Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094983.D
Acq On : 8 May 2017 16:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

Quant Time: May 08 17:14:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	98851	20.00	ng		-0.02
21) Naphthalene-d8	9.74	136	409481	20.00	ng		-0.02
38) Acenaphthene-d10	12.57	164	200316	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	350728	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	297545	20.00	ng		-0.01
86) Perylene-d12	20.30	264	243682	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	485062	81.81	ng		-0.02
7) Phenol-d6	7.25	99	579557	81.47	ng		-0.02
23) Nitrobenzene-d5	8.62	82	520052	80.09	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	134999	82.29	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1049195	75.39	ng		-0.02
78) Terphenyl-d14	17.29	244	945815	70.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	126961	43.66	ng		92
3) Pyridine	2.74	79	312397	46.35	ng		97
4) n-Nitrosodimethylamine	2.68	42	117798	41.93	ng		81
6) Aniline	7.21	93	372210	41.44	ng		97
8) 2-Chlorophenol	7.40	128	274290	40.64	ng		94
9) Benzaldehyde	7.02	77	164595	37.89	ng		98
10) Phenol	7.27	94	298758	39.85	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	249286	40.28	ng		95
12) 1,3-Dichlorobenzene	7.62	146	309709	40.46	ng		98
13) 1,4-Dichlorobenzene	7.74	146	314579	40.52	ng		96
14) 1,2-Dichlorobenzene	7.98	146	297735	41.09	ng		96
15) Benzyl Alcohol	8.00	79	193934	42.38	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	338133	38.60	ng	#	46
17) 2-Methylphenol	8.21	107	227726	41.23	ng	#	90
18) Hexachloroethane	8.50	117	105625	40.16	ng	#	85
19) n-Nitroso-di-n-propylamine	8.42	70	194734	40.47	ng		93
20) 3+4-Methylphenols	8.47	107	305699	40.73	ng	#	60
22) Acetophenone	8.39	105	391017	39.80	ng	#	84
24) Nitrobenzene	8.65	77	272480	40.03	ng		93
25) Isophorone	9.05	82	464310	40.04	ng		96
26) 2-Nitrophenol	9.15	139	155281	42.28	ng		98
27) 2,4-Dimethylphenol	9.29	122	238447	40.16	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	318987	39.77	ng		99
29) 2,4-Dichlorophenol	9.57	162	225823	40.28	ng		97
30) 1,2,4-Trichlorobenzene	9.67	180	237414	39.52	ng		99
31) Naphthalene	9.77	128	822460	39.96	ng		100
32) Benzoic acid	9.61	122	139414	37.05	ng		96
33) 4-Chloroaniline	9.90	127	334895	43.67	ng	#	93
34) Hexachlorobutadiene	9.99	225	123690	39.02	ng		97
35) Caprolactam	10.53	113	73772m	43.82	ng		
36) 4-Chloro-3-methylphenol	10.76	107	250783	41.83	ng		89
37) 2-Methylnaphthalene	10.90	142	557106	41.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	232426	37.73	ng		99
40) Hexachlorocyclopentadiene	11.15	237	74679	32.71	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094983.D
Acq On : 8 May 2017 16:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

Quant Time: May 08 17:14:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	154775	37.63	ng		100
43) 2,4,5-Trichlorophenol	11.47	196	168602	38.14	ng		94
45) 1,1'-Biphenyl	11.67	154	669614	39.70	ng		99
46) 2-Chloronaphthalene	11.68	162	534979	39.28	ng		94
47) 2-Nitroaniline	11.89	65	153160	41.09	ng	#	77
48) Acenaphthylene	12.34	152	843661	39.55	ng		99
49) Dimethylphthalate	12.21	163	642930	39.10	ng		99
50) 2,6-Dinitrotoluene	12.30	165	137057	40.85	ng		96
51) Acenaphthene	12.62	154	503681	39.53	ng		99
52) 3-Nitroaniline	12.57	138	153227	42.55	ng		90
53) 2,4-Dinitrophenol	12.77	184	65825	39.09	ng	#	68
54) Dibenzofuran	12.91	168	717348	40.69	ng		97
55) 4-Nitrophenol	12.96	139	90771	41.97	ng	#	65
56) 2,4-Dinitrotoluene	12.97	165	175654	40.75	ng	#	90
57) Fluorene	13.46	166	593473	38.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	117337	42.17	ng	#	94
59) Diethylphthalate	13.36	149	602008	38.19	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	263326	39.08	ng		92
61) 4-Nitroaniline	13.57	138	131478	39.77	ng		97
62) Azobenzene	13.74	77	509468	40.22	ng		96
64) 4,6-Dinitro-2-methylphenol	13.63	198	98853	42.04	ng	#	65
65) n-Nitrosodiphenylamine	13.70	169	499358	39.23	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	147572	39.83	ng		98
67) Hexachlorobenzene	14.35	284	152254	40.09	ng	#	88
68) Atrazine	14.61	200	144230	40.13	ng		96
69) Pentachlorophenol	14.71	266	62631	39.67	ng		97
70) Phenanthrene	15.01	178	796587	39.53	ng		99
71) Anthracene	15.09	178	842867	40.95	ng		99
72) Carbazole	15.37	167	776834	41.48	ng		98
73) Di-n-butylphthalate	15.94	149	961856	41.18	ng		99
74) Fluoranthene	16.75	202	835658	40.43	ng		99
76) Benzidine	16.97	184	310865	39.92	ng		95
77) Pyrene	17.05	202	878888	39.50	ng		99
79) Butylbenzylphthalate	17.95	149	397806	38.43	ng		88
80) Benzo(a)anthracene	18.62	228	661904	38.22	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	226165	37.81	ng	#	97
82) Chrysene	18.68	228	676497	40.40	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	545961	37.02	ng	#	99
84) Di-n-octyl phthalate	19.47	149	890633	36.84	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	483604	35.56	ng		99
87) Benzo(b)fluoranthene	19.89	252	617828	41.03	ng		98
88) Benzo(k)fluoranthene	19.93	252	576474m	39.69	ng		
89) Benzo(a)pyrene	20.25	252	564095	40.60	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	425341	37.07	ng		98
91) Benzo(g,h,i)perylene	21.97	276	405331	36.00	ng		97

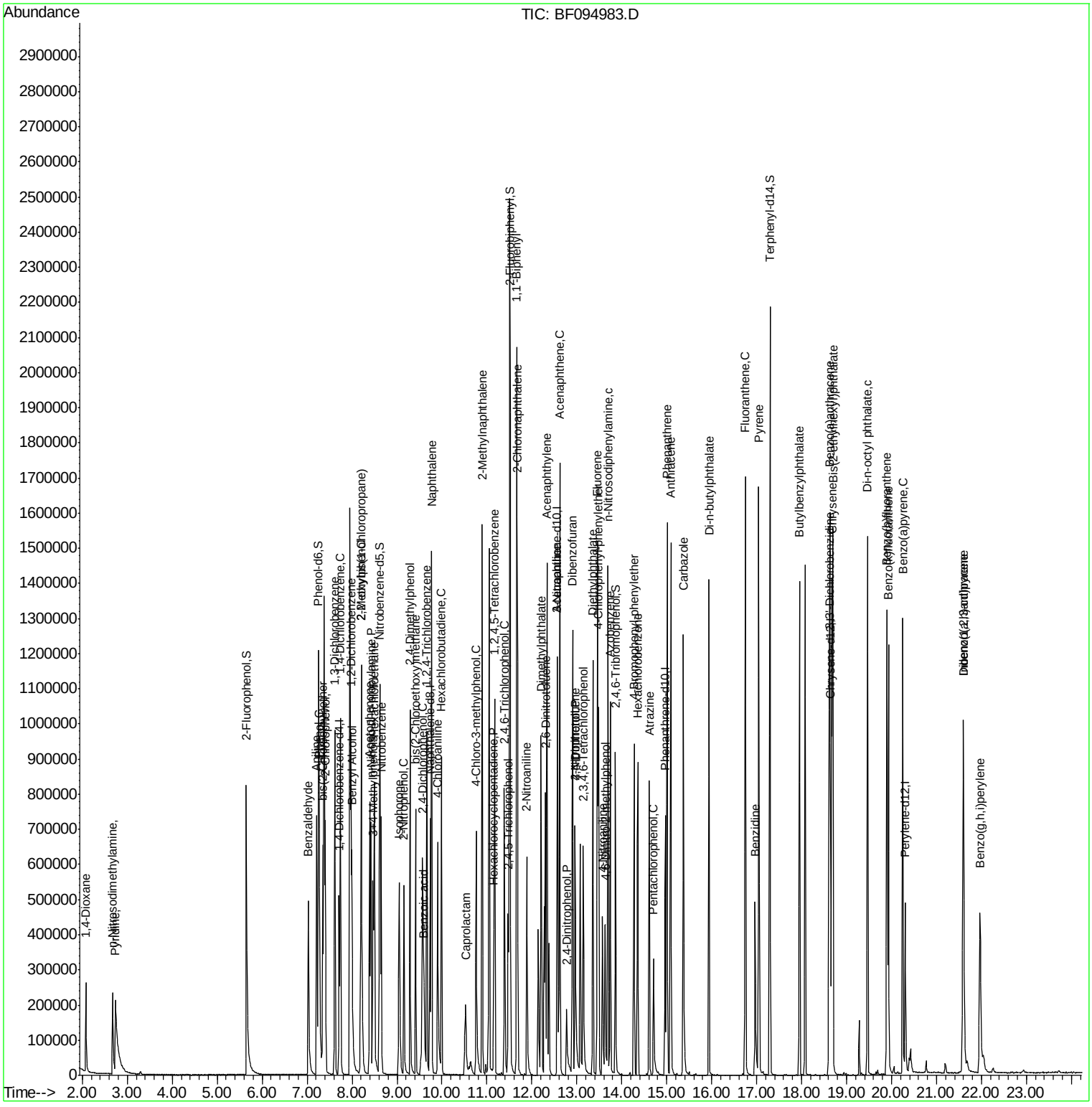
(#) = qualifier out of range (m) = manual integration (+) = signals summed

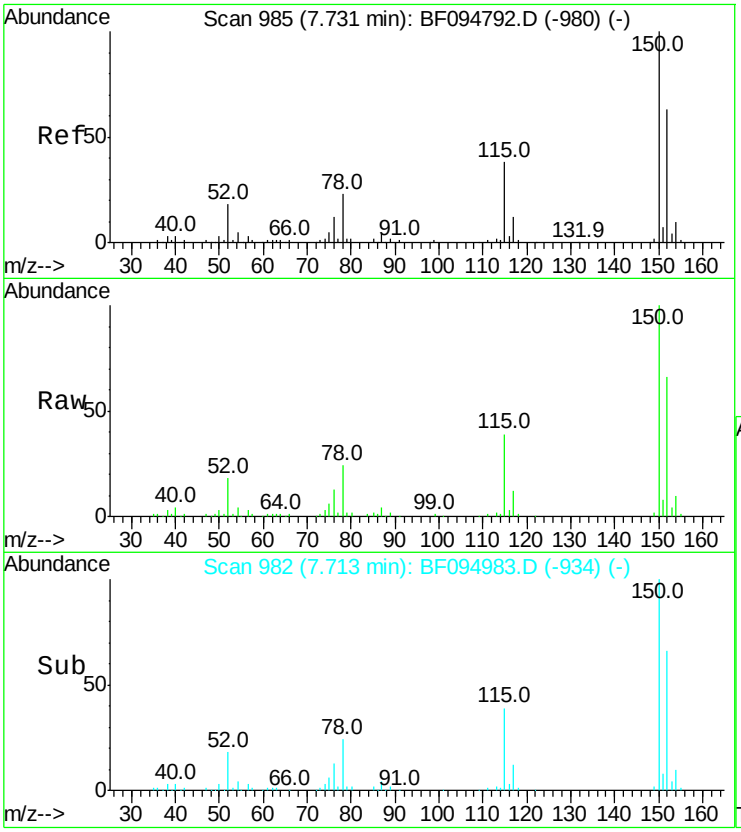
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF094983.D
Acq On : 8 May 2017 16:43
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 08 17:14:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

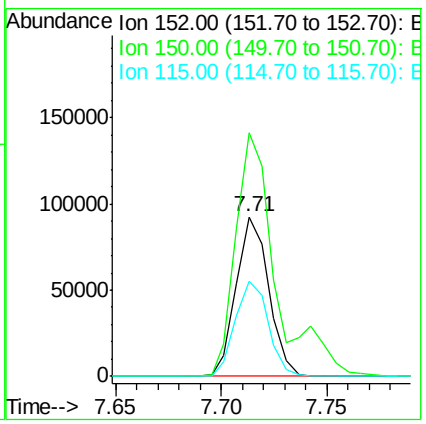




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

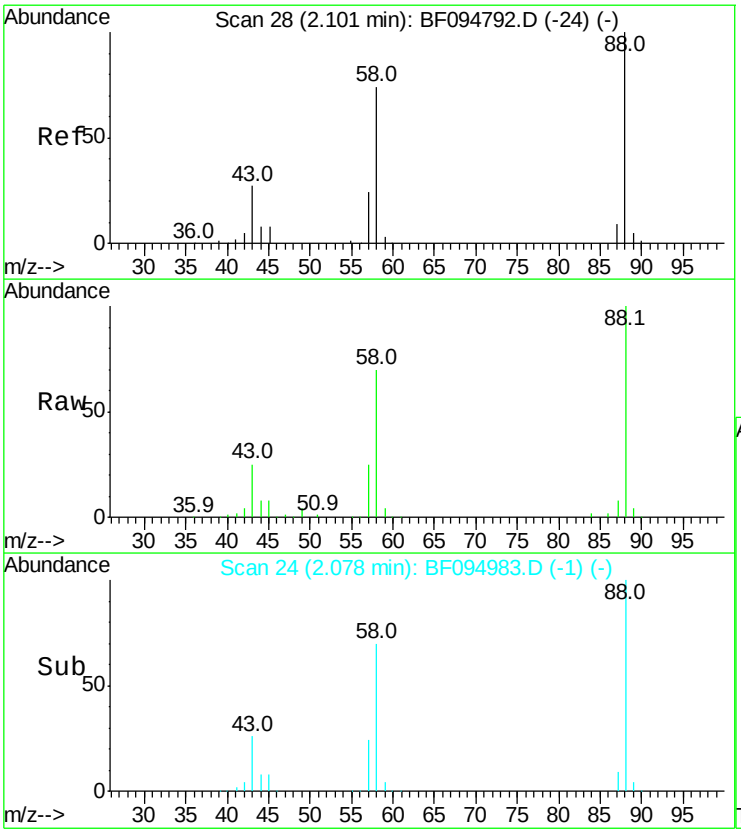
Tgt Ion:152 Resp: 98851

Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.2	189.2
115	60.0	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

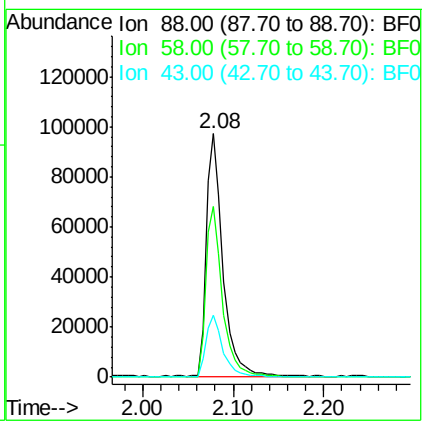
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

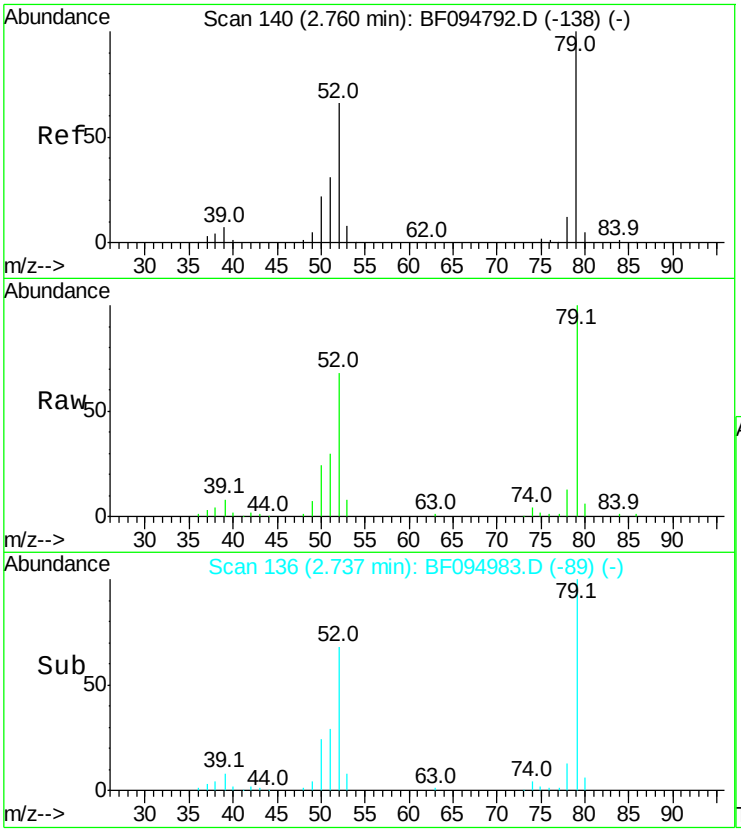


#2
1,4-Dioxane
Concen: 43.66 ng
RT: 2.08 min Scan# 24
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 88 Resp: 126961

Ion	Ratio	Lower	Upper
88	100		
58	69.6	61.4	92.0
43	25.5	23.4	35.0

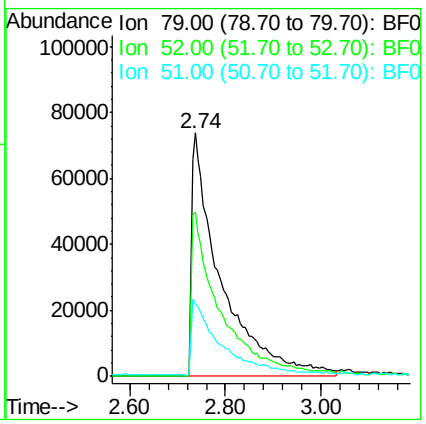




#3
Pyridine
Concen: 46.35 ng
RT: 2.74 min Scan# 136
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

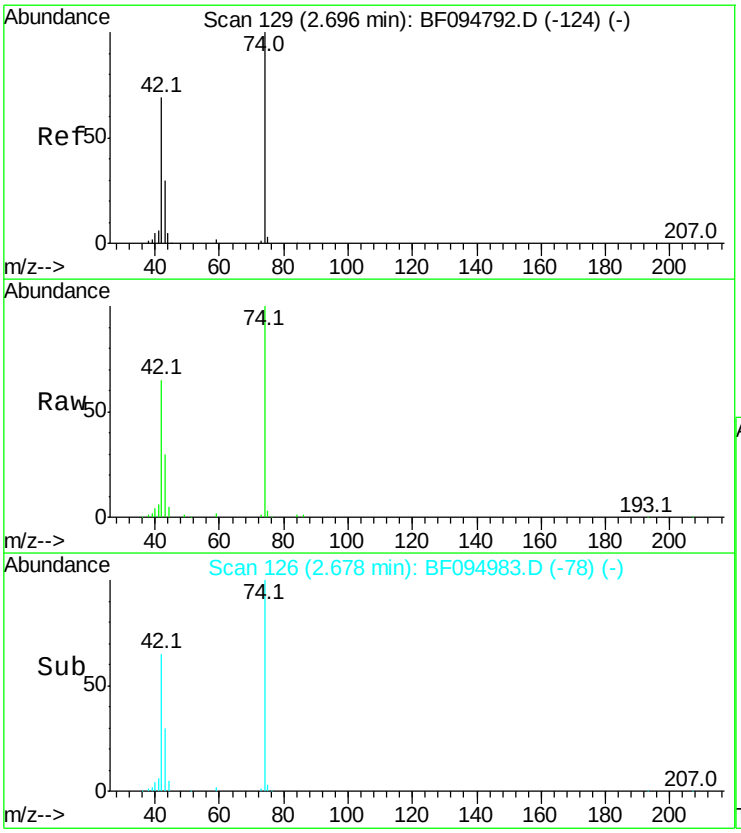
Tgt Ion: 79 Resp: 312397

Ion	Ratio	Lower	Upper
79	100		
52	67.7	54.8	82.2
51	29.8	27.0	40.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

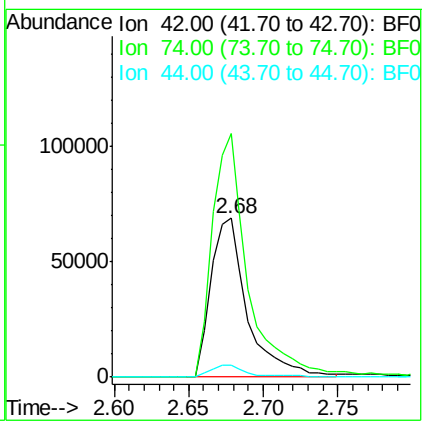
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

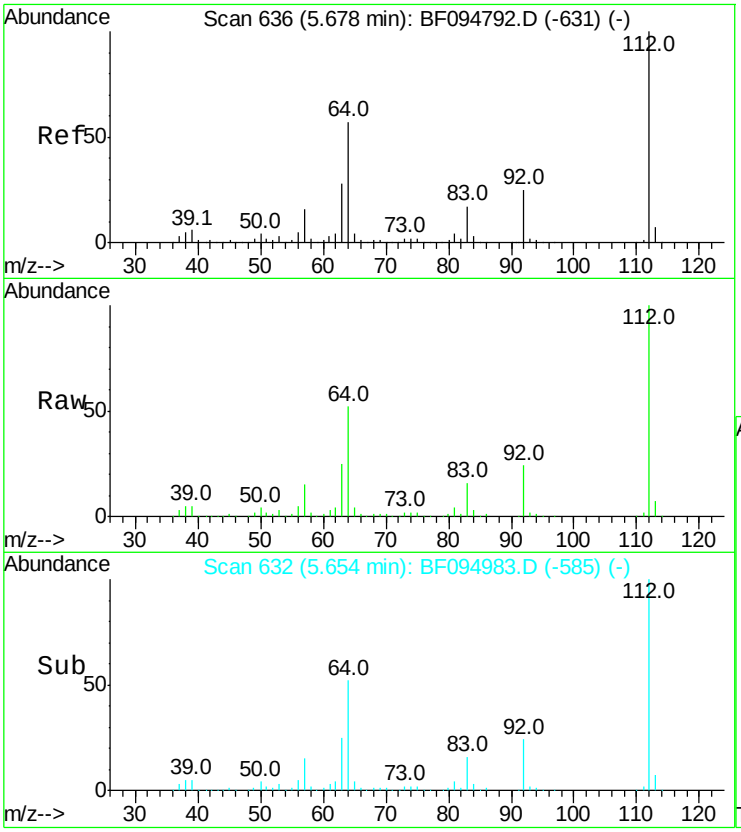


#4
n-Nitrosodimethylamine
Concen: 41.93 ng
RT: 2.68 min Scan# 126
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 42 Resp: 117798

Ion	Ratio	Lower	Upper
42	100		
74	153.2	103.9	155.9
44	7.2	5.7	8.5

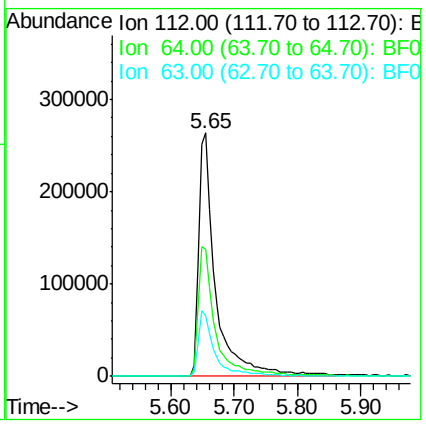




#5
2-Fluorophenol
Concen: 81.81 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

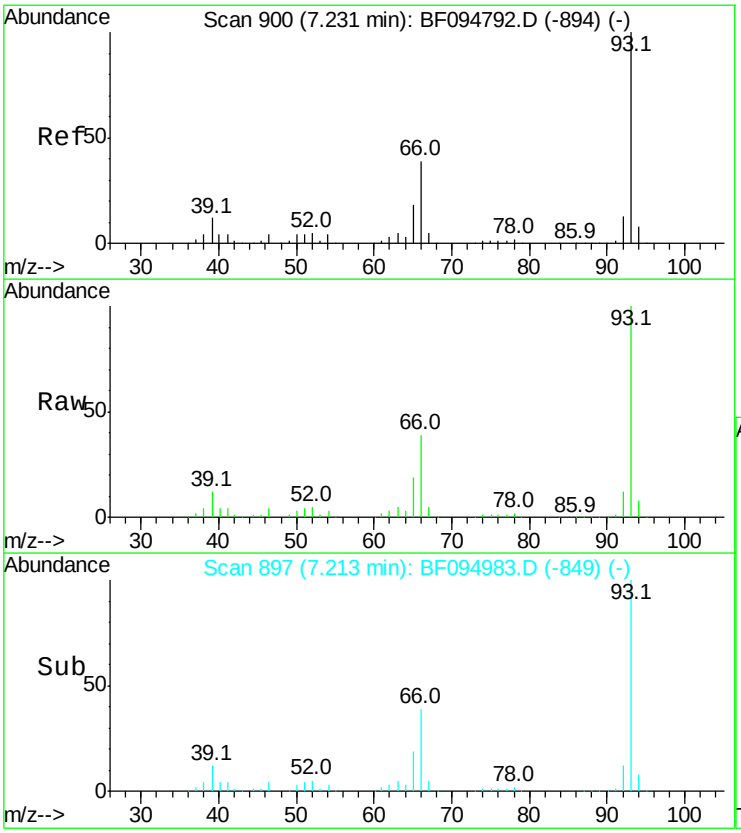
Tgt Ion:112 Resp: 485062

Ion	Ratio	Lower	Upper
112	100		
64	52.2	46.0	69.0
63	24.8	23.4	35.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

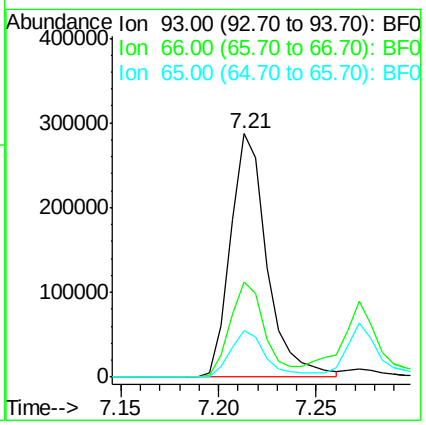
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

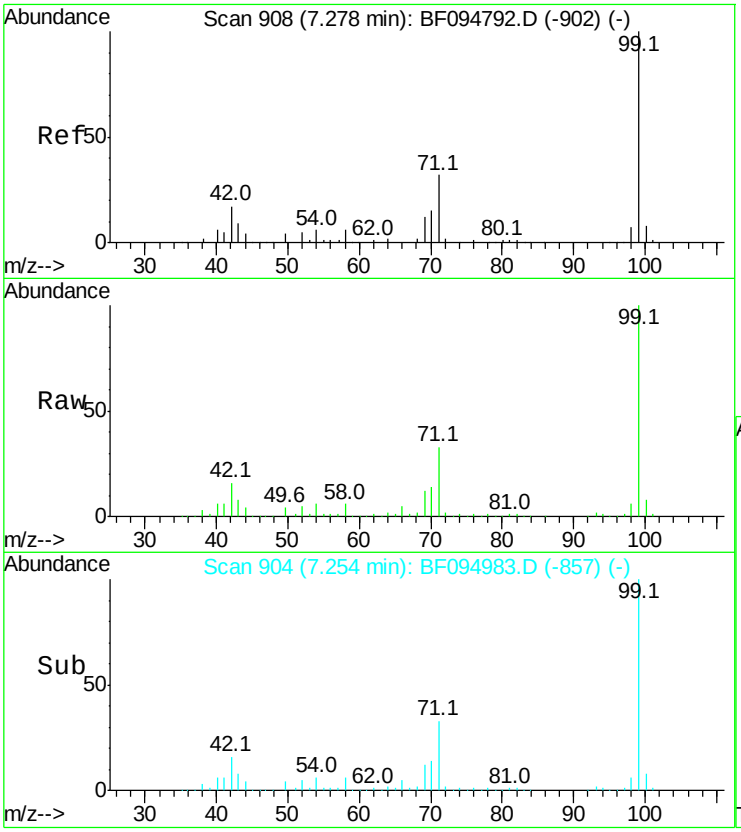


#6
Aniline
Concen: 41.44 ng
RT: 7.21 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 93 Resp: 372210

Ion	Ratio	Lower	Upper
93	100		
66	39.0	32.9	49.3
65	18.9	16.0	24.0

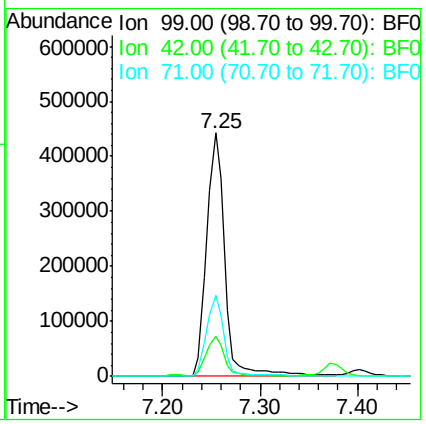




#7
Phenol-d6
Concen: 81.47 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

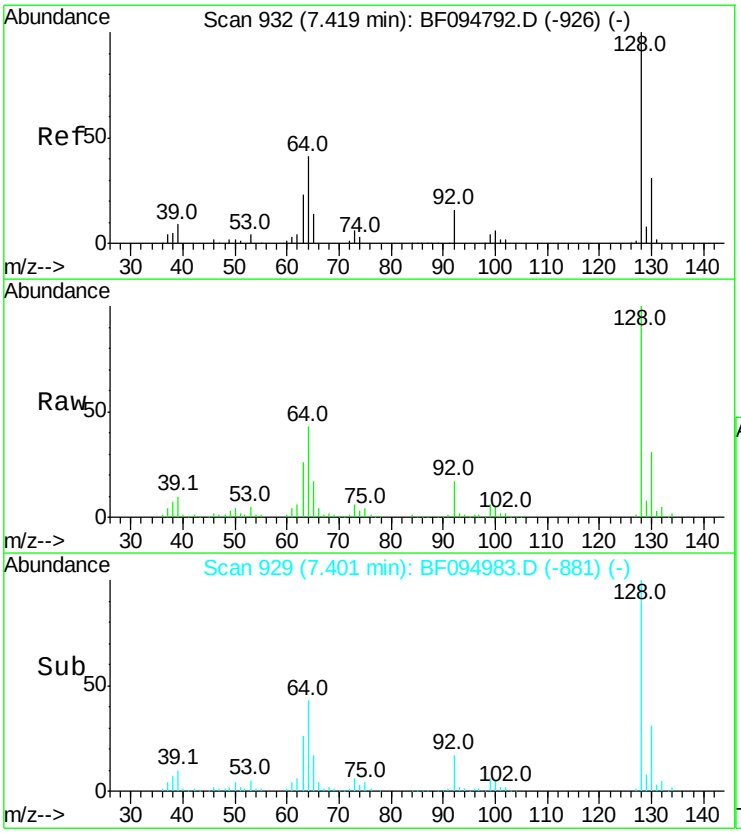
Tgt Ion: 99 Resp: 579557

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.5	20.3
71	33.1	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

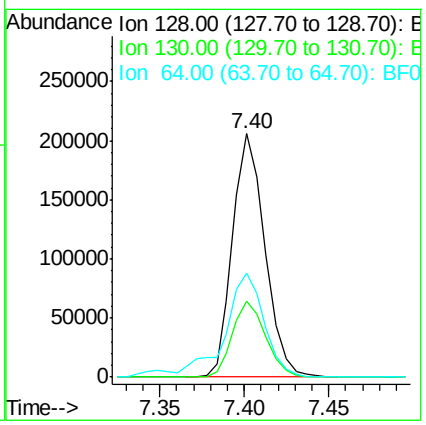
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

