Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081039.D
Acq On : 18 Aug 2015 10:02
Operator : UM/IZ
Sample : G3289-07
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAMPB-T(0-2)-4

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:14:10 PM

Quant Time: Aug 18 12:52:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	56835	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	196343	20.00	ng		0.01
38) Acenaphthene-d10	9.66	164	79661	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	136287	20.00	ng		0.00
75) Chrysene-d12	13.76	240	126757	20.00	ng		0.01
86) Perylene-d12	15.11	264	75578	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	111799	29.59	ng		0.01
7) Phenol-d6	6.27	99	149463	30.32	ng		0.01
23) Nitrobenzene-d5	7.19	82	84556	19.67	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	47469	68.74	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	180153	29.63	ng		0.00
78) Terphenyl-d14	12.72	244	273378	46.24	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.39	163	57559	8.77	ng		100
57) Fluorene	10.20	166	19030	3.06	ng		96
70) Phenanthrene	11.15	178	247593	30.65	ng		99
71) Anthracene	11.21	178	77454	9.85	ng		98
72) Carbazole	11.37	167	24412	3.23	ng		98
74) Fluoranthene	12.34	202	376418	43.19	ng		97
77) Pyrene	12.56	202	301797	29.29	ng		96
79) Butylbenzylphthalate	13.20	149	20819	4.70	ng	#	72
80) Benzo(a)anthracene	13.75	228	167847	19.75	ng		100
82) Chrysene	13.78	228	104270	13.61	ng		97
83) Bis(2-ethylhexyl)phthalate	13.77	149	69120	12.18	ng		99
85) Indeno(1,2,3-cd)pyrene	16.34	276	35876	6.67	ng		92
87) Benzo(b)fluoranthene	14.75	252	94699m	17.71	ng		
88) Benzo(k)fluoranthene	14.75	252	47132m	9.46	ng		
89) Benzo(a)pyrene	15.06	252	68846	14.78	ng	#	93
90) Dibenzo(a,h)anthracene	16.35	278	12761	3.52	ng	#	73
91) Benzo(g,h,i)perylene	16.72	276	37207	10.10	ng	#	84

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

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Manual Integrations APPROVED
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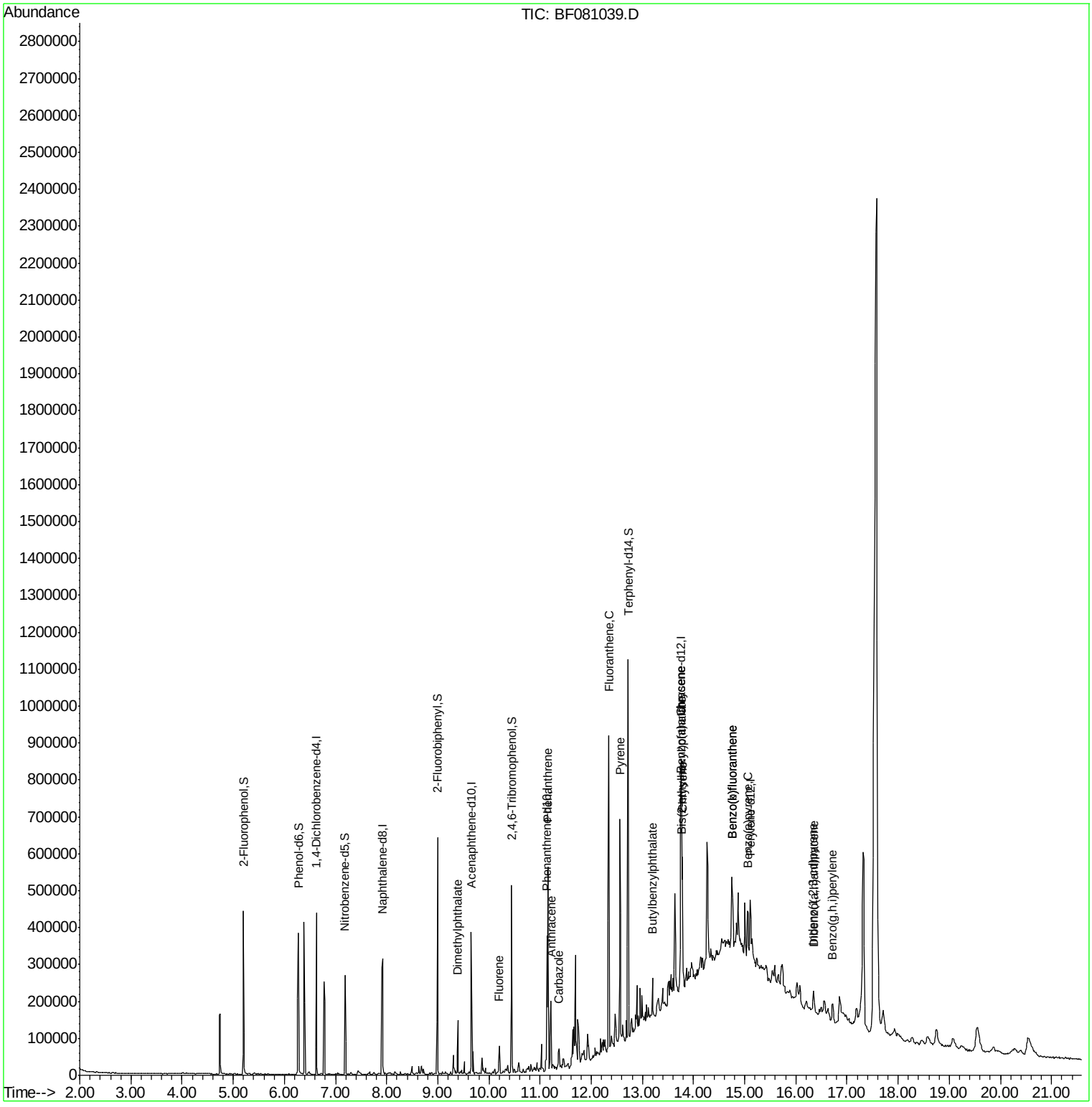
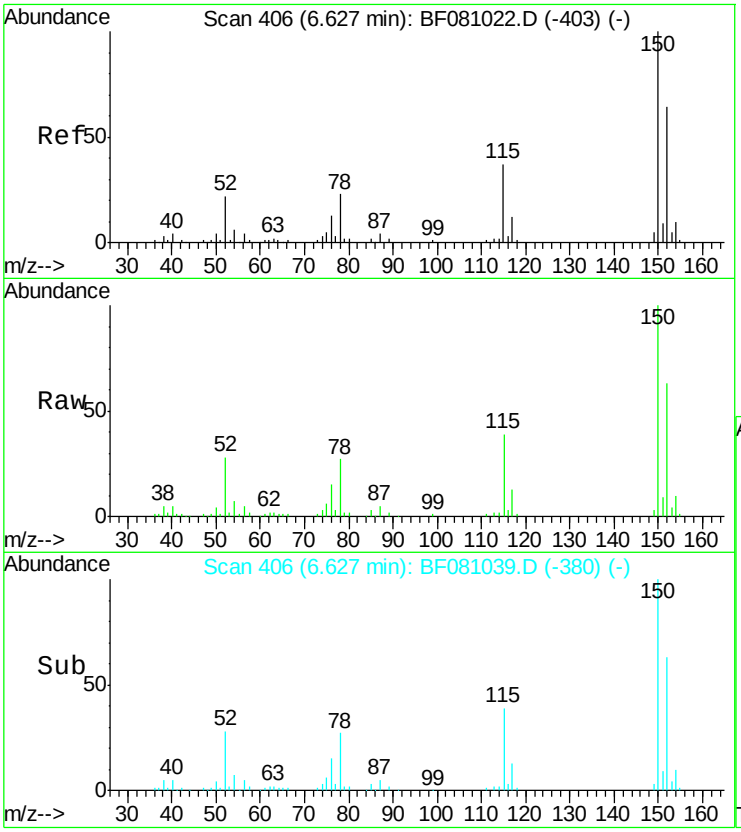
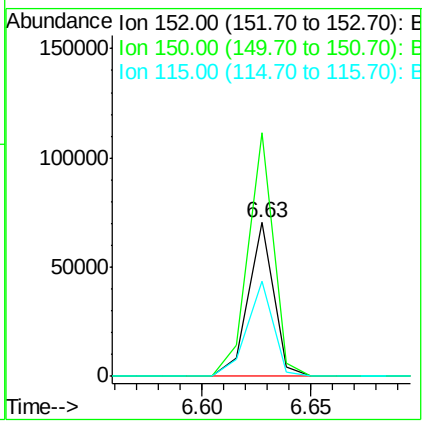




