Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028050.D
Acq On : 28 Jul 2017 10:49
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

Quant Time: Jul 28 13:48:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	30963	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	141600	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.97	164	114825	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.72	188	336517	20.00	ng/ul	0.00
78) Chrysene-d12	22.06	240	441194	20.00	ng/ul	0.00
86) Perylene-d12	25.58	264	442244	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	3324	6.96	ng/uL	0.00
5) Phenol-d5	7.51	99	62138	26.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	33978	29.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	57334	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	59805	28.65	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	29012	29.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	36778	29.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	68545	27.63	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	85156	34.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.36	166	316547	30.46	ng/ul	0.00
47) Acenaphthylene-d8	14.67	160	326688	29.06	ng/ul	0.00
52) 4-Nitrophenol-d4	15.16	143	39976	25.61	ng/ul	0.00
58) Fluorene-d10	15.96	176	282876	29.55	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.07	200	61261	25.56	ng/ul	0.00
71) Anthracene-d10	17.82	188	488969	30.34	ng/ul	0.00
79) Pyrene-d10	20.10	212	614560	31.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.33	264	611722	30.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.88	88	853m	1.665	ng/uL	
4) Benzaldehyde	7.52	77	1347	1.164	ng/ul#	80
6) Phenol	7.54	94	7929	3.496	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.77	93	6047	3.766	ng/ul	92
10) 2-Chlorophenol	7.94	128	6719	3.699	ng/ul#	95
11) 2-Methylphenol	8.80	108	5598	3.165	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.89	45	7603	3.607	ng/ul#	94
14) Acetophenone	9.19	105	11318	3.731	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.16	70	5610	3.940	ng/ul#	87
16) 4-Methylphenol	9.12	108	6836	3.484	ng/ul#	76
17) Hexachloroethane	9.46	117	2694	3.708	ng/ul#	62
20) Nitrobenzene	9.58	77	8382	3.944	ng/ul#	89
21) Isophorone	10.09	82	15762	3.881	ng/ul#	86
23) 2-Nitrophenol	10.29	139	4471	3.681	ng/ul	89
24) 2,4-Dimethylphenol	10.34	107	8060	3.318	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.57	93	8376	3.550	ng/ul#	89
27) 2,4-Dichlorophenol	10.83	162	8940	3.782	ng/ul#	90
28) Naphthalene	11.24	128	24403	3.818	ng/ul	99
30) 4-Chloroaniline	11.34	127	6877	2.888	ng/ul	99
31) Hexachlorobutadiene	11.51	225	7800	3.814	ng/ul	94
32) Caprolactam	12.13	113	2865m	3.776	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	8209	3.564	ng/ul#	92
34) 2-Methylnaphthalene	12.82	142	20364	3.692	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028050.D
Acq On : 28 Jul 2017 10:49
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

Quant Time: Jul 28 13:48:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.04	142	21252	3.974	ng/ul	89
37) 1,2,4,5-Tetrachlorobenzene	13.18	216	16270	3.678	ng/ul#	93
38) Hexachlorocyclopentadiene	13.15	237	6276	2.420	ng/ul#	84
39) 2,4,6-Trichlorophenol	13.41	196	8172	3.095	ng/ul	97
40) 2,4,5-Trichlorophenol	13.49	196	9233	3.292	ng/ul	91
41) 1,1'-Biphenyl	13.81	154	30195	3.618	ng/ul#	94
42) 2-Chloronaphthalene	13.86	162	24405	3.626	ng/ul	93
43) 2-Nitroaniline	14.06	65	5075	3.199	ng/ul#	93
45) Dimethylphthalate	14.41	163	37045	3.891	ng/ul#	97
46) 2,6-Dinitrotoluene	14.53	165	6522	3.413	ng/ul	89
48) Acenaphthylene	14.70	152	40340	3.786	ng/ul	97
49) 3-Nitroaniline	14.88	138	5368	3.380	ng/ul#	80
50) Acenaphthene	15.03	153	26995	3.700	ng/ul	94
51) 2,4-Dinitrophenol	15.09	184	1919	1.573	ng/ul#	81
53) 4-Nitrophenol	15.17	109	4168	3.283	ng/ul	86
54) Dibenzofuran	15.37	168	42171	3.802	ng/ul	96
55) 2,4-Dinitrotoluene	15.33	165	10393	3.641	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.60	232	8961	3.000	ng/ul#	91
57) Diethylphthalate	15.76	149	35045	3.506	ng/ul	92
59) Fluorene	16.02	166	36046	3.745	ng/ul	96
60) 4-Chlorophenyl-phenylether	16.00	204	21830	3.797	ng/ul	90
61) 4-Nitroaniline	16.04	138	6771m	3.589	ng/ul	
64) 4,6-Dinitro-2-methylphenol	16.09	198	8268	3.601	ng/ul#	92
65) N-Nitrosodiphenylamine	16.21	169	30307	3.568	ng/ul	97
66) 4-Bromophenyl-phenylether	16.90	248	15443	3.569	ng/ul	97
67) Hexachlorobenzene	17.03	284	18105	3.679	ng/ul#	90
68) Atrazine	17.15	200	13104	3.233	ng/ul	92
69) Pentachlorophenol	17.37	266	5419	2.109	ng/ul	92
70) Phenanthrene	17.77	178	63680	3.806	ng/ul	98
72) Anthracene	17.86	178	66819	3.836	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.78	216	16880	3.596	ng/uL	96
74) Pentachlorobenzene	15.29	250	25853	3.706	ng/uL	96
75) Carbazole	18.12	167	50979	3.574	ng/ul	97
76) Di-n-butylphthalate	18.65	149	54811	3.460	ng/ul	98
77) Fluoranthene	19.76	202	83390	3.900	ng/ul#	93
80) Pyrene	20.13	202	91661	4.003	ng/ul#	92
81) Butylbenzylphthalate	20.99	149	21507	3.160	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.94	252	25012	3.099	ng/ul#	91
83) Benzo(a)anthracene	22.04	228	89176	3.805	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.90	149	32477	3.262	ng/ul#	95
85) Chrysene	22.11	228	81264	3.791	ng/ul	98
87) Di-n-octyl phthalate	23.21	149	53138	3.048	ng/ul	100
88) Benzo(b)fluoranthene	24.45	252	85981	3.492	ng/ul#	98
89) Benzo(k)fluoranthene	24.52	252	88246	3.677	ng/ul#	98
91) Benzo(a)pyrene	25.40	252	86790	3.664	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	29.60	276	101809m	3.541	ng/ul	
93) Dibenzo(a,h)anthracene	29.66	278	85118	3.452	ng/ul#	92
94) Benzo(g,h,i)perylene	30.86	276	85900m	3.604	ng/ul	

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028050.D
Acq On : 28 Jul 2017 10:49
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 28 13:48:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

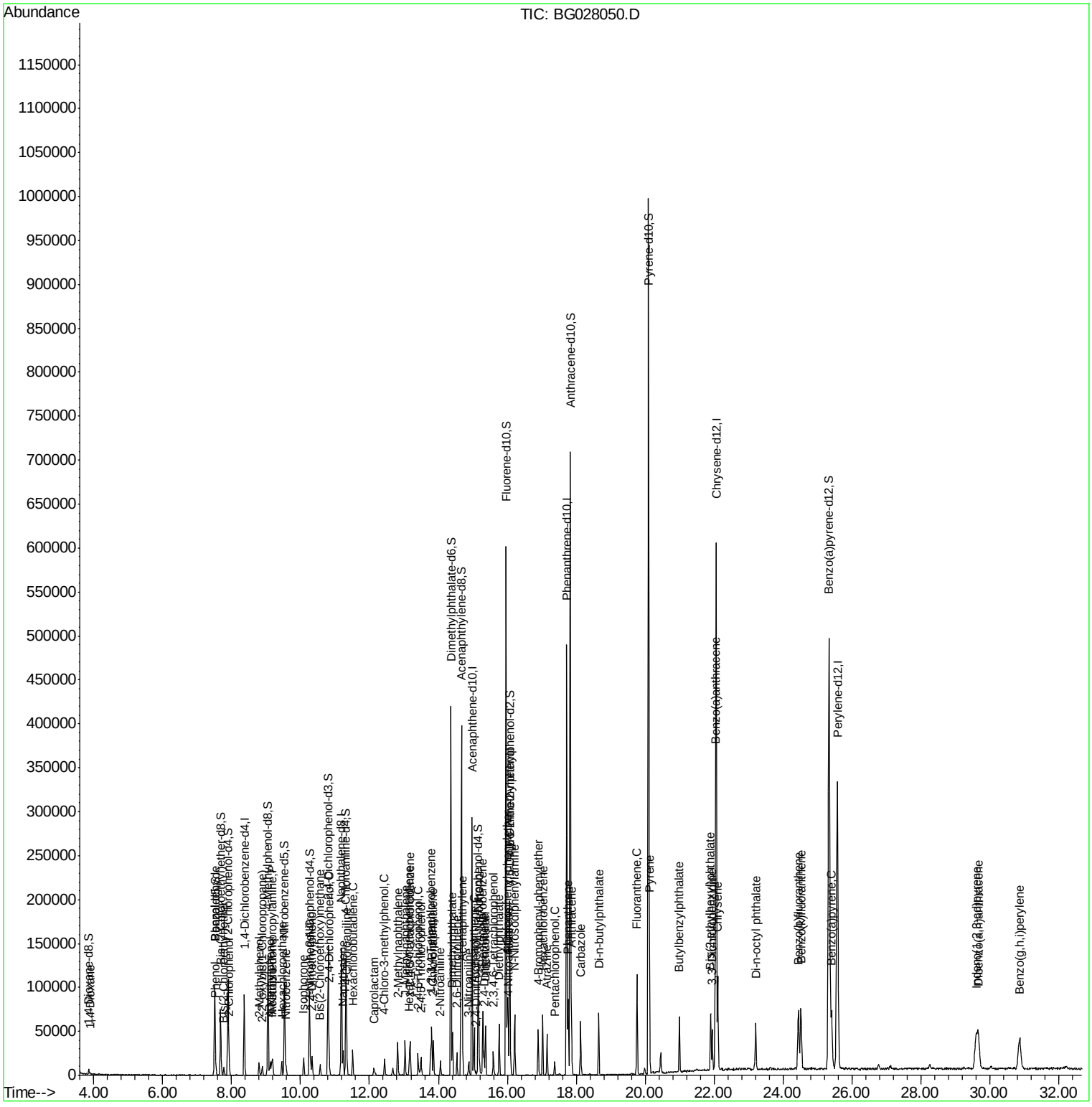
(#) = qualifier out of range (m) = manual integration (+) = signals summed

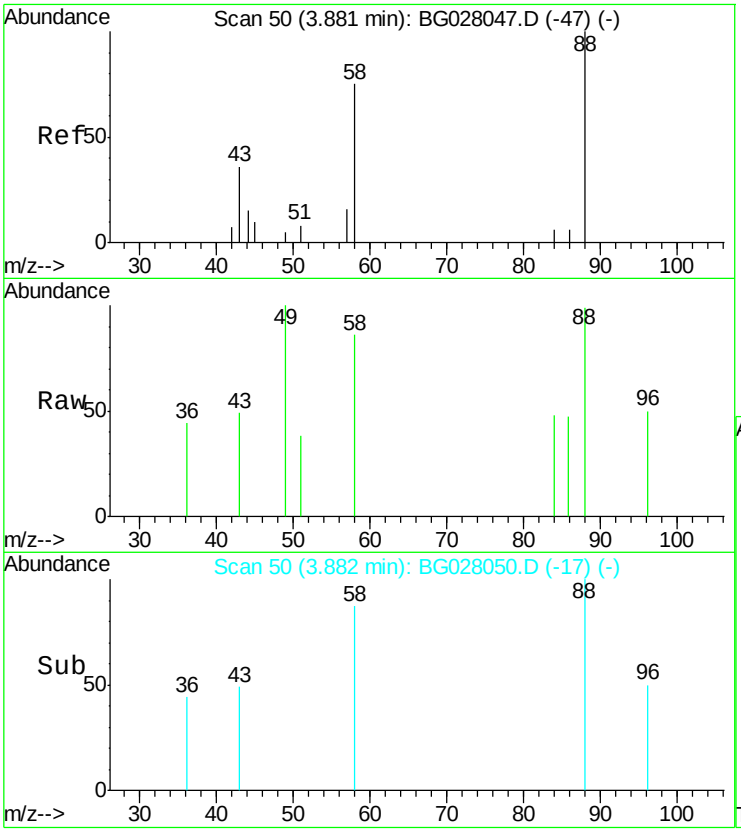
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072817\
Data File : BG028050.D
Acq On : 28 Jul 2017 10:49
Operator : SJ/JU
Sample : MDL-W-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 28 13:48:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 28 13:35:26 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

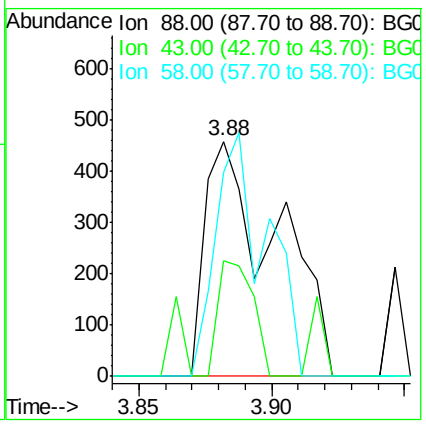




#2
1,4-Dioxane
Concen: 1.665 ng/uL m
RT: 3.88 min Scan# 50
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

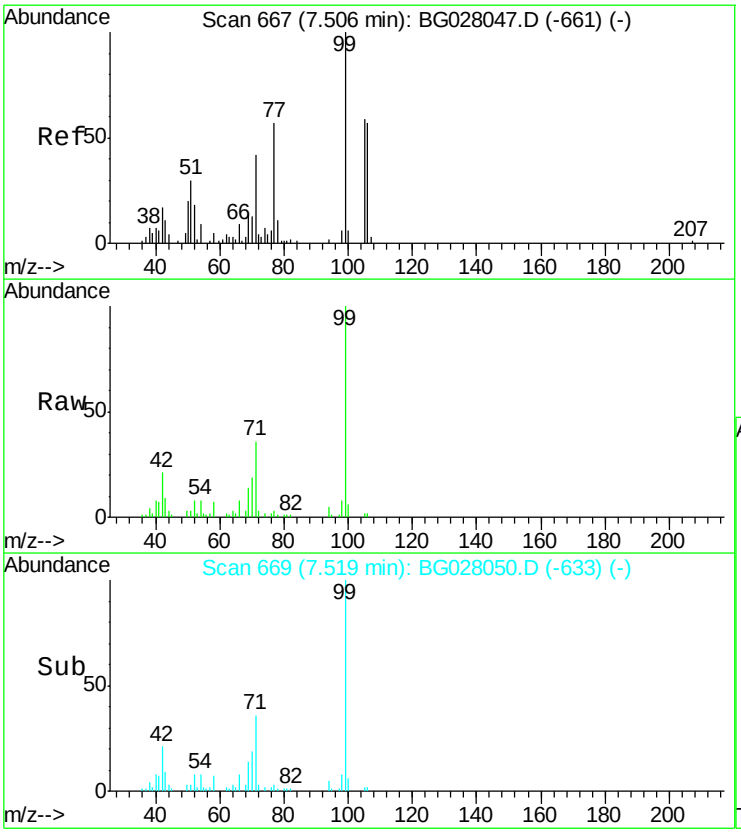
Tgt Ion: 88 Resp: 853

Ion	Ratio	Lower	Upper
88	100		
43	49.1	29.0	43.4#
58	86.7	45.9	68.9#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

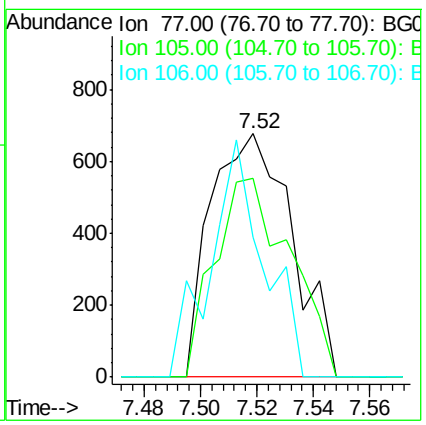
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

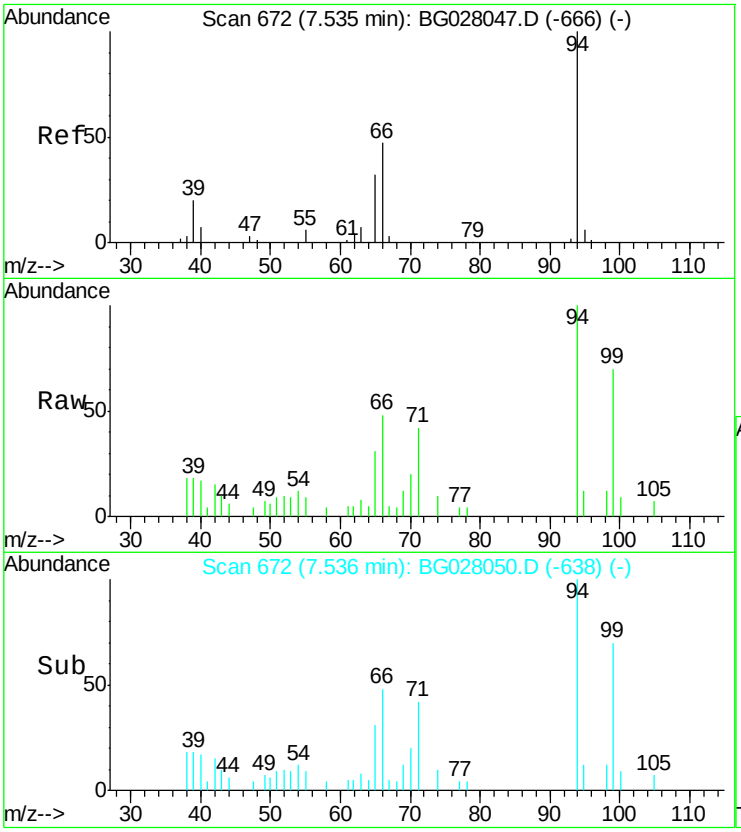


#4
Benzaldehyde
Concen: 1.164 ng/ul
RT: 7.52 min Scan# 669
Delta R.T. 0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion: 77 Resp: 1347

Ion	Ratio	Lower	Upper
77	100		
105	81.7	71.0	106.6
106	57.3	69.5	104.3#

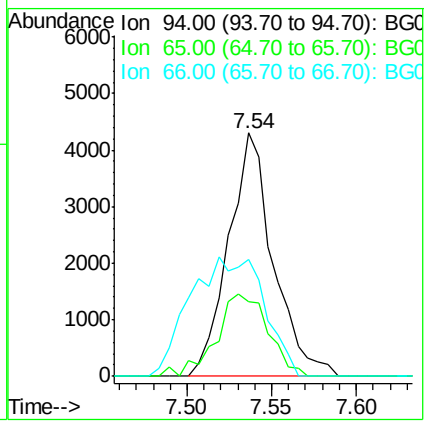




#6
Phenol
Concen: 3.496 ng/ul
RT: 7.54 min Scan# 672
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

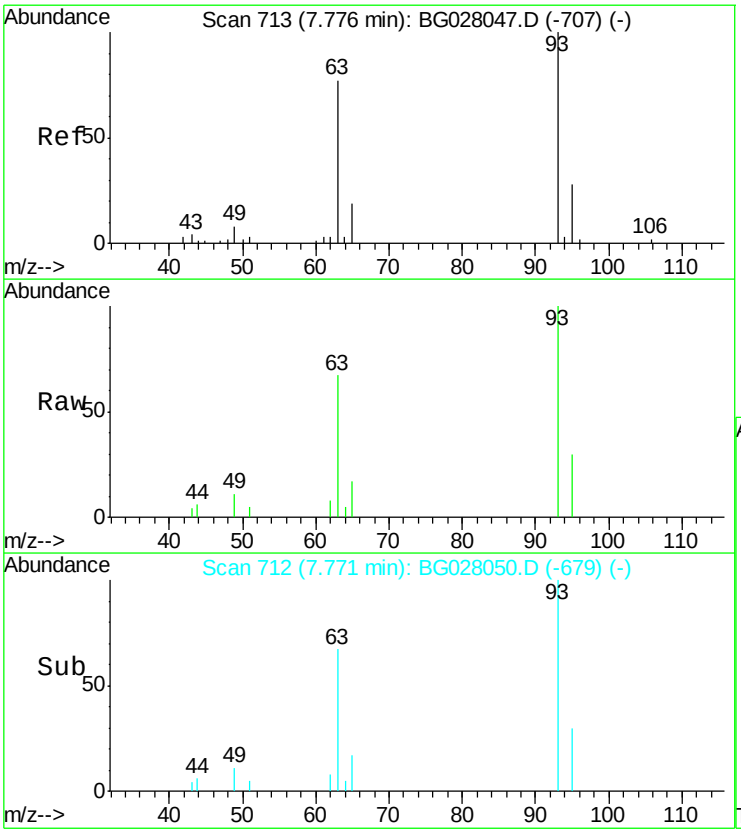
Tgt Ion: 94 Resp: 7929

Ion	Ratio	Lower	Upper
94	100		
65	30.9	23.0	34.6
66	48.0	30.4	45.6#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

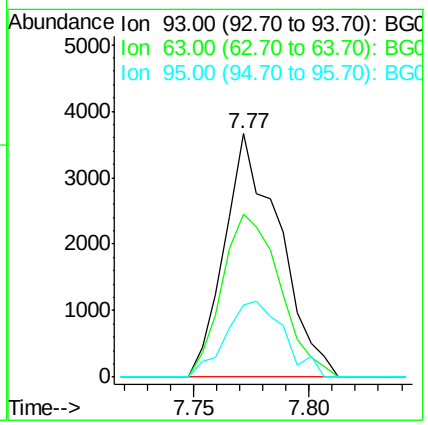
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

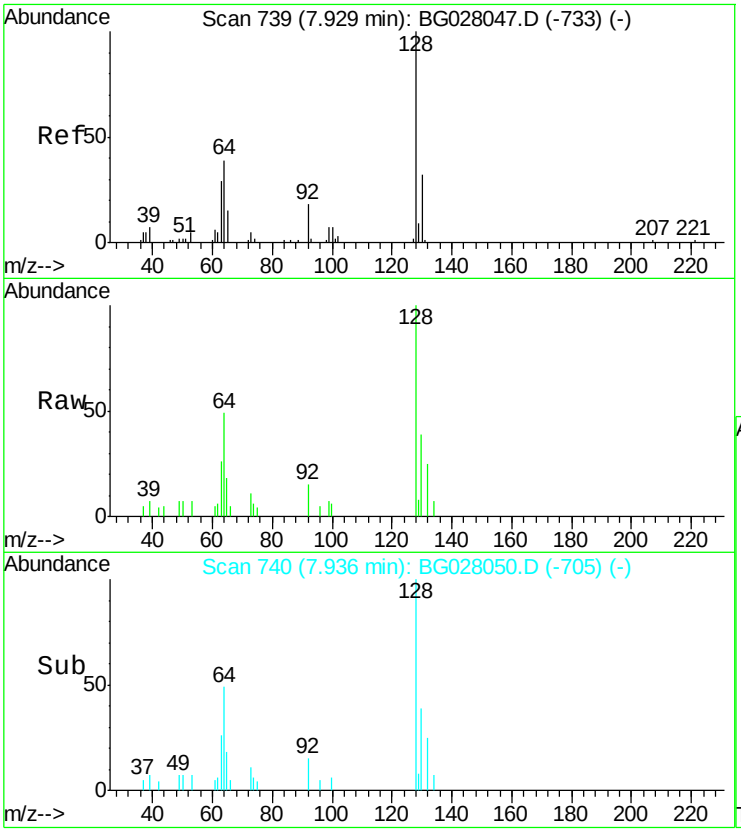


#8
Bis(2-Chloroethyl)ether
Concen: 3.766 ng/ul
RT: 7.77 min Scan# 712
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion: 93 Resp: 6047

Ion	Ratio	Lower	Upper
93	100		
63	66.8	59.4	89.2
95	29.5	26.4	39.6

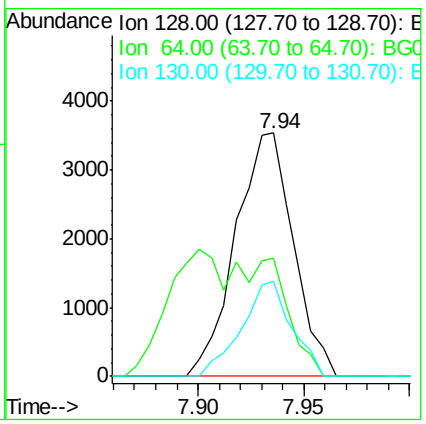




#10
2-Chlorophenol
Concen: 3.699 ng/ul
RT: 7.94 min Scan# 740
Delta R.T. 0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

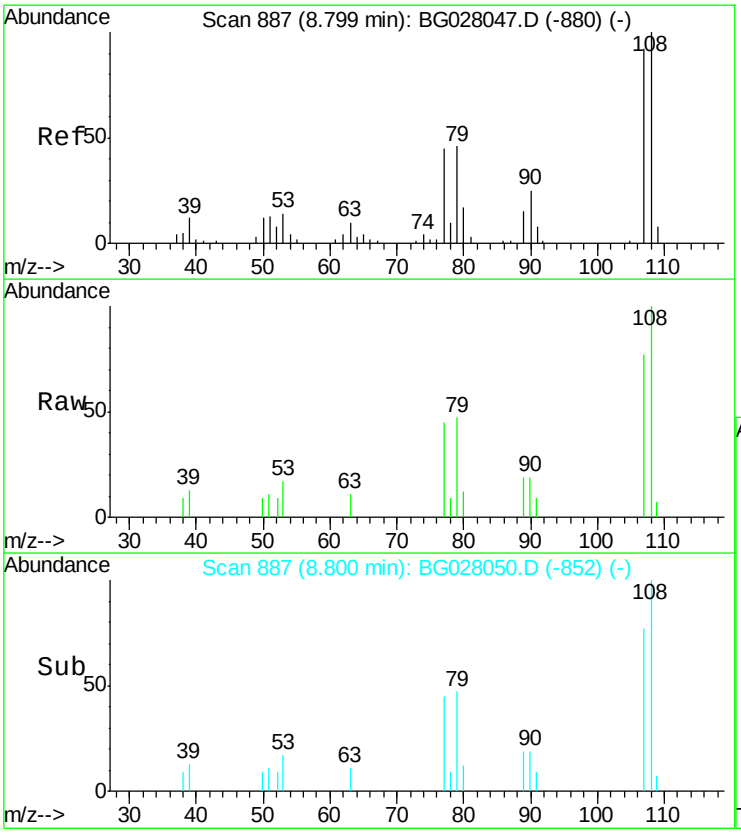
Tgt Ion:128 Resp: 6719

Ion	Ratio	Lower	Upper
128	100		
64	48.8	39.8	59.6
130	38.8	25.8	38.8#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

