Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073018\
Data File : BN002195.D
Acq On : 30 Jul 2018 20:46
Operator : JU/SJ
Sample : PB111184BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB111184BL

Quant Time: Jul 31 01:57:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 16:17:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3107	0.40	ng	0.00
7) Naphthalene-d8	10.47	136	12253	0.40	ng	0.00
13) Acenaphthene-d10	14.32	164	6449	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	12983	0.40	ng	0.01
27) Chrysene-d12	21.27	240	10491	0.40	ng	0.00
34) Perylene-d12	23.50	264	10308	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	2172	0.30	ng	0.00
5) Phenol-d6	6.89	99	2103	0.24	ng	0.00
8) Nitrobenzene-d5	8.87	82	2870	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	12.07	152	6698	0.37	ng	0.01
14) 2,4,6-Tribromophenol	15.85	330	552	0.20	ng	0.02
15) 2-Fluorobiphenyl	12.95	172	9076	0.37	ng	0.01
25) Fluoranthene-d10	19.11	212	12149	0.38	ng	0.00
29) Terphenyl-d14	19.71	244	7649	0.34	ng	0.00
Target Compounds						Qvalue

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

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BNA_N
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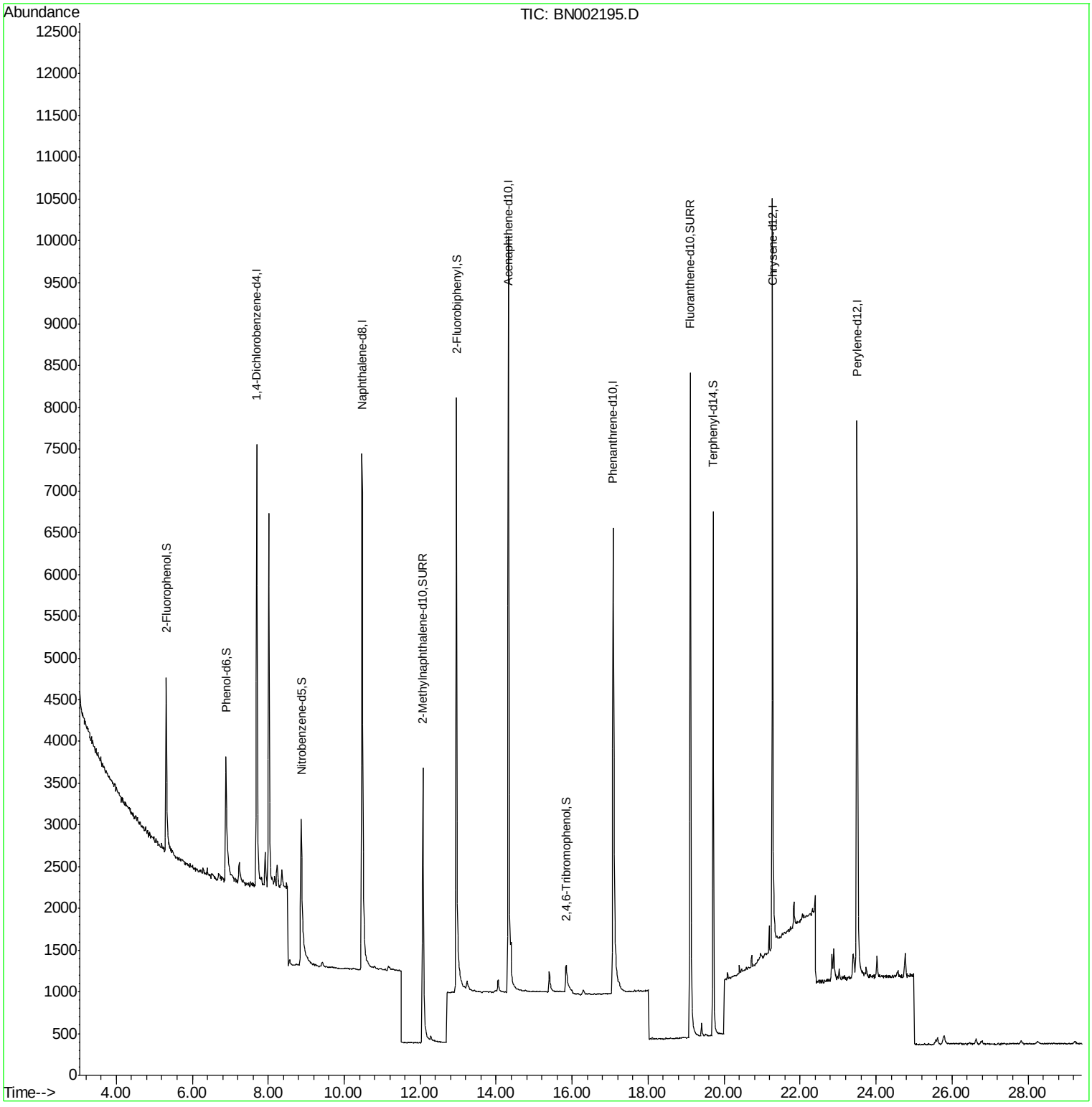
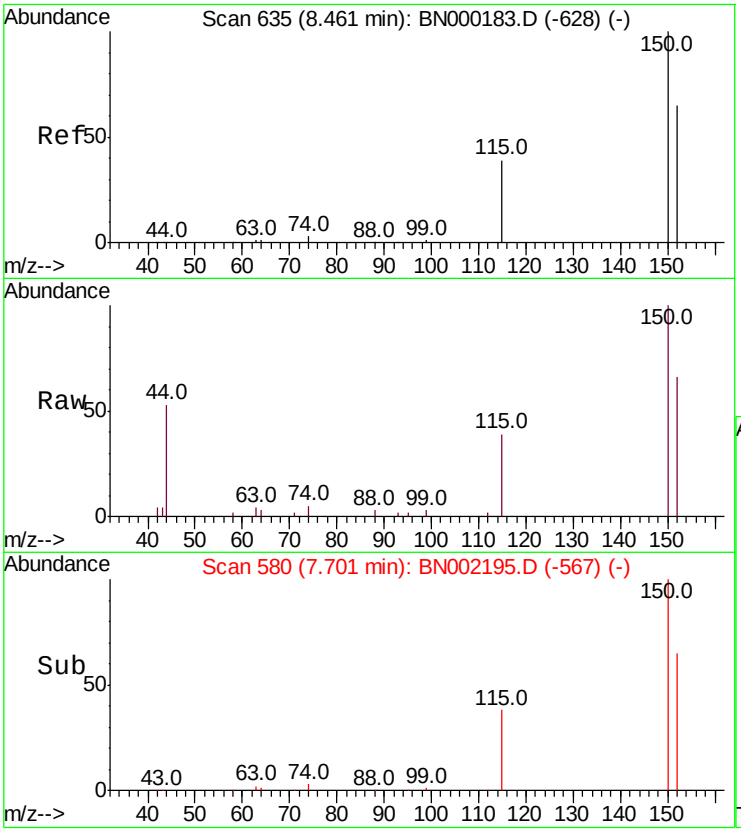


