Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032020\
Data File : BN010307.D
Acq On : 20 Mar 2020 13:02
Operator : CG/JU
Sample : PB127700BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127700BL

Quant Time: Mar 20 15:30:27 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	7.61	152	4860	0.40	ng	0.00
7) Naphthalene-d8	10.37	136	16866	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	9480	0.40	ng	-0.01
19) Phenanthrene-d10	16.99	188	21640	0.40	ng	0.00
27) Chrysene-d12	21.19	240	22466	0.40	ng	0.00
34) Perylene-d12	23.37	264	21678	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3690	0.38	ng	0.00
5) Phenol-d6	6.79	99	4409	0.37	ng	0.00
8) Nitrobenzene-d5	8.74	82	6458	0.60	ng	0.00
11) 2-Methylnaphthalene-d10	11.97	152	8227	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.73	330	1028	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.85	172	23064	0.64	ng	-0.01
25) Fluoranthene-d10	19.02	212	19170	0.29	ng	0.00
29) Terphenyl-d14	19.63	244	24372	0.50	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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BNA_N
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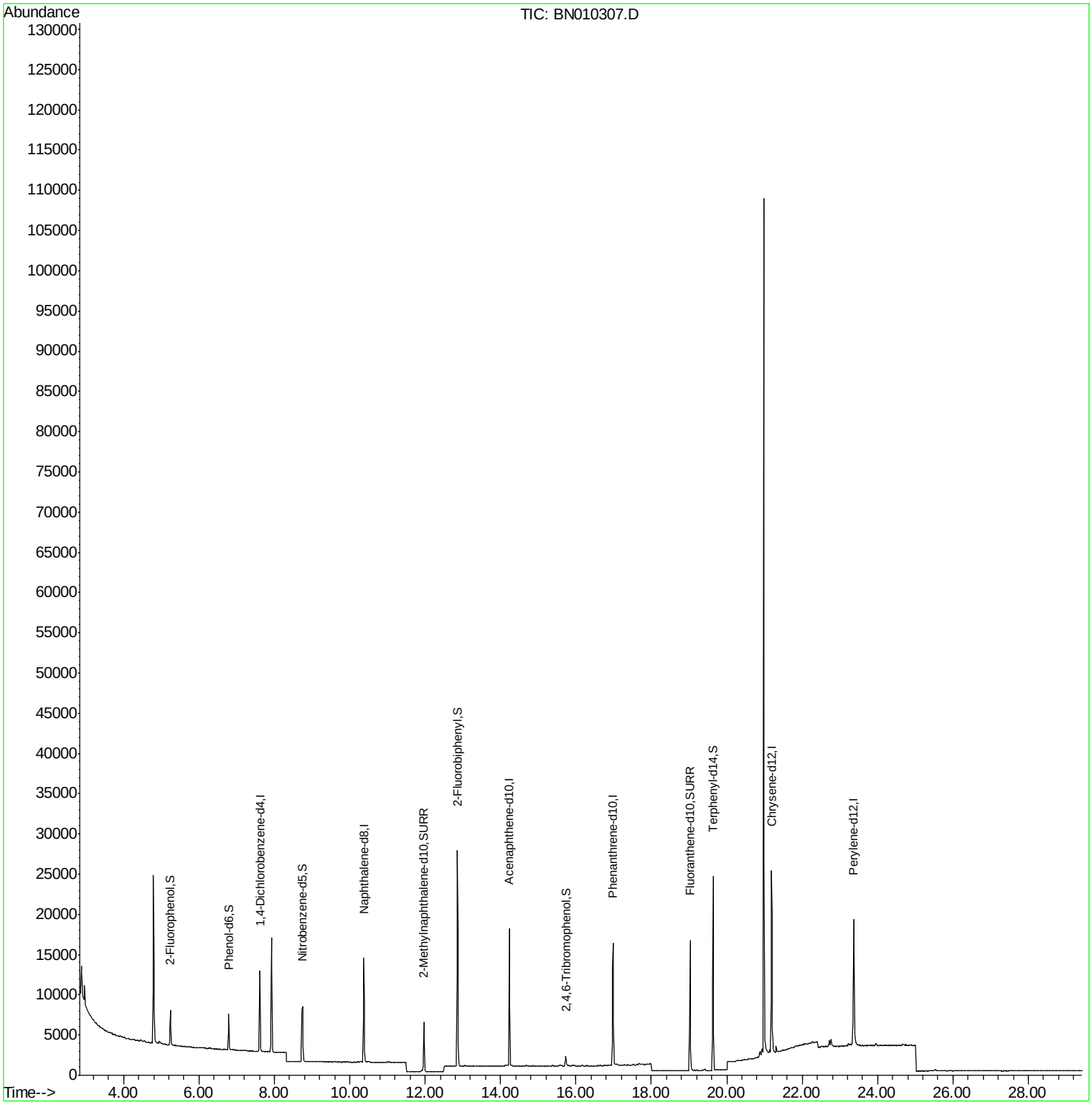
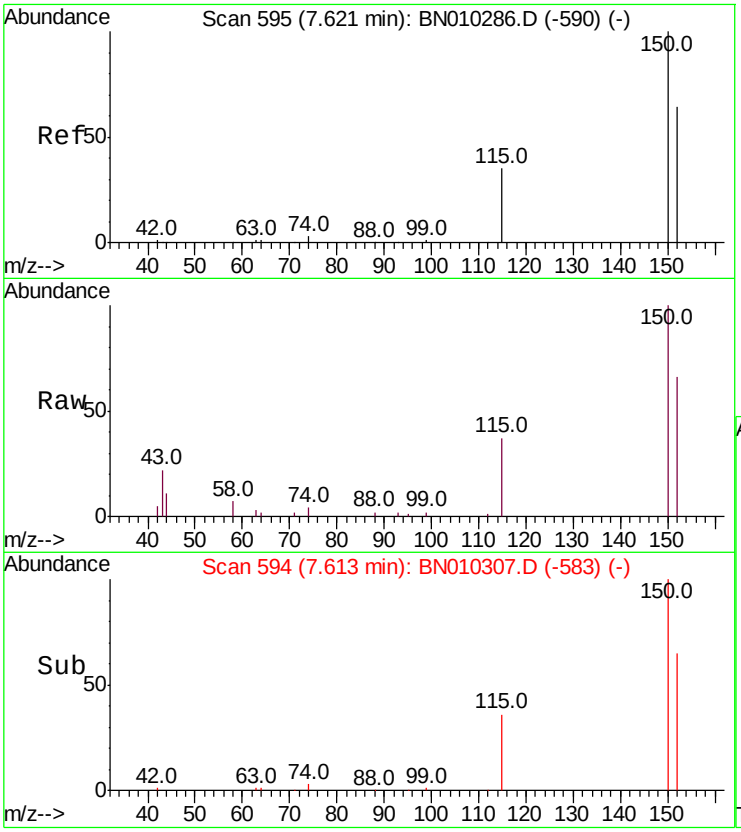