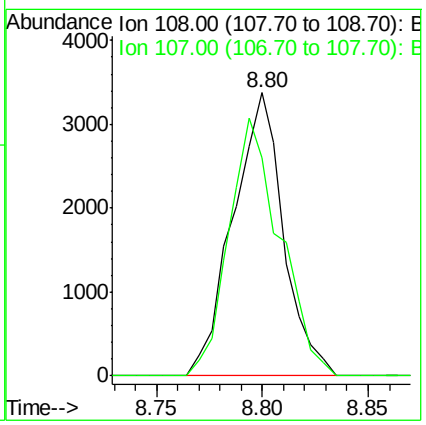
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

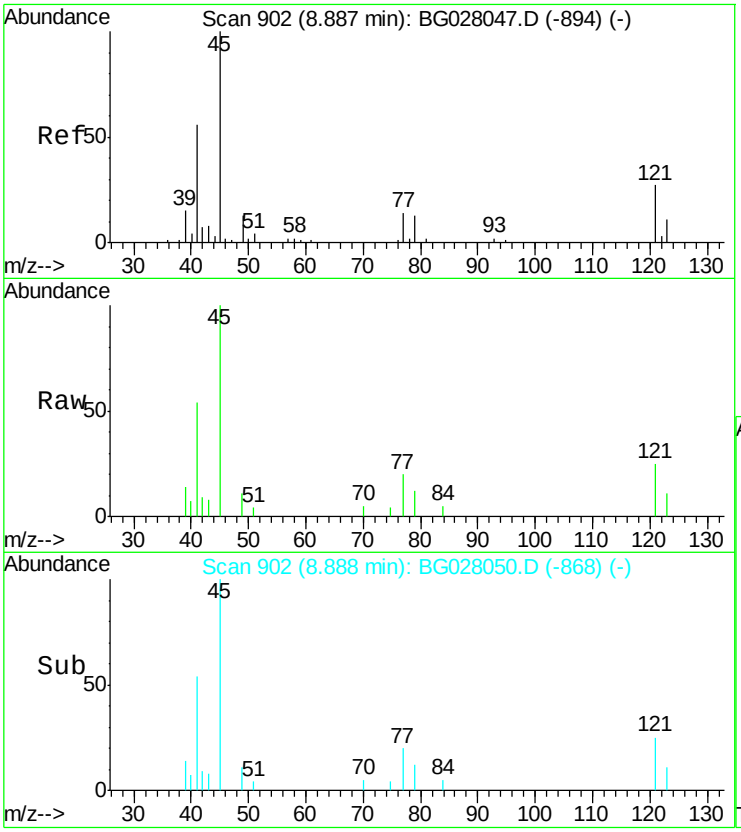


#11
2-Methylphenol
Concen: 3.165 ng/ul
RT: 8.80 min Scan# 887
Delta R.T. 0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:108 Resp: 5598

Ion	Ratio	Lower	Upper
108	100		
107	77.1	74.1	111.1





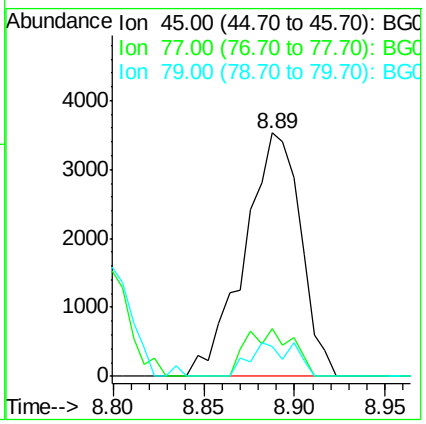
#12
2,2'-oxybis(1-Chloropropane)
Concen: 3.607 ng/ul
RT: 8.89 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

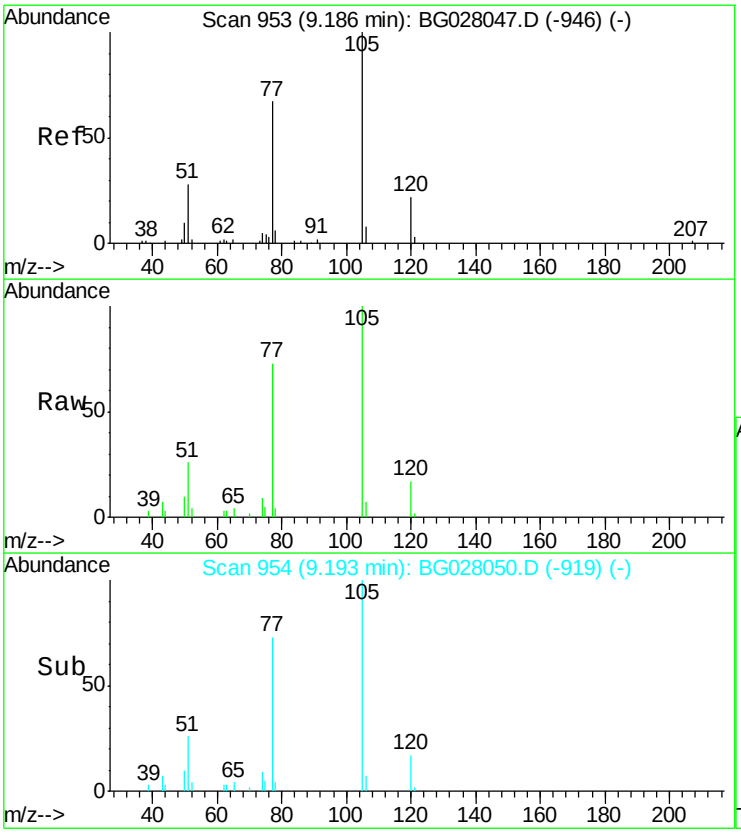
Tgt Ion: 45 Resp: 7603

Ion	Ratio	Lower	Upper
45	100		
77	19.7	12.5	18.7#
79	12.5	9.4	14.2

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

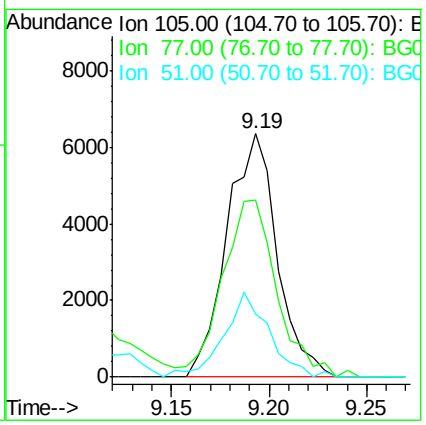


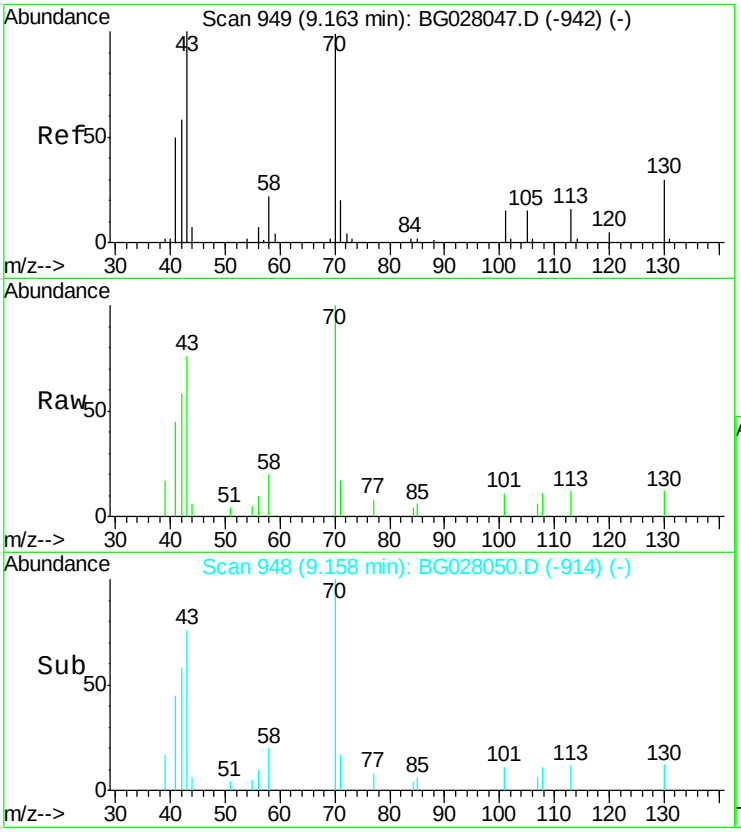


#14
Acetophenone
Concen: 3.731 ng/ul
RT: 9.19 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:105 Resp: 11318

Ion	Ratio	Lower	Upper
105	100		
77	72.6	63.2	94.8
51	25.9	19.8	29.8

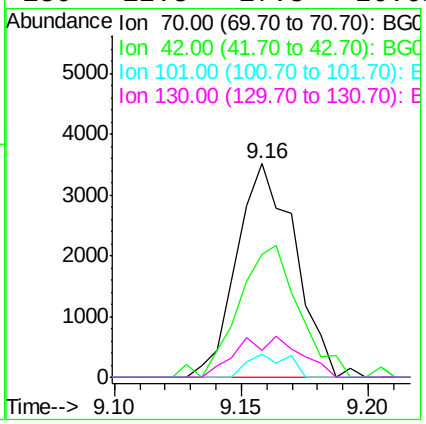




#15
N-Nitroso-di-n-propylamine
Concen: 3.940 ng/ul
RT: 9.16 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

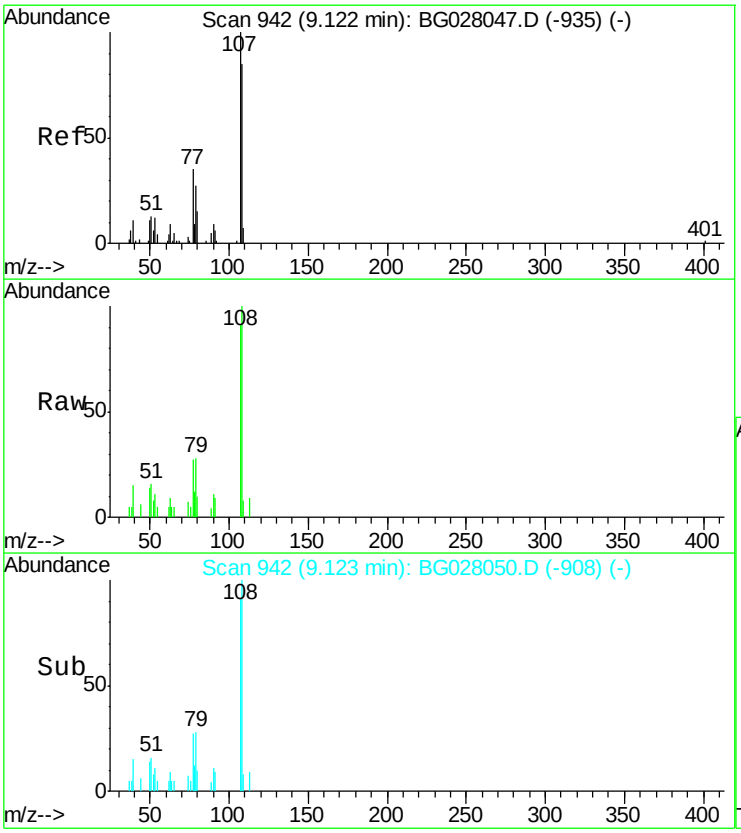
Tgt Ion: 70 Resp: 5610

Ion	Ratio	Lower	Upper
70	100		
42	57.8	40.2	60.4
101	11.0	7.7	11.5
130	12.3	17.8	26.6#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

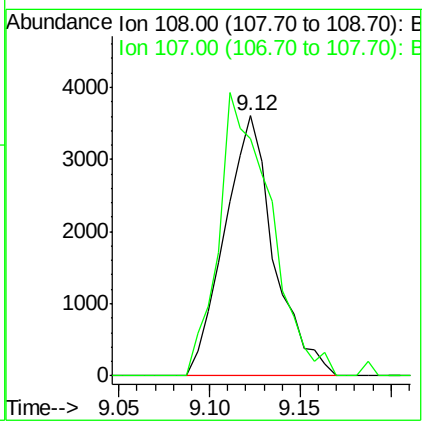
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

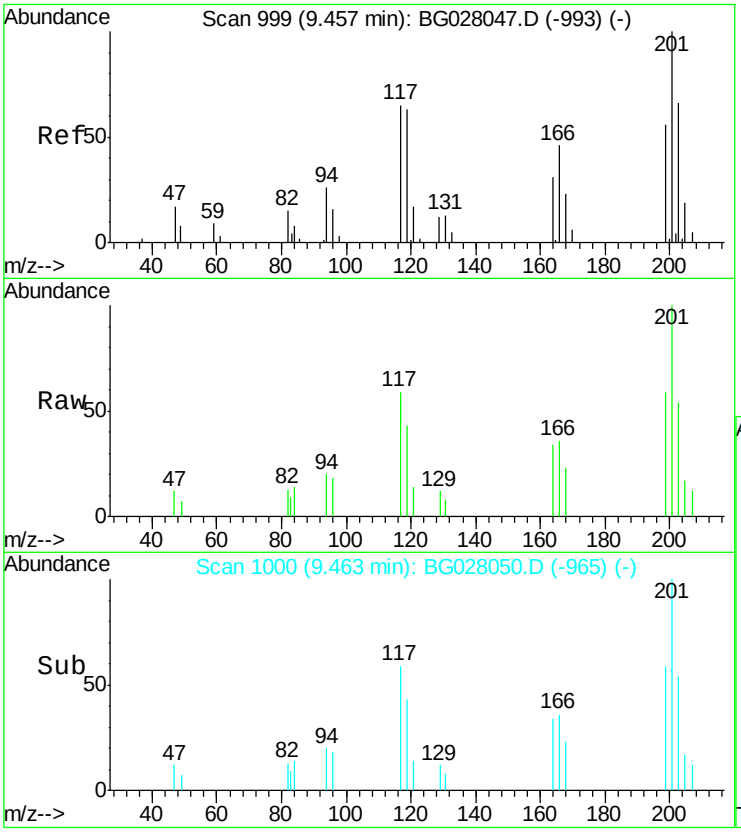


#16
4-Methylphenol
Concen: 3.484 ng/ul
RT: 9.12 min Scan# 942
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:108 Resp: 6836

Ion	Ratio	Lower	Upper
108	100		
107	91.2	93.6	140.4#

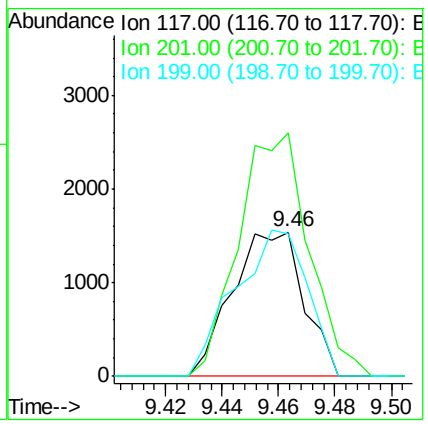




#17
Hexachloroethane
Concen: 3.708 ng/ul
RT: 9.46 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

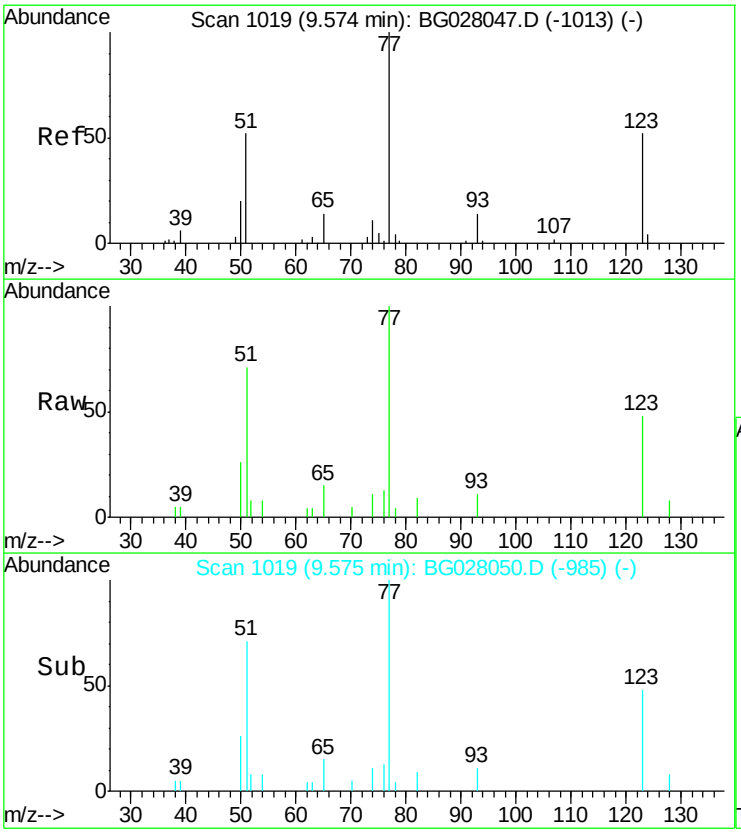
Tgt Ion:117 Resp: 2694

Ion	Ratio	Lower	Upper
117	100		
201	168.9	96.1	144.1#
199	98.8	59.7	89.5#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

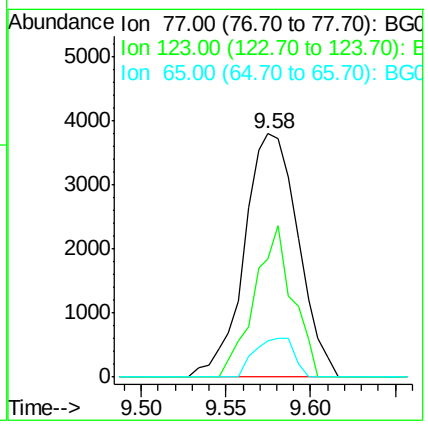
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

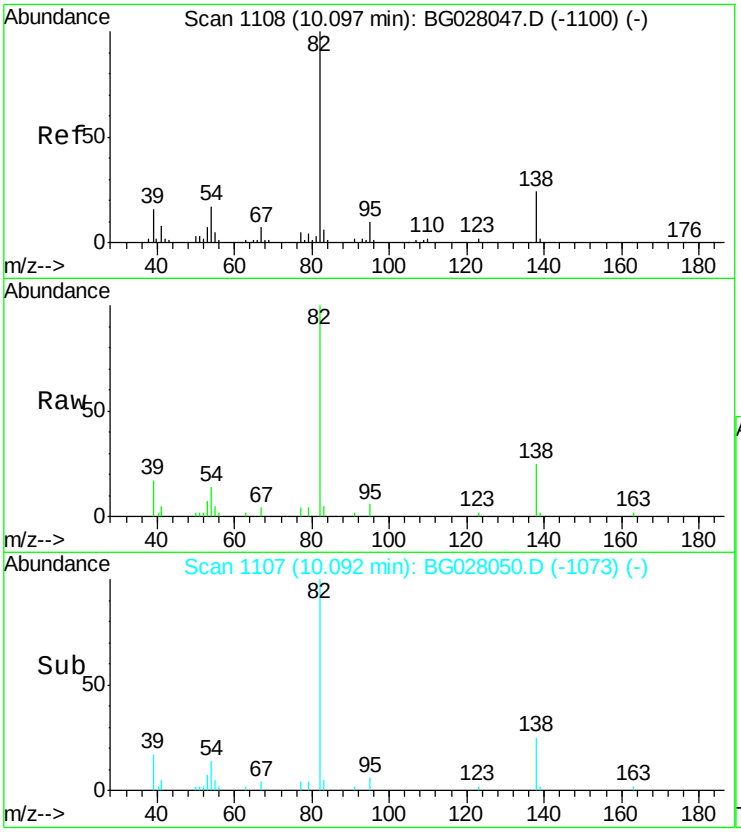


#20
Nitrobenzene
Concen: 3.944 ng/ul
RT: 9.58 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion: 77 Resp: 8382

Ion	Ratio	Lower	Upper
77	100		
123	48.4	31.8	47.8#
65	14.7	10.6	16.0





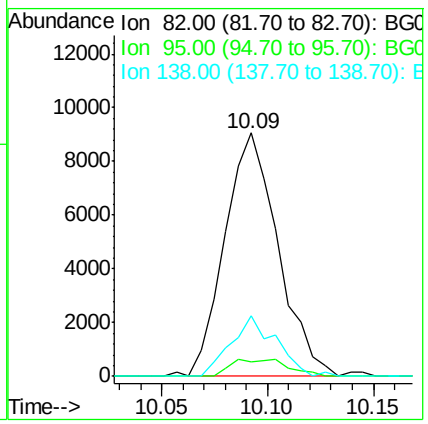
#21
Isophorone
Concen: 3.881 ng/ul
RT: 10.09 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

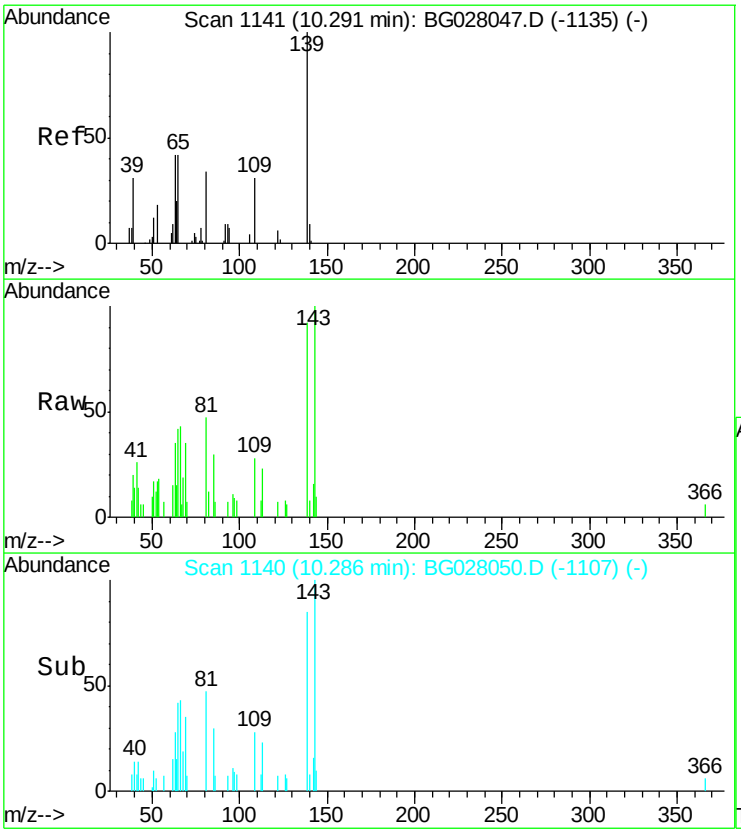
Tgt Ion: 82 Resp: 15762

Ion	Ratio	Lower	Upper
82	100		
95	6.0	6.1	9.1#
138	24.6	13.5	20.3#

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

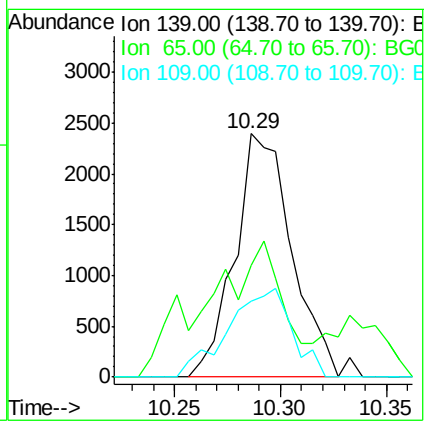


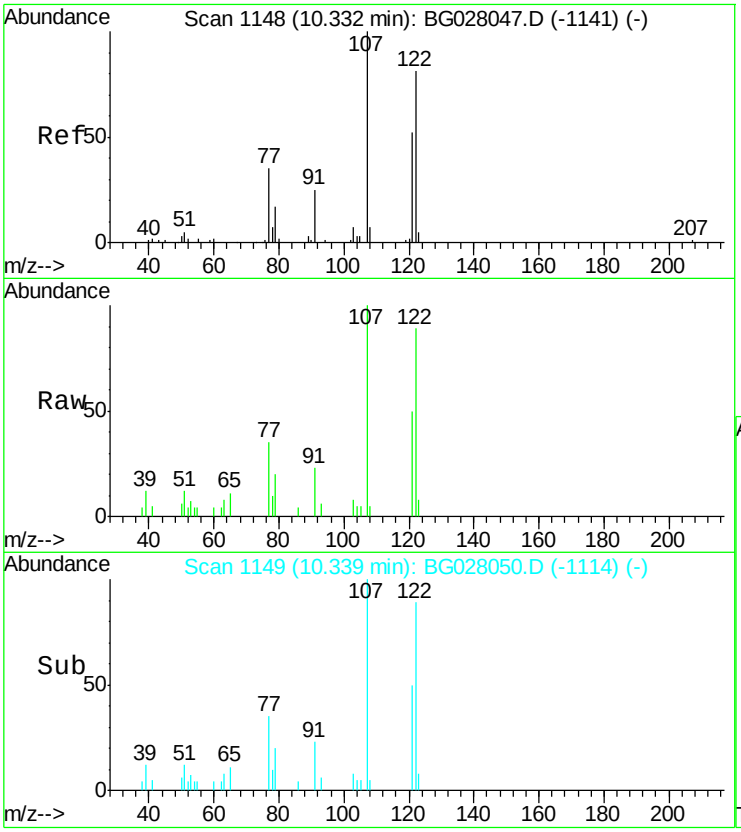


#23
2-Nitrophenol
Concen: 3.681 ng/ul
RT: 10.29 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:139 Resp: 4471

Ion	Ratio	Lower	Upper
139	100		
65	45.8	45.3	67.9
109	31.0	27.7	41.5





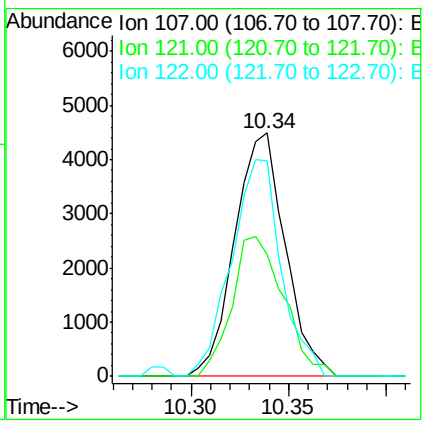
#24
2,4-Dimethylphenol
Concen: 3.318 ng/ul
RT: 10.34 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

