Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101818\
Data File : BN003202.D
Acq On : 18 Oct 2018 11:54
Operator : MJ/SJ
Sample : PB113752BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Manual Integrations APPROVED
Sohil
10/19/2018 3:55:37 PM

Quant Time: Oct 19 02:27:16 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	572	0.40	ng	0.05
7) Naphthalene-d8	10.57	136	3282m	0.40	ng	0.14
13) Acenaphthene-d10	14.35	164	2363	0.40	ng	0.08
19) Phenanthrene-d10	17.12	188	6847	0.40	ng	0.07
27) Chrysene-d12	21.27	240	10088	0.40	ng	0.02
34) Perylene-d12	23.49	264	10390	0.40	ng	0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	574	0.45	ng	0.04
5) Phenol-d6	7.20	99	527m	0.29	ng	0.27
8) Nitrobenzene-d5	9.14	82	480m	0.23	ng	0.27
11) 2-Methylnaphthalene-d10	12.22	152	1507	0.27	ng	0.17
14) 2,4,6-Tribromophenol	15.93	330	416	0.28	ng	0.10
15) 2-Fluorobiphenyl	13.04	172	2359m	0.25	ng	0.11
25) Fluoranthene-d10	19.12	212	7107	0.33	ng	0.04
29) Terphenyl-d14	19.69	244	8050	0.37	ng	0.02
Target Compounds						Qvalue

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

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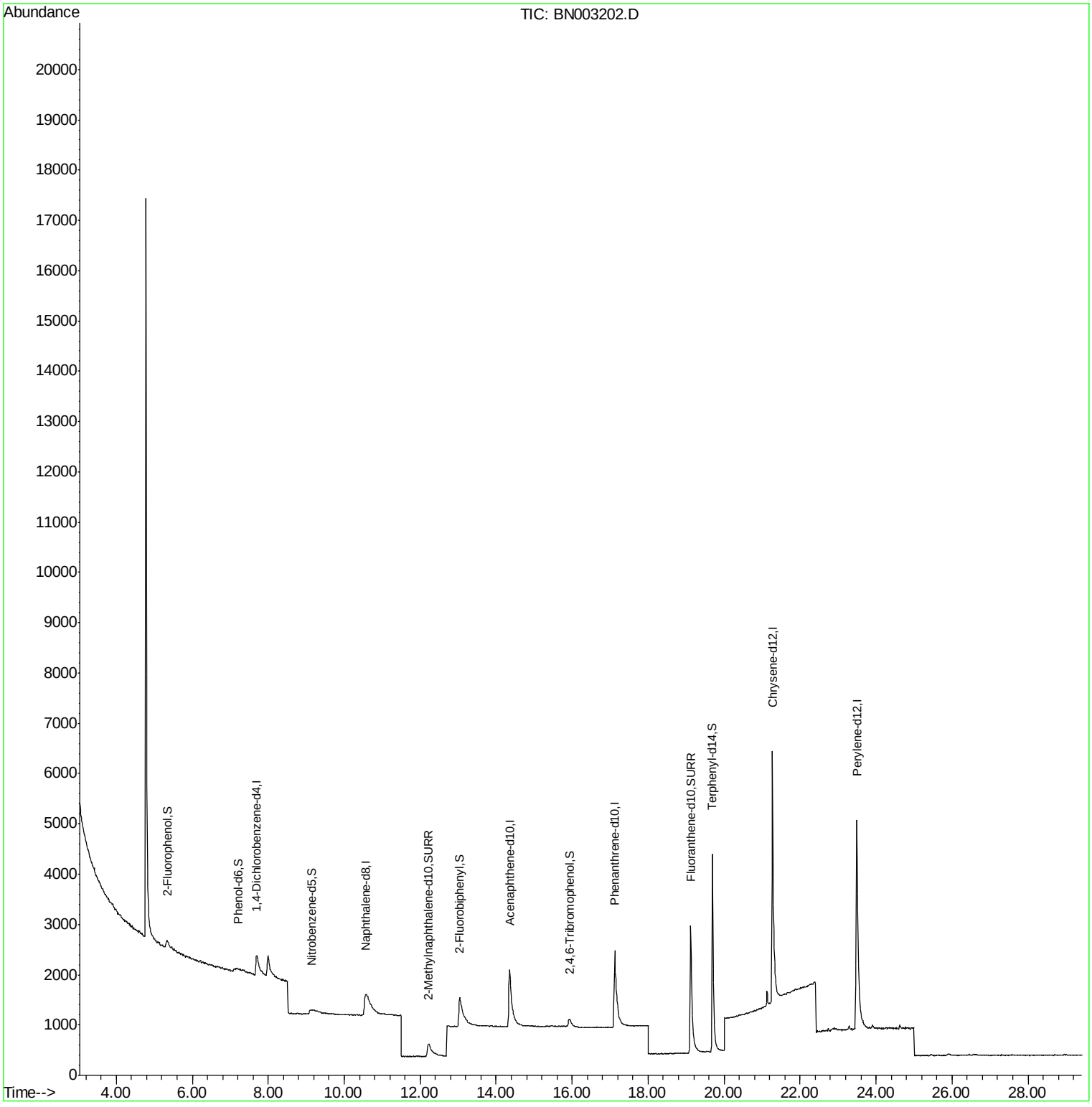
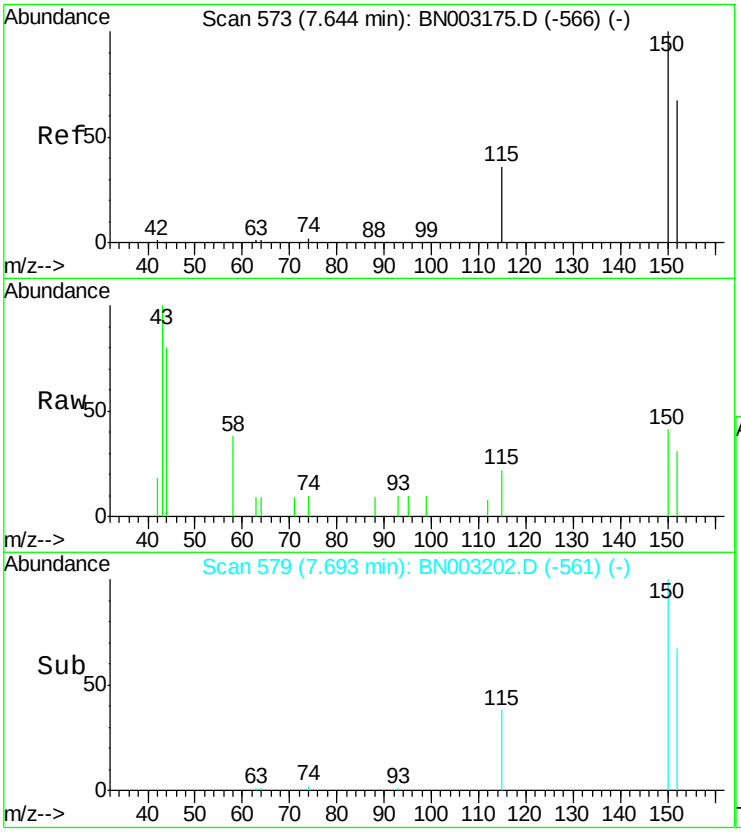
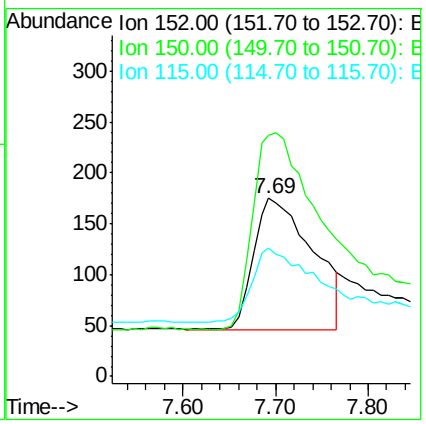




