Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117056.D
Acq On : 16 Sep 2019 12:11
Operator : HP/JU
Sample : K4663-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

Quant Time: Sep 16 15:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	60774	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	231297	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	121668	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	204516	20.00	ng	0.00
76) Chrysene-d12	13.97	240	161206	20.00	ng	0.00
87) Perylene-d12	15.42	264	152863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	471841	121.21	ng	0.02
7) Phenol-d6	6.46	99	587679	116.82	ng	0.00
23) Nitrobenzene-d5	7.39	82	433799	98.54	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	152313	149.79	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	747465	96.06	ng	0.00
79) Terphenyl-d14	12.92	244	795540	92.24	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.68	88	63262	38.838	ng	# 86
3) Pyridine	3.41	79	123202	27.634	ng	98
4) n-Nitrosodimethylamine	3.32	42	70775	46.258	ng	98
6) Aniline	6.49	93	168431	26.004	ng	90
8) 2-Chlorophenol	6.62	128	195172	46.476	ng	97
9) Benzaldehyde	6.37	77	89482	34.239	ng	98
10) Phenol	6.47	94	218054	39.318	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	183955	45.131	ng	97
12) 1,3-Dichlorobenzene	6.77	146	200671	42.585	ng	98
13) 1,4-Dichlorobenzene	6.84	146	205882	42.812	ng	98
14) 1,2-Dichlorobenzene	7.00	146	193374	43.189	ng	97
15) Benzyl Alcohol	6.97	79	181648	47.086	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	176309	43.781	ng	95
17) 2-Methylphenol	7.08	107	159194	45.232	ng	94
18) Hexachloroethane	7.33	117	77769	42.037	ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	144239	47.086	ng	94
20) 3+4-Methylphenols	7.23	107	195266	44.542	ng	98
22) Acetophenone	7.23	105	295936	50.359	ng	99
24) Nitrobenzene	7.40	77	222970	51.290	ng	98
25) Isophorone	7.65	82	398294	51.101	ng	100
26) 2-Nitrophenol	7.72	139	100804	53.984	ng	99
27) 2,4-Dimethylphenol	7.76	122	172349	58.203	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	239800	49.936	ng	99
29) 2,4-Dichlorophenol	7.96	162	162330	52.318	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	160419	47.856	ng	98
31) Naphthalene	8.13	128	568901	51.142	ng	98
32) Benzoic acid	7.87	122	39001	21.641	ng	98
33) 4-Chloroaniline	8.17	127	93537	18.958	ng	98
34) Hexachlorobutadiene	8.25	225	90355	47.510	ng	97
35) Caprolactam	8.54	113	41892m	39.889	ng	
36) 4-Chloro-3-methylphenol	8.66	107	193635	53.522	ng	96
37) 2-Methylnaphthalene	8.82	142	388541	51.869	ng	99
38) 1-Methylnaphthalene	8.91	142	364415	51.943	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	152710	48.606	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117056.D
Acq On : 16 Sep 2019 12:11
Operator : HP/JU
Sample : K4663-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

Quant Time: Sep 16 15:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	142143	100.161	ng	98
43) 2,4,6-Trichlorophenol	9.09	196	106636	50.014	ng	99
44) 2,4,5-Trichlorophenol	9.14	196	117489	51.576	ng	95
46) 1,1'-Biphenyl	9.27	154	466739	48.906	ng	99
47) 2-Chloronaphthalene	9.30	162	366358	48.640	ng	98
48) 2-Nitroaniline	9.40	65	121792	50.413	ng	99
49) Acenaphthylene	9.72	152	579874	51.392	ng	100
50) Dimethylphthalate	9.57	163	434627	50.452	ng	99
51) 2,6-Dinitrotoluene	9.64	165	95524	54.444	ng	96
52) Acenaphthene	9.89	154	332216	49.669	ng	98
53) 3-Nitroaniline	9.80	138	77157	34.854	ng	98
54) 2,4-Dinitrophenol	9.92	184	38799	54.512	ng	93
55) Dibenzofuran	10.06	168	504555	51.128	ng	96
56) 4-Nitrophenol	9.97	139	135064	94.139	ng	97
57) 2,4-Dinitrotoluene	10.05	165	129399	56.817	ng	95
58) Fluorene	10.40	166	411392	51.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93962	53.902	ng	98
60) Diethylphthalate	10.27	149	425400	50.193	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	175734	51.094	ng	96
62) 4-Nitroaniline	10.42	138	117448	51.017	ng	98
63) Azobenzene	10.55	77	451538	52.164	ng	97
65) 4,6-Dinitro-2-methylphenol	10.45	198	39047	42.779	ng	85
66) n-Nitrosodiphenylamine	10.51	169	361869	51.233	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	104411	49.991	ng	93
68) Hexachlorobenzene	10.95	284	110836	48.518	ng	96
69) Atrazine	11.03	200	101786	65.625	ng	98
70) Pentachlorophenol	11.15	266	112903	105.436	ng	99
71) Phenanthrene	11.36	178	591492	50.919	ng	100
72) Anthracene	11.41	178	615871	51.931	ng	98
73) Carbazole	11.56	167	587907	52.226	ng	99
74) Di-n-butylphthalate	11.89	149	694357	51.843	ng	98
75) Fluoranthene	12.54	202	629529	52.743	ng	98
77) Benzidine	12.66	184	231719	44.623	ng	99
78) Pyrene	12.77	202	628800	46.487	ng	100
80) Butylbenzylphthalate	13.38	149	305184	47.749	ng	97
81) Benzo(a)anthracene	13.96	228	526151	48.852	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	104604	30.139	ng	96
83) Chrysene	14.00	228	528762	50.336	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	416408	50.530	ng	98
85) Di-n-octyl phthalate	14.56	149	713591	55.016	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	415837	54.260	ng	99
88) Benzo(b)fluoranthene	15.00	252	470612	50.825	ng	98
89) Benzo(k)fluoranthene	15.03	252	434999	49.594	ng	98
90) Benzo(a)pyrene	15.36	252	424129	52.198	ng	98
91) Dibenzo(a,h)anthracene	16.87	278	347632	53.706	ng	99
92) Benzo(g,h,i)perylene	17.29	276	345643	53.586	ng	97

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

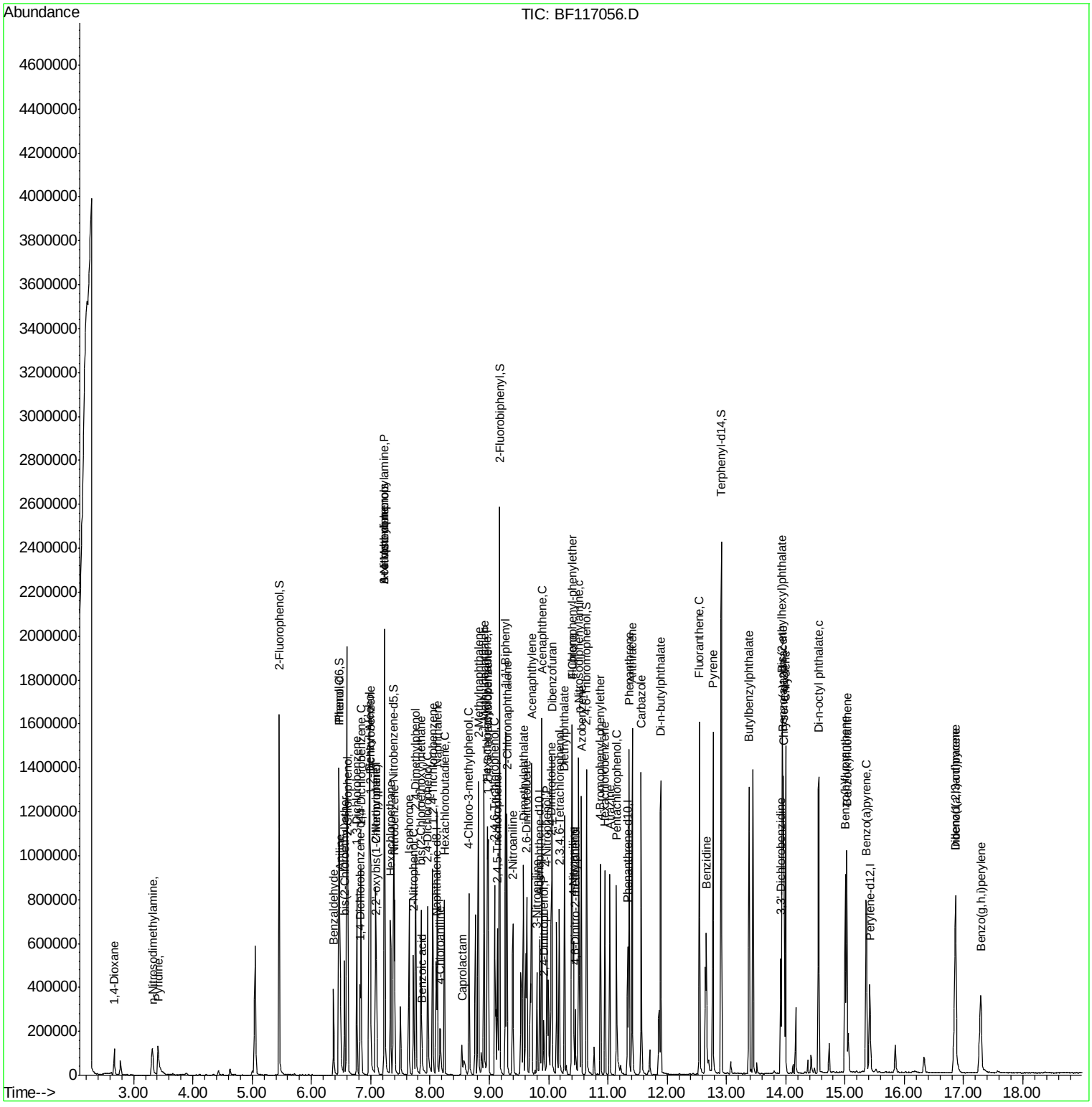
Quantitation Report (QT Reviewed)

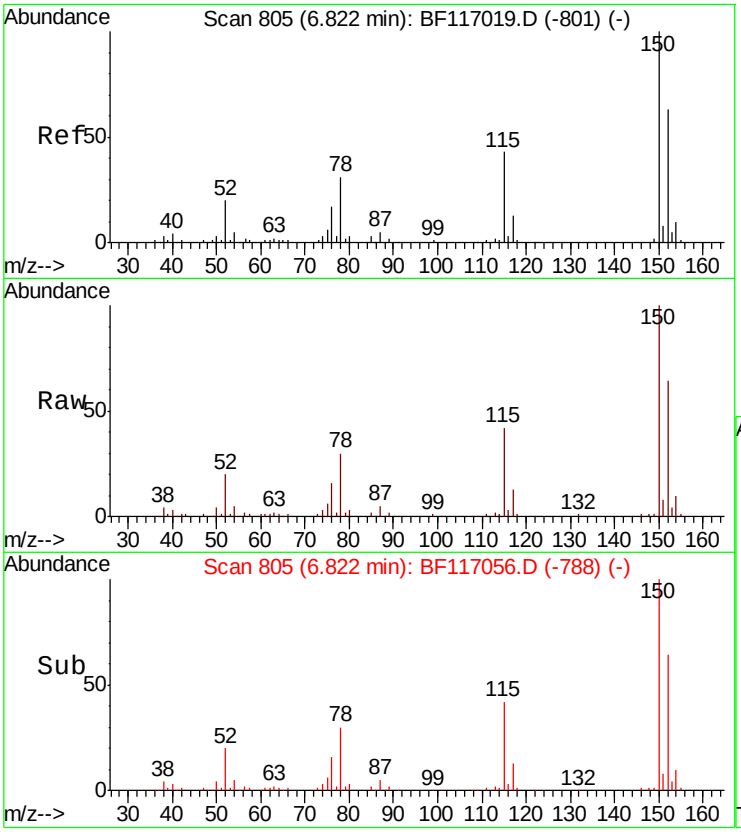
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
Data File : BF117056.D
Acq On : 16 Sep 2019 12:11
Operator : HP/JU
Sample : K4663-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 16 15:08:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

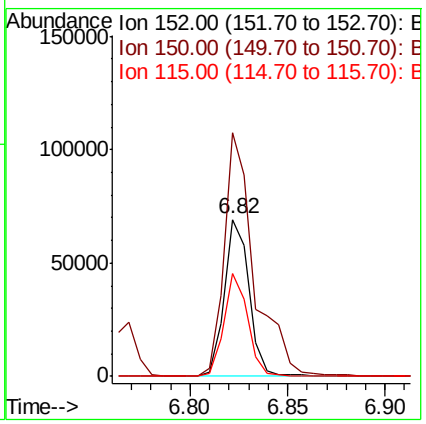




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

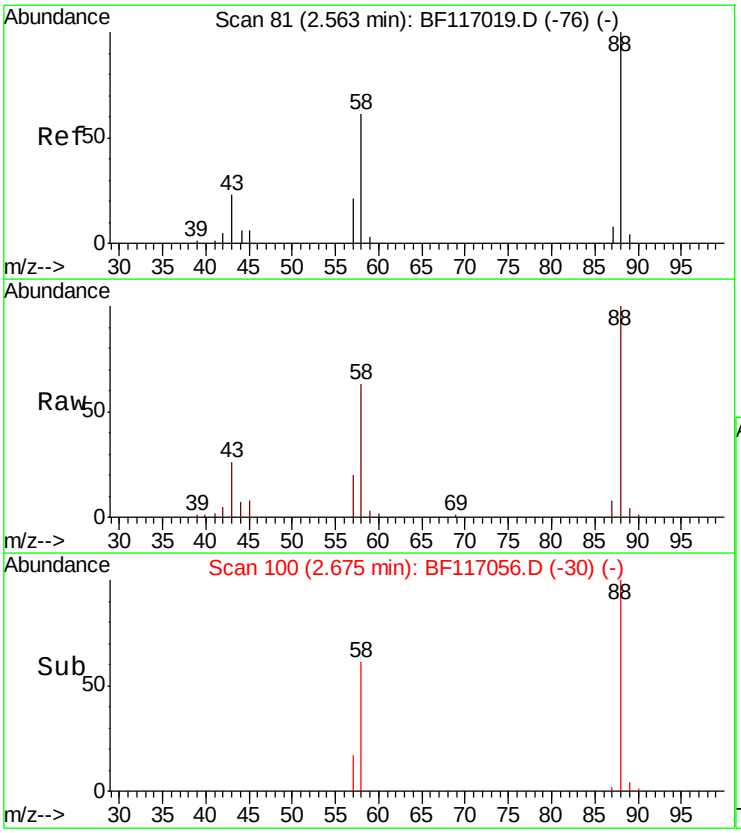
Tgt Ion:152 Resp: 60774

Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.5	191.3
115	66.0	55.0	82.4



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

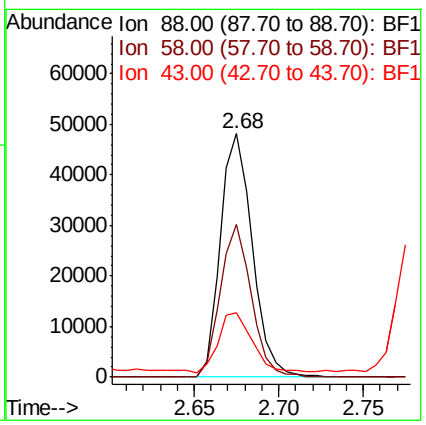
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

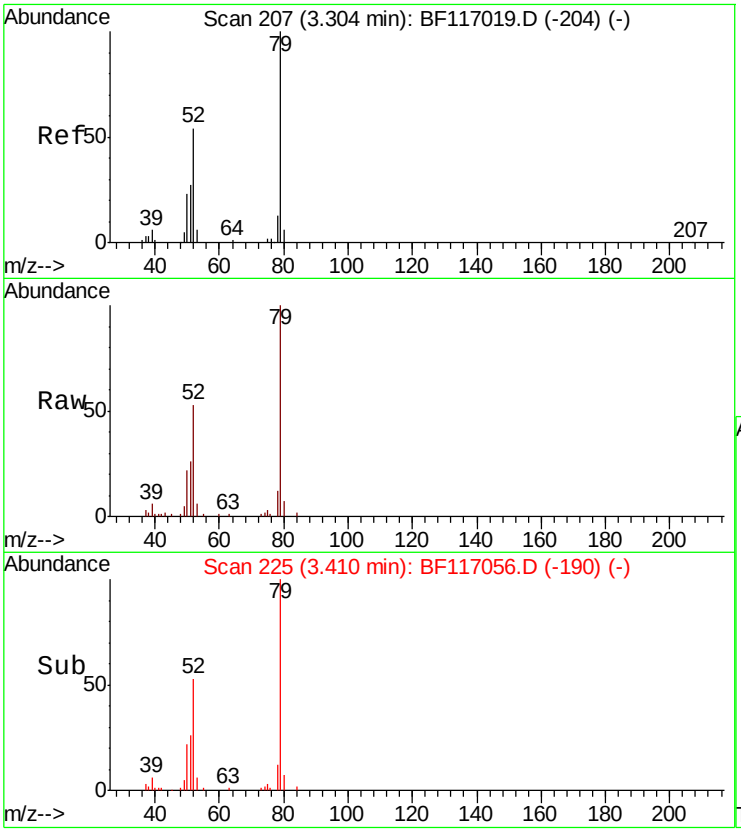


#2
1,4-Dioxane
Concen: 38.838 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.11 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 88 Resp: 63262

Ion	Ratio	Lower	Upper
88	100		
58	60.8	49.3	73.9
43	0.0	18.8	28.2#

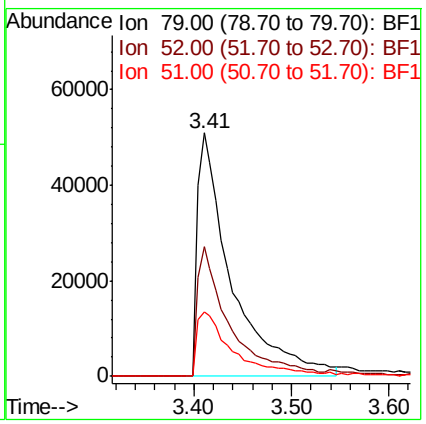




#3
Pyridine
Concen: 27.634 ng
RT: 3.41 min Scan# 225
Delta R.T. 0.11 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

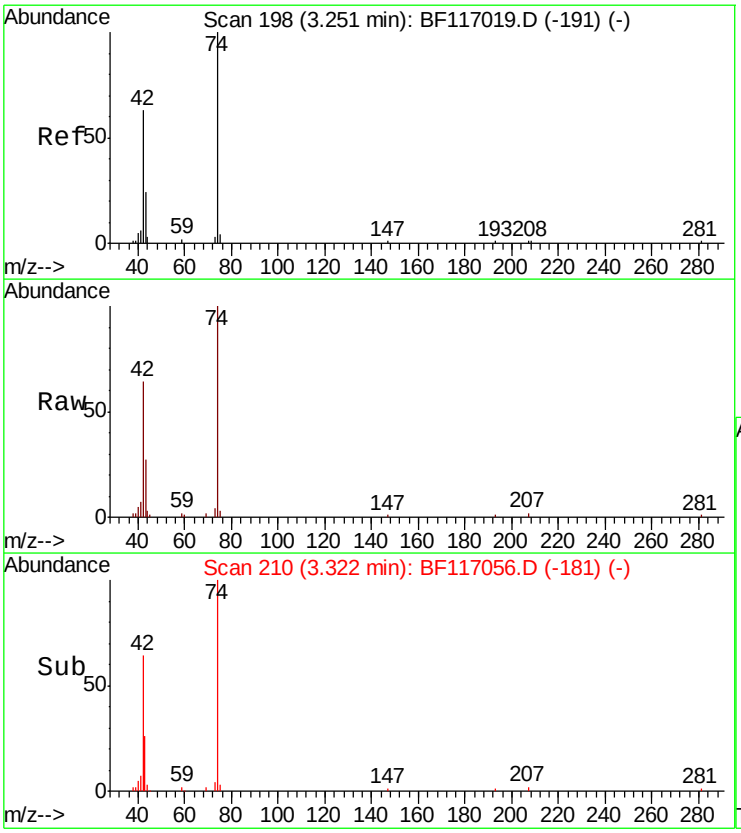
Tgt Ion: 79 Resp: 123202

Ion	Ratio	Lower	Upper
79	100		
52	53.1	43.5	65.3
51	26.4	21.8	32.6



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

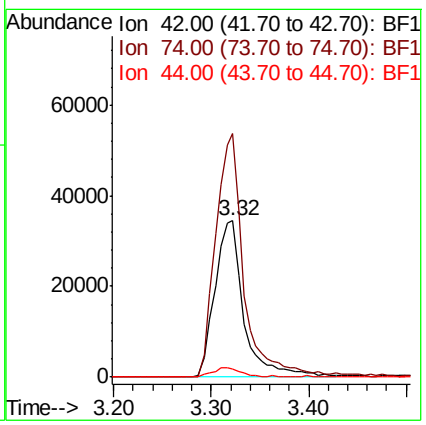
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

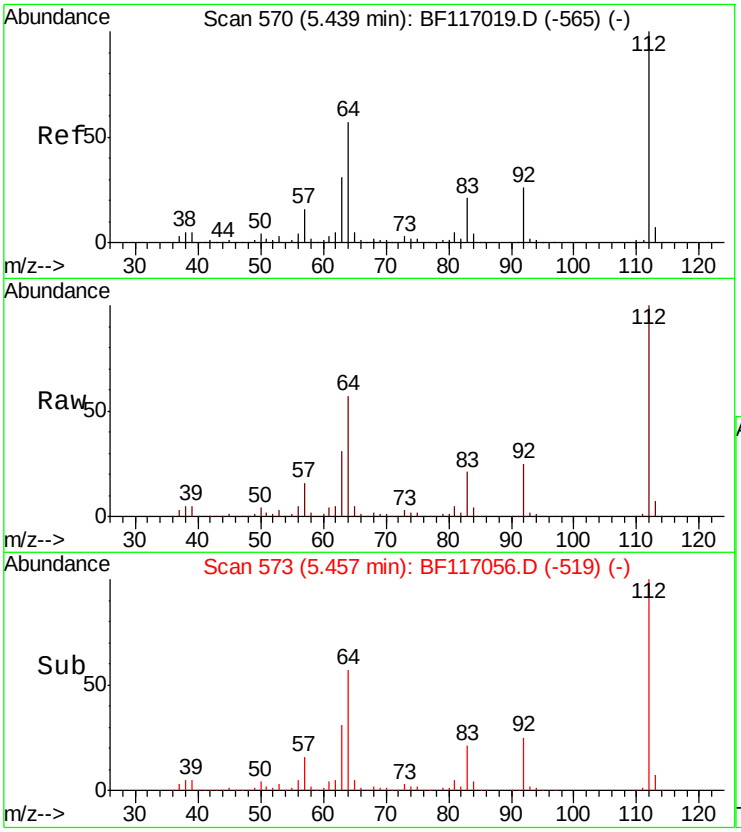


#4
n-Nitrosodimethylamine
Concen: 46.258 ng
RT: 3.32 min Scan# 210
Delta R.T. 0.07 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 42 Resp: 70775

Ion	Ratio	Lower	Upper
42	100		
74	155.6	127.1	190.7
44	5.2	4.3	6.5

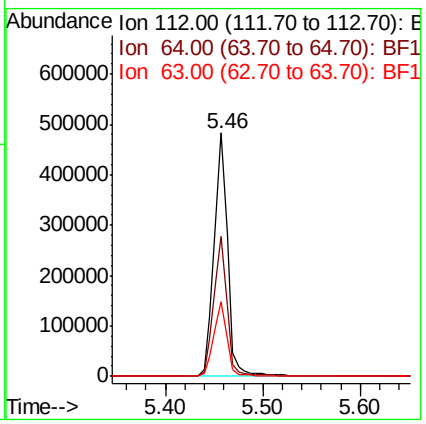




#5
2-Fluorophenol
Concen: 121.213 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

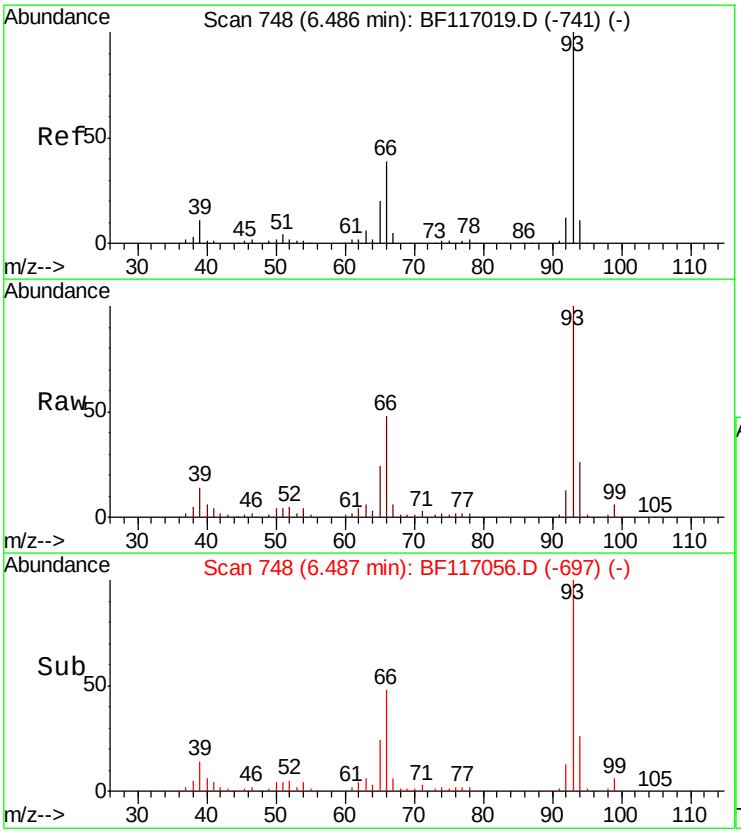
Tgt Ion:112 Resp: 471841

Ion	Ratio	Lower	Upper
112	100		
64	57.4	45.7	68.5
63	30.6	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

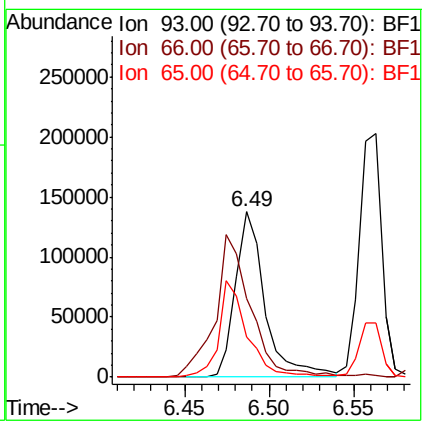
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

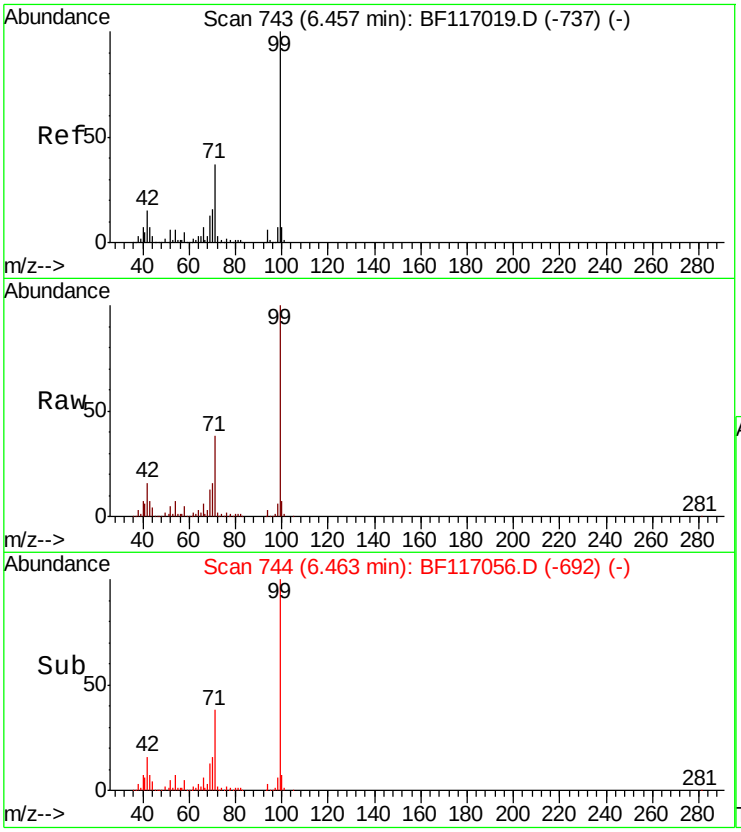


#6
Aniline
Concen: 26.004 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 93 Resp: 168431

Ion	Ratio	Lower	Upper
93	100		
66	47.7	32.6	49.0
65	24.4	16.7	25.1

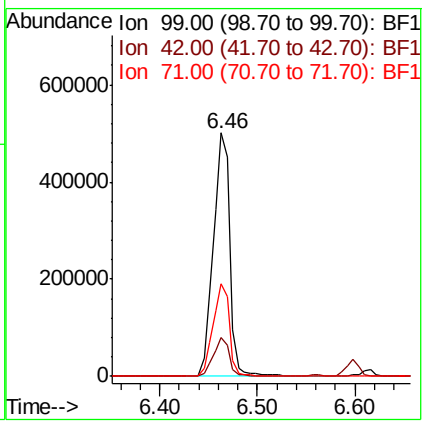




#7
Phenol-d6
Concen: 116.818 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

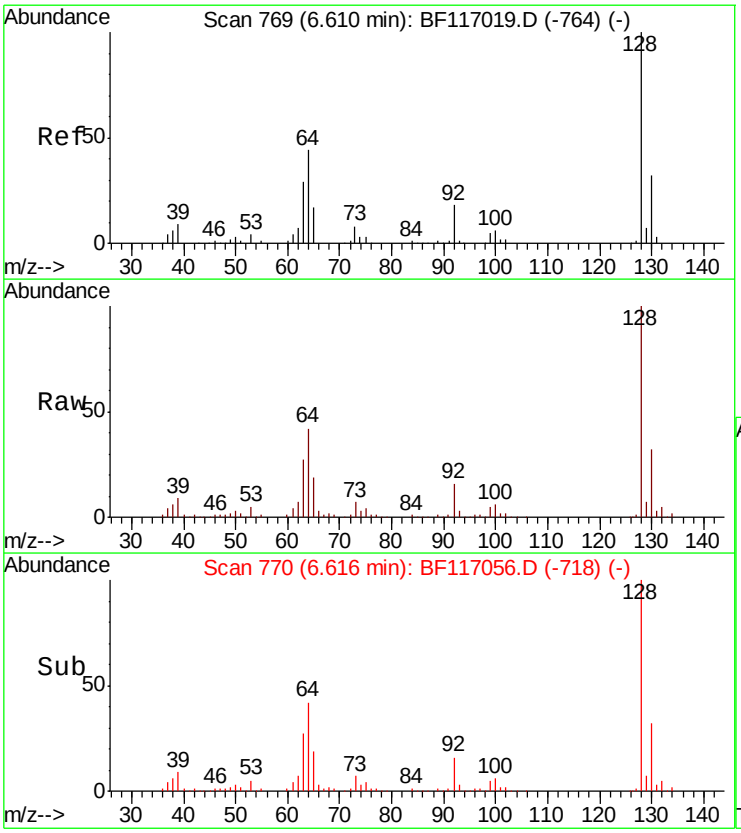
Tgt Ion: 99 Resp: 587679

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.2	18.2
71	38.2	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

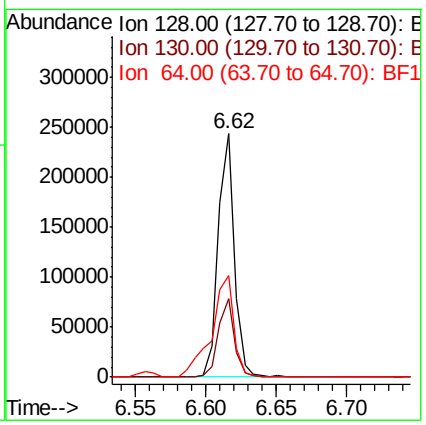
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