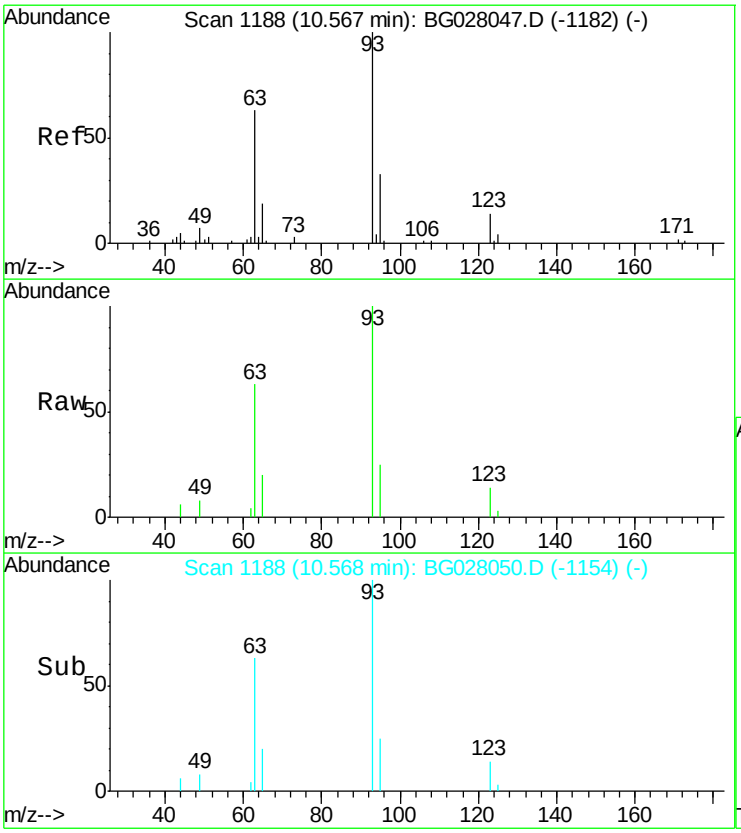
Tgt Ion:107 Resp: 8060

Ion	Ratio	Lower	Upper
107	100		
121	50.2	38.1	57.1
122	88.7	63.8	95.8

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

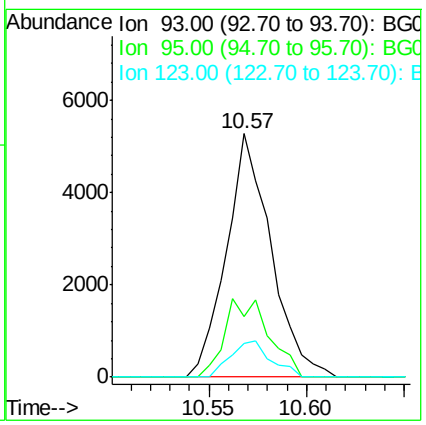


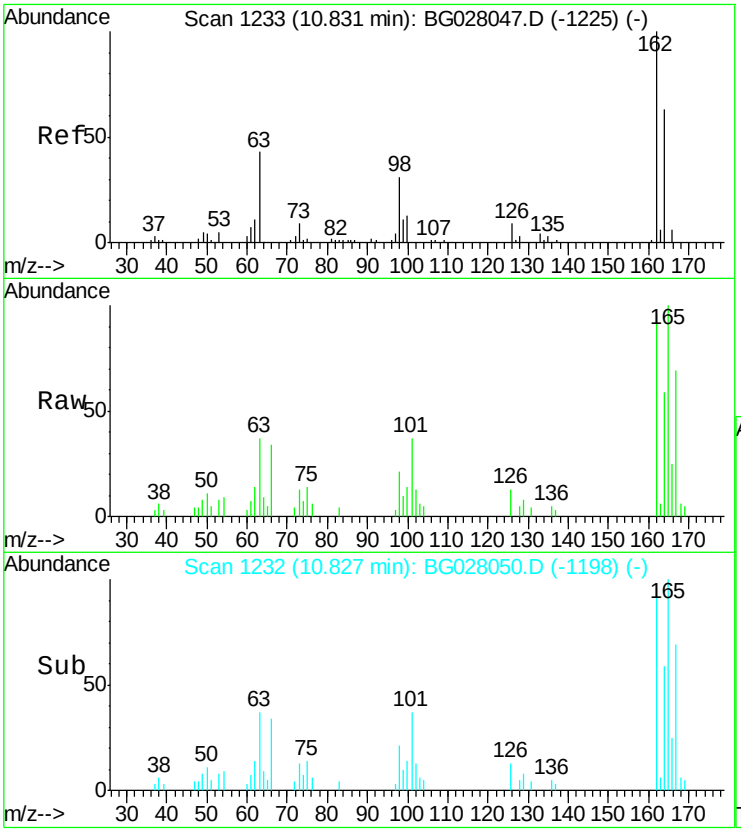


#25
Bis(2-Chloroethoxy)methane
Concen: 3.550 ng/ul
RT: 10.57 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion: 93 Resp: 8376

Ion	Ratio	Lower	Upper
93	100		
95	24.9	24.7	37.1
123	13.7	8.2	12.2#





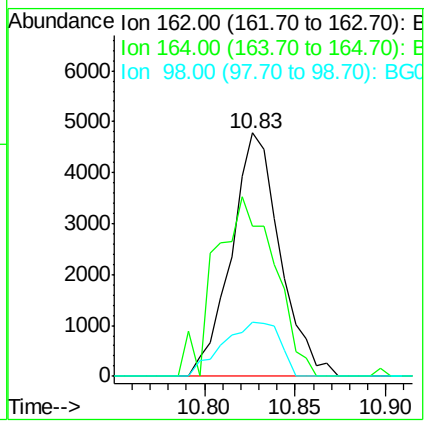
#27
2,4-Dichlorophenol
Concen: 3.782 ng/ul
RT: 10.83 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

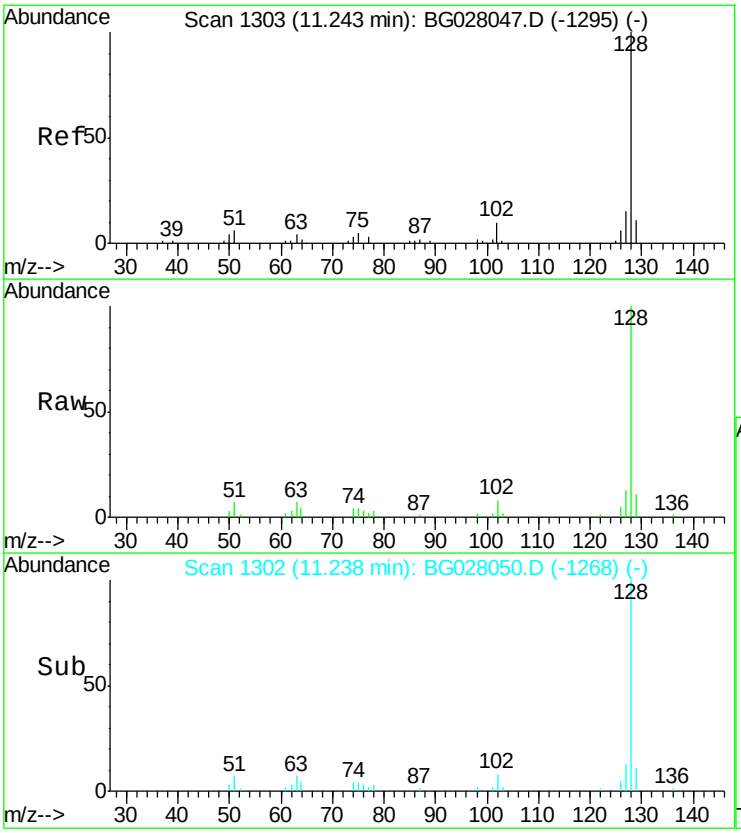
Tgt Ion:162 Resp: 8940

Ion	Ratio	Lower	Upper
162	100		
164	61.4	52.0	78.0
98	22.0	26.6	39.8#

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

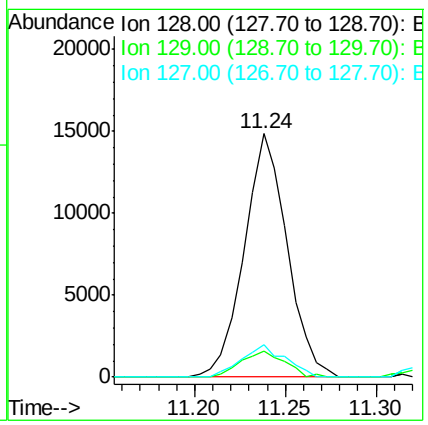


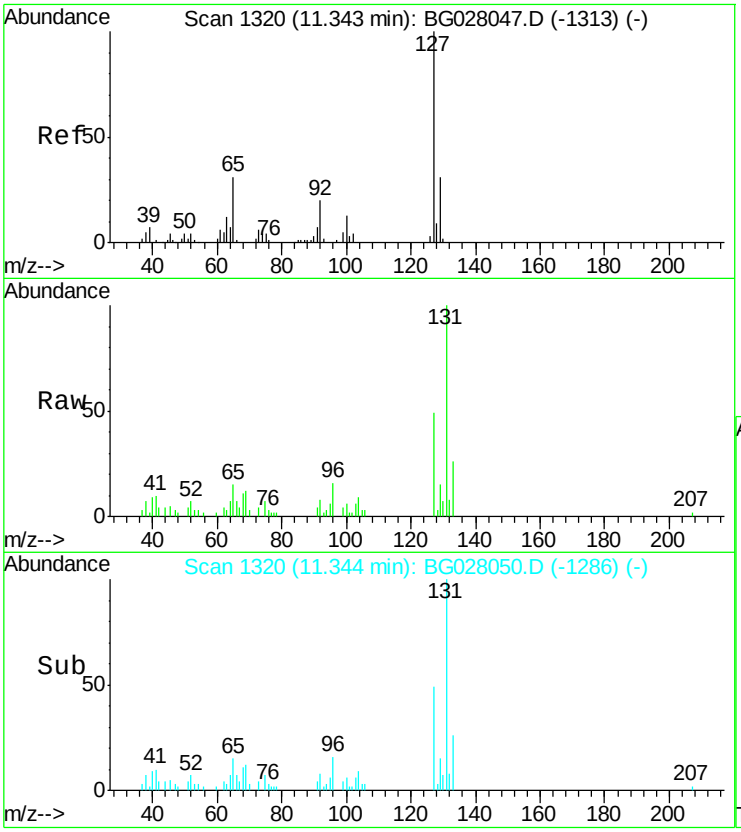


#28
Naphthalene
Concen: 3.818 ng/ul
RT: 11.24 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:128 Resp: 24403

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.3	10.8	16.2





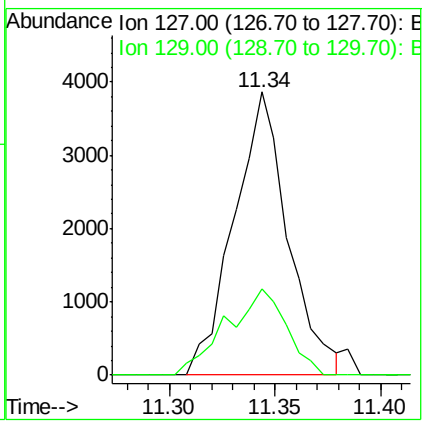
#30
4-Chloroaniline
Concen: 2.888 ng/ul
RT: 11.34 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

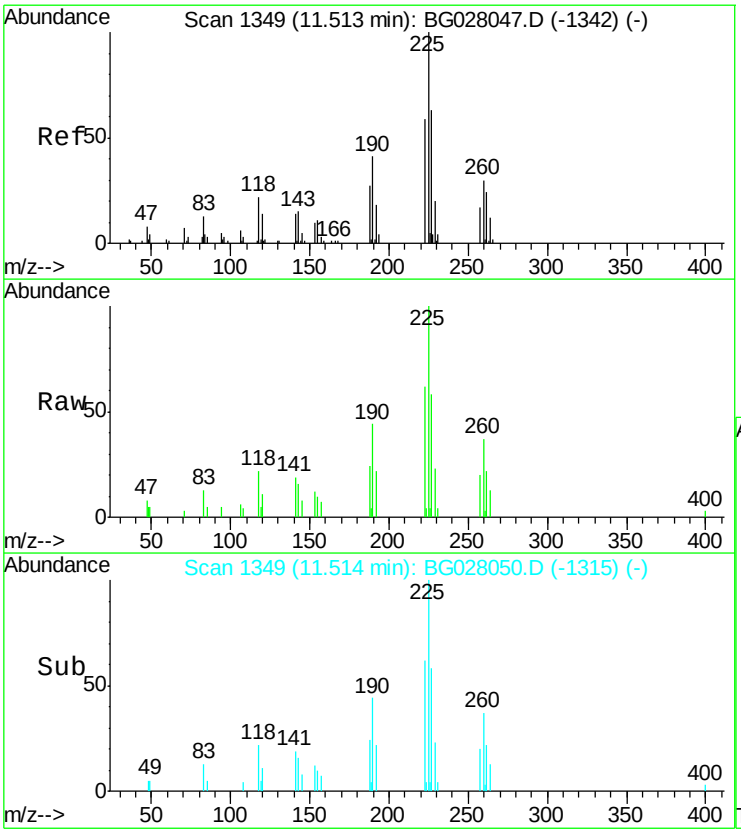
Tgt Ion:127 Resp: 6877

Ion	Ratio	Lower	Upper
127	100		
129	30.3	24.6	37.0

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

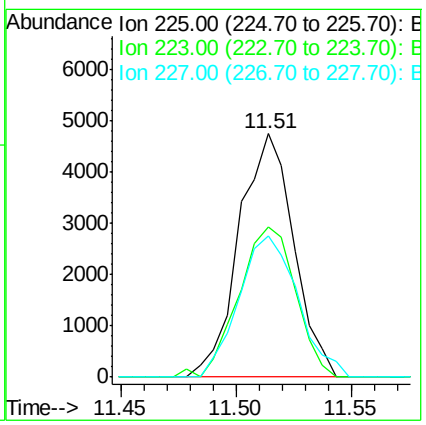


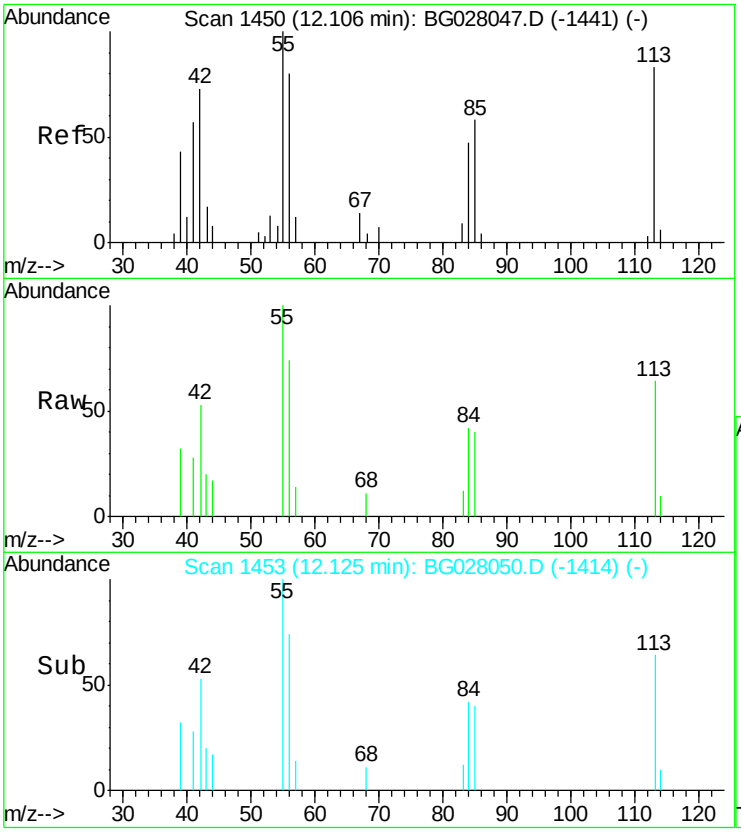


#31
Hexachlorobutadiene
Concen: 3.814 ng/ul
RT: 11.51 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:225 Resp: 7800

Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.1	72.1
227	57.8	52.1	78.1

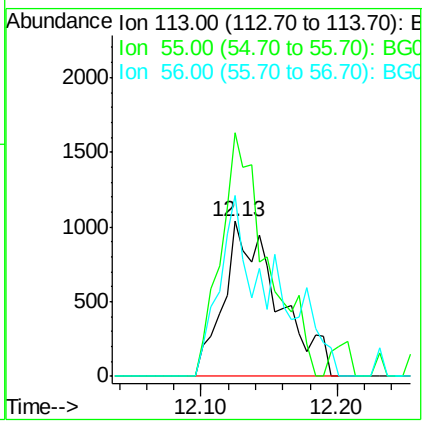




#32
Caprolactam
Concen: 3.776 ng/ul m
RT: 12.13 min Scan# 1453
Delta R.T. 0.03 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

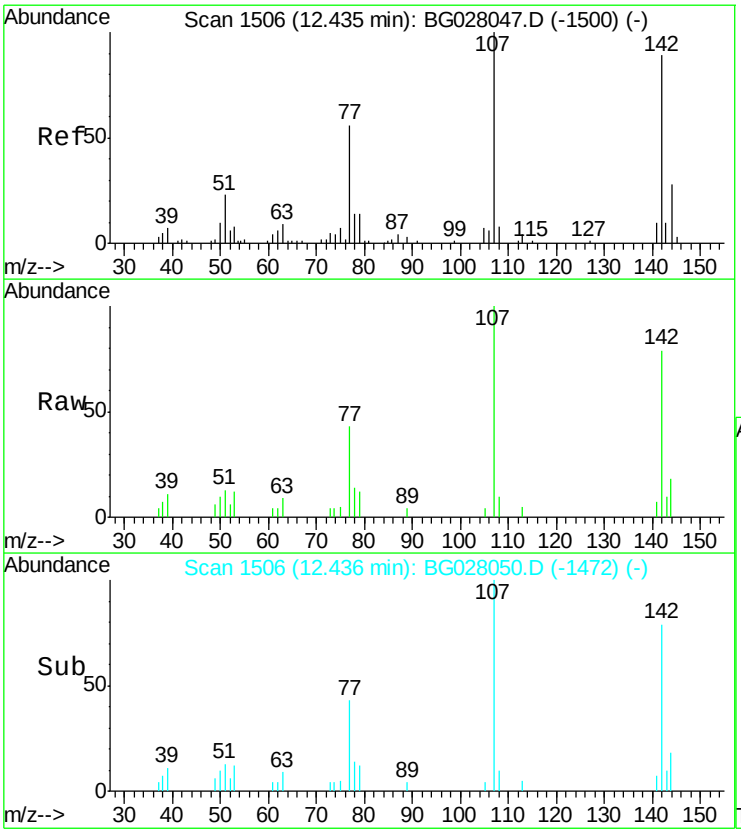
Tgt Ion:113 Resp: 2865

Ion	Ratio	Lower	Upper
113	100		
55	156.9	131.7	197.5
56	116.6	92.7	139.1



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

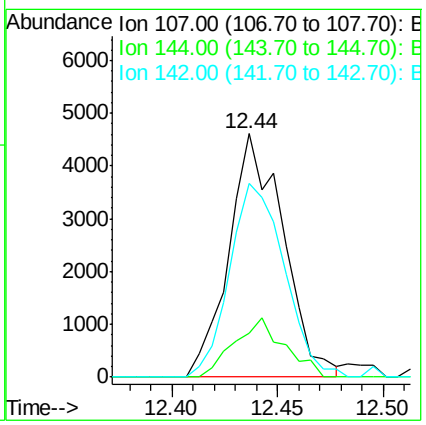
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

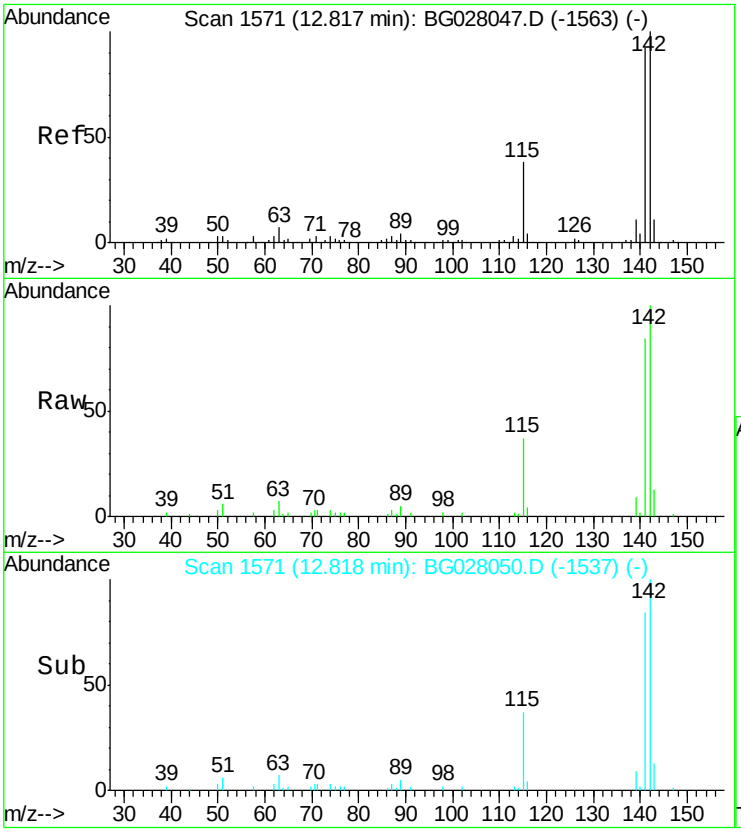


#33
4-Chloro-3-methylphenol
Concen: 3.564 ng/ul
RT: 12.44 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:107 Resp: 8209

Ion	Ratio	Lower	Upper
107	100		
144	17.8	21.1	31.7#
142	79.5	60.1	90.1





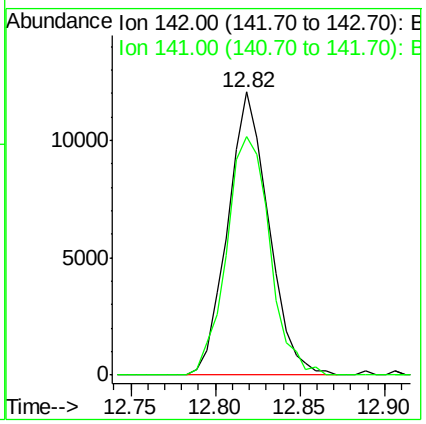
#34
2-Methylnaphthalene
Concen: 3.692 ng/ul
RT: 12.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

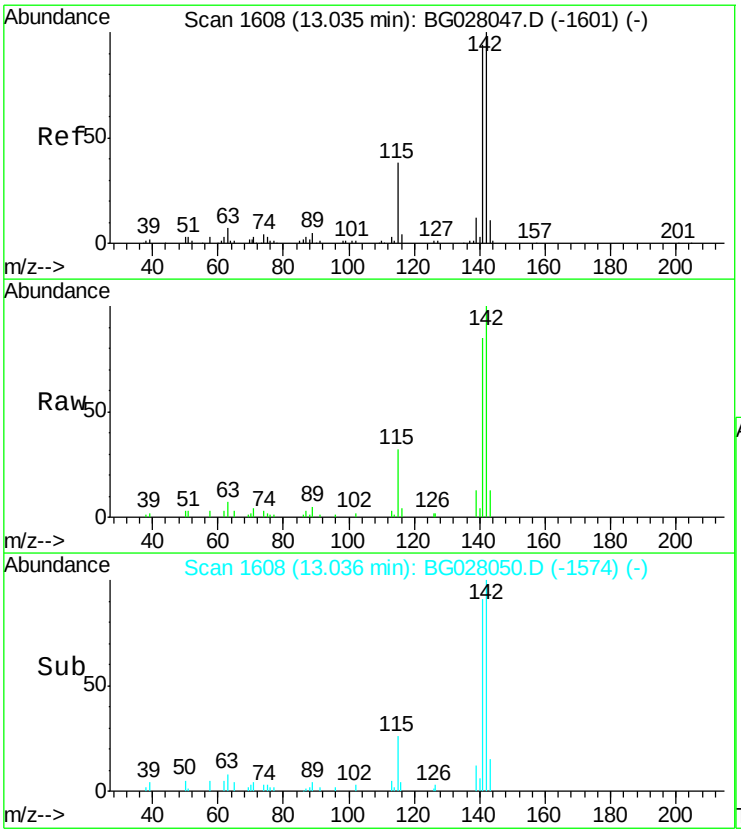
Tgt Ion:142 Resp: 20364

Ion	Ratio	Lower	Upper
142	100		
141	84.5	71.4	107.2

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

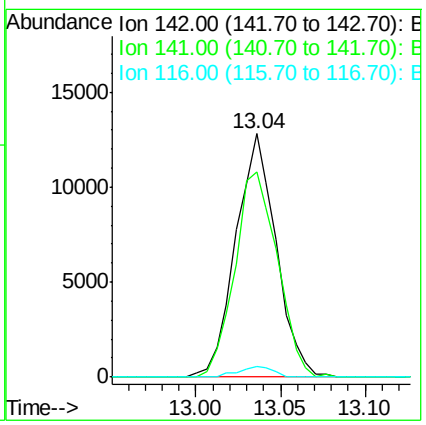


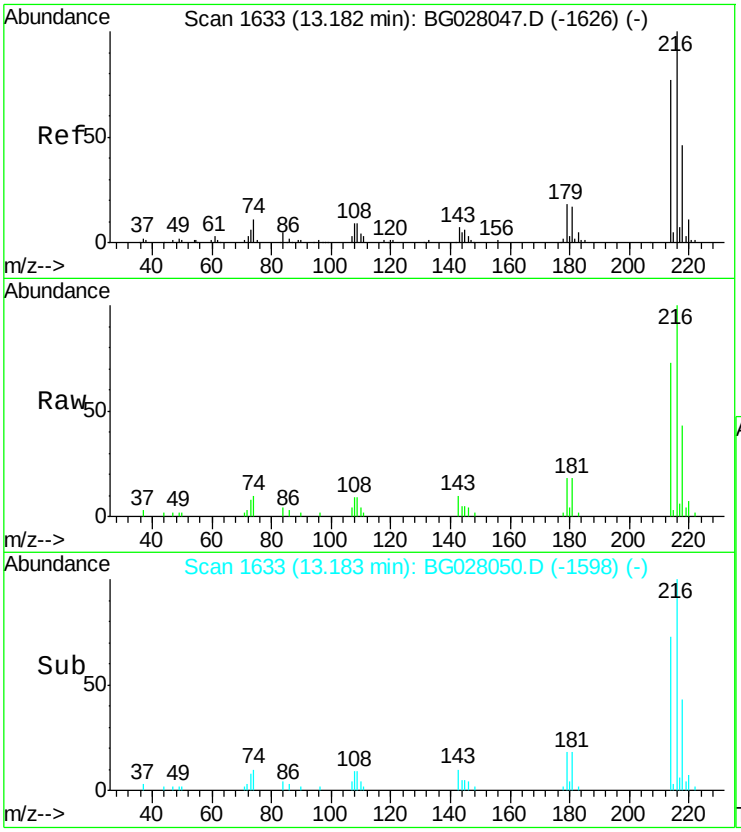


#35
1-Methylnaphthalene
Concen: 3.974 ng/ul
RT: 13.04 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:142 Resp: 21252

