Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082197.D
Acq On : 11 Oct 2015 1:42
Operator : UM/IZ
Sample : G3906-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

Quant Time: Oct 12 03:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	99608	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	395304	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	196946	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	371397	20.00	ng		0.00
75) Chrysene-d12	14.01	240	341310	20.00	ng		0.00
86) Perylene-d12	15.44	264	276311	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	429360	87.00	ng		0.01
7) Phenol-d6	6.47	99	357470	55.66	ng		-0.01
23) Nitrobenzene-d5	7.42	82	622207	105.70	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	273699	148.19	ng		0.01
44) 2-Fluorobiphenyl	9.21	172	1236776	104.14	ng		0.00
78) Terphenyl-d14	12.96	244	1284453	99.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	50057	20.19	ng		98
3) Pyridine	3.20	79	110240	19.11	ng		98
4) n-Nitrosodimethylamine	3.15	42	52123	21.31	ng		99
6) Aniline	6.50	93	235186	28.40	ng		97
8) 2-Chlorophenol	6.63	128	240437	39.91	ng		98
9) Benzaldehyde	6.39	77	188448	57.46	ng		97
10) Phenol	6.49	94	136422	18.42	ng		85
11) bis(2-Chloroethyl)ether	6.58	93	288310	46.04	ng		95
12) 1,3-Dichlorobenzene	6.78	146	305759	43.58	ng		99
13) 1,4-Dichlorobenzene	6.86	146	321262	43.84	ng		99
14) 1,2-Dichlorobenzene	7.01	146	287712	41.35	ng		98
15) Benzyl Alcohol	6.98	79	158391	35.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	388678	44.57	ng		98
17) 2-Methylphenol	7.10	107	170478	35.78	ng		98
18) Hexachloroethane	7.35	117	104290	41.58	ng		94
19) n-Nitroso-di-n-propylamine	7.26	70	196262	43.51	ng	#	88
20) 3+4-Methylphenols	7.26	107	186516	32.85	ng	#	88
22) Acetophenone	7.26	105	385496	49.30	ng		94
24) Nitrobenzene	7.43	77	273724	42.96	ng		97
25) Isophorone	7.67	82	555953	46.80	ng		99
26) 2-Nitrophenol	7.75	139	161280	50.69	ng		96
27) 2,4-Dimethylphenol	7.78	122	218385	42.61	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	350820	50.75	ng		100
29) 2,4-Dichlorophenol	7.99	162	260181	50.78	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	269126	45.57	ng		97
31) Naphthalene	8.15	128	842607	49.17	ng		100
32) Benzoic acid	7.89	122	53776	15.63	ng		95
33) 4-Chloroaniline	8.21	127	199444	28.03	ng		96
34) Hexachlorobutadiene	8.26	225	162782	44.23	ng		99
35) Caprolactam	8.59	113	15065m	10.13	ng		
36) 4-Chloro-3-methylphenol	8.69	107	238070	47.51	ng		90
37) 2-Methylnaphthalene	8.85	142	599285	50.45	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	266496	45.49	ng		99
40) Hexachlorocyclopentadiene	8.99	237	259230	86.68	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082197.D
Acq On : 11 Oct 2015 1:42
Operator : UM/IZ
Sample : G3906-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

Quant Time: Oct 12 03:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	181089	46.54	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	201497	47.81	ng		97
45) 1,1'-Biphenyl	9.30	154	678001	45.15	ng		99
46) 2-Chloronaphthalene	9.34	162	570956	48.29	ng		99
47) 2-Nitroaniline	9.44	65	164438	50.66	ng	#	59
48) Acenaphthylene	9.75	152	859362	46.66	ng		99
49) Dimethylphthalate	9.61	163	657937	47.44	ng		100
50) 2,6-Dinitrotoluene	9.68	165	151328	51.71	ng		93
51) Acenaphthene	9.92	154	519808	47.01	ng		99
52) 3-Nitroaniline	9.85	138	89100	26.96	ng		97
53) 2,4-Dinitrophenol	9.95	184	133346	81.42	ng	#	78
54) Dibenzofuran	10.09	168	738730	48.67	ng		98
55) 4-Nitrophenol	10.01	139	81540	43.54	ng		85
56) 2,4-Dinitrotoluene	10.08	165	177828	48.62	ng		91
57) Fluorene	10.43	166	601133	48.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	159737	46.39	ng		100
59) Diethylphthalate	10.31	149	617783	47.79	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	268705	47.05	ng		99
61) 4-Nitroaniline	10.47	138	143962	44.90	ng		98
62) Azobenzene	10.58	77	602127	47.59	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	100129	48.04	ng		83
65) n-Nitrosodiphenylamine	10.55	169	513307	46.16	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	179293	48.24	ng		98
67) Hexachlorobenzene	10.98	284	204707	50.92	ng		98
68) Atrazine	11.07	200	167662	47.59	ng		99
69) Pentachlorophenol	11.18	266	211378	102.19	ng		98
70) Phenanthrene	11.39	178	860962	47.29	ng		99
71) Anthracene	11.45	178	1000972	53.36	ng		100
72) Carbazole	11.60	167	817545	47.77	ng		99
73) Di-n-butylphthalate	11.93	149	1017726	48.21	ng		100
74) Fluoranthene	12.58	202	980214	50.13	ng		99
76) Benzidine	12.71	184	337247	34.10	ng		98
77) Pyrene	12.81	202	939582	46.39	ng		99
79) Butylbenzylphthalate	13.43	149	439010	47.49	ng		99
80) Benzo(a)anthracene	14.00	228	843608	47.50	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	198675	29.47	ng		99
82) Chrysene	14.04	228	756077	40.41	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	642848	48.75	ng		100
84) Di-n-octyl phthalate	14.60	149	1033648	45.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.86	276	694160	46.67	ng		100
87) Benzo(b)fluoranthene	15.03	252	925465m	55.05	ng		
88) Benzo(k)fluoranthene	15.06	252	598661m	42.37	ng		
89) Benzo(a)pyrene	15.38	252	702824	48.65	ng		99
90) Dibenzo(a,h)anthracene	16.87	278	584455	49.37	ng		99
91) Benzo(g,h,i)perylene	17.28	276	563382	48.98	ng		99

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

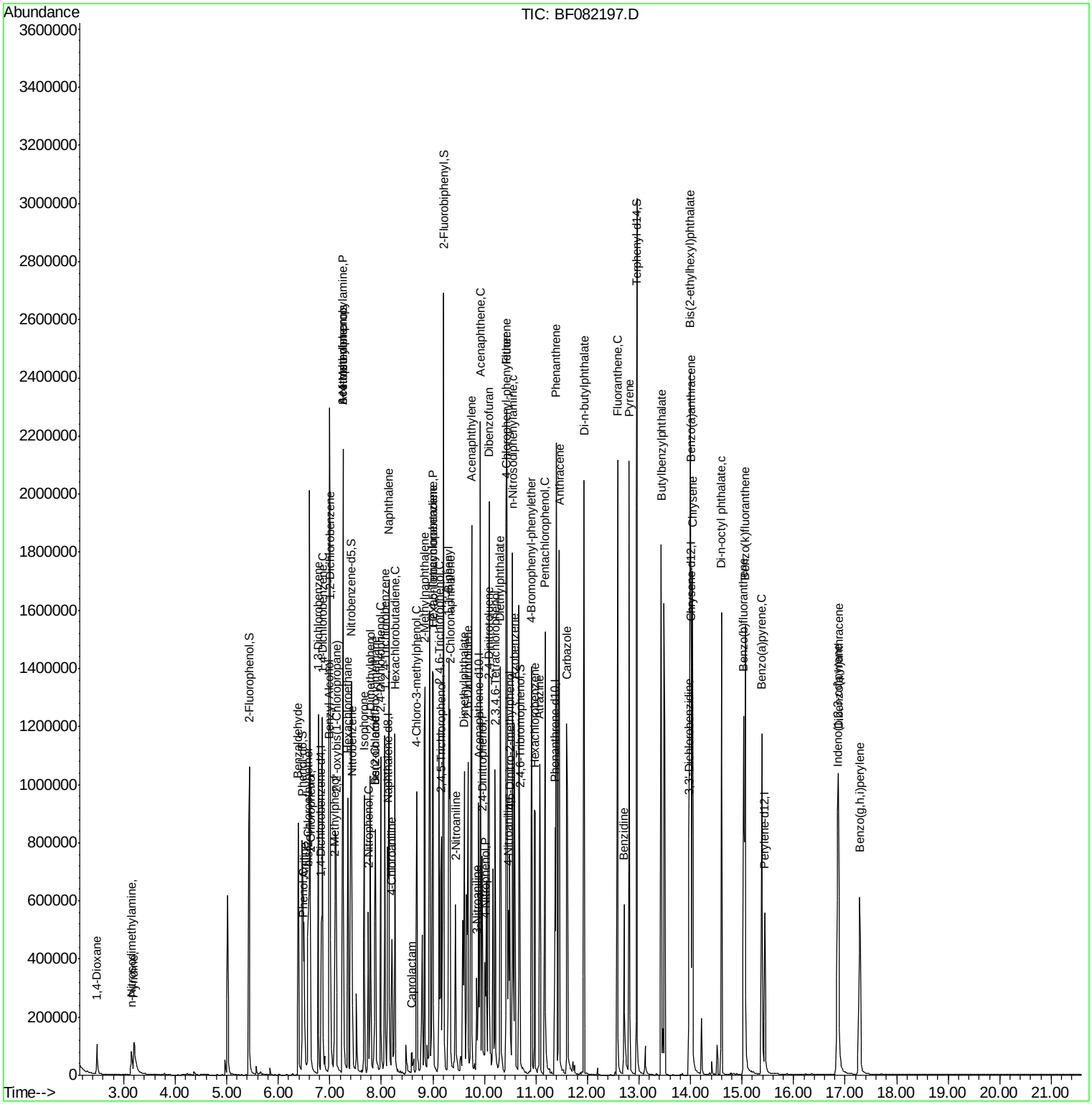
Quantitation Report (QT Reviewed)

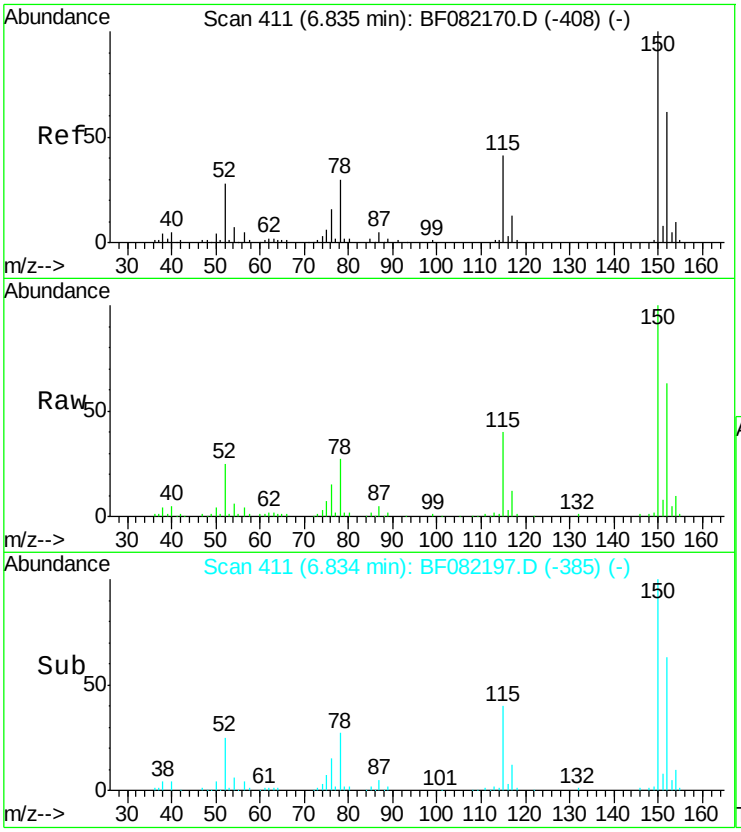
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101015\
Data File : BF082197.D
Acq On : 11 Oct 2015 1:42
Operator : UM/IZ
Sample : G3906-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 12 03:45:26 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 12 02:59:50 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

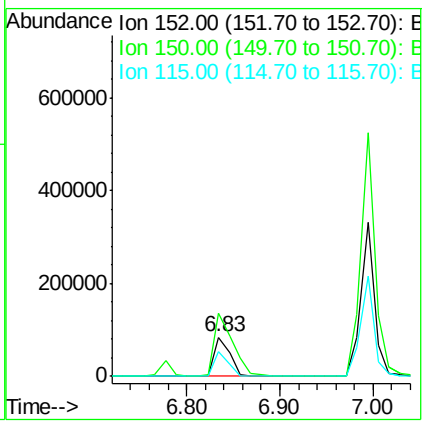




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

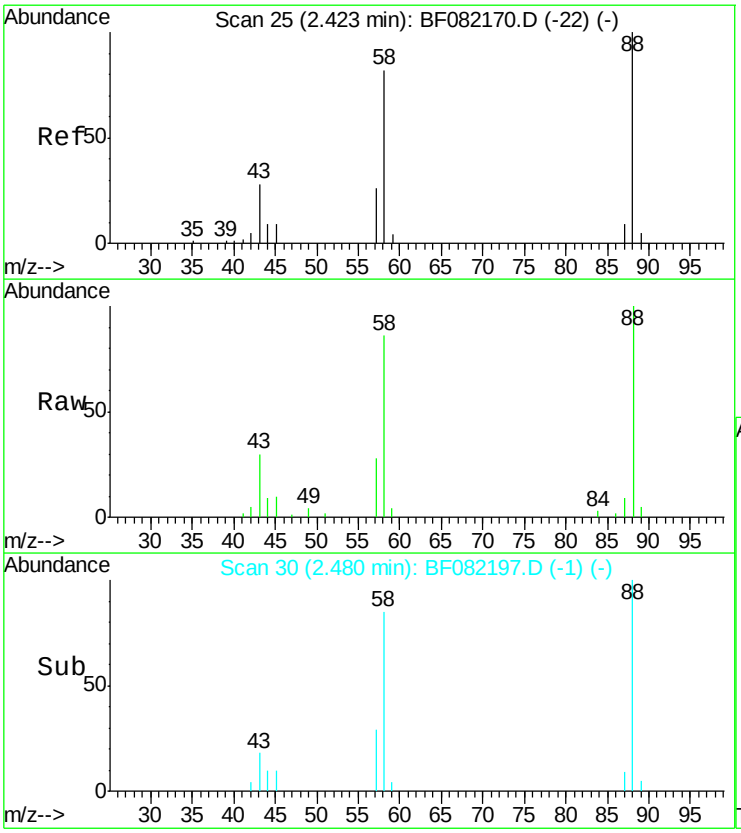
Tgt Ion:152 Resp: 99608

Ion	Ratio	Lower	Upper
152	100		
150	159.6	129.0	193.4
115	63.1	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

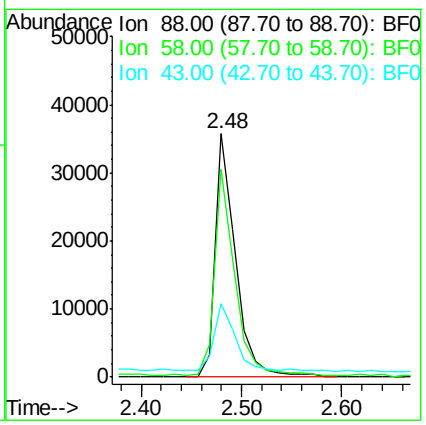
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

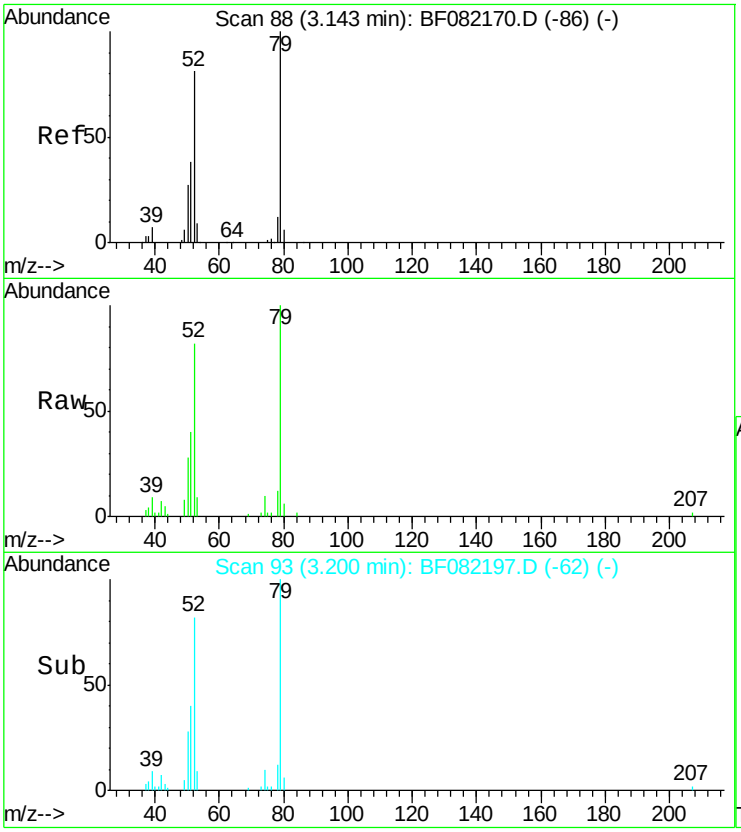


#2
1,4-Dioxane
Concen: 20.19 ng
RT: 2.48 min Scan# 30
Delta R.T. 0.06 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 88 Resp: 50057

Ion	Ratio	Lower	Upper
88	100		
58	82.8	66.2	99.4
43	31.8	23.0	34.4

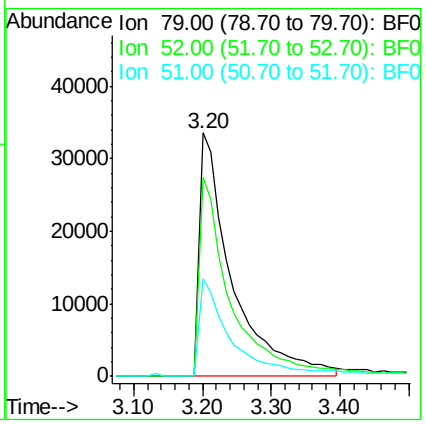




#3
Pyridine
Concen: 19.11 ng
RT: 3.20 min Scan# 93
Delta R.T. 0.06 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

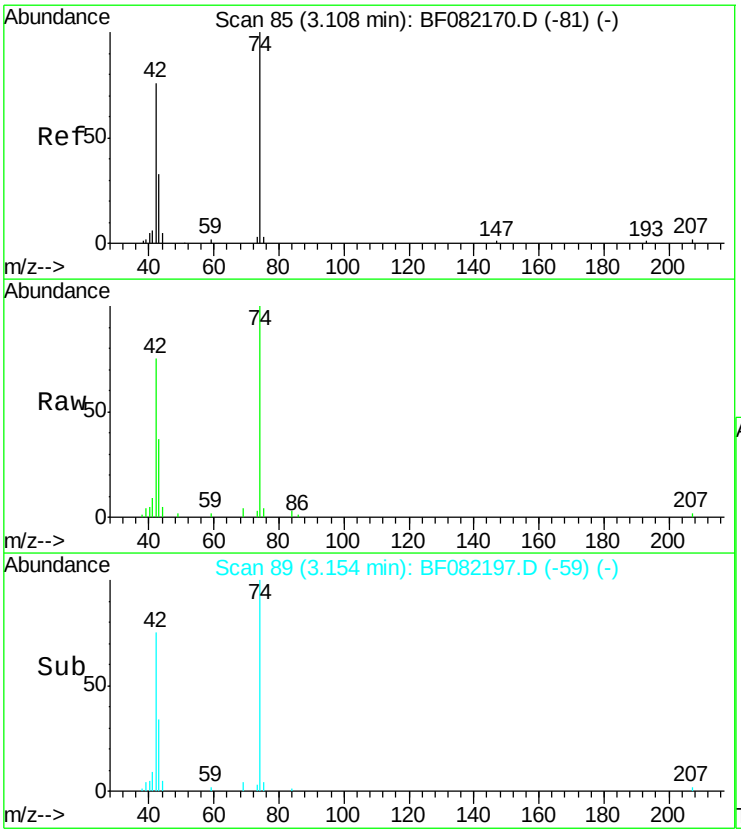
Tgt Ion: 79 Resp: 110240

Ion	Ratio	Lower	Upper
79	100		
52	81.7	64.4	96.6
51	40.0	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

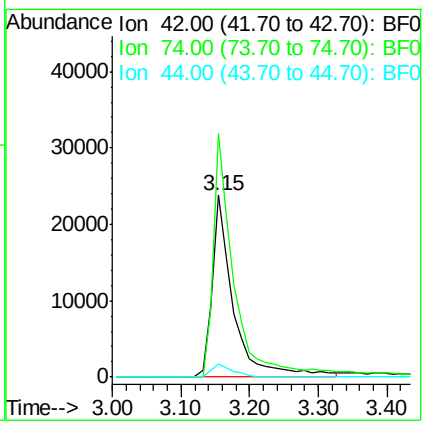
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

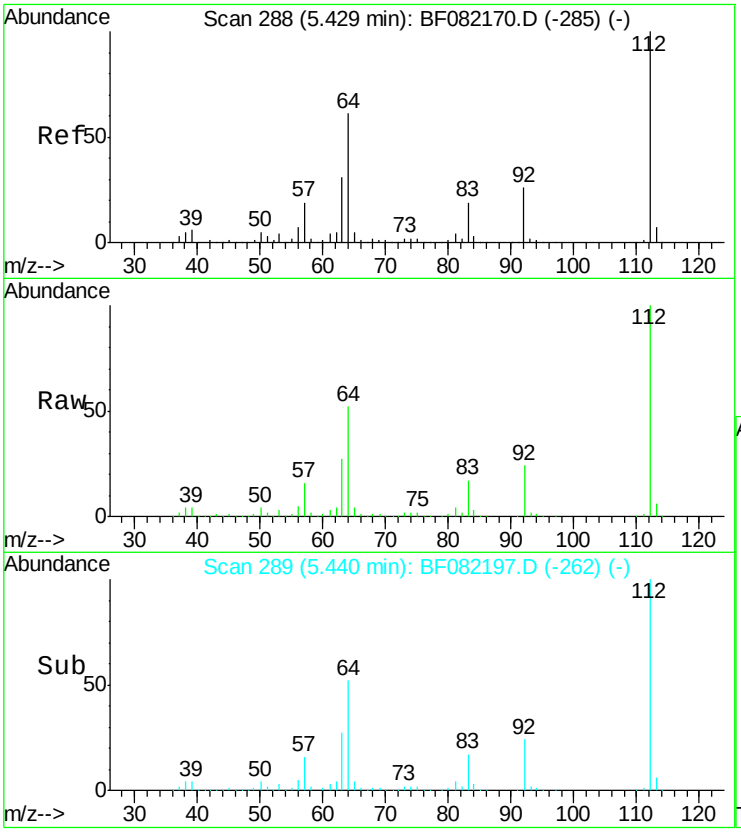


#4
n-Nitrosodimethylamine
Concen: 21.31 ng
RT: 3.15 min Scan# 89
Delta R.T. 0.05 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 42 Resp: 52123

Ion	Ratio	Lower	Upper
42	100		
74	133.8	105.7	158.5
44	7.3	5.4	8.2

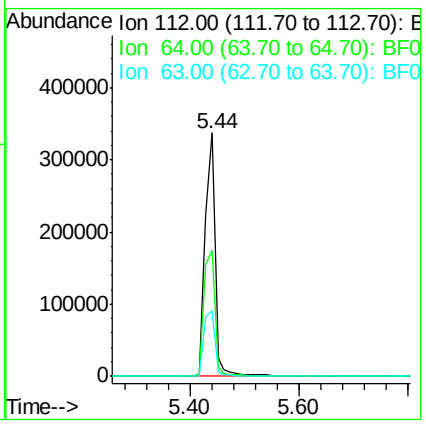




#5
2-Fluorophenol
Concen: 87.00 ng
RT: 5.44 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

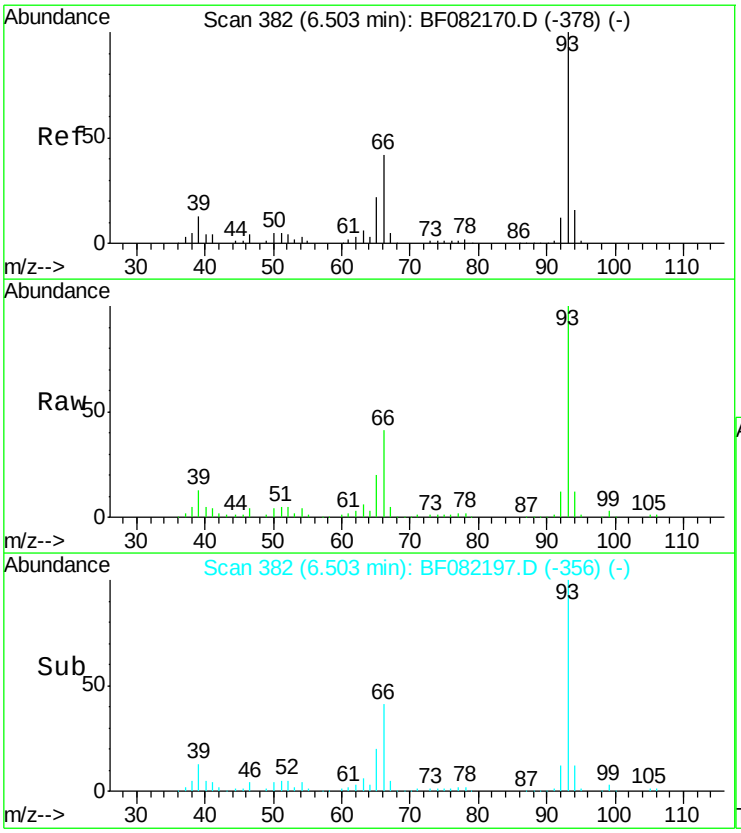
Tgt Ion:112 Resp: 429360

Ion	Ratio	Lower	Upper
112	100		
64	51.8	48.6	73.0
63	27.2	25.1	37.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

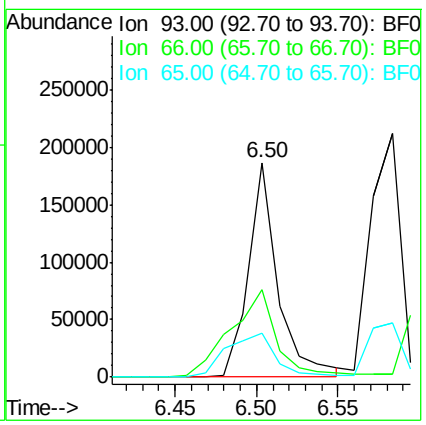
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

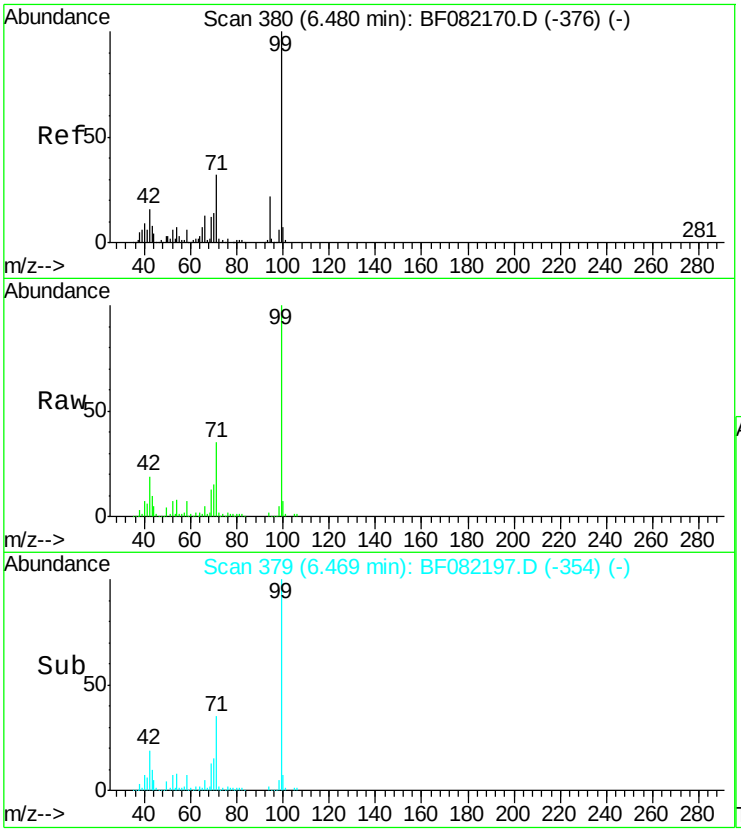


#6
Aniline
Concen: 28.40 ng
RT: 6.50 min Scan# 382
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 93 Resp: 235186

Ion	Ratio	Lower	Upper
93	100		
66	41.0	34.2	51.2
65	20.4	17.9	26.9

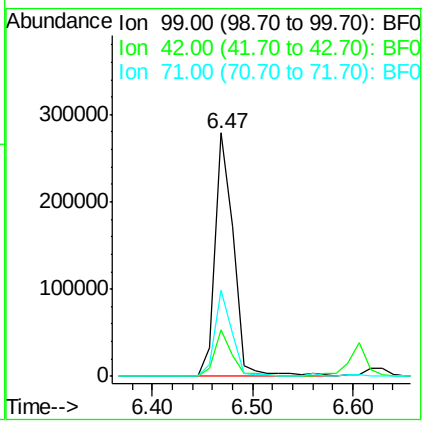




#7
Phenol-d6
Concen: 55.66 ng
RT: 6.47 min Scan# 379
Delta R.T. -0.01 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

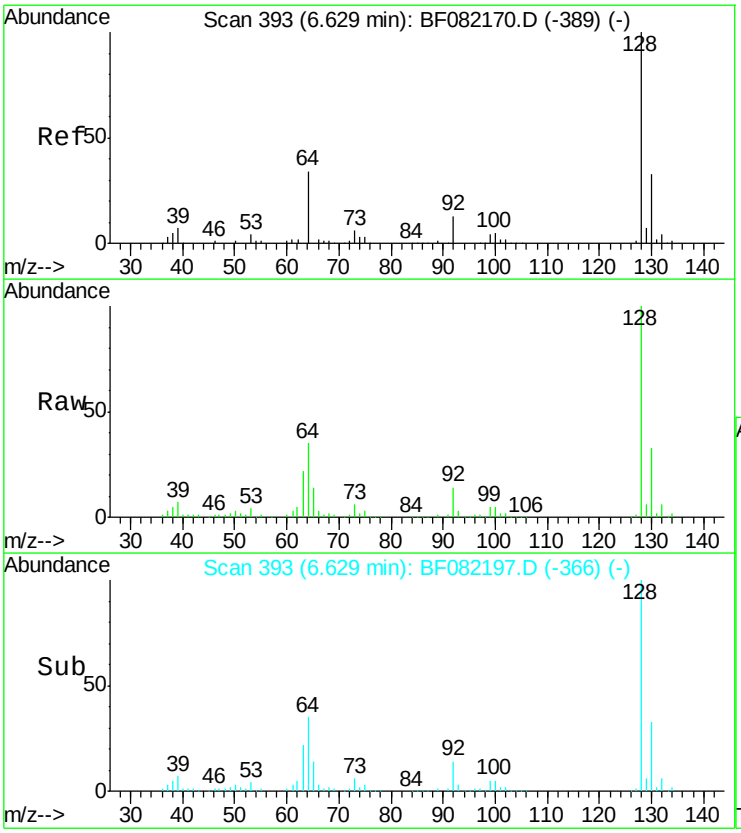
Tgt Ion: 99 Resp: 357470

Ion	Ratio	Lower	Upper
99	100		
42	19.1	13.2	19.8
71	35.2	25.6	38.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

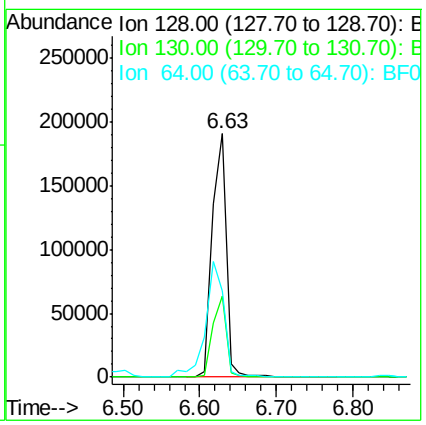
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

