Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081517.D
Acq On : 6 Sep 2015 18:55
Operator : UM/IZ
Sample : G3561-02
Misc :
ALS Vial : 92 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

Quant Time: Sep 07 07:25:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 05:41:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	48642	20.00	ng		-0.01
21) Naphthalene-d8	7.64	136	183876	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	75491	20.00	ng		-0.01
63) Phenanthrene-d10	10.86	188	124379	20.00	ng		0.00
75) Chrysene-d12	13.46	240	104580	20.00	ng		0.00
86) Perylene-d12	14.78	264	72459	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	284167	90.64	ng		0.01
7) Phenol-d6	6.03	99	429152	103.41	ng		0.00
23) Nitrobenzene-d5	6.94	82	263303	69.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.17	330	53175	79.11	ng		-0.01
44) 2-Fluorobiphenyl	8.73	172	369257	62.68	ng		-0.01
78) Terphenyl-d14	12.43	244	200696	44.67	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.13	163	64441	10.99	ng	#	96
70) Phenanthrene	10.88	178	66140	9.57	ng		98
71) Anthracene	10.92	178	23252	3.27	ng		99
74) Fluoranthene	12.05	202	105255	14.06	ng		90
77) Pyrene	12.27	202	103884	13.41	ng		98
80) Benzo(a)anthracene	13.45	228	49660m	7.46	ng		
82) Chrysene	13.49	228	50649m	8.48	ng		
83) Bis(2-ethylhexyl)phthalate	13.50	149	11811	2.66	ng		96
85) Indeno(1,2,3-cd)pyrene	15.85	276	15998	3.65	ng	#	90
87) Benzo(b)fluoranthene	14.45	252	44539m	8.61	ng		
88) Benzo(k)fluoranthene	14.46	252	17349m	4.04	ng		
89) Benzo(a)pyrene	14.72	252	32116	7.33	ng		94
91) Benzo(g,h,i)perylene	16.17	276	13711	4.24	ng	#	75

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

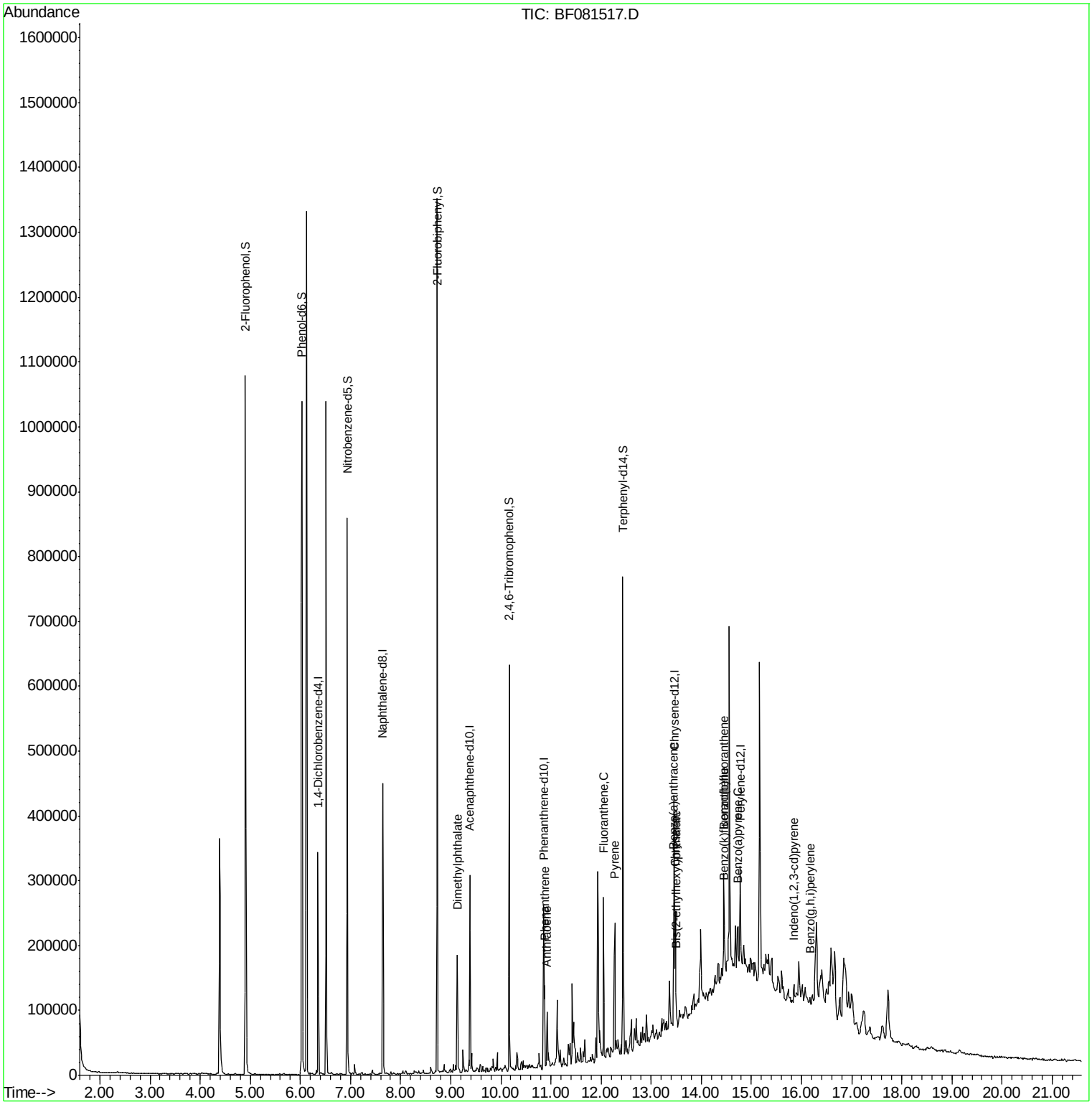
Quantitation Report (LSC Reviewed)

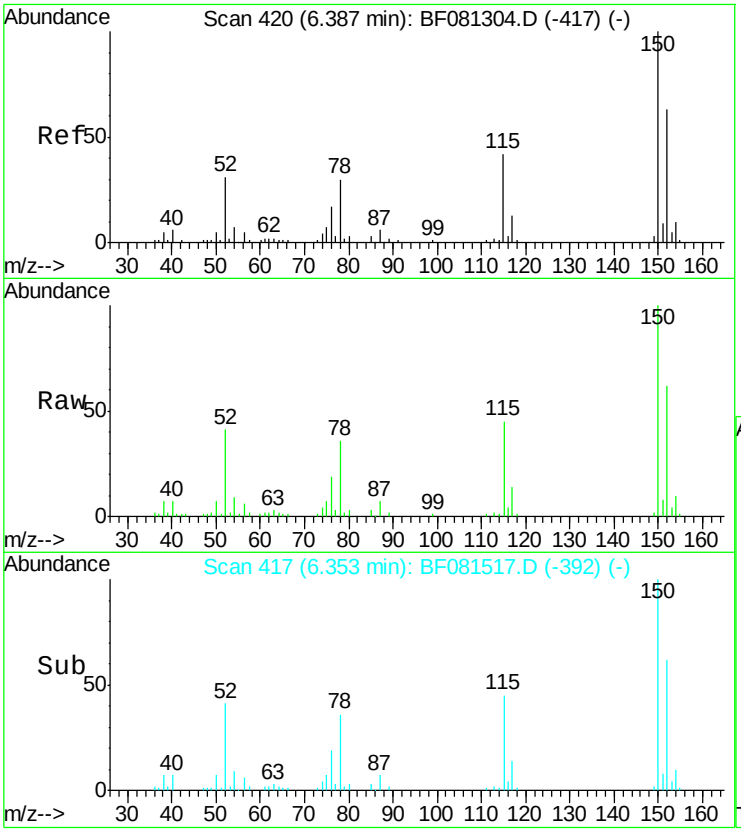
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081517.D
Acq On : 6 Sep 2015 18:55
Operator : UM/IZ
Sample : G3561-02
Misc :
ALS Vial : 92 Sample Multiplier: 1

Quant Time: Sep 07 07:25:09 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 07 05:41:57 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

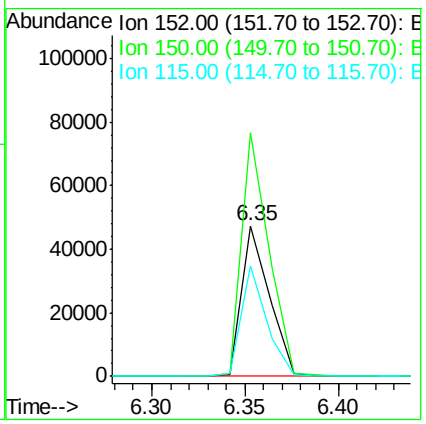




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

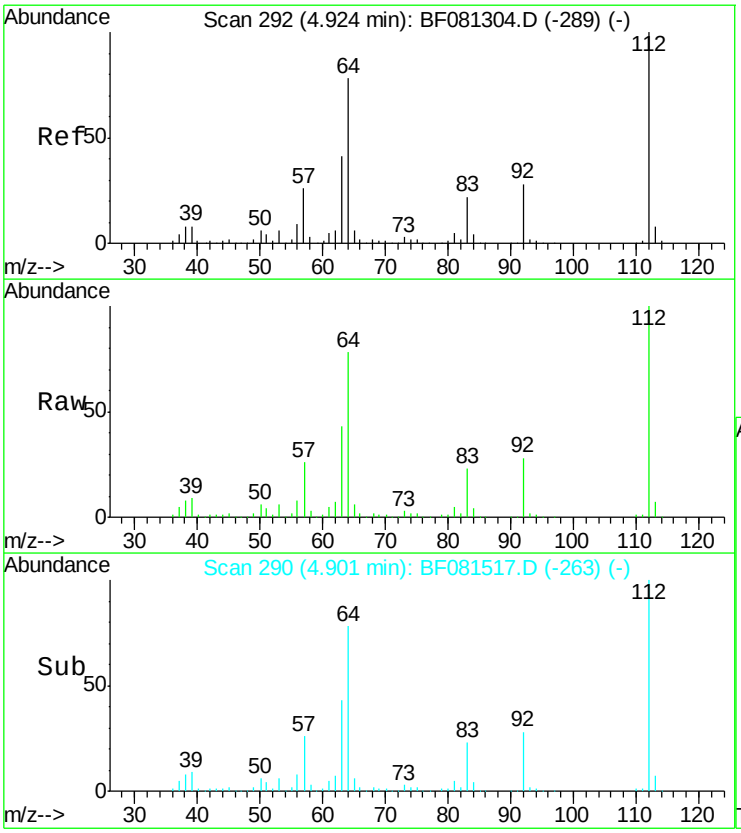
Tgt Ion:152 Resp: 48642

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.7	187.1
115	72.9	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