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:152 Resp: 56835

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.8	185.6
115	62.0	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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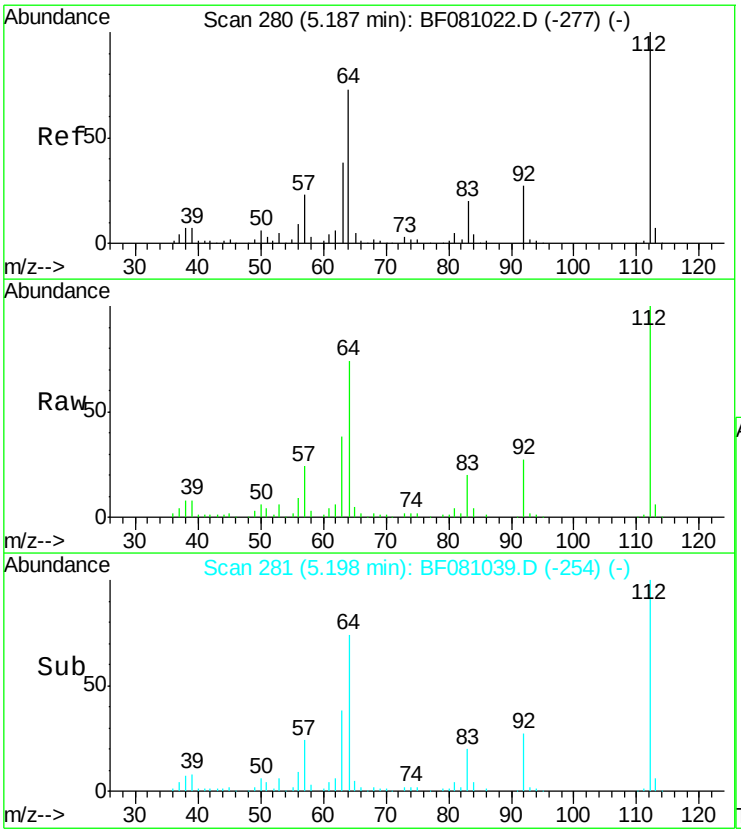
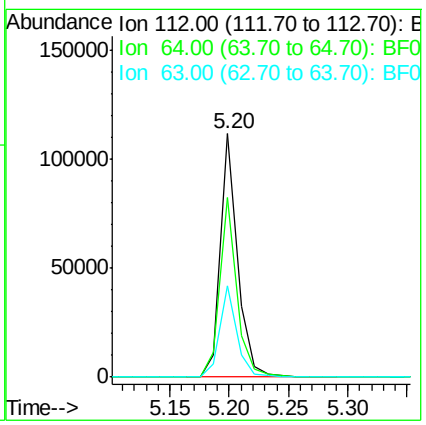
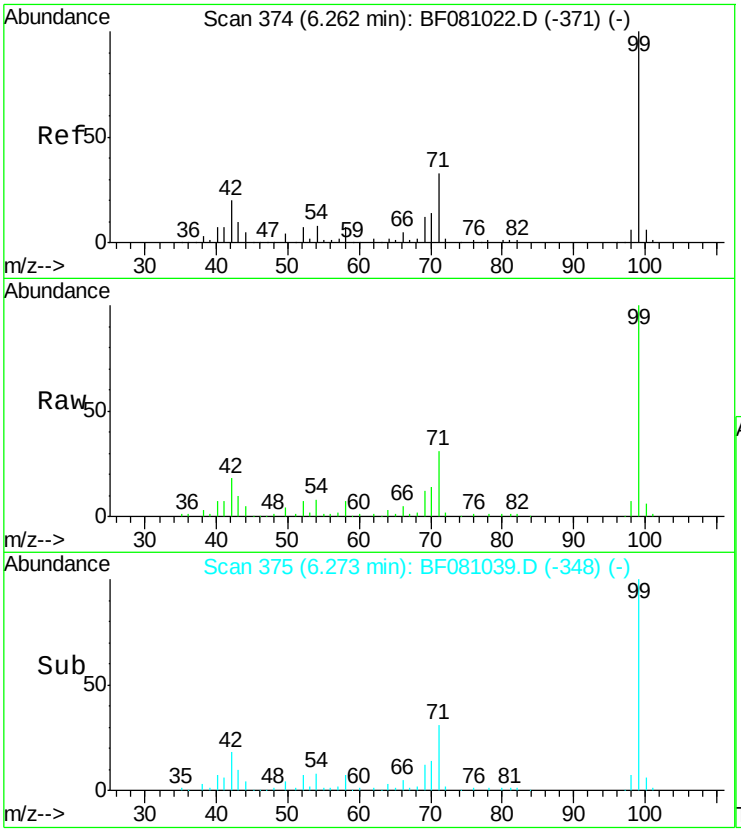


#5
2-Fluorophenol
Concen: 29.59 ng
RT: 5.20 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:112 Resp: 111799

Ion	Ratio	Lower	Upper
112	100		
64	73.6	66.9	100.3
63	37.7	38.1	57.1#

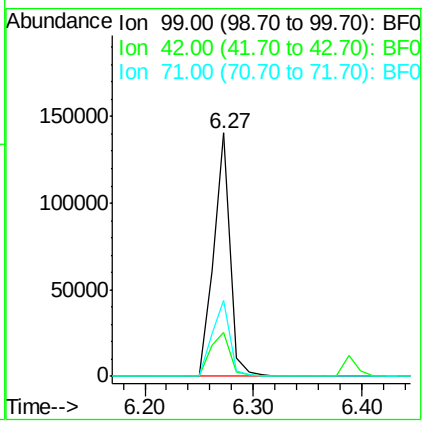




#7
Phenol-d6
Concen: 30.32 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion: 99 Resp: 149463

Ion	Ratio	Lower	Upper
99	100		
42	17.9	19.6	29.4#
71	31.2	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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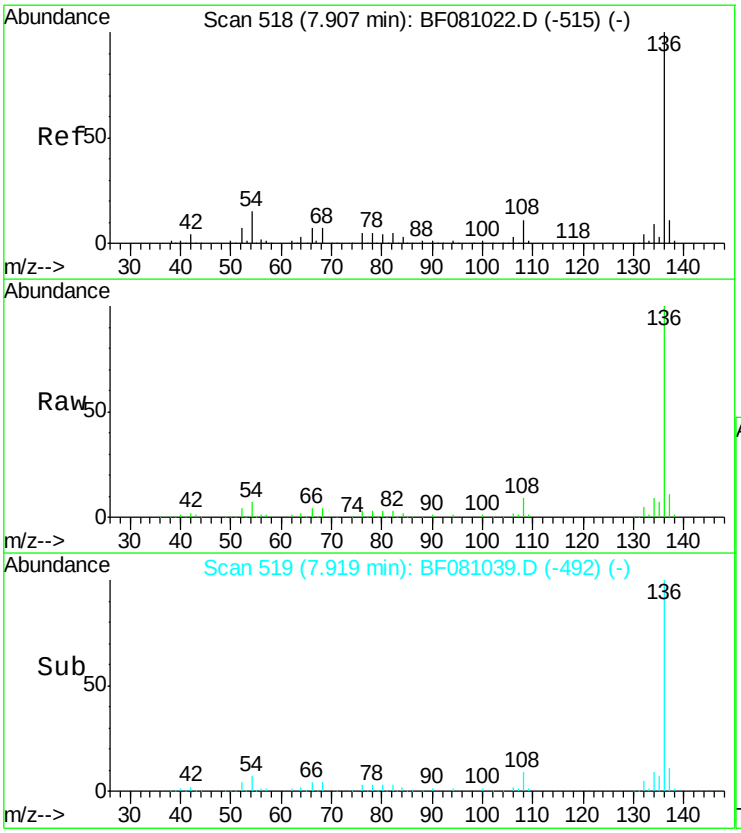
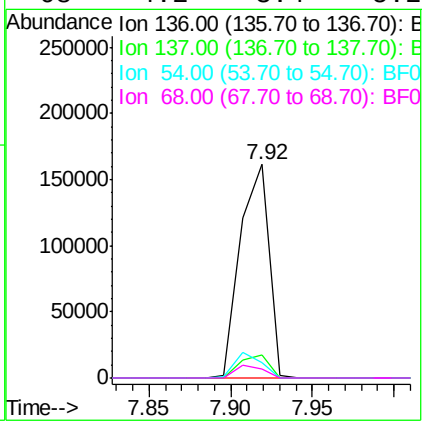
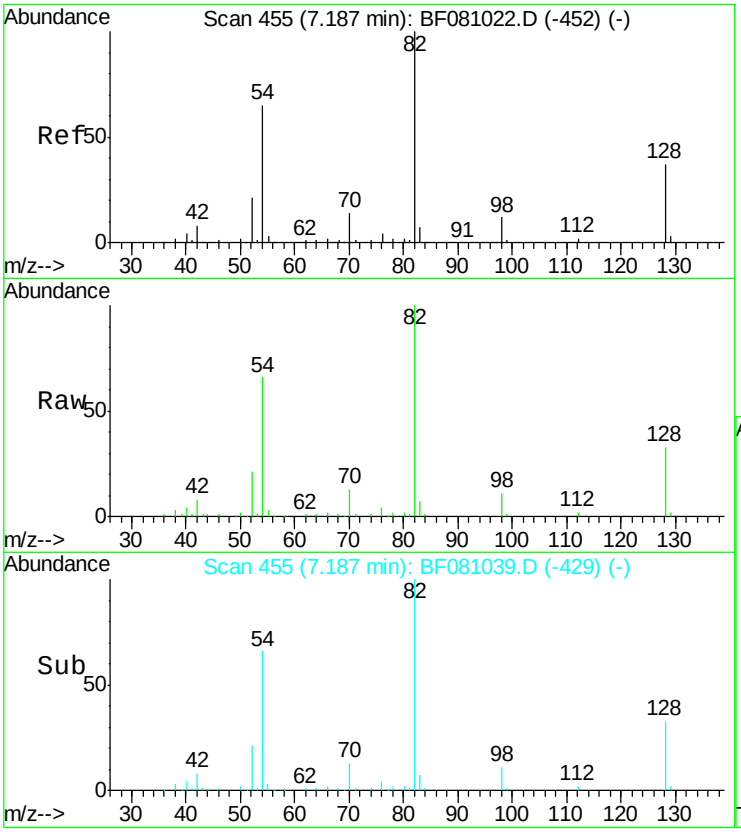


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:136 Resp: 196343

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	7.5	7.7	11.5#
68	4.2	3.4	5.2

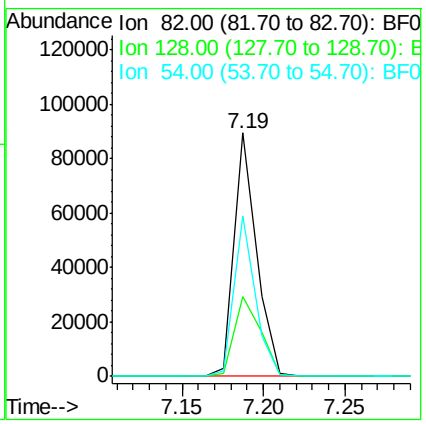




#23
Nitrobenzene-d5
Concen: 19.67 ng
RT: 7.19 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion: 82 Resp: 84556

