Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081810.D
Acq On : 25 Sep 2015 18:54
Operator : UM/IZ
Sample : G3753-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

Quant Time: Sep 26 05:46:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	154250	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	576014	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	277005	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	487519	20.00	ng		0.00
75) Chrysene-d12	14.12	240	330147	20.00	ng		0.00
86) Perylene-d12	15.59	264	350617	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1053016	115.49	ng		0.01
7) Phenol-d6	6.57	99	1236906	107.25	ng		0.00
23) Nitrobenzene-d5	7.52	82	890595	102.01	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	378285	157.30	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1502574	89.04	ng		0.00
78) Terphenyl-d14	13.06	244	1160513	80.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	113153	25.07	ng		89
3) Pyridine	3.43	79	43572	3.42	ng		89
4) n-Nitrosodimethylamine	3.35	42	175897	29.28	ng		99
6) Aniline	6.61	93	217358	12.59	ng		92
8) 2-Chlorophenol	6.73	128	373433	37.17	ng		95
9) Benzaldehyde	6.49	77	128124	18.79	ng	#	79
10) Phenol	6.58	94	377445	28.18	ng	#	62
11) bis(2-Chloroethyl)ether	6.69	93	368081	37.47	ng		97
12) 1,3-Dichlorobenzene	6.89	146	398187	33.49	ng		97
13) 1,4-Dichlorobenzene	6.96	146	384071m	31.93	ng		
14) 1,2-Dichlorobenzene	7.12	146	396394	35.42	ng		97
15) Benzyl Alcohol	7.09	79	300746	33.07	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.22	45	546505	32.52	ng		89
17) 2-Methylphenol	7.20	107	306674	36.14	ng	#	89
18) Hexachloroethane	7.46	117	142867	36.47	ng	#	75
19) n-Nitroso-di-n-propylamine	7.36	70	245279	31.90	ng	#	80
20) 3+4-Methylphenols	7.35	107	347947	32.64	ng	#	77
22) Acetophenone	7.36	105	475465	37.64	ng	#	84
24) Nitrobenzene	7.53	77	352689	36.21	ng	#	67
25) Isophorone	7.77	82	706725	36.54	ng	#	90
26) 2-Nitrophenol	7.85	139	204799	57.89	ng	#	81
27) 2,4-Dimethylphenol	7.89	122	363646	41.46	ng	#	84
28) bis(2-Chloroethoxy)methane	7.99	93	453016	40.10	ng	#	94
29) 2,4-Dichlorophenol	8.09	162	338125	41.41	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	332309	36.26	ng		98
31) Naphthalene	8.25	128	1024277	38.55	ng		97
32) Benzoic acid	7.97	122	101529	59.45	ng	#	66
33) 4-Chloroaniline	8.31	127	184311	15.80	ng	#	97
34) Hexachlorobutadiene	8.37	225	207930	38.47	ng		96
35) Caprolactam	8.67	113	83127	38.10	ng	#	77
36) 4-Chloro-3-methylphenol	8.78	107	292180	35.71	ng	#	80
37) 2-Methylnaphthalene	8.95	142	733541	38.74	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	320605	36.26	ng		99
40) Hexachlorocyclopentadiene	9.10	237	317516	83.80	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081810.D
Acq On : 25 Sep 2015 18:54
Operator : UM/IZ
Sample : G3753-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

Quant Time: Sep 26 05:46:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	253076	43.44	ng		100
43) 2,4,5-Trichlorophenol	9.26	196	229849	40.10	ng	#	92
45) 1,1'-Biphenyl	9.42	154	902853	41.68	ng		94
46) 2-Chloronaphthalene	9.44	162	704833	40.45	ng		95
47) 2-Nitroaniline	9.53	65	194425	41.96	ng	#	75
48) Acenaphthylene	9.85	152	983892	33.37	ng		95
49) Dimethylphthalate	9.71	163	1026515	48.70	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	171971	42.27	ng	#	47
51) Acenaphthene	10.02	154	633947	37.31	ng		88
52) 3-Nitroaniline	9.94	138	136786	31.00	ng	#	67
53) 2,4-Dinitrophenol	10.05	184	99317	100.50	ng	#	53
54) Dibenzofuran	10.19	168	901677	36.17	ng	#	86
55) 4-Nitrophenol	10.10	139	299446	98.40	ng	#	80
56) 2,4-Dinitrotoluene	10.18	165	234034	48.05	ng	#	83
57) Fluorene	10.54	166	644088	33.67	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.31	232	197176	45.07	ng		98
59) Diethylphthalate	10.41	149	762773	37.36	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	345499	39.34	ng		91
61) 4-Nitroaniline	10.56	138	154032	35.93	ng	#	58
62) Azobenzene	10.70	77	768263	36.81	ng		92
64) 4,6-Dinitro-2-methylphenol	10.58	198	89638	65.56	ng		80
65) n-Nitrosodiphenylamine	10.65	169	616992	37.53	ng		91
66) 4-Bromophenyl-phenylether	11.03	248	228698	42.13	ng	#	81
67) Hexachlorobenzene	11.09	284	251668	44.44	ng	#	84
68) Atrazine	11.18	200	193028	39.27	ng		84
69) Pentachlorophenol	11.28	266	267849	85.16	ng		98
70) Phenanthrene	11.51	178	1069524	38.37	ng		97
71) Anthracene	11.55	178	993715	37.00	ng		96
72) Carbazole	11.70	167	892336	35.79	ng		94
73) Di-n-butylphthalate	12.03	149	1144471	37.71	ng	#	96
74) Fluoranthene	12.69	202	981036	34.93	ng		93
77) Pyrene	12.93	202	1022225	41.07	ng		96
79) Butylbenzylphthalate	13.54	149	436899	44.04	ng	#	88
80) Benzo(a)anthracene	14.10	228	764186	38.17	ng		95
81) 3,3'-Dichlorobenzidine	14.07	252	55674	8.76	ng	#	95
82) Chrysene	14.15	228	764999m	39.84	ng		
83) Bis(2-ethylhexyl)phthalate	14.09	149	563005	46.81	ng	#	91
84) Di-n-octyl phthalate	14.71	149	944995	53.43	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.06	276	837822	47.67	ng	#	87
87) Benzo(b)fluoranthene	15.17	252	882018	42.42	ng	#	85
88) Benzo(k)fluoranthene	15.19	252	612851m	30.60	ng		
89) Benzo(a)pyrene	15.53	252	737329	39.28	ng	#	86
90) Dibenzo(a,h)anthracene	17.09	278	670847	34.29	ng	#	81
91) Benzo(g,h,i)perylene	17.52	276	679668	33.70	ng	#	74

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

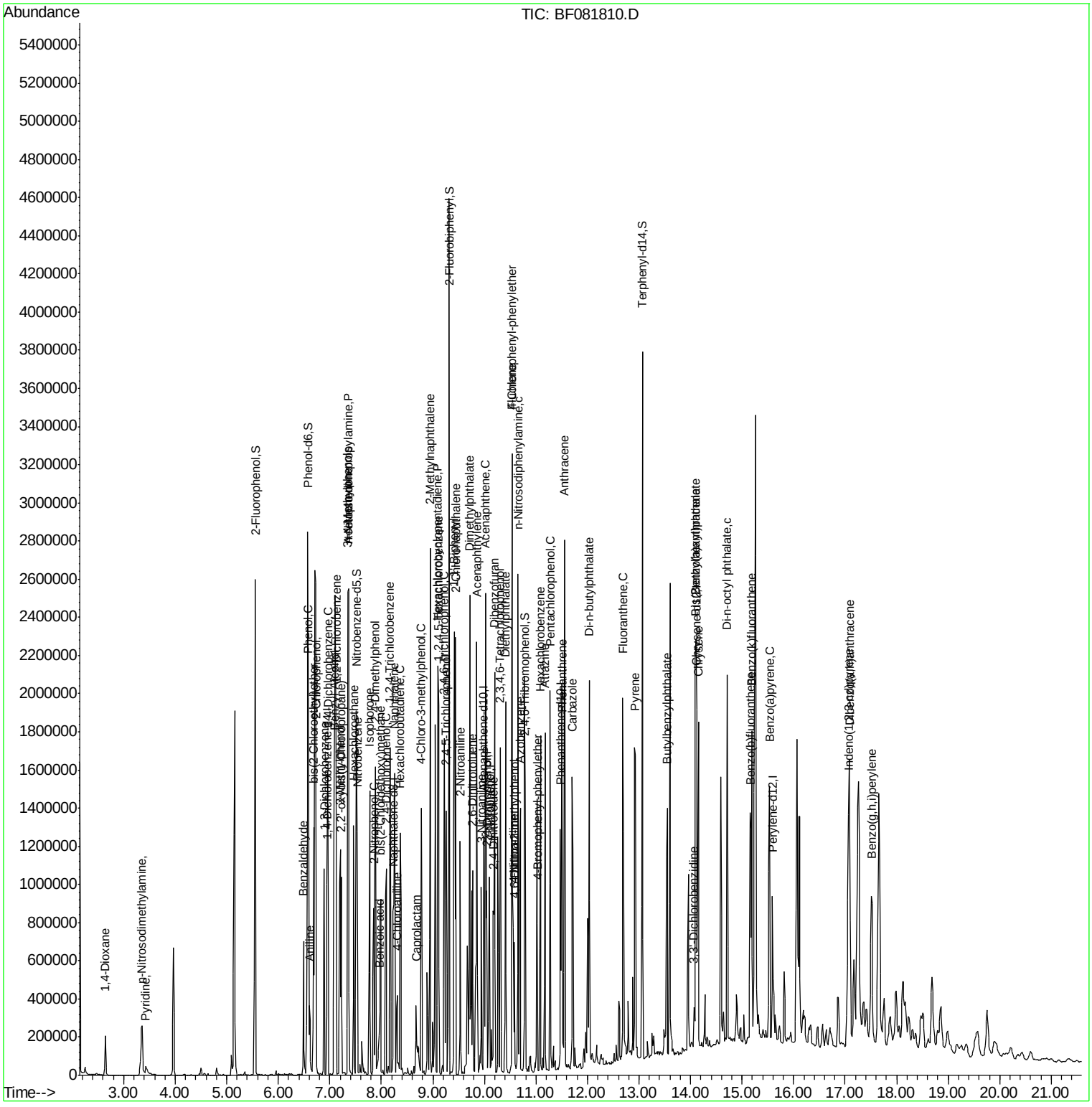
Quantitation Report (QT Reviewed)

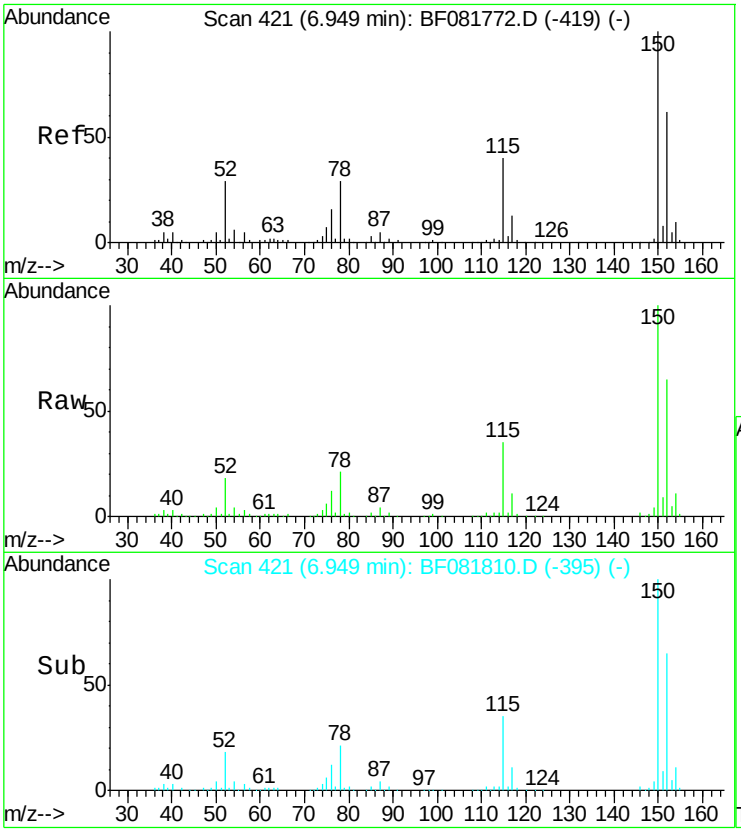
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081810.D
Acq On : 25 Sep 2015 18:54
Operator : UM/IZ
Sample : G3753-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 26 05:46:23 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

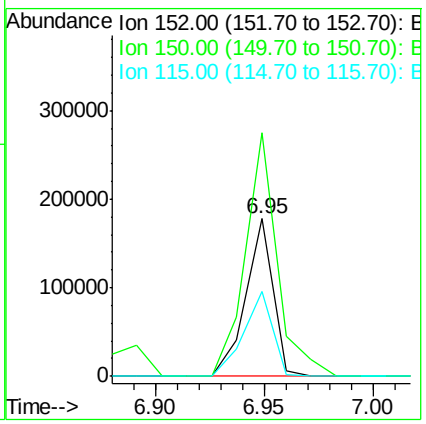




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

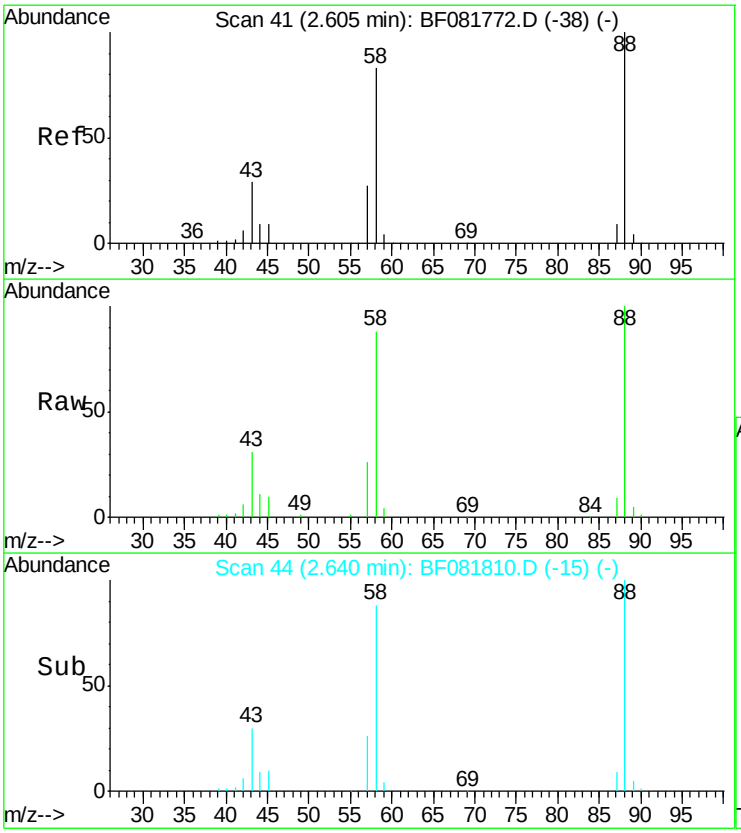
Tgt Ion:152 Resp: 154250

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.7	187.1
115	54.1	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
SP-1MS

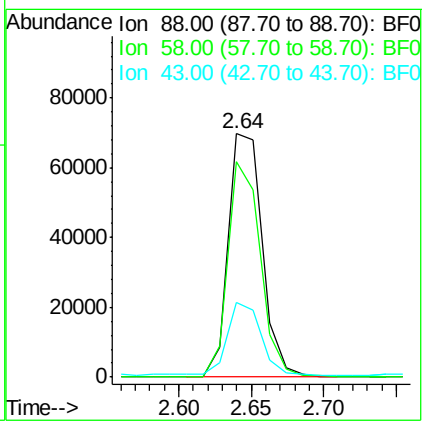
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

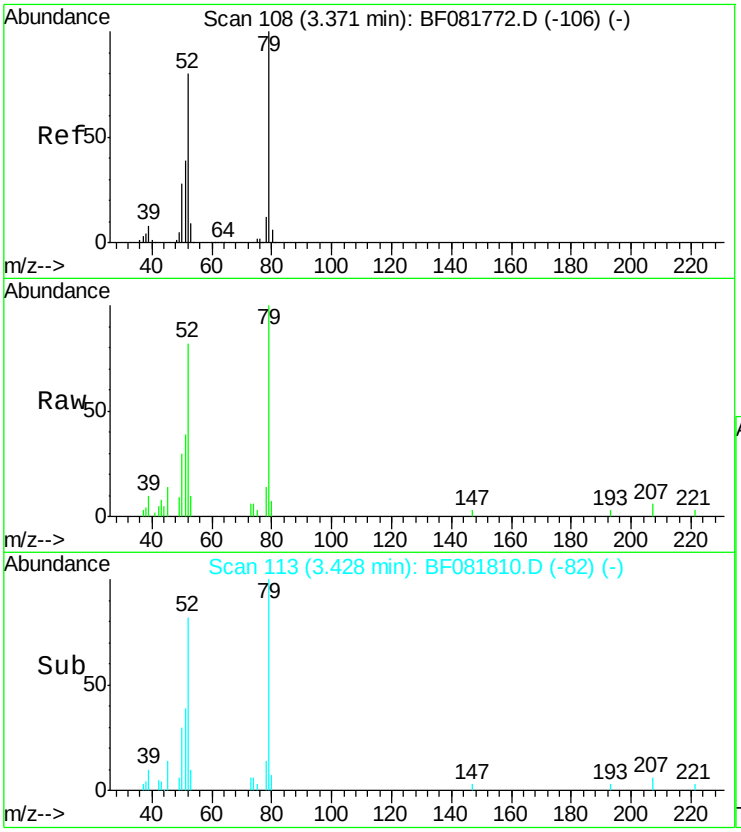


#2
1,4-Dioxane
Concen: 25.07 ng
RT: 2.64 min Scan# 44
Delta R.T. 0.03 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 88 Resp: 113153

Ion	Ratio	Lower	Upper
88	100		
58	84.6	77.7	116.5
43	30.4	26.6	40.0

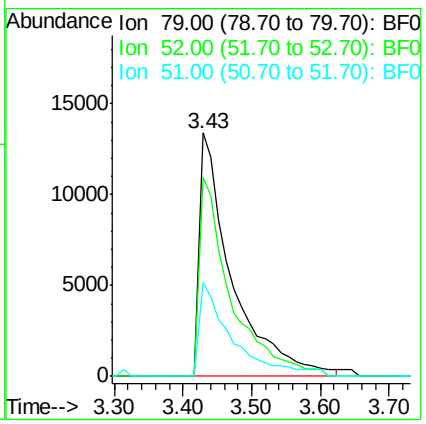




#3
Pyridine
Concen: 3.42 ng
RT: 3.43 min Scan# 113
Delta R.T. 0.06 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

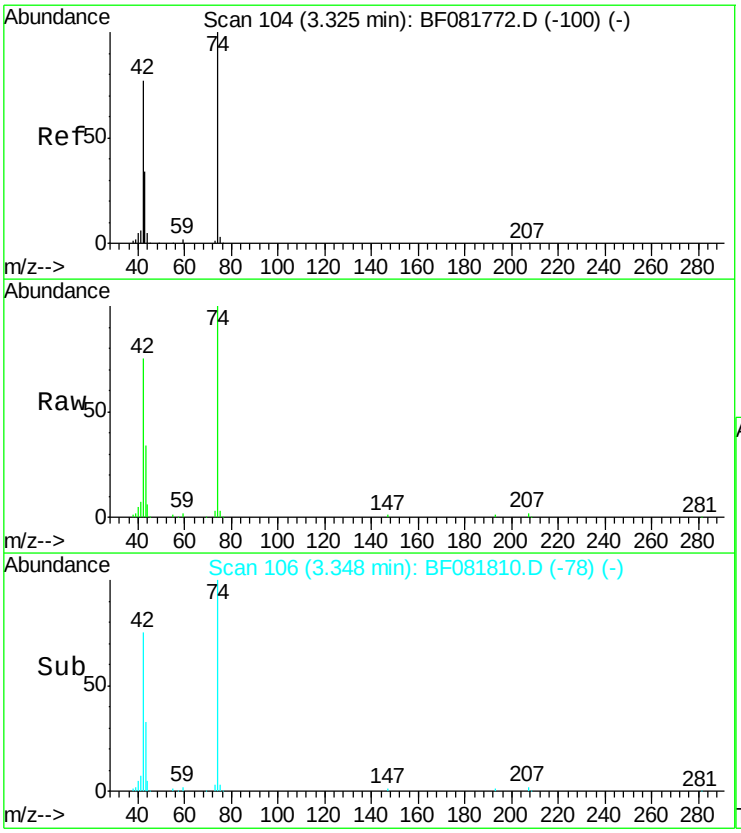
Tgt Ion: 79 Resp: 43572

Ion	Ratio	Lower	Upper
79	100		
52	81.7	76.8	115.2
51	38.6	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
SP-1MS

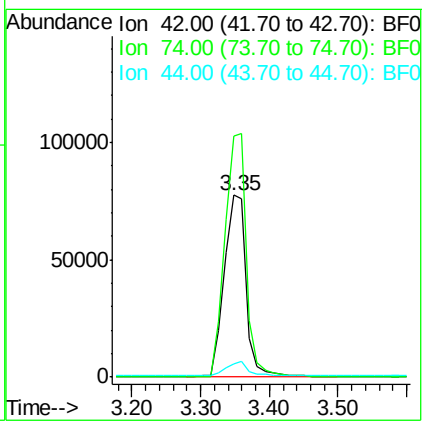
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

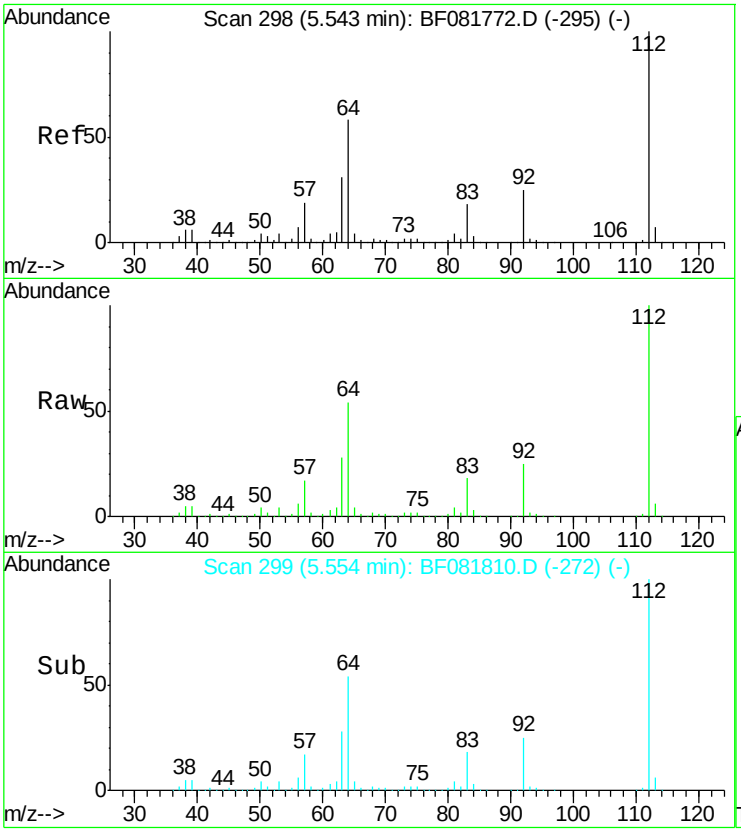


#4
n-Nitrosodimethylamine
Concen: 29.28 ng
RT: 3.35 min Scan# 106
Delta R.T. 0.02 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 42 Resp: 175897

Ion	Ratio	Lower	Upper
42	100		
74	132.8	105.0	157.6
44	7.6	6.6	10.0

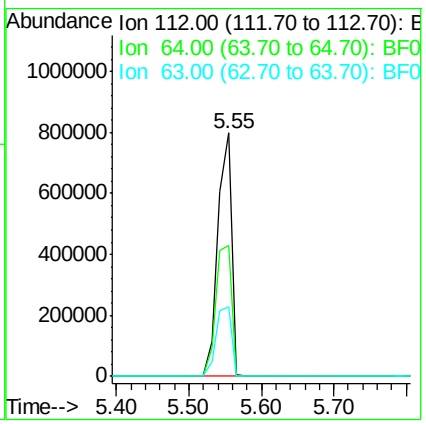




#5
2-Fluorophenol
Concen: 115.49 ng
RT: 5.55 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

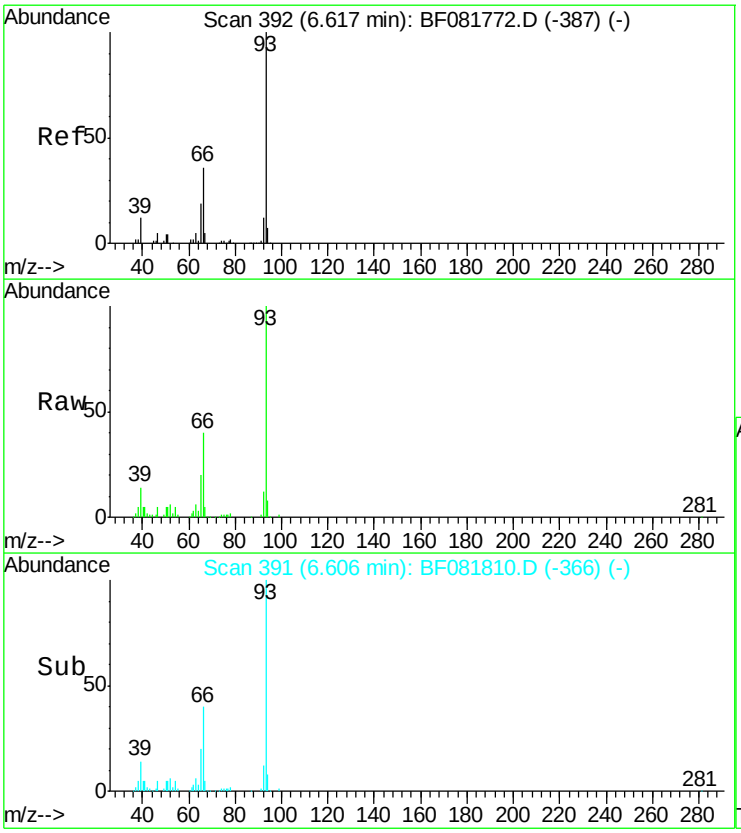
Tgt Ion:112 Resp: 1053016

Ion	Ratio	Lower	Upper
112	100		
64	54.0	39.7	59.5
63	28.3	17.4	26.0#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

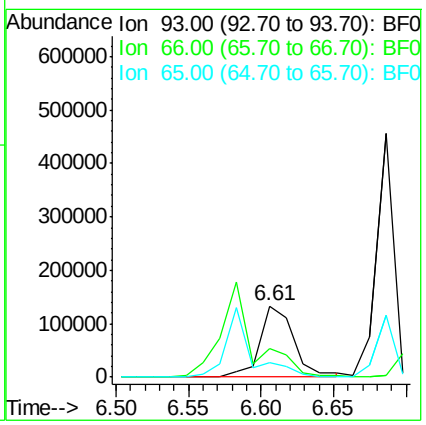
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

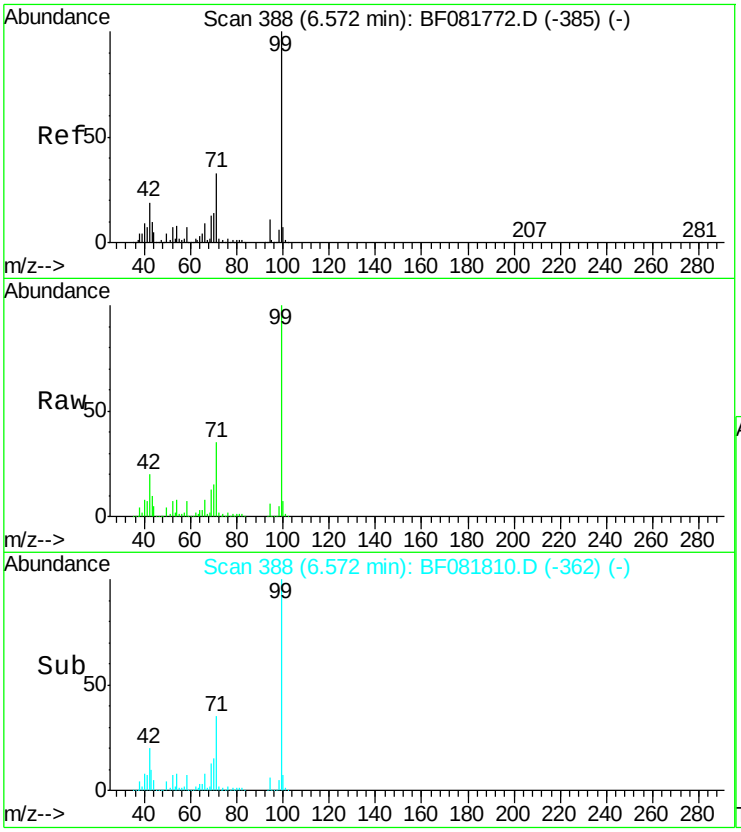


#6
Aniline
Concen: 12.59 ng
RT: 6.61 min Scan# 391
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 93 Resp: 217358

Ion	Ratio	Lower	Upper
93	100		
66	40.0	27.2	40.8
65	20.2	14.7	22.1

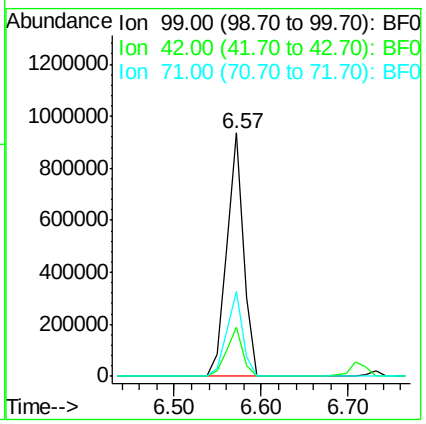




#7
Phenol-d6
Concen: 107.25 ng
RT: 6.57 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

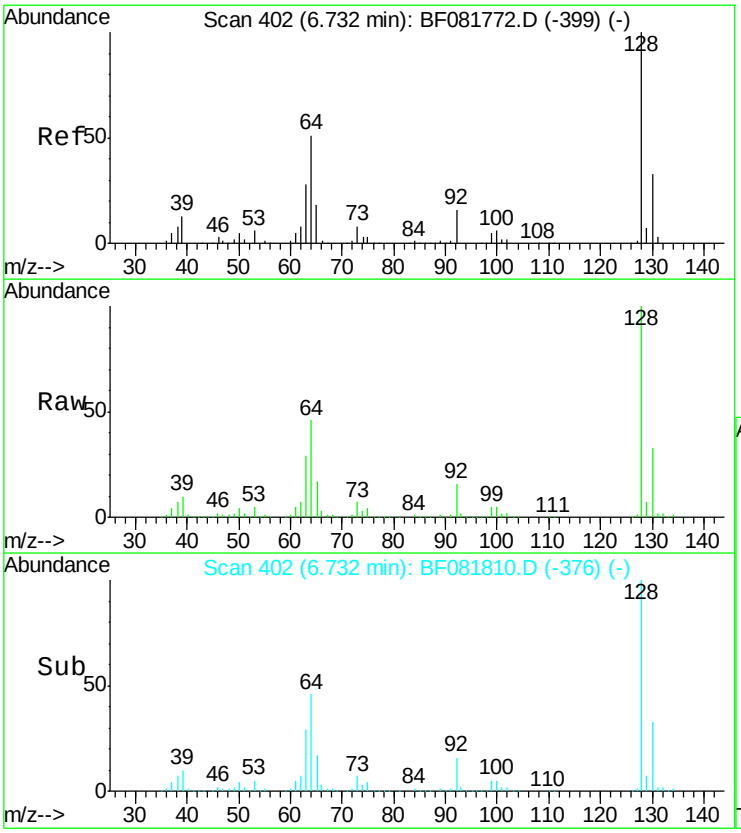
Tgt Ion: 99 Resp: 1236906

Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.7	20.5
71	35.0	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

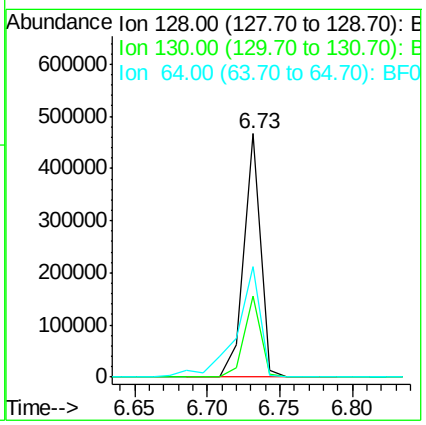
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

