Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
Data File : BN010694.D
Acq On : 12 May 2020 10:45
Operator : CG/JU
Sample : PB128768BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128768BL

Quant Time: May 12 11:24:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4113	0.40	ng	0.00
7) Naphthalene-d8	10.34	136	16905	0.40	ng	0.01
13) Acenaphthene-d10	14.21	164	10924	0.40	ng	0.00
19) Phenanthrene-d10	16.96	188	24169	0.40	ng	0.00
27) Chrysene-d12	21.17	240	18561	0.40	ng	0.00
34) Perylene-d12	23.33	264	17350	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2029	0.23	ng	0.00
5) Phenol-d6	6.78	99	2087	0.18	ng	0.00
8) Nitrobenzene-d5	8.72	82	2788	0.24	ng	0.00
11) 2-Methylnaphthalene-d10	11.94	152	6573	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.74	330	756	0.15	ng	0.03
15) 2-Fluorobiphenyl	12.84	172	8698	0.22	ng	0.02
25) Fluoranthene-d10	19.00	212	15071	0.21	ng	0.00
29) Terphenyl-d14	19.61	244	11299	0.27	ng	0.00
Target Compounds						Qvalue

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

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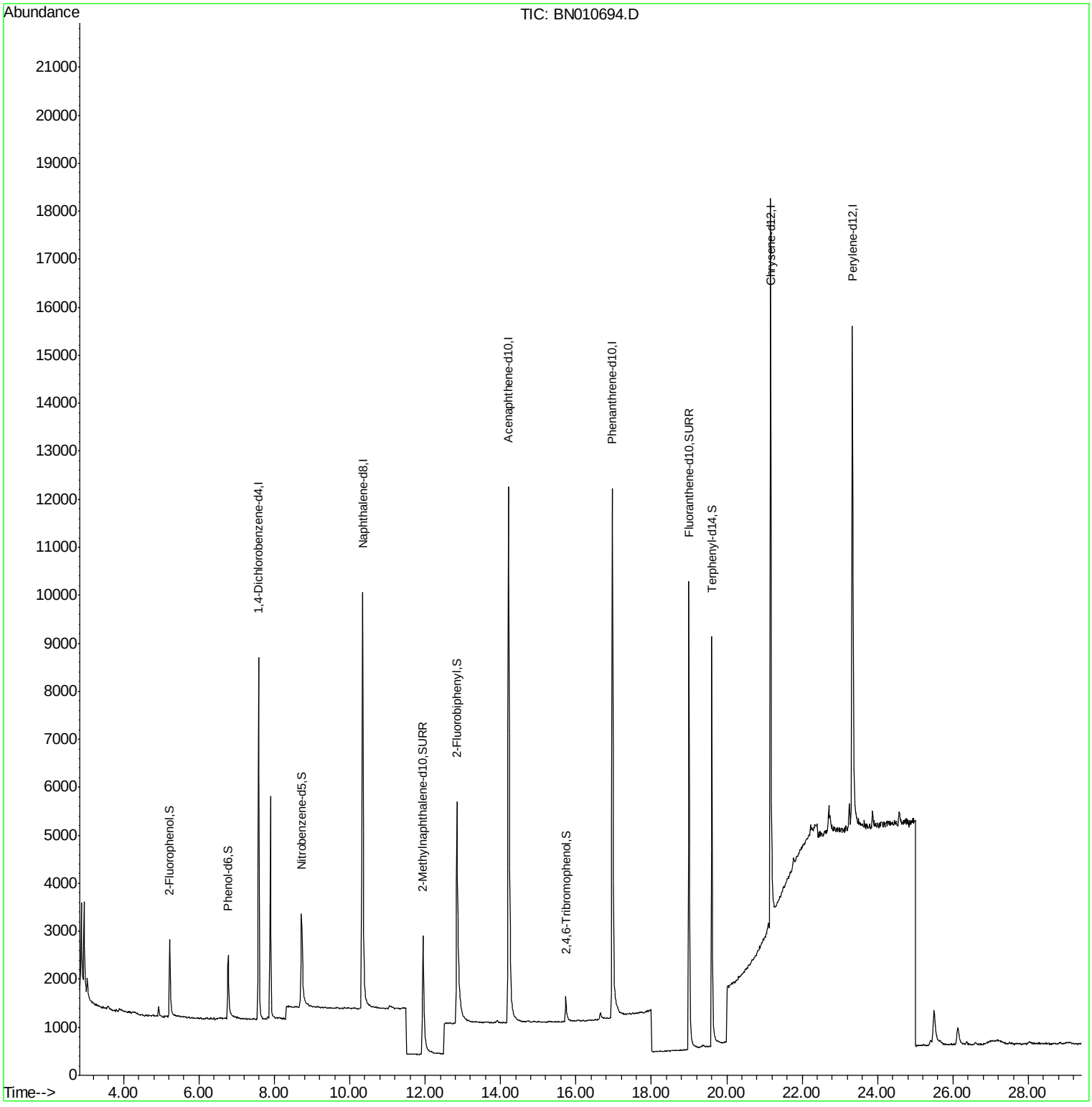
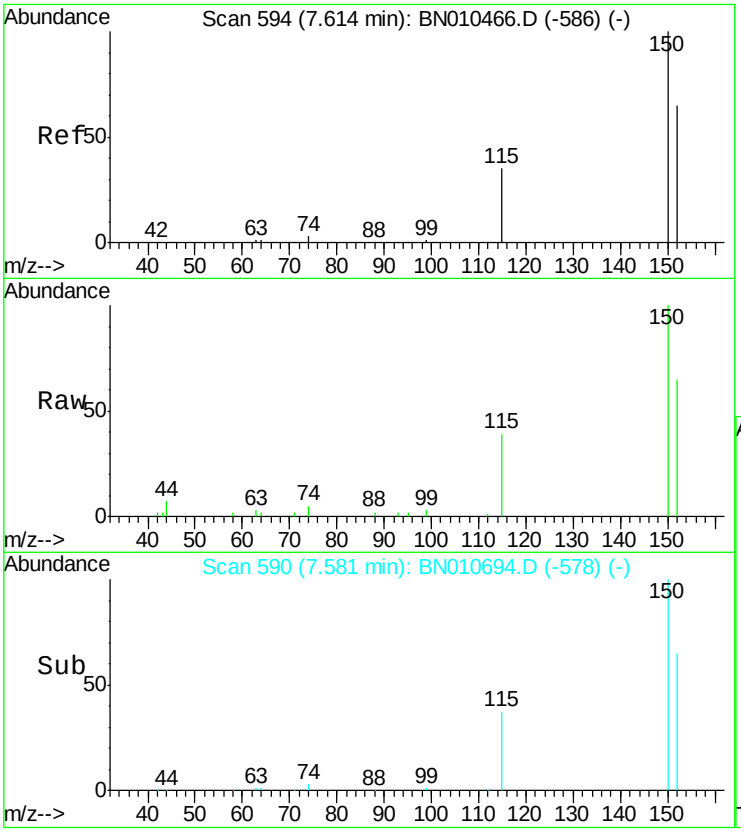