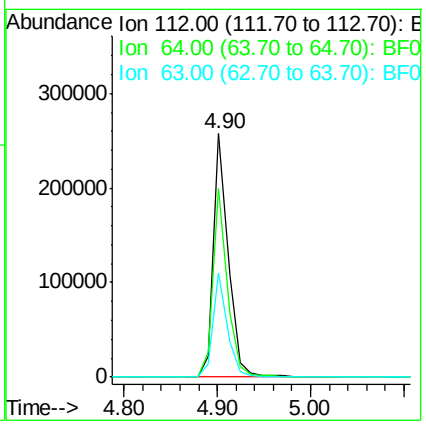
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

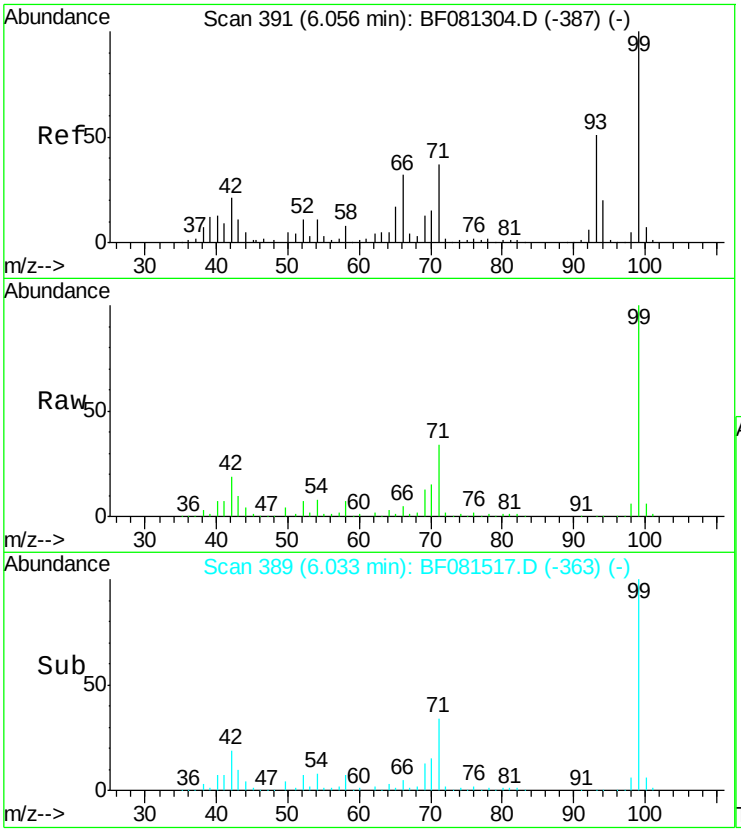


#5
2-Fluorophenol
Concen: 90.64 ng
RT: 4.90 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:112 Resp: 284167

Ion	Ratio	Lower	Upper
112	100		
64	77.7	39.7	59.5#
63	42.7	17.4	26.0#

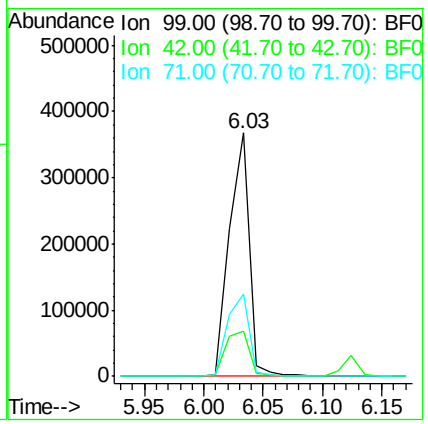




#7
Phenol-d6
Concen: 103.41 ng
RT: 6.03 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

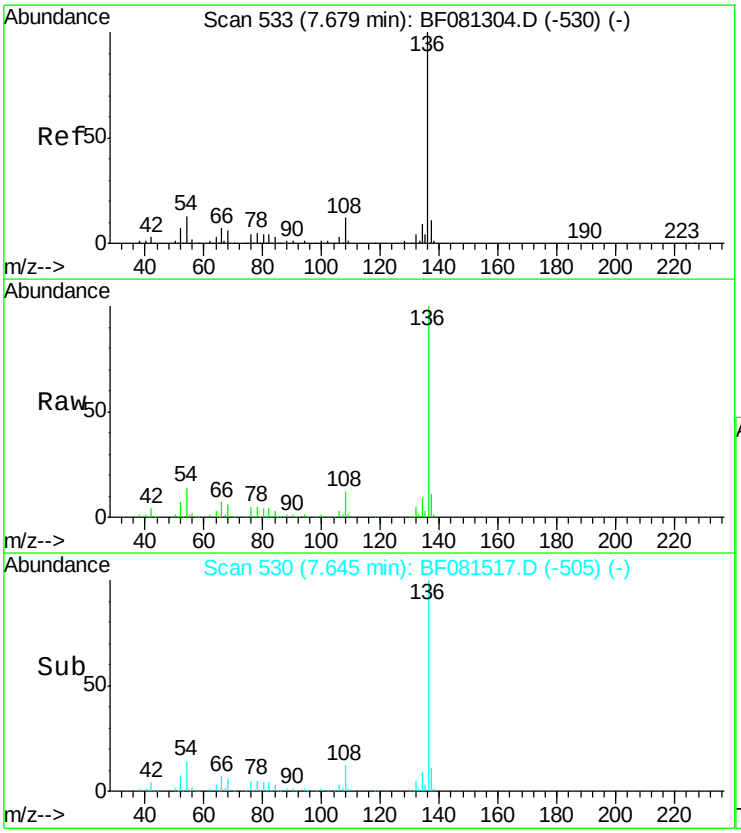
Tgt Ion: 99 Resp: 429152

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.7	20.5
71	33.8	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

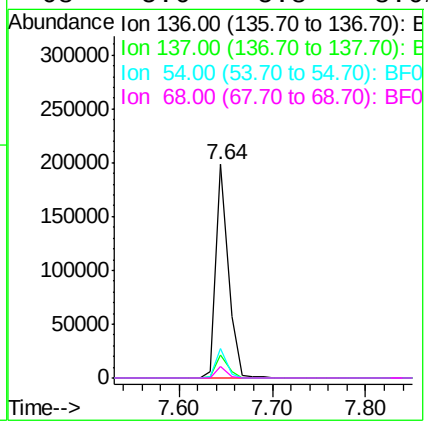
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

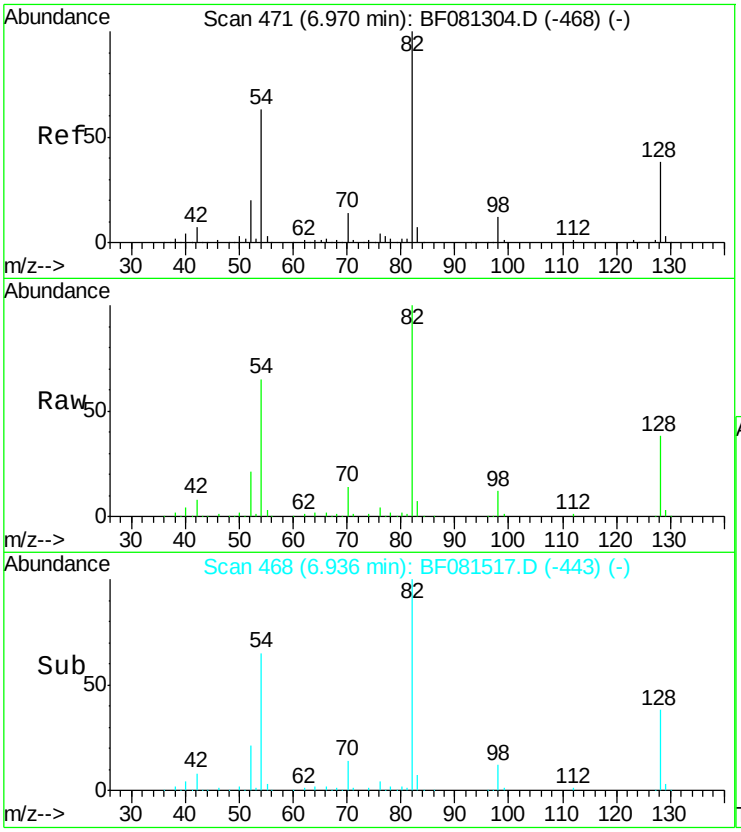


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:136 Resp: 183876

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	13.6	8.2	12.2#
68	5.6	5.8	8.6#