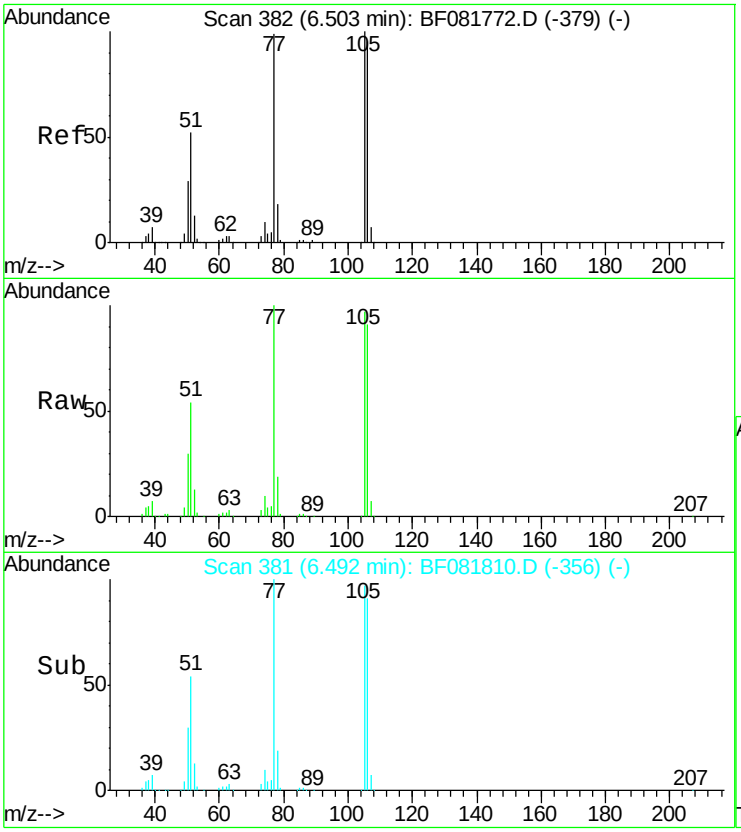


#8
2-Chlorophenol
Concen: 37.17 ng
RT: 6.73 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:128 Resp: 373433

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.2	52.2
64	45.6	20.5	60.5

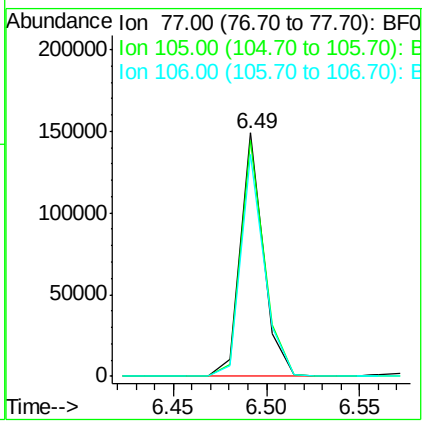




#9
Benzaldehyde
Concen: 18.79 ng
RT: 6.49 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

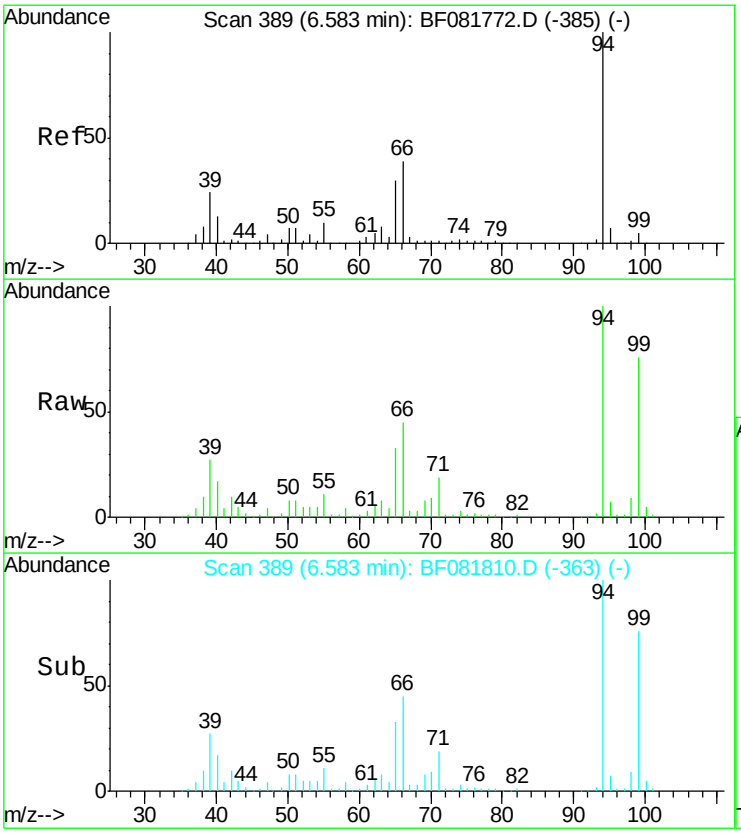
Tgt Ion: 77 Resp: 128124

Ion	Ratio	Lower	Upper
77	100		
105	97.0	91.6	131.6
106	91.2	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

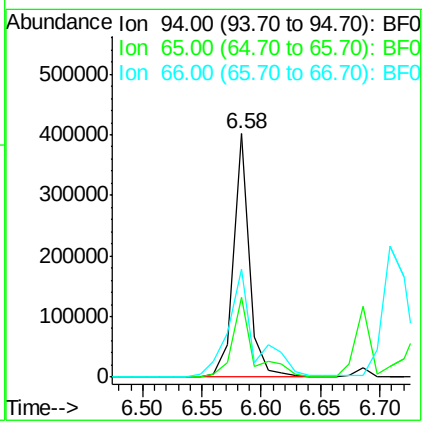
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

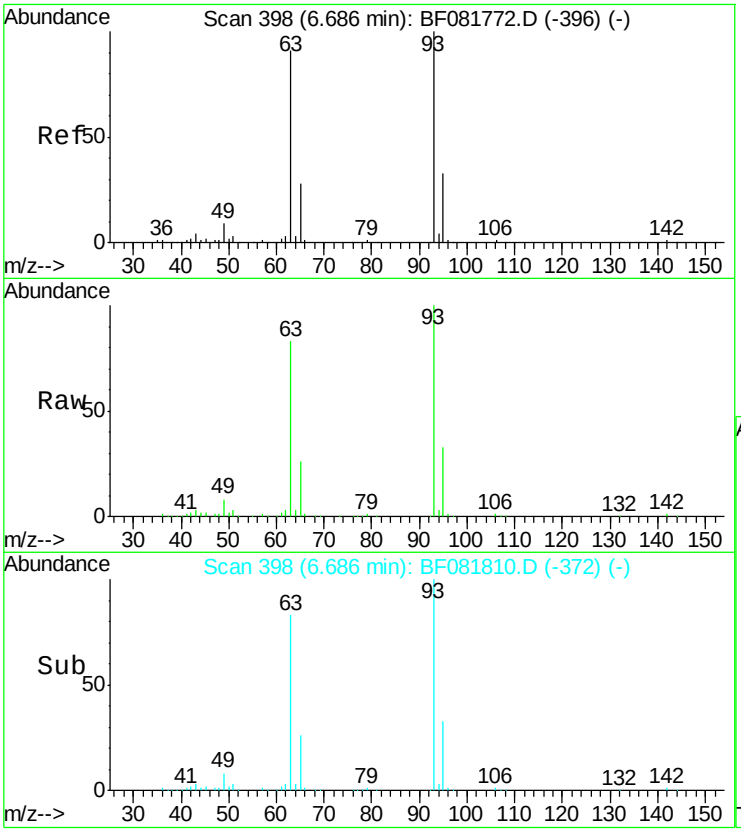


#10
Phenol
Concen: 28.18 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 94 Resp: 377445

Ion	Ratio	Lower	Upper
94	100		
65	32.6	0.7	40.7
66	44.6	0.8	40.8#

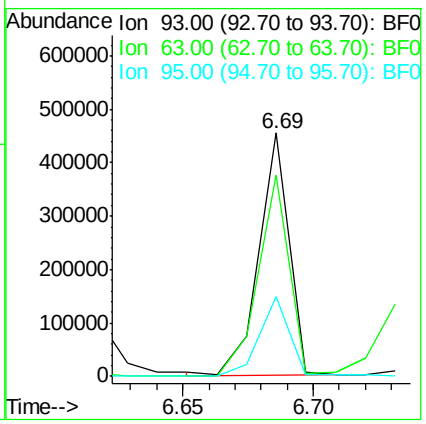




#11
bis(2-Chloroethyl)ether
Concen: 37.47 ng
RT: 6.69 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

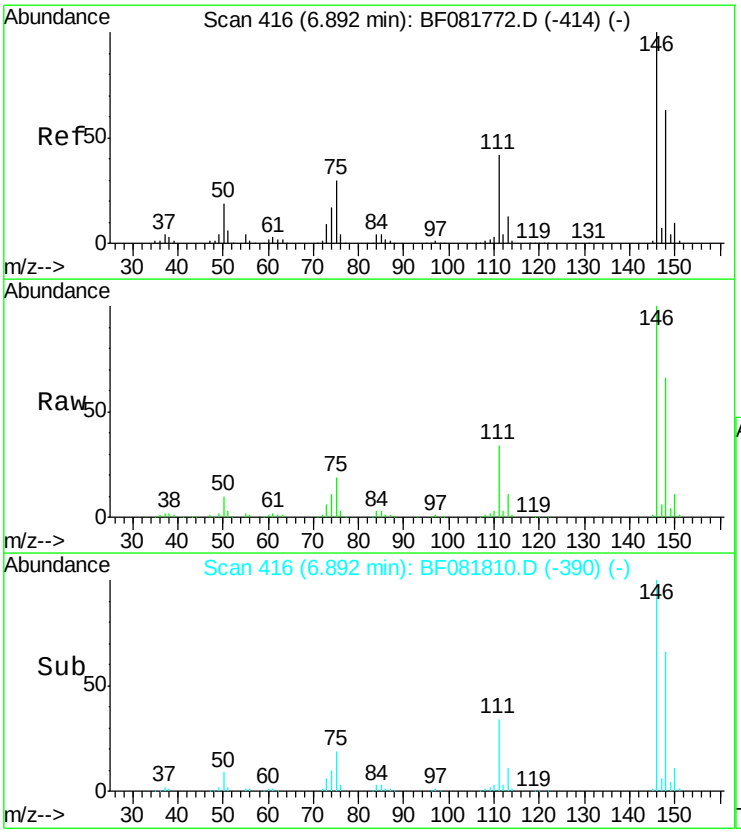
Tgt Ion: 93 Resp: 368081

Ion	Ratio	Lower	Upper
93	100		
63	82.9	65.6	105.6
95	32.7	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
SP-1MS

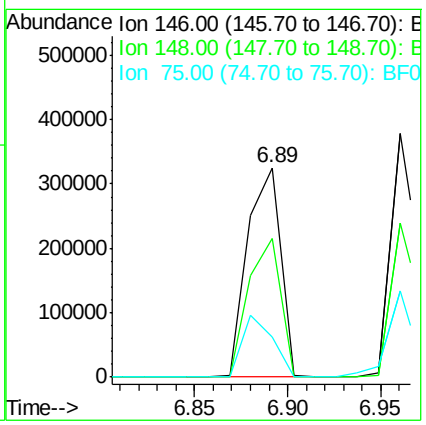
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

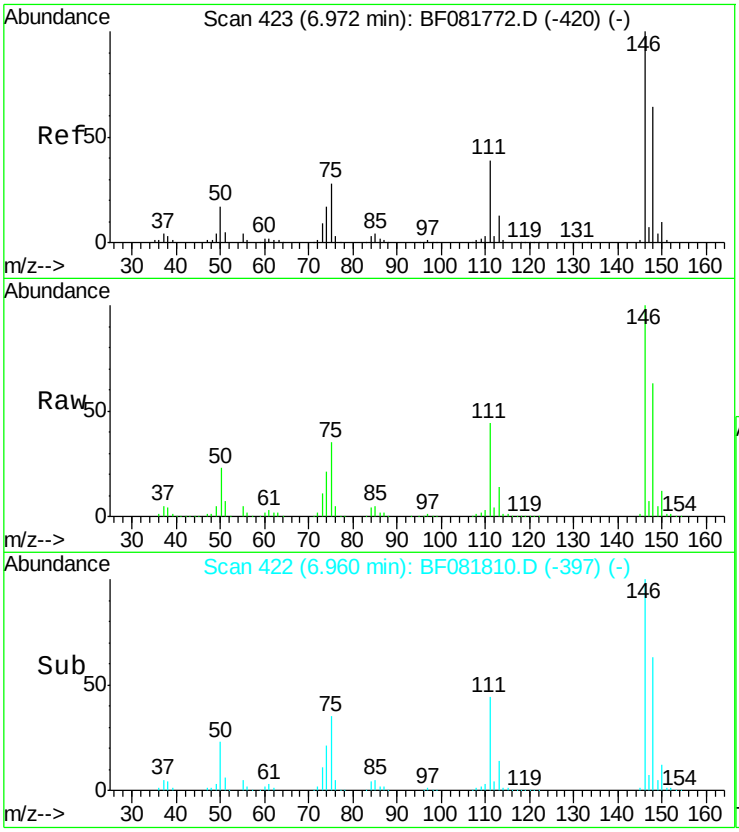


#12
1,3-Dichlorobenzene
Concen: 33.49 ng
RT: 6.89 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:146 Resp: 398187

Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.0	76.4
75	19.4	15.0	22.6

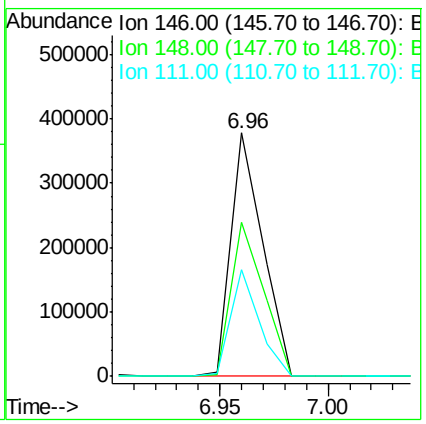




#13
1,4-Dichlorobenzene
Concen: 31.93 ng m
RT: 6.96 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

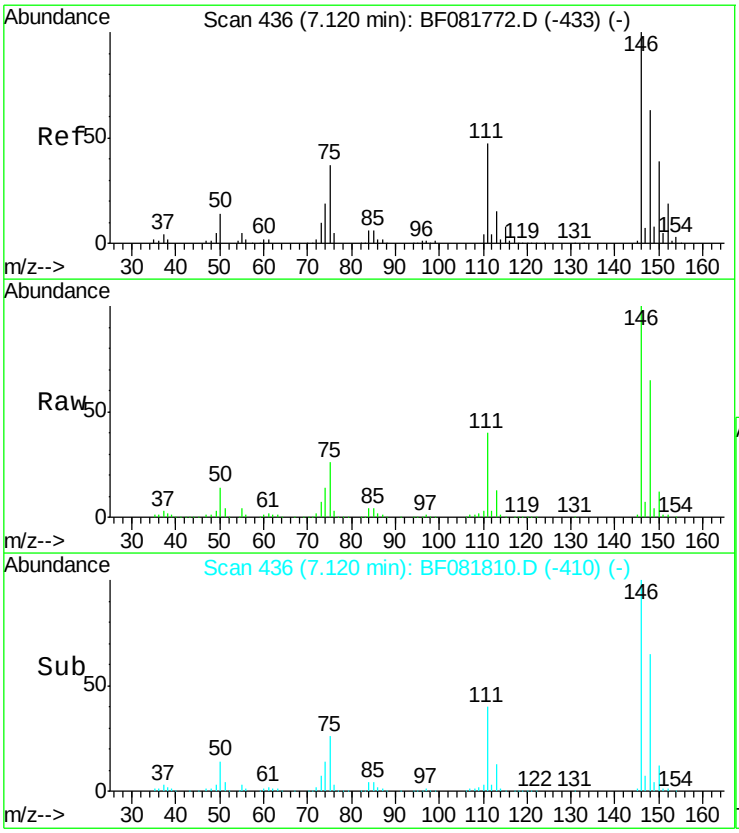
Tgt Ion:146 Resp: 384071

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.6
111	43.9	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

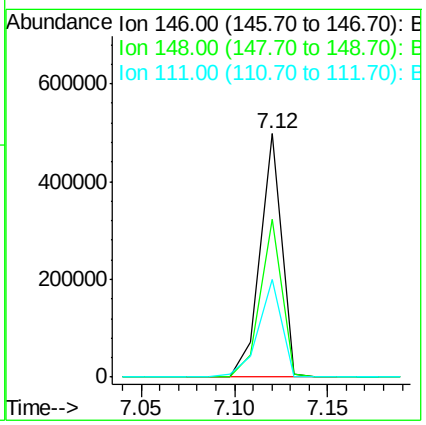
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

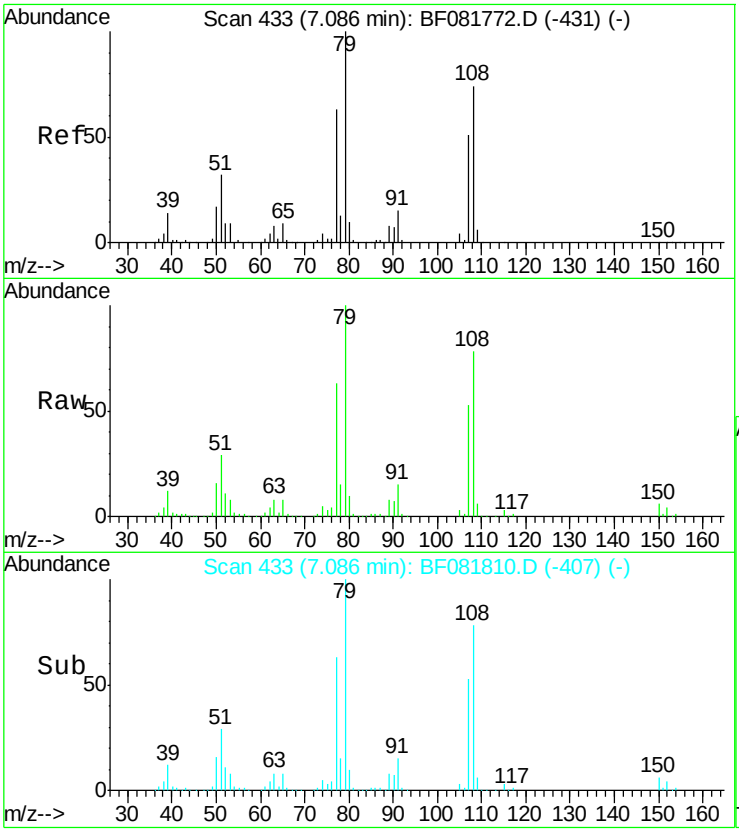


#14
1,2-Dichlorobenzene
Concen: 35.42 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:146 Resp: 396394

Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.7	79.1
111	40.0	28.8	43.2





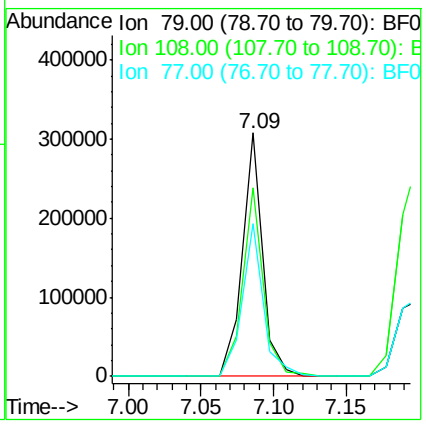
#15
Benzyl Alcohol
Concen: 33.07 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

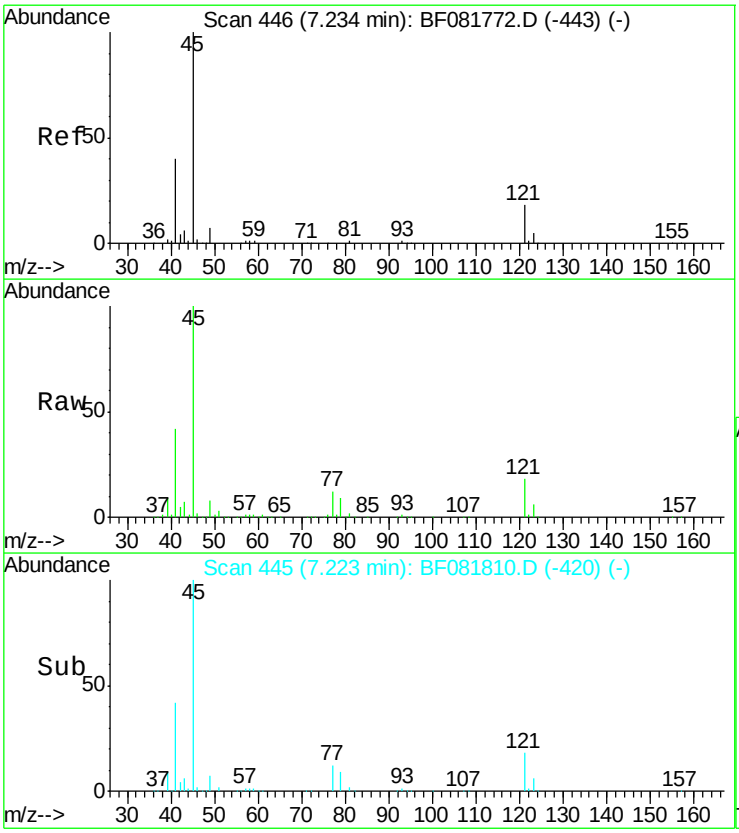
Tgt Ion: 79 Resp: 300746

Ion	Ratio	Lower	Upper
79	100		
108	77.6	88.6	132.8#
77	62.9	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

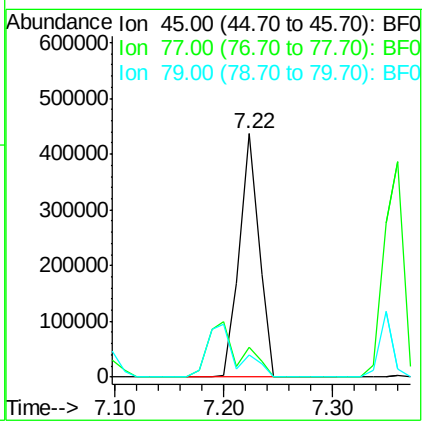


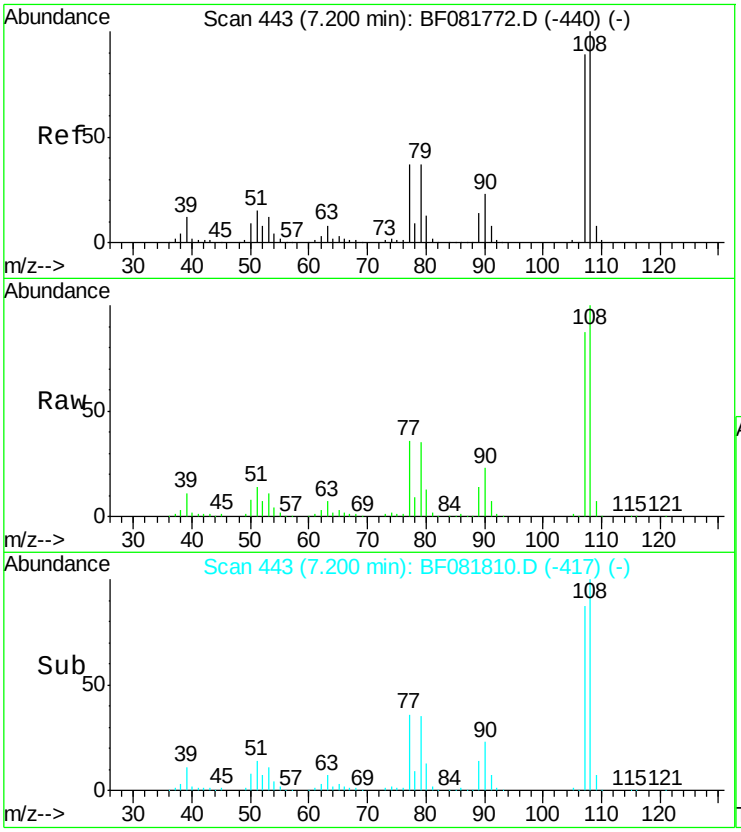


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.52 ng
RT: 7.22 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 45 Resp: 546505

Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	28.1
79	9.2	0.0	26.0

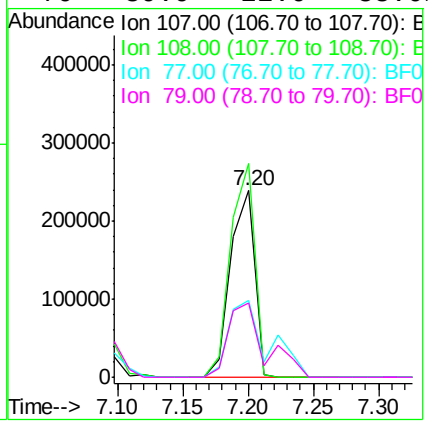




#17
2-Methylphenol
Concen: 36.14 ng
RT: 7.20 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

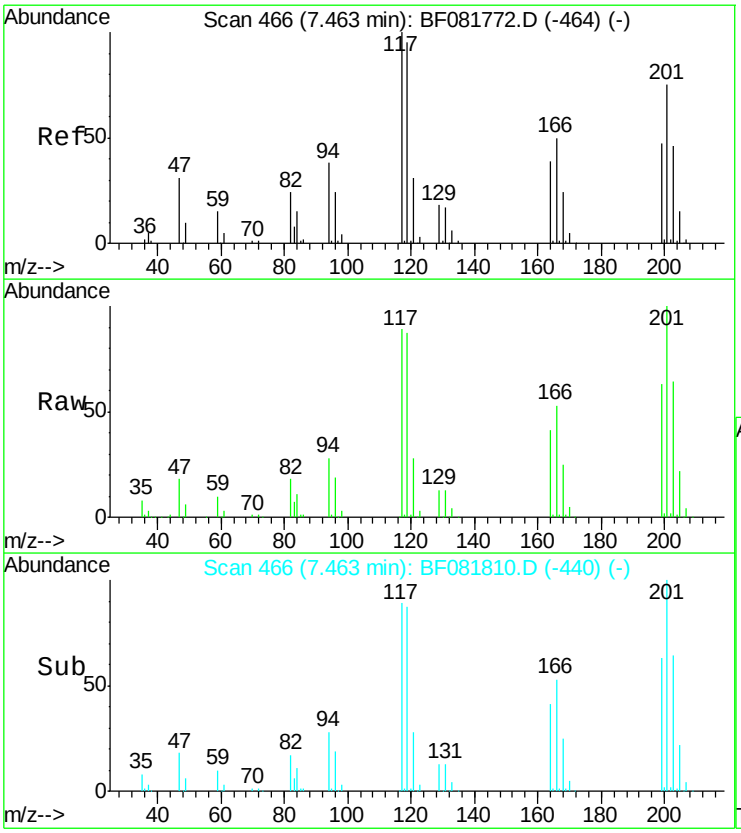
Tgt Ion:107 Resp: 306674

Ion	Ratio	Lower	Upper
107	100		
108	114.6	96.6	145.0
77	41.3	23.3	34.9#
79	39.9	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

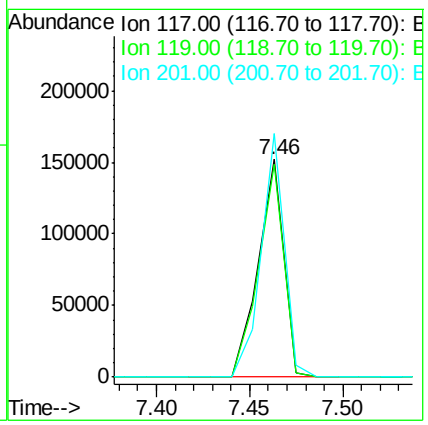
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

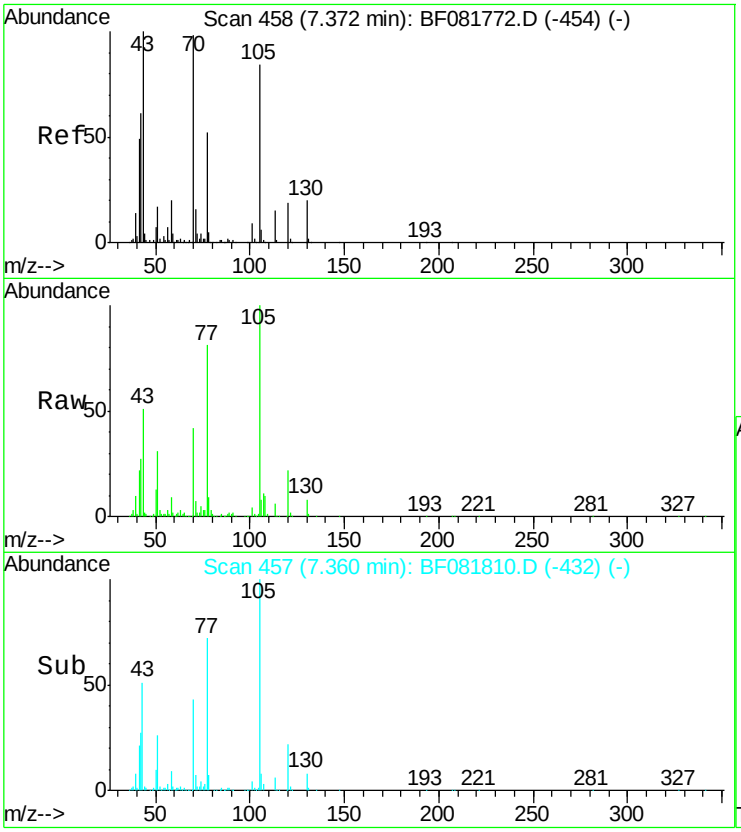


#18
Hexachloroethane
Concen: 36.47 ng
RT: 7.46 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:117 Resp: 142867

Ion	Ratio	Lower	Upper
117	100		
119	97.8	83.8	125.6
201	111.8	55.1	82.7#

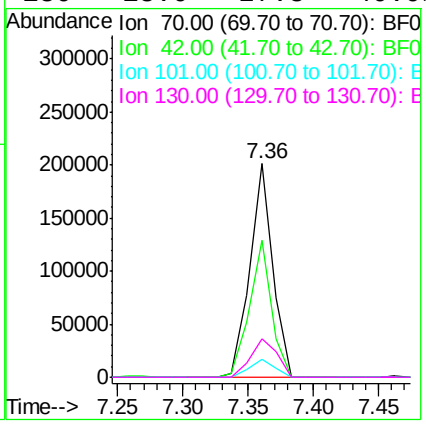




#19
n-Nitroso-di-n-propylamine
Concen: 31.90 ng
RT: 7.36 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

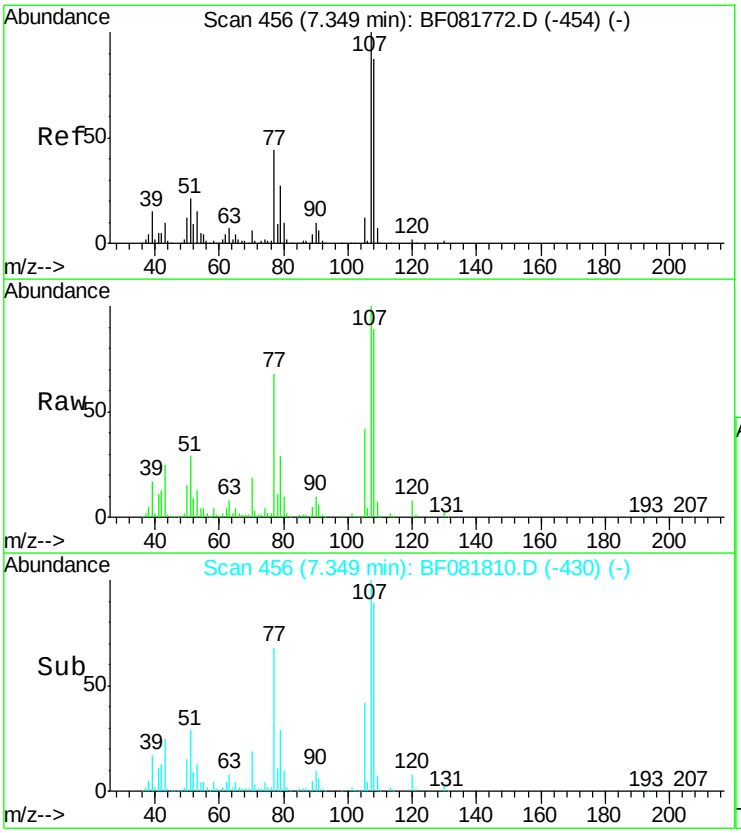
Tgt Ion: 70 Resp: 245279

Ion	Ratio	Lower	Upper
70	100		
42	64.2	63.8	95.6
101	8.7	9.2	13.8#
130	18.0	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

