Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
Data File : BM001270.D
Acq On : 13 May 2015 02:41
Operator : TP/IZ
Sample : G2183-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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5/13/2015 4:55:05 PM

Quant Time: May 13 06:09:45 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 05:24:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	13780	5.00	ng		0.00
6) Naphthalene-d8	10.22	136	48105	5.00	ng		0.00
12) Acenaphthene-d10	14.12	164	24745	5.00	ng		0.00
18) Phenanthrene-d10	16.85	188	58970	5.00	ng		0.00
24) Chrysene-d12	21.08	240	43738	5.00	ng		0.00
30) Perylene-d12	23.18	264	40771	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	17399	6.48	ng		0.00
5) Phenol-d6	6.63	99	22775	7.52	ng		0.00
7) Nitrobenzene-d5	8.60	82	12316	4.08	ng		0.00
13) 2,4,6-Tribromophenol	15.63	330	5720	6.76	ng		0.00
14) 2-Fluorobiphenyl	12.73	172	40951	5.33	ng		0.00
26) Terphenyl-d14	19.51	244	32856	5.59	ng		-0.01
Target Compounds							Qvalue
21) Phenanthrene	16.88	178	310m	0.03	ng		
23) Fluoranthene	18.93	202	514	0.04	ng	#	97
25) Pyrene	19.30	202	452	0.03	ng		97
27) Benzo(a)anthracene	21.07	228	365	0.03	ng	#	70

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051315\
Data File : BM001270.D
Acq On : 13 May 2015 02:41
Operator : TP/IZ
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Misc :
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SB-1(7-8)

Manual Integrations APPROVED
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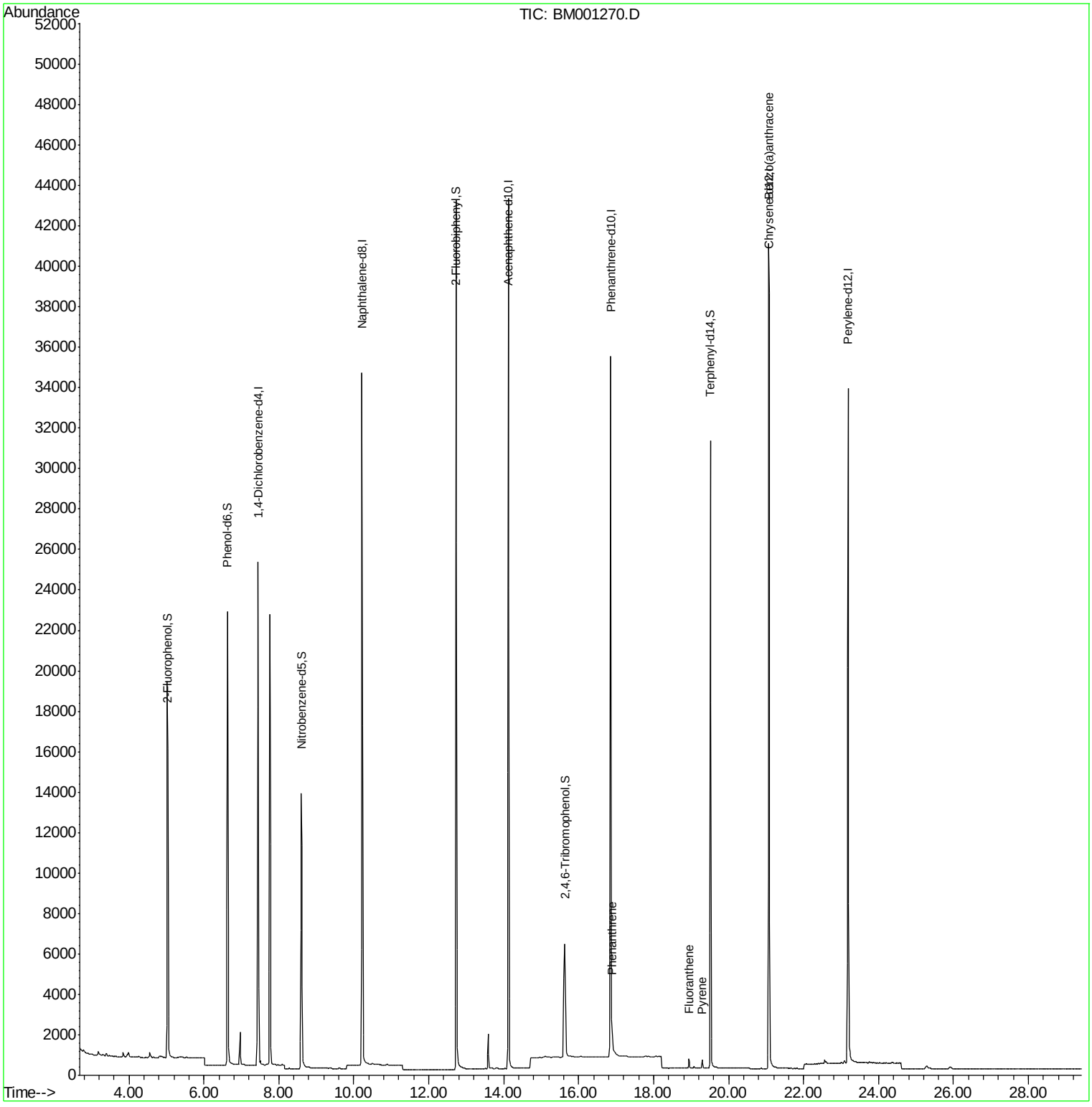
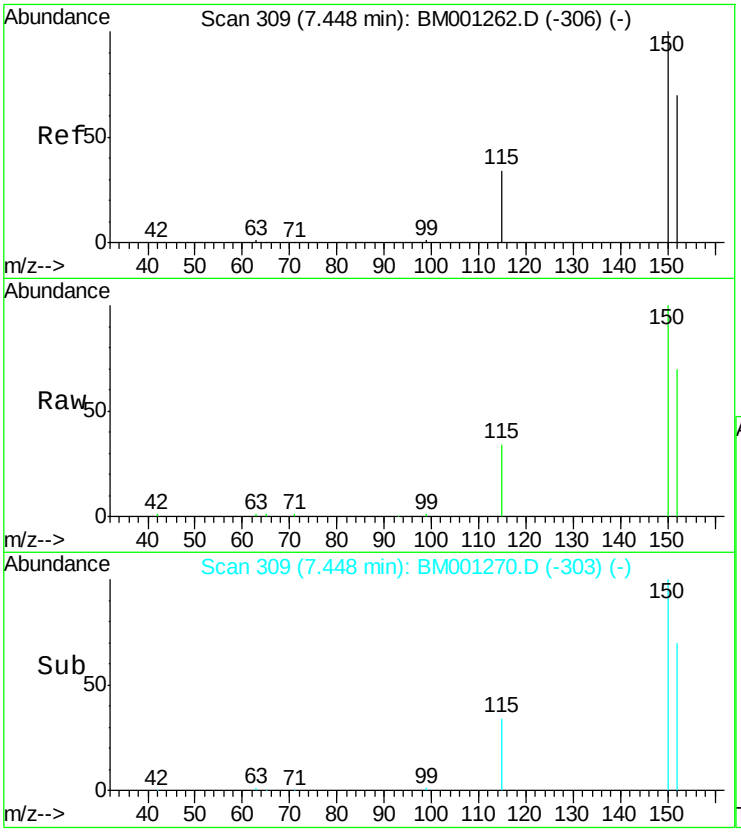
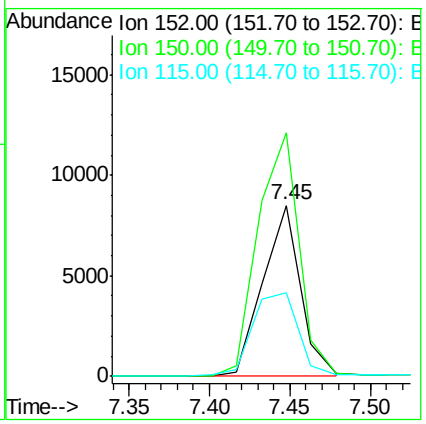




