Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080227.D
Acq On : 30 Jun 2015 3:12
Operator : TP/IZ
Sample : G2819-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

Quant Time: Jun 30 12:08:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31309	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	119542	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	61881	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	118179	20.00	ng		-0.05
75) Chrysene-d12	14.72	240	127515	20.00	ng		-0.27
86) Perylene-d12	16.53	264	127248	20.00	ng		-0.40
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	277482	156.88	ng		-0.02
7) Phenol-d6	6.90	99	386725	164.31	ng		-0.02
23) Nitrobenzene-d5	7.85	82	241712	117.71	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	90654	149.82	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	424212	97.76	ng		-0.03
78) Terphenyl-d14	13.50	244	475801	87.14	ng		-0.17
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	32336	38.46	ng		87
3) Pyridine	3.97	79	117628	52.61	ng		86
4) n-Nitrosodimethylamine	3.89	42	50956	47.96	ng		95
6) Aniline	6.95	93	143771	44.40	ng		94
8) 2-Chlorophenol	7.08	128	104137	50.94	ng		83
9) Benzaldehyde	6.84	77	49783	36.64	ng	#	68
10) Phenol	6.92	94	147714	57.51	ng		73
11) bis(2-Chloroethyl)ether	7.02	93	102199	50.15	ng		89
12) 1,3-Dichlorobenzene	7.24	146	117494m	47.85	ng		
13) 1,4-Dichlorobenzene	7.32	146	130009	55.67	ng		96
14) 1,2-Dichlorobenzene	7.48	146	112804	49.64	ng		96
15) Benzyl Alcohol	7.42	79	93226	48.44	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	7.57	45	175137	57.90	ng		84
17) 2-Methylphenol	7.53	107	92343	52.88	ng	#	89
18) Hexachloroethane	7.82	117	39799	51.18	ng	#	80
19) n-Nitroso-di-n-propylamine	7.69	70	85438	52.29	ng	#	75
20) 3+4-Methylphenols	7.68	107	119102	52.85	ng		90
22) Acetophenone	7.69	105	143931	51.67	ng	#	80
24) Nitrobenzene	7.88	77	116060	54.76	ng	#	76
25) Isophorone	8.10	82	199505	48.28	ng	#	82
26) 2-Nitrophenol	8.20	139	56898	64.14	ng	#	74
27) 2,4-Dimethylphenol	8.22	122	110341	59.65	ng	#	82
28) bis(2-Chloroethoxy)methane	8.31	93	125672	51.76	ng	#	90
29) 2,4-Dichlorophenol	8.44	162	98501	62.18	ng		98
30) 1,2,4-Trichlorobenzene	8.53	180	107268	59.62	ng		100
31) Naphthalene	8.61	128	312399m	49.98	ng		
33) 4-Chloroaniline	8.65	127	95851	35.83	ng	#	97
34) Hexachlorobutadiene	8.73	225	55824	50.39	ng		99
35) Caprolactam	8.98	113	27670	53.81	ng		98
36) 4-Chloro-3-methylphenol	9.12	107	95311	53.34	ng		90
37) 2-Methylnaphthalene	9.30	142	227879	56.37	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	102805	57.09	ng		97
40) Hexachlorocyclopentadiene	9.46	237	62015	67.95	ng		98
42) 2,4,6-Trichlorophenol	9.58	196	66012	53.88	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080227.D
Acq On : 30 Jun 2015 3:12
Operator : TP/IZ
Sample : G2819-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

Quant Time: Jun 30 12:08:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.61	196	66968	47.44	ng	#	87
45) 1,1'-Biphenyl	9.76	154	254867	50.62	ng		93
46) 2-Chloronaphthalene	9.80	162	211462	51.76	ng		95
47) 2-Nitroaniline	9.88	65	58816	52.45	ng	#	54
48) Acenaphthylene	10.22	152	354276	51.96	ng		97
49) Dimethylphthalate	10.06	163	315237	67.76	ng	#	97
50) 2,6-Dinitrotoluene	10.12	165	48830	52.36	ng	#	42
51) Acenaphthene	10.39	154	202468	48.54	ng		90
52) 3-Nitroaniline	10.29	138	50042	46.50	ng	#	45
53) 2,4-Dinitrophenol	10.40	184	6341	21.32	ng	#	1
54) Dibenzofuran	10.56	168	305607	51.63	ng	#	89
55) 4-Nitrophenol	10.44	139	61029	70.95	ng	#	33
56) 2,4-Dinitrotoluene	10.53	165	70287	59.39	ng	#	83
57) Fluorene	10.92	166	239245	50.94	ng		93
58) 2,3,4,6-Tetrachlorophenol	10.68	232	51710	43.39	ng		96
59) Diethylphthalate	10.76	149	226831	48.42	ng		96
60) 4-Chlorophenyl-phenylether	10.89	204	114655	50.80	ng	#	88
61) 4-Nitroaniline	10.90	138	54500	49.04	ng	#	49
62) Azobenzene	11.05	77	233987	49.07	ng		88
64) 4,6-Dinitro-2-methylphenol	10.94	198	13874	28.18	ng		87
65) n-Nitrosodiphenylamine	11.01	169	209618	54.47	ng		91
66) 4-Bromophenyl-phenylether	11.40	248	66129	52.63	ng	#	82
67) Hexachlorobenzene	11.48	284	71297	51.05	ng	#	77
68) Atrazine	11.53	200	66008	54.29	ng		85
69) Pentachlorophenol	11.66	266	57969	73.25	ng		100
70) Phenanthrene	11.89	178	381563	53.33	ng		97
71) Anthracene	11.93	178	365298	53.03	ng		98
72) Carbazole	12.08	167	322064	48.97	ng		96
73) Di-n-butylphthalate	12.41	149	361653	47.59	ng		99
74) Fluoranthene	13.11	202	387610	50.87	ng		95
76) Benzidine	13.22	184	279093	78.30	ng		98
77) Pyrene	13.36	202	408393	52.02	ng		97
79) Butylbenzylphthalate	14.02	149	170444	54.06	ng		98
80) Benzo(a)anthracene	14.71	228	402291	51.79	ng		97
81) 3,3'-Dichlorobenzidine	14.65	252	152030	56.74	ng	#	94
82) Chrysene	14.76	228	366775	51.20	ng		95
83) Bis(2-ethylhexyl)phthalate	14.68	149	248657	49.90	ng	#	93
84) Di-n-octyl phthalate	15.44	149	412707	48.33	ng	#	94
85) Indeno(1,2,3-cd)pyrene	18.35	276	447844	49.58	ng	#	89
87) Benzo(b)fluoranthene	16.00	252	385538	50.04	ng	#	86
88) Benzo(k)fluoranthene	16.04	252	401377	51.16	ng	#	87
89) Benzo(a)pyrene	16.45	252	394536	53.92	ng	#	88
90) Dibenzo(a,h)anthracene	18.37	278	375445	50.13	ng	#	83
91) Benzo(g,h,i)perylene	18.91	276	381146	50.41	ng	#	76

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

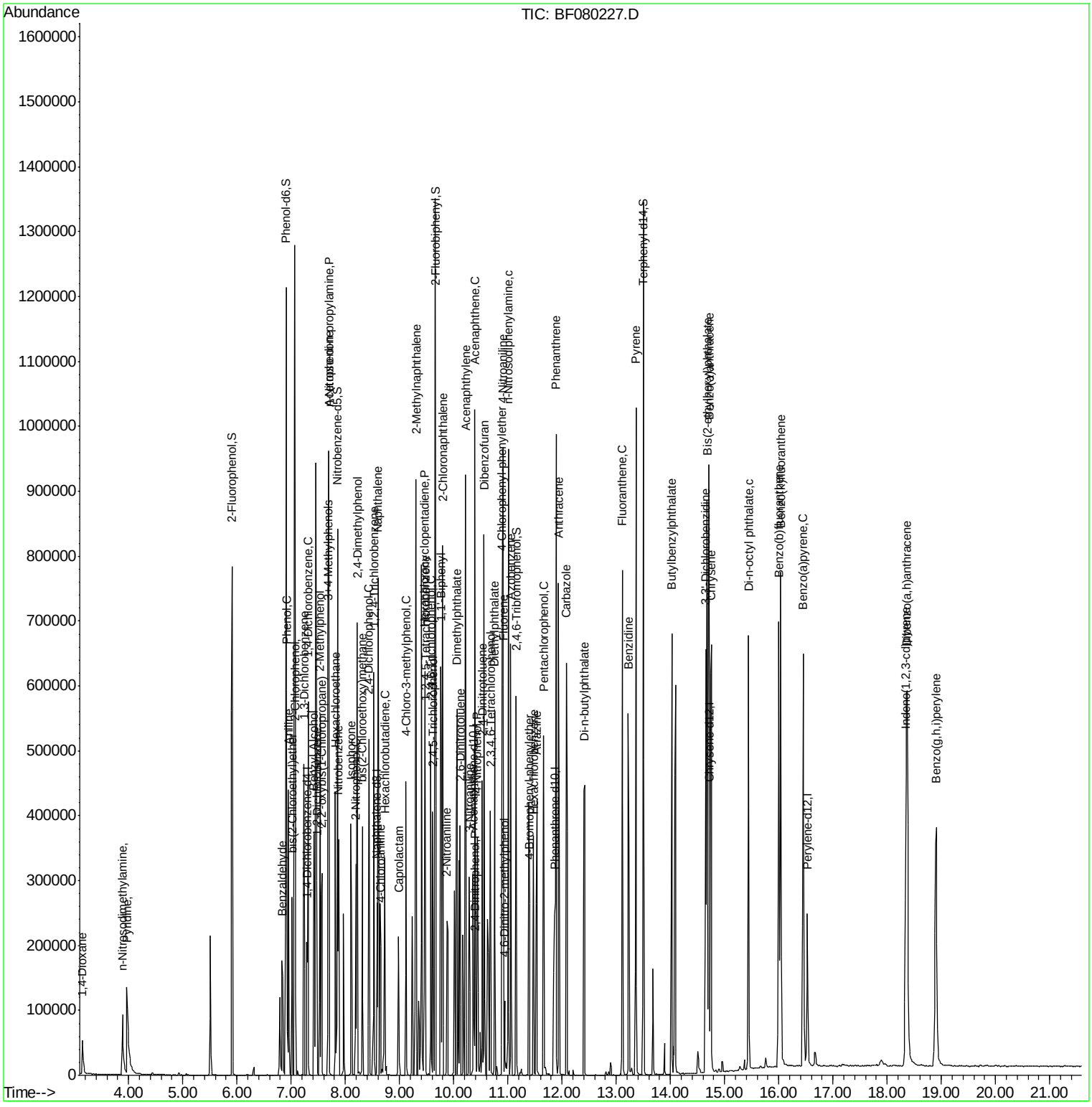
Quantitation Report (QT Reviewed)

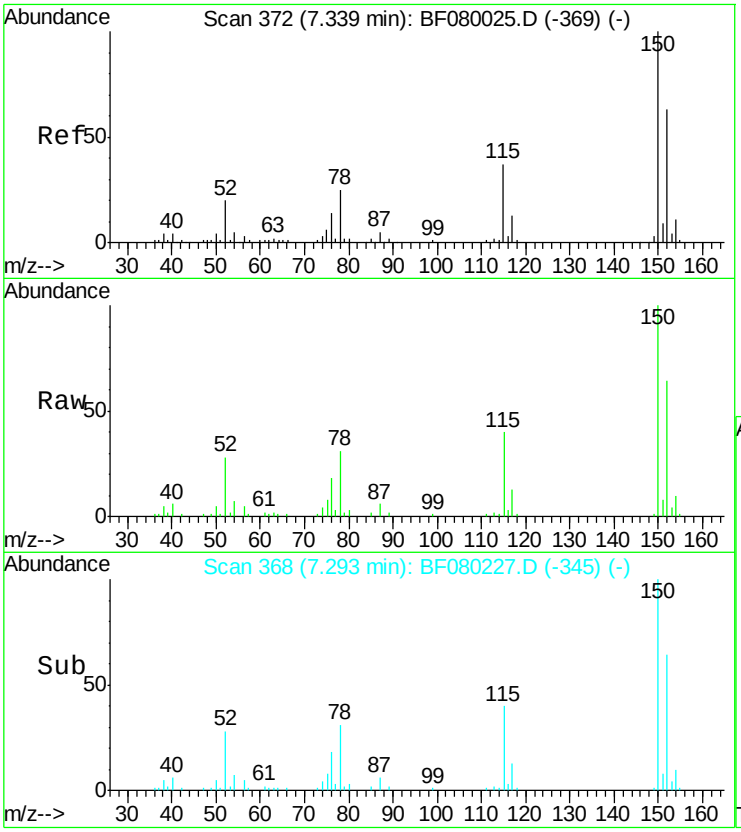
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080227.D
Acq On : 30 Jun 2015 3:12
Operator : TP/IZ
Sample : G2819-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 30 12:08:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

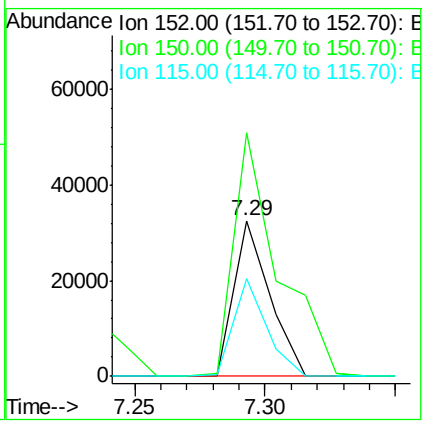




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

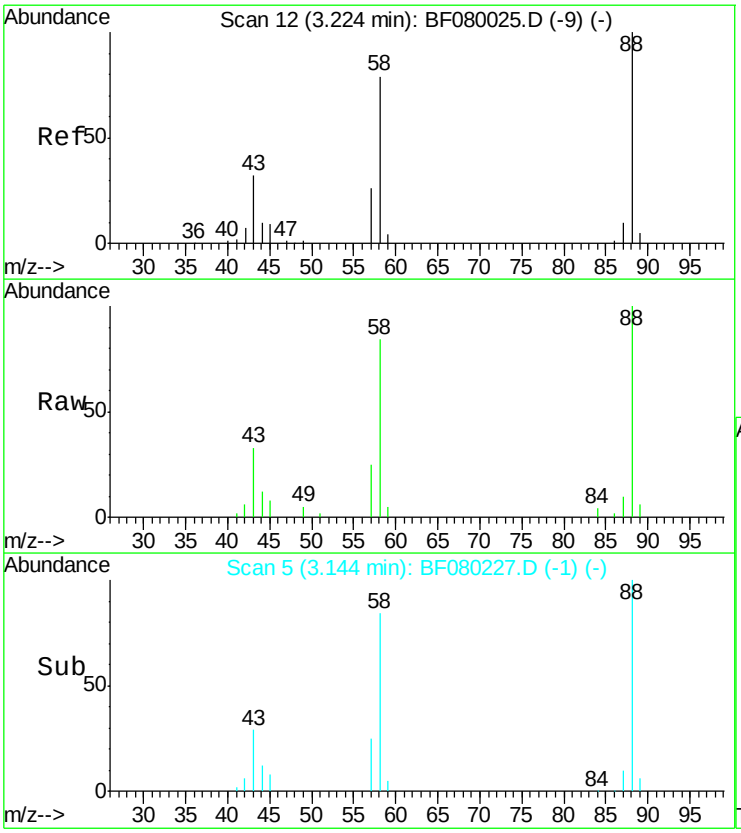
Tgt Ion:152 Resp: 31309

Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.7	187.1
115	62.4	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

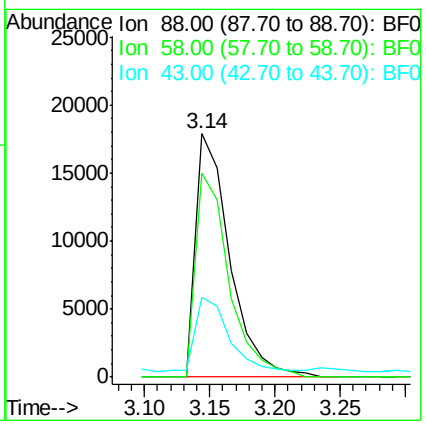
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

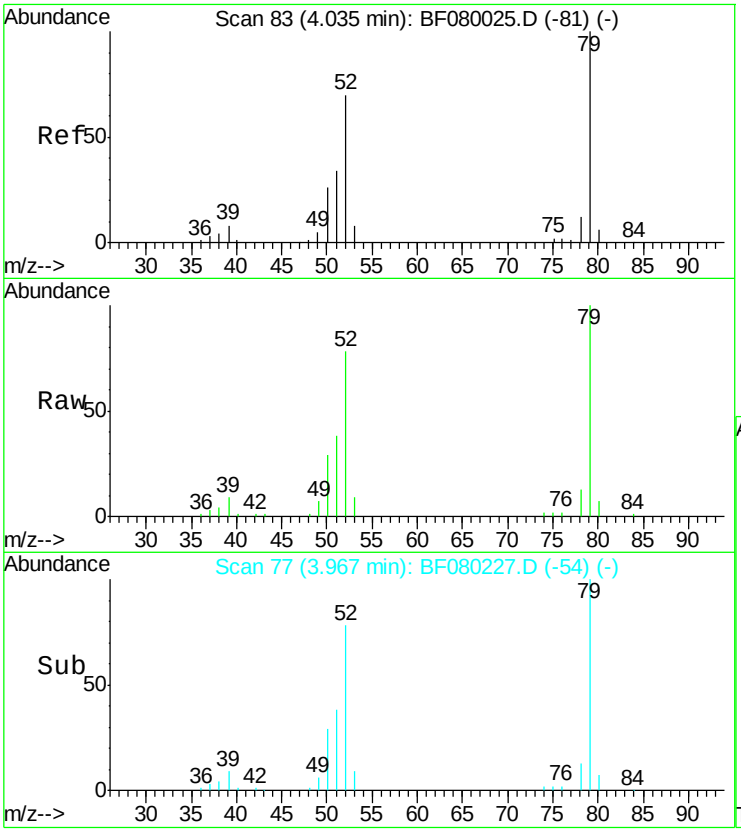


#2
1,4-Dioxane
Concen: 38.46 ng
RT: 3.14 min Scan# 5
Delta R.T. -0.05 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 88 Resp: 32336

Ion	Ratio	Lower	Upper
88	100		
58	81.8	77.7	116.5
43	29.1	26.6	40.0

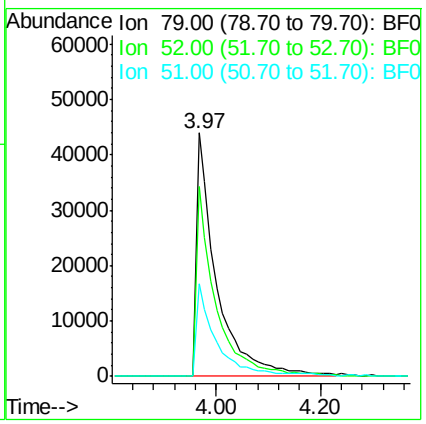




#3
Pyridine
Concen: 52.61 ng
RT: 3.97 min Scan# 77
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

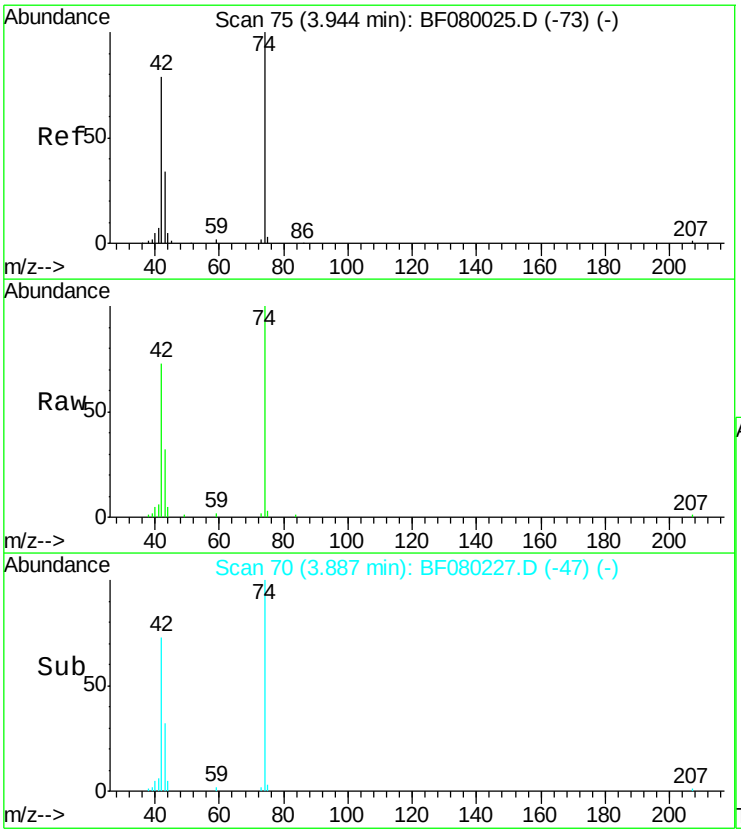
Tgt Ion: 79 Resp: 117628

Ion	Ratio	Lower	Upper
79	100		
52	77.8	76.8	115.2
51	37.9	32.2	48.4



Instrument :
BNA_F
ClientSampleId :
SOILMSD

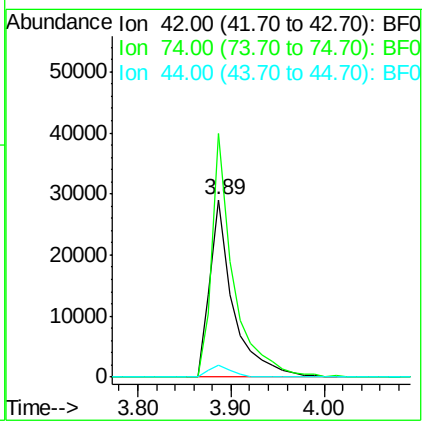
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

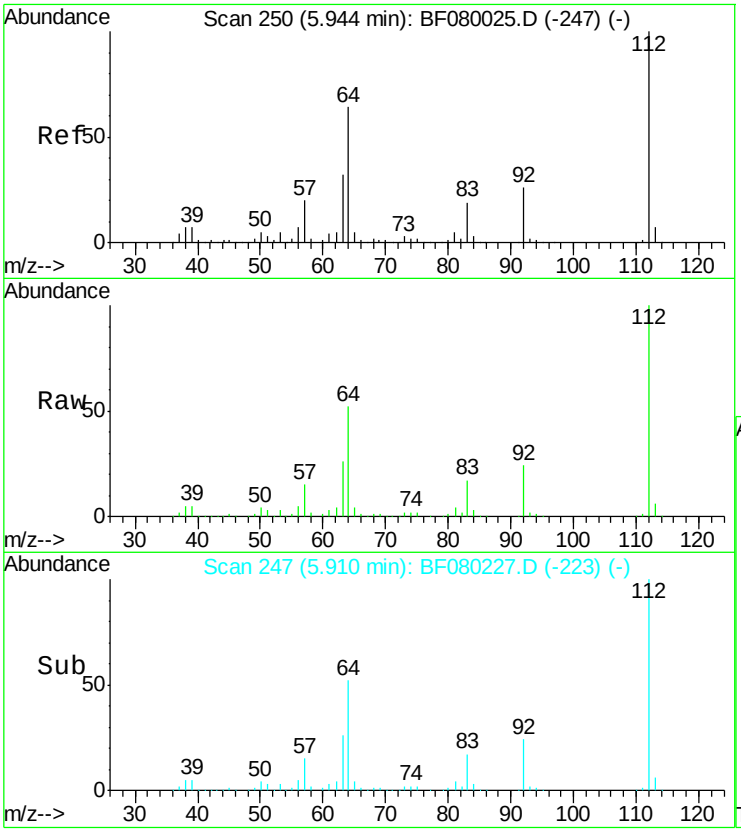


#4
n-Nitrosodimethylamine
Concen: 47.96 ng
RT: 3.89 min Scan# 70
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 42 Resp: 50956

Ion	Ratio	Lower	Upper
42	100		
74	137.1	105.0	157.6
44	6.7	6.6	10.0

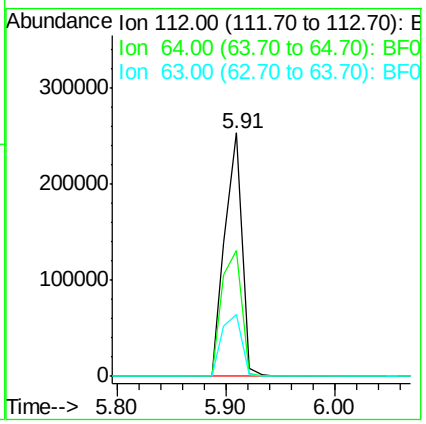




#5
2-Fluorophenol
Concen: 156.88 ng
RT: 5.91 min Scan# 247
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

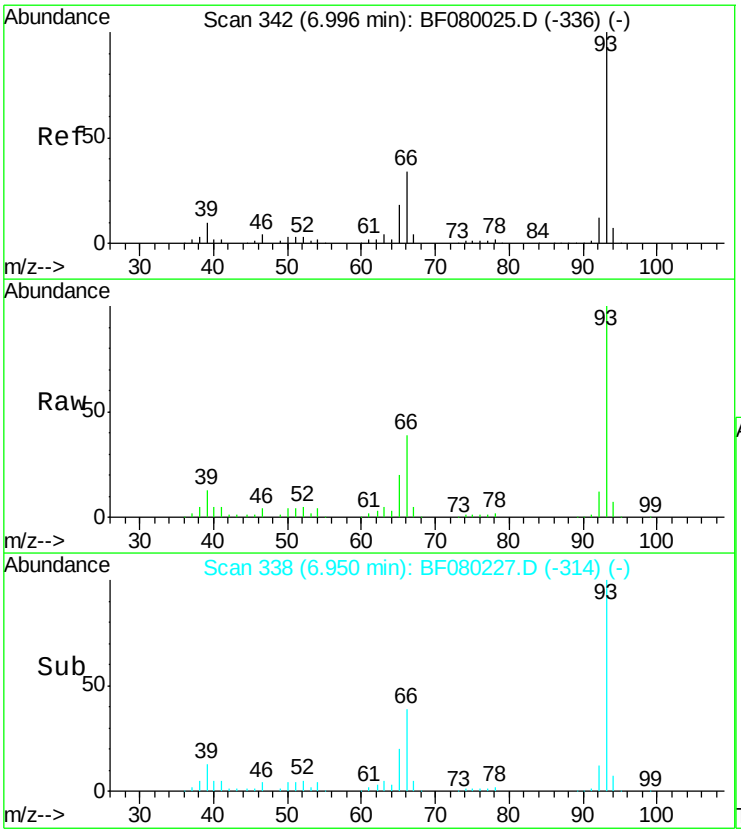
Tgt Ion:112 Resp: 277482

Ion	Ratio	Lower	Upper
112	100		
64	51.9	39.7	59.5
63	25.6	17.4	26.0



Instrument :
BNA_F
ClientSampleId :
SOILMSD

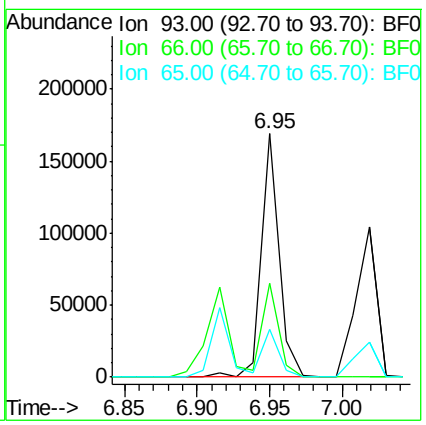
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

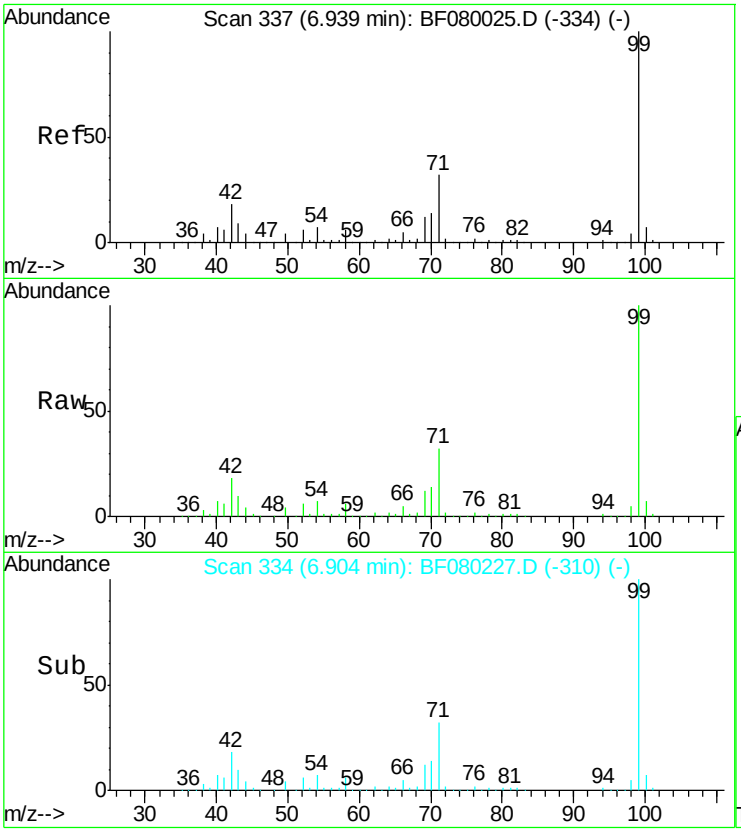


#6
Aniline
Concen: 44.40 ng
RT: 6.95 min Scan# 338
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 93 Resp: 143771

Ion	Ratio	Lower	Upper
93	100		
66	38.8	27.2	40.8
65	19.7	14.7	22.1

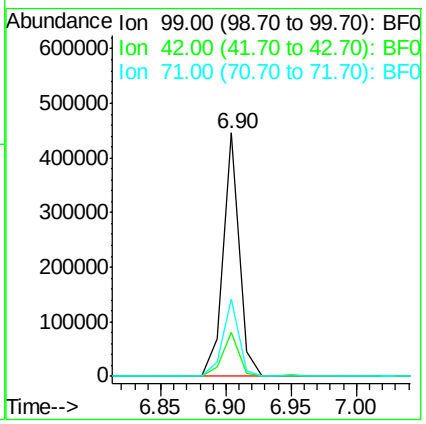




#7
Phenol-d6
Concen: 164.31 ng
RT: 6.90 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

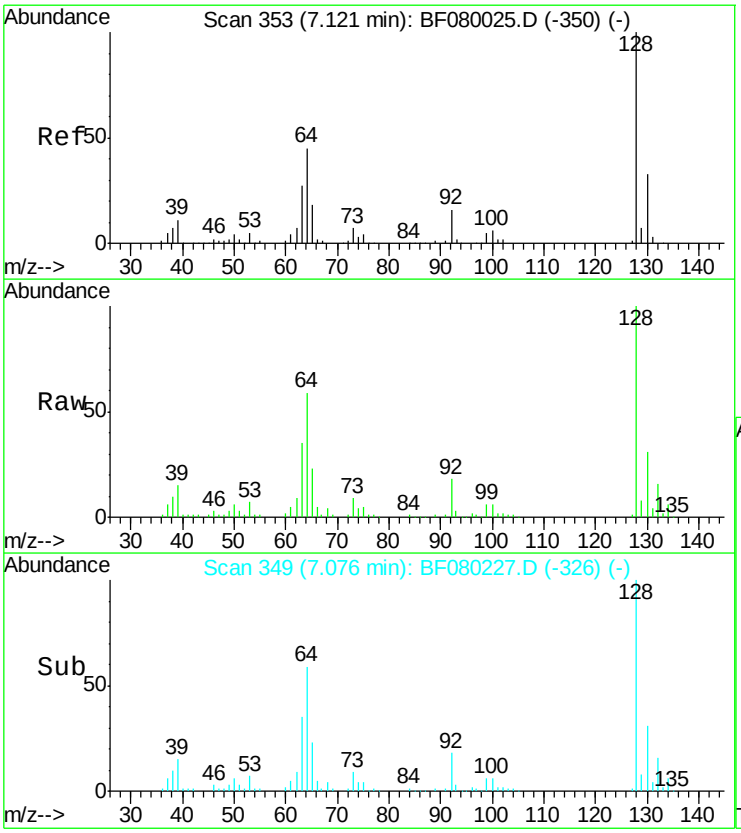
Tgt Ion: 99 Resp: 386725

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.7	20.5
71	31.6	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

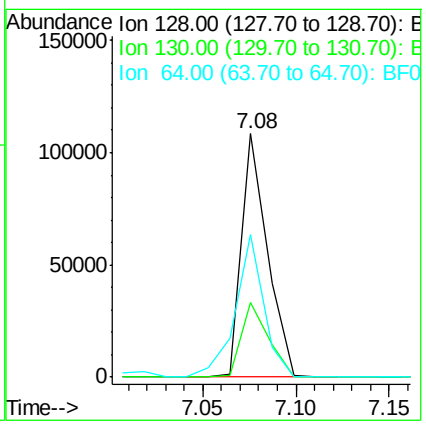
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

