Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092314.D
Acq On : 17 Jan 2017 7:01
Operator : UM/SJ
Sample : I1182-05MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

Quant Time: Jan 17 13:01:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170499	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	868089	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	423216	20.00	ng		-0.01
63) Phenanthrene-d10	11.08	188	603831	20.00	ng		0.00
75) Chrysene-d12	13.70	240	275730	20.00	ng		-0.01
86) Perylene-d12	15.06	264	345865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	1507886	147.67	ng		0.02
7) Phenol-d6	6.24	99	1812927	145.42	ng		0.01
23) Nitrobenzene-d5	7.15	82	1584906	101.52	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	469599	134.08	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	2239684	112.62	ng		0.00
78) Terphenyl-d14	12.66	244	1486596	130.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	246998	49.13	ng	#	84
3) Pyridine	2.78	79	378213m	21.56	ng		
4) n-Nitrosodimethylamine	2.70	42	289754	43.78	ng		97
6) Aniline	6.23	93	115077	7.11	ng	#	74
8) 2-Chlorophenol	6.36	128	600944	51.74	ng		97
10) Phenol	6.26	94	697550	49.10	ng	#	67
11) bis(2-Chloroethyl)ether	6.31	93	606493	53.66	ng		99
12) 1,3-Dichlorobenzene	6.51	146	629303	50.75	ng		98
13) 1,4-Dichlorobenzene	6.59	146	619474m	49.08	ng		
14) 1,2-Dichlorobenzene	6.74	146	576975	52.69	ng		99
15) Benzyl Alcohol	6.74	79	472395	48.77	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.86	45	917098	54.48	ng	#	48
17) 2-Methylphenol	6.86	107	493441	52.82	ng	#	89
18) Hexachloroethane	7.07	117	264570	56.54	ng	#	85
19) n-Nitroso-di-n-propylamine	7.00	70	472303	56.95	ng		96
20) 3+4-Methylphenols	7.02	107	754536	67.72	ng	#	71
22) Acetophenone	6.99	105	959371	44.81	ng	#	93
24) Nitrobenzene	7.16	77	748574	45.02	ng		95
25) Isophorone	7.40	82	1404481	48.76	ng		94
26) 2-Nitrophenol	7.48	139	415087	50.62	ng		89
27) 2,4-Dimethylphenol	7.54	122	605025	44.49	ng		98
28) bis(2-Chloroethoxy)methane	7.62	93	887829	50.83	ng		98
29) 2,4-Dichlorophenol	7.73	162	611214	53.07	ng		89
30) 1,2,4-Trichlorobenzene	7.80	180	607523	48.14	ng		97
31) Naphthalene	7.88	128	2081482	52.39	ng		99
32) Benzoic acid	7.71	122	408039	40.45	ng		96
33) 4-Chloroaniline	7.95	127	95185	5.31	ng		99
34) Hexachlorobutadiene	7.99	225	323659	48.59	ng		97
35) Caprolactam	8.32	113	157738m	41.68	ng		
36) 4-Chloro-3-methylphenol	8.45	107	636778	48.05	ng		93
37) 2-Methylnaphthalene	8.56	142	1264249	59.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	574392	53.72	ng		99
40) Hexachlorocyclopentadiene	8.71	237	311404	66.12	ng		95
42) 2,4,6-Trichlorophenol	8.86	196	371748	49.71	ng		99

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092314.D
Acq On : 17 Jan 2017 7:01
Operator : UM/SJ
Sample : I1182-05MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

Quant Time: Jan 17 13:01:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.91	196	375224	48.76	ng		98
45) 1,1'-Biphenyl	9.03	154	1654173	57.08	ng		98
46) 2-Chloronaphthalene	9.06	162	1234907	53.81	ng		97
47) 2-Nitroaniline	9.16	65	337850	41.35	ng		99
48) Acenaphthylene	9.46	152	1735617	49.18	ng		99
49) Dimethylphthalate	9.34	163	1354487	50.04	ng		98
50) 2,6-Dinitrotoluene	9.41	165	328585	55.46	ng	#	85
51) Acenaphthene	9.63	154	1078925	45.09	ng		100
52) 3-Nitroaniline	9.57	138	64993	8.86	ng		100
53) 2,4-Dinitrophenol	9.70	184	296922	90.07	ng	#	91
54) Dibenzofuran	9.81	168	1557088	48.19	ng		93
55) 4-Nitrophenol	9.78	139	303059m	60.88	ng		
56) 2,4-Dinitrotoluene	9.81	165	333241	44.81	ng	#	83
57) Fluorene	10.14	166	1102171	46.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	318388	52.31	ng		94
59) Diethylphthalate	10.04	149	1250453	47.57	ng		98
60) 4-Chlorophenyl-phenylether	10.14	204	486190	47.23	ng		94
61) 4-Nitroaniline	10.19	138	272023	35.80	ng		87
62) Azobenzene	10.30	77	1493349	51.60	ng		94
64) 4,6-Dinitro-2-methylphenol	10.22	198	197258	54.02	ng		78
65) n-Nitrosodiphenylamine	10.27	169	1026520	57.29	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	354150	56.38	ng	#	75
67) Hexachlorobenzene	10.69	284	330337	49.20	ng	#	85
68) Atrazine	10.80	200	271009	46.89	ng		95
69) Pentachlorophenol	10.90	266	295567	89.72	ng		99
70) Phenanthrene	11.10	178	1699898	51.92	ng		99
71) Anthracene	11.15	178	1554979	60.81	ng		99
72) Carbazole	11.32	167	1378099	60.17	ng	#	96
73) Di-n-butylphthalate	11.65	149	1814843	59.85	ng		99
74) Fluoranthene	12.28	202	1385225	48.52	ng		98
77) Pyrene	12.51	202	1406545	69.53	ng		99
79) Butylbenzylphthalate	13.14	149	635456	69.06	ng		95
80) Benzo(a)anthracene	13.69	228	965930	62.06	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	83605	14.17	ng	#	97
82) Chrysene	13.73	228	962510	61.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.70	149	706542	65.21	ng	#	100
84) Di-n-octyl phthalate	14.31	149	1177439	58.66	ng		98
85) Indeno(1,2,3-cd)pyrene	16.29	276	1461908	108.09	ng		98
87) Benzo(b)fluoranthene	14.69	252	1006005m	46.72	ng		
88) Benzo(k)fluoranthene	14.71	252	1008426m	54.92	ng		
89) Benzo(a)pyrene	15.00	252	985219	51.55	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	1188314	75.64	ng		97
91) Benzo(g,h,i)perylene	16.66	276	1280909	78.42	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092314.D
Acq On : 17 Jan 2017 7:01
Operator : UM/SJ
Sample : I1182-05MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

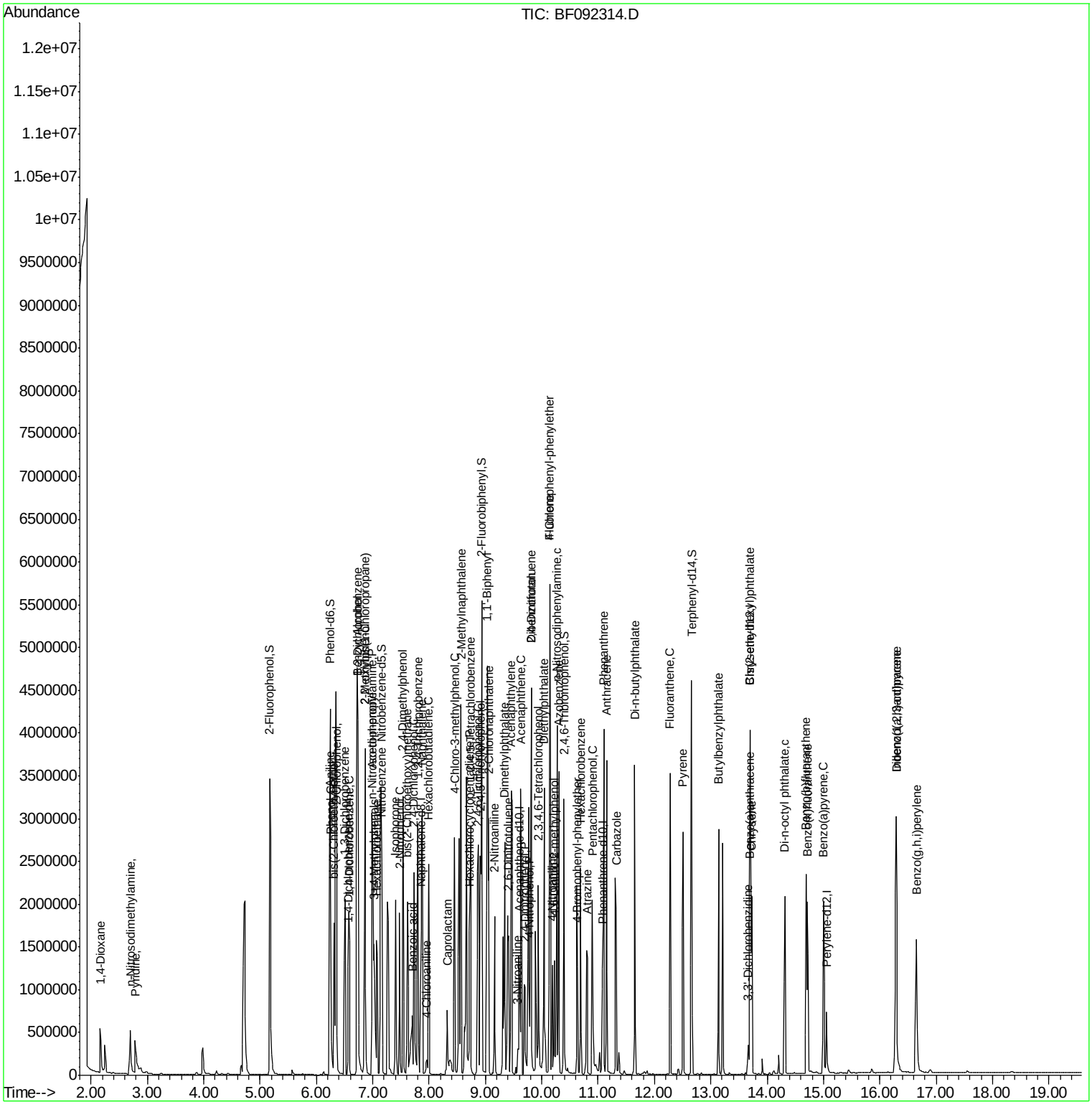
Quant Time: Jan 17 13:01:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

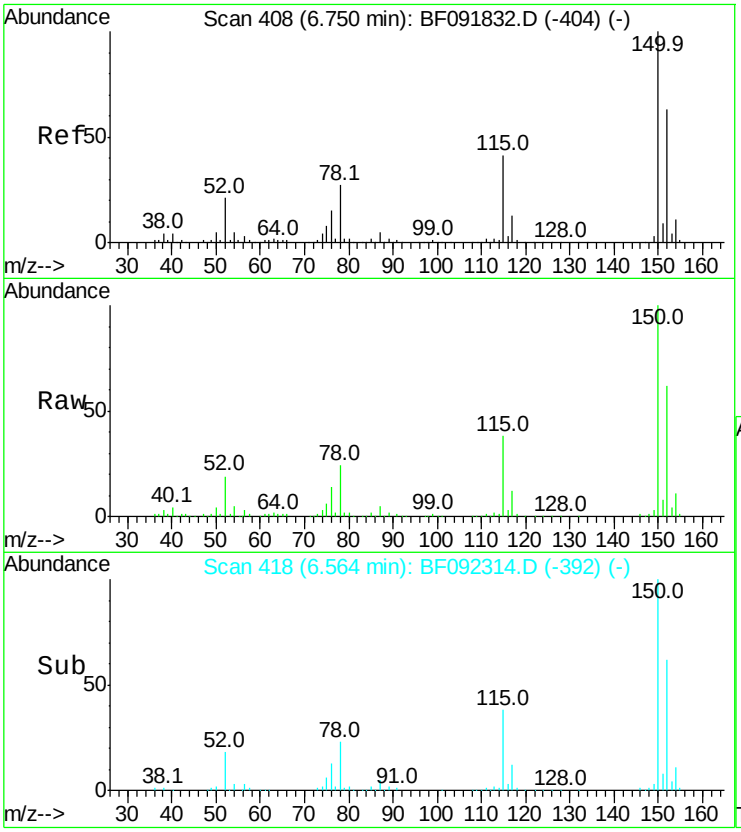
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

1/17/2017 4:58:27 PM

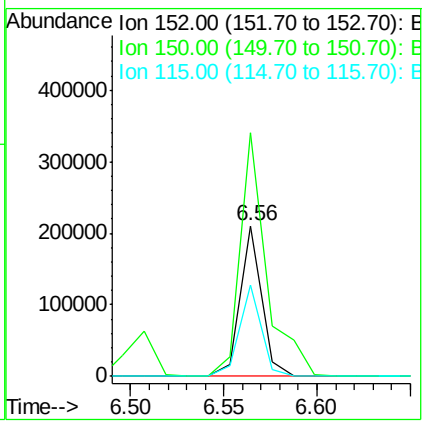




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:152 Resp: 170499

Ion	Ratio	Lower	Upper
152	100		
150	161.6	124.9	187.3
115	61.0	46.0	69.0

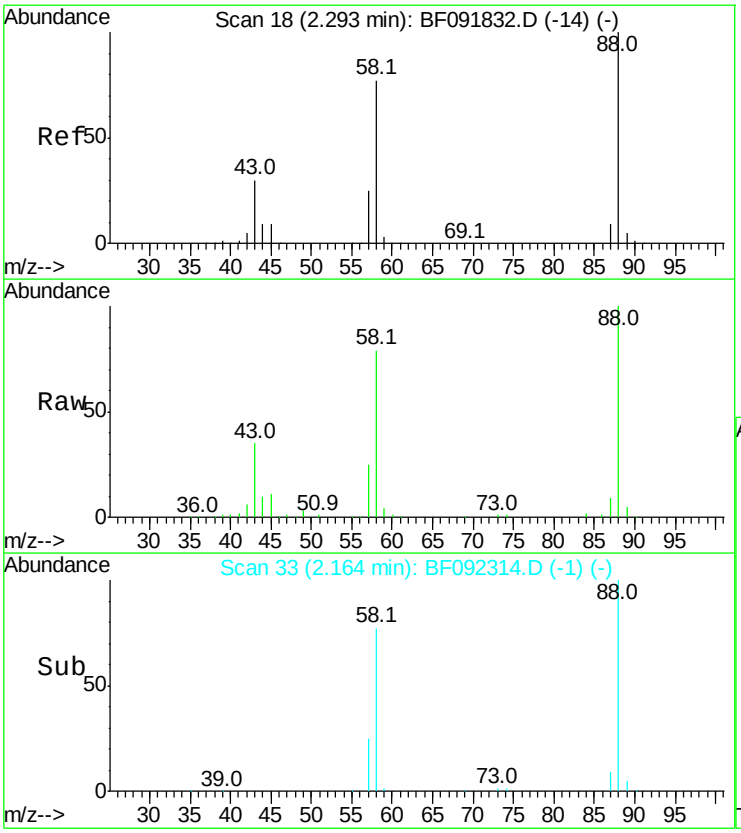


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

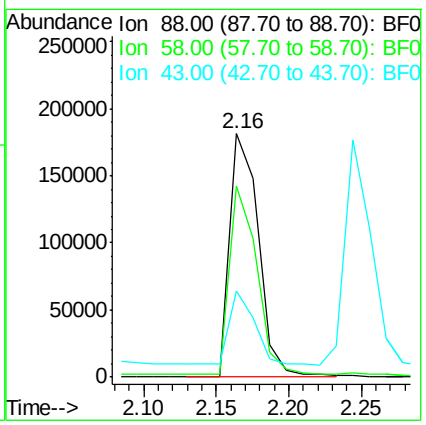
1/17/2017 4:58:27 PM

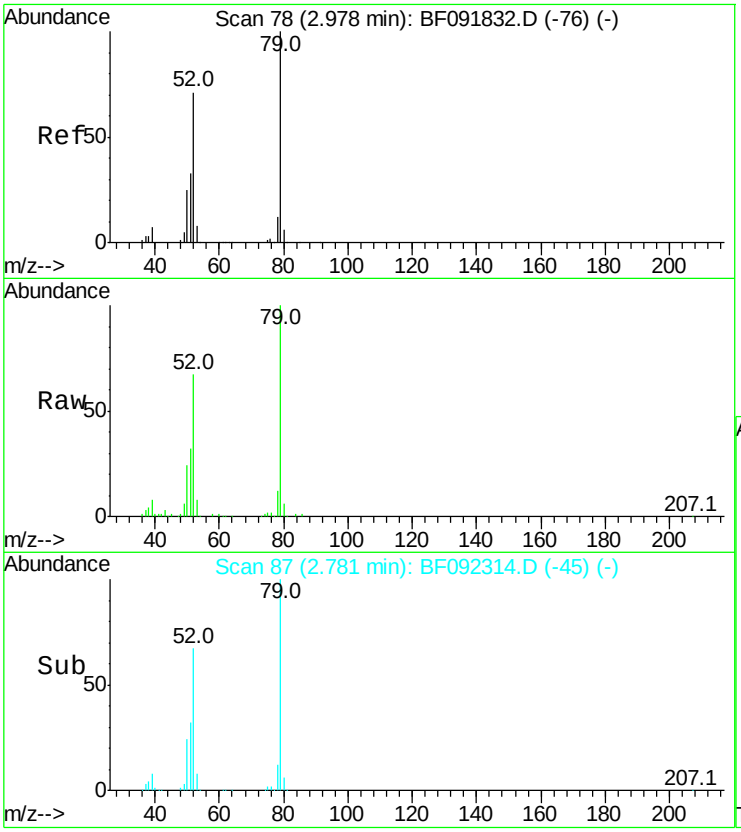


#2
1,4-Dioxane
Concen: 49.13 ng
RT: 2.16 min Scan# 33
Delta R.T. 0.18 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 88 Resp: 246998

Ion	Ratio	Lower	Upper
88	100		
58	73.9	57.8	86.8
43	0.0	22.3	33.5#

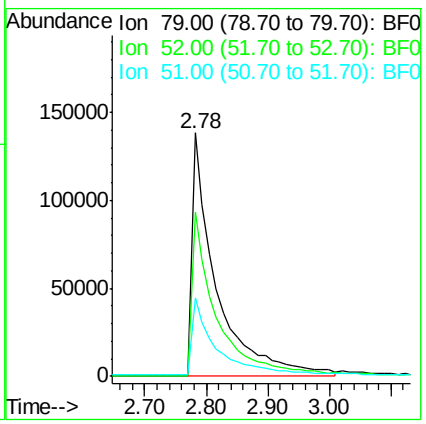




#3
Pyridine
Concen: 21.56 ng m
RT: 2.78 min Scan# 87
Delta R.T. 0.18 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 79 Resp: 378213

Ion	Ratio	Lower	Upper
79	100		
52	67.5	57.1	85.7
51	32.4	27.3	40.9

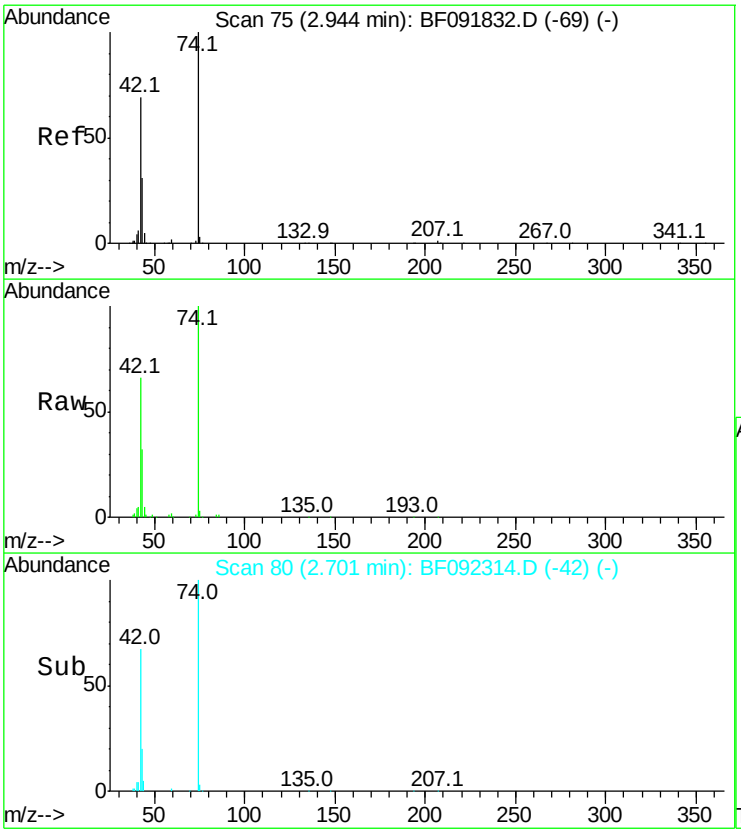


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

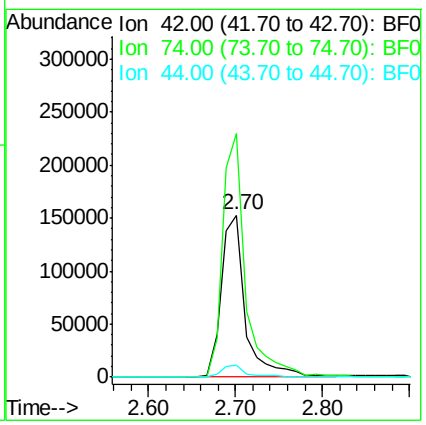
1/17/2017 4:58:27 PM

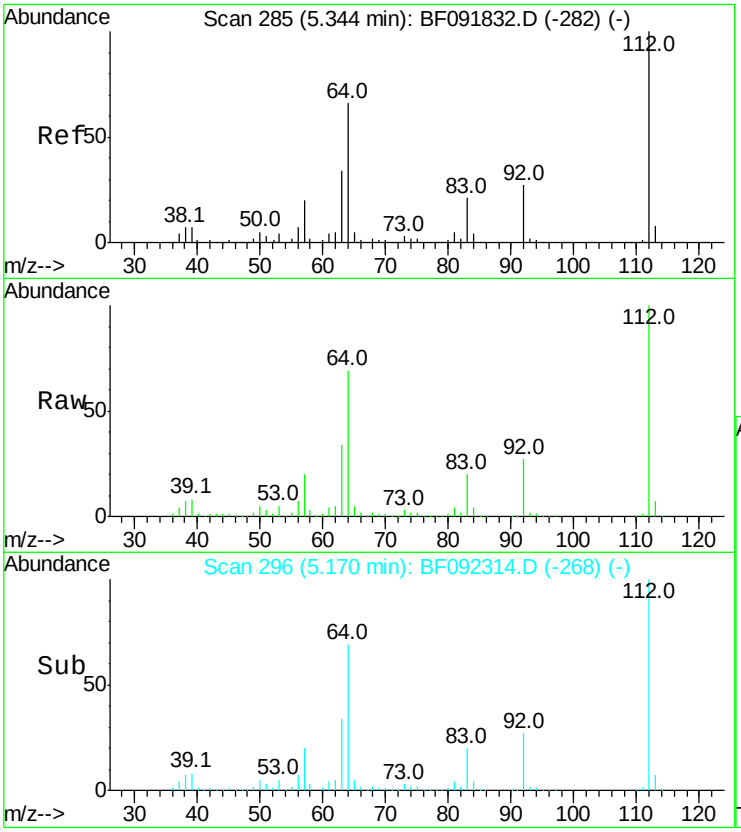


#4
n-Nitrosodimethylamine
Concen: 43.78 ng
RT: 2.70 min Scan# 80
Delta R.T. 0.14 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 42 Resp: 289754

Ion	Ratio	Lower	Upper
42	100		
74	150.5	117.0	175.4
44	7.5	5.5	8.3

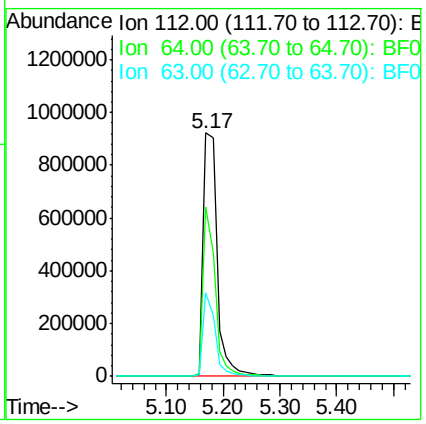




#5
2-Fluorophenol
Concen: 147.67 ng
RT: 5.17 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:112 Resp: 1507886

Ion	Ratio	Lower	Upper
112	100		
64	69.4	46.1	69.1#
63	34.4	23.8	35.6

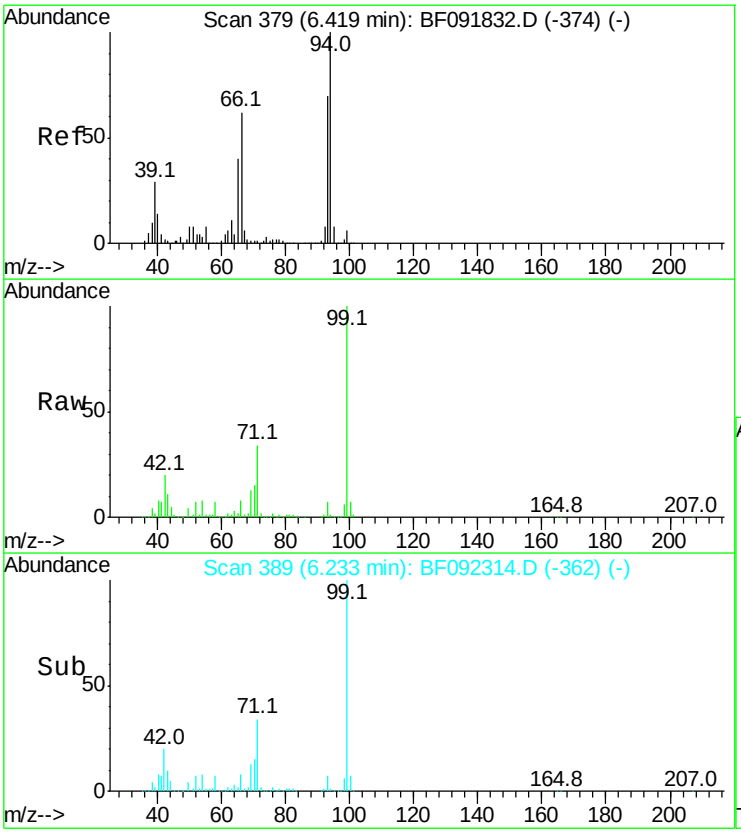


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

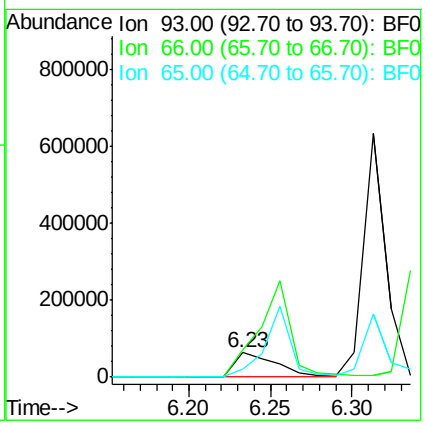
1/17/2017 4:58:27 PM

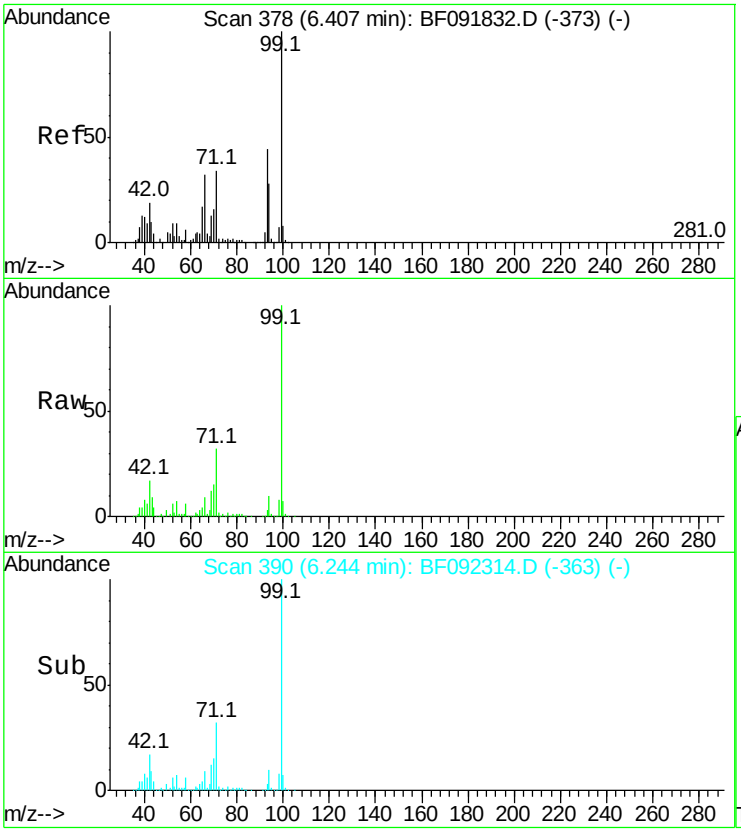


#6
Aniline
Concen: 7.11 ng
RT: 6.23 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 93 Resp: 115077

Ion	Ratio	Lower	Upper
93	100		
66	112.8	76.2	114.2
65	32.8	49.3	73.9#

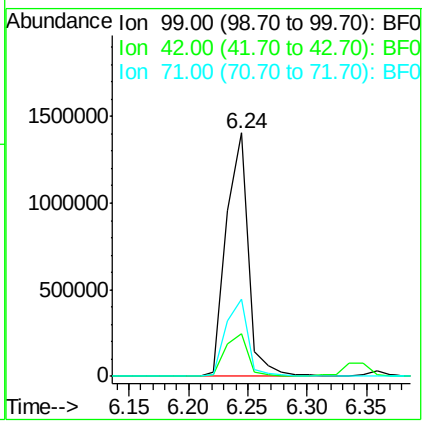




#7
Phenol-d6
Concen: 145.42 ng
RT: 6.24 min Scan# 390
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 99 Resp: 1812927

