Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090810.D
Acq On : 25 Oct 2016 16:36
Operator : UM/SJ
Sample : PB94289BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

Quant Time: Oct 25 17:19:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189040	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	805592	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	439588	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	730872	20.00	ng		0.01
75) Chrysene-d12	13.97	240	491711	20.00	ng		0.01
86) Perylene-d12	15.38	264	407929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1421559	121.28	ng		0.02
7) Phenol-d6	6.44	99	1634285	102.93	ng		0.00
23) Nitrobenzene-d5	7.37	82	1031347	70.22	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	511245	146.94	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2222516	78.49	ng		0.00
78) Terphenyl-d14	12.92	244	2197093	102.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	210937	31.10	ng	#	73
3) Pyridine	3.15	79	594735	37.42	ng	#	75
4) n-Nitrosodimethylamine	3.10	42	183410	33.73	ng	#	63
6) Aniline	6.46	93	281481	15.64	ng	#	51
8) 2-Chlorophenol	6.59	128	531255	37.76	ng		92
9) Benzaldehyde	6.34	77	96472	11.11	ng	#	74
10) Phenol	6.45	94	550697	30.86	ng	#	66
11) bis(2-Chloroethyl)ether	6.53	93	530010	35.34	ng		94
12) 1,3-Dichlorobenzene	6.74	146	575277	40.70	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	590447	39.38	ng	#	95
14) 1,2-Dichlorobenzene	6.97	146	544186m	37.08	ng		
15) Benzyl Alcohol	6.94	79	397136	36.83	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.08	45	528067	23.51	ng		63
17) 2-Methylphenol	7.07	107	442965	41.78	ng	#	85
18) Hexachloroethane	7.31	117	203885	33.50	ng	#	83
19) n-Nitroso-di-n-propylamine	7.22	70	368388	31.16	ng	#	70
20) 3+4-Methylphenols	7.22	107	520335	41.41	ng	#	67
22) Acetophenone	7.22	105	721158	40.17	ng	#	83
24) Nitrobenzene	7.39	77	555814	34.91	ng	#	80
25) Isophorone	7.63	82	1065566	38.32	ng	#	92
26) 2-Nitrophenol	7.70	139	284610	43.75	ng	#	60
27) 2,4-Dimethylphenol	7.74	122	464536	40.27	ng	#	80
28) bis(2-Chloroethoxy)methane	7.85	93	642076	42.21	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	462863	48.90	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	498210	44.72	ng		98
31) Naphthalene	8.11	128	1610707	40.87	ng		97
32) Benzoic acid	7.89	122	287578	37.35	ng	#	75
33) 4-Chloroaniline	8.17	127	153377	10.50	ng	#	96
34) Hexachlorobutadiene	8.22	225	262826	41.96	ng		98
35) Caprolactam	8.53	113	141690m	52.41	ng		
36) 4-Chloro-3-methylphenol	8.66	107	476998	43.32	ng		95
37) 2-Methylnaphthalene	8.81	142	1013723	44.02	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	467669	39.40	ng		99
40) Hexachlorocyclopentadiene	8.96	237	492370	88.36	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090810.D
Acq On : 25 Oct 2016 16:36
Operator : UM/SJ
Sample : PB94289BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

Quant Time: Oct 25 17:19:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	322944	43.87	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	347999	46.59	ng	#	95
45) 1,1'-Biphenyl	9.26	154	1205454	34.92	ng		94
46) 2-Chloronaphthalene	9.29	162	975864	38.03	ng	#	90
47) 2-Nitroaniline	9.39	65	306446	35.98	ng	#	81
48) Acenaphthylene	9.71	152	1606688	41.04	ng		96
49) Dimethylphthalate	9.57	163	1133677	41.04	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	248815	41.89	ng	#	62
51) Acenaphthene	9.88	154	1118689	43.04	ng		90
52) 3-Nitroaniline	9.80	138	125492	18.38	ng	#	73
53) 2,4-Dinitrophenol	9.92	184	261933	77.95	ng	#	82
54) Dibenzofuran	10.05	168	1487705	47.25	ng	#	88
55) 4-Nitrophenol	9.97	139	365591	86.62	ng	#	62
56) 2,4-Dinitrotoluene	10.04	165	398413	54.88	ng	#	93
57) Fluorene	10.40	166	1197422	45.89	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	288270	49.17	ng		97
59) Diethylphthalate	10.27	149	1204077	42.03	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	525878	44.10	ng	#	84
61) 4-Nitroaniline	10.42	138	270973	39.18	ng	#	48
62) Azobenzene	10.54	77	1322333	39.42	ng		85
64) 4,6-Dinitro-2-methylphenol	10.45	198	177739	38.96	ng	#	63
65) n-Nitrosodiphenylamine	10.51	169	1021783	43.64	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	340509	48.06	ng		98
67) Hexachlorobenzene	10.94	284	402619	48.15	ng	#	80
68) Atrazine	11.04	200	286823	44.38	ng		85
69) Pentachlorophenol	11.14	266	442564	82.75	ng		99
70) Phenanthrene	11.36	178	1678947	45.07	ng		95
71) Anthracene	11.40	178	1601959	38.78	ng		95
72) Carbazole	11.56	167	1509961	43.71	ng	#	93
73) Di-n-butylphthalate	11.89	149	1802043	40.22	ng	#	97
74) Fluoranthene	12.54	202	1591470	44.16	ng		87
76) Benzidine	12.67	184	297544	27.25	ng		98
77) Pyrene	12.54	202	1580257	46.02	ng		96
79) Butylbenzylphthalate	13.39	149	704956	44.66	ng	#	86
80) Benzo(a)anthracene	13.96	228	1166851	43.36	ng		97
81) 3,3'-Dichlorobenzidine	13.93	252	221756	23.78	ng	#	92
82) Chrysene	14.00	228	1296812	49.38	ng		94
83) Bis(2-ethylhexyl)phthalate	13.96	149	1016176	44.99	ng	#	98
84) Di-n-octyl phthalate	14.57	149	1584648	46.23	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1015384	44.32	ng	#	91
87) Benzo(b)fluoranthene	14.98	252	973352m	38.80	ng		
88) Benzo(k)fluoranthene	15.01	252	1101733m	43.71	ng		
89) Benzo(a)pyrene	15.32	252	961722	40.87	ng	#	90
90) Dibenzo(a,h)anthracene	16.77	278	865161	38.29	ng	#	83
91) Benzo(g,h,i)perylene	17.17	276	812828	37.09	ng	#	79

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

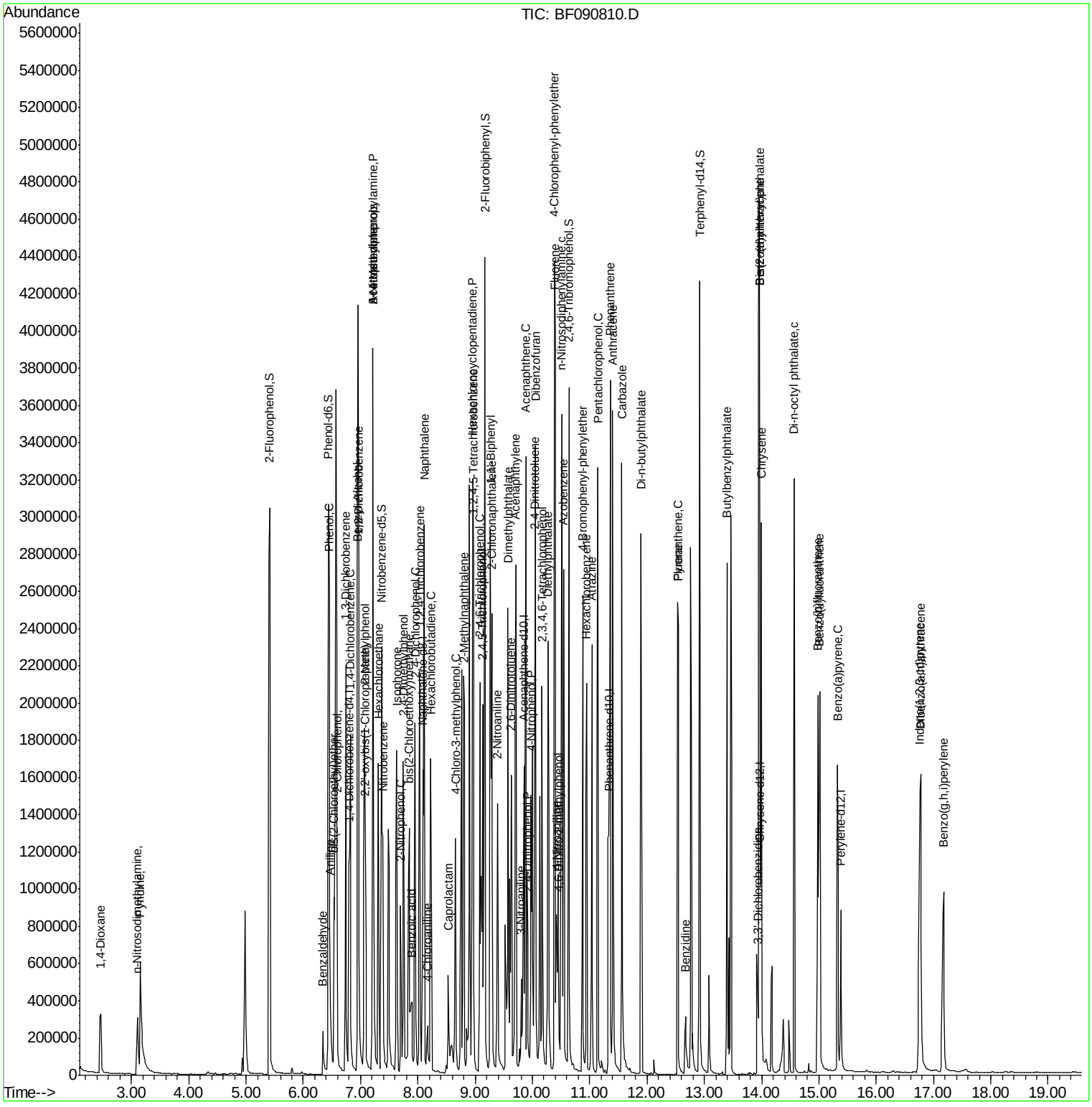
Quantitation Report (QT Reviewed)

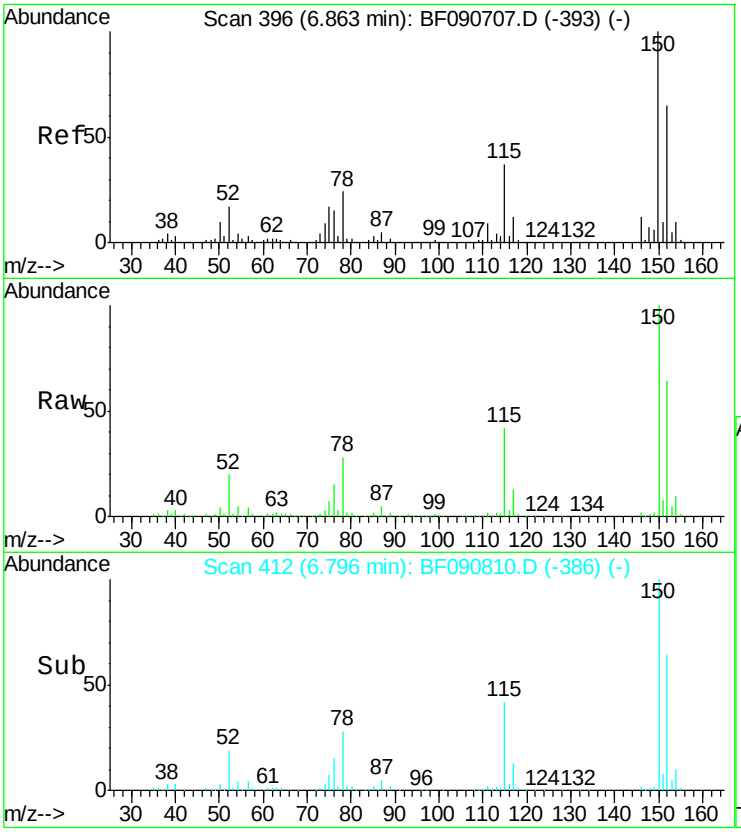
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090810.D
Acq On : 25 Oct 2016 16:36
Operator : UM/SJ
Sample : PB94289BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 25 17:19:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

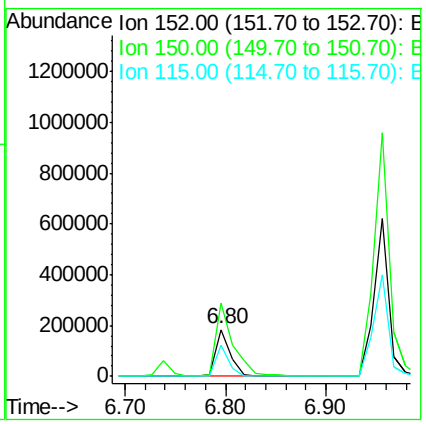




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

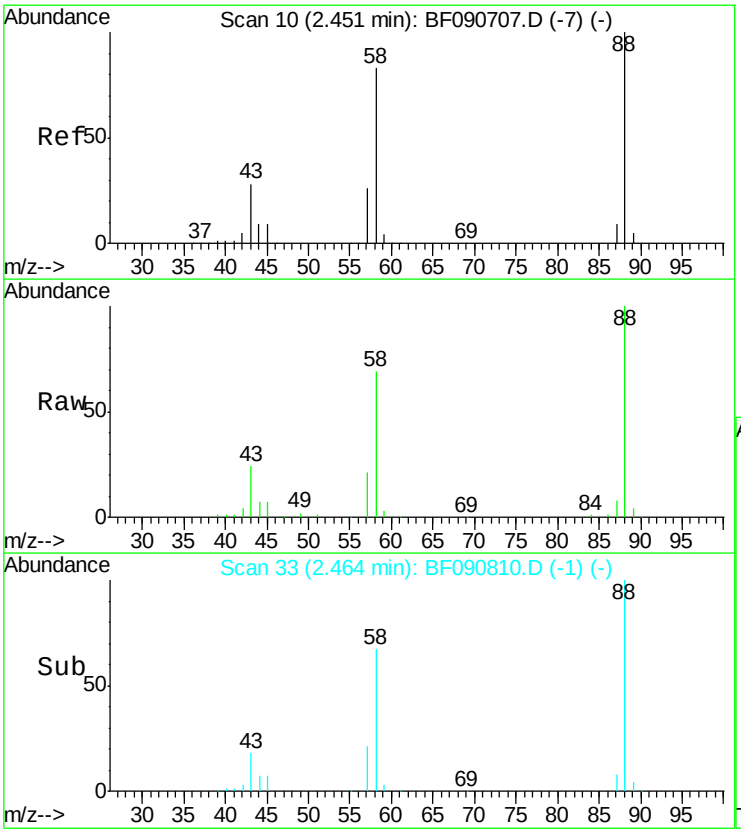
Tgt Ion:152 Resp: 189040

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.7	187.1
115	66.1	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

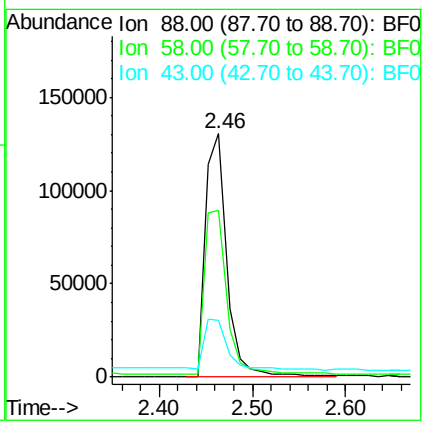
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

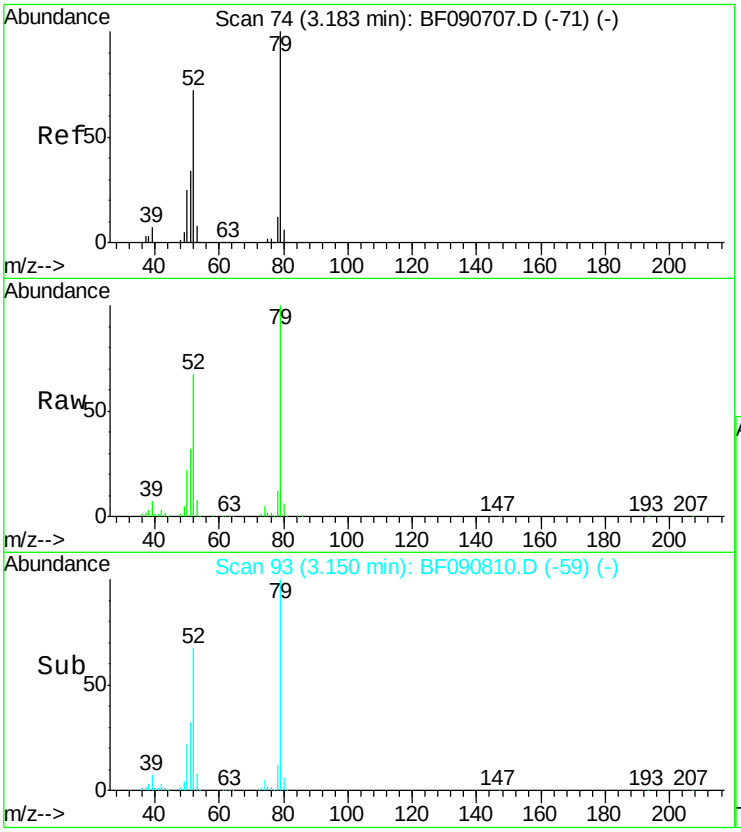


#2
1,4-Dioxane
Concen: 31.10 ng
RT: 2.46 min Scan# 33
Delta R.T. 0.11 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 88 Resp: 210937

Ion	Ratio	Lower	Upper
88	100		
58	68.9	77.7	116.5#
43	21.7	26.6	40.0#

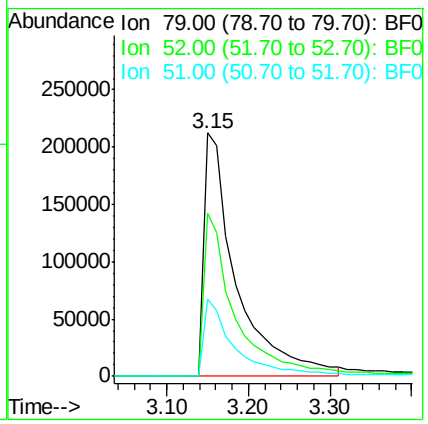




#3
Pyridine
Concen: 37.42 ng
RT: 3.15 min Scan# 93
Delta R.T. 0.09 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

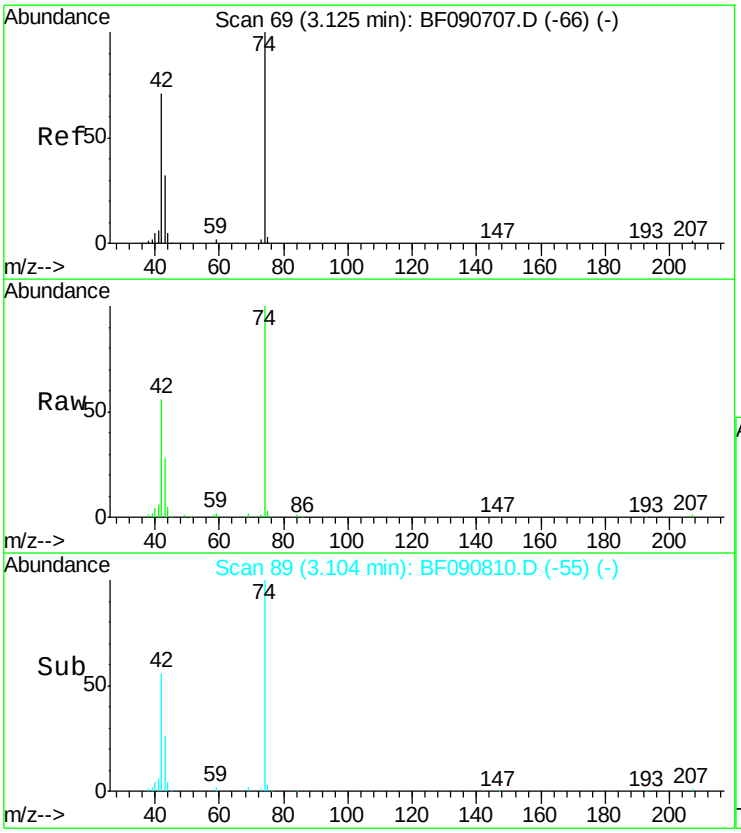
Tgt Ion: 79 Resp: 594735

Ion	Ratio	Lower	Upper
79	100		
52	67.1	76.8	115.2#
51	31.8	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

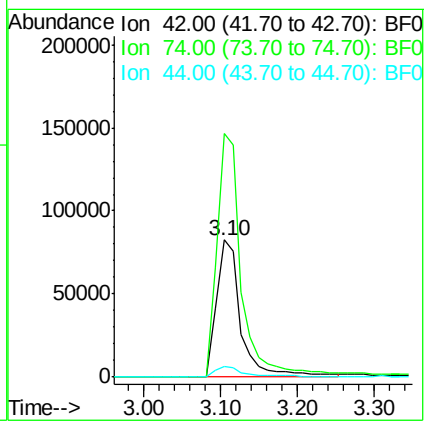
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

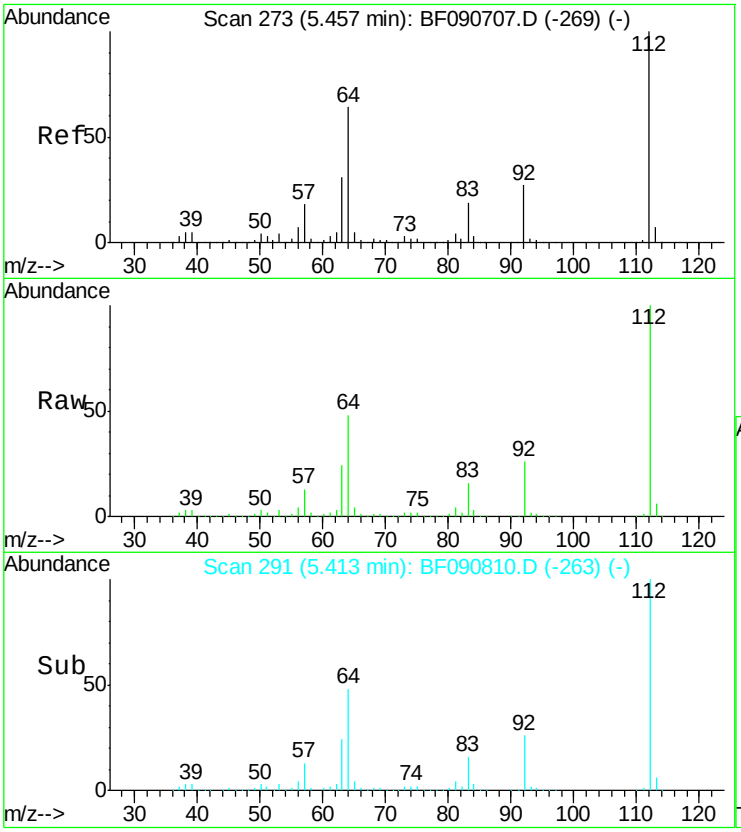


#4
n-Nitrosodimethylamine
Concen: 33.73 ng
RT: 3.10 min Scan# 89
Delta R.T. 0.09 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 42 Resp: 183410

Ion	Ratio	Lower	Upper
42	100		
74	177.7	105.0	157.6#
44	8.2	6.6	10.0

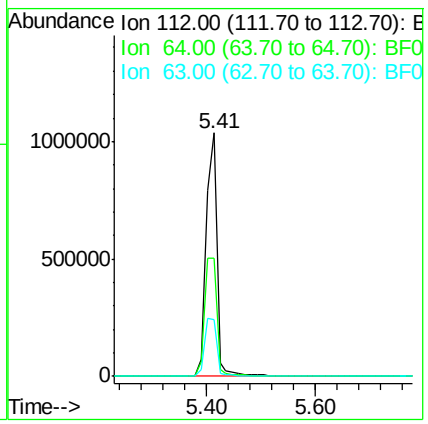




#5
2-Fluorophenol
Concen: 121.28 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

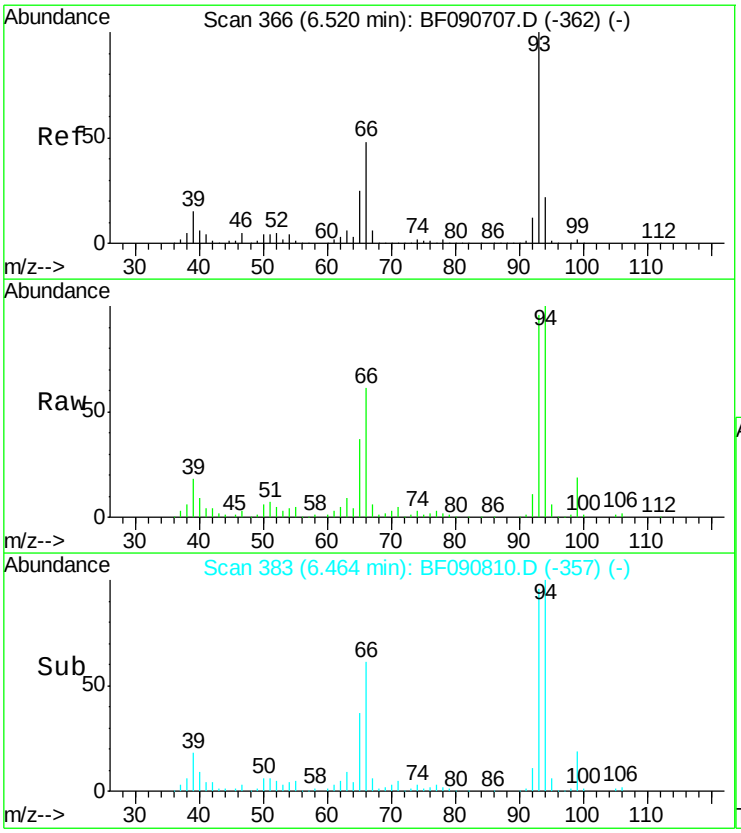
Tgt Ion:112 Resp: 1421559

Ion	Ratio	Lower	Upper
112	100		
64	48.4	39.7	59.5
63	23.5	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
PB94289BS

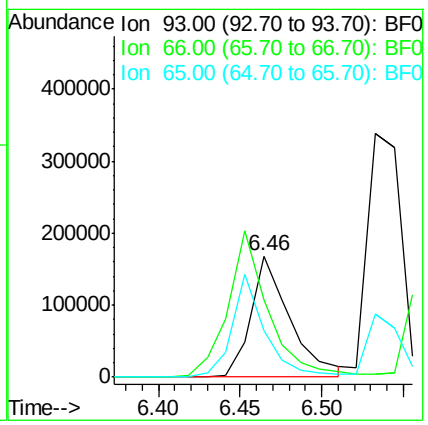
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

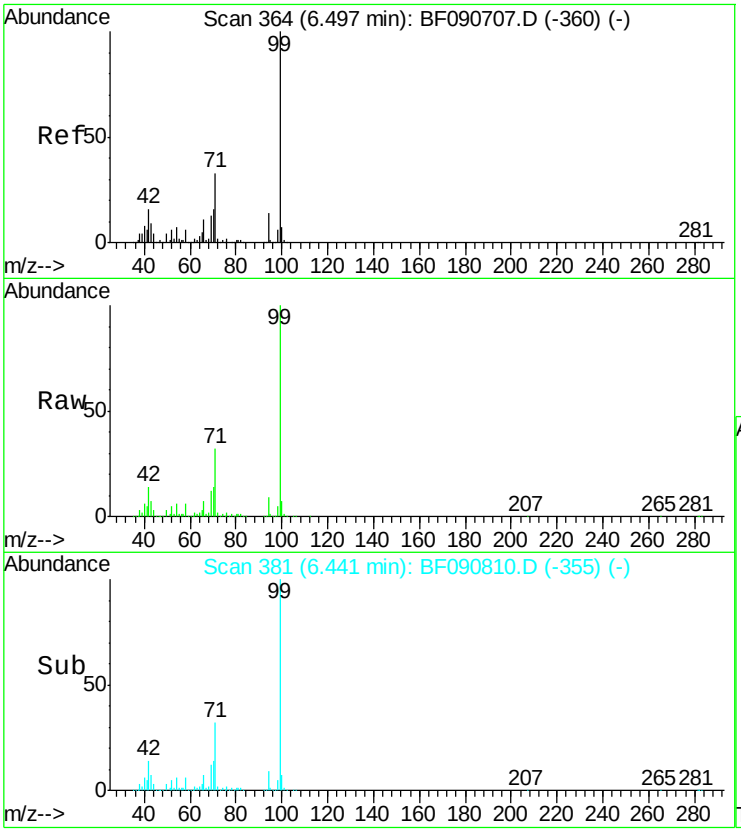


#6
Aniline
Concen: 15.64 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 93 Resp: 281481

Ion	Ratio	Lower	Upper
93	100		
66	63.4	27.2	40.8#
65	38.4	14.7	22.1#

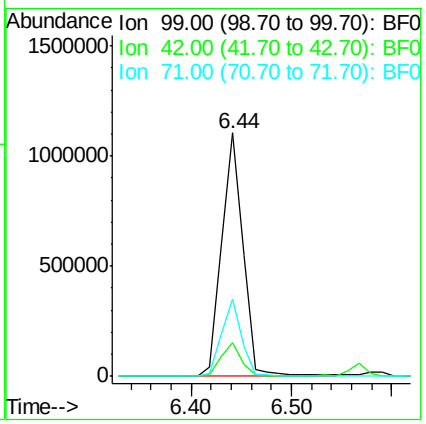




#7
Phenol-d6
Concen: 102.93 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

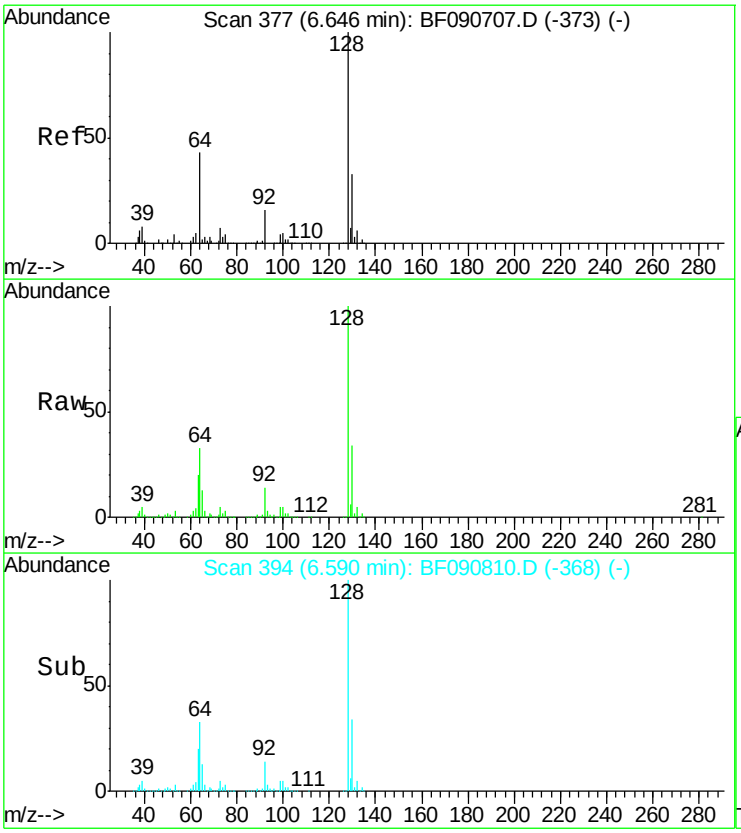
Tgt Ion: 99 Resp: 1634285

Ion	Ratio	Lower	Upper
99	100		
42	14.1	13.7	20.5
71	31.8	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

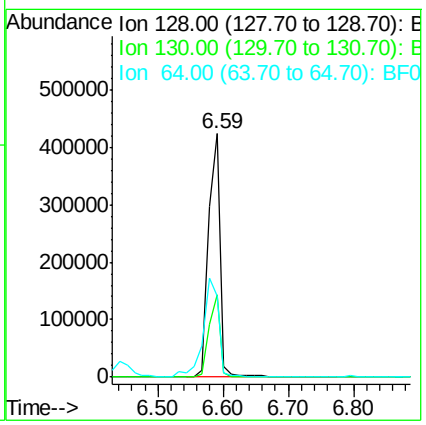
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