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. 0.05 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:152 Resp: 572

Ion	Ratio	Lower	Upper
152	100		
150	135.4	126.2	189.4
115	72.0	49.8	74.6



Instrument :
BNA_N
ClientSampleId :
PB113752BL

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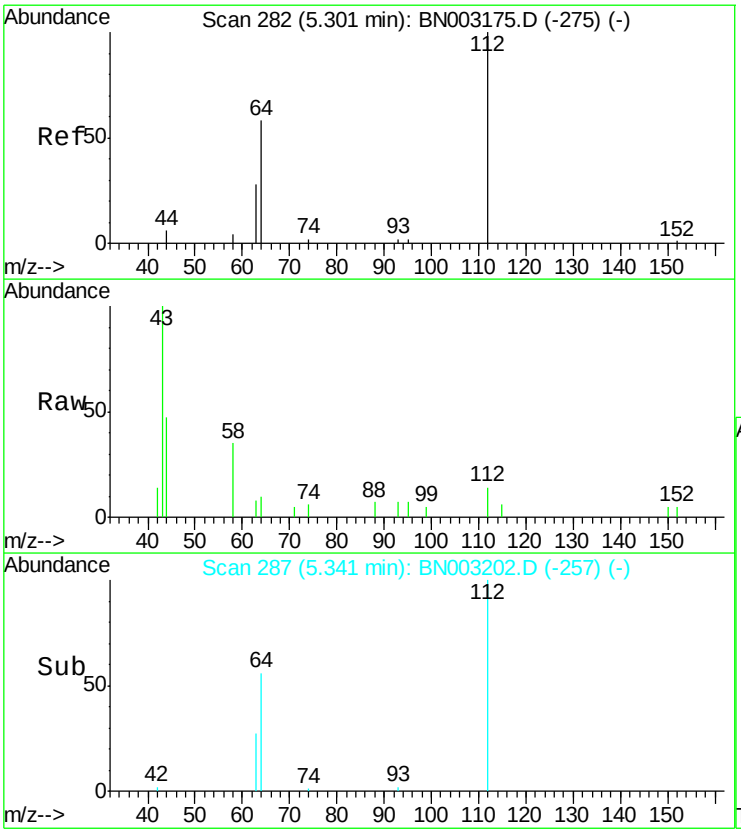
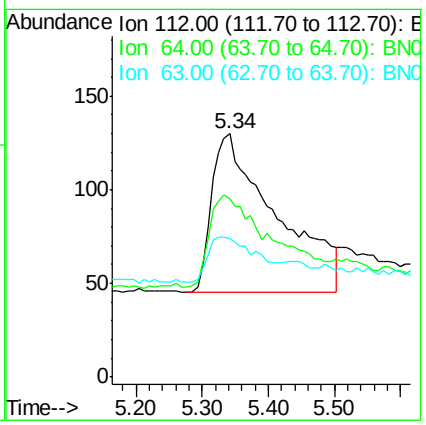
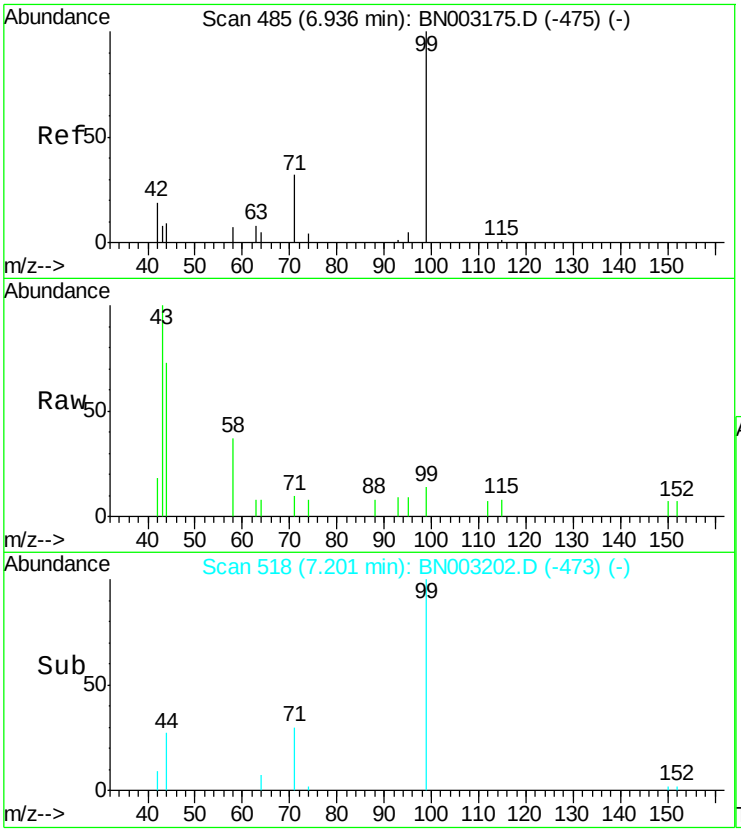