Ion	Ratio	Lower	Upper
99	100		
42	17.3	15.6	23.4
71	31.8	27.5	41.3

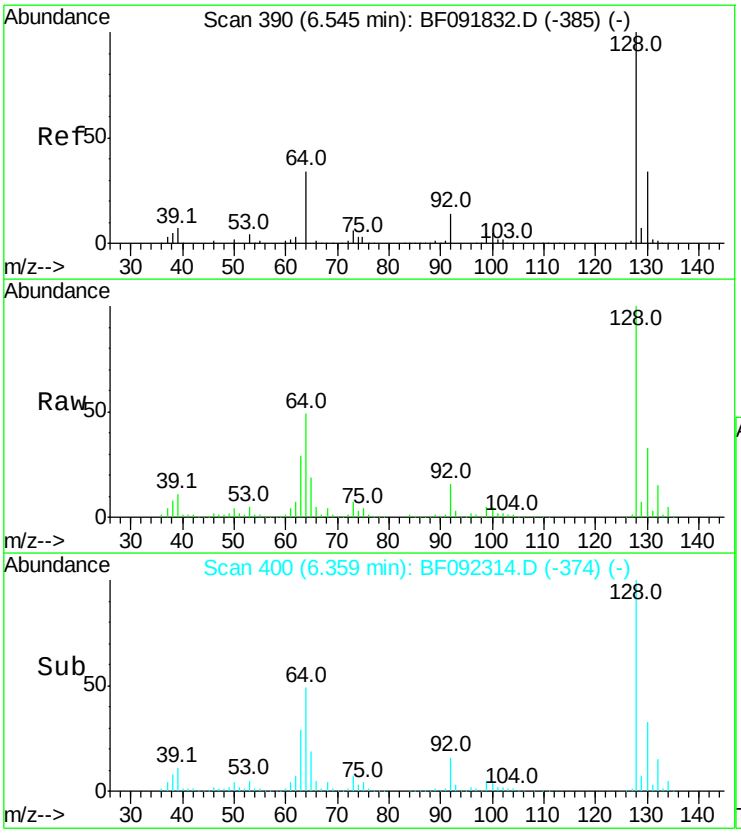


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

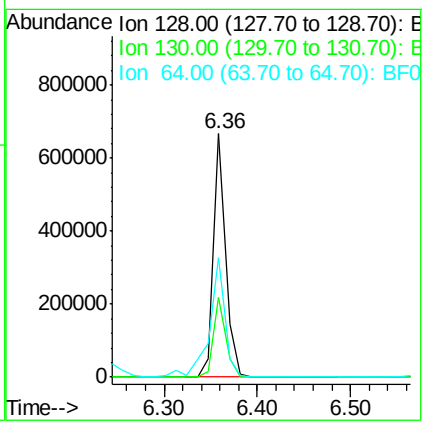
1/17/2017 4:58:27 PM

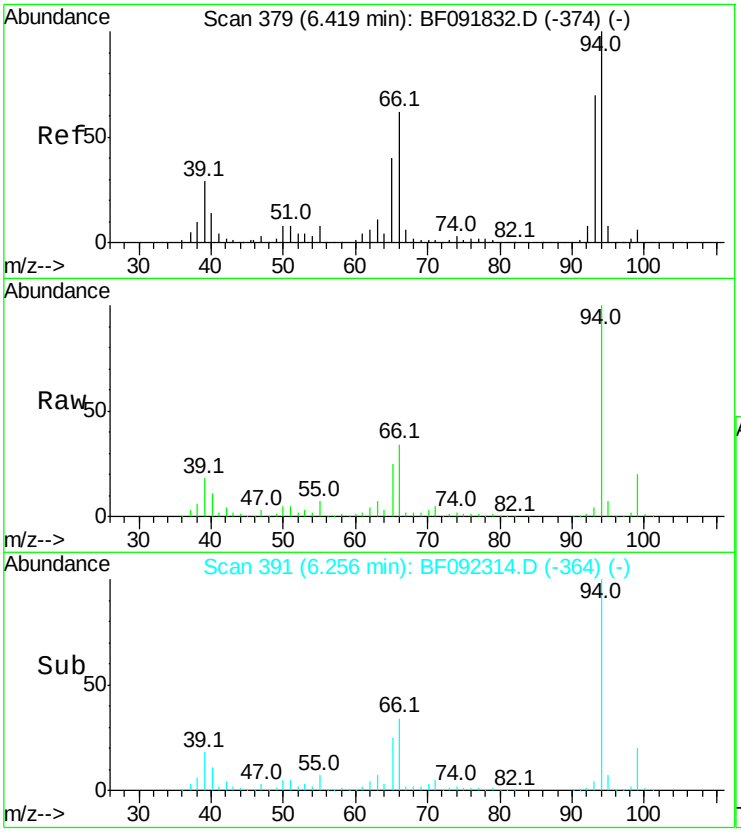


#8
2-Chlorophenol
Concen: 51.74 ng
RT: 6.36 min Scan# 400
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:128 Resp: 600944

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	49.2	32.2	72.2

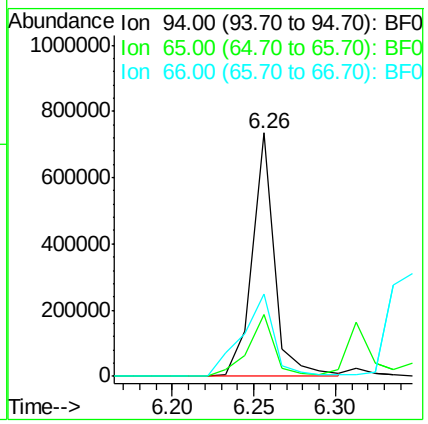




#10
Phenol
Concen: 49.10 ng
RT: 6.26 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 94 Resp: 697550

Ion	Ratio	Lower	Upper
94	100		
65	25.3	21.4	61.4
66	33.9	44.0	84.0#

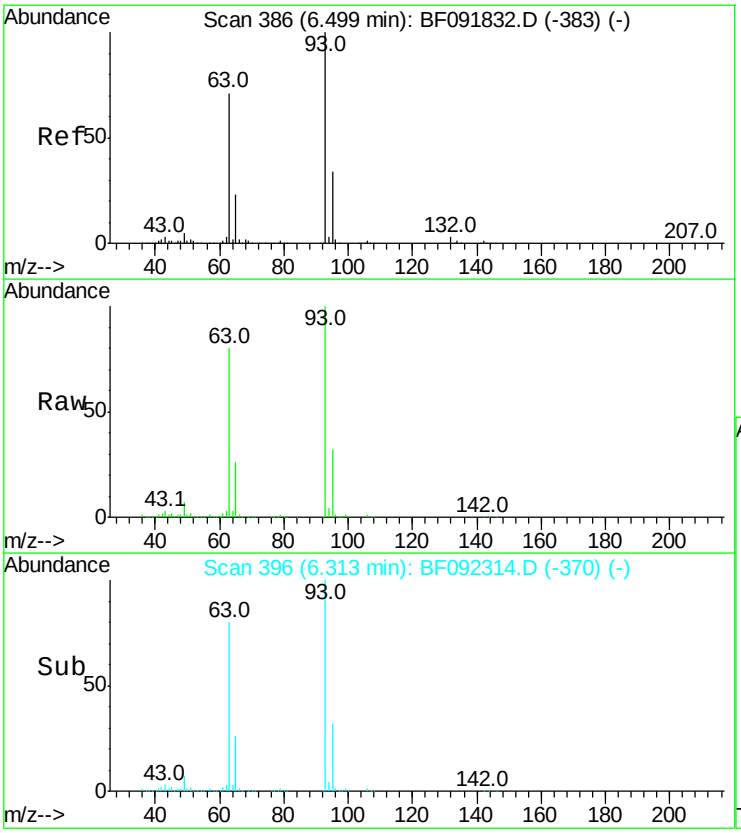


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

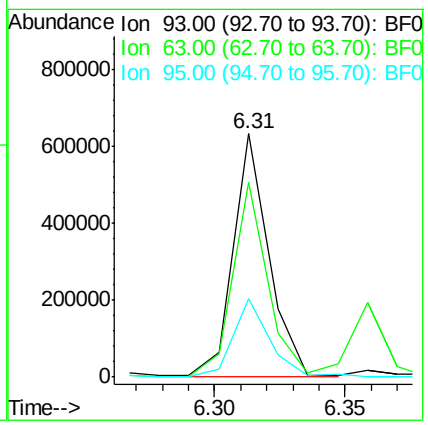
1/17/2017 4:58:27 PM

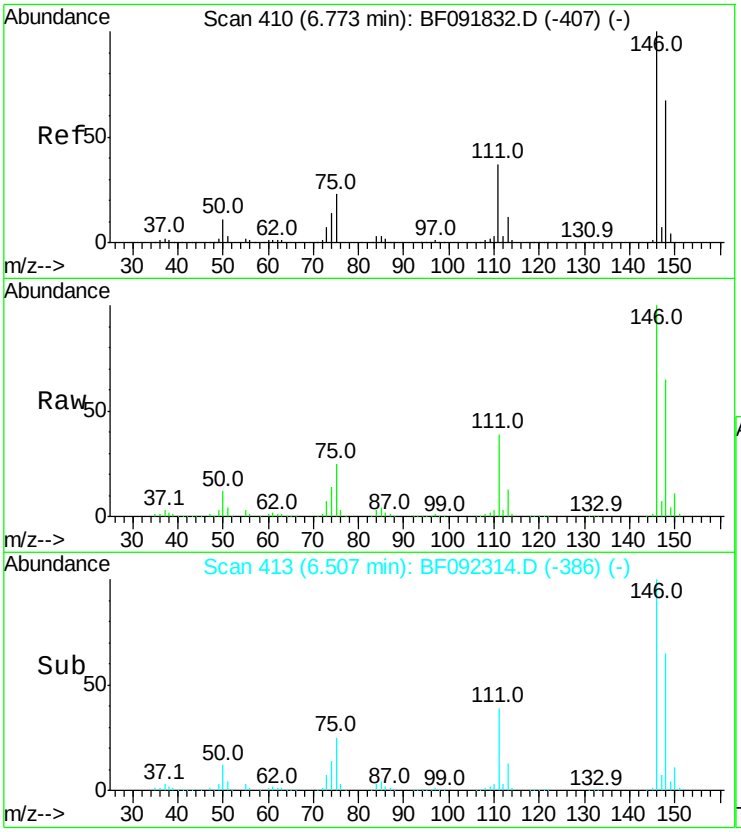


#11
bis(2-Chloroethyl)ether
Concen: 53.66 ng
RT: 6.31 min Scan# 396
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 93 Resp: 606493

Ion	Ratio	Lower	Upper
93	100		
63	80.1	60.4	100.4
95	32.2	12.8	52.8

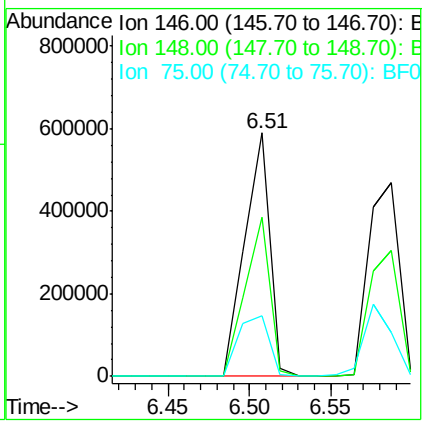




#12
1,3-Dichlorobenzene
Concen: 50.75 ng
RT: 6.51 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

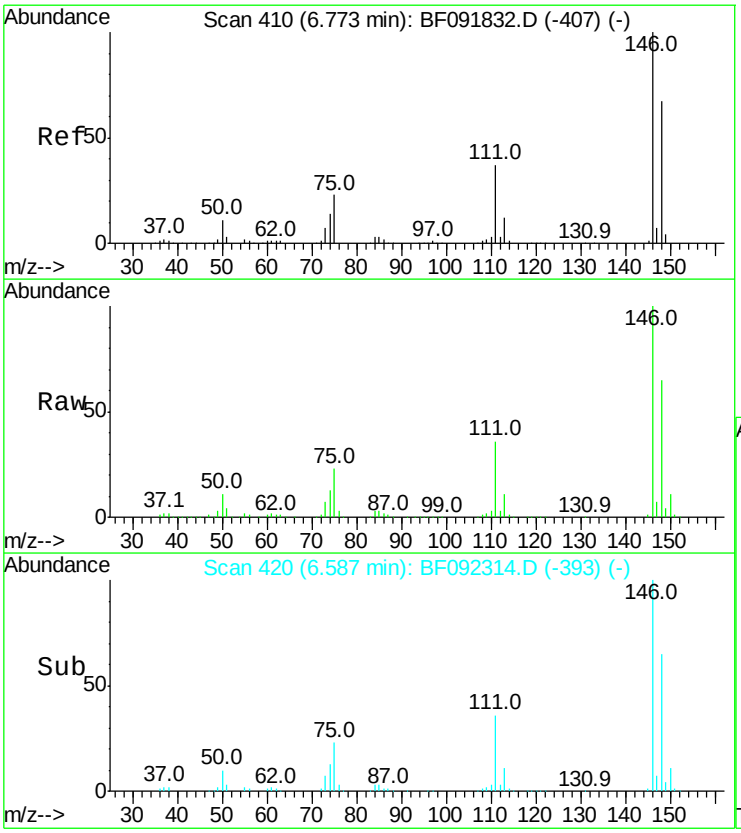
Tgt Ion:146 Resp: 629303

Ion	Ratio	Lower	Upper
146	100		
148	65.3	53.4	80.0
75	24.8	18.5	27.7



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

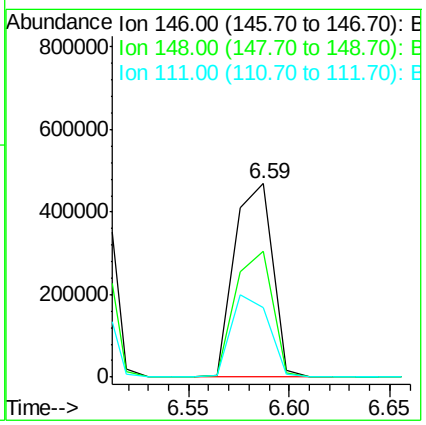
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

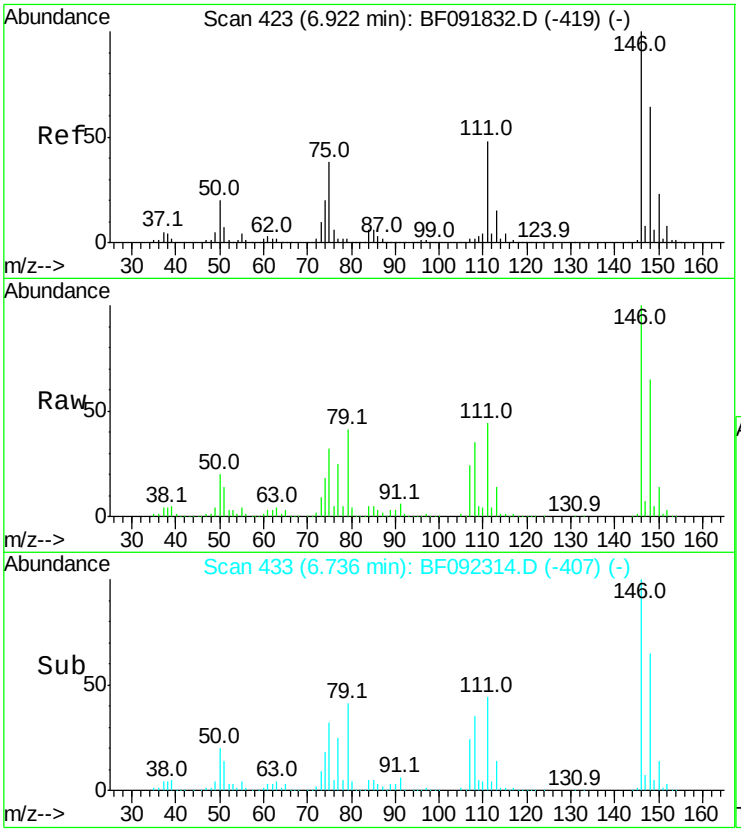


#13
1,4-Dichlorobenzene
Concen: 49.08 ng m
RT: 6.59 min Scan# 420
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:146 Resp: 619474

Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	76.0
111	35.9	36.2	54.4#

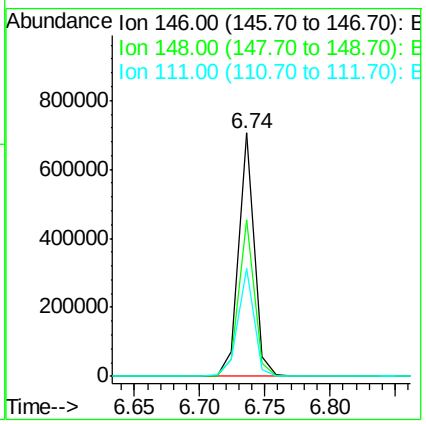




#14
1,2-Dichlorobenzene
Concen: 52.69 ng
RT: 6.74 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:146 Resp: 576975

Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.2
111	44.4	36.2	54.2

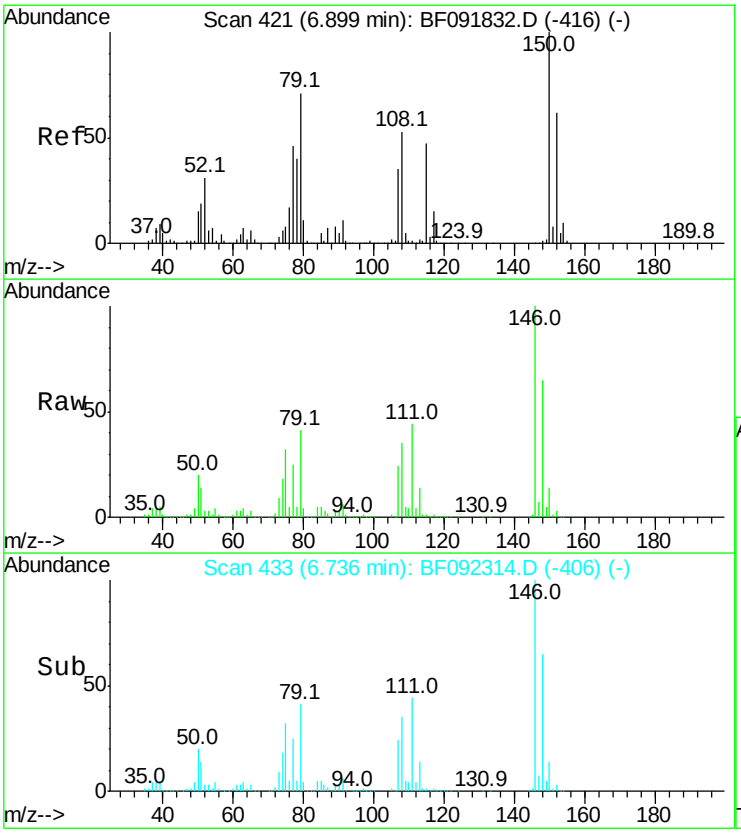


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

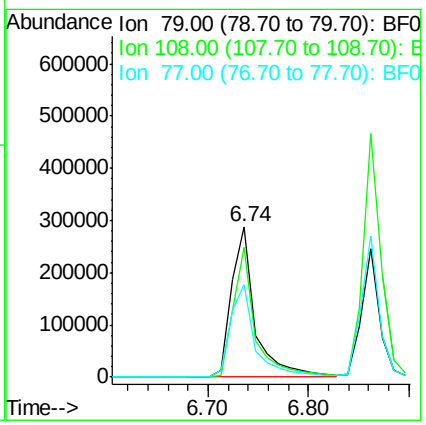
1/17/2017 4:58:27 PM

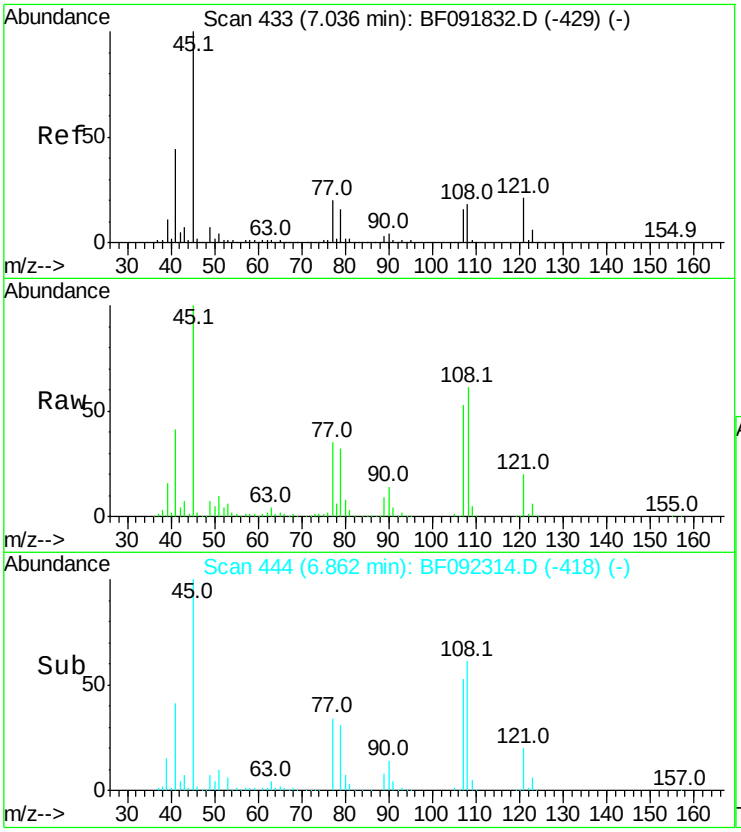


#15
Benzyl Alcohol
Concen: 48.77 ng
RT: 6.74 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 79 Resp: 472395

Ion	Ratio	Lower	Upper
79	100		
108	86.0	61.4	92.0
77	61.7	50.9	76.3

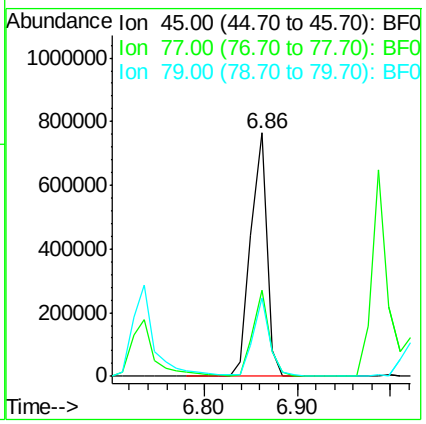




#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.48 ng
RT: 6.86 min Scan# 444
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

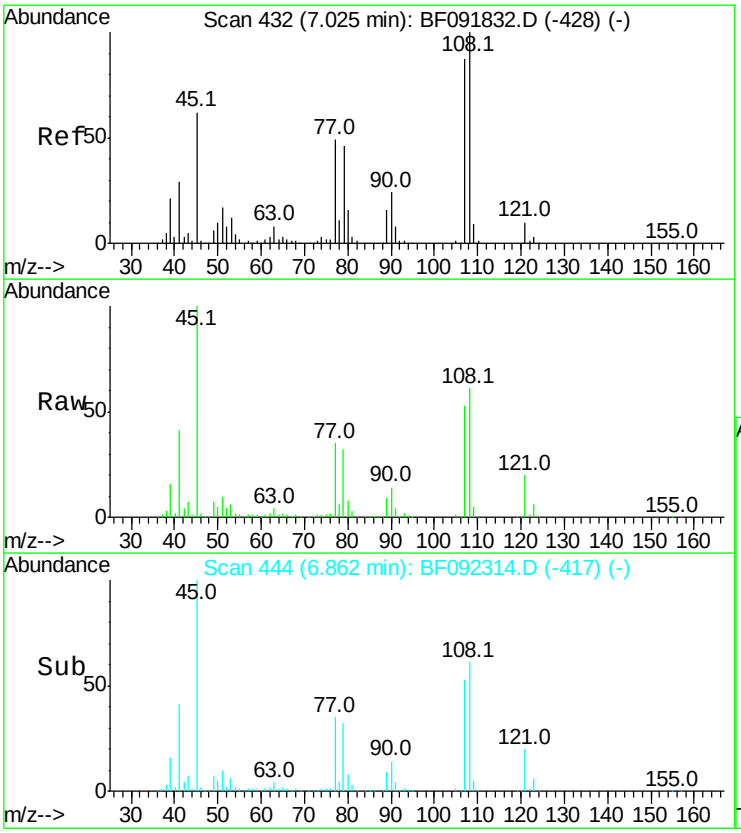
Tgt Ion: 45 Resp: 917098

Ion	Ratio	Lower	Upper
45	100		
77	35.4	0.0	34.6#
79	32.1	0.0	31.2#



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

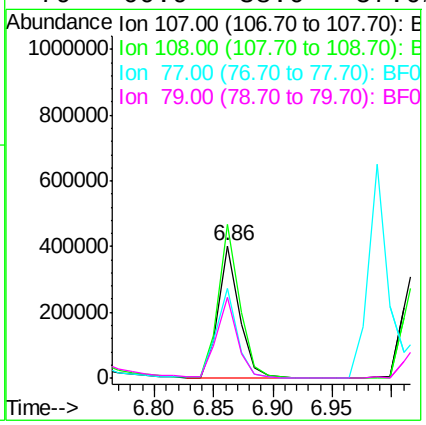
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

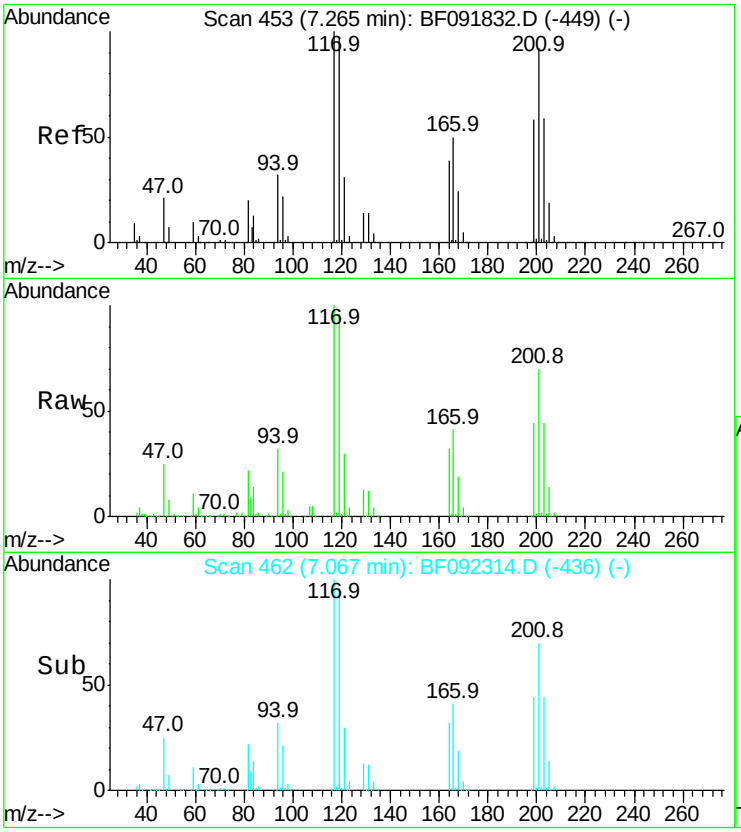


#17
2-Methylphenol
Concen: 52.82 ng
RT: 6.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:107 Resp: 493441

Ion	Ratio	Lower	Upper
107	100		
108	115.7	93.0	139.6
77	67.2	39.8	59.8#
79	60.9	38.0	57.0#

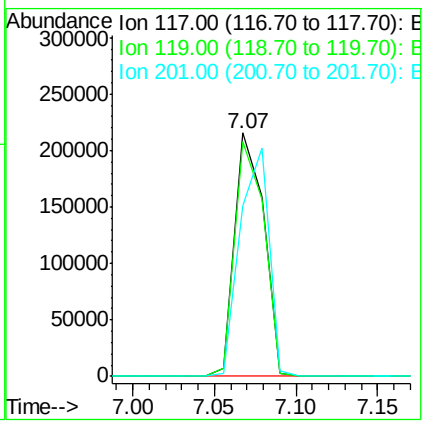




#18
Hexachloroethane
Concen: 56.54 ng
RT: 7.07 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:117 Resp: 264570

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.1	117.1
201	70.1	78.6	117.8#

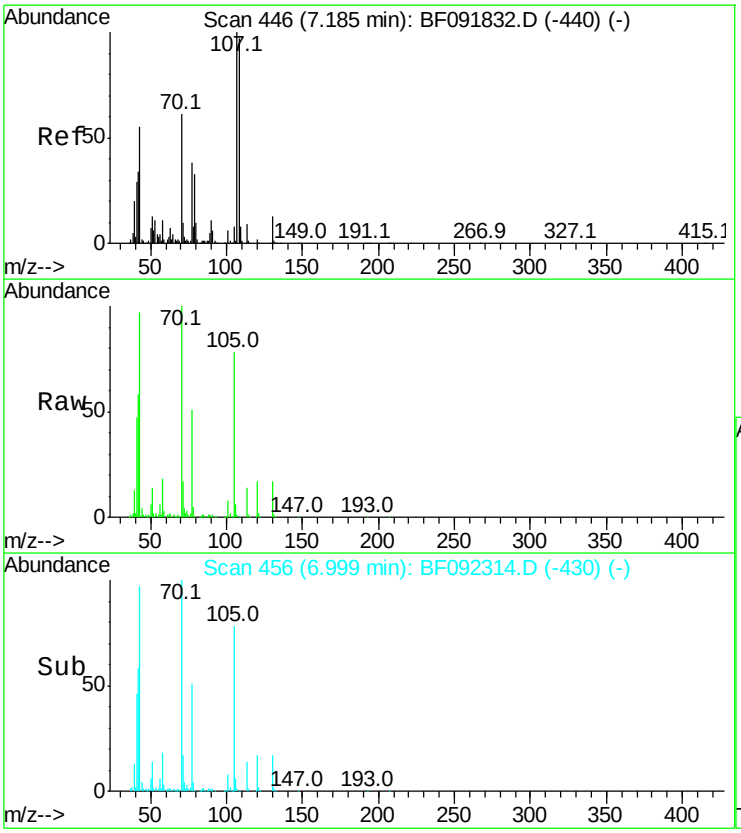


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

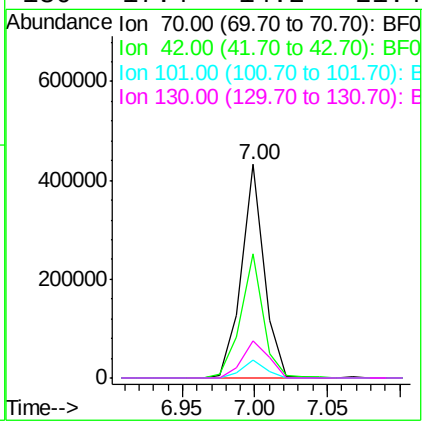
1/17/2017 4:58:27 PM

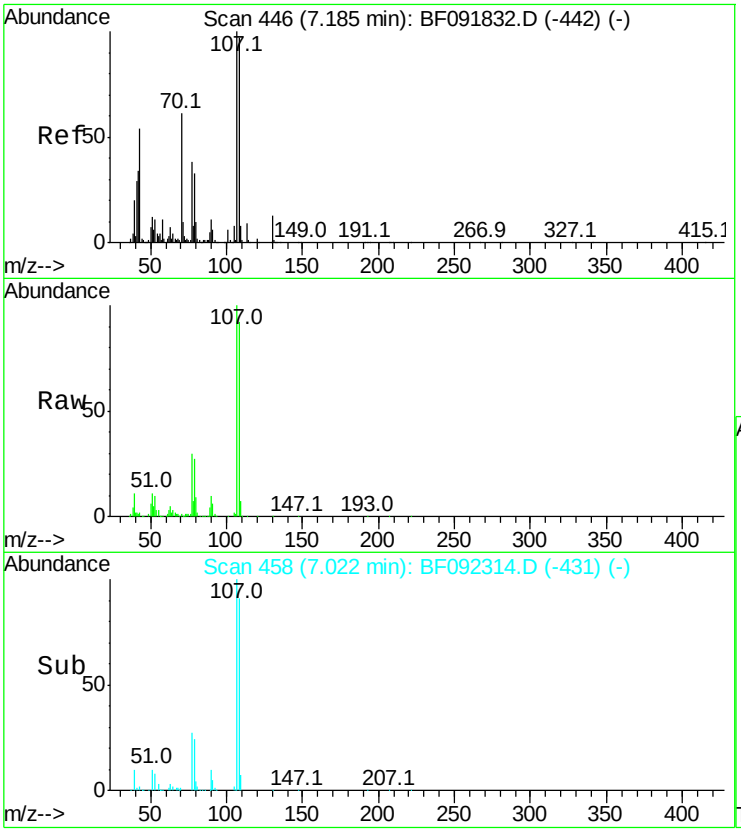


#19
n-Nitroso-di-n-propylamine
Concen: 56.95 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 70 Resp: 472303

Ion	Ratio	Lower	Upper
70	100		
42	57.9	49.4	74.0
101	8.4	7.4	11.2
130	17.4	14.2	21.4

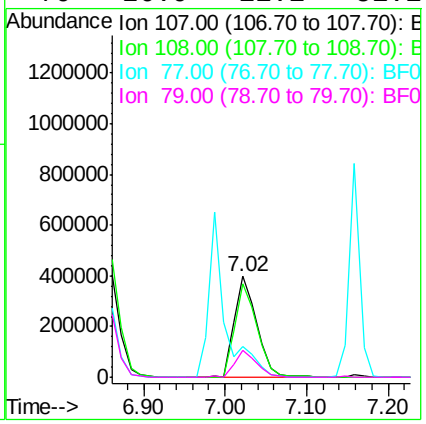




#20
3+4-Methylphenols
Concen: 67.72 ng
RT: 7.02 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:107 Resp: 754536

Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.0	113.0
77	30.4	71.3	111.3#
79	26.9	11.1	51.1