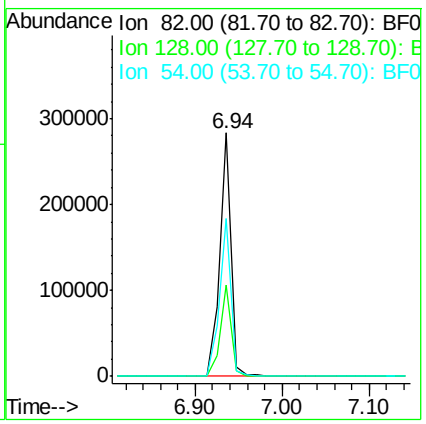




#23
Nitrobenzene-d5
Concen: 69.09 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

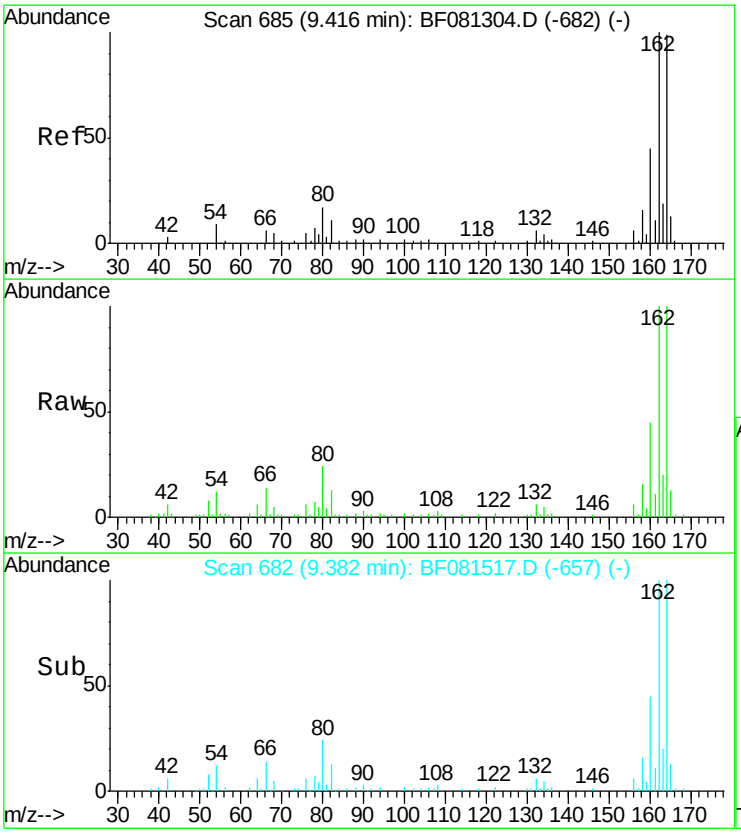
Tgt Ion: 82 Resp: 263303

Ion	Ratio	Lower	Upper
82	100		
128	37.6	51.0	76.6#
54	64.9	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

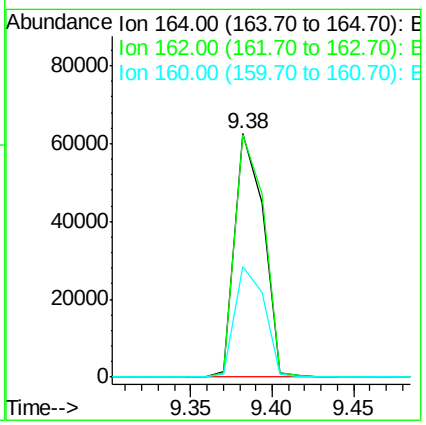
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

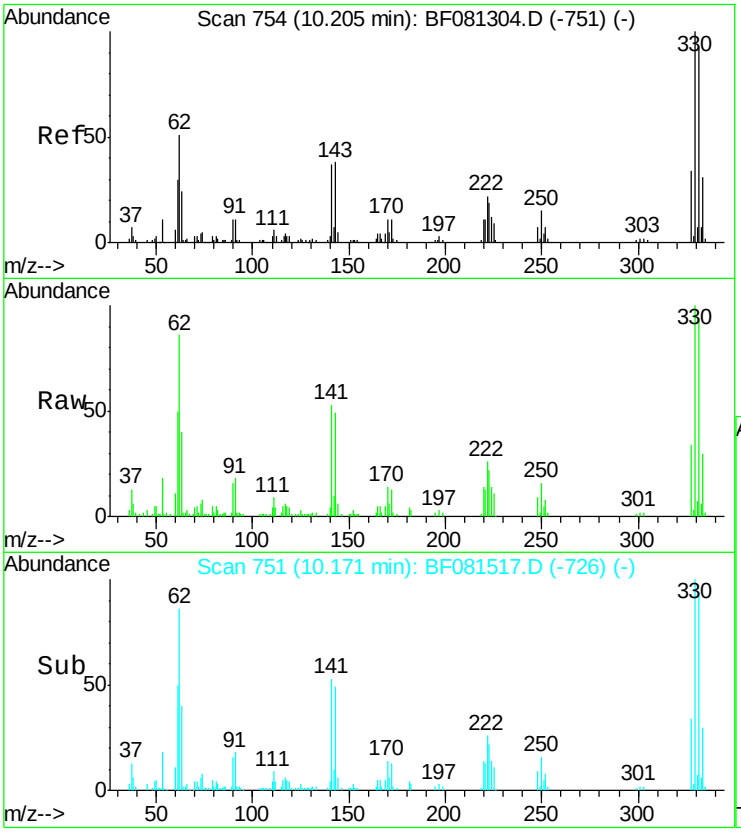


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:164 Resp: 75491

Ion	Ratio	Lower	Upper
164	100		
162	99.5	75.2	112.8
160	45.3	31.5	47.3

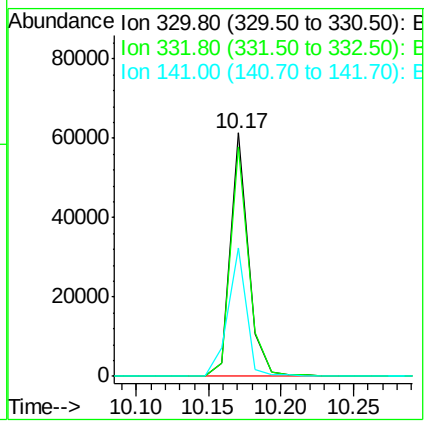




#41
2,4,6-Tribromophenol
Concen: 79.11 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

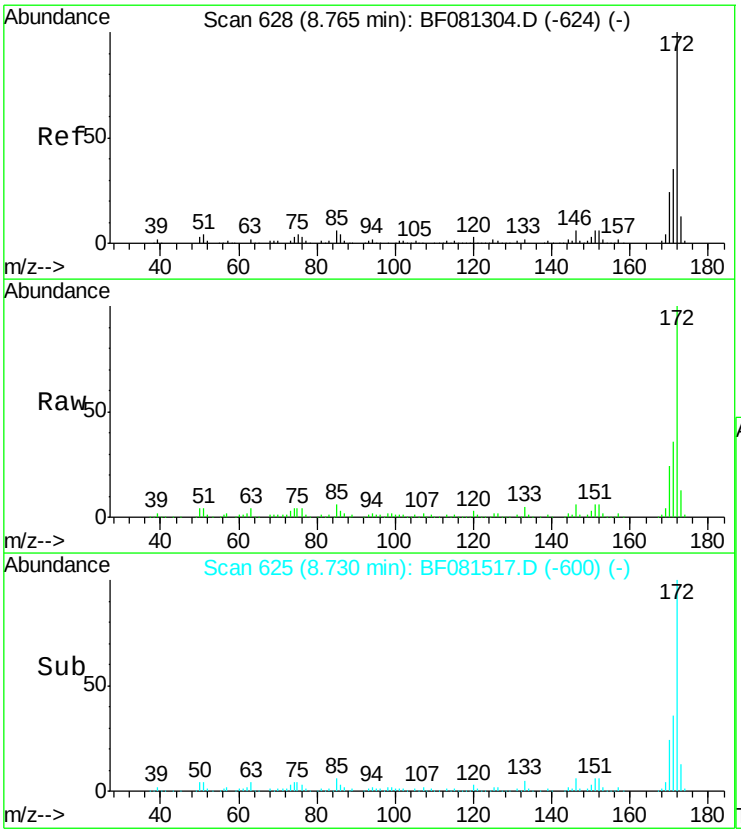
Tgt Ion:330 Resp: 53175

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	54.0	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

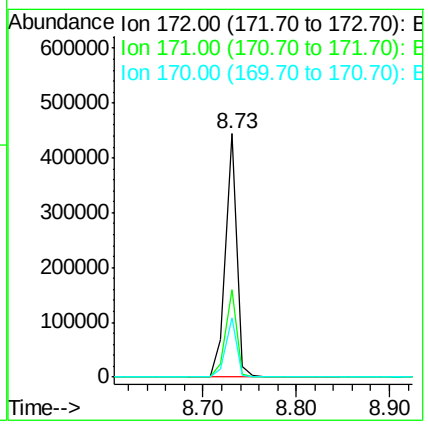
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

