Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082620\
Data File : BN011645.D
Acq On : 26 Aug 2020 15:08
Operator : CG/JU
Sample : PB131179BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131179BL

Quant Time: Aug 26 15:50:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	2067	0.40	ng	-0.02
7) Naphthalene-d8	10.53	136	7864	0.40	ng	-0.01
13) Acenaphthene-d10	14.38	164	4475	0.40	ng	-0.01
19) Phenanthrene-d10	17.13	188	9772	0.40	ng	-0.01
29) Chrysene-d12	21.32	240	9704	0.40	ng	-0.01
36) Perylene-d12	23.58	264	11237	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1758	0.27	ng	0.00
5) Phenol-d6	6.91	99	2191	0.23	ng	0.00
8) Nitrobenzene-d5	8.89	82	2158	0.32	ng	-0.01
11) 2-Methylnaphthalene-d10	12.13	152	3711	0.25	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	251	0.10	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	5138	0.29	ng	-0.01
27) Fluoranthene-d10	19.17	212	8062	0.25	ng	0.00
31) Terphenyl-d14	19.77	244	7153	0.29	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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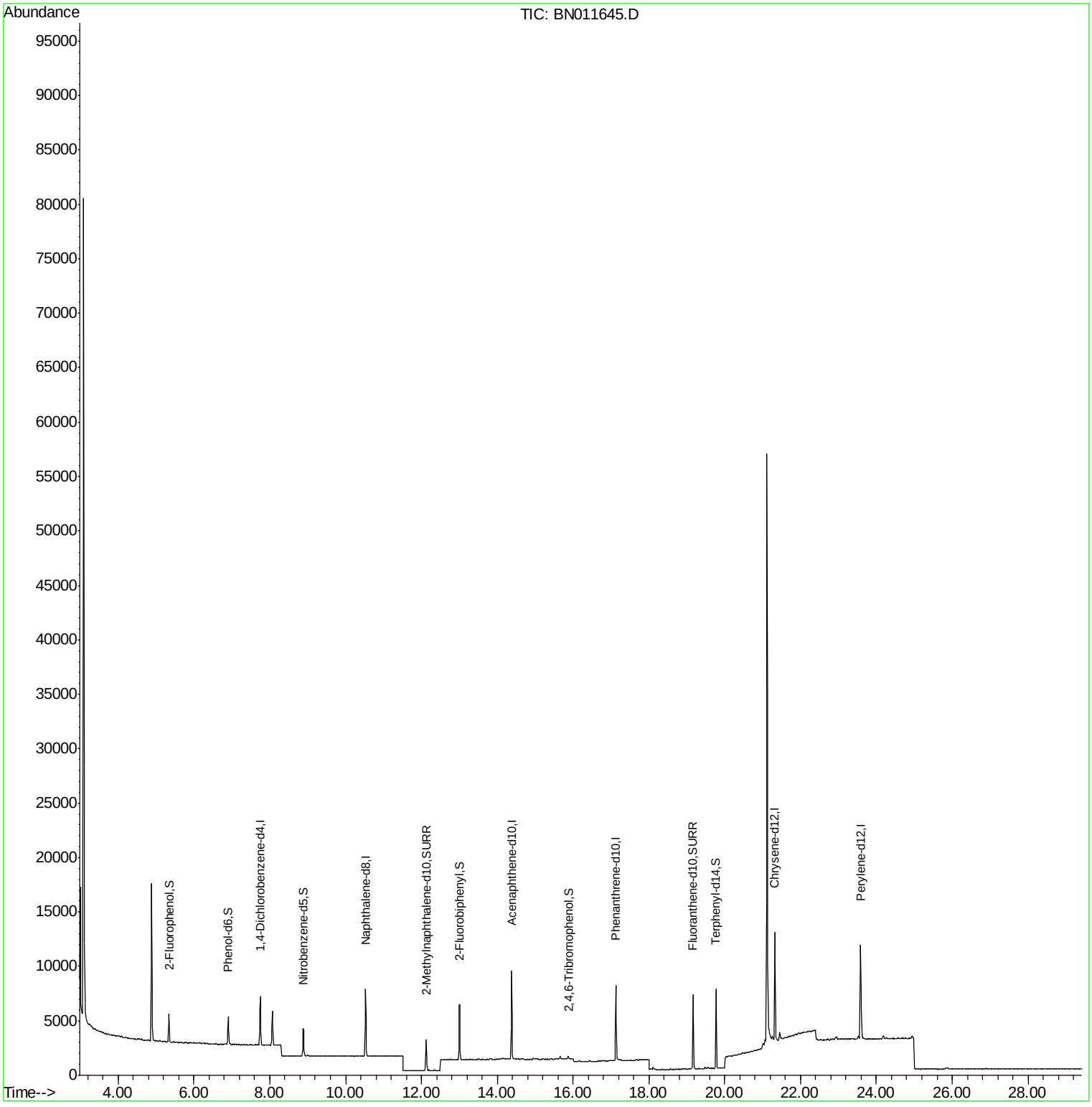
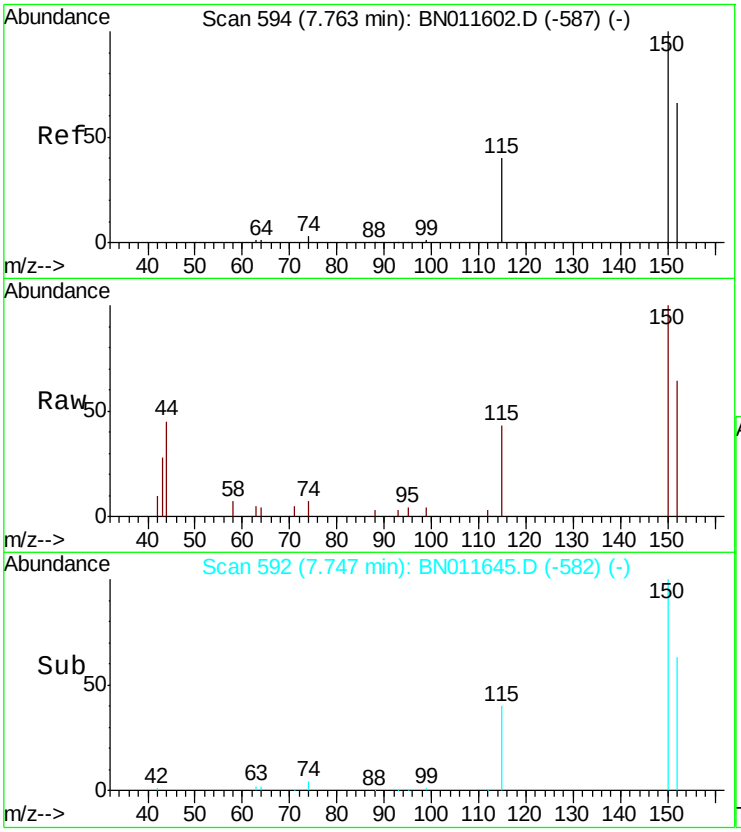
Response via : Initial Calibration