#4
2-Fluorophenol
Concen: 0.454 ng
RT: 5.34 min Scan# 287
Delta R.T. 0.04 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:112 Resp: 574

Ion	Ratio	Lower	Upper
112	100		
64	59.4	49.0	73.4
63	20.9	25.9	38.9#

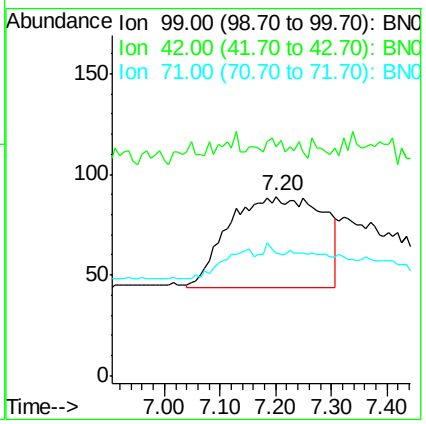




#5
Phenol-d6
Concen: 0.293 ng m
RT: 7.20 min Scan# 518
Delta R.T. 0.27 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion: 99 Resp: 527

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.4	23.2#
71	0.0	26.0	39.0#



Instrument :
BNA_N
ClientSampleId :
PB113752BL

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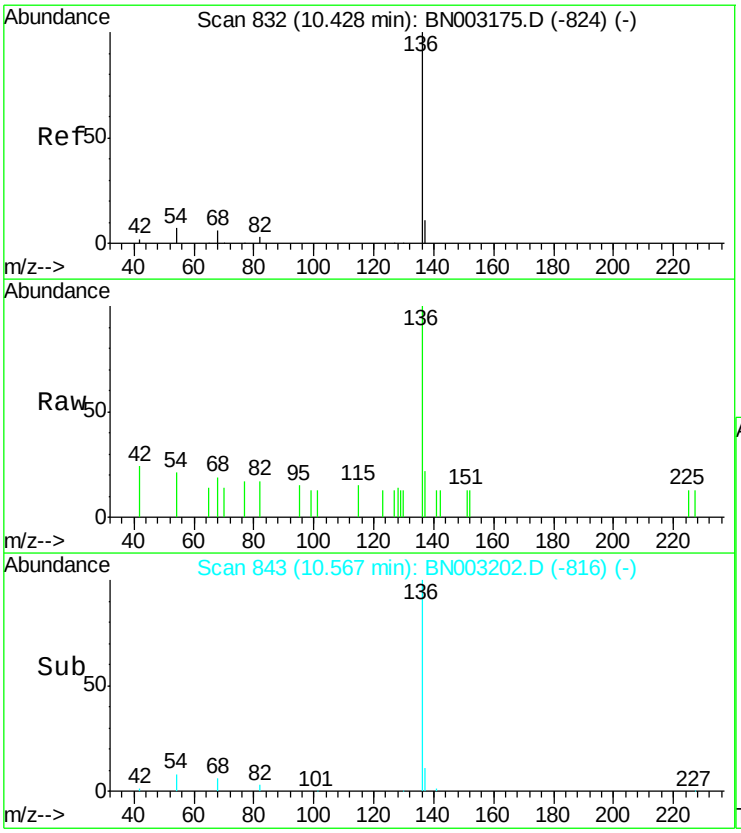
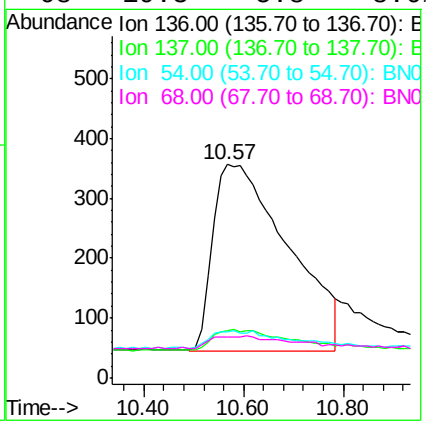
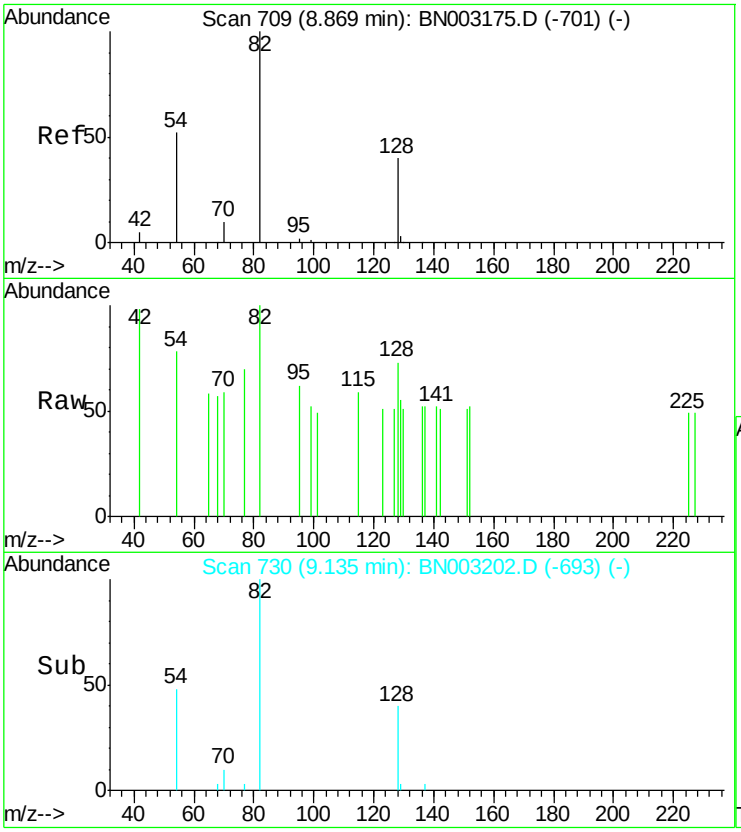