Ion	Ratio	Lower	Upper
82	100		
128	32.8	28.6	42.8
54	66.1	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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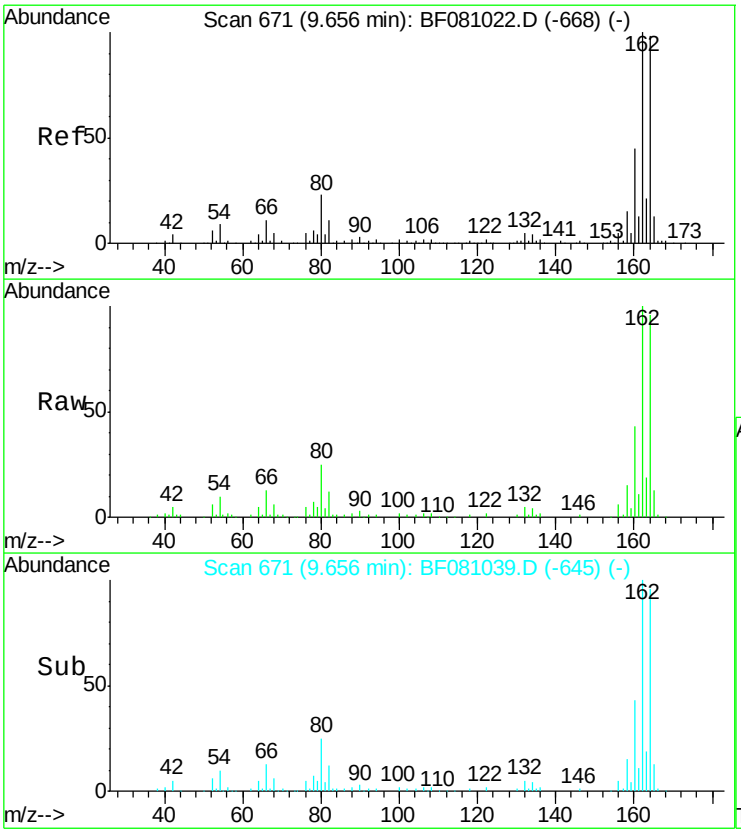
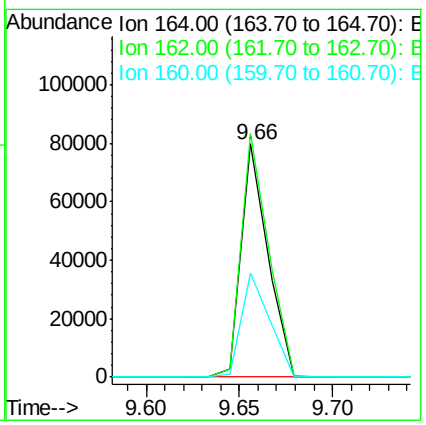
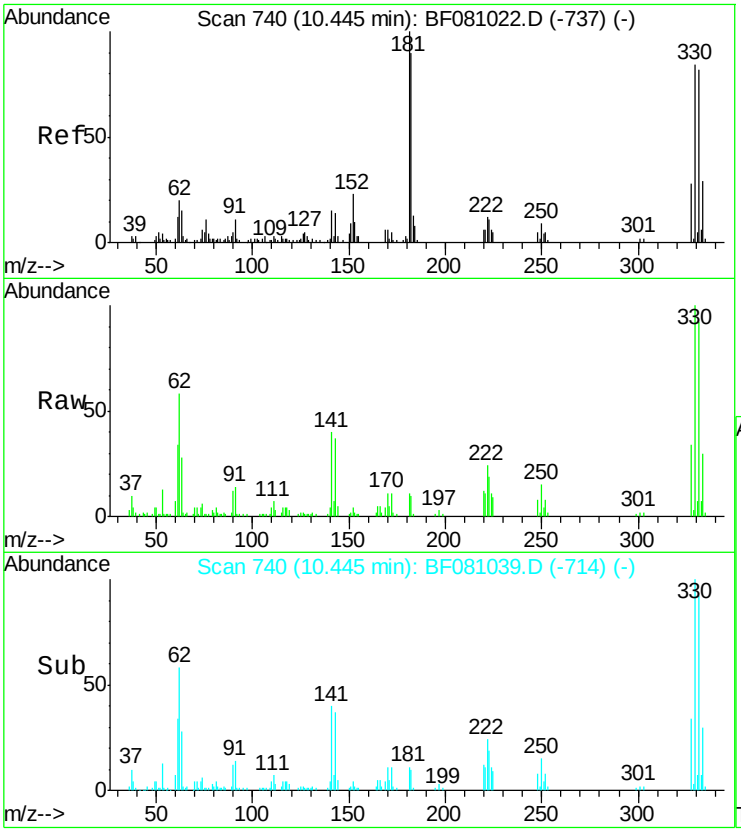


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:164 Resp: 79661

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.8	125.8
160	44.5	39.8	59.8

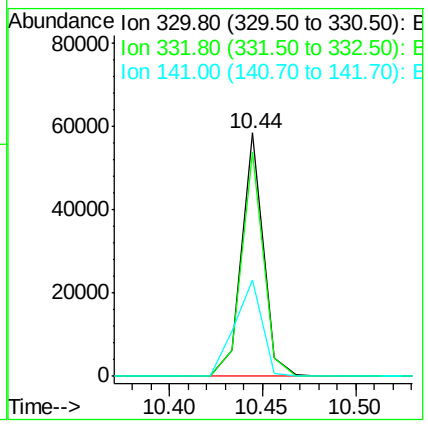




#41
2,4,6-Tribromophenol
Concen: 68.74 ng
RT: 10.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:330 Resp: 47469

Ion	Ratio	Lower	Upper
330	100		
332	93.2	77.3	115.9
141	50.2	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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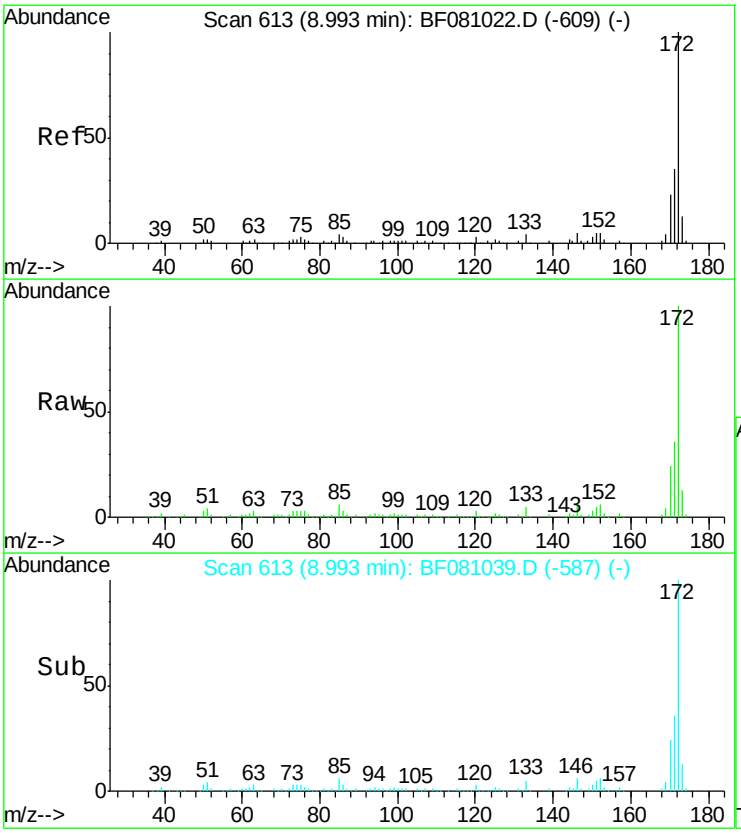
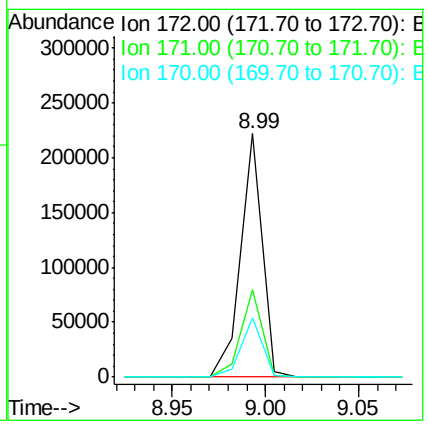
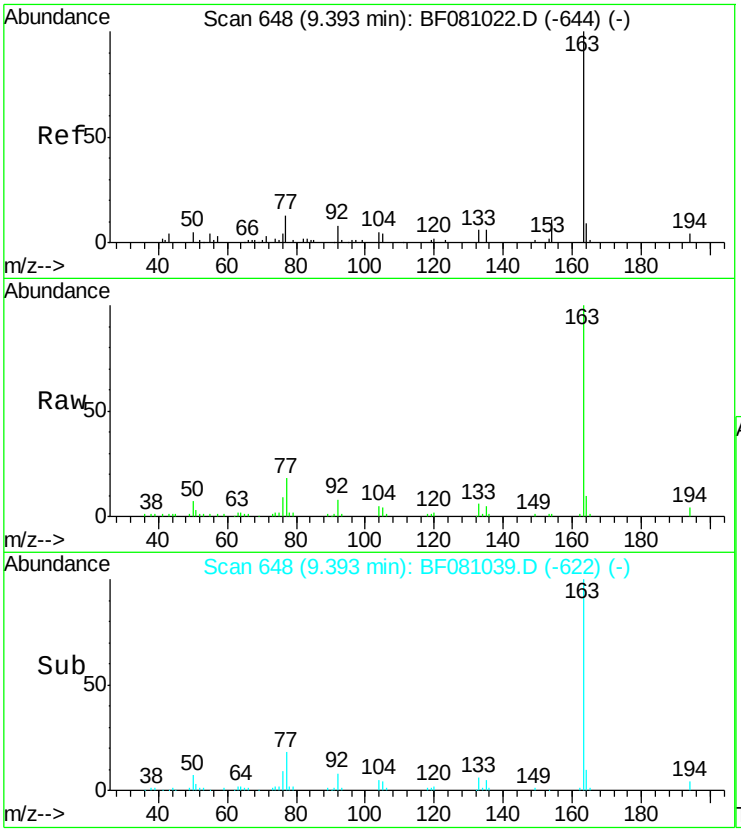


#44
2-Fluorobiphenyl
Concen: 29.63 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:172 Resp: 180153

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	24.1	19.4	29.2

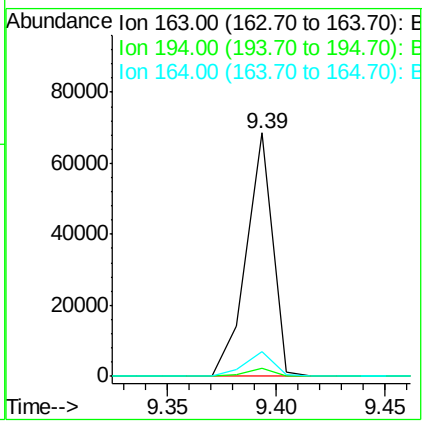




#49
Dimethylphthalate
Concen: 8.77 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:163 Resp: 57559

