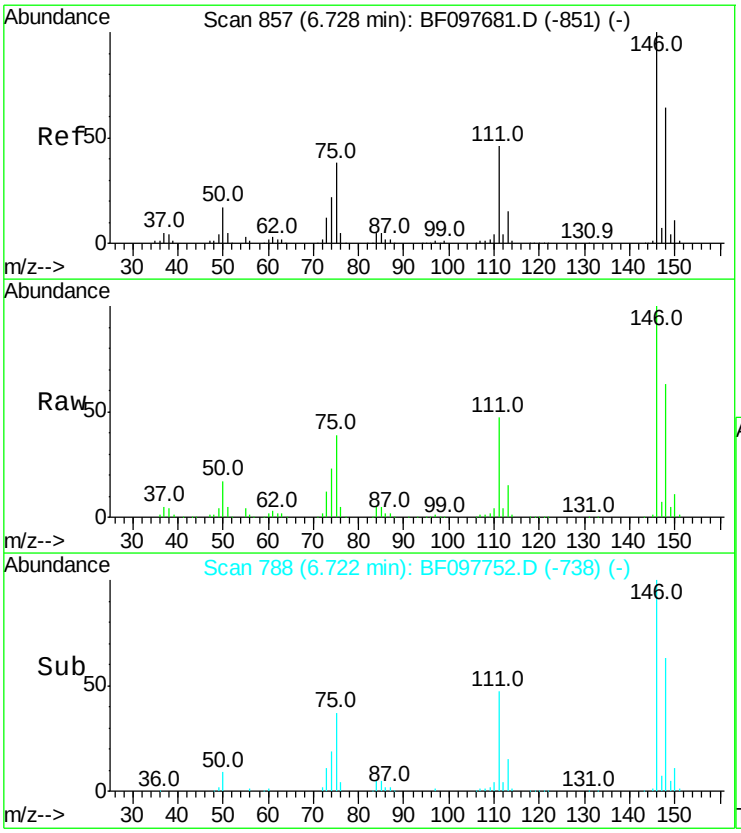
Tgt Ion: 93 Resp: 373791

Ion	Ratio	Lower	Upper
93	100		
63	73.8	59.2	99.2
95	33.0	12.8	52.8



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

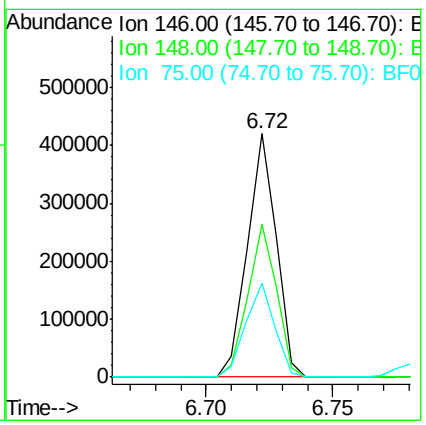
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

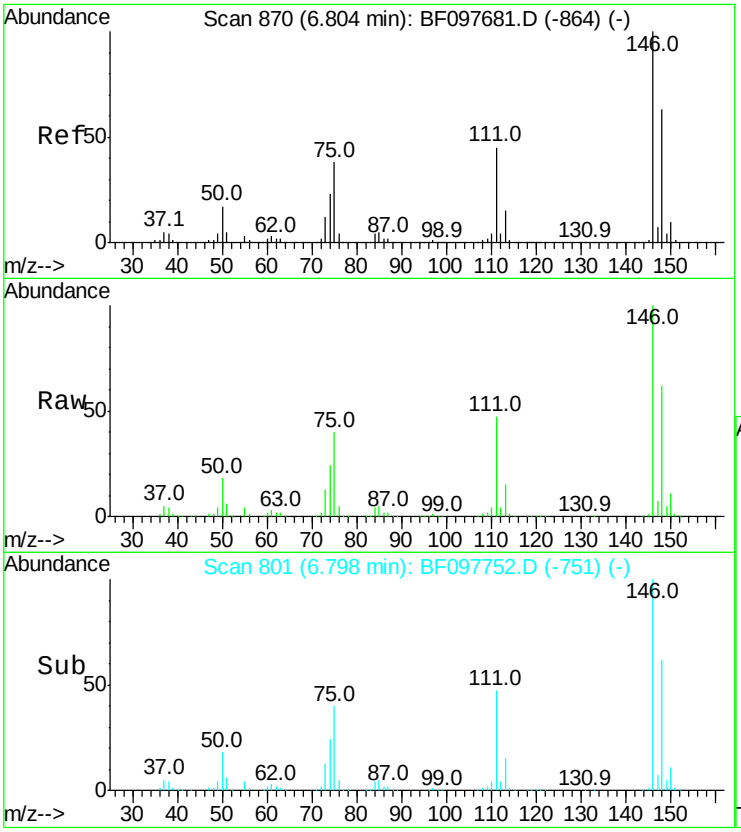


#12
1,3-Dichlorobenzene
Concen: 28.911 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:146 Resp: 333042

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.6
75	38.6	23.1	34.7#

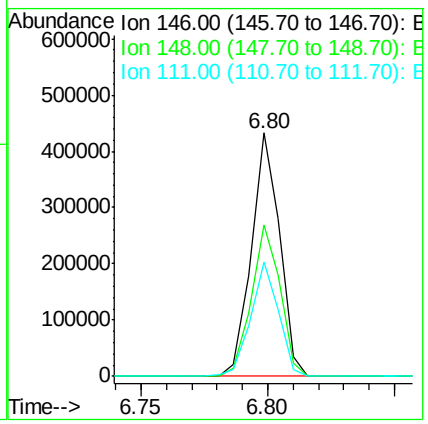




#13
1,4-Dichlorobenzene
Concen: 28.590 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

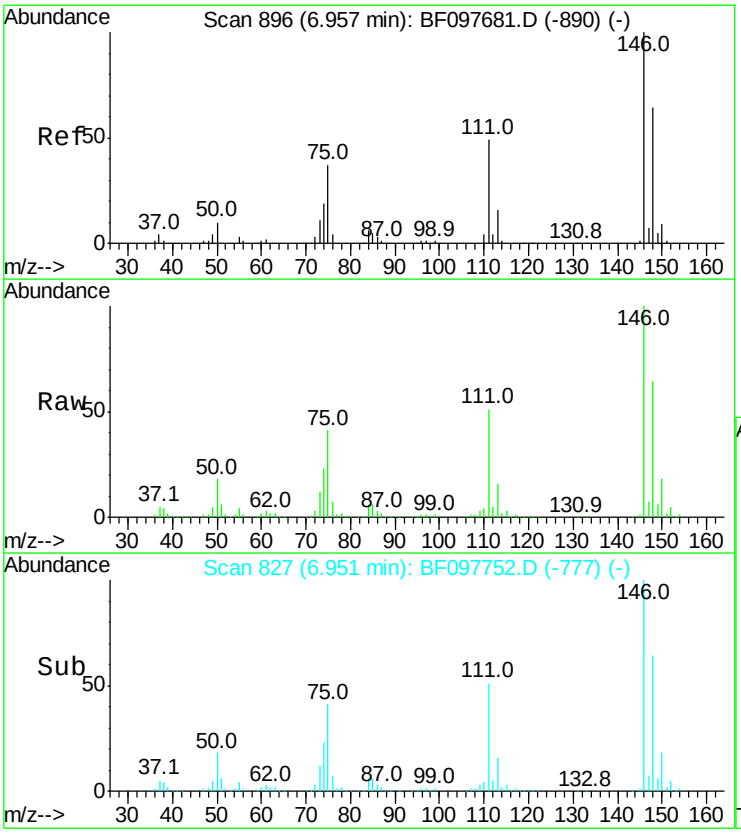
Tgt Ion:146 Resp: 334953

Ion	Ratio	Lower	Upper
146	100		
148	62.4	52.2	78.2
111	47.1	30.3	45.5#



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

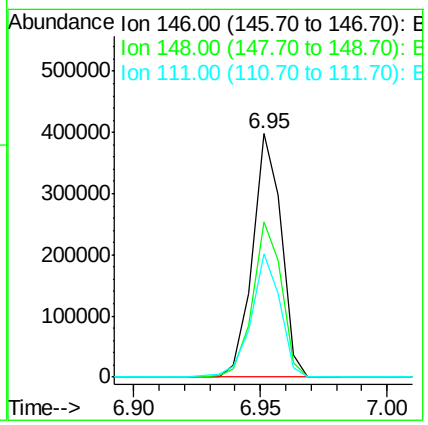
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

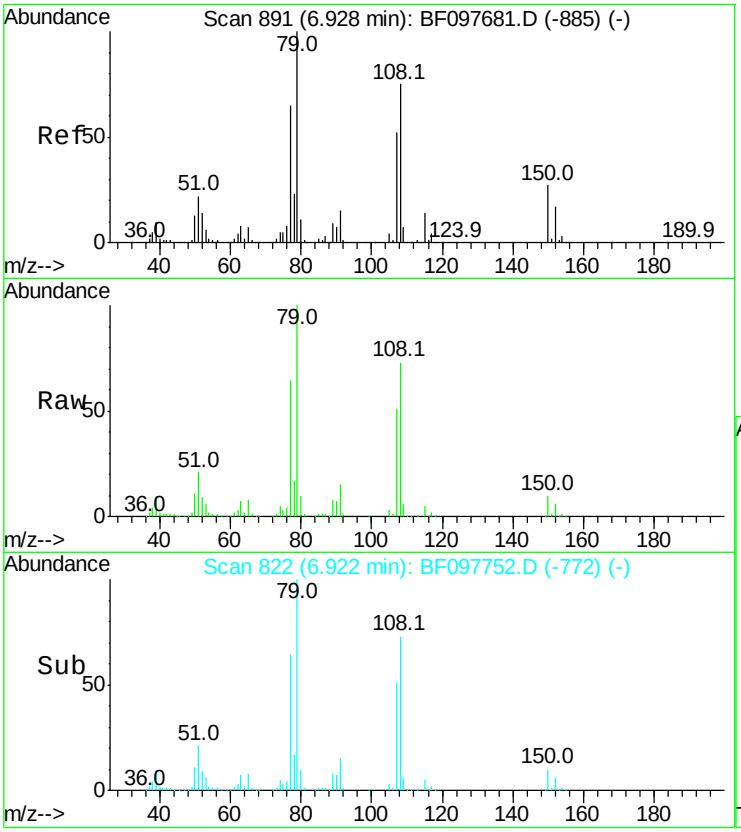


#14
1,2-Dichlorobenzene
Concen: 29.093 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:146 Resp: 314286

Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.4	75.6
111	50.5	38.2	57.4

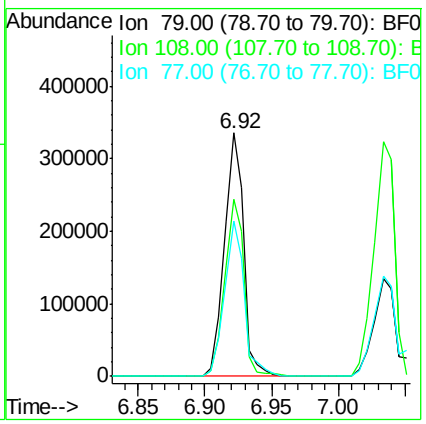




#15
Benzyl Alcohol
Concen: 33.167 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

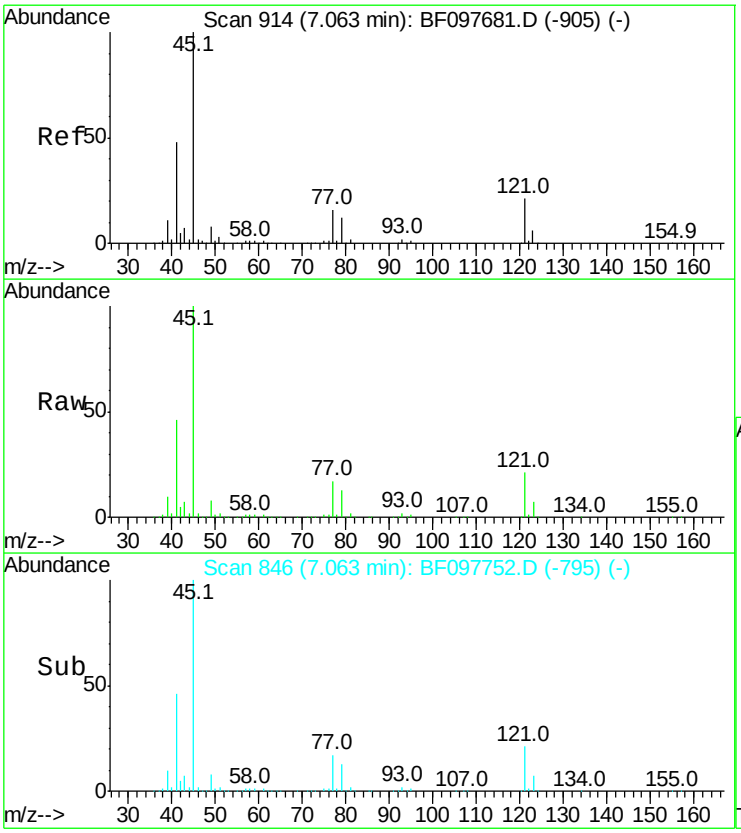
Tgt Ion: 79 Resp: 342616

Ion	Ratio	Lower	Upper
79	100		
108	72.8	63.4	95.0
77	63.9	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

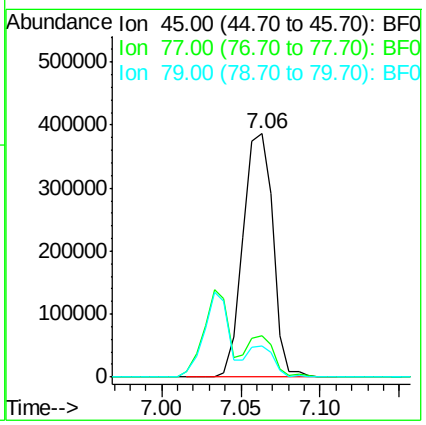
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

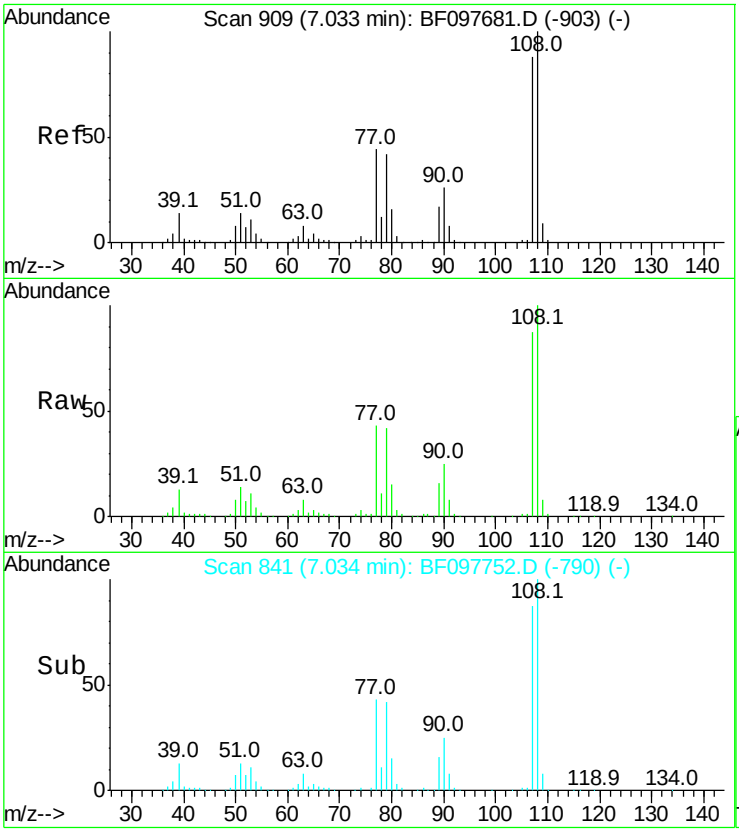


#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.835 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 45 Resp: 505298

Ion	Ratio	Lower	Upper
45	100		
77	17.3	0.0	33.2
79	12.8	0.0	30.0

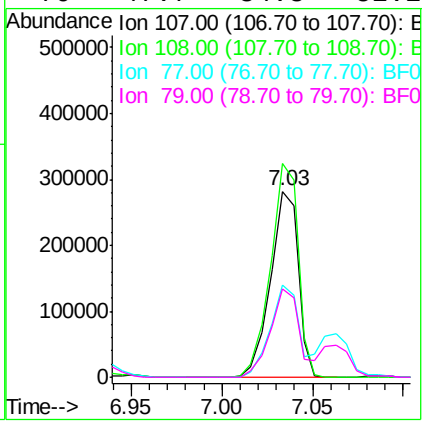




#17
2-Methylphenol
Concen: 31.813 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

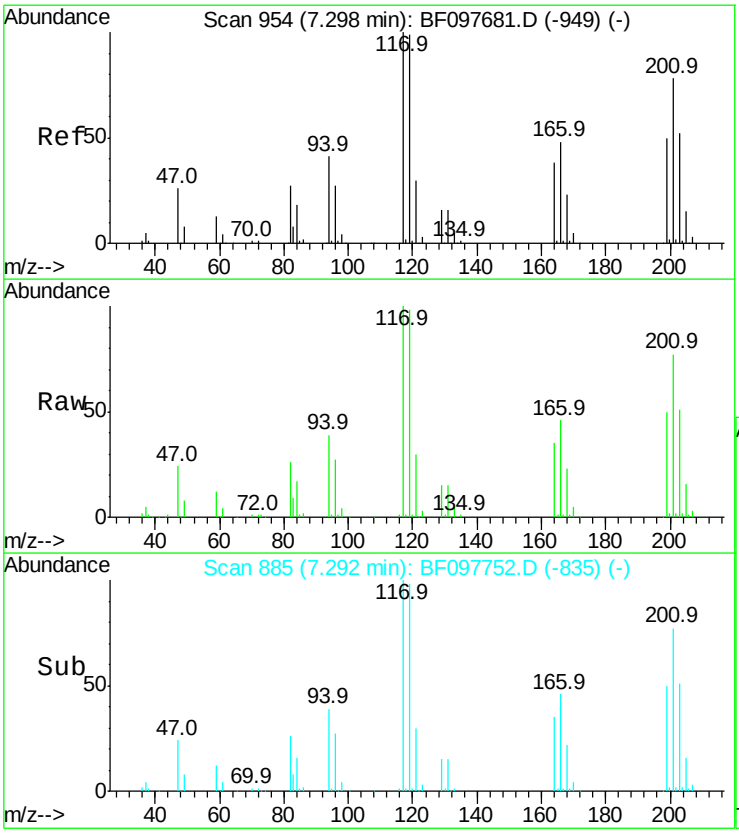
Tgt Ion:107 Resp: 300239

Ion	Ratio	Lower	Upper
107	100		
108	115.0	93.4	140.0
77	49.3	35.8	53.6
79	47.7	34.8	52.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

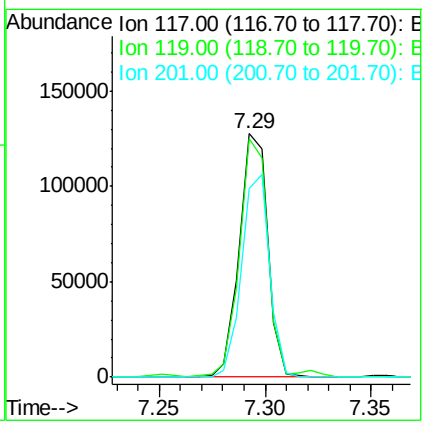
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

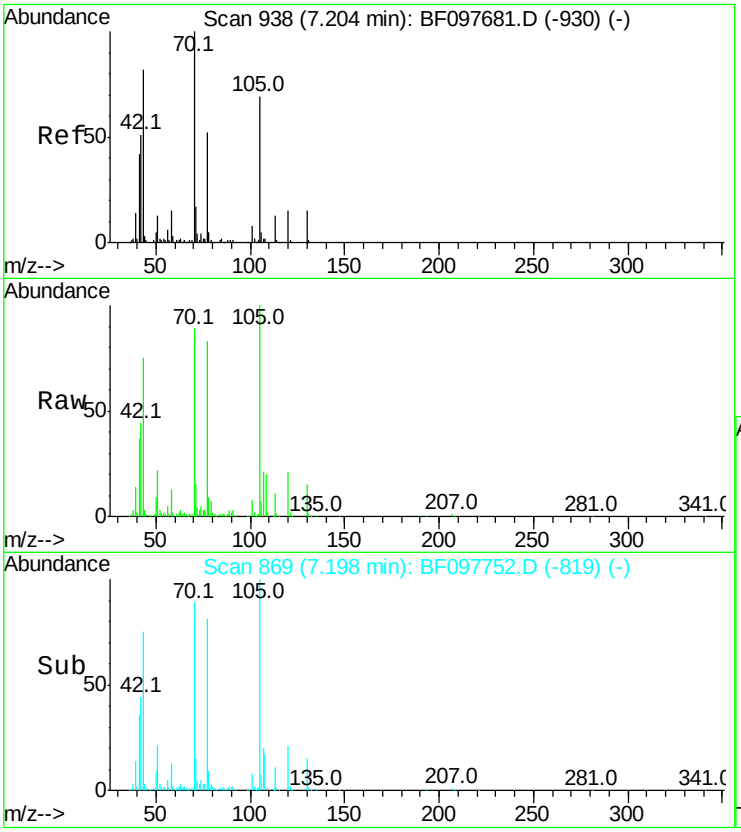


#18
Hexachloroethane
Concen: 25.906 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:117 Resp: 118993

Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
201	77.3	94.6	141.8#

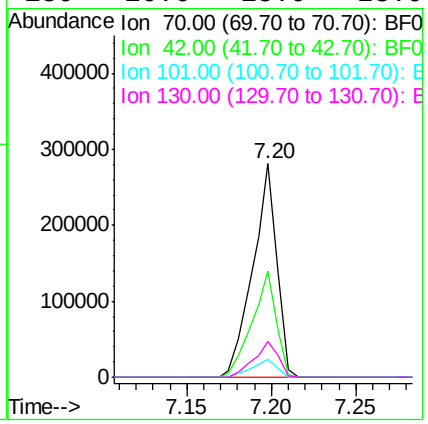




#19
n-Nitroso-di-n-propylamine
Concen: 29.566 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

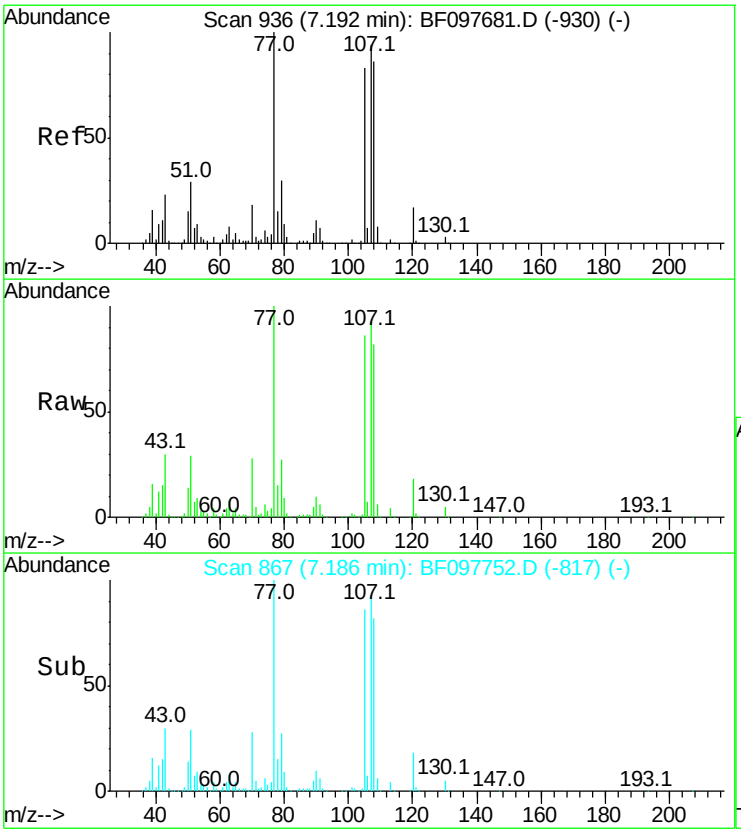
Tgt Ion: 70 Resp: 279260

Ion	Ratio	Lower	Upper
70	100		
42	49.6	47.2	70.8
101	8.4	7.2	10.8
130	16.6	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

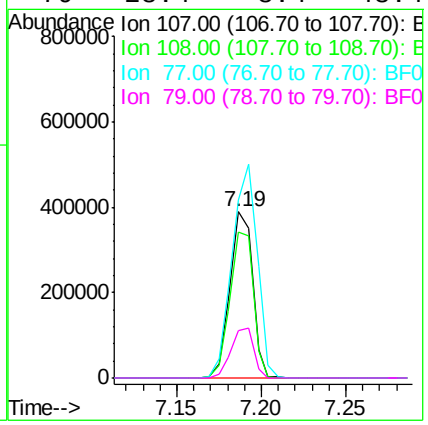
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

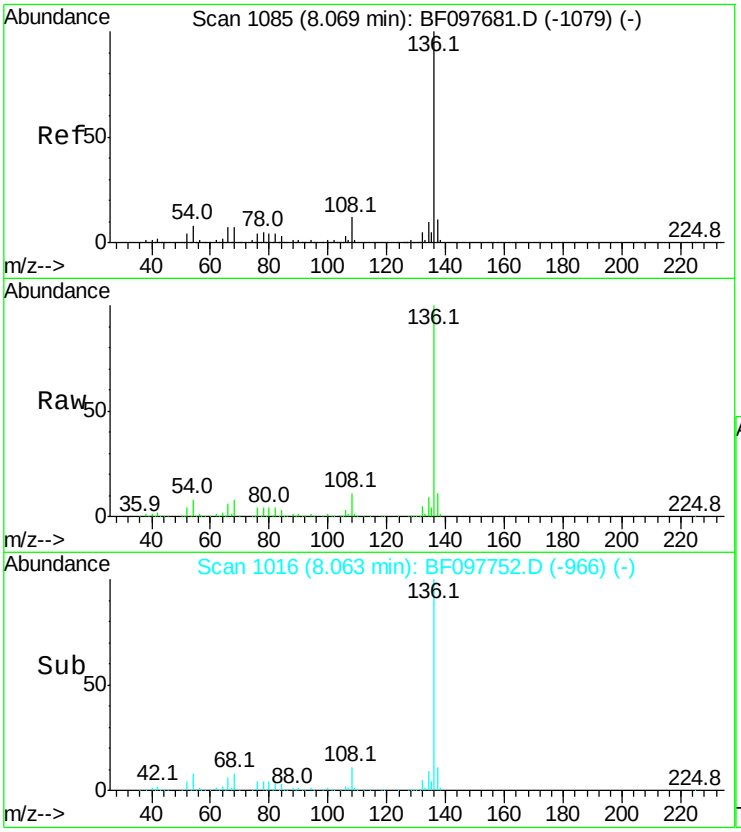


#20
3+4-Methylphenols
Concen: 31.645 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:107 Resp: 364770

Ion	Ratio	Lower	Upper
107	100		
108	88.2	71.0	111.0
77	107.0	90.5	130.5
79	28.4	8.4	48.4