#7
Naphthalene-d8
Concen: 0.400 ng m
RT: 10.57 min Scan# 843
Delta R.T. 0.14 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:136 Resp: 3282

Ion	Ratio	Lower	Upper
136	100		
137	22.1	9.4	14.0#
54	21.3	7.4	11.0#
68	19.3	5.8	8.6#

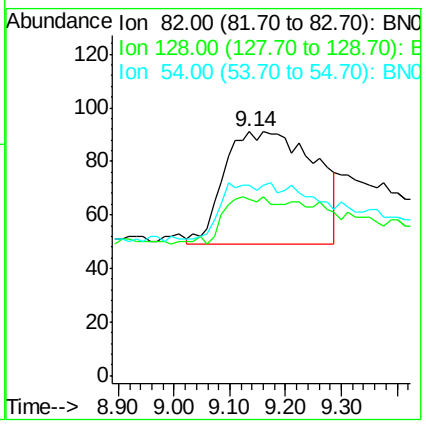




#8
Nitrobenzene-d5
Concen: 0.227 ng m
RT: 9.14 min Scan# 730
Delta R.T. 0.27 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

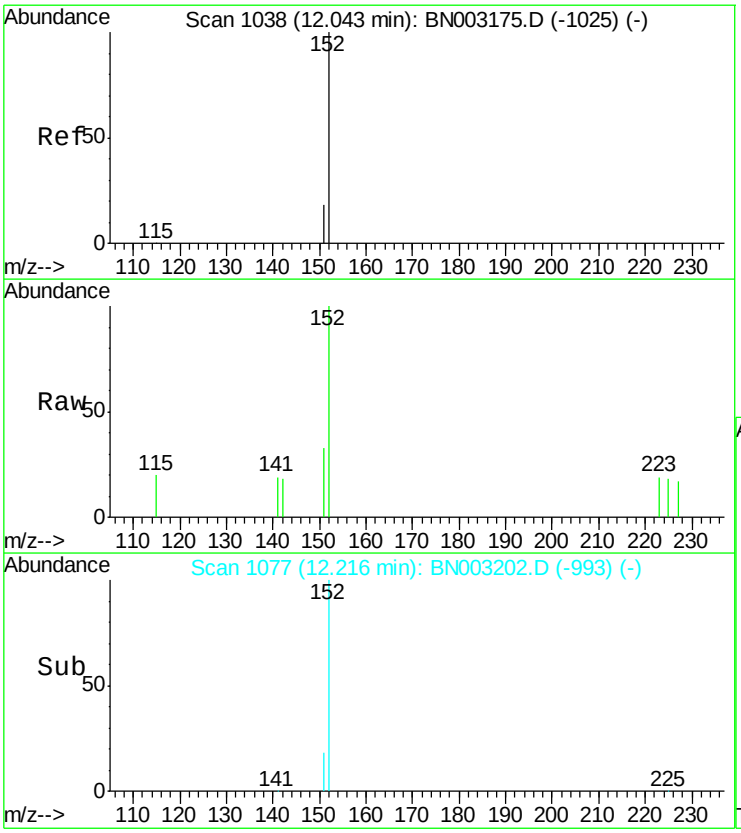
Tgt Ion: 82 Resp: 480

Ion	Ratio	Lower	Upper
82	100		
128	72.5	38.2	57.4#
54	78.0	44.1	66.1#



Instrument :
BNA_N
ClientSampleId :
PB113752BL

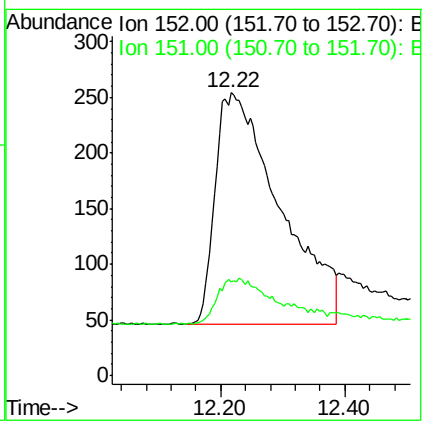
Manual Integrations APPROVED
Sohil
10/19/2018 3:55:37 PM

