Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010885.D
Acq On : 16 Jun 2020 01:25
Operator : CG/JU
Sample : PB129516BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129516BL

Quant Time: Jun 16 03:30:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2836	0.40	ng	0.00
7) Naphthalene-d8	10.30	136	9353	0.40	ng	0.00
13) Acenaphthene-d10	14.18	164	4599	0.40	ng	0.01
19) Phenanthrene-d10	16.93	188	9030	0.40	ng	0.01
27) Chrysene-d12	21.13	240	7947	0.40	ng	0.00
34) Perylene-d12	23.28	264	5877	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.20	112	2553	0.47	ng	0.00
5) Phenol-d6	6.75	99	2562	0.40	ng	0.00
8) Nitrobenzene-d5	8.69	82	2824	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	11.91	152	5131	0.35	ng	0.01
14) 2,4,6-Tribromophenol	15.70	330	555	0.34	ng	0.02
15) 2-Fluorobiphenyl	12.80	172	7719	0.43	ng	0.01
25) Fluoranthene-d10	18.96	212	8971	0.36	ng	0.00
29) Terphenyl-d14	19.57	244	8530	0.46	ng	0.00
Target Compounds						Qvalue

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

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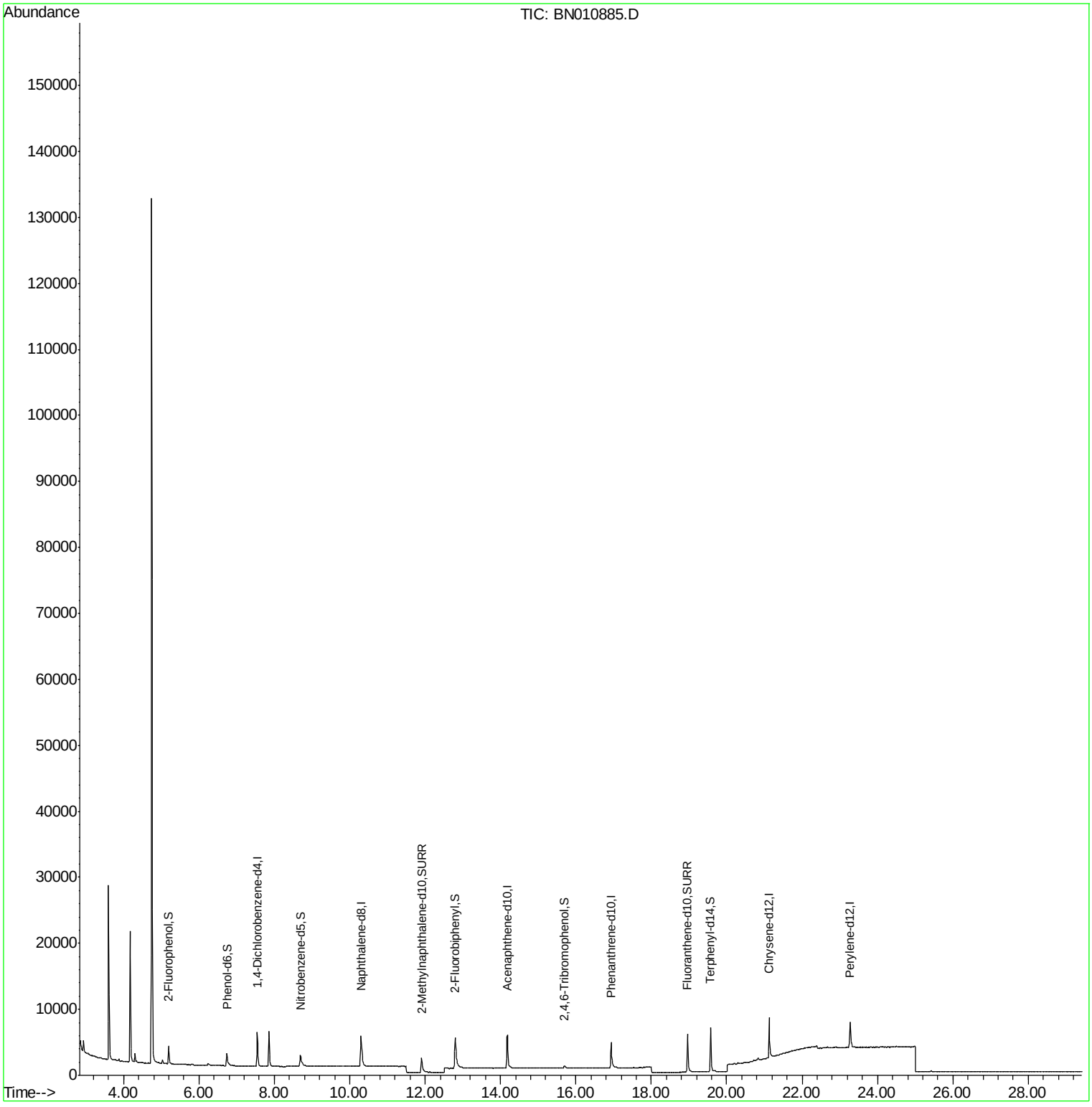
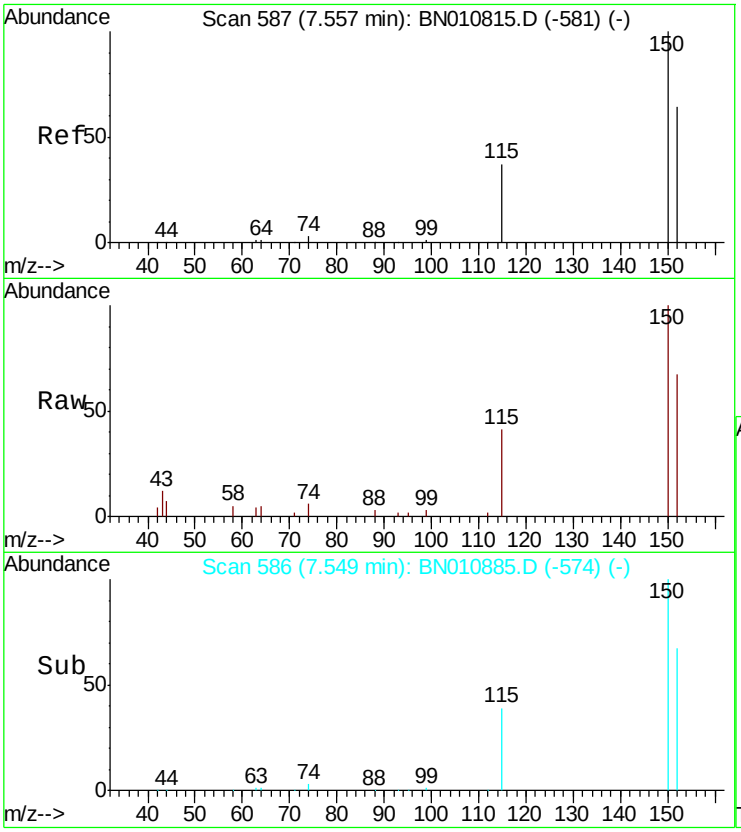