Ion	Ratio	Lower	Upper
142	100		
141	84.5	76.6	115.0
116	4.5	3.6	5.4





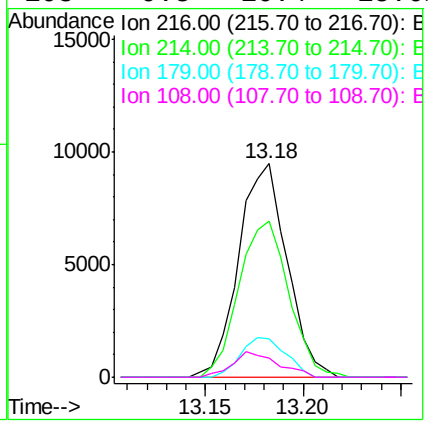
#37
1,2,4,5-Tetrachlorobenzene
Concen: 3.678 ng/ul
RT: 13.18 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

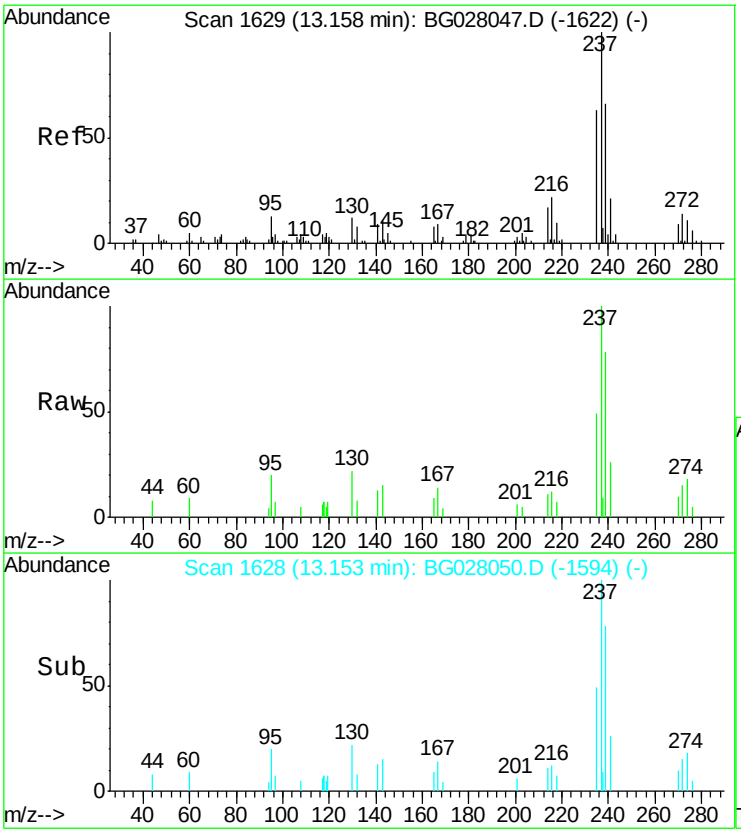
Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

Tgt Ion:216 Resp: 16270

Ion	Ratio	Lower	Upper
216	100		
214	73.2	64.1	96.1
179	18.1	14.5	21.7
108	9.3	10.4	15.6#

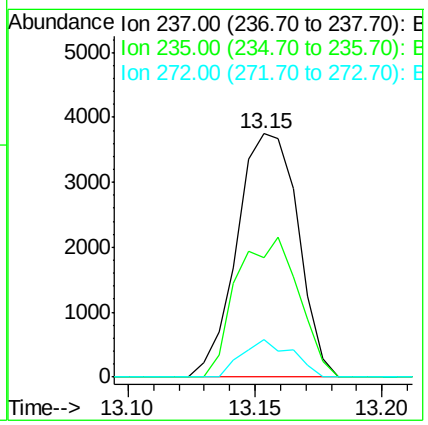


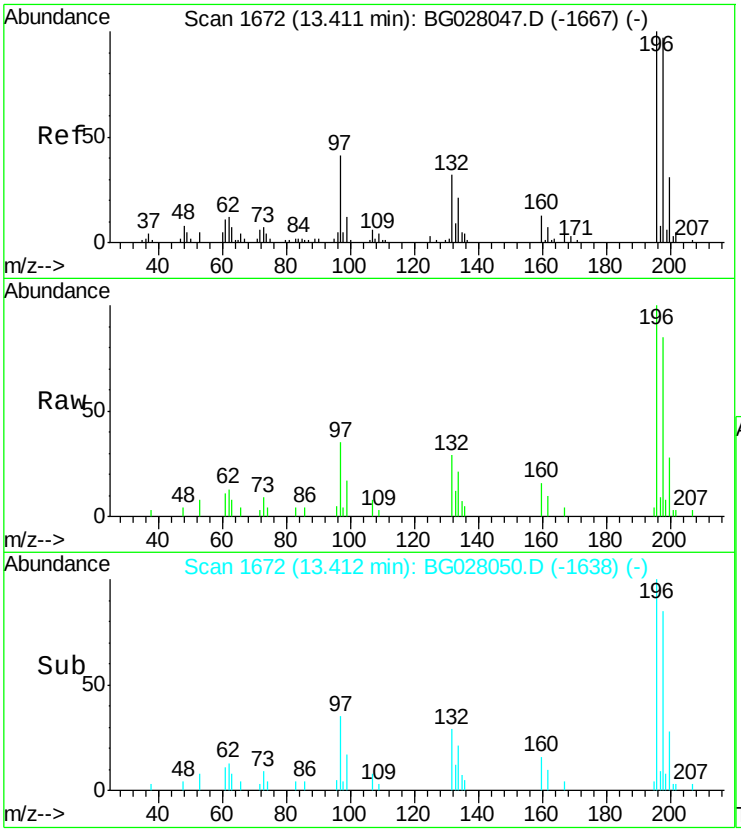


#38
Hexachlorocyclopentadiene
Concen: 2.420 ng/ul
RT: 13.15 min Scan# 1628
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:237 Resp: 6276

Ion	Ratio	Lower	Upper
237	100		
235	49.0	49.5	74.3#
272	15.1	8.6	12.8#

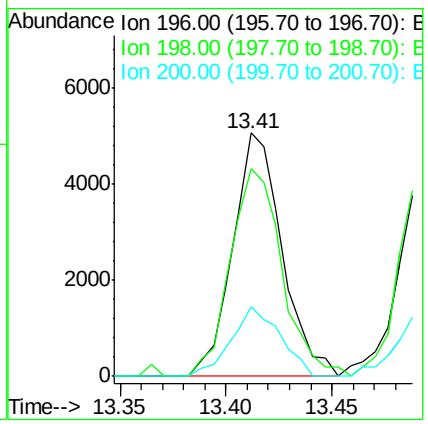




#39
2,4,6-Trichlorophenol
Concen: 3.095 ng/ul
RT: 13.41 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

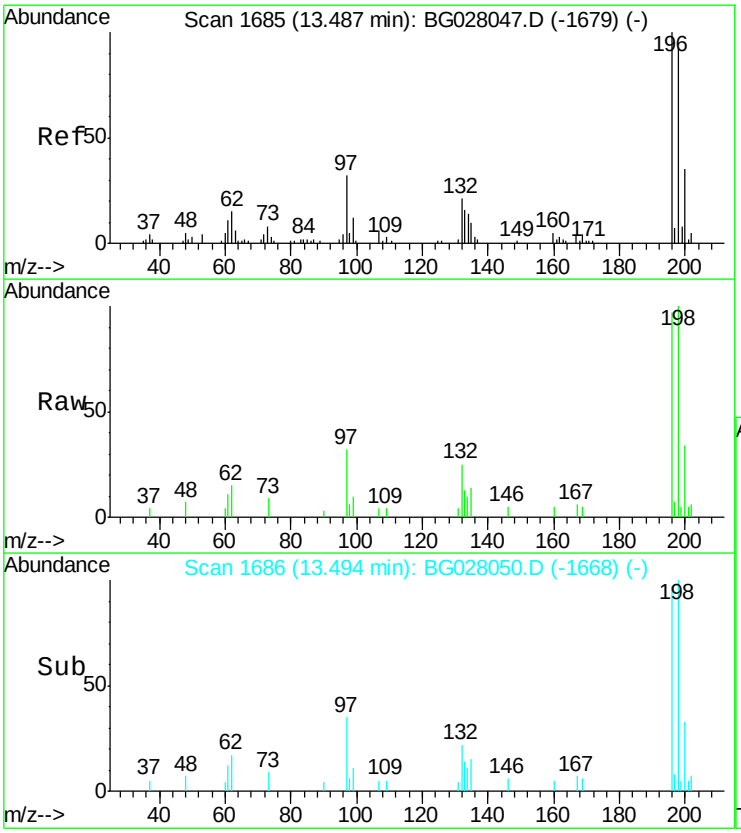
Tgt Ion:196 Resp: 8172

Ion	Ratio	Lower	Upper
196	100		
198	93.1	75.9	113.9
200	28.4	25.8	38.6



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

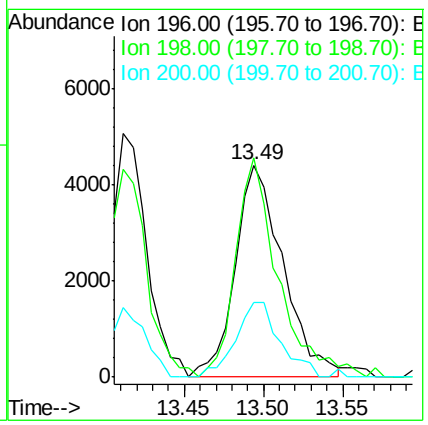
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

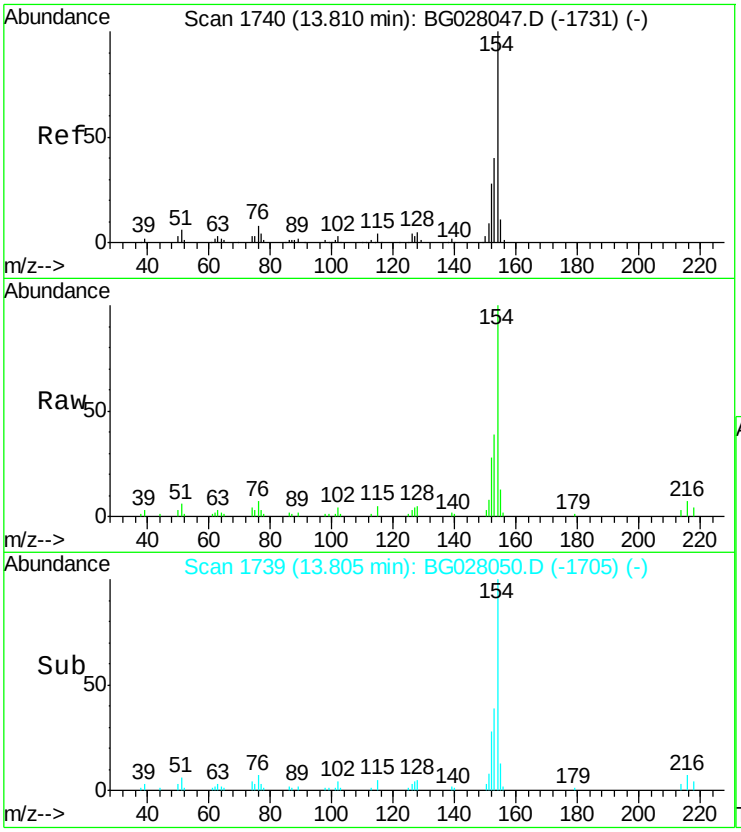


#40
2,4,5-Trichlorophenol
Concen: 3.292 ng/ul
RT: 13.49 min Scan# 1686
Delta R.T. 0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:196 Resp: 9233

Ion	Ratio	Lower	Upper
196	100		
198	103.5	74.7	112.1
200	35.1	25.4	38.0





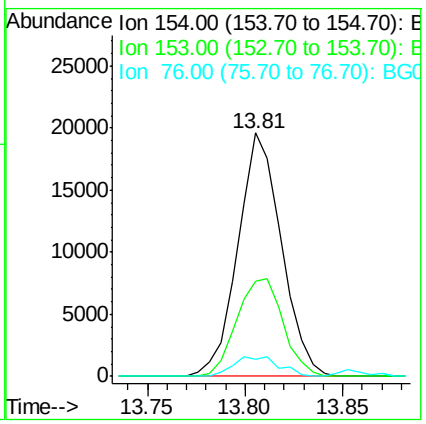
#41
1,1'-Biphenyl
Concen: 3.618 ng/ul
RT: 13.81 min Scan# 1739
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

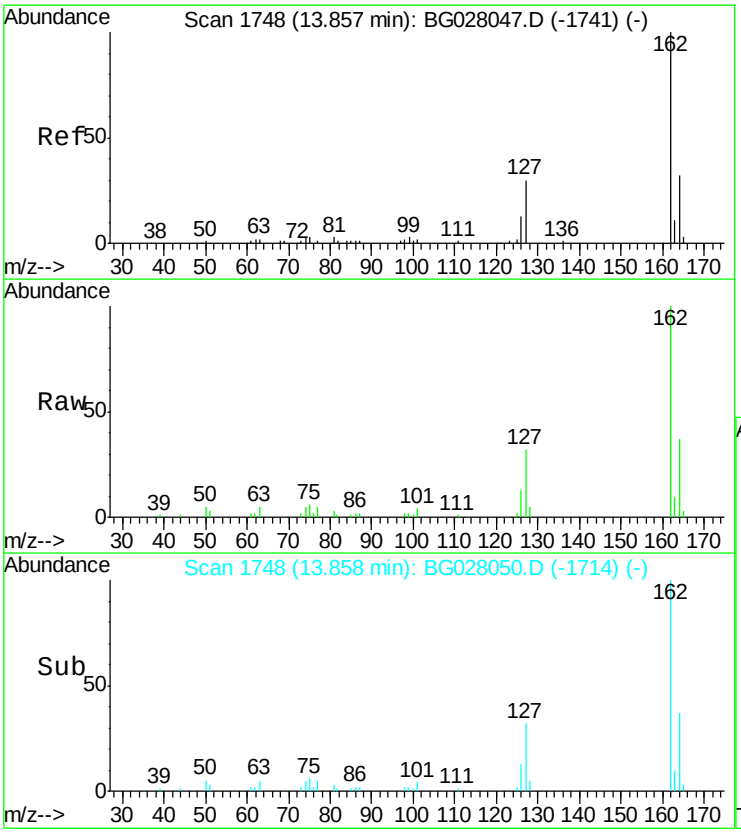
Tgt Ion:154 Resp: 30195

Ion	Ratio	Lower	Upper
154	100		
153	39.3	34.0	51.0
76	6.8	8.4	12.6#

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

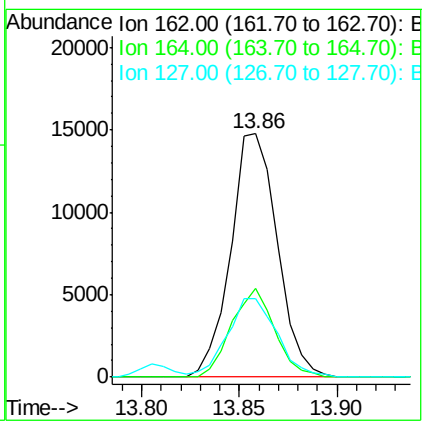


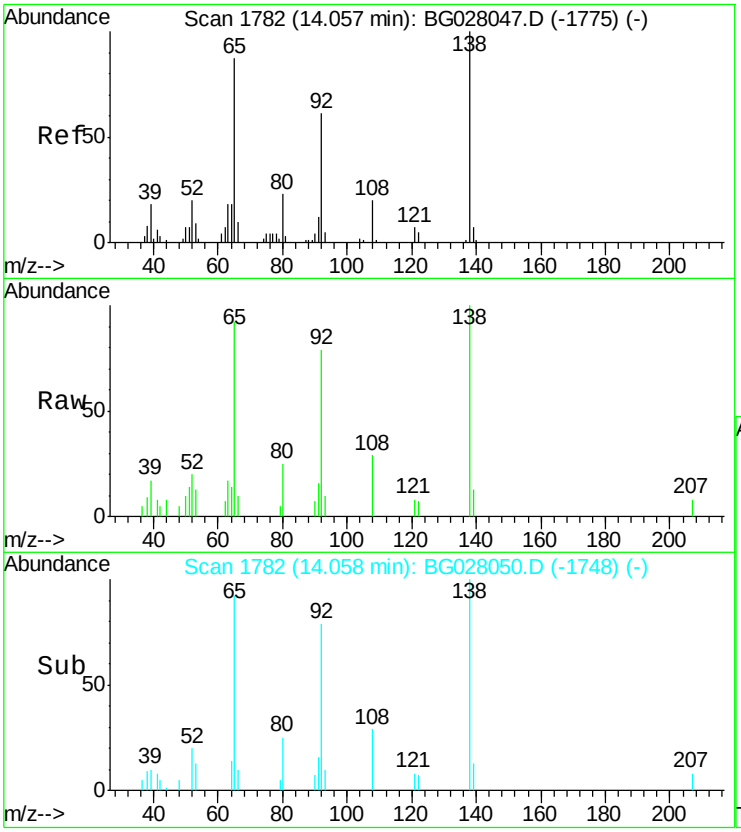


#42
2-Chloronaphthalene
Concen: 3.626 ng/ul
RT: 13.86 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:162 Resp: 24405

Ion	Ratio	Lower	Upper
162	100		
164	36.7	26.2	39.4
127	32.2	29.5	44.3





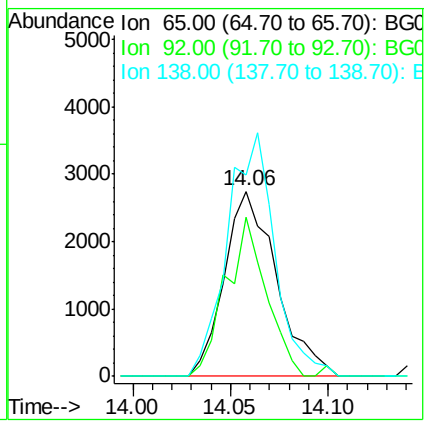
#43
2-Nitroaniline
Concen: 3.199 ng/ul
RT: 14.06 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

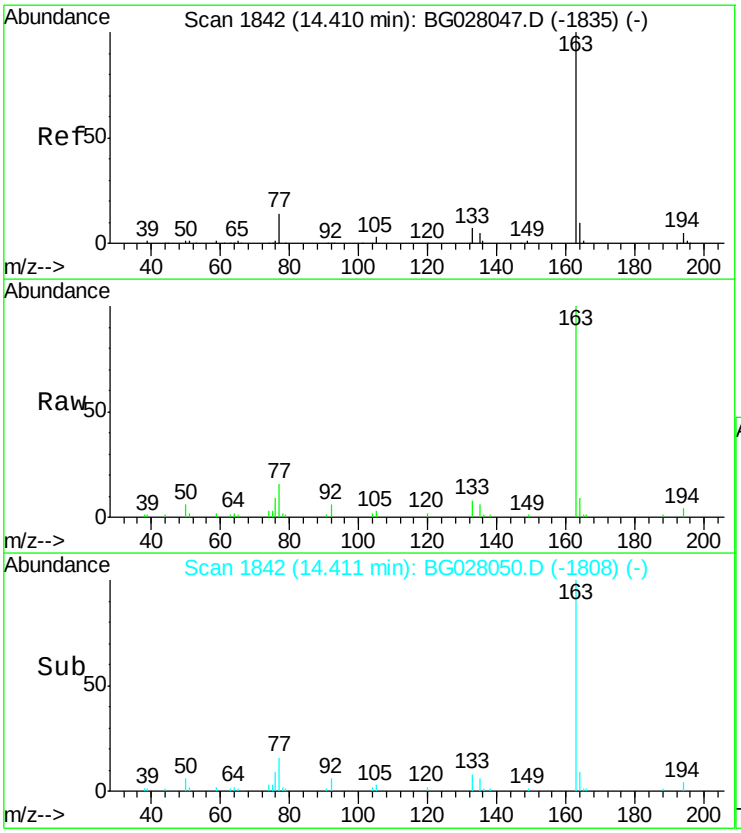
Tgt Ion: 65 Resp: 5075

Ion	Ratio	Lower	Upper
65	100		
92	86.1	57.0	85.4#
138	108.7	87.2	130.8

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

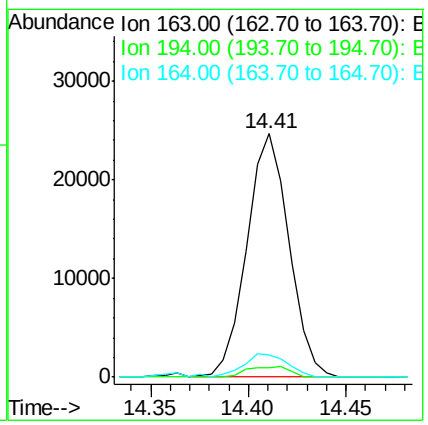


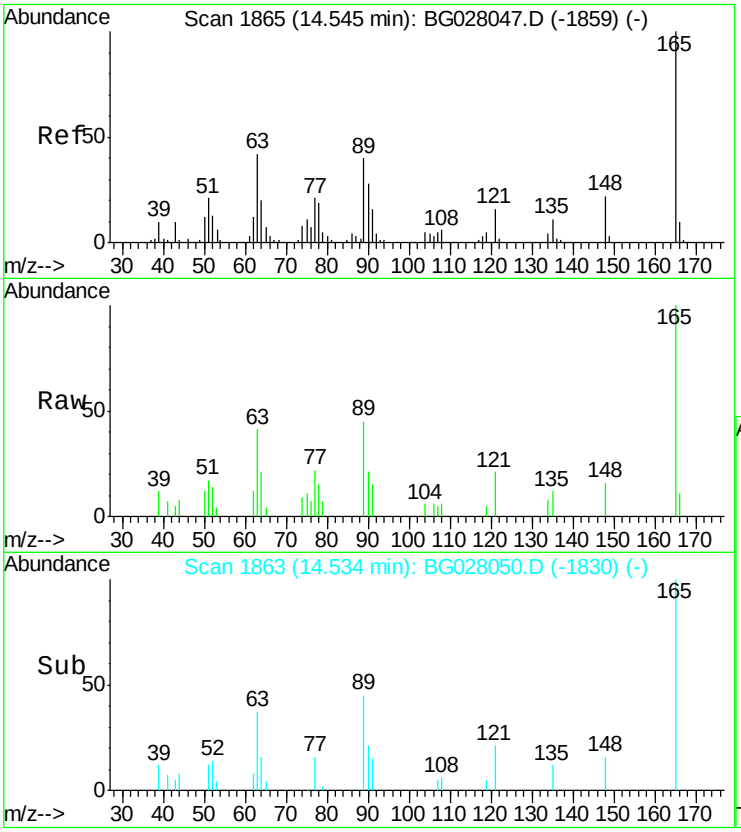


#45
Dimethylphthalate
Concen: 3.891 ng/ul
RT: 14.41 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:163 Resp: 37045

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	9.2	8.4	12.6

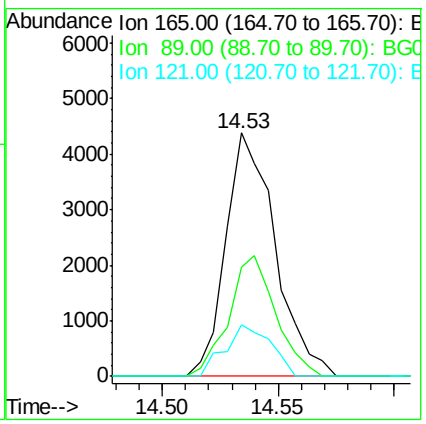




#46
2,6-Dinitrotoluene
Concen: 3.413 ng/ul
RT: 14.53 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

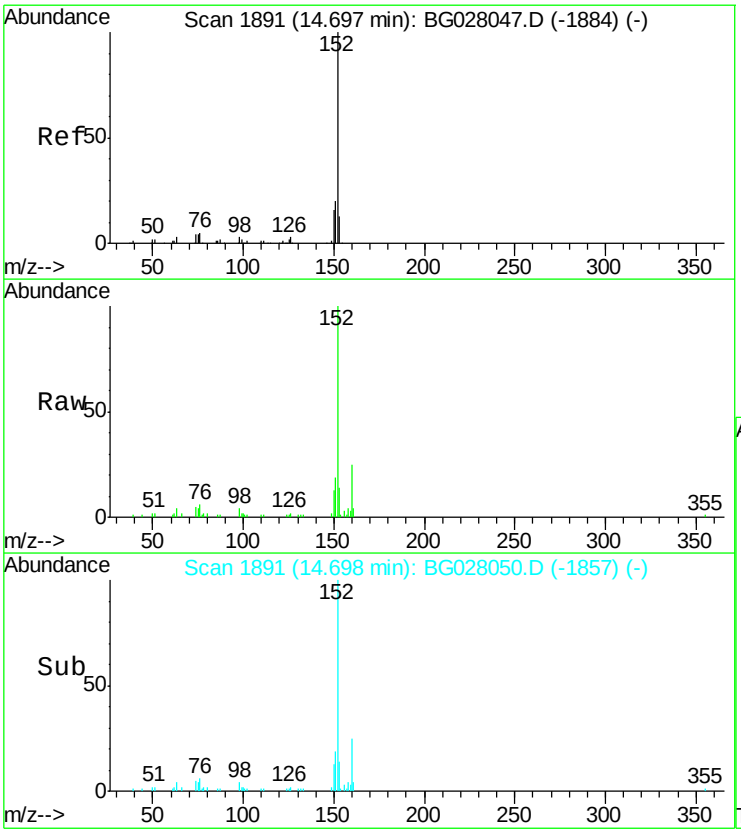
Tgt Ion:165 Resp: 6522

Ion	Ratio	Lower	Upper
165	100		
89	44.8	43.8	65.8
121	21.2	17.8	26.6



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

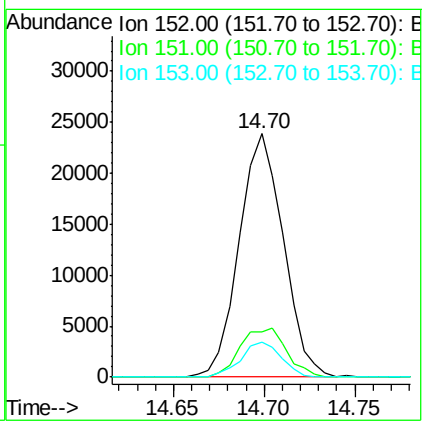
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