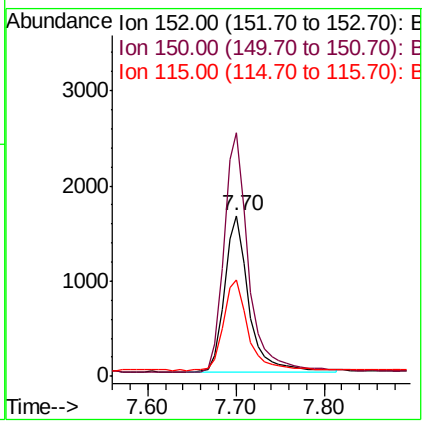


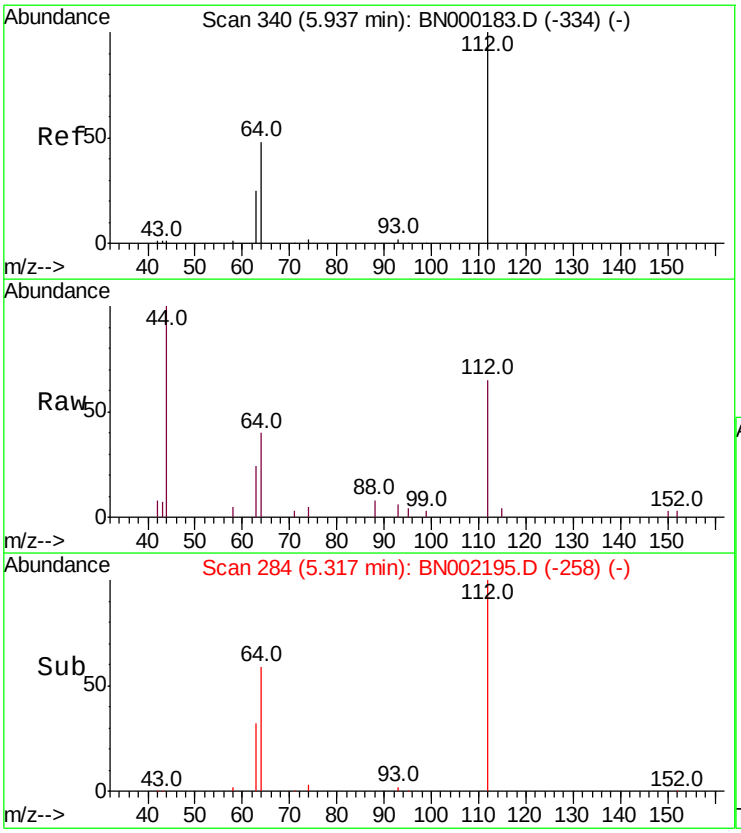
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion:152 Resp: 3107

