Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
Data File : BN010725.D
Acq On : 15 May 2020 11:14
Operator : CG/JU
Sample : PB128814BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128814BL

Quant Time: May 15 12:04:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	4987	0.40	ng	0.00
7) Naphthalene-d8	10.33	136	19074	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	11624	0.40	ng	0.02
19) Phenanthrene-d10	16.95	188	23596	0.40	ng	0.00
27) Chrysene-d12	21.16	240	18360	0.40	ng	0.00
34) Perylene-d12	23.32	264	17594	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	2807	0.29	ng	0.00
5) Phenol-d6	6.78	99	3166	0.27	ng	0.00
8) Nitrobenzene-d5	8.72	82	3234	0.24	ng	0.01
11) 2-Methylnaphthalene-d10	11.93	152	7195	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	897	0.21	ng	0.02
15) 2-Fluorobiphenyl	12.83	172	9988	0.23	ng	0.02
25) Fluoranthene-d10	18.99	212	14400	0.22	ng	0.00
29) Terphenyl-d14	19.60	244	11364	0.26	ng	0.00

Target Compounds	Qvalue

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

Quantitation Report (QT Reviewed)

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QLast Update : Fri May 15 10:34:23 2020
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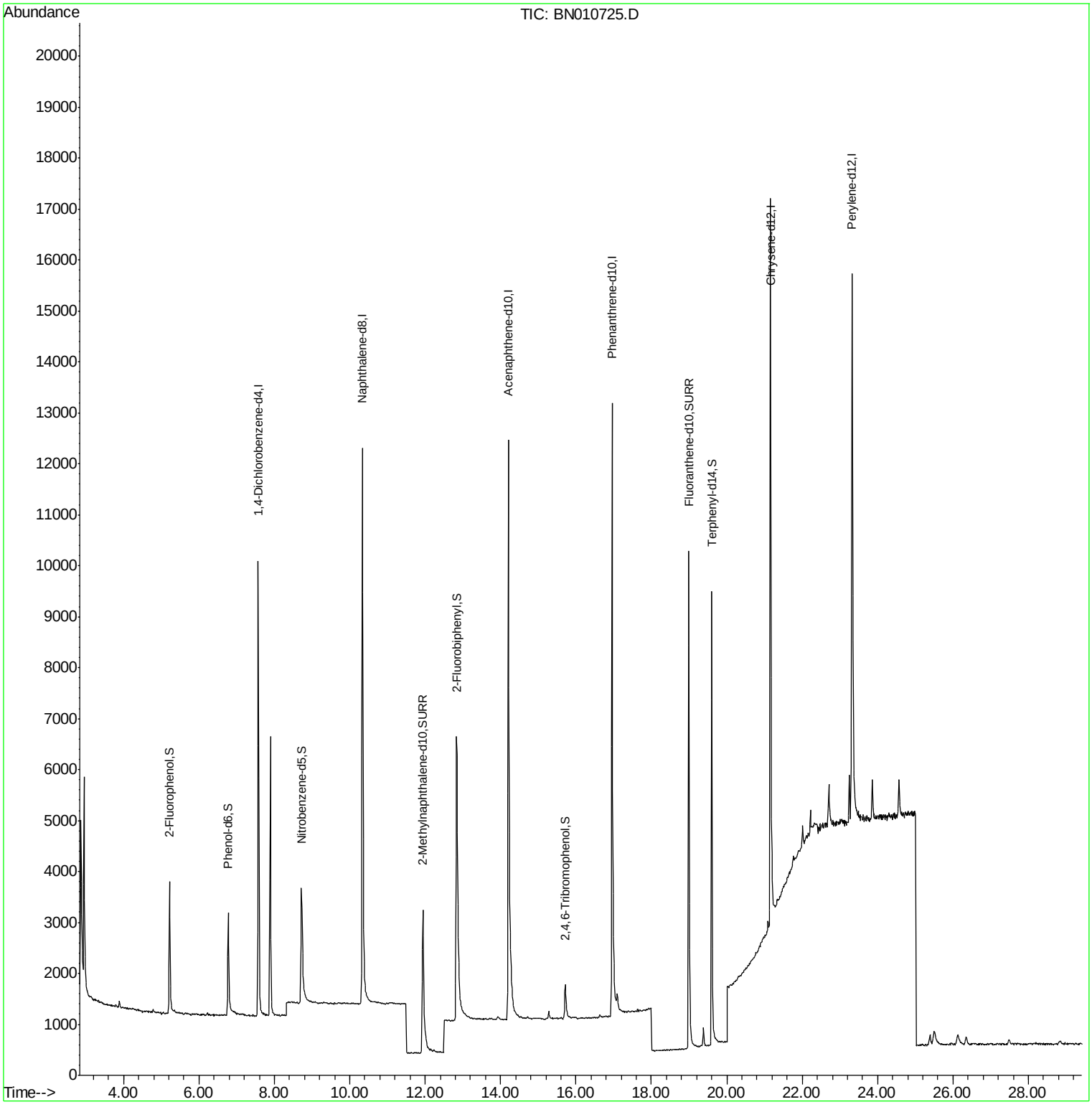
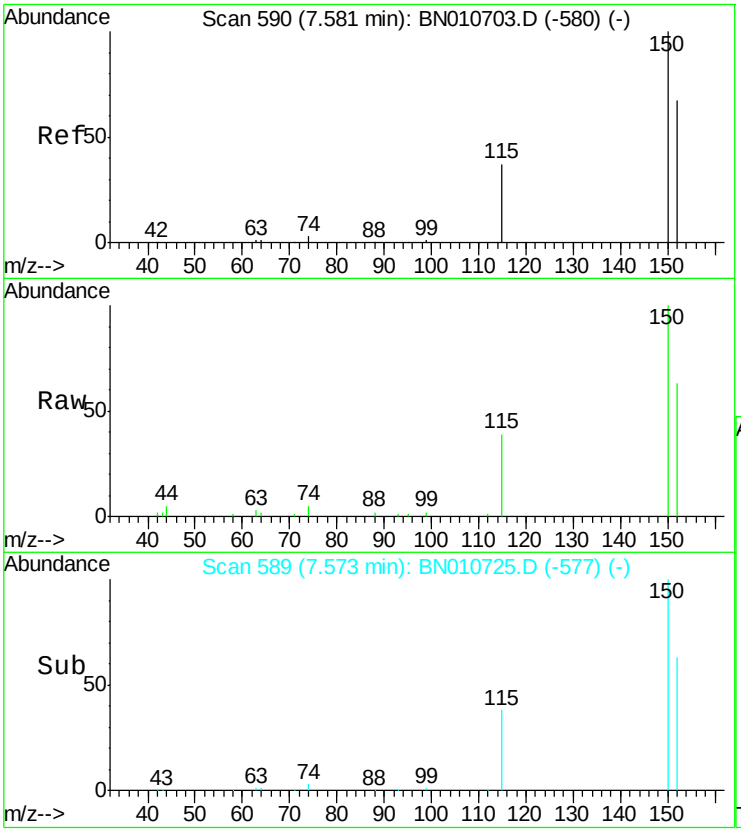