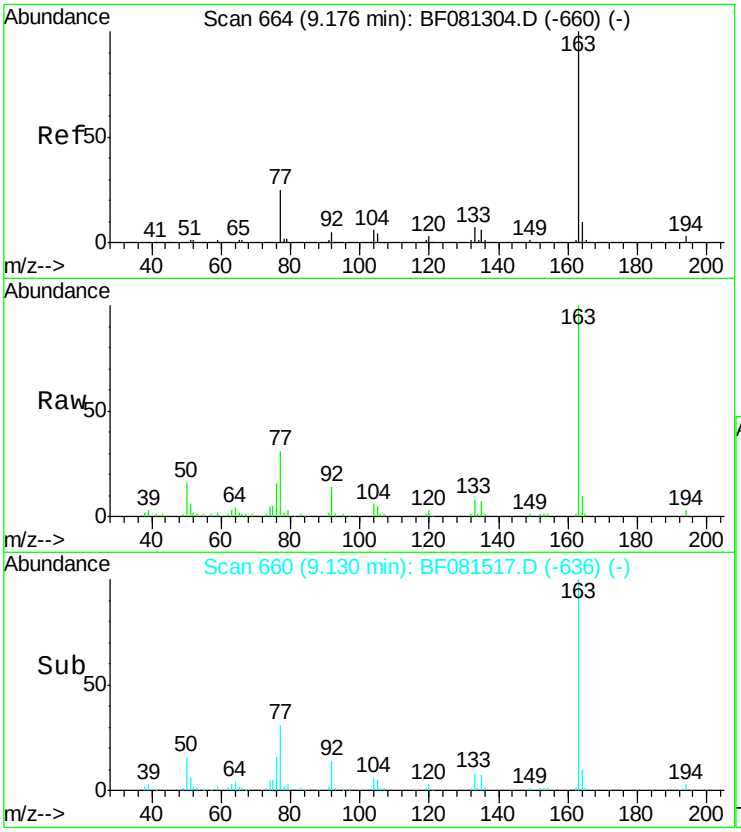


#44
2-Fluorobiphenyl
Concen: 62.68 ng
RT: 8.73 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:172 Resp: 369257

Ion	Ratio	Lower	Upper
172	100		
171	35.8	26.1	39.1
170	24.3	17.4	26.2

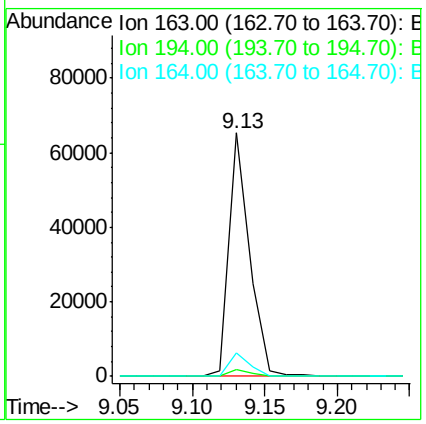




#49
Dimethylphthalate
Concen: 10.99 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

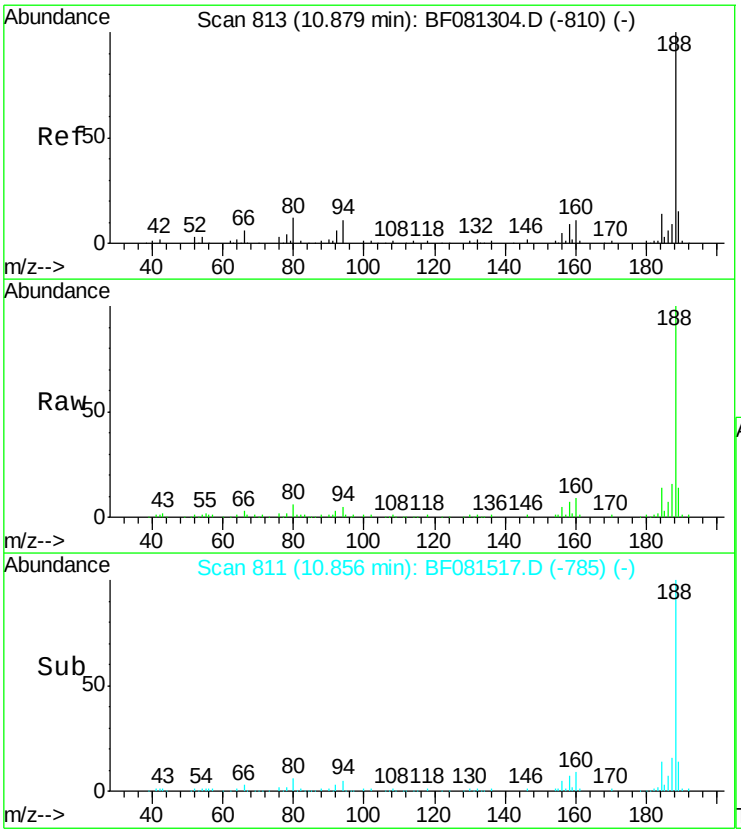
Tgt Ion:163 Resp: 64441

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	9.9	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

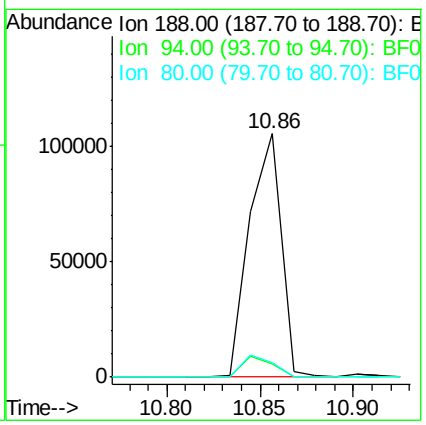
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

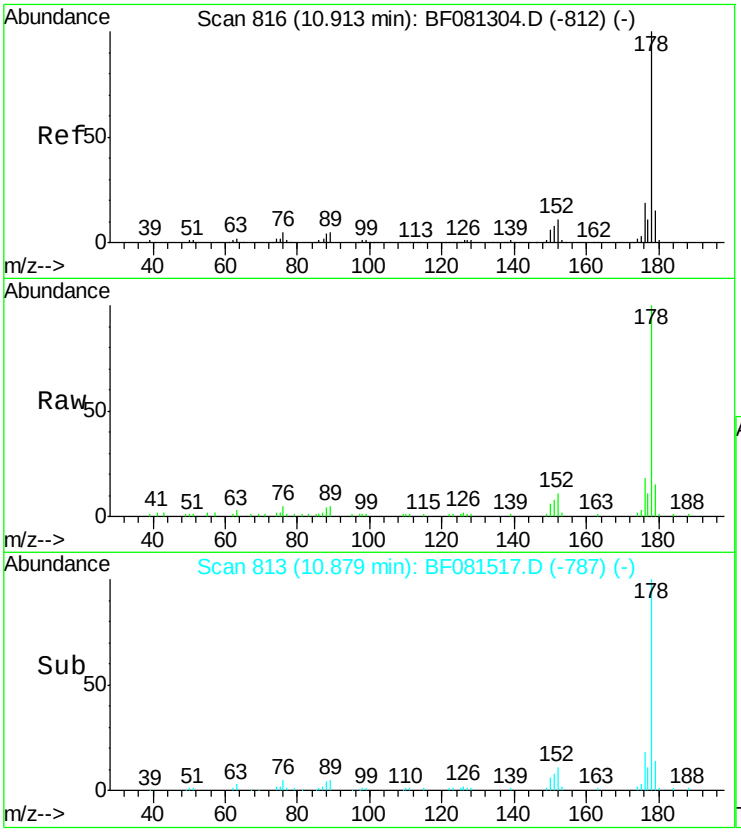


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:188 Resp: 124379

Ion	Ratio	Lower	Upper
188	100		
94	5.3	11.1	16.7#
80	5.7	11.0	16.4#

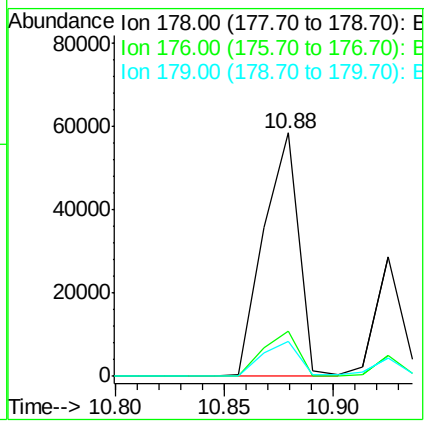




#70
Phenanthrene
Concen: 9.57 ng
RT: 10.88 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

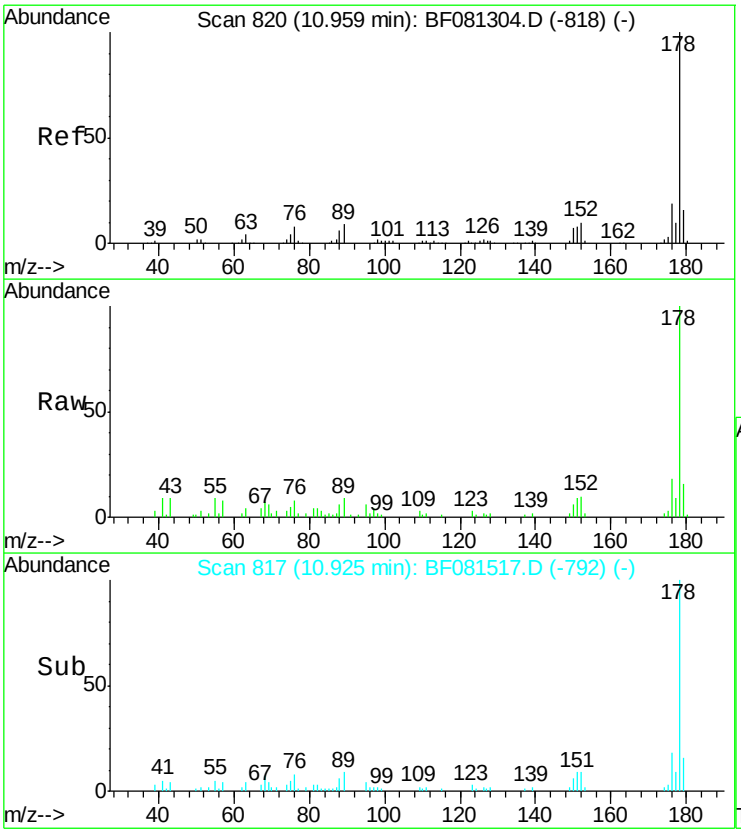
Tgt Ion:178 Resp: 66140

Ion	Ratio	Lower	Upper
178	100		
176	18.4	13.8	20.8
179	14.6	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