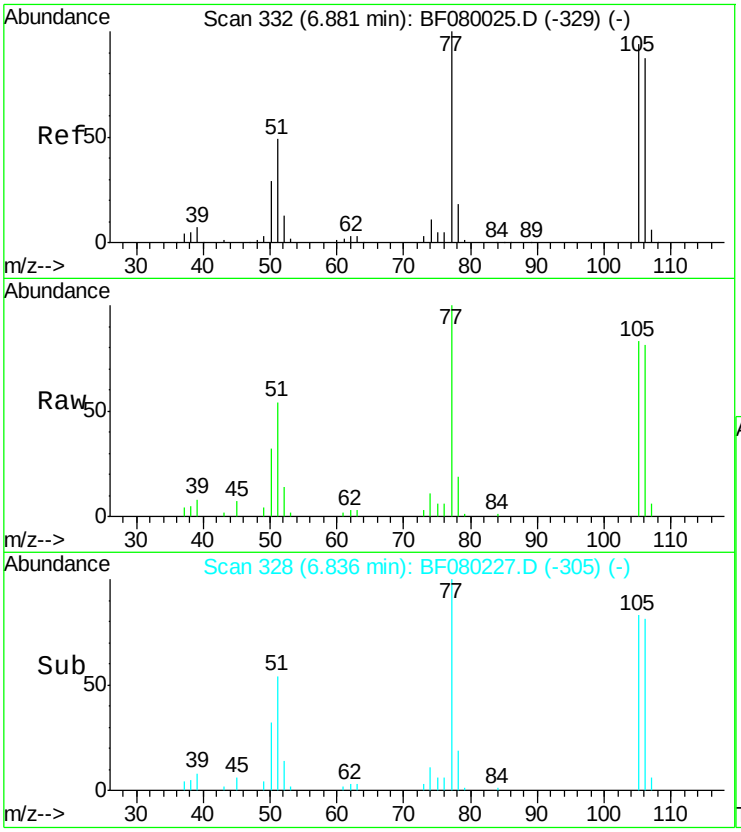


#8
2-Chlorophenol
Concen: 50.94 ng
RT: 7.08 min Scan# 349
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:128 Resp: 104137

Ion	Ratio	Lower	Upper
128	100		
130	30.6	12.2	52.2
64	58.6	20.5	60.5

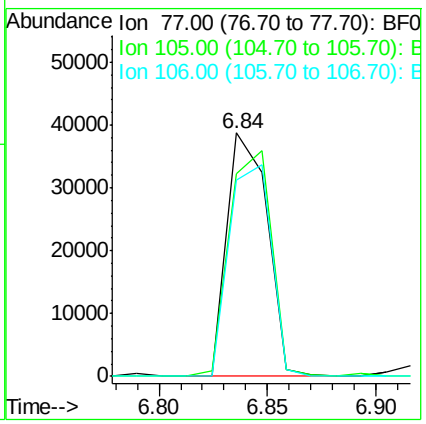




#9
Benzaldehyde
Concen: 36.64 ng
RT: 6.84 min Scan# 328
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

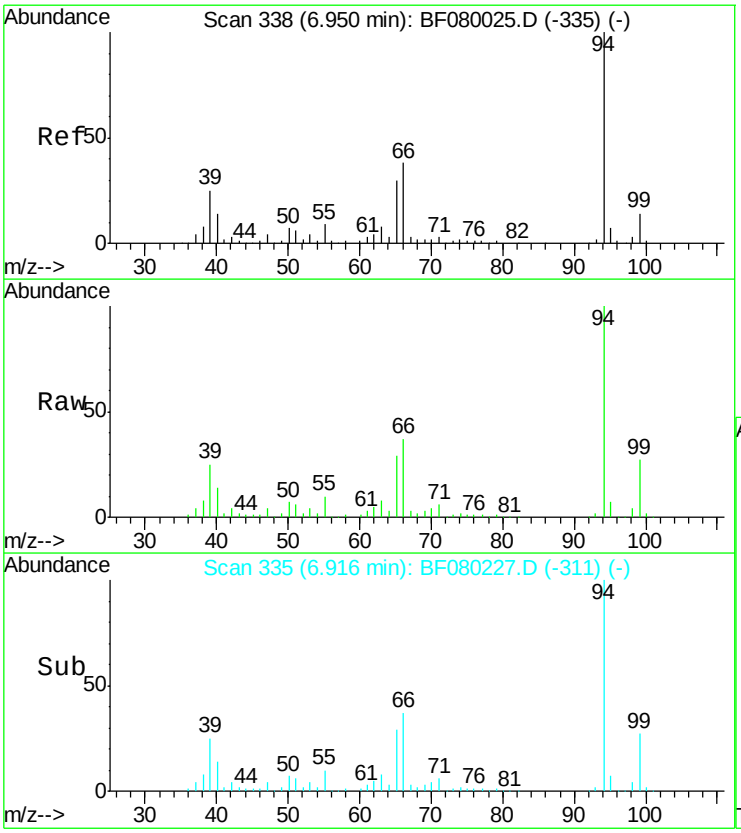
Tgt Ion: 77 Resp: 49783

Ion	Ratio	Lower	Upper
77	100		
105	83.1	91.6	131.6#
106	80.5	102.6	142.6#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

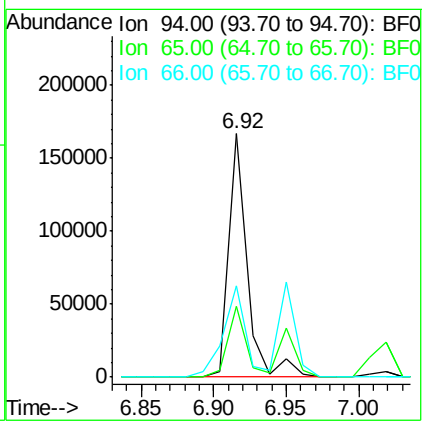
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

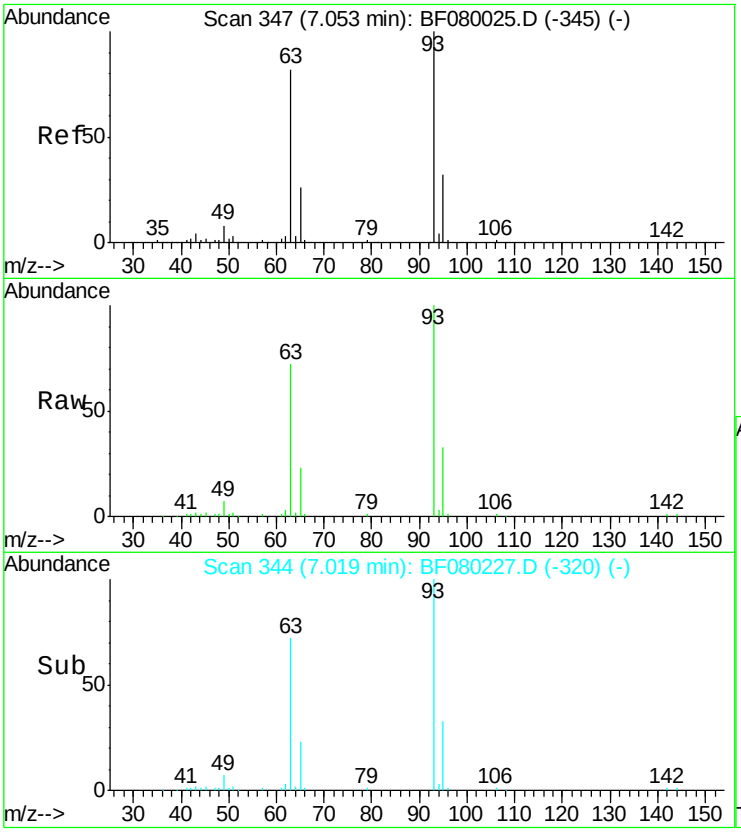


#10
Phenol
Concen: 57.51 ng
RT: 6.92 min Scan# 335
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 94 Resp: 147714

Ion	Ratio	Lower	Upper
94	100		
65	29.0	0.7	40.7
66	37.3	0.8	40.8

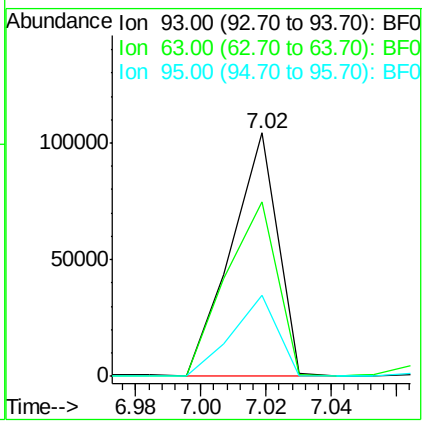




#11
bis(2-Chloroethyl)ether
Concen: 50.15 ng
RT: 7.02 min Scan# 344
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

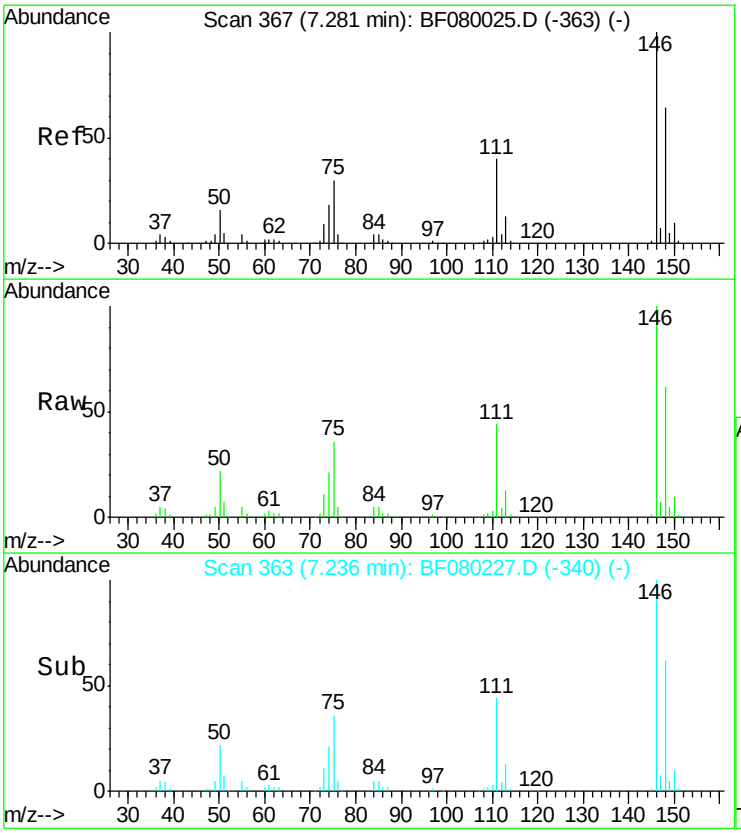
Tgt Ion: 93 Resp: 102199

Ion	Ratio	Lower	Upper
93	100		
63	71.6	65.6	105.6
95	33.2	13.6	53.6



Instrument :
BNA_F
ClientSampleId :
SOILMSD

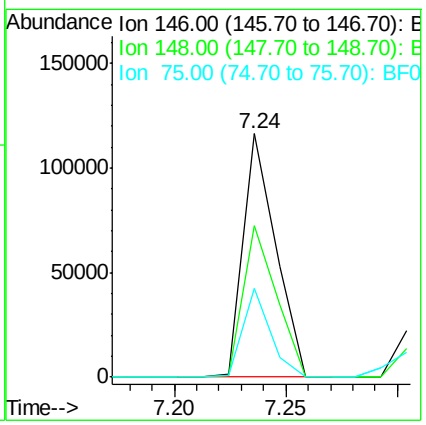
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

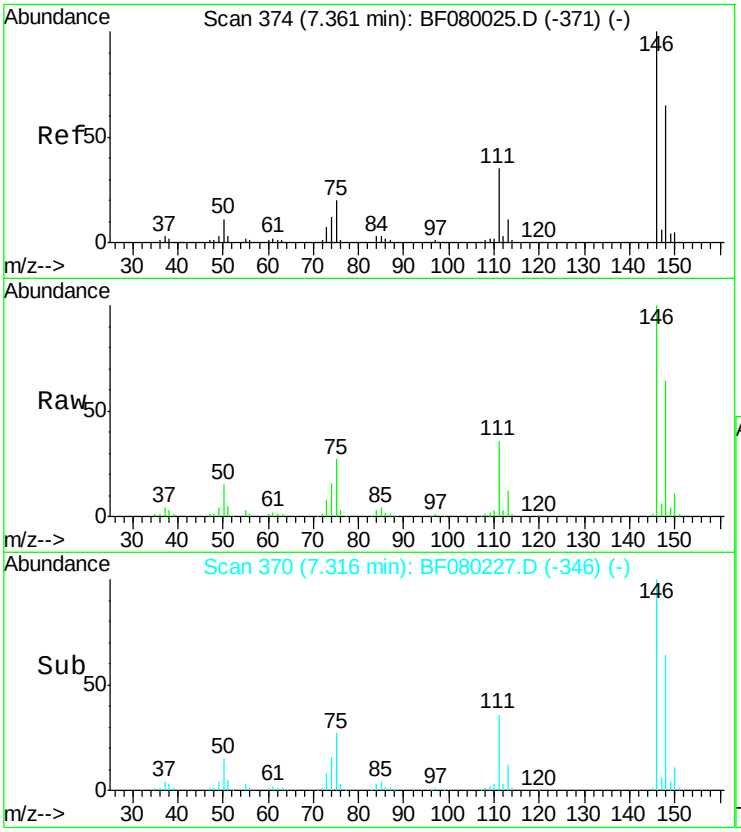


#12
1,3-Dichlorobenzene
Concen: 47.85 ng m
RT: 7.24 min Scan# 363
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:146 Resp: 117494

Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.4
75	36.2	15.0	22.6#

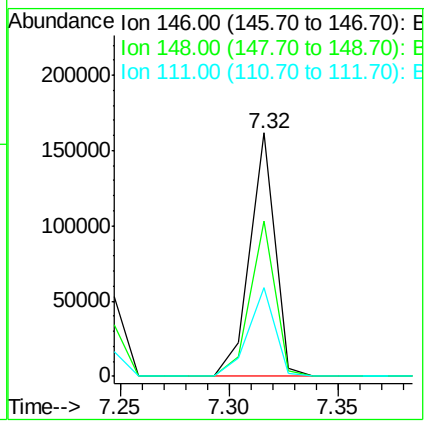




#13
1,4-Dichlorobenzene
Concen: 55.67 ng
RT: 7.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

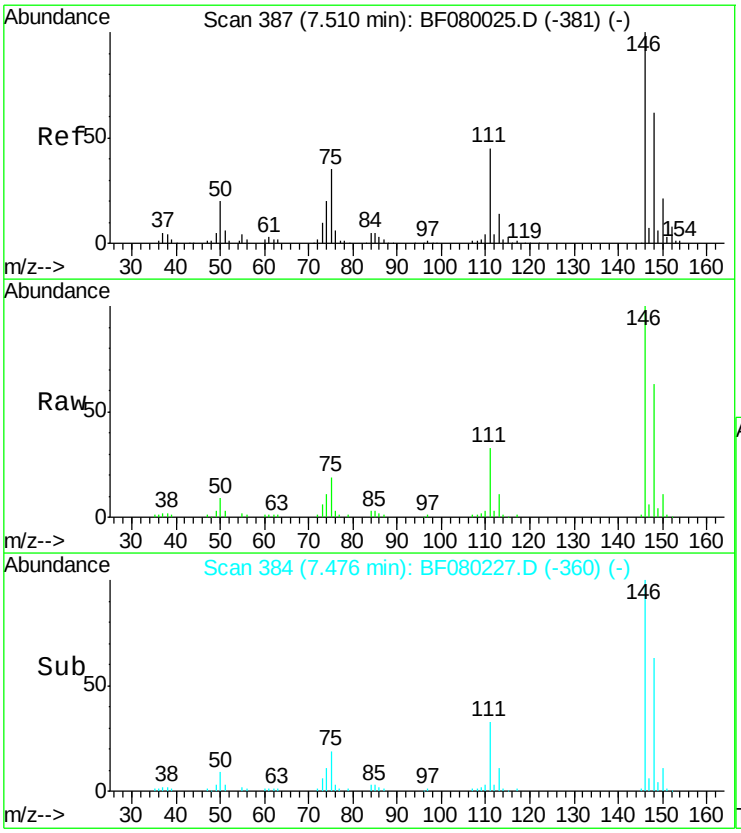
Tgt Ion:146 Resp: 130009

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.8	77.6
111	36.4	24.9	37.3



Instrument :
BNA_F
ClientSampleId :
SOILMSD

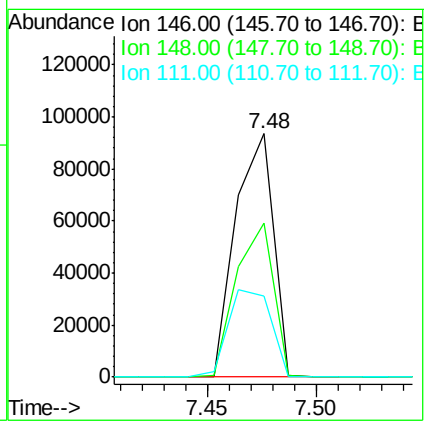
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

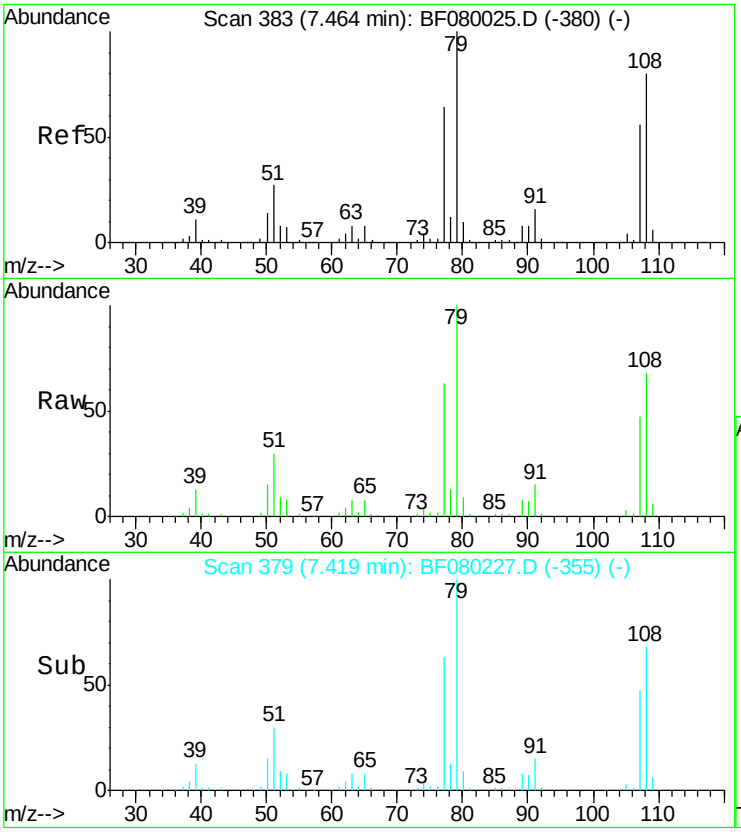


#14
1,2-Dichlorobenzene
Concen: 49.64 ng
RT: 7.48 min Scan# 384
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:146 Resp: 112804

Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.7	79.1
111	33.4	28.8	43.2





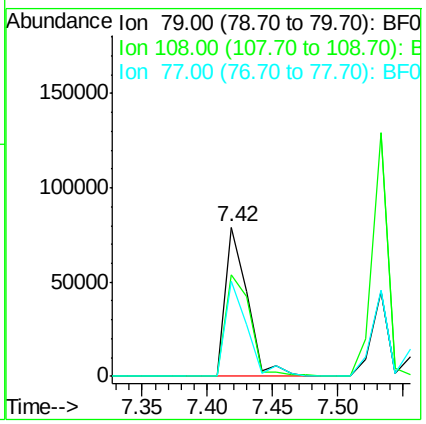
#15
Benzyl Alcohol
Concen: 48.44 ng
RT: 7.42 min Scan# 379
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

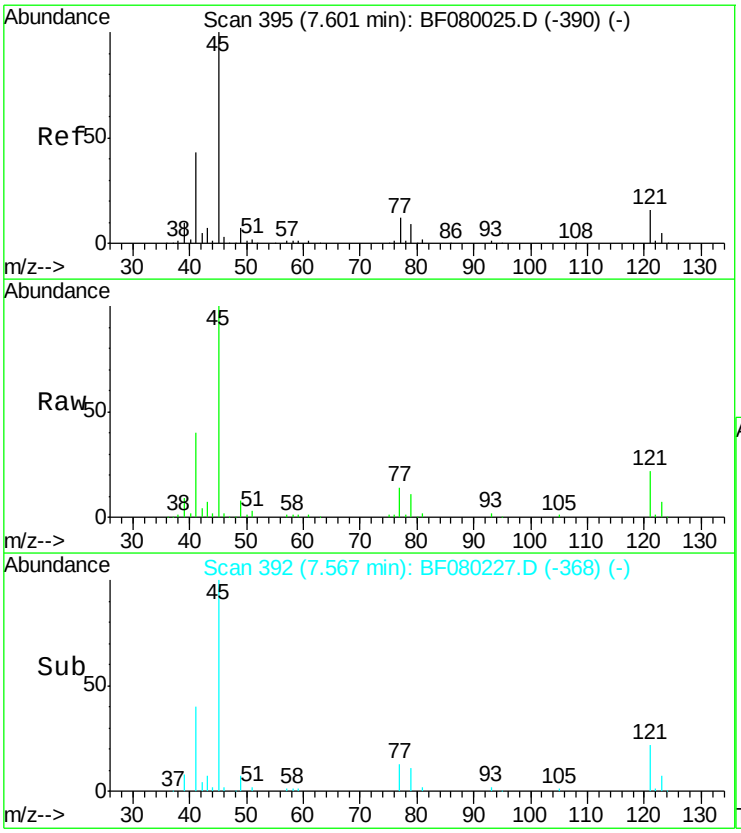
Tgt Ion: 79 Resp: 93226

Ion	Ratio	Lower	Upper
79	100		
108	67.8	88.6	132.8#
77	63.3	47.0	70.4

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

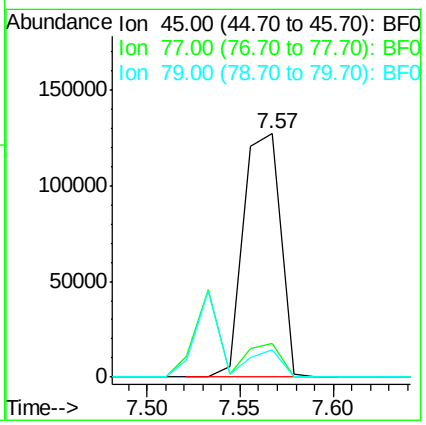


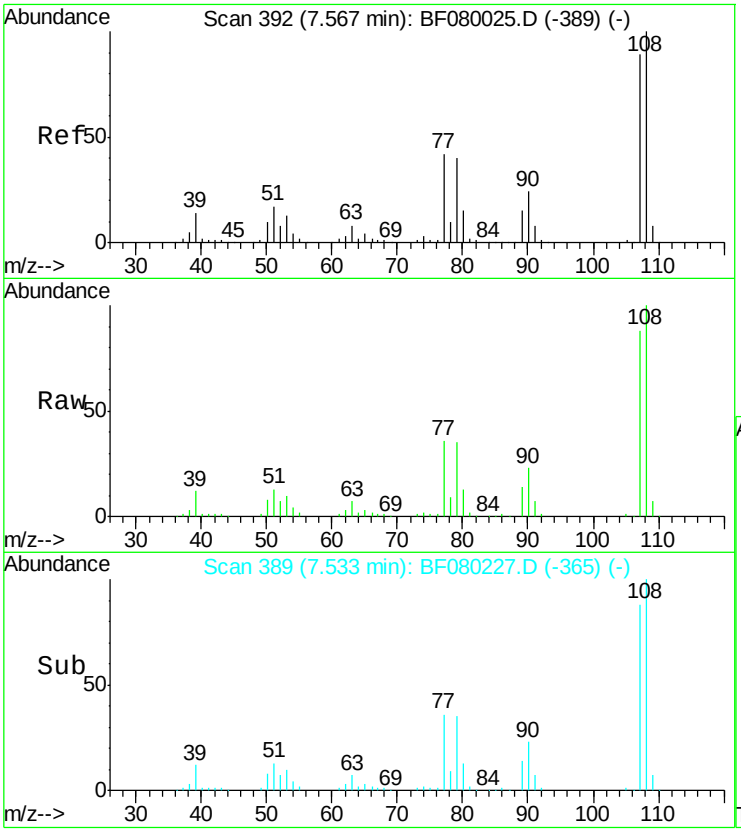


#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.90 ng
RT: 7.57 min Scan# 392
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 45 Resp: 175137

Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	28.1
79	11.4	0.0	26.0

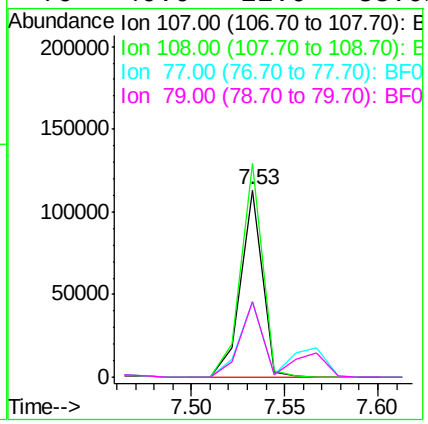




#17
2-Methylphenol
Concen: 52.88 ng
RT: 7.53 min Scan# 389
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

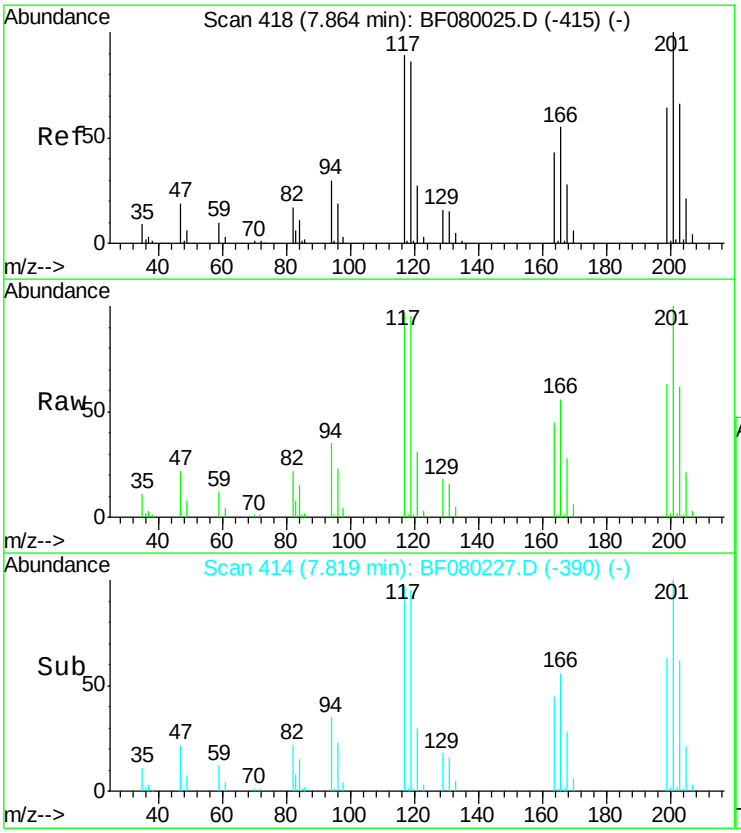
Tgt Ion:107 Resp: 92343

Ion	Ratio	Lower	Upper
107	100		
108	114.0	96.6	145.0
77	40.5	23.3	34.9#
79	40.0	22.0	33.0#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

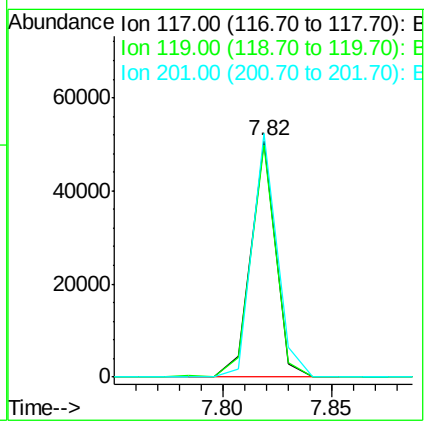
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

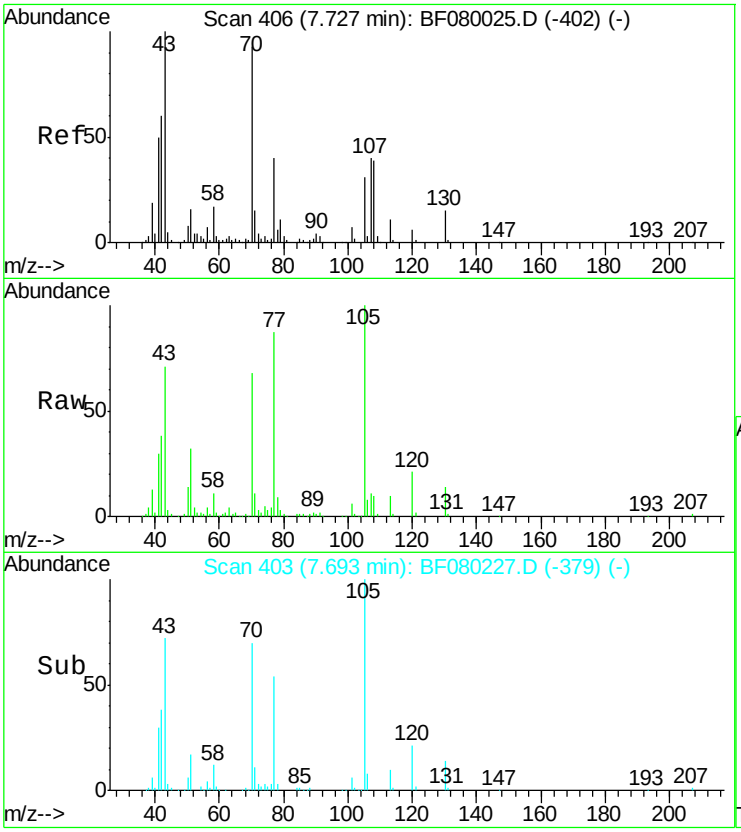


#18
Hexachloroethane
Concen: 51.18 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:117 Resp: 39799

Ion	Ratio	Lower	Upper
117	100		
119	98.5	83.8	125.6
201	103.2	55.1	82.7#





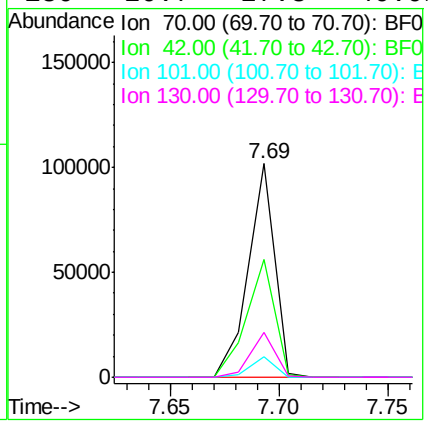
#19
n-Nitroso-di-n-propylamine
Concen: 52.29 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

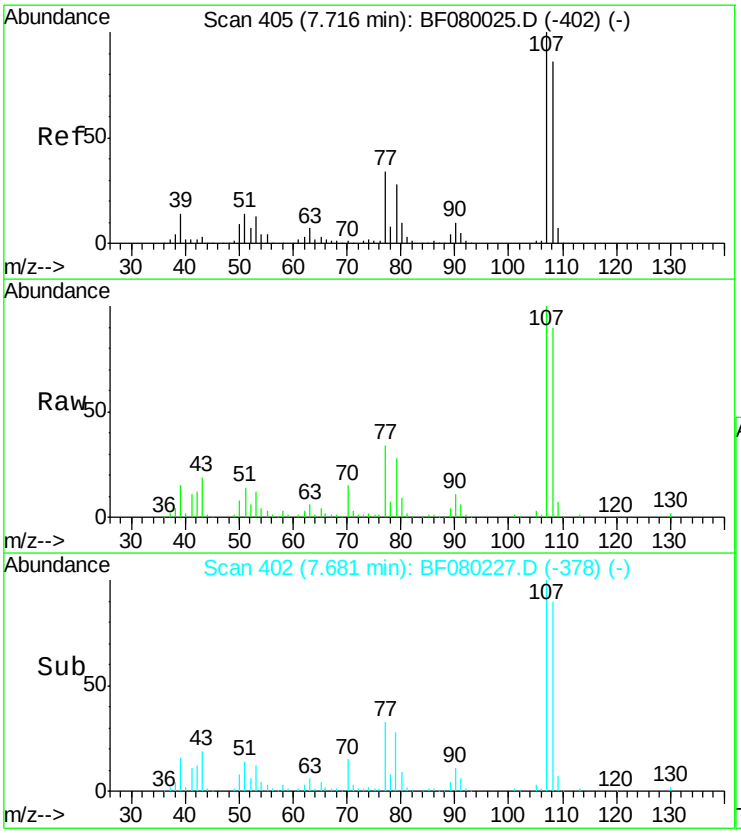
Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