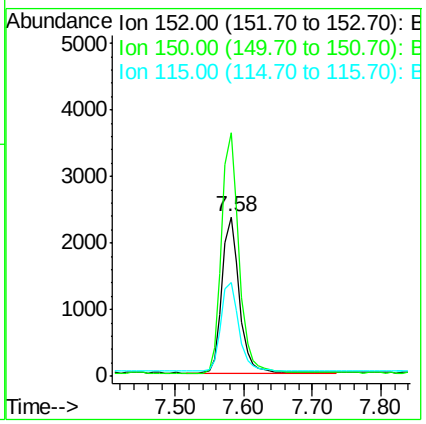


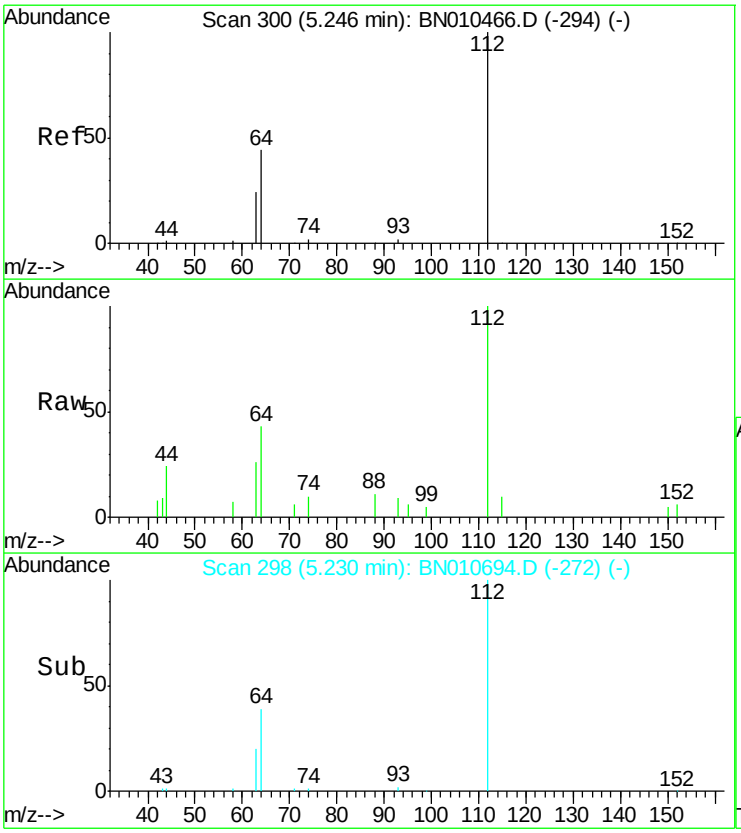
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion:152 Resp: 4113