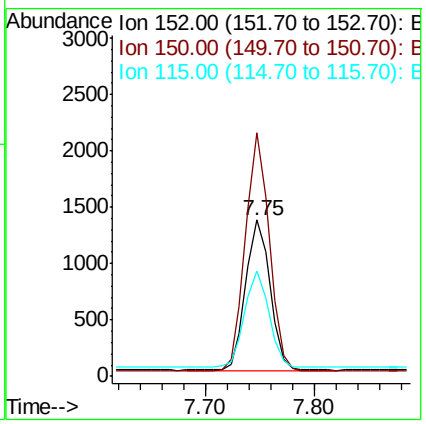


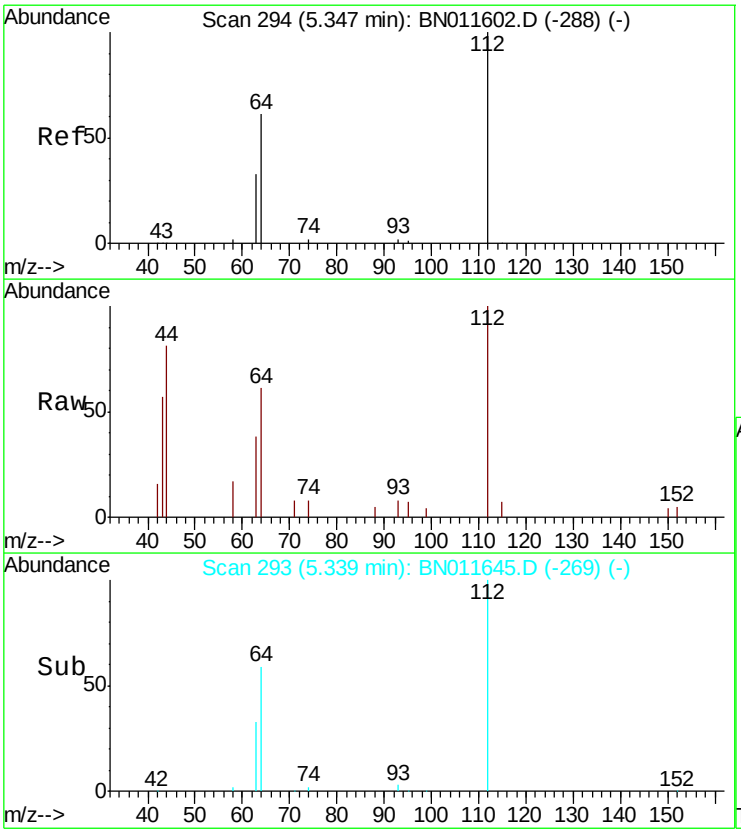
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. -0.02 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tgt Ion:152 Resp: 2067

