Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

Quant Time: Aug 03 07:35:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	189680	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	654178	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	286850	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	422345	20.00	ng		0.00
75) Chrysene-d12	14.00	240	256325	20.00	ng		0.00
86) Perylene-d12	15.43	264	366949	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	952893	86.18	ng		0.01
7) Phenol-d6	6.49	99	1376800	91.46	ng		0.00
23) Nitrobenzene-d5	7.41	82	769939	56.99	ng		-0.01
41) 2,4,6-Tribromophenol	10.67	330	253614	85.21	ng		-0.01
44) 2-Fluorobiphenyl	9.22	172	1580396	82.20	ng		0.00
78) Terphenyl-d14	12.96	244	943289	69.60	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	7.87	122	103557	14.53	ng		97
49) Dimethylphthalate	9.61	163	557607	27.58	ng		99
70) Phenanthrene	11.39	178	42722	2.01	ng		96
74) Fluoranthene	12.58	202	87499	4.25	ng		96
77) Pyrene	12.81	202	75939	3.82	ng		99
80) Benzo(a)anthracene	13.99	228	36281	2.35	ng		96
82) Chrysene	14.02	228	31323m	2.09	ng		
85) Indeno(1,2,3-cd)pyrene	16.80	276	29072	4.65	ng	#	88
87) Benzo(b)fluoranthene	15.01	252	71326m	3.25	ng		
89) Benzo(a)pyrene	15.36	252	38671	2.15	ng	#	78

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
Data File : BF080801.D
Acq On : 2 Aug 2015 1:42
Operator : TP/UM
Sample : G3125-01
Misc :
ALS Vial : 87 Sample Multiplier: 1

Quant Time: Aug 03 07:35:06 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
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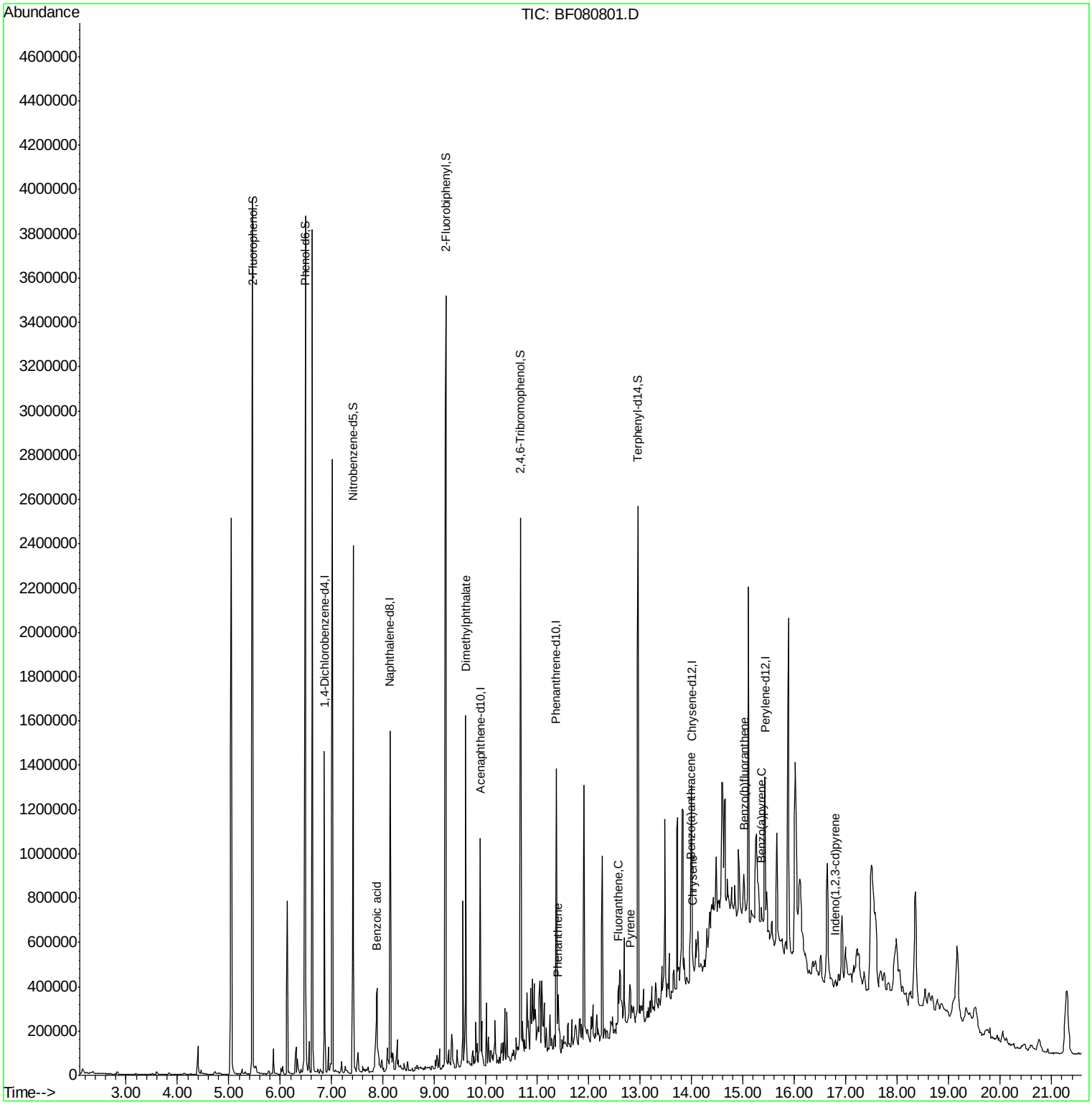
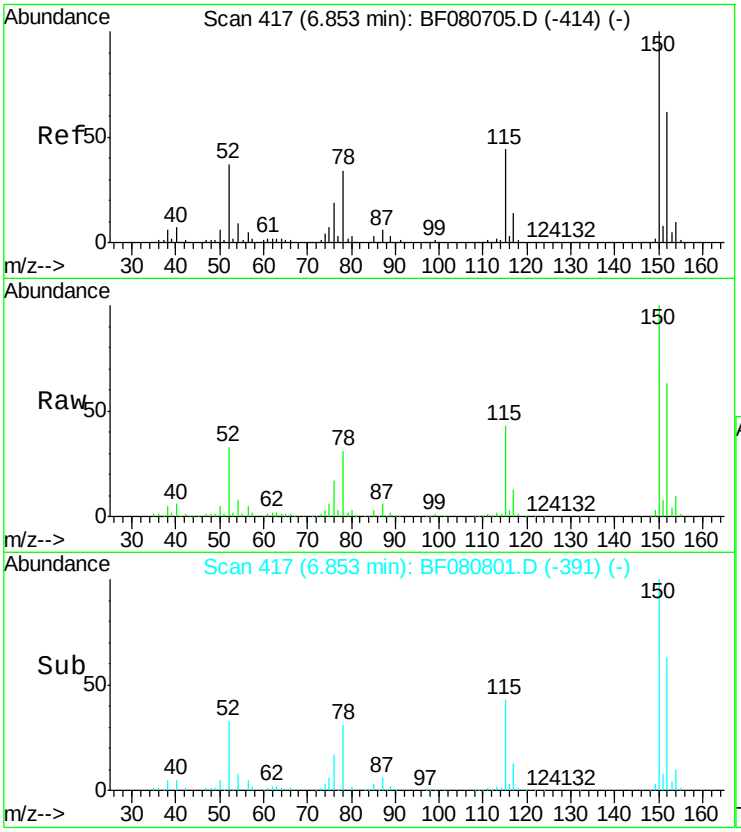
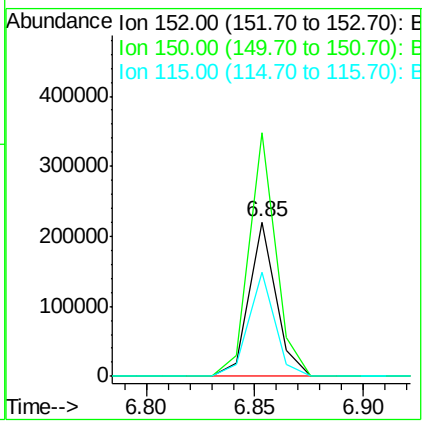