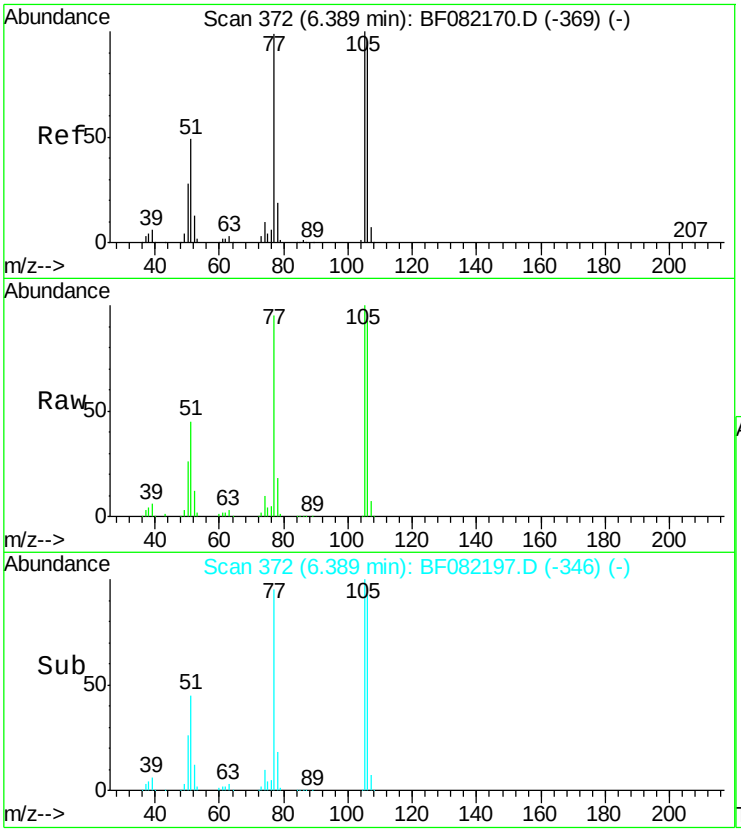


#8
2-Chlorophenol
Concen: 39.91 ng
RT: 6.63 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:128 Resp: 240437

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.6	52.6
64	35.4	16.7	56.7

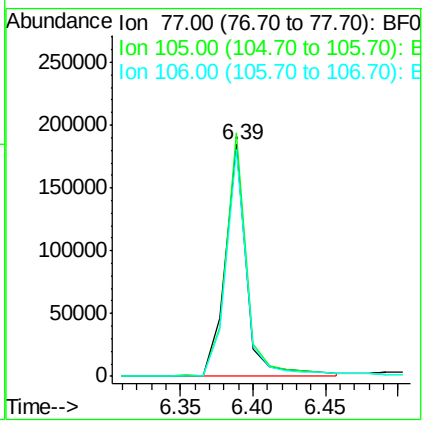




#9
Benzaldehyde
Concen: 57.46 ng
RT: 6.39 min Scan# 372
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

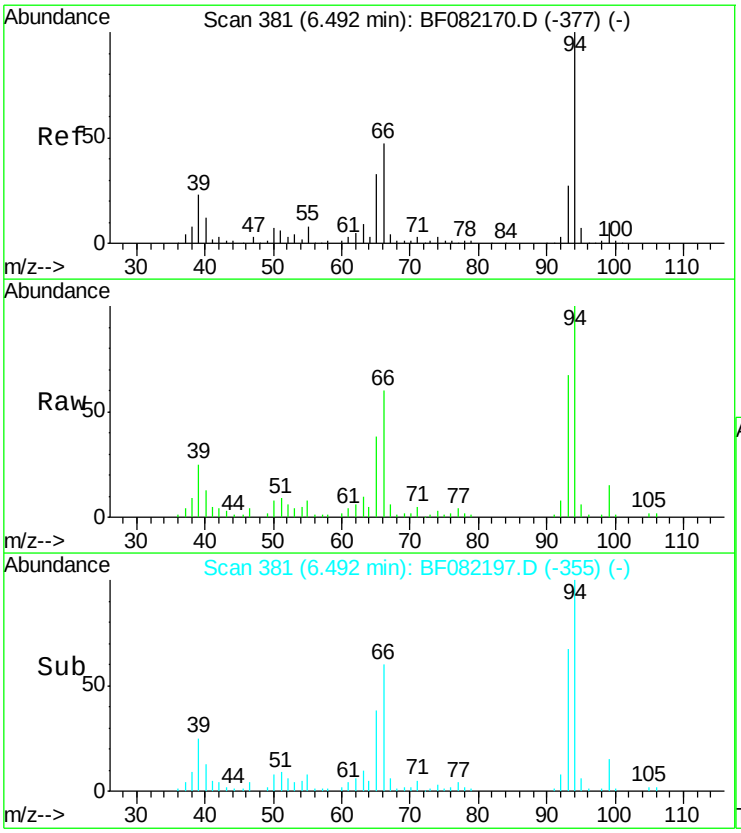
Tgt Ion: 77 Resp: 188448

Ion	Ratio	Lower	Upper
77	100		
105	105.1	80.6	120.6
106	97.8	75.5	115.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

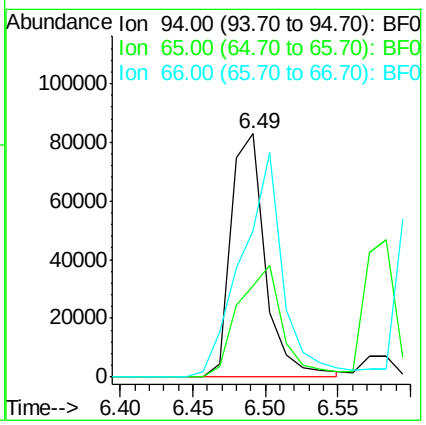
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

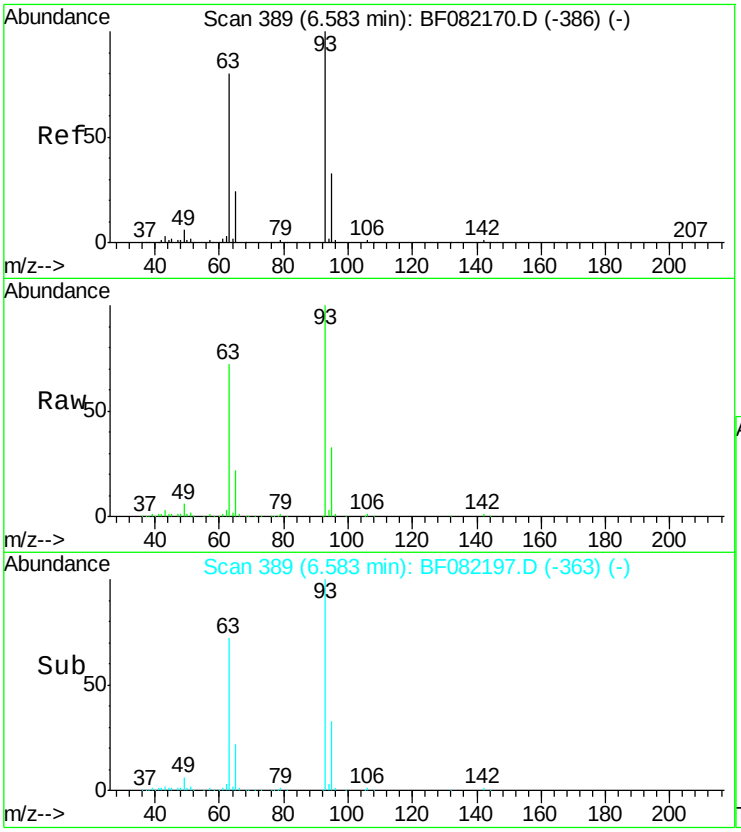


#10
Phenol
Concen: 18.42 ng
RT: 6.49 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 94 Resp: 136422

Ion	Ratio	Lower	Upper
94	100		
65	37.7	12.6	52.6
66	60.1	27.3	67.3

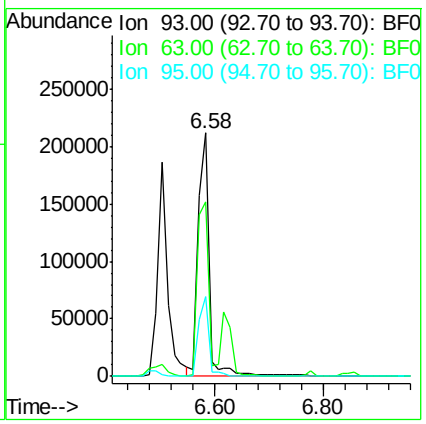




#11
bis(2-Chloroethyl)ether
Concen: 46.04 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

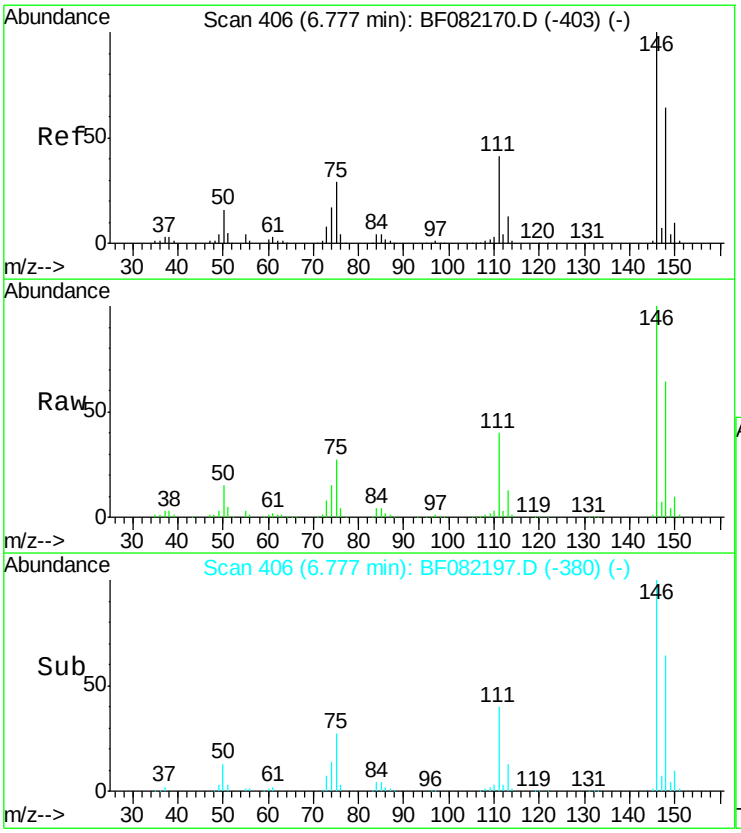
Tgt Ion: 93 Resp: 288310

Ion	Ratio	Lower	Upper
93	100		
63	71.6	57.1	97.1
95	32.6	11.9	51.9



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

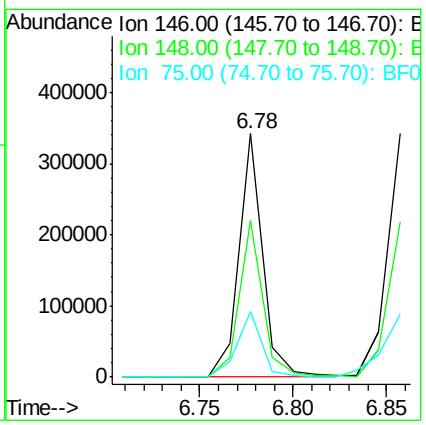
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

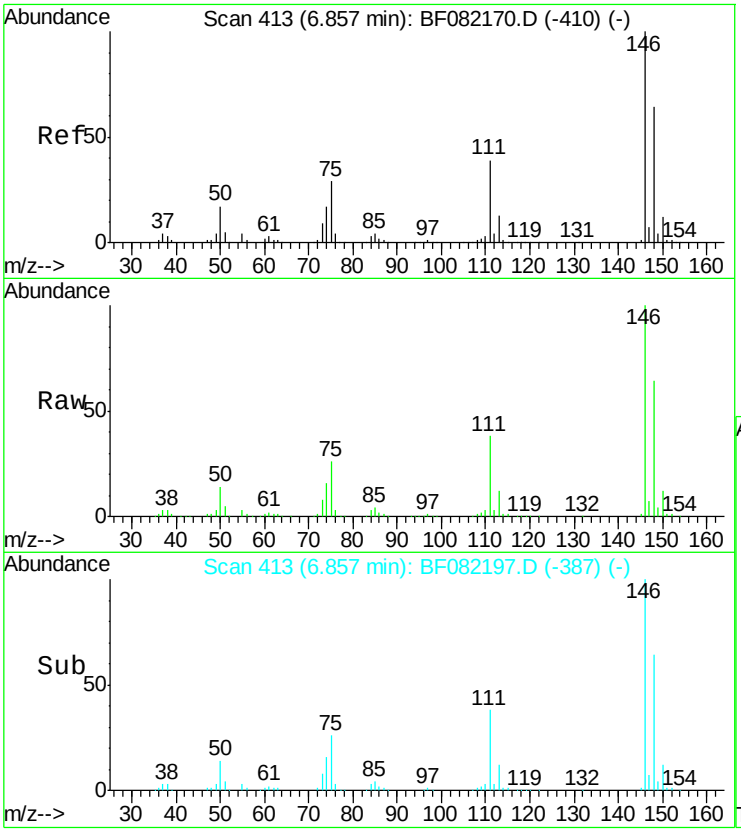


#12
1,3-Dichlorobenzene
Concen: 43.58 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:146 Resp: 305759

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	26.8	23.0	34.6

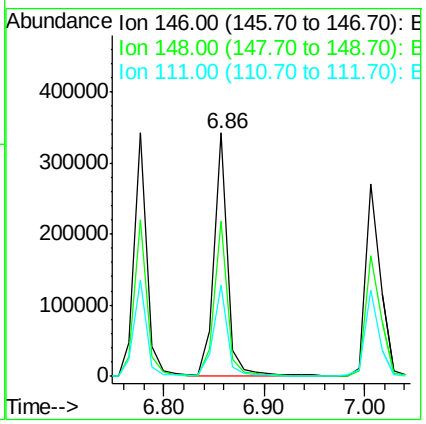




#13
1,4-Dichlorobenzene
Concen: 43.84 ng
RT: 6.86 min Scan# 413
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

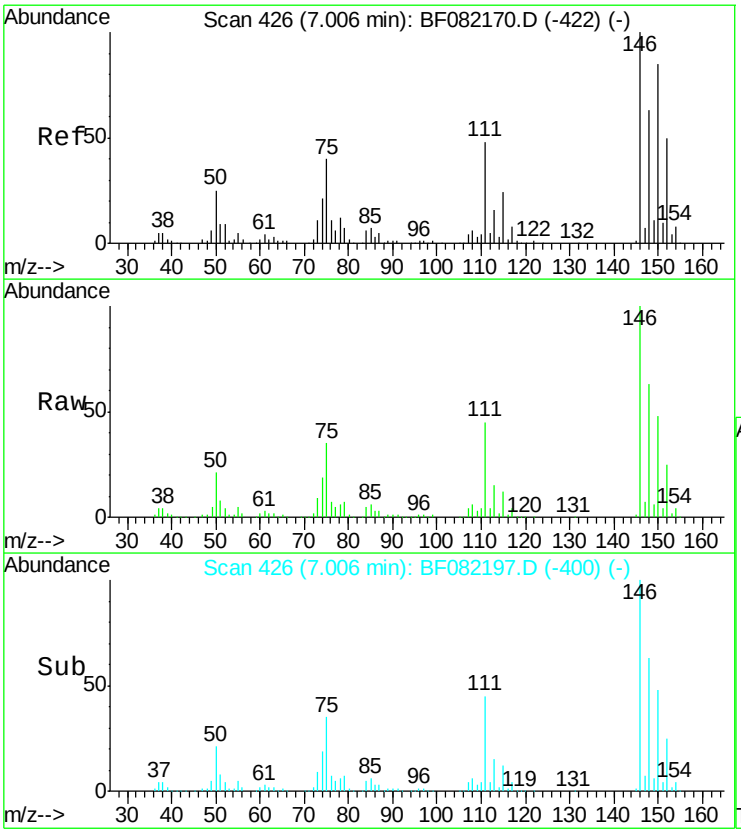
Tgt Ion:146 Resp: 321262

Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.0	76.4
111	37.5	31.1	46.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

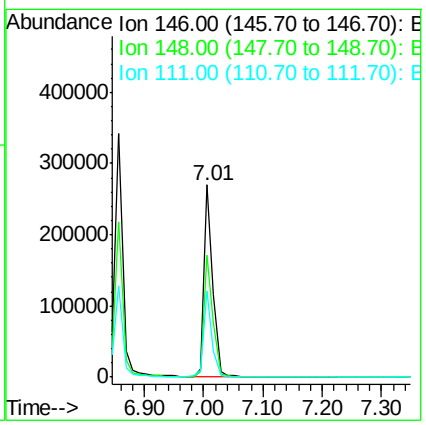
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

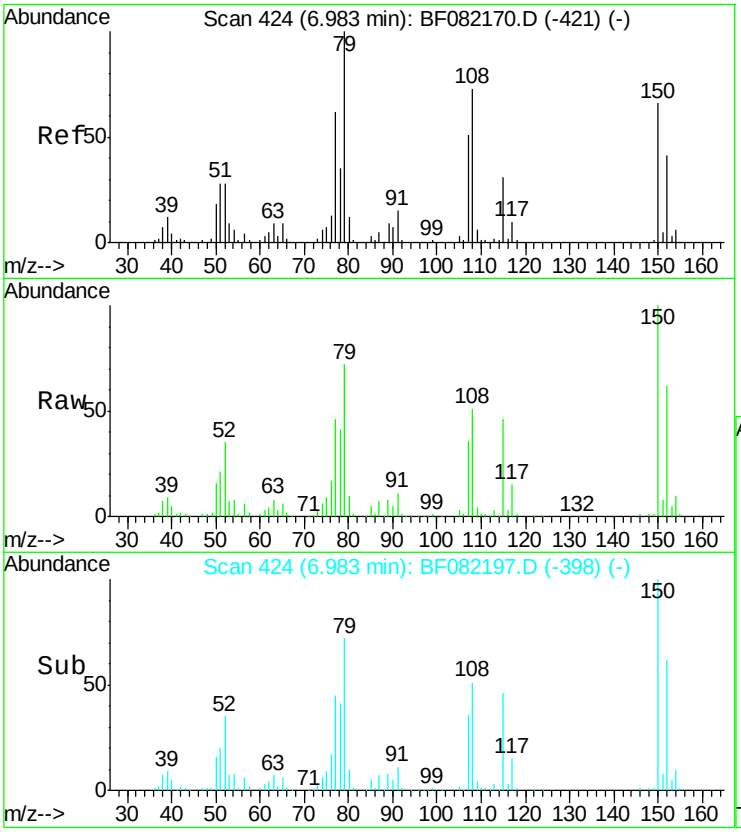


#14
1,2-Dichlorobenzene
Concen: 41.35 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:146 Resp: 287712

Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.5	75.7
111	45.1	38.5	57.7

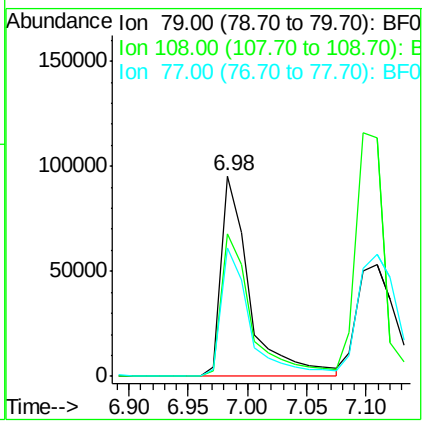




#15
Benzyl Alcohol
Concen: 35.72 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

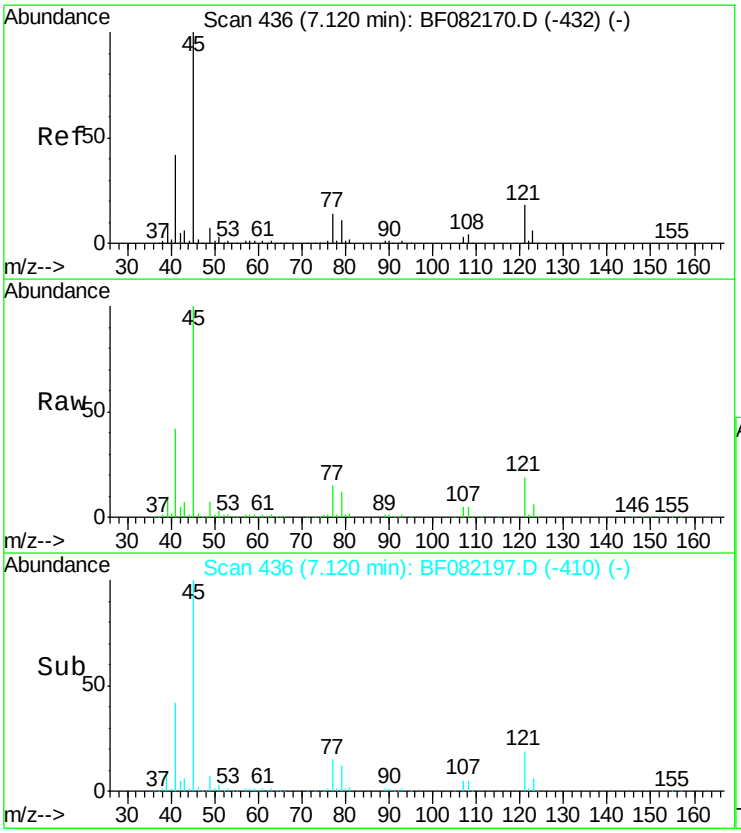
Tgt Ion: 79 Resp: 158391

Ion	Ratio	Lower	Upper
79	100		
108	70.9	58.4	87.6
77	63.9	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

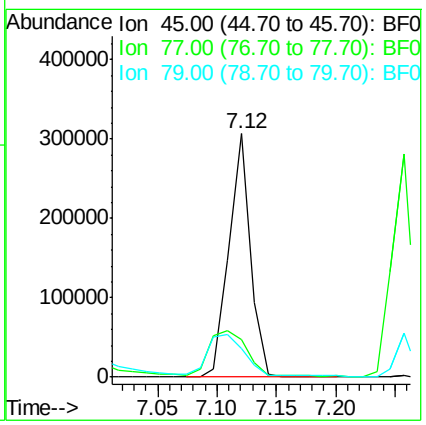
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

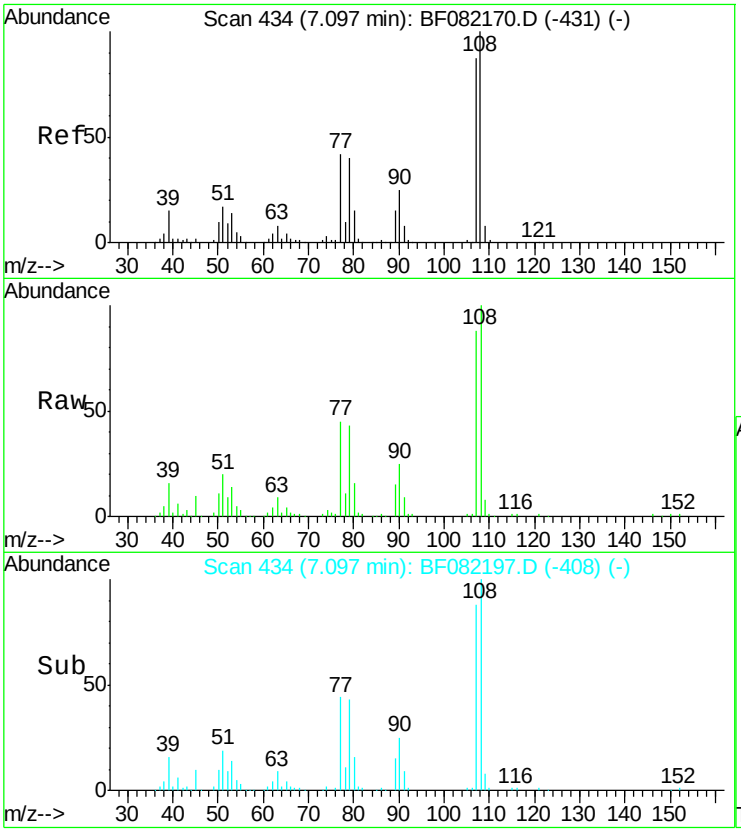


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.57 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 45 Resp: 388678

Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.5
79	11.9	0.0	31.6

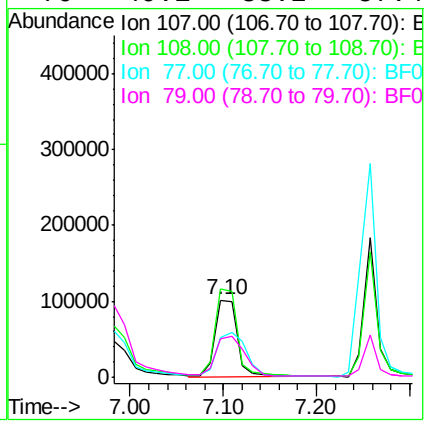




#17
2-Methylphenol
Concen: 35.78 ng
RT: 7.10 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

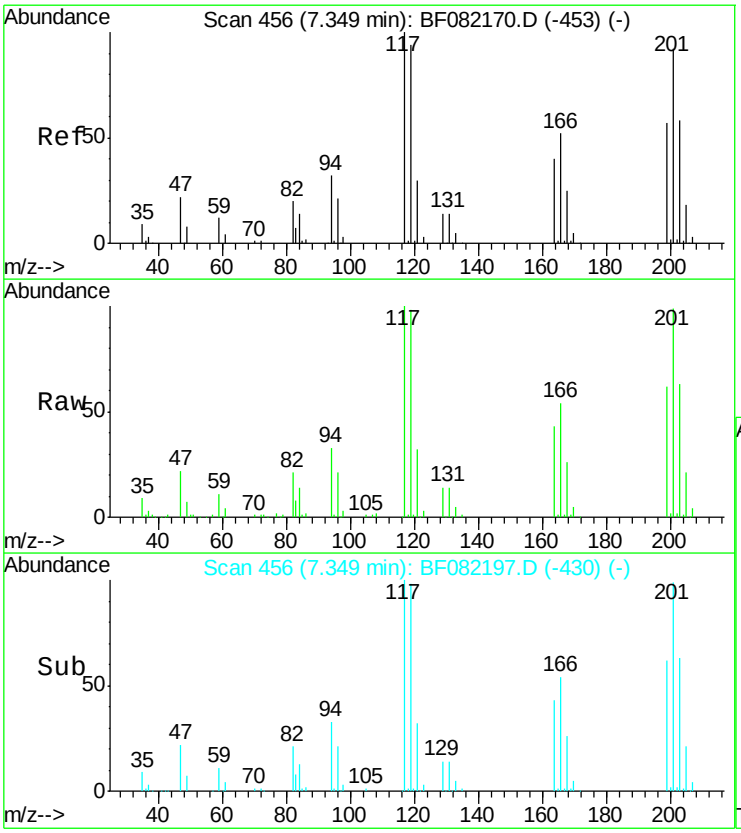
Tgt Ion:107 Resp: 170478

Ion	Ratio	Lower	Upper
107	100		
108	113.8	92.2	138.2
77	50.7	39.6	59.4
79	49.1	38.2	57.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

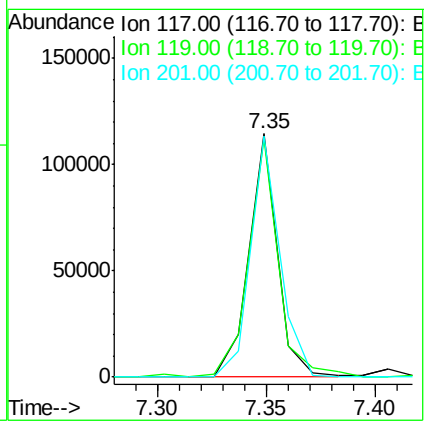
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

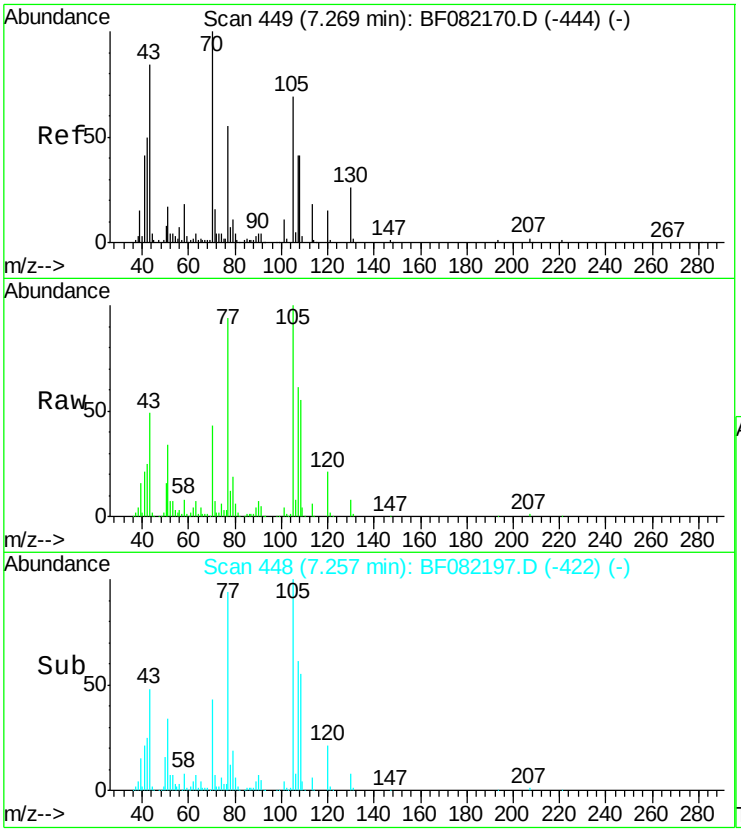


#18
Hexachloroethane
Concen: 41.58 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:117 Resp: 104290

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.4	113.2
201	98.8	73.4	110.0

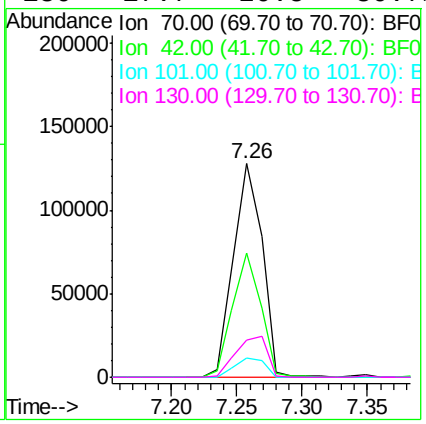




#19
n-Nitroso-di-n-propylamine
Concen: 43.51 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

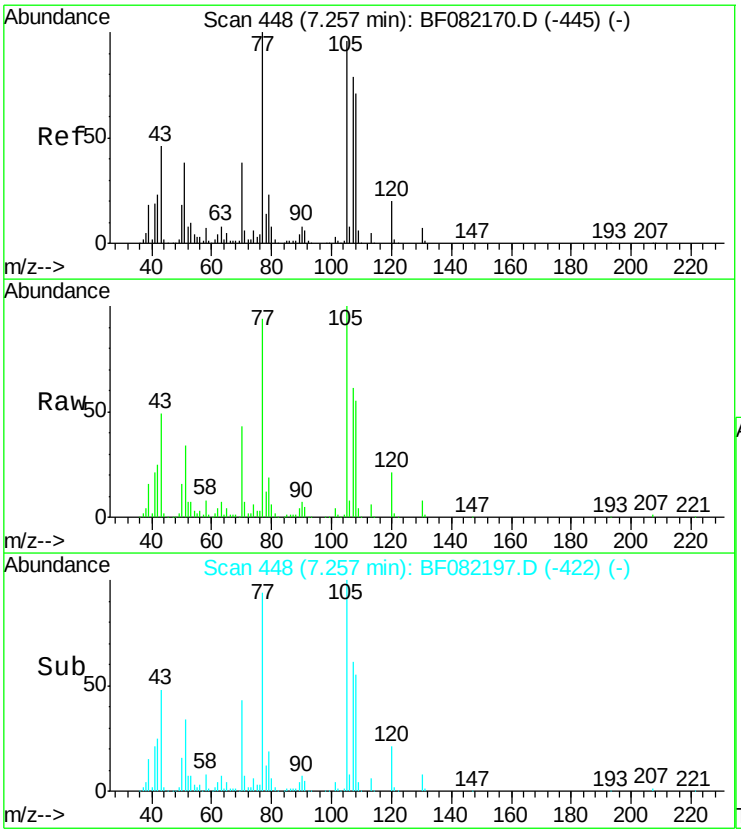
Tgt Ion: 70 Resp: 196262

Ion	Ratio	Lower	Upper
70	100		
42	58.3	39.8	59.8
101	9.2	8.6	13.0
130	17.7	20.5	30.7#



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

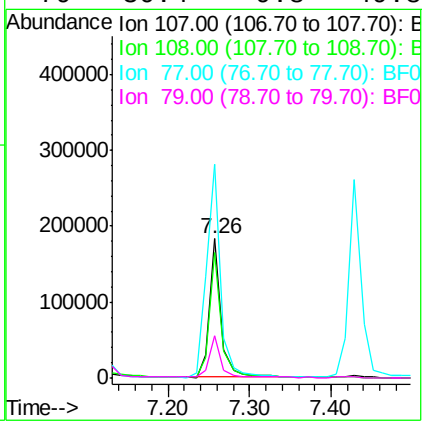
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