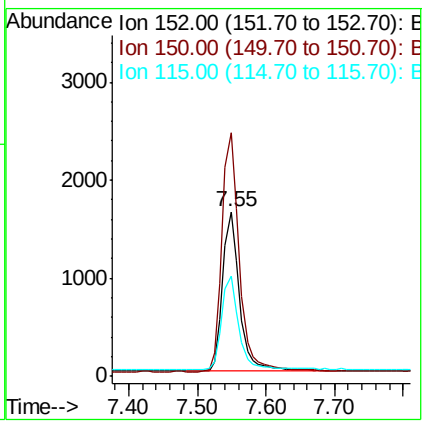


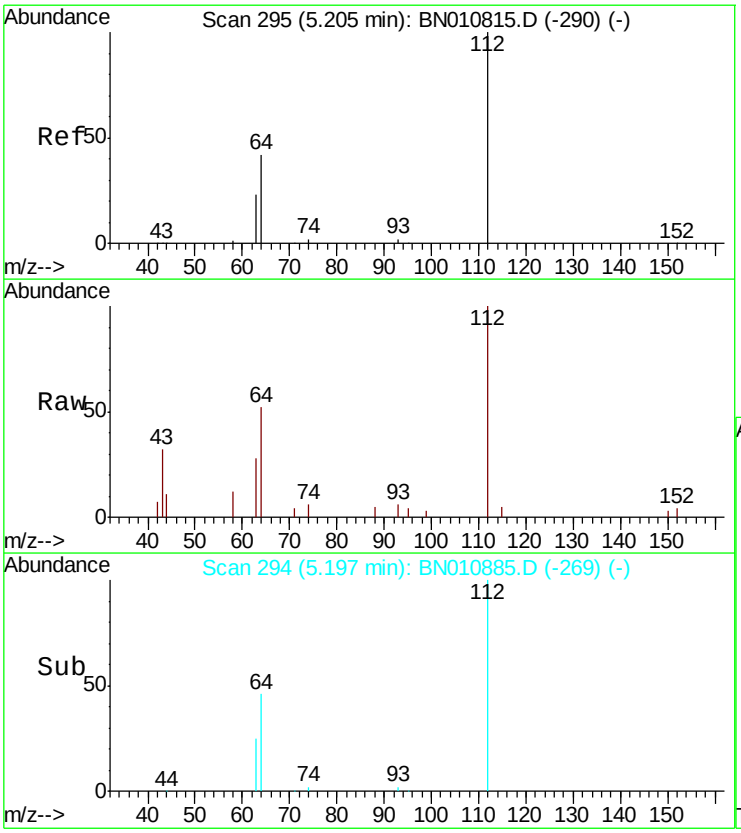
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion:152 Resp: 2836

