Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087490.D
Acq On : 28 May 2016 21:10
Operator : UM/SJ
Sample : H3276-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

Quant Time: May 30 03:49:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	127086	20.00	ng		-0.01
21) Naphthalene-d8	9.50	136	519380	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	244088	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	449840	20.00	ng		0.00
75) Chrysene-d12	18.43	240	315855	20.00	ng		0.00
86) Perylene-d12	20.10	264	248587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	690116	95.42	ng		0.01
7) Phenol-d6	7.03	99	672589	68.82	ng		-0.01
23) Nitrobenzene-d5	8.39	82	844957	81.99	ng		-0.01
41) 2,4,6-Tribromophenol	13.63	330	324996	138.55	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	1405221	81.16	ng		-0.01
78) Terphenyl-d14	17.09	244	1233310	83.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	77862	20.40	ng	#	57
3) Pyridine	2.44	79	84932	10.18	ng	#	62
4) n-Nitrosodimethylamine	2.36	42	121324	18.87	ng	#	45
6) Aniline	6.97	93	281651	22.28	ng		95
8) 2-Chlorophenol	7.15	128	376785	41.77	ng		94
9) Benzaldehyde	6.84	77	22469	4.16	ng		97
10) Phenol	7.04	94	276267	25.89	ng	#	71
11) bis(2-Chloroethyl)ether	7.11	93	360282	41.71	ng		85
12) 1,3-Dichlorobenzene	7.36	146	350317	35.61	ng	#	91
13) 1,4-Dichlorobenzene	7.50	146	366628	36.30	ng		96
14) 1,2-Dichlorobenzene	7.72	146	350372	37.51	ng		99
15) Benzyl Alcohol	7.77	79	246578	34.61	ng		88
16) 2,2'-oxybis(1-Chloropropan	7.96	45	732893	37.71	ng		86
17) 2-Methylphenol	7.99	107	295344	40.86	ng	#	88
18) Hexachloroethane	8.24	117	137007	36.36	ng		93
19) n-Nitroso-di-n-propylamine	8.19	70	321114	44.06	ng	#	69
20) 3+4-Methylphenols	8.25	107	359366	41.13	ng	#	58
22) Acetophenone	8.16	105	580173	46.76	ng	#	98
24) Nitrobenzene	8.42	77	462806	42.54	ng		96
25) Isophorone	8.81	82	824935	44.63	ng		99
26) 2-Nitrophenol	8.92	139	195877	44.05	ng	#	76
27) 2,4-Dimethylphenol	9.07	122	358276	46.41	ng	#	85
28) bis(2-Chloroethoxy)methane	9.20	93	490989	47.16	ng		98
29) 2,4-Dichlorophenol	9.35	162	333367	47.92	ng		99
30) 1,2,4-Trichlorobenzene	9.43	180	326041	40.94	ng		97
31) Naphthalene	9.53	128	1095227	42.08	ng		99
32) Benzoic acid	9.37	122	67080	20.65	ng	#	79
33) 4-Chloroaniline	9.69	127	214491	22.38	ng	#	94
34) Hexachlorobutadiene	9.75	225	185055	38.23	ng		98
35) Caprolactam	10.35	113	21292m	10.49	ng		
36) 4-Chloro-3-methylphenol	10.55	107	384449	48.88	ng		94
37) 2-Methylnaphthalene	10.66	142	742182	45.65	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	326140	41.74	ng		99
40) Hexachlorocyclopentadiene	10.90	237	189568	61.45	ng		96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087490.D
Acq On : 28 May 2016 21:10
Operator : UM/SJ
Sample : H3276-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

Quant Time: May 30 03:49:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:48:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	205957	45.67	ng		94
43) 2,4,5-Trichlorophenol	11.26	196	208282	45.35	ng		93
45) 1,1'-Biphenyl	11.43	154	896054	43.60	ng		97
46) 2-Chloronaphthalene	11.45	162	676821	43.05	ng		97
47) 2-Nitroaniline	11.67	65	267888	47.29	ng	#	77
48) Acenaphthylene	12.10	152	1095572	44.01	ng		99
49) Dimethylphthalate	11.99	163	881834	45.10	ng		100
50) 2,6-Dinitrotoluene	12.08	165	179644	45.60	ng	#	60
51) Acenaphthene	12.38	154	675619	44.16	ng		98
52) 3-Nitroaniline	12.37	138	57016	14.10	ng		84
53) 2,4-Dinitrophenol	12.56	184	172175	84.95	ng	#	87
54) Dibenzofuran	12.67	168	1012897	48.90	ng		96
55) 4-Nitrophenol	12.77	139	75343	39.06	ng	#	58
56) 2,4-Dinitrotoluene	12.74	165	247802	47.06	ng	#	87
57) Fluorene	13.22	166	790322	44.00	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.91	232	185842	52.60	ng		98
59) Diethylphthalate	13.13	149	843897	44.39	ng		100
60) 4-Chlorophenyl-phenylether	13.25	204	377266	43.07	ng		98
61) 4-Nitroaniline	13.36	138	137403	36.41	ng	#	66
62) Azobenzene	13.51	77	990560	50.23	ng		86
64) 4,6-Dinitro-2-methylphenol	13.42	198	119428	41.75	ng	#	74
65) n-Nitrosodiphenylamine	13.47	169	696186	47.85	ng		99
66) 4-Bromophenyl-phenylether	14.03	248	216164	43.93	ng		99
67) Hexachlorobenzene	14.10	284	227306	44.16	ng	#	62
68) Atrazine	14.39	200	193415	41.71	ng		95
69) Pentachlorophenol	14.47	266	158246	97.47	ng		98
70) Phenanthrene	14.77	178	1154265	46.32	ng		100
71) Anthracene	14.86	178	1177242	46.77	ng		99
72) Carbazole	15.14	167	1039003	48.40	ng		98
73) Di-n-butylphthalate	15.73	149	1274630	45.91	ng	#	99
74) Fluoranthene	16.54	202	1172097	46.91	ng		93
76) Benzidine	16.79	184	35174	4.33	ng		97
77) Pyrene	16.83	202	1105210	48.61	ng		99
79) Butylbenzylphthalate	17.75	149	487392	48.34	ng	#	74
80) Benzo(a)anthracene	18.42	228	848993	47.25	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	105816	10.66	ng		95
82) Chrysene	18.47	228	827876	46.43	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	677486	46.05	ng	#	95
84) Di-n-octyl phthalate	19.27	149	1003149	44.71	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.31	276	743028	51.98	ng		94
87) Benzo(b)fluoranthene	19.69	252	743719	46.97	ng		98
88) Benzo(k)fluoranthene	19.73	252	619363m	45.44	ng		
89) Benzo(a)pyrene	20.05	252	641108	46.81	ng		98
90) Dibenzo(a,h)anthracene	21.33	278	627304	53.70	ng	#	93
91) Benzo(g,h,i)perylene	21.67	276	634294	55.04	ng	#	89

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

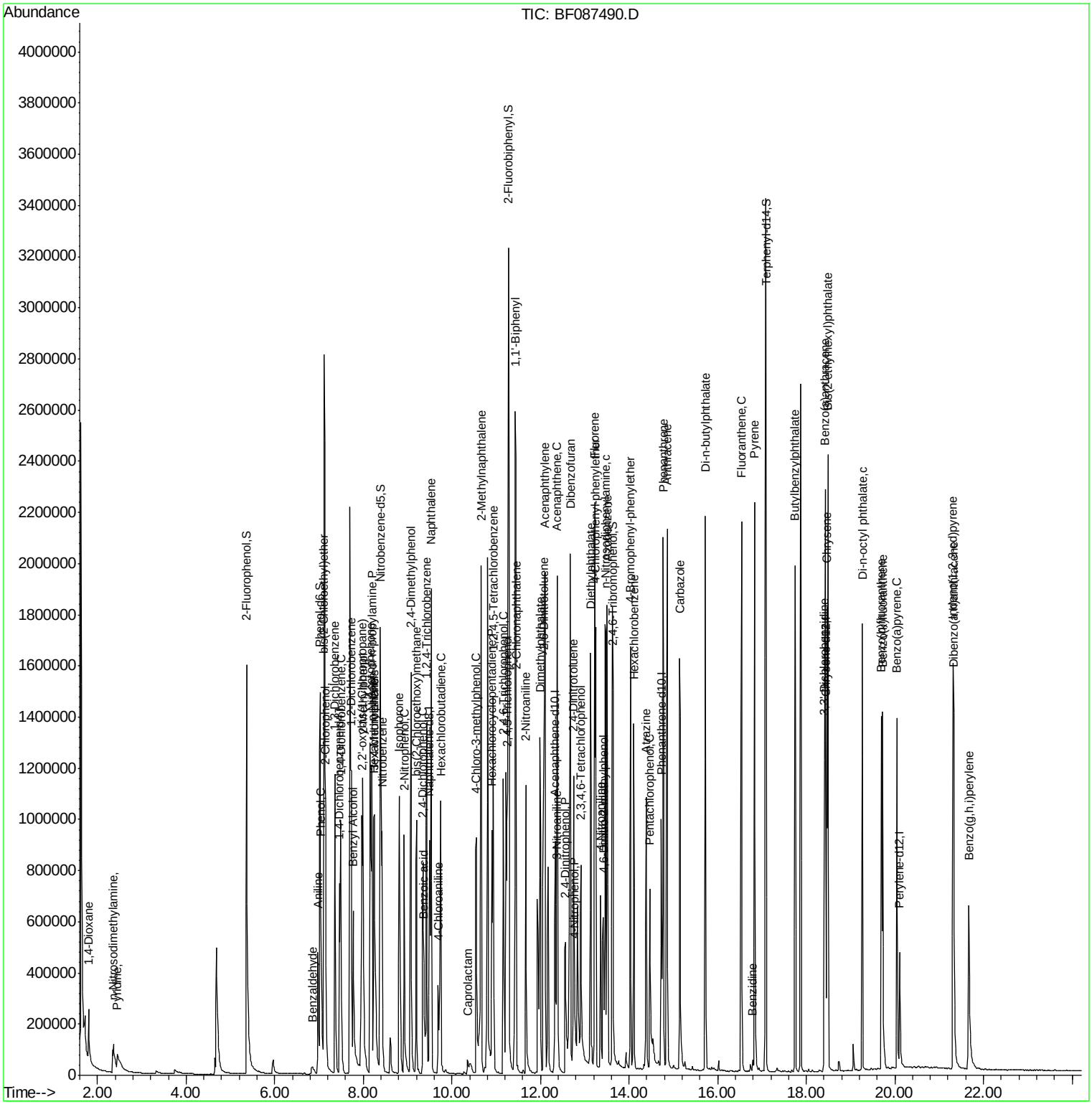
Quantitation Report (QT Reviewed)

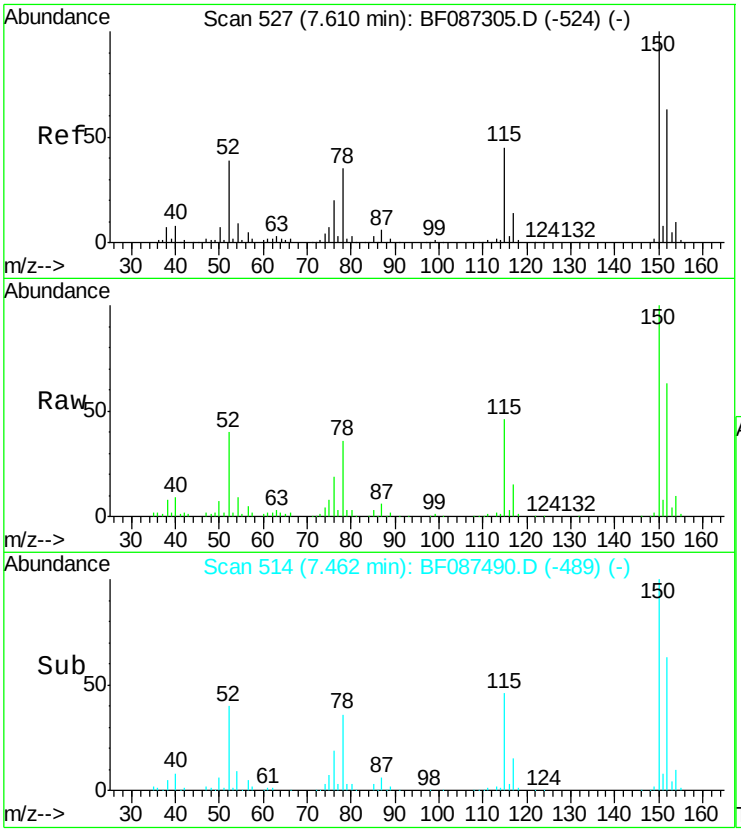
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087490.D
Acq On : 28 May 2016 21:10
Operator : UM/SJ
Sample : H3276-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 30 03:49:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 03:48:52 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

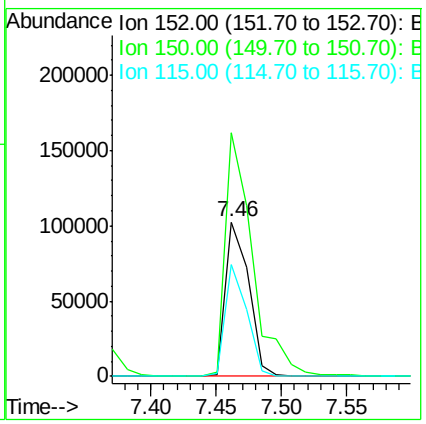




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

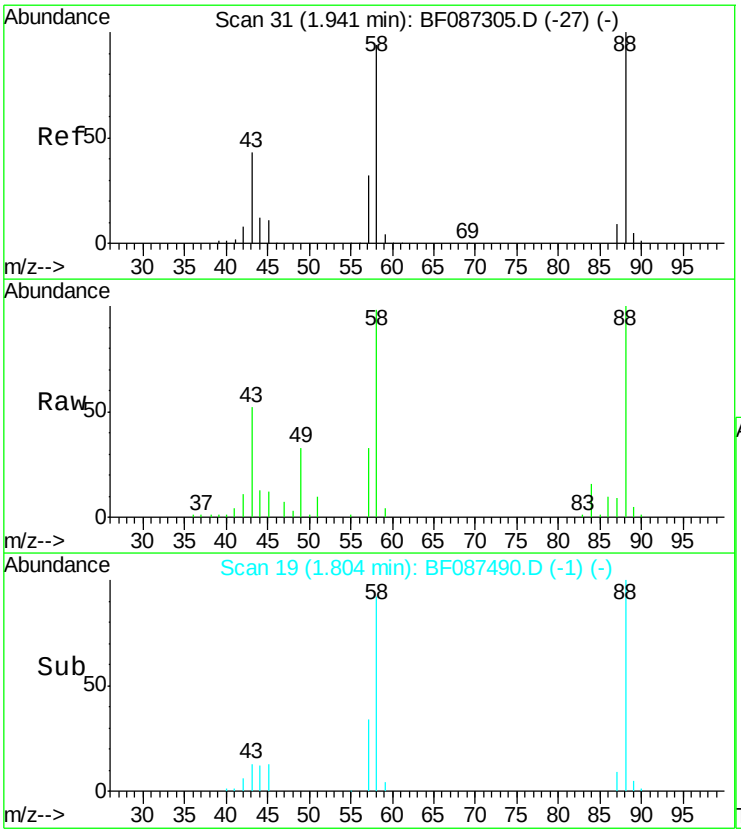
Tgt Ion:152 Resp: 127086

Ion	Ratio	Lower	Upper
152	100		
150	158.0	125.8	188.6
115	72.2	51.5	77.3



Instrument :
BNA_F
ClientSampleId :
MW-02MS

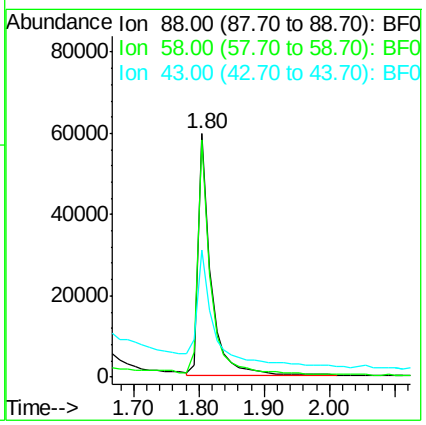
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

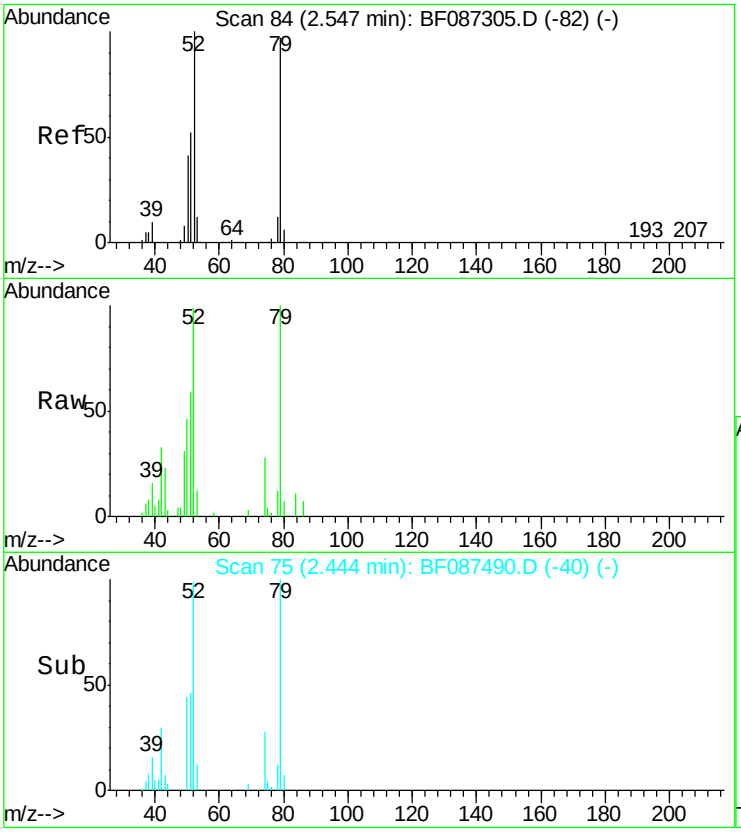


#2
1,4-Dioxane
Concen: 20.40 ng
RT: 1.80 min Scan# 19
Delta R.T. 0.05 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 88 Resp: 77862

Ion	Ratio	Lower	Upper
88	100		
58	99.2	59.6	89.4#
43	68.8	21.8	32.6#

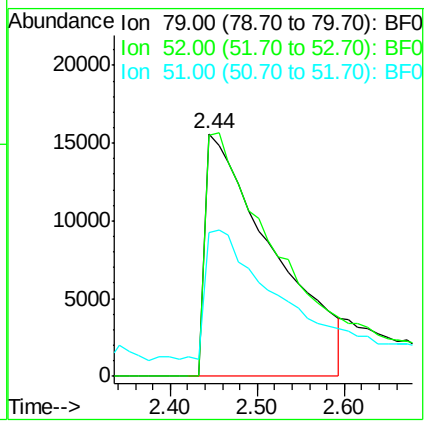




#3
Pyridine
Concen: 10.18 ng
RT: 2.44 min Scan# 75
Delta R.T. 0.10 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

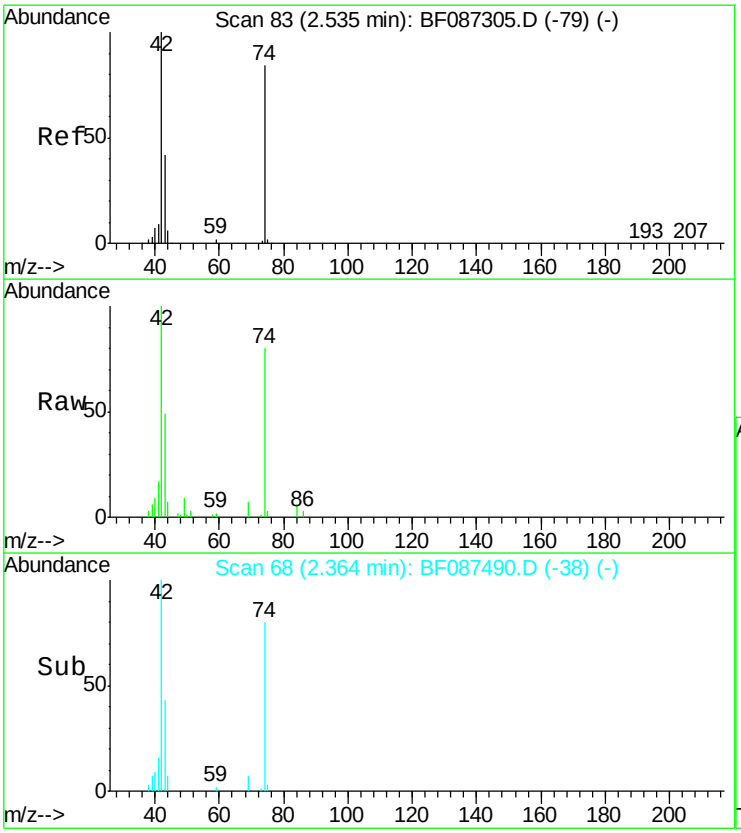
Tgt Ion: 79 Resp: 84932

Ion	Ratio	Lower	Upper
79	100		
52	99.4	55.9	83.9#
51	59.5	28.1	42.1#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

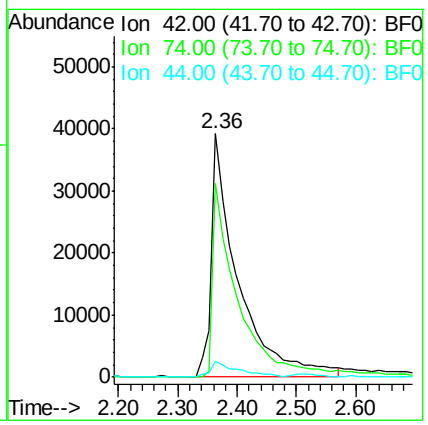
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

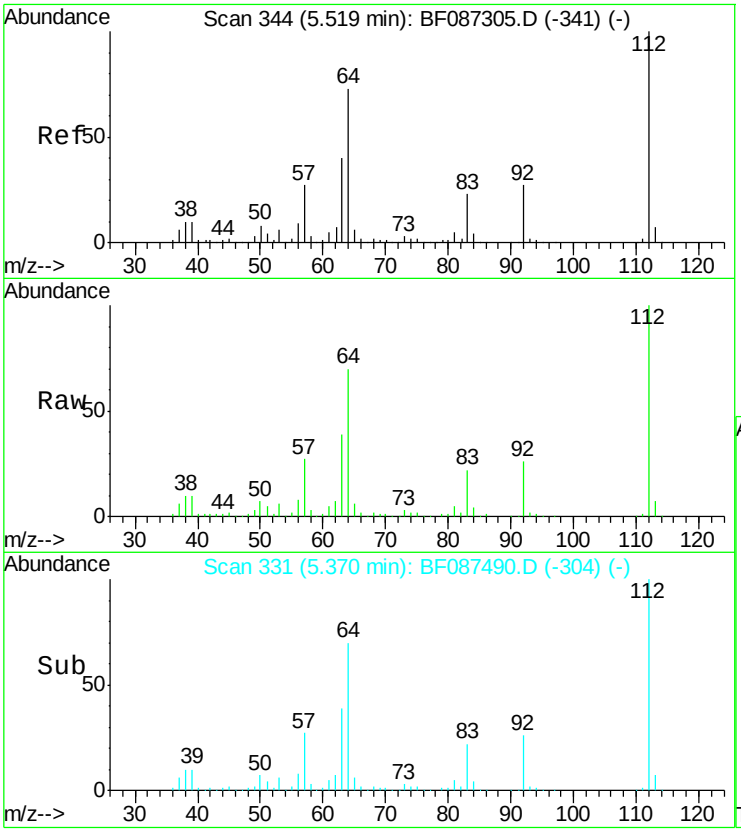


#4
n-Nitrosodimethylamine
Concen: 18.87 ng
RT: 2.36 min Scan# 68
Delta R.T. 0.05 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 42 Resp: 121324

Ion	Ratio	Lower	Upper
42	100		
74	79.6	123.4	185.0#
44	6.6	5.8	8.6





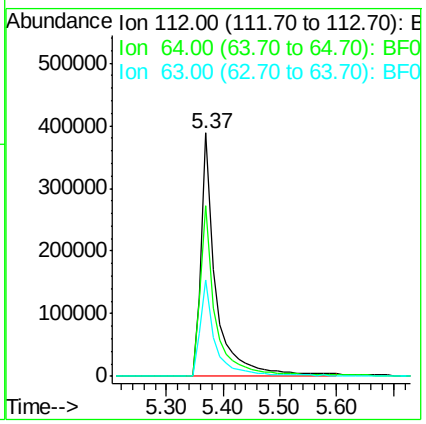
#5
2-Fluorophenol
Concen: 95.42 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

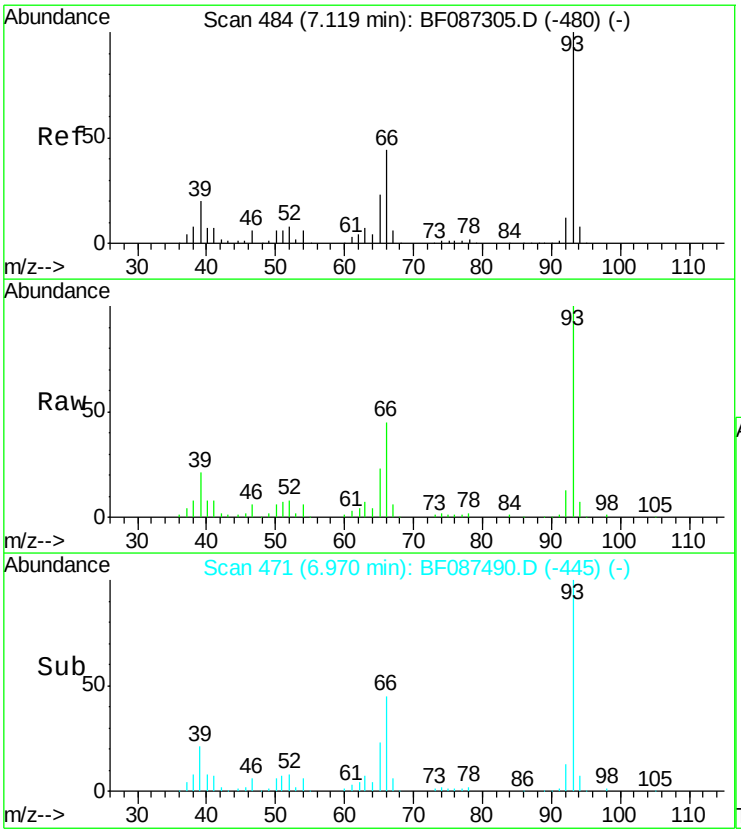
Tgt Ion:112 Resp: 690116

Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.1	78.1
63	39.5	25.7	38.5#

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

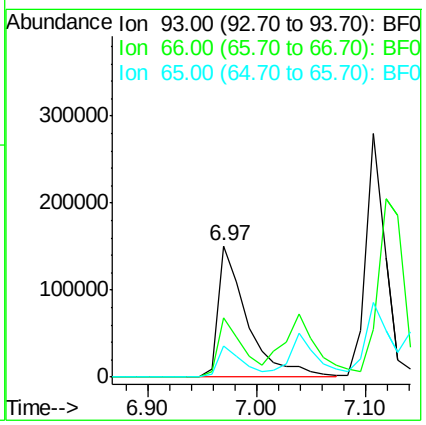


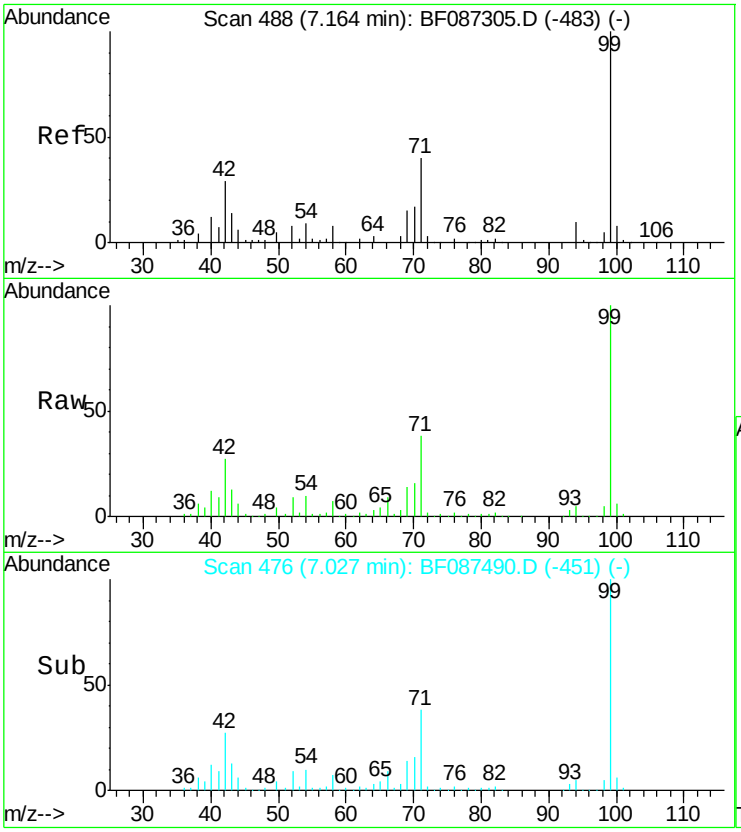


#6
Aniline
Concen: 22.28 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 93 Resp: 281651

Ion	Ratio	Lower	Upper
93	100		
66	44.9	39.0	58.6
65	23.3	20.6	31.0

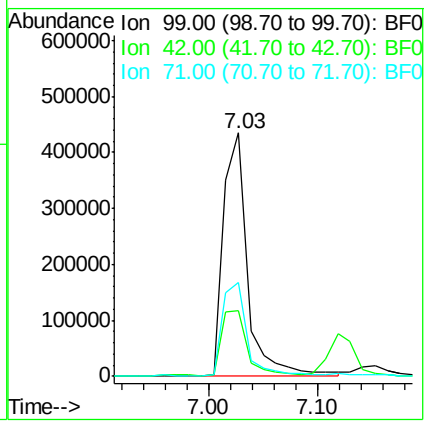




#7
Phenol-d6
Concen: 68.82 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

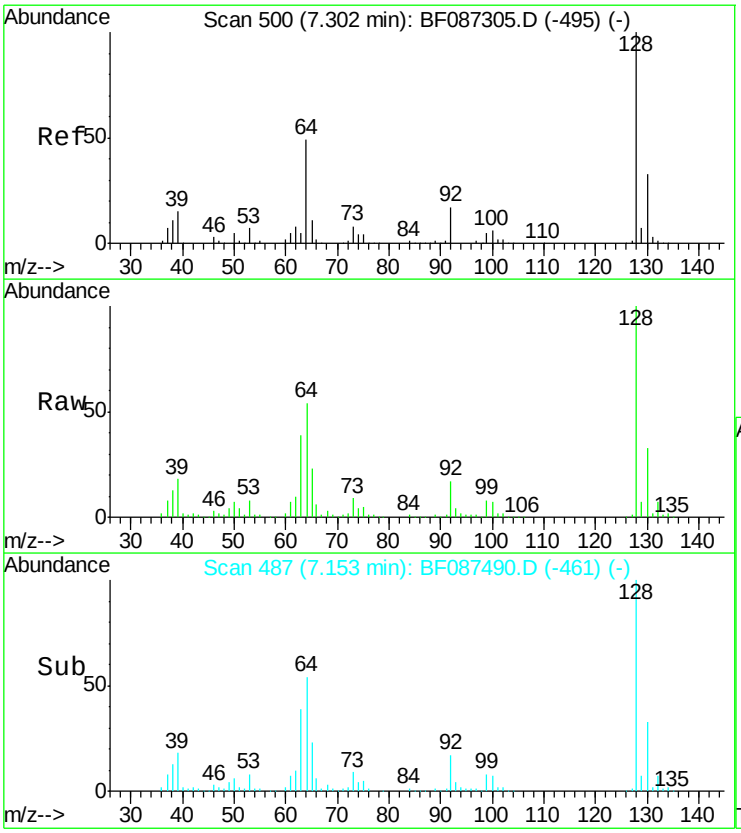
Tgt Ion: 99 Resp: 672589

Ion	Ratio	Lower	Upper
99	100		
42	26.7	13.6	20.4#
71	38.3	24.6	36.8#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

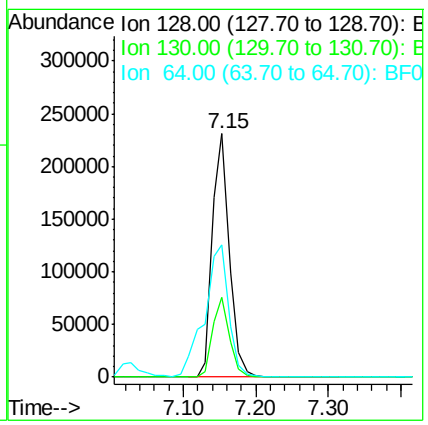
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