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.45 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:152 Resp: 13780

Ion	Ratio	Lower	Upper
152	100		
150	142.7	114.6	172.0
115	48.9	39.3	58.9



Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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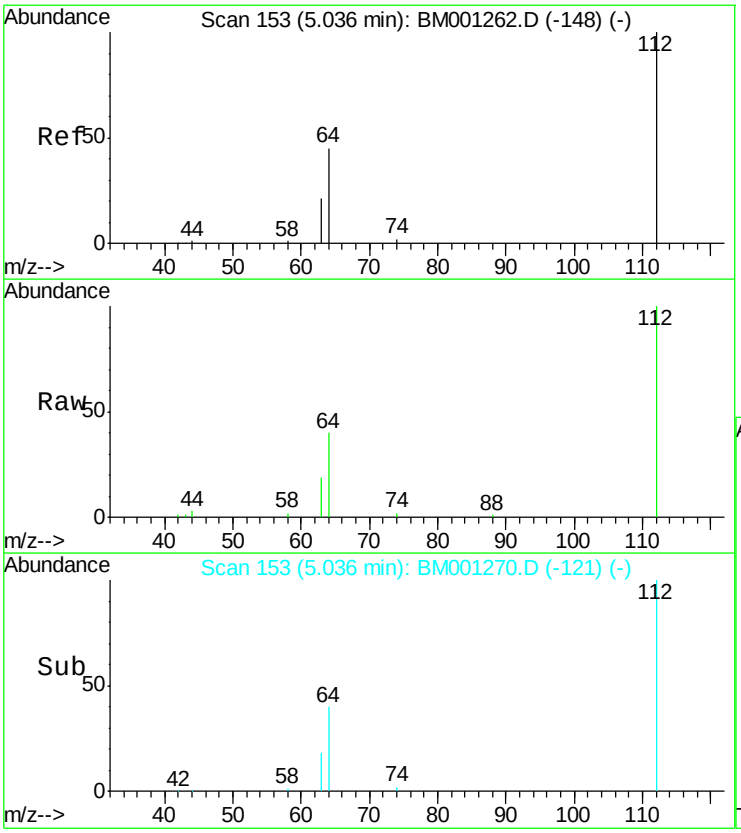
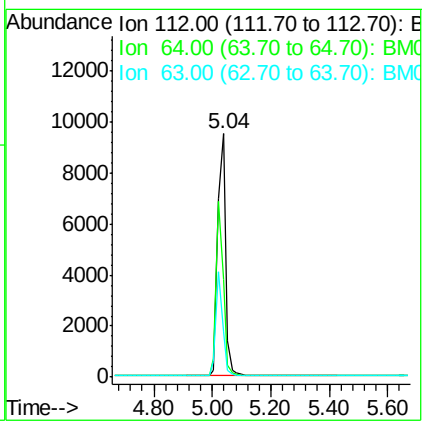
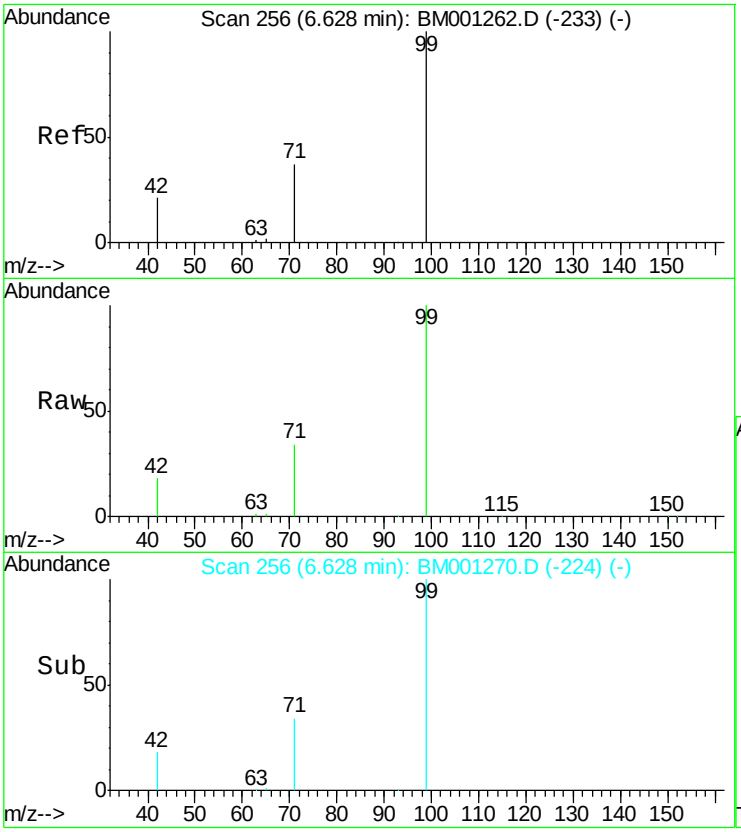