Tgt Ion: 70 Resp: 85438

Ion	Ratio	Lower	Upper
70	100		
42	55.1	63.8	95.6#
101	9.3	9.2	13.8
130	20.7	27.3	40.9#

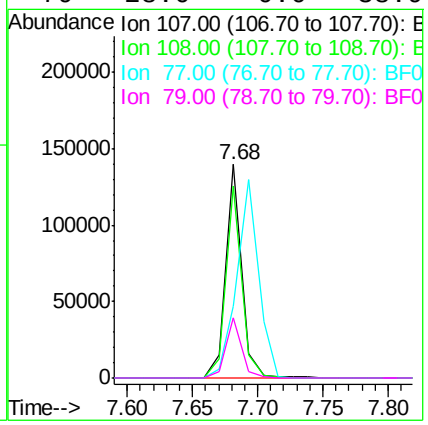


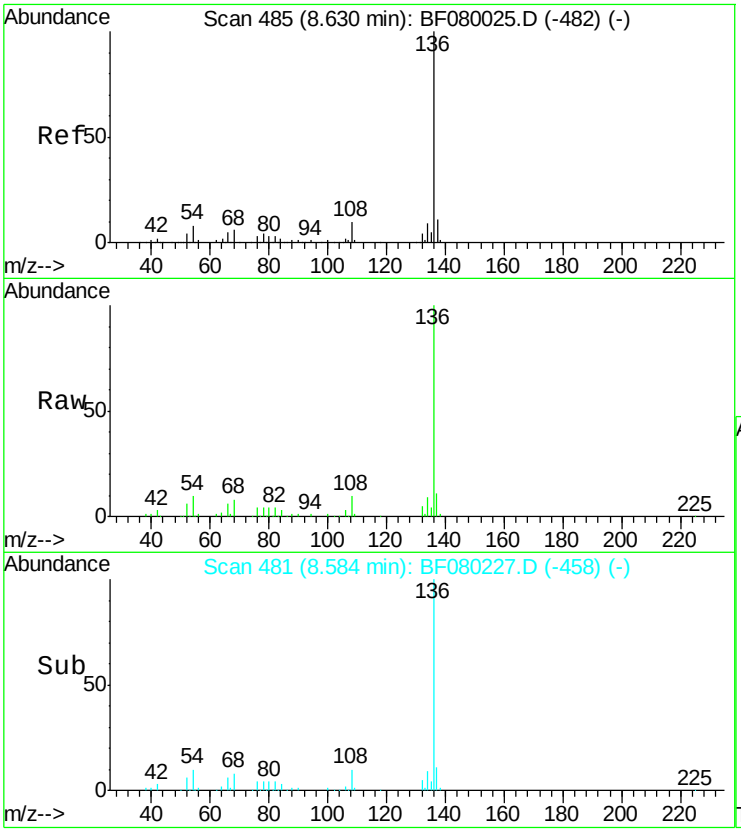


#20
3+4-Methylphenols
Concen: 52.85 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:107 Resp: 119102

Ion	Ratio	Lower	Upper
107	100		
108	90.1	74.6	114.6
77	33.7	0.7	40.7
79	28.0	0.0	38.9

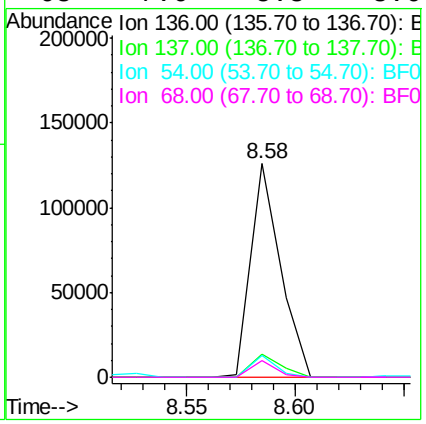




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

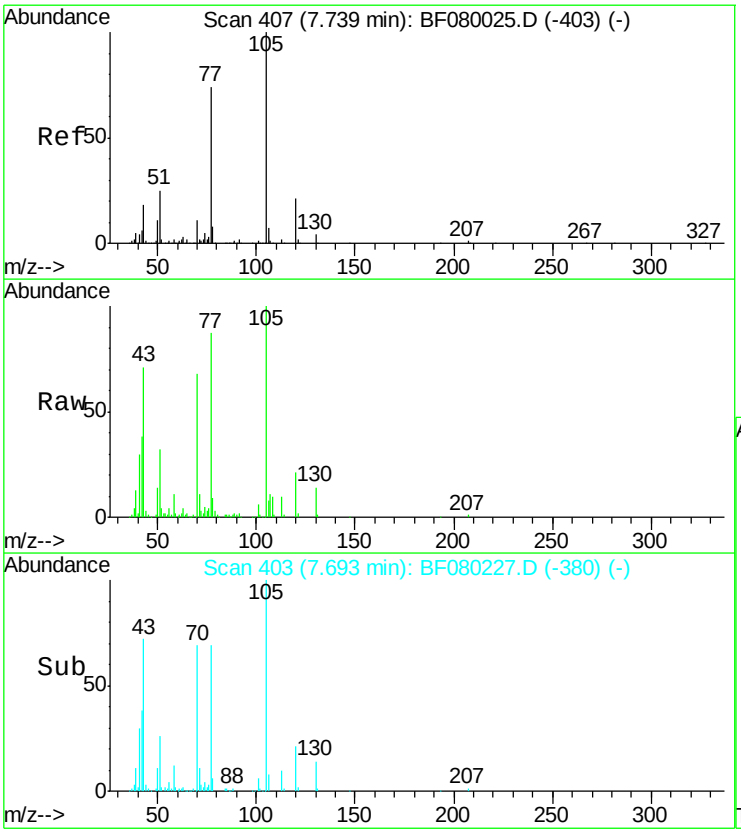
Tgt Ion:136 Resp: 119542

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	10.0	8.2	12.2
68	7.6	5.8	8.6



Instrument :
BNA_F
ClientSampleId :
SOILMSD

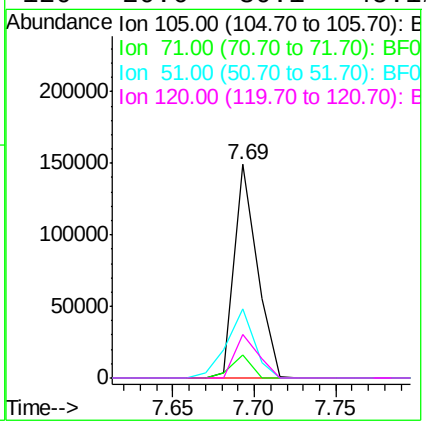
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

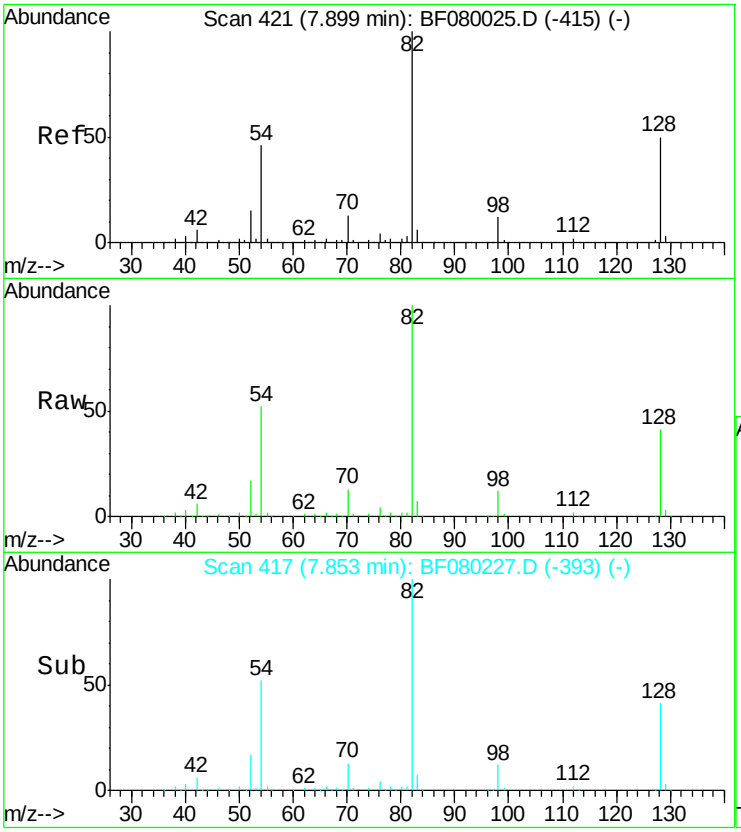


#22
Acetophenone
Concen: 51.67 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:105 Resp: 143931

Ion	Ratio	Lower	Upper
105	100		
71	11.0	4.7	7.1#
51	32.4	22.0	33.0
120	20.6	30.1	45.1#

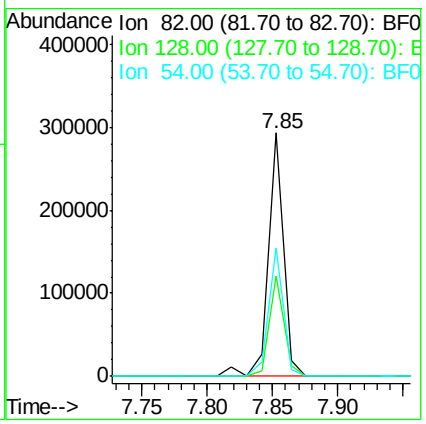




#23
Nitrobenzene-d5
Concen: 117.71 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

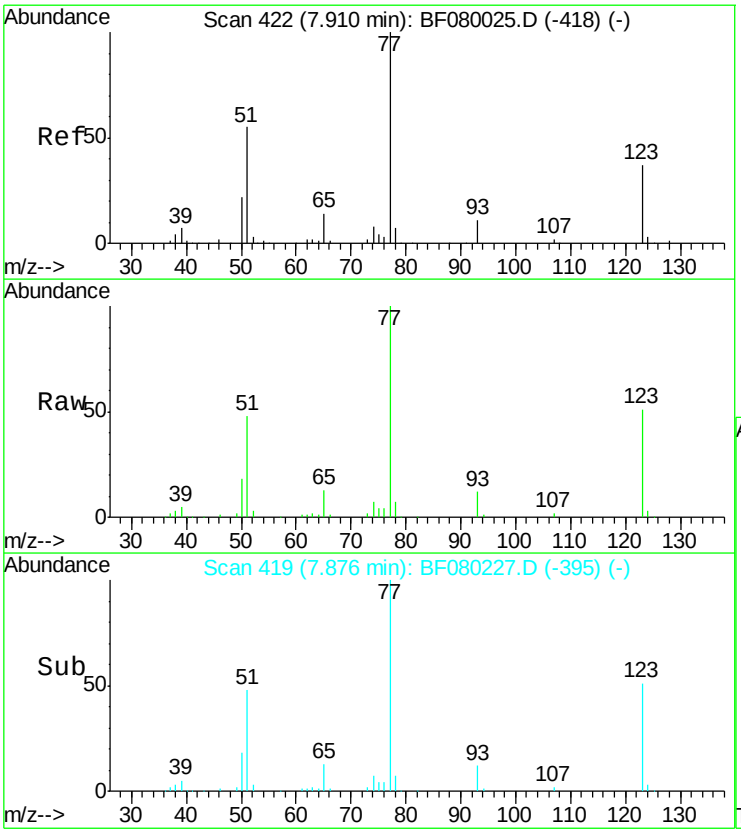
Tgt Ion: 82 Resp: 241712

Ion	Ratio	Lower	Upper
82	100		
128	41.1	51.0	76.6#
54	52.5	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SOILMSD

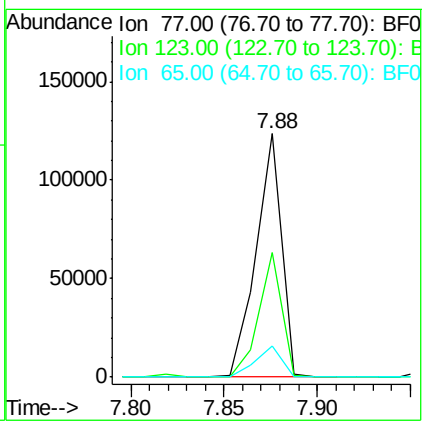
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

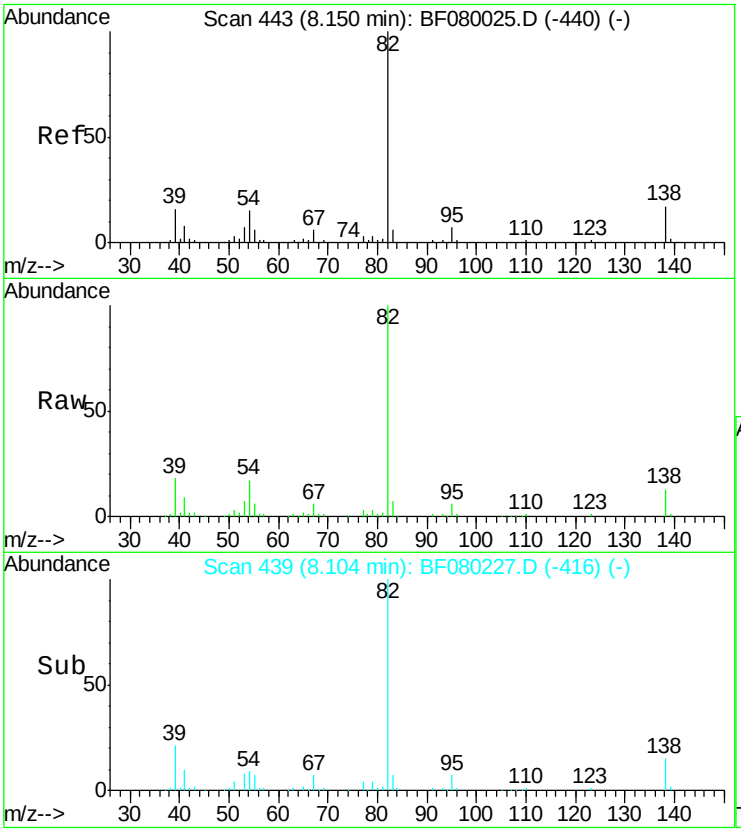


#24
Nitrobenzene
Concen: 54.76 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 77 Resp: 116060

Ion	Ratio	Lower	Upper
77	100		
123	51.3	59.8	89.8#
65	12.6	10.2	15.4

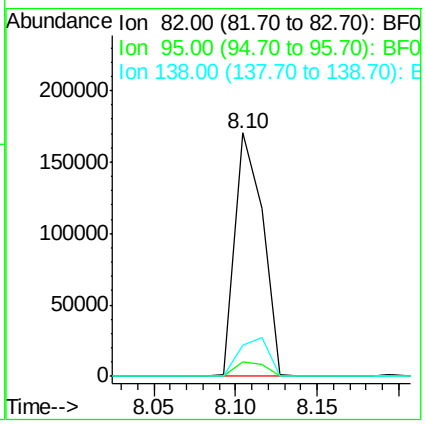




#25
Isophorone
Concen: 48.28 ng
RT: 8.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

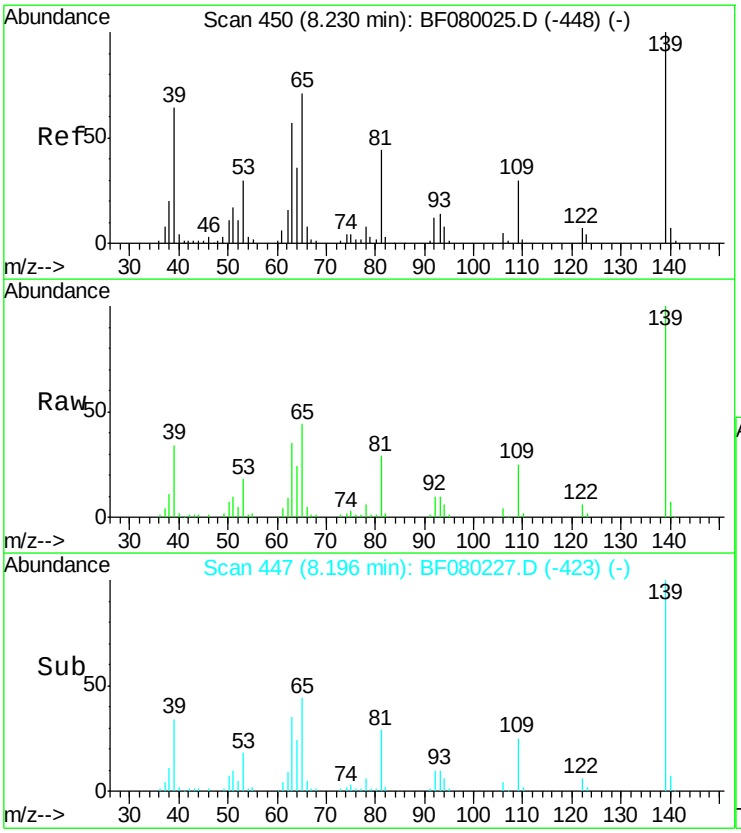
Tgt Ion: 82 Resp: 199505

Ion	Ratio	Lower	Upper
82	100		
95	5.9	4.0	6.0
138	12.9	18.3	27.5#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

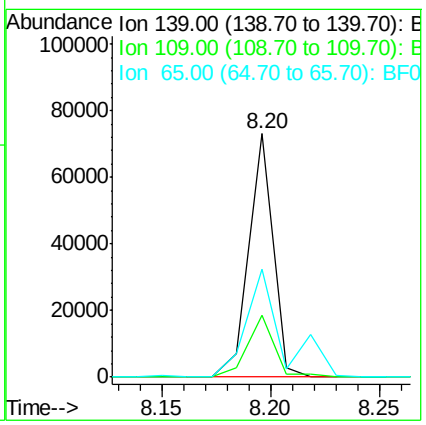
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

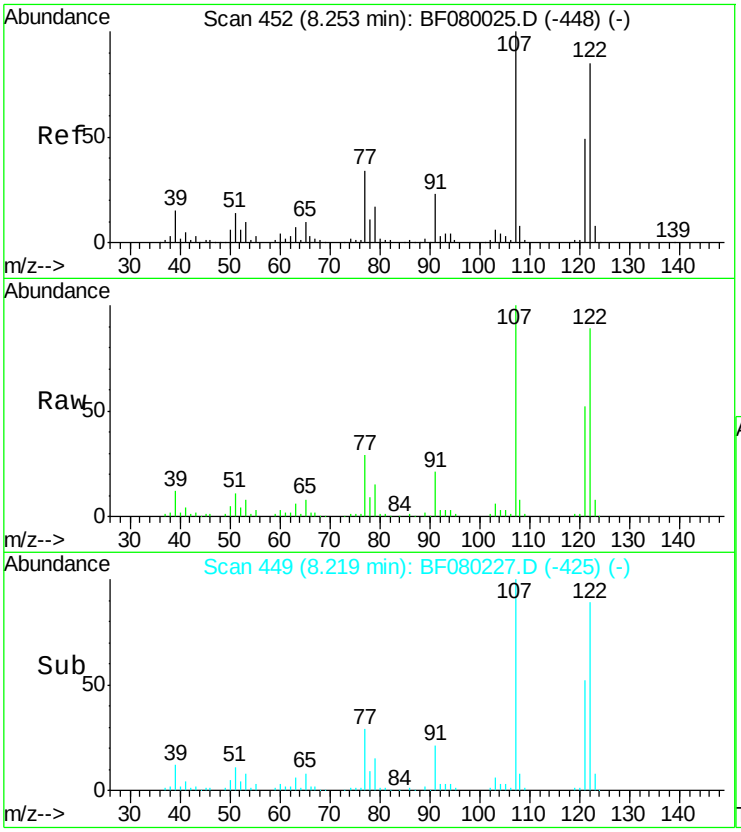


#26
2-Nitrophenol
Concen: 64.14 ng
RT: 8.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:139 Resp: 56898

Ion	Ratio	Lower	Upper
139	100		
109	25.5	11.0	16.4#
65	44.2	24.7	37.1#

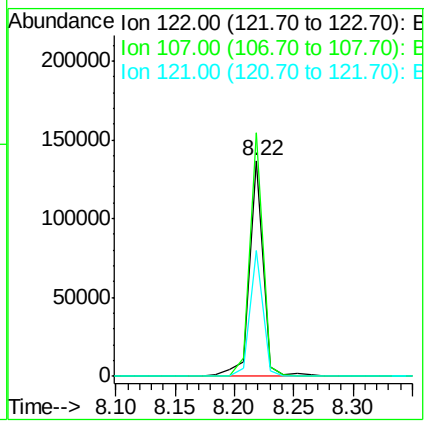




#27
2,4-Dimethylphenol
Concen: 59.65 ng
RT: 8.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

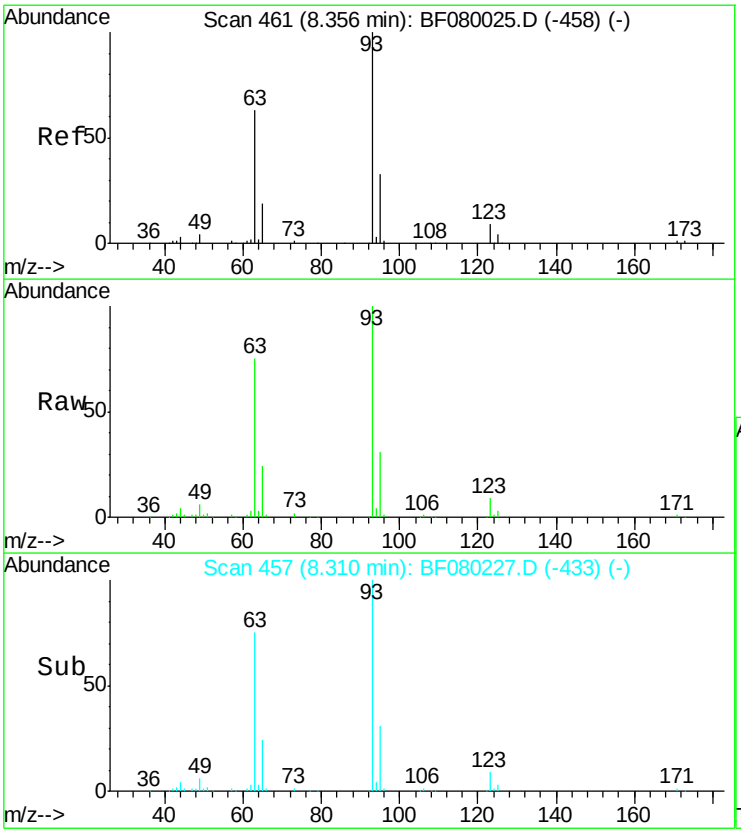
Tgt Ion:122 Resp: 110341

Ion	Ratio	Lower	Upper
122	100		
107	113.0	71.8	107.6#
121	58.3	42.3	63.5



Instrument :
BNA_F
ClientSampleId :
SOILMSD

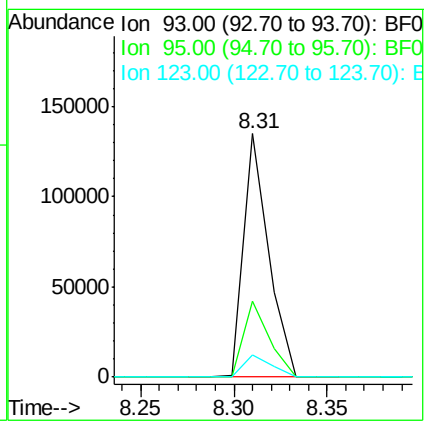
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

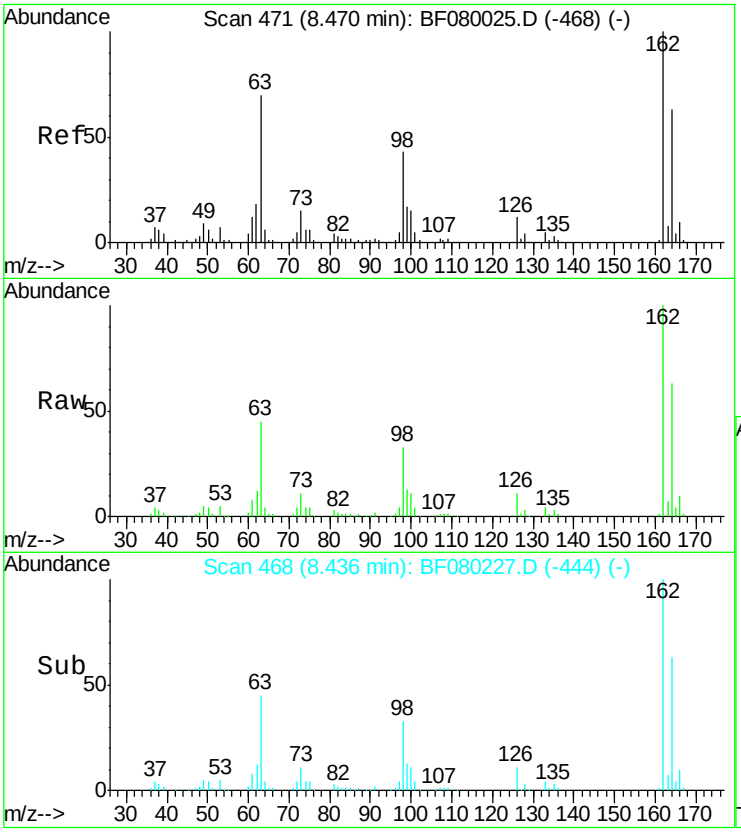


#28
bis(2-Chloroethoxy)methane
Concen: 51.76 ng
RT: 8.31 min Scan# 457
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 93 Resp: 125672

Ion	Ratio	Lower	Upper
93	100		
95	31.4	27.5	41.3
123	9.3	13.7	20.5#

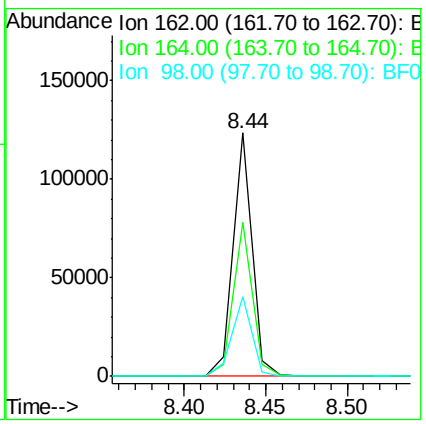




#29
2,4-Dichlorophenol
Concen: 62.18 ng
RT: 8.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

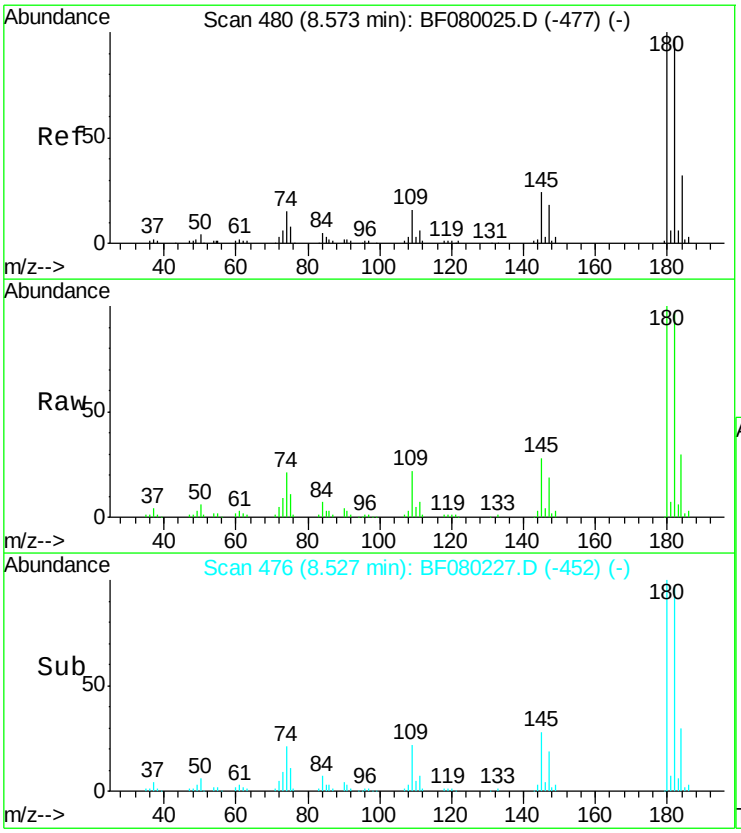
Tgt Ion:162 Resp: 98501

Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.9	84.9
98	32.7	13.0	53.0



Instrument :
BNA_F
ClientSampleId :
SOILMSD

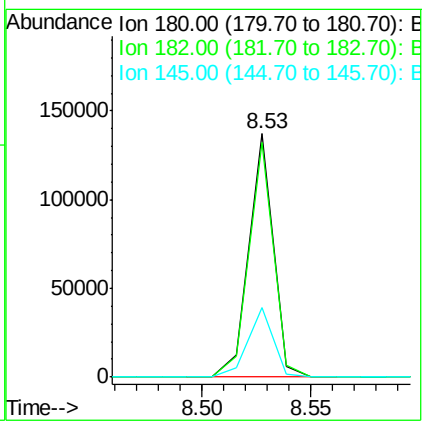
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

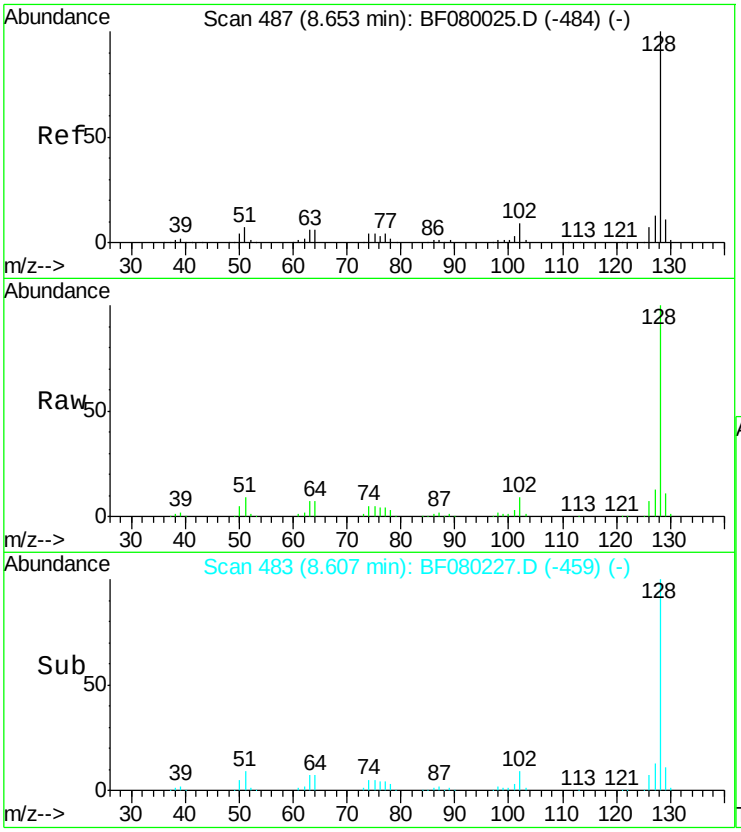


#30
1,2,4-Trichlorobenzene
Concen: 59.62 ng
RT: 8.53 min Scan# 476
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:180 Resp: 107268

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.1	115.7
145	28.4	23.3	34.9

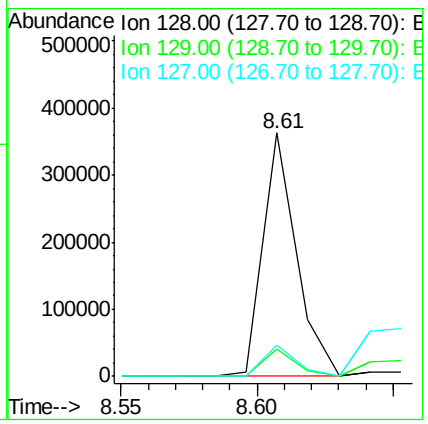




#31
Naphthalene
Concen: 49.98 ng m
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