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

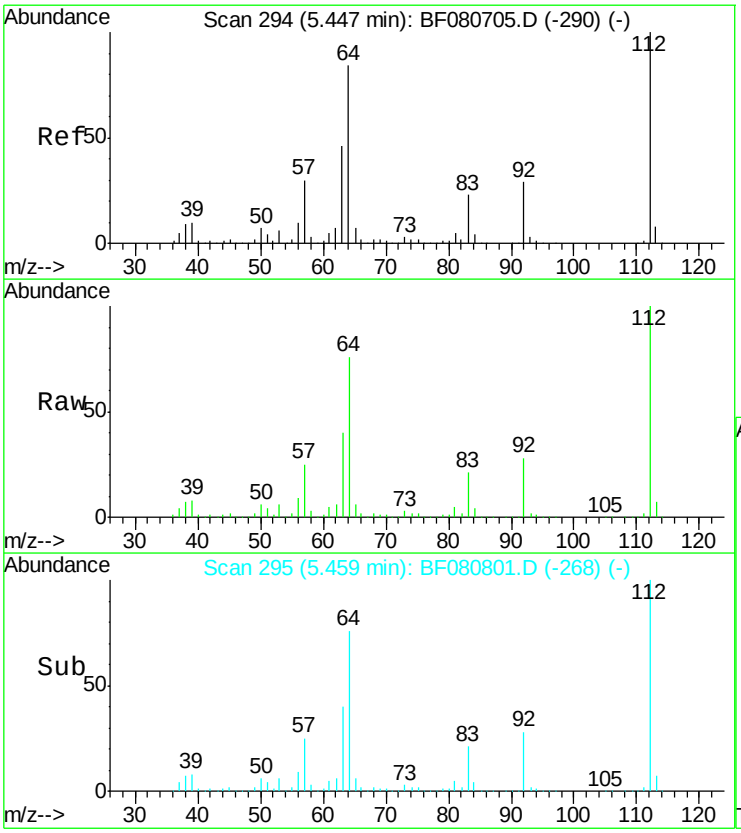
Tgt Ion:152 Resp: 189680

Ion	Ratio	Lower	Upper
152	100		
150	157.6	129.6	194.4
115	67.7	56.6	85.0



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

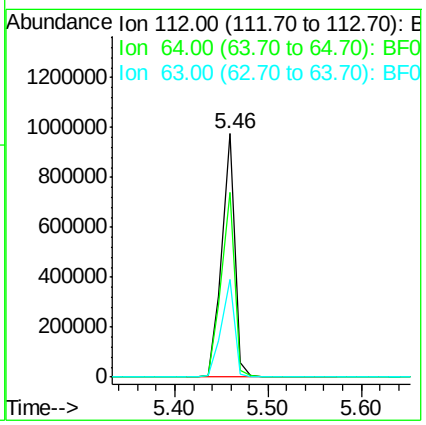
Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

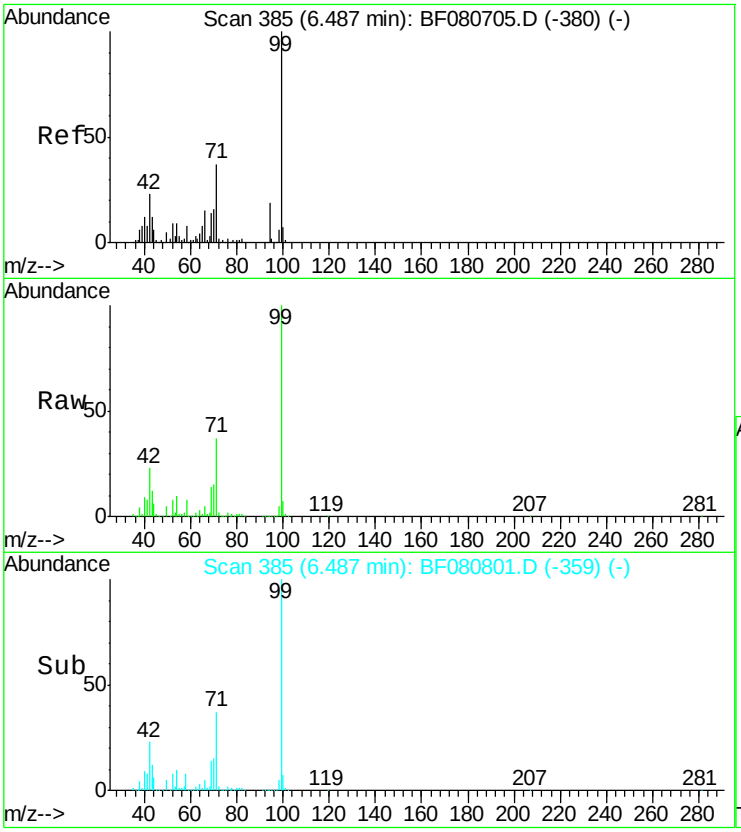


#5
2-Fluorophenol
Concen: 86.18 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:112 Resp: 952893

Ion	Ratio	Lower	Upper
112	100		
64	75.9	66.8	100.2
63	40.0	36.7	55.1

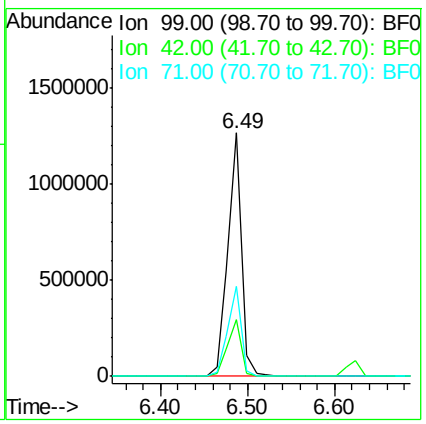




#7
Phenol-d6
Concen: 91.46 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion: 99 Resp: 1376800

Ion	Ratio	Lower	Upper
99	100		
42	23.3	18.2	27.2
71	36.9	29.5	44.3



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
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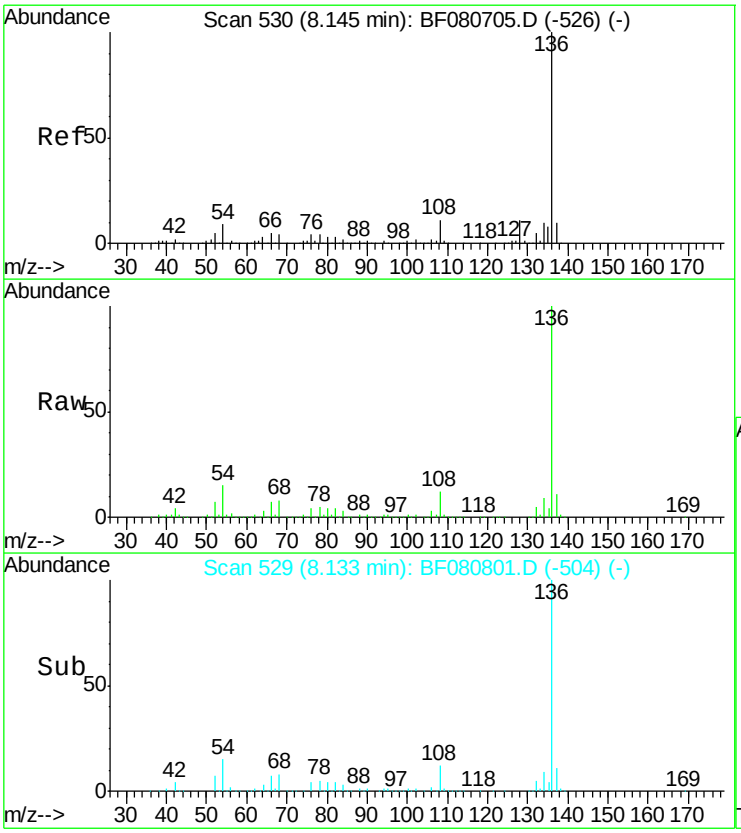
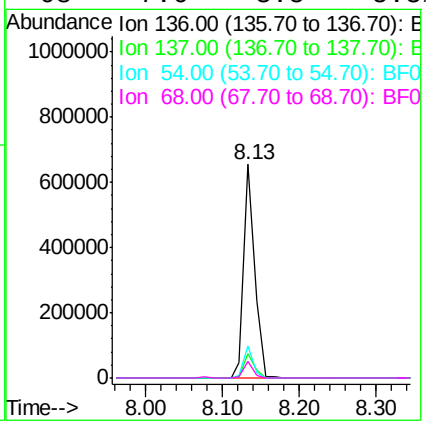
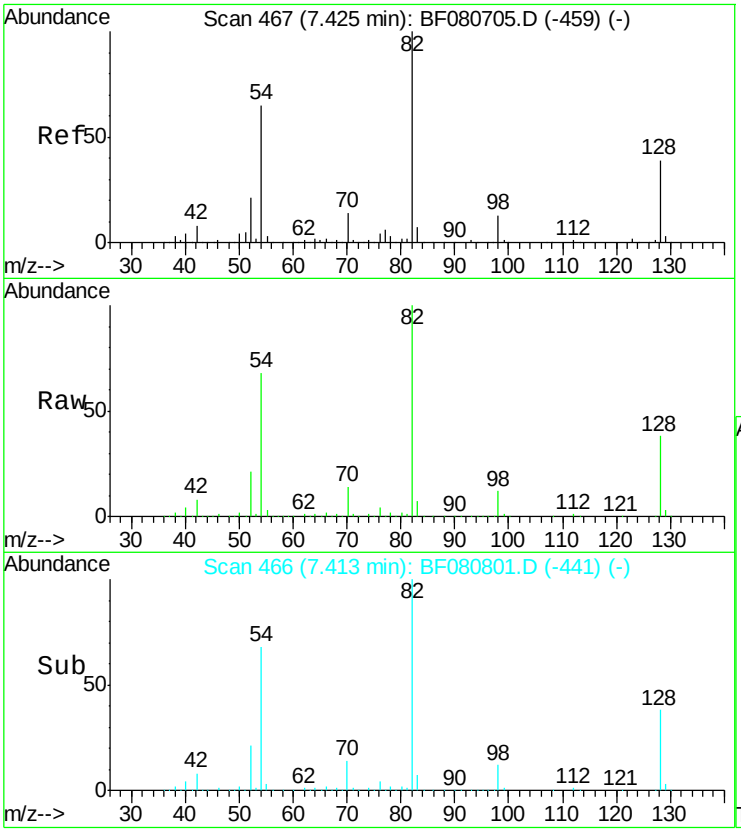