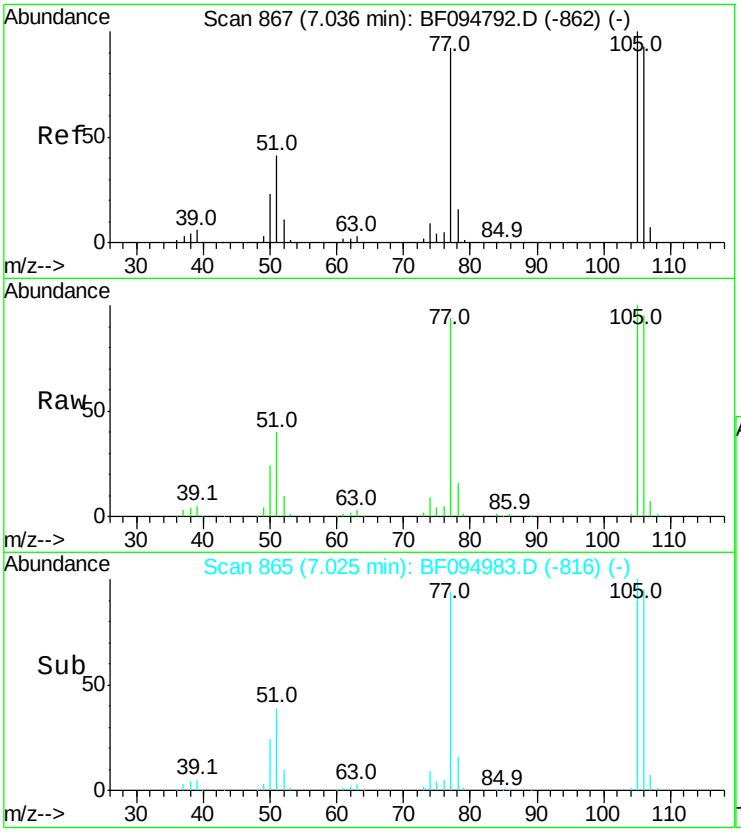


#8
2-Chlorophenol
Concen: 40.64 ng
RT: 7.40 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:128 Resp: 274290

Ion	Ratio	Lower	Upper
128	100		
130	31.4	12.9	52.9
64	42.7	28.4	68.4

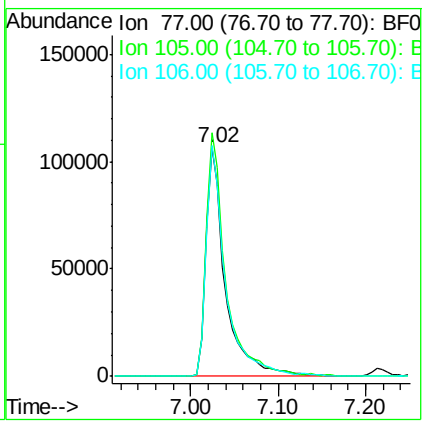




#9
Benzaldehyde
Concen: 37.89 ng
RT: 7.02 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

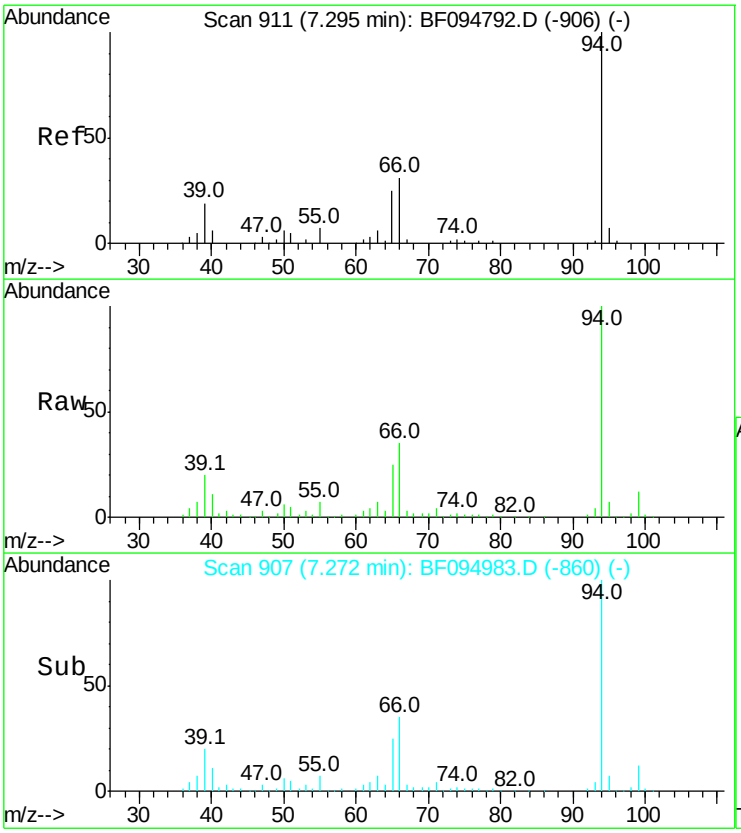
Tgt Ion: 77 Resp: 164595

Ion	Ratio	Lower	Upper
77	100		
105	106.5	83.8	123.8
106	101.1	79.1	119.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

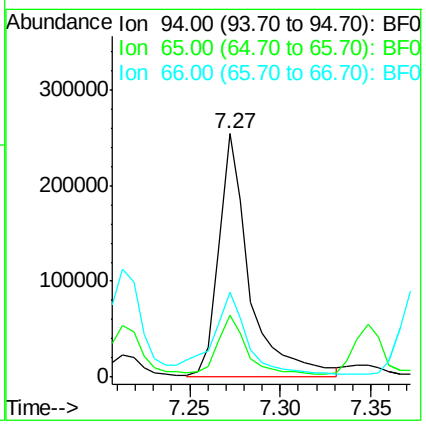
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

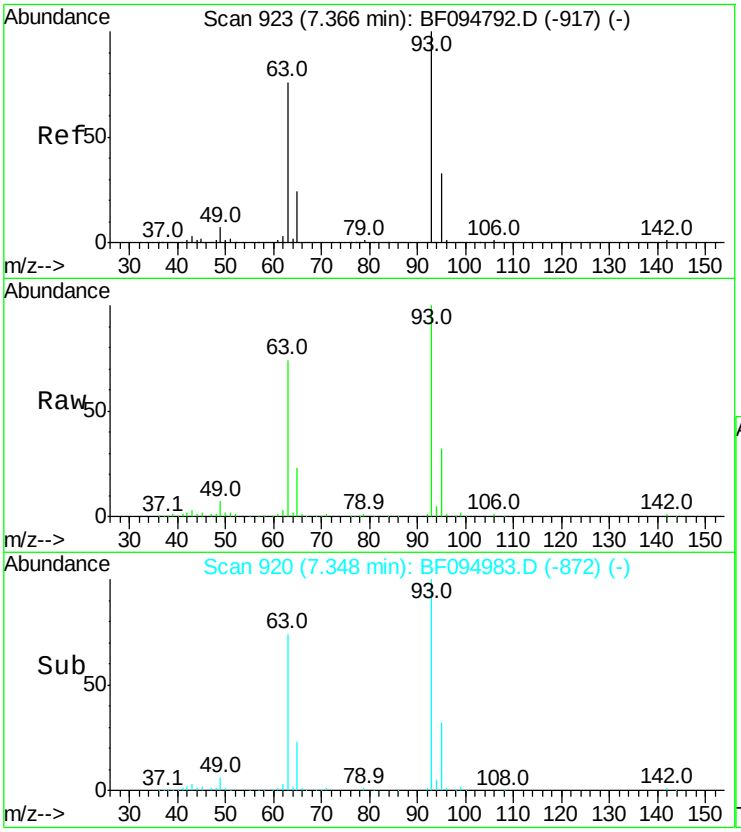


#10
Phenol
Concen: 39.85 ng
RT: 7.27 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 94 Resp: 298758

Ion	Ratio	Lower	Upper
94	100		
65	25.3	9.9	49.9
66	35.0	23.1	63.1

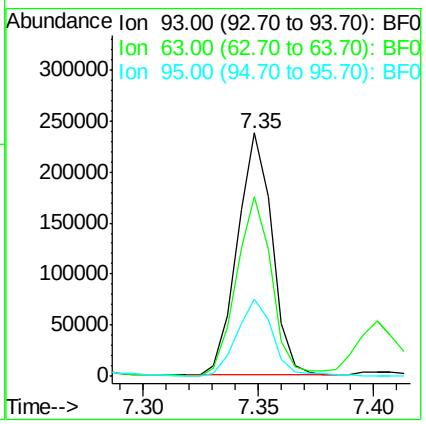




#11
bis(2-Chloroethyl)ether
Concen: 40.28 ng
RT: 7.35 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

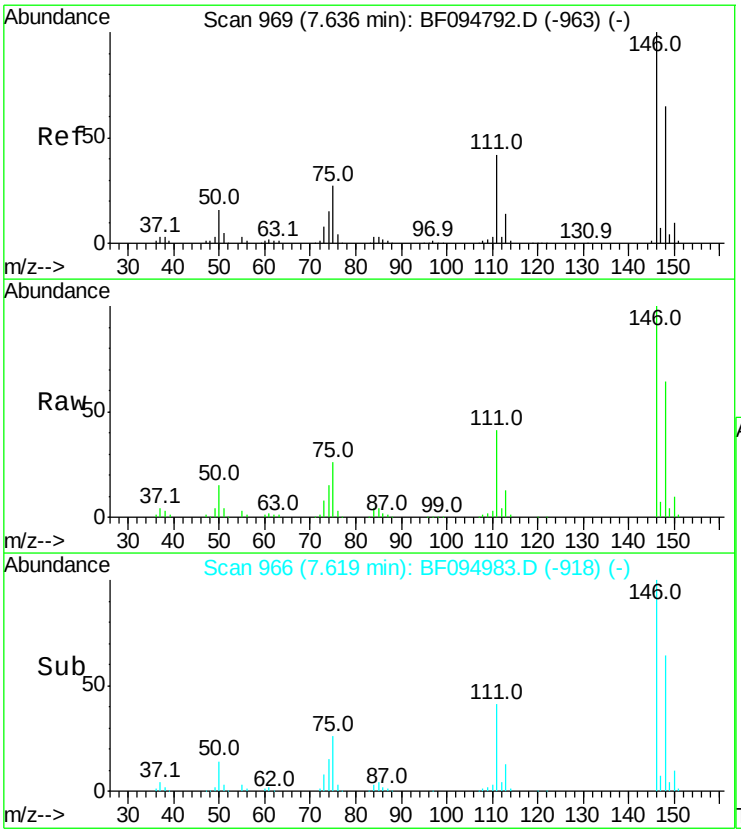
Tgt Ion: 93 Resp: 249286

Ion	Ratio	Lower	Upper
93	100		
63	73.7	59.2	99.2
95	32.0	12.8	52.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

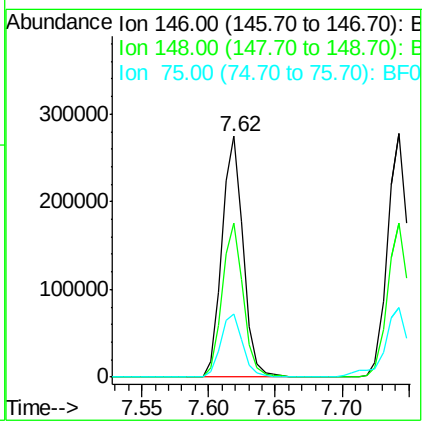
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

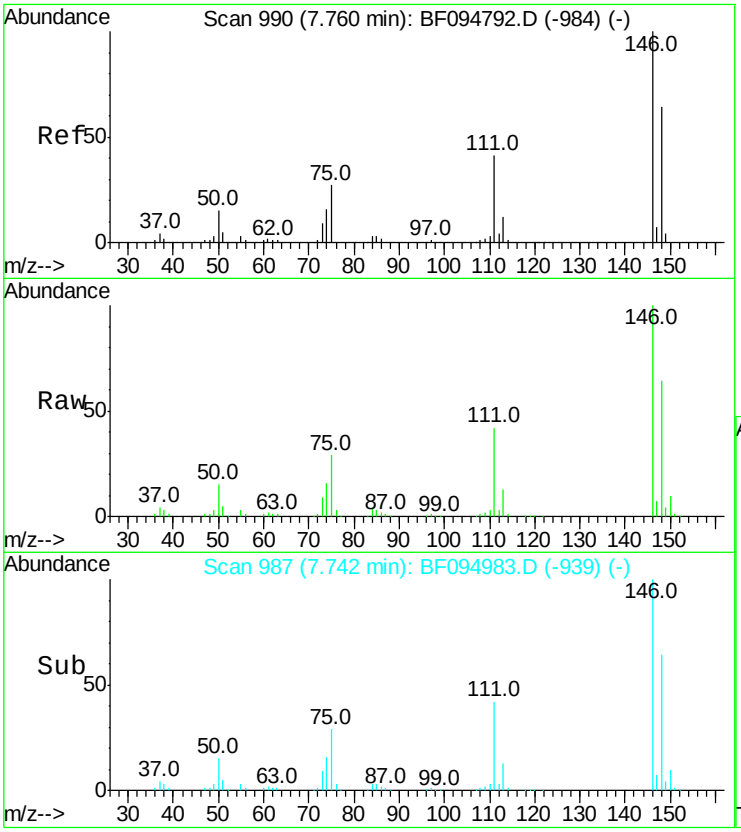


#12
1,3-Dichlorobenzene
Concen: 40.46 ng
RT: 7.62 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:146 Resp: 309709

Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	26.1	23.1	34.7

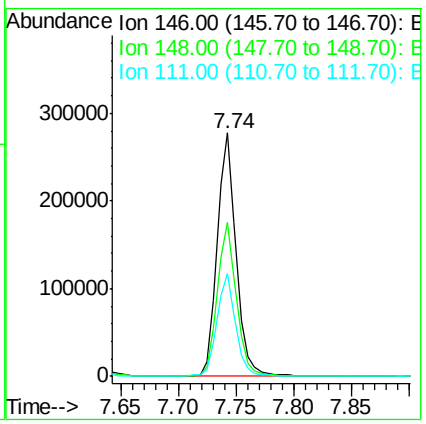




#13
1,4-Dichlorobenzene
Concen: 40.52 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

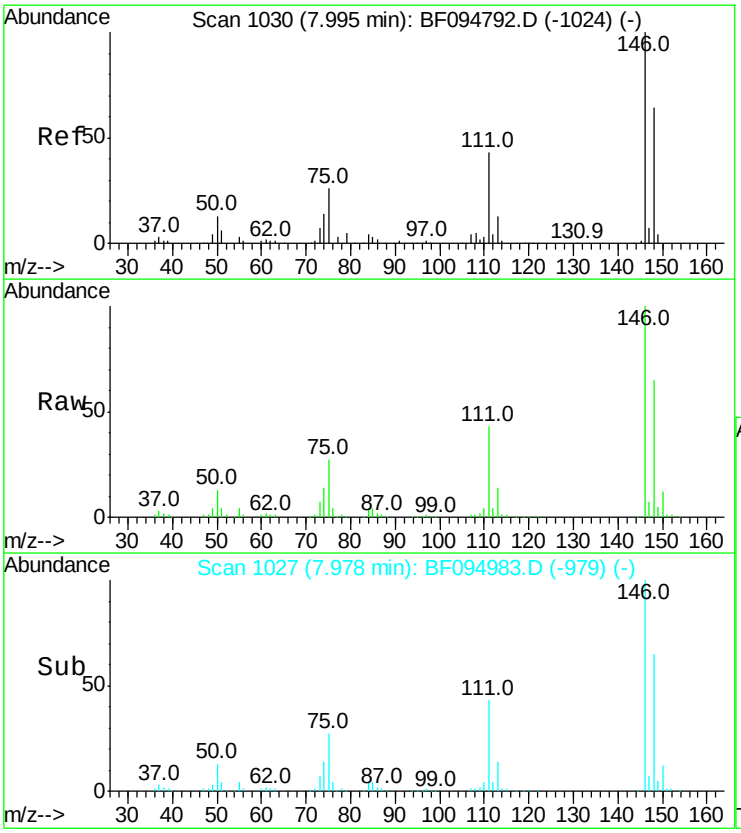
Tgt Ion:146 Resp: 314579

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	42.1	30.3	45.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

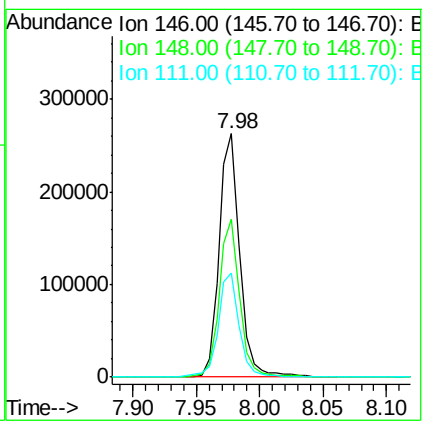
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

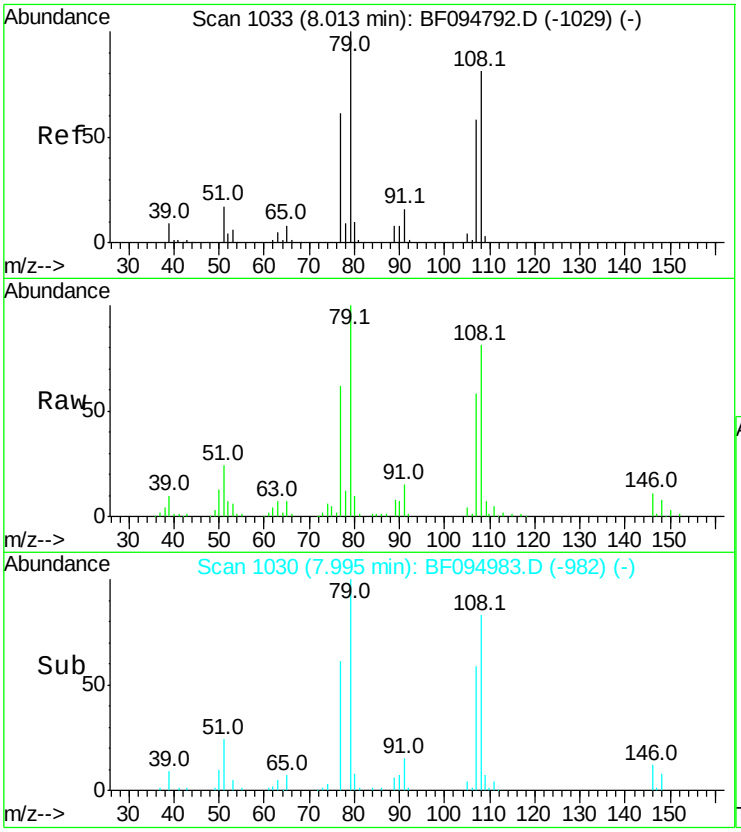


#14
1,2-Dichlorobenzene
Concen: 41.09 ng
RT: 7.98 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:146 Resp: 297735

Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.4	75.6
111	43.0	38.2	57.4

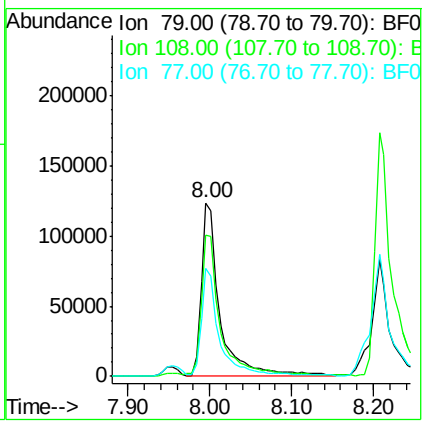




#15
Benzyl Alcohol
Concen: 42.38 ng
RT: 8.00 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

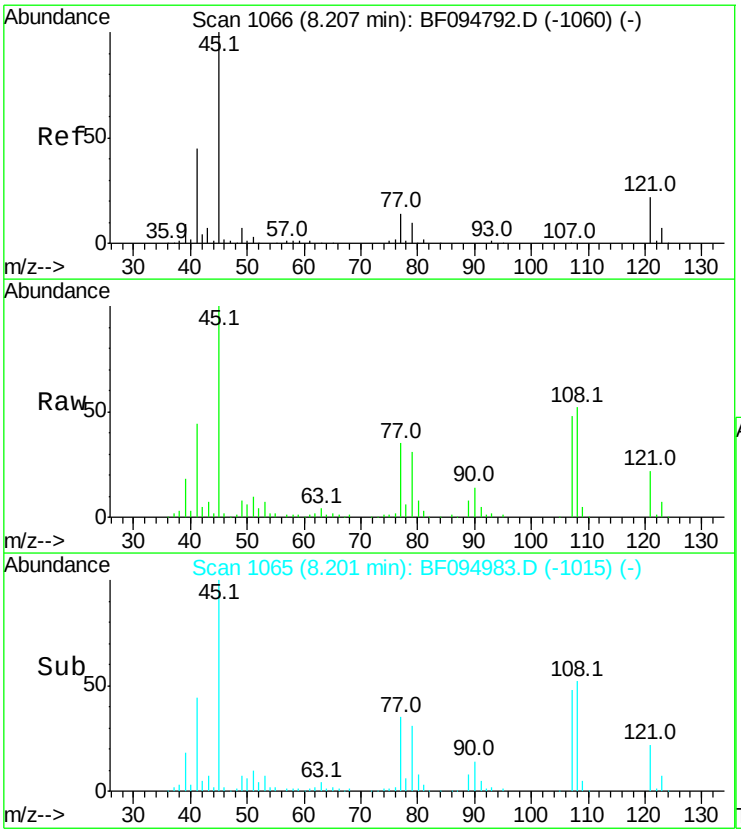
Tgt Ion: 79 Resp: 193934

Ion	Ratio	Lower	Upper
79	100		
108	81.3	63.4	95.0
77	62.0	49.2	73.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

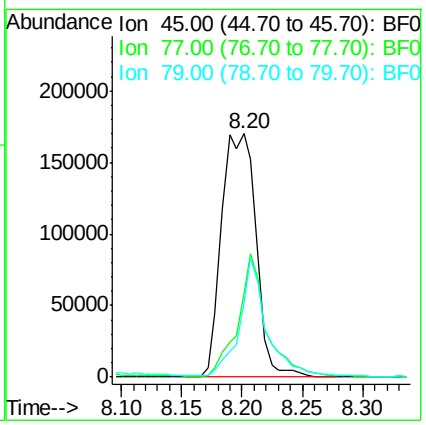
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

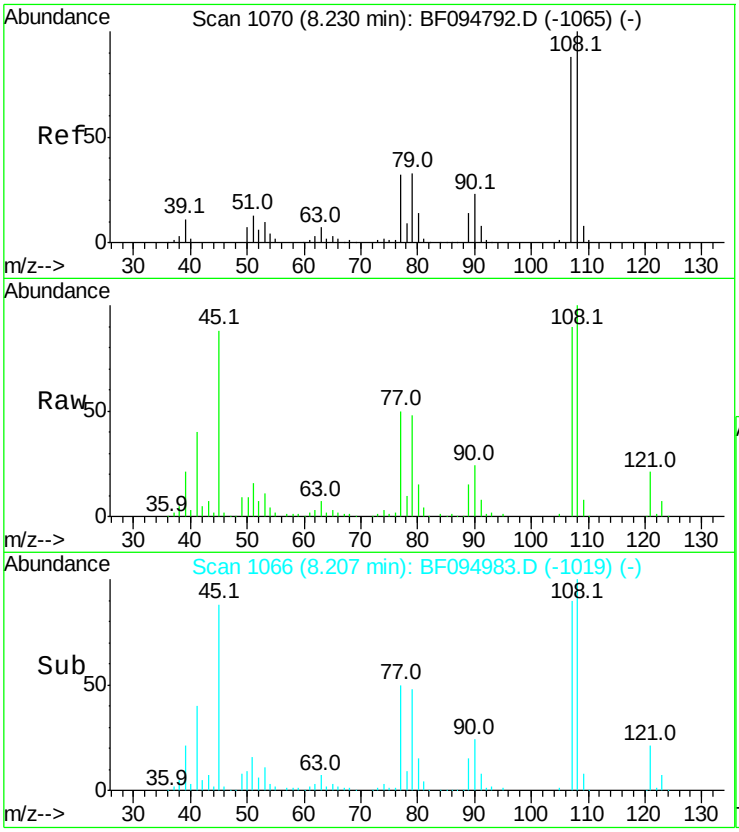


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.60 ng
RT: 8.20 min Scan# 1065
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 45 Resp: 338133

Ion	Ratio	Lower	Upper
45	100		
77	34.5	0.0	33.2#
79	30.6	0.0	30.0#

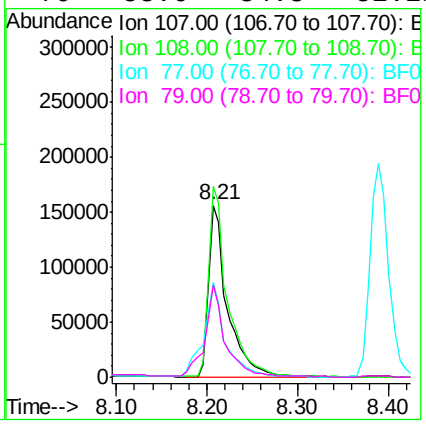




#17
2-Methylphenol
Concen: 41.23 ng
RT: 8.21 min Scan# 1066
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

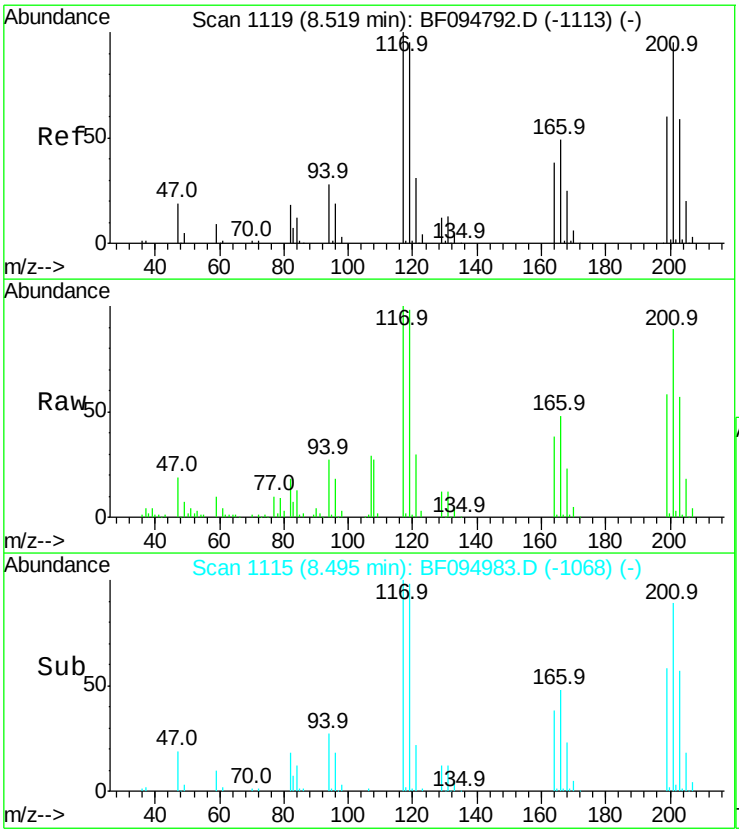
Tgt Ion:107 Resp: 227726

Ion	Ratio	Lower	Upper
107	100		
108	111.3	93.4	140.0
77	55.5	35.8	53.6#
79	53.6	34.8	52.2#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

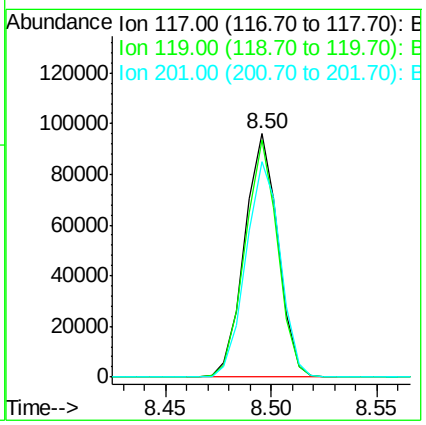
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

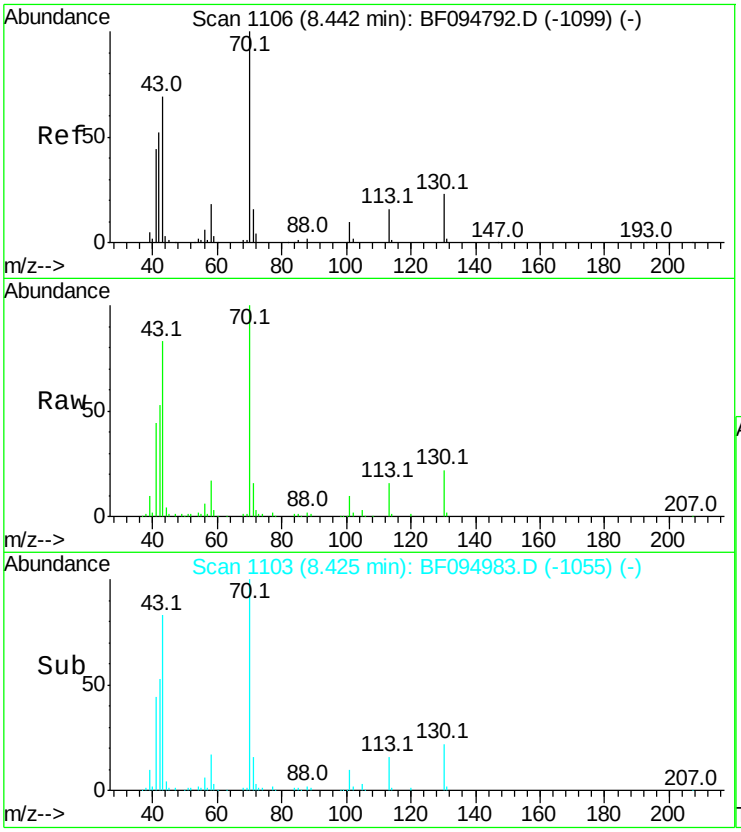


#18
Hexachloroethane
Concen: 40.16 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:117 Resp: 105625

Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.4	116.0
201	88.6	94.6	141.8#

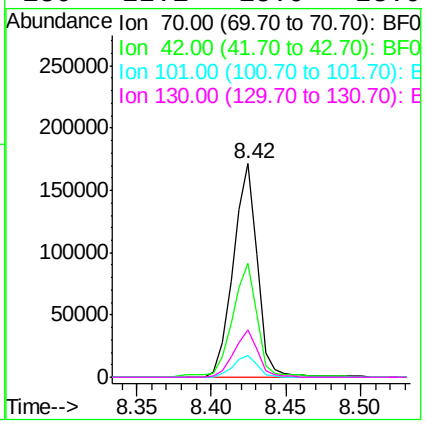




#19
n-Nitroso-di-n-propylamine
Concen: 40.47 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

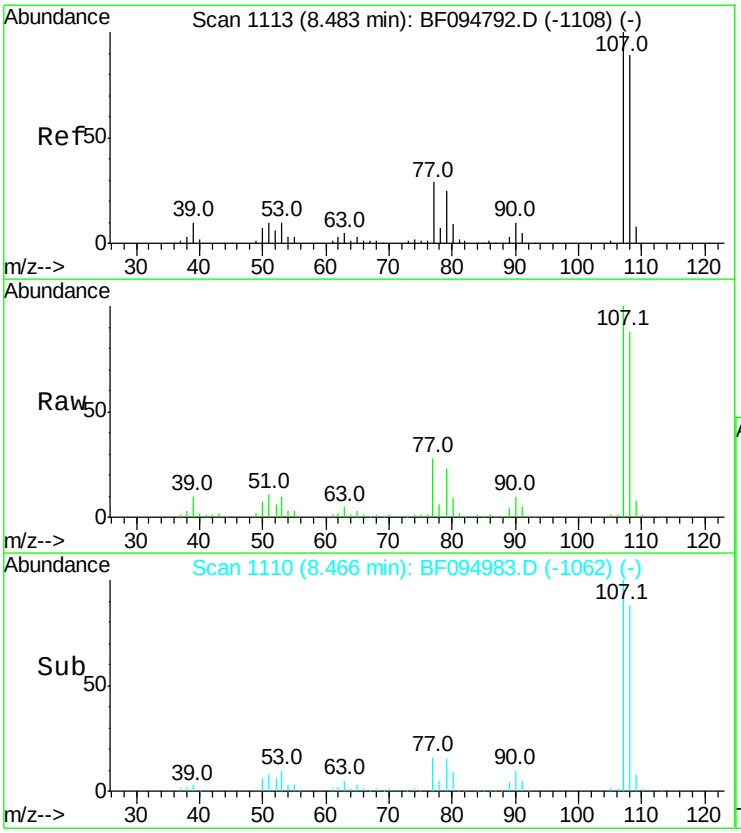
Tgt Ion: 70 Resp: 194734

Ion	Ratio	Lower	Upper
70	100		
42	53.1	47.2	70.8
101	10.0	7.2	10.8
130	22.1	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

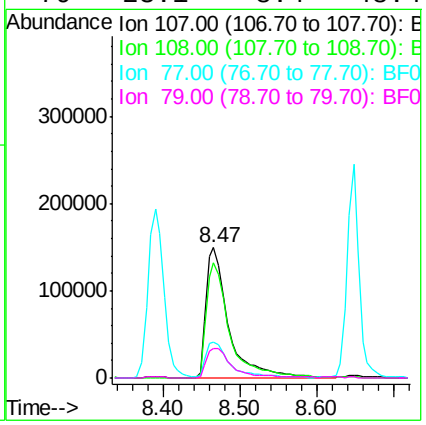
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