#4
2-Fluorophenol
Concen: 6.48 ng
RT: 5.04 min Scan# 153
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:112 Resp: 17399

Ion	Ratio	Lower	Upper
112	100		
64	64.4	50.8	76.2
63	35.7	28.2	42.4

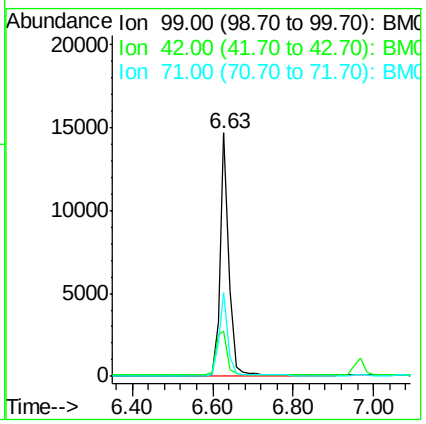




#5
Phenol-d6
Concen: 7.52 ng
RT: 6.63 min Scan# 256
Delta R.T. 0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion: 99 Resp: 22775

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.9	29.9
71	34.8	28.0	42.0



Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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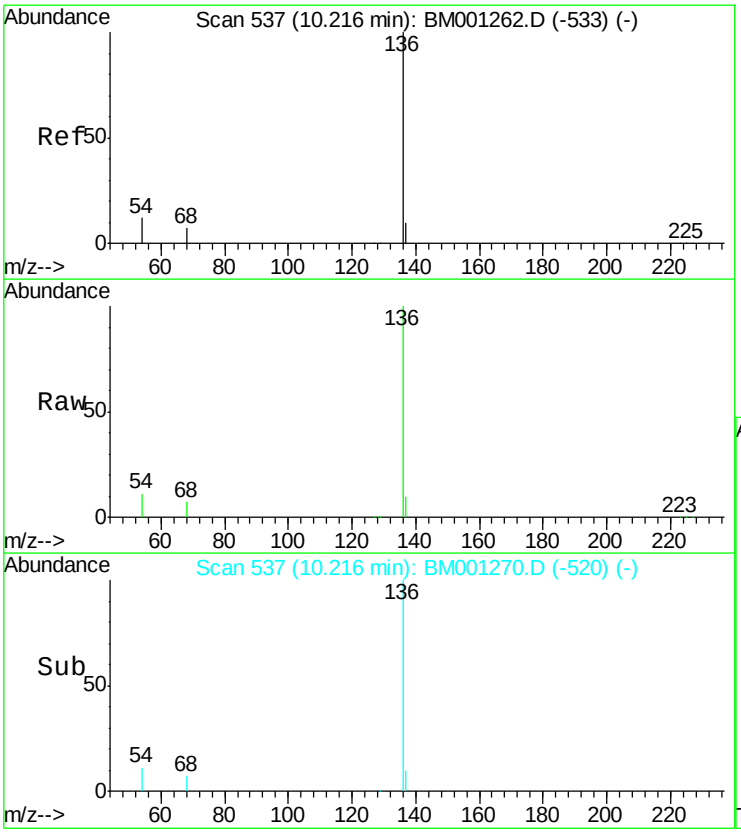
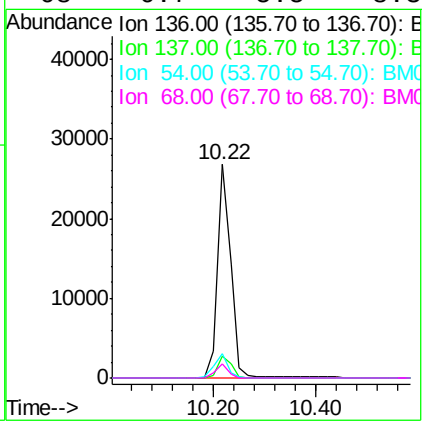
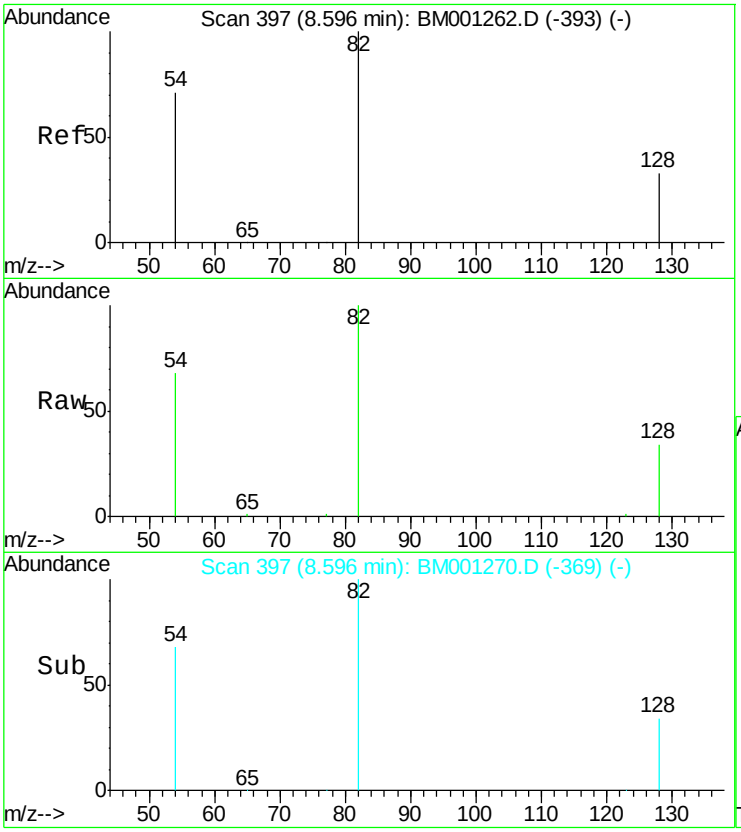


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:136 Resp: 48105

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.4
54	11.3	9.5	14.3
68	6.7	5.5	8.3