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:136 Resp: 654178

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	14.9	6.9	10.3#
68	7.6	3.5	5.3#

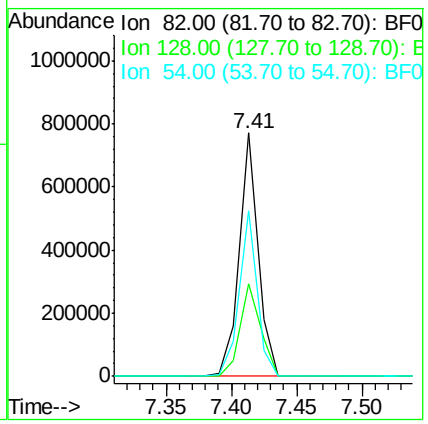




#23
Nitrobenzene-d5
Concen: 56.99 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion: 82 Resp: 769939

Ion	Ratio	Lower	Upper
82	100		
128	38.1	31.5	47.3
54	68.1	51.8	77.8



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
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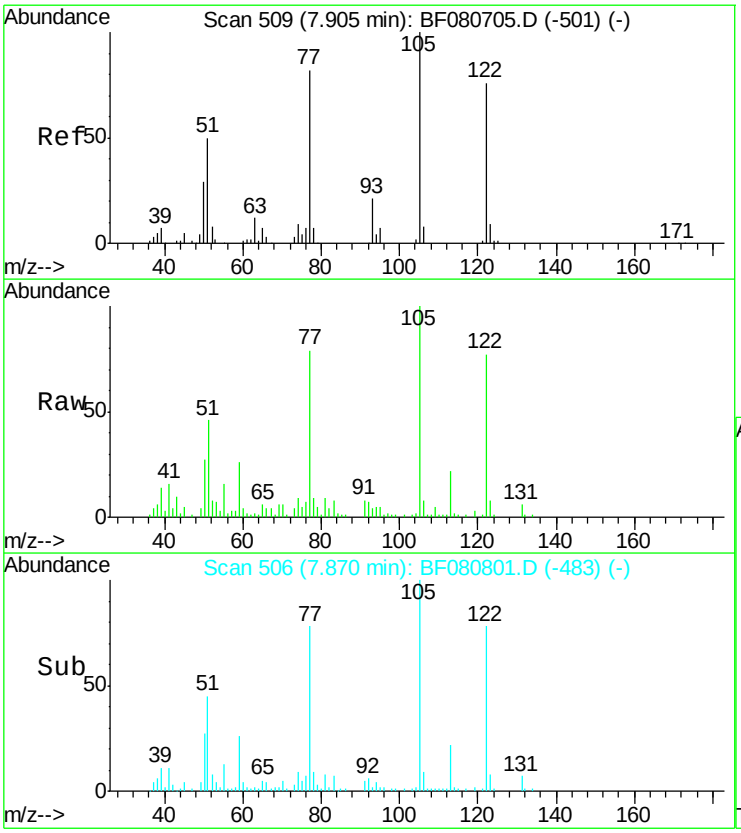
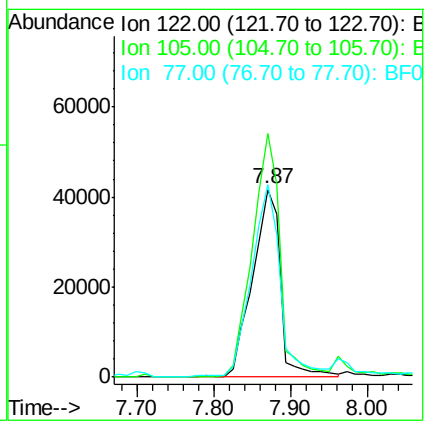
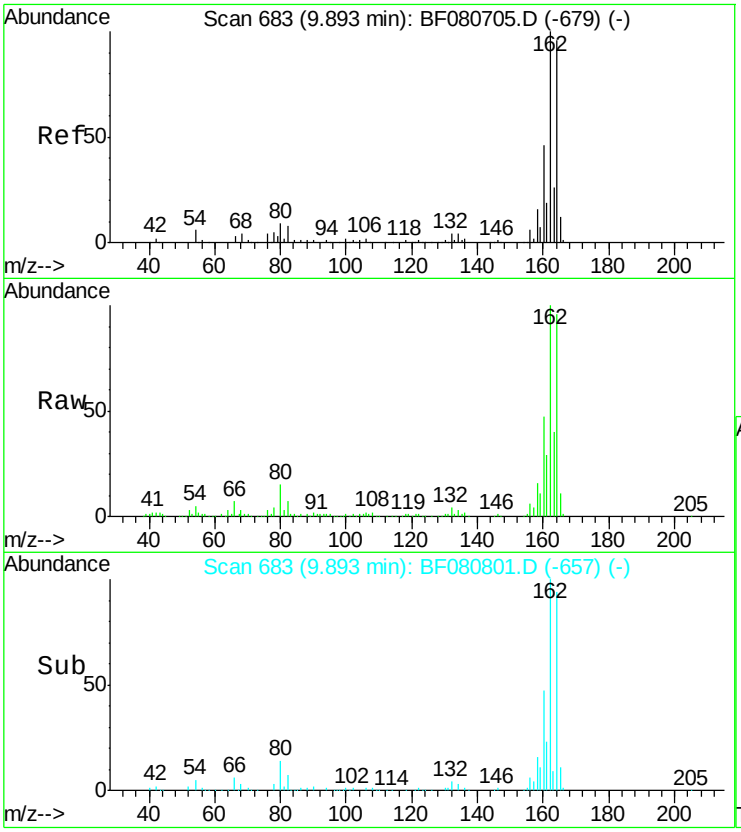


#32
Benzoic acid
Concen: 14.53 ng
RT: 7.87 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:122 Resp: 103557