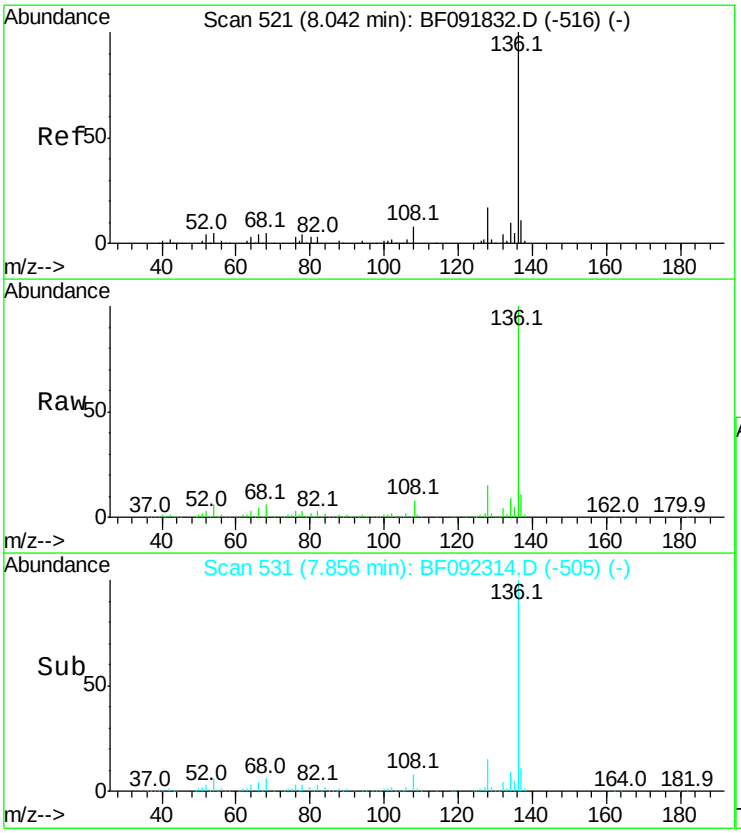


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

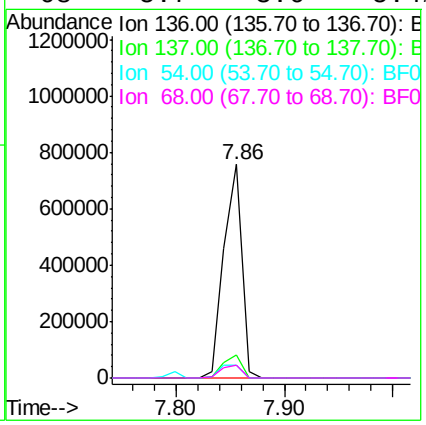
1/17/2017 4:58:27 PM

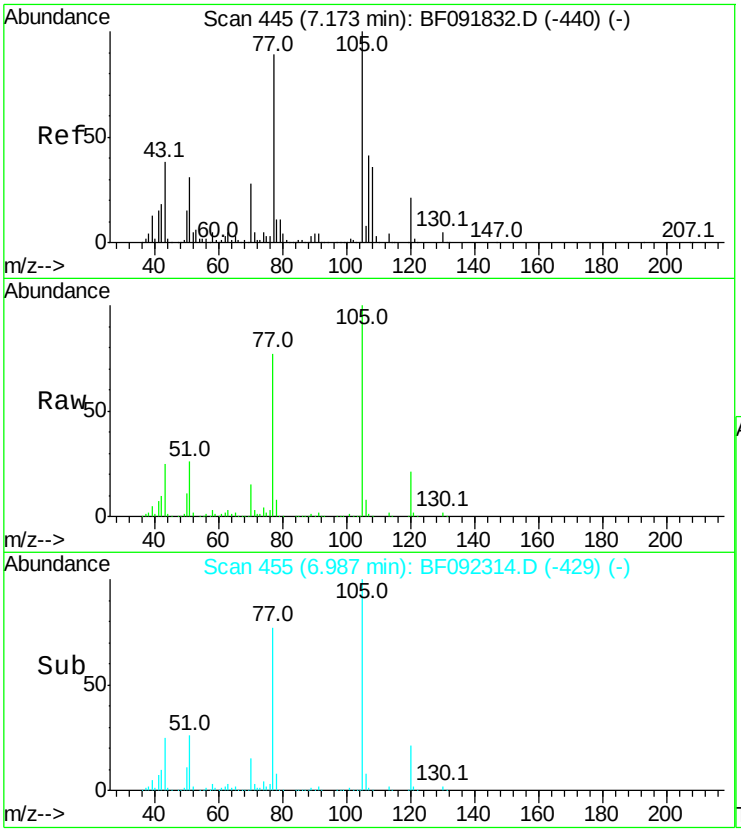


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:136 Resp: 868089

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	6.2	4.5	6.7
68	5.7	3.6	5.4#

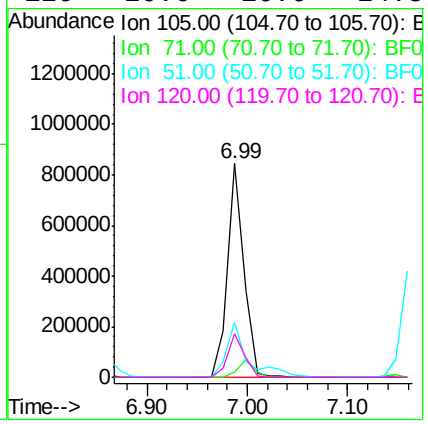




#22
Acetophenone
Concen: 44.81 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

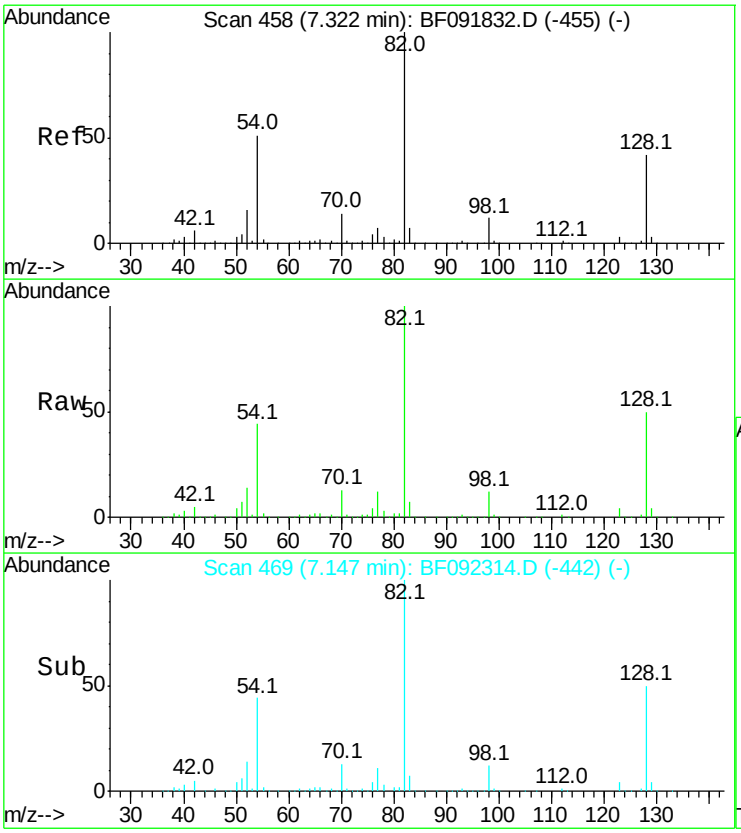
Tgt Ion:105 Resp: 959371

Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.2	4.8#
51	25.8	26.2	39.4#
120	20.6	16.6	24.8



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

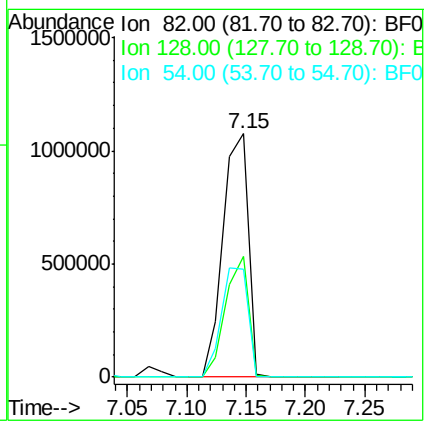
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

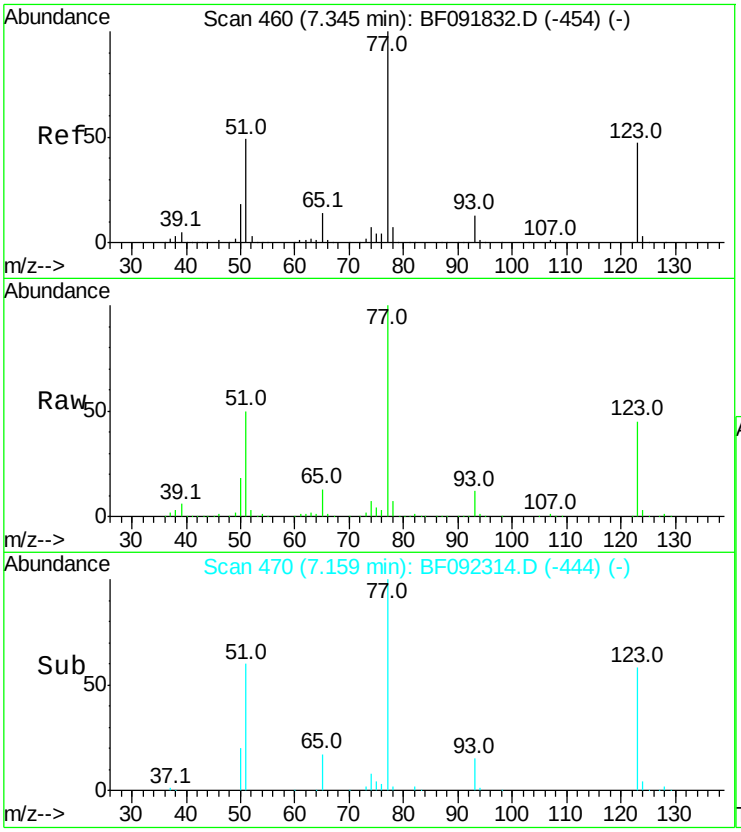


#23
Nitrobenzene-d5
Concen: 101.52 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 82 Resp: 1584906

Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.6	52.0
54	44.3	39.5	59.3

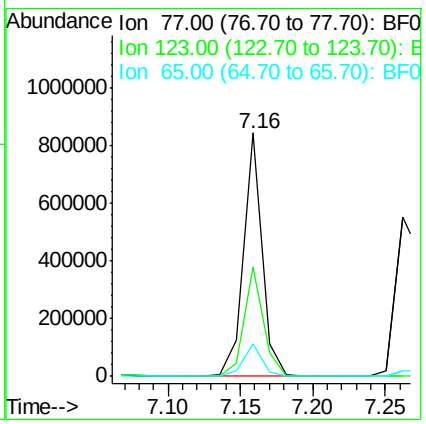




#24
Nitrobenzene
Concen: 45.02 ng
RT: 7.16 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 77 Resp: 748574

Ion	Ratio	Lower	Upper
77	100		
123	44.7	33.0	49.4
65	13.3	11.2	16.8

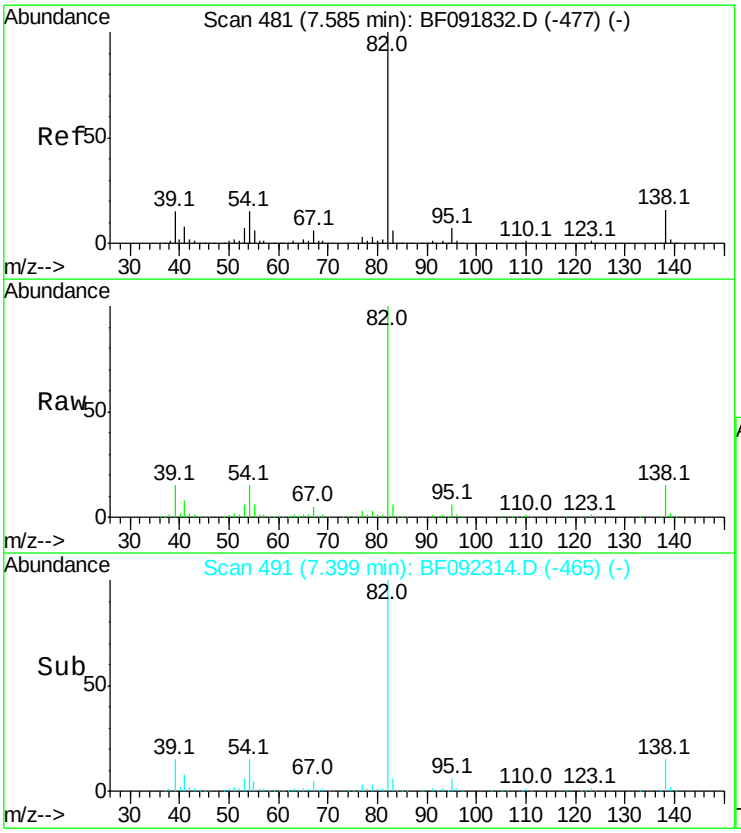


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

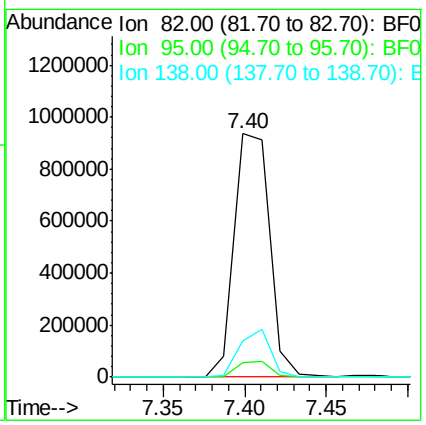
1/17/2017 4:58:27 PM

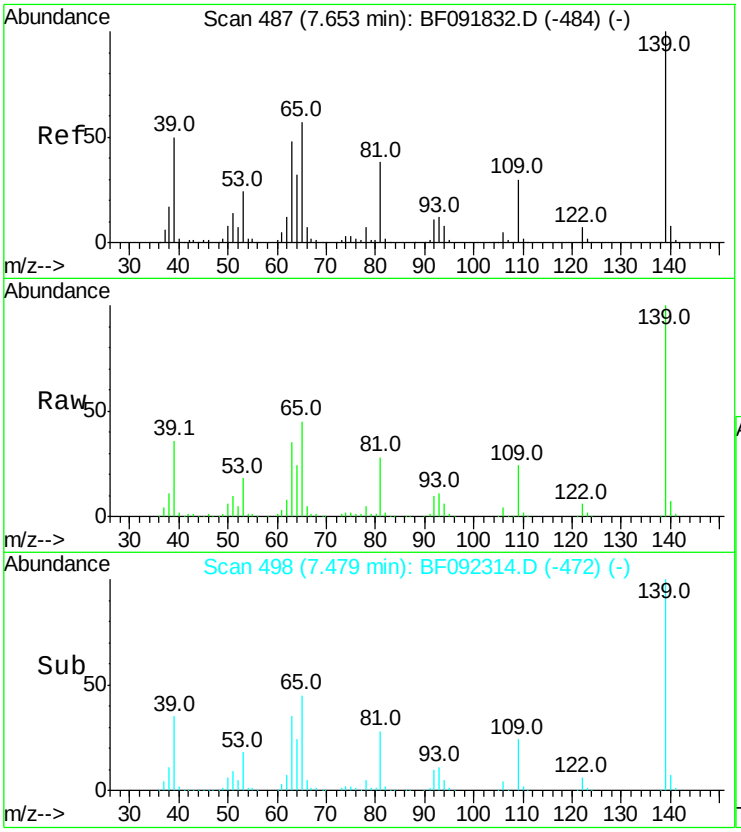


#25
Isophorone
Concen: 48.76 ng
RT: 7.40 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 82 Resp: 1404481

Ion	Ratio	Lower	Upper
82	100		
95	6.1	5.6	8.4
138	15.1	14.6	22.0

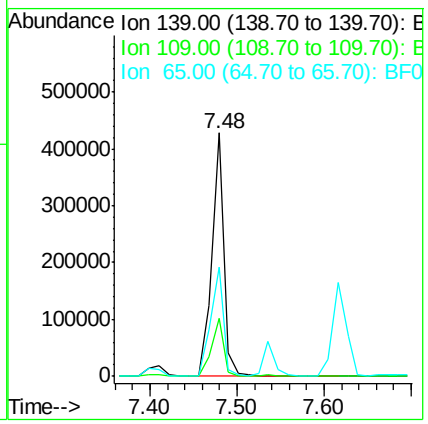




#26
2-Nitrophenol
Concen: 50.62 ng
RT: 7.48 min Scan# 498
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

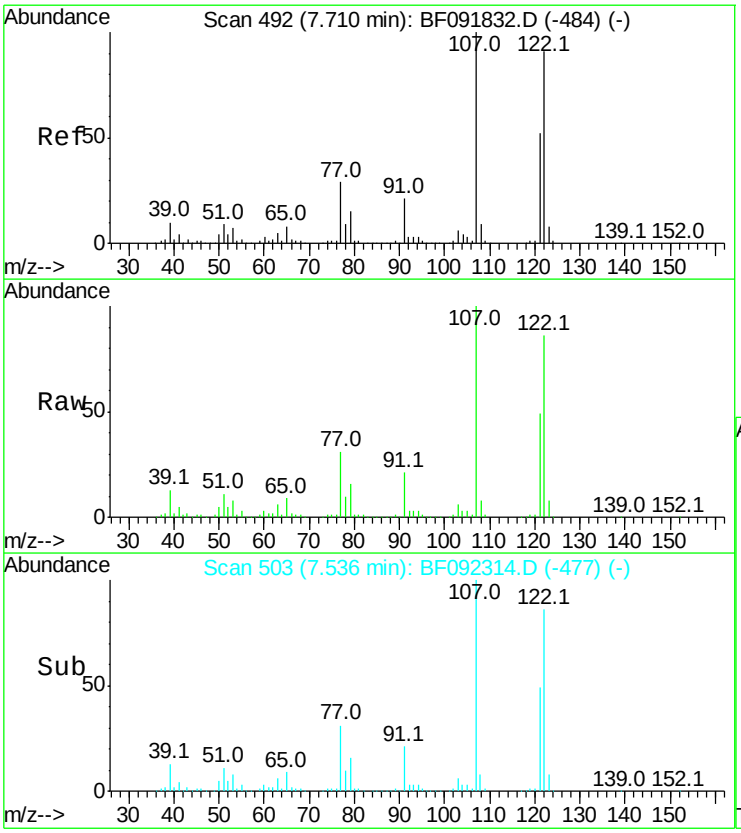
Tgt Ion:139 Resp: 415087

Ion	Ratio	Lower	Upper
139	100		
109	23.9	23.3	34.9
65	44.7	42.7	64.1



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

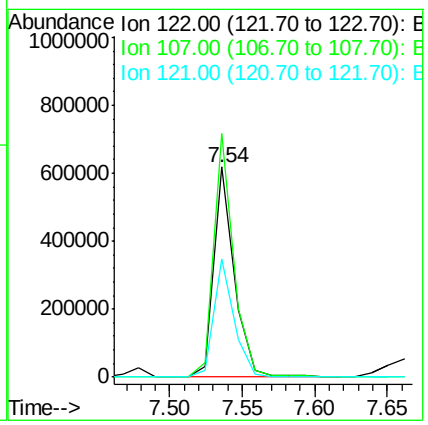
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

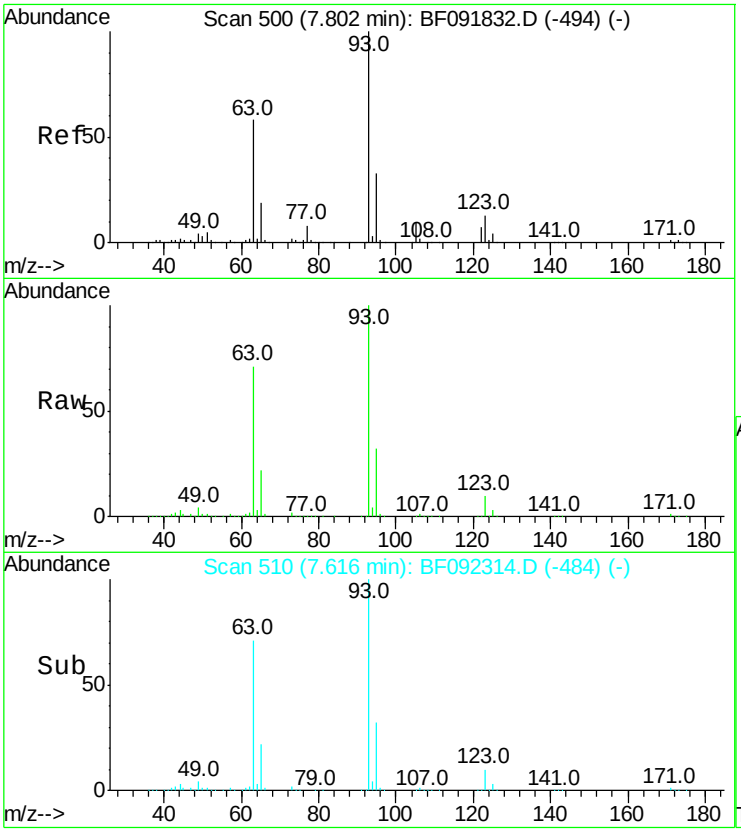


#27
2,4-Dimethylphenol
Concen: 44.49 ng
RT: 7.54 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:122 Resp: 605025

Ion	Ratio	Lower	Upper
122	100		
107	115.8	94.1	141.1
121	56.3	46.0	69.0

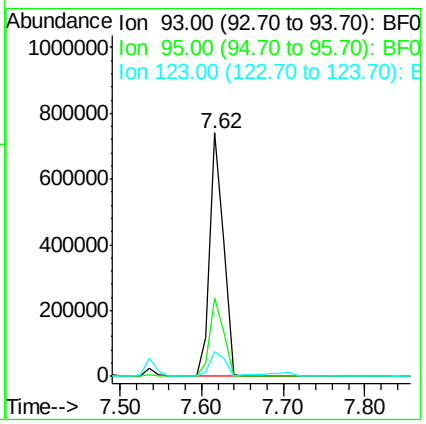




#28
bis(2-Chloroethoxy)methane
Concen: 50.83 ng
RT: 7.62 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 93 Resp: 887829

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.0	8.6	13.0

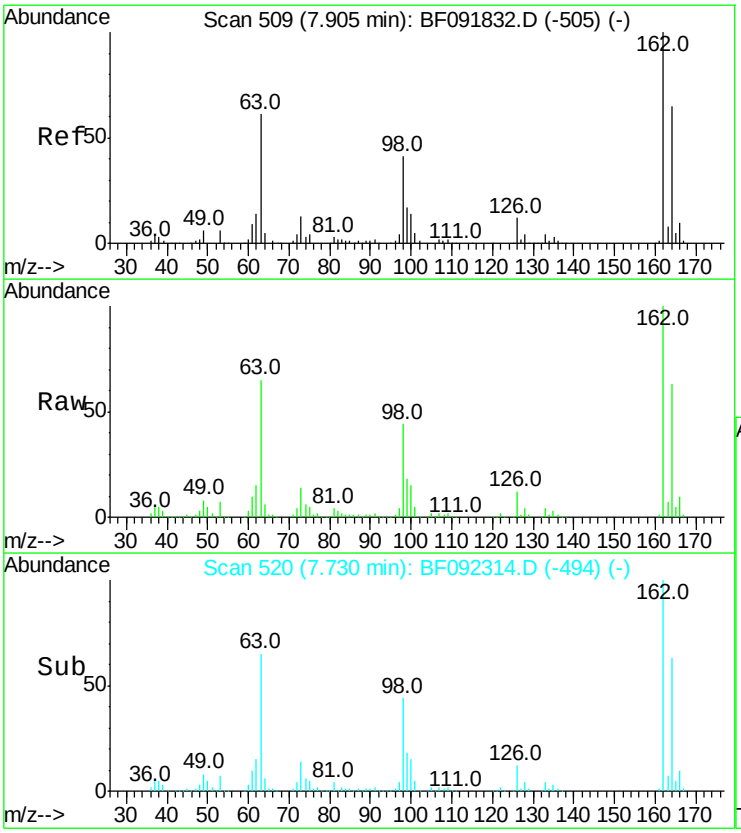


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

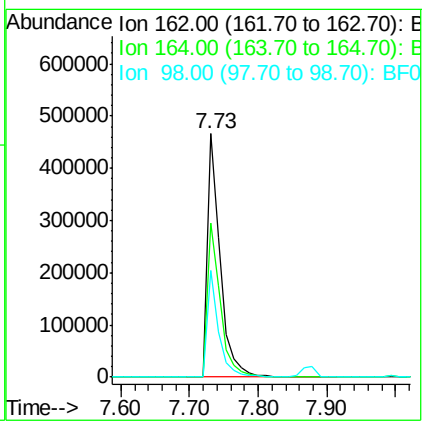
1/17/2017 4:58:27 PM

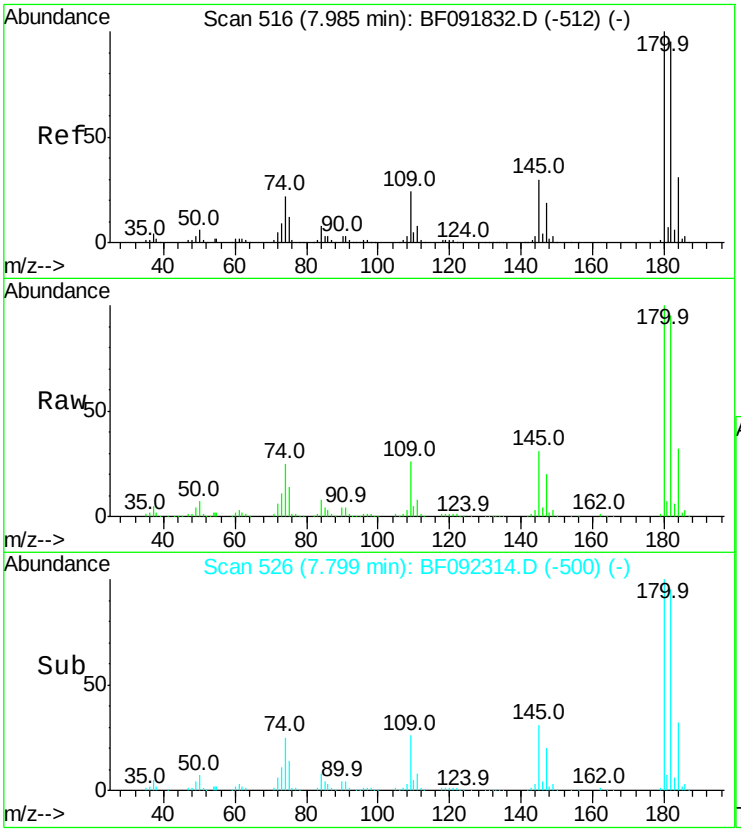


#29
2,4-Dichlorophenol
Concen: 53.07 ng
RT: 7.73 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:162 Resp: 611214

Ion	Ratio	Lower	Upper
162	100		
164	63.4	46.8	86.8
98	43.6	9.1	49.1

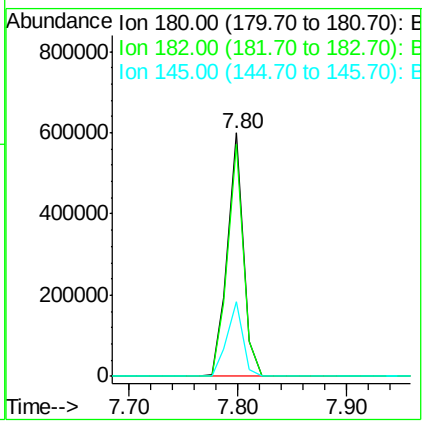




#30
1,2,4-Trichlorobenzene
Concen: 48.14 ng
RT: 7.80 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:180 Resp: 607523

Ion	Ratio	Lower	Upper
180	100		
182	95.3	78.2	117.4
145	30.6	21.6	32.4

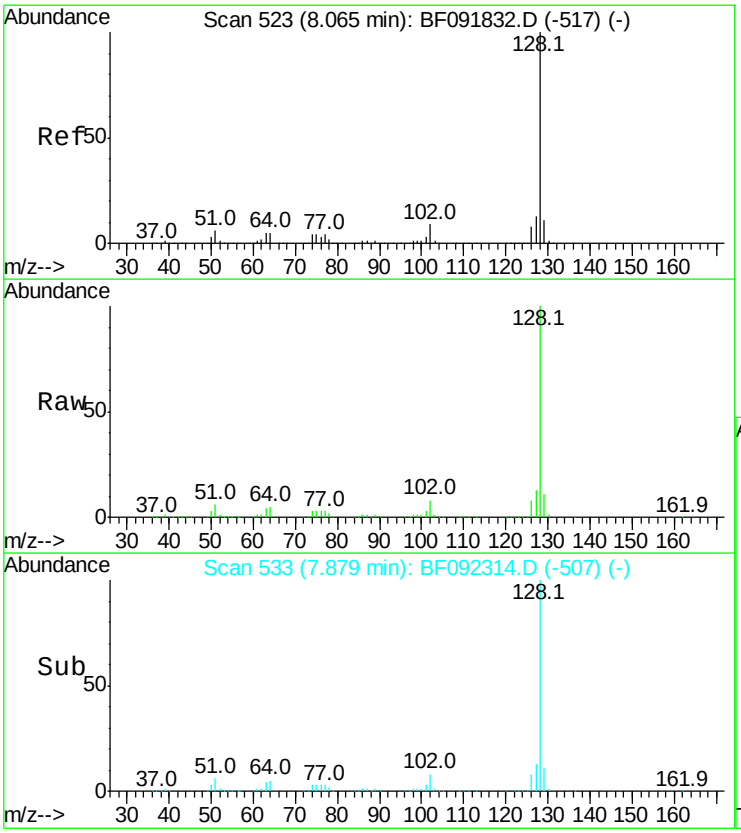


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

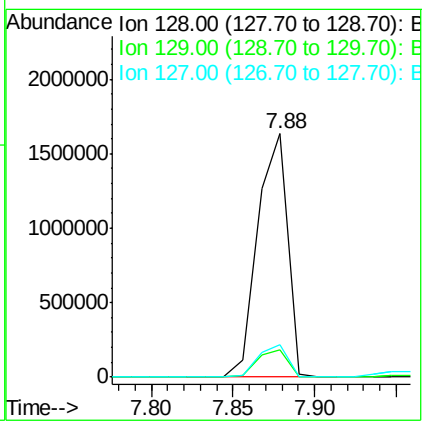
1/17/2017 4:58:27 PM

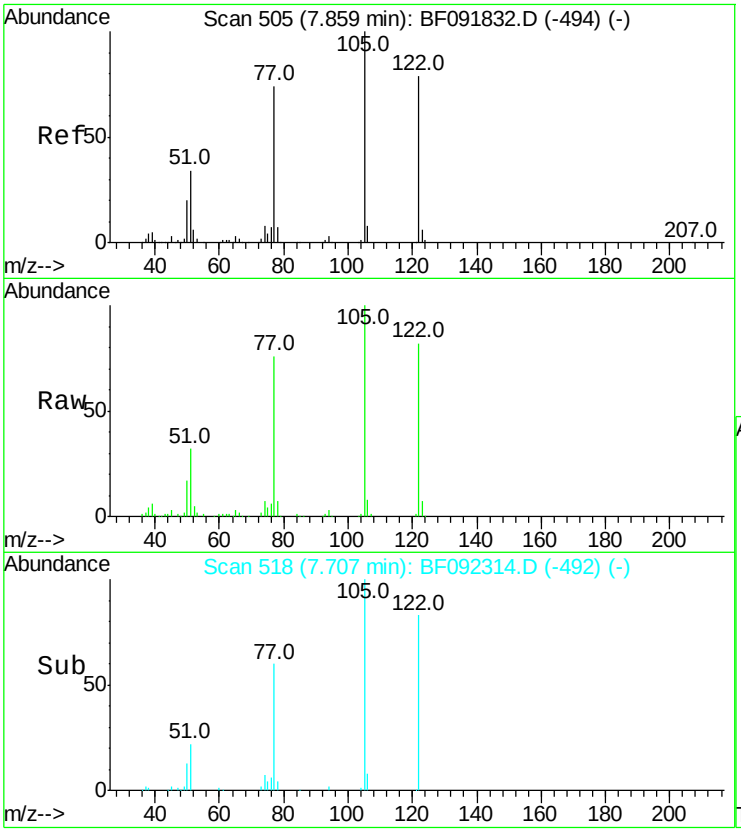


#31
Naphthalene
Concen: 52.39 ng
RT: 7.88 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:128 Resp: 2081482

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.3	10.8	16.2

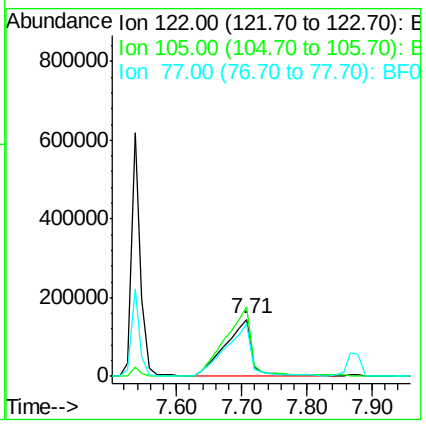




#32
Benzoic acid
Concen: 40.45 ng
RT: 7.71 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