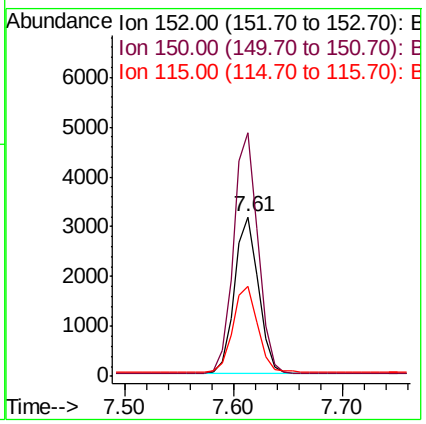


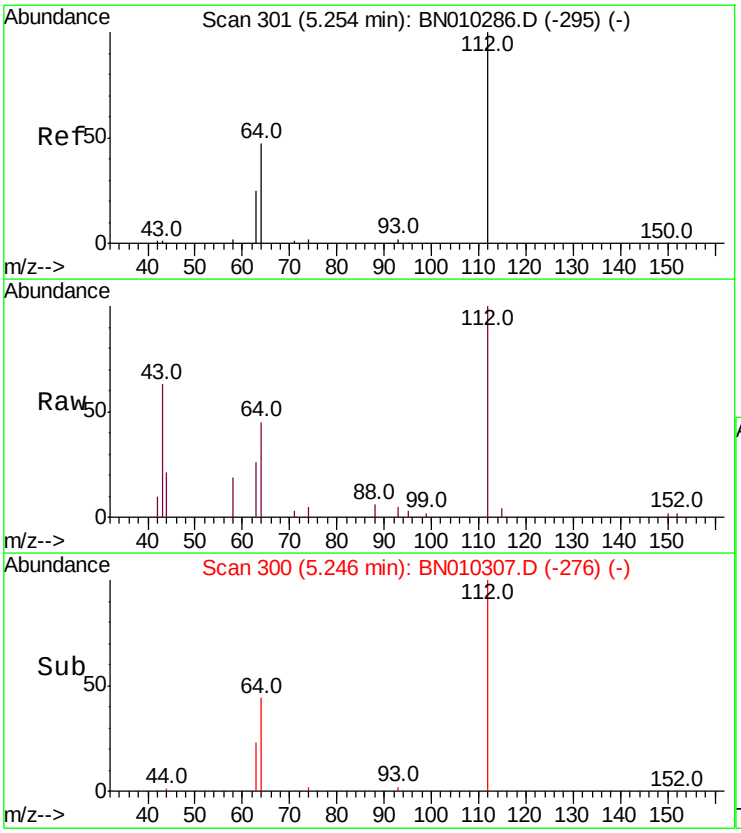
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion:152 Resp: 4860