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.5	3.7
164	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
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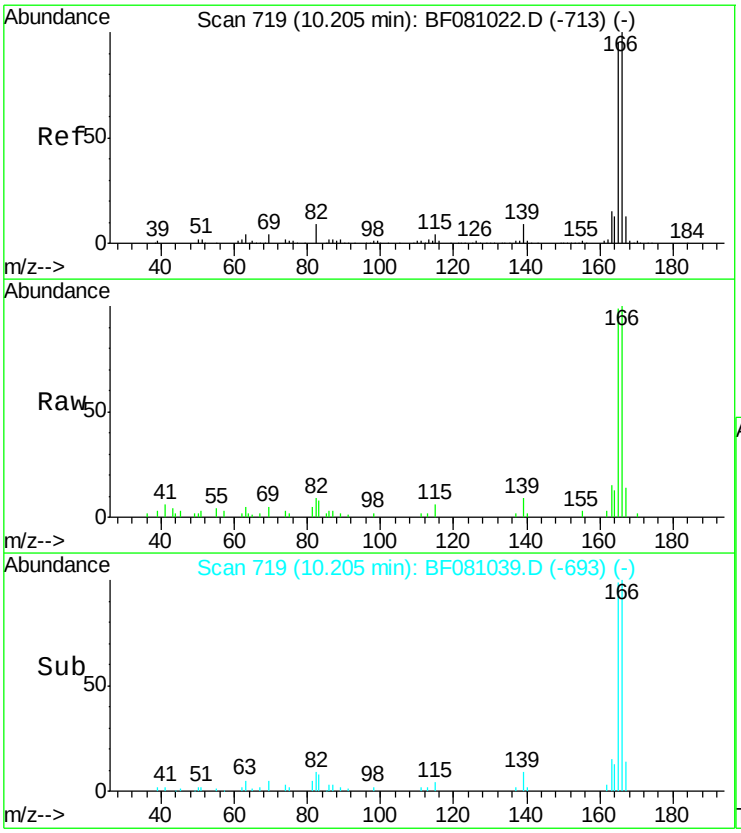
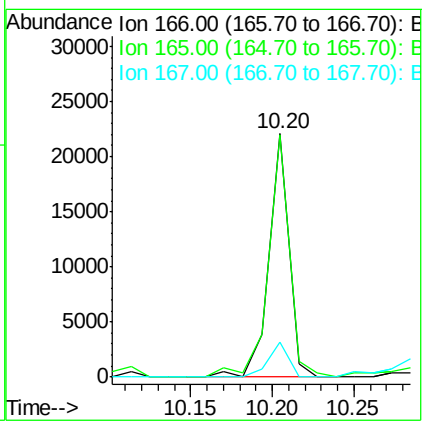
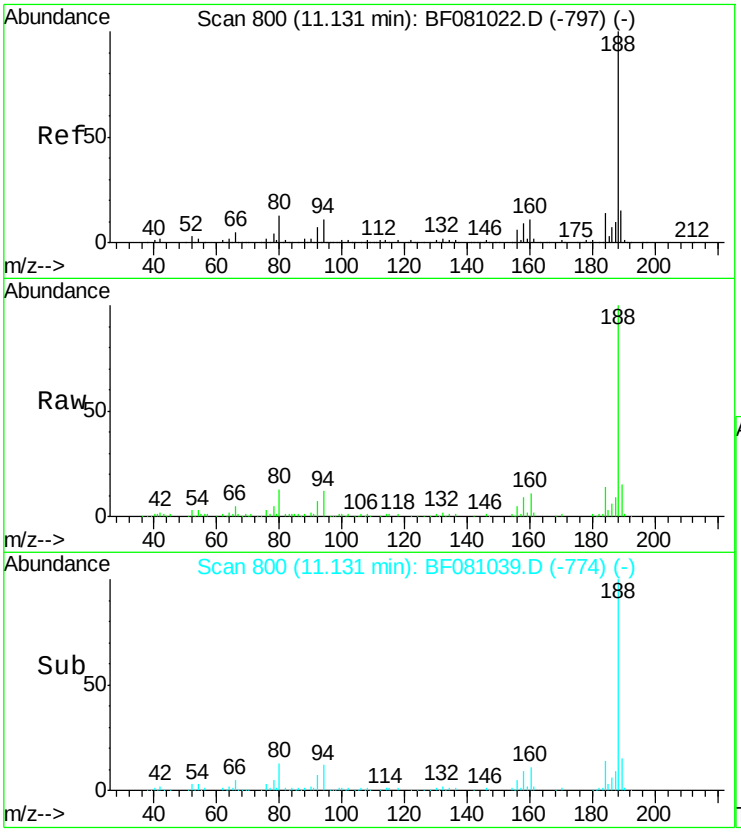


#57
Fluorene
Concen: 3.06 ng
RT: 10.20 min Scan# 719
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:166 Resp: 19030

Ion	Ratio	Lower	Upper
166	100		
165	99.4	75.8	113.8
167	14.4	11.3	16.9

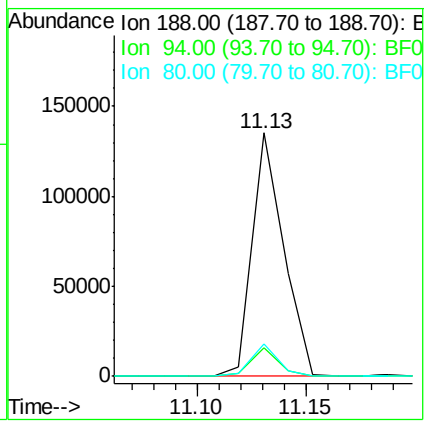




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:188 Resp: 136287

Ion	Ratio	Lower	Upper
188	100		
94	11.7	8.2	12.2
80	13.2	9.5	14.3



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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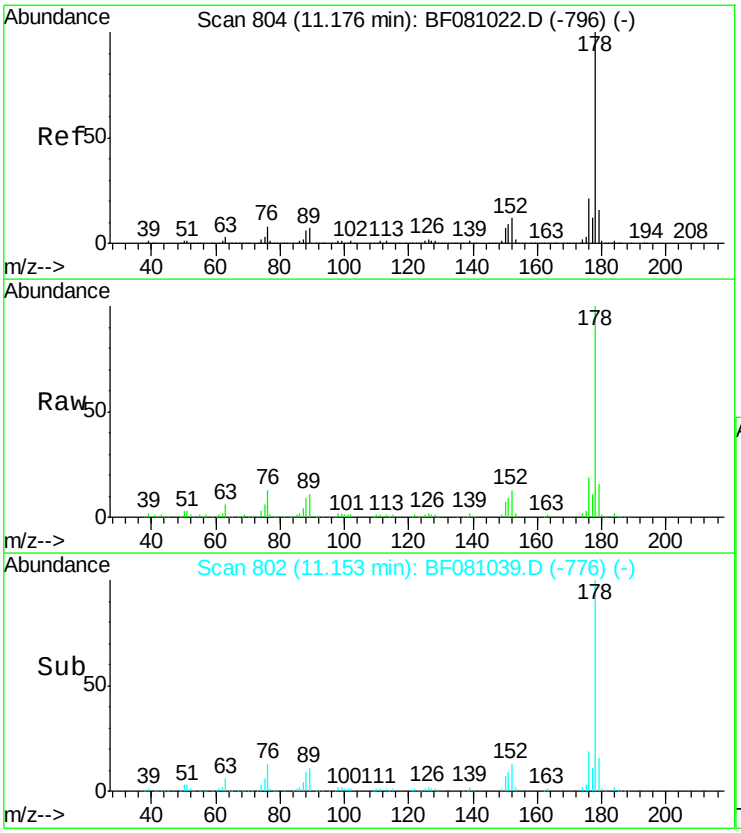
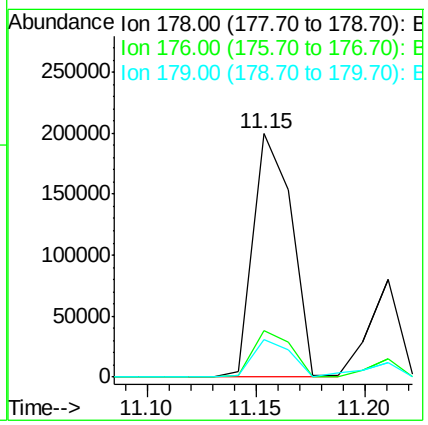
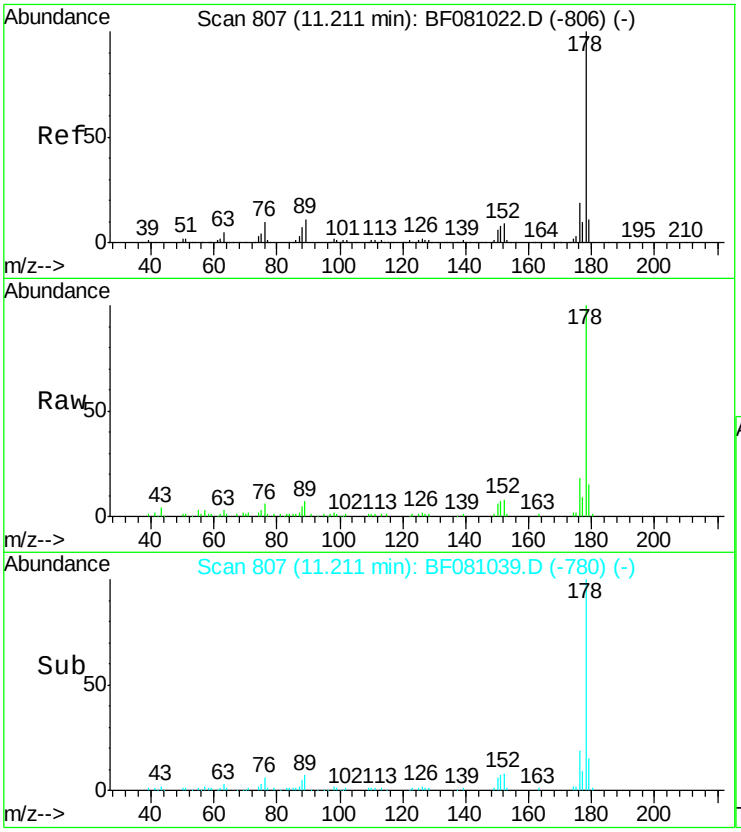


#70
Phenanthrene
Concen: 30.65 ng
RT: 11.15 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:178 Resp: 247593

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.6	12.2	18.2

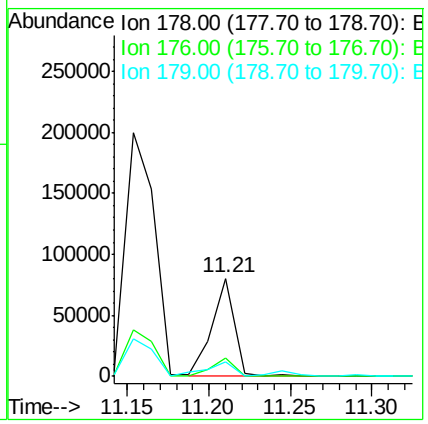




#71
Anthracene
Concen: 9.85 ng
RT: 11.21 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:178 Resp: 77454