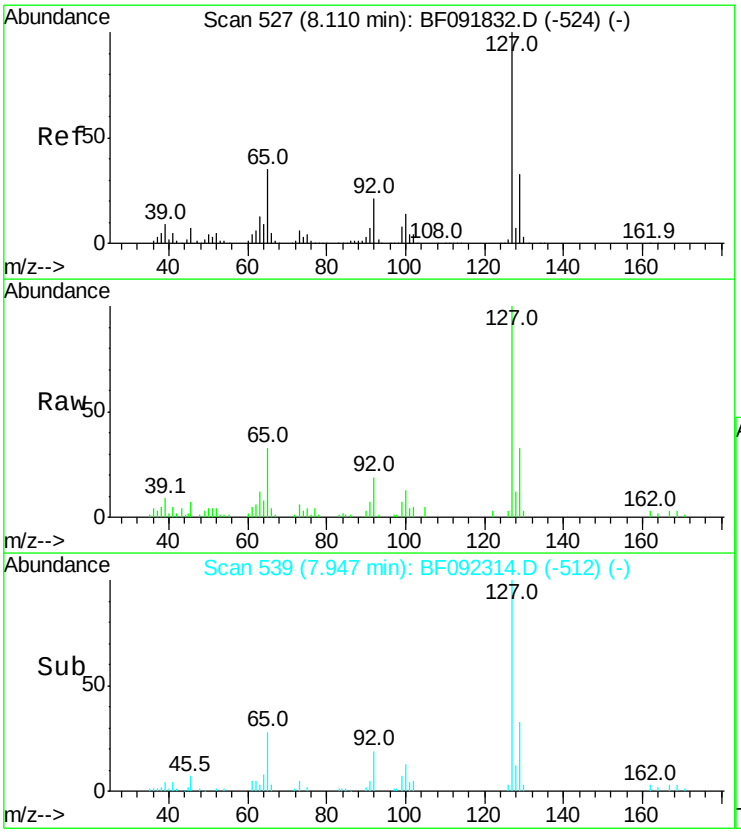
Tgt Ion:122 Resp: 408039

Ion	Ratio	Lower	Upper
122	100		
105	121.5	107.2	147.2
77	92.2	74.5	114.5



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

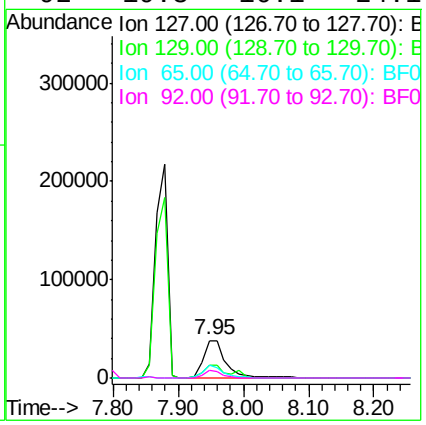
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

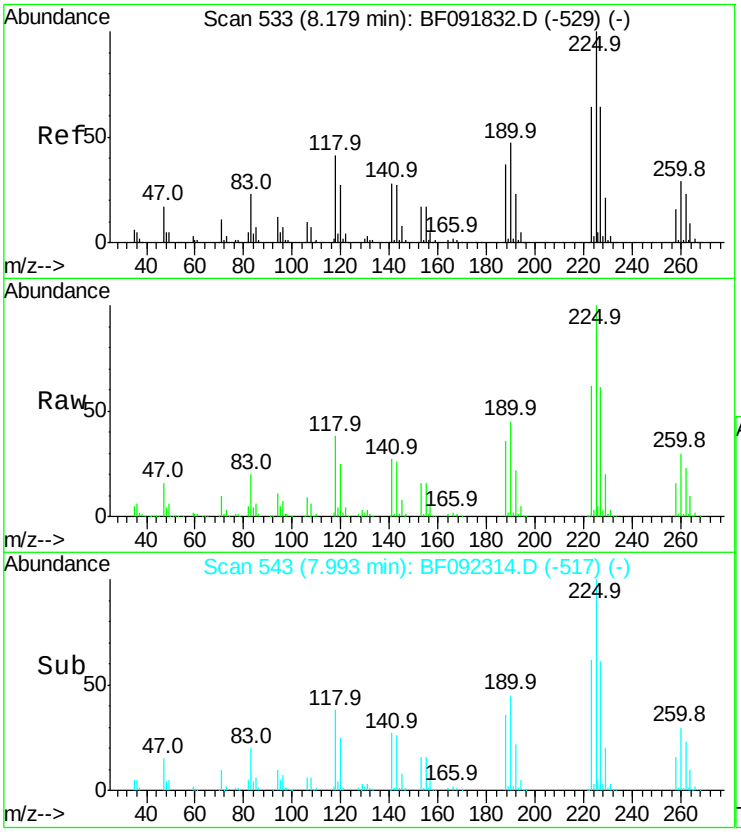


#33
4-Chloroaniline
Concen: 5.31 ng
RT: 7.95 min Scan# 539
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:127 Resp: 95185

Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.3	39.5
65	33.2	25.8	38.8
92	19.3	16.1	24.1

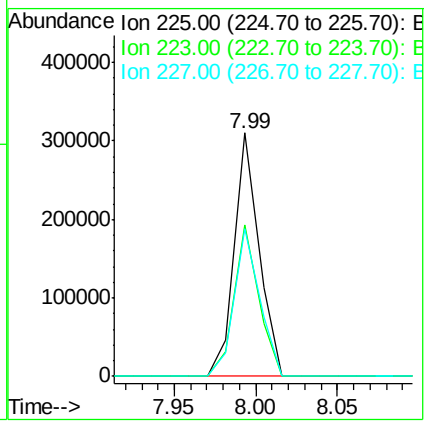




#34
Hexachlorobutadiene
Concen: 48.59 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:225 Resp: 323659

Ion	Ratio	Lower	Upper
225	100		
223	62.4	51.0	76.6
227	60.8	50.6	76.0

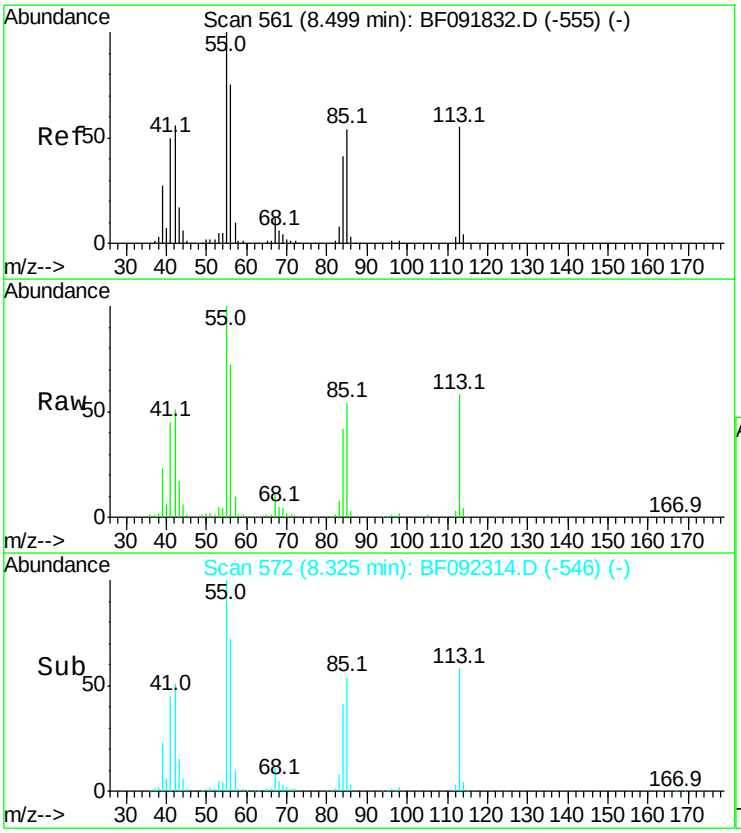


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

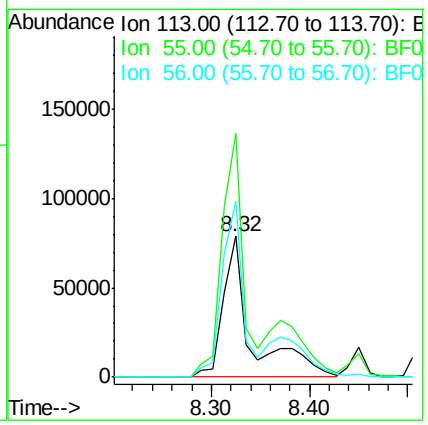
1/17/2017 4:58:27 PM

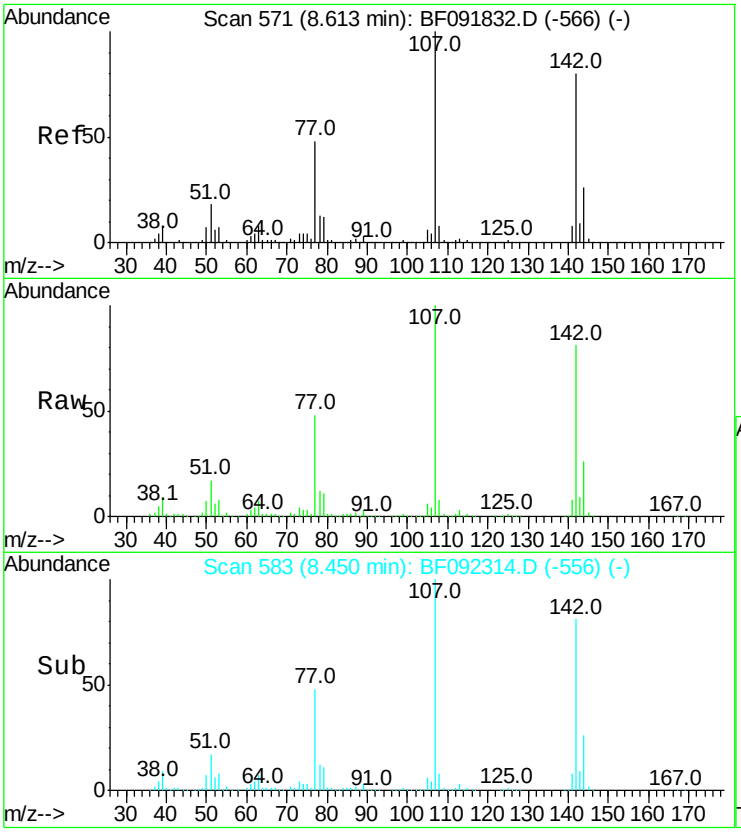


#35
Caprolactam
Concen: 41.68 ng m
RT: 8.32 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:113 Resp: 157738

Ion	Ratio	Lower	Upper
113	100		
55	173.2	119.2	159.2#
56	124.6	83.8	123.8#

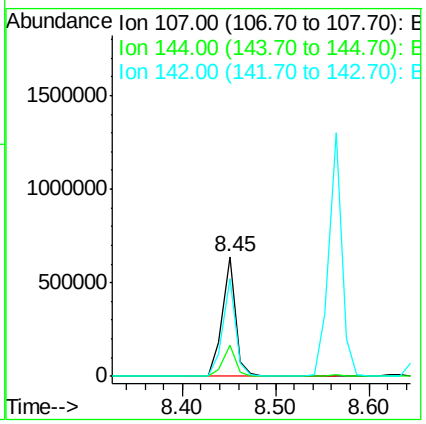




#36
4-Chloro-3-methylphenol
Concen: 48.05 ng
RT: 8.45 min Scan# 583
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:107 Resp: 636778

Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.3	28.9
142	80.9	59.0	88.6

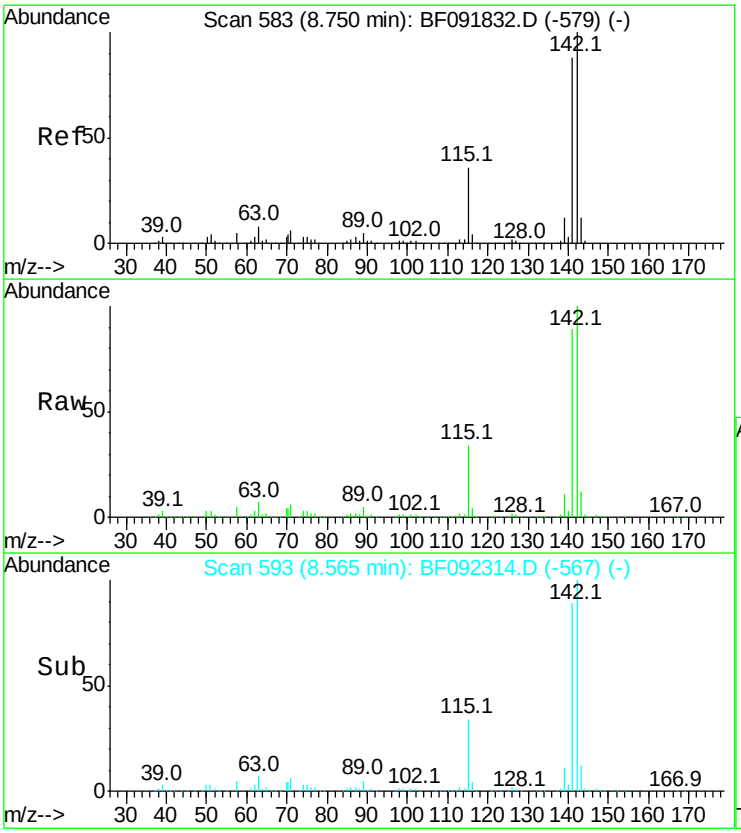


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

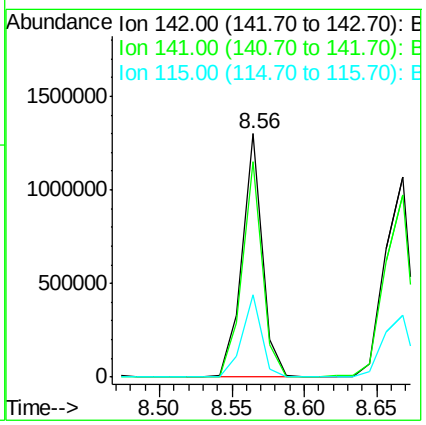
1/17/2017 4:58:27 PM

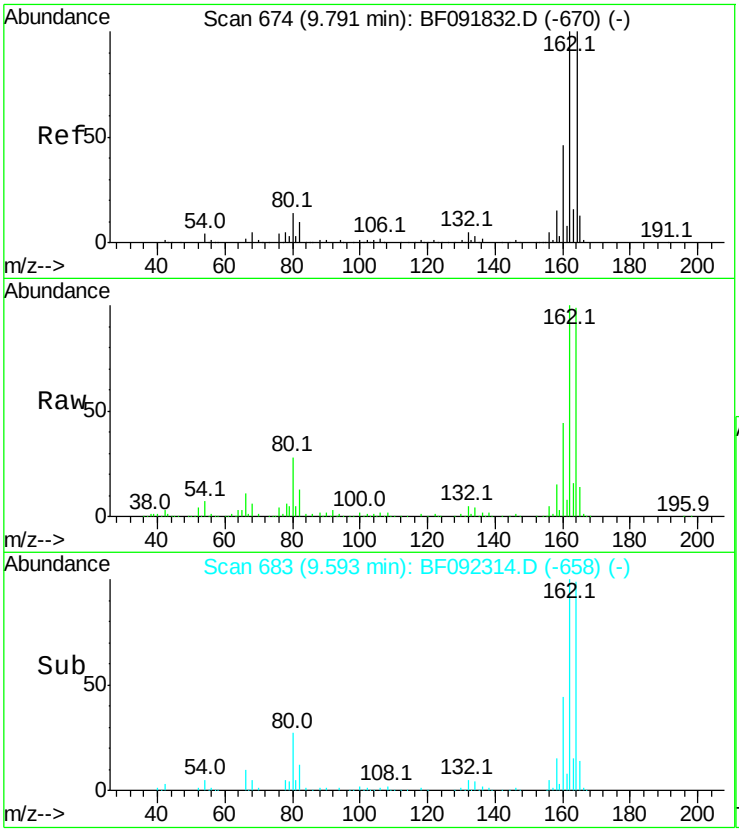


#37
2-Methylnaphthalene
Concen: 59.22 ng
RT: 8.56 min Scan# 593
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:142 Resp: 1264249

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	34.0	28.3	42.5

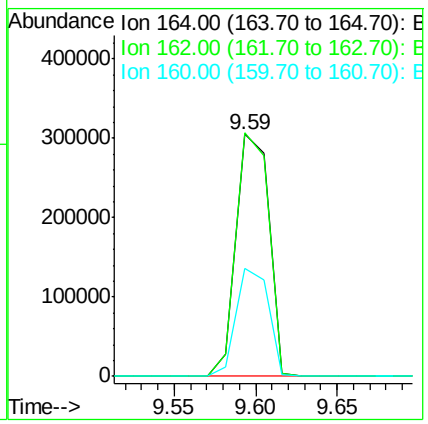




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:164 Resp: 423216

Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.2	120.2
160	44.6	36.9	55.3

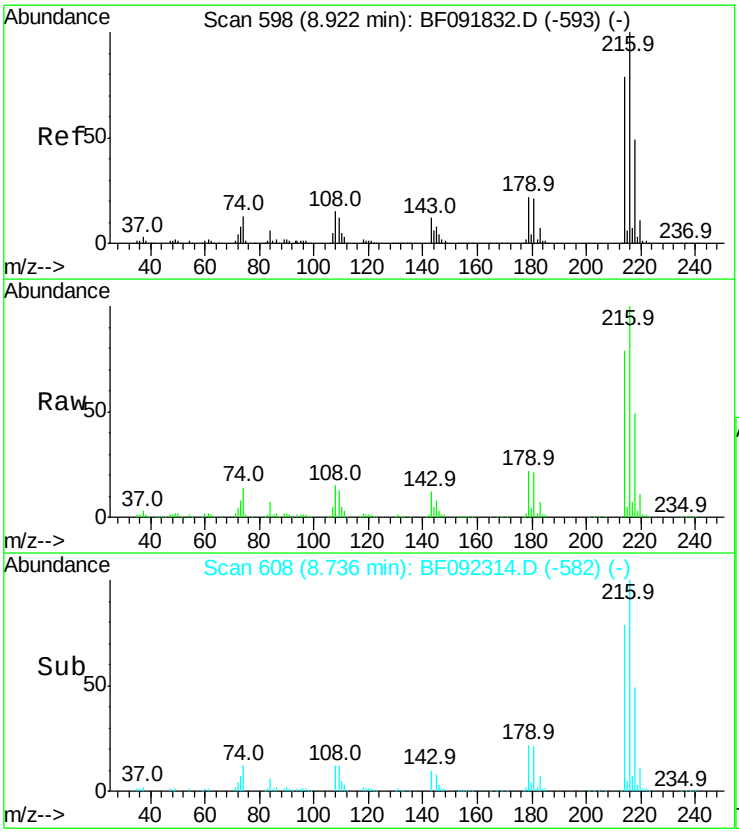


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

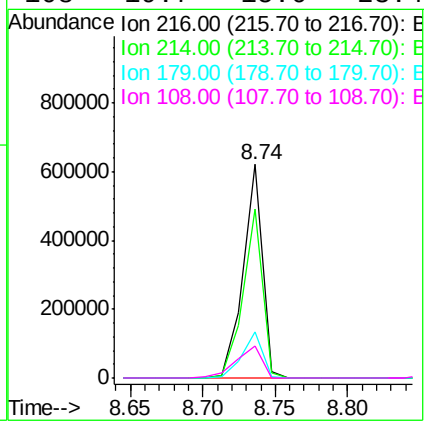
1/17/2017 4:58:27 PM

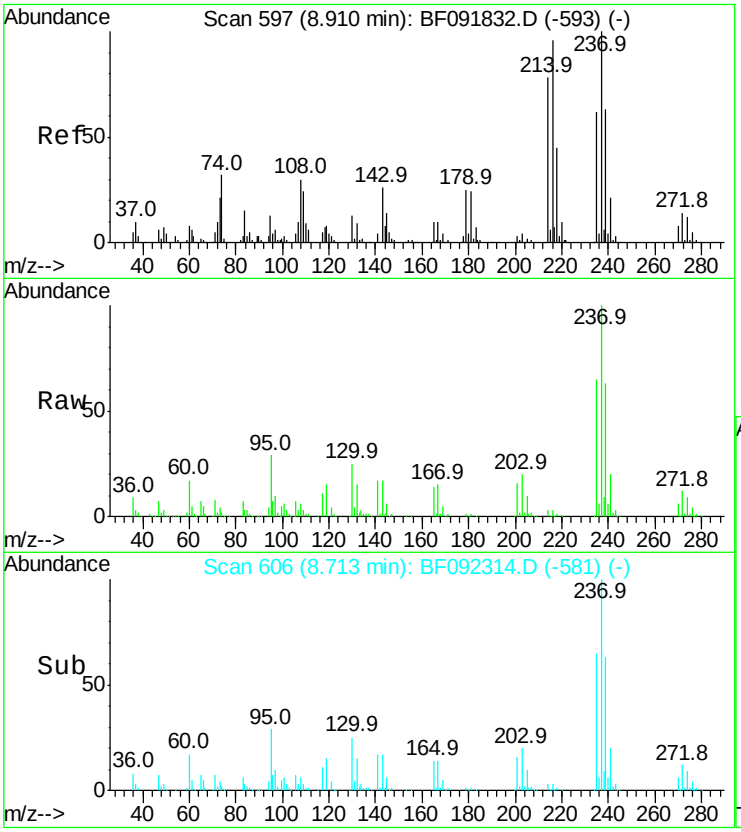


#39
1,2,4,5-Tetrachlorobenzene
Concen: 53.72 ng
RT: 8.74 min Scan# 608
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:216 Resp: 574392

Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.5	17.4	26.2
108	19.7	15.6	23.4

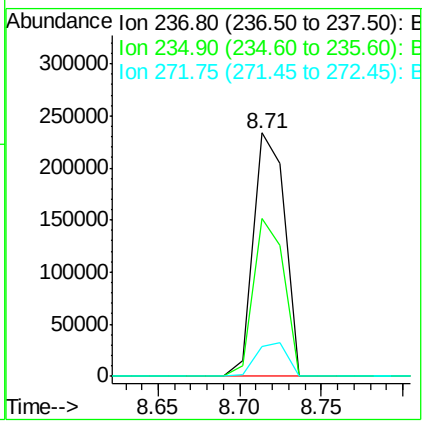




#40
Hexachlorocyclopentadiene
Concen: 66.12 ng
RT: 8.71 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:237 Resp: 311404

Ion	Ratio	Lower	Upper
237	100		
235	64.7	41.2	81.2
272	12.4	0.0	35.4

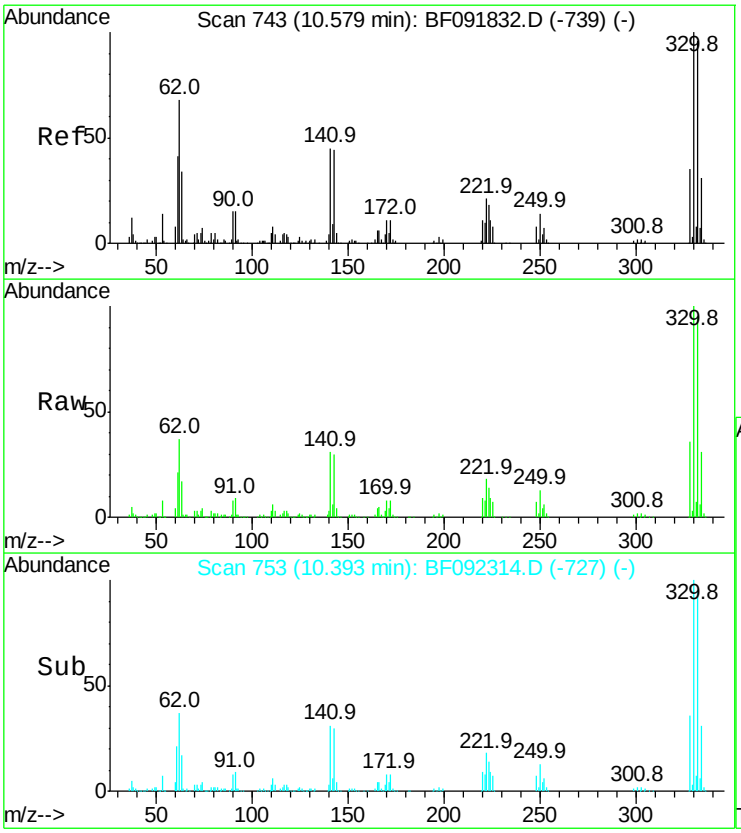


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

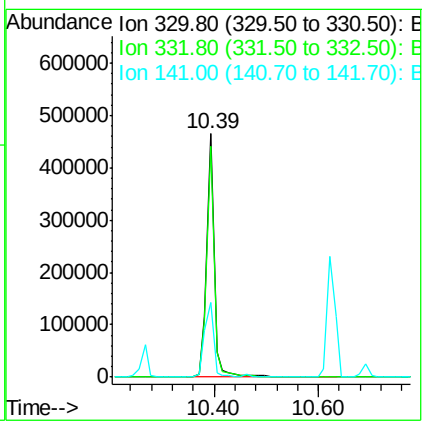
1/17/2017 4:58:27 PM

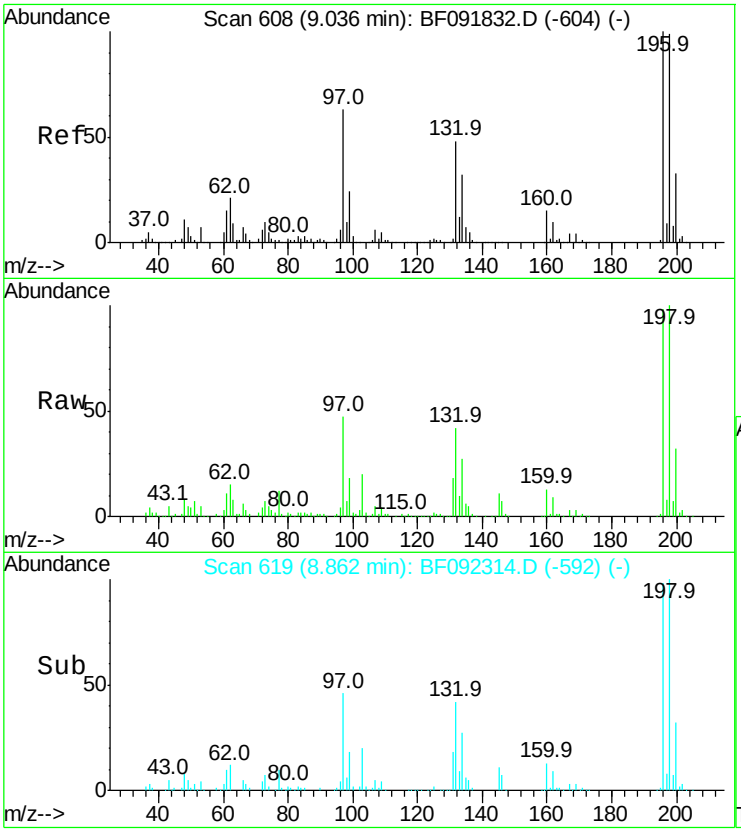


#41
2,4,6-Tribromophenol
Concen: 134.08 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:330 Resp: 469599

Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	37.0	34.1	51.1

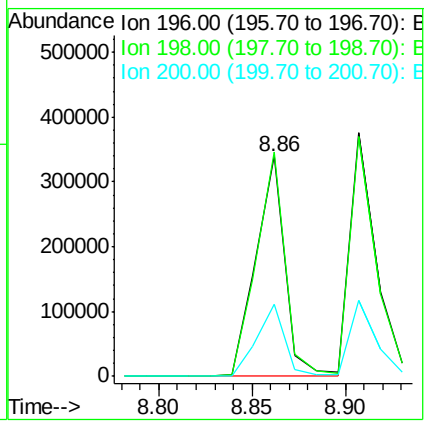




#42
2,4,6-Trichlorophenol
Concen: 49.71 ng
RT: 8.86 min Scan# 619
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:196 Resp: 371748

Ion	Ratio	Lower	Upper
196	100		
198	101.9	82.1	123.1
200	32.7	27.0	40.4

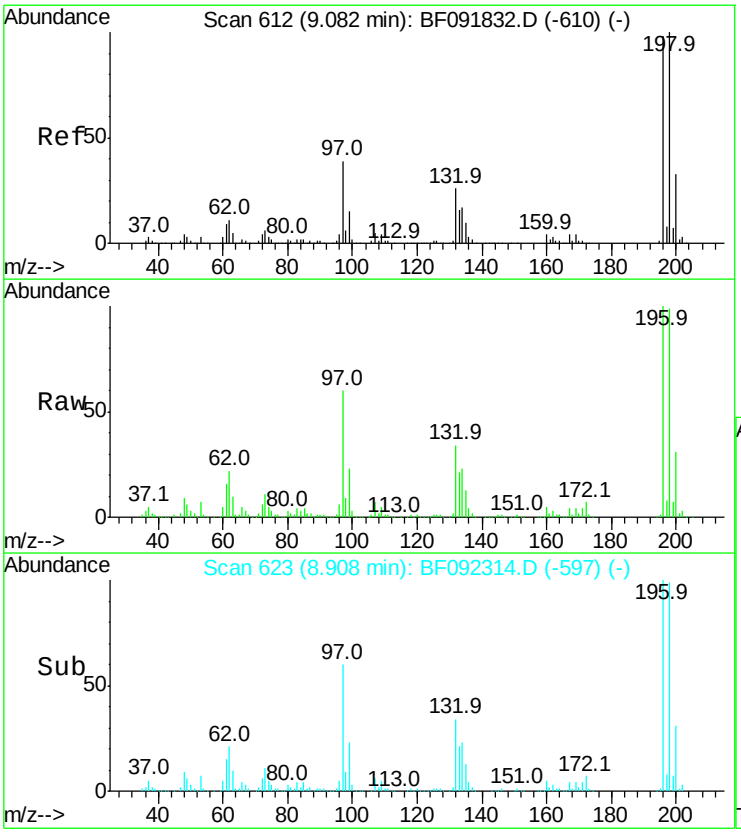


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

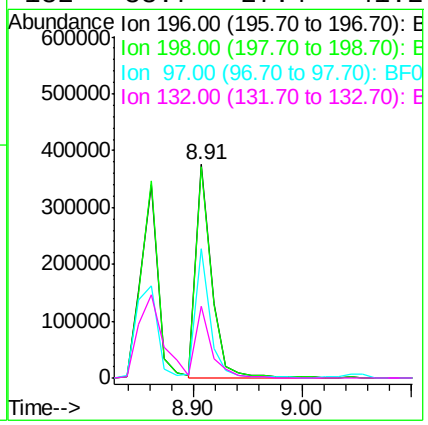
1/17/2017 4:58:27 PM

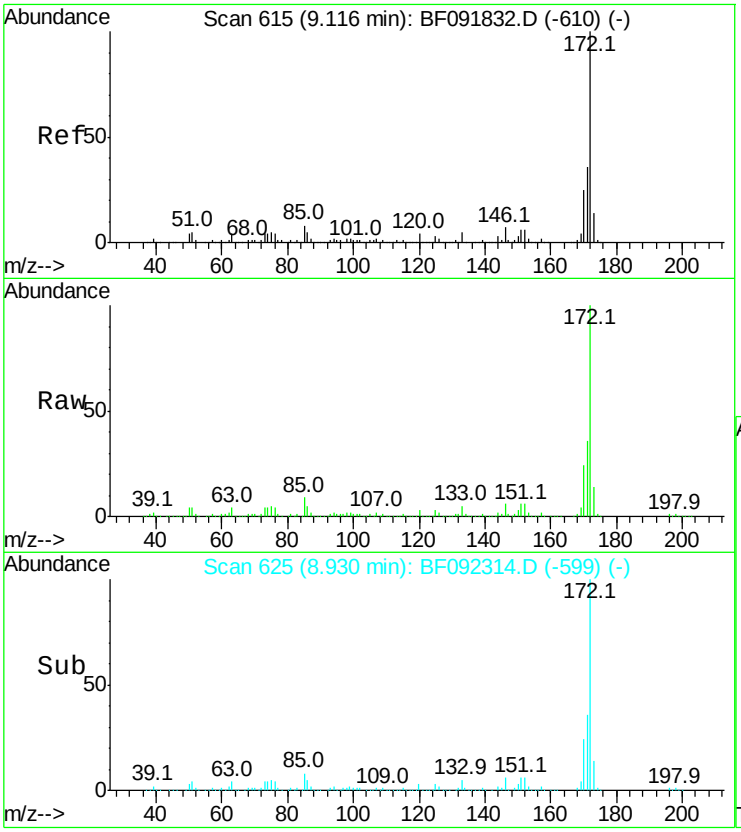


#43
2,4,5-Trichlorophenol
Concen: 48.76 ng
RT: 8.91 min Scan# 623
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:196 Resp: 375224