Ion	Ratio	Lower	Upper
152	100		
150	151.7	117.2	175.8
115	59.9	57.0	85.6

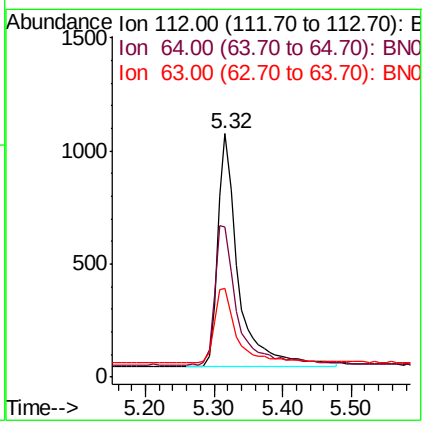


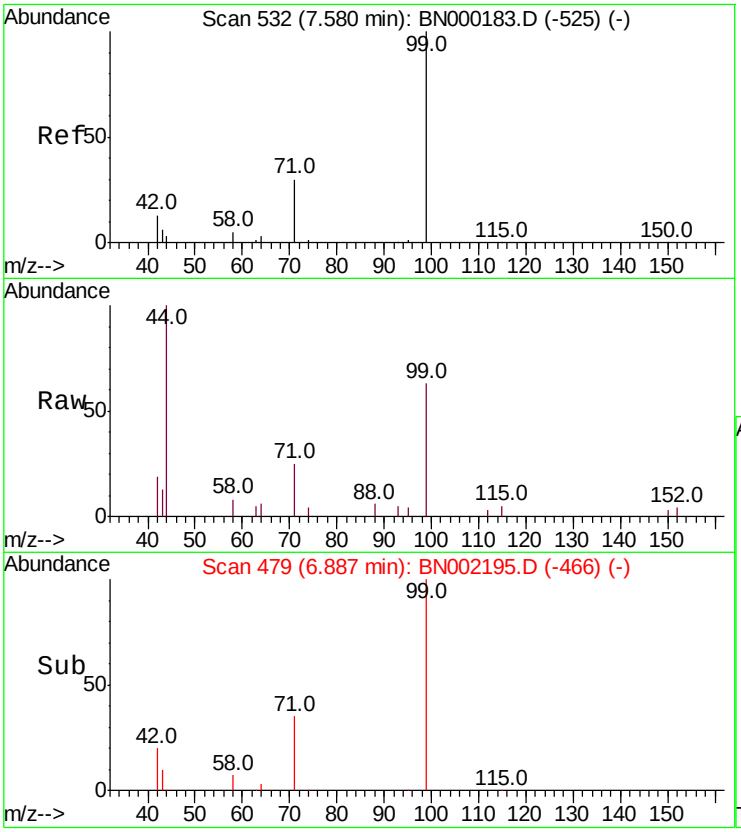


#4
2-Fluorophenol
Concen: 0.300 ng
RT: 5.32 min Scan# 284
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:112 Resp: 2172

Ion	Ratio	Lower	Upper
112	100		
64	66.4	60.1	90.1
63	35.1	116.8	175.2#



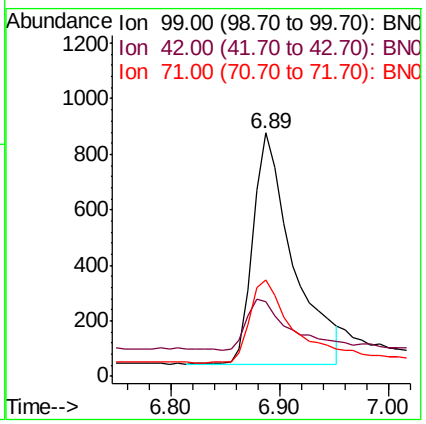


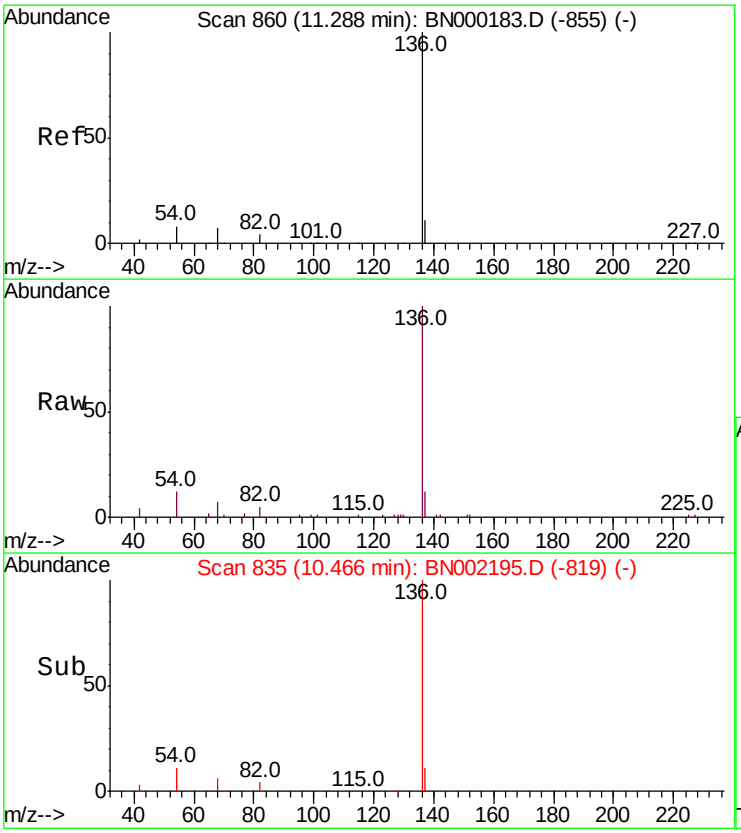
#5
Phenol-d6
Concen: 0.239 ng
RT: 6.89 min Scan# 479
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion: 99 Resp: 2103