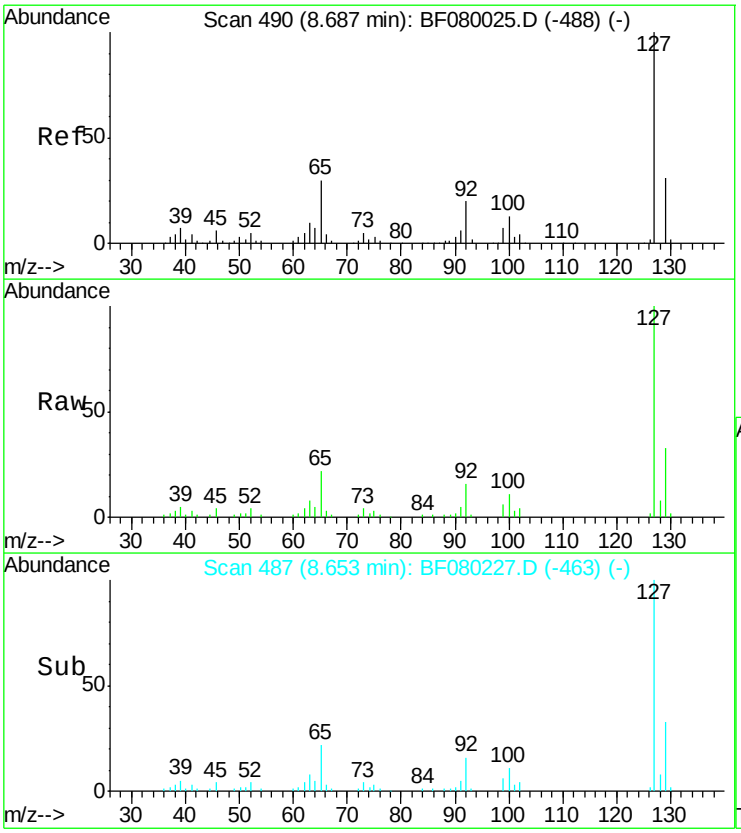
Tgt Ion:128 Resp: 312399

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.4	12.6
127	12.8	9.9	14.9



Instrument :
BNA_F
ClientSampleId :
SOILMSD

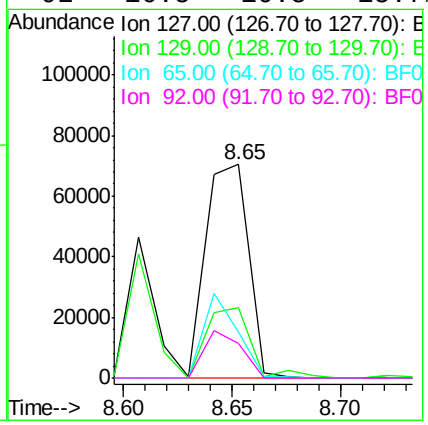
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

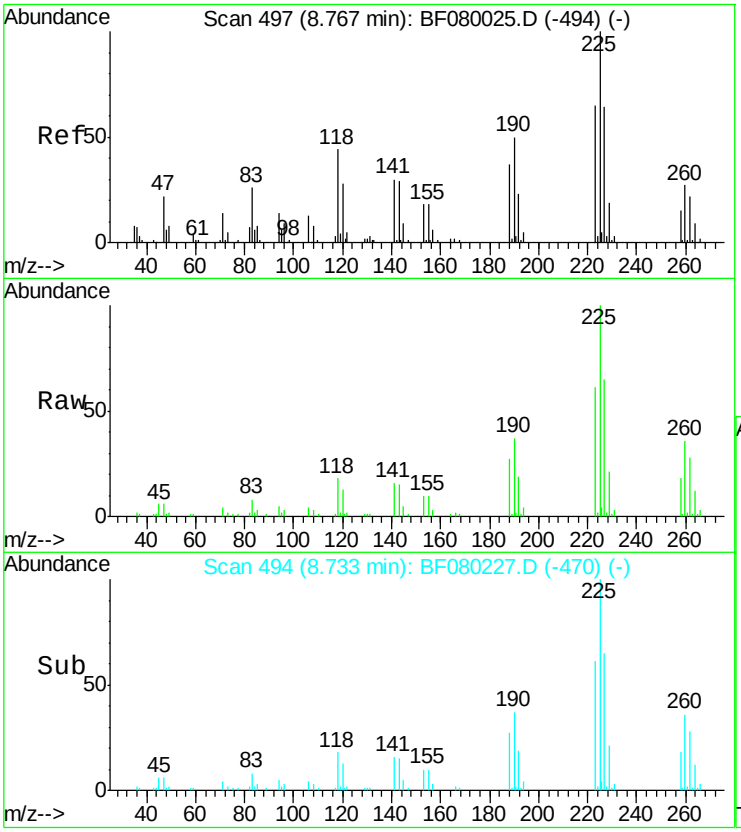


#33
4-Chloroaniline
Concen: 35.83 ng
RT: 8.65 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:127 Resp: 95851

Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.8	38.6
65	21.9	17.9	26.9
92	16.5	10.5	15.7#

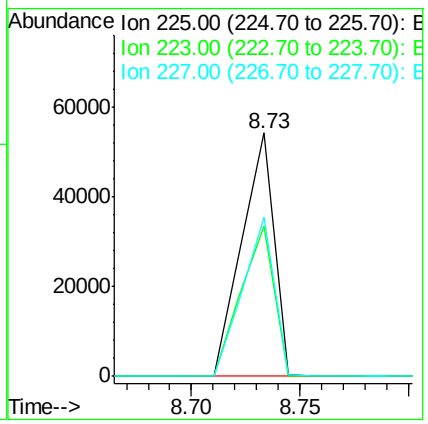




#34
Hexachlorobutadiene
Concen: 50.39 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

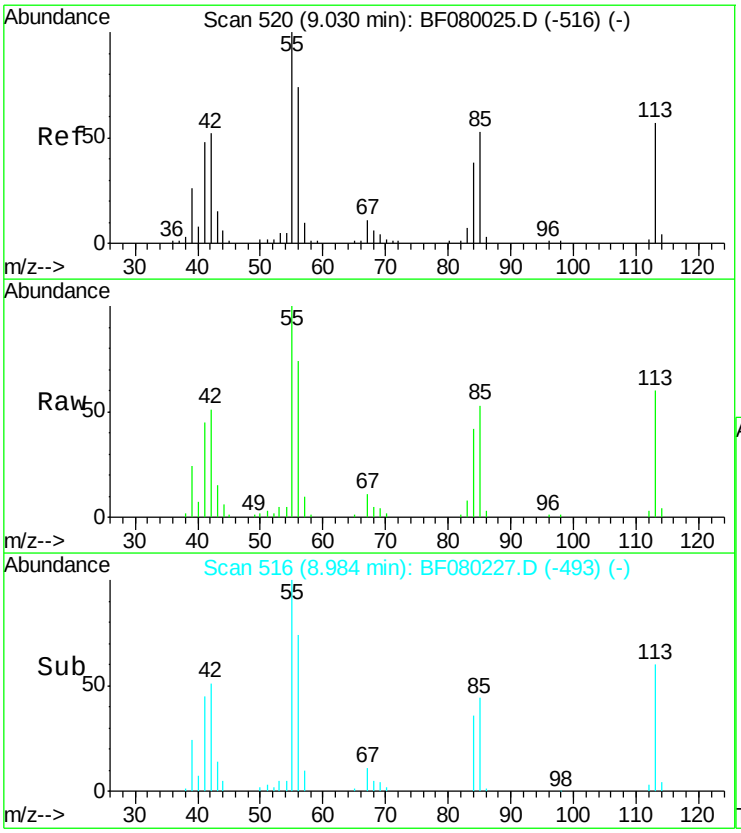
Tgt Ion:225 Resp: 55824

Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	65.4	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
SOILMSD

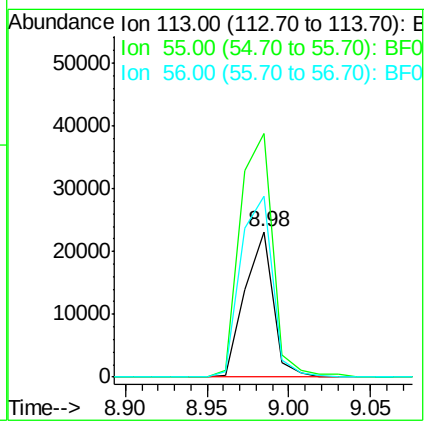
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

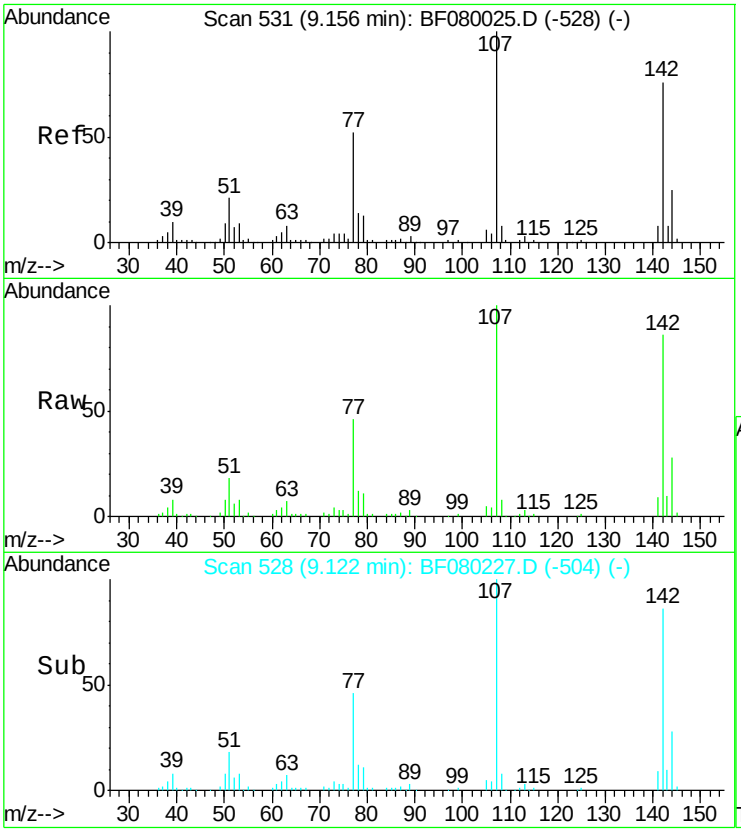


#35
Caprolactam
Concen: 53.81 ng
RT: 8.98 min Scan# 516
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:113 Resp: 27670

Ion	Ratio	Lower	Upper
113	100		
55	167.6	152.4	192.4
56	124.3	104.6	144.6

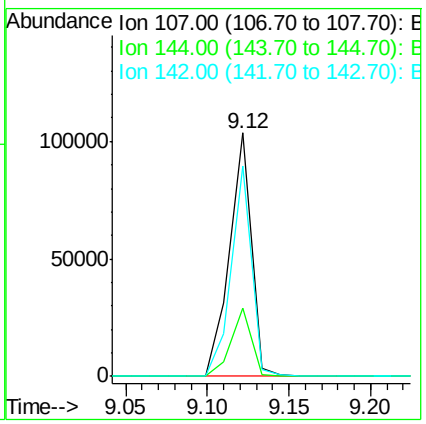




#36
4-Chloro-3-methylphenol
Concen: 53.34 ng
RT: 9.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

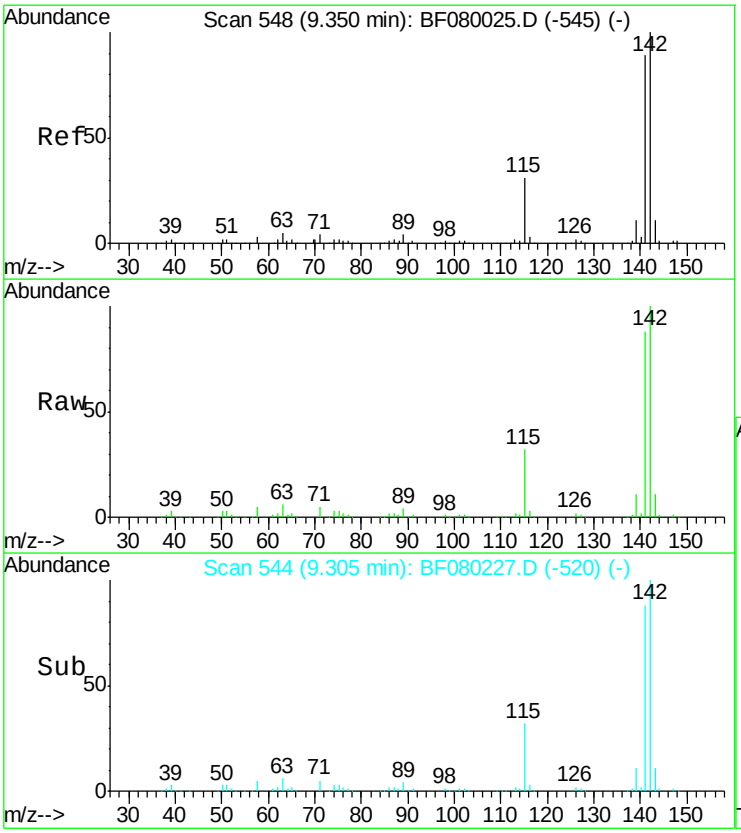
Tgt Ion:107 Resp: 95311

Ion	Ratio	Lower	Upper
107	100		
144	28.1	25.4	38.0
142	86.3	77.3	115.9



Instrument :
BNA_F
ClientSampleId :
SOILMSD

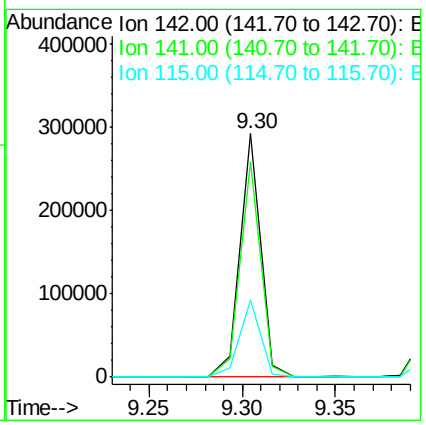
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

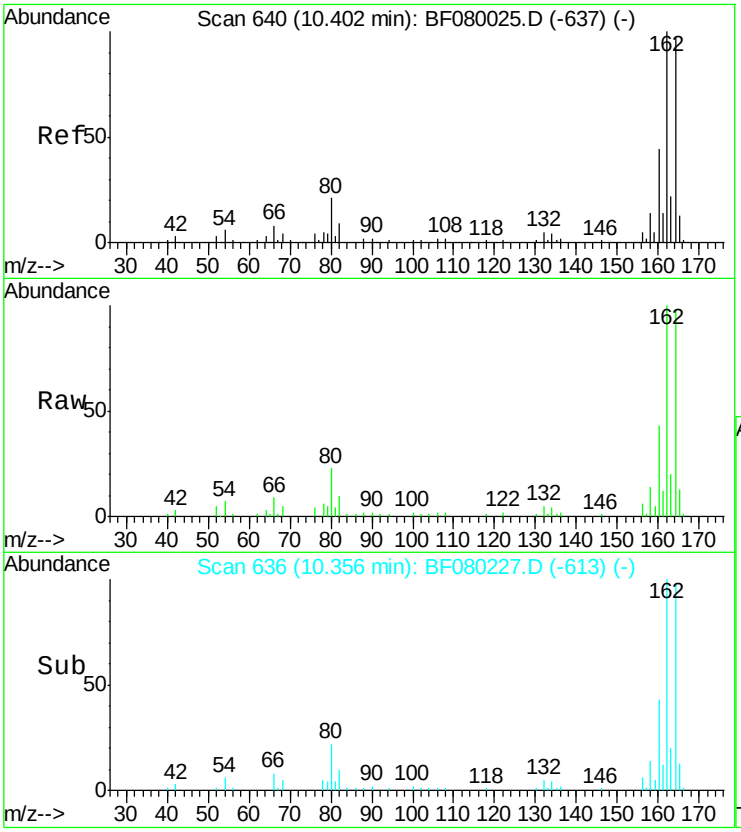


#37
2-Methylnaphthalene
Concen: 56.37 ng
RT: 9.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:142 Resp: 227879

Ion	Ratio	Lower	Upper
142	100		
141	88.3	67.5	101.3
115	31.9	18.2	27.2#

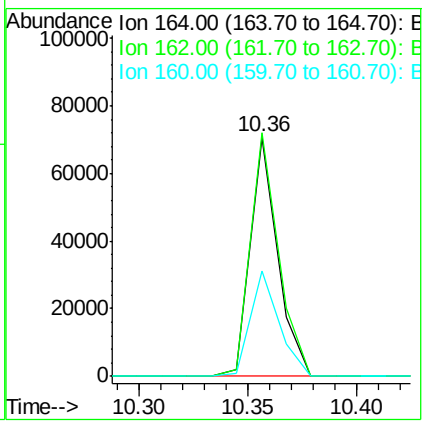




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

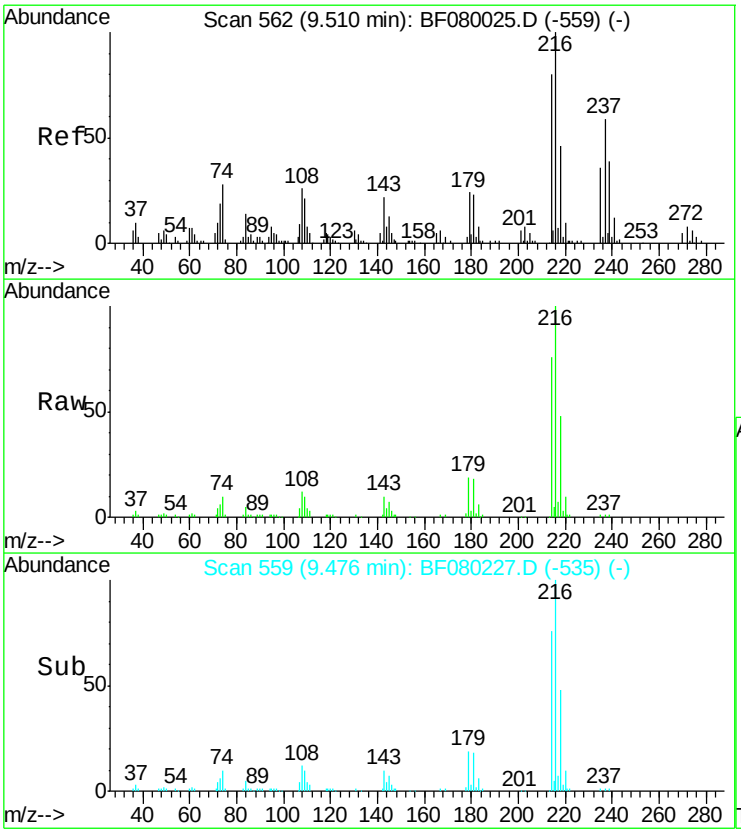
Tgt Ion:164 Resp: 61881

Ion	Ratio	Lower	Upper
164	100		
162	101.9	75.2	112.8
160	44.3	31.5	47.3



Instrument :
BNA_F
ClientSampleId :
SOILMSD

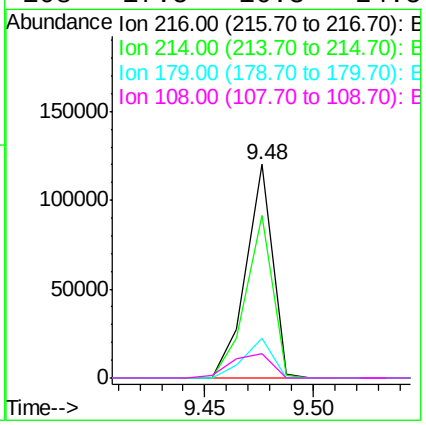
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

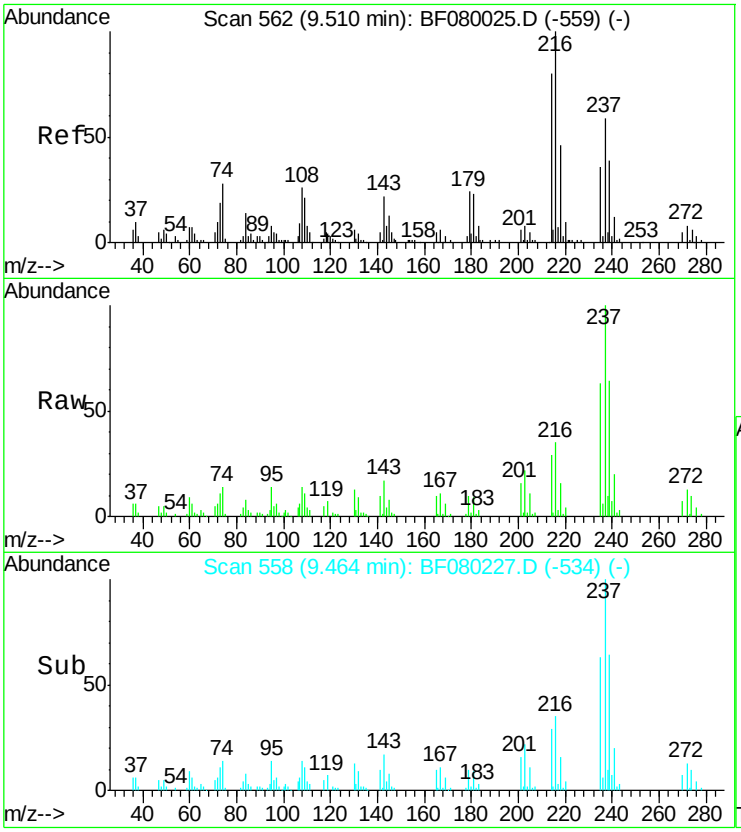


#39
1,2,4,5-Tetrachlorobenzene
Concen: 57.09 ng
RT: 9.48 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:216 Resp: 102805

Ion	Ratio	Lower	Upper
216	100		
214	77.2	63.5	95.3
179	20.3	16.6	24.8
108	17.5	16.3	24.5

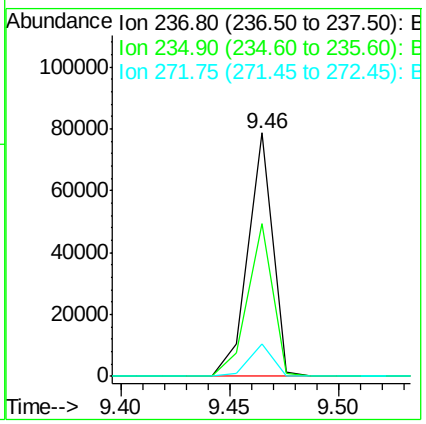




#40
Hexachlorocyclopentadiene
Concen: 67.95 ng
RT: 9.46 min Scan# 558
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

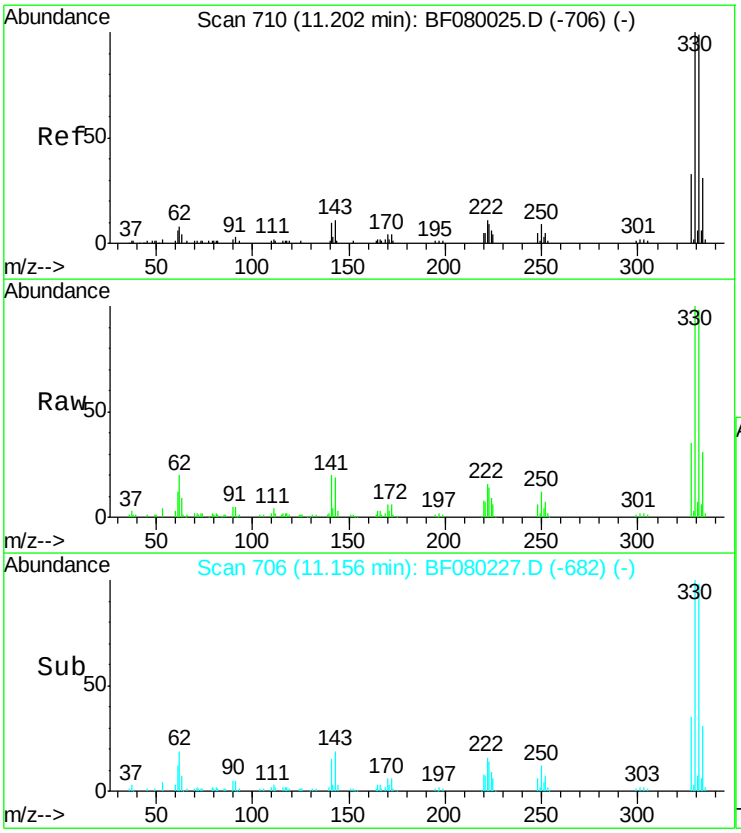
Tgt Ion:237 Resp: 62015

Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.0	82.0
272	13.4	0.0	36.1



Instrument :
BNA_F
ClientSampleId :
SOILMSD

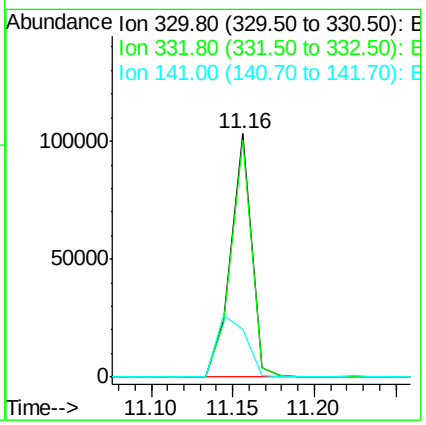
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

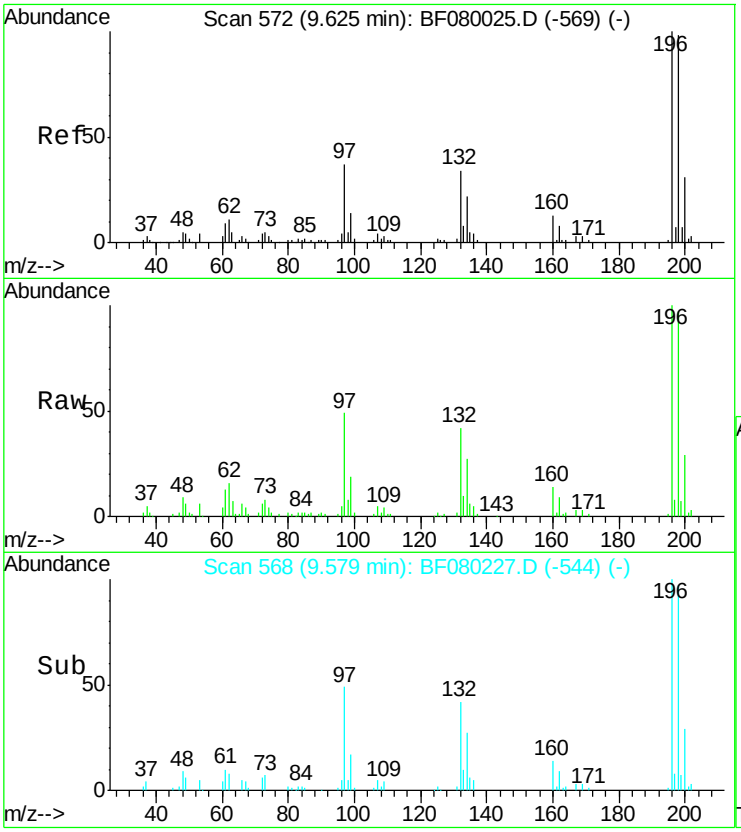


#41
2,4,6-Tribromophenol
Concen: 149.82 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:330 Resp: 90654

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	114.8
141	35.7	29.7	44.5

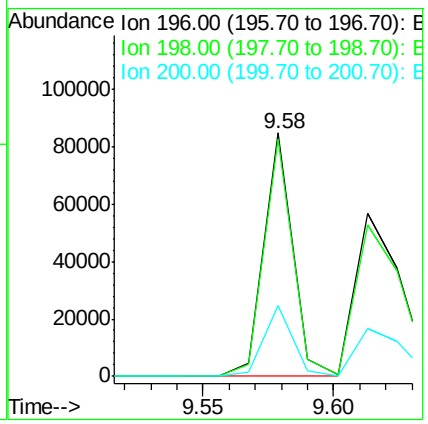




#42
2,4,6-Trichlorophenol
Concen: 53.88 ng
RT: 9.58 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

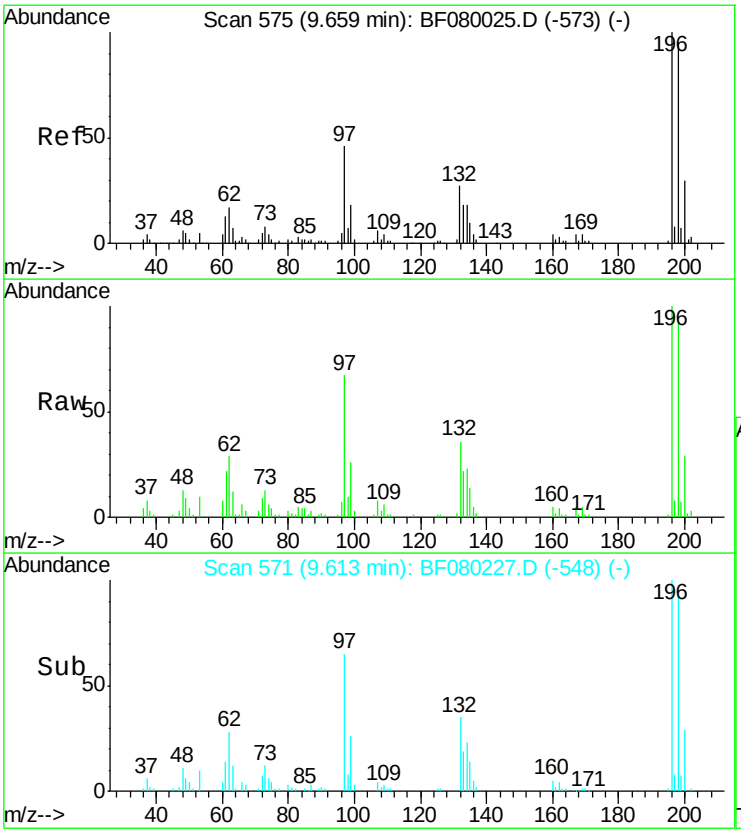
Tgt Ion:196 Resp: 66012

Ion	Ratio	Lower	Upper
196	100		
198	97.2	75.7	113.5
200	29.2	23.9	35.9



Instrument :
BNA_F
ClientSampleId :
SOILMSD

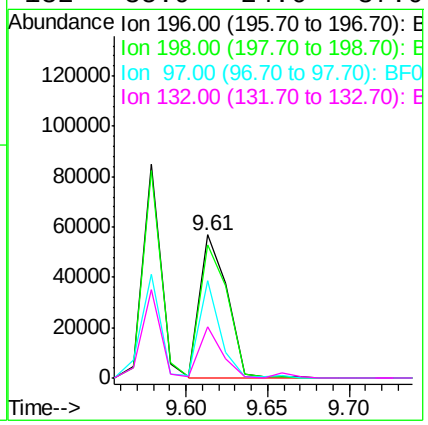
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

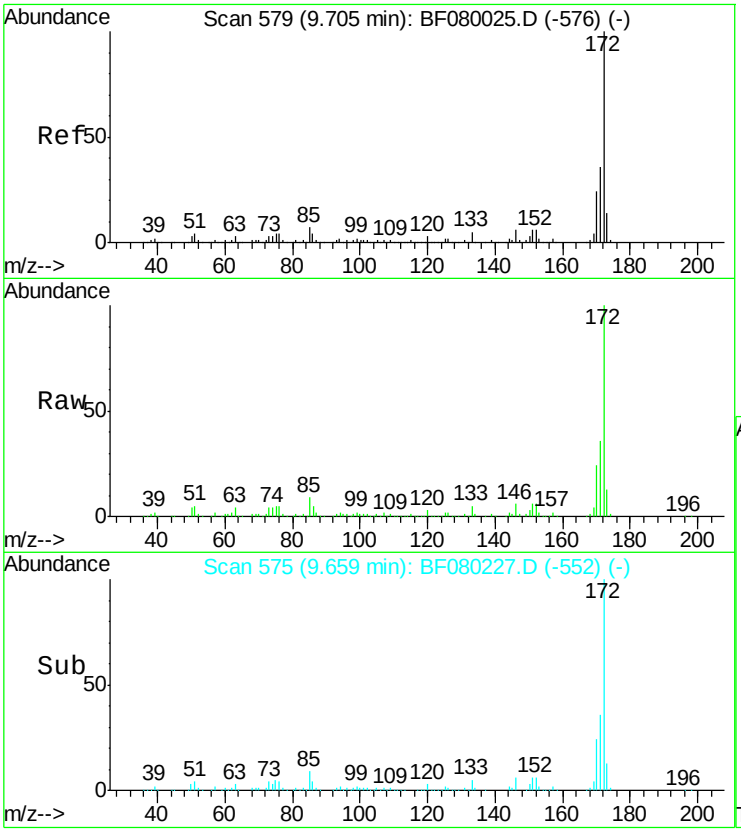


#43
2,4,5-Trichlorophenol
Concen: 47.44 ng
RT: 9.61 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:196 Resp: 66968

Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.4	113.0
97	67.5	33.3	49.9#
132	35.9	24.6	37.0

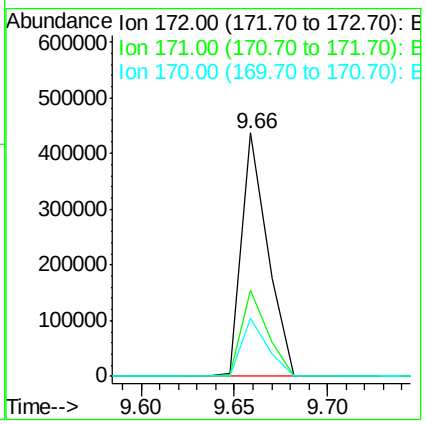




#44
2-Fluorobiphenyl
Concen: 97.76 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