Ion	Ratio	Lower	Upper
196	100		
198	98.7	79.4	119.2
97	60.3	51.5	77.3
132	33.7	27.4	41.2

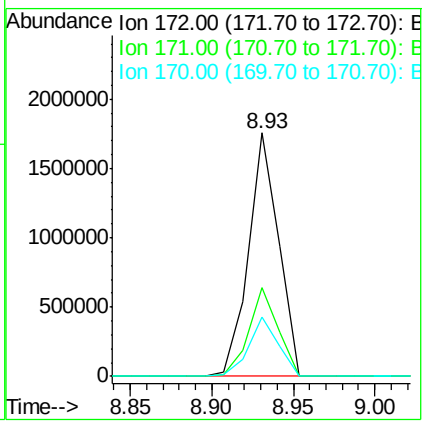




#44
2-Fluorobiphenyl
Concen: 112.62 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

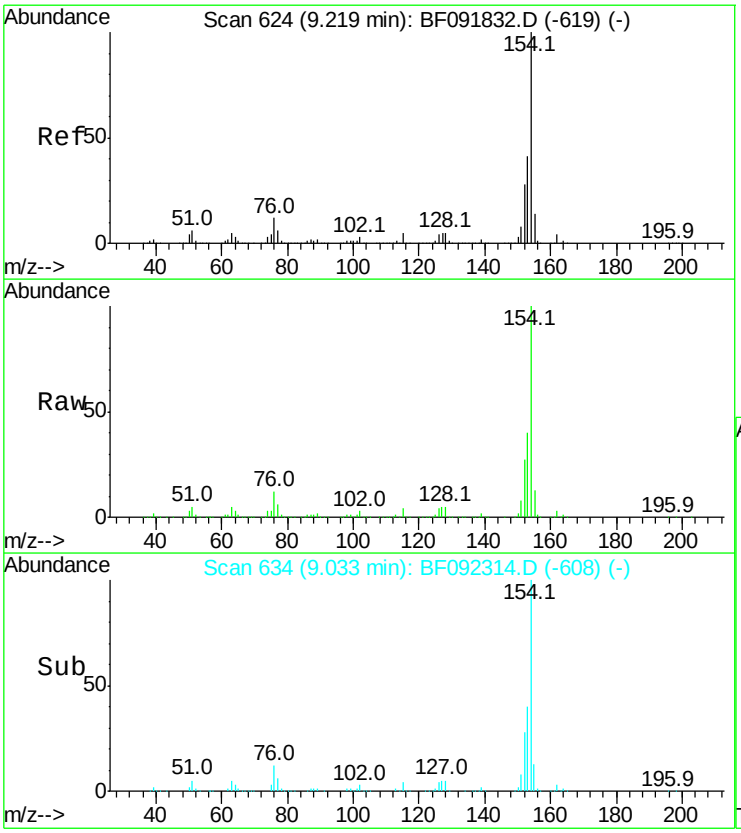
Tgt Ion:172 Resp: 2239684

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.5	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

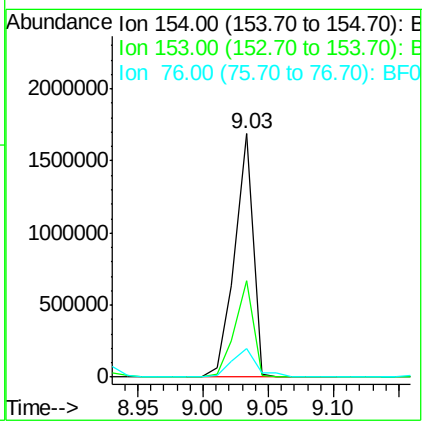
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

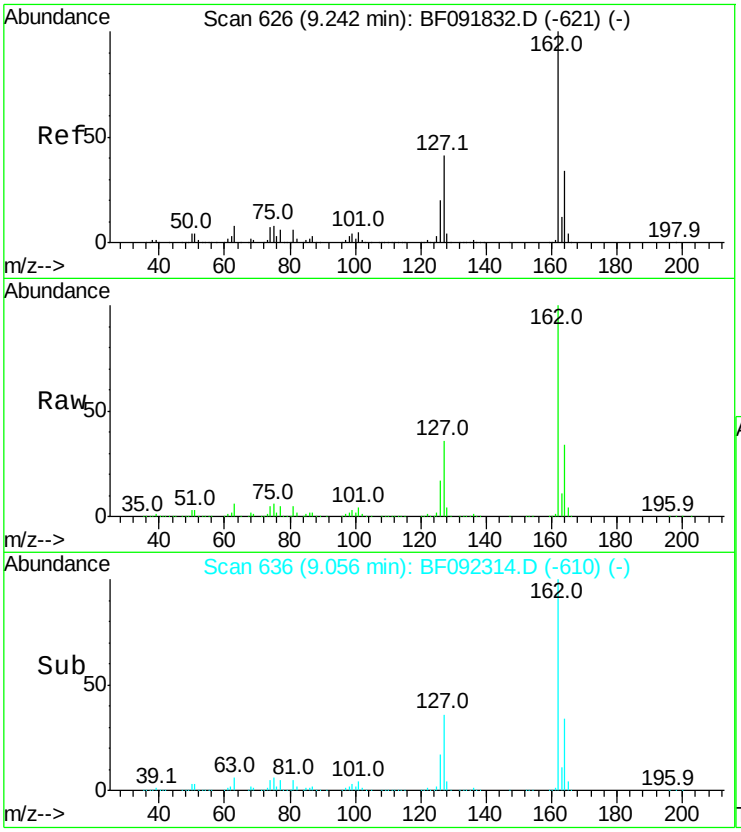


#45
1,1'-Biphenyl
Concen: 57.08 ng
RT: 9.03 min Scan# 634
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:154 Resp: 1654173

Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.9	60.9
76	11.8	0.0	30.5

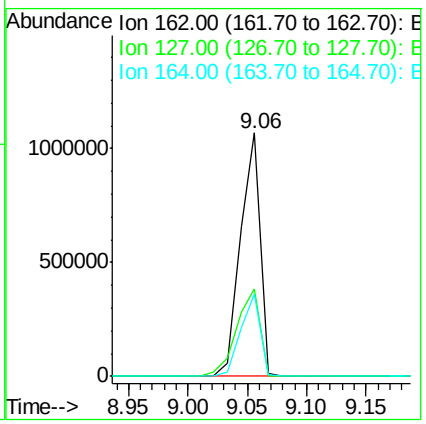




#46
2-Chloronaphthalene
Concen: 53.81 ng
RT: 9.06 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

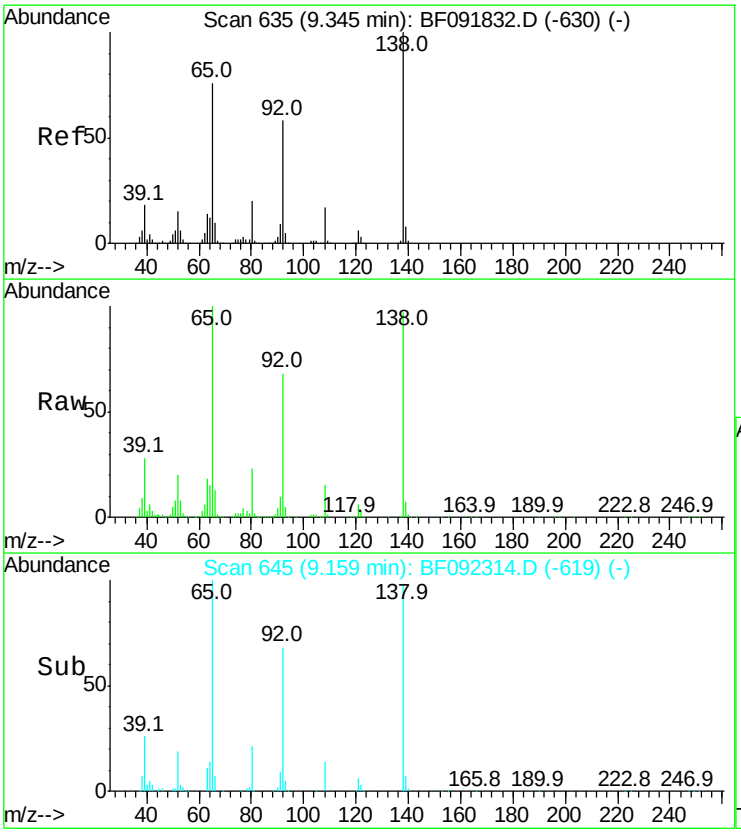
Tgt Ion:162 Resp: 1234907

Ion	Ratio	Lower	Upper
162	100		
127	36.1	30.7	46.1
164	33.7	27.6	41.4



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

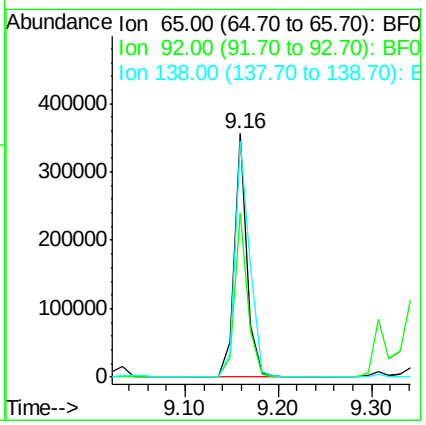
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

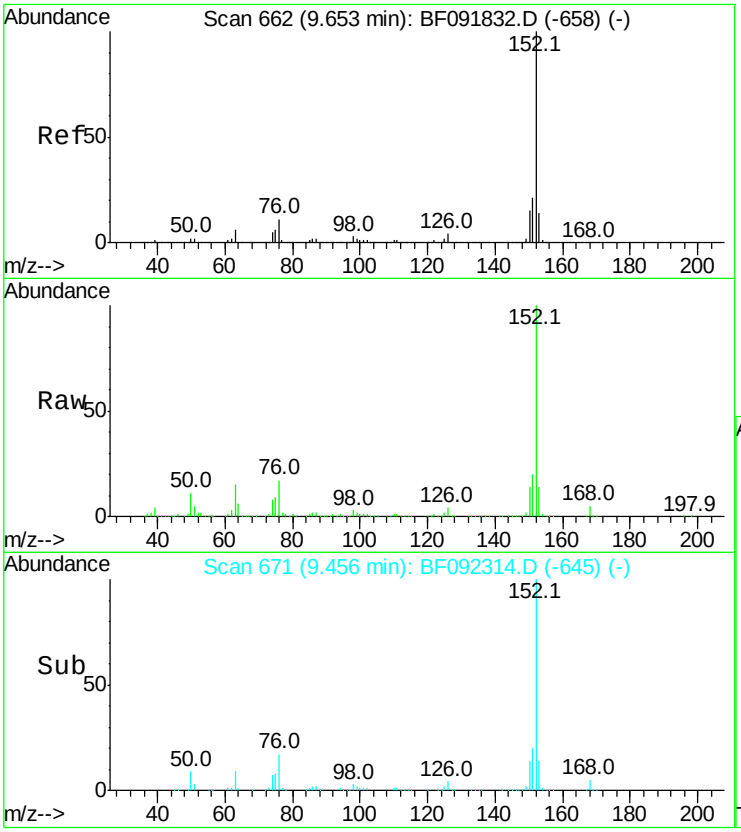


#47
2-Nitroaniline
Concen: 41.35 ng
RT: 9.16 min Scan# 645
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 65 Resp: 337850

Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	97.1	76.8	115.2

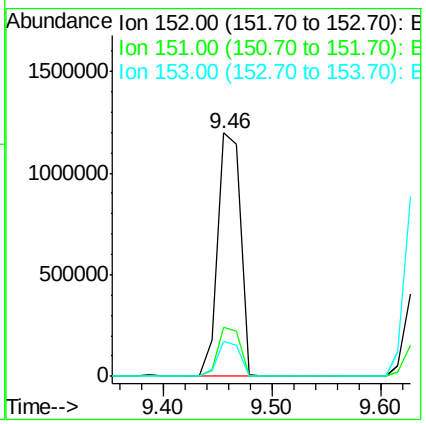




#48
Acenaphthylene
Concen: 49.18 ng
RT: 9.46 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:152 Resp: 1735617

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.9	25.3
153	14.5	11.4	17.2

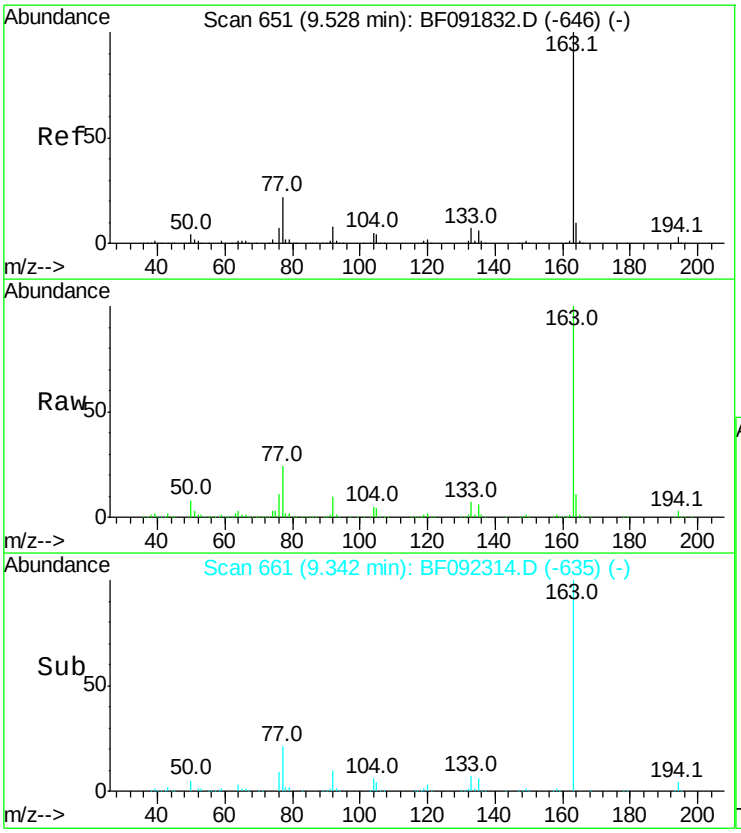


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

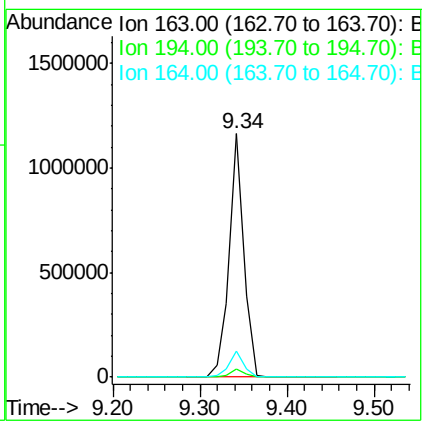
1/17/2017 4:58:27 PM

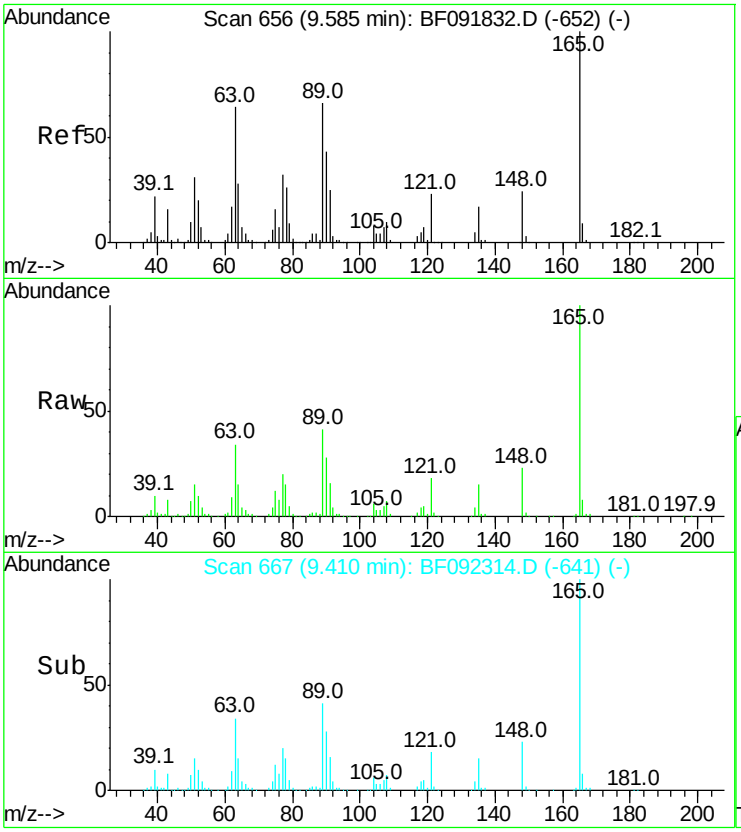


#49
Dimethylphthalate
Concen: 50.04 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:163 Resp: 1354487

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.4
164	10.6	8.0	12.0

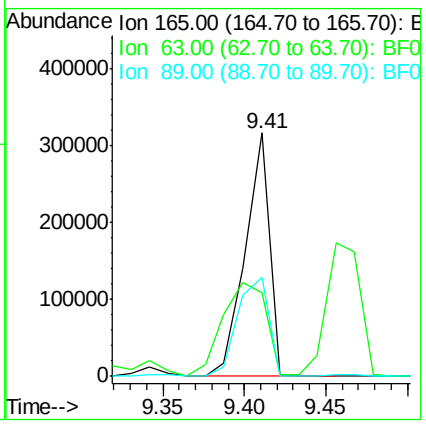




#50
2,6-Dinitrotoluene
Concen: 55.46 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:165 Resp: 328585

Ion	Ratio	Lower	Upper
165	100		
63	34.1	36.2	54.4#
89	40.9	40.2	60.4

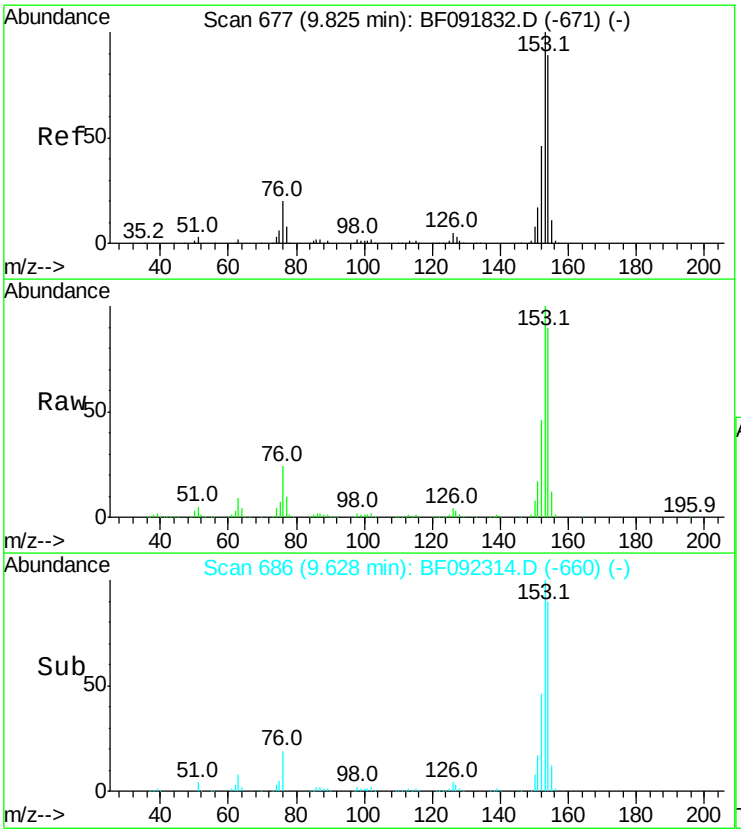


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

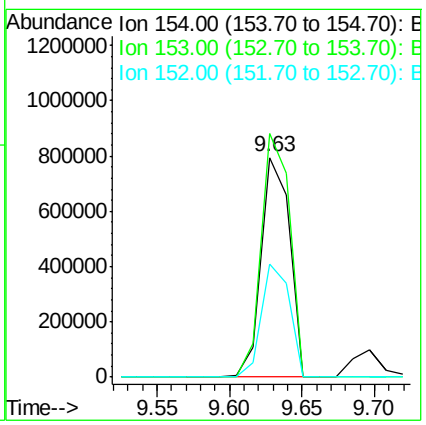
1/17/2017 4:58:27 PM

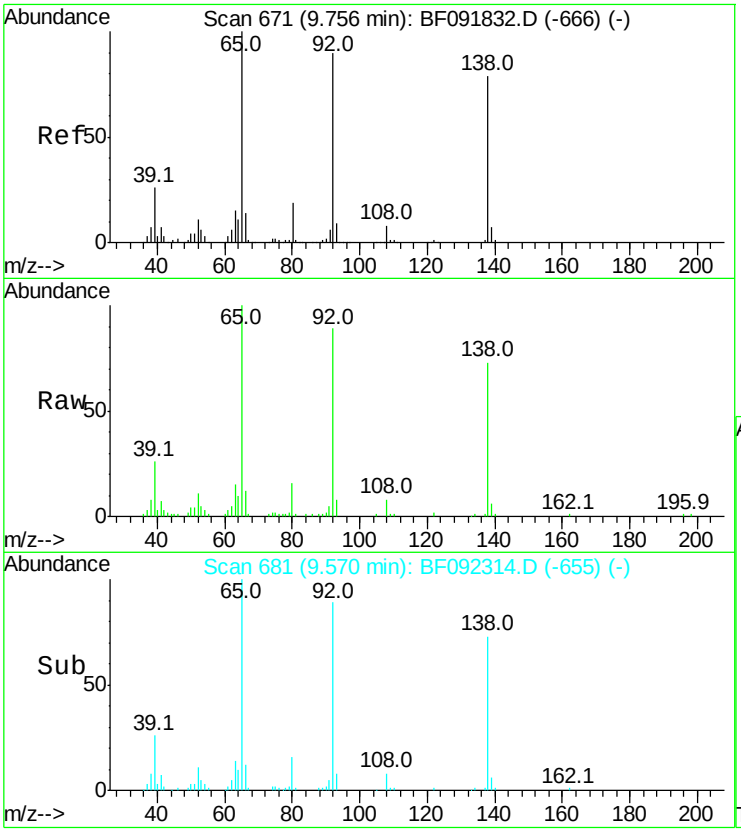


#51
Acenaphthene
Concen: 45.09 ng
RT: 9.63 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:154 Resp: 1078925

Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.6	133.0
152	51.3	41.6	62.4

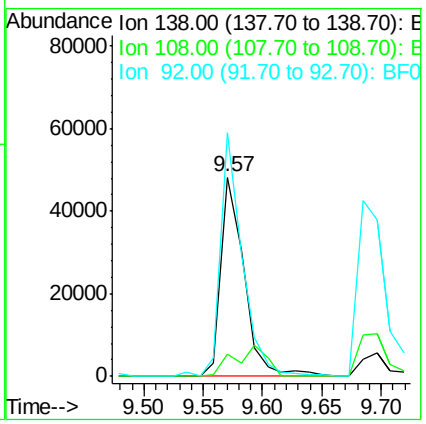




#52
3-Nitroaniline
Concen: 8.86 ng
RT: 9.57 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:138 Resp: 64993

Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	122.5	97.8	146.8

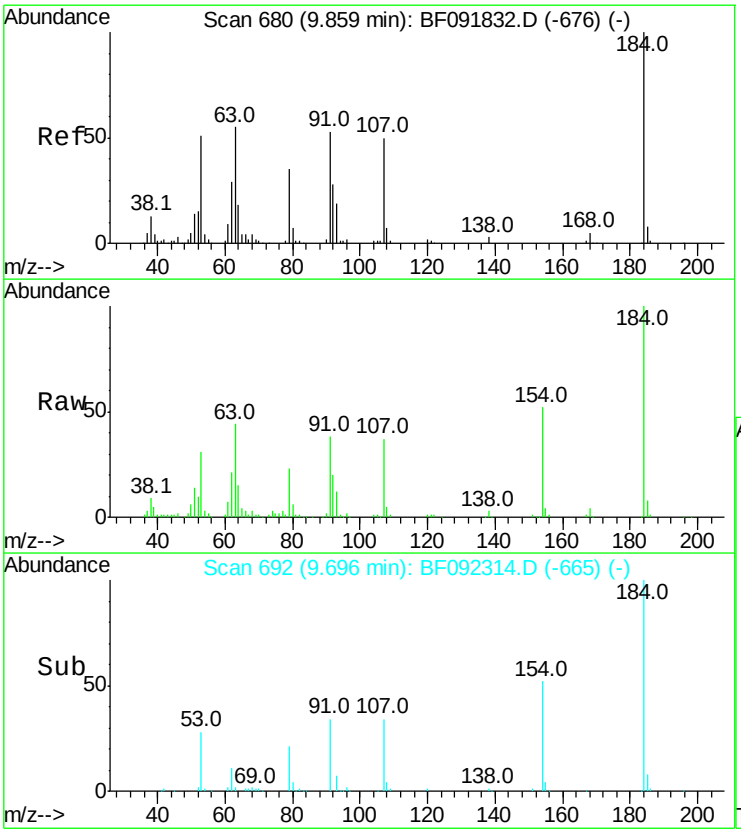


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

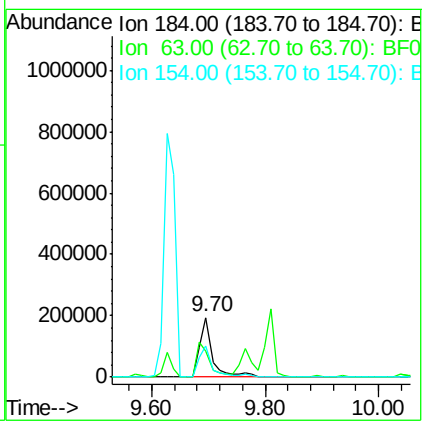
1/17/2017 4:58:27 PM

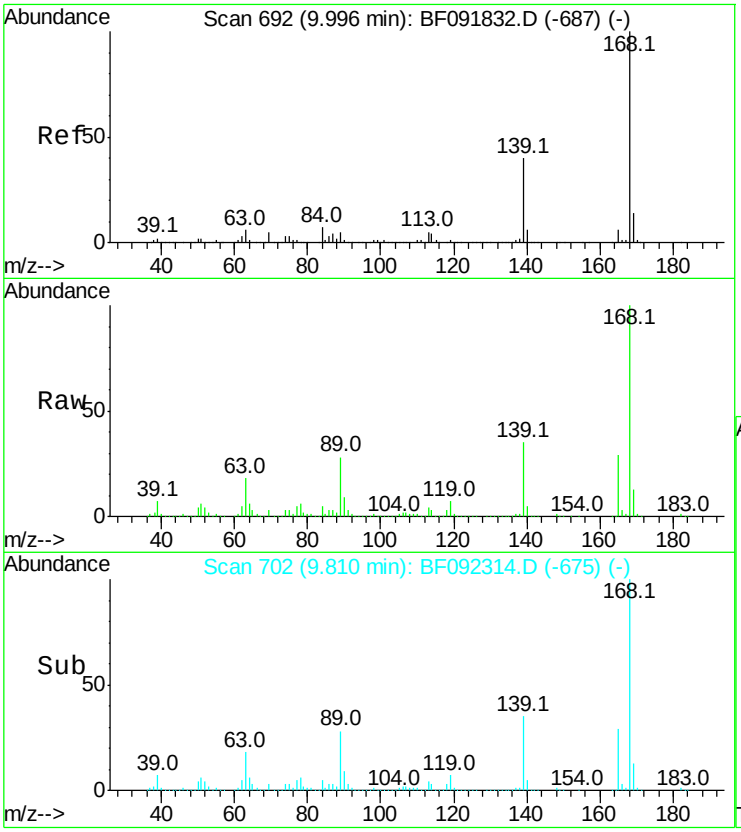


#53
2,4-Dinitrophenol
Concen: 90.07 ng
RT: 9.70 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:184 Resp: 296922

Ion	Ratio	Lower	Upper
184	100		
63	44.0	28.4	42.6#
154	51.9	44.3	66.5

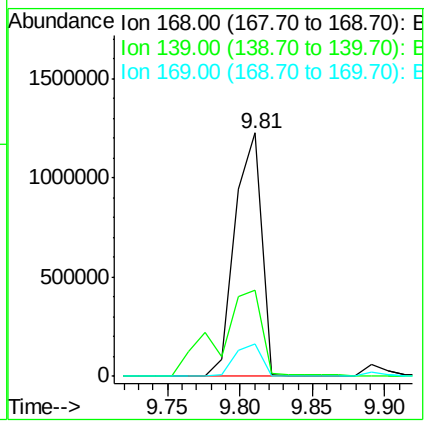




#54
Dibenzofuran
Concen: 48.19 ng
RT: 9.81 min Scan# 702
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:168 Resp: 1557088

Ion	Ratio	Lower	Upper
168	100		
139	35.2	32.6	49.0
169	13.2	11.3	16.9

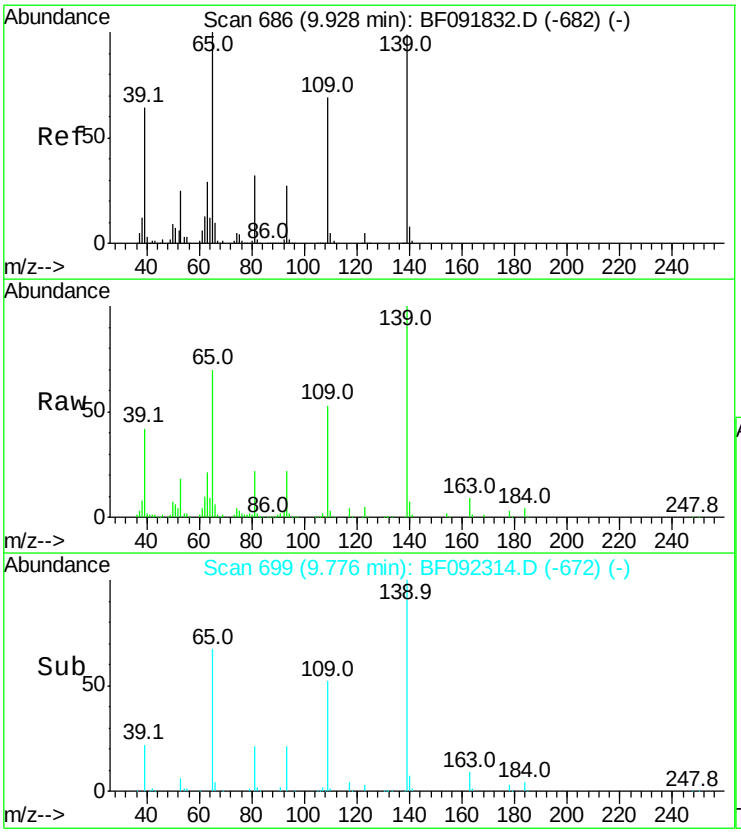


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

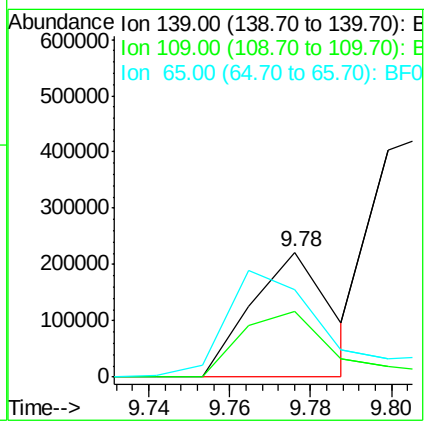
1/17/2017 4:58:27 PM

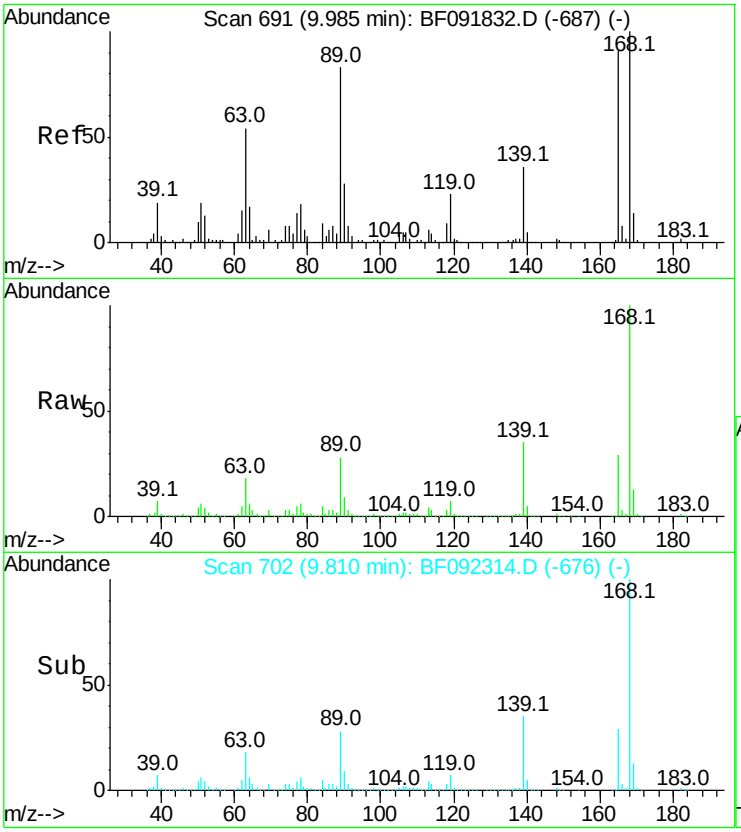


#55
4-Nitrophenol
Concen: 60.88 ng m
RT: 9.78 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:139 Resp: 303059