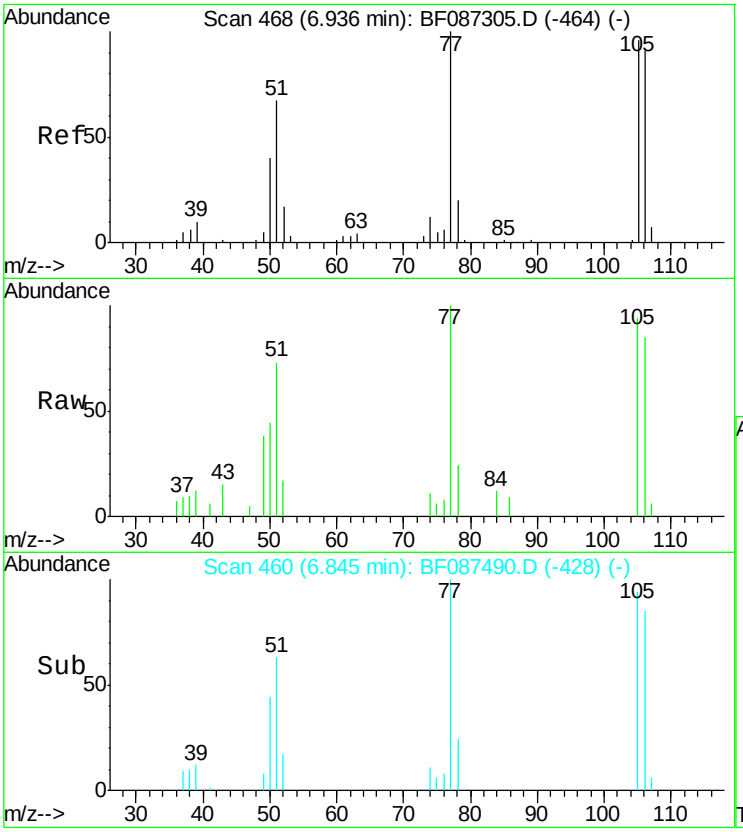


#8
2-Chlorophenol
Concen: 41.77 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:128 Resp: 376785

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.5	52.5
64	54.3	27.3	67.3

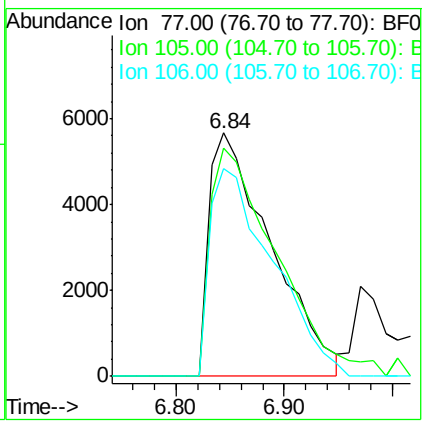




#9
Benzaldehyde
Concen: 4.16 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.07 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

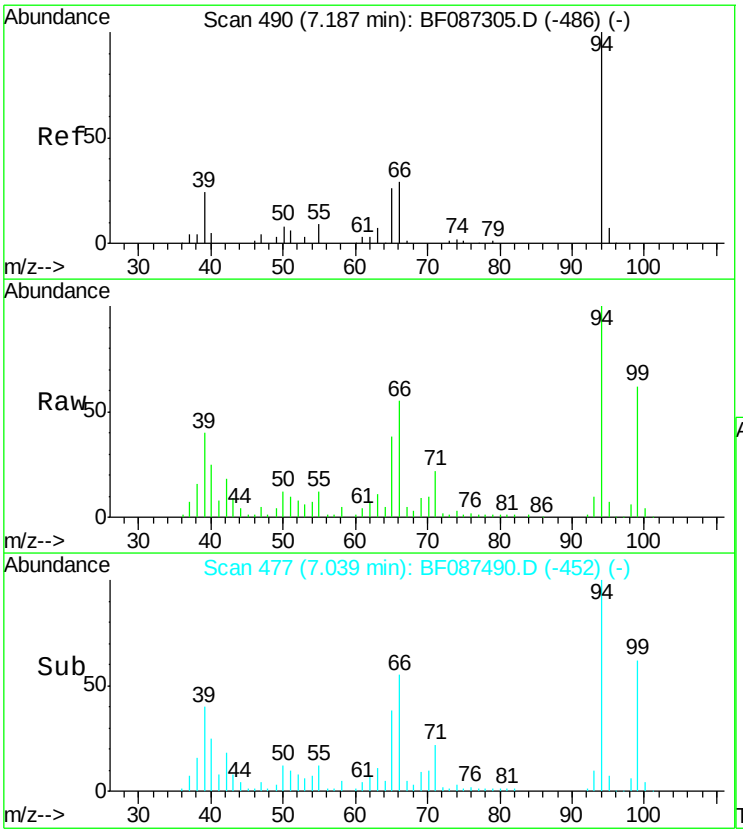
Tgt Ion: 77 Resp: 22469

Ion	Ratio	Lower	Upper
77	100		
105	93.9	72.7	112.7
106	85.4	70.8	110.8



Instrument :
BNA_F
ClientSampleId :
MW-02MS

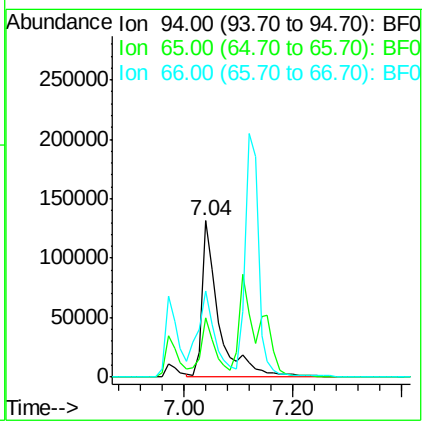
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

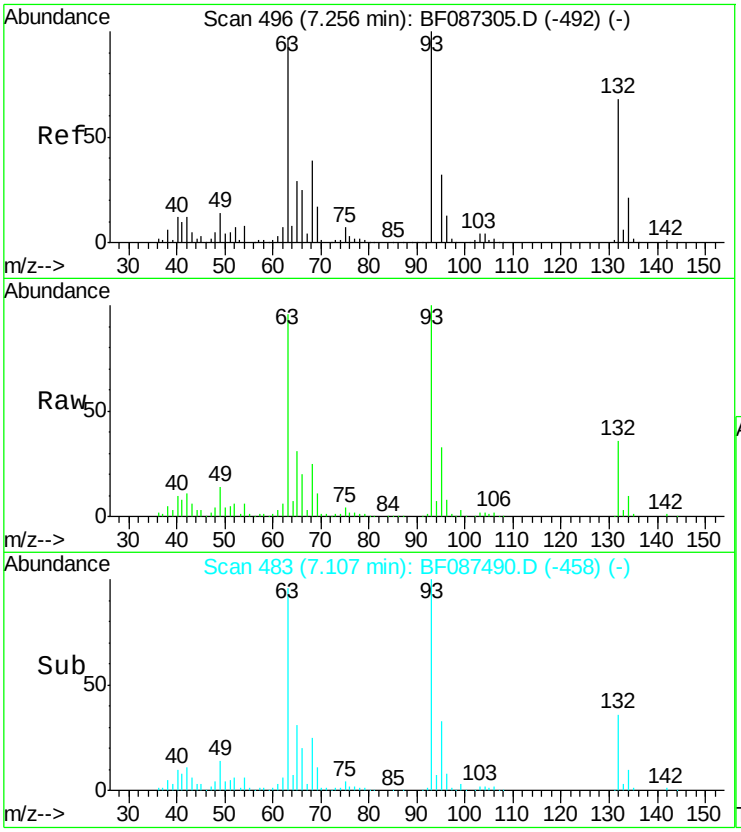


#10
Phenol
Concen: 25.89 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 94 Resp: 276267

Ion	Ratio	Lower	Upper
94	100		
65	38.0	7.2	47.2
66	55.0	14.9	54.9#

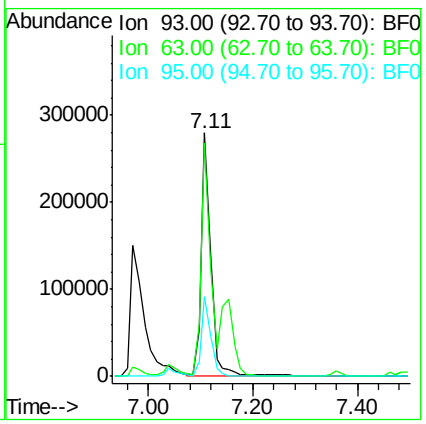




#11
bis(2-Chloroethyl)ether
Concen: 41.71 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

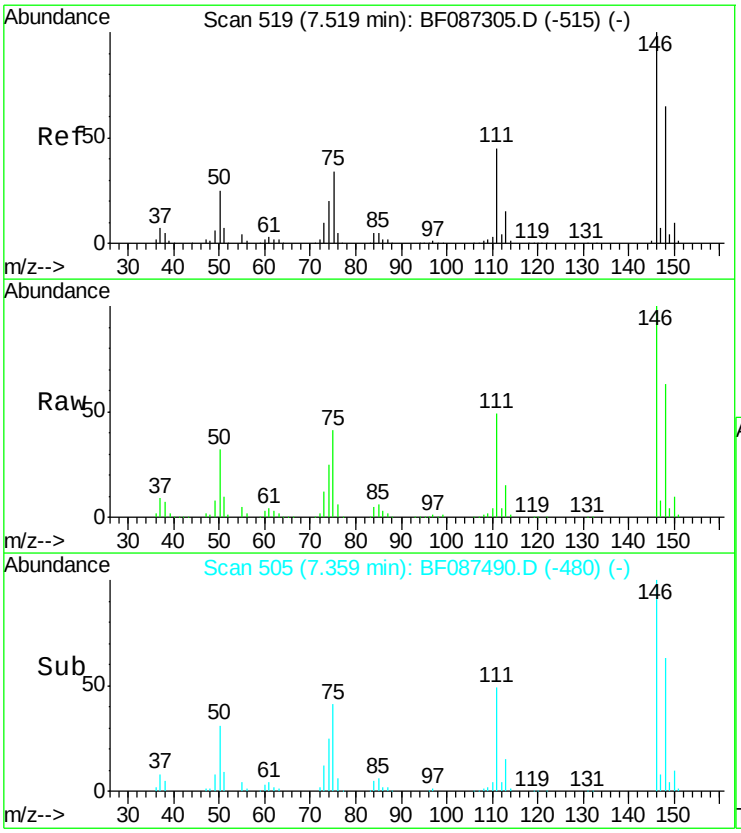
Tgt Ion: 93 Resp: 360282

Ion	Ratio	Lower	Upper
93	100		
63	95.9	58.0	98.0
95	32.8	11.9	51.9



Instrument :
BNA_F
ClientSampleId :
MW-02MS

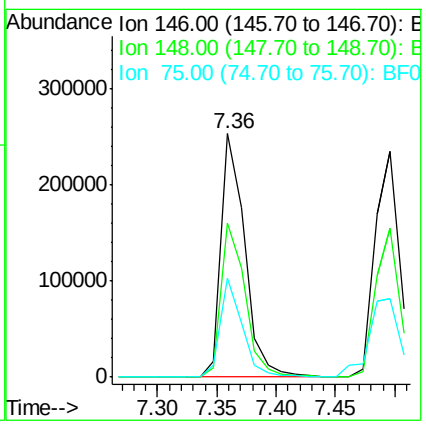
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

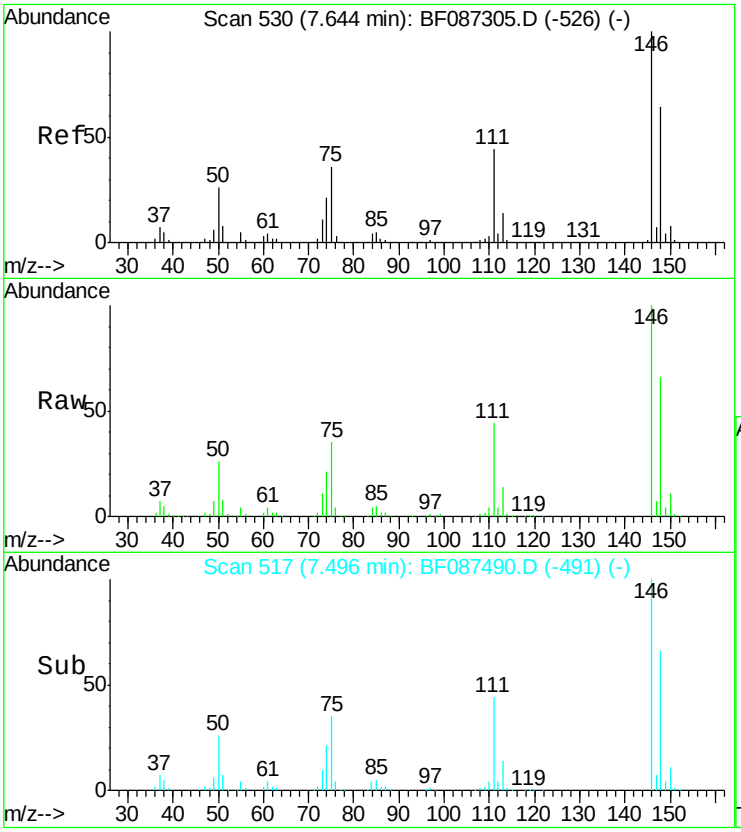


#12
1,3-Dichlorobenzene
Concen: 35.61 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:146 Resp: 350317

Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.4	78.6
75	40.8	22.8	34.2#

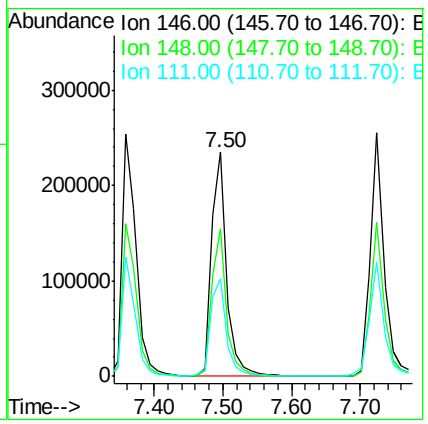




#13
1,4-Dichlorobenzene
Concen: 36.30 ng
RT: 7.50 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

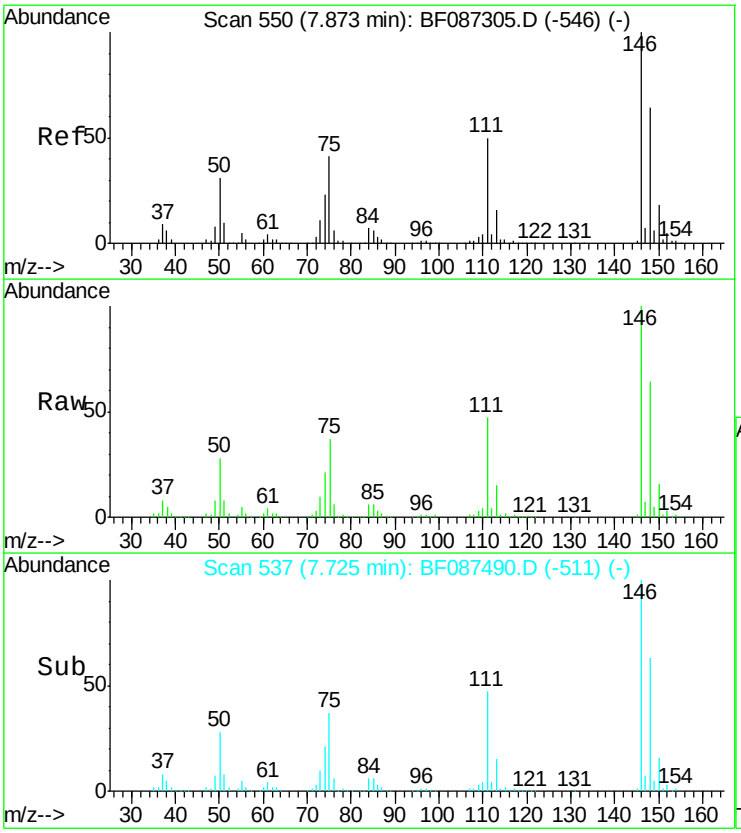
Tgt Ion:146 Resp: 366628

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.4
111	43.7	30.7	46.1



Instrument :
BNA_F
ClientSampleId :
MW-02MS

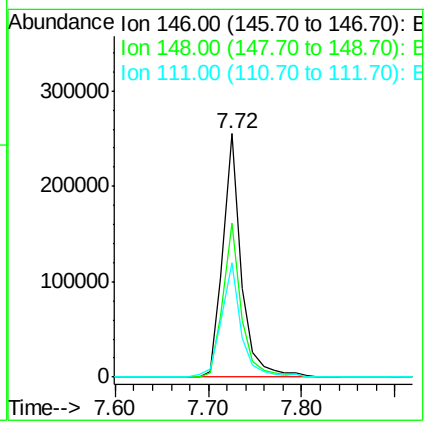
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

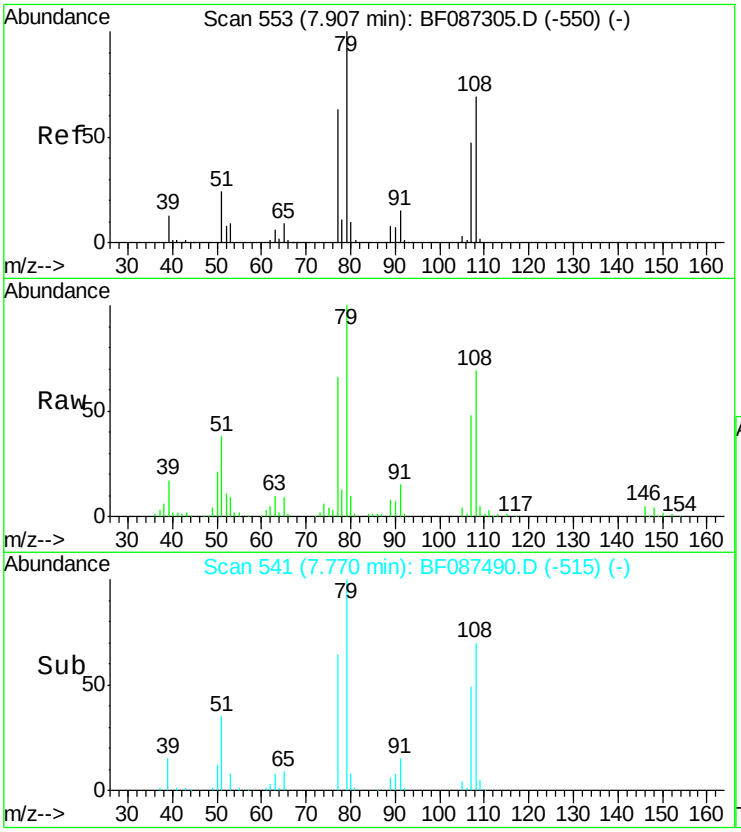


#14
1,2-Dichlorobenzene
Concen: 37.51 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:146 Resp: 350372

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.0	76.6
111	47.1	36.2	54.4

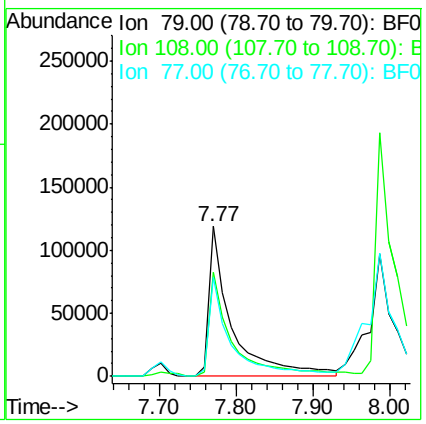




#15
Benzyl Alcohol
Concen: 34.61 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

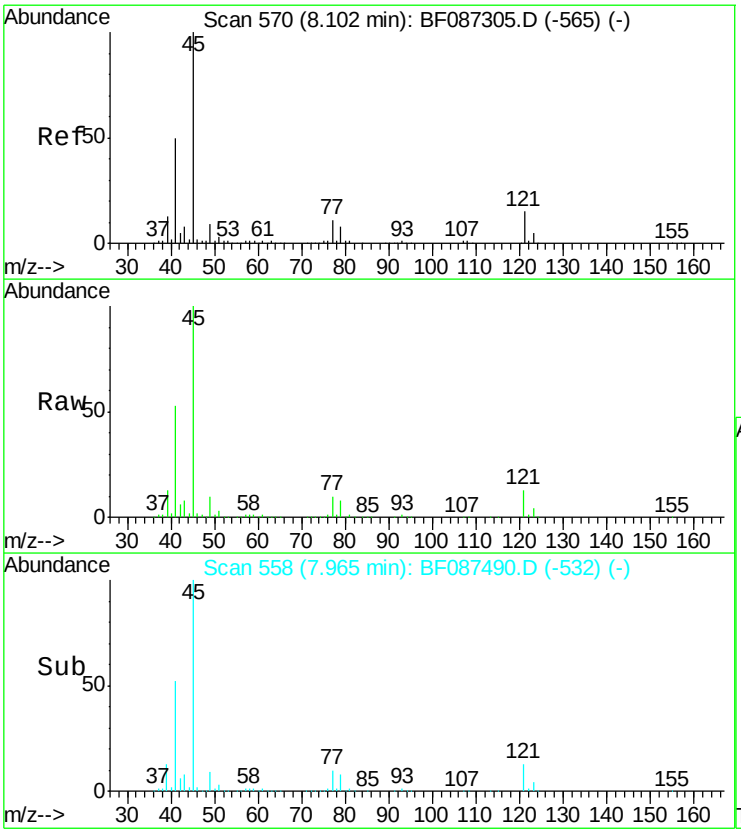
Tgt Ion: 79 Resp: 246578

Ion	Ratio	Lower	Upper
79	100		
108	69.3	68.4	102.6
77	66.1	50.6	76.0



Instrument :
BNA_F
ClientSampleId :
MW-02MS

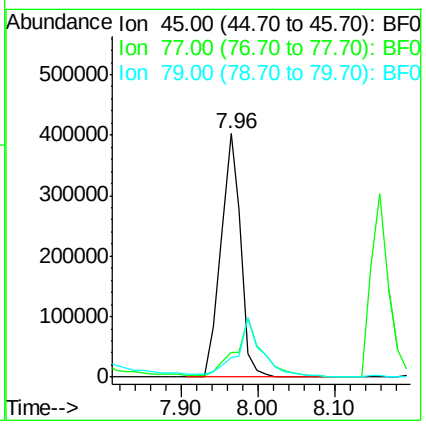
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

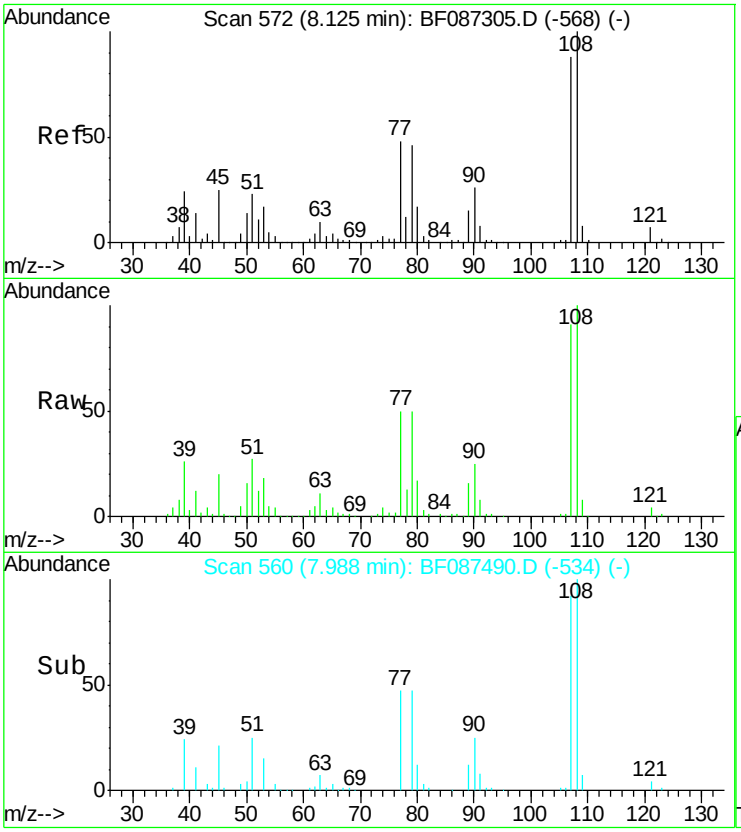


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.71 ng
RT: 7.96 min Scan# 558
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 45 Resp: 732893

Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	36.4
79	8.1	0.0	33.4

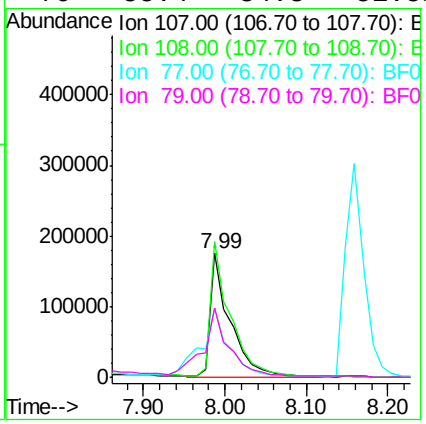




#17
2-Methylphenol
Concen: 40.86 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

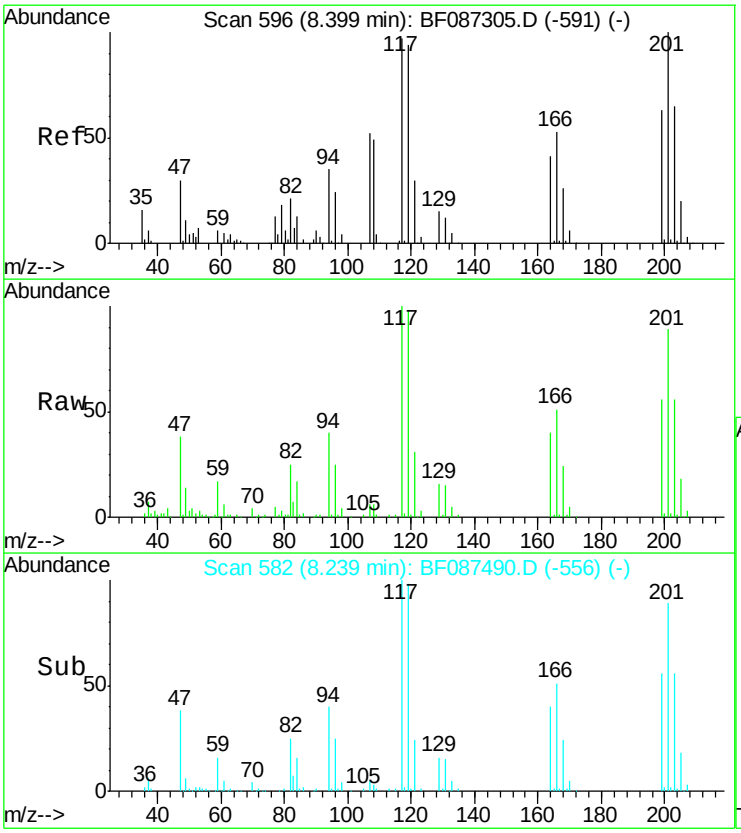
Tgt Ion:107 Resp: 295344

Ion	Ratio	Lower	Upper
107	100		
108	110.2	93.7	140.5
77	55.5	33.4	50.0#
79	55.4	34.3	51.5#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

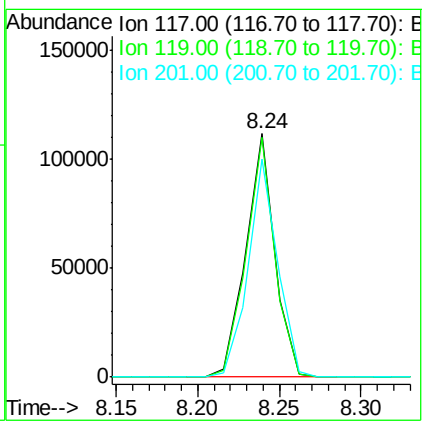
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

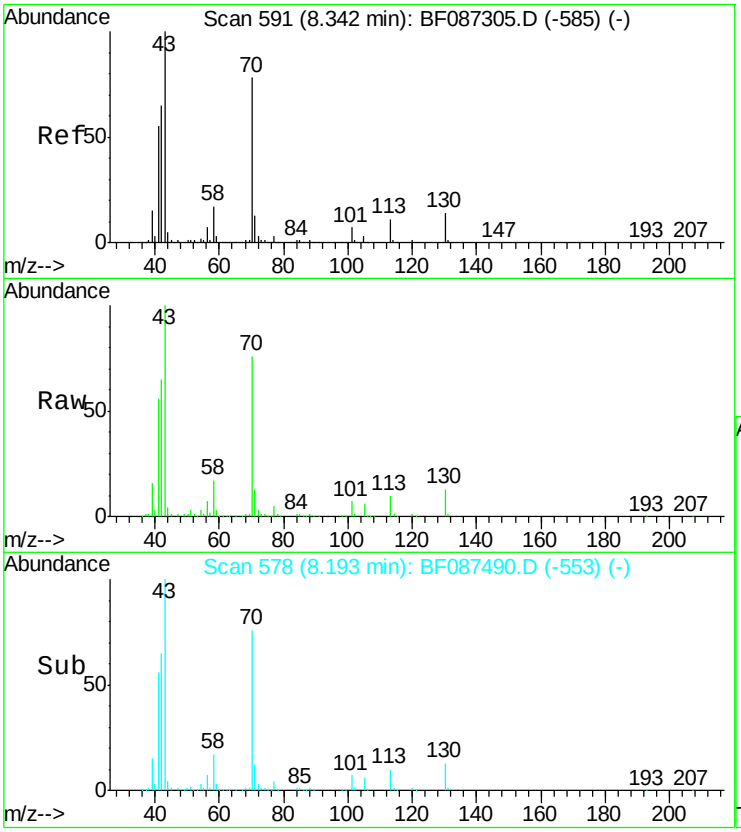


#18
Hexachloroethane
Concen: 36.36 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:117 Resp: 137007

Ion	Ratio	Lower	Upper
117	100		
119	98.4	76.5	114.7
201	89.3	63.0	94.6

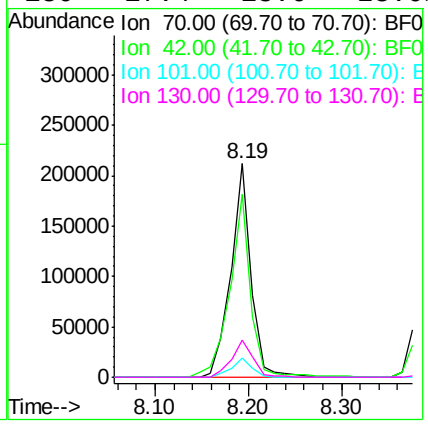




#19
n-Nitroso-di-n-propylamine
Concen: 44.06 ng
RT: 8.19 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

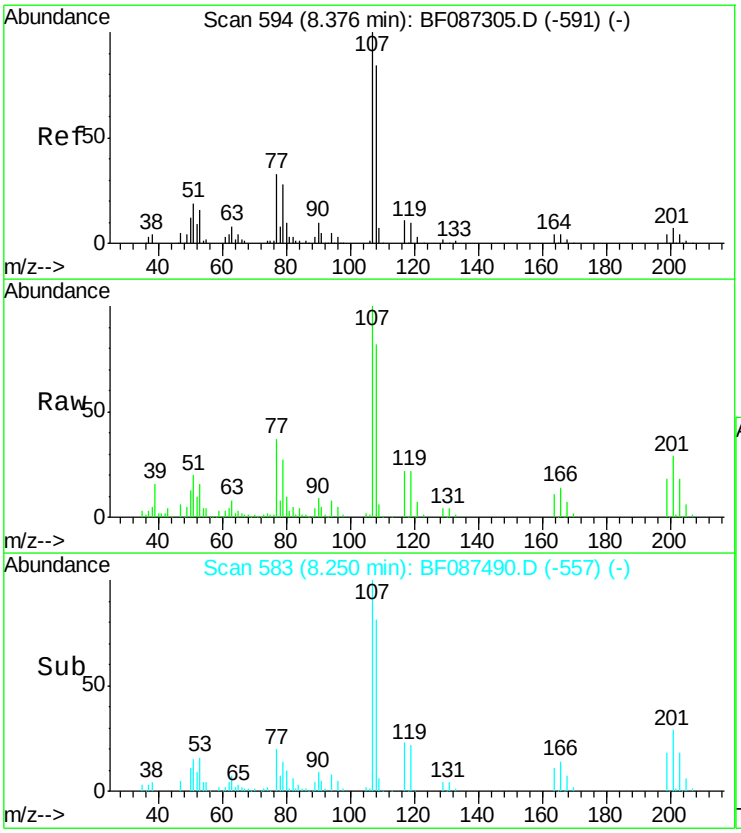
Tgt Ion: 70 Resp: 321114

Ion	Ratio	Lower	Upper
70	100		
42	85.4	43.1	64.7#
101	9.0	8.1	12.1
130	17.4	18.6	28.0#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

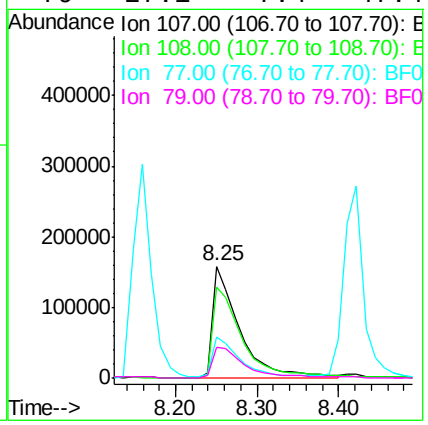
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