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.1	184.7
115	56.5	45.2	67.8

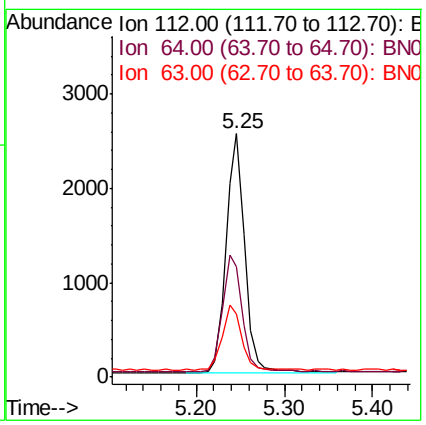


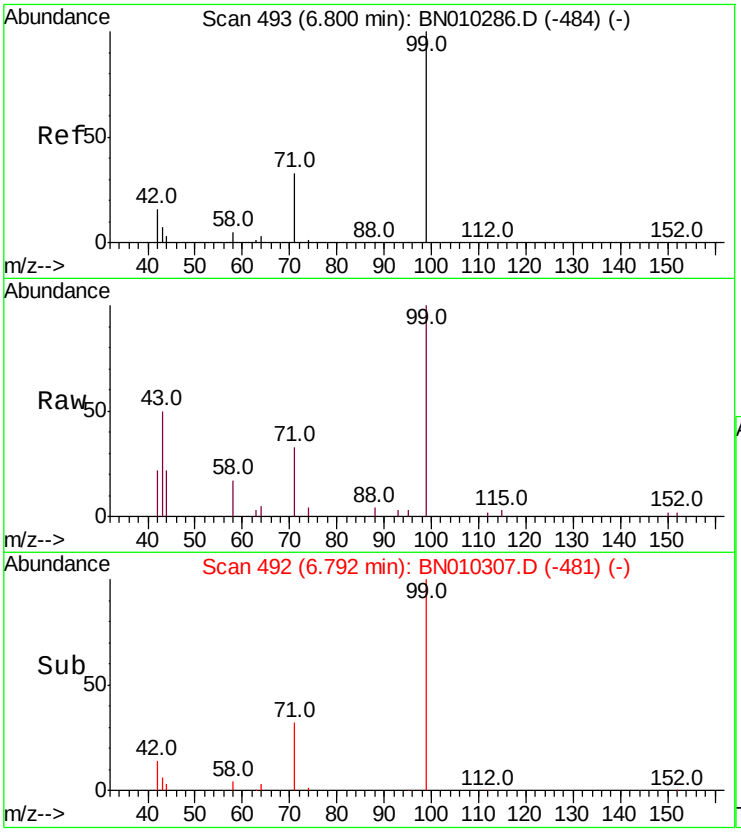


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:112 Resp: 3690

Ion	Ratio	Lower	Upper
112	100		
64	51.4	41.4	62.2
63	27.5	22.9	34.3



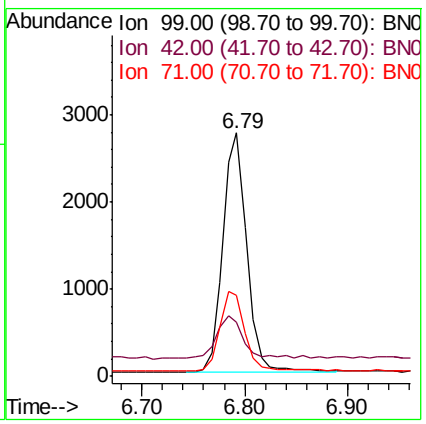


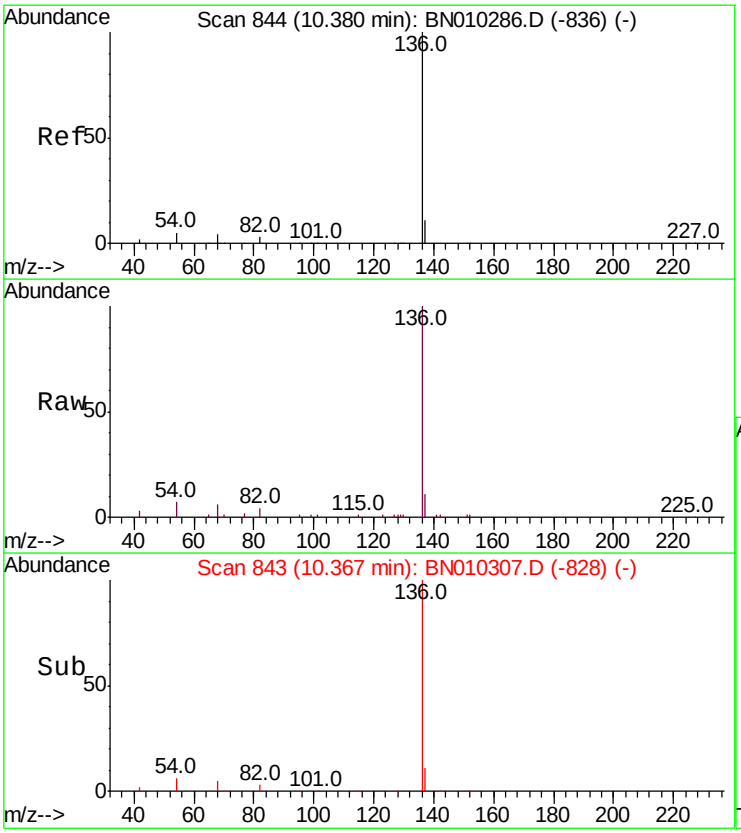
#5
Phenol-d6
Concen: 0.369 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion: 99 Resp: 4409