Ion	Ratio	Lower	Upper
139	100		
109	52.6	52.2	92.2
65	69.9	85.8	125.8#

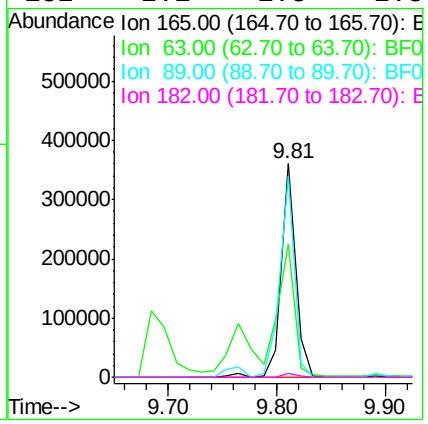




#56
2,4-Dinitrotoluene
Concen: 44.81 ng
RT: 9.81 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:165 Resp: 333241

Ion	Ratio	Lower	Upper
165	100		
63	62.2	40.2	60.4#
89	93.9	62.5	93.7#
182	2.1	1.8	2.8

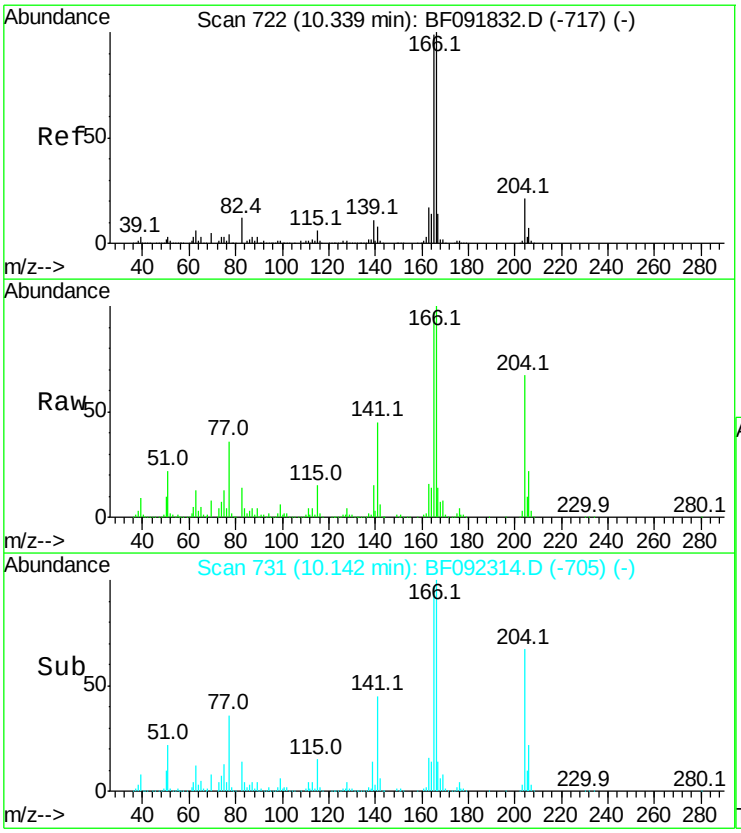


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

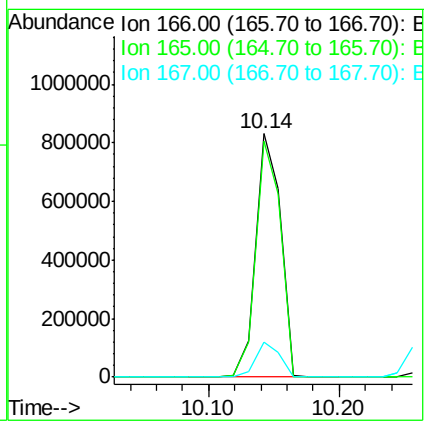
1/17/2017 4:58:27 PM

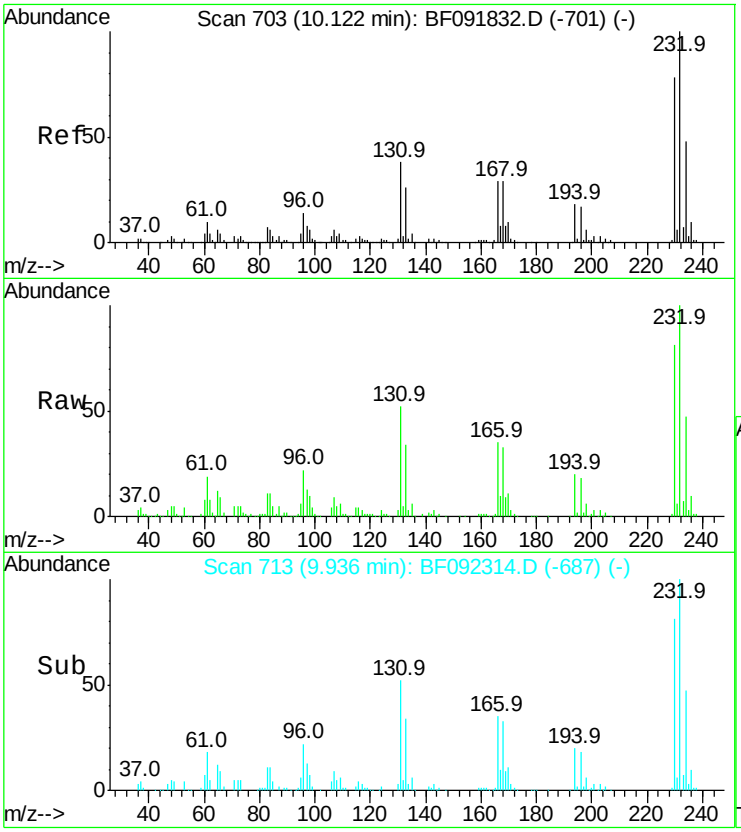


#57
Fluorene
Concen: 46.88 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:166 Resp: 1102171

Ion	Ratio	Lower	Upper
166	100		
165	97.1	77.8	116.8
167	14.1	10.8	16.2

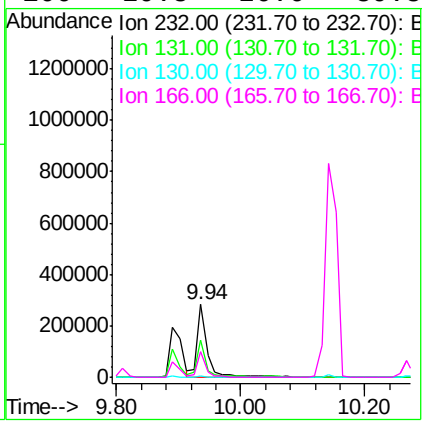




#58
2,3,4,6-Tetrachlorophenol
Concen: 52.31 ng
RT: 9.94 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:232 Resp: 318388

Ion	Ratio	Lower	Upper
232	100		
131	46.3	40.1	60.1
130	2.3	1.8	2.8
166	29.8	26.6	39.8

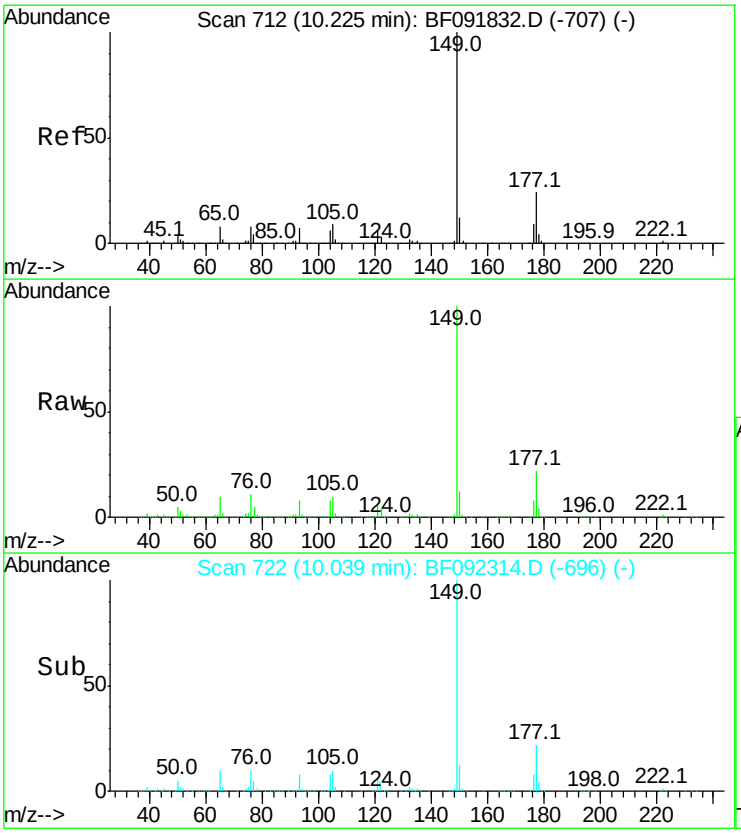


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

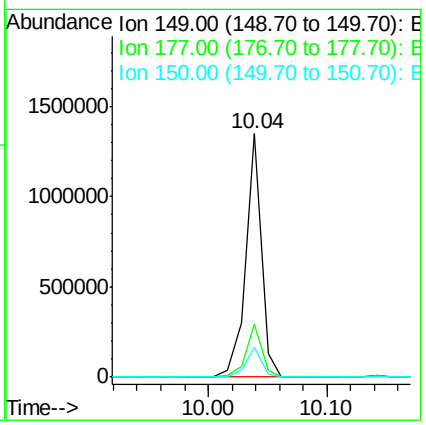
1/17/2017 4:58:27 PM

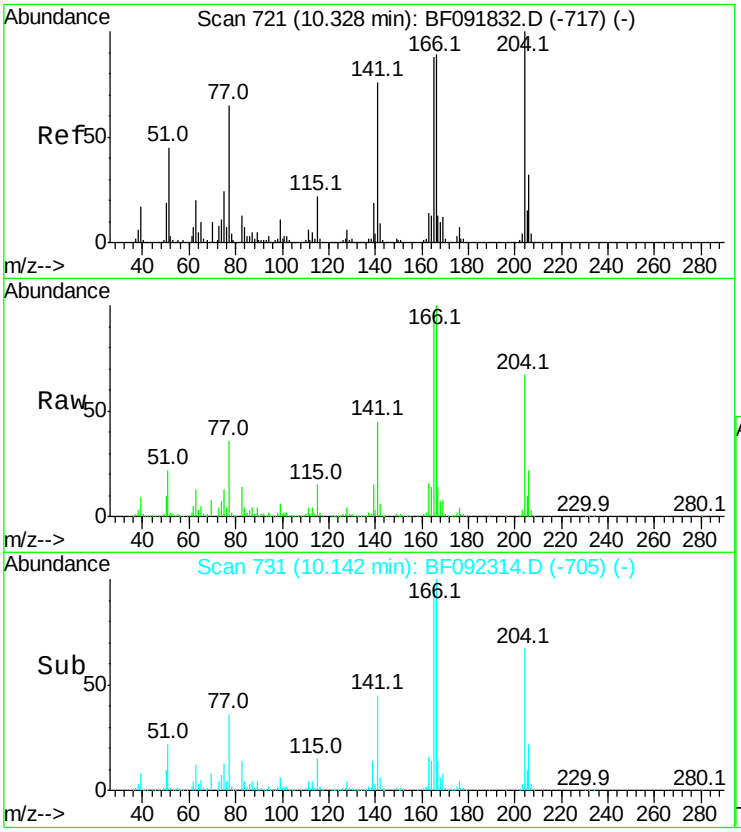


#59
Diethylphthalate
Concen: 47.57 ng
RT: 10.04 min Scan# 722
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:149 Resp: 1250453

Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.6	25.0
150	12.5	10.4	15.6

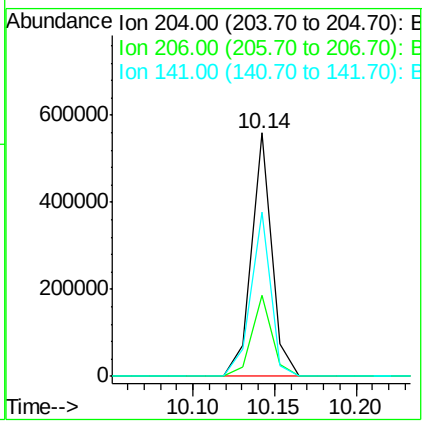




#60
4-Chlorophenyl-phenylether
Concen: 47.23 ng
RT: 10.14 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

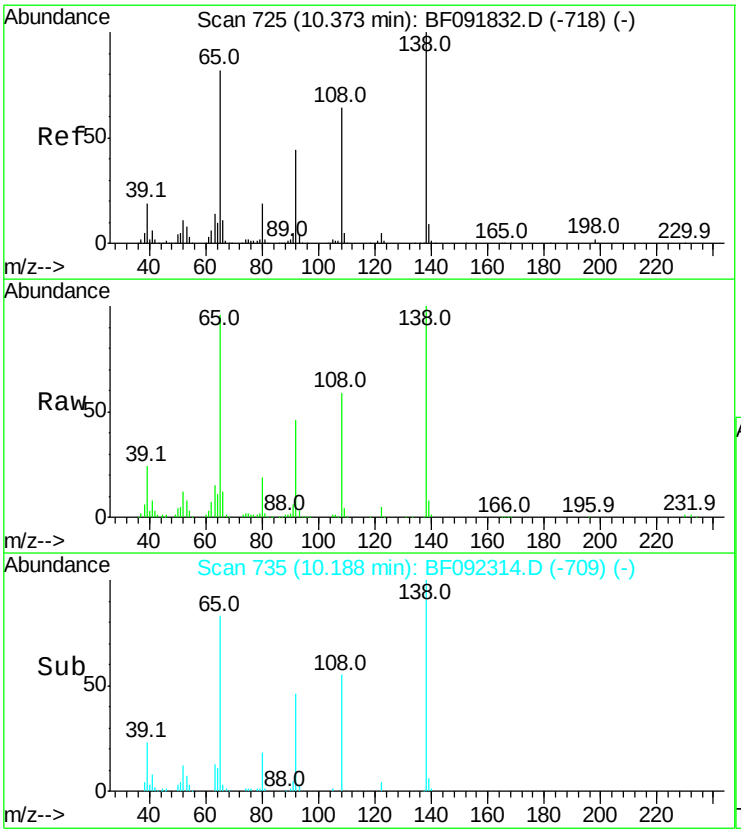
Tgt Ion:204 Resp: 486190

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	67.4	59.4	89.0



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

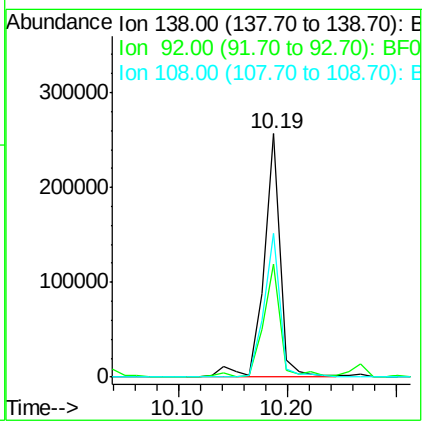
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

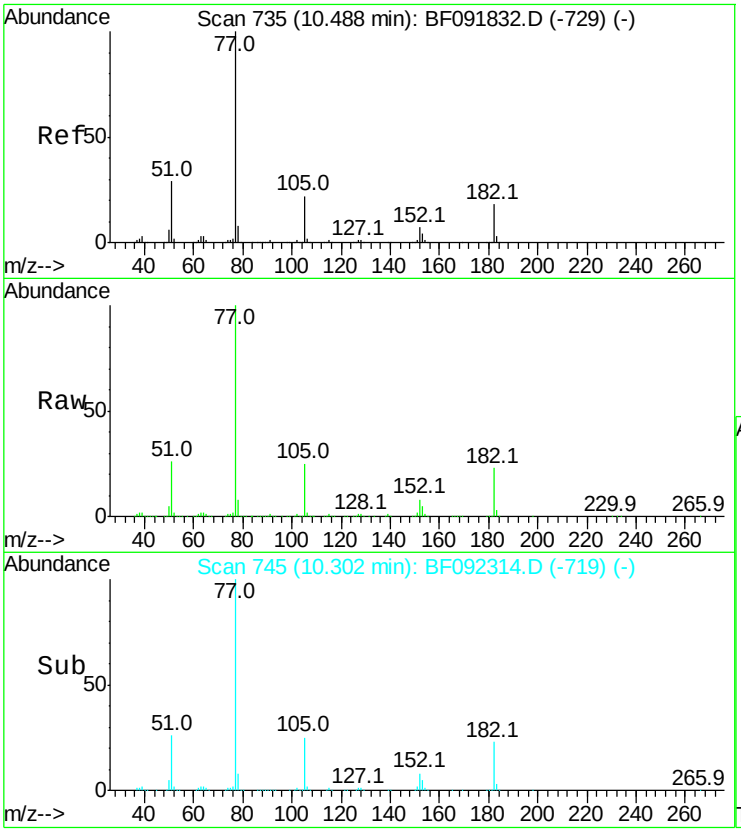


#61
4-Nitroaniline
Concen: 35.80 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:138 Resp: 272023

Ion	Ratio	Lower	Upper
138	100		
92	46.3	31.7	71.7
108	58.8	52.6	92.6

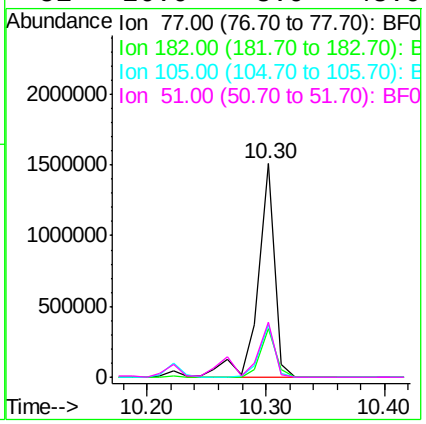




#62
Azobenzene
Concen: 51.60 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion: 77 Resp: 1493349

Ion	Ratio	Lower	Upper
77	100		
182	22.6	0.0	39.3
105	24.7	2.3	42.3
51	26.0	8.9	48.9

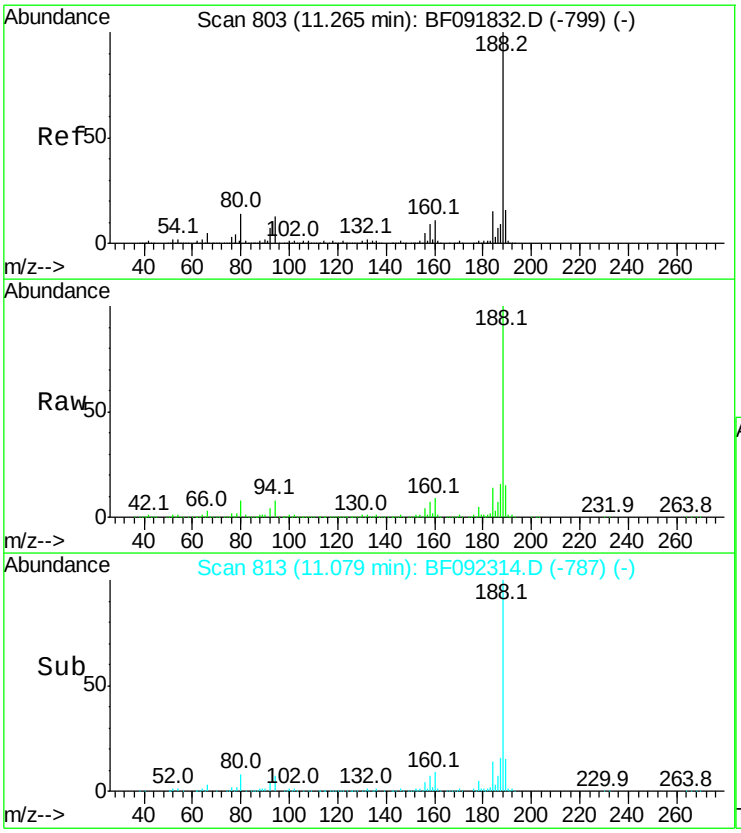


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

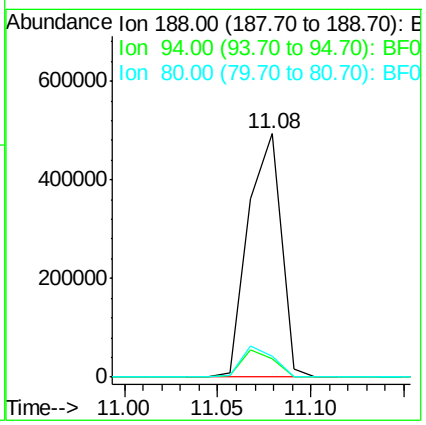
1/17/2017 4:58:27 PM

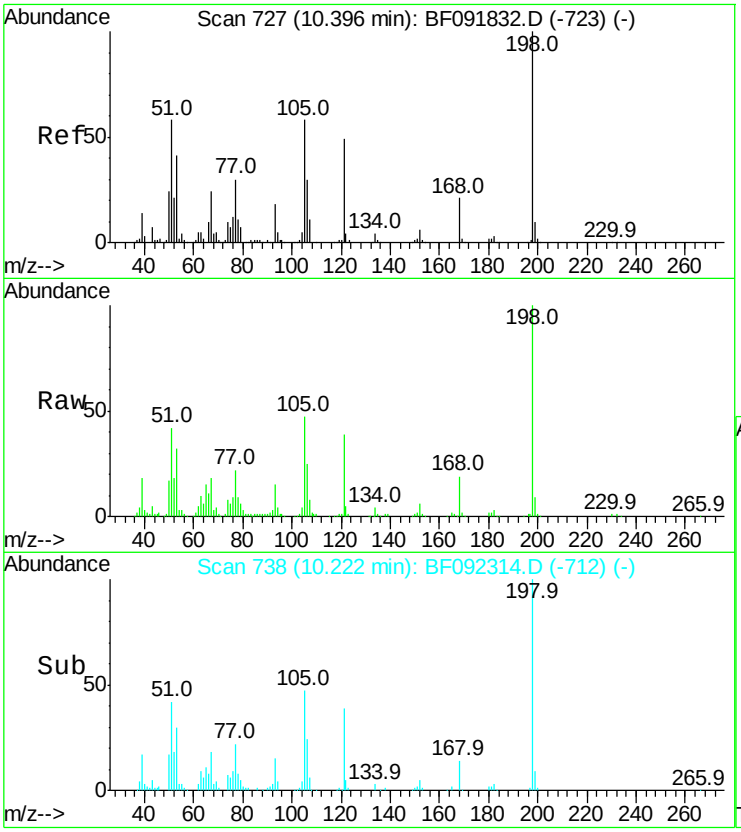


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:188 Resp: 603831

Ion	Ratio	Lower	Upper
188	100		
94	7.7	10.0	15.0#
80	8.3	11.2	16.8#

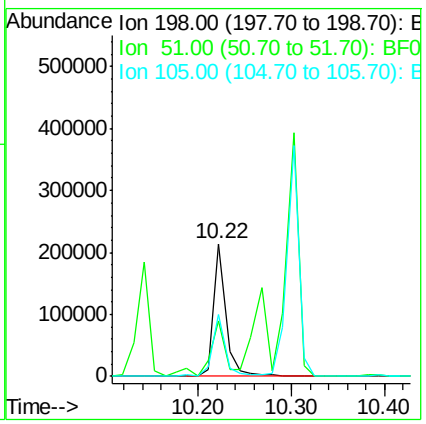




#64
4,6-Dinitro-2-methylphenol
Concen: 54.02 ng
RT: 10.22 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

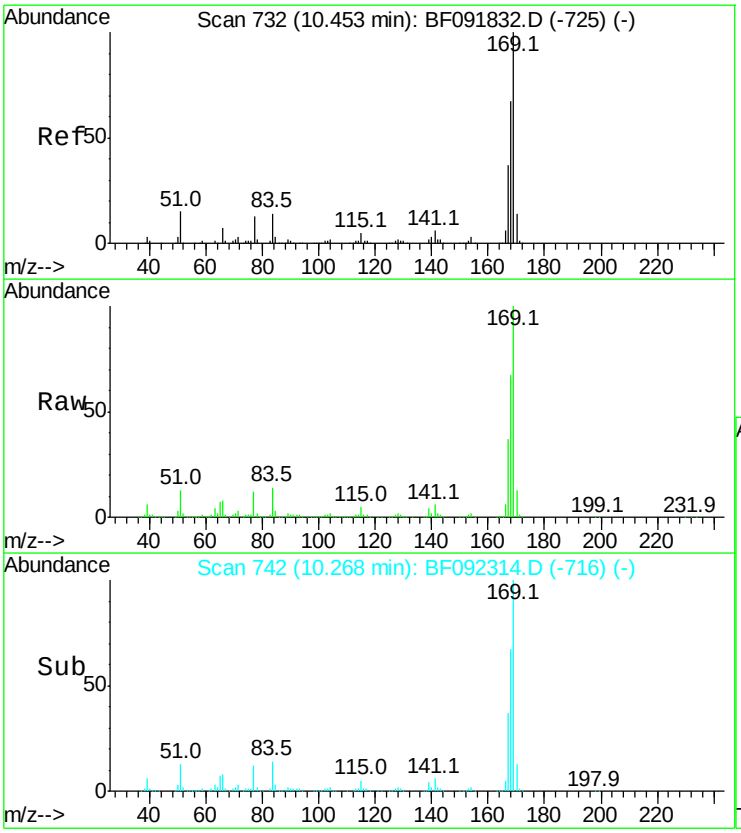
Tgt Ion:198 Resp: 197258

Ion	Ratio	Lower	Upper
198	100		
51	41.5	6.7	46.7
105	47.0	16.6	56.6



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

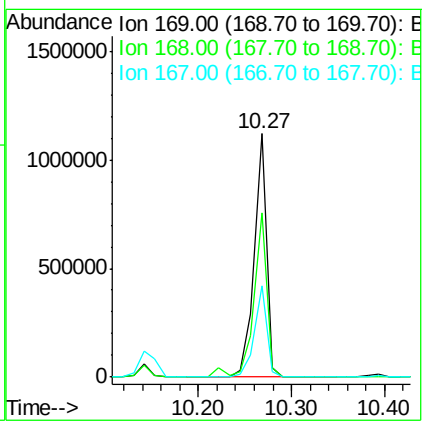
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

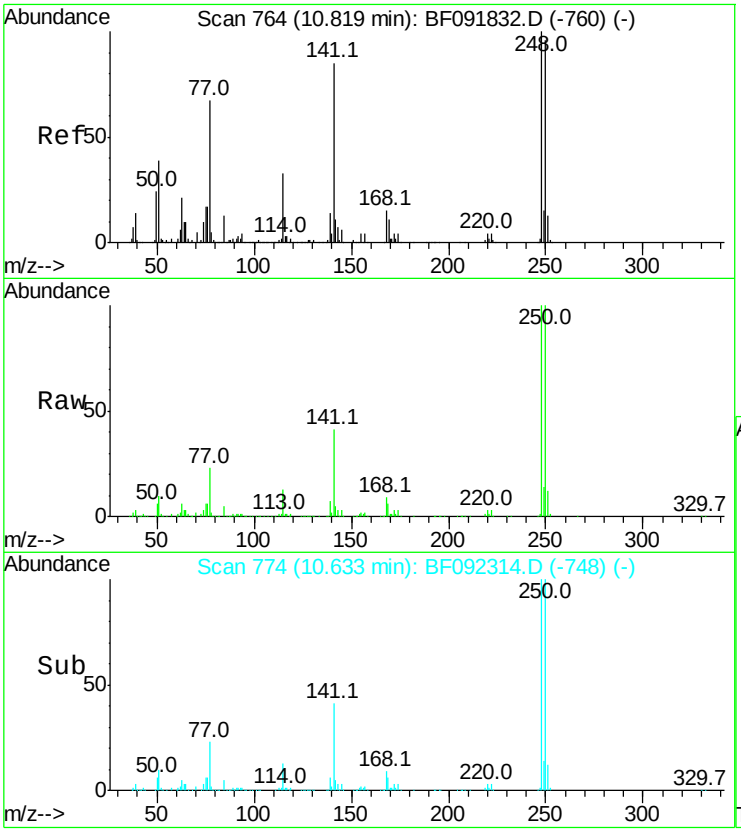


#65
n-Nitrosodiphenylamine
Concen: 57.29 ng
RT: 10.27 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:169 Resp: 1026520

Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.2	81.2
167	37.5	30.2	45.4

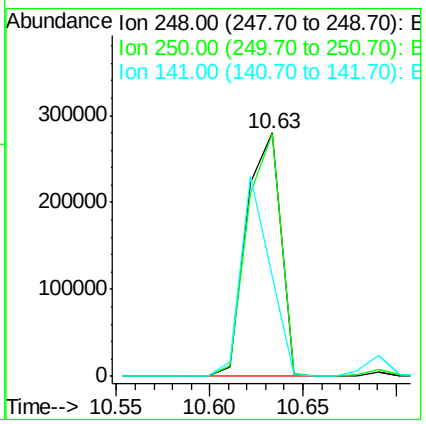




#66
4-Bromophenyl-phenylether
Concen: 56.38 ng
RT: 10.63 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

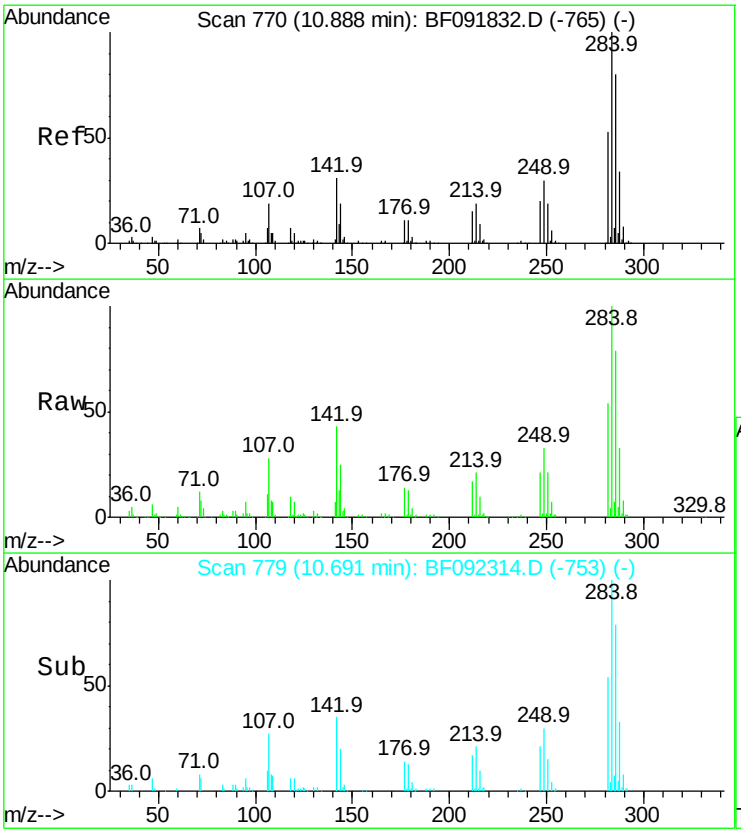
Tgt Ion:248 Resp: 354150

Ion	Ratio	Lower	Upper
248	100		
250	99.7	76.9	115.3
141	41.2	68.2	102.4#



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

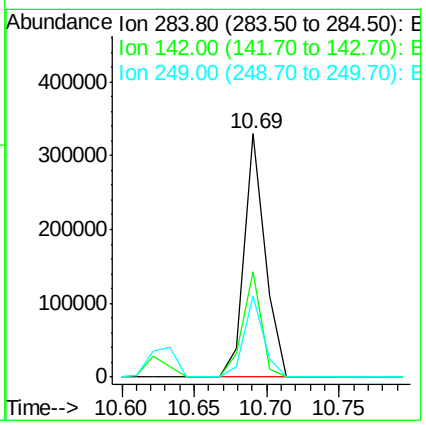
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