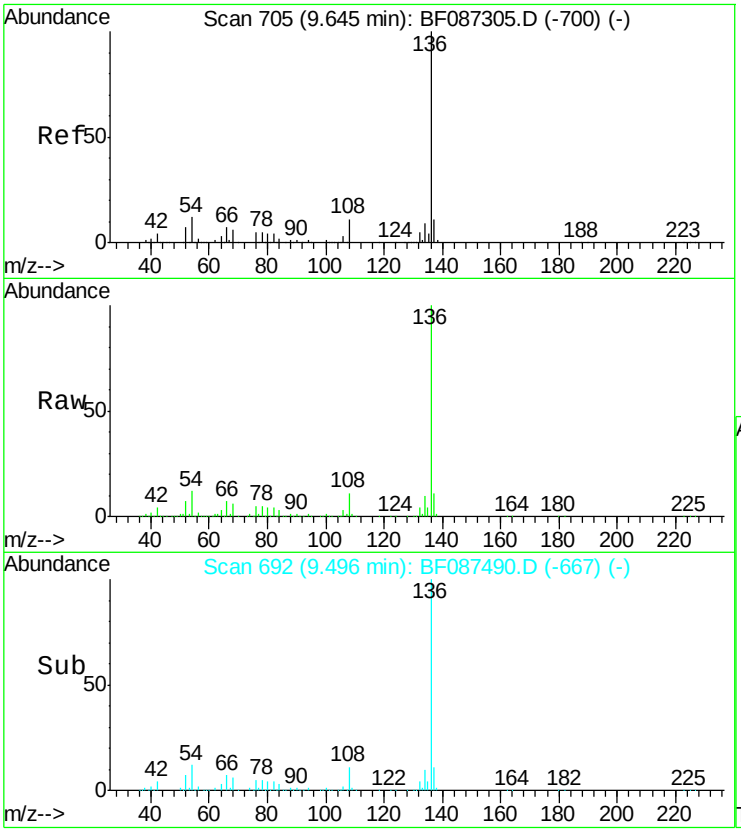


#20
3+4-Methylphenols
Concen: 41.13 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:107 Resp: 359366

Ion	Ratio	Lower	Upper
107	100		
108	81.9	68.5	108.5
77	36.7	101.6	141.6#
79	27.1	7.4	47.4

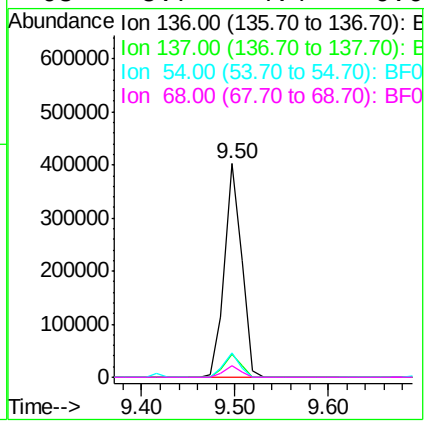




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

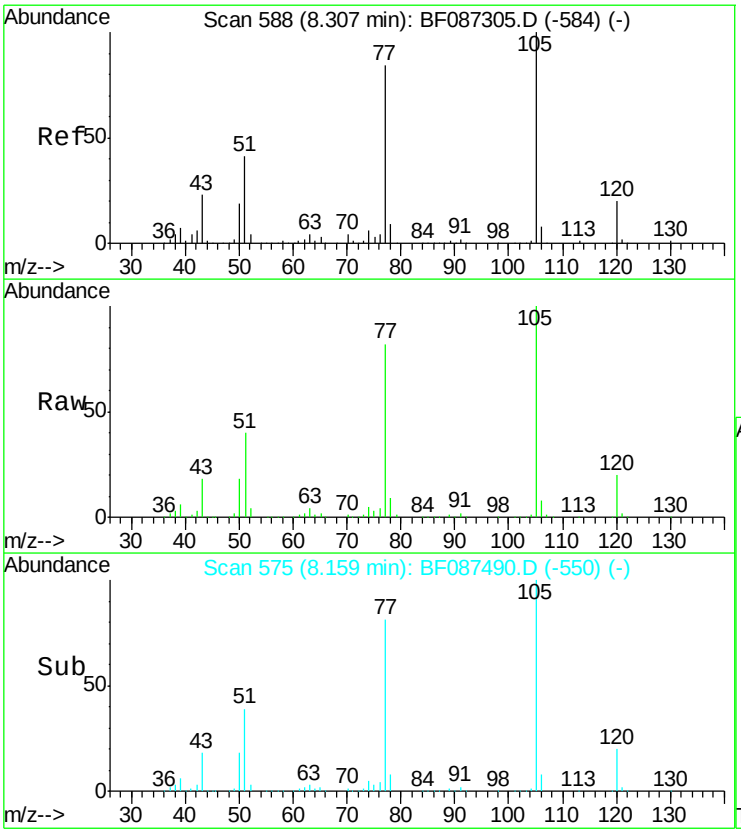
Tgt Ion:136 Resp: 519380

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	11.6	5.0	7.4#
68	5.7	4.4	6.6



Instrument :
BNA_F
ClientSampleId :
MW-02MS

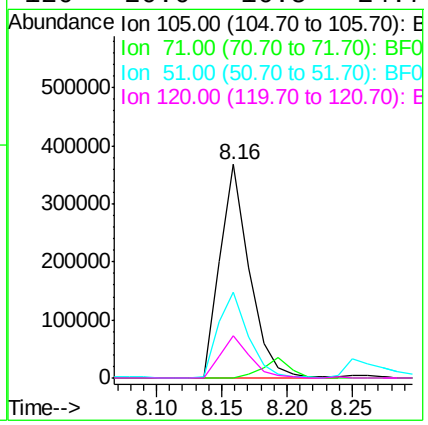
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

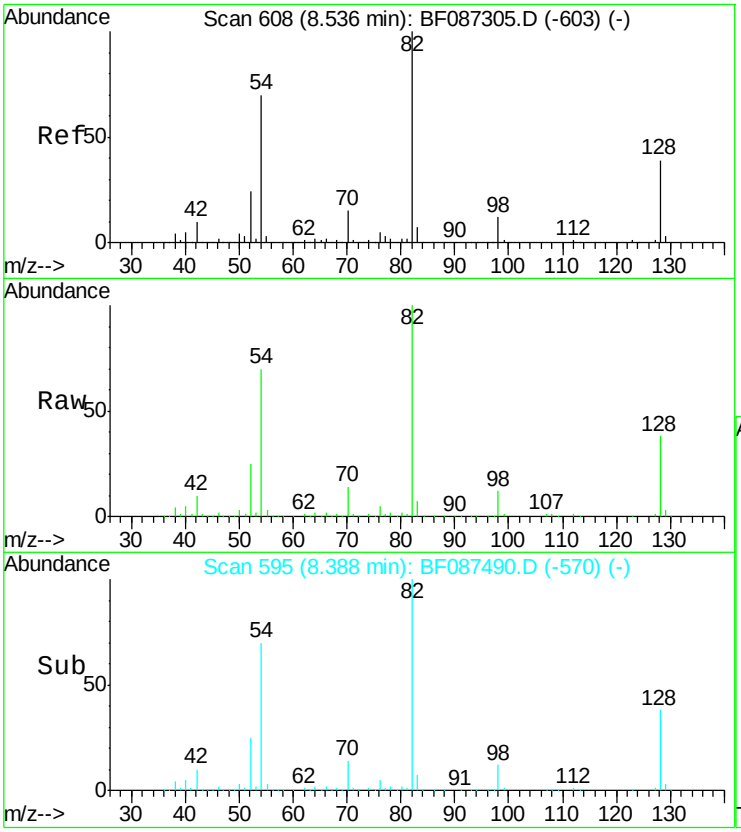


#22
Acetophenone
Concen: 46.76 ng
RT: 8.16 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:105 Resp: 580173

Ion	Ratio	Lower	Upper
105	100		
71	0.2	4.8	7.2#
51	40.3	32.6	49.0
120	20.0	16.5	24.7

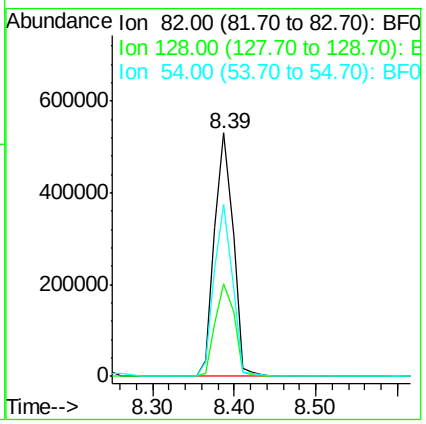




#23
Nitrobenzene-d5
Concen: 81.99 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

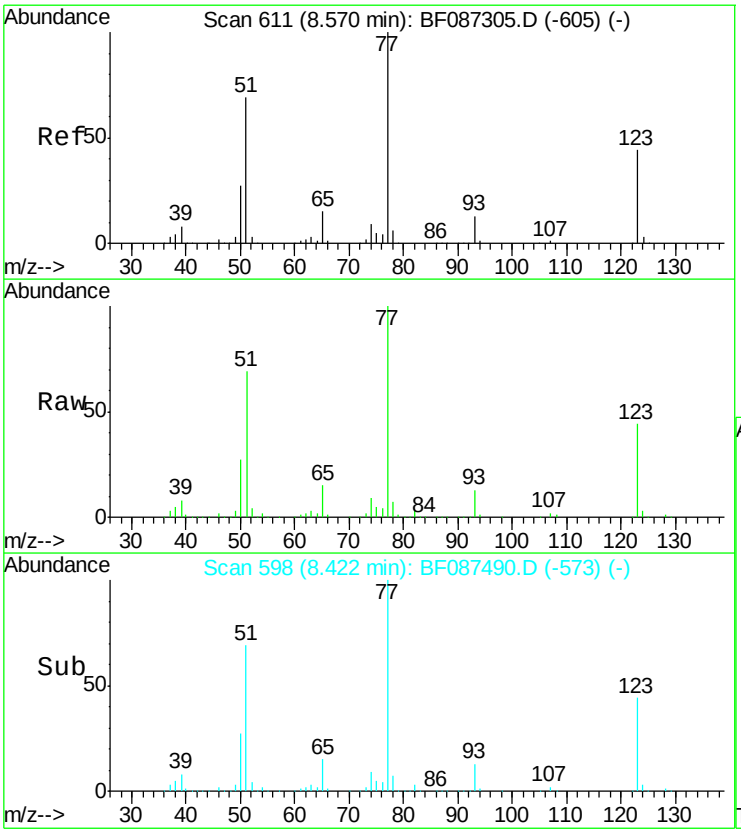
Tgt Ion: 82 Resp: 844957

Ion	Ratio	Lower	Upper
82	100		
128	37.8	40.6	61.0#
54	70.5	38.1	57.1#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

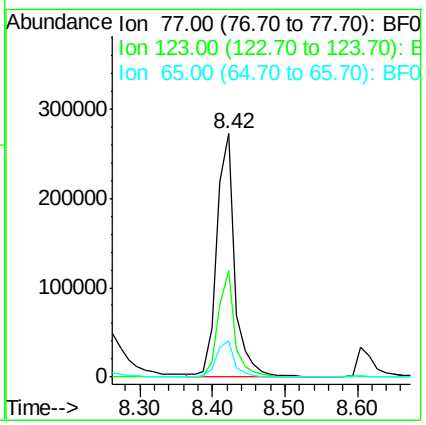
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

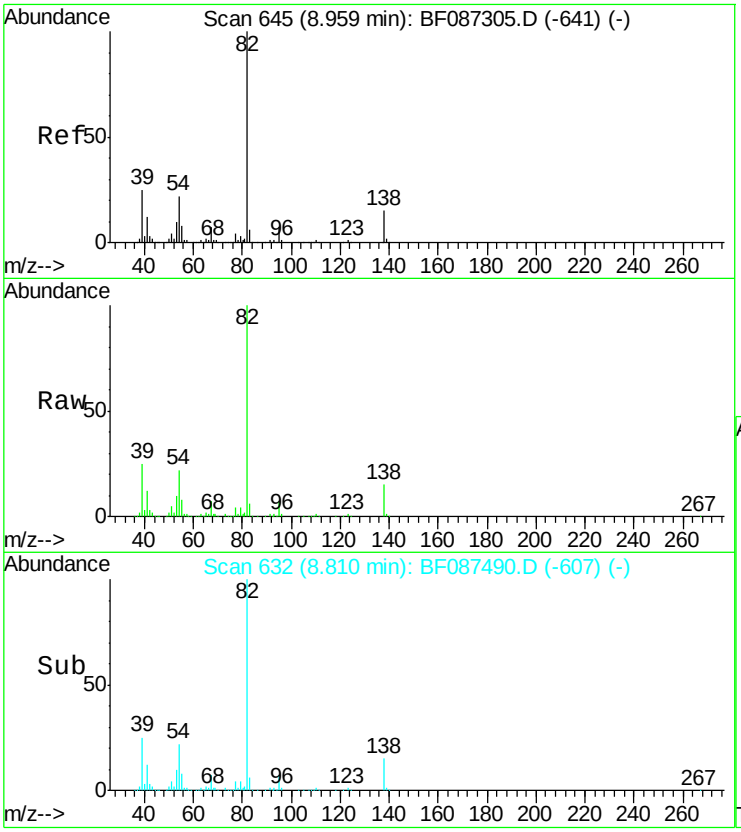


#24
Nitrobenzene
Concen: 42.54 ng
RT: 8.42 min Scan# 598
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 77 Resp: 462806

Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.0	49.4
65	14.9	10.8	16.2

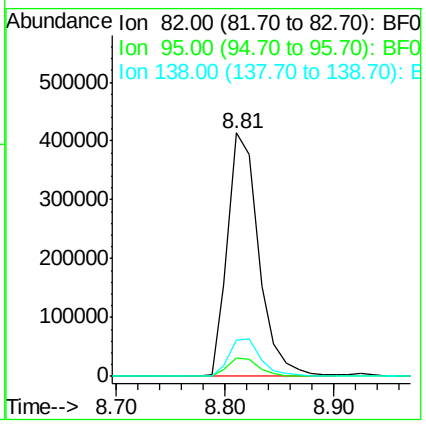




#25
Isophorone
Concen: 44.63 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

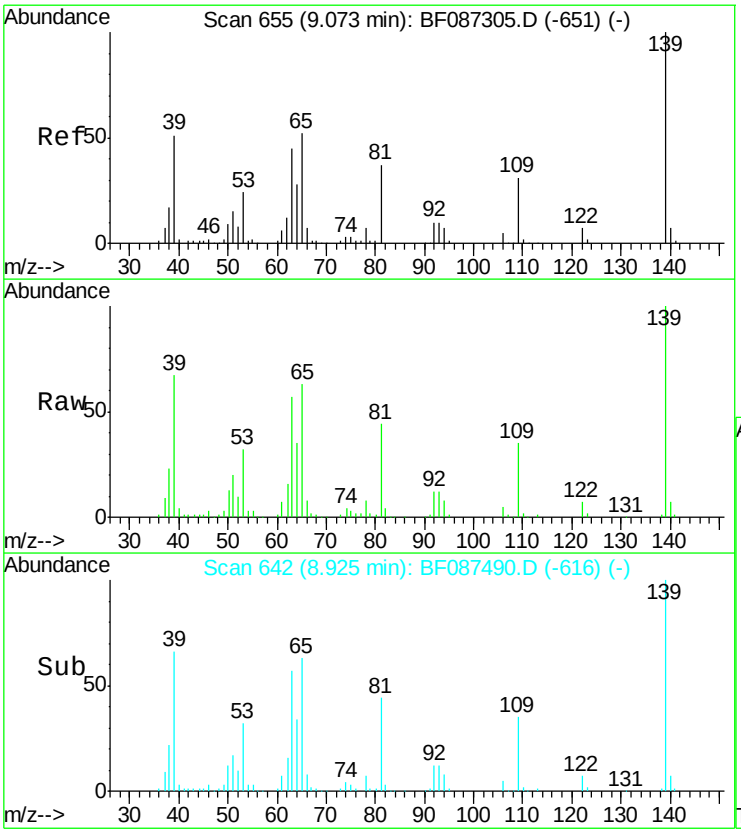
Tgt Ion: 82 Resp: 824935

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.1	7.7
138	15.1	12.4	18.6



Instrument :
BNA_F
ClientSampleId :
MW-02MS

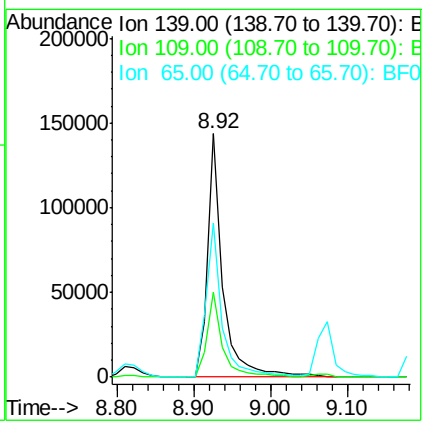
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

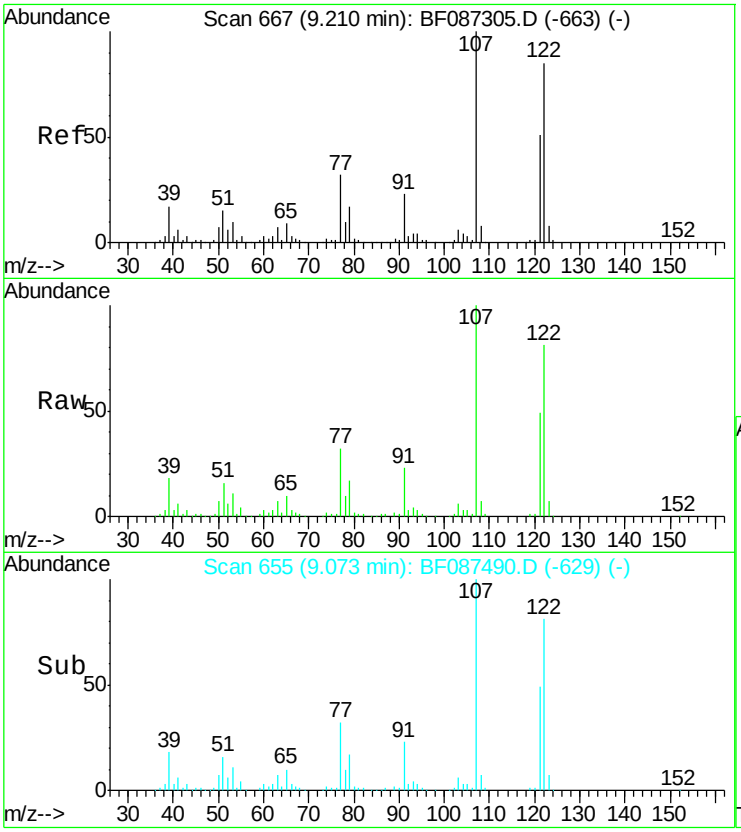


#26
2-Nitrophenol
Concen: 44.05 ng
RT: 8.92 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:139 Resp: 195877

Ion	Ratio	Lower	Upper
139	100		
109	34.9	19.5	29.3#
65	63.5	37.5	56.3#

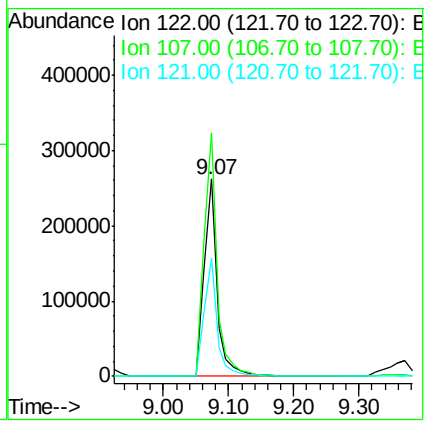




#27
2,4-Dimethylphenol
Concen: 46.41 ng
RT: 9.07 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

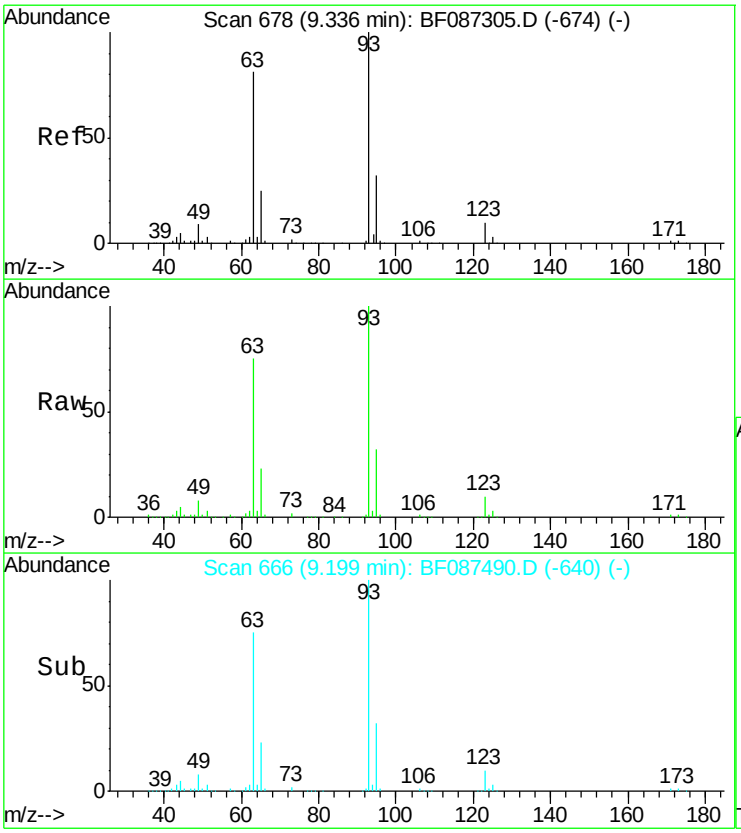
Tgt Ion:122 Resp: 358276

Ion	Ratio	Lower	Upper
122	100		
107	123.6	82.0	123.0#
121	60.2	46.1	69.1



Instrument :
BNA_F
ClientSampleId :
MW-02MS

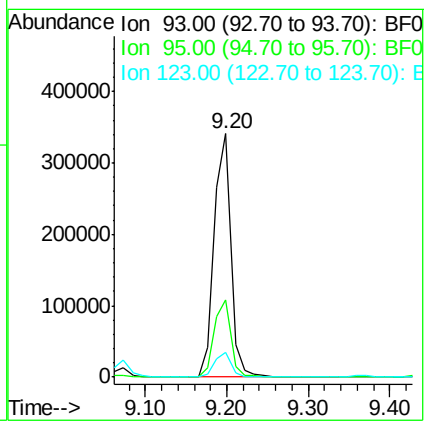
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

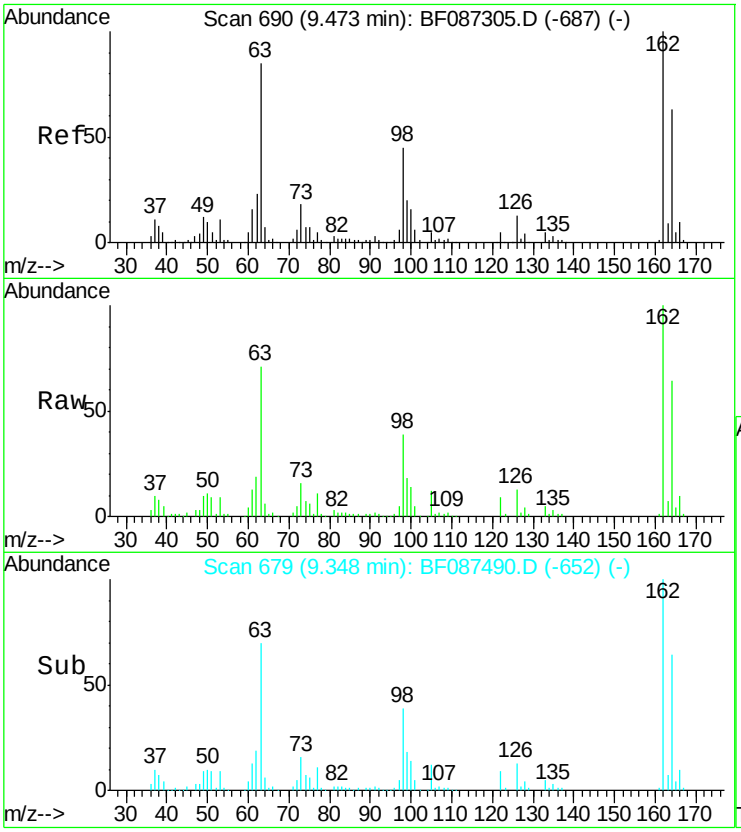


#28
bis(2-Chloroethoxy)methane
Concen: 47.16 ng
RT: 9.20 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 93 Resp: 490989

Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.0	39.0
123	10.3	9.5	14.3

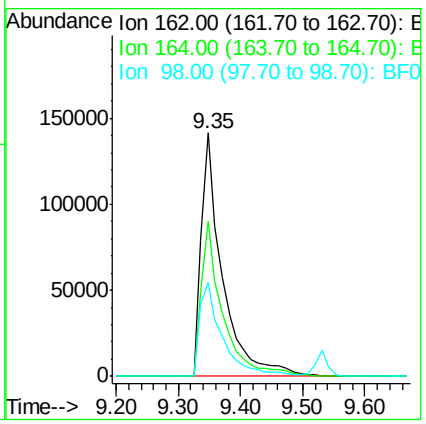




#29
2,4-Dichlorophenol
Concen: 47.92 ng
RT: 9.35 min Scan# 679
Delta R.T. 0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

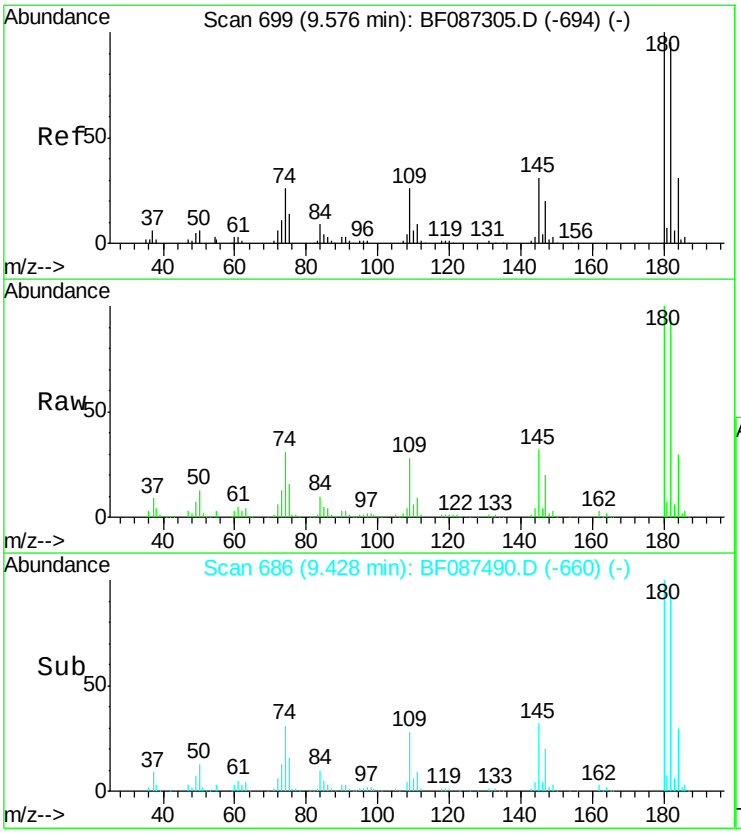
Tgt Ion:162 Resp: 333367

Ion	Ratio	Lower	Upper
162	100		
164	63.7	42.2	82.2
98	38.7	19.0	59.0



Instrument :
BNA_F
ClientSampleId :
MW-02MS

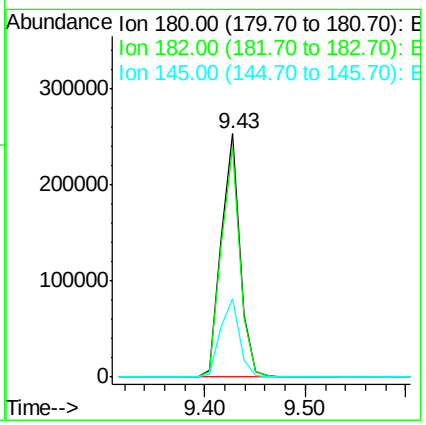
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

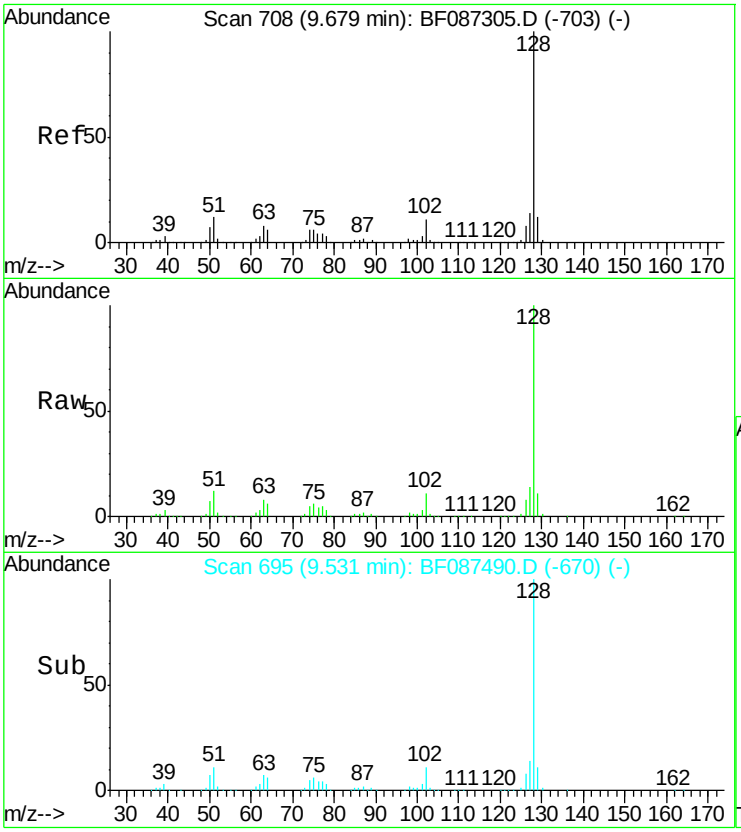


#30
1,2,4-Trichlorobenzene
Concen: 40.94 ng
RT: 9.43 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:180 Resp: 326041

Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.0	117.0
145	32.4	24.2	36.2

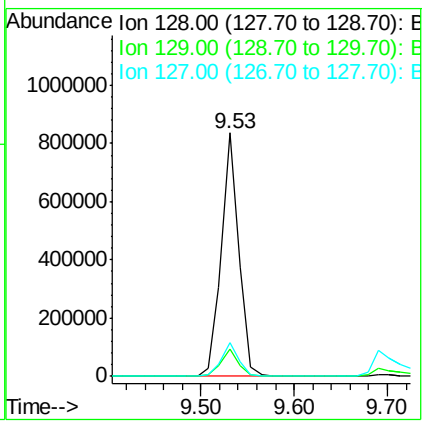




#31
Naphthalene
Concen: 42.08 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

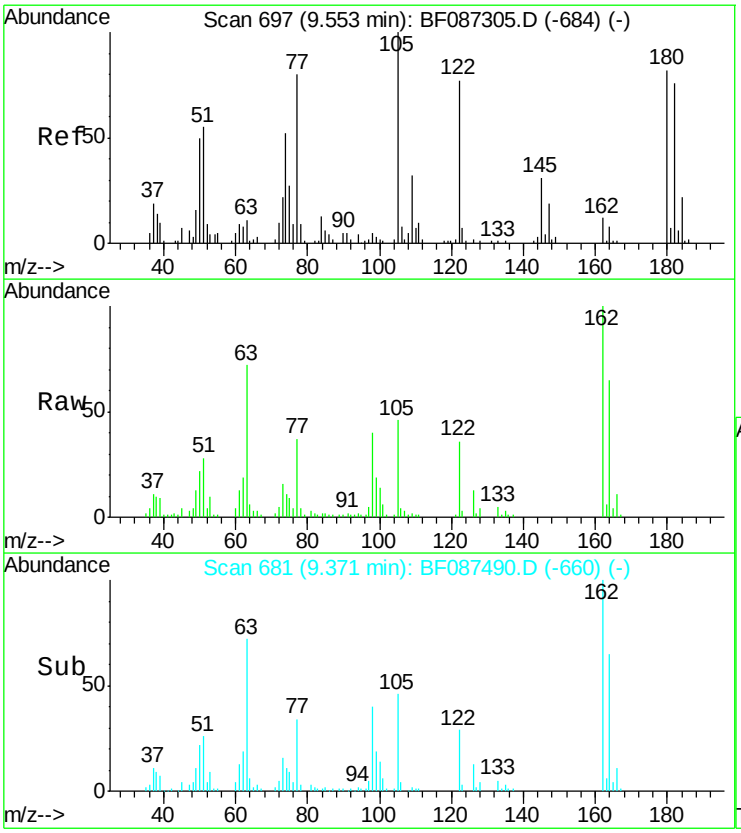
Tgt Ion:128 Resp: 1095227

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.7	10.8	16.2



Instrument :
BNA_F
ClientSampleId :
MW-02MS

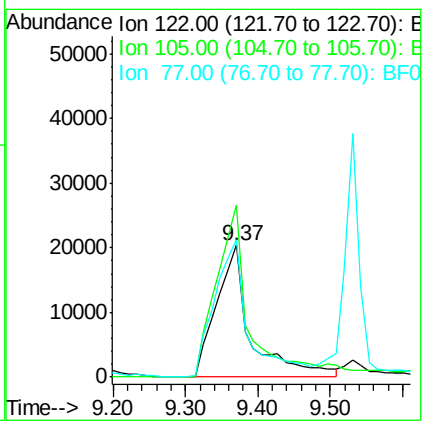
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