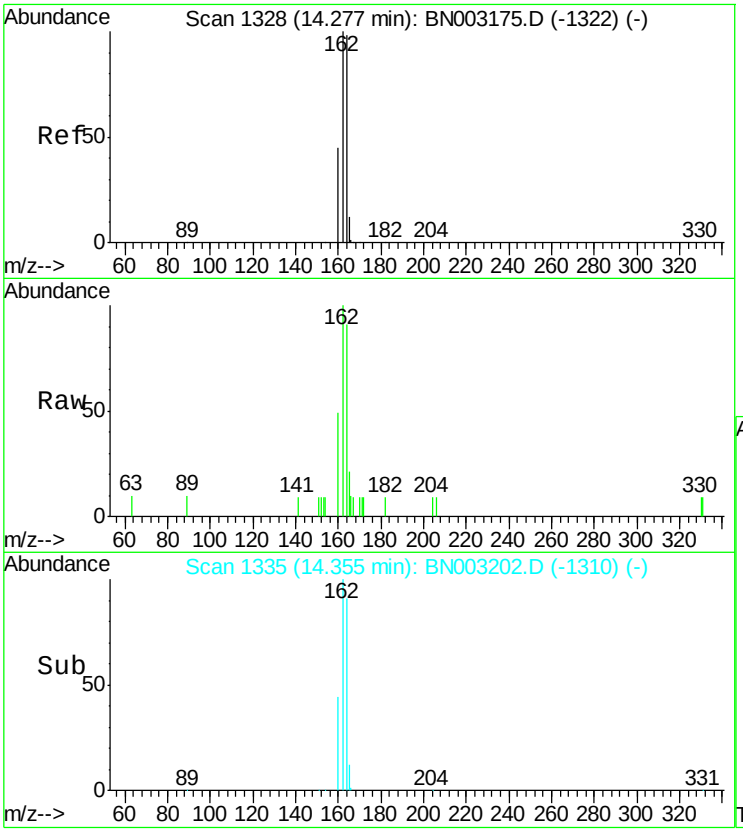


#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.22 min Scan# 1077
Delta R.T. 0.17 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:152 Resp: 1507

Ion	Ratio	Lower	Upper
152	100		
151	4.6	15.0	22.4#

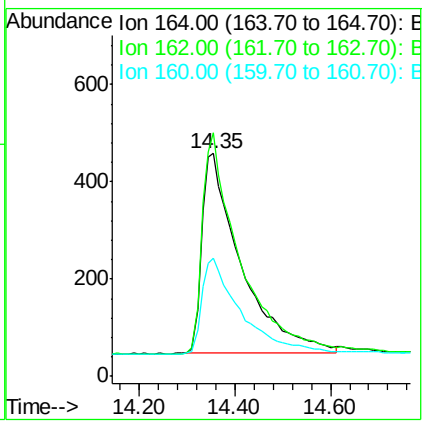




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 1335
Delta R.T. 0.08 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:164 Resp: 2363

Ion	Ratio	Lower	Upper
164	100		
162	109.4	81.7	122.5
160	53.3	36.3	54.5



Instrument :
BNA_N
ClientSampleId :
PB113752BL

Manual Integrations APPROVED
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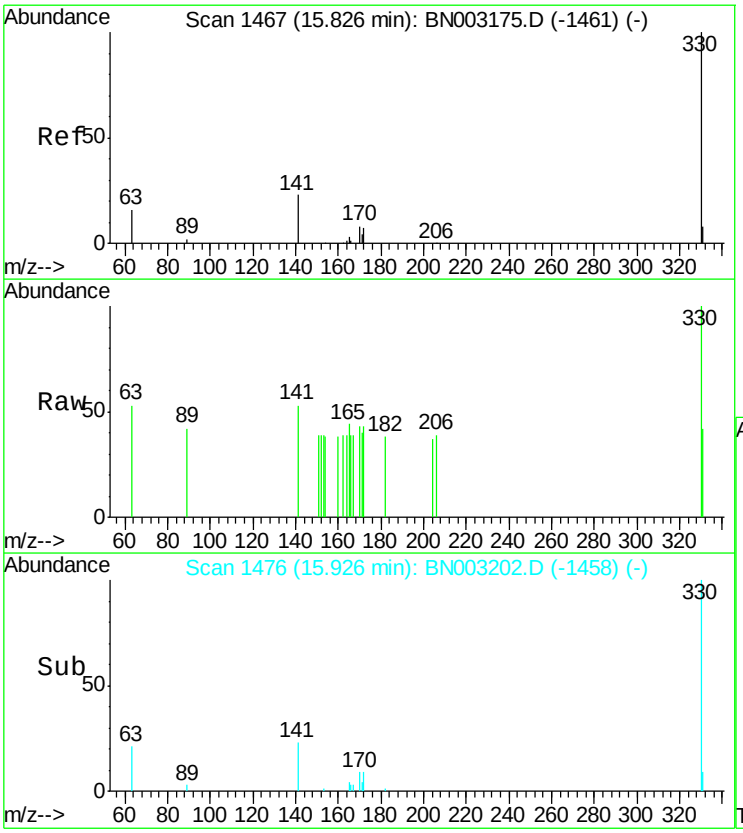
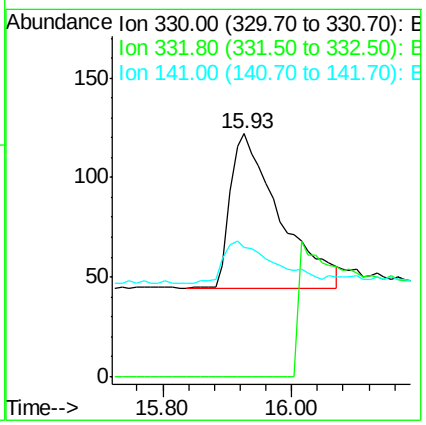
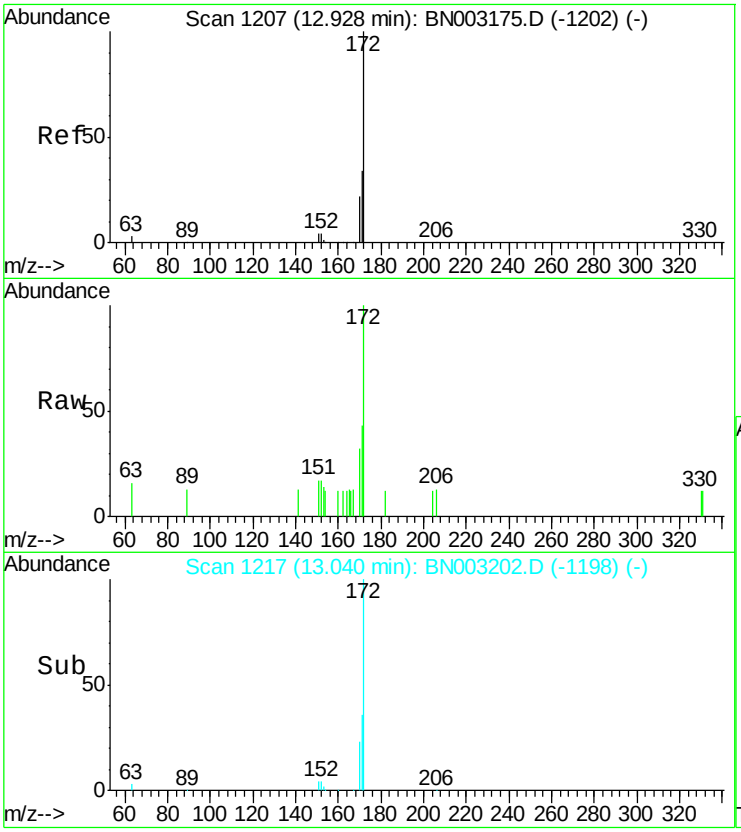