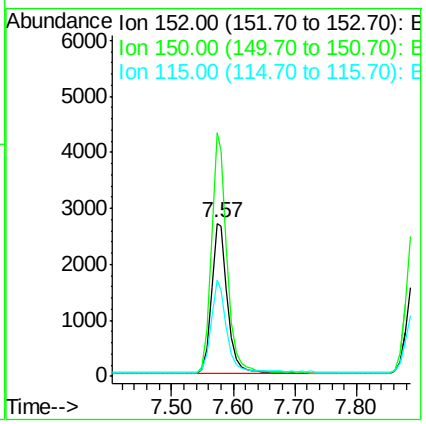


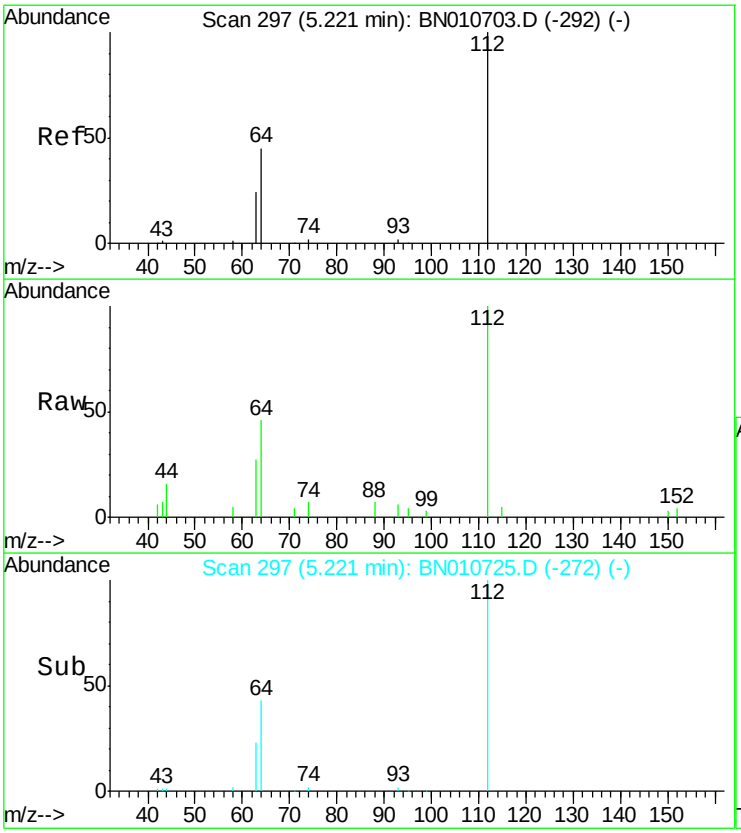
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion:152 Resp: 4987