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.7	23.5
179	14.9	12.7	19.1



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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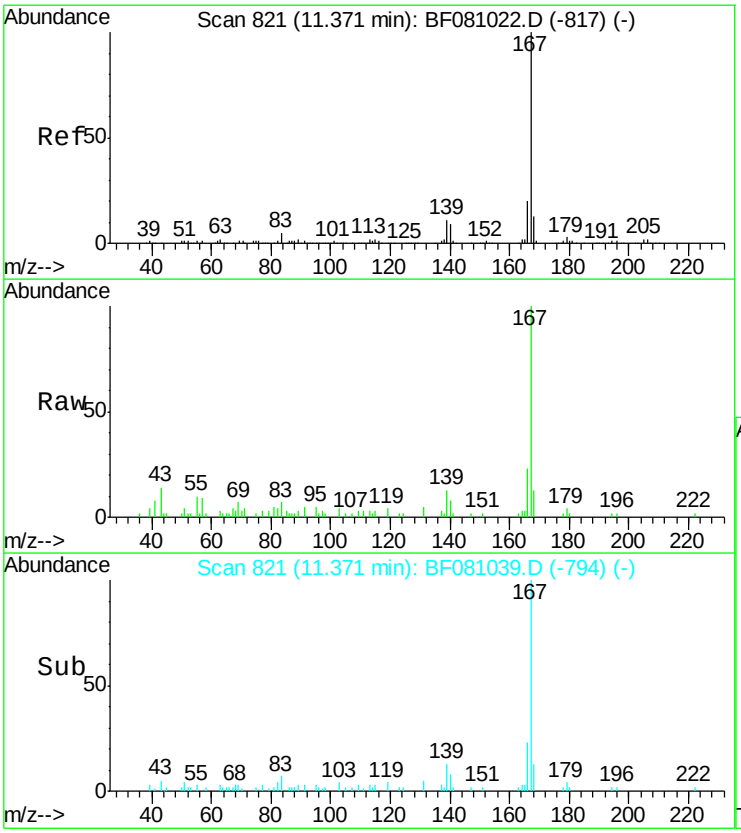
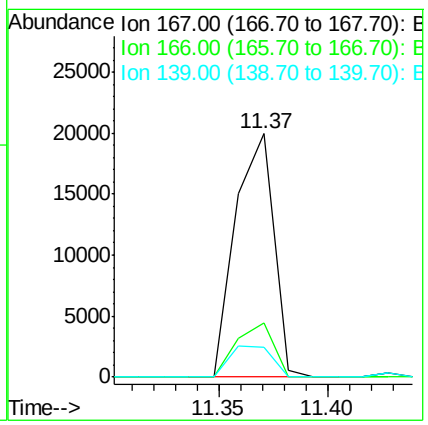
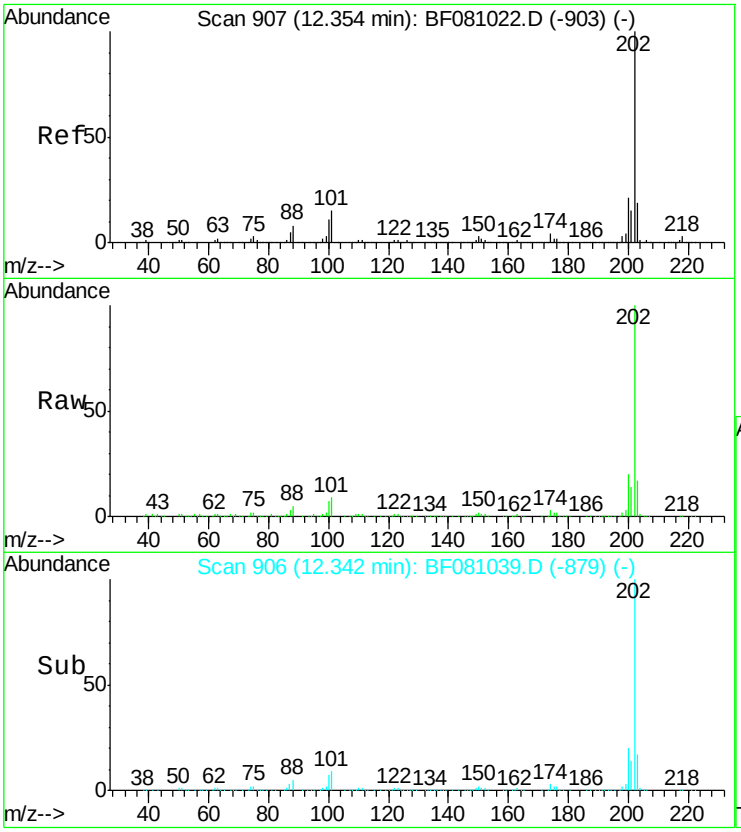


#72
Carbazole
Concen: 3.23 ng
RT: 11.37 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:167 Resp: 24412

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.4	26.0
139	12.5	10.6	16.0

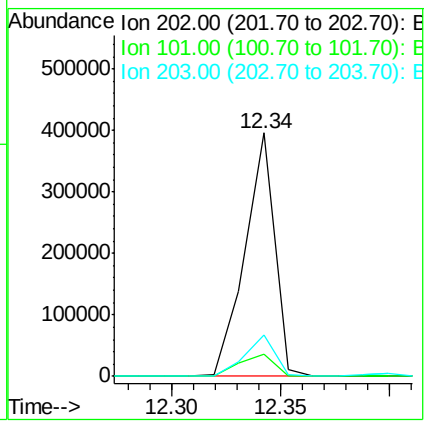




#74
Fluoranthene
Concen: 43.19 ng
RT: 12.34 min Scan# 906
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

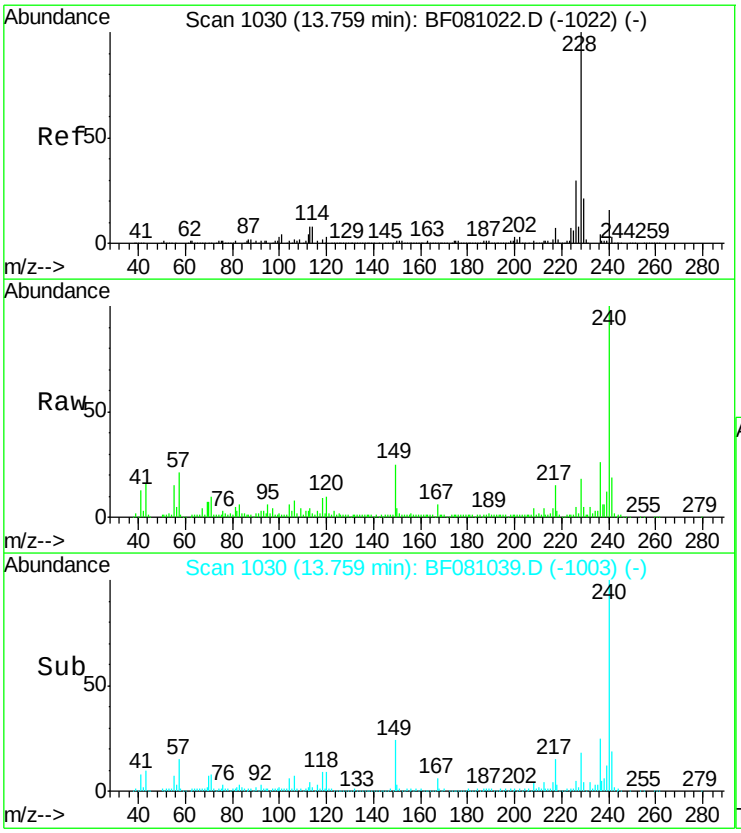
Tgt Ion:202 Resp: 376418

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	24.8
203	17.3	0.0	36.9



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

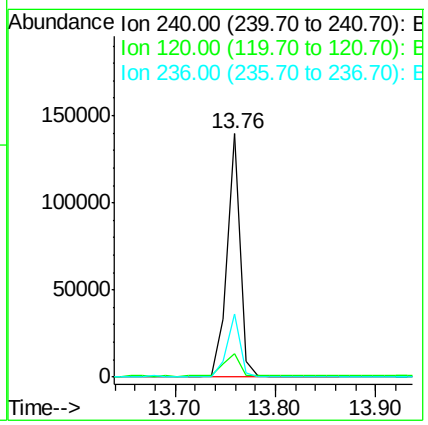
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:14:10 PM

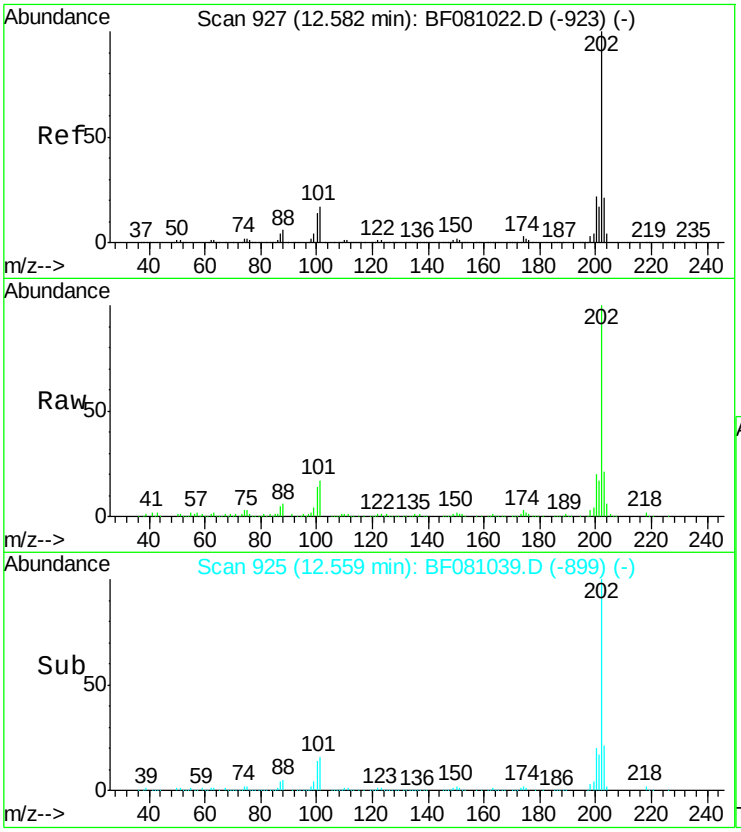


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:240 Resp: 126757

Ion	Ratio	Lower	Upper
240	100		
120	9.6	5.6	8.4#
236	25.7	20.6	30.8

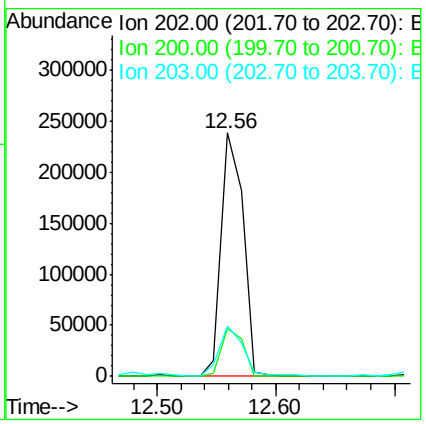




#77
Pyrene
Concen: 29.29 ng
RT: 12.56 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:202 Resp: 301797

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	24.8
203	20.9	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