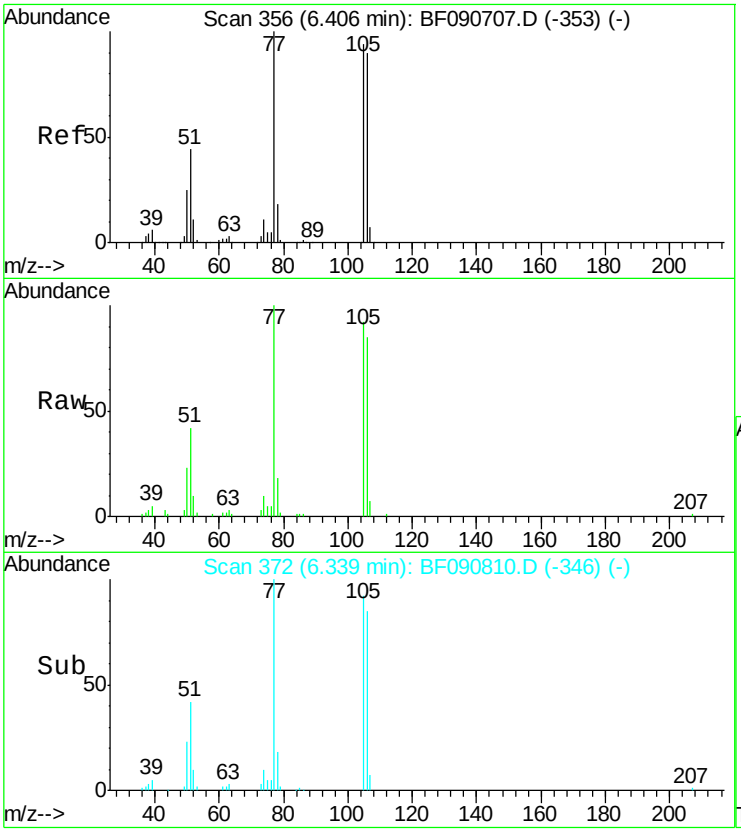


#8
2-Chlorophenol
Concen: 37.76 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:128 Resp: 531255

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.2	52.2
64	33.1	20.5	60.5

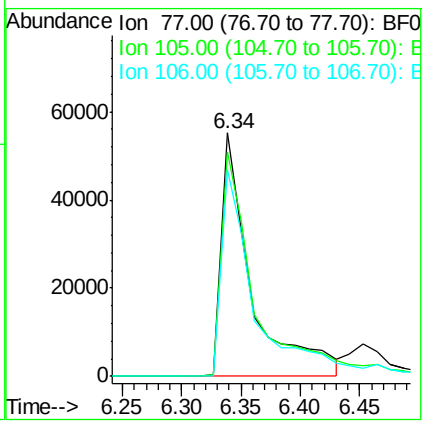




#9
Benzaldehyde
Concen: 11.11 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

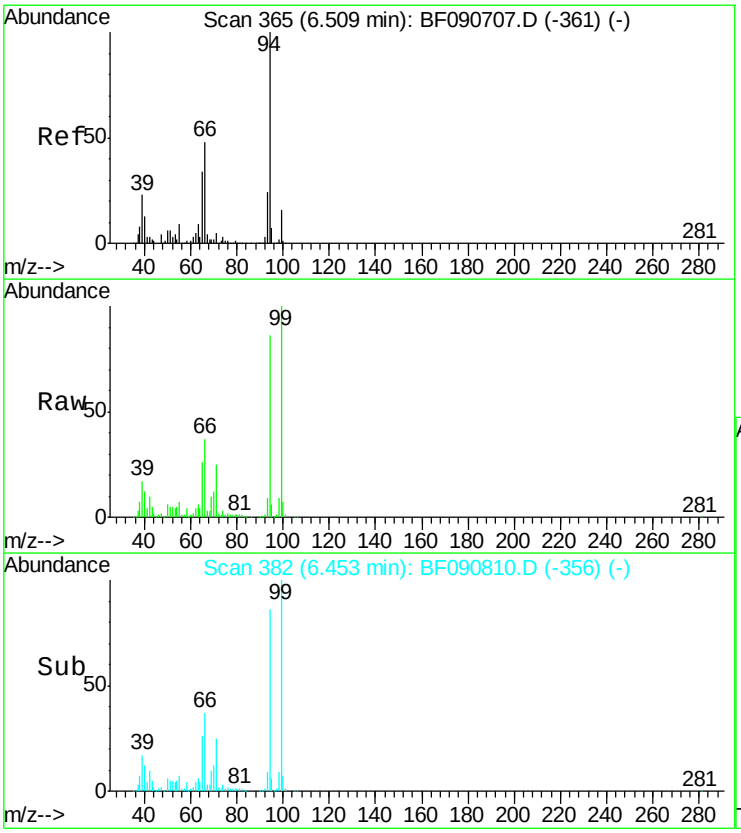
Tgt Ion: 77 Resp: 96472

Ion	Ratio	Lower	Upper
77	100		
105	92.1	91.6	131.6
106	85.1	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

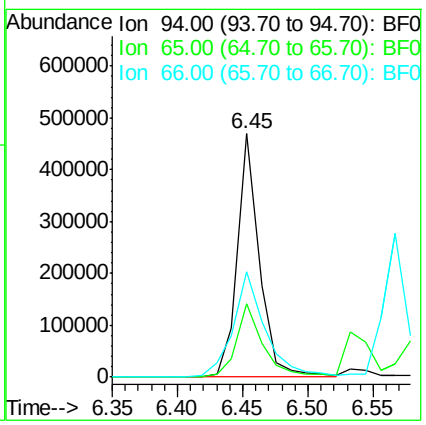
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

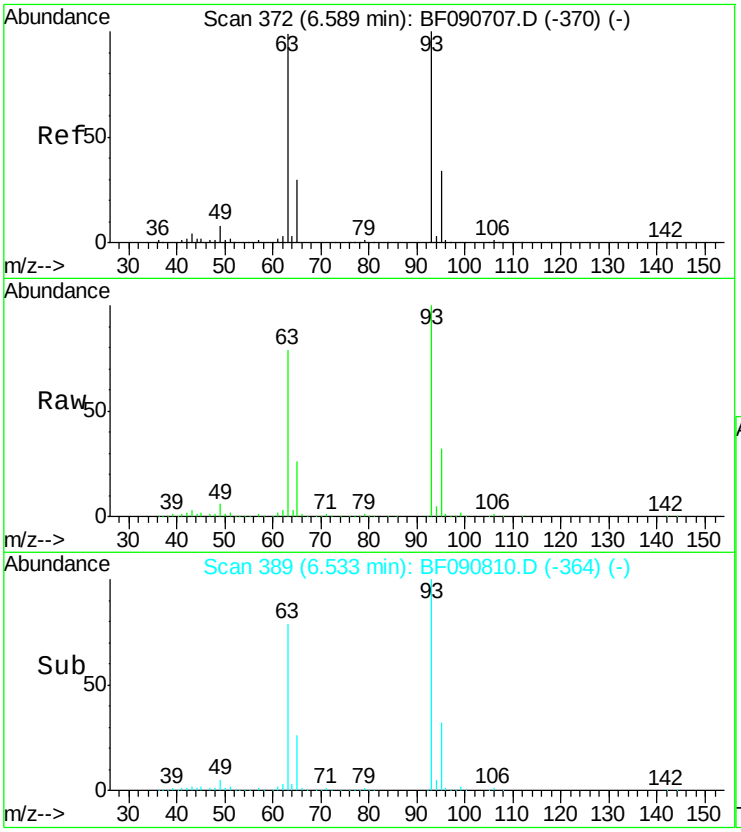


#10
Phenol
Concen: 30.86 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 94 Resp: 550697

Ion	Ratio	Lower	Upper
94	100		
65	30.3	0.7	40.7
66	43.2	0.8	40.8#

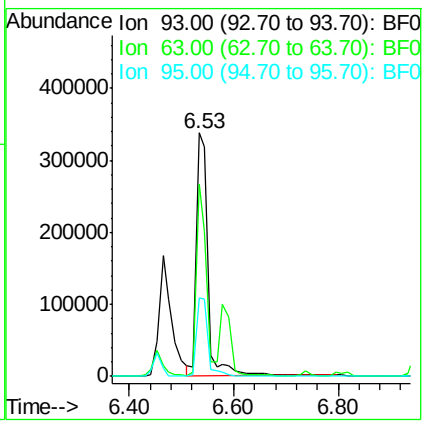




#11
bis(2-Chloroethyl)ether
Concen: 35.34 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

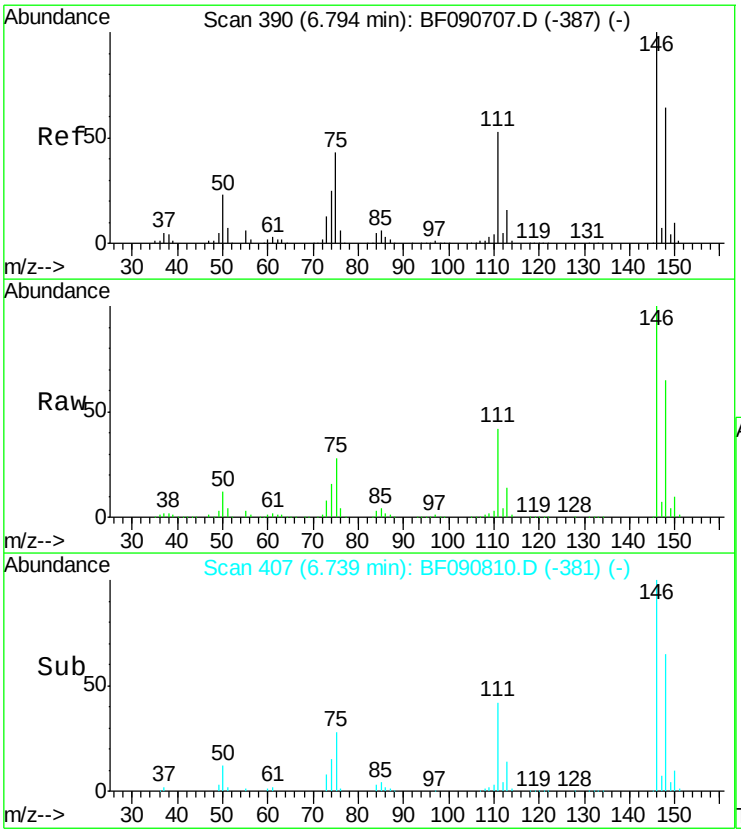
Tgt Ion: 93 Resp: 530010

Ion	Ratio	Lower	Upper
93	100		
63	79.1	65.6	105.6
95	32.1	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
PB94289BS

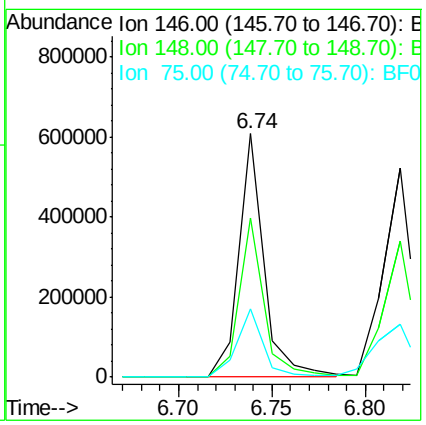
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

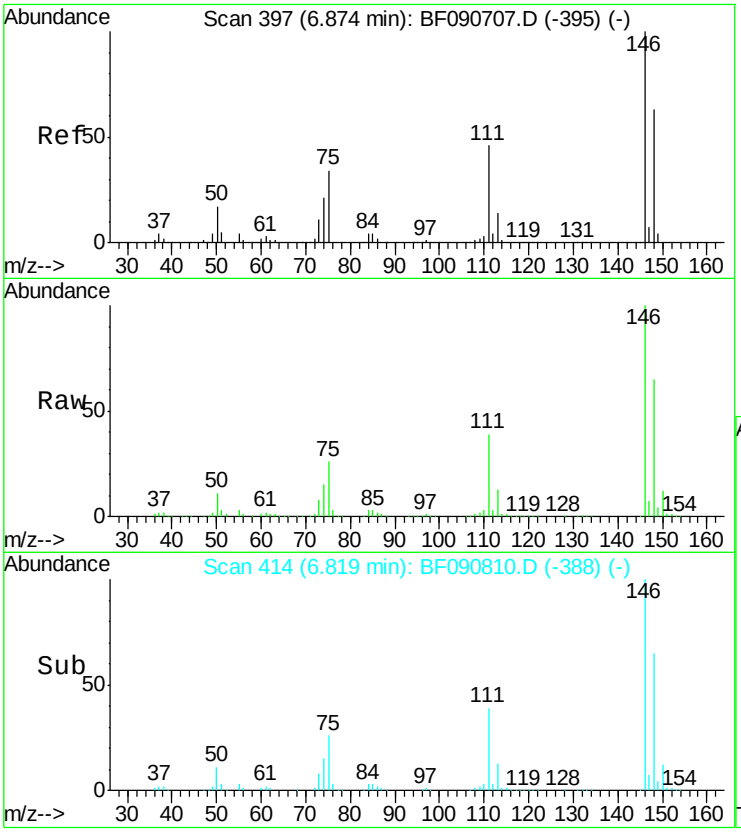


#12
1,3-Dichlorobenzene
Concen: 40.70 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:146 Resp: 575277

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.4
75	27.9	15.0	22.6#

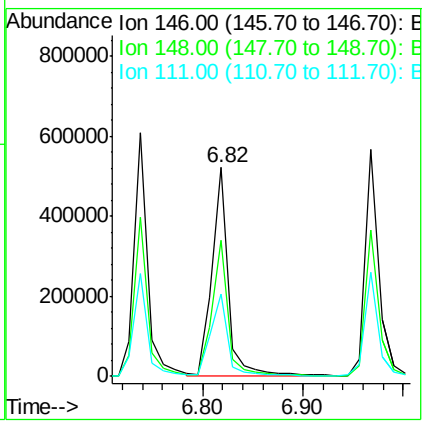




#13
1,4-Dichlorobenzene
Concen: 39.38 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

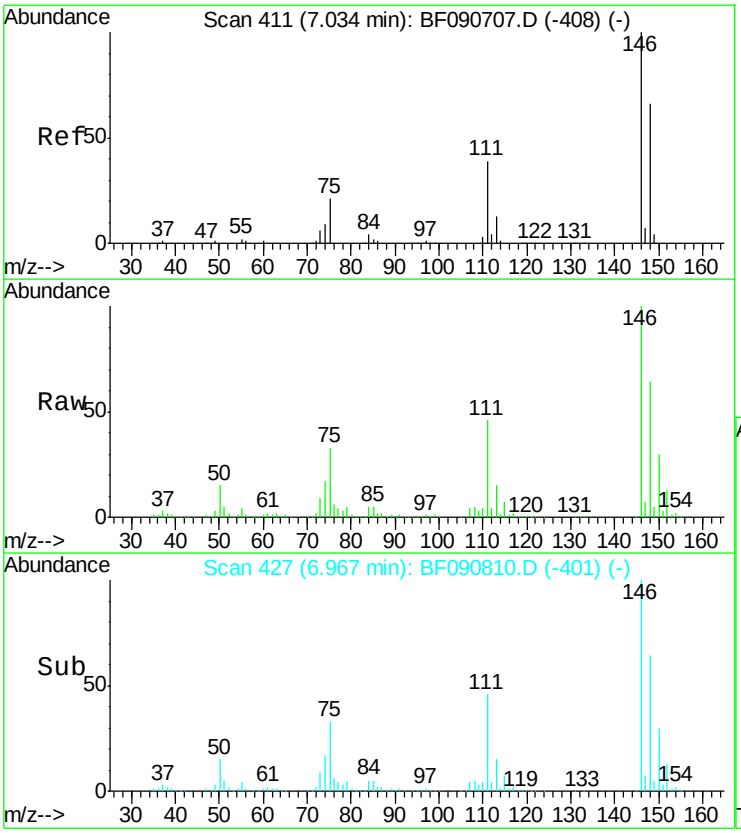
Tgt Ion:146 Resp: 590447

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.8	77.6
111	39.2	24.9	37.3#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

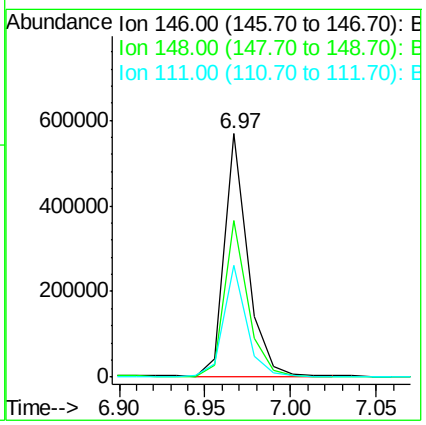
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

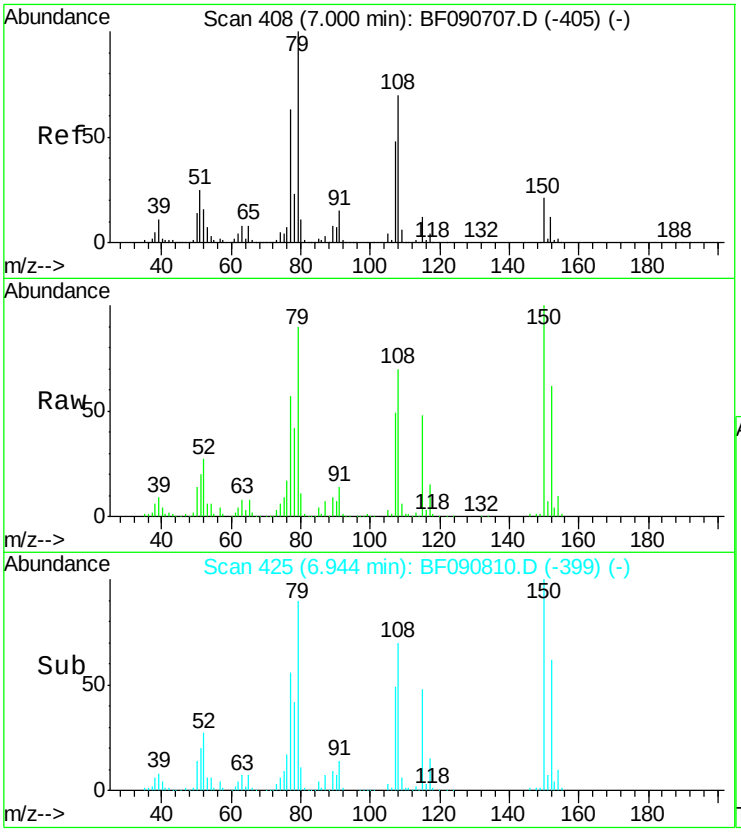


#14
1,2-Dichlorobenzene
Concen: 37.08 ng m
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:146 Resp: 544186

Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.7	79.1
111	46.0	28.8	43.2#





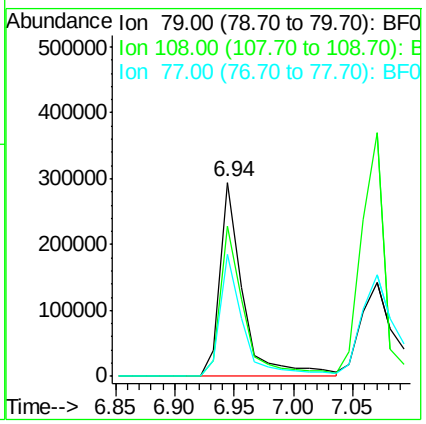
#15
Benzyl Alcohol
Concen: 36.83 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

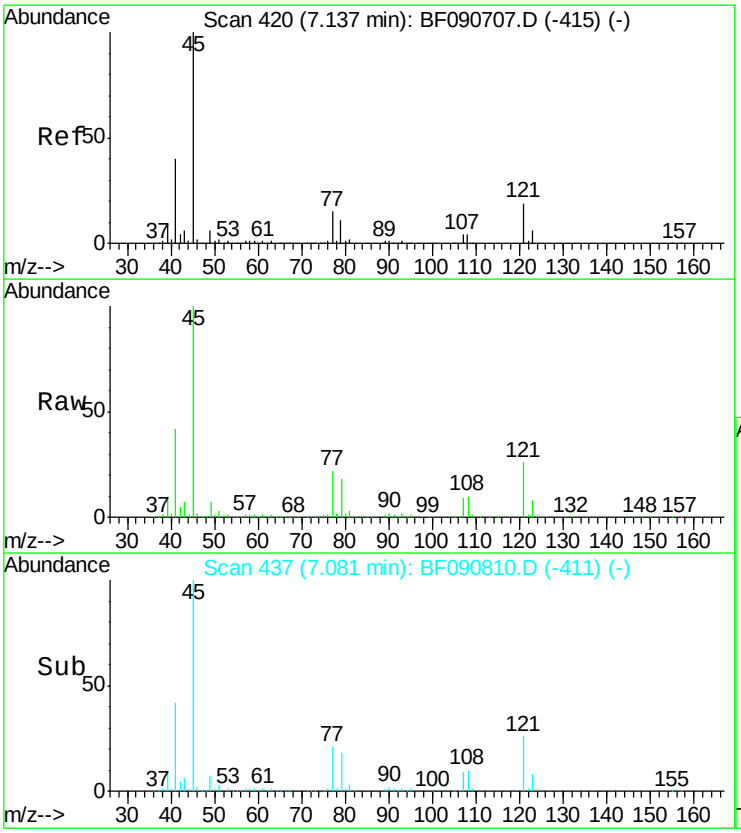
Tgt Ion: 79 Resp: 397136

Ion	Ratio	Lower	Upper
79	100		
108	77.6	88.6	132.8#
77	62.7	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

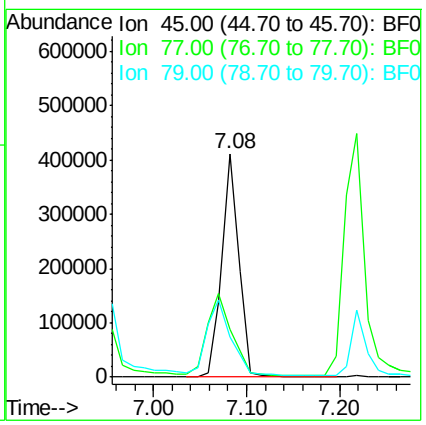


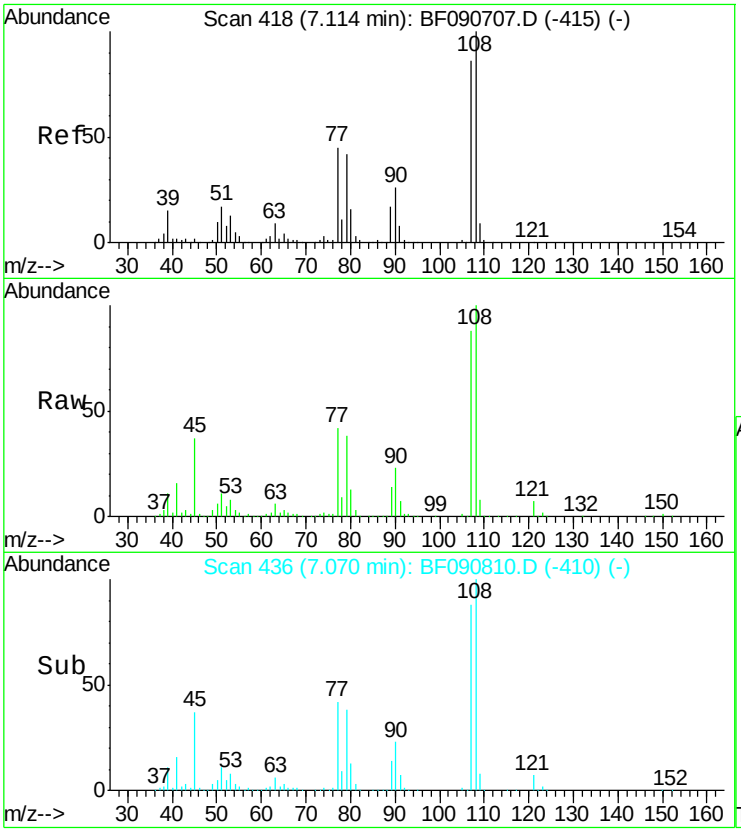


#16
2,2'-oxybis(1-Chloropropane)
Concen: 23.51 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 45 Resp: 528067

Ion	Ratio	Lower	Upper
45	100		
77	21.5	0.0	28.1
79	17.9	0.0	26.0

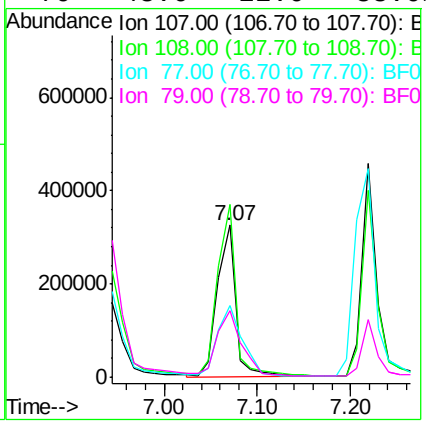




#17
2-Methylphenol
Concen: 41.78 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

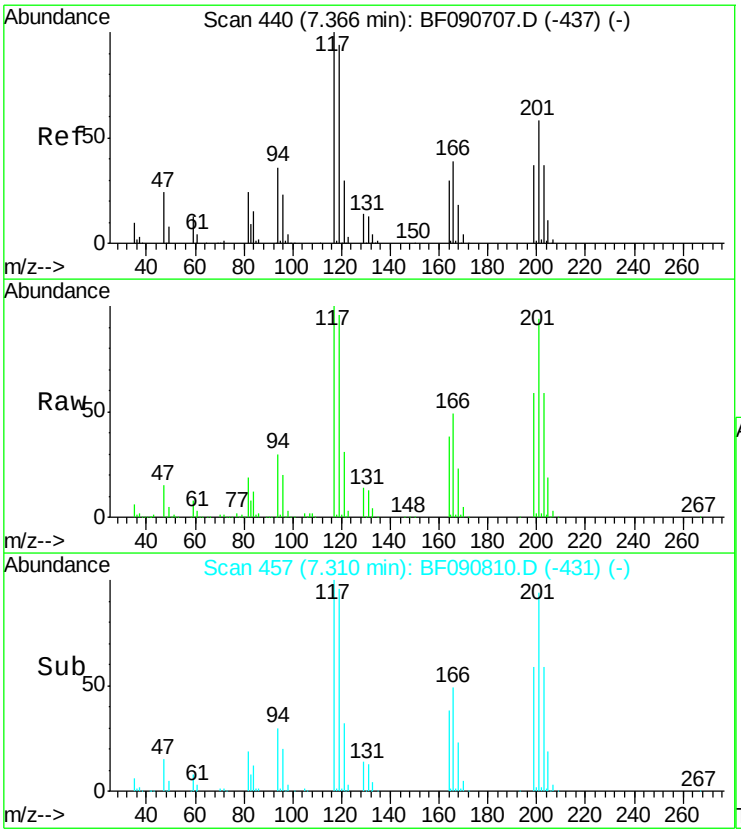
Tgt Ion:107 Resp: 442965

Ion	Ratio	Lower	Upper
107	100		
108	113.2	96.6	145.0
77	47.2	23.3	34.9#
79	43.6	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

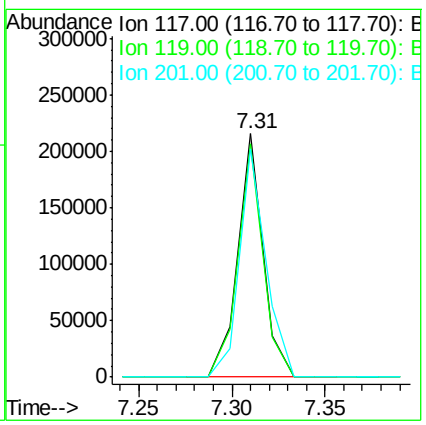
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

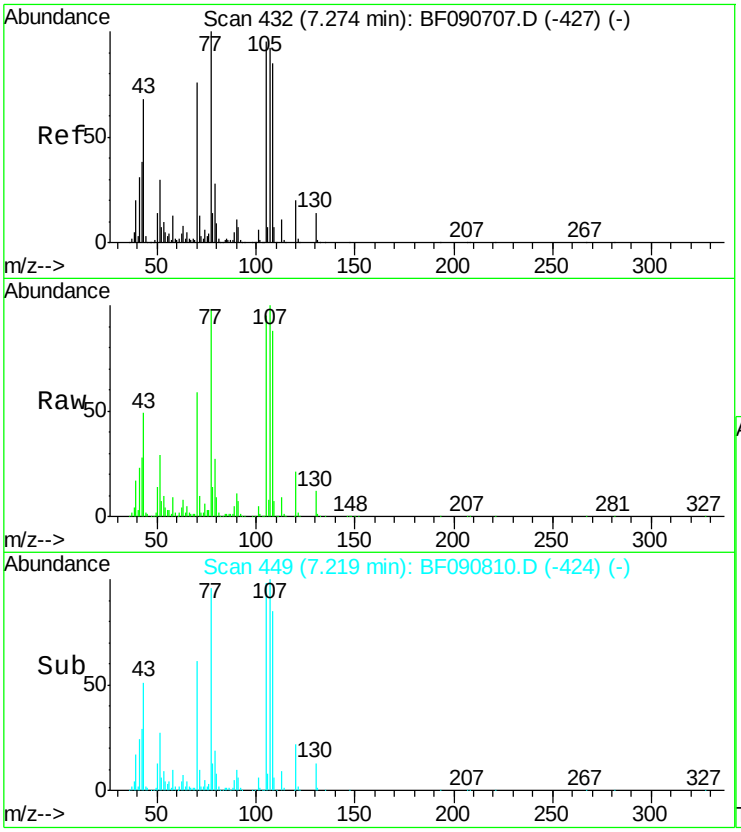


#18
Hexachloroethane
Concen: 33.50 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:117 Resp: 203885

Ion	Ratio	Lower	Upper
117	100		
119	95.8	83.8	125.6
201	93.6	55.1	82.7#

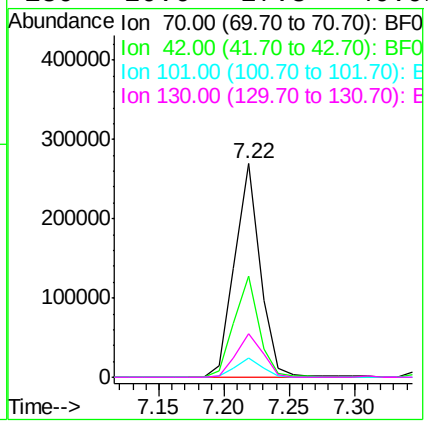




#19
n-Nitroso-di-n-propylamine
Concen: 31.16 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

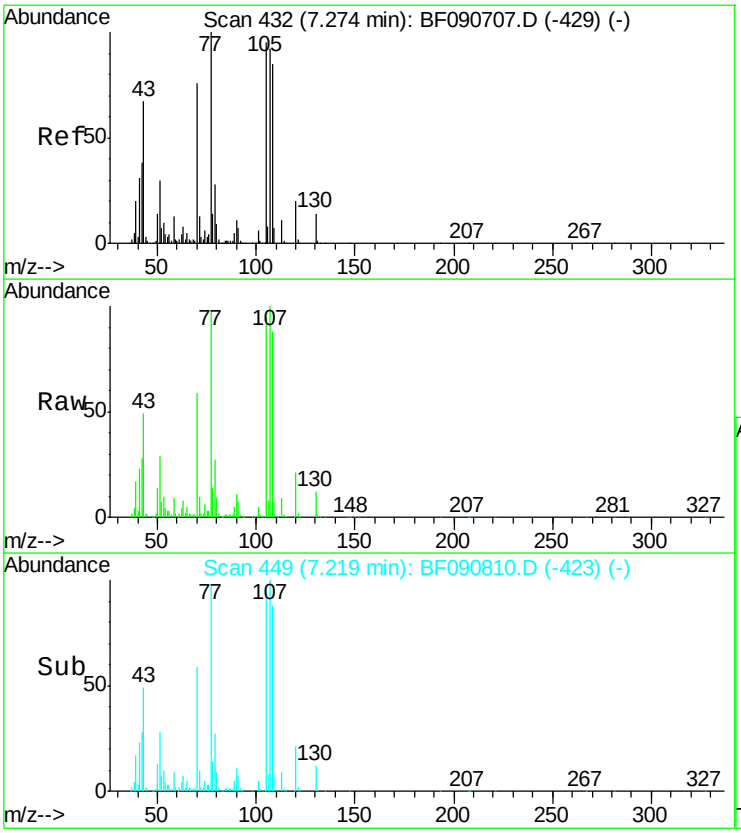
Tgt Ion: 70 Resp: 368388

Ion	Ratio	Lower	Upper
70	100		
42	47.6	63.8	95.6#
101	9.2	9.2	13.8
130	20.6	27.3	40.9#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

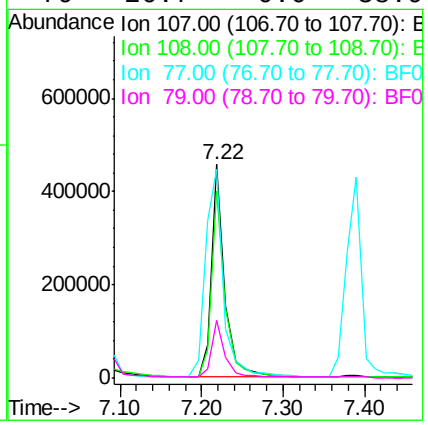
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