Ion	Ratio	Lower	Upper
99	100		
42	19.2	14.8	22.2
71	35.1	27.3	40.9

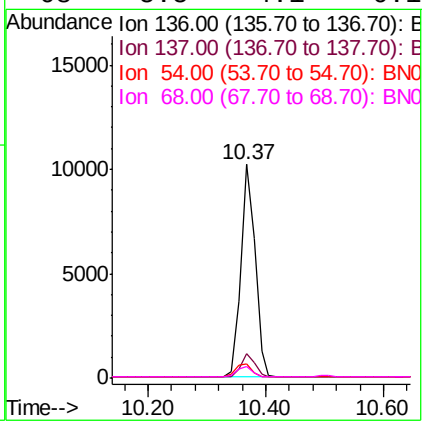


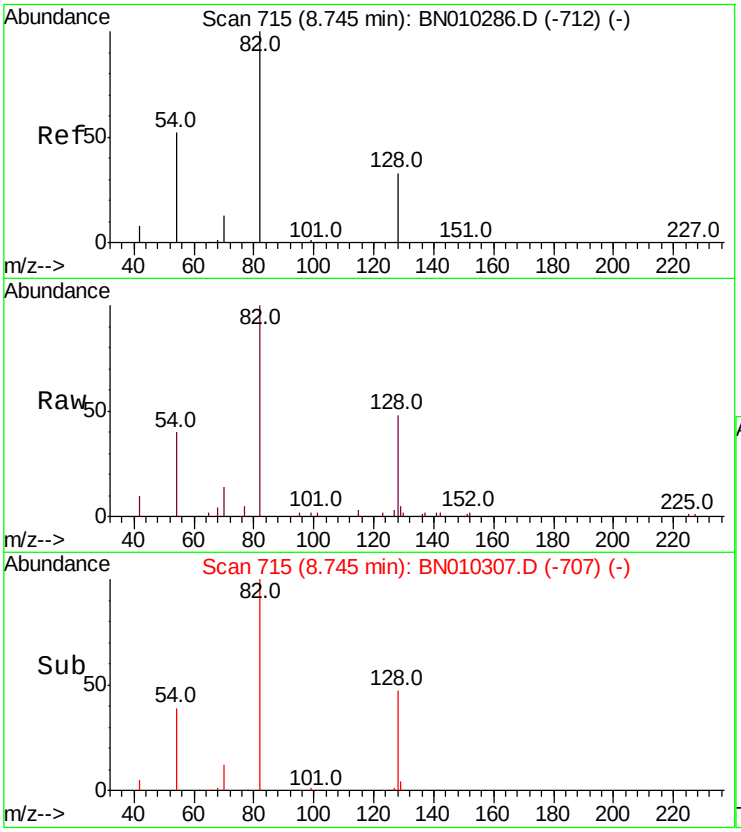


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:136 Resp: 16866

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.6	4.8	7.2
68	5.5	4.1	6.1



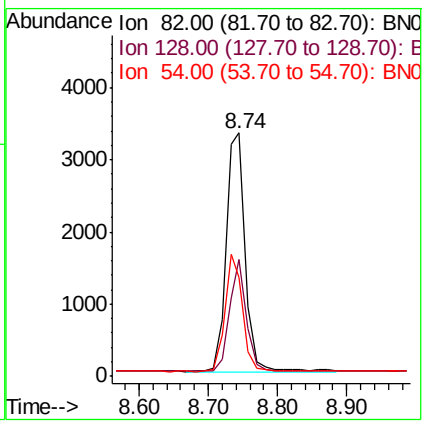


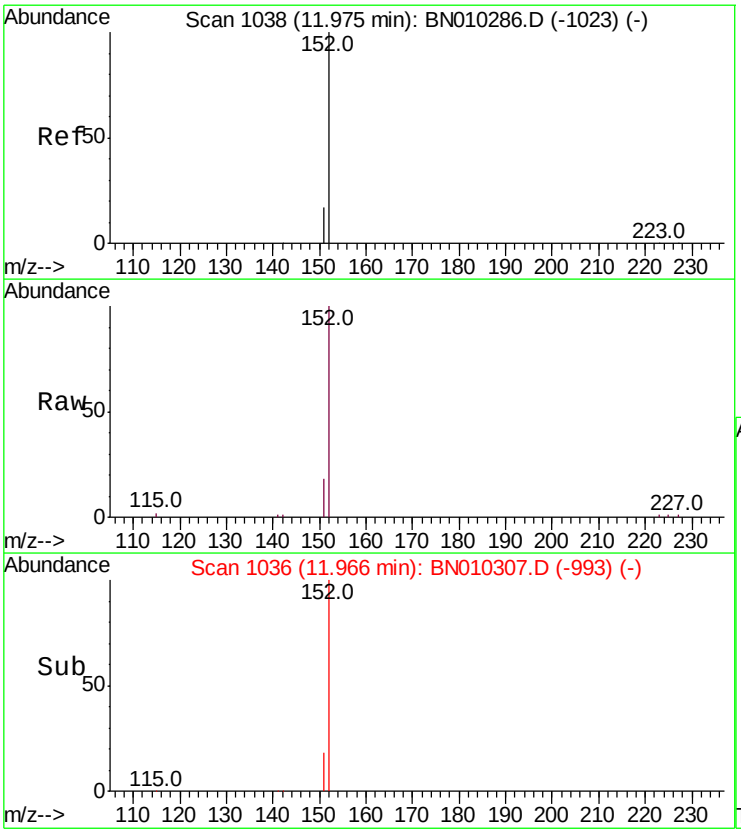
#8
Nitrobenzene-d5
Concen: 0.597 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion: 82 Resp: 6458