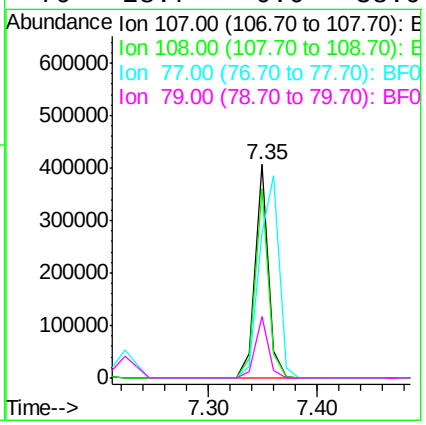
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

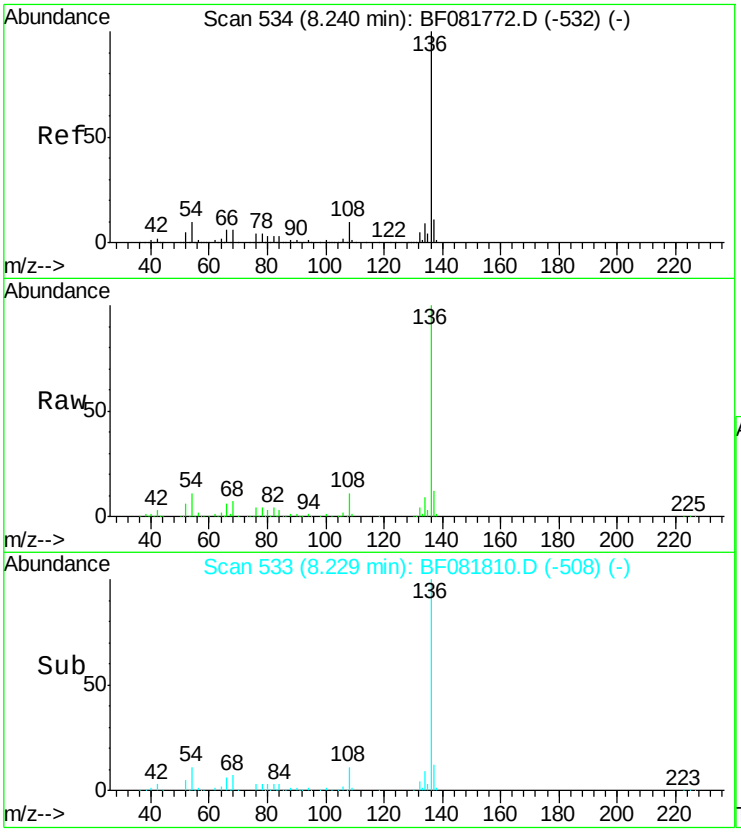


#20
3+4-Methylphenols
Concen: 32.64 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:107 Resp: 347947

Ion	Ratio	Lower	Upper
107	100		
108	88.8	74.6	114.6
77	67.6	0.7	40.7#
79	28.7	0.0	38.9

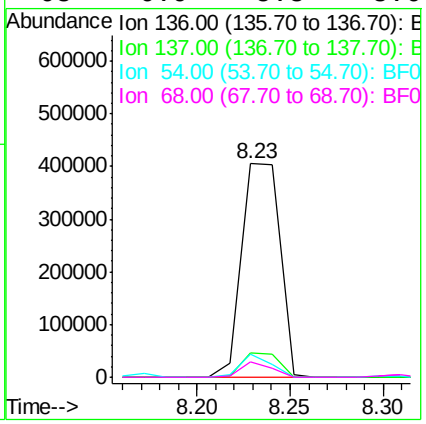




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

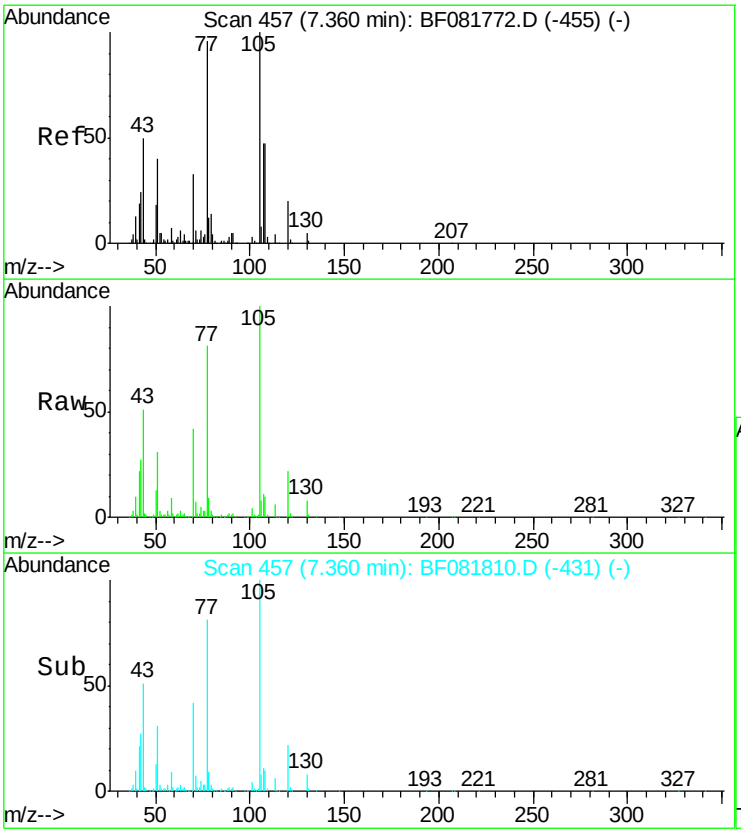
Tgt Ion:136 Resp: 576014

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	10.9	8.2	12.2
68	6.9	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
SP-1MS

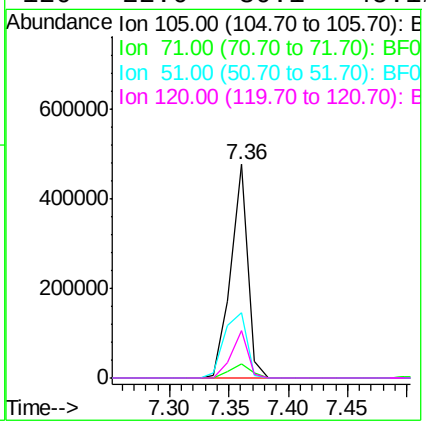
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

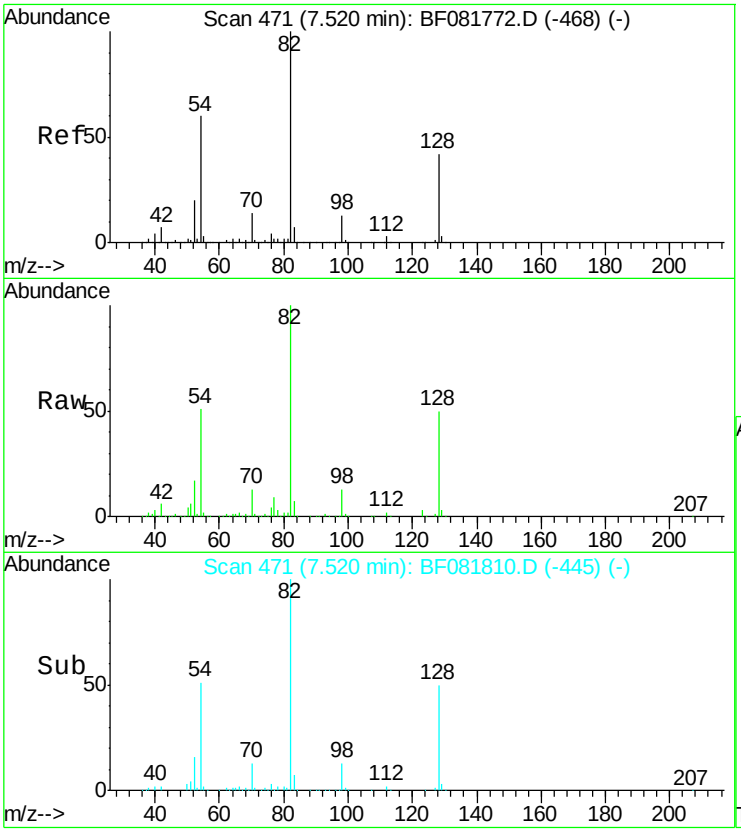


#22
Acetophenone
Concen: 37.64 ng
RT: 7.36 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:105 Resp: 475465

Ion	Ratio	Lower	Upper
105	100		
71	6.9	4.7	7.1
51	30.8	22.0	33.0
120	22.0	30.1	45.1#

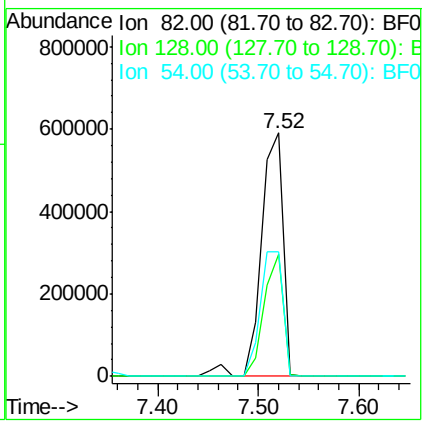




#23
Nitrobenzene-d5
Concen: 102.01 ng
RT: 7.52 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

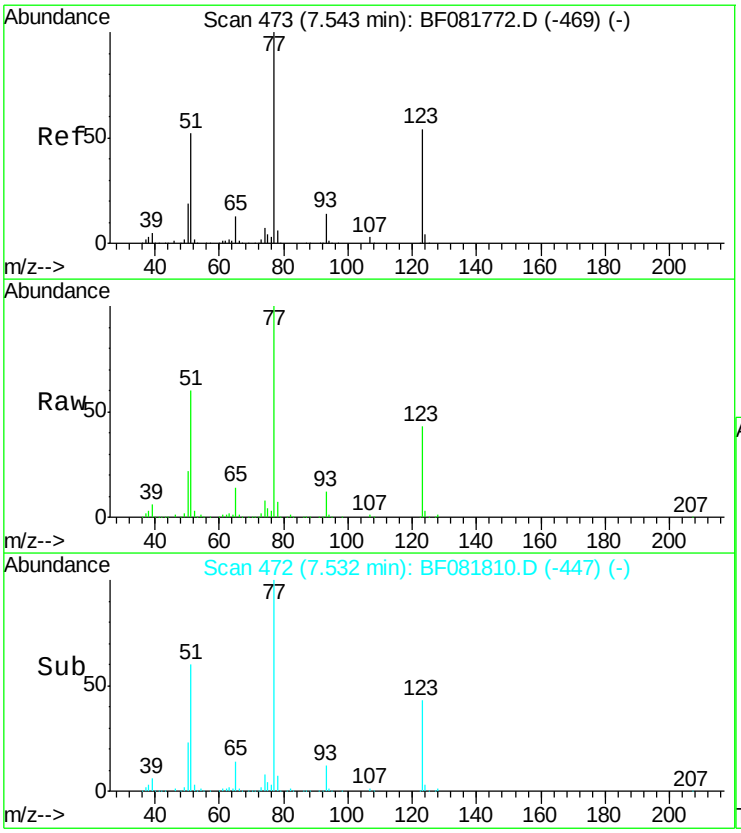
Tgt Ion: 82 Resp: 890595

Ion	Ratio	Lower	Upper
82	100		
128	50.1	51.0	76.6#
54	51.1	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SP-1MS

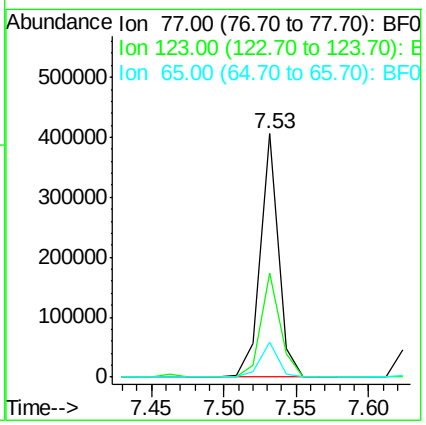
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

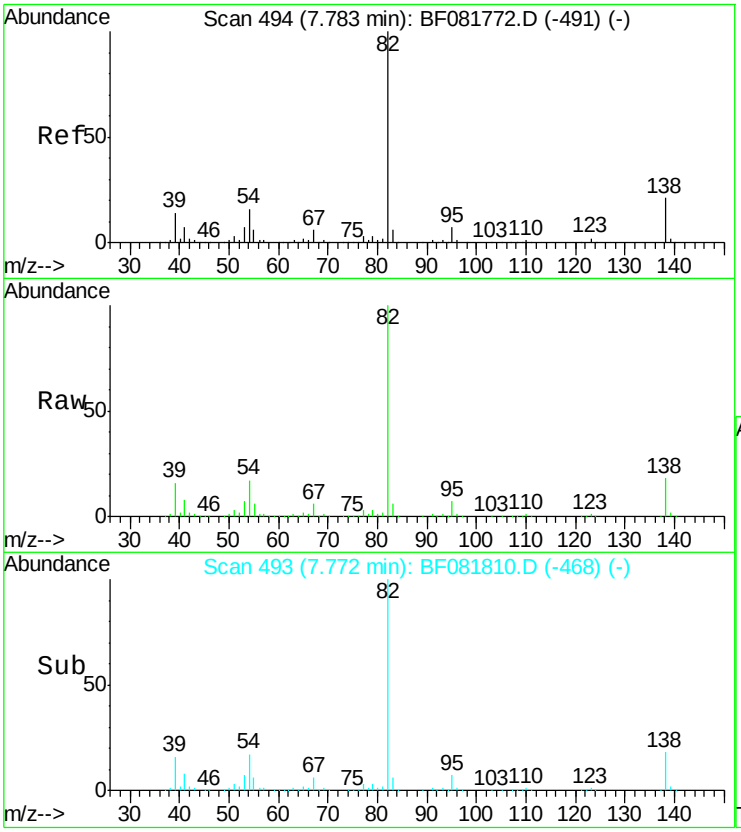


#24
Nitrobenzene
Concen: 36.21 ng
RT: 7.53 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 77 Resp: 352689

Ion	Ratio	Lower	Upper
77	100		
123	42.8	59.8	89.8#
65	14.2	10.2	15.4





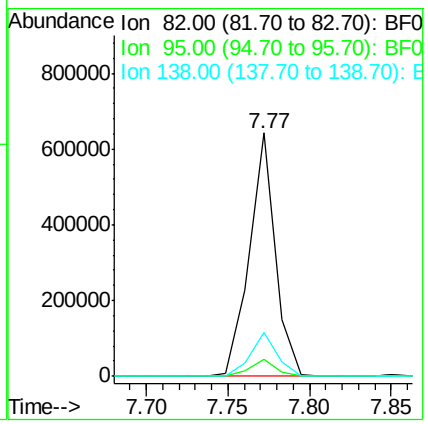
#25
Isophorone
Concen: 36.54 ng
RT: 7.77 min Scan# 493
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

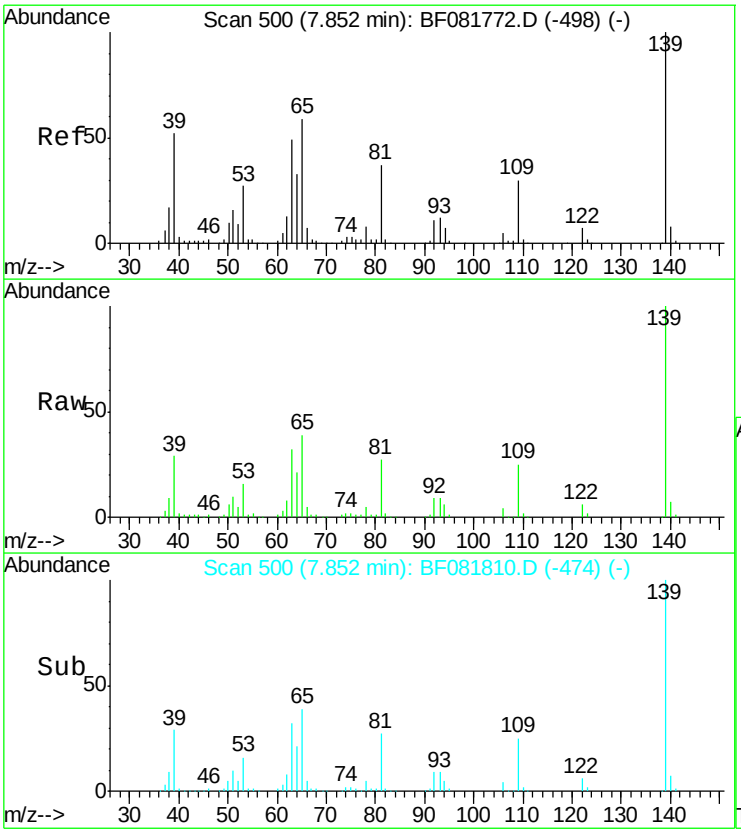
Tgt Ion: 82 Resp: 706725

Ion	Ratio	Lower	Upper
82	100		
95	7.0	4.0	6.0#
138	17.9	18.3	27.5#

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

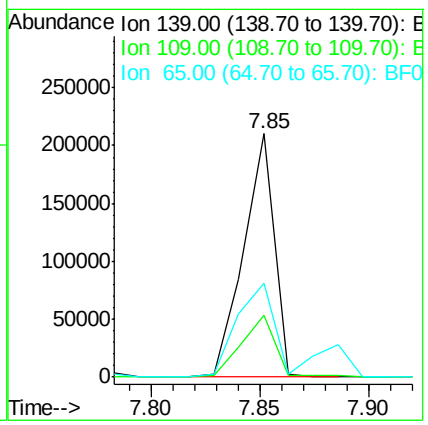


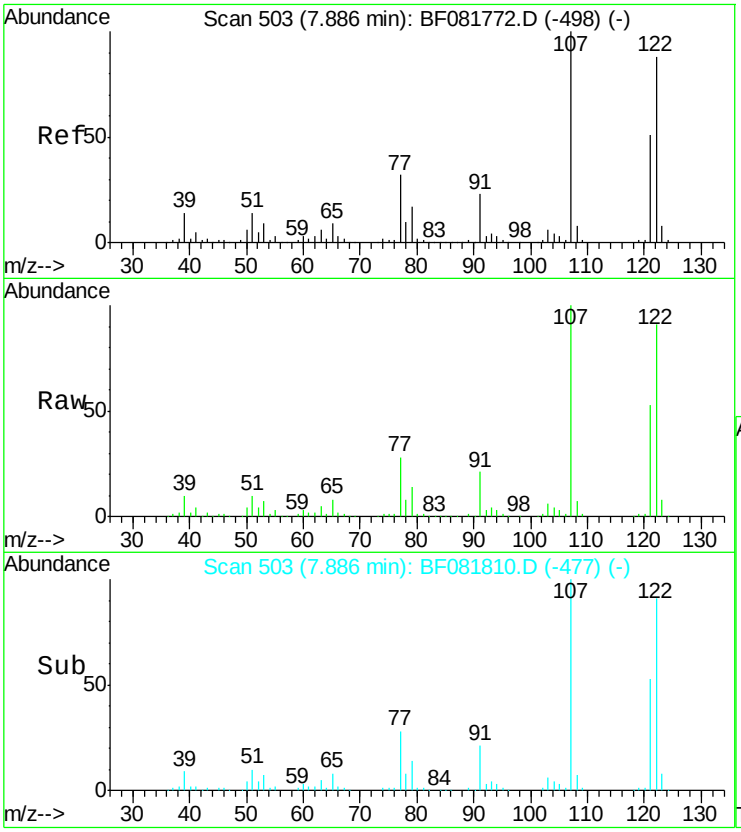


#26
2-Nitrophenol
Concen: 57.89 ng
RT: 7.85 min Scan# 500
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:139 Resp: 204799

Ion	Ratio	Lower	Upper
139	100		
109	25.5	11.0	16.4#
65	38.7	24.7	37.1#





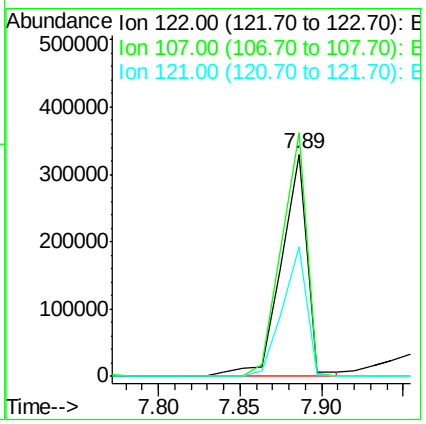
#27
2,4-Dimethylphenol
Concen: 41.46 ng
RT: 7.89 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

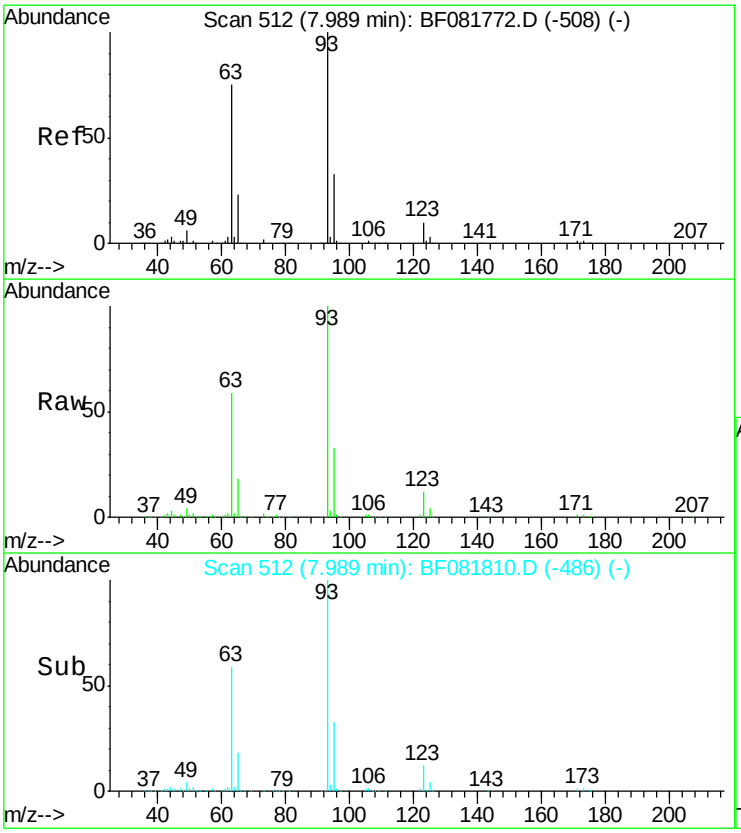
Tgt Ion:122 Resp: 363646

Ion	Ratio	Lower	Upper
122	100		
107	109.7	71.8	107.6#
121	58.6	42.3	63.5

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

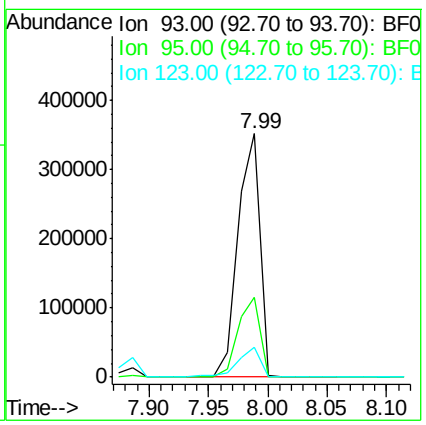


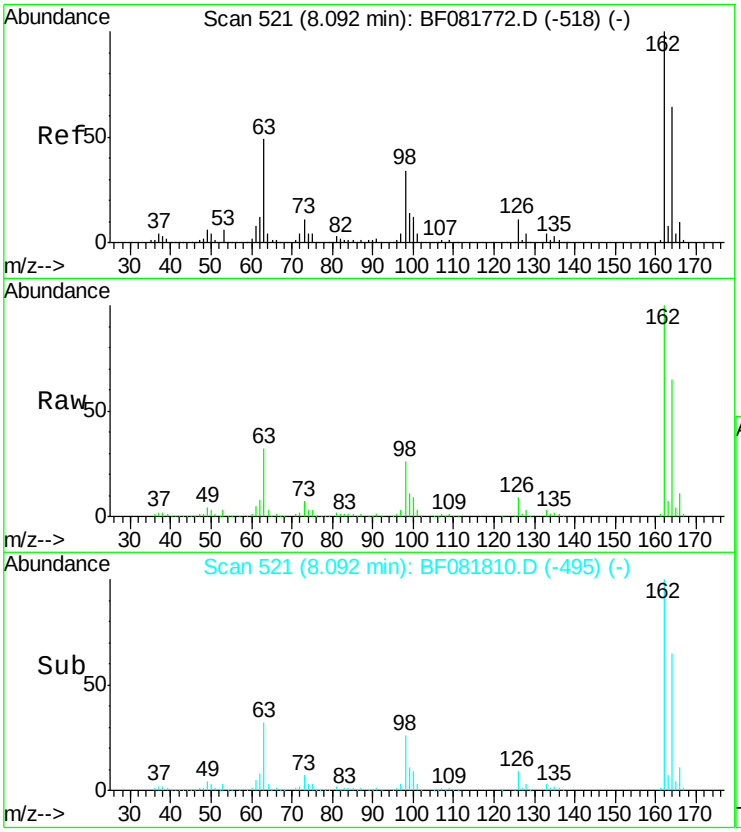


#28
bis(2-Chloroethoxy)methane
Concen: 40.10 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 93 Resp: 453016

Ion	Ratio	Lower	Upper
93	100		
95	32.6	27.5	41.3
123	12.1	13.7	20.5#

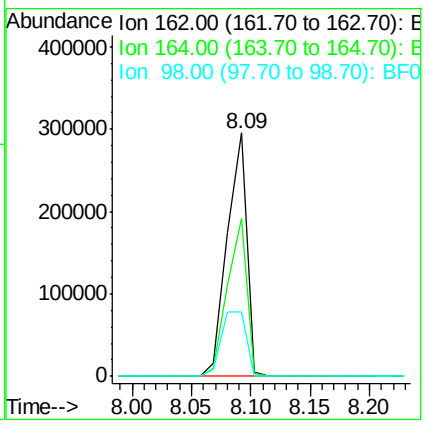




#29
2,4-Dichlorophenol
Concen: 41.41 ng
RT: 8.09 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

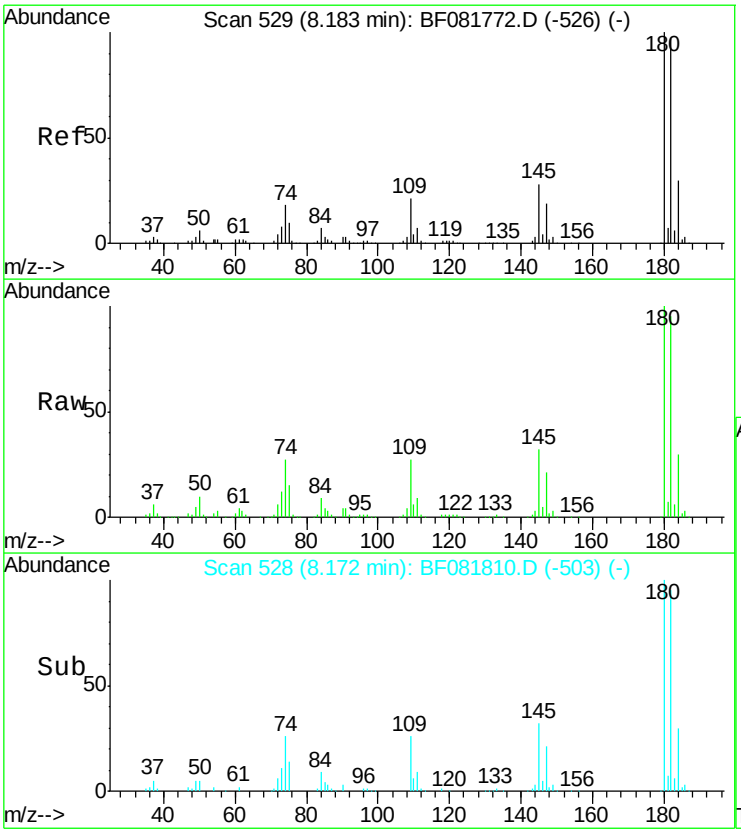
Tgt Ion:162 Resp: 338125

Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	26.4	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
SP-1MS

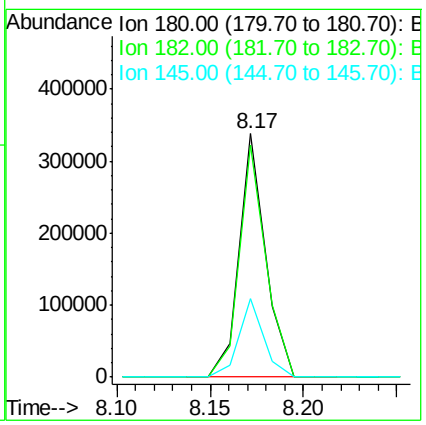
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

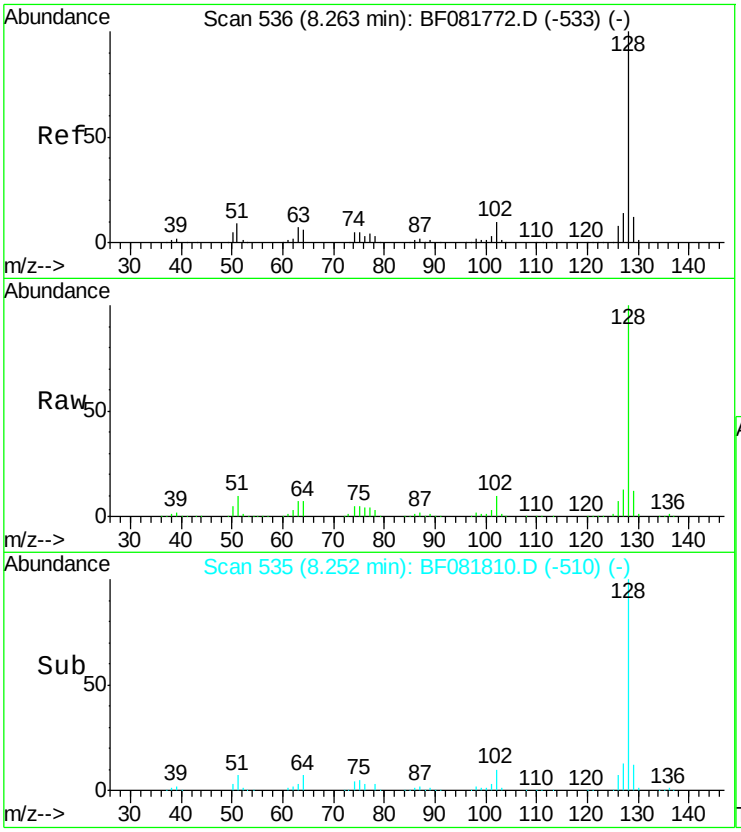


#30
1,2,4-Trichlorobenzene
Concen: 36.26 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:180 Resp: 332309

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.1	115.7
145	32.2	23.3	34.9

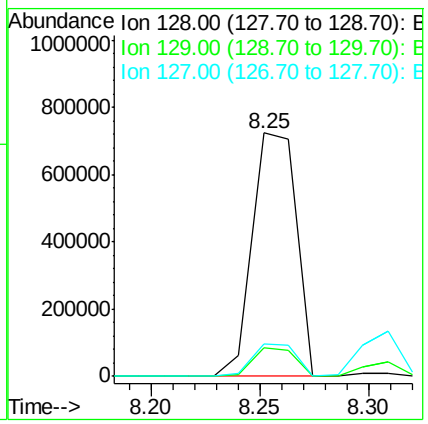




#31
Naphthalene
Concen: 38.55 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

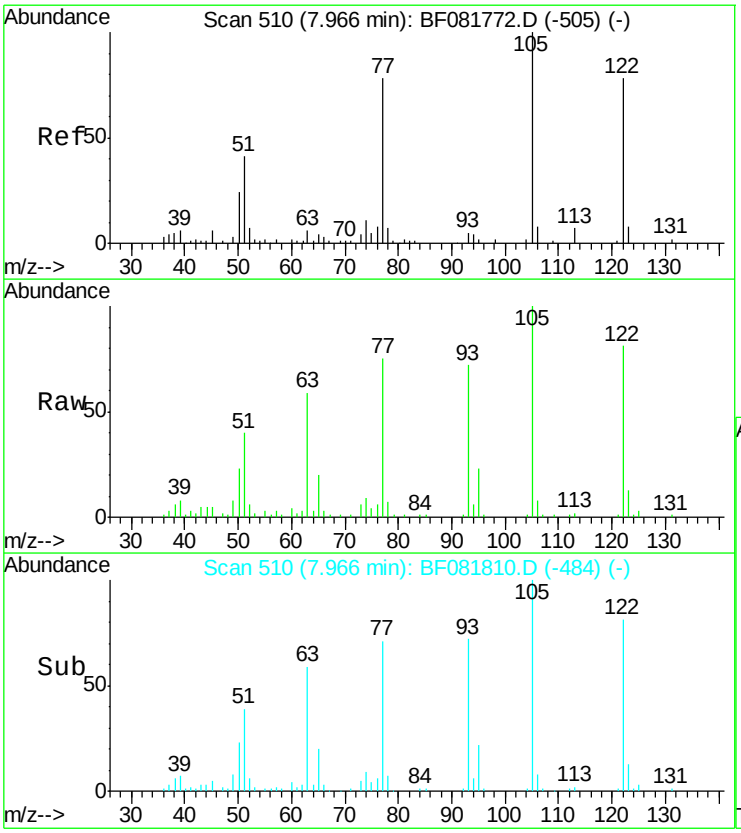
Tgt Ion:128 Resp: 1024277

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	13.3	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SP-1MS