#14
2,4,6-Tribromophenol
Concen: 0.276 ng
RT: 15.93 min Scan# 1476
Delta R.T. 0.10 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:330 Resp: 416

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.7	22.6	33.8

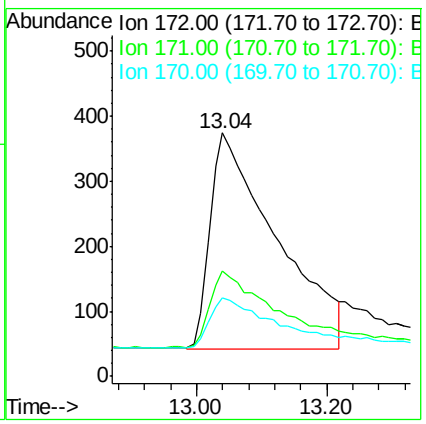




#15
2-Fluorobiphenyl
Concen: 0.254 ng m
RT: 13.04 min Scan# 1217
Delta R.T. 0.11 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:172 Resp: 2359

Ion	Ratio	Lower	Upper
172	100		
171	43.3	28.6	43.0#
170	32.4	18.6	27.8#



Instrument :
BNA_N
ClientSampleId :
PB113752BL

Manual Integrations APPROVED
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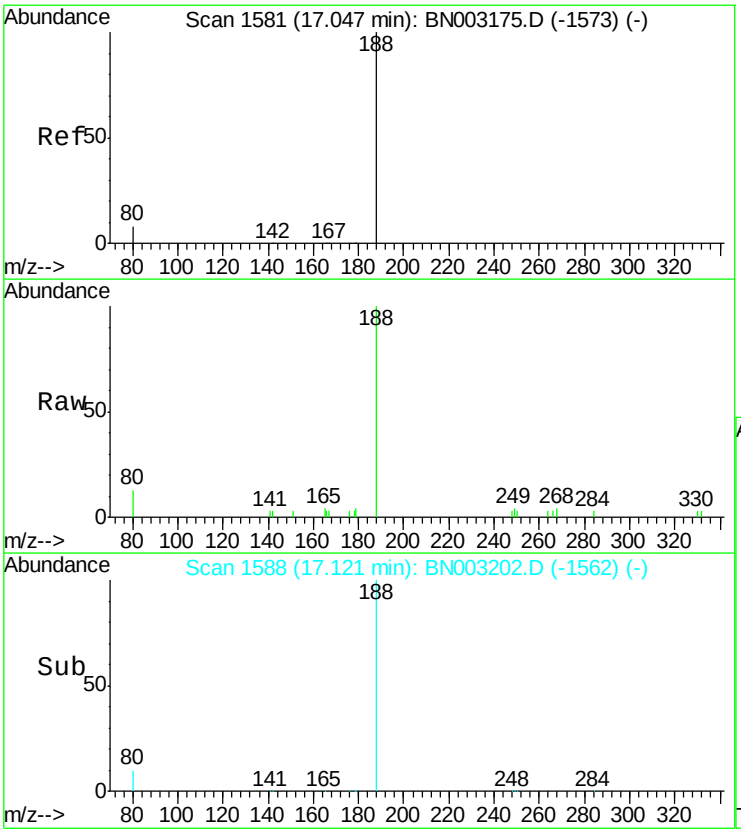
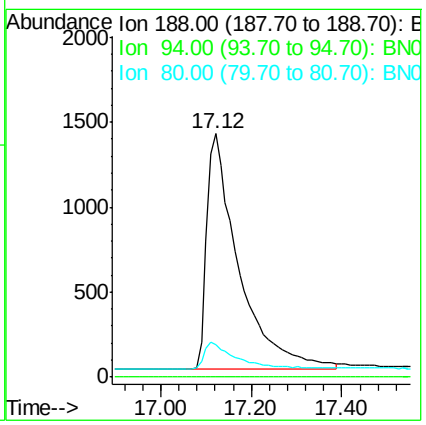
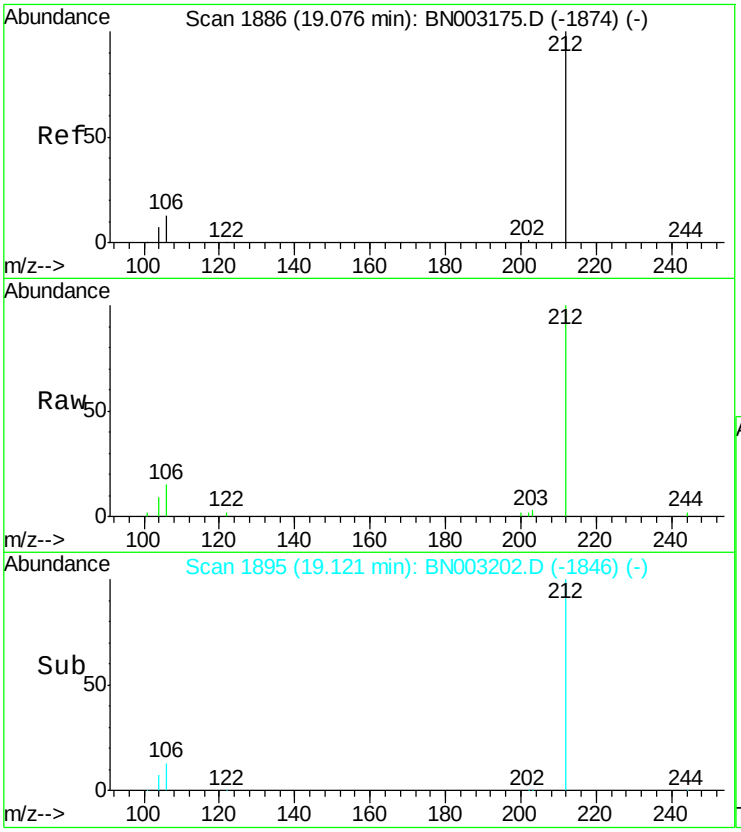


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.12 min Scan# 1588
Delta R.T. 0.07 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:188 Resp: 6847

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	6.7	10.1#

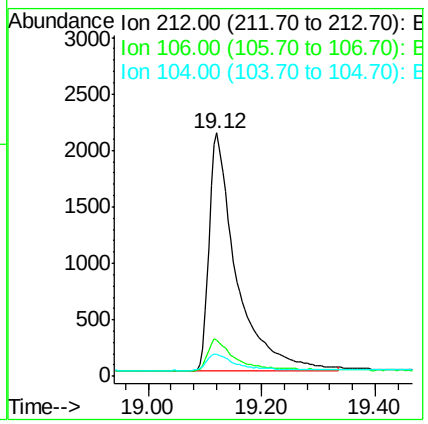




#25
Fluoranthene-d10
Concen: 0.335 ng
RT: 19.12 min Scan# 1895
Delta R.T. 0.04 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:212 Resp: 7107