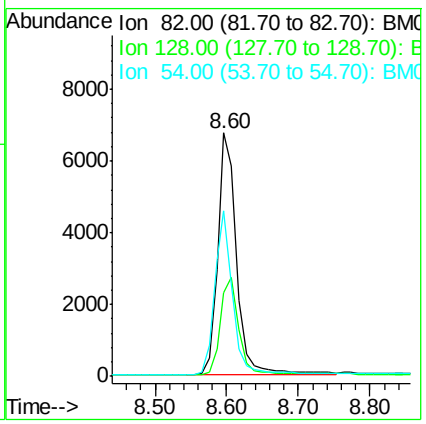




#7
Nitrobenzene-d5
Concen: 4.08 ng
RT: 8.60 min Scan# 397
Delta R.T. 0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion: 82 Resp: 12316

Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.0	42.0
54	67.9	57.3	85.9



Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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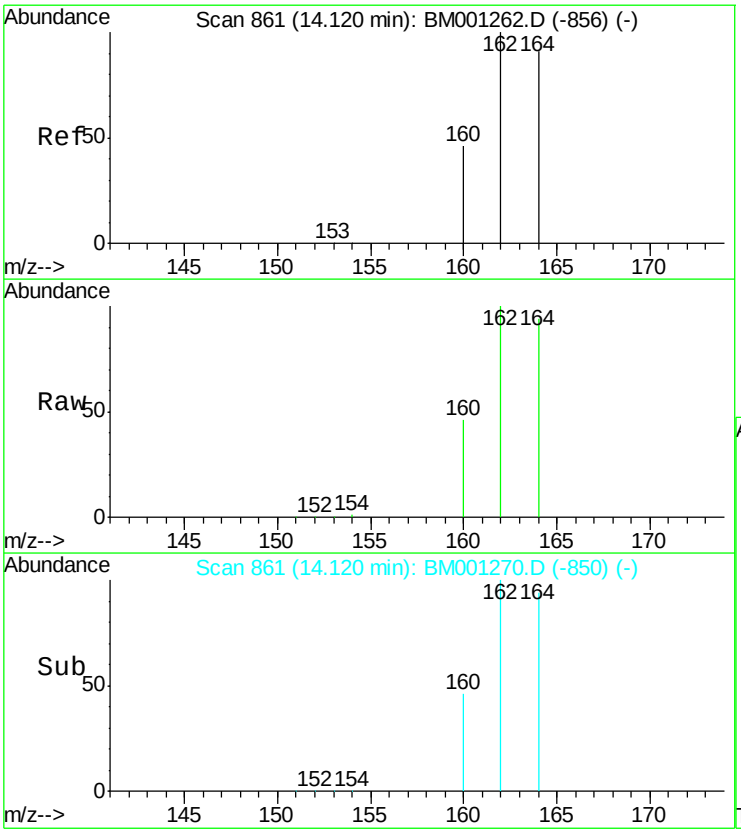
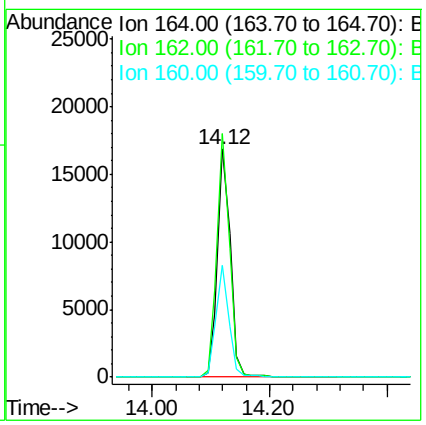
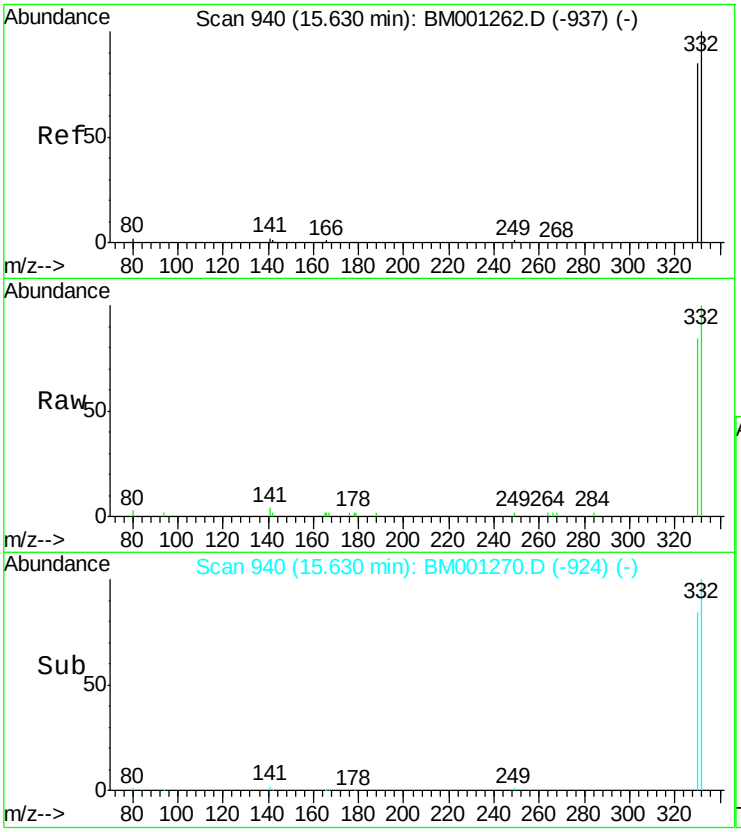


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.12 min Scan# 861
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:164 Resp: 24745

Ion	Ratio	Lower	Upper
164	100		
162	106.8	87.9	131.9
160	48.8	40.9	61.3

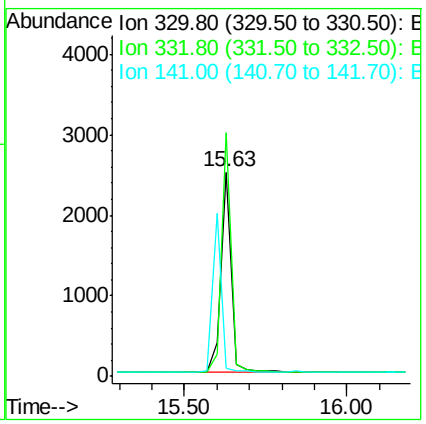




#13
2,4,6-Tribromophenol
Concen: 6.76 ng
RT: 15.63 min Scan# 940
Delta R.T. 0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:330 Resp: 5720