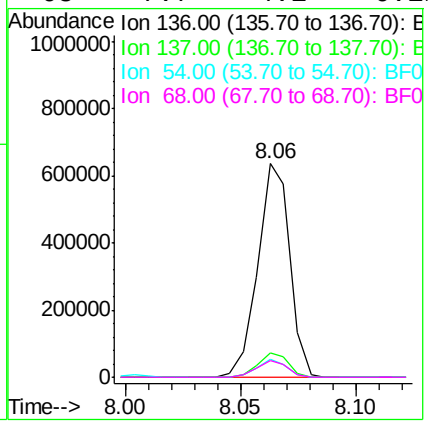




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

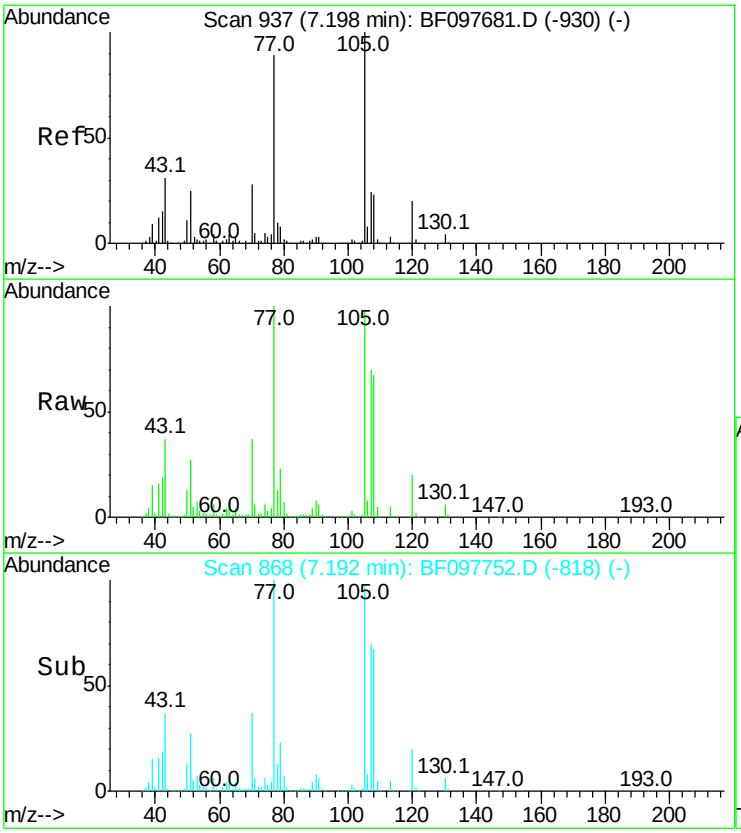
Tgt Ion:136 Resp: 613860

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.1	4.9	7.3#
68	7.7	4.1	6.1#



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

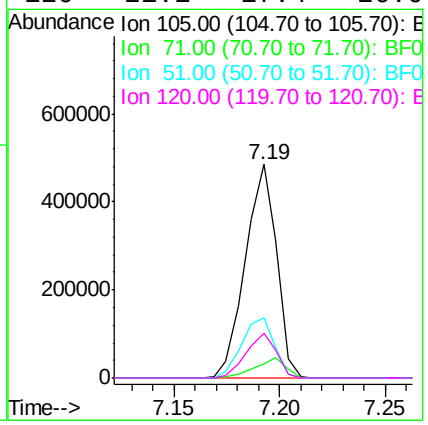
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

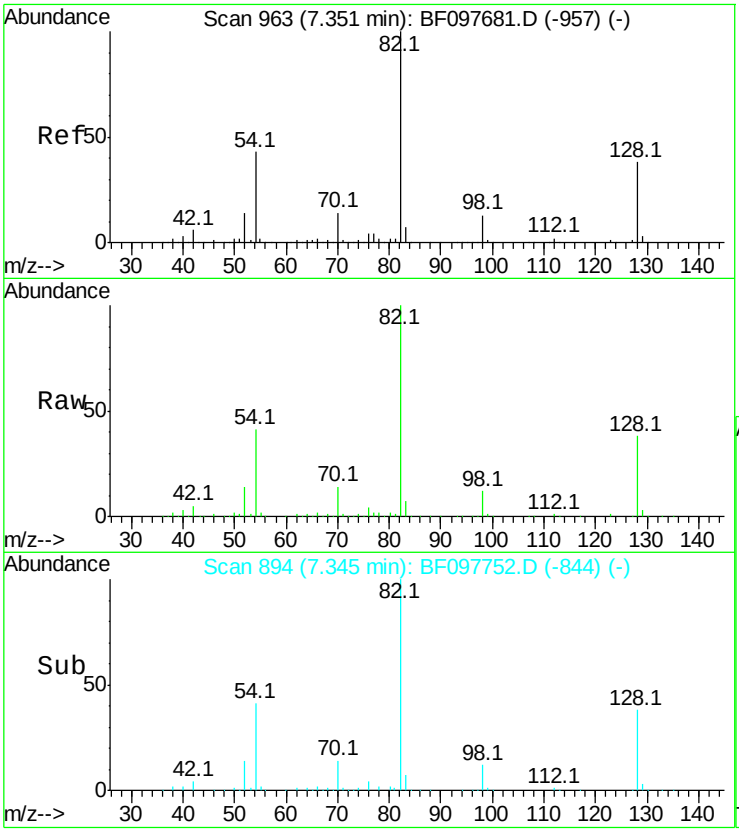


#22
Acetophenone
Concen: 30.628 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:105 Resp: 496691

Ion	Ratio	Lower	Upper
105	100		
71	6.4	2.8	4.2#
51	28.2	30.7	46.1#
120	21.1	17.4	26.0

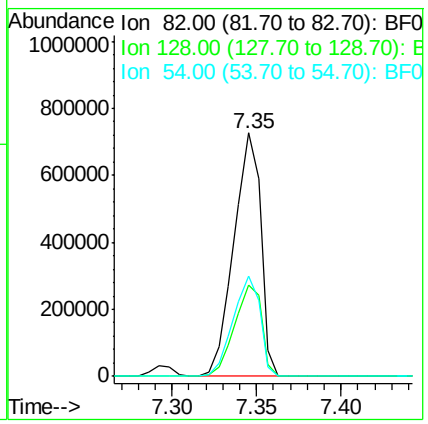




#23
Nitrobenzene-d5
Concen: 71.417 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

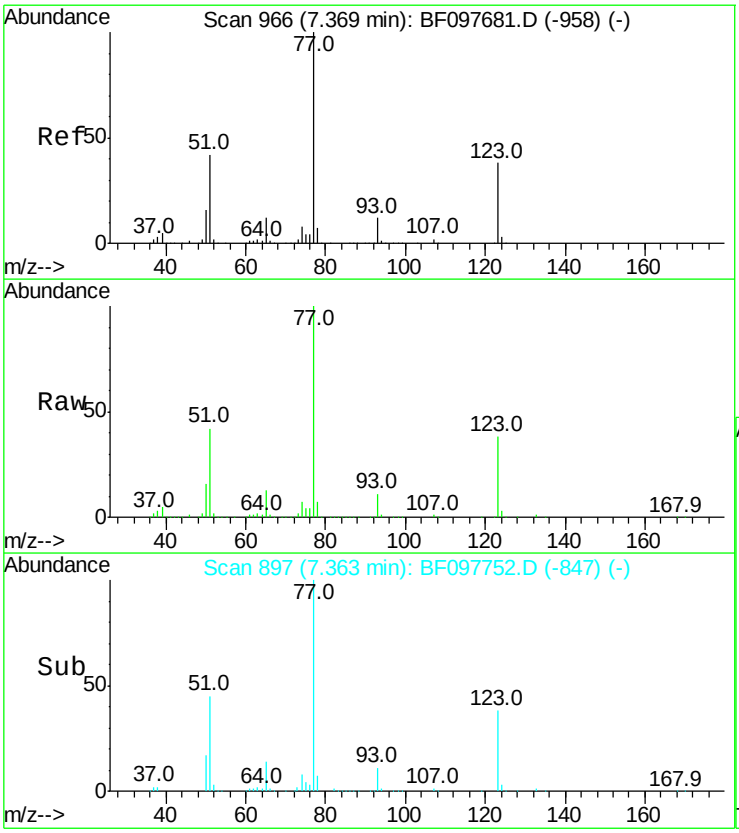
Tgt Ion: 82 Resp: 806998

Ion	Ratio	Lower	Upper
82	100		
128	37.7	34.0	51.0
54	41.4	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

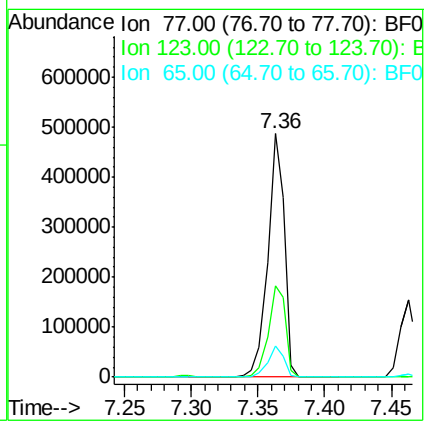
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

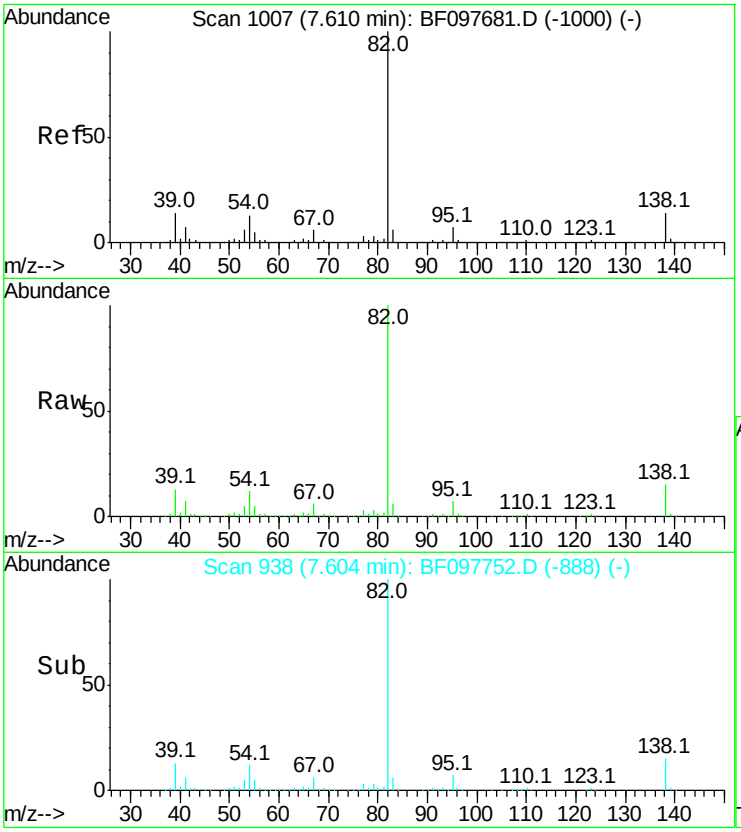


#24
Nitrobenzene
Concen: 33.130 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 77 Resp: 416835

Ion	Ratio	Lower	Upper
77	100		
123	37.6	35.8	53.8
65	12.6	10.6	15.8

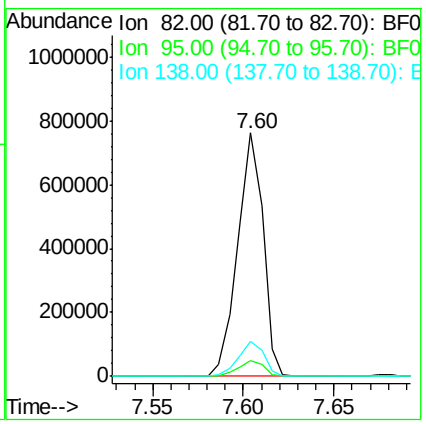




#25
Isophorone
Concen: 31.721 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

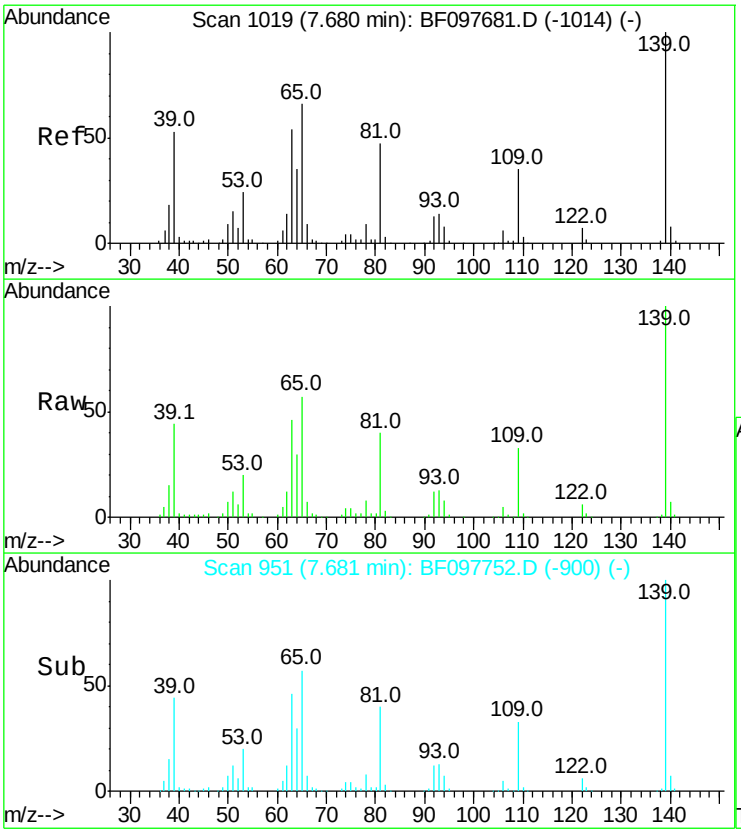
Tgt Ion: 82 Resp: 745323

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	14.6	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

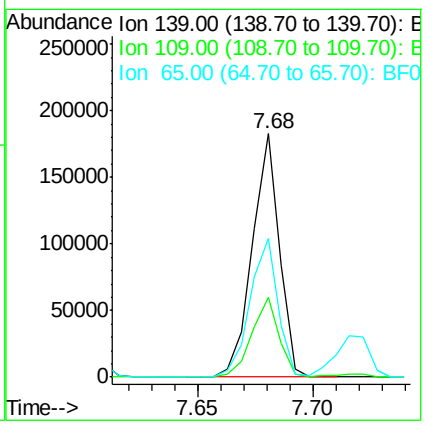
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

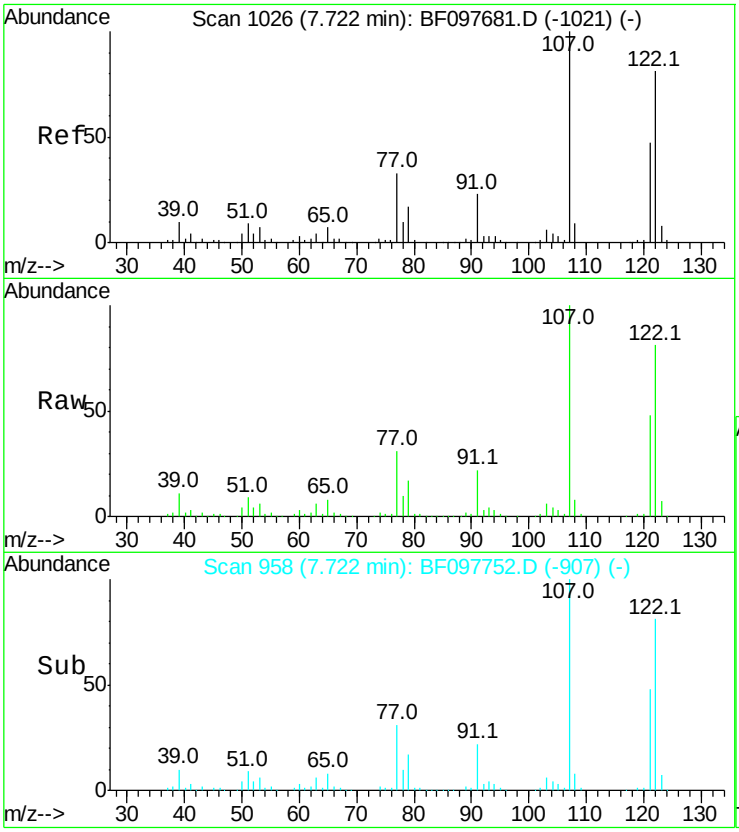


#26
2-Nitrophenol
Concen: 34.539 ng
RT: 7.68 min Scan# 951
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:139 Resp: 149892

Ion	Ratio	Lower	Upper
139	100		
109	32.6	21.0	31.6#
65	56.8	33.0	49.6#

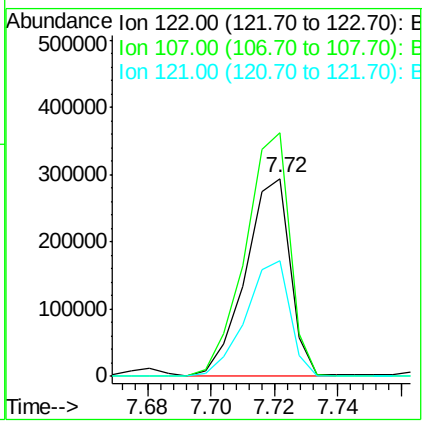




#27
2,4-Dimethylphenol
Concen: 29.590 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

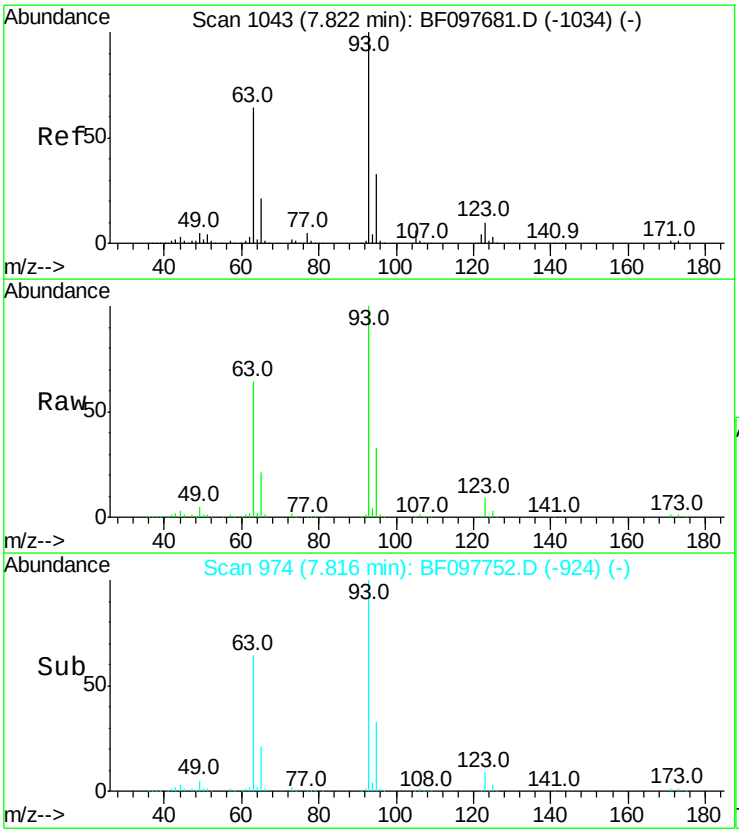
Tgt Ion:122 Resp: 289962

Ion	Ratio	Lower	Upper
122	100		
107	123.1	89.2	133.8
121	58.5	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

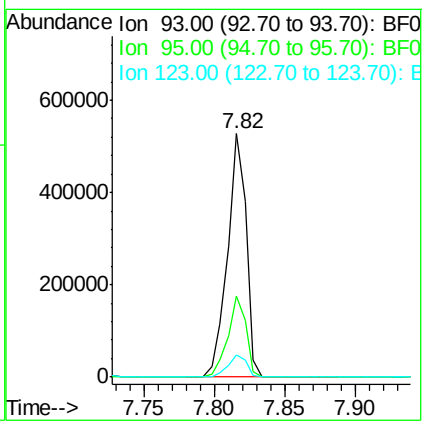
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

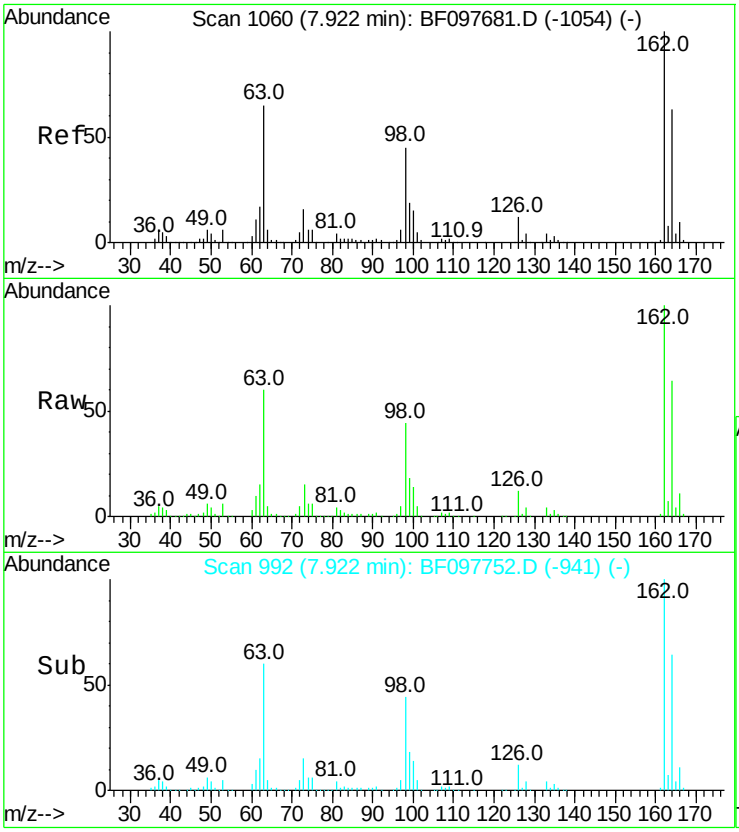


#28
bis(2-Chloroethoxy)methane
Concen: 31.332 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 93 Resp: 483997

Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.5	39.7
123	9.4	9.0	13.4

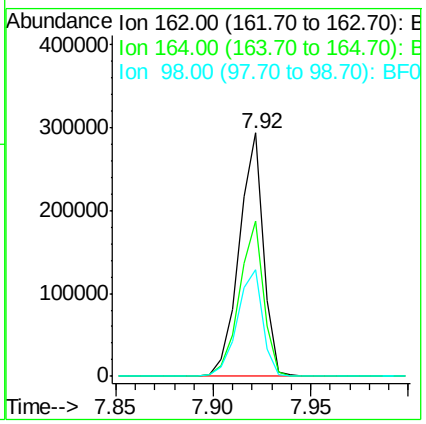




#29
2,4-Dichlorophenol
Concen: 31.052 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

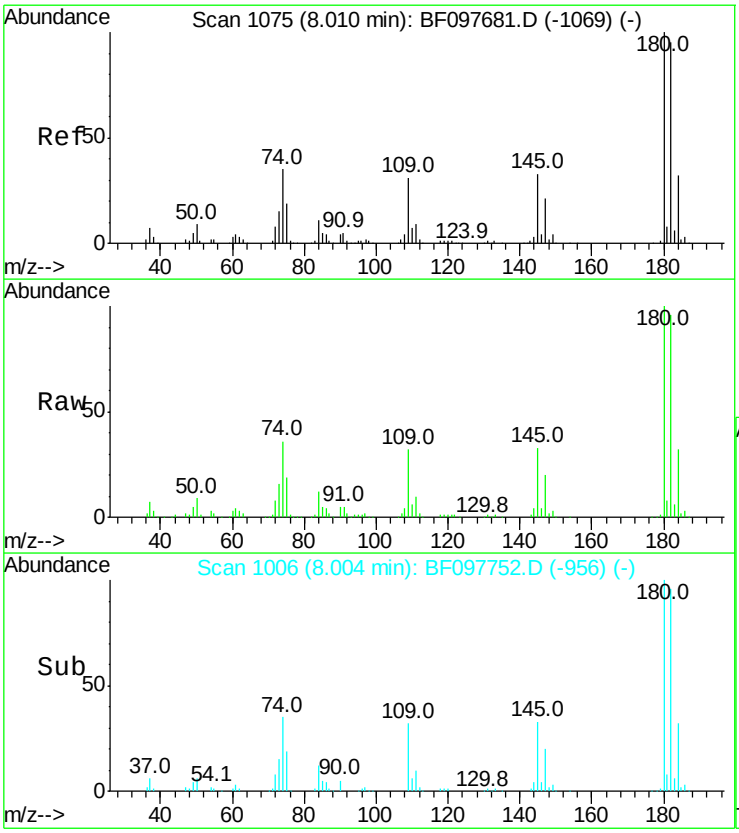
Tgt Ion:162 Resp: 252587

Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.6	84.6
98	43.8	14.8	54.8



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

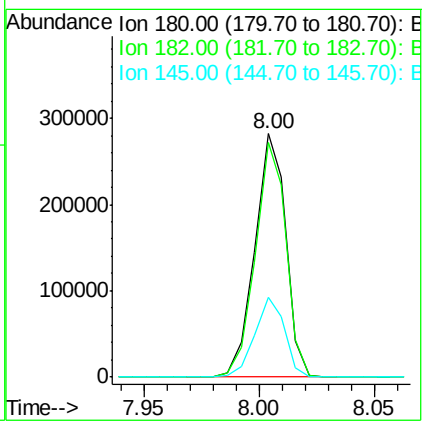
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

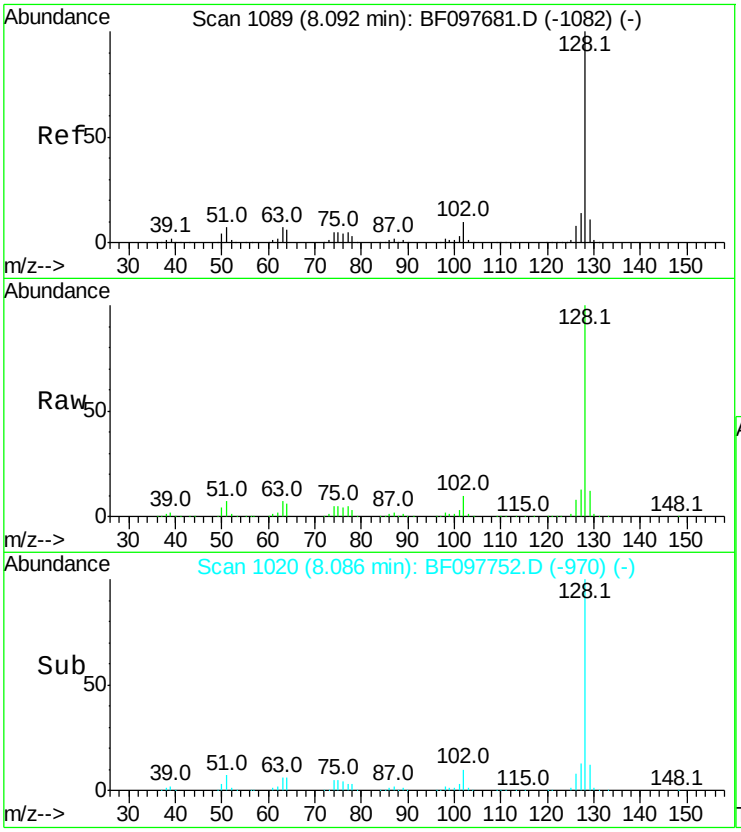


#30
1,2,4-Trichlorobenzene
Concen: 29.254 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:180 Resp: 263796

Ion	Ratio	Lower	Upper
180	100		
182	96.5	75.8	113.6
145	32.8	25.3	37.9

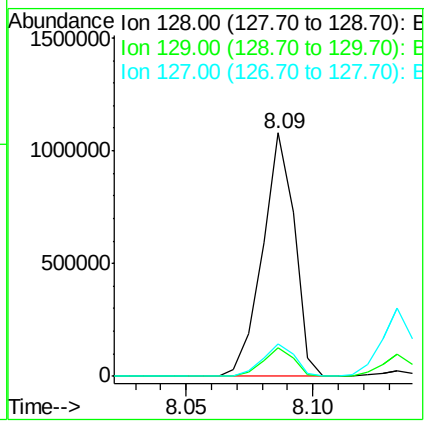




#31
Naphthalene
Concen: 29.983 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