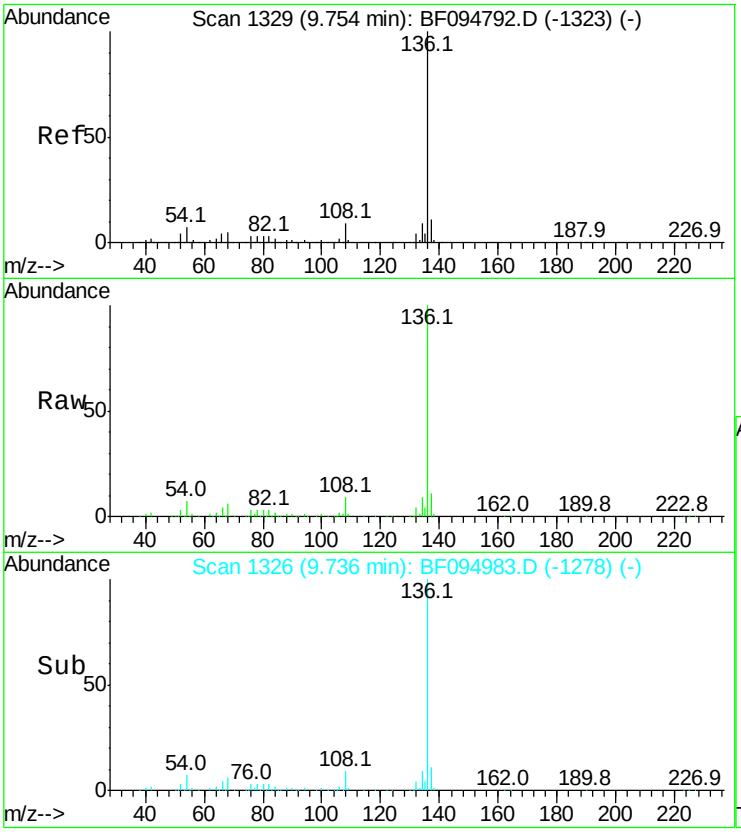


#20
3+4-Methylphenols
Concen: 40.73 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:107 Resp: 305699

Ion	Ratio	Lower	Upper
107	100		
108	88.4	71.0	111.0
77	27.6	90.5	130.5#
79	23.1	8.4	48.4

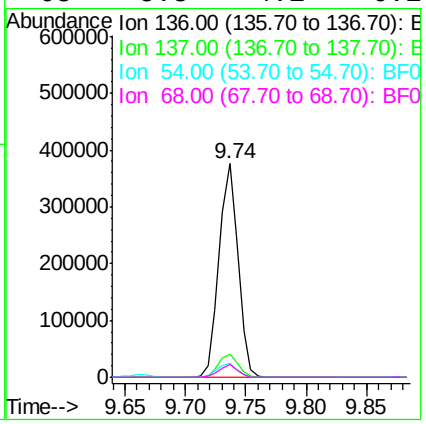




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

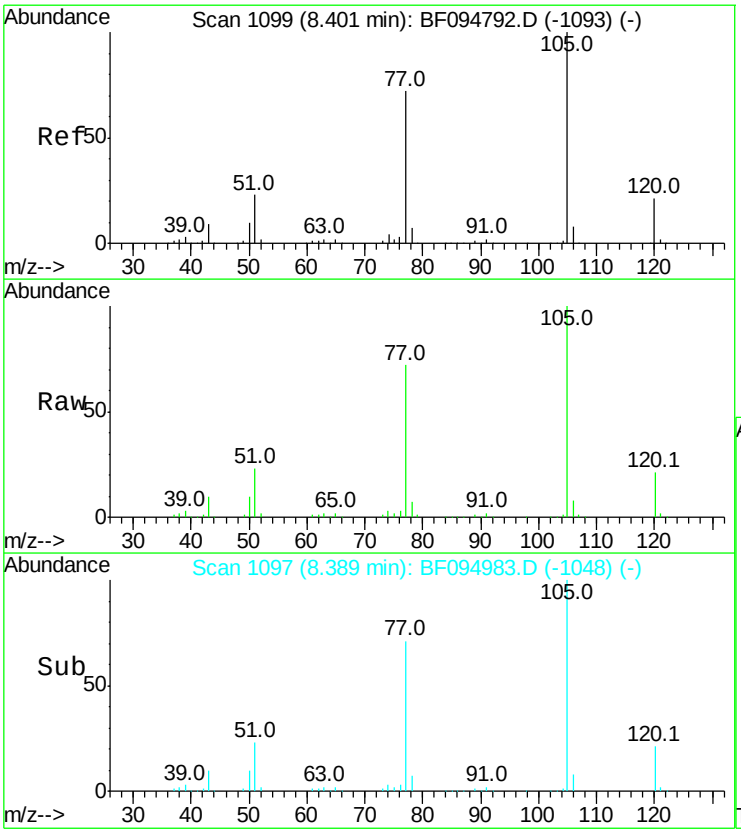
Tgt Ion:136 Resp: 409481

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.8	4.9	7.3
68	5.8	4.1	6.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

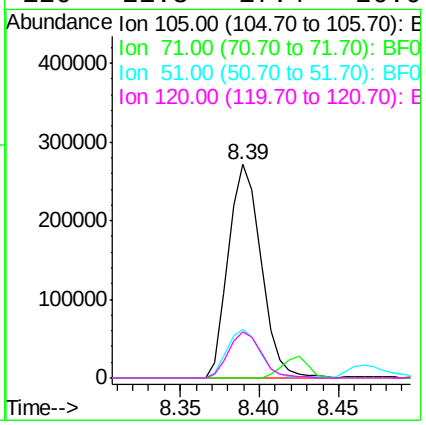
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

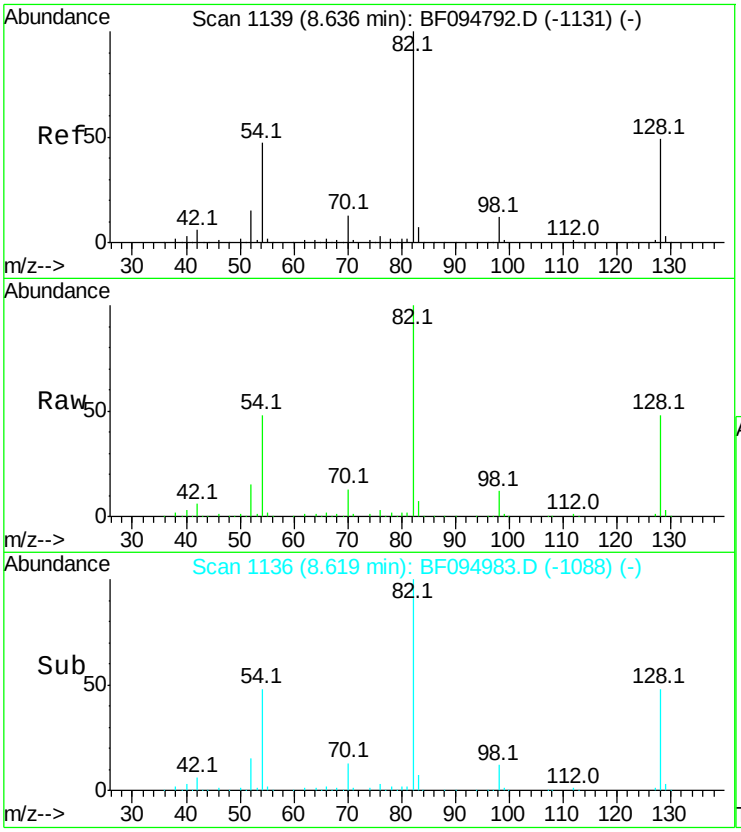


#22
Acetophenone
Concen: 39.80 ng
RT: 8.39 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:105 Resp: 391017

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	22.8	30.7	46.1#
120	21.3	17.4	26.0

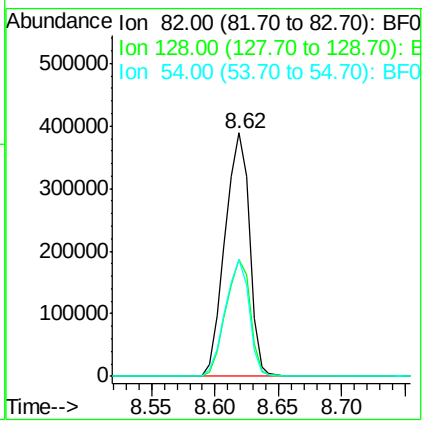




#23
Nitrobenzene-d5
Concen: 80.09 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

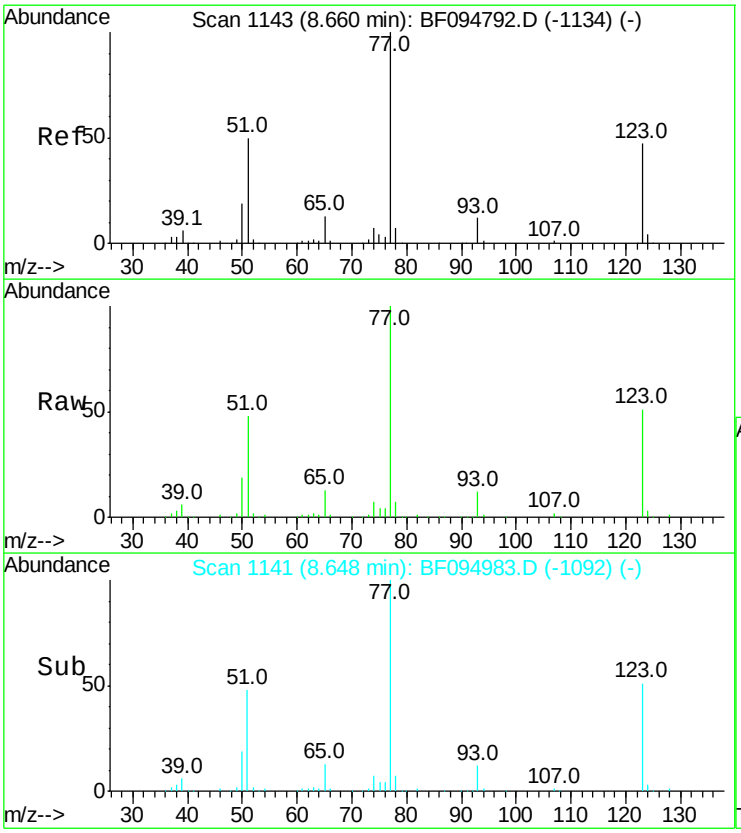
Tgt Ion: 82 Resp: 520052

Ion	Ratio	Lower	Upper
82	100		
128	47.9	34.0	51.0
54	47.9	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

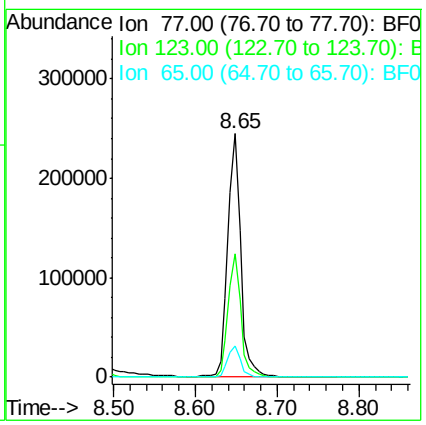
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

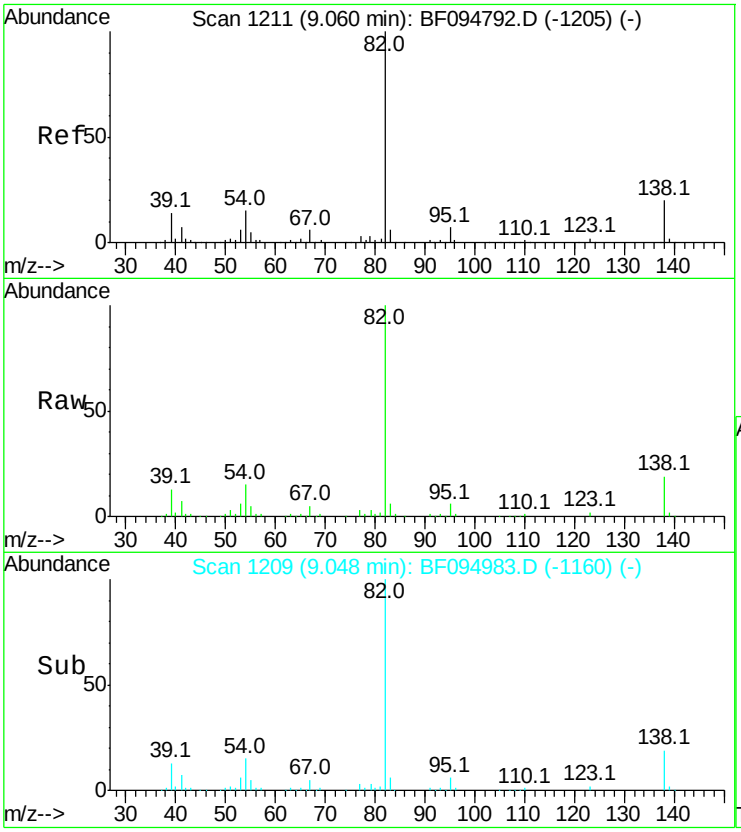


#24
Nitrobenzene
Concen: 40.03 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 77 Resp: 272480

Ion	Ratio	Lower	Upper
77	100		
123	50.5	35.8	53.8
65	12.7	10.6	15.8

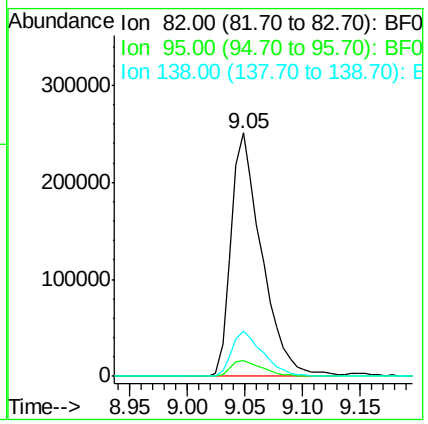




#25
Isophorone
Concen: 40.04 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

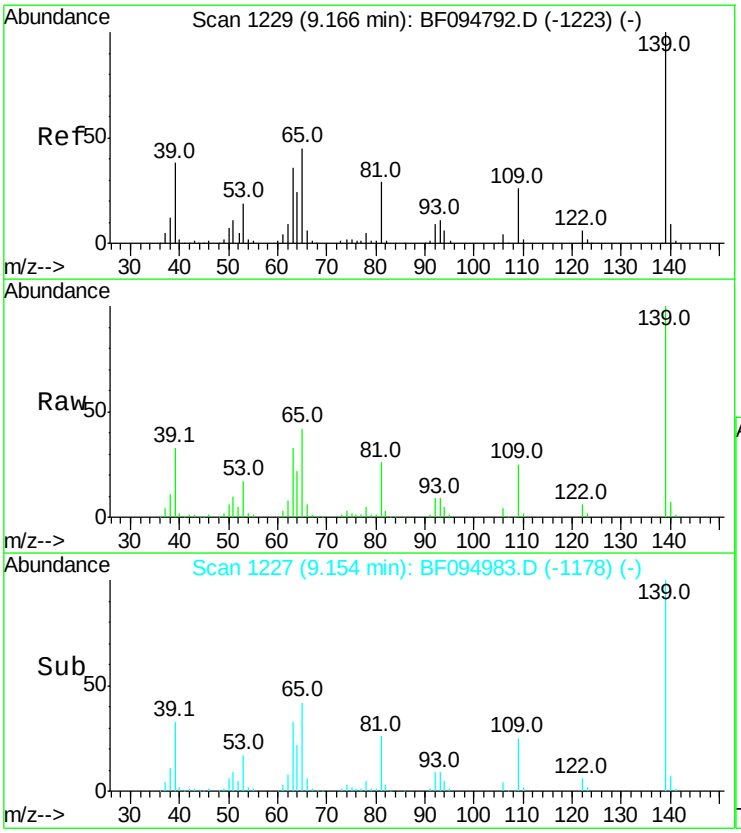
Tgt Ion: 82 Resp: 464310

Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.3	7.9
138	18.6	13.1	19.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

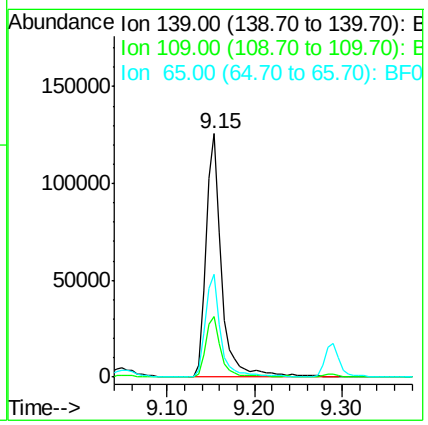
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

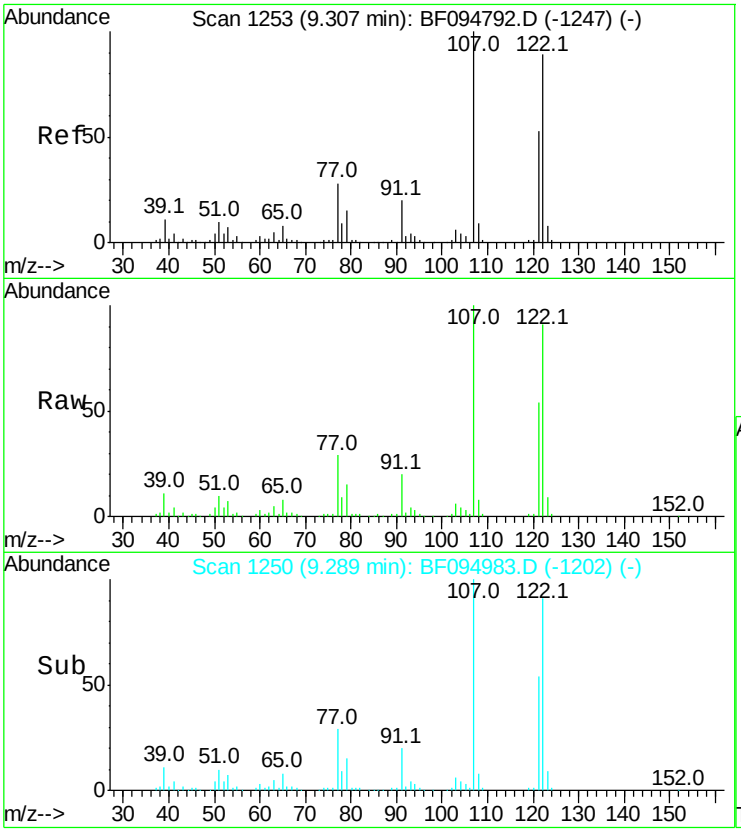


#26
2-Nitrophenol
Concen: 42.28 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:139 Resp: 155281

Ion	Ratio	Lower	Upper
139	100		
109	24.9	21.0	31.6
65	42.3	33.0	49.6

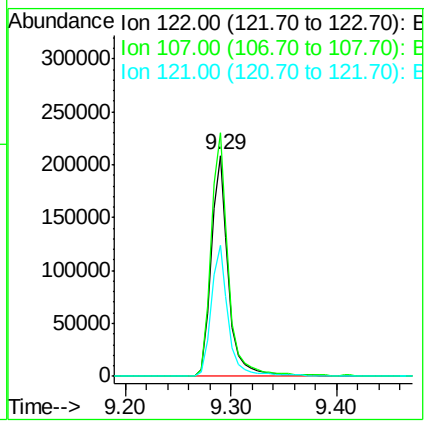




#27
2,4-Dimethylphenol
Concen: 40.16 ng
RT: 9.29 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

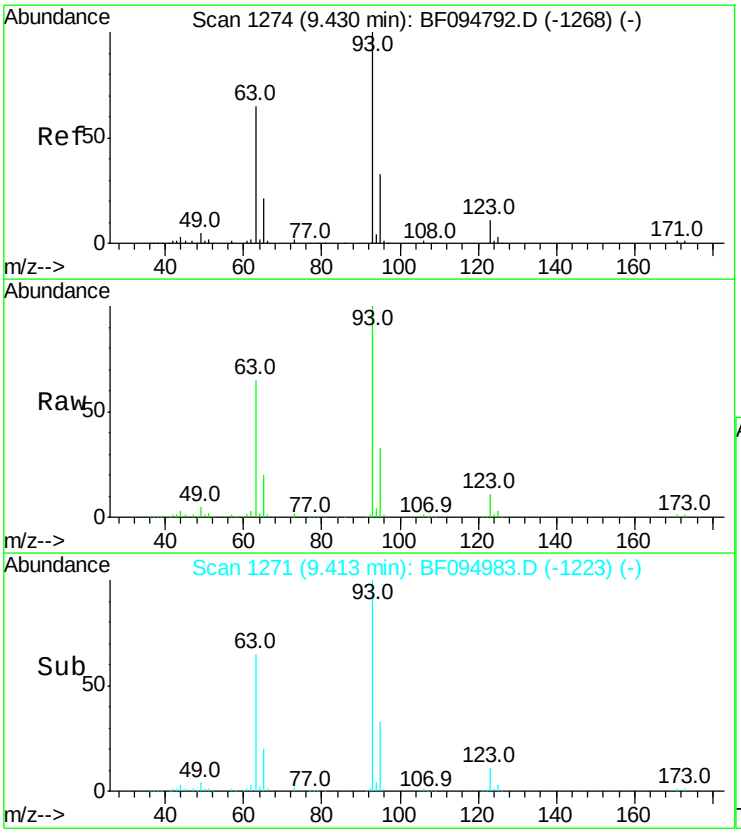
Tgt Ion:122 Resp: 238447

Ion	Ratio	Lower	Upper
122	100		
107	110.1	89.2	133.8
121	59.4	45.2	67.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

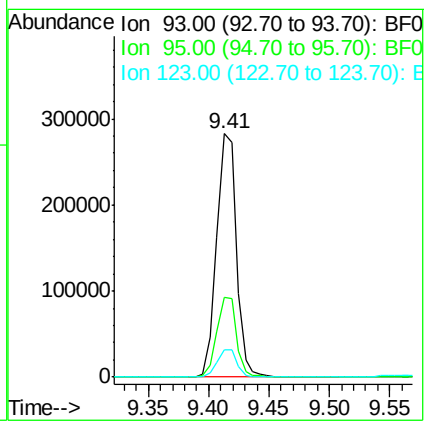
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

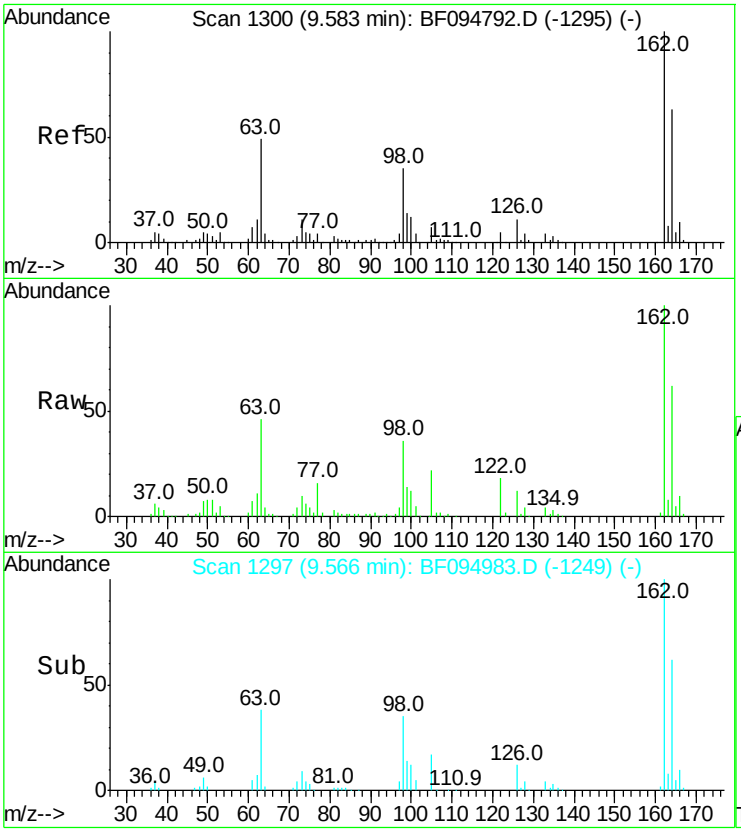


#28
bis(2-Chloroethoxy)methane
Concen: 39.77 ng
RT: 9.41 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 93 Resp: 318987

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.3	9.0	13.4

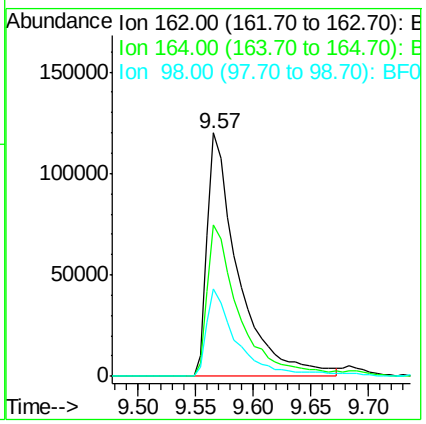




#29
2,4-Dichlorophenol
Concen: 40.28 ng
RT: 9.57 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

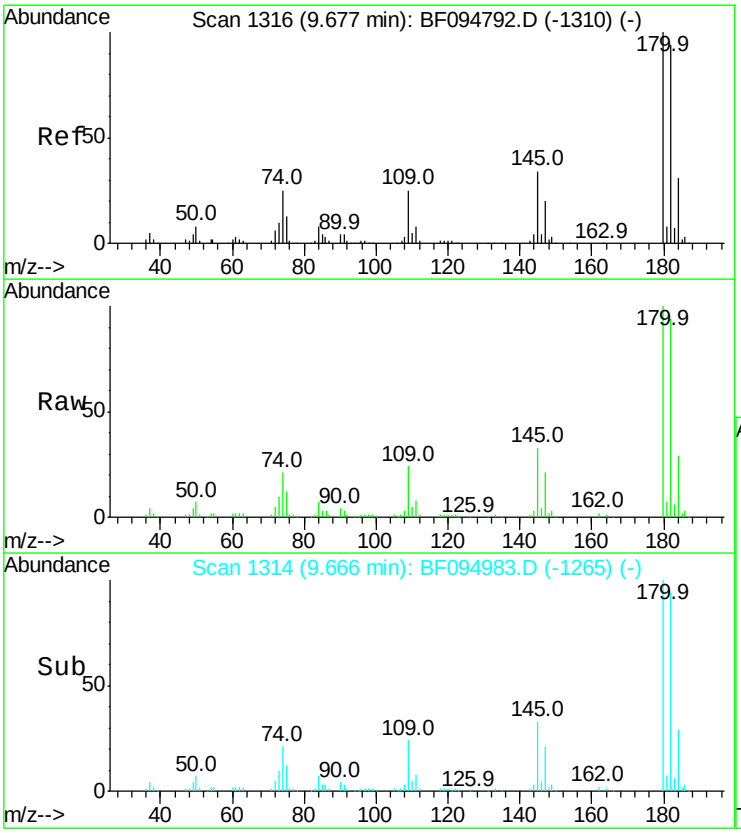
Tgt Ion:162 Resp: 225823

Ion	Ratio	Lower	Upper
162	100		
164	62.0	44.6	84.6
98	35.8	14.8	54.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

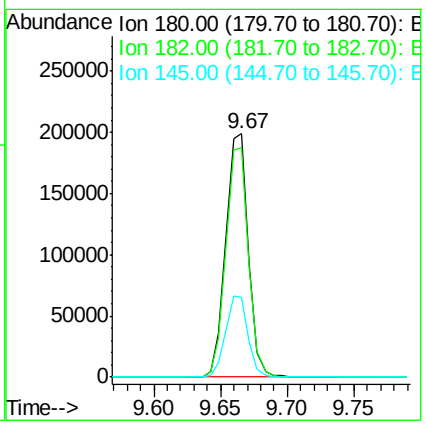
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

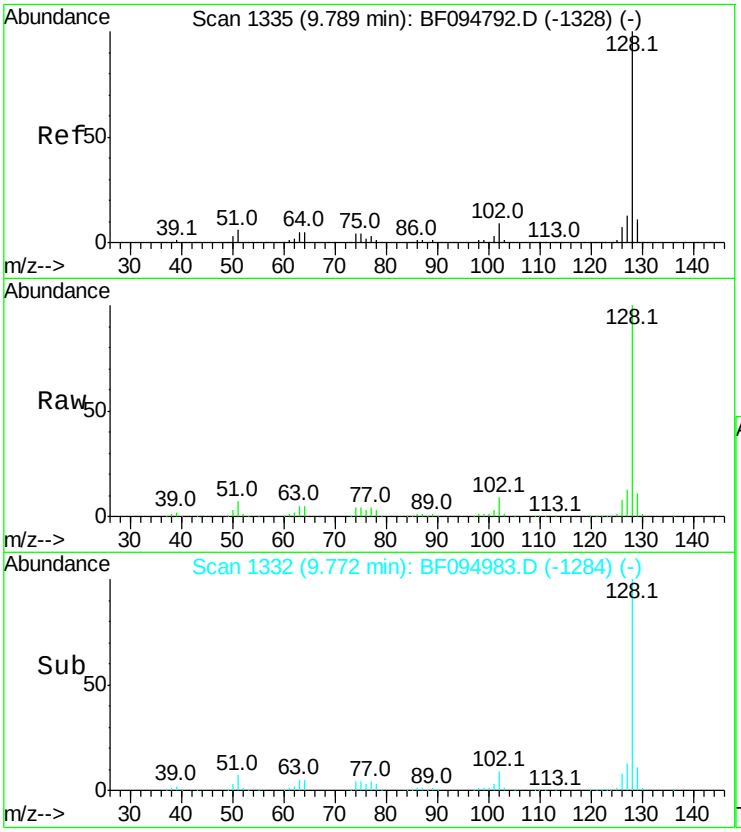


#30
1,2,4-Trichlorobenzene
Concen: 39.52 ng
RT: 9.67 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:180 Resp: 237414

Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	32.9	25.3	37.9

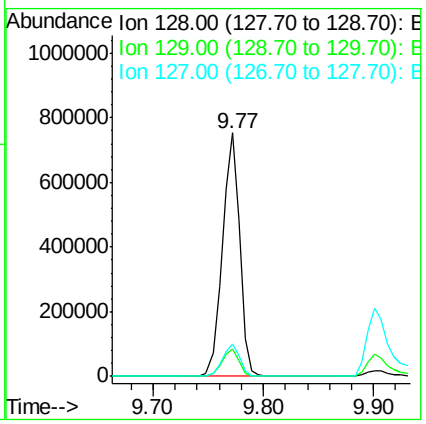




#31
Naphthalene
Concen: 39.96 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

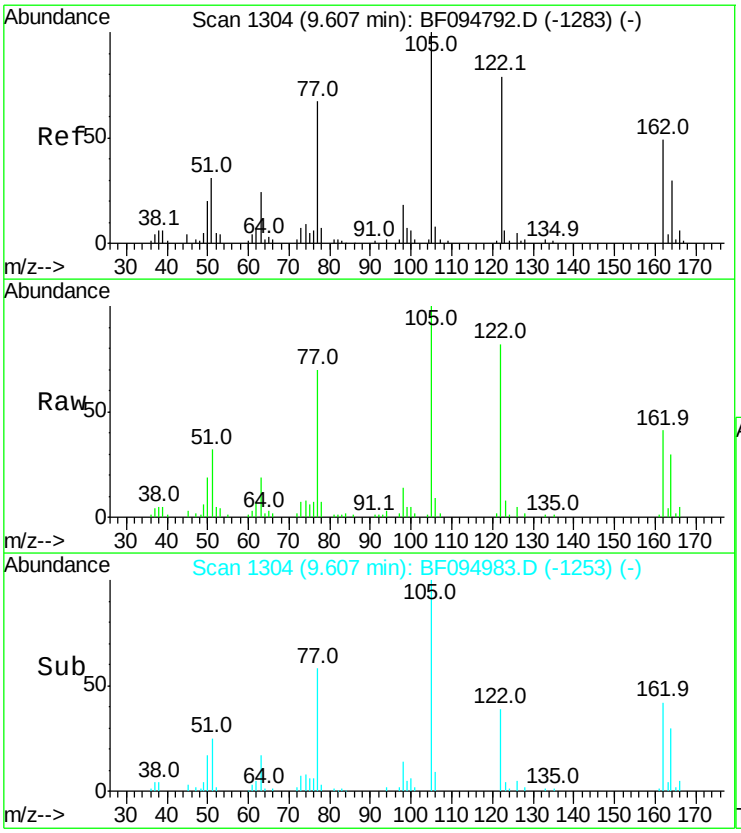
Tgt Ion:128 Resp: 822460

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

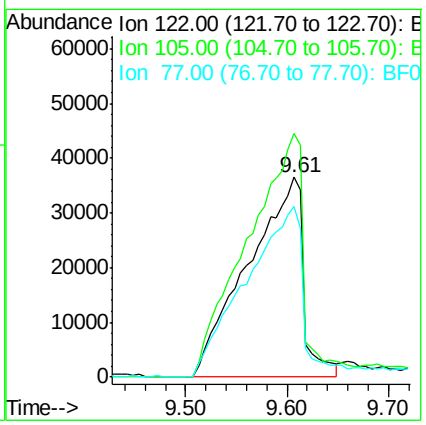
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