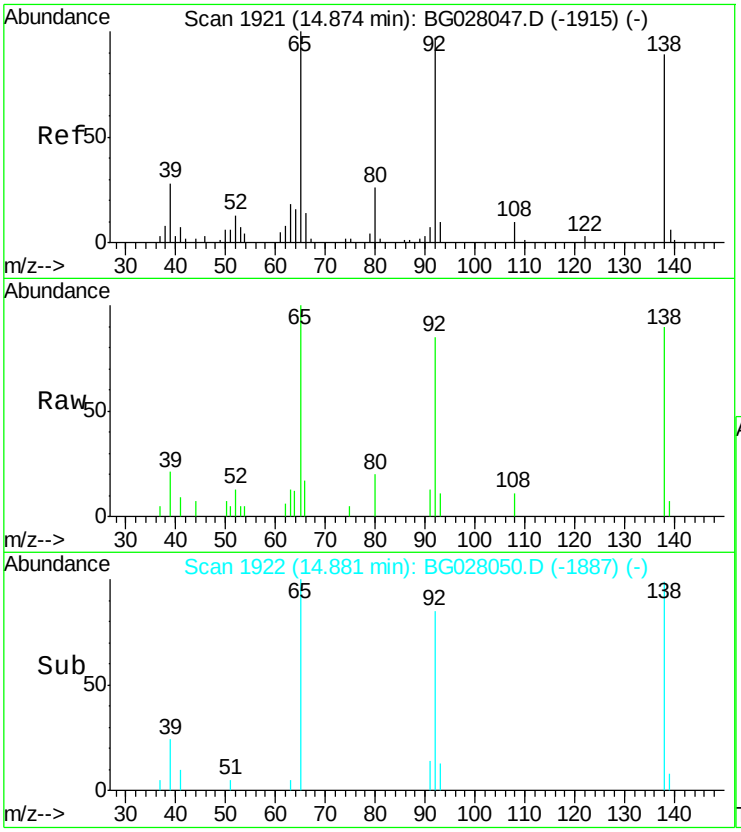


#48
Acenaphthylene
Concen: 3.786 ng/ul
RT: 14.70 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:152 Resp: 40340

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.1	24.1
153	14.2	10.8	16.2

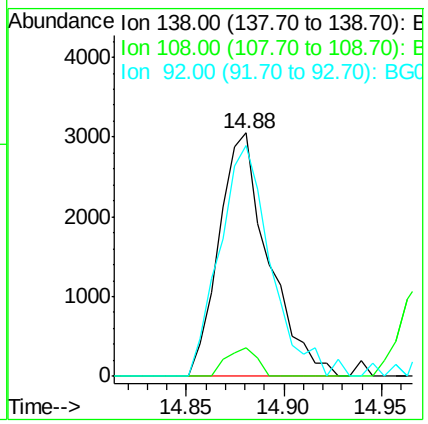




#49
3-Nitroaniline
Concen: 3.380 ng/ul
RT: 14.88 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

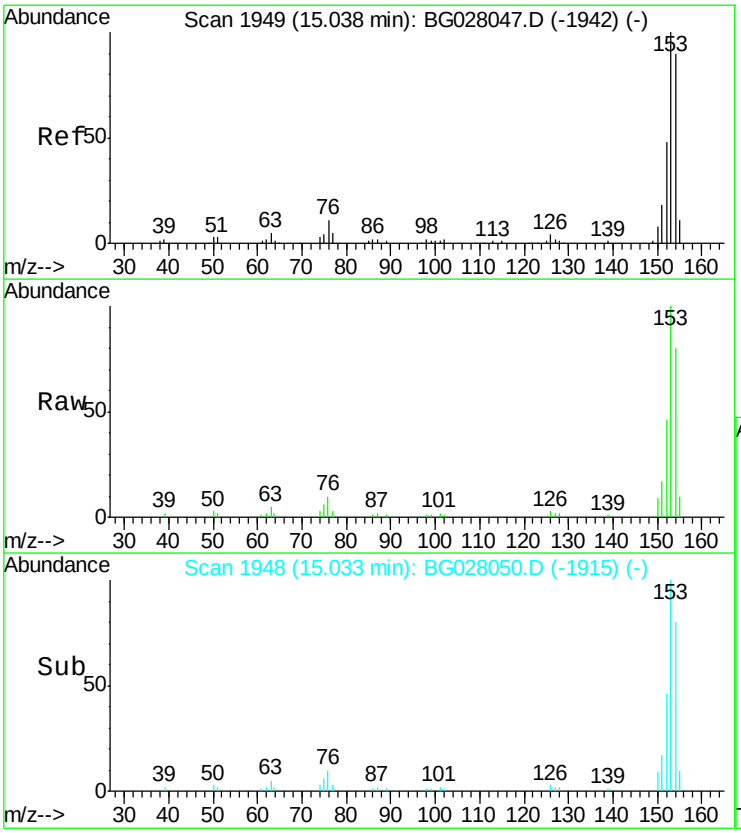
Tgt Ion:138 Resp: 5368

Ion	Ratio	Lower	Upper
138	100		
108	12.0	7.6	11.4#
92	94.7	94.2	141.2



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

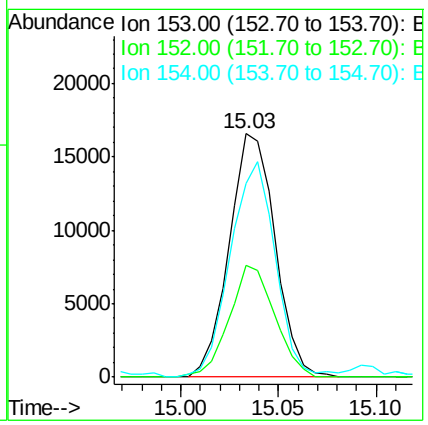
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

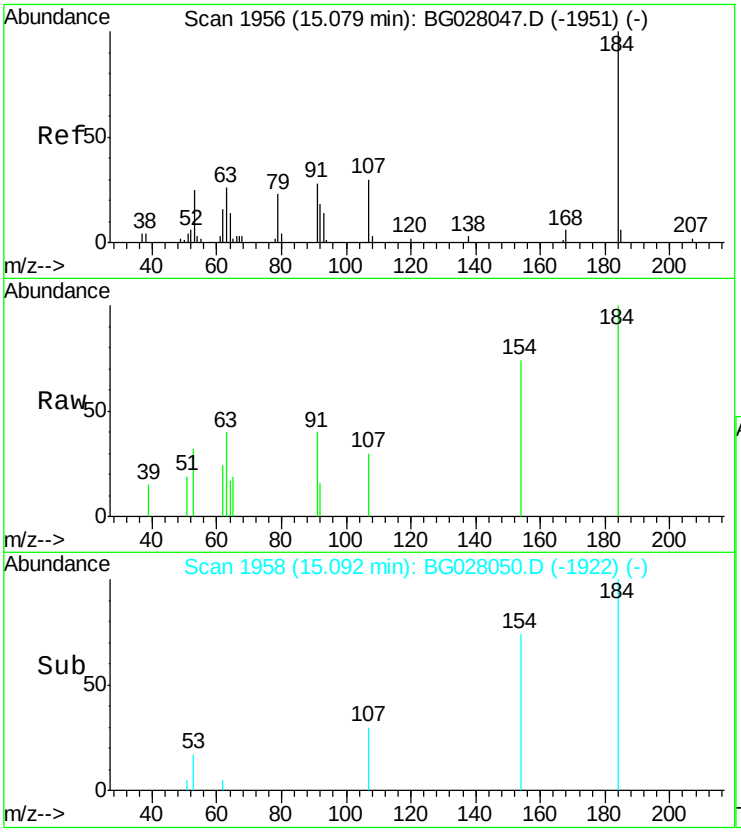


#50
Acenaphthene
Concen: 3.700 ng/ul
RT: 15.03 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:153 Resp: 26995

Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.9	56.9
154	79.8	69.8	104.6





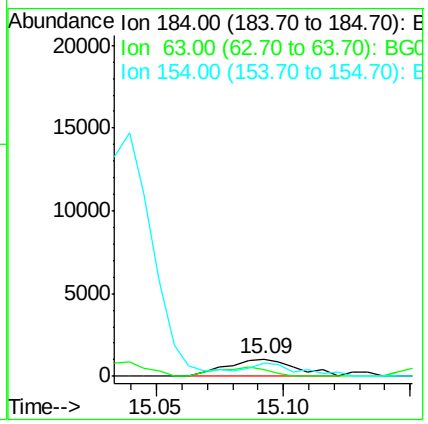
#51
2,4-Dinitrophenol
Concen: 1.573 ng/ul
RT: 15.09 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

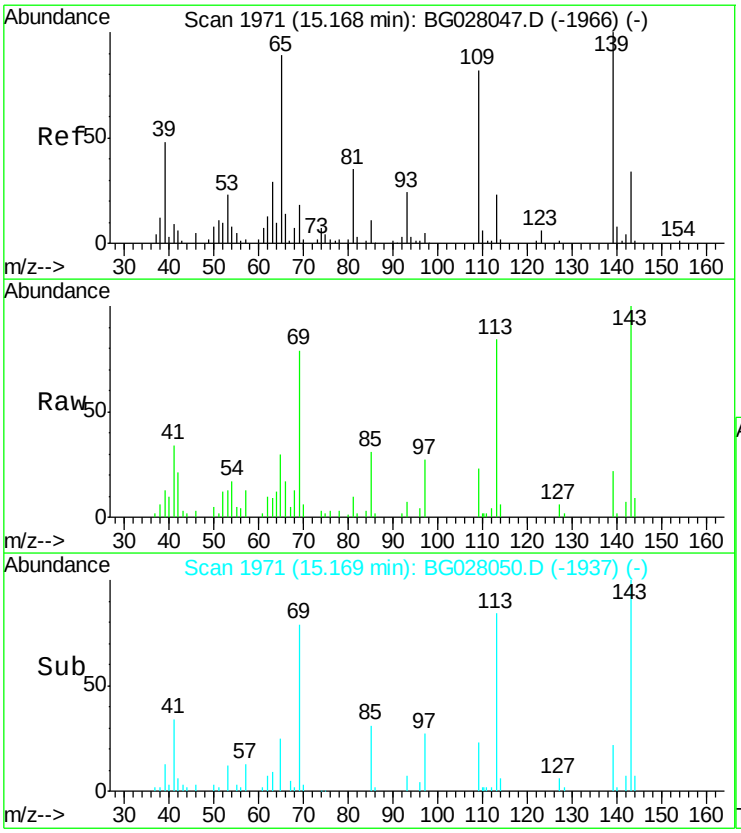
Tgt Ion:184 Resp: 1919

Ion	Ratio	Lower	Upper
184	100		
63	39.6	39.7	59.5#
154	73.7	45.0	67.6#

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

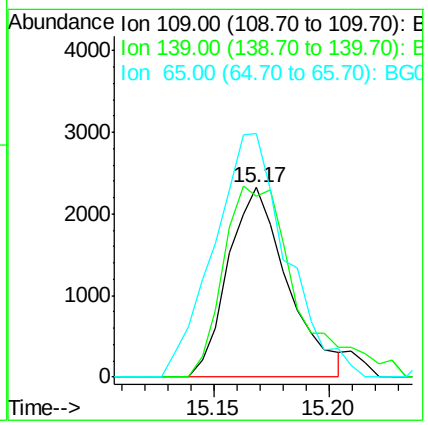


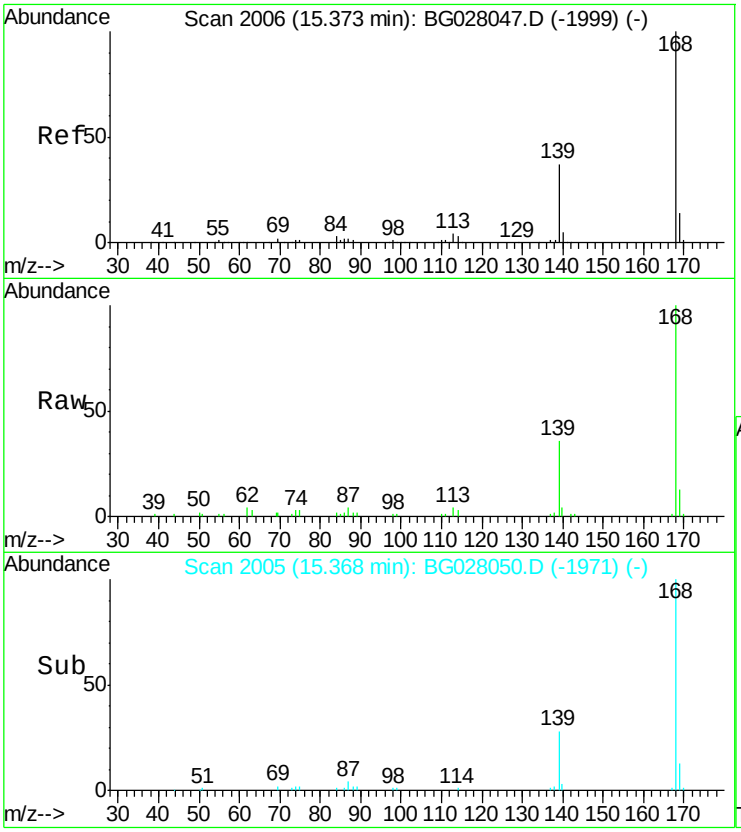


#53
4-Nitrophenol
Concen: 3.283 ng/ul
RT: 15.17 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:109 Resp: 4168

Ion	Ratio	Lower	Upper
109	100		
139	95.4	91.2	136.8
65	128.4	92.6	139.0

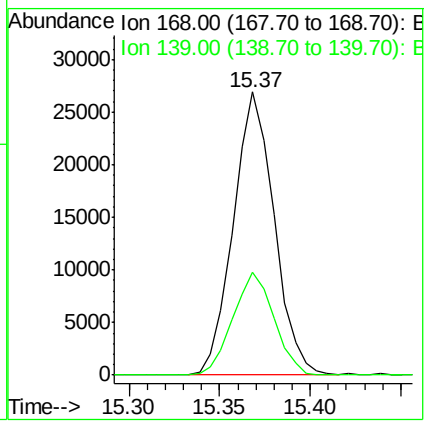




#54
Dibenzofuran
Concen: 3.802 ng/ul
RT: 15.37 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

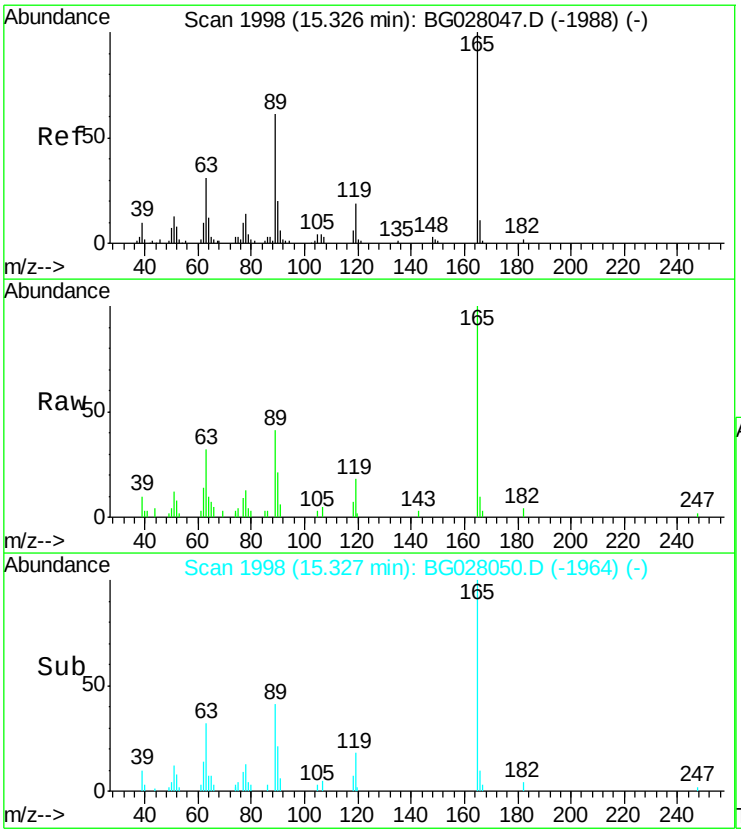
Tgt Ion:168 Resp: 42171

Ion	Ratio	Lower	Upper
168	100		
139	36.5	31.0	46.4



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

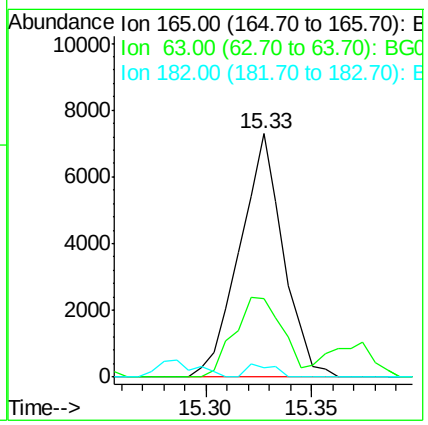
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

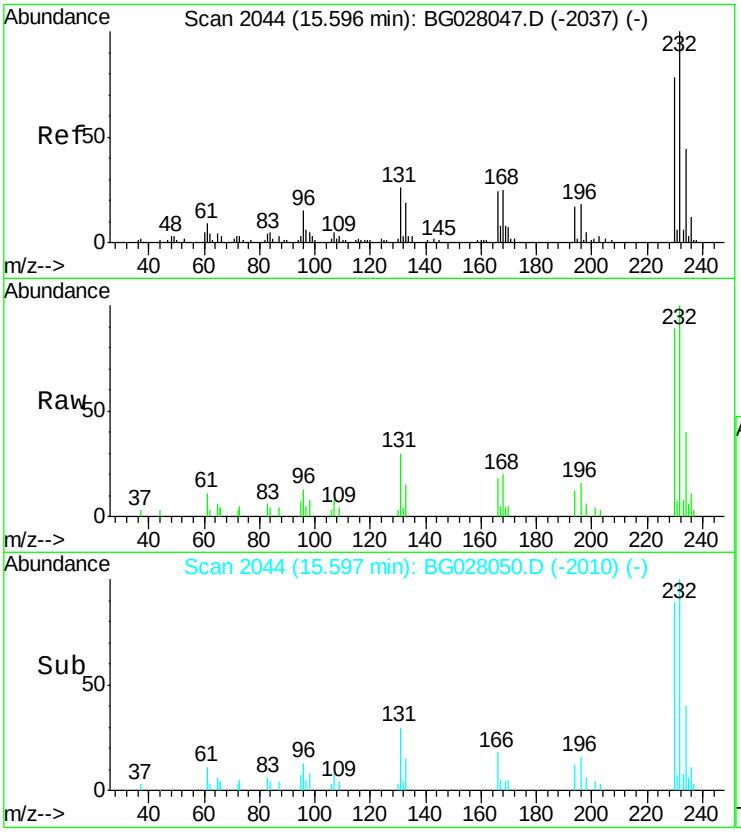


#55
2,4-Dinitrotoluene
Concen: 3.641 ng/ul
RT: 15.33 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:165 Resp: 10393

Ion	Ratio	Lower	Upper
165	100		
63	32.5	31.4	47.0
182	4.0	2.7	4.1

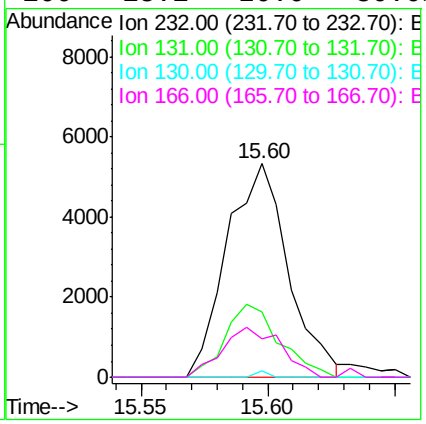




#56
2,3,4,6-Tetrachlorophenol
Concen: 3.000 ng/ul
RT: 15.60 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

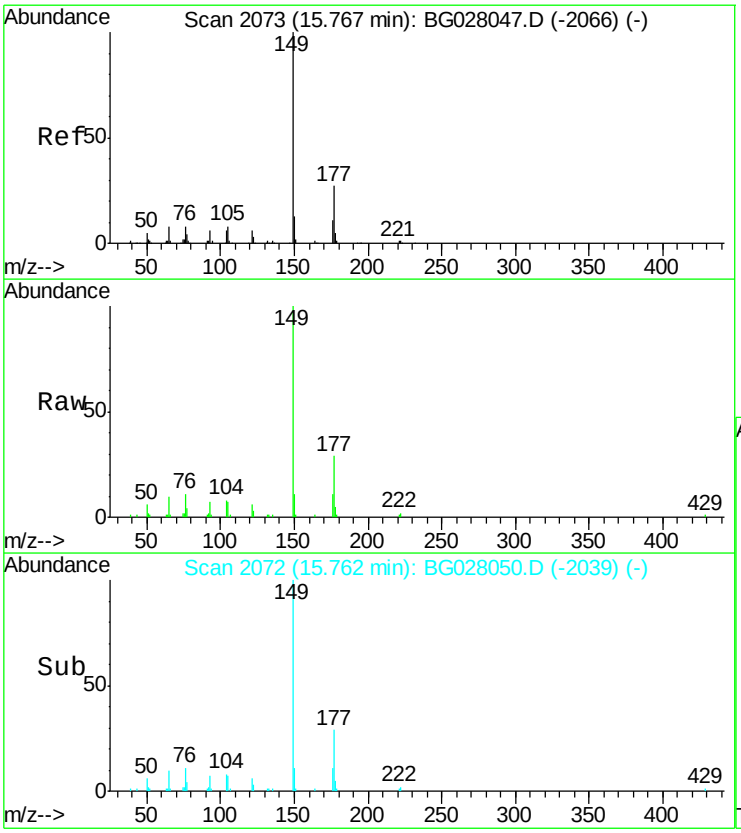
Tgt Ion:232 Resp: 8961

Ion	Ratio	Lower	Upper
232	100		
131	30.3	27.1	40.7
130	3.2	0.0	0.0#
166	18.1	20.0	30.0#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

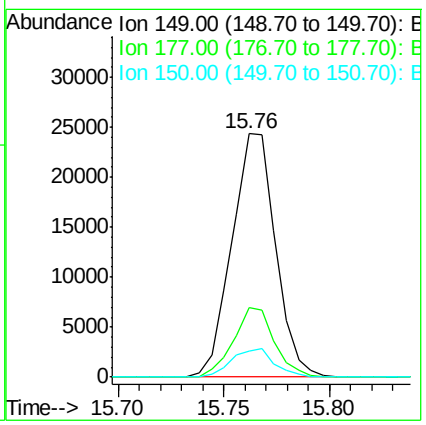
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

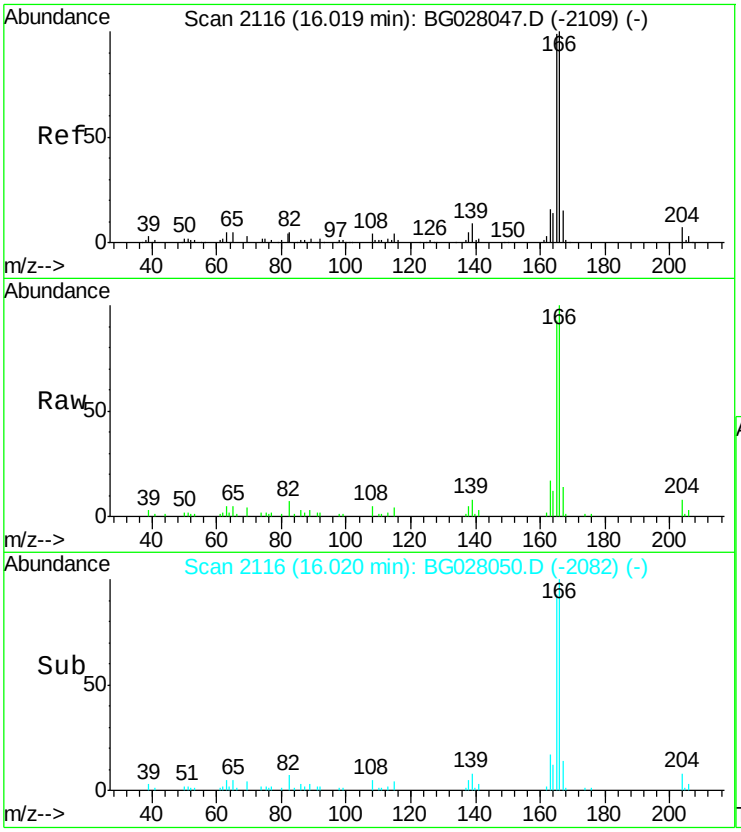


#57
Diethylphthalate
Concen: 3.506 ng/ul
RT: 15.76 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:149 Resp: 35045

Ion	Ratio	Lower	Upper
149	100		
177	28.6	19.3	28.9
150	10.9	10.6	15.8

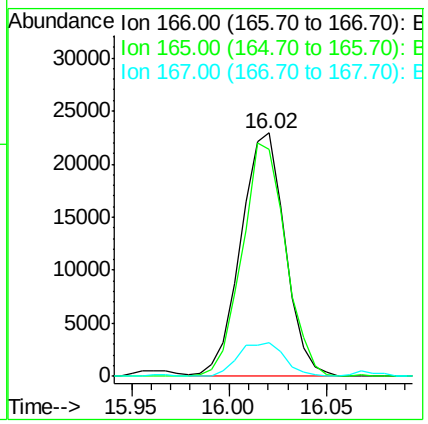




#59
Fluorene
Concen: 3.745 ng/ul
RT: 16.02 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