Ion	Ratio	Lower	Upper
152	100		
150	155.6	112.4	168.6
115	67.6	56.9	85.3

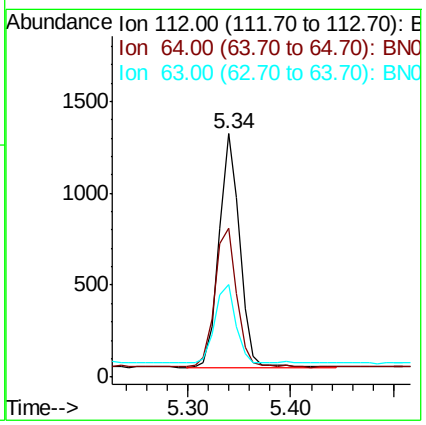


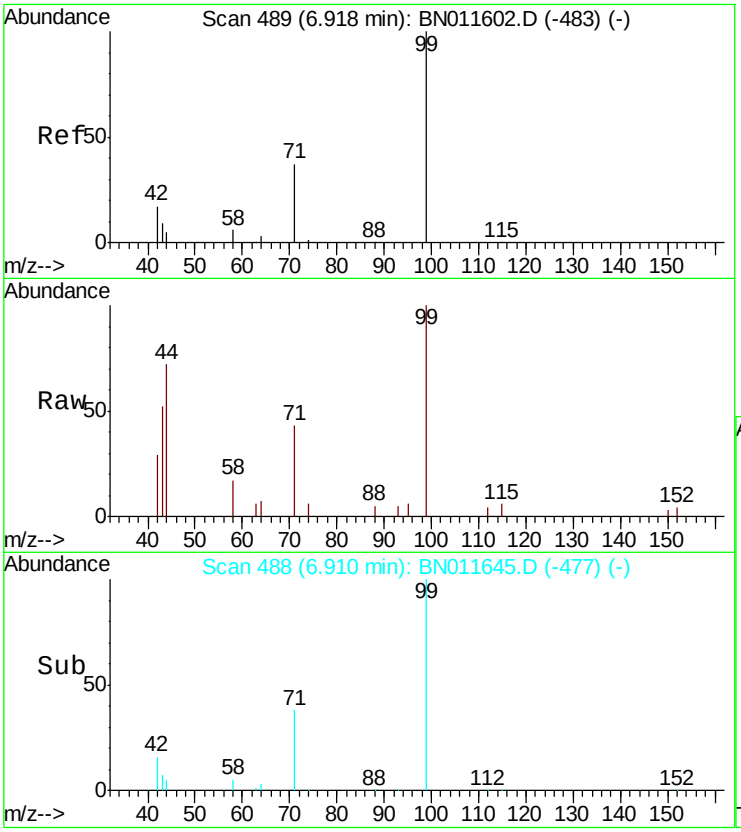


#4
2-Fluorophenol
Concen: 0.266 ng
RT: 5.34 min Scan# 293
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:112 Resp: 1758

Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.6	74.4
63	34.2	26.4	39.6



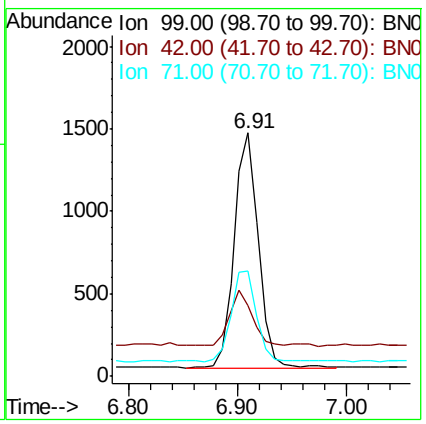


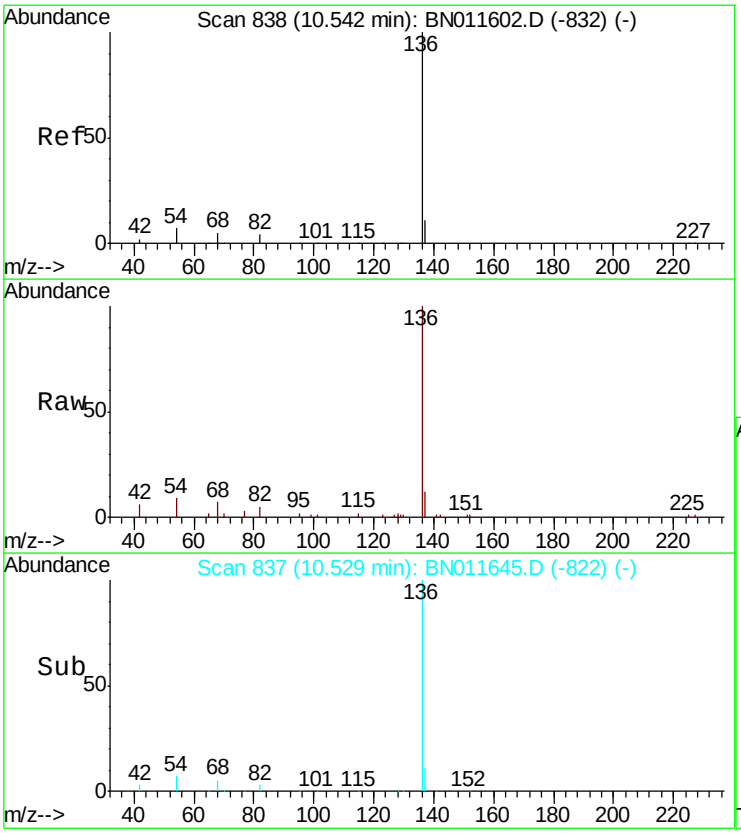
#5
Phenol-d6
Concen: 0.234 ng
RT: 6.91 min Scan# 488
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tgt Ion: 99 Resp: 2191