Ion	Ratio	Lower	Upper
122	100		
105	129.6	111.3	151.3
77	102.2	88.1	128.1

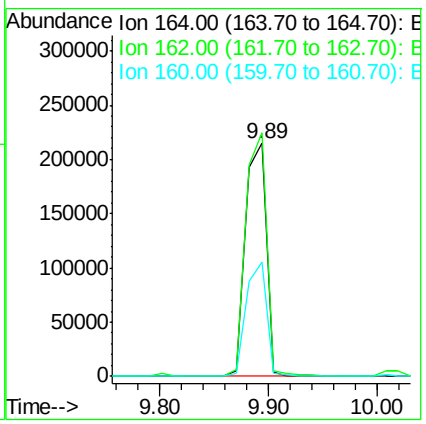




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:164 Resp: 286850

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.4	125.0
160	48.8	38.0	57.0



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
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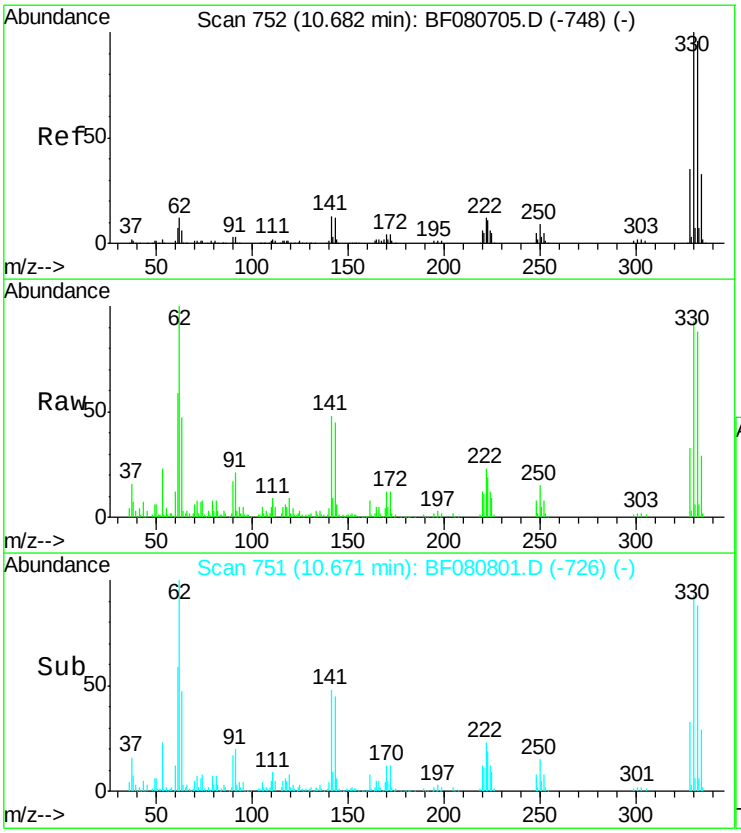
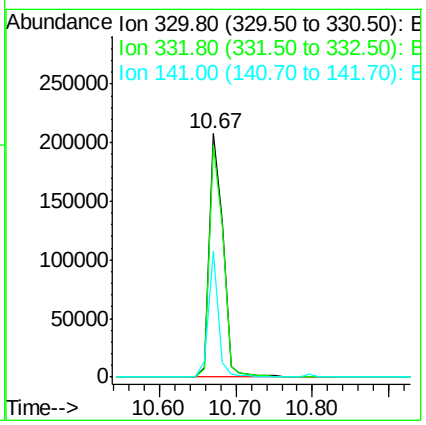
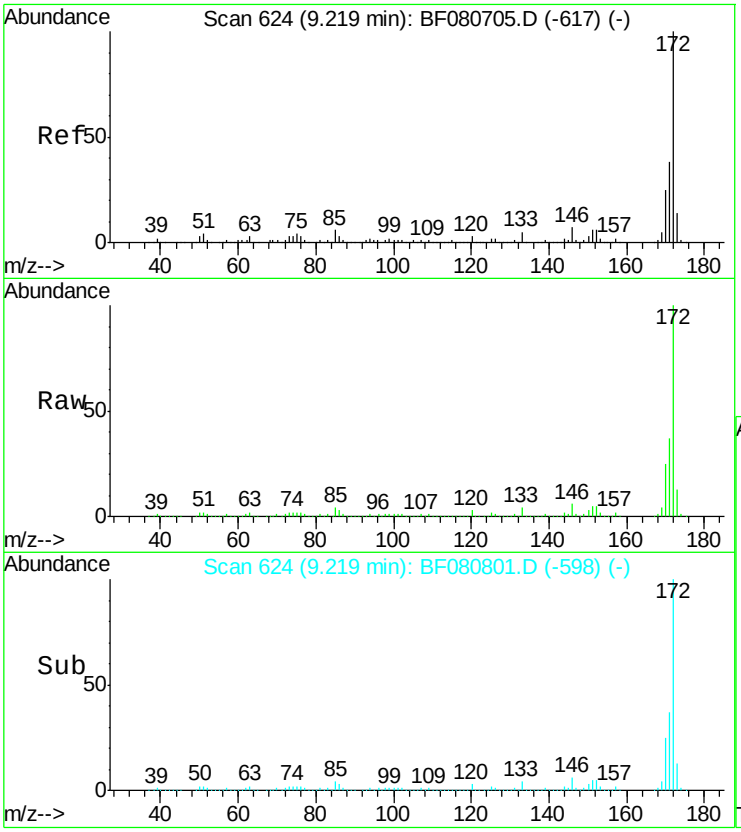


#41
2,4,6-Tribromophenol
Concen: 85.21 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:330 Resp: 253614

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	38.3	26.0	39.0

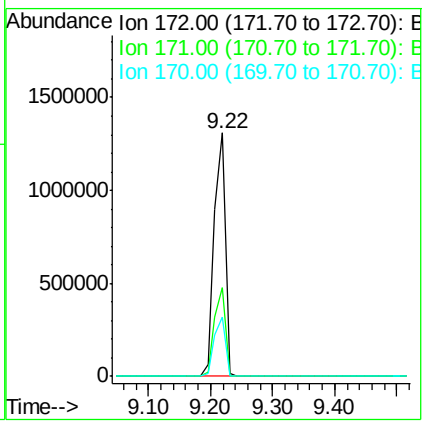




#44
2-Fluorobiphenyl
Concen: 82.20 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:172 Resp: 1580396

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.2	45.4
170	24.5	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
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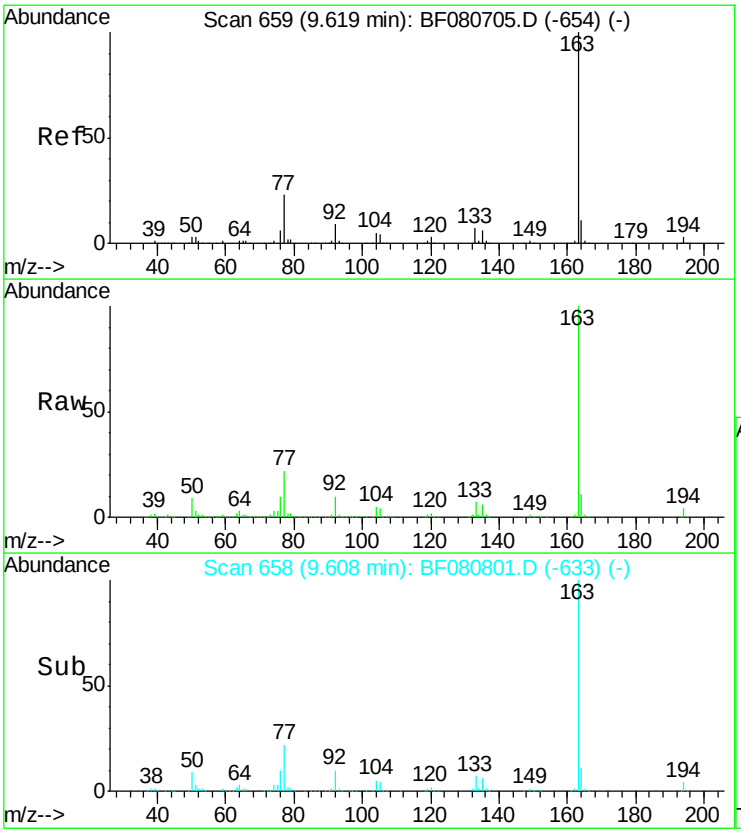
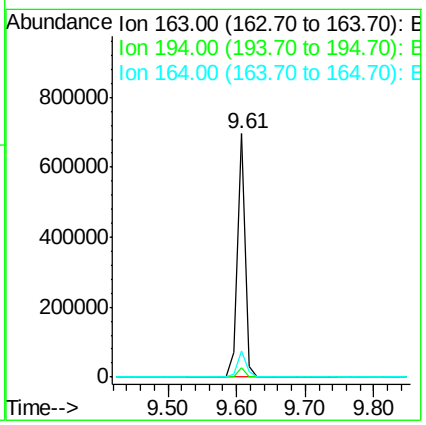
8/3/2015 3:42:32 PM

