Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010315.D
Acq On : 20 Mar 2020 22:43
Operator : CG/JU
Sample : PB127714BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127714BL

Quant Time: Mar 21 00:21:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4314	0.40	ng	0.00
7) Naphthalene-d8	10.38	136	14714	0.40	ng	0.00
13) Acenaphthene-d10	14.24	164	8256	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	19031	0.40	ng	0.00
27) Chrysene-d12	21.19	240	19539	0.40	ng	0.00
34) Perylene-d12	23.36	264	18803	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2775	0.32	ng	0.00
5) Phenol-d6	6.80	99	3410	0.32	ng	0.00
8) Nitrobenzene-d5	8.74	82	4837	0.51	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	6213	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	772	0.24	ng	0.00
15) 2-Fluorobiphenyl	12.86	172	17633	0.56	ng	0.00
25) Fluoranthene-d10	19.02	212	15140	0.26	ng	0.00
29) Terphenyl-d14	19.63	244	19624	0.46	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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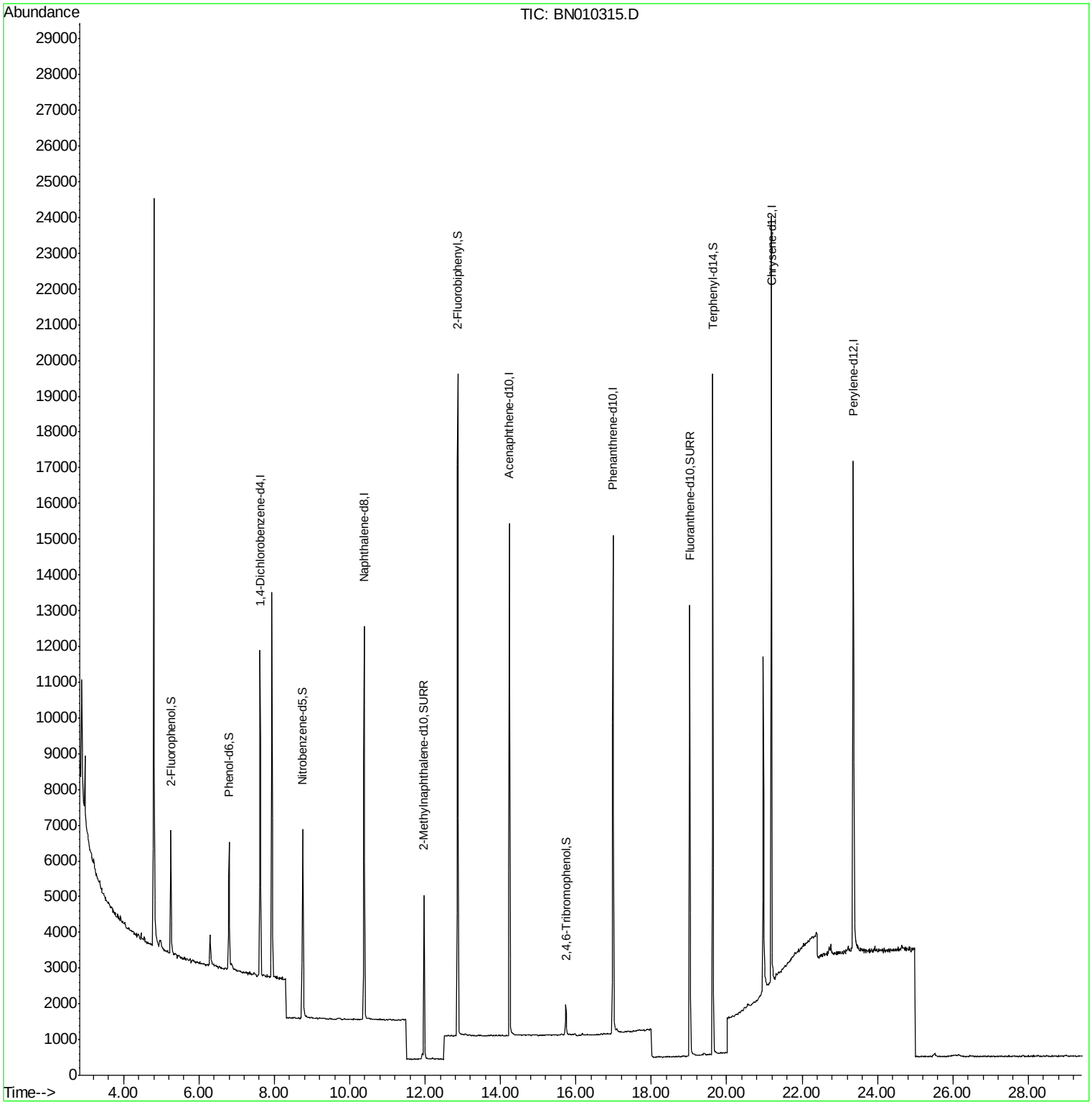
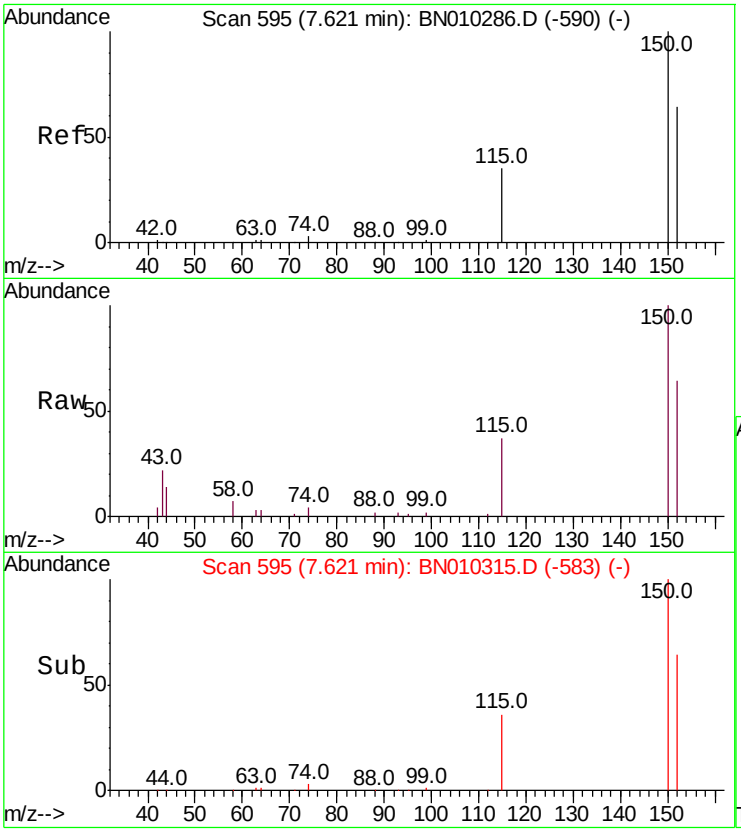
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration



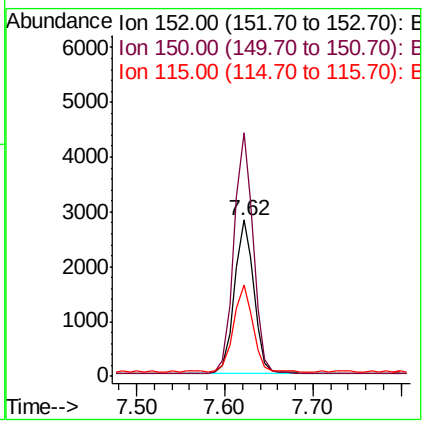


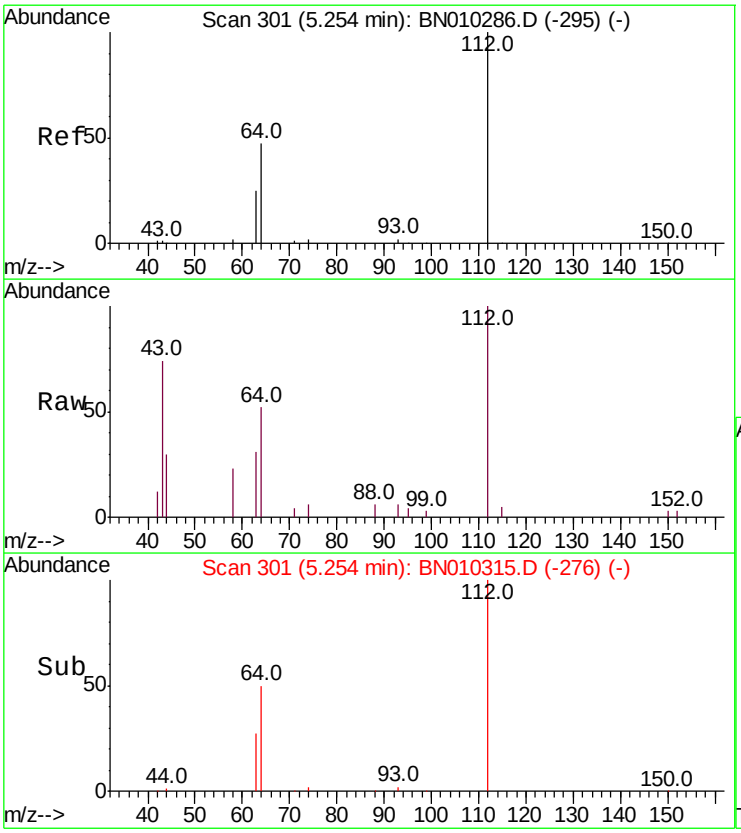
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion:152 Resp: 4314