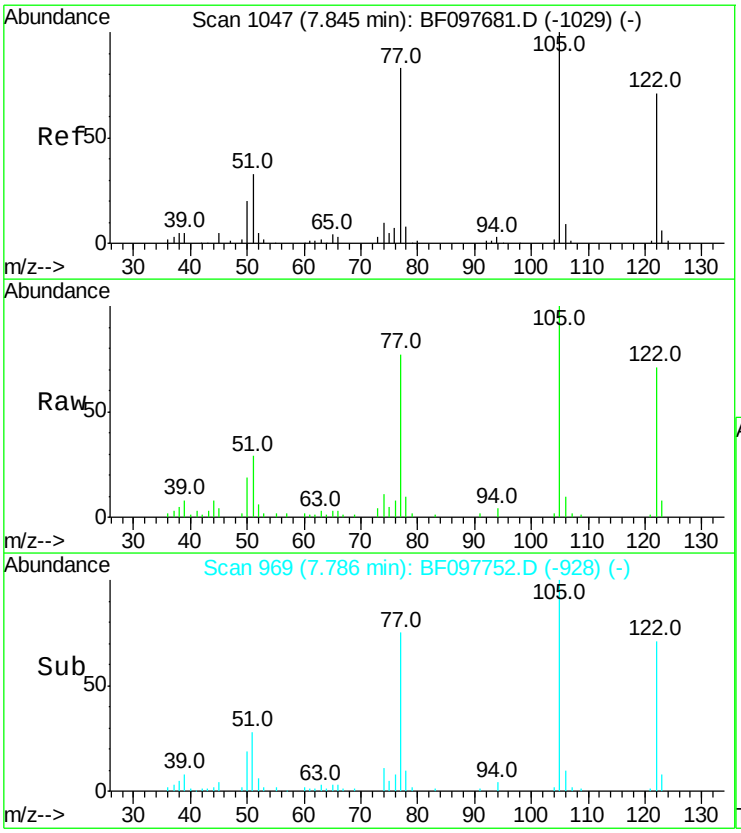
Tgt Ion:128 Resp: 955513

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

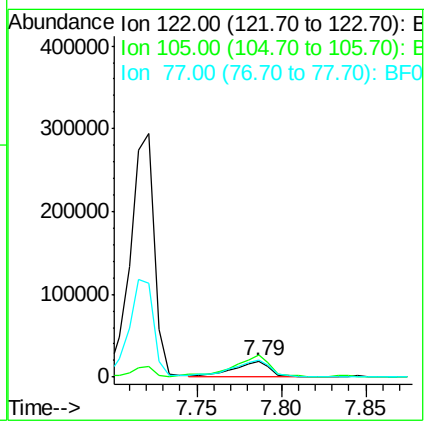
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

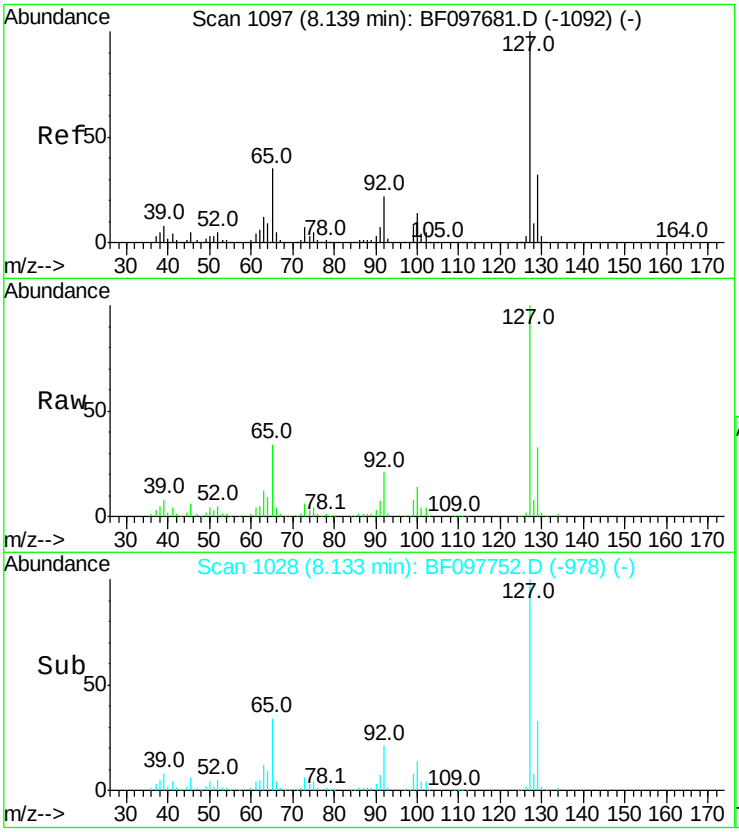


#32
Benzoic acid
Concen: 9.967 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.06 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:122 Resp: 29355

Ion	Ratio	Lower	Upper
122	100		
105	140.6	103.3	143.3
77	108.6	73.7	113.7

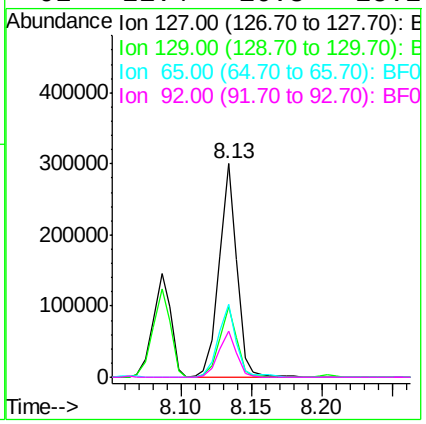




#33
4-Chloroaniline
Concen: 19.383 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

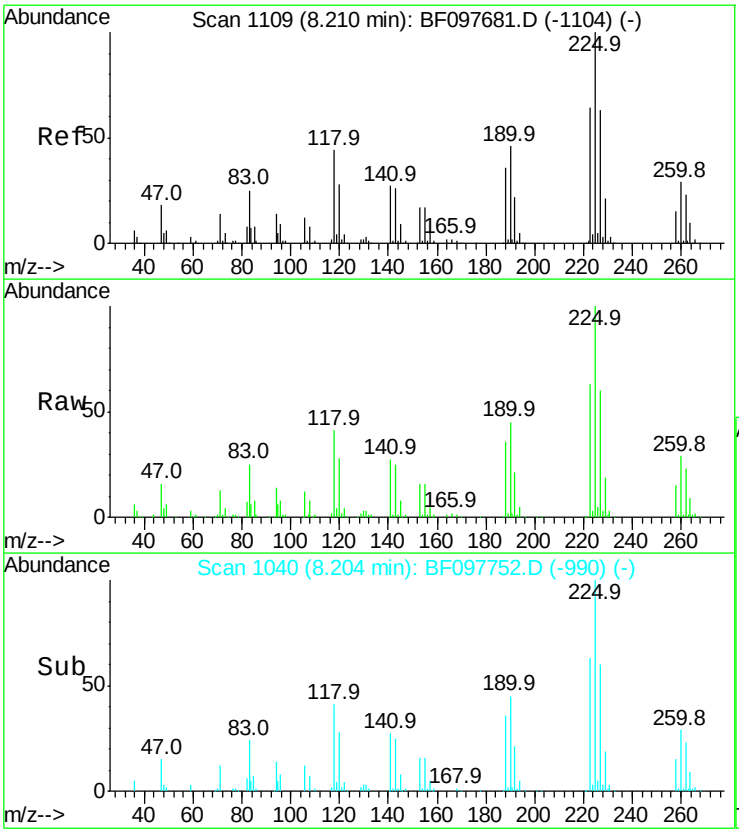
Tgt Ion:127 Resp: 260509

Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	34.1	27.8	41.8
92	21.4	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

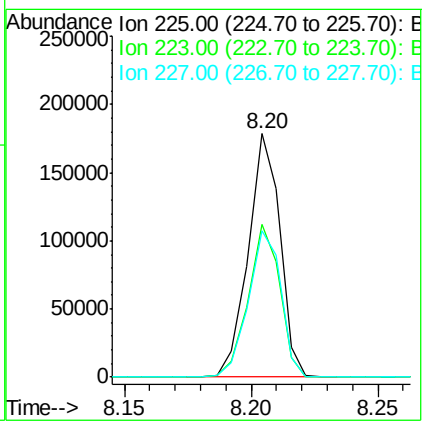
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

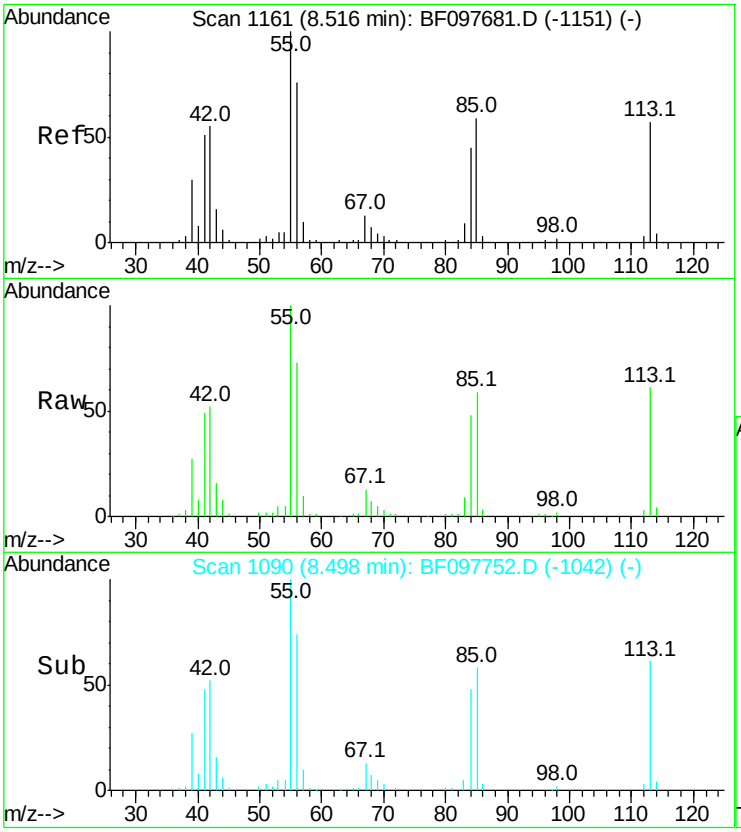


#34
Hexachlorobutadiene
Concen: 29.594 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:225 Resp: 155813

Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	60.3	51.1	76.7

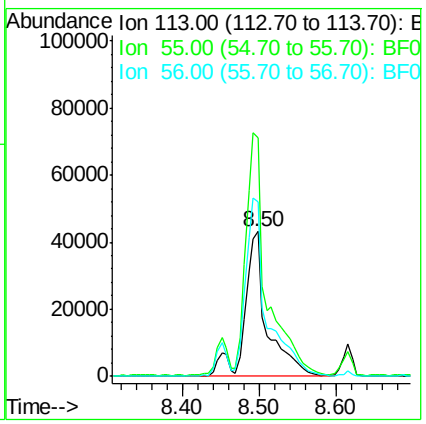




#35
Caprolactam
Concen: 31.706 ng m
RT: 8.50 min Scan# 1090
Delta R.T. -0.02 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

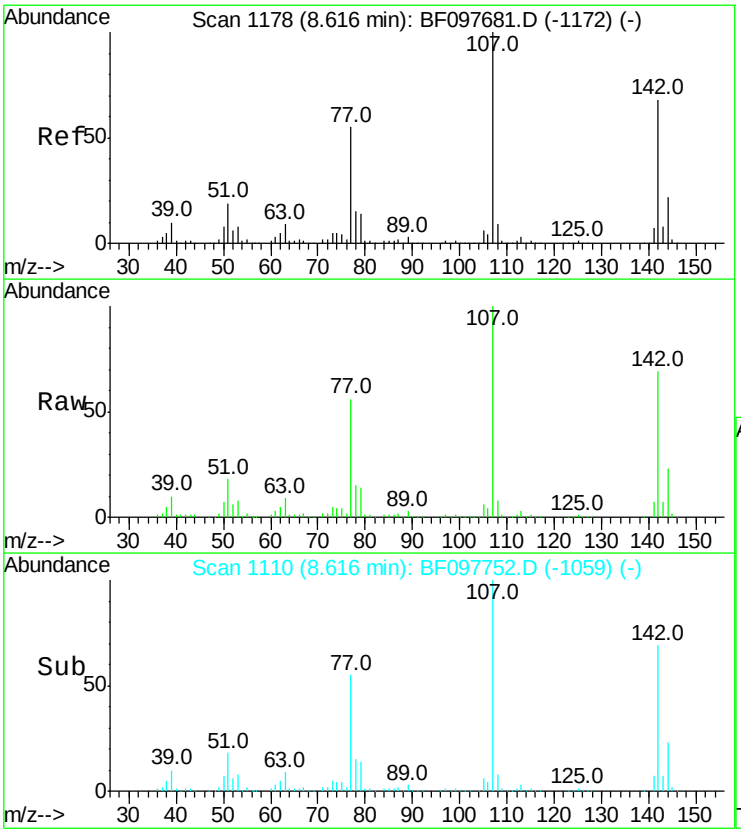
Tgt Ion:113 Resp: 87680

Ion	Ratio	Lower	Upper
113	100		
55	164.6	150.2	190.2
56	120.5	107.8	147.8



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

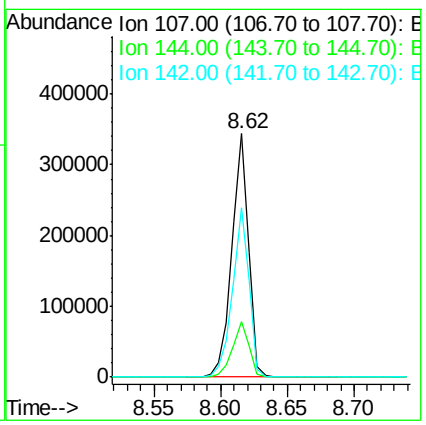
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

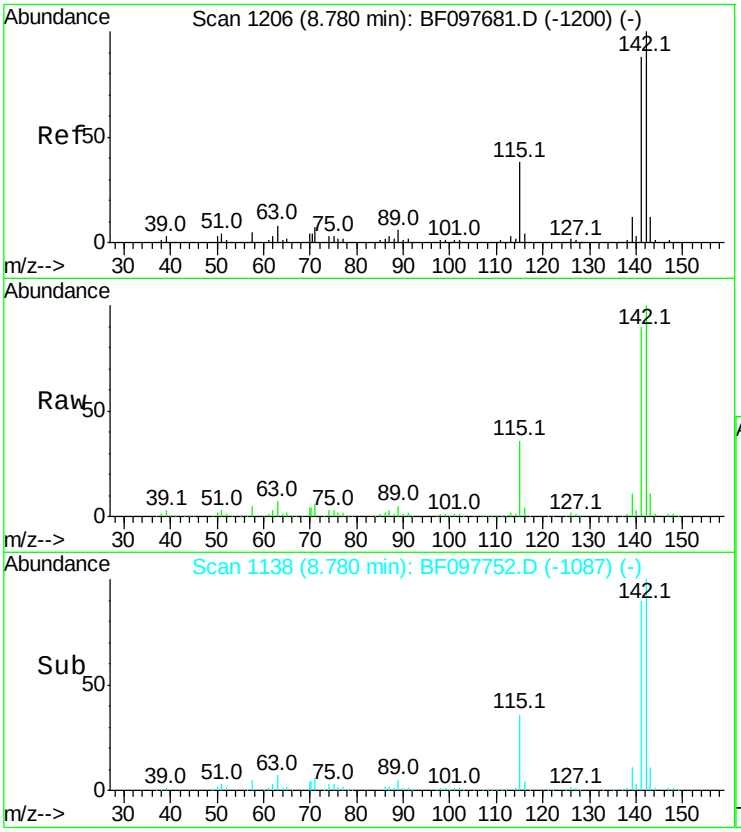


#36
4-Chloro-3-methylphenol
Concen: 29.113 ng
RT: 8.62 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:107 Resp: 304264

Ion	Ratio	Lower	Upper
107	100		
144	22.9	24.2	36.4#
142	69.3	73.4	110.0#

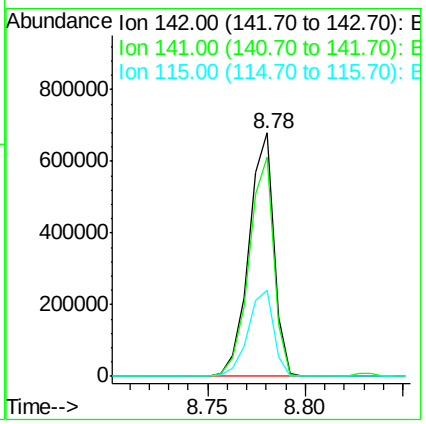




#37
2-Methylnaphthalene
Concen: 30.878 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

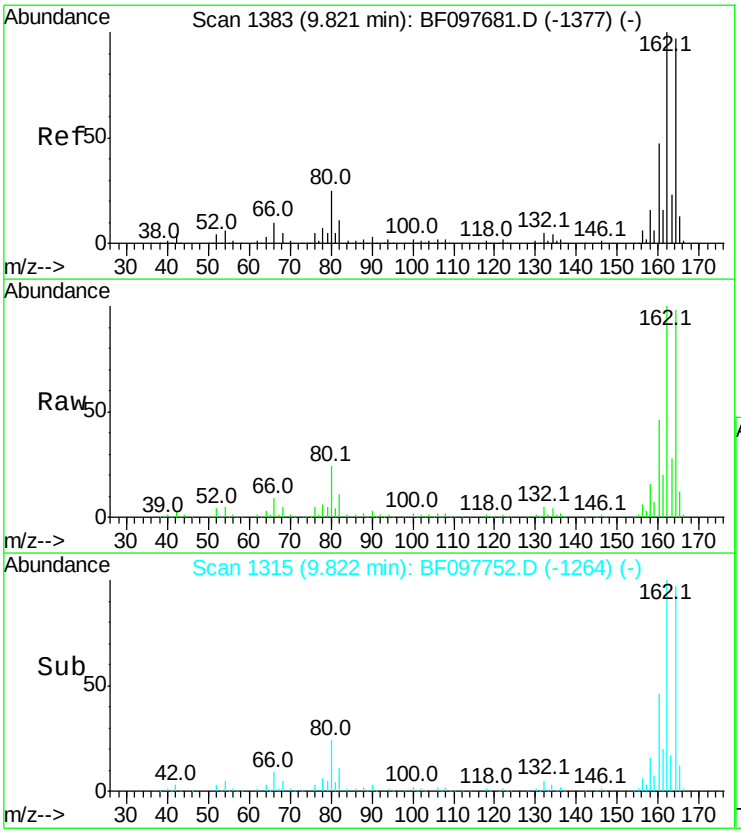
Tgt Ion:142 Resp: 603300

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	35.6	27.1	40.7



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

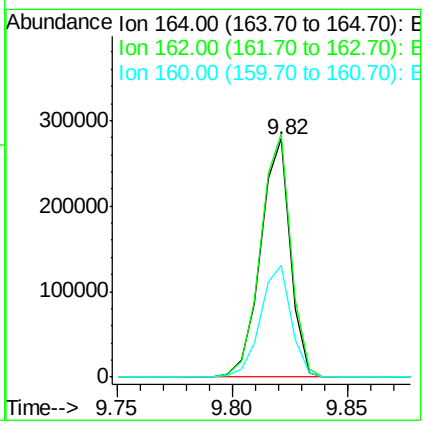
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

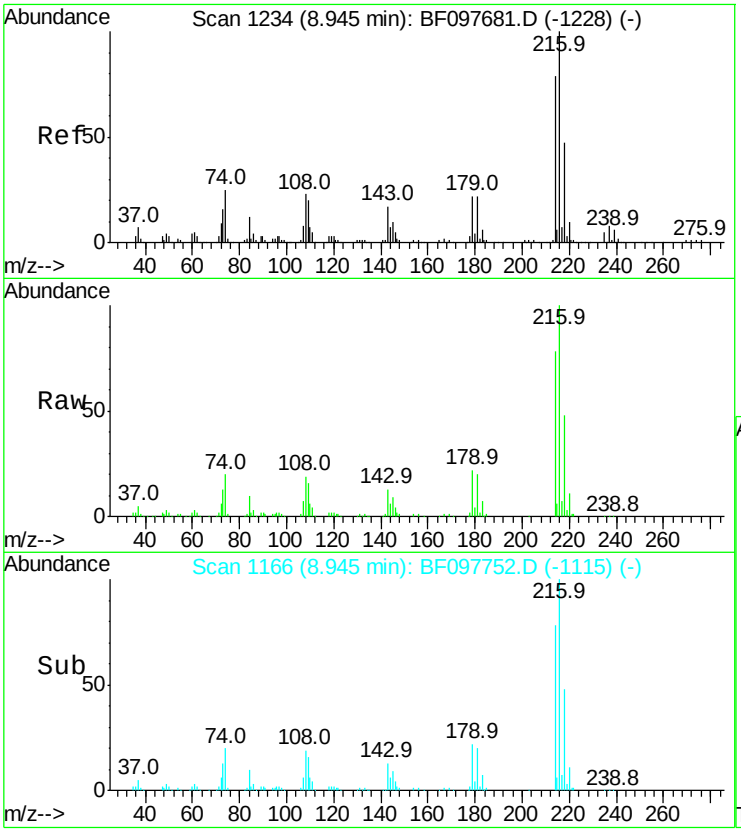


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:164 Resp: 249138

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	123.8
160	47.1	36.2	54.2

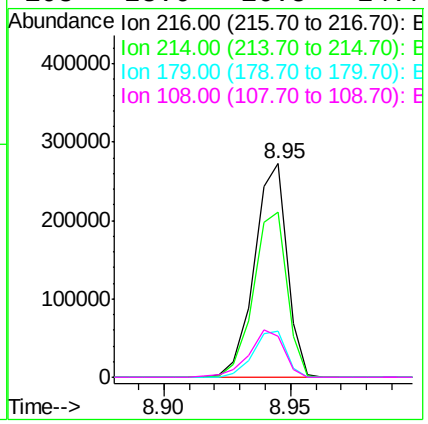




#39
1,2,4,5-Tetrachlorobenzene
Concen: 32.152 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

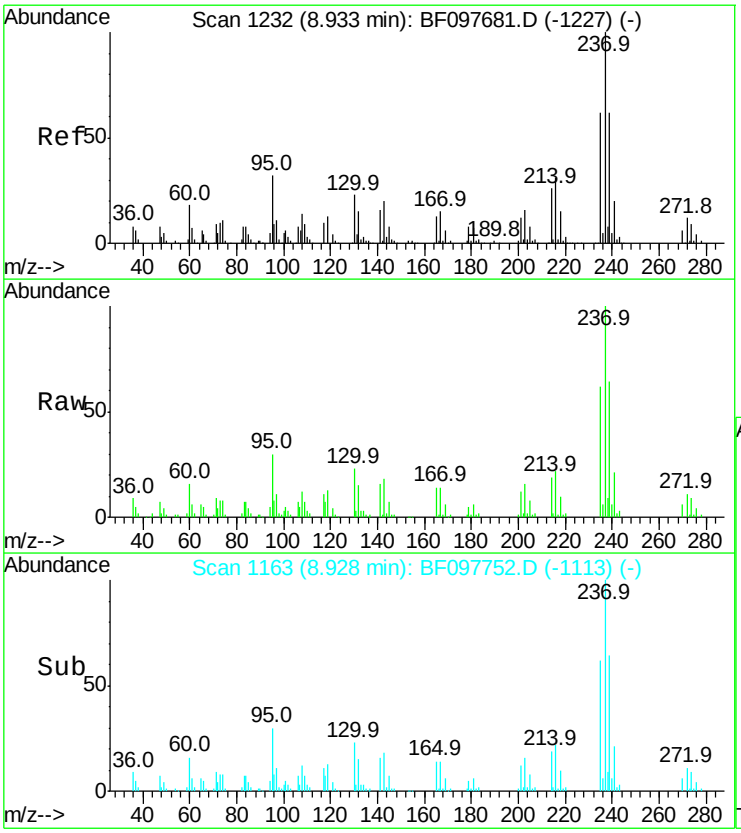
Tgt Ion:216 Resp: 245834

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	22.0	17.9	26.9
108	23.6	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

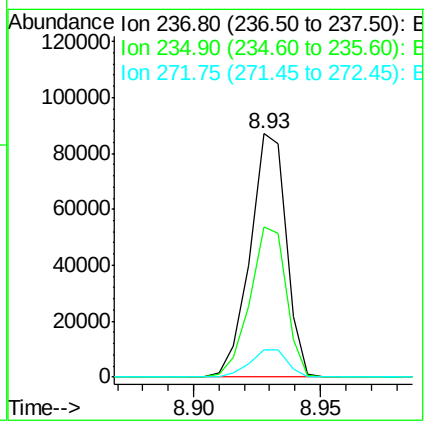
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

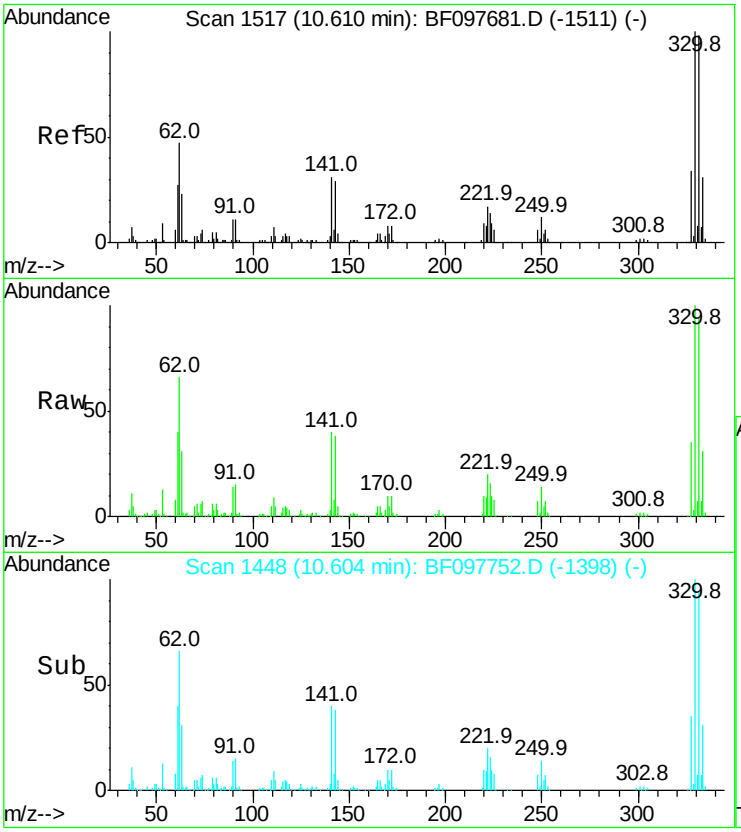


#40
Hexachlorocyclopentadiene
Concen: 23.686 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:237 Resp: 87003

Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.6	82.6
272	11.3	0.0	31.9

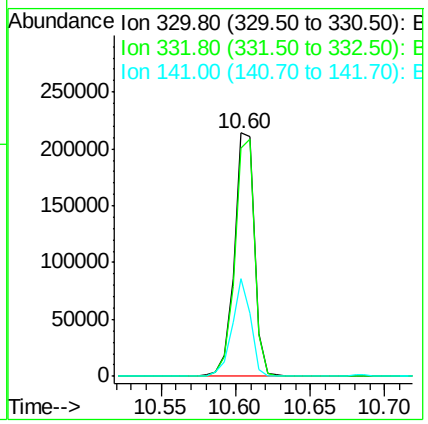




#41
2,4,6-Tribromophenol
Concen: 94.134 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