Ion	Ratio	Lower	Upper
152	100		
150	148.2	123.8	185.6
115	60.8	49.2	73.8

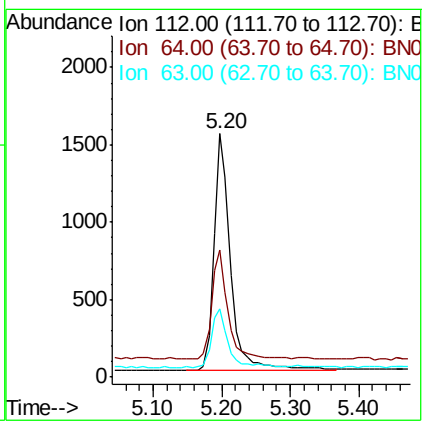


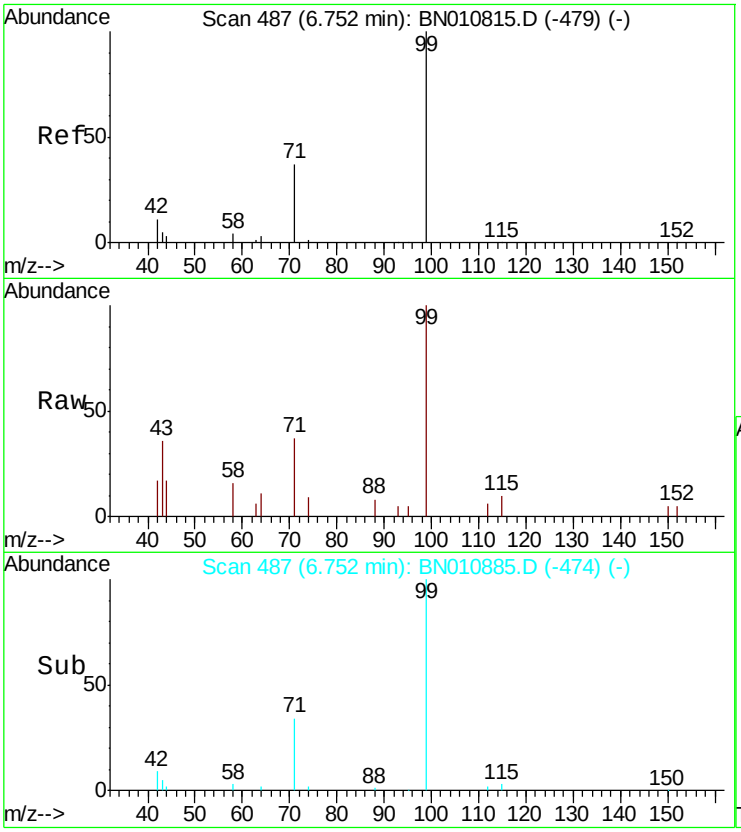


#4
2-Fluorophenol
Concen: 0.466 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:112 Resp: 2553

Ion	Ratio	Lower	Upper
112	100		
64	44.6	37.4	56.0
63	25.2	22.2	33.4



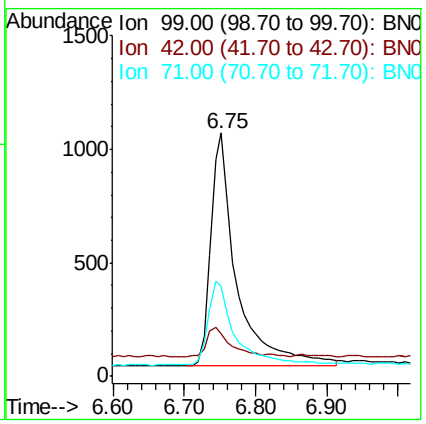


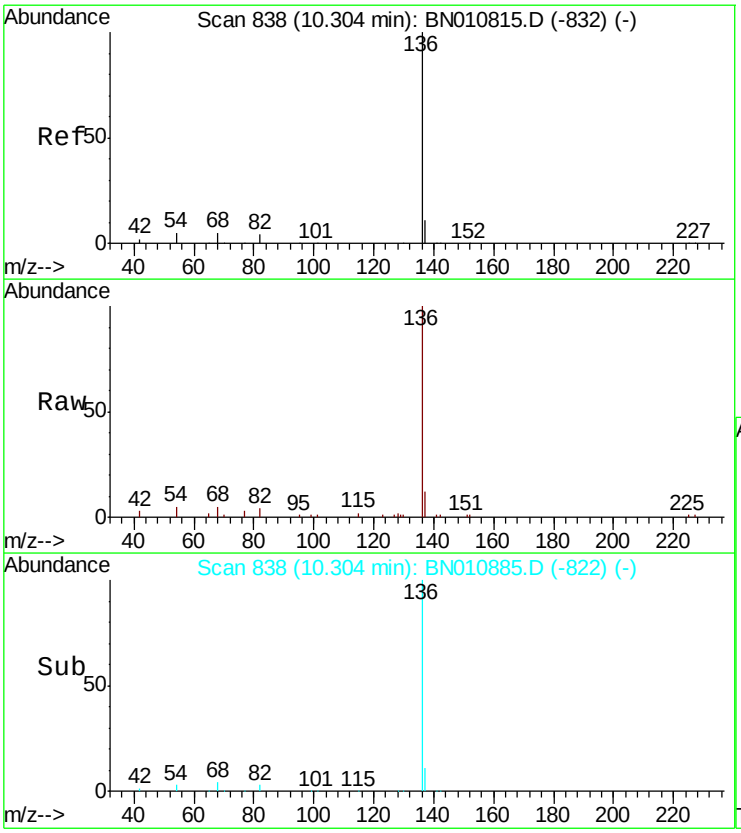
#5
Phenol-d6
Concen: 0.397 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion: 99 Resp: 2562