Ion	Ratio	Lower	Upper
82	100		
128	48.1	28.8	43.2#
54	40.4	42.1	63.1#

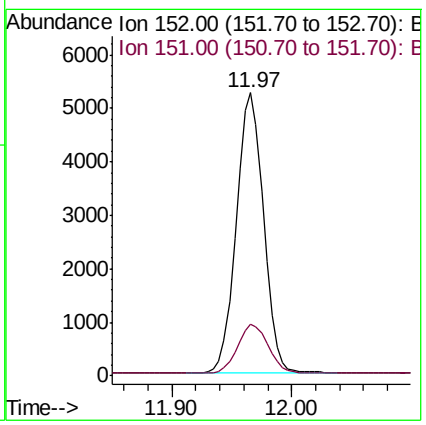


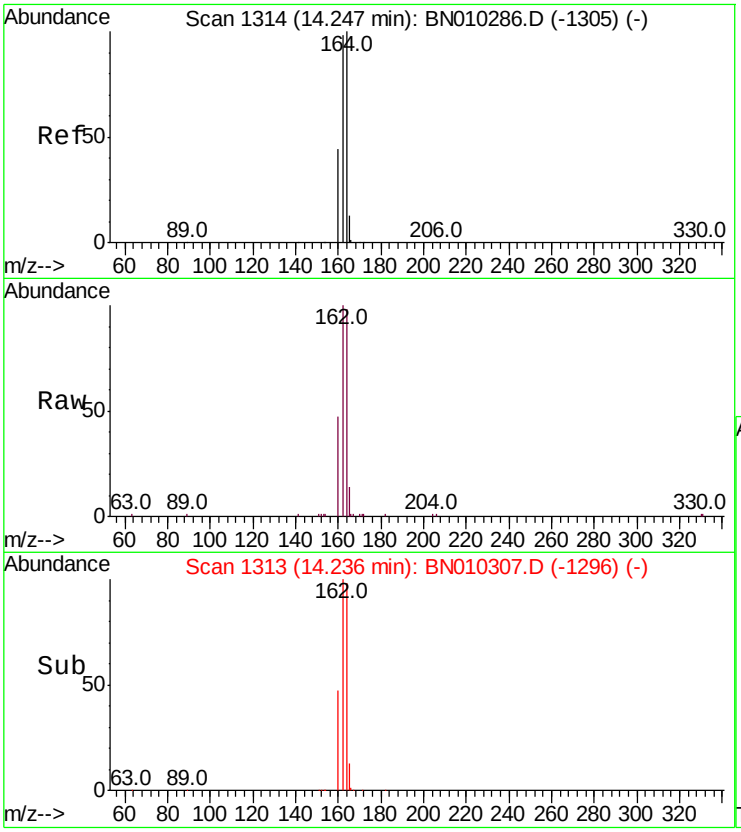


#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:152 Resp: 8227

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.4	23.2



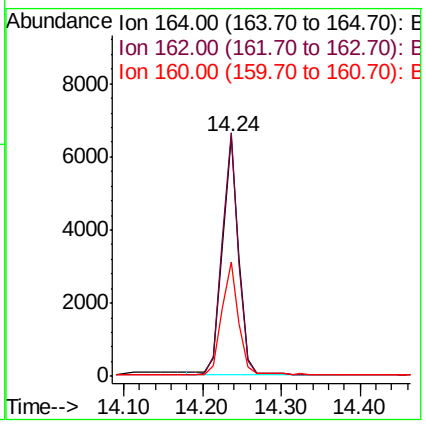


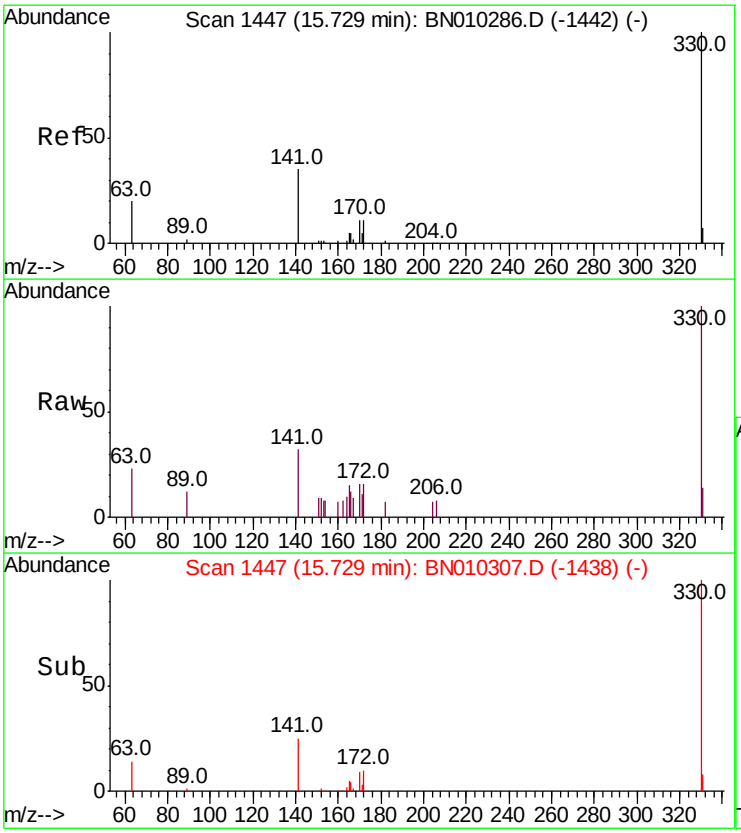
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion:164 Resp: 9480