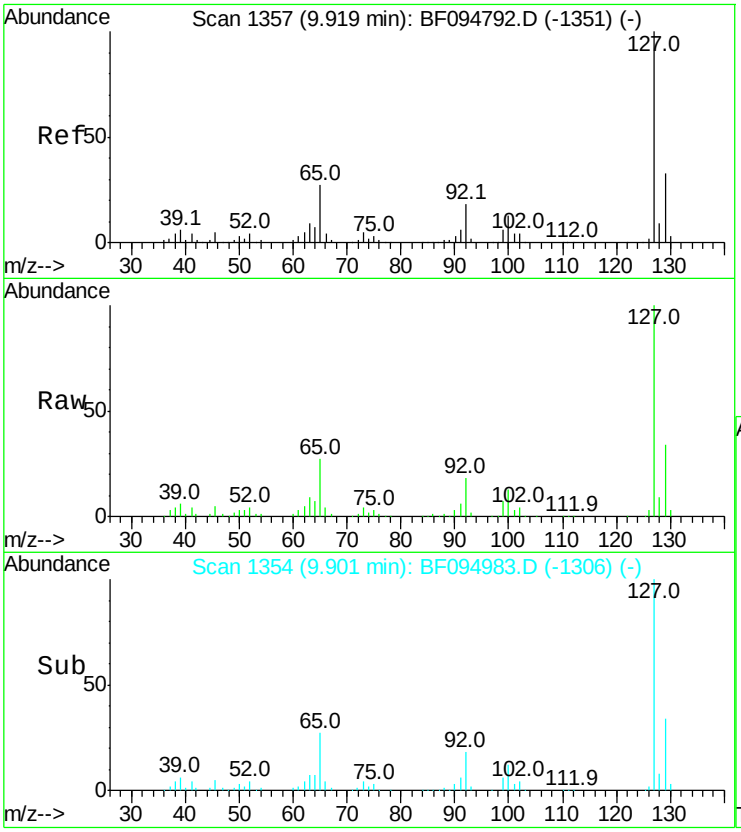


#32
Benzoic acid
Concen: 37.05 ng
RT: 9.61 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:122 Resp: 139414

Ion	Ratio	Lower	Upper
122	100		
105	122.1	103.3	143.3
77	85.5	73.7	113.7

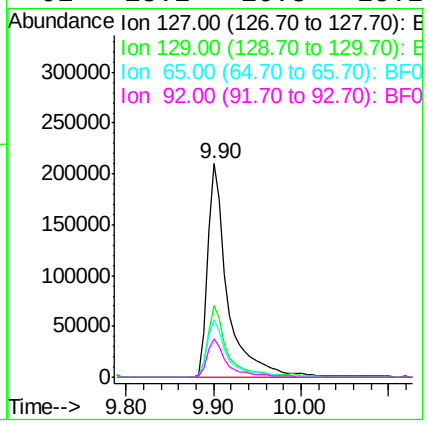




#33
4-Chloroaniline
Concen: 43.67 ng
RT: 9.90 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

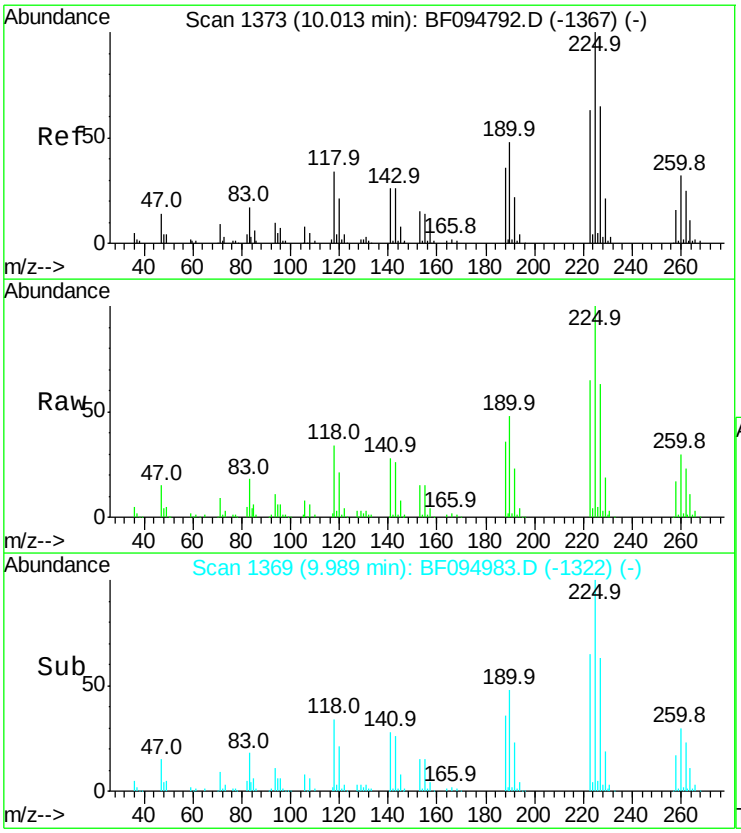
Tgt Ion:127 Resp: 334895

Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	26.9	27.8	41.8#
92	18.2	16.8	25.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

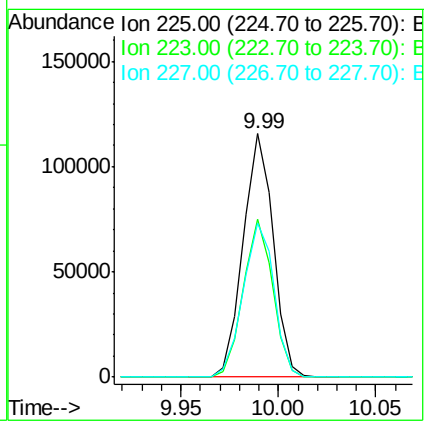
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

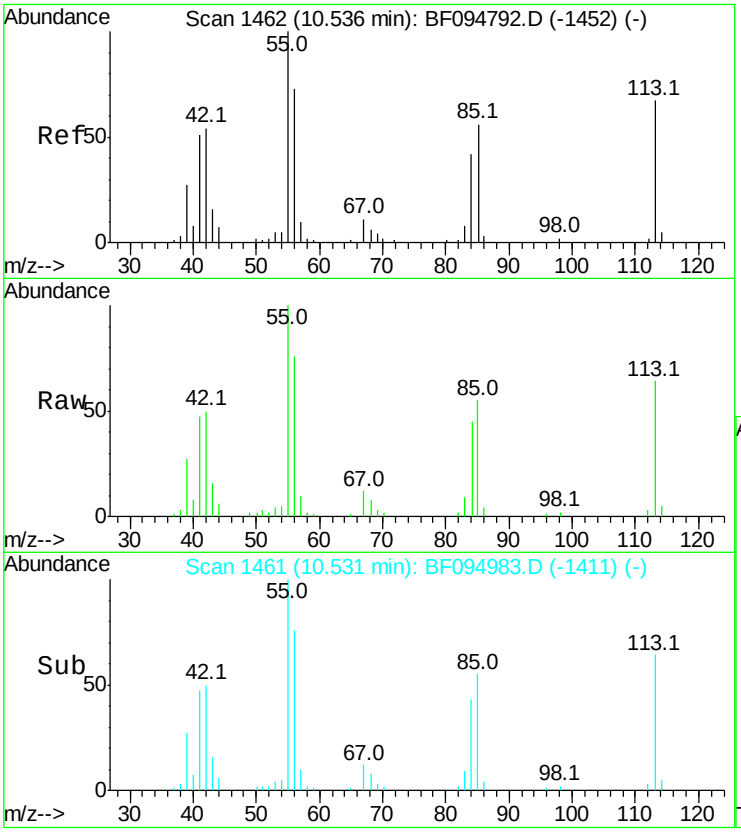


#34
Hexachlorobutadiene
Concen: 39.02 ng
RT: 9.99 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:225 Resp: 123690

Ion	Ratio	Lower	Upper
225	100		
223	64.6	48.8	73.2
227	63.5	51.1	76.7

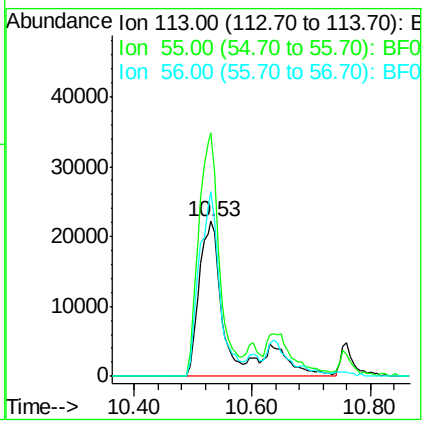




#35
Caprolactam
Concen: 43.82 ng m
RT: 10.53 min Scan# 1461
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

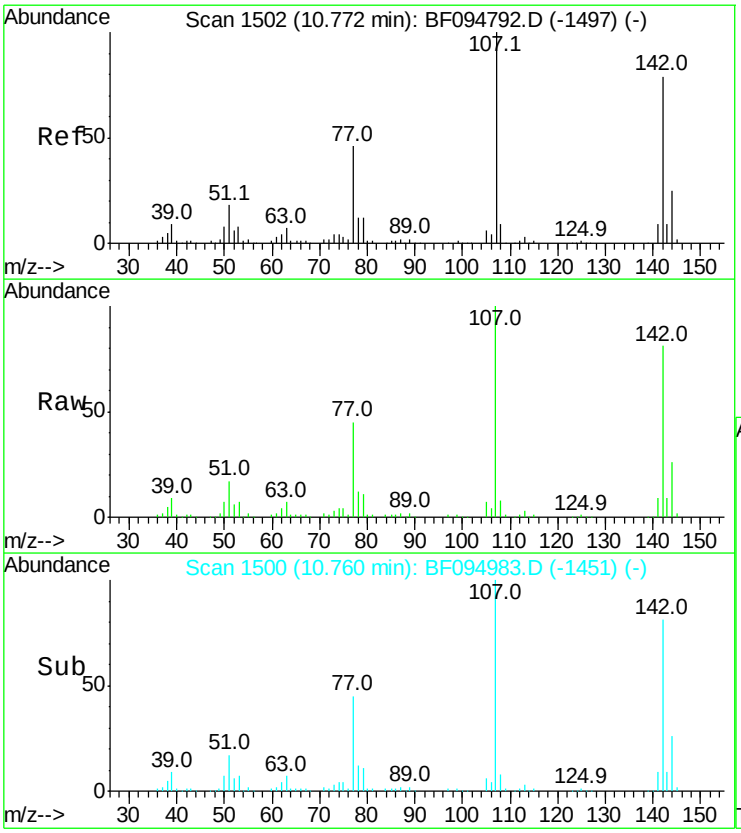
Tgt Ion:113 Resp: 73772

Ion	Ratio	Lower	Upper
113	100		
55	157.2	150.2	190.2
56	119.6	107.8	147.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

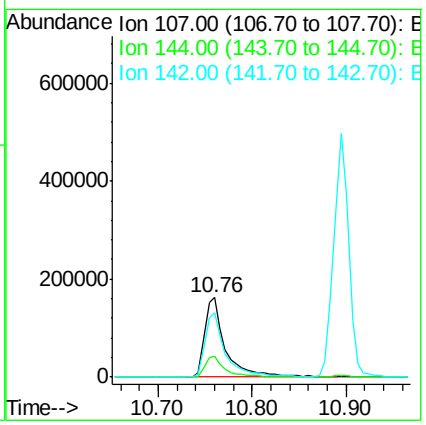
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

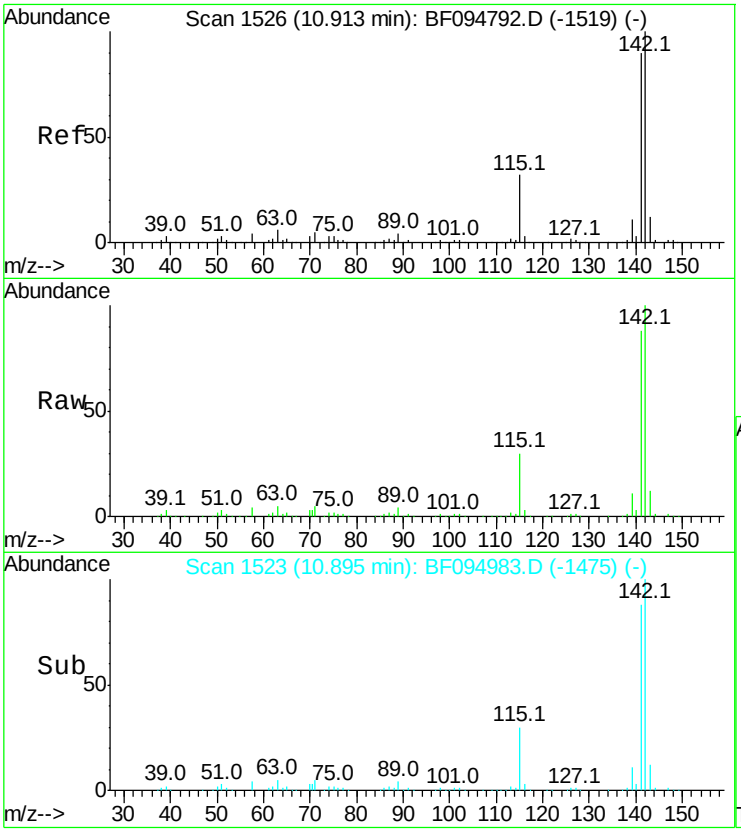


#36
4-Chloro-3-methylphenol
Concen: 41.83 ng
RT: 10.76 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:107 Resp: 250783

Ion	Ratio	Lower	Upper
107	100		
144	25.6	24.2	36.4
142	81.0	73.4	110.0

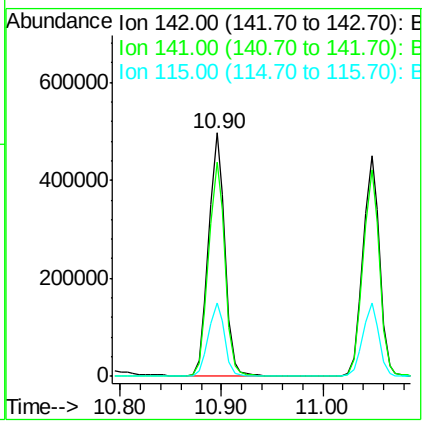




#37
2-Methylnaphthalene
Concen: 41.25 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

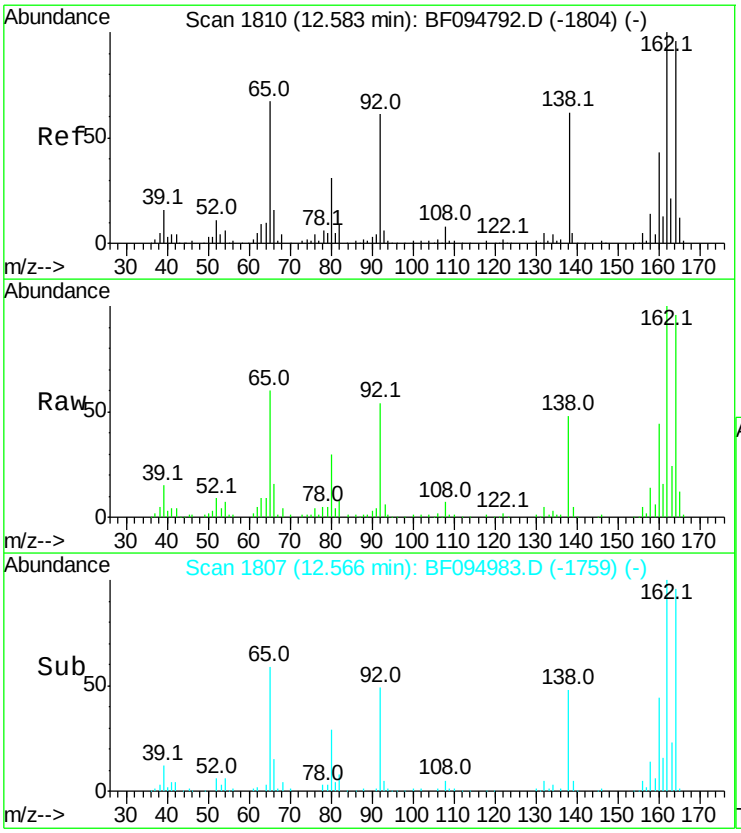
Tgt Ion:142 Resp: 557106

Ion	Ratio	Lower	Upper
142	100		
141	87.8	71.3	106.9
115	30.2	27.1	40.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

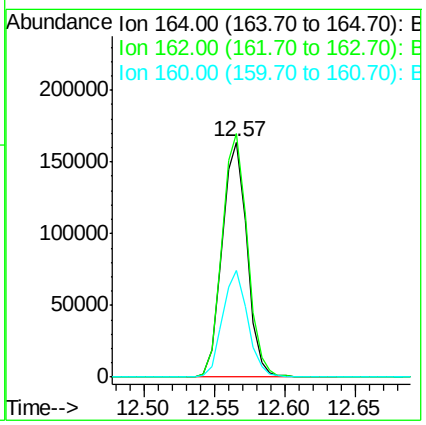
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

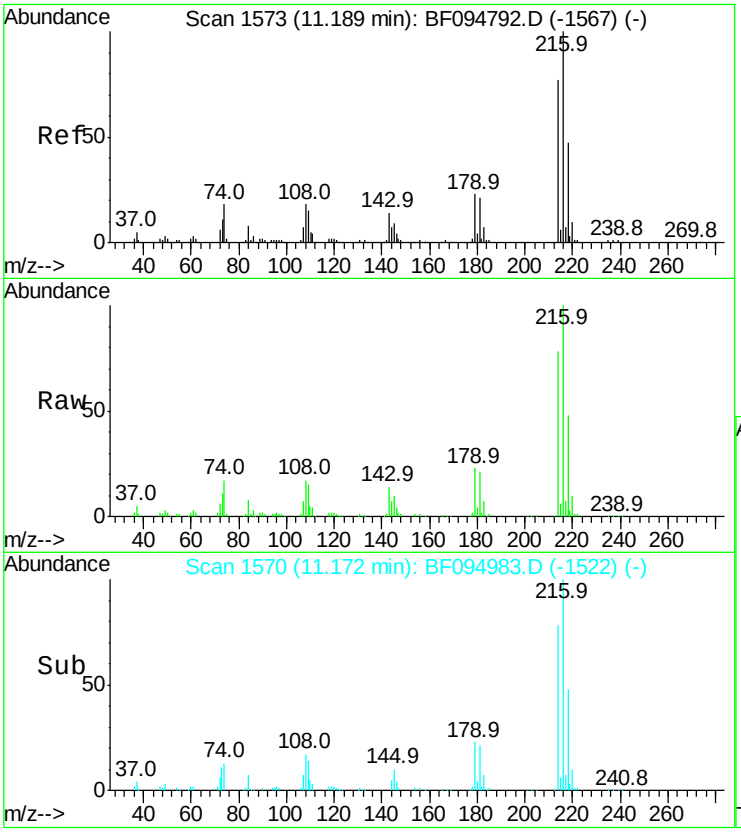


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:164 Resp: 200316

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	45.2	36.2	54.2

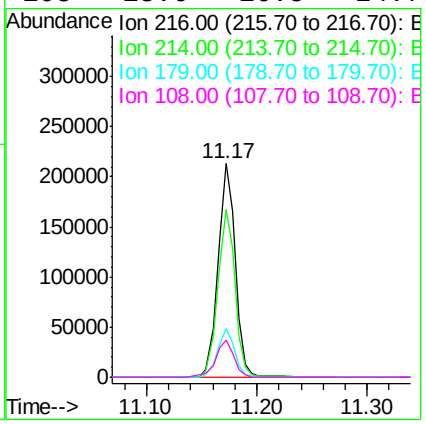




#39
1,2,4,5-Tetrachlorobenzene
Concen: 37.73 ng
RT: 11.17 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

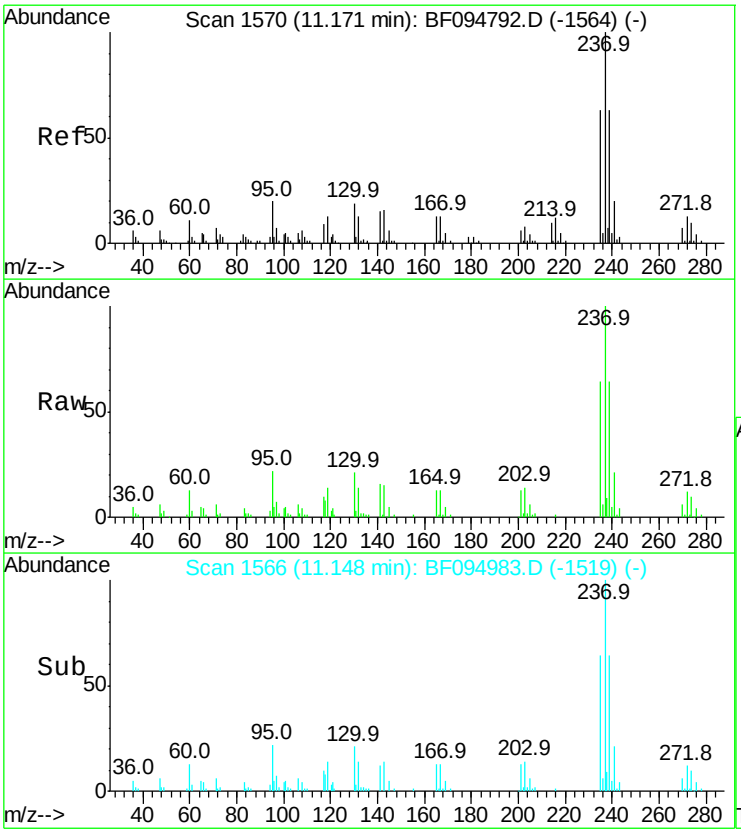
Tgt Ion:216 Resp: 232426

Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	22.2	17.9	26.9
108	18.6	16.5	24.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

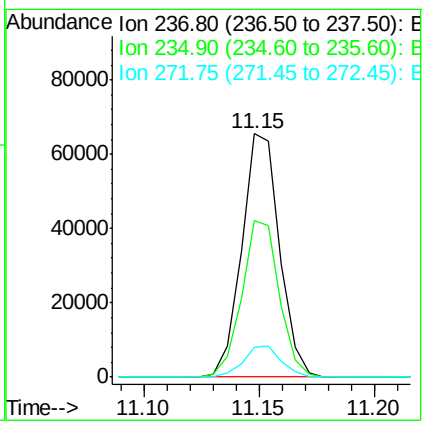
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

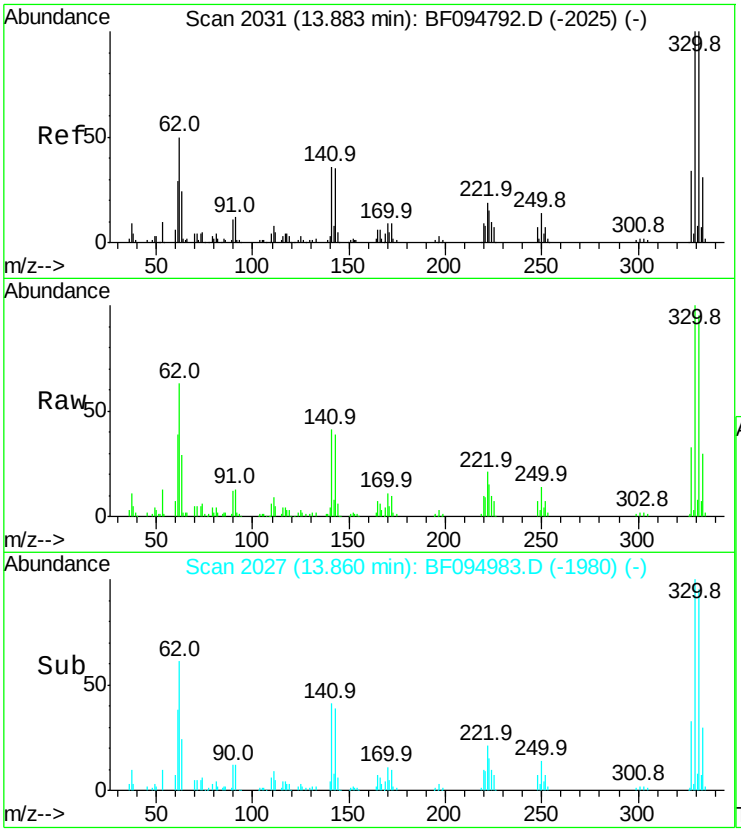


#40
Hexachlorocyclopentadiene
Concen: 32.71 ng
RT: 11.15 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:237 Resp: 74679

Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.6	82.6
272	12.1	0.0	31.9

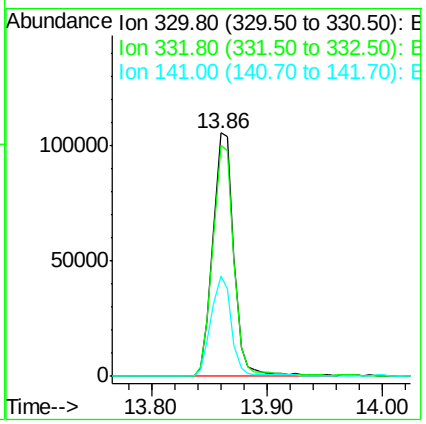




#41
2,4,6-Tribromophenol
Concen: 82.29 ng
RT: 13.86 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

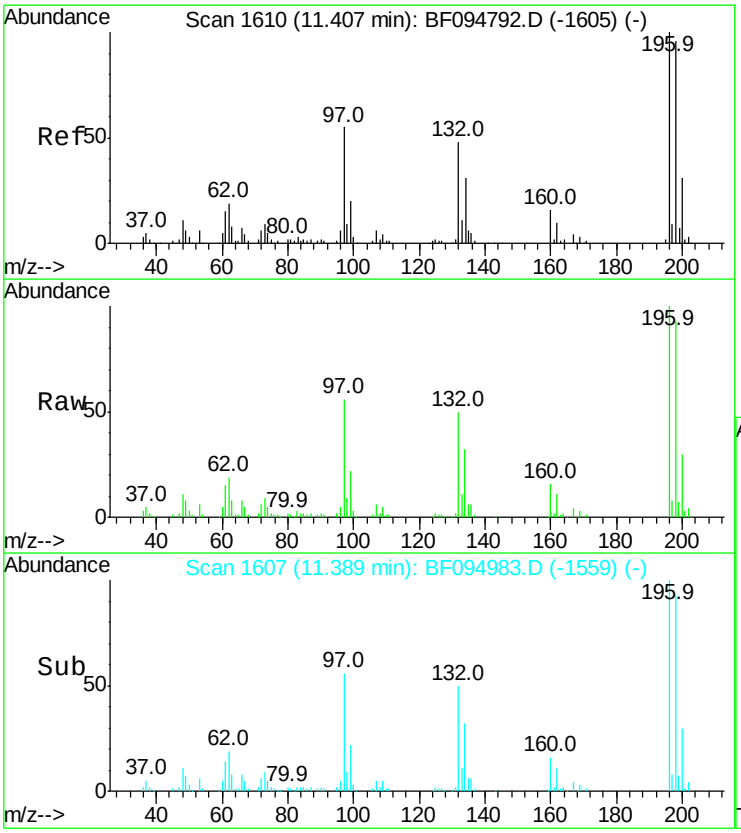
Tgt Ion:330 Resp: 134999

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	40.5	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

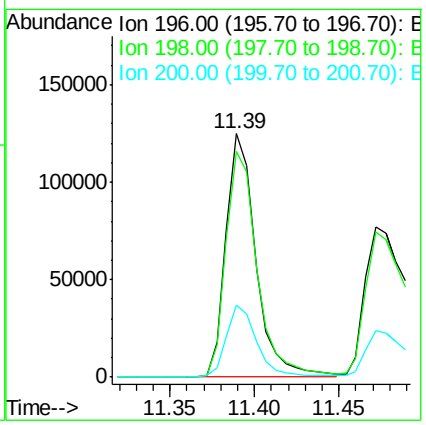
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

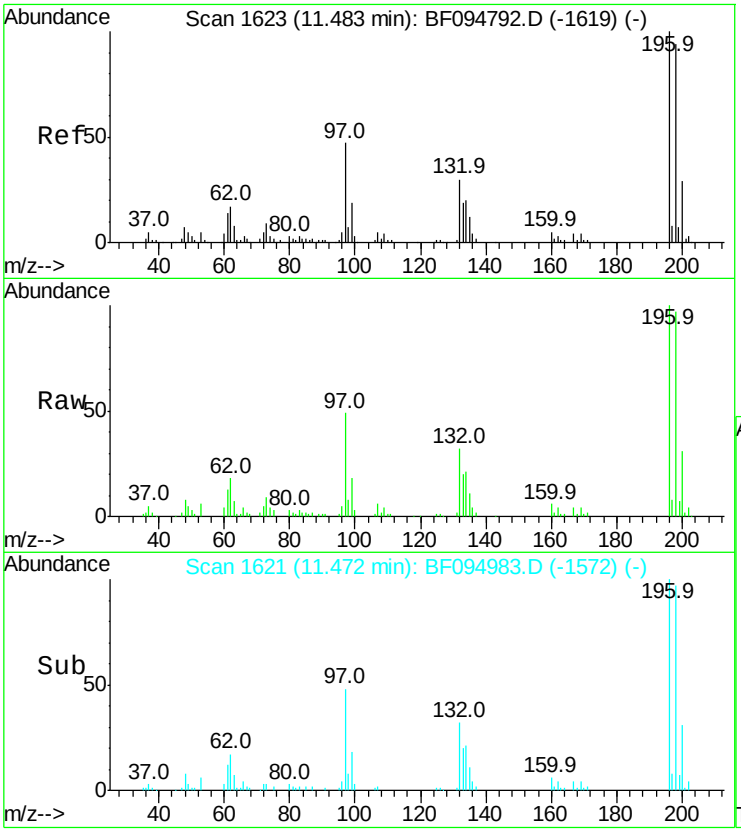


#42
2,4,6-Trichlorophenol
Concen: 37.63 ng
RT: 11.39 min Scan# 1607
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:196 Resp: 154775

Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.2	111.4
200	29.6	24.0	36.0

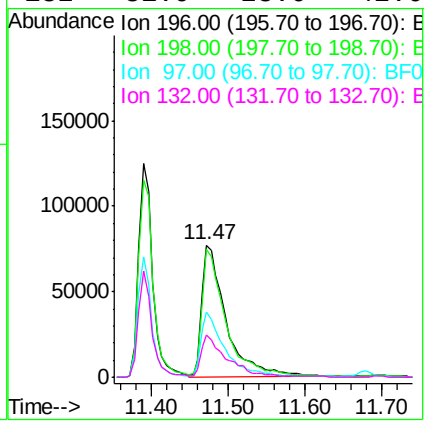




#43
2,4,5-Trichlorophenol
Concen: 38.14 ng
RT: 11.47 min Scan# 1621
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

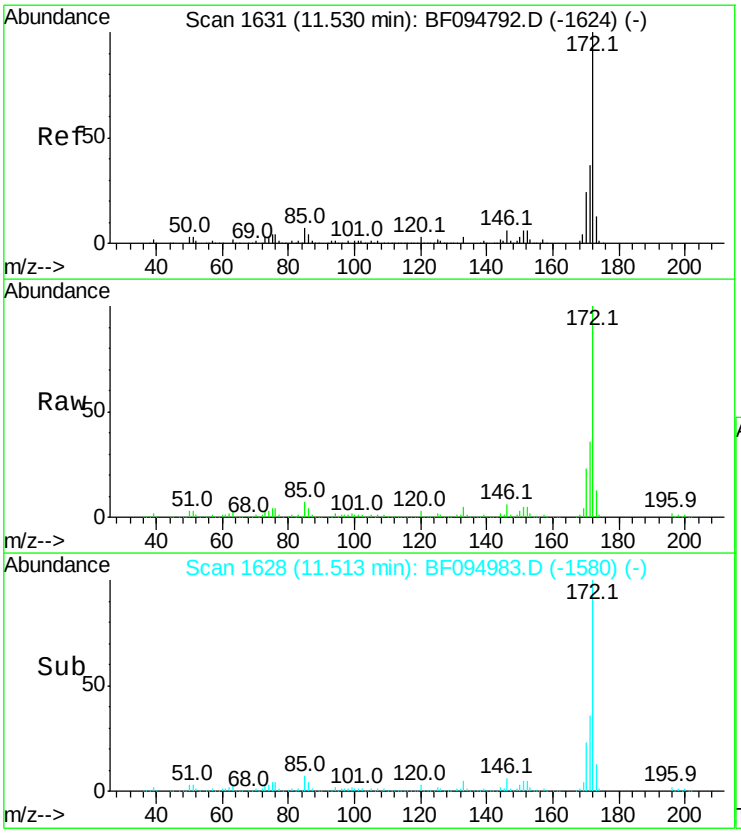
Tgt Ion:196 Resp: 168602

Ion	Ratio	Lower	Upper
196	100		
198	96.7	75.7	113.5
97	49.4	47.7	71.5
132	31.9	28.0	42.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