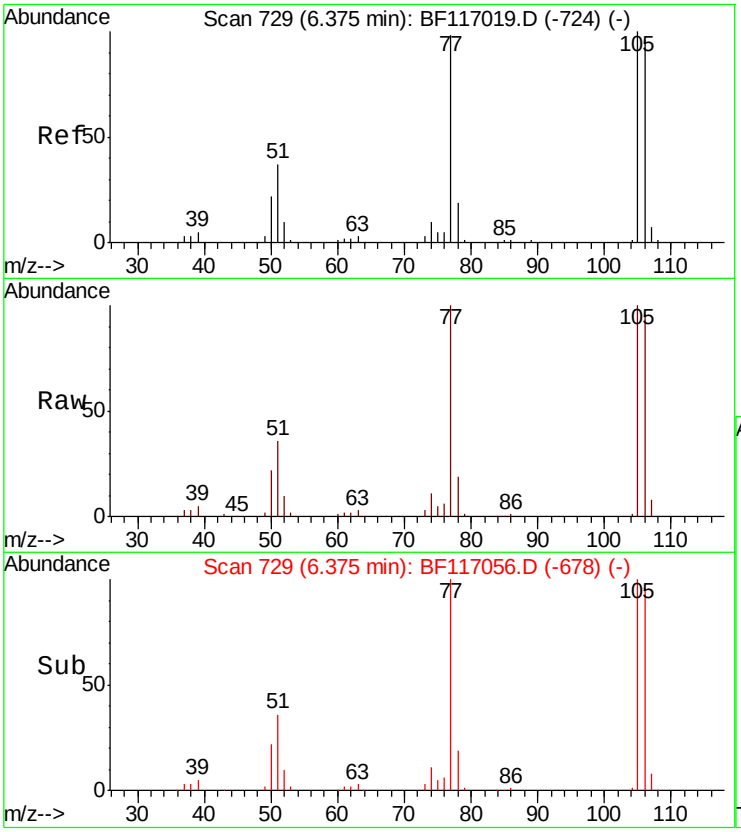


#8
2-Chlorophenol
Concen: 46.476 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:128 Resp: 195172

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.8	51.8
64	41.6	25.0	65.0

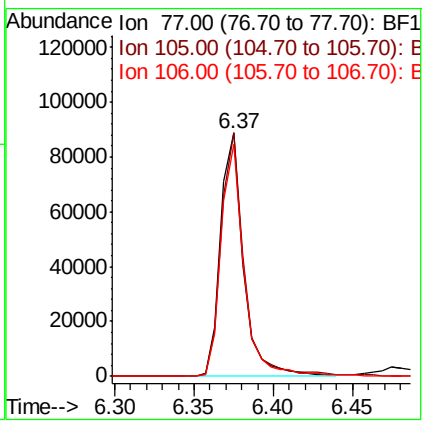




#9
Benzaldehyde
Concen: 34.239 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

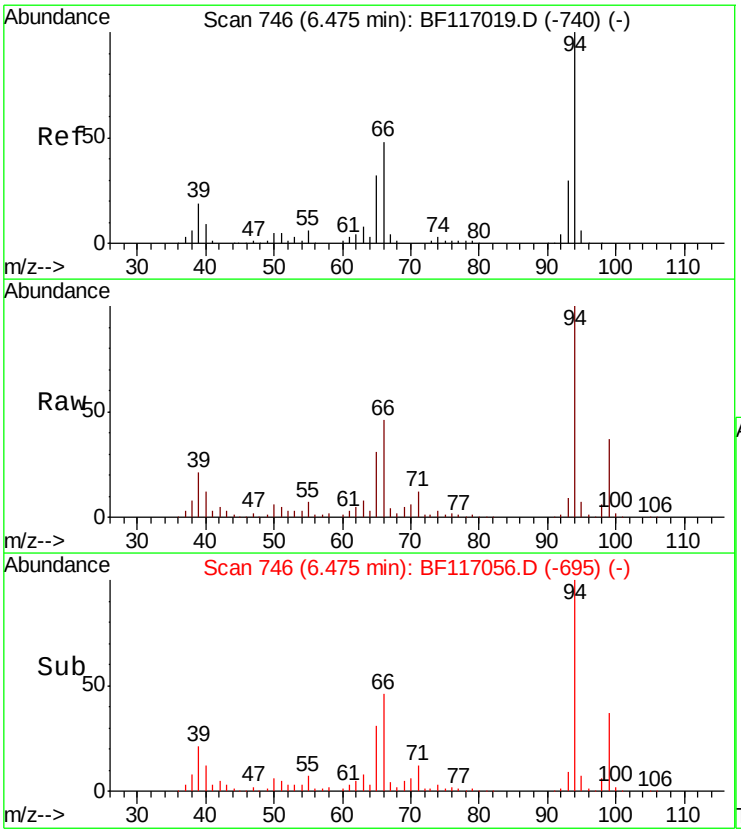
Tgt Ion: 77 Resp: 89482

Ion	Ratio	Lower	Upper
77	100		
105	99.8	81.8	121.8
106	95.6	77.3	117.3



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

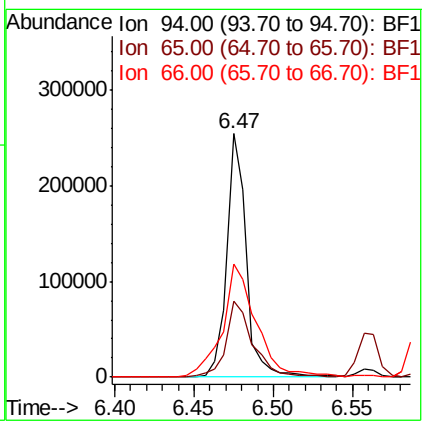
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

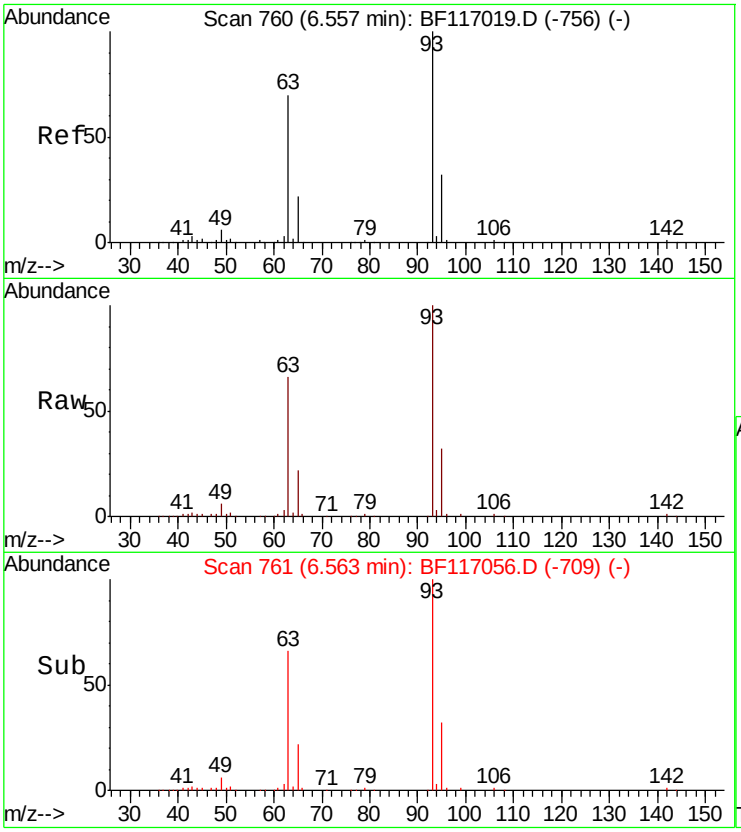


#10
Phenol
Concen: 39.318 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 94 Resp: 218054

Ion	Ratio	Lower	Upper
94	100		
65	31.4	12.5	52.5
66	46.4	28.9	68.9

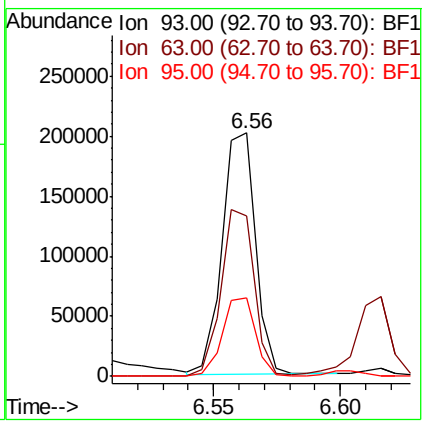




#11
bis(2-Chloroethyl)ether
Concen: 45.131 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

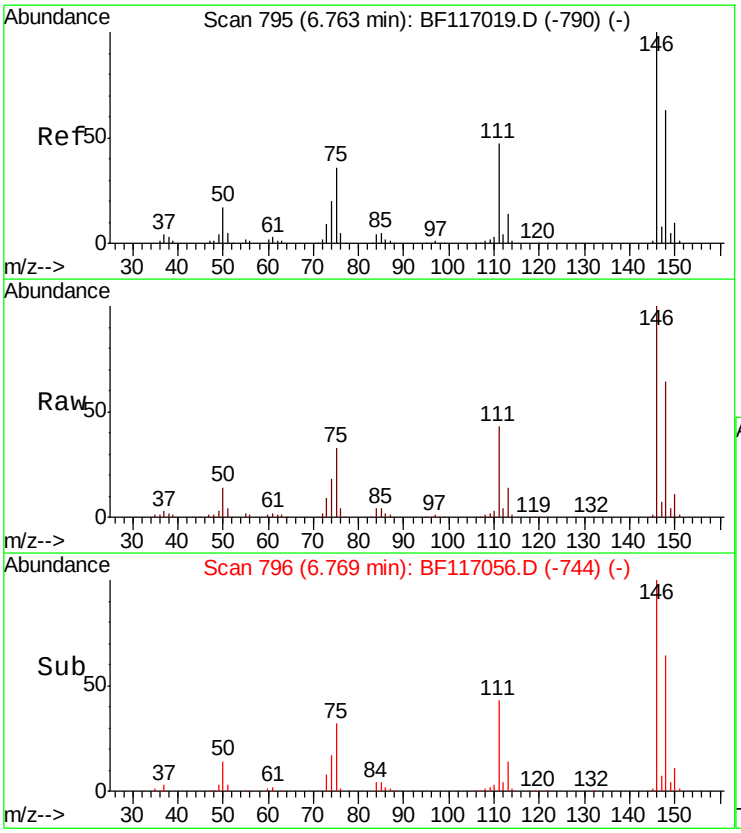
Tgt Ion: 93 Resp: 183955

Ion	Ratio	Lower	Upper
93	100		
63	66.1	49.3	89.3
95	32.0	11.5	51.5



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

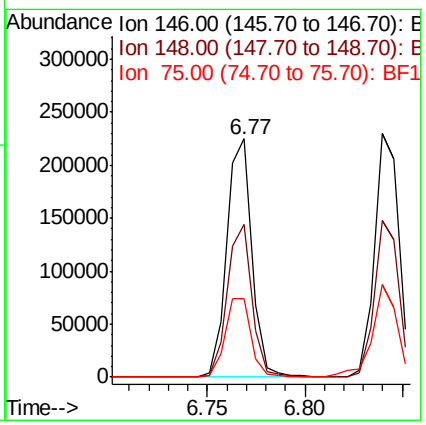
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

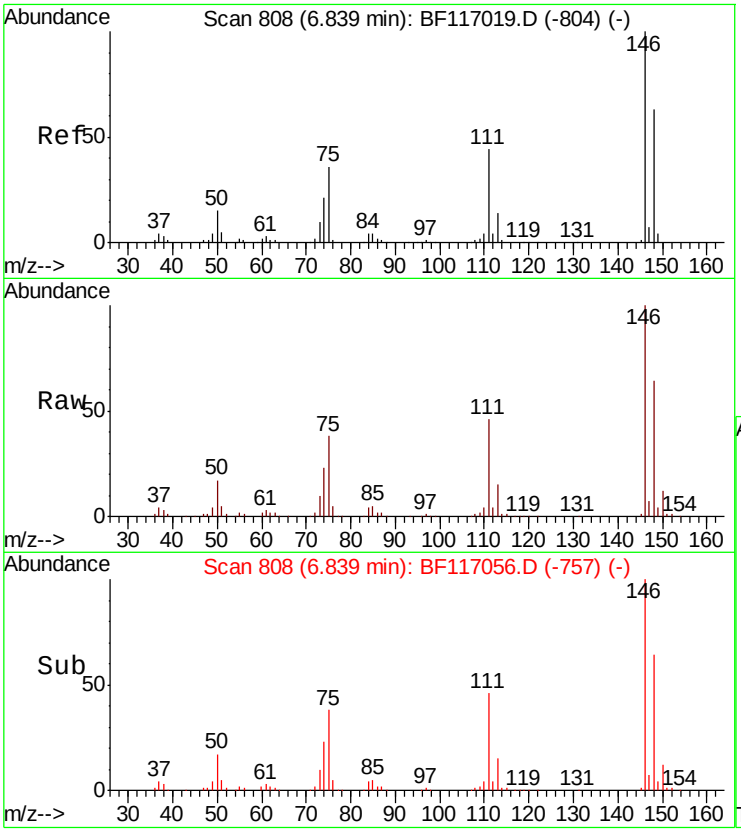


#12
1,3-Dichlorobenzene
Concen: 42.585 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:146 Resp: 200671

Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
75	32.9	28.7	43.1

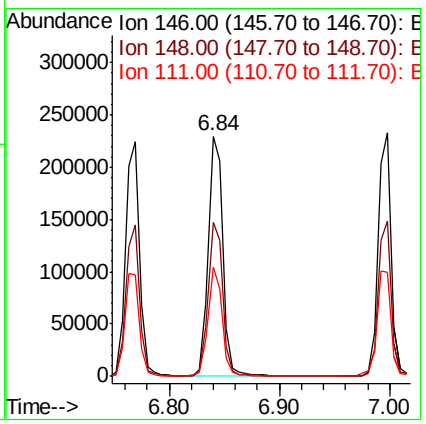




#13
1,4-Dichlorobenzene
Concen: 42.812 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

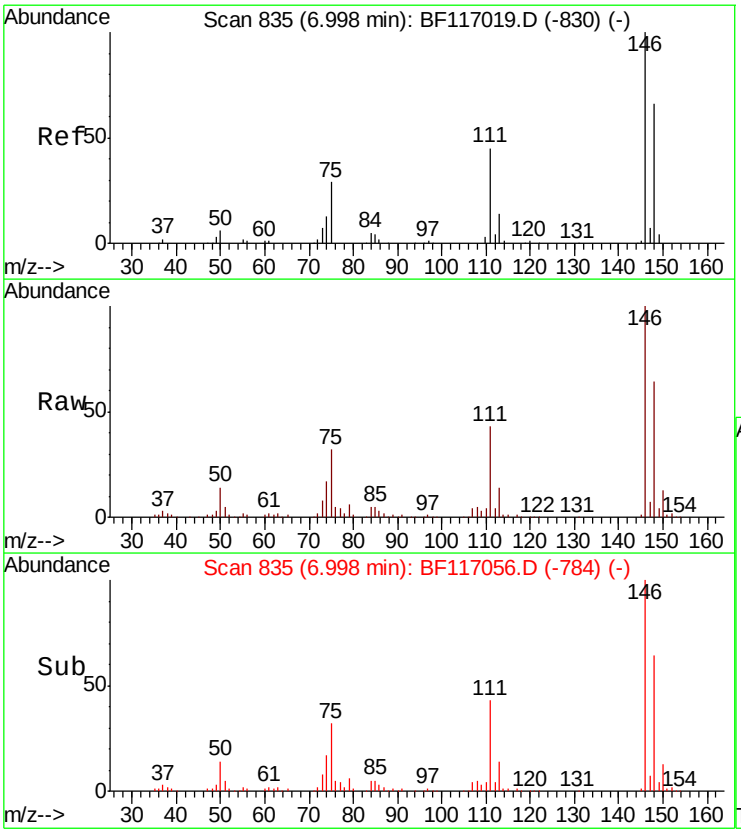
Tgt Ion:146 Resp: 205882

Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	76.0
111	45.6	35.0	52.6



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

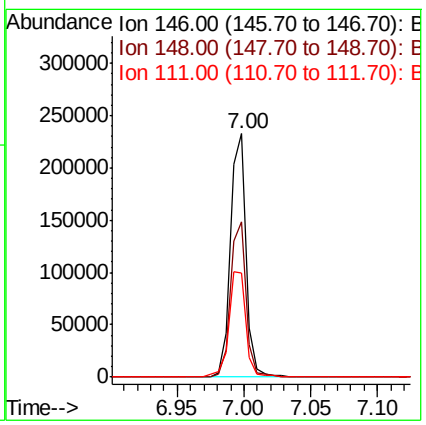
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

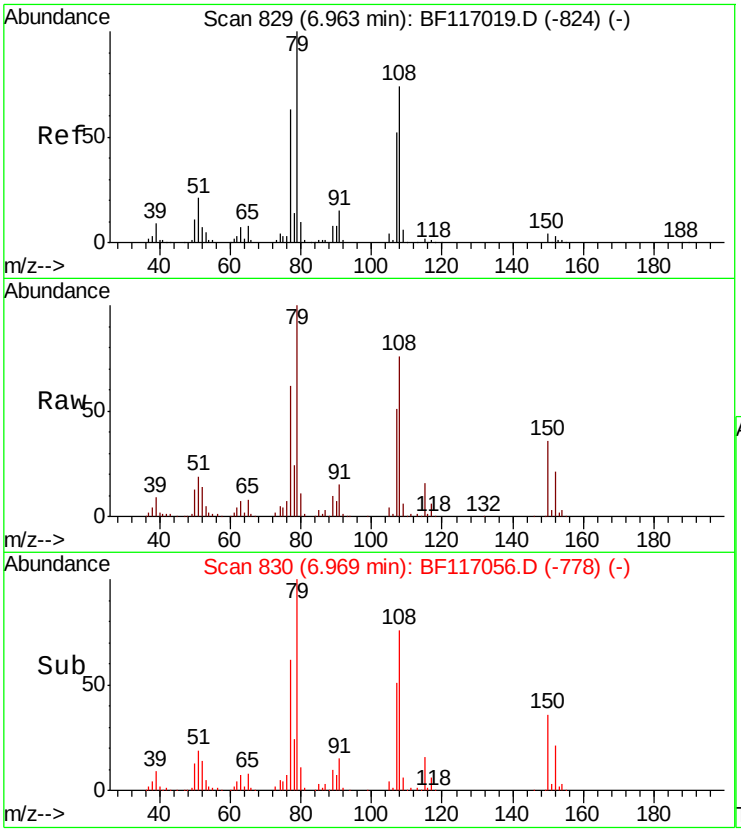


#14
1,2-Dichlorobenzene
Concen: 43.189 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:146 Resp: 193374

Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
111	42.6	36.2	54.2





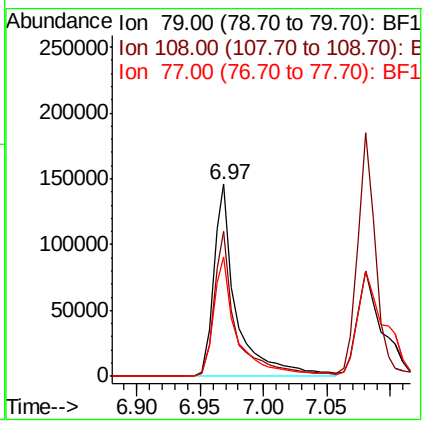
#15
Benzyl Alcohol
Concen: 47.086 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

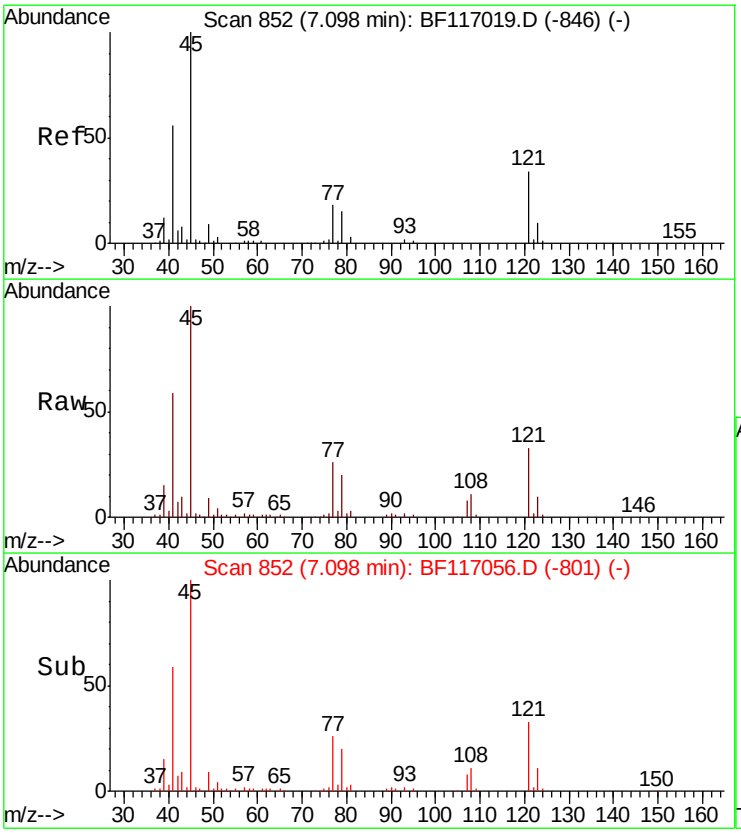
Tgt Ion: 79 Resp: 181648

Ion	Ratio	Lower	Upper
79	100		
108	75.7	59.4	89.0
77	62.1	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

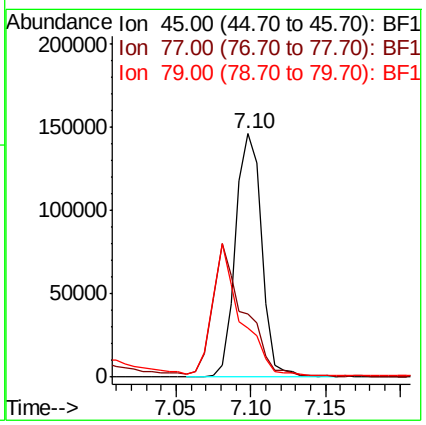


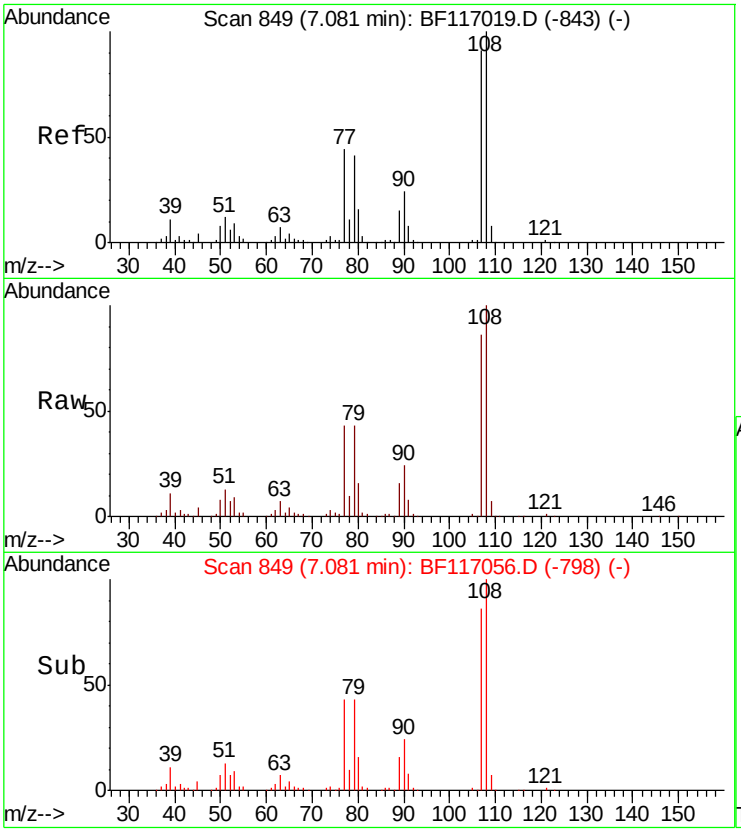


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.781 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 45 Resp: 176309

Ion	Ratio	Lower	Upper
45	100		
77	26.1	2.7	42.7
79	19.9	0.0	38.9

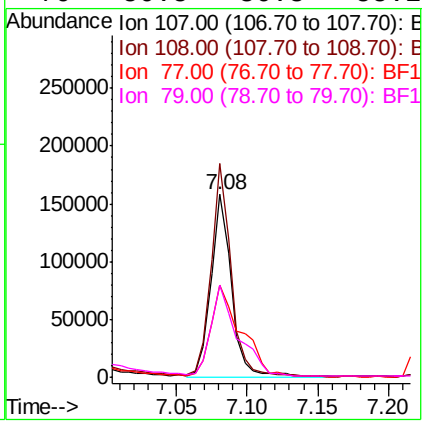




#17
2-Methylphenol
Concen: 45.232 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

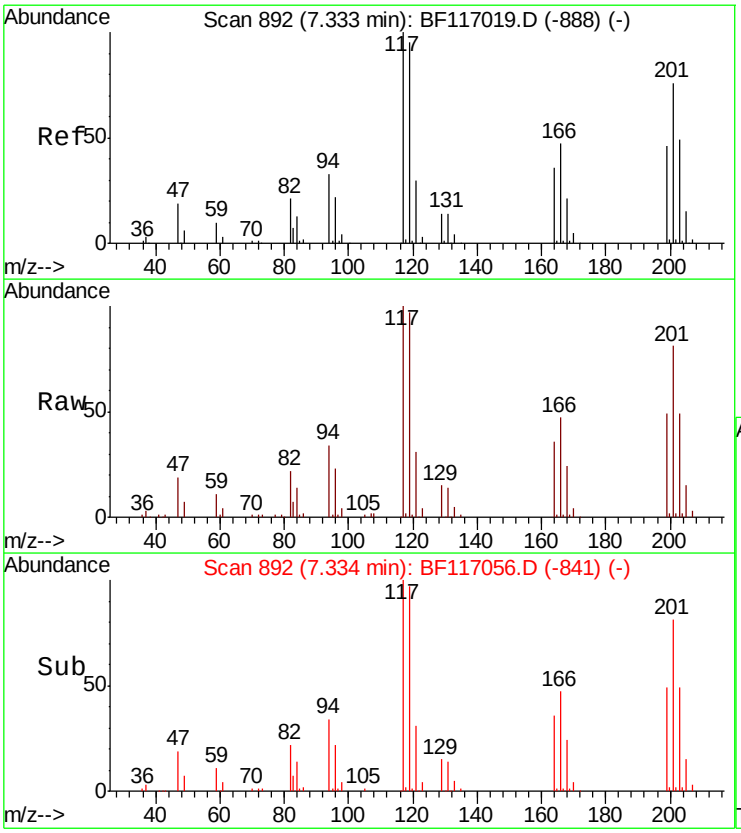
Tgt Ion:107 Resp: 159194

Ion	Ratio	Lower	Upper
107	100		
108	116.9	87.7	131.5
77	50.7	38.6	58.0
79	50.5	36.8	55.2



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

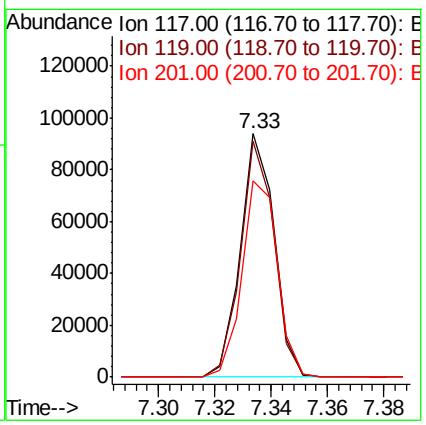
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

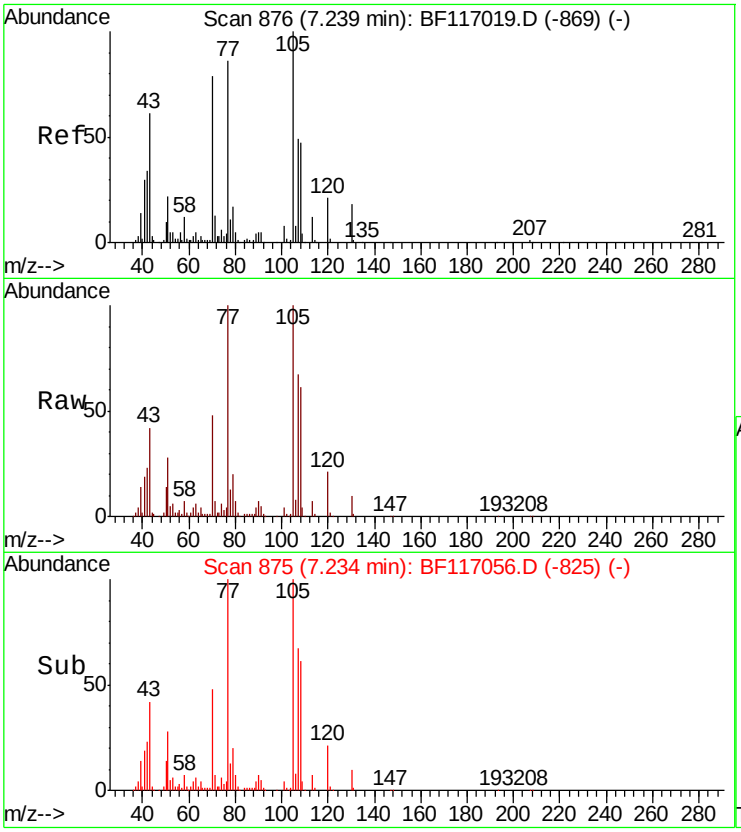


#18
Hexachloroethane
Concen: 42.037 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:117 Resp: 77769

Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.8
201	80.6	60.9	91.3

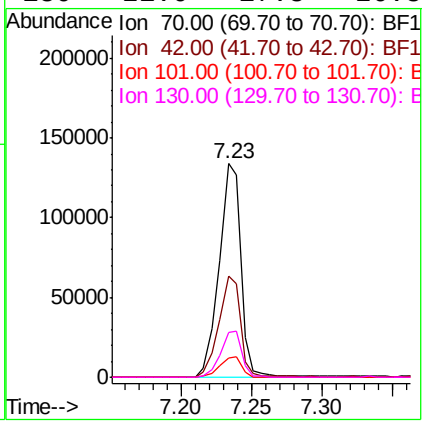




#19
n-Nitroso-di-n-propylamine
Concen: 47.086 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

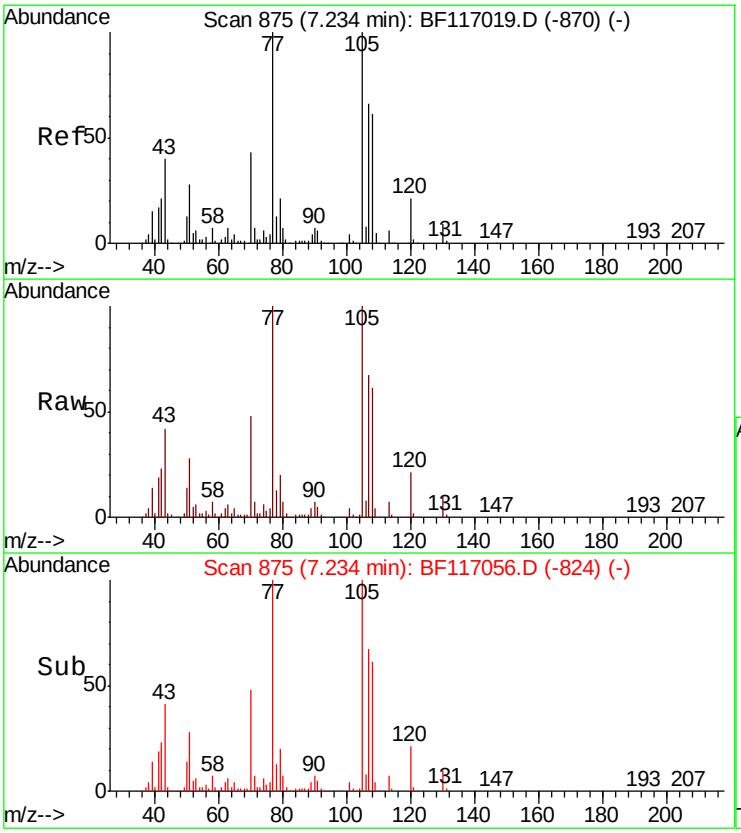
Tgt Ion: 70 Resp: 144239

Ion	Ratio	Lower	Upper
70	100		
42	47.5	34.0	51.0
101	9.0	7.8	11.6
130	21.0	17.8	26.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

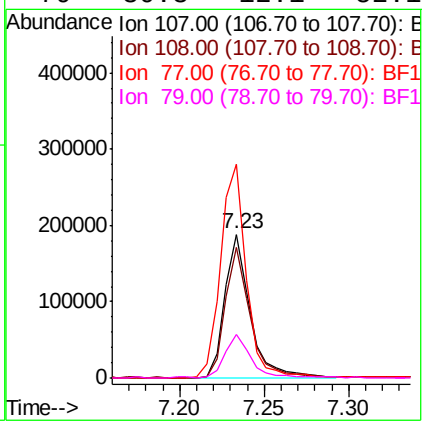
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