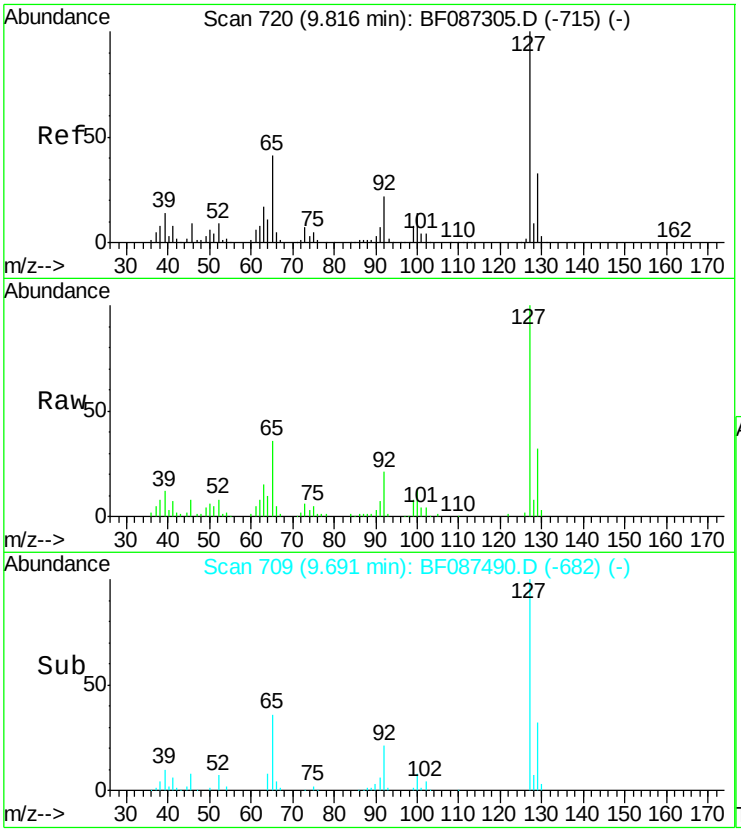


#32
Benzoic acid
Concen: 20.65 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.06 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:122 Resp: 67080

Ion	Ratio	Lower	Upper
122	100		
105	130.0	92.6	132.6
77	103.8	60.0	100.0#

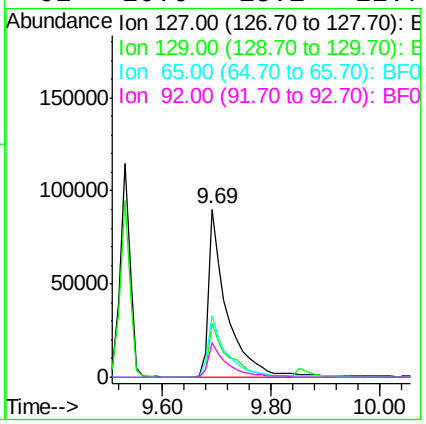




#33
4-Chloroaniline
Concen: 22.38 ng
RT: 9.69 min Scan# 709
Delta R.T. 0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

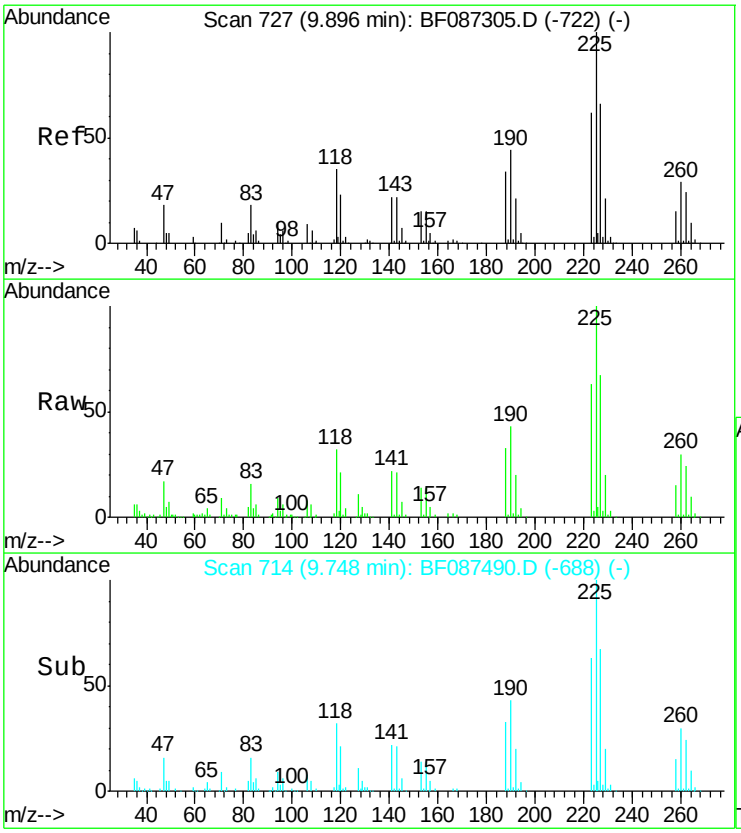
Tgt Ion:127 Resp: 214491

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	36.2	23.0	34.4#
92	20.6	15.1	22.7



Instrument :
BNA_F
ClientSampleId :
MW-02MS

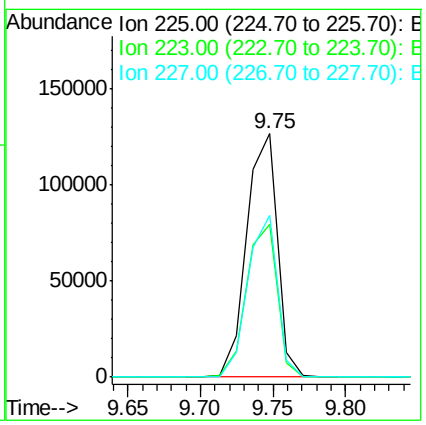
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

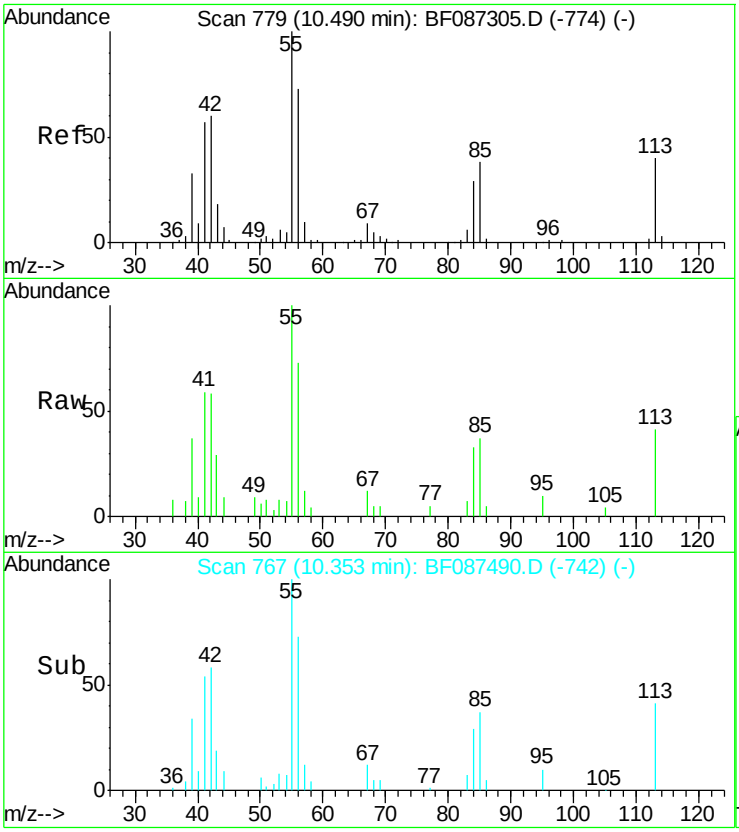


#34
Hexachlorobutadiene
Concen: 38.23 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:225 Resp: 185055

Ion	Ratio	Lower	Upper
225	100		
223	62.8	51.5	77.3
227	66.5	52.2	78.2

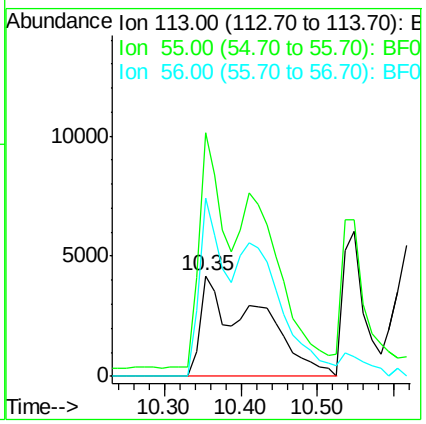




#35
Caprolactam
Concen: 10.49 ng m
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

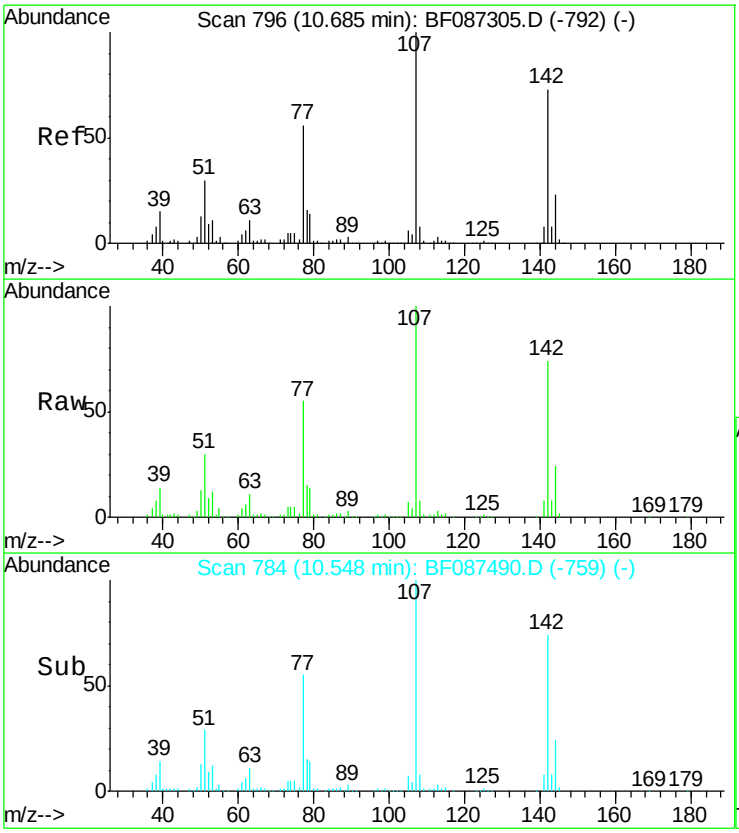
Tgt Ion:113 Resp: 21292

Ion	Ratio	Lower	Upper
113	100		
55	241.9	162.0	202.0#
56	177.0	115.3	155.3#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

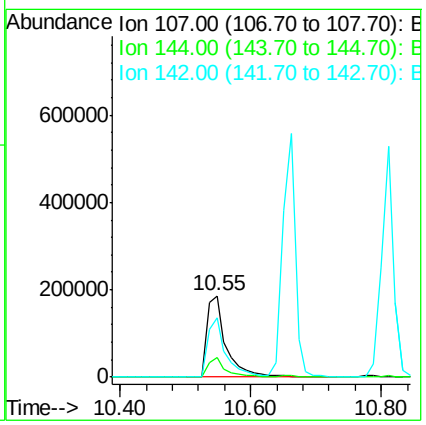
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

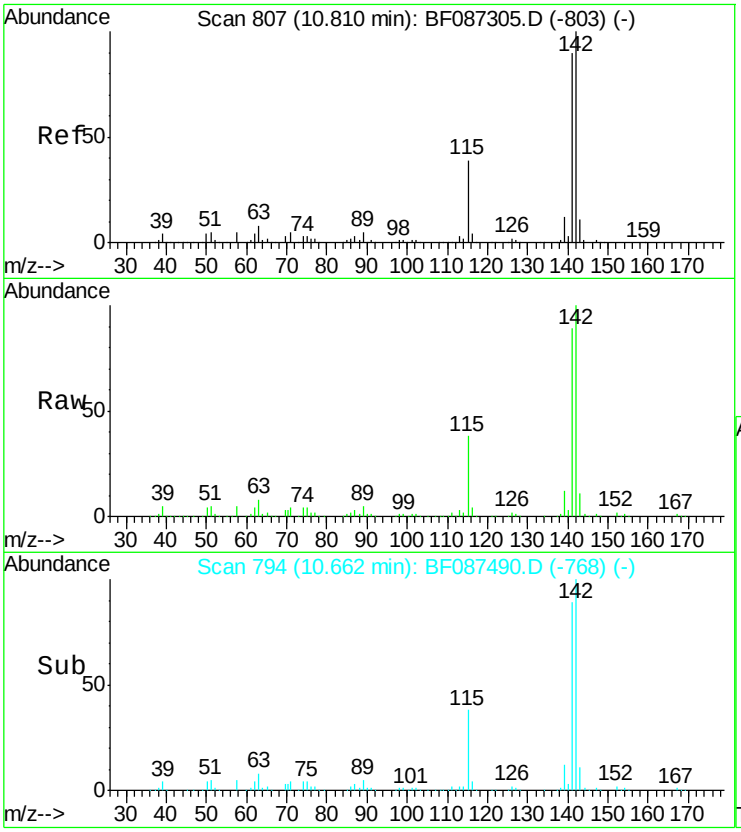


#36
4-Chloro-3-methylphenol
Concen: 48.88 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:107 Resp: 384449

Ion	Ratio	Lower	Upper
107	100		
144	23.9	20.7	31.1
142	73.5	63.2	94.8

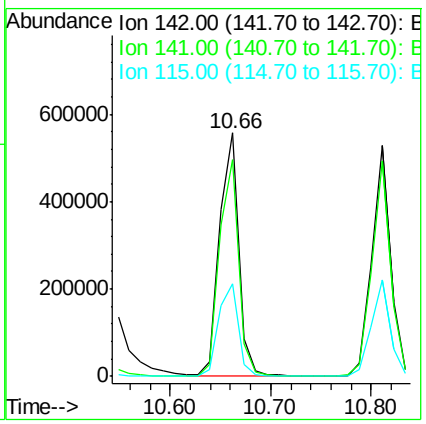




#37
2-Methylnaphthalene
Concen: 45.65 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

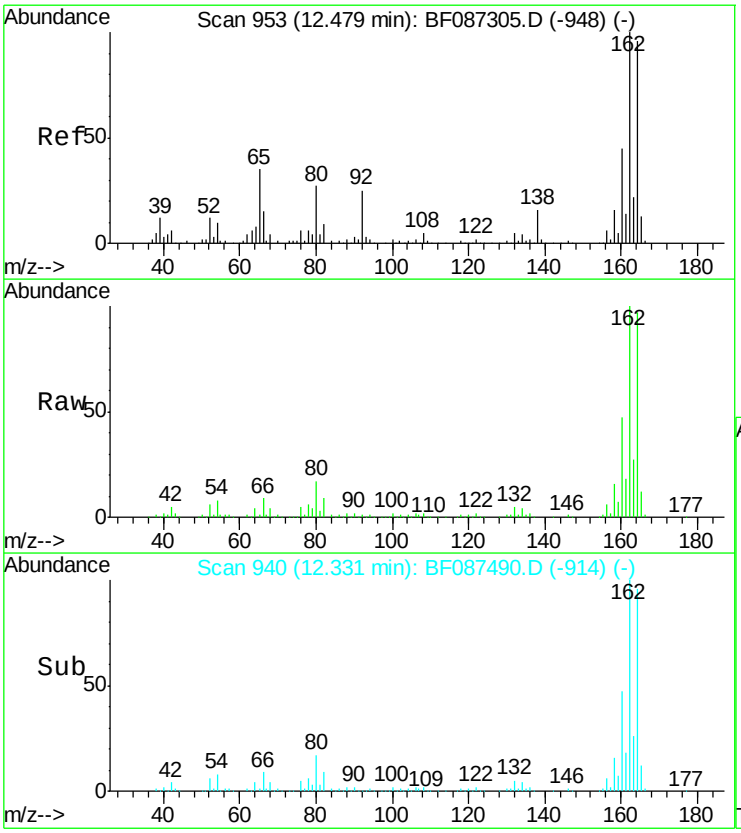
Tgt Ion:142 Resp: 742182

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	38.1	26.6	39.8



Instrument :
BNA_F
ClientSampleId :
MW-02MS

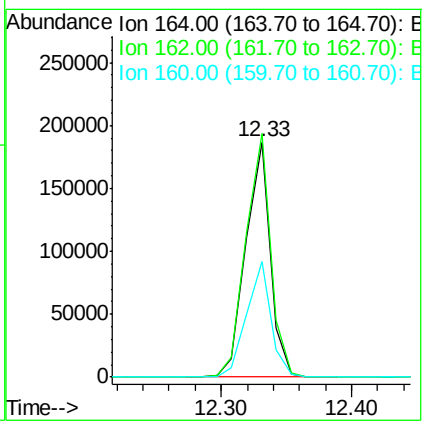
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

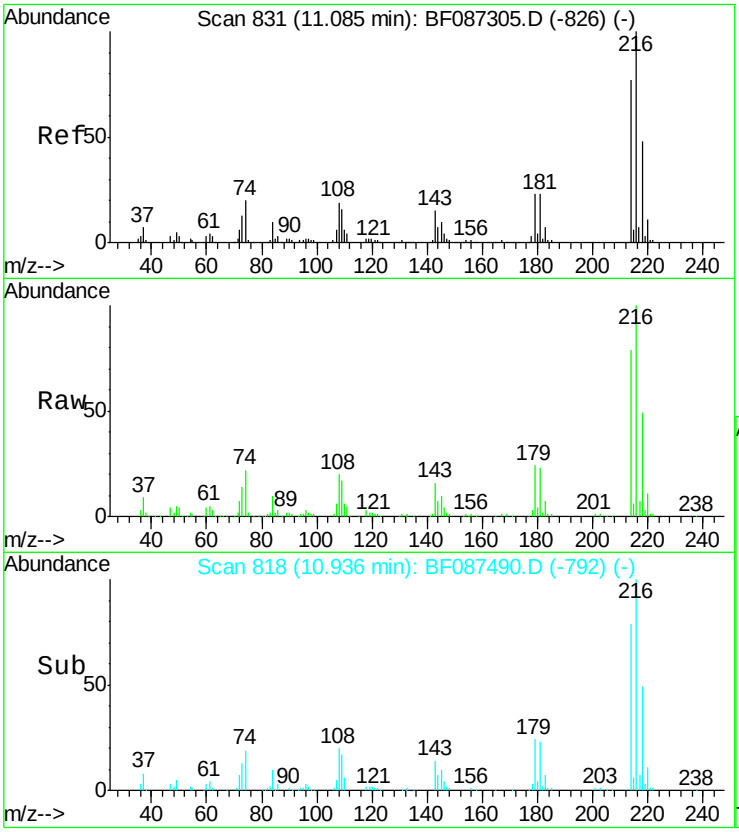


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.33 min Scan# 940
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:164 Resp: 244088

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.8	124.2
160	49.1	36.9	55.3

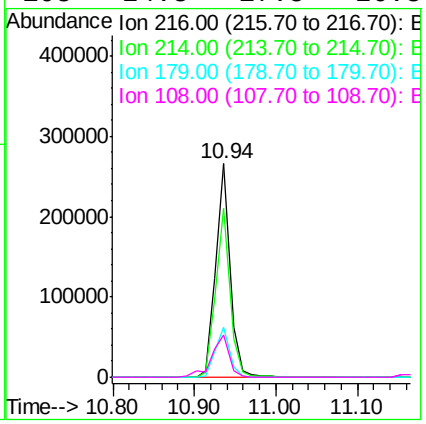




#39
1,2,4,5-Tetrachlorobenzene
Concen: 41.74 ng
RT: 10.94 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

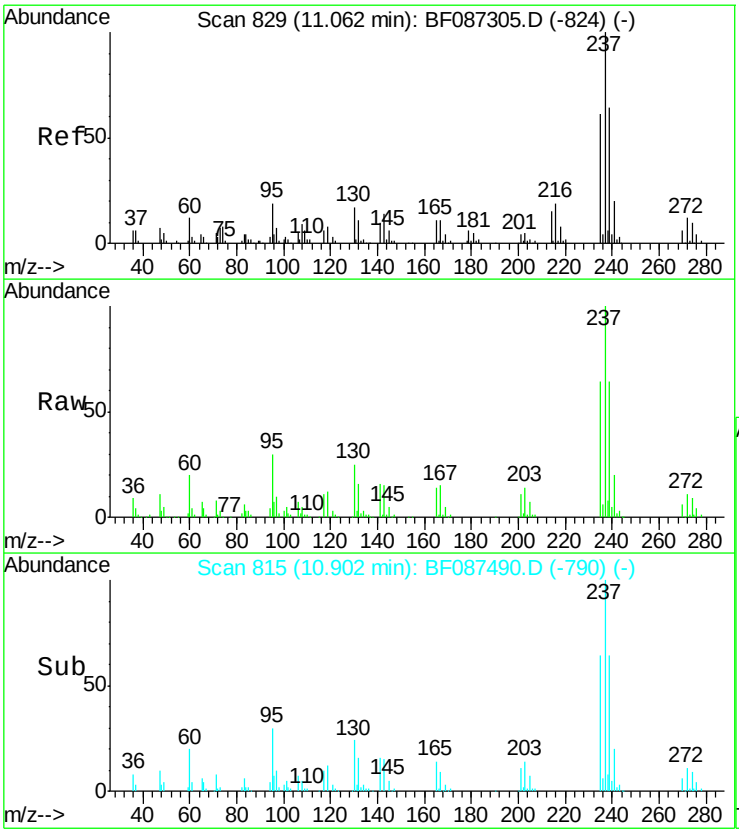
Tgt Ion:216 Resp: 326140

Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.6	93.8
179	23.6	18.2	27.4
108	24.3	17.5	26.3



Instrument :
BNA_F
ClientSampleId :
MW-02MS

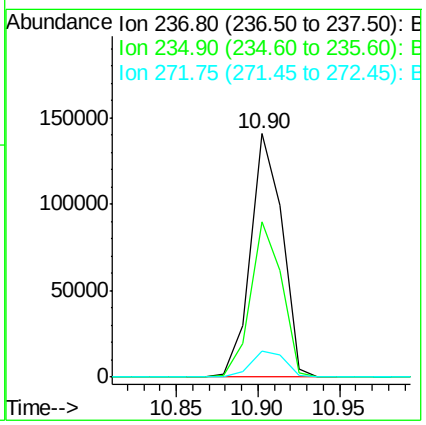
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

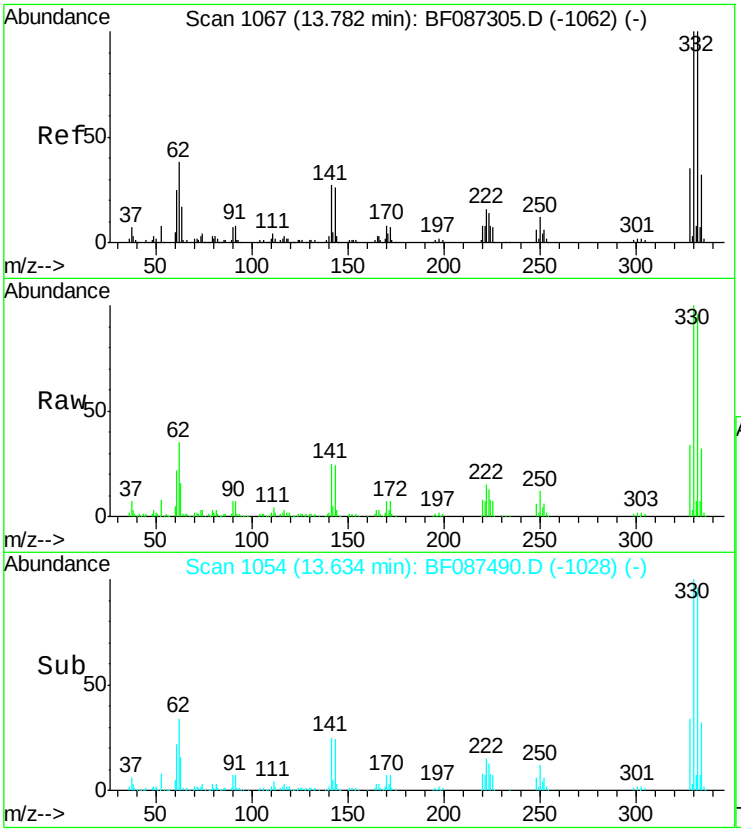


#40
Hexachlorocyclopentadiene
Concen: 61.45 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:237 Resp: 189568

Ion	Ratio	Lower	Upper
237	100		
235	63.6	47.2	87.2
272	10.6	0.0	31.1

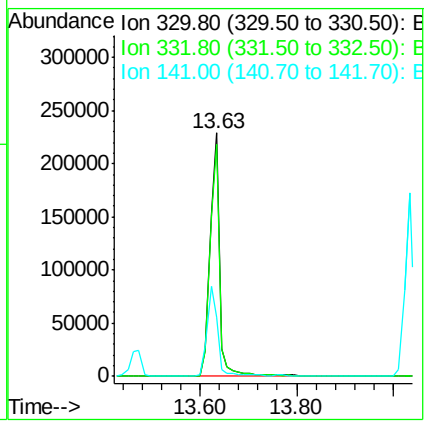




#41
2,4,6-Tribromophenol
Concen: 138.55 ng
RT: 13.63 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

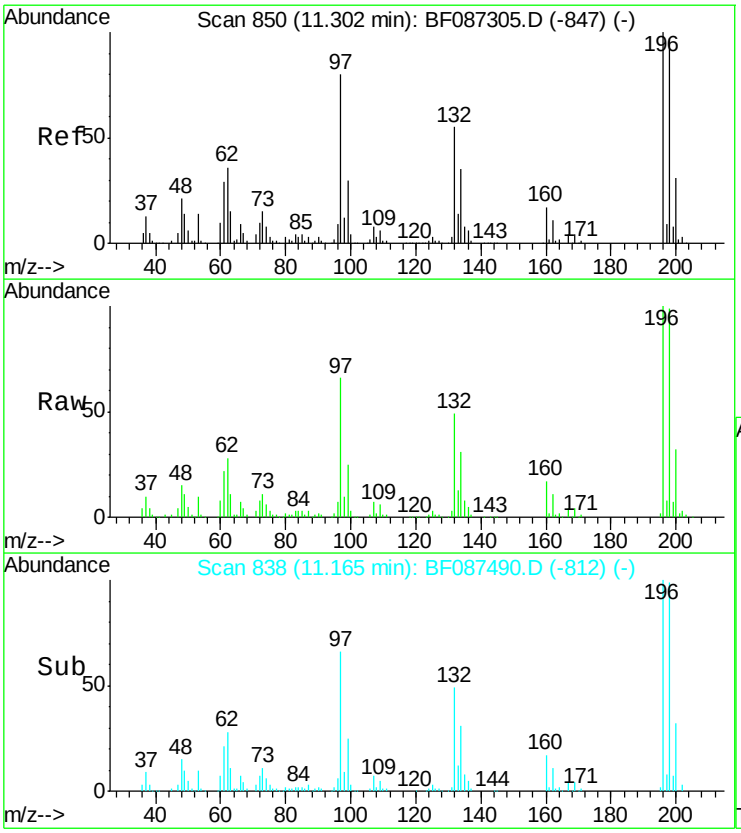
Tgt Ion:330 Resp: 324996

Ion	Ratio	Lower	Upper
330	100		
332	95.6	79.0	118.4
141	40.2	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
MW-02MS

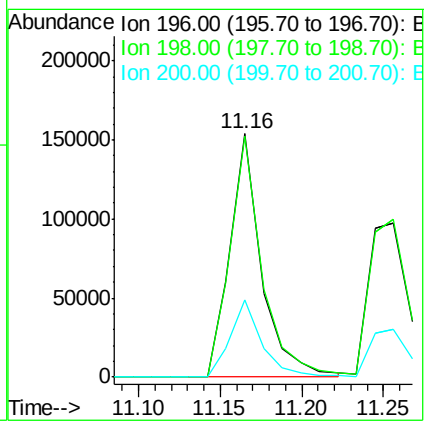
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

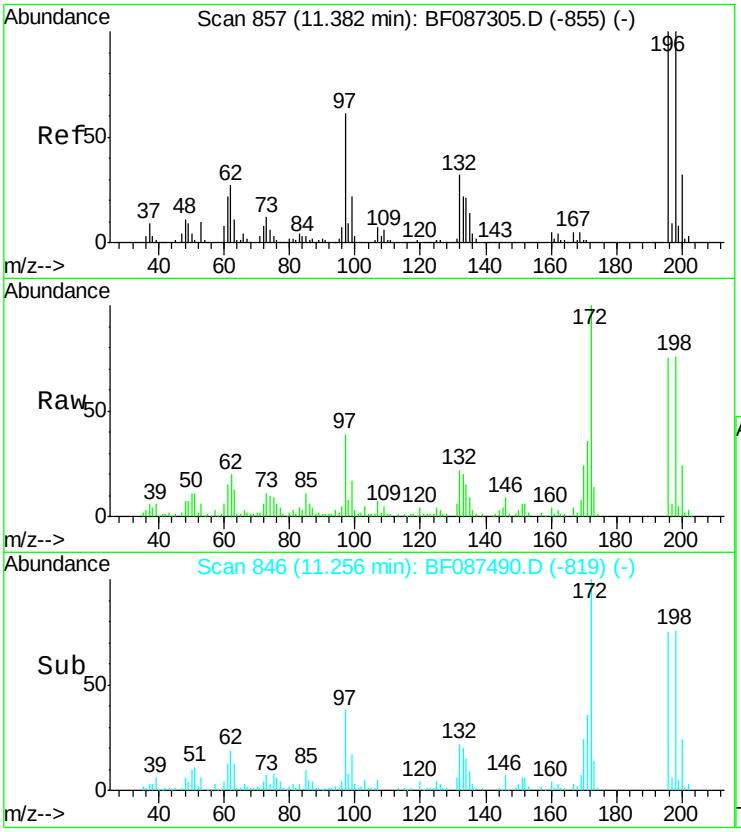


#42
2,4,6-Trichlorophenol
Concen: 45.67 ng
RT: 11.16 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:196 Resp: 205957

Ion	Ratio	Lower	Upper
196	100		
198	99.3	74.7	112.1
200	31.8	23.8	35.6

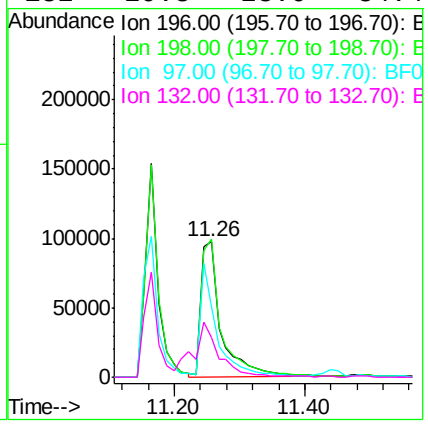




#43
2,4,5-Trichlorophenol
Concen: 45.35 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

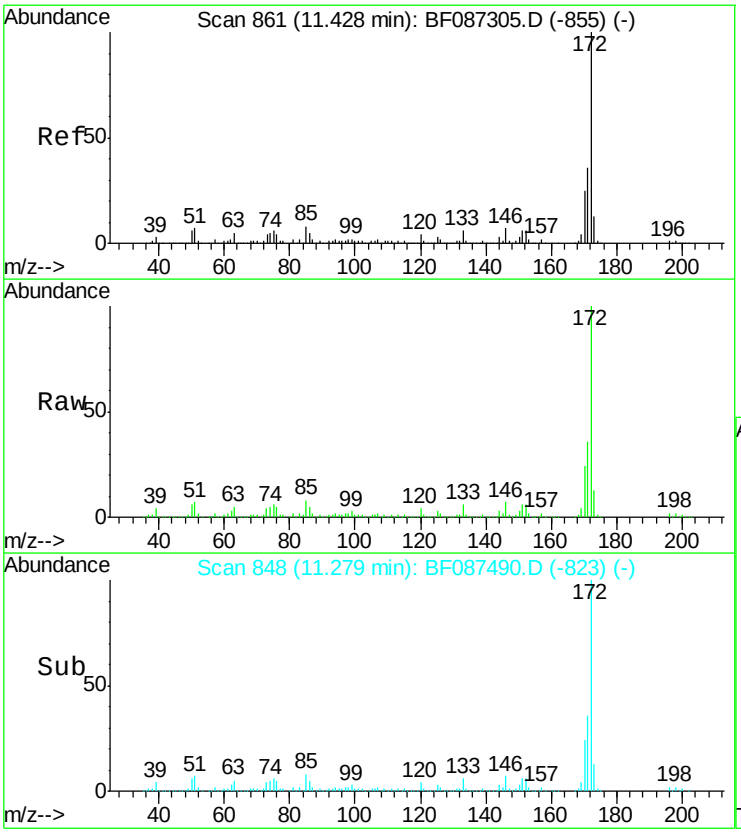
Tgt Ion:196 Resp: 208282

Ion	Ratio	Lower	Upper
196	100		
198	101.8	77.5	116.3
97	52.2	34.8	52.2
132	29.3	23.0	34.4



