Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081040.D
Acq On : 18 Aug 2015 10:34
Operator : UM/IZ
Sample : G3289-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

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

Quant Time: Aug 18 12:57:04 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	61178	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	226281	20.00	ng		0.01
38) Acenaphthene-d10	9.66	164	96777	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	172700	20.00	ng		0.00
75) Chrysene-d12	13.76	240	132413	20.00	ng		0.01
86) Perylene-d12	15.11	264	85579	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	225720	55.49	ng		0.01
7) Phenol-d6	6.27	99	348399	65.65	ng		0.01
23) Nitrobenzene-d5	7.20	82	249455	50.36	ng		0.01
41) 2,4,6-Tribromophenol	10.44	330	63342	75.51	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	417146	56.48	ng		0.00
78) Terphenyl-d14	12.72	244	324004	52.46	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.39	163	120183	15.08	ng		100
70) Phenanthrene	11.15	178	45973	4.49	ng		99
74) Fluoranthene	12.33	202	66942	6.06	ng		91
77) Pyrene	12.56	202	61183	5.68	ng		97
80) Benzo(a)anthracene	13.75	228	29702	3.34	ng		98
82) Chrysene	13.78	228	27358m	3.42	ng		
87) Benzo(b)fluoranthene	14.74	252	28821m	4.76	ng		
89) Benzo(a)pyrene	15.05	252	17949	3.40	ng	#	91
91) Benzo(g,h,i)perylene	16.71	276	10364	2.49	ng	#	76

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Sample : G3289-05
Misc :
ALS Vial : 38 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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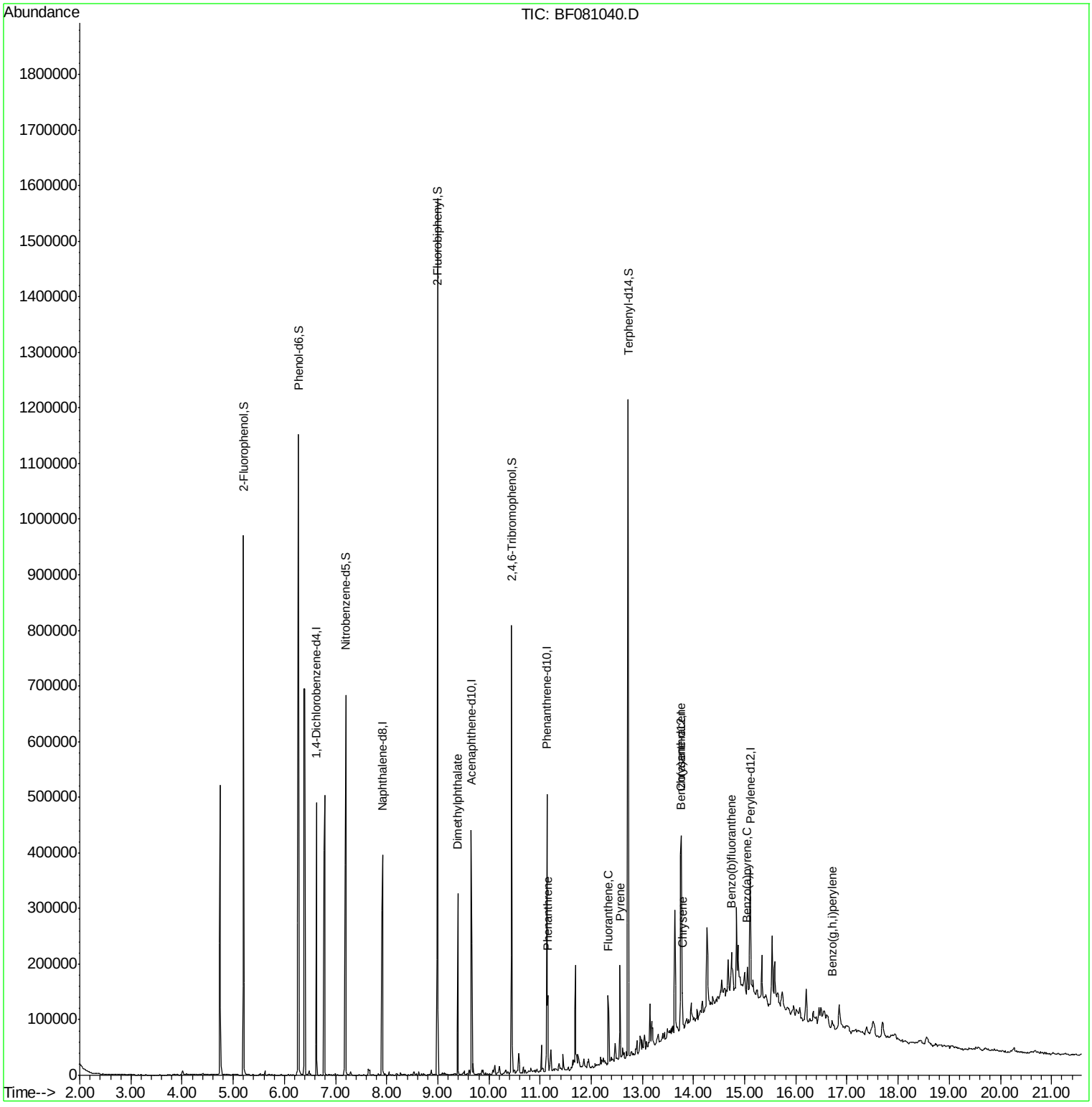
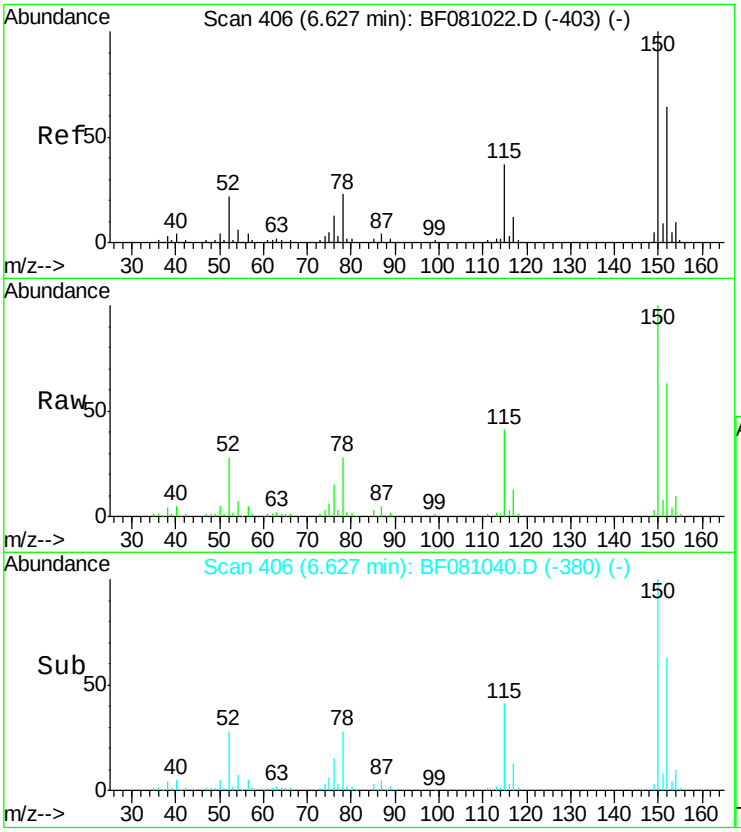
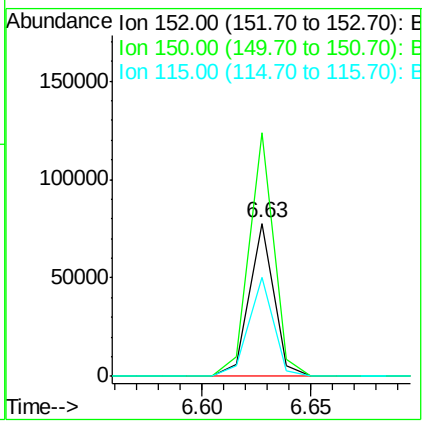