Ion	Ratio	Lower	Upper
99	100		
42	23.0	20.2	30.2
71	37.5	28.4	42.6

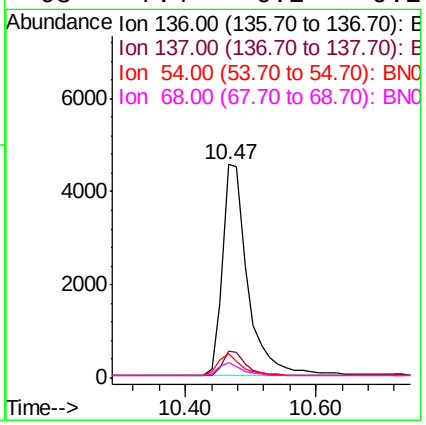


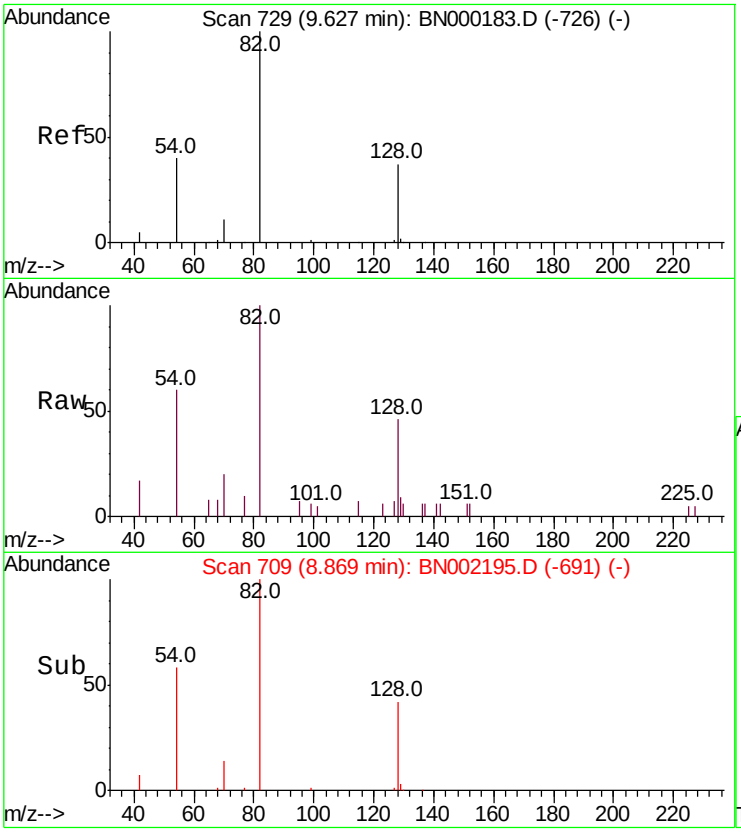


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:136 Resp: 12253

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.5	14.3
54	11.6	29.1	43.7#
68	7.4	6.2	9.2



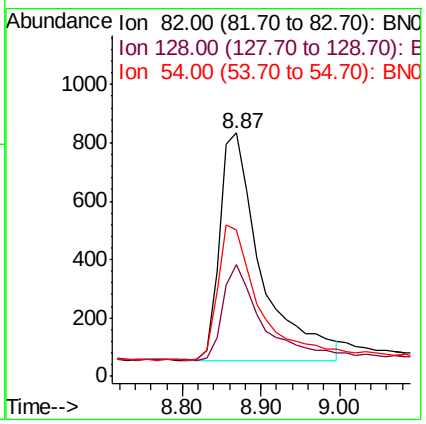


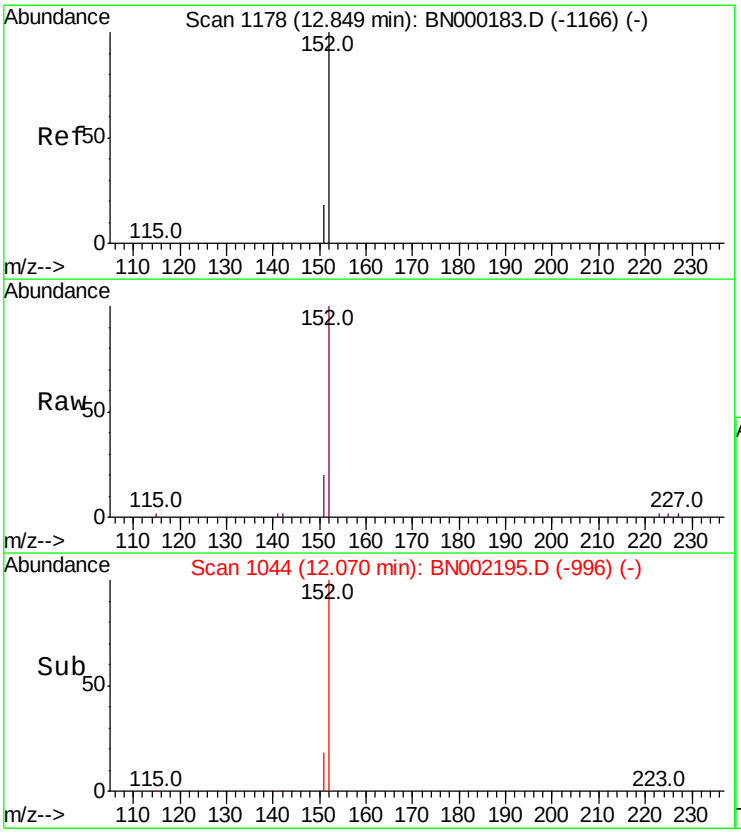
#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.87 min Scan# 709
Delta R.T. 0.03 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion: 82 Resp: 2870