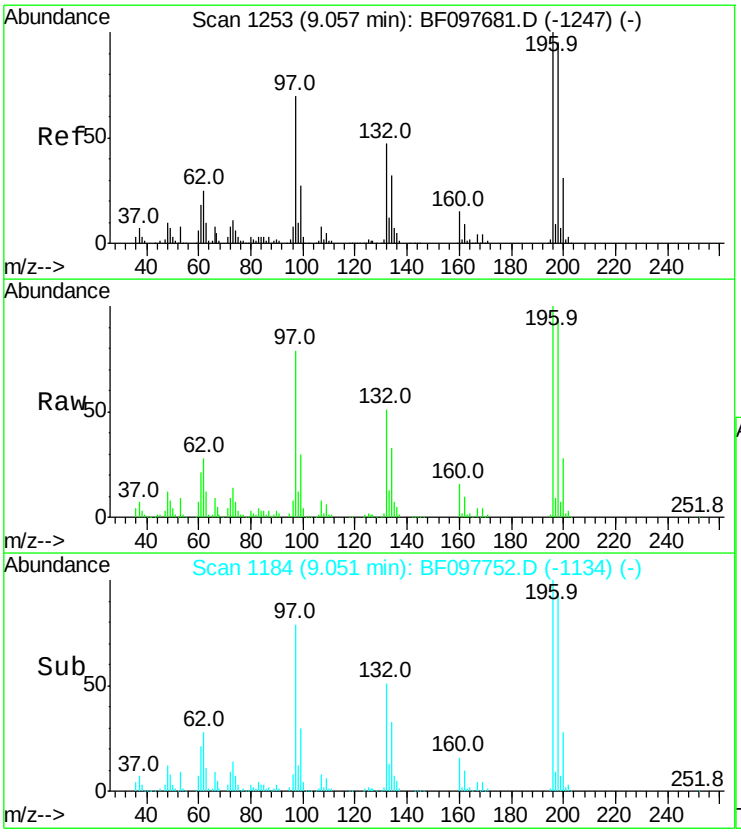
Tgt Ion:330 Resp: 203488

Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	37.1	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

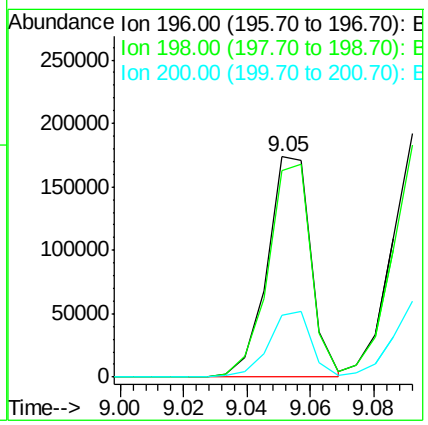
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

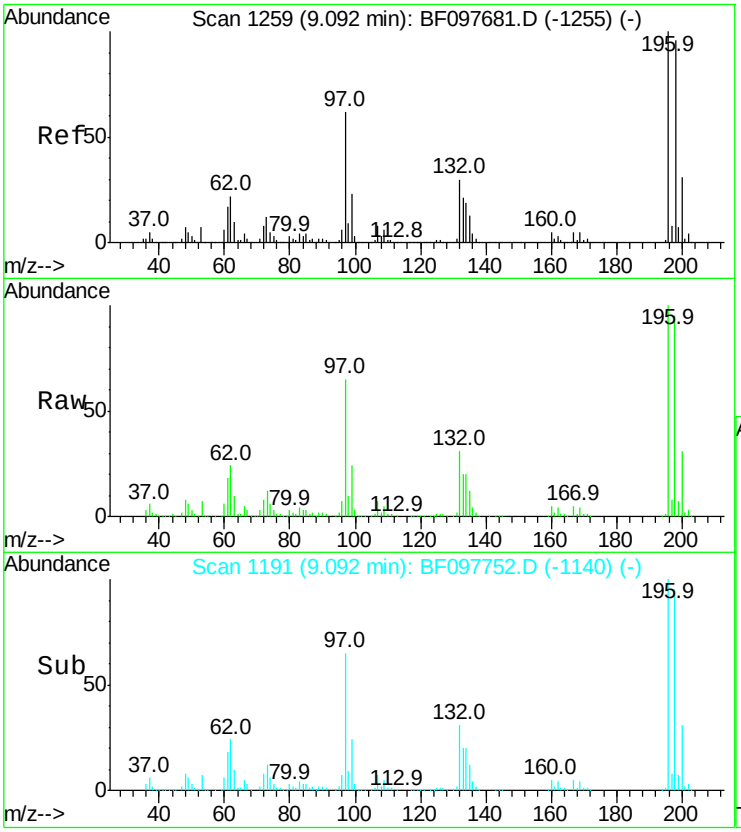


#42
2,4,6-Trichlorophenol
Concen: 32.403 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:196 Resp: 166334

Ion	Ratio	Lower	Upper
196	100		
198	94.0	74.2	111.4
200	28.3	24.0	36.0

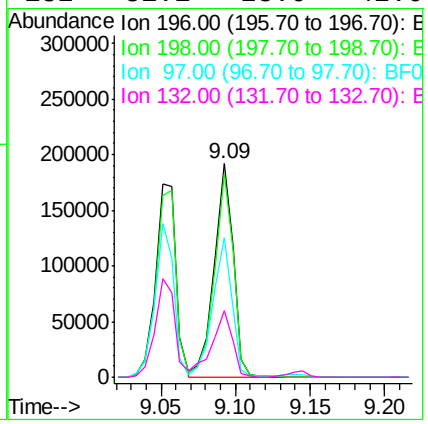




#43
2,4,5-Trichlorophenol
Concen: 33.492 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

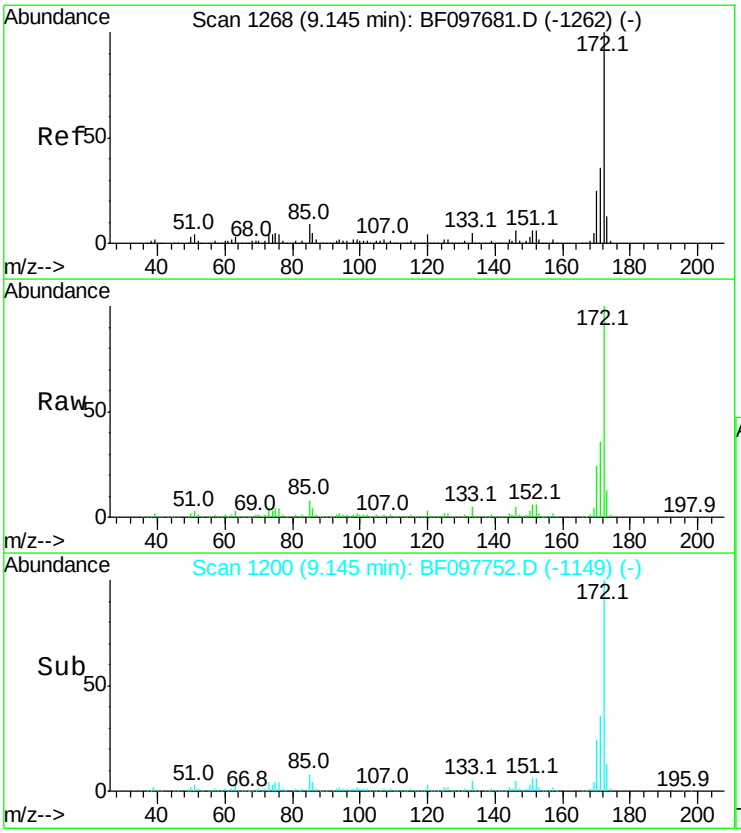
Tgt Ion:196 Resp: 170560

Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.7	113.5
97	65.4	47.7	71.5
132	31.1	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

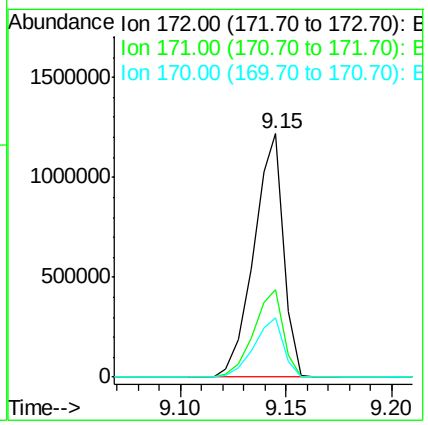
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

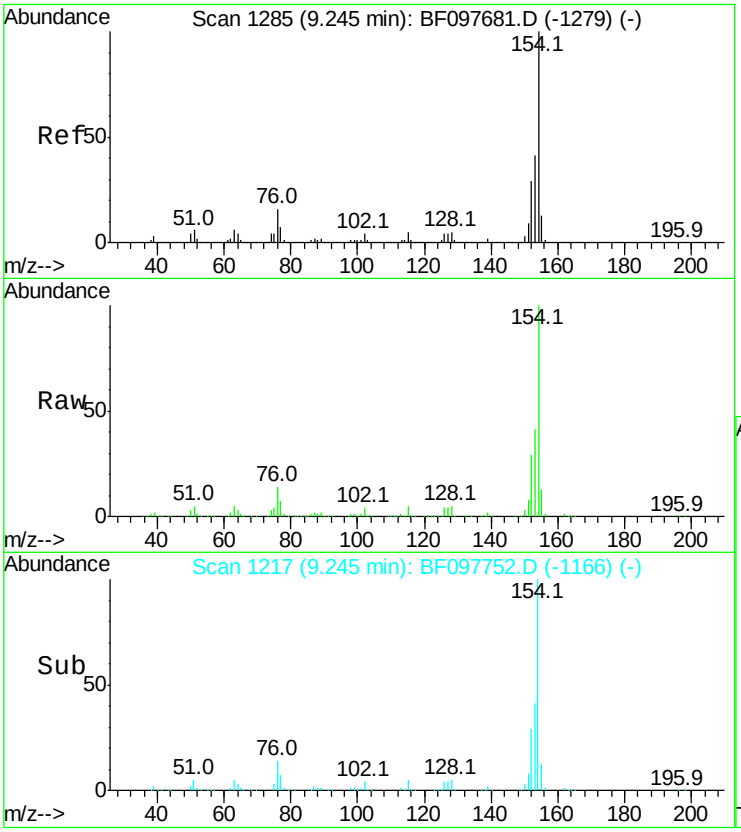


#44
2-Fluorobiphenyl
Concen: 69.835 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:172 Resp: 1184223

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.3	19.8	29.8

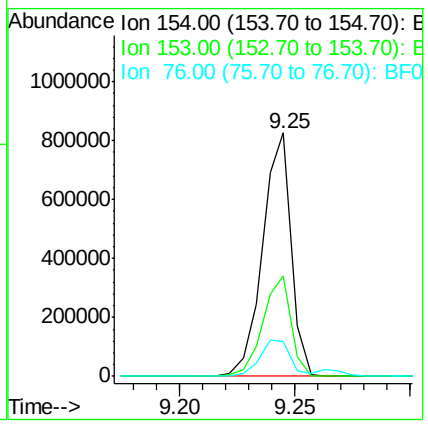




#45
1,1'-Biphenyl
Concen: 31.206 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

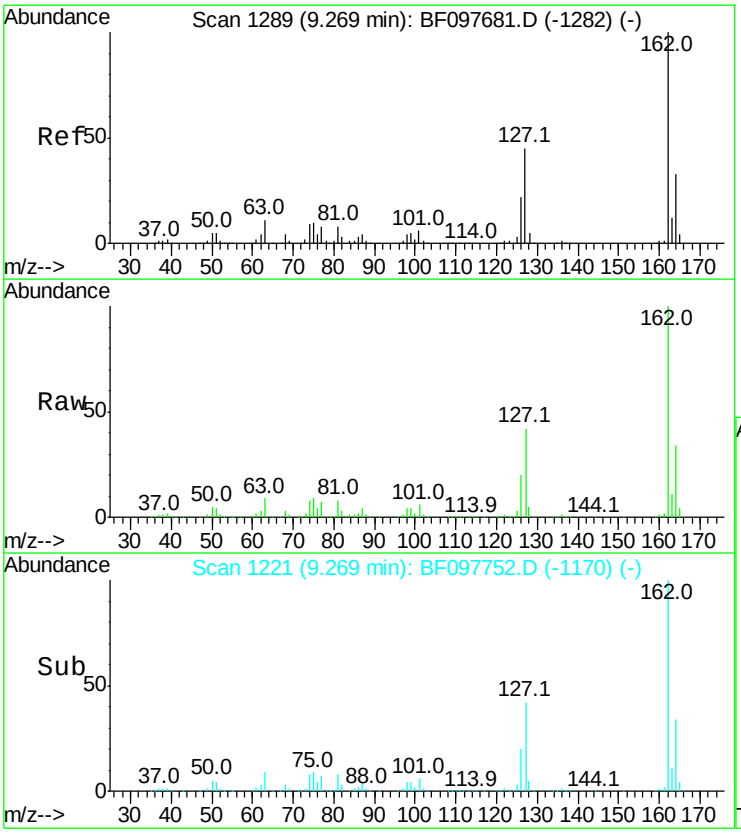
Tgt Ion:154 Resp: 708979

Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.2	61.2
76	14.2	0.0	29.9



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

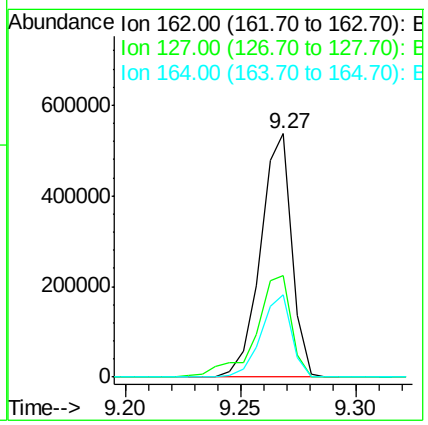
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

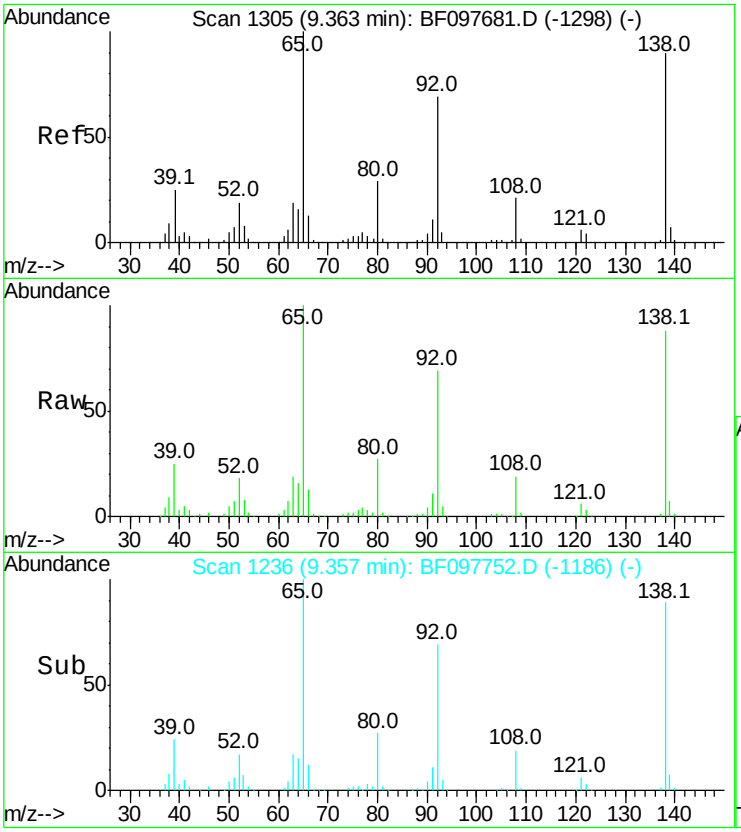


#46
2-Chloronaphthalene
Concen: 30.056 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:162 Resp: 504529

Ion	Ratio	Lower	Upper
162	100		
127	41.6	28.3	42.5
164	33.9	27.0	40.4

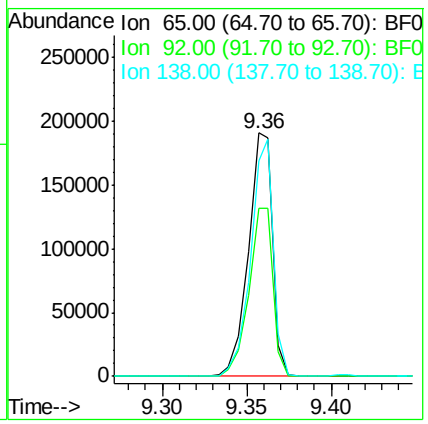




#47
2-Nitroaniline
Concen: 34.072 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

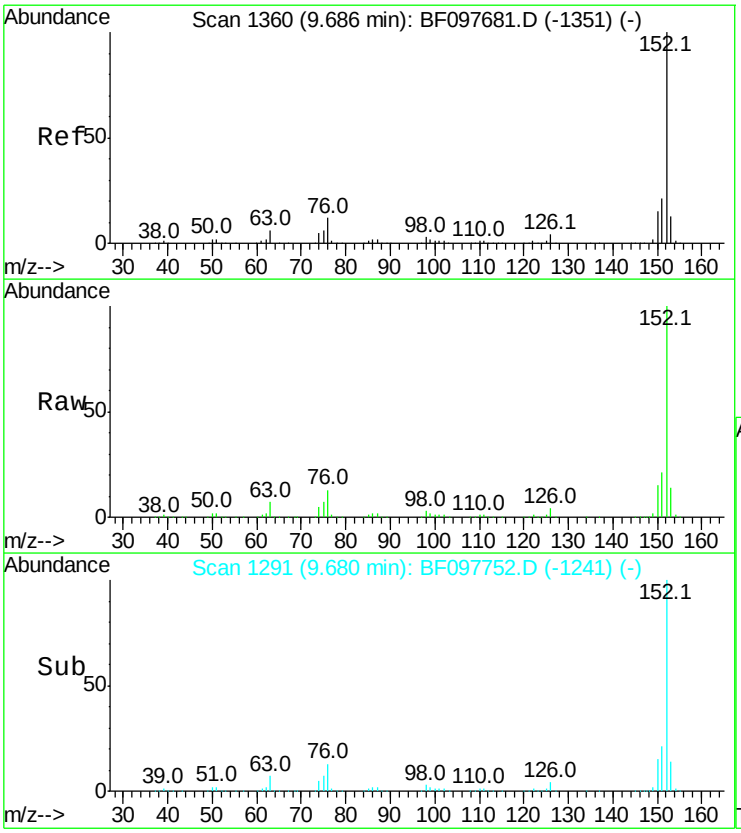
Tgt Ion: 65 Resp: 191740

Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.9	80.9
138	88.4	78.8	118.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

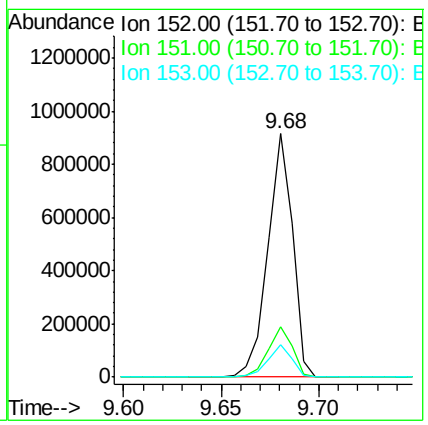
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

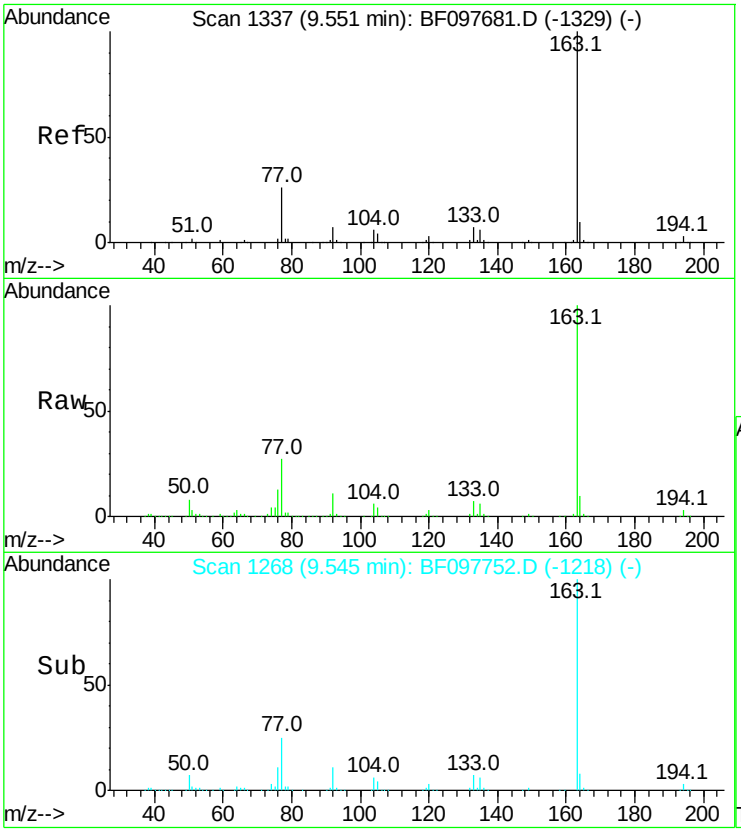


#48
Acenaphthylene
Concen: 30.548 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:152 Resp: 805268

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.6	10.8	16.2

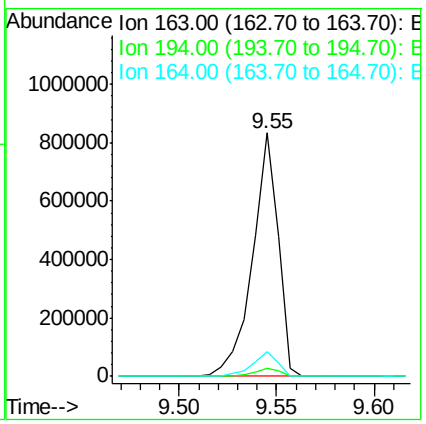




#49
Dimethylphthalate
Concen: 41.556 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

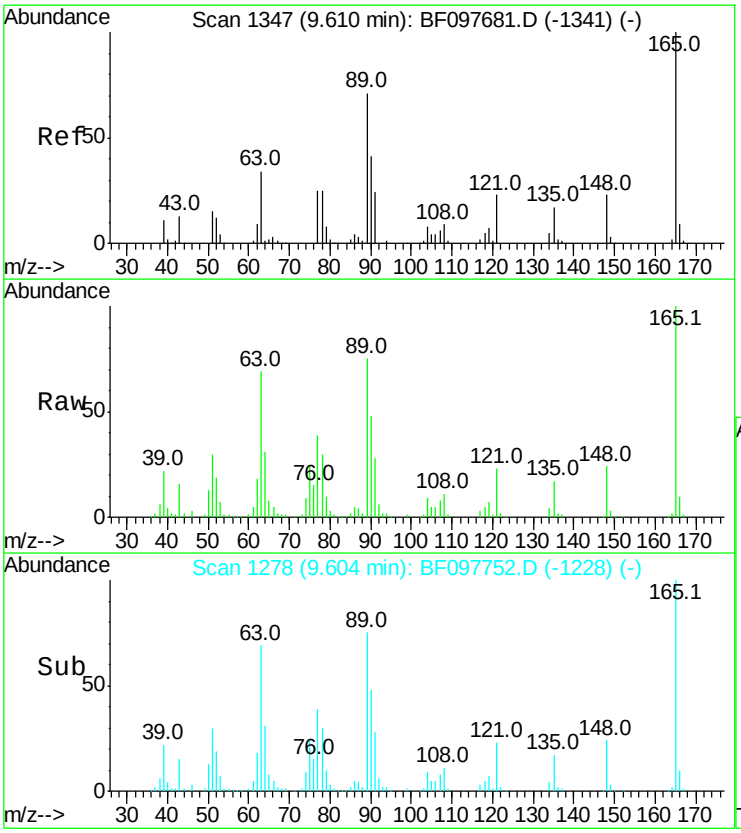
Tgt Ion:163 Resp: 756784

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

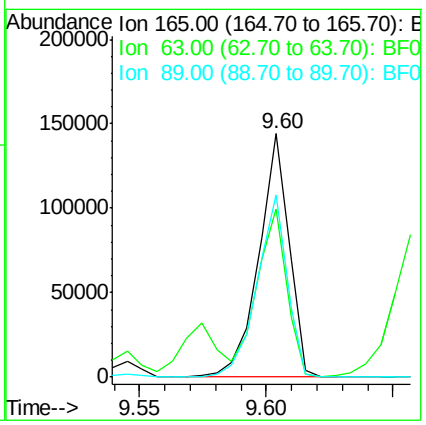
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

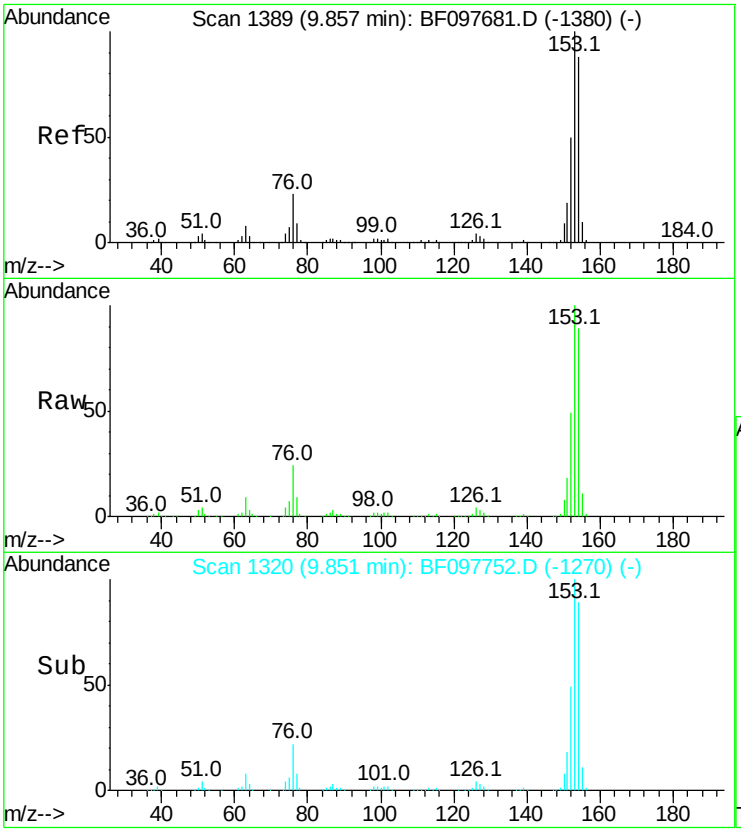


#50
2,6-Dinitrotoluene
Concen: 33.137 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:165 Resp: 120456

Ion	Ratio	Lower	Upper
165	100		
63	68.8	34.3	51.5#
89	75.0	37.1	55.7#

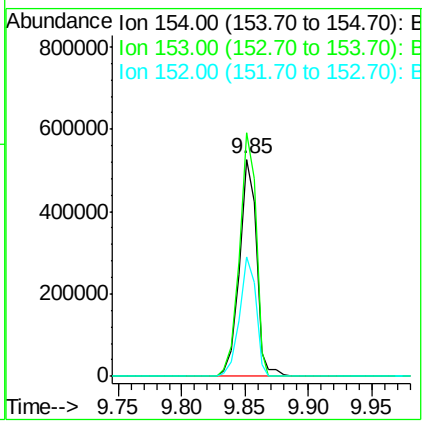




#51
Acenaphthene
Concen: 29.206 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

