Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081248.D
Acq On : 27 Aug 2015 16:02
Operator : UM/IZ
Sample : PB85222BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

Quant Time: Aug 27 23:06:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 22:56:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	44390	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	183930	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	86277	20.00	ng		-0.01
63) Phenanthrene-d10	11.01	188	188725	20.00	ng		0.00
75) Chrysene-d12	13.61	240	133825	20.00	ng		-0.01
86) Perylene-d12	14.94	264	113941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	357497	121.13	ng		0.02
7) Phenol-d6	6.16	99	430088	111.69	ng		0.00
23) Nitrobenzene-d5	7.07	82	282948	70.27	ng		-0.01
41) 2,4,6-Tribromophenol	10.32	330	83644	111.84	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	479646	72.84	ng		-0.01
78) Terphenyl-d14	12.58	244	463550	74.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	39408	28.34	ng		94
3) Pyridine	2.53	79	118983	30.31	ng	#	77
4) n-Nitrosodimethylamine	2.48	42	73684	33.72	ng	#	79
6) Aniline	6.16	93	129949	23.21	ng	#	54
8) 2-Chlorophenol	6.29	128	121729	37.68	ng		98
9) Benzaldehyde	6.05	77	22804	9.19	ng		87
10) Phenol	6.17	94	171008	37.60	ng		87
11) bis(2-Chloroethyl)ether	6.25	93	122781	35.19	ng		90
12) 1,3-Dichlorobenzene	6.45	146	119288	34.37	ng		95
13) 1,4-Dichlorobenzene	6.53	146	119578	34.79	ng		98
14) 1,2-Dichlorobenzene	6.67	146	120631	37.50	ng		96
15) Benzyl Alcohol	6.66	79	114661	36.80	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	240122	35.02	ng		98
17) 2-Methylphenol	6.79	107	109230	39.41	ng		95
18) Hexachloroethane	7.02	117	48920	35.23	ng		95
19) n-Nitroso-di-n-propylamine	6.94	70	93408	35.02	ng		93
20) 3+4-Methylphenols	6.95	107	138174	39.28	ng	#	42
22) Acetophenone	6.93	105	177787	36.82	ng	#	87
24) Nitrobenzene	7.10	77	151744	36.04	ng		99
25) Isophorone	7.34	82	257367	34.28	ng		99
26) 2-Nitrophenol	7.42	139	65772	37.57	ng	#	69
27) 2,4-Dimethylphenol	7.47	122	117212	37.84	ng		87
28) bis(2-Chloroethoxy)methane	7.57	93	170744	38.49	ng		99
29) 2,4-Dichlorophenol	7.66	162	95593	36.66	ng		89
30) 1,2,4-Trichlorobenzene	7.74	180	98789	34.09	ng		96
31) Naphthalene	7.82	128	368724	35.96	ng		99
32) Benzoic acid	7.61	122	75748	43.48	ng		95
33) 4-Chloroaniline	7.87	127	90928	21.02	ng	#	89
34) Hexachlorobutadiene	7.94	225	58643	35.78	ng		97
35) Caprolactam	8.25	113	40305m	44.22	ng		
36) 4-Chloro-3-methylphenol	8.37	107	119750	38.53	ng		96
37) 2-Methylnaphthalene	8.50	142	226769	35.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	101195	36.35	ng		98
40) Hexachlorocyclopentadiene	8.66	237	101241	70.27	ng		99

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081248.D
Acq On : 27 Aug 2015 16:02
Operator : UM/IZ
Sample : PB85222BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

Quant Time: Aug 27 23:06:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 22:56:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	72996	37.12	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	76668	39.01	ng		98
45) 1,1'-Biphenyl	8.97	154	303843	39.98	ng		97
46) 2-Chloronaphthalene	8.98	162	206887	33.89	ng	#	90
47) 2-Nitroaniline	9.10	65	98391	39.38	ng	#	63
48) Acenaphthylene	9.39	152	343014	31.41	ng		99
49) Dimethylphthalate	9.28	163	264998	37.30	ng		99
50) 2,6-Dinitrotoluene	9.34	165	54345	35.62	ng	#	66
51) Acenaphthene	9.57	154	200172	30.62	ng		100
52) 3-Nitroaniline	9.50	138	45530	23.85	ng		95
53) 2,4-Dinitrophenol	9.61	184	55394	67.54	ng		81
54) Dibenzofuran	9.74	168	311170	35.52	ng		92
55) 4-Nitrophenol	9.68	139	86701	64.66	ng		88
56) 2,4-Dinitrotoluene	9.74	165	70254	34.74	ng	#	54
57) Fluorene	10.08	166	254860	37.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.86	232	62577m	41.14	ng		
59) Diethylphthalate	9.98	149	293566	39.03	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	115393	40.46	ng		96
61) 4-Nitroaniline	10.11	138	68986	35.36	ng		94
62) Azobenzene	10.24	77	370354	42.73	ng		95
64) 4,6-Dinitro-2-methylphenol	10.15	198	42602	37.80	ng	#	44
65) n-Nitrosodiphenylamine	10.21	169	253891	37.69	ng		100
66) 4-Bromophenyl-phenylether	10.56	248	65078	35.10	ng	#	65
67) Hexachlorobenzene	10.62	284	65771	35.03	ng	#	74
68) Atrazine	10.73	200	77041	41.05	ng		96
69) Pentachlorophenol	10.82	266	83940	74.51	ng		100
70) Phenanthrene	11.03	178	386062	34.52	ng		100
71) Anthracene	11.07	178	394733	36.27	ng		99
72) Carbazole	11.23	167	371761	35.48	ng		98
73) Di-n-butylphthalate	11.59	149	518216	40.87	ng		99
74) Fluoranthene	12.21	202	463392	38.39	ng		97
76) Benzidine	12.33	184	184534	36.50	ng		99
77) Pyrene	12.42	202	419248	38.54	ng		99
79) Butylbenzylphthalate	13.06	149	201858	43.17	ng	#	66
80) Benzo(a)anthracene	13.61	228	363876	40.54	ng		98
81) 3,3'-Dichlorobenzidine	13.58	252	75035	25.81	ng		99
82) Chrysene	13.65	228	354615	43.84	ng		100
83) Bis(2-ethylhexyl)phthalate	13.64	149	298008	49.75	ng		99
84) Di-n-octyl phthalate	14.24	149	499545	54.87	ng		98
85) Indeno(1,2,3-cd)pyrene	16.09	276	238952	42.08	ng	#	94
87) Benzo(b)fluoranthene	14.60	252	285694m	35.45	ng		
88) Benzo(k)fluoranthene	14.62	252	259592m	34.57	ng		
89) Benzo(a)pyrene	14.89	252	270806	38.56	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	201943	36.91	ng	#	93
91) Benzo(g,h,i)perylene	16.44	276	198759	35.80	ng	#	90

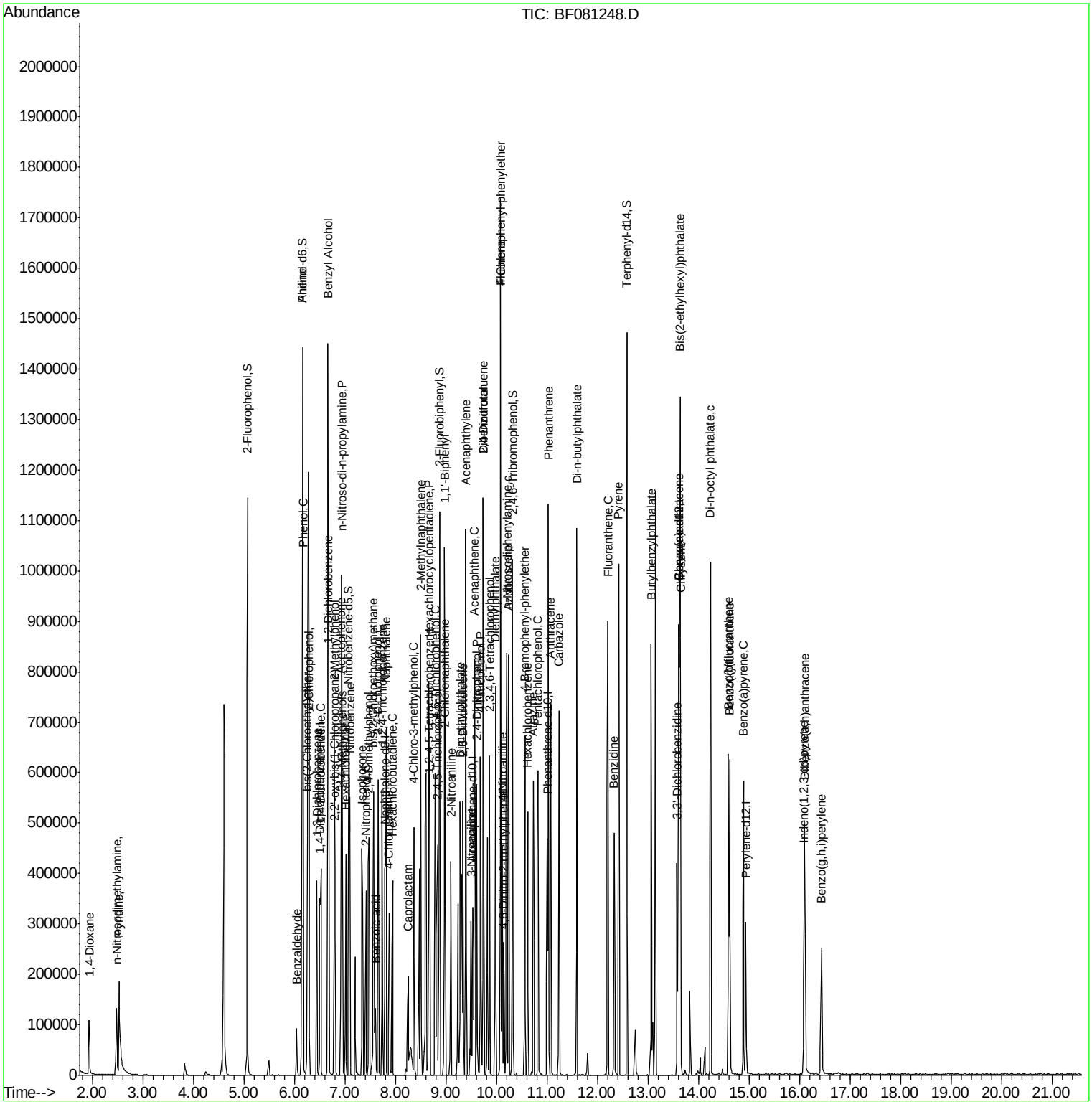
(#) = qualifier out of range (m) = manual integration (+) = signals summed

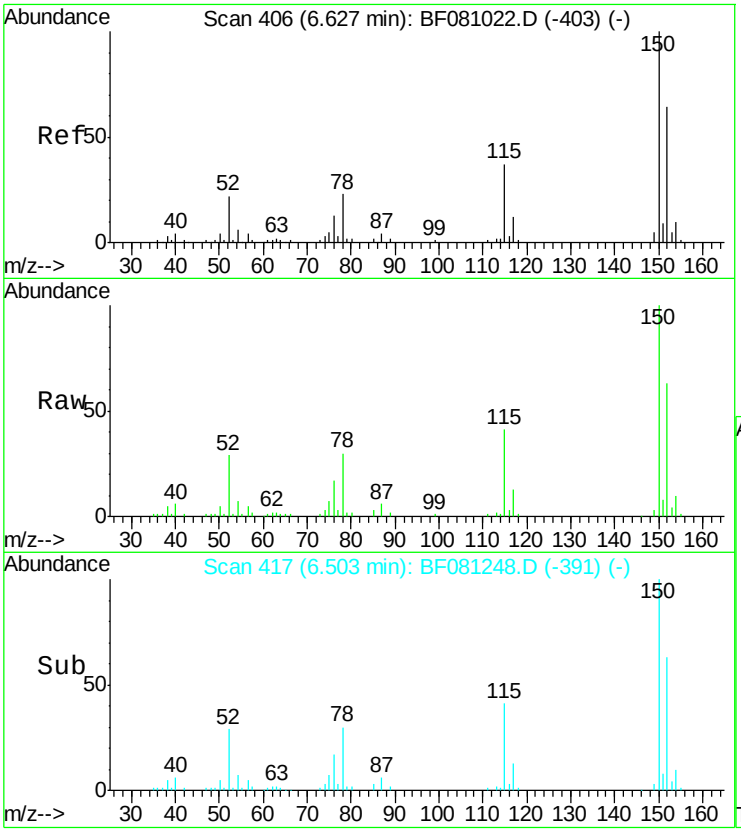
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081248.D
Acq On : 27 Aug 2015 16:02
Operator : UM/IZ
Sample : PB85222BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 23:06:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 22:56:55 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

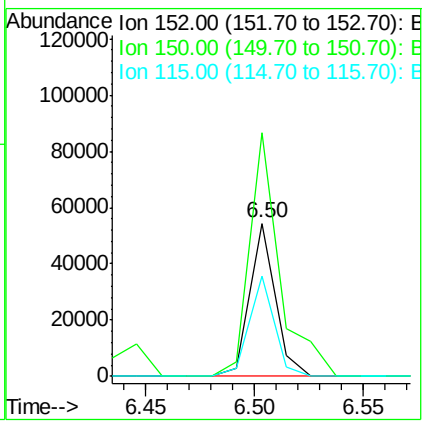




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.50 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

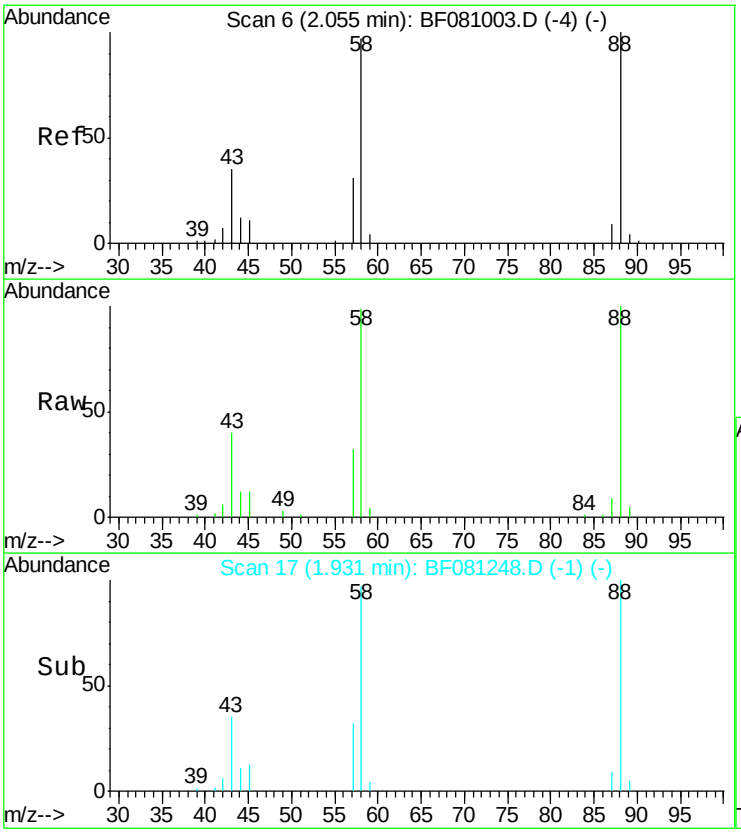
Tgt Ion:152 Resp: 44390

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	66.0	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
PB85222BS

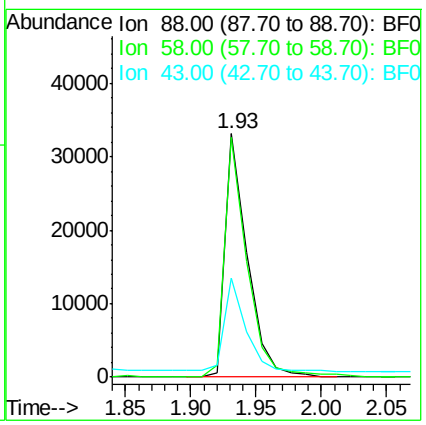
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

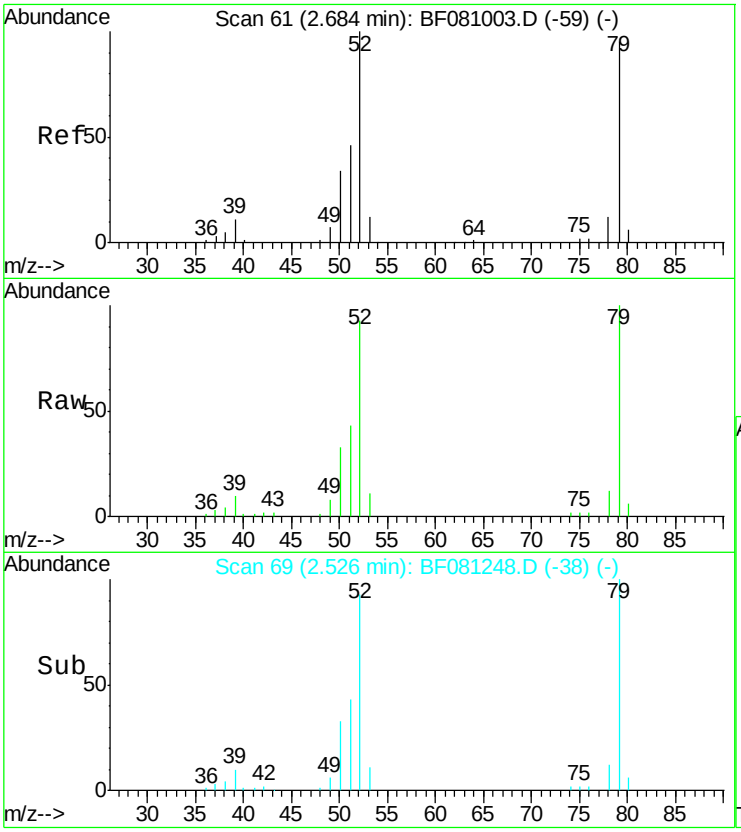


#2
1,4-Dioxane
Concen: 28.34 ng
RT: 1.93 min Scan# 17
Delta R.T. 0.06 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 88 Resp: 39408

Ion	Ratio	Lower	Upper
88	100		
58	100.4	83.7	125.5
43	40.1	37.5	56.3

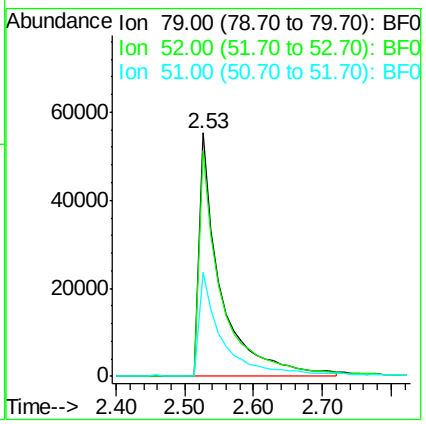




#3
Pyridine
Concen: 30.31 ng
RT: 2.53 min Scan# 69
Delta R.T. 0.06 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

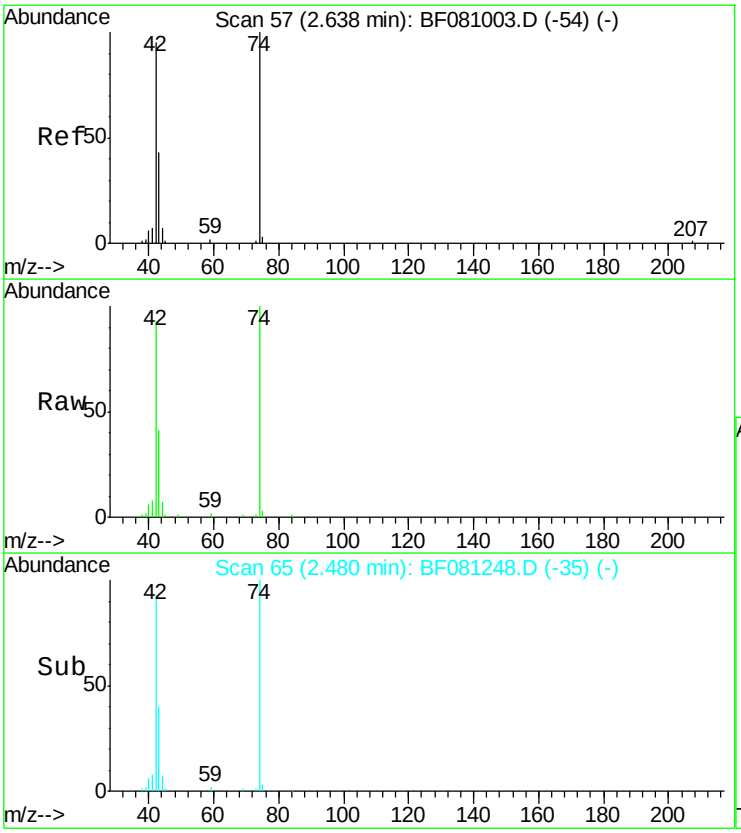
Tgt Ion: 79 Resp: 118983

Ion	Ratio	Lower	Upper
79	100		
52	92.9	95.1	142.7#
51	43.0	46.6	70.0#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

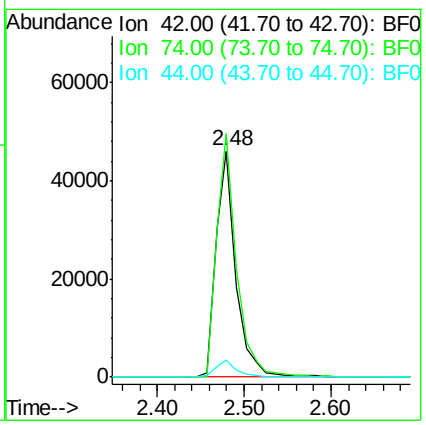
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

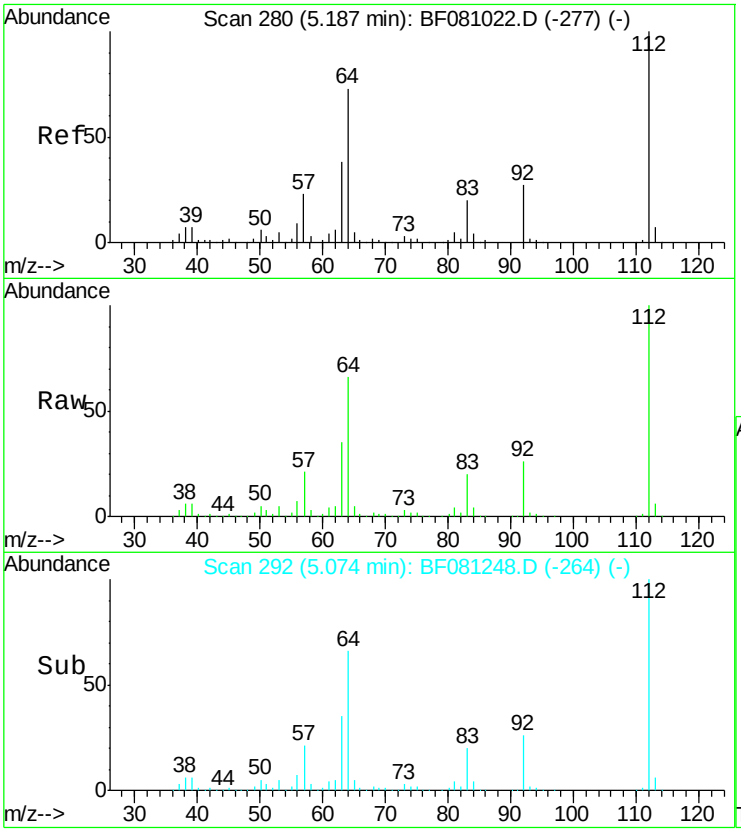


#4
n-Nitrosodimethylamine
Concen: 33.72 ng
RT: 2.48 min Scan# 65
Delta R.T. 0.05 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 42 Resp: 73684

Ion	Ratio	Lower	Upper
42	100		
74	107.6	69.3	103.9#
44	7.5	5.5	8.3





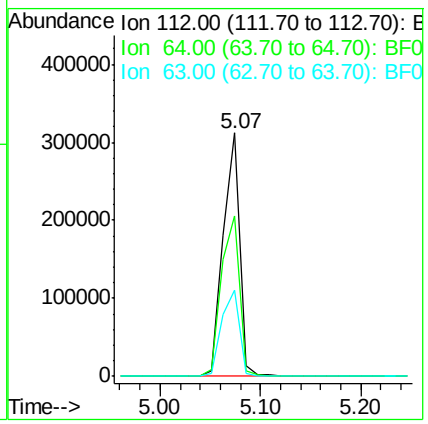
#5
2-Fluorophenol
Concen: 121.13 ng
RT: 5.07 min Scan# 292
Delta R.T. 0.02 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

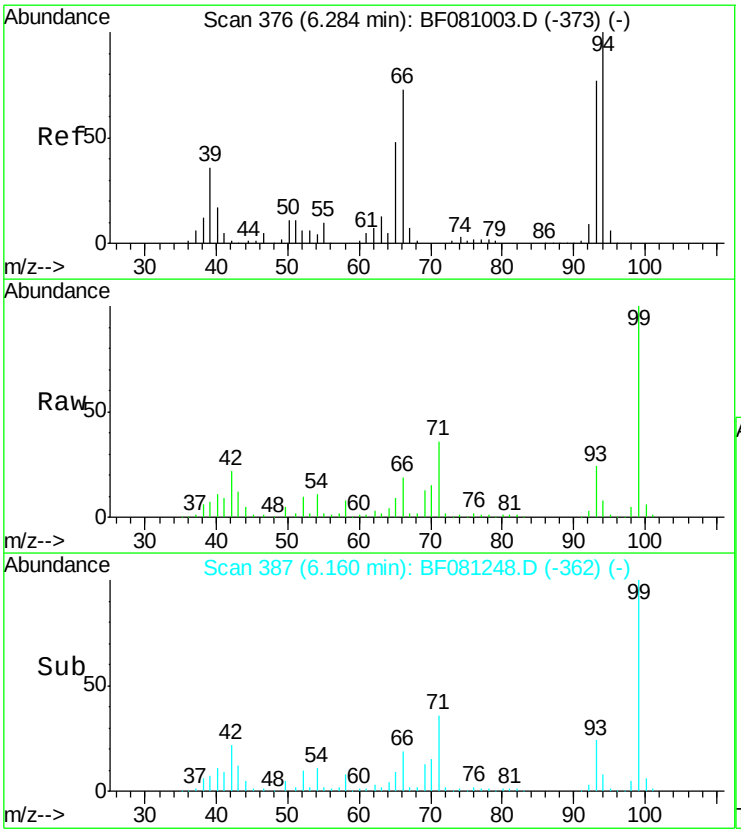
Tgt Ion:112 Resp: 357497

Ion	Ratio	Lower	Upper
112	100		
64	66.1	66.9	100.3#
63	35.3	38.1	57.1#

Instrument :
BNA_F
ClientSampleId :
PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

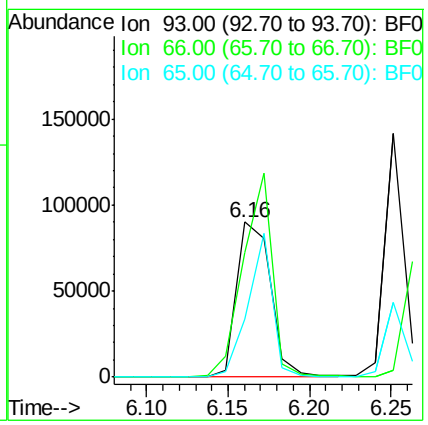


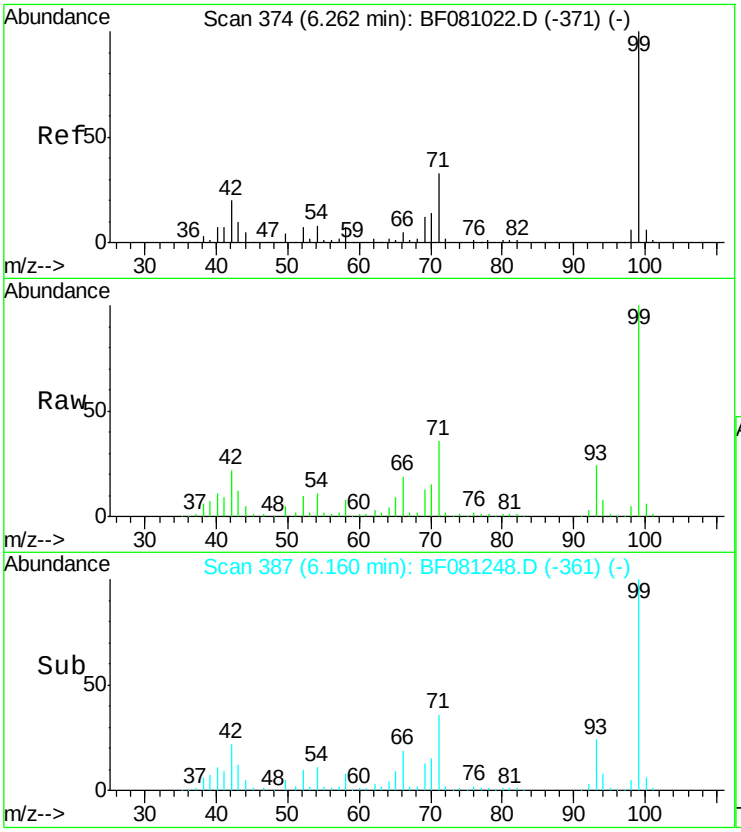


#6
Aniline
Concen: 23.21 ng
RT: 6.16 min Scan# 387
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 93 Resp: 129949

Ion	Ratio	Lower	Upper
93	100		
66	80.5	35.6	53.4#
65	37.2	18.7	28.1#

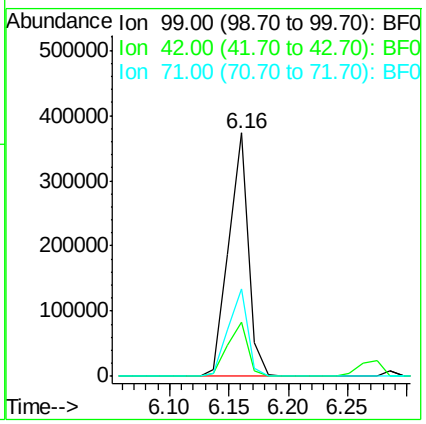




#7
Phenol-d6
Concen: 111.69 ng
RT: 6.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

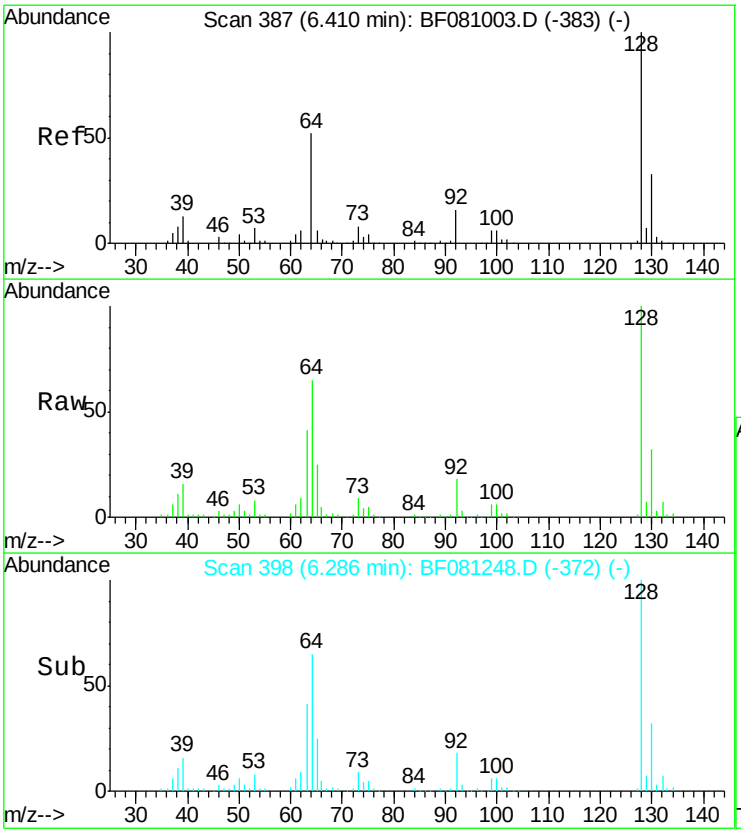
Tgt Ion: 99 Resp: 430088

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.6	29.4
71	36.1	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
PB85222BS

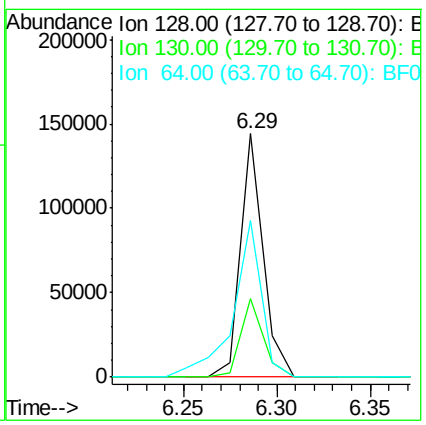
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