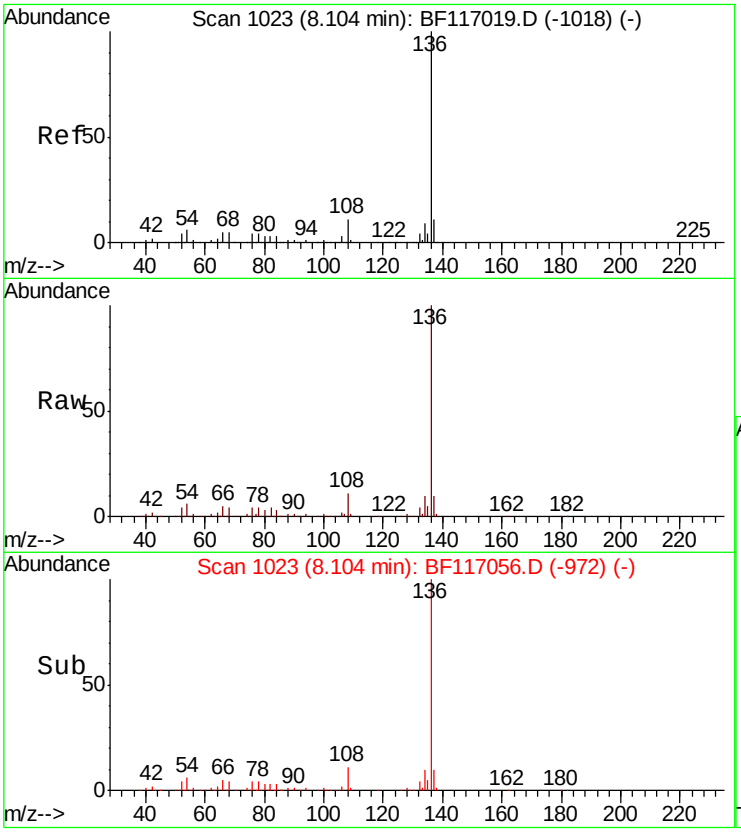


#20
3+4-Methylphenols
Concen: 44.542 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:107 Resp: 195266

Ion	Ratio	Lower	Upper
107	100		
108	90.8	72.6	112.6
77	148.6	132.1	172.1
79	30.3	12.1	52.1

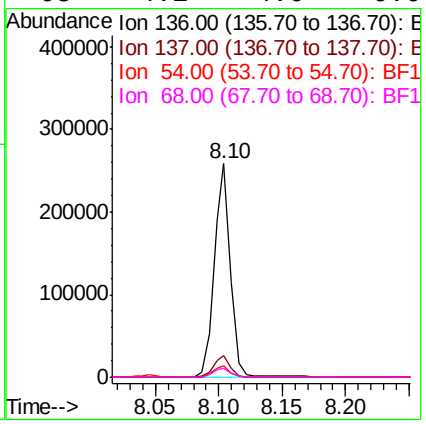




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

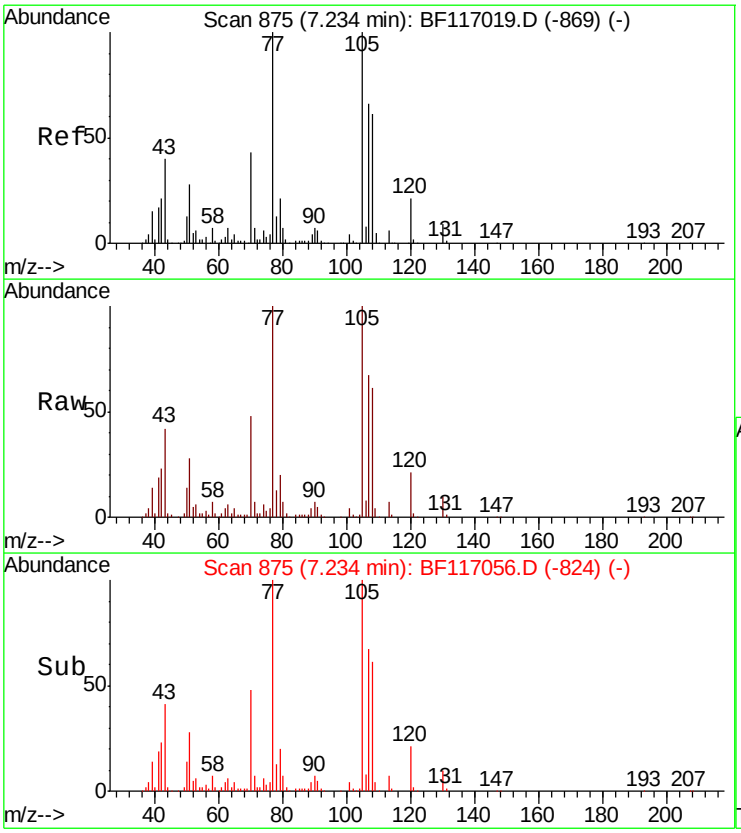
Tgt Ion:136 Resp: 231297

Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.6	4.5	6.7
68	4.2	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

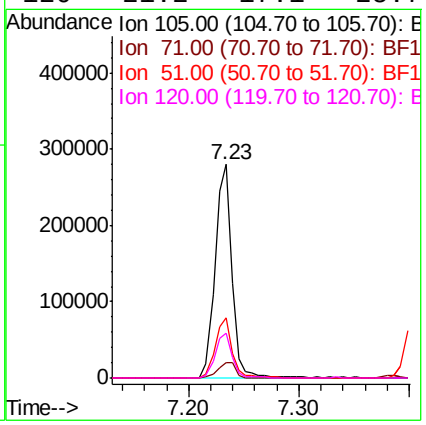
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

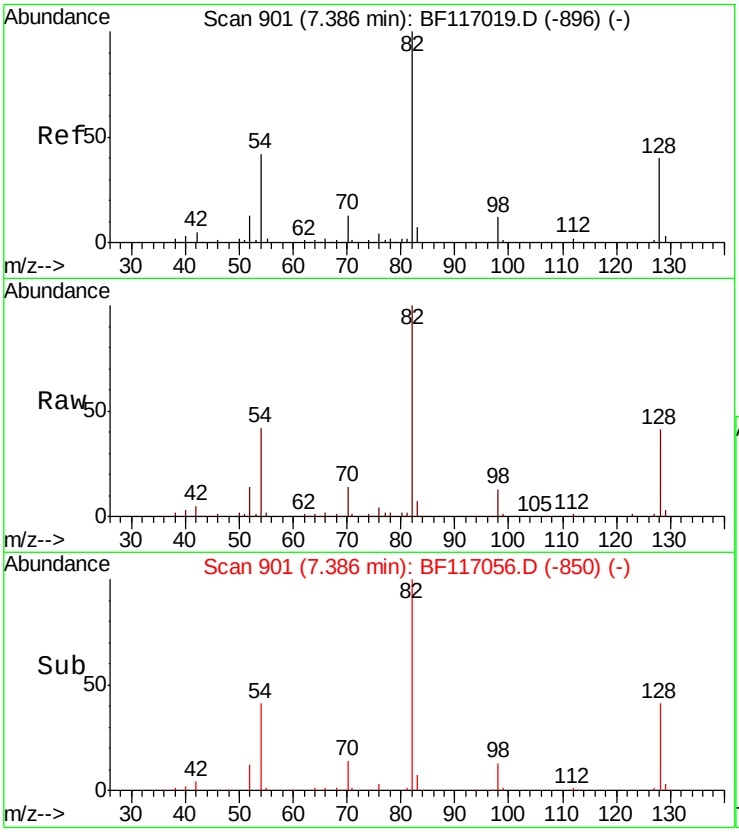


#22
Acetophenone
Concen: 50.359 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:105 Resp: 295936

Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.7	8.5
51	28.2	22.1	33.1
120	21.2	17.1	25.7

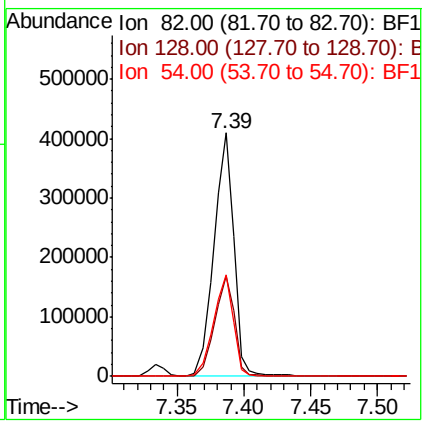




#23
Nitrobenzene-d5
Concen: 98.544 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

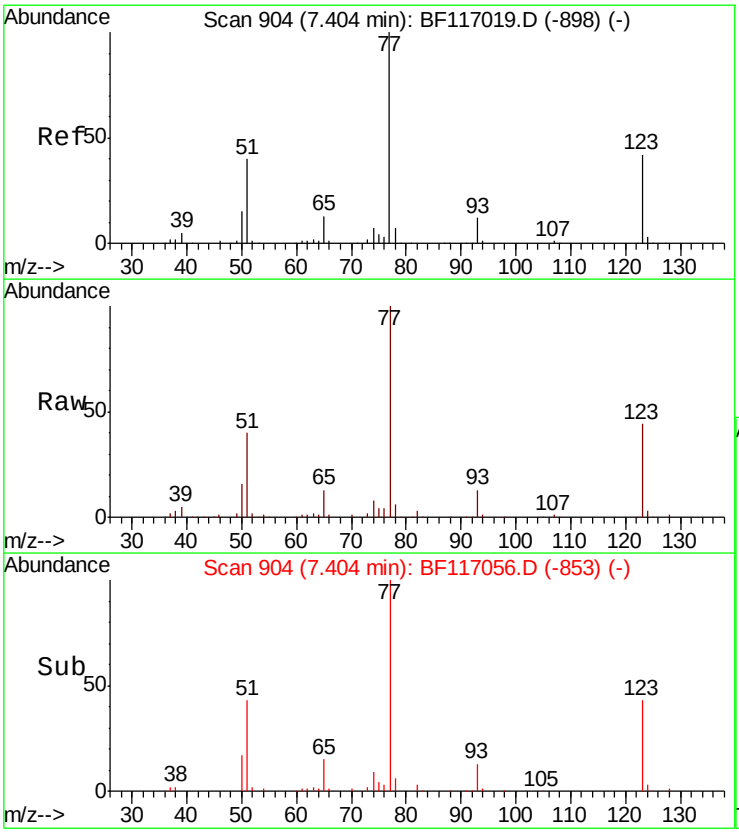
Tgt Ion: 82 Resp: 433799

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.3	48.5
54	41.5	33.3	49.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

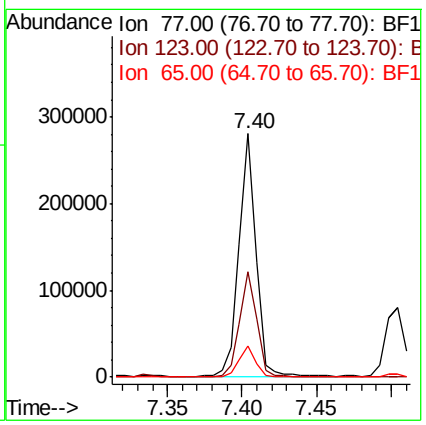
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

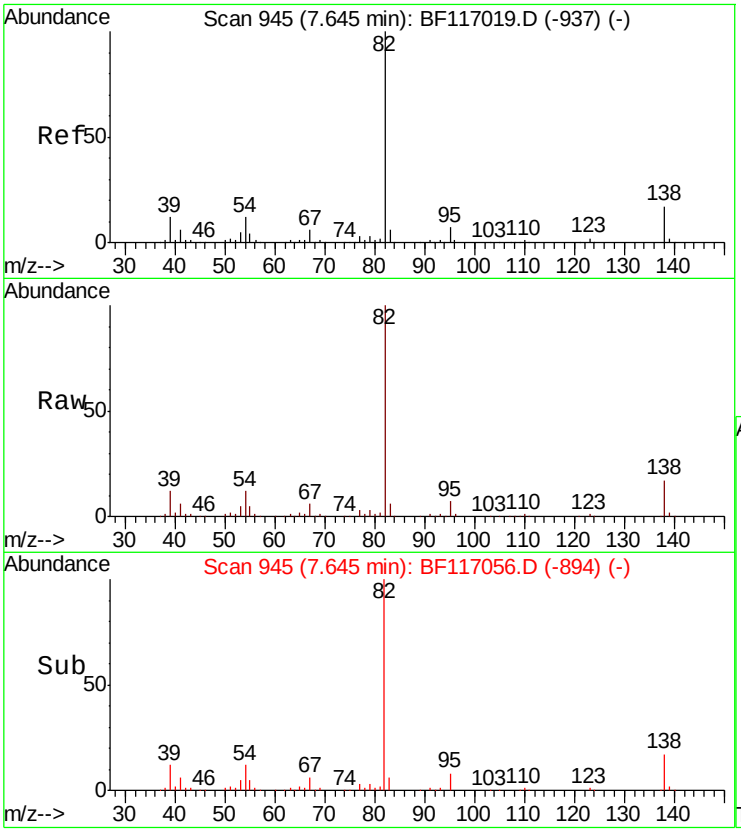


#24
Nitrobenzene
Concen: 51.290 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 77 Resp: 222970

Ion	Ratio	Lower	Upper
77	100		
123	43.5	33.5	50.3
65	13.0	10.5	15.7

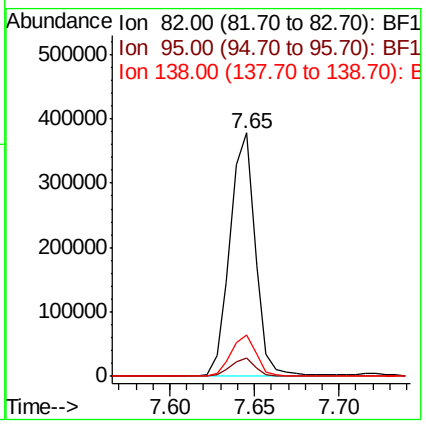




#25
Isophorone
Concen: 51.101 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

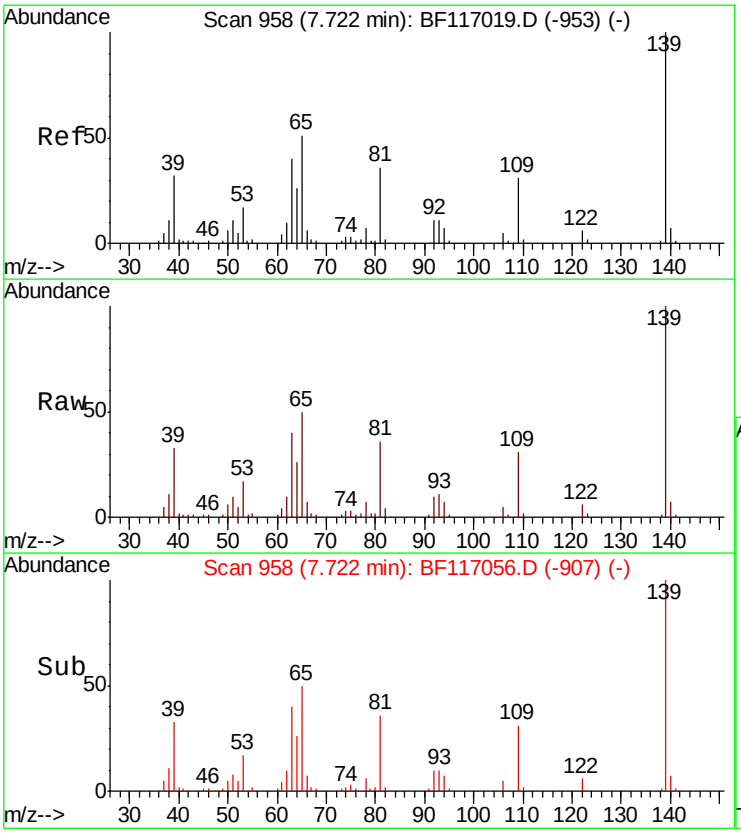
Tgt Ion: 82 Resp: 398294

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.8	8.6
138	16.9	13.5	20.3



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

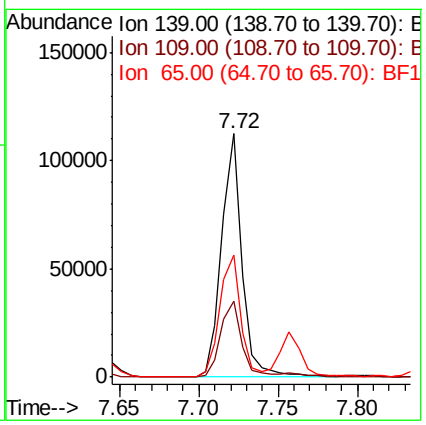
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

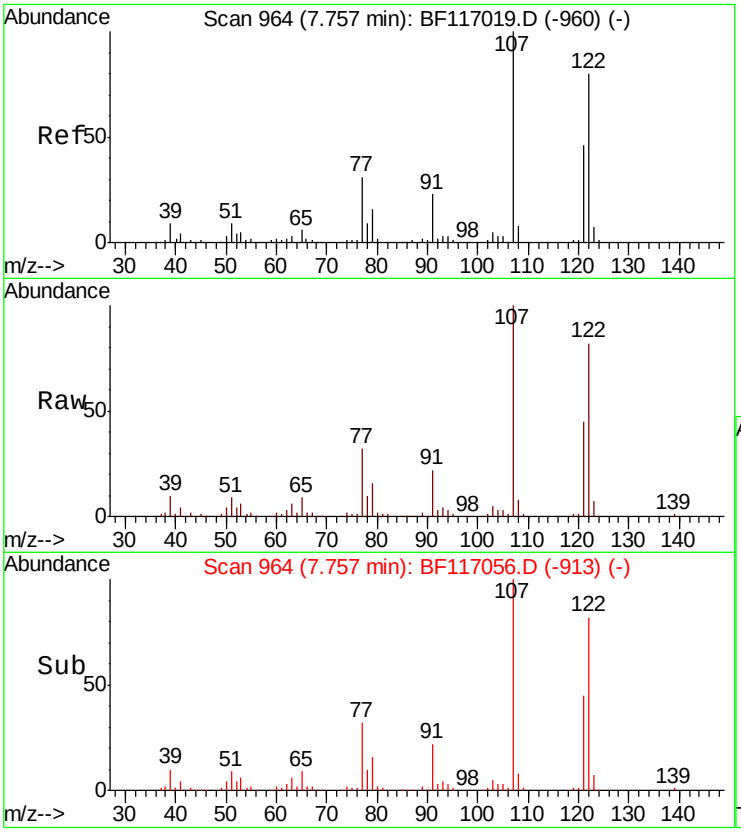


#26
2-Nitrophenol
Concen: 53.984 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:139 Resp: 100804

Ion	Ratio	Lower	Upper
139	100		
109	31.2	24.6	36.8
65	50.1	40.9	61.3

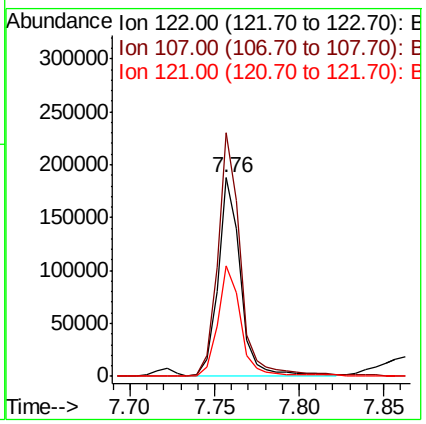




#27
2,4-Dimethylphenol
Concen: 58.203 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

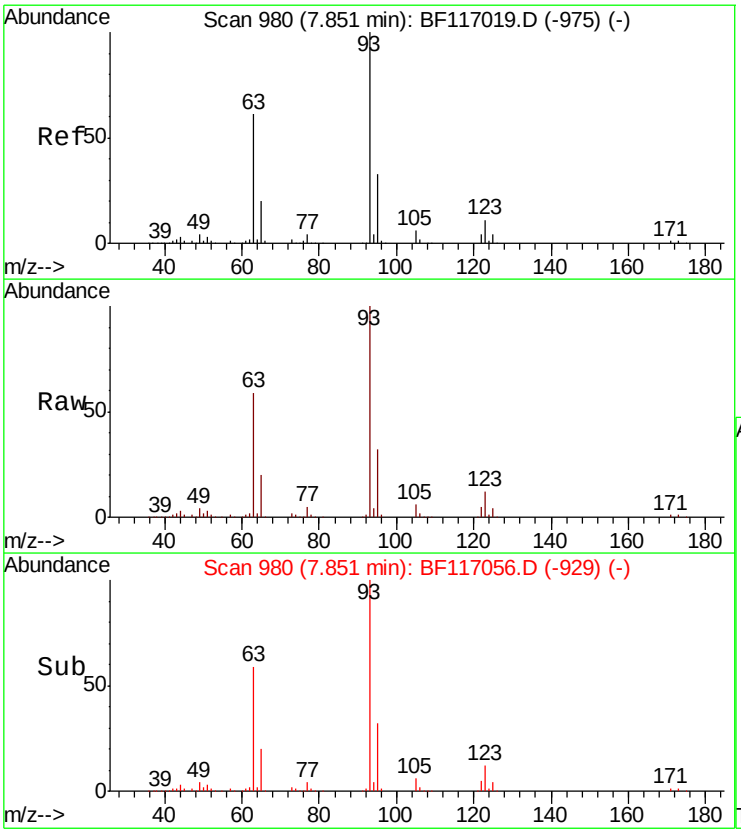
Tgt Ion:122 Resp: 172349

Ion	Ratio	Lower	Upper
122	100		
107	122.6	98.9	148.3
121	55.5	45.3	67.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

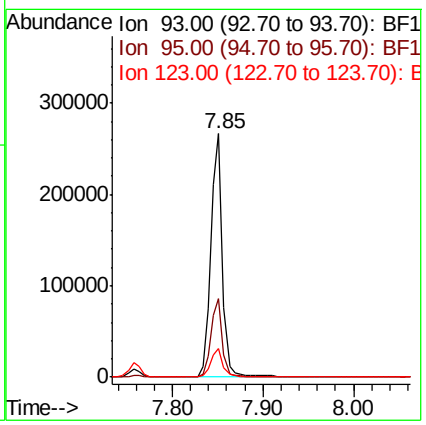
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

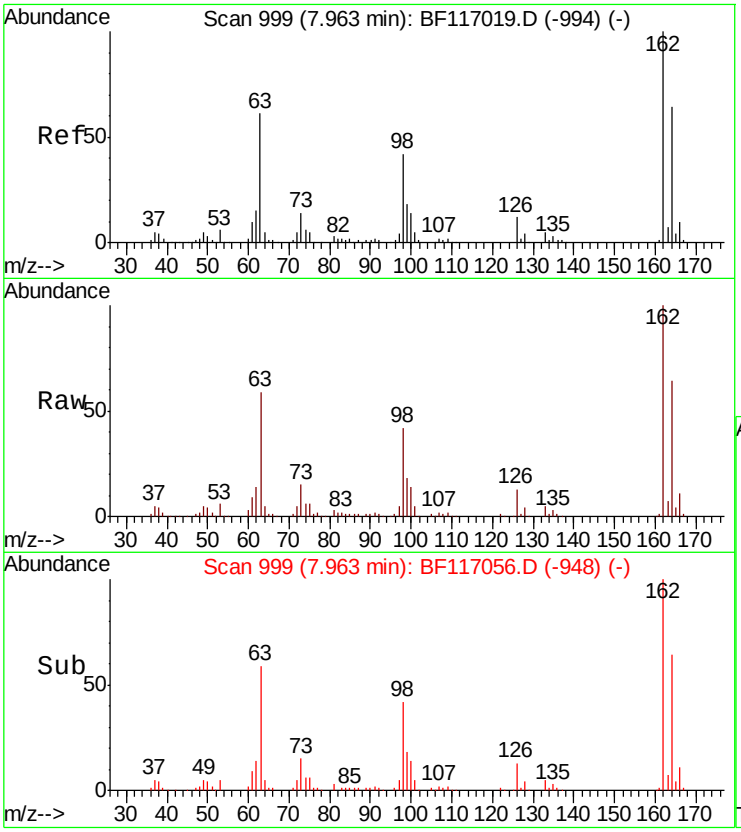


#28
bis(2-Chloroethoxy)methane
Concen: 49.936 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 93 Resp: 239800

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.5	9.0	13.6

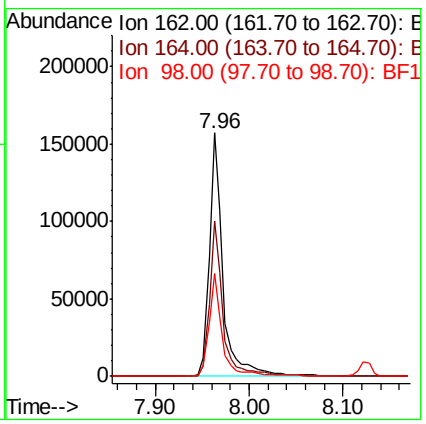




#29
2,4-Dichlorophenol
Concen: 52.318 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

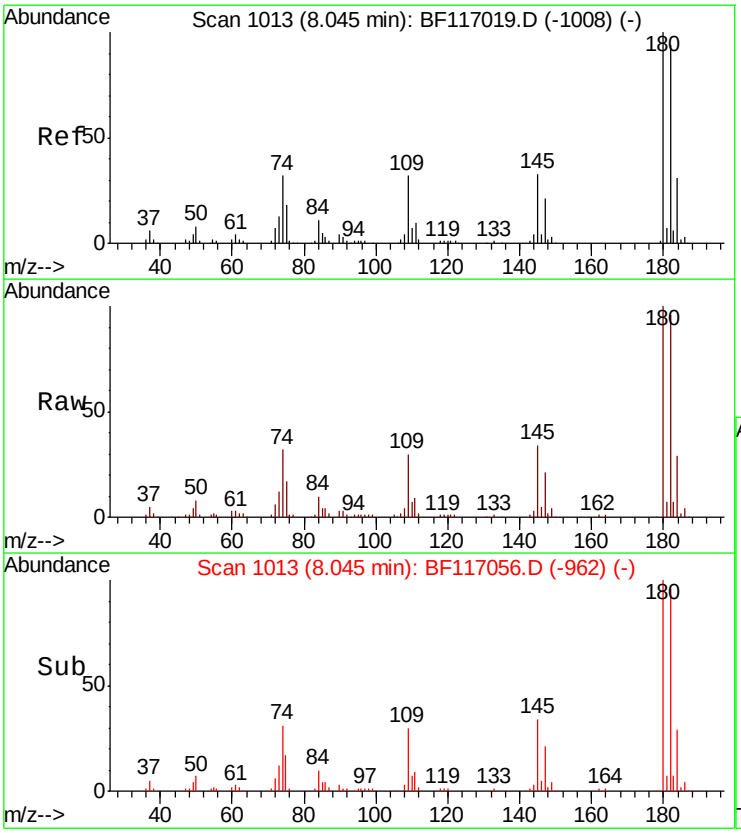
Tgt Ion:162 Resp: 162330

Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.8	83.8
98	42.5	22.1	62.1



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

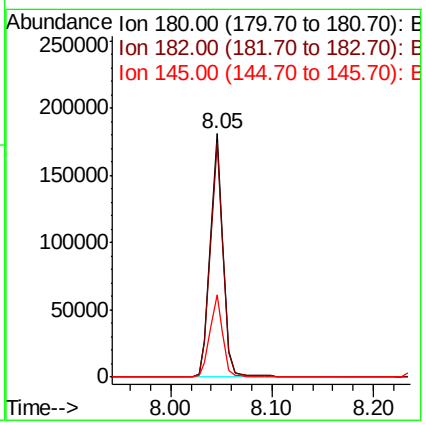
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

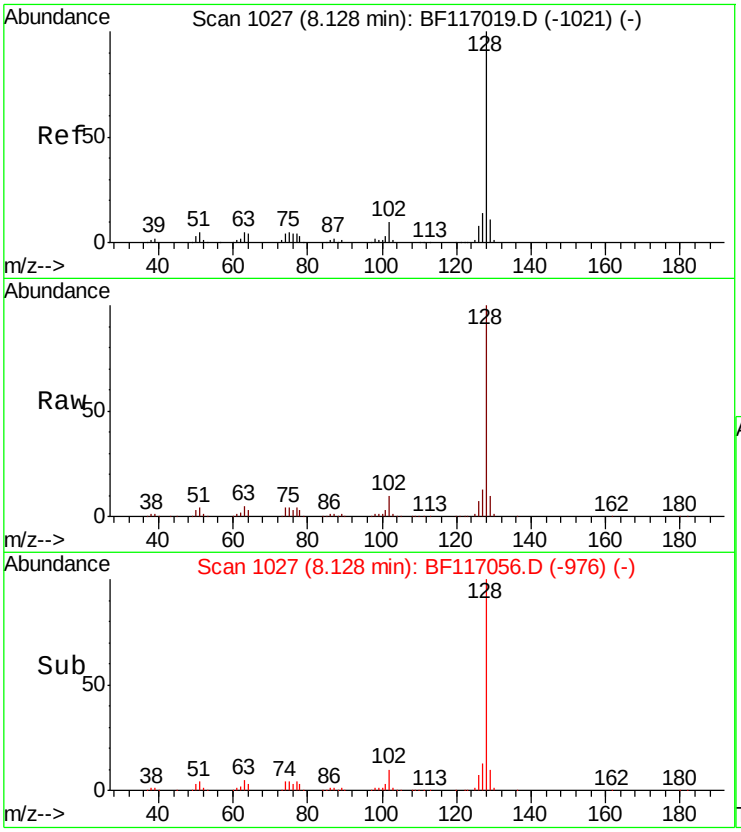


#30
1,2,4-Trichlorobenzene
Concen: 47.856 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:180 Resp: 160419

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.4	113.0
145	33.6	26.7	40.1

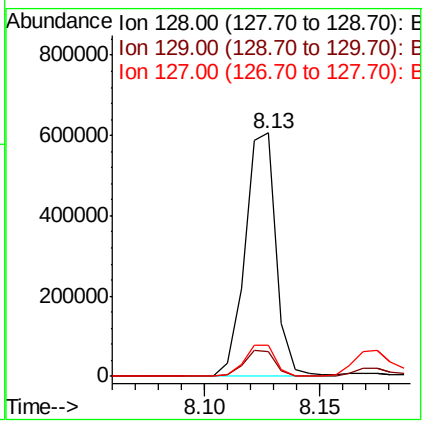




#31
Naphthalene
Concen: 51.142 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

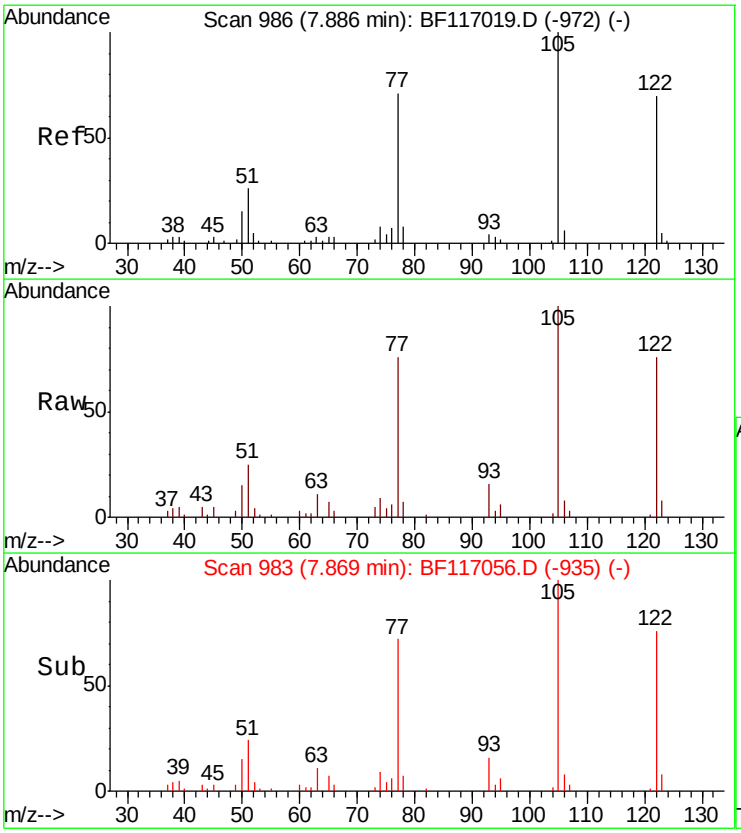
Tgt Ion:128 Resp: 568901

Ion	Ratio	Lower	Upper
128	100		
129	10.4	9.0	13.4
127	12.9	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

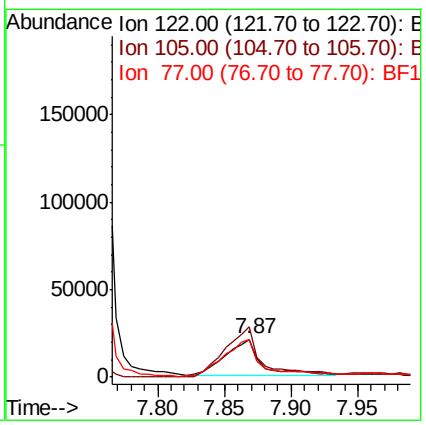
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