Ion	Ratio	Lower	Upper
99	100		
42	12.8	11.1	16.7
71	37.7	31.4	47.2

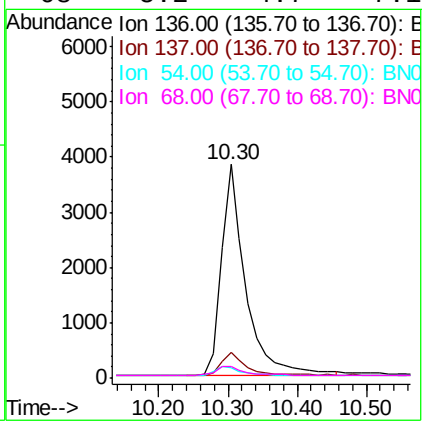


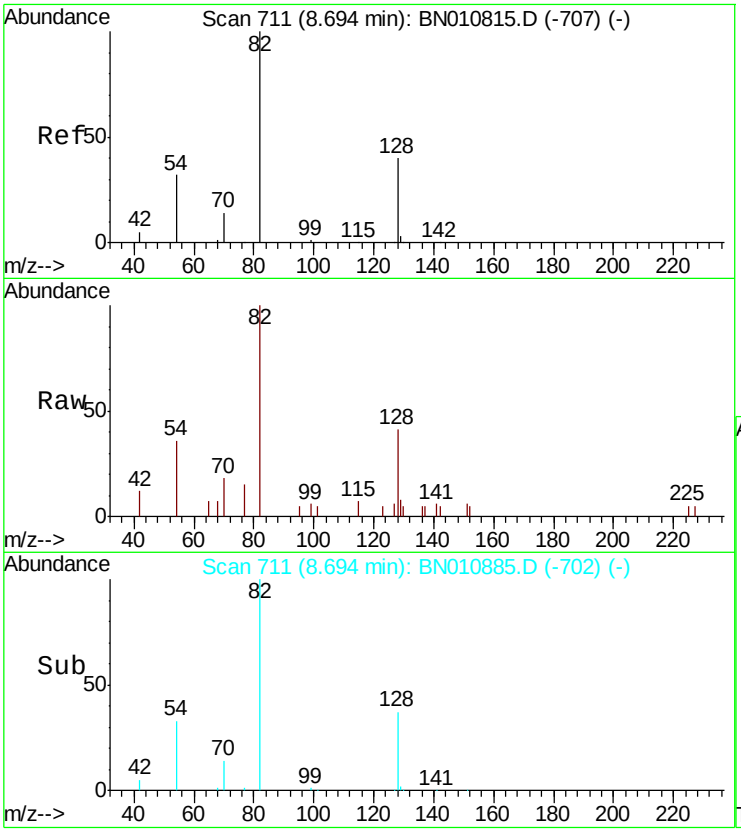


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:136 Resp: 9353

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	4.7	4.9	7.3#
68	5.2	4.7	7.1



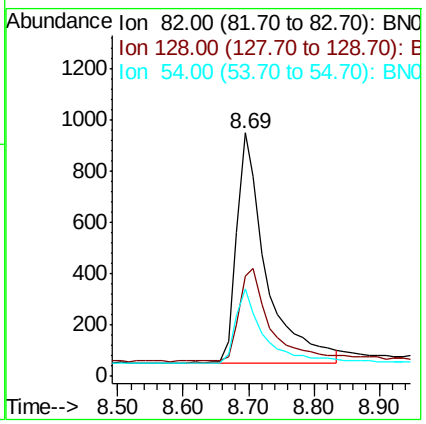


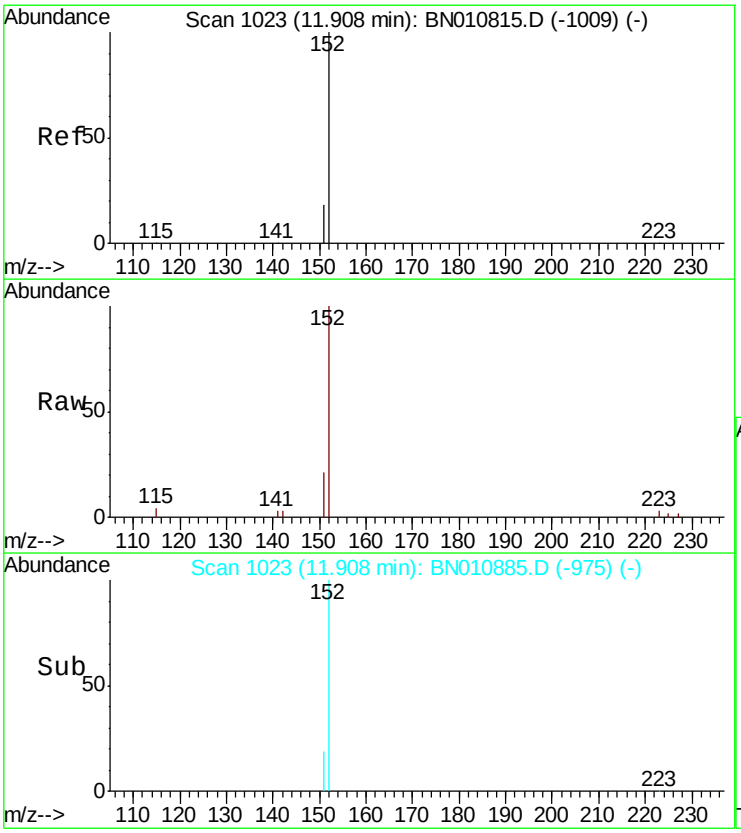
#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion: 82 Resp: 2824