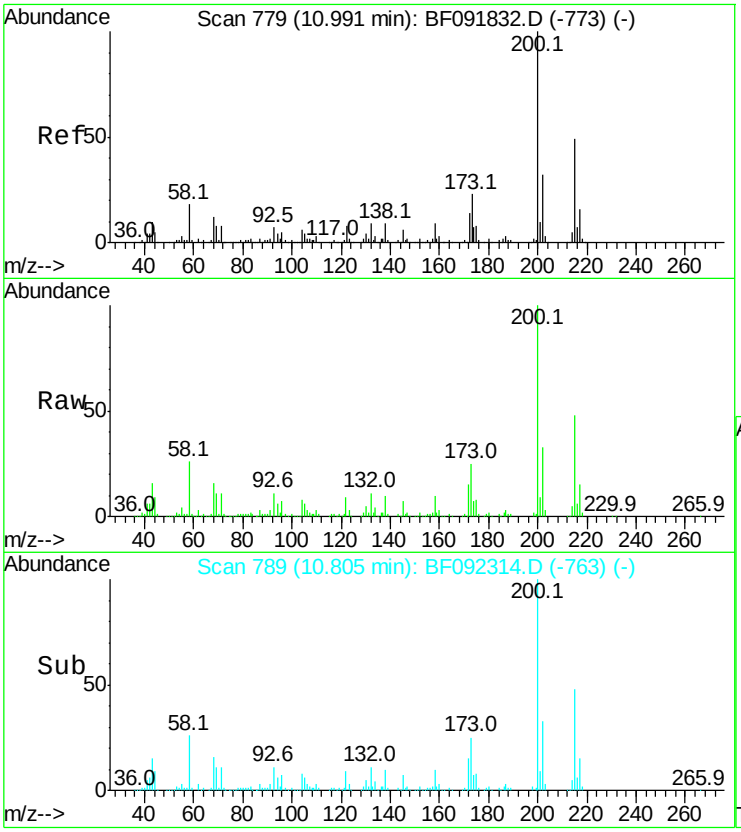


#67
Hexachlorobenzene
Concen: 49.20 ng
RT: 10.69 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:284 Resp: 330337

Ion	Ratio	Lower	Upper
284	100		
142	43.1	22.6	33.8#
249	33.0	25.4	38.0

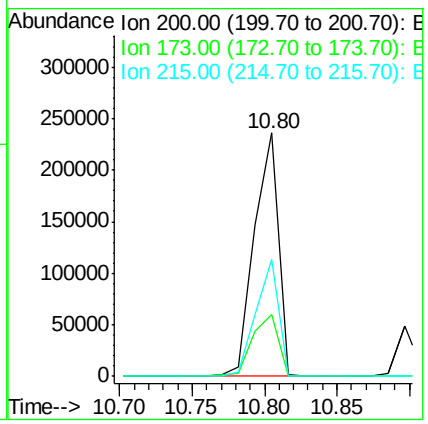




#68
Atrazine
Concen: 46.89 ng
RT: 10.80 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:200 Resp: 271009

Ion	Ratio	Lower	Upper
200	100		
173	25.3	9.6	49.6
215	48.0	25.7	65.7

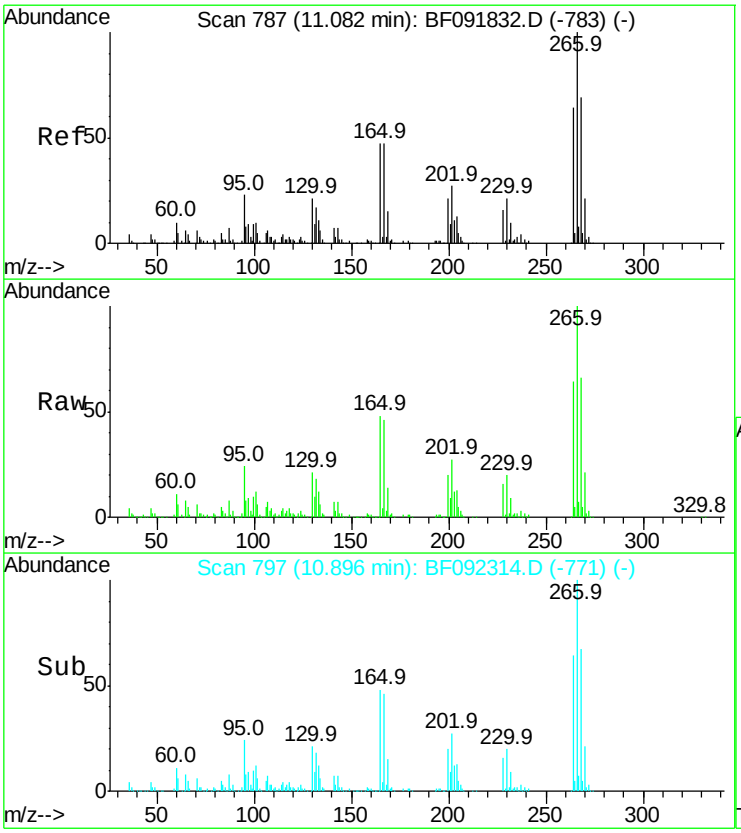


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

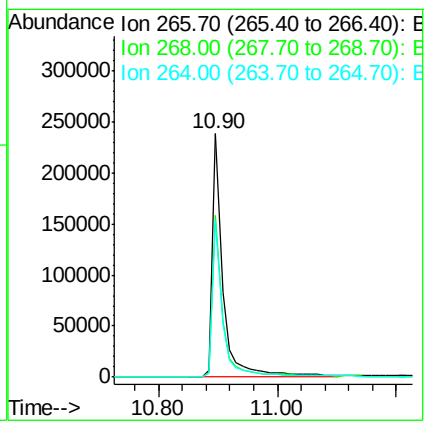
1/17/2017 4:58:27 PM

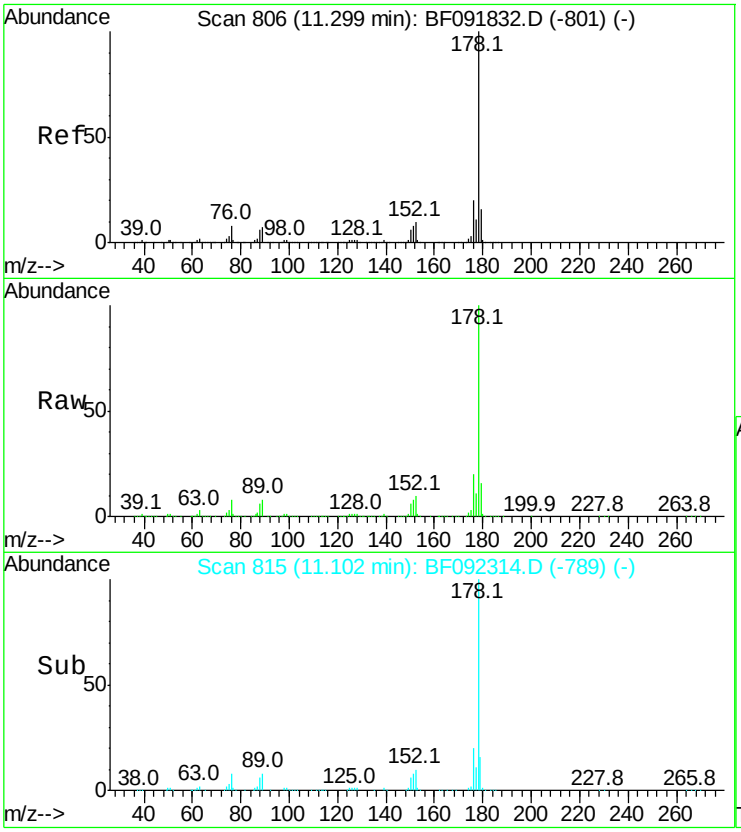


#69
Pentachlorophenol
Concen: 89.72 ng
RT: 10.90 min Scan# 797
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:266 Resp: 295567

Ion	Ratio	Lower	Upper
266	100		
268	66.4	53.3	79.9
264	64.4	50.3	75.5

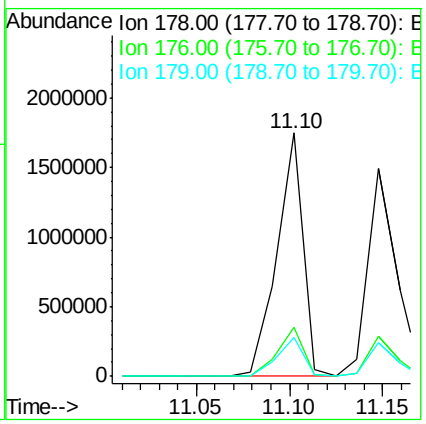




#70
Phenanthrene
Concen: 51.92 ng
RT: 11.10 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

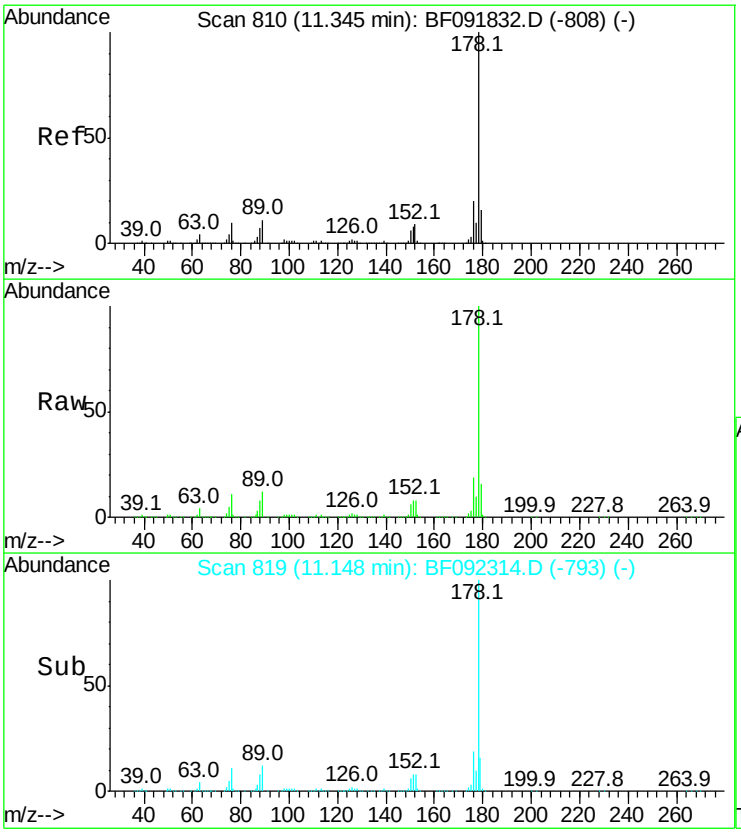
Tgt Ion:178 Resp: 1699898

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.9	12.8	19.2



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

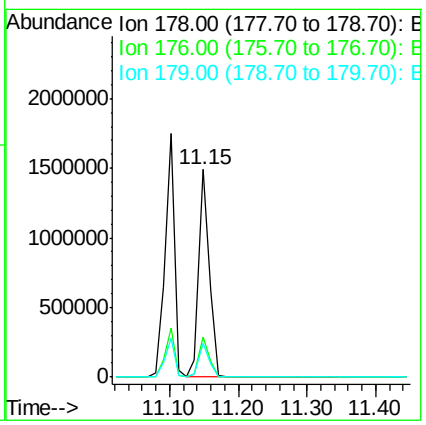
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

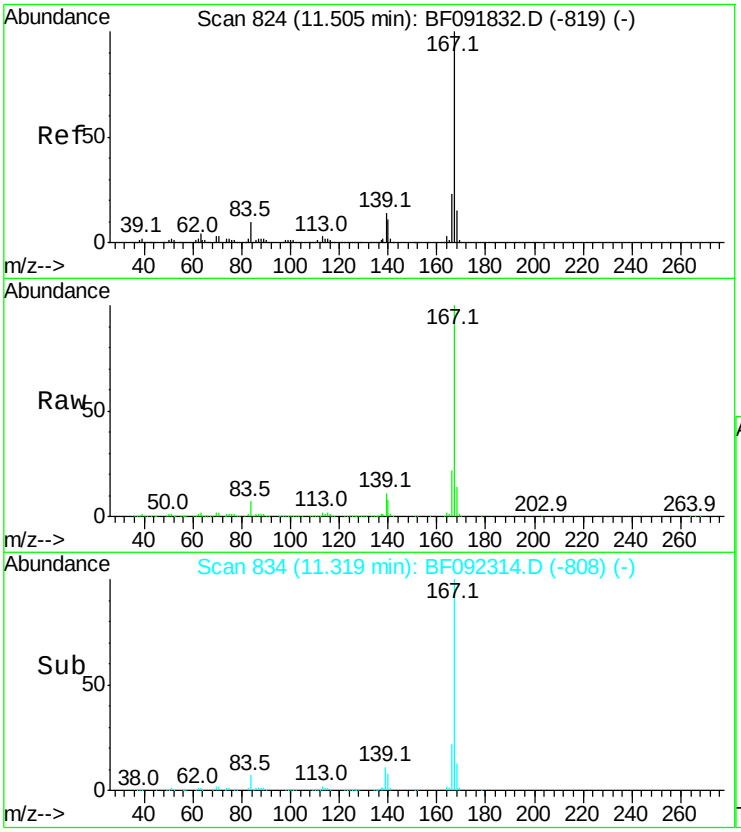


#71
Anthracene
Concen: 60.81 ng
RT: 11.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:178 Resp: 1554979

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	16.4	13.2	19.8

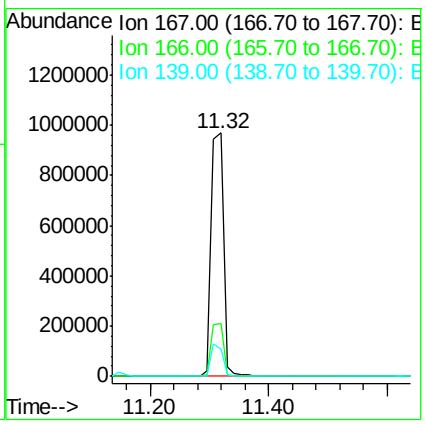




#72
Carbazole
Concen: 60.17 ng
RT: 11.32 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:167 Resp: 1378099

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	11.2	11.4	17.2#

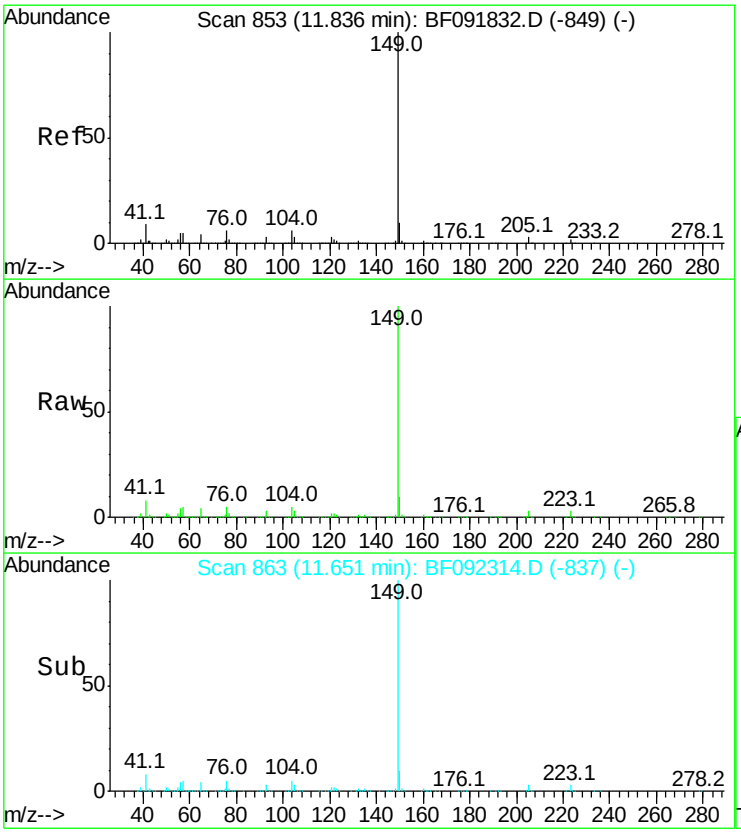


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

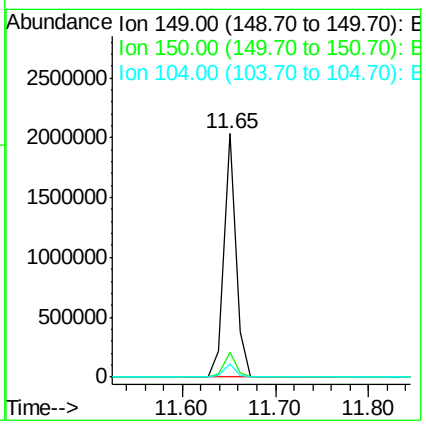
1/17/2017 4:58:27 PM

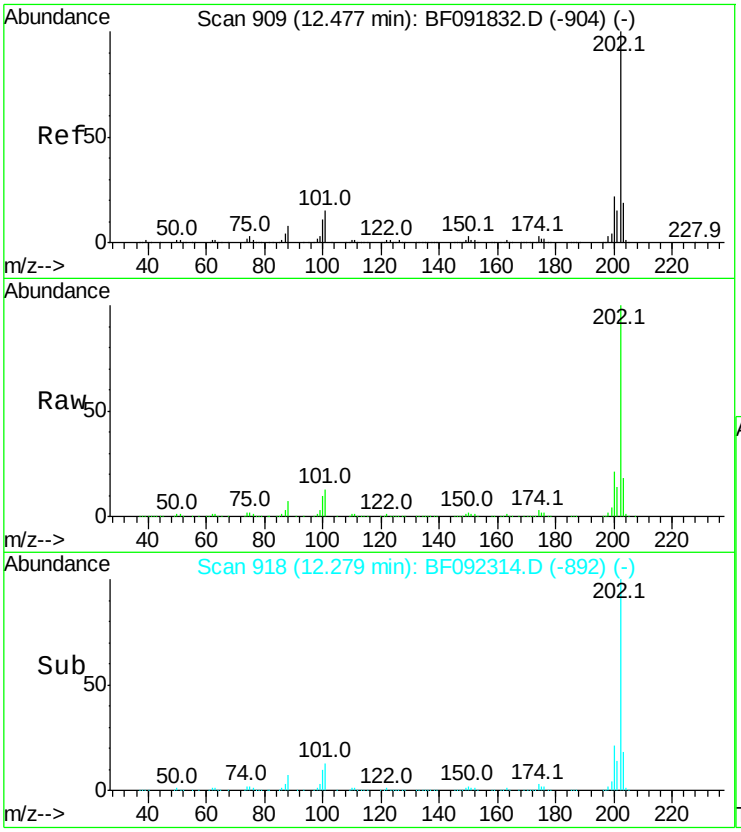


#73
Di-n-butylphthalate
Concen: 59.85 ng
RT: 11.65 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:149 Resp: 1814843

Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.1	12.1
104	5.3	4.6	7.0

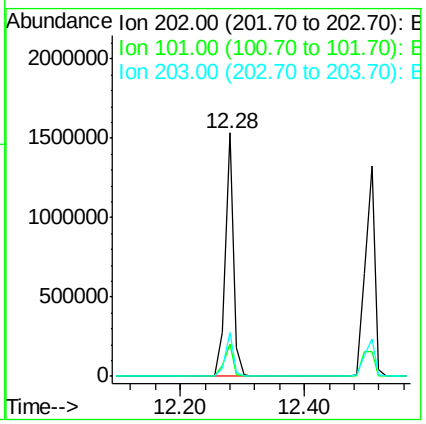




#74
Fluoranthene
Concen: 48.52 ng
RT: 12.28 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

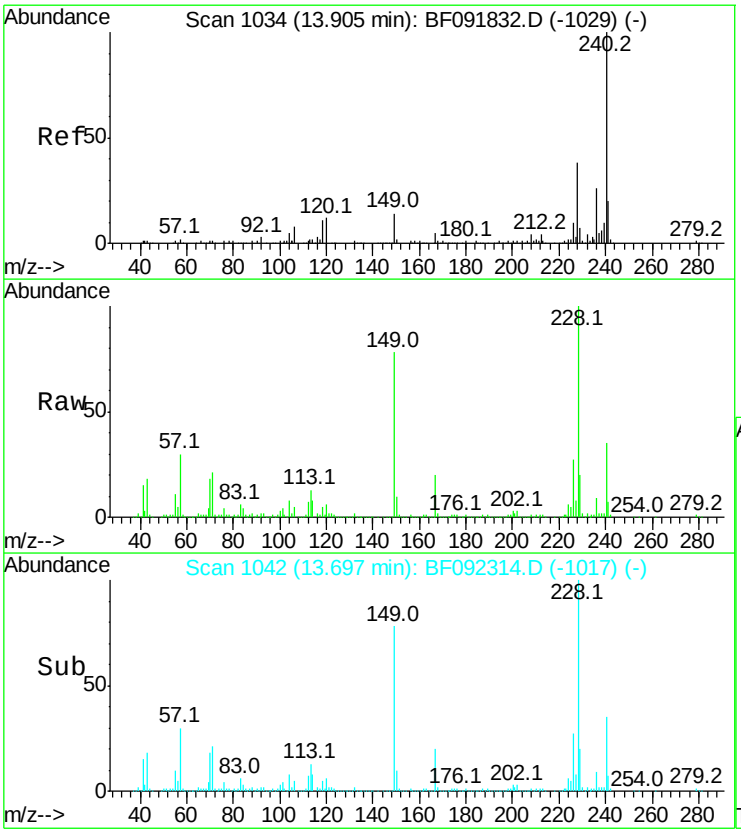
Tgt Ion:202 Resp: 1385225

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.6
203	17.8	0.0	38.7



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

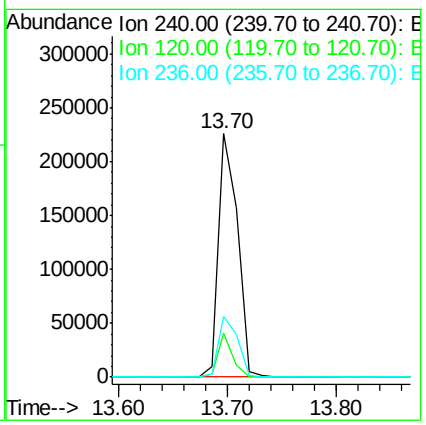
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

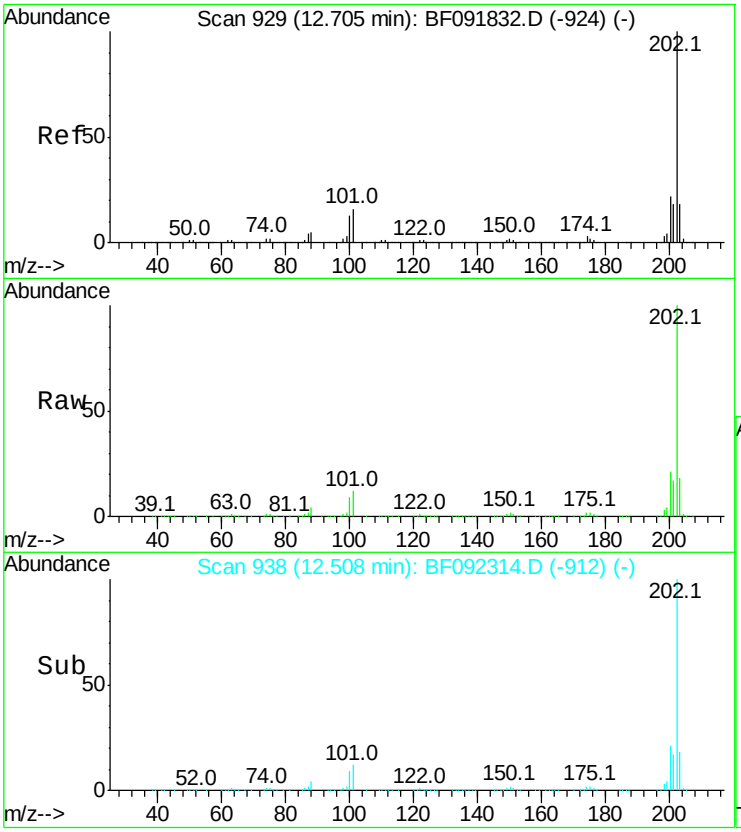


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:240 Resp: 275730

Ion	Ratio	Lower	Upper
240	100		
120	17.8	12.9	19.3
236	25.0	20.9	31.3

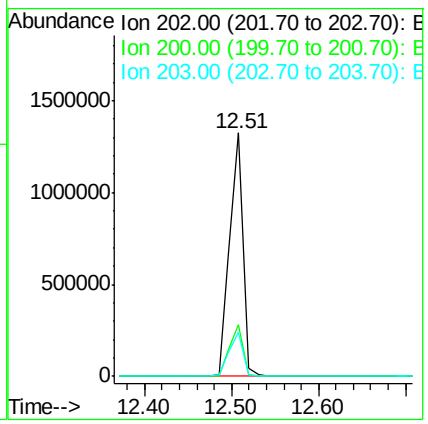




#77
Pyrene
Concen: 69.53 ng
RT: 12.51 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

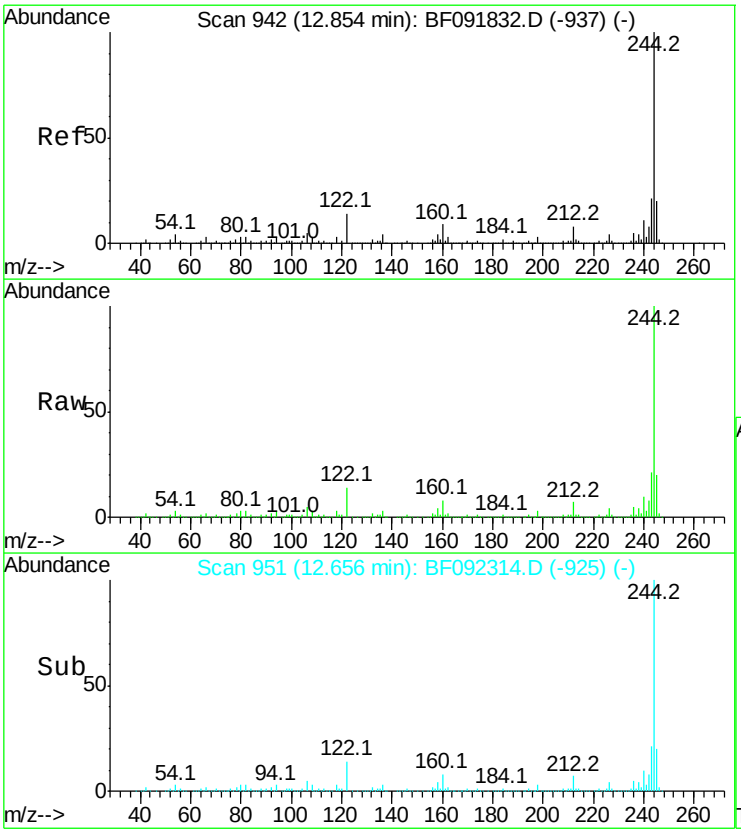
Tgt Ion:202 Resp: 1406545

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.9	14.7	22.1



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

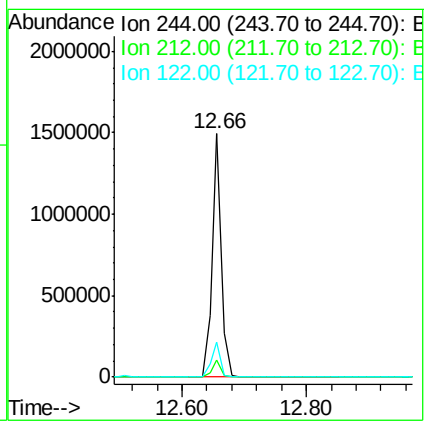
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

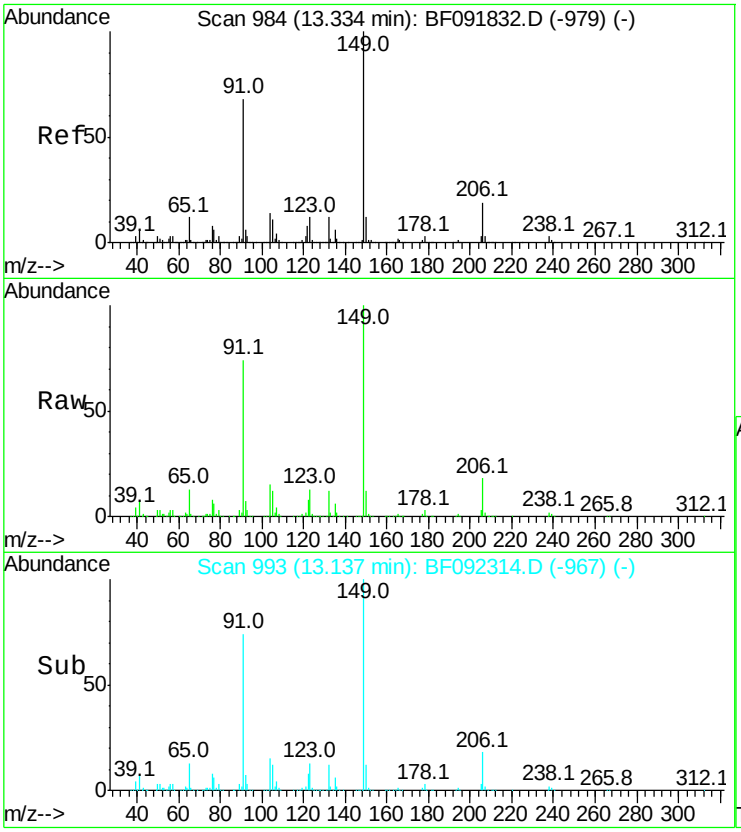


#78
Terphenyl-d14
Concen: 130.76 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:244 Resp: 1486596

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	14.1	11.4	17.2

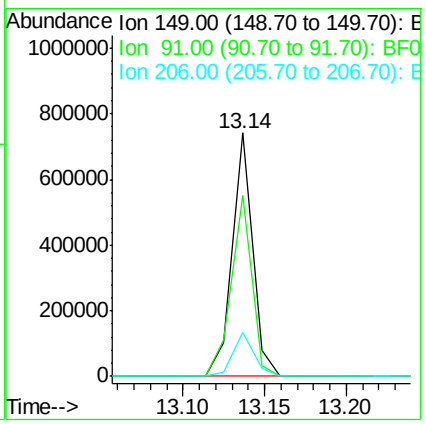




#79
Butylbenzylphthalate
Concen: 69.06 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