Instrument :
BNA_F
ClientSampleId :
MW-02MS

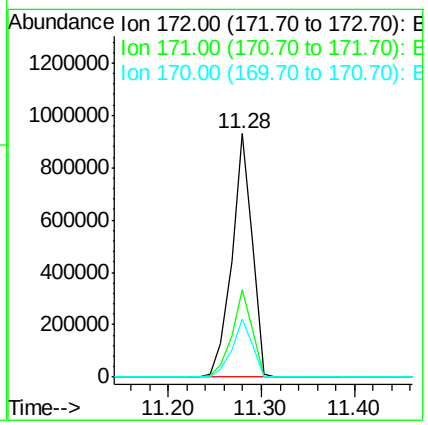
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

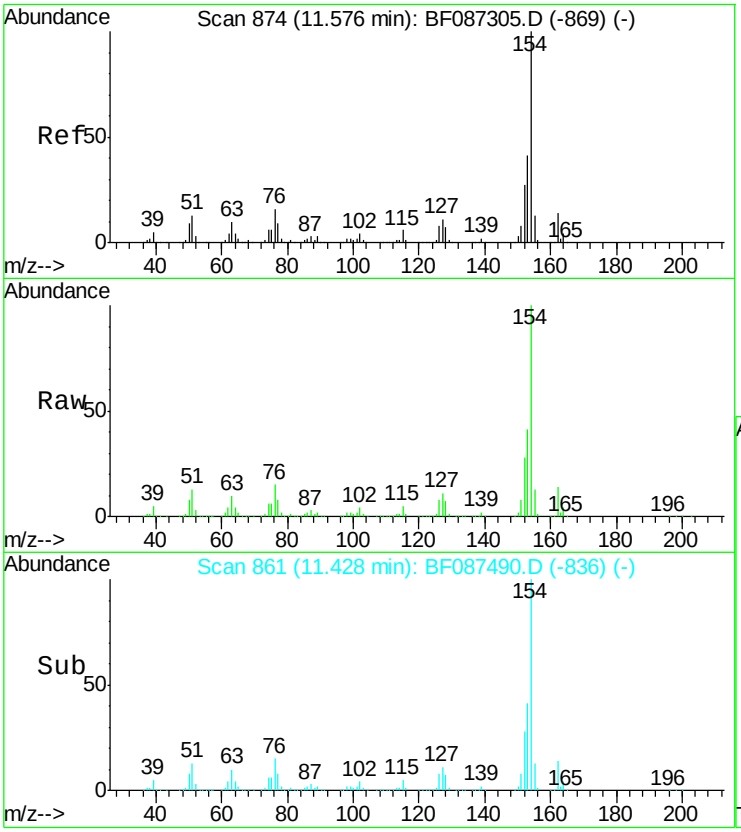


#44
2-Fluorobiphenyl
Concen: 81.16 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:172 Resp: 1405221

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.0	43.6
170	23.8	19.8	29.8

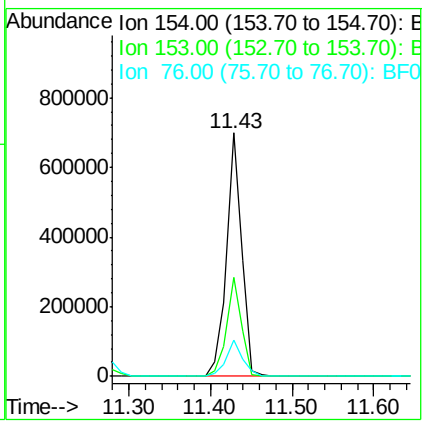




#45
1,1'-Biphenyl
Concen: 43.60 ng
RT: 11.43 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

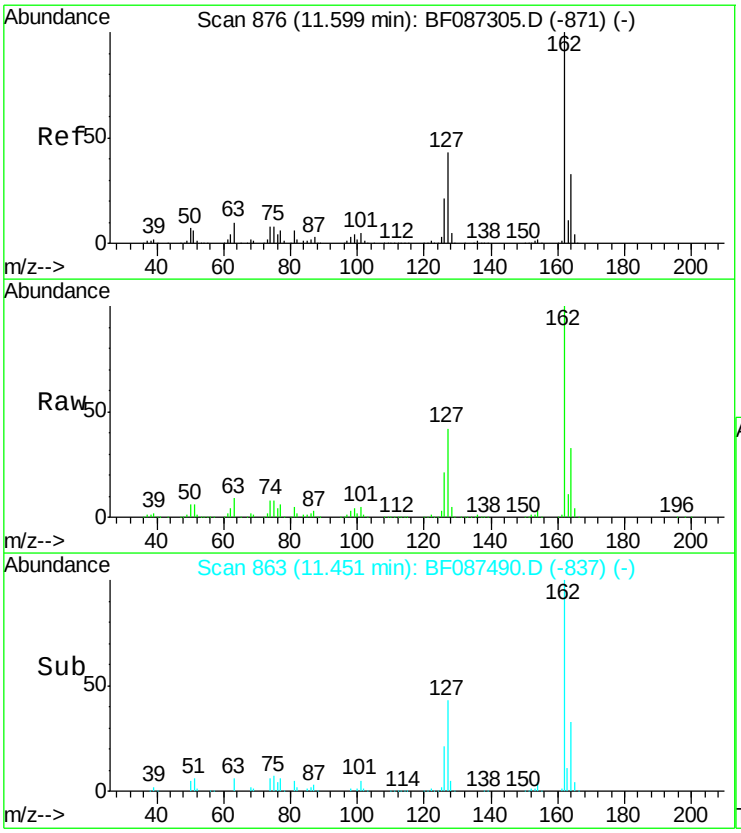
Tgt Ion:154 Resp: 896054

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.3	60.3
76	14.7	0.0	30.2



Instrument :
BNA_F
ClientSampleId :
MW-02MS

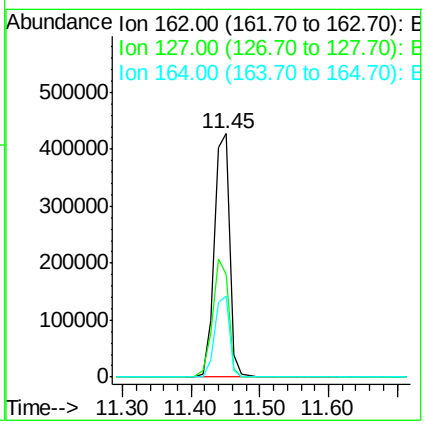
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

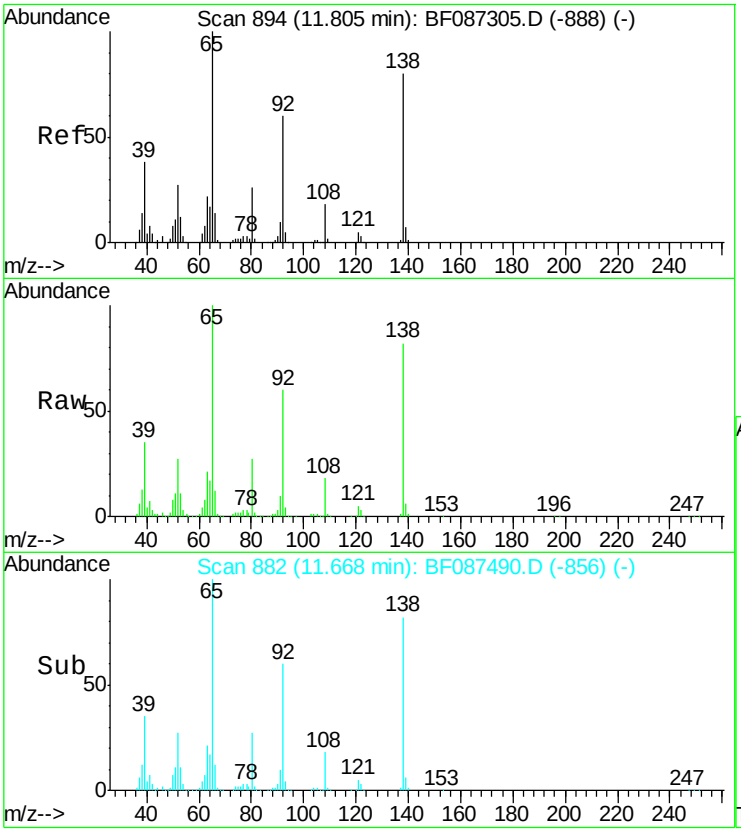


#46
2-Chloronaphthalene
Concen: 43.05 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:162 Resp: 676821

Ion	Ratio	Lower	Upper
162	100		
127	42.2	31.8	47.6
164	33.1	27.0	40.6

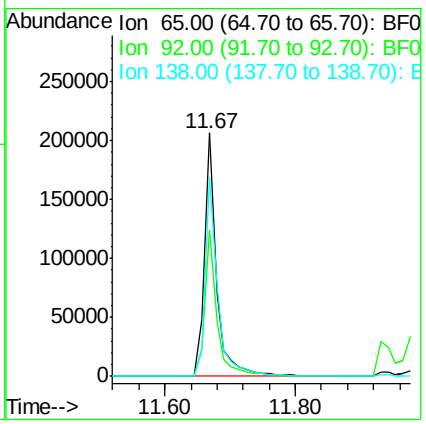




#47
2-Nitroaniline
Concen: 47.29 ng
RT: 11.67 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

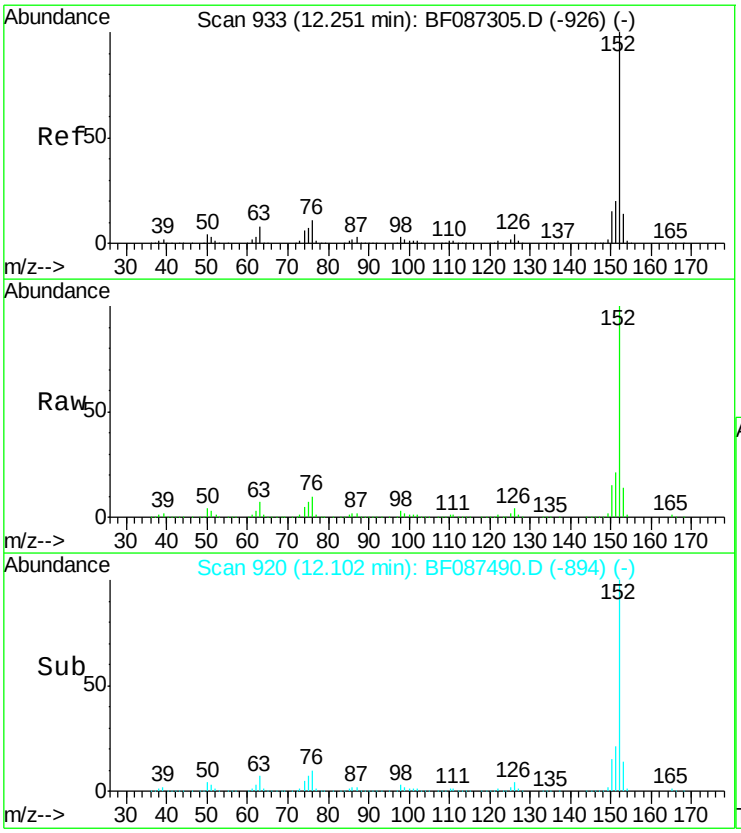
Tgt Ion: 65 Resp: 267888

Ion	Ratio	Lower	Upper
65	100		
92	60.2	57.4	86.2
138	81.7	90.1	135.1#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

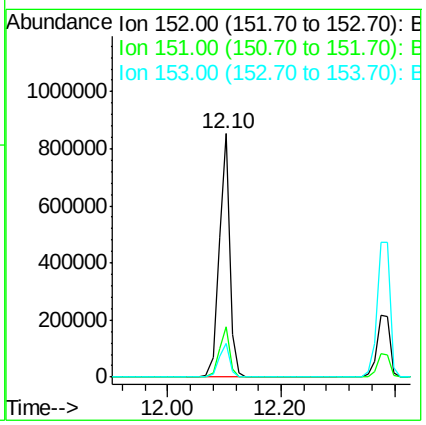
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

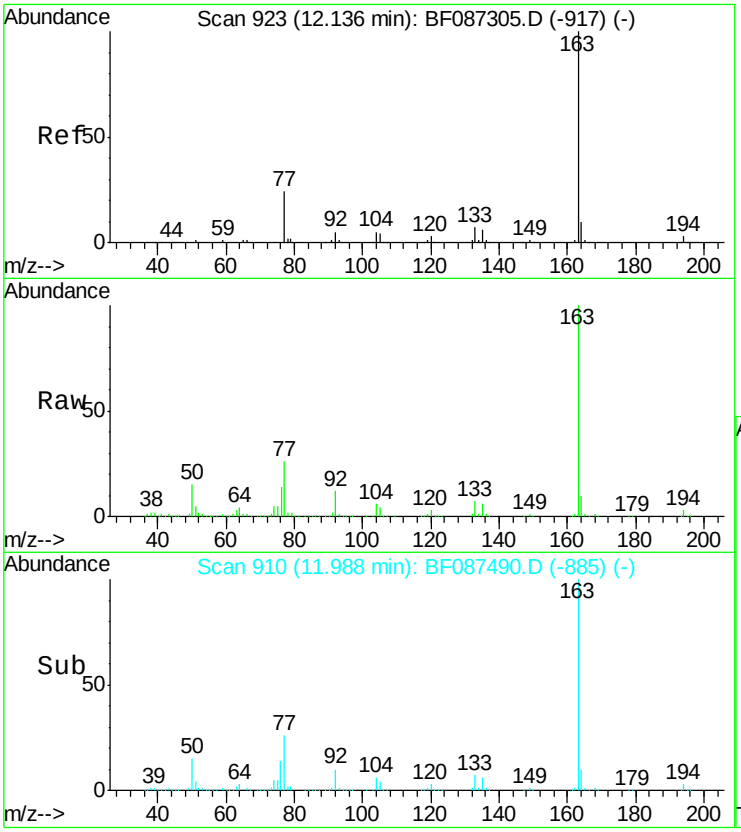


#48
Acenaphthylene
Concen: 44.01 ng
RT: 12.10 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:152 Resp: 1095572

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.8	10.9	16.3

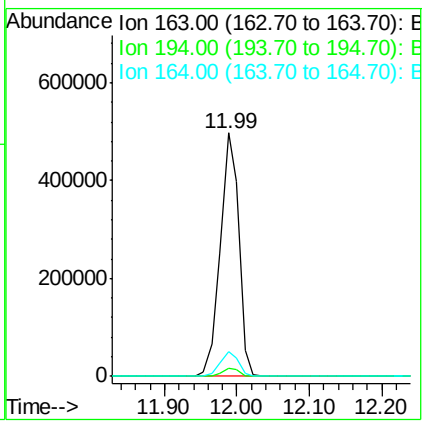




#49
Dimethylphthalate
Concen: 45.10 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

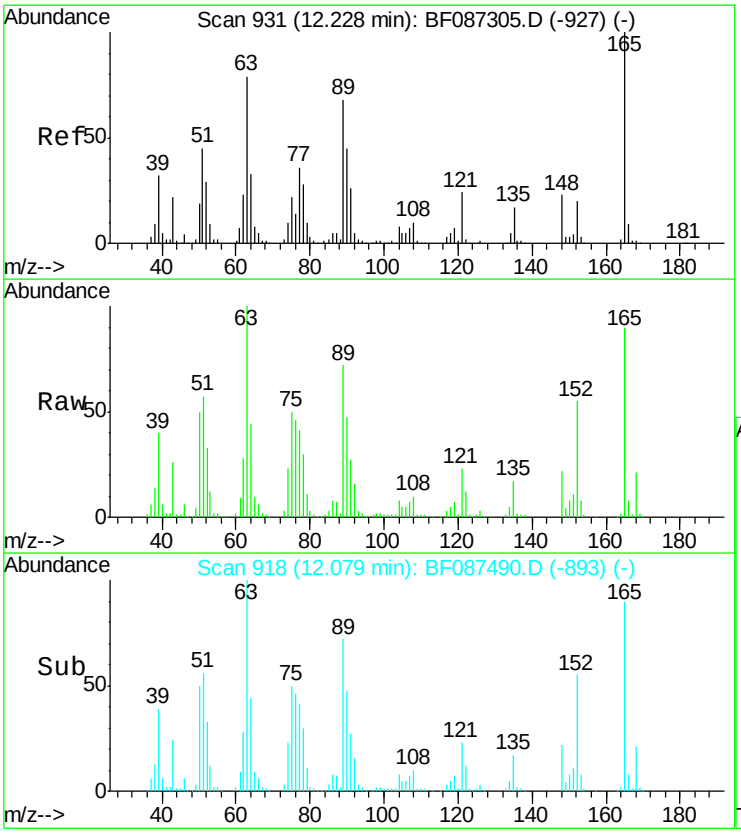
Tgt Ion:163 Resp: 881834

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.2	12.4



Instrument :
BNA_F
ClientSampleId :
MW-02MS

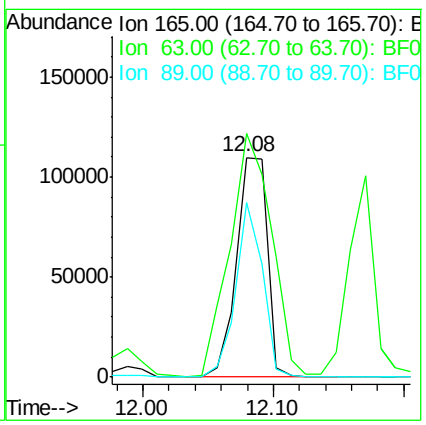
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

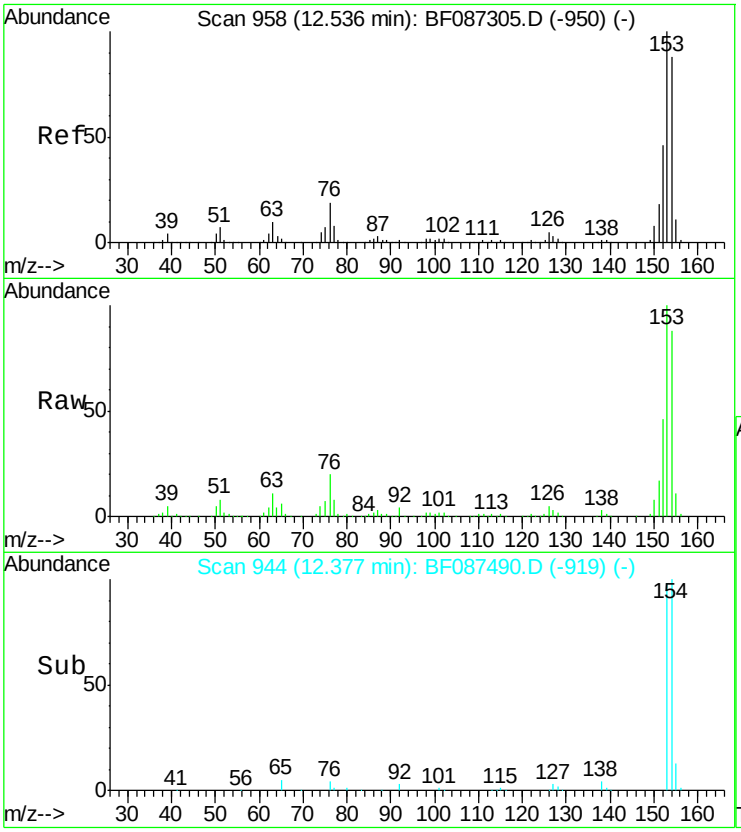


#50
2,6-Dinitrotoluene
Concen: 45.60 ng
RT: 12.08 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:165 Resp: 179644

Ion	Ratio	Lower	Upper
165	100		
63	111.0	51.8	77.8#
89	79.5	50.7	76.1#

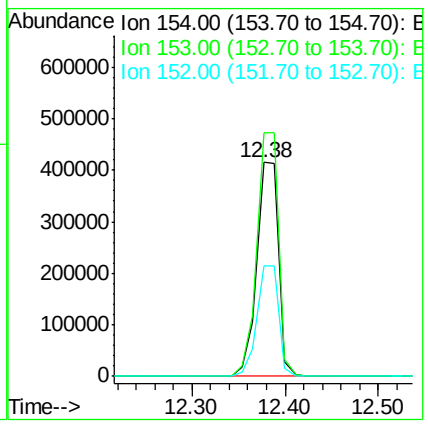




#51
Acenaphthene
Concen: 44.16 ng
RT: 12.38 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

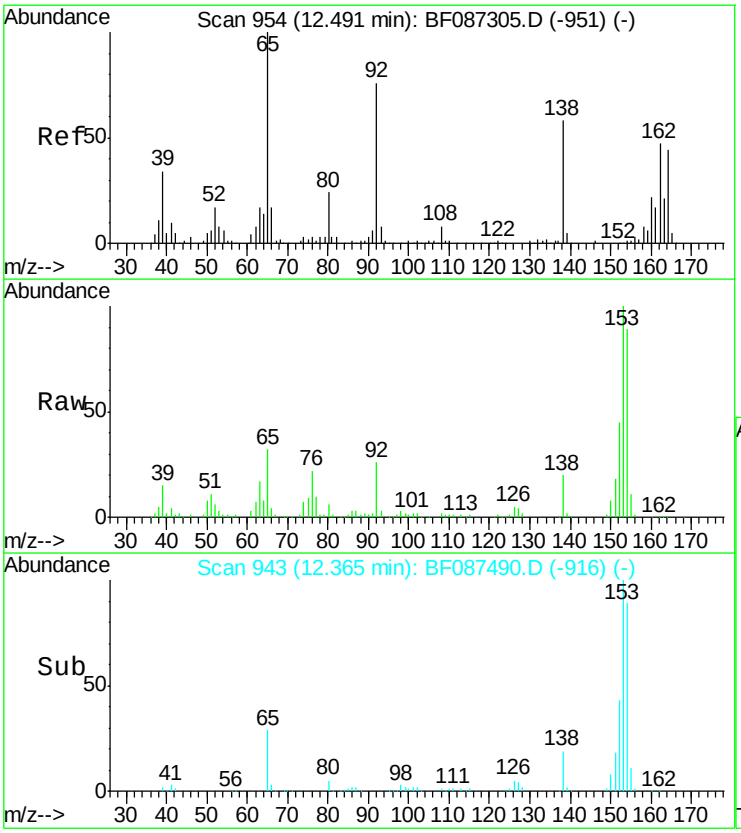
Tgt Ion:154 Resp: 675619

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	51.9	43.4	65.0



Instrument :
BNA_F
ClientSampleId :
MW-02MS

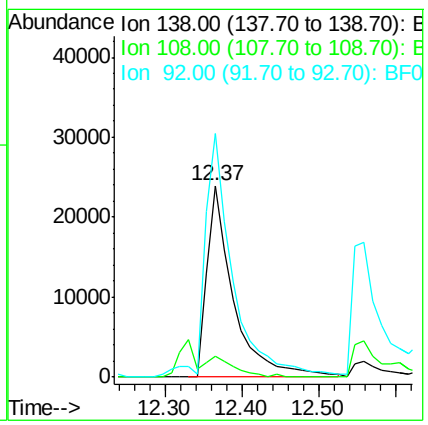
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

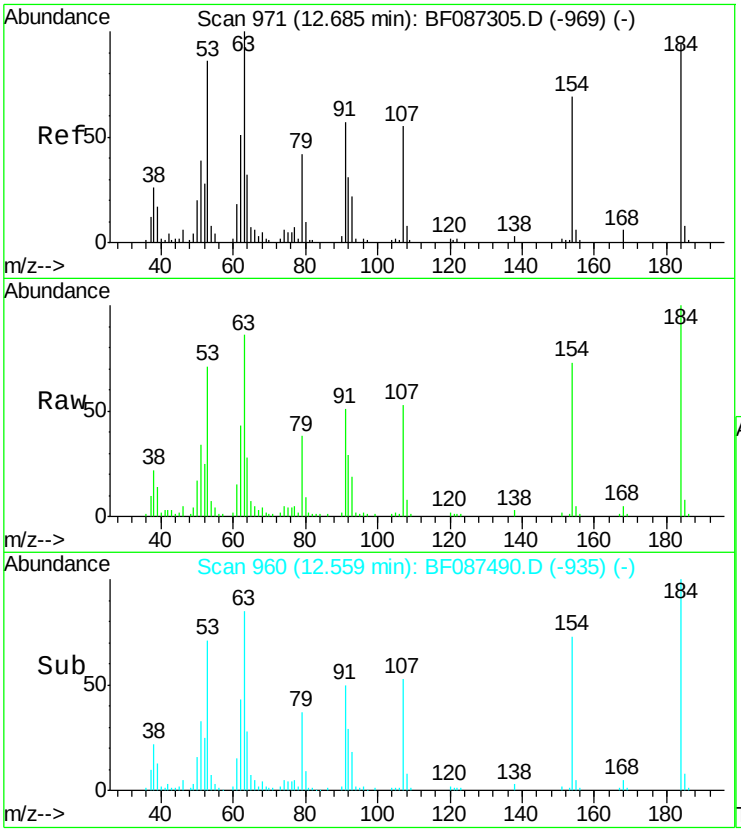


#52
3-Nitroaniline
Concen: 14.10 ng
RT: 12.37 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:138 Resp: 57016

Ion	Ratio	Lower	Upper
138	100		
108	10.8	7.8	11.6
92	127.3	87.8	131.8

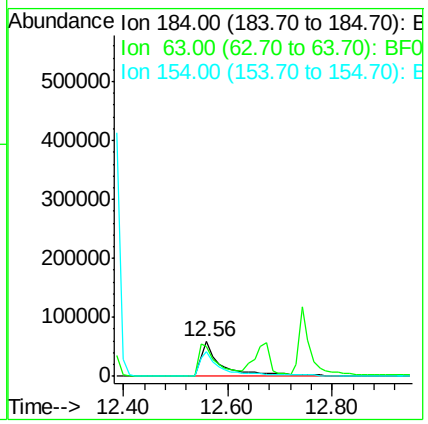




#53
2,4-Dinitrophenol
Concen: 84.95 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

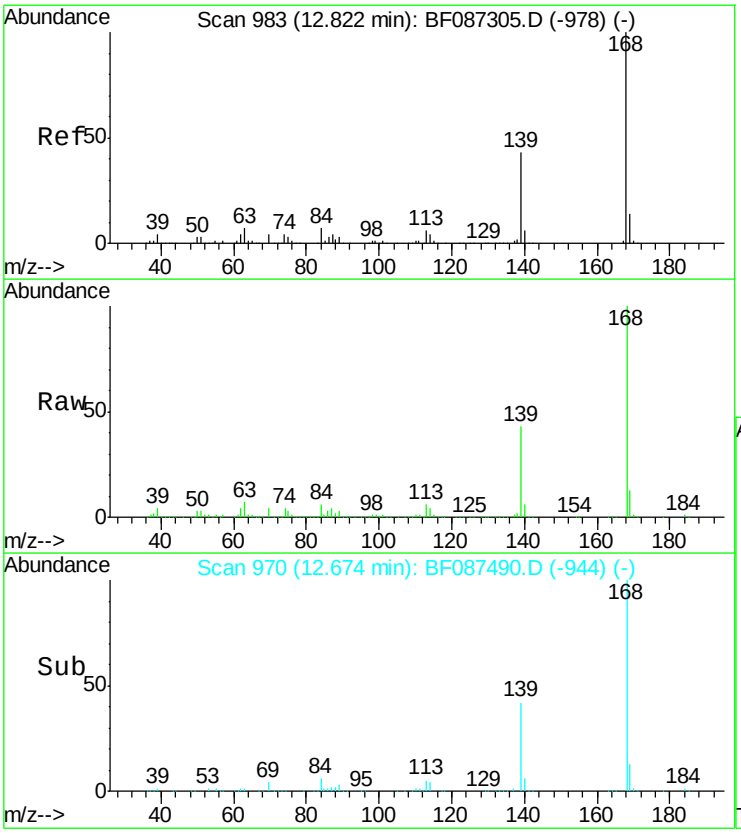
Tgt Ion:184 Resp: 172175

Ion	Ratio	Lower	Upper
184	100		
63	86.1	55.8	83.8#
154	72.6	62.4	93.6



Instrument :
BNA_F
ClientSampleId :
MW-02MS

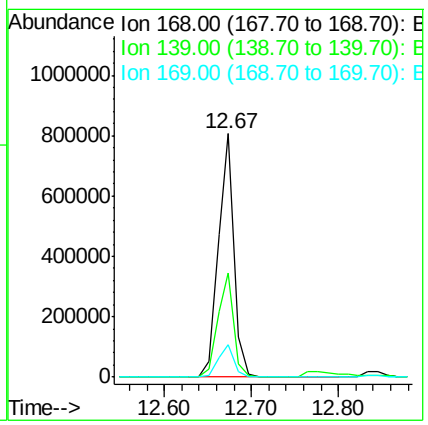
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

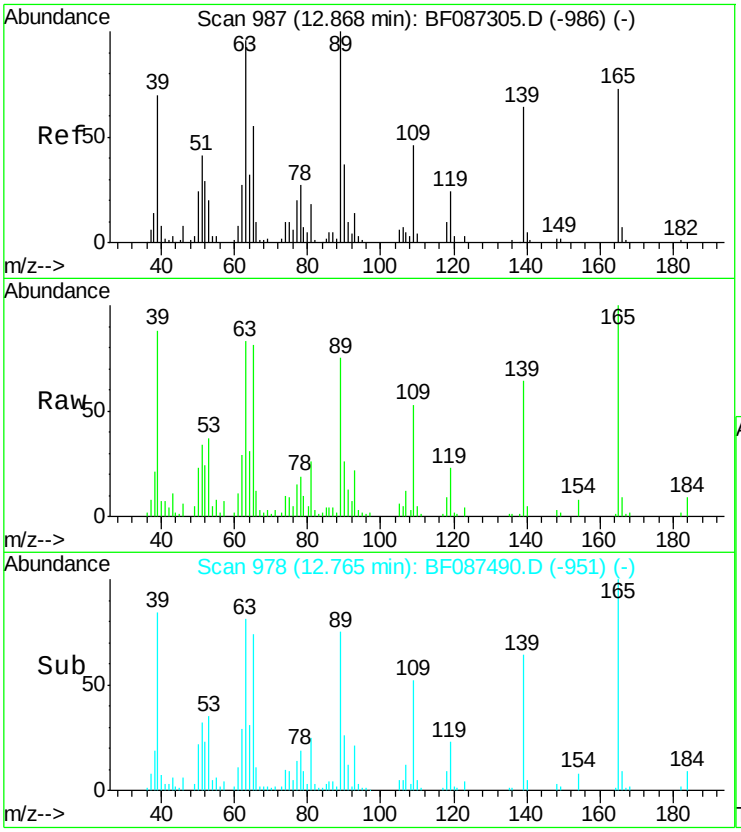


#54
Dibenzofuran
Concen: 48.90 ng
RT: 12.67 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:168 Resp: 1012897

Ion	Ratio	Lower	Upper
168	100		
139	42.6	31.4	47.0
169	13.4	10.7	16.1

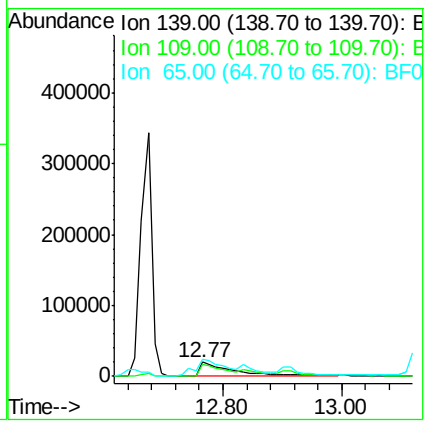




#55
4-Nitrophenol
Concen: 39.06 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