Ion	Ratio	Lower	Upper
152	100		
150	158.7	119.4	179.0
115	62.6	45.9	68.9

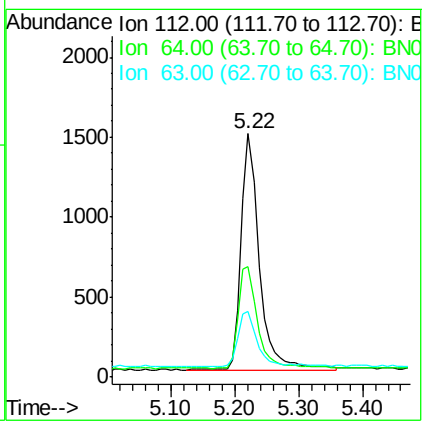


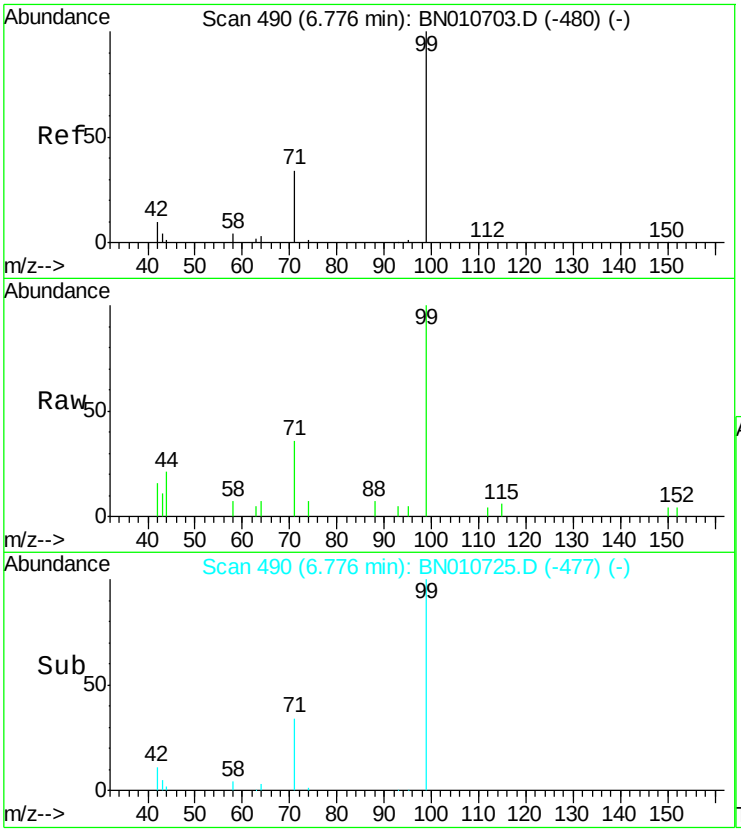


#4
2-Fluorophenol
Concen: 0.29 ng
RT: 5.22 min Scan# 297
Delta R.T. -0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:112 Resp: 2807

Ion	Ratio	Lower	Upper
112	100		
64	46.7	36.2	54.4
63	24.9	19.8	29.8



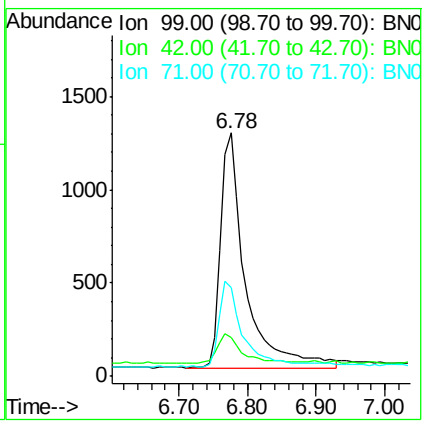


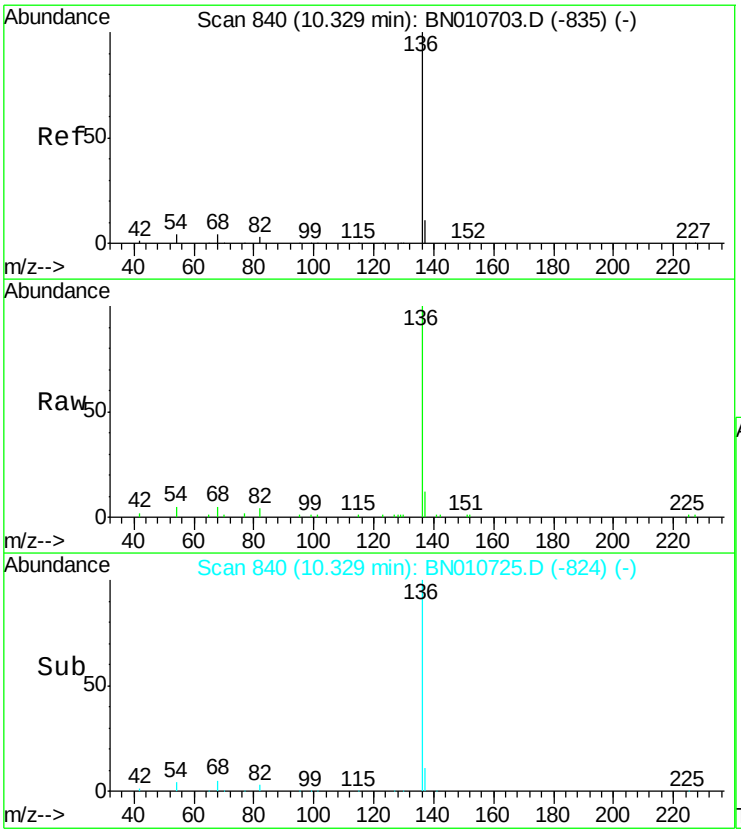
#5
Phenol-d6
Concen: 0.27 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.01 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion: 99 Resp: 3166