Ion	Ratio	Lower	Upper
82	100		
128	41.2	35.4	53.0
54	36.1	28.2	42.4

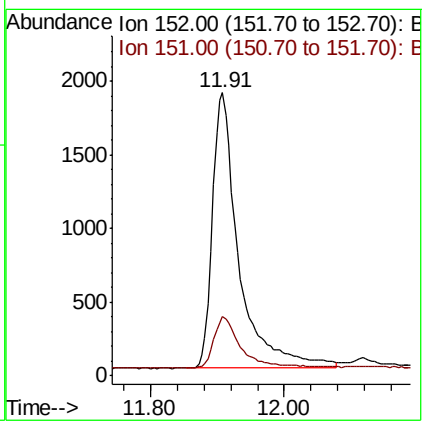


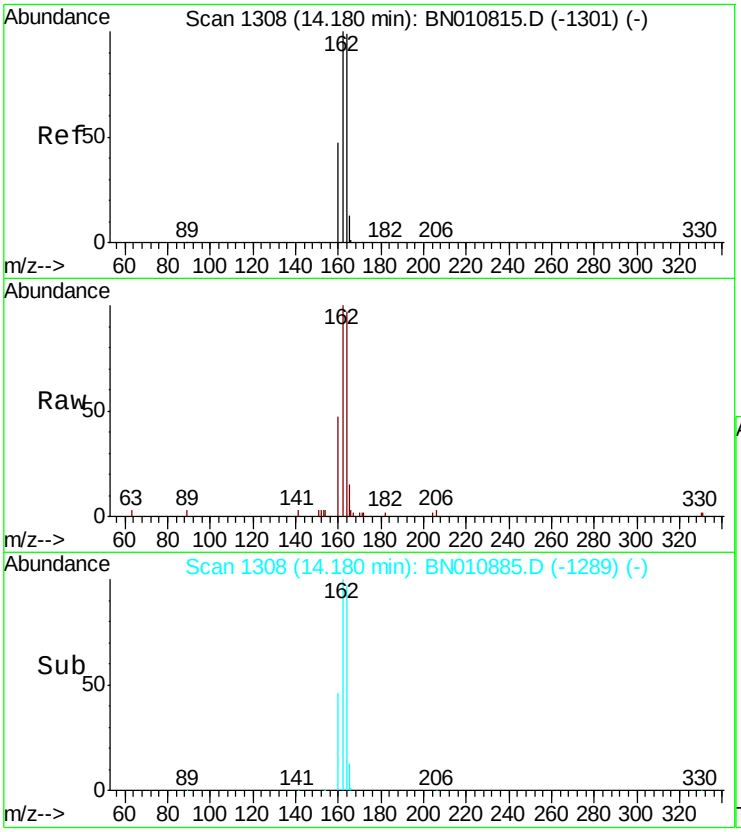


#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.91 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:152 Resp: 5131

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9



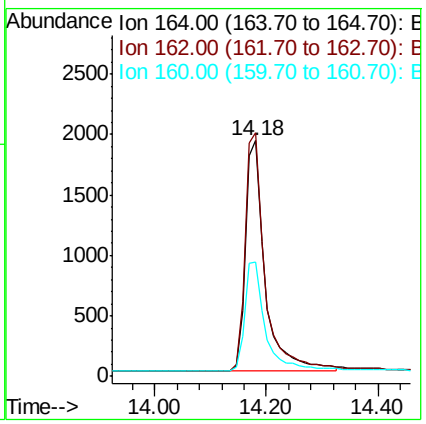


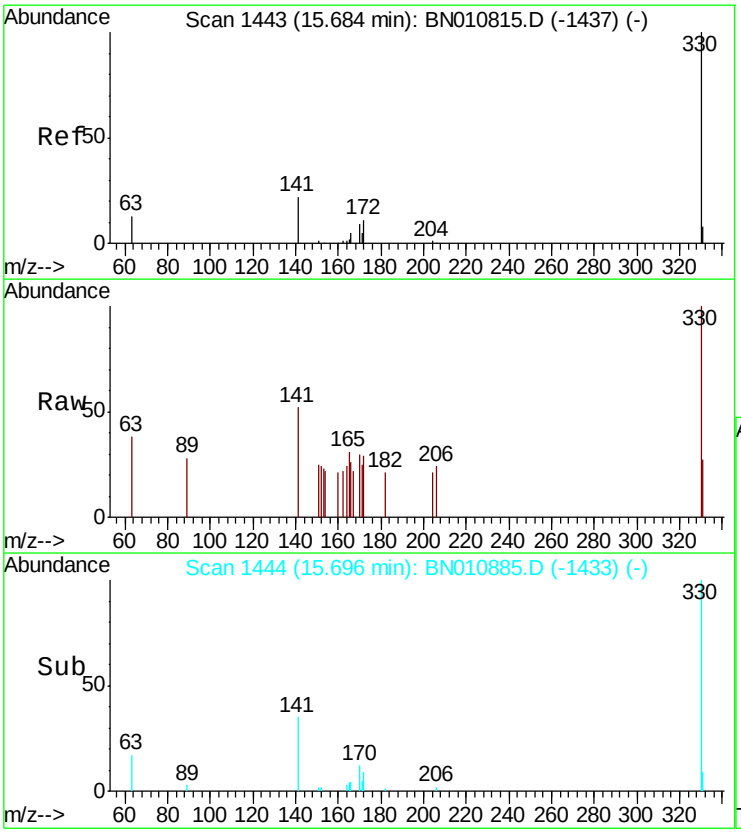
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion:164 Resp: 4599