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:152 Resp: 61178

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.8	185.6
115	64.9	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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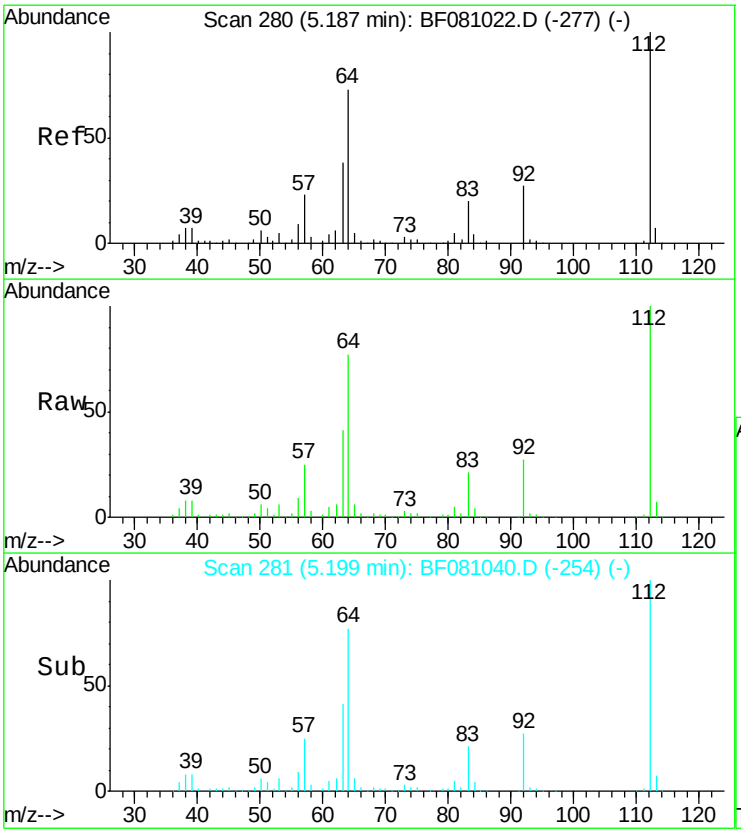
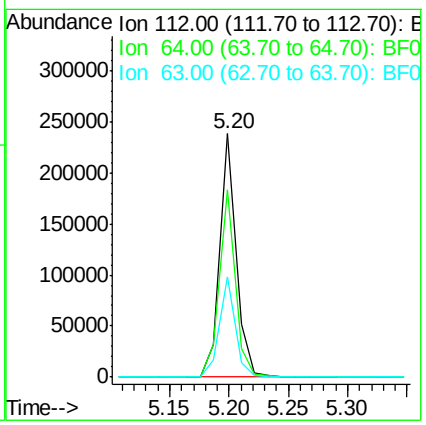
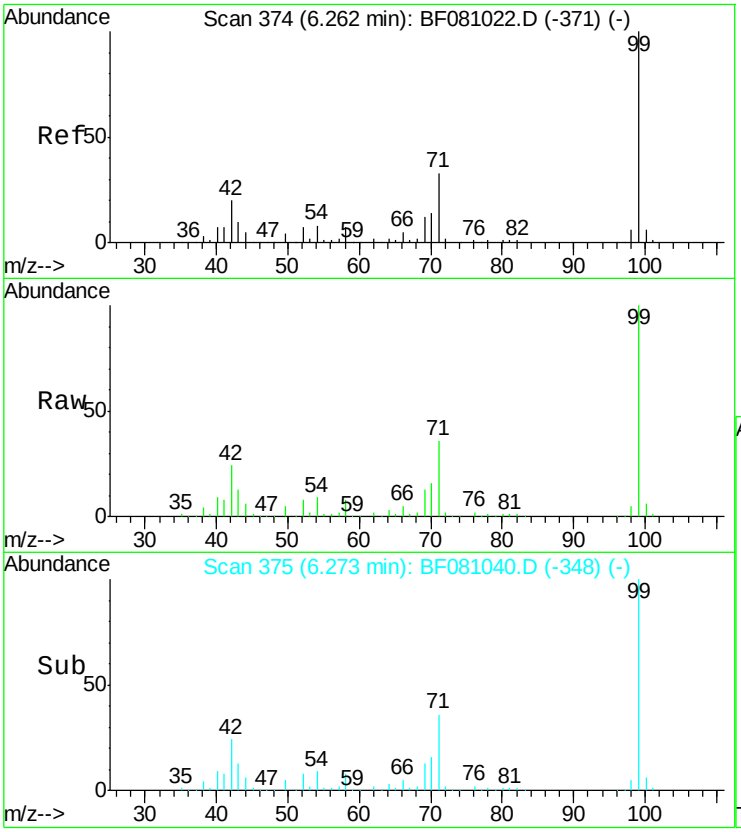


#5
2-Fluorophenol
Concen: 55.49 ng
RT: 5.20 min Scan# 281
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:112 Resp: 225720

Ion	Ratio	Lower	Upper
112	100		
64	76.8	66.9	100.3
63	41.0	38.1	57.1

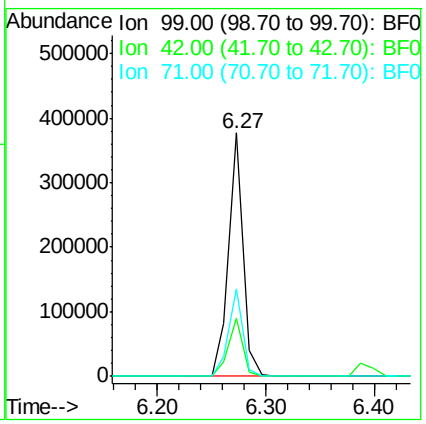




#7
Phenol-d6
Concen: 65.65 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion: 99 Resp: 348399

Ion	Ratio	Lower	Upper
99	100		
42	23.9	19.6	29.4
71	36.1	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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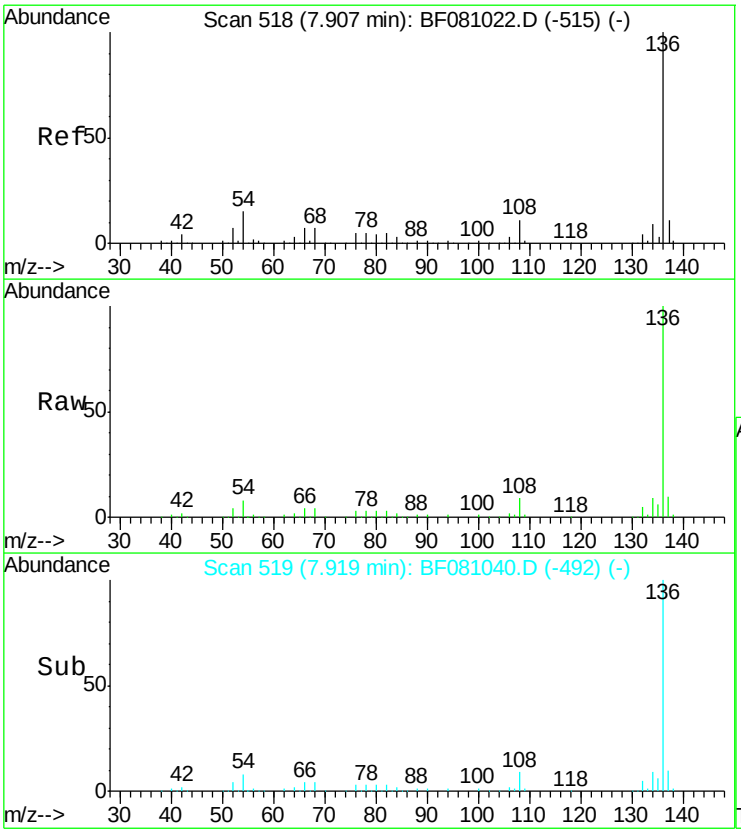
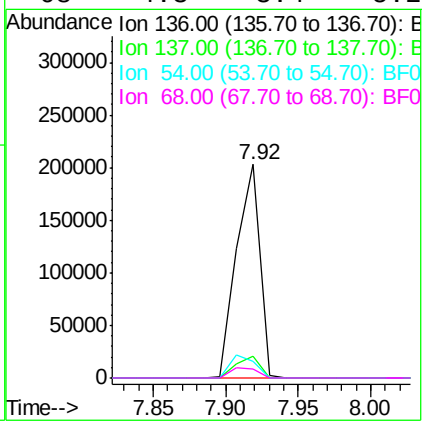
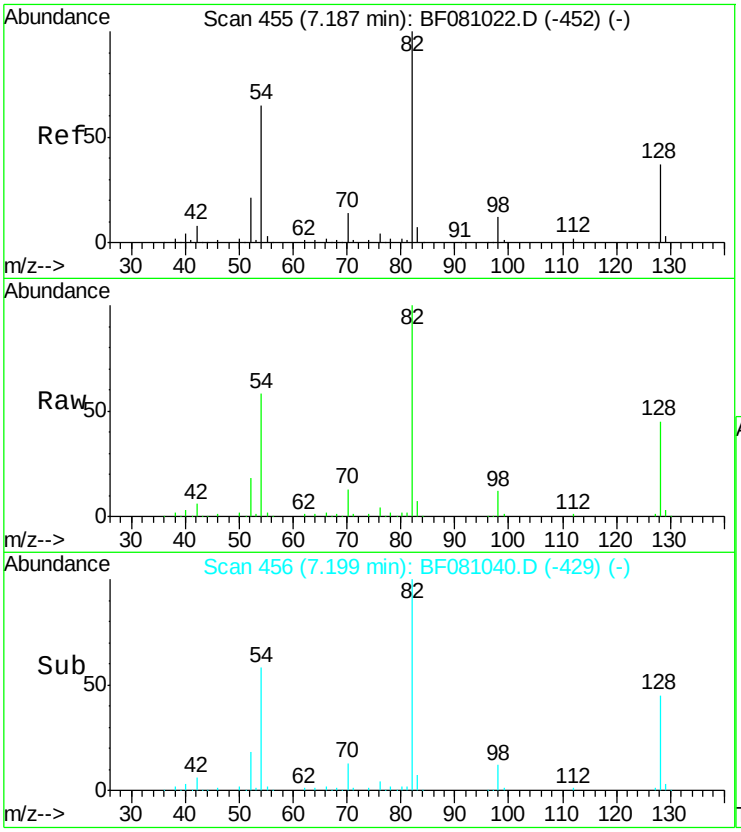