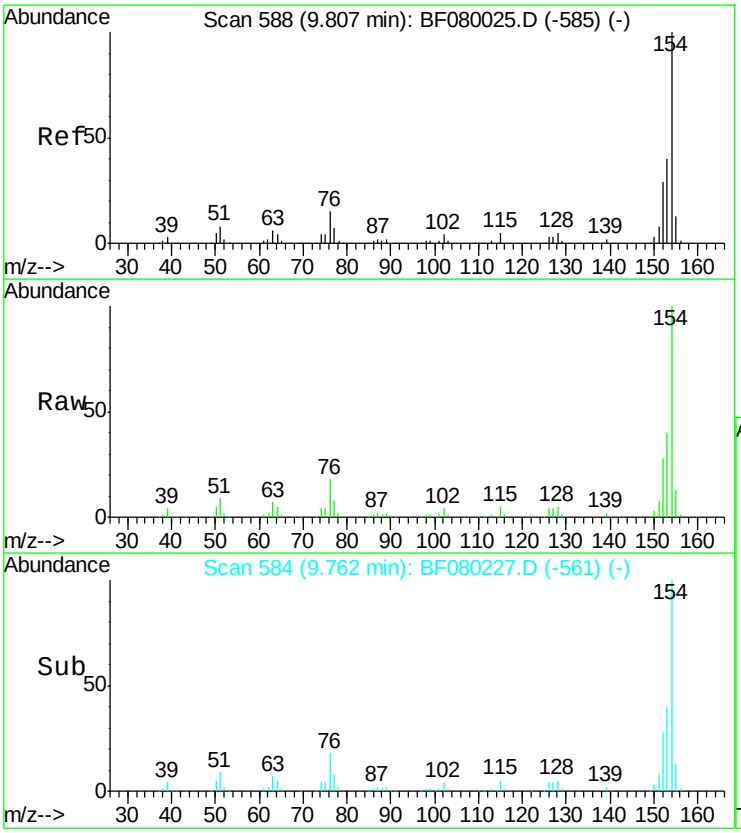
Tgt Ion:172 Resp: 424212

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.0	17.4	26.2



Instrument :
BNA_F
ClientSampleId :
SOILMSD

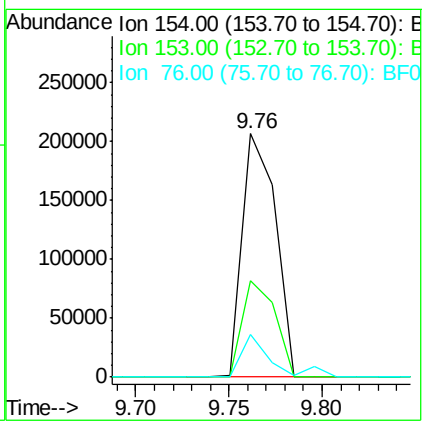
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

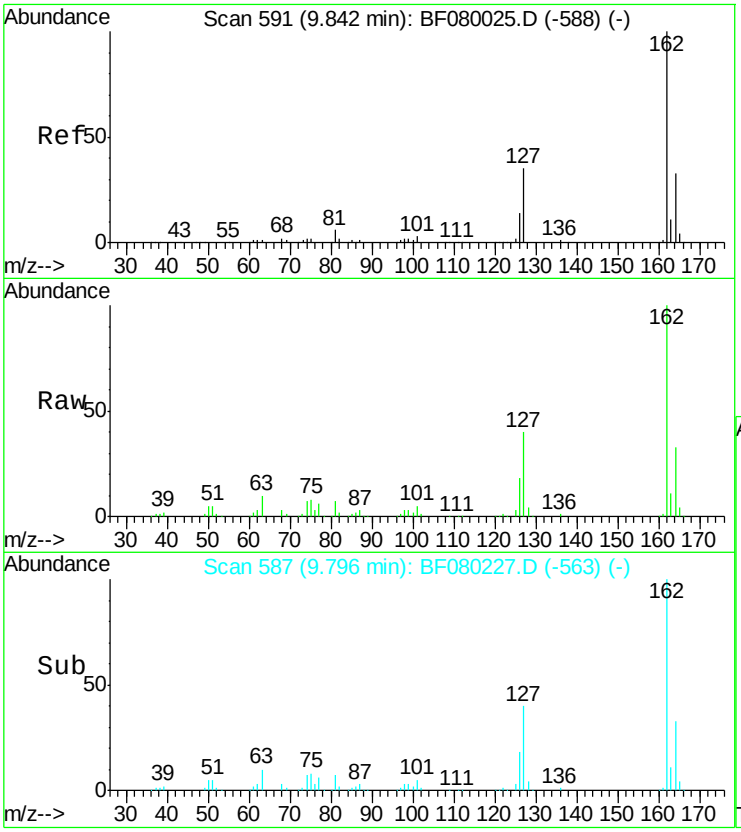


#45
1,1'-Biphenyl
Concen: 50.62 ng
RT: 9.76 min Scan# 584
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:154 Resp: 254867

Ion	Ratio	Lower	Upper
154	100		
153	39.6	17.1	57.1
76	17.6	0.0	31.6

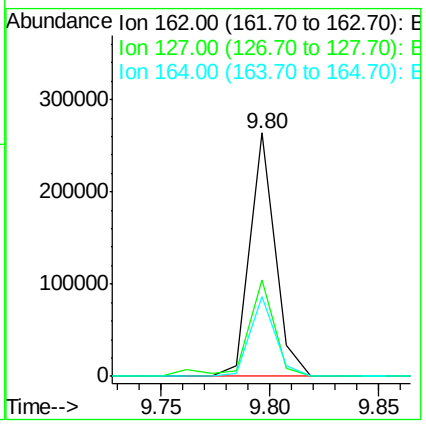




#46
2-Chloronaphthalene
Concen: 51.76 ng
RT: 9.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

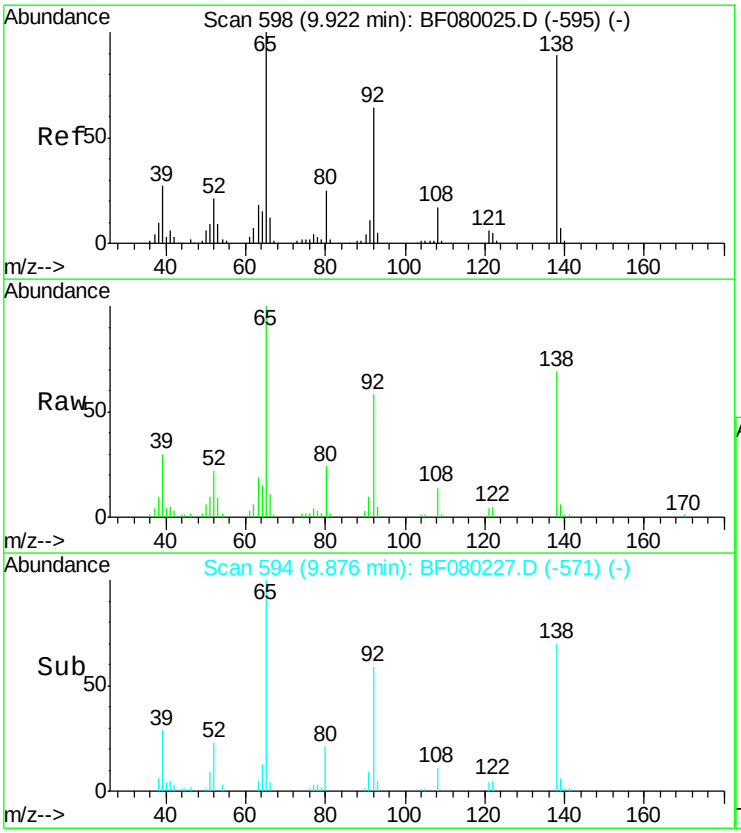
Tgt Ion:162 Resp: 211462

Ion	Ratio	Lower	Upper
162	100		
127	39.9	27.6	41.4
164	32.5	25.4	38.2



Instrument :
BNA_F
ClientSampleId :
SOILMSD

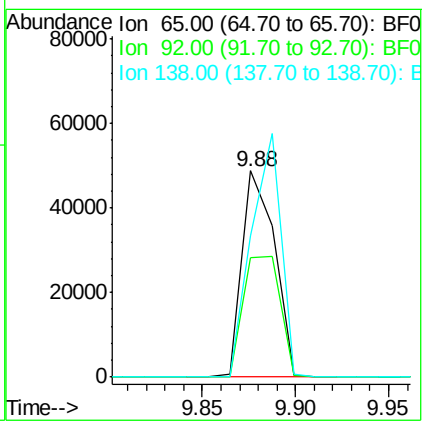
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

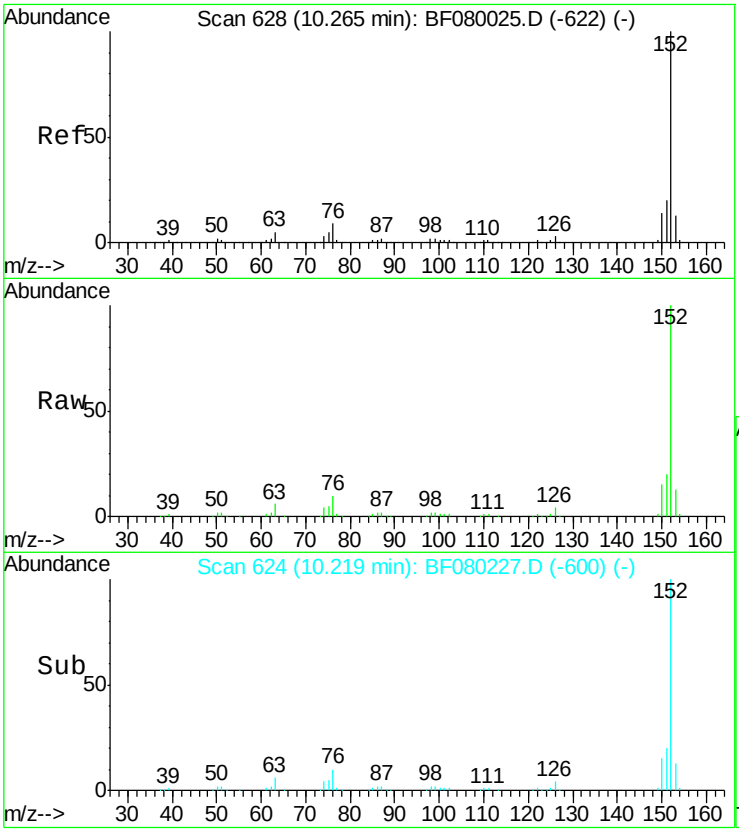


#47
2-Nitroaniline
Concen: 52.45 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion: 65 Resp: 58816

Ion	Ratio	Lower	Upper
65	100		
92	58.0	55.4	83.0
138	68.8	115.5	173.3#

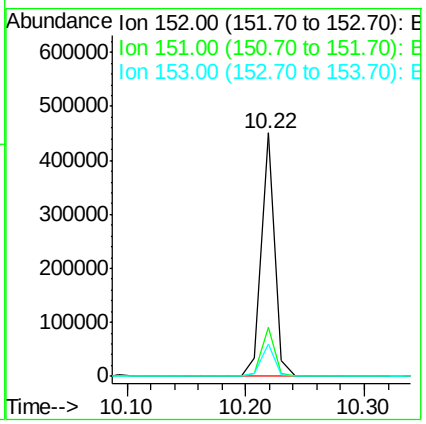




#48
Acenaphthylene
Concen: 51.96 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

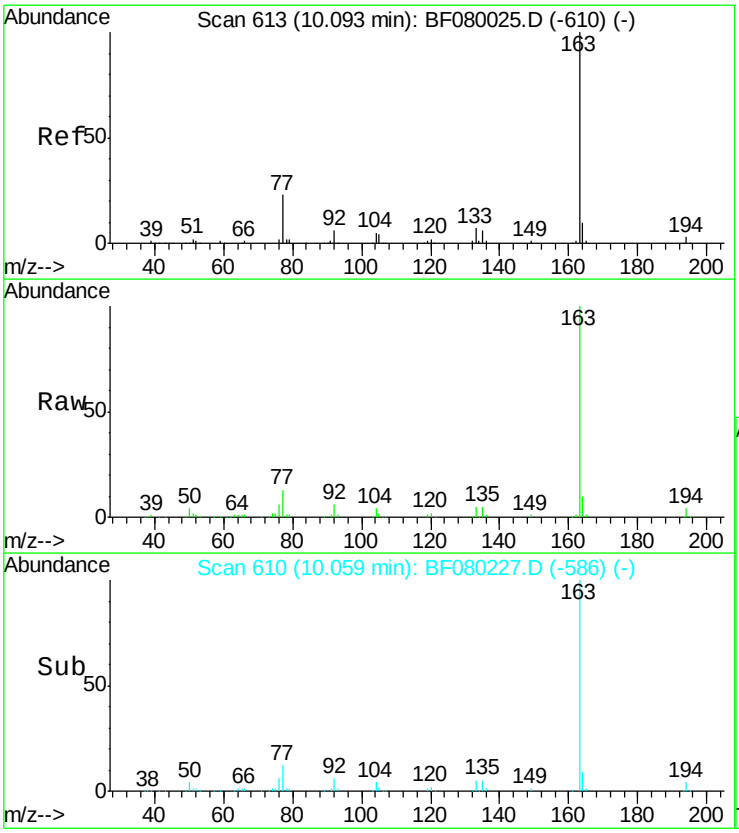
Tgt Ion:152 Resp: 354276

Ion	Ratio	Lower	Upper
152	100		
151	20.3	14.6	22.0
153	13.5	10.3	15.5



Instrument :
BNA_F
ClientSampleId :
SOILMSD

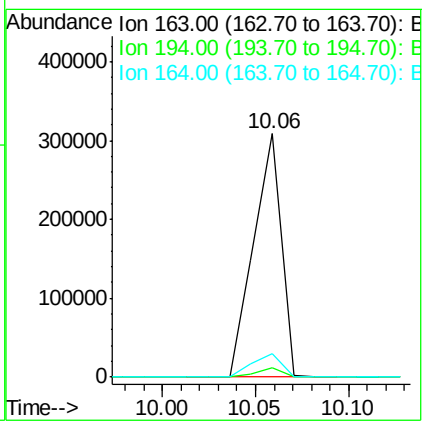
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

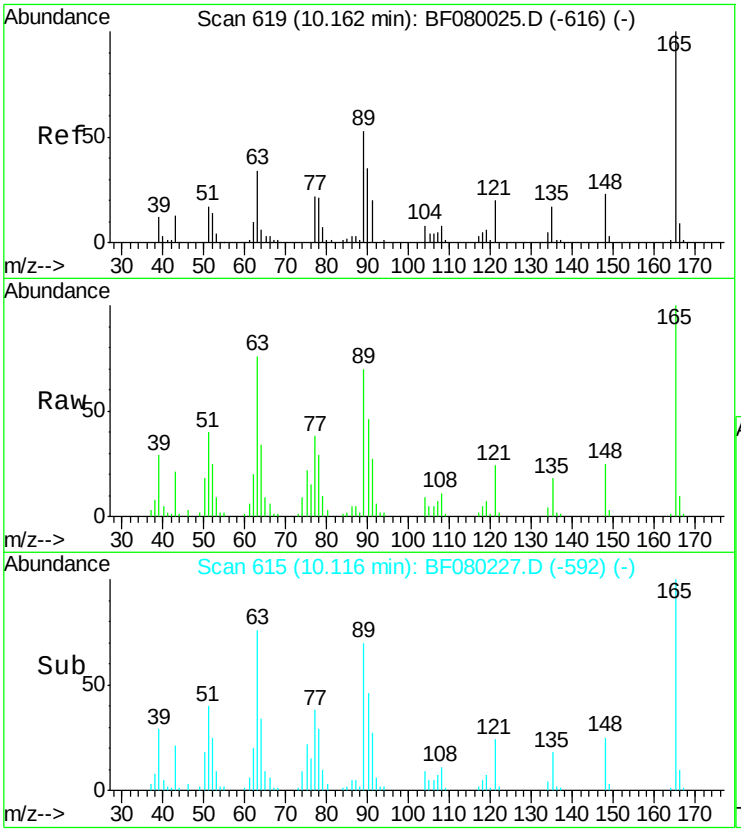


#49
Dimethylphthalate
Concen: 67.76 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:163 Resp: 315237

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	9.8	8.3	12.5

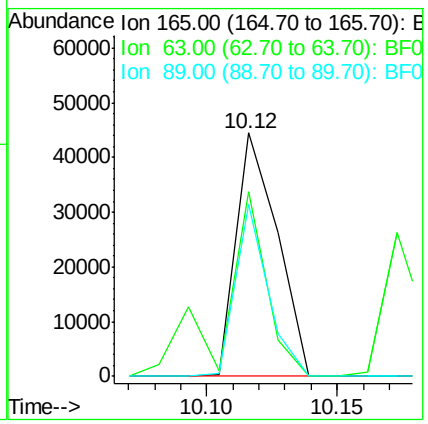




#50
2,6-Dinitrotoluene
Concen: 52.36 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

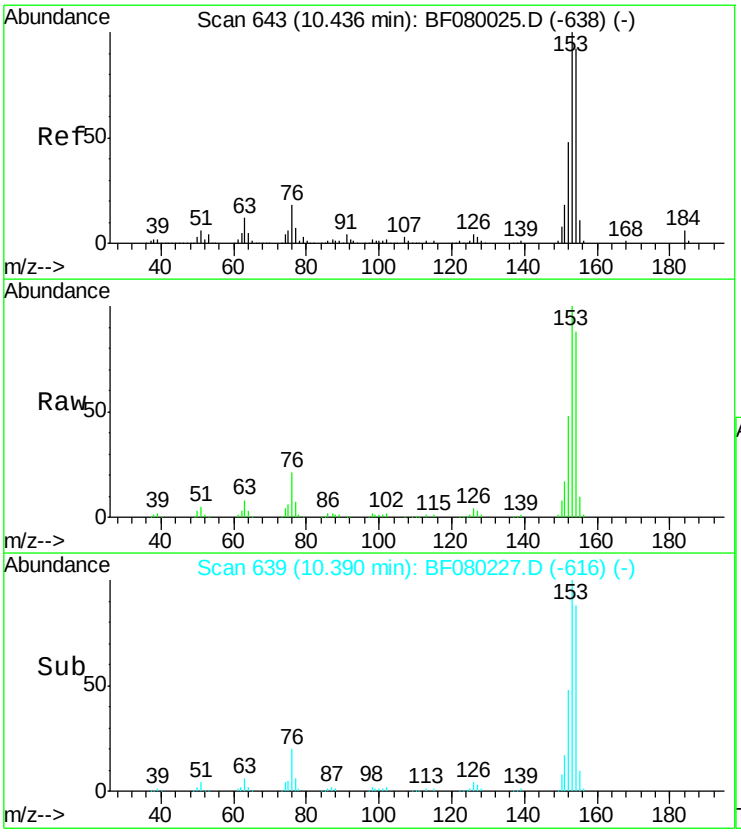
Tgt Ion:165 Resp: 48830

Ion	Ratio	Lower	Upper
165	100		
63	75.6	32.3	48.5#
89	70.5	28.6	43.0#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

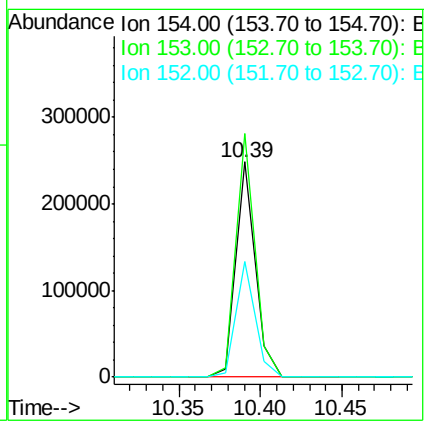
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

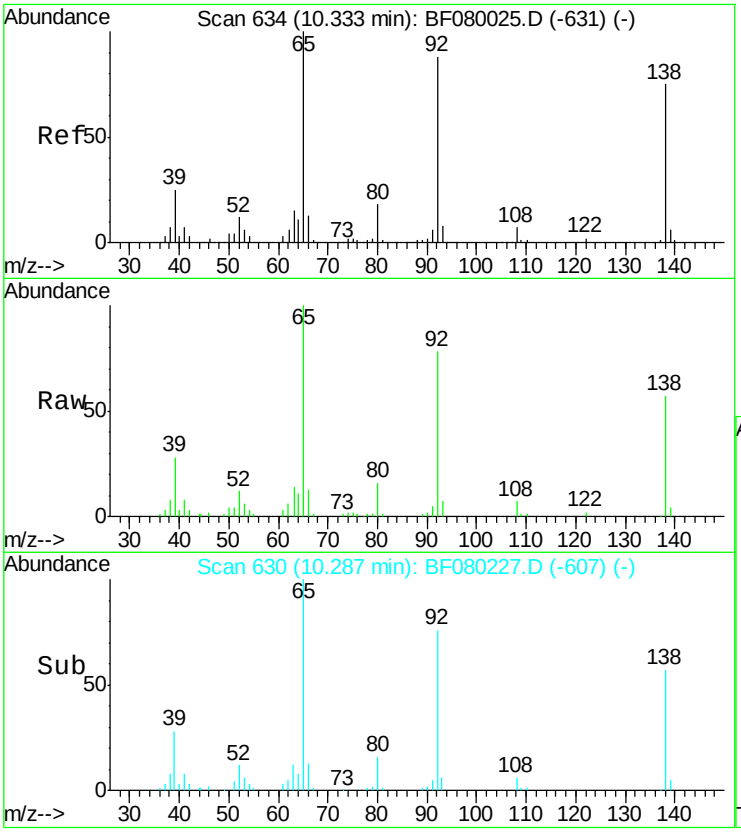


#51
Acenaphthene
Concen: 48.54 ng
RT: 10.39 min Scan# 639
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:154 Resp: 202468

Ion	Ratio	Lower	Upper
154	100		
153	113.2	82.1	123.1
152	54.1	37.9	56.9

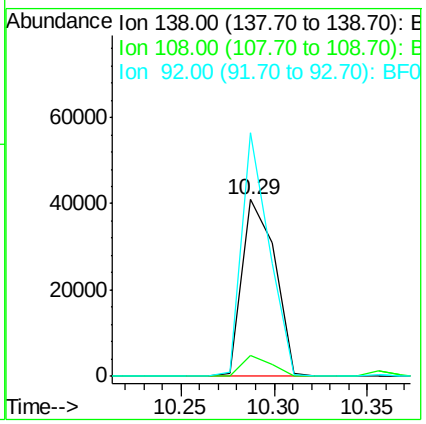




#52
3-Nitroaniline
Concen: 46.50 ng
RT: 10.29 min Scan# 630
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

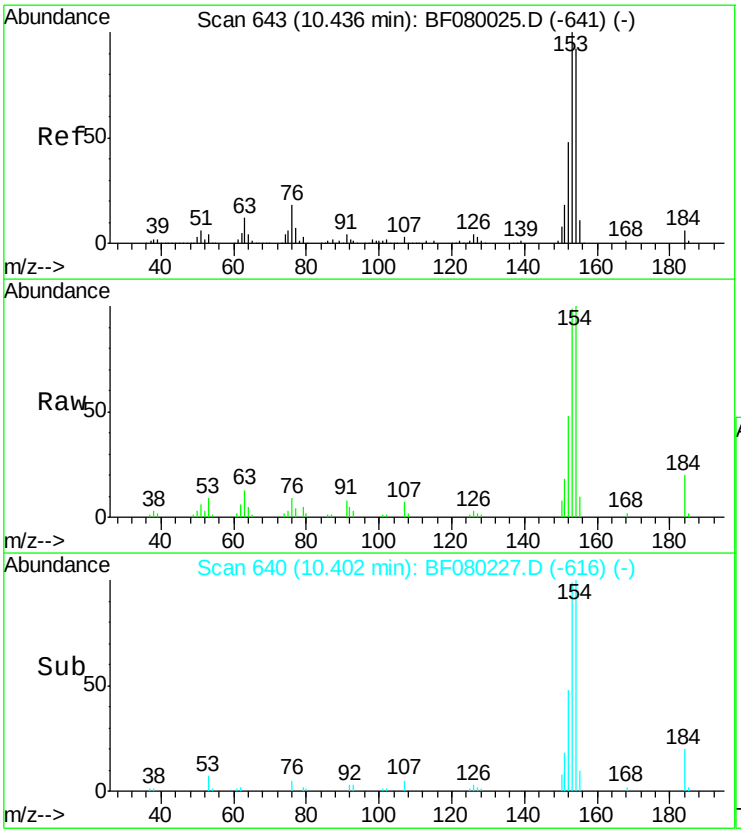
Tgt Ion:138 Resp: 50042

Ion	Ratio	Lower	Upper
138	100		
108	12.1	5.7	8.5#
92	137.7	67.7	101.5#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

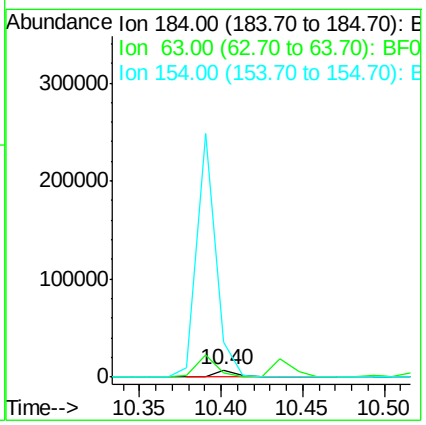
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

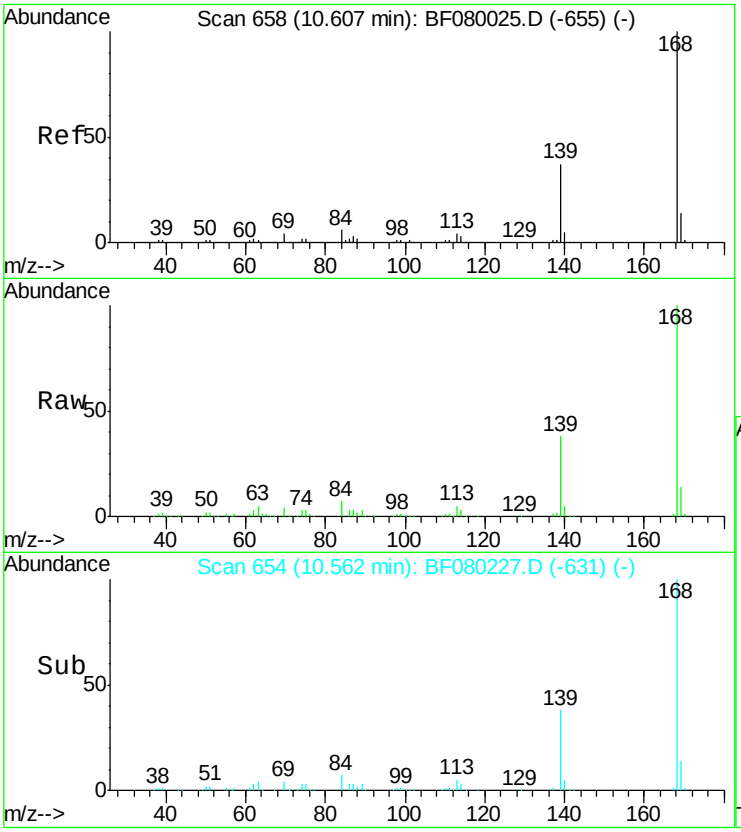


#53
2,4-Dinitrophenol
Concen: 21.32 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:184 Resp: 6341

Ion	Ratio	Lower	Upper
184	100		
63	65.6	35.4	53.2#
154	492.9	32.2	48.4#

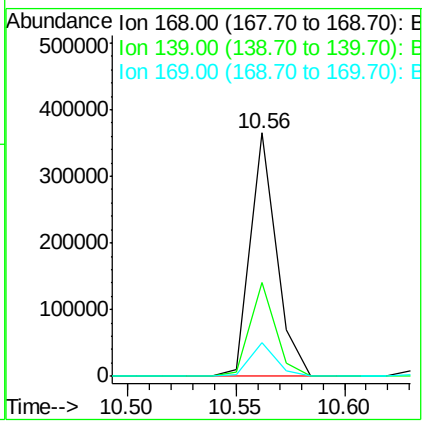




#54
Dibenzofuran
Concen: 51.63 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

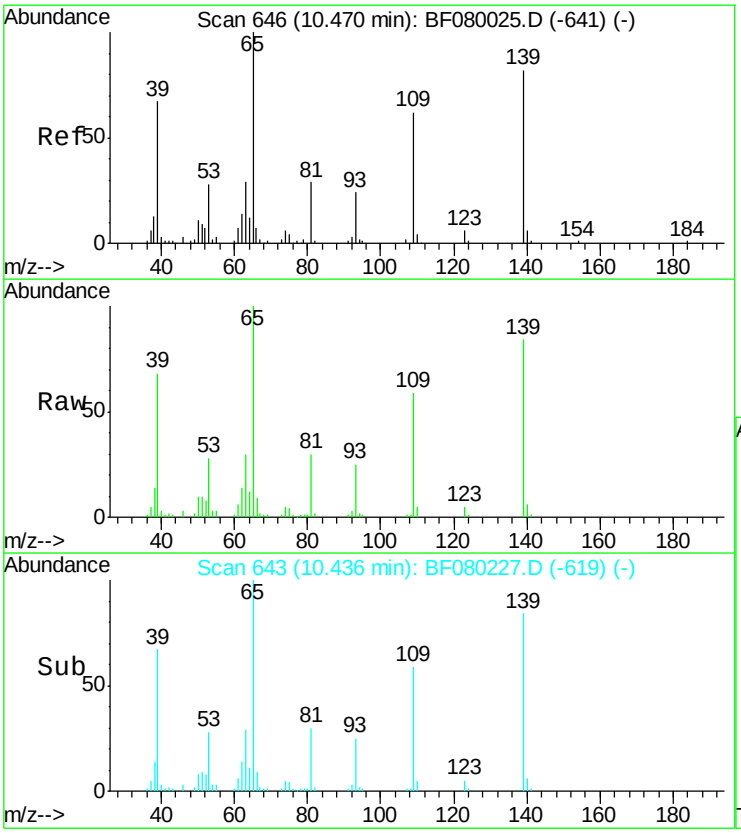
Tgt Ion:168 Resp: 305607

Ion	Ratio	Lower	Upper
168	100		
139	38.3	24.2	36.2#
169	13.7	10.6	15.8



Instrument :
BNA_F
ClientSampleId :
SOILMSD

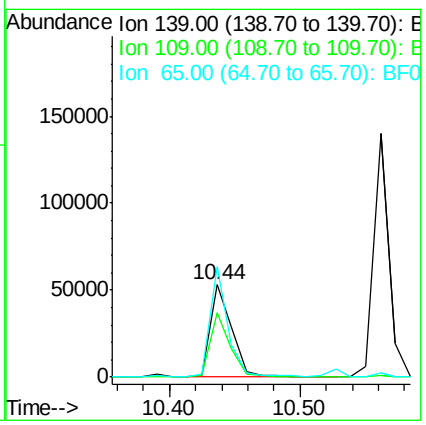
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

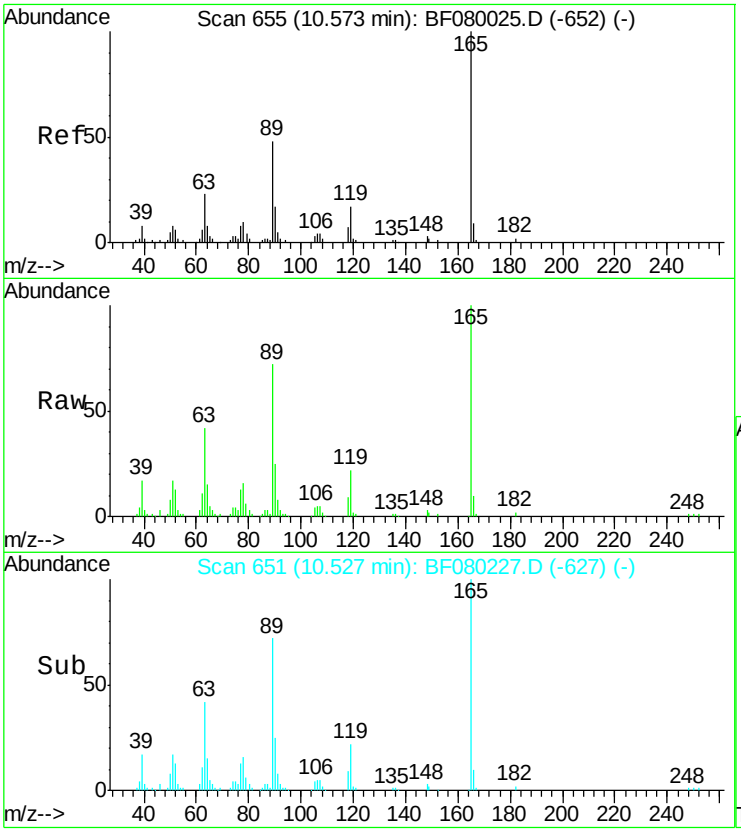


#55
4-Nitrophenol
Concen: 70.95 ng
RT: 10.44 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:139 Resp: 61029