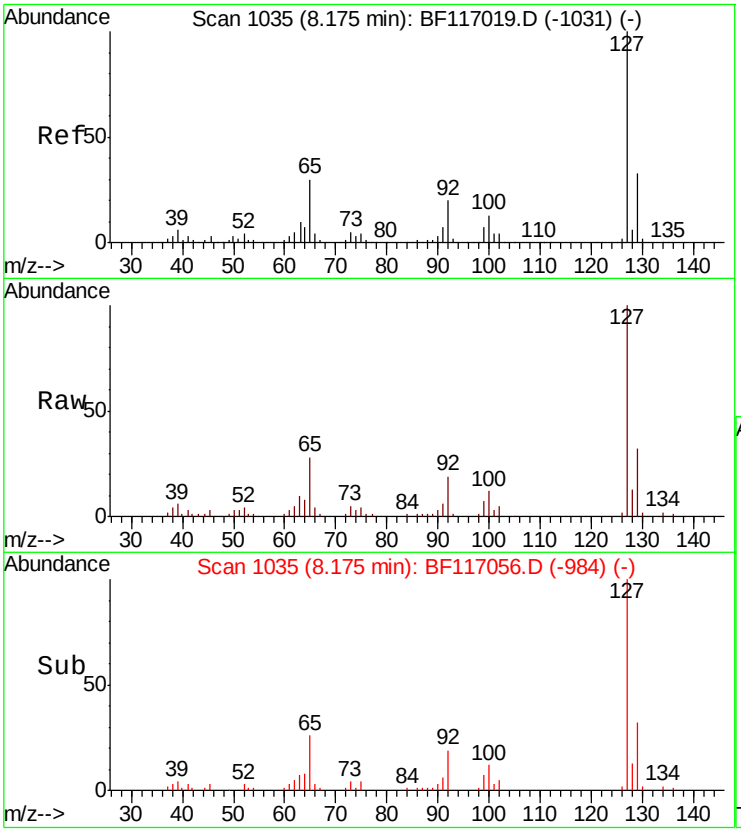


#32
Benzoic acid
Concen: 21.641 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:122 Resp: 39001

Ion	Ratio	Lower	Upper
122	100		
105	131.3	114.8	154.8
77	99.9	78.7	118.7

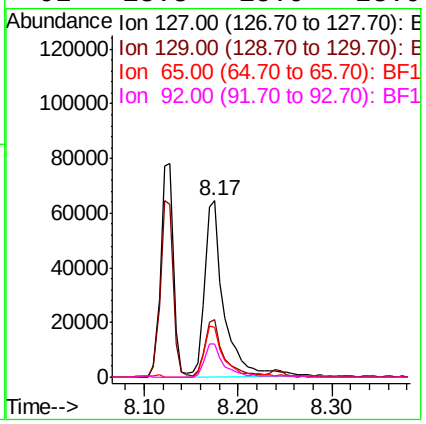




#33
4-Chloroaniline
Concen: 18.958 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

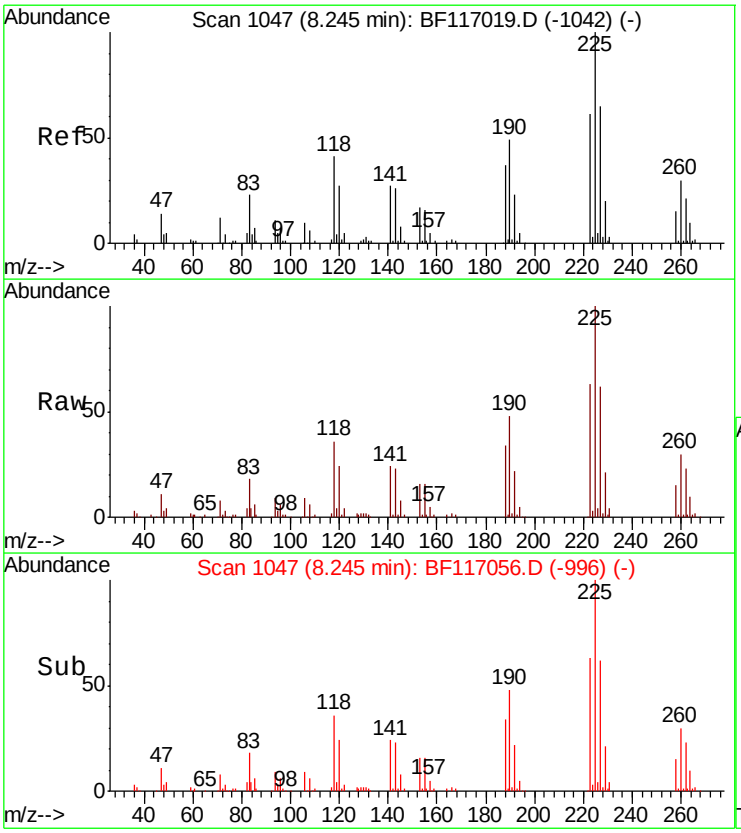
Tgt Ion:127 Resp: 93537

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	28.1	23.5	35.3
92	18.8	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

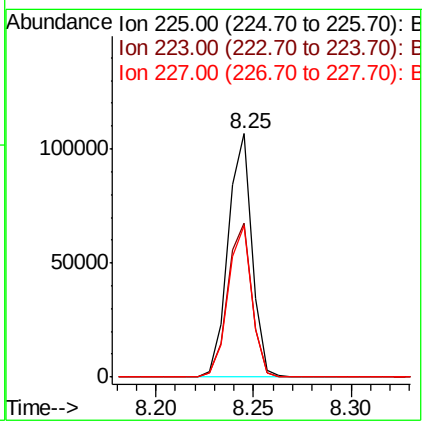
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

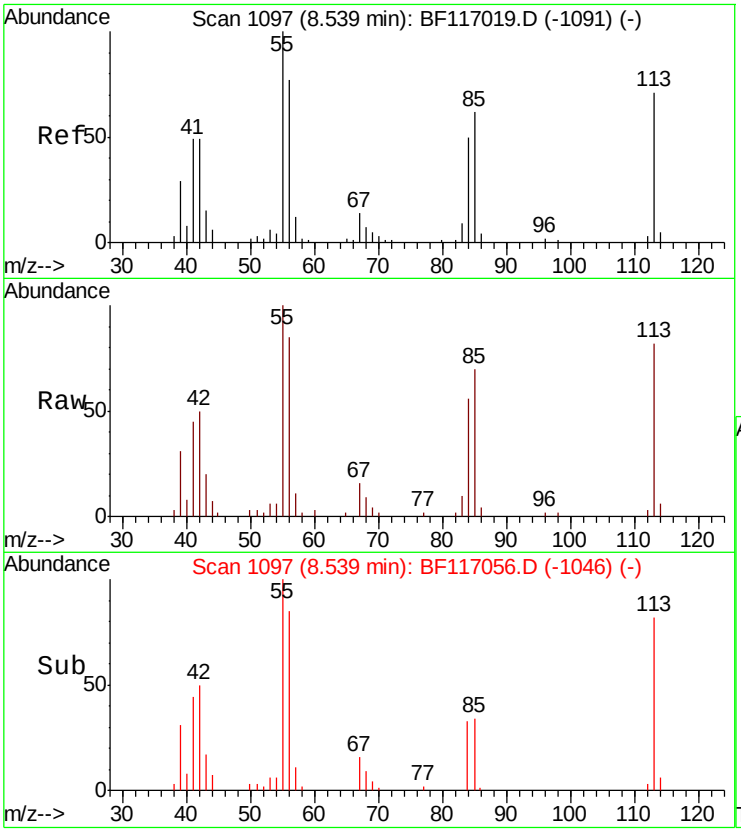


#34
Hexachlorobutadiene
Concen: 47.510 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:225 Resp: 90355

Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.1	73.7
227	62.3	52.2	78.2

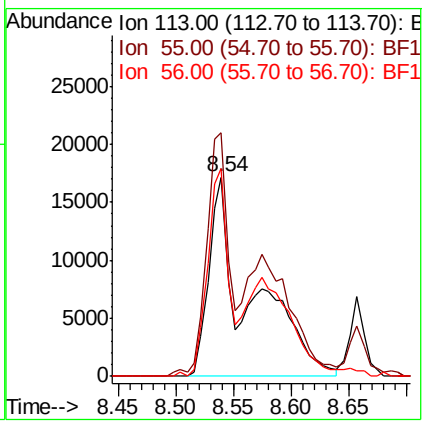




#35
Caprolactam
Concen: 39.889 ng m
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

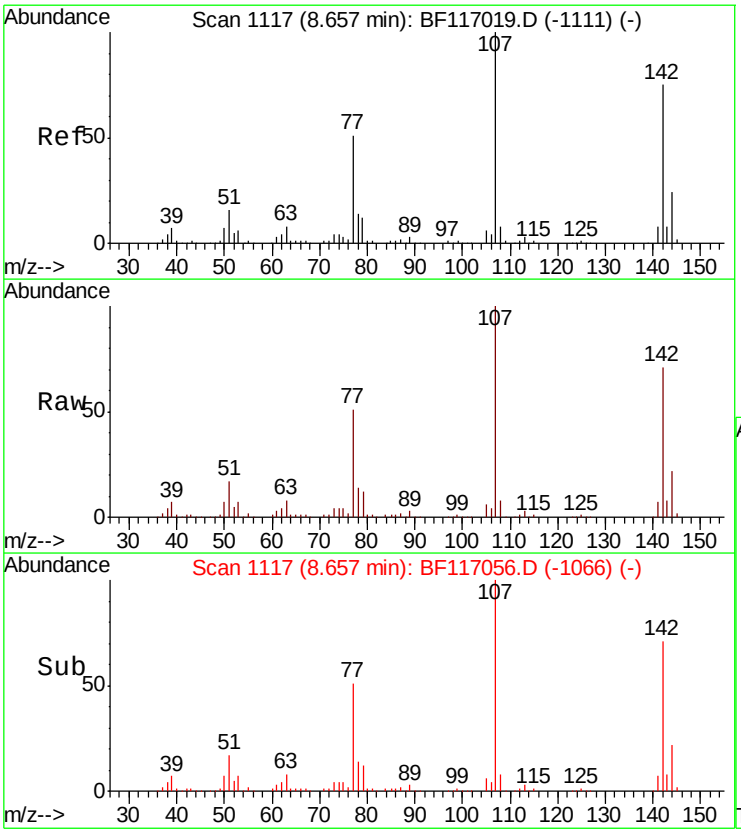
Tgt Ion:113 Resp: 41892

Ion	Ratio	Lower	Upper
113	100		
55	122.4	120.6	160.6
56	104.2	88.8	128.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

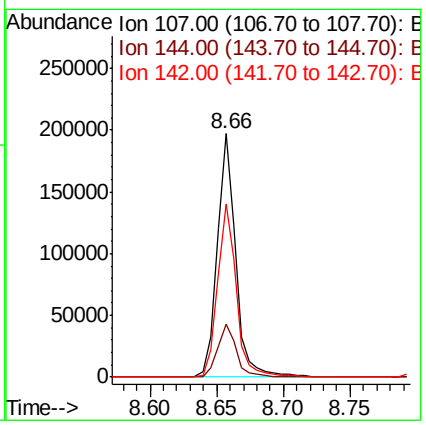
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

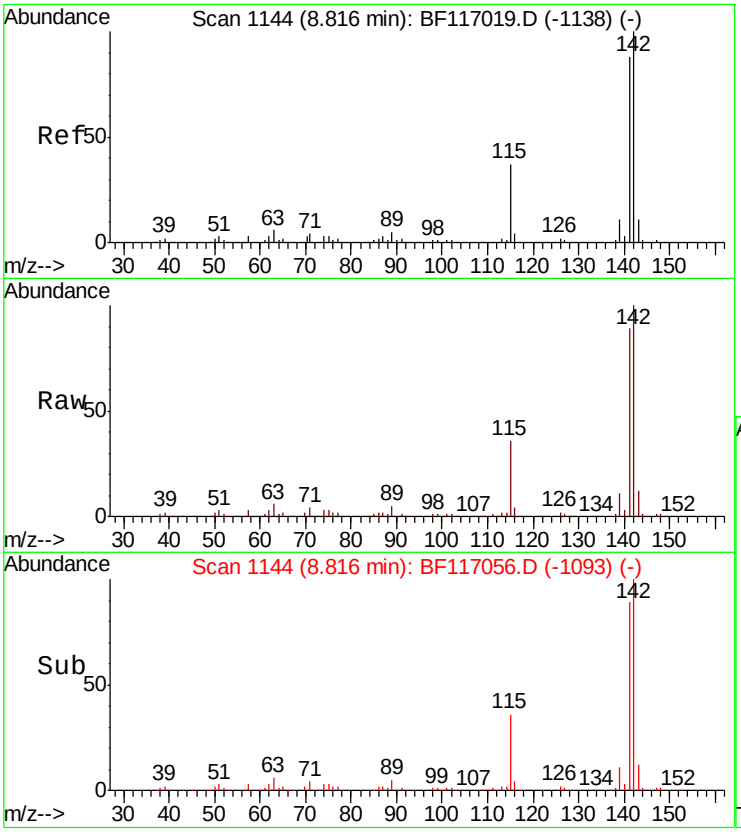


#36
4-Chloro-3-methylphenol
Concen: 53.522 ng
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:107 Resp: 193635

Ion	Ratio	Lower	Upper
107	100		
144	21.9	19.2	28.8
142	71.2	59.6	89.4

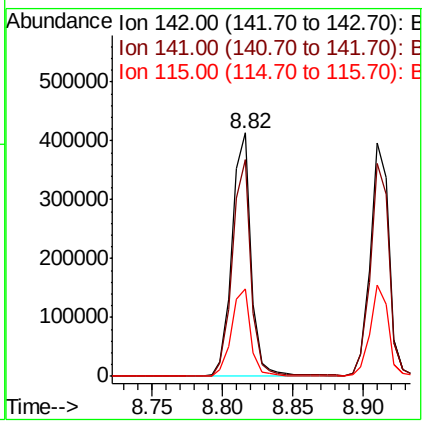




#37
2-Methylnaphthalene
Concen: 51.869 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

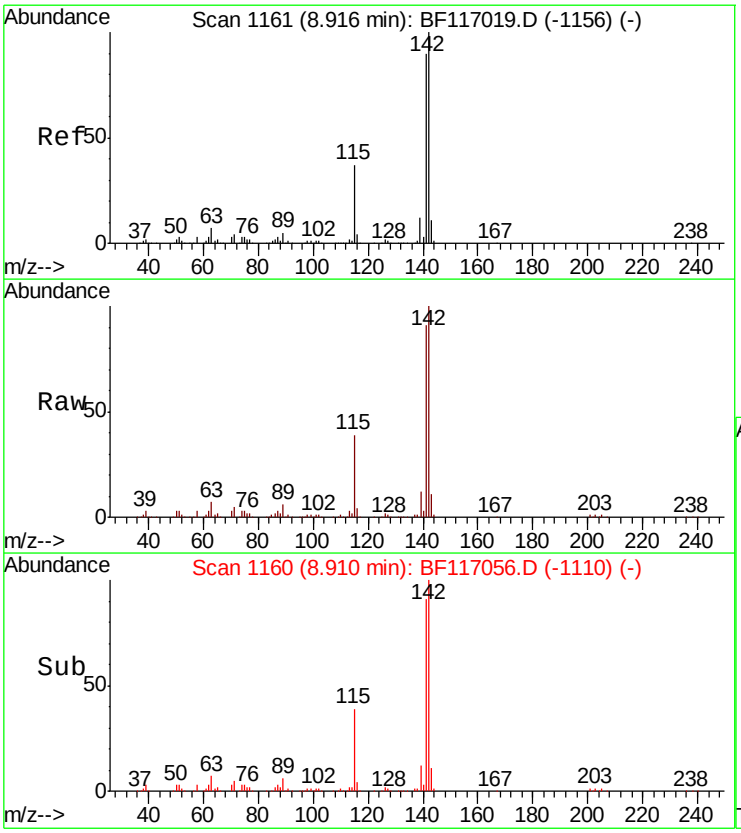
Tgt Ion:142 Resp: 388541

Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.7	106.1
115	35.8	29.4	44.0



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

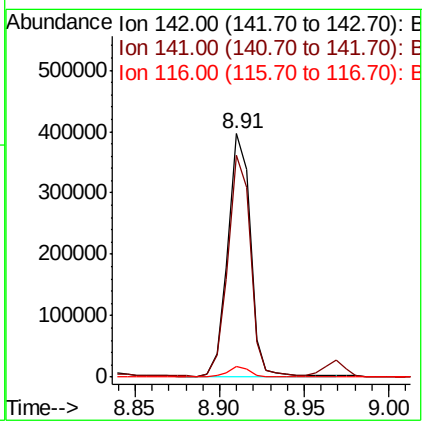
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

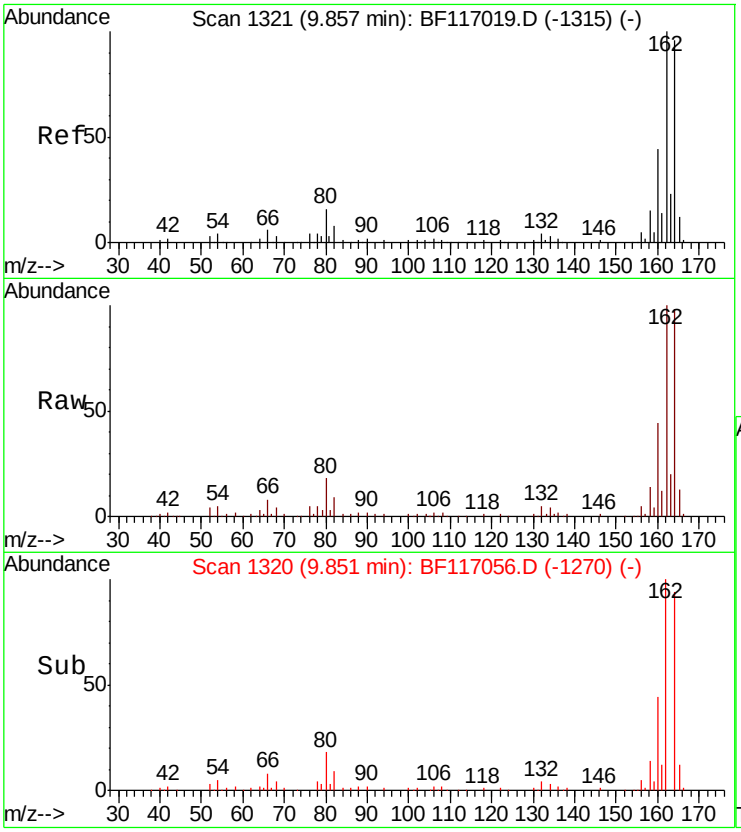


#38
1-Methylnaphthalene
Concen: 51.943 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:142 Resp: 364415

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.9	107.9
116	4.2	3.2	4.8

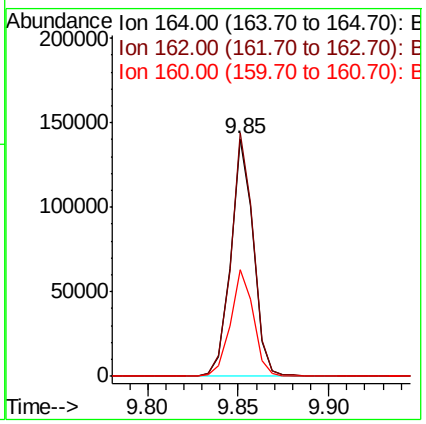




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

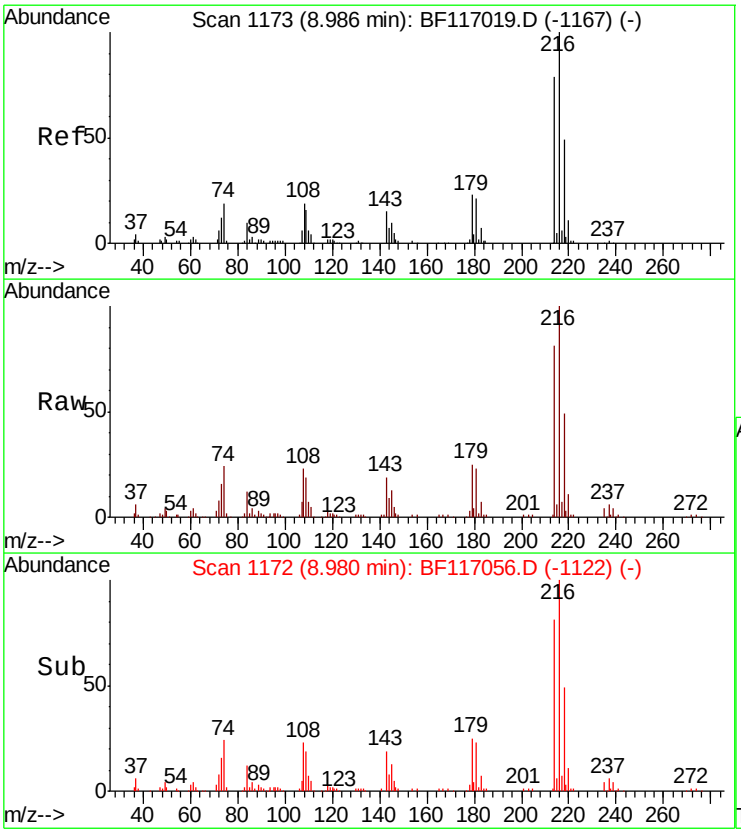
Tgt Ion:164 Resp: 121668

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.4	125.2
160	45.0	36.4	54.6



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

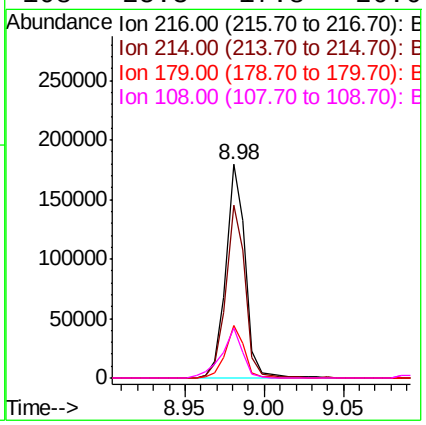
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

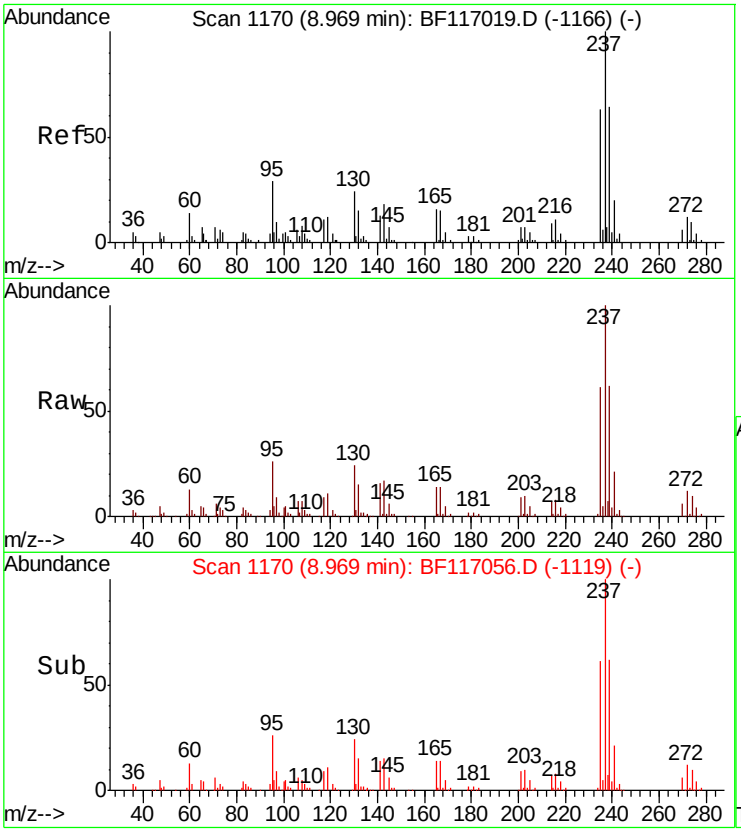


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.606 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:216 Resp: 152710

Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.6	95.4
179	23.8	18.3	27.5
108	25.3	17.8	26.6

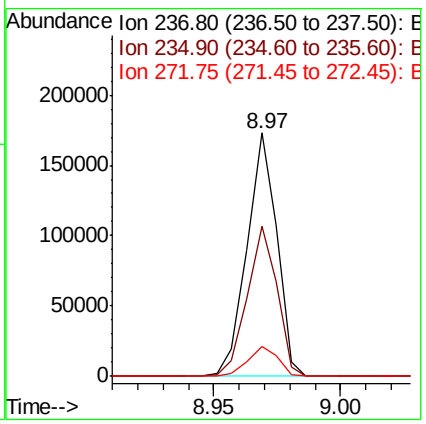




#41
Hexachlorocyclopentadiene
Concen: 100.161 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

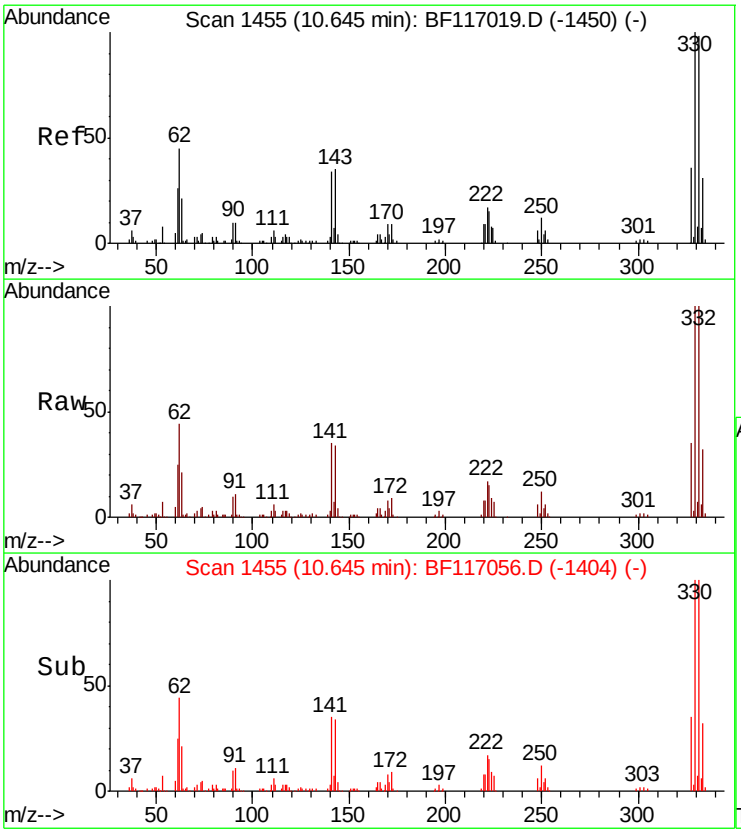
Tgt Ion:237 Resp: 142143

Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.2	83.2
272	12.1	0.0	31.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

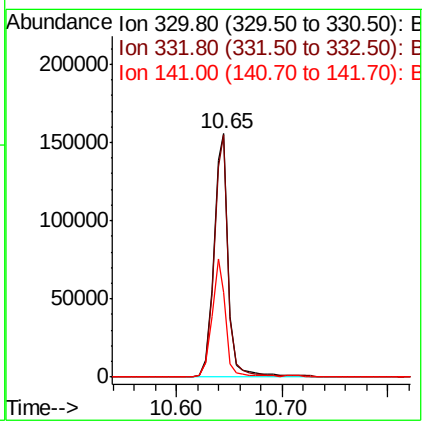
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

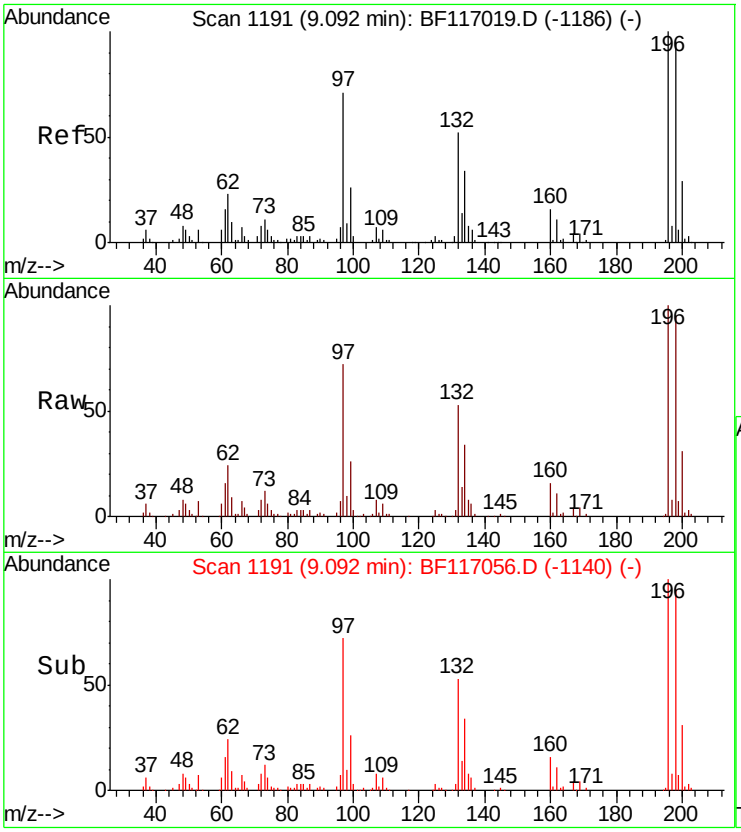


#42
2,4,6-Tribromophenol
Concen: 149.787 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:330 Resp: 152313

Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.0	117.0
141	45.8	35.8	53.6

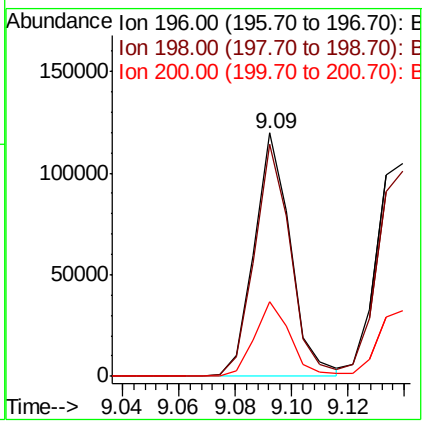




#43
2,4,6-Trichlorophenol
Concen: 50.014 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

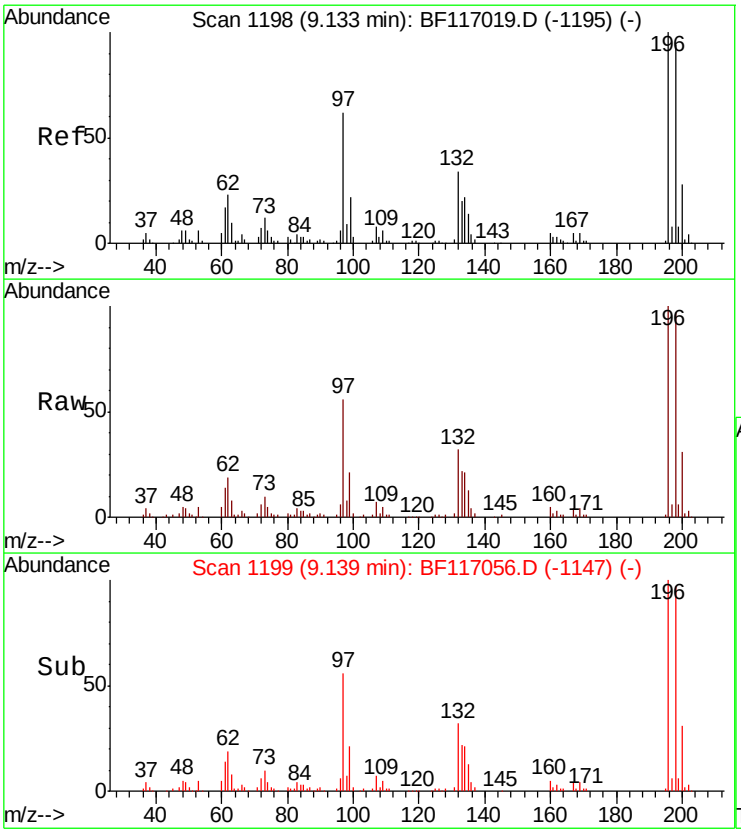
Tgt Ion:196 Resp: 106636

Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.7	113.5
200	30.8	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

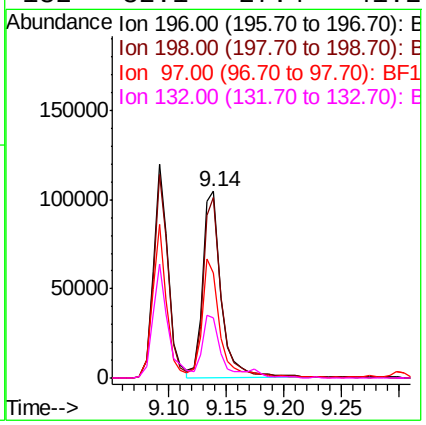
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