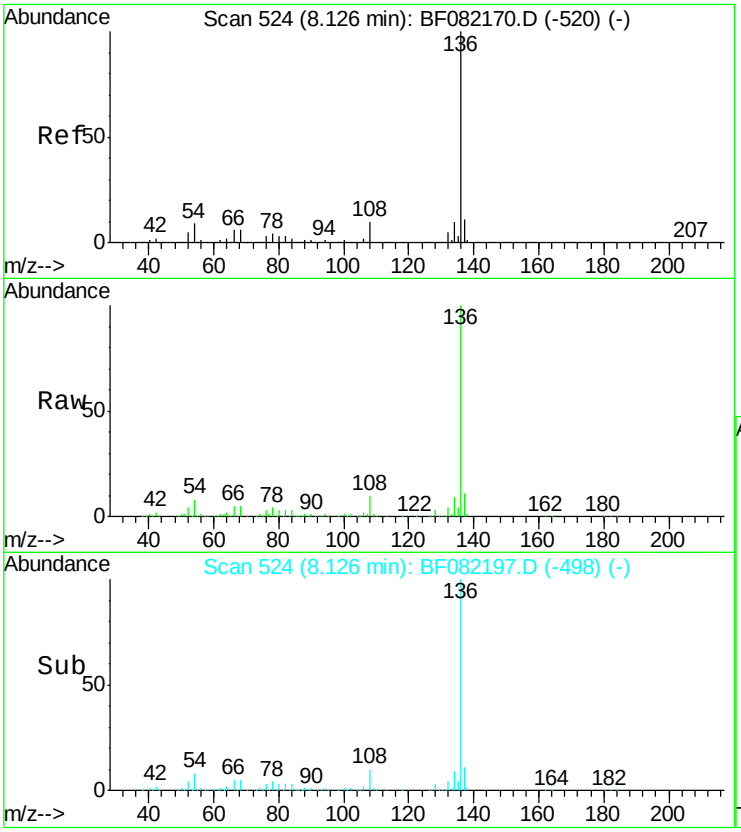


#20
3+4-Methylphenols
Concen: 32.85 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:107 Resp: 186516

Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.9	109.9
77	153.5	106.0	146.0#
79	30.4	9.8	49.8

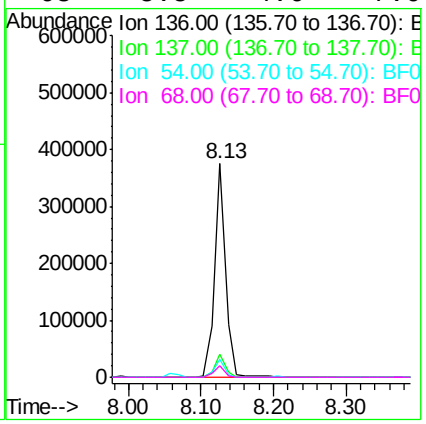




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

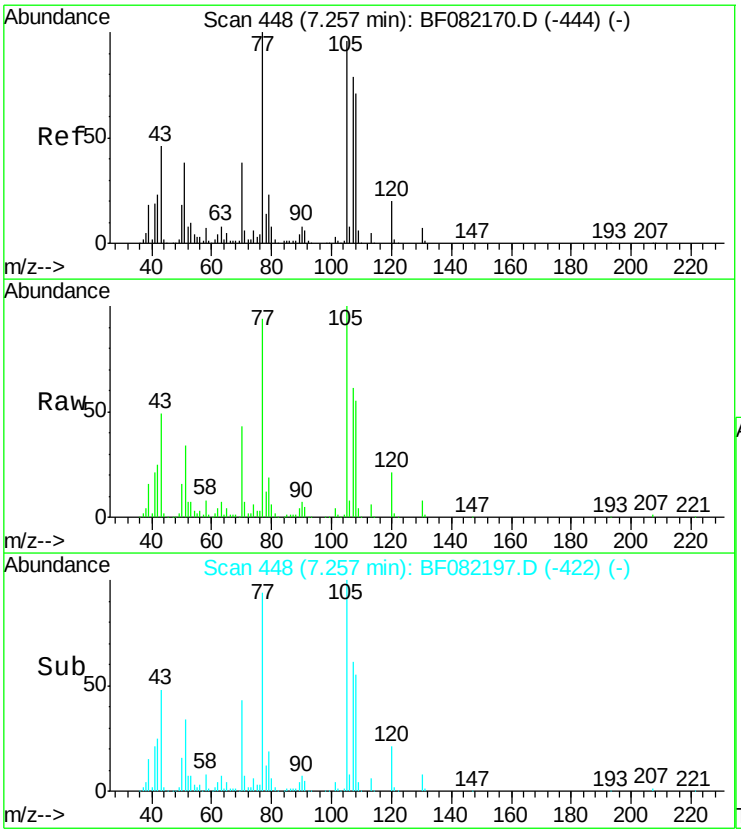
Tgt Ion:136 Resp: 395304

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.4	7.5	11.3
68	5.5	4.6	7.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

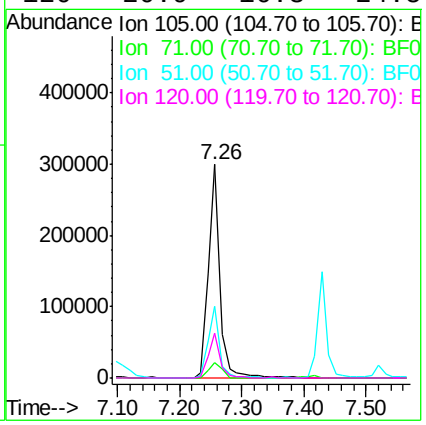
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

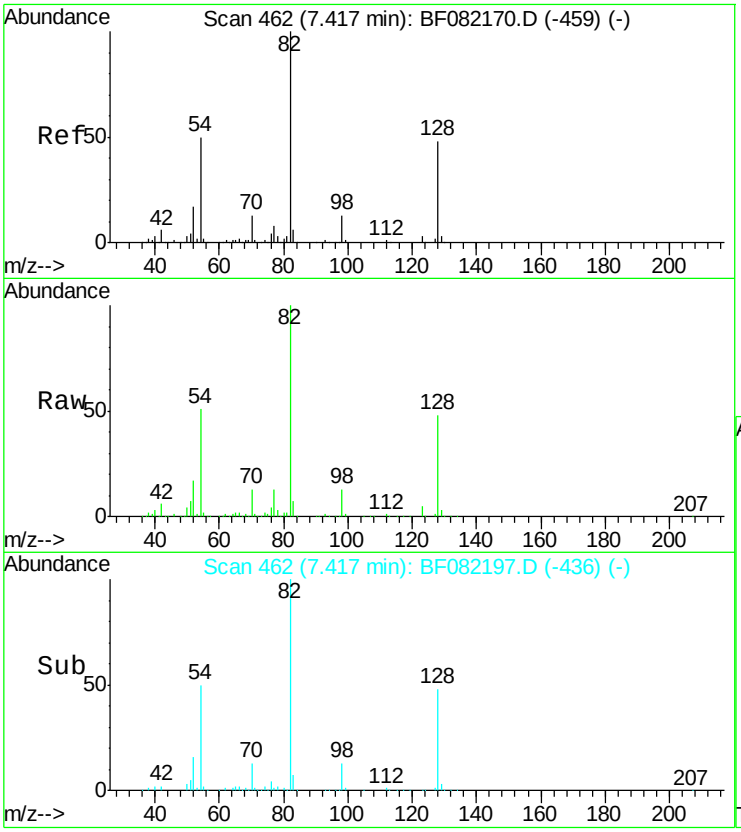


#22
Acetophenone
Concen: 49.30 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:105 Resp: 385496

Ion	Ratio	Lower	Upper
105	100		
71	7.0	5.4	8.0
51	33.8	31.8	47.6
120	20.9	16.3	24.5

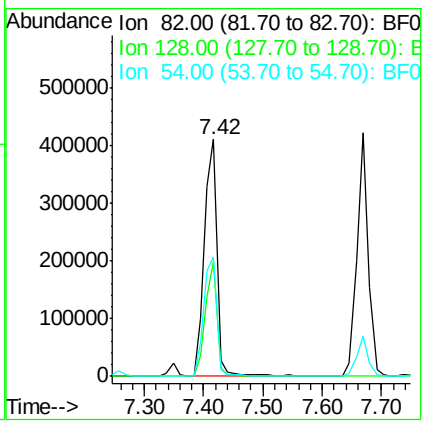




#23
Nitrobenzene-d5
Concen: 105.70 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

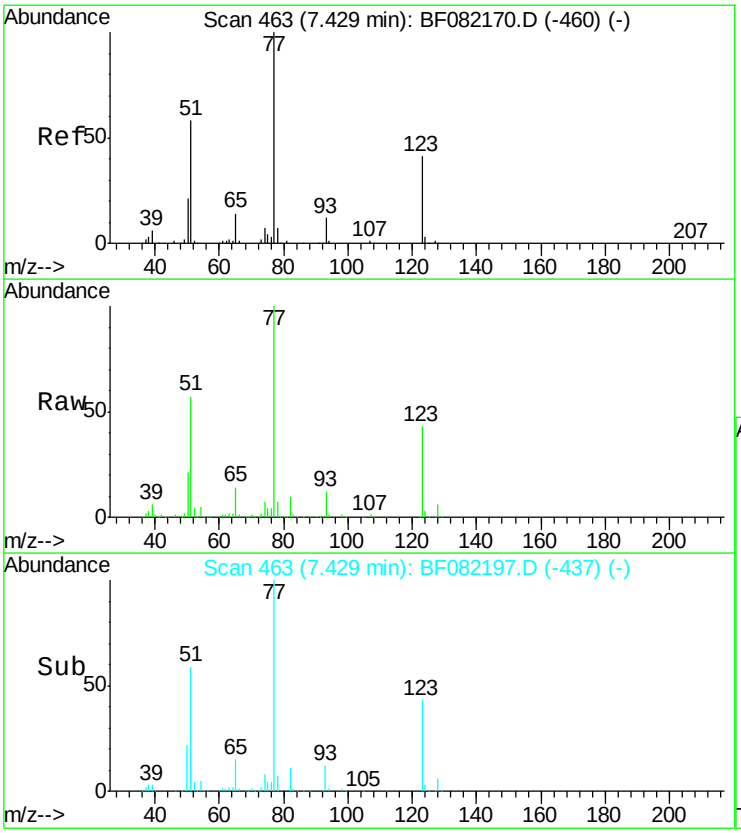
Tgt Ion: 82 Resp: 622207

Ion	Ratio	Lower	Upper
82	100		
128	48.5	38.7	58.1
54	50.5	40.1	60.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

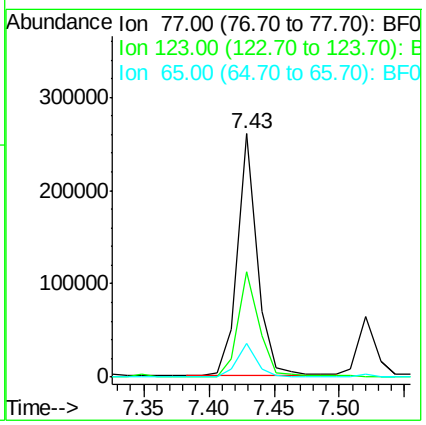
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

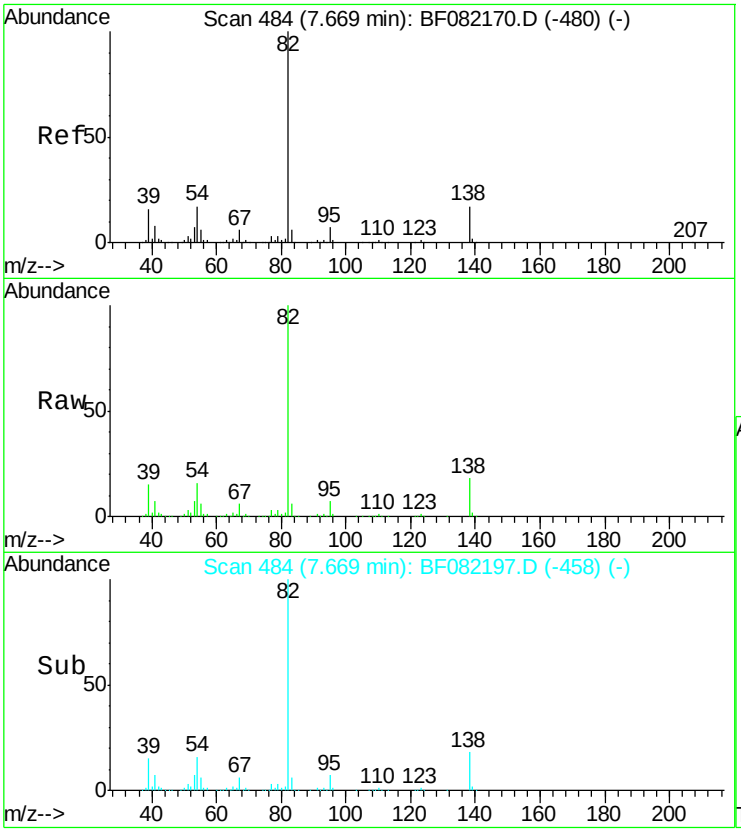


#24
Nitrobenzene
Concen: 42.96 ng
RT: 7.43 min Scan# 463
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 77 Resp: 273724

Ion	Ratio	Lower	Upper
77	100		
123	43.3	33.0	49.4
65	14.1	11.2	16.8

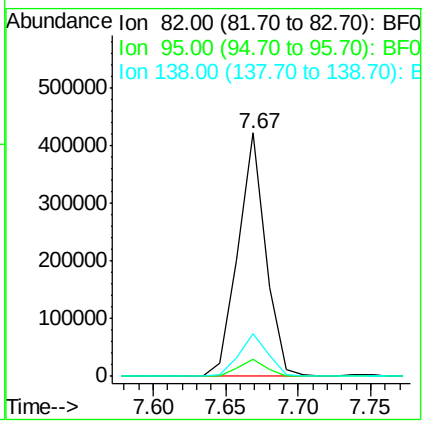




#25
Isophorone
Concen: 46.80 ng
RT: 7.67 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

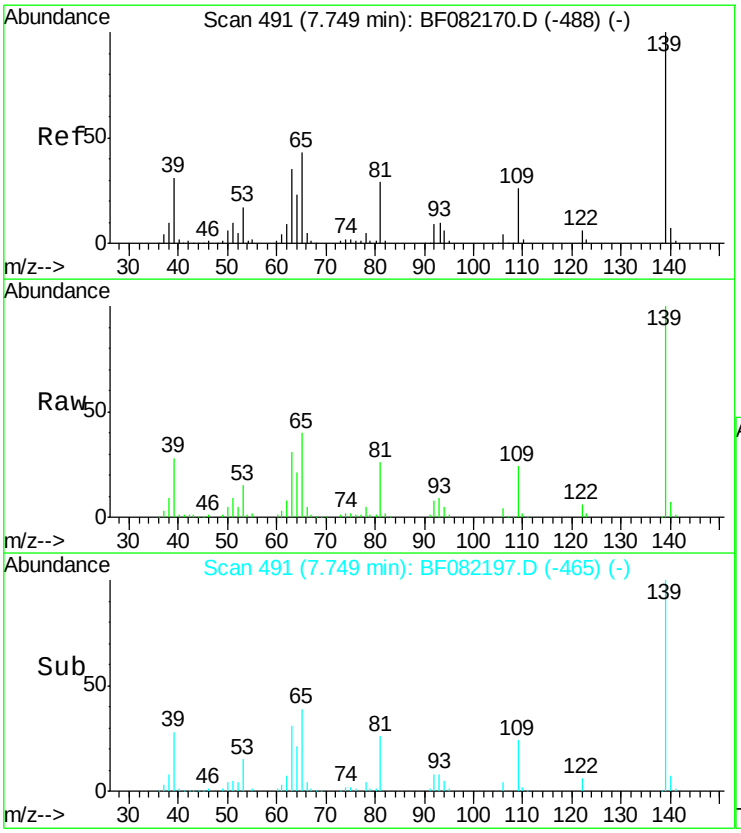
Tgt Ion: 82 Resp: 555953

Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	17.6	13.6	20.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

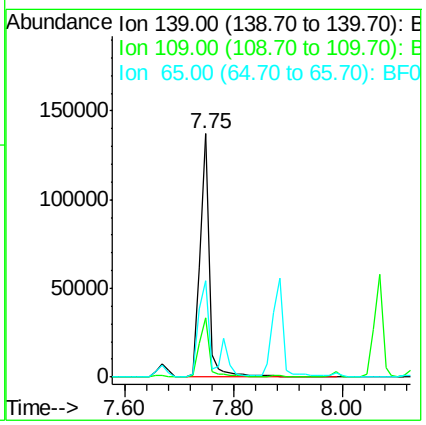
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

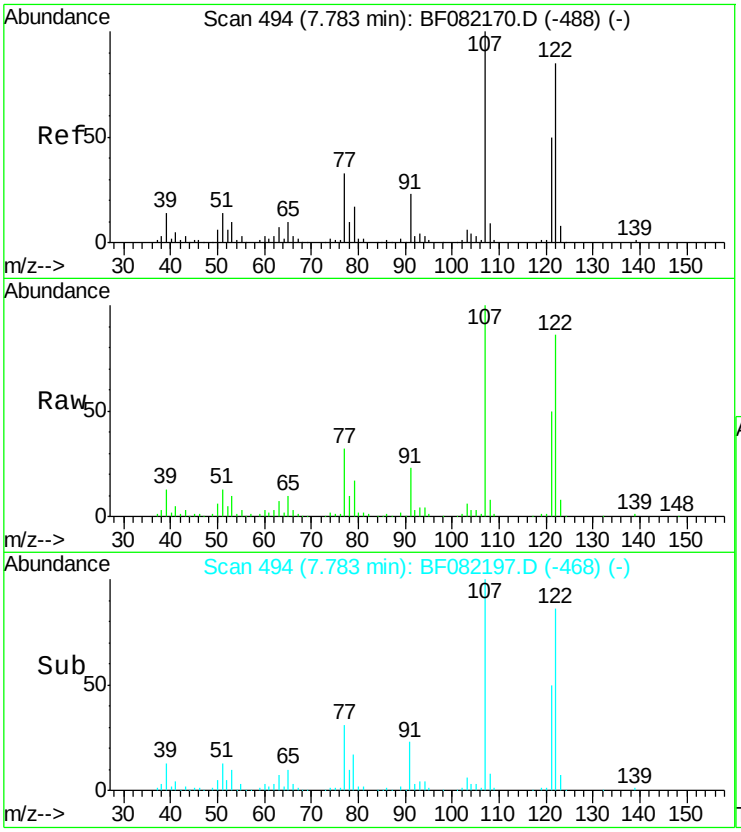


#26
2-Nitrophenol
Concen: 50.69 ng
RT: 7.75 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:139 Resp: 161280

Ion	Ratio	Lower	Upper
139	100		
109	24.4	20.6	31.0
65	39.5	34.3	51.5

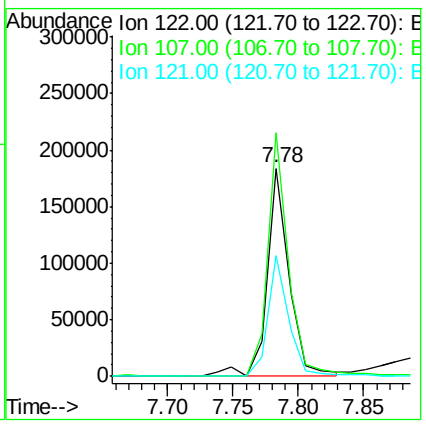




#27
2,4-Dimethylphenol
Concen: 42.61 ng
RT: 7.78 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

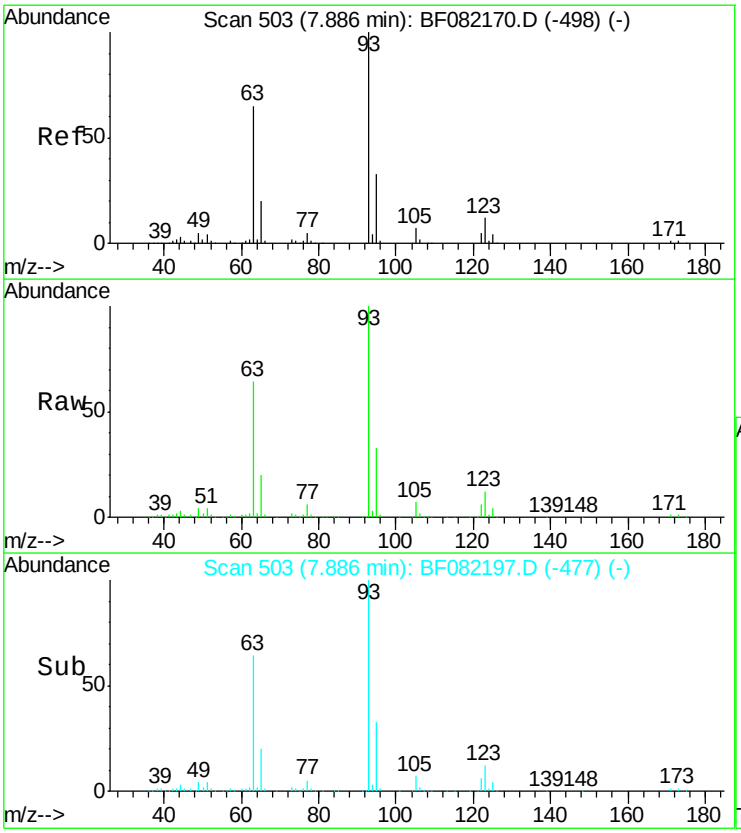
Tgt Ion:122 Resp: 218385

Ion	Ratio	Lower	Upper
122	100		
107	116.9	94.0	141.0
121	58.0	46.8	70.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

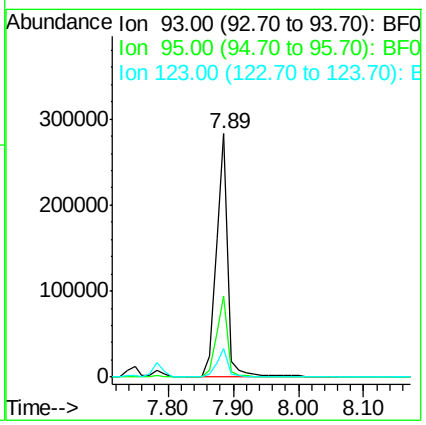
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

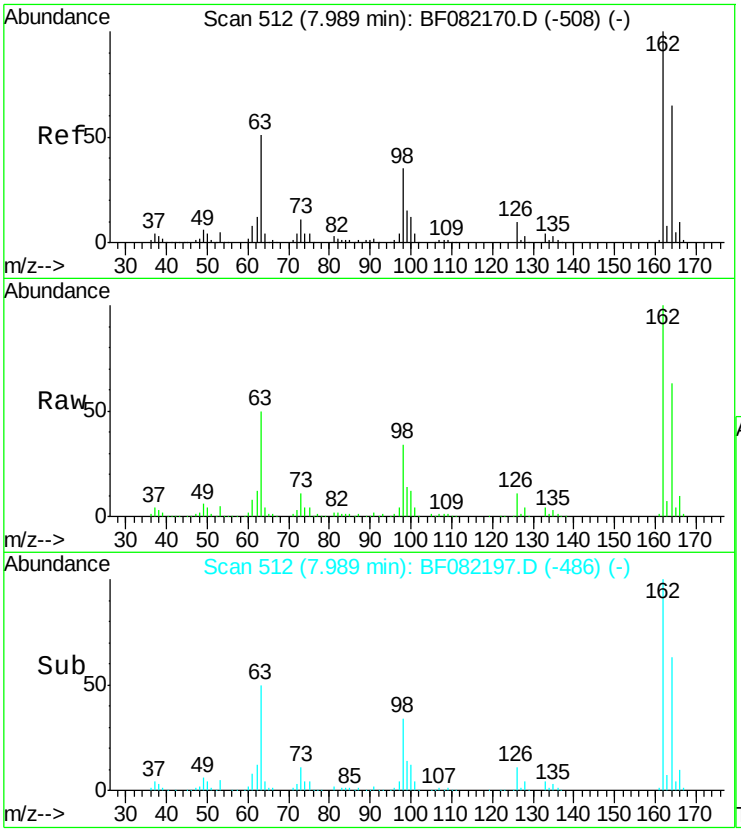


#28
bis(2-Chloroethoxy)methane
Concen: 50.75 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 93 Resp: 350820

Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	39.8
123	12.0	9.5	14.3

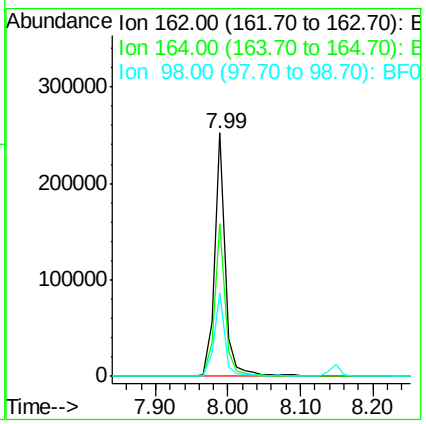




#29
2,4-Dichlorophenol
Concen: 50.78 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

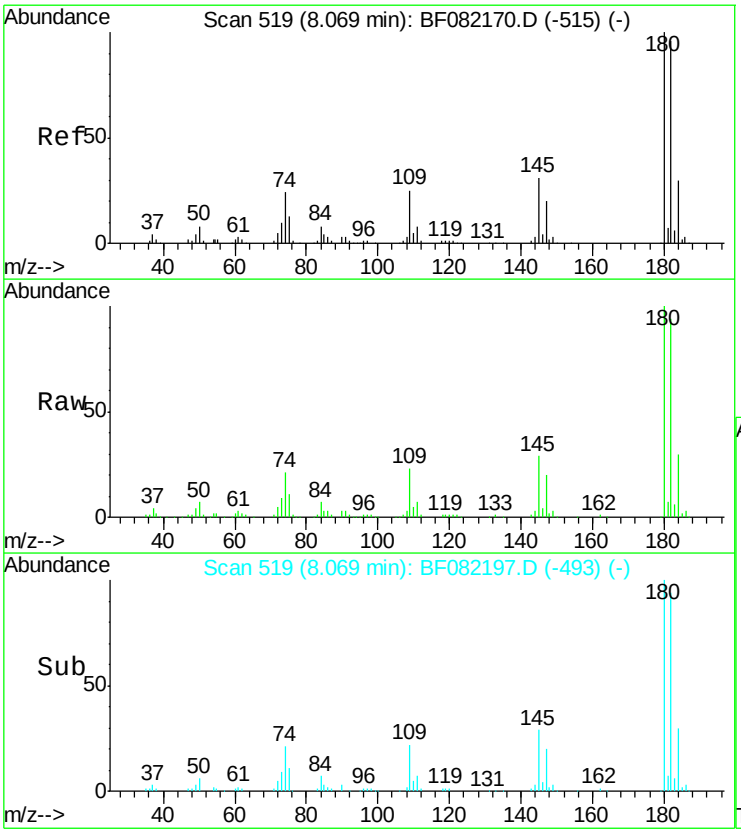
Tgt Ion:162 Resp: 260181

Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	34.1	15.0	55.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

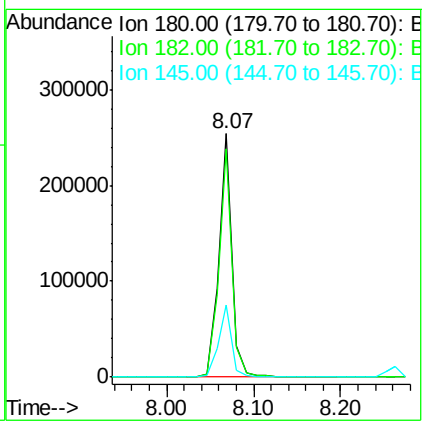
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

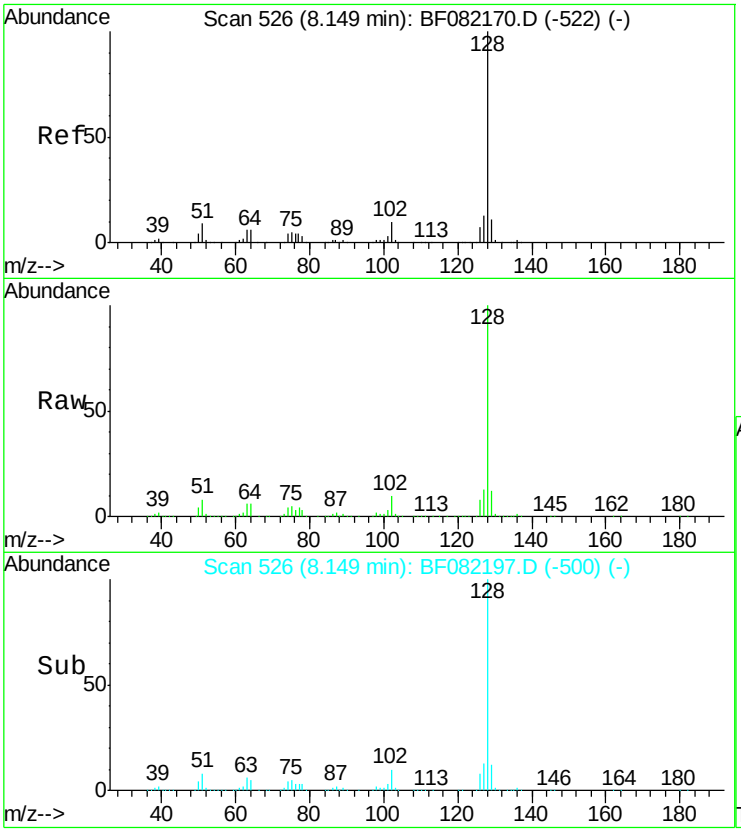


#30
1,2,4-Trichlorobenzene
Concen: 45.57 ng
RT: 8.07 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:180 Resp: 269126

Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.0	115.4
145	29.5	25.0	37.4

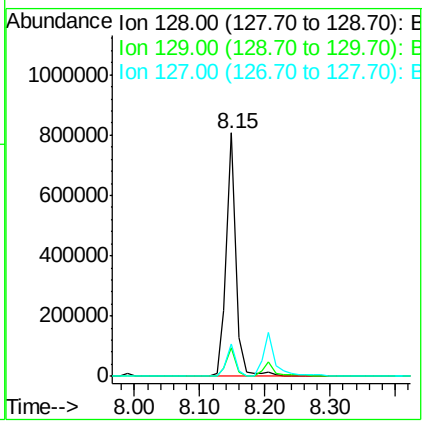




#31
Naphthalene
Concen: 49.17 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

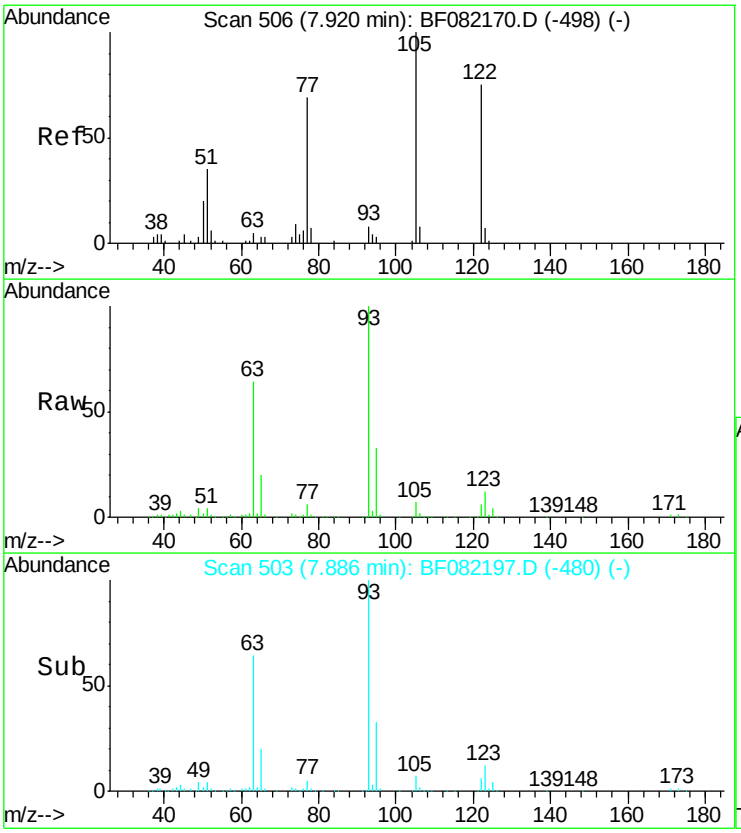
Tgt Ion:128 Resp: 842607

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.5	10.7	16.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