Ion	Ratio	Lower	Upper
99	100		
42	22.2	0.0	0.0#
71	41.1	0.0	0.0#

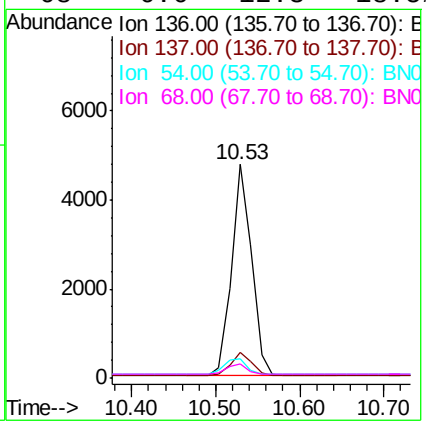


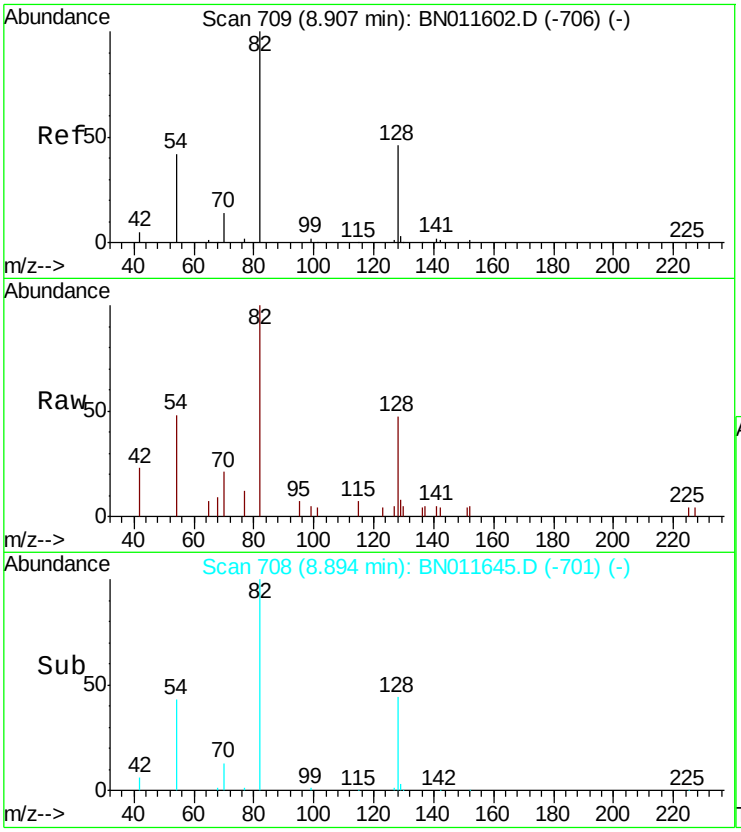


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:136 Resp: 7864

Ion	Ratio	Lower	Upper
136	100		
137	12.0	11.5	17.3
54	8.8	11.9	17.9#
68	6.6	12.3	18.5#



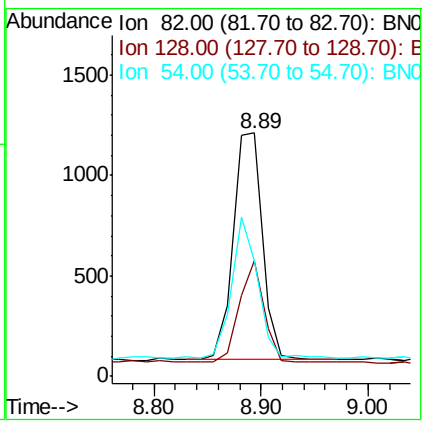


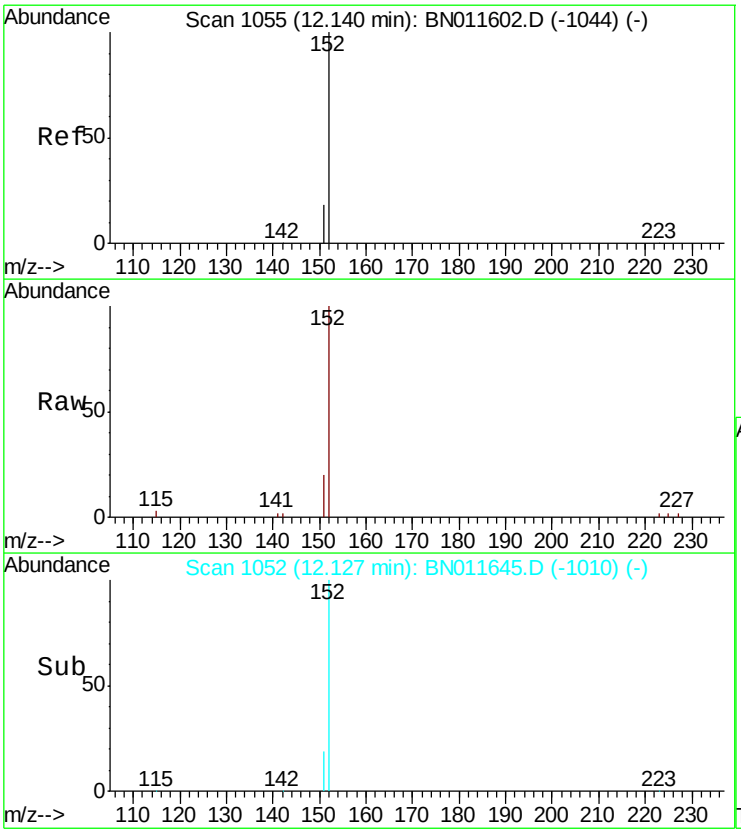
#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.89 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tgt Ion: 82 Resp: 2158