Ion	Ratio	Lower	Upper
330	100		
332	111.0	89.0	133.4
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

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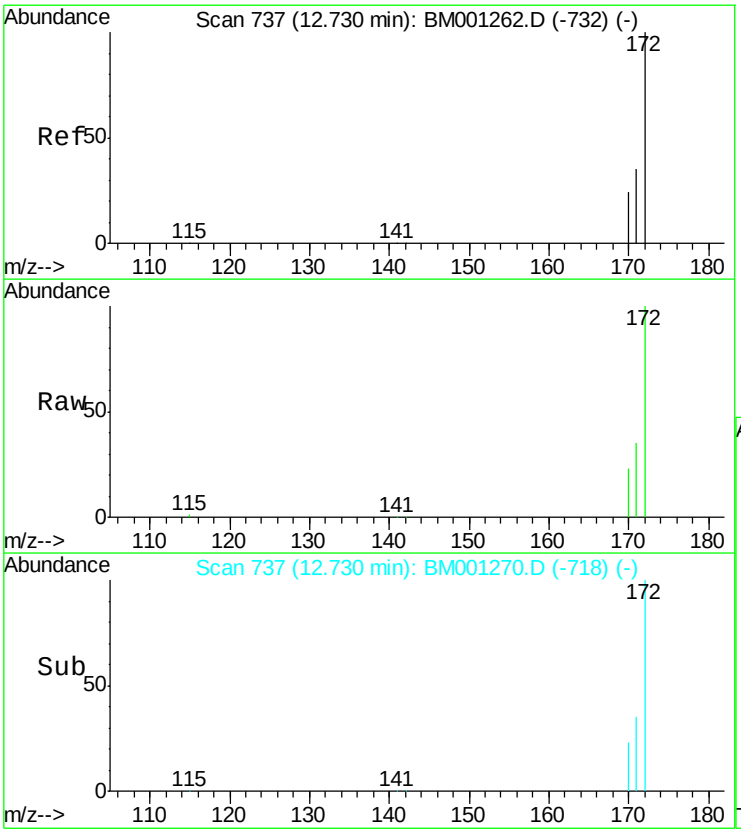
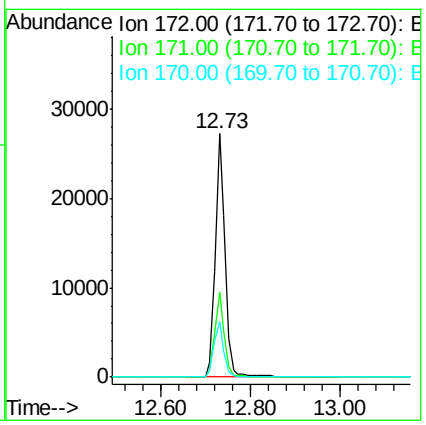
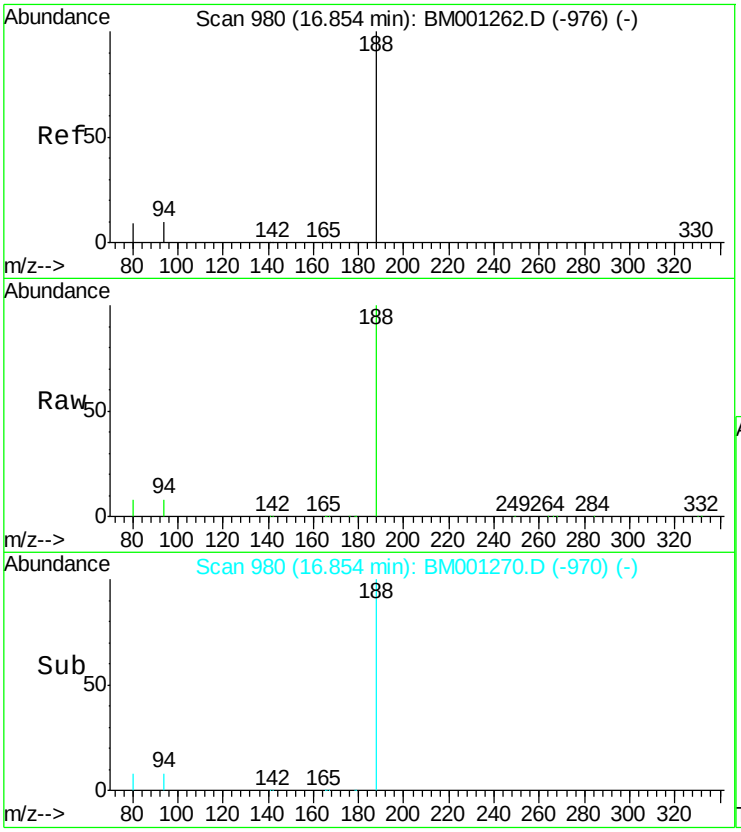


#14
2-Fluorobiphenyl
Concen: 5.33 ng
RT: 12.73 min Scan# 737
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:172 Resp: 40951