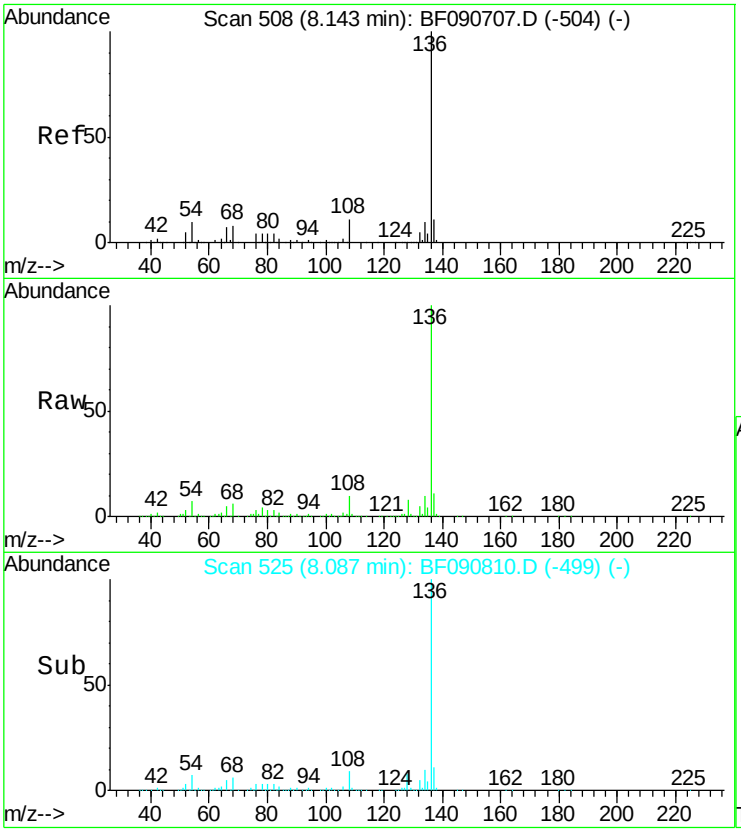


#20
3+4-Methylphenols
Concen: 41.41 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:107 Resp: 520335

Ion	Ratio	Lower	Upper
107	100		
108	87.6	74.6	114.6
77	97.9	0.7	40.7#
79	26.7	0.0	38.9

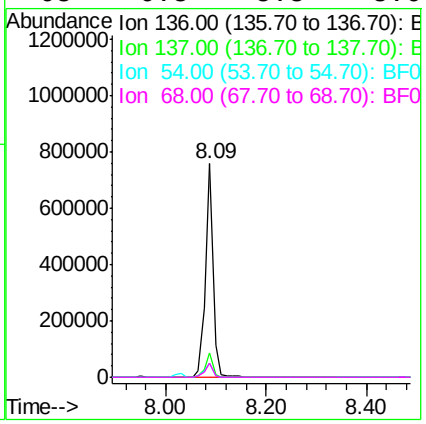




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

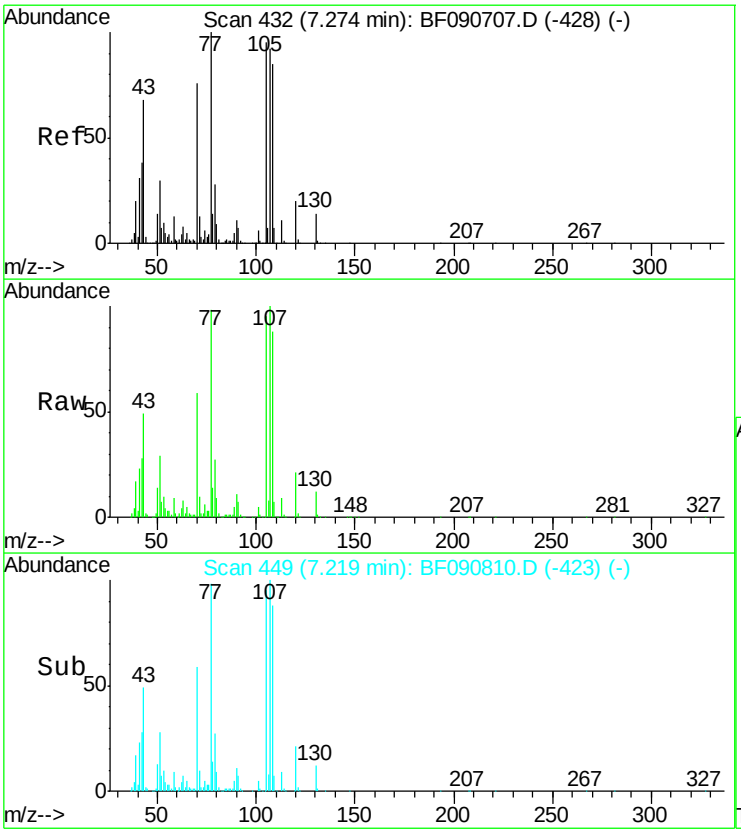
Tgt Ion:136 Resp: 805592

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	6.7	8.2	12.2#
68	6.3	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
PB94289BS

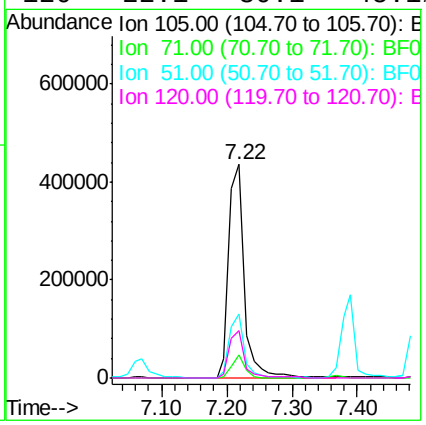
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

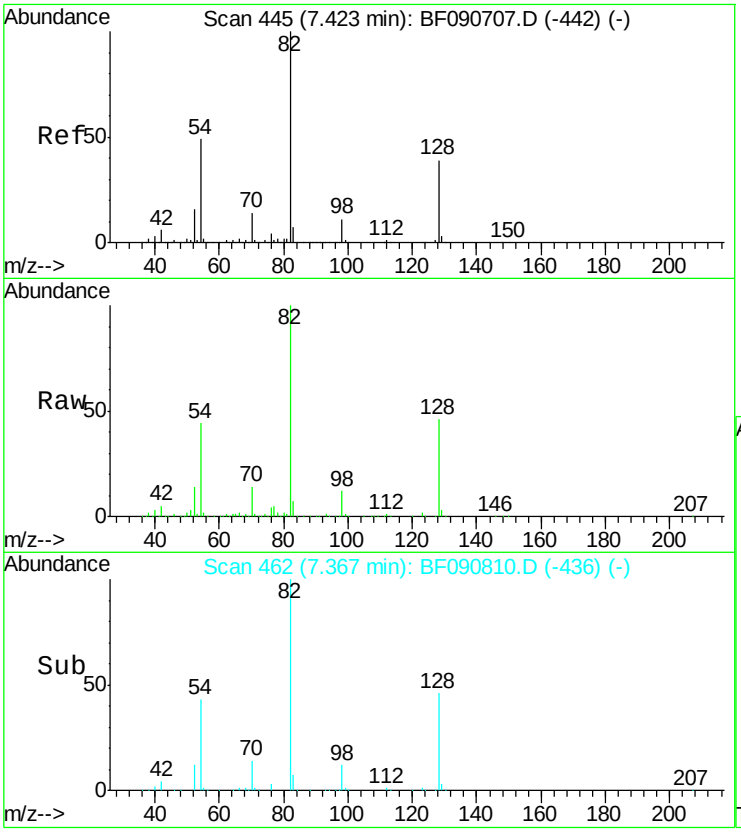


#22
Acetophenone
Concen: 40.17 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:105 Resp: 721158

Ion	Ratio	Lower	Upper
105	100		
71	10.7	4.7	7.1#
51	30.0	22.0	33.0
120	22.1	30.1	45.1#

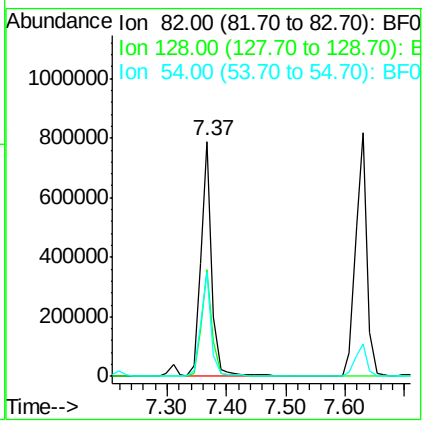




#23
Nitrobenzene-d5
Concen: 70.22 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

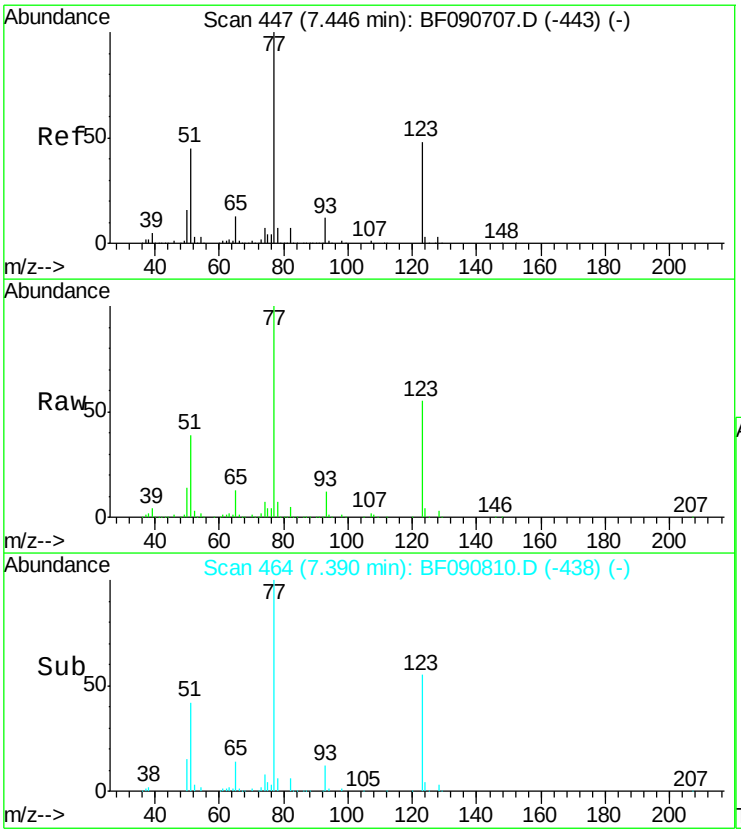
Tgt Ion: 82 Resp: 1031347

Ion	Ratio	Lower	Upper
82	100		
128	45.7	51.0	76.6#
54	44.5	47.5	71.3#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

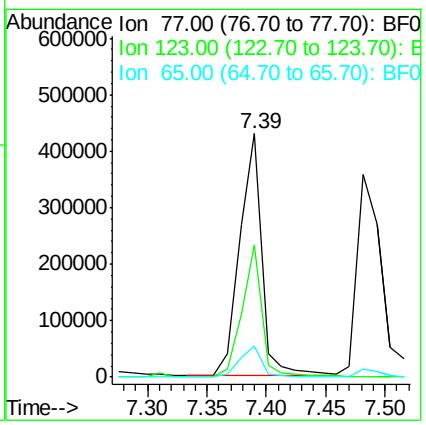
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

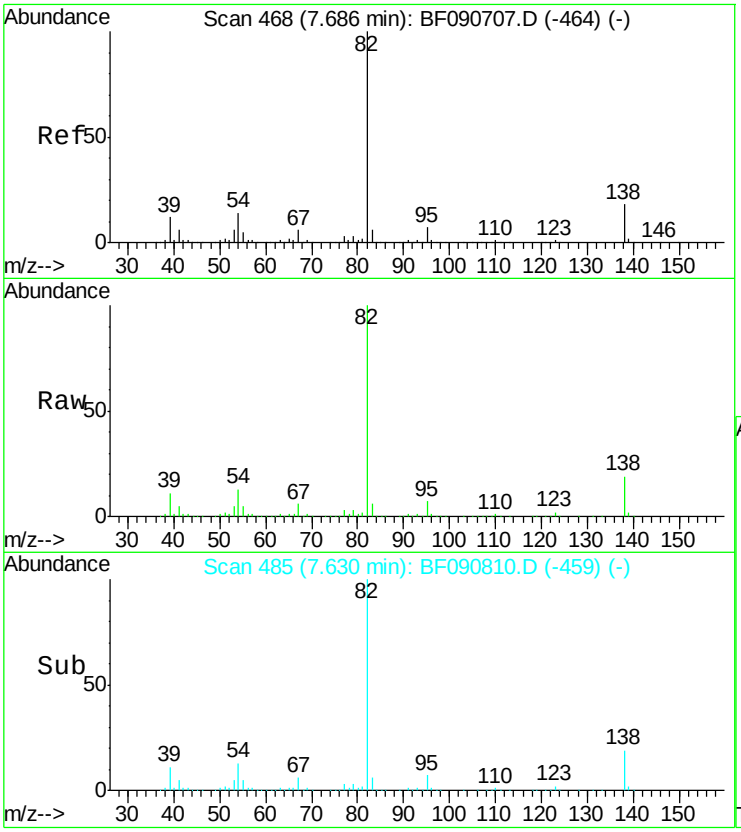


#24
Nitrobenzene
Concen: 34.91 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 77 Resp: 555814

Ion	Ratio	Lower	Upper
77	100		
123	54.5	59.8	89.8#
65	12.5	10.2	15.4

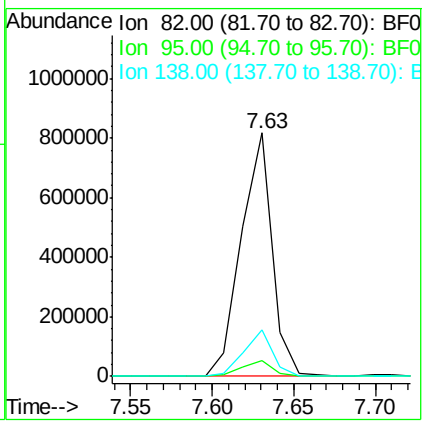




#25
Isophorone
Concen: 38.32 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

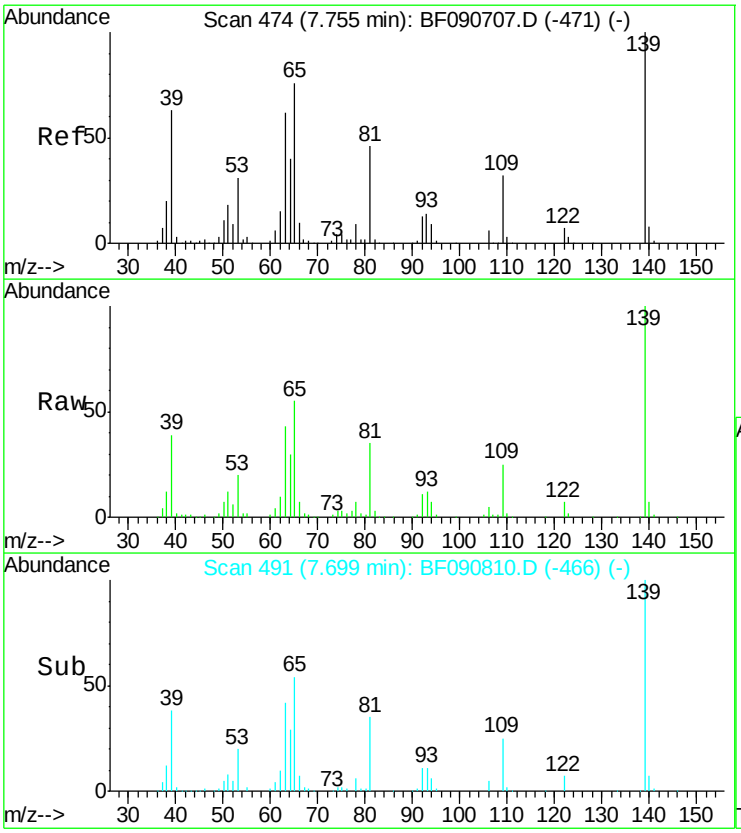
Tgt Ion: 82 Resp: 1065566

Ion	Ratio	Lower	Upper
82	100		
95	6.7	4.0	6.0#
138	19.0	18.3	27.5



Instrument :
BNA_F
ClientSampleId :
PB94289BS

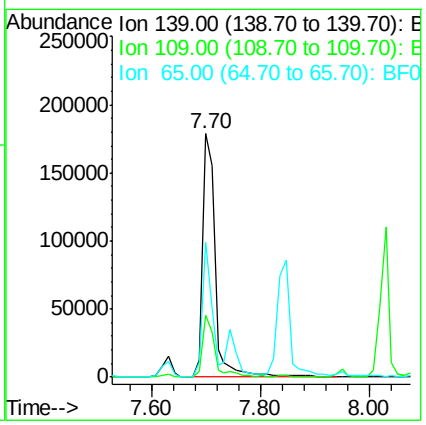
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

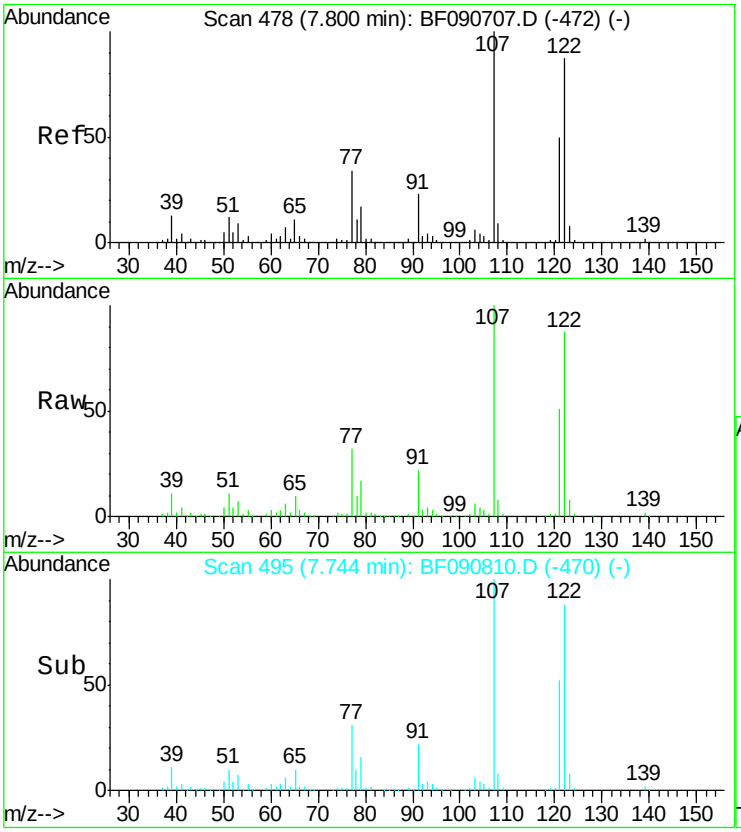


#26
2-Nitrophenol
Concen: 43.75 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:139 Resp: 284610

Ion	Ratio	Lower	Upper
139	100		
109	25.4	11.0	16.4#
65	55.4	24.7	37.1#

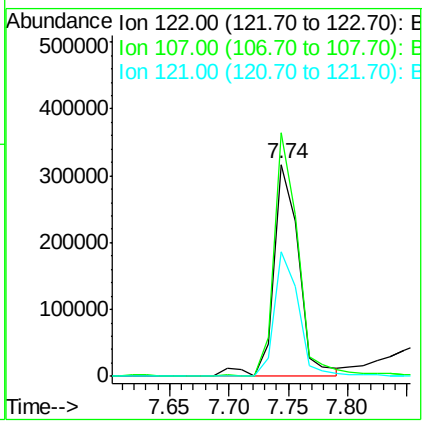




#27
2,4-Dimethylphenol
Concen: 40.27 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

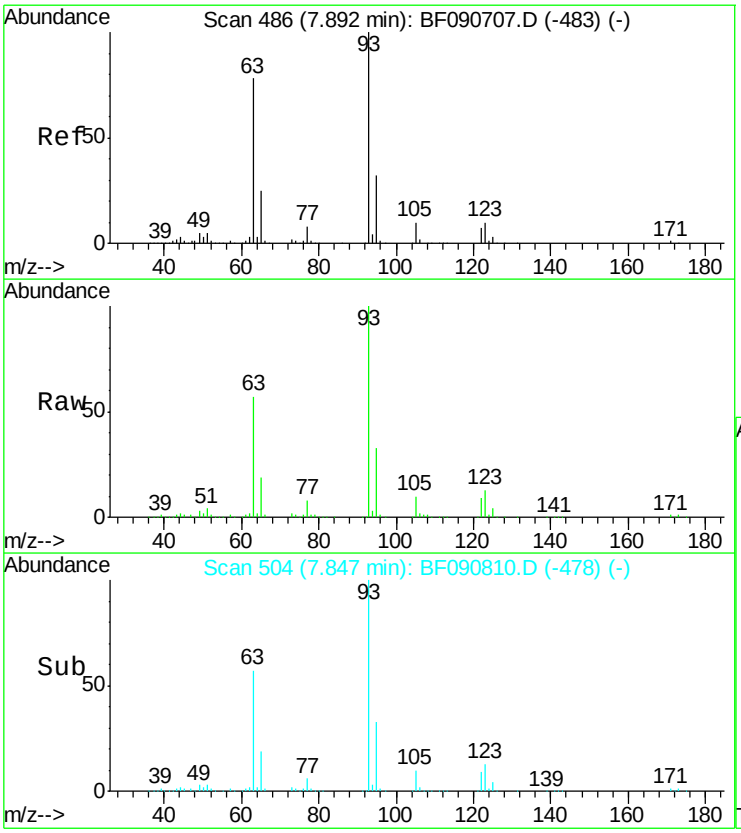
Tgt Ion:122 Resp: 464536

Ion	Ratio	Lower	Upper
122	100		
107	114.8	71.8	107.6#
121	59.0	42.3	63.5



Instrument :
BNA_F
ClientSampleId :
PB94289BS

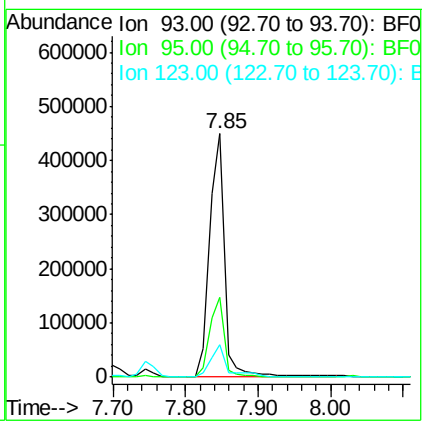
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

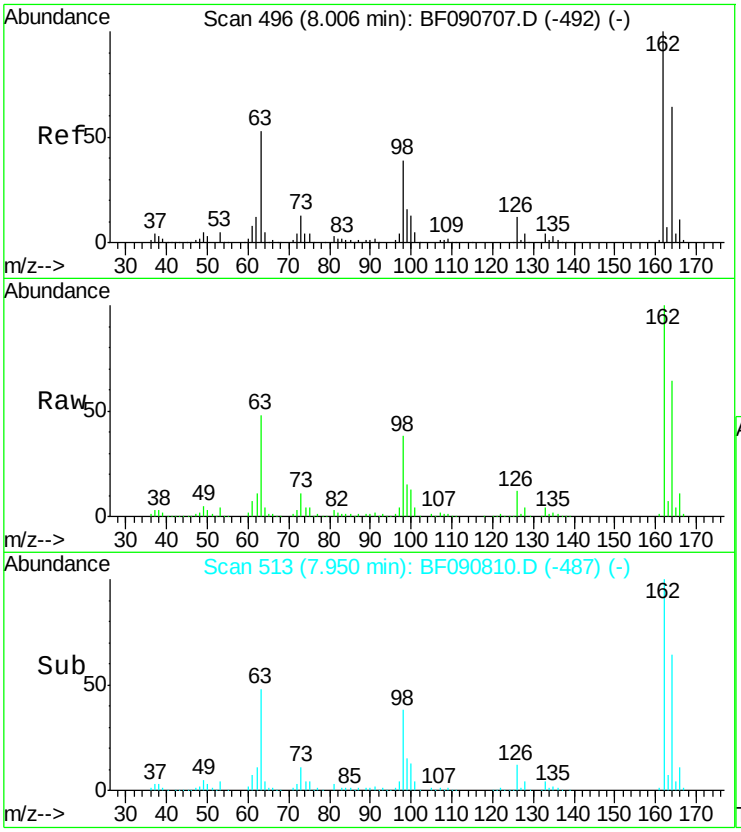


#28
bis(2-Chloroethoxy)methane
Concen: 42.21 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 93 Resp: 642076

Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.5	41.3
123	13.2	13.7	20.5#

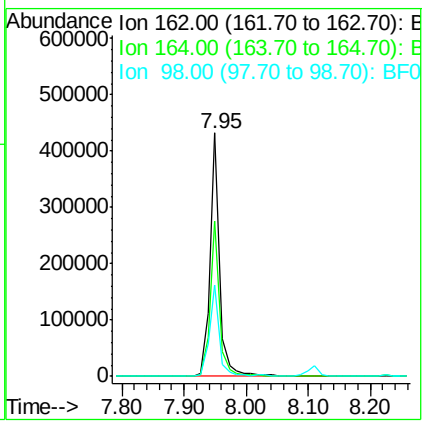




#29
2,4-Dichlorophenol
Concen: 48.90 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

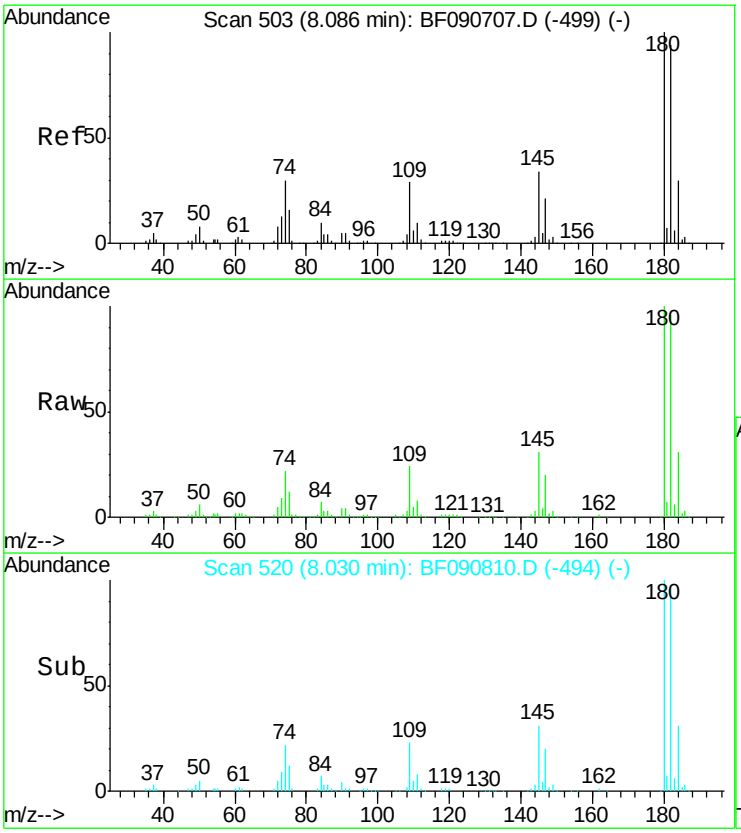
Tgt Ion:162 Resp: 462863

Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	37.5	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
PB94289BS

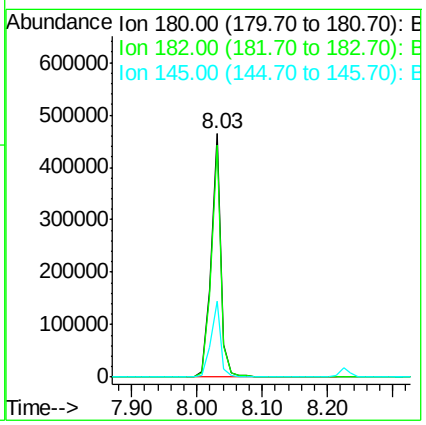
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

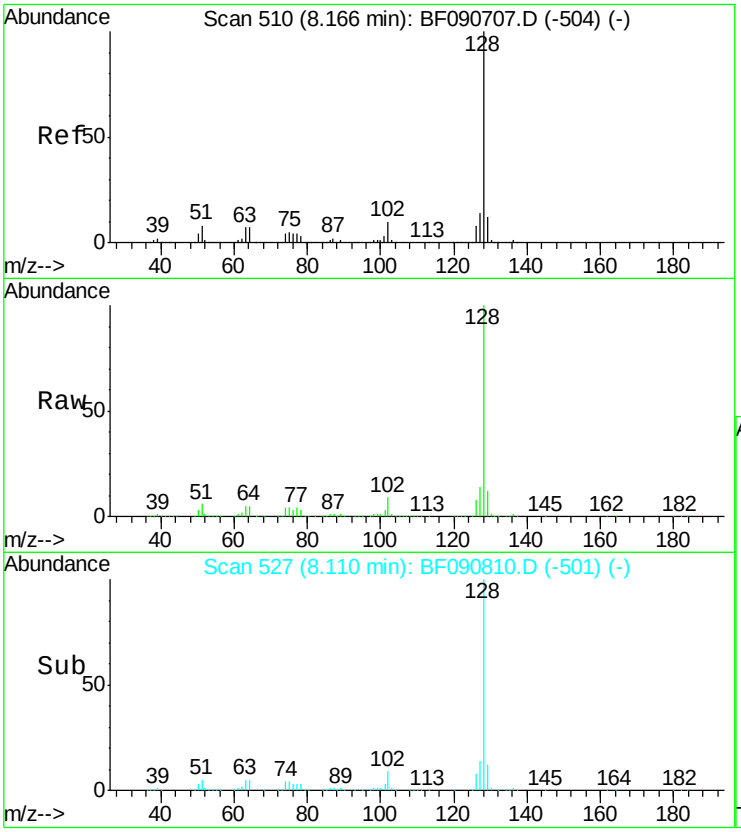


#30
1,2,4-Trichlorobenzene
Concen: 44.72 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:180 Resp: 498210

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.1	115.7
145	31.1	23.3	34.9

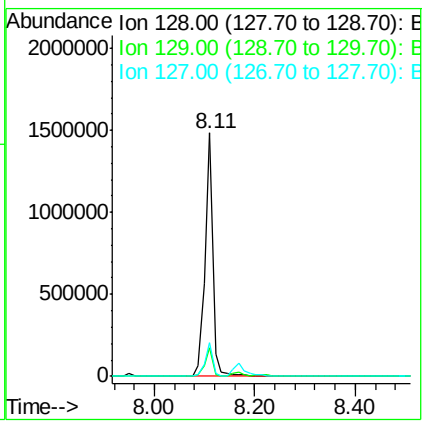




#31
Naphthalene
Concen: 40.87 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

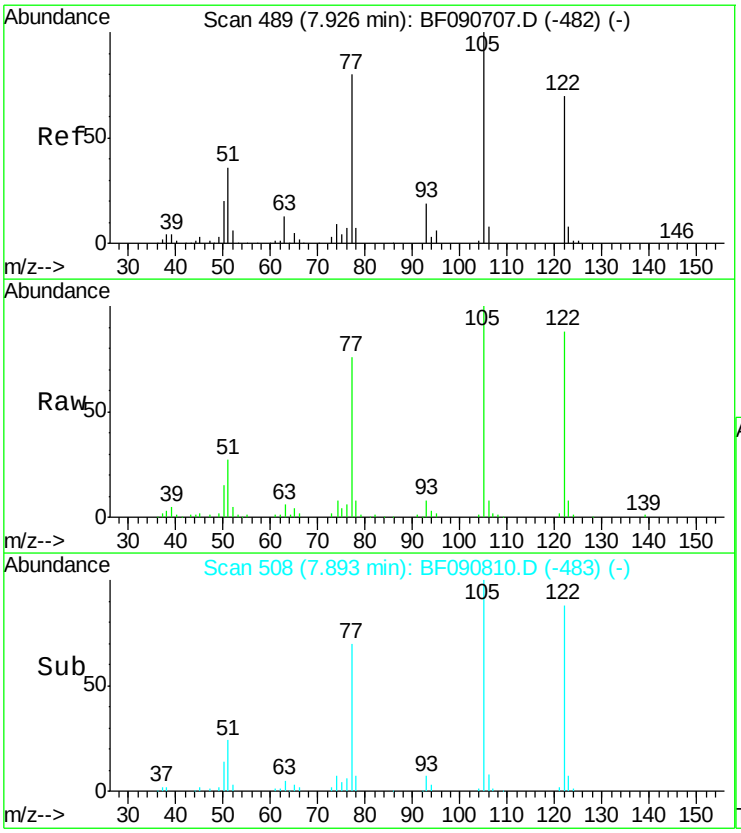
Tgt Ion:128 Resp: 1610707

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	13.7	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
PB94289BS

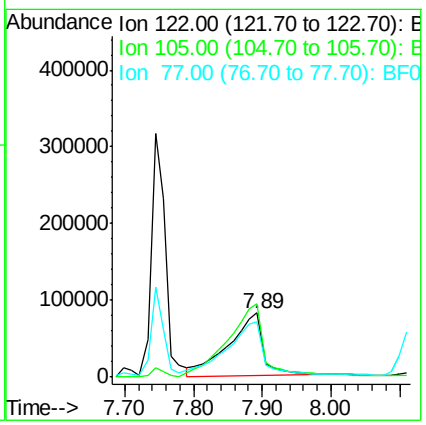
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