Ion	Ratio	Lower	Upper
139	100		
109	70.2	12.7	52.7#
65	119.3	45.9	85.9#

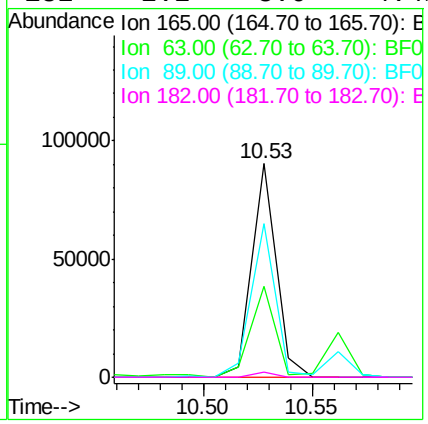




#56
2,4-Dinitrotoluene
Concen: 59.39 ng
RT: 10.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

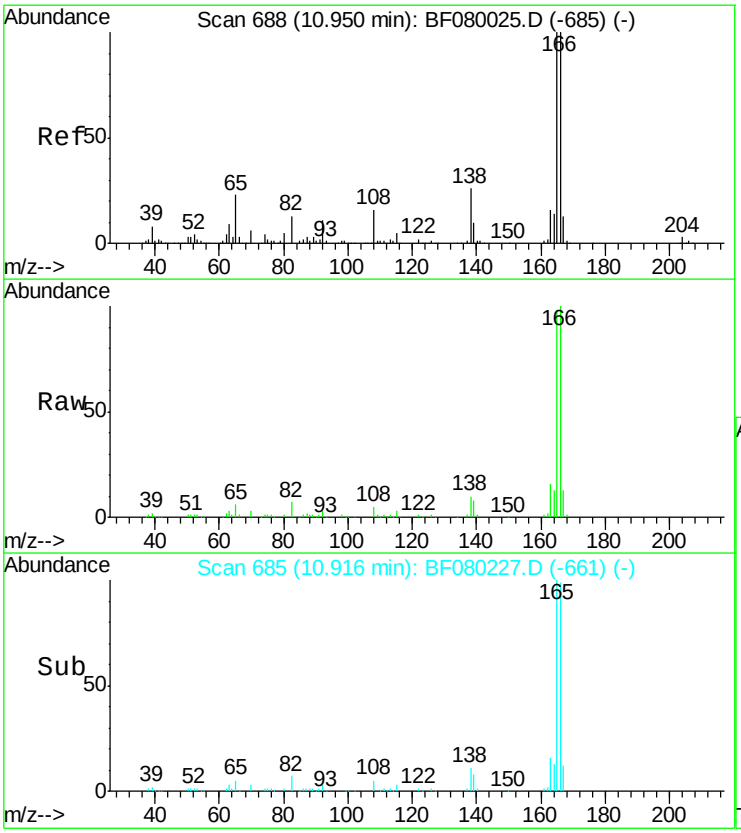
Tgt Ion:165 Resp: 70287

Ion	Ratio	Lower	Upper
165	100		
63	42.3	29.8	44.6
89	72.2	44.5	66.7#
182	2.2	3.0	4.4#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

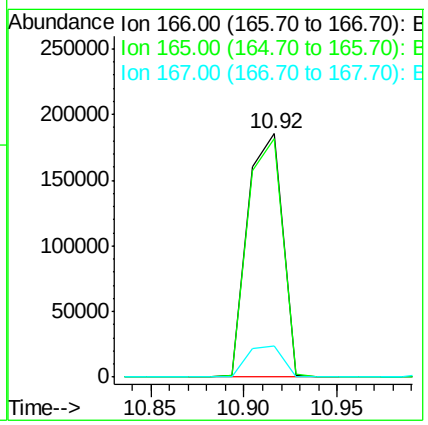
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

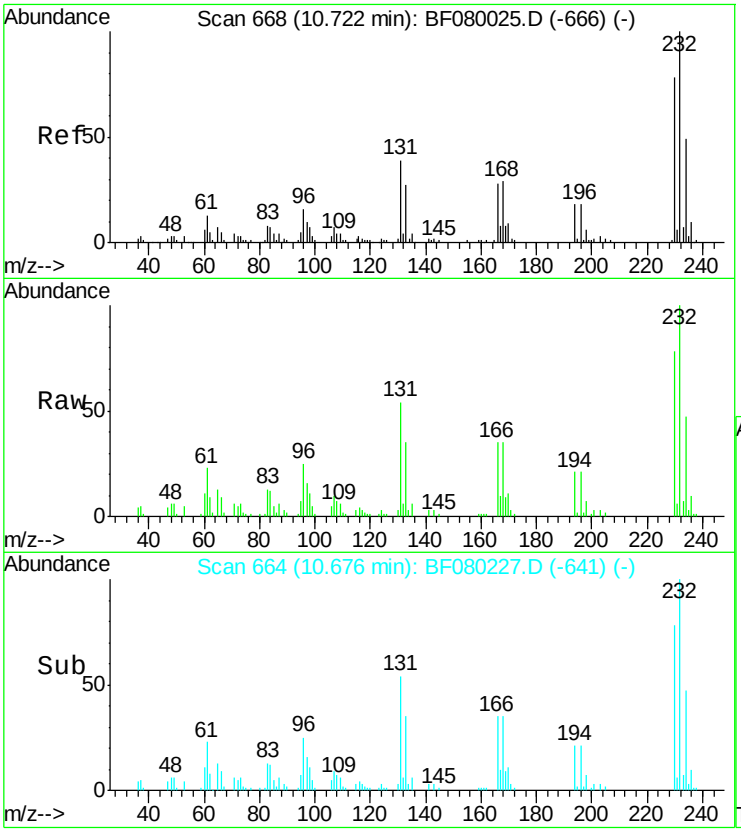


#57
Fluorene
Concen: 50.94 ng
RT: 10.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:166 Resp: 239245

Ion	Ratio	Lower	Upper
166	100		
165	97.9	72.6	109.0
167	12.6	10.6	16.0

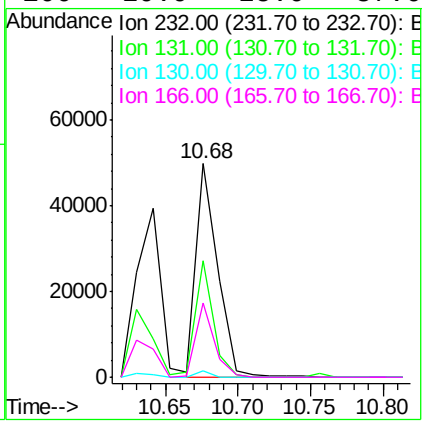




#58
2,3,4,6-Tetrachlorophenol
Concen: 43.39 ng
RT: 10.68 min Scan# 664
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

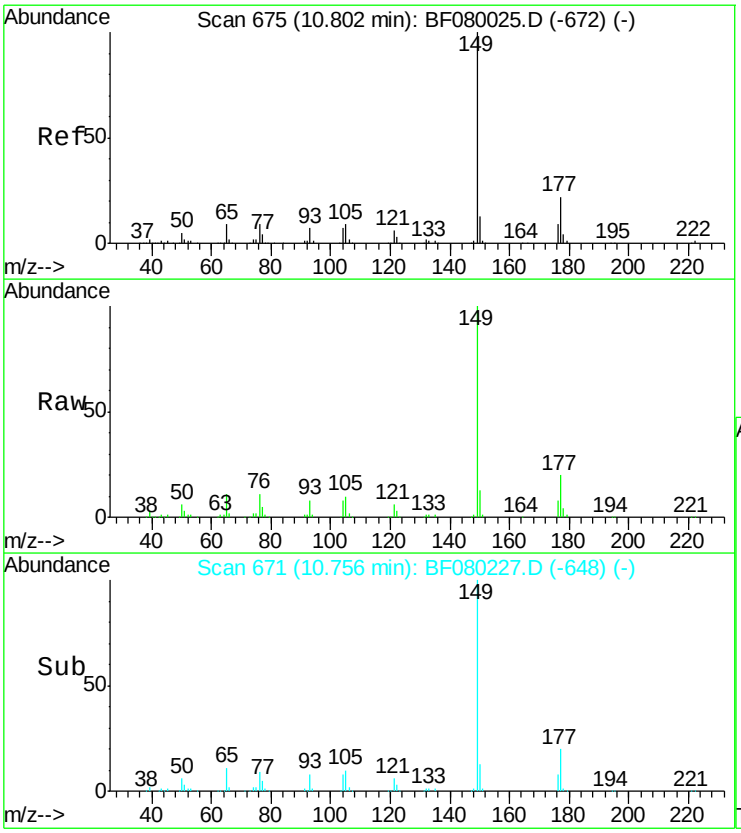
Tgt Ion:232 Resp: 51710

Ion	Ratio	Lower	Upper
232	100		
131	44.8	38.5	57.7
130	1.8	1.8	2.6
166	29.9	25.0	37.6



Instrument :
BNA_F
ClientSampleId :
SOILMSD

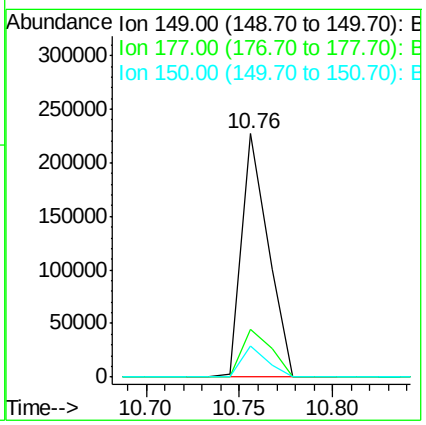
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

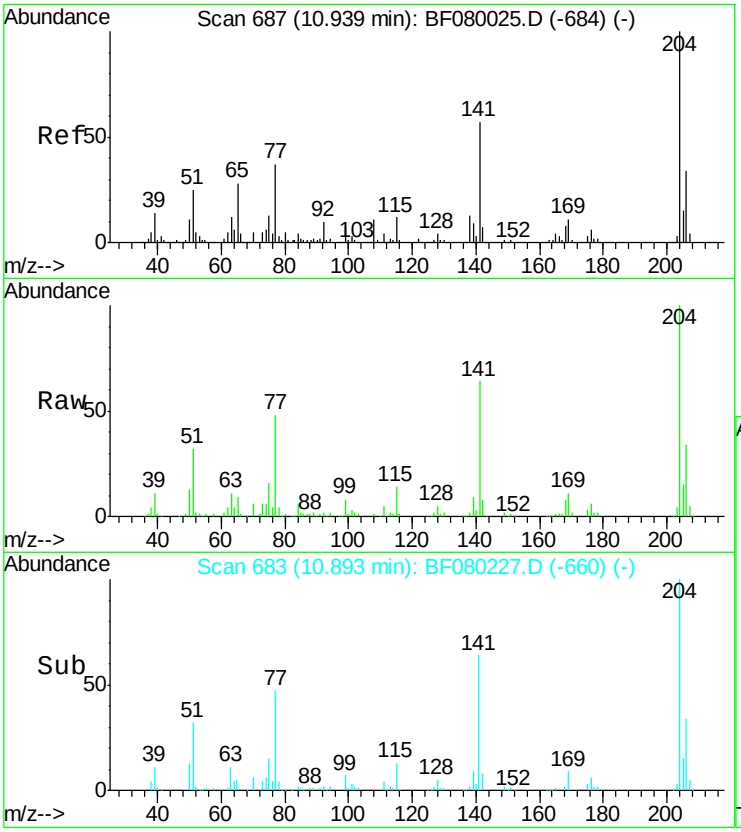


#59
Diethylphthalate
Concen: 48.42 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:149 Resp: 226831

Ion	Ratio	Lower	Upper
149	100		
177	19.7	17.5	26.3
150	12.8	9.4	14.2





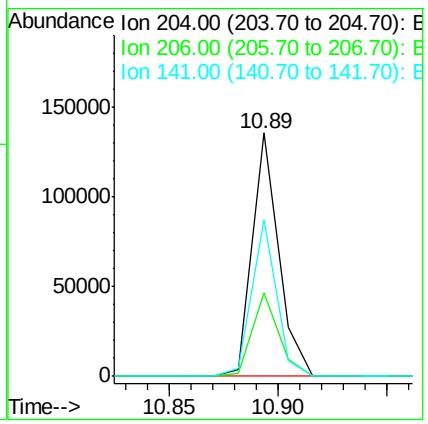
#60
4-Chlorophenyl-phenylether
Concen: 50.80 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

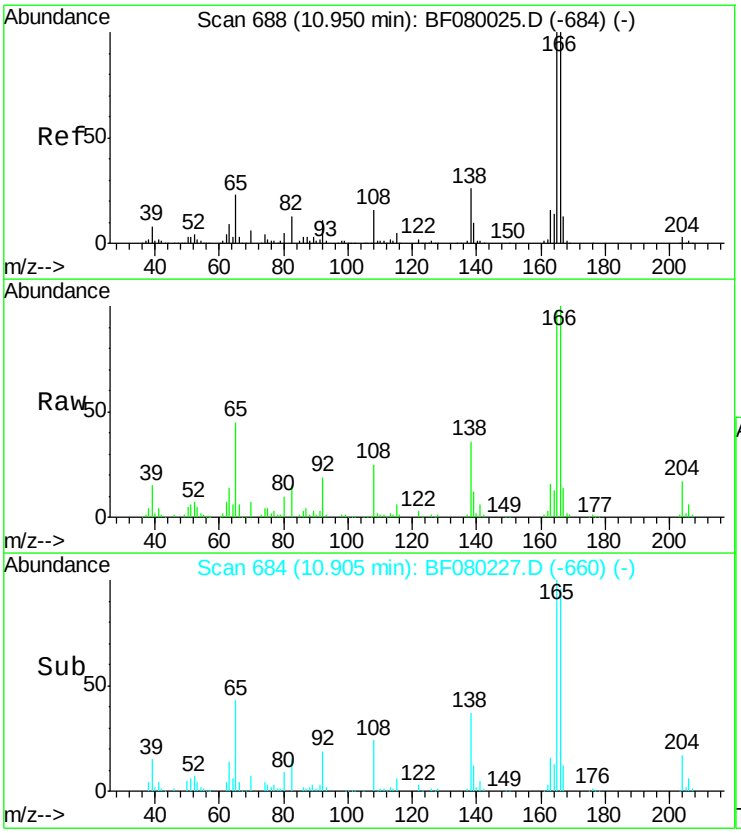
Tgt Ion:204 Resp: 114655

Ion	Ratio	Lower	Upper
204	100		
206	34.2	24.8	37.2
141	64.1	42.2	63.4#

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

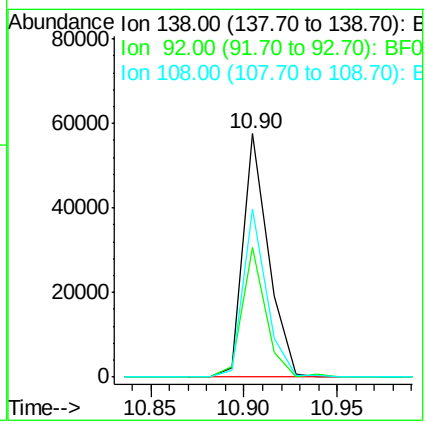


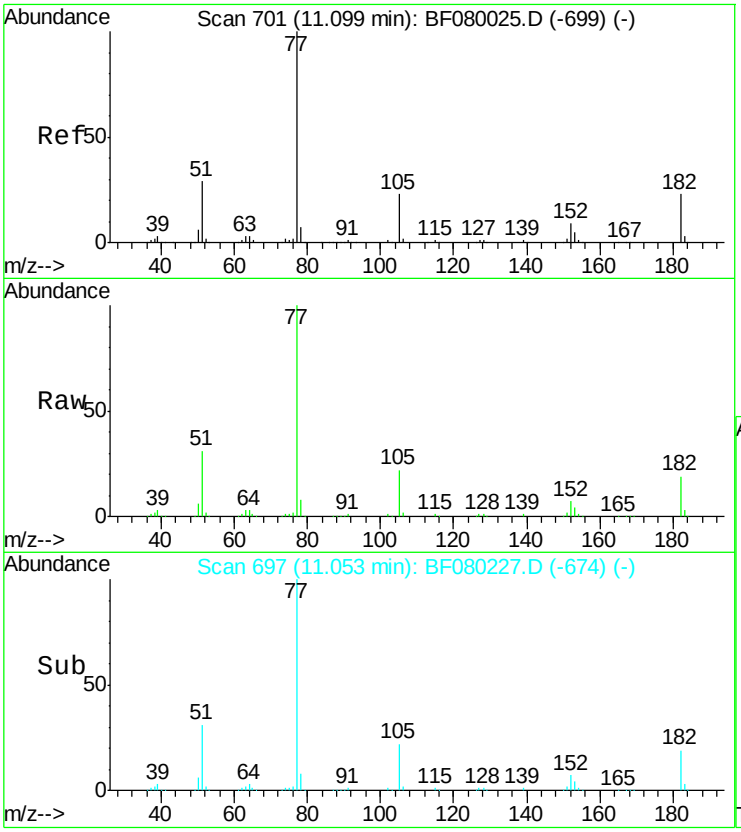


#61
4-Nitroaniline
Concen: 49.04 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:138 Resp: 54500

Ion	Ratio	Lower	Upper
138	100		
92	53.1	12.6	52.6#
108	69.3	12.4	52.4#

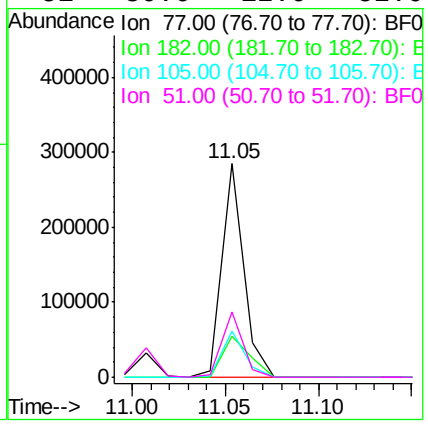




#62
Azobenzene
Concen: 49.07 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

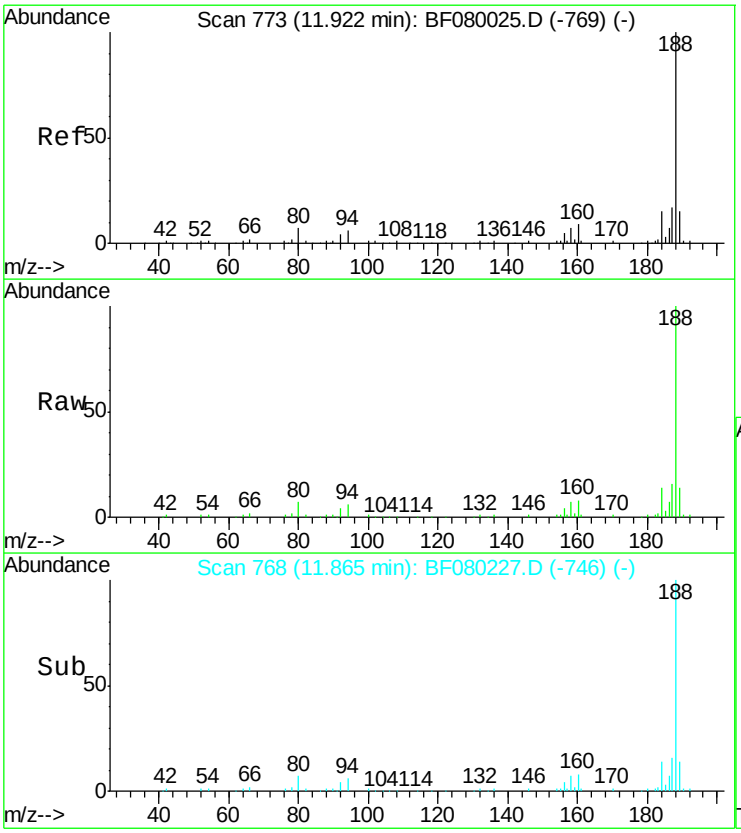
Tgt Ion: 77 Resp: 233987

Ion	Ratio	Lower	Upper
77	100		
182	19.0	15.1	55.1
105	21.8	3.4	43.4
51	30.6	12.0	52.0



Instrument :
BNA_F
ClientSampleId :
SOILMSD

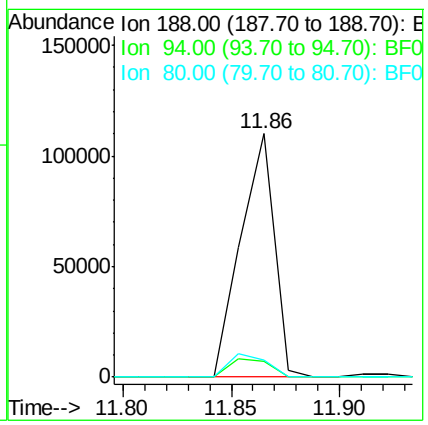
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

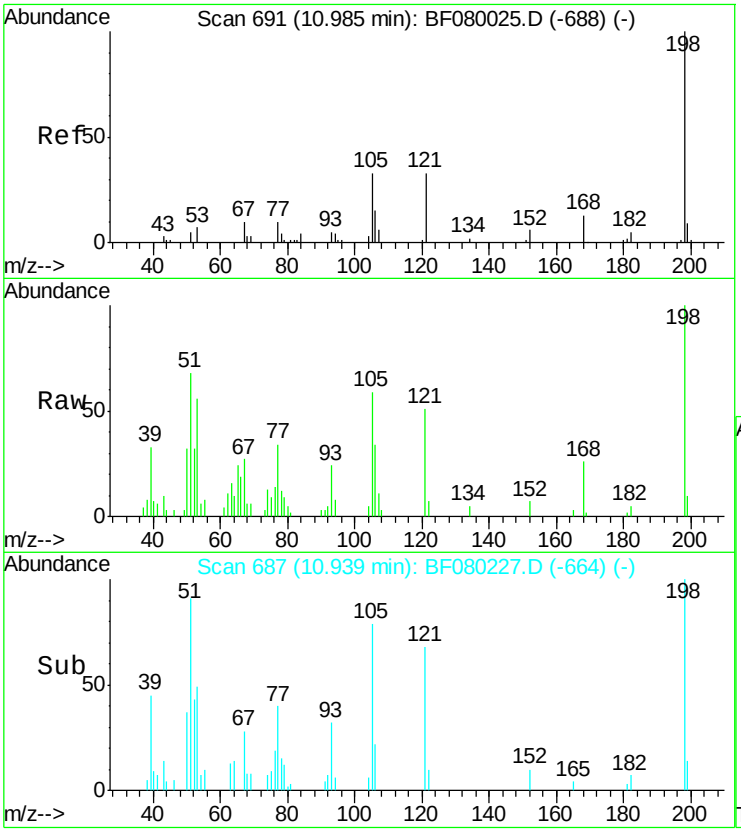


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:188 Resp: 118179

Ion	Ratio	Lower	Upper
188	100		
94	6.4	11.1	16.7#
80	7.1	11.0	16.4#

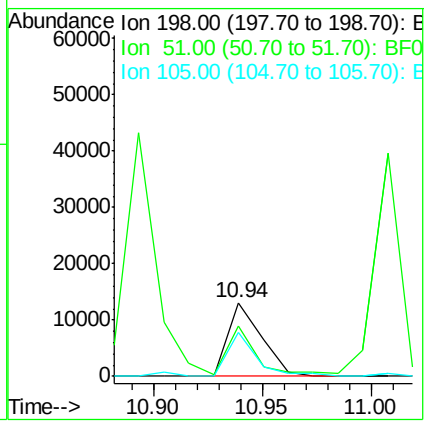




#64
4,6-Dinitro-2-methylphenol
Concen: 28.18 ng
RT: 10.94 min Scan# 687
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

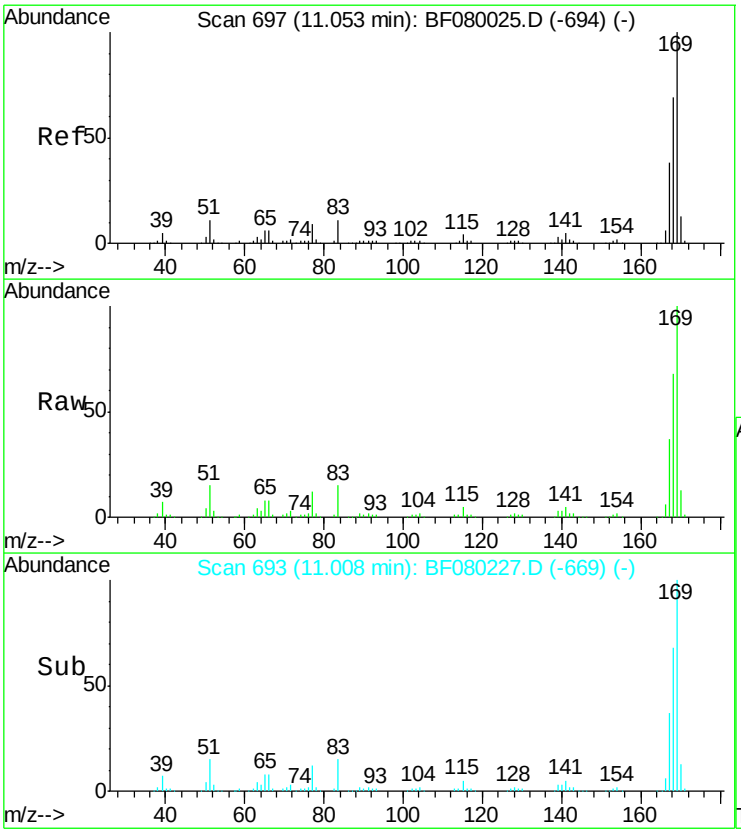
Tgt Ion:198 Resp: 13874

Ion	Ratio	Lower	Upper
198	100		
51	67.6	39.6	79.6
105	59.1	28.5	68.5



Instrument :
BNA_F
ClientSampleId :
SOILMSD

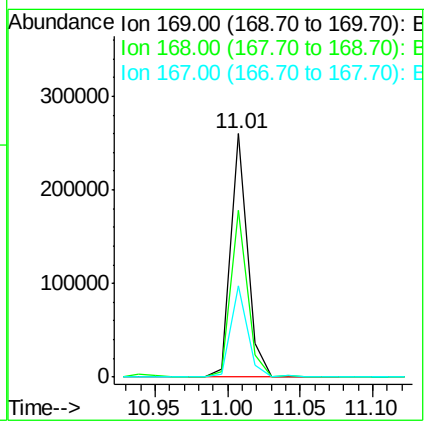
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

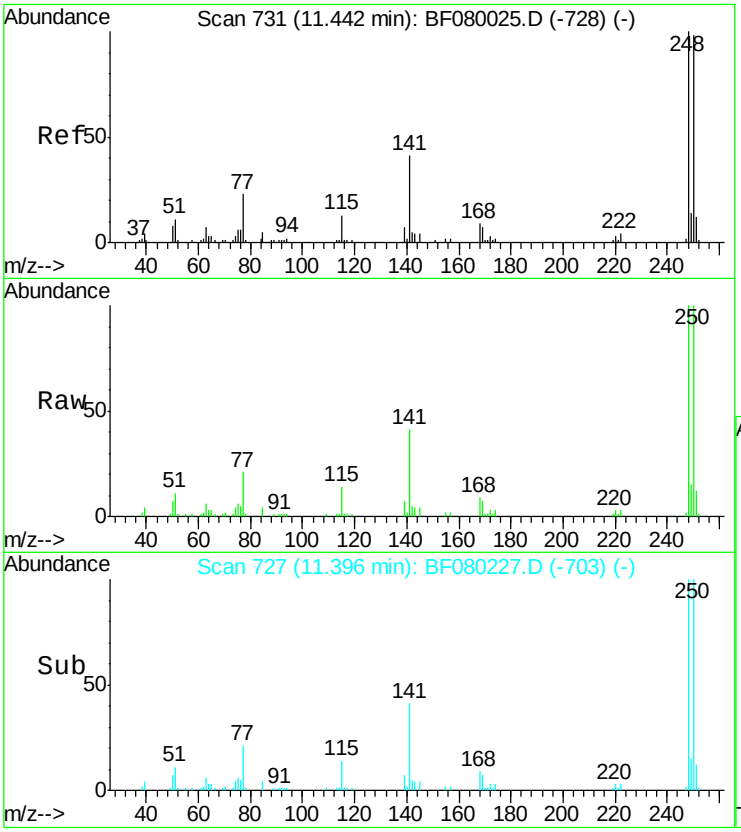


#65
n-Nitrosodiphenylamine
Concen: 54.47 ng
RT: 11.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:169 Resp: 209618

Ion	Ratio	Lower	Upper
169	100		
168	68.5	48.9	73.3
167	37.4	26.2	39.4

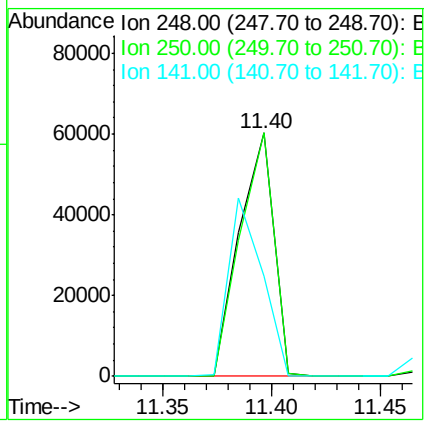




#66
4-Bromophenyl-phenylether
Concen: 52.63 ng
RT: 11.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

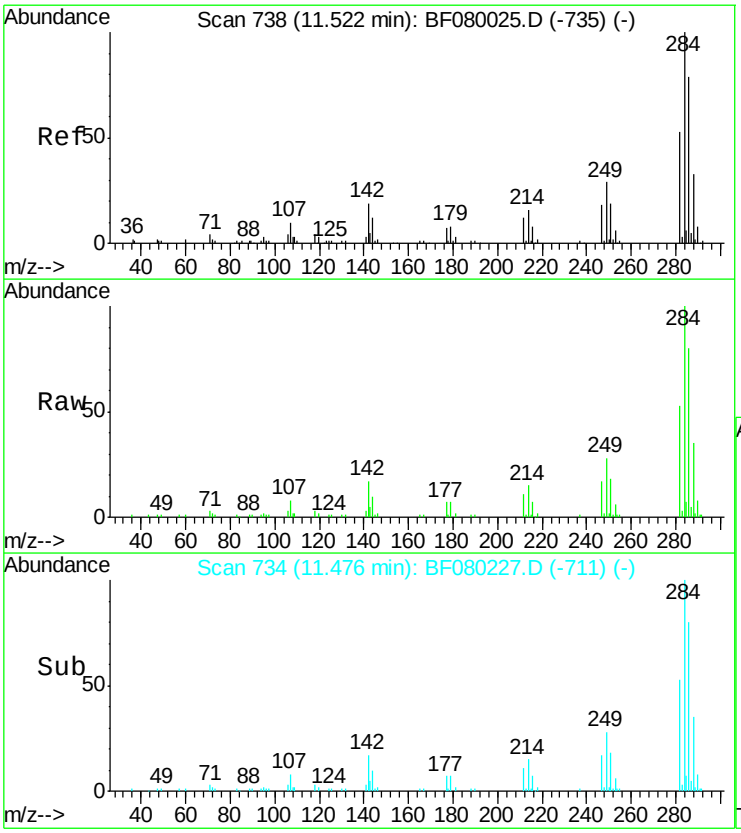
Tgt Ion:248 Resp: 66129

Ion	Ratio	Lower	Upper
248	100		
250	100.1	78.5	117.7
141	41.0	59.0	88.6#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

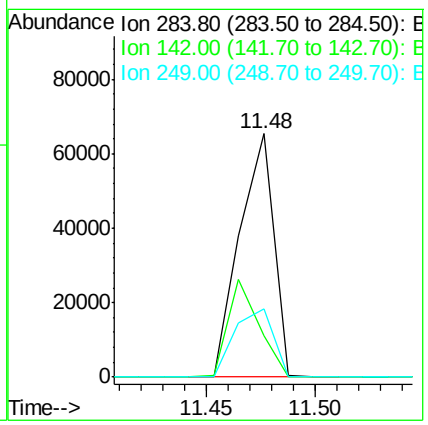
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

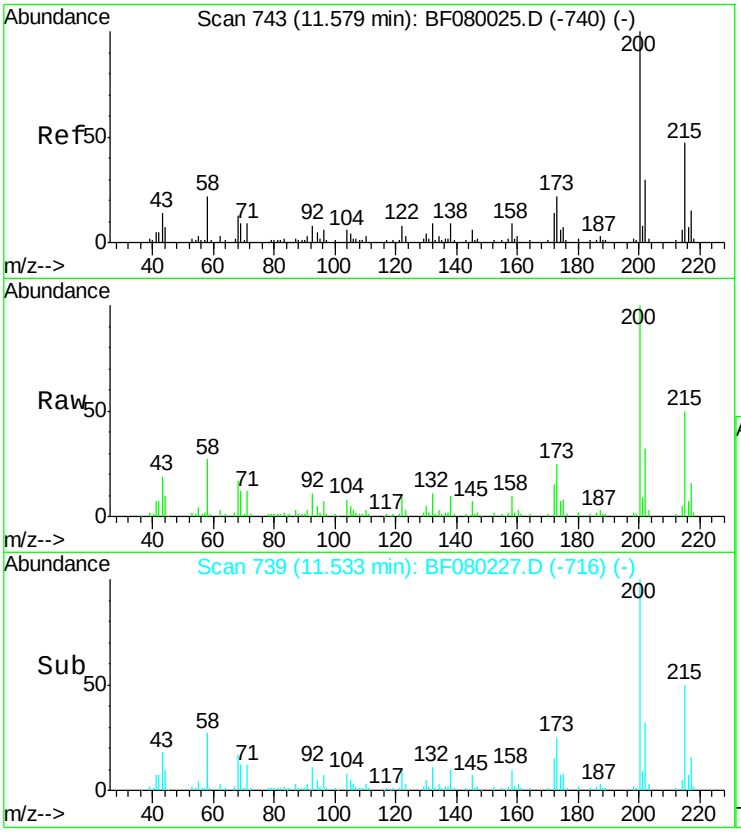


#67
Hexachlorobenzene
Concen: 51.05 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:284 Resp: 71297