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 519
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:136 Resp: 226281

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.2
54	7.9	7.7	11.5
68	4.3	3.4	5.2

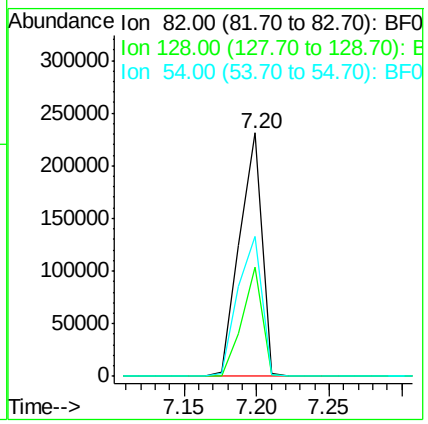




#23
Nitrobenzene-d5
Concen: 50.36 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion: 82 Resp: 249455

Ion	Ratio	Lower	Upper
82	100		
128	45.0	28.6	42.8#
54	57.6	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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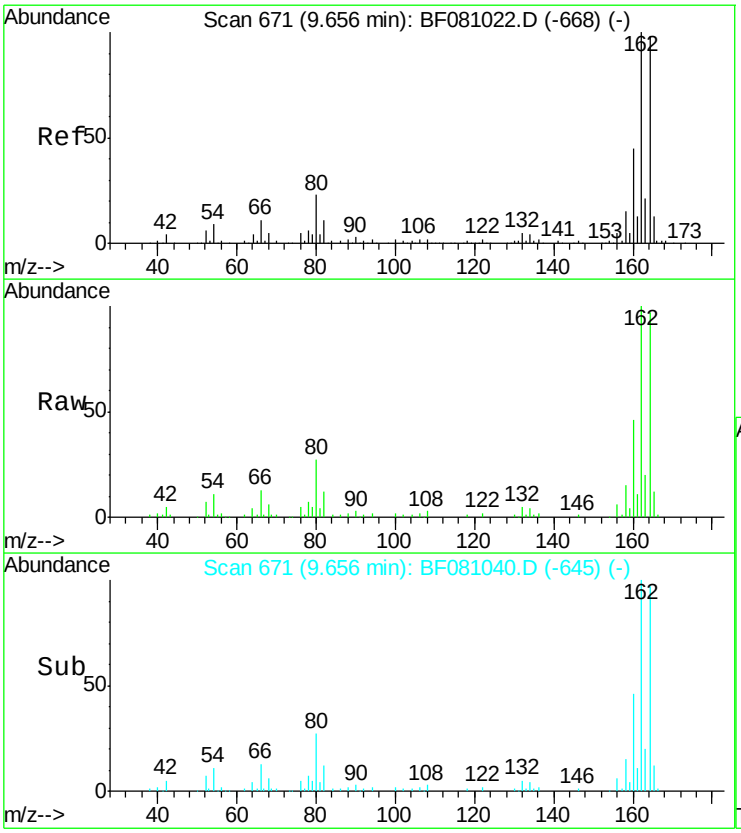
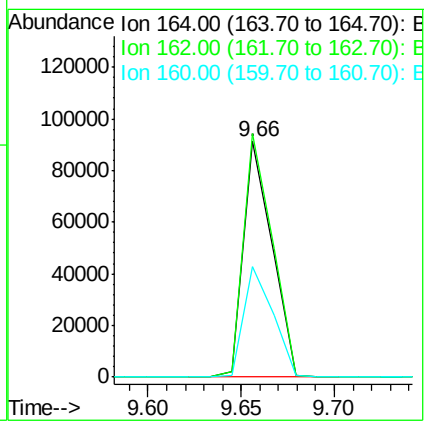
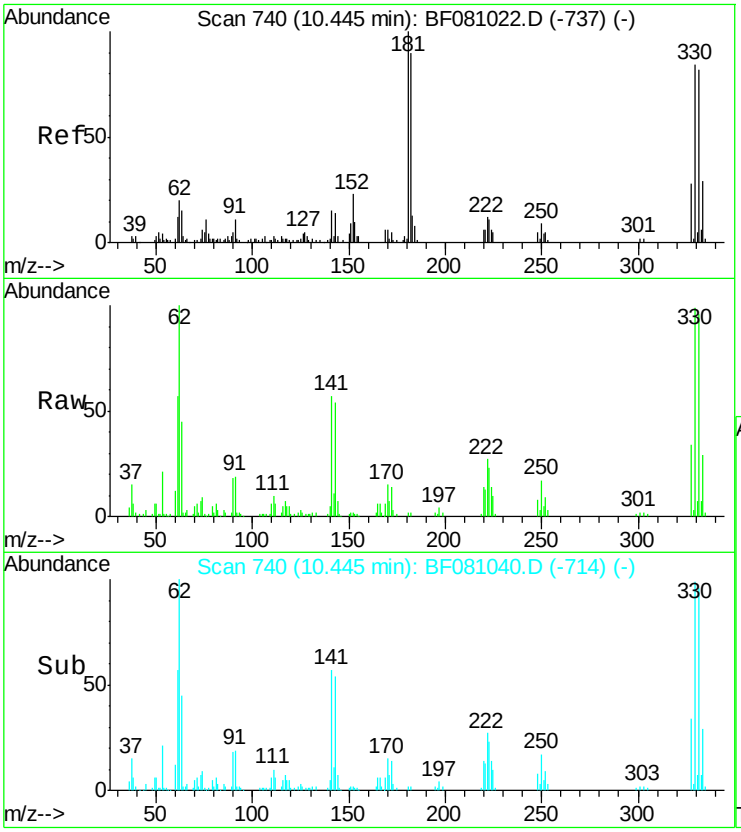