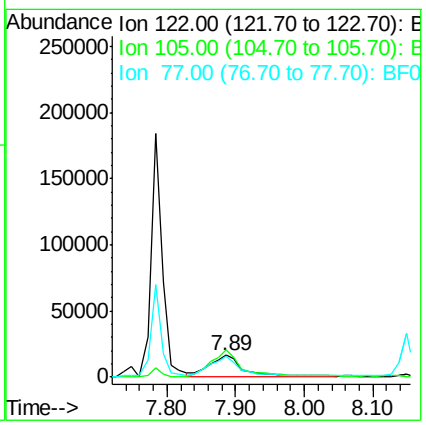
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

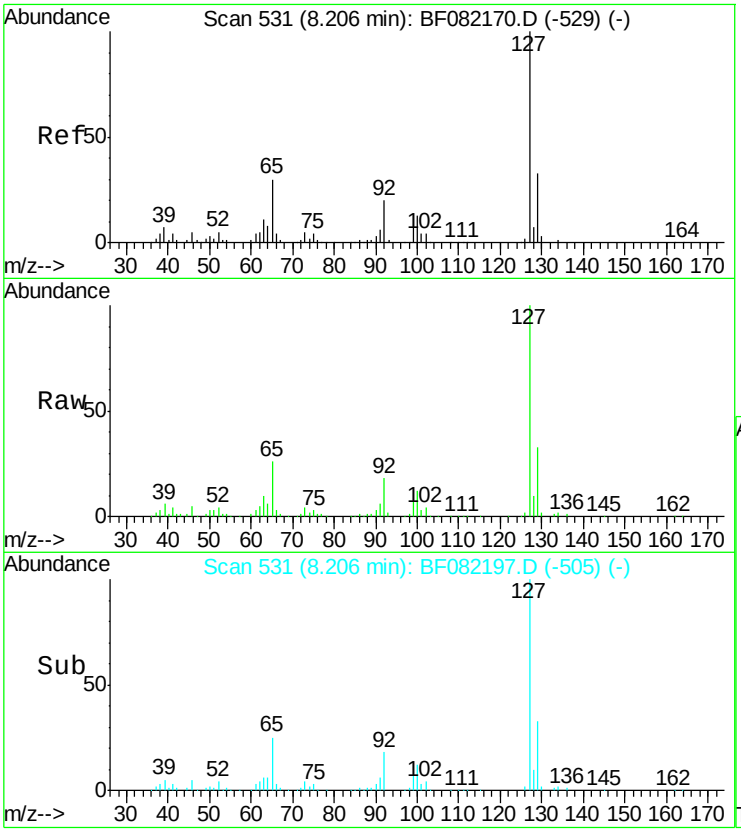


#32
Benzoic acid
Concen: 15.63 ng
RT: 7.89 min Scan# 503
Delta R.T. -0.03 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:122 Resp: 53776

Ion	Ratio	Lower	Upper
122	100		
105	128.0	104.4	144.4
77	96.8	69.0	109.0

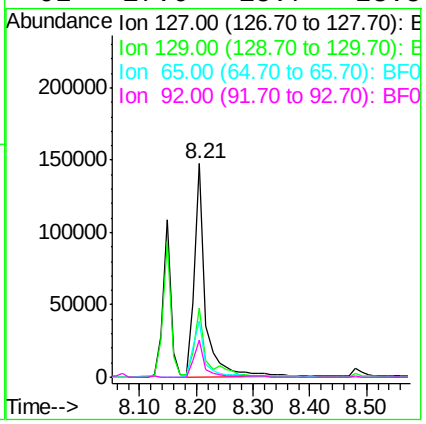




#33
4-Chloroaniline
Concen: 28.03 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

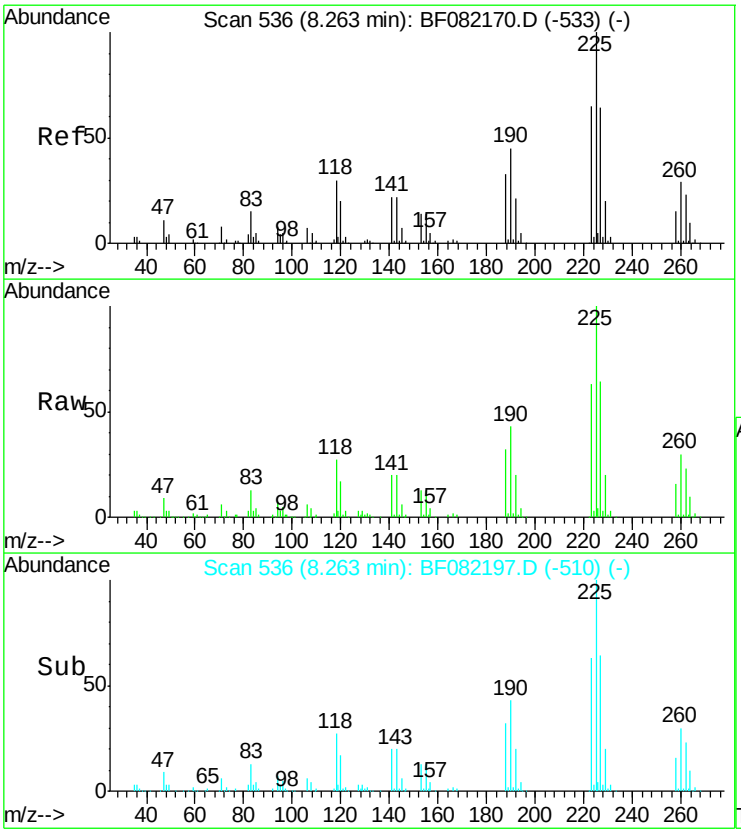
Tgt Ion:127 Resp: 199444

Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	26.2	24.4	36.6
92	17.6	15.7	23.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

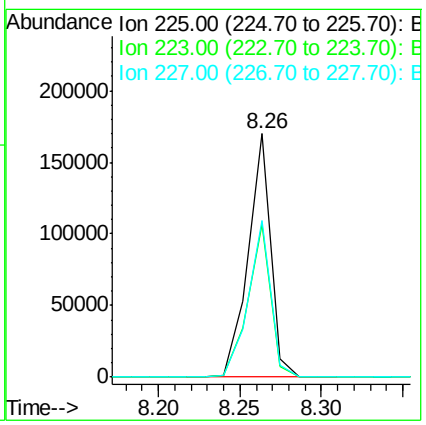
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

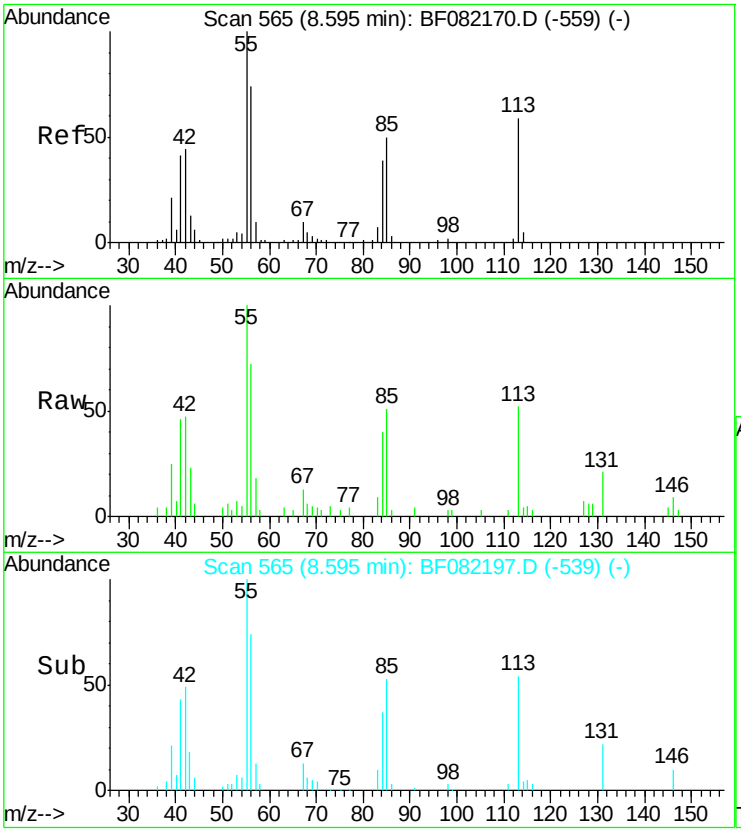


#34
Hexachlorobutadiene
Concen: 44.23 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:225 Resp: 162782

Ion	Ratio	Lower	Upper
225	100		
223	62.9	52.2	78.2
227	64.1	51.3	76.9

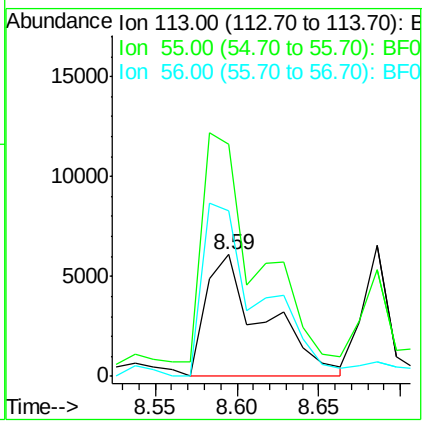




#35
Caprolactam
Concen: 10.13 ng m
RT: 8.59 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

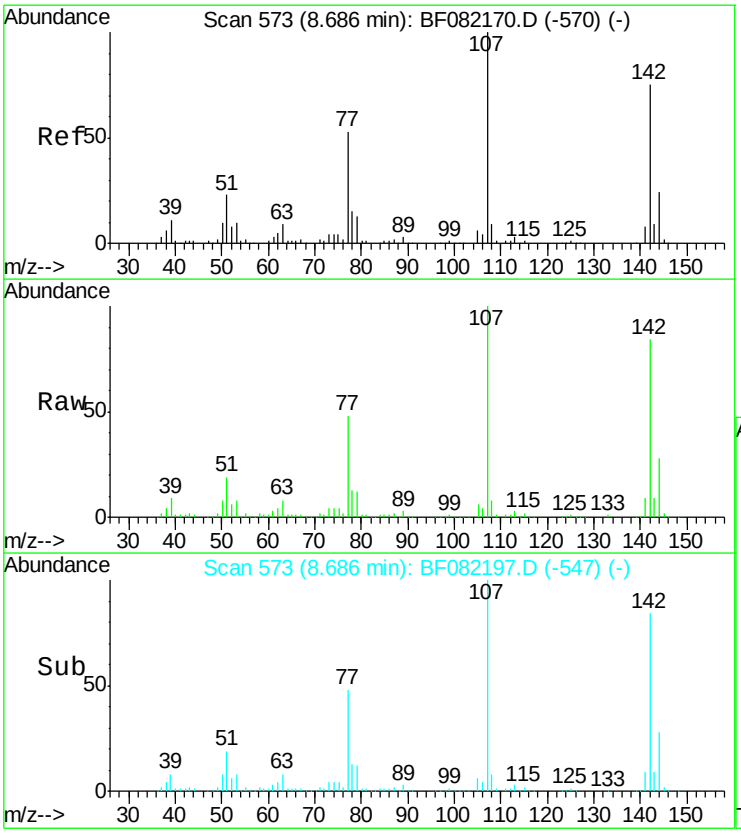
Tgt Ion:113 Resp: 15065

Ion	Ratio	Lower	Upper
113	100		
55	190.8	149.7	189.7#
56	136.4	105.4	145.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

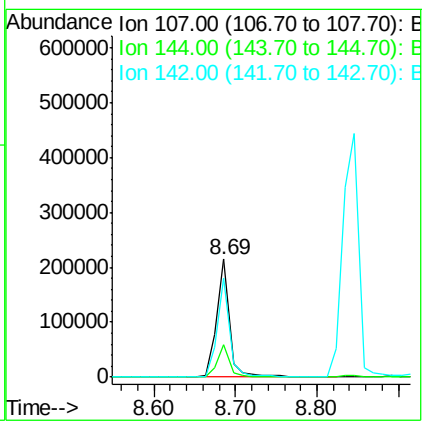
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

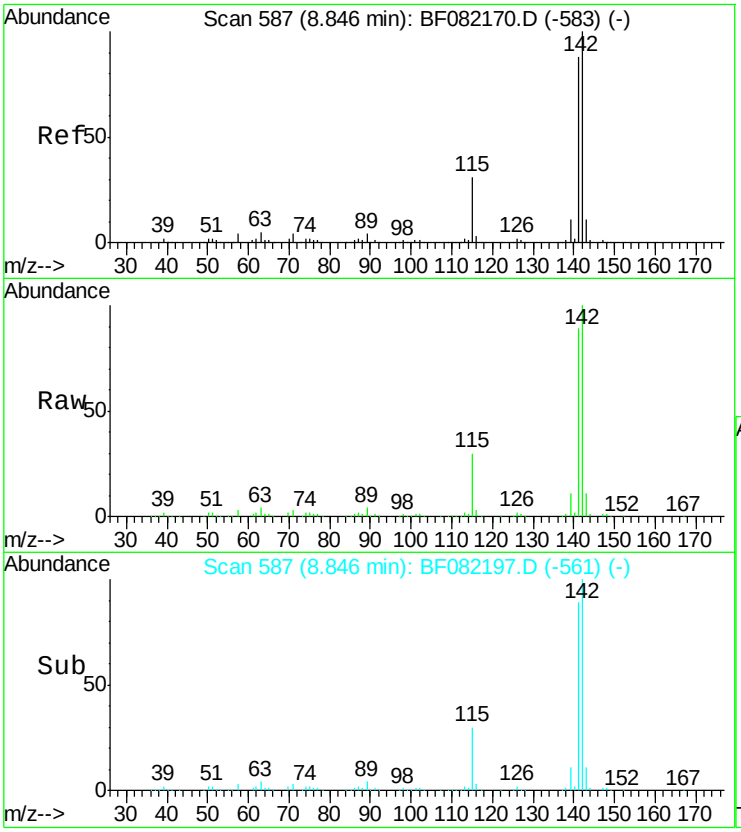


#36
4-Chloro-3-methylphenol
Concen: 47.51 ng
RT: 8.69 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:107 Resp: 238070

Ion	Ratio	Lower	Upper
107	100		
144	27.6	19.3	28.9
142	84.5	59.9	89.9

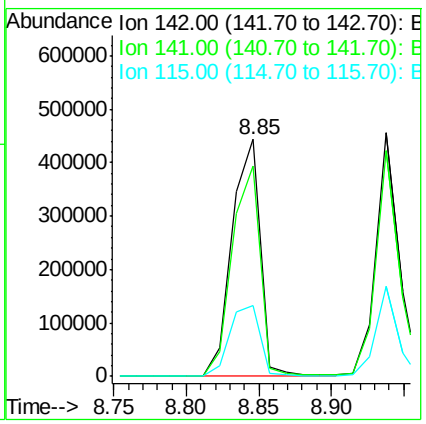




#37
2-Methylnaphthalene
Concen: 50.45 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

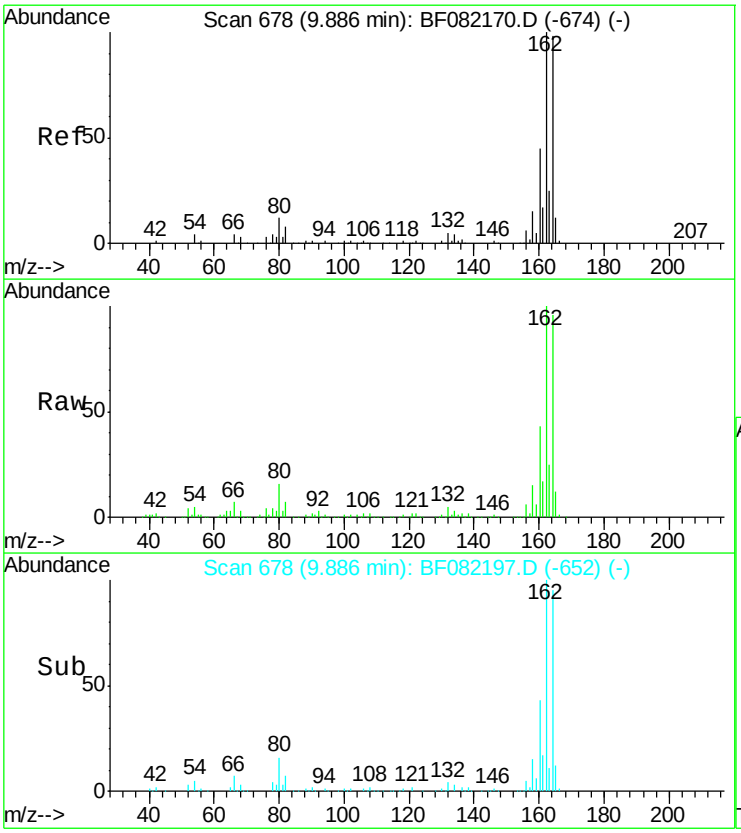
Tgt Ion:142 Resp: 599285

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	29.6	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

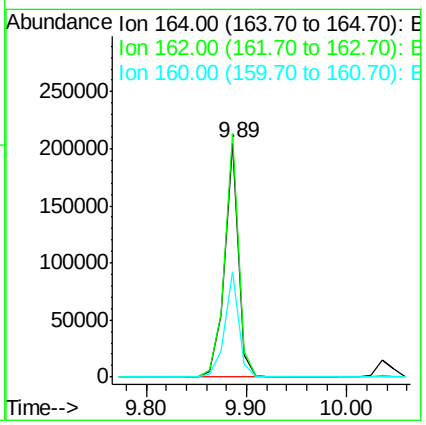
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

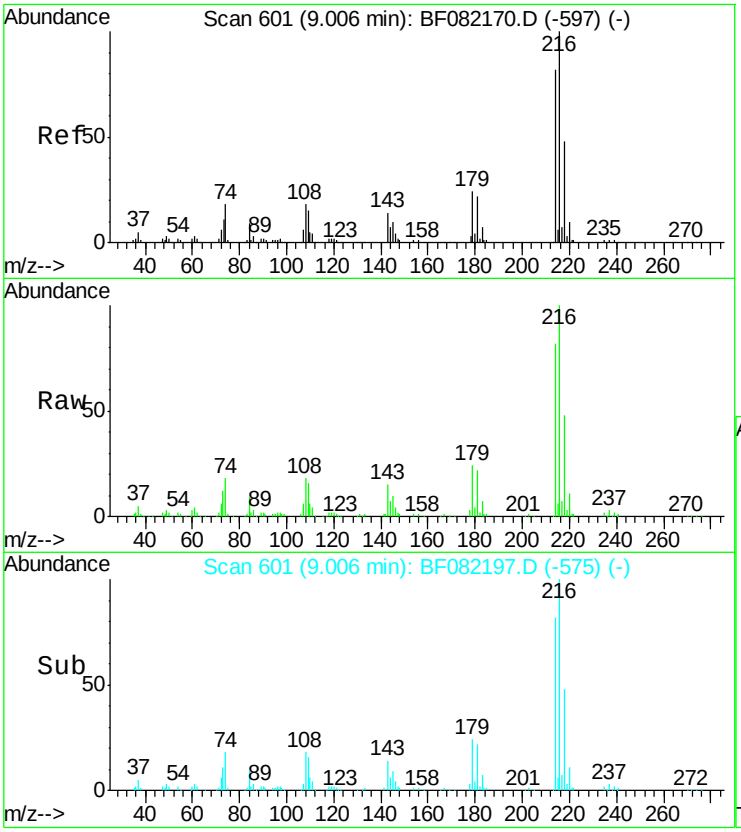


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:164 Resp: 196946

Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.6	122.4
160	45.0	36.4	54.6

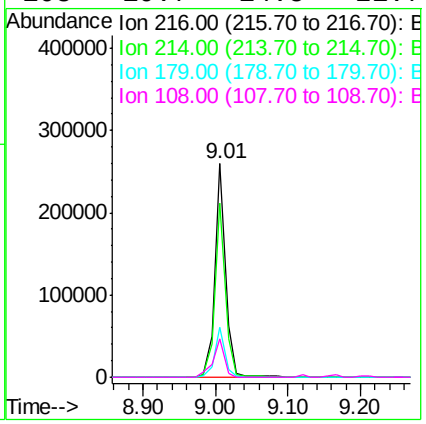




#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.49 ng
RT: 9.01 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

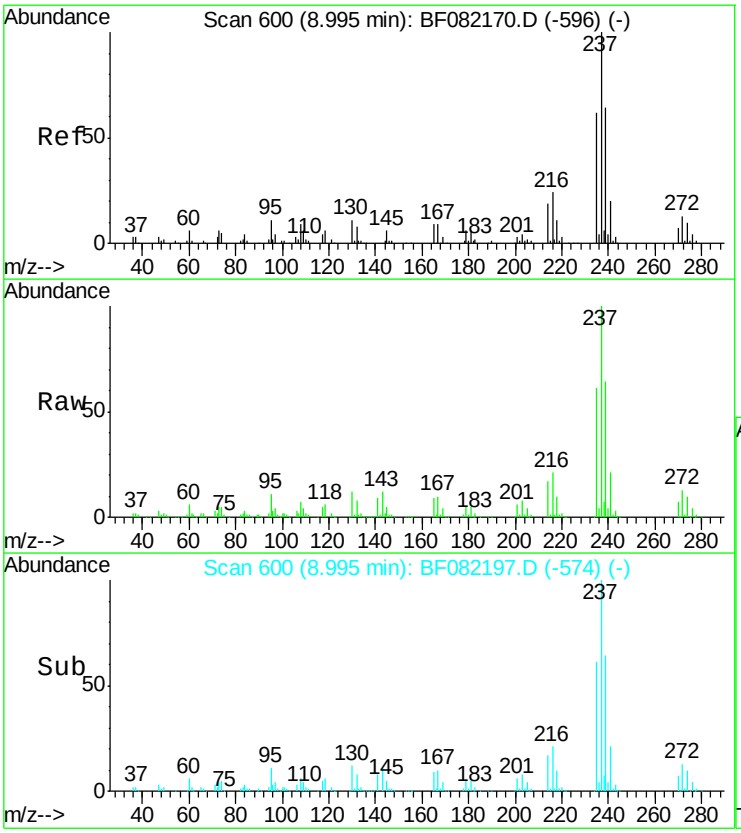
Tgt Ion:216 Resp: 266496

Ion	Ratio	Lower	Upper
216	100		
214	80.7	64.6	97.0
179	22.2	17.6	26.4
108	19.7	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

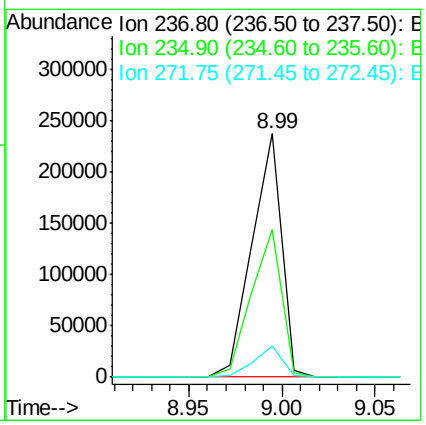
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

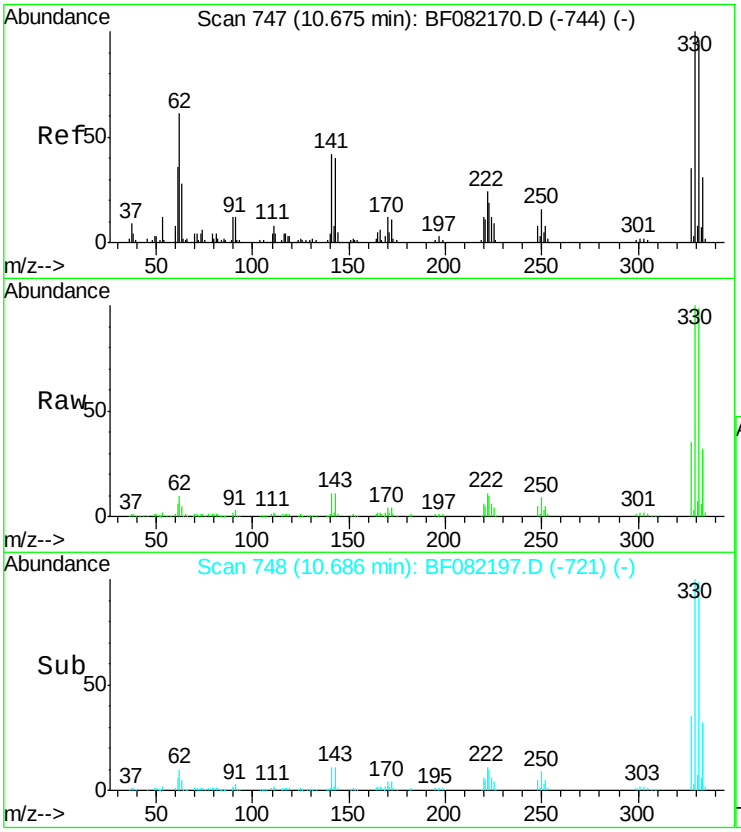


#40
Hexachlorocyclopentadiene
Concen: 86.68 ng
RT: 8.99 min Scan# 600
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:237 Resp: 259230

Ion	Ratio	Lower	Upper
237	100		
235	60.7	41.7	81.7
272	12.8	0.0	32.8

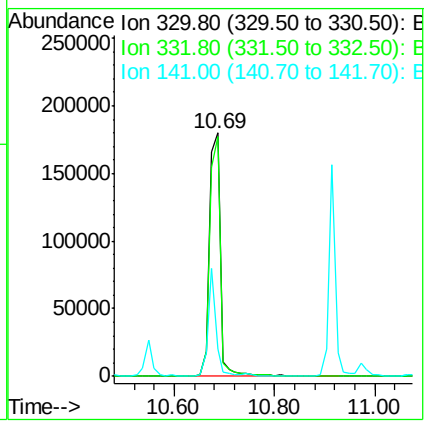




#41
2,4,6-Tribromophenol
Concen: 148.19 ng
RT: 10.69 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

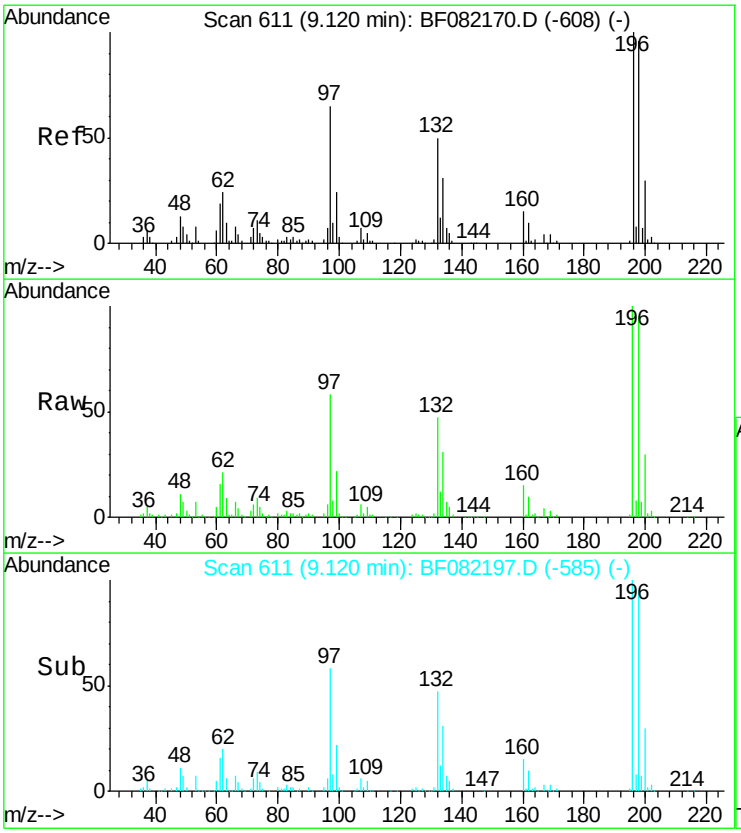
Tgt Ion:330 Resp: 273699

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.1	115.7
141	31.1	29.8	44.8



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

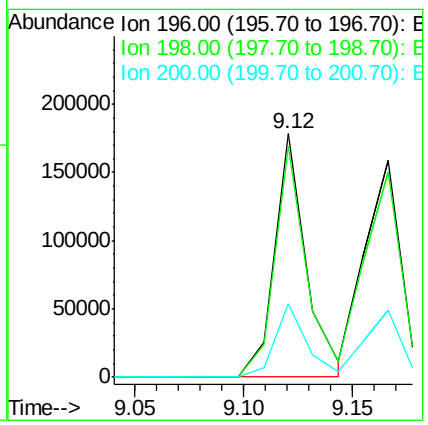
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

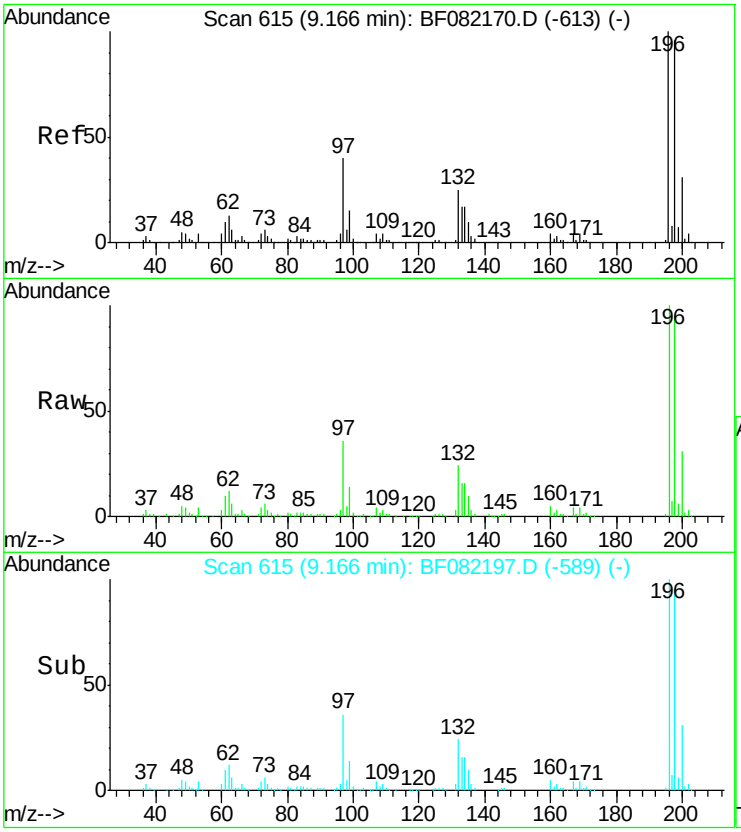


#42
2,4,6-Trichlorophenol
Concen: 46.54 ng
RT: 9.12 min Scan# 611
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:196 Resp: 181089

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.6	115.0
200	29.9	23.7	35.5

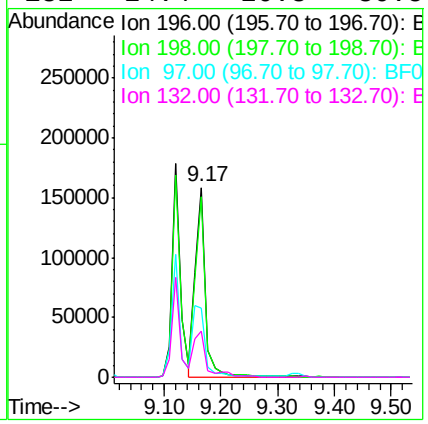




#43
2,4,5-Trichlorophenol
Concen: 47.81 ng
RT: 9.17 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

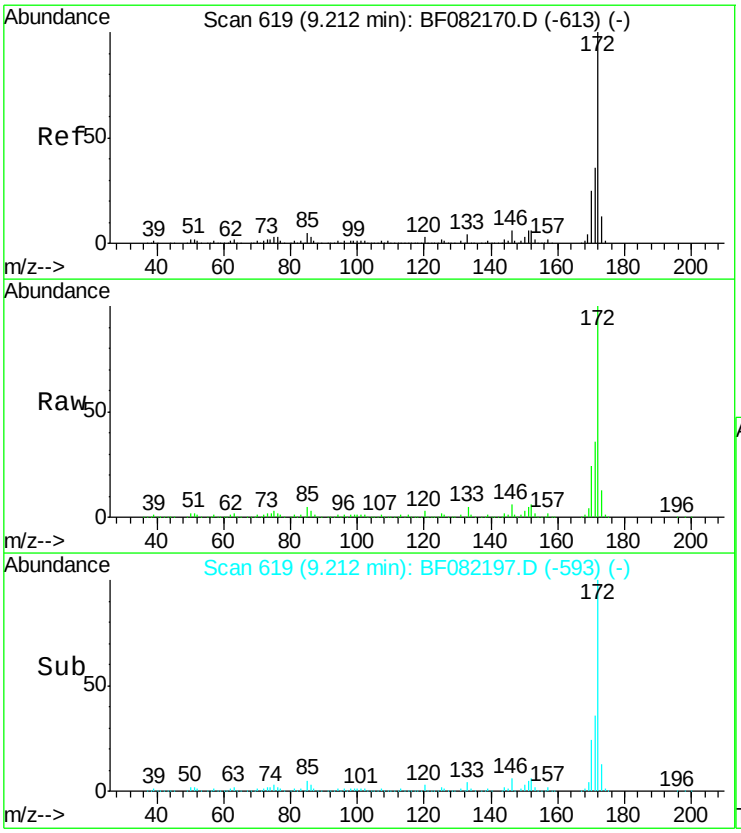
Tgt Ion:196 Resp: 201497

Ion	Ratio	Lower	Upper
196	100		
198	94.8	77.0	115.4
97	36.5	31.9	47.9
132	24.4	20.3	30.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