Ion	Ratio	Lower	Upper
99	100		
42	12.3	9.8	14.8
71	34.6	28.6	42.8

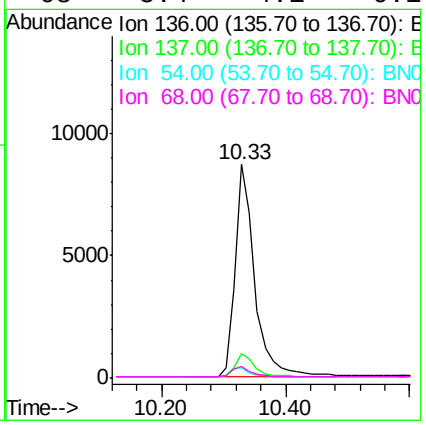


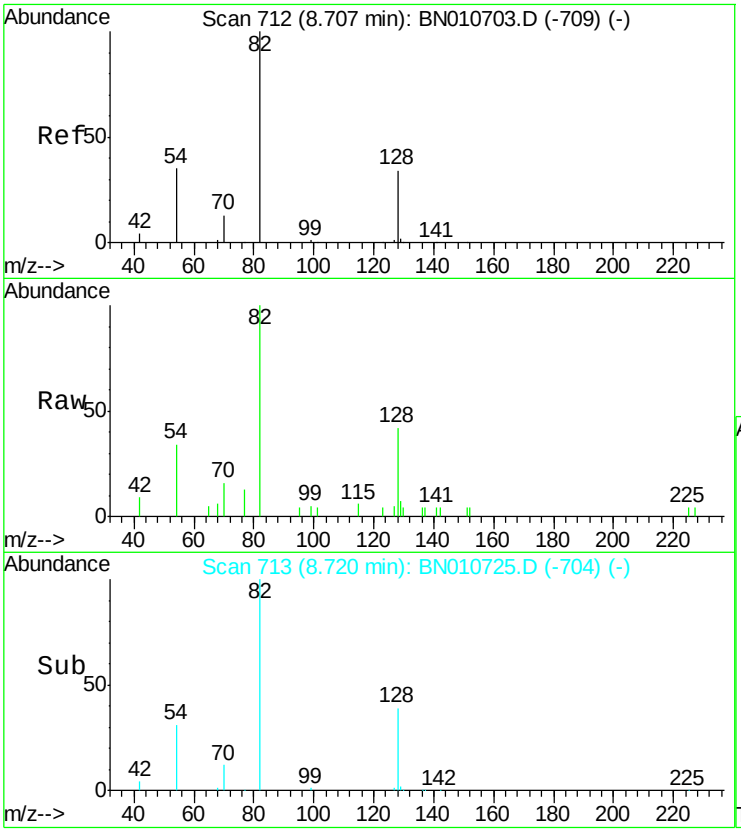


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:136 Resp: 19074

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	4.8	3.6	5.4
68	5.4	4.1	6.1



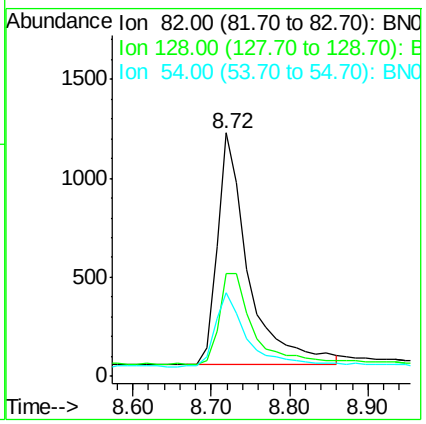


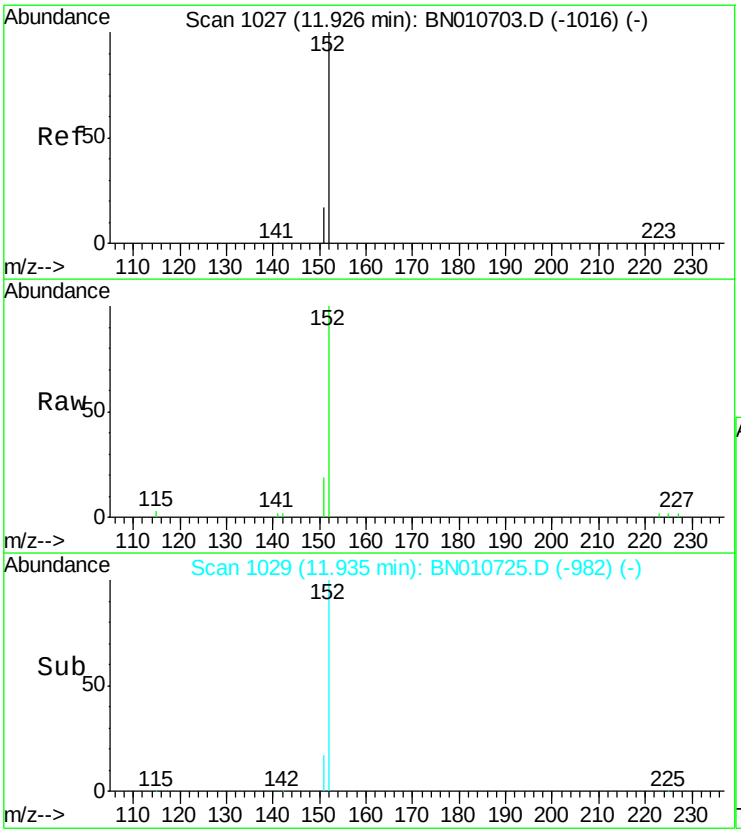
#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.01 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion: 82 Resp: 3234