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:164 Resp: 96777

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.8	125.8
160	47.1	39.8	59.8

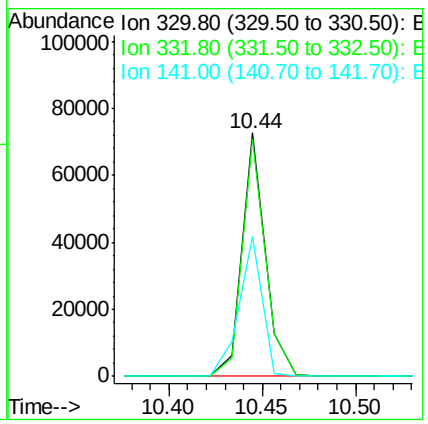




#41
2,4,6-Tribromophenol
Concen: 75.51 ng
RT: 10.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:330 Resp: 63342

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	57.6	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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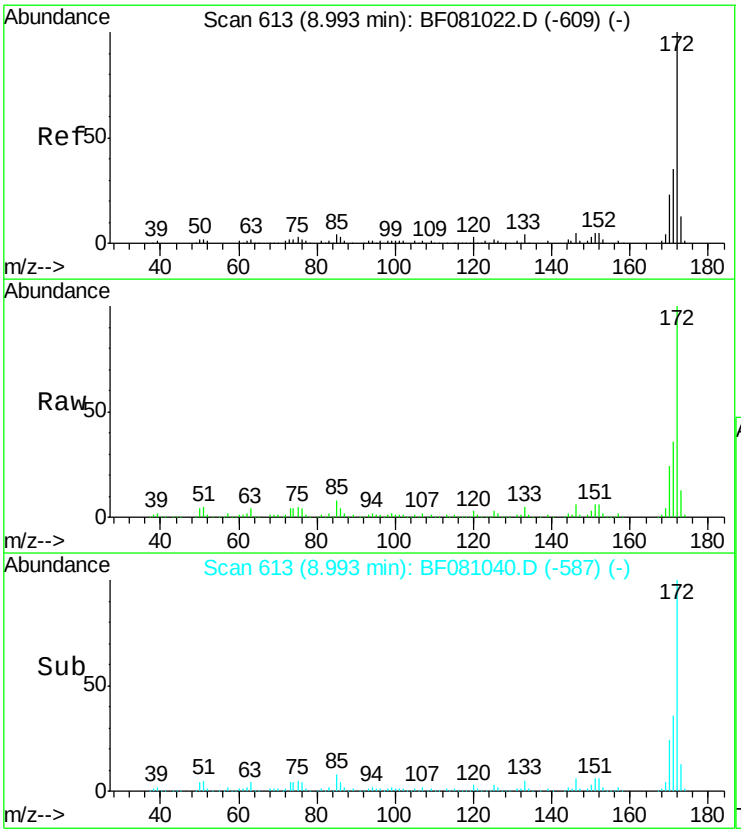
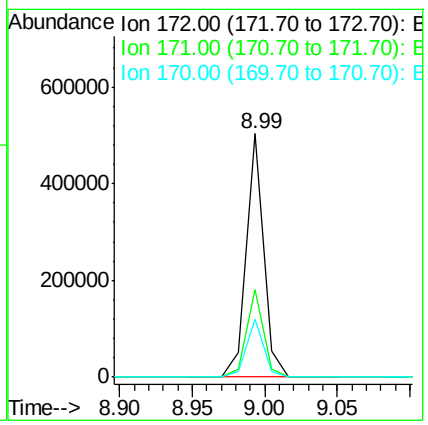
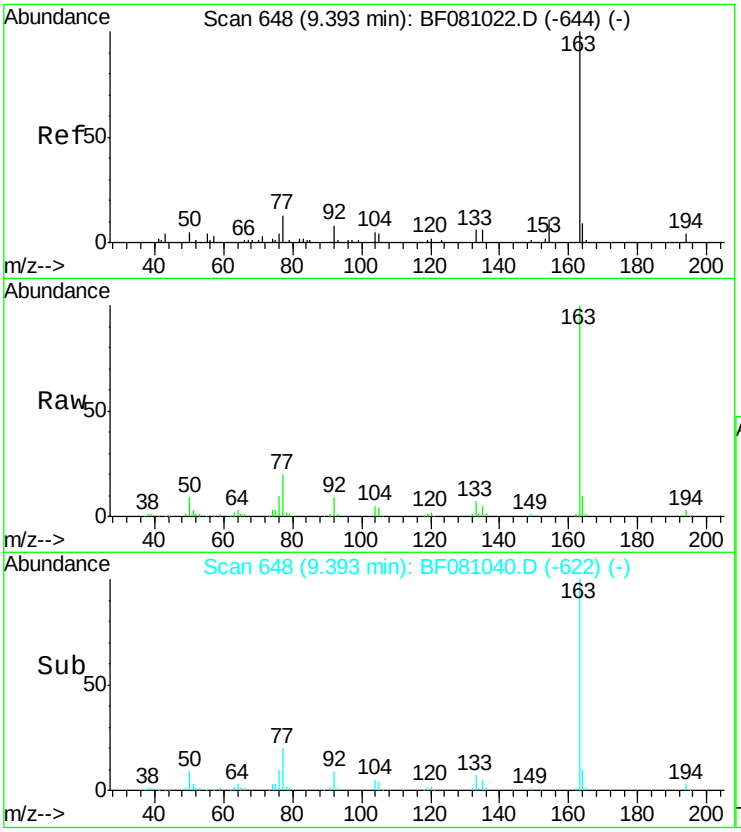


#44
2-Fluorobiphenyl
Concen: 56.48 ng
RT: 8.99 min Scan# 613
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:172 Resp: 417146

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.0	19.4	29.2

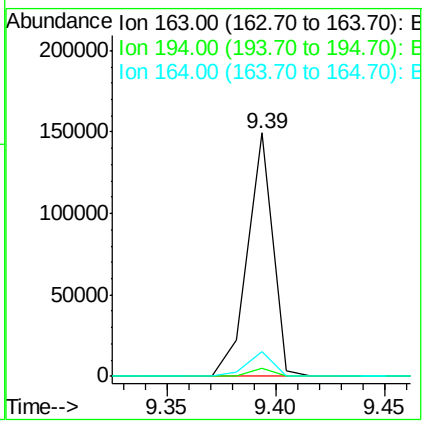




#49
Dimethylphthalate
Concen: 15.08 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:163 Resp: 120183