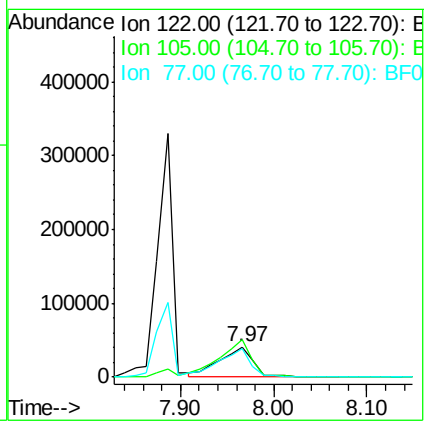
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

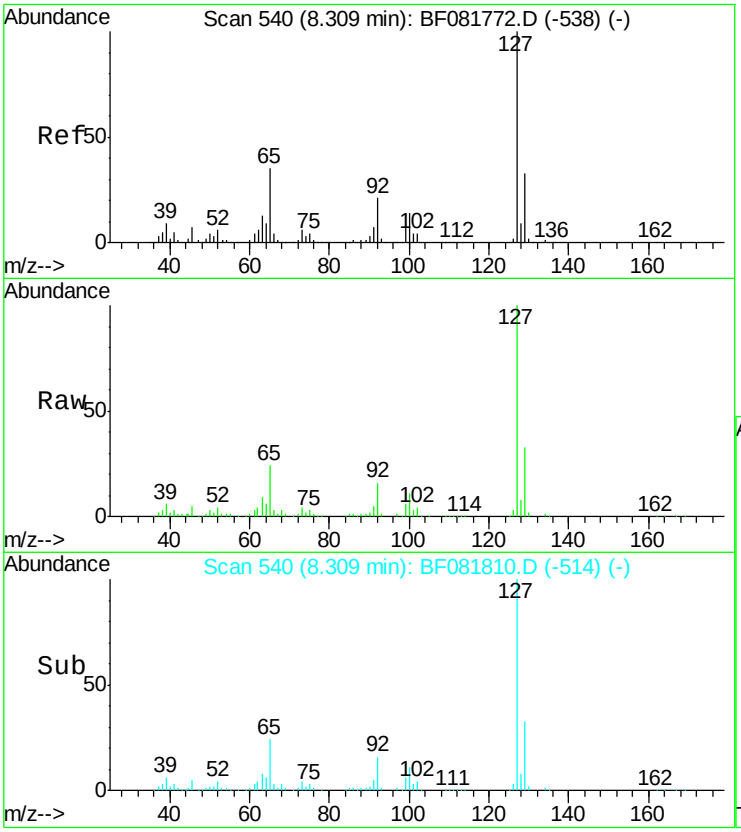


#32
Benzoic acid
Concen: 59.45 ng
RT: 7.97 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:122 Resp: 101529

Ion	Ratio	Lower	Upper
122	100		
105	123.7	76.1	116.1#
77	92.5	40.5	80.5#

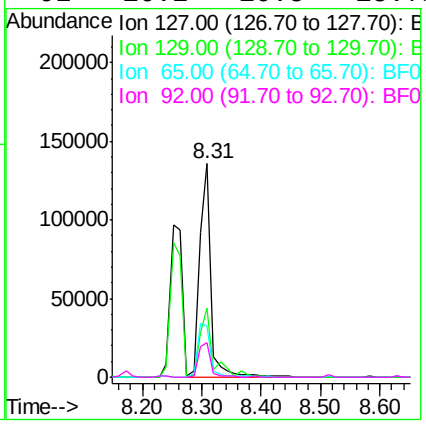




#33
4-Chloroaniline
Concen: 15.80 ng
RT: 8.31 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

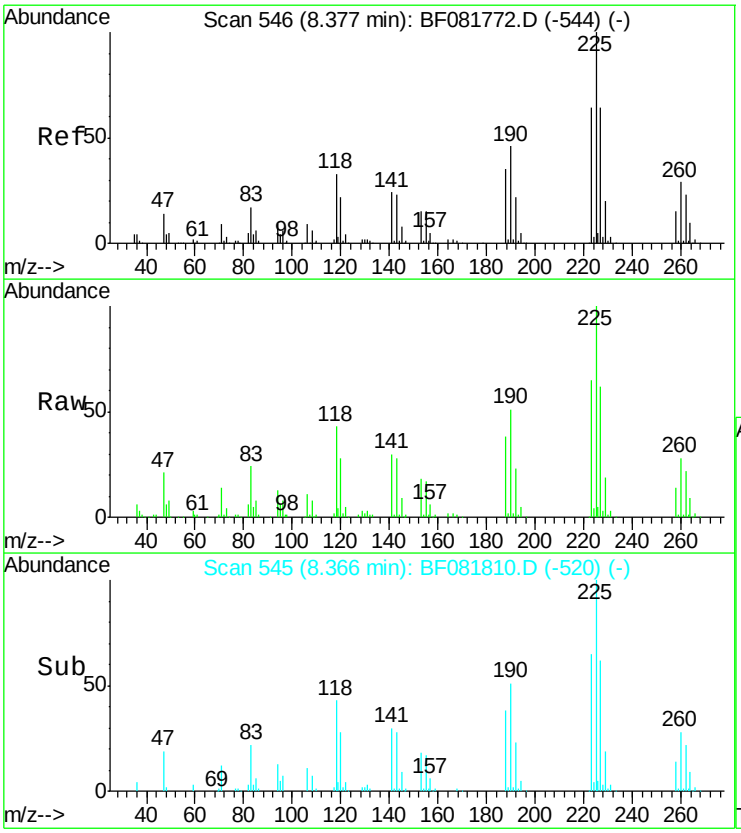
Tgt Ion:127 Resp: 184311

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.8	38.6
65	24.0	17.9	26.9
92	16.2	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

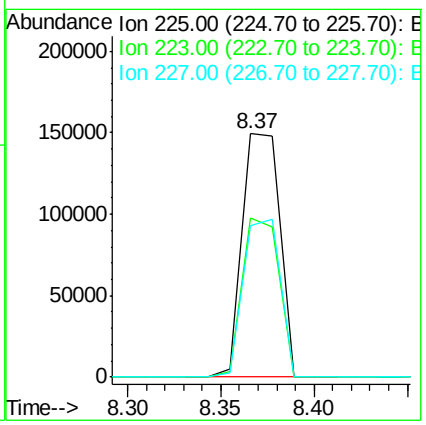
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

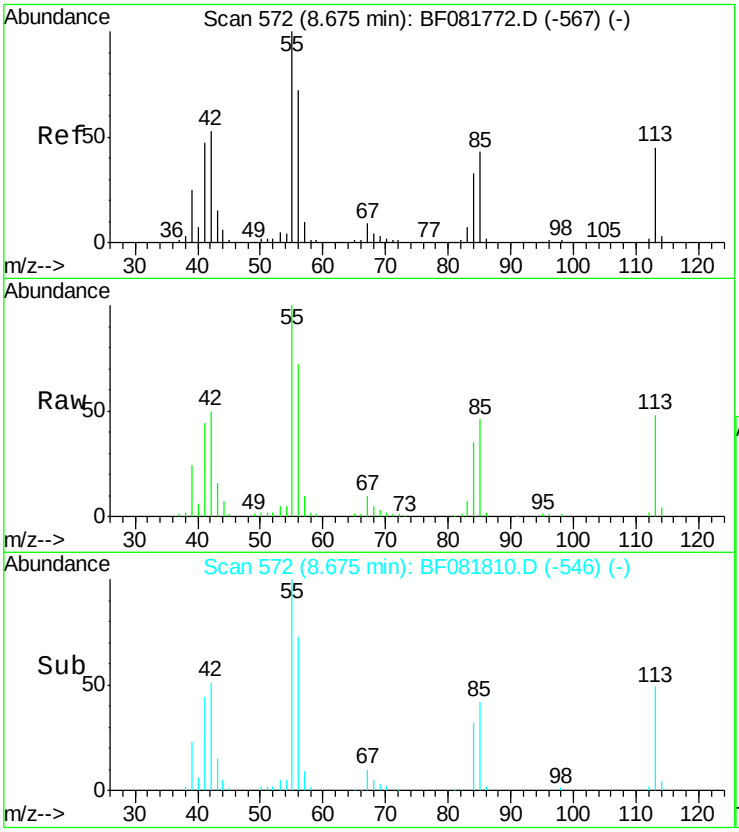


#34
Hexachlorobutadiene
Concen: 38.47 ng
RT: 8.37 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:225 Resp: 207930

Ion	Ratio	Lower	Upper
225	100		
223	65.2	50.2	75.2
227	62.2	52.2	78.2

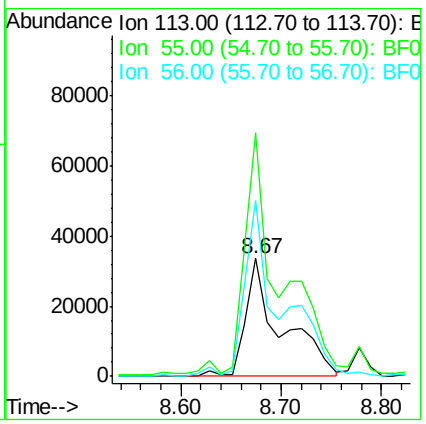




#35
Caprolactam
Concen: 38.10 ng
RT: 8.67 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

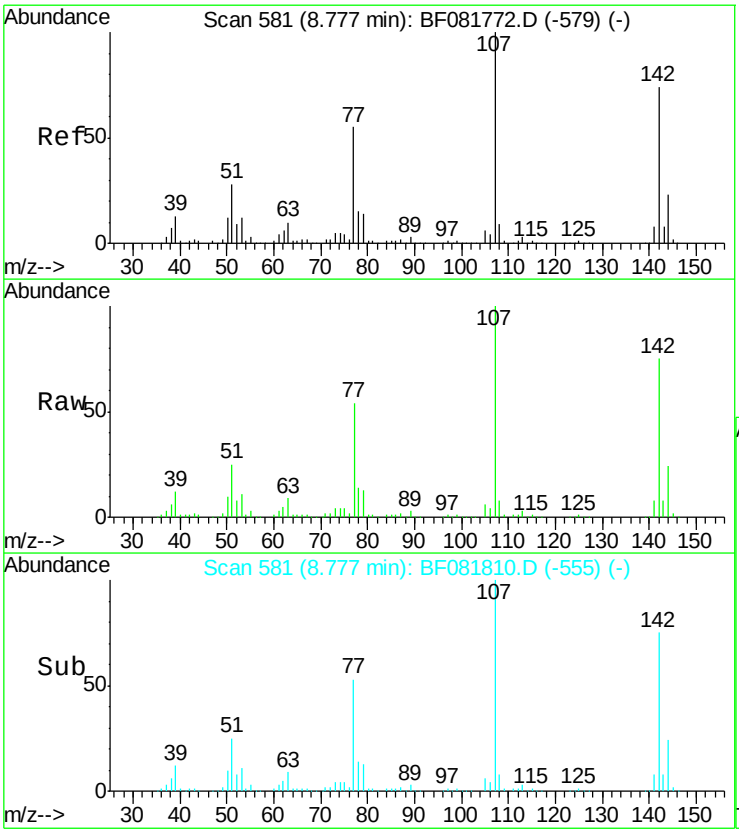
Tgt Ion:113 Resp: 83127

Ion	Ratio	Lower	Upper
113	100		
55	206.3	152.4	192.4#
56	148.8	104.6	144.6#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

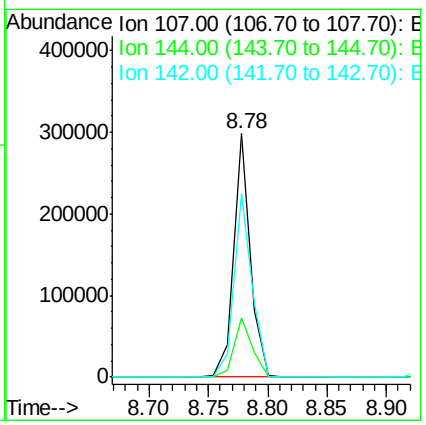
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

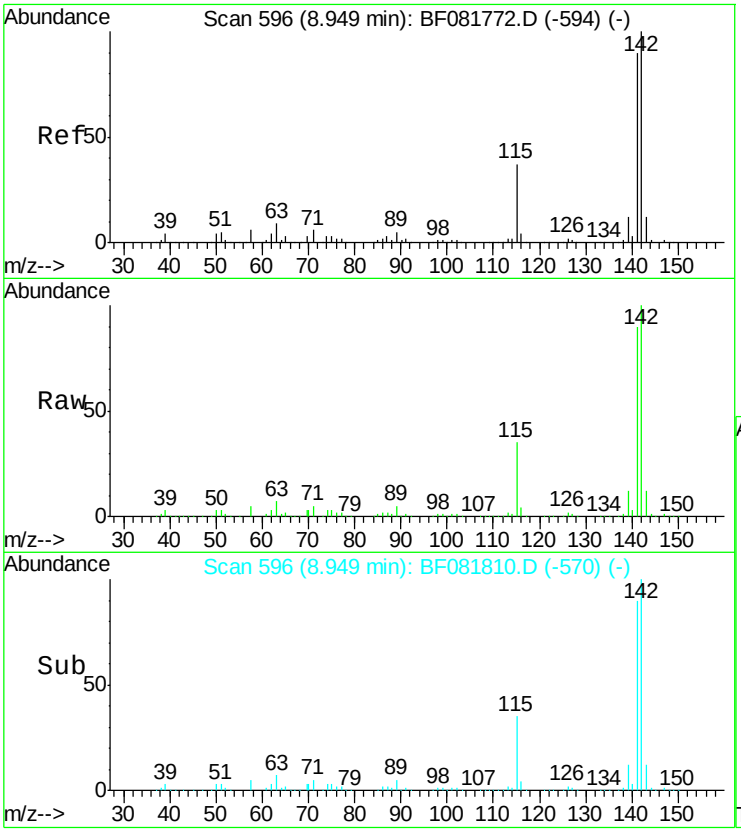


#36
4-Chloro-3-methylphenol
Concen: 35.71 ng
RT: 8.78 min Scan# 581
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:107 Resp: 292180

Ion	Ratio	Lower	Upper
107	100		
144	24.2	25.4	38.0#
142	75.4	77.3	115.9#

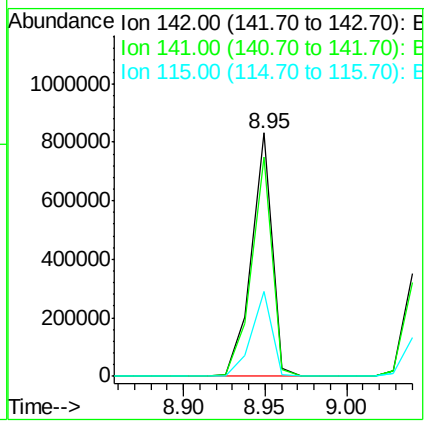




#37
2-Methylnaphthalene
Concen: 38.74 ng
RT: 8.95 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

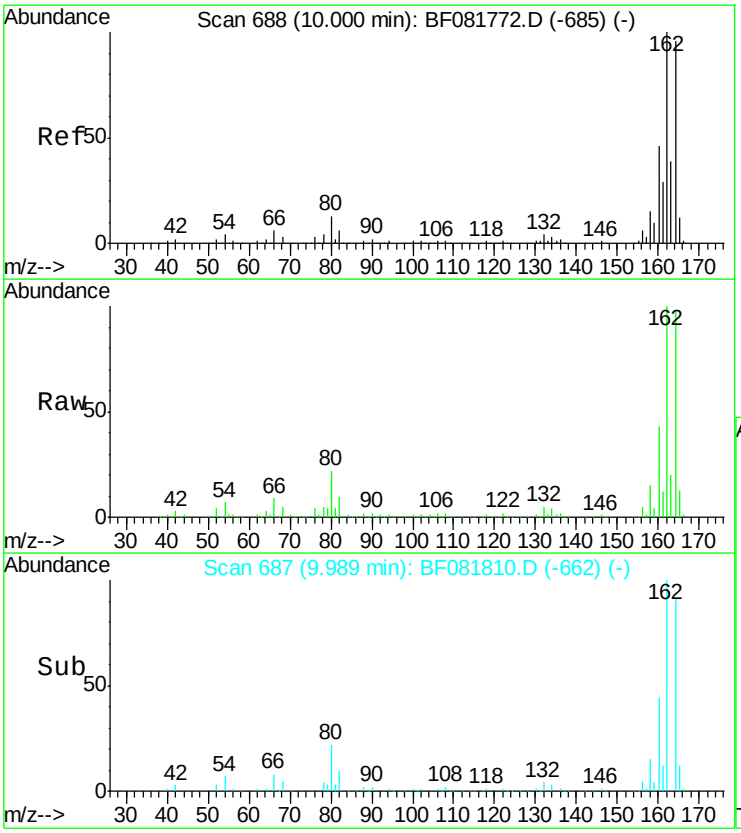
Tgt Ion:142 Resp: 733541

Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.5	101.3
115	34.7	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

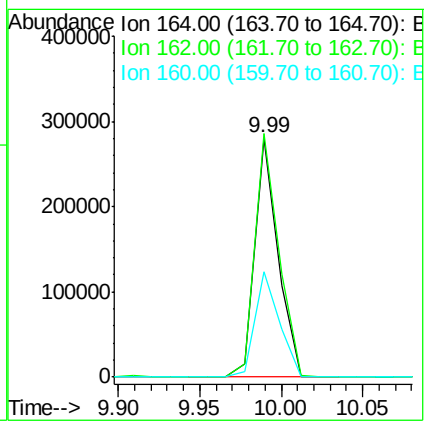
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

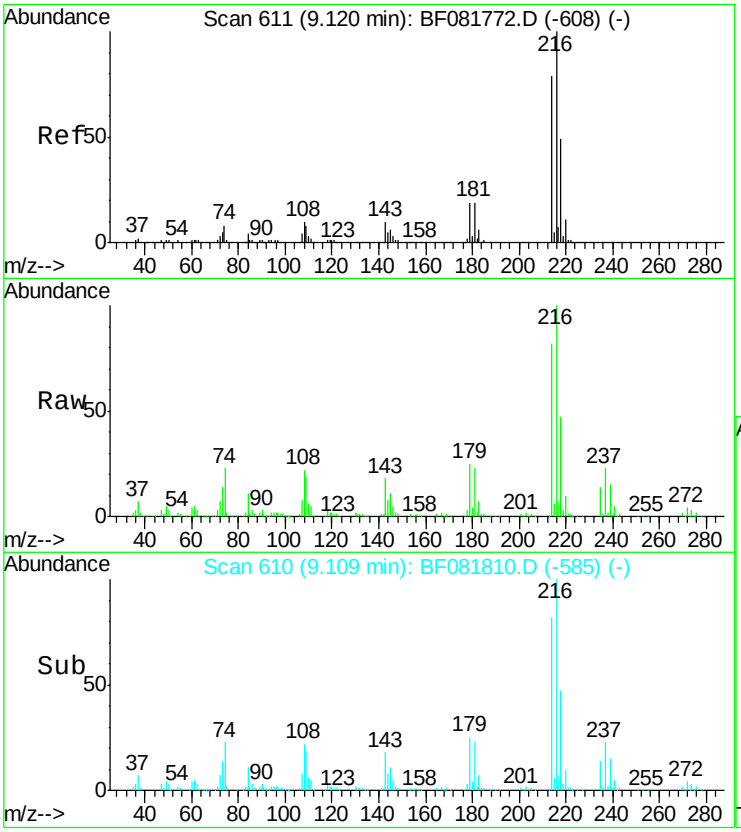


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:164 Resp: 277005

Ion	Ratio	Lower	Upper
164	100		
162	101.9	75.2	112.8
160	44.2	31.5	47.3

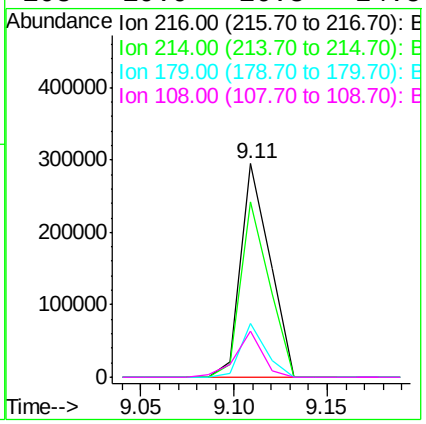




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.26 ng
RT: 9.11 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

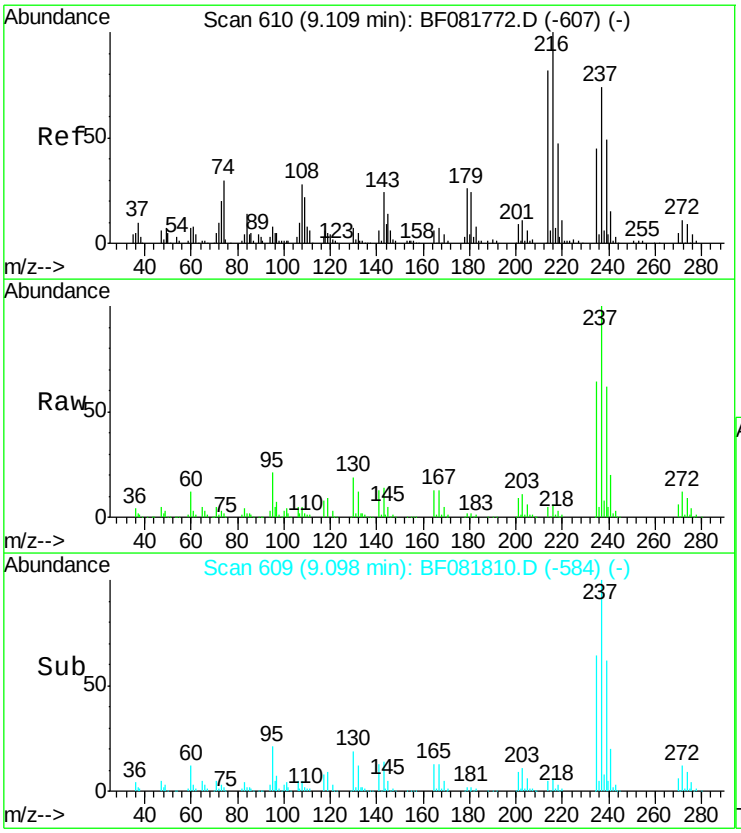
Tgt Ion:216 Resp: 320605

Ion	Ratio	Lower	Upper
216	100		
214	80.4	63.5	95.3
179	22.0	16.6	24.8
108	19.9	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
SP-1MS

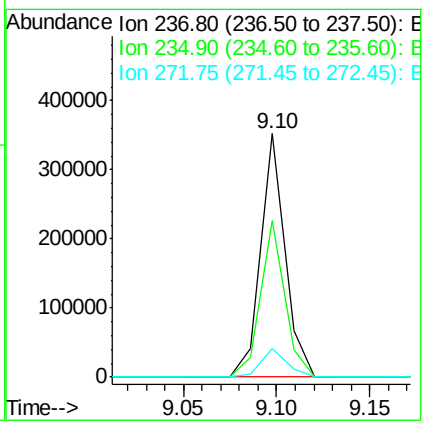
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

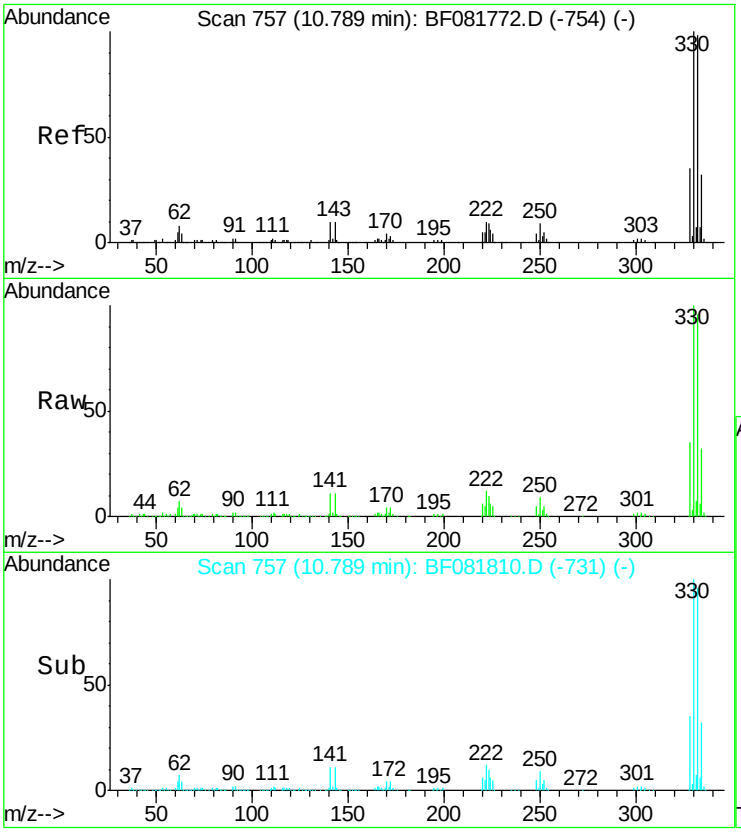


#40
Hexachlorocyclopentadiene
Concen: 83.80 ng
RT: 9.10 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:237 Resp: 317516

Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.0	82.0
272	11.7	0.0	36.1

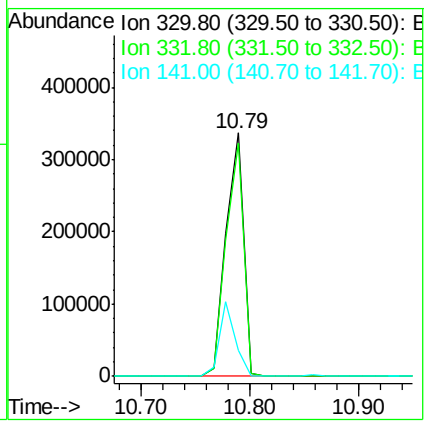




#41
2,4,6-Tribromophenol
Concen: 157.30 ng
RT: 10.79 min Scan# 757
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

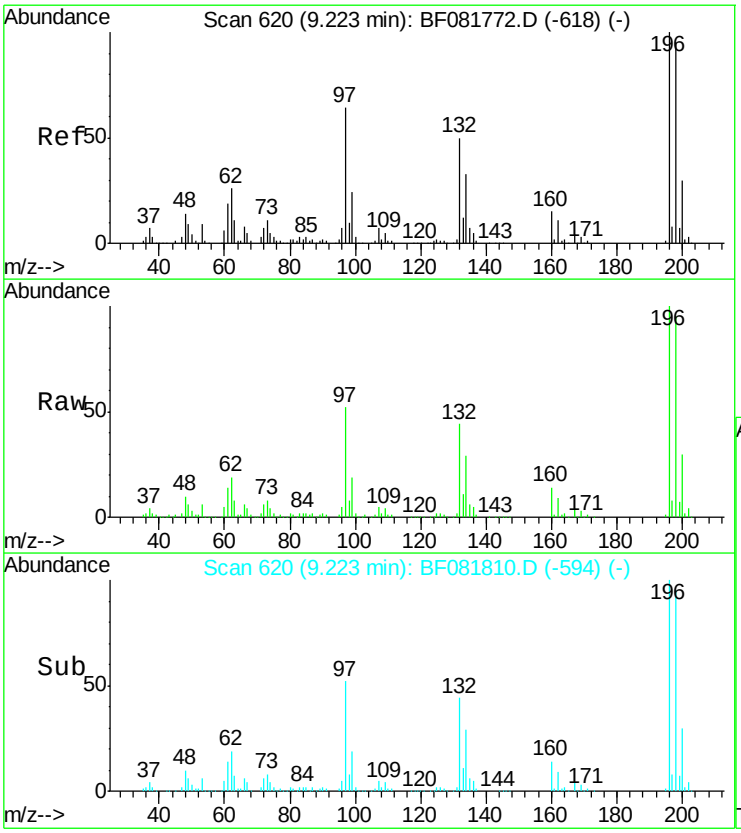
Tgt Ion:330 Resp: 378285

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	114.8
141	28.1	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

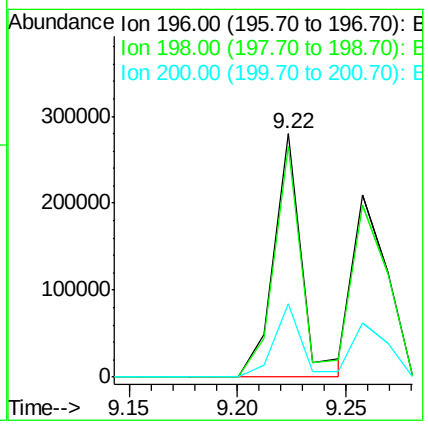
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

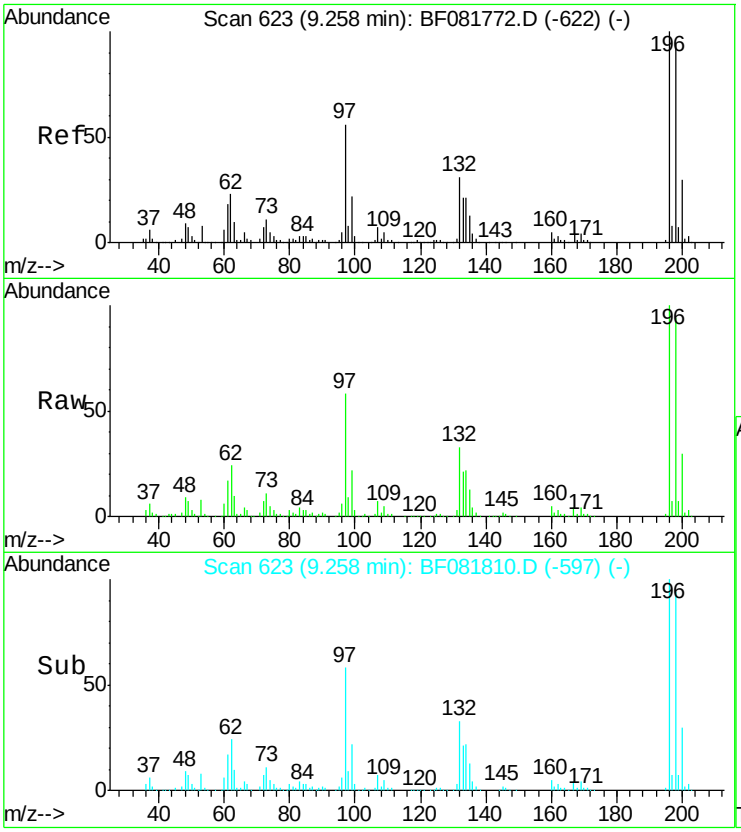


#42
2,4,6-Trichlorophenol
Concen: 43.44 ng
RT: 9.22 min Scan# 620
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:196 Resp: 253076

Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.7	113.5
200	29.9	23.9	35.9

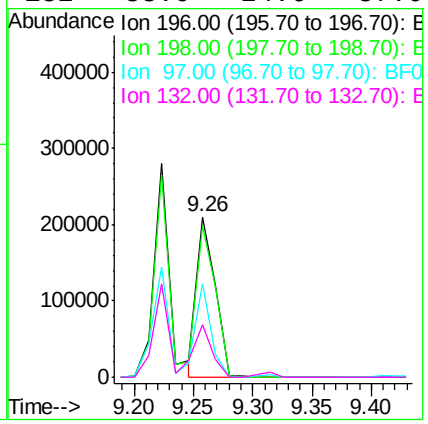




#43
2,4,5-Trichlorophenol
Concen: 40.10 ng
RT: 9.26 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