Ion	Ratio	Lower	Upper
82	100		
128	45.7	150.0	225.0#
54	60.3	154.2	231.4#

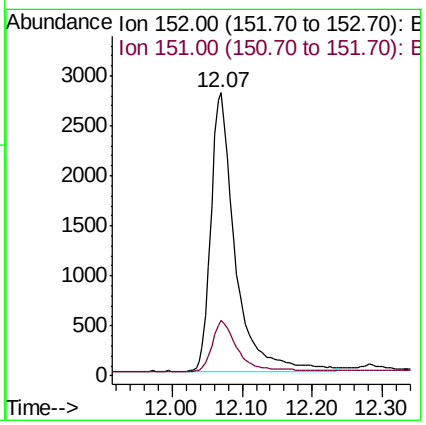


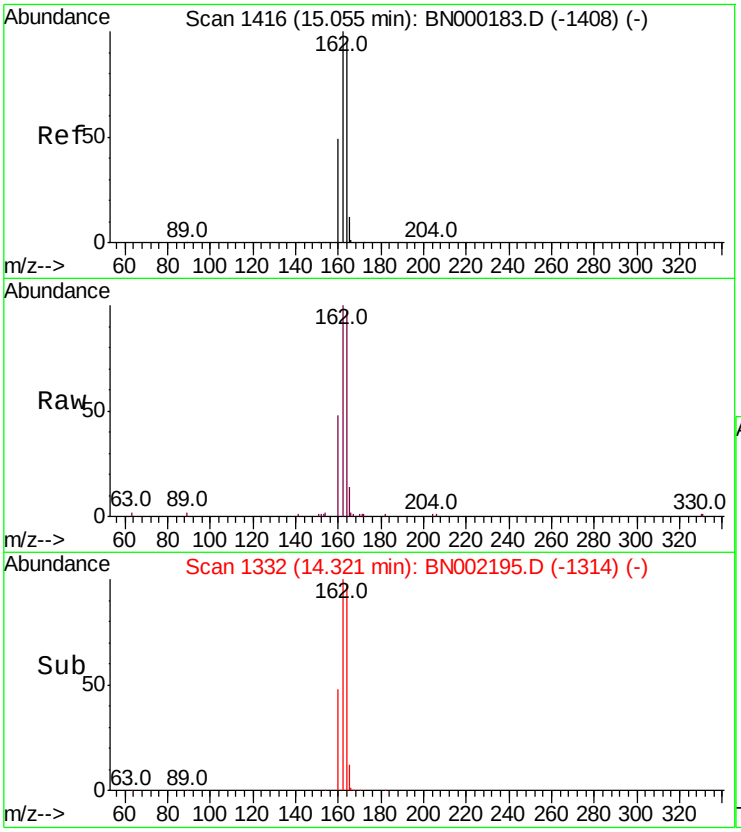


#11
2-Methylnaphthalene-d10
Concen: 0.371 ng
RT: 12.07 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:152 Resp: 6698

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0



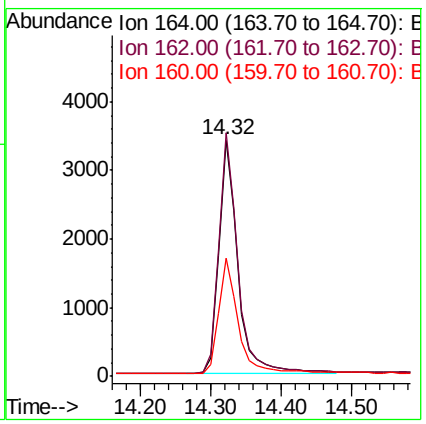


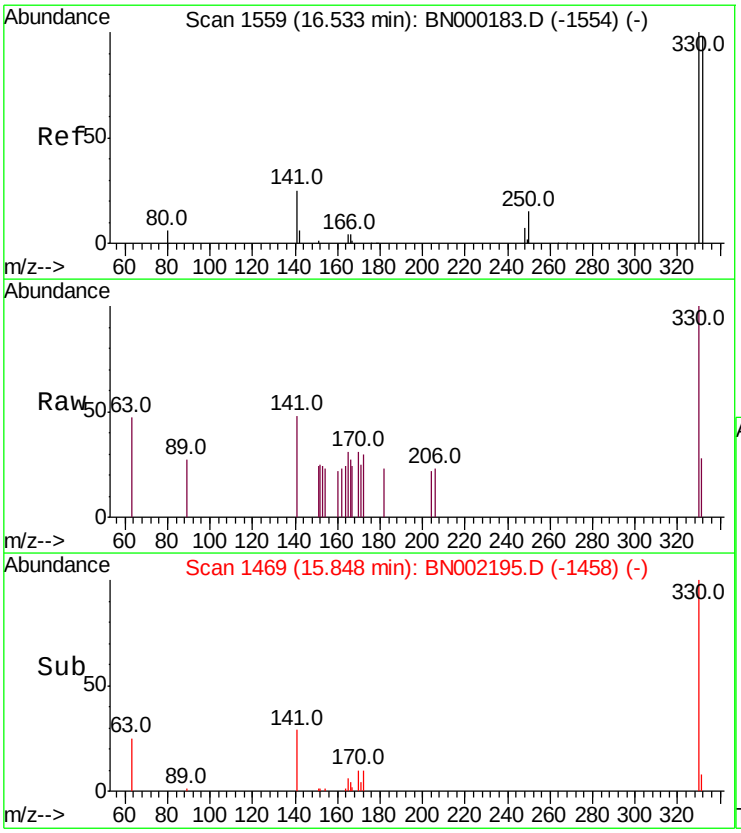
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion:164 Resp: 6449