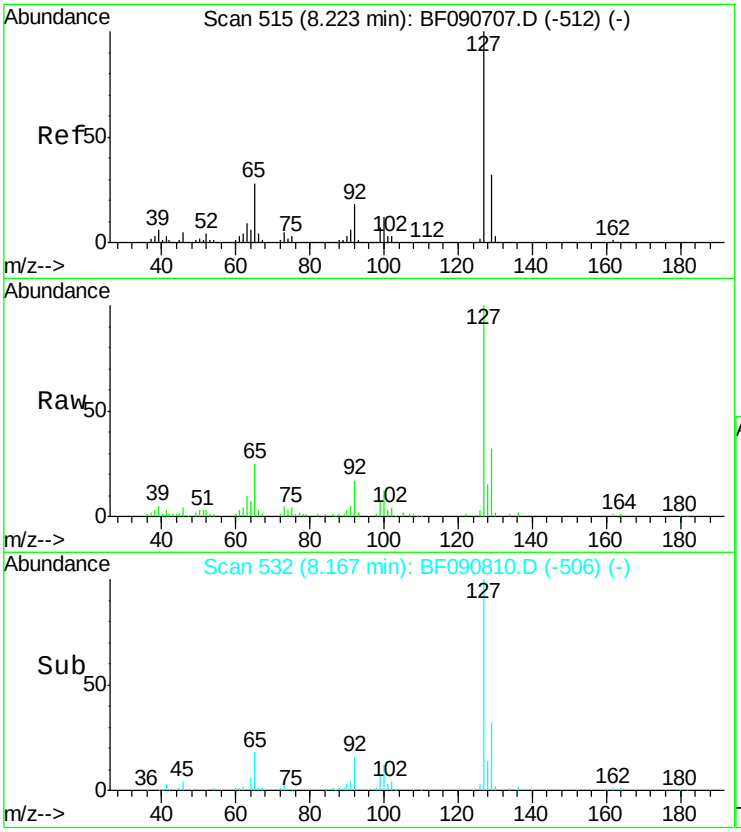


#32
Benzoic acid
Concen: 37.35 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:122 Resp: 287578

Ion	Ratio	Lower	Upper
122	100		
105	114.2	76.1	116.1
77	87.0	40.5	80.5#

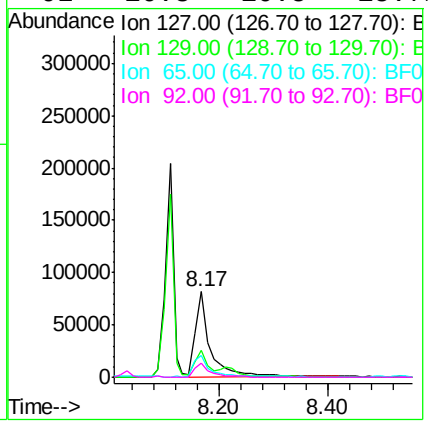




#33
4-Chloroaniline
Concen: 10.50 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

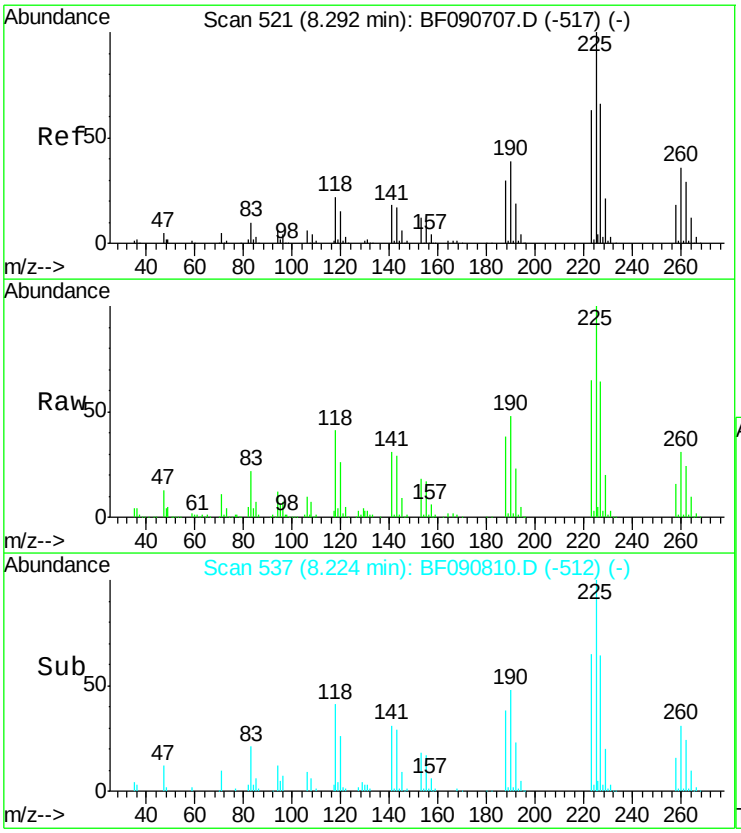
Tgt Ion:127 Resp: 153377

Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.8	38.6
65	25.0	17.9	26.9
92	16.8	10.5	15.7#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

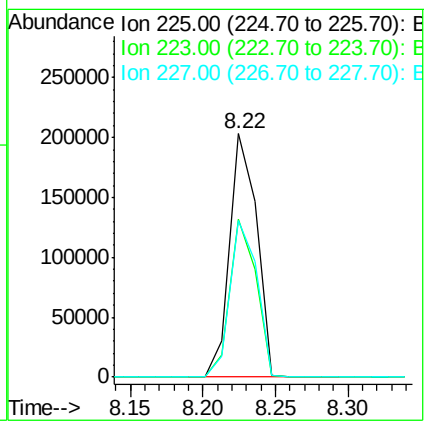
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

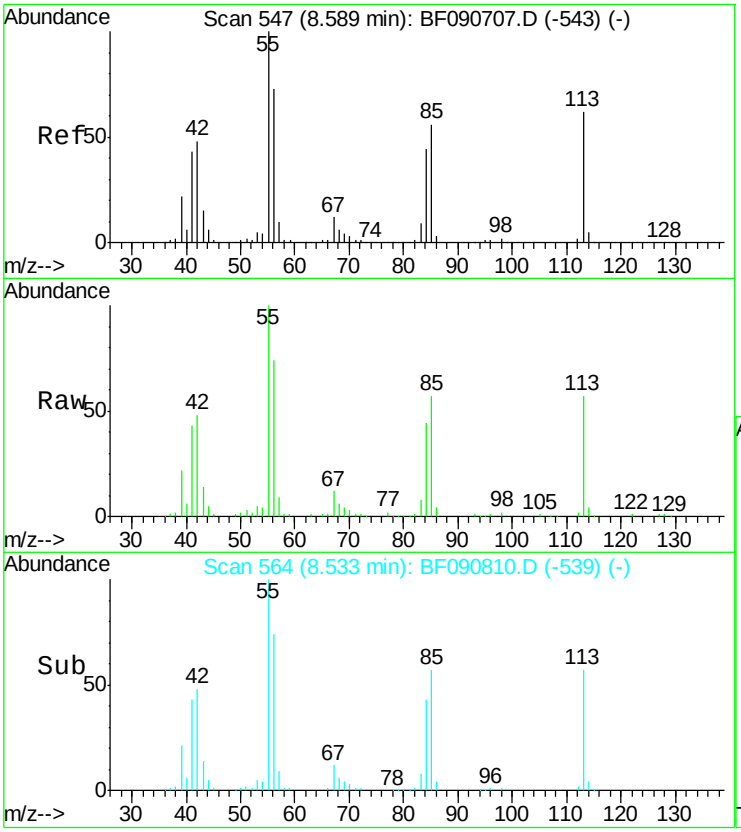


#34
Hexachlorobutadiene
Concen: 41.96 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:225 Resp: 262826

Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.2	75.2
227	64.3	52.2	78.2

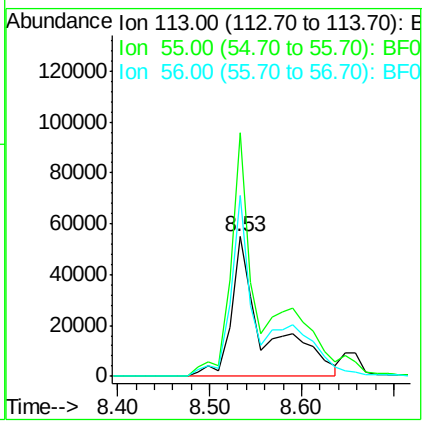




#35
Caprolactam
Concen: 52.41 ng m
RT: 8.53 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

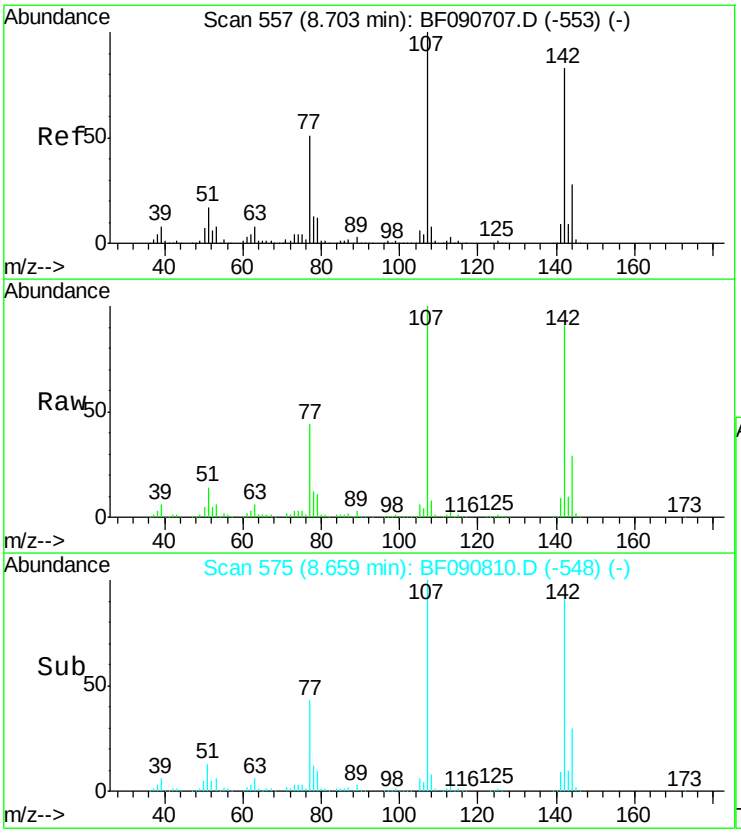
Tgt Ion:113 Resp: 141690

Ion	Ratio	Lower	Upper
113	100		
55	174.4	152.4	192.4
56	129.4	104.6	144.6



Instrument :
BNA_F
ClientSampleId :
PB94289BS

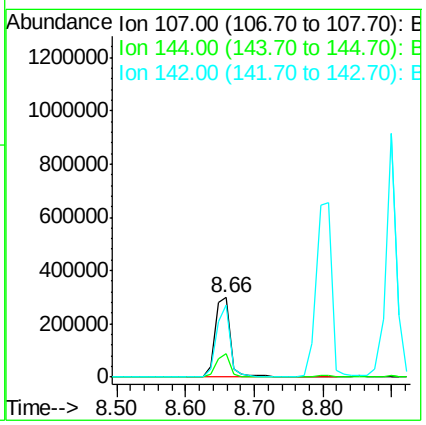
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

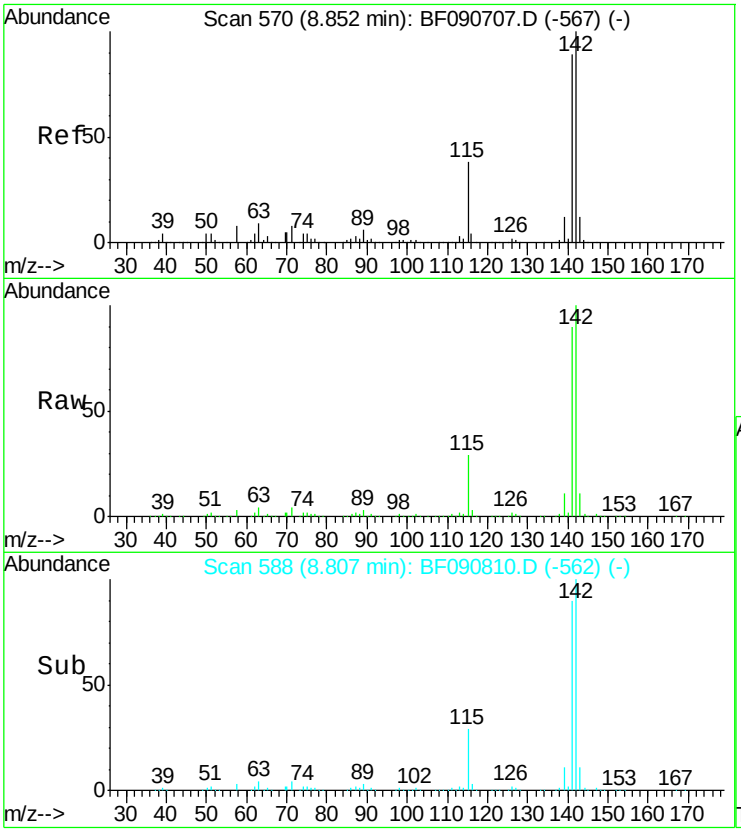


#36
4-Chloro-3-methylphenol
Concen: 43.32 ng
RT: 8.66 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:107 Resp: 476998

Ion	Ratio	Lower	Upper
107	100		
144	29.5	25.4	38.0
142	91.3	77.3	115.9

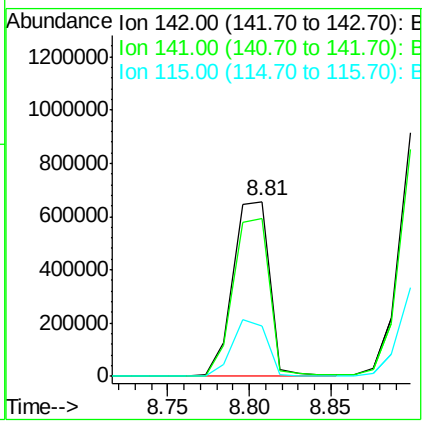




#37
2-Methylnaphthalene
Concen: 44.02 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

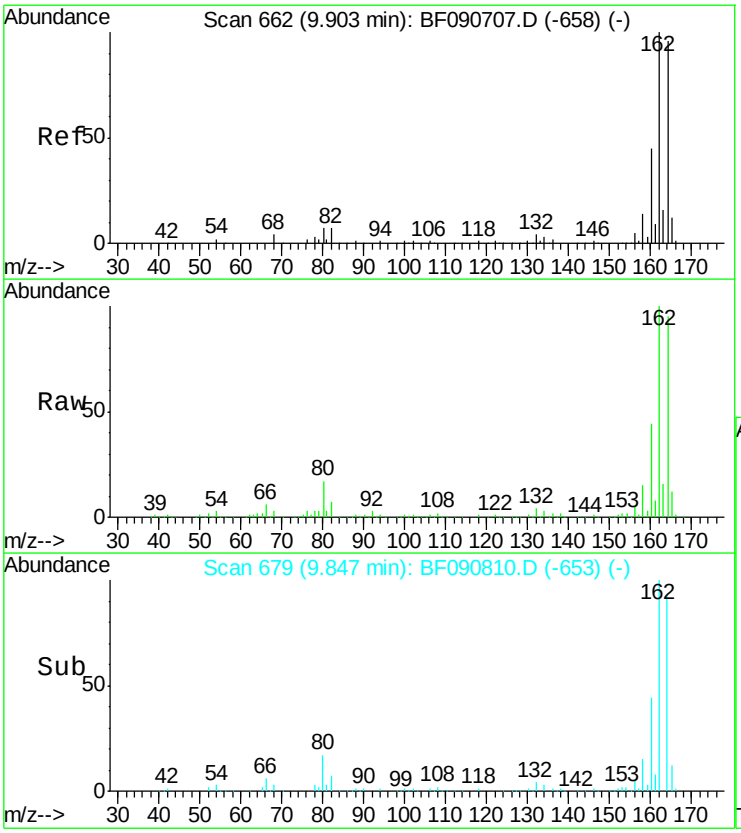
Tgt Ion:142 Resp: 1013723

Ion	Ratio	Lower	Upper
142	100		
141	90.2	67.5	101.3
115	28.7	18.2	27.2#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

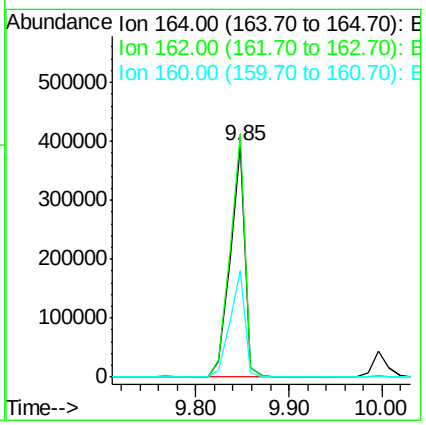
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

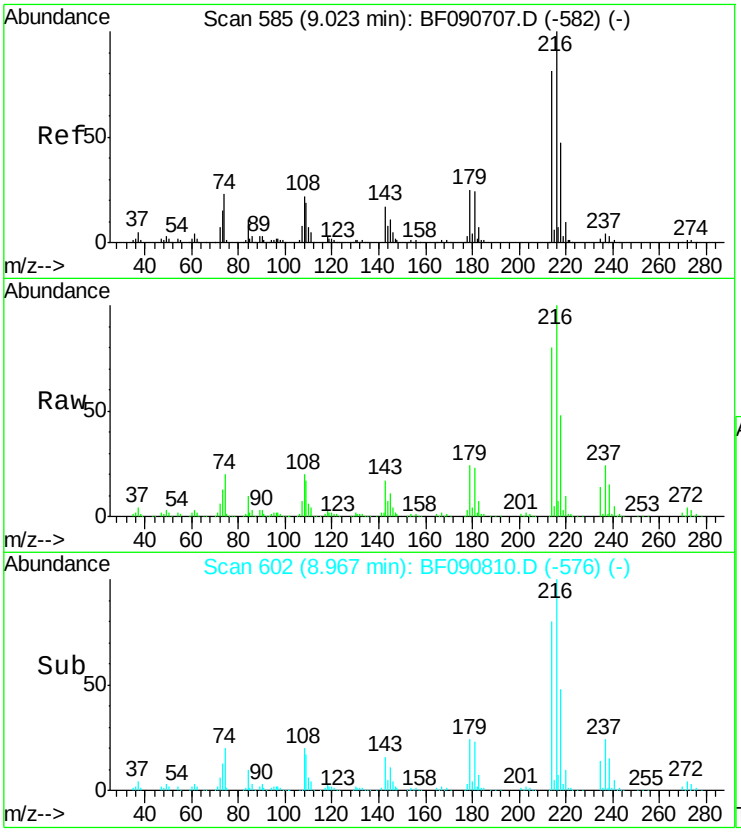


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:164 Resp: 439588

Ion	Ratio	Lower	Upper
164	100		
162	105.4	75.2	112.8
160	45.9	31.5	47.3

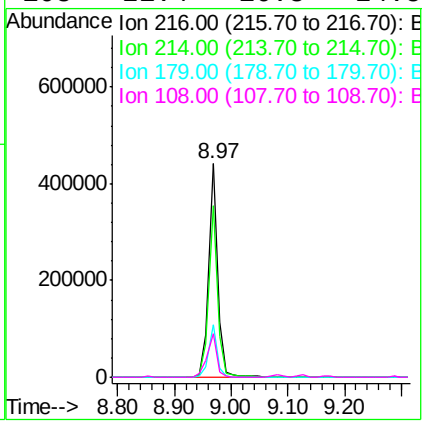




#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.40 ng
RT: 8.97 min Scan# 602
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

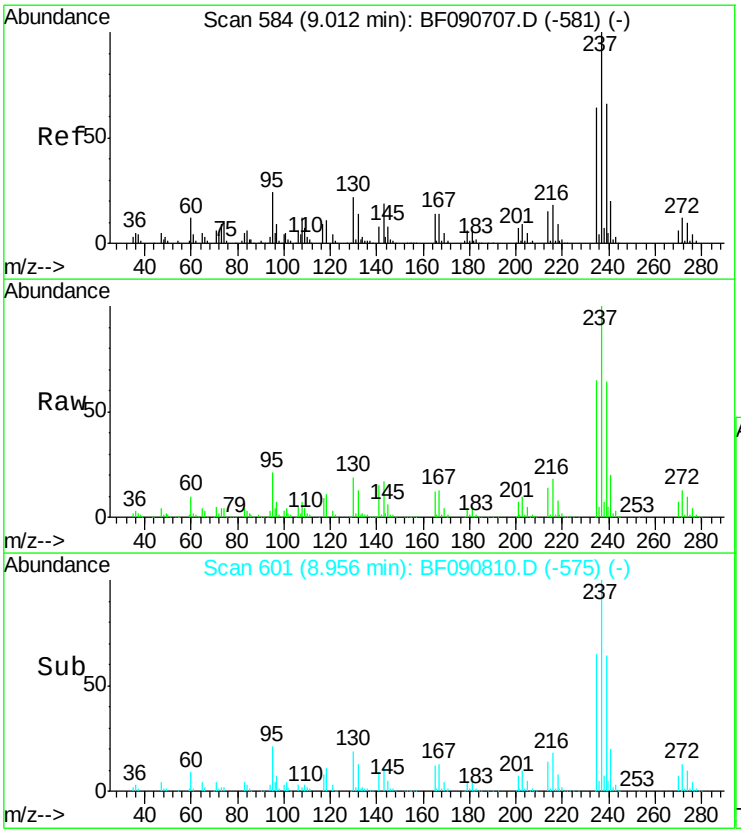
Tgt Ion:216 Resp: 467669

Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	22.8	16.6	24.8
108	21.4	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
PB94289BS

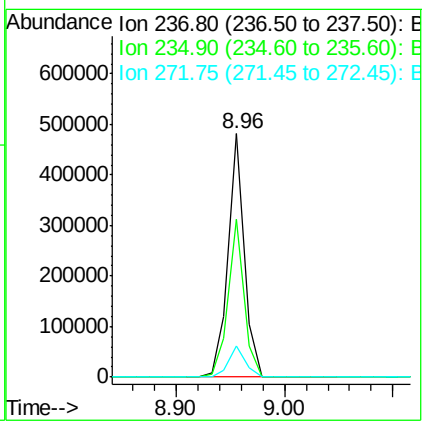
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

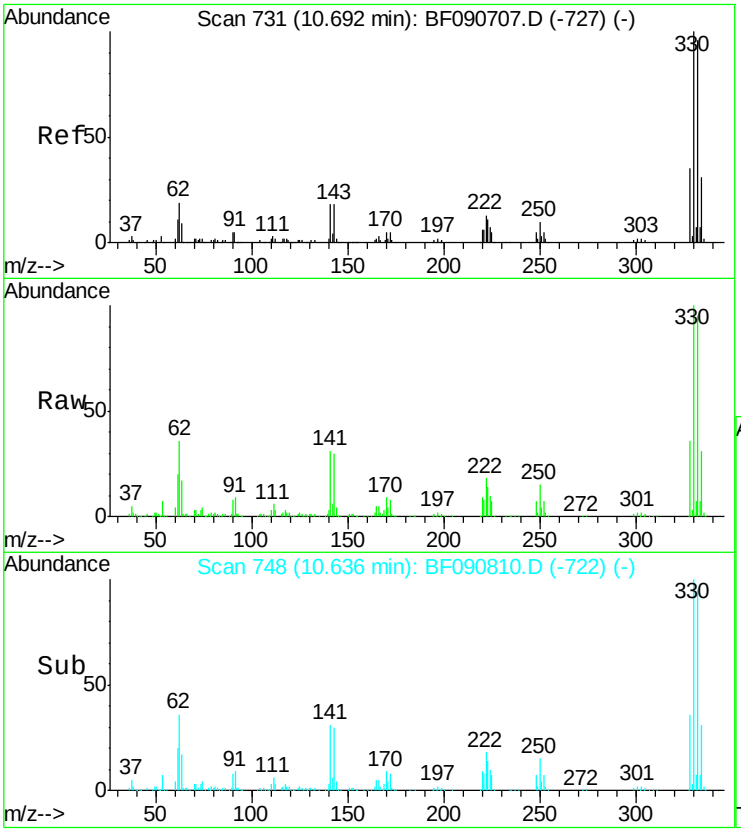


#40
Hexachlorocyclopentadiene
Concen: 88.36 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:237 Resp: 492370

Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.0	82.0
272	12.8	0.0	36.1

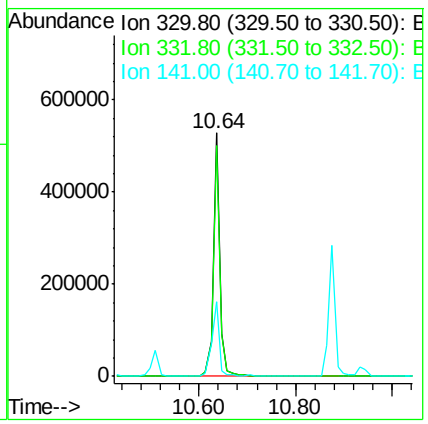




#41
2,4,6-Tribromophenol
Concen: 146.94 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

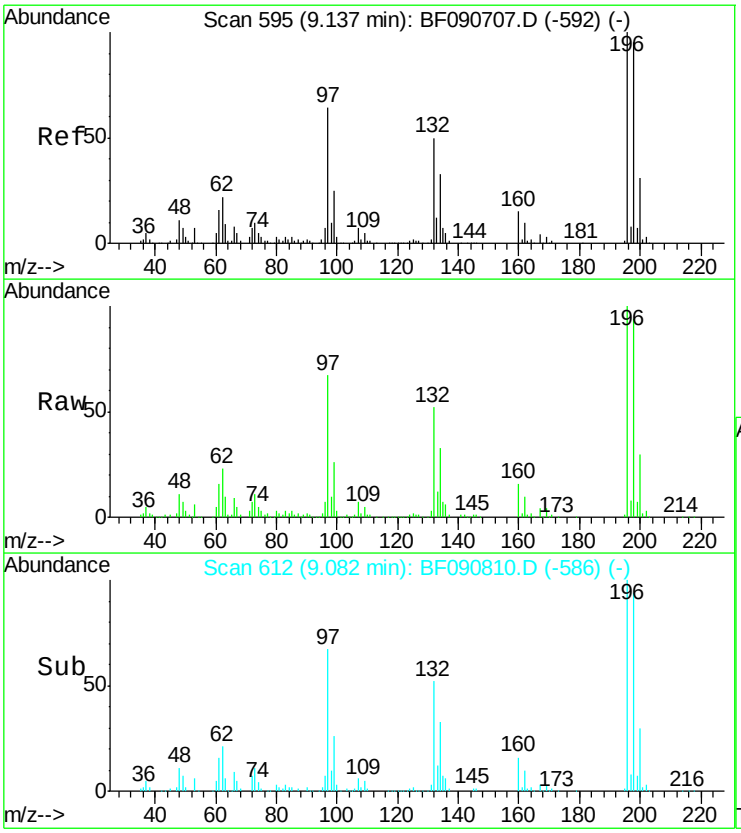
Tgt Ion:330 Resp: 511245

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	34.5	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
PB94289BS

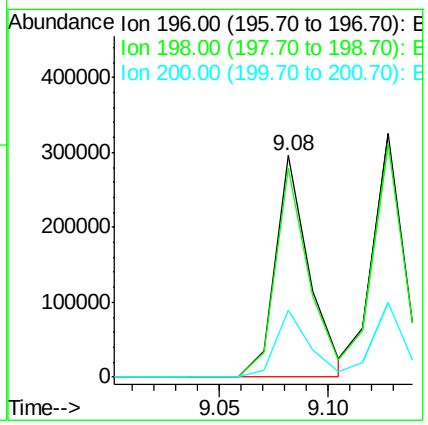
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

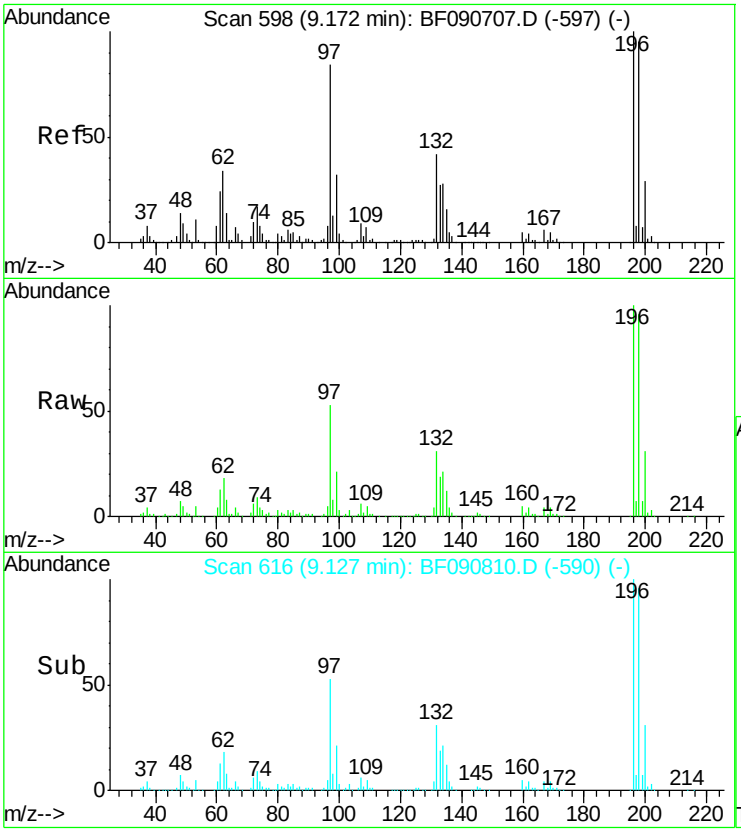


#42
2,4,6-Trichlorophenol
Concen: 43.87 ng
RT: 9.08 min Scan# 612
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:196 Resp: 322944

Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
200	30.2	23.9	35.9

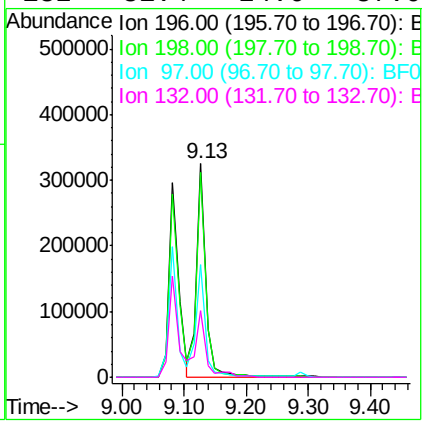




#43
2,4,5-Trichlorophenol
Concen: 46.59 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

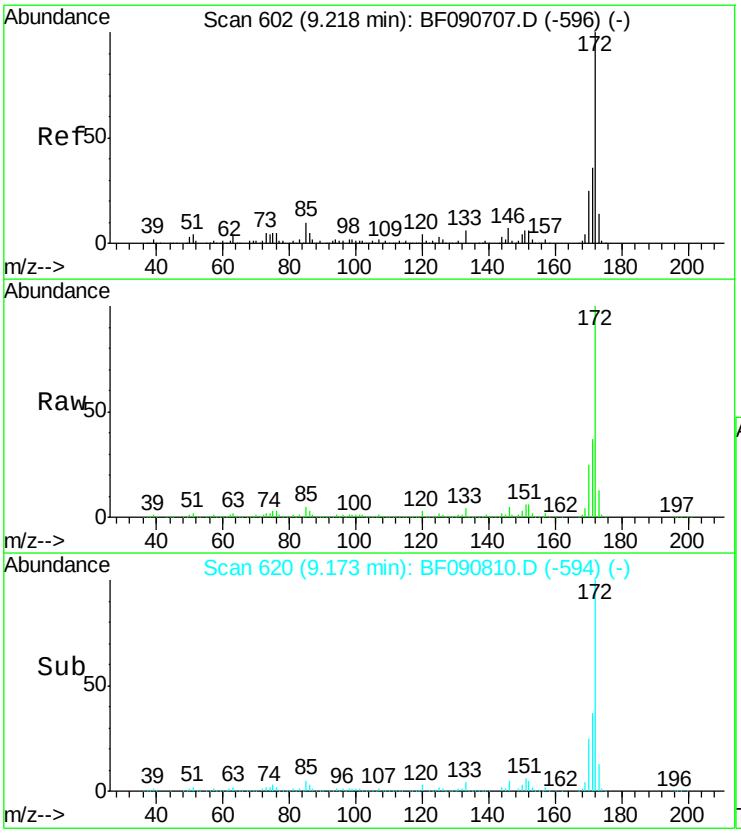
Tgt Ion:196 Resp: 347999

Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.4	113.0
97	52.5	33.3	49.9#
132	31.4	24.6	37.0