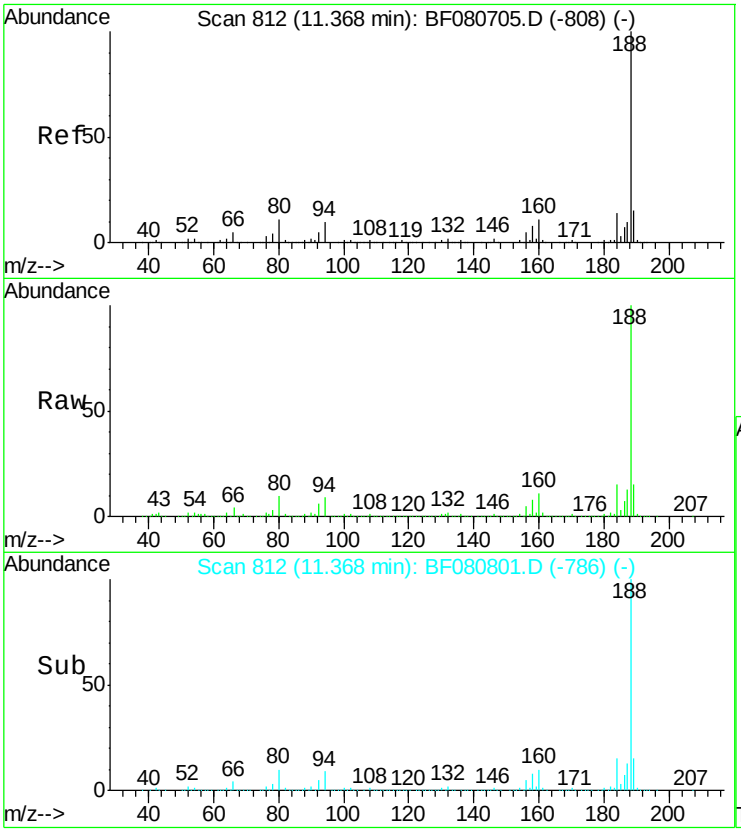


#49
Dimethylphthalate
Concen: 27.58 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:163 Resp: 557607

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.7	8.7	13.1

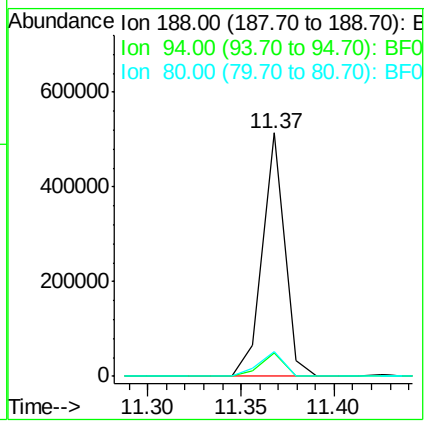




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

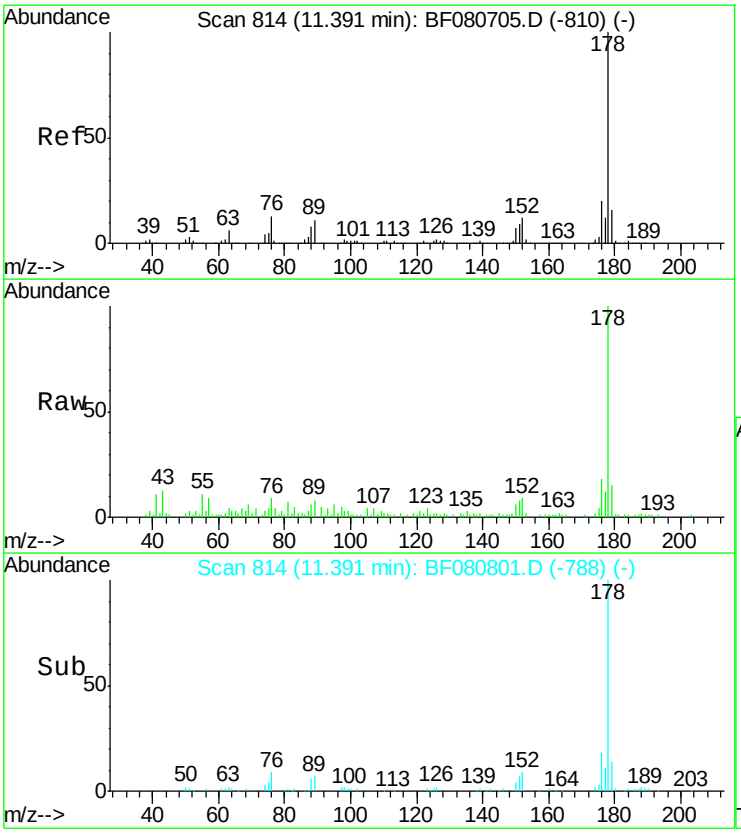
Tgt Ion:188 Resp: 422345

Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.1	12.1
80	10.0	9.1	13.7



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

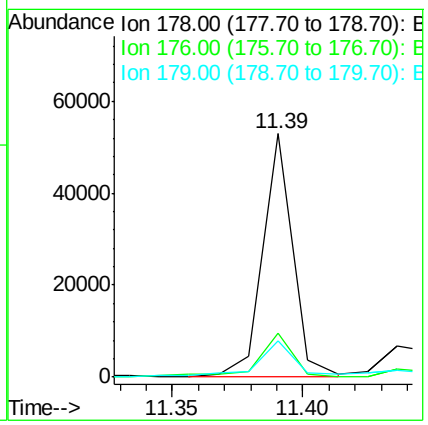
Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

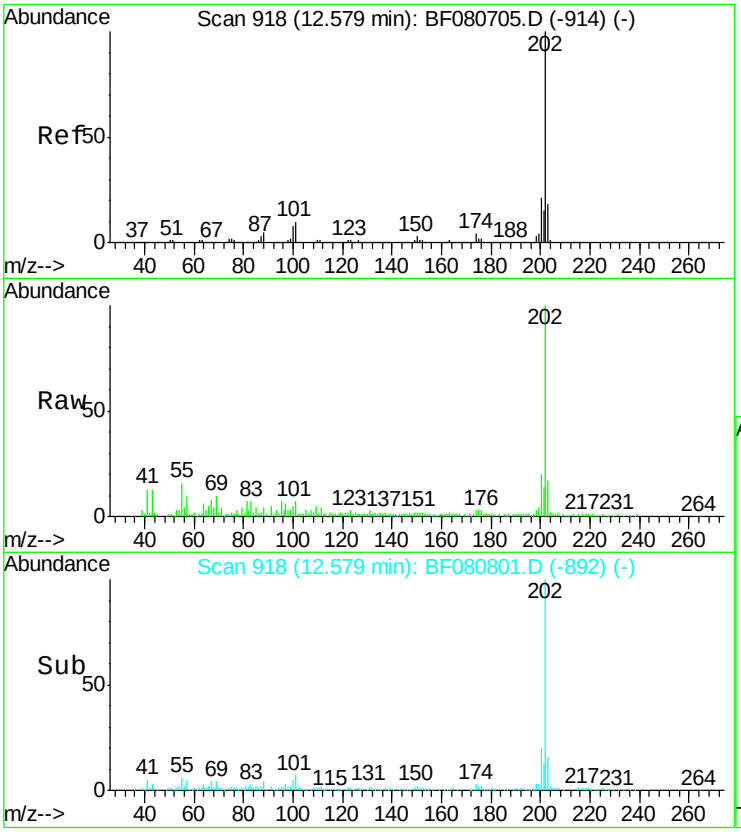


#70
Phenanthrene
Concen: 2.01 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:178 Resp: 42722

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.6	13.0	19.4

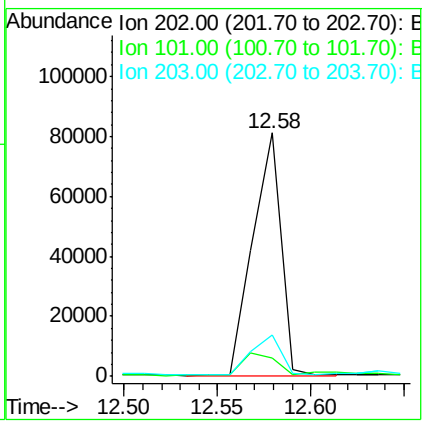




#74
Fluoranthene
Concen: 4.25 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