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.2	15.4
104	7.3	5.8	8.6



Instrument :
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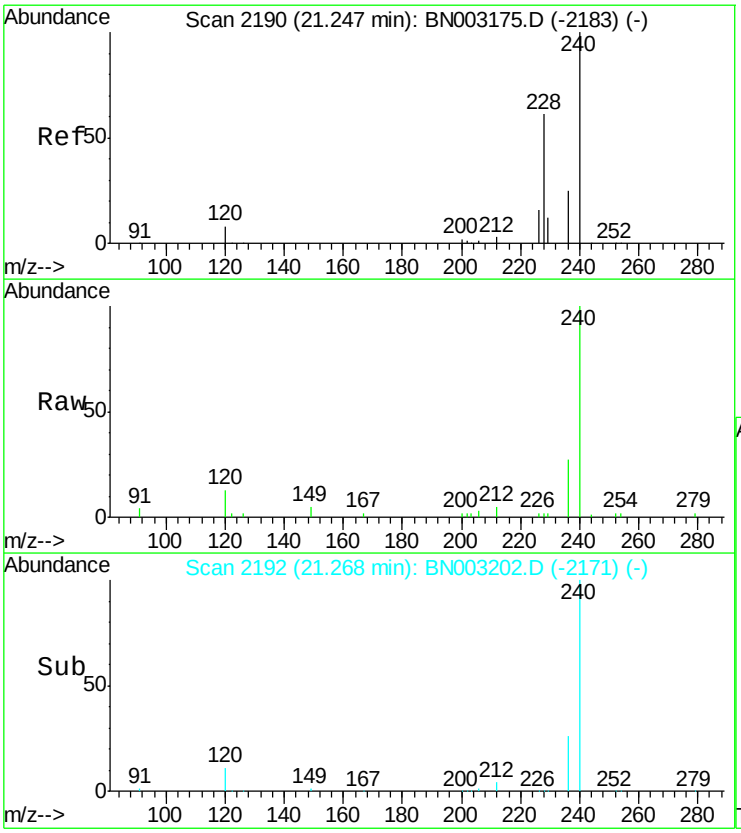
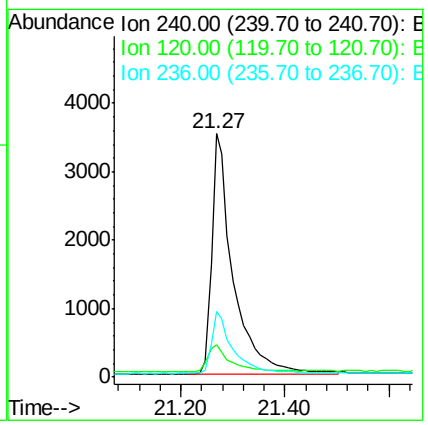
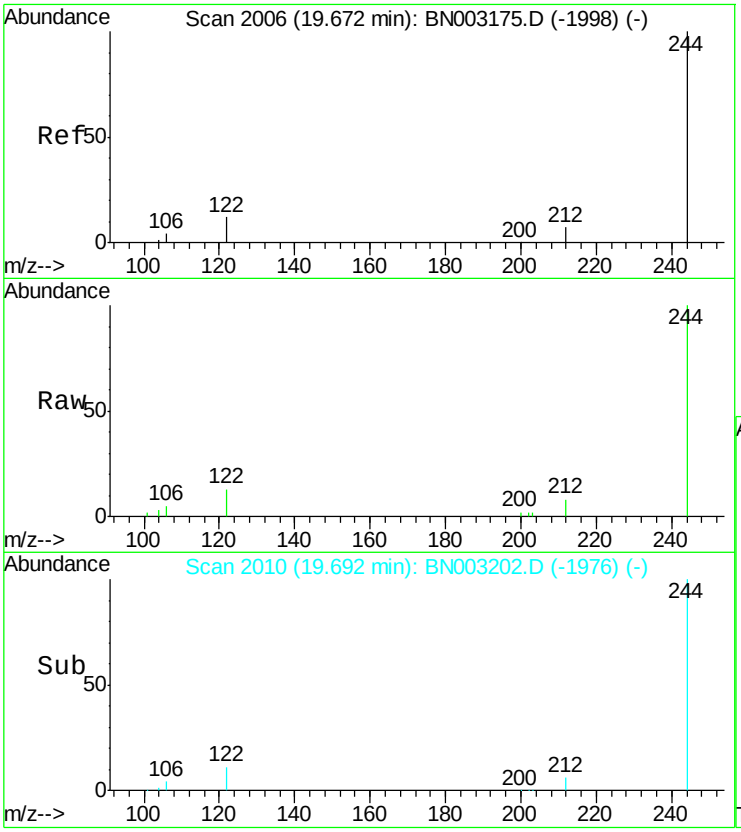


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. 0.02 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:240 Resp: 10088

Ion	Ratio	Lower	Upper
240	100		
120	13.2	7.8	11.8#
236	26.8	21.0	31.4

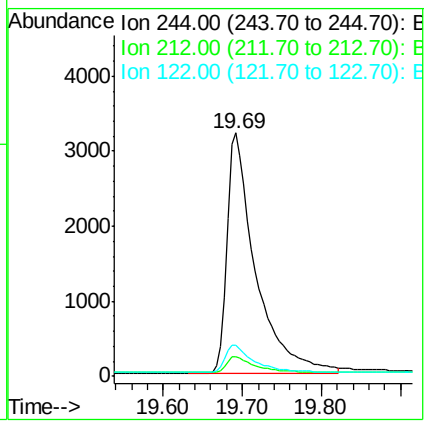




#29