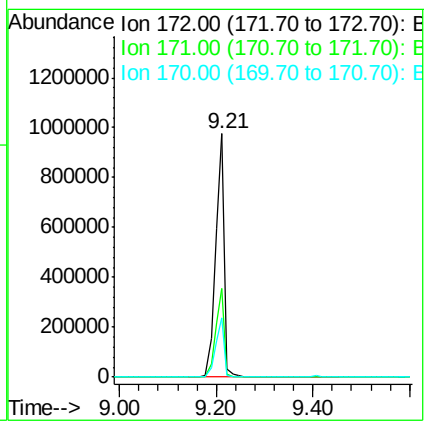
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

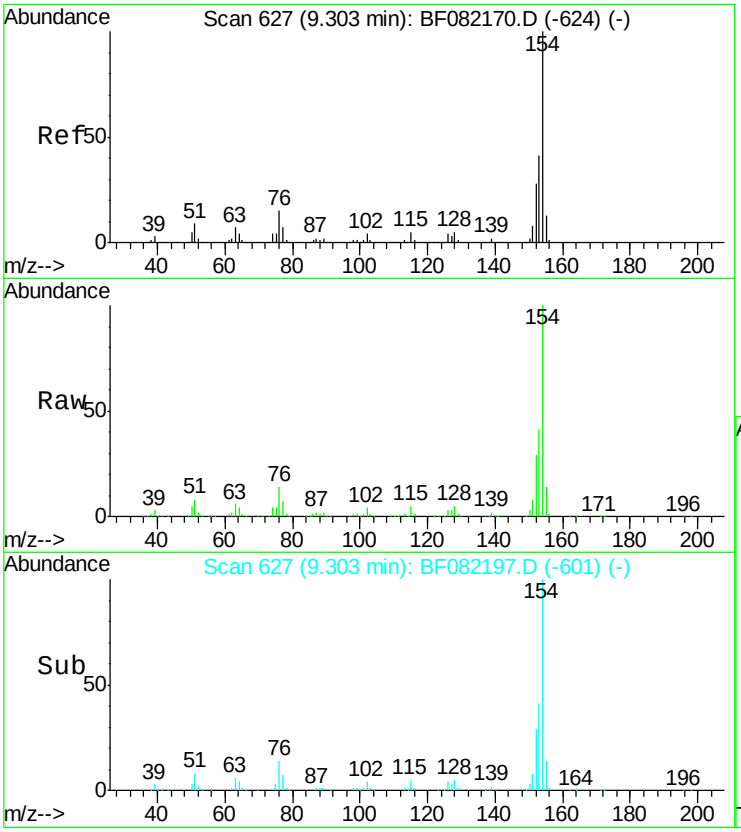


#44
2-Fluorobiphenyl
Concen: 104.14 ng
RT: 9.21 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:172 Resp: 1236776

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	42.8
170	24.5	19.7	29.5

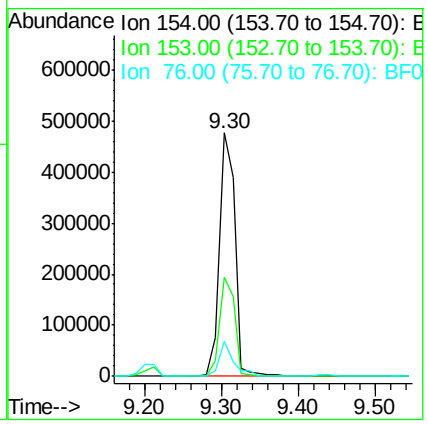




#45
1,1'-Biphenyl
Concen: 45.15 ng
RT: 9.30 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

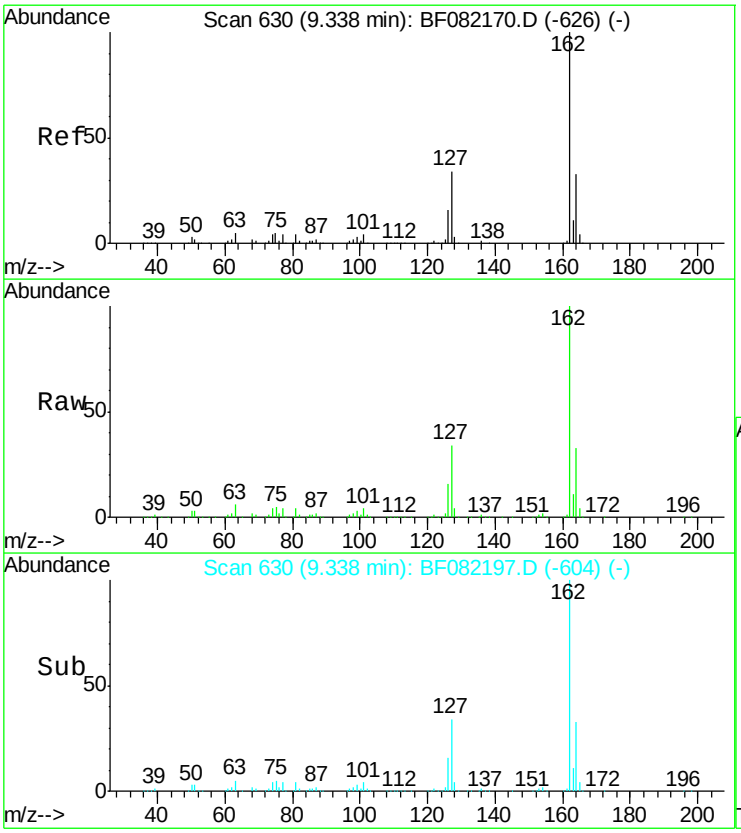
Tgt Ion:154 Resp: 678001

Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	14.4	0.0	35.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

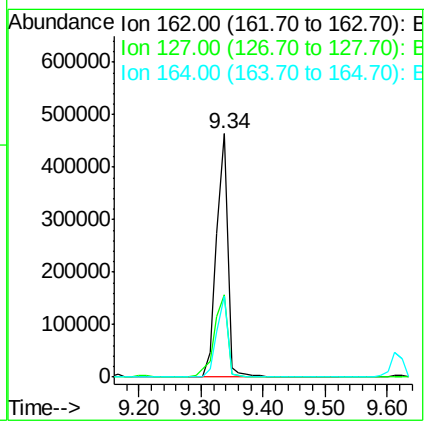
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

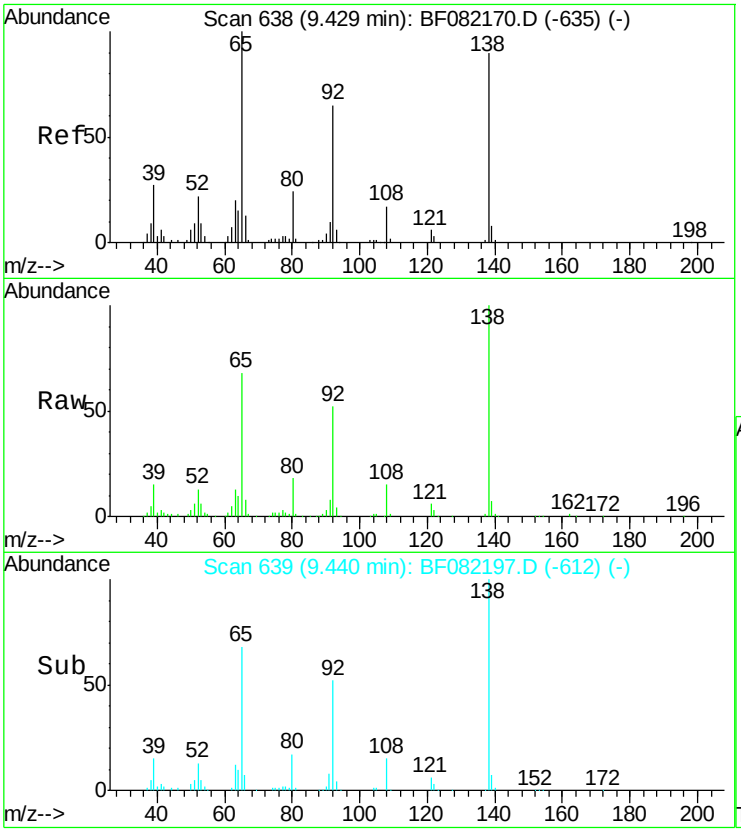


#46
2-Chloronaphthalene
Concen: 48.29 ng
RT: 9.34 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:162 Resp: 570956

Ion	Ratio	Lower	Upper
162	100		
127	33.6	27.5	41.3
164	33.3	26.6	39.8

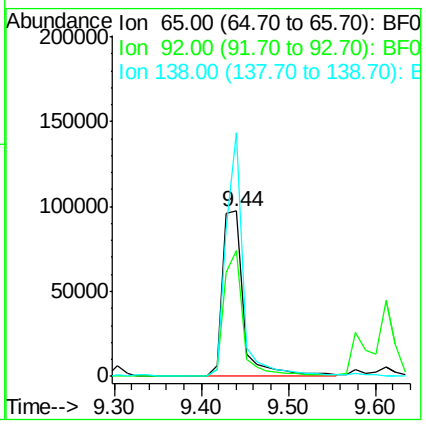




#47
2-Nitroaniline
Concen: 50.66 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.01 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

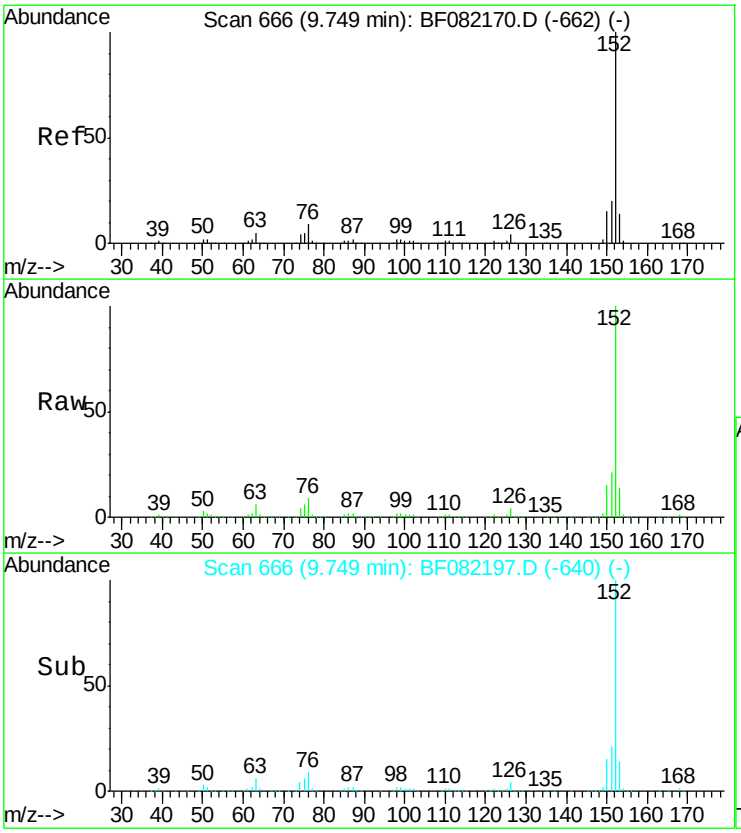
Tgt Ion: 65 Resp: 164438

Ion	Ratio	Lower	Upper
65	100		
92	76.2	52.3	78.5
138	147.3	72.2	108.4#



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

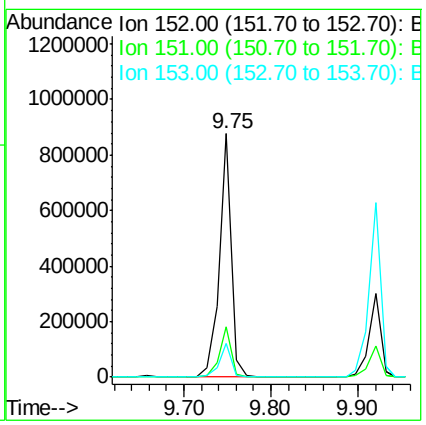
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

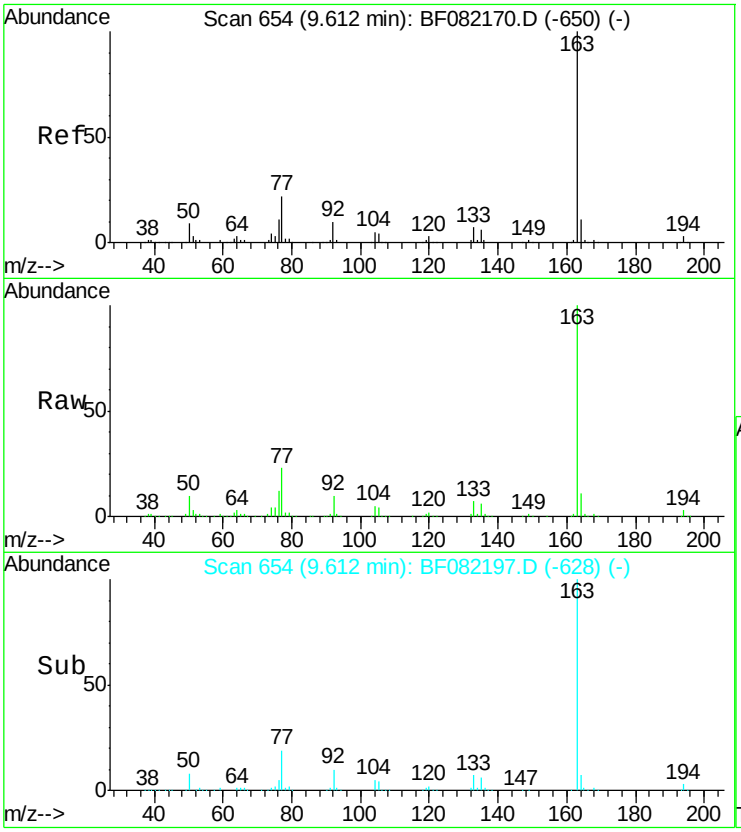


#48
Acenaphthylene
Concen: 46.66 ng
RT: 9.75 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:152 Resp: 859362

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.8	10.8	16.2

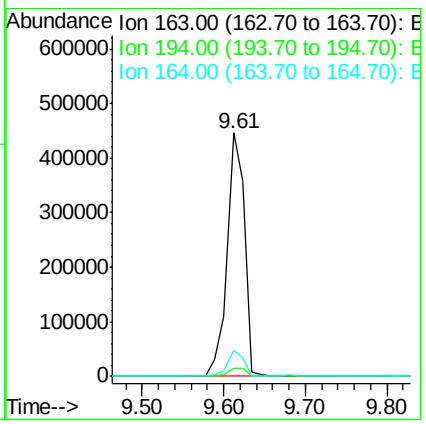




#49
Dimethylphthalate
Concen: 47.44 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

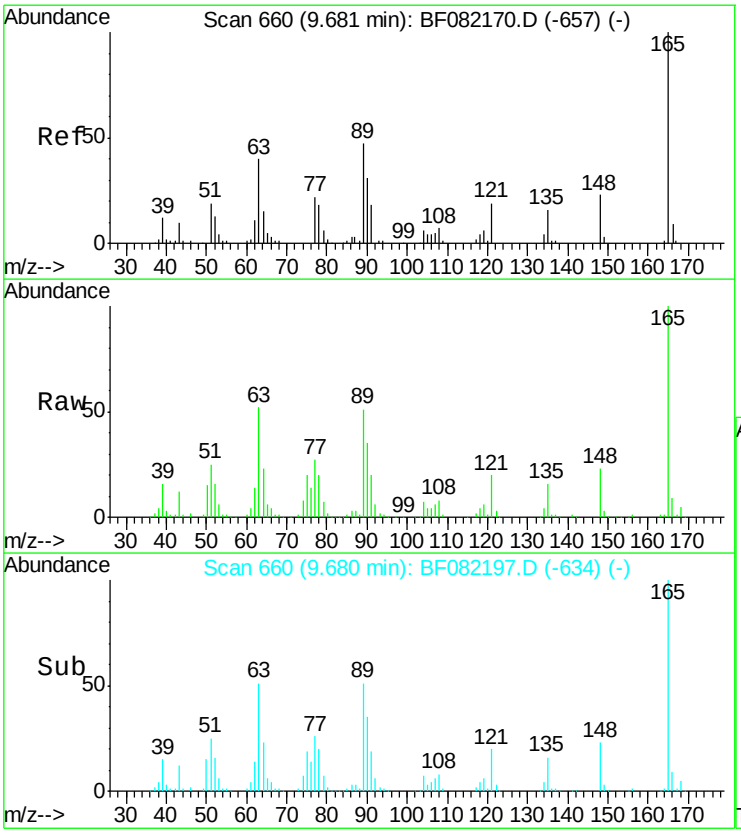
Tgt Ion:163 Resp: 657937

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.7	8.5	12.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

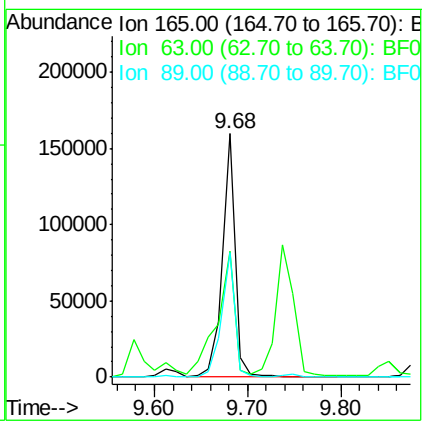
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

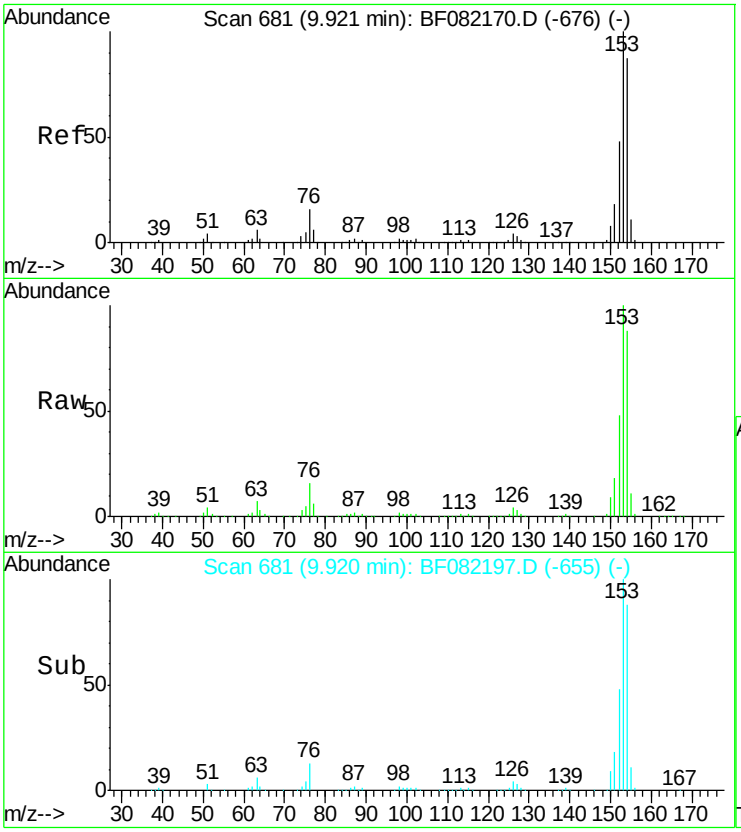


#50
2,6-Dinitrotoluene
Concen: 51.71 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:165 Resp: 151328

Ion	Ratio	Lower	Upper
165	100		
63	51.9	36.7	55.1
89	50.9	37.8	56.6

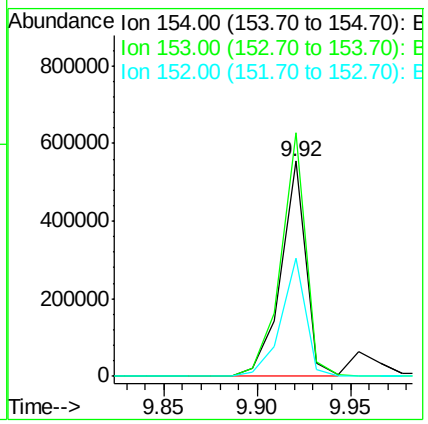




#51
Acenaphthene
Concen: 47.01 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

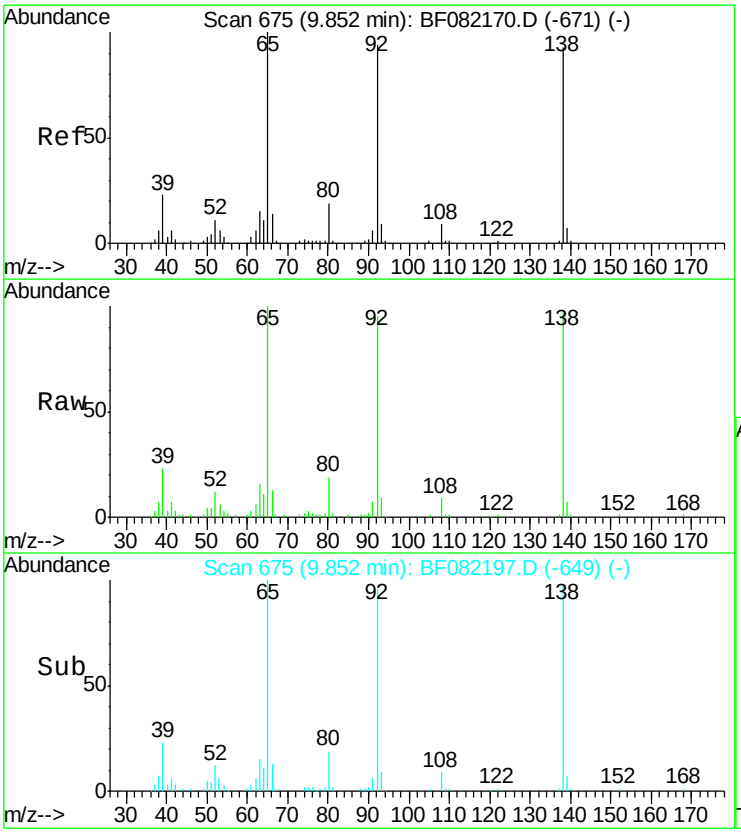
Tgt Ion:154 Resp: 519808

Ion	Ratio	Lower	Upper
154	100		
153	113.3	91.4	137.2
152	54.7	44.3	66.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

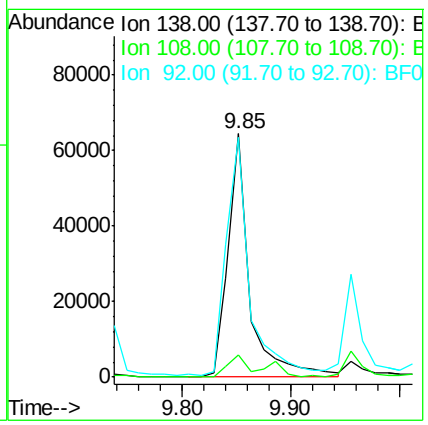
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

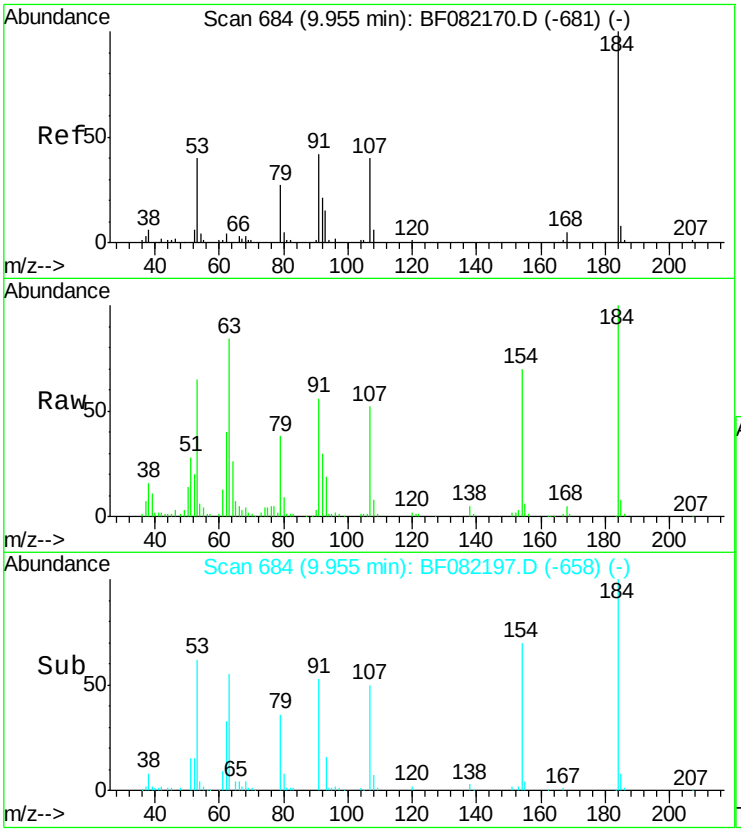


#52
3-Nitroaniline
Concen: 26.96 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:138 Resp: 89100

Ion	Ratio	Lower	Upper
138	100		
108	8.9	7.4	11.0
92	98.4	81.3	121.9

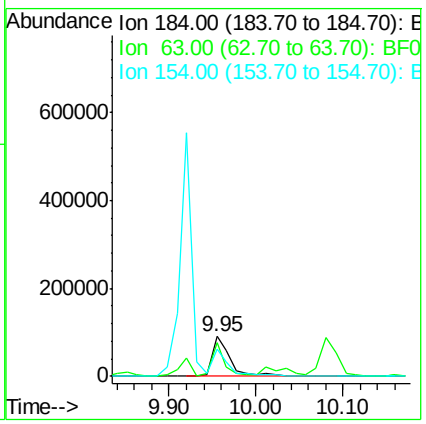




#53
2,4-Dinitrophenol
Concen: 81.42 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

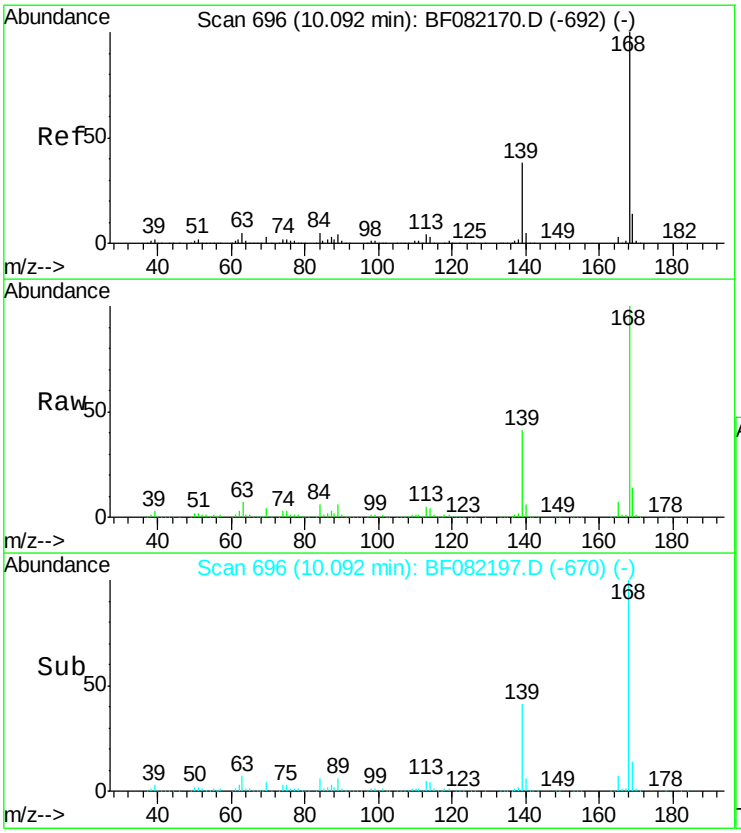
Tgt Ion:184 Resp: 133346

Ion	Ratio	Lower	Upper
184	100		
63	84.1	45.1	67.7#
154	70.1	51.2	76.8



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

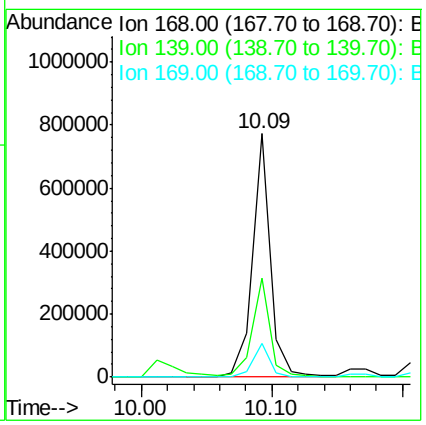
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

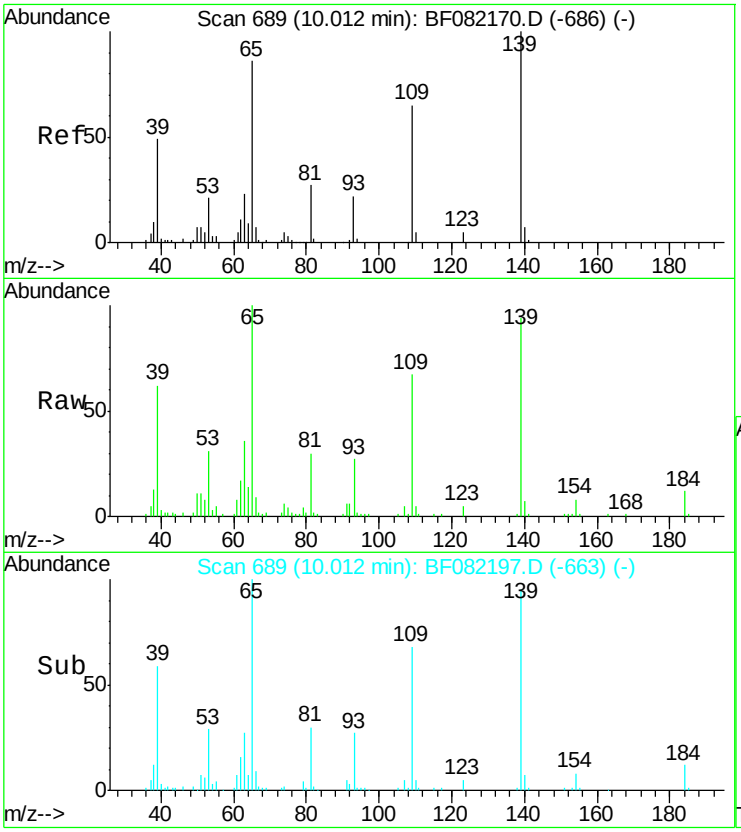


#54
Dibenzofuran
Concen: 48.67 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:168 Resp: 738730

Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.0	46.6
169	14.1	10.9	16.3

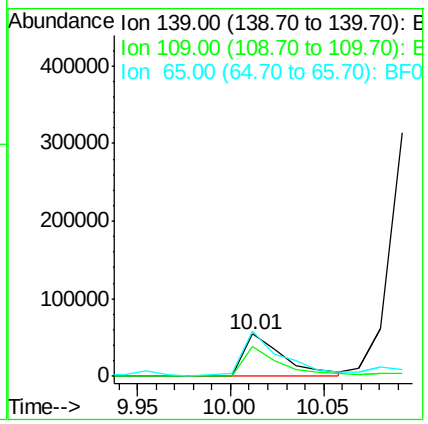




#55
4-Nitrophenol
Concen: 43.54 ng
RT: 10.01 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

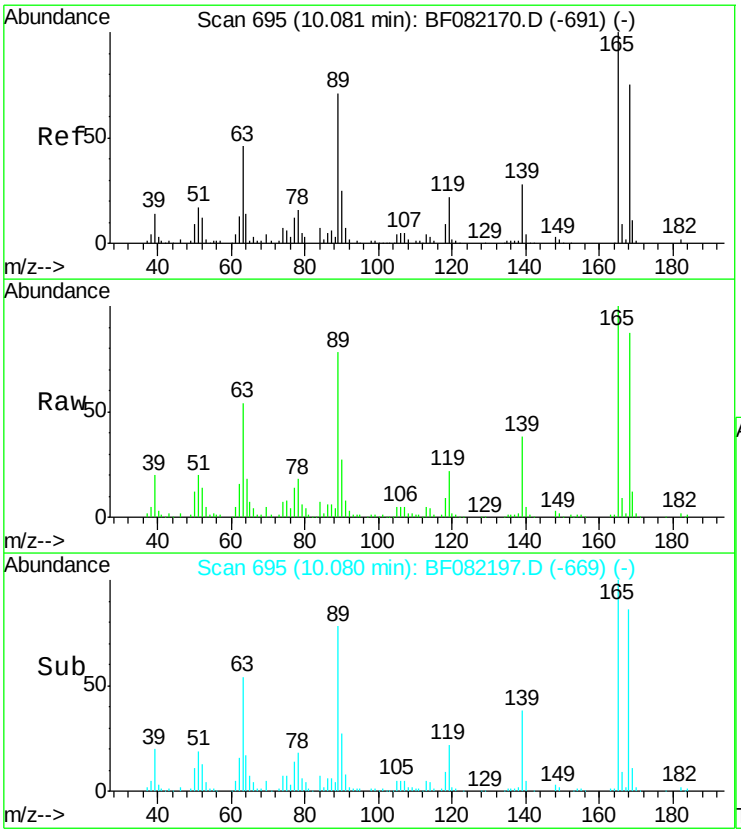
Tgt Ion:139 Resp: 81540

Ion	Ratio	Lower	Upper
139	100		
109	71.4	44.8	84.8
65	106.8	67.7	107.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