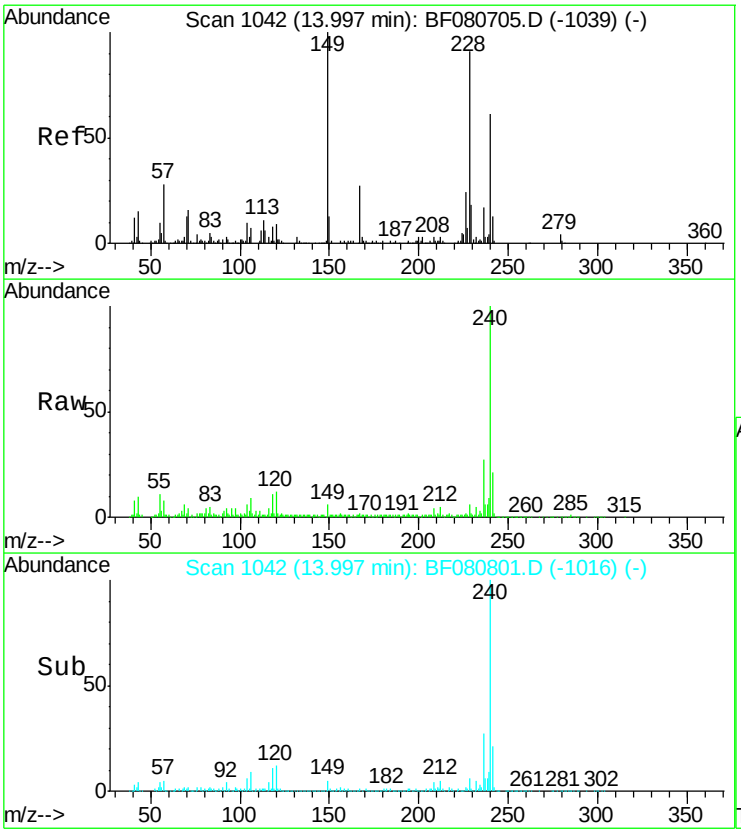
Tgt Ion:202 Resp: 87499

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	29.6
203	16.7	0.0	37.8



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

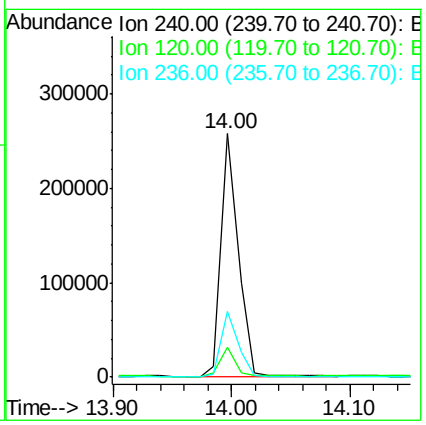
Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

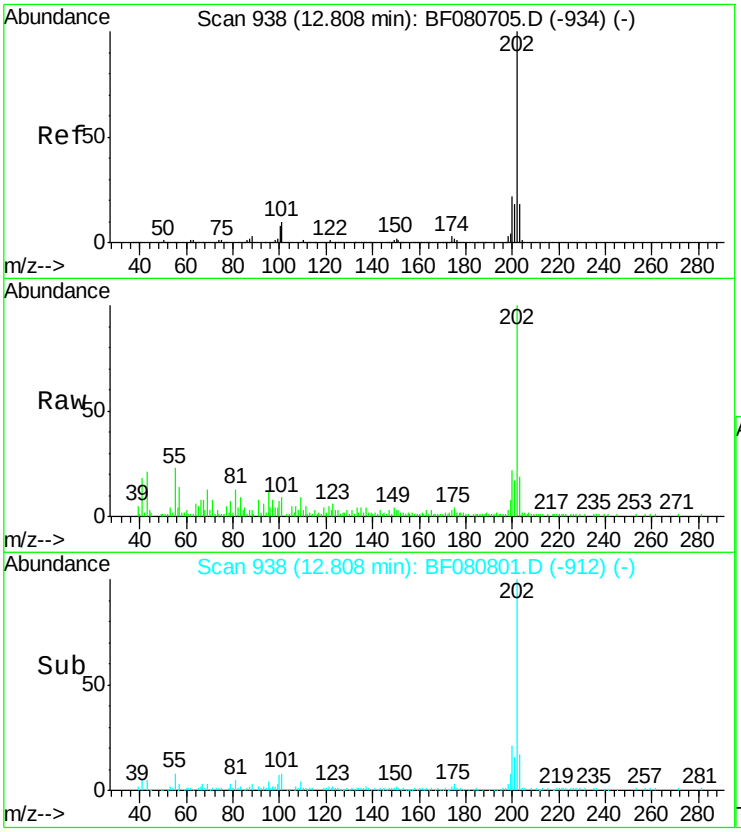


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:240 Resp: 256325

Ion	Ratio	Lower	Upper
240	100		
120	12.1	11.8	17.8
236	26.8	21.8	32.8

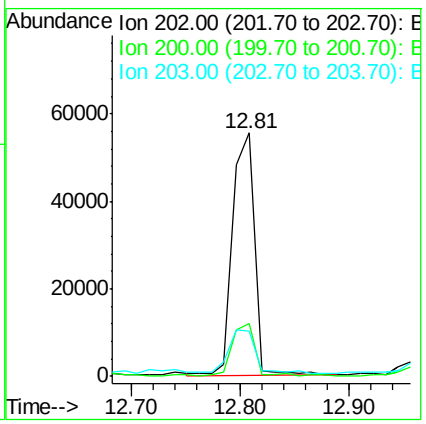




#77
Pyrene
Concen: 3.82 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

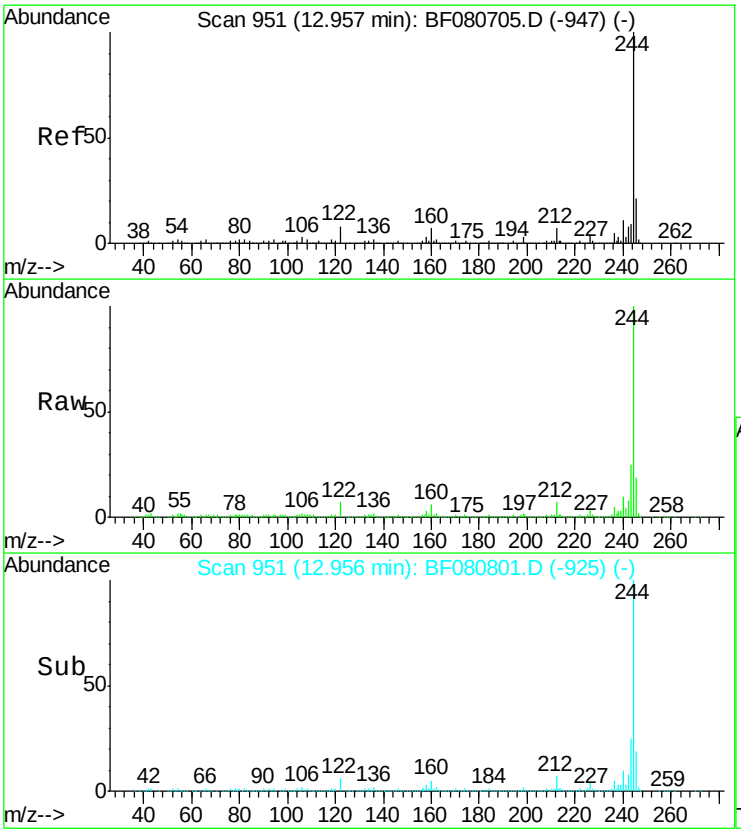
Tgt Ion:202 Resp: 75939

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.6	14.2	21.2



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

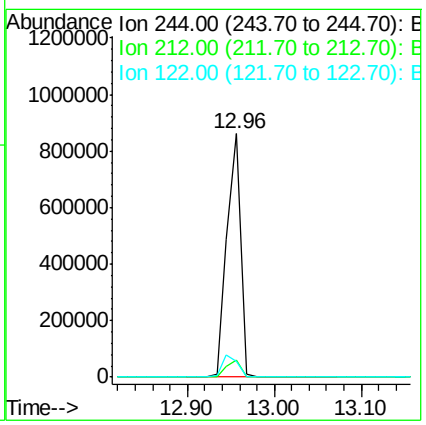
Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