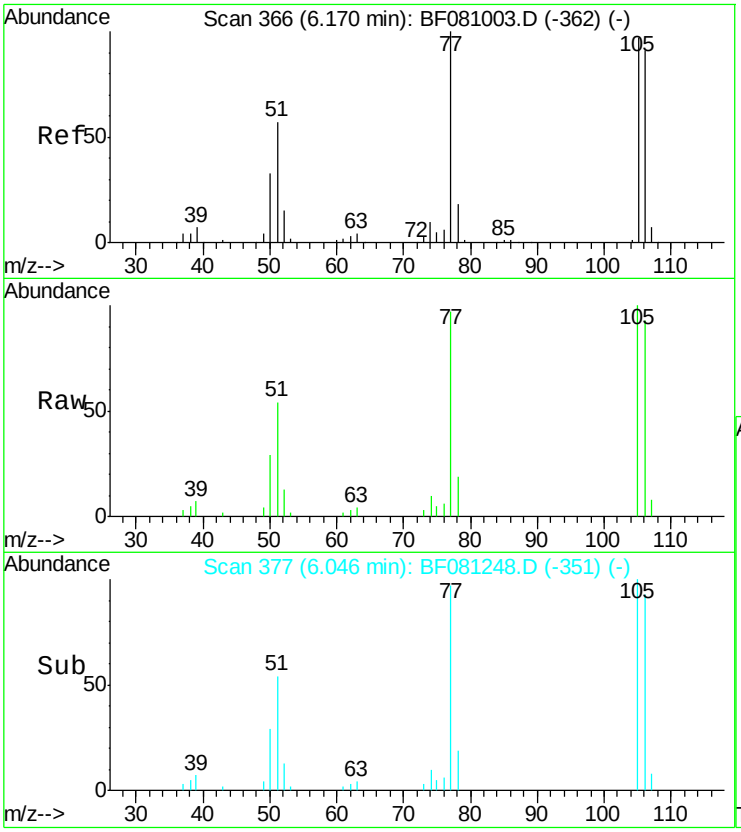


#8
2-Chlorophenol
Concen: 37.68 ng
RT: 6.29 min Scan# 398
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:128 Resp: 121729

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	64.6	46.8	86.8

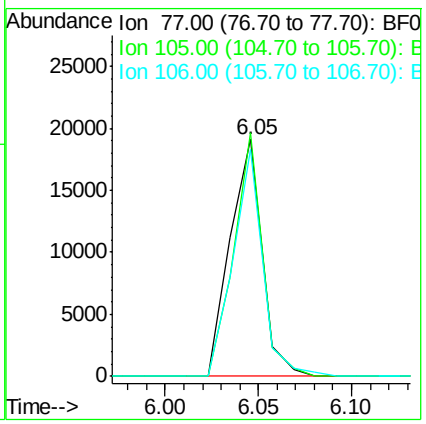




#9
Benzaldehyde
Concen: 9.19 ng
RT: 6.05 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

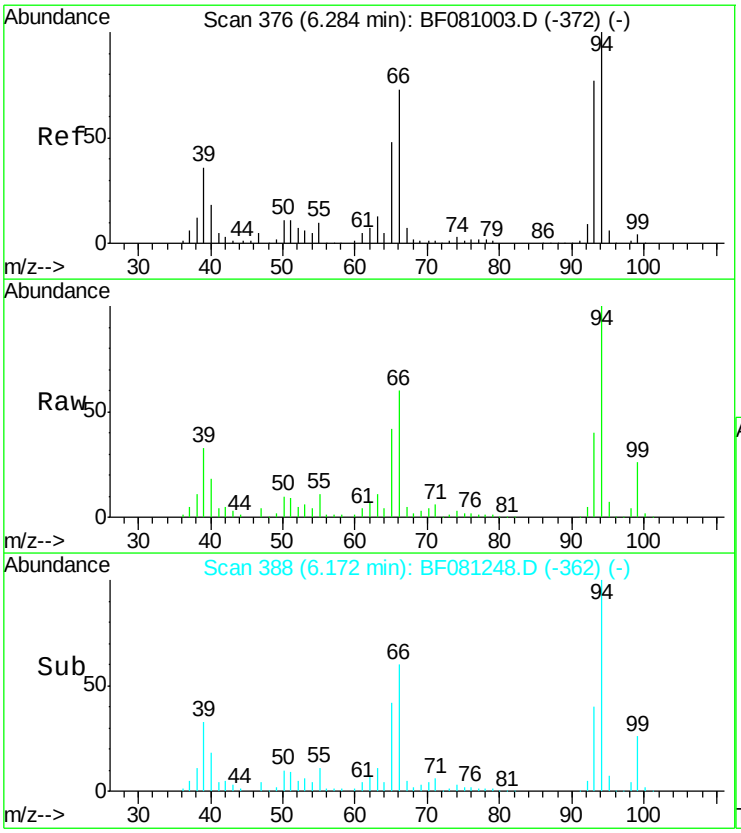
Tgt Ion: 77 Resp: 22804

Ion	Ratio	Lower	Upper
77	100		
105	102.8	69.6	109.6
106	95.7	64.0	104.0



Instrument :
BNA_F
ClientSampleId :
PB85222BS

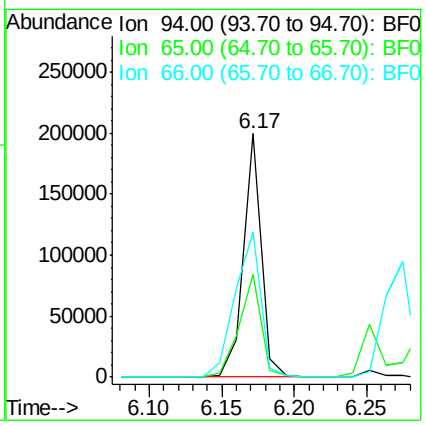
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

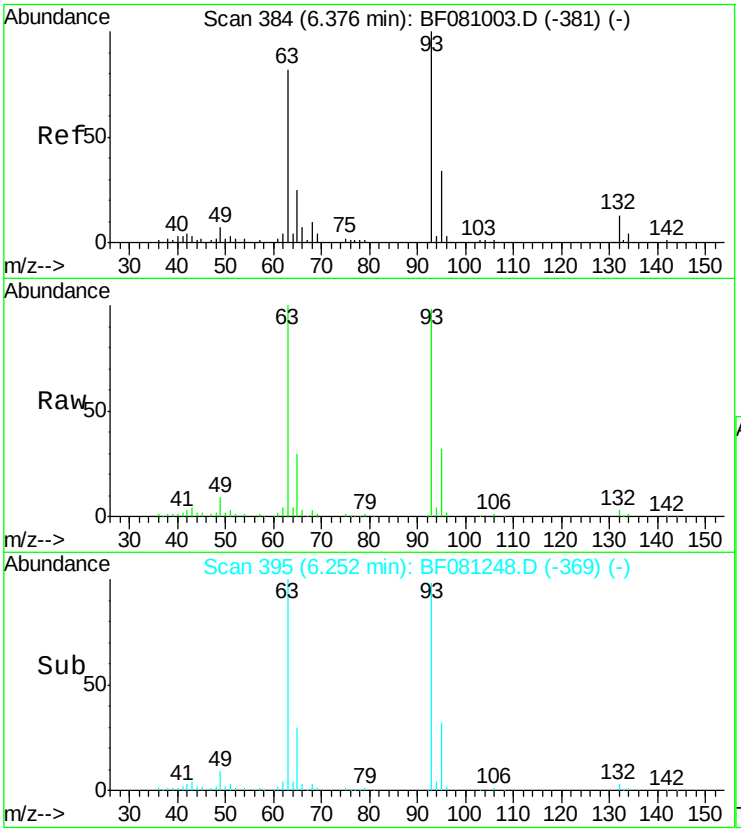


#10
Phenol
Concen: 37.60 ng
RT: 6.17 min Scan# 388
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 94 Resp: 171008

Ion	Ratio	Lower	Upper
94	100		
65	42.0	28.4	68.4
66	59.6	52.3	92.3

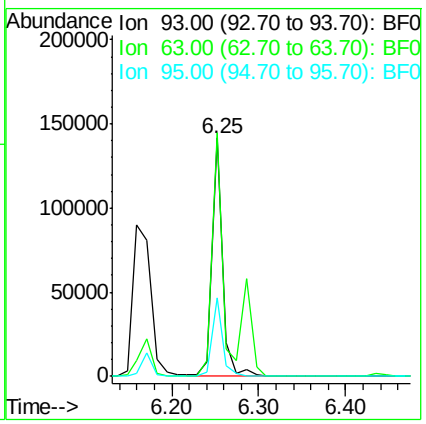




#11
bis(2-Chloroethyl)ether
Concen: 35.19 ng
RT: 6.25 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

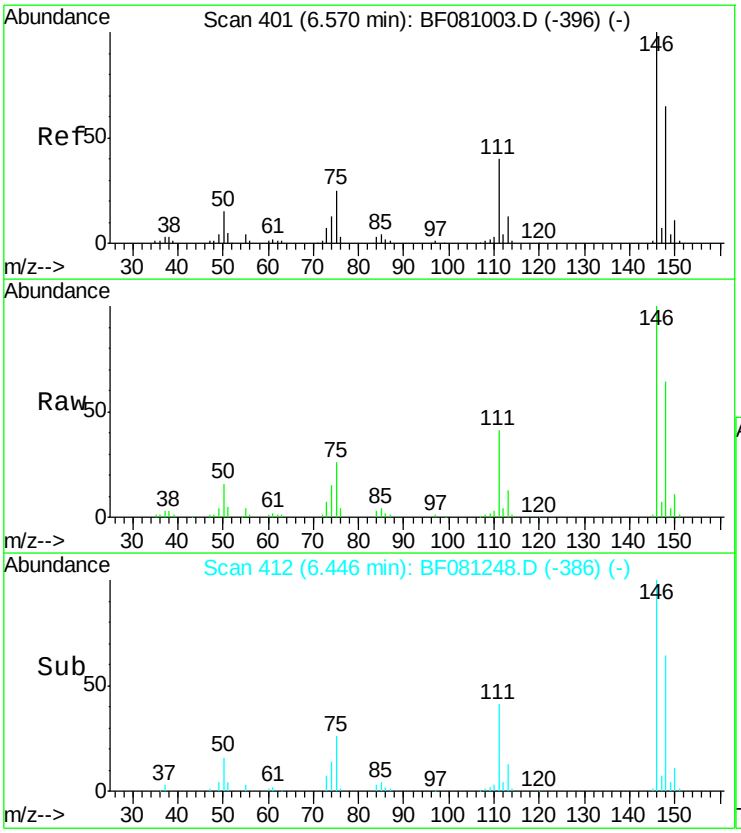
Tgt Ion: 93 Resp: 122781

Ion	Ratio	Lower	Upper
93	100		
63	102.3	69.6	109.6
95	33.0	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
PB85222BS

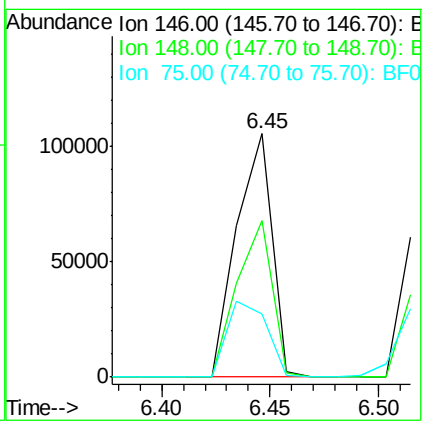
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

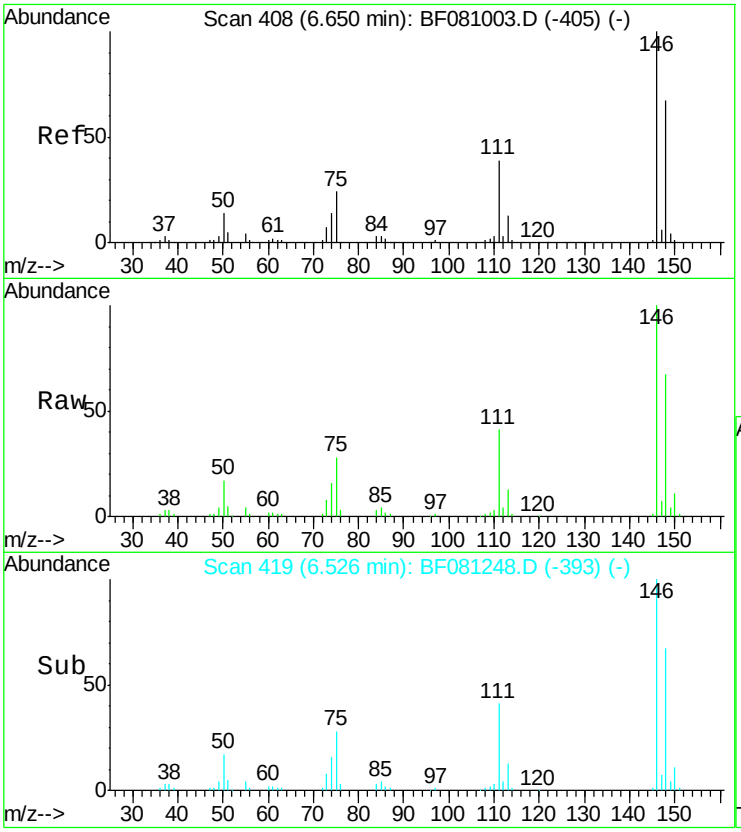


#12
1,3-Dichlorobenzene
Concen: 34.37 ng
RT: 6.45 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:146 Resp: 119288

Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.3	79.9
75	26.1	25.0	37.6

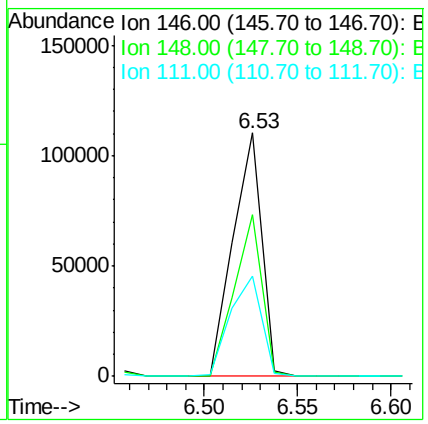




#13
1,4-Dichlorobenzene
Concen: 34.79 ng
RT: 6.53 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

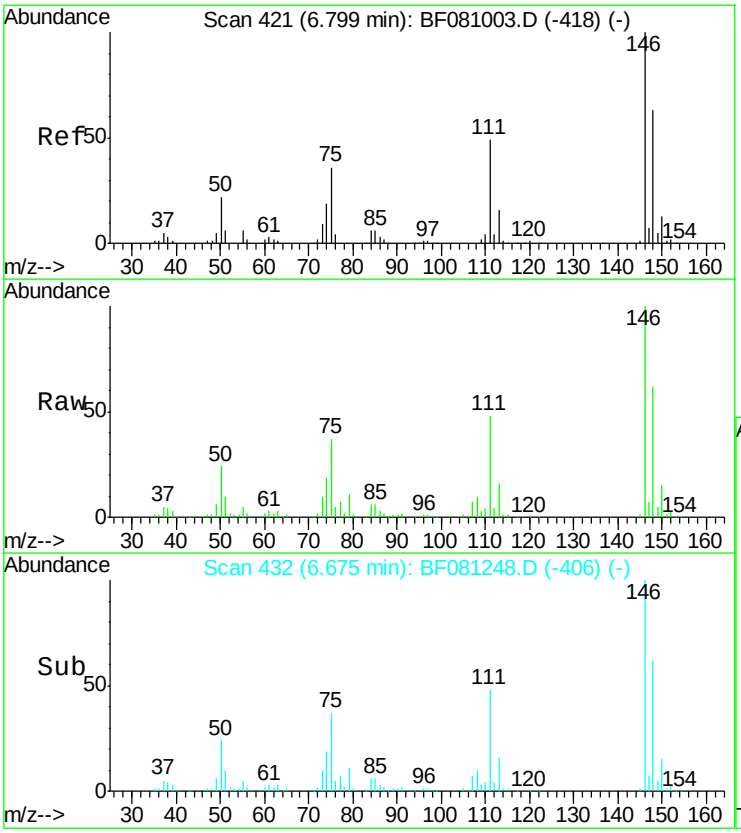
Tgt Ion:146 Resp: 119578

Ion	Ratio	Lower	Upper
146	100		
148	66.5	52.3	78.5
111	41.1	34.4	51.6



Instrument :
BNA_F
ClientSampleId :
PB85222BS

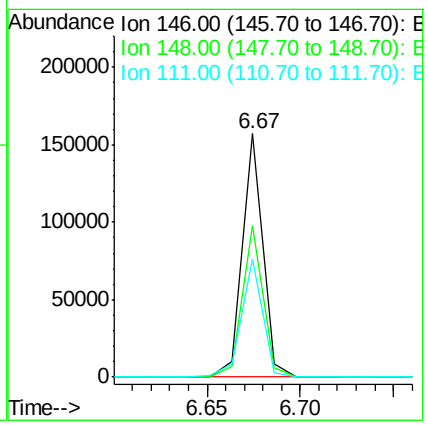
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

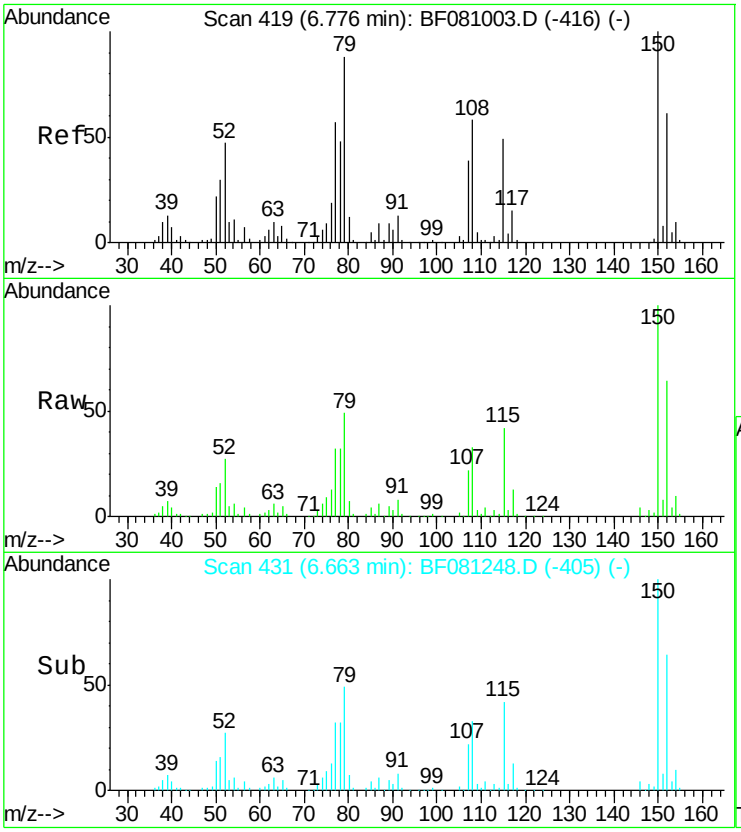


#14
1,2-Dichlorobenzene
Concen: 37.50 ng
RT: 6.67 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:146 Resp: 120631

Ion	Ratio	Lower	Upper
146	100		
148	62.0	48.7	73.1
111	48.5	42.3	63.5

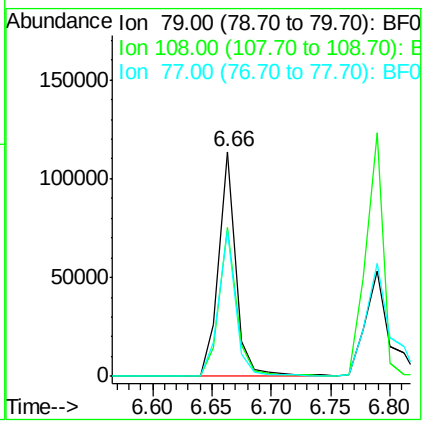




#15
Benzyl Alcohol
Concen: 36.80 ng
RT: 6.66 min Scan# 431
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

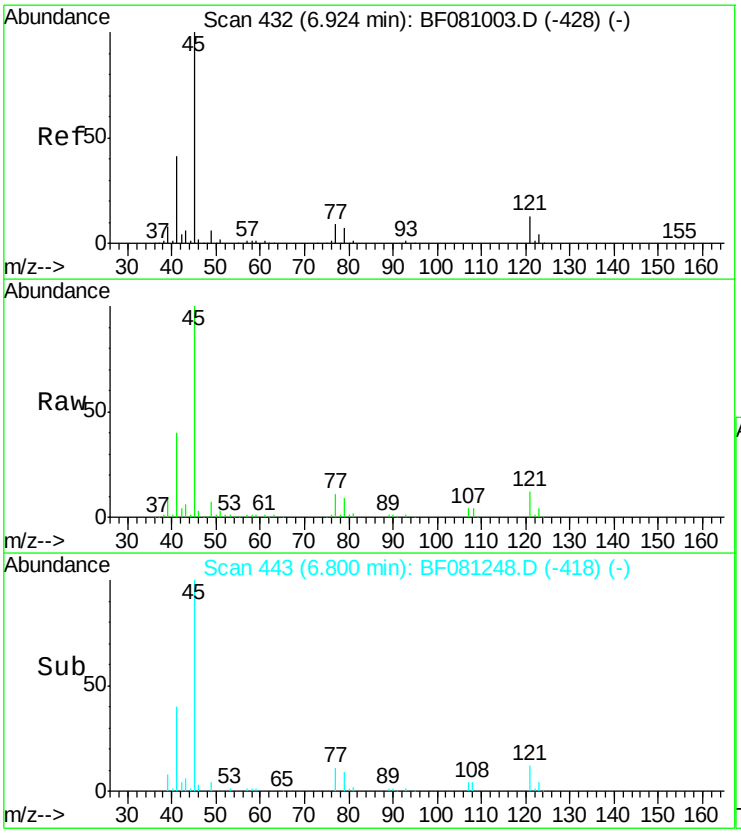
Tgt Ion: 79 Resp: 114661

Ion	Ratio	Lower	Upper
79	100		
108	66.5	49.4	74.2
77	65.1	51.4	77.0



Instrument :
BNA_F
ClientSampleId :
PB85222BS

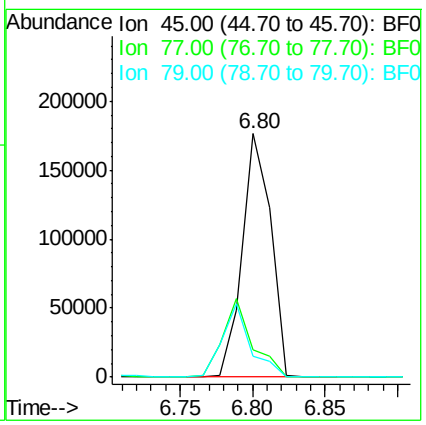
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

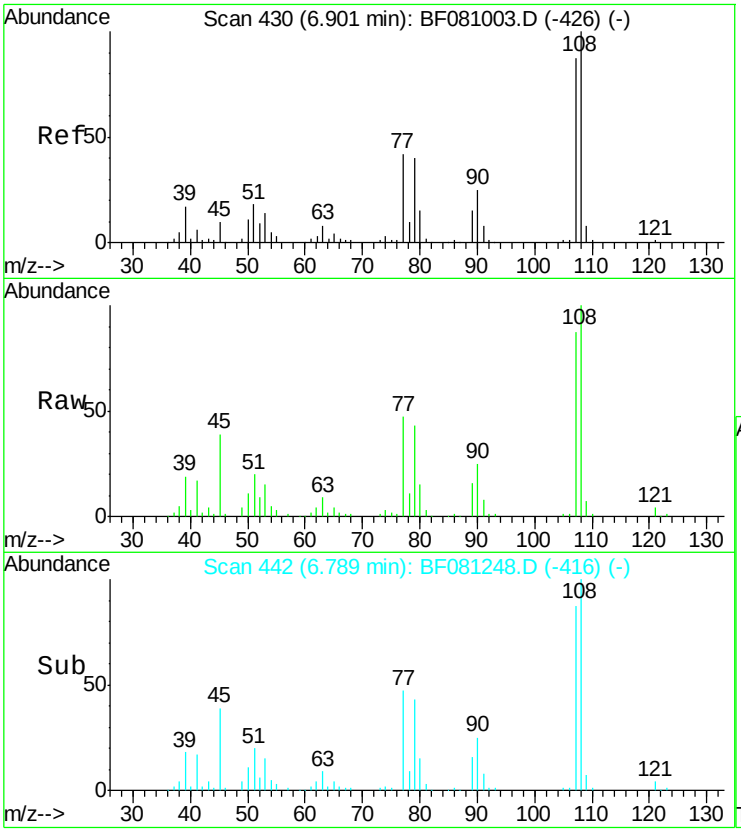


#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.02 ng
RT: 6.80 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 45 Resp: 240122

Ion	Ratio	Lower	Upper
45	100		
77	11.2	0.0	30.2
79	8.6	0.0	28.0

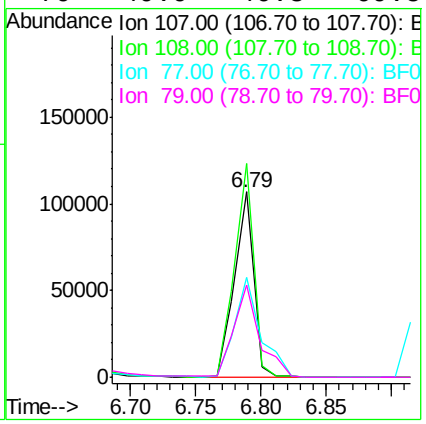




#17
2-Methylphenol
Concen: 39.41 ng
RT: 6.79 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

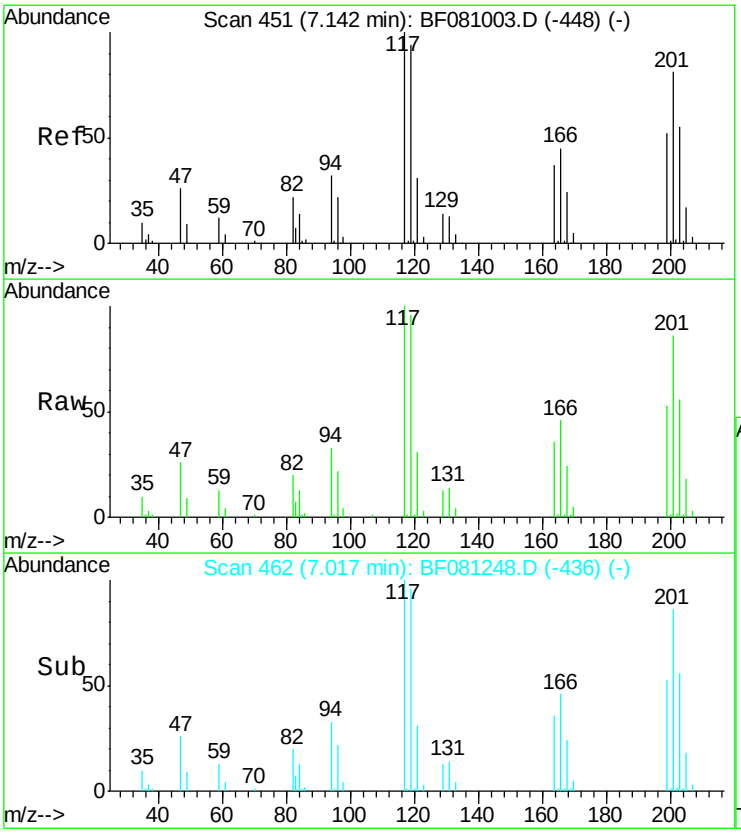
Tgt Ion:107 Resp: 109230

Ion	Ratio	Lower	Upper
107	100		
108	115.1	90.4	135.6
77	53.5	46.5	69.7
79	49.9	46.3	69.5



Instrument :
BNA_F
ClientSampleId :
PB85222BS

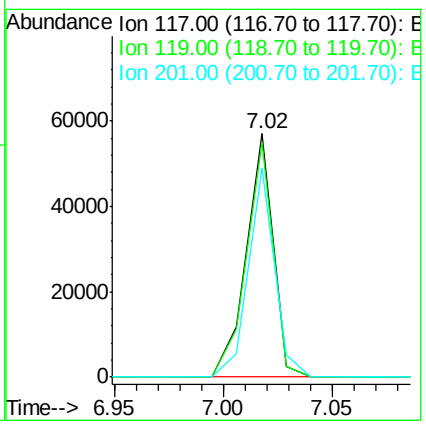
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

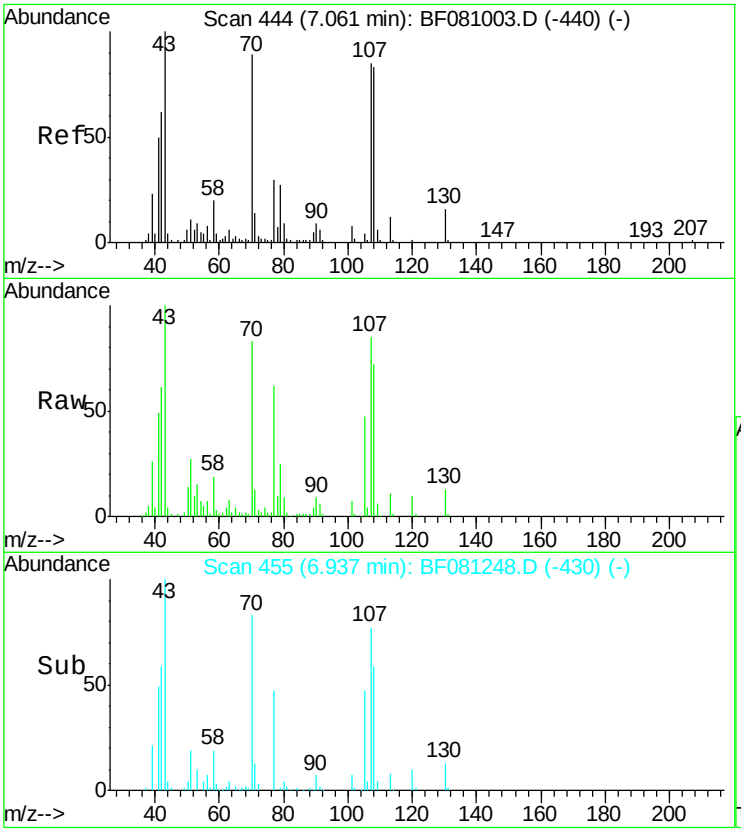


#18
Hexachloroethane
Concen: 35.23 ng
RT: 7.02 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:117 Resp: 48920

Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.9	116.9
201	85.8	61.3	91.9

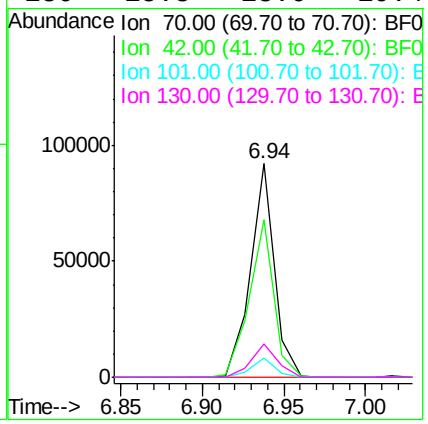




#19
n-Nitroso-di-n-propylamine
Concen: 35.02 ng
RT: 6.94 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

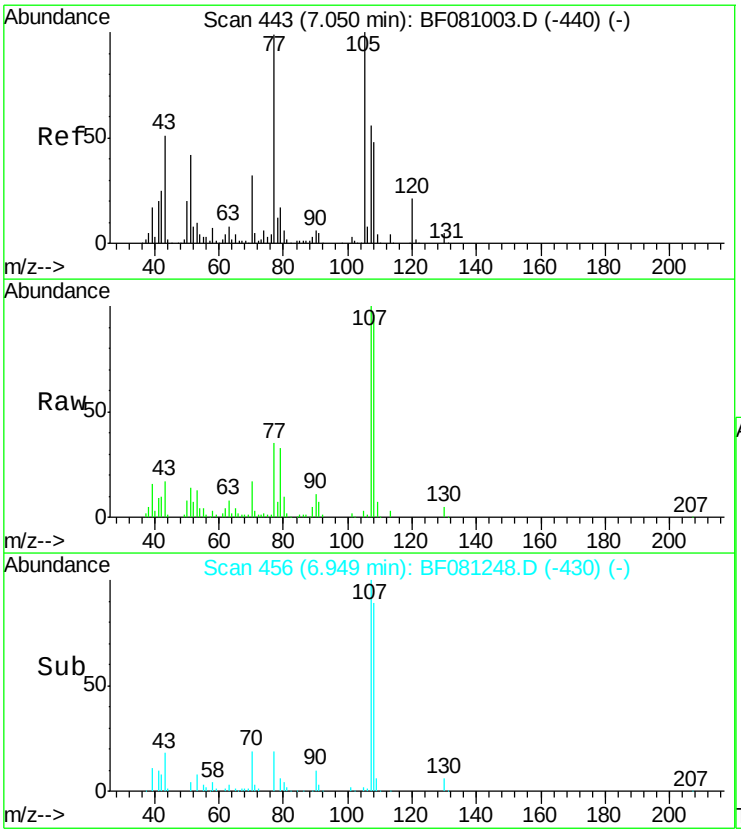
Tgt Ion: 70 Resp: 93408

Ion	Ratio	Lower	Upper
70	100		
42	73.8	65.0	97.4
101	8.8	7.4	11.2
130	15.8	13.0	19.4