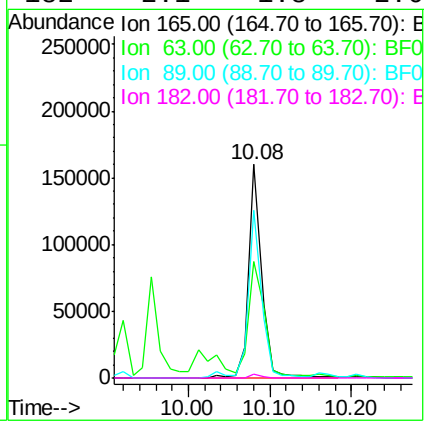
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

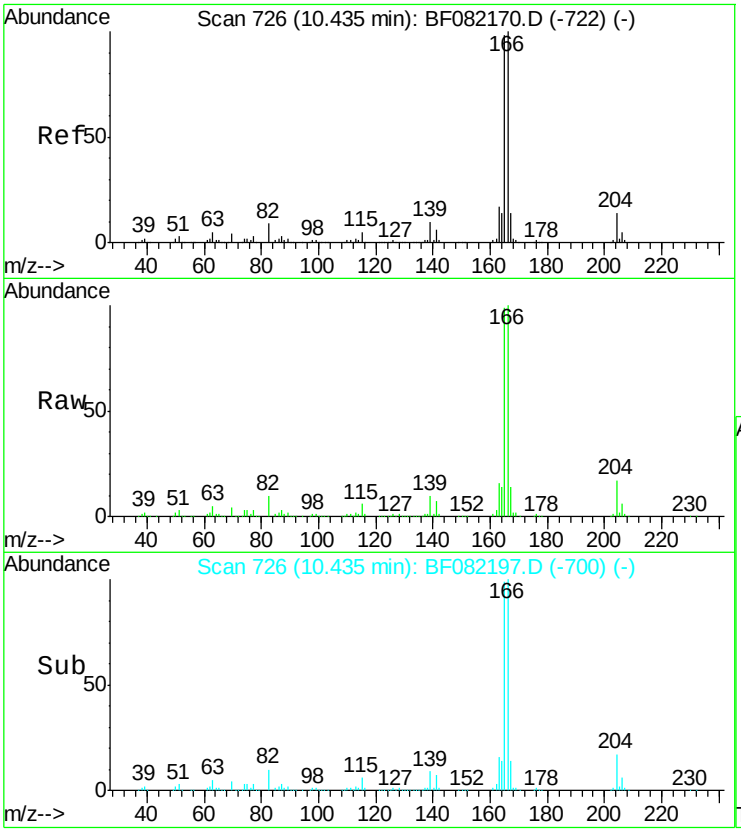


#56
2,4-Dinitrotoluene
Concen: 48.62 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:165 Resp: 177828

Ion	Ratio	Lower	Upper
165	100		
63	54.4	38.6	58.0
89	78.4	57.0	85.6
182	2.1	1.8	2.6

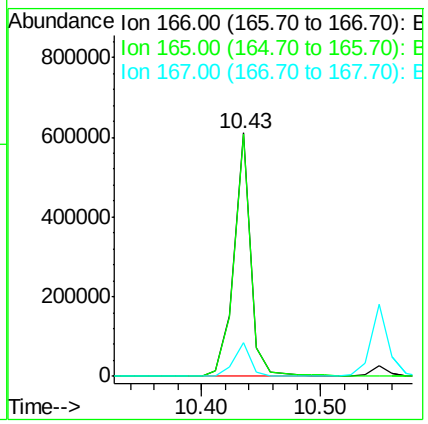




#57
Fluorene
Concen: 48.22 ng
RT: 10.43 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

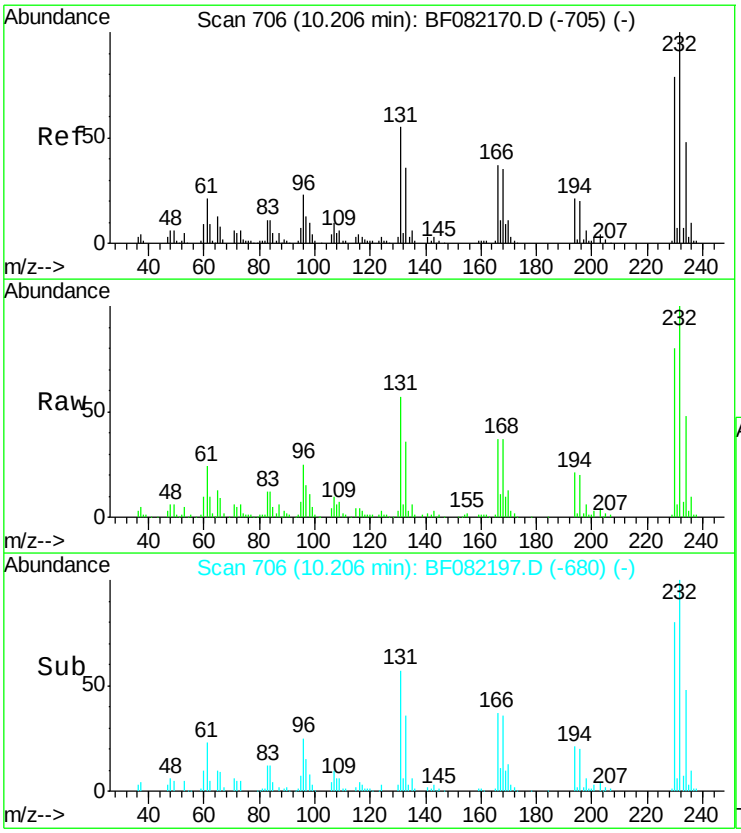
Tgt Ion:166 Resp: 601133

Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.3	117.5
167	13.8	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

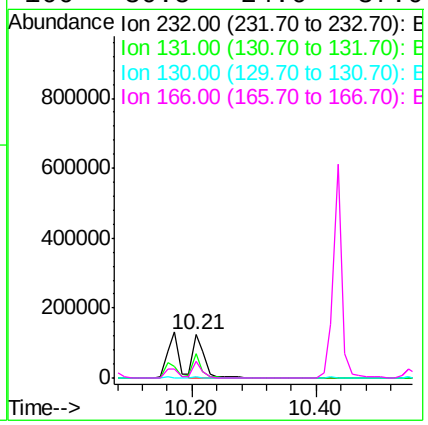
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

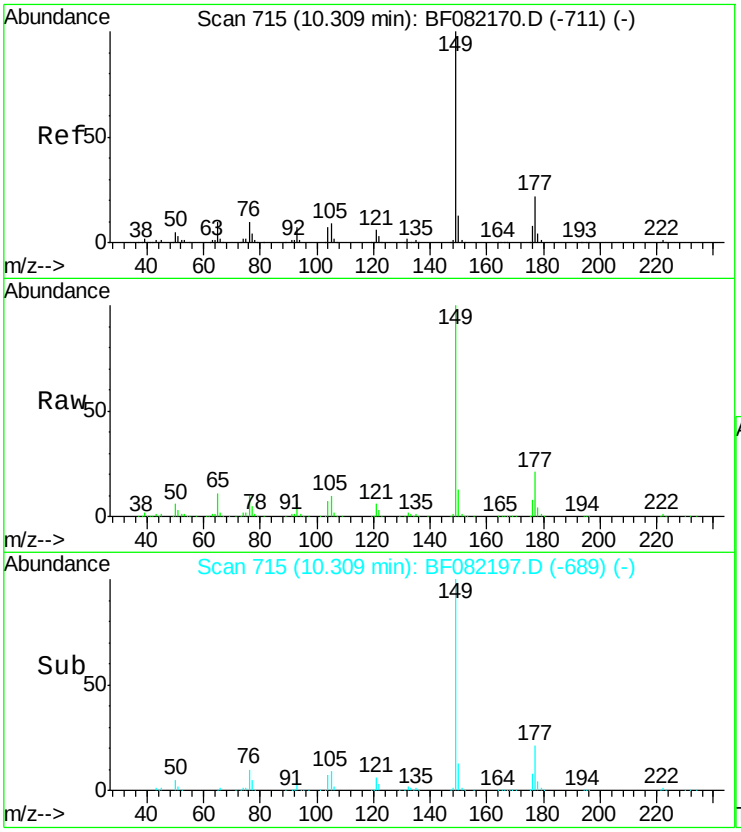


#58
2,3,4,6-Tetrachlorophenol
Concen: 46.39 ng
RT: 10.21 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:232 Resp: 159737

Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.6	54.8
130	2.0	1.5	2.3
166	30.5	24.6	37.0

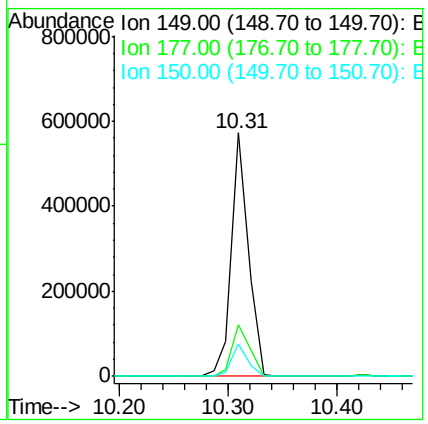




#59
Diethylphthalate
Concen: 47.79 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

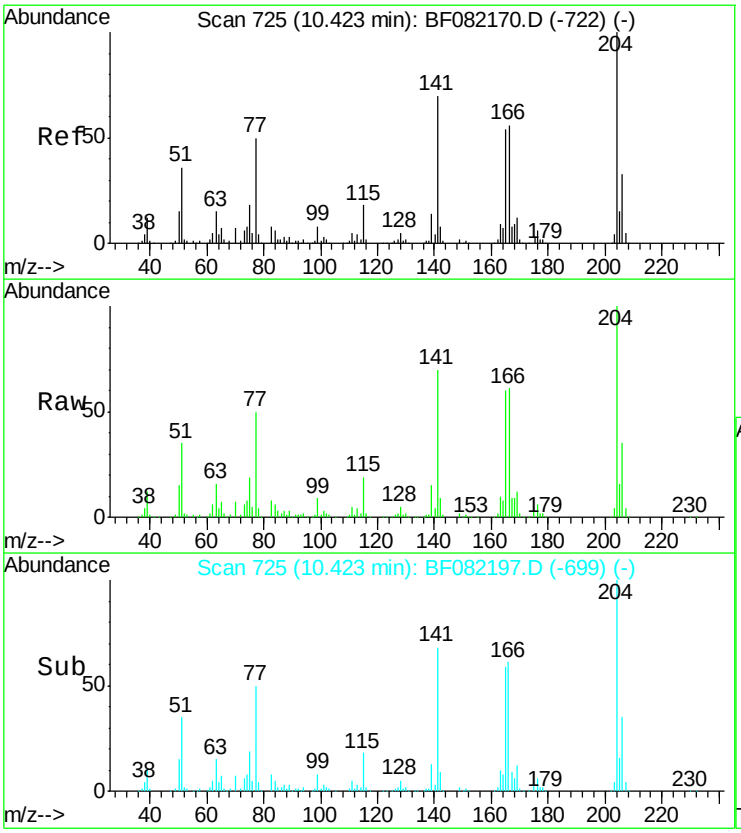
Tgt Ion:149 Resp: 617783

Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.6	26.4
150	13.1	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

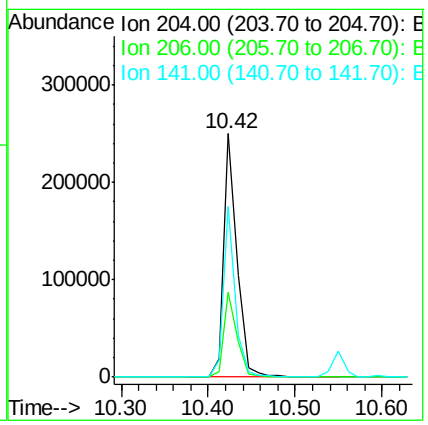
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

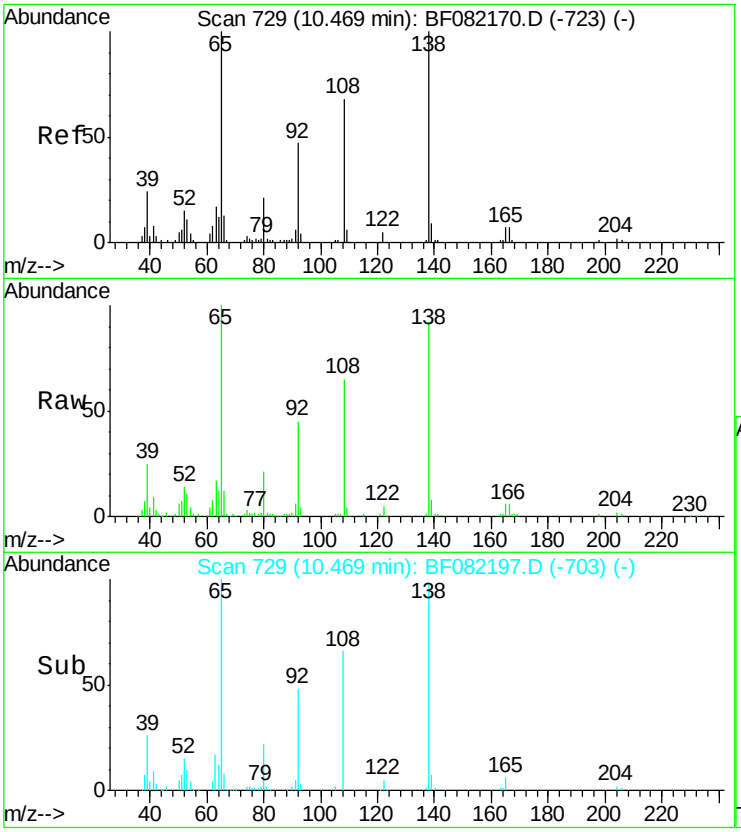


#60
4-Chlorophenyl-phenylether
Concen: 47.05 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:204 Resp: 268705

Ion	Ratio	Lower	Upper
204	100		
206	34.7	26.8	40.2
141	70.1	56.1	84.1

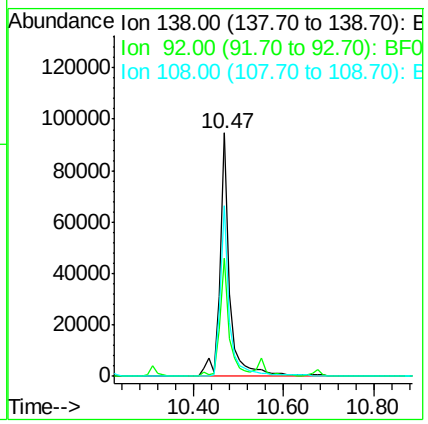




#61
4-Nitroaniline
Concen: 44.90 ng
RT: 10.47 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

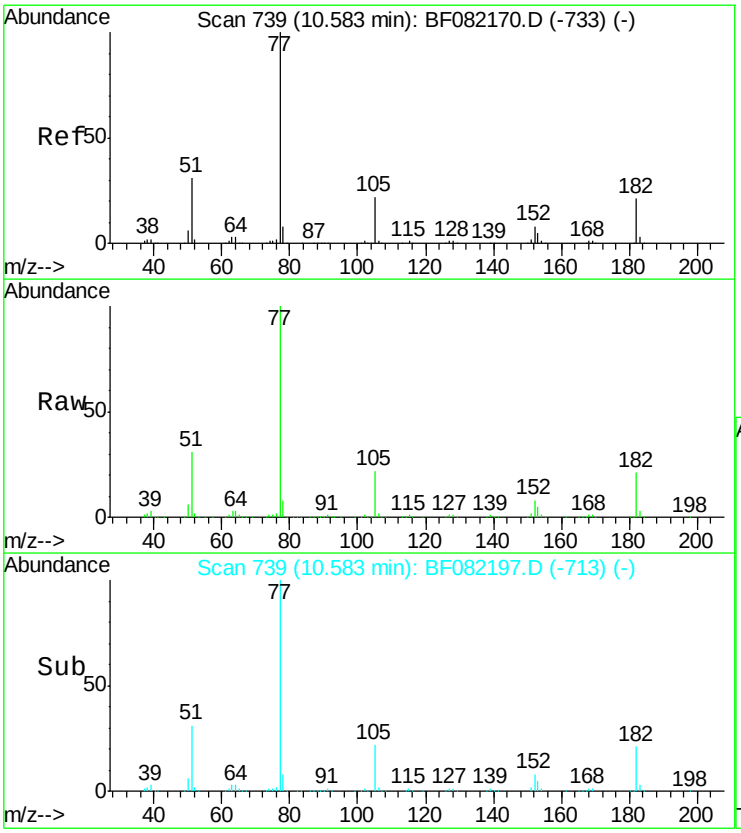
Tgt Ion:138 Resp: 143962

Ion	Ratio	Lower	Upper
138	100		
92	48.7	26.8	66.8
108	70.2	48.4	88.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

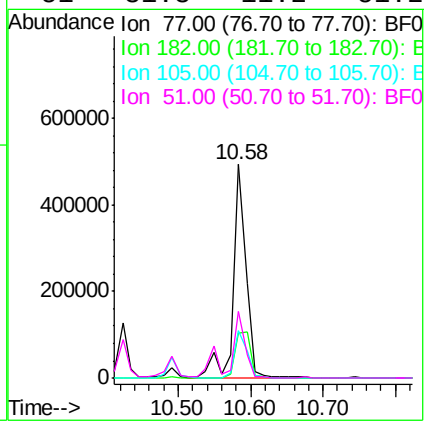
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

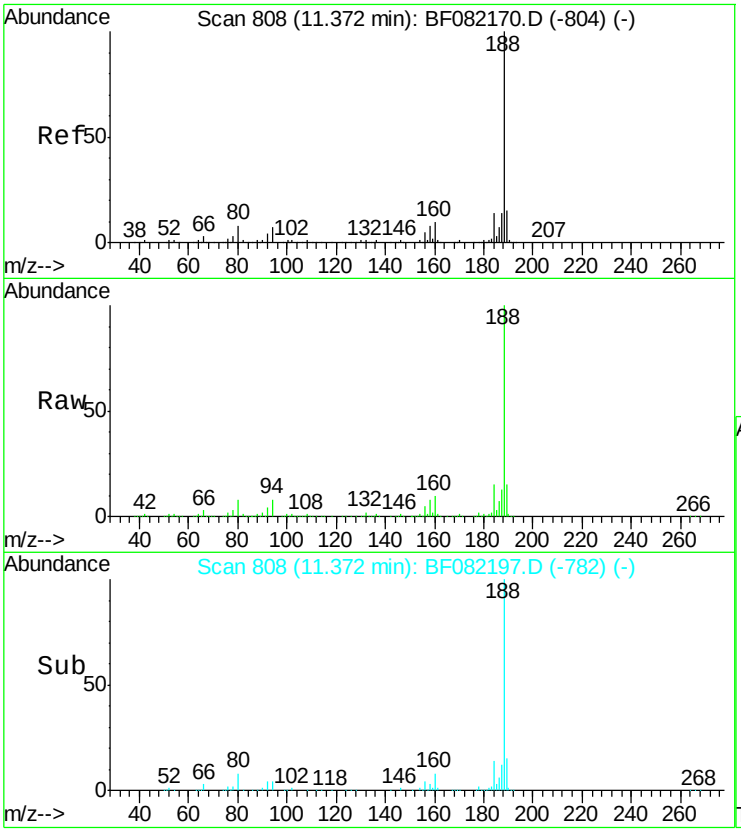


#62
Azobenzene
Concen: 47.59 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion: 77 Resp: 602127

Ion	Ratio	Lower	Upper
77	100		
182	21.2	0.5	40.5
105	21.9	1.8	41.8
51	31.3	11.2	51.2

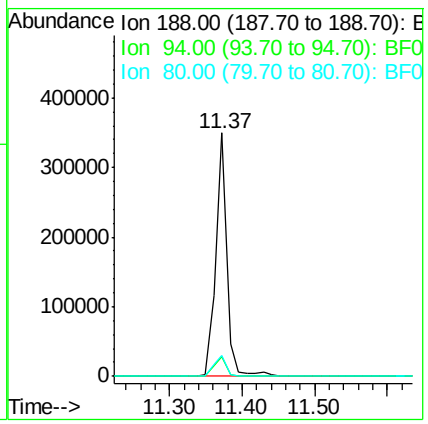




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

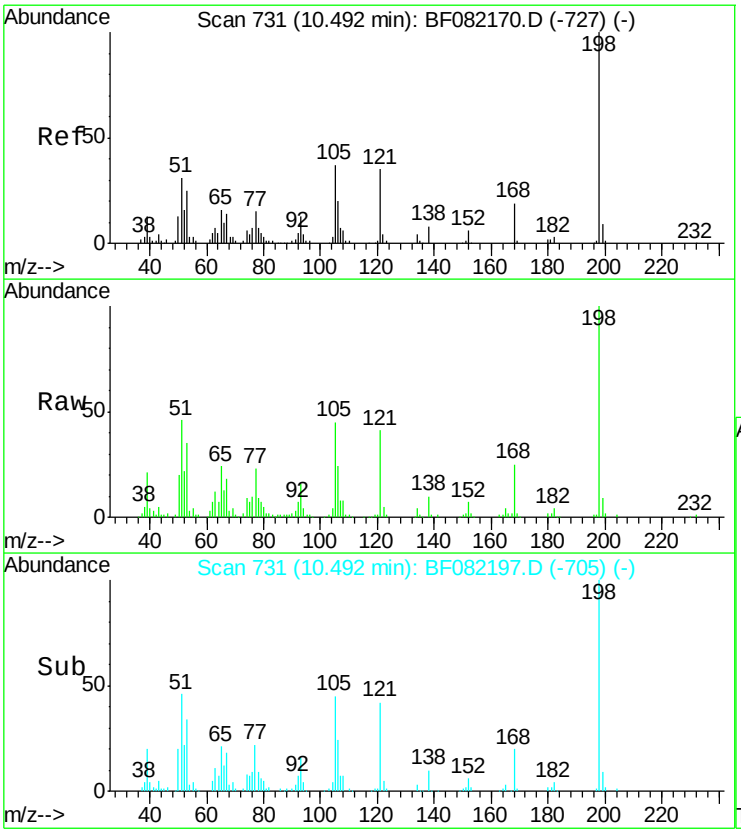
Tgt Ion:188 Resp: 371397

Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.6
80	8.4	6.4	9.6



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

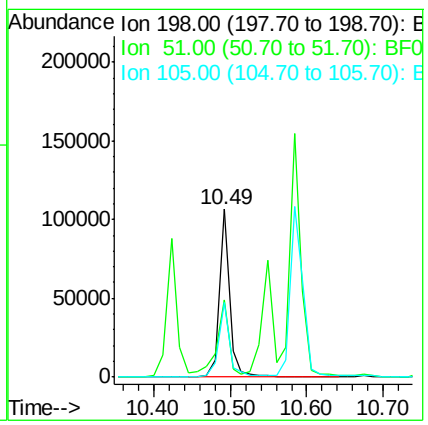
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

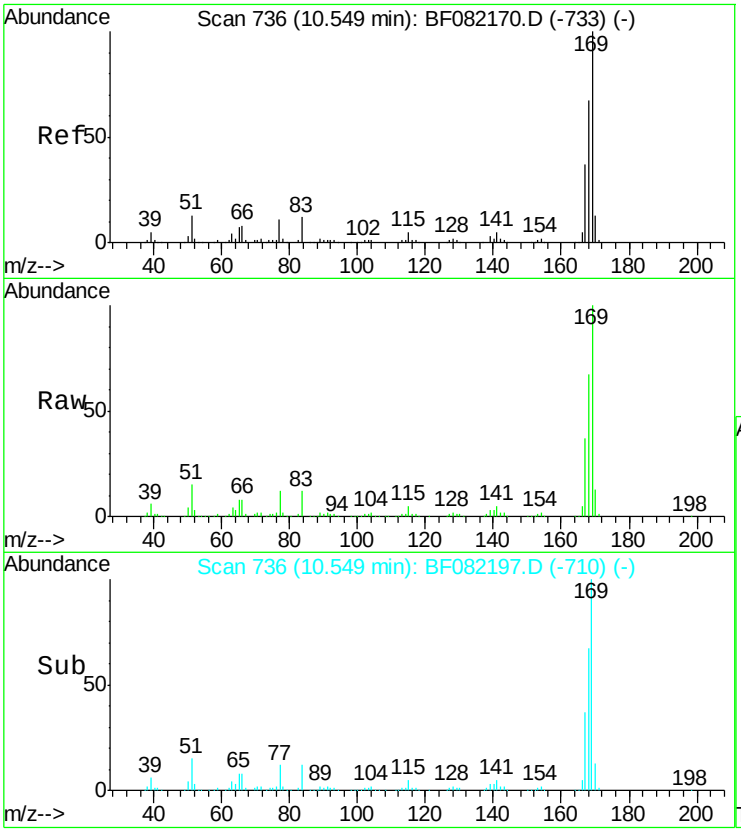


#64
4,6-Dinitro-2-methylphenol
Concen: 48.04 ng
RT: 10.49 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:198 Resp: 100129

Ion	Ratio	Lower	Upper
198	100		
51	46.3	13.6	53.6
105	44.8	17.1	57.1

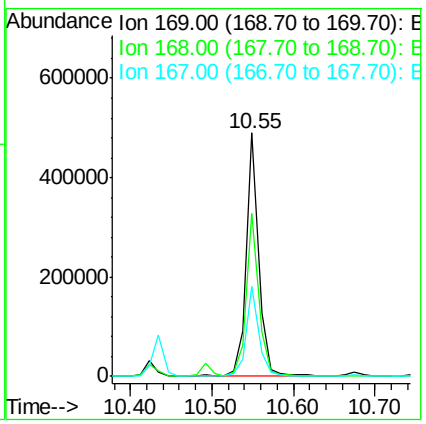




#65
n-Nitrosodiphenylamine
Concen: 46.16 ng
RT: 10.55 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

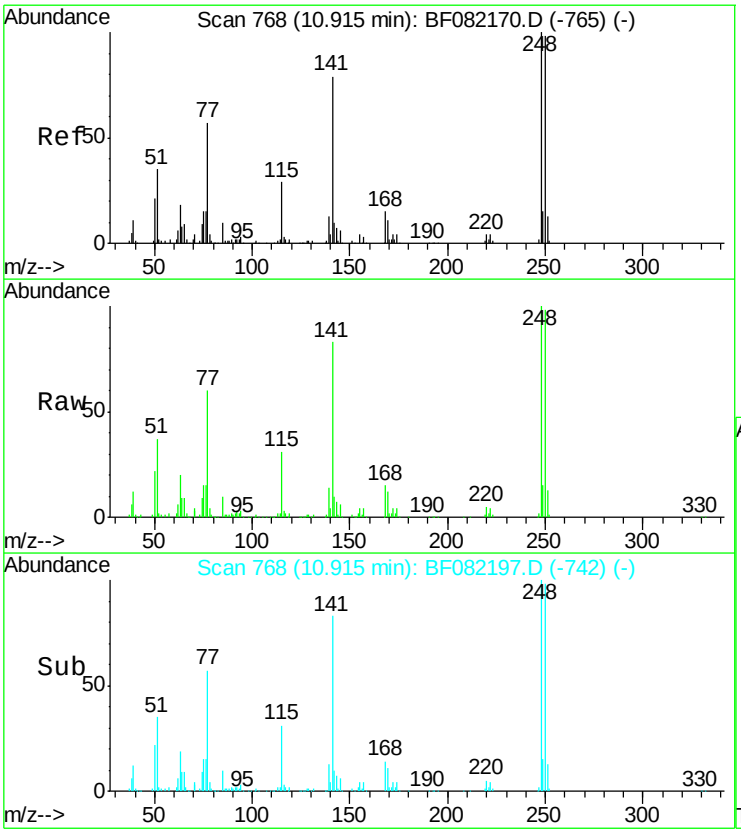
Tgt Ion:169 Resp: 513307

Ion	Ratio	Lower	Upper
169	100		
168	67.1	54.0	81.0
167	36.9	29.6	44.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

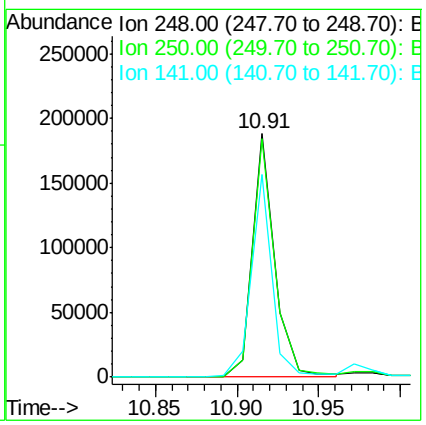
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

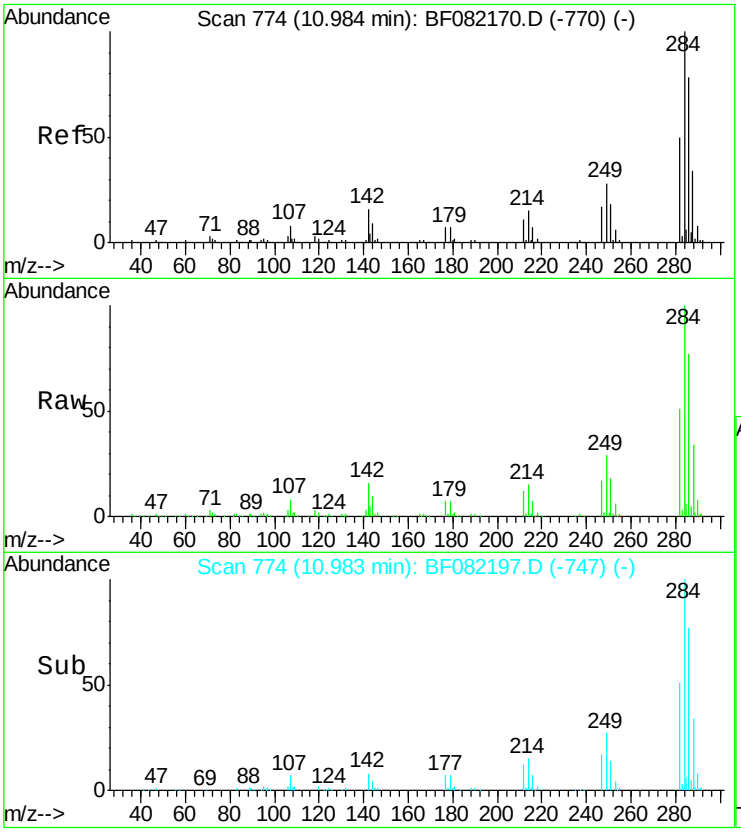


#66
4-Bromophenyl-phenylether
Concen: 48.24 ng
RT: 10.91 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:248 Resp: 179293

Ion	Ratio	Lower	Upper
248	100		
250	98.1	78.6	117.8
141	83.1	63.3	94.9

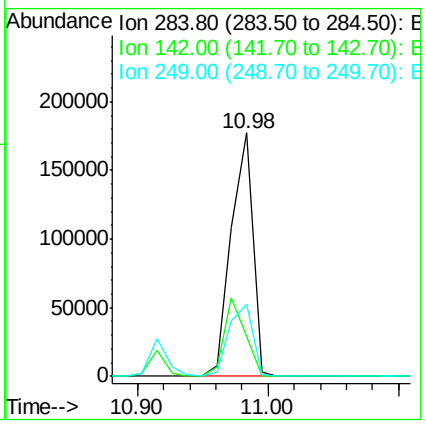




#67
Hexachlorobenzene
Concen: 50.92 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