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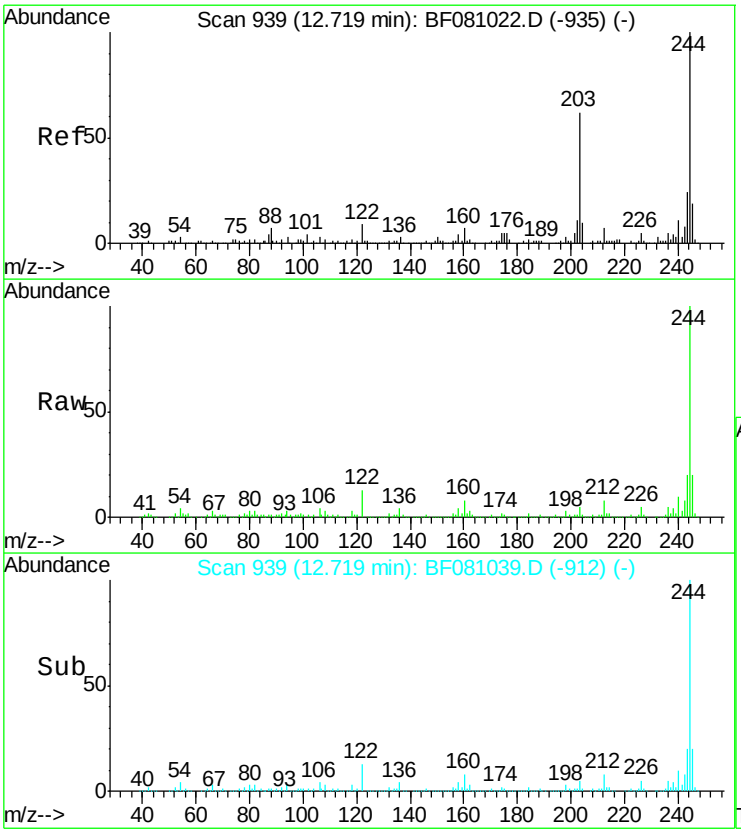
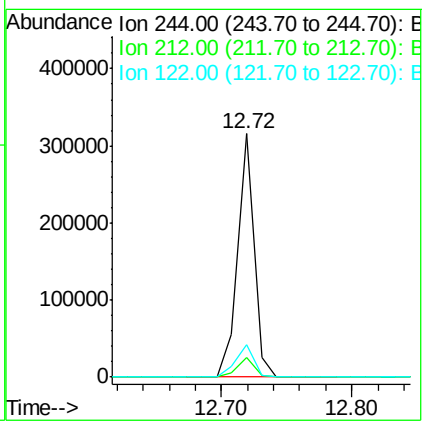
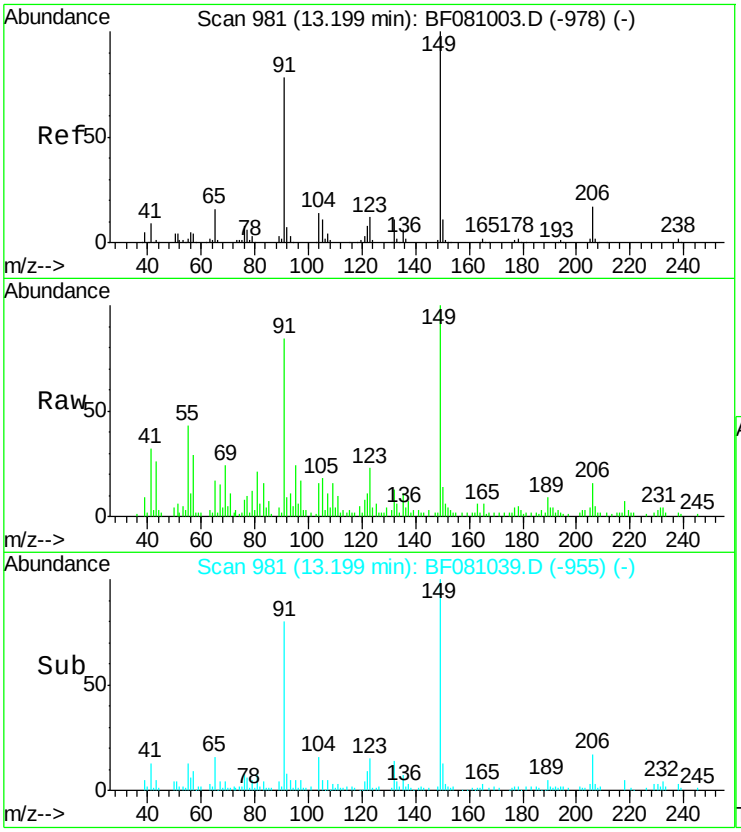


#78
Terphenyl-d14
Concen: 46.24 ng
RT: 12.72 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:244 Resp: 273378

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	13.1	8.2	12.4#





#79
Butylbenzylphthalate
Concen: 4.70 ng
RT: 13.20 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:149 Resp: 20819

Ion	Ratio	Lower	Upper
149	100		
91	84.0	46.9	70.3#
206	15.9	17.0	25.4#

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

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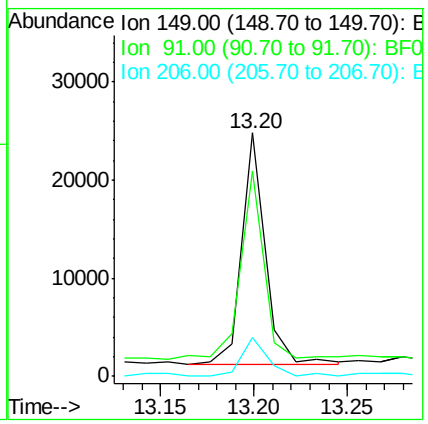
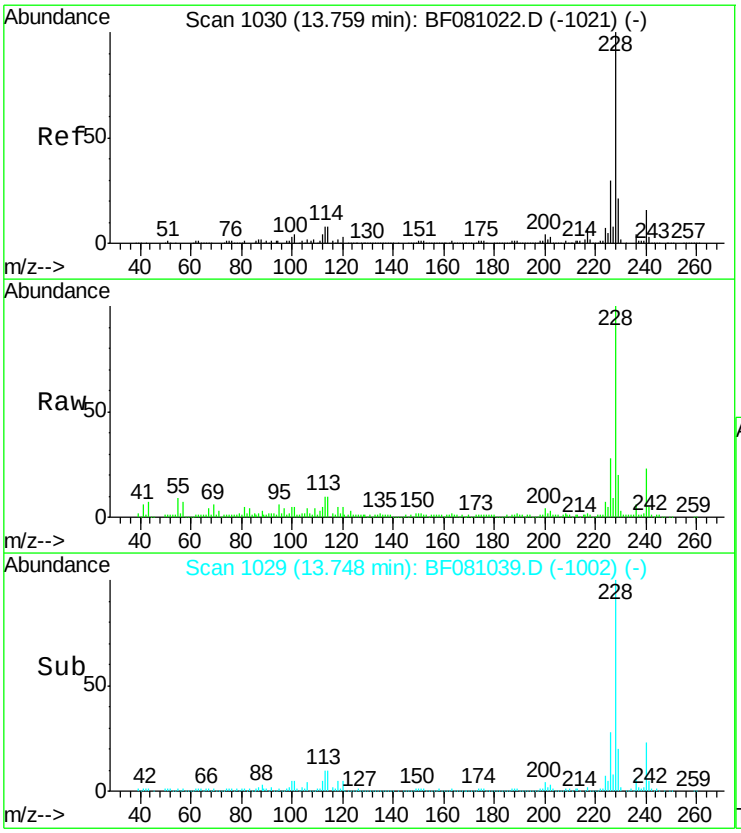
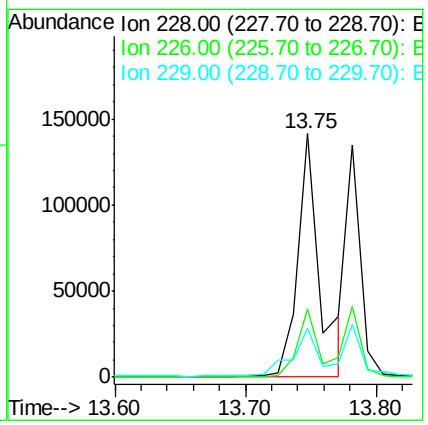


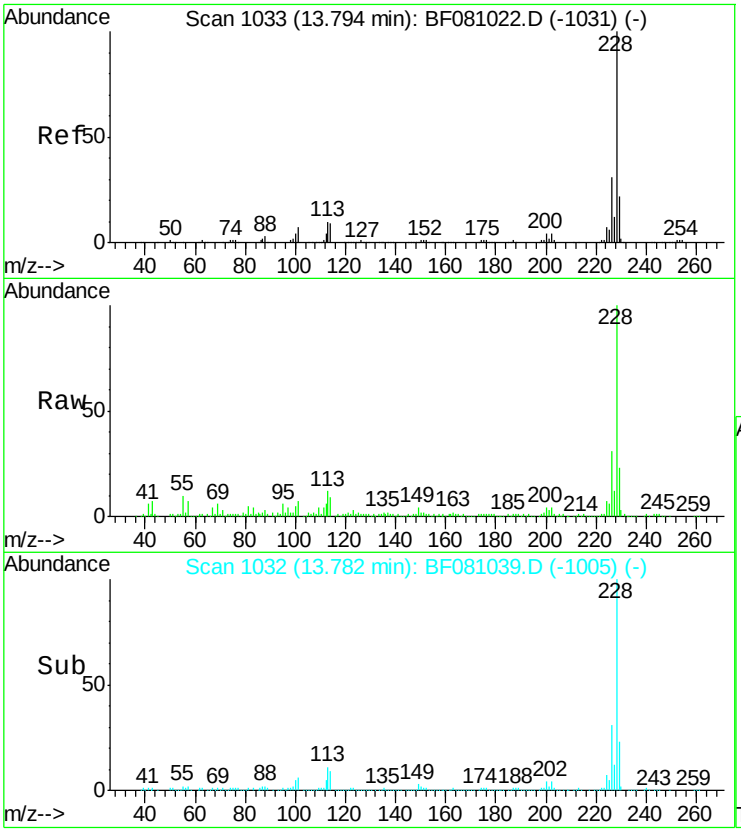


#80
Benzo(a)anthracene
Concen: 19.75 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:228 Resp: 167847

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	20.1	15.9	23.9

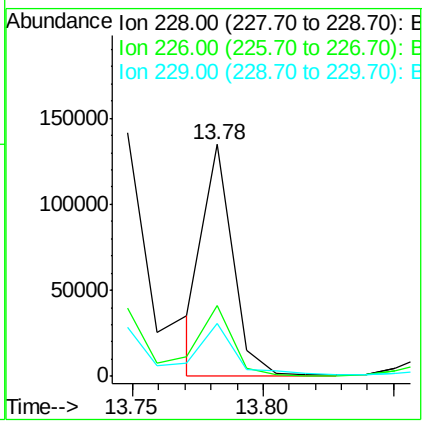




#82
Chrysene
Concen: 13.61 ng
RT: 13.78 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:228 Resp: 104270

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.0	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