Ion	Ratio	Lower	Upper
164	100		
162	103.3	81.0	121.6
160	48.5	38.9	58.3

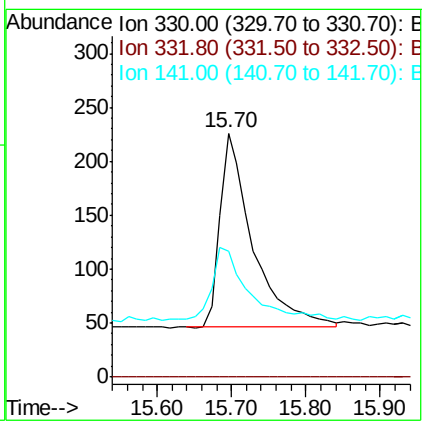


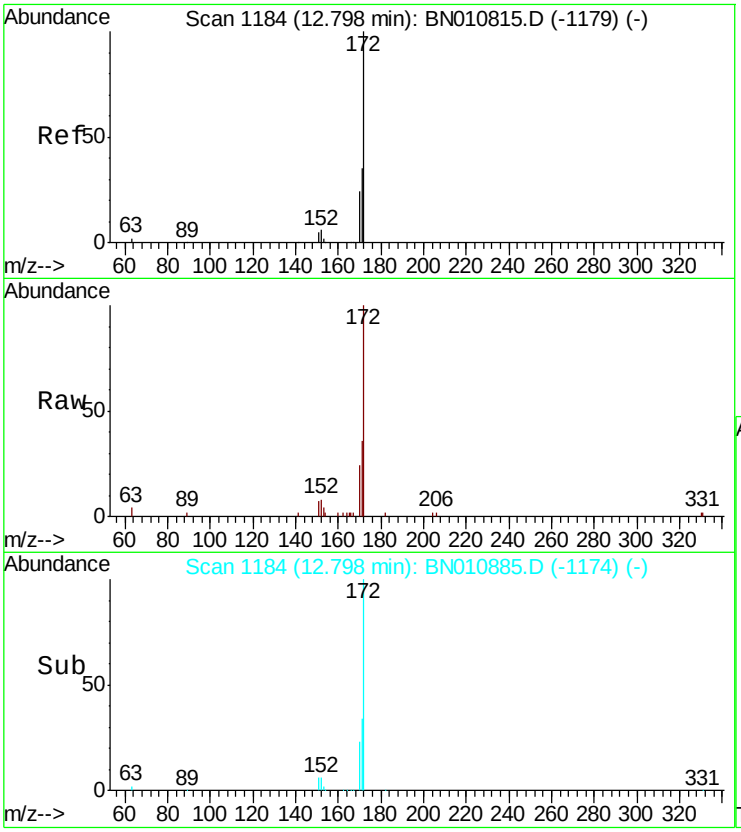


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.70 min Scan# 1444
Delta R.T. 0.02 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:330 Resp: 555

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.9	33.2	49.8



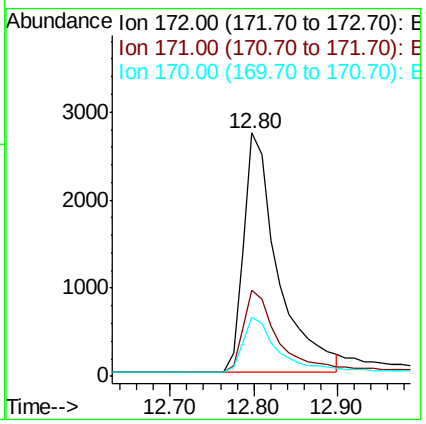


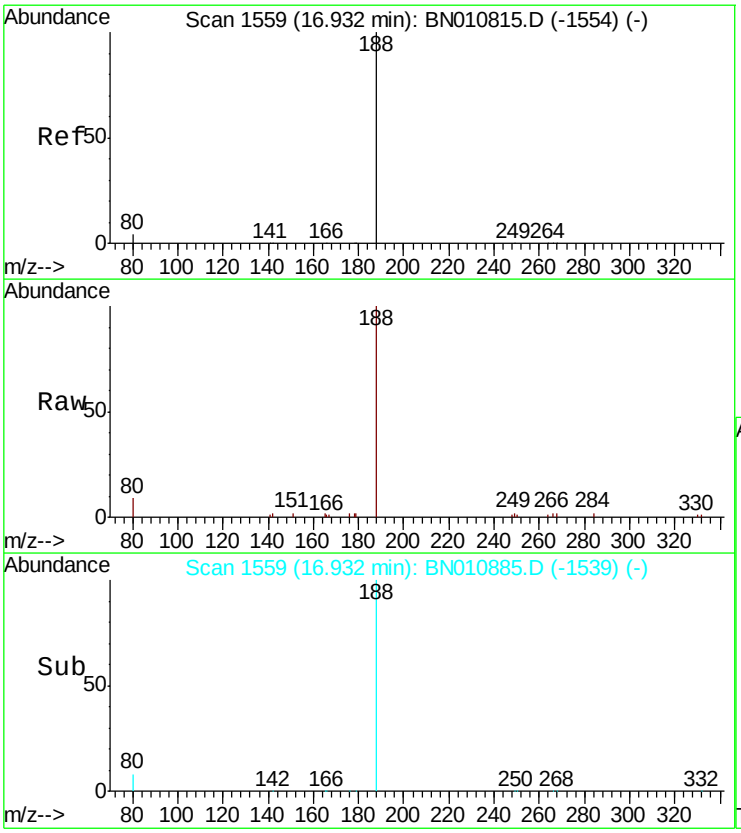
#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 12.80 min Scan# 1184
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion:172 Resp: 7719