Instrument :
BNA_F
ClientSampleId :
PB85222BS

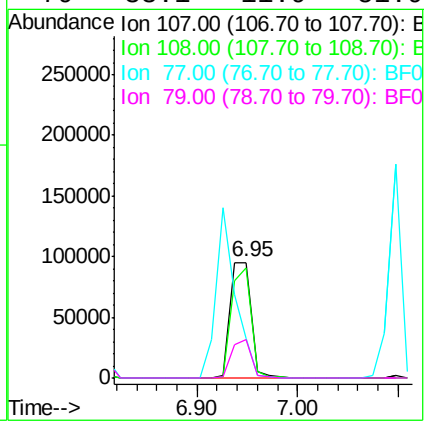
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

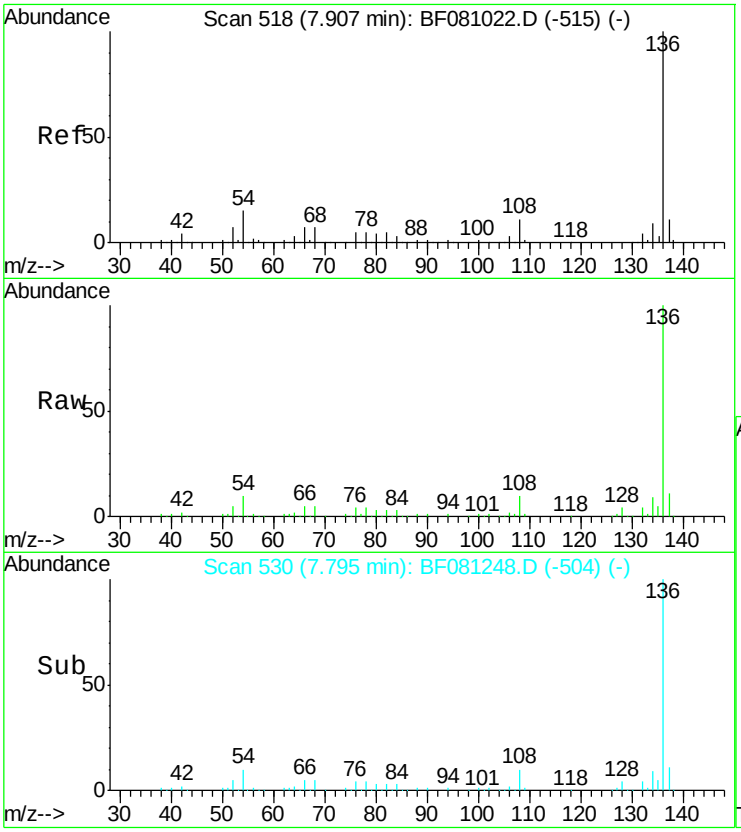


#20
3+4-Methylphenols
Concen: 39.28 ng
RT: 6.95 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:107 Resp: 138174

Ion	Ratio	Lower	Upper
107	100		
108	95.8	66.1	106.1
77	35.0	139.3	179.3#
79	33.1	11.9	51.9

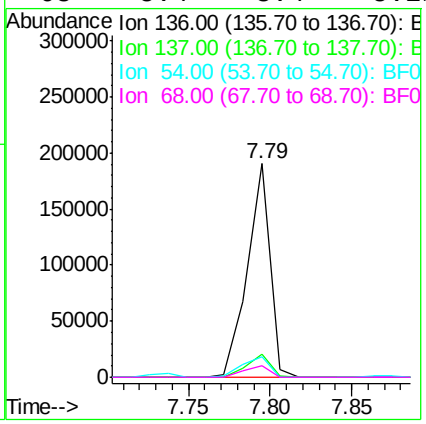




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

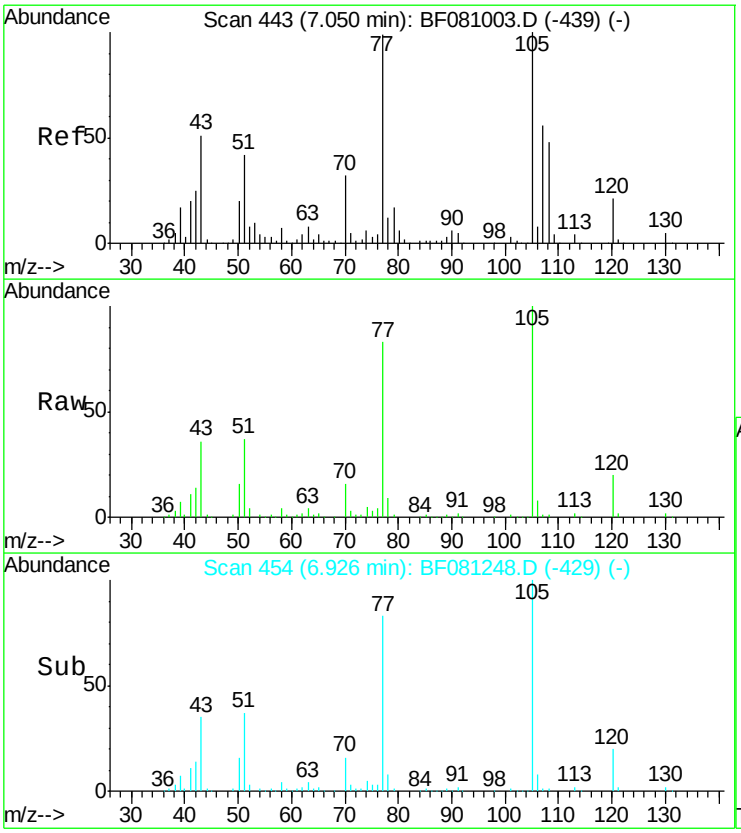
Tgt Ion:136 Resp: 183930

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.2
54	9.6	7.7	11.5
68	5.4	3.4	5.2#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

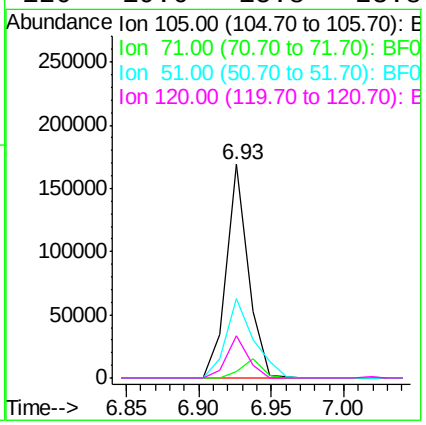
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

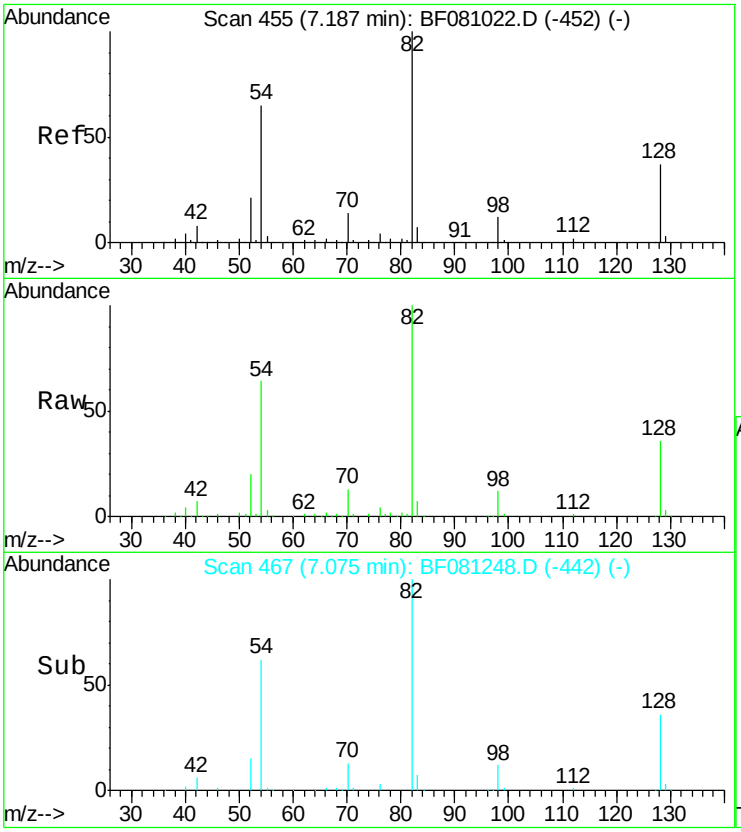


#22
Acetophenone
Concen: 36.82 ng
RT: 6.93 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:105 Resp: 177787

Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.0	4.6#
51	37.2	39.8	59.8#
120	19.6	15.8	23.8

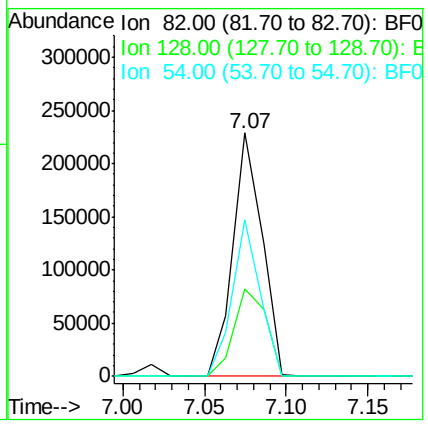




#23
Nitrobenzene-d5
Concen: 70.27 ng
RT: 7.07 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

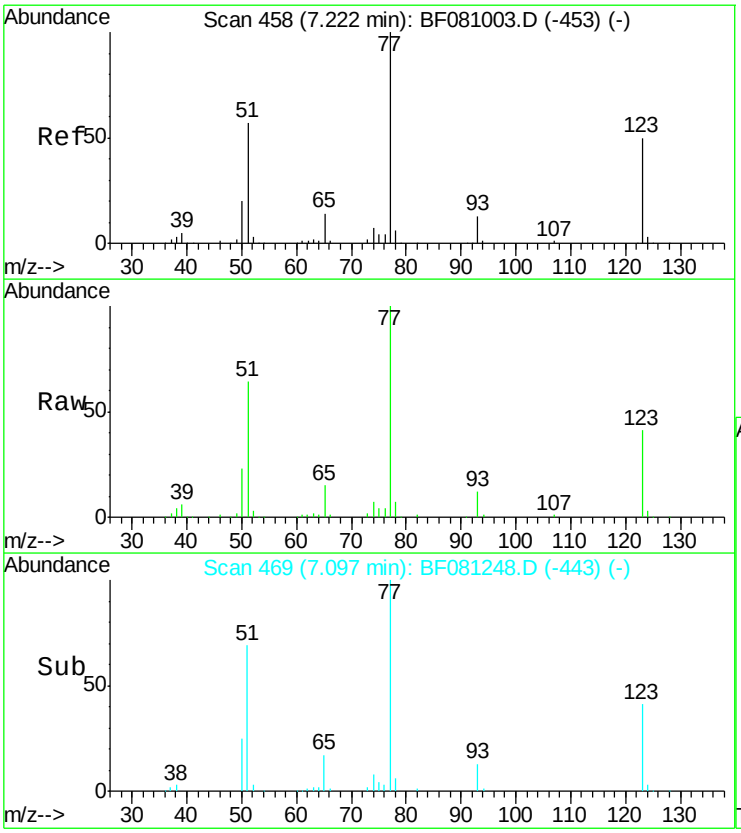
Tgt Ion: 82 Resp: 282948

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.6	42.8
54	64.4	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
PB85222BS

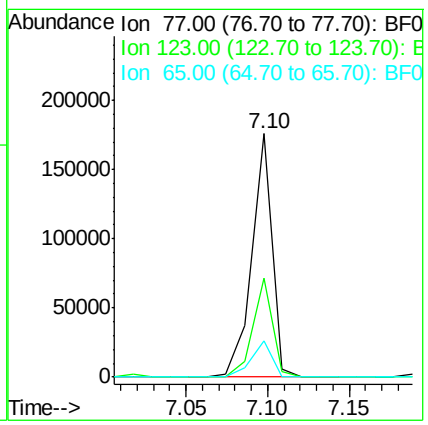
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

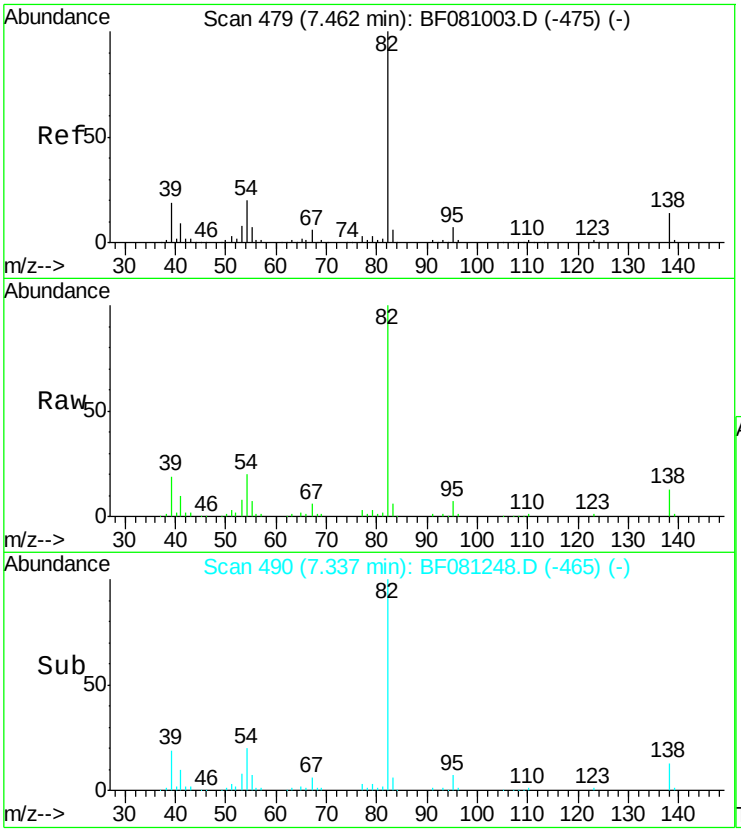


#24
Nitrobenzene
Concen: 36.04 ng
RT: 7.10 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 77 Resp: 151744

Ion	Ratio	Lower	Upper
77	100		
123	40.6	32.9	49.3
65	14.9	12.5	18.7

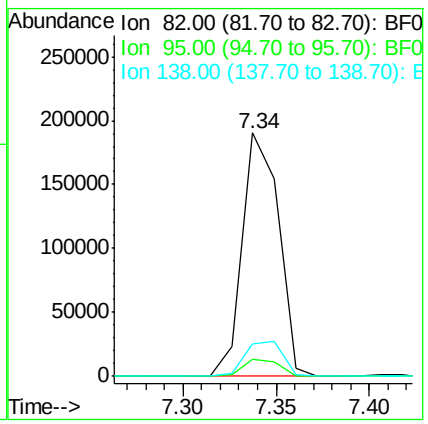




#25
Isophorone
Concen: 34.28 ng
RT: 7.34 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

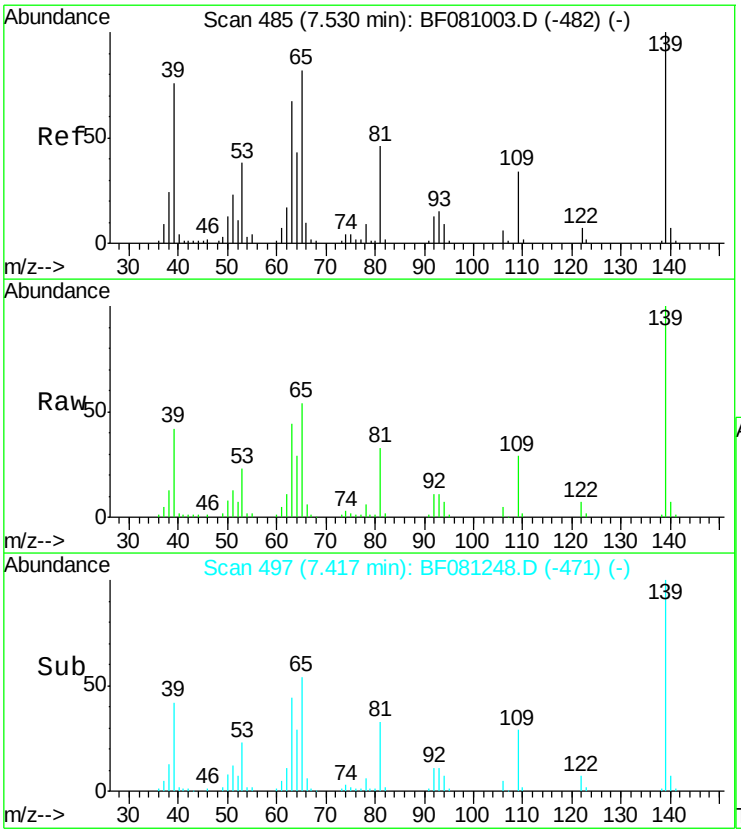
Tgt Ion: 82 Resp: 257367

Ion	Ratio	Lower	Upper
82	100		
95	6.9	6.2	9.2
138	13.1	10.5	15.7



Instrument :
BNA_F
ClientSampleId :
PB85222BS

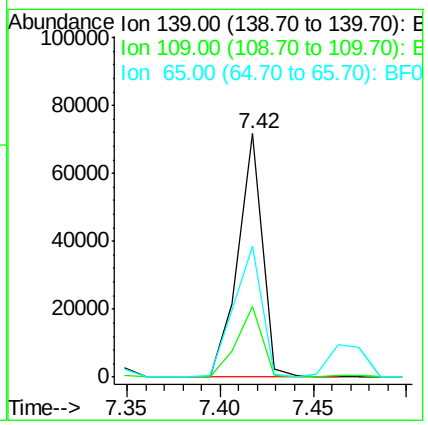
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

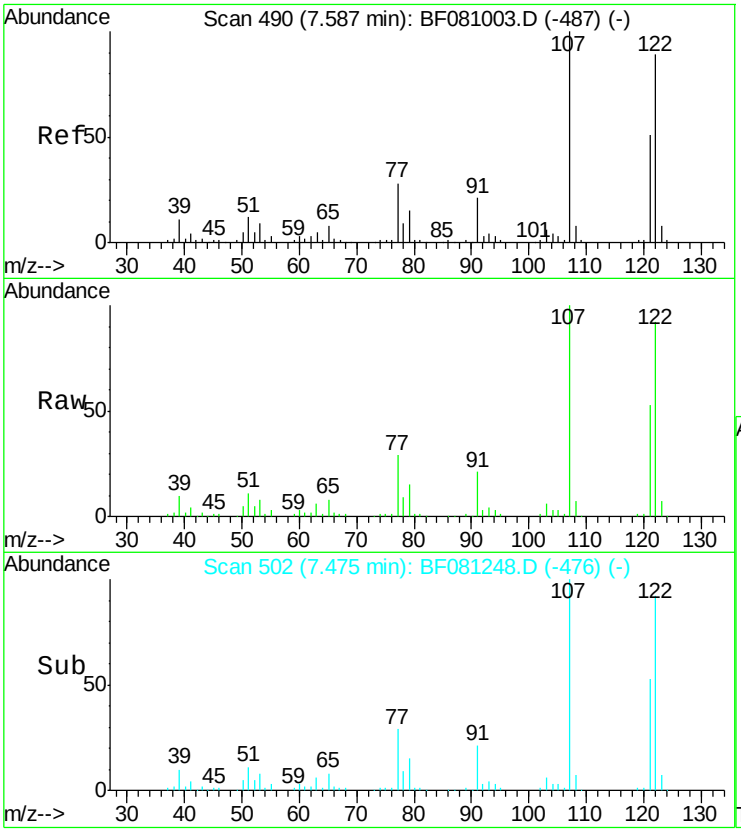


#26
2-Nitrophenol
Concen: 37.57 ng
RT: 7.42 min Scan# 497
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:139 Resp: 65772

Ion	Ratio	Lower	Upper
139	100		
109	29.2	32.1	48.1#
65	53.6	69.9	104.9#

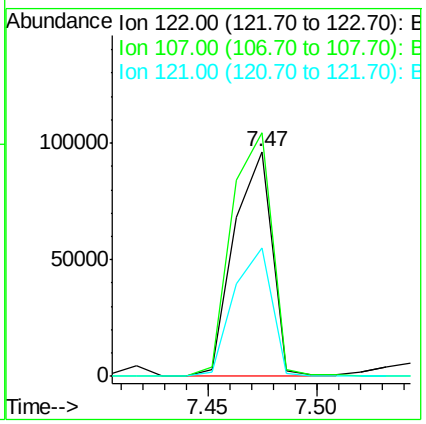




#27
2,4-Dimethylphenol
Concen: 37.84 ng
RT: 7.47 min Scan# 502
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

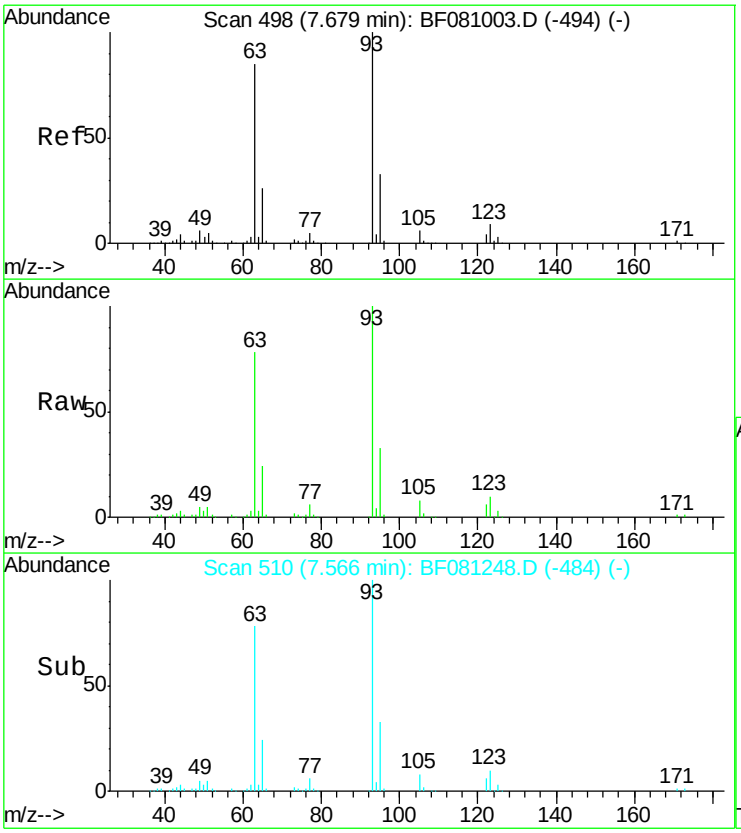
Tgt Ion:122 Resp: 117212

Ion	Ratio	Lower	Upper
122	100		
107	108.3	103.8	155.6
121	56.9	47.0	70.4



Instrument :
BNA_F
ClientSampleId :
PB85222BS

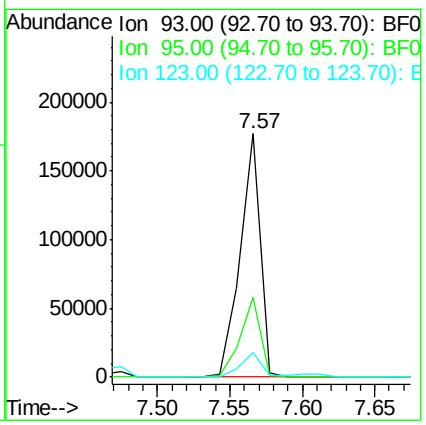
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

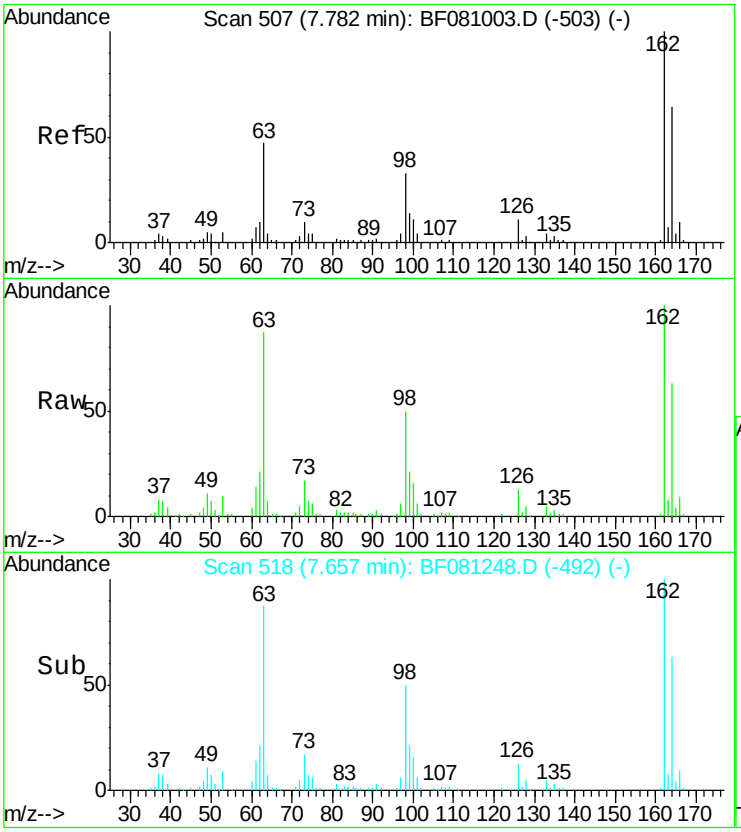


#28
bis(2-Chloroethoxy)methane
Concen: 38.49 ng
RT: 7.57 min Scan# 510
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 93 Resp: 170744

Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.8	38.8
123	10.0	7.4	11.0

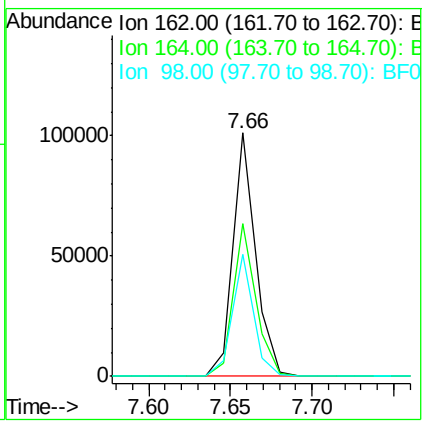




#29
2,4-Dichlorophenol
Concen: 36.66 ng
RT: 7.66 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

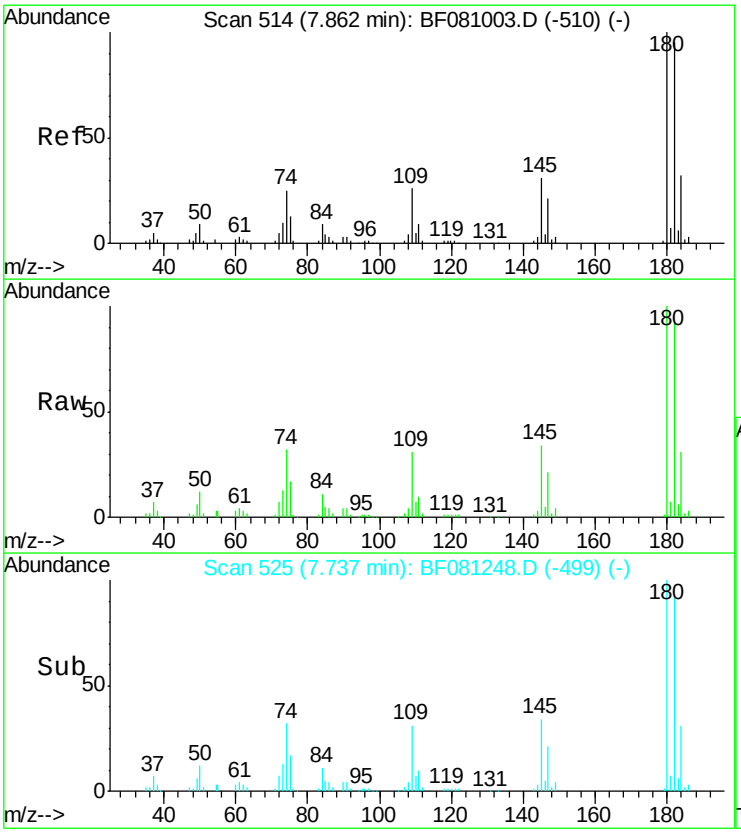
Tgt Ion:162 Resp: 95593

Ion	Ratio	Lower	Upper
162	100		
164	62.6	43.2	83.2
98	50.2	12.3	52.3



Instrument :
BNA_F
ClientSampleId :
PB85222BS

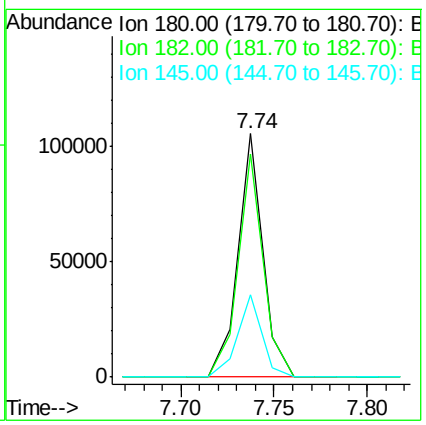
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

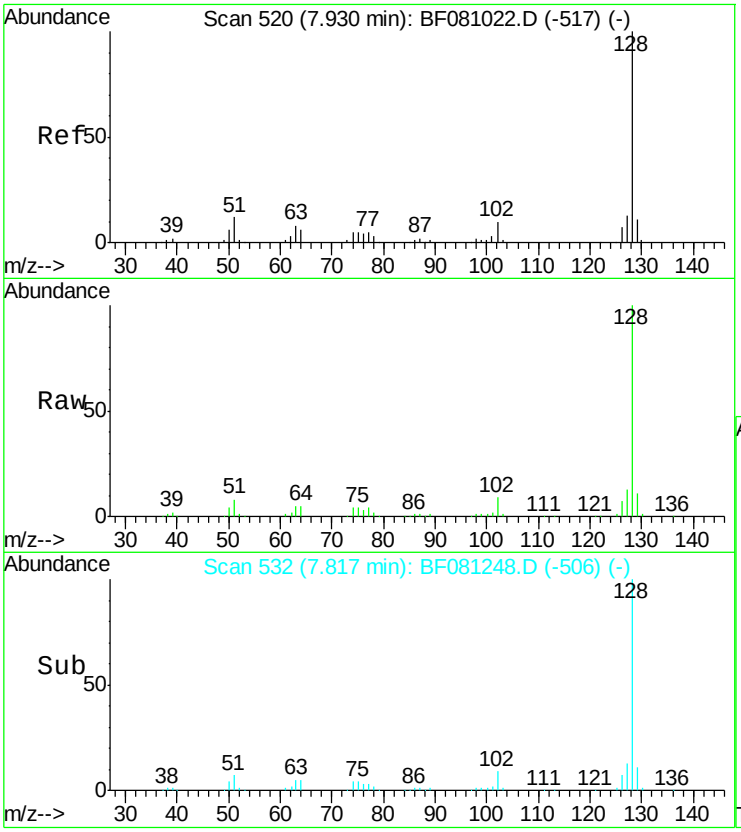


#30
1,2,4-Trichlorobenzene
Concen: 34.09 ng
RT: 7.74 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:180 Resp: 98789

Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.4	114.6
145	33.7	25.4	38.2

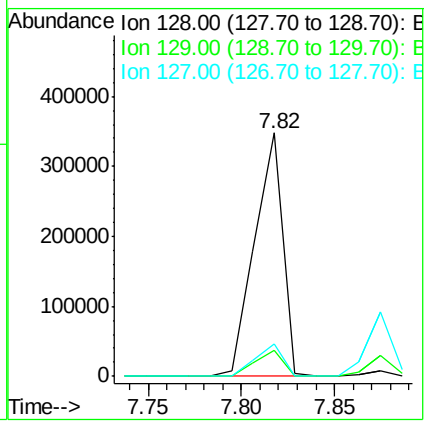




#31
Naphthalene
Concen: 35.96 ng
RT: 7.82 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

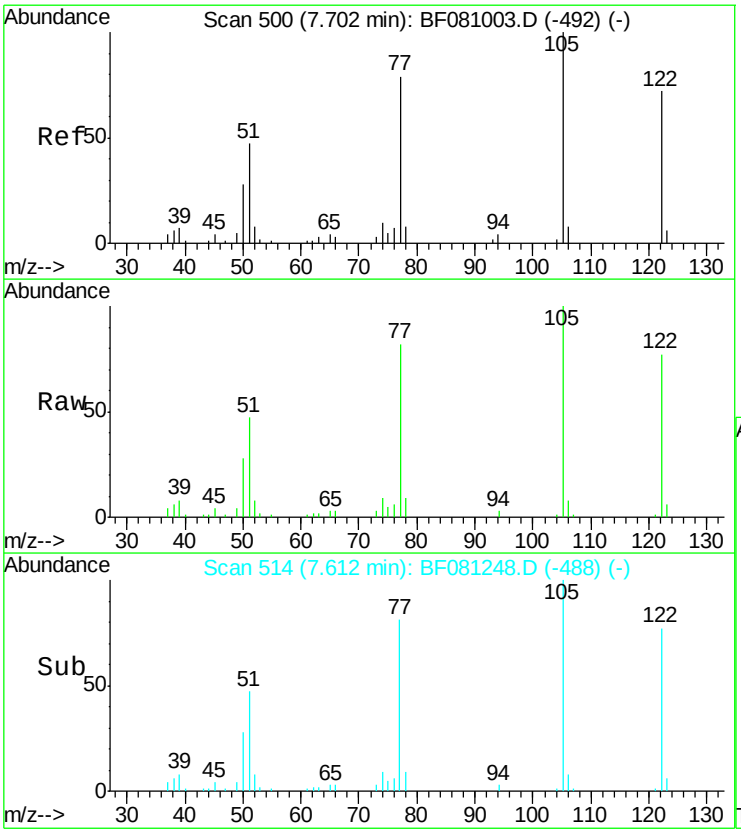
Tgt Ion:128 Resp: 368724

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.4	12.6
127	13.1	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB85222BS