Ion	Ratio	Lower	Upper
164	100		
162	101.7	78.2	117.2
160	47.9	35.8	53.6

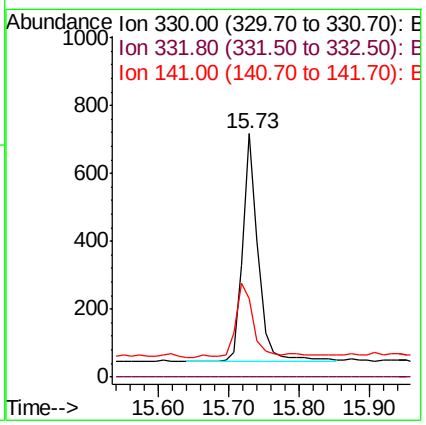


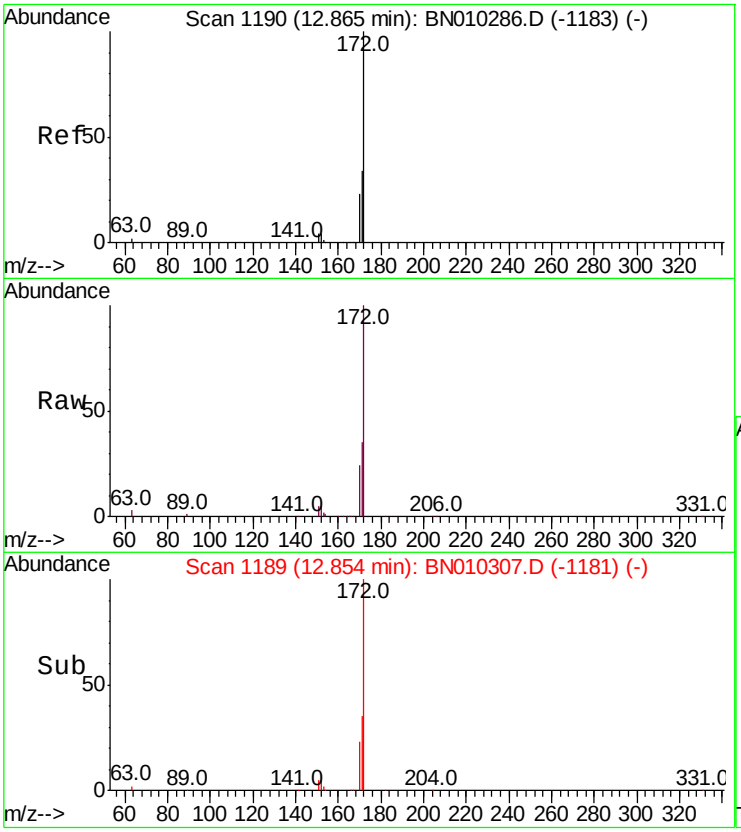


#14
2,4,6-Tribromophenol
Concen: 0.282 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:330 Resp: 1028

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.2	29.3	43.9



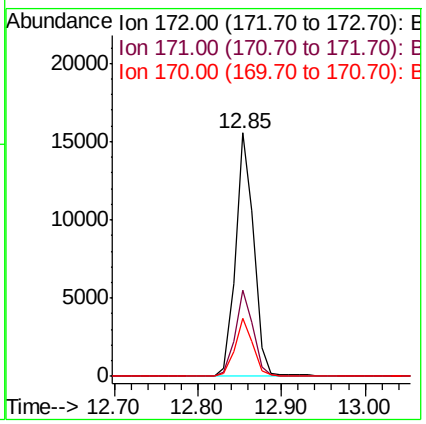


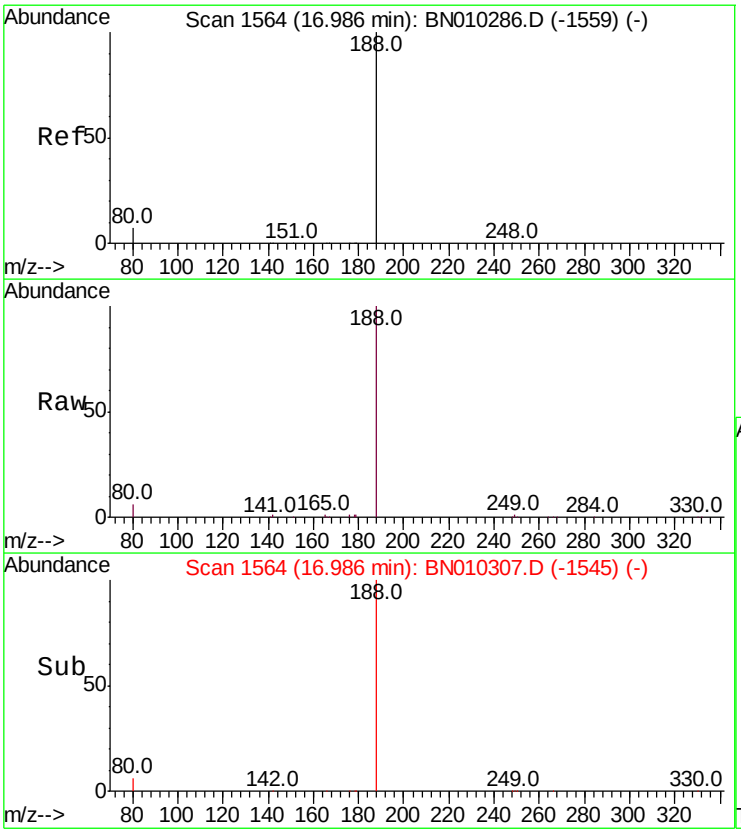
#15
2-Fluorobiphenyl
Concen: 0.636 ng
RT: 12.85 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion:172 Resp: 23064