Ion	Ratio	Lower	Upper
152	100		
150	152.9	121.8	182.6
115	59.2	45.5	68.3

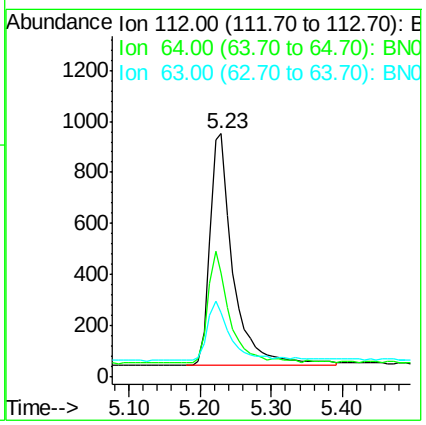


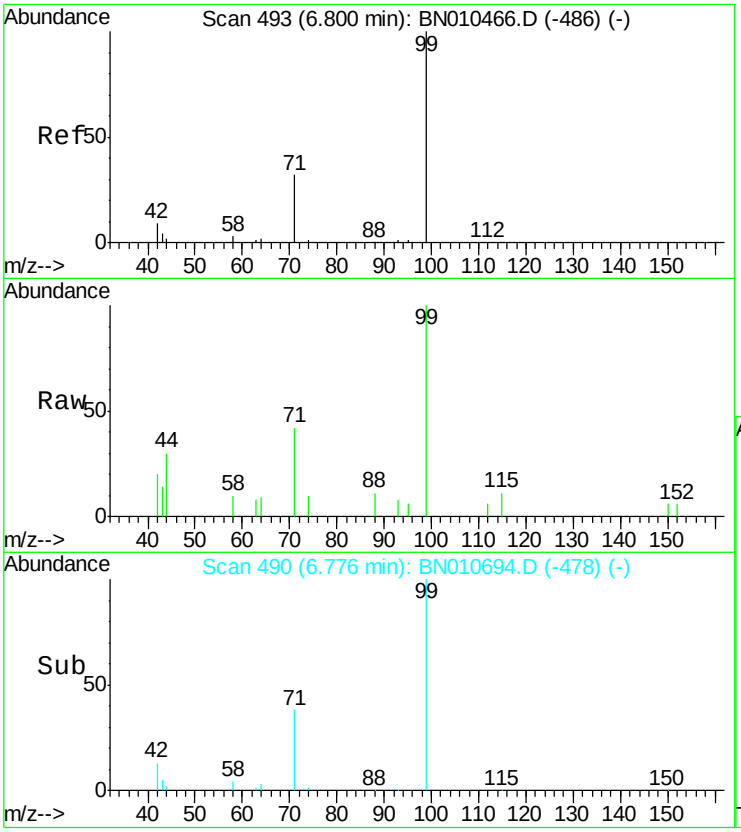


#4
2-Fluorophenol
Concen: 0.23 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:112 Resp: 2029

Ion	Ratio	Lower	Upper
112	100		
64	45.2	35.8	53.8
63	25.2	19.9	29.9



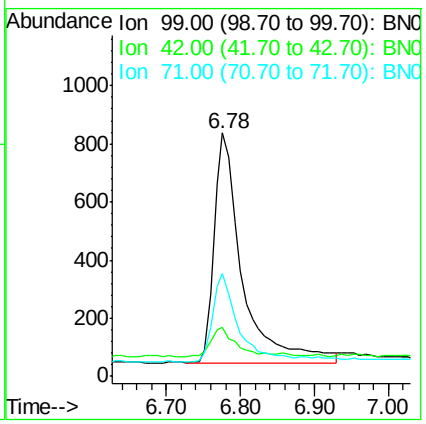