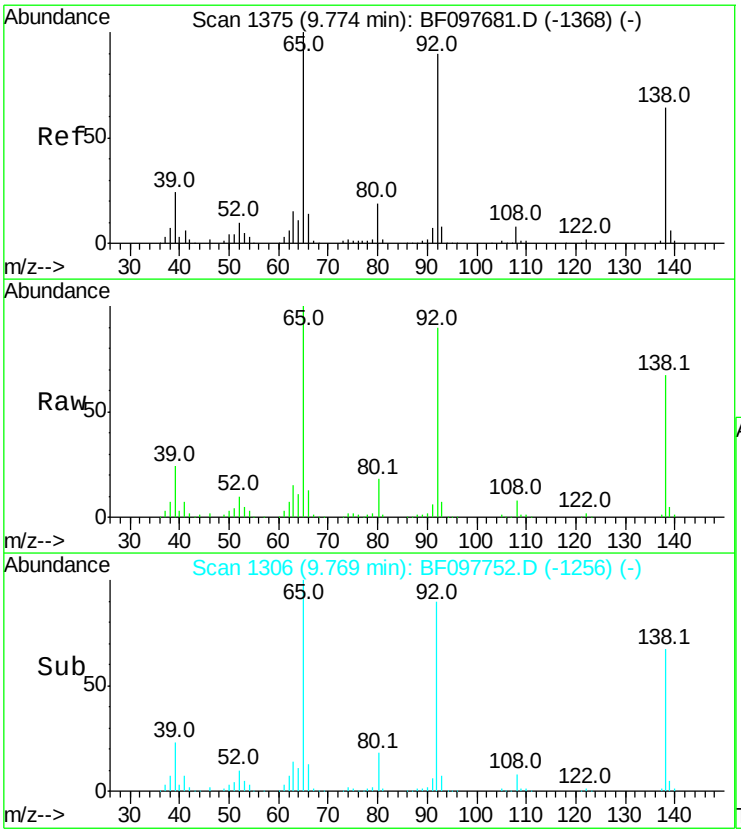
Tgt Ion:154 Resp: 485566

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.5	135.7
152	54.8	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

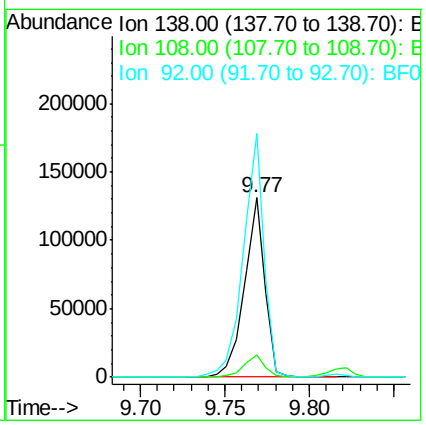
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

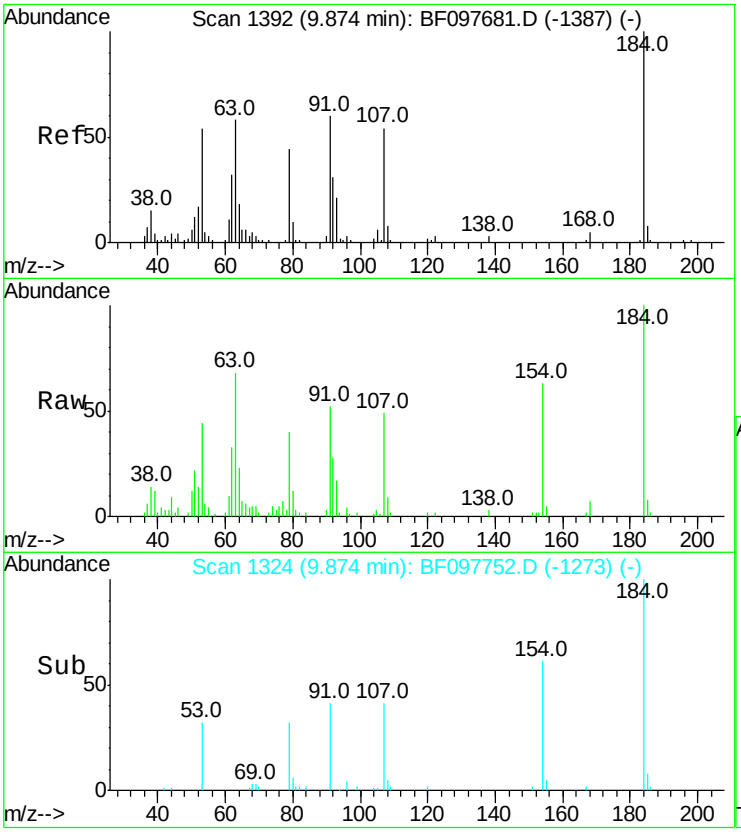


#52
3-Nitroaniline
Concen: 23.645 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:138 Resp: 110896

Ion	Ratio	Lower	Upper
138	100		
108	12.2	9.1	13.7
92	135.6	93.8	140.6

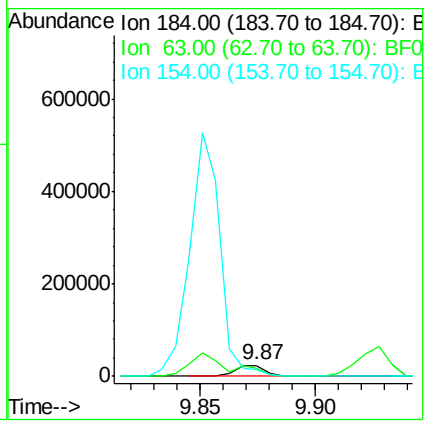




#53
2,4-Dinitrophenol
Concen: 21.414 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

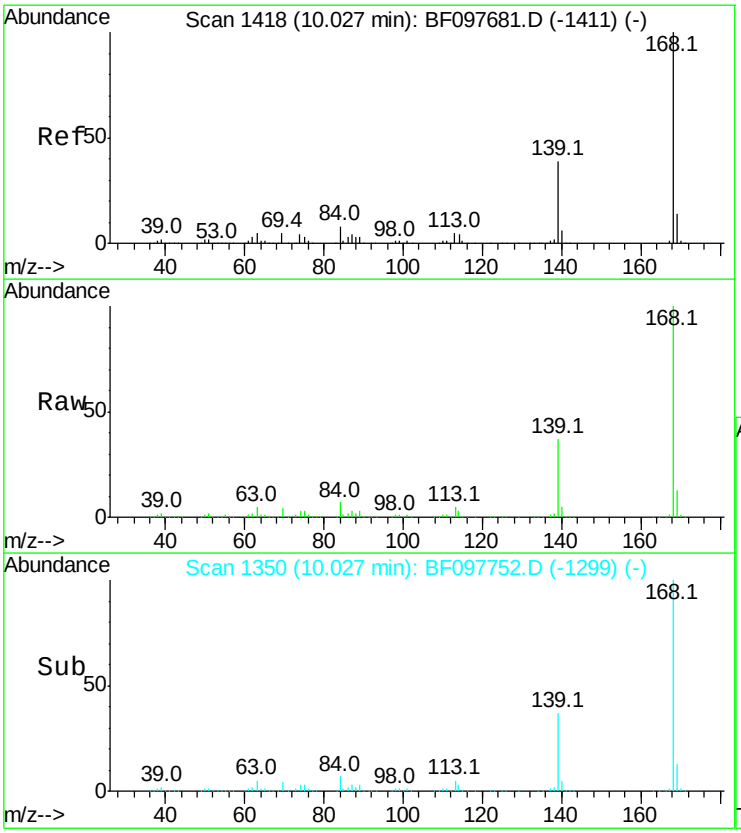
Tgt Ion:184 Resp: 22321

Ion	Ratio	Lower	Upper
184	100		
63	67.5	62.7	94.1
154	62.7	81.1	121.7#



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

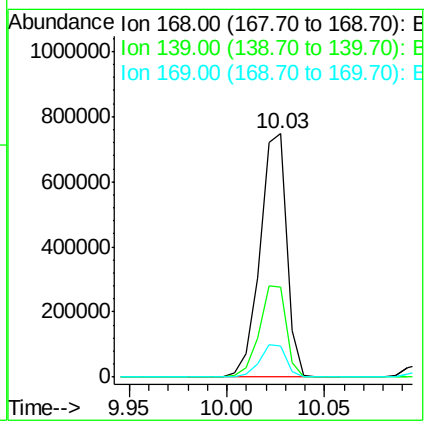
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

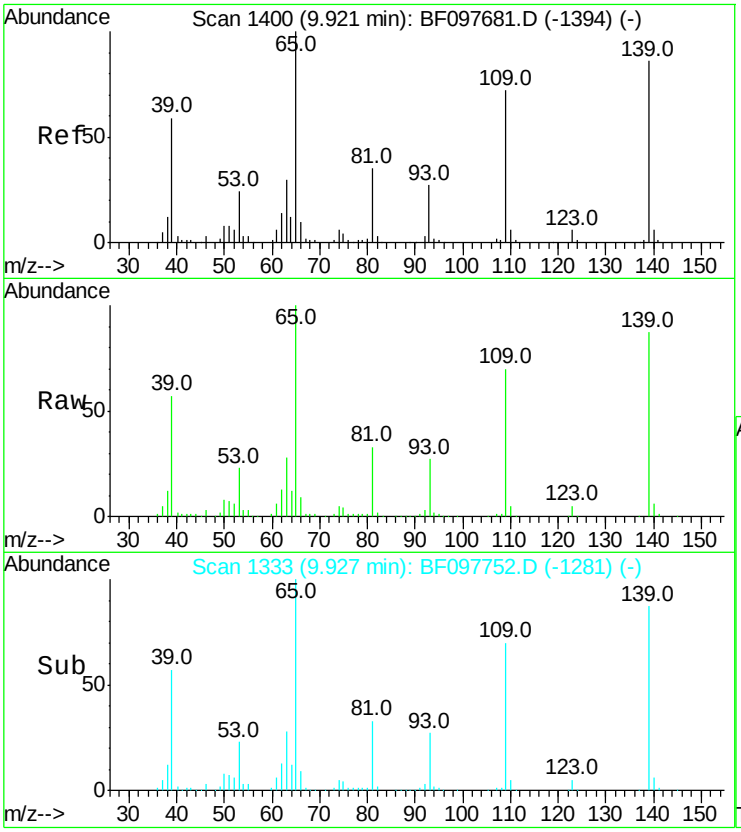


#54
Dibenzofuran
Concen: 31.744 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:168 Resp: 707318

Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.6	45.8
169	13.0	10.8	16.2





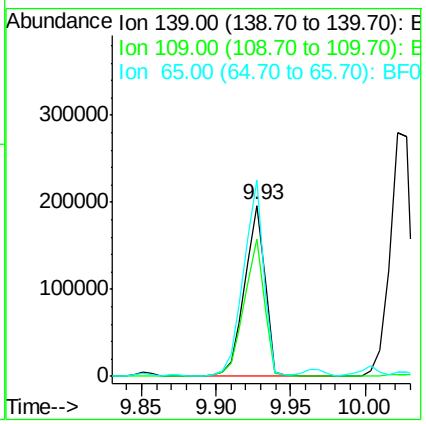
#55
4-Nitrophenol
Concen: 49.871 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

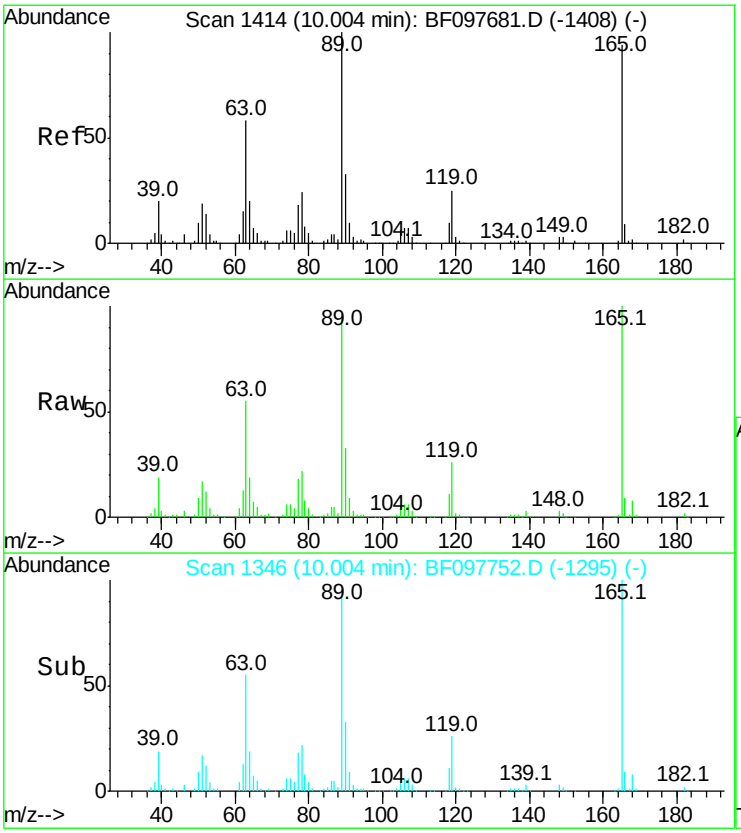
Tgt Ion:139 Resp: 186584

Ion	Ratio	Lower	Upper
139	100		
109	80.5	34.1	74.1#
65	115.1	31.4	71.4#

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

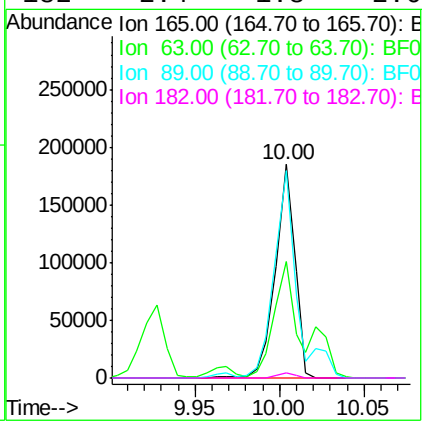


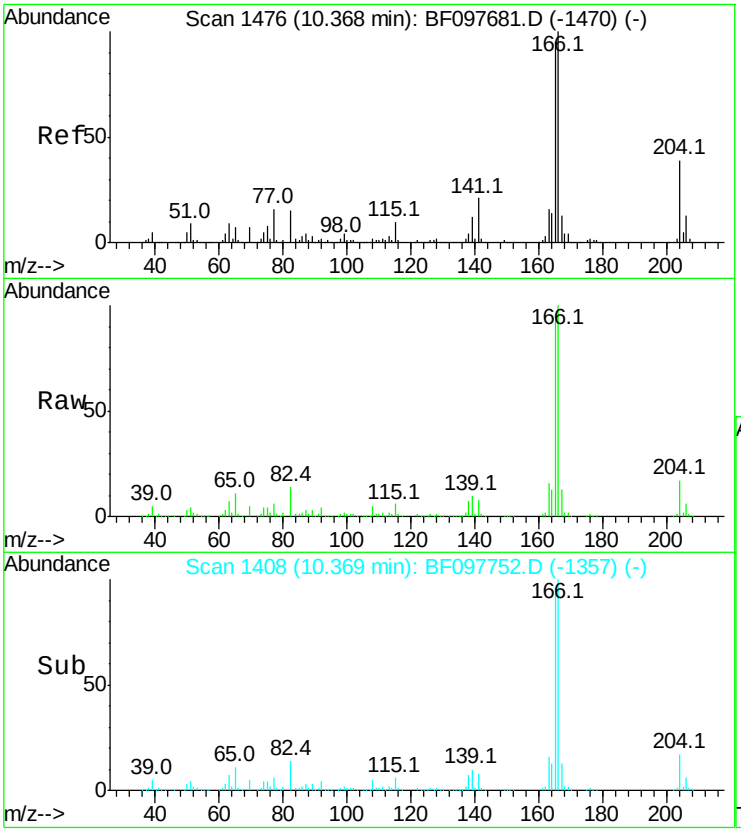


#56
2,4-Dinitrotoluene
Concen: 32.591 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:165 Resp: 148678

Ion	Ratio	Lower	Upper
165	100		
63	54.7	25.4	38.0#
89	97.3	46.4	69.6#
182	2.4	1.8	2.6

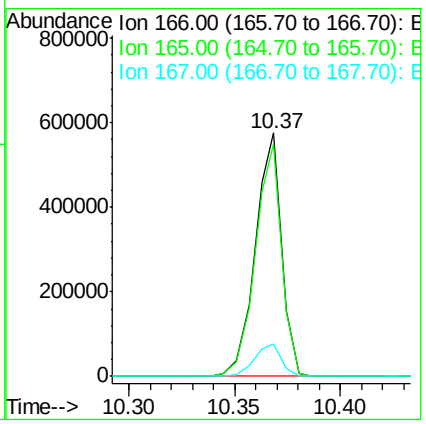




#57
Fluorene
Concen: 28.863 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

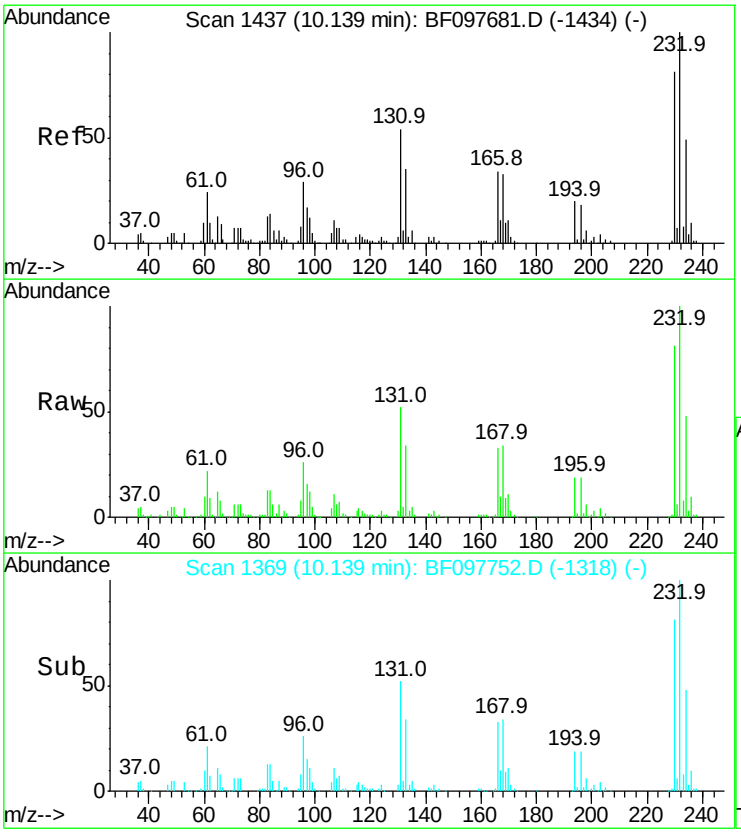
Tgt Ion:166 Resp: 497219

Ion	Ratio	Lower	Upper
166	100		
165	95.5	78.8	118.2
167	13.2	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

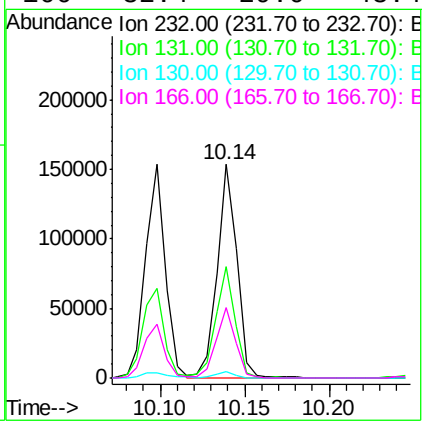
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

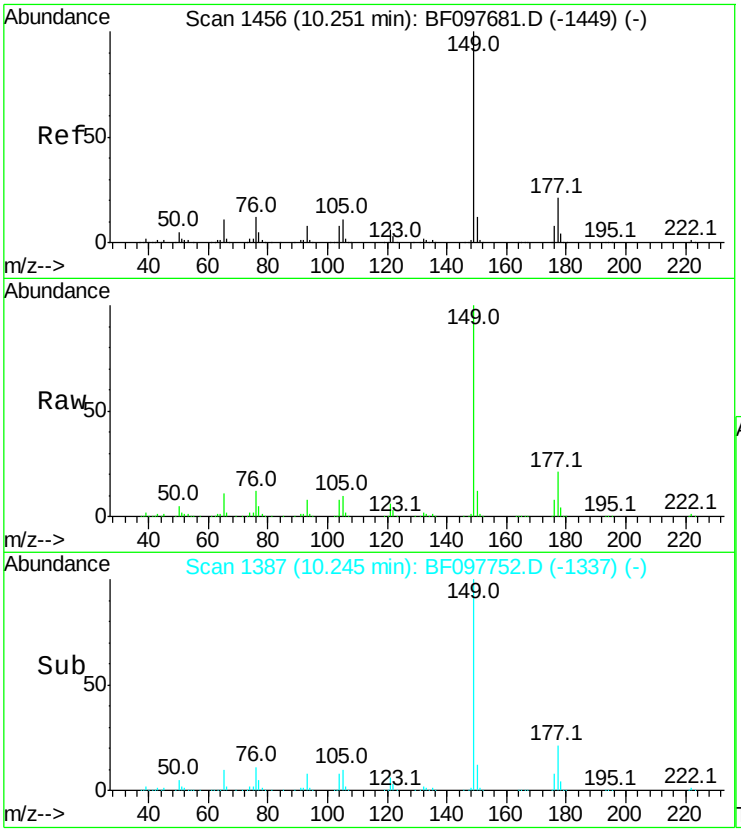


#58
2,3,4,6-Tetrachlorophenol
Concen: 32.012 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:232 Resp: 126218

Ion	Ratio	Lower	Upper
232	100		
131	51.6	44.8	67.2
130	2.6	2.3	3.5
166	32.4	29.0	43.4





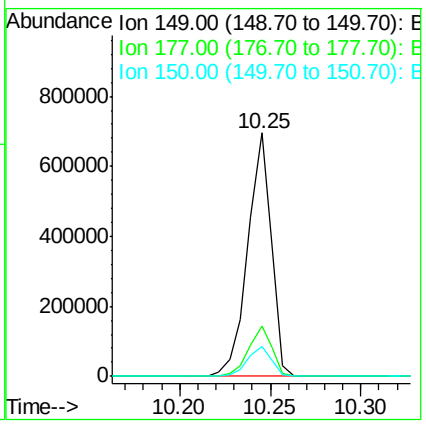
#59
Diethylphthalate
Concen: 32.898 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

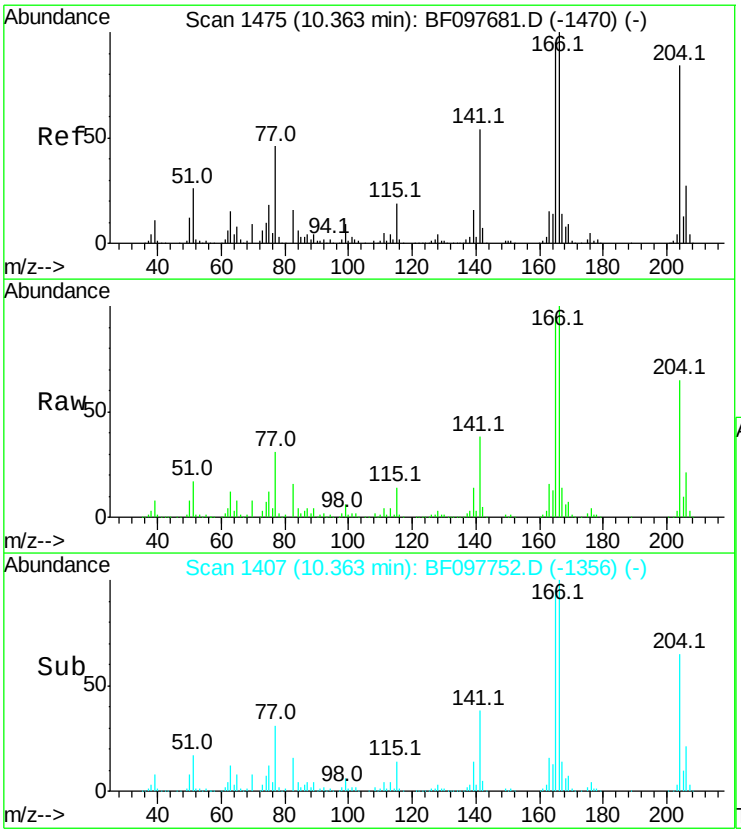
Tgt Ion:149 Resp: 626516

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.7	25.1
150	12.3	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

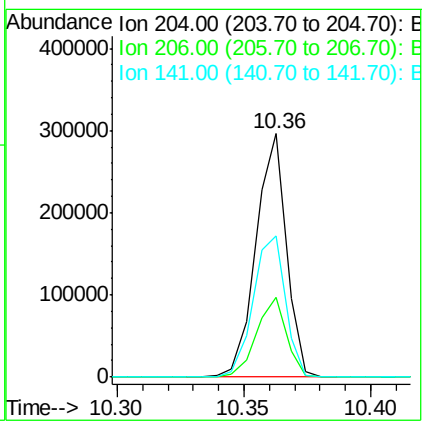


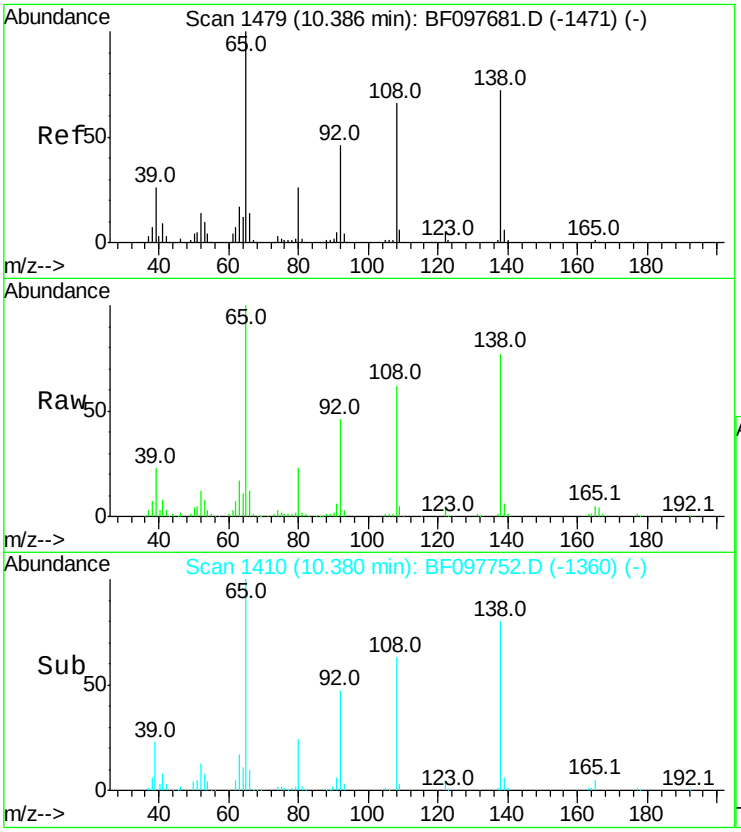


#60
4-Chlorophenyl-phenylether
Concen: 31.032 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:204 Resp: 248356

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	58.3	60.8	91.2#

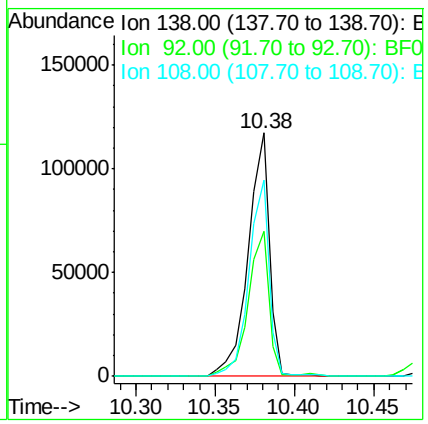




#61
4-Nitroaniline
Concen: 24.466 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