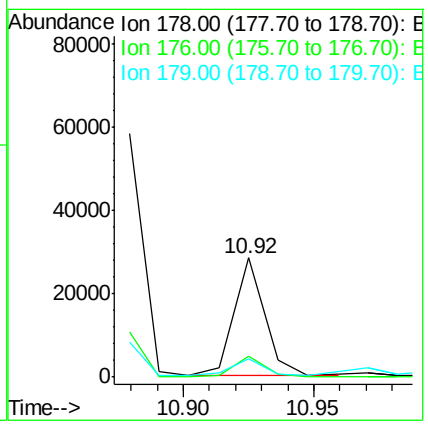
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

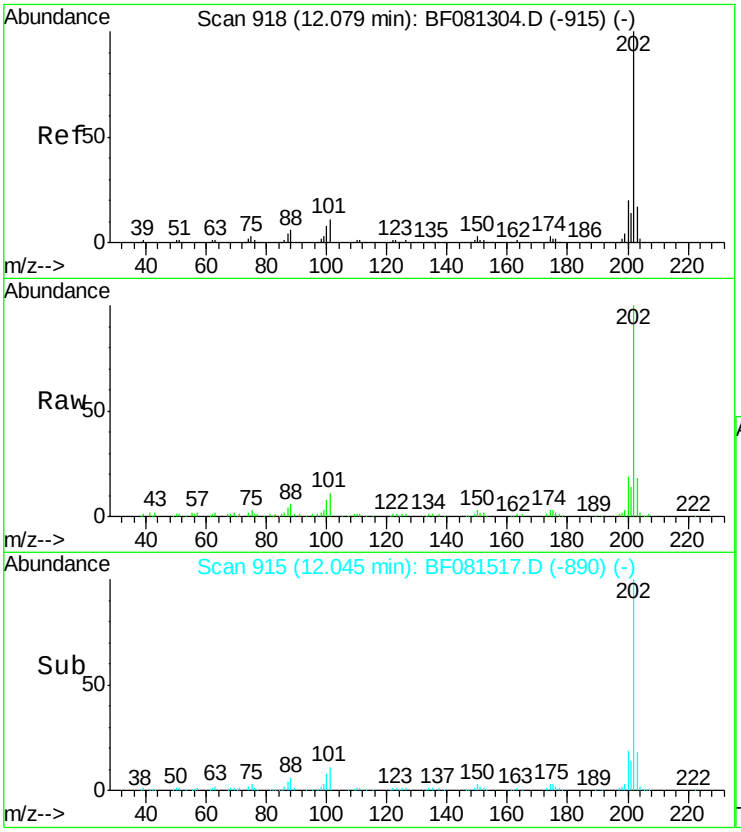


#71
Anthracene
Concen: 3.27 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:178 Resp: 23252

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.1	21.1
179	15.8	12.2	18.2

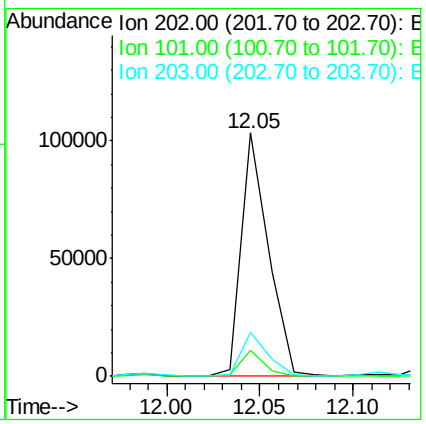




#74
Fluoranthene
Concen: 14.06 ng
RT: 12.05 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

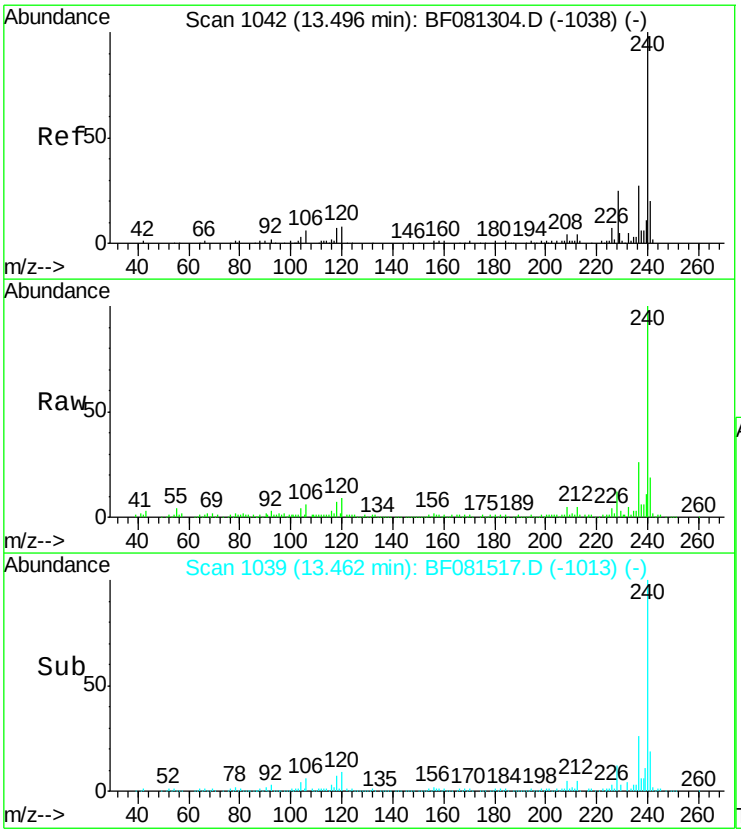
Tgt Ion:202 Resp: 105255

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	38.3
203	17.9	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

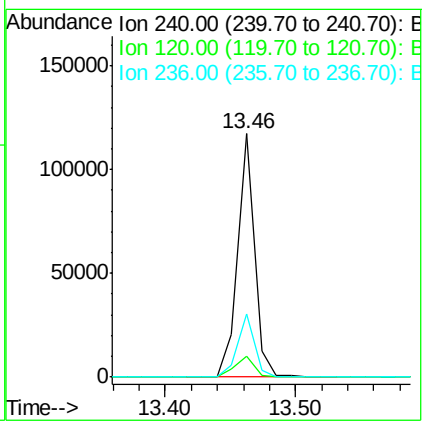
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

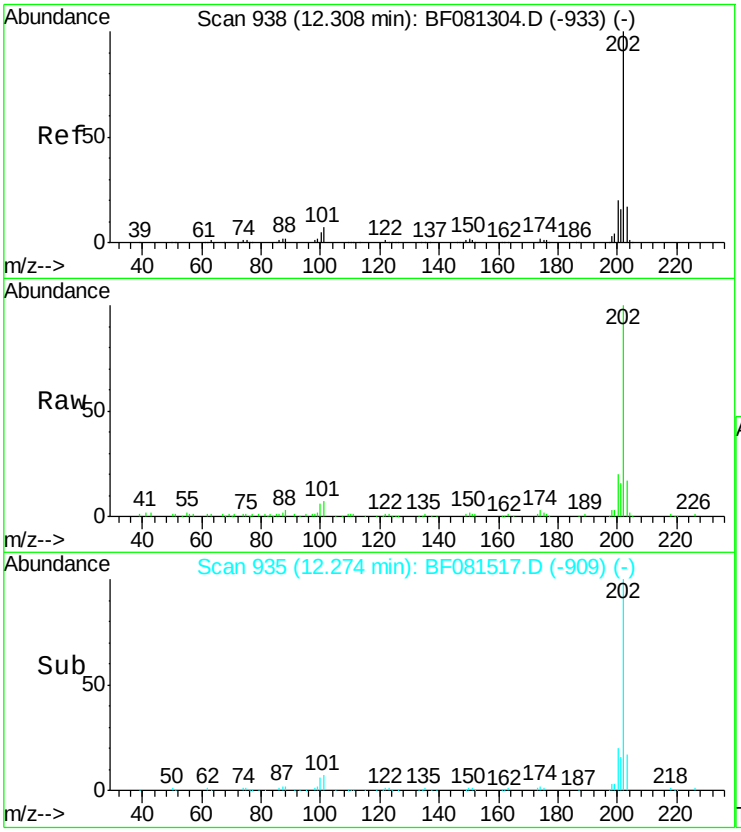


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.46 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:240 Resp: 104580

Ion	Ratio	Lower	Upper
240	100		
120	8.7	16.2	24.2#
236	25.9	18.4	27.6

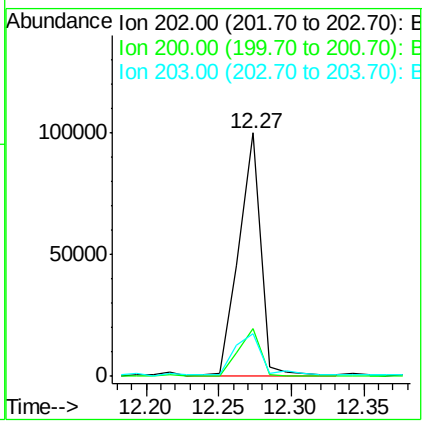




#77
Pyrene
Concen: 13.41 ng
RT: 12.27 min Scan# 935
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