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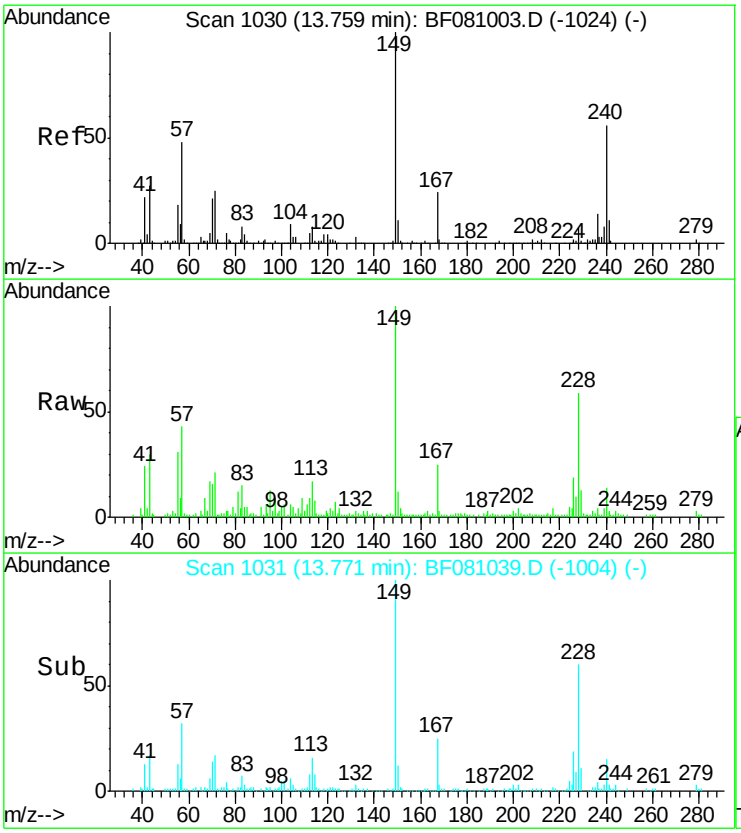
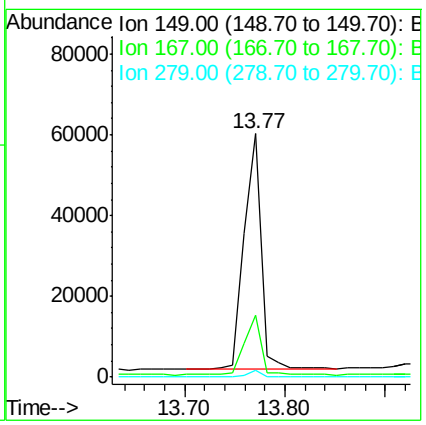
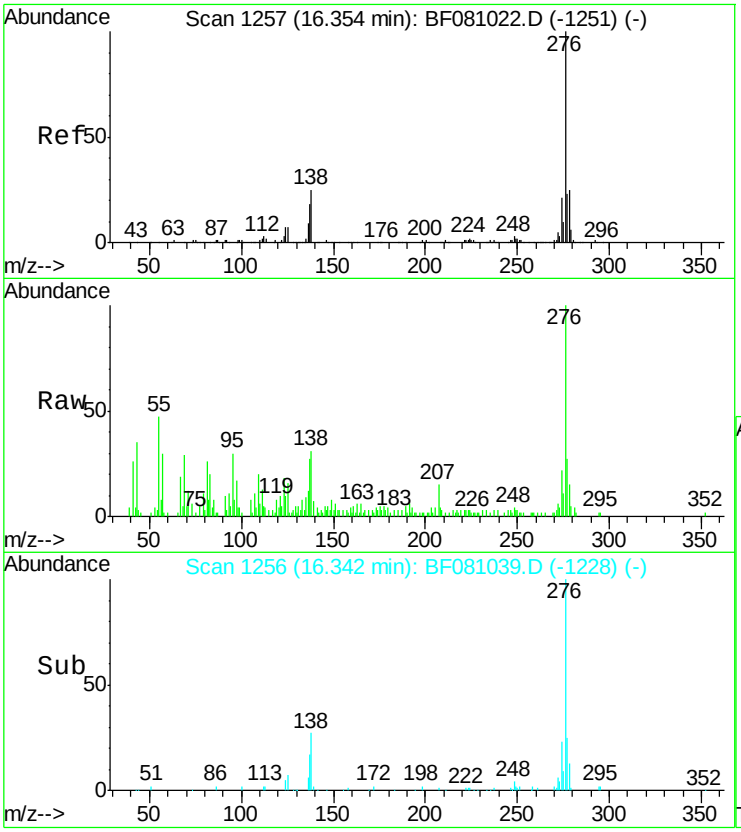


#83
Bis(2-ethylhexyl)phthalate
Concen: 12.18 ng
RT: 13.77 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:149 Resp: 69120

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.7	31.1
279	2.6	2.2	3.4

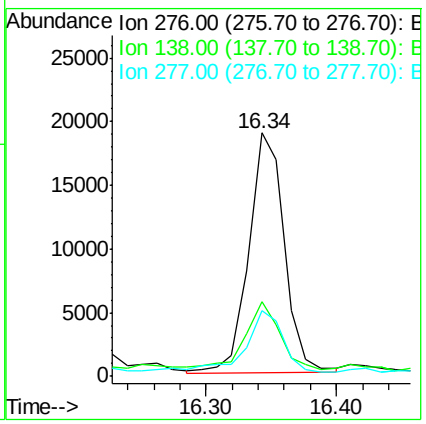




#85
Indeno(1,2,3-cd)pyrene
Concen: 6.67 ng
RT: 16.34 min Scan# 1256
Delta R.T. 0.02 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:276 Resp: 35876

Ion	Ratio	Lower	Upper
276	100		
138	27.0	18.6	28.0
277	29.0	19.8	29.8



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

Manual Integrations APPROVED
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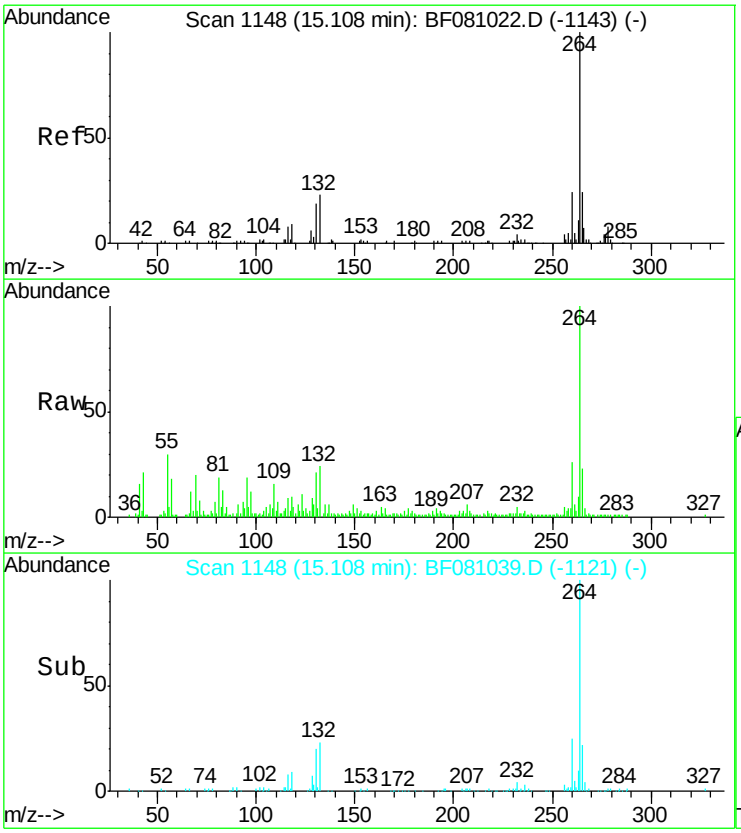
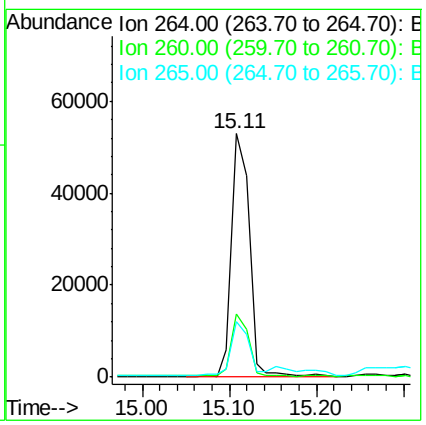
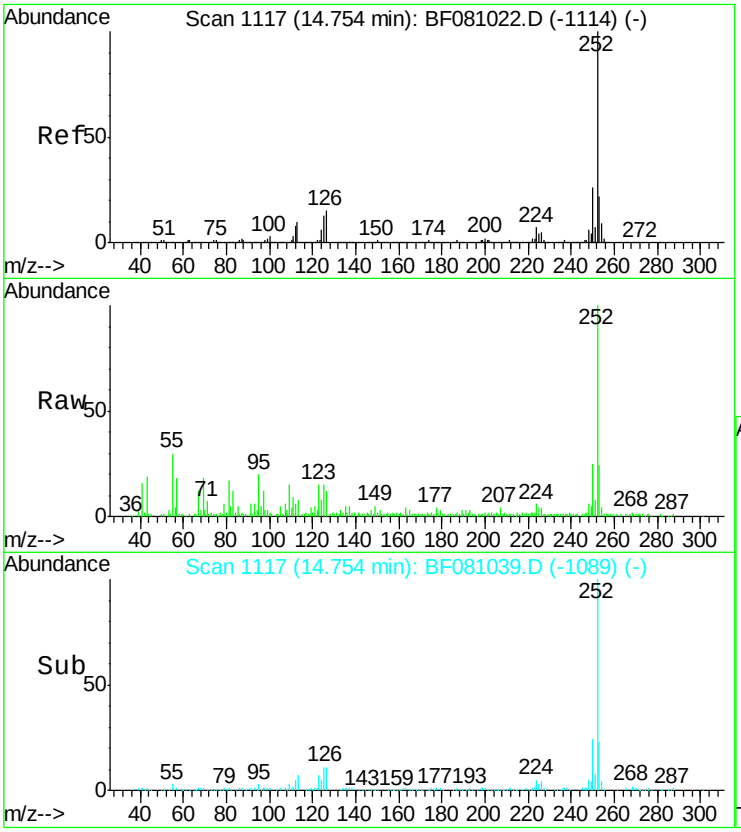


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:264 Resp: 75578

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.6	29.4
265	22.6	17.5	26.3

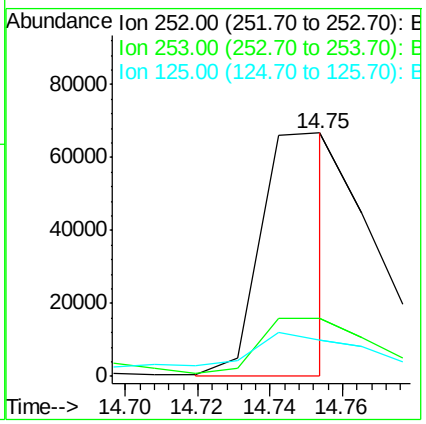




#87
Benzo(b)fluoranthene
Concen: 17.71 ng m
RT: 14.75 min Scan# 1117
Delta R.T. 0.02 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:252 Resp: 94699