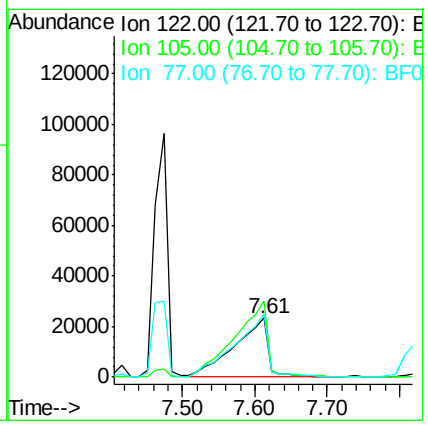
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

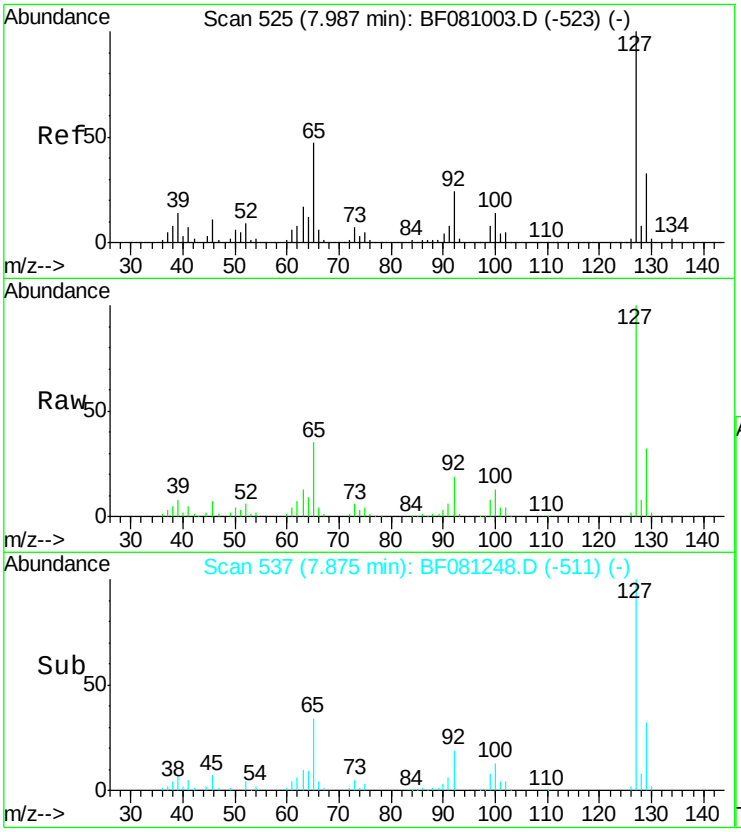


#32
Benzoic acid
Concen: 43.48 ng
RT: 7.61 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:122 Resp: 75748

Ion	Ratio	Lower	Upper
122	100		
105	129.3	113.8	153.8
77	106.0	93.8	133.8

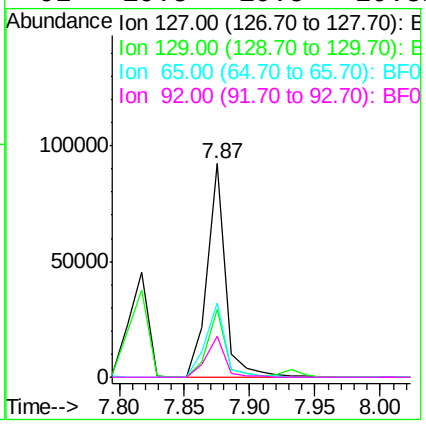




#33
4-Chloroaniline
Concen: 21.02 ng
RT: 7.87 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

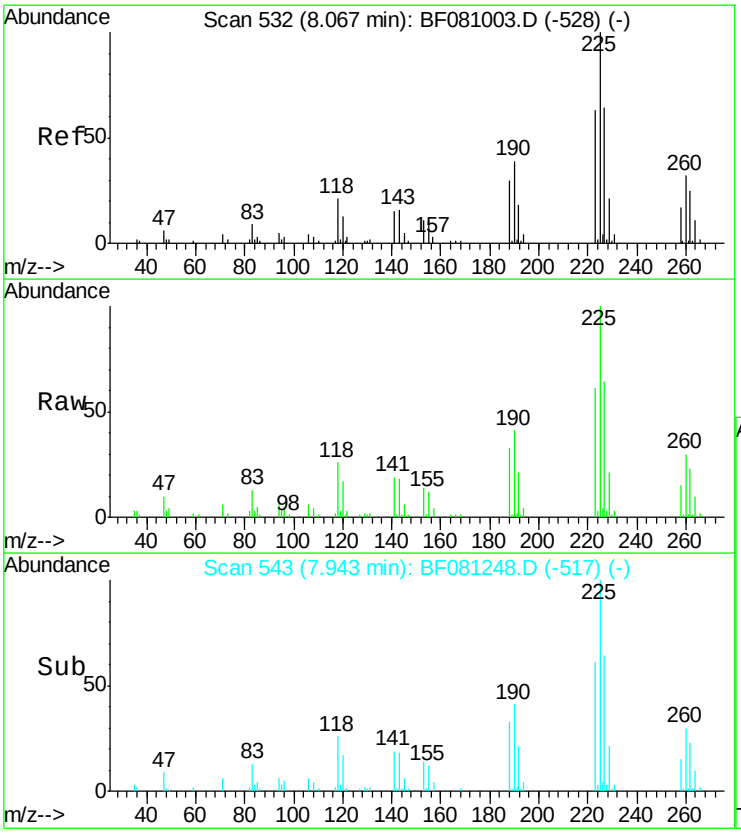
Tgt Ion:127 Resp: 90928

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.2	37.8
65	35.0	37.8	56.6#
92	19.5	19.5	29.3#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

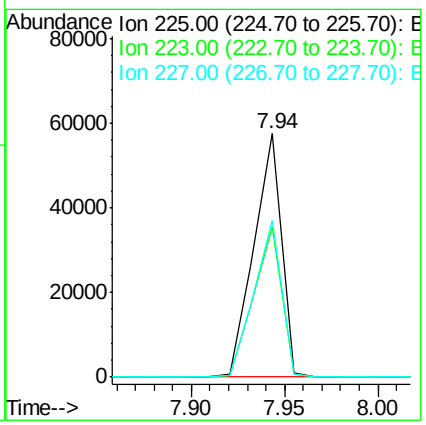
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

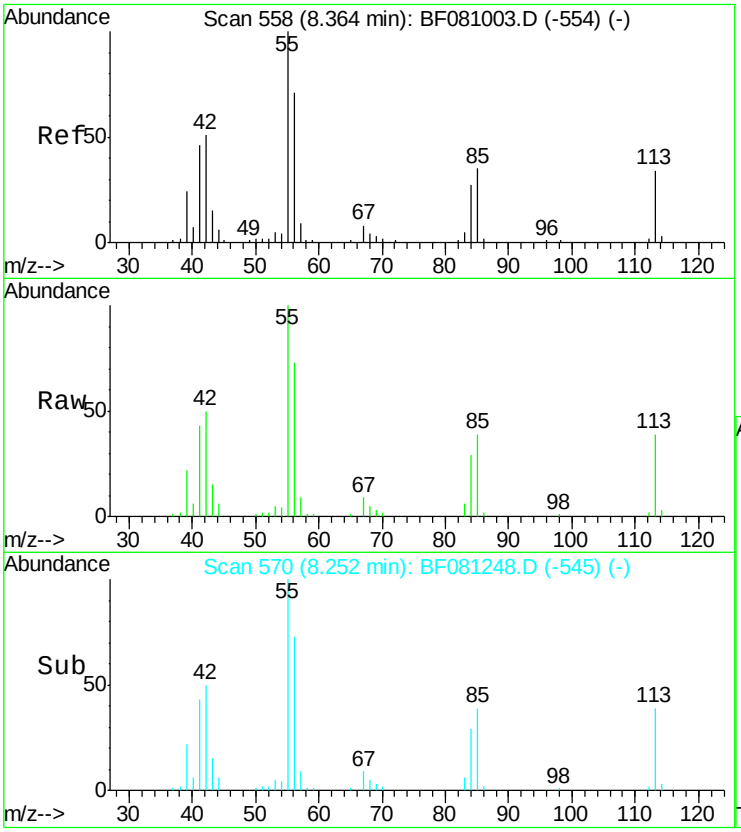


#34
Hexachlorobutadiene
Concen: 35.78 ng
RT: 7.94 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:225 Resp: 58643

Ion	Ratio	Lower	Upper
225	100		
223	61.5	52.6	79.0
227	64.3	51.1	76.7

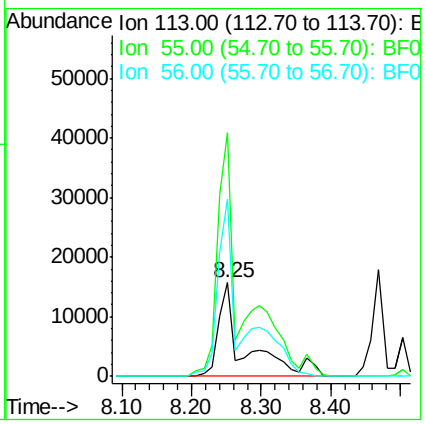




#35
Caprolactam
Concen: 44.22 ng m
RT: 8.25 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

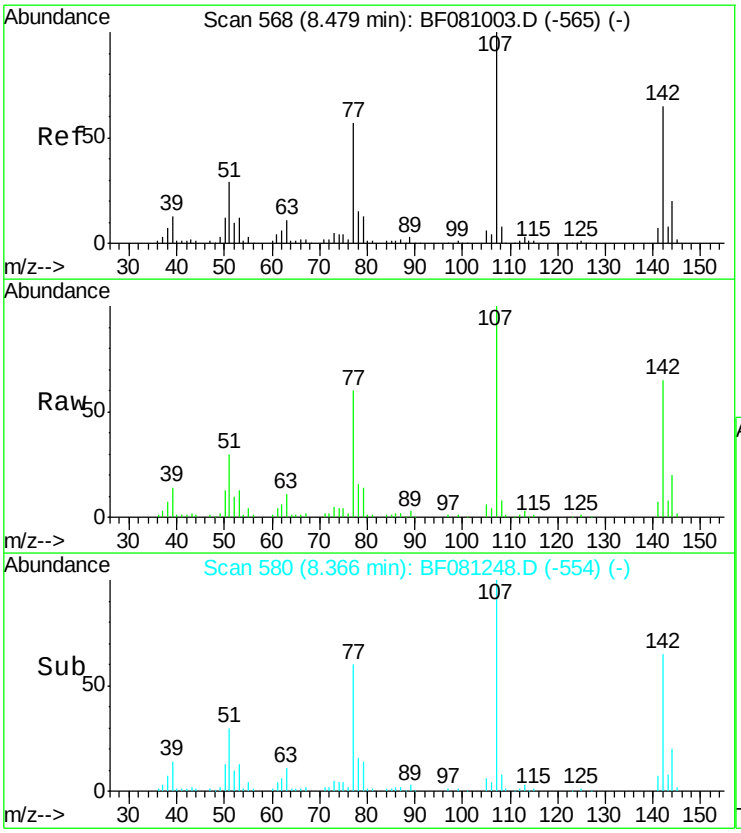
Tgt Ion:113 Resp: 40305

Ion	Ratio	Lower	Upper
113	100		
55	259.6	280.4	320.4#
56	188.6	205.9	245.9#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

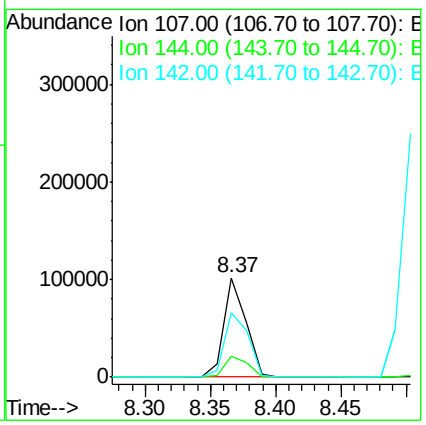
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

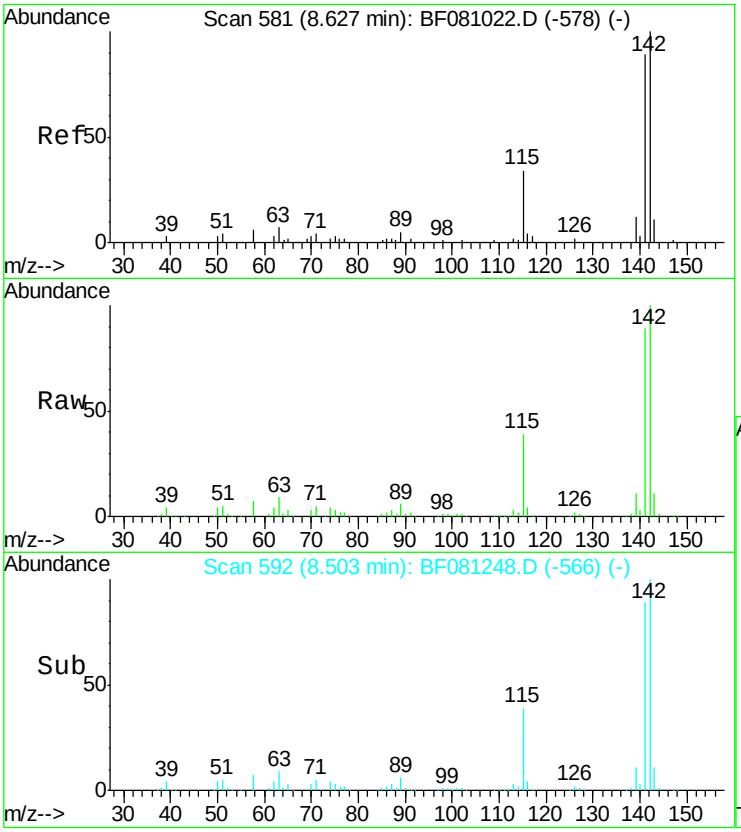


#36
4-Chloro-3-methylphenol
Concen: 38.53 ng
RT: 8.37 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:107 Resp: 119750

Ion	Ratio	Lower	Upper
107	100		
144	20.4	17.2	25.8
142	65.4	54.9	82.3

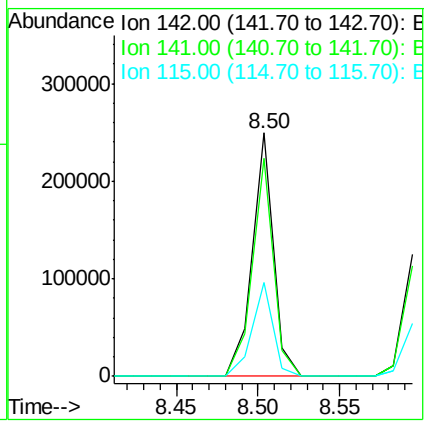




#37
2-Methylnaphthalene
Concen: 35.01 ng
RT: 8.50 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

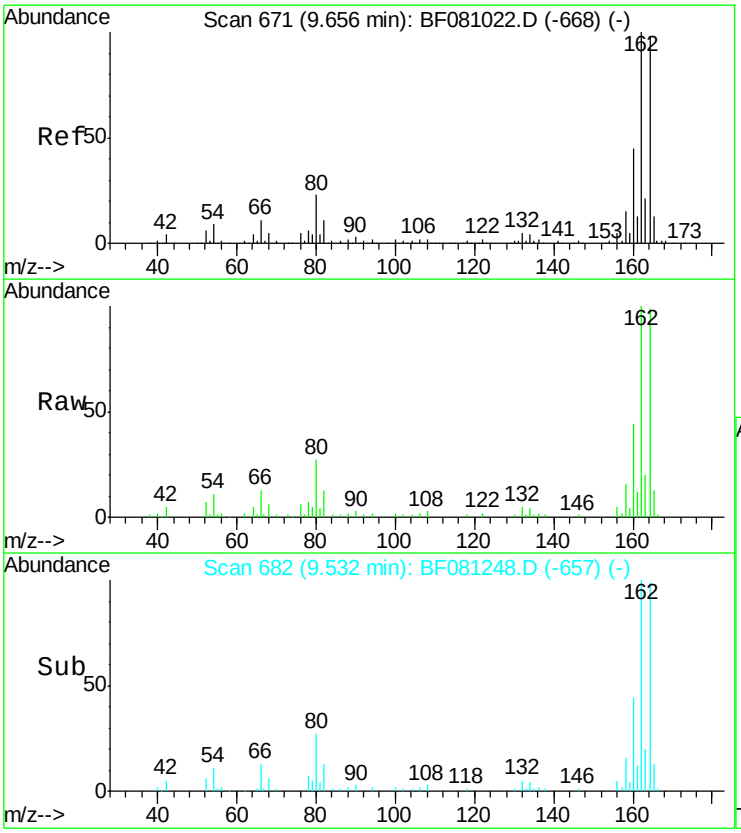
Tgt Ion:142 Resp: 226769

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.2
115	38.8	33.4	50.0



Instrument :
BNA_F
ClientSampleId :
PB85222BS

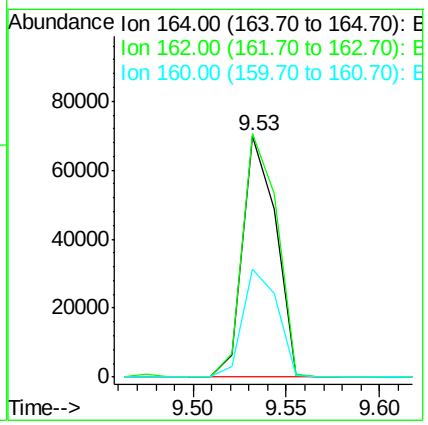
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

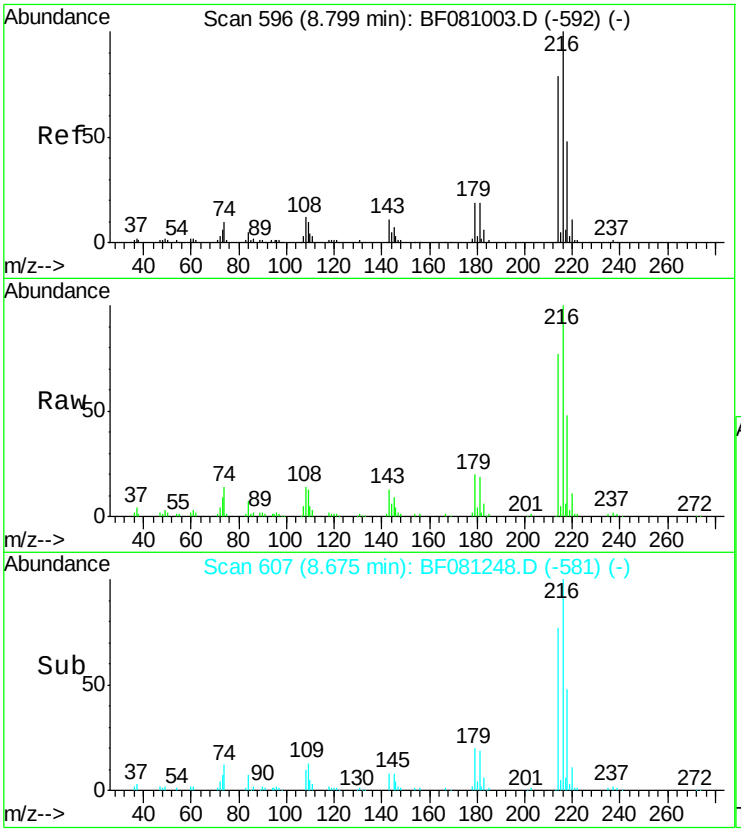


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:164 Resp: 86277

Ion	Ratio	Lower	Upper
164	100		
162	101.0	83.8	125.8
160	44.7	39.8	59.8

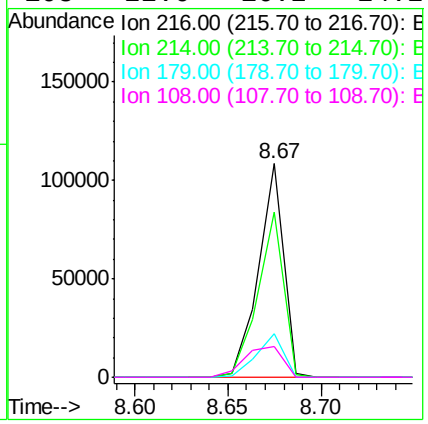




#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.35 ng
RT: 8.67 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

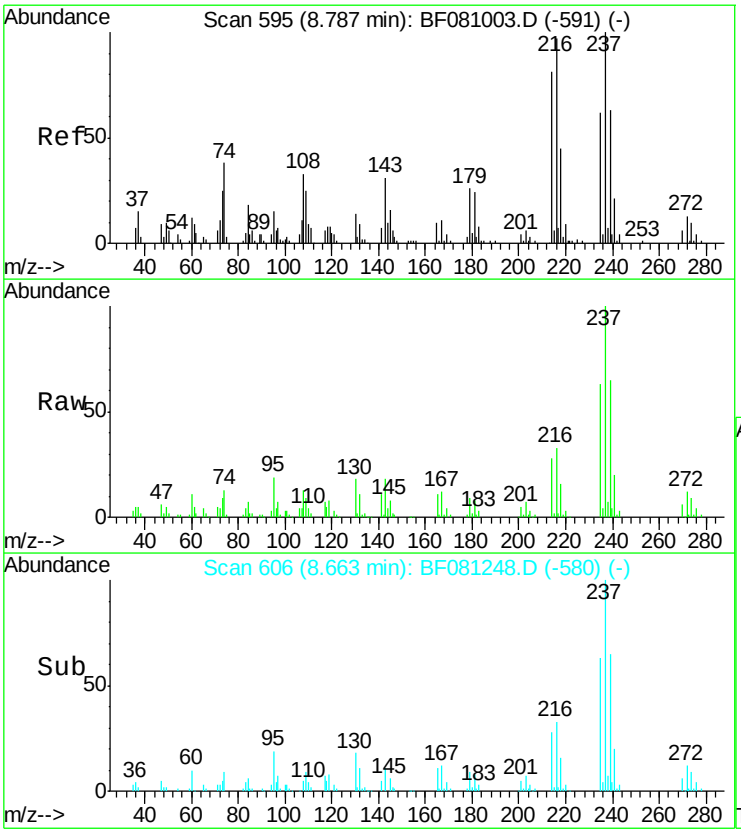
Tgt Ion:216 Resp: 101195

Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.8	95.8
179	21.4	17.8	26.8
108	22.0	16.2	24.2



Instrument :
BNA_F
ClientSampleId :
PB85222BS

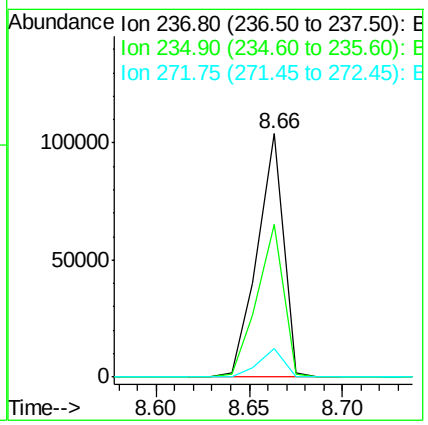
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

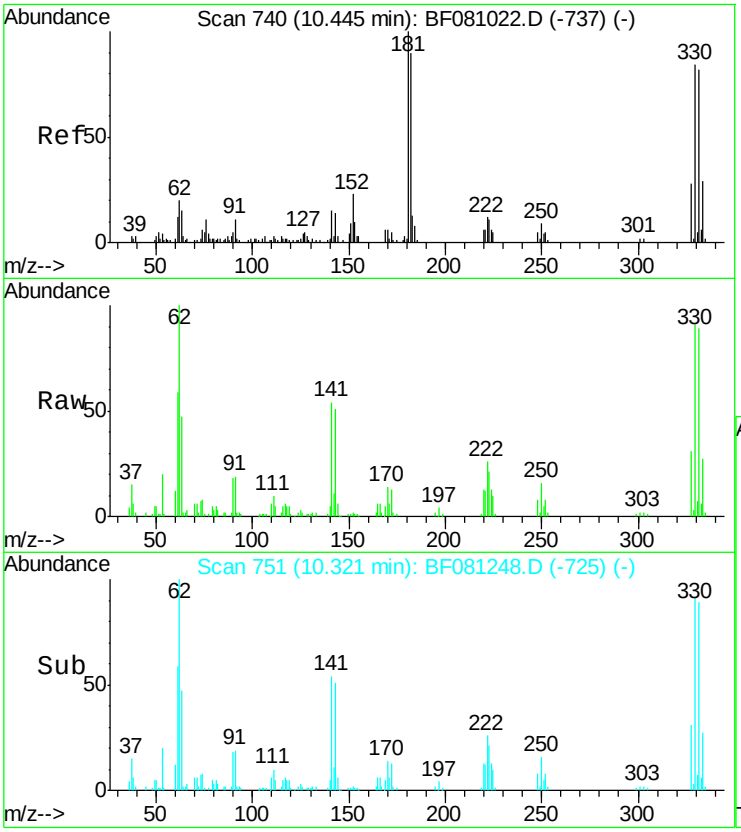


#40
Hexachlorocyclopentadiene
Concen: 70.27 ng
RT: 8.66 min Scan# 606
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:237 Resp: 101241

Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.6	83.6
272	11.8	0.0	32.2

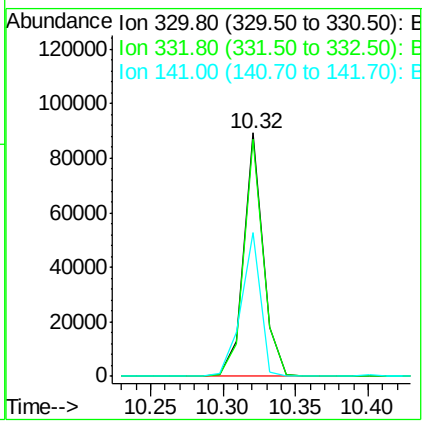




#41
2,4,6-Tribromophenol
Concen: 111.84 ng
RT: 10.32 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

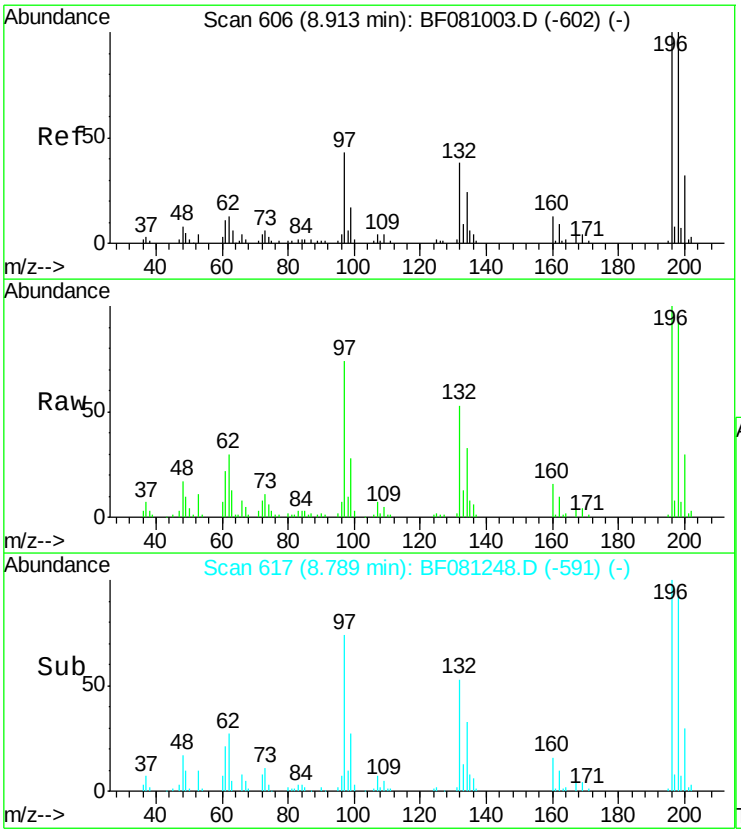
Tgt Ion:330 Resp: 83644

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.3	115.9
141	58.6	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
PB85222BS

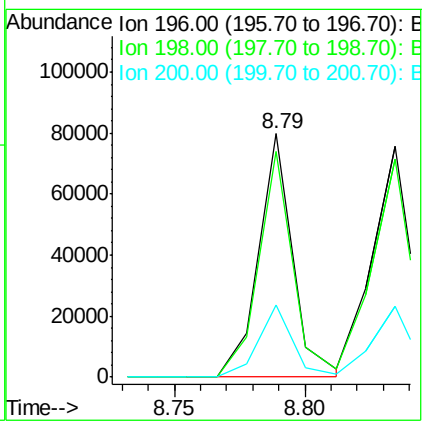
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

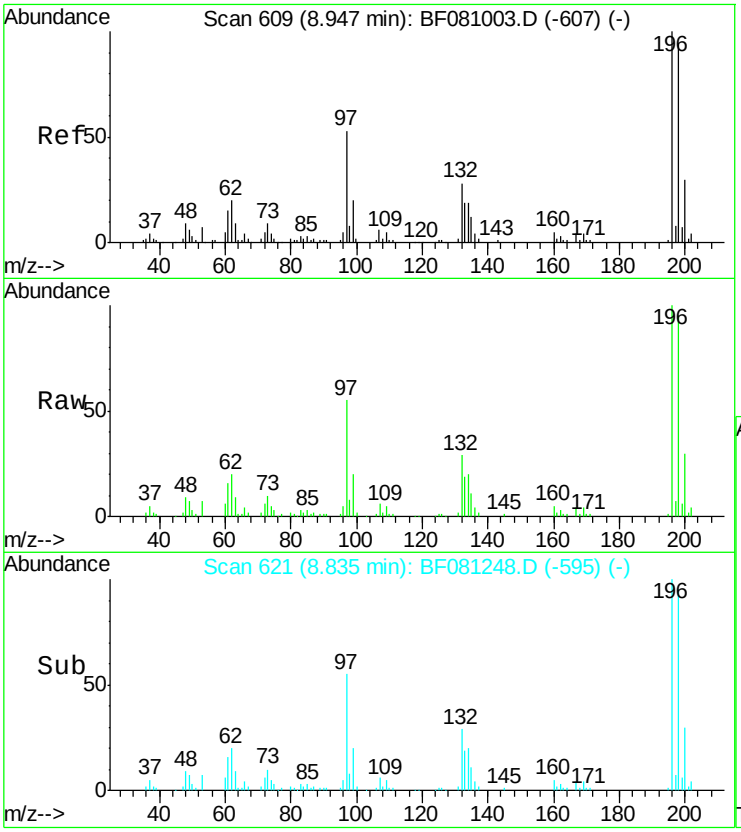


#42
2,4,6-Trichlorophenol
Concen: 37.12 ng
RT: 8.79 min Scan# 617
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:196 Resp: 72996

Ion	Ratio	Lower	Upper
196	100		
198	92.6	74.6	111.8
200	29.6	22.7	34.1

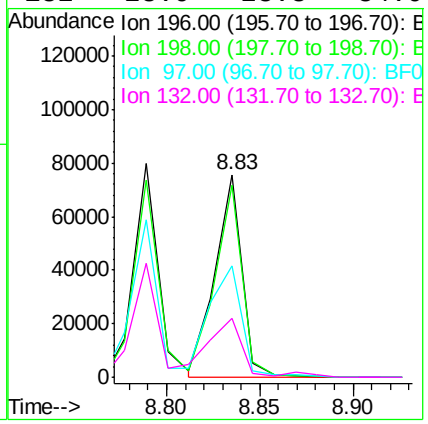




#43
2,4,5-Trichlorophenol
Concen: 39.01 ng
RT: 8.83 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

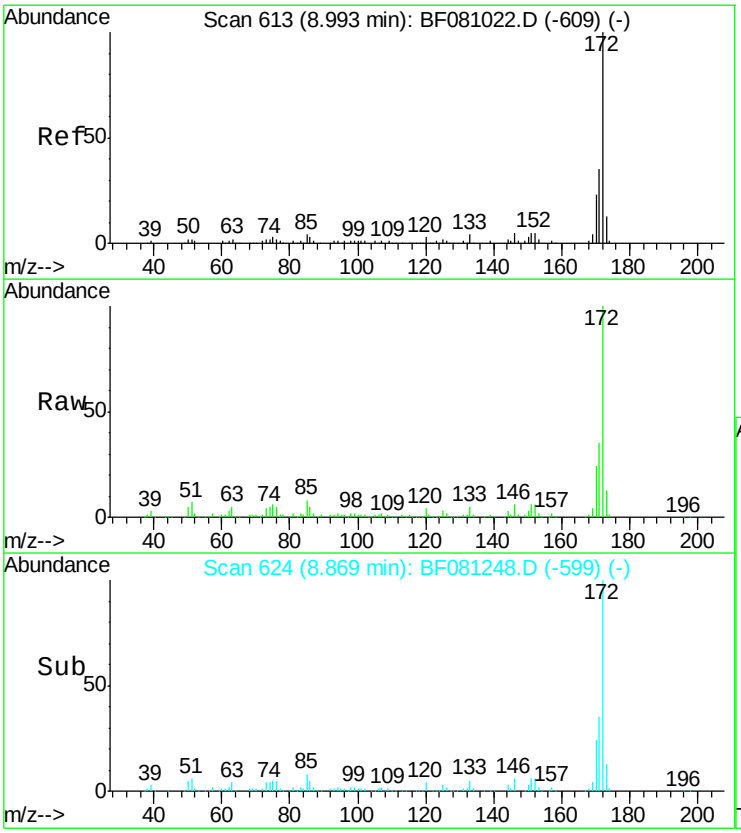
Tgt Ion:196 Resp: 76668

Ion	Ratio	Lower	Upper
196	100		
198	94.7	78.3	117.5
97	54.7	42.7	64.1
132	28.9	23.3	34.9