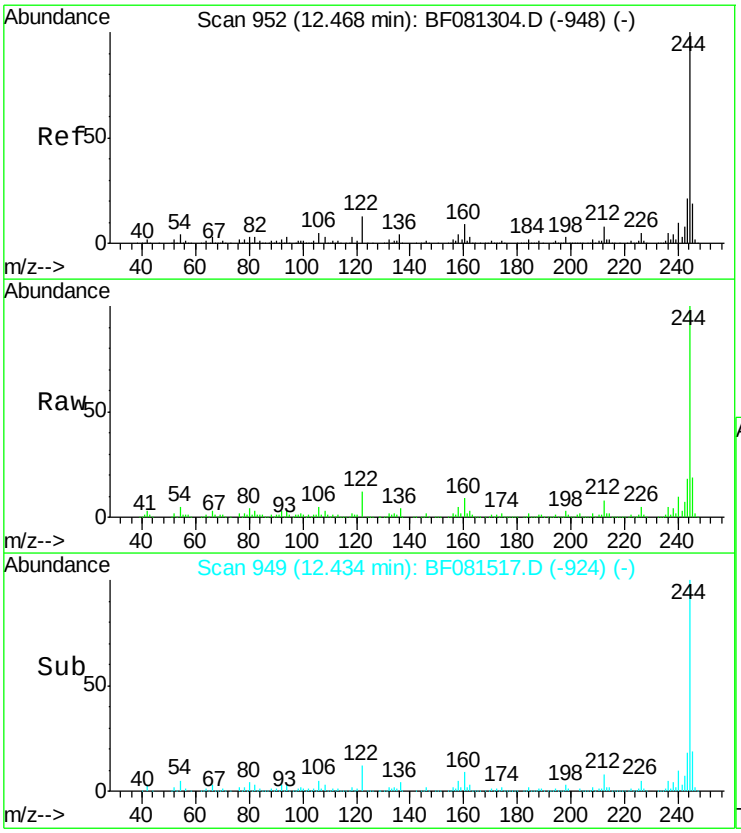
Tgt Ion:202 Resp: 103884

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.0	22.4
203	17.4	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

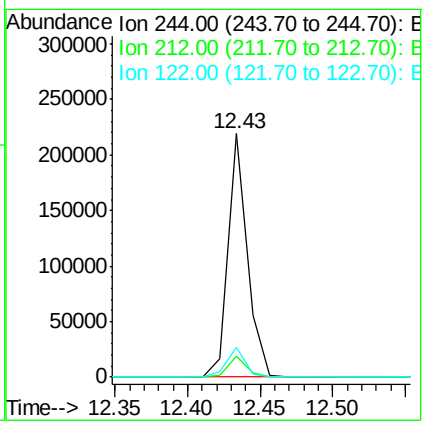
Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

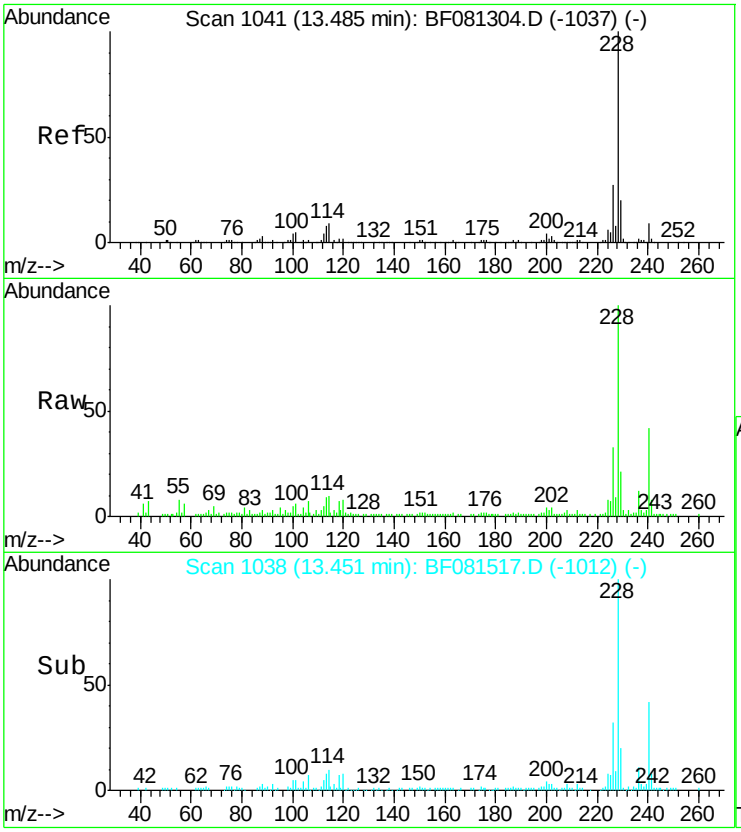


#78
Terphenyl-d14
Concen: 44.67 ng
RT: 12.43 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:244 Resp: 200696

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	12.5	17.4	26.2#





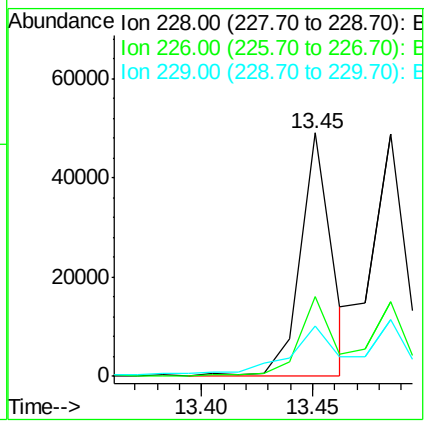
#80
Benzo(a)anthracene
Concen: 7.46 ng m
RT: 13.45 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

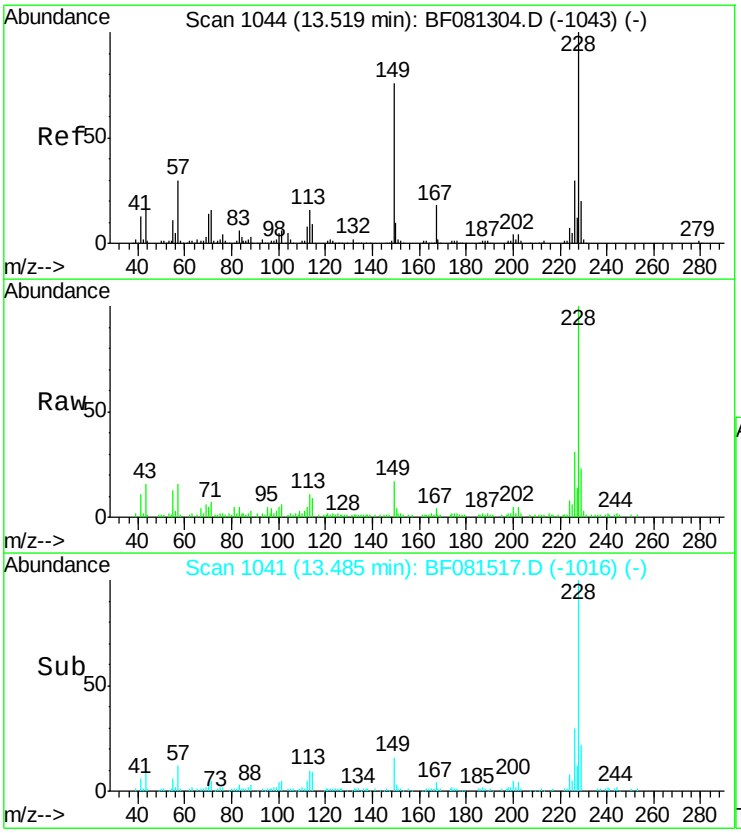
Tgt Ion:228 Resp: 49660

Ion	Ratio	Lower	Upper
228	100		
226	33.0	20.0	30.0#
229	20.7	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

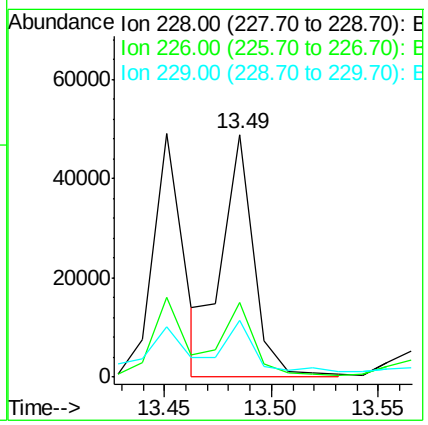


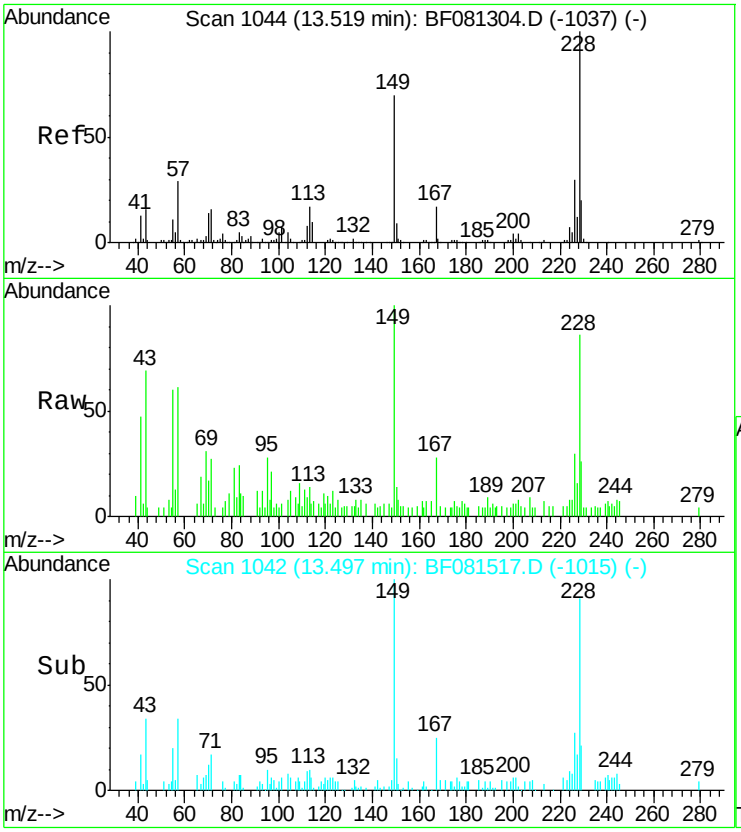


#82
Chrysene
Concen: 8.48 ng m
RT: 13.49 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:228 Resp: 50649

Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.0	31.4
229	23.5	15.6	23.4#





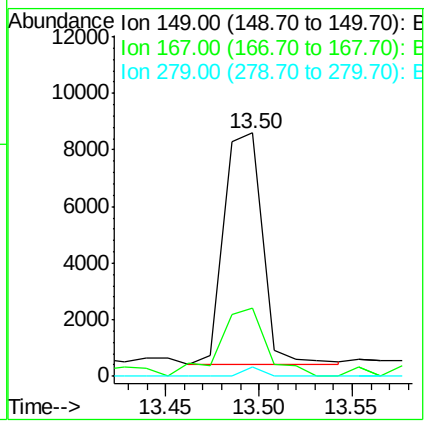
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.66 ng
RT: 13.50 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

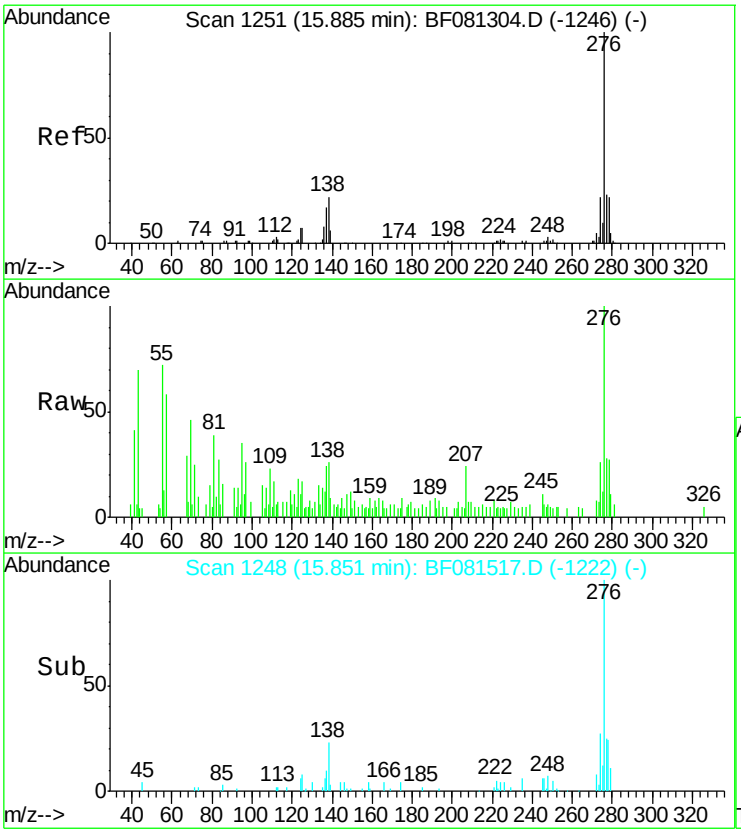
Tgt Ion:149 Resp: 11811

Ion	Ratio	Lower	Upper
149	100		
167	27.9	24.2	36.2
279	4.1	3.8	5.6

Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

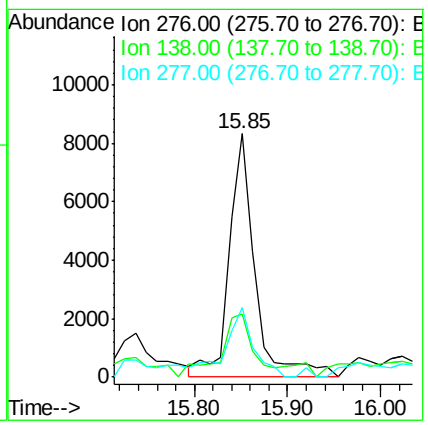


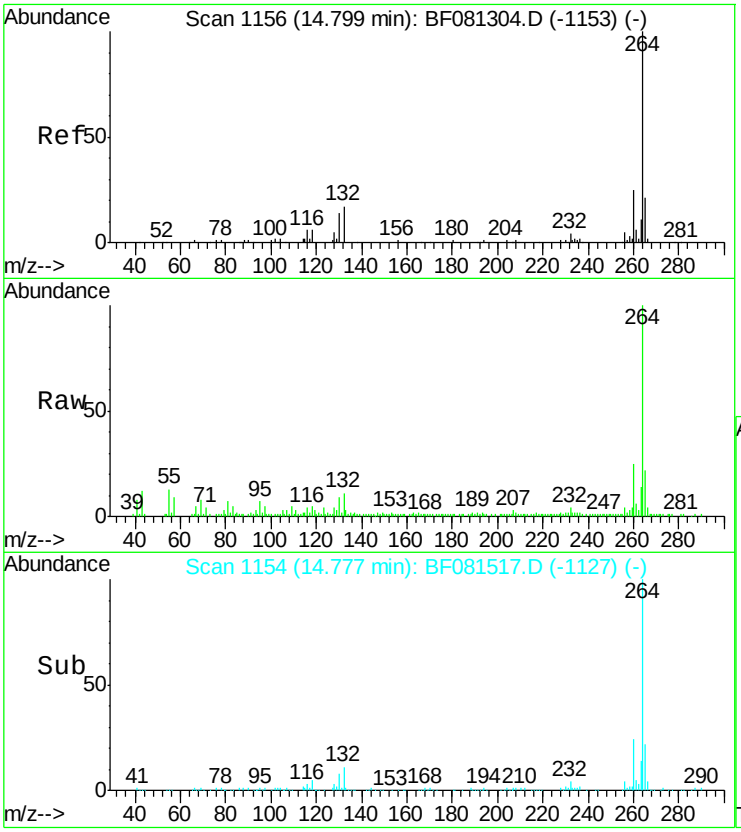


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng
RT: 15.85 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:276 Resp: 15998

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.7	38.5
277	31.4	15.6	23.4#





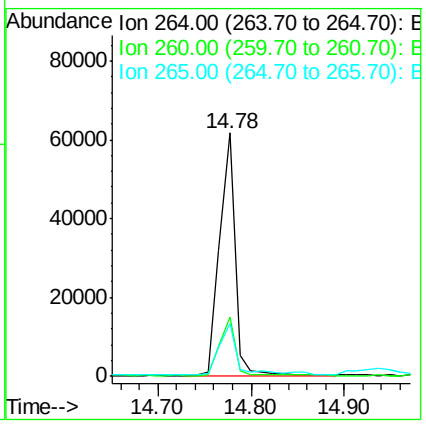
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

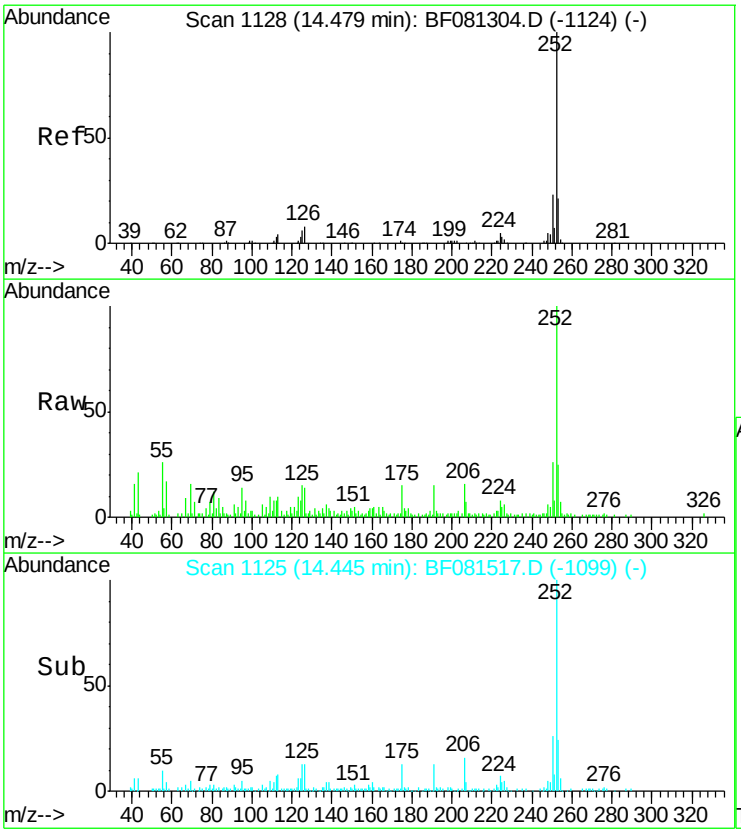
Tgt Ion:264 Resp: 72459

Ion	Ratio	Lower	Upper
264	100		
260	24.5	16.7	25.1
265	21.8	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