Instrument :
BNA_F
ClientSampleId :
PB94289BS

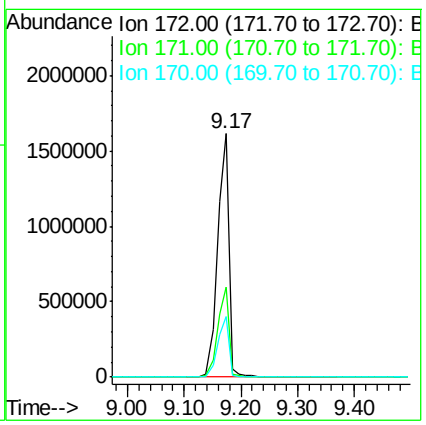
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

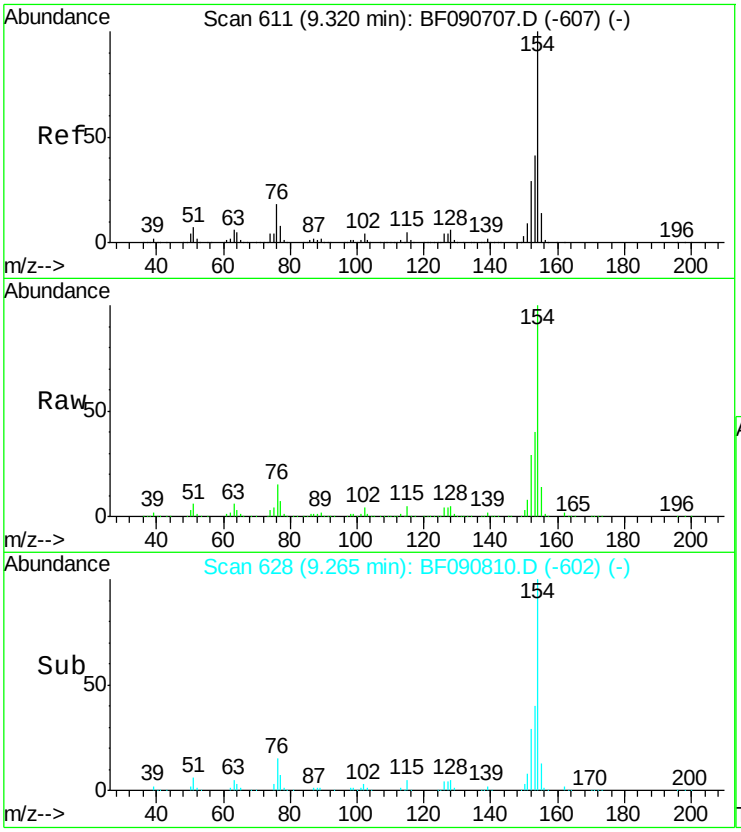


#44
2-Fluorobiphenyl
Concen: 78.49 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:172 Resp: 2222516

Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.1	39.1
170	25.1	17.4	26.2

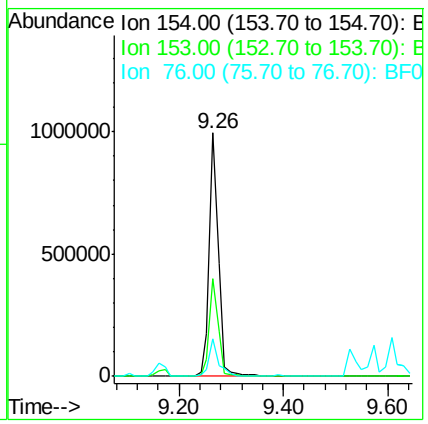




#45
1,1'-Biphenyl
Concen: 34.92 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

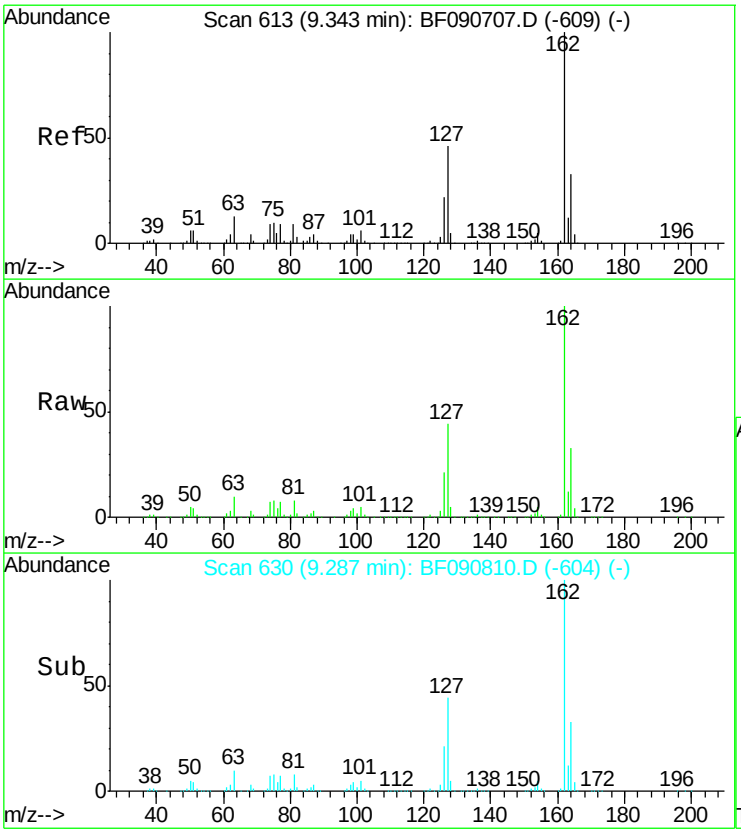
Tgt Ion:154 Resp: 1205454

Ion	Ratio	Lower	Upper
154	100		
153	40.3	17.1	57.1
76	15.2	0.0	31.6



Instrument :
BNA_F
ClientSampleId :
PB94289BS

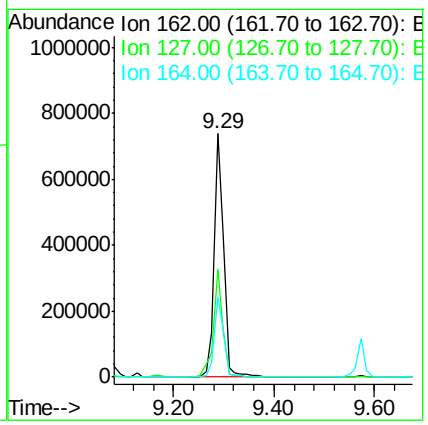
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

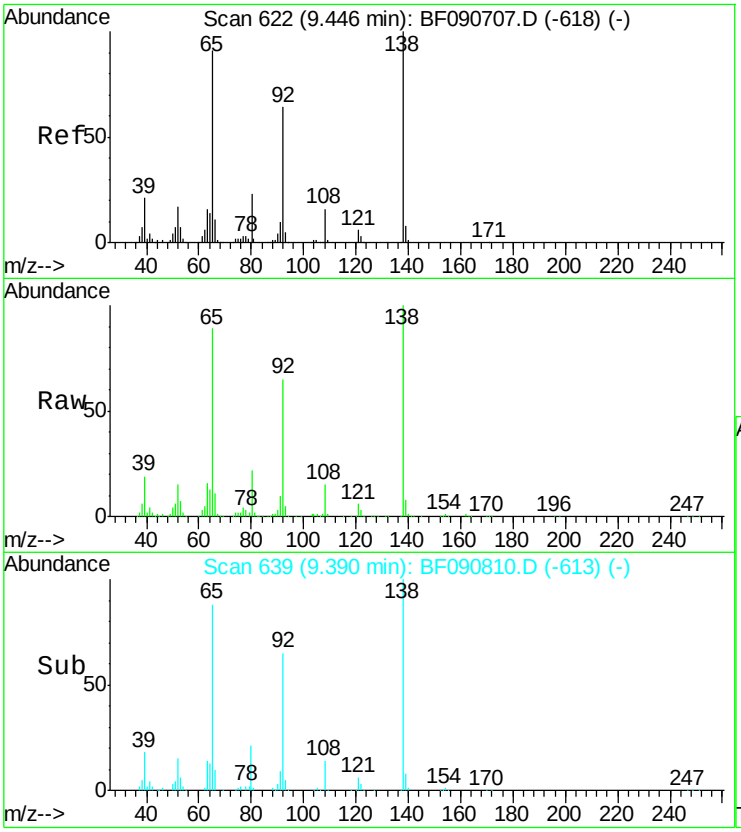


#46
2-Chloronaphthalene
Concen: 38.03 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:162 Resp: 975864

Ion	Ratio	Lower	Upper
162	100		
127	44.1	27.6	41.4#
164	32.9	25.4	38.2

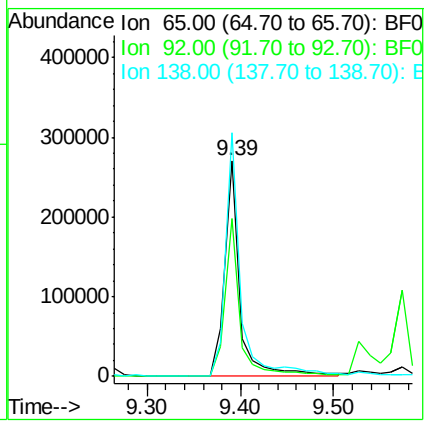




#47
2-Nitroaniline
Concen: 35.98 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

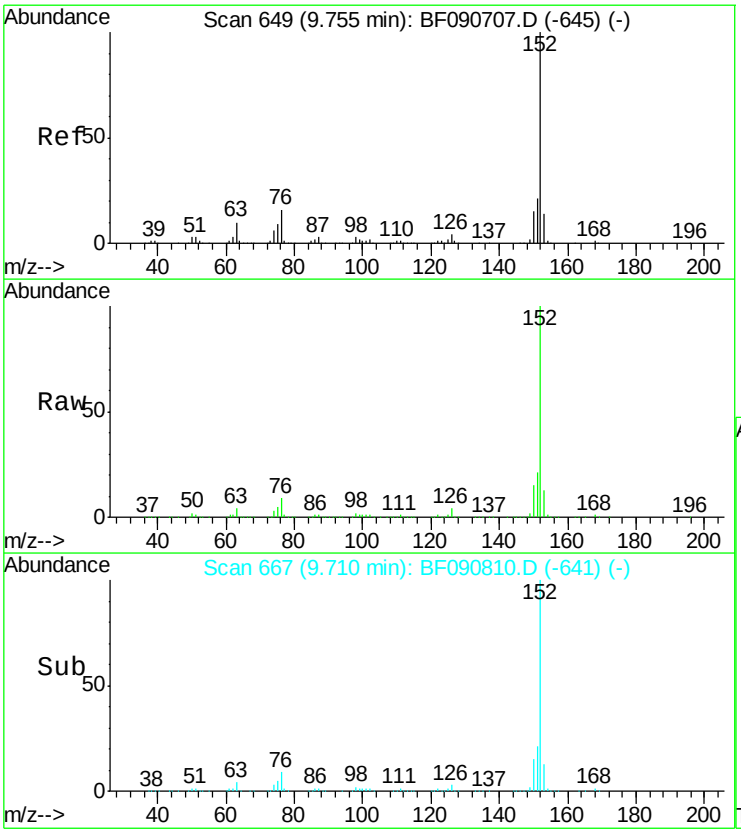
Tgt Ion: 65 Resp: 306446

Ion	Ratio	Lower	Upper
65	100		
92	73.1	55.4	83.0
138	112.9	115.5	173.3#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

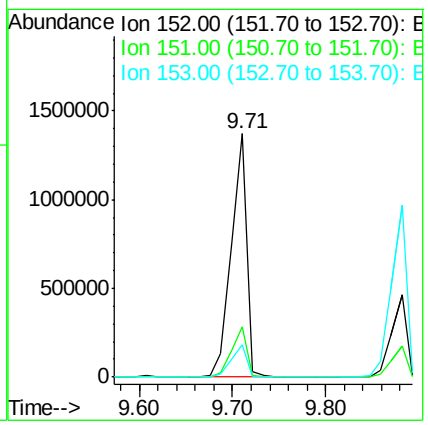
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

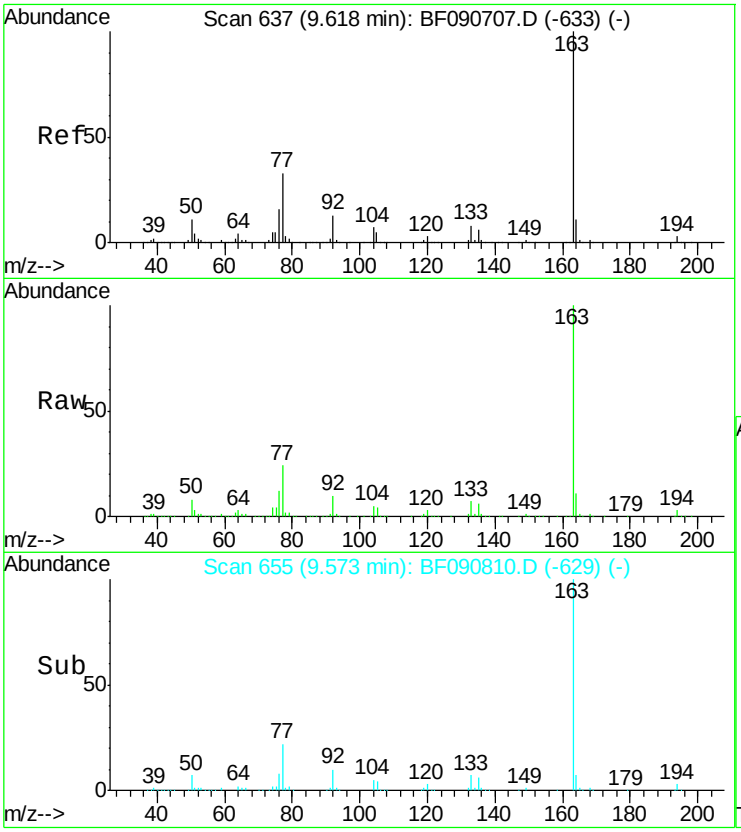


#48
Acenaphthylene
Concen: 41.04 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:152 Resp: 1606688

Ion	Ratio	Lower	Upper
152	100		
151	20.6	14.6	22.0
153	13.5	10.3	15.5

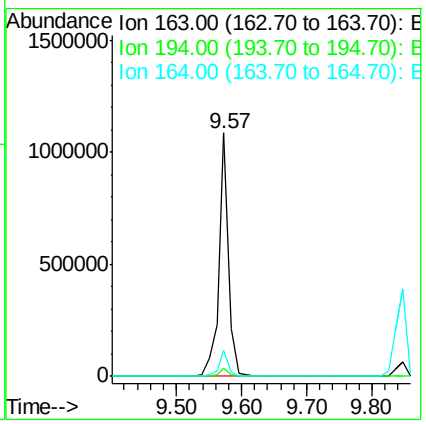




#49
Dimethylphthalate
Concen: 41.04 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

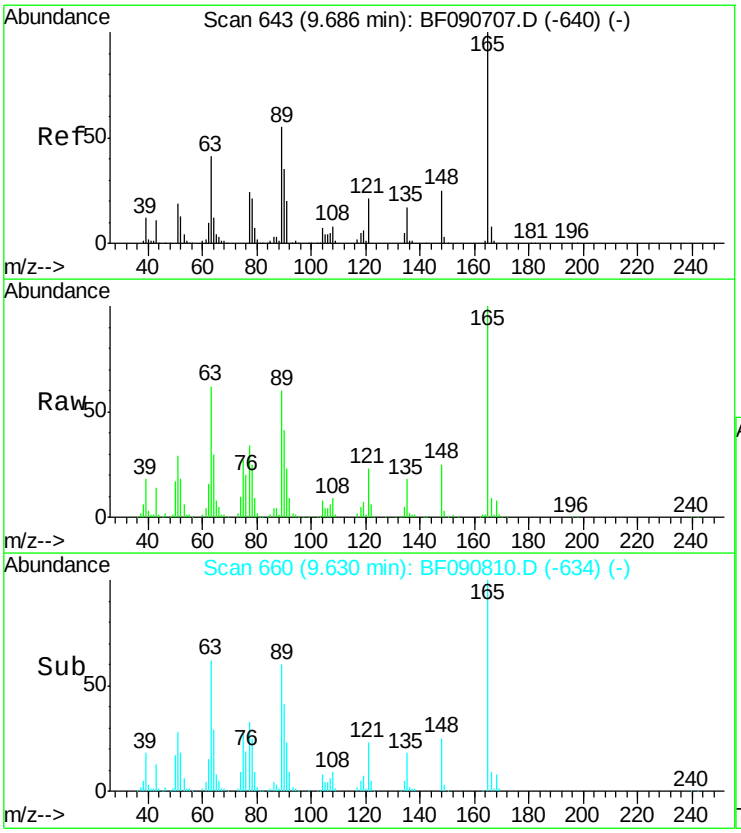
Tgt Ion:163 Resp: 1133677

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.8	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
PB94289BS

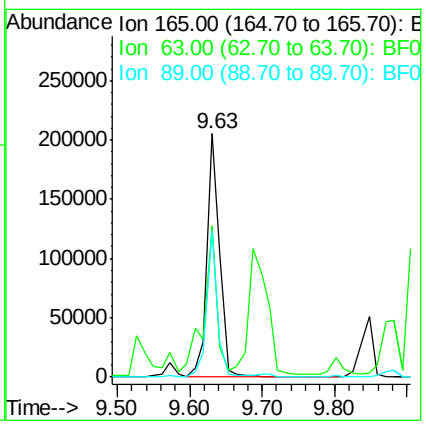
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

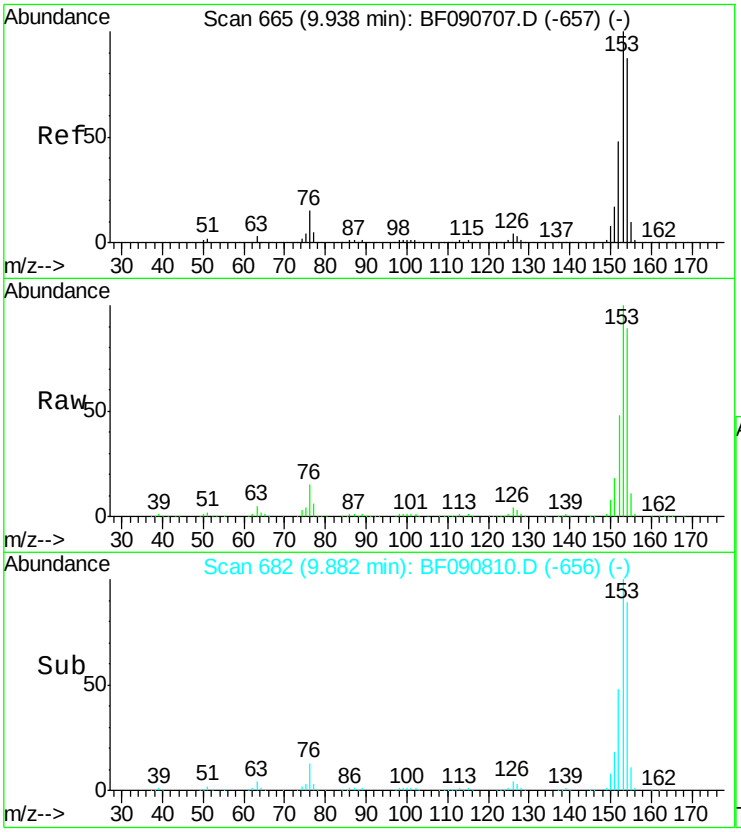


#50
2,6-Dinitrotoluene
Concen: 41.89 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:165 Resp: 248815

Ion	Ratio	Lower	Upper
165	100		
63	62.4	32.3	48.5#
89	60.3	28.6	43.0#

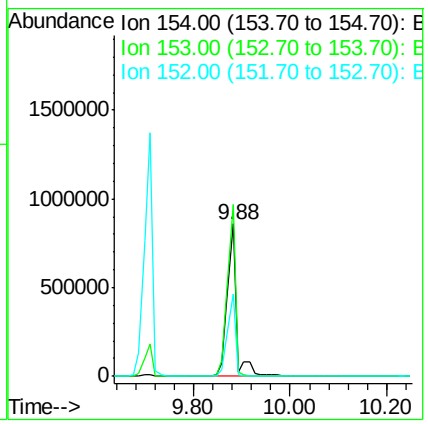




#51
Acenaphthene
Concen: 43.04 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

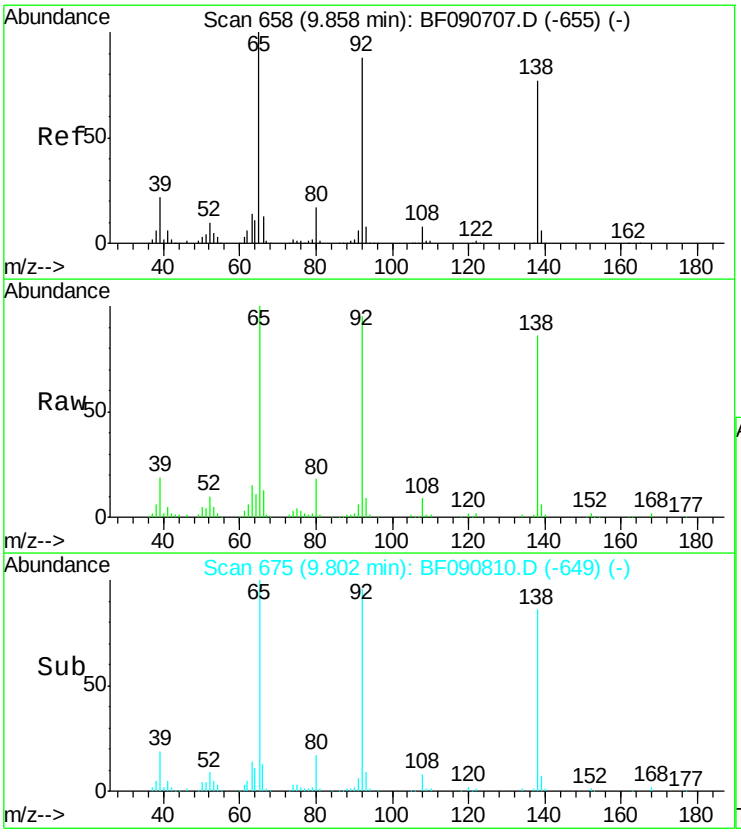
Tgt Ion:154 Resp: 1118689

Ion	Ratio	Lower	Upper
154	100		
153	112.4	82.1	123.1
152	54.2	37.9	56.9



Instrument :
BNA_F
ClientSampleId :
PB94289BS

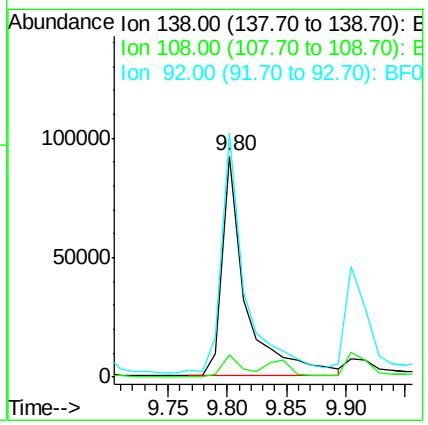
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

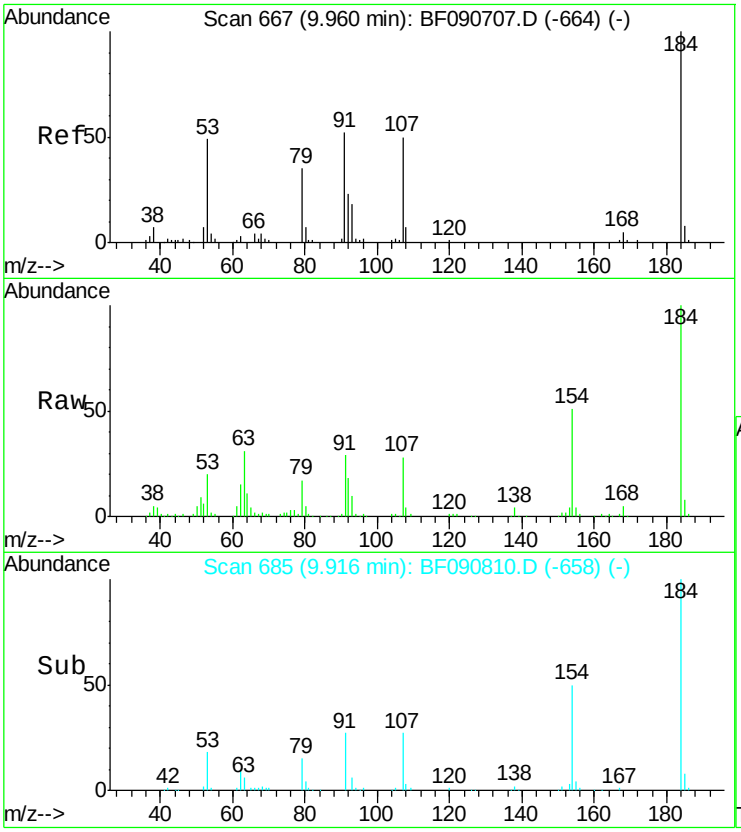


#52
3-Nitroaniline
Concen: 18.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:138 Resp: 125492

Ion	Ratio	Lower	Upper
138	100		
108	9.9	5.7	8.5#
92	110.2	67.7	101.5#

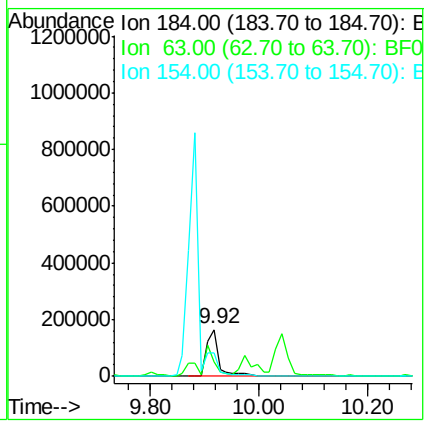




#53
2,4-Dinitrophenol
Concen: 77.95 ng
RT: 9.92 min Scan# 685
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

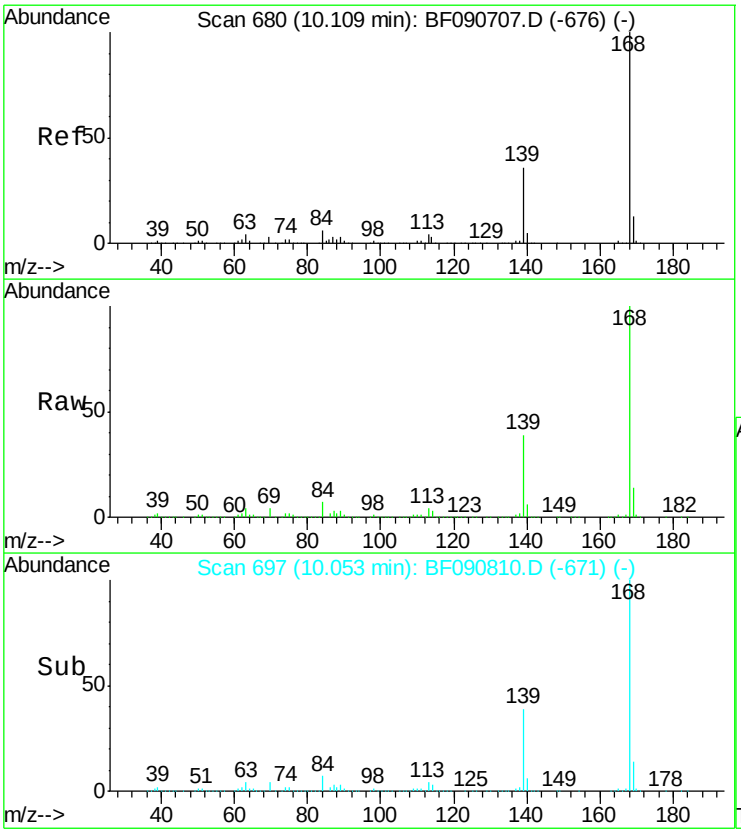
Tgt Ion:184 Resp: 261933

Ion	Ratio	Lower	Upper
184	100		
63	31.2	35.4	53.2#
154	50.5	32.2	48.4#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

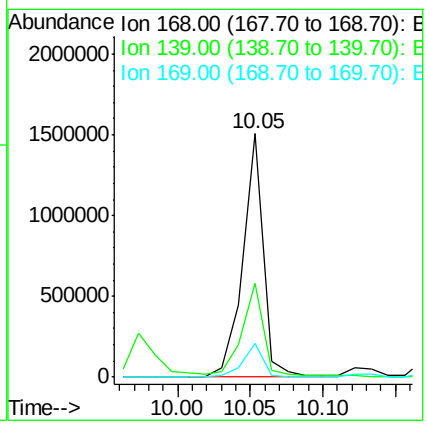
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

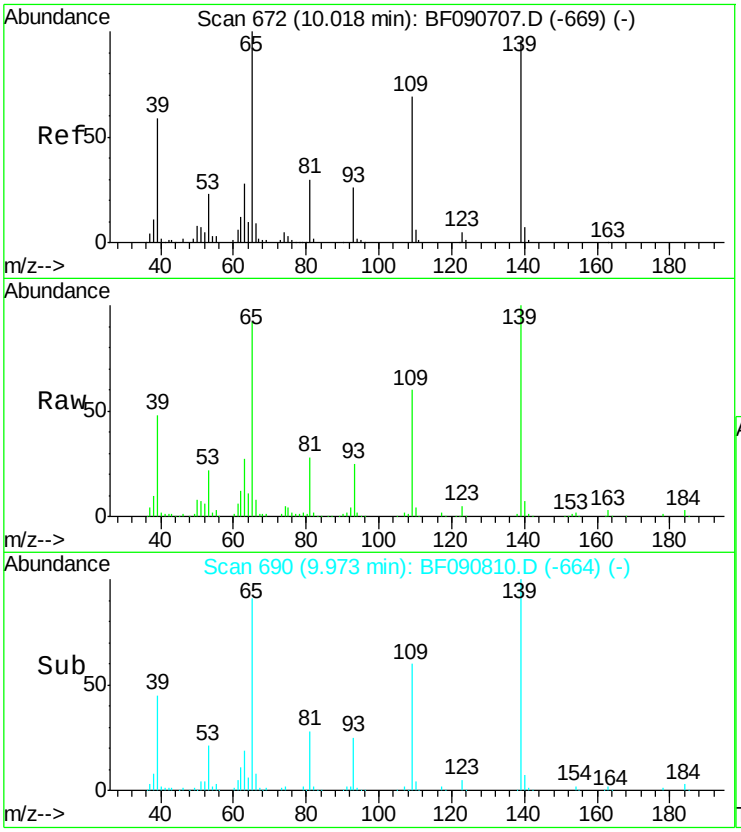


#54
Dibenzofuran
Concen: 47.25 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:168 Resp: 1487705

Ion	Ratio	Lower	Upper
168	100		
139	38.8	24.2	36.2#
169	14.1	10.6	15.8

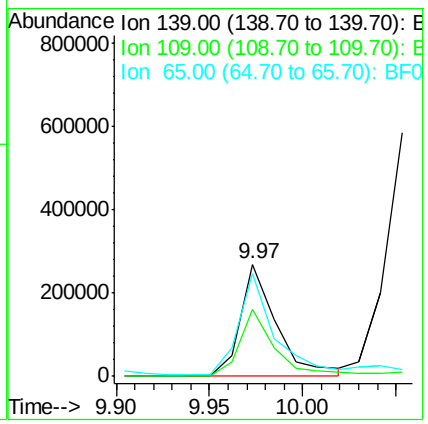




#55
4-Nitrophenol
Concen: 86.62 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

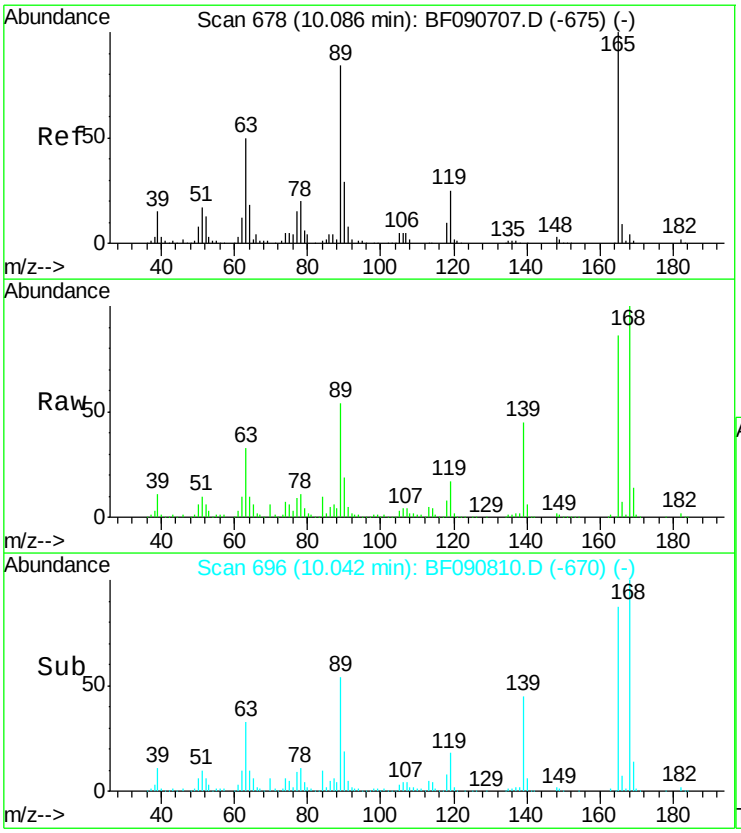
Tgt Ion:139 Resp: 365591

Ion	Ratio	Lower	Upper
139	100		
109	59.8	12.7	52.7#
65	91.6	45.9	85.9#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