Ion	Ratio	Lower	Upper
82	100		
128	42.0	29.0	43.4
54	34.2	29.3	43.9

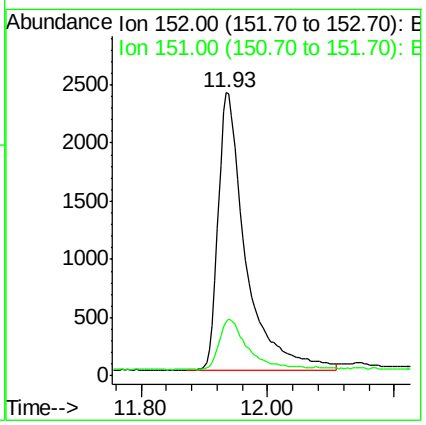


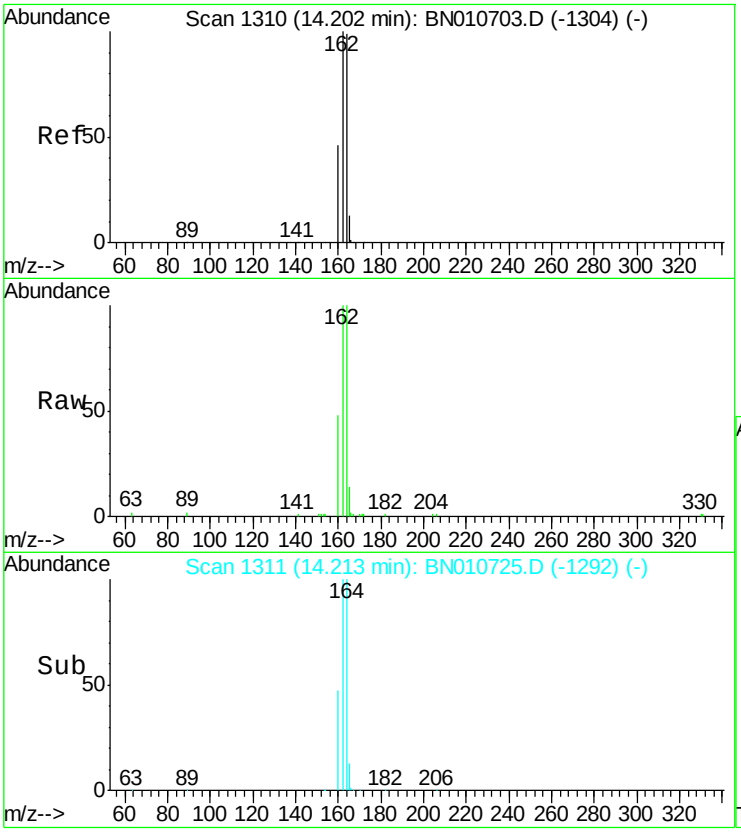


#11
2-Methylnaphthalene-d10
Concen: 0.23 ng
RT: 11.93 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:152 Resp: 7195

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6



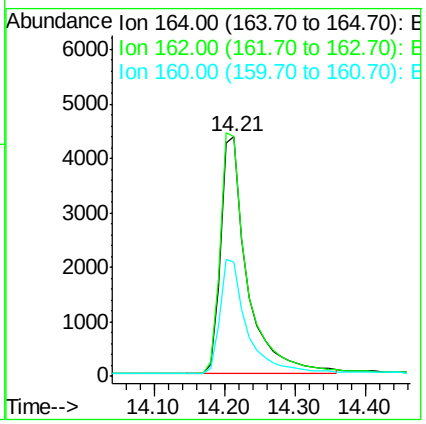


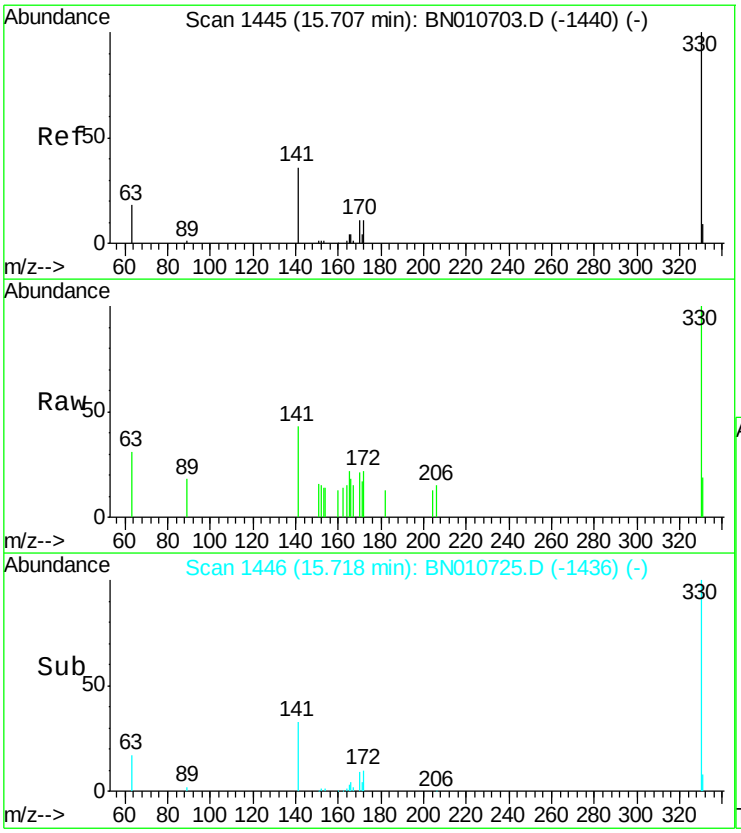
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion:164 Resp: 11624