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	23.0	19.5	29.3

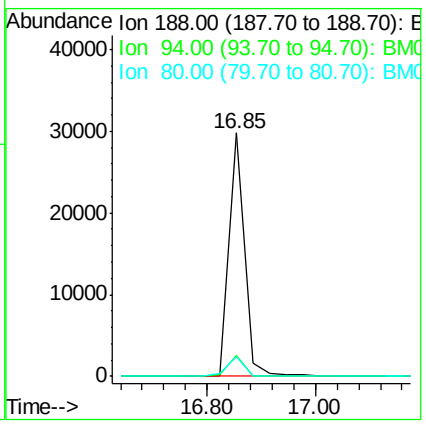




#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:188 Resp: 58970

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.8	11.8
80	7.8	7.5	11.3



Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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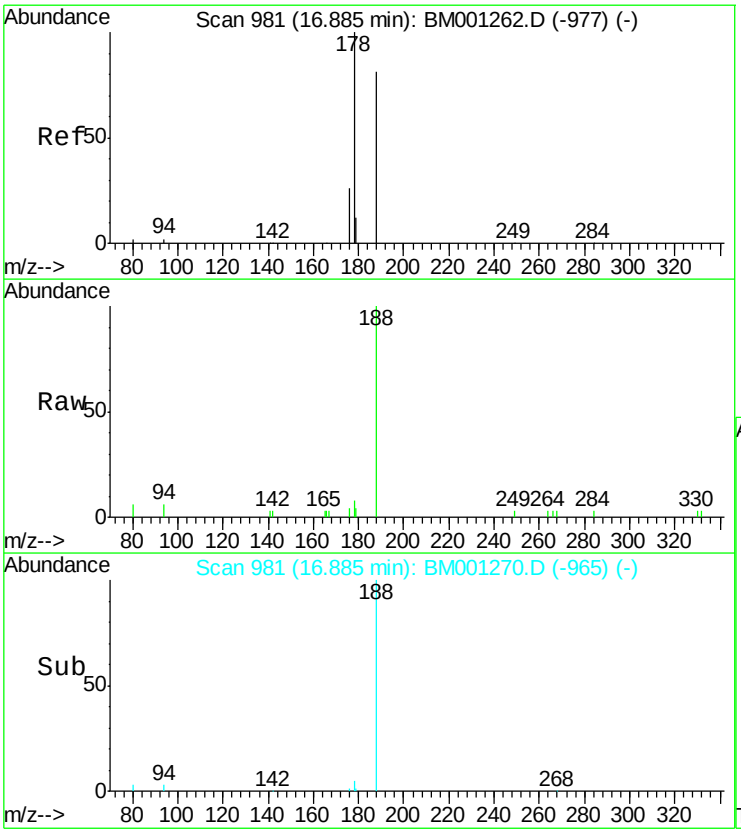
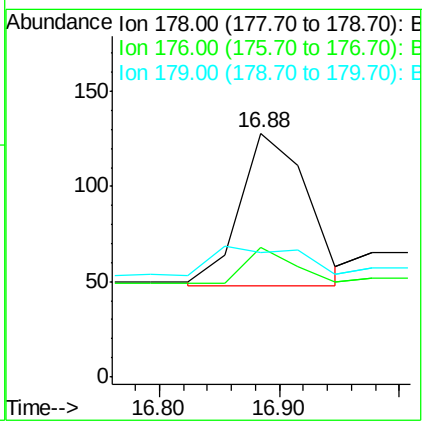
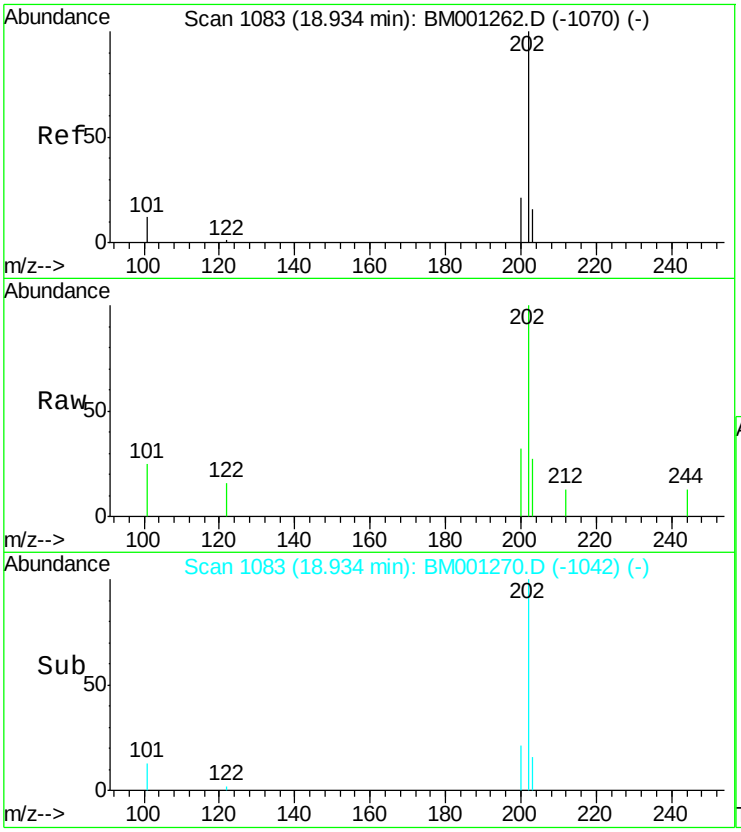


#21
Phenanthrene
Concen: 0.03 ng m
RT: 16.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:178 Resp: 310

Ion	Ratio	Lower	Upper
178	100		
176	24.2	15.9	23.9#
179	0.0	0.0	0.0





#23
Fluoranthene
Concen: 0.04 ng
RT: 18.93 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:202 Resp: 514

Ion	Ratio	Lower	Upper
202	100		
101	14.2	9.1	13.7#
203	17.5	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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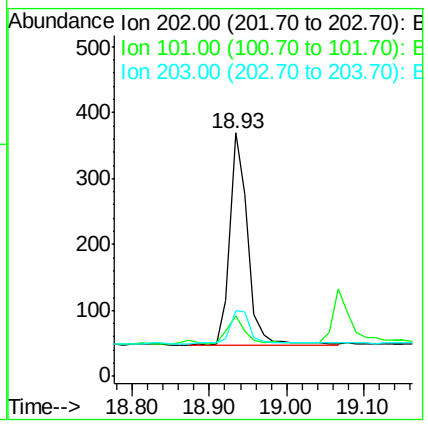
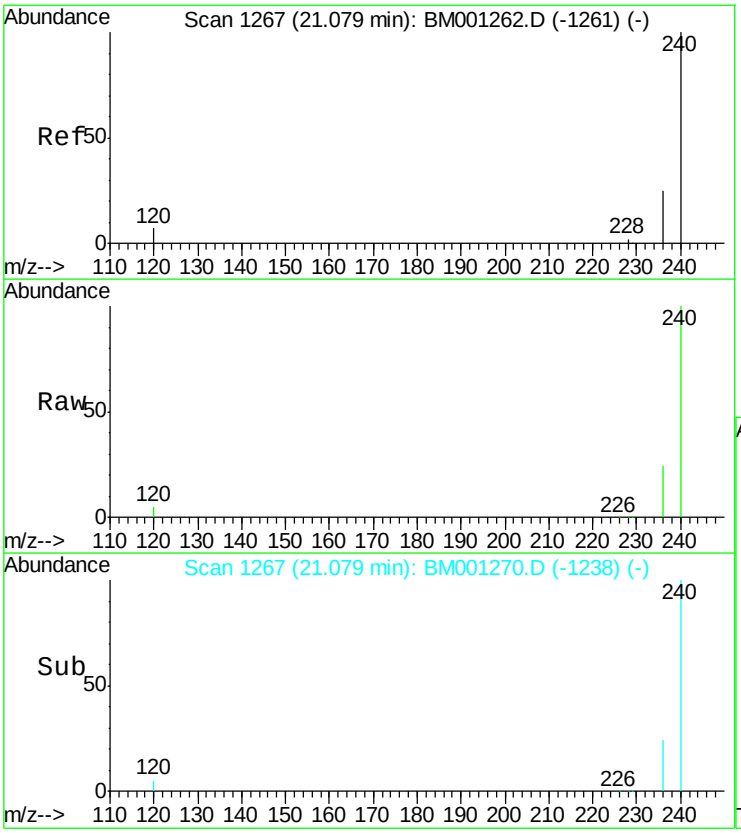
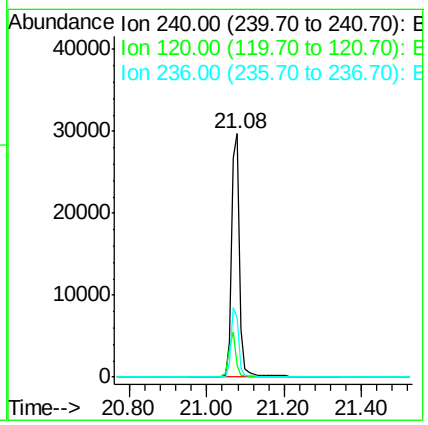