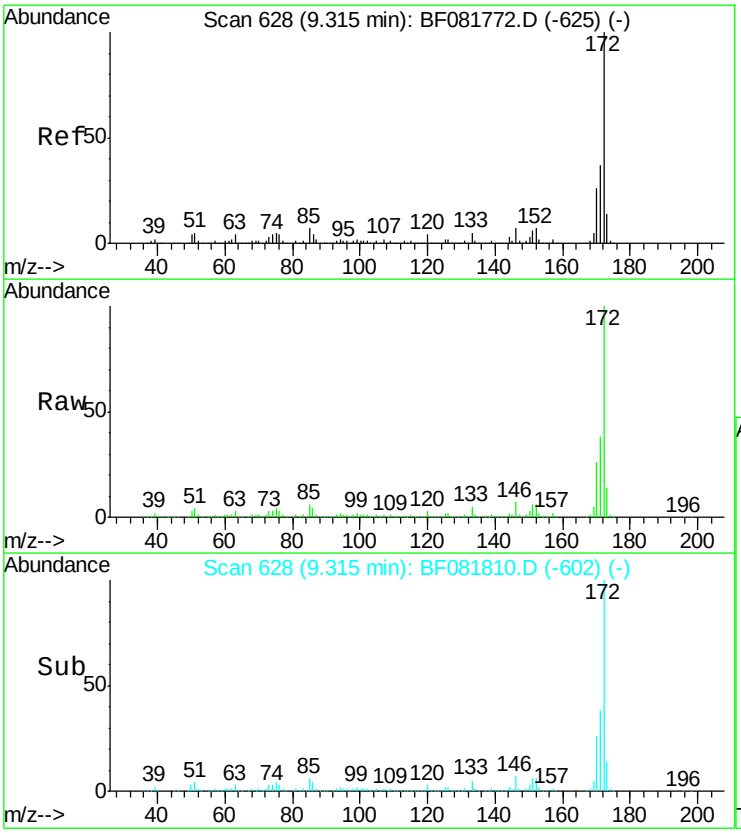
Tgt Ion:196 Resp: 229849

Ion	Ratio	Lower	Upper
196	100		
198	94.4	75.4	113.0
97	58.5	33.3	49.9#
132	33.0	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
SP-1MS

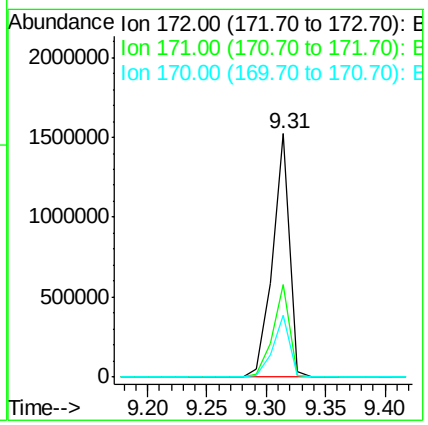
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

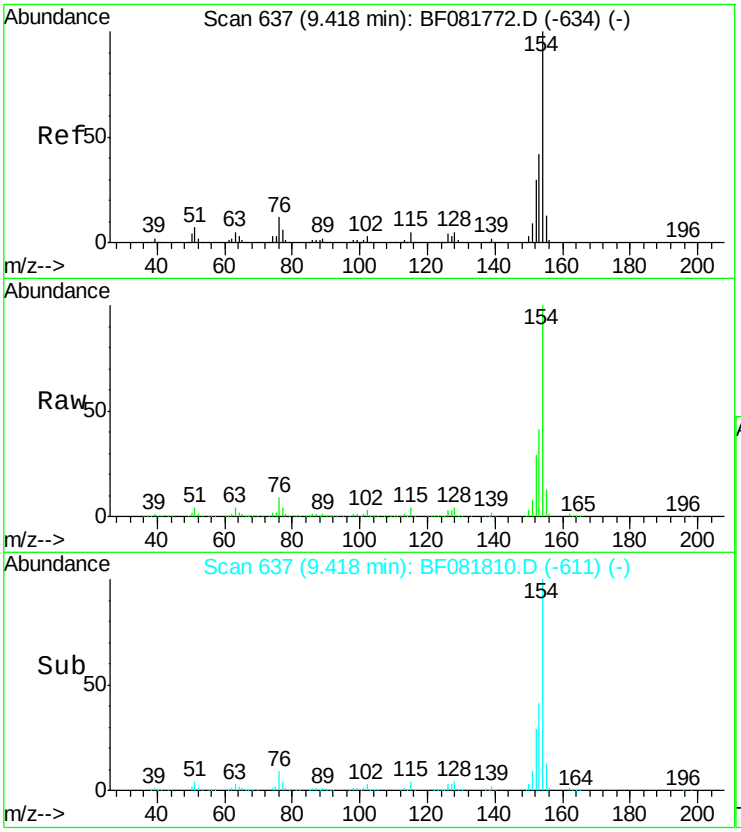


#44
2-Fluorobiphenyl
Concen: 89.04 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:172 Resp: 1502574

Ion	Ratio	Lower	Upper
172	100		
171	38.1	26.1	39.1
170	25.7	17.4	26.2

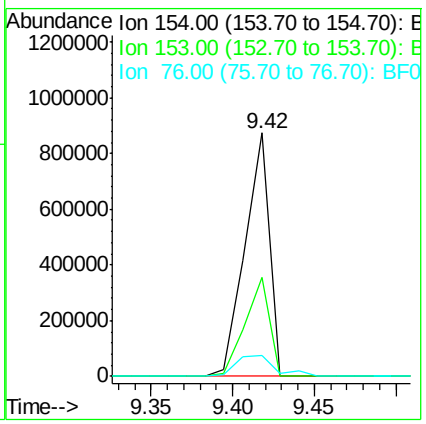




#45
1,1'-Biphenyl
Concen: 41.68 ng
RT: 9.42 min Scan# 637
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

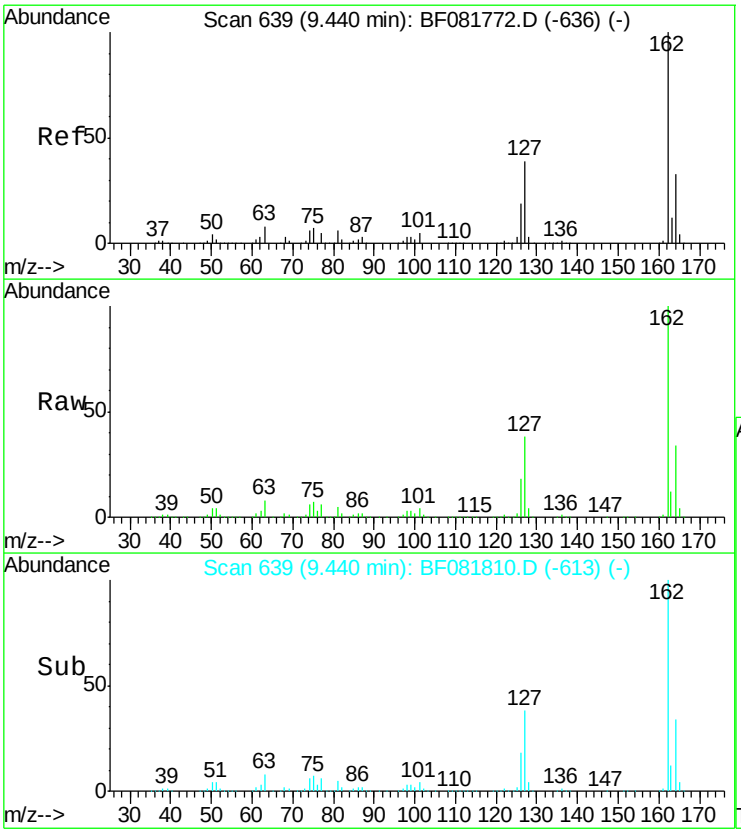
Tgt Ion:154 Resp: 902853

Ion	Ratio	Lower	Upper
154	100		
153	40.7	17.1	57.1
76	8.8	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
SP-1MS

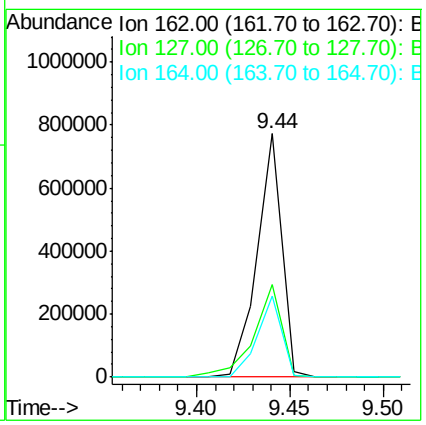
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

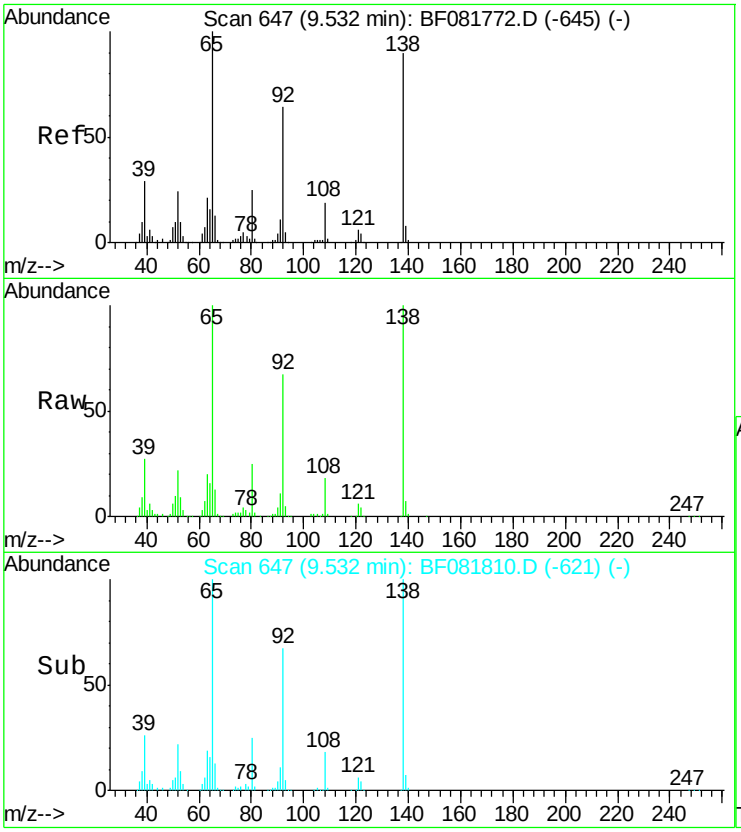


#46
2-Chloronaphthalene
Concen: 40.45 ng
RT: 9.44 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:162 Resp: 704833

Ion	Ratio	Lower	Upper
162	100		
127	38.2	27.6	41.4
164	33.5	25.4	38.2

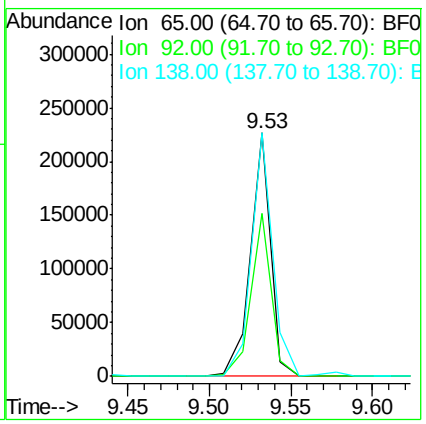




#47
2-Nitroaniline
Concen: 41.96 ng
RT: 9.53 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

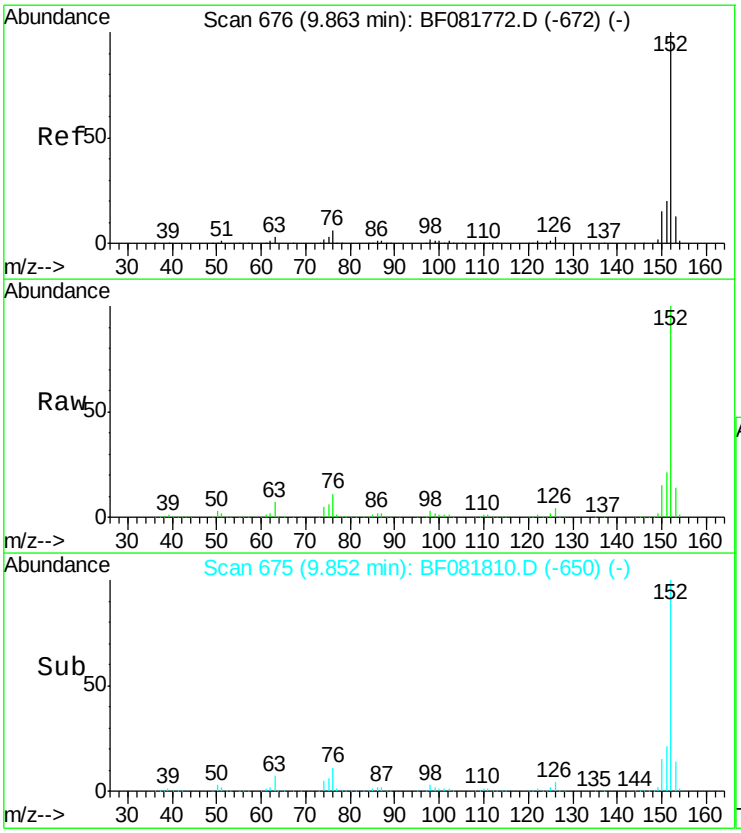
Tgt Ion: 65 Resp: 194425

Ion	Ratio	Lower	Upper
65	100		
92	67.0	55.4	83.0
138	100.1	115.5	173.3#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

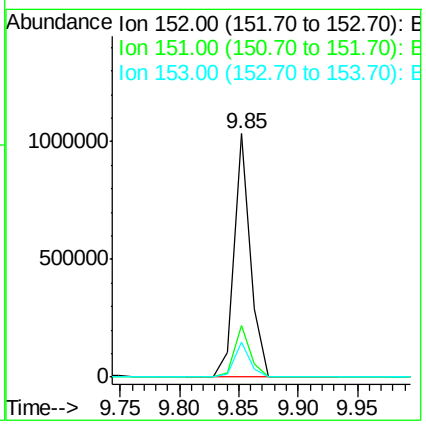
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

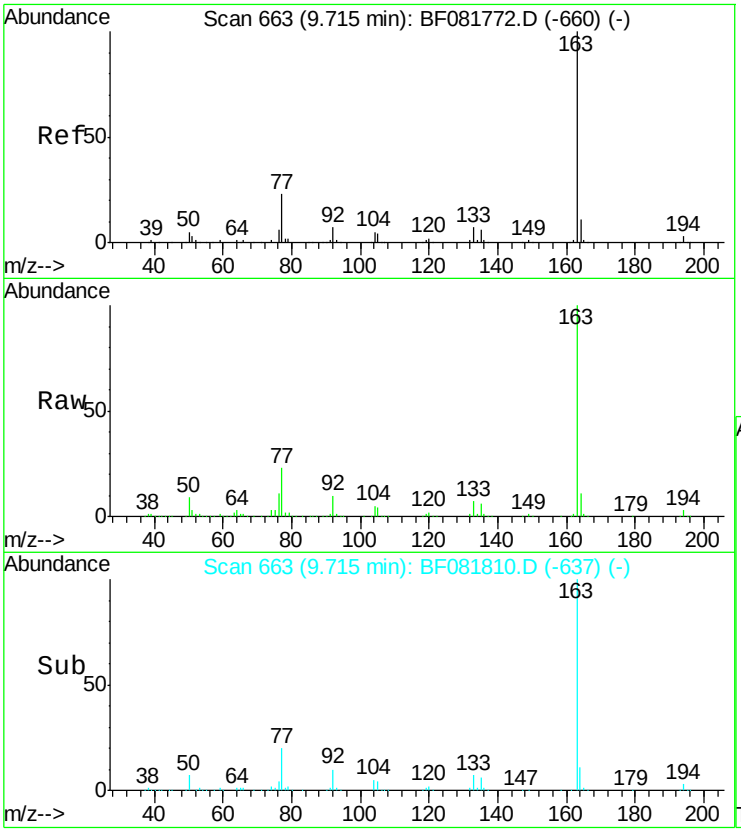


#48
Acenaphthylene
Concen: 33.37 ng
RT: 9.85 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:152 Resp: 983892

Ion	Ratio	Lower	Upper
152	100		
151	21.0	14.6	22.0
153	14.2	10.3	15.5

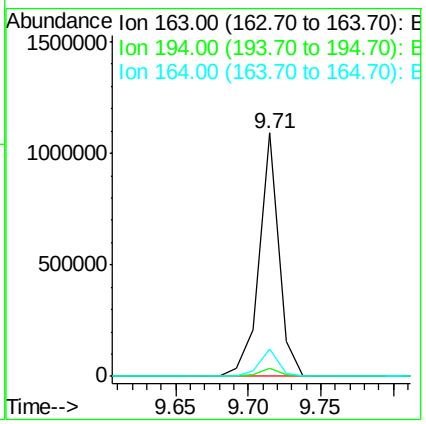




#49
Dimethylphthalate
Concen: 48.70 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

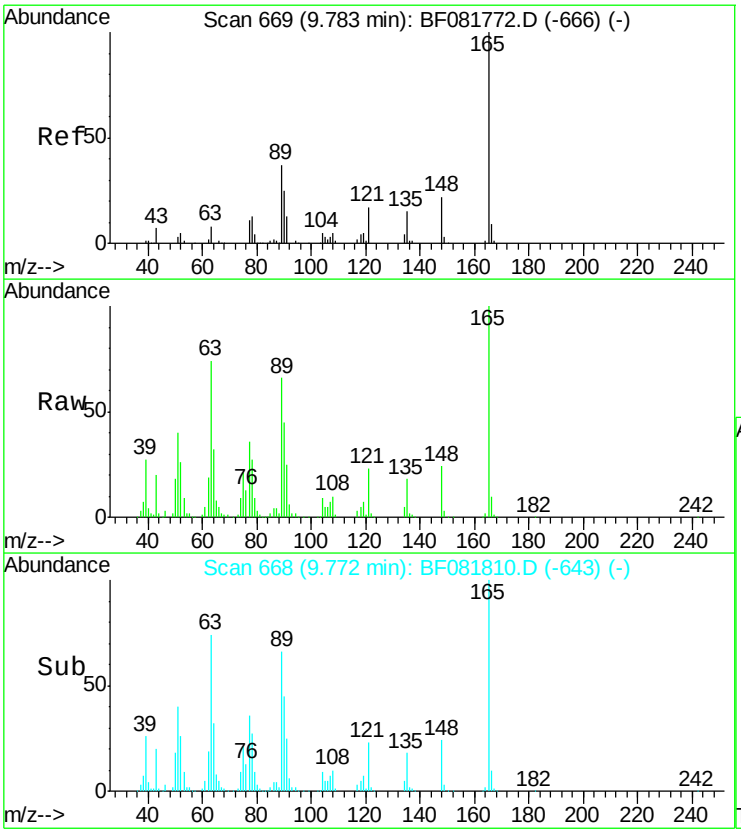
Tgt Ion:163 Resp: 1026515

Ion	Ratio	Lower	Upper
163	100		
194	3.3	4.4	6.6#
164	11.0	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SP-1MS

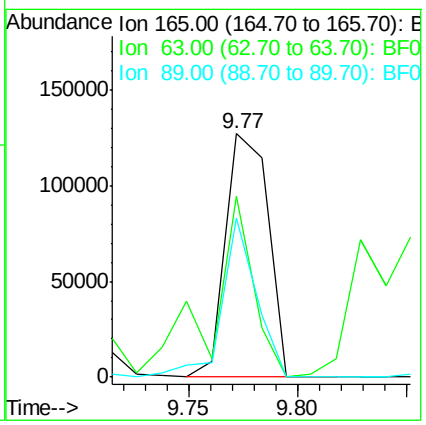
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

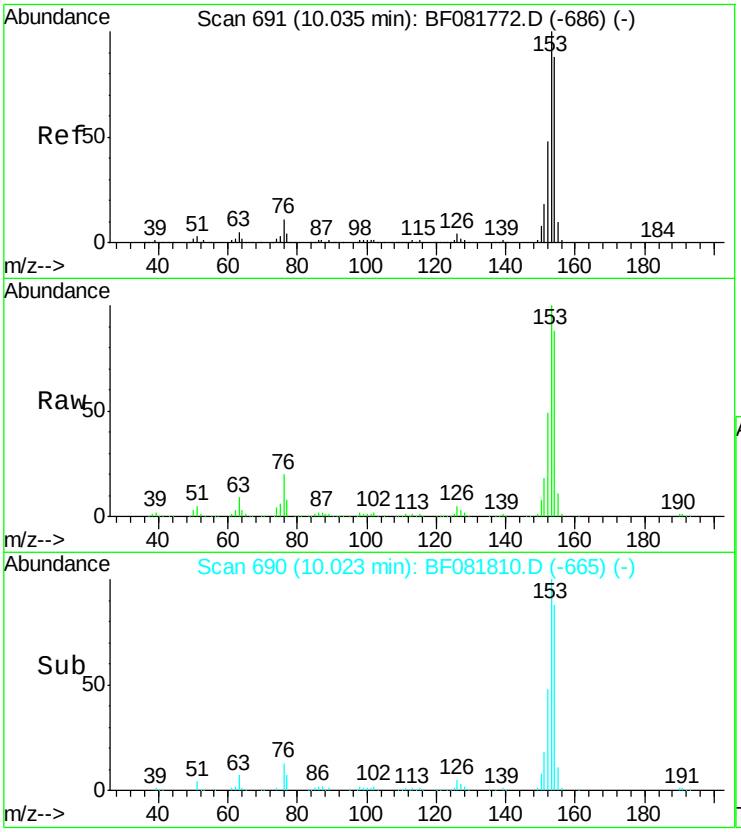


#50
2,6-Dinitrotoluene
Concen: 42.27 ng
RT: 9.77 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:165 Resp: 171971

Ion	Ratio	Lower	Upper
165	100		
63	74.1	32.3	48.5#
89	65.6	28.6	43.0#

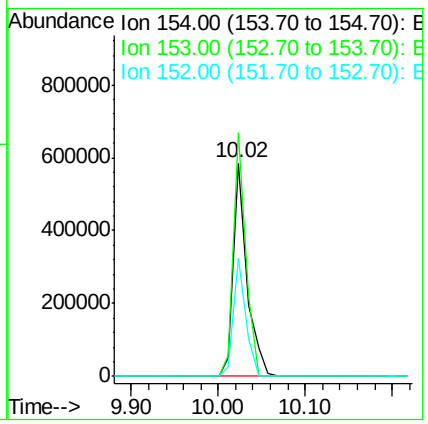




#51
Acenaphthene
Concen: 37.31 ng
RT: 10.02 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

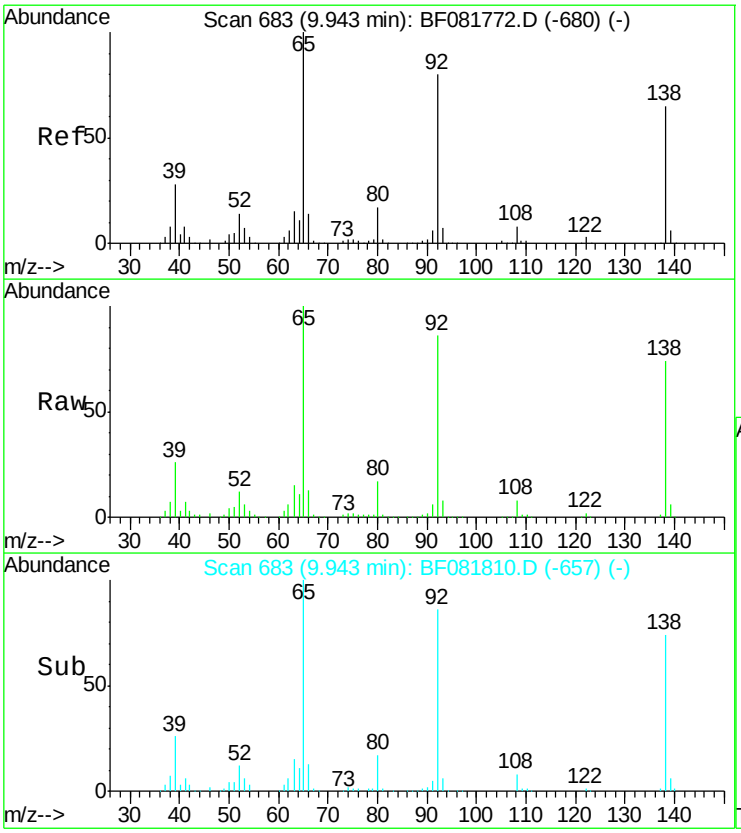
Tgt Ion:154 Resp: 633947

Ion	Ratio	Lower	Upper
154	100		
153	114.1	82.1	123.1
152	55.4	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
SP-1MS

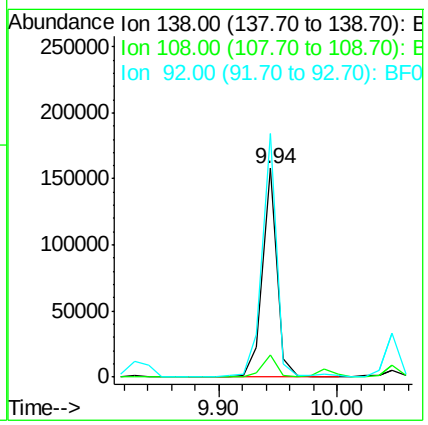
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

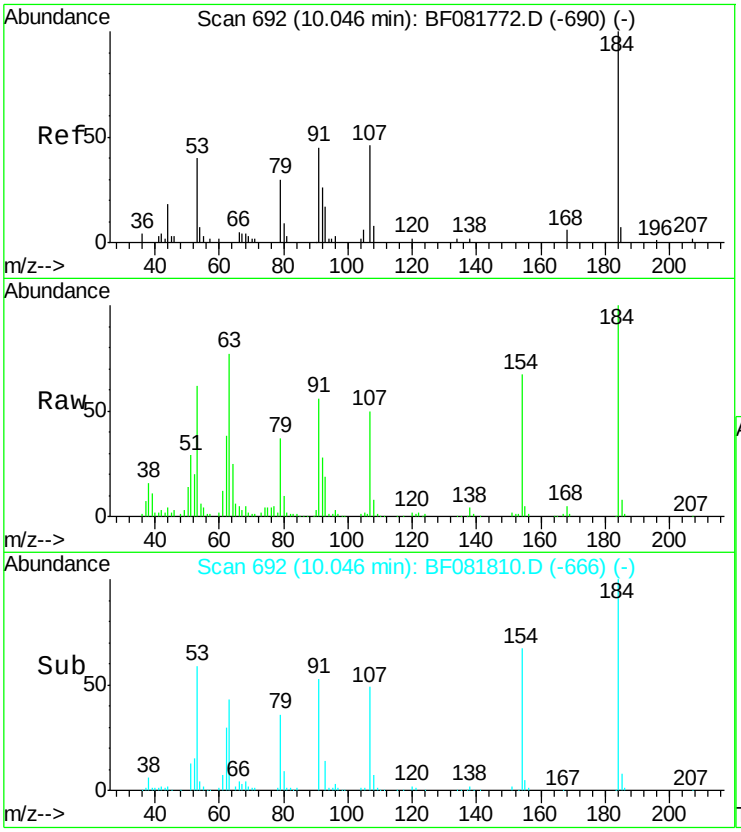


#52
3-Nitroaniline
Concen: 31.00 ng
RT: 9.94 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:138 Resp: 136786

Ion	Ratio	Lower	Upper
138	100		
108	10.5	5.7	8.5#
92	116.7	67.7	101.5#

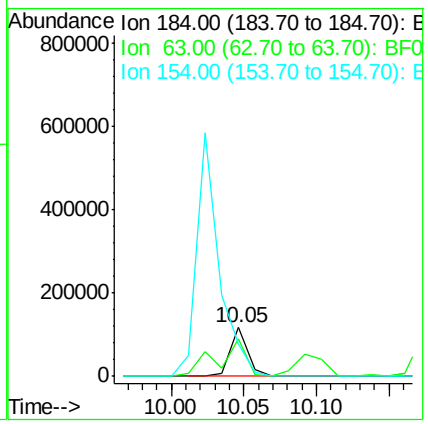




#53
2,4-Dinitrophenol
Concen: 100.50 ng
RT: 10.05 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

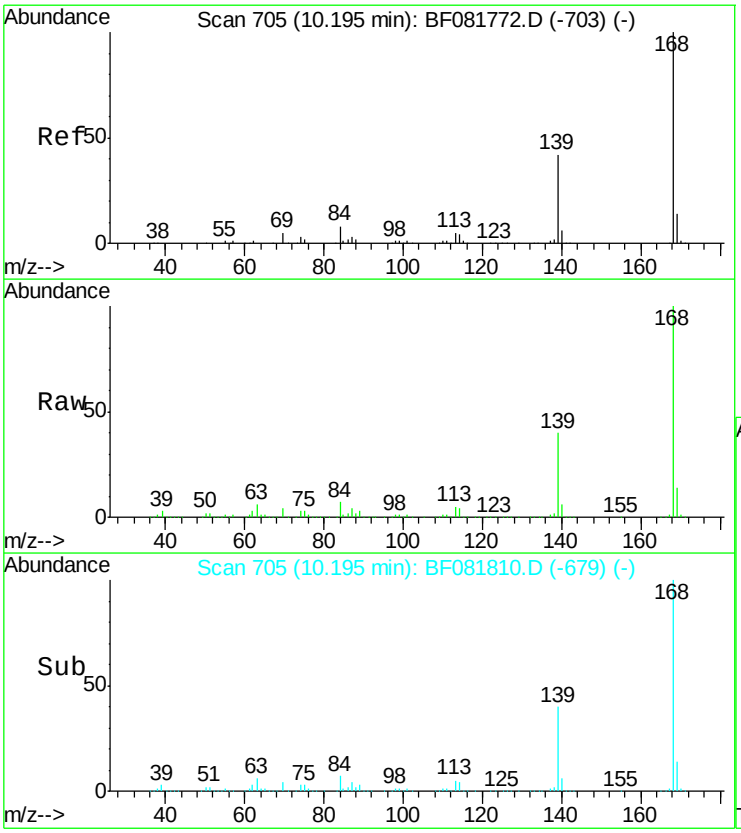
Tgt Ion:184 Resp: 99317

Ion	Ratio	Lower	Upper
184	100		
63	77.5	35.4	53.2#
154	66.9	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

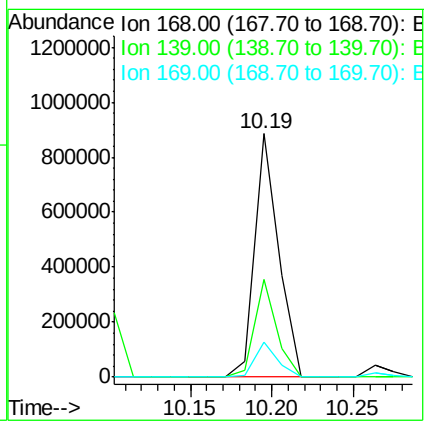
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

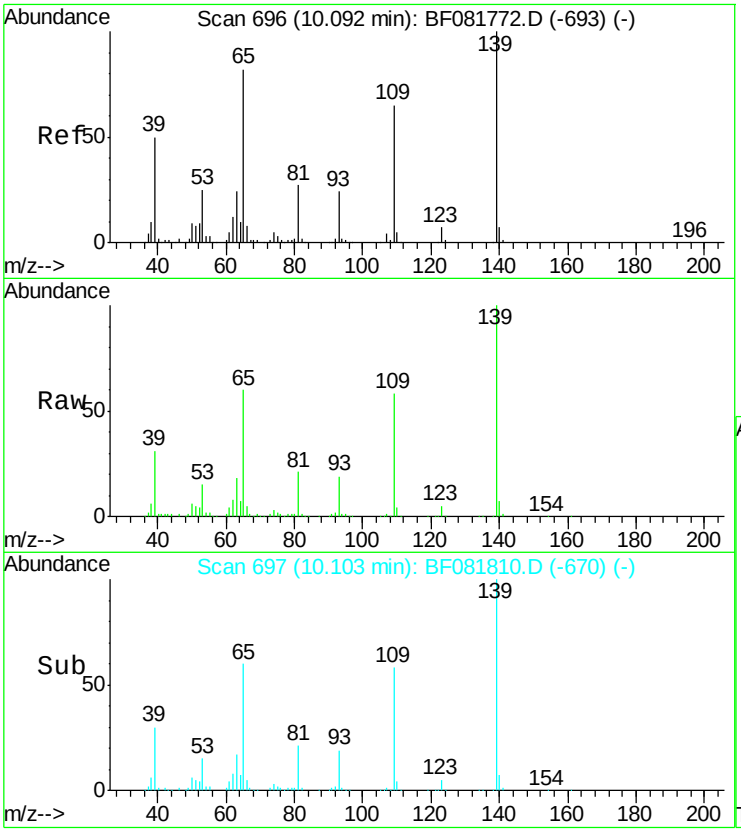


#54
Dibenzofuran
Concen: 36.17 ng
RT: 10.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:168 Resp: 901677