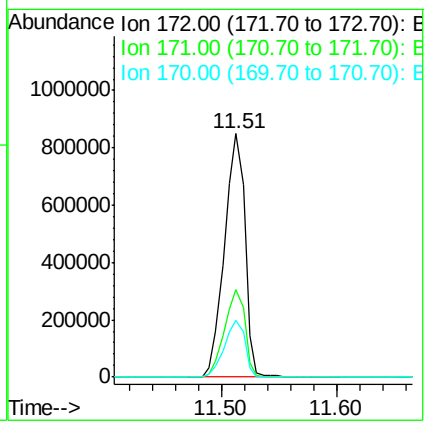
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

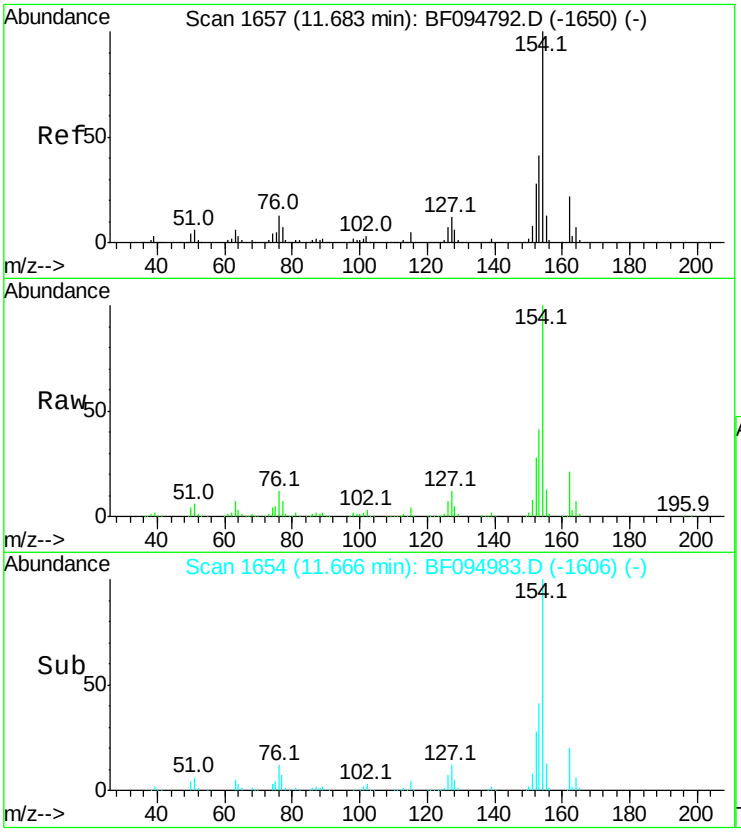


#44
2-Fluorobiphenyl
Concen: 75.39 ng
RT: 11.51 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:172 Resp: 1049195

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.4	19.8	29.8

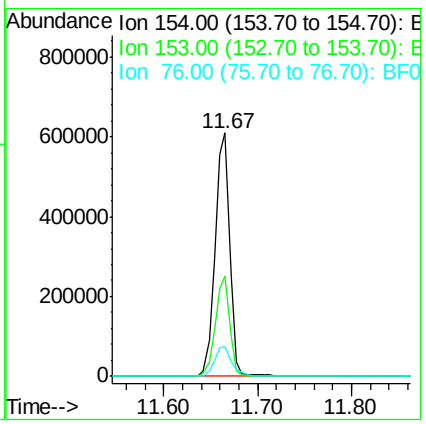




#45
1,1'-Biphenyl
Concen: 39.70 ng
RT: 11.67 min Scan# 1654
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

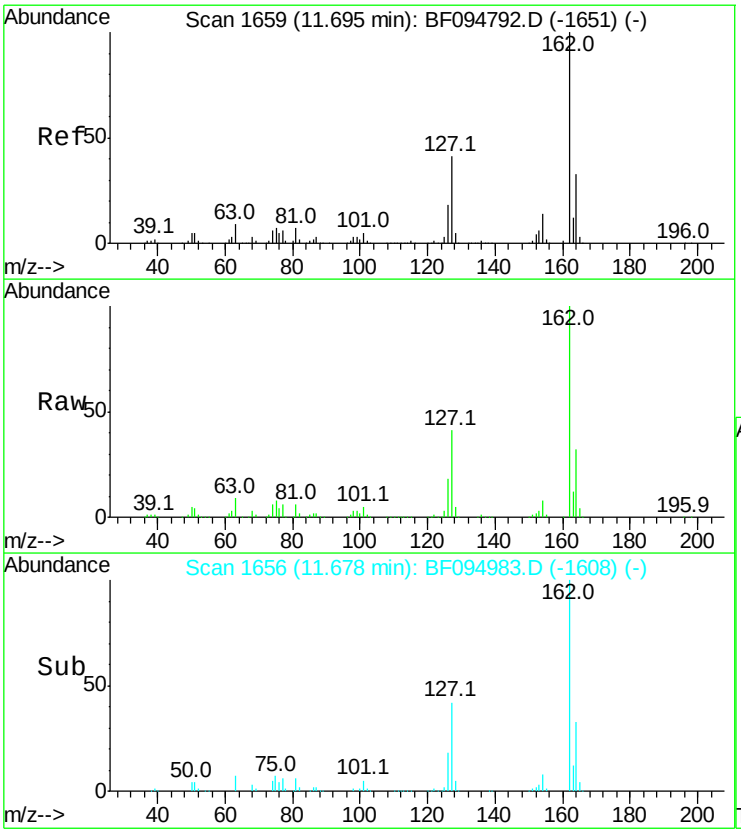
Tgt Ion:154 Resp: 669614

Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.4	0.0	29.9



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

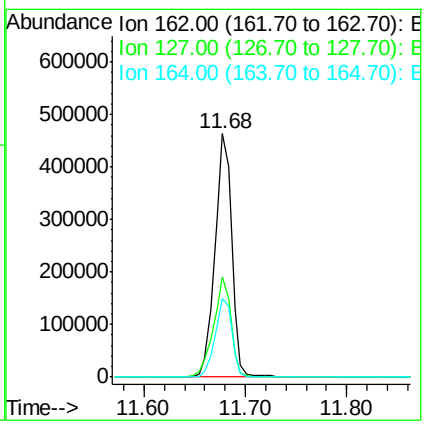
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

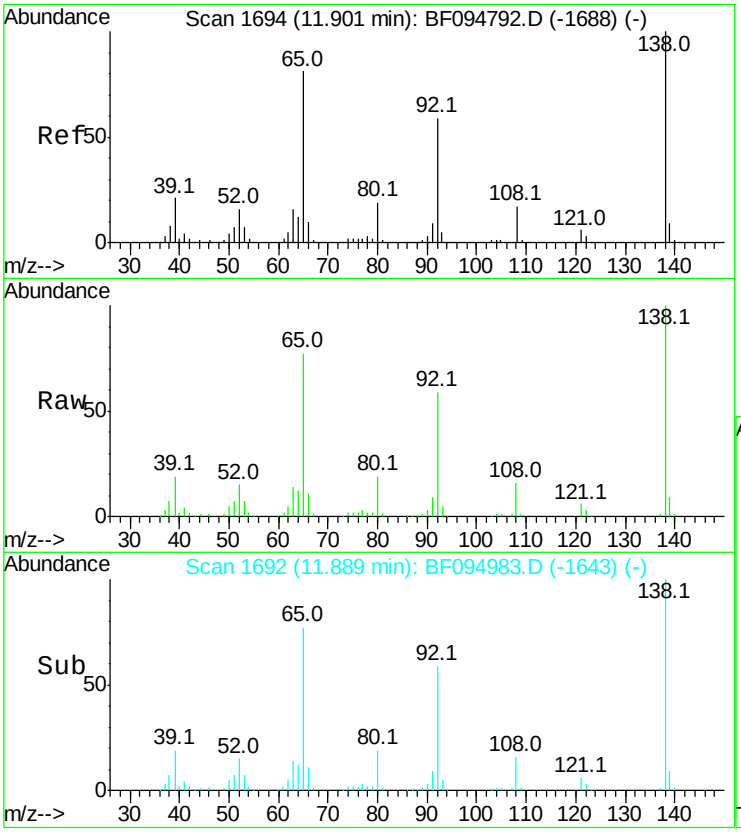


#46
2-Chloronaphthalene
Concen: 39.28 ng
RT: 11.68 min Scan# 1656
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:162 Resp: 534979

Ion	Ratio	Lower	Upper
162	100		
127	41.3	28.3	42.5
164	32.3	27.0	40.4

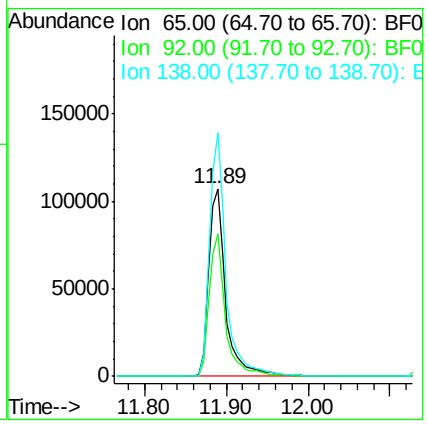




#47
2-Nitroaniline
Concen: 41.09 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

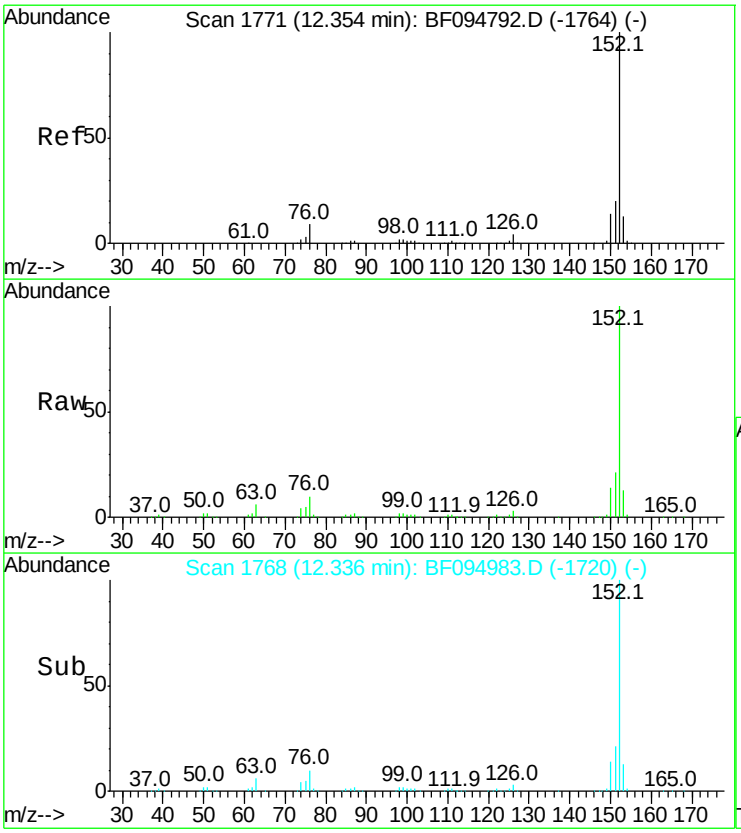
Tgt Ion: 65 Resp: 153160

Ion	Ratio	Lower	Upper
65	100		
92	75.9	53.9	80.9
138	129.7	78.8	118.2#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

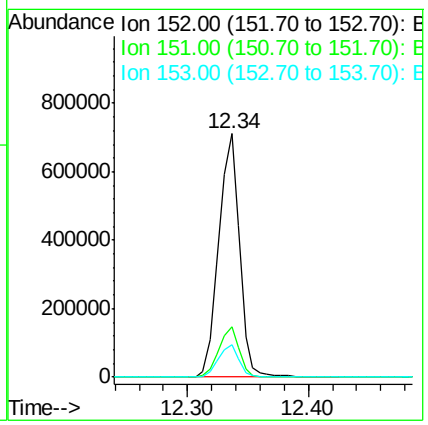
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

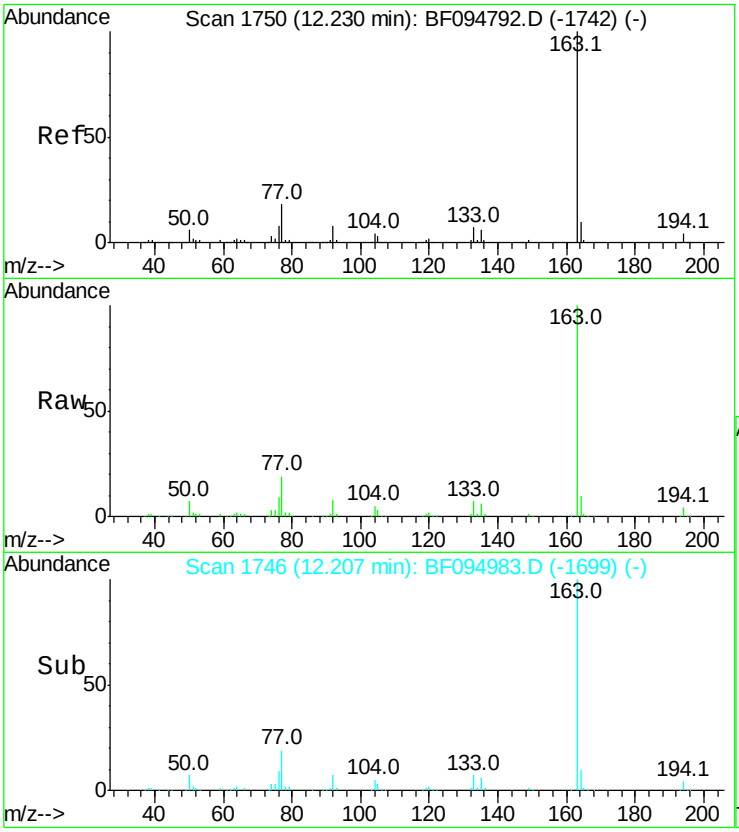


#48
Acenaphthylene
Concen: 39.55 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:152 Resp: 843661

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.1	10.8	16.2

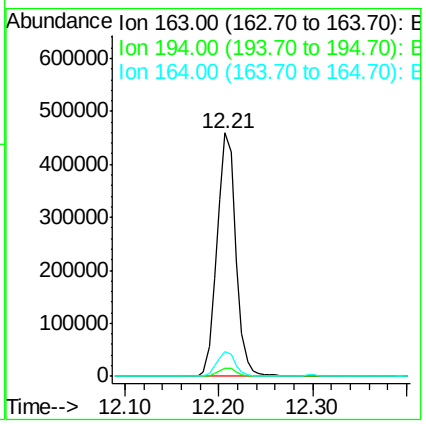




#49
Dimethylphthalate
Concen: 39.10 ng
RT: 12.21 min Scan# 1746
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

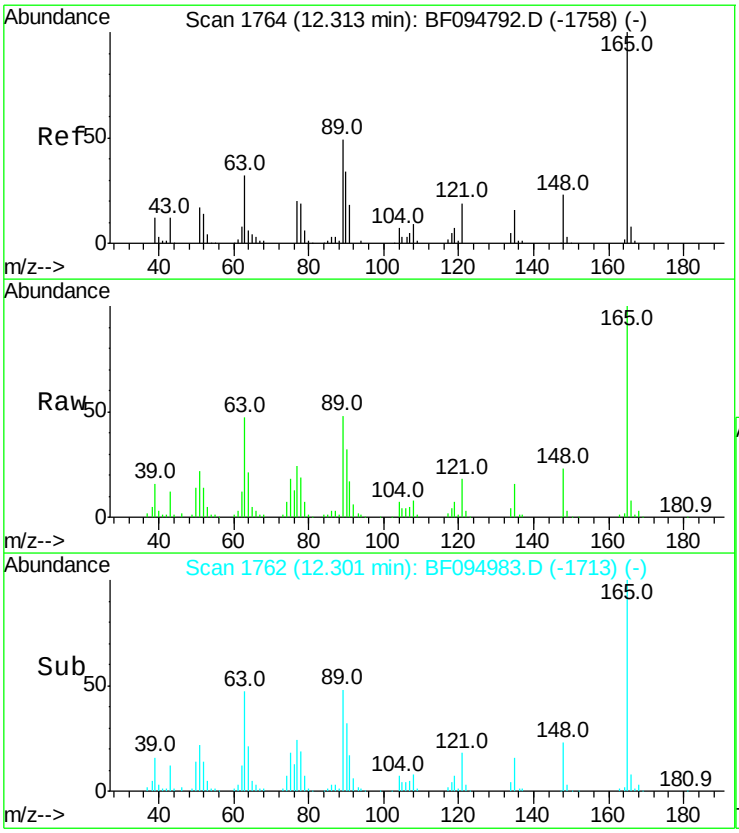
Tgt Ion:163 Resp: 642930

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.3	8.4	12.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

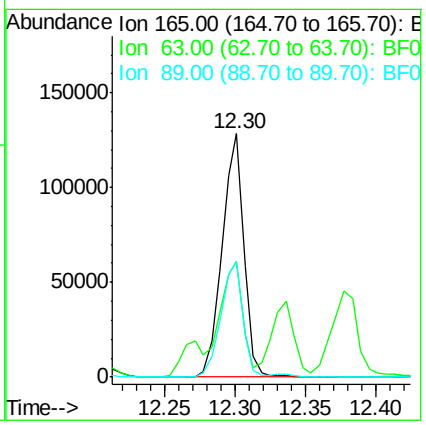
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

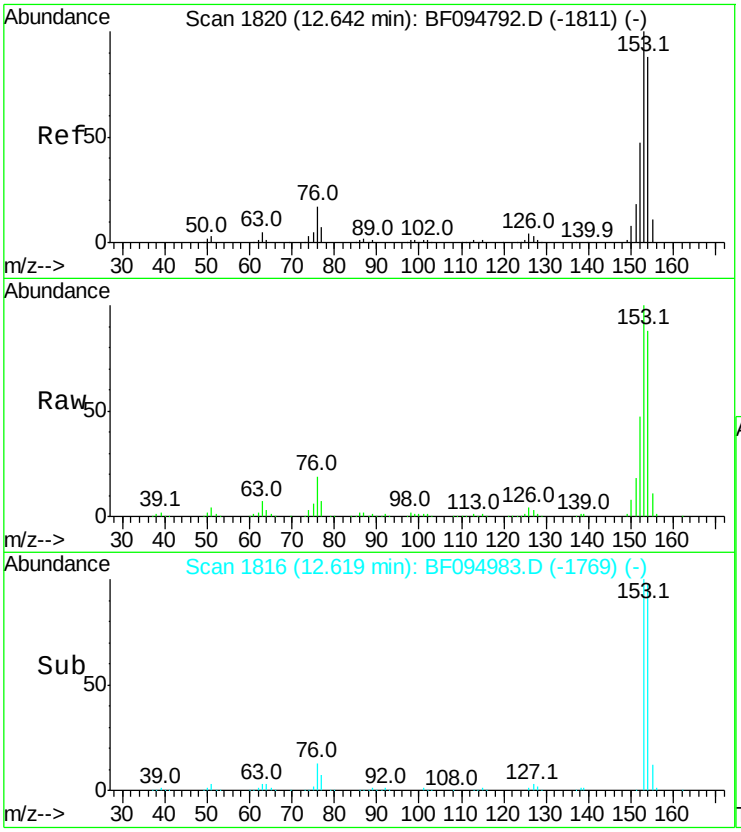


#50
2,6-Dinitrotoluene
Concen: 40.85 ng
RT: 12.30 min Scan# 1762
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:165 Resp: 137057

Ion	Ratio	Lower	Upper
165	100		
63	47.4	34.3	51.5
89	47.6	37.1	55.7

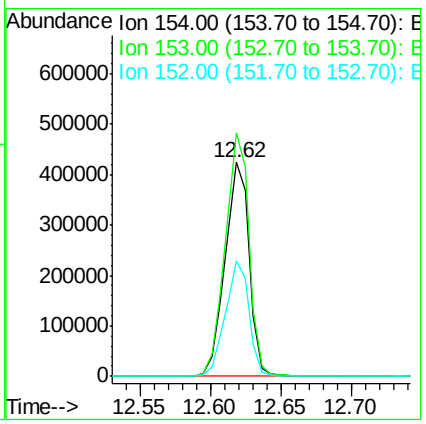




#51
Acenaphthene
Concen: 39.53 ng
RT: 12.62 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

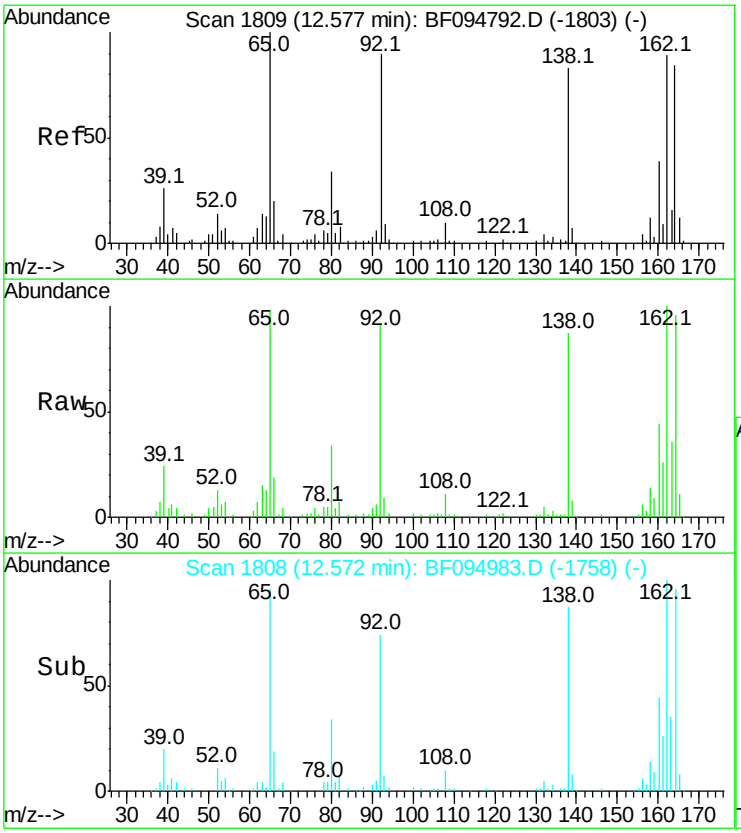
Tgt Ion:154 Resp: 503681

Ion	Ratio	Lower	Upper
154	100		
153	113.8	90.5	135.7
152	54.1	43.6	65.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

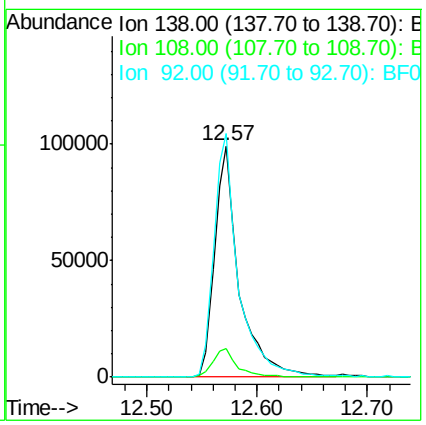
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

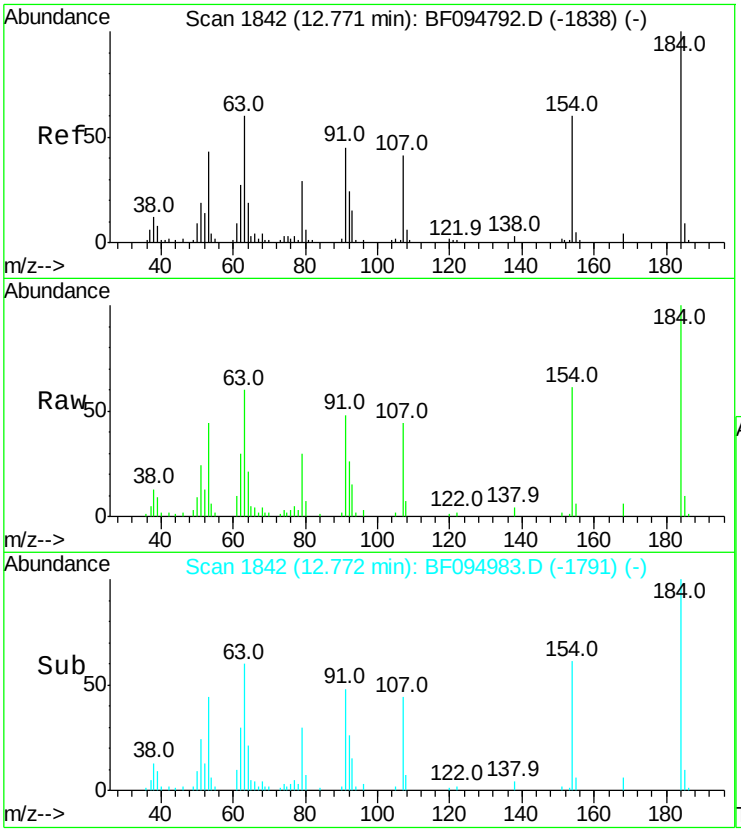


#52
3-Nitroaniline
Concen: 42.55 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:138 Resp: 153227

Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.1	13.7
92	105.5	93.8	140.6





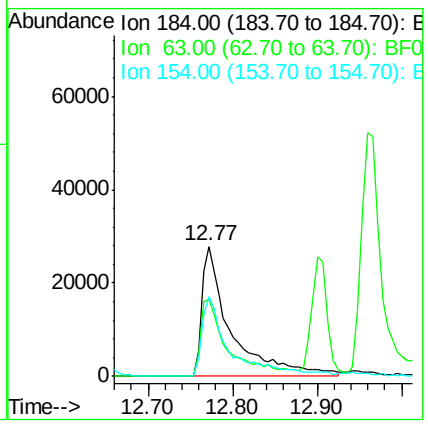
#53
2,4-Dinitrophenol
Concen: 39.09 ng
RT: 12.77 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

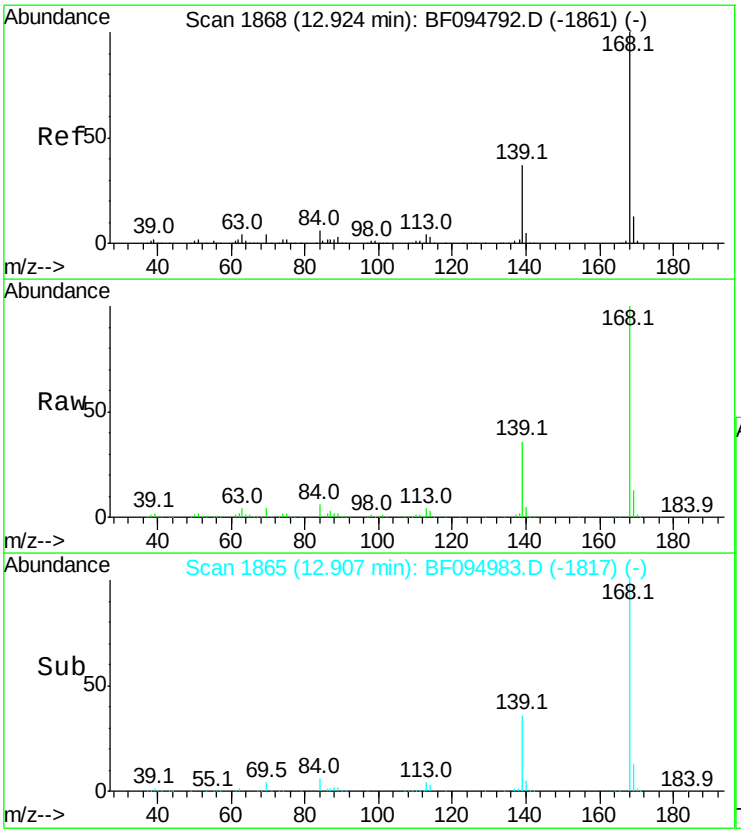
Tgt Ion:184 Resp: 65825

Ion	Ratio	Lower	Upper
184	100		
63	59.8	62.7	94.1#
154	61.0	81.1	121.7#

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

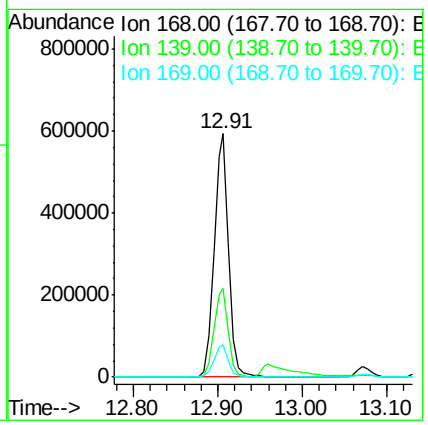


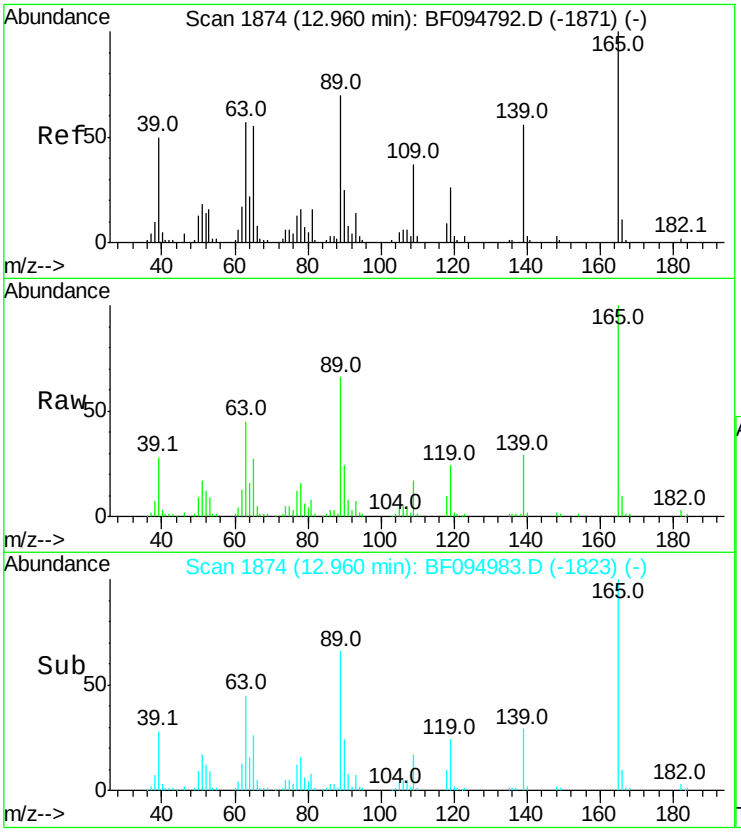


#54
Dibenzofuran
Concen: 40.69 ng
RT: 12.91 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:168 Resp: 717348

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.6	45.8
169	13.1	10.8	16.2

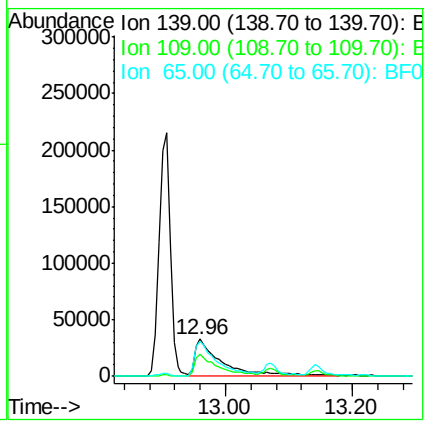




#55
4-Nitrophenol
Concen: 41.97 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