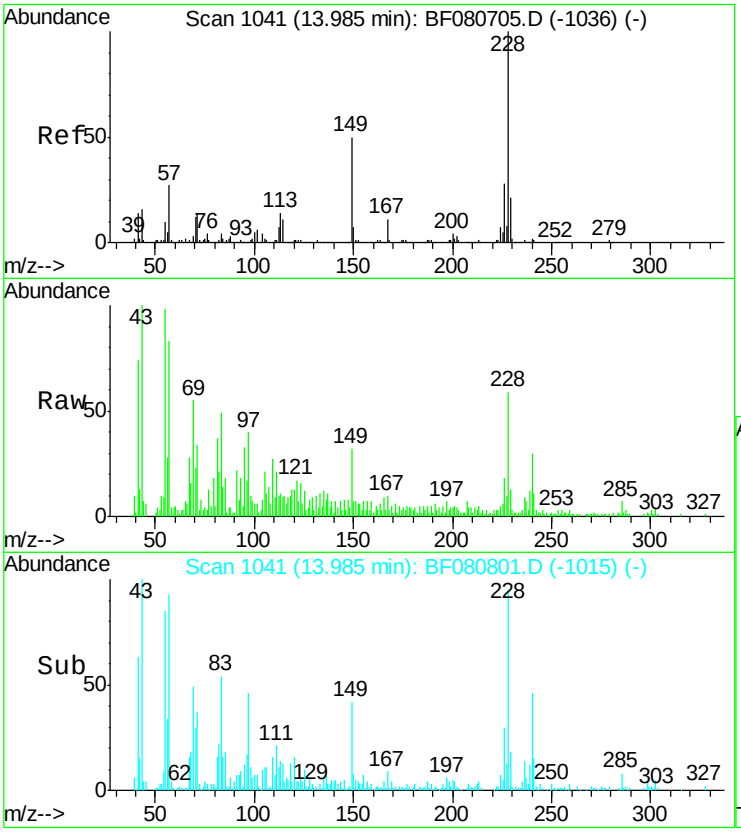


#78
Terphenyl-d14
Concen: 69.60 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:244 Resp: 943289

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.9	8.9
122	6.5	6.6	9.8#

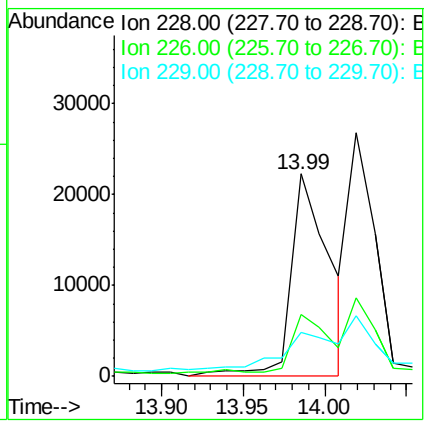




#80
Benzo(a)anthracene
Concen: 2.35 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

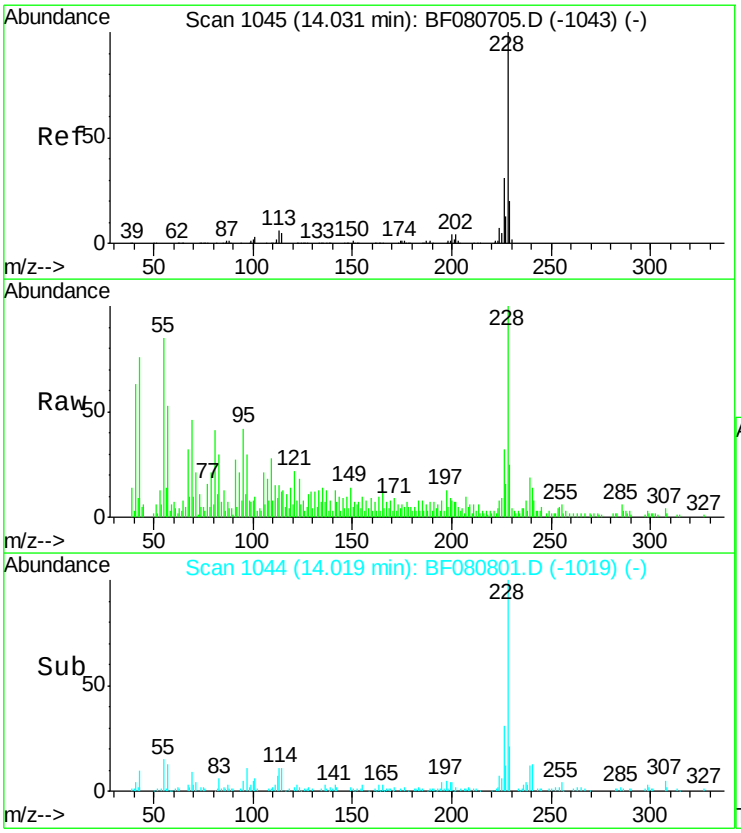
Tgt Ion:228 Resp: 36281

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	21.9	16.6	25.0



Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

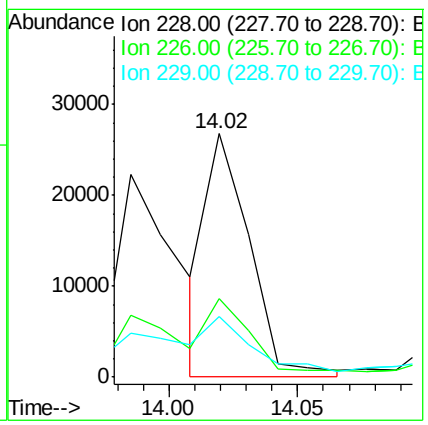
Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

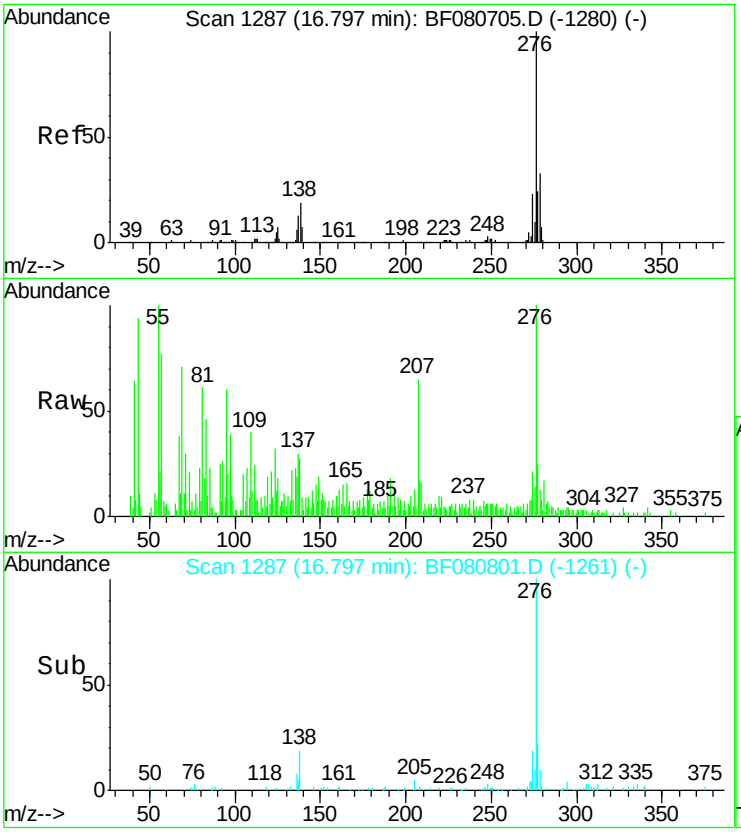


#82
Chrysene
Concen: 2.09 ng m
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:228 Resp: 31323

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.1	37.7
229	24.8	15.8	23.8#





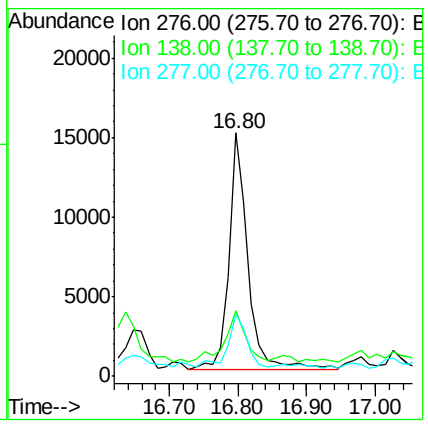
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.65 ng
RT: 16.80 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