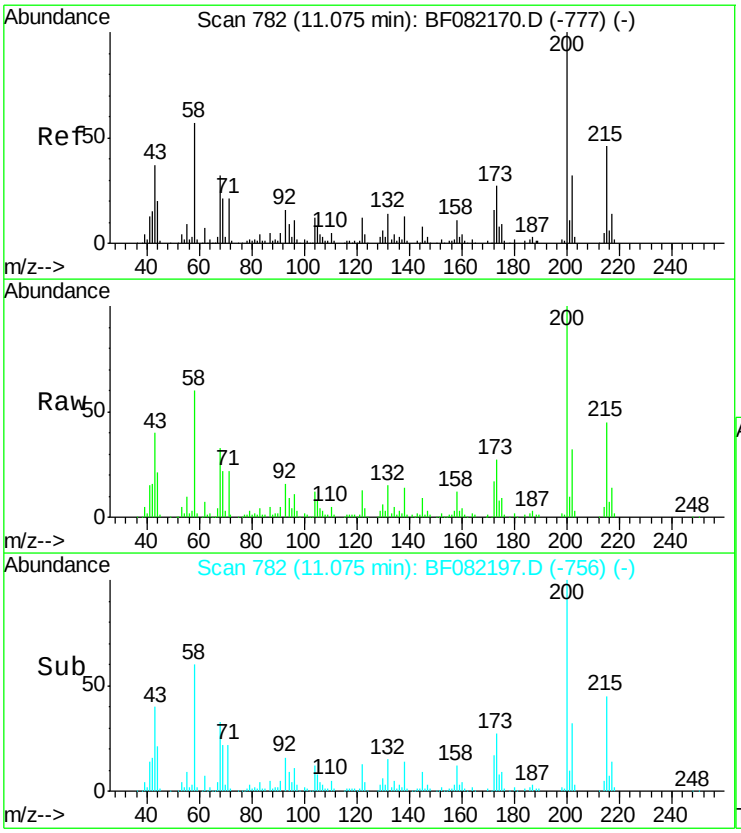
Tgt Ion:284 Resp: 204707

Ion	Ratio	Lower	Upper
284	100		
142	16.5	13.0	19.6
249	29.4	22.5	33.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

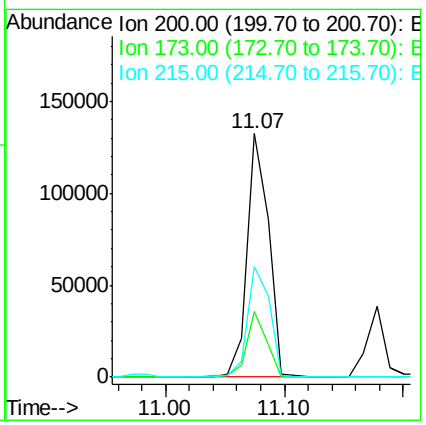
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

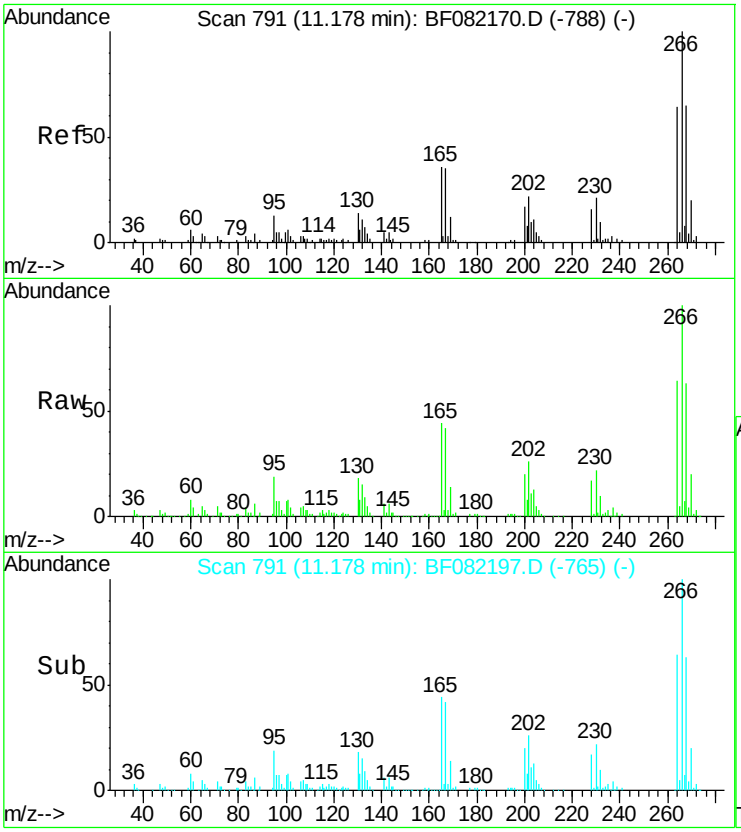


#68
Atrazine
Concen: 47.59 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:200 Resp: 167662

Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.3	47.3
215	45.3	26.2	66.2

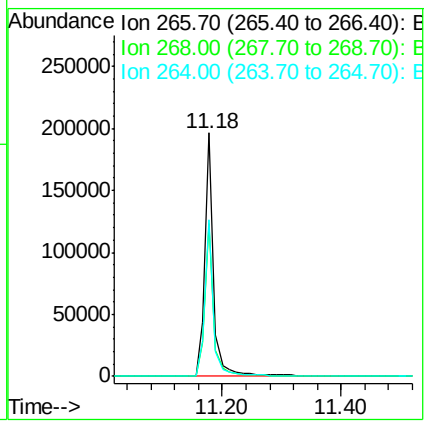




#69
Pentachlorophenol
Concen: 102.19 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

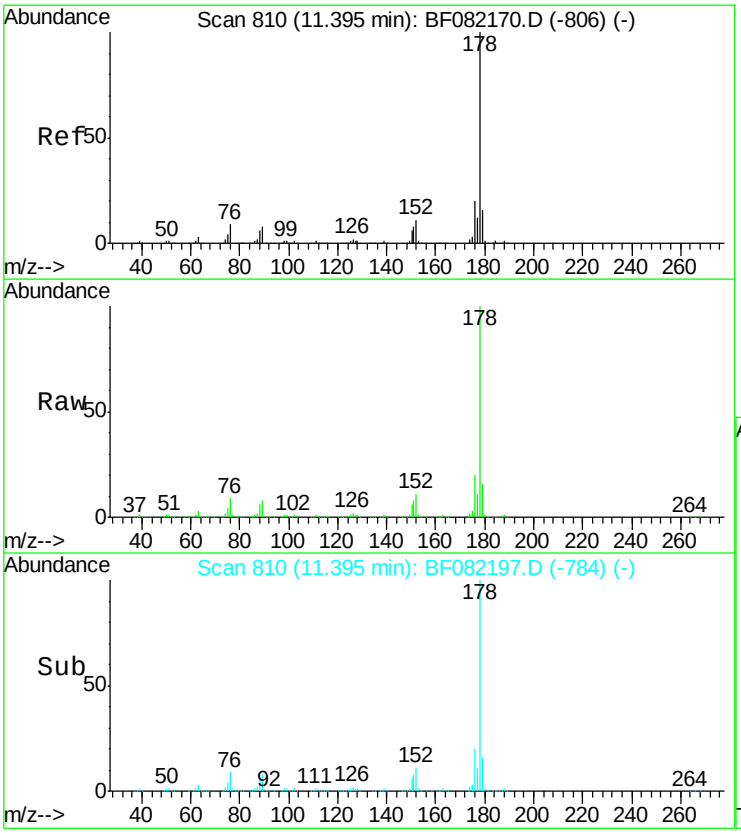
Tgt Ion:266 Resp: 211378

Ion	Ratio	Lower	Upper
266	100		
268	62.6	52.0	78.0
264	64.2	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

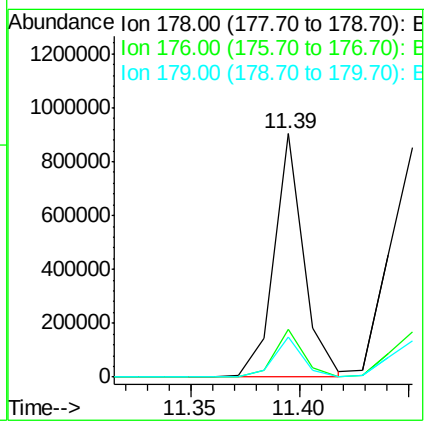
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

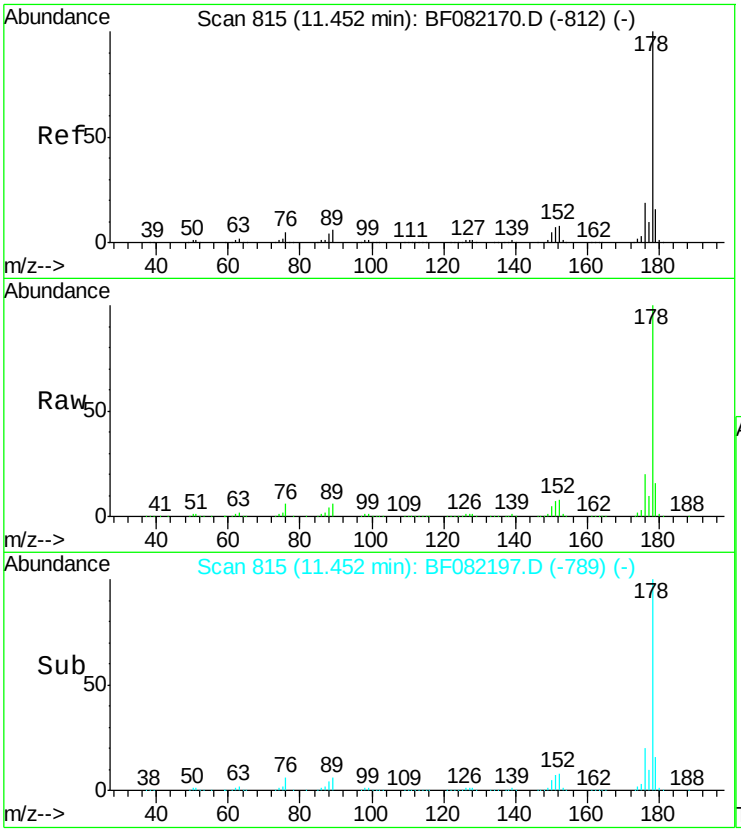


#70
Phenanthrene
Concen: 47.29 ng
RT: 11.39 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:178 Resp: 860962

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.3	12.6	19.0

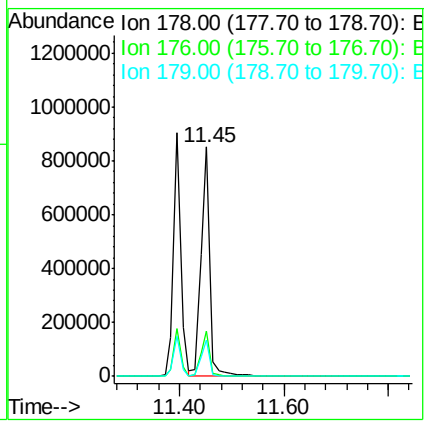




#71
Anthracene
Concen: 53.36 ng
RT: 11.45 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

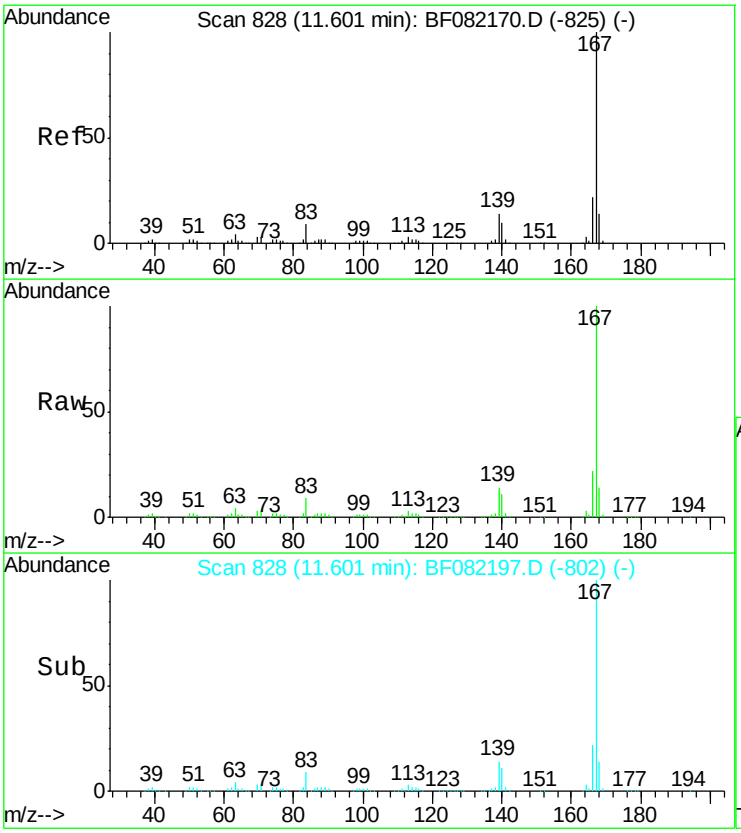
Tgt Ion:178 Resp: 1000972

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.6	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

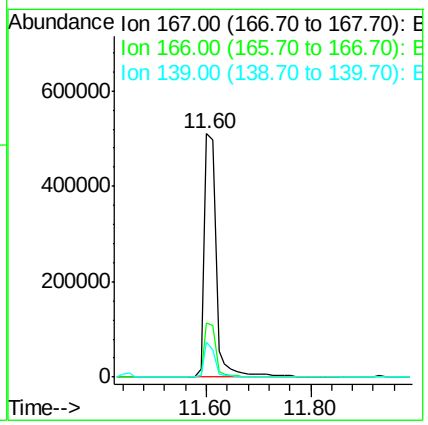
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

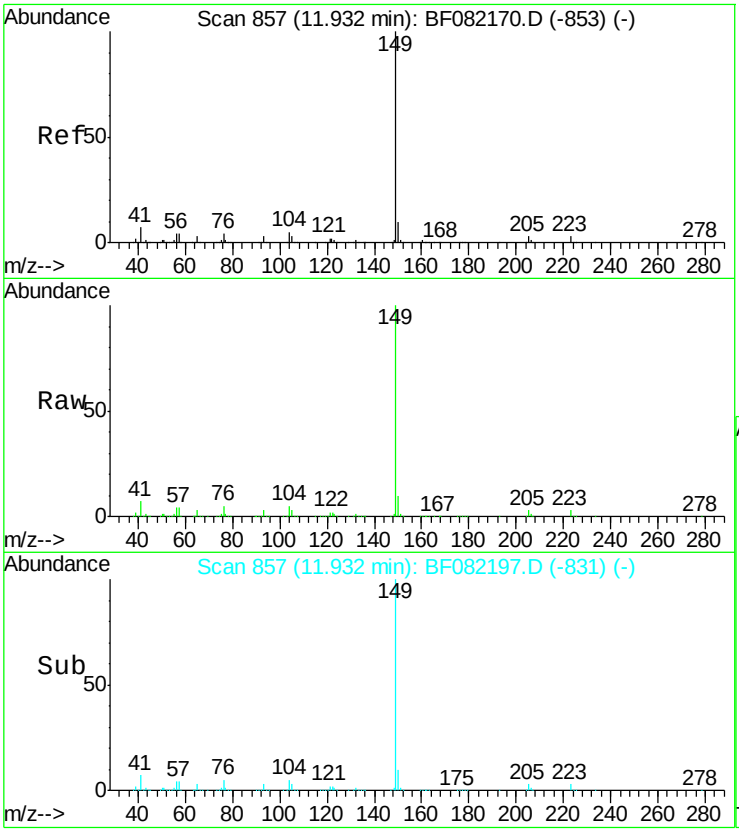


#72
Carbazole
Concen: 47.77 ng
RT: 11.60 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:167 Resp: 817545

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.3	25.9
139	14.1	11.2	16.8

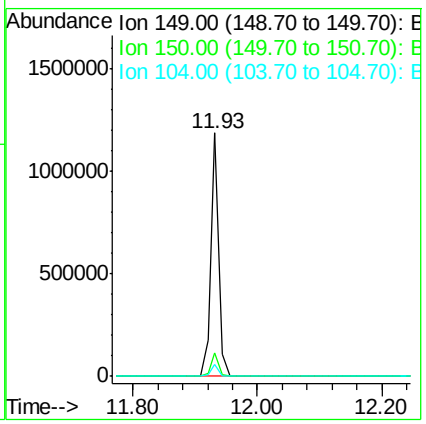




#73
Di-n-butylphthalate
Concen: 48.21 ng
RT: 11.93 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

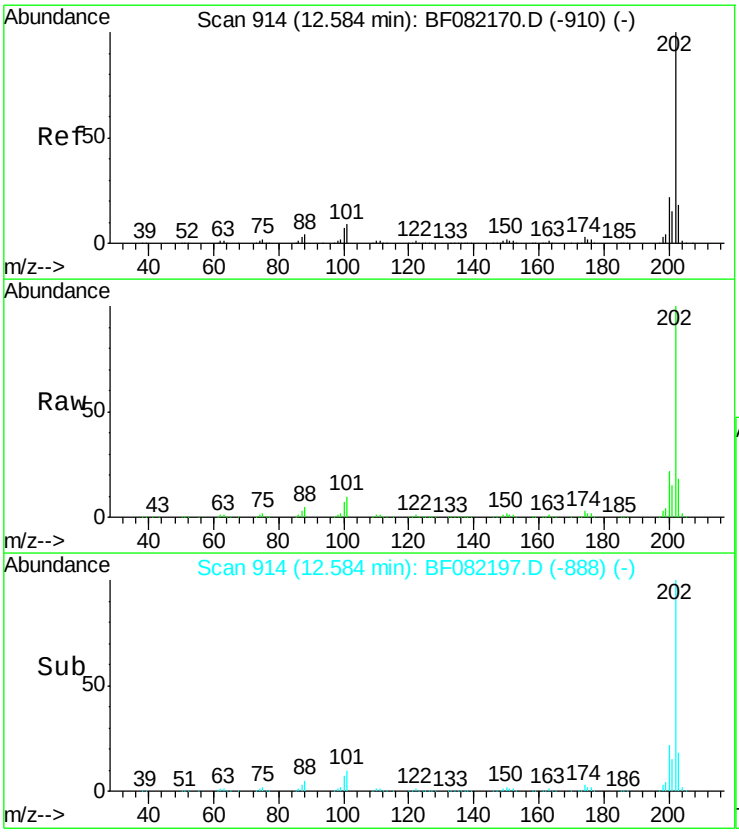
Tgt Ion:149 Resp: 1017726

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	4.9	3.8	5.8



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

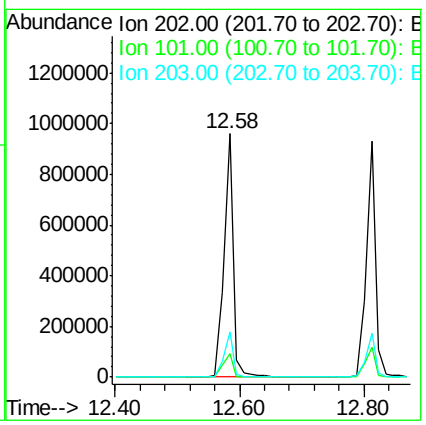
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

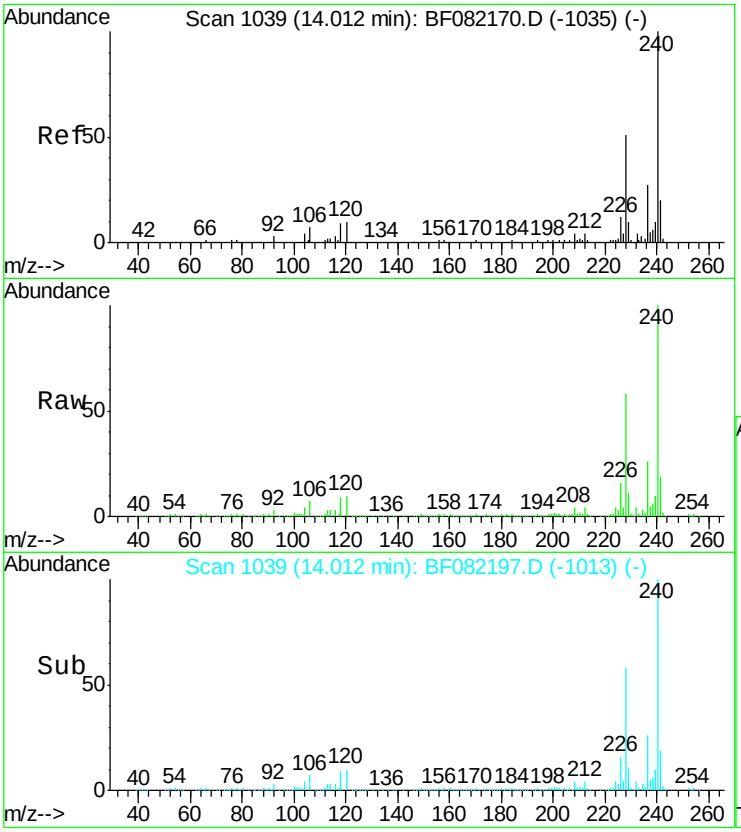


#74
Fluoranthene
Concen: 50.13 ng
RT: 12.58 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:202 Resp: 980214

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.3
203	18.4	0.0	37.8

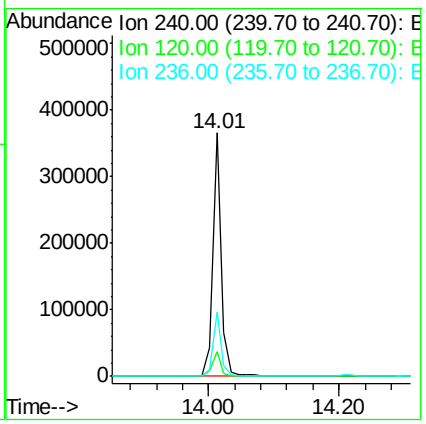




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

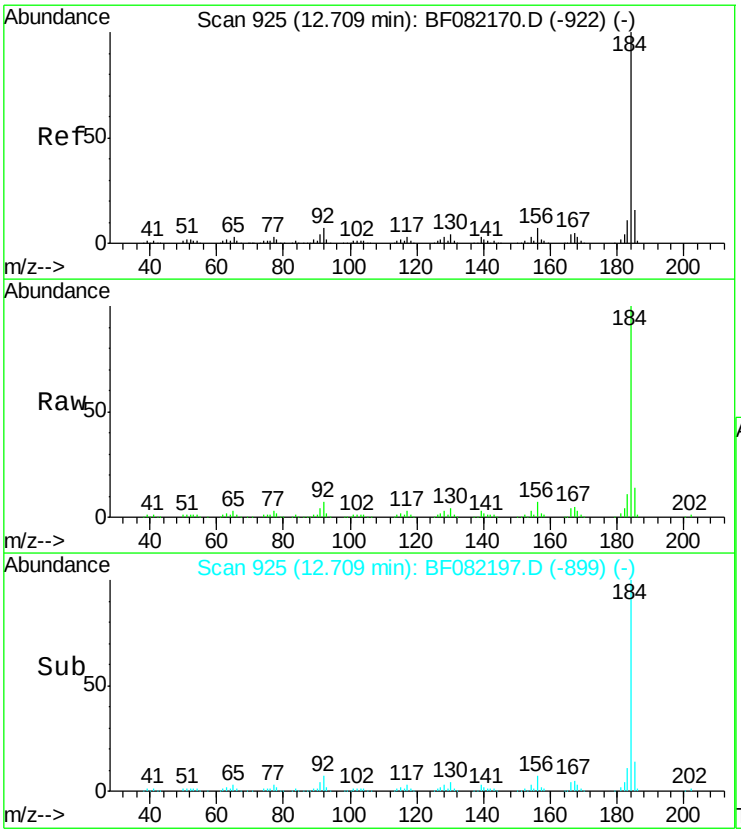
Tgt Ion:240 Resp: 341310

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	26.3	21.3	31.9



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

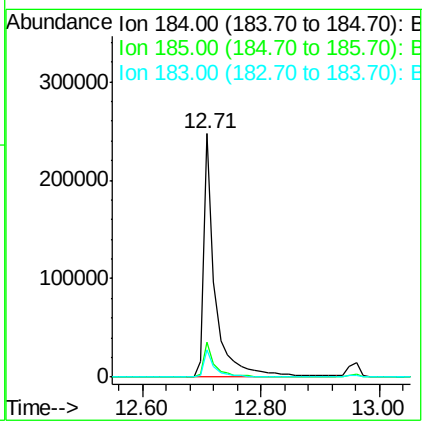
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

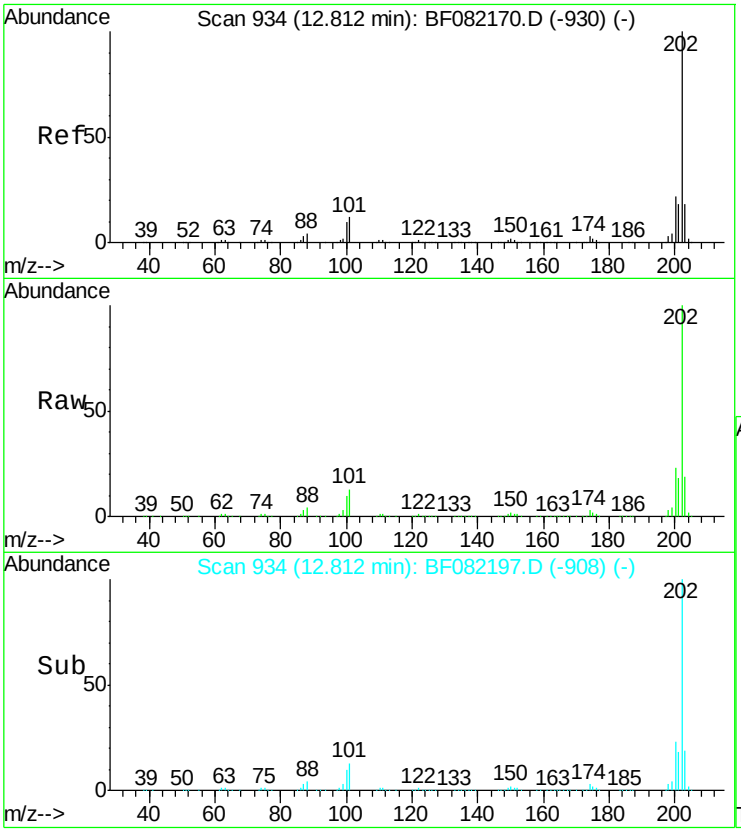


#76
Benzidine
Concen: 34.10 ng
RT: 12.71 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:184 Resp: 337247

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.5	18.7
183	11.5	9.1	13.7

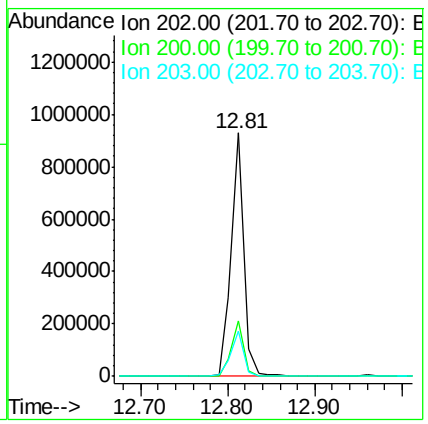




#77
Pyrene
Concen: 46.39 ng
RT: 12.81 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

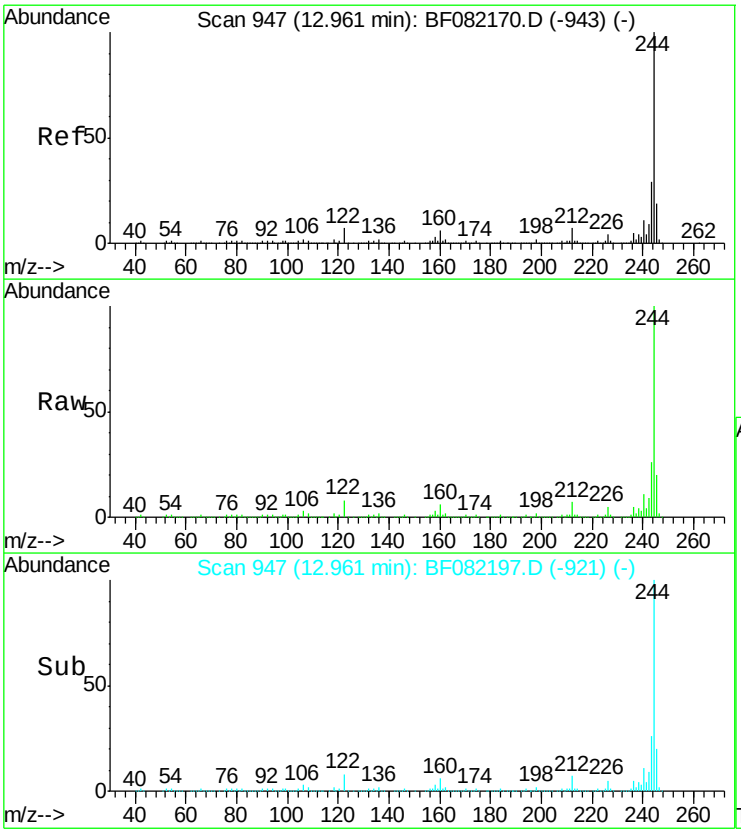
Tgt Ion:202 Resp: 939582

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.9	26.9
203	18.7	14.5	21.7



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

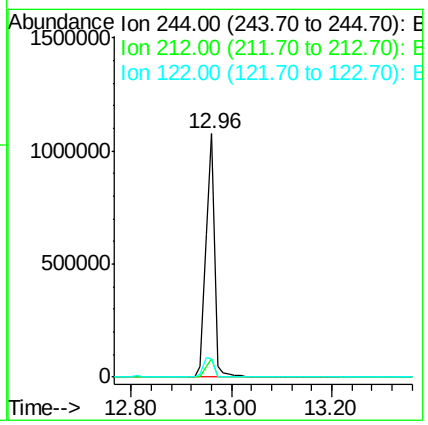
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

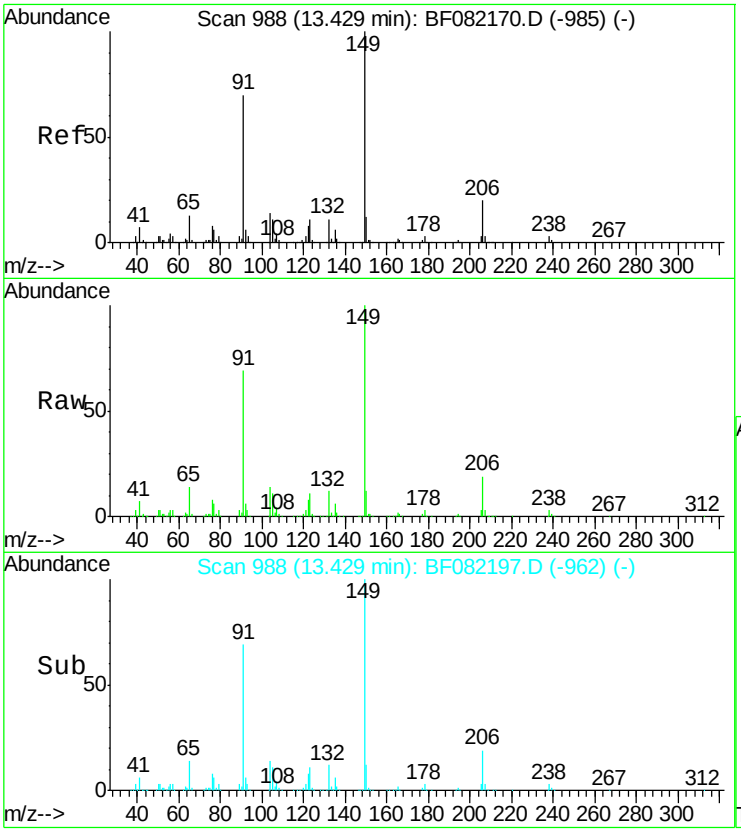


#78
Terphenyl-d14
Concen: 99.72 ng
RT: 12.96 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:244 Resp: 1284453

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.8	5.9	8.9

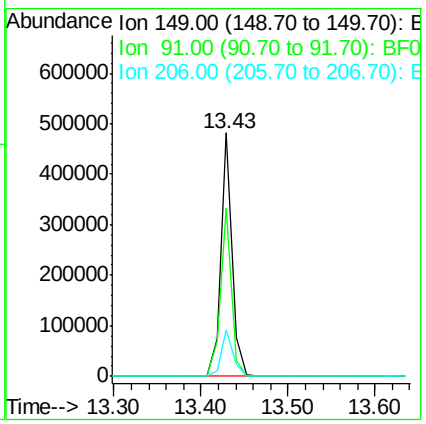




#79
Butylbenzylphthalate
Concen: 47.49 ng
RT: 13.43 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