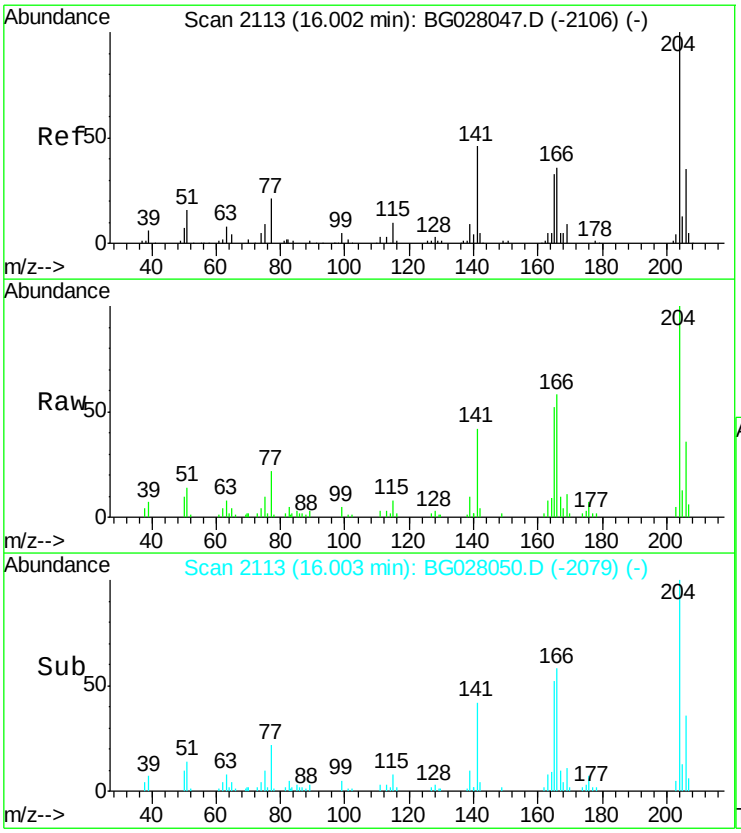
Tgt Ion:166 Resp: 36046

Ion	Ratio	Lower	Upper
166	100		
165	93.0	78.4	117.6
167	13.9	11.1	16.7



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

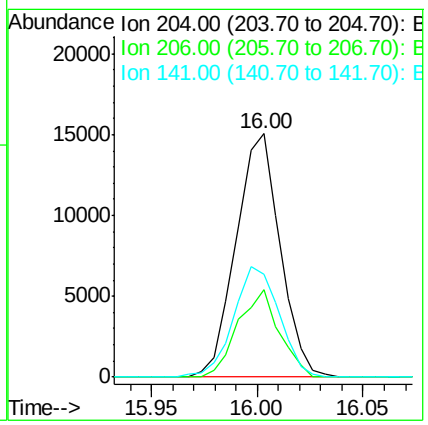
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

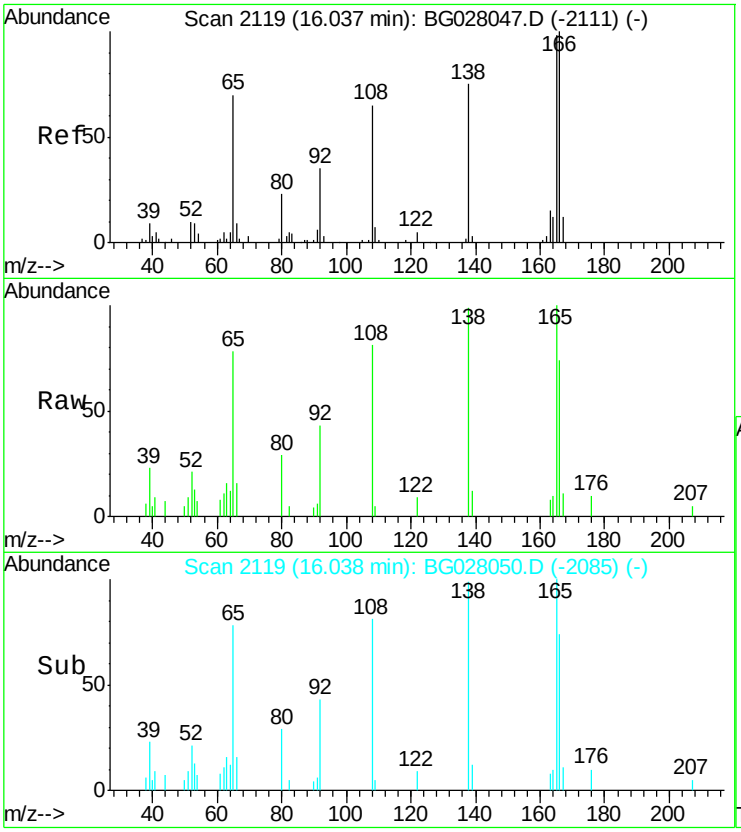


#60
4-Chlorophenyl-phenylether
Concen: 3.797 ng/ul
RT: 16.00 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:204 Resp: 21830

Ion	Ratio	Lower	Upper
204	100		
206	36.2	26.6	40.0
141	42.1	40.7	61.1

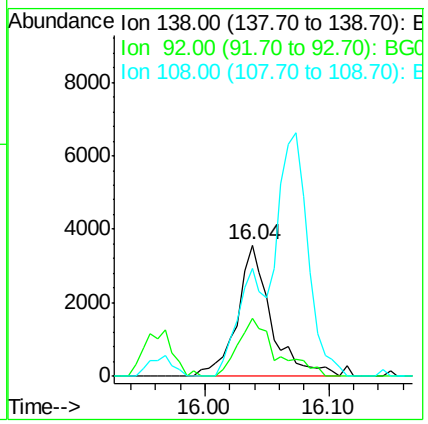




#61
4-Nitroaniline
Concen: 3.589 ng/ul m
RT: 16.04 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

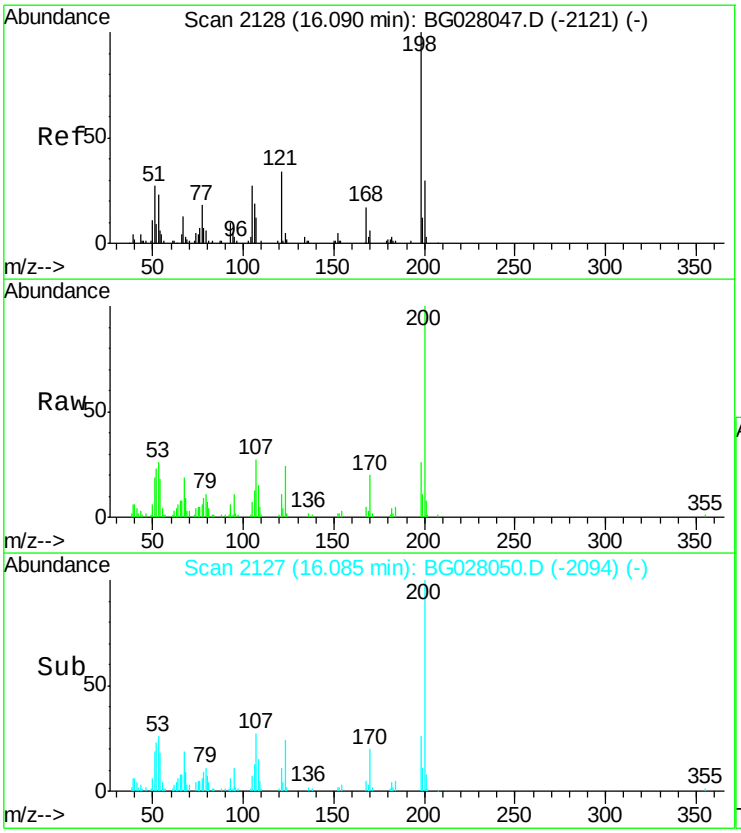
Tgt Ion:138 Resp: 6771

Ion	Ratio	Lower	Upper
138	100		
92	43.9	38.2	57.4
108	81.7	70.0	105.0



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

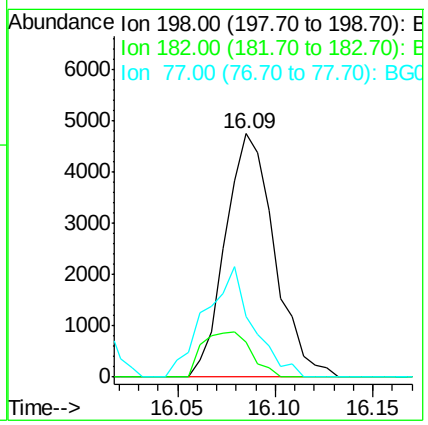
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

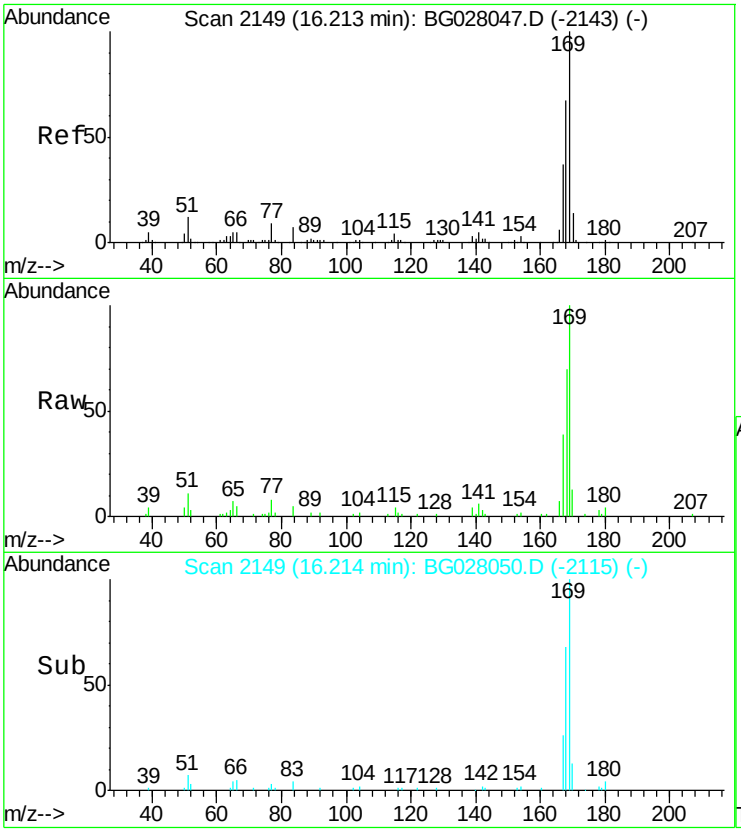


#64
4,6-Dinitro-2-methylphenol
Concen: 3.601 ng/ul
RT: 16.09 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:198 Resp: 8268

Ion	Ratio	Lower	Upper
198	100		
182	14.2	3.5	5.3#
77	24.9	18.2	27.4

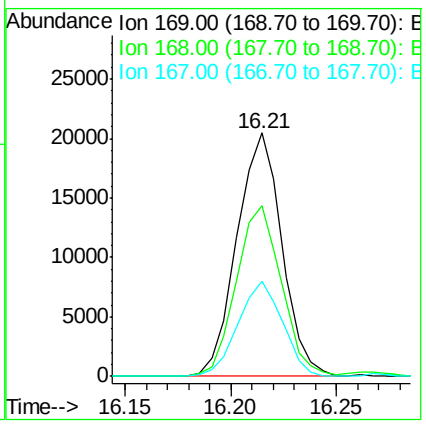




#65
N-Nitrosodiphenylamine
Concen: 3.568 ng/ul
RT: 16.21 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

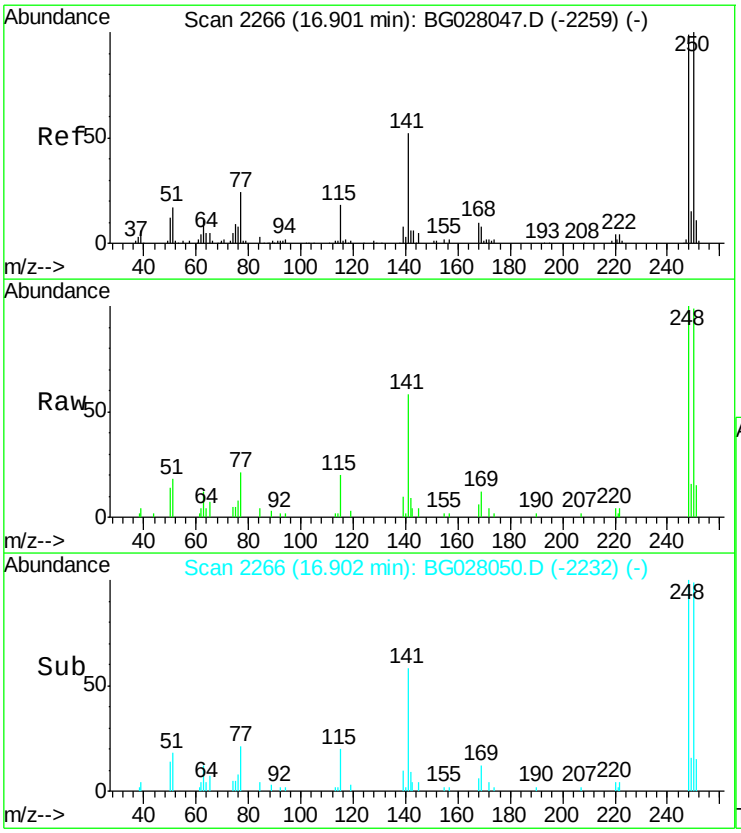
Tgt Ion:169 Resp: 30307

Ion	Ratio	Lower	Upper
169	100		
168	69.9	53.8	80.8
167	39.2	29.5	44.3



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

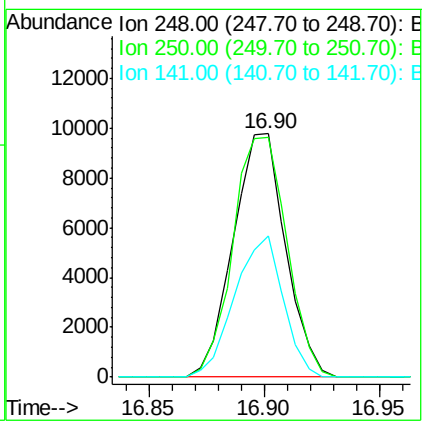
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

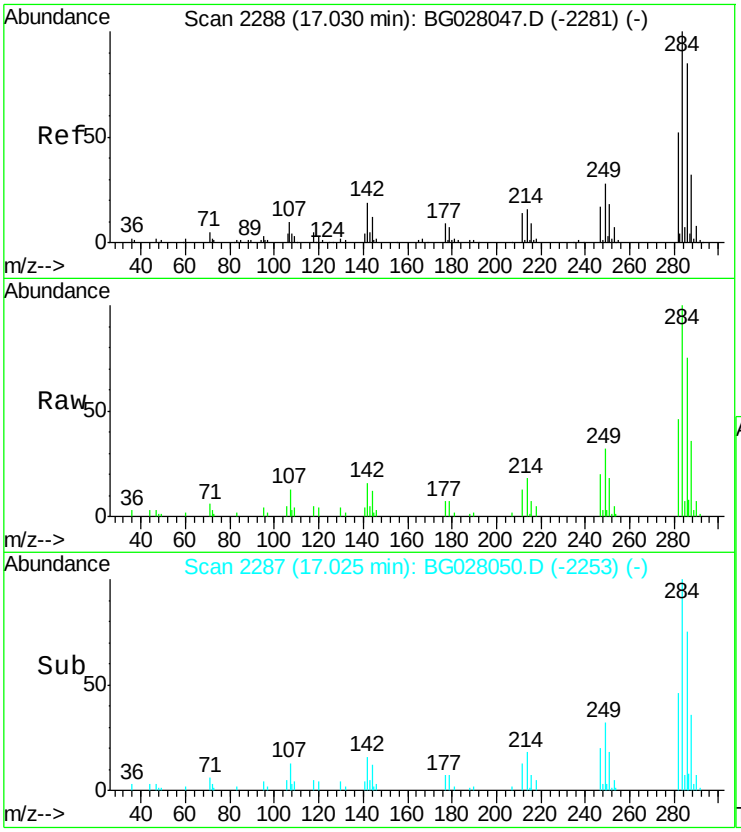


#66
4-Bromophenyl-phenylether
Concen: 3.569 ng/ul
RT: 16.90 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:248 Resp: 15443

Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.0	118.4
141	58.2	51.9	77.9

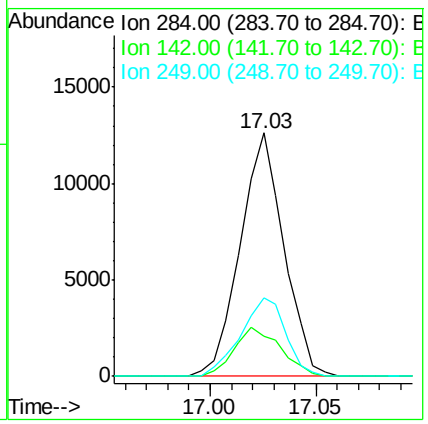




#67
Hexachlorobenzene
Concen: 3.679 ng/ul
RT: 17.03 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

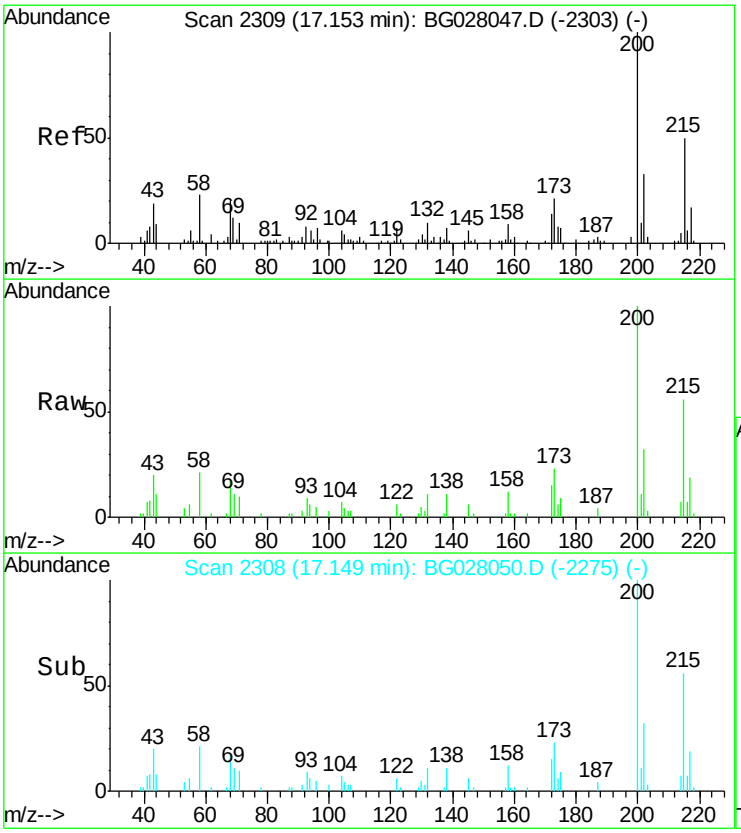
Tgt Ion:284 Resp: 18105

Ion	Ratio	Lower	Upper
284	100		
142	16.4	21.3	31.9#
249	32.0	26.3	39.5



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

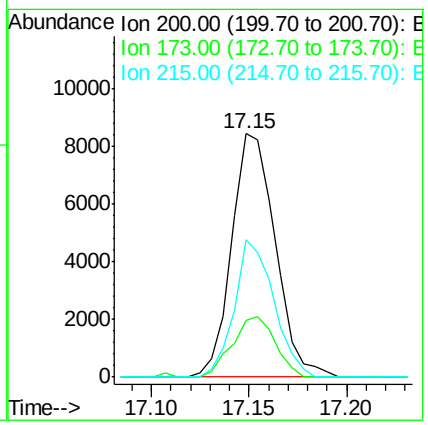
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

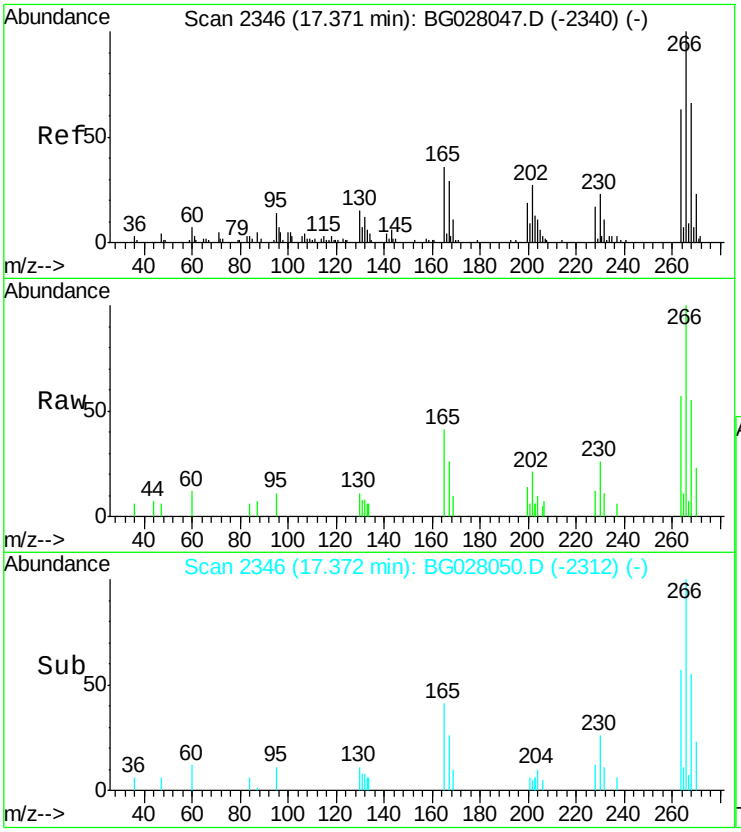


#68
Atrazine
Concen: 3.233 ng/ul
RT: 17.15 min Scan# 2308
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:200 Resp: 13104

Ion	Ratio	Lower	Upper
200	100		
173	23.1	20.6	31.0
215	56.3	39.8	59.6

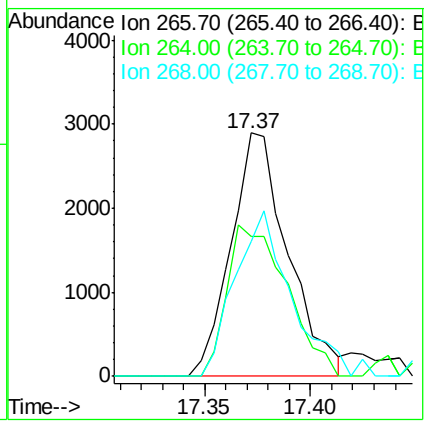




#69
Pentachlorophenol
Concen: 2.109 ng/ul
RT: 17.37 min Scan# 2346
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

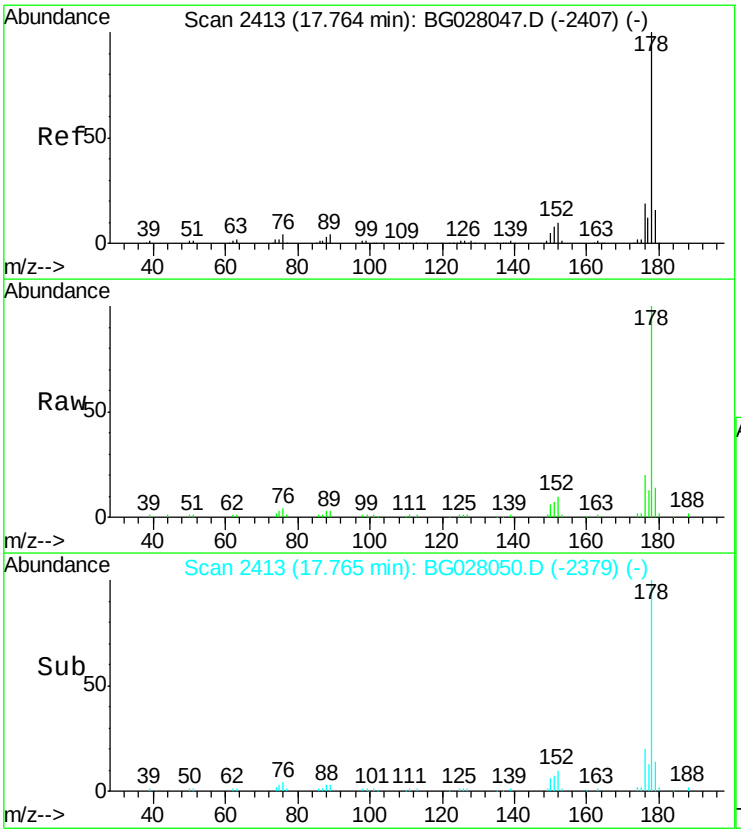
Tgt Ion:266 Resp: 5419

Ion	Ratio	Lower	Upper
266	100		
264	57.4	48.2	72.4
268	55.4	52.3	78.5



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

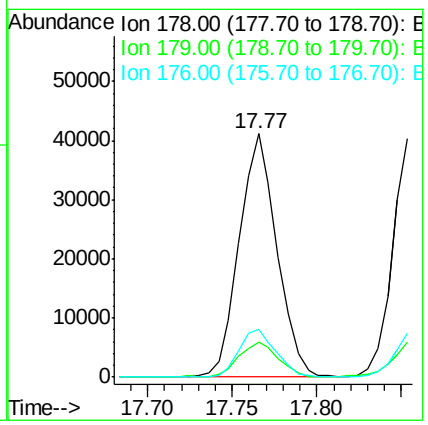
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