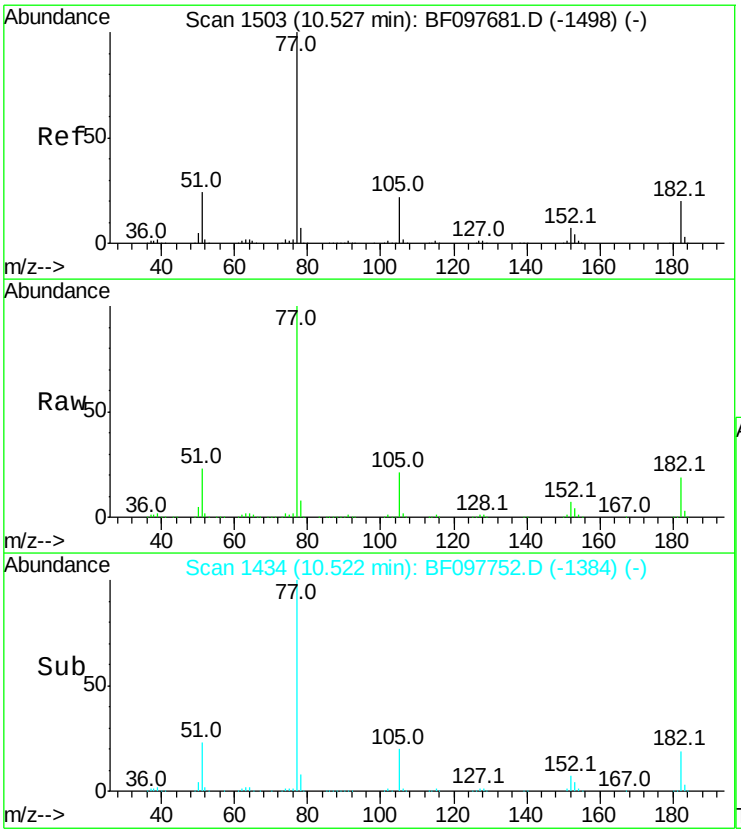
Tgt Ion:138 Resp: 109060

Ion	Ratio	Lower	Upper
138	100		
92	59.4	21.8	61.8
108	80.6	42.3	82.3



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

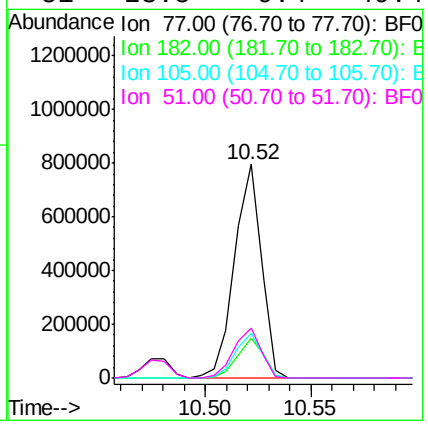
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

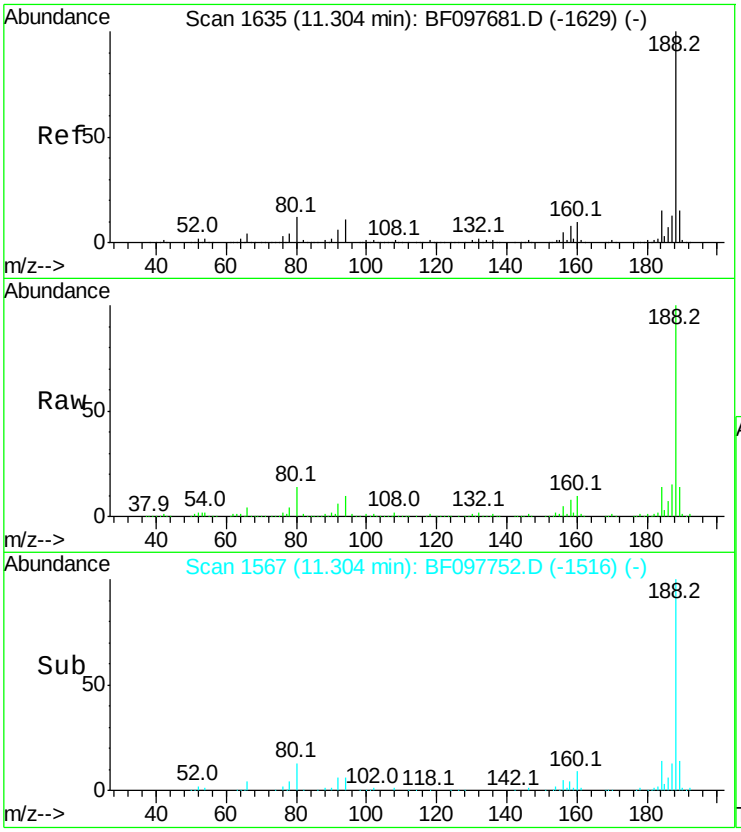


#62
Azobenzene
Concen: 30.817 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion: 77 Resp: 697121

Ion	Ratio	Lower	Upper
77	100		
182	18.8	0.1	40.1
105	21.1	3.6	43.6
51	23.5	9.4	49.4

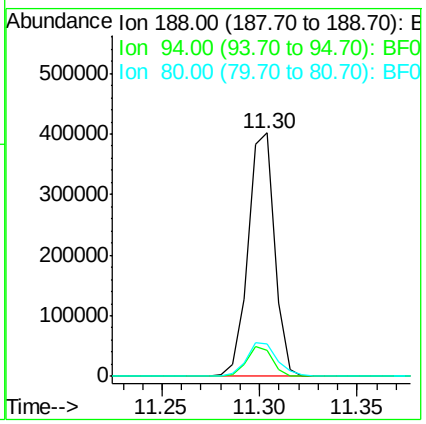




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

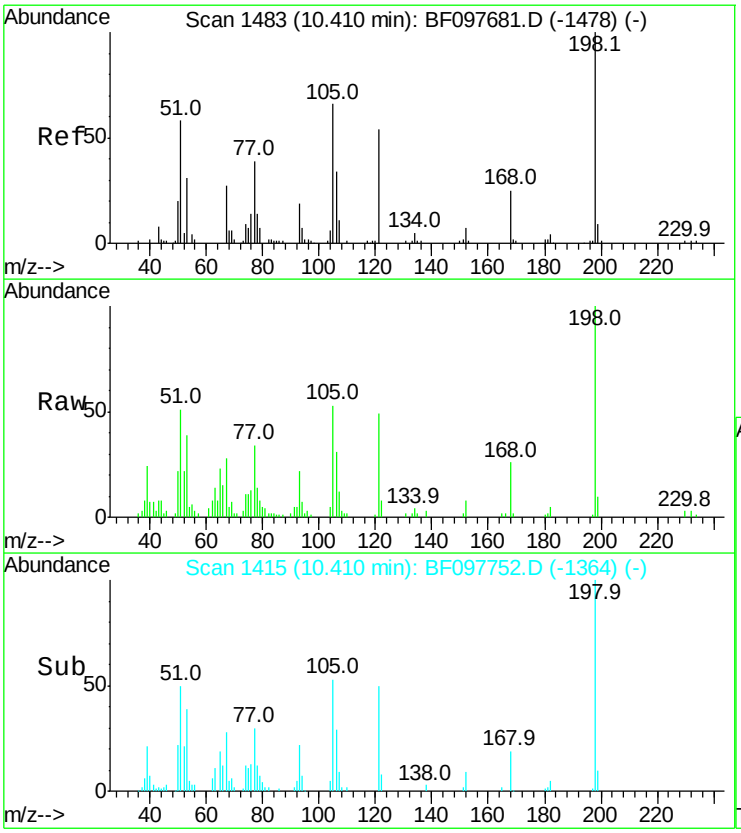
Tgt Ion:188 Resp: 378343

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.4	14.2
80	13.5	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

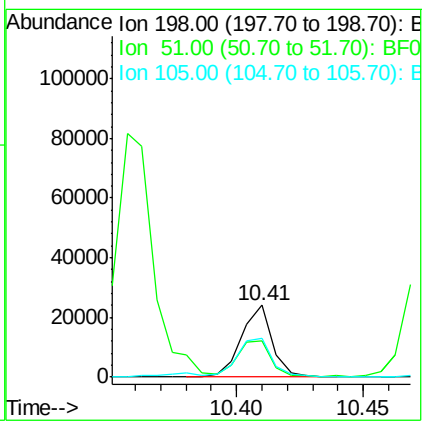
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

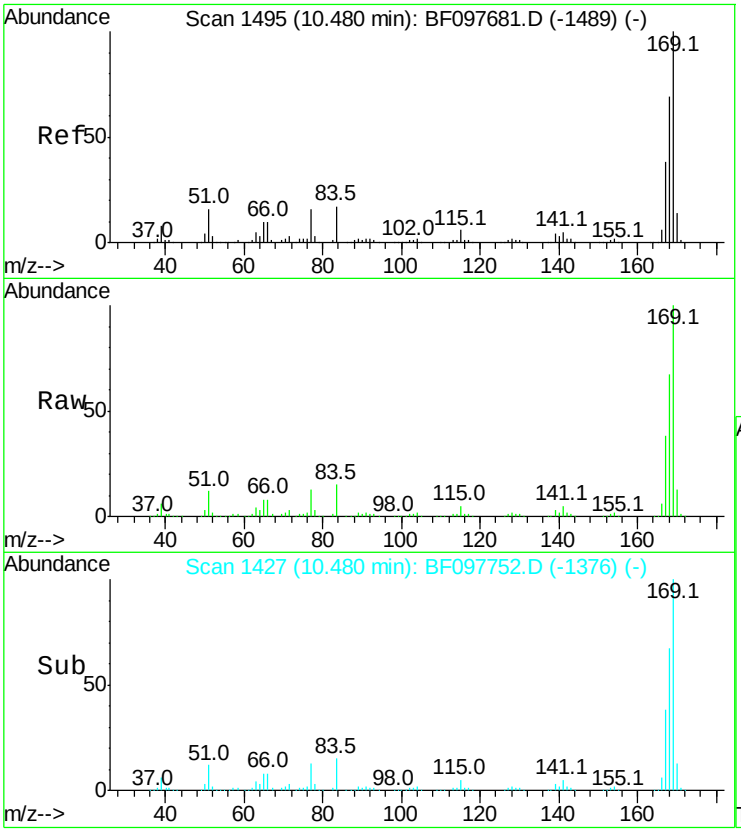


#64
4,6-Dinitro-2-methylphenol
Concen: 17.669 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:198 Resp: 20161

Ion	Ratio	Lower	Upper
198	100		
51	50.7	53.2	93.2#
105	53.4	45.8	85.8

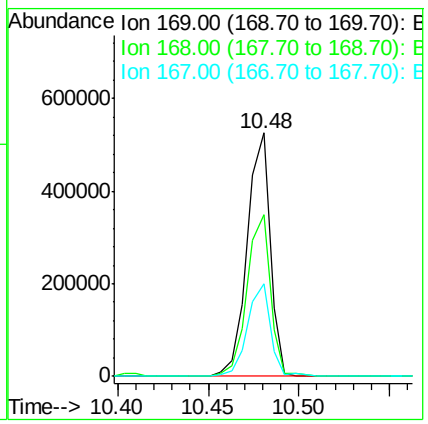




#65
n-Nitrosodiphenylamine
Concen: 36.059 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

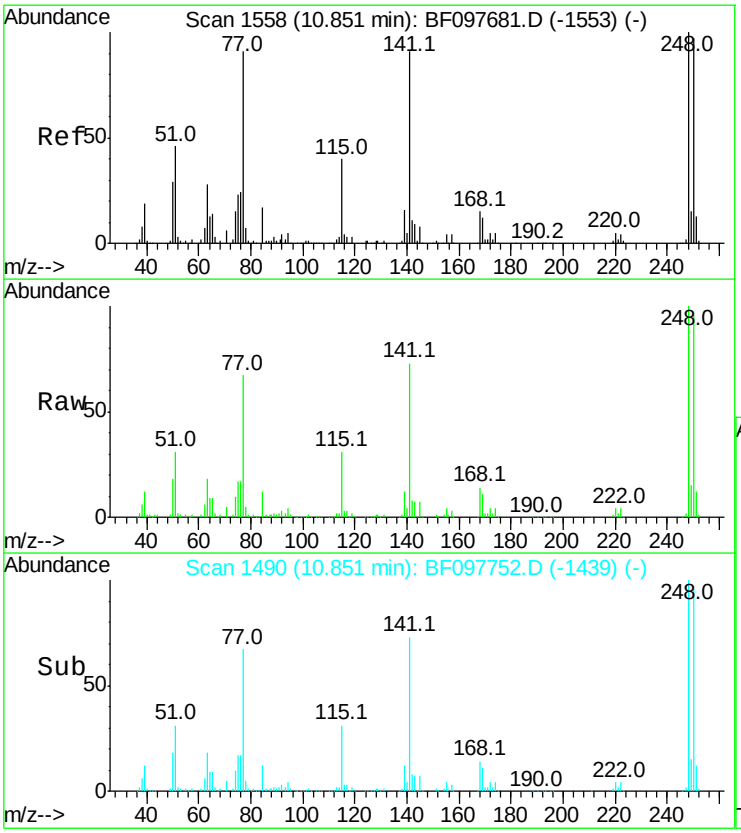
Tgt Ion:169 Resp: 464567

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.2	79.8
167	38.0	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

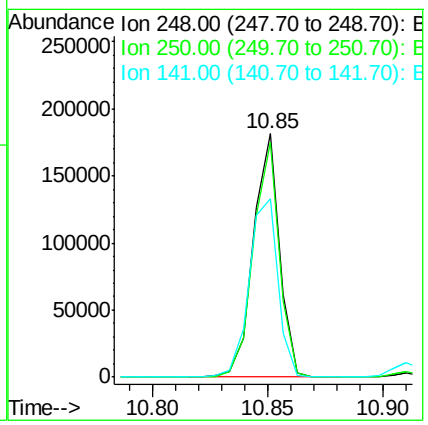
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

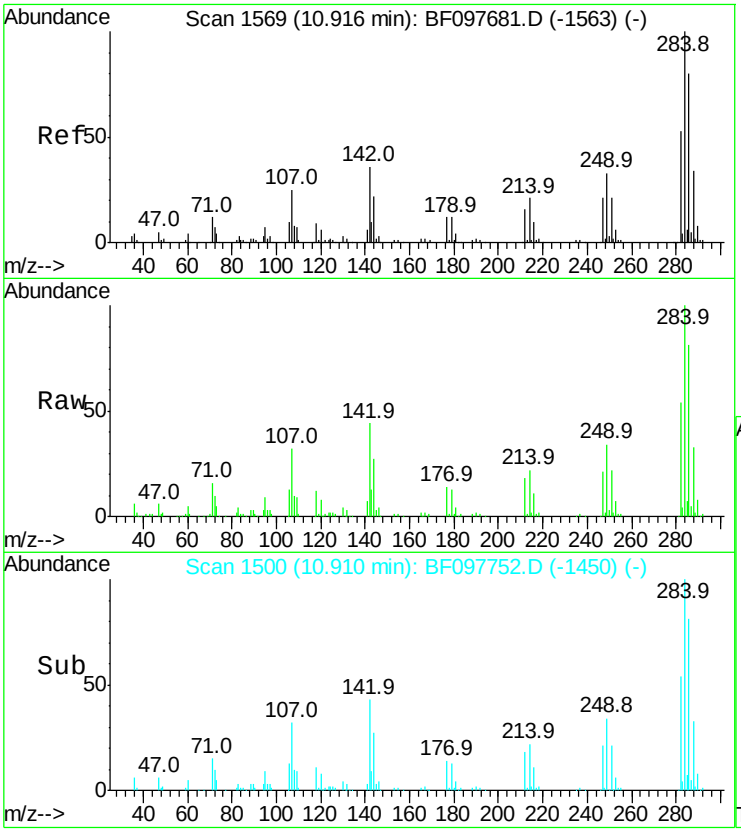


#66
4-Bromophenyl-phenylether
Concen: 36.590 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:248 Resp: 143756

Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.8	115.2
141	73.0	68.6	103.0





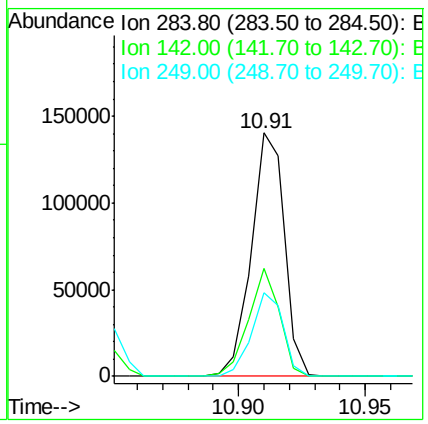
#67
Hexachlorobenzene
Concen: 31.835 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

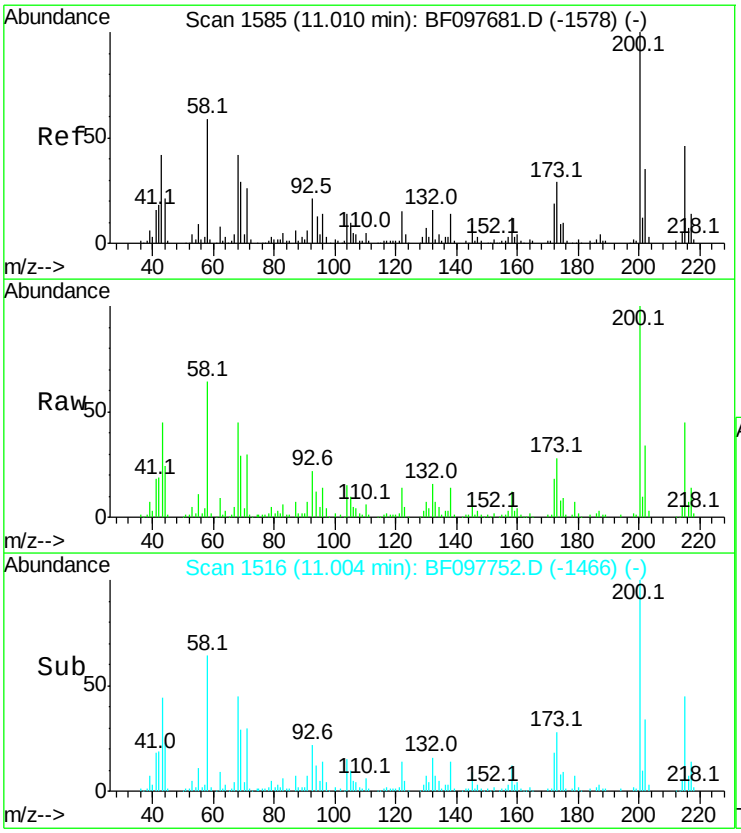
Tgt Ion:284 Resp: 127486

Ion	Ratio	Lower	Upper
284	100		
142	44.2	22.8	34.2#
249	34.1	24.0	36.0

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

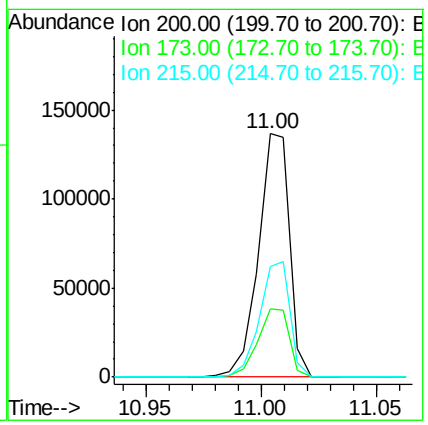


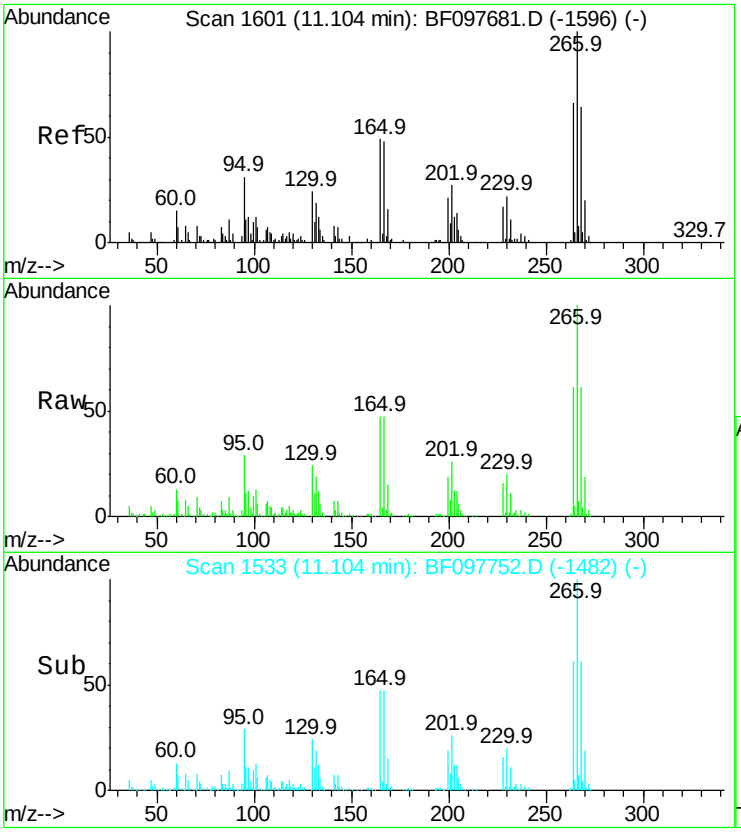


#68
Atrazine
Concen: 37.561 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:200 Resp: 128338

Ion	Ratio	Lower	Upper
200	100		
173	27.9	6.3	46.3
215	45.2	27.2	67.2

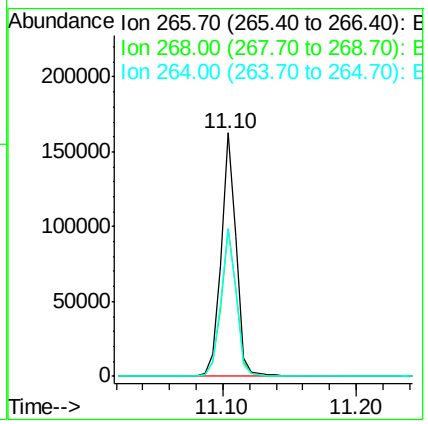




#69
Pentachlorophenol
Concen: 55.625 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

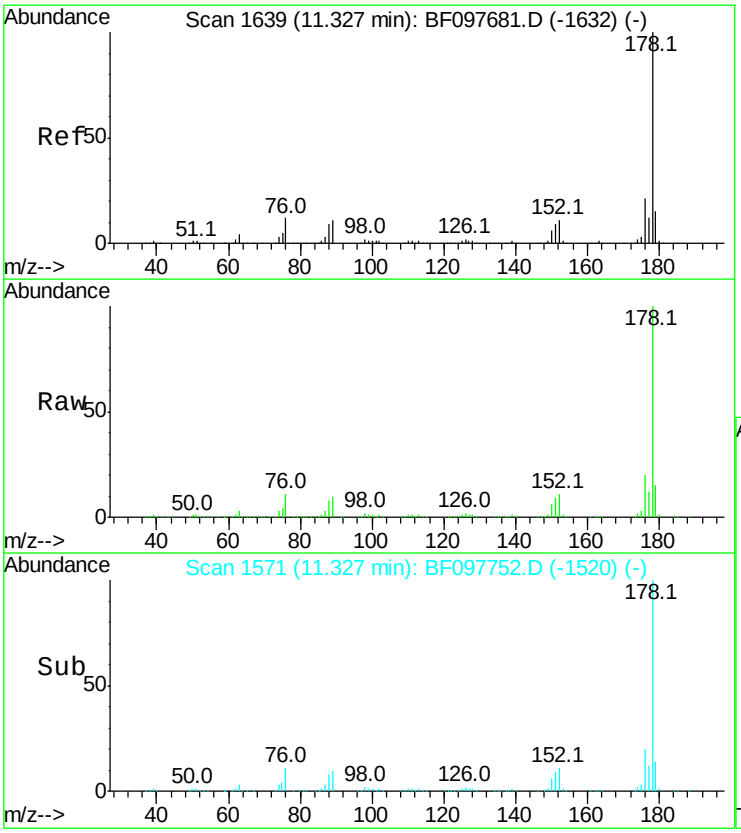
Tgt Ion:266 Resp: 129877

Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	60.9	51.7	77.5



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

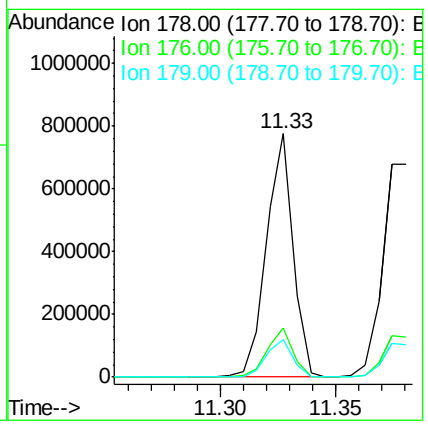
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

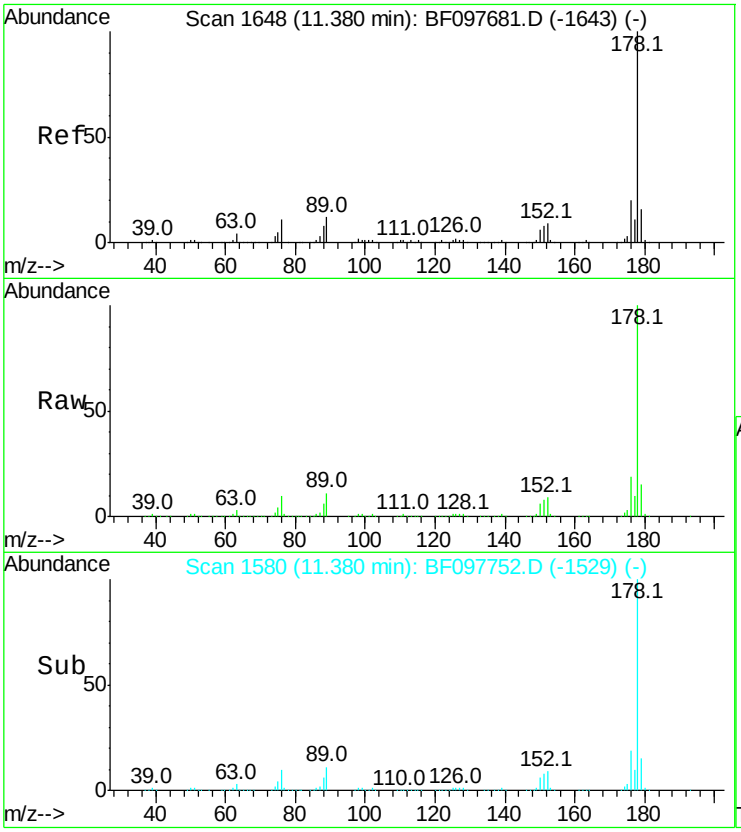


#70
Phenanthrene
Concen: 30.866 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:178 Resp: 622276

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	15.4	12.6	19.0

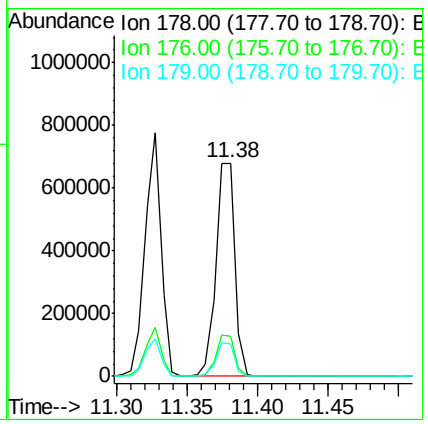




#71
Anthracene
Concen: 30.969 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