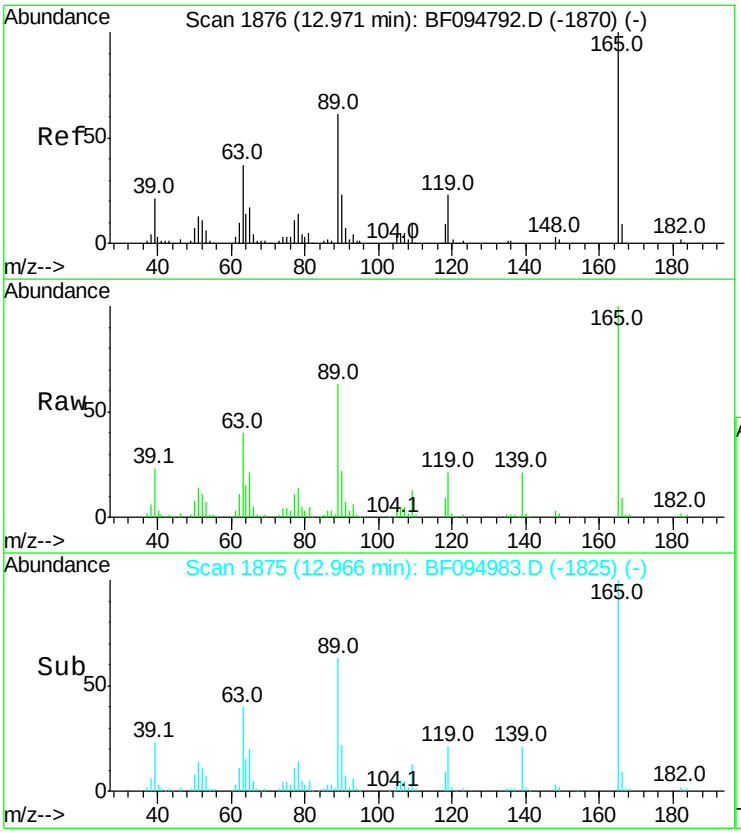
Tgt Ion:139 Resp: 90771

Ion	Ratio	Lower	Upper
139	100		
109	59.3	34.1	74.1
65	95.7	31.4	71.4#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

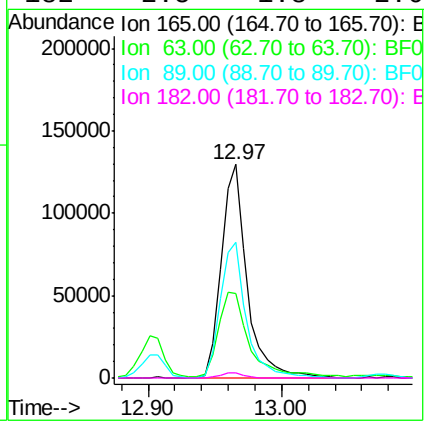
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

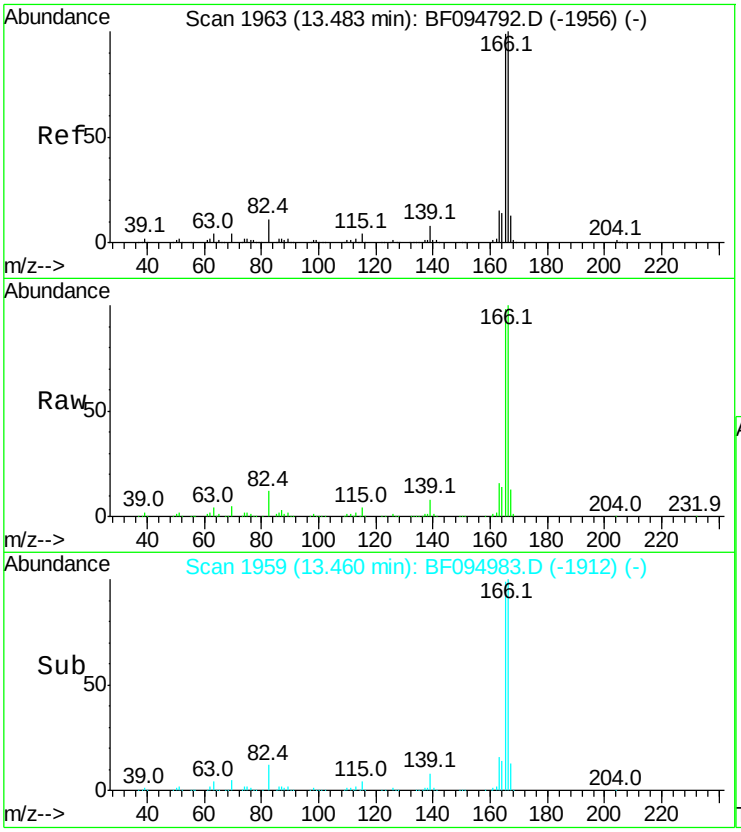


#56
2,4-Dinitrotoluene
Concen: 40.75 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:165 Resp: 175654

Ion	Ratio	Lower	Upper
165	100		
63	39.6	25.4	38.0#
89	63.4	46.4	69.6
182	2.5	1.8	2.6

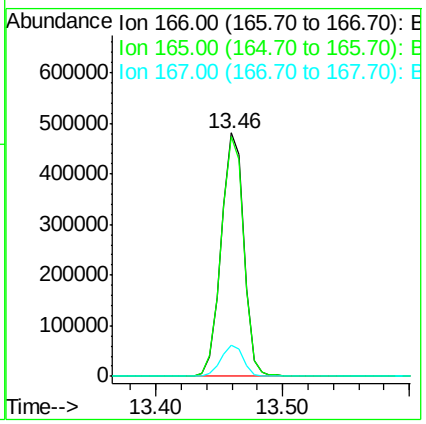




#57
Fluorene
Concen: 38.71 ng
RT: 13.46 min Scan# 1959
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

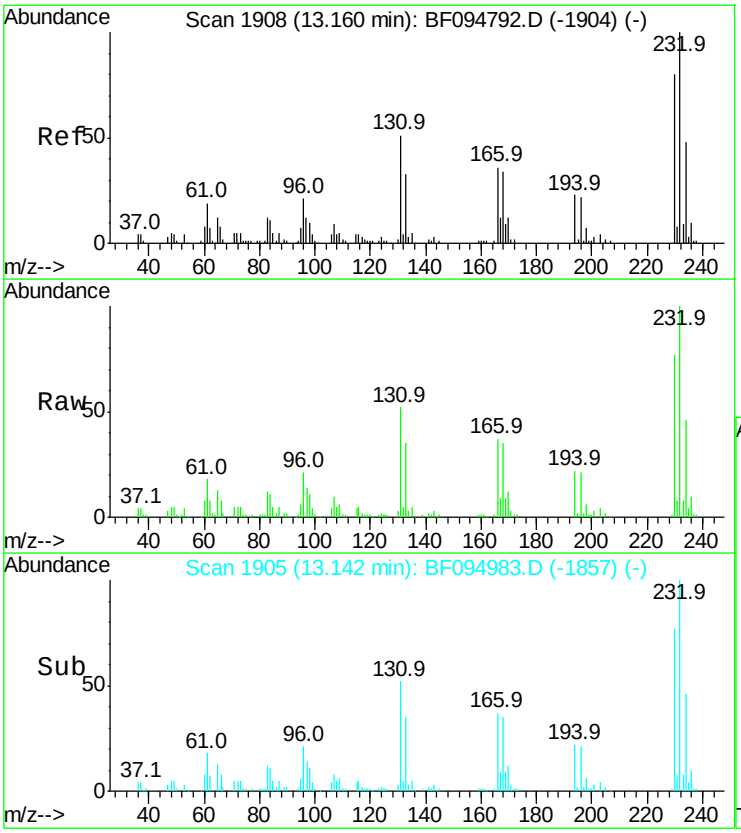
Tgt Ion:166 Resp: 593473

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.8	118.2
167	13.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

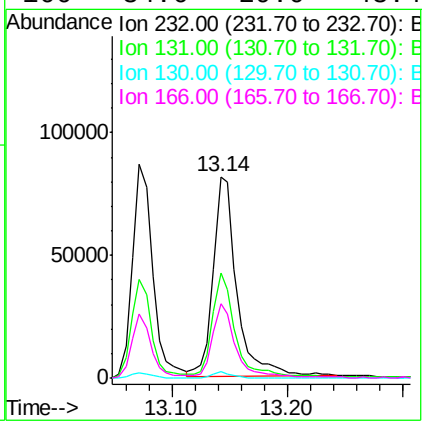
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

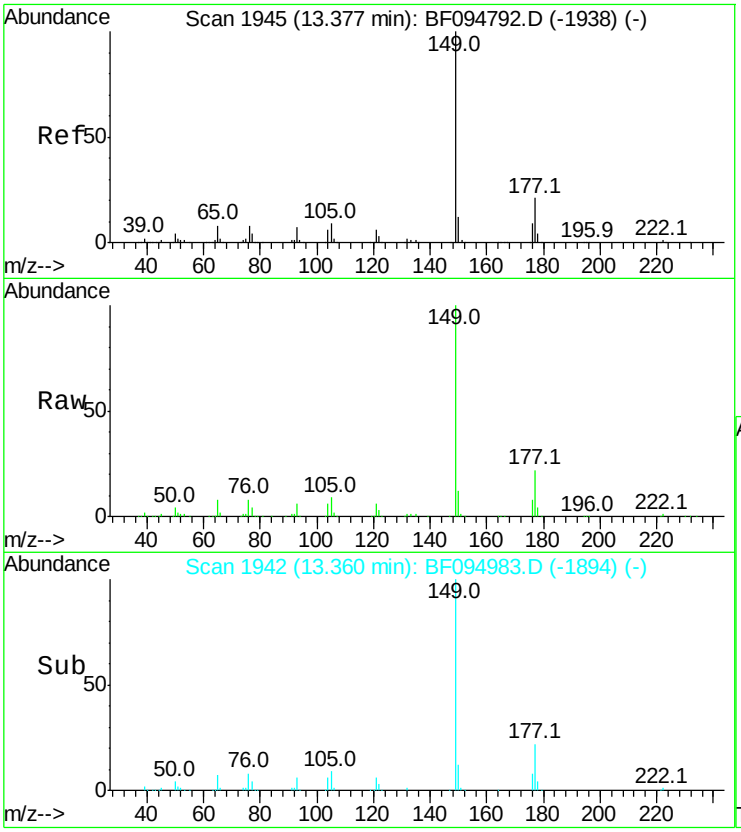


#58
2,3,4,6-Tetrachlorophenol
Concen: 42.17 ng
RT: 13.14 min Scan# 1905
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:232 Resp: 117337

Ion	Ratio	Lower	Upper
232	100		
131	49.6	44.8	67.2
130	2.3	2.3	3.5#
166	34.6	29.0	43.4





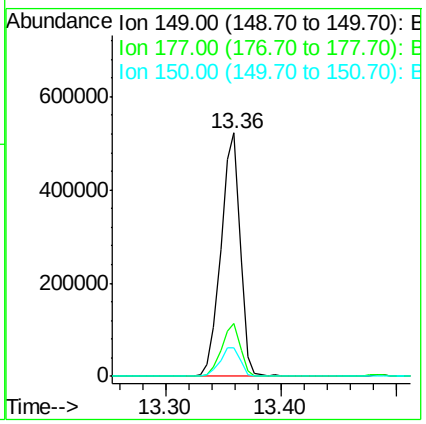
#59
Diethylphthalate
Concen: 38.19 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

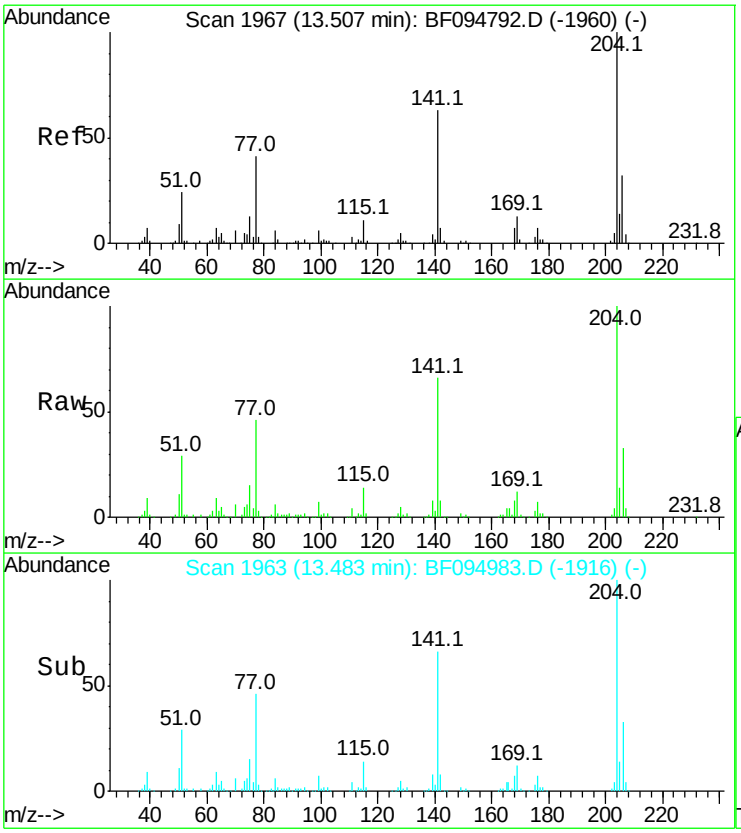
Tgt Ion:149 Resp: 602008

Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	11.8	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

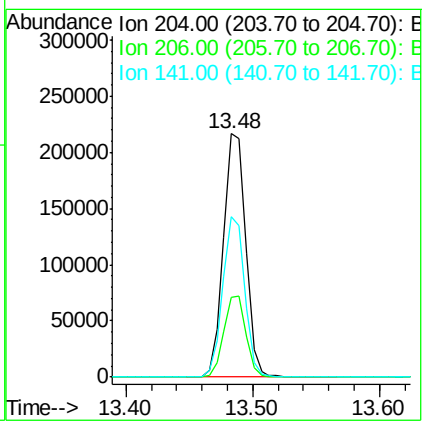


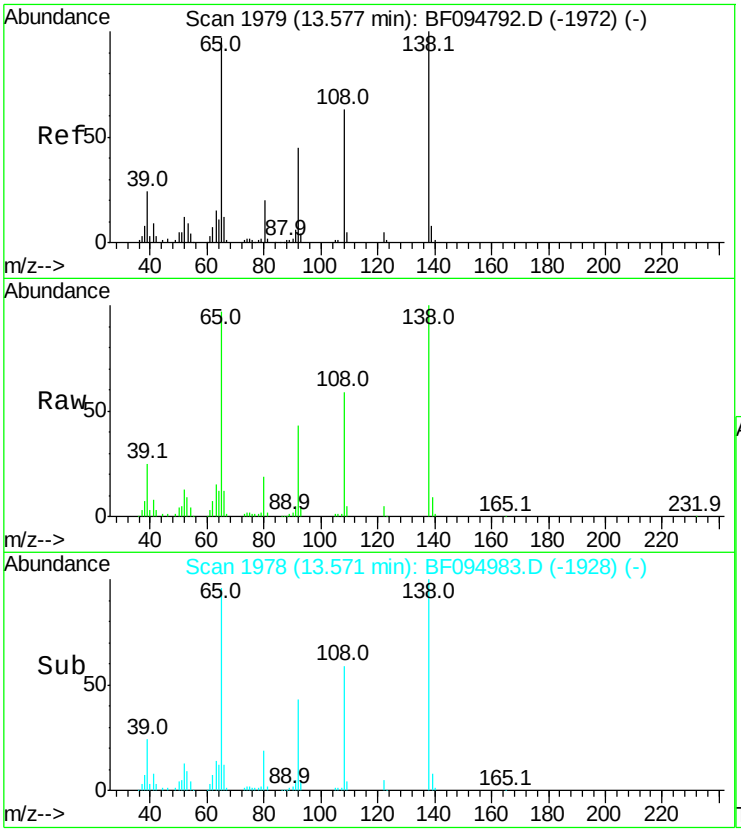


#60
4-Chlorophenyl-phenylether
Concen: 39.08 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:204 Resp: 263326

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	65.9	60.8	91.2

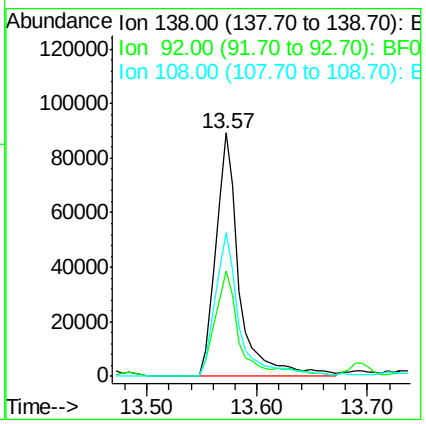




#61
4-Nitroaniline
Concen: 39.77 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

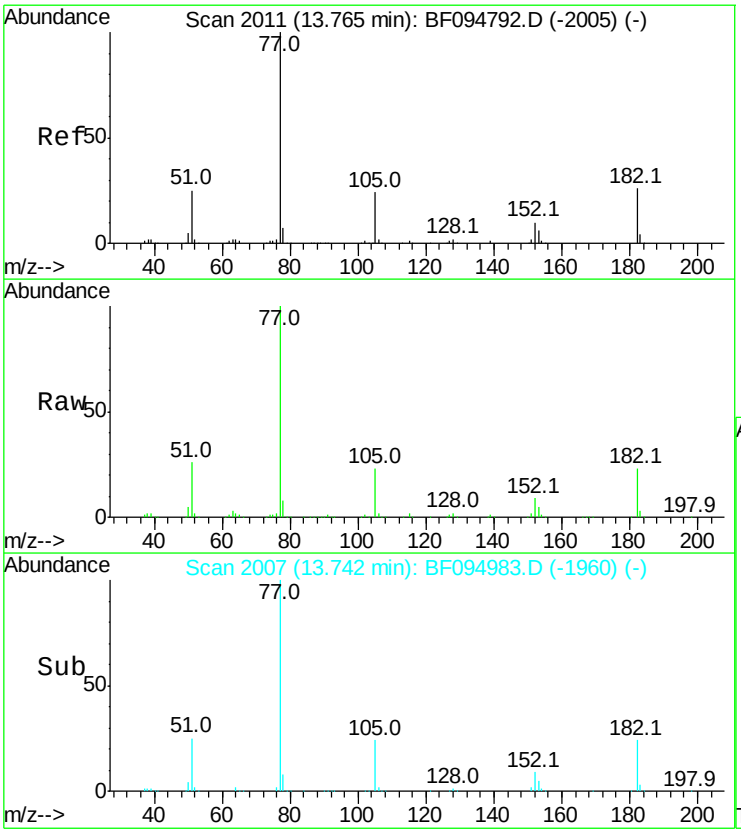
Tgt Ion:138 Resp: 131478

Ion	Ratio	Lower	Upper
138	100		
92	43.2	21.8	61.8
108	59.2	42.3	82.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

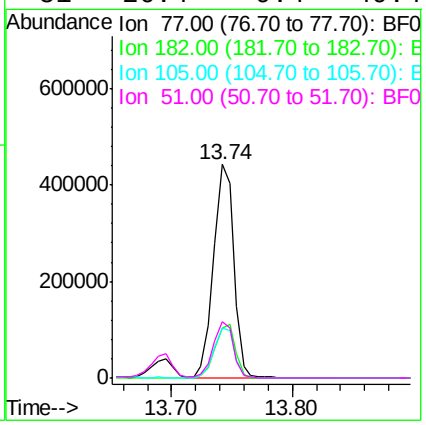
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

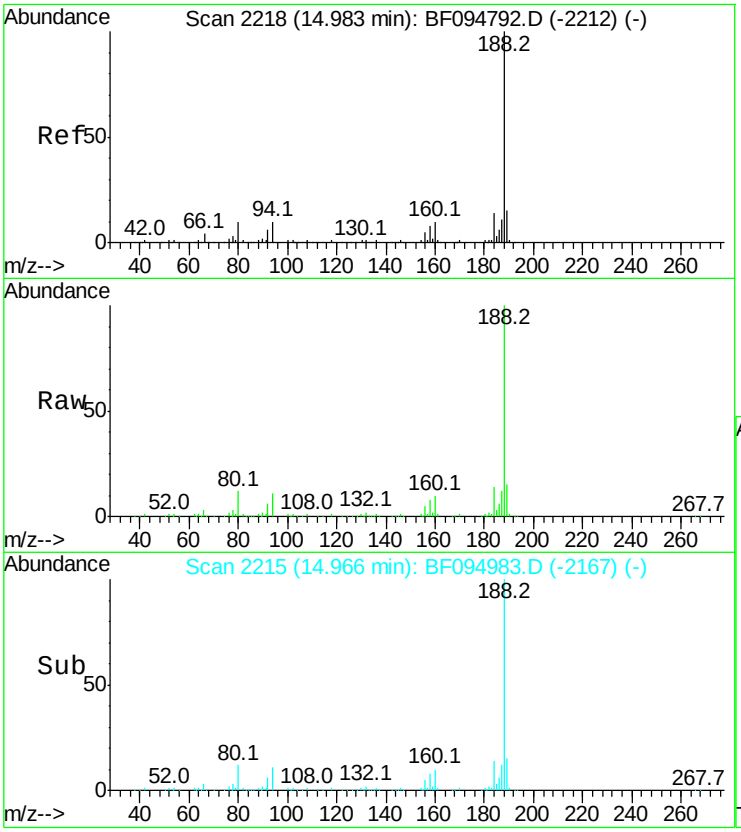


#62
Azobenzene
Concen: 40.22 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion: 77 Resp: 509468

Ion	Ratio	Lower	Upper
77	100		
182	23.4	0.1	40.1
105	23.2	3.6	43.6
51	26.4	9.4	49.4





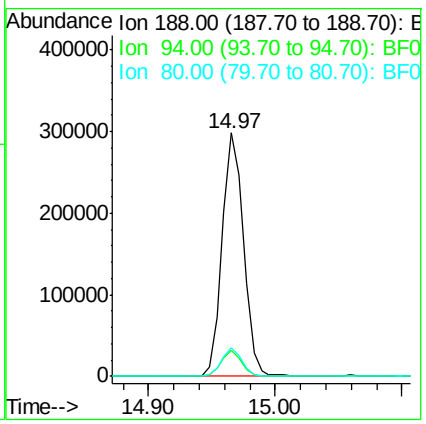
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

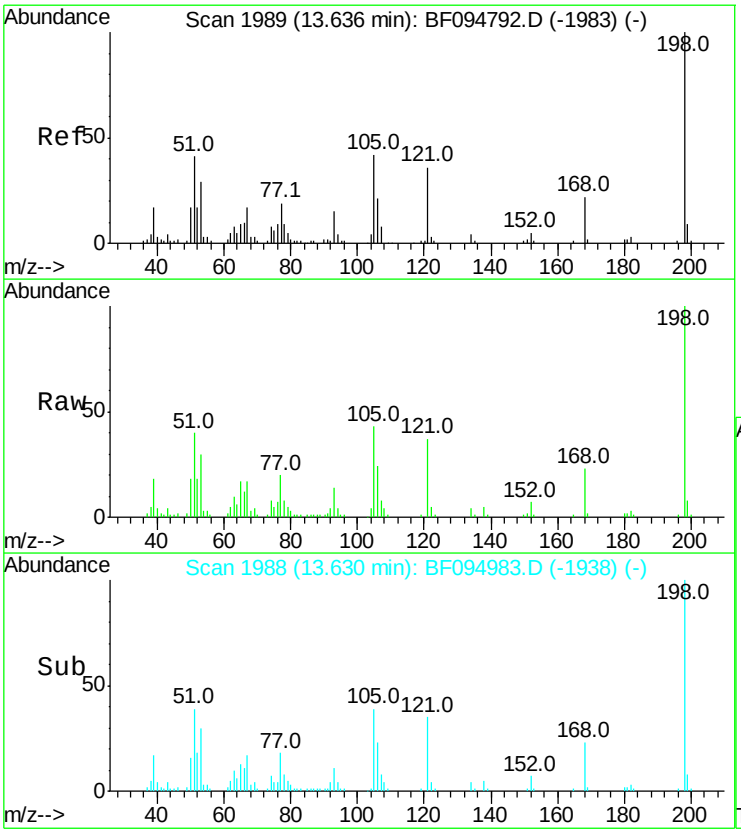
Tgt Ion:188 Resp: 350728

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.4	14.2
80	11.6	10.2	15.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

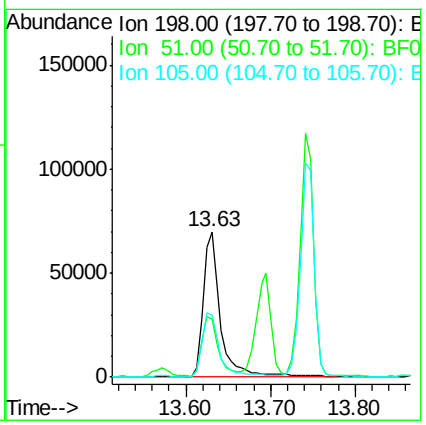


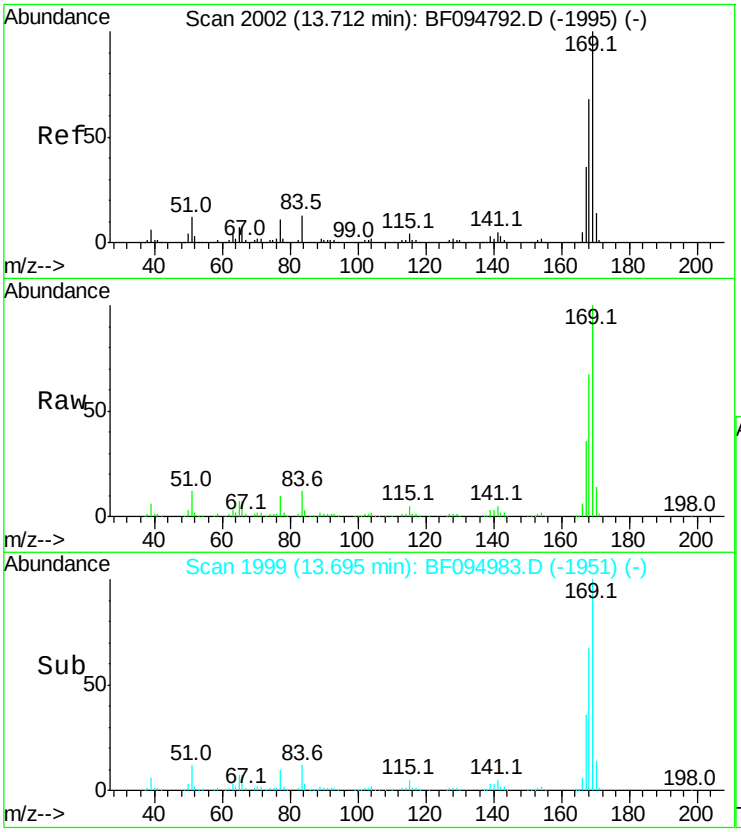


#64
4,6-Dinitro-2-methylphenol
Concen: 42.04 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:198 Resp: 98853

Ion	Ratio	Lower	Upper
198	100		
51	40.2	53.2	93.2#
105	42.6	45.8	85.8#

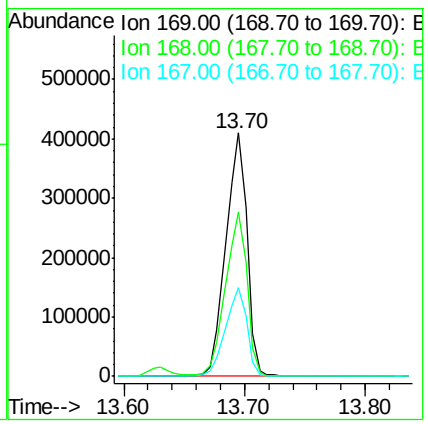




#65
n-Nitrosodiphenylamine
Concen: 39.23 ng
RT: 13.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

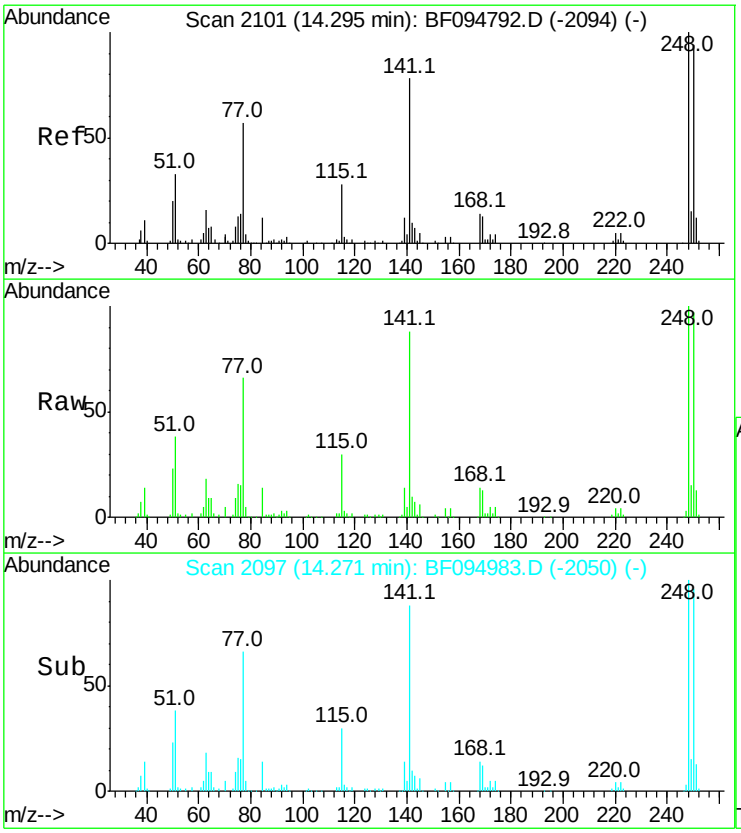
Tgt Ion:169 Resp: 499358

Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	36.3	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

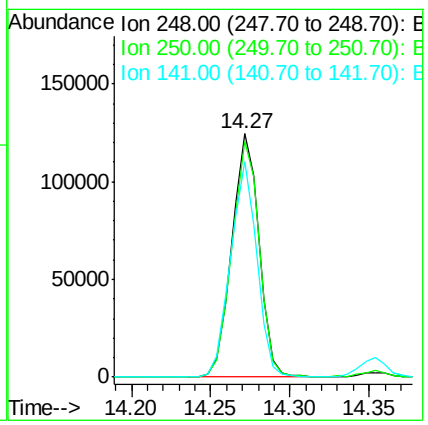
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

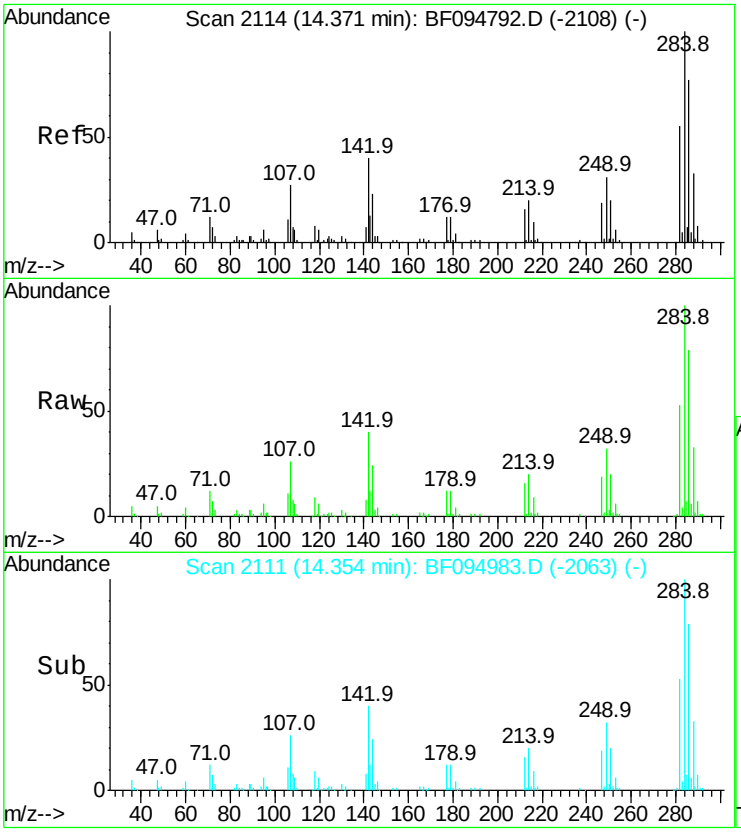


#66
4-Bromophenyl-phenylether
Concen: 39.83 ng
RT: 14.27 min Scan# 2097
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:248 Resp: 147572

Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.8	115.2
141	88.3	68.6	103.0

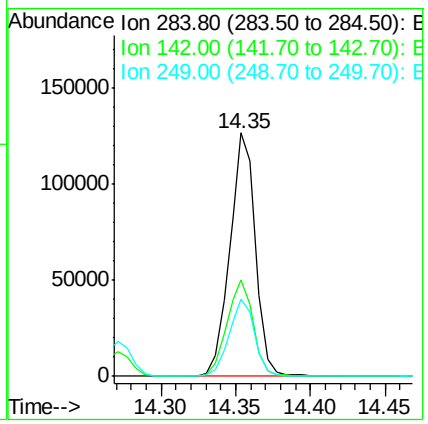




#67
Hexachlorobenzene
Concen: 40.09 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