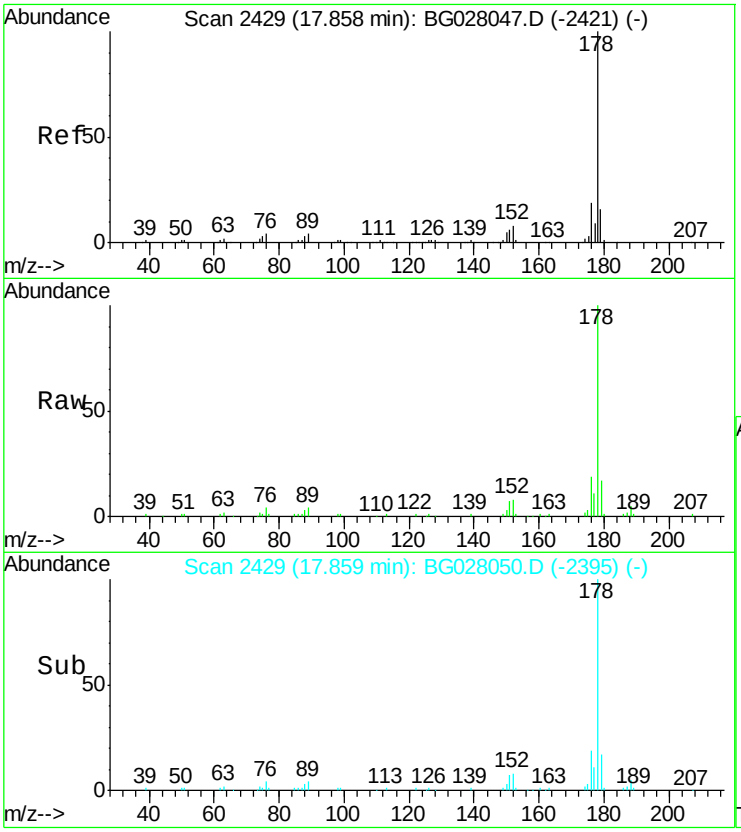


#70
Phenanthrene
Concen: 3.806 ng/ul
RT: 17.77 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:178 Resp: 63680

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	19.9	15.4	23.0

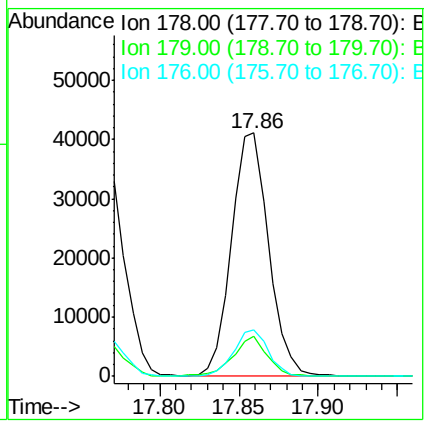




#72
Anthracene
Concen: 3.836 ng/ul
RT: 17.86 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

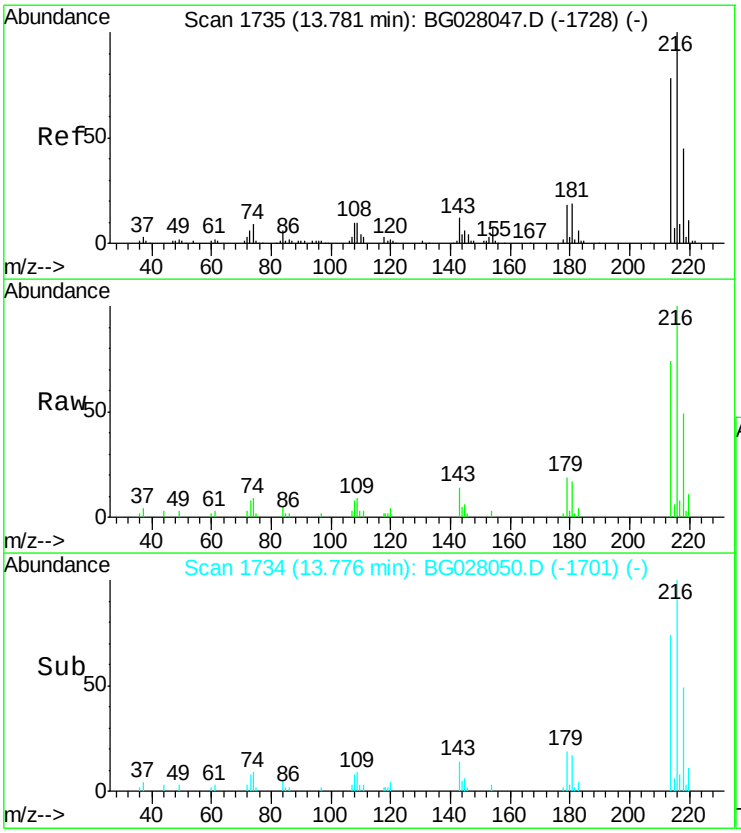
Tgt Ion:178 Resp: 66819

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.2
176	18.9	15.4	23.0



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

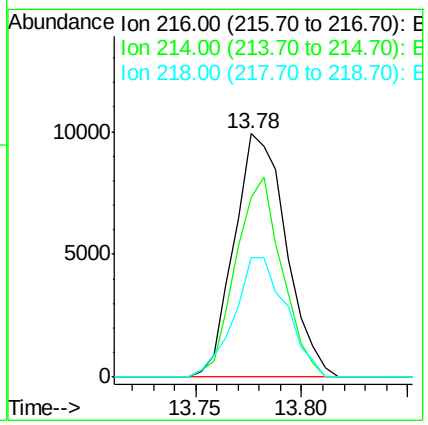
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

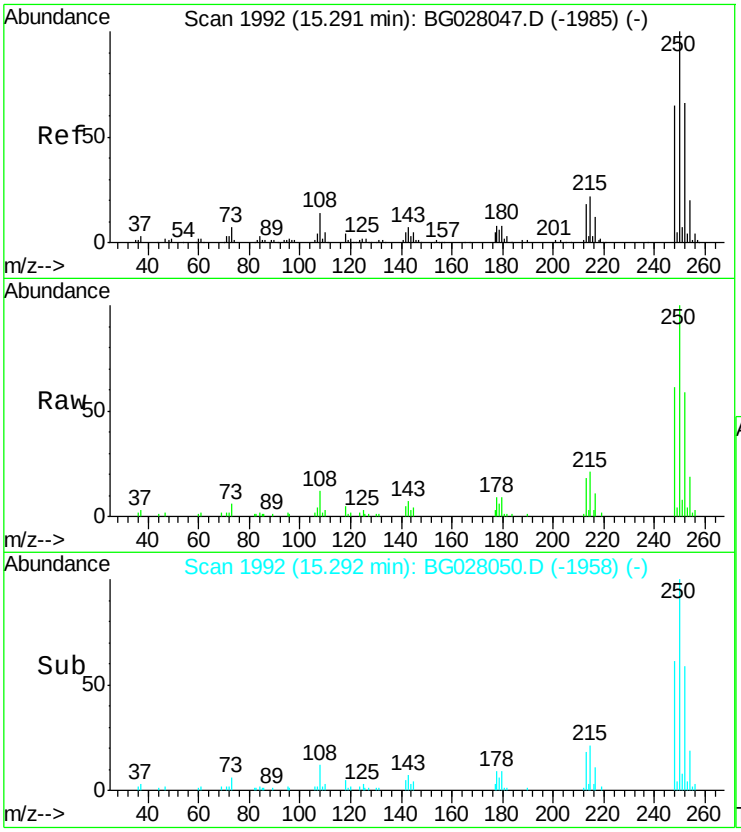


#73
1,2,3,4-Tetrachlorobenzene
Concen: 3.596 ng/uL
RT: 13.78 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:216 Resp: 16880

Ion	Ratio	Lower	Upper
216	100		
214	74.0	64.1	96.1
218	49.3	39.4	59.0

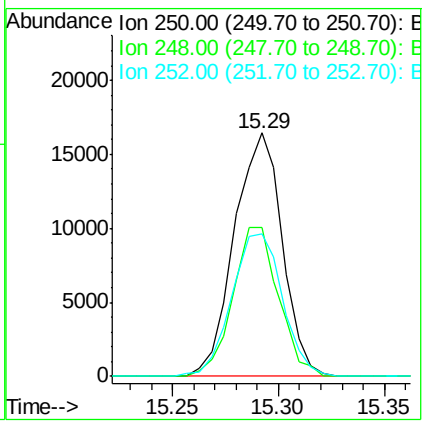




#74
Pentachlorobenzene
Concen: 3.706 ng/uL
RT: 15.29 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

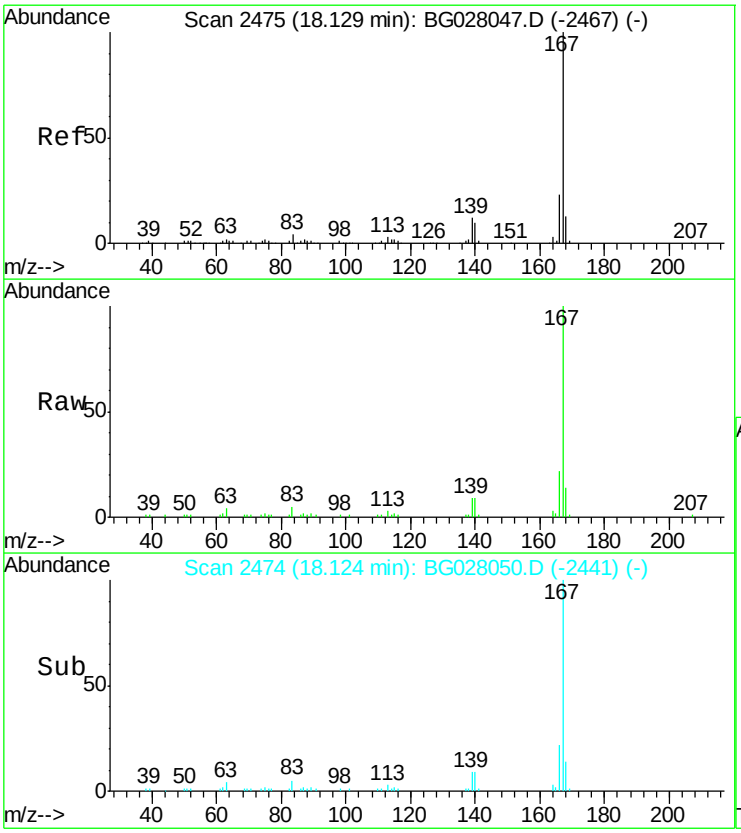
Tgt Ion:250 Resp: 25853

Ion	Ratio	Lower	Upper
250	100		
248	61.1	51.4	77.2
252	58.6	49.8	74.6



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

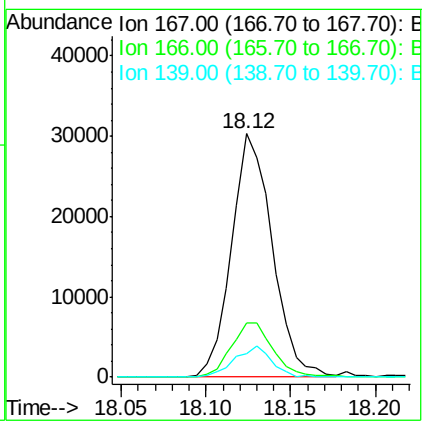
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

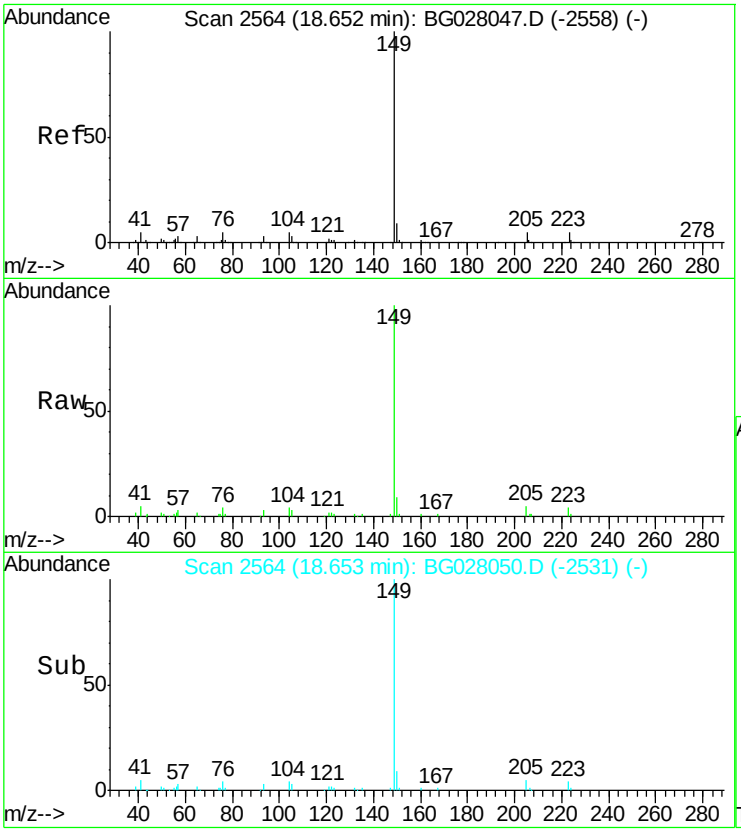


#75
Carbazole
Concen: 3.574 ng/ul
RT: 18.12 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:167 Resp: 50979

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.4
139	9.5	9.1	13.7

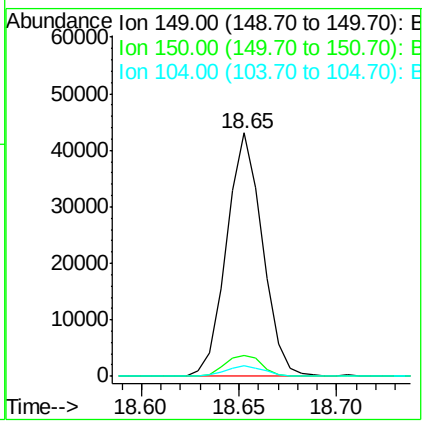




#76
Di-n-butylphthalate
Concen: 3.460 ng/ul
RT: 18.65 min Scan# 2564
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

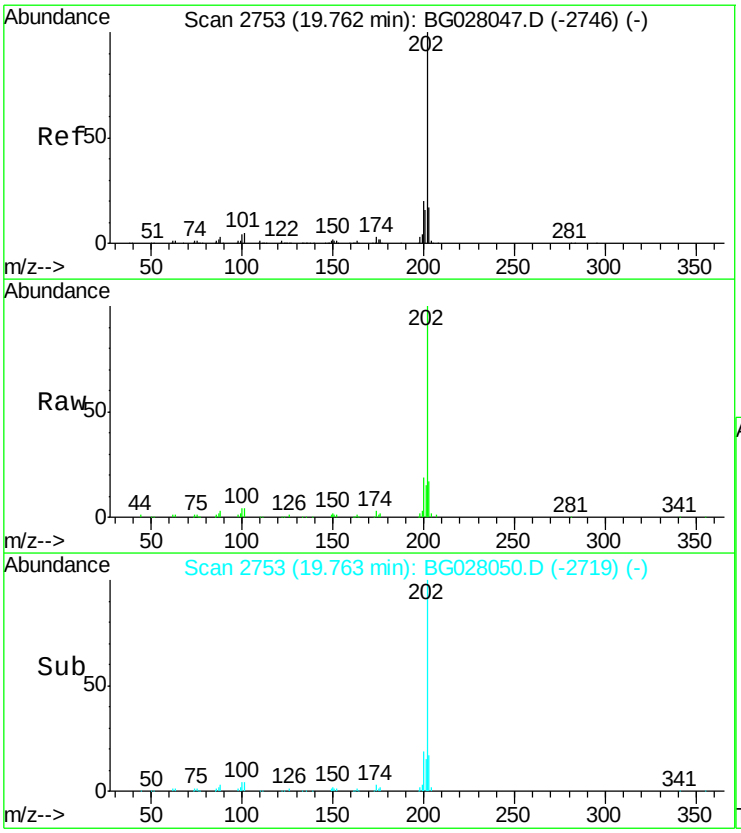
Tgt Ion:149 Resp: 54811

Ion	Ratio	Lower	Upper
149	100		
150	8.5	7.5	11.3
104	4.3	4.1	6.1



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

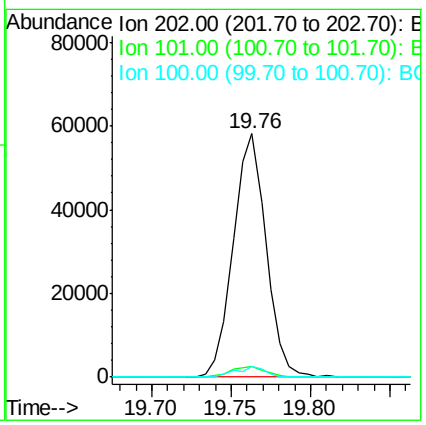
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

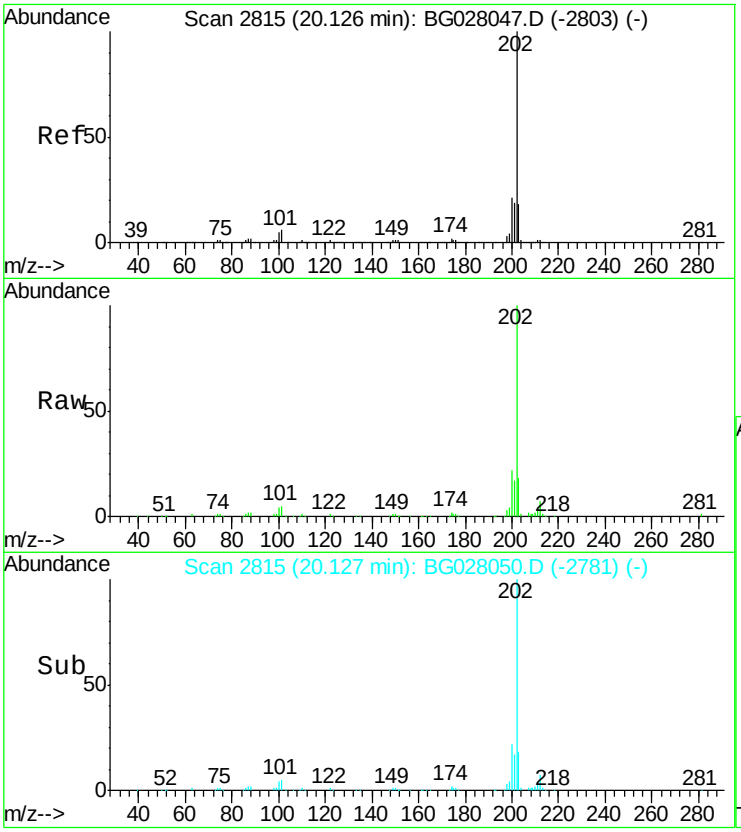


#77
Fluoranthene
Concen: 3.900 ng/ul
RT: 19.76 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:202 Resp: 83390

Ion	Ratio	Lower	Upper
202	100		
101	4.4	6.1	9.1#
100	4.1	4.6	7.0#

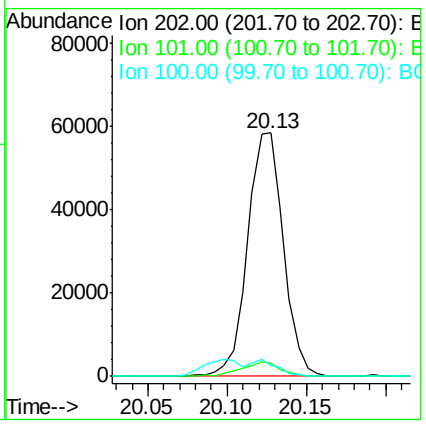




#80
Pyrene
Concen: 4.003 ng/ul
RT: 20.13 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

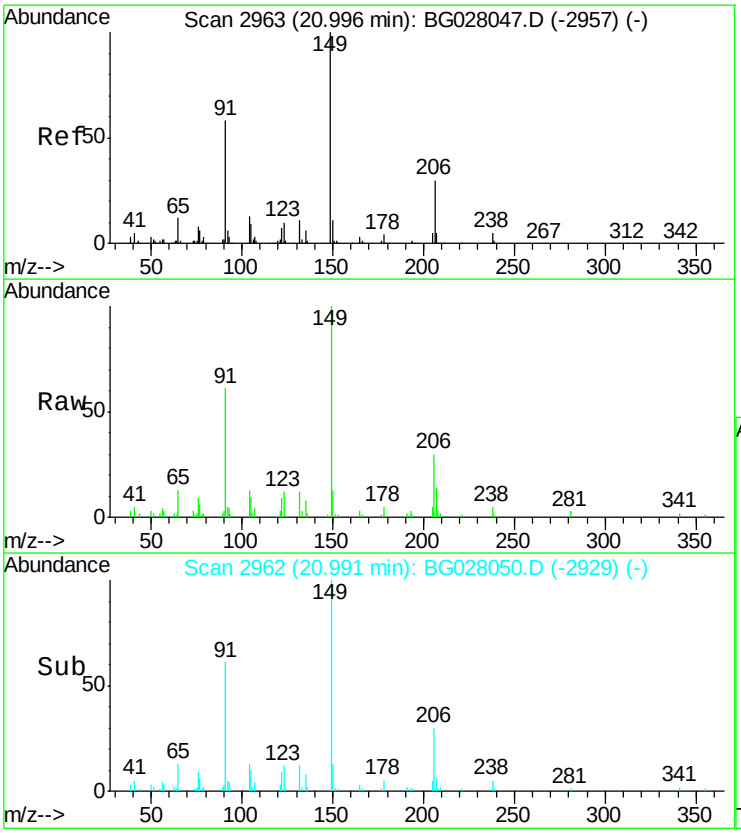
Tgt Ion:202 Resp: 91661

Ion	Ratio	Lower	Upper
202	100		
101	5.3	6.9	10.3#
100	4.5	5.6	8.4#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

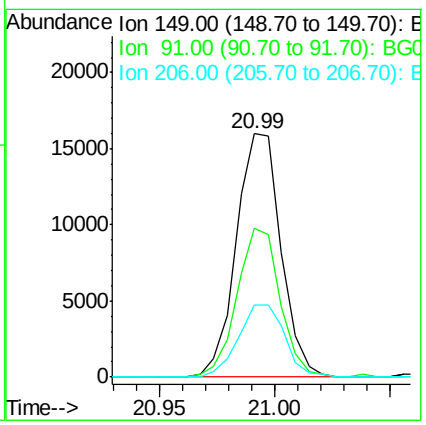
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

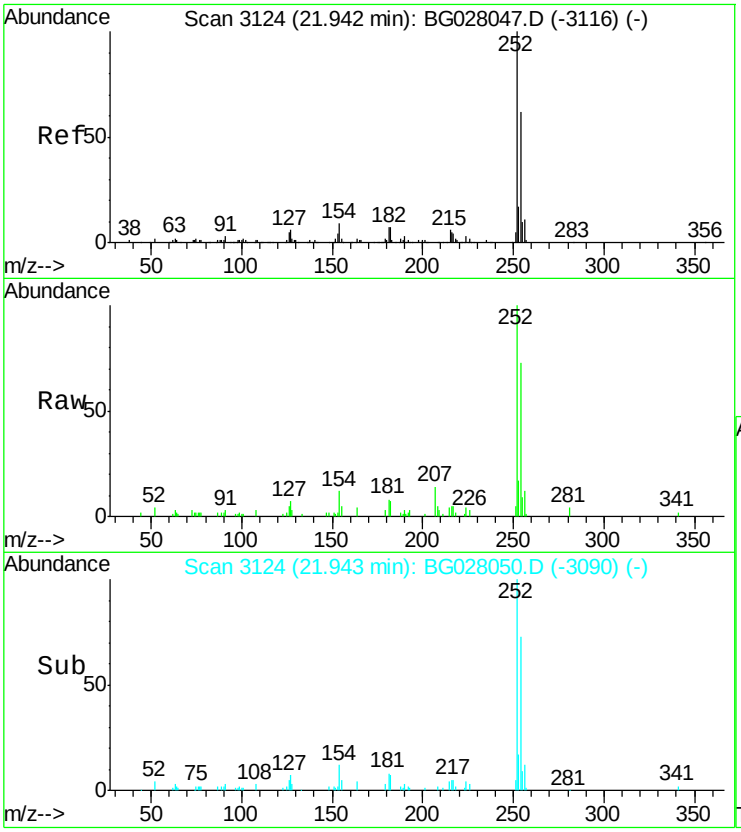


#81
Butylbenzylphthalate
Concen: 3.160 ng/ul
RT: 20.99 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:149 Resp: 21507

Ion	Ratio	Lower	Upper
149	100		
91	61.3	53.4	80.0
206	29.6	19.3	28.9#





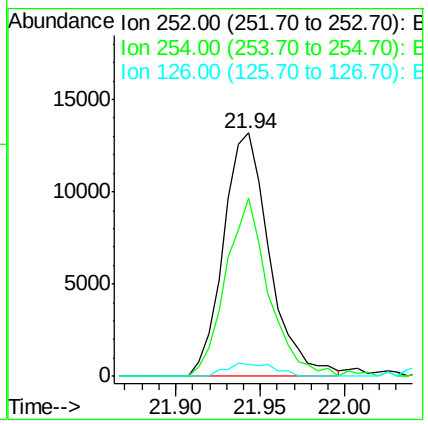
#82
3,3'-Dichlorobenzidine
Concen: 3.099 ng/ul
RT: 21.94 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