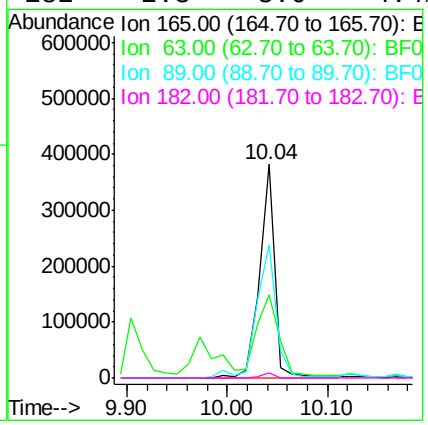
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

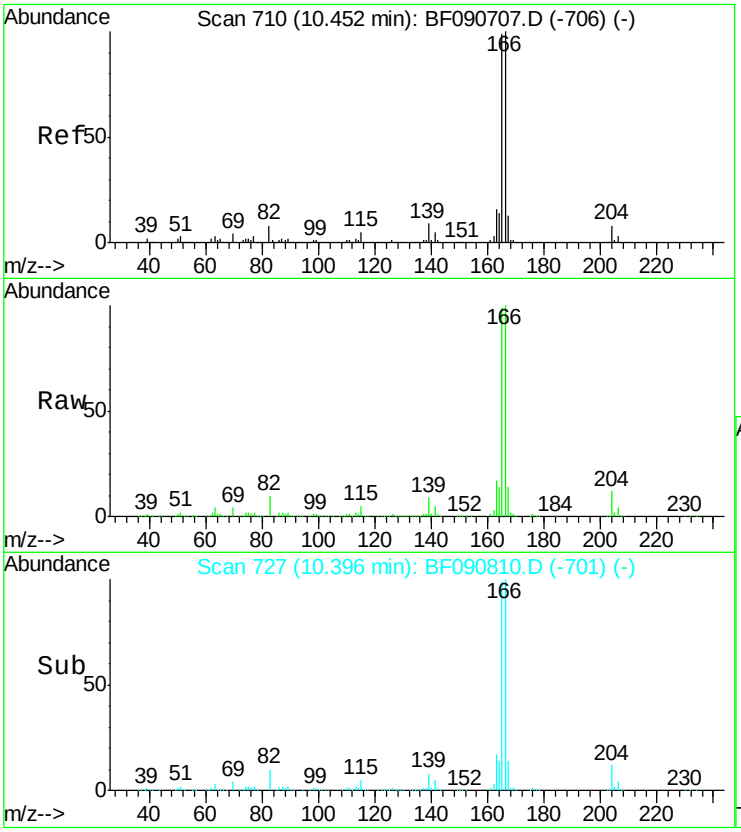


#56
2,4-Dinitrotoluene
Concen: 54.88 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:165 Resp: 398413

Ion	Ratio	Lower	Upper
165	100		
63	38.9	29.8	44.6
89	62.4	44.5	66.7
182	2.3	3.0	4.4#

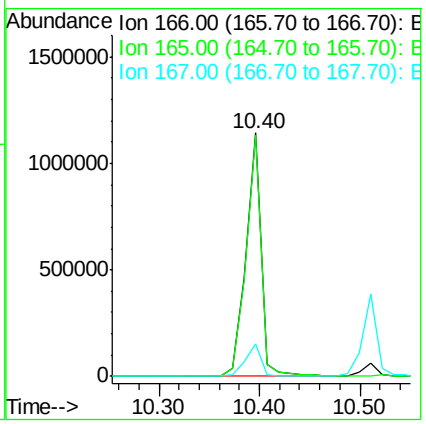




#57
Fluorene
Concen: 45.89 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

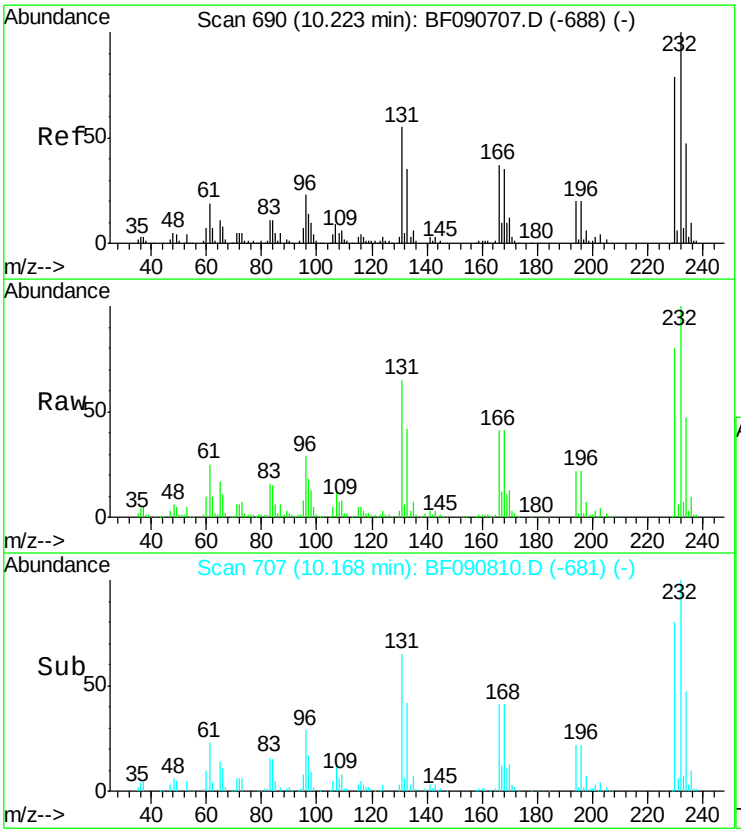
Tgt Ion:166 Resp: 1197422

Ion	Ratio	Lower	Upper
166	100		
165	99.1	72.6	109.0
167	13.5	10.6	16.0



Instrument :
BNA_F
ClientSampleId :
PB94289BS

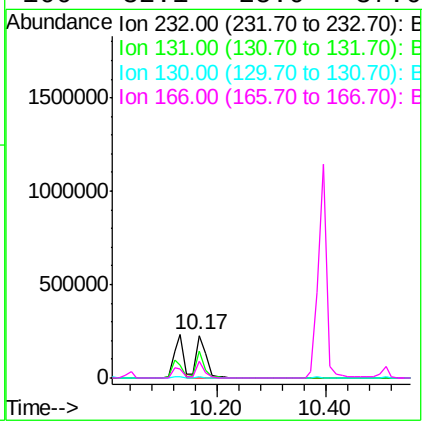
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

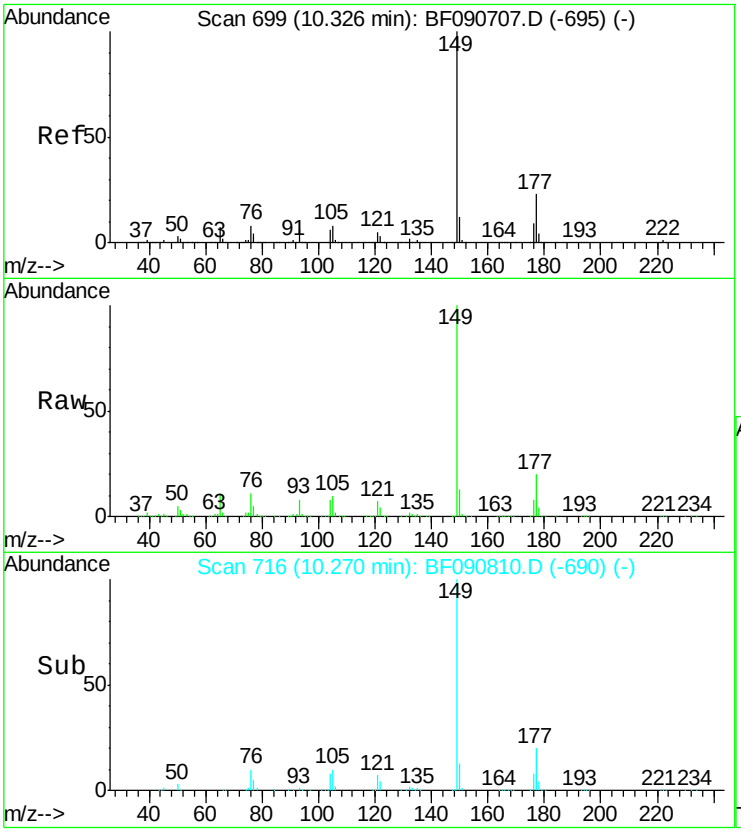


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.17 ng
RT: 10.17 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:232 Resp: 288270

Ion	Ratio	Lower	Upper
232	100		
131	50.5	38.5	57.7
130	2.3	1.8	2.6
166	32.1	25.0	37.6

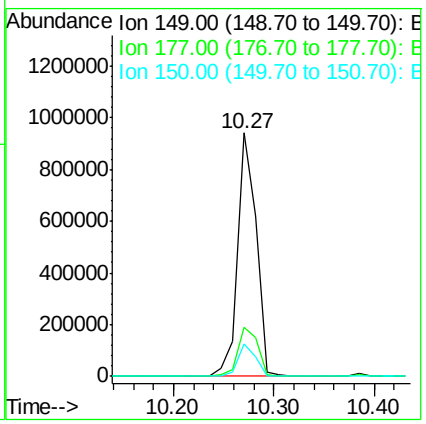




#59
Diethylphthalate
Concen: 42.03 ng
RT: 10.27 min Scan# 716
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

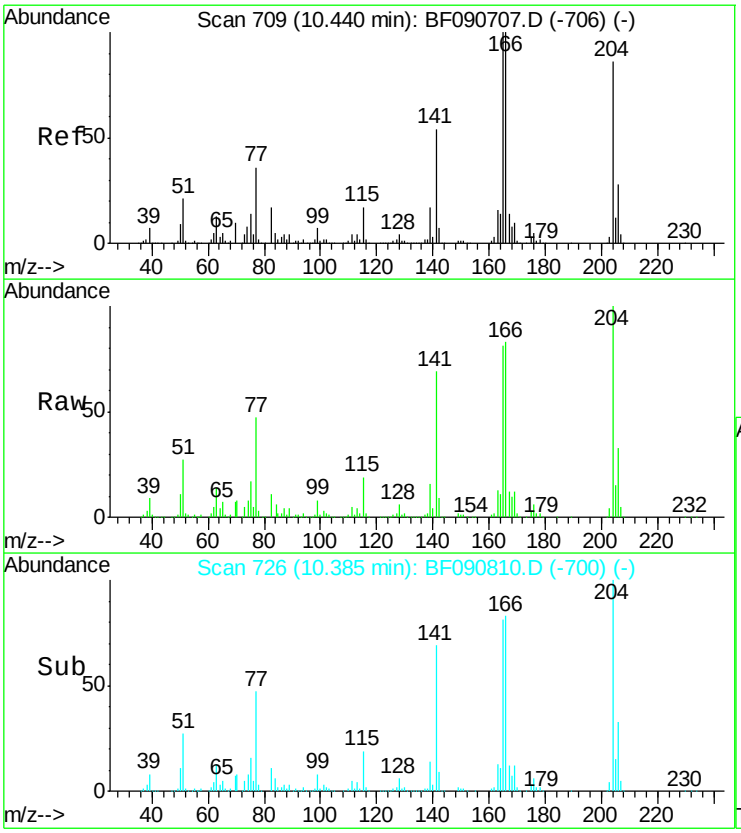
Tgt Ion:149 Resp: 1204077

Ion	Ratio	Lower	Upper
149	100		
177	20.0	17.5	26.3
150	13.1	9.4	14.2



Instrument :
BNA_F
ClientSampleId :
PB94289BS

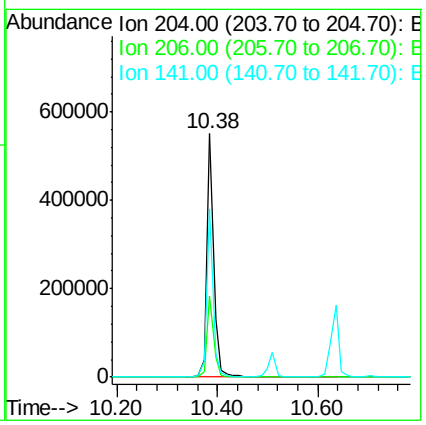
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

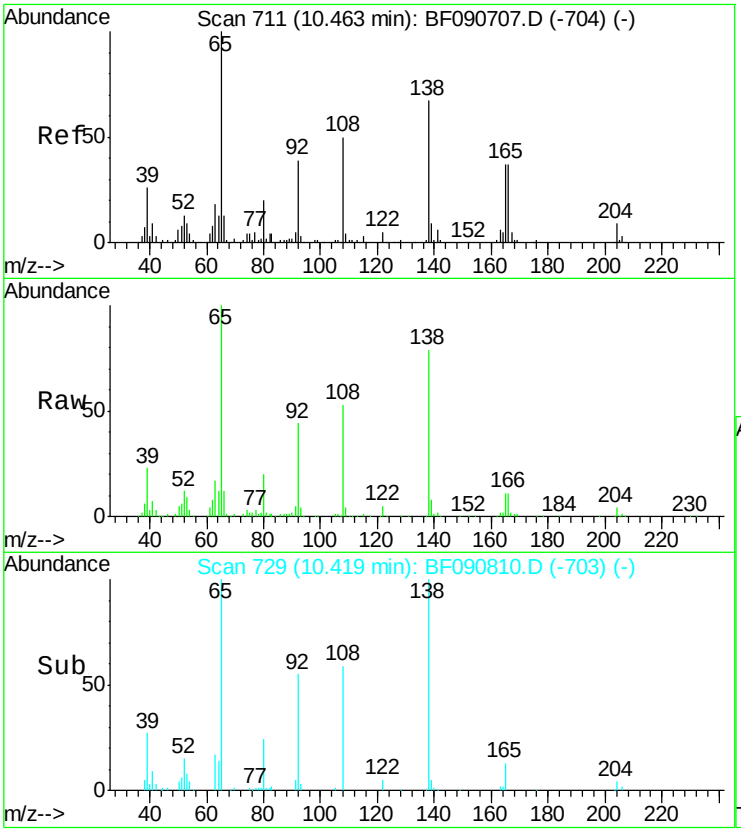


#60
4-Chlorophenyl-phenylether
Concen: 44.10 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:204 Resp: 525878

Ion	Ratio	Lower	Upper
204	100		
206	33.3	24.8	37.2
141	69.2	42.2	63.4#

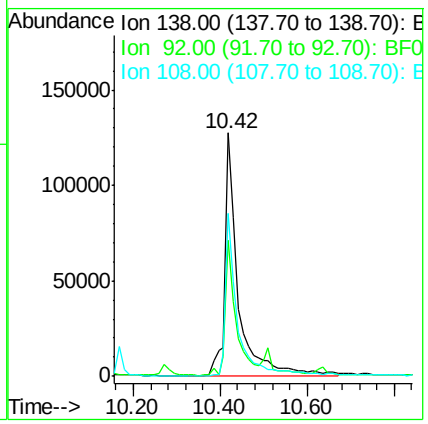




#61
4-Nitroaniline
Concen: 39.18 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

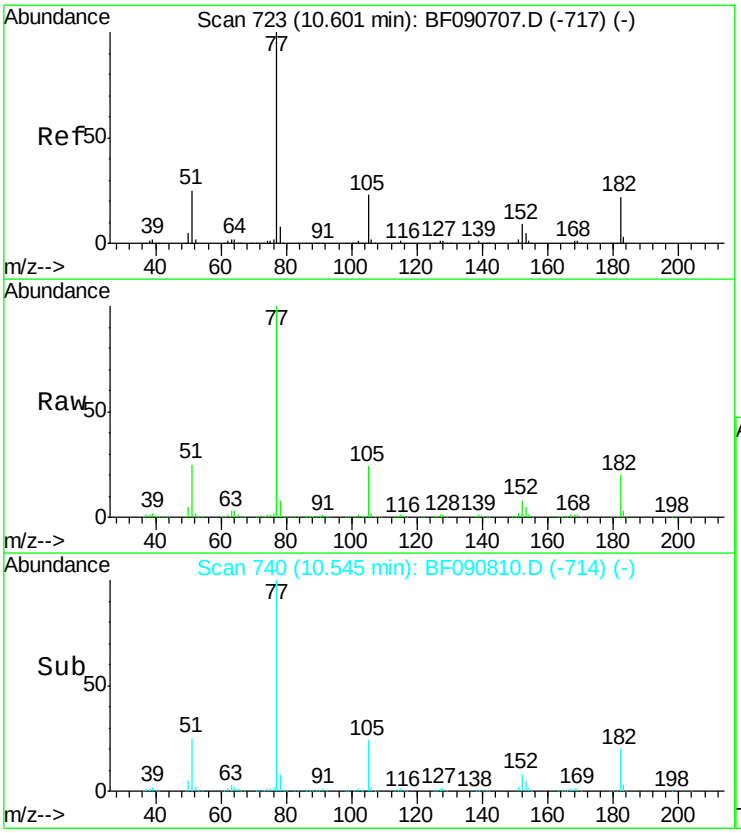
Tgt Ion:138 Resp: 270973

Ion	Ratio	Lower	Upper
138	100		
92	55.8	12.6	52.6#
108	67.1	12.4	52.4#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

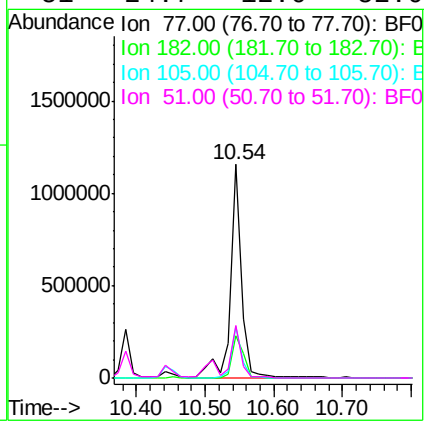
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

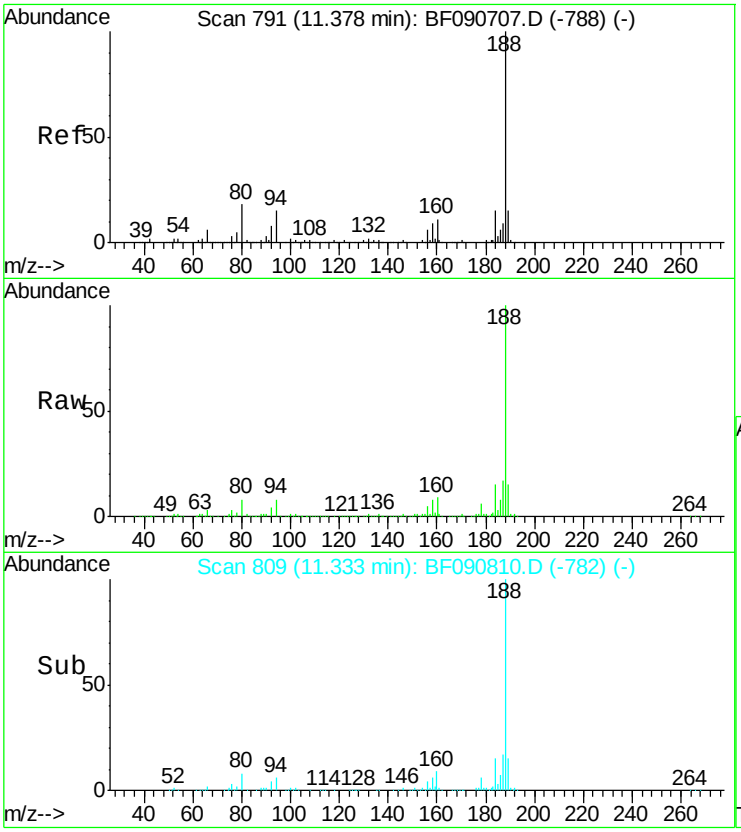


#62
Azobenzene
Concen: 39.42 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion: 77 Resp: 1322333

Ion	Ratio	Lower	Upper
77	100		
182	19.8	15.1	55.1
105	24.1	3.4	43.4
51	24.7	12.0	52.0

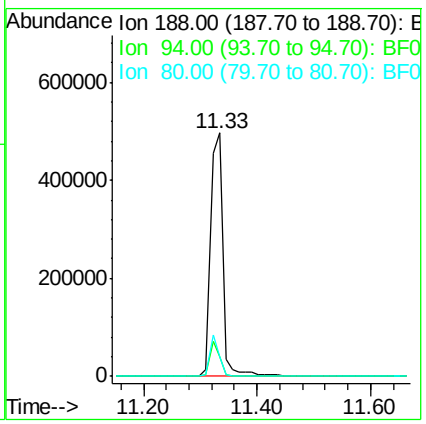




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

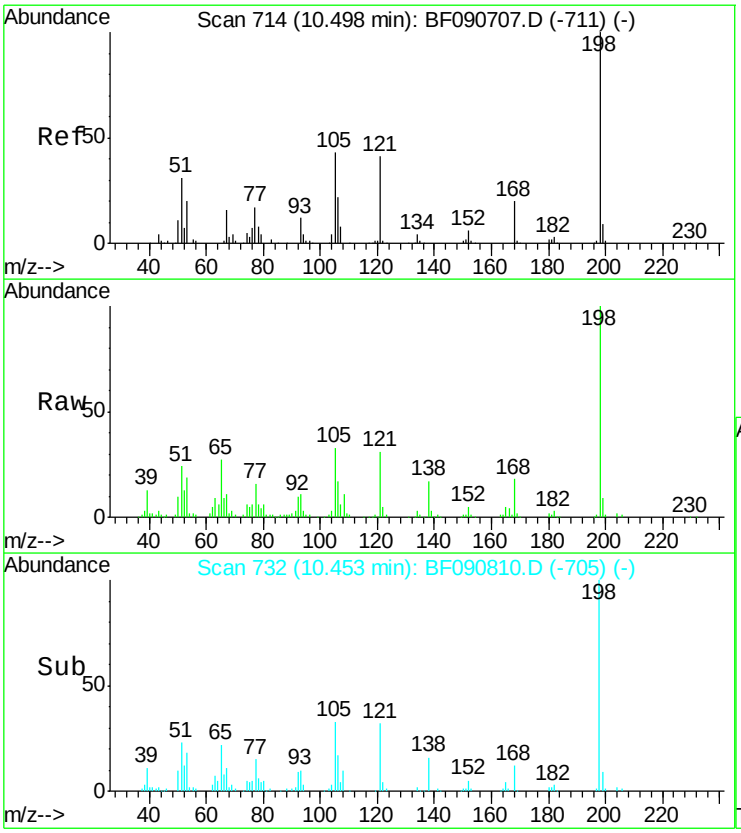
Tgt Ion:188 Resp: 730872

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	8.3	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

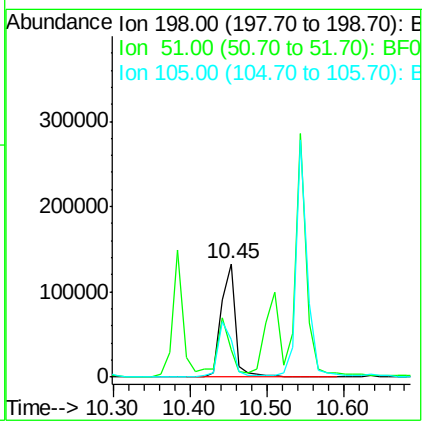
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

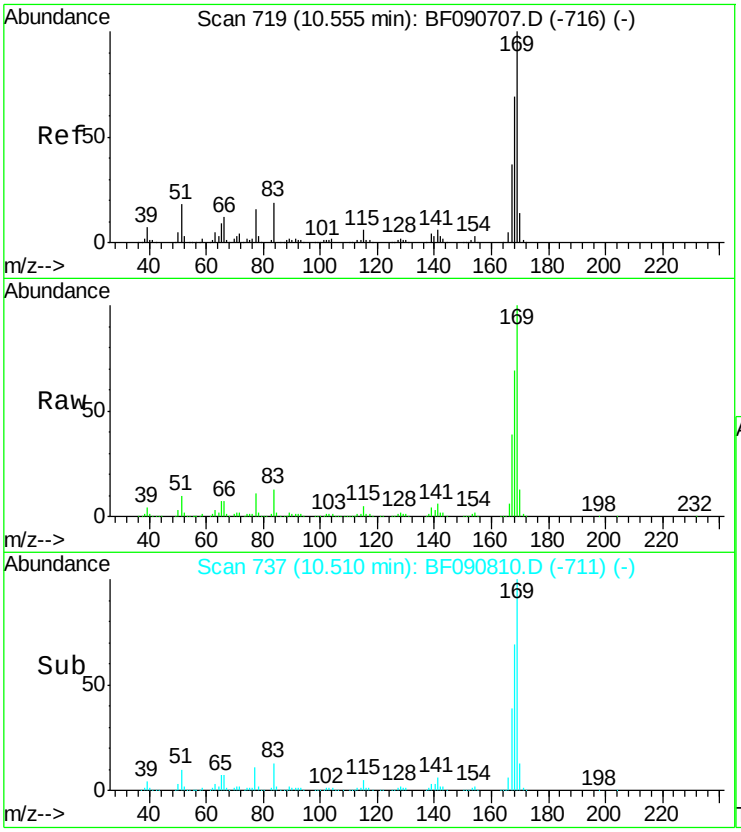


#64
4,6-Dinitro-2-methylphenol
Concen: 38.96 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:198 Resp: 177739

Ion	Ratio	Lower	Upper
198	100		
51	24.0	39.6	79.6#
105	32.7	28.5	68.5

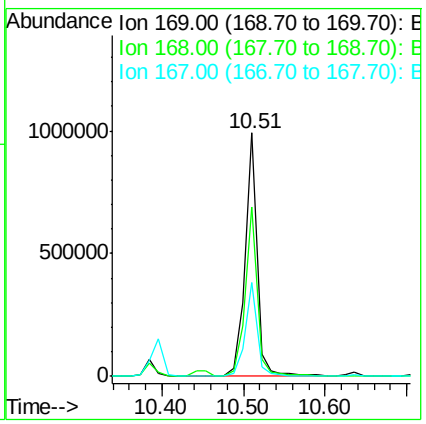




#65
n-Nitrosodiphenylamine
Concen: 43.64 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

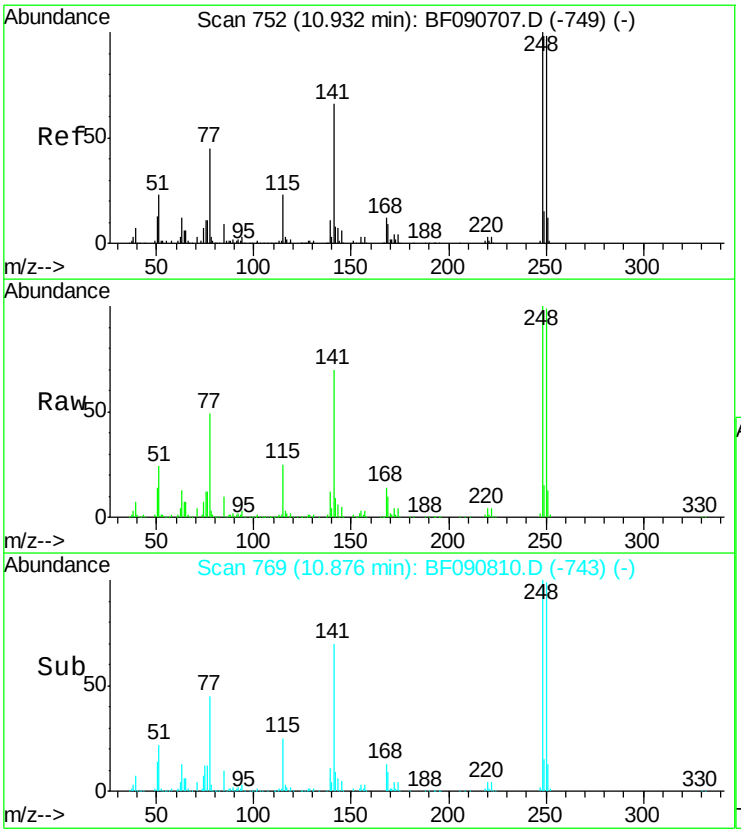
Tgt Ion:169 Resp: 1021783

Ion	Ratio	Lower	Upper
169	100		
168	69.4	48.9	73.3
167	38.7	26.2	39.4



Instrument :
BNA_F
ClientSampleId :
PB94289BS

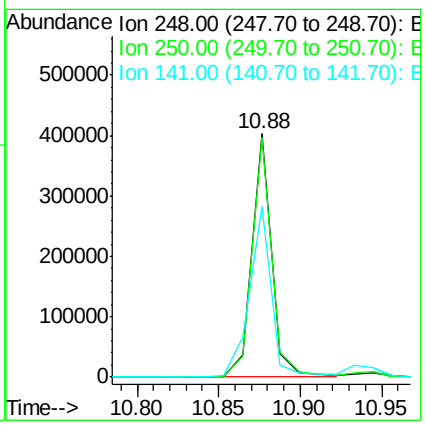
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

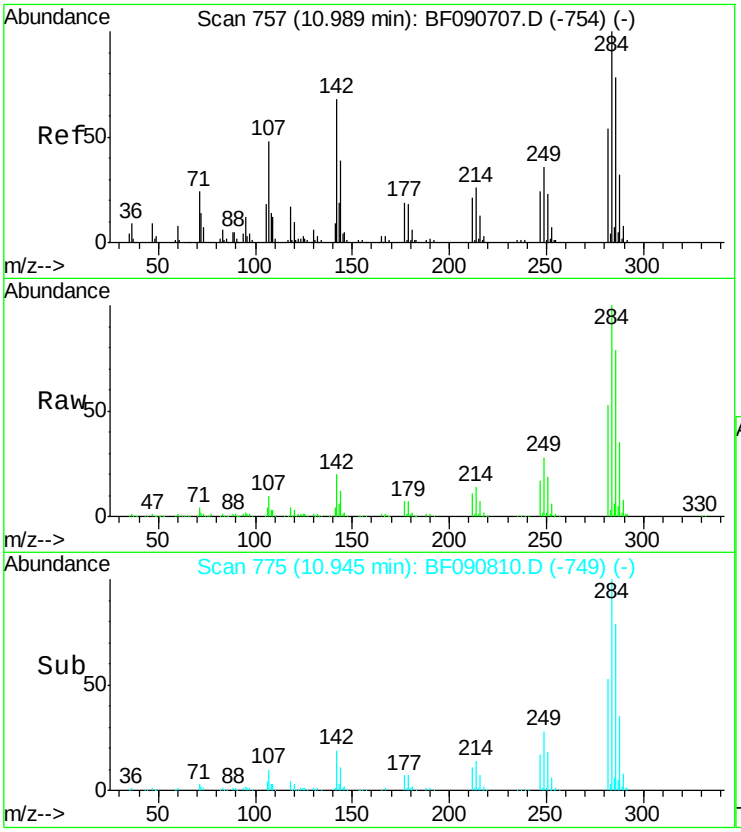


#66
4-Bromophenyl-phenylether
Concen: 48.06 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:248 Resp: 340509

Ion	Ratio	Lower	Upper
248	100		
250	98.7	78.5	117.7
141	70.3	59.0	88.6

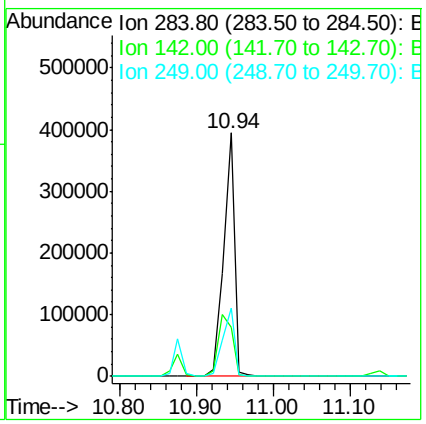




#67
Hexachlorobenzene
Concen: 48.15 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