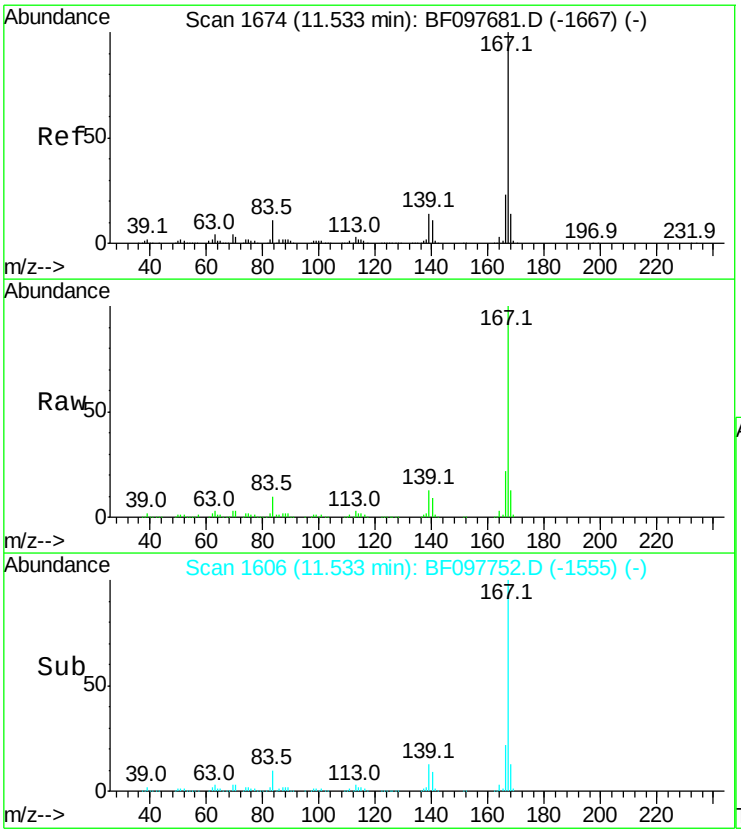
Tgt Ion:178 Resp: 633263

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.3	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

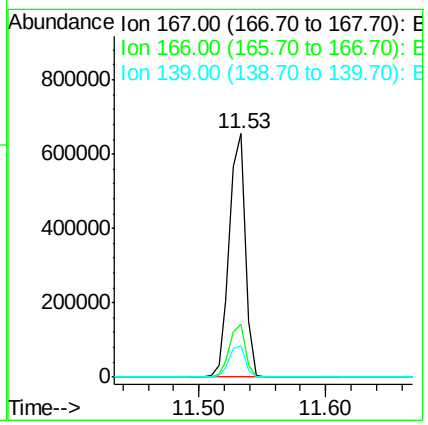
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

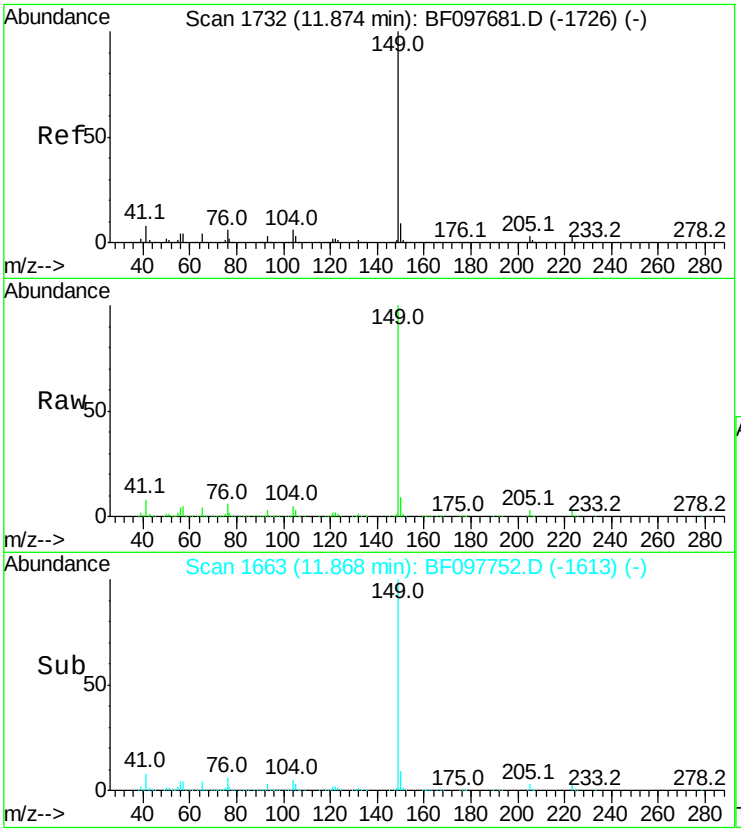


#72
Carbazole
Concen: 29.533 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:167 Resp: 573235

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	12.7	11.7	17.5

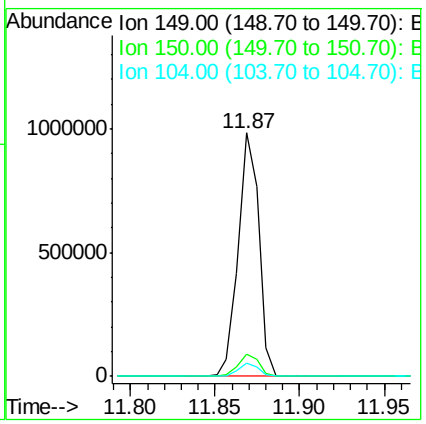




#73
Di-n-butylphthalate
Concen: 37.304 ng
RT: 11.87 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

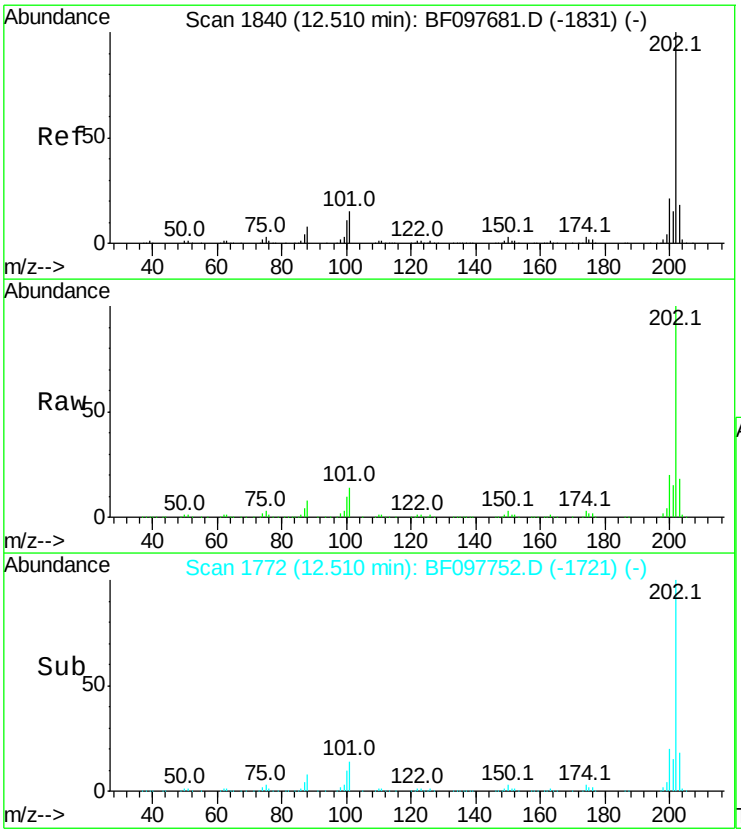
Tgt Ion:149 Resp: 834020

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.5	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

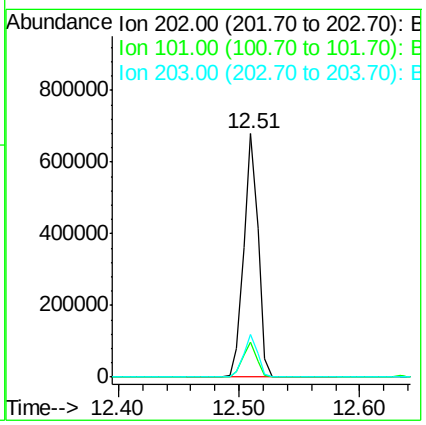
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

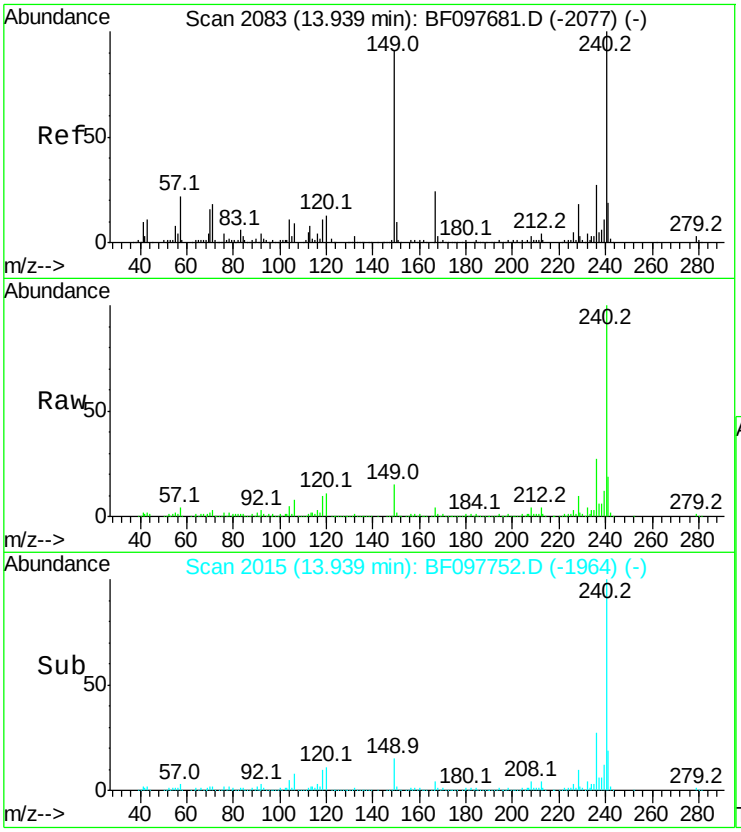


#74
Fluoranthene
Concen: 26.850 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:202 Resp: 565018

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.6	0.0	38.1

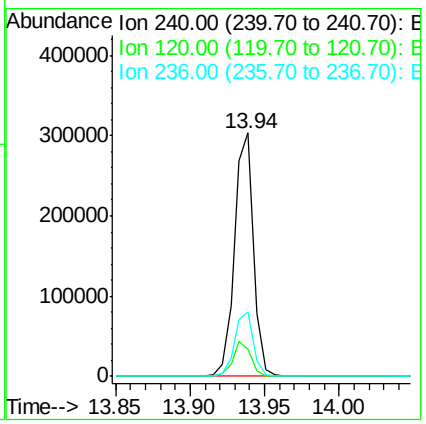




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

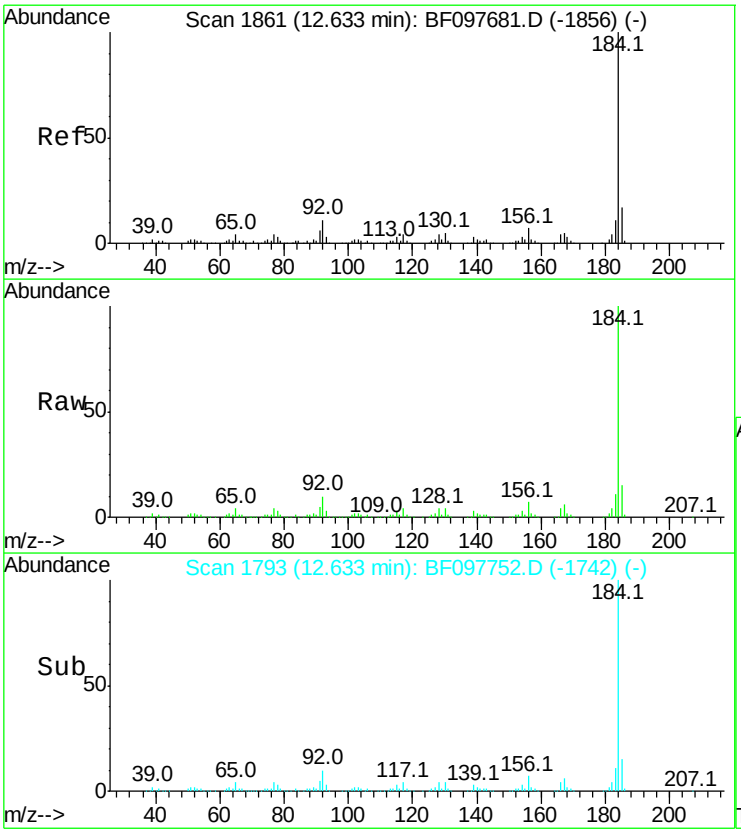
Tgt Ion:240 Resp: 272054

Ion	Ratio	Lower	Upper
240	100		
120	11.3	5.8	8.8#
236	26.6	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

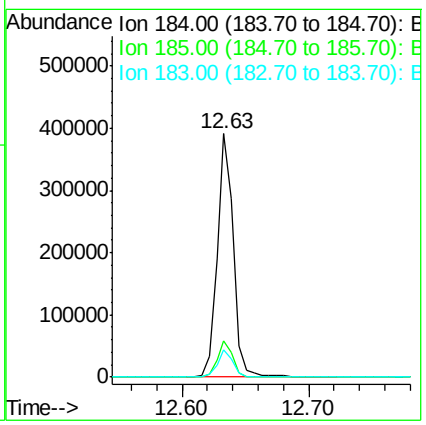
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

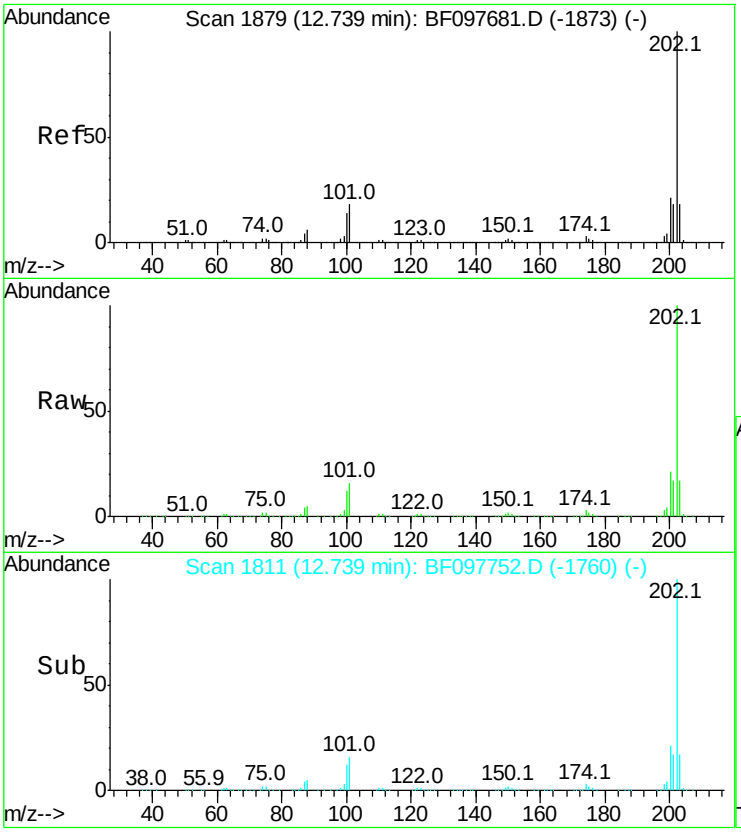


#76
Benzidine
Concen: 39.217 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:184 Resp: 349819

Ion	Ratio	Lower	Upper
184	100		
185	14.7	15.5	23.3#
183	11.3	9.8	14.6

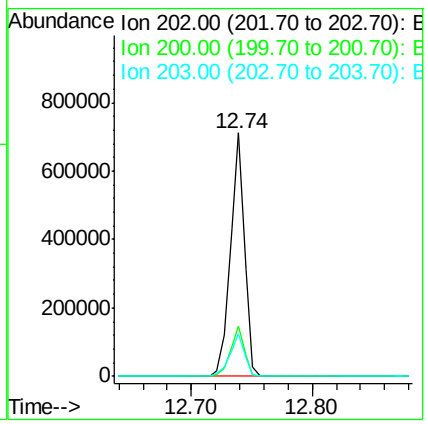




#77
Pyrene
Concen: 25.865 ng
RT: 12.74 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

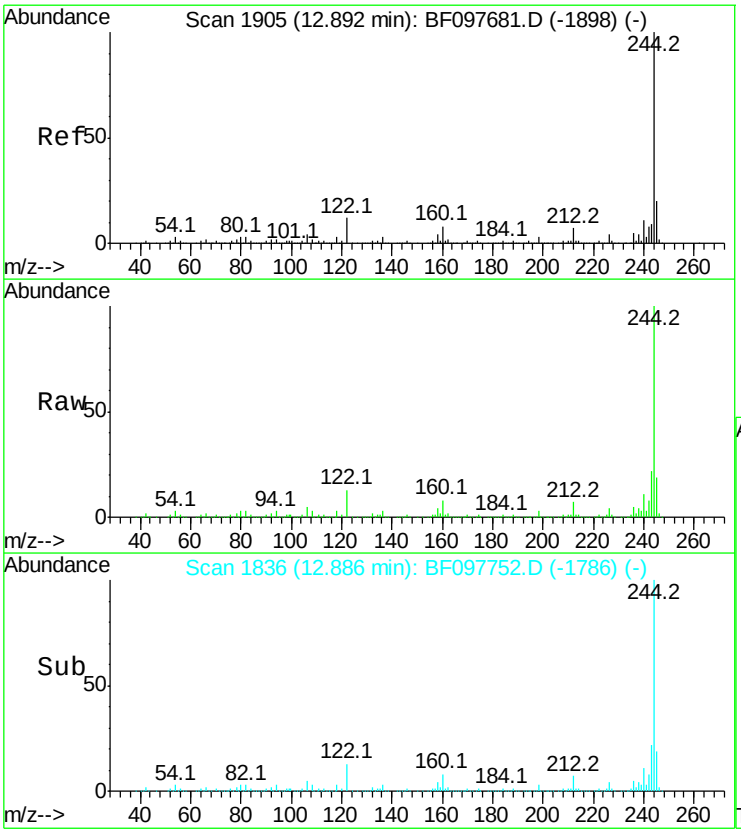
Tgt Ion:202 Resp: 575518

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	17.3	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

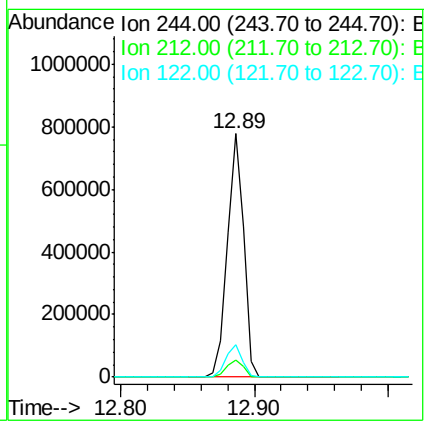
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

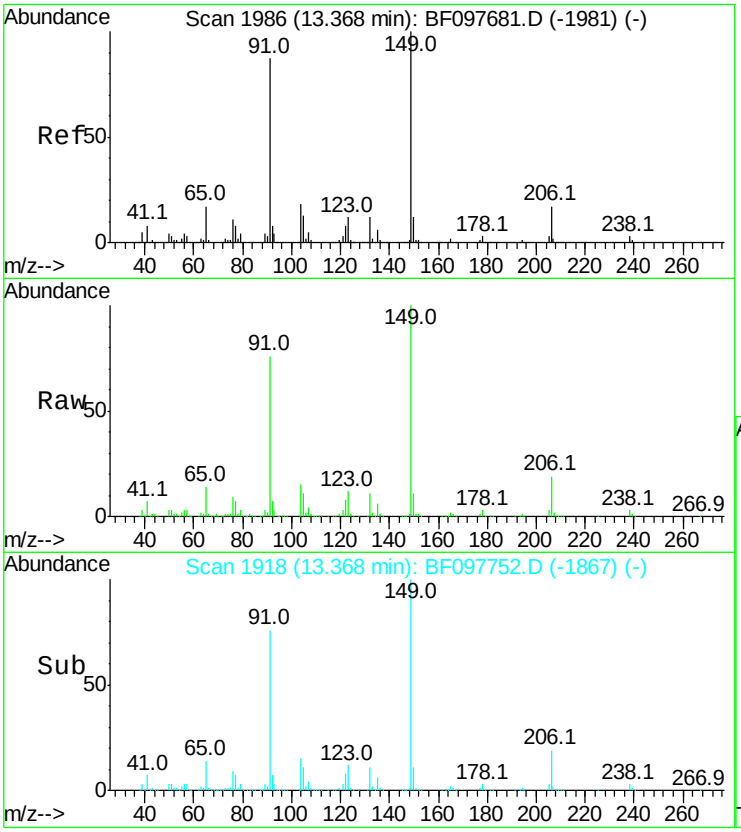


#78
Terphenyl-d14
Concen: 51.755 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:244 Resp: 675199

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.5	10.3	15.5

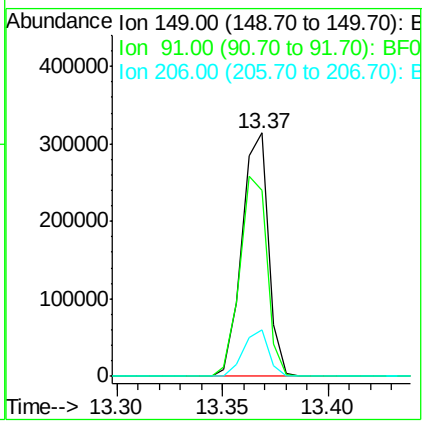




#79
Butylbenzylphthalate
Concen: 32.129 ng
RT: 13.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

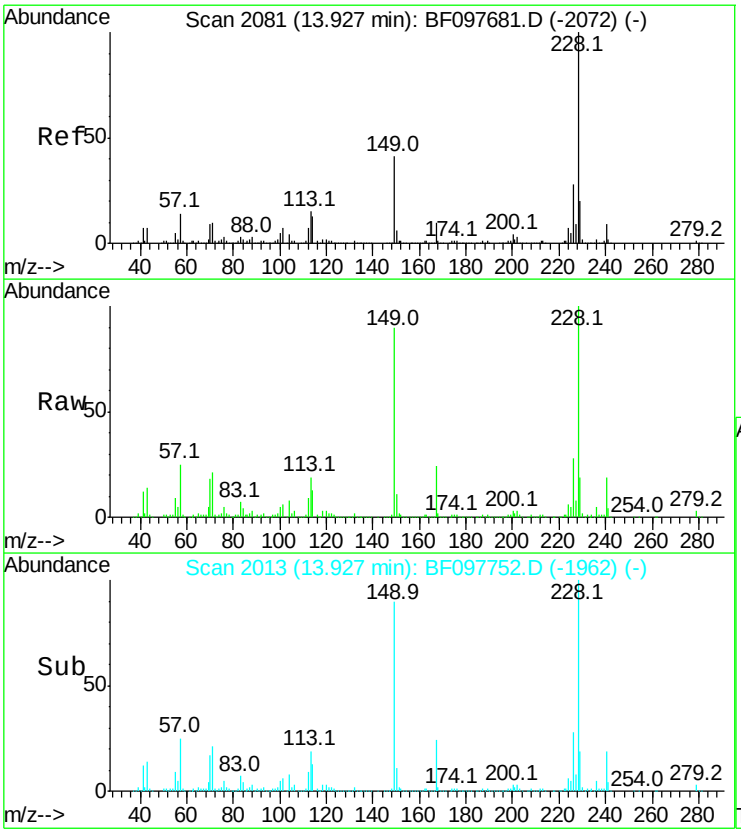
Tgt Ion:149 Resp: 274090

Ion	Ratio	Lower	Upper
149	100		
91	76.5	45.0	67.4#
206	18.9	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

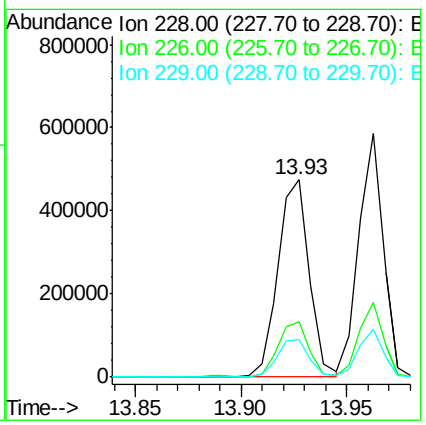
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

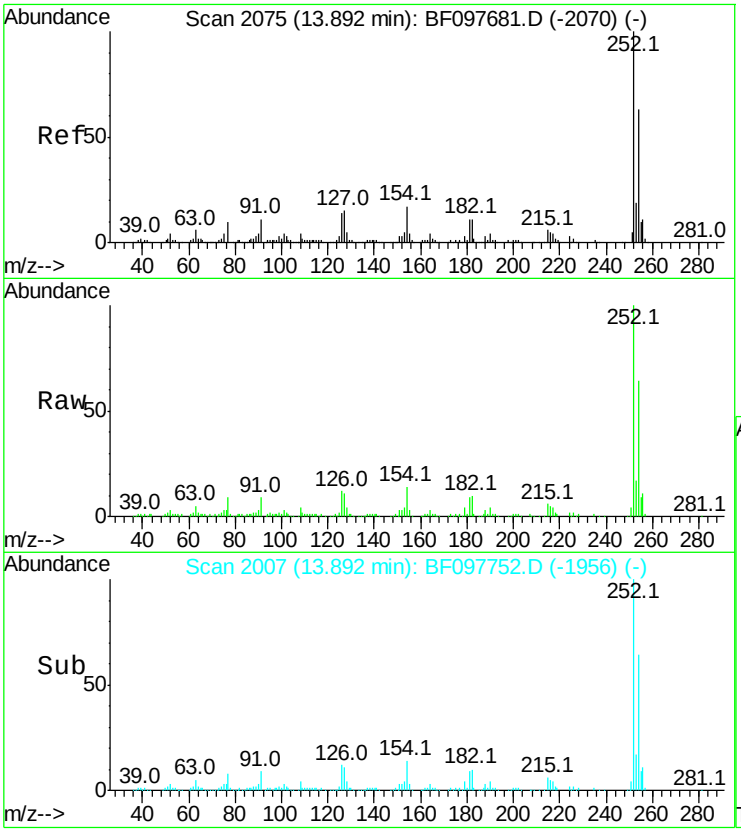


#80
Benzo(a)anthracene
Concen: 29.922 ng
RT: 13.93 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:228 Resp: 487882

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.1	16.3	24.5





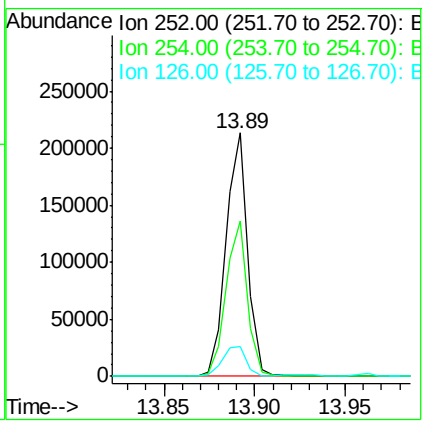
#81
3,3'-Dichlorobenzidine
Concen: 32.168 ng
RT: 13.89 min Scan# 2007
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