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.1	124.7
160	49.7	37.1	55.7

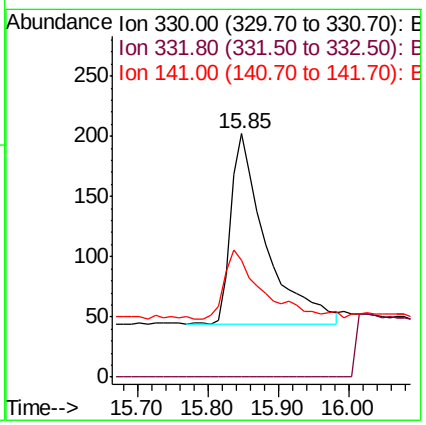


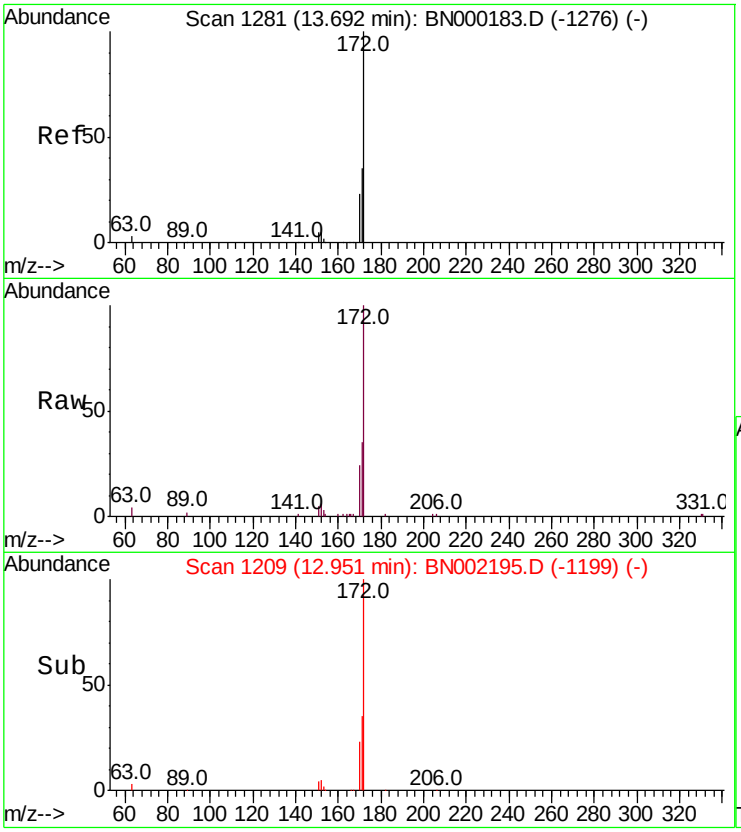


#14
2,4,6-Tribromophenol
Concen: 0.200 ng
RT: 15.85 min Scan# 1469
Delta R.T. 0.02 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:330 Resp: 552

Ion	Ratio	Lower	Upper
330	100		
332	0.0	152.7	229.1#
141	39.3	33.7	50.5



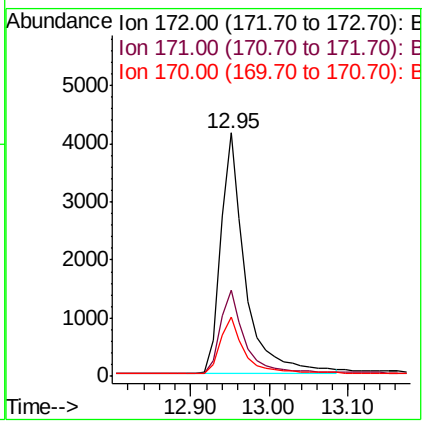


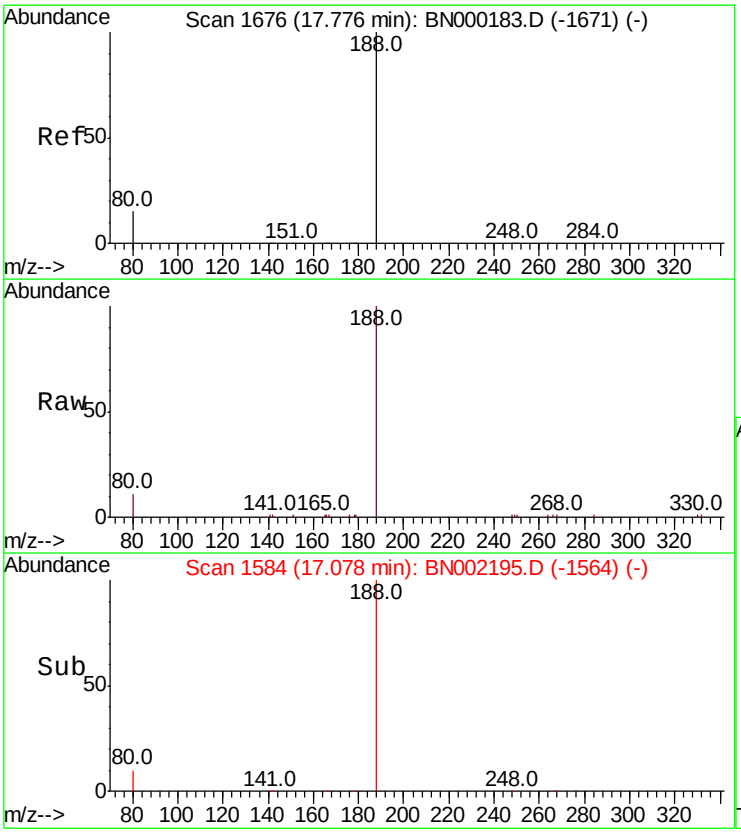
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.95 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion:172 Resp: 9076