Ion	Ratio	Lower	Upper
168	100		
139	40.2	24.2	36.2#
169	14.2	10.6	15.8





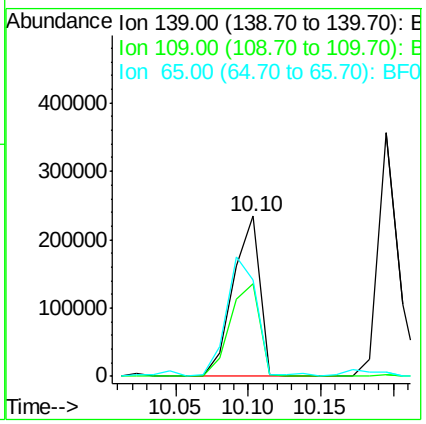
#55
4-Nitrophenol
Concen: 98.40 ng
RT: 10.10 min Scan# 697
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

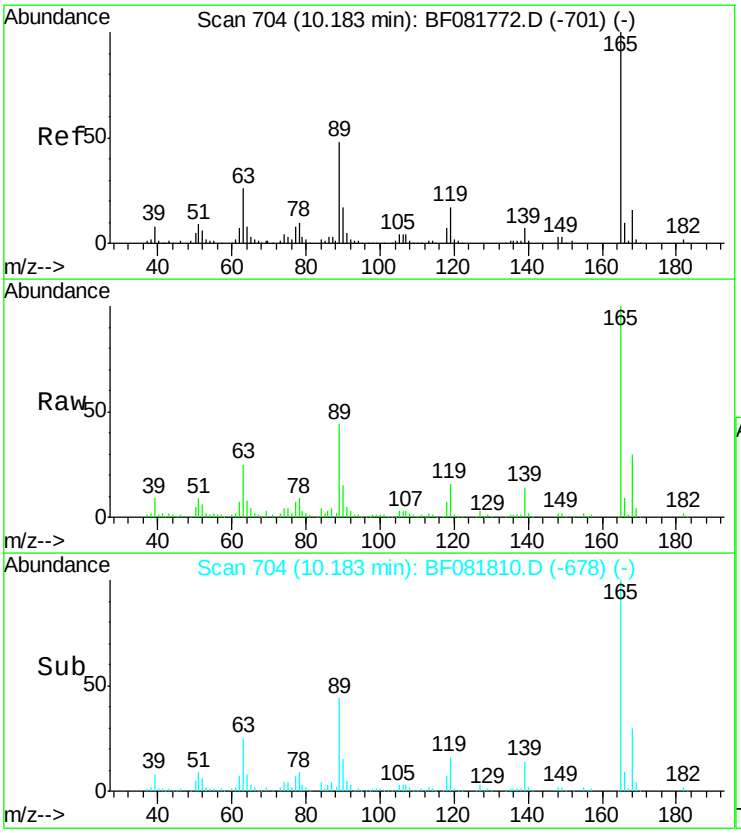
Tgt Ion:139 Resp: 299446

Ion	Ratio	Lower	Upper
139	100		
109	57.9	12.7	52.7#
65	60.0	45.9	85.9

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

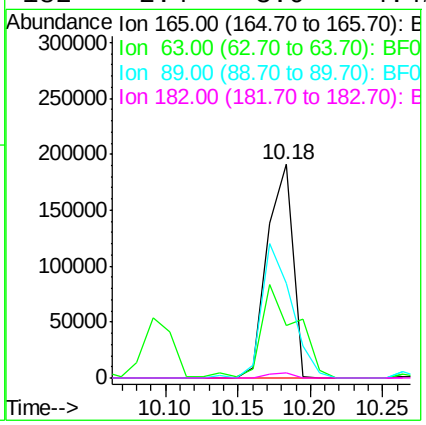


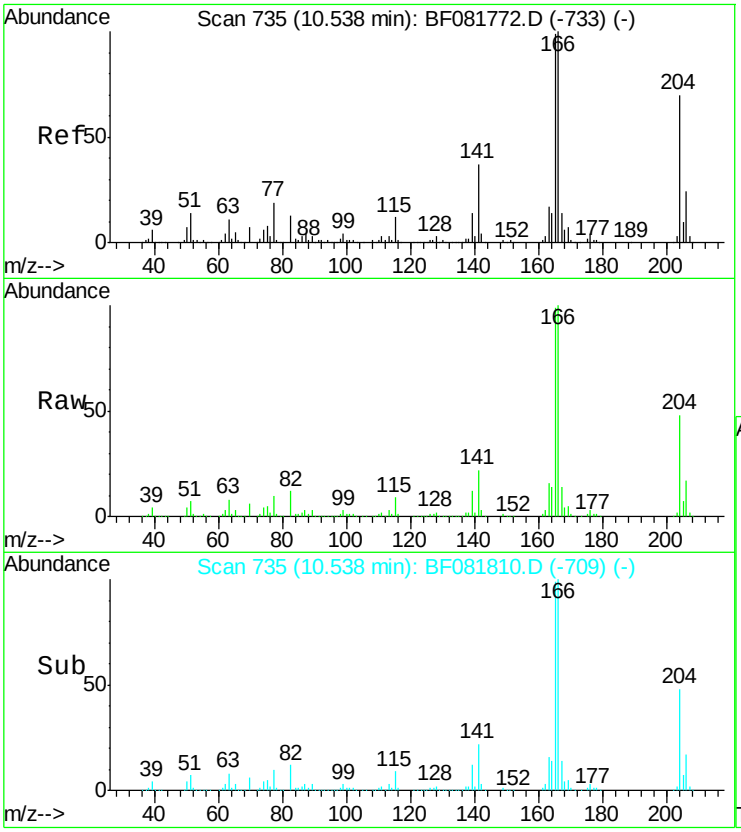


#56
2,4-Dinitrotoluene
Concen: 48.05 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:165 Resp: 234034

Ion	Ratio	Lower	Upper
165	100		
63	24.9	29.8	44.6#
89	44.1	44.5	66.7#
182	2.4	3.0	4.4#

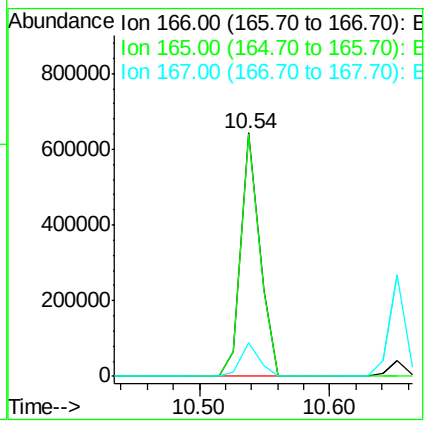




#57
Fluorene
Concen: 33.67 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

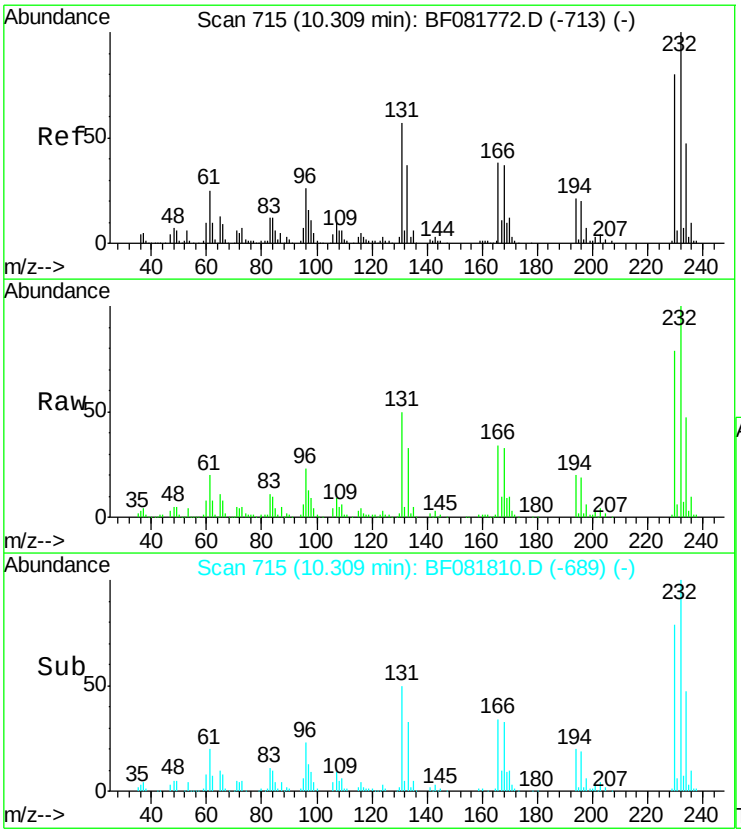
Tgt Ion:166 Resp: 644088

Ion	Ratio	Lower	Upper
166	100		
165	99.4	72.6	109.0
167	14.0	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
SP-1MS

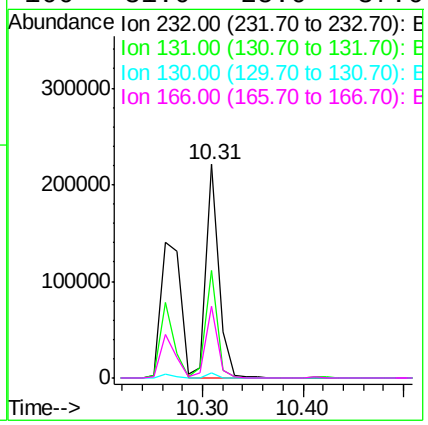
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

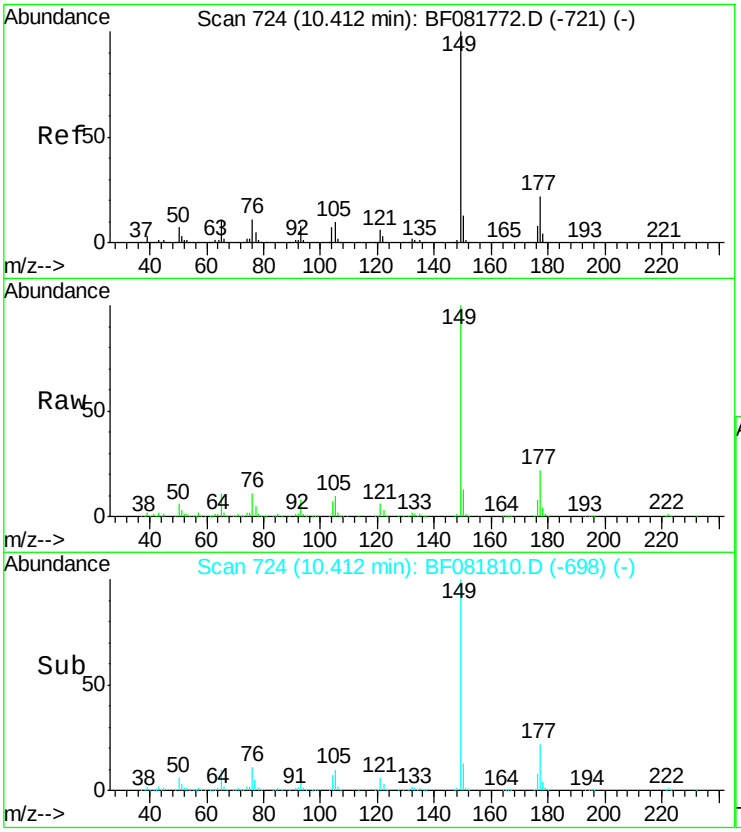


#58
2,3,4,6-Tetrachlorophenol
Concen: 45.07 ng
RT: 10.31 min Scan# 715
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:232 Resp: 197176

Ion	Ratio	Lower	Upper
232	100		
131	45.6	38.5	57.7
130	2.2	1.8	2.6
166	31.0	25.0	37.6

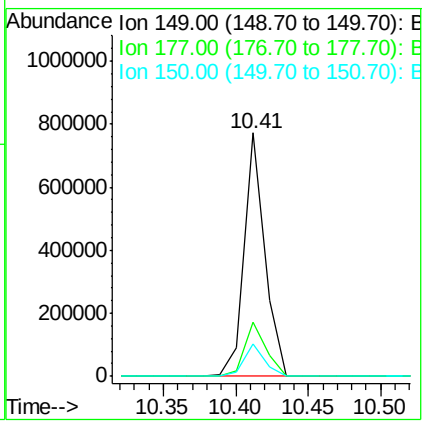




#59
Diethylphthalate
Concen: 37.36 ng
RT: 10.41 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

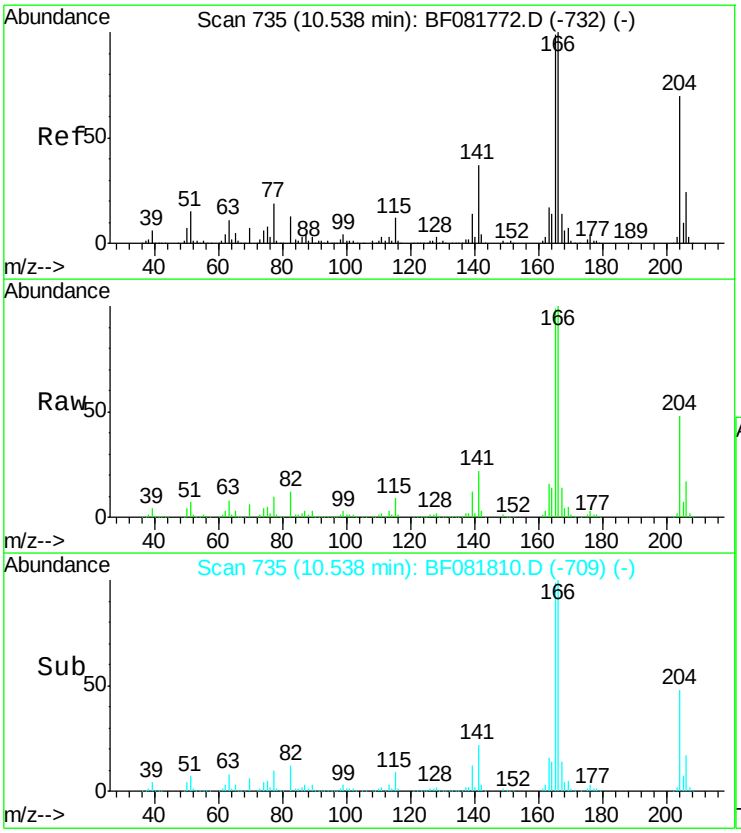
Tgt Ion:149 Resp: 762773

Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.5	26.3
150	13.3	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
SP-1MS

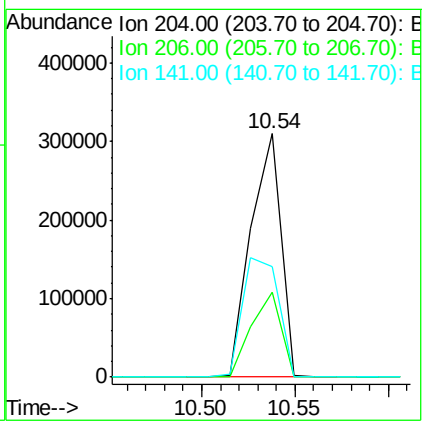
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

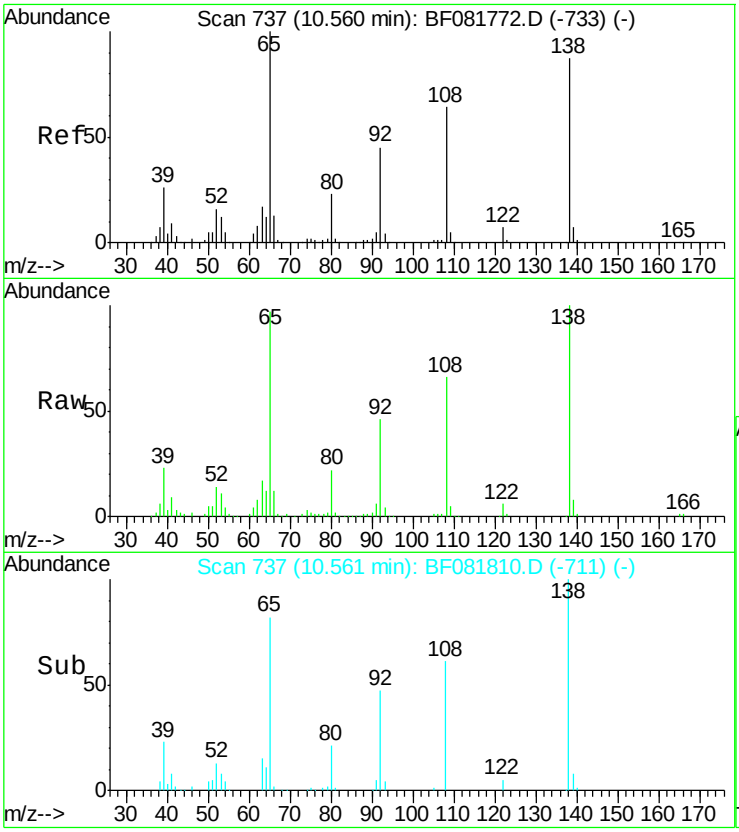


#60
4-Chlorophenyl-phenylether
Concen: 39.34 ng
RT: 10.54 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:204 Resp: 345499

Ion	Ratio	Lower	Upper
204	100		
206	34.7	24.8	37.2
141	45.6	42.2	63.4

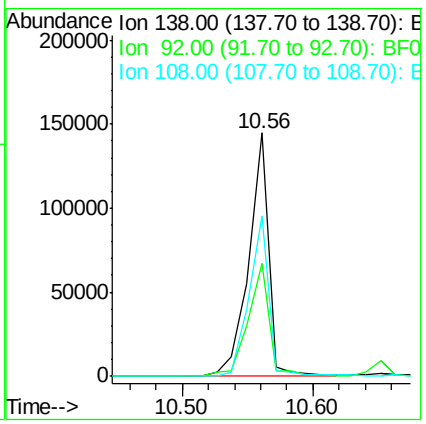




#61
4-Nitroaniline
Concen: 35.93 ng
RT: 10.56 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

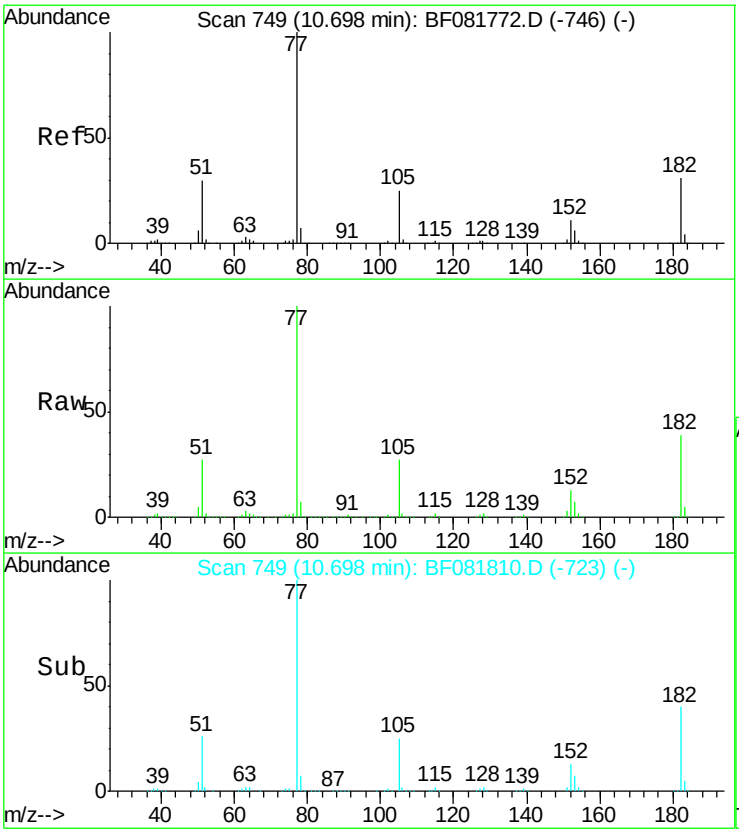
Tgt Ion:138 Resp: 154032

Ion	Ratio	Lower	Upper
138	100		
92	46.5	12.6	52.6
108	65.8	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

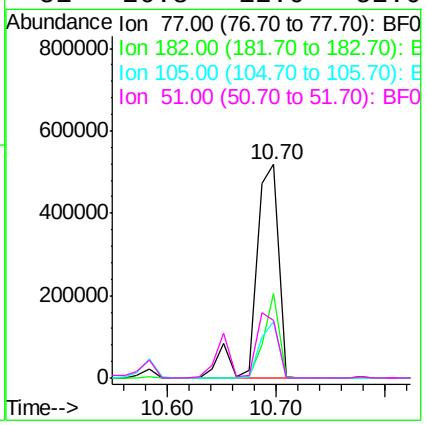
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

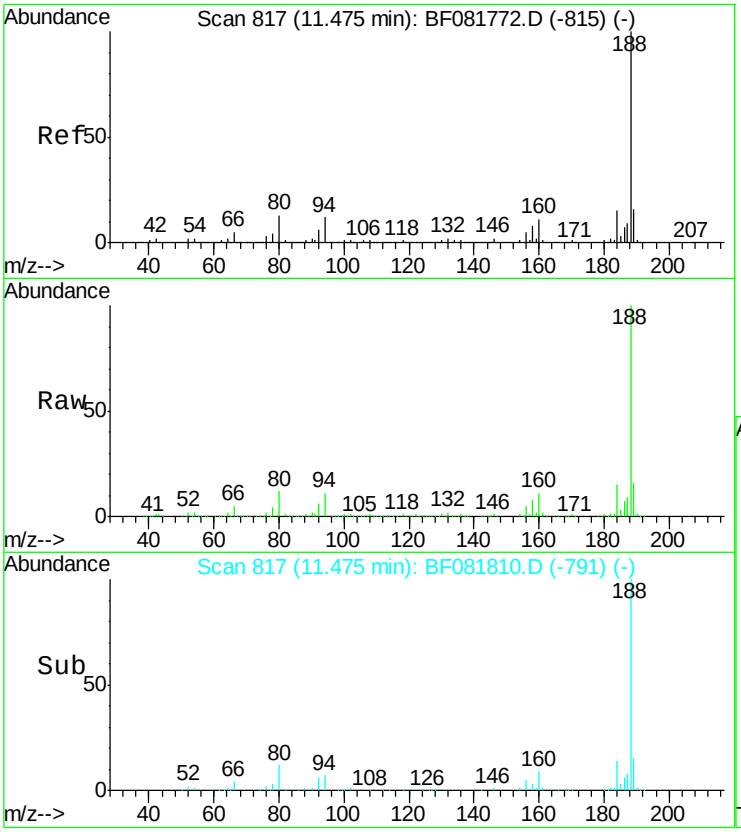


#62
Azobenzene
Concen: 36.81 ng
RT: 10.70 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion: 77 Resp: 768263

Ion	Ratio	Lower	Upper
77	100		
182	39.4	15.1	55.1
105	26.6	3.4	43.4
51	26.8	12.0	52.0

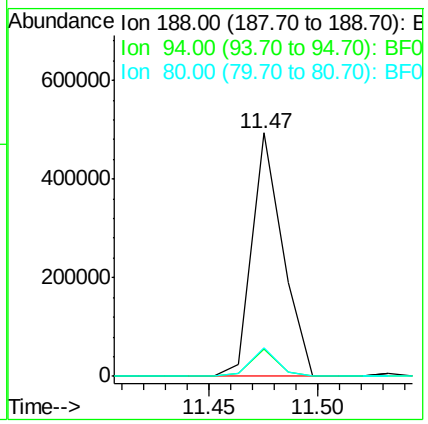




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

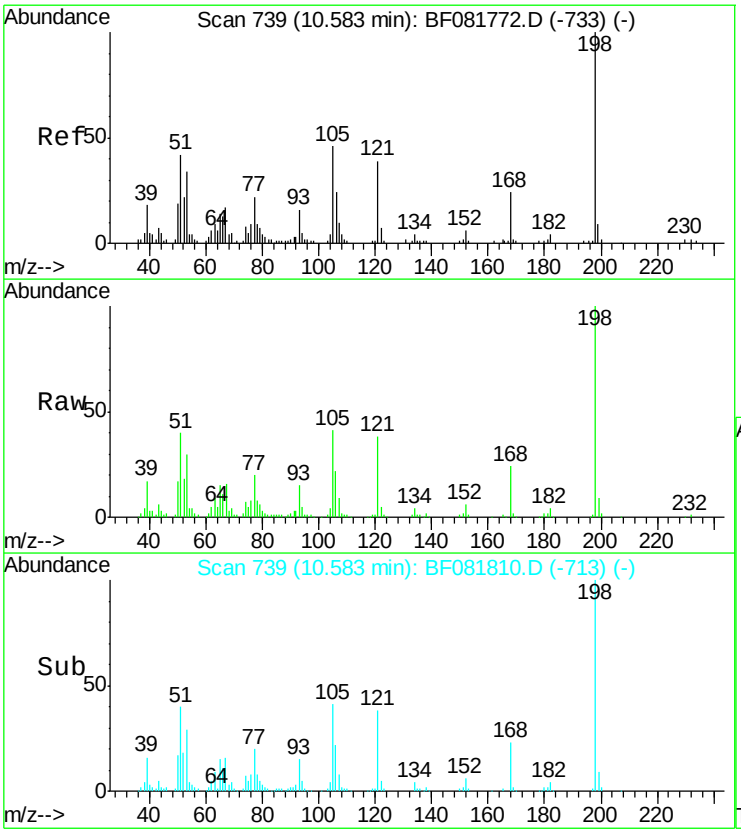
Tgt Ion:188 Resp: 487519

Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	12.0	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SP-1MS

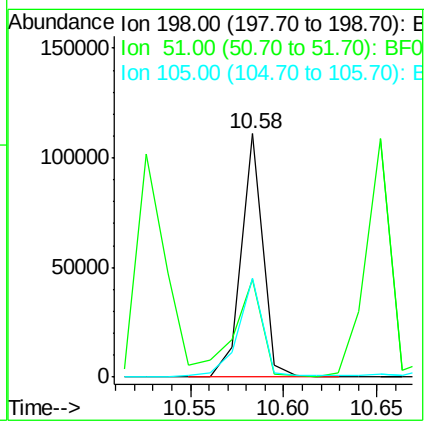
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

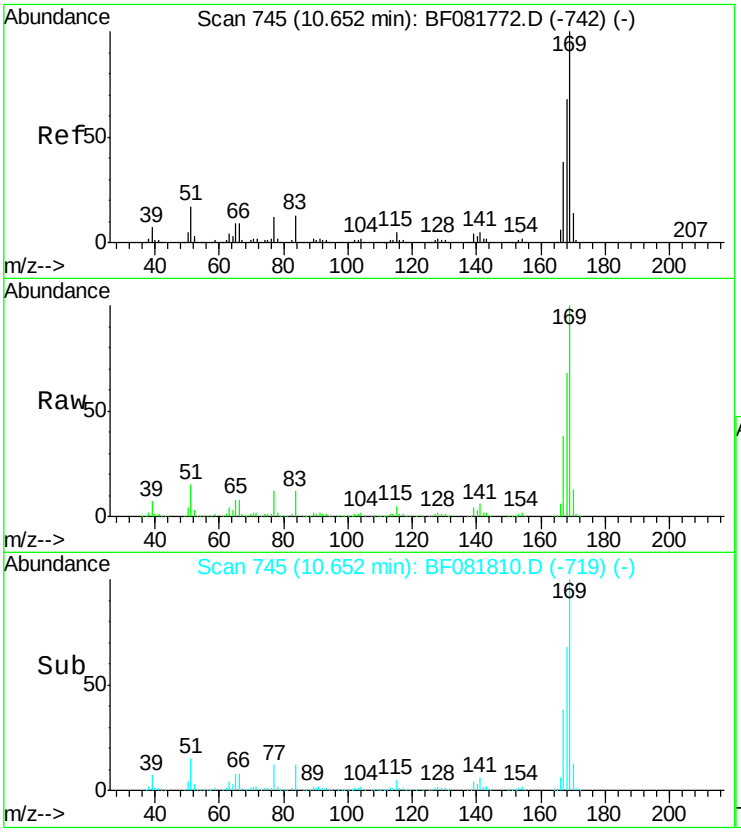


#64
4,6-Dinitro-2-methylphenol
Concen: 65.56 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:198 Resp: 89638

Ion	Ratio	Lower	Upper
198	100		
51	39.9	39.6	79.6
105	40.8	28.5	68.5

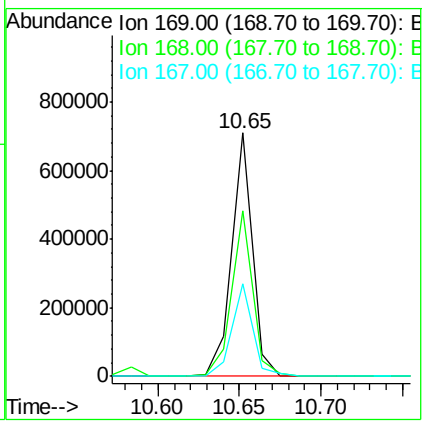




#65
n-Nitrosodiphenylamine
Concen: 37.53 ng
RT: 10.65 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

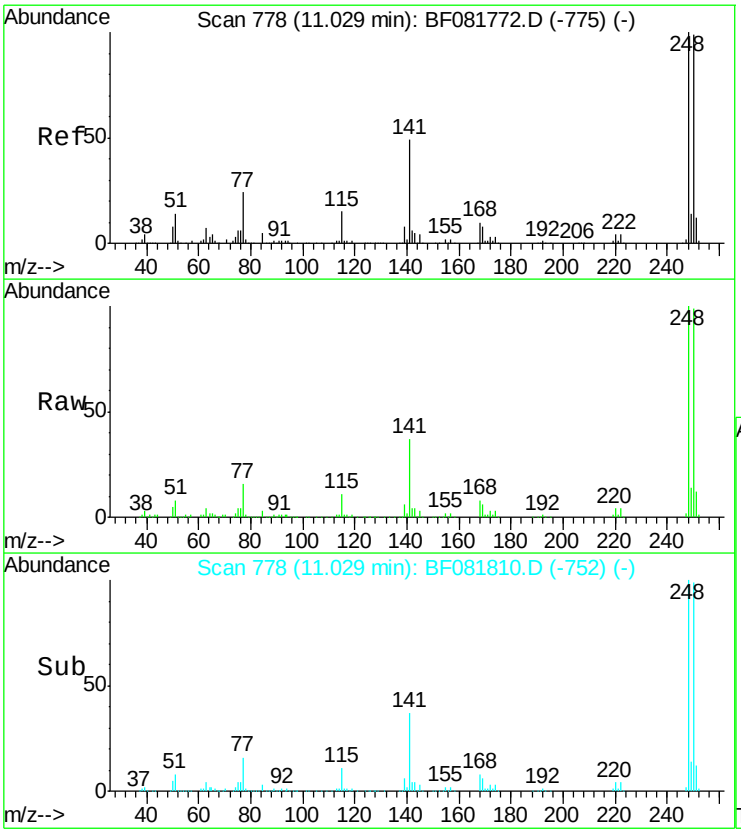
Tgt Ion:169 Resp: 616992

Ion	Ratio	Lower	Upper
169	100		
168	68.1	48.9	73.3
167	37.8	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
SP-1MS

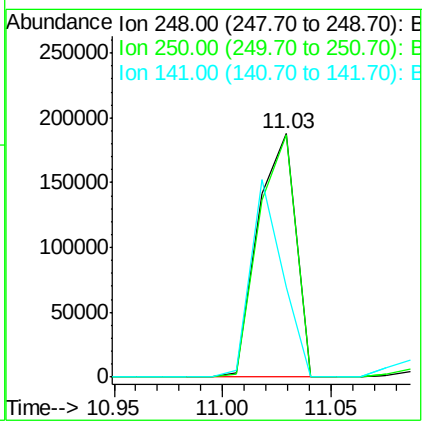
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