Instrument :
BNA_F
ClientSampleId :
PB85222BS

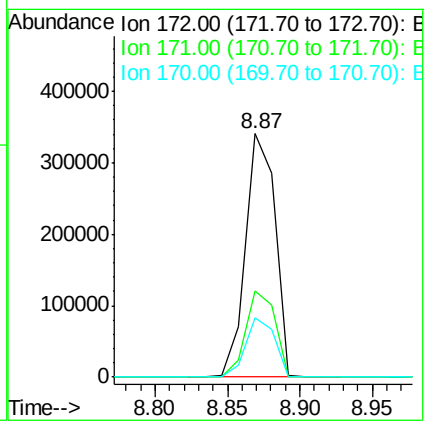
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

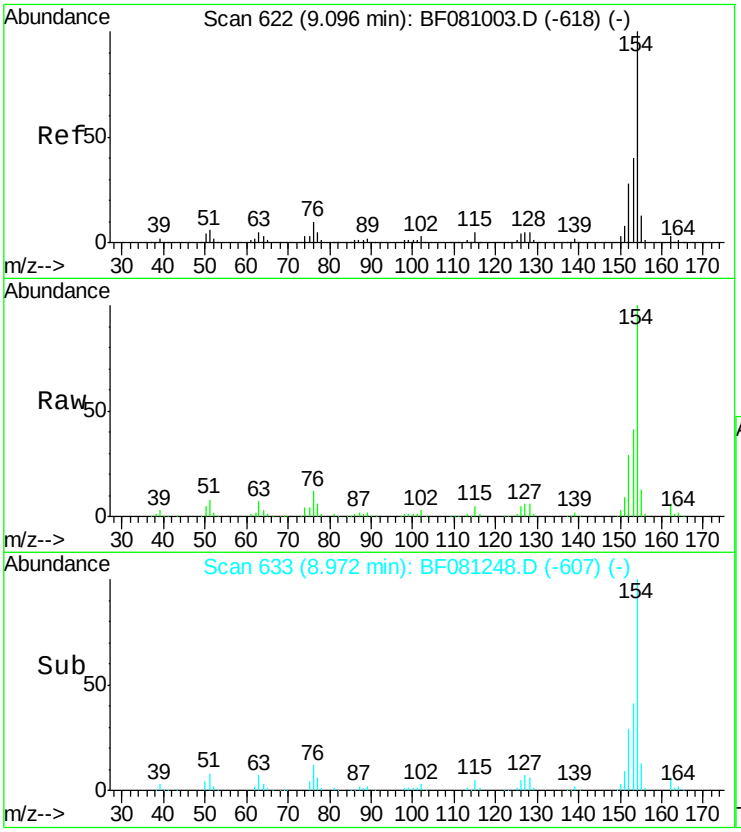


#44
2-Fluorobiphenyl
Concen: 72.84 ng
RT: 8.87 min Scan# 624
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:172 Resp: 479646

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	24.3	19.4	29.2

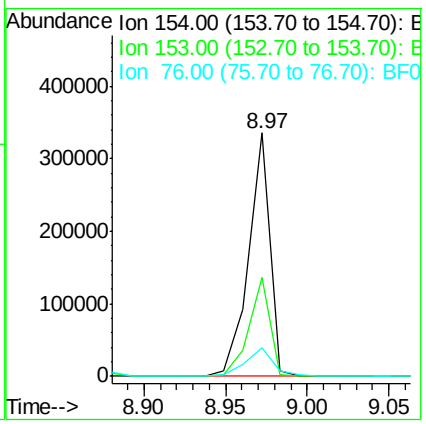




#45
1,1'-Biphenyl
Concen: 39.98 ng
RT: 8.97 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

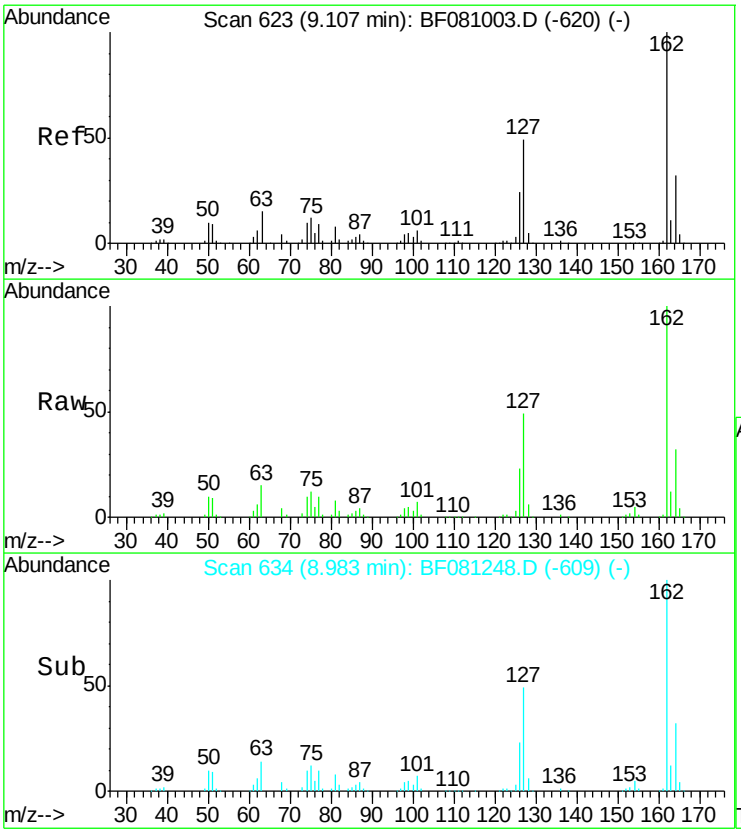
Tgt Ion:154 Resp: 303843

Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.5	59.5
76	11.9	0.0	29.3



Instrument :
BNA_F
ClientSampleId :
PB85222BS

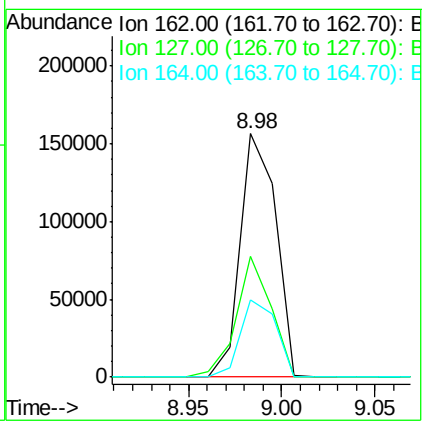
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

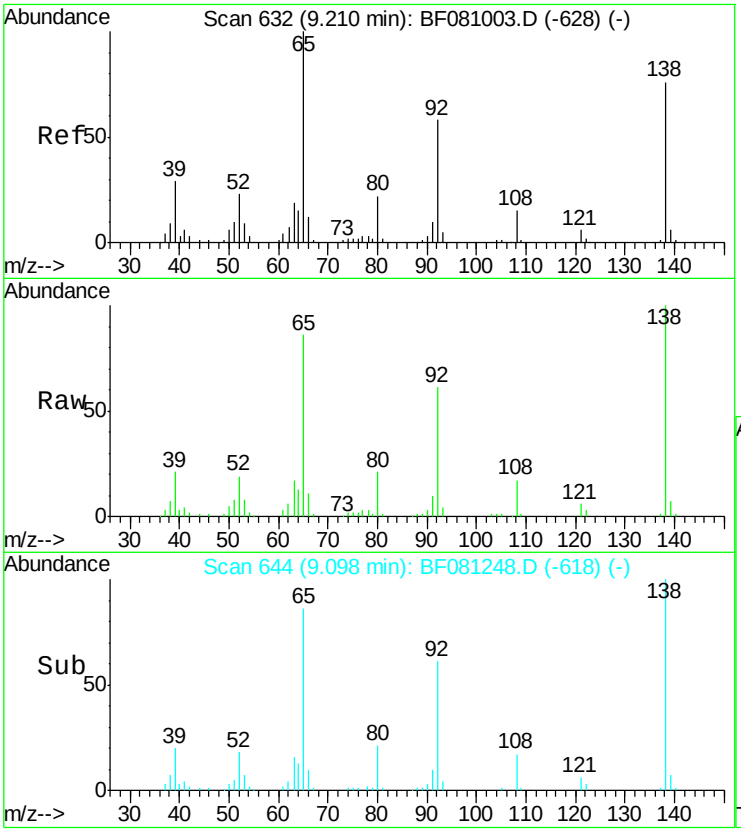


#46
2-Chloronaphthalene
Concen: 33.89 ng
RT: 8.98 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:162 Resp: 206887

Ion	Ratio	Lower	Upper
162	100		
127	49.4	31.3	46.9#
164	31.6	26.3	39.5

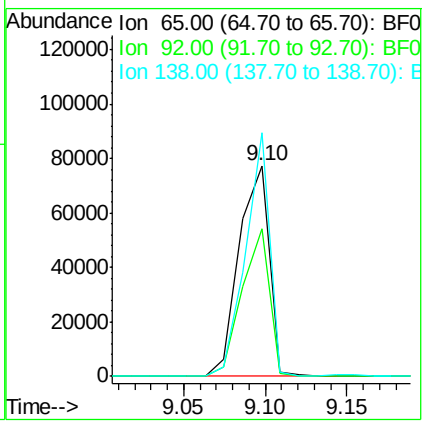




#47
2-Nitroaniline
Concen: 39.38 ng
RT: 9.10 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

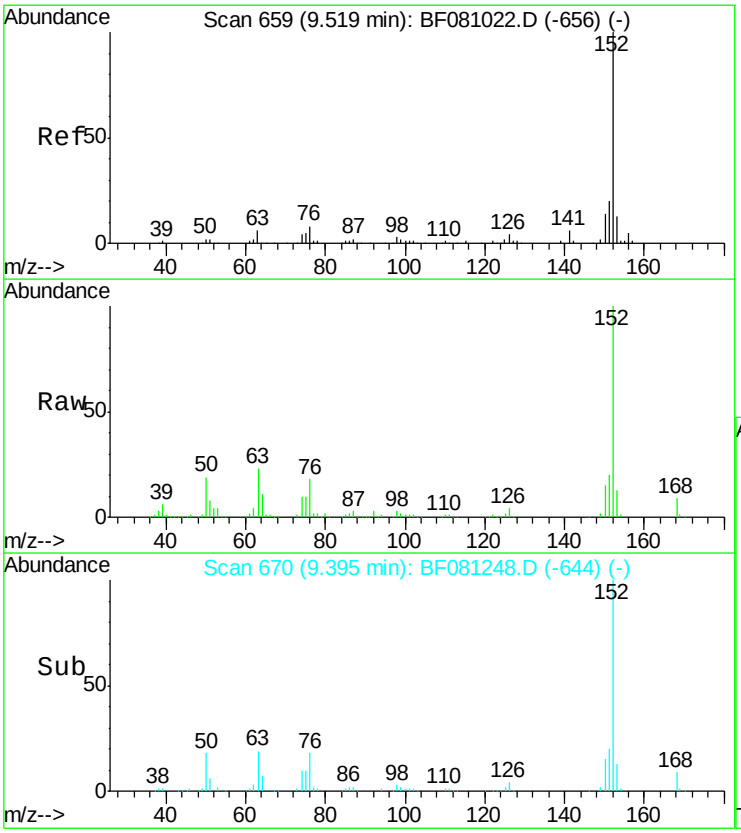
Tgt Ion: 65 Resp: 98391

Ion	Ratio	Lower	Upper
65	100		
92	70.0	45.6	68.4#
138	115.6	57.9	86.9#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

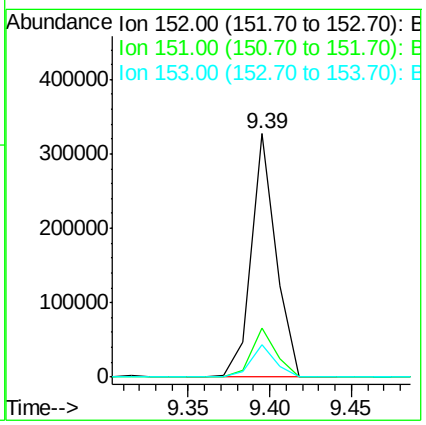
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

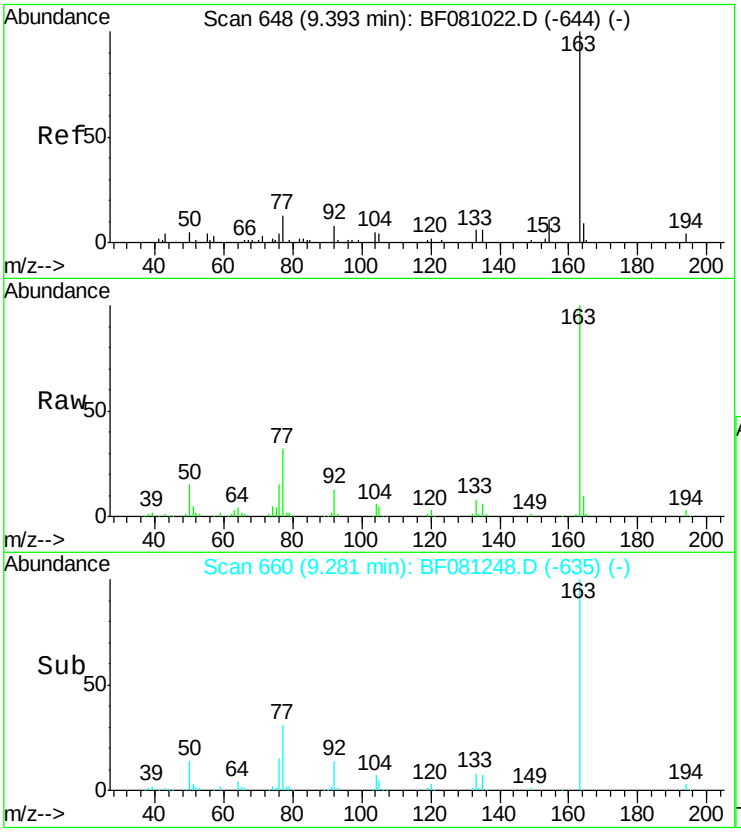


#48
Acenaphthylene
Concen: 31.41 ng
RT: 9.39 min Scan# 670
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:152 Resp: 343014

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1
153	13.1	9.8	14.6

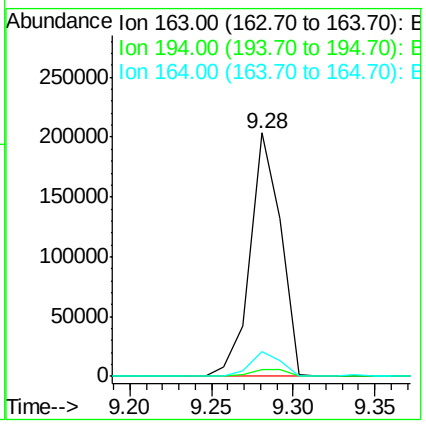




#49
Dimethylphthalate
Concen: 37.30 ng
RT: 9.28 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

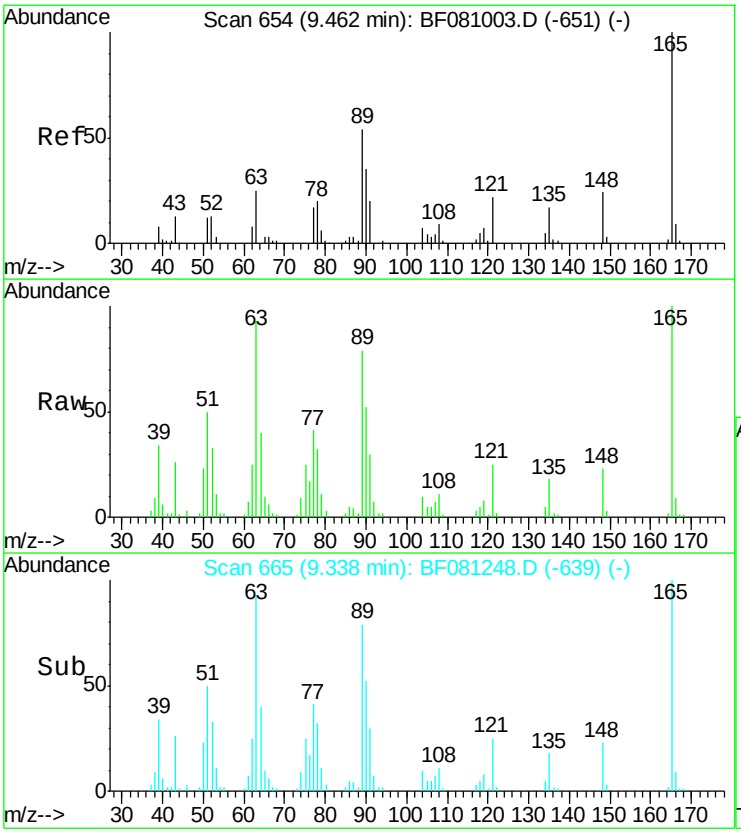
Tgt Ion:163 Resp: 264998

Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.5	3.7
164	10.4	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
PB85222BS

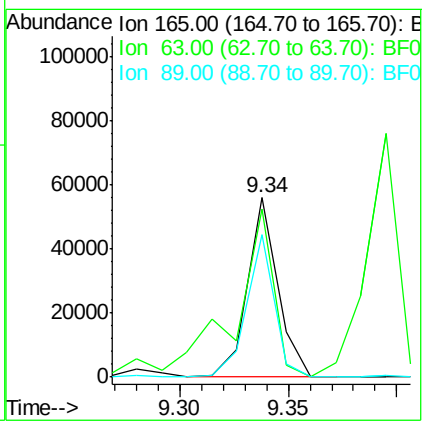
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

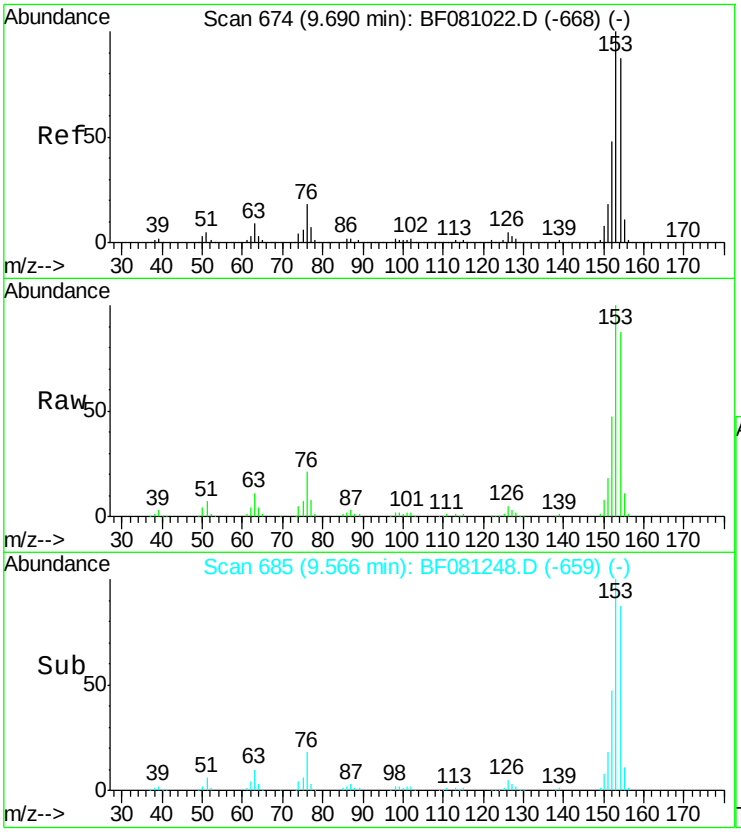


#50
2,6-Dinitrotoluene
Concen: 35.62 ng
RT: 9.34 min Scan# 665
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:165 Resp: 54345

Ion	Ratio	Lower	Upper
165	100		
63	93.5	49.5	74.3#
89	79.0	47.6	71.4#

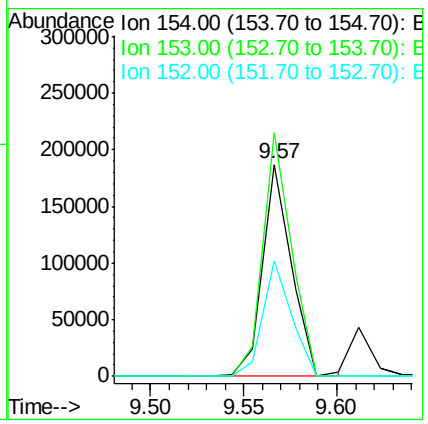




#51
Acenaphthene
Concen: 30.62 ng
RT: 9.57 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

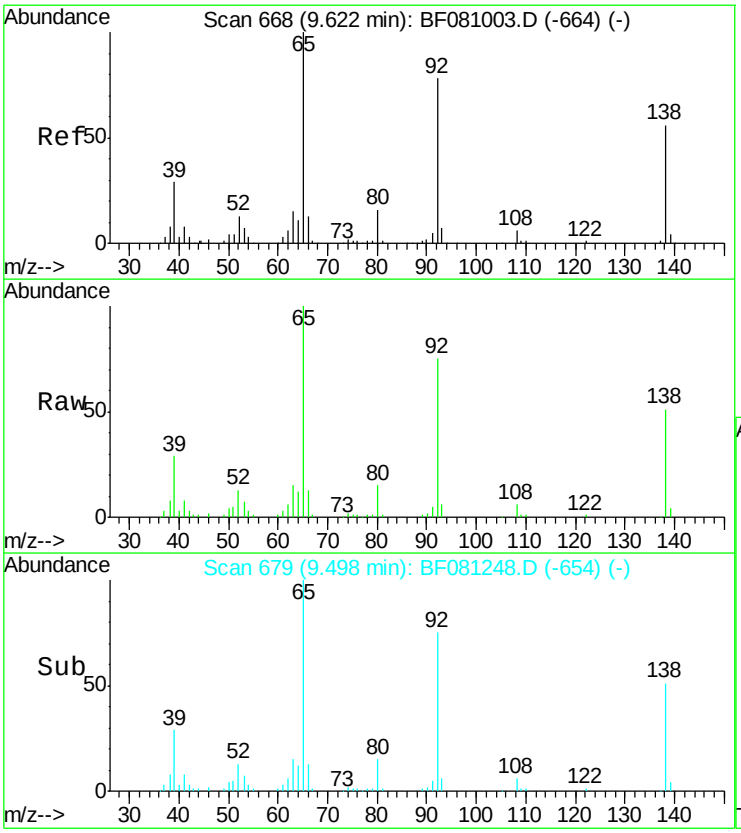
Tgt Ion:154 Resp: 200172

Ion	Ratio	Lower	Upper
154	100		
153	115.0	91.4	137.2
152	54.6	43.7	65.5



Instrument :
BNA_F
ClientSampleId :
PB85222BS

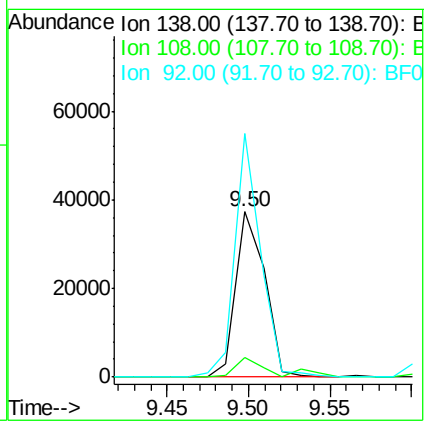
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

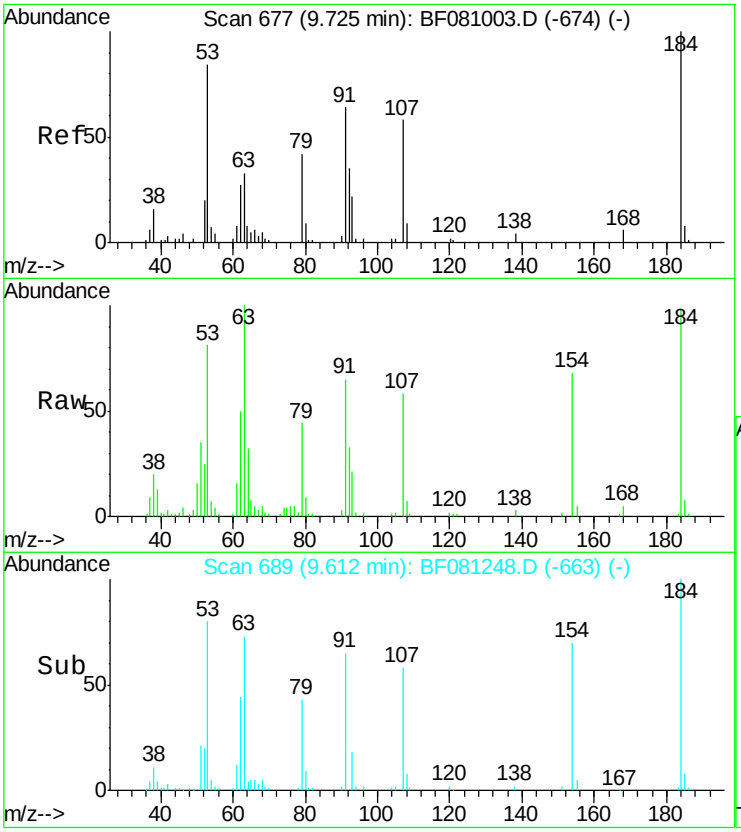


#52
3-Nitroaniline
Concen: 23.85 ng
RT: 9.50 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:138 Resp: 45530

Ion	Ratio	Lower	Upper
138	100		
108	11.6	9.4	14.2
92	147.6	113.2	169.8

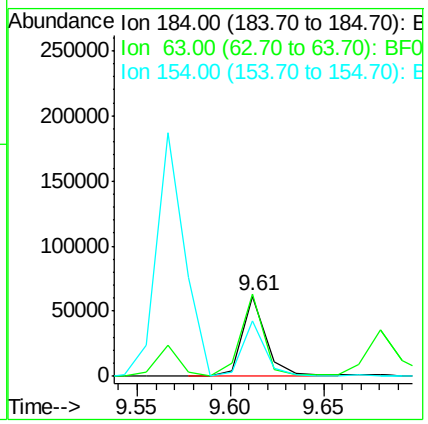




#53
2,4-Dinitrophenol
Concen: 67.54 ng
RT: 9.61 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

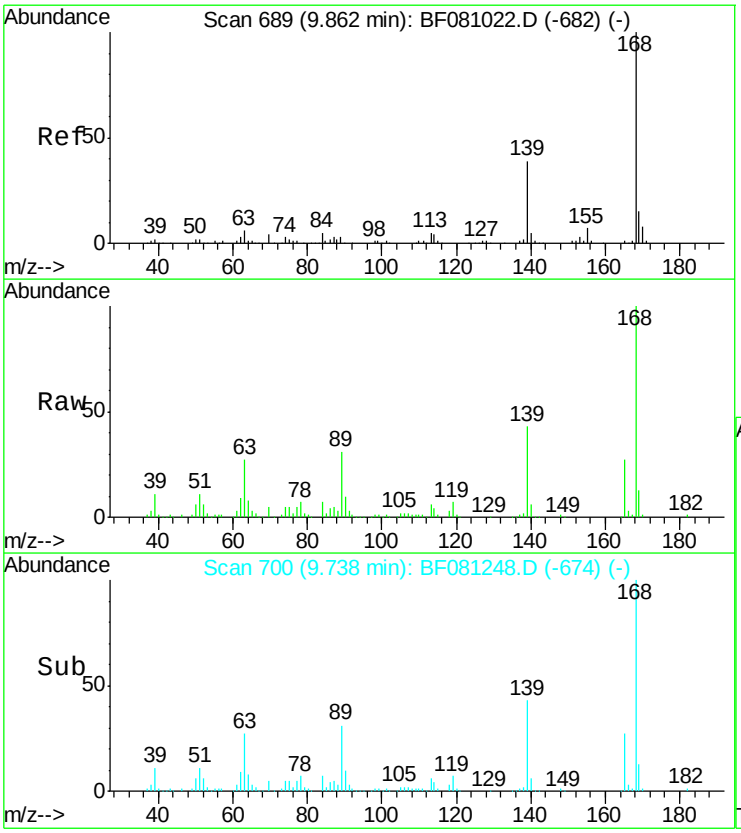
Tgt Ion:184 Resp: 55394

Ion	Ratio	Lower	Upper
184	100		
63	102.3	101.7	152.5
154	69.6	67.4	101.0



Instrument :
BNA_F
ClientSampleId :
PB85222BS

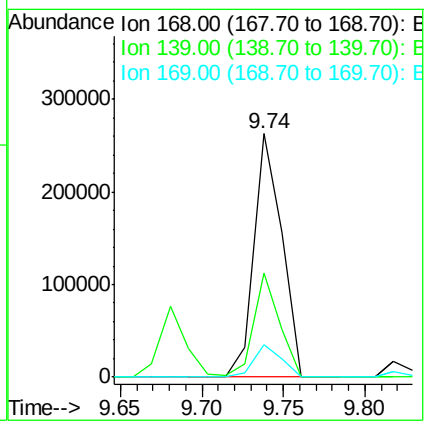
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

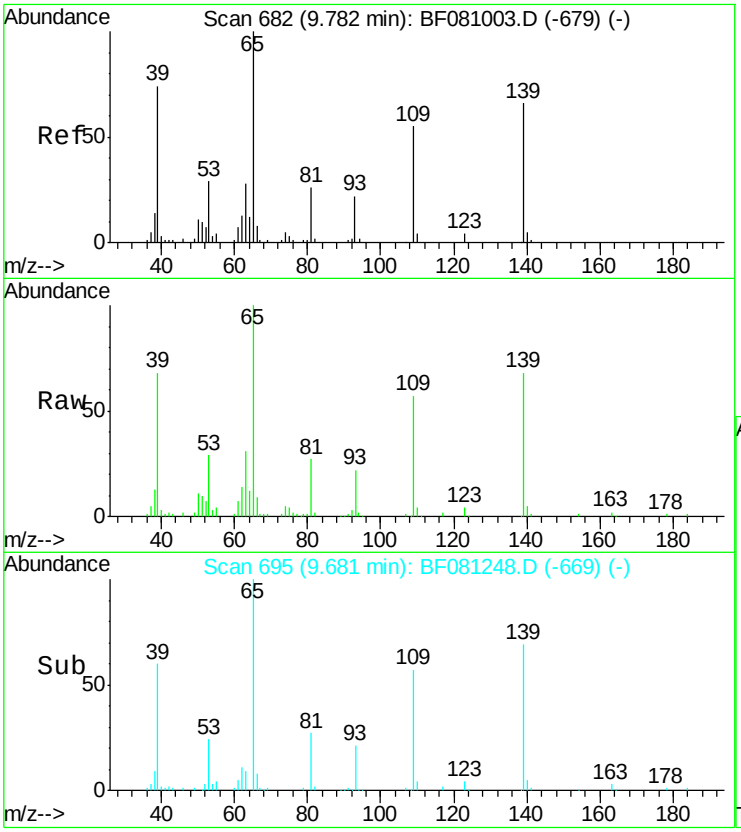


#54
Dibenzofuran
Concen: 35.52 ng
RT: 9.74 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:168 Resp: 311170

Ion	Ratio	Lower	Upper
168	100		
139	42.6	29.3	43.9
169	13.4	10.3	15.5

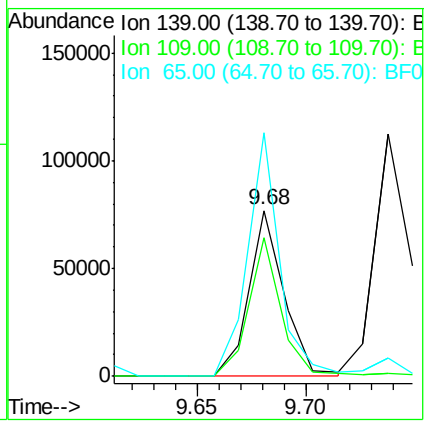




#55
4-Nitrophenol
Concen: 64.66 ng
RT: 9.68 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