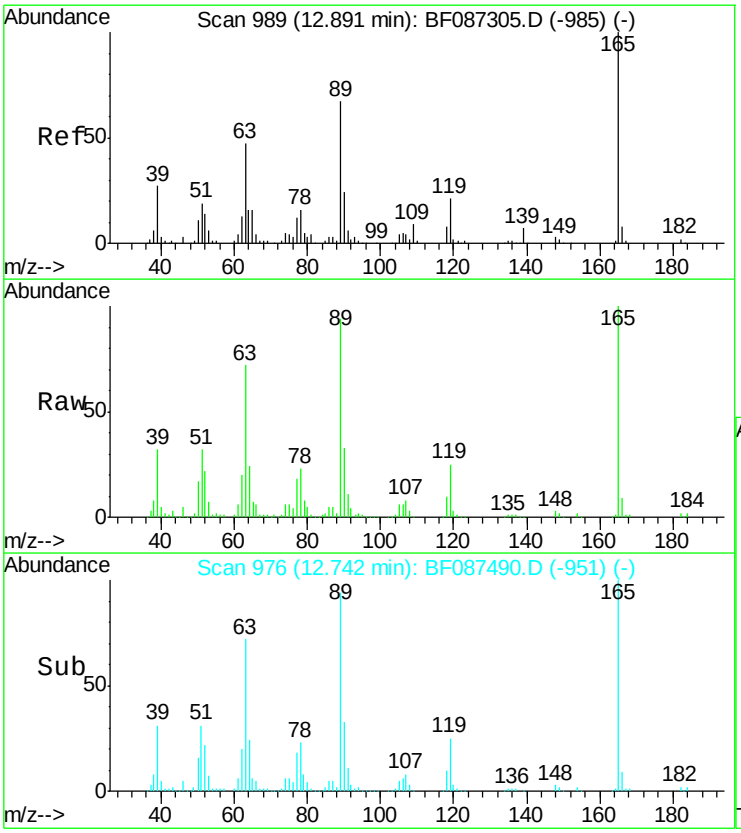
Tgt Ion:139 Resp: 75343

Ion	Ratio	Lower	Upper
139	100		
109	82.8	36.9	76.9#
65	125.7	64.0	104.0#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

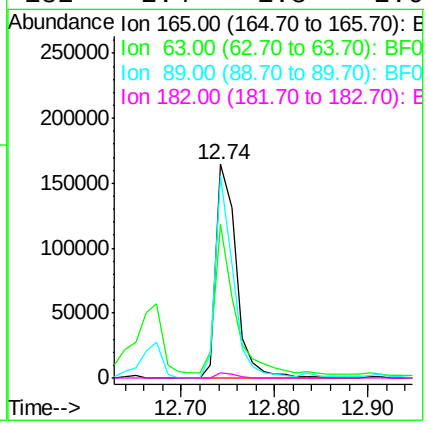
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

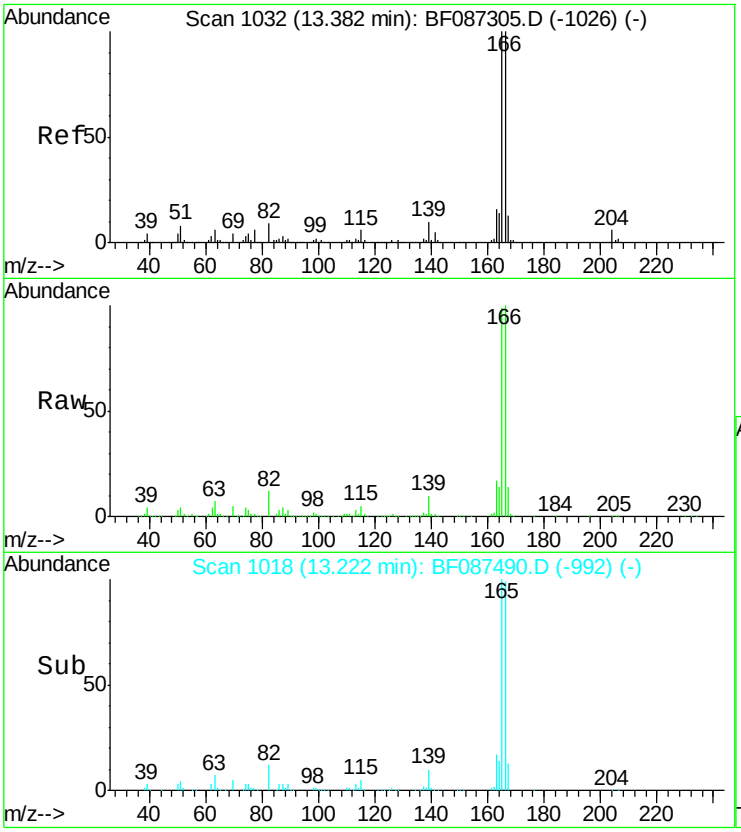


#56
2,4-Dinitrotoluene
Concen: 47.06 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:165 Resp: 247802

Ion	Ratio	Lower	Upper
165	100		
63	71.9	44.3	66.5#
89	94.5	70.0	105.0
182	2.4	1.8	2.6

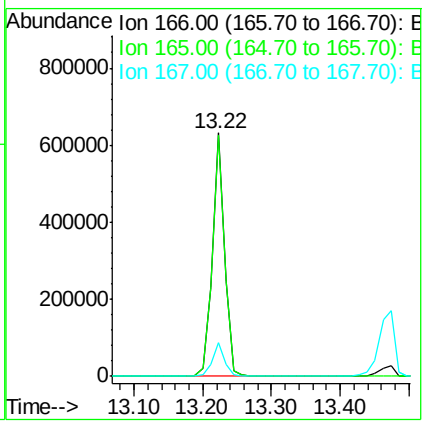




#57
Fluorene
Concen: 44.00 ng
RT: 13.22 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

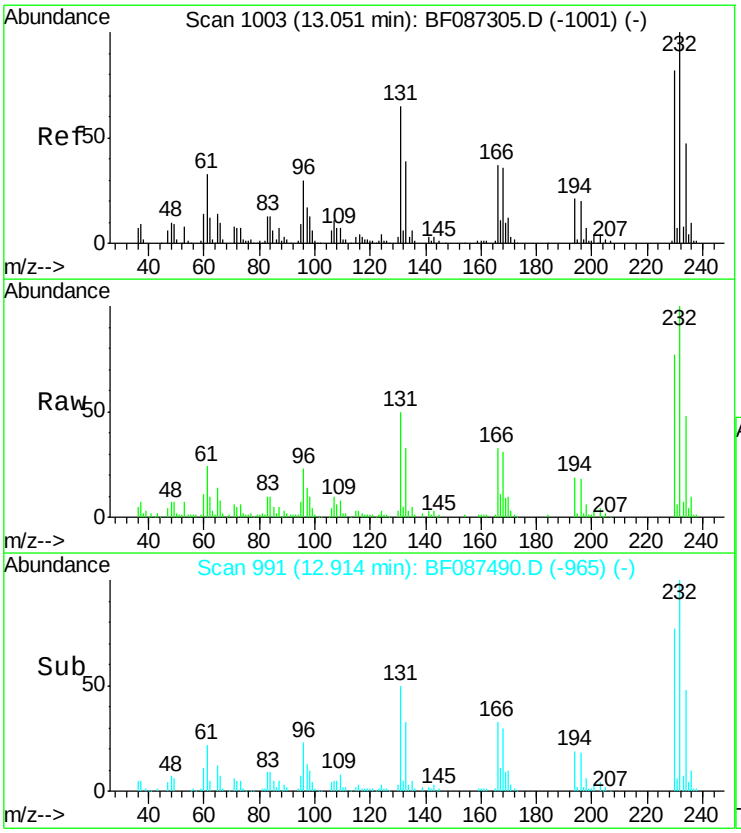
Tgt Ion:166 Resp: 790322

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.7	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
MW-02MS

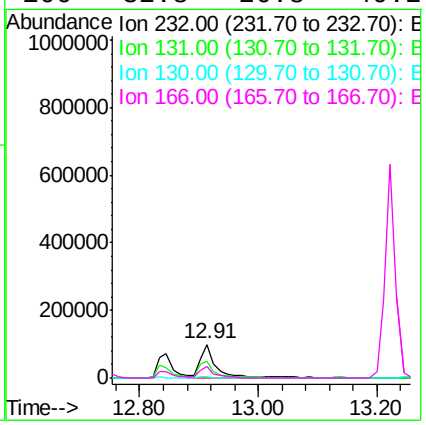
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

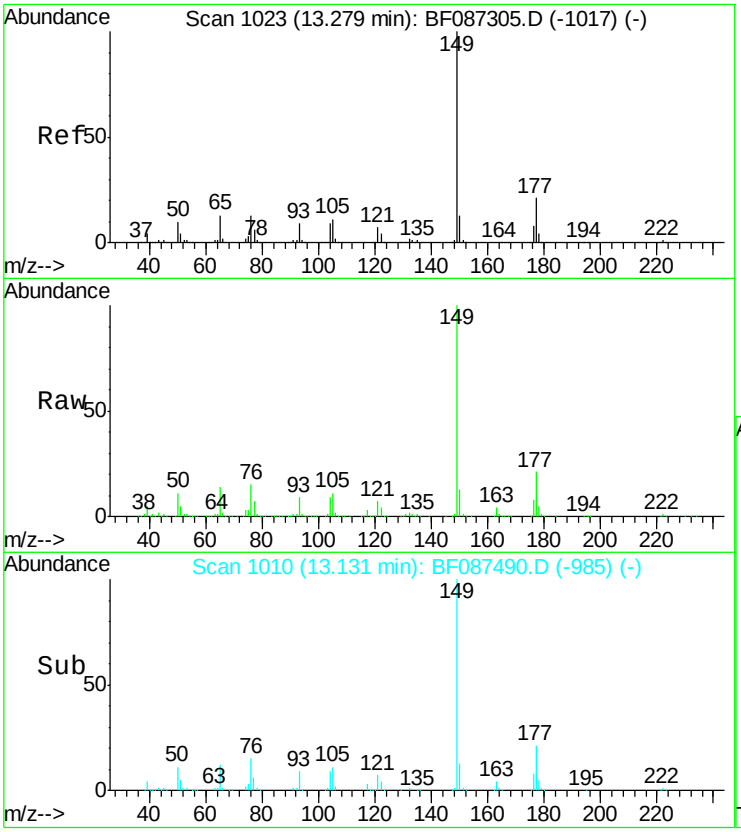


#58
2,3,4,6-Tetrachlorophenol
Concen: 52.60 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:232 Resp: 185842

Ion	Ratio	Lower	Upper
232	100		
131	54.1	41.9	62.9
130	3.4	2.2	3.4
166	32.8	26.8	40.2

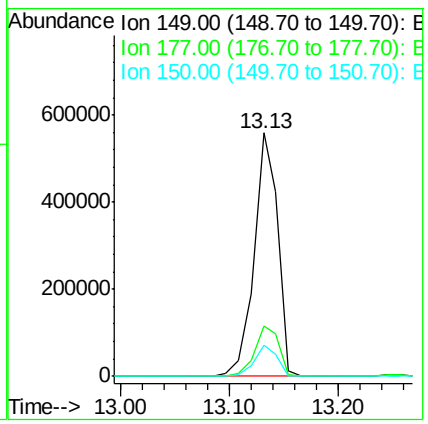




#59
Diethylphthalate
Concen: 44.39 ng
RT: 13.13 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

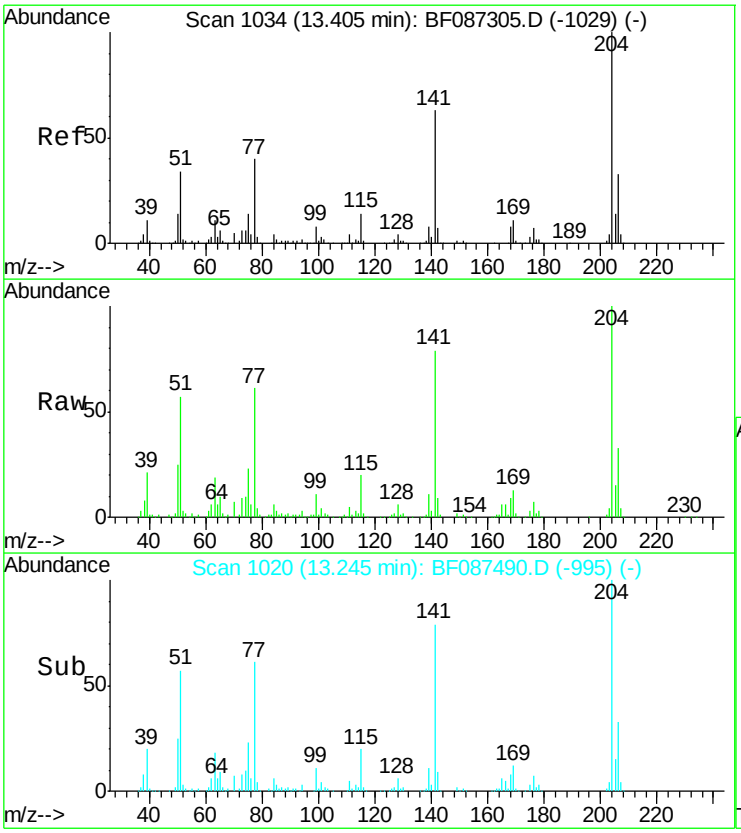
Tgt Ion:149 Resp: 843897

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	24.8
150	12.9	10.0	15.0



Instrument :
BNA_F
ClientSampleId :
MW-02MS

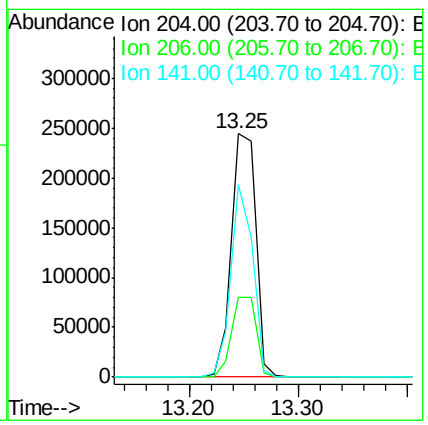
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

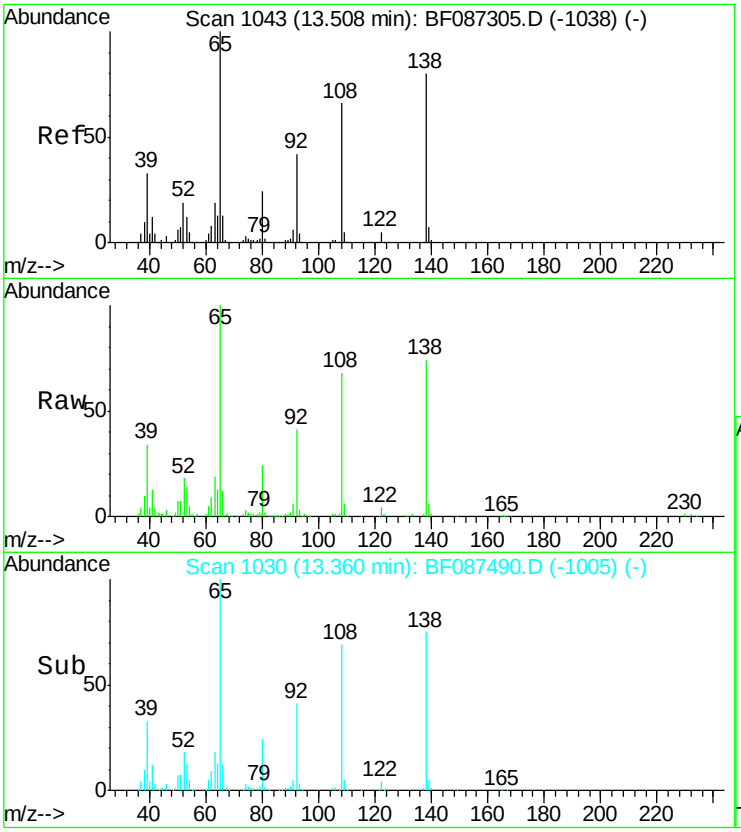


#60
4-Chlorophenyl-phenylether
Concen: 43.07 ng
RT: 13.25 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:204 Resp: 377266

Ion	Ratio	Lower	Upper
204	100		
206	33.0	25.4	38.0
141	78.8	61.6	92.4

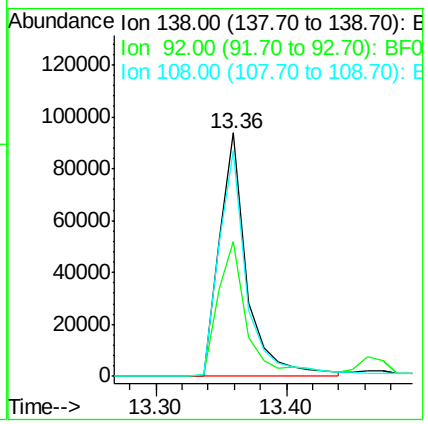




#61
4-Nitroaniline
Concen: 36.41 ng
RT: 13.36 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

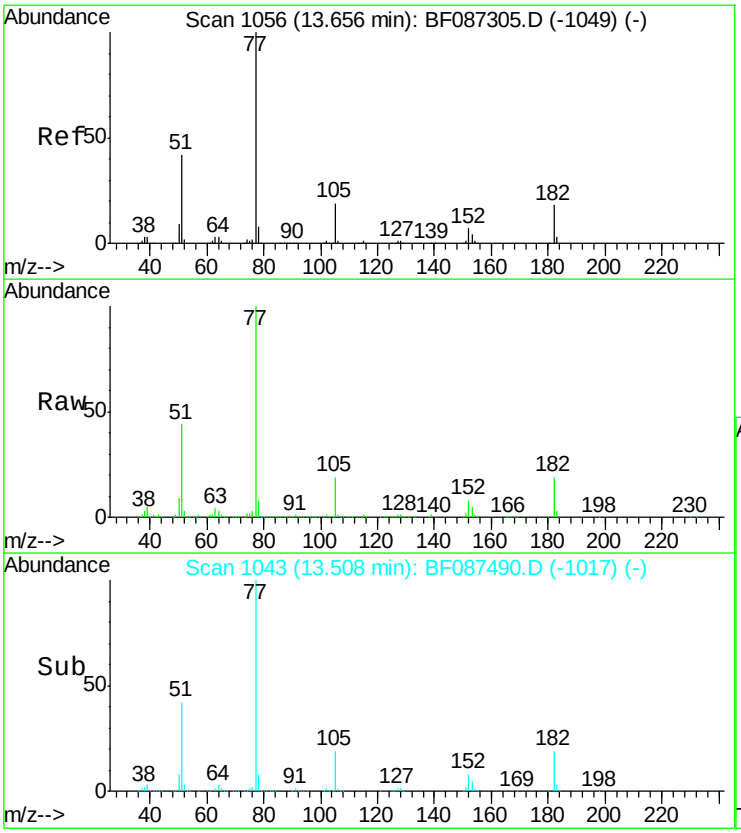
Tgt Ion:138 Resp: 137403

Ion	Ratio	Lower	Upper
138	100		
92	55.4	24.7	64.7
108	92.8	37.4	77.4#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

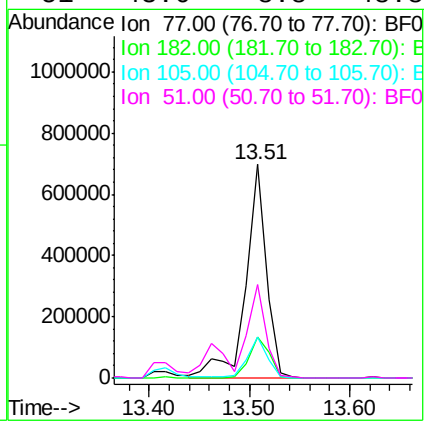
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

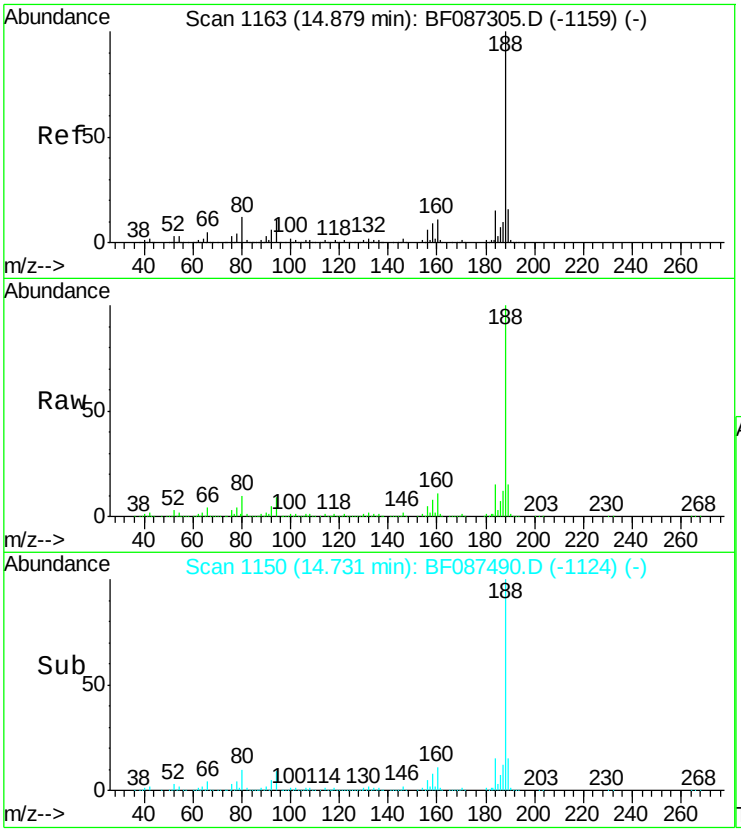


#62
Azobenzene
Concen: 50.23 ng
RT: 13.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion: 77 Resp: 990560

Ion	Ratio	Lower	Upper
77	100		
182	19.2	0.0	38.8
105	19.5	3.2	43.2
51	43.6	8.8	48.8





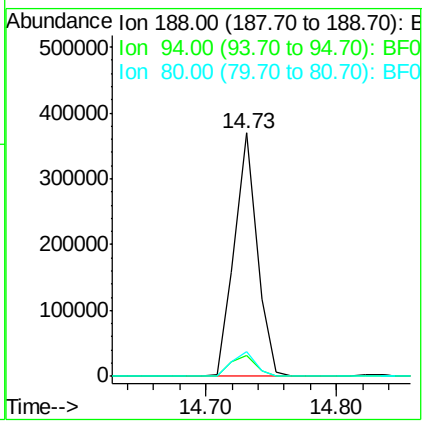
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

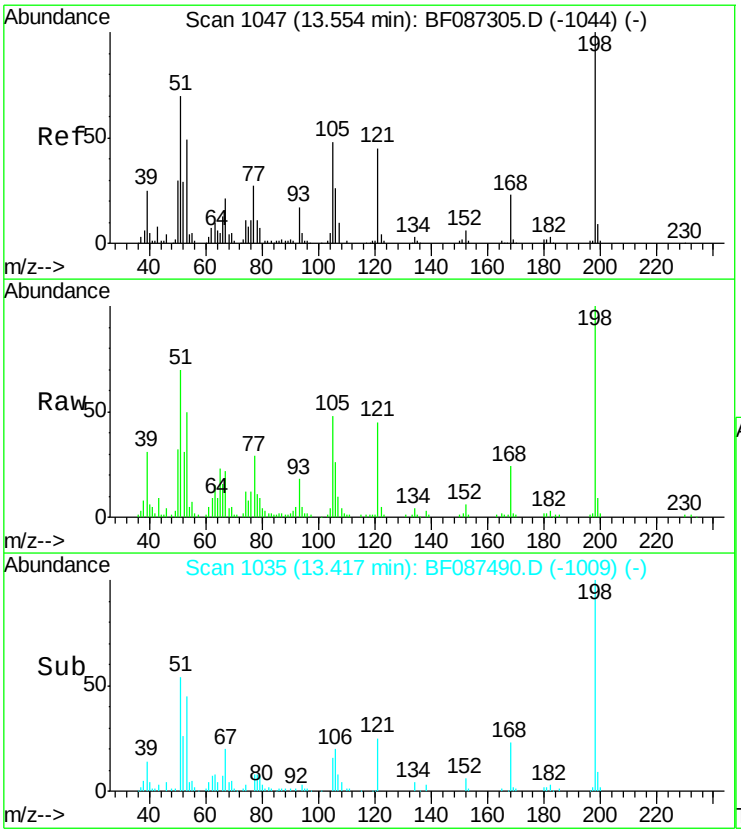
Tgt Ion:188 Resp: 449840

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.8	10.2
80	10.0	7.1	10.7

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

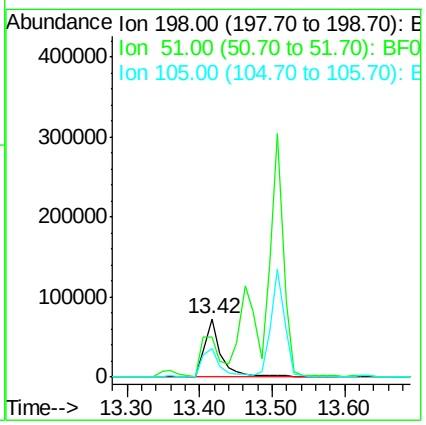


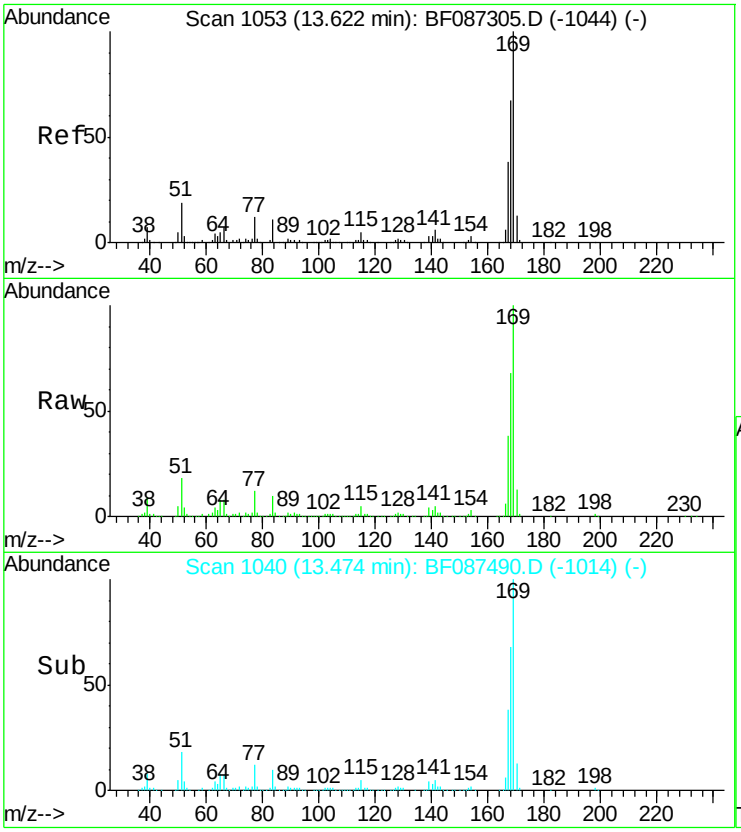


#64
4,6-Dinitro-2-methylphenol
Concen: 41.75 ng
RT: 13.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:198 Resp: 119428

Ion	Ratio	Lower	Upper
198	100		
51	70.1	20.5	60.5#
105	48.5	24.5	64.5

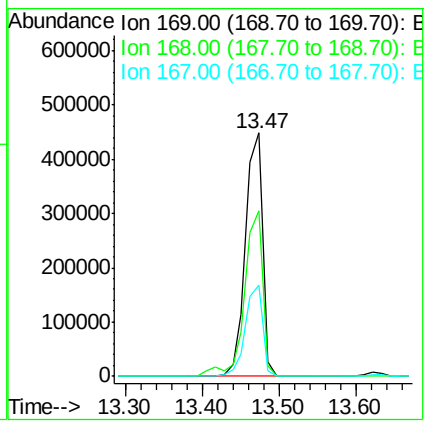




#65
n-Nitrosodiphenylamine
Concen: 47.85 ng
RT: 13.47 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

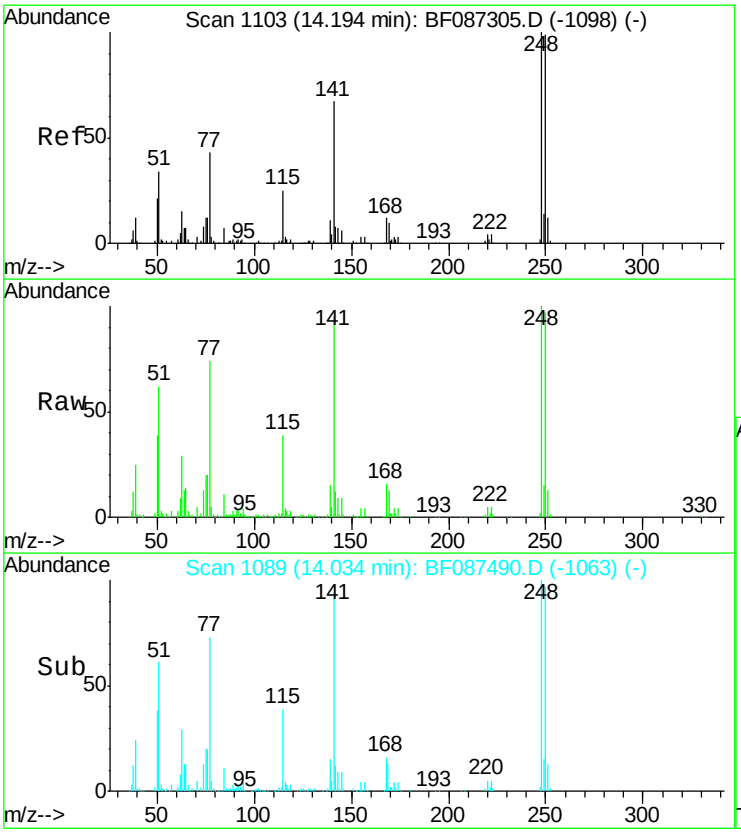
Tgt Ion:169 Resp: 696186

Ion	Ratio	Lower	Upper
169	100		
168	68.1	53.8	80.6
167	37.7	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
MW-02MS

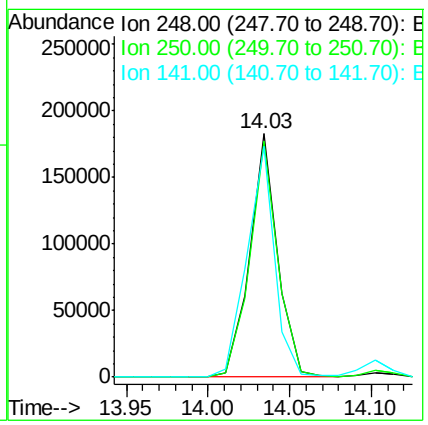
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

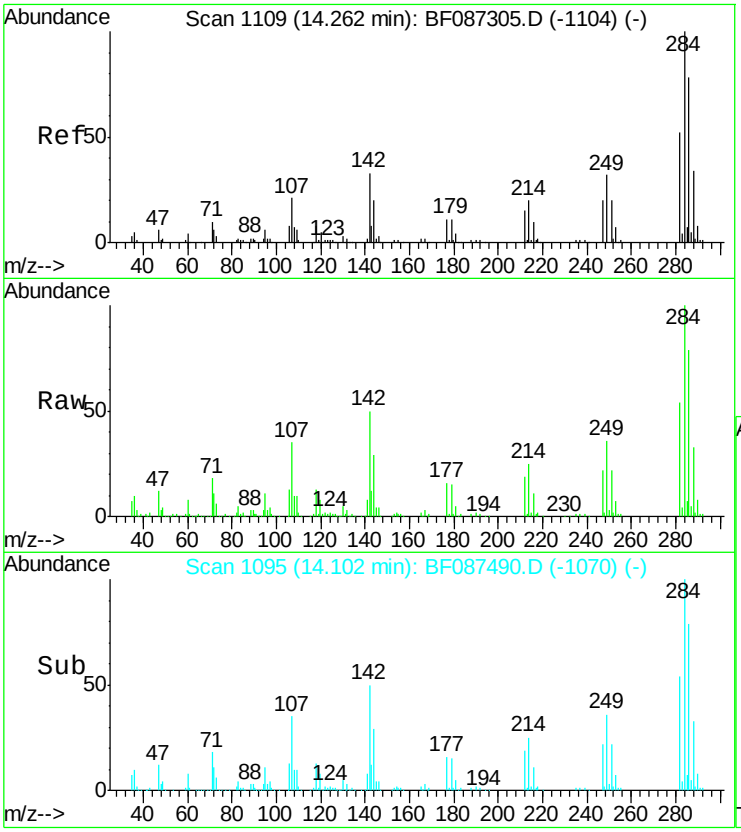


#66
4-Bromophenyl-phenylether
Concen: 43.93 ng
RT: 14.03 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:248 Resp: 216164

Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.6	117.8
141	94.6	76.0	114.0





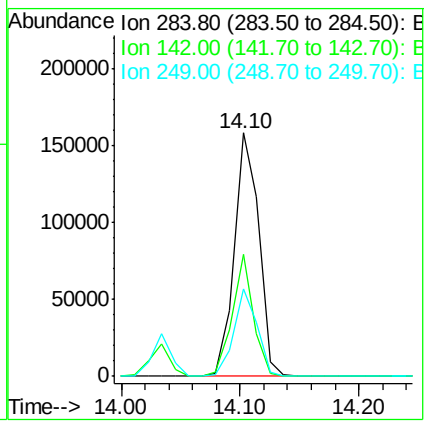
#67
Hexachlorobenzene
Concen: 44.16 ng
RT: 14.10 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