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.6	41.4
170	23.6	18.5	27.7

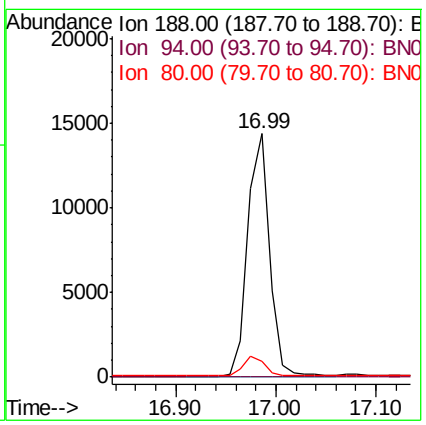


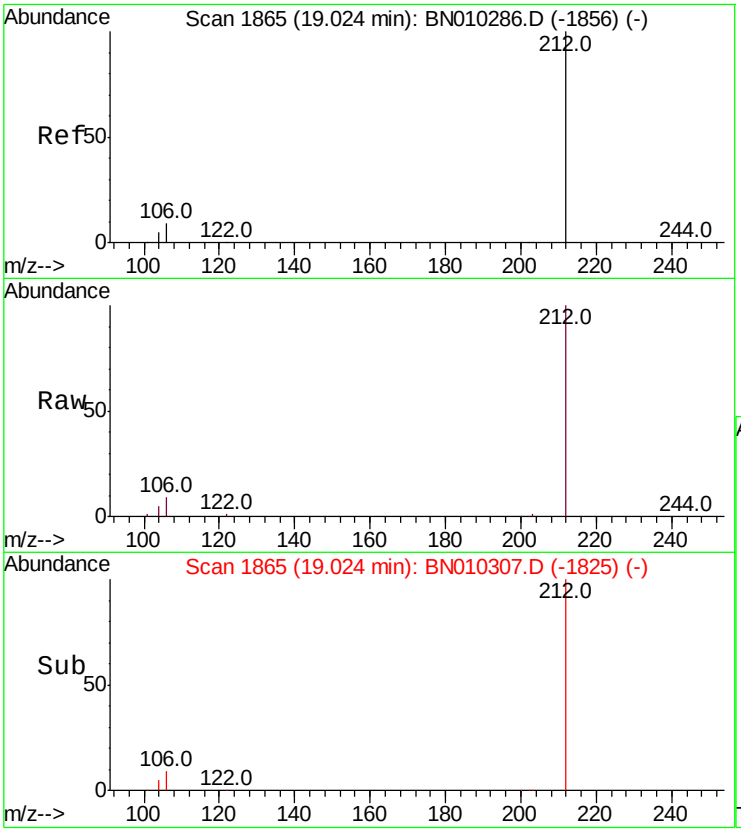


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:188 Resp: 21640

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	6.0	9.0



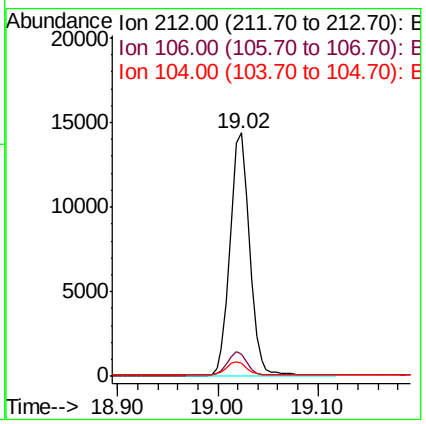


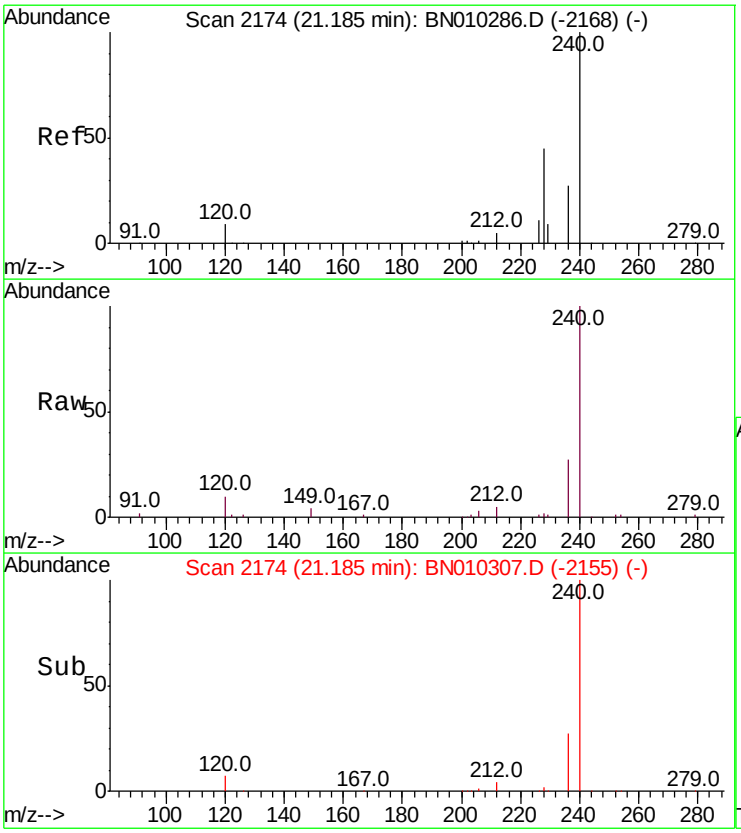
#25
Fluoranthene-d10
Concen: 0.294 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion:212 Resp: 19170