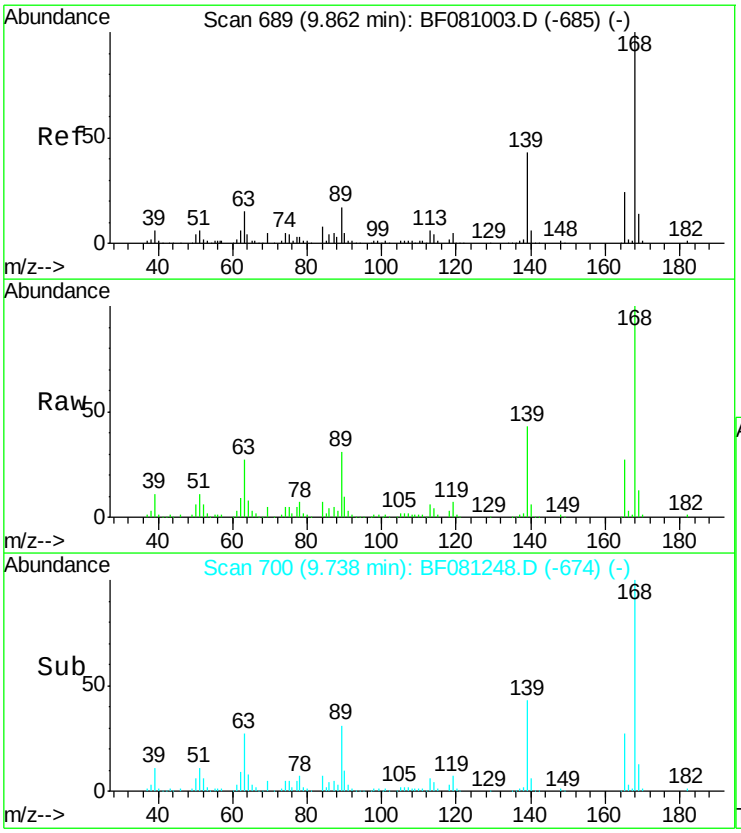
Tgt Ion:139 Resp: 86701

Ion	Ratio	Lower	Upper
139	100		
109	83.1	80.0	120.0
65	146.5	138.3	178.3



Instrument :
BNA_F
ClientSampleId :
PB85222BS

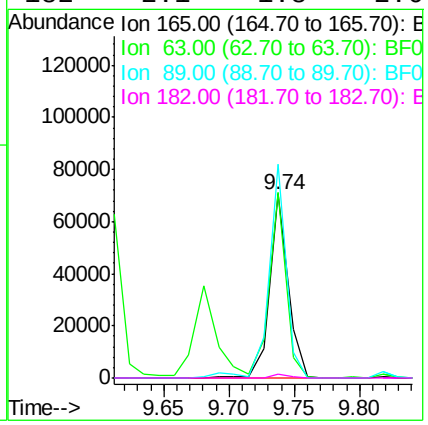
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

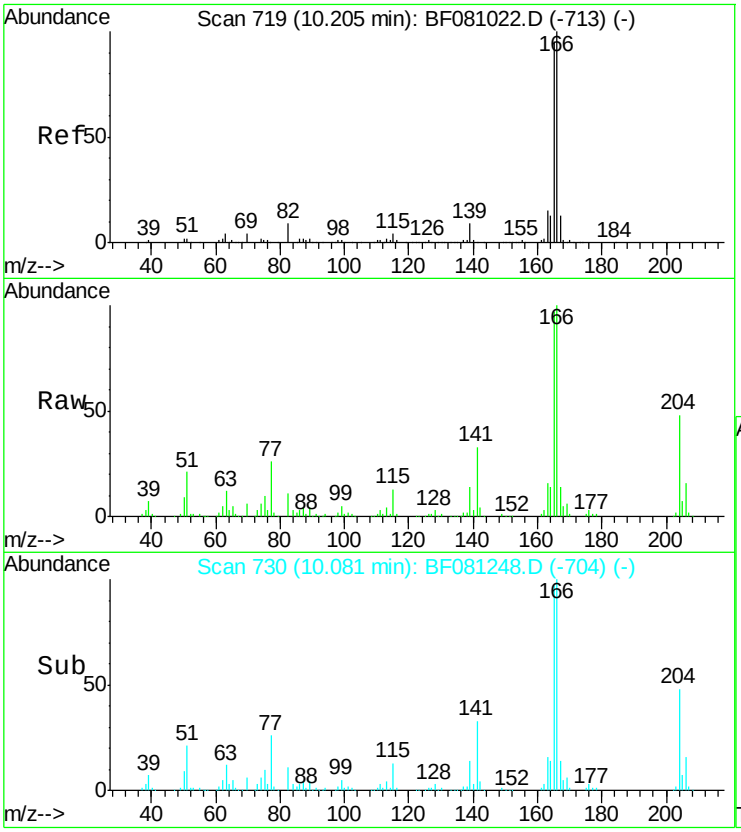


#56
2,4-Dinitrotoluene
Concen: 34.74 ng
RT: 9.74 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:165 Resp: 70254

Ion	Ratio	Lower	Upper
165	100		
63	100.7	52.2	78.4#
89	115.9	60.1	90.1#
182	2.1	1.8	2.6

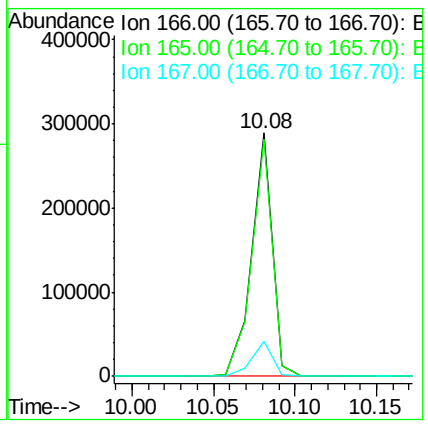




#57
Fluorene
Concen: 37.81 ng
RT: 10.08 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

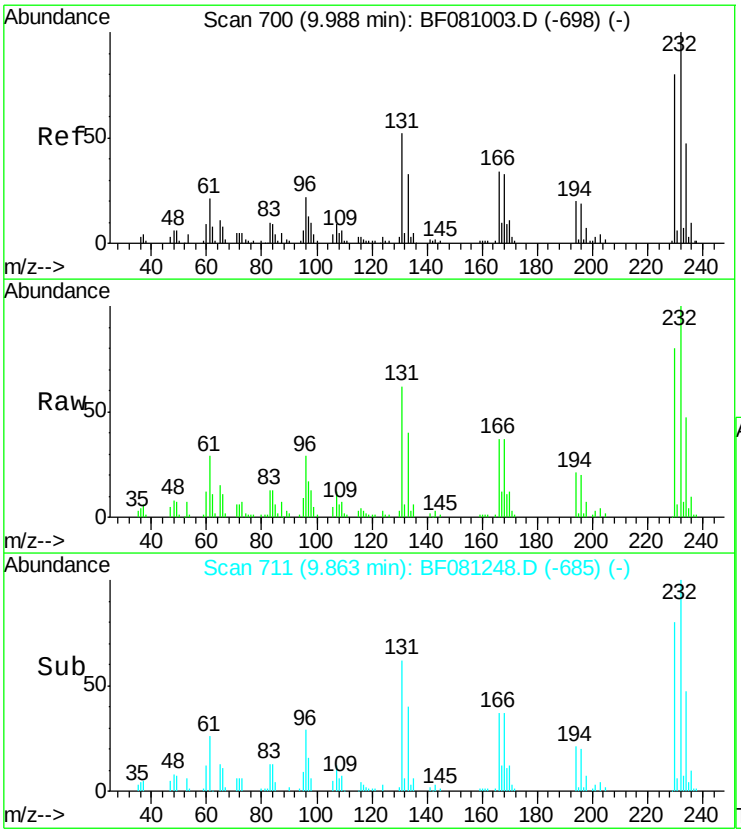
Tgt Ion:166 Resp: 254860

Ion	Ratio	Lower	Upper
166	100		
165	97.4	75.8	113.8
167	14.2	11.3	16.9



Instrument :
BNA_F
ClientSampleId :
PB85222BS

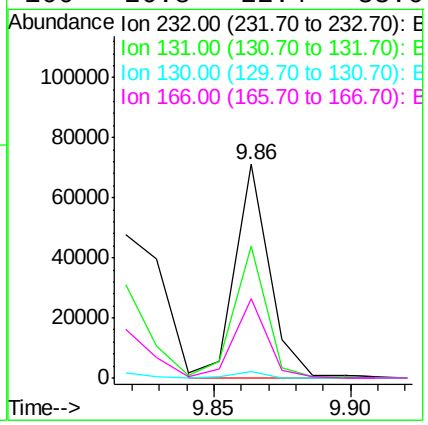
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

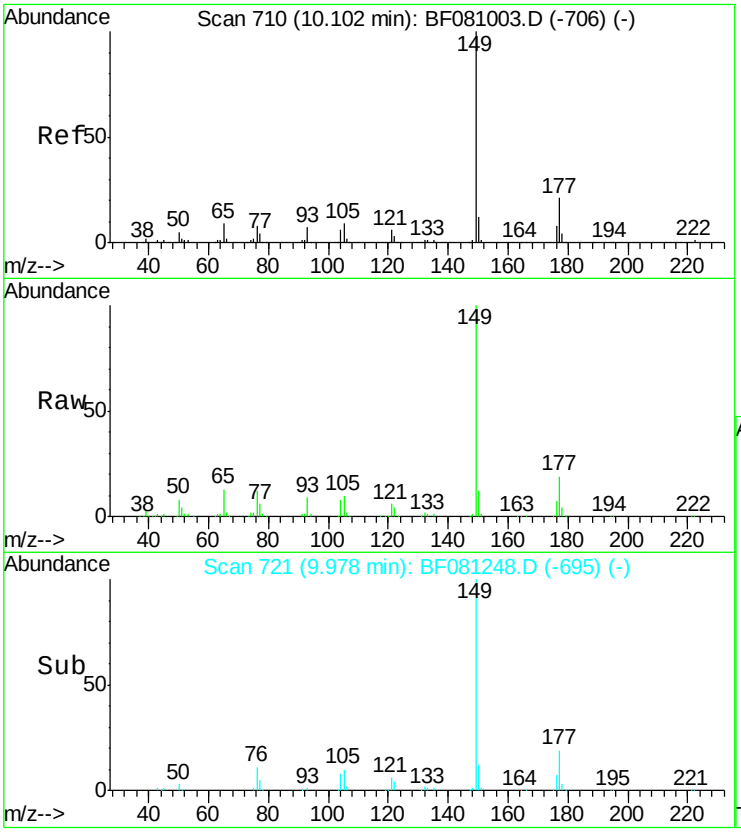


#58
2,3,4,6-Tetrachlorophenol
Concen: 41.14 ng m
RT: 9.86 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:232 Resp: 62577

Ion	Ratio	Lower	Upper
232	100		
131	48.4	42.2	63.4
130	2.5	2.1	3.1
166	26.8	22.4	33.6

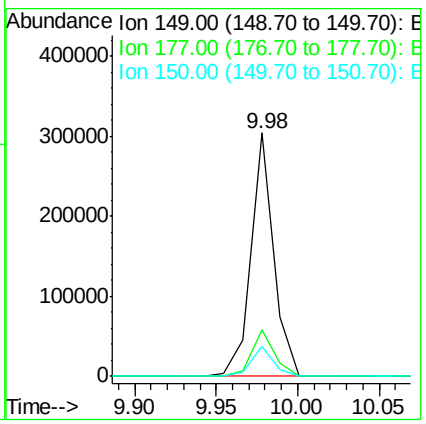




#59
Diethylphthalate
Concen: 39.03 ng
RT: 9.98 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

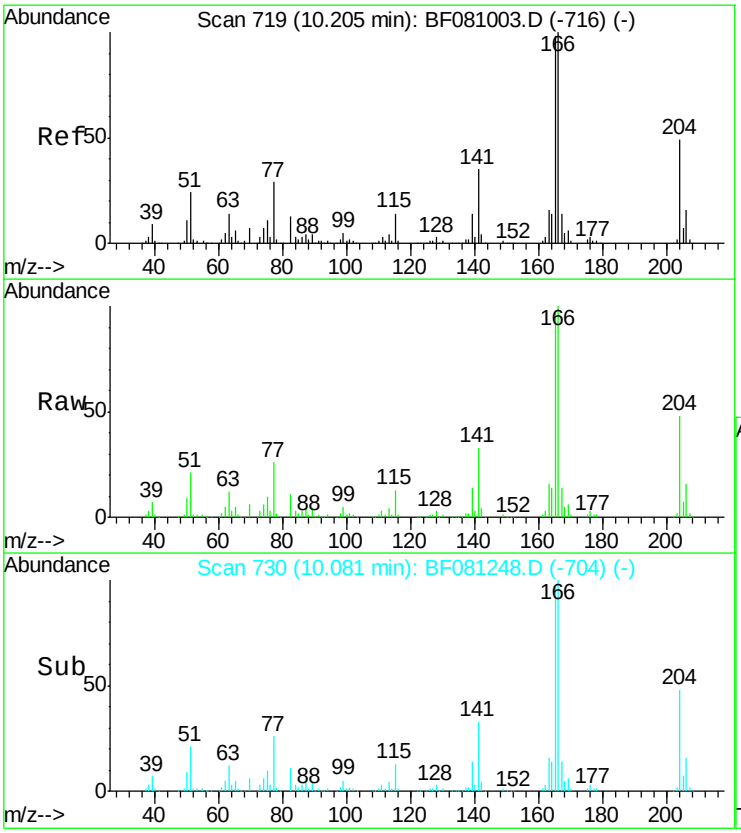
Tgt Ion:149 Resp: 293566

Ion	Ratio	Lower	Upper
149	100		
177	18.9	14.1	21.1
150	12.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
PB85222BS

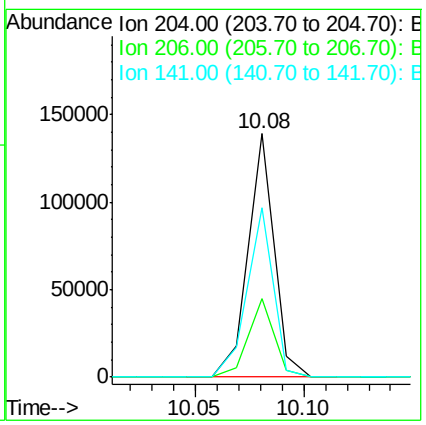
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

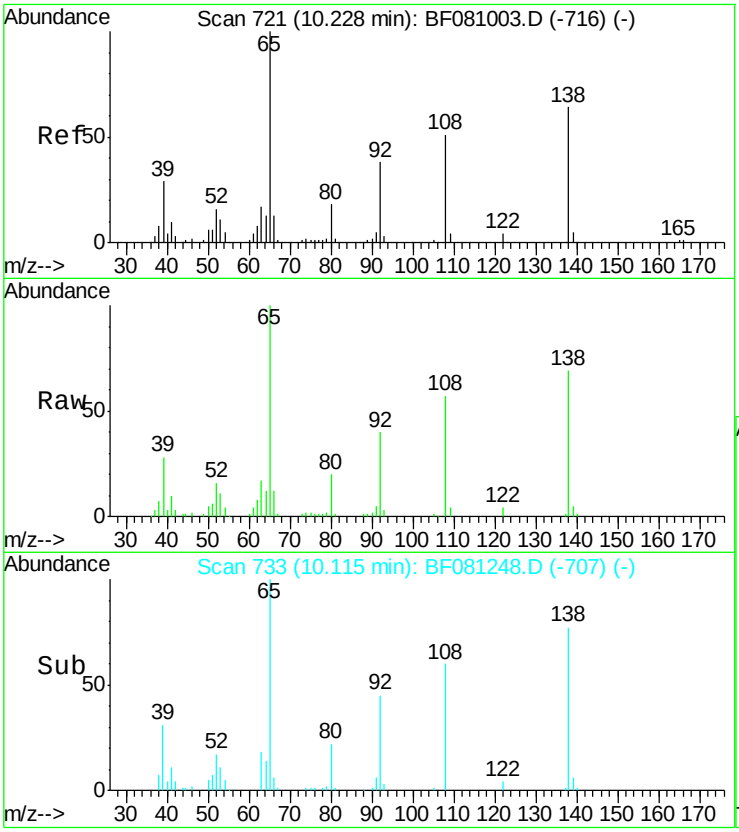


#60
4-Chlorophenyl-phenylether
Concen: 40.46 ng
RT: 10.08 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:204 Resp: 115393

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	69.6	59.6	89.4

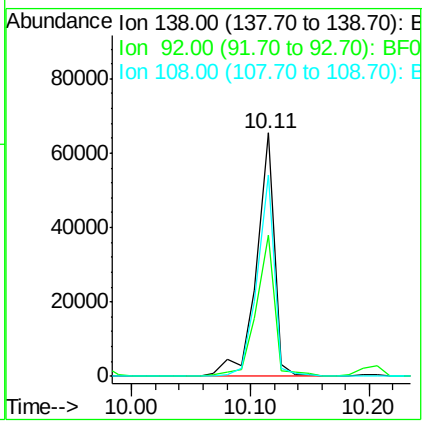




#61
4-Nitroaniline
Concen: 35.36 ng
RT: 10.11 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

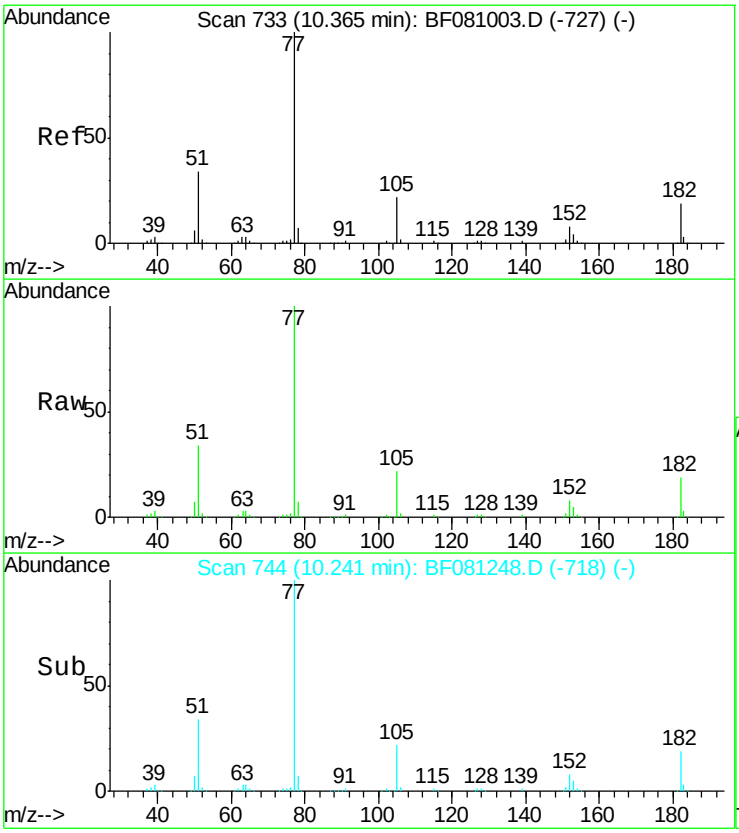
Tgt Ion:138 Resp: 68986

Ion	Ratio	Lower	Upper
138	100		
92	58.2	34.7	74.7
108	82.6	68.9	108.9



Instrument :
BNA_F
ClientSampleId :
PB85222BS

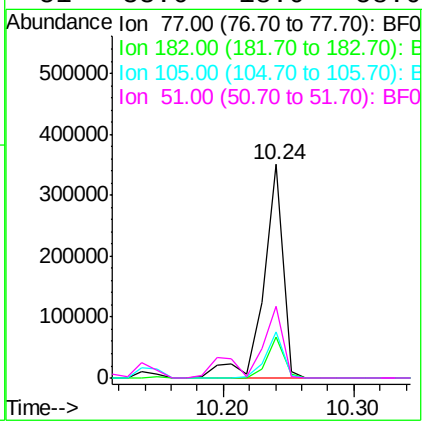
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

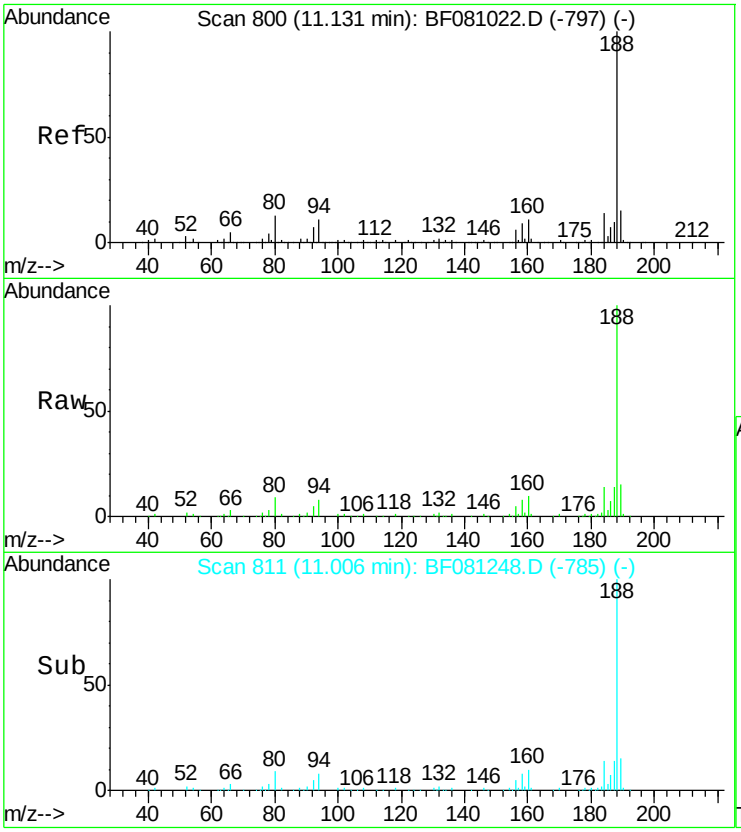


#62
Azobenzene
Concen: 42.73 ng
RT: 10.24 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion: 77 Resp: 370354

Ion	Ratio	Lower	Upper
77	100		
182	19.2	0.0	39.0
105	21.8	0.2	40.2
51	33.6	18.0	58.0





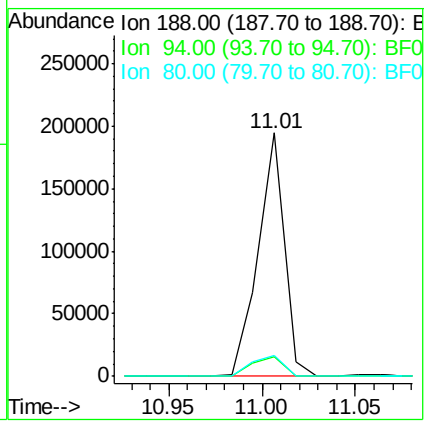
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

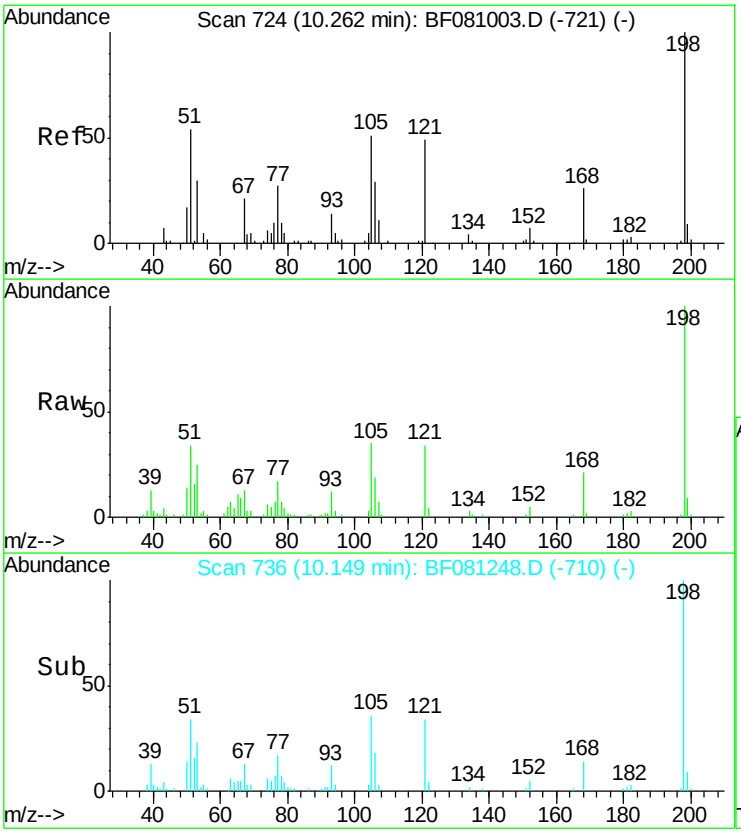
Tgt Ion:188 Resp: 188725

Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.2#
80	8.6	9.5	14.3#

Instrument :
BNA_F
ClientSampleId :
PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

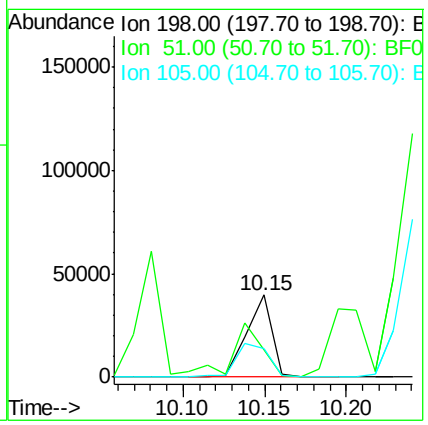


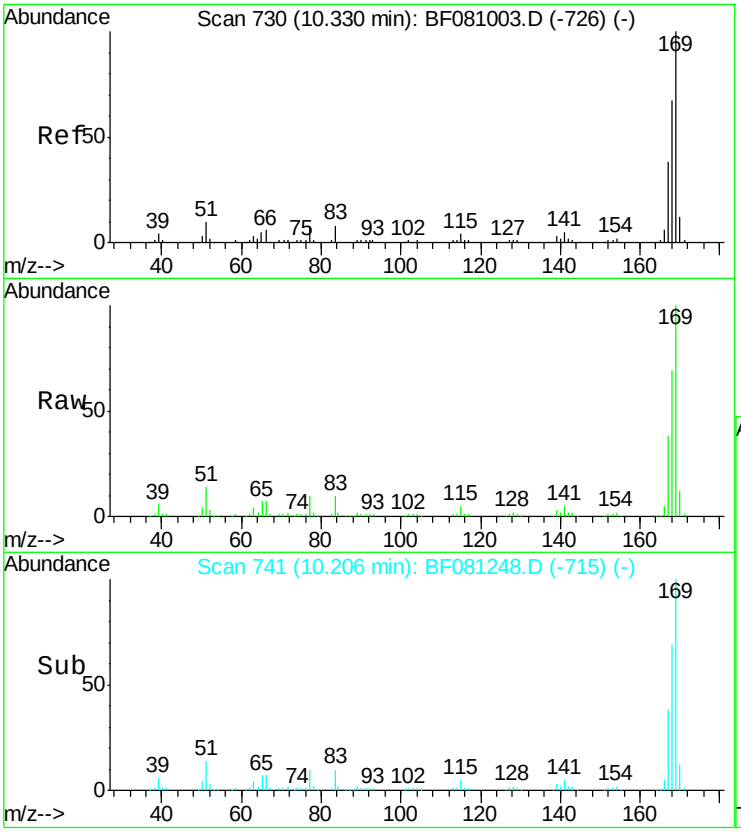


#64
4,6-Dinitro-2-methylphenol
Concen: 37.80 ng
RT: 10.15 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:198 Resp: 42602

Ion	Ratio	Lower	Upper
198	100		
51	33.6	79.7	119.7#
105	35.2	47.0	87.0#

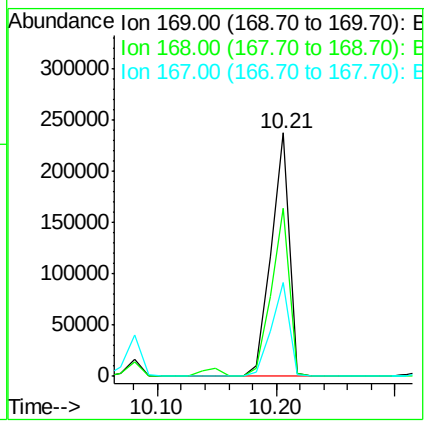




#65
n-Nitrosodiphenylamine
Concen: 37.69 ng
RT: 10.21 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

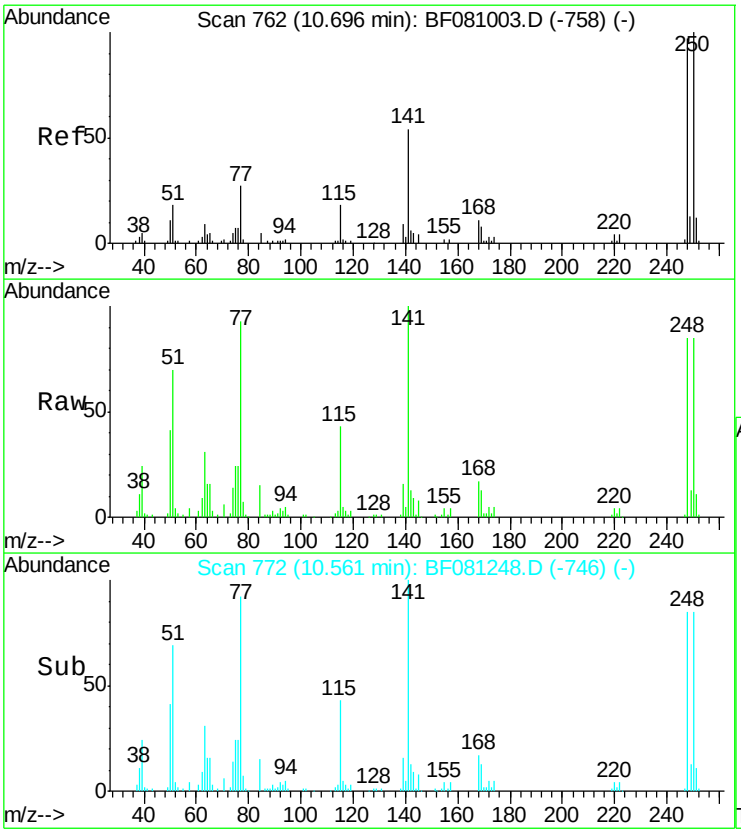
Tgt Ion:169 Resp: 253891

Ion	Ratio	Lower	Upper
169	100		
168	69.3	55.3	82.9
167	38.4	30.8	46.2



Instrument :
BNA_F
ClientSampleId :
PB85222BS

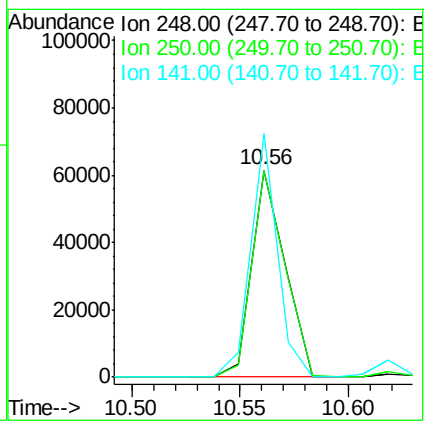
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

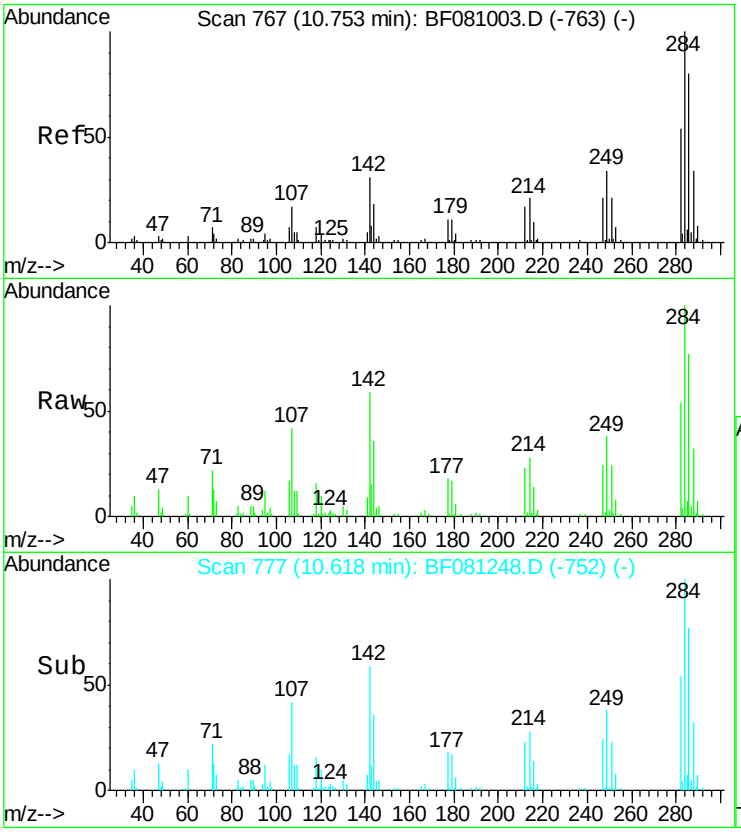


#66
4-Bromophenyl-phenylether
Concen: 35.10 ng
RT: 10.56 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:248 Resp: 65078

Ion	Ratio	Lower	Upper
248	100		
250	100.0	77.8	116.6
141	117.7	39.8	59.6#

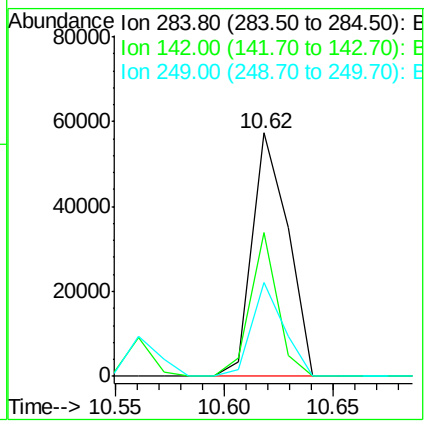




#67
Hexachlorobenzene
Concen: 35.03 ng
RT: 10.62 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