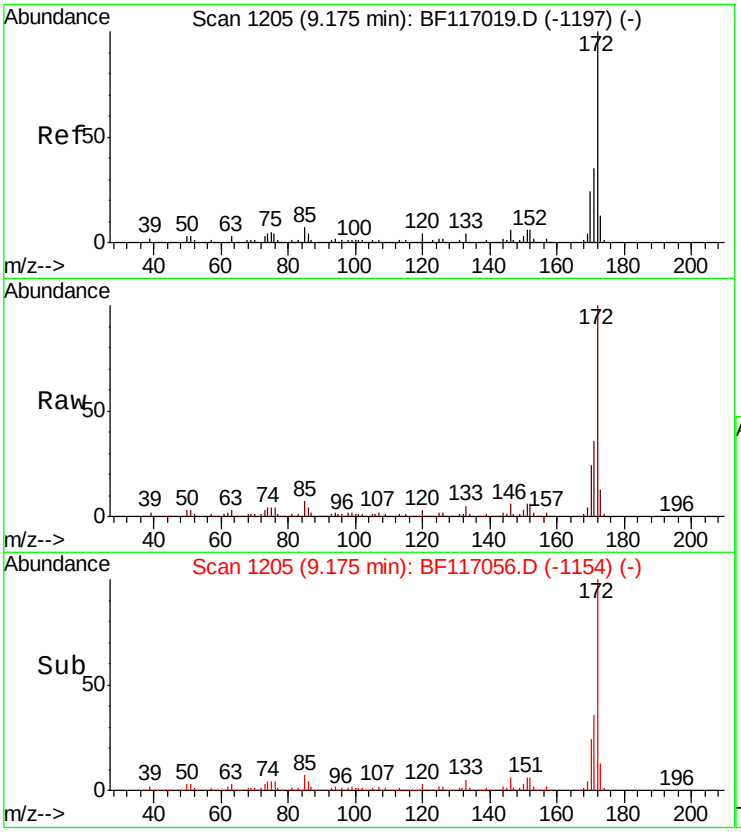


#44
2,4,5-Trichlorophenol
Concen: 51.576 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:196 Resp: 117489

Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.6	112.0
97	56.1	49.5	74.3
132	32.1	27.4	41.2

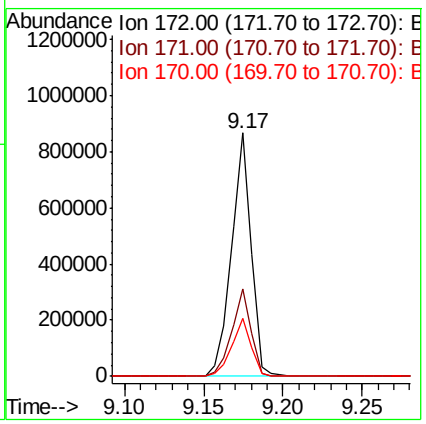




#45
2-Fluorobiphenyl
Concen: 96.058 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

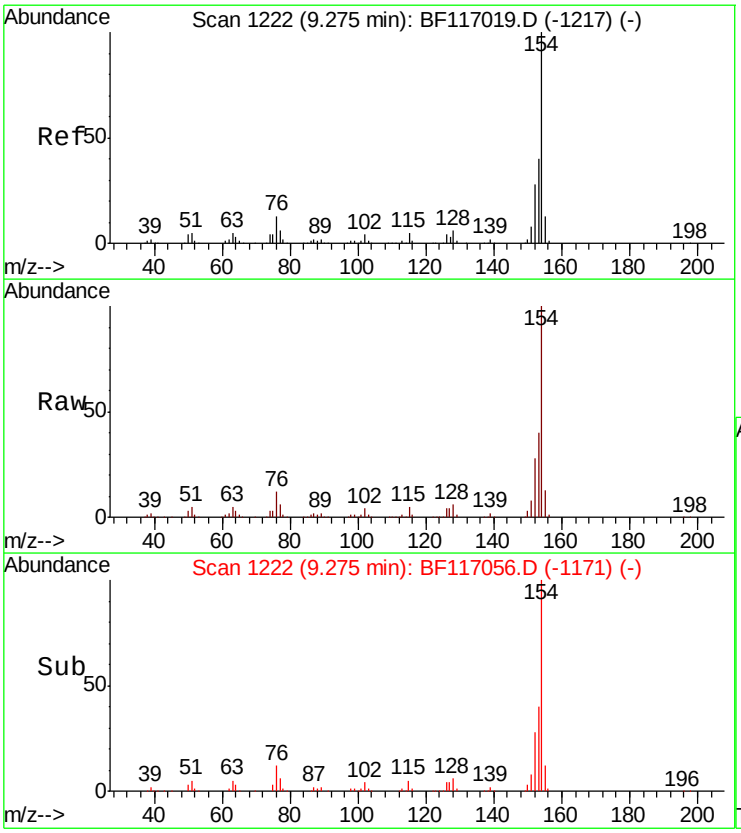
Tgt Ion:172 Resp: 747465

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.7	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

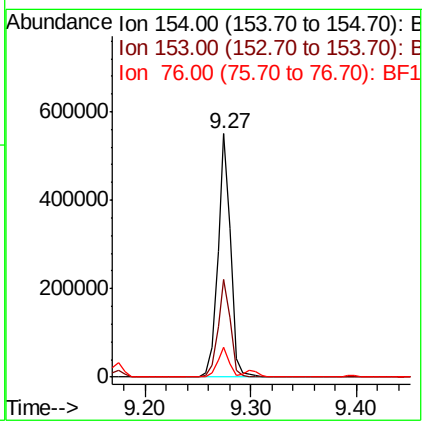
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

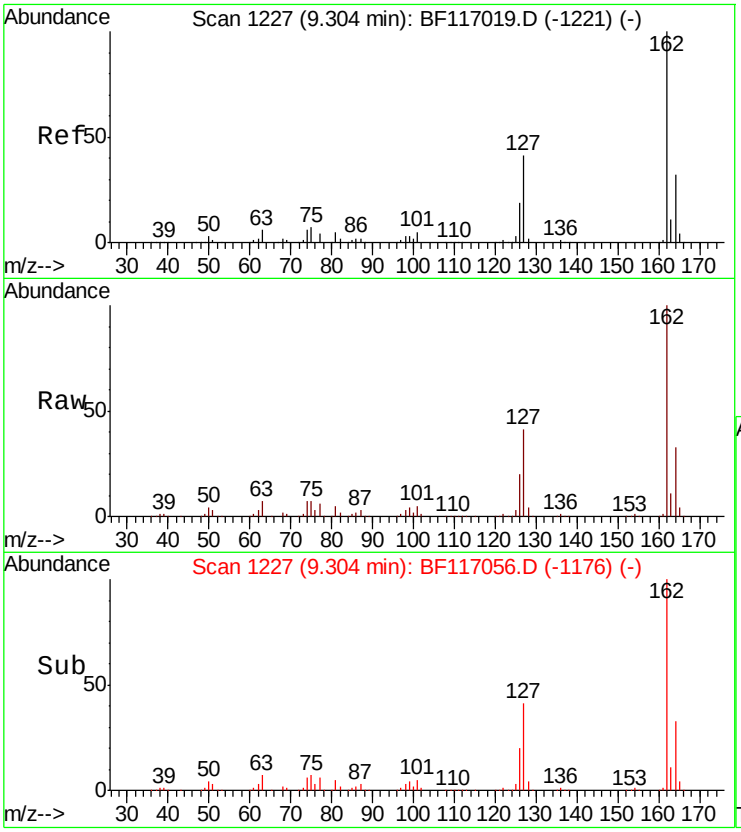


#46
1,1'-Biphenyl
Concen: 48.906 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:154 Resp: 466739

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.0	60.0
76	12.1	0.0	32.7

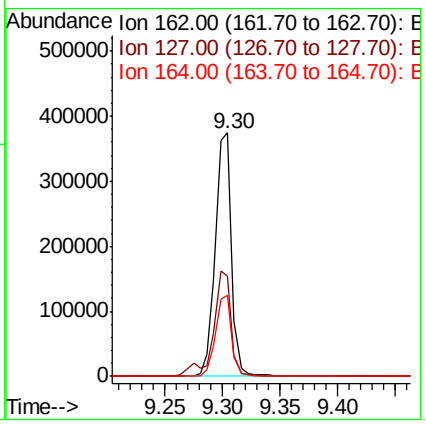




#47
2-Chloronaphthalene
Concen: 48.640 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

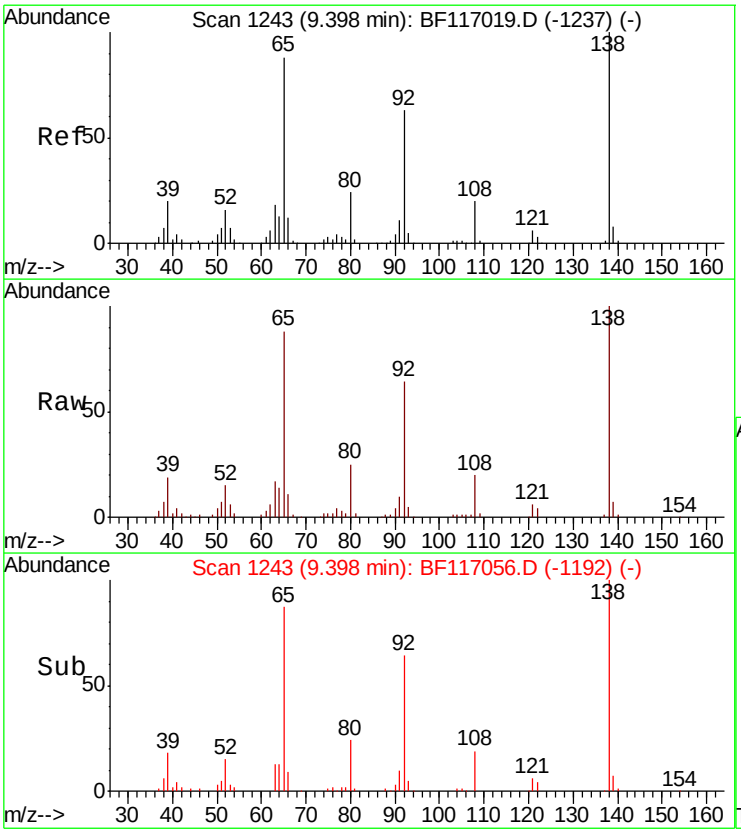
Tgt Ion:162 Resp: 366358

Ion	Ratio	Lower	Upper
162	100		
127	41.1	34.1	51.1
164	33.4	25.9	38.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

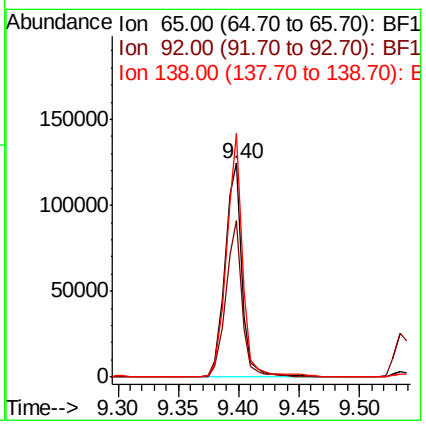
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

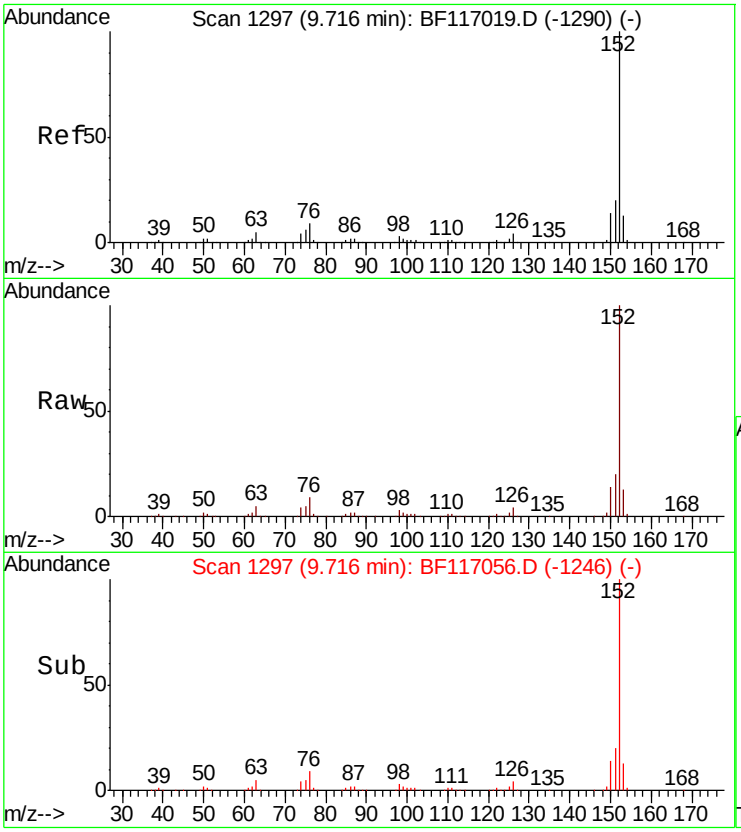


#48
2-Nitroaniline
Concen: 50.413 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion: 65 Resp: 121792

Ion	Ratio	Lower	Upper
65	100		
92	73.4	57.5	86.3
138	113.8	90.6	136.0

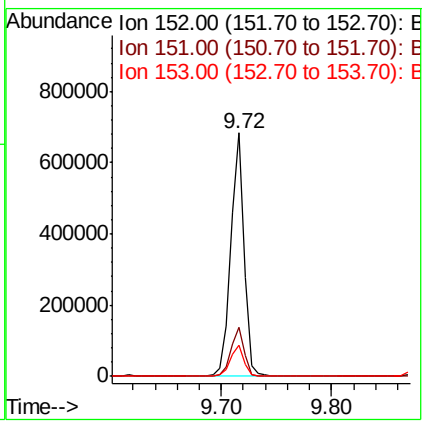




#49
Acenaphthylene
Concen: 51.392 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

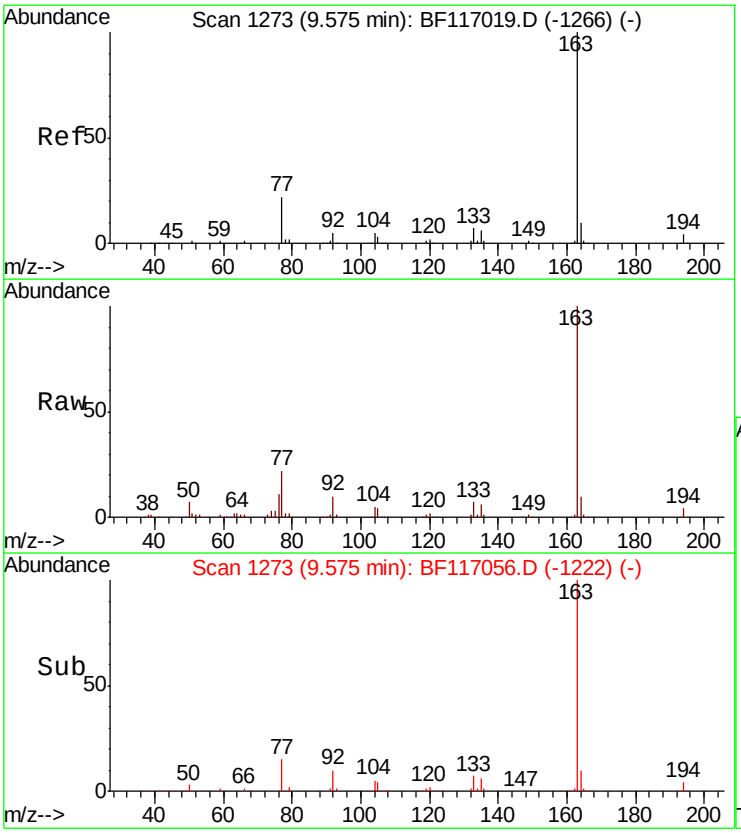
Tgt Ion:152 Resp: 579874

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	12.8	10.2	15.4



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

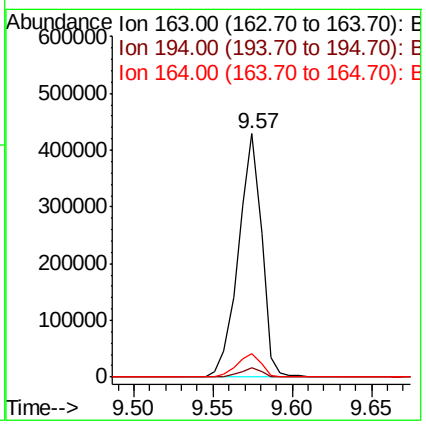
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

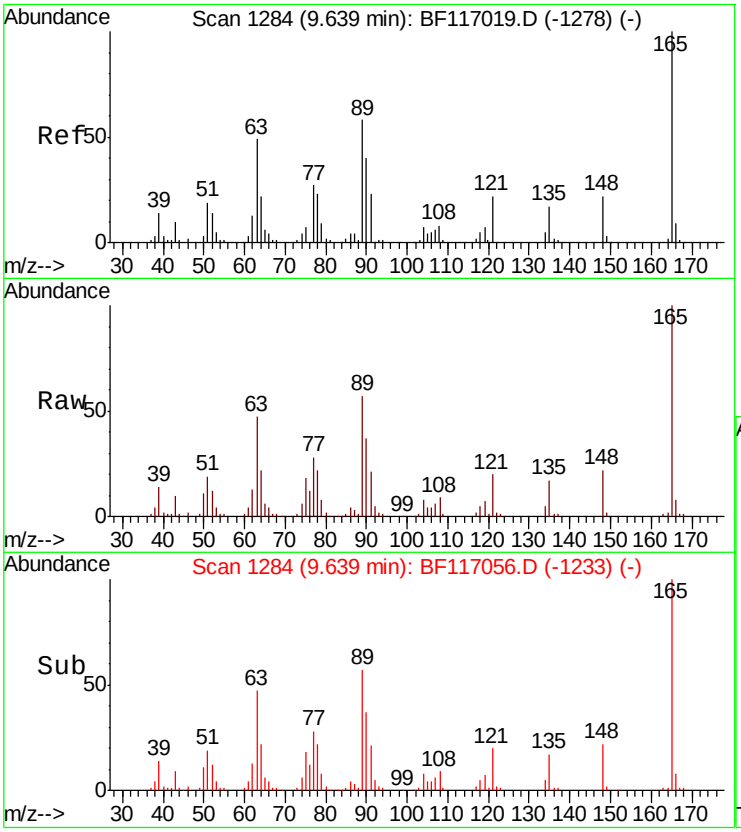


#50
Dimethylphthalate
Concen: 50.452 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:163 Resp: 434627

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.9	8.2	12.4

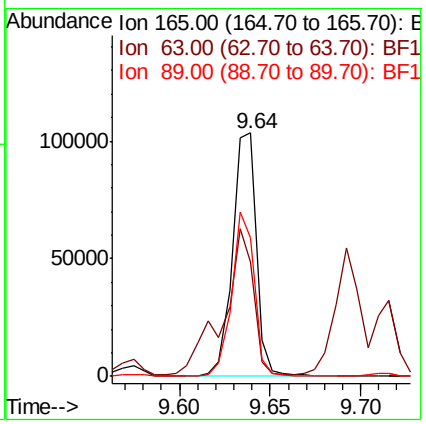




#51
2,6-Dinitrotoluene
Concen: 54.444 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

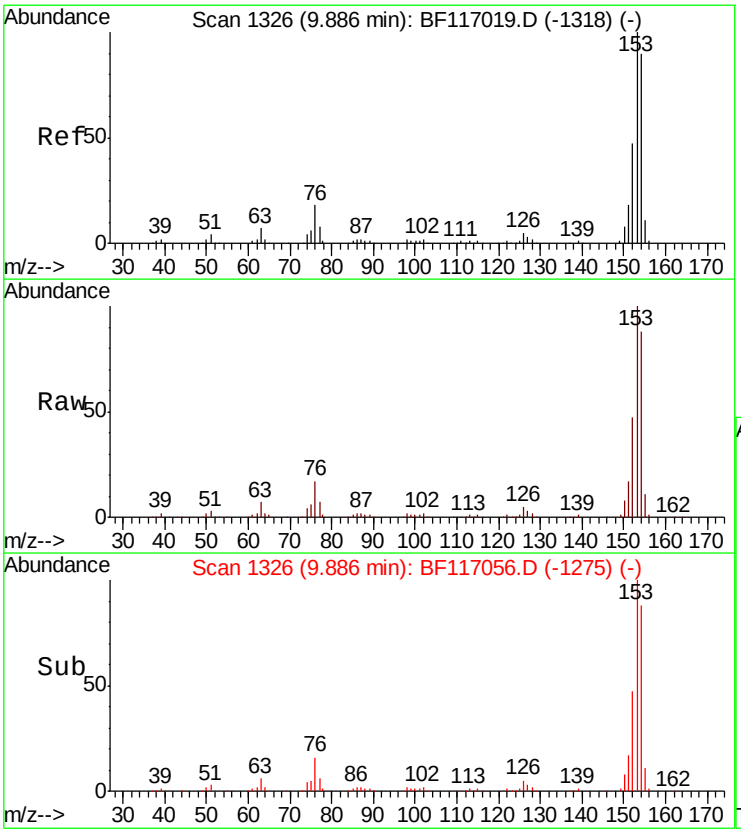
Tgt Ion:165 Resp: 95524

Ion	Ratio	Lower	Upper
165	100		
63	46.9	41.8	62.8
89	57.2	46.5	69.7



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

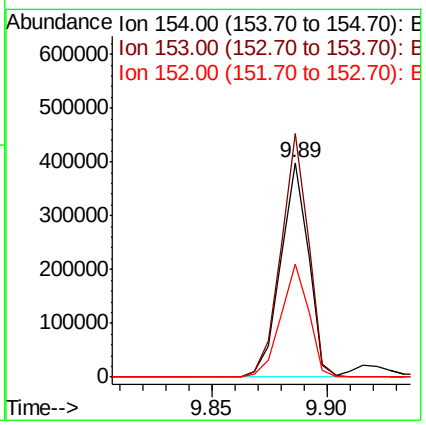
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

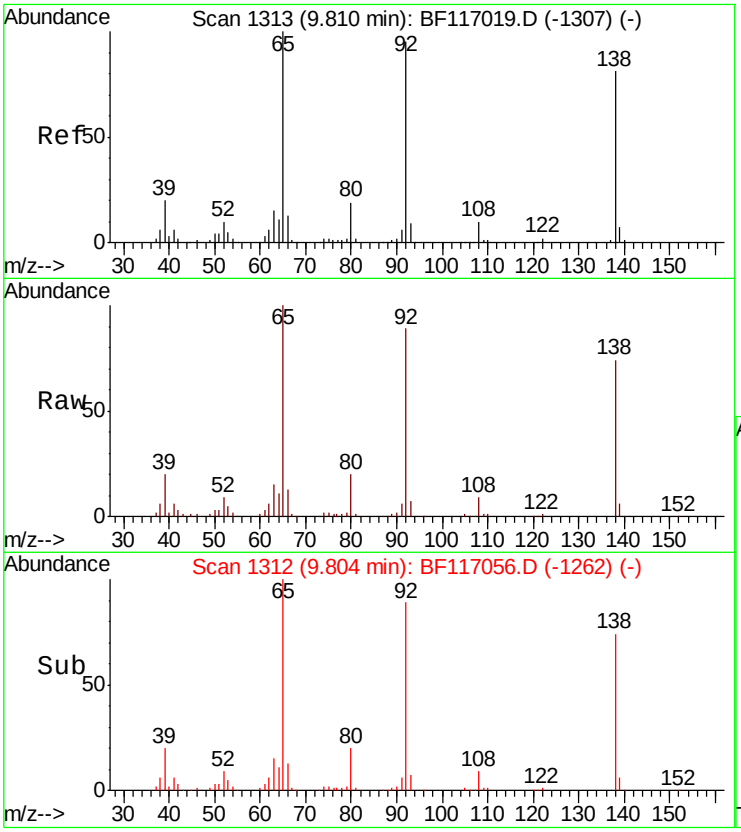


#52
Acenaphthene
Concen: 49.669 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:154 Resp: 332216

Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.0	133.6
152	53.0	41.9	62.9

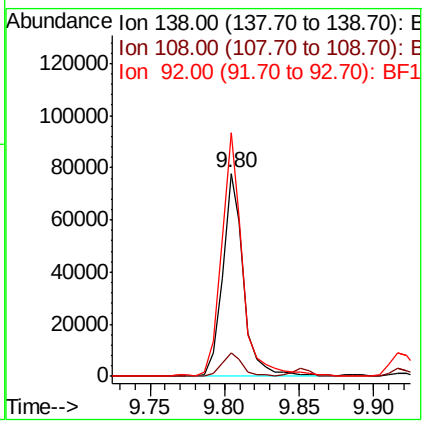




#53
3-Nitroaniline
Concen: 34.854 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

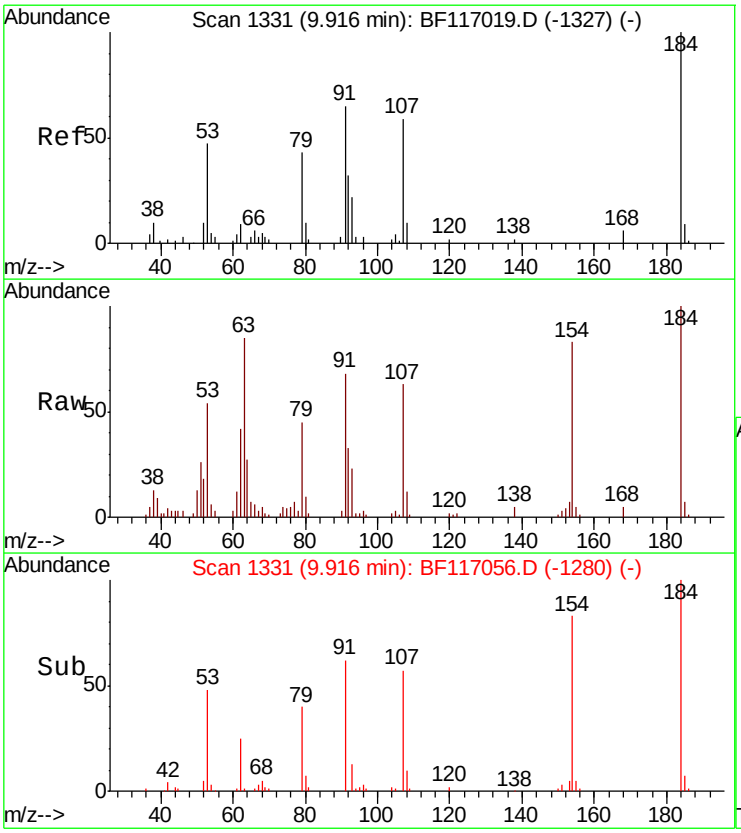
Tgt Ion:138 Resp: 77157

Ion	Ratio	Lower	Upper
138	100		
108	11.7	9.5	14.3
92	120.0	94.1	141.1



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

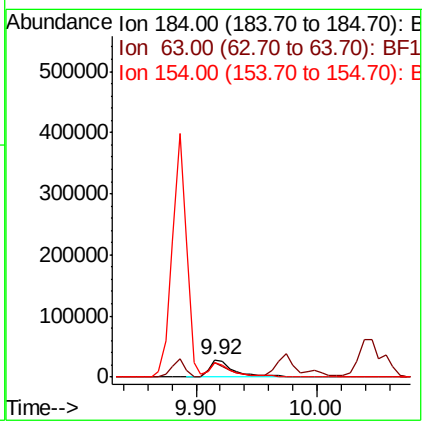
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

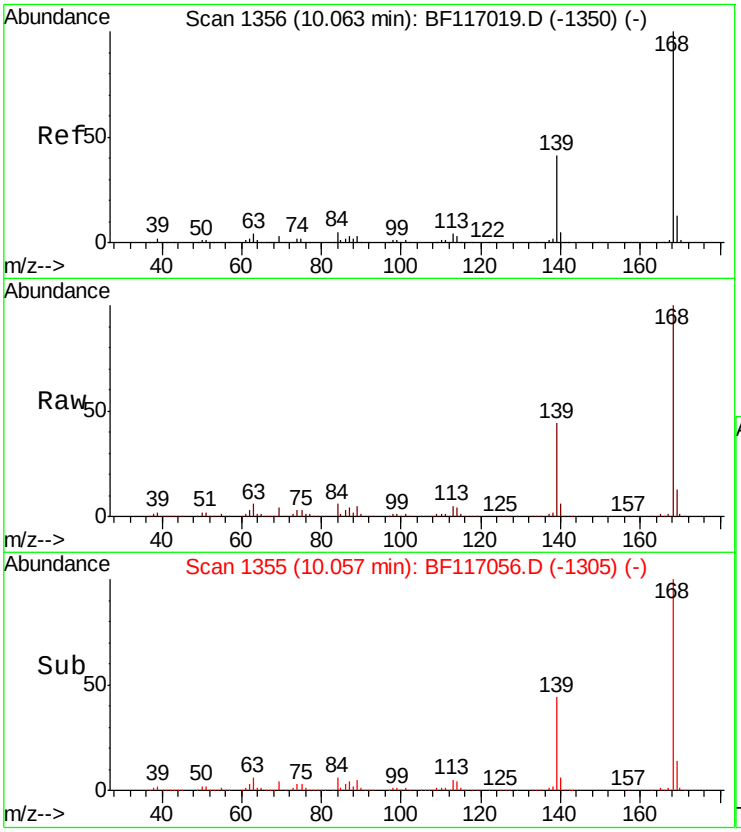


#54
2,4-Dinitrophenol
Concen: 54.512 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:184 Resp: 38799

Ion	Ratio	Lower	Upper
184	100		
63	85.0	63.8	95.6
154	83.0	60.4	90.6

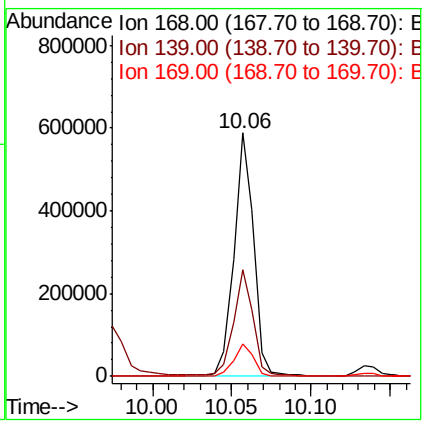




#55
Dibenzofuran
Concen: 51.128 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

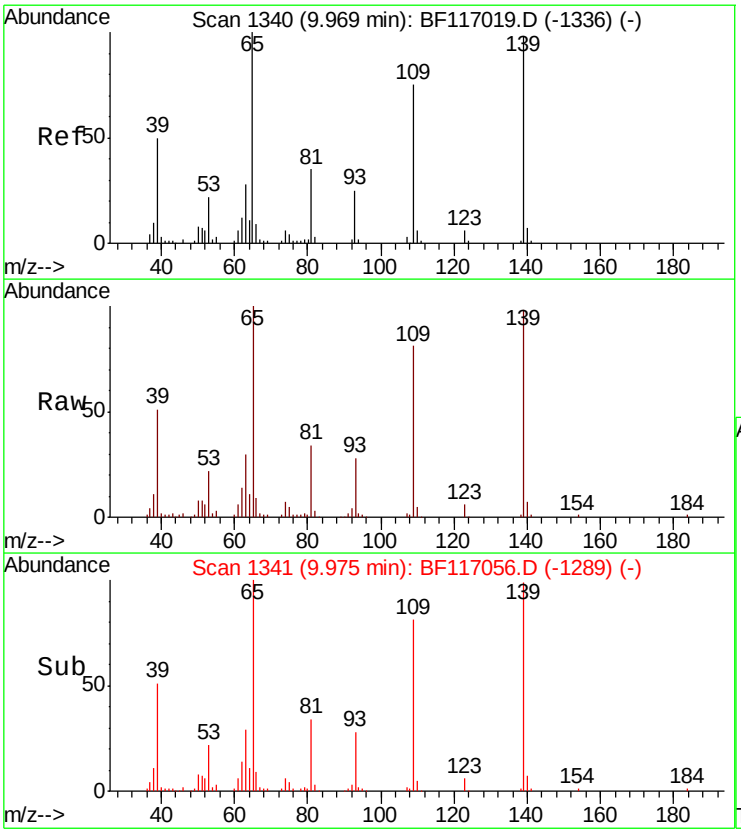
Tgt Ion:168 Resp: 504555

Ion	Ratio	Lower	Upper
168	100		
139	43.8	32.8	49.2
169	13.5	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

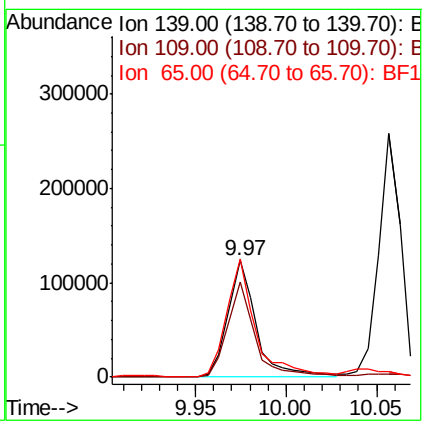
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