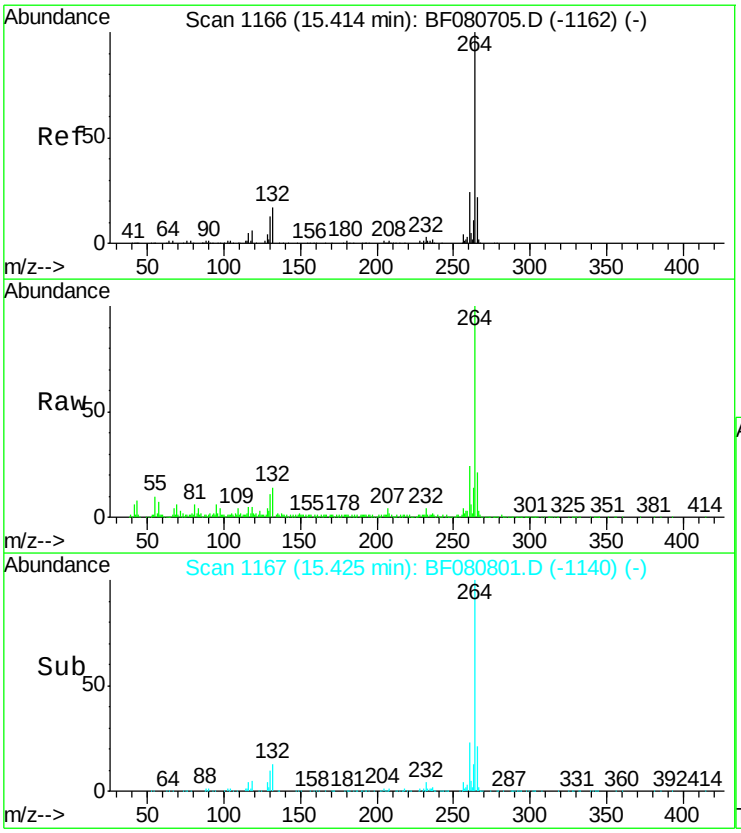
Tgt Ion:276 Resp: 29072

Ion	Ratio	Lower	Upper
276	100		
138	24.3	13.2	19.8#
277	22.0	15.4	23.2

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM

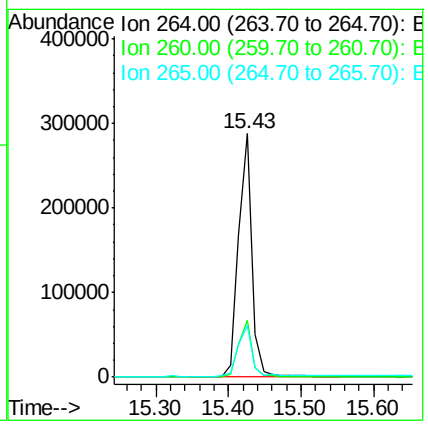


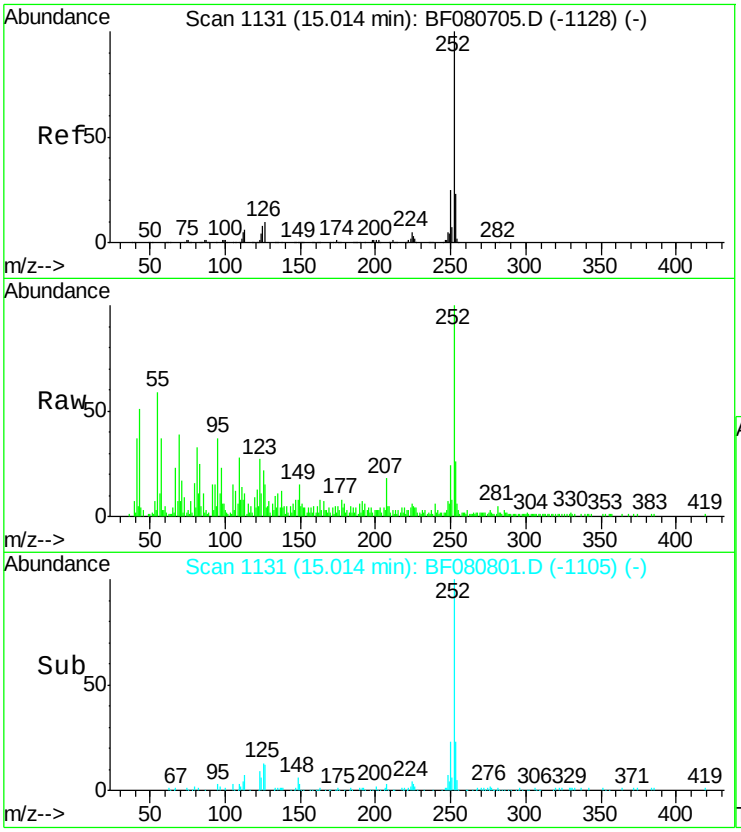


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:264 Resp: 366949

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.1	17.3	25.9





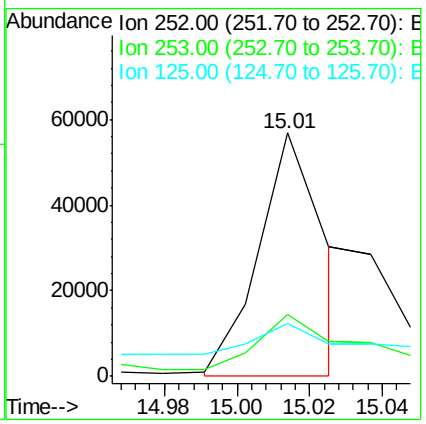
#87
Benzo(b)fluoranthene
Concen: 3.25 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

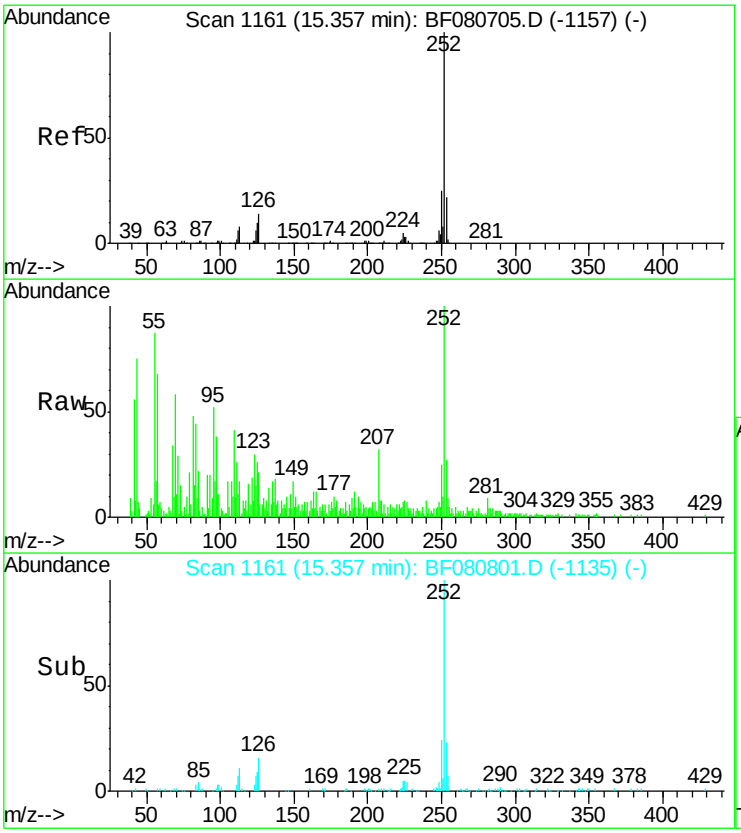
Tgt Ion:252 Resp: 71326

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.1	27.1
125	21.9	6.2	9.2#

Instrument :
BNA_F
ClientSampleId :
WEST-ABUT-2(0-2)

Manual Integrations APPROVED
MMDadoda
8/3/2015 3:42:32 PM





#89
Benzo(a)pyrene
Concen: 2.15 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF080801.D
Acq: 2 Aug 2015 1:42

Tgt Ion:252 Resp: 38671

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.2	25.8#
125	25.5	8.2	12.4#