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	24.4	19.7	29.5

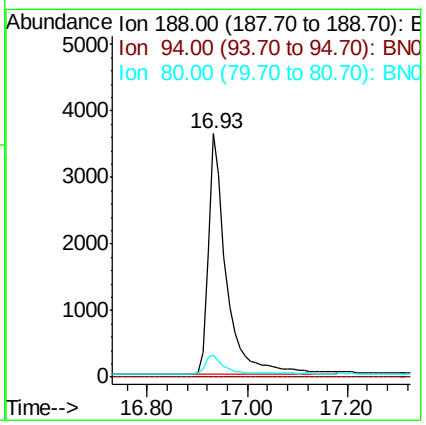


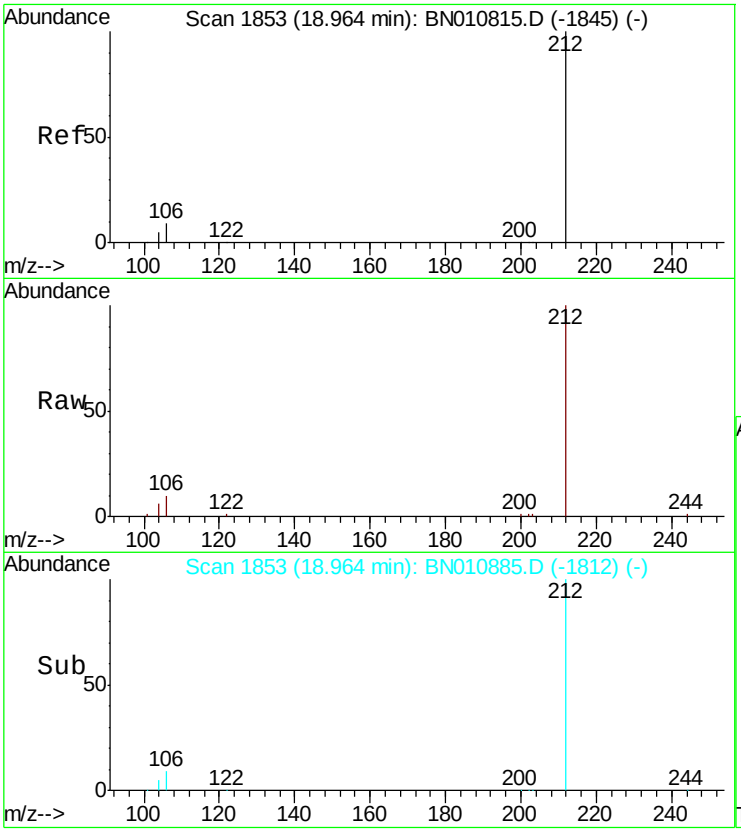


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:188 Resp: 9030

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.3	4.5	6.7#



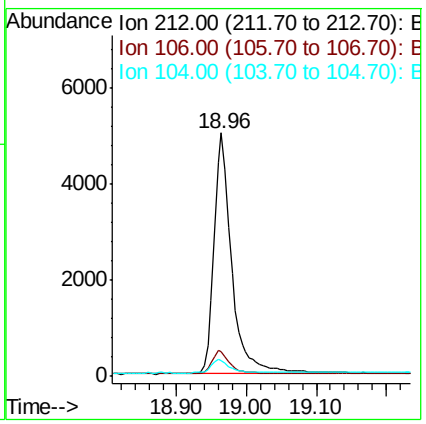


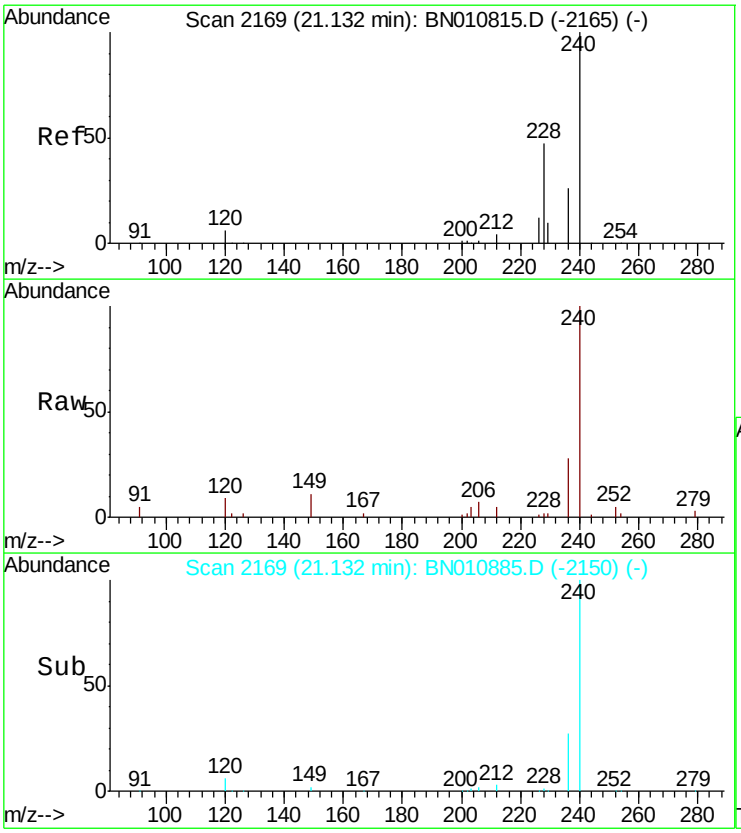
#25
Fluoranthene-d10
Concen: 0.360 ng
RT: 18.96 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion:212 Resp: 8971