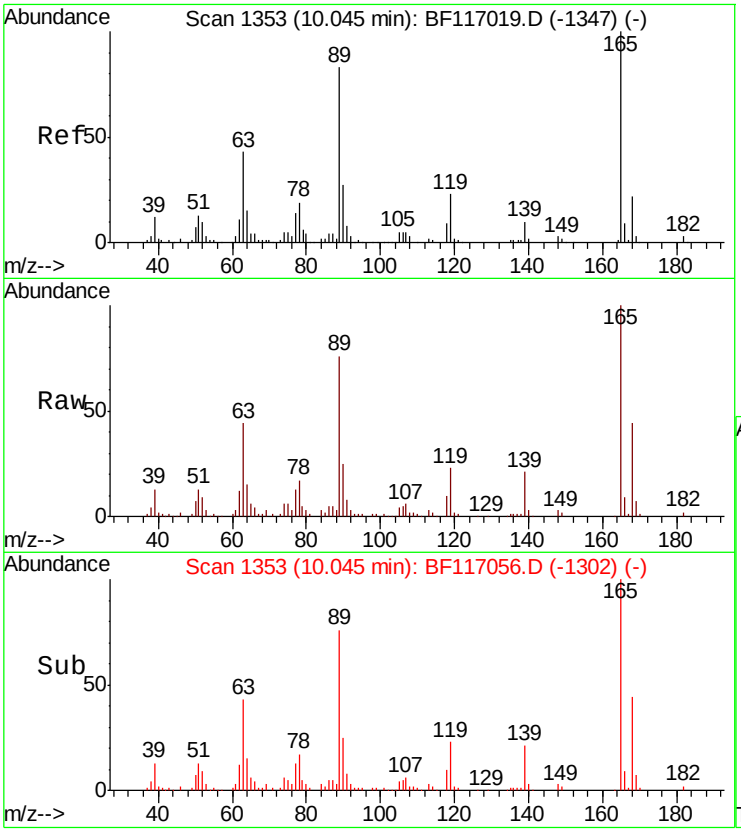


#56
4-Nitrophenol
Concen: 94.139 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:139 Resp: 135064

Ion	Ratio	Lower	Upper
139	100		
109	82.2	56.4	96.4
65	101.7	82.5	122.5

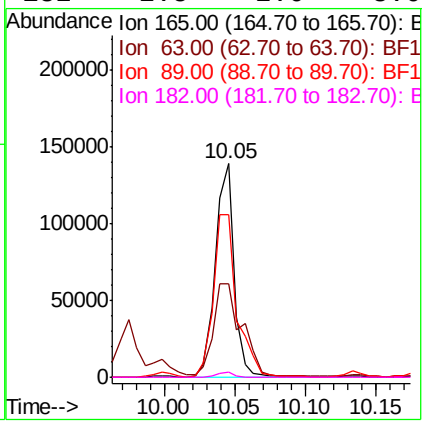




#57
2,4-Dinitrotoluene
Concen: 56.817 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

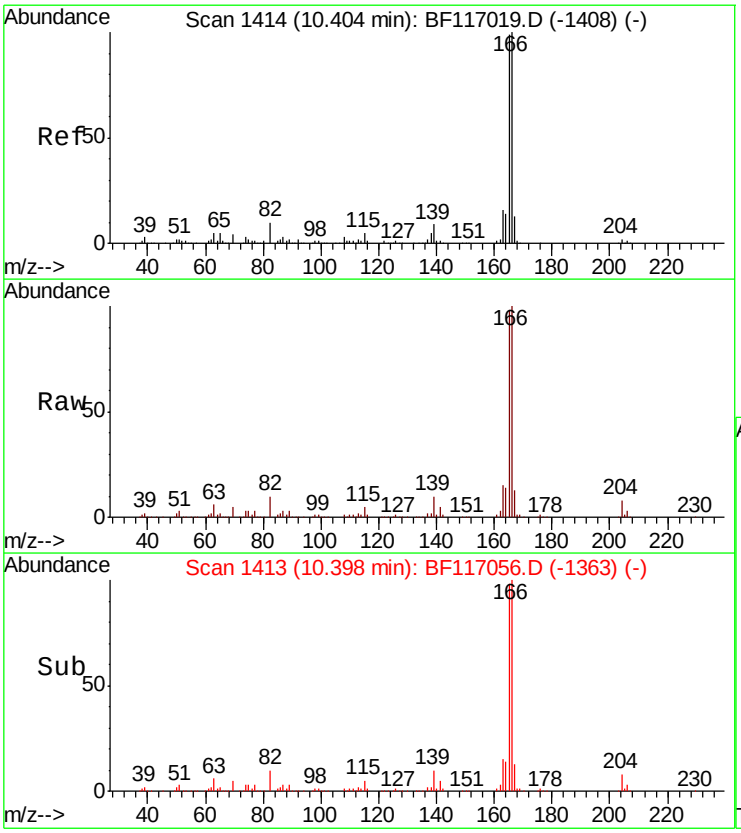
Tgt Ion:165 Resp: 129399

Ion	Ratio	Lower	Upper
165	100		
63	43.8	35.0	52.4
89	76.1	66.1	99.1
182	2.5	2.0	3.0



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

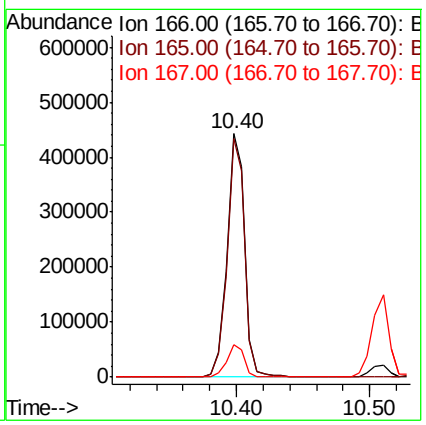
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

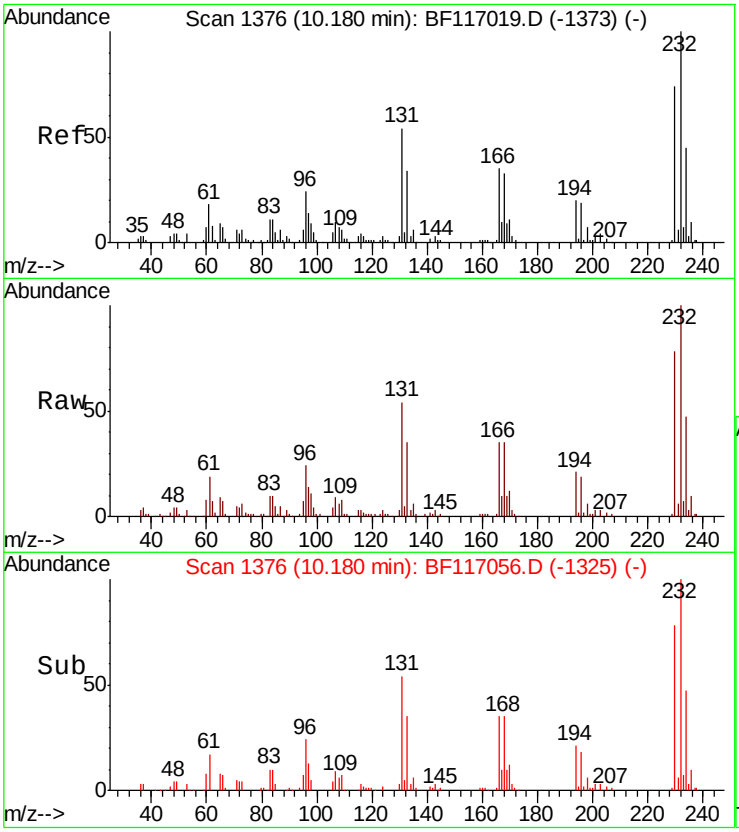


#58
Fluorene
Concen: 51.751 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:166 Resp: 411392

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.9	118.3
167	13.3	10.6	15.8

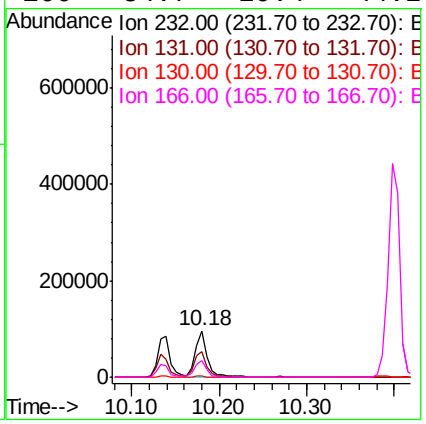




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.902 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

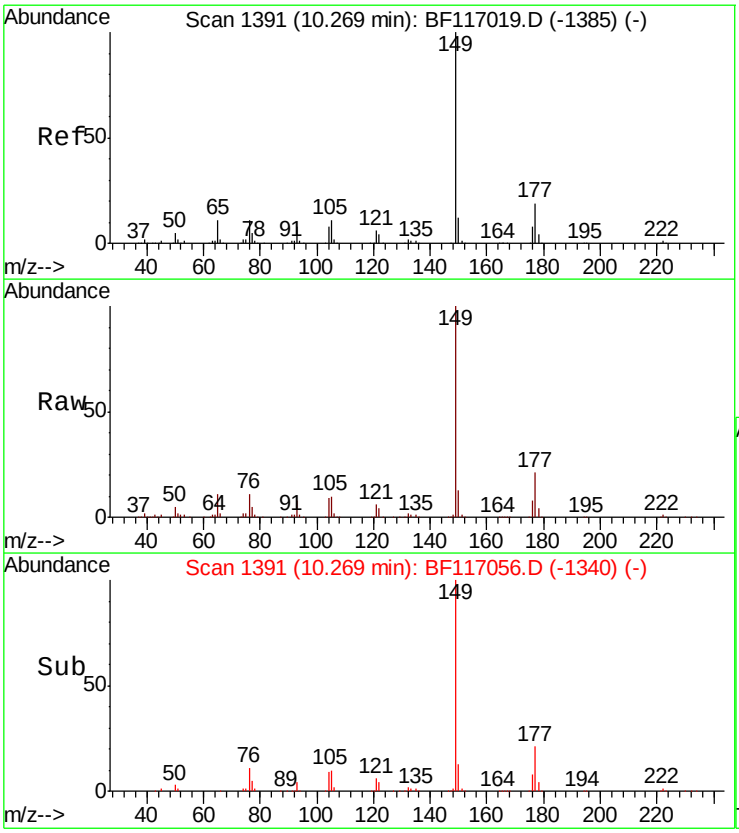
Tgt Ion:232 Resp: 93962

Ion	Ratio	Lower	Upper
232	100		
131	55.6	45.3	67.9
130	2.6	1.8	2.8
166	34.7	29.4	44.2



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

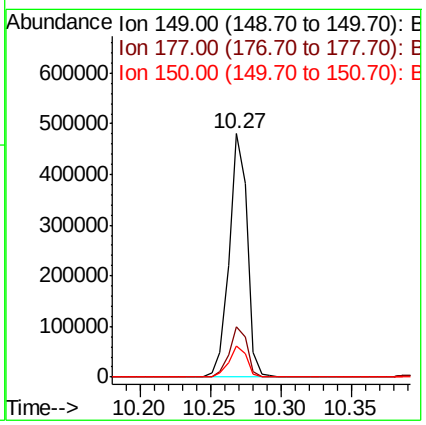
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

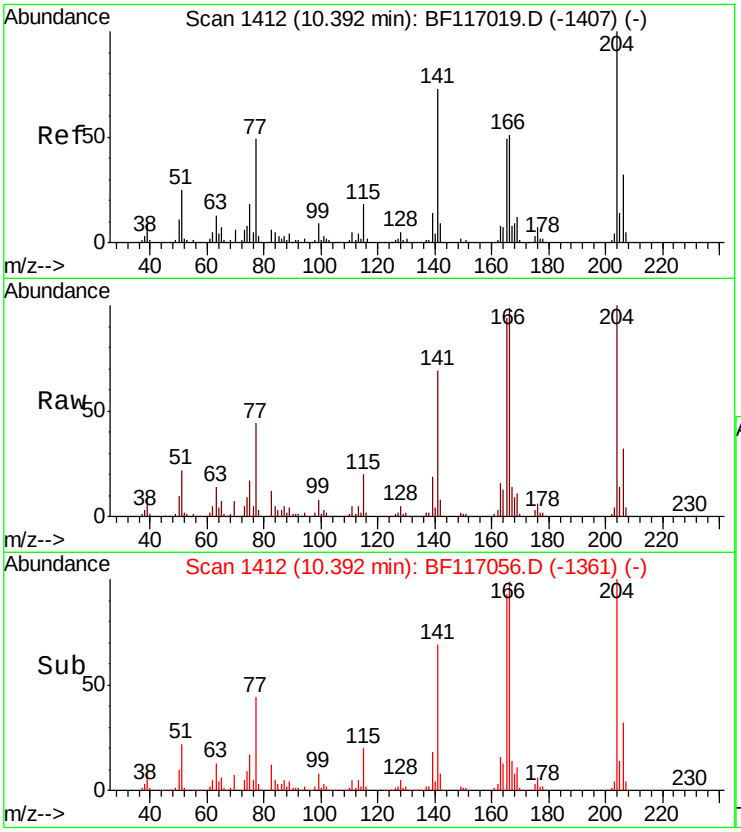


#60
Diethylphthalate
Concen: 50.193 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:149 Resp: 425400

Ion	Ratio	Lower	Upper
149	100		
177	20.9	15.2	22.8
150	12.9	9.9	14.9

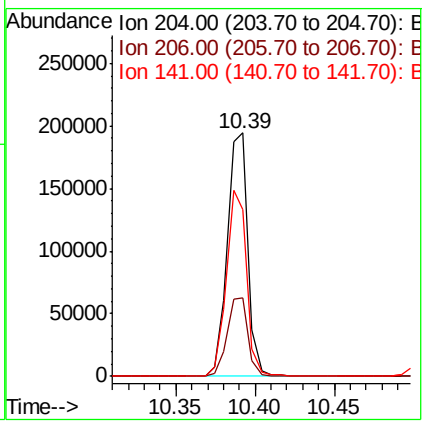




#61
4-Chlorophenyl-phenylether
Concen: 51.094 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

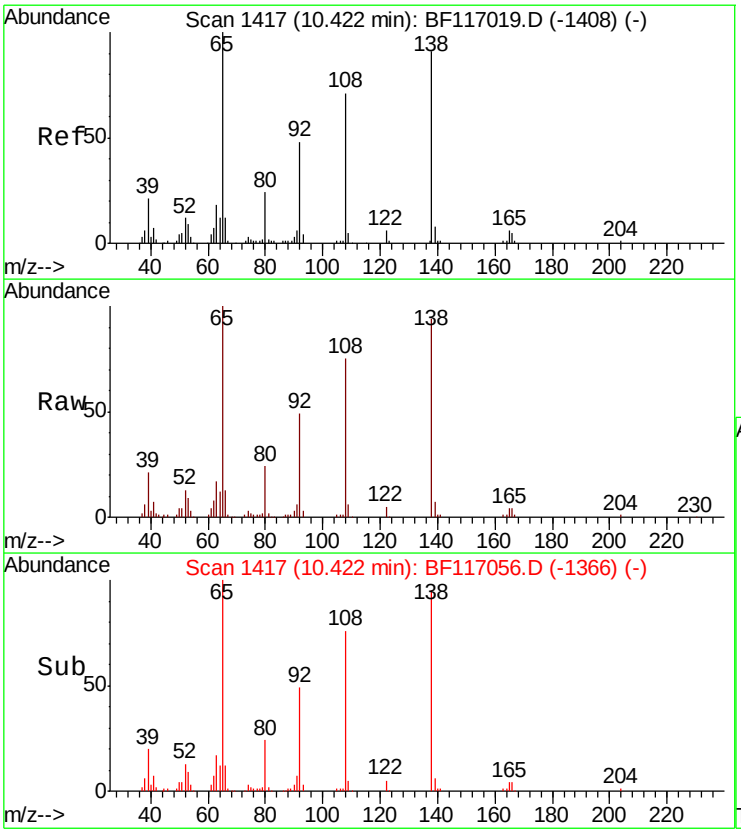
Tgt Ion:204 Resp: 175734

Ion	Ratio	Lower	Upper
204	100		
206	32.0	26.0	39.0
141	68.5	58.2	87.2



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

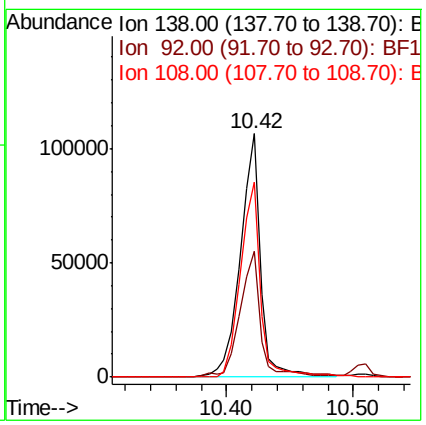
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

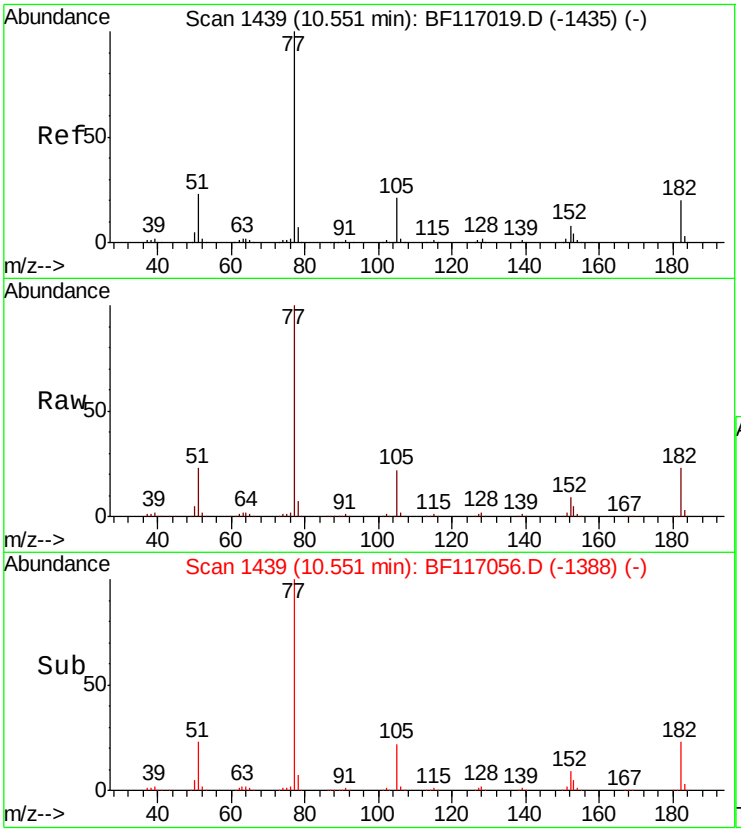


#62
4-Nitroaniline
Concen: 51.017 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:138 Resp: 117448

Ion	Ratio	Lower	Upper
138	100		
92	51.8	32.9	72.9
108	80.1	58.3	98.3

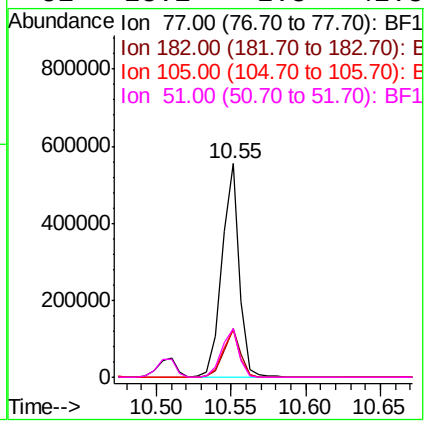




#63
Azobenzene
Concen: 52.164 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

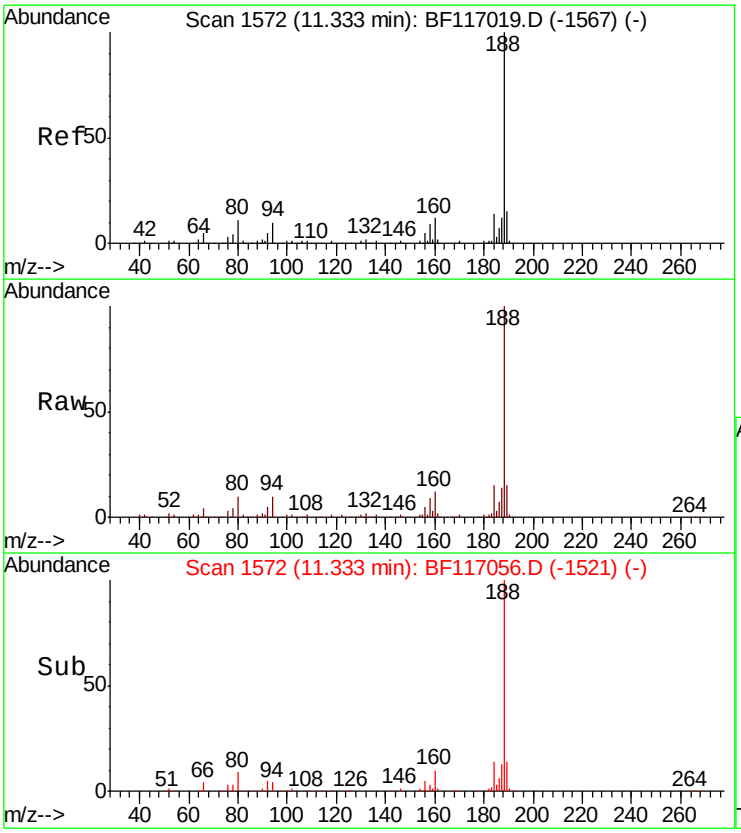
Tgt Ion: 77 Resp: 451538

Ion	Ratio	Lower	Upper
77	100		
182	22.9	0.4	40.4
105	22.1	0.9	40.9
51	23.1	2.8	42.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

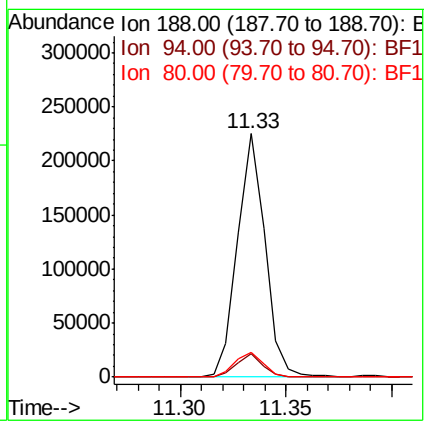
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

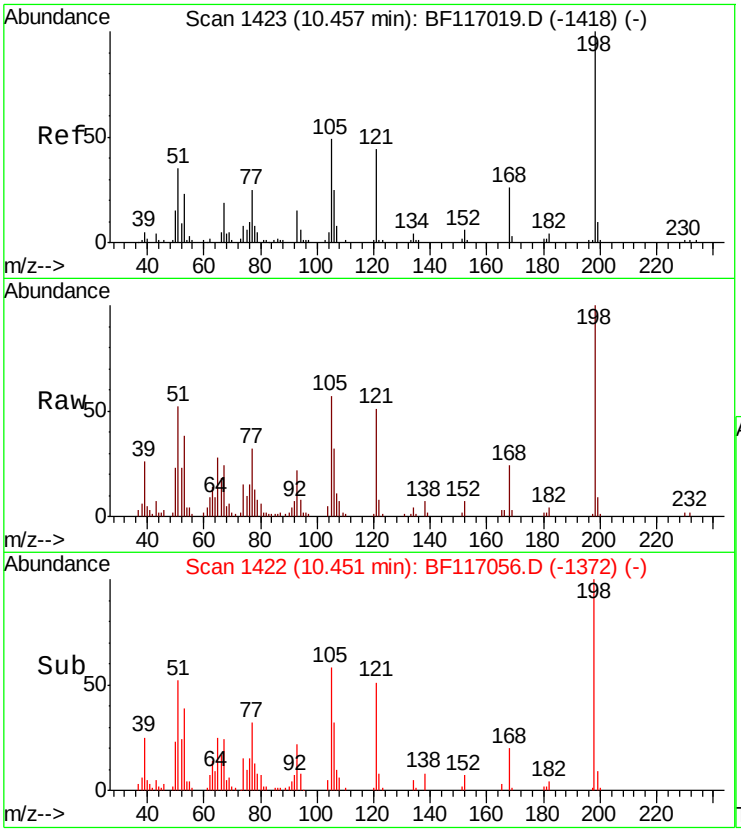


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:188 Resp: 204516

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.0	9.0	13.6





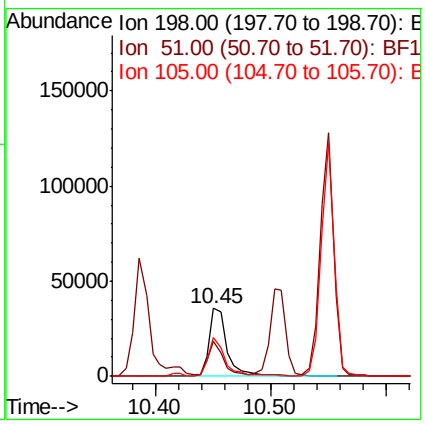
#65
4,6-Dinitro-2-methylphenol
Concen: 42.779 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

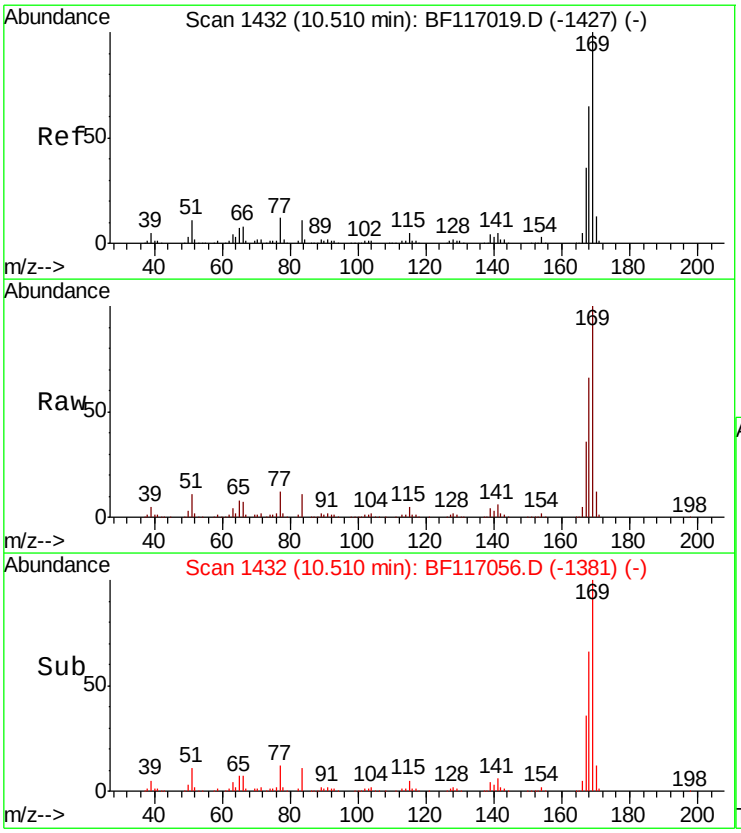
Tgt Ion:198 Resp: 39047

Ion	Ratio	Lower	Upper
198	100		
51	51.7	18.7	58.7
105	57.4	30.2	70.2

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

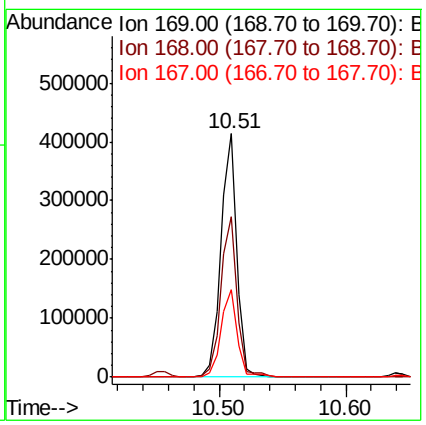


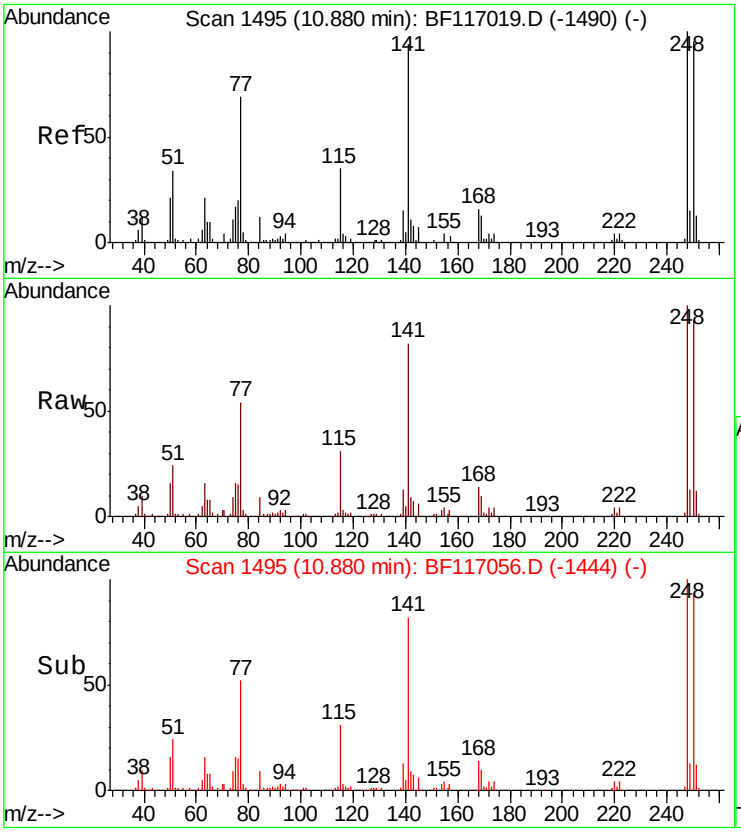


#66
n-Nitrosodiphenylamine
Concen: 51.233 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:169 Resp: 361869

Ion	Ratio	Lower	Upper
169	100		
168	65.8	52.2	78.2
167	36.2	28.8	43.2

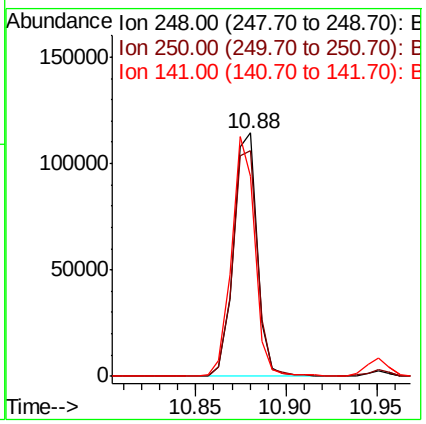




#67
4-Bromophenyl-phenylether
Concen: 49.991 ng
RT: 10.88 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

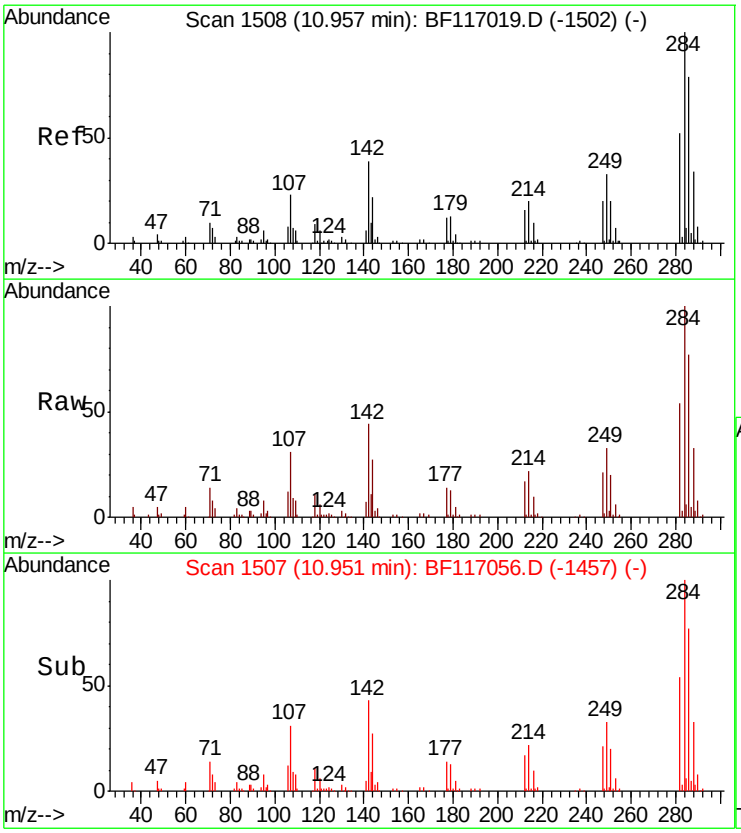
Tgt Ion:248 Resp: 104411

Ion	Ratio	Lower	Upper
248	100		
250	92.9	76.2	114.4
141	82.3	75.0	112.4



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

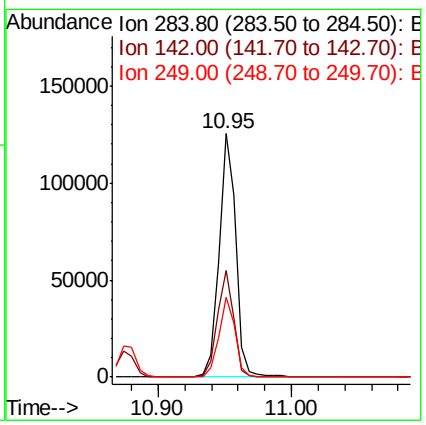
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