Ion	Ratio	Lower	Upper
284	100		
142	16.8	29.5	44.3#
249	28.1	19.5	29.3

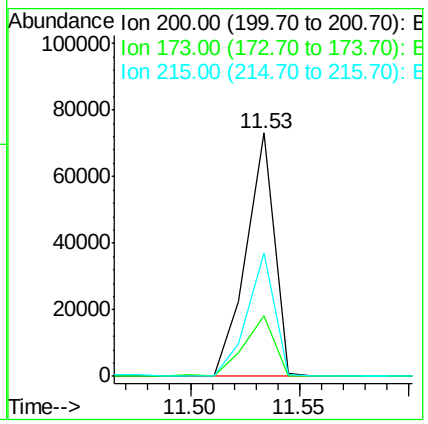




#68
Atrazine
Concen: 54.29 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

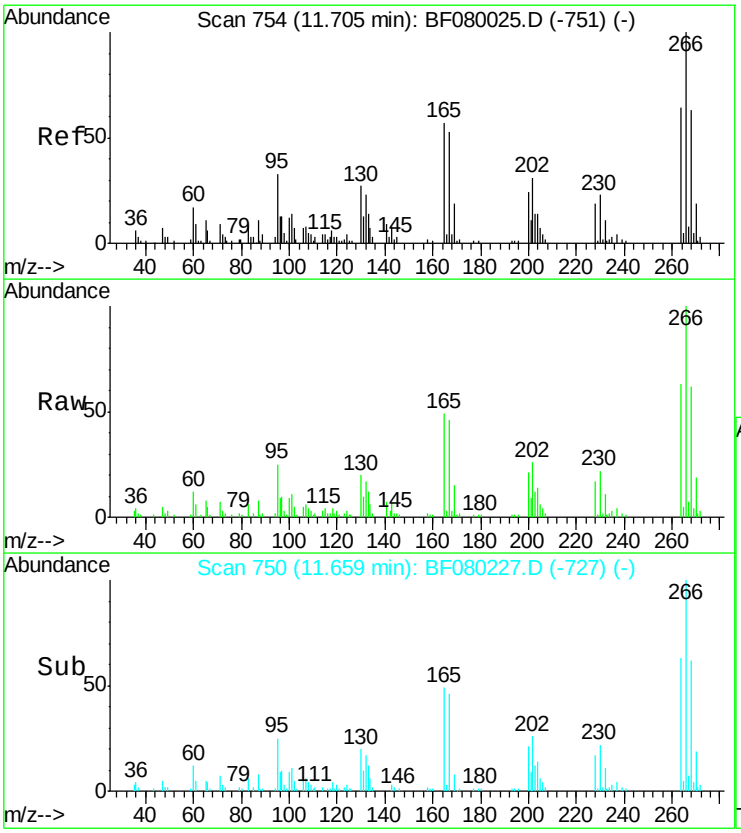
Tgt Ion:200 Resp: 66008

Ion	Ratio	Lower	Upper
200	100		
173	24.8	13.2	53.2
215	50.4	41.8	81.8



Instrument :
BNA_F
ClientSampleId :
SOILMSD

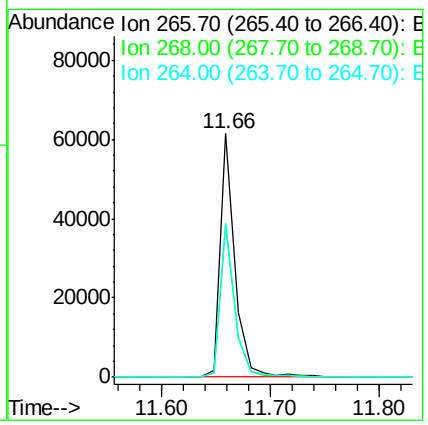
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

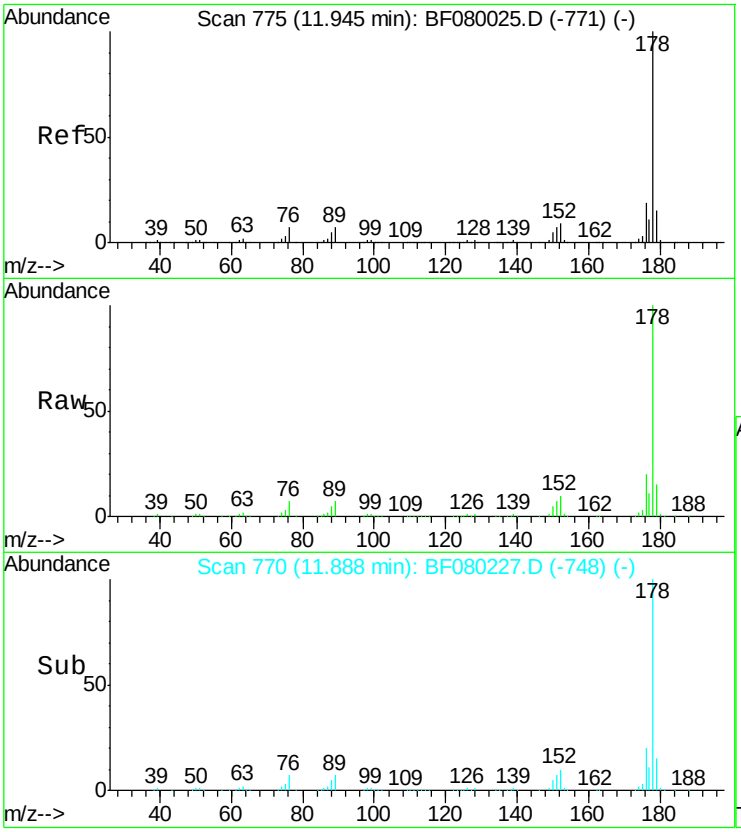


#69
Pentachlorophenol
Concen: 73.25 ng
RT: 11.66 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:266 Resp: 57969

Ion	Ratio	Lower	Upper
266	100		
268	62.0	49.8	74.6
264	63.2	50.2	75.2

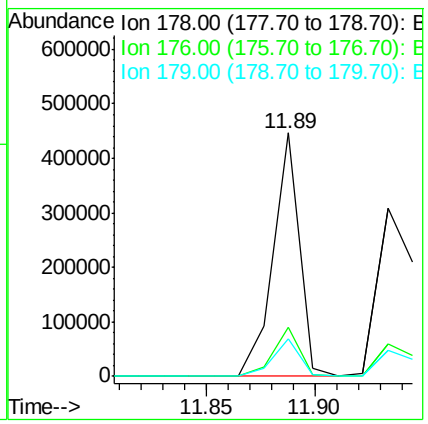




#70
Phenanthrene
Concen: 53.33 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

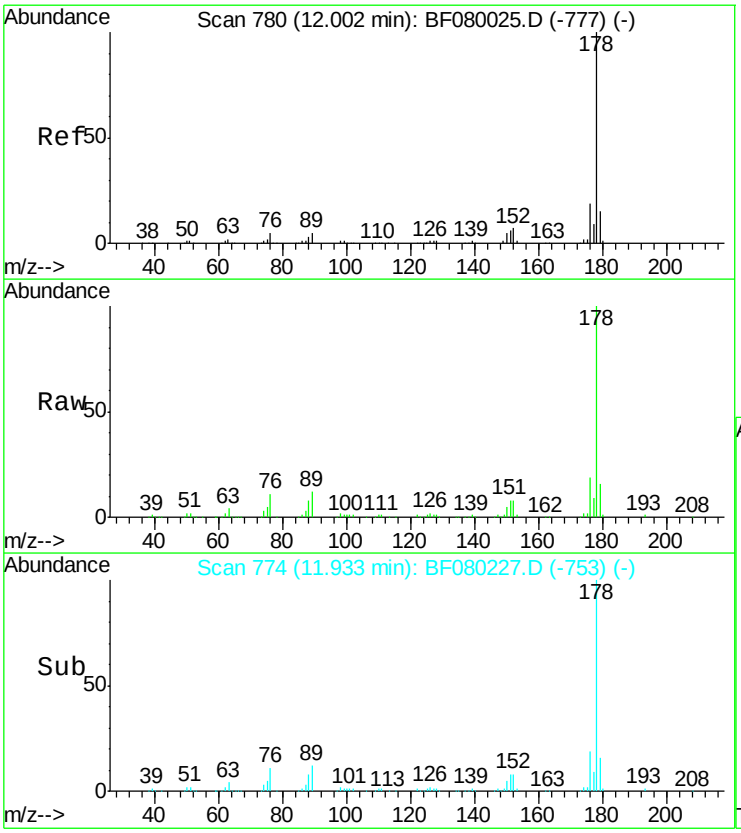
Tgt Ion:178 Resp: 381563

Ion	Ratio	Lower	Upper
178	100		
176	20.0	13.8	20.8
179	15.3	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SOILMSD

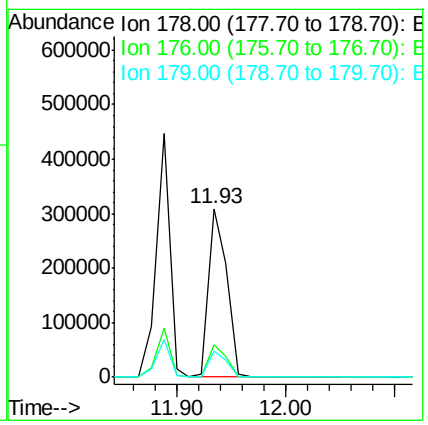
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

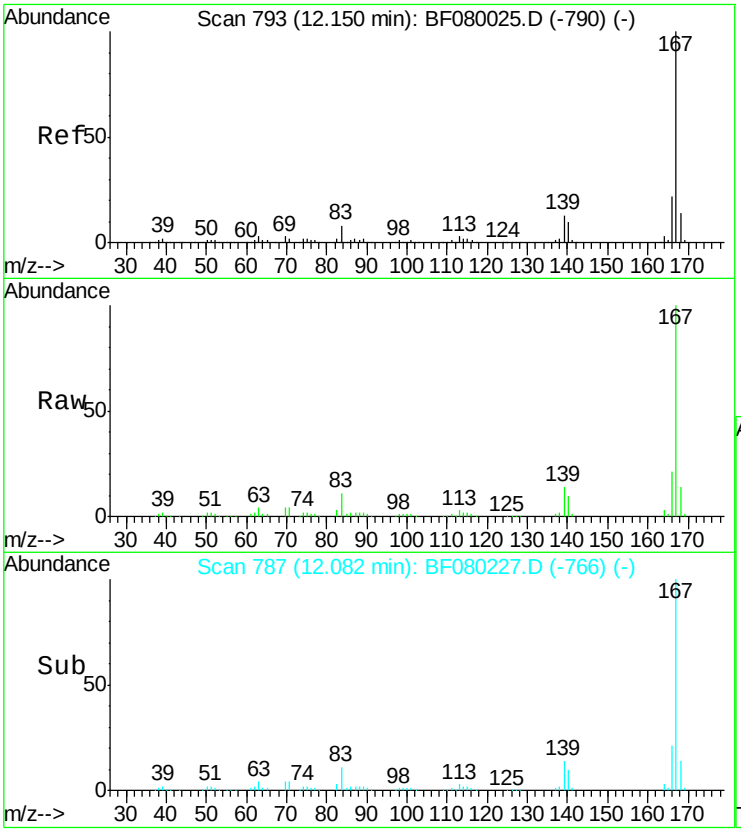


#71
Anthracene
Concen: 53.03 ng
RT: 11.93 min Scan# 774
Delta R.T. -0.06 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:178 Resp: 365298

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.1	21.1
179	15.6	12.2	18.2

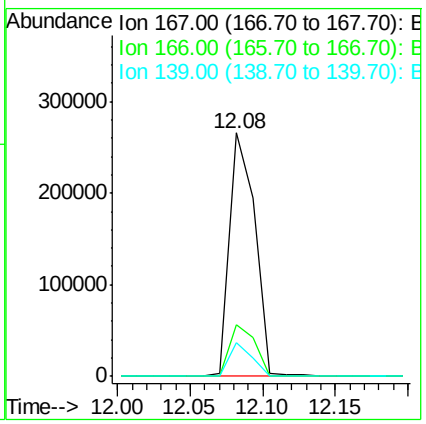




#72
Carbazole
Concen: 48.97 ng
RT: 12.08 min Scan# 787
Delta R.T. -0.06 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

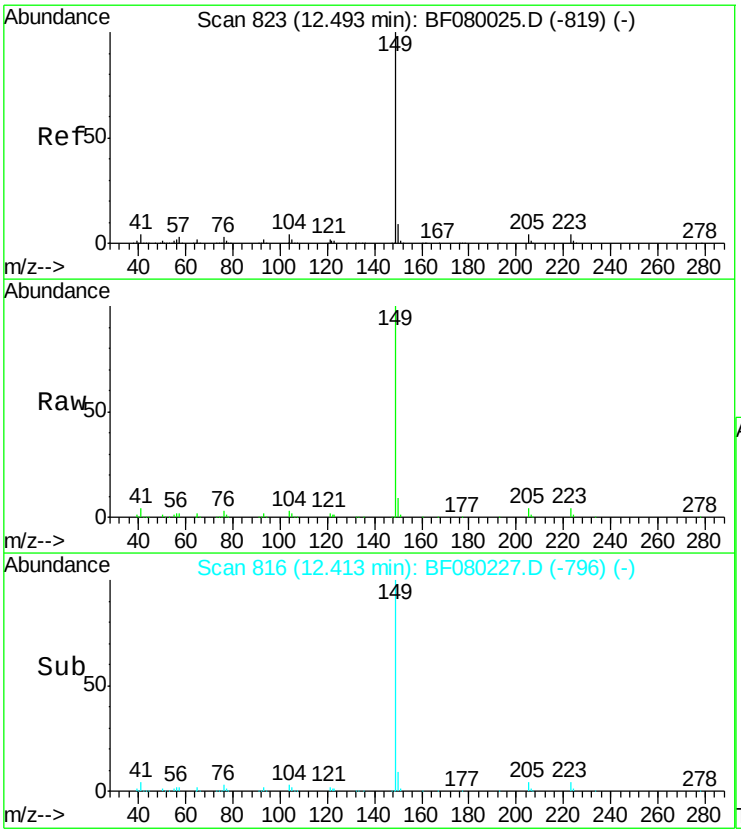
Tgt Ion:167 Resp: 322064

Ion	Ratio	Lower	Upper
167	100		
166	21.4	15.7	23.5
139	14.0	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
SOILMSD

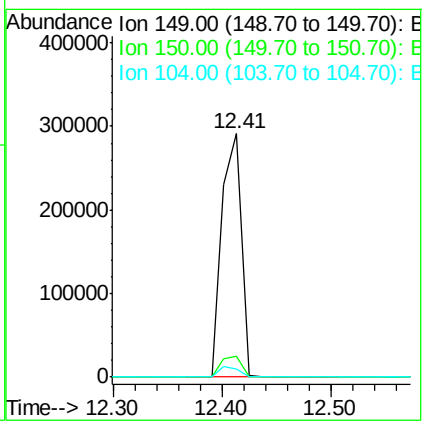
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

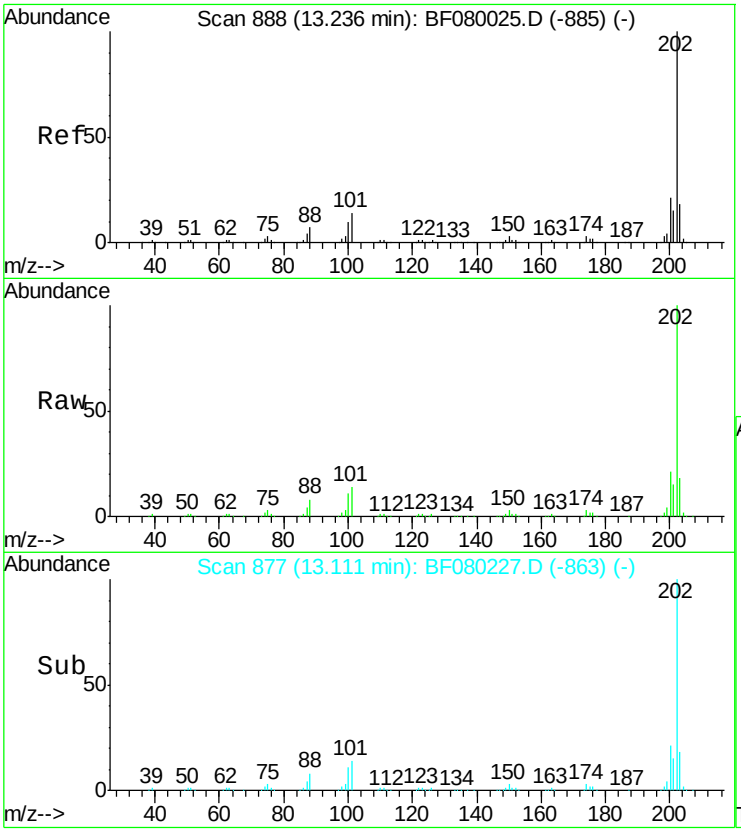


#73
Di-n-butylphthalate
Concen: 47.59 ng
RT: 12.41 min Scan# 816
Delta R.T. -0.07 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:149 Resp: 361653

Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.4	11.2
104	3.5	2.4	3.6

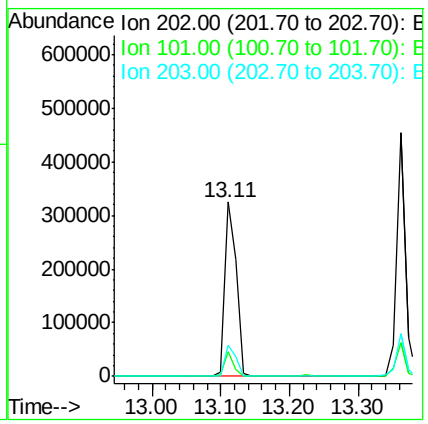




#74
Fluoranthene
Concen: 50.87 ng
RT: 13.11 min Scan# 877
Delta R.T. -0.14 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

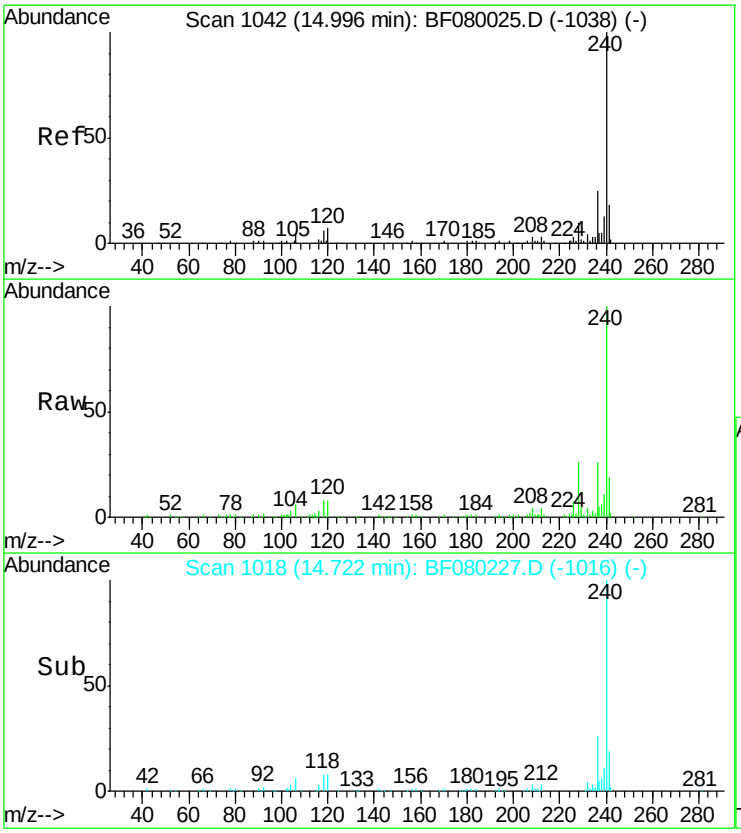
Tgt Ion:202 Resp: 387610

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	38.3
203	17.7	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
SOILMSD

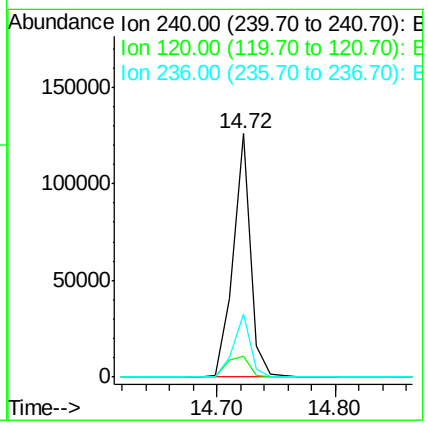
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

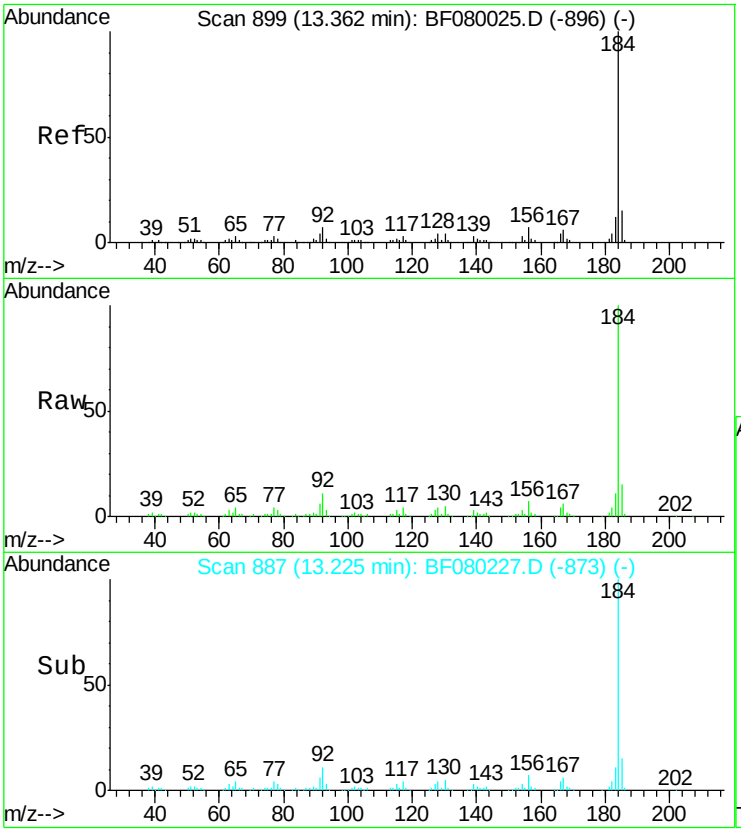


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.72 min Scan# 1018
Delta R.T. -0.27 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:240 Resp: 127515

Ion	Ratio	Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	25.7	18.4	27.6

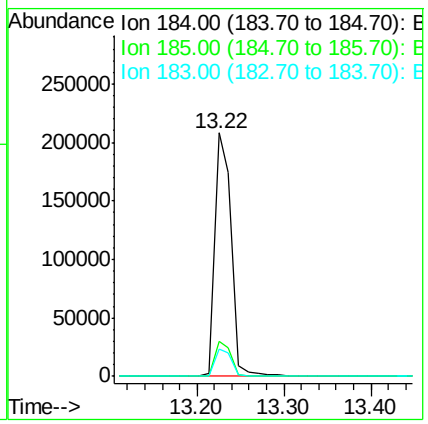




#76
Benzidine
Concen: 78.30 ng
RT: 13.22 min Scan# 887
Delta R.T. -0.14 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

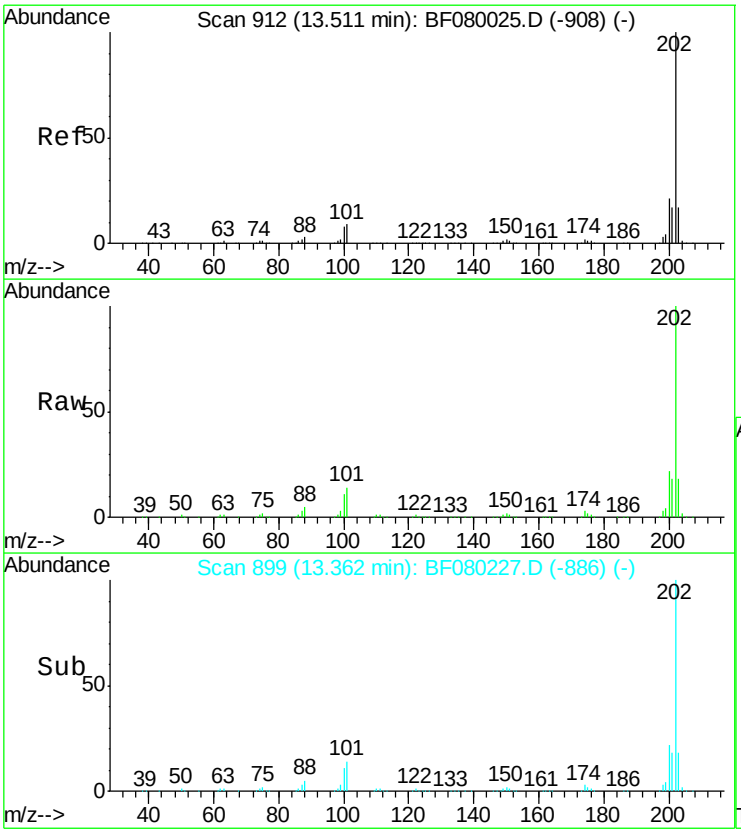
Tgt Ion:184 Resp: 279093

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.6
183	11.2	7.6	11.4



Instrument :
BNA_F
ClientSampleId :
SOILMSD

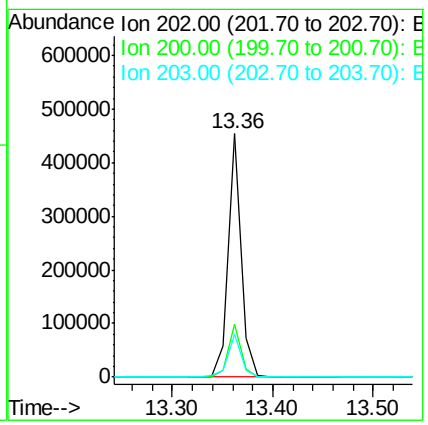
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

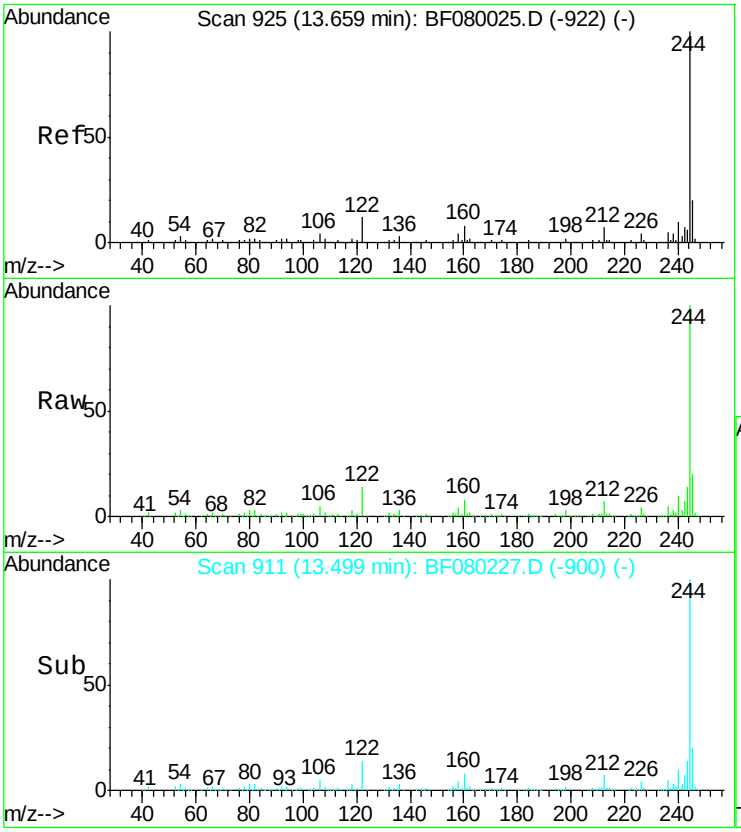


#77
Pyrene
Concen: 52.02 ng
RT: 13.36 min Scan# 899
Delta R.T. -0.15 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:202 Resp: 408393

Ion	Ratio	Lower	Upper
202	100		
200	21.5	15.0	22.4
203	17.5	14.1	21.1

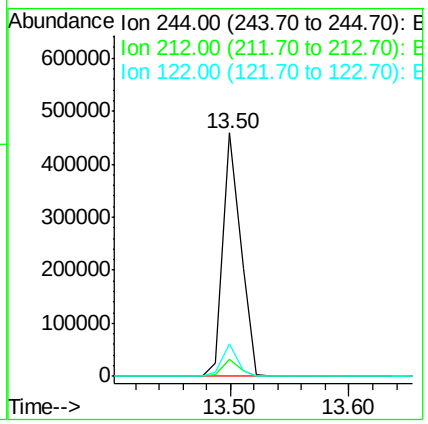




#78
Terphenyl-d14
Concen: 87.14 ng
RT: 13.50 min Scan# 911
Delta R.T. -0.17 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

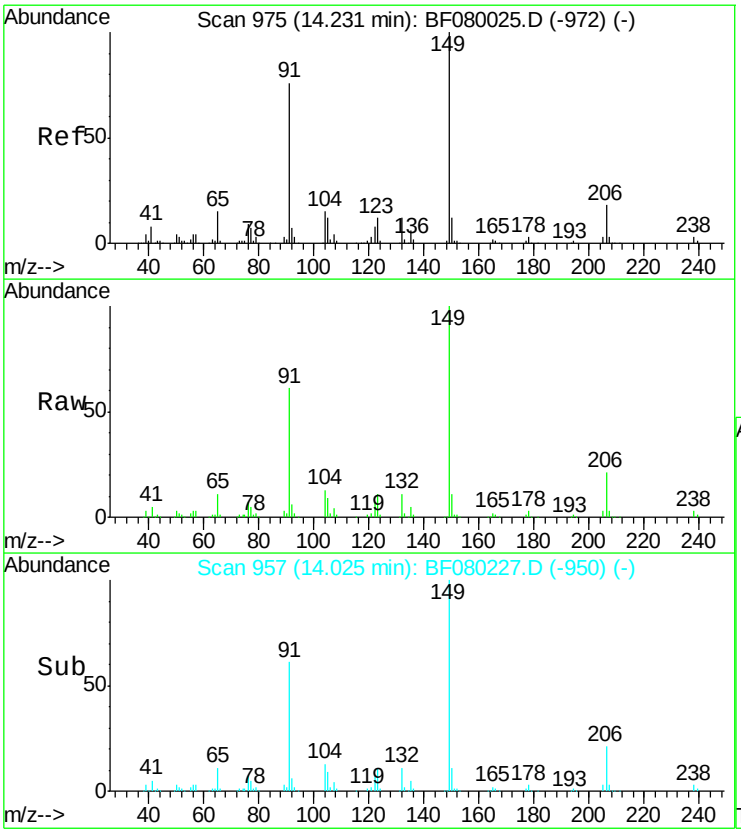
Tgt Ion:244 Resp: 475801

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.3	6.5#
122	13.6	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
SOILMSD

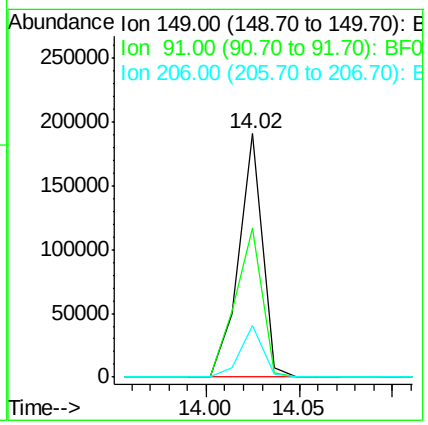
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