Ion	Ratio	Lower	Upper
164	100		
162	100.2	81.1	121.7
160	47.9	37.9	56.9

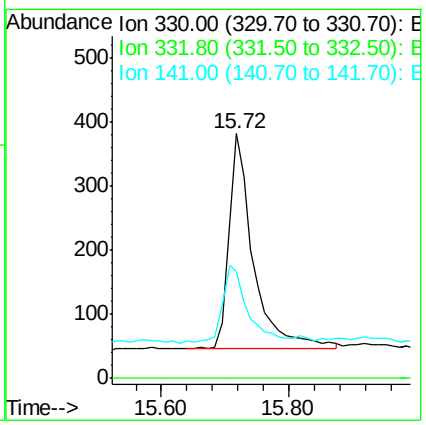


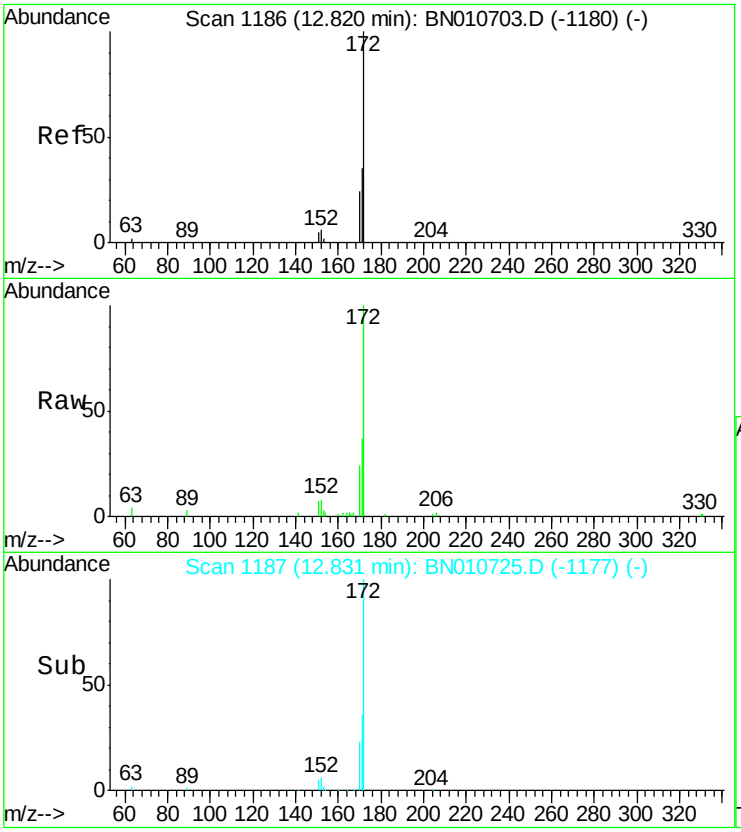


#14
2,4,6-Tribromophenol
Concen: 0.21 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.02 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:330 Resp: 897

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.9	28.8	43.2



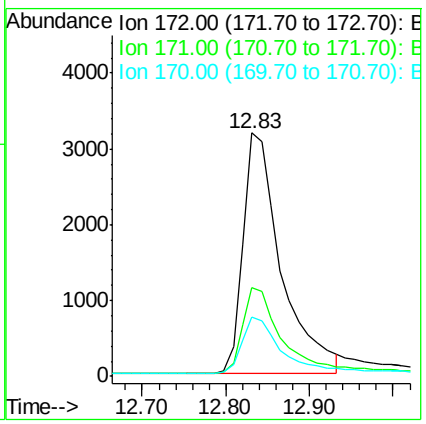


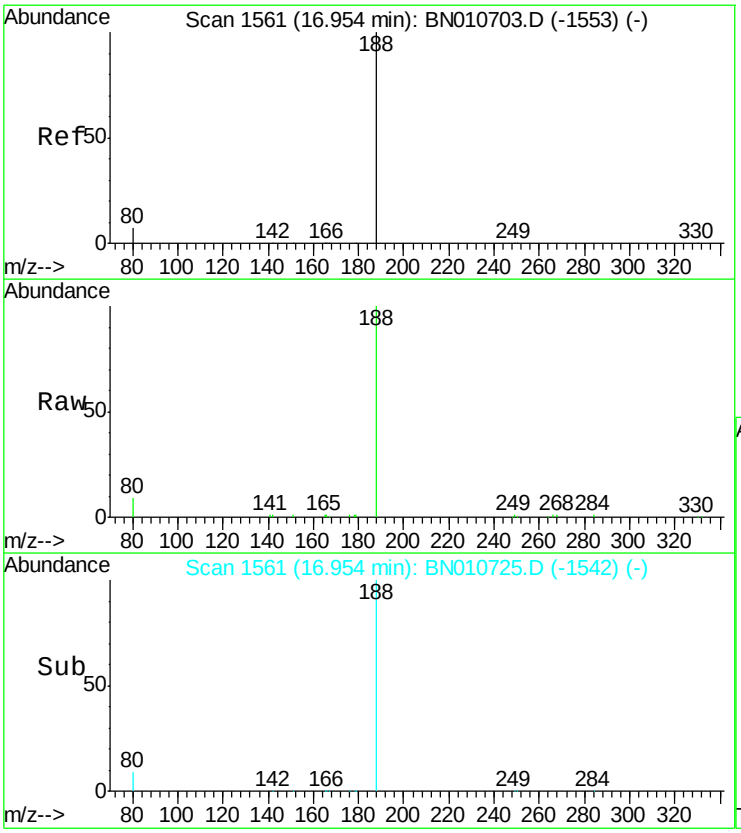
#15
2-Fluorobiphenyl
Concen: 0.23 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion:172 Resp: 9988