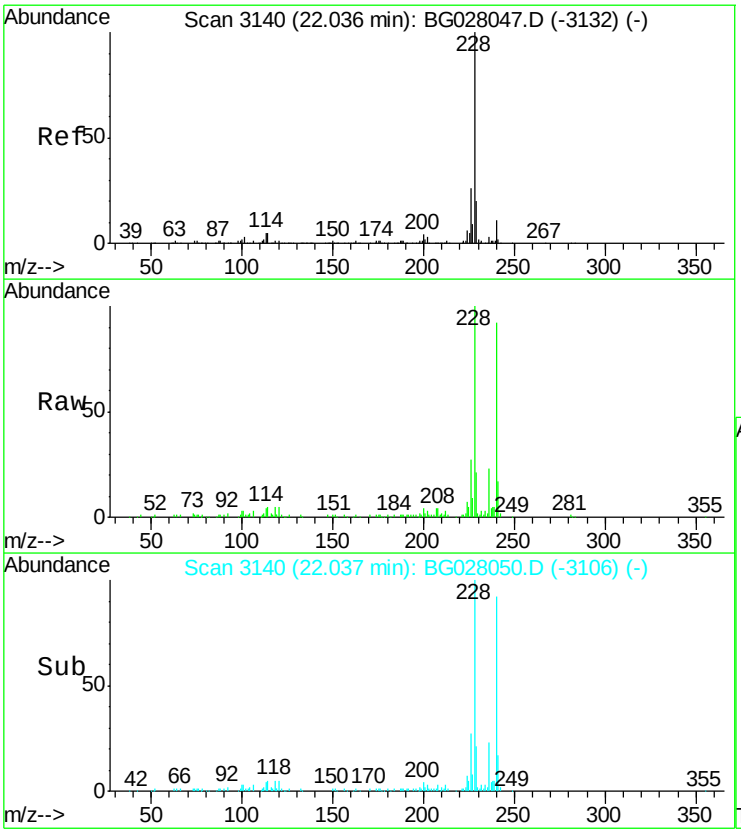
Tgt Ion:252 Resp: 25012

Ion	Ratio	Lower	Upper
252	100		
254	73.0	52.8	79.2
126	5.0	6.9	10.3#

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

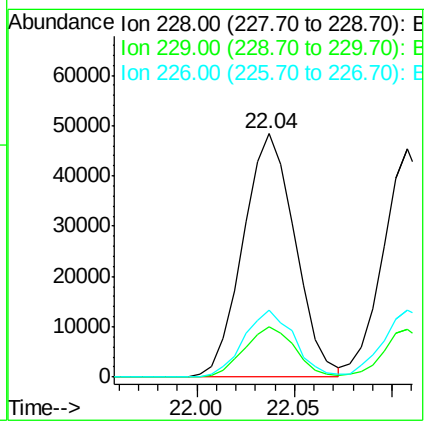


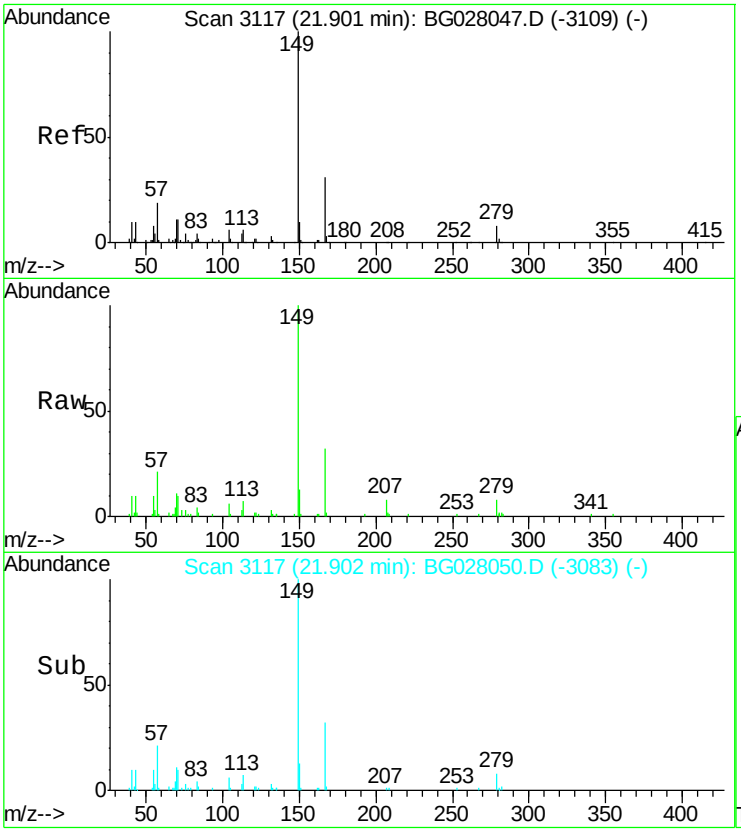


#83
Benzo(a)anthracene
Concen: 3.805 ng/ul
RT: 22.04 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:228 Resp: 89176

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.0	24.0
226	27.5	21.8	32.8





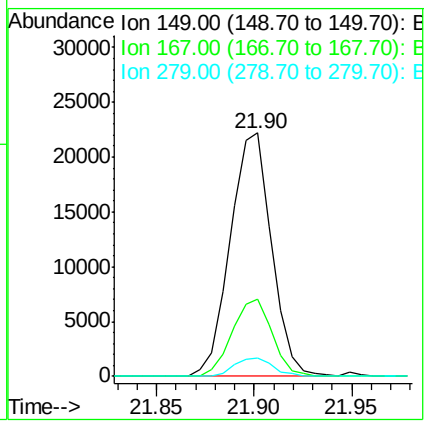
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.262 ng/ul
RT: 21.90 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

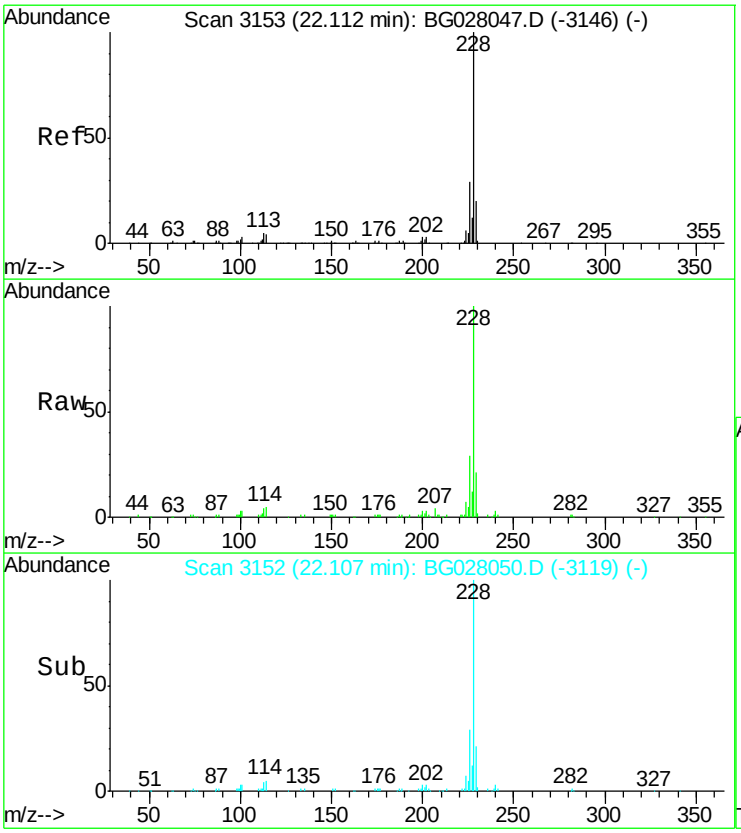
Tgt Ion:149 Resp: 32477

Ion	Ratio	Lower	Upper
149	100		
167	31.5	23.0	34.6
279	7.6	4.3	6.5#

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

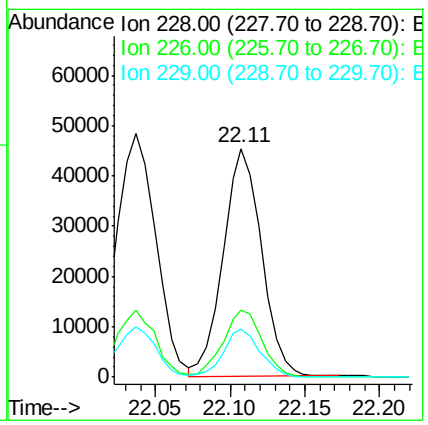


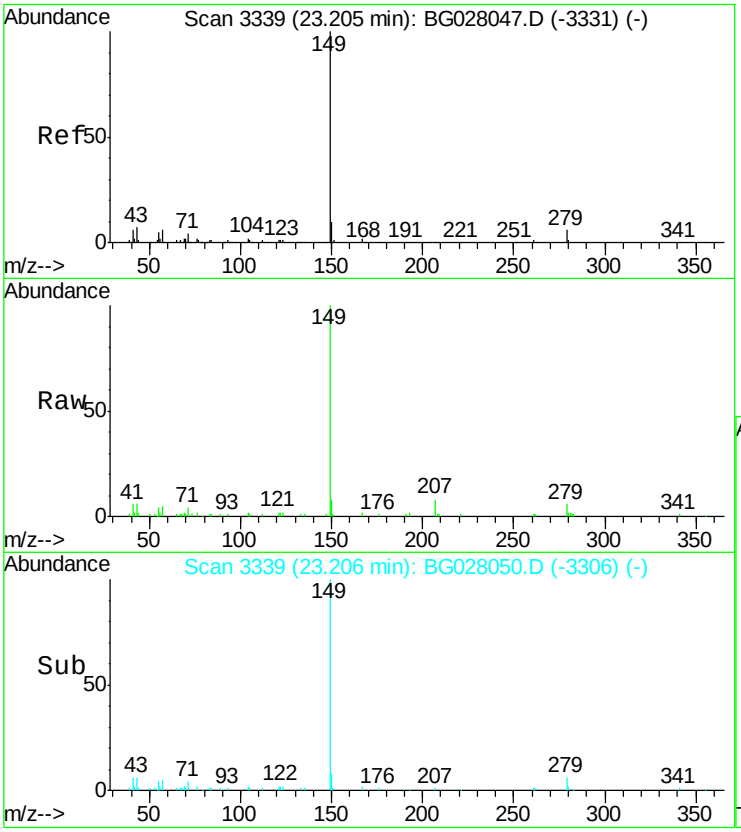


#85
Chrysene
Concen: 3.791 ng/ul
RT: 22.11 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:228 Resp: 81264

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.1	36.1
229	21.2	16.0	24.0



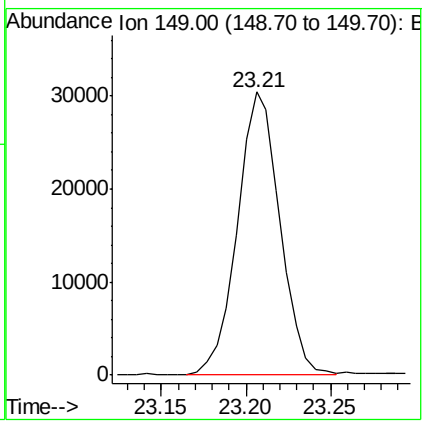


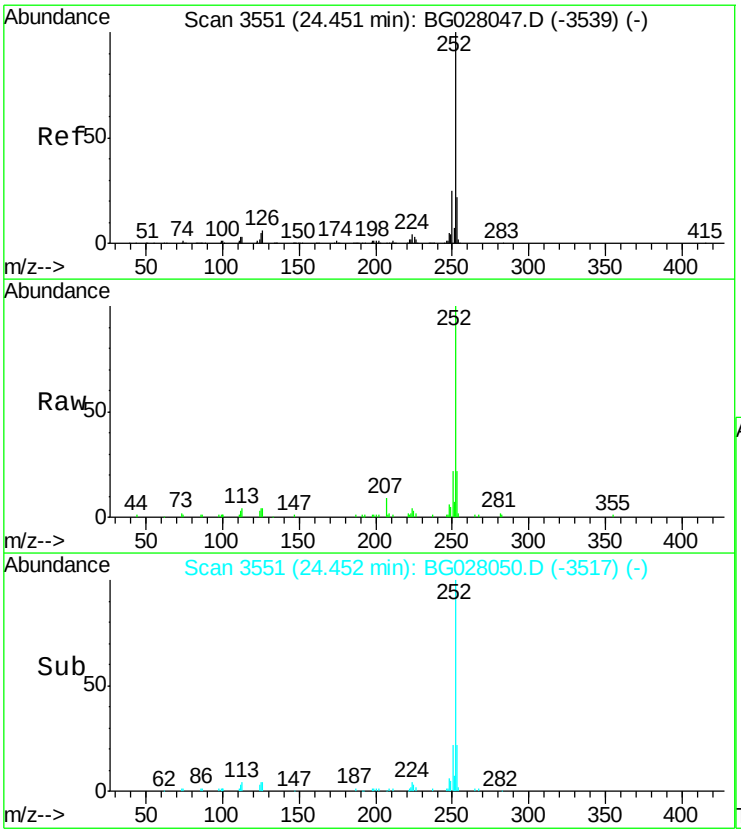
#87
Di-n-octyl phthalate
Concen: 3.048 ng/ul
RT: 23.21 min Scan# 3339
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:149 Resp: 53138

Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

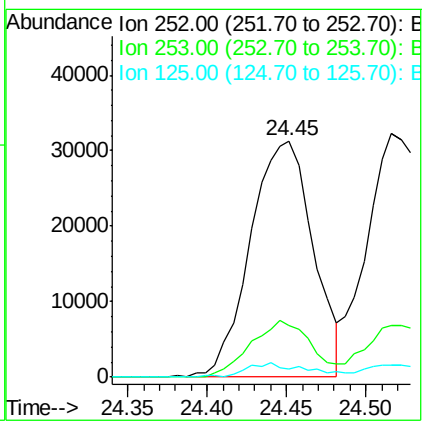


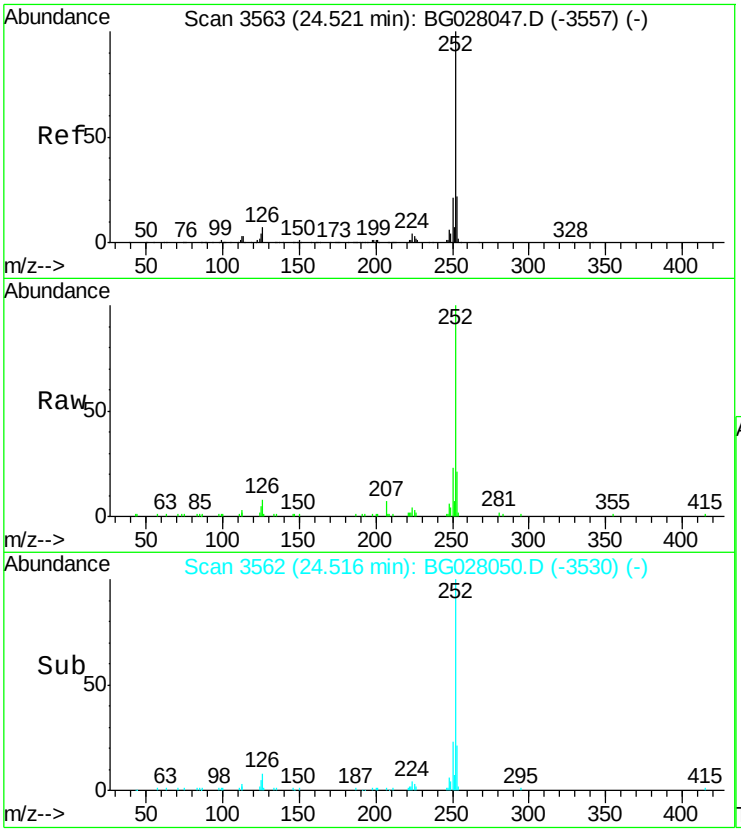


#88
Benzo(b)fluoranthene
Concen: 3.492 ng/ul
RT: 24.45 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:252 Resp: 85981

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	3.7	4.9	7.3#

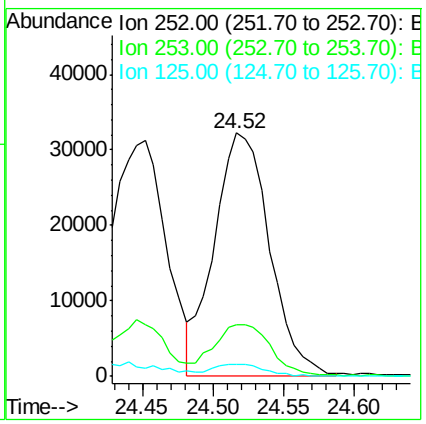




#89
Benzo(k)fluoranthene
Concen: 3.677 ng/ul
RT: 24.52 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

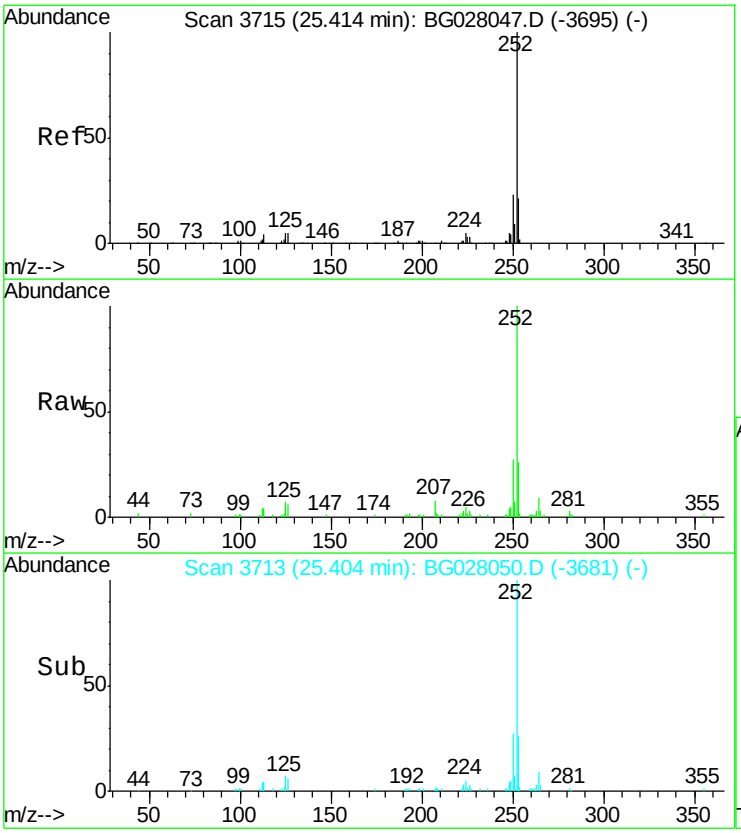
Tgt Ion:252 Resp: 88246

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	4.8	5.4	8.0#



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

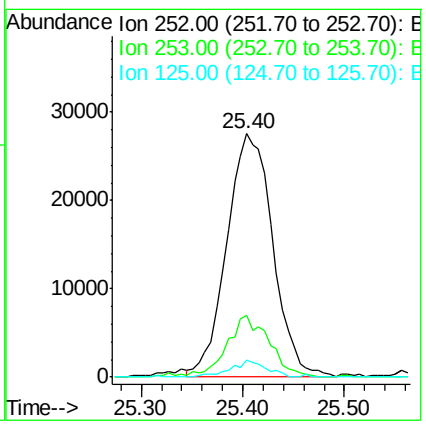
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

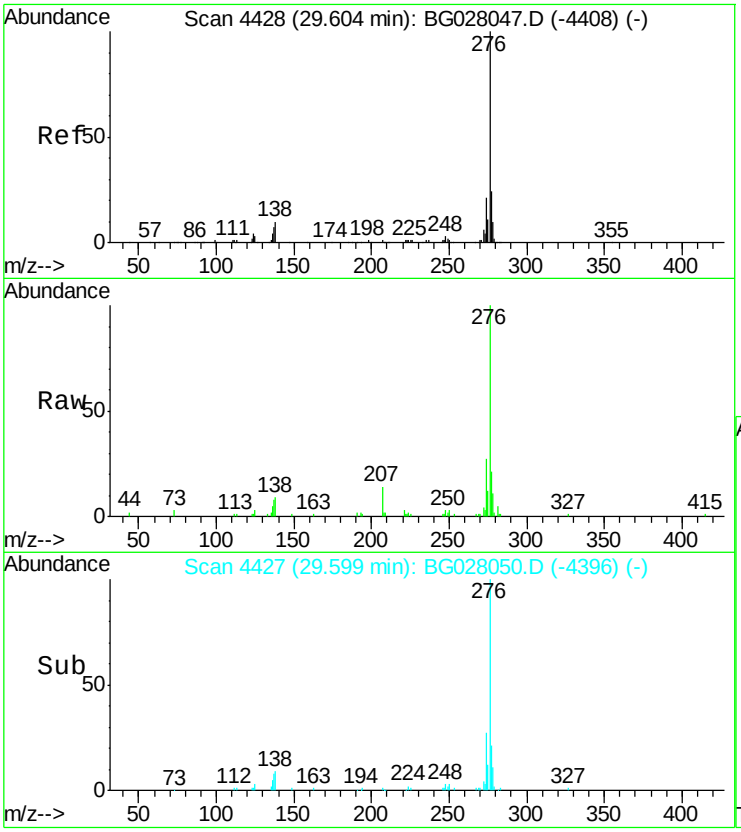


#91
Benzo(a)pyrene
Concen: 3.664 ng/ul
RT: 25.40 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:252 Resp: 86790

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.2	25.8
125	7.1	5.8	8.6

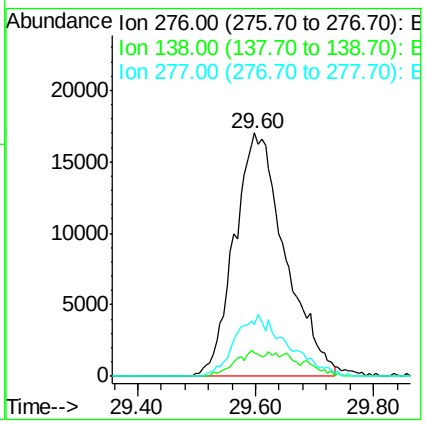




#92
Indeno(1,2,3-cd)pyrene
Concen: 3.541 ng/ul m
RT: 29.60 min Scan# 4427
Delta R.T. -0.02 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

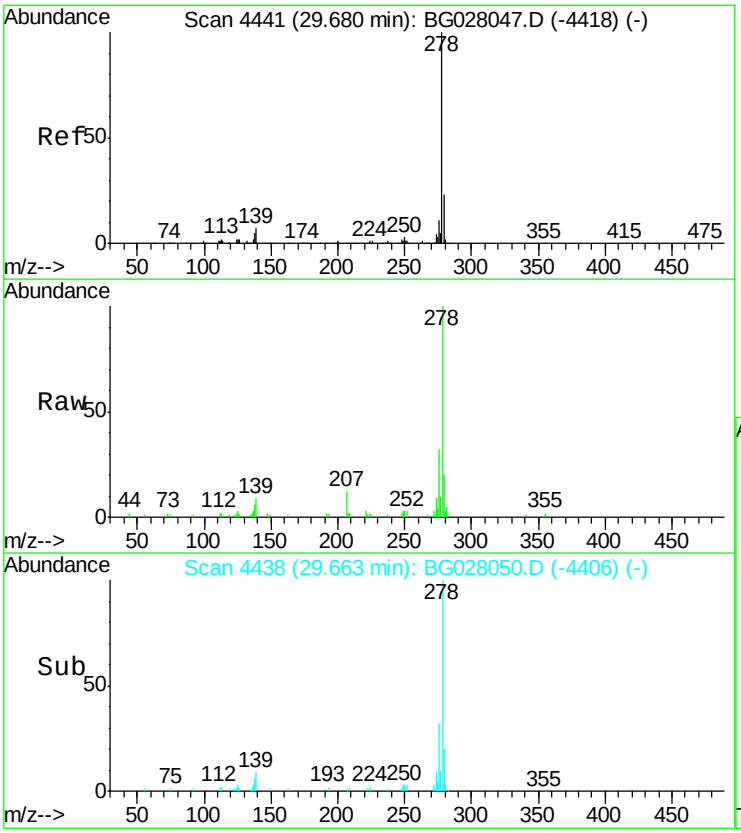
Tgt Ion:276 Resp: 101809

Ion	Ratio	Lower	Upper
276	100		
138	9.4	10.9	16.3#
277	21.3	18.9	28.3



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

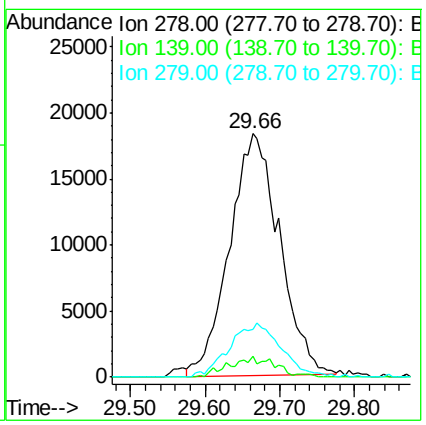
Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM

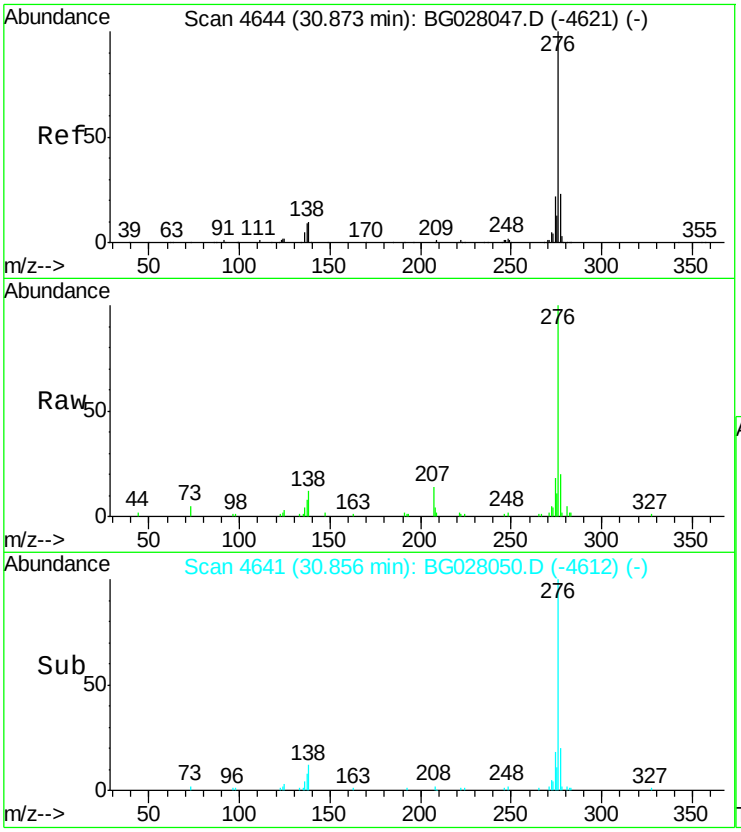


#93
Dibenzo(a,h)anthracene
Concen: 3.452 ng/ul
RT: 29.66 min Scan# 4438
Delta R.T. -0.01 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:278 Resp: 85118

Ion	Ratio	Lower	Upper
278	100		
139	8.6	9.0	13.4#
279	19.8	19.1	28.7

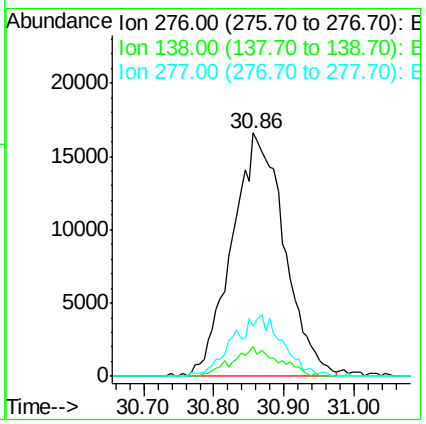




#94
Benzo(g,h,i)perylene
Concen: 3.604 ng/ul m
RT: 30.86 min Scan# 4641
Delta R.T. -0.03 min
Lab File: BG028050.D
Acq: 28 Jul 2017 10:49

Tgt Ion:276 Resp: 85900

Ion	Ratio	Lower	Upper
276	100		
138	12.0	11.2	16.8
277	20.4	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
MDL-W-02

Manual Integrations APPROVED
Sohil
7/28/2017 5:13:39 PM