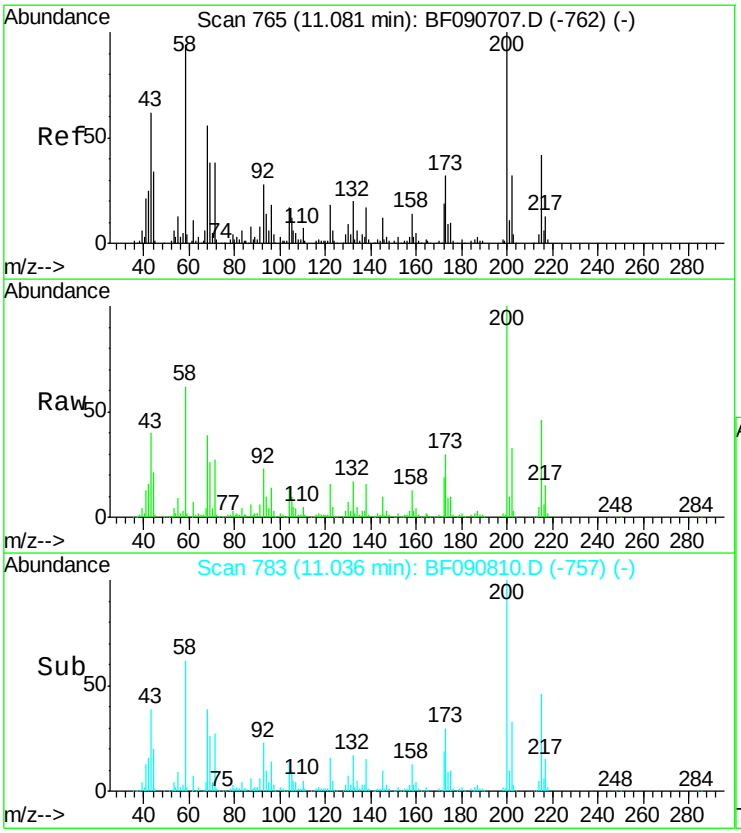
Tgt Ion:284 Resp: 402619

Ion	Ratio	Lower	Upper
284	100		
142	20.0	29.5	44.3#
249	28.3	19.5	29.3



Instrument :
BNA_F
ClientSampleId :
PB94289BS

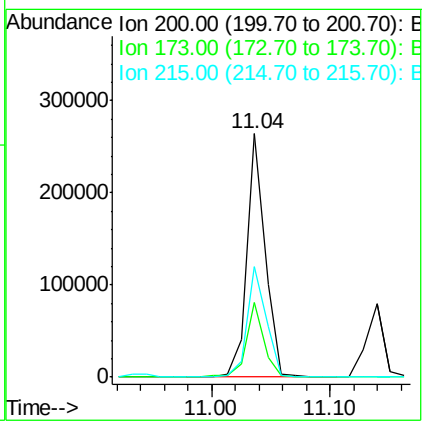
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

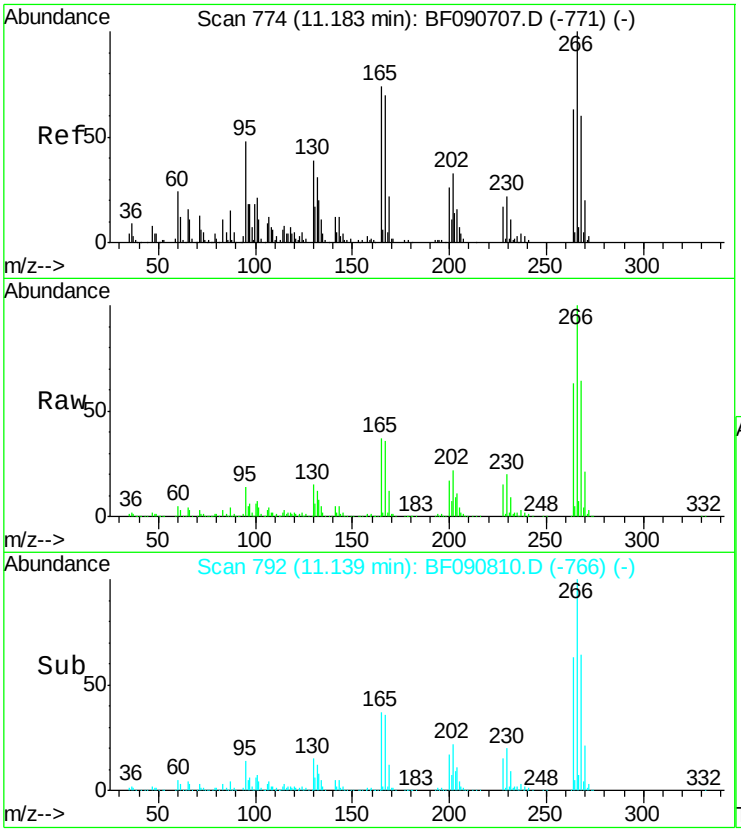


#68
Atrazine
Concen: 44.38 ng
RT: 11.04 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:200 Resp: 286823

Ion	Ratio	Lower	Upper
200	100		
173	30.4	13.2	53.2
215	45.5	41.8	81.8

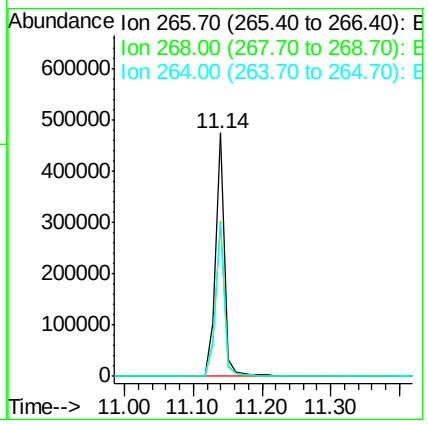




#69
Pentachlorophenol
Concen: 82.75 ng
RT: 11.14 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

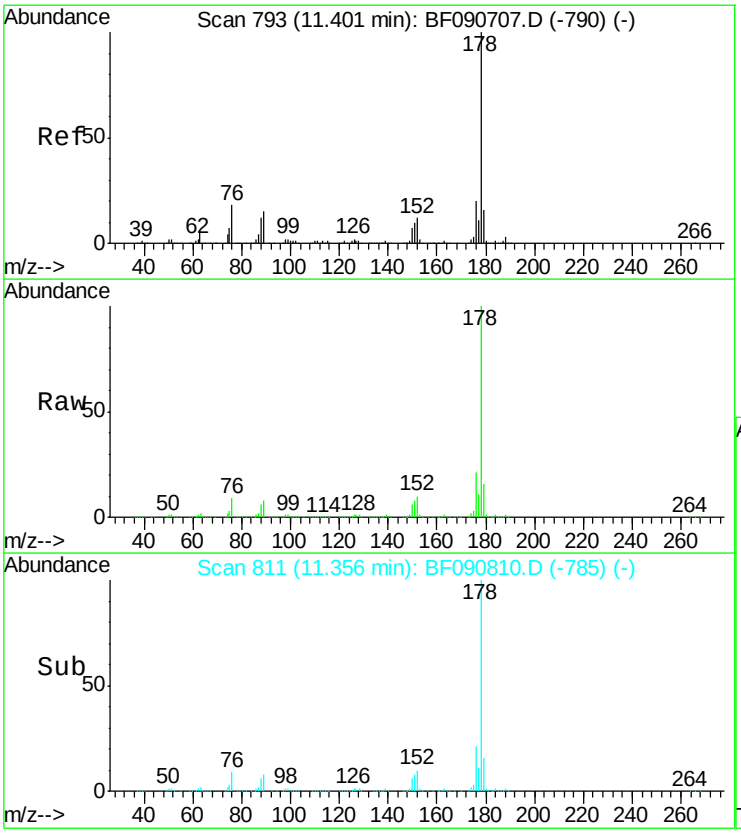
Tgt Ion:266 Resp: 442564

Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.8	74.6
264	62.9	50.2	75.2



Instrument :
BNA_F
ClientSampleId :
PB94289BS

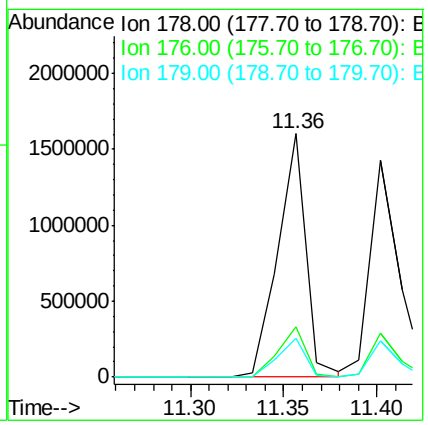
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

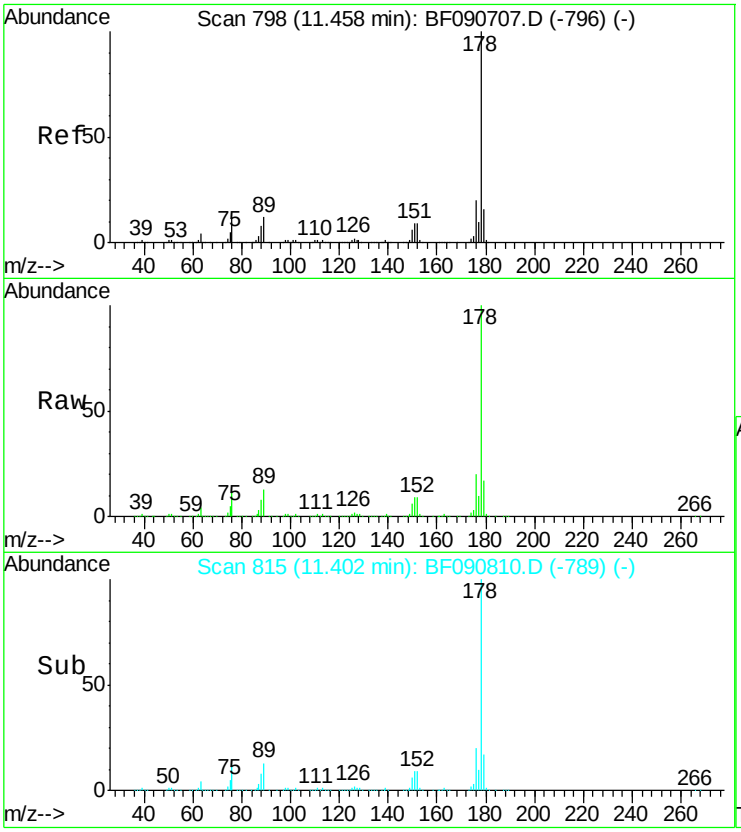


#70
Phenanthrene
Concen: 45.07 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:178 Resp: 1678947

Ion	Ratio	Lower	Upper
178	100		
176	20.5	13.8	20.8
179	15.9	12.2	18.2

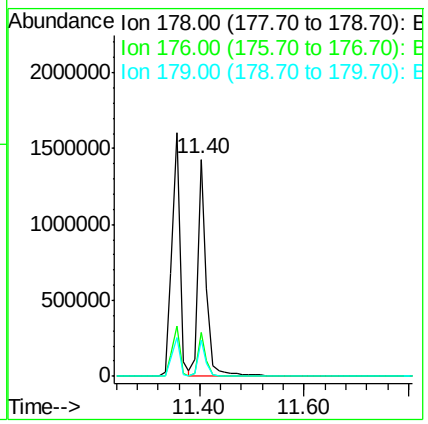




#71
Anthracene
Concen: 38.78 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

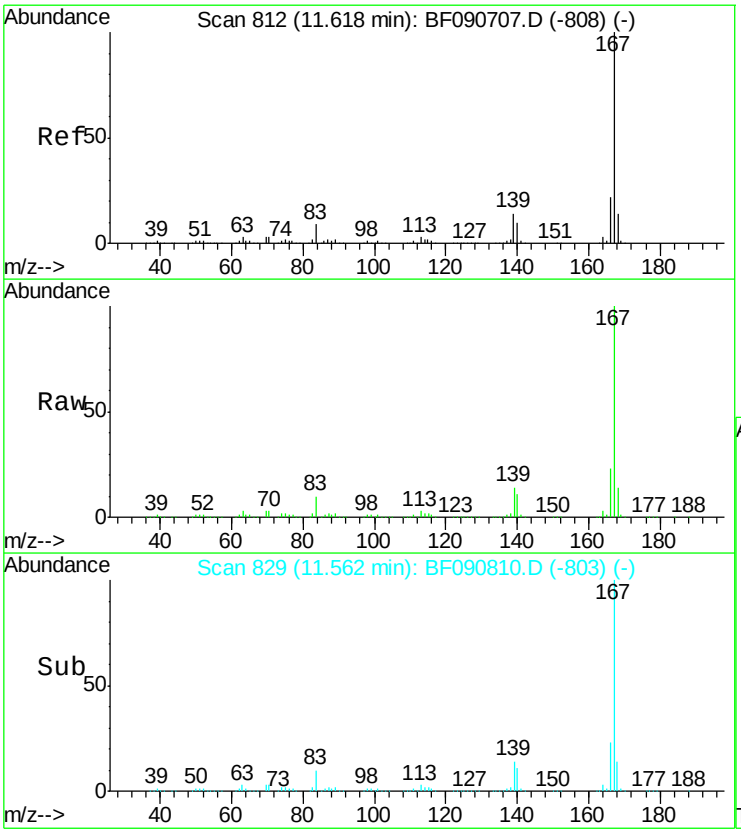
Tgt Ion:178 Resp: 1601959

Ion	Ratio	Lower	Upper
178	100		
176	20.2	14.1	21.1
179	16.7	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
PB94289BS

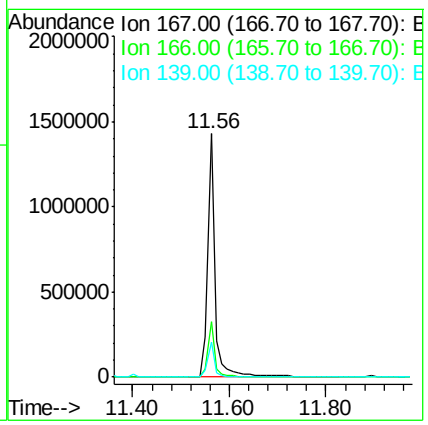
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

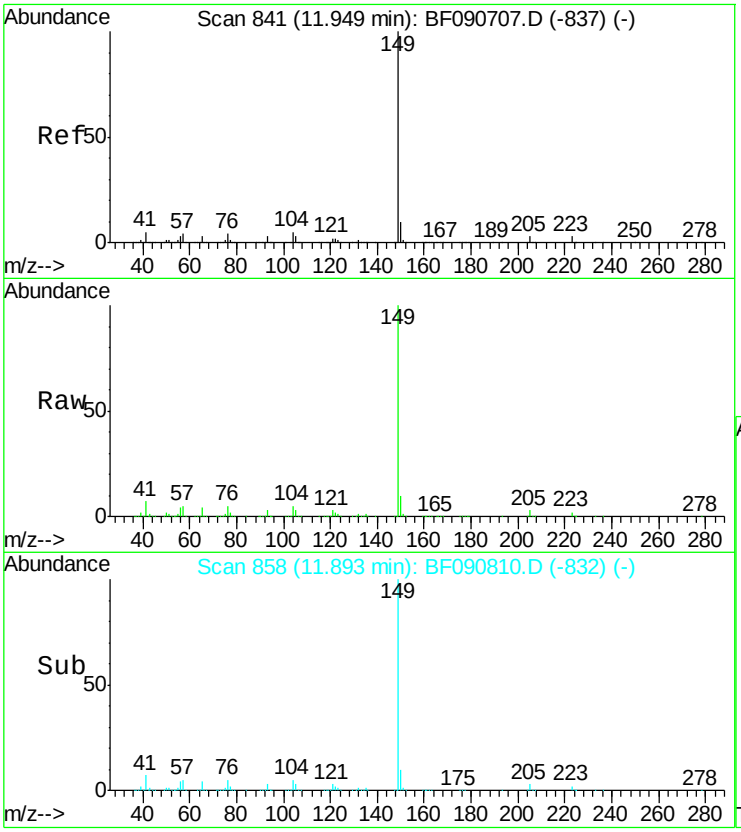


#72
Carbazole
Concen: 43.71 ng
RT: 11.56 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:167 Resp: 1509961

Ion	Ratio	Lower	Upper
167	100		
166	22.8	15.7	23.5
139	14.3	9.5	14.3#

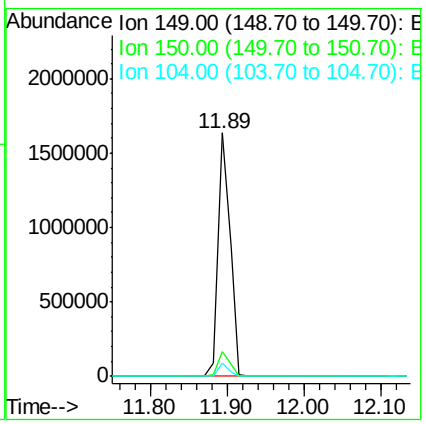




#73
Di-n-butylphthalate
Concen: 40.22 ng
RT: 11.89 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

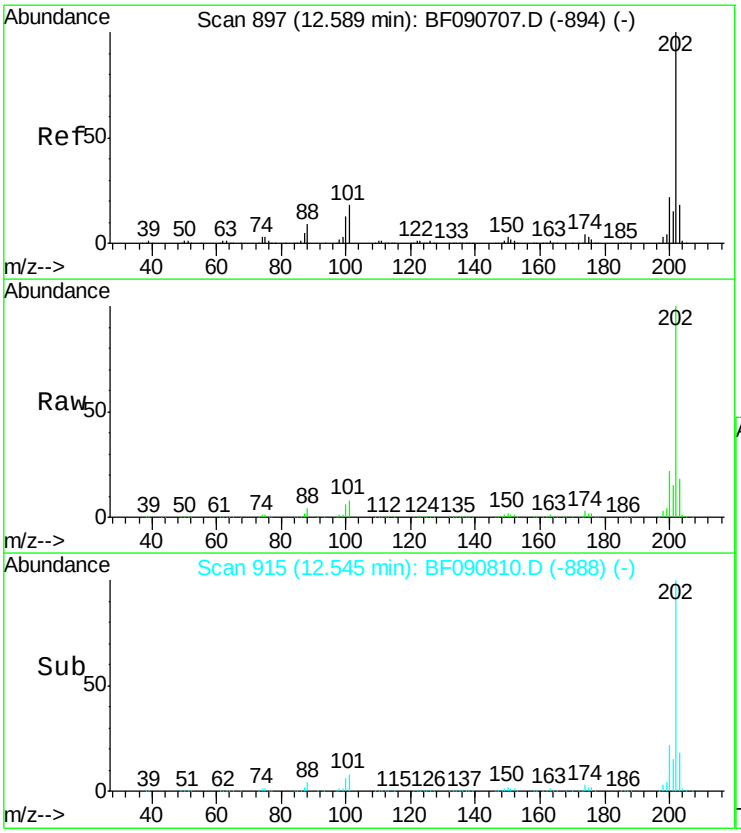
Tgt Ion:149 Resp: 1802043

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.2
104	5.3	2.4	3.6#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

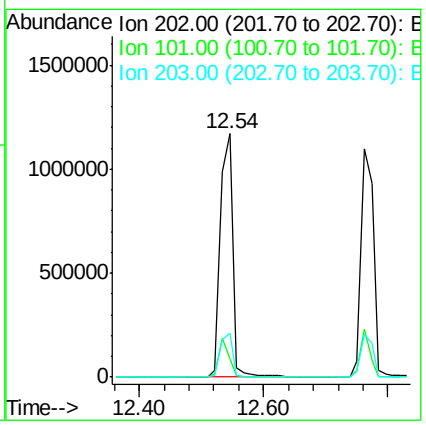
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

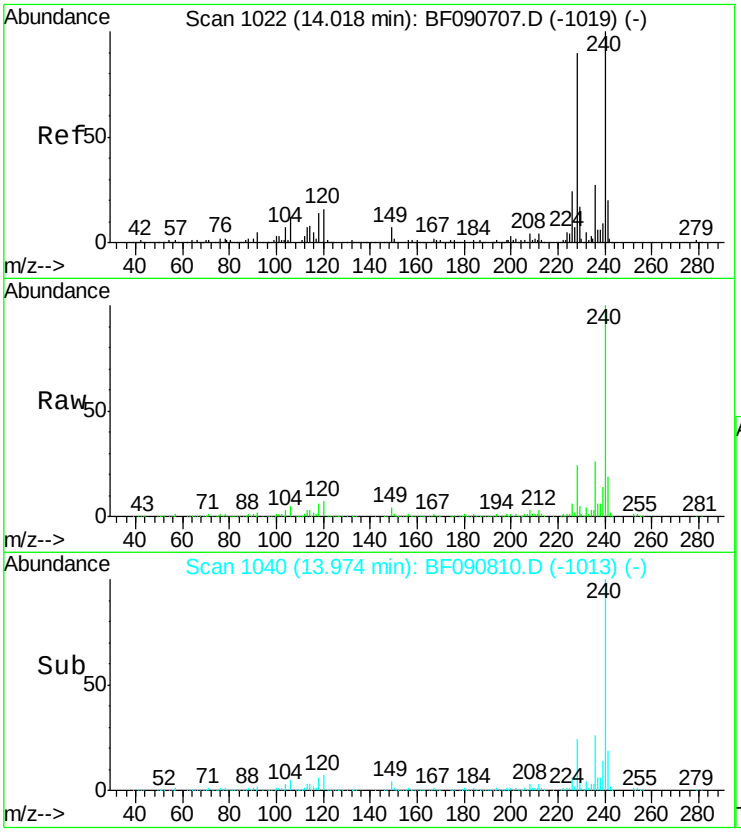


#74
Fluoranthene
Concen: 44.16 ng
RT: 12.54 min Scan# 915
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:202 Resp: 1591470

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	38.3
203	17.9	0.0	37.3

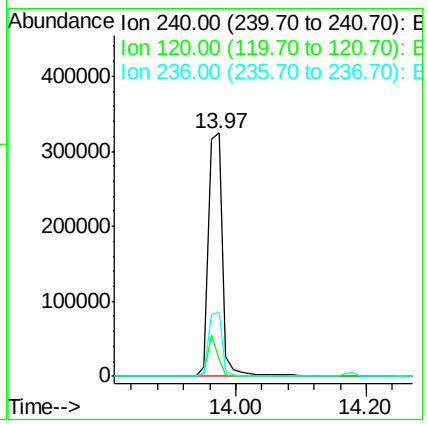




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

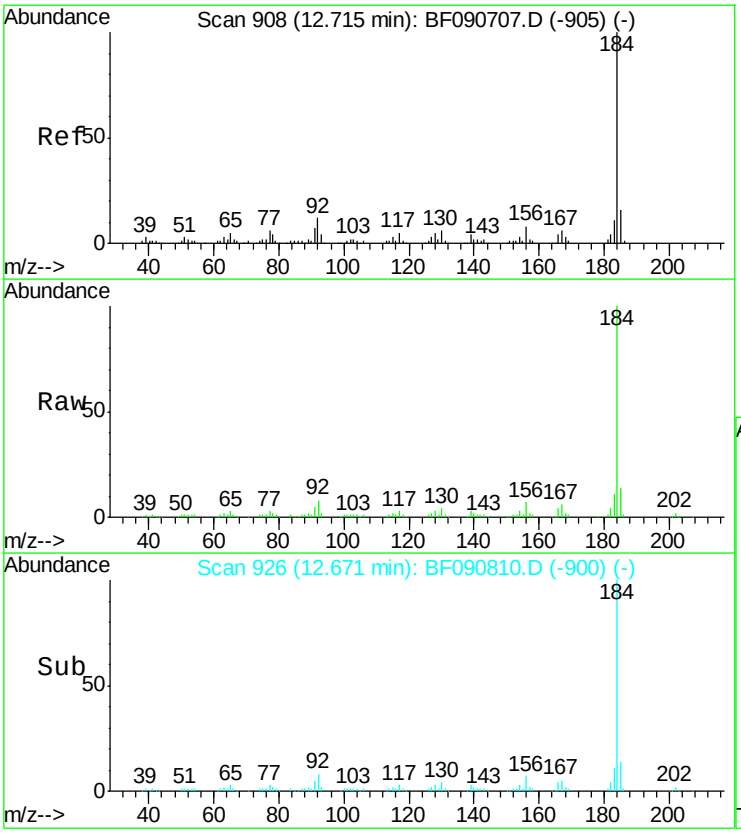
Tgt Ion:240 Resp: 491711

Ion	Ratio	Lower	Upper
240	100		
120	6.9	16.2	24.2#
236	26.4	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
PB94289BS

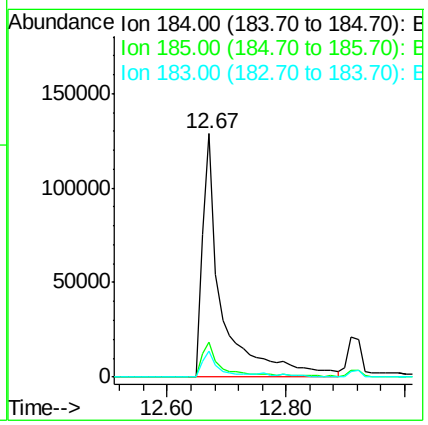
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

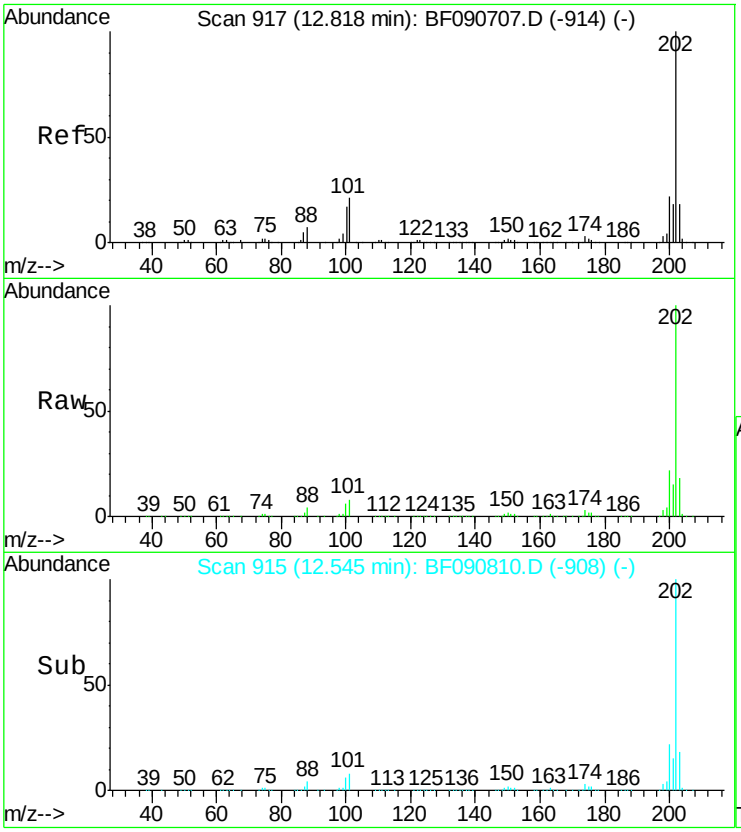


#76
Benzidine
Concen: 27.25 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:184 Resp: 297544

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.8	17.6
183	10.9	7.6	11.4

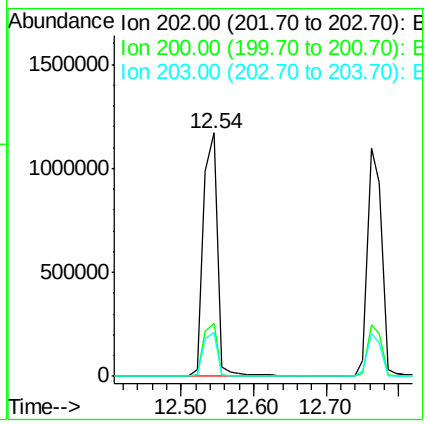




#77
Pyrene
Concen: 46.02 ng
RT: 12.54 min Scan# 915
Delta R.T. -0.22 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

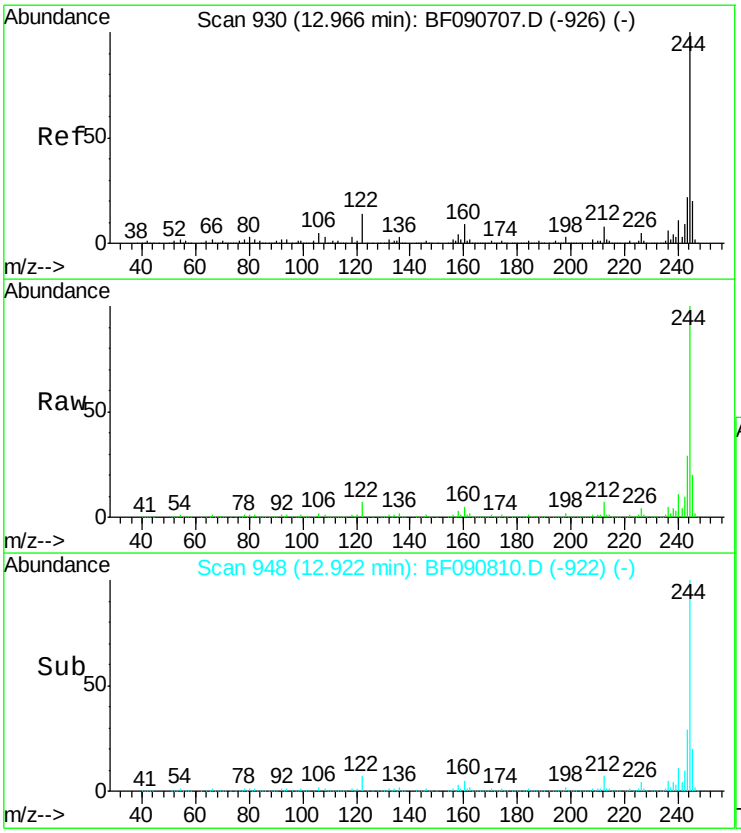
Tgt Ion:202 Resp: 1580257

Ion	Ratio	Lower	Upper
202	100		
200	21.8	15.0	22.4
203	17.9	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
PB94289BS

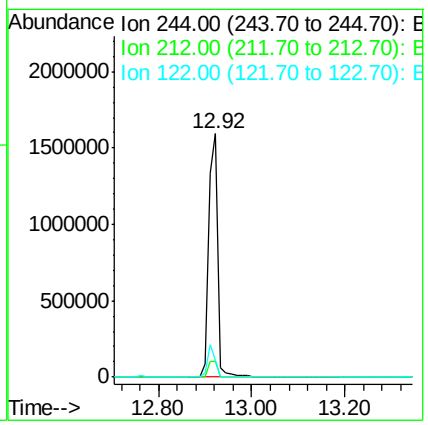
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

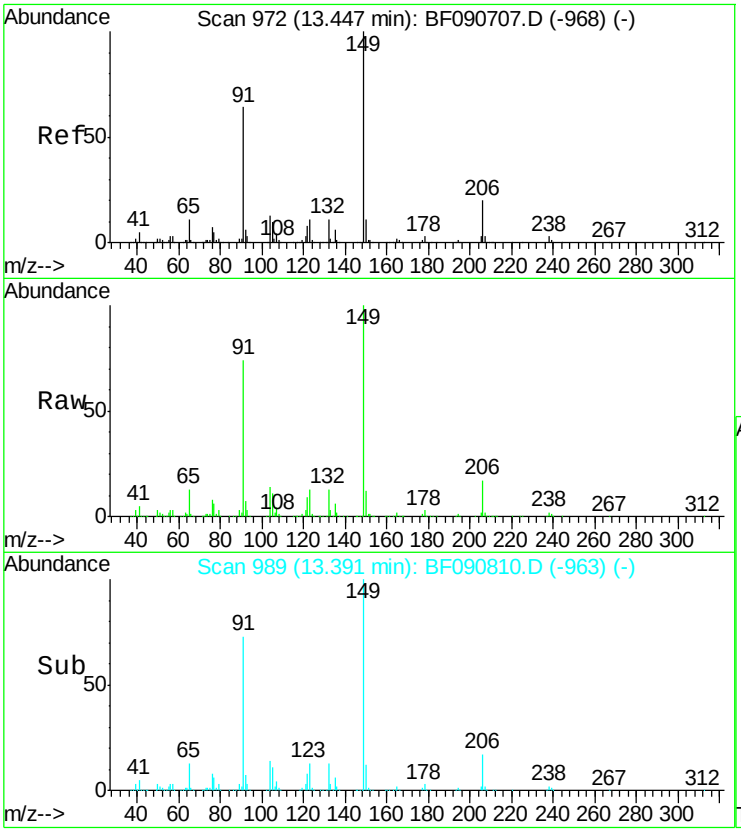


#78
Terphenyl-d14
Concen: 102.41 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:244 Resp: 2197093

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	7.0	17.4	26.2#

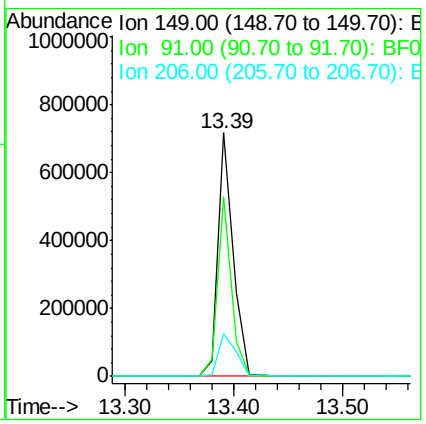




#79
Butylbenzylphthalate
Concen: 44.66 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