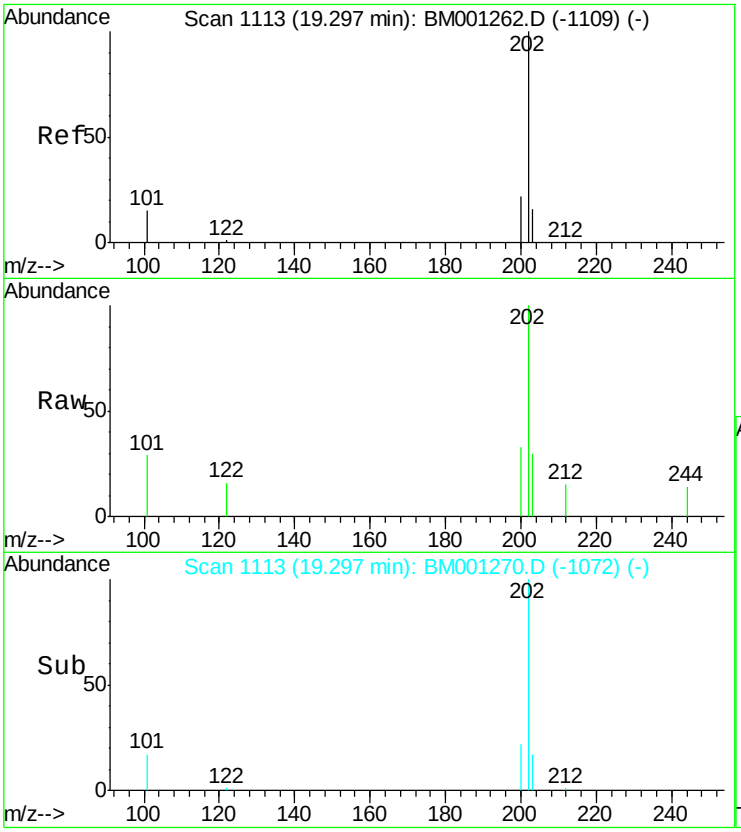


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.08 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:240 Resp: 43738

Ion	Ratio	Lower	Upper
240	100		
120	5.0	5.5	8.3#
236	24.2	20.4	30.6

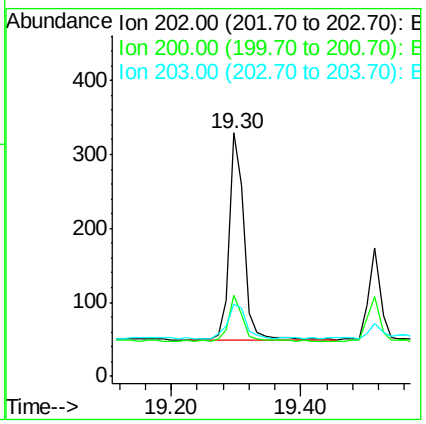




#25
Pyrene
Concen: 0.03 ng
RT: 19.30 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:202 Resp: 452