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.4	11.2
104	5.5	4.2	6.4

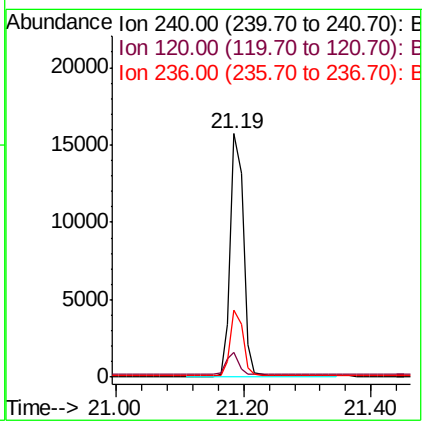


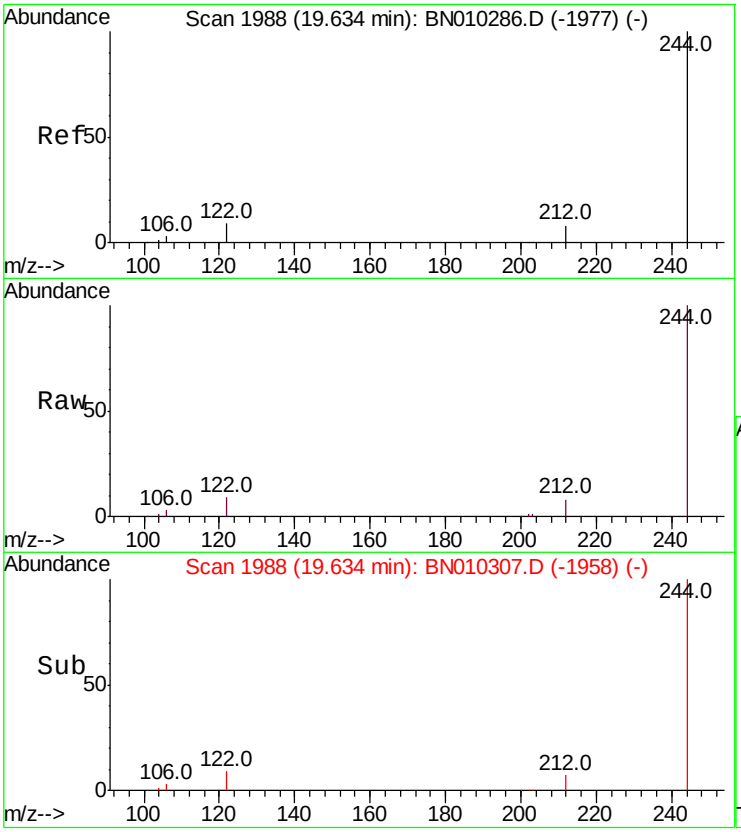


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:240 Resp: 22466

Ion	Ratio	Lower	Upper
240	100		
120	10.4	7.9	11.9
236	27.3	22.2	33.4



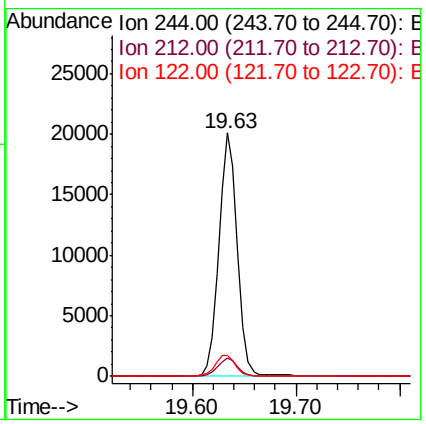


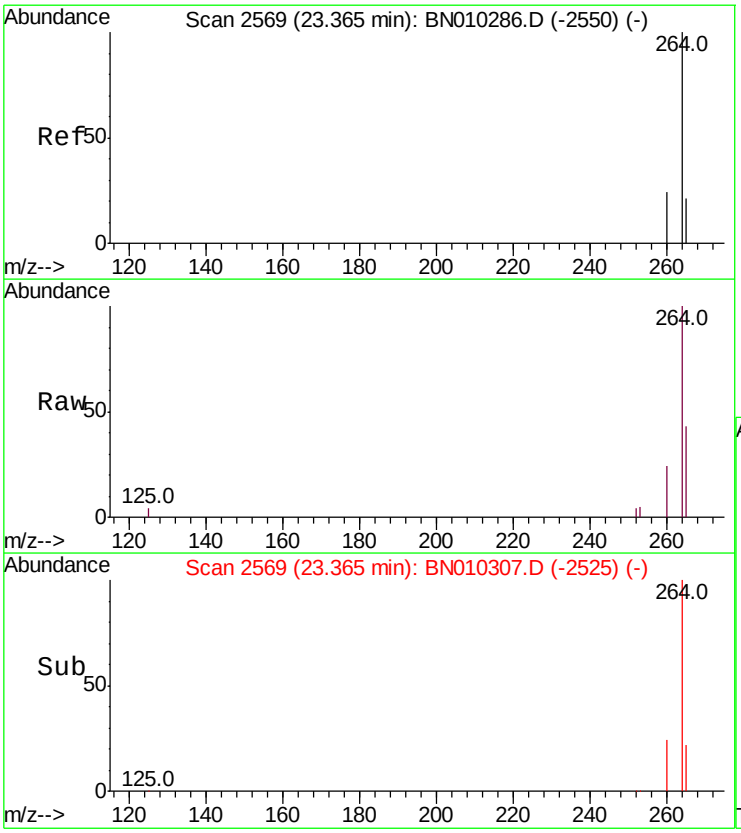
#29
Terphenyl-d14
Concen: 0.502 ng
RT: 19.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Instrument :
BNA_N
ClientSampleId :
PB127700BL

Tgt Ion:244 Resp: 24372

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	8.8	7.6	11.4





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BN010307.D
Acq: 20 Mar 2020 13:02

Tgt Ion:264 Resp: 21678

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	43.0	32.4	48.6