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.1	184.7
115	58.5	45.2	67.8

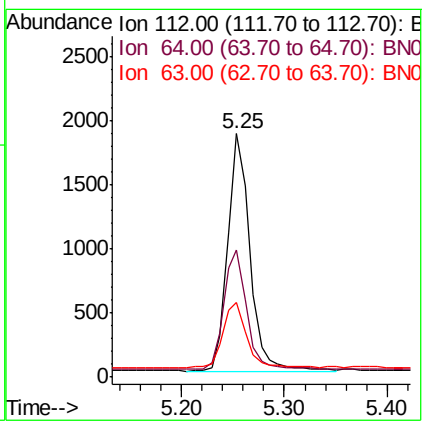


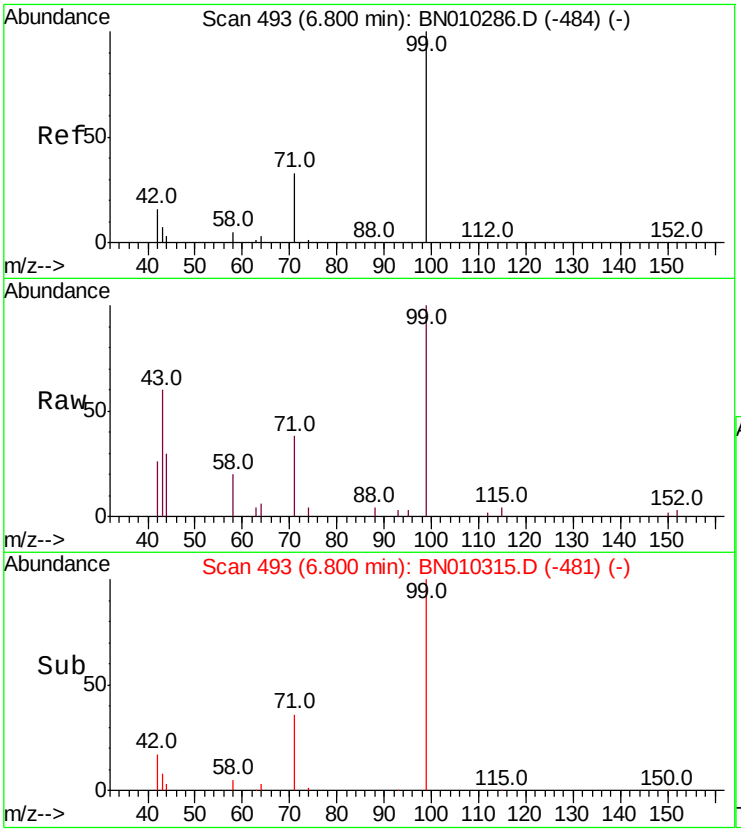


#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:112 Resp: 2775

Ion	Ratio	Lower	Upper
112	100		
64	51.5	41.4	62.2
63	30.1	22.9	34.3



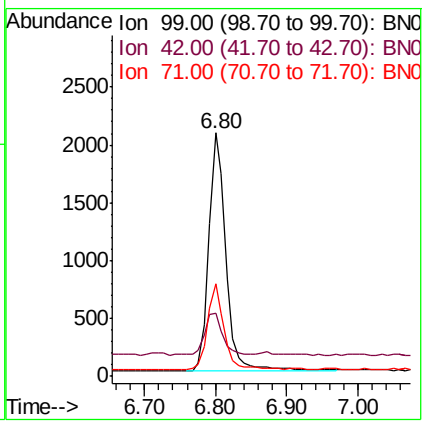


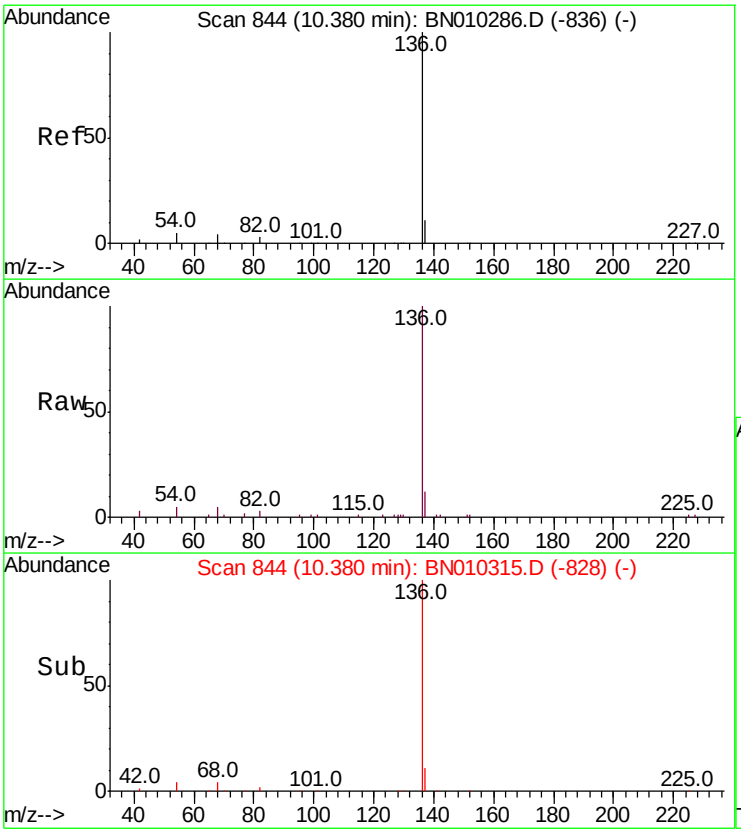
#5
Phenol-d6
Concen: 0.321 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion: 99 Resp: 3410

Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.8	22.2
71	34.6	27.3	40.9

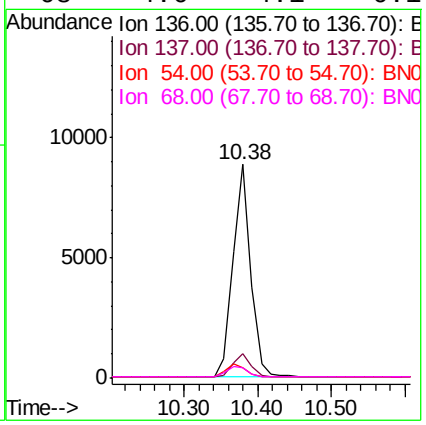


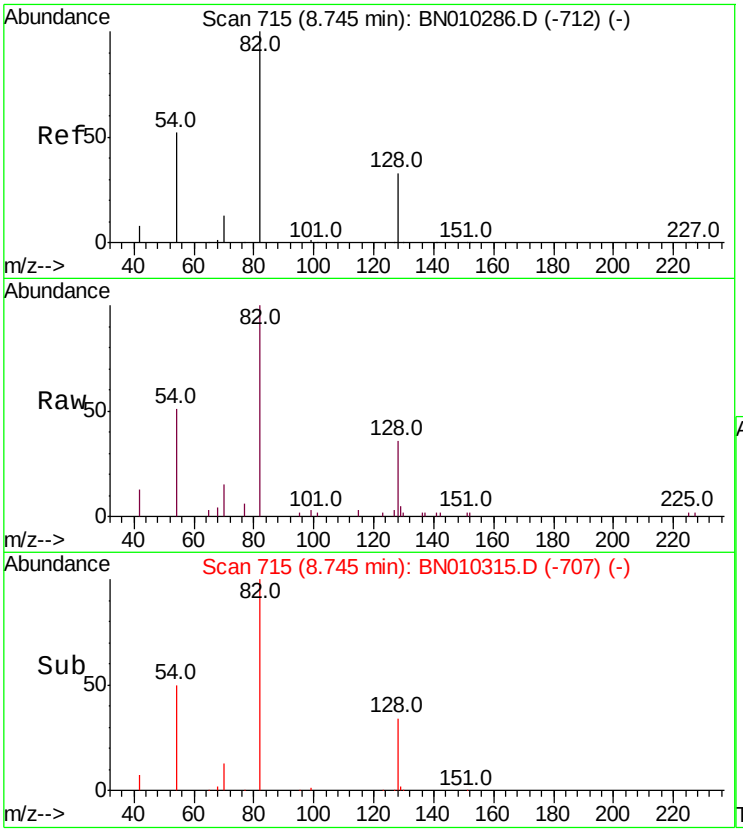


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:136 Resp: 14714

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	5.0	4.8	7.2
68	4.6	4.1	6.1



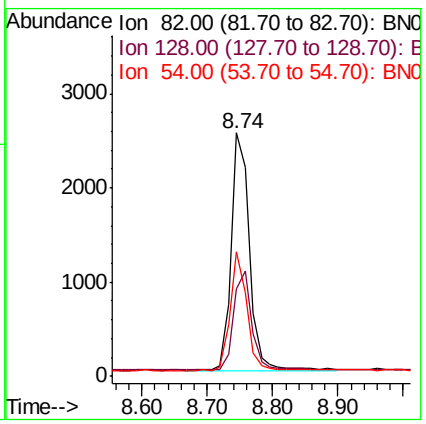


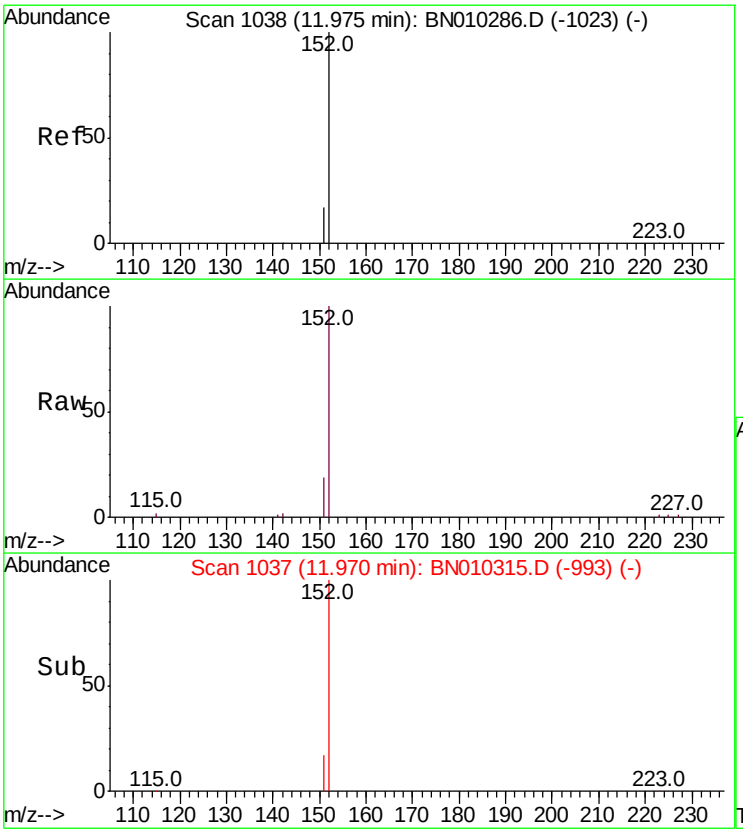
#8
Nitrobenzene-d5
Concen: 0.513 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion: 82 Resp: 4837

Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.8	43.2
54	51.1	42.1	63.1

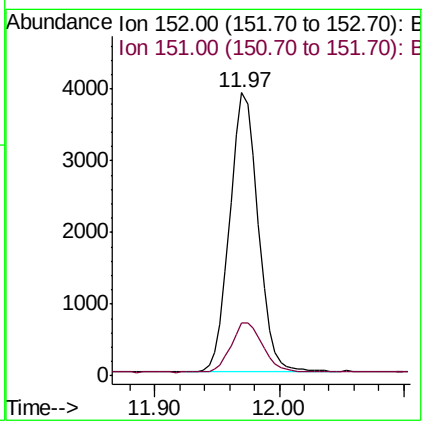


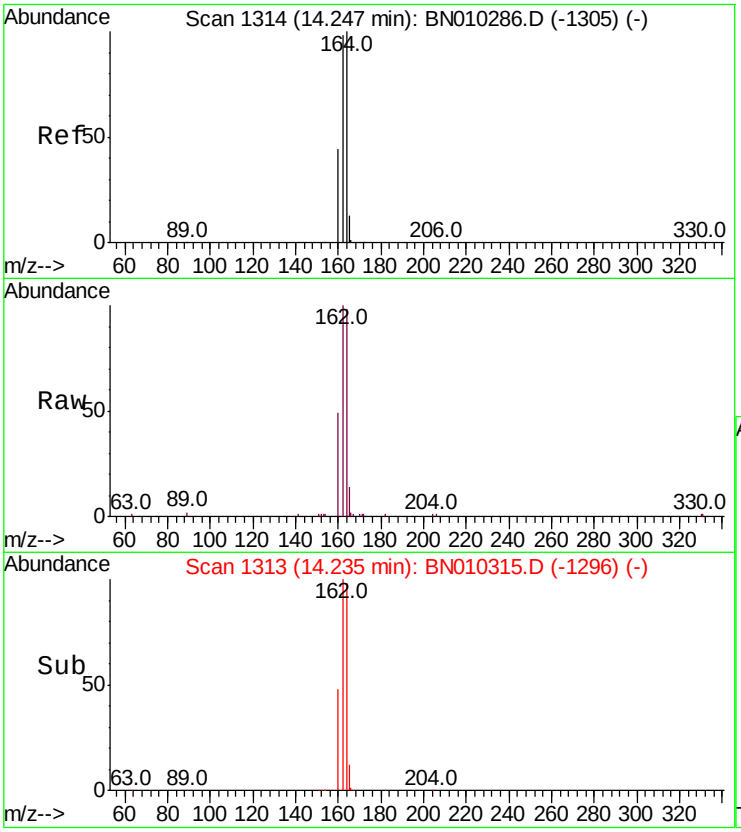


#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:152 Resp: 6213

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2



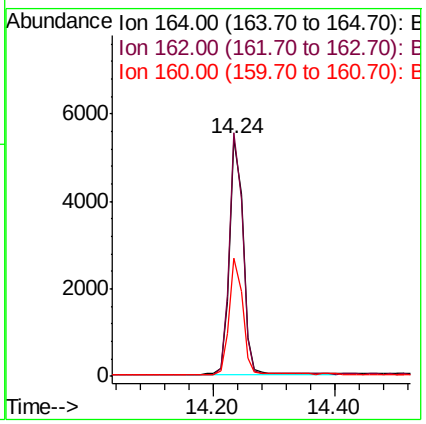


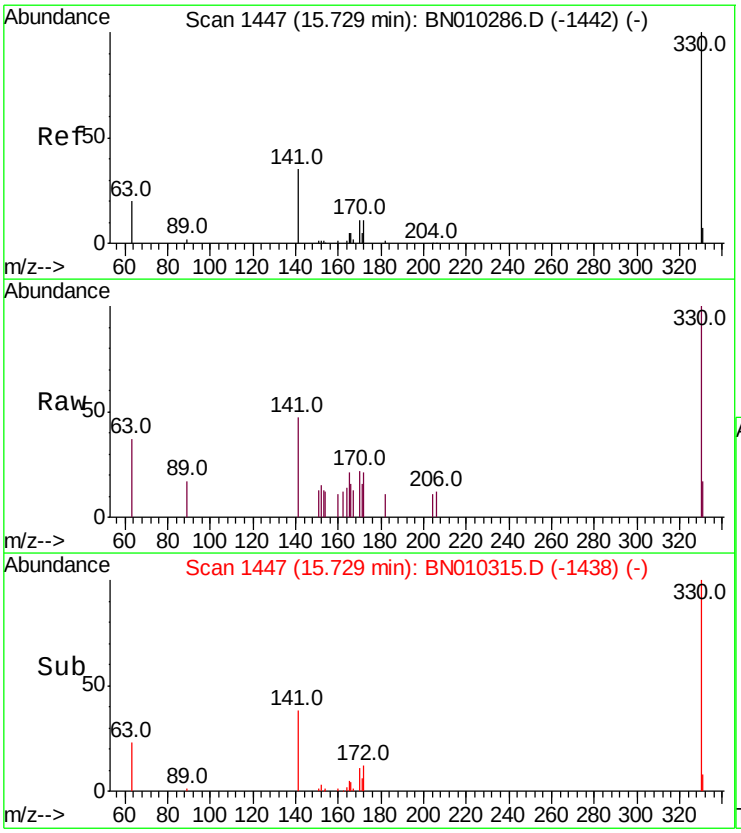
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion:164 Resp: 8256