Ion	Ratio	Lower	Upper
82	100		
128	47.4	31.1	46.7#
54	47.6	37.1	55.7

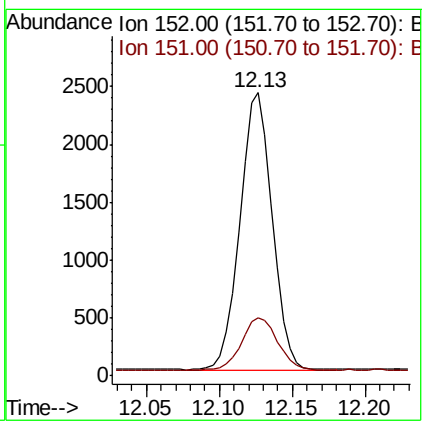


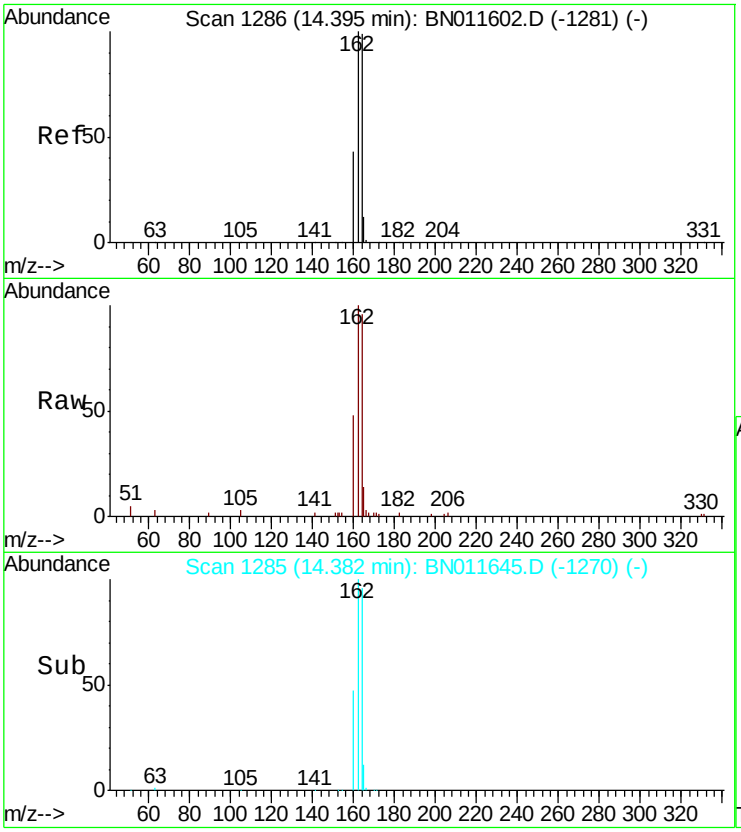


#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.13 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:152 Resp: 3711

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6



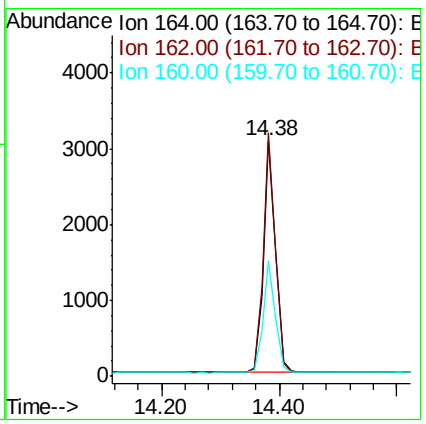


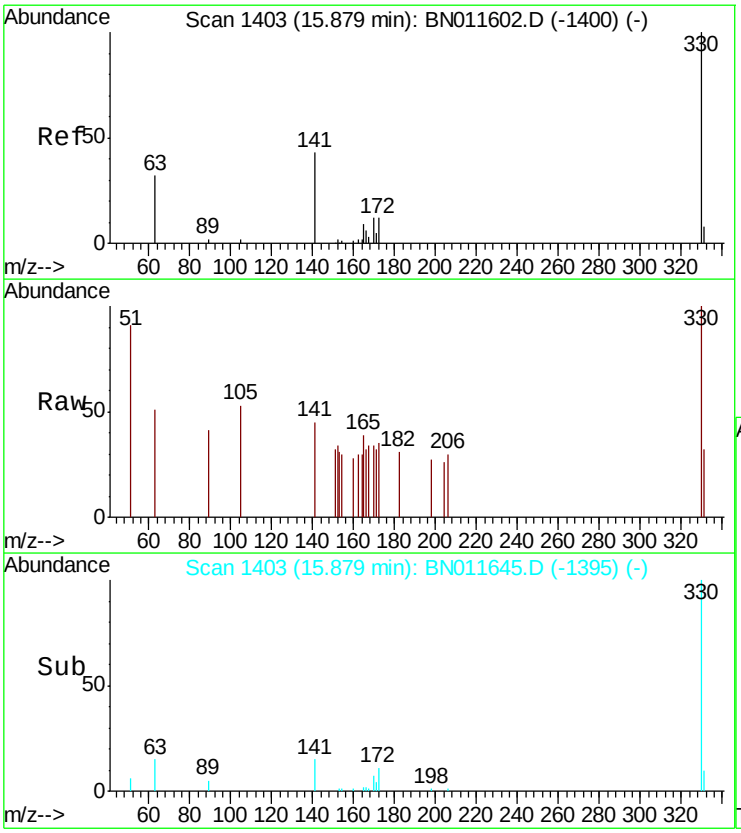
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument : BNA_N
ClientSampleId : PB131179BL