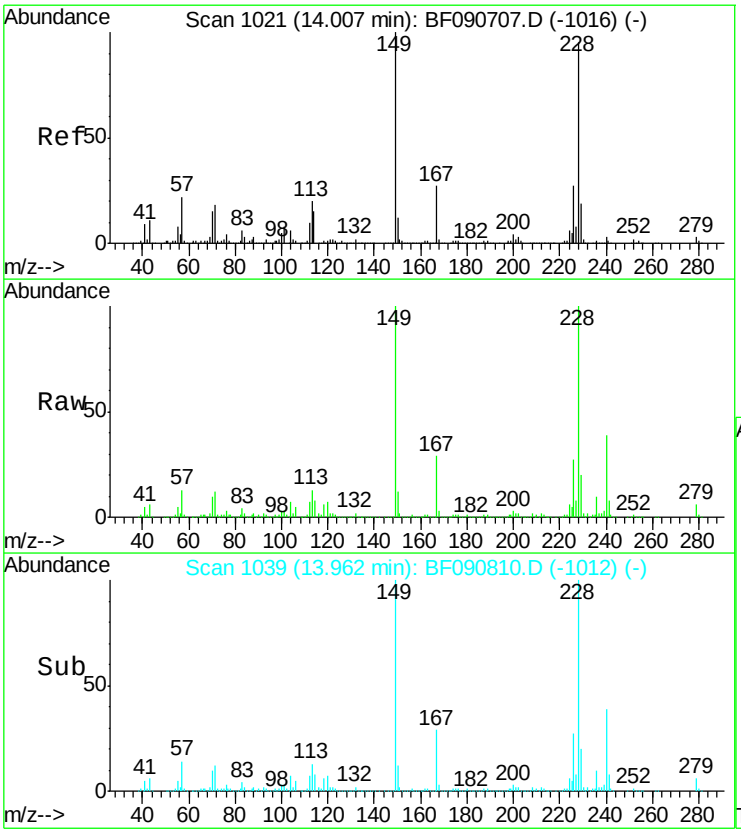
Tgt Ion:149 Resp: 704956

Ion	Ratio	Lower	Upper
149	100		
91	73.6	48.6	72.8#
206	17.3	14.9	22.3



Instrument :
BNA_F
ClientSampleId :
PB94289BS

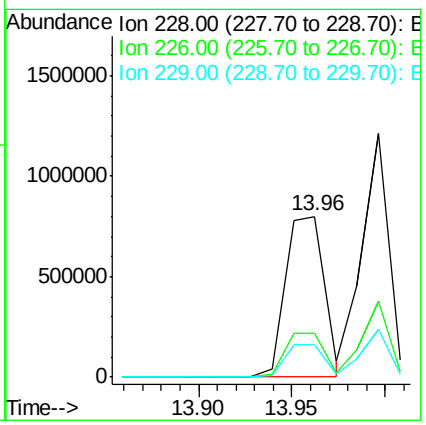
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

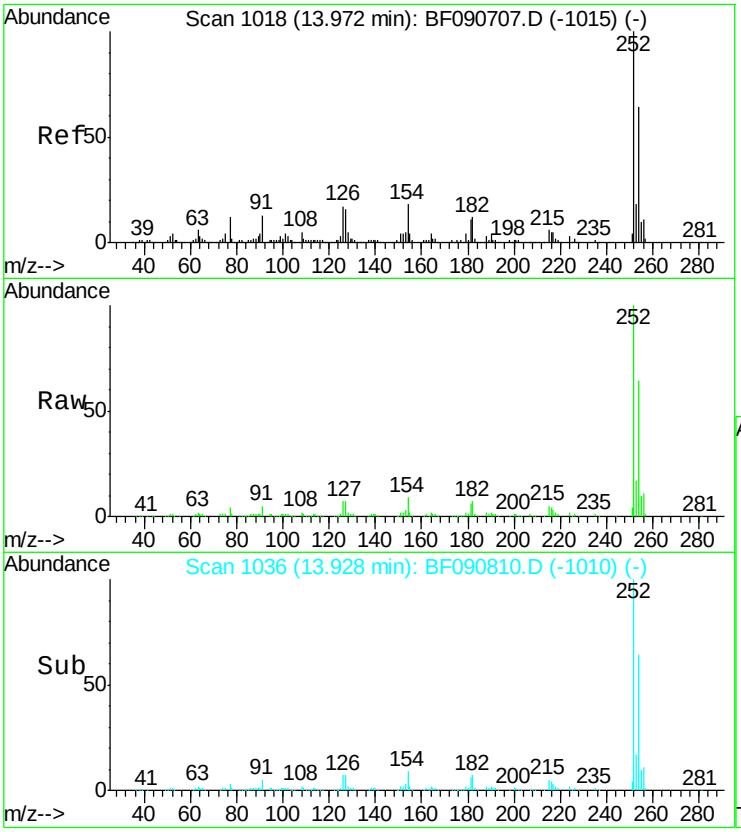


#80
Benzo(a)anthracene
Concen: 43.36 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:228 Resp: 1166851

Ion	Ratio	Lower	Upper
228	100		
226	27.0	20.0	30.0
229	19.8	15.4	23.2

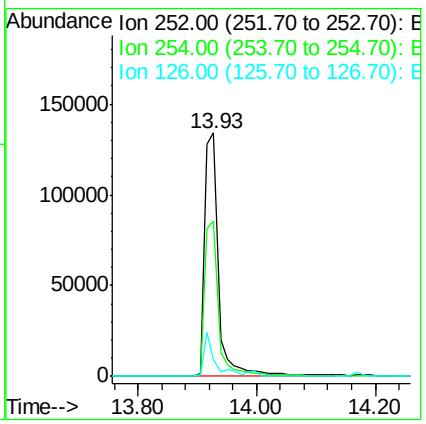




#81
3,3'-Dichlorobenzidine
Concen: 23.78 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

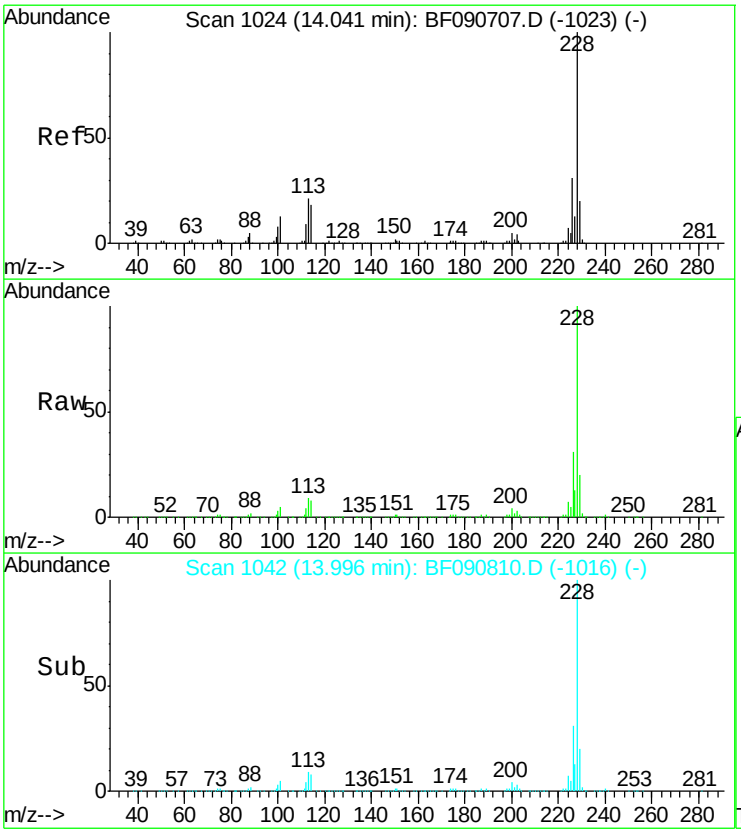
Tgt Ion:252 Resp: 221756

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.4	77.2
126	7.2	16.4	24.6#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

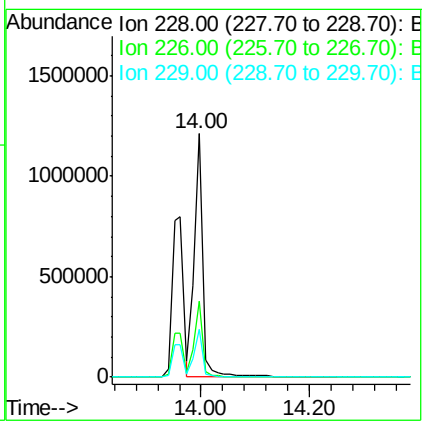
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

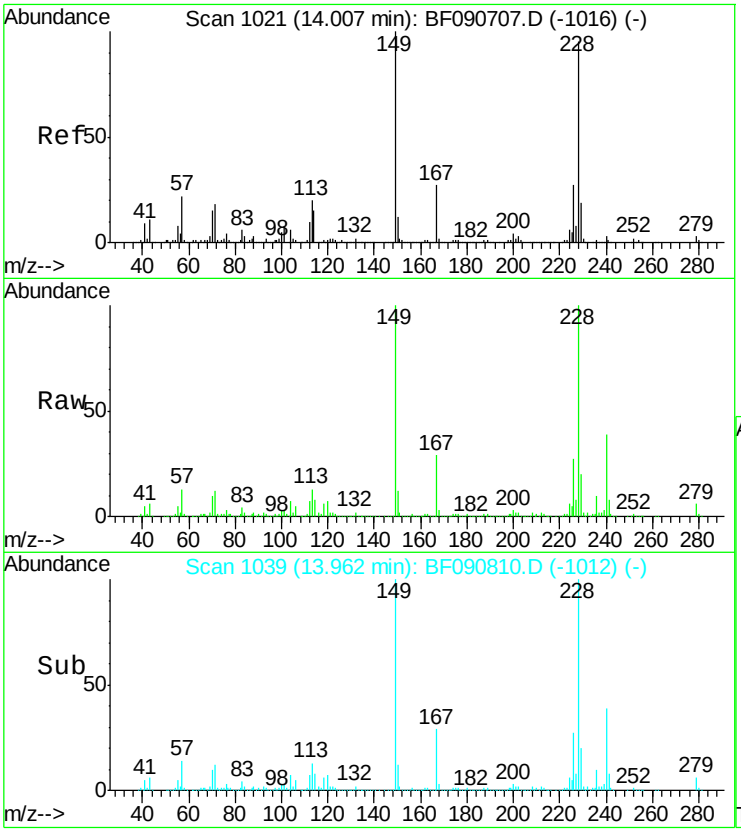


#82
Chrysene
Concen: 49.38 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:228 Resp: 1296812

Ion	Ratio	Lower	Upper
228	100		
226	31.0	21.0	31.4
229	19.9	15.6	23.4





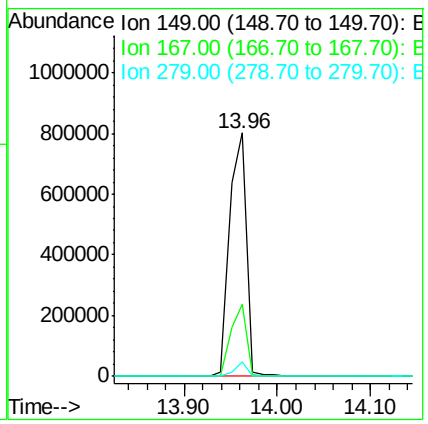
#83
Bis(2-ethylhexyl)phthalate
Concen: 44.99 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

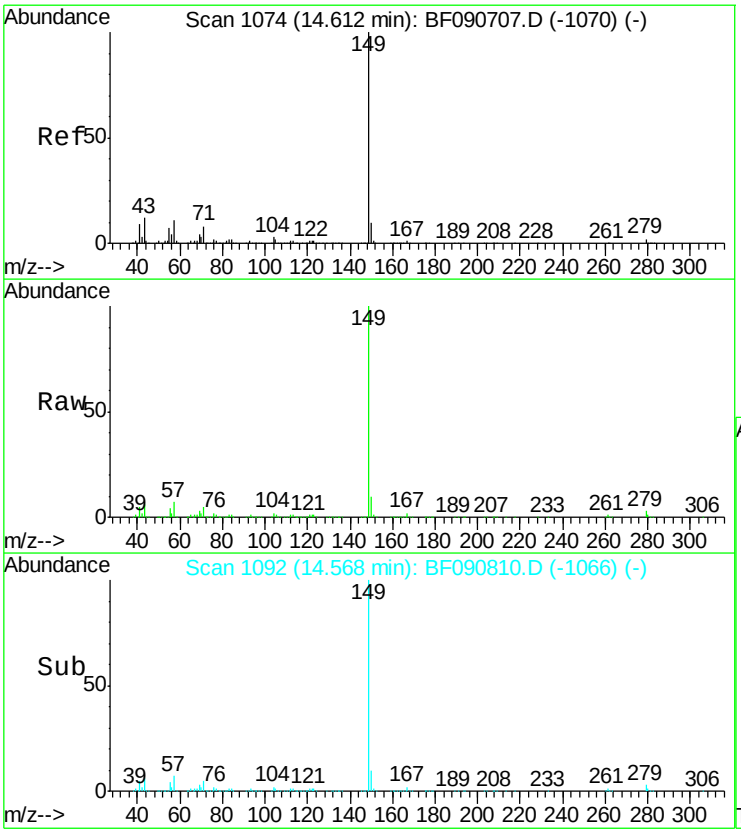
Tgt Ion:149 Resp: 1016176

Ion	Ratio	Lower	Upper
149	100		
167	29.4	24.2	36.2
279	5.8	3.8	5.6#

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

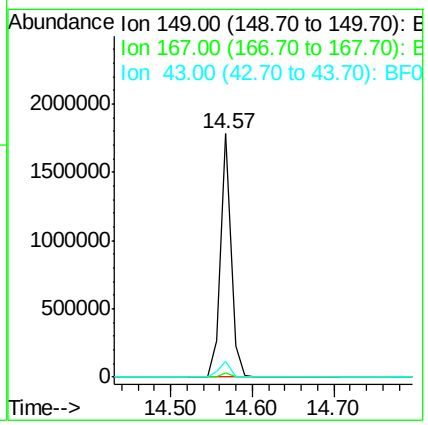


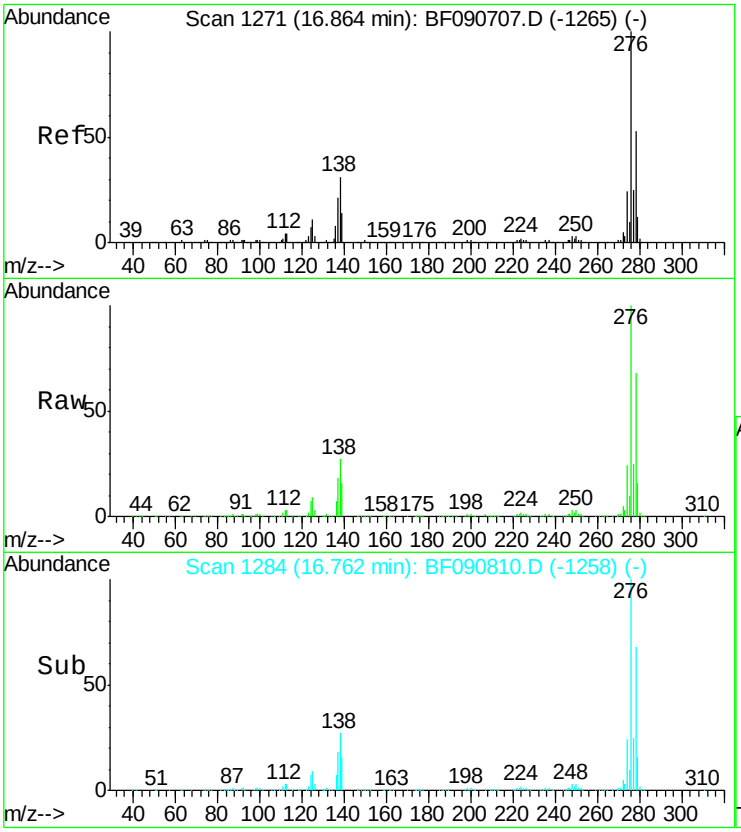


#84
Di-n-octyl phthalate
Concen: 46.23 ng
RT: 14.57 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:149 Resp: 1584648

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.0	1.6#
43	6.9	10.2	15.2#

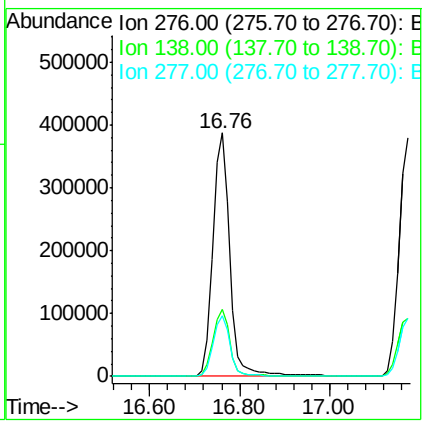




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.32 ng
RT: 16.76 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

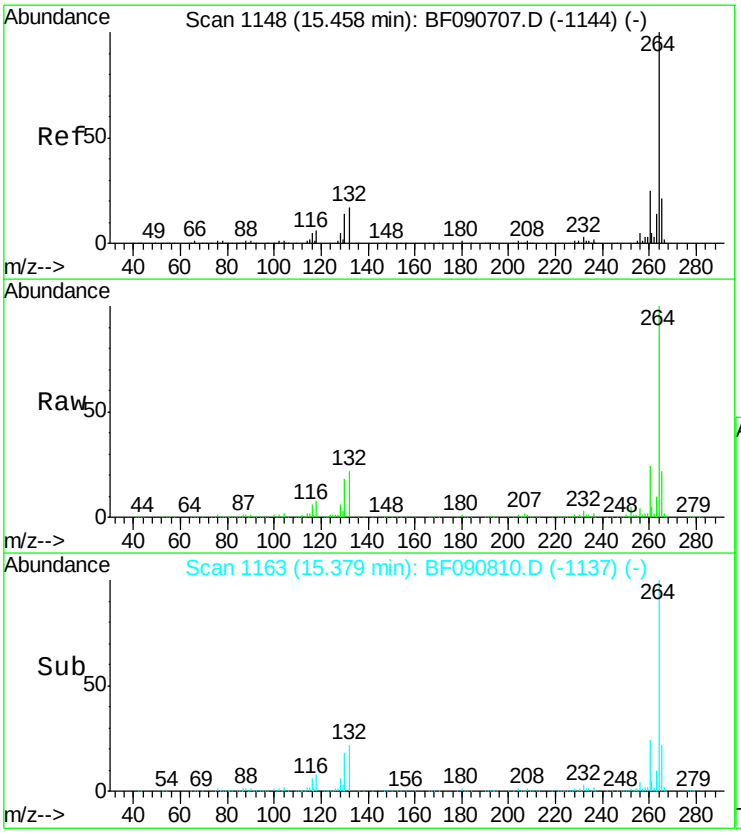
Tgt Ion:276 Resp: 1015384

Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.7	38.5
277	25.2	15.6	23.4#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

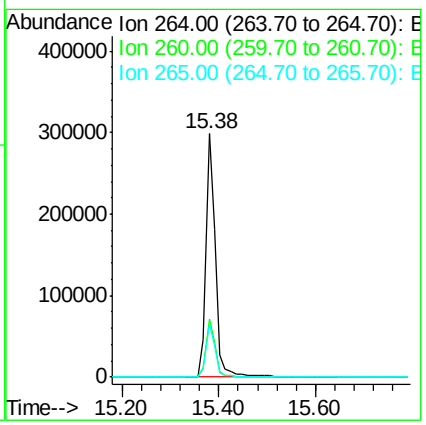
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

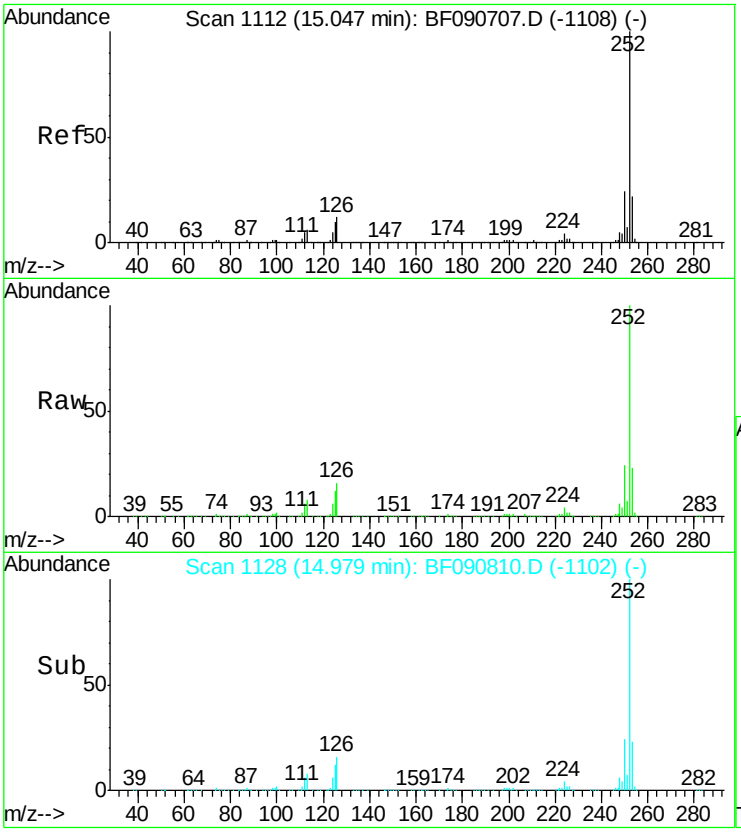


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:264 Resp: 407929

Ion	Ratio	Lower	Upper
264	100		
260	23.8	16.7	25.1
265	21.6	17.2	25.8

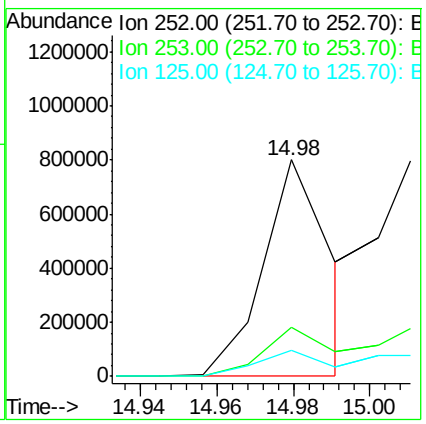




#87
Benzo(b)fluoranthene
Concen: 38.80 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

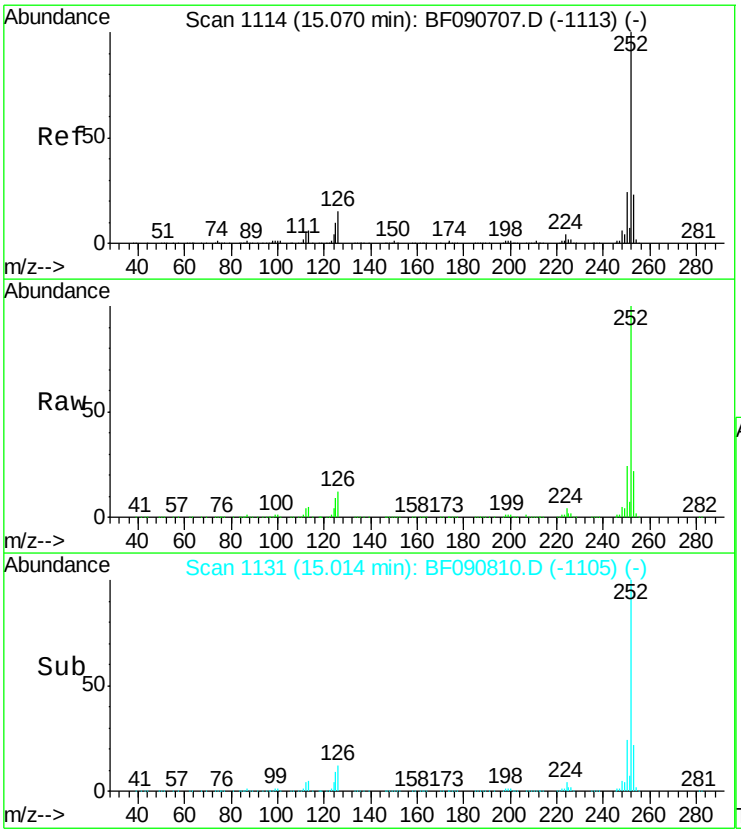
Tgt Ion:252 Resp: 973352

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	12.2	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

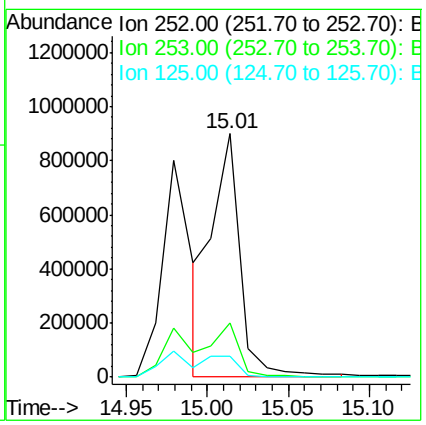
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

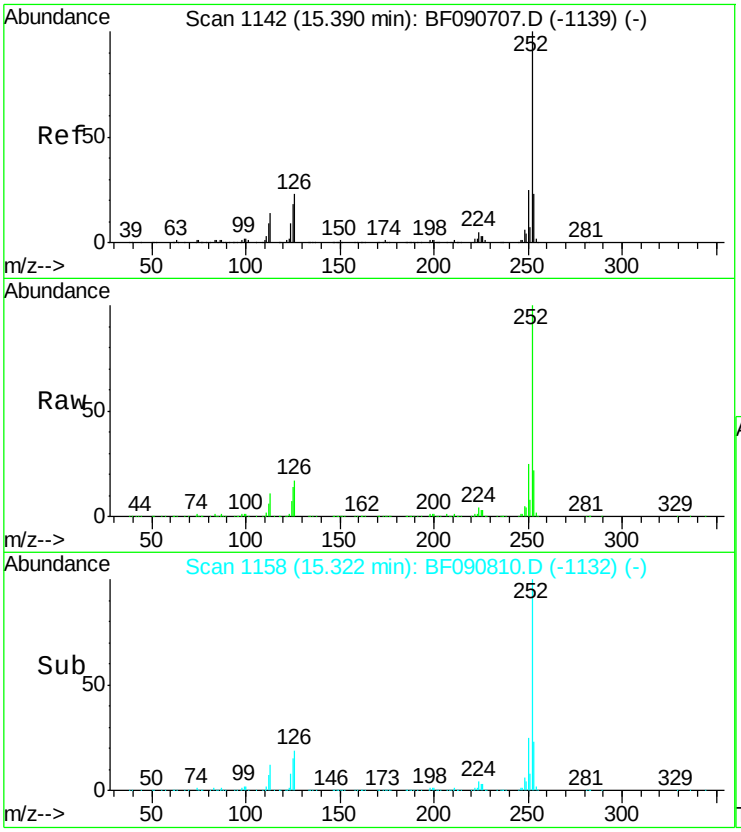


#88
Benzo(k)fluoranthene
Concen: 43.71 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:252 Resp: 1101733

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	8.5	16.0	24.0#

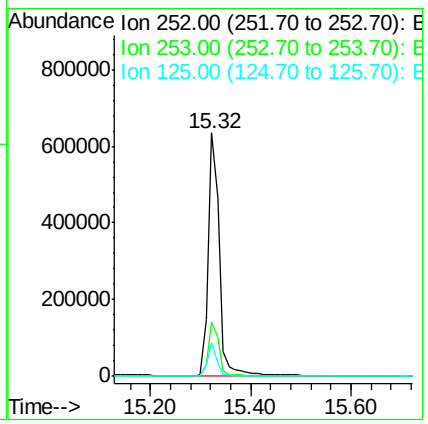




#89
Benzo(a)pyrene
Concen: 40.87 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

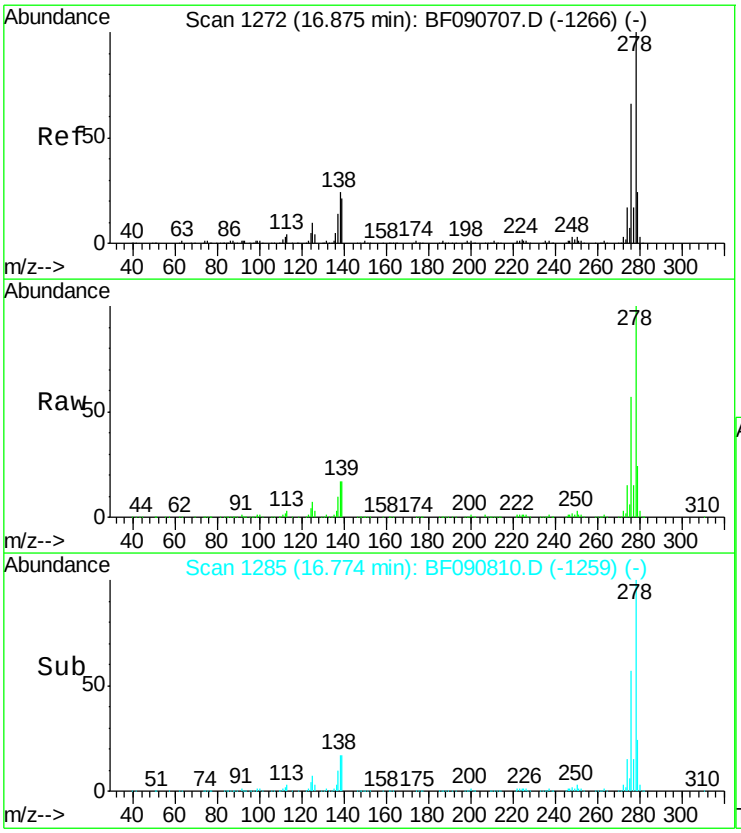
Tgt Ion:252 Resp: 961722

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	13.6	18.0	27.0#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

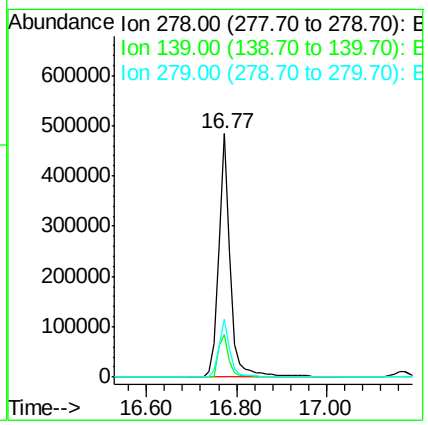
Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM

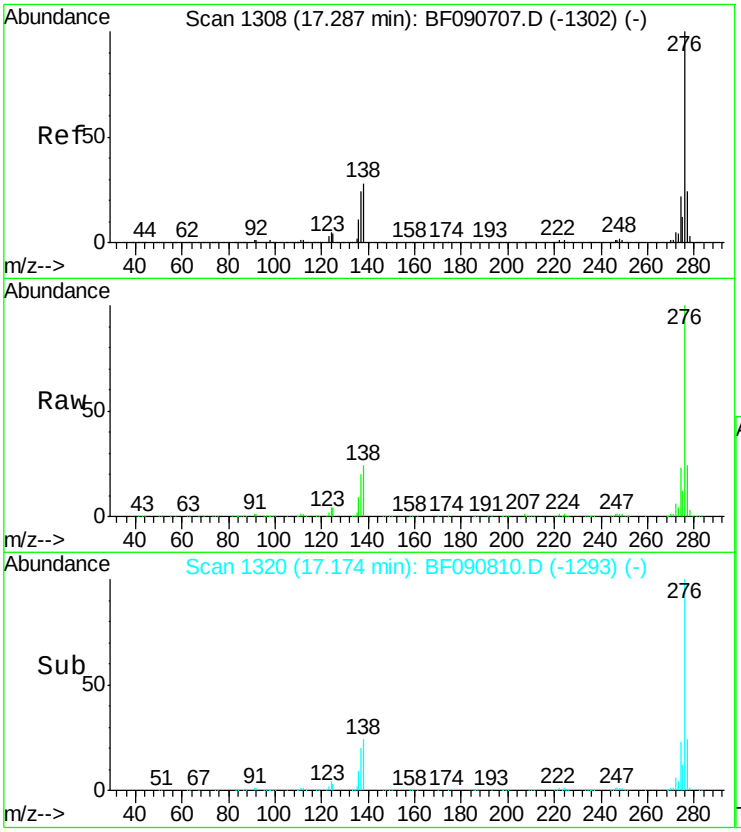


#90
Dibenzo(a,h)anthracene
Concen: 38.29 ng
RT: 16.77 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:278 Resp: 865161

Ion	Ratio	Lower	Upper
278	100		
139	17.3	26.3	39.5#
279	23.8	18.2	27.4

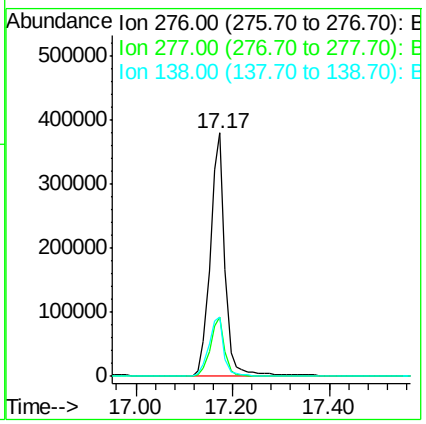




#91
Benzo(g,h,i)perylene
Concen: 37.09 ng
RT: 17.17 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF090810.D
Acq: 25 Oct 2016 16:36

Tgt Ion:276 Resp: 812828

Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.8	26.6
138	24.2	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
umangi
10/26/2016 4:45:34 PM