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.9	44.9
170	24.1	21.8	32.8

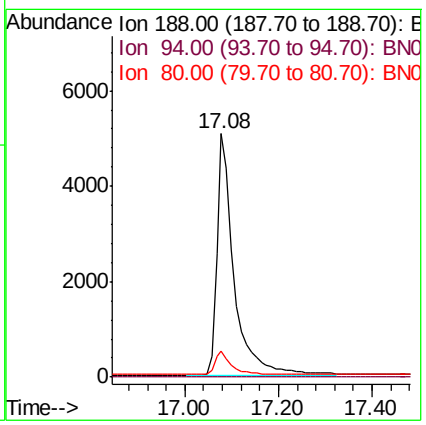


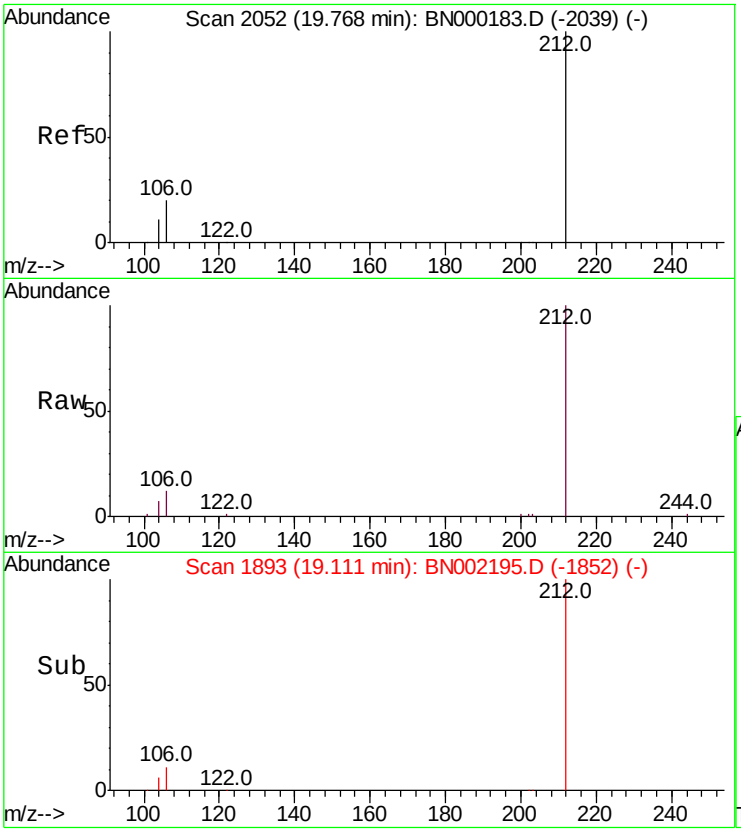


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:188 Resp: 12983

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#



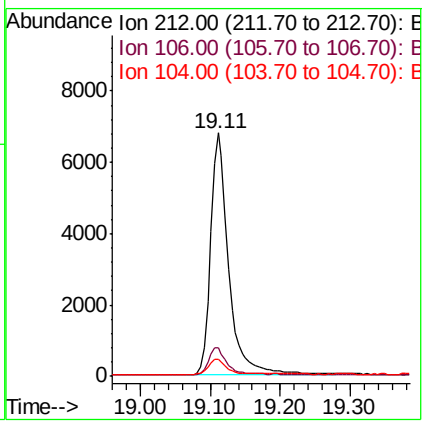


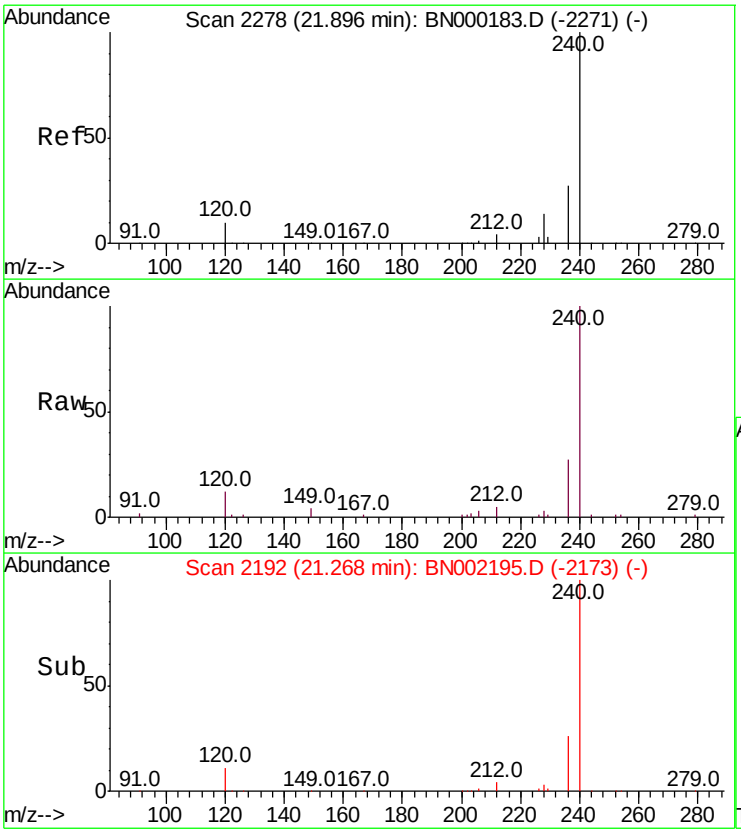
#25
Fluoranthene-d10
Concen: 0.379 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion:212 Resp: 12149