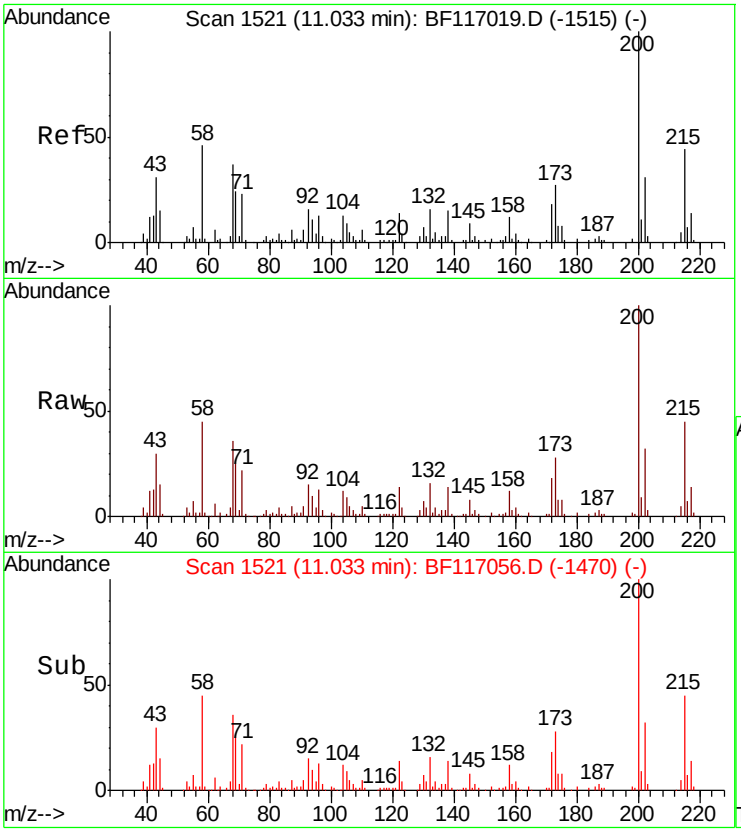


#68
Hexachlorobenzene
Concen: 48.518 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:284 Resp: 110836

Ion	Ratio	Lower	Upper
284	100		
142	43.9	31.4	47.2
249	32.7	26.5	39.7

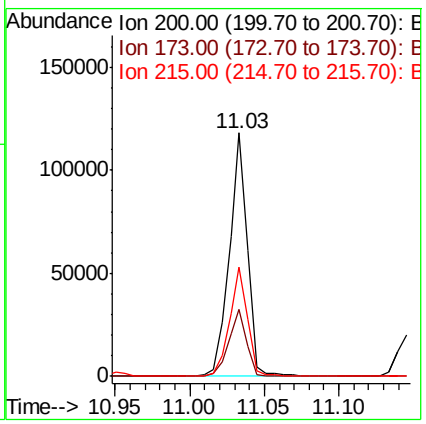




#69
Atrazine
Concen: 65.625 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

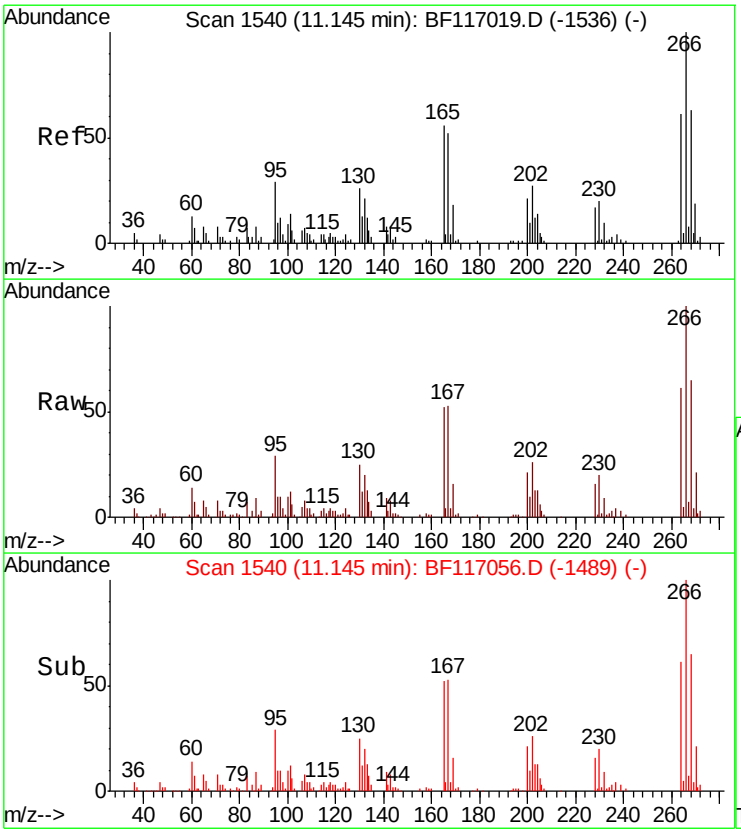
Tgt Ion:200 Resp: 101786

Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.9	46.9
215	44.8	23.8	63.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

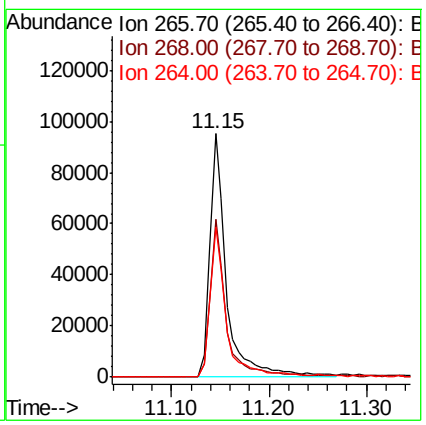
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

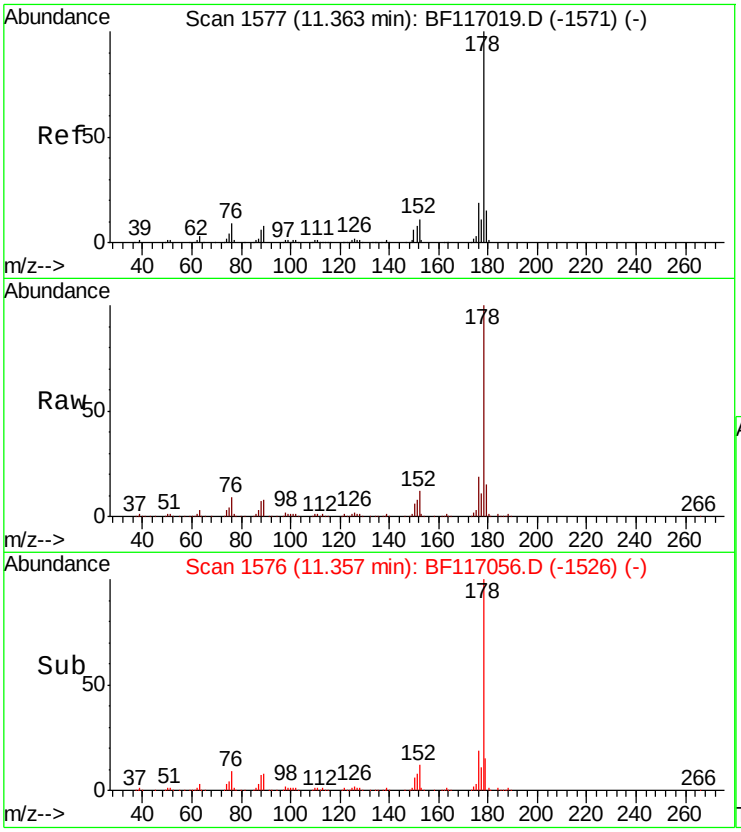


#70
Pentachlorophenol
Concen: 105.436 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:266 Resp: 112903

Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.5	75.7
264	61.5	48.8	73.2

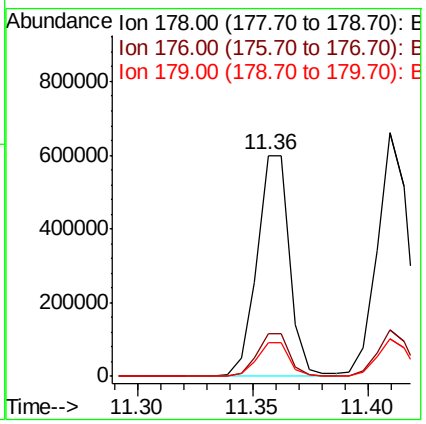




#71
Phenanthrene
Concen: 50.919 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

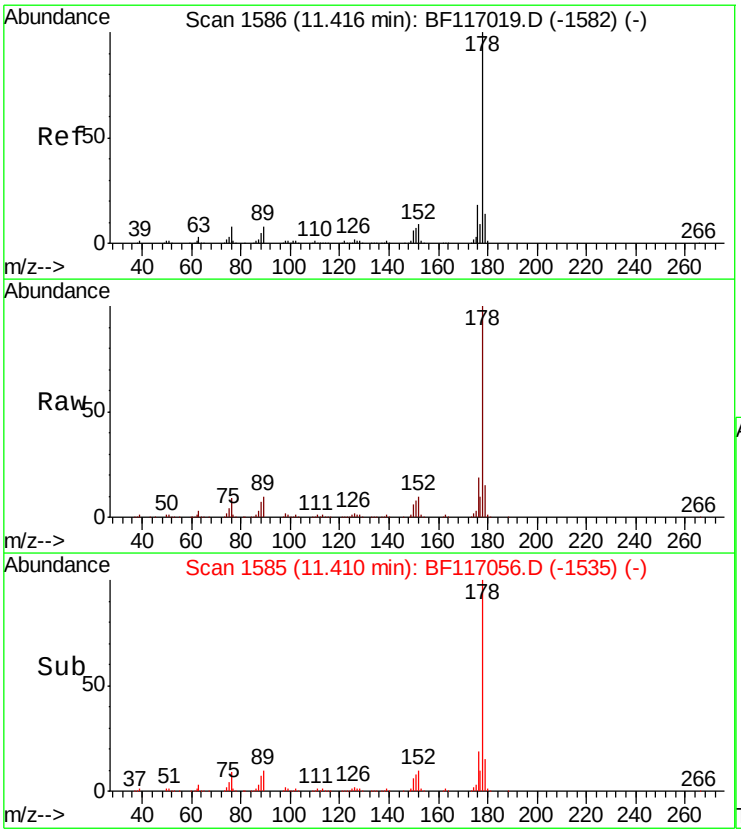
Tgt Ion:178 Resp: 591492

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.5	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

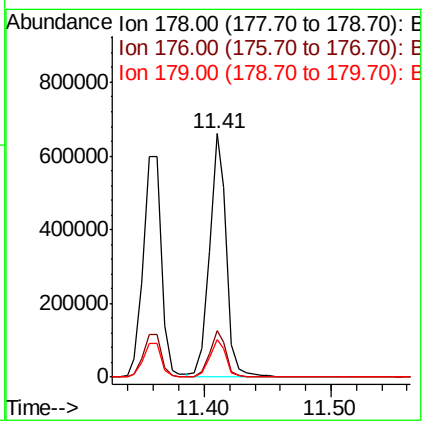
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

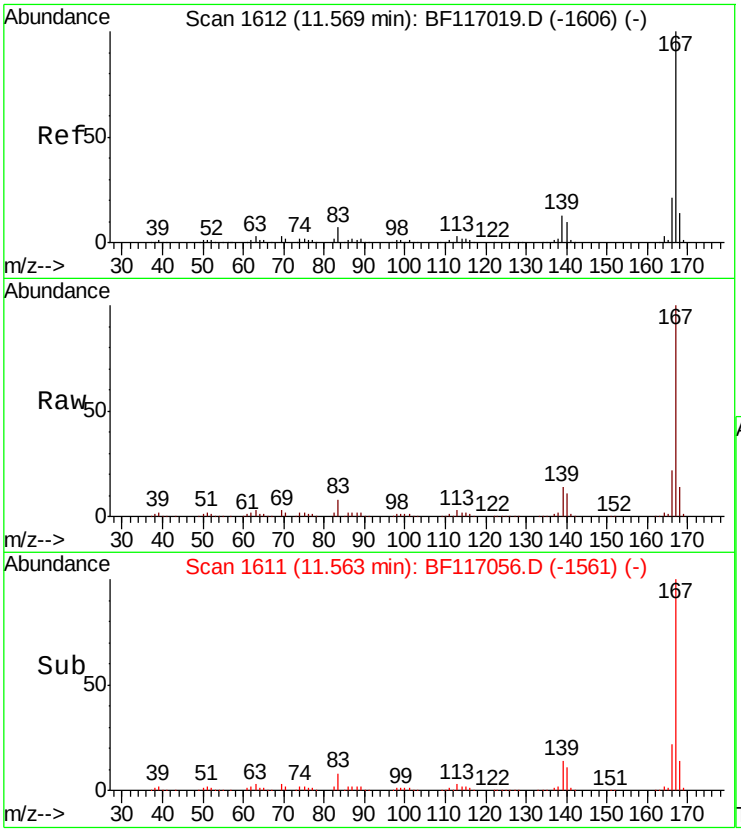


#72
Anthracene
Concen: 51.931 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:178 Resp: 615871

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.4	11.6	17.4

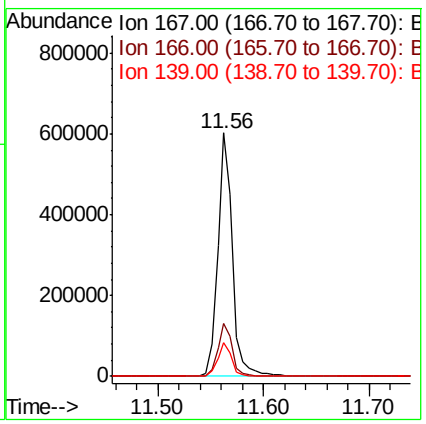




#73
Carbazole
Concen: 52.226 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

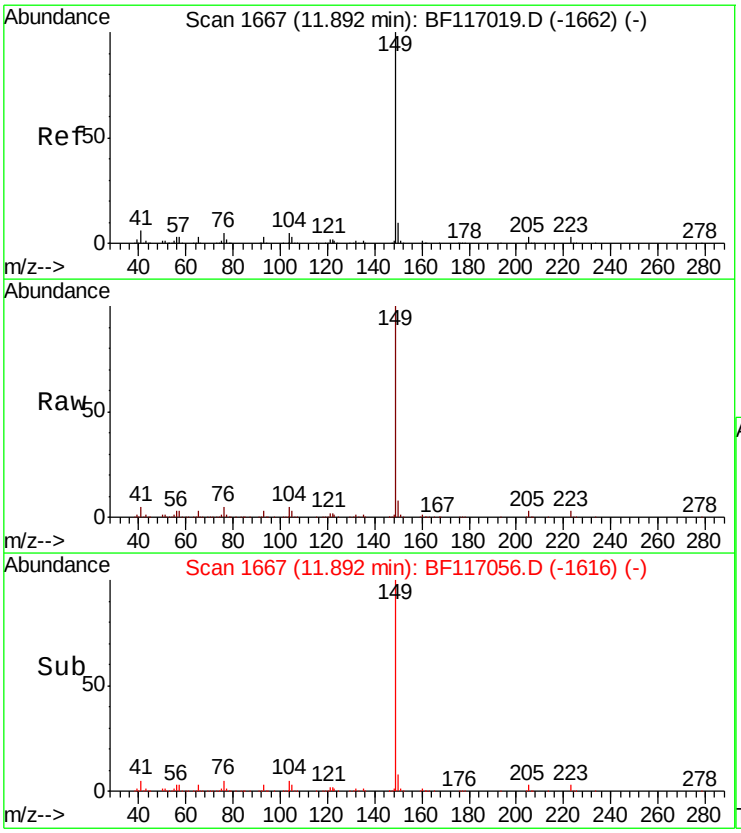
Tgt Ion:167 Resp: 587907

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	13.9	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

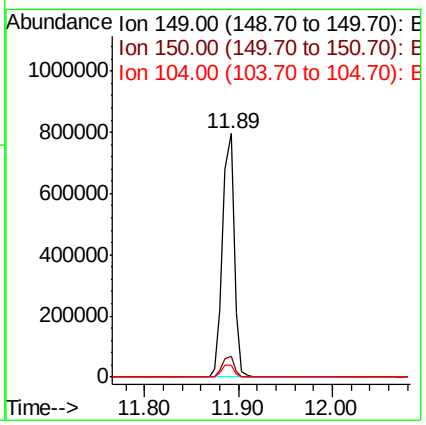
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

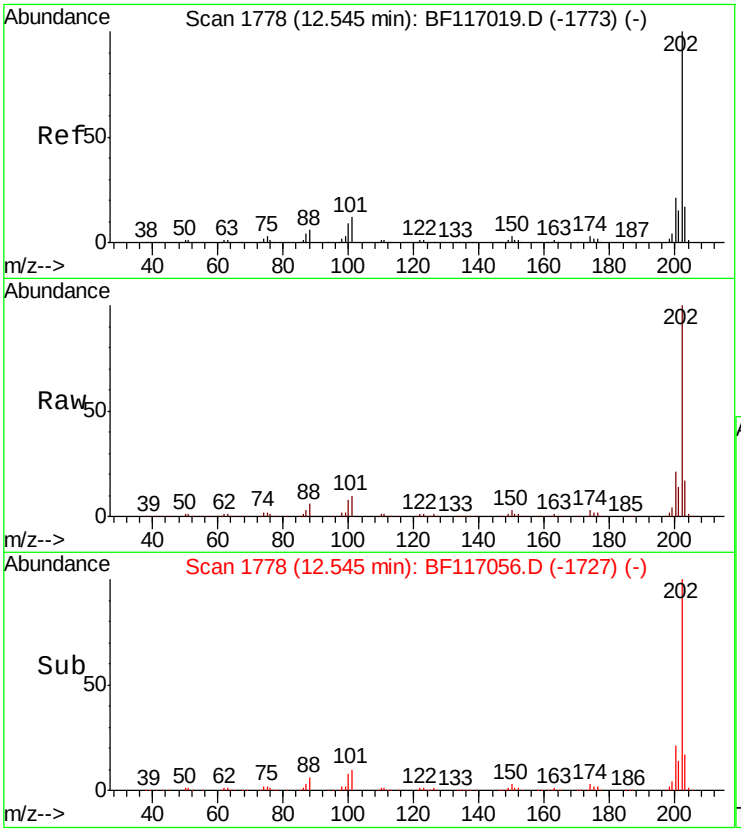


#74
Di-n-butylphthalate
Concen: 51.843 ng
RT: 11.89 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:149 Resp: 694357

Ion	Ratio	Lower	Upper
149	100		
150	8.4	7.7	11.5
104	4.9	4.2	6.4

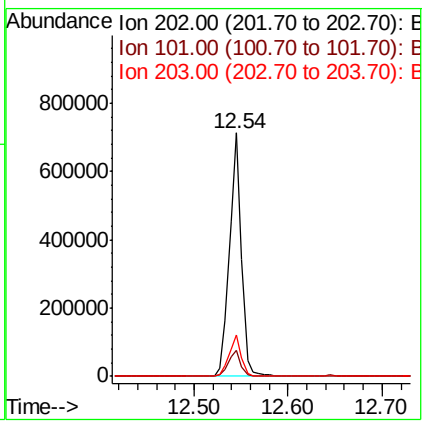




#75
Fluoranthene
Concen: 52.743 ng
RT: 12.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

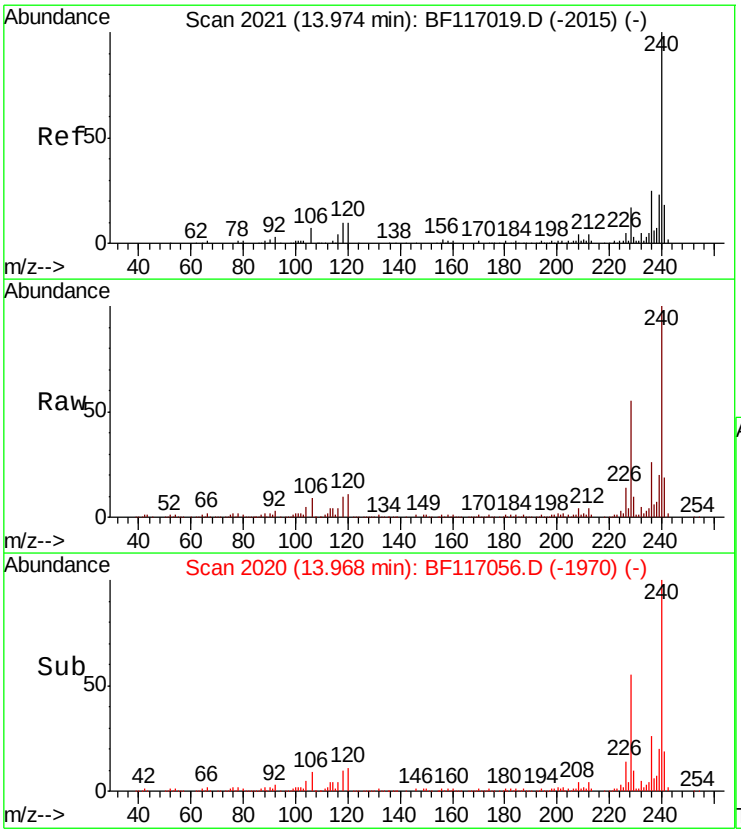
Tgt Ion:202 Resp: 629529

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.3
203	16.8	0.0	37.1



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

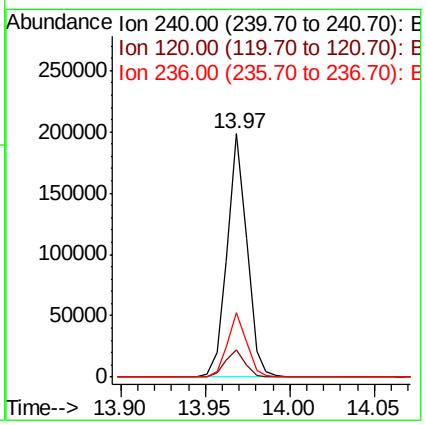
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

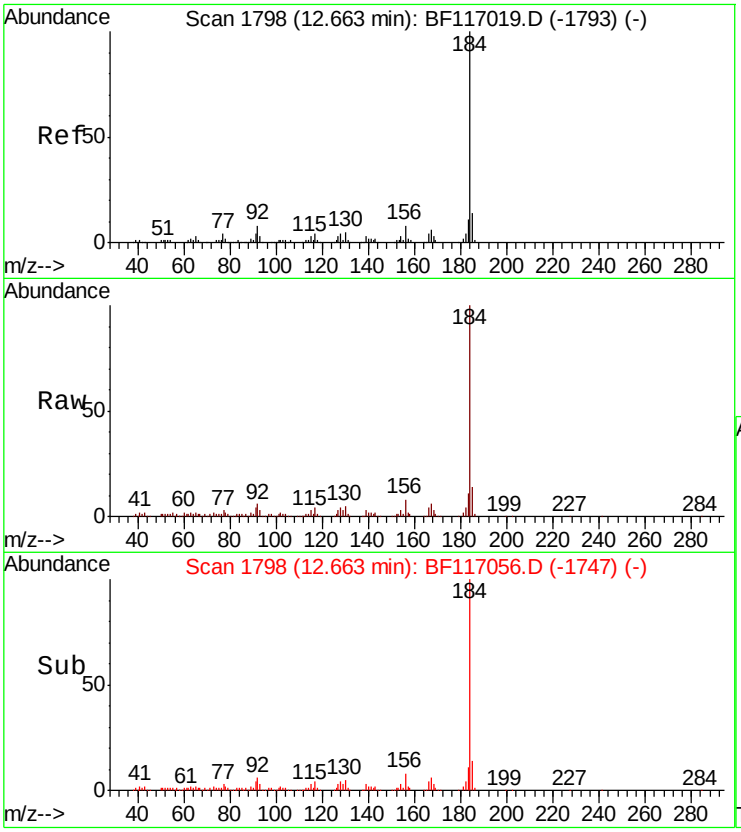


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:240 Resp: 161206

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.3	12.5
236	26.2	20.3	30.5





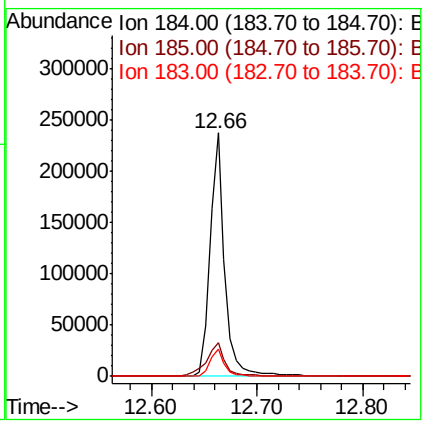
#77
Benzidine
Concen: 44.623 ng
RT: 12.66 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

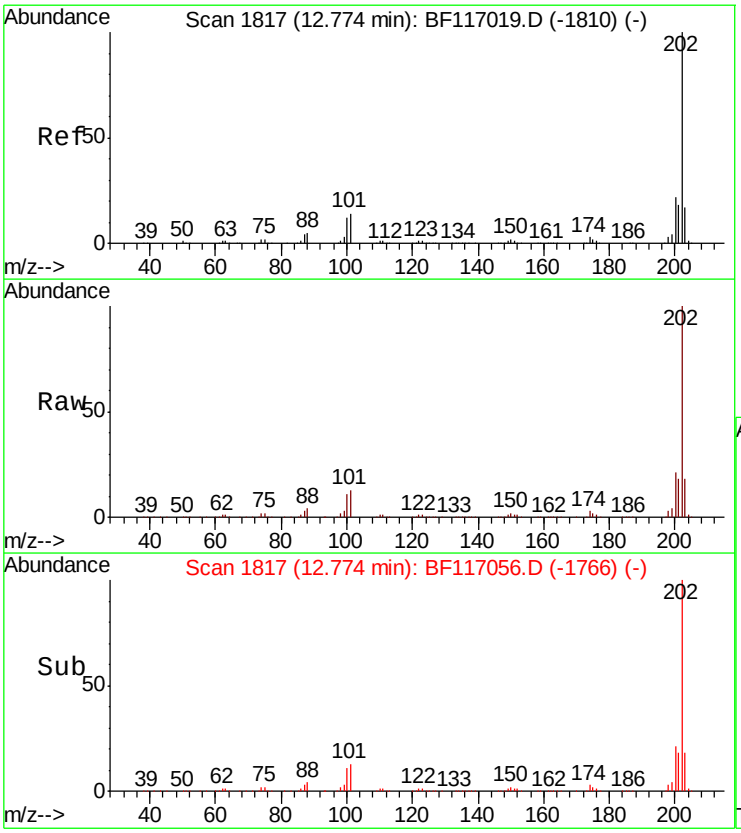
Tgt Ion:184 Resp: 231719

Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.6	17.4
183	11.4	9.0	13.4

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

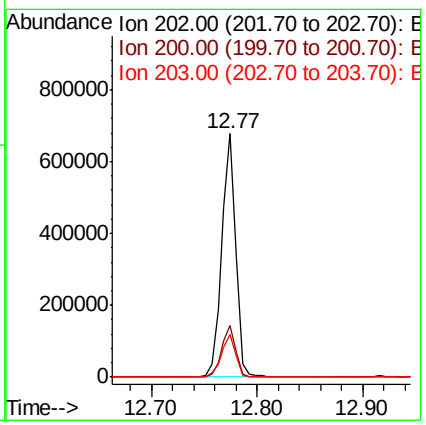


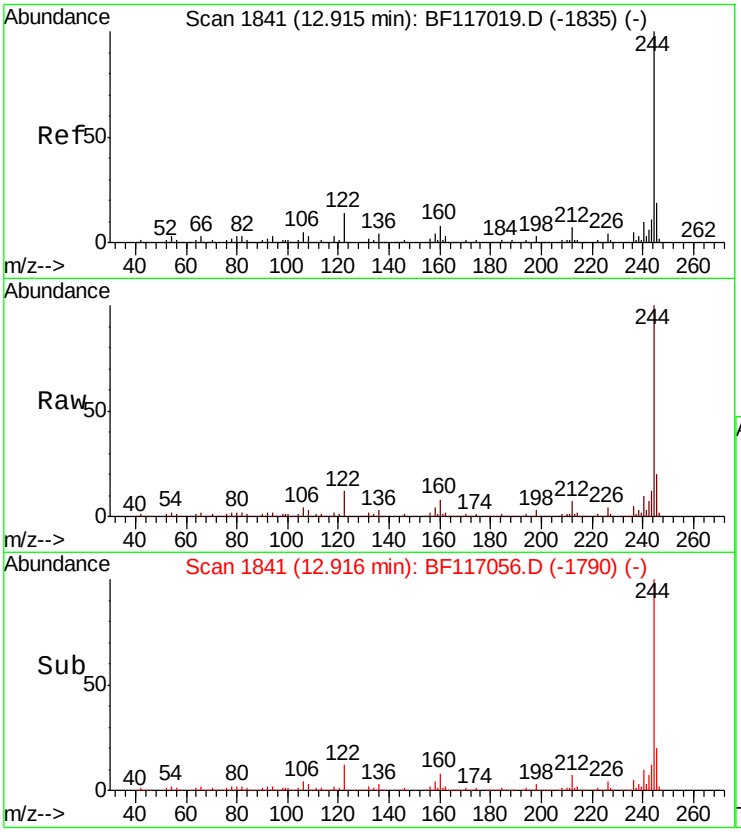


#78
Pyrene
Concen: 46.487 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:202 Resp: 628800

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.5	14.0	21.0

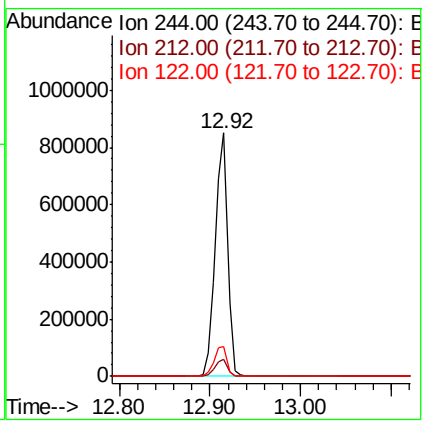




#79
Terphenyl-d14
Concen: 92.245 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

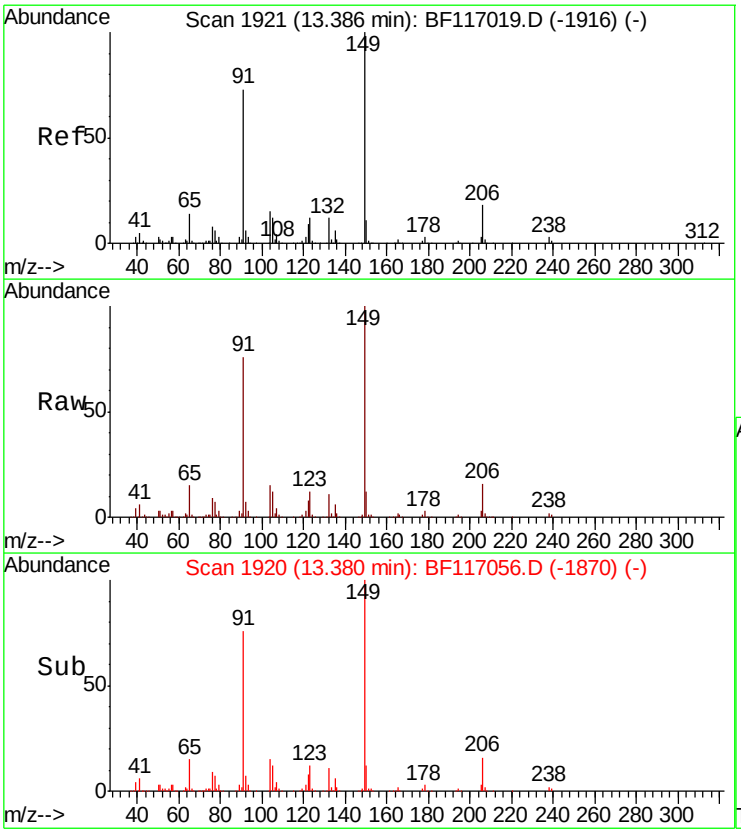
Tgt Ion:244 Resp: 795540

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

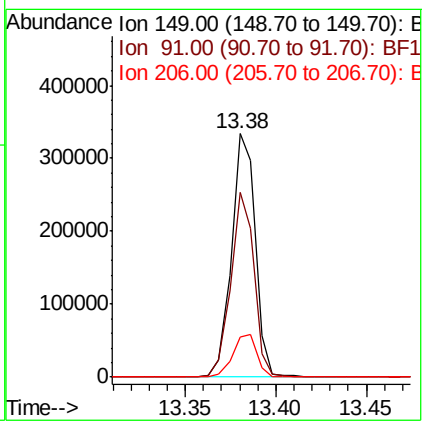
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