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	14.9	8.0	12.0#



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

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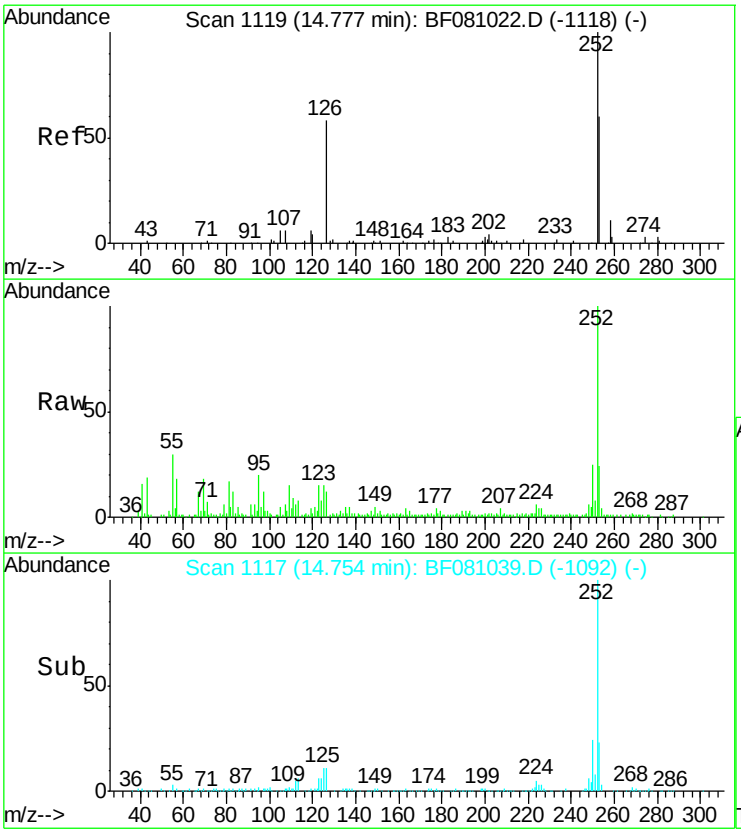
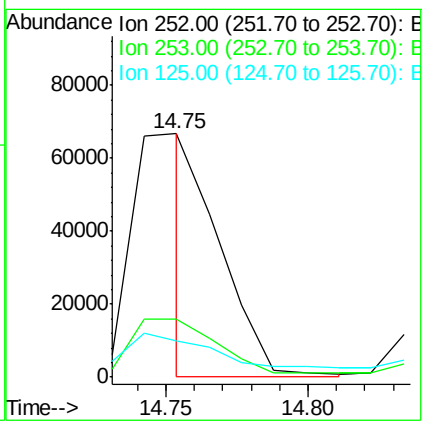
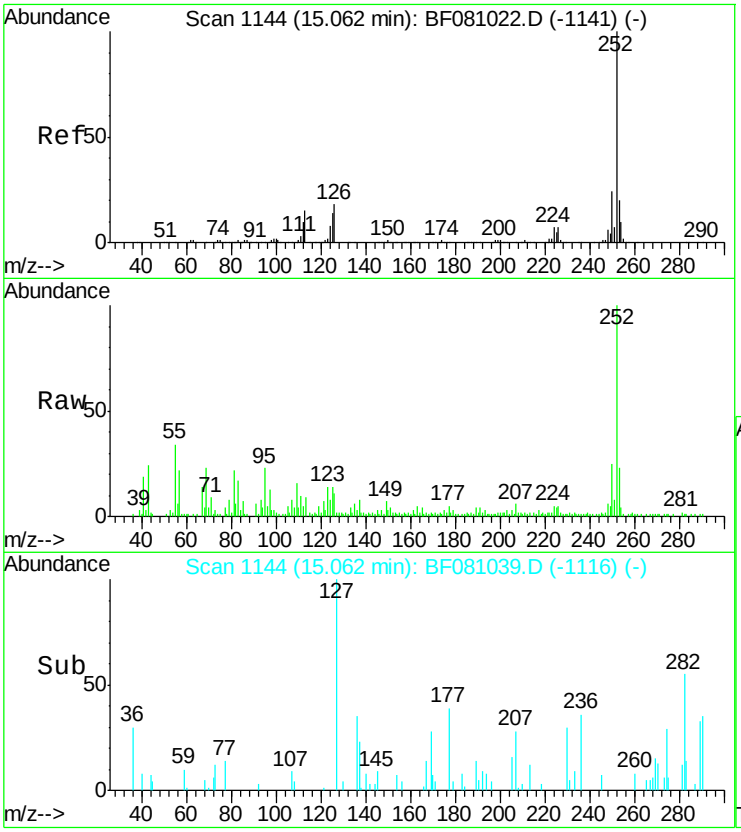


#88
Benzo(k)fluoranthene
Concen: 9.46 ng m
RT: 14.75 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:252 Resp: 47132

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.6	26.4
125	14.9	10.3	15.5





#89
Benzo(a)pyrene
Concen: 14.78 ng
RT: 15.06 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:252 Resp: 68846

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	14.2	7.8	11.8#

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

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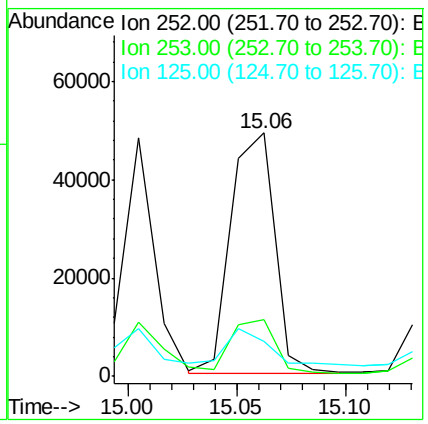
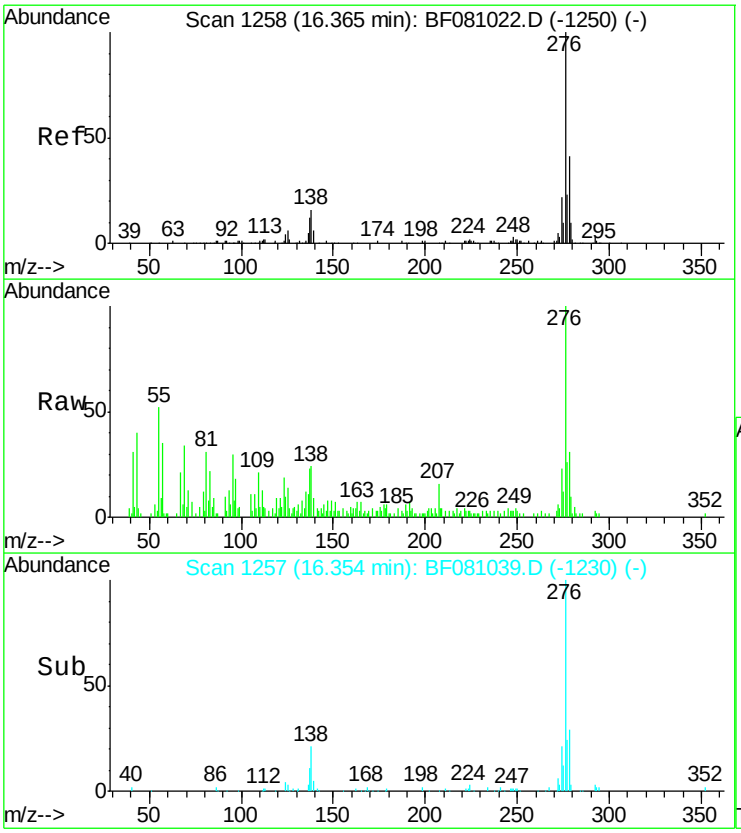
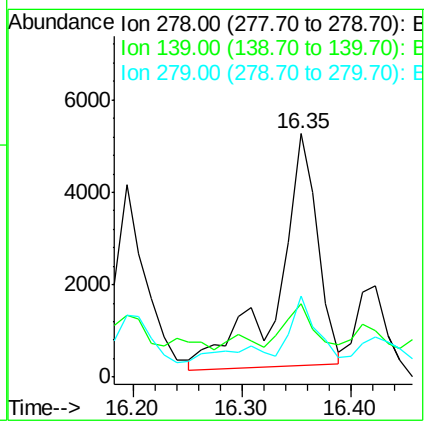


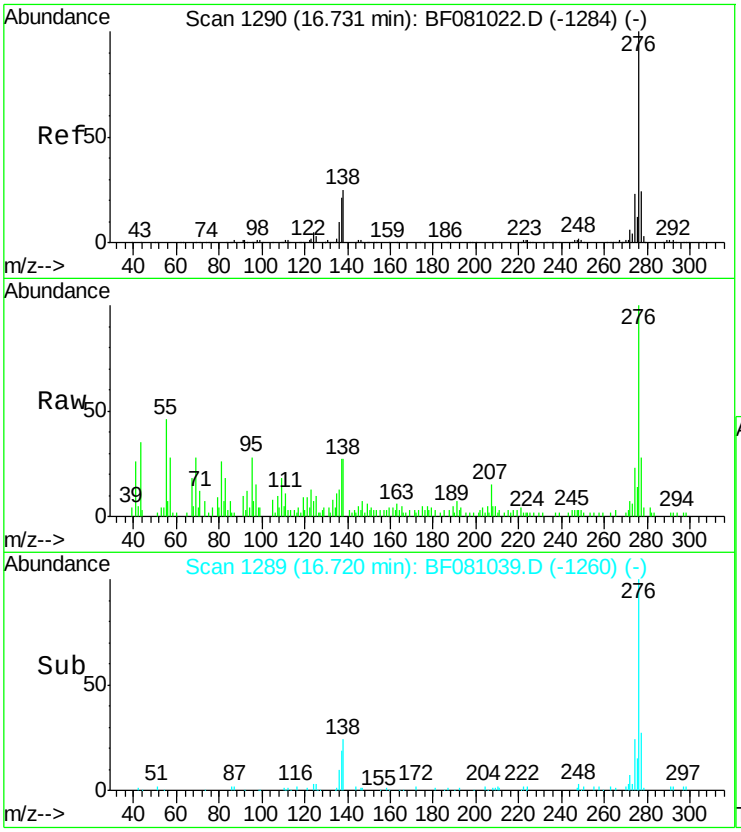


#90
Dibenzo(a,h)anthracene
Concen: 3.52 ng
RT: 16.35 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:278 Resp: 12761

Ion	Ratio	Lower	Upper
278	100		
139	30.1	10.8	16.2#
279	33.0	19.0	28.6#

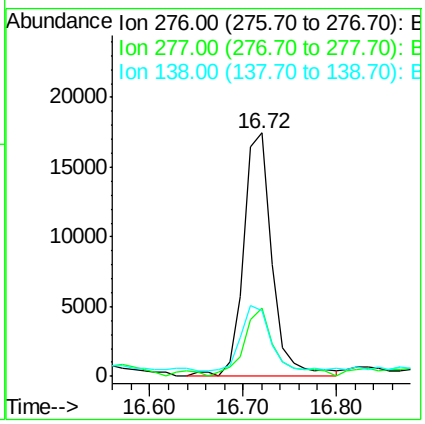




#91
Benzo(g,h,i)perylene
Concen: 10.10 ng
RT: 16.72 min Scan# 1289
Delta R.T. 0.03 min
Lab File: BF081039.D
Acq: 18 Aug 2015 10:02

Tgt Ion:276 Resp: 37207

Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.2	27.2#
138	26.8	13.7	20.5#



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-4

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