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	20.6	13.9	20.9



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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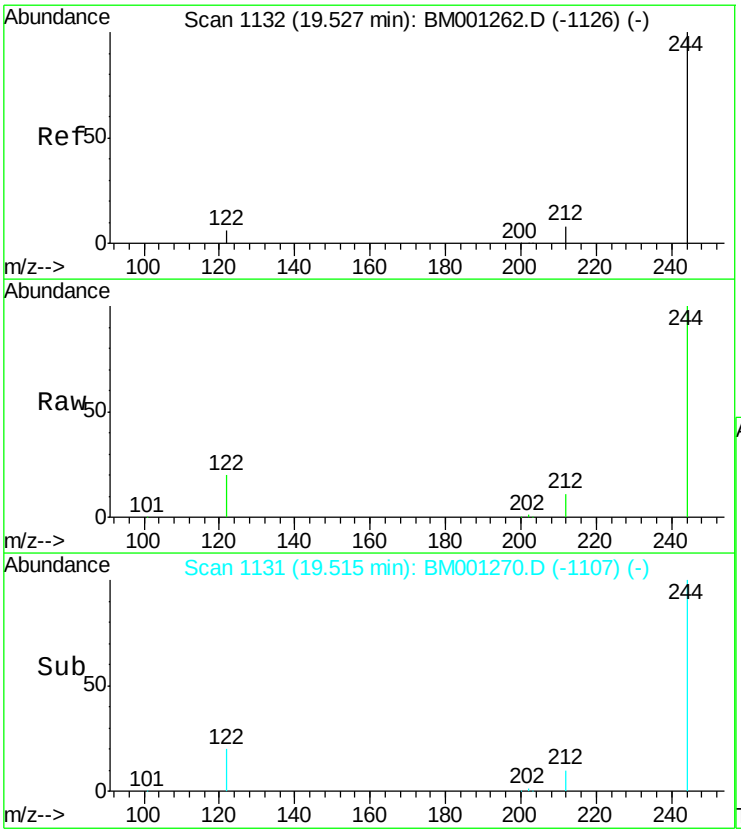
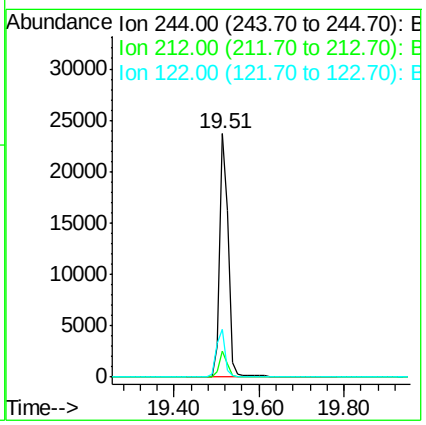
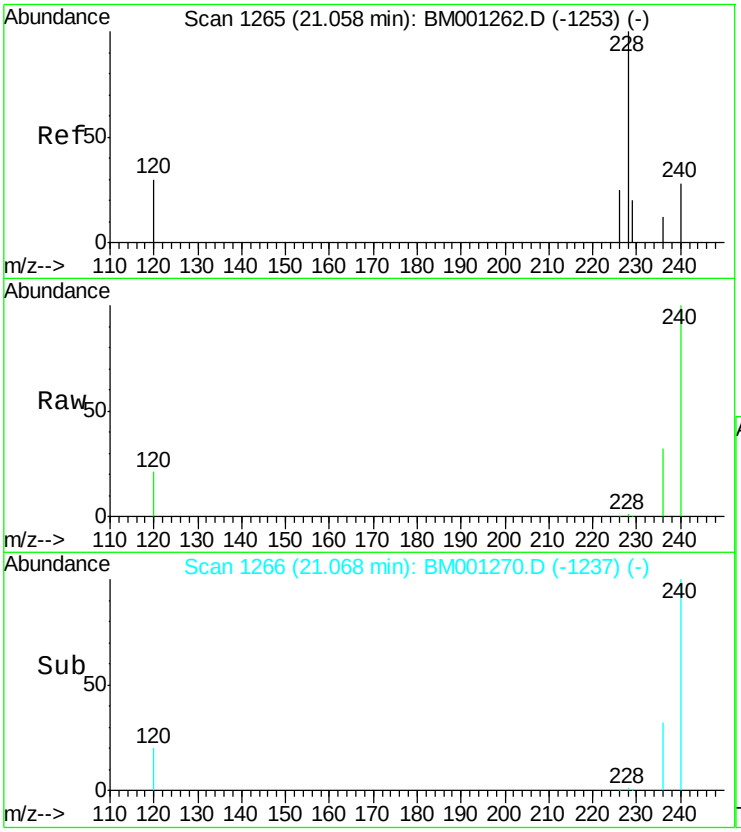


#26
Terphenyl-d14
Concen: 5.59 ng
RT: 19.51 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:244 Resp: 32856

Ion	Ratio	Lower	Upper
244	100		
212	10.6	7.2	10.8
122	19.9	5.6	8.4#





#27
Benzo(a)anthracene
Concen: 0.03 ng
RT: 21.07 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:228 Resp: 365

Ion	Ratio	Lower	Upper
228	100		
226	34.0	20.5	30.7#
229	42.4	16.2	24.4#

Instrument :
BNA_M
ClientSampleId :
SB-1(7-8)

Manual Integrations APPROVED
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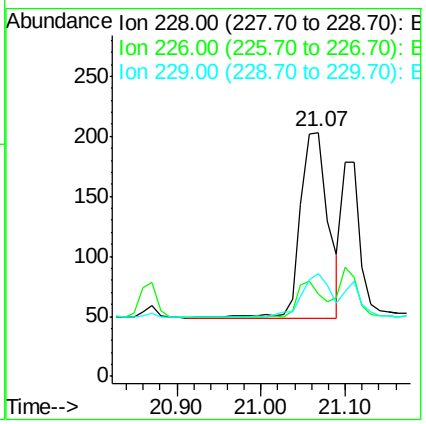

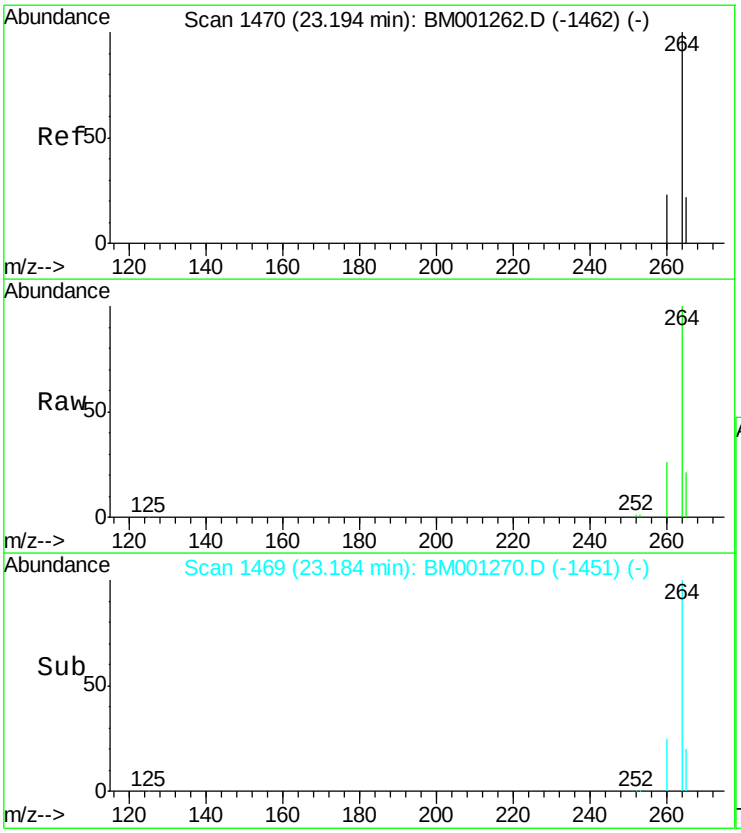

#30
Perylene-d12
Concen: 5.00 ng
RT: 23.18 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BM001270.D
Acq: 13 May 2015 02:41

Tgt Ion:264 Resp: 40771

Ion	Ratio	Lower	Upper
264	100		
260	25.6	18.9	28.3
265	21.3	18.1	27.1