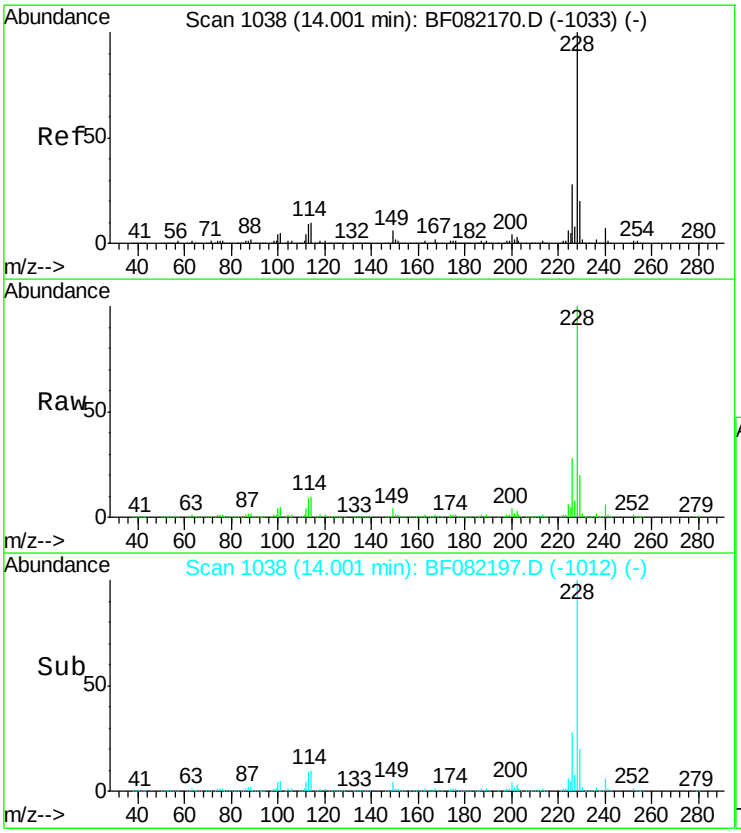
Tgt Ion:149 Resp: 439010

Ion	Ratio	Lower	Upper
149	100		
91	69.2	55.7	83.5
206	19.2	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

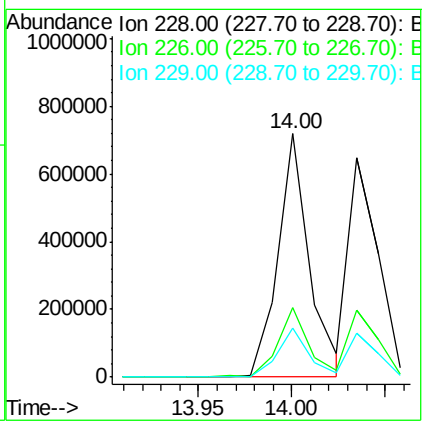
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

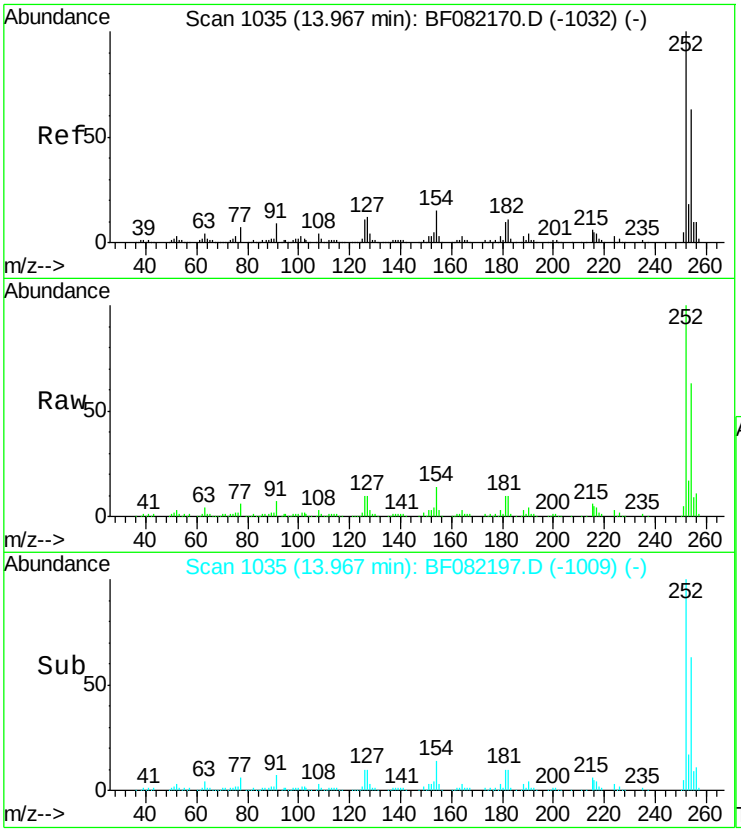


#80
Benzo(a)anthracene
Concen: 47.50 ng
RT: 14.00 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:228 Resp: 843608

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.3	33.5
229	20.4	16.2	24.2

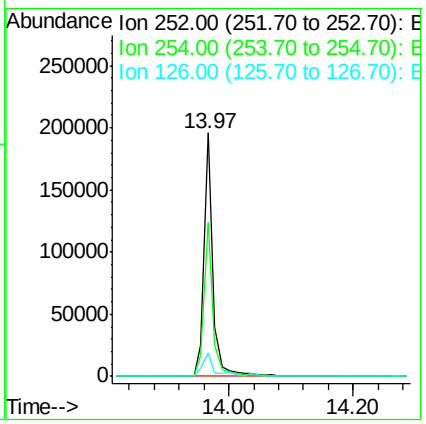




#81
3,3'-Dichlorobenzidine
Concen: 29.47 ng
RT: 13.97 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

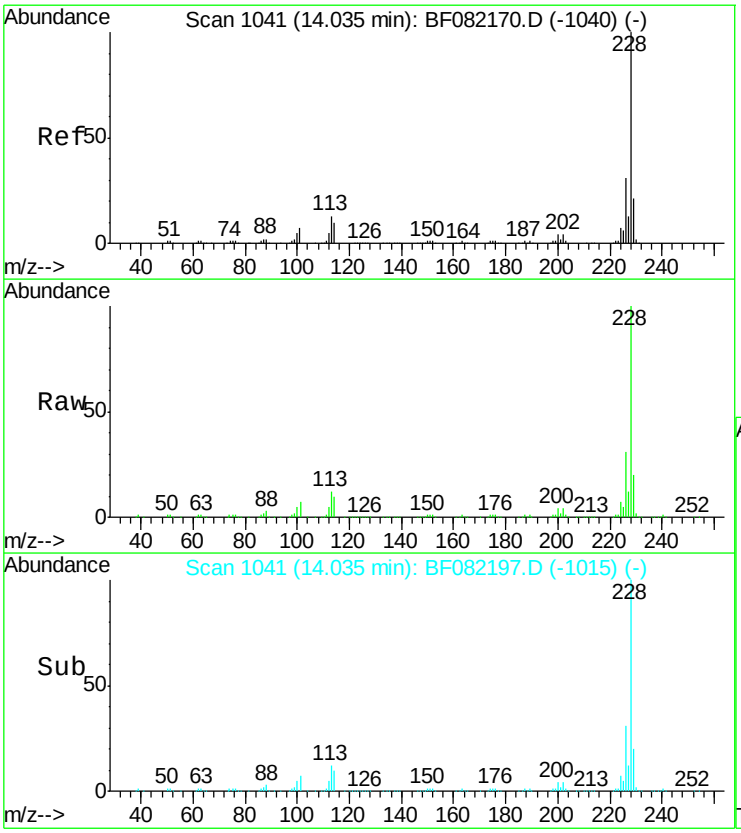
Tgt Ion:252 Resp: 198675

Ion	Ratio	Lower	Upper
252	100		
254	63.2	50.7	76.1
126	9.8	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

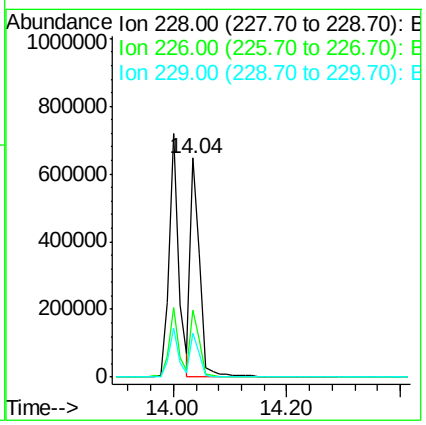
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

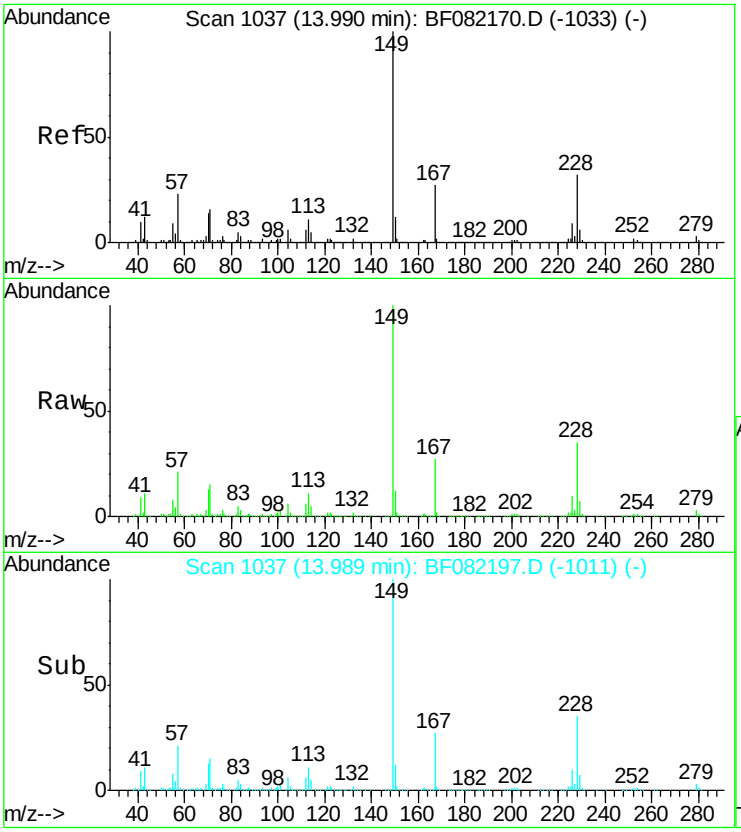


#82
Chrysene
Concen: 40.41 ng
RT: 14.04 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:228 Resp: 756077

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.3	16.3	24.5

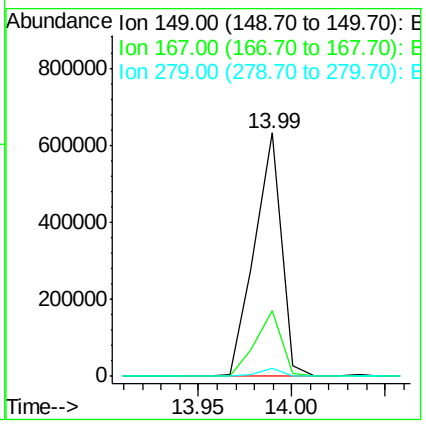




#83
Bis(2-ethylhexyl)phthalate
Concen: 48.75 ng
RT: 13.99 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

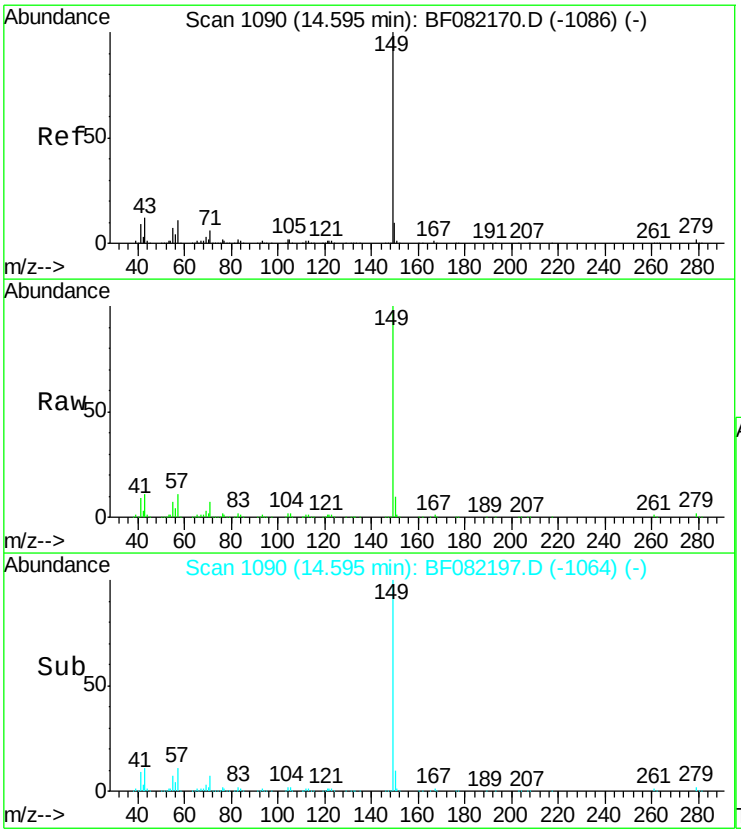
Tgt Ion:149 Resp: 642848

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.5	2.6	4.0



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

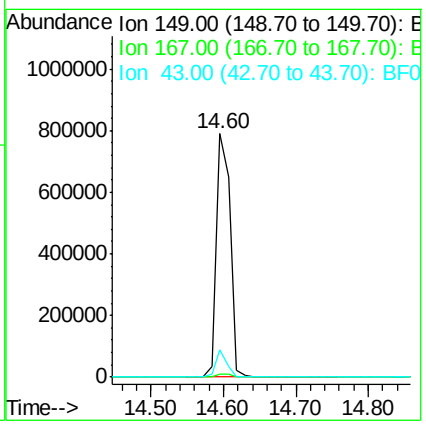
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

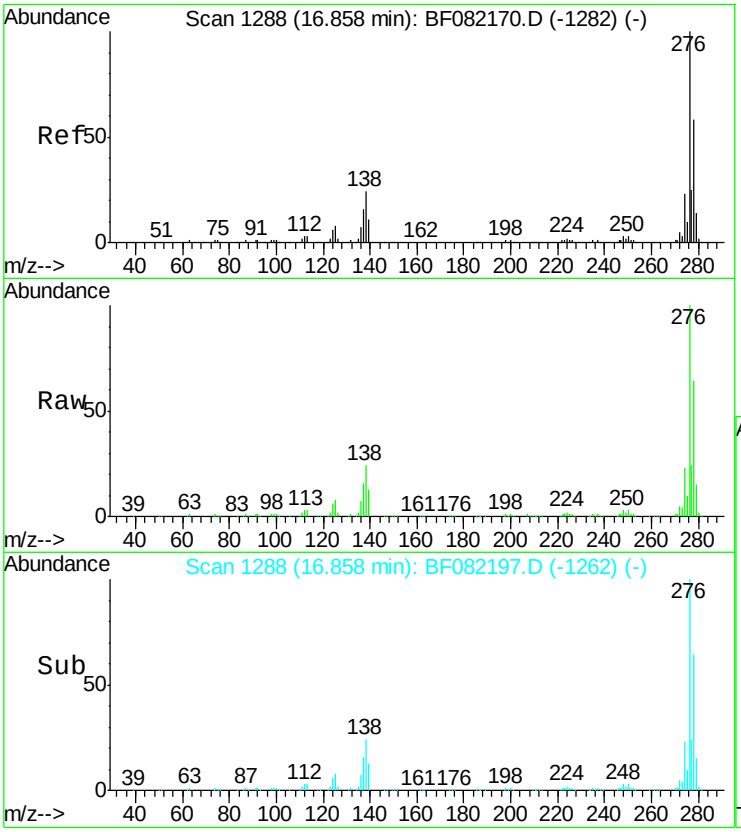


#84
Di-n-octyl phthalate
Concen: 45.64 ng
RT: 14.60 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:149 Resp: 1033648

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.4	11.2

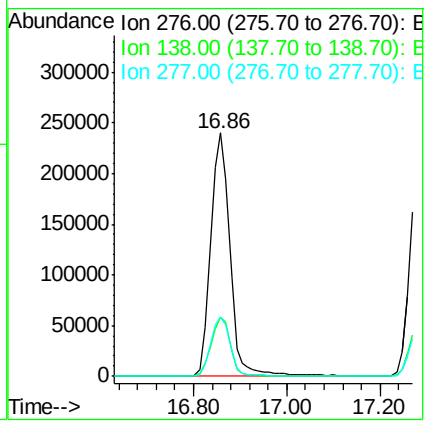




#85
Indeno(1,2,3-cd)pyrene
Concen: 46.67 ng
RT: 16.86 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

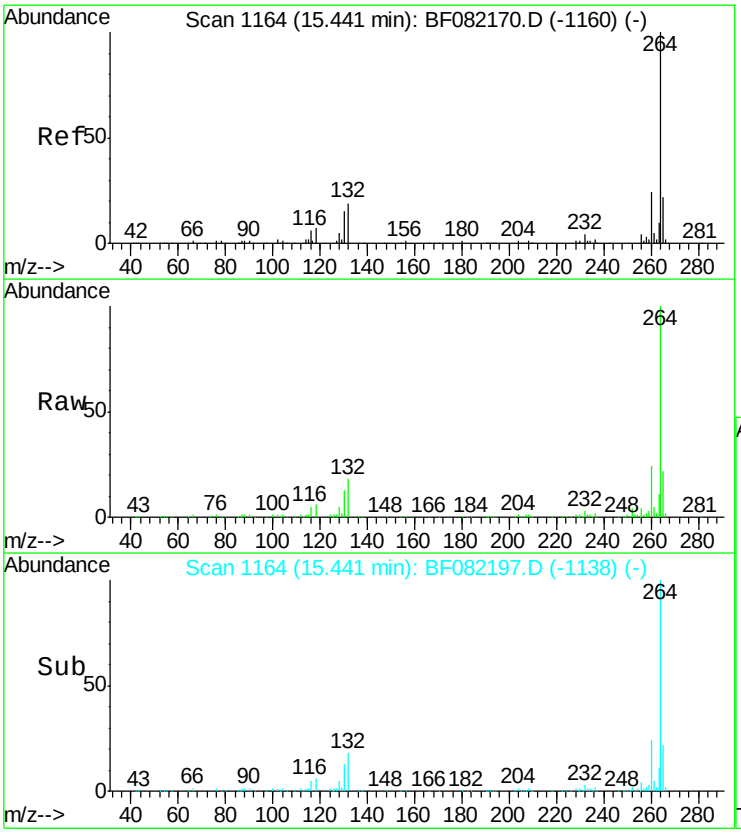
Tgt Ion:276 Resp: 694160

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.7	29.5
277	25.0	20.1	30.1



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

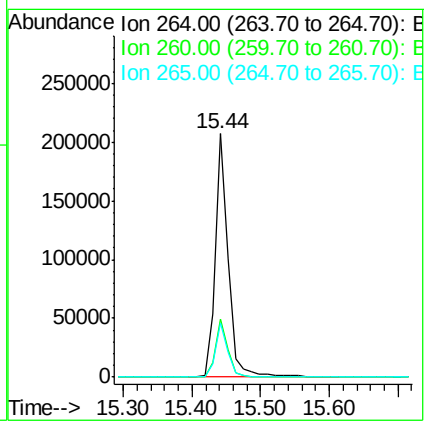
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

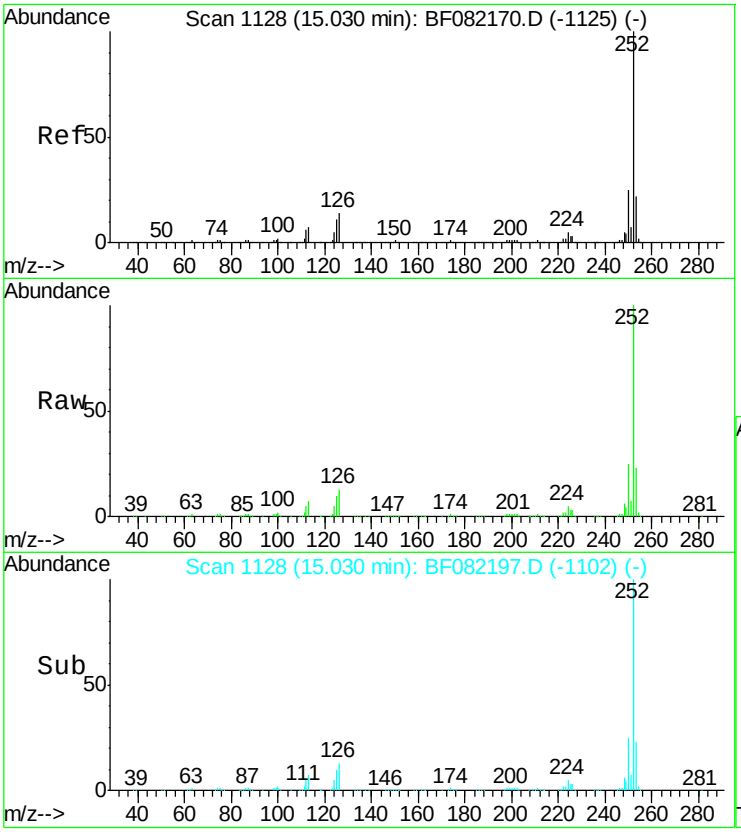


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:264 Resp: 276311

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.0	17.3	25.9

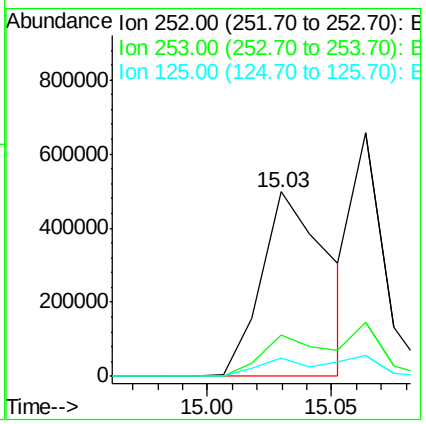




#87
Benzo(b)fluoranthene
Concen: 55.05 ng m
RT: 15.03 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

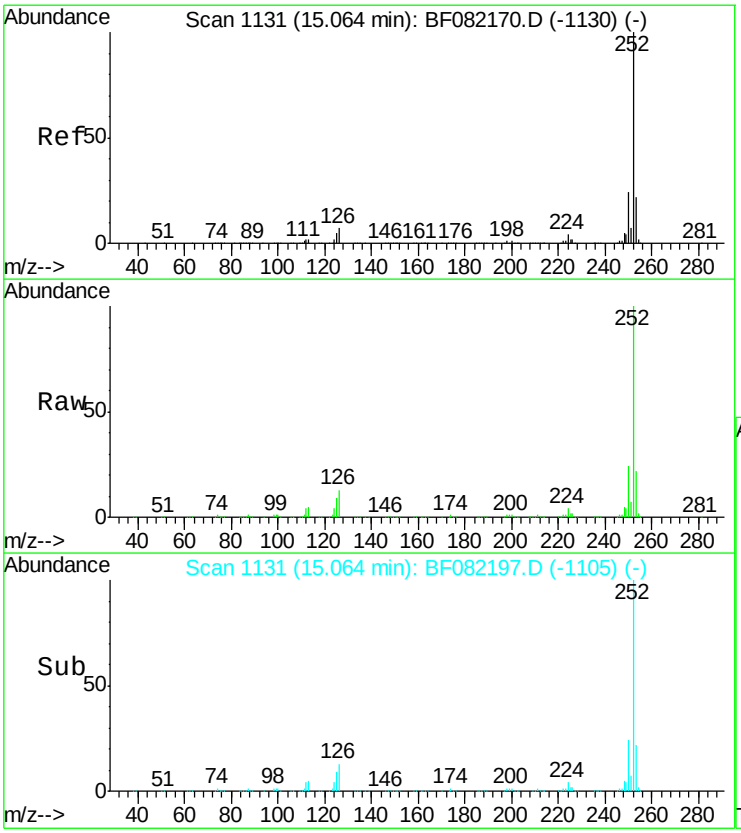
Tgt Ion:252 Resp: 925465

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.2	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

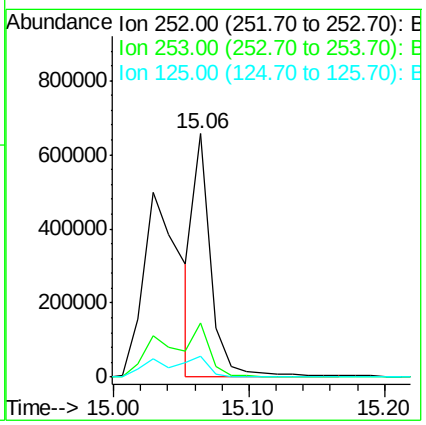
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

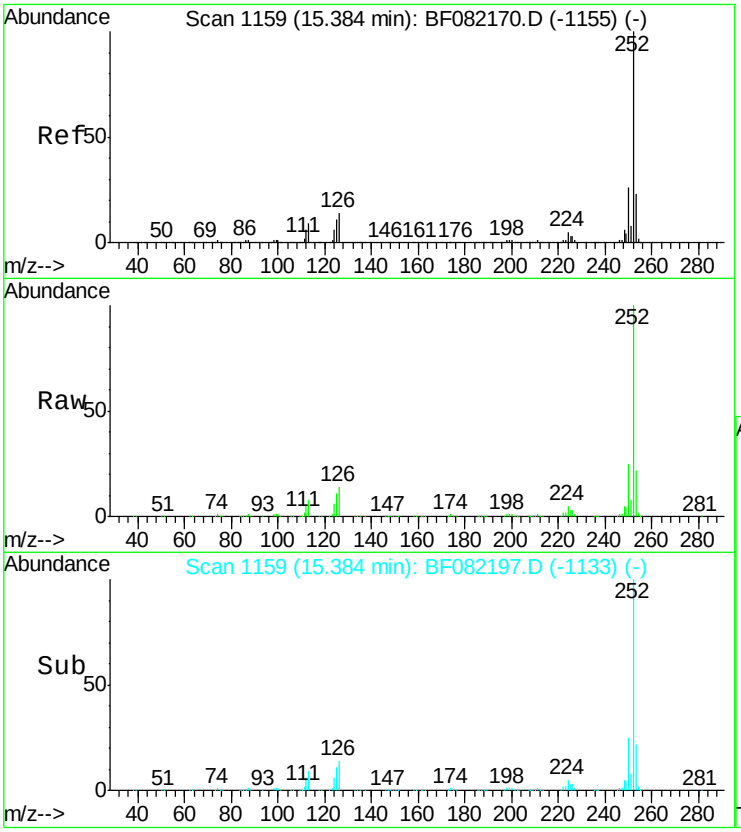


#88
Benzo(k)fluoranthene
Concen: 42.37 ng m
RT: 15.06 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:252 Resp: 598661

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	8.6	6.7	10.1

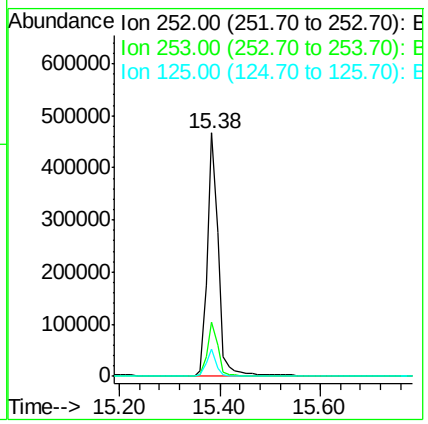




#89
Benzo(a)pyrene
Concen: 48.65 ng
RT: 15.38 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

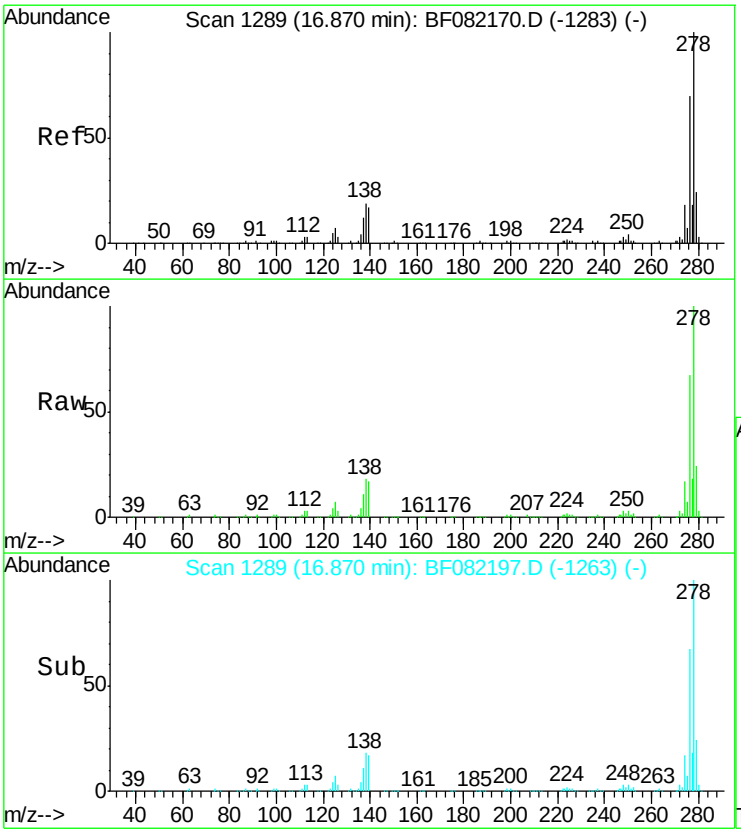
Tgt Ion:252 Resp: 702824

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.2	8.9	13.3



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

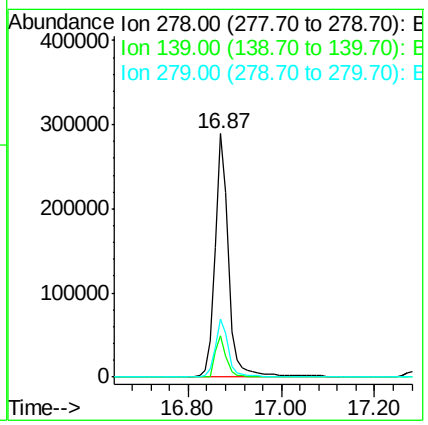
Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM

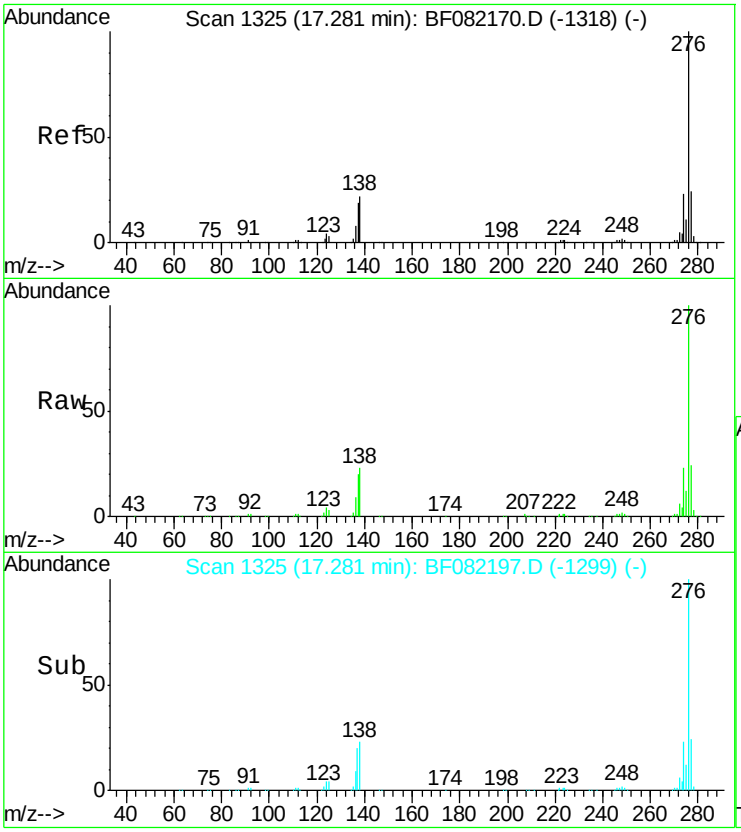


#90
Dibenzo(a,h)anthracene
Concen: 49.37 ng
RT: 16.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:278 Resp: 584455

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.3	19.9
279	24.0	18.9	28.3

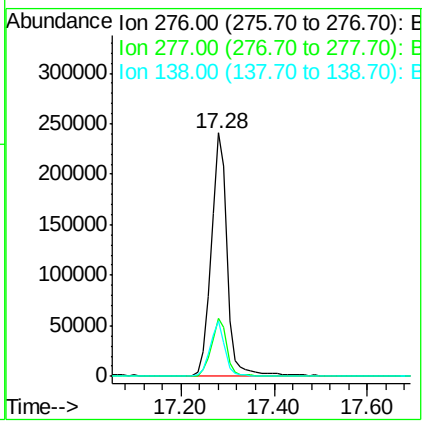




#91
Benzo(g,h,i)perylene
Concen: 48.98 ng
RT: 17.28 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF082197.D
Acq: 11 Oct 2015 1:42

Tgt Ion:276 Resp: 563382

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.8	28.2
138	22.7	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(1.5-02)MS

Manual Integrations APPROVED
MMDadoda
10/12/2015 2:35:44 PM