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.5	3.7
164	10.0	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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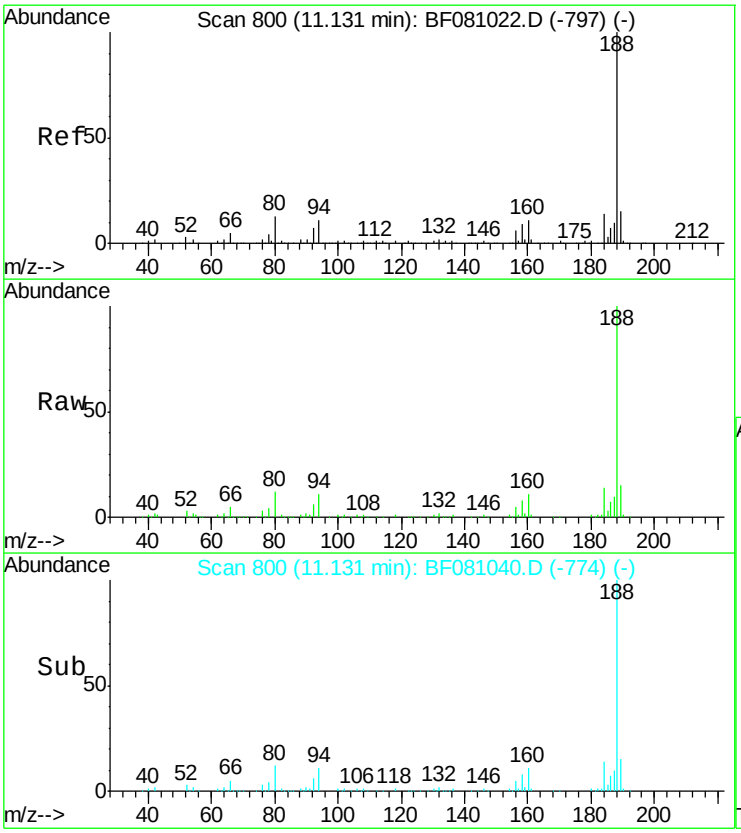
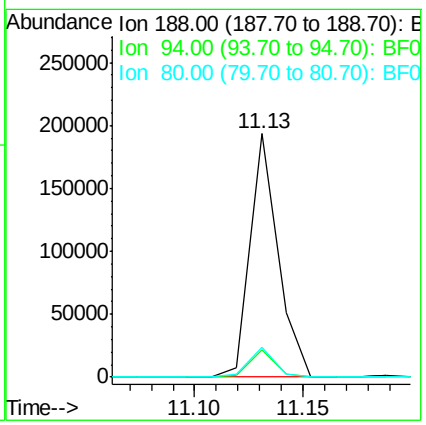
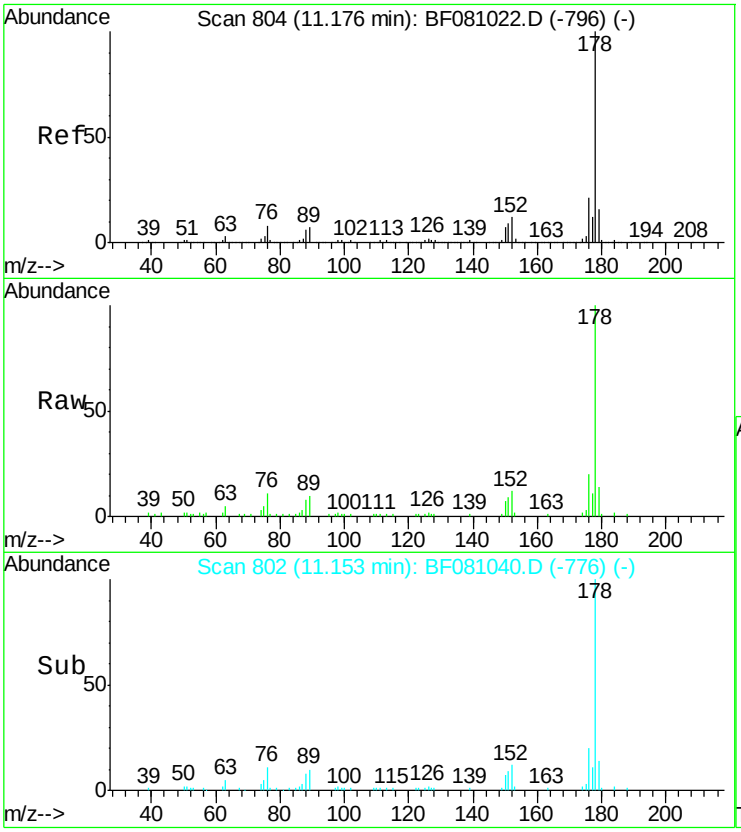


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:188 Resp: 172700

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.2	12.2
80	12.4	9.5	14.3

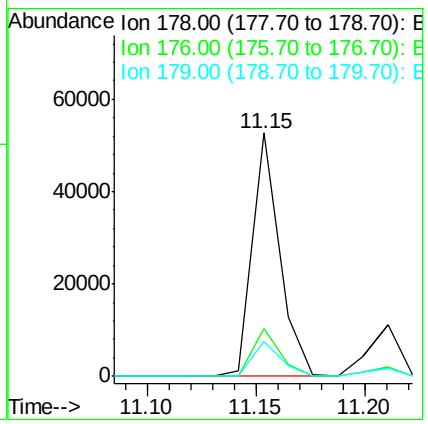




#70
Phenanthrene
Concen: 4.49 ng
RT: 11.15 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:178 Resp: 45973

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	14.3	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

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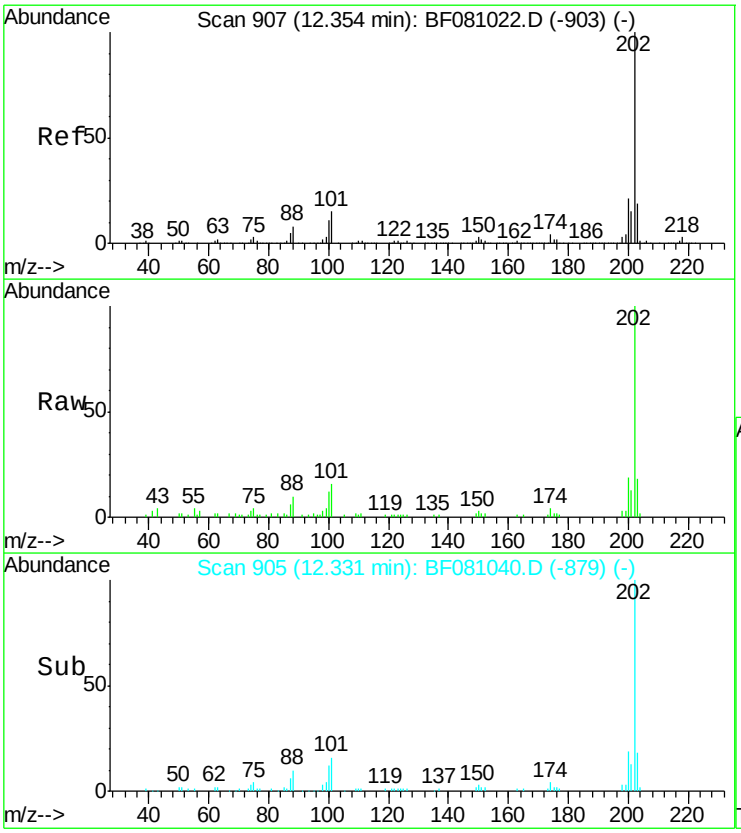
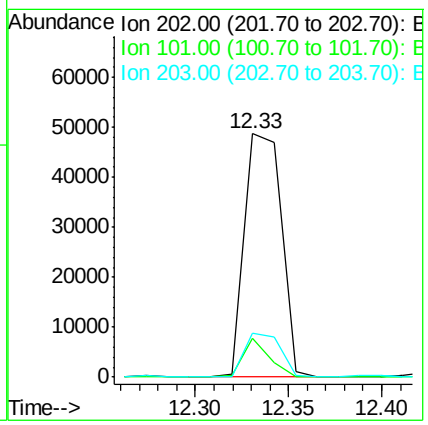
8/18/2015 5:14:18 PM

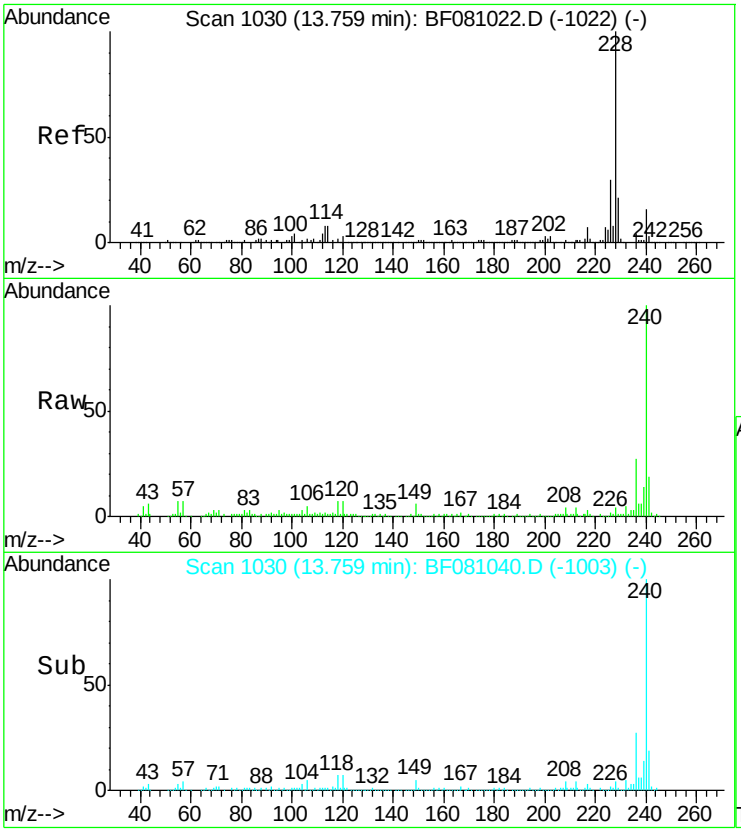


#74
Fluoranthene
Concen: 6.06 ng
RT: 12.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:202 Resp: 66942