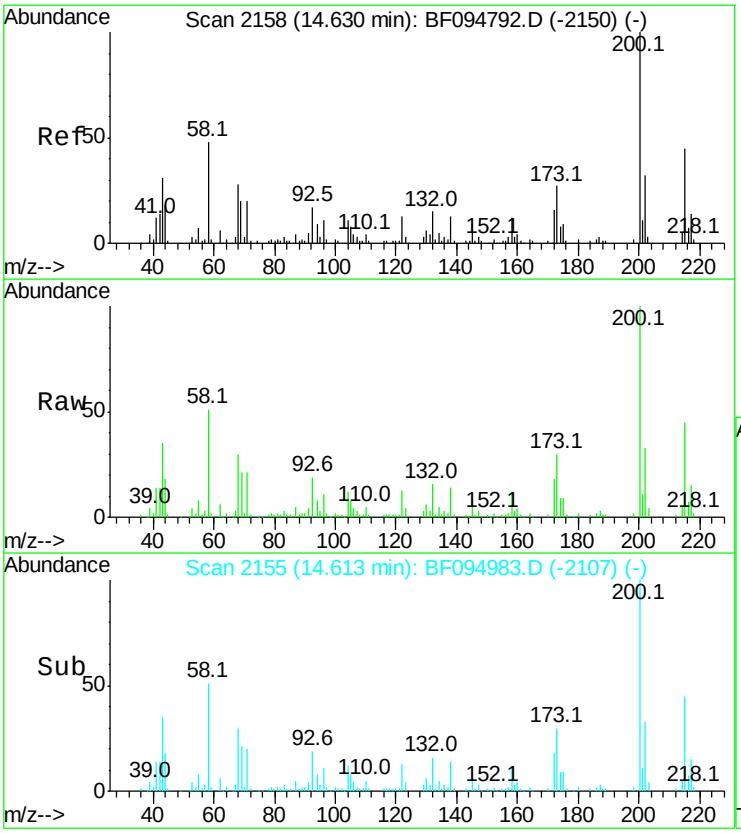
Tgt Ion:284 Resp: 152254

Ion	Ratio	Lower	Upper
284	100		
142	39.7	22.8	34.2#
249	32.0	24.0	36.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

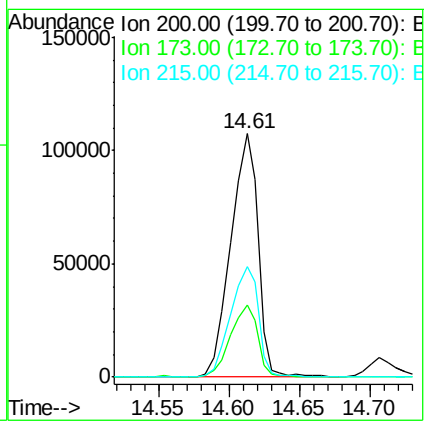
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

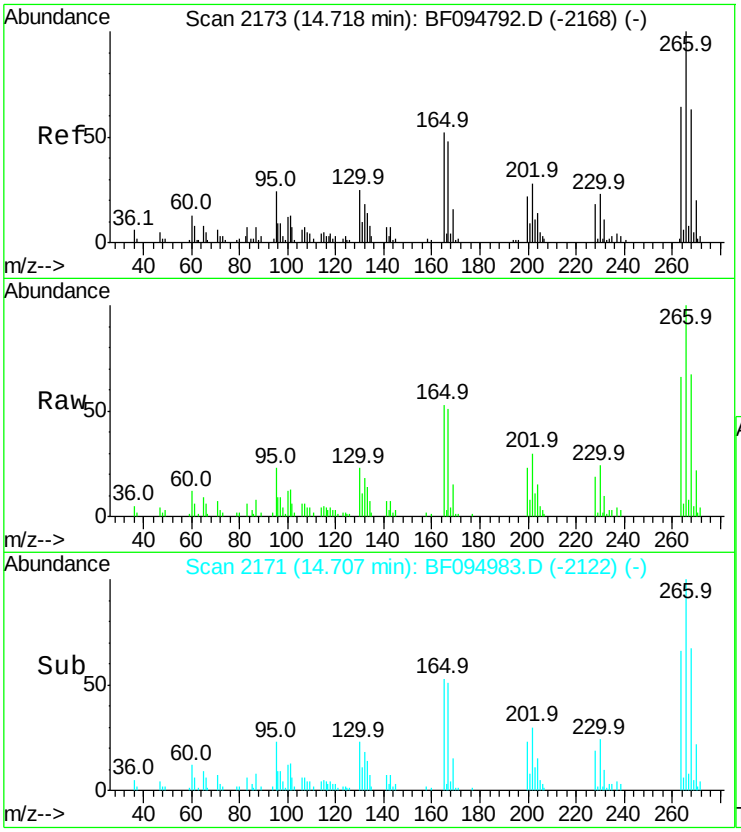


#68
Atrazine
Concen: 40.13 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:200 Resp: 144230

Ion	Ratio	Lower	Upper
200	100		
173	29.5	6.3	46.3
215	45.3	27.2	67.2

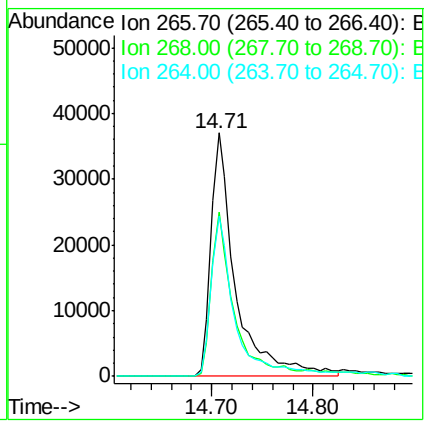




#69
Pentachlorophenol
Concen: 39.67 ng
RT: 14.71 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

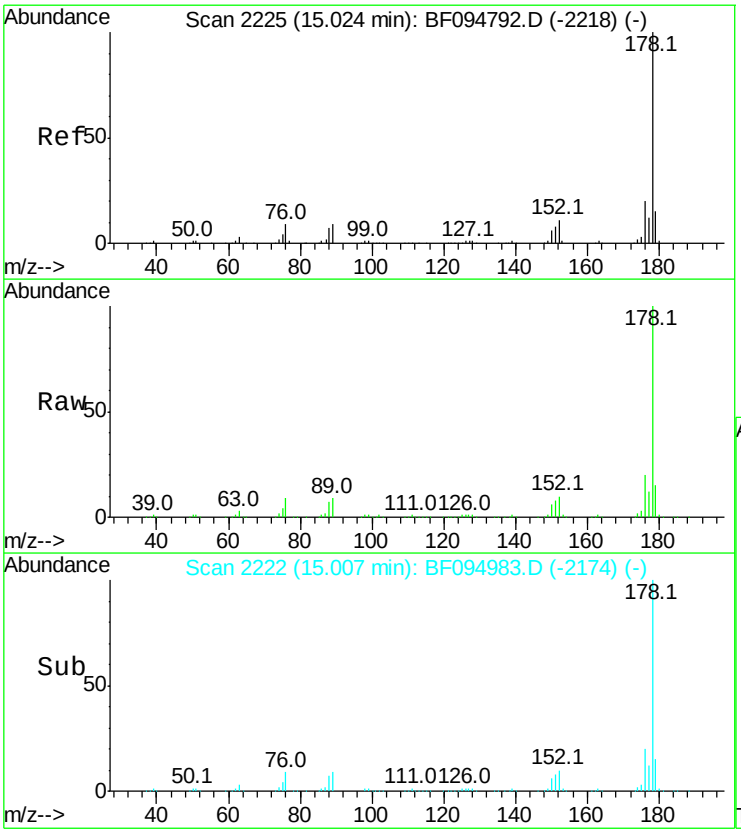
Tgt Ion:266 Resp: 62631

Ion	Ratio	Lower	Upper
266	100		
268	67.4	51.1	76.7
264	66.1	51.7	77.5



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

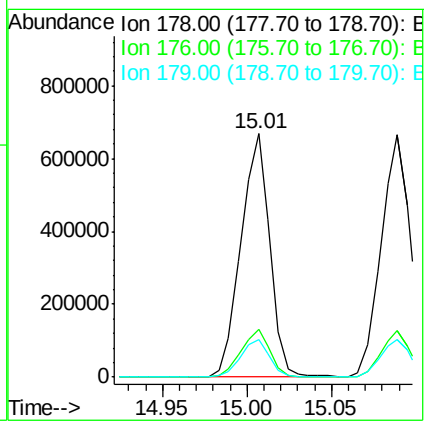
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

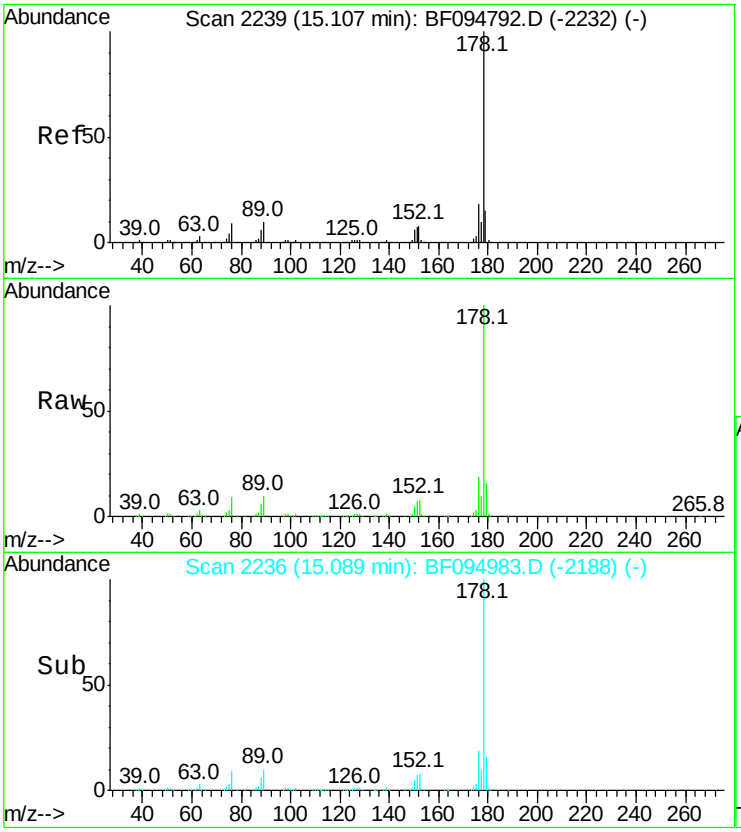


#70
Phenanthrene
Concen: 39.53 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:178 Resp: 796587

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.5	12.6	19.0

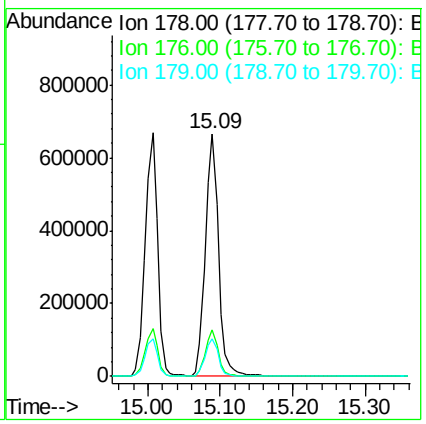




#71
Anthracene
Concen: 40.95 ng
RT: 15.09 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

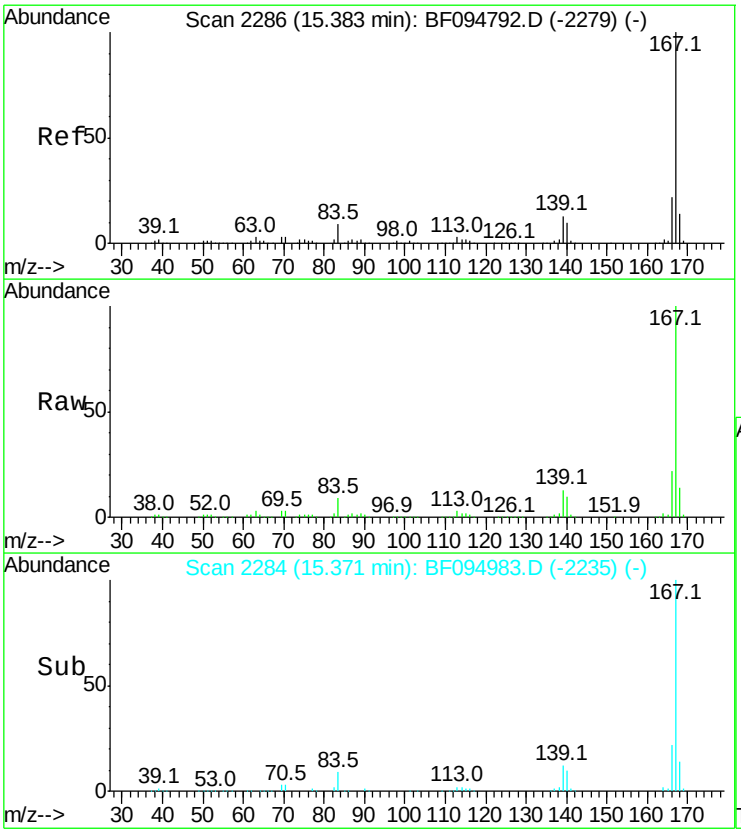
Tgt Ion:178 Resp: 842867

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.6	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

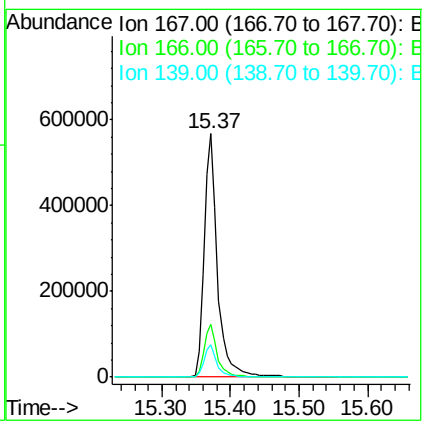
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

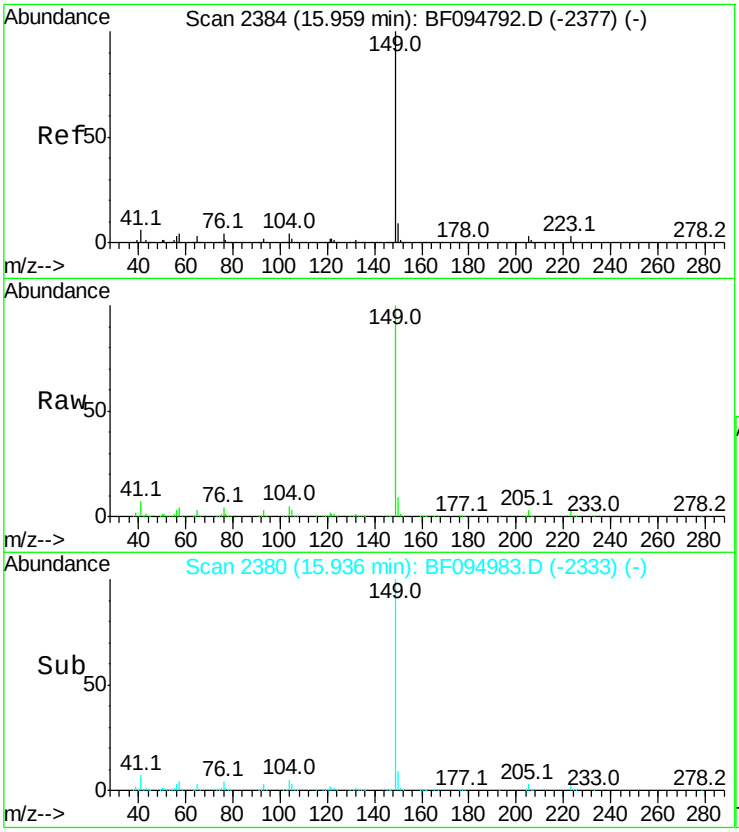


#72
Carbazole
Concen: 41.48 ng
RT: 15.37 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:167 Resp: 776834

Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	13.4	11.7	17.5

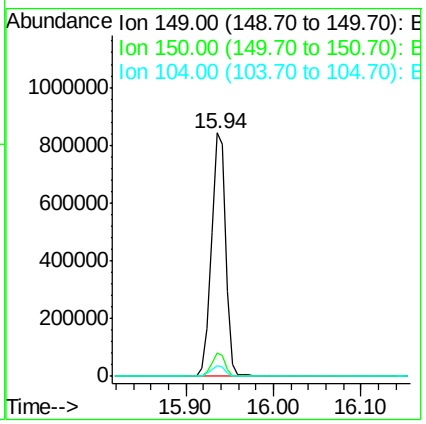




#73
Di-n-butylphthalate
Concen: 41.18 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

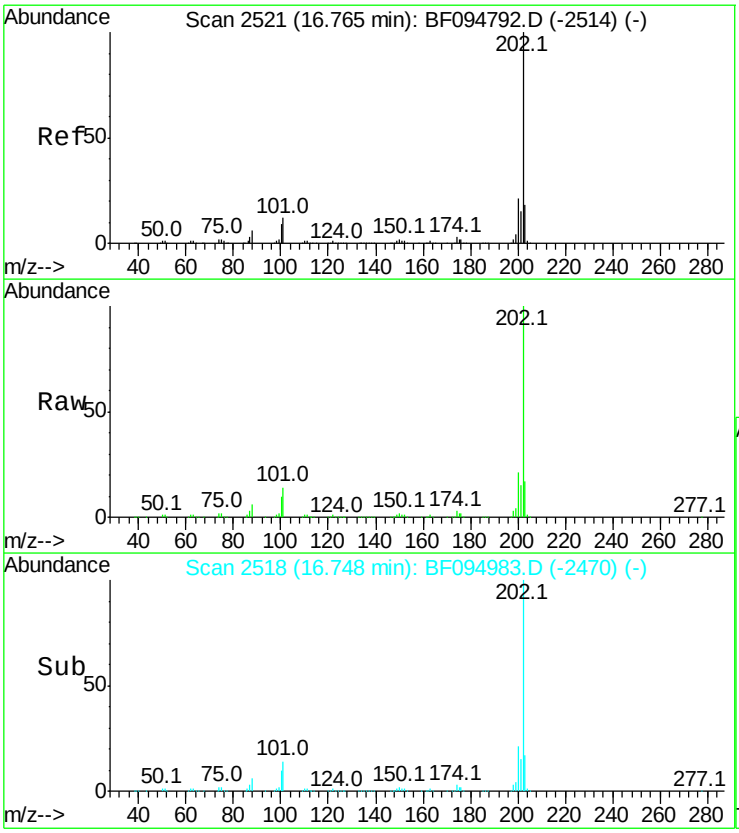
Tgt Ion:149 Resp: 961856

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.6	4.0	6.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

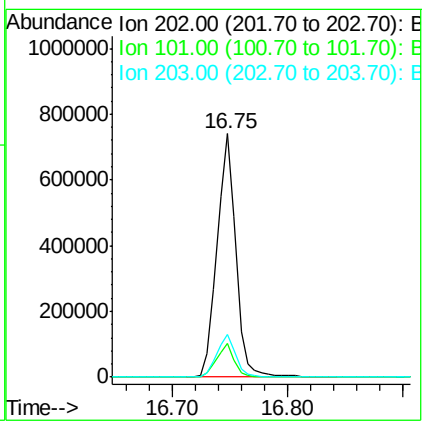
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

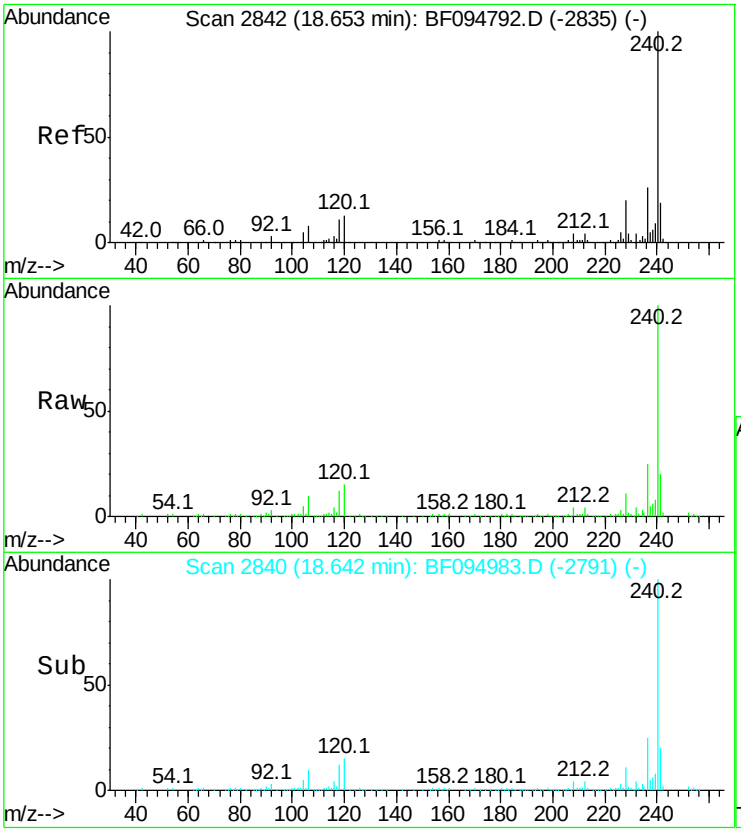


#74
Fluoranthene
Concen: 40.43 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:202 Resp: 835658

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	17.5	0.0	38.1

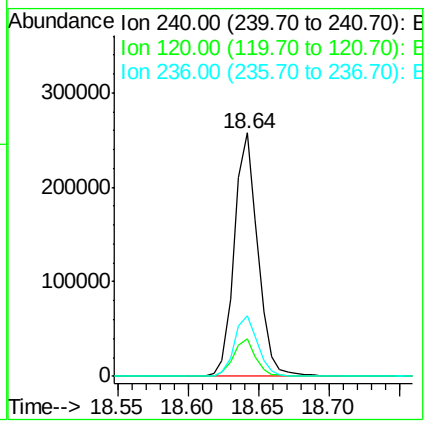




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

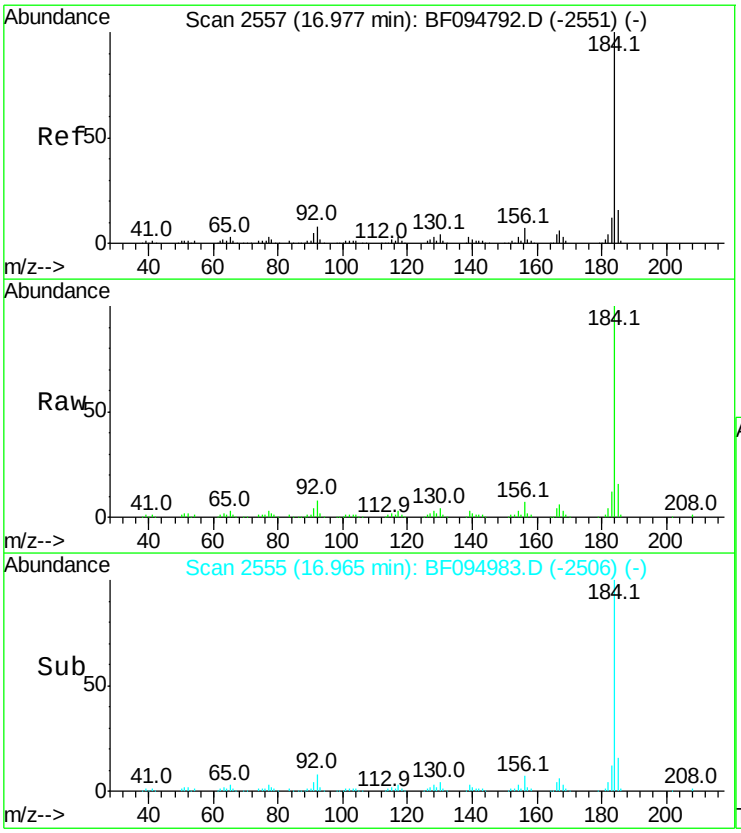
Tgt Ion:240 Resp: 297545

Ion	Ratio	Lower	Upper
240	100		
120	15.3	5.8	8.8#
236	24.9	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

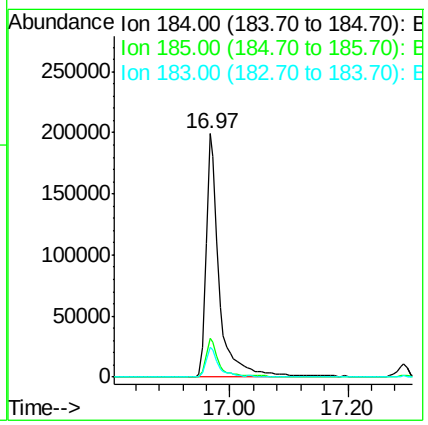
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

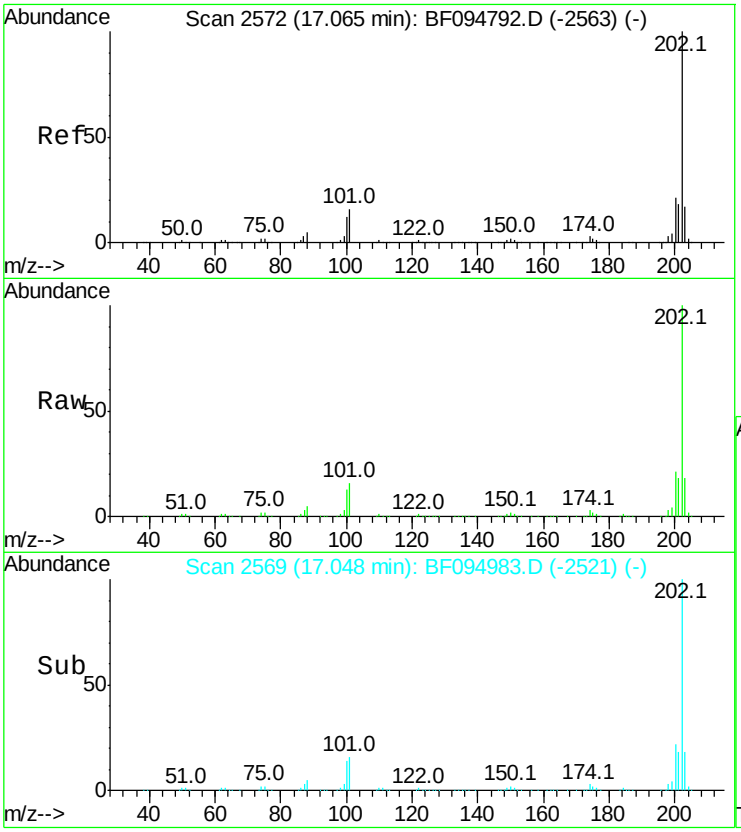


#76
Benzidine
Concen: 39.92 ng
RT: 16.97 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:184 Resp: 310865

Ion	Ratio	Lower	Upper
184	100		
185	15.9	15.5	23.3
183	12.3	9.8	14.6

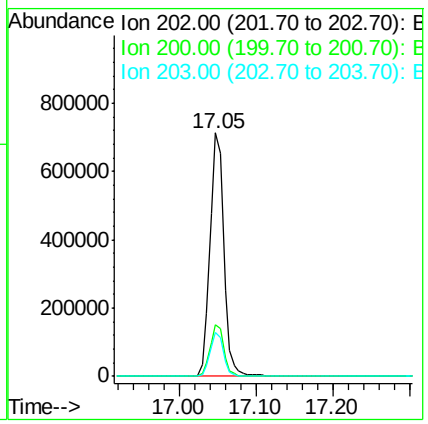




#77
Pyrene
Concen: 39.50 ng
RT: 17.05 min Scan# 2569
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

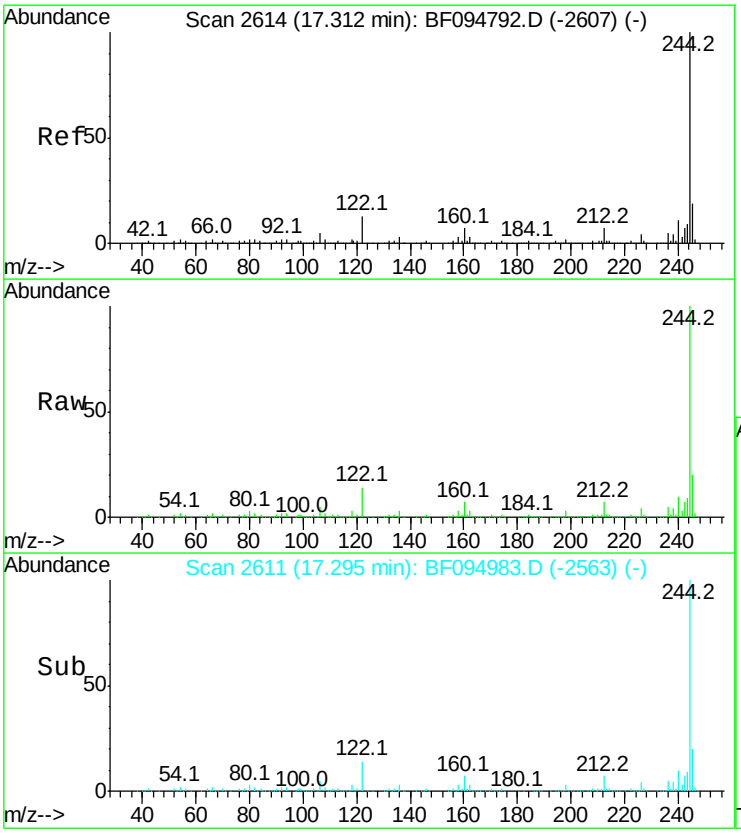
Tgt Ion:202 Resp: 878888

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.0	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

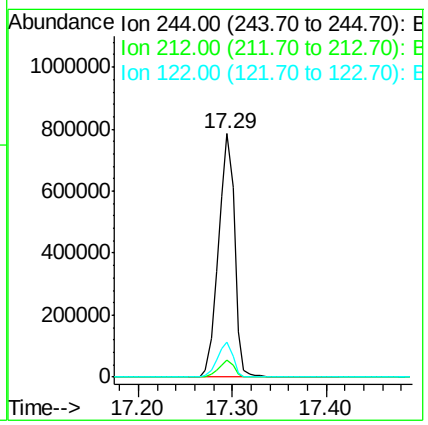
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

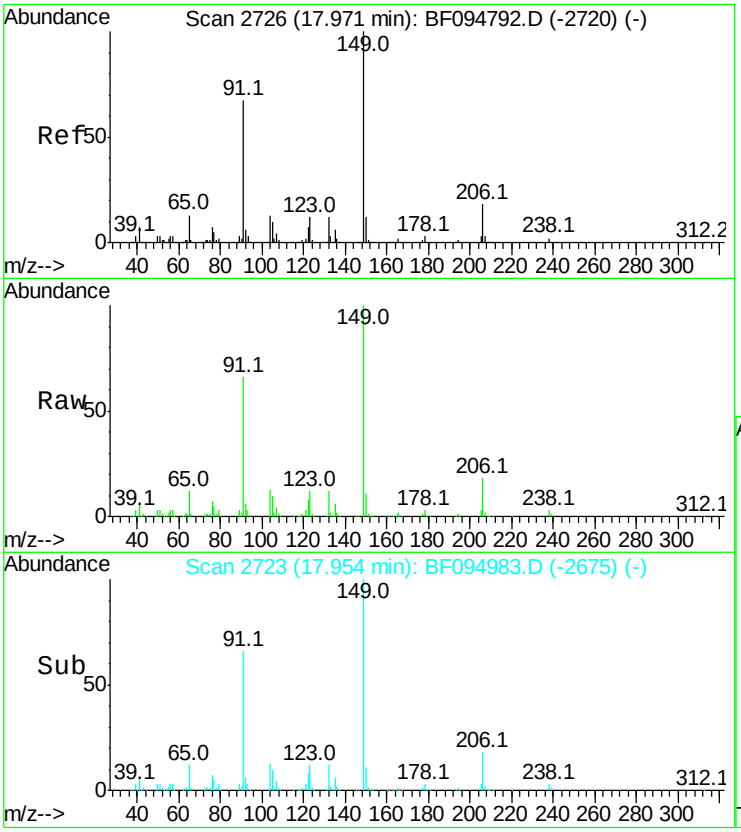


#78
Terphenyl-d14
Concen: 70.01 ng
RT: 17.29 min Scan# 2611
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:244 Resp: 945815

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.1	10.3	15.5

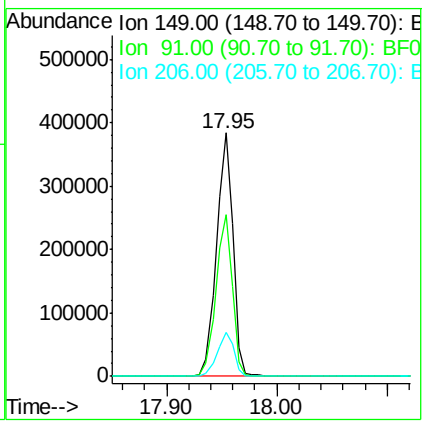




#79
Butylbenzylphthalate
Concen: 38.43 ng
RT: 17.95 min Scan# 2723
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