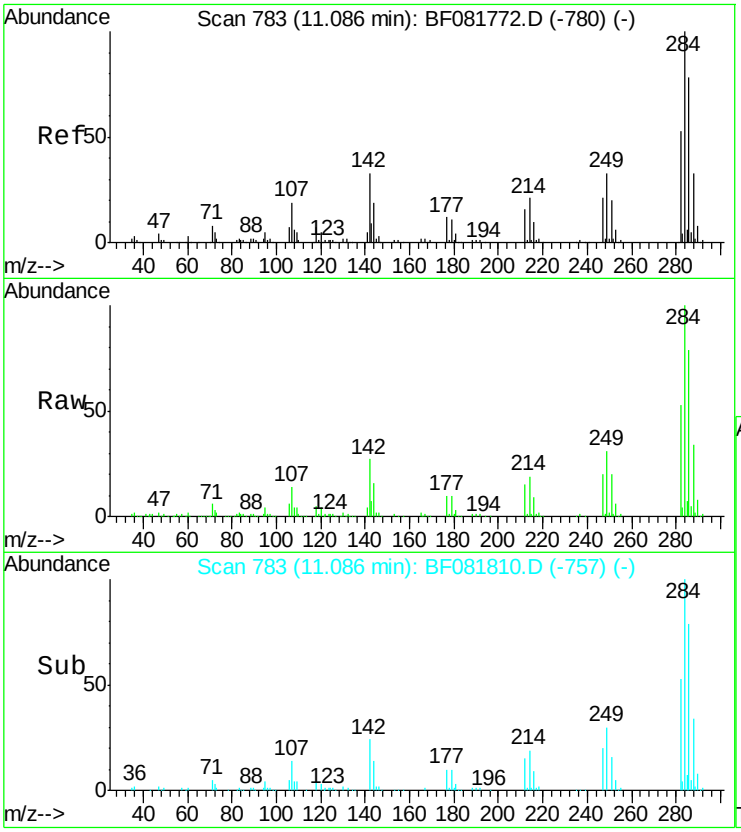


#66
4-Bromophenyl-phenylether
Concen: 42.13 ng
RT: 11.03 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:248 Resp: 228698

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.5	117.7
141	36.9	59.0	88.6#

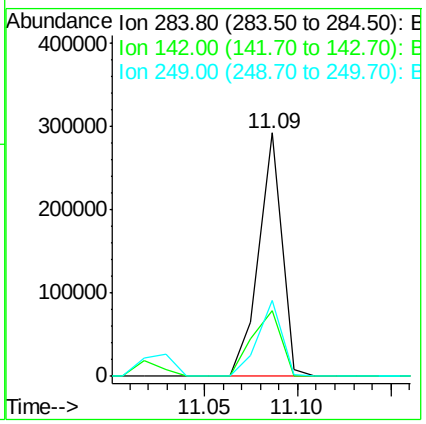




#67
Hexachlorobenzene
Concen: 44.44 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

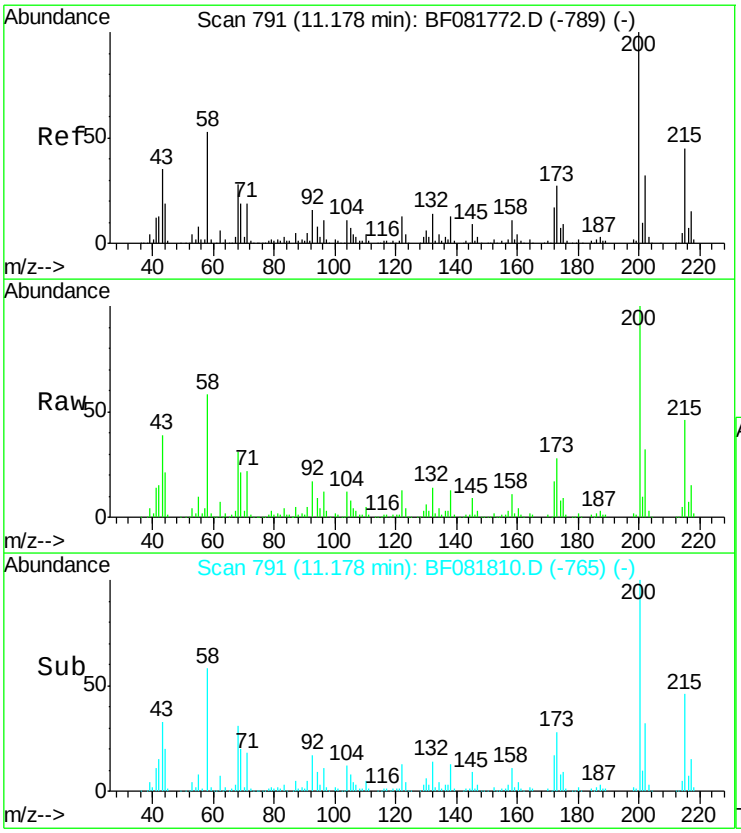
Tgt Ion:284 Resp: 251668

Ion	Ratio	Lower	Upper
284	100		
142	27.0	29.5	44.3#
249	31.2	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

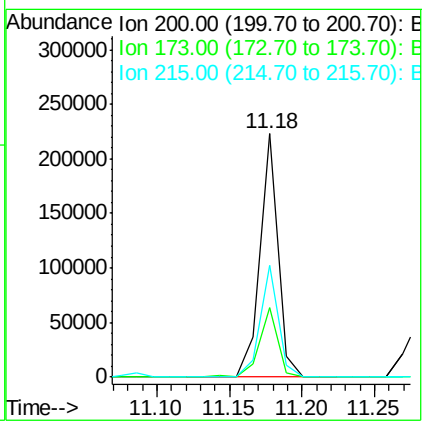
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

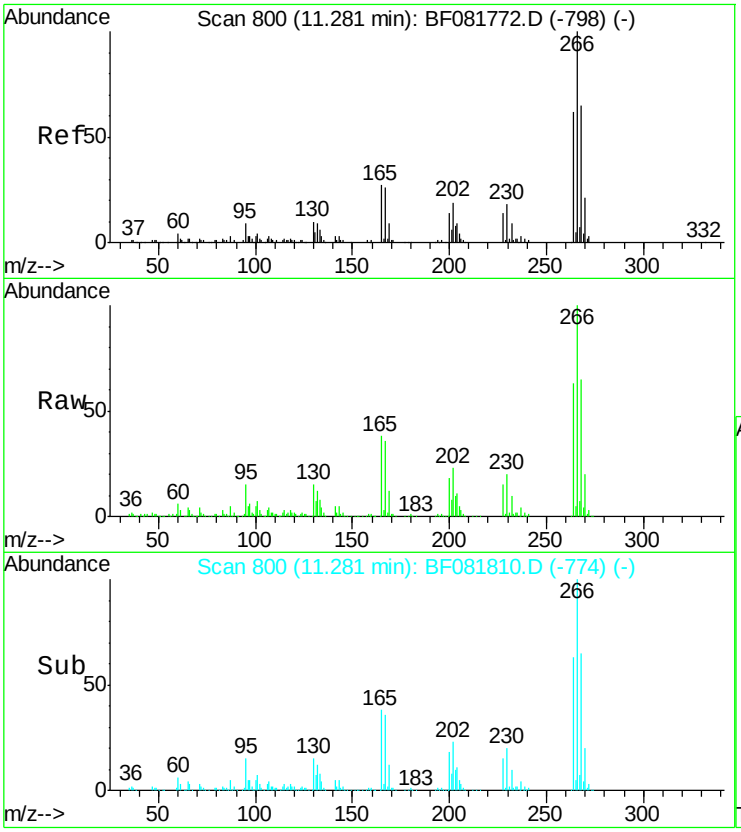


#68
Atrazine
Concen: 39.27 ng
RT: 11.18 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:200 Resp: 193028

Ion	Ratio	Lower	Upper
200	100		
173	28.4	13.2	53.2
215	46.1	41.8	81.8

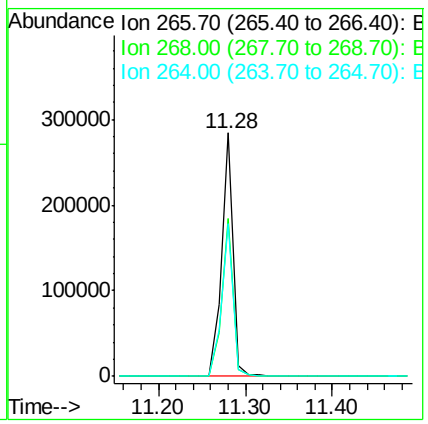




#69
Pentachlorophenol
Concen: 85.16 ng
RT: 11.28 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

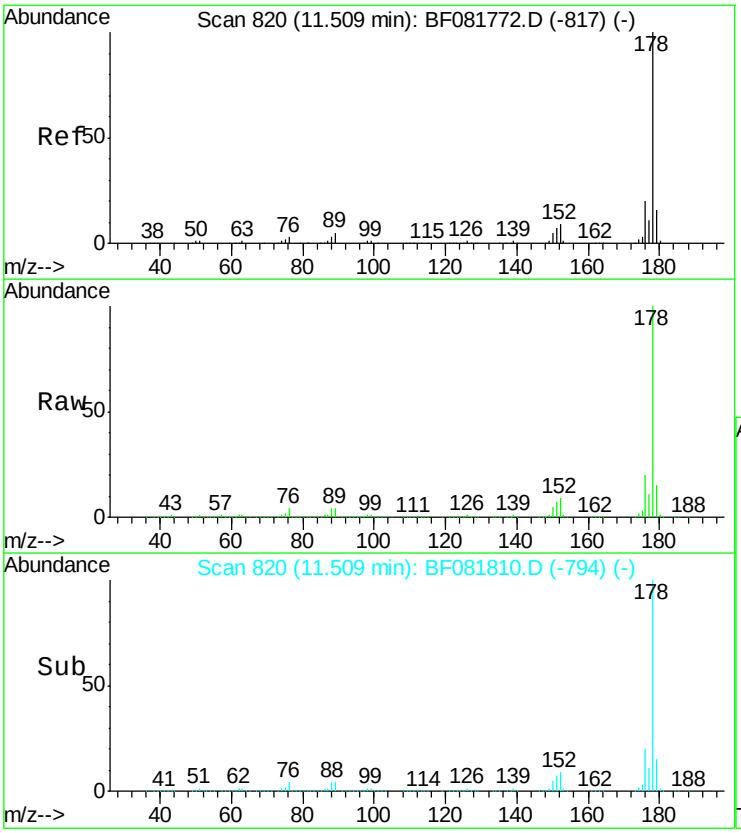
Tgt Ion:266 Resp: 267849

Ion	Ratio	Lower	Upper
266	100		
268	64.6	49.8	74.6
264	62.9	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
SP-1MS

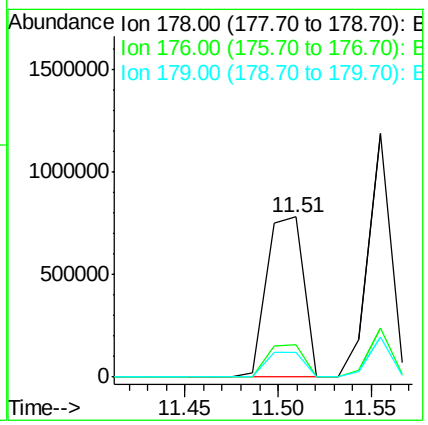
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

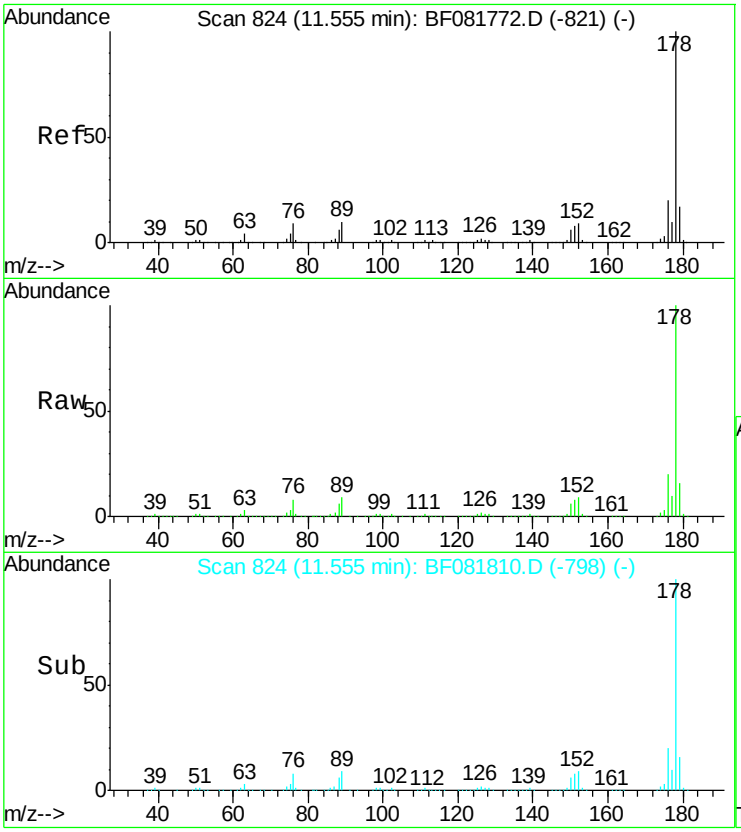


#70
Phenanthrene
Concen: 38.37 ng
RT: 11.51 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:178 Resp: 1069524

Ion	Ratio	Lower	Upper
178	100		
176	19.9	13.8	20.8
179	15.4	12.2	18.2

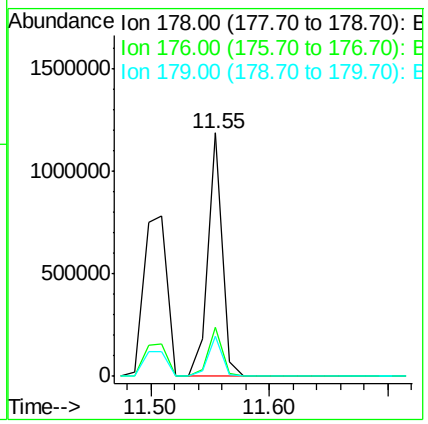




#71
Anthracene
Concen: 37.00 ng
RT: 11.55 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

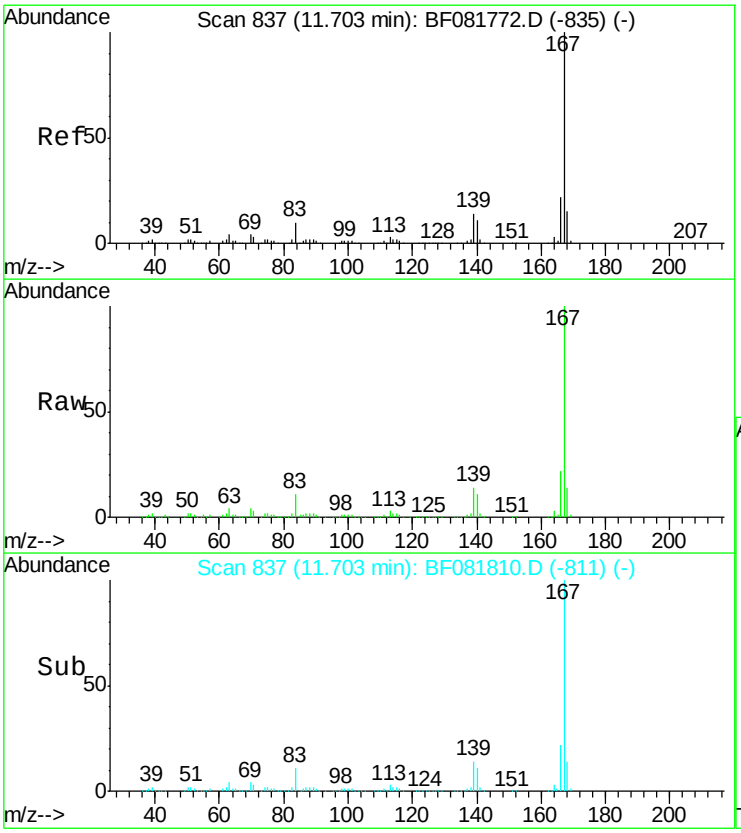
Tgt Ion:178 Resp: 993715

Ion	Ratio	Lower	Upper
178	100		
176	20.1	14.1	21.1
179	16.3	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SP-1MS

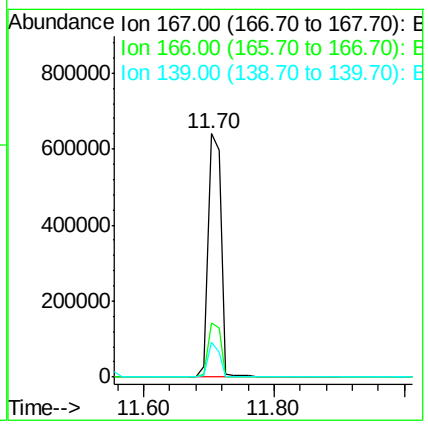
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

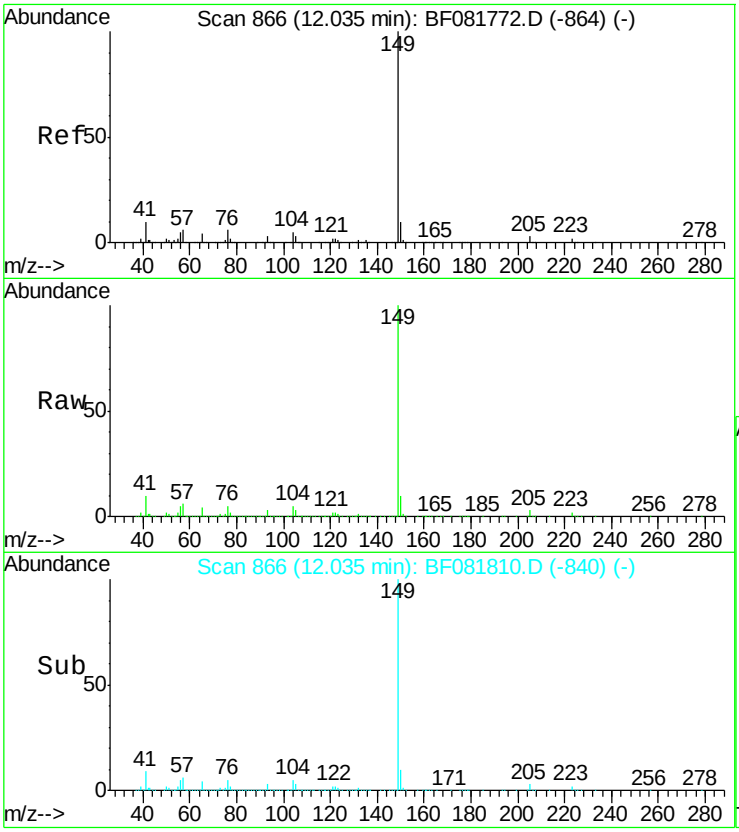


#72
Carbazole
Concen: 35.79 ng
RT: 11.70 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:167 Resp: 892336

Ion	Ratio	Lower	Upper
167	100		
166	22.1	15.7	23.5
139	14.2	9.5	14.3

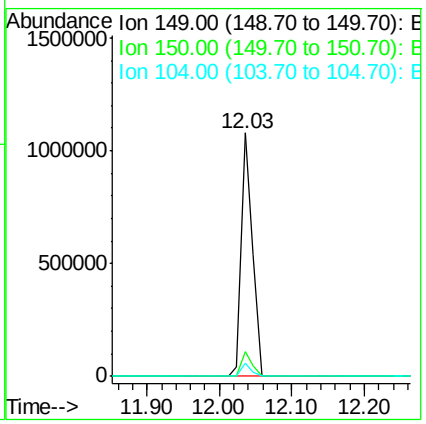




#73
Di-n-butylphthalate
Concen: 37.71 ng
RT: 12.03 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

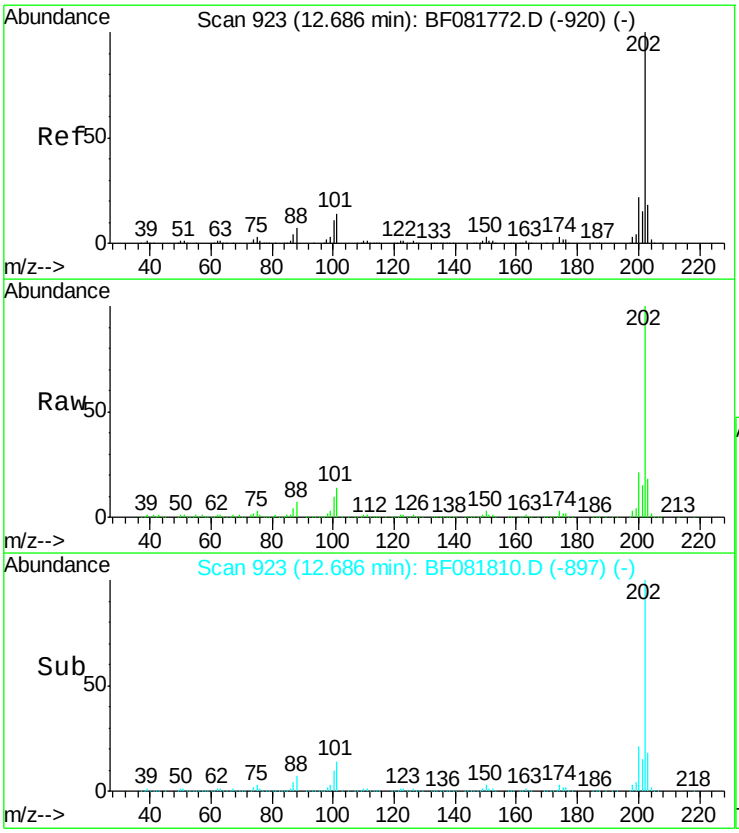
Tgt Ion:149 Resp: 1144471

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.2
104	5.4	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

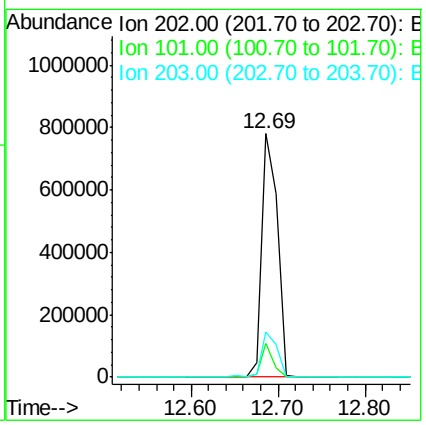
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

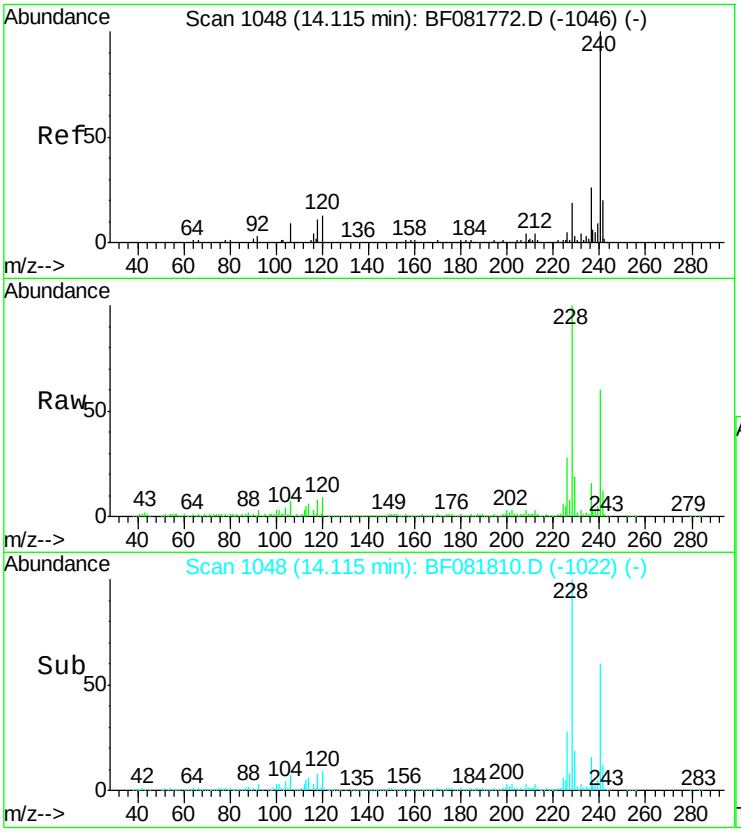


#74
Fluoranthene
Concen: 34.93 ng
RT: 12.69 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:202 Resp: 981036

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	38.3
203	18.4	0.0	37.3

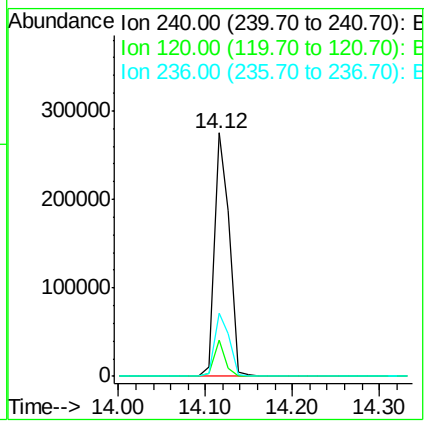




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

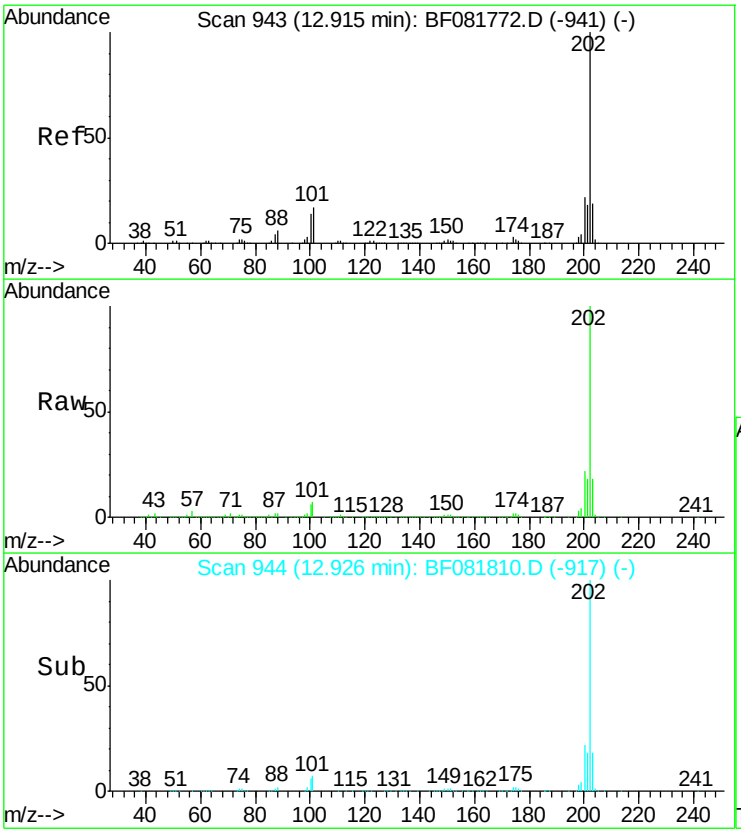
Tgt Ion:240 Resp: 330147

Ion	Ratio	Lower	Upper
240	100		
120	14.7	16.2	24.2#
236	26.0	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
SP-1MS

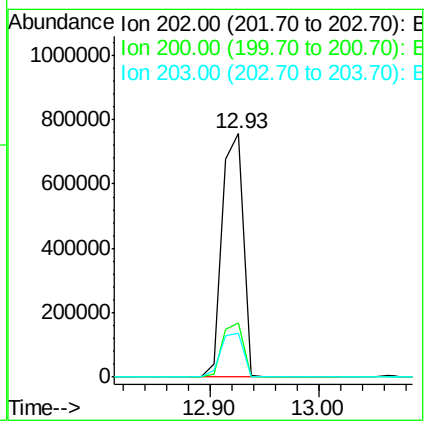
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

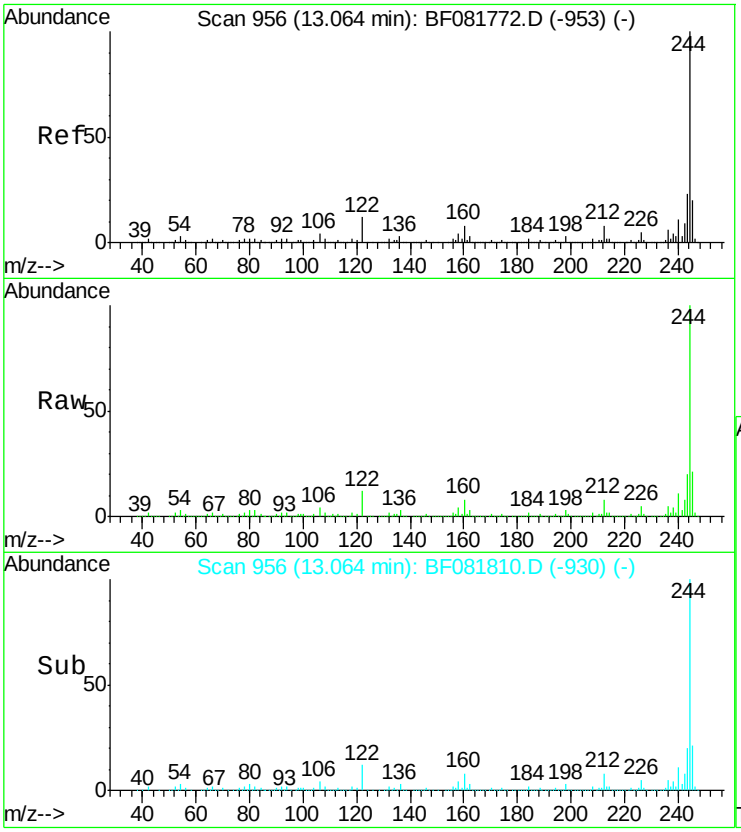


#77
Pyrene
Concen: 41.07 ng
RT: 12.93 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:202 Resp: 1022225

Ion	Ratio	Lower	Upper
202	100		
200	22.1	15.0	22.4
203	17.8	14.1	21.1

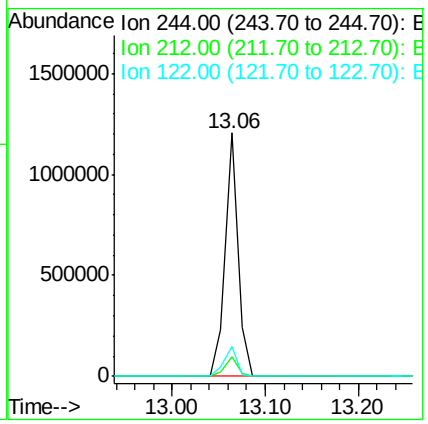




#78
Terphenyl-d14
Concen: 80.30 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

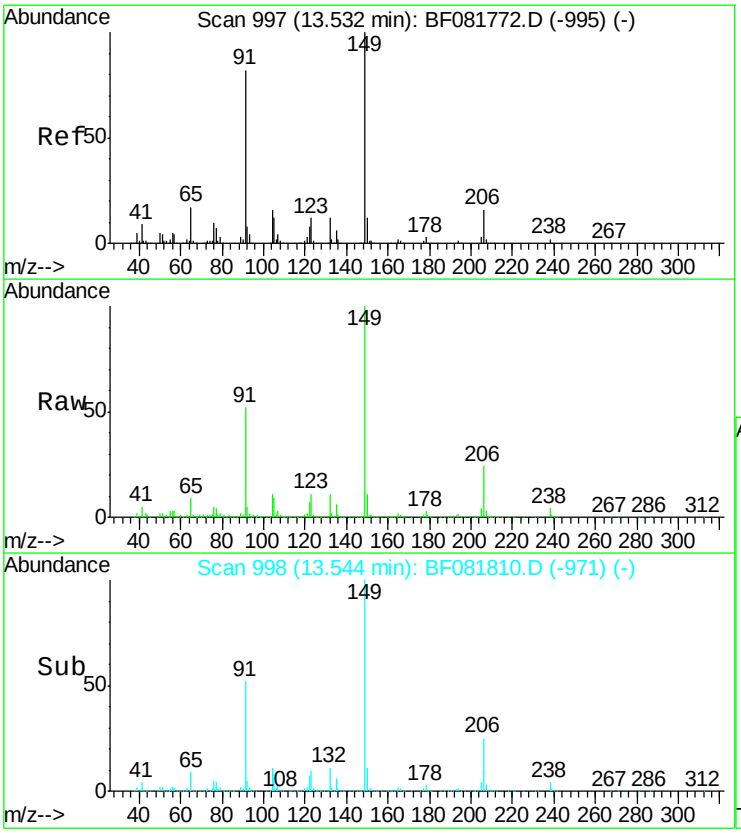
Tgt Ion:244 Resp: 1160513

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.3	6.5#
122	12.4	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

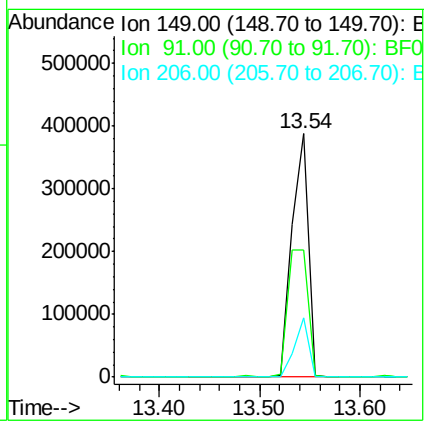
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