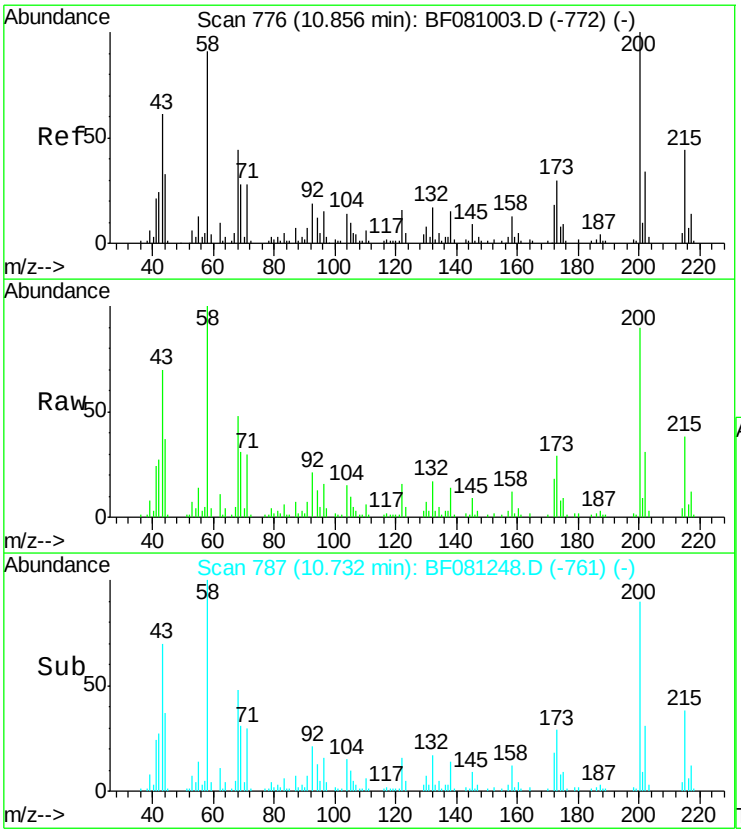
Tgt Ion:284 Resp: 65771

Ion	Ratio	Lower	Upper
284	100		
142	59.2	25.4	38.0#
249	38.4	28.5	42.7



Instrument :
BNA_F
ClientSampleId :
PB85222BS

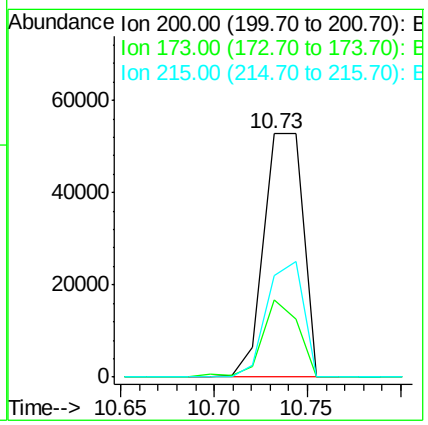
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

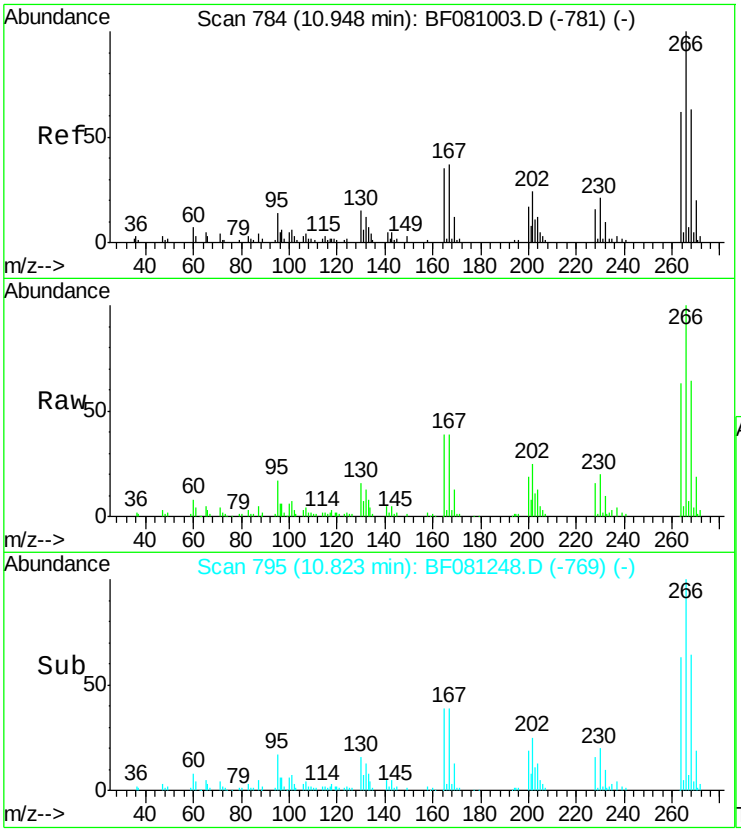


#68
Atrazine
Concen: 41.05 ng
RT: 10.73 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:200 Resp: 77041

Ion	Ratio	Lower	Upper
200	100		
173	31.7	8.1	48.1
215	41.7	23.3	63.3

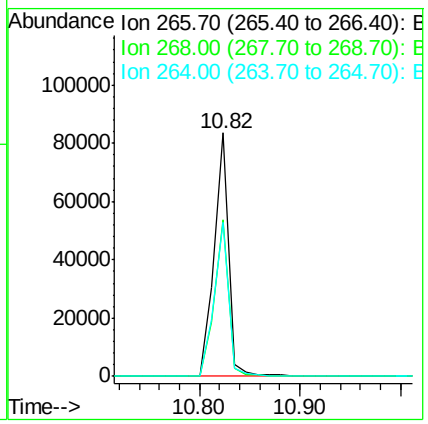




#69
Pentachlorophenol
Concen: 74.51 ng
RT: 10.82 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

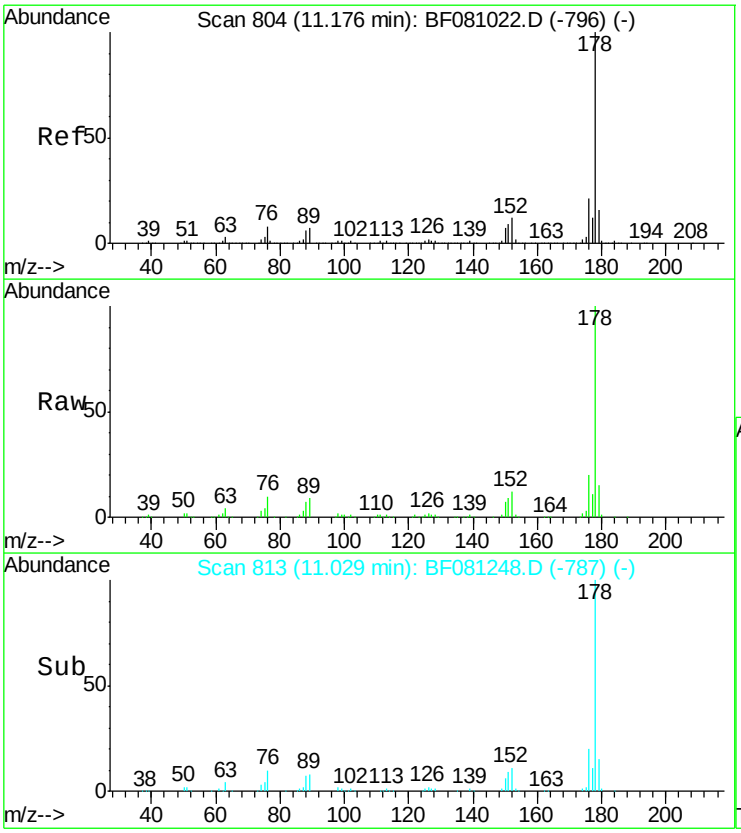
Tgt Ion:266 Resp: 83940

Ion	Ratio	Lower	Upper
266	100		
268	64.1	51.2	76.8
264	63.1	50.6	75.8



Instrument :
BNA_F
ClientSampleId :
PB85222BS

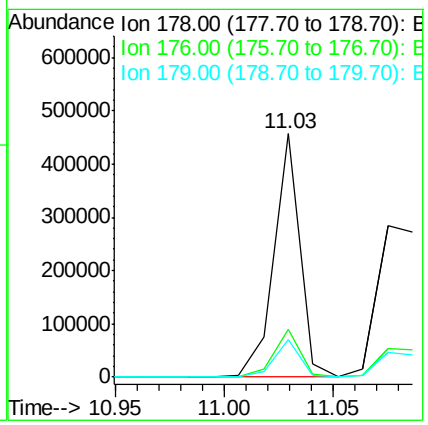
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

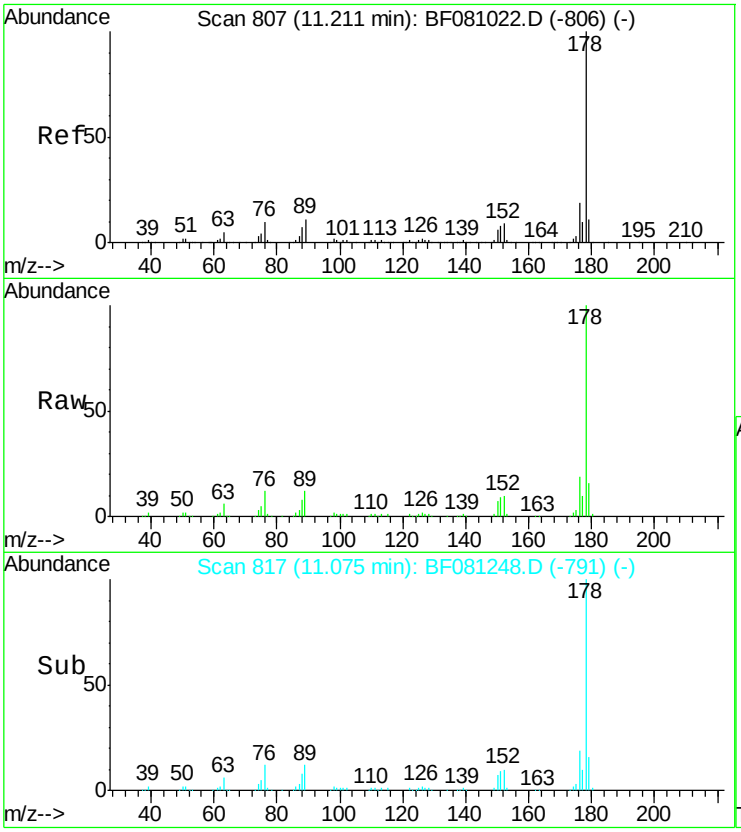


#70
Phenanthrene
Concen: 34.52 ng
RT: 11.03 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:178 Resp: 386062

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.3	12.2	18.2

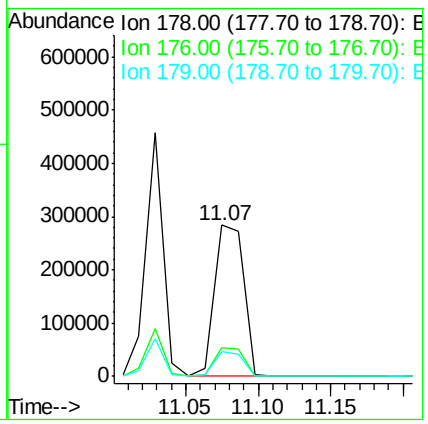




#71
Anthracene
Concen: 36.27 ng
RT: 11.07 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

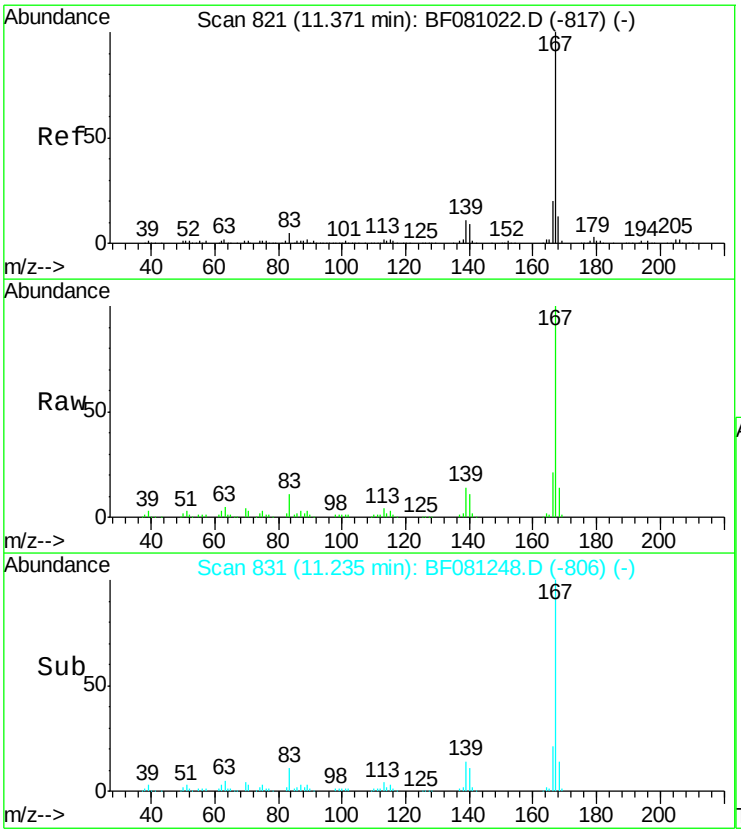
Tgt Ion:178 Resp: 394733

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	16.0	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
PB85222BS

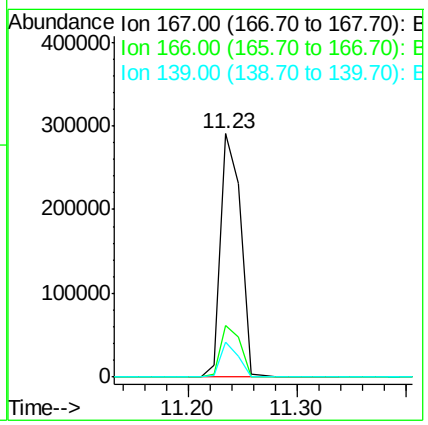
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

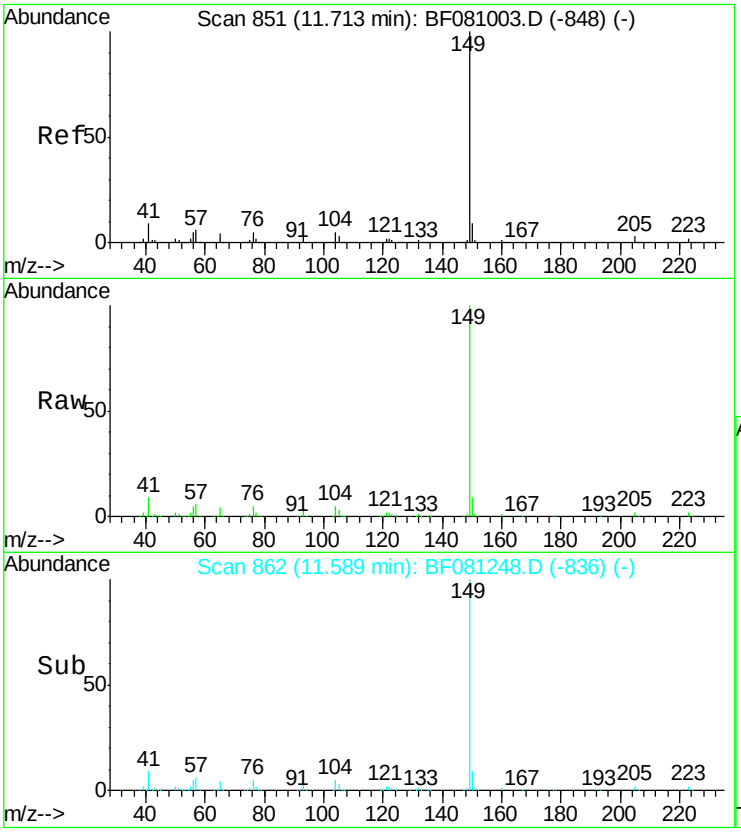


#72
Carbazole
Concen: 35.48 ng
RT: 11.23 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:167 Resp: 371761

Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.4	26.0
139	14.3	10.6	16.0

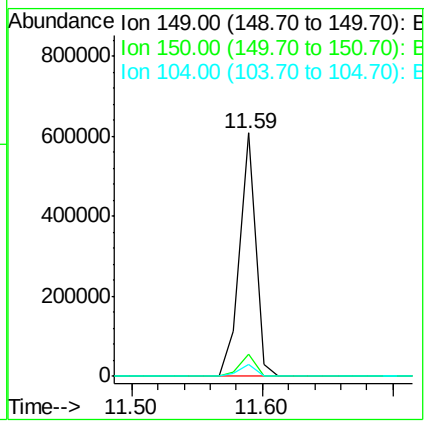




#73
Di-n-butylphthalate
Concen: 40.87 ng
RT: 11.59 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

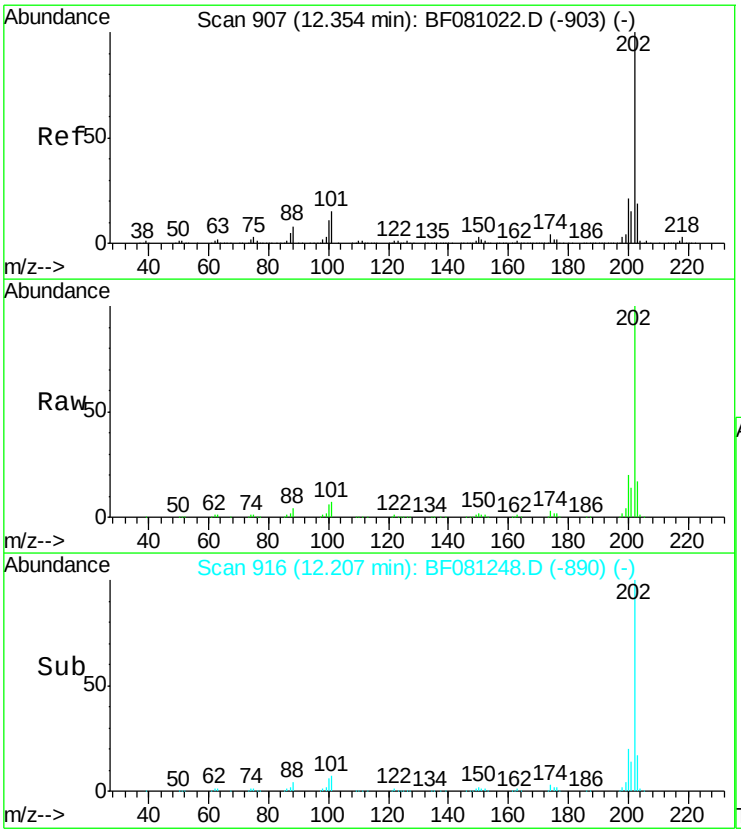
Tgt Ion:149 Resp: 518216

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.0	3.9	5.9



Instrument :
BNA_F
ClientSampleId :
PB85222BS

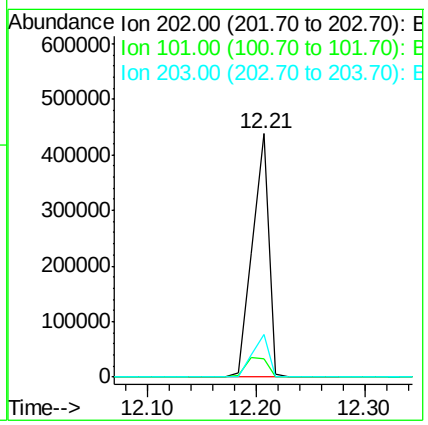
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

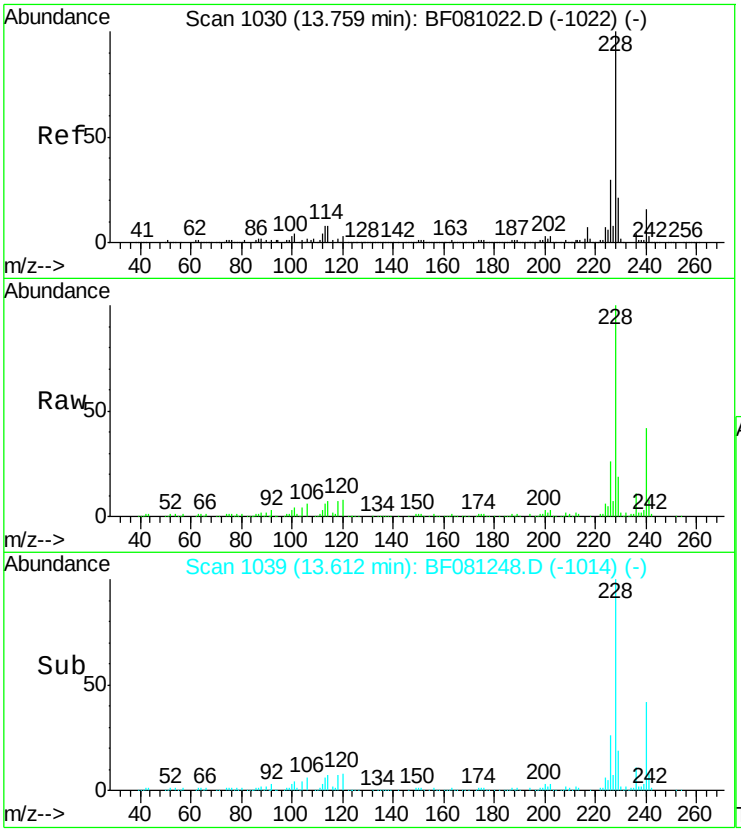


#74
Fluoranthene
Concen: 38.39 ng
RT: 12.21 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:202 Resp: 463392

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	24.8
203	17.4	0.0	36.9

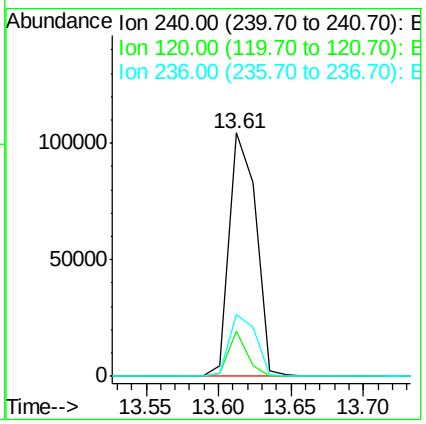




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

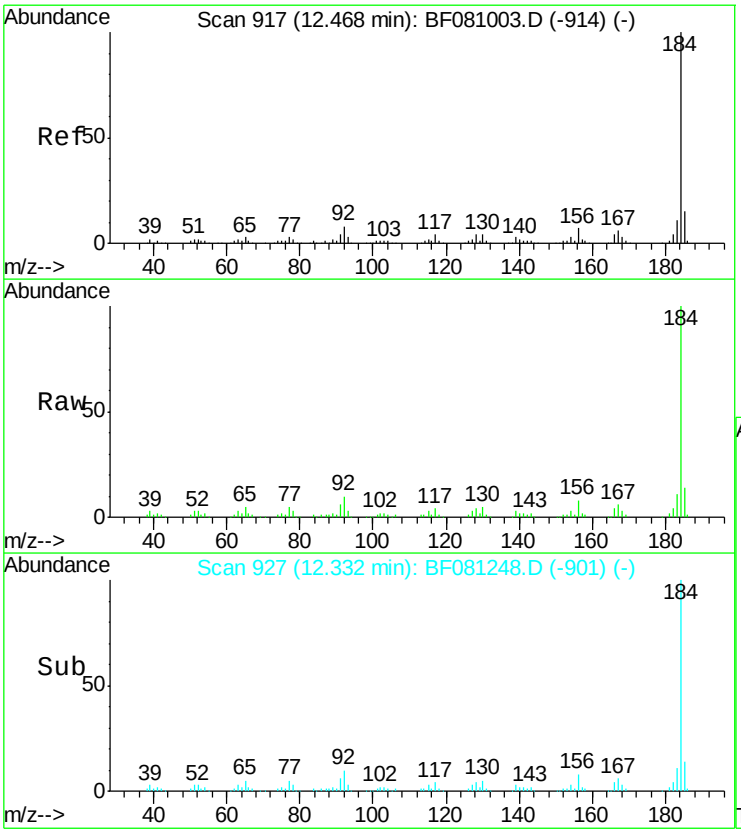
Tgt Ion:240 Resp: 133825

Ion	Ratio	Lower	Upper
240	100		
120	18.6	5.6	8.4#
236	25.6	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
PB85222BS

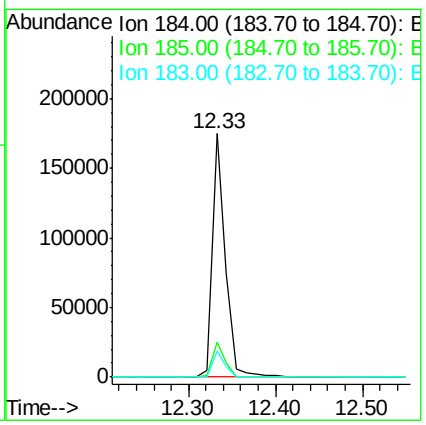
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

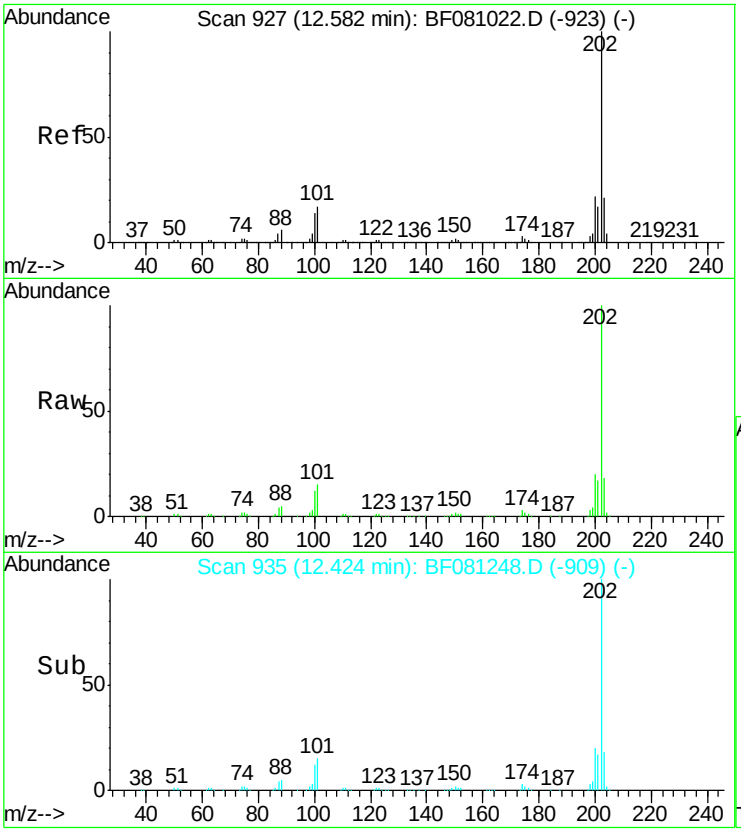


#76
Benzidine
Concen: 36.50 ng
RT: 12.33 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:184 Resp: 184534

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	10.7	8.9	13.3

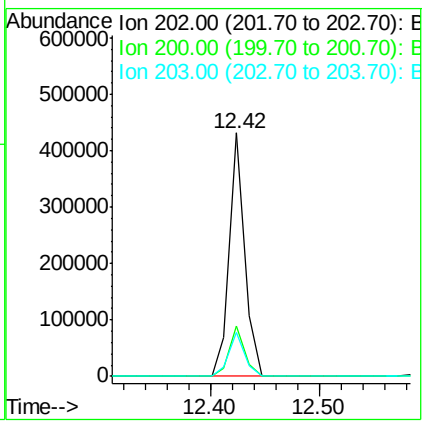




#77
Pyrene
Concen: 38.54 ng
RT: 12.42 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

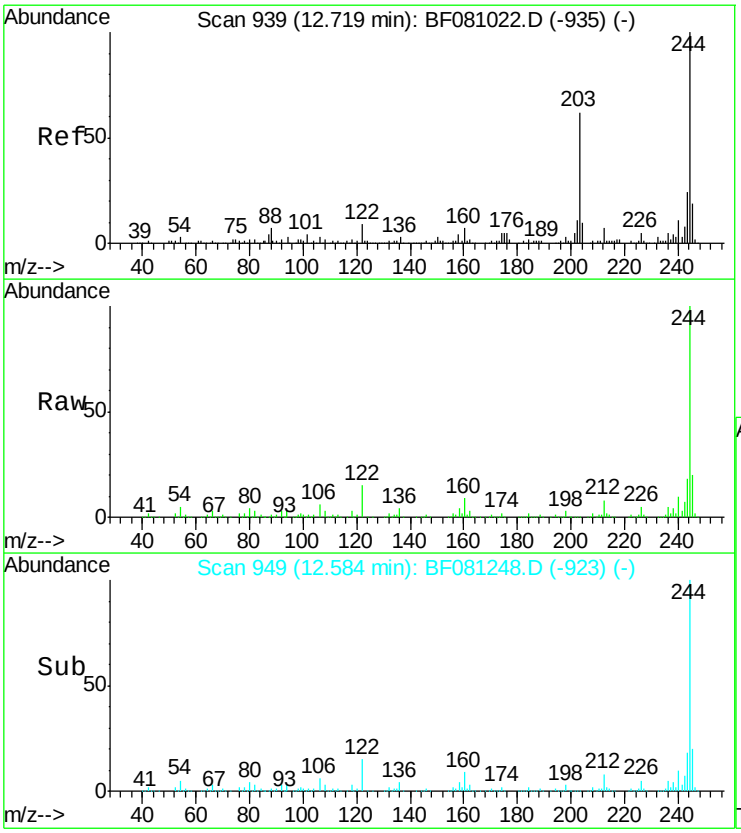
Tgt Ion:202 Resp: 419248

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.6	24.8
203	17.8	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
PB85222BS

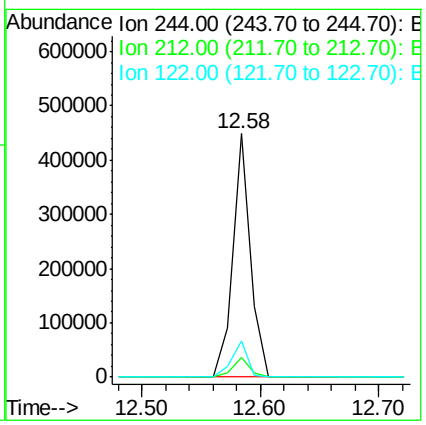
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

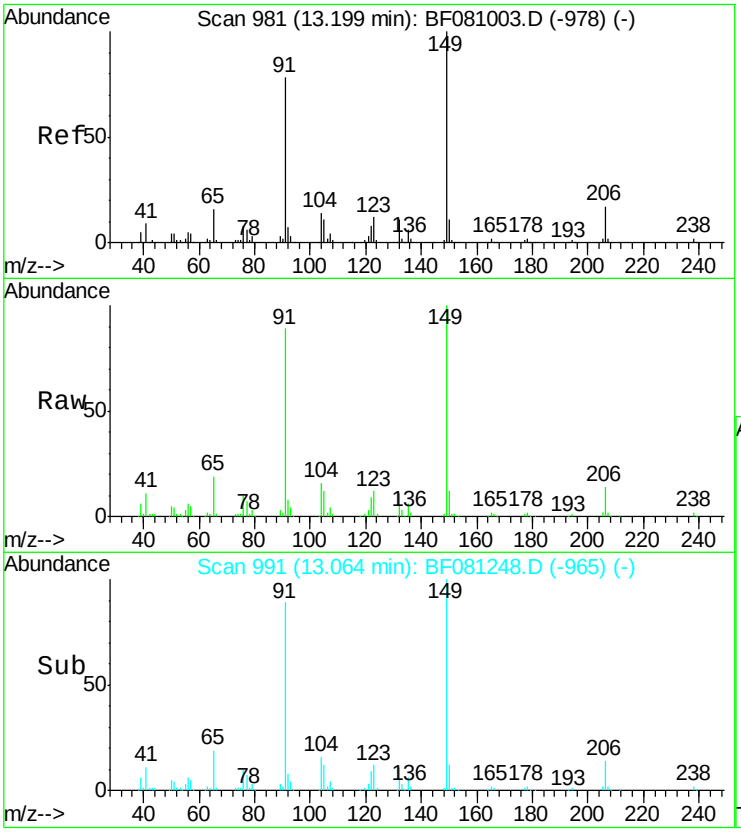


#78
Terphenyl-d14
Concen: 74.26 ng
RT: 12.58 min Scan# 949
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:244 Resp: 463550

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	15.1	8.2	12.4#





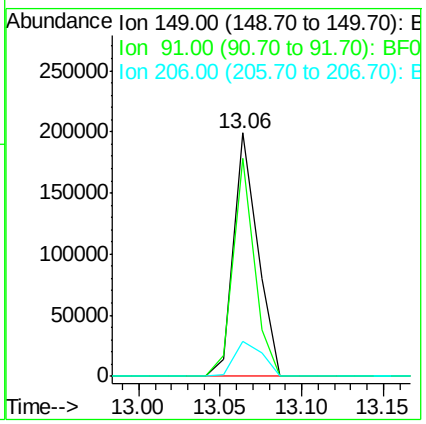
#79
Butylbenzylphthalate
Concen: 43.17 ng
RT: 13.06 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