Terphenyl-d14
Concen: 0.368 ng
RT: 19.69 min Scan# 2010
Delta R.T. 0.02 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:244 Resp: 8050

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.4
122	12.7	9.1	13.7



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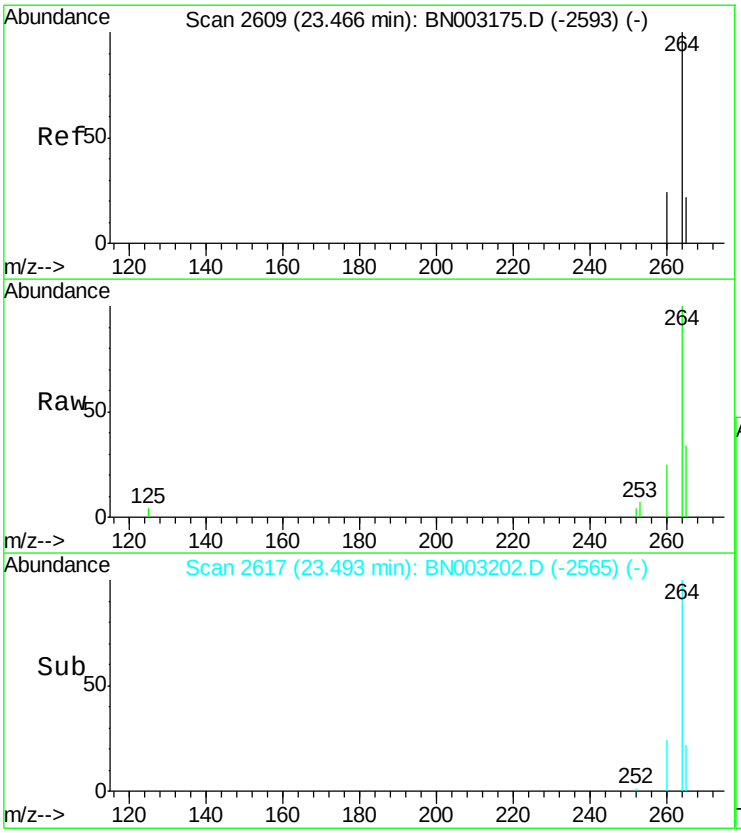

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. 0.03 min
Lab File: BN003202.D
Acq: 18 Oct 2018 11:54

Tgt Ion:264 Resp: 10390

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.7	29.5
265	33.7	27.6	41.4