Tgt Ion:164 Resp: 4475

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.8	121.2
160	49.4	35.6	53.4

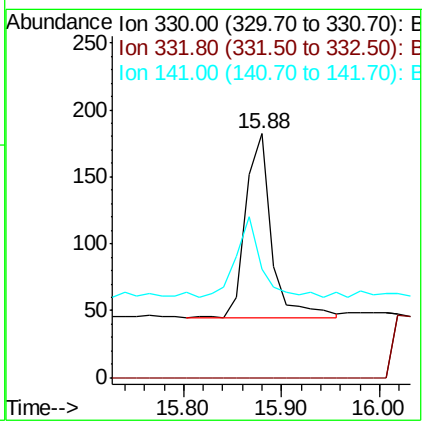


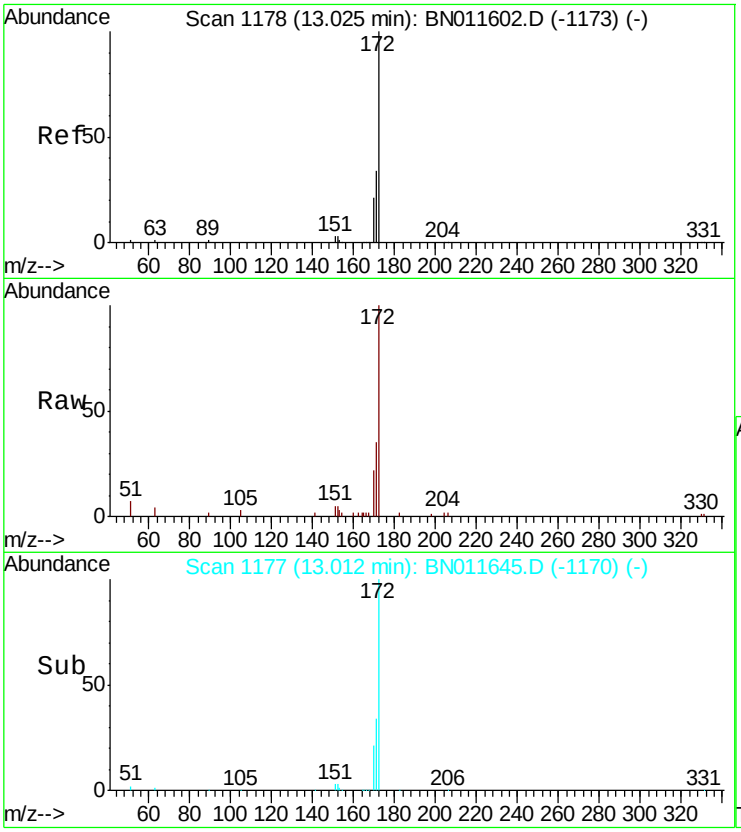


#14
2,4,6-Tribromophenol
Concen: 0.102 ng
RT: 15.88 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:330 Resp: 251

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.8	29.4	44.2



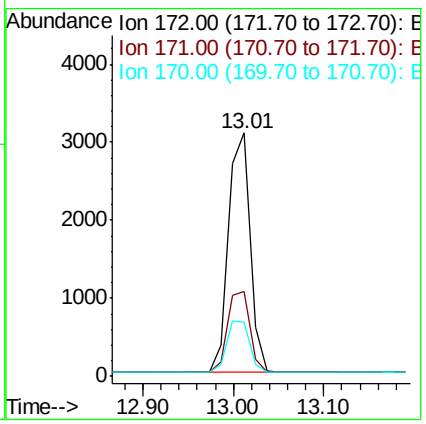


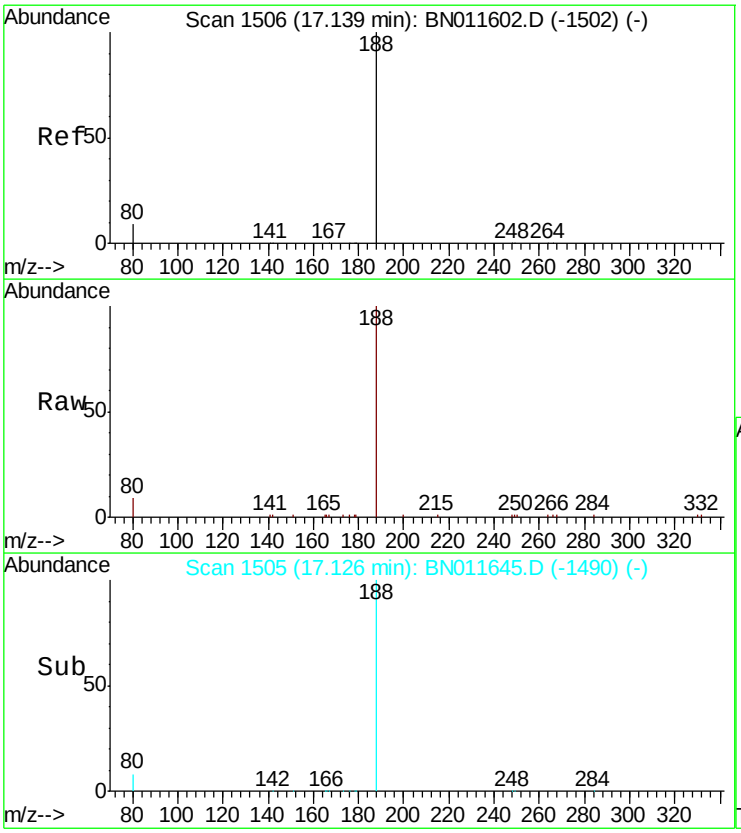
#15
2-Fluorobiphenyl
Concen: 0.295 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tgt Ion:172 Resp: 5138