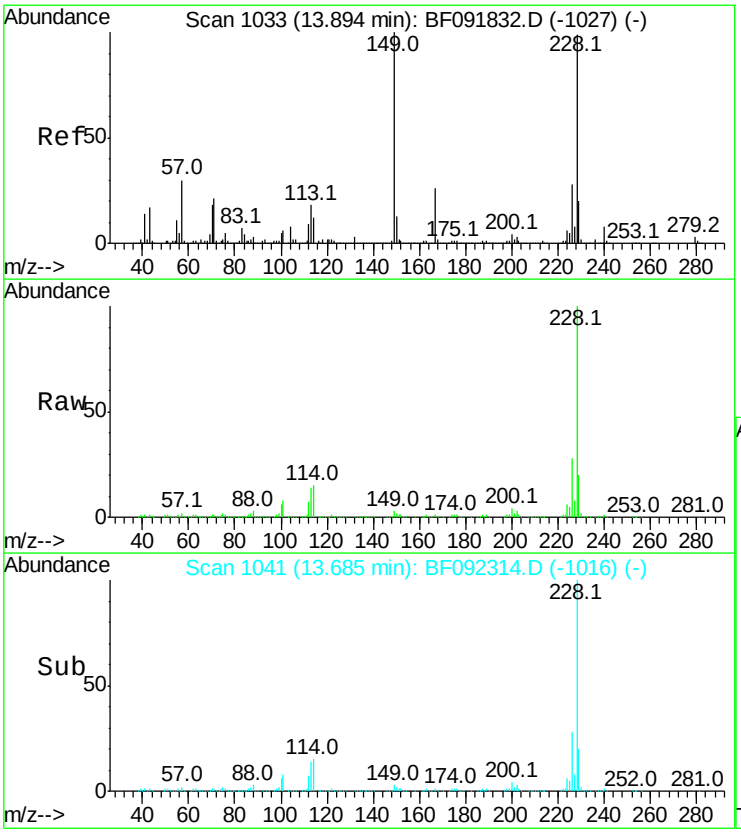
Tgt Ion:149 Resp: 635456

Ion	Ratio	Lower	Upper
149	100		
91	74.1	63.9	95.9
206	18.0	14.6	21.8



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

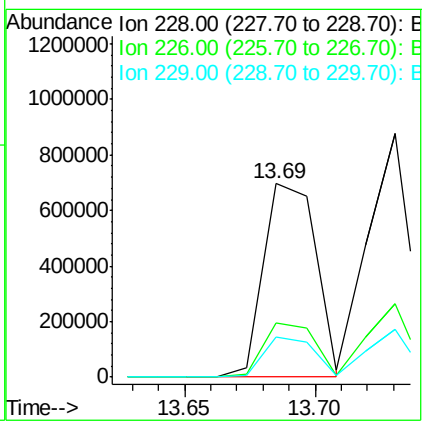
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

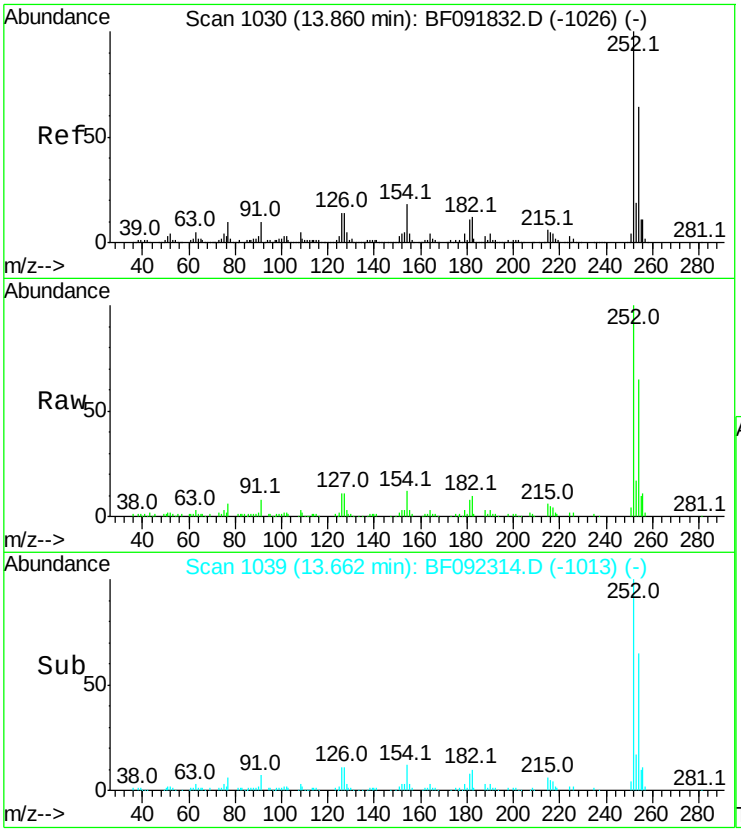


#80
Benzo(a)anthracene
Concen: 62.06 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:228 Resp: 965930

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	20.4	16.2	24.4

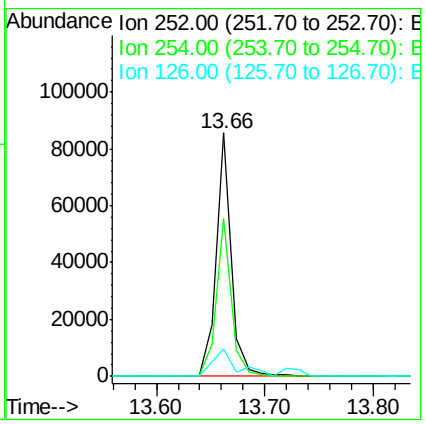




#81
3,3'-Dichlorobenzidine
Concen: 14.17 ng
RT: 13.66 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

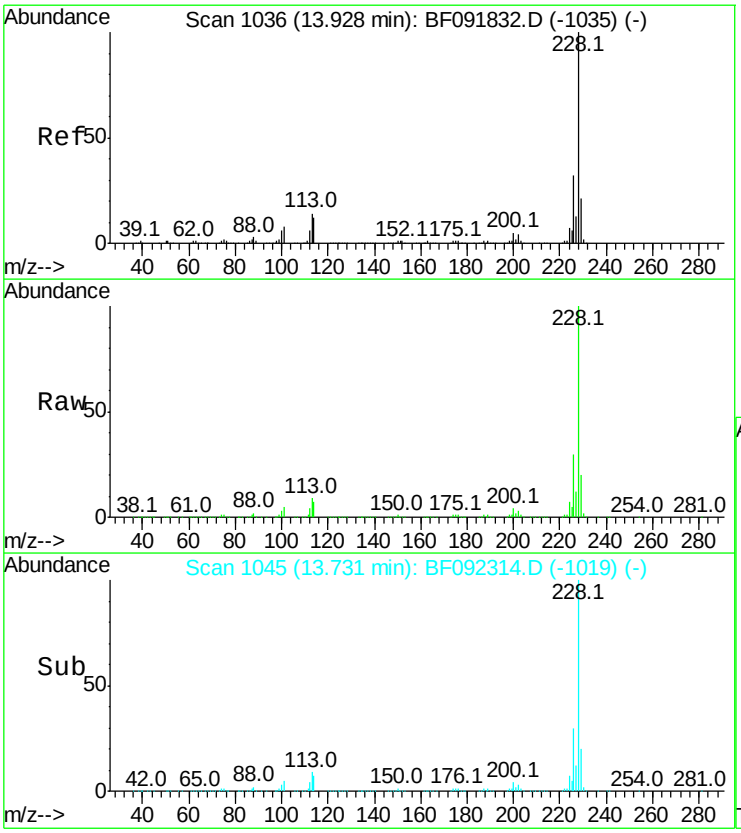
Tgt Ion:252 Resp: 83605

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.3	78.5
126	11.1	13.6	20.4#



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

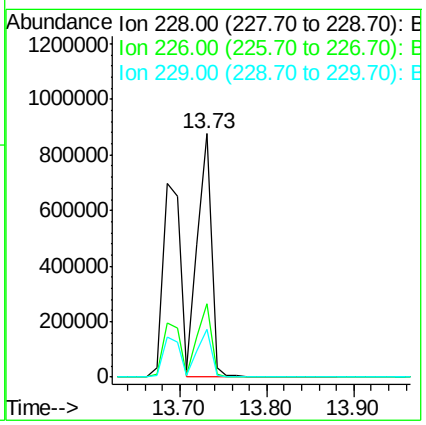
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

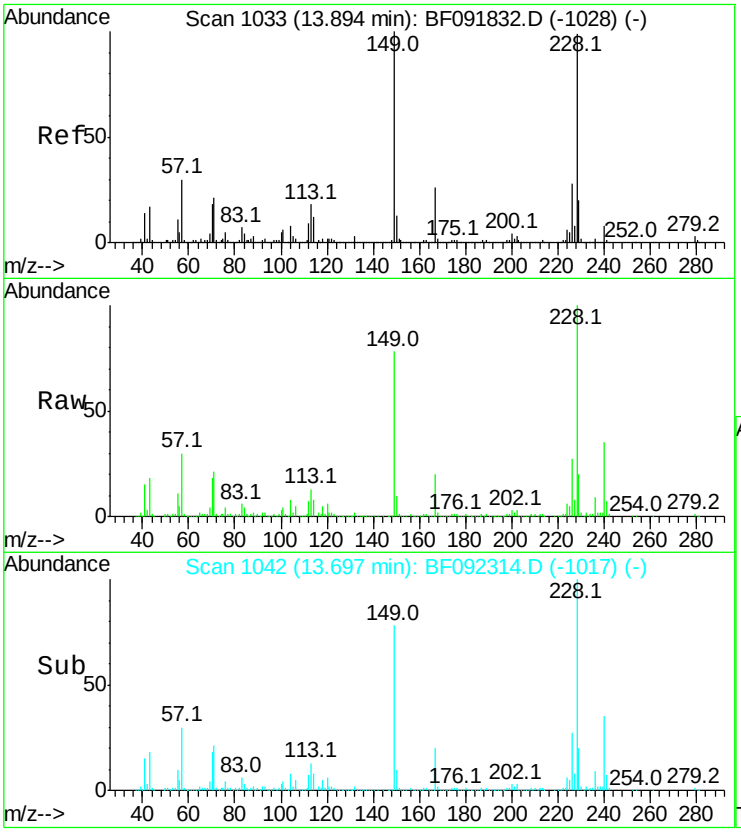


#82
Chrysene
Concen: 61.65 ng
RT: 13.73 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:228 Resp: 962510

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.0
229	19.6	16.2	24.2

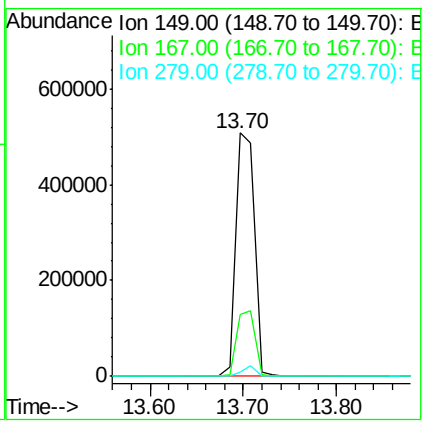




#83
Bis(2-ethylhexyl)phthalate
Concen: 65.21 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

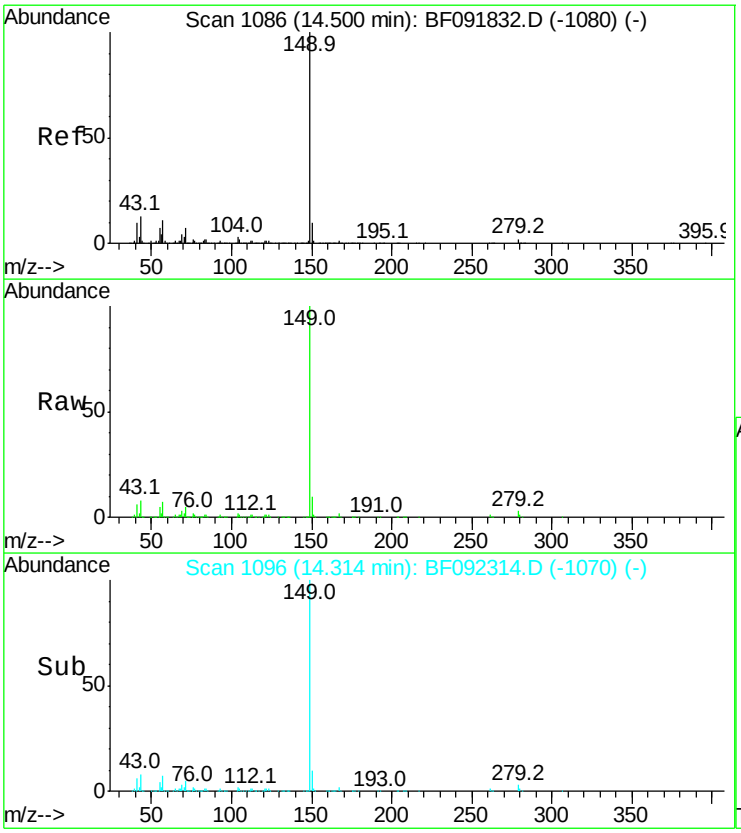
Tgt Ion:149 Resp: 706542

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.2	30.4
279	1.8	1.8	2.8#



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

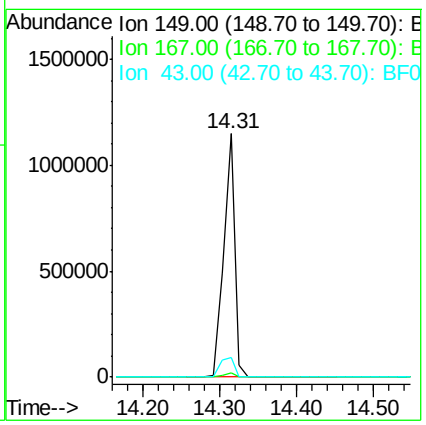
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

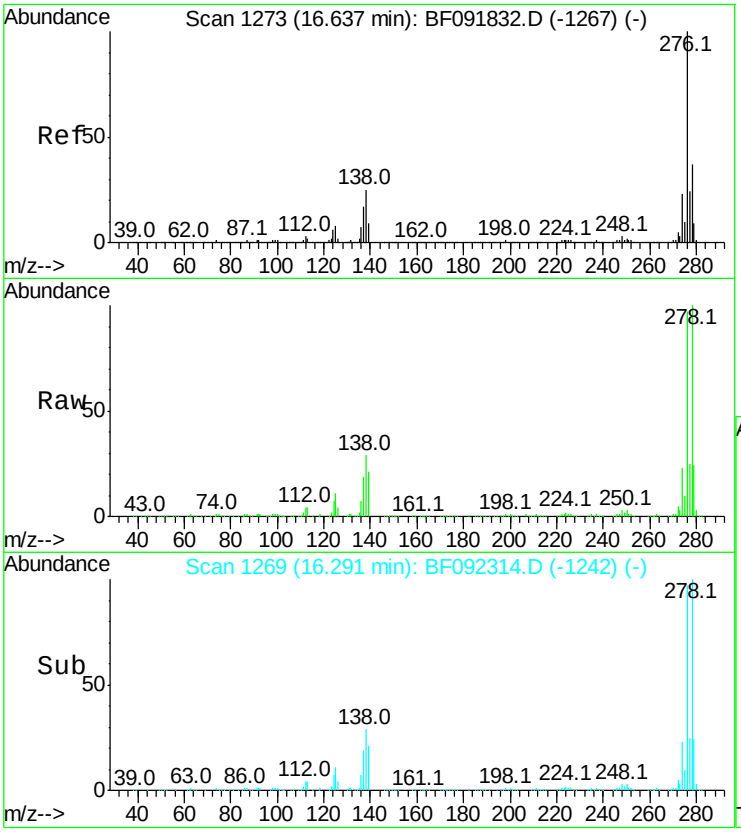


#84
Di-n-octyl phthalate
Concen: 58.66 ng
RT: 14.31 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:149 Resp: 1177439

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.2	8.9	13.3

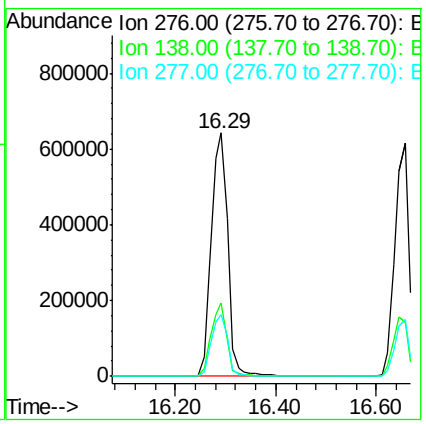




#85
Indeno(1,2,3-cd)pyrene
Concen: 108.09 ng
RT: 16.29 min Scan# 1269
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:276 Resp: 1461908

Ion	Ratio	Lower	Upper
276	100		
138	28.7	21.8	32.6
277	25.1	20.2	30.4

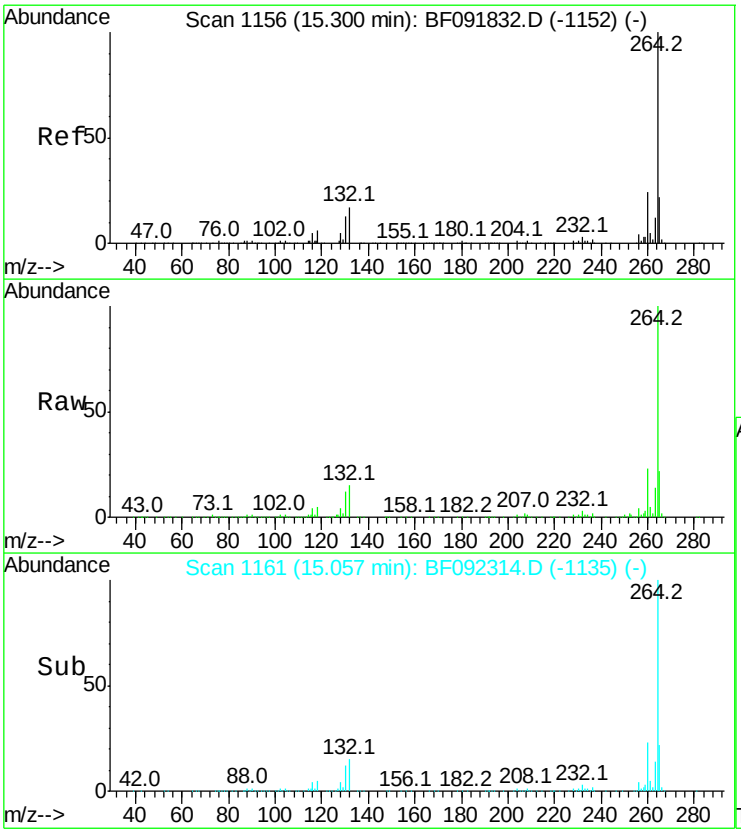


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

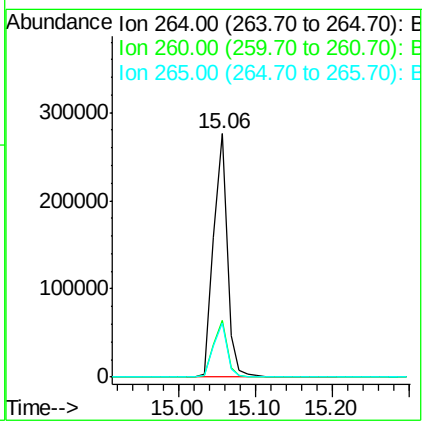
1/17/2017 4:58:27 PM

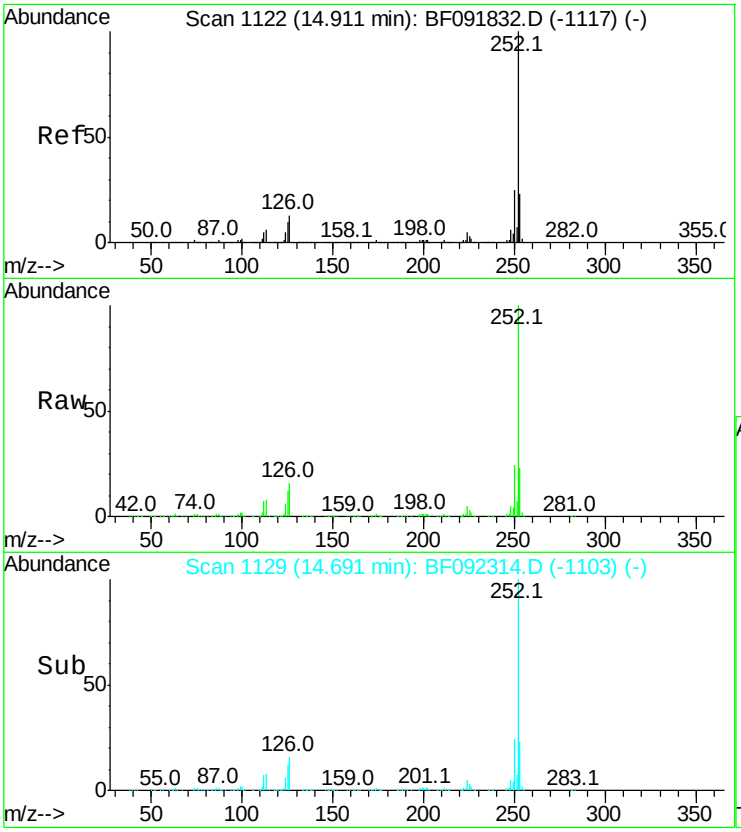


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:264 Resp: 345865

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.1	17.4	26.0

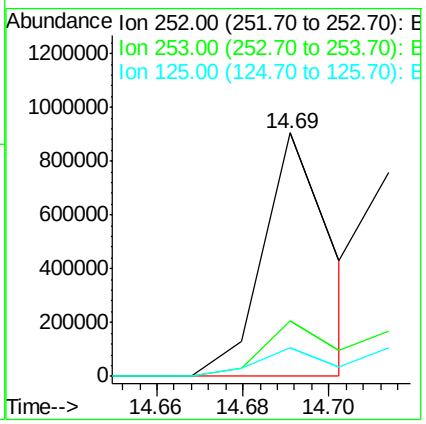




#87
Benzo(b)fluoranthene
Concen: 46.72 ng m
RT: 14.69 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:252 Resp: 1006005

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	11.9	9.8	14.6

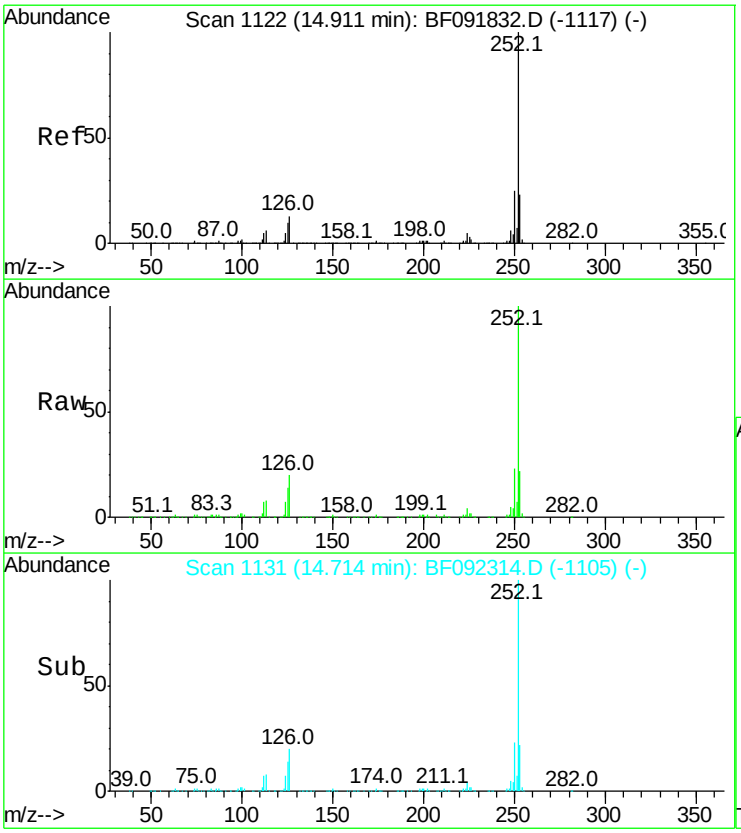


Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

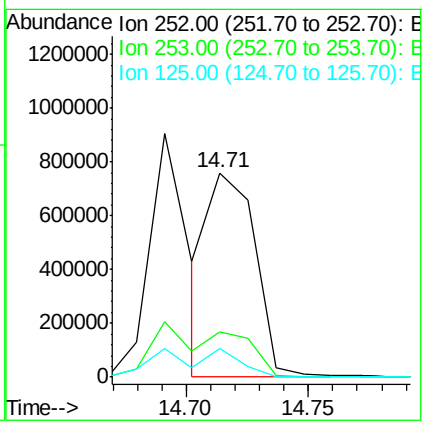
1/17/2017 4:58:27 PM

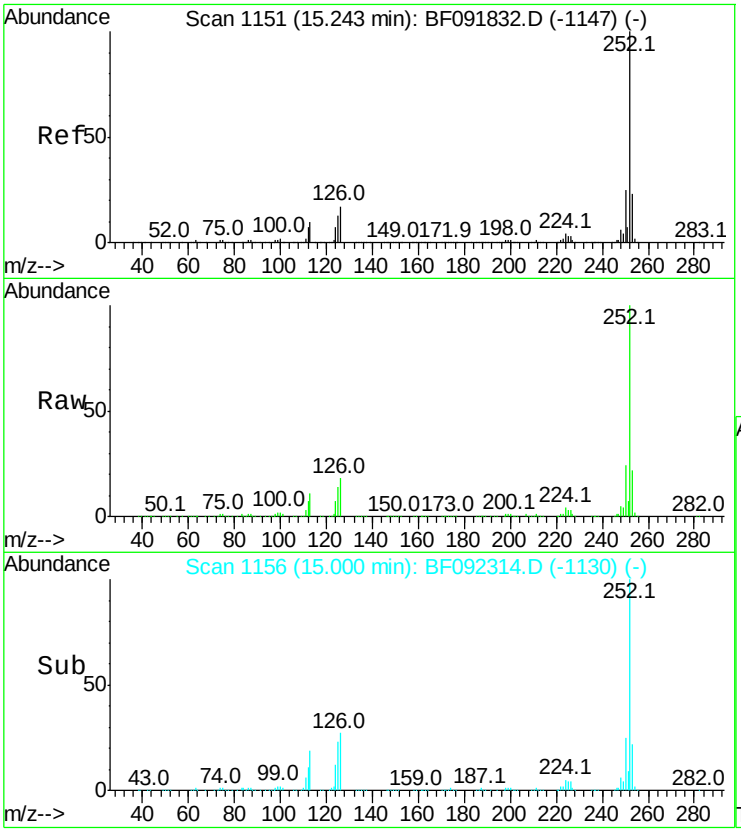


#88
Benzo(k)fluoranthene
Concen: 54.92 ng m
RT: 14.71 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:252 Resp: 1008426

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.5	27.7
125	14.1	8.9	13.3#

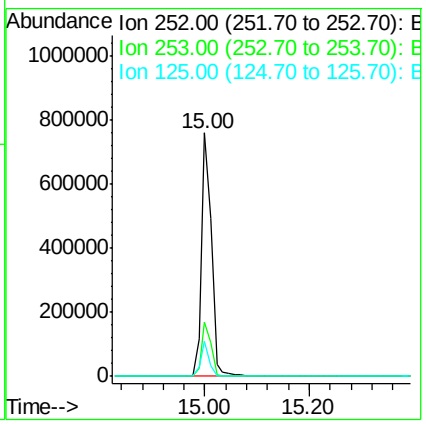




#89
Benzo(a)pyrene
Concen: 51.55 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

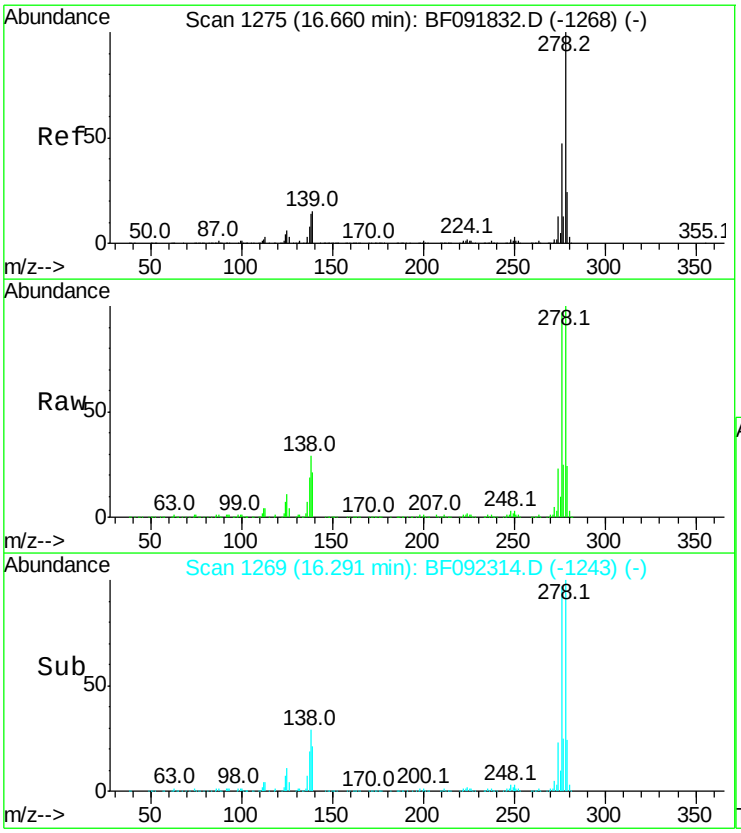
Tgt Ion:252 Resp: 985219

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.2	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

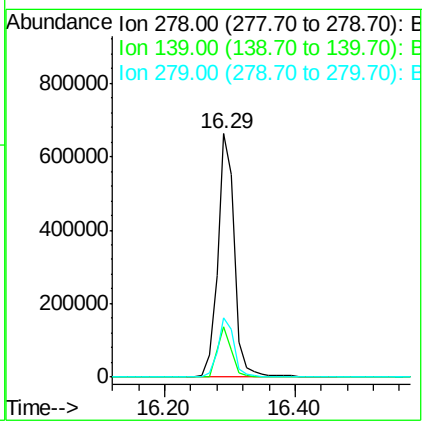
Manual Integrations APPROVED
mohammad
1/17/2017 4:58:27 PM

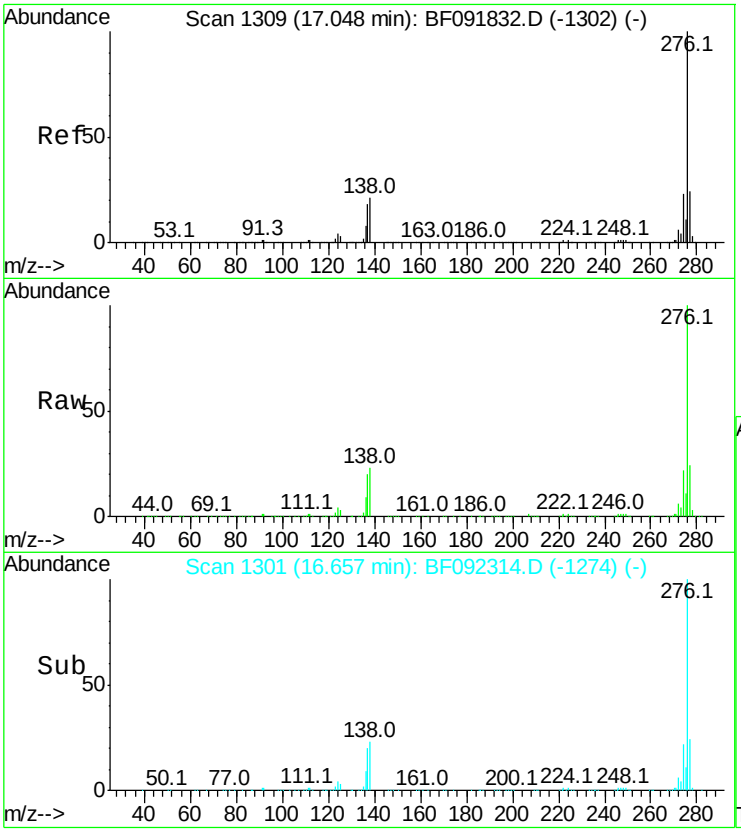


#90
Dibenzo(a,h)anthracene
Concen: 75.64 ng
RT: 16.29 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:278 Resp: 1188314

Ion	Ratio	Lower	Upper
278	100		
139	20.7	14.8	22.2
279	24.1	19.8	29.6

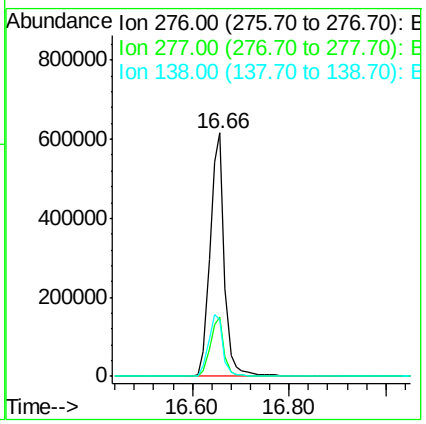




#91
Benzo(g,h,i)perylene
Concen: 78.42 ng
RT: 16.66 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF092314.D
Acq: 17 Jan 2017 7:01

Tgt Ion:276 Resp: 1280909

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	23.3	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MSD

Manual Integrations APPROVED

mohammad

1/17/2017 4:58:27 PM