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.2	117.2
160	50.0	35.8	53.6

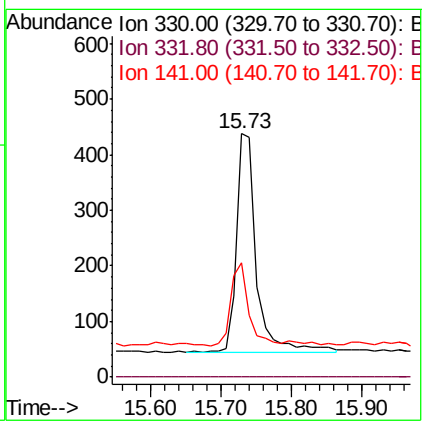


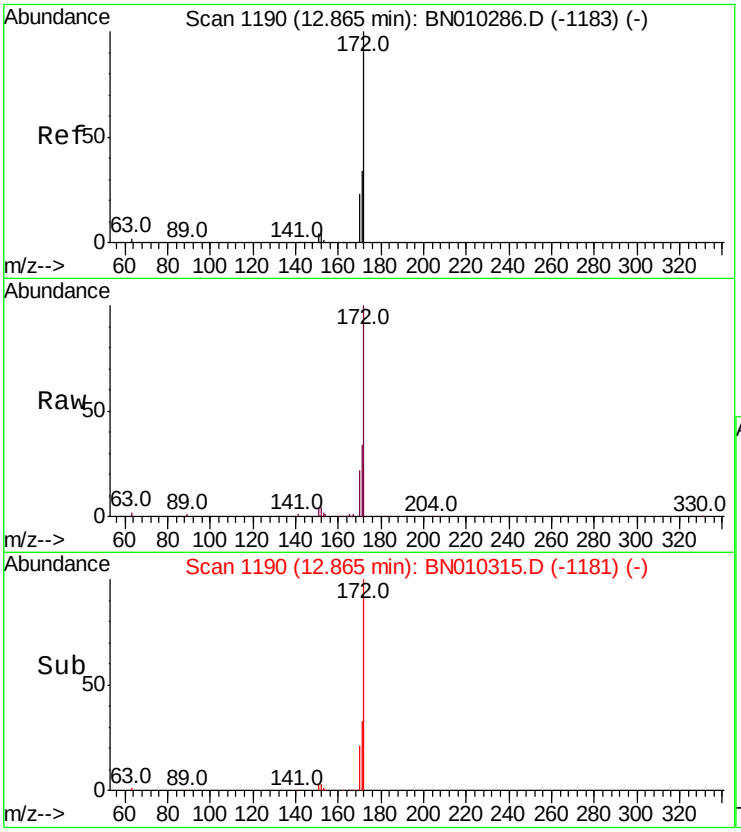


#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:330 Resp: 772

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.1	29.3	43.9



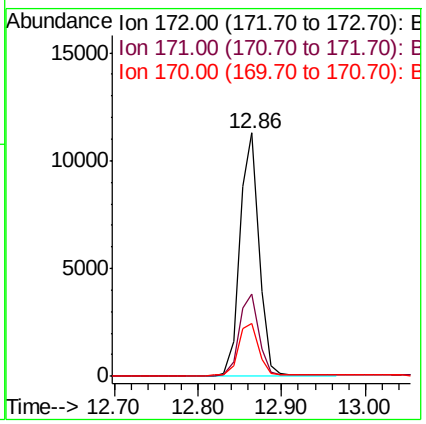


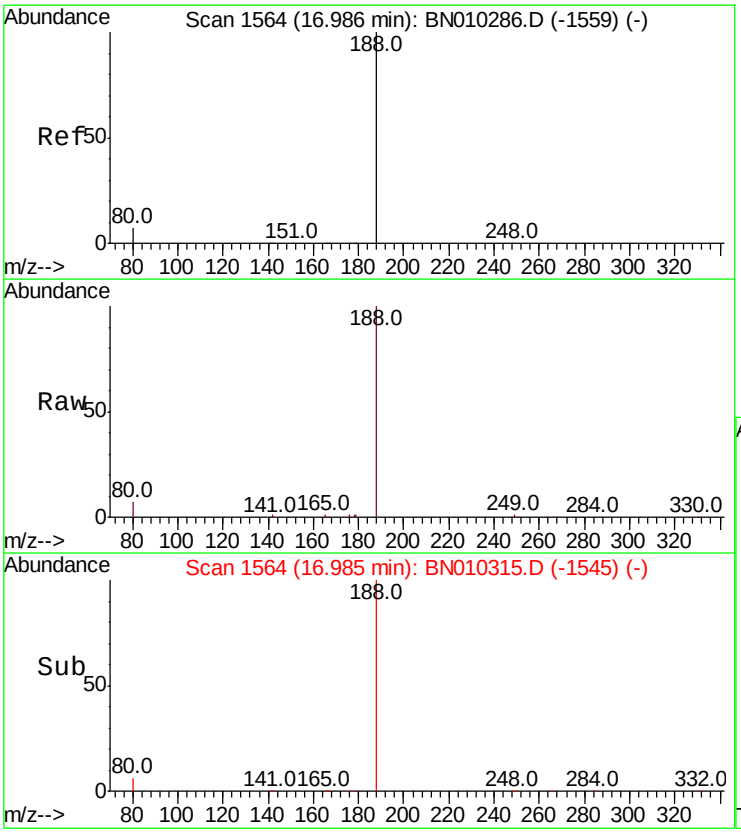
#15
2-Fluorobiphenyl
Concen: 0.558 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion:172 Resp: 17633