Ion	Ratio	Lower	Upper
212	100		
106	11.1	2.8	4.2#
104	6.6	1.6	2.4#

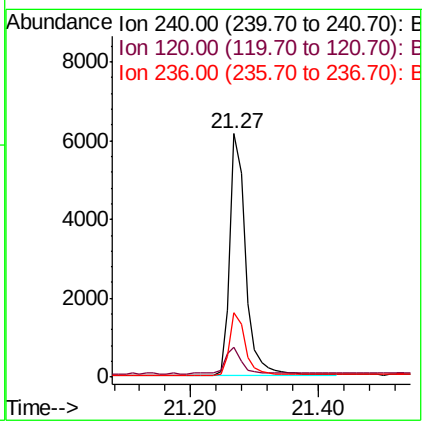


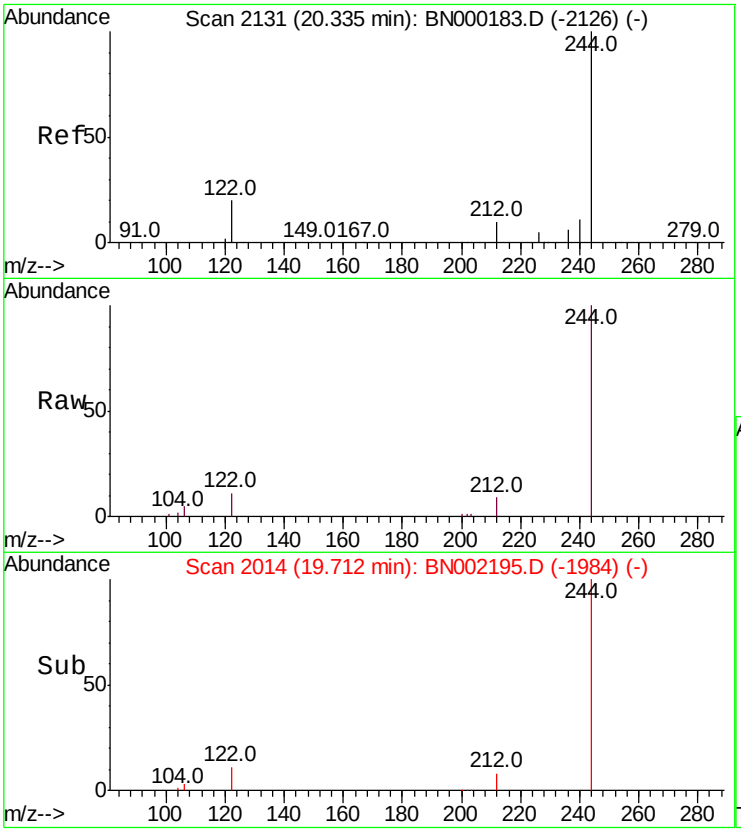


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:240 Resp: 10491

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.5	8.3#
236	26.7	20.7	31.1



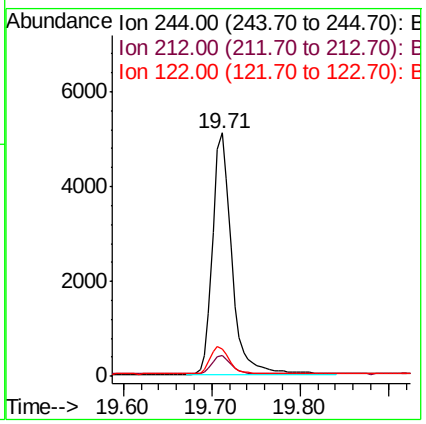


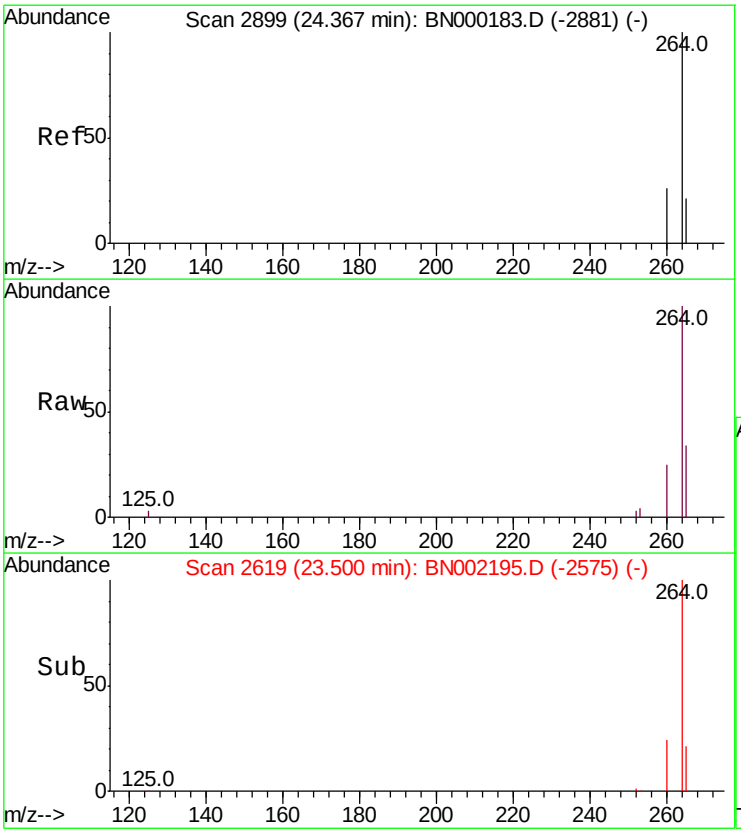
#29
Terphenyl-d14
Concen: 0.341 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Instrument :
BNA_N
ClientSampleId :
PB111184BL

Tgt Ion:244 Resp: 7649

Ion	Ratio	Lower	Upper
244	100		
212	8.7	25.4	38.0#
122	11.4	8.1	12.1





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BN002195.D
Acq: 30 Jul 2018 20:46

Tgt Ion:264 Resp: 10308

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.5	30.7
265	34.0	22.8	34.2