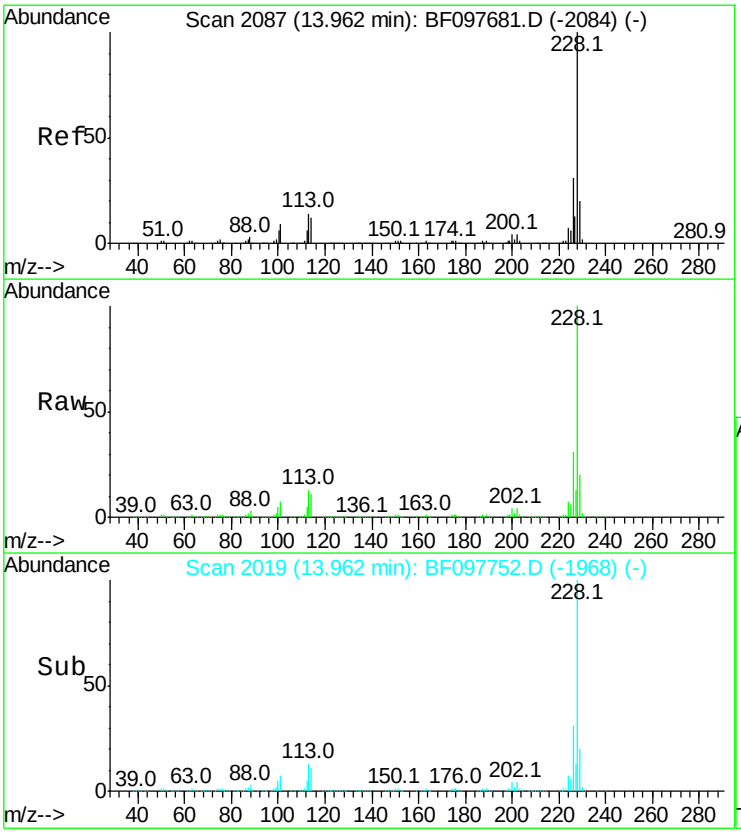
Tgt Ion:252 Resp: 176992

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	12.5	15.8	23.8#

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

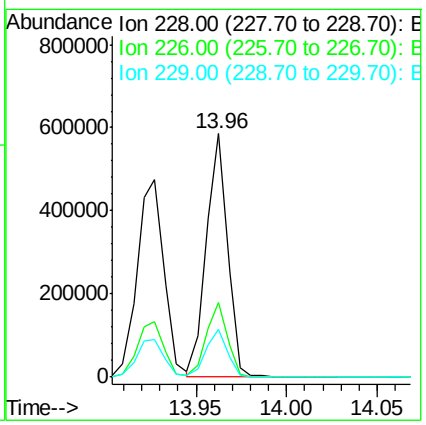


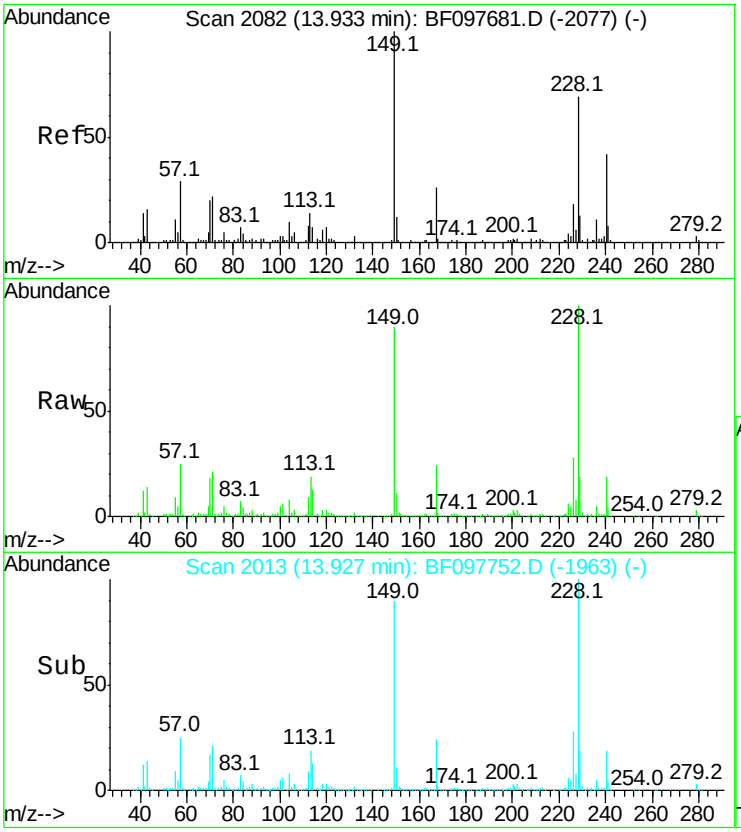


#82
Chrysene
Concen: 29.386 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:228 Resp: 476645

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.9	15.8	23.6





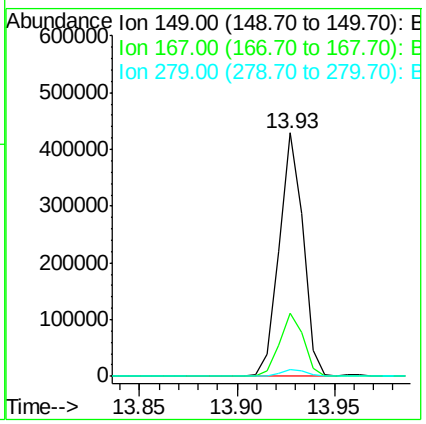
#83
Bis(2-ethylhexyl)phthalate
Concen: 38.434 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

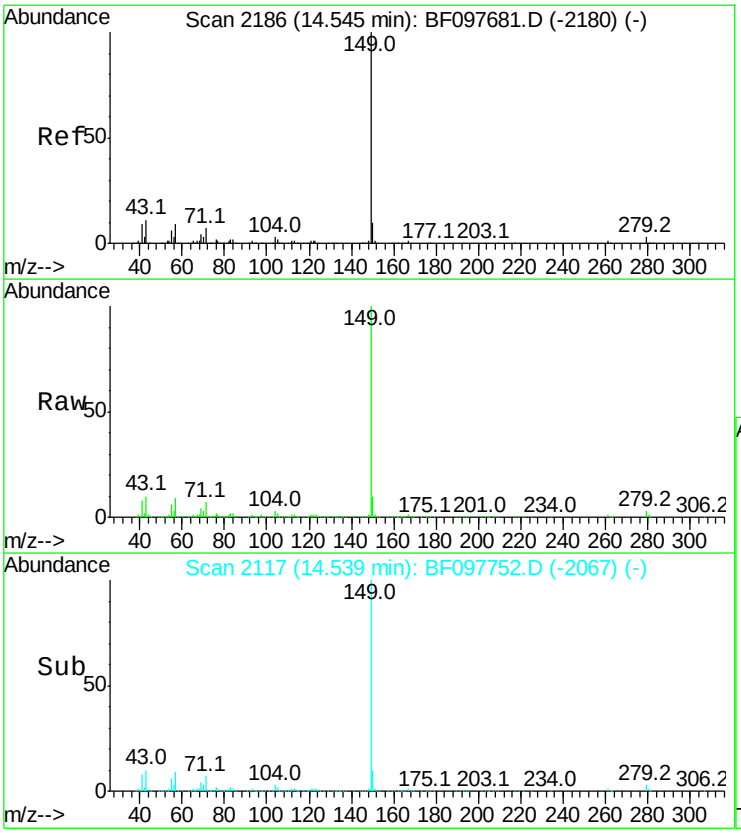
Tgt Ion:149 Resp: 363330

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.0	31.4
279	2.9	1.9	2.9

Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

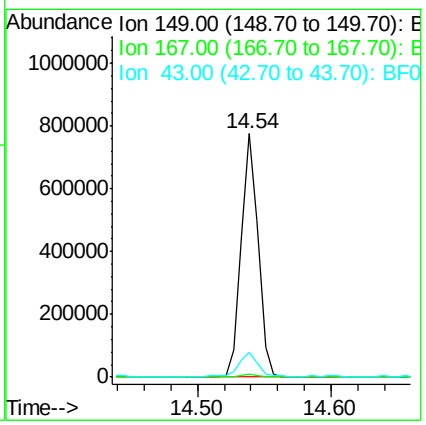


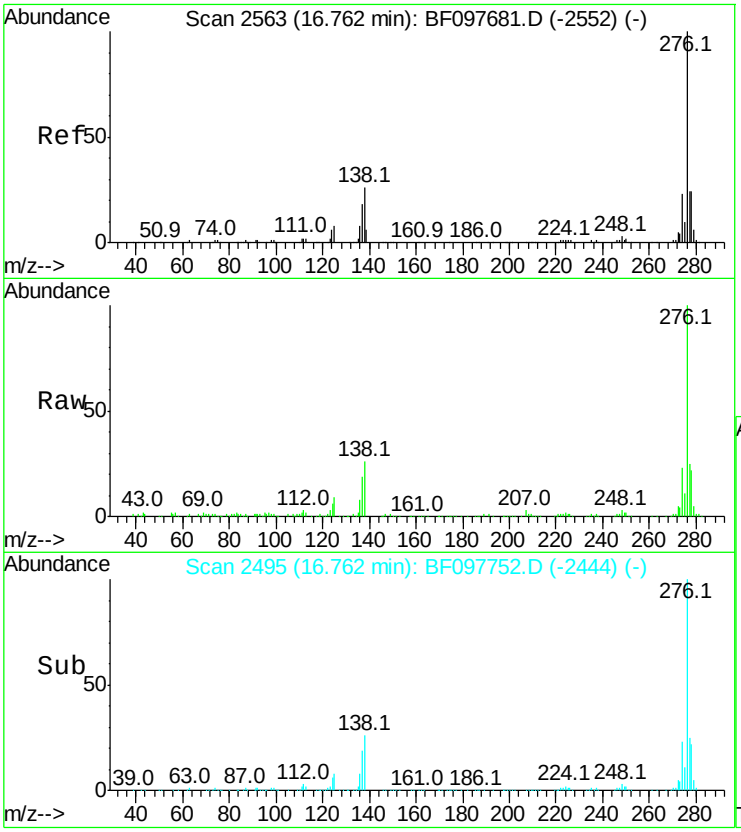


#84
Di-n-octyl phthalate
Concen: 41.385 ng
RT: 14.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:149 Resp: 680725

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.2	8.5	12.7

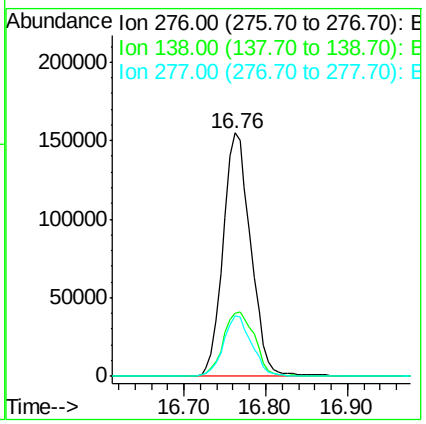




#85
Indeno(1,2,3-cd)pyrene
Concen: 30.645 ng
RT: 16.76 min Scan# 2495
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

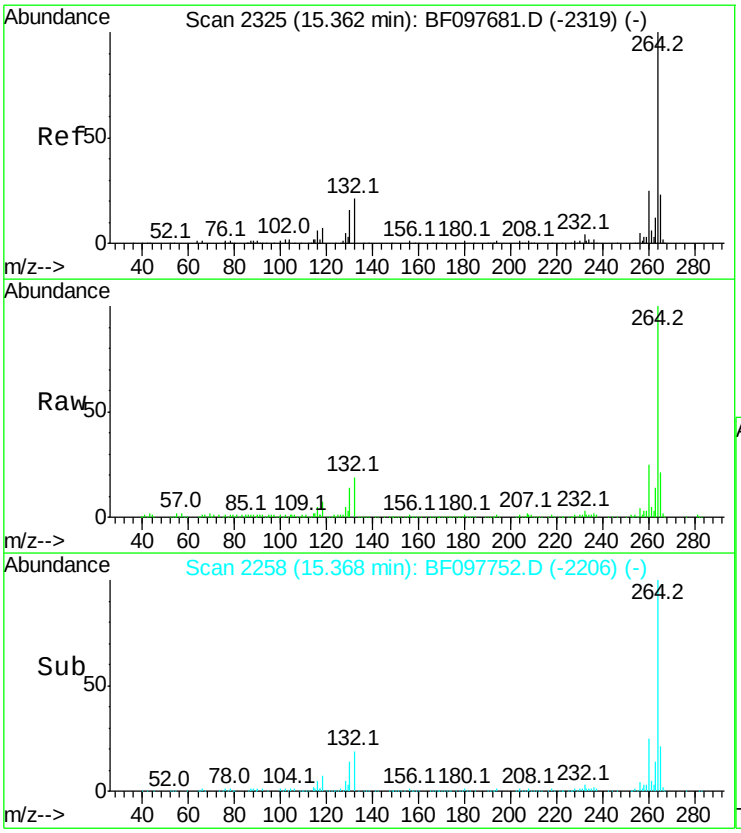
Tgt Ion:276 Resp: 365655

Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	25.3	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

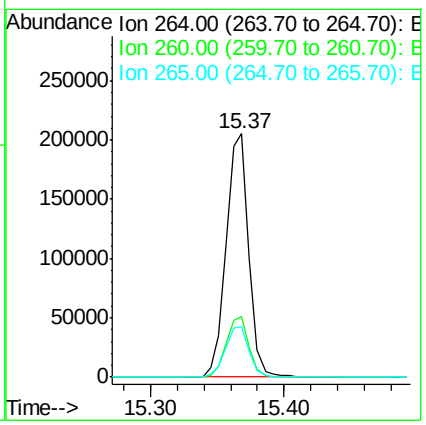
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

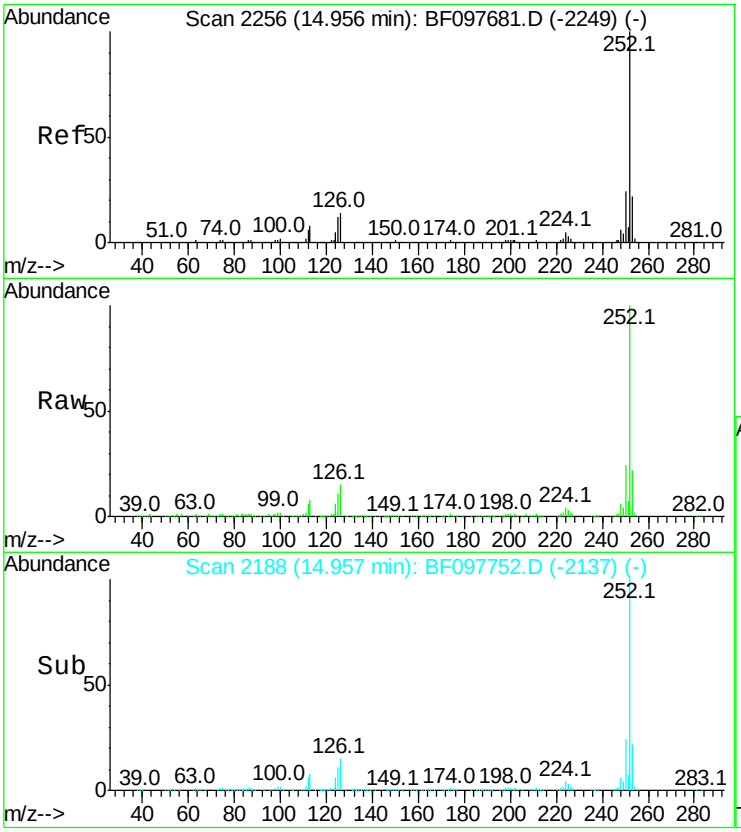


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:264 Resp: 244132

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	20.9	17.2	25.8

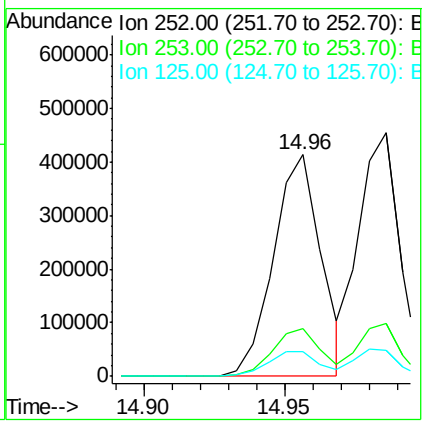




#87
Benzo(b)fluoranthene
Concen: 31.423 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

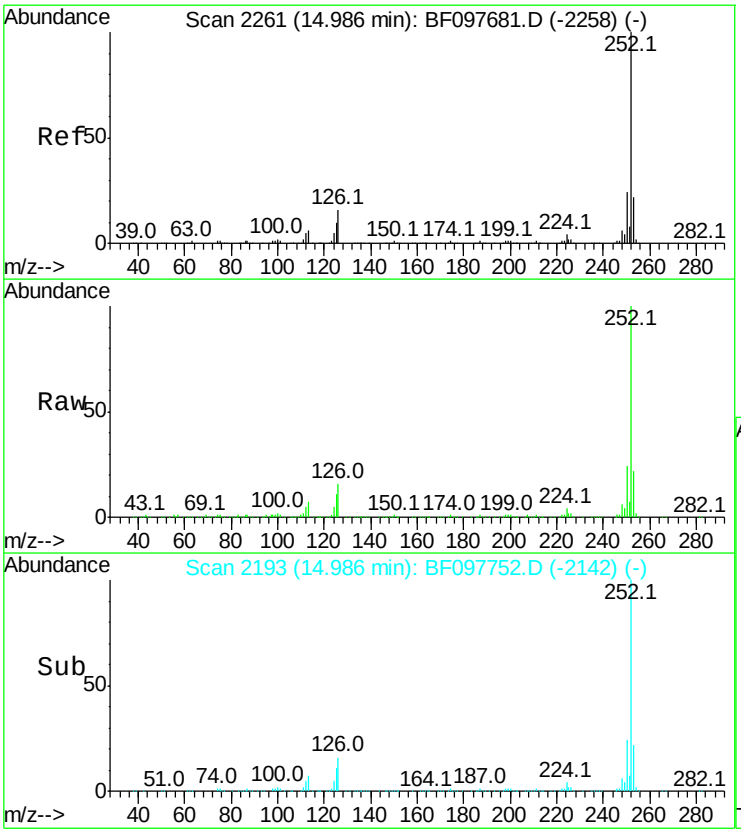
Tgt Ion:252 Resp: 483548

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	11.4	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

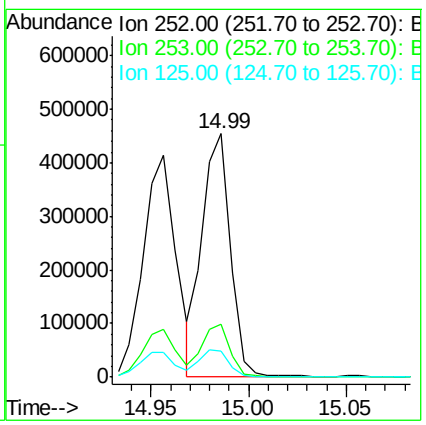
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

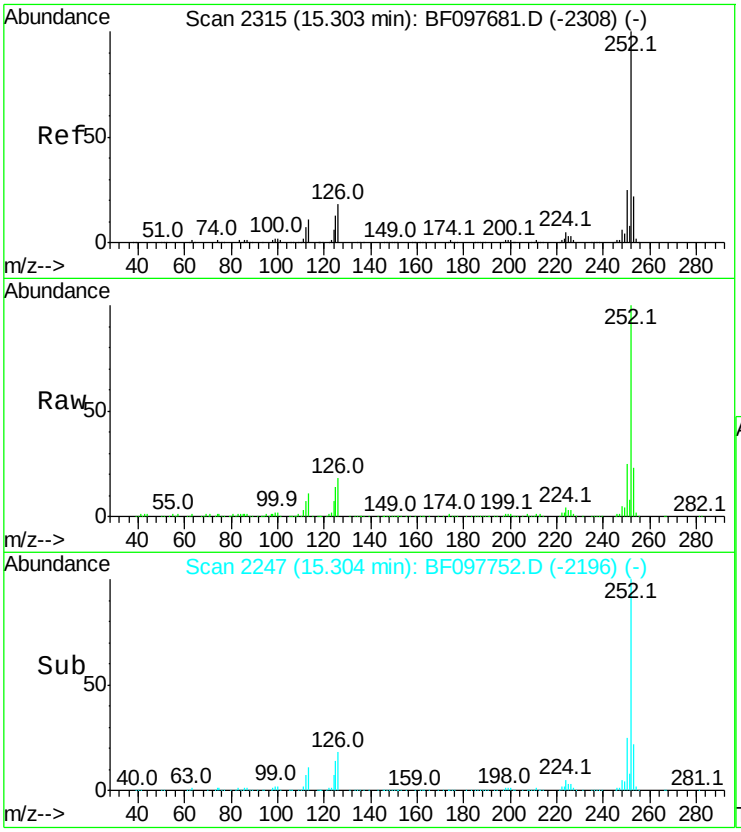


#88
Benzo(k)fluoranthene
Concen: 31.491 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:252 Resp: 455284

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	10.8	13.1	19.7#

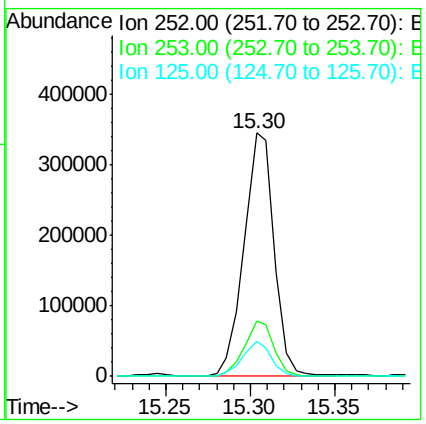




#89
Benzo(a)pyrene
Concen: 31.417 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

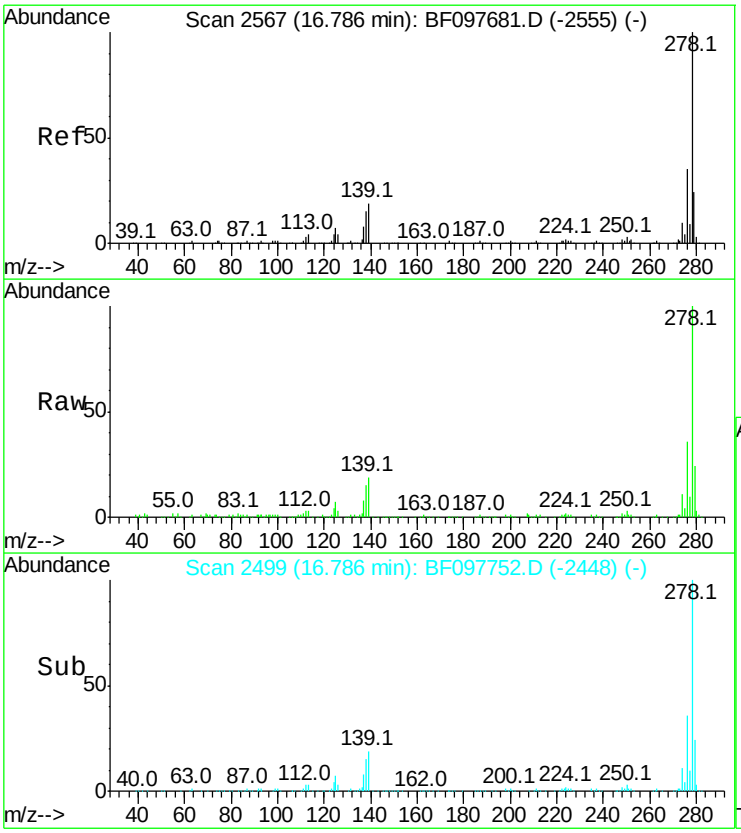
Tgt Ion:252 Resp: 427991

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.3	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

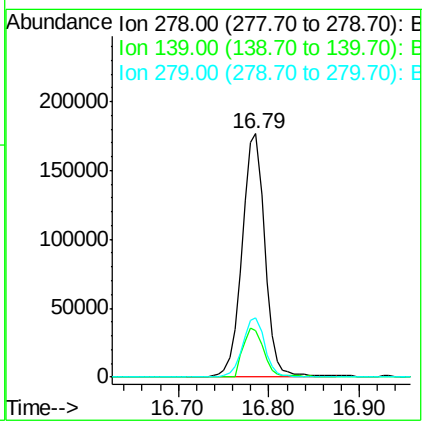
Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM

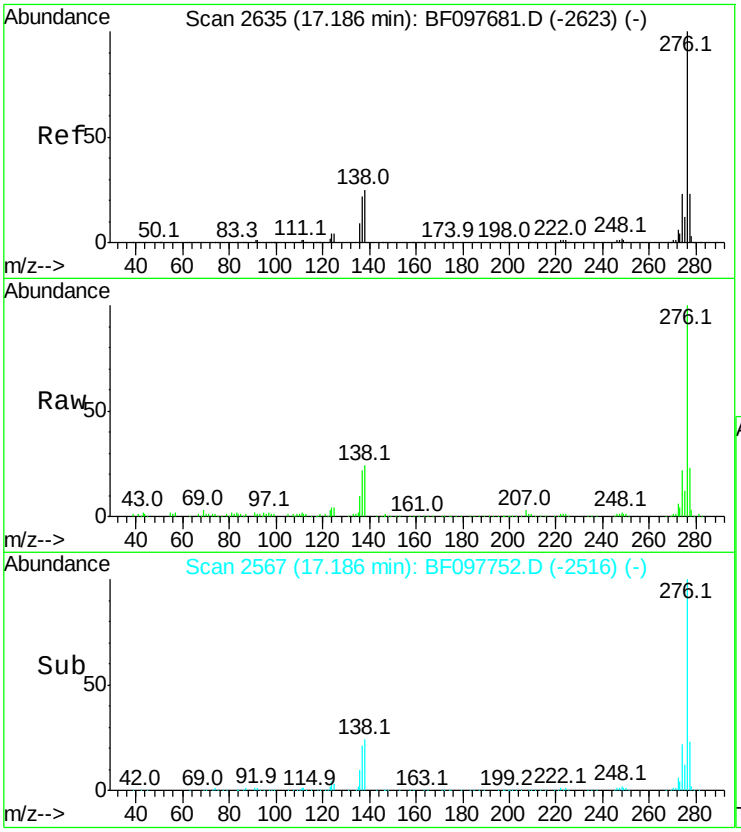


#90
Dibenzo(a,h)anthracene
Concen: 27.828 ng
RT: 16.79 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:278 Resp: 308628

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.6	24.8
279	24.1	19.3	28.9

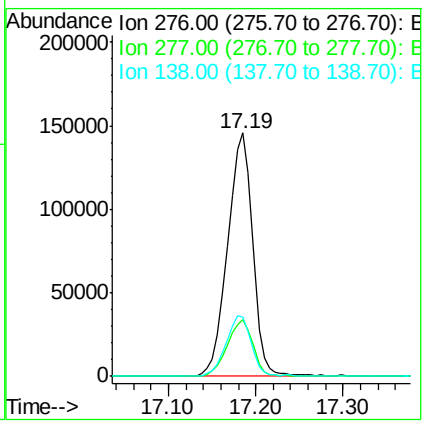




#91
Benzo(g,h,i)perylene
Concen: 24.607 ng
RT: 17.19 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BF097752.D
Acq: 16 Aug 2017 21:29

Tgt Ion:276 Resp: 284753

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	24.2	25.4	38.0#



Instrument :
BNA_F
ClientSampleId :
TP-106-JMS

Manual Integrations APPROVED
Sohil
8/17/2017 5:57:51 PM