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.6	41.4
170	21.7	18.5	27.7

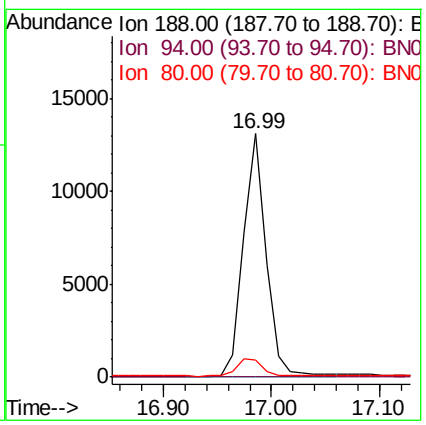


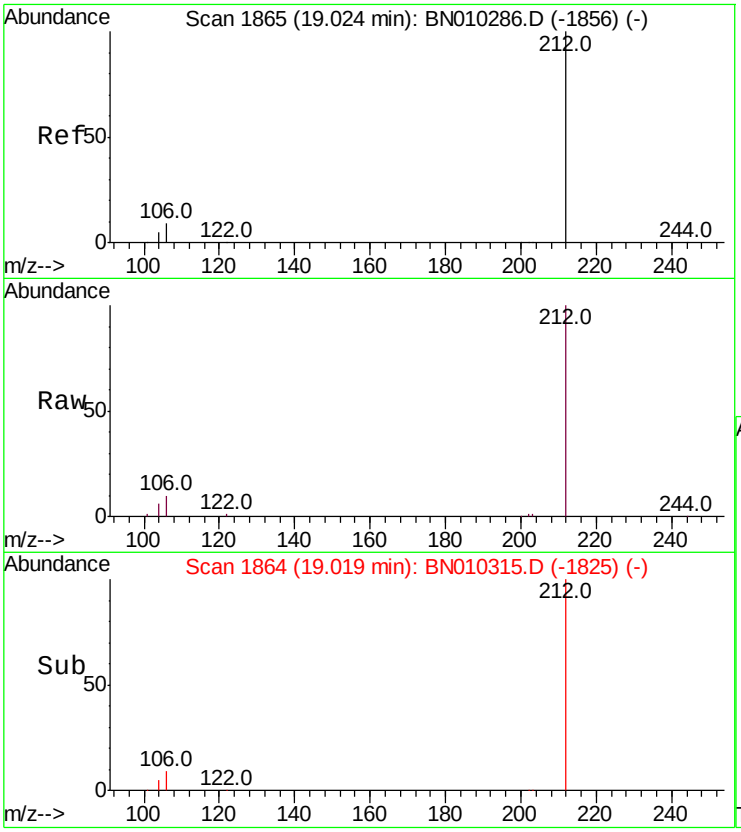


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:188 Resp: 19031

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	6.0	9.0



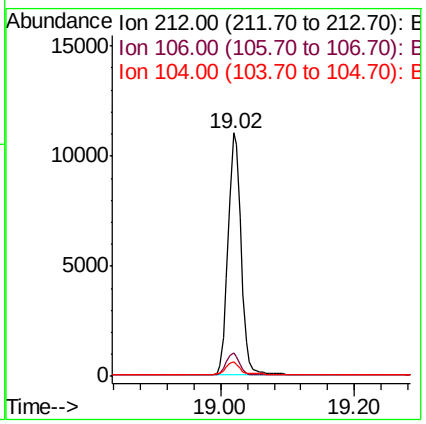


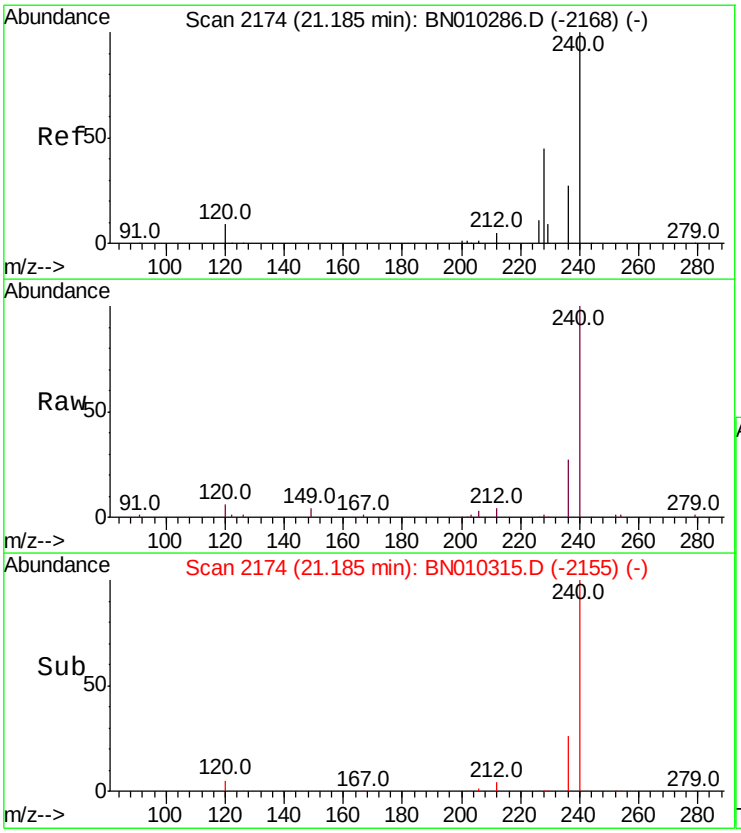
#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion:212 Resp: 15140