Ion	Ratio	Lower	Upper
202	100		
101	15.7	0.0	24.8
203	17.8	0.0	36.9

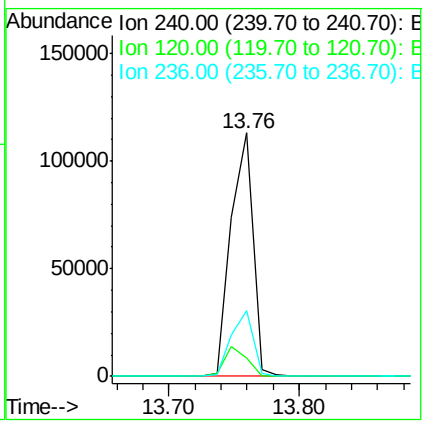




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.76 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:240 Resp: 132413

Ion	Ratio	Lower	Upper
240	100		
120	7.3	5.6	8.4
236	26.7	20.6	30.8



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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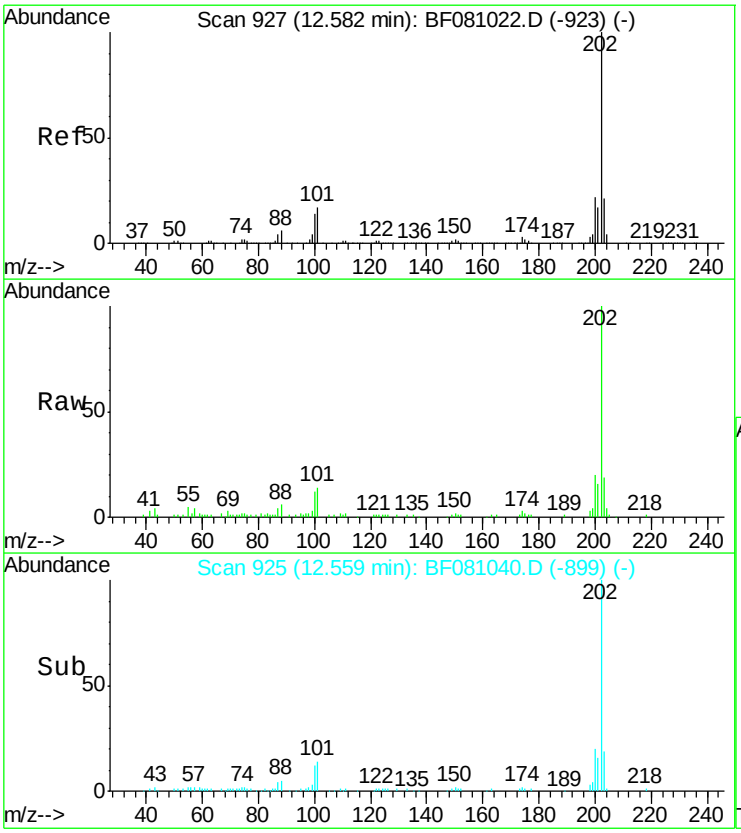
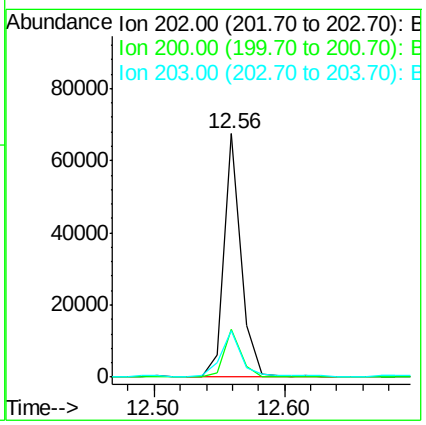
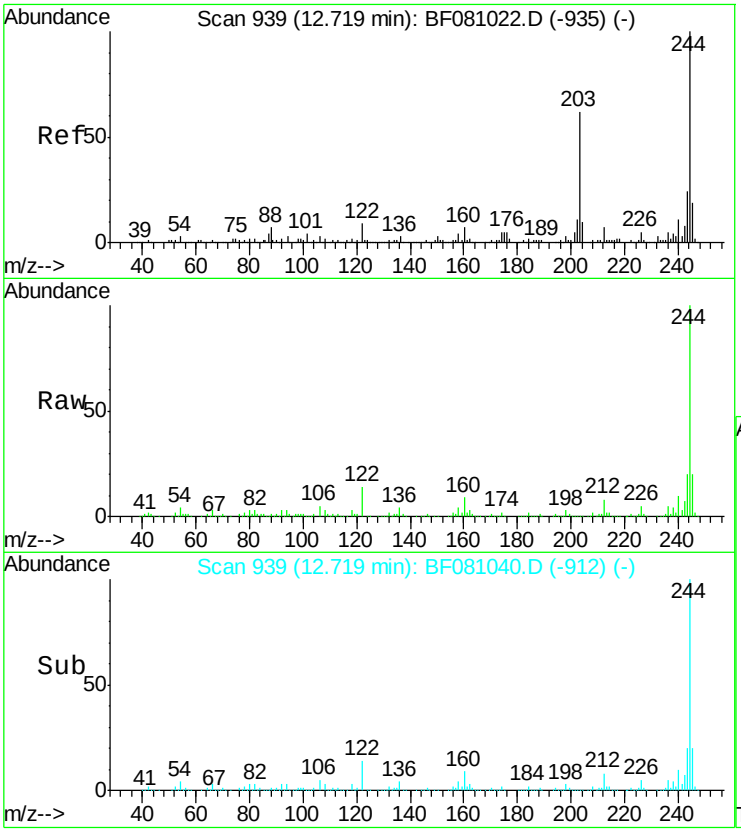


#77
Pyrene
Concen: 5.68 ng
RT: 12.56 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:202 Resp: 61183

Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.6	24.8
203	19.1	14.1	21.1

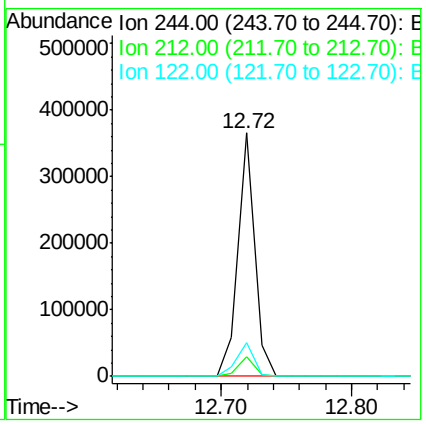




#78
Terphenyl-d14
Concen: 52.46 ng
RT: 12.72 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