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	42.8
170	22.2	18.2	27.2

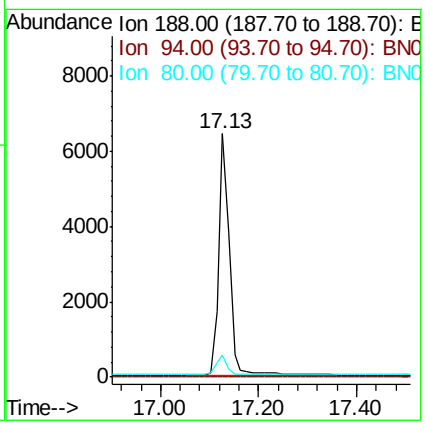


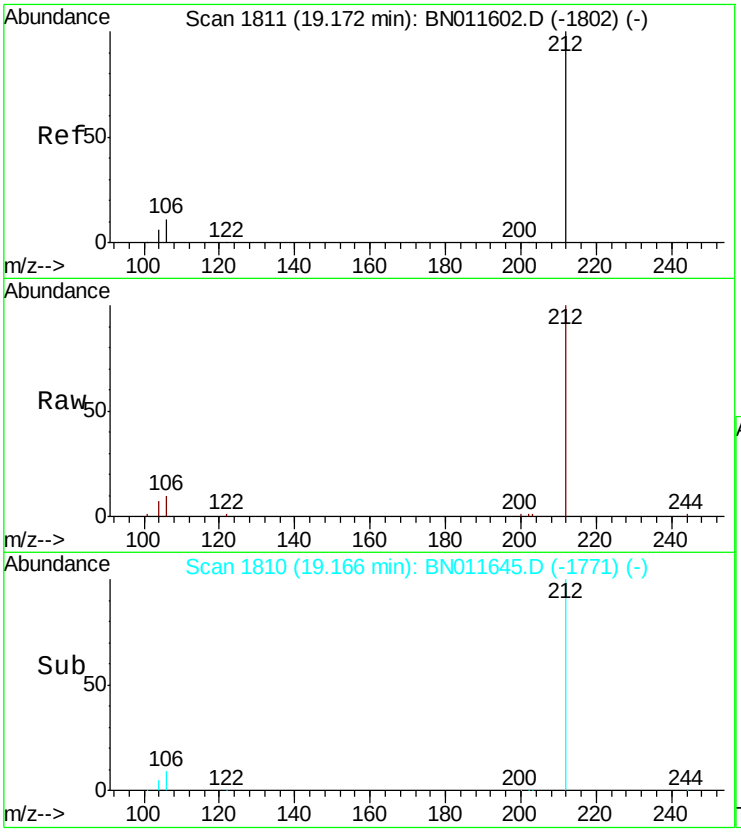


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:188 Resp: 9772

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	9.2	13.8#



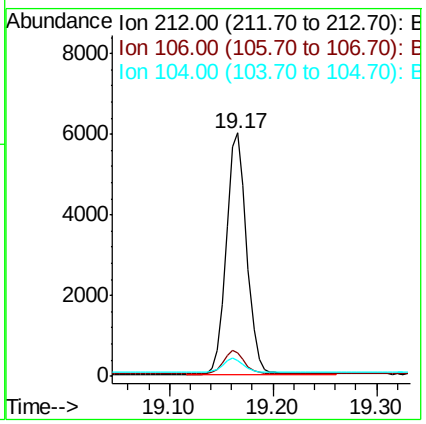


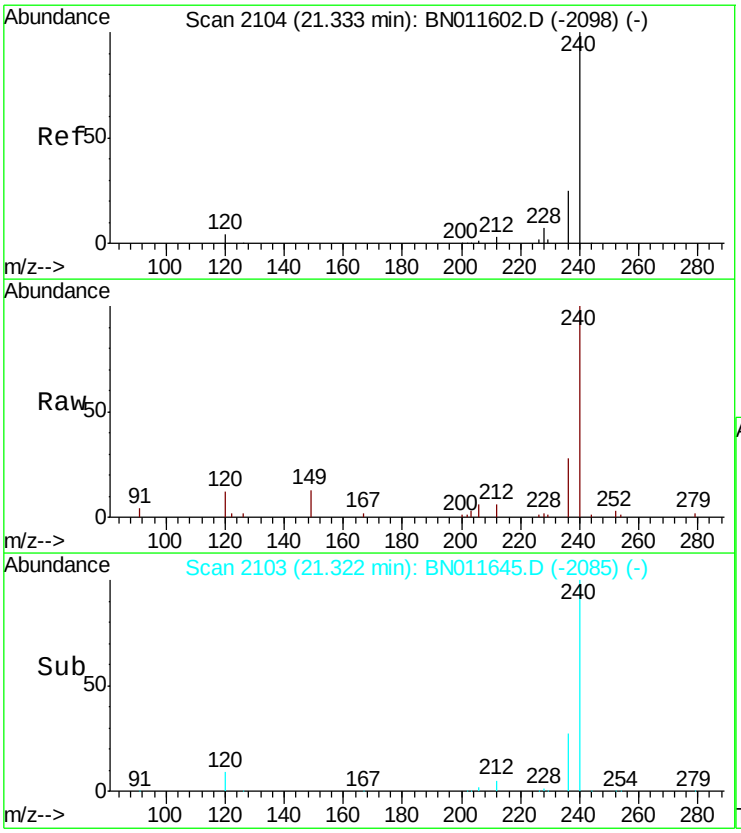
#27
Fluoranthene-d10
Concen: 0.253 ng
RT: 19.17 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tgt Ion:212 Resp: 8062