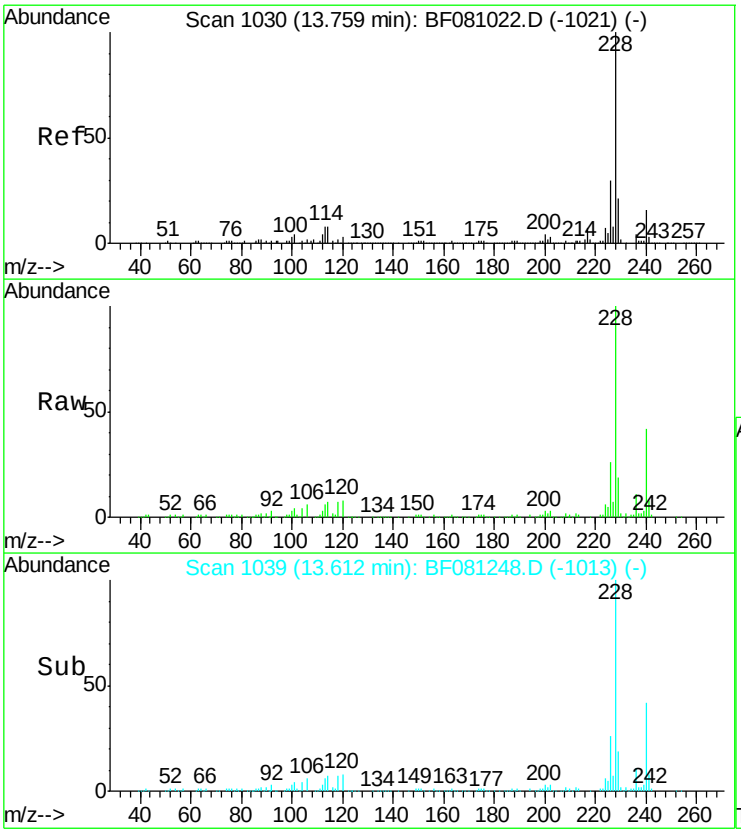
Tgt Ion:149 Resp: 201858

Ion	Ratio	Lower	Upper
149	100		
91	89.3	46.9	70.3#
206	14.4	17.0	25.4#

Instrument :
BNA_F
ClientSampleId :
PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

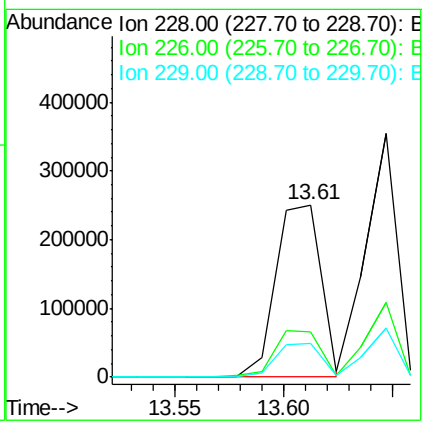


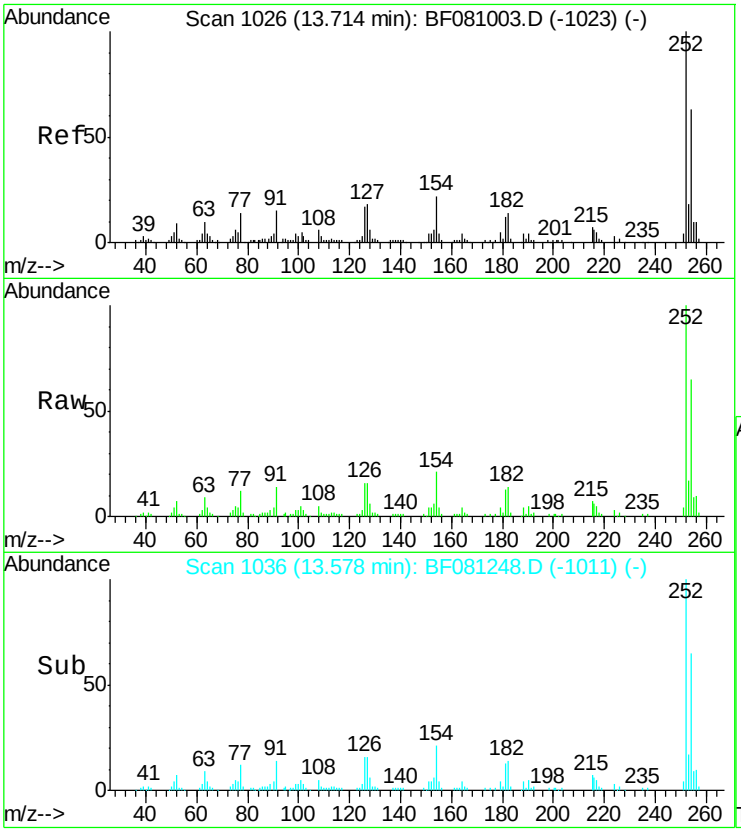


#80
Benzo(a)anthracene
Concen: 40.54 ng
RT: 13.61 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:228 Resp: 363876

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.3	33.5
229	19.4	15.9	23.9

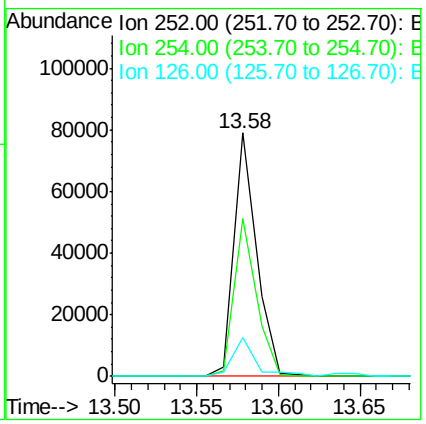




#81
3,3'-Dichlorobenzidine
Concen: 25.81 ng
RT: 13.58 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

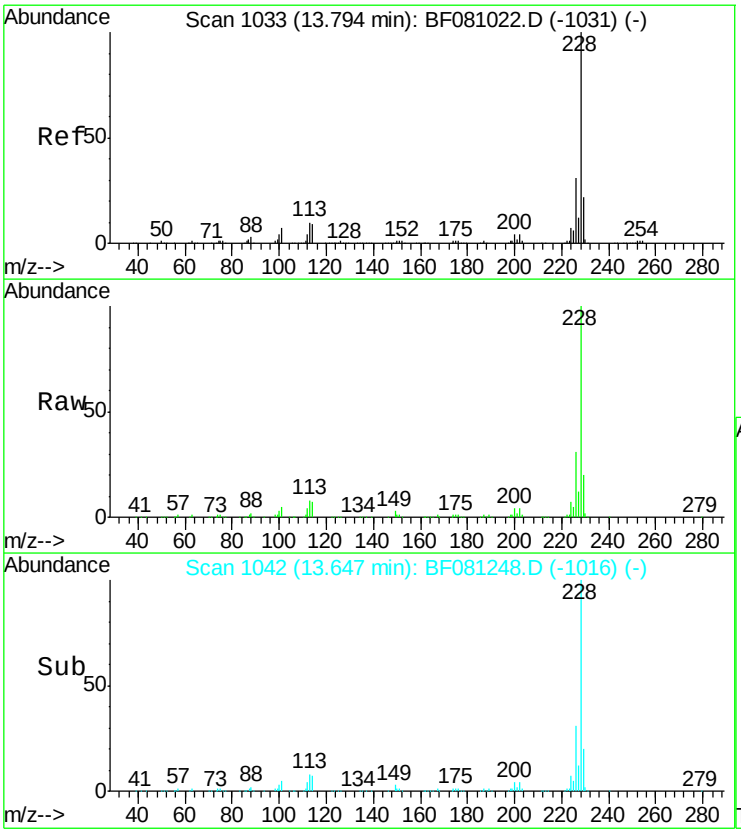
Tgt Ion:252 Resp: 75035

Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	16.0	12.5	18.7



Instrument :
BNA_F
ClientSampleId :
PB85222BS

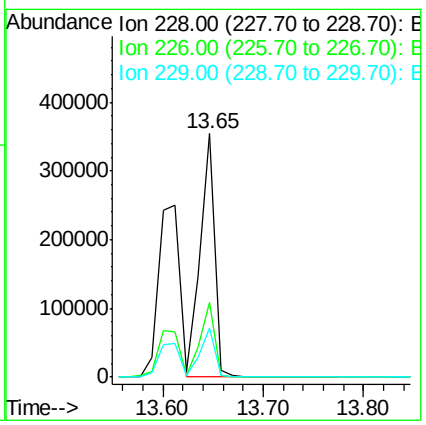
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

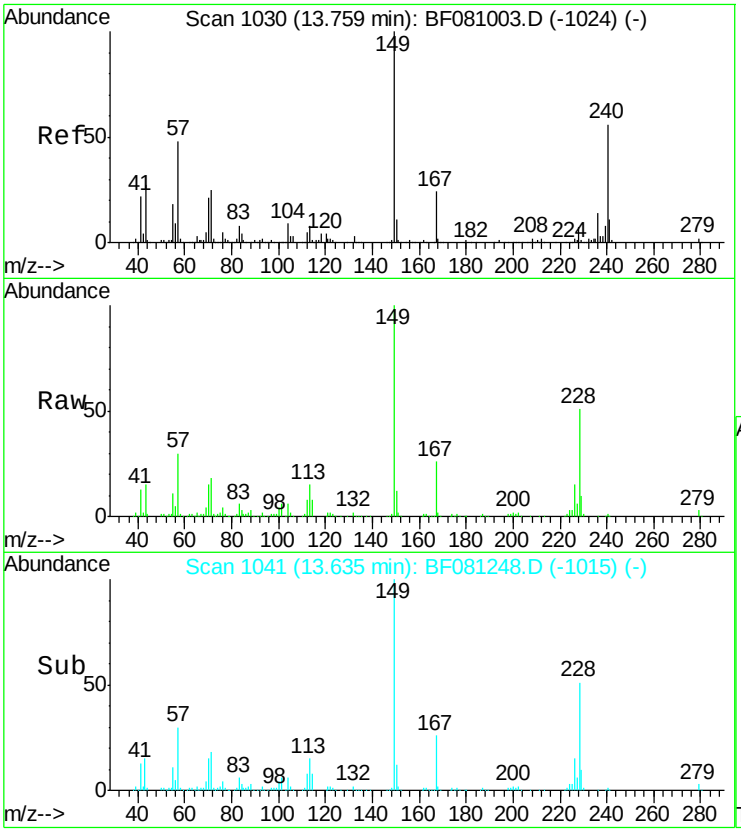


#82
Chrysene
Concen: 43.84 ng
RT: 13.65 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:228 Resp: 354615

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	20.2	16.0	24.0

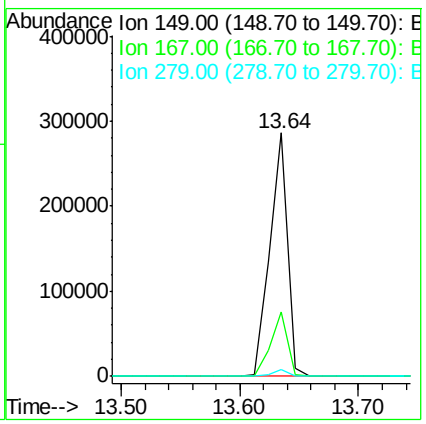




#83
Bis(2-ethylhexyl)phthalate
Concen: 49.75 ng
RT: 13.64 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

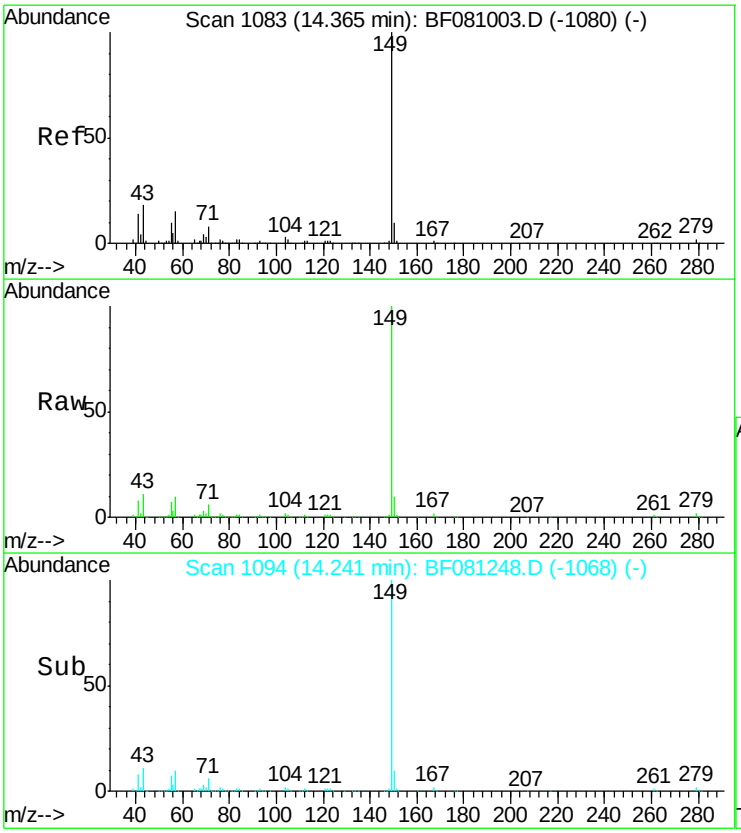
Tgt Ion:149 Resp: 298008

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.7	31.1
279	2.8	2.2	3.4



Instrument :
BNA_F
ClientSampleId :
PB85222BS

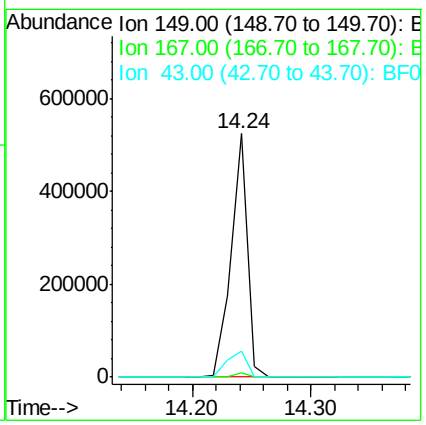
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

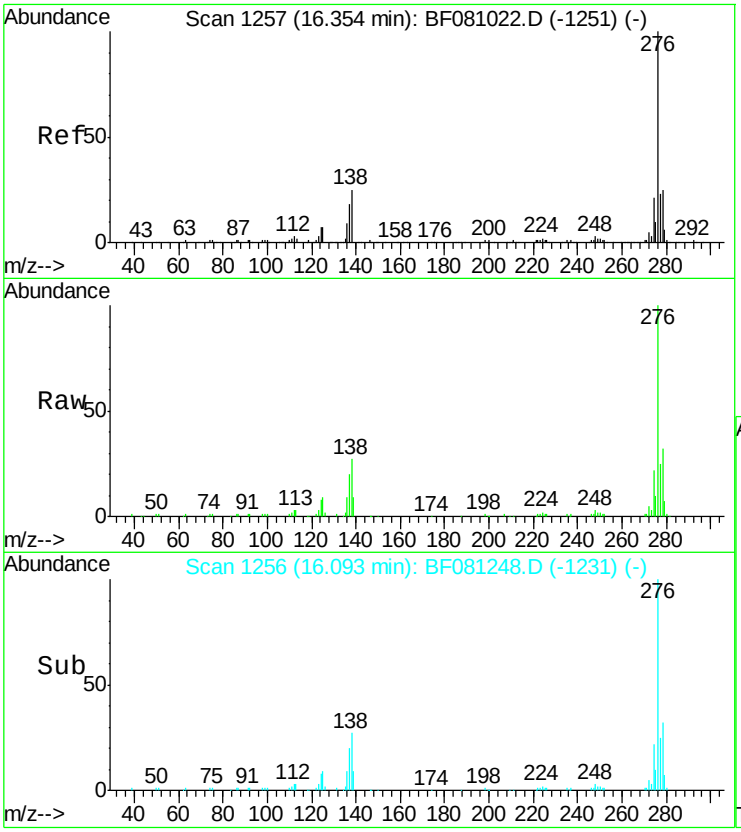


#84
Di-n-octyl phthalate
Concen: 54.87 ng
RT: 14.24 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:149 Resp: 499545

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.1	1.7
43	13.4	11.6	17.4

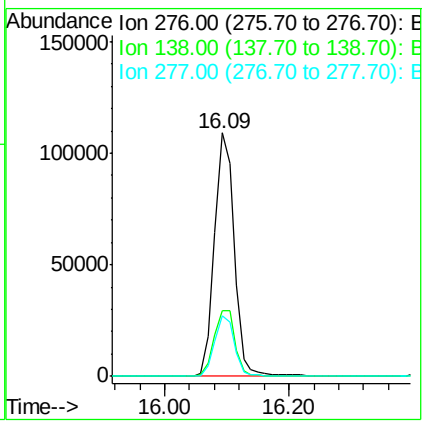




#85
Indeno(1,2,3-cd)pyrene
Concen: 42.08 ng
RT: 16.09 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

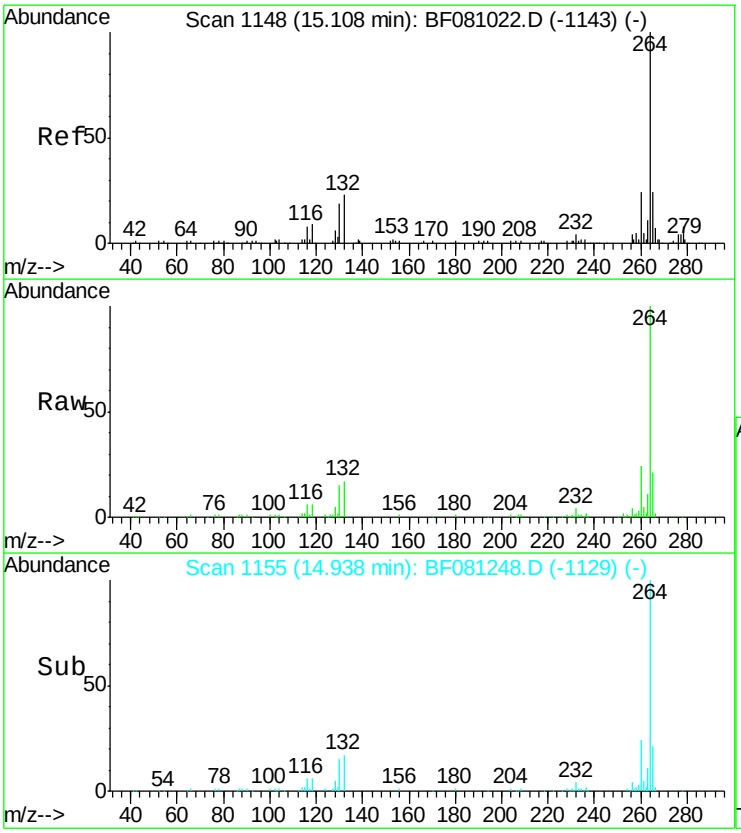
Tgt Ion:276 Resp: 238952

Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.5	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
PB85222BS

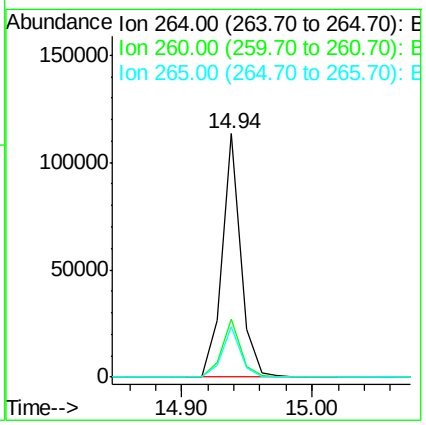
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

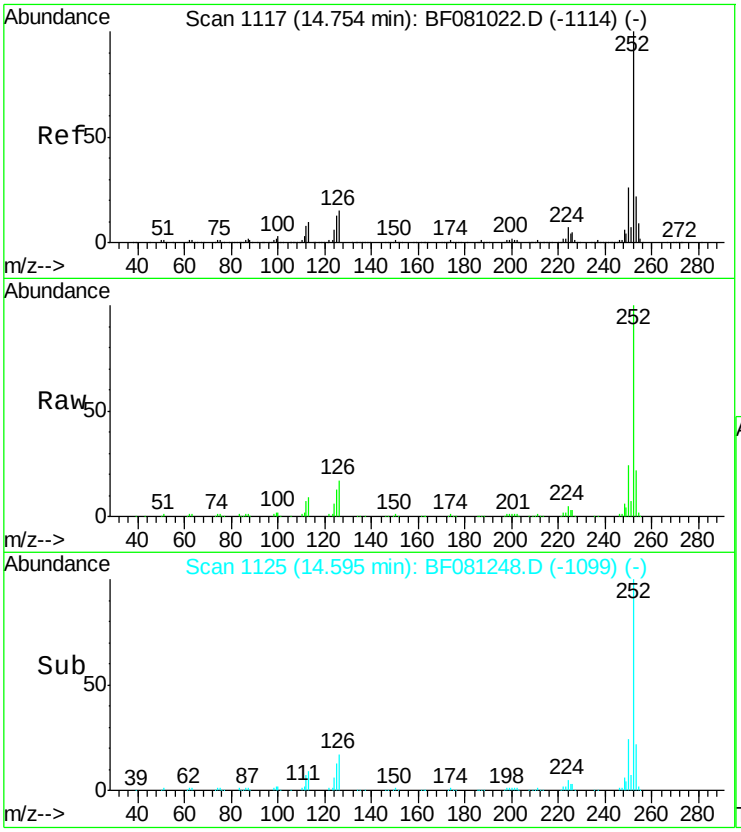


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:264 Resp: 113941

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.8	17.5	26.3

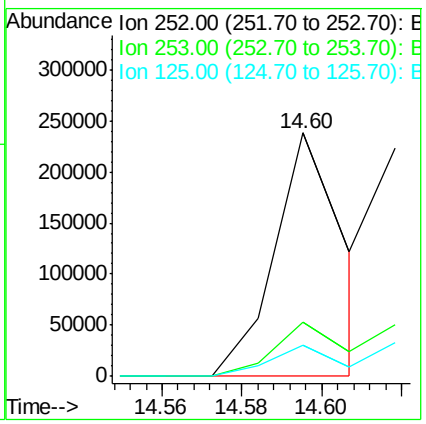




#87
Benzo(b)fluoranthene
Concen: 35.45 ng m
RT: 14.60 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

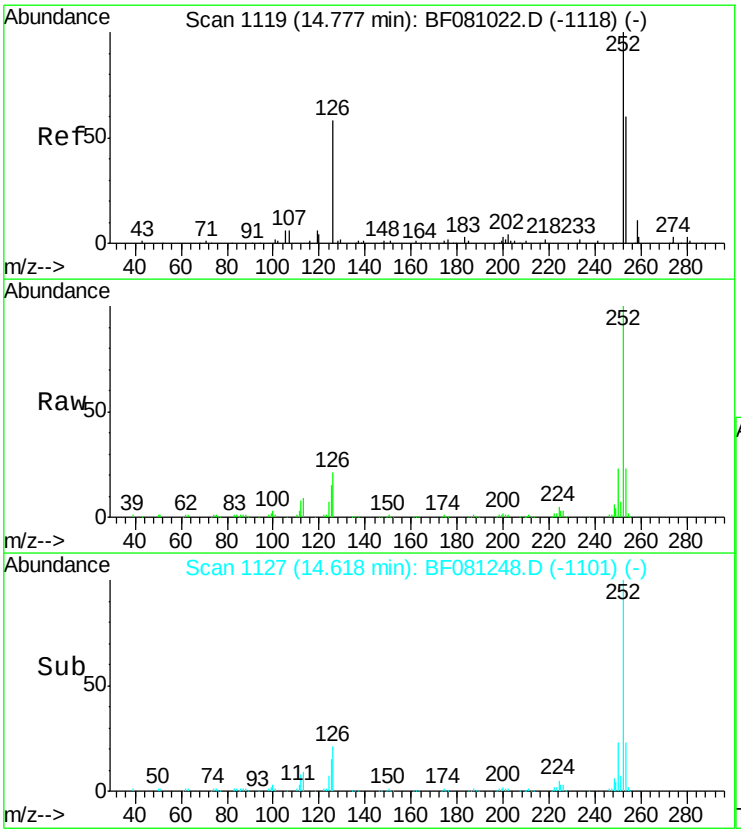
Tgt Ion:252 Resp: 285694

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	12.7	8.0	12.0#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

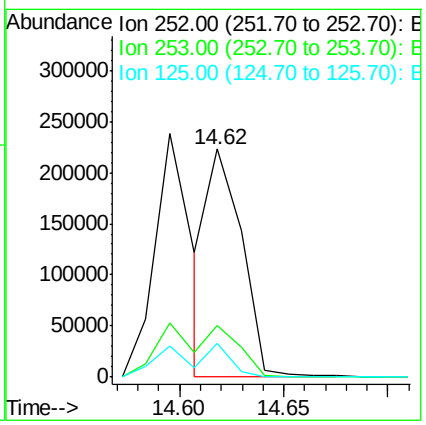
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

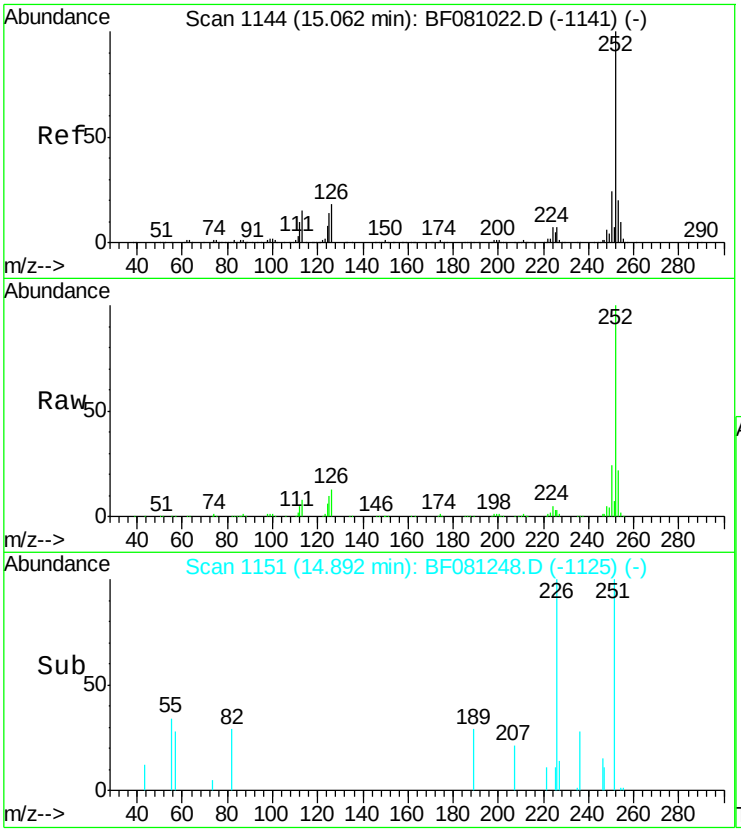


#88
Benzo(k)fluoranthene
Concen: 34.57 ng m
RT: 14.62 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:252 Resp: 259592

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	15.0	10.3	15.5

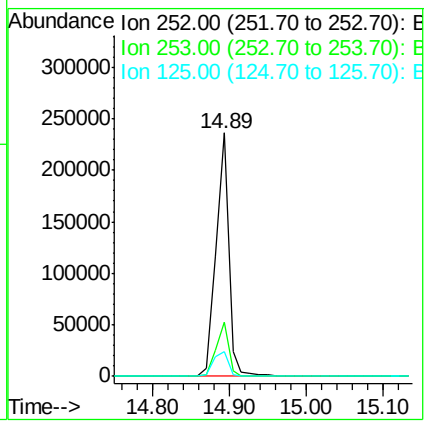




#89
Benzo(a)pyrene
Concen: 38.56 ng
RT: 14.89 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

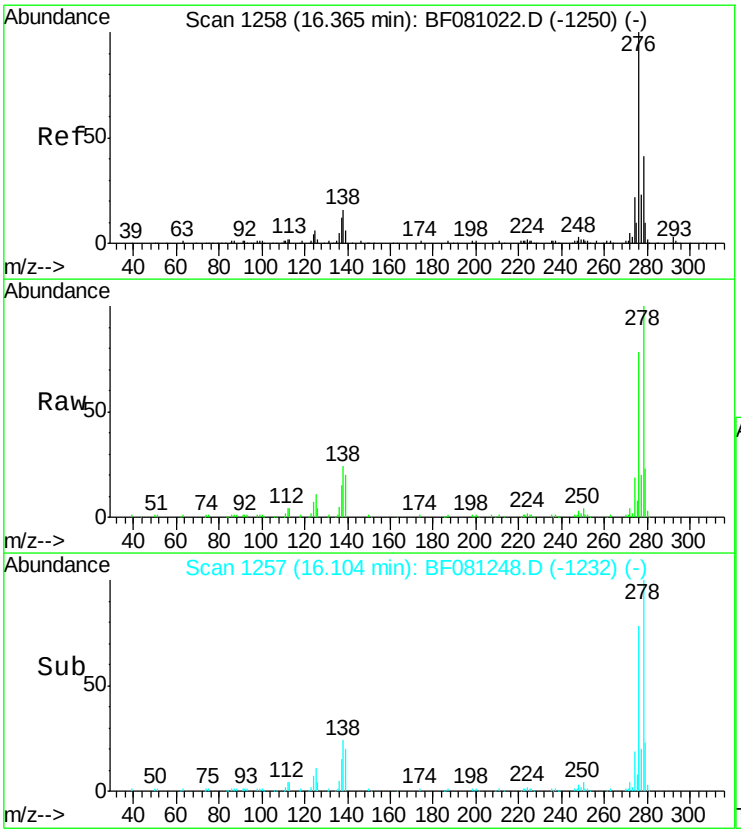
Tgt Ion:252 Resp: 270806

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.6	25.0
125	10.0	7.8	11.8



Instrument :
BNA_F
ClientSampleId :
PB85222BS

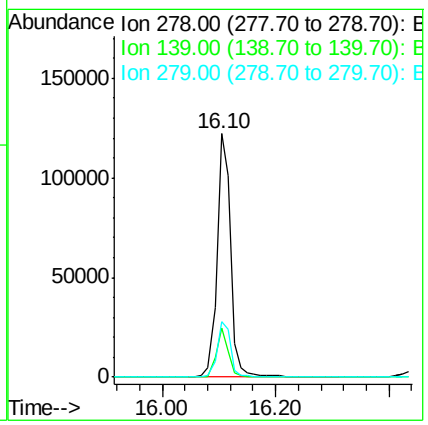
Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM

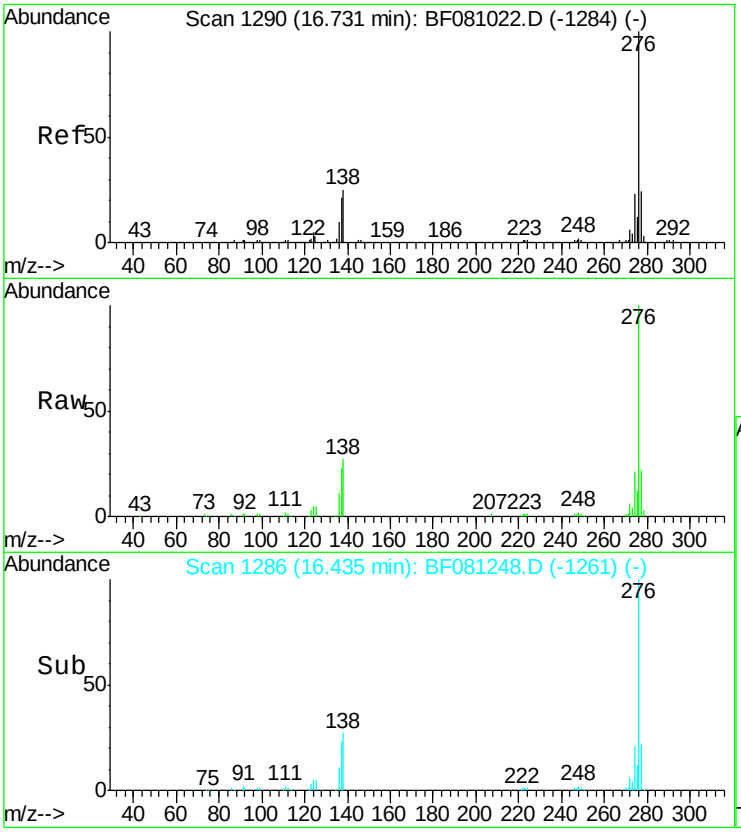


#90
Dibenzo(a,h)anthracene
Concen: 36.91 ng
RT: 16.10 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:278 Resp: 201943

Ion	Ratio	Lower	Upper
278	100		
139	20.2	10.8	16.2#
279	22.7	19.0	28.6

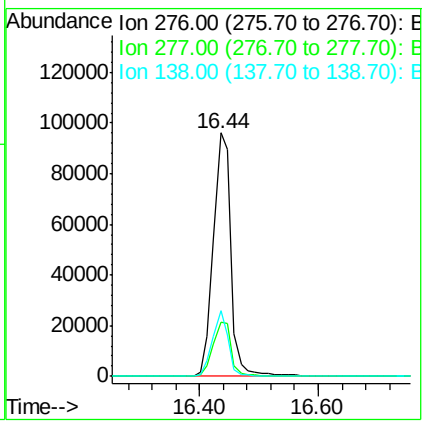




#91
Benzo(g,h,i)perylene
Concen: 35.80 ng
RT: 16.44 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF081248.D
Acq: 27 Aug 2015 16:02

Tgt Ion:276 Resp: 198759

Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.2	27.2
138	26.8	13.7	20.5#



Instrument :
BNA_F
ClientSampleId :
PB85222BS

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:47 PM