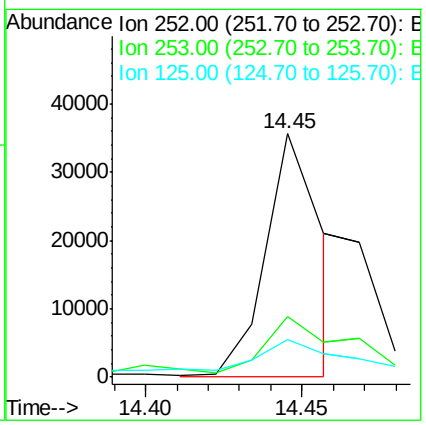


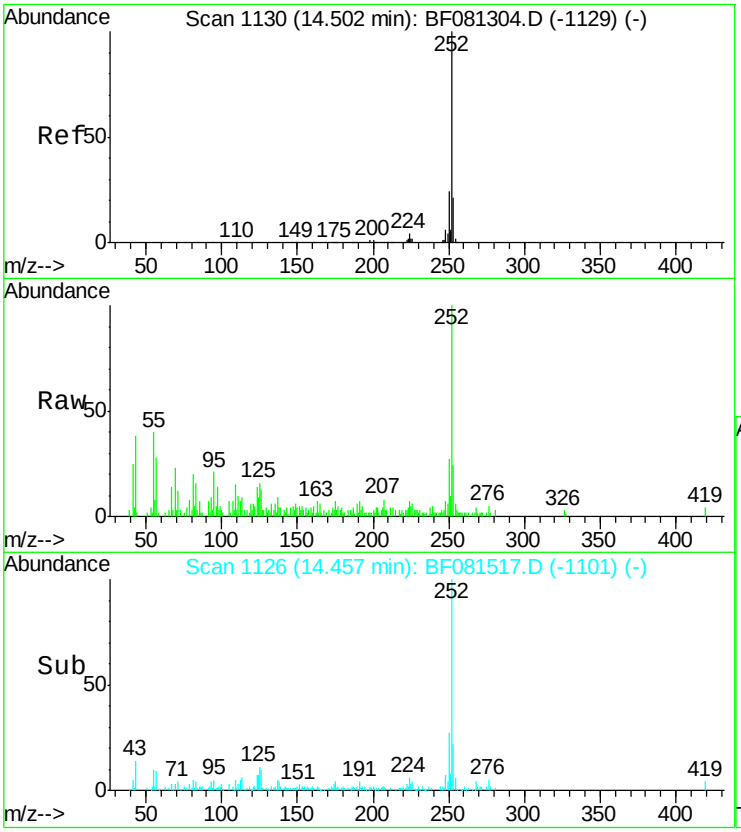


#87
Benzo(b)fluoranthene
Concen: 8.61 ng m
RT: 14.45 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:252 Resp: 44539

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	15.3	17.1	25.7#





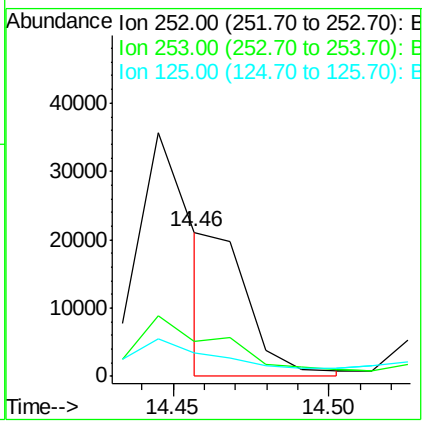
#88
Benzo(k)fluoranthene
Concen: 4.04 ng m
RT: 14.46 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

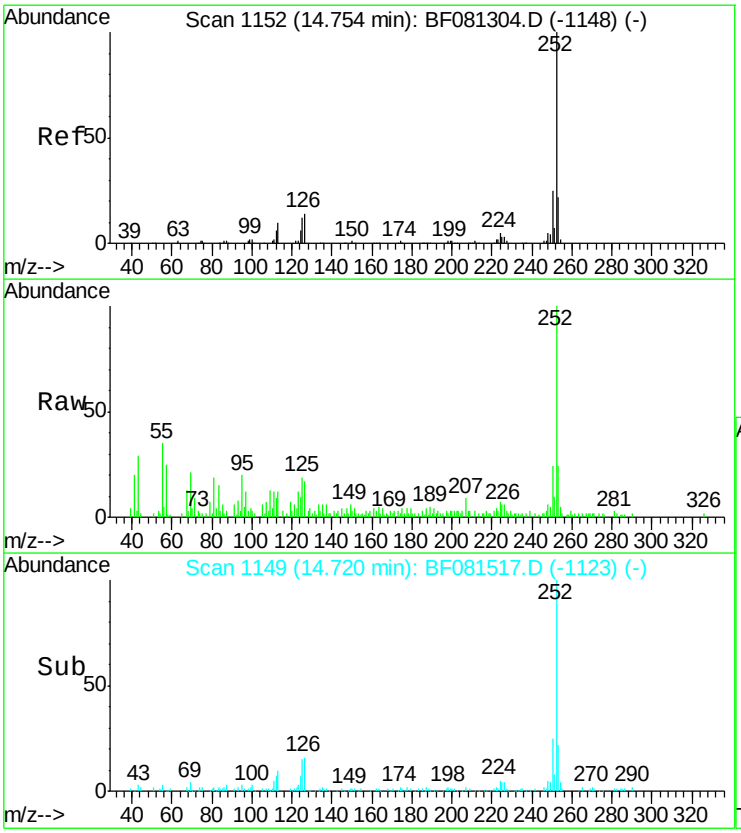
Tgt Ion:252 Resp: 17349

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	15.8	16.0	24.0#

Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM

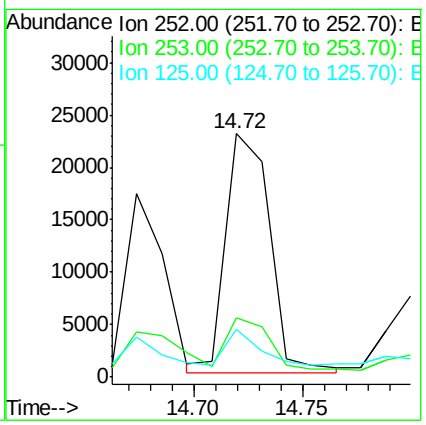


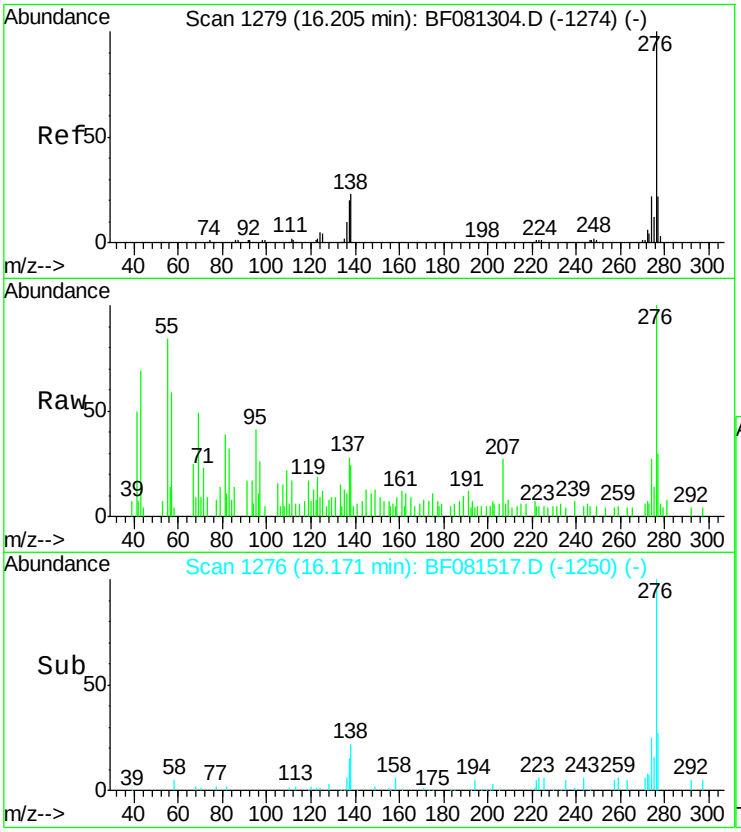


#89
Benzo(a)pyrene
Concen: 7.33 ng
RT: 14.72 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:252 Resp: 32116

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	19.5	18.0	27.0

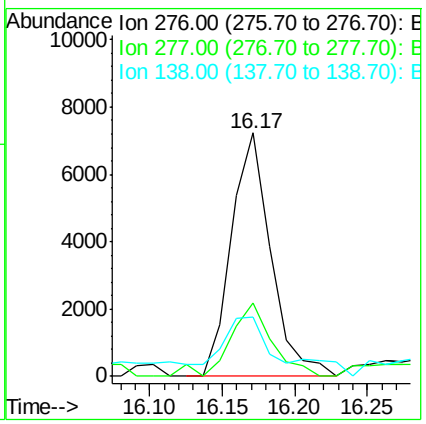




#91
Benzo(g,h,i)perylene
Concen: 4.24 ng
RT: 16.17 min Scan# 1276
Delta R.T. 0.00 min
Lab File: BF081517.D
Acq: 6 Sep 2015 18:55

Tgt Ion:276 Resp: 13711

Ion	Ratio	Lower	Upper
276	100		
277	30.0	17.8	26.6#
138	24.3	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
SANDYLOAM

Manual Integrations APPROVED
MMDadoda
9/8/2015 3:59:12 PM