Ion	Ratio	Lower	Upper
212	100		
106	9.5	6.6	10.0
104	6.1	4.0	6.0#

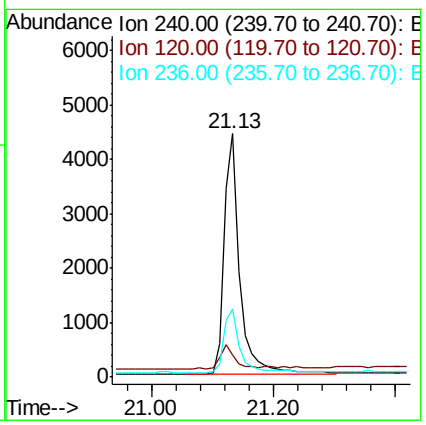


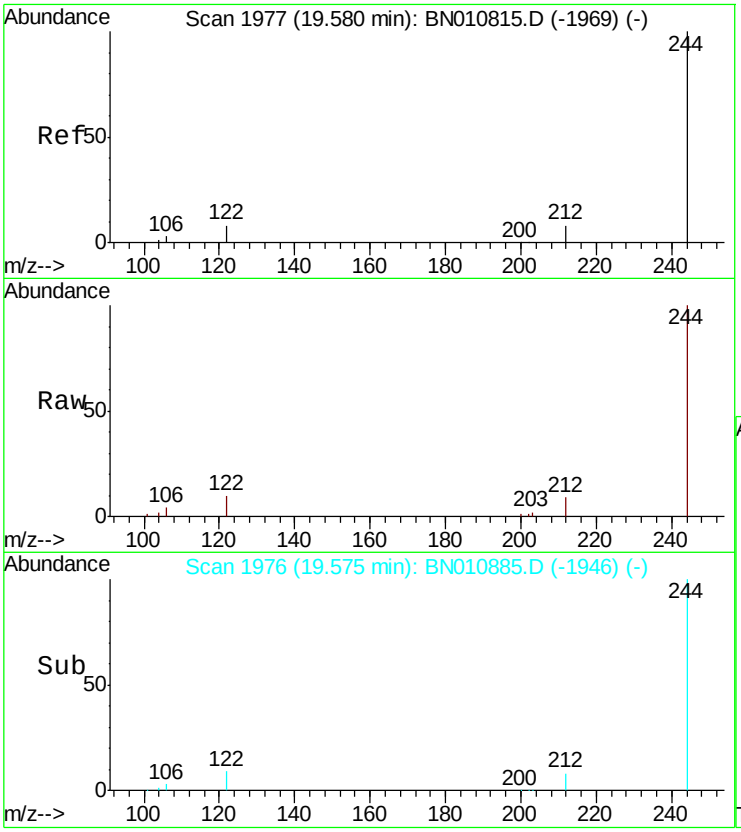


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:240 Resp: 7947

Ion	Ratio	Lower	Upper
240	100		
120	9.2	7.5	11.3
236	28.2	22.3	33.5



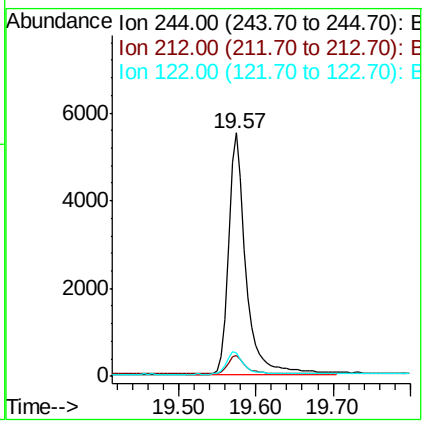


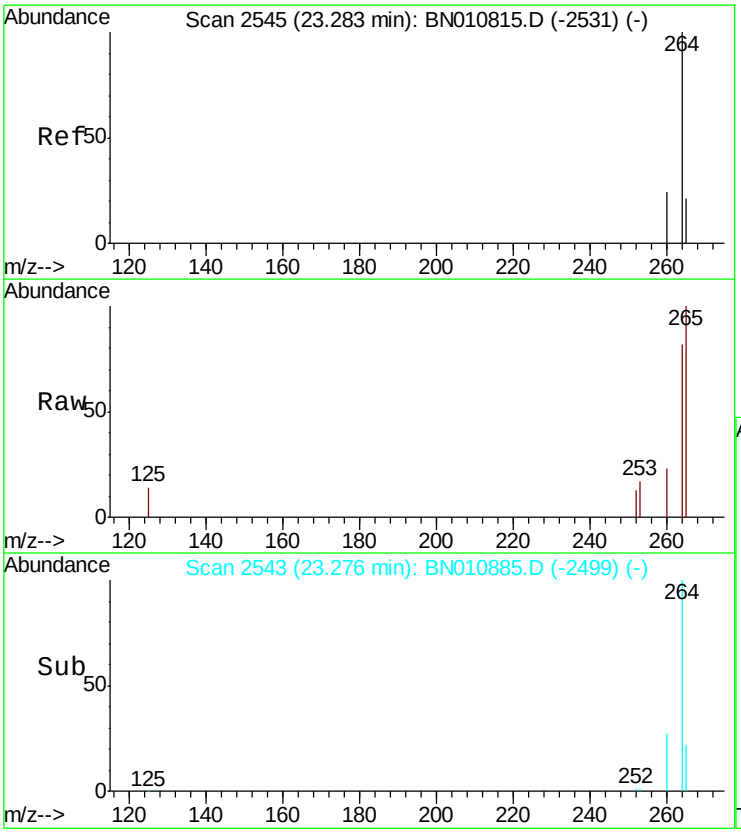
#29
Terphenyl-d14
Concen: 0.459 ng
RT: 19.57 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Instrument :
BNA_N
ClientSampleId :
PB129516BL

Tgt Ion:244 Resp: 8530

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.8	7.5	11.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BN010885.D
Acq: 16 Jun 2020 01:25

Tgt Ion:264 Resp: 5877

Ion	Ratio	Lower	Upper
264	100		
260	27.8	20.4	30.6
265	122.2	75.0	112.4#