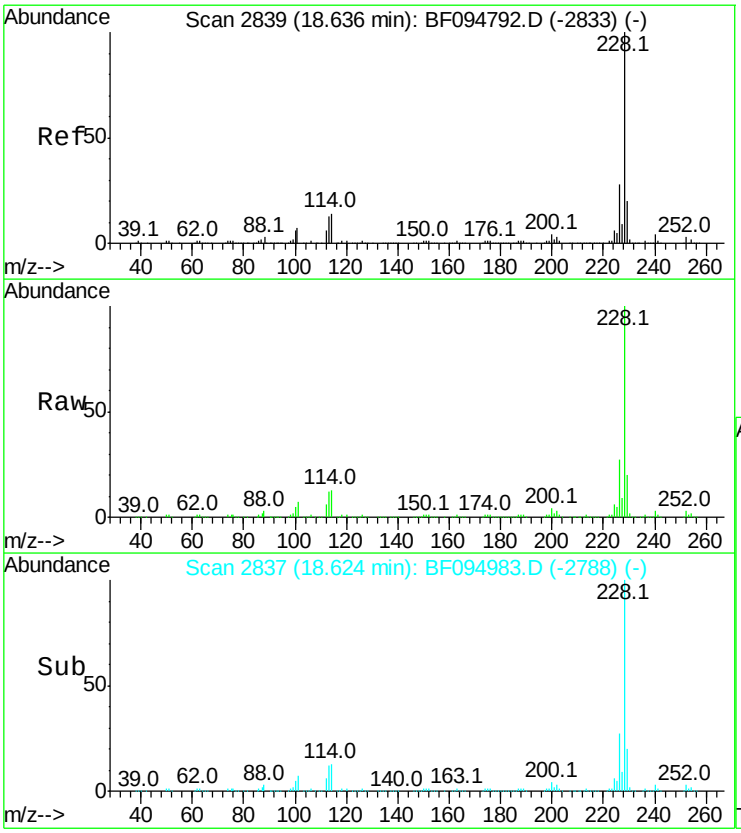
Tgt Ion:149 Resp: 397806

Ion	Ratio	Lower	Upper
149	100		
91	66.3	45.0	67.4
206	18.3	17.0	25.6



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

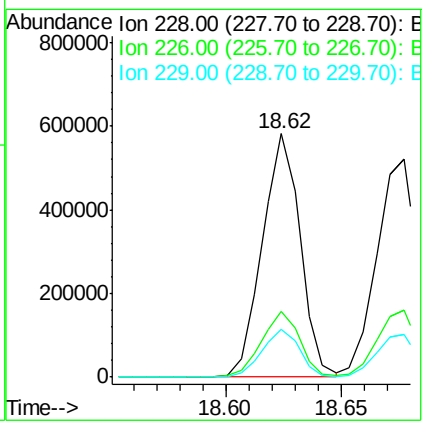
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

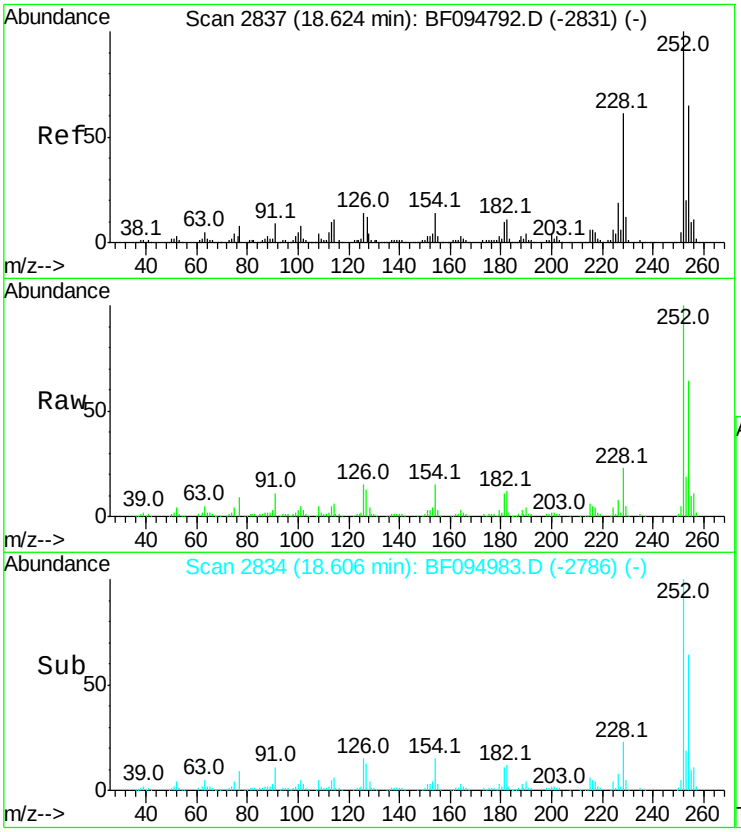


#80
Benzo(a)anthracene
Concen: 38.22 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:228 Resp: 661904

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.6	16.3	24.5

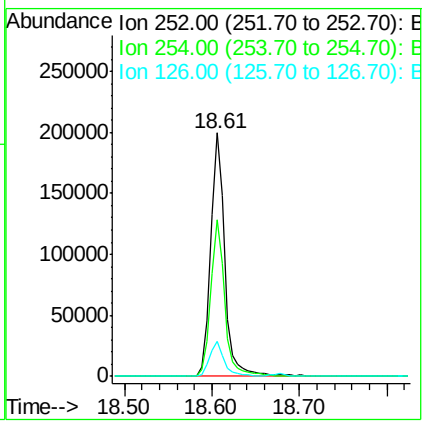




#81
3,3'-Dichlorobenzidine
Concen: 37.81 ng
RT: 18.61 min Scan# 2834
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

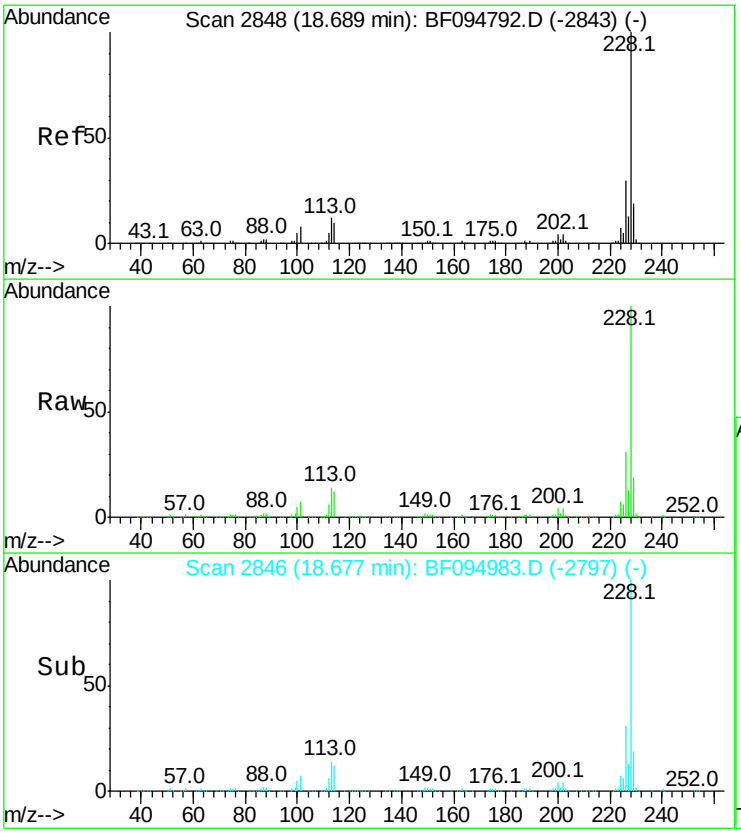
Tgt Ion:252 Resp: 226165

Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	14.6	15.8	23.8#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

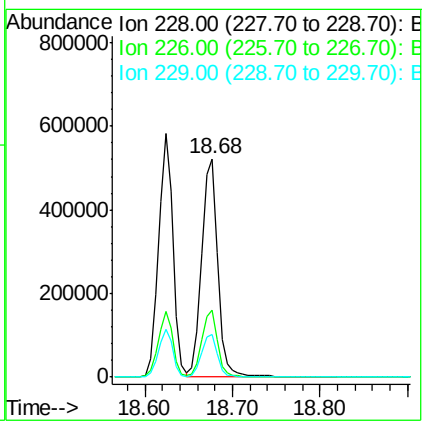
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

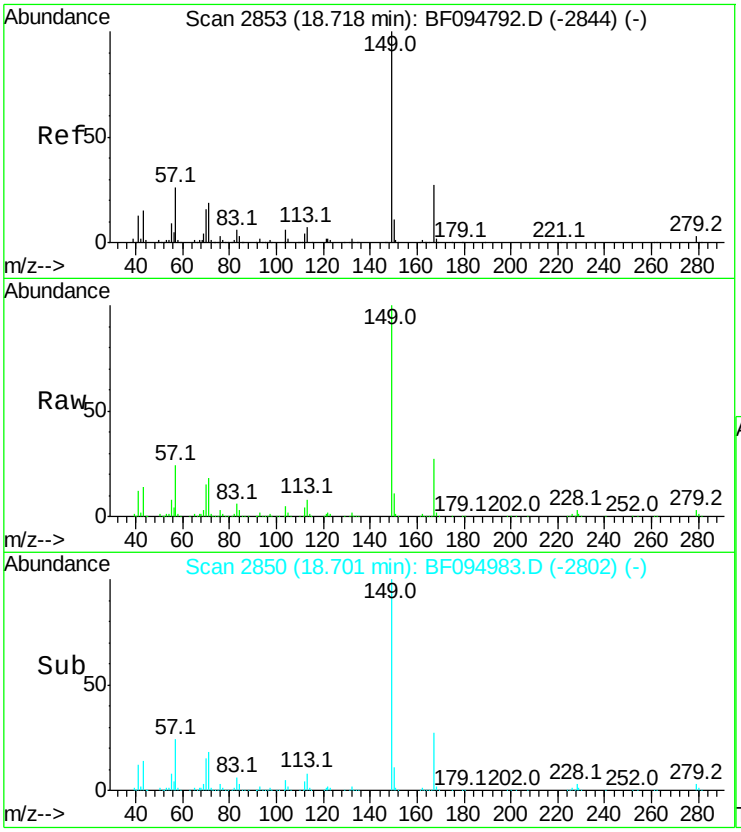


#82
Chrysene
Concen: 40.40 ng
RT: 18.68 min Scan# 2846
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:228 Resp: 676497

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	19.4	15.8	23.6

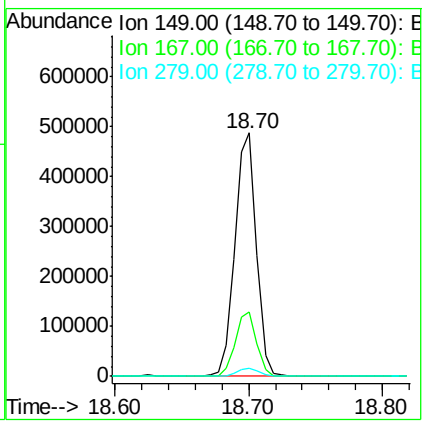




#83
Bis(2-ethylhexyl)phthalate
Concen: 37.02 ng
RT: 18.70 min Scan# 2850
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

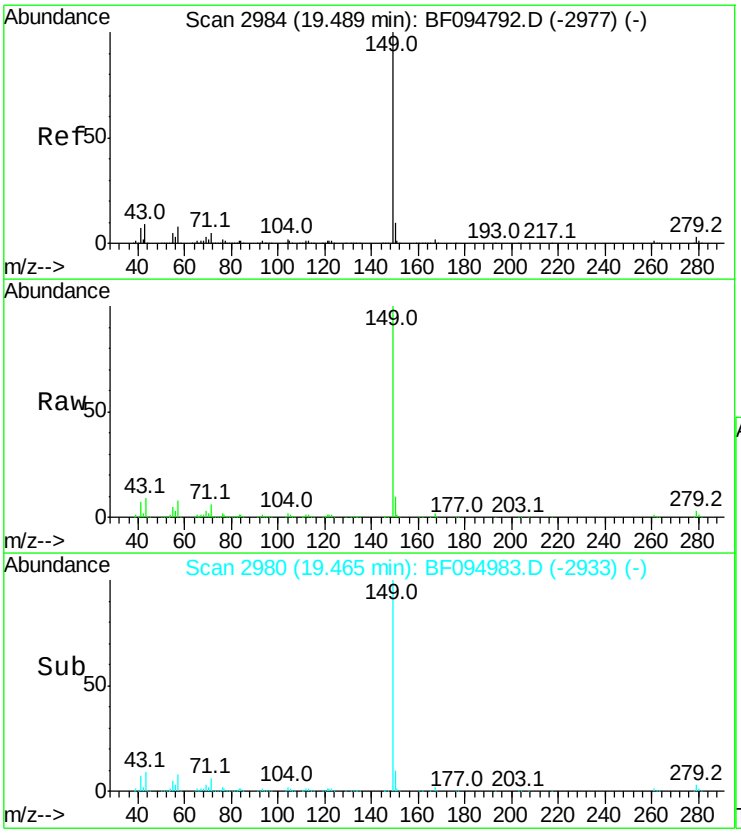
Tgt Ion:149 Resp: 545961

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.3	1.9	2.9#



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

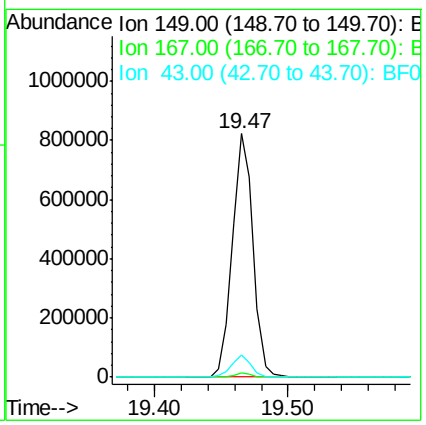
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

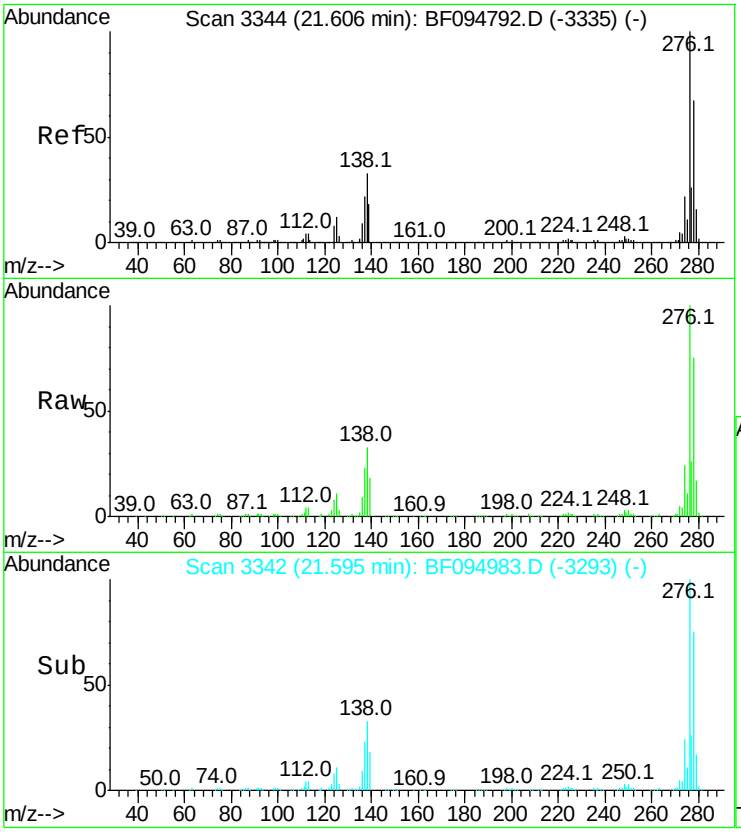


#84
Di-n-octyl phthalate
Concen: 36.84 ng
RT: 19.47 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:149 Resp: 890633

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.6	8.5	12.7

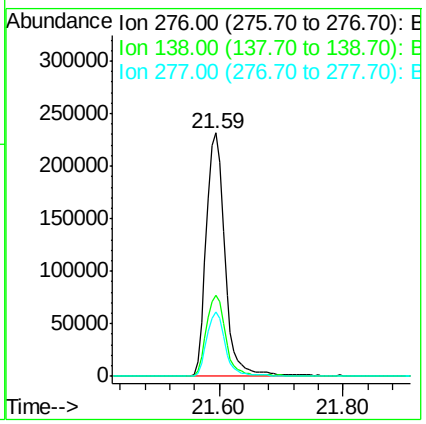




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.56 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

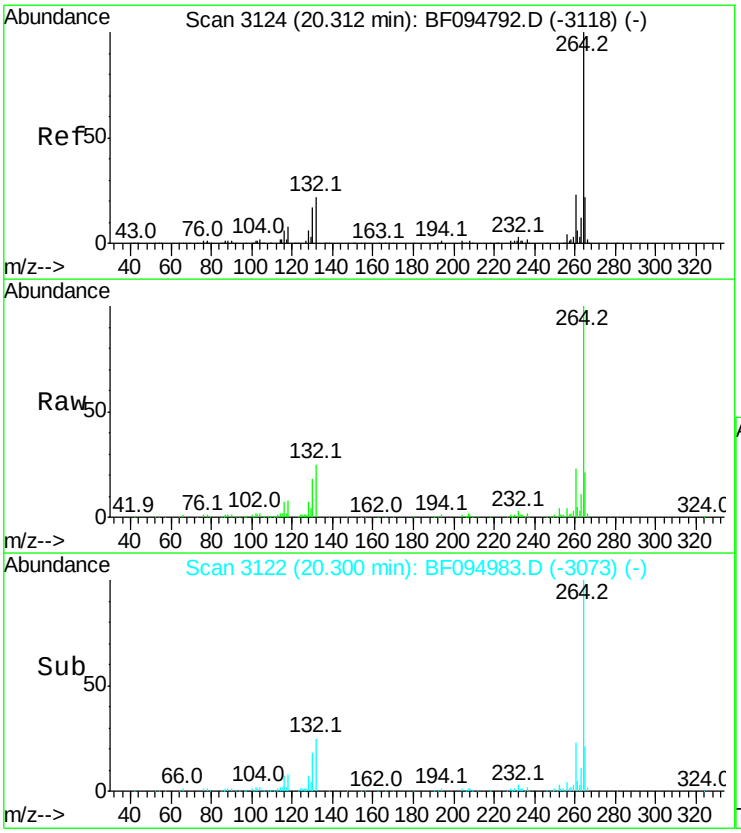
Tgt Ion:276 Resp: 483604

Ion	Ratio	Lower	Upper
276	100		
138	34.5	27.8	41.6
277	26.1	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

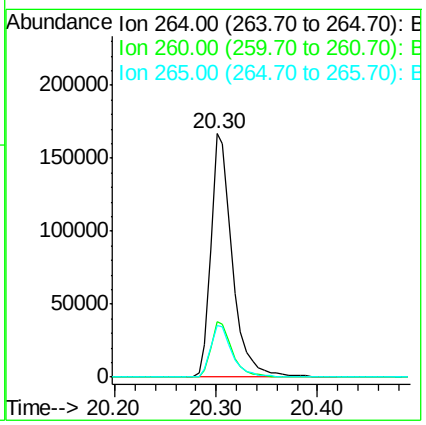
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

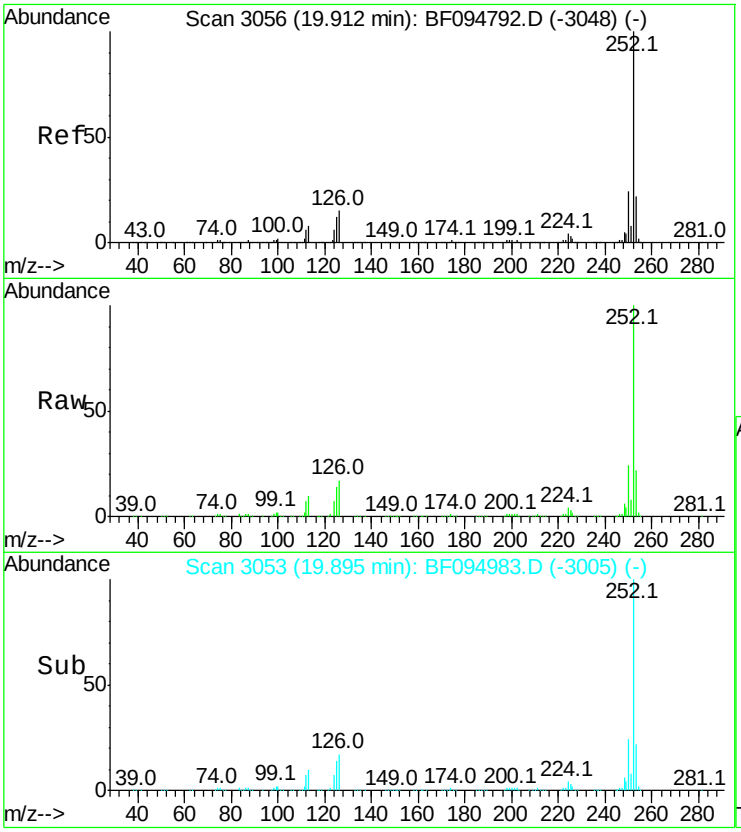


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:264 Resp: 243682

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.1	17.2	25.8

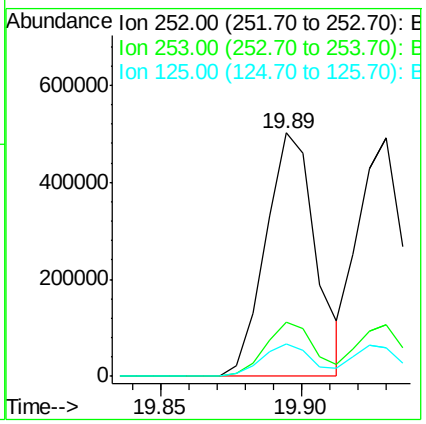




#87
Benzo(b)fluoranthene
Concen: 41.03 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

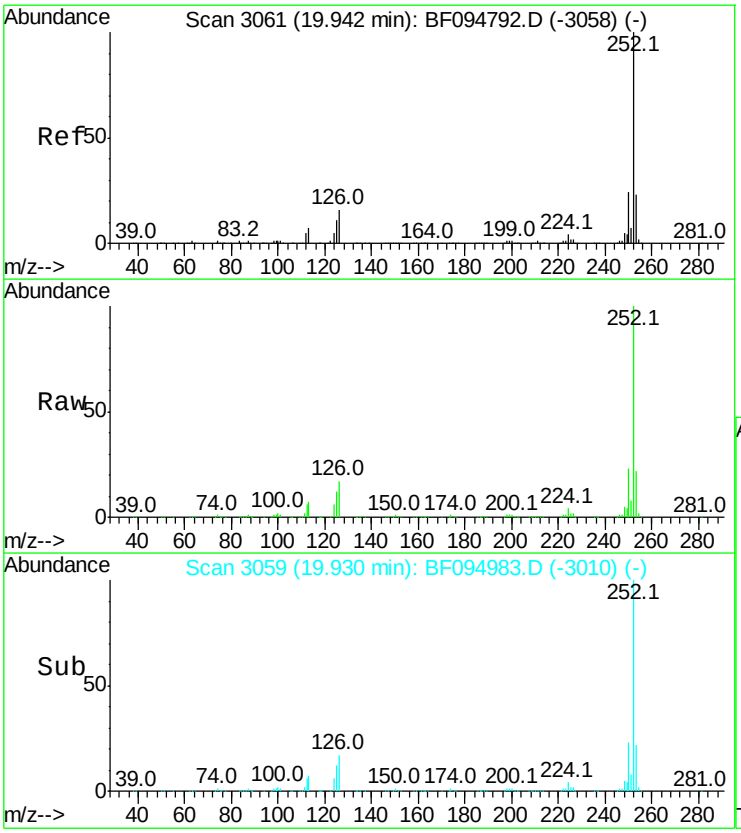
Tgt Ion:252 Resp: 617828

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.5	9.8	14.8



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

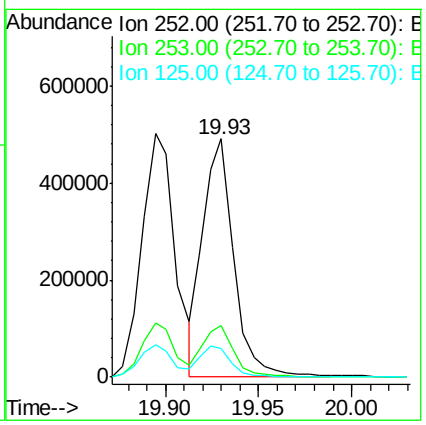
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

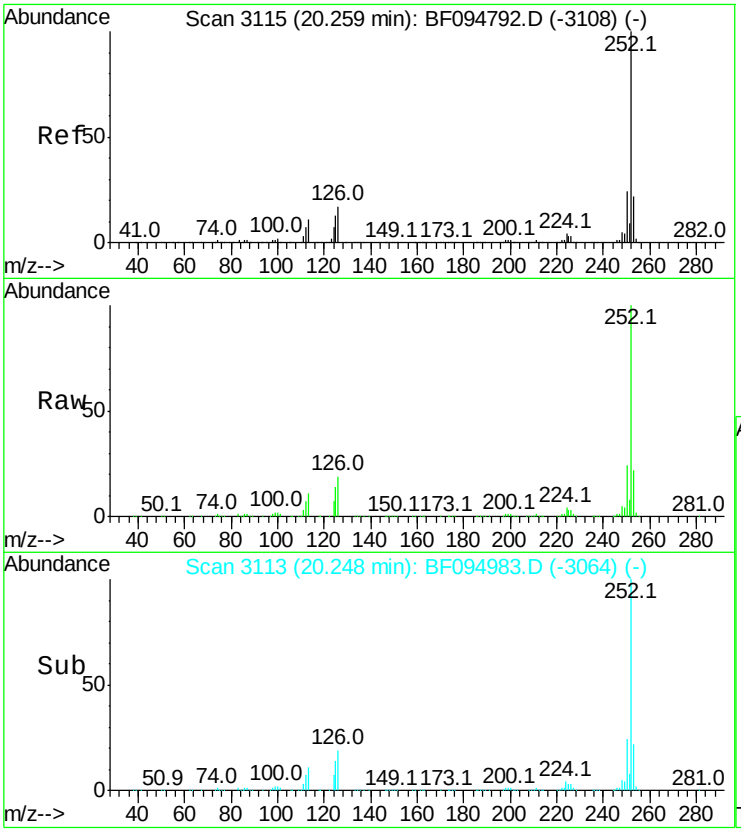


#88
Benzo(k)fluoranthene
Concen: 39.69 ng m
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:252 Resp: 576474

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	12.1	13.1	19.7#

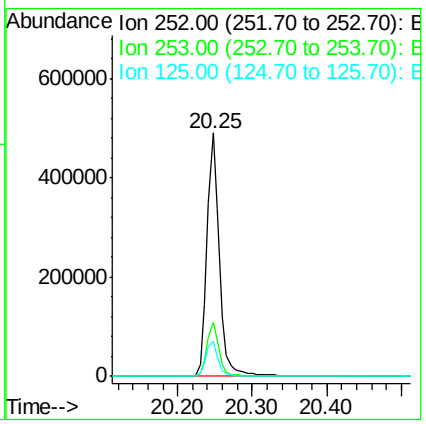




#89
Benzo(a)pyrene
Concen: 40.60 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

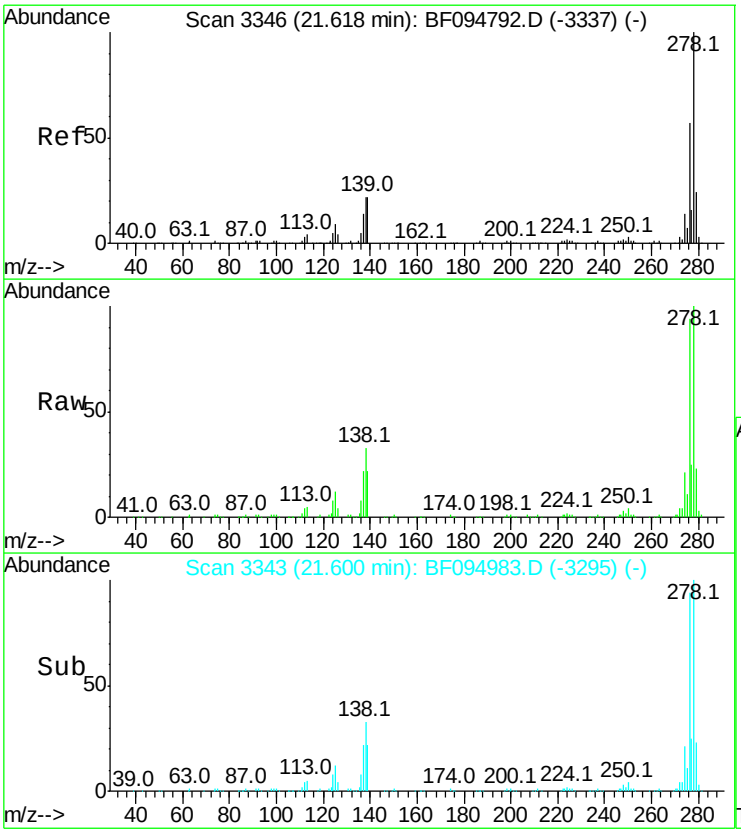
Tgt Ion:252 Resp: 564095

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.3	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

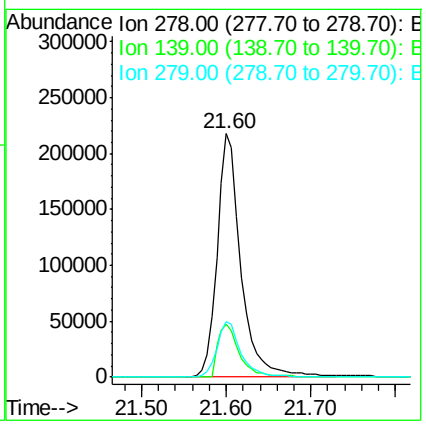
Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM

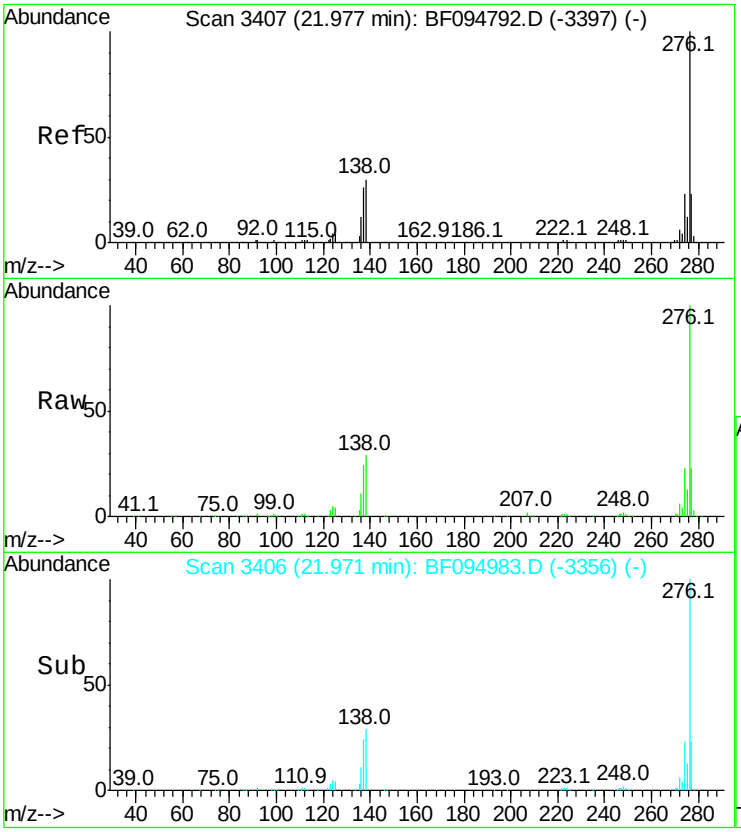


#90
Dibenzo(a,h)anthracene
Concen: 37.07 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:278 Resp: 425341

Ion	Ratio	Lower	Upper
278	100		
139	21.5	16.6	24.8
279	22.7	19.3	28.9

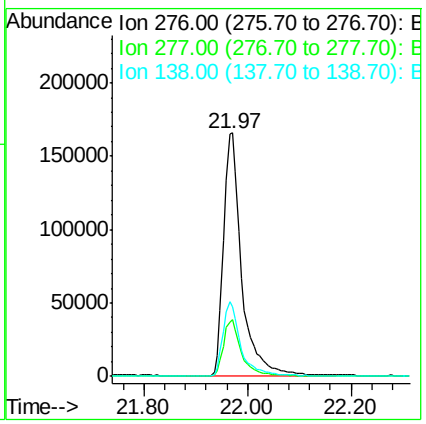




#91
Benzo(g,h,i)perylene
Concen: 36.00 ng
RT: 21.97 min Scan# 3406
Delta R.T. -0.01 min
Lab File: BF094983.D
Acq: 8 May 2017 16:43

Tgt Ion:276 Resp: 405331

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	28.7	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:24 PM