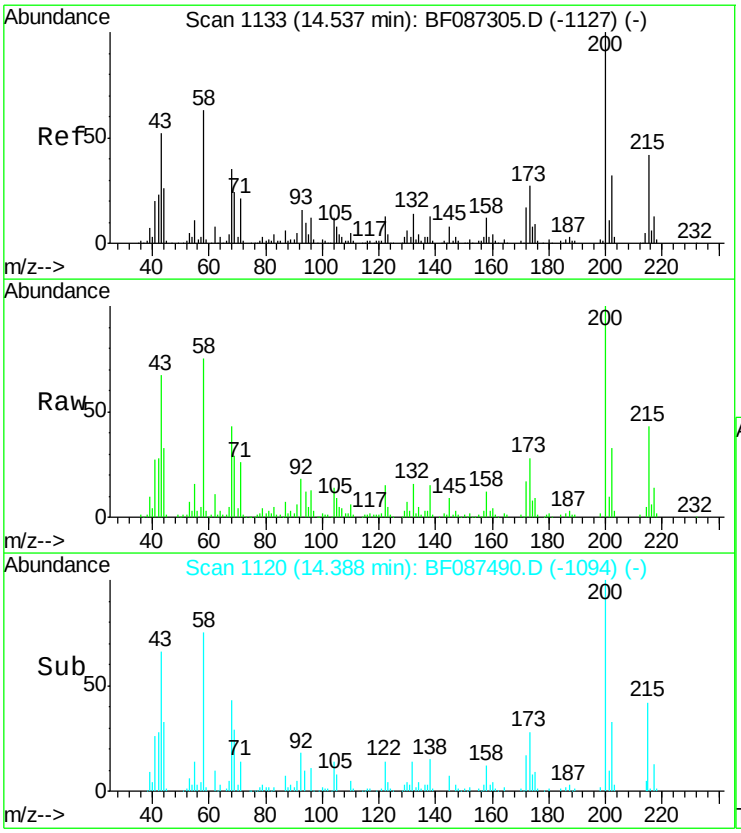
Tgt Ion:284 Resp: 227306

Ion	Ratio	Lower	Upper
284	100		
142	50.1	16.7	25.1#
249	35.8	21.3	31.9#

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

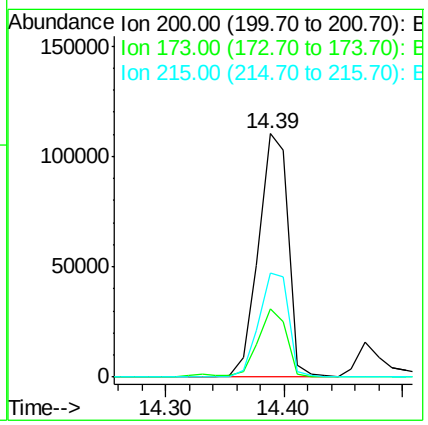


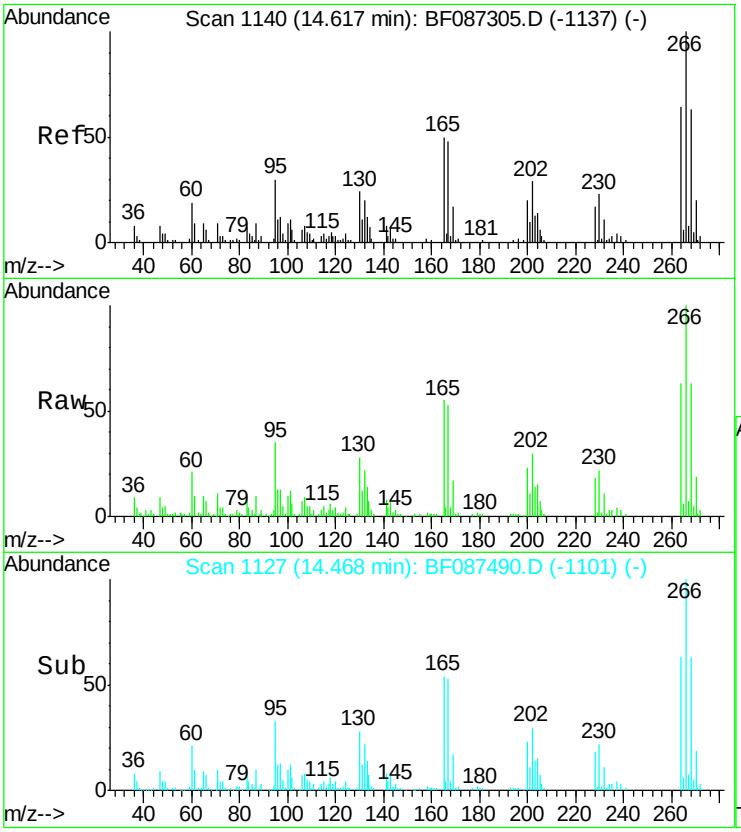


#68
Atrazine
Concen: 41.71 ng
RT: 14.39 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:200 Resp: 193415

Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.5	48.5
215	42.5	27.2	67.2

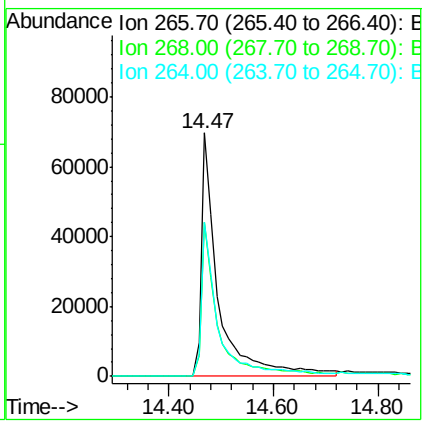




#69
Pentachlorophenol
Concen: 97.47 ng
RT: 14.47 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

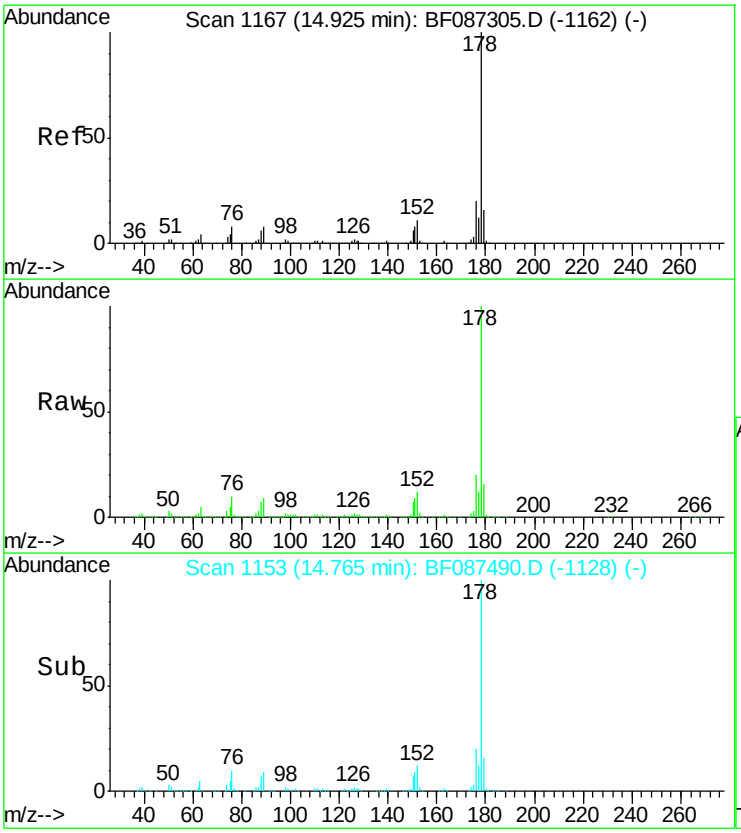
Tgt Ion:266 Resp: 158246

Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.5	77.3
264	63.5	52.9	79.3



Instrument :
BNA_F
ClientSampleId :
MW-02MS

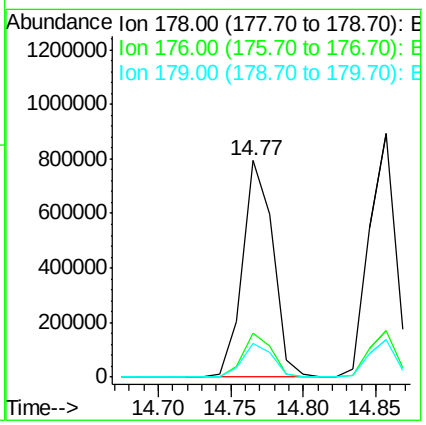
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

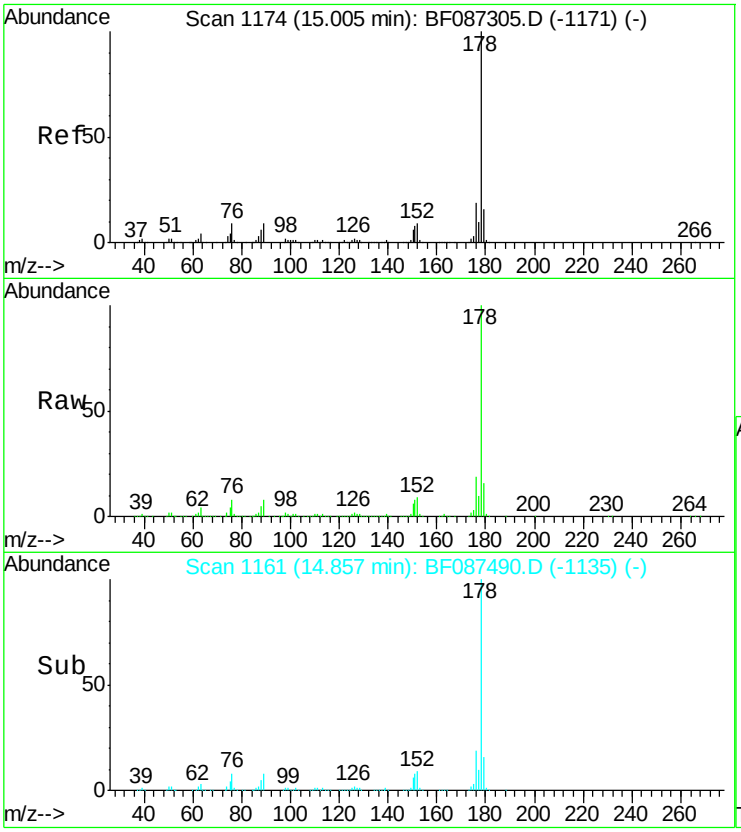


#70
Phenanthrene
Concen: 46.32 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:178 Resp: 1154265

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	15.8	12.6	18.8

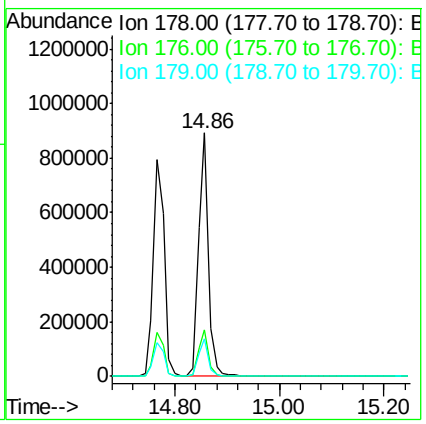




#71
Anthracene
Concen: 46.77 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

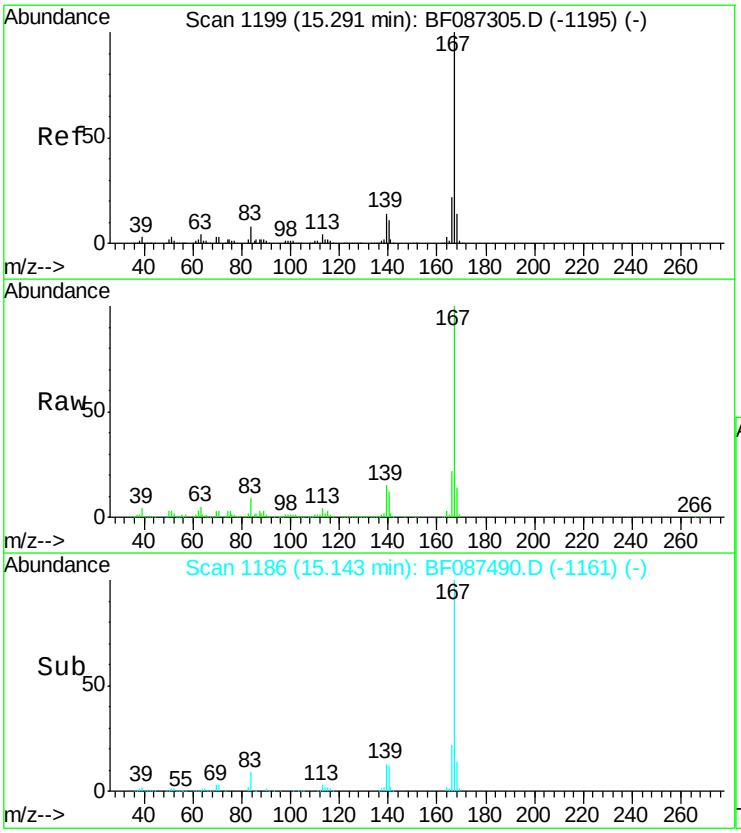
Tgt Ion:178 Resp: 1177242

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.6	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
MW-02MS

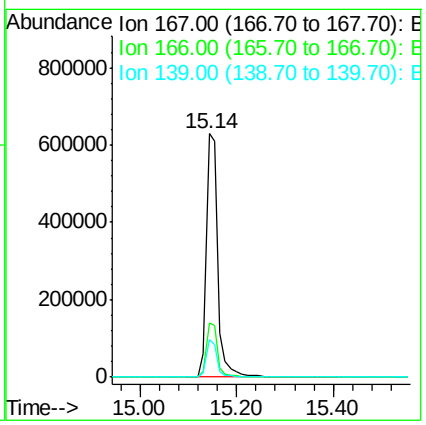
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

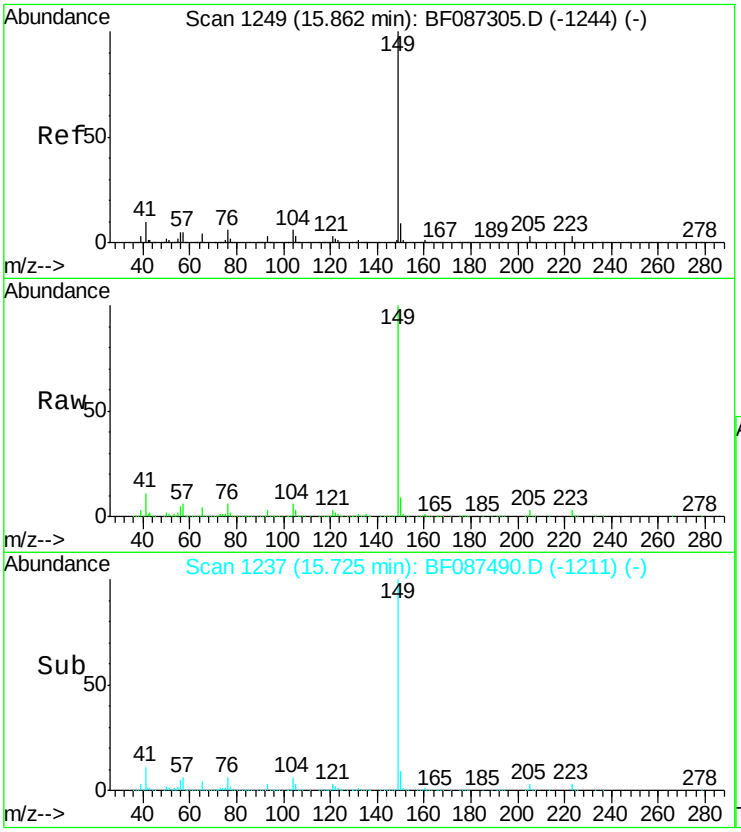


#72
Carbazole
Concen: 48.40 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:167 Resp: 1039003

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.7	26.5
139	15.2	10.8	16.2





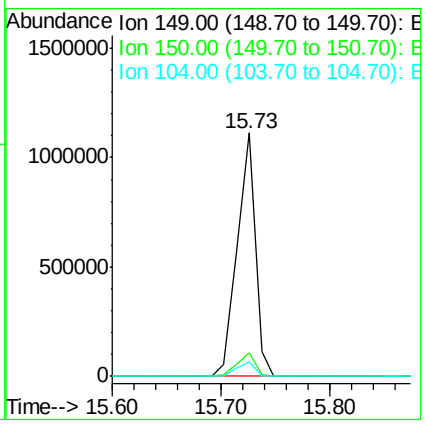
#73
Di-n-butylphthalate
Concen: 45.91 ng
RT: 15.73 min Scan# 1237
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

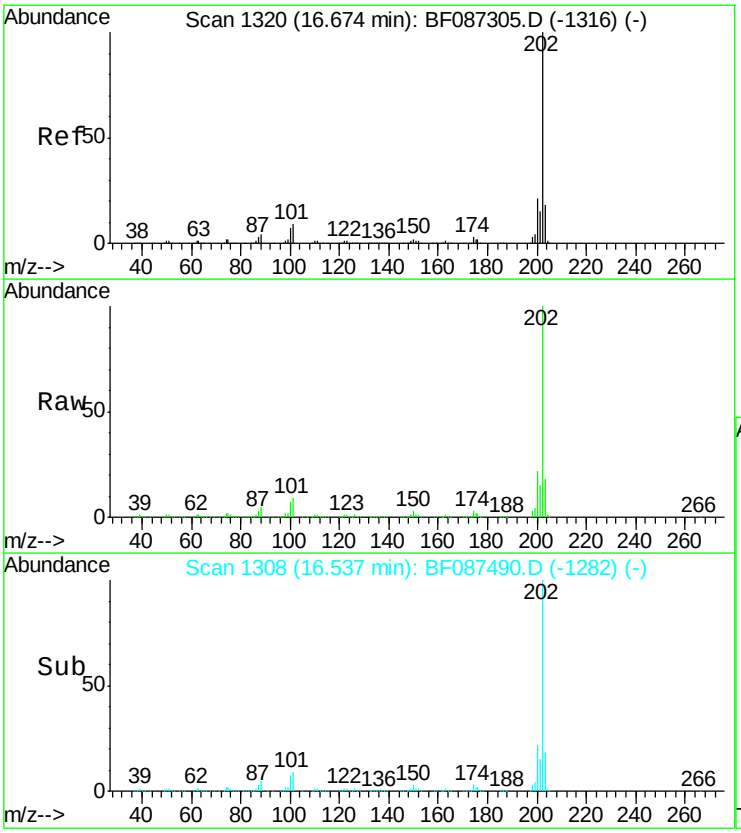
Tgt Ion:149 Resp: 1274630

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.6	11.4
104	6.0	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

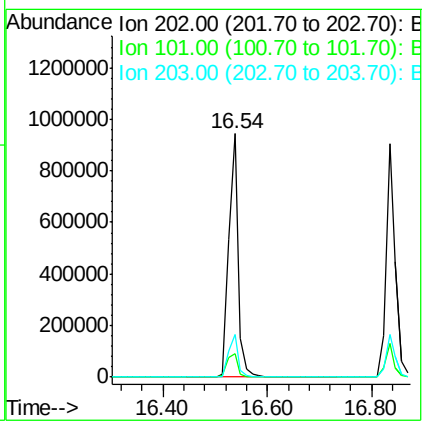


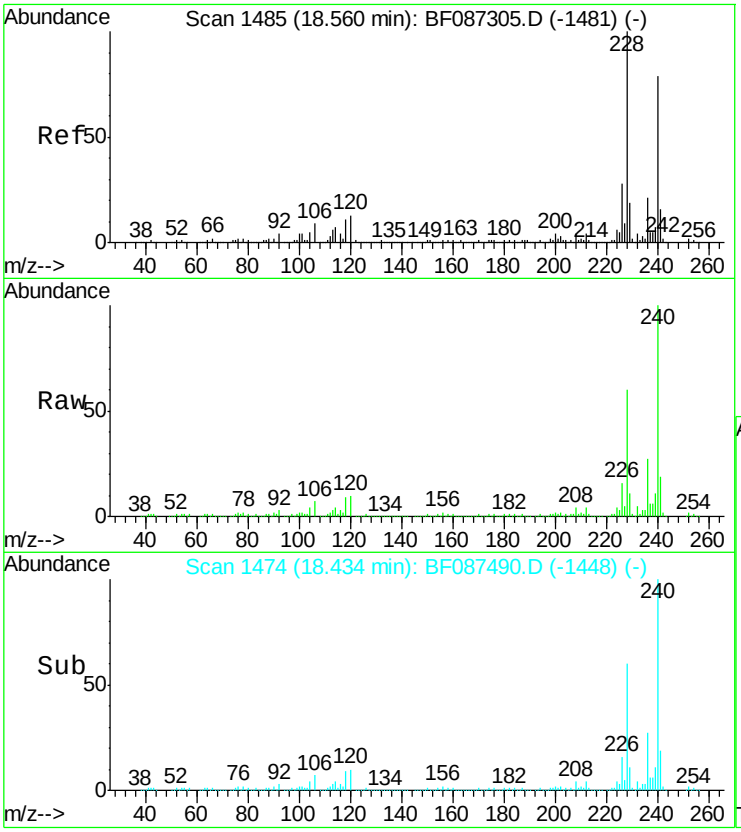


#74
Fluoranthene
Concen: 46.91 ng
RT: 16.54 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:202 Resp: 1172097

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	35.4
203	17.5	0.0	38.1





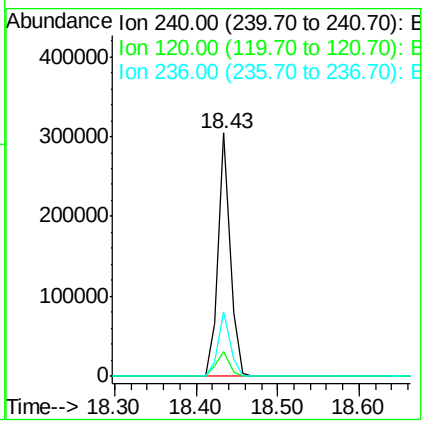
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.43 min Scan# 1474
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

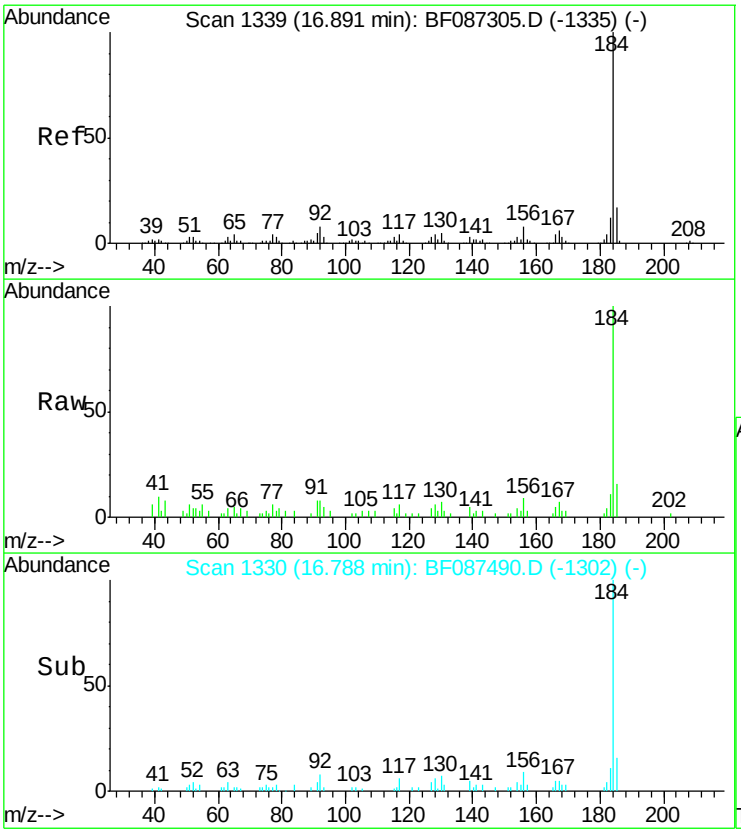
Tgt Ion:240 Resp: 315855

Ion	Ratio	Lower	Upper
240	100		
120	10.2	11.2	16.8#
236	26.7	21.2	31.8

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

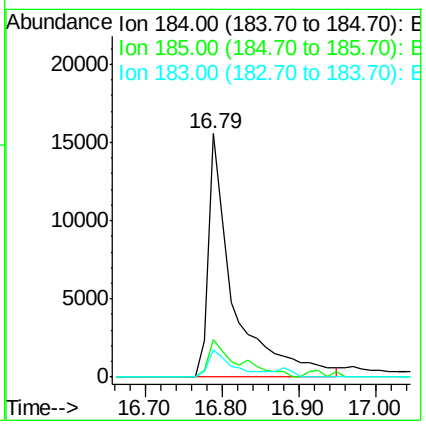


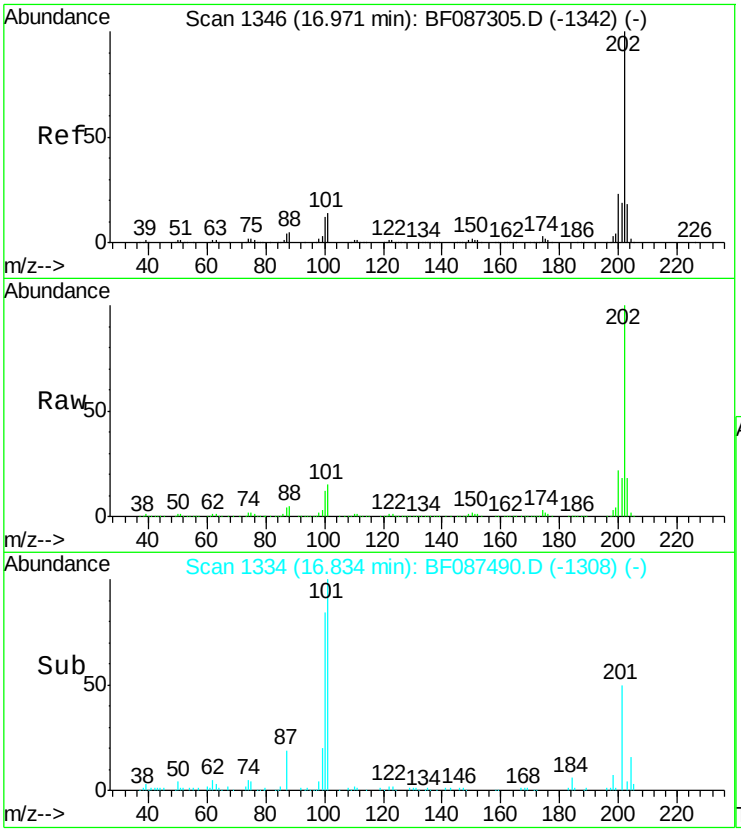


#76
Benzidine
Concen: 4.33 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:184 Resp: 35174

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.6	20.4
183	11.0	9.8	14.6

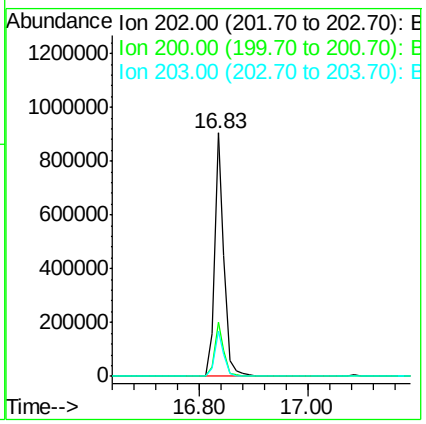




#77
Pyrene
Concen: 48.61 ng
RT: 16.83 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

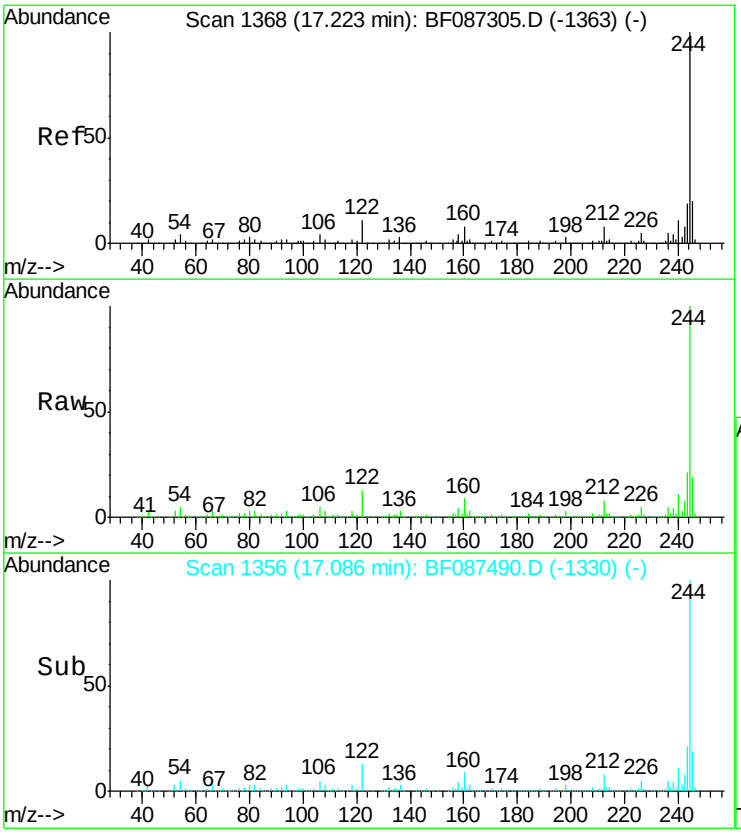
Tgt Ion:202 Resp: 1105210

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.5	14.2	21.4



Instrument :
BNA_F
ClientSampleId :
MW-02MS

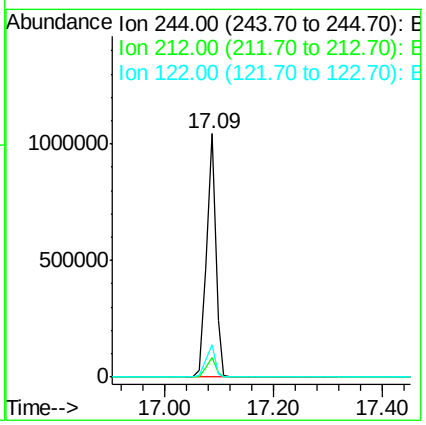
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

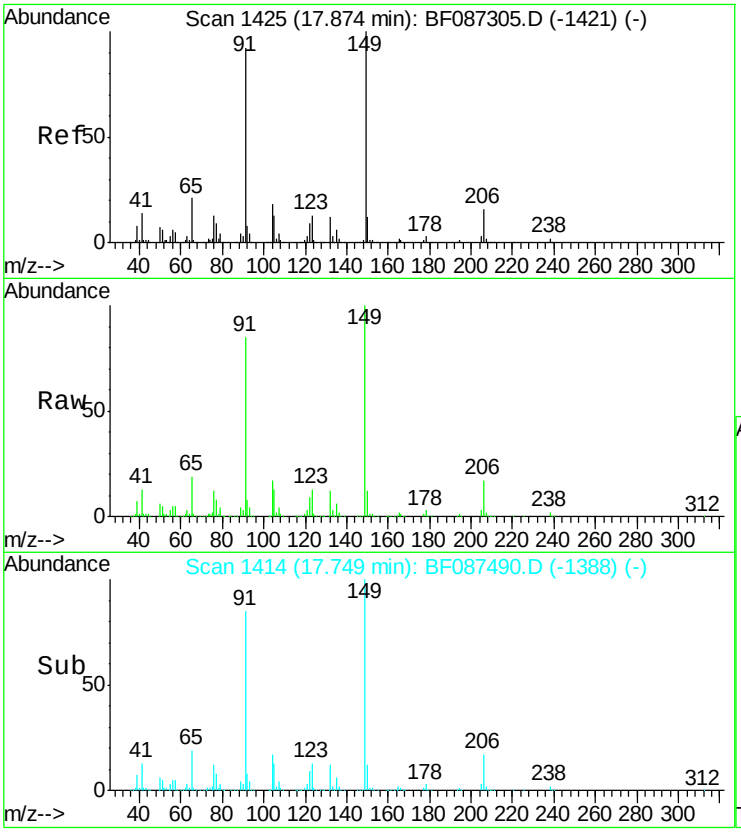


#78
Terphenyl-d14
Concen: 83.01 ng
RT: 17.09 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:244 Resp: 1233310

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	13.1	12.0	18.0

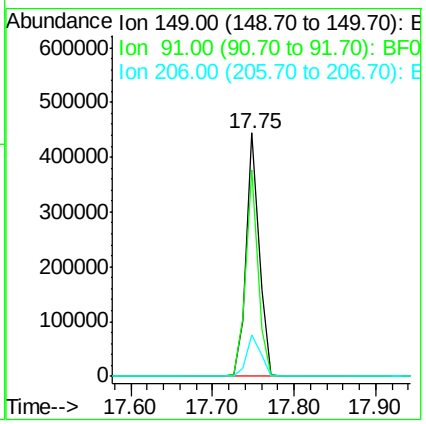




#79
Butylbenzylphthalate
Concen: 48.34 ng
RT: 17.75 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