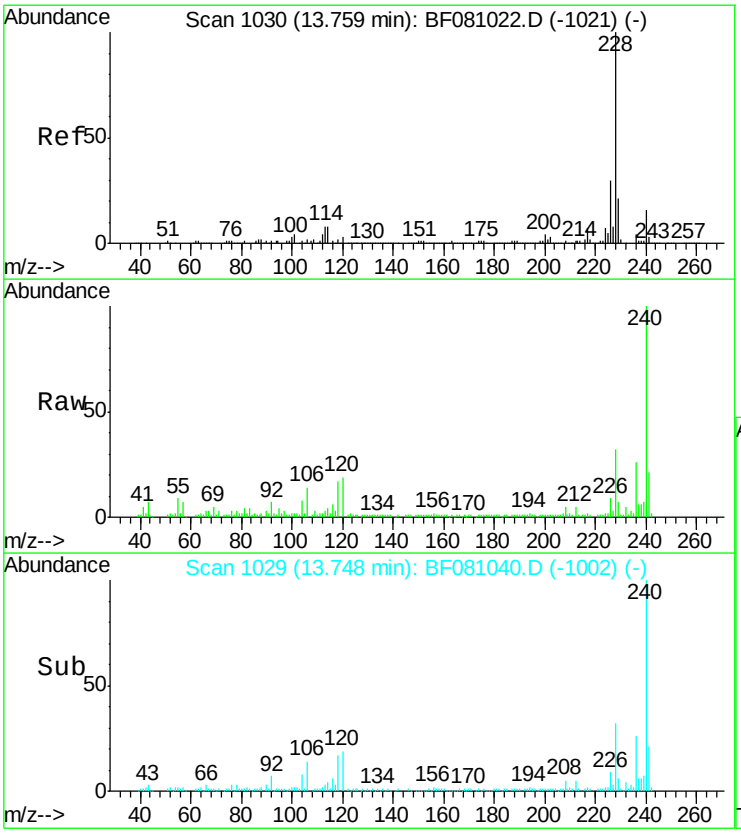
Tgt Ion:244 Resp: 324004

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	13.7	8.2	12.4#



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

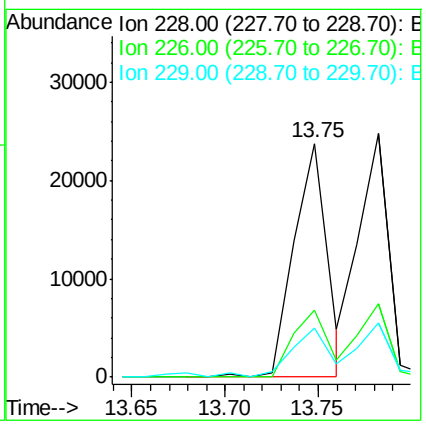
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:14:18 PM

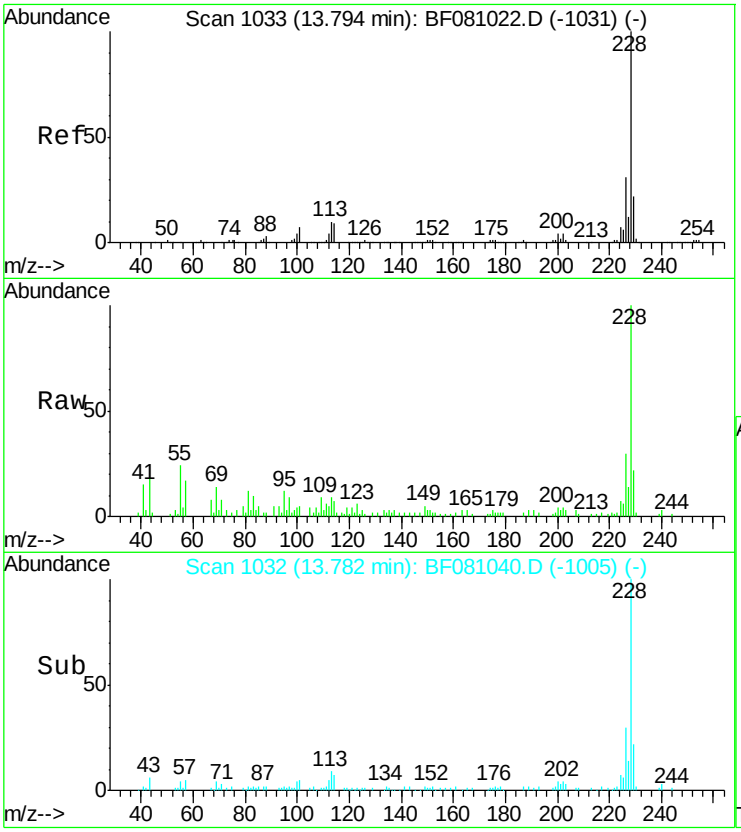


#80
Benzo(a)anthracene
Concen: 3.34 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:228 Resp: 29702

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	21.1	15.9	23.9

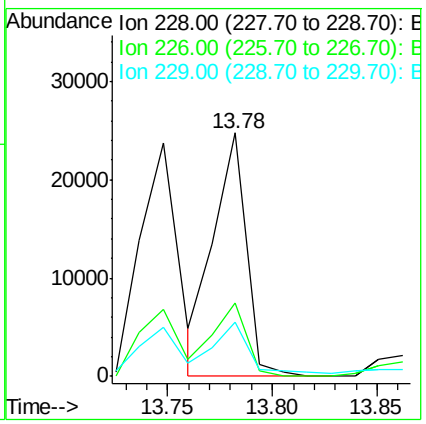




#82
Chrysene
Concen: 3.42 ng m
RT: 13.78 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:228 Resp: 27358

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.4	36.6
229	22.2	16.0	24.0



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

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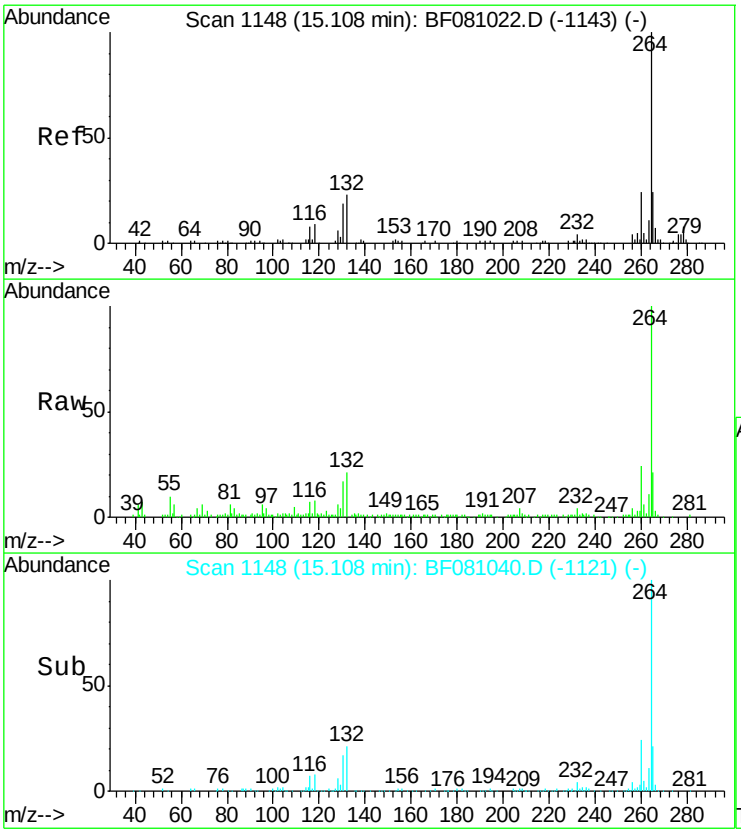
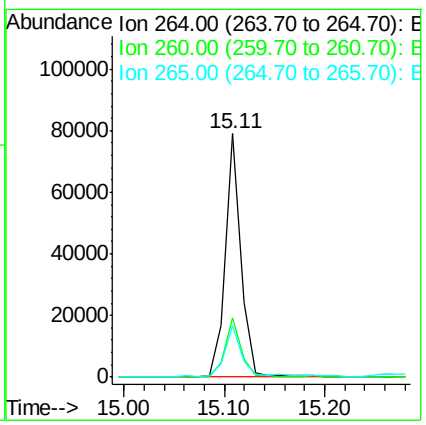
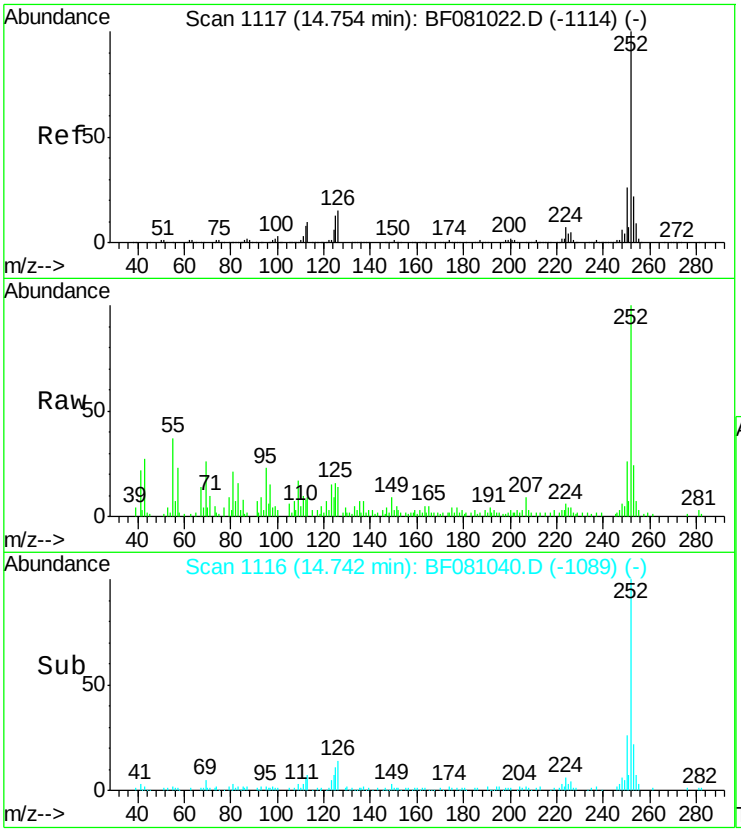