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.4	19.8	29.8

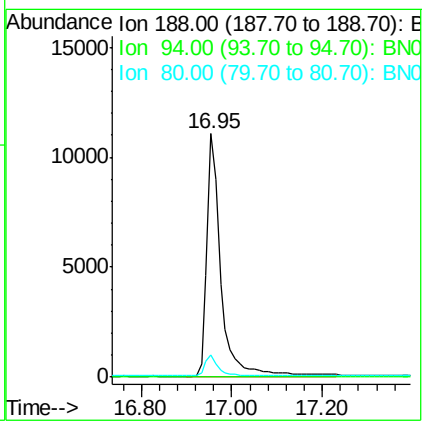


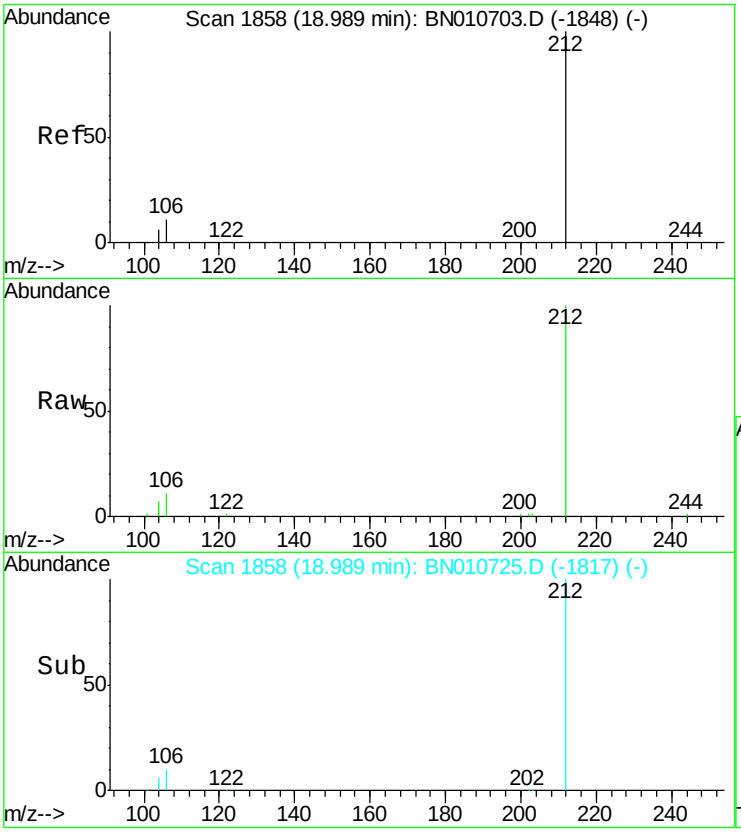


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:188 Resp: 23596

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.3	9.5



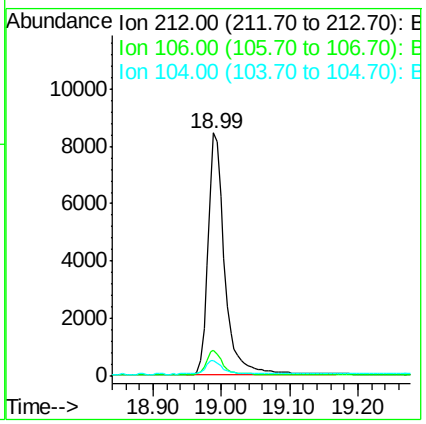


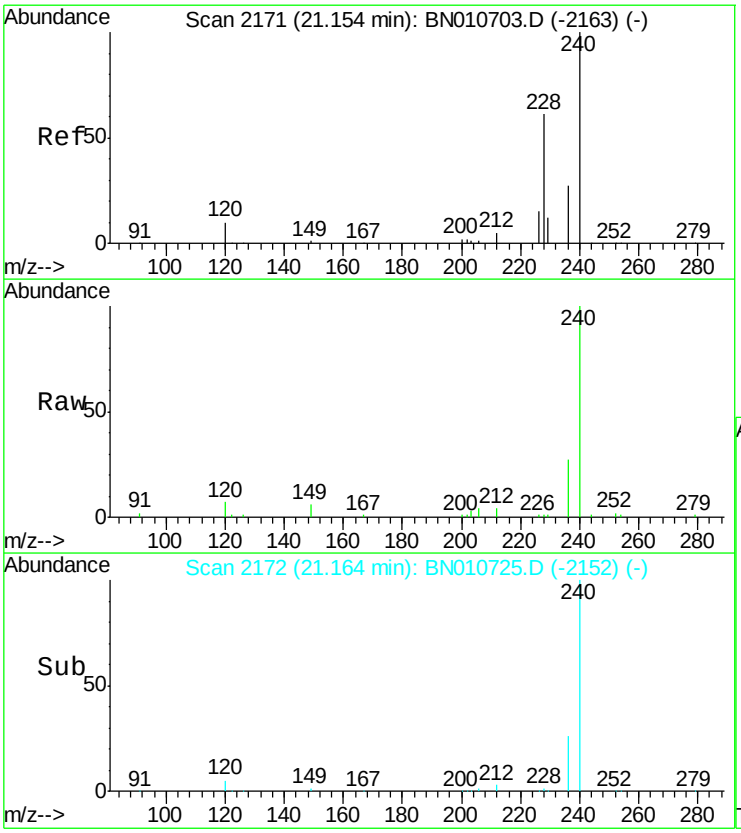
#25
Fluoranthene-d10
Concen: 0.22 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion:212 Resp: 14400

Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.2	12.2
104	5.5	4.7	7.1

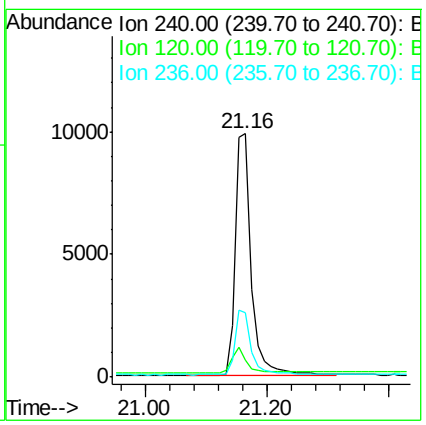


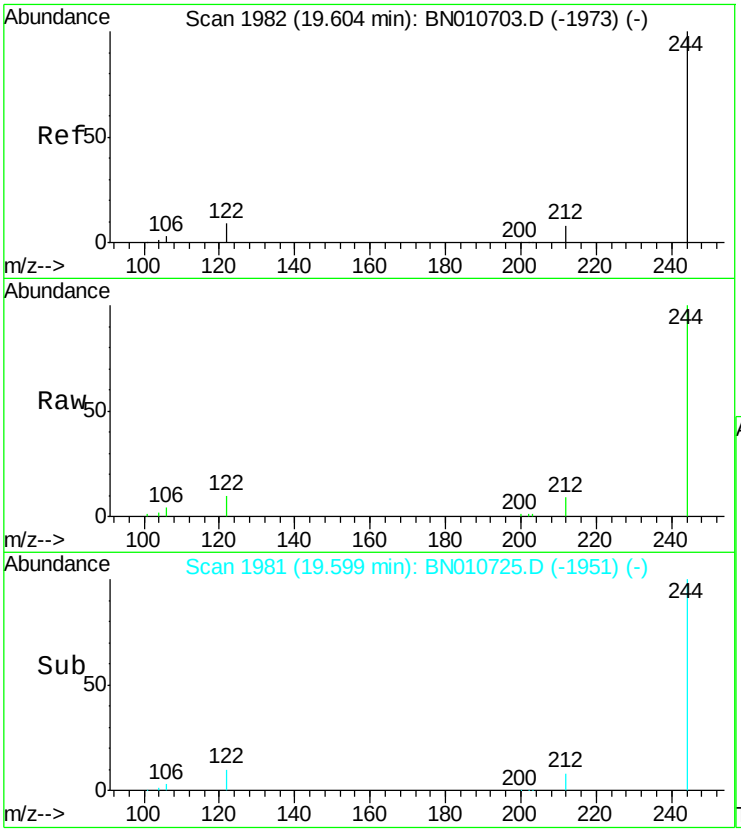


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:240 Resp: 18360

Ion	Ratio	Lower	Upper
240	100		
120	6.8	9.5	14.3#
236	26.6	22.5	33.7



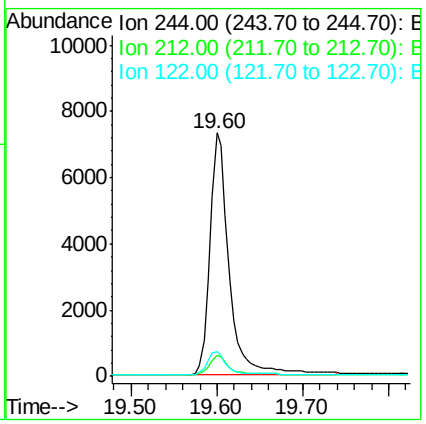


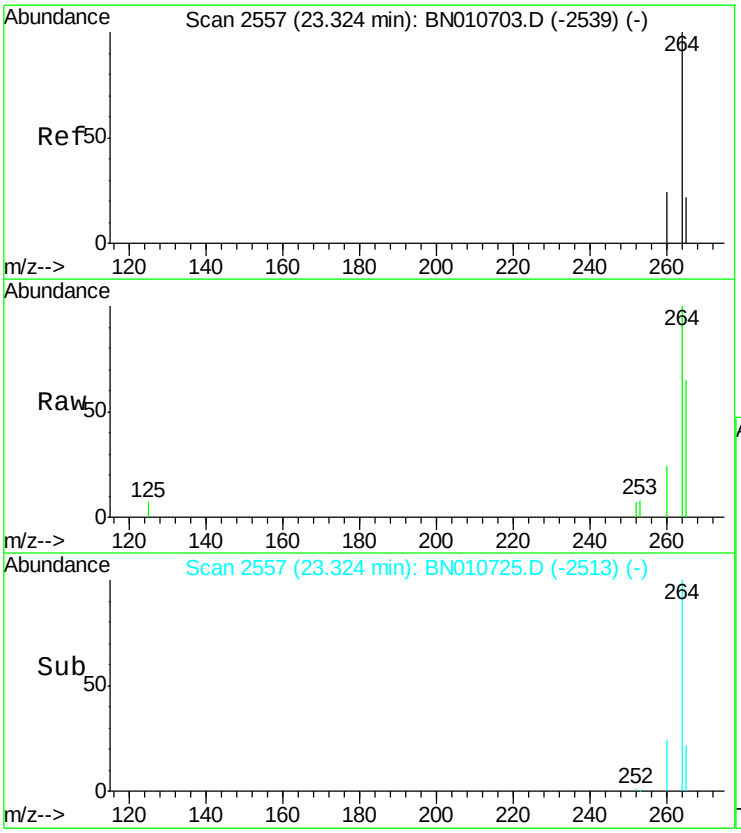
#29
Terphenyl-d14
Concen: 0.26 ng
RT: 19.60 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Instrument :
BNA_N
ClientSampleId :
PB128814BL

Tgt Ion:244 Resp: 11364

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.8	10.2
122	10.3	8.1	12.1





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.32 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BN010725.D
Acq: 15 May 2020 11:14

Tgt Ion:264 Resp: 17594

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.6	29.4
265	65.4	70.1	105.1#