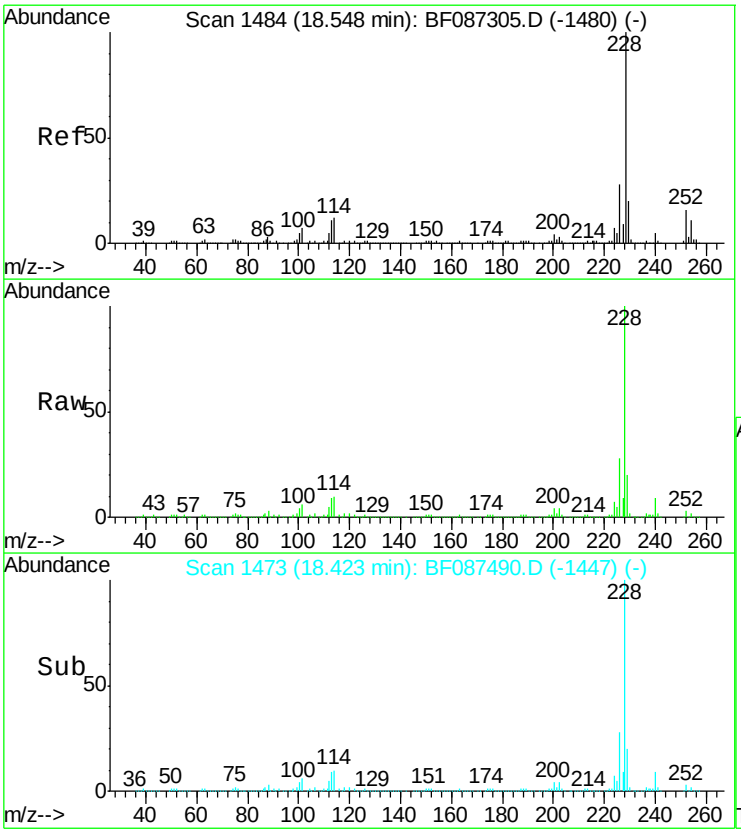
Tgt Ion:149 Resp: 487392

Ion	Ratio	Lower	Upper
149	100		
91	85.0	48.0	72.0#
206	16.9	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
MW-02MS

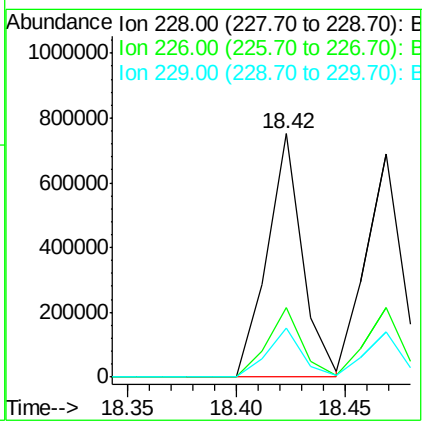
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

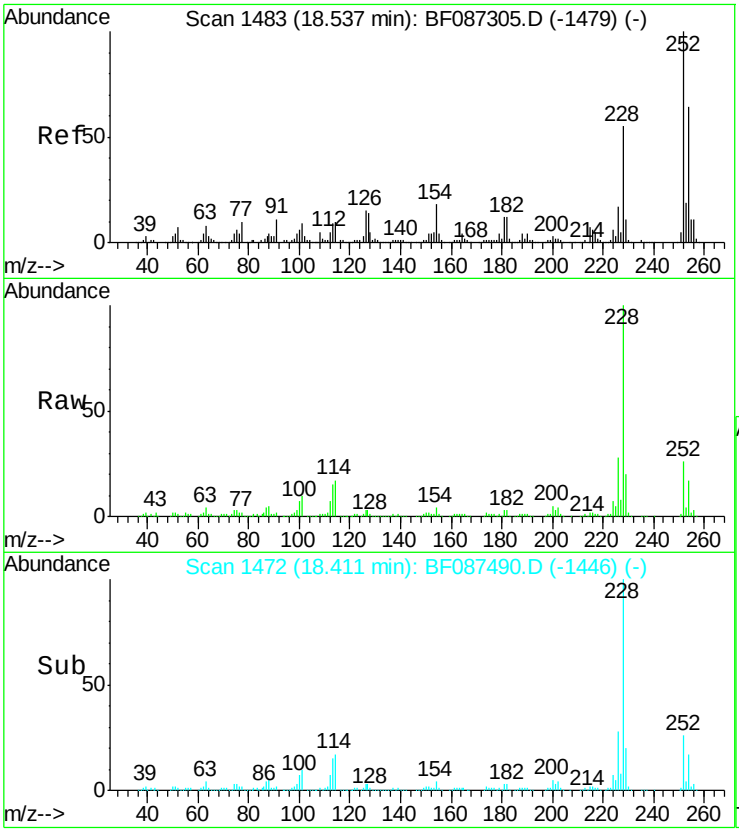


#80
Benzo(a)anthracene
Concen: 47.25 ng
RT: 18.42 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:228 Resp: 848993

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.3	16.6	25.0

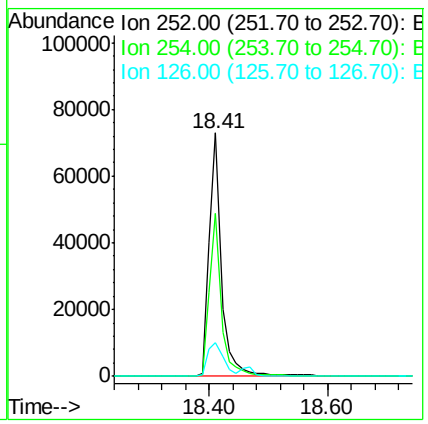




#81
3,3'-Dichlorobenzidine
Concen: 10.66 ng
RT: 18.41 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

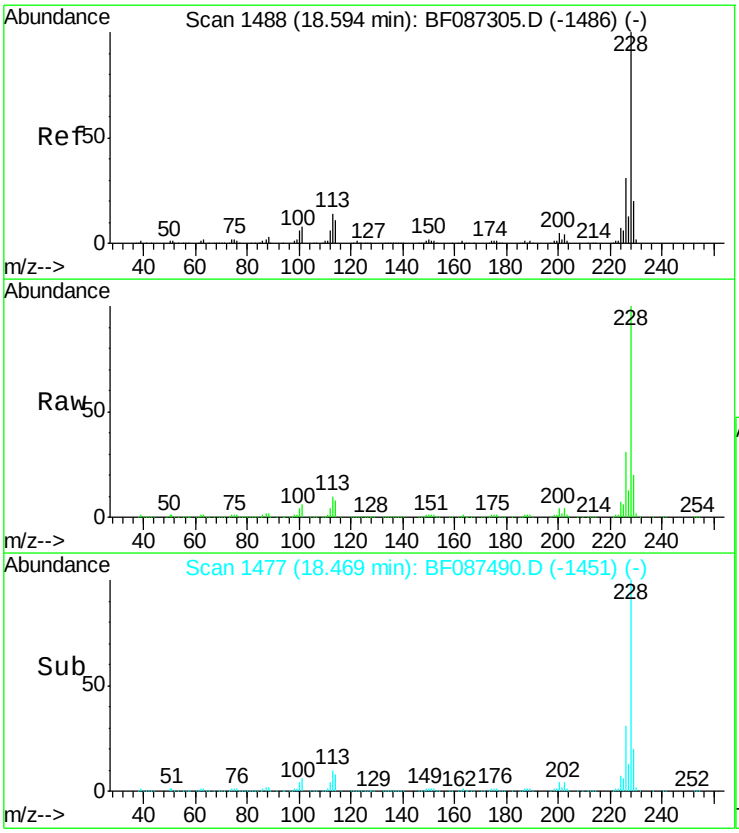
Tgt Ion:252 Resp: 105816

Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.7	76.1
126	13.6	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
MW-02MS

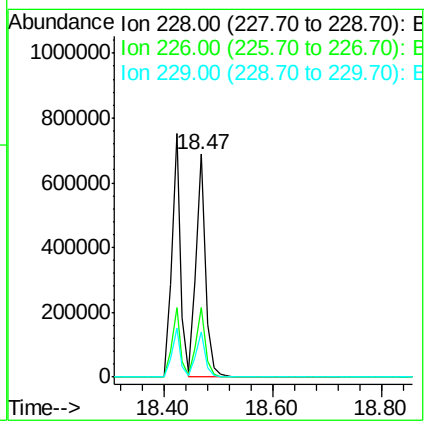
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

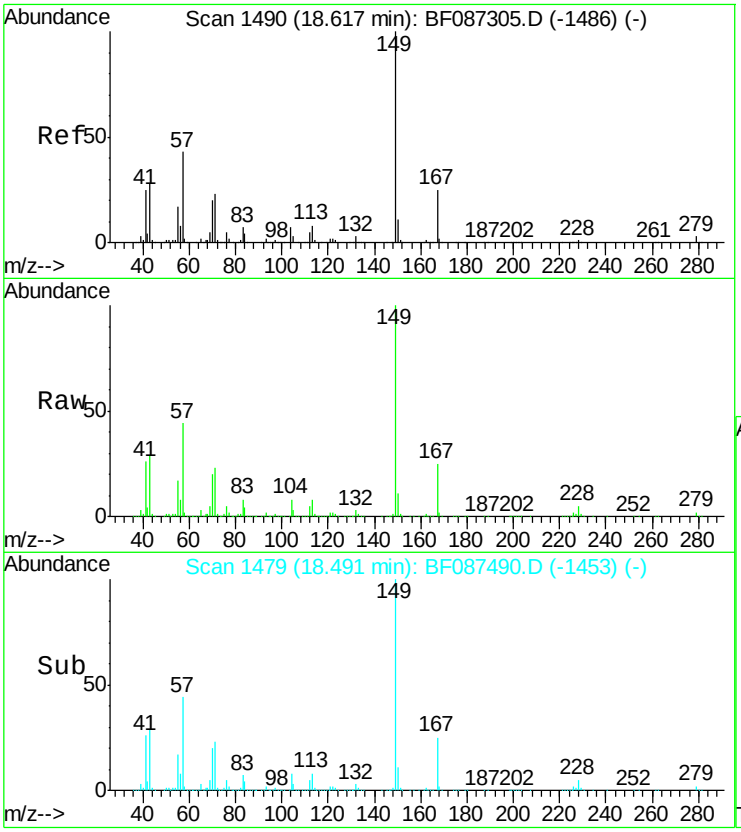


#82
Chrysene
Concen: 46.43 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:228 Resp: 827876

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.2	15.8	23.8





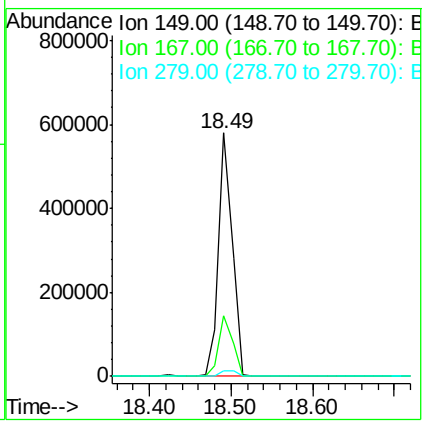
#83
Bis(2-ethylhexyl)phthalate
Concen: 46.05 ng
RT: 18.49 min Scan# 1479
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

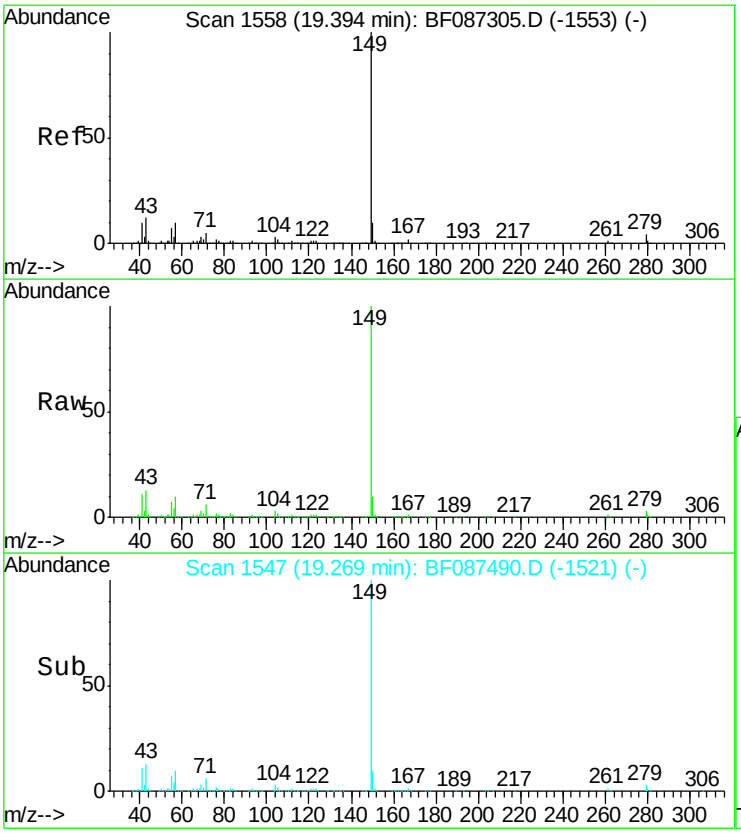
Tgt Ion:149 Resp: 677486

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.8	32.6
279	2.4	2.6	4.0#

Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

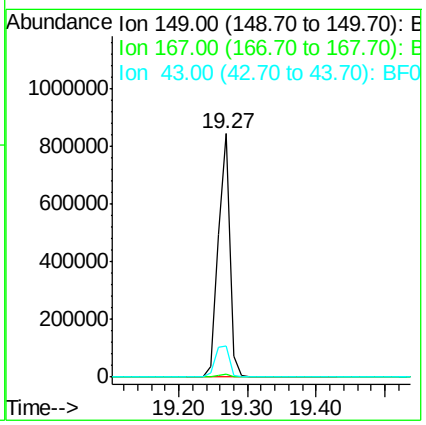


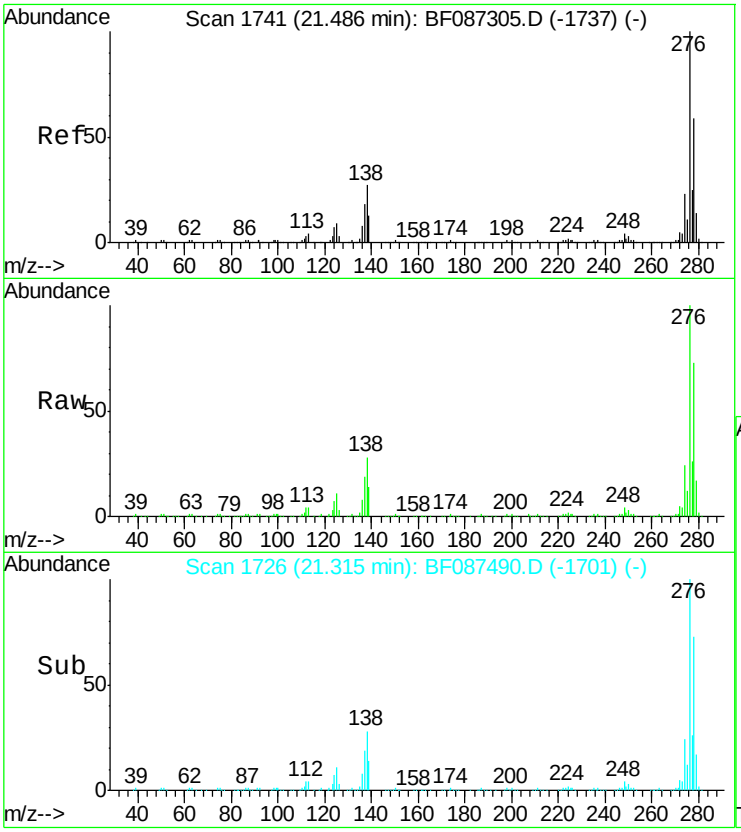


#84
Di-n-octyl phthalate
Concen: 44.71 ng
RT: 19.27 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:149 Resp: 1003149

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	16.0	8.2	12.4#

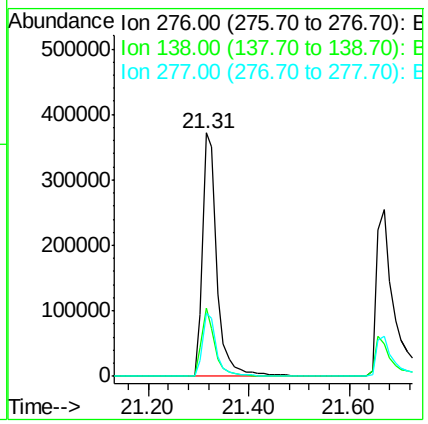




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.98 ng
RT: 21.31 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

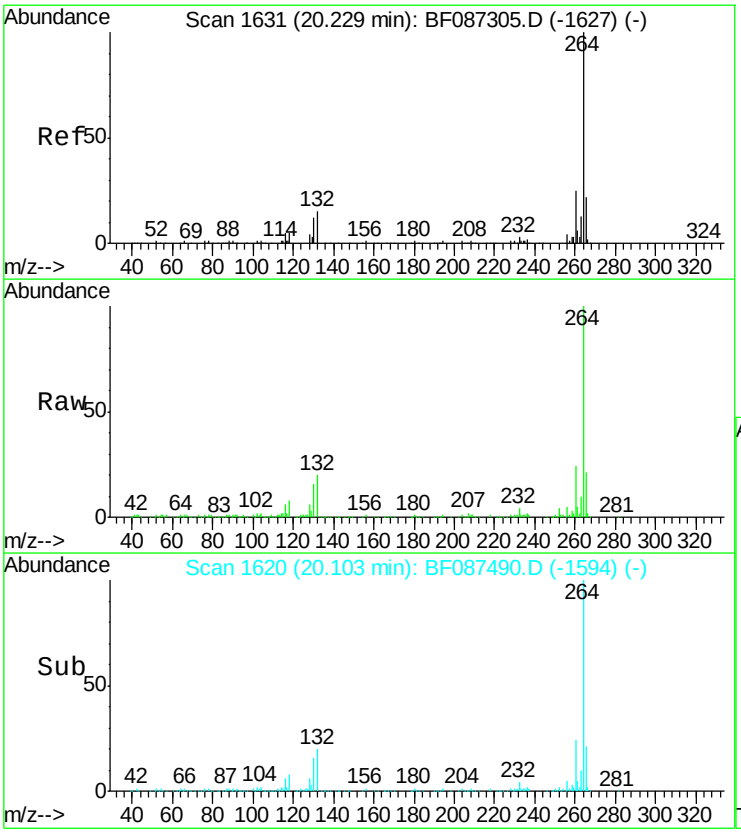
Tgt Ion:276 Resp: 743028

Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
277	25.4	20.5	30.7



Instrument :
BNA_F
ClientSampleId :
MW-02MS

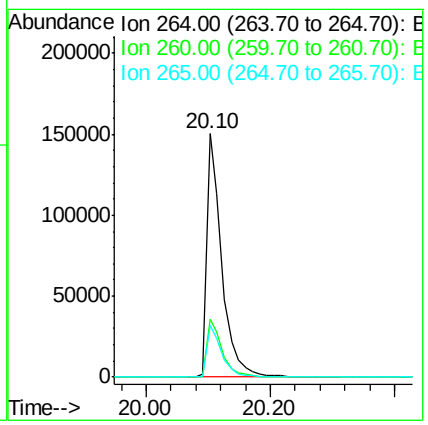
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

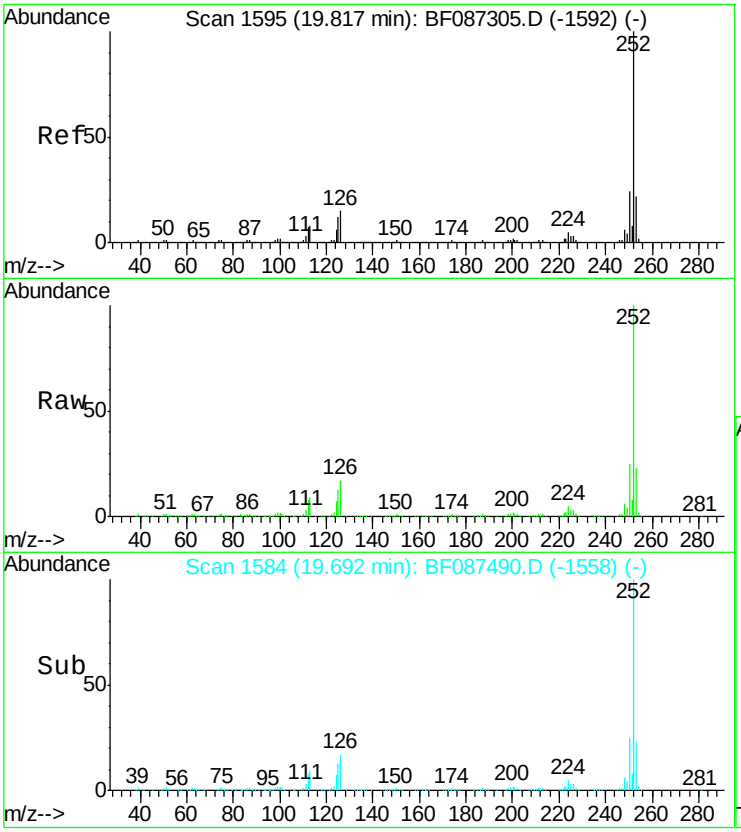


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.10 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:264 Resp: 248587

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.4	17.3	25.9

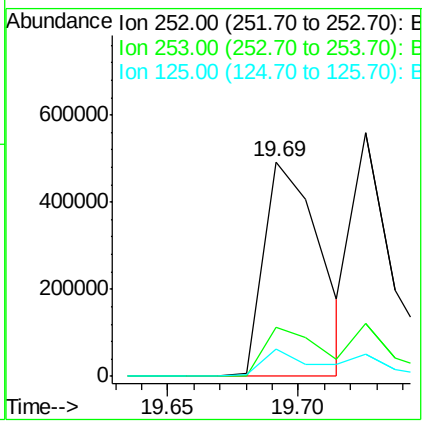




#87
Benzo(b)fluoranthene
Concen: 46.97 ng
RT: 19.69 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

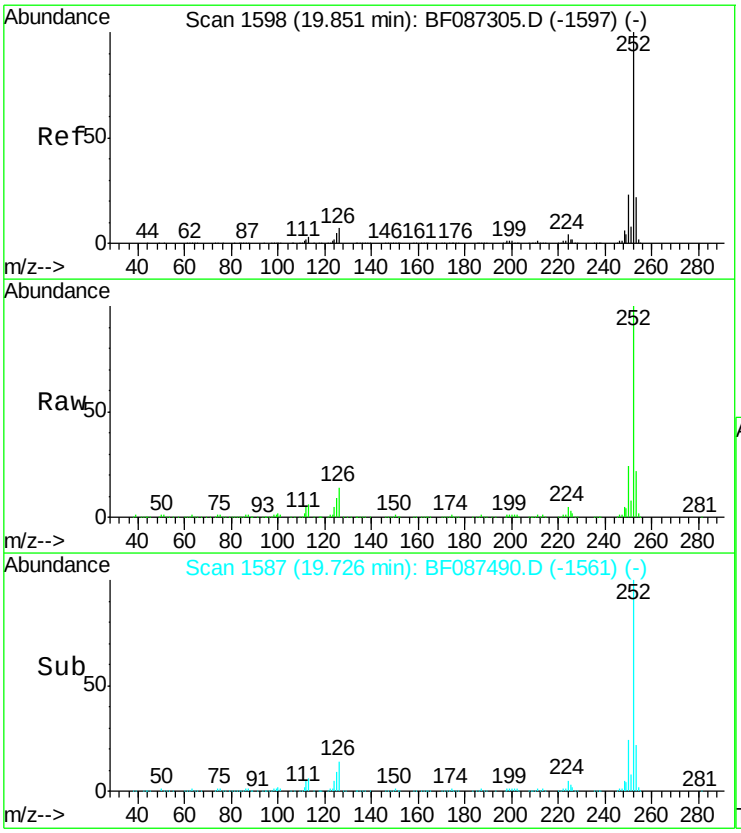
Tgt Ion:252 Resp: 743719

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	12.8	11.4	17.0



Instrument :
BNA_F
ClientSampleId :
MW-02MS

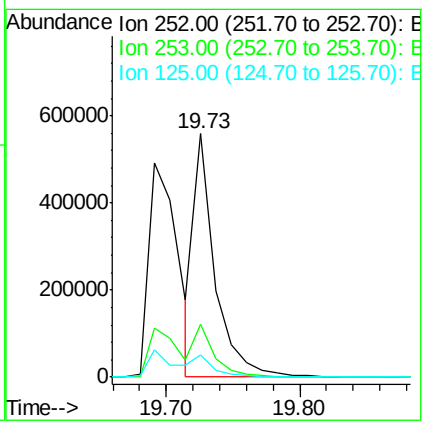
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

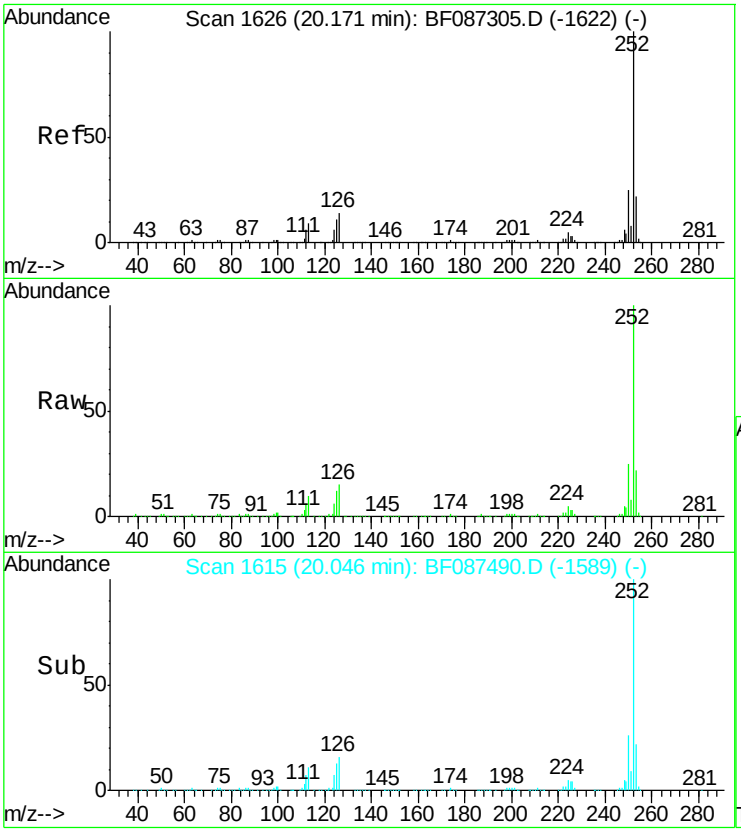


#88
Benzo(k)fluoranthene
Concen: 45.44 ng m
RT: 19.73 min Scan# 1587
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:252 Resp: 619363

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	9.3	9.1	13.7

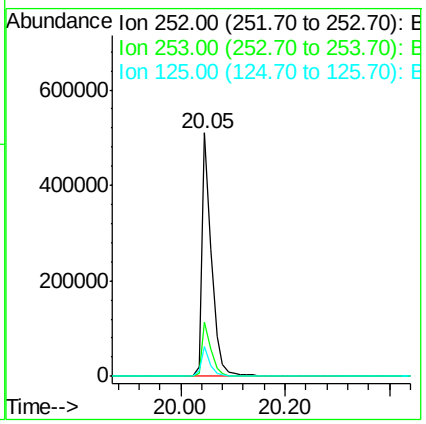




#89
Benzo(a)pyrene
Concen: 46.81 ng
RT: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

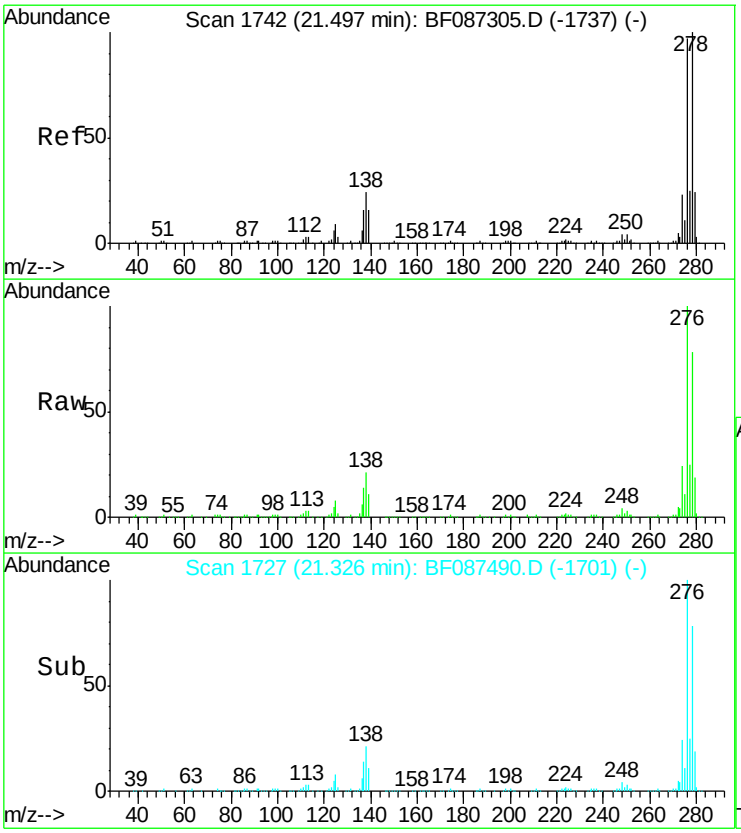
Tgt Ion:252 Resp: 641108

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	12.0	9.0	13.6



Instrument :
BNA_F
ClientSampleId :
MW-02MS

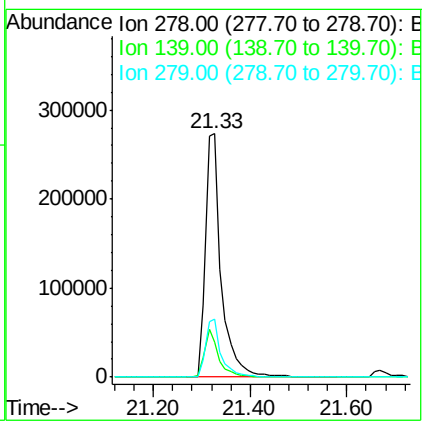
Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM

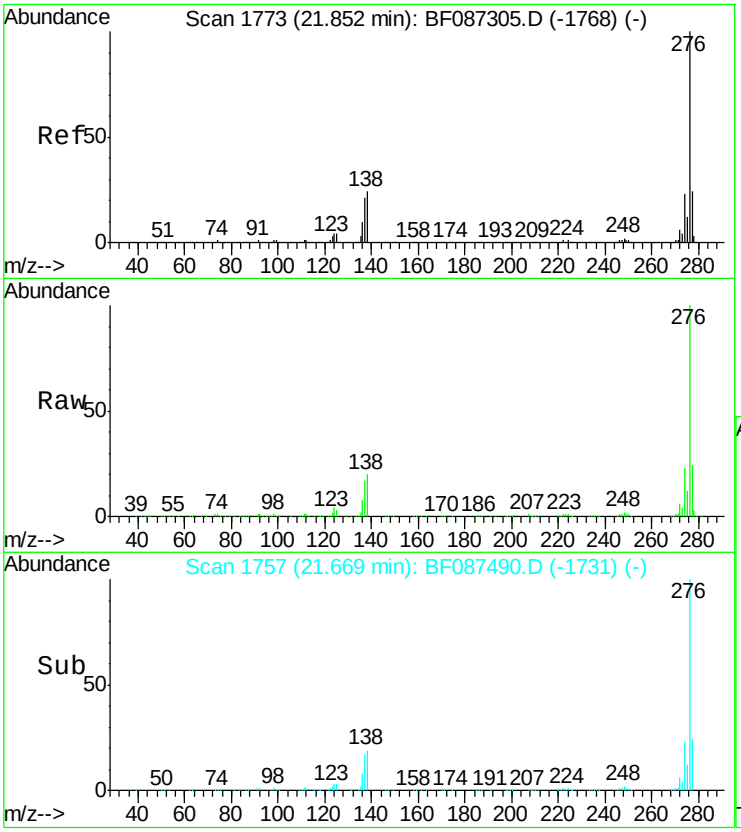


#90
Dibenzo(a,h)anthracene
Concen: 53.70 ng
RT: 21.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:278 Resp: 627304

Ion	Ratio	Lower	Upper
278	100		
139	14.3	16.6	24.8#
279	23.9	19.6	29.4

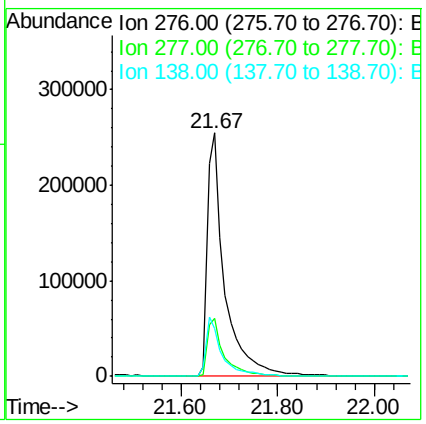




#91
Benzo(g,h,i)perylene
Concen: 55.04 ng
RT: 21.67 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF087490.D
Acq: 28 May 2016 21:10

Tgt Ion:276 Resp: 634294

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.6	29.4
138	19.6	23.6	35.4#



Instrument :
BNA_F
ClientSampleId :
MW-02MS

Manual Integrations APPROVED
umangi
5/31/2016 7:03:35 PM