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:264 Resp: 85579

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.5	17.5	26.3





#87
Benzo(b)fluoranthene
Concen: 4.76 ng m
RT: 14.74 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:252 Resp: 28821

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	16.5	8.0	12.0#

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

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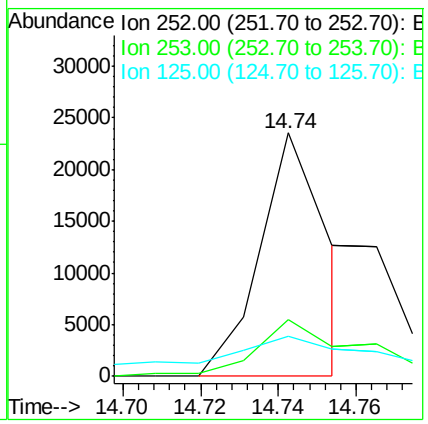
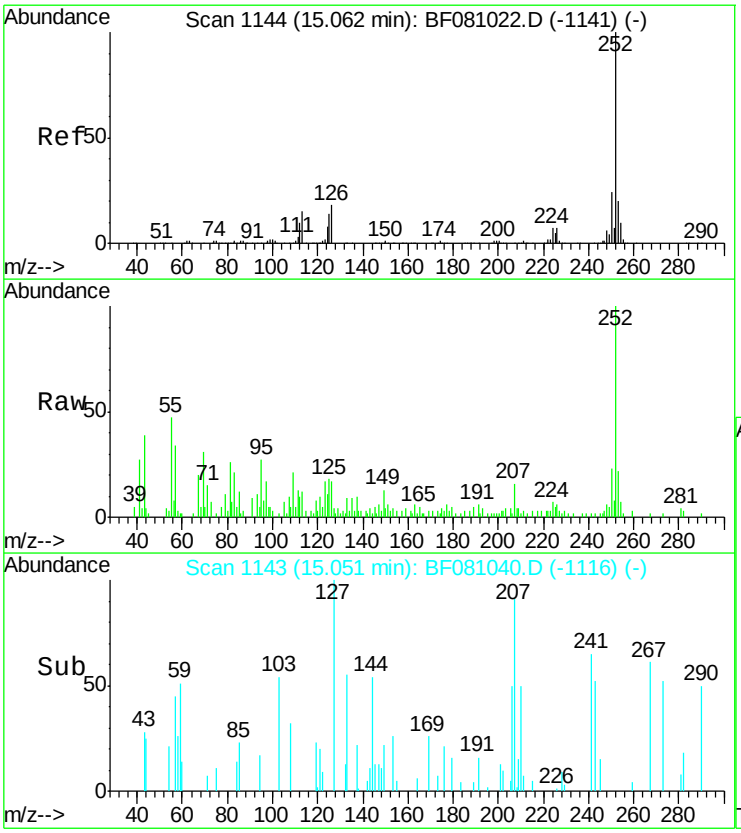
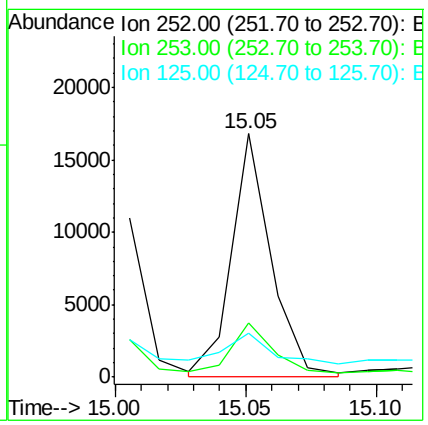


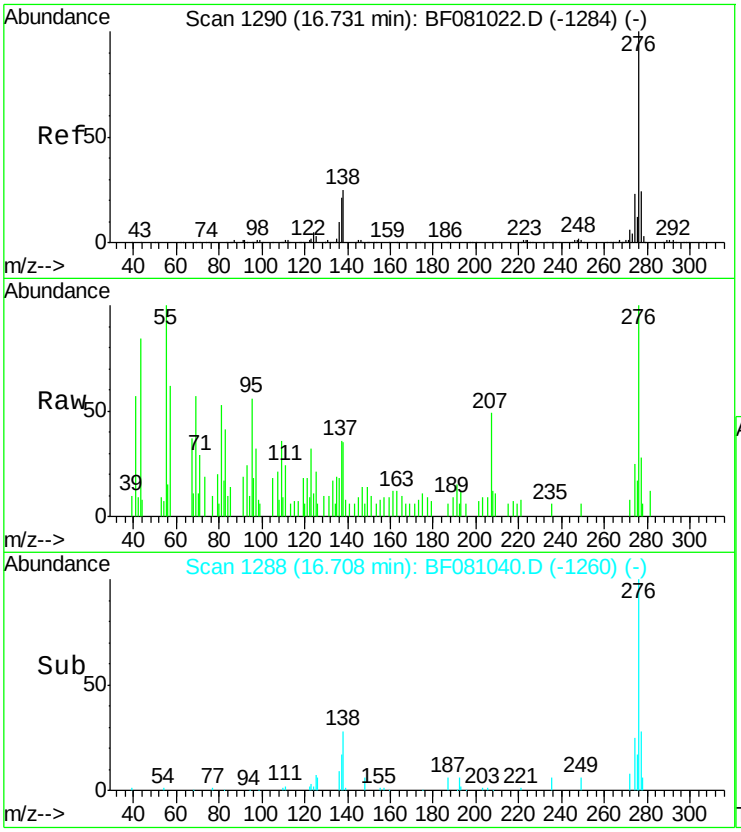


#89
Benzo(a)pyrene
Concen: 3.40 ng
RT: 15.05 min Scan# 1143
Delta R.T. 0.01 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:252 Resp: 17949

Ion	Ratio	Lower	Upper
252	100		
253	22.2	16.6	25.0
125	18.3	7.8	11.8#

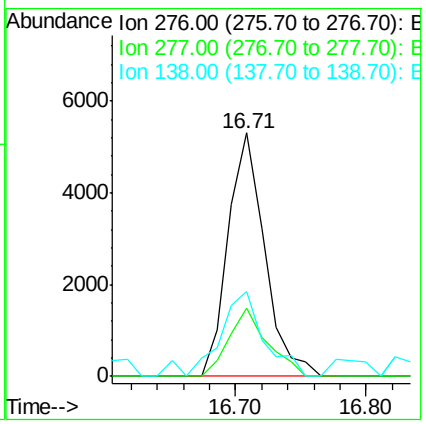




#91
Benzo(g,h,i)perylene
Concen: 2.49 ng
RT: 16.71 min Scan# 1288
Delta R.T. 0.02 min
Lab File: BF081040.D
Acq: 18 Aug 2015 10:34

Tgt Ion:276 Resp: 10364

Ion	Ratio	Lower	Upper
276	100		
277	27.8	18.2	27.2#
138	35.1	13.7	20.5#



Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-3

Manual Integrations APPROVED
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