Ion	Ratio	Lower	Upper
212	100		
106	9.0	7.4	11.2
104	5.2	4.2	6.4

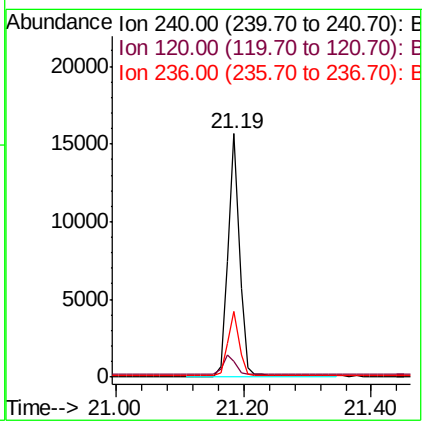


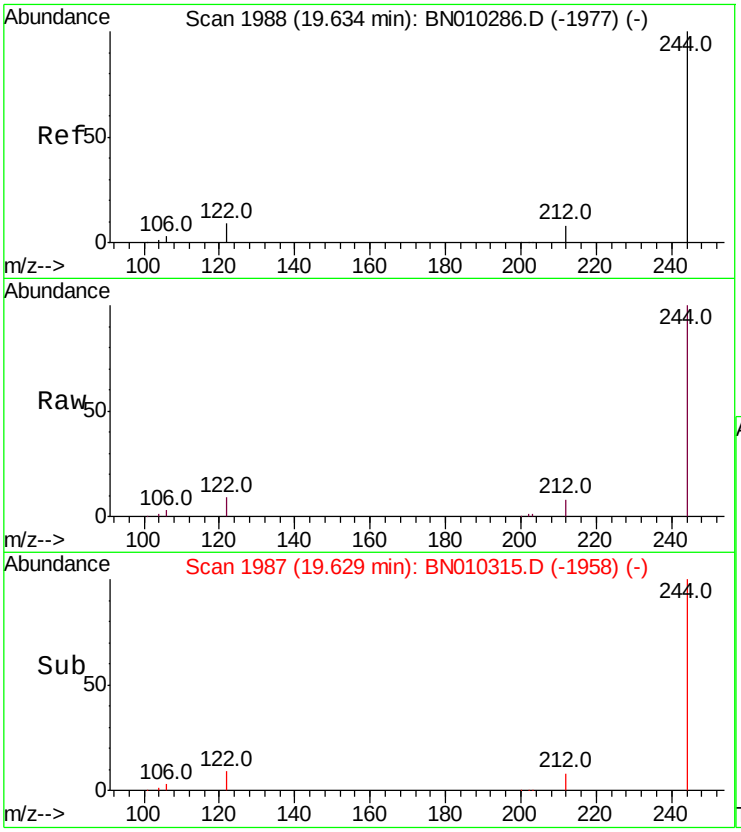


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:240 Resp: 19539

Ion	Ratio	Lower	Upper
240	100		
120	6.2	7.9	11.9#
236	26.9	22.2	33.4



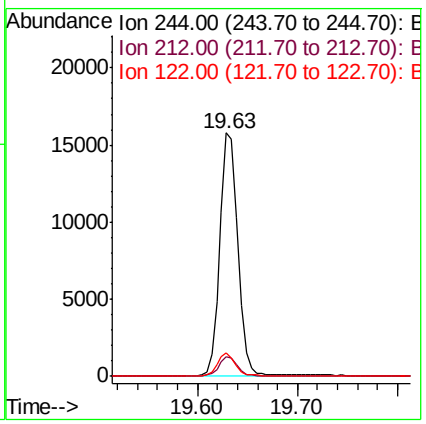


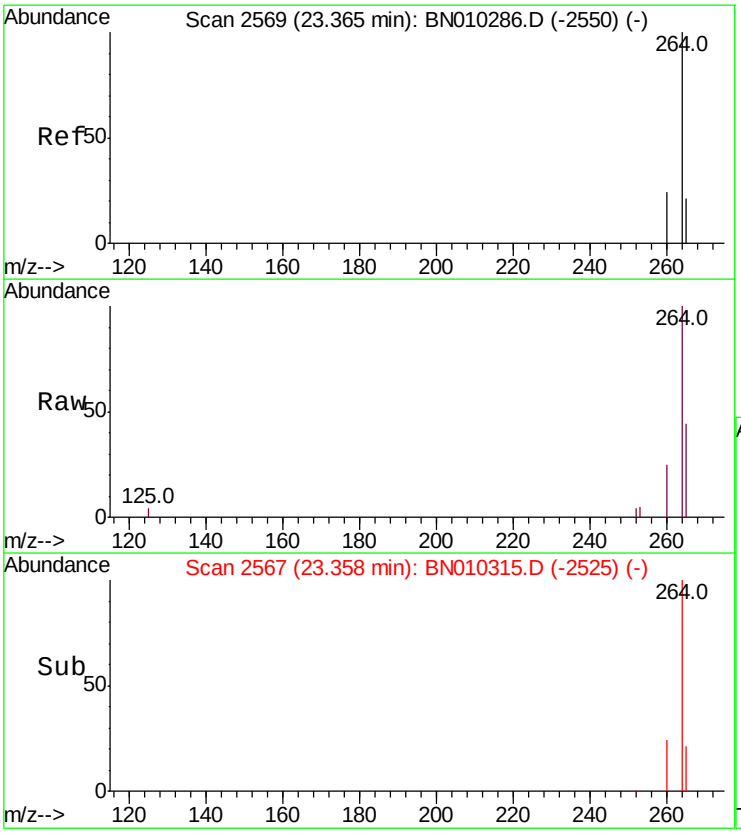
#29
Terphenyl-d14
Concen: 0.465 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Instrument :
BNA_N
ClientSampleId :
PB127714BL

Tgt Ion:244 Resp: 19624

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	9.4	7.6	11.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BN010315.D
Acq: 20 Mar 2020 22:43

Tgt Ion:264 Resp: 18803

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	44.2	32.4	48.6