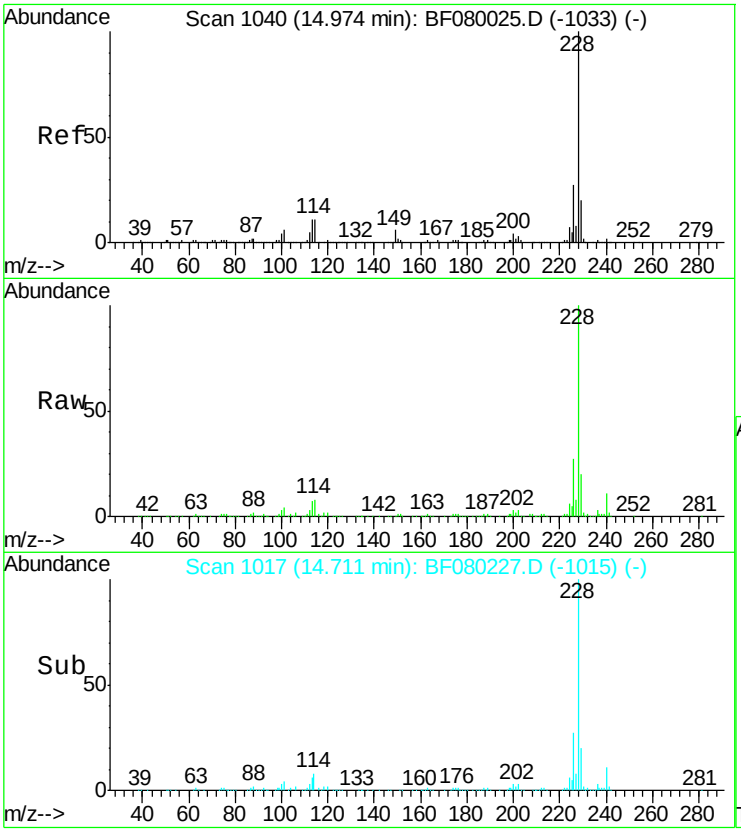


#79
Butylbenzylphthalate
Concen: 54.06 ng
RT: 14.02 min Scan# 957
Delta R.T. -0.22 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:149 Resp: 170444

Ion	Ratio	Lower	Upper
149	100		
91	61.2	48.6	72.8
206	21.2	14.9	22.3

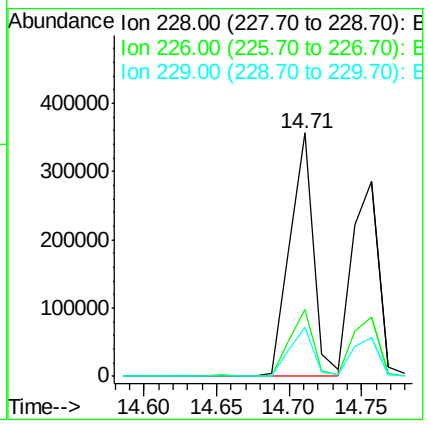




#80
Benzo(a)anthracene
Concen: 51.79 ng
RT: 14.71 min Scan# 1017
Delta R.T. -0.27 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

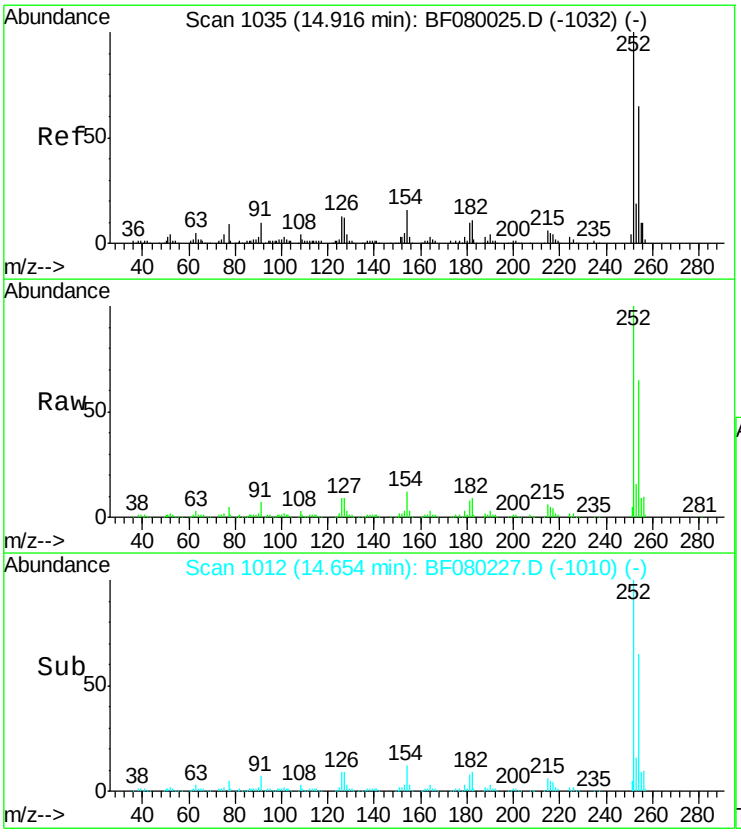
Tgt Ion:228 Resp: 402291

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.0	30.0
229	20.2	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SOILMSD

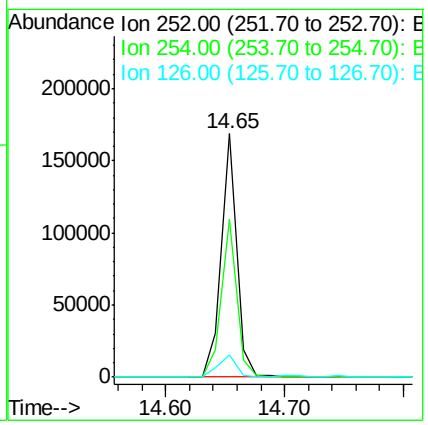
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

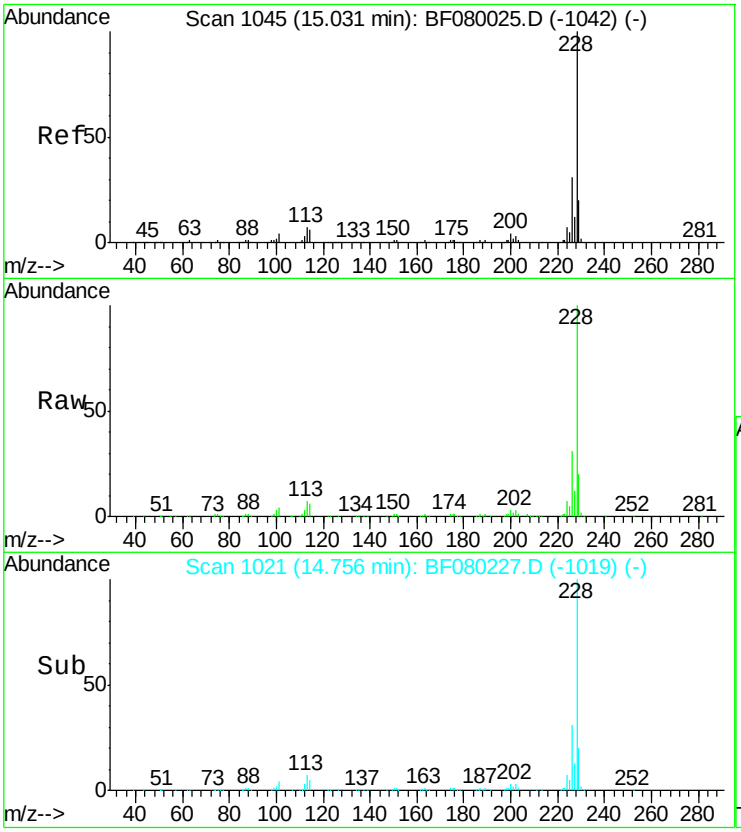


#81
3,3'-Dichlorobenzidine
Concen: 56.74 ng
RT: 14.65 min Scan# 1012
Delta R.T. -0.27 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:252 Resp: 152030

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	8.9	16.4	24.6#





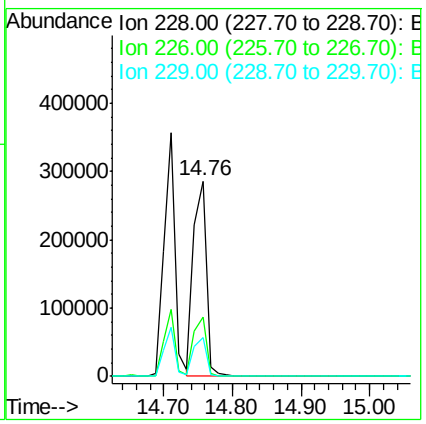
#82
Chrysene
Concen: 51.20 ng
RT: 14.76 min Scan# 1021
Delta R.T. -0.27 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

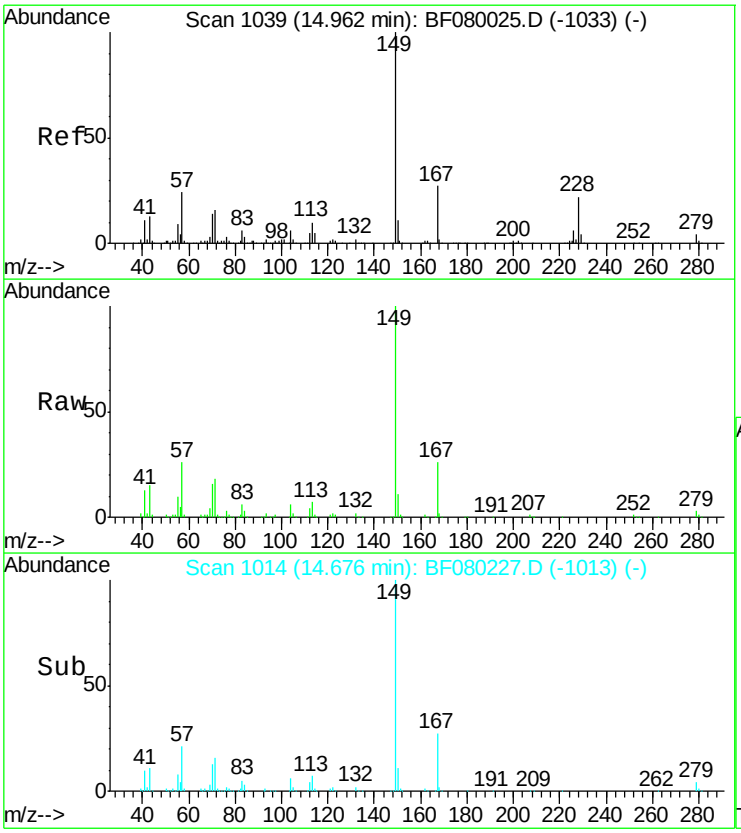
Tgt Ion:228 Resp: 366775

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	19.7	15.6	23.4

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

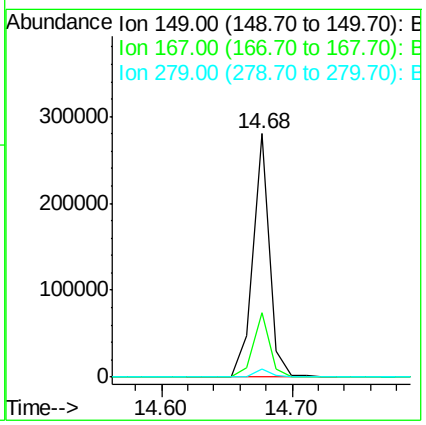


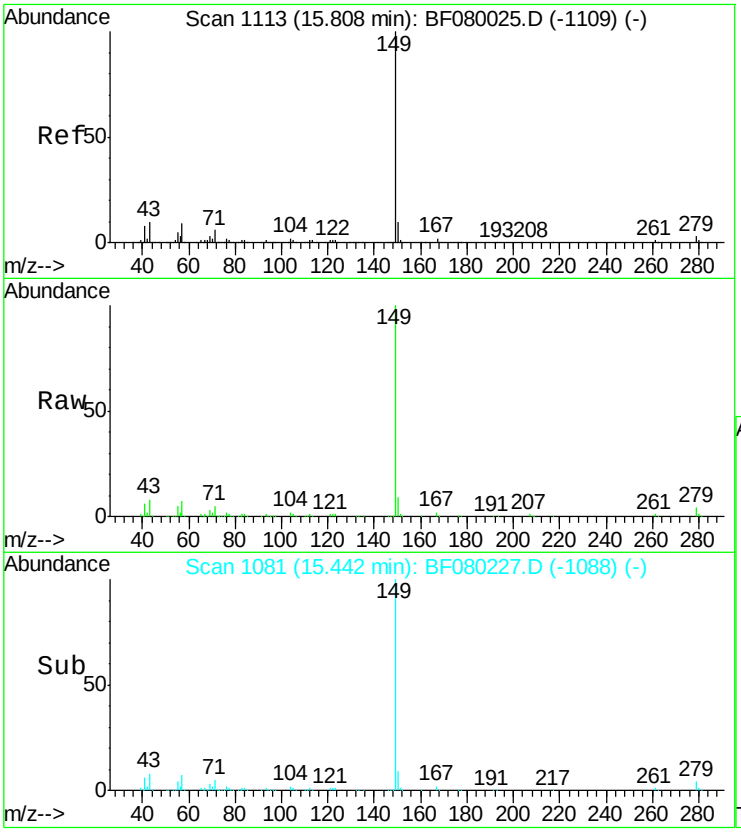


#83
Bis(2-ethylhexyl)phthalate
Concen: 49.90 ng
RT: 14.68 min Scan# 1014
Delta R.T. -0.29 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:149 Resp: 248657

Ion	Ratio	Lower	Upper
149	100		
167	26.5	24.2	36.2
279	3.2	3.8	5.6#





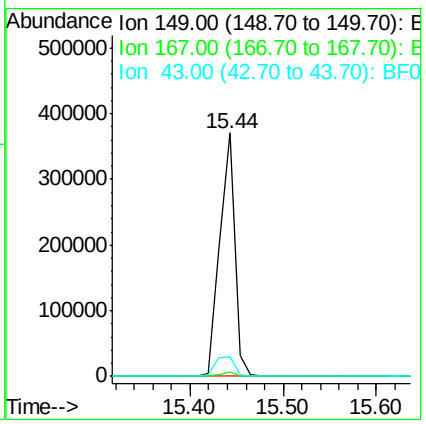
#84
Di-n-octyl phthalate
Concen: 48.33 ng
RT: 15.44 min Scan# 1081
Delta R.T. -0.38 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

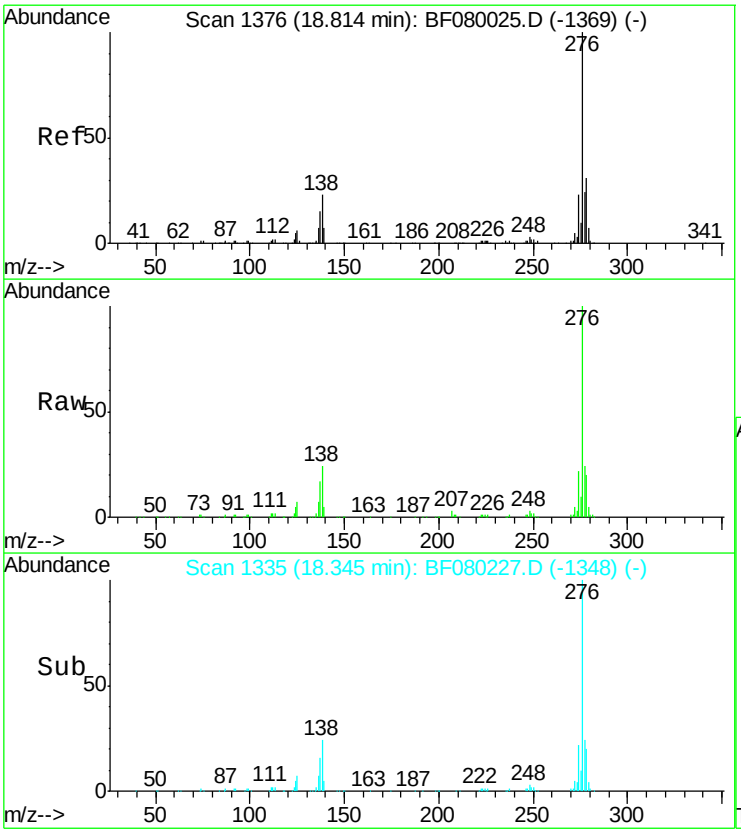
Tgt Ion:149 Resp: 412707

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.0	1.6
43	10.2	10.2	15.2#

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

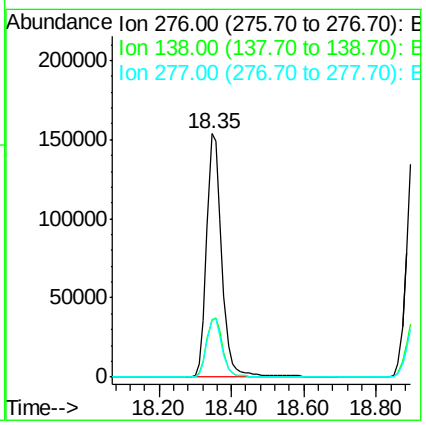


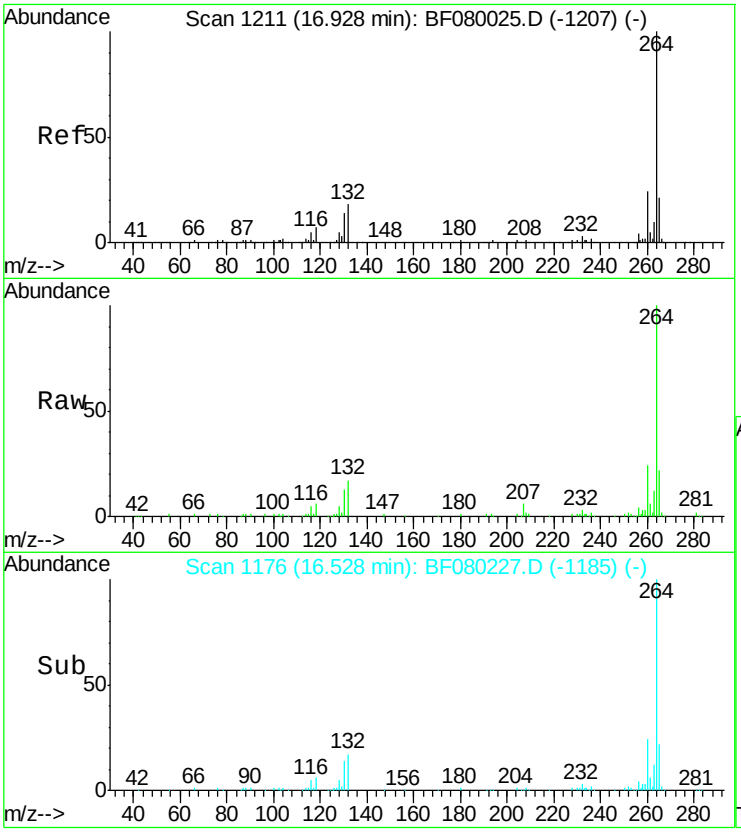


#85
Indeno(1,2,3-cd)pyrene
Concen: 49.58 ng
RT: 18.35 min Scan# 1335
Delta R.T. -0.45 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:276 Resp: 447844

Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.7	38.5
277	24.7	15.6	23.4#

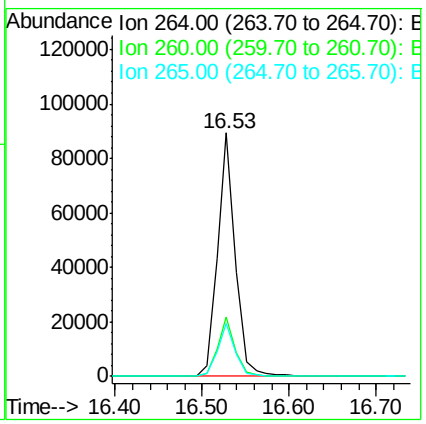




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.53 min Scan# 1176
Delta R.T. -0.40 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

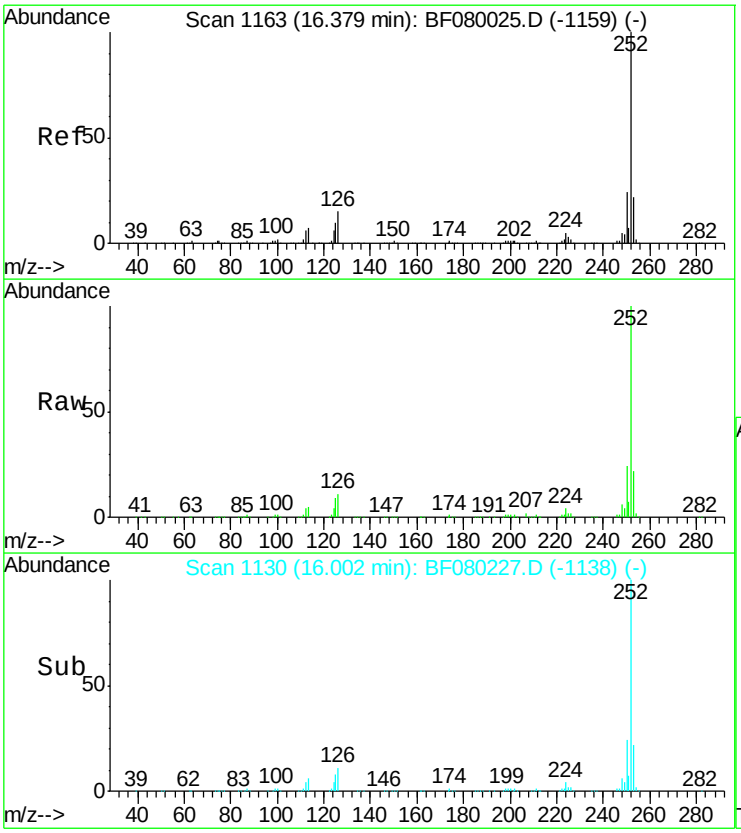
Tgt Ion:264 Resp: 127248

Ion	Ratio	Lower	Upper
264	100		
260	24.2	16.7	25.1
265	21.9	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SOILMSD

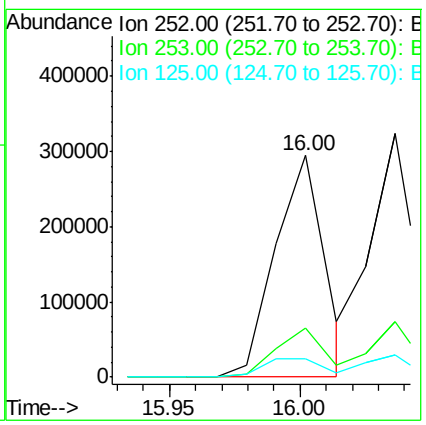
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

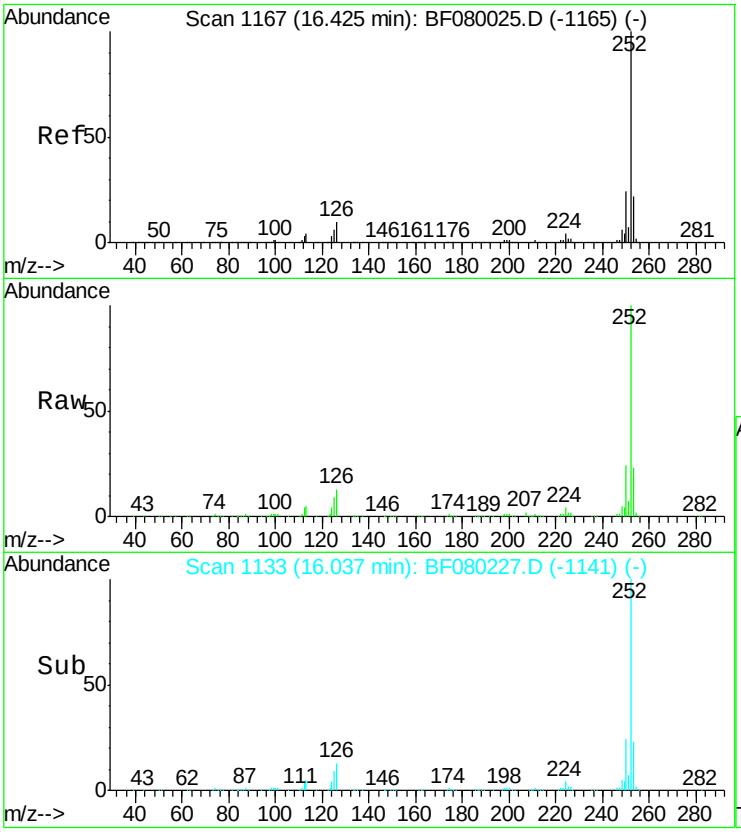


#87
Benzo(b)fluoranthene
Concen: 50.04 ng
RT: 16.00 min Scan# 1130
Delta R.T. -0.39 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:252 Resp: 385538

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.5	17.1	25.7#





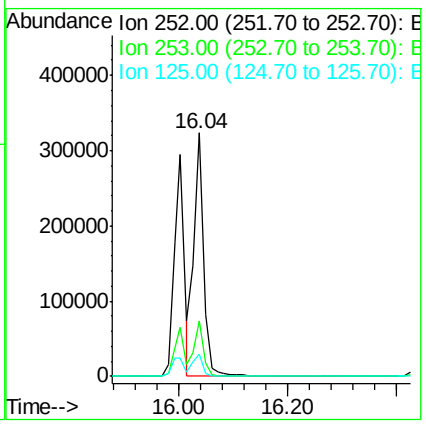
#88
Benzo(k)fluoranthene
Concen: 51.16 ng
RT: 16.04 min Scan# 1133
Delta R.T. -0.39 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

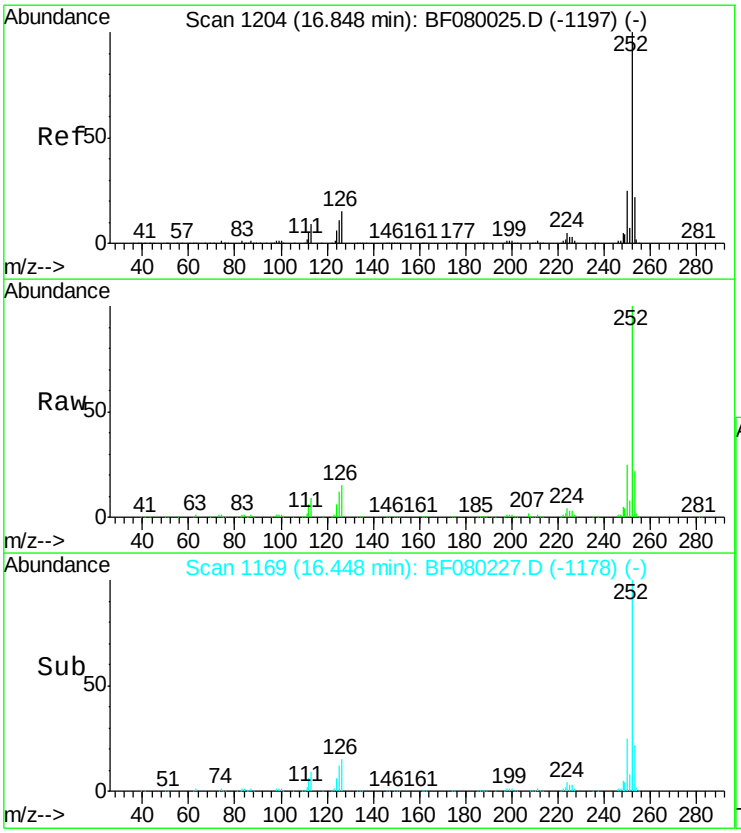
Tgt Ion:252 Resp: 401377

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.4
125	9.0	16.0	24.0#

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM

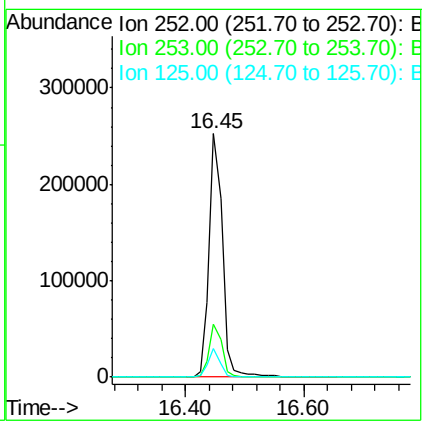


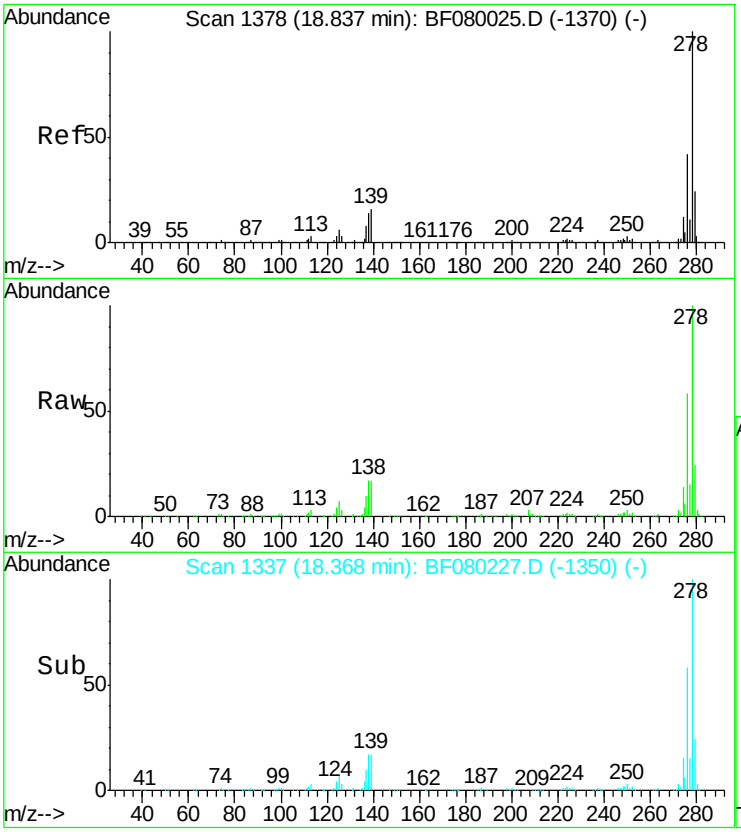


#89
Benzo(a)pyrene
Concen: 53.92 ng
RT: 16.45 min Scan# 1169
Delta R.T. -0.40 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:252 Resp: 394536

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.6	18.0	27.0#





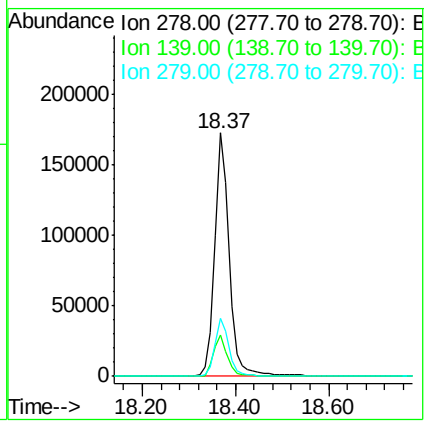
#90
Dibenzo(a,h)anthracene
Concen: 50.13 ng
RT: 18.37 min Scan# 1337
Delta R.T. -0.45 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

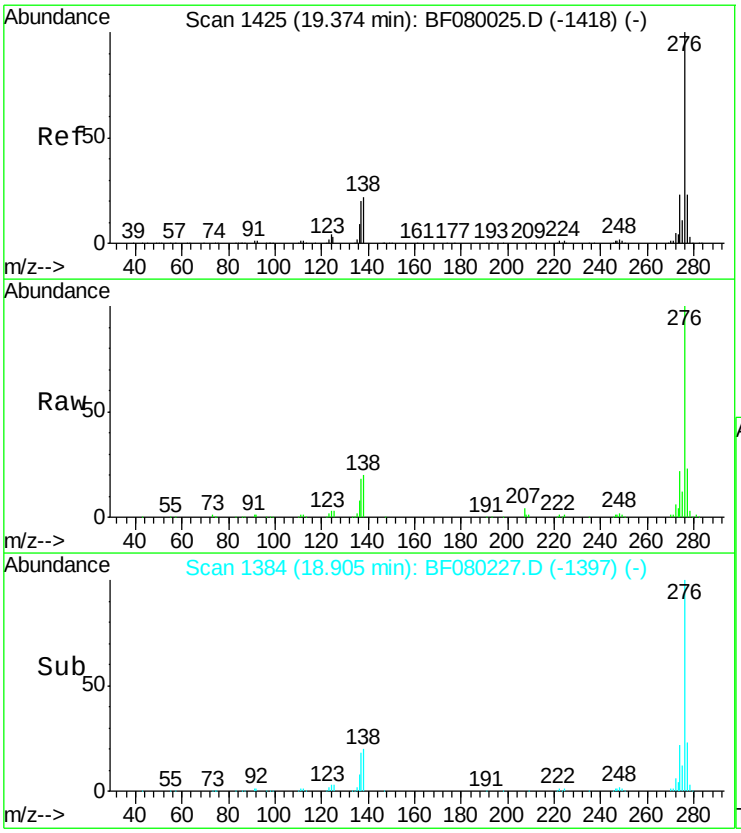
Tgt Ion:278 Resp: 375445

Ion	Ratio	Lower	Upper
278	100		
139	17.0	26.3	39.5#
279	23.8	18.2	27.4

Instrument :
BNA_F
ClientSampleId :
SOILMSD

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:19:34 PM





#91
Benzo(g,h,i)perylene
Concen: 50.41 ng
RT: 18.91 min Scan# 1384
Delta R.T. -0.45 min
Lab File: BF080227.D
Acq: 30 Jun 2015 3:12

Tgt Ion:276 Resp: 381146

Ion	Ratio	Lower	Upper
276	100		
277	22.6	17.8	26.6
138	20.2	34.6	51.8#