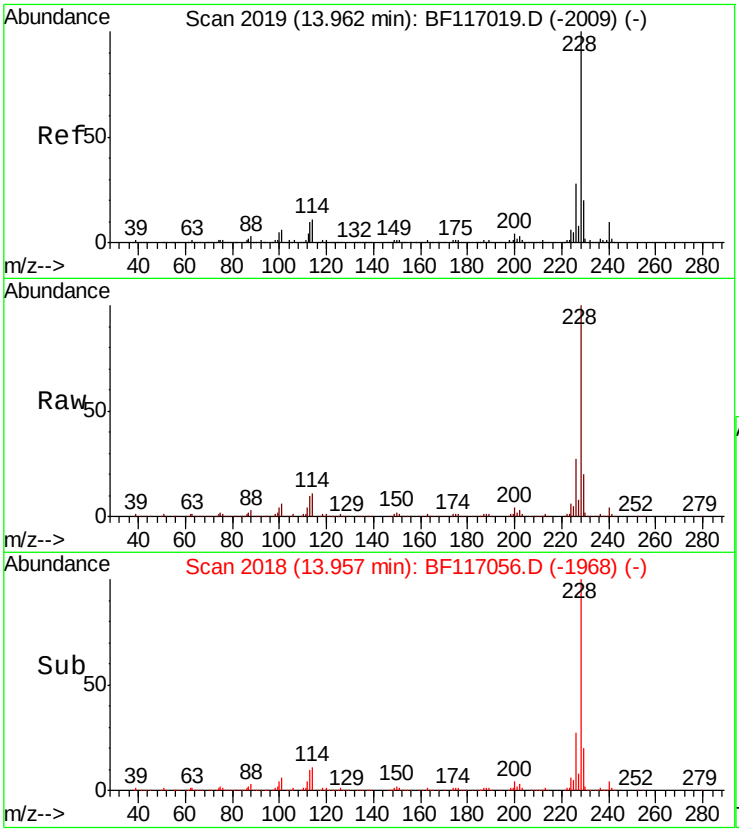


#80
Butylbenzylphthalate
Concen: 47.749 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:149 Resp: 305184

Ion	Ratio	Lower	Upper
149	100		
91	75.7	58.8	88.2
206	16.4	14.1	21.1

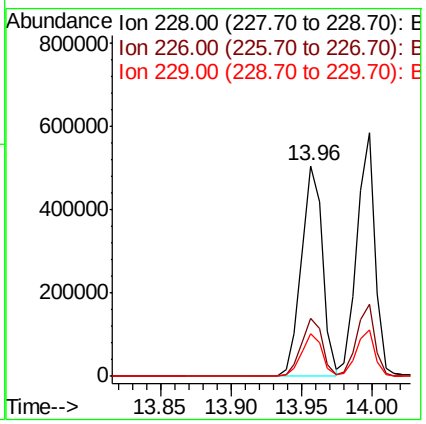




#81
Benzo(a)anthracene
Concen: 48.852 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

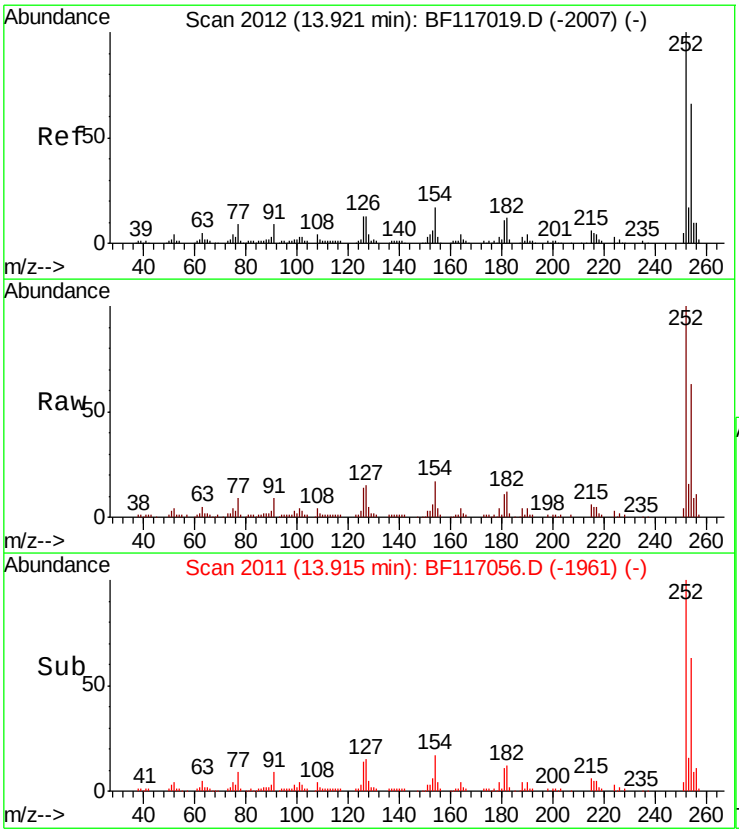
Tgt Ion:228 Resp: 526151

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.1	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

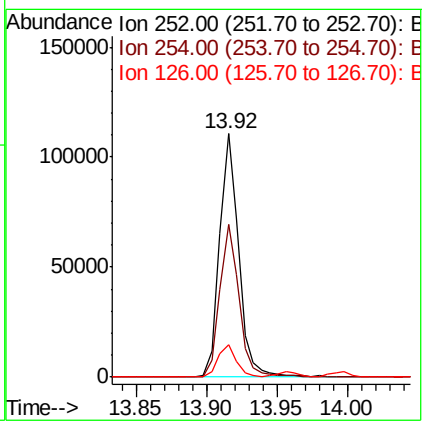
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

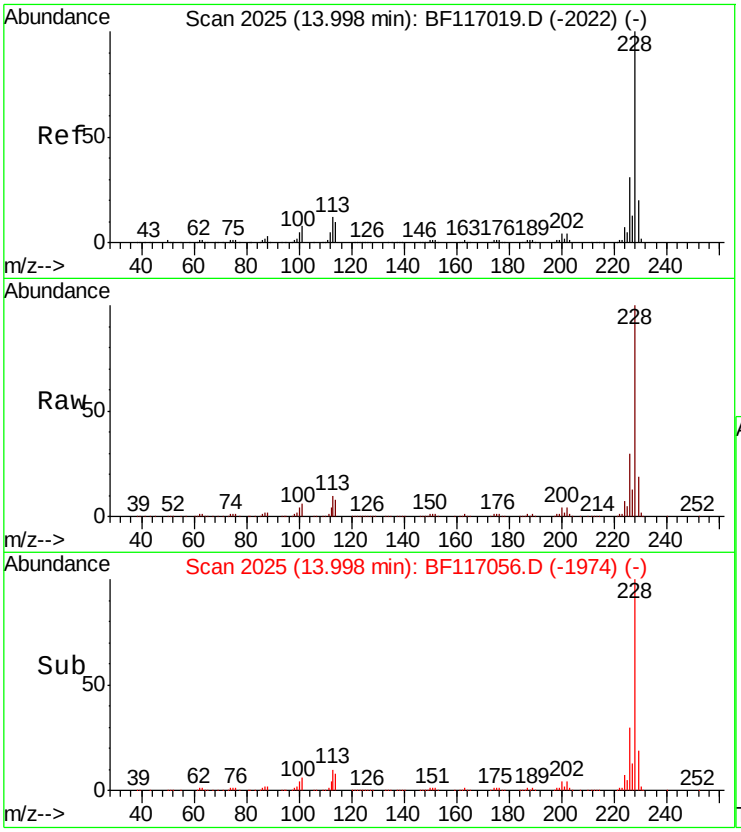


#82
3,3'-Dichlorobenzidine
Concen: 30.139 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:252 Resp: 104604

Ion	Ratio	Lower	Upper
252	100		
254	62.6	52.6	79.0
126	13.6	10.4	15.6

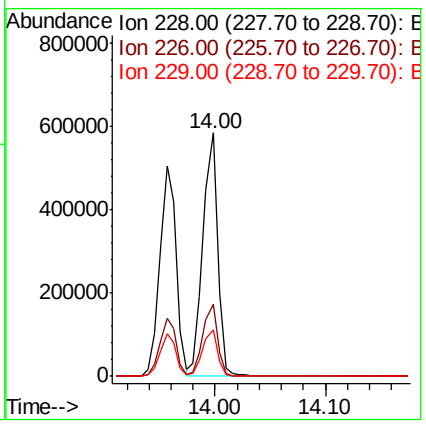




#83
Chrysene
Concen: 50.336 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

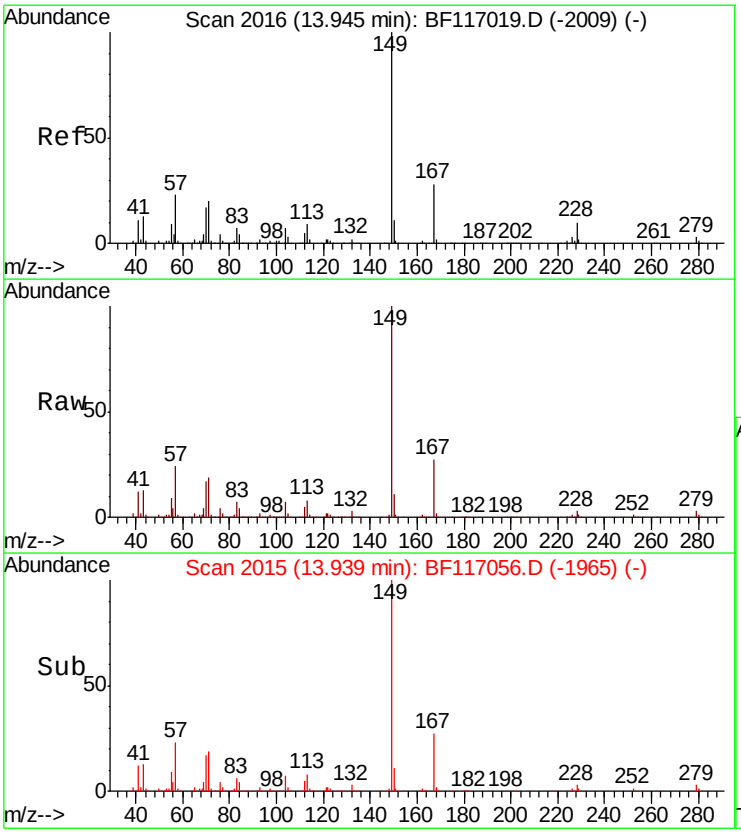
Tgt Ion:228 Resp: 528762

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	19.2	15.8	23.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

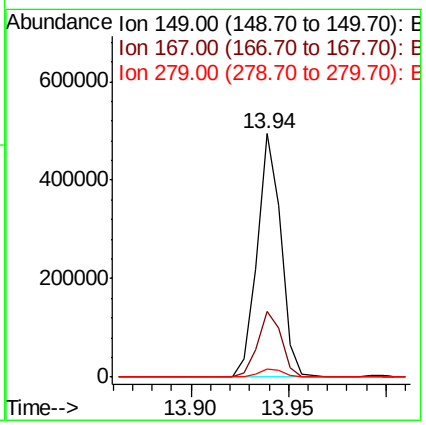
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

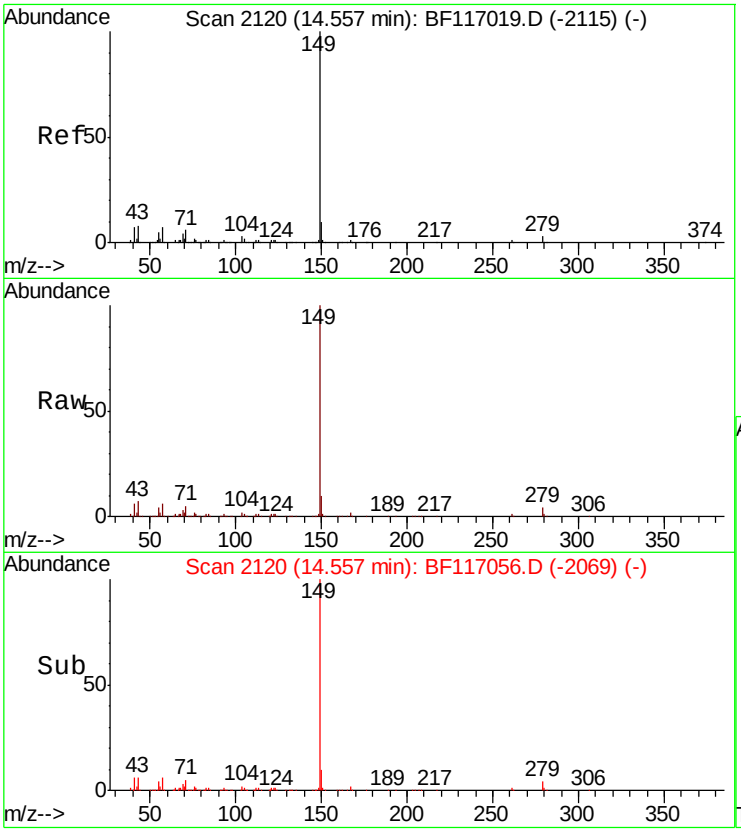


#84
Bis(2-ethylhexyl)phthalate
Concen: 50.530 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:149 Resp: 416408

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.2
279	3.2	2.8	4.2

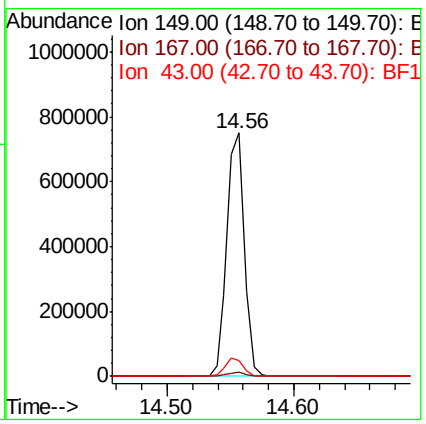




#85
Di-n-octyl phthalate
Concen: 55.016 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

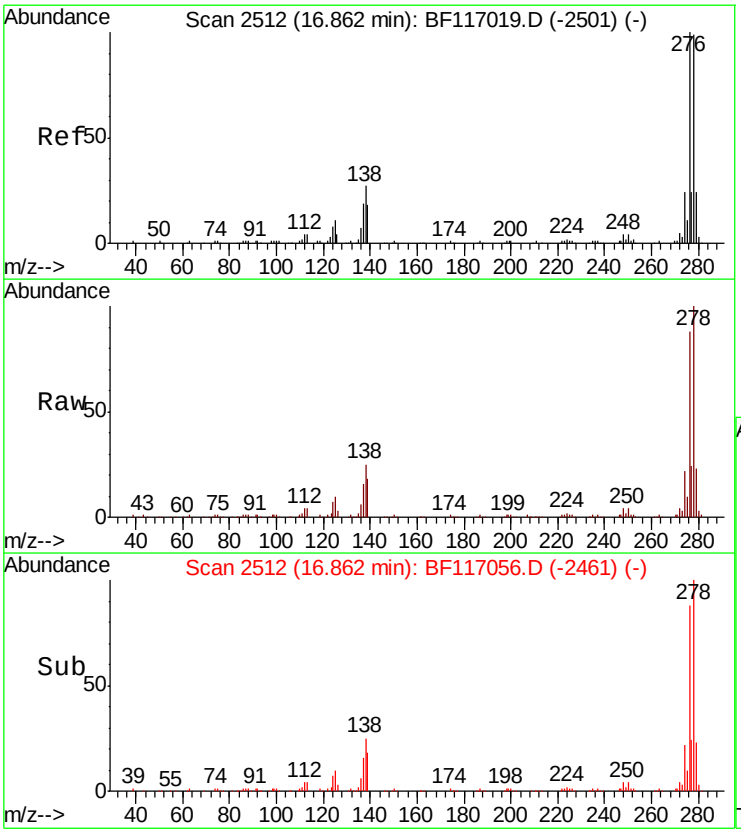
Tgt Ion:149 Resp: 713591

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.3	6.2	9.4



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

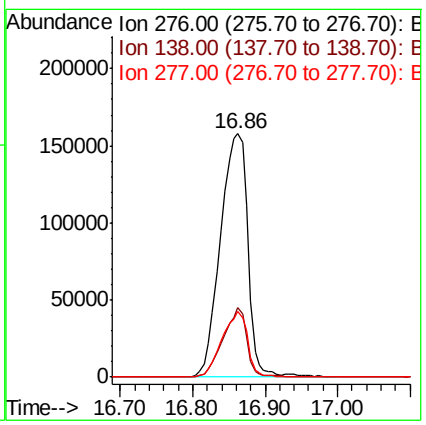
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

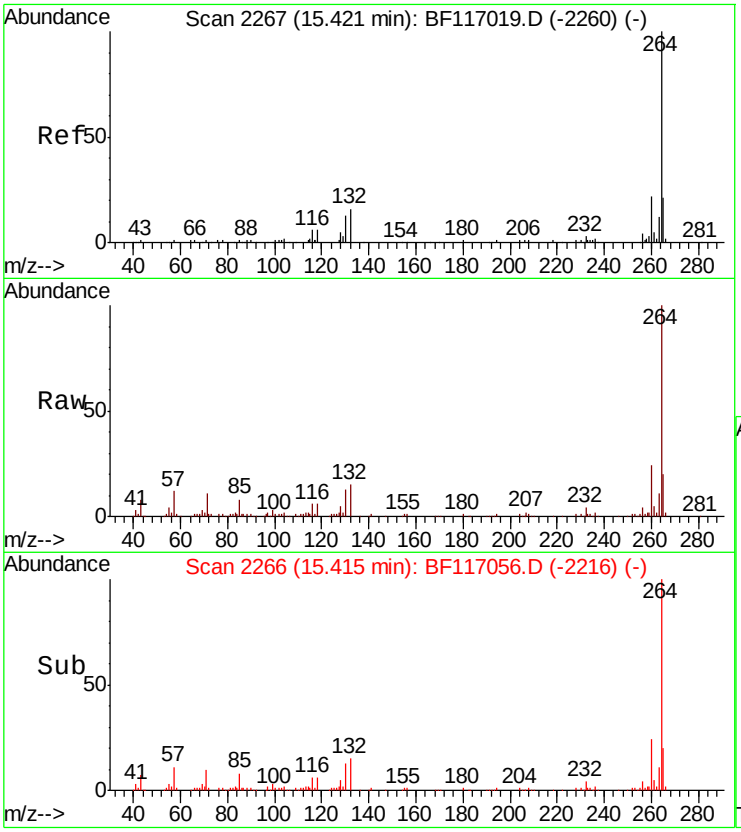


#86
Indeno(1,2,3-cd)pyrene
Concen: 54.260 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:276 Resp: 415837

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.7	31.1
277	25.1	19.8	29.8

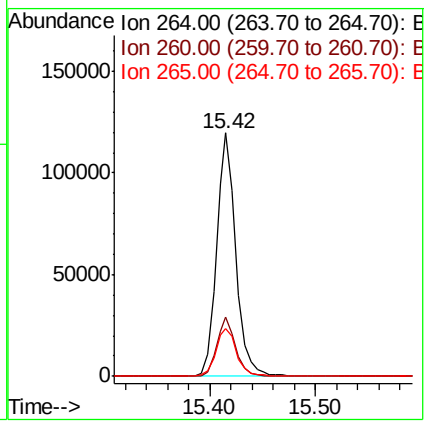




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

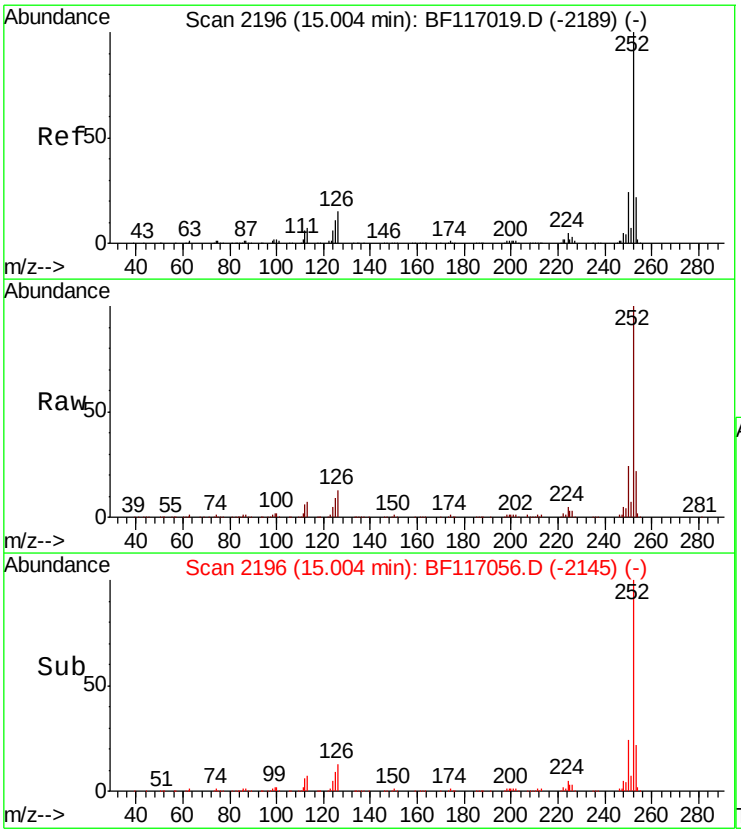
Tgt Ion:264 Resp: 152863

Ion	Ratio	Lower	Upper
264	100		
260	24.1	17.6	26.4
265	19.9	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

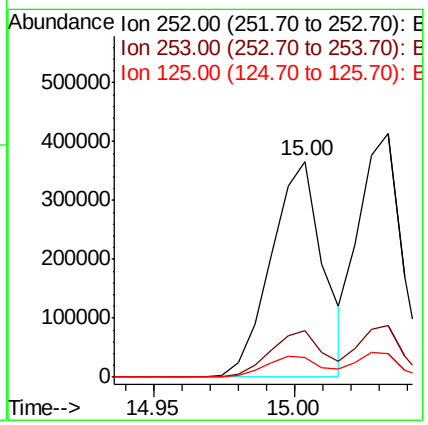
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

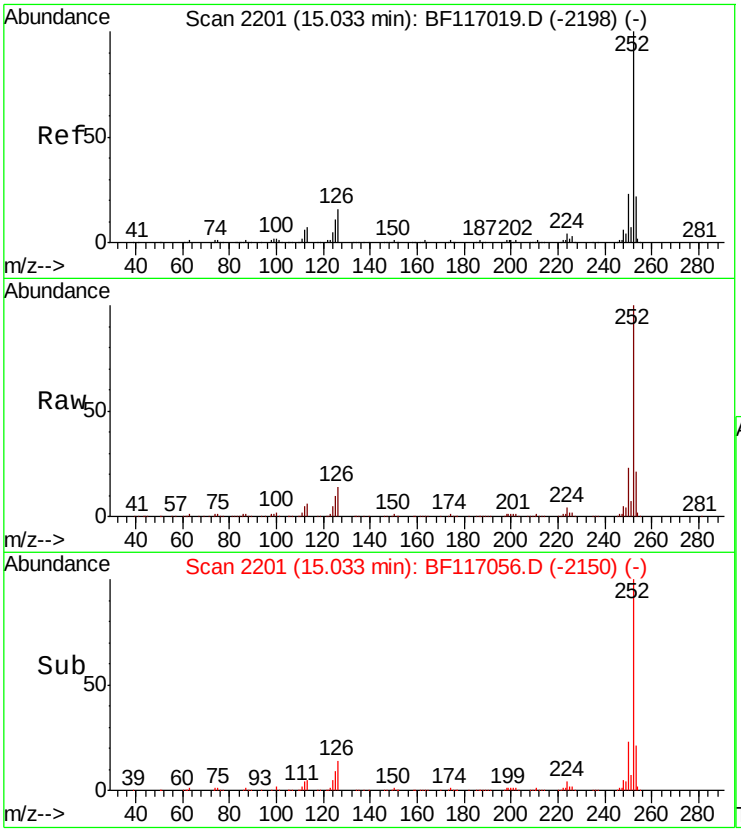


#88
Benzo(b)fluoranthene
Concen: 50.825 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:252 Resp: 470612

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	9.1	8.6	12.8

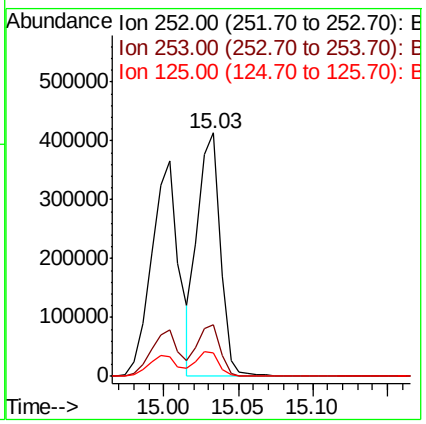




#89
Benzo(k)fluoranthene
Concen: 49.594 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

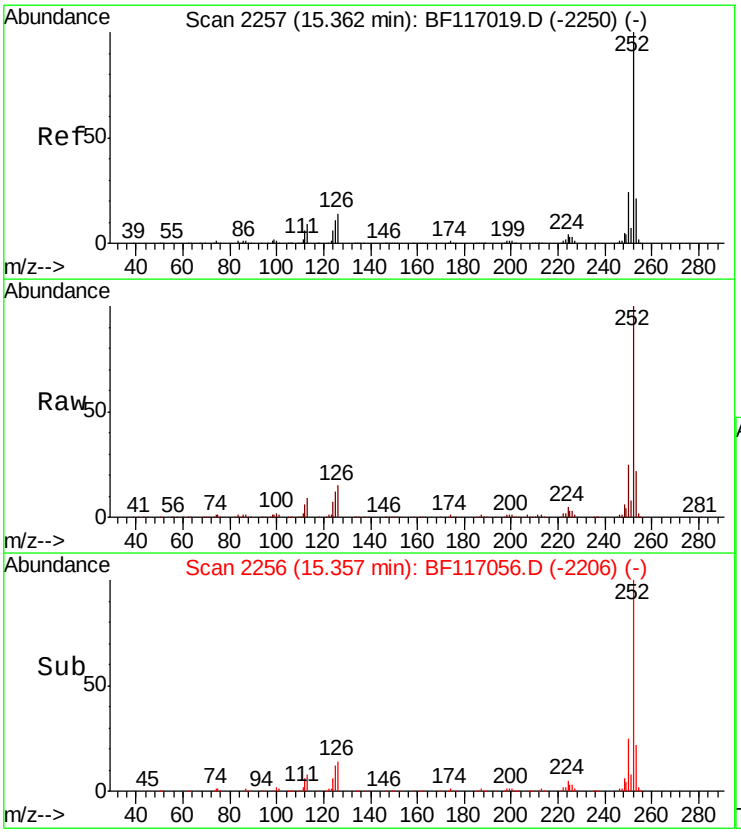
Tgt Ion:252 Resp: 434999

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.6	8.8	13.2



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

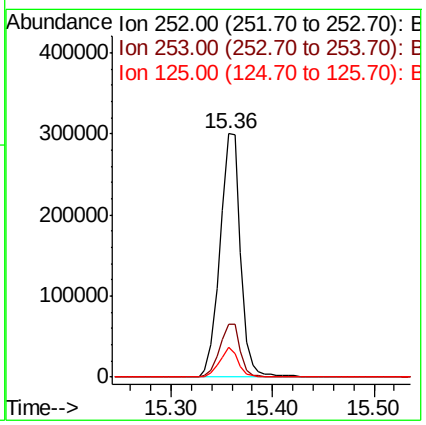
Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM

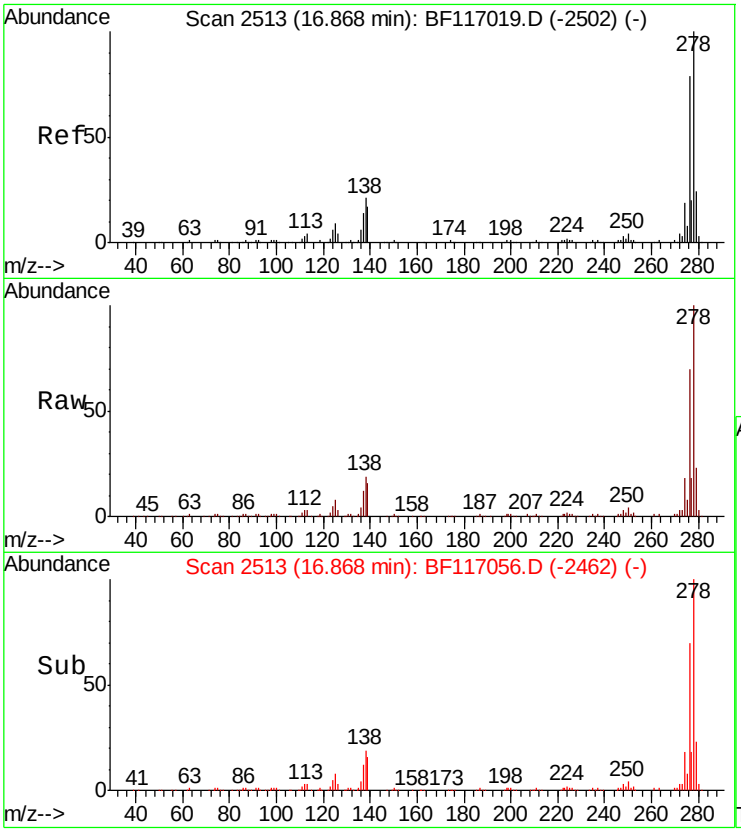


#90
Benzo(a)pyrene
Concen: 52.198 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:252 Resp: 424129

Ion	Ratio	Lower	Upper
252	100		
253	21.8	16.6	25.0
125	12.2	8.9	13.3

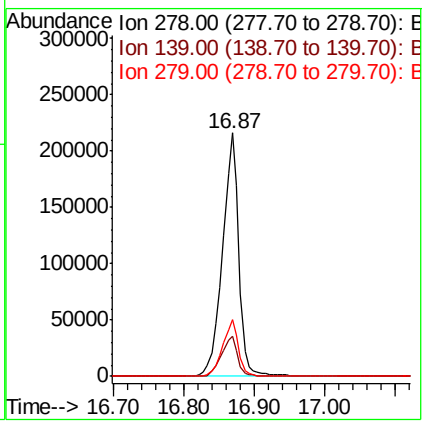




#91
Dibenzo(a,h)anthracene
Concen: 53.706 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

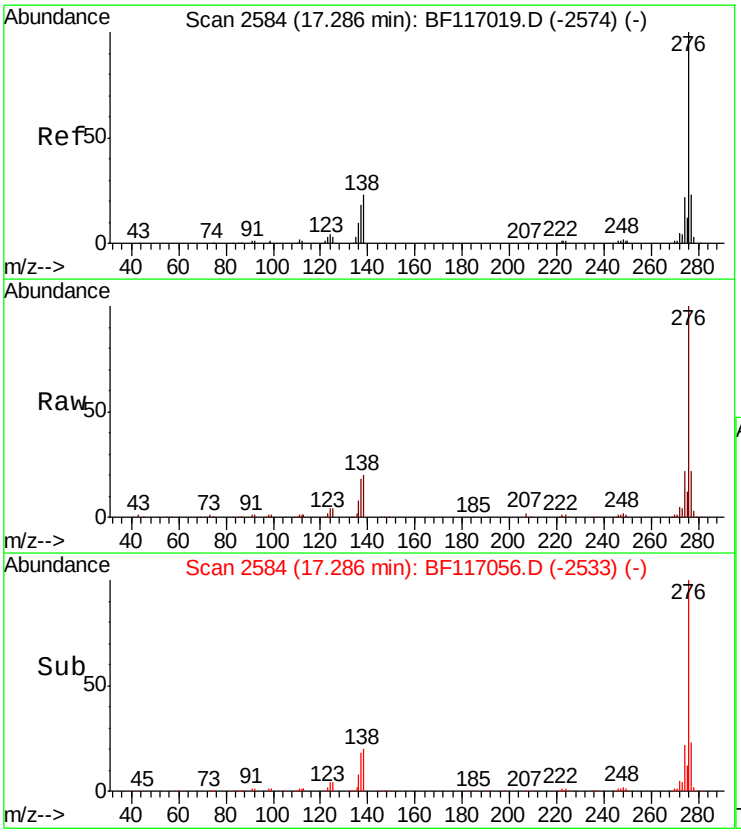
Tgt Ion:278 Resp: 347632

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.5	20.3
279	23.4	18.8	28.2



Instrument :
BNA_F
ClientSampleId :
OK-01-091119MSD

Manual Integrations APPROVED
mohammad
9/17/2019 1:25:21 PM



#92
Benzo(g,h,i)perylene
Concen: 53.586 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117056.D
Acq: 16 Sep 2019 12:11

Tgt Ion:276 Resp: 345643

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.6	27.8
138	20.1	18.0	27.0