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.9	13.3
104	5.8	5.3	7.9

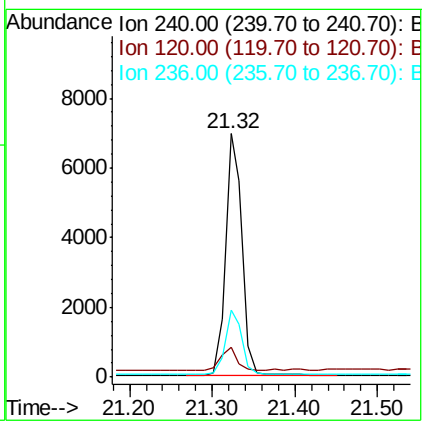


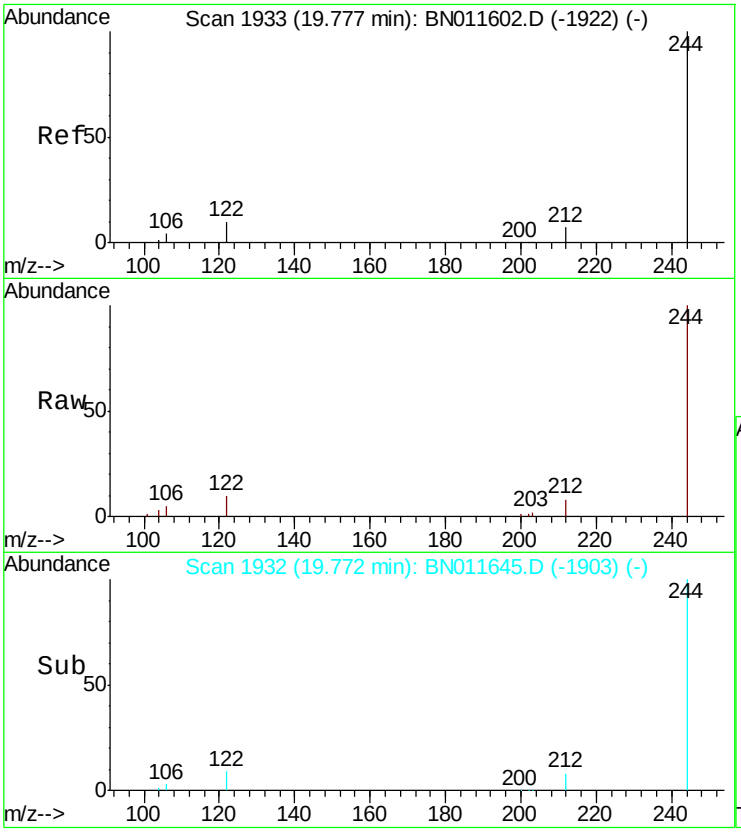


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:240 Resp: 9704

Ion	Ratio	Lower	Upper
240	100		
120	12.3	6.0	9.0#
236	27.7	20.8	31.2



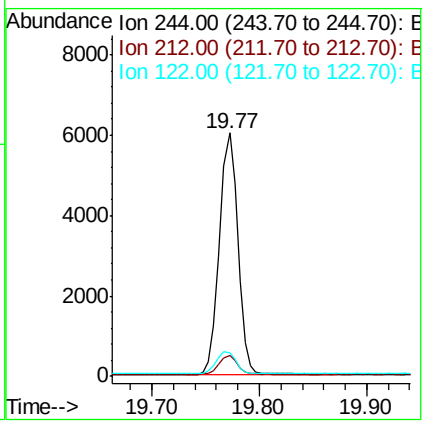


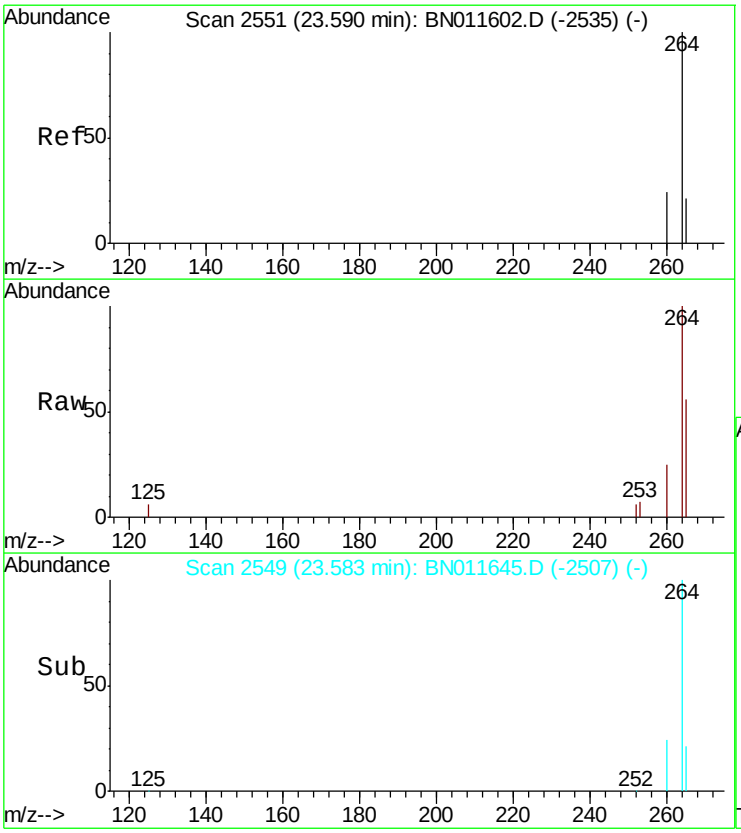
#31
Terphenyl-d14
Concen: 0.288 ng
RT: 19.77 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Instrument :
BNA_N
ClientSampleId :
PB131179BL

Tgt Ion:244 Resp: 7153

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	9.9	9.5	14.3





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2549
Delta R.T. -0.01 min
Lab File: BN011645.D
Acq: 26 Aug 2020 15:08

Tgt Ion:264 Resp: 11237

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	56.4	40.7	61.1