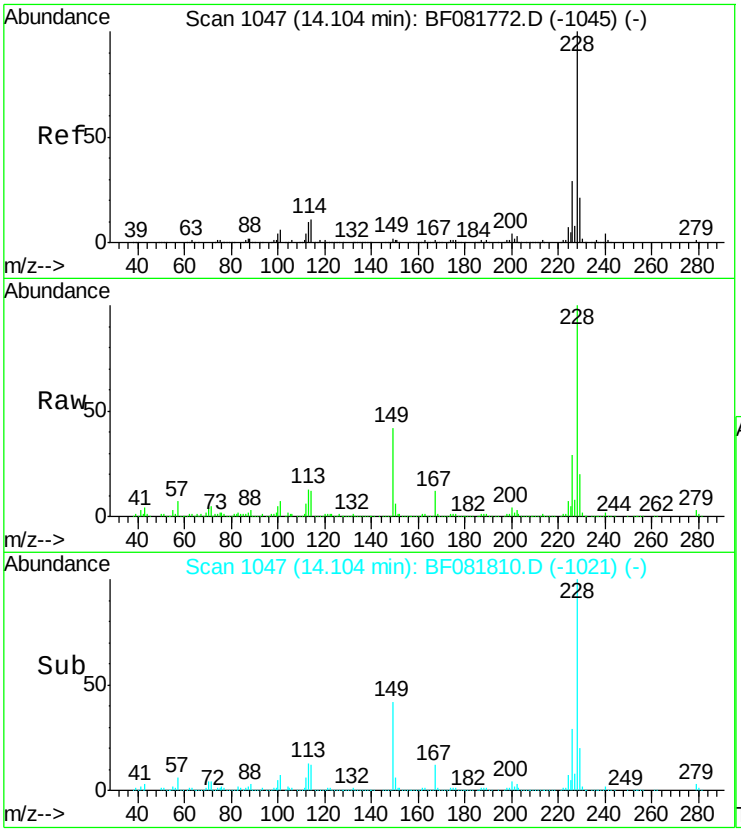


#79
Butylbenzylphthalate
Concen: 44.04 ng
RT: 13.54 min Scan# 998
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:149 Resp: 436899

Ion	Ratio	Lower	Upper
149	100		
91	52.3	48.6	72.8
206	24.5	14.9	22.3#





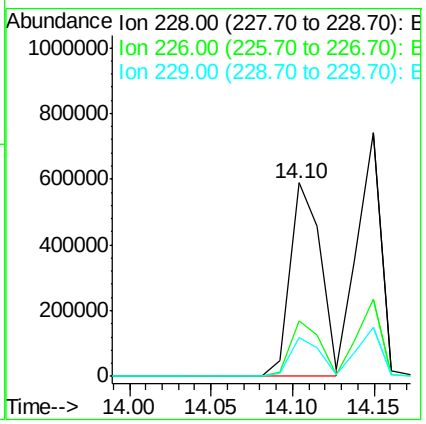
#80
Benzo(a)anthracene
Concen: 38.17 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

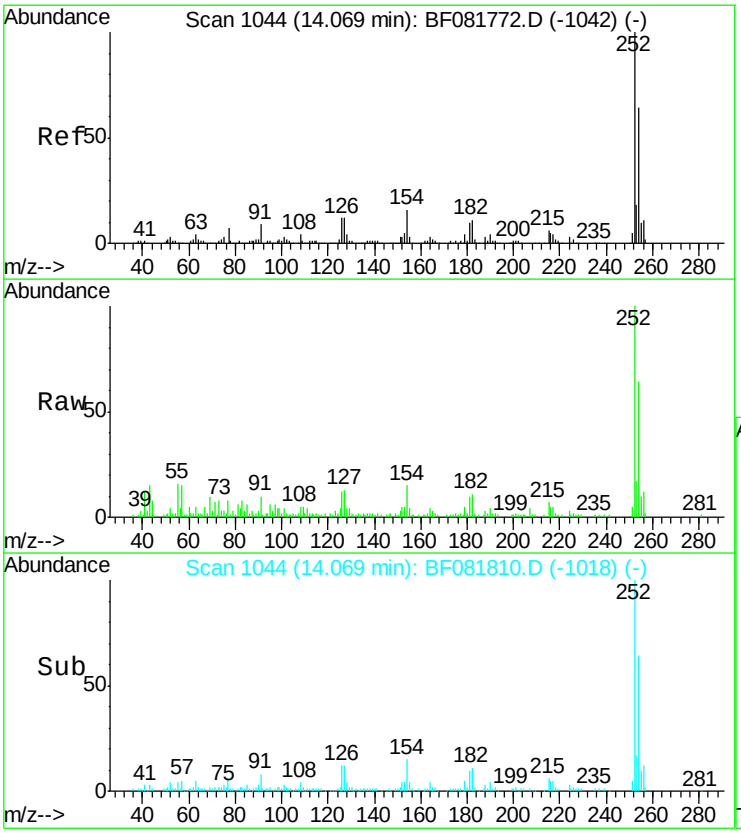
Tgt Ion:228 Resp: 764186

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	20.4	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

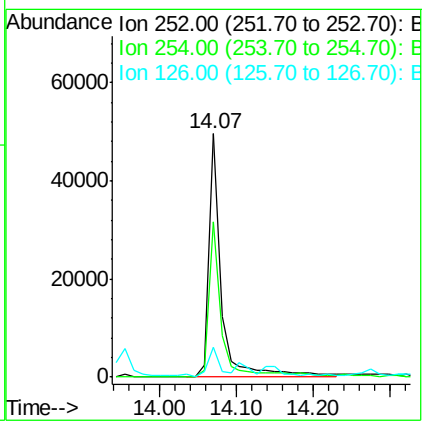


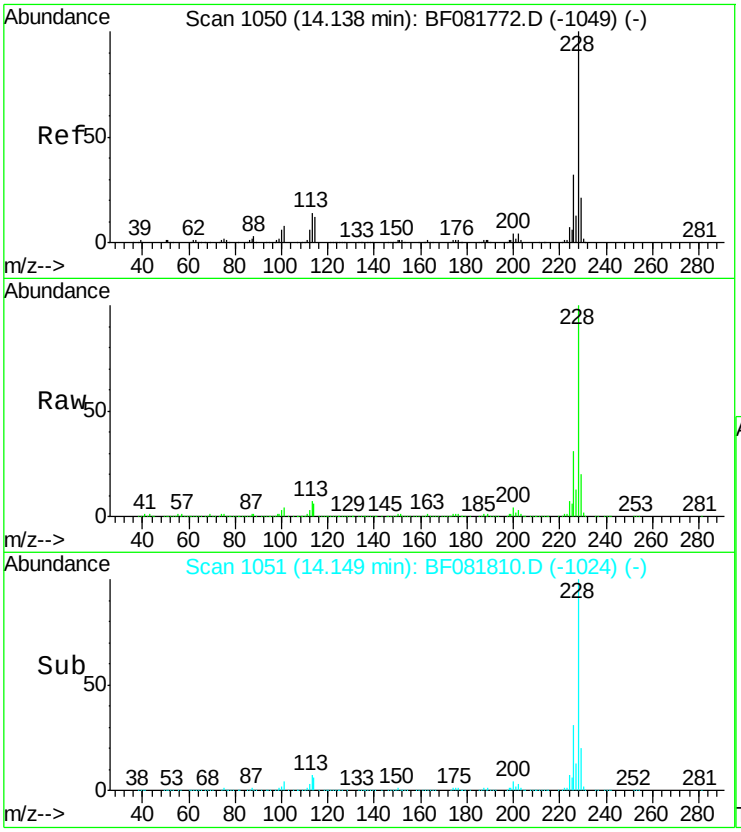


#81
3,3'-Dichlorobenzidine
Concen: 8.76 ng
RT: 14.07 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:252 Resp: 55674

Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.4	77.2
126	12.3	16.4	24.6#





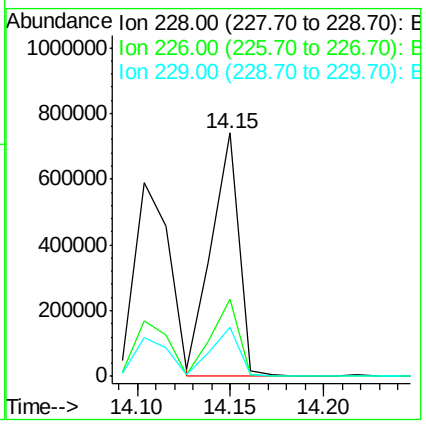
#82
Chrysene
Concen: 39.84 ng m
RT: 14.15 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

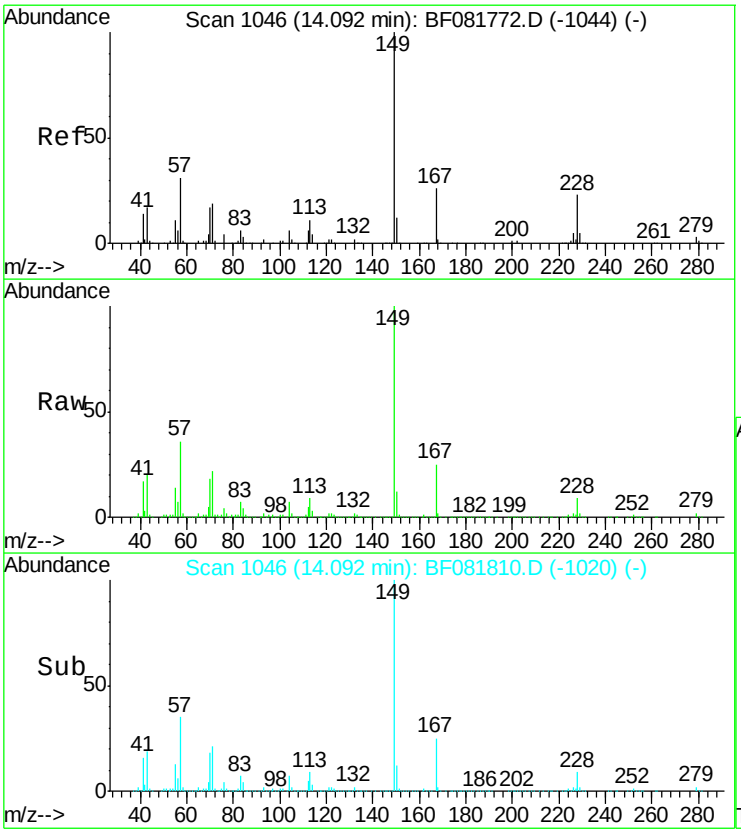
Tgt Ion:228 Resp: 764999

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.0	31.4#
229	20.1	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

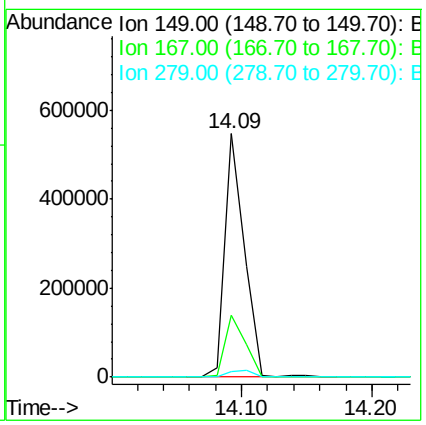


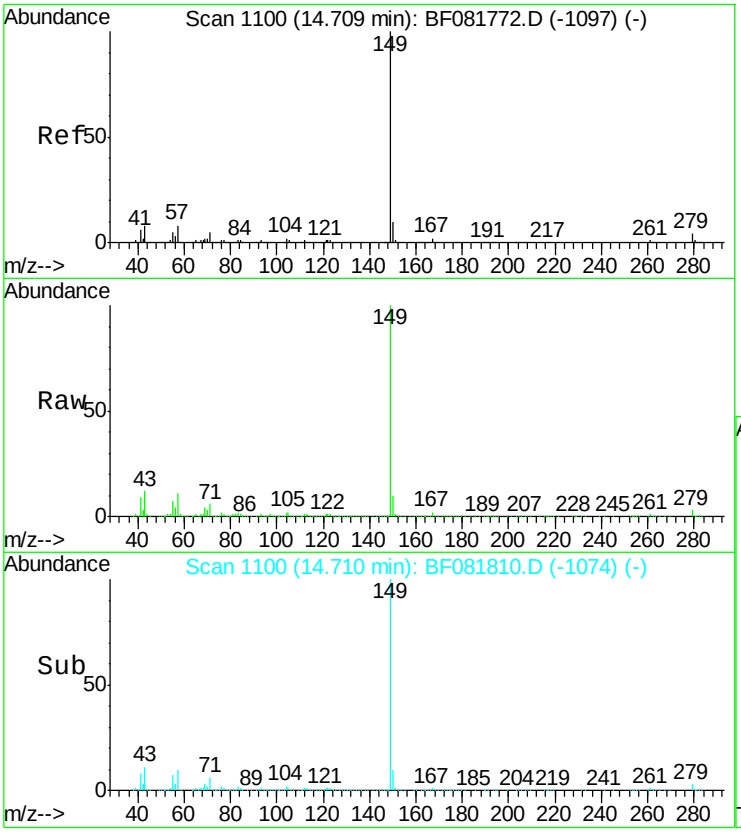


#83
Bis(2-ethylhexyl)phthalate
Concen: 46.81 ng
RT: 14.09 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:149 Resp: 563005

Ion	Ratio	Lower	Upper
149	100		
167	25.2	24.2	36.2
279	2.2	3.8	5.6#

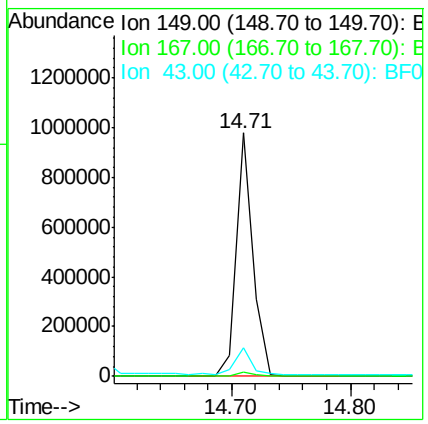




#84
Di-n-octyl phthalate
Concen: 53.43 ng
RT: 14.71 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

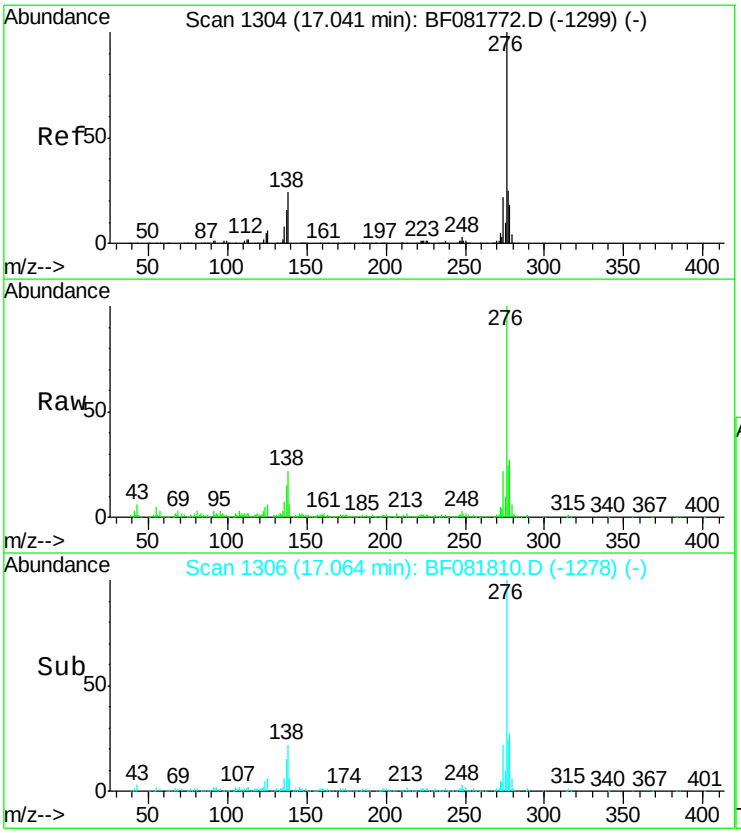
Tgt Ion:149 Resp: 944995

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.0	1.6#
43	10.3	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
SP-1MS

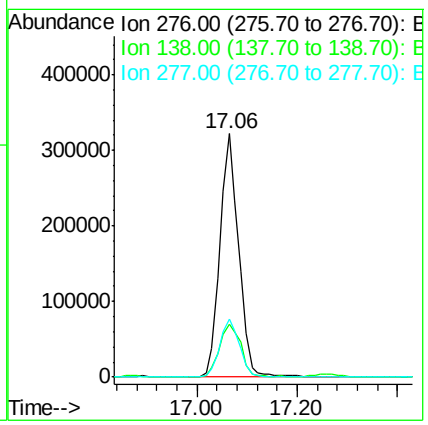
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

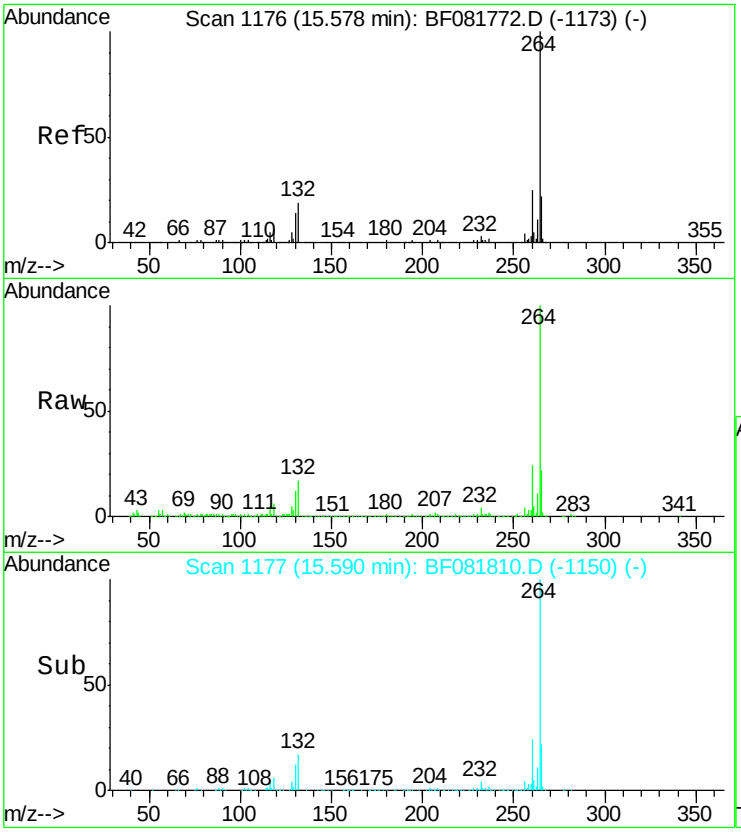


#85
Indeno(1,2,3-cd)pyrene
Concen: 47.67 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.02 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:276 Resp: 837822

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.7	38.5#
277	25.3	15.6	23.4#

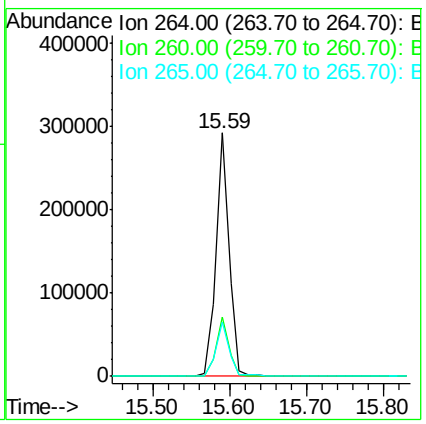




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

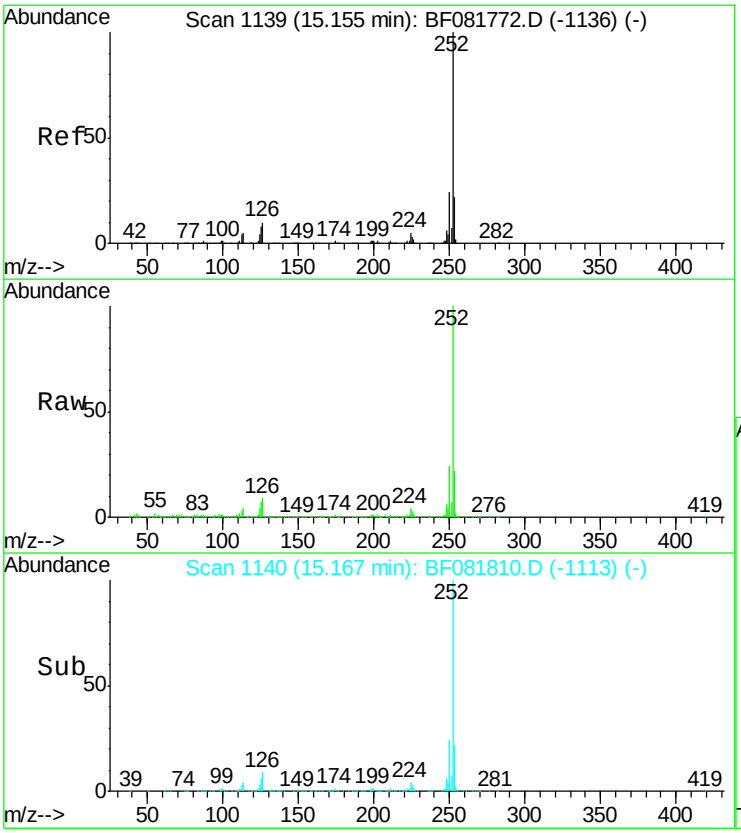
Tgt Ion:264 Resp: 350617

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.0	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SP-1MS

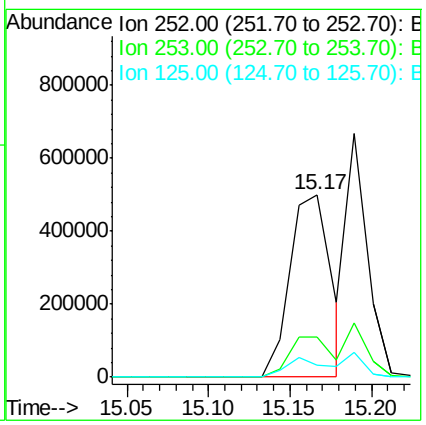
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

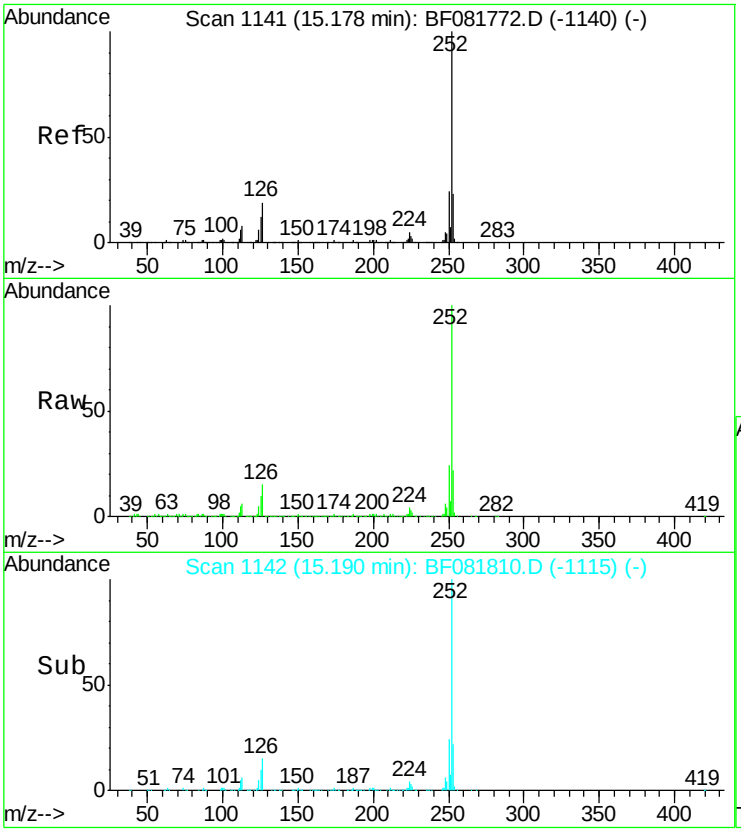


#87
Benzo(b)fluoranthene
Concen: 42.42 ng
RT: 15.17 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:252 Resp: 882018

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	6.7	17.1	25.7#

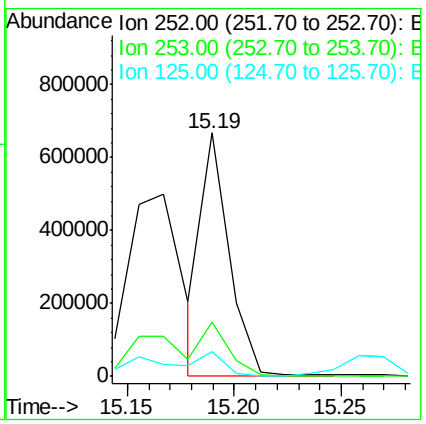




#88
Benzo(k)fluoranthene
Concen: 30.60 ng m
RT: 15.19 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

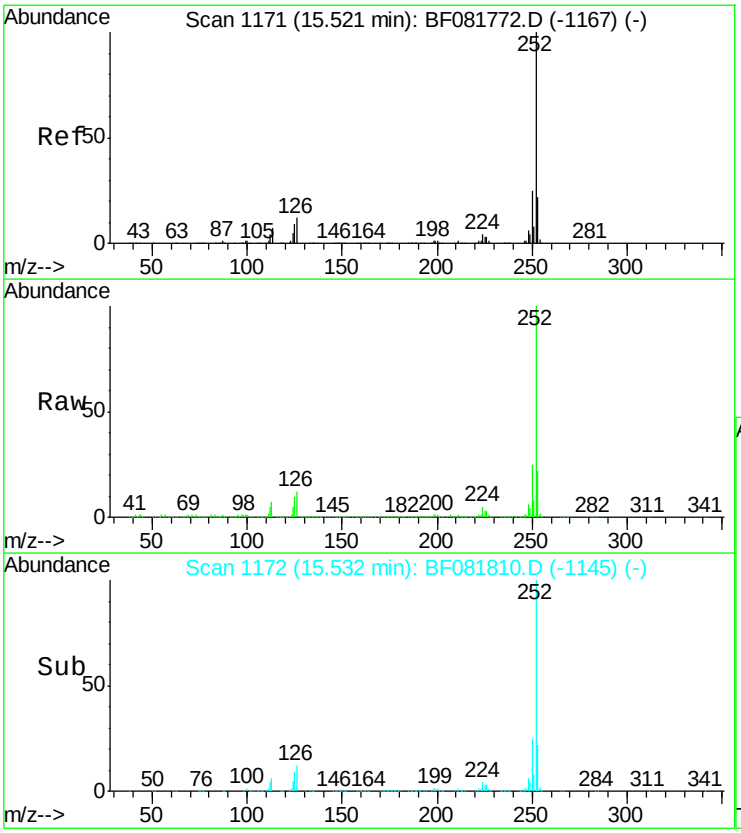
Tgt Ion:252 Resp: 612851

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.3	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
SP-1MS

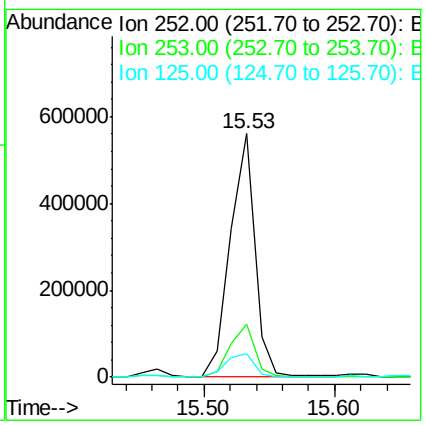
Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM

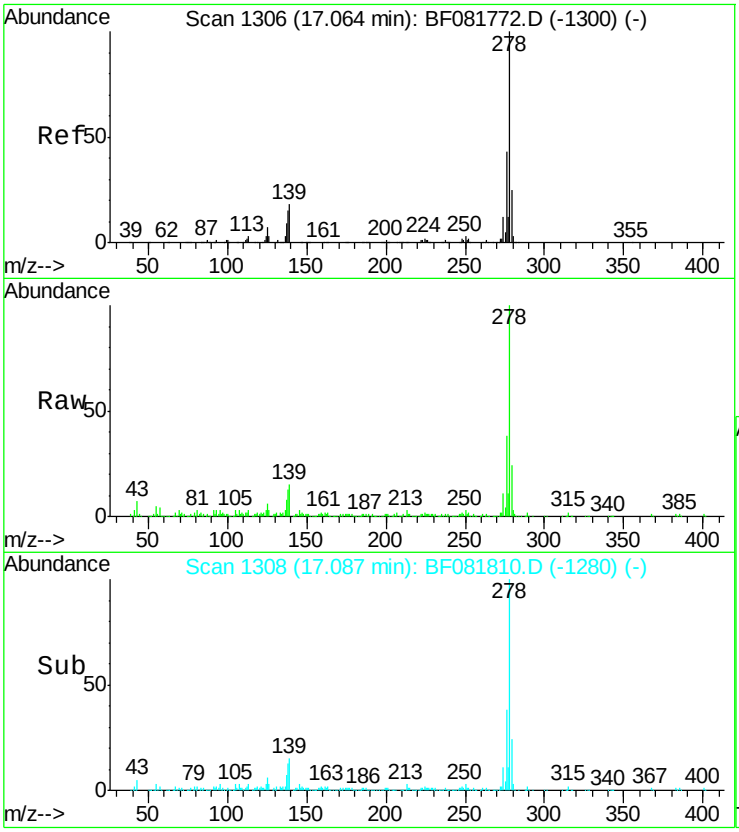


#89
Benzo(a)pyrene
Concen: 39.28 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:252 Resp: 737329

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	9.5	18.0	27.0#

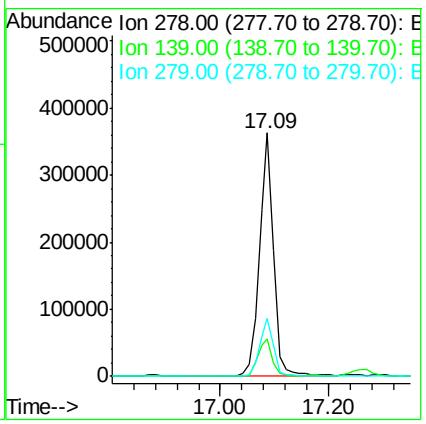




#90
Dibenzo(a,h)anthracene
Concen: 34.29 ng
RT: 17.09 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

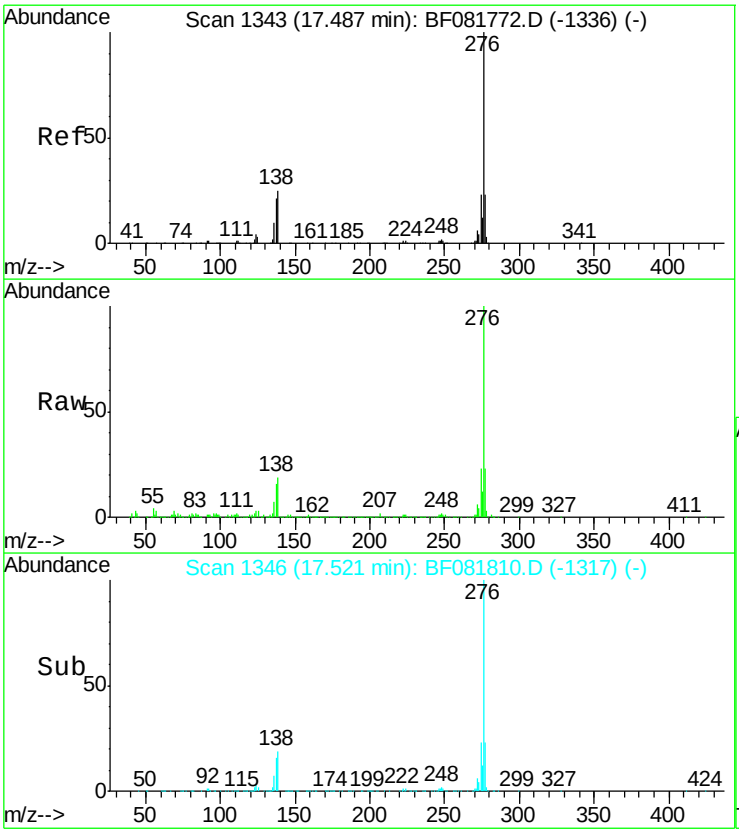
Tgt Ion:278 Resp: 670847

Ion	Ratio	Lower	Upper
278	100		
139	15.3	26.3	39.5#
279	23.8	18.2	27.4



Instrument :
BNA_F
ClientSampleId :
SP-1MS

Manual Integrations APPROVED
MMDadoda
9/28/2015 1:19:10 PM



#91
Benzo(g,h,i)perylene
Concen: 33.70 ng
RT: 17.52 min Scan# 1346
Delta R.T. 0.03 min
Lab File: BF081810.D
Acq: 25 Sep 2015 18:54

Tgt Ion:276 Resp: 679668

Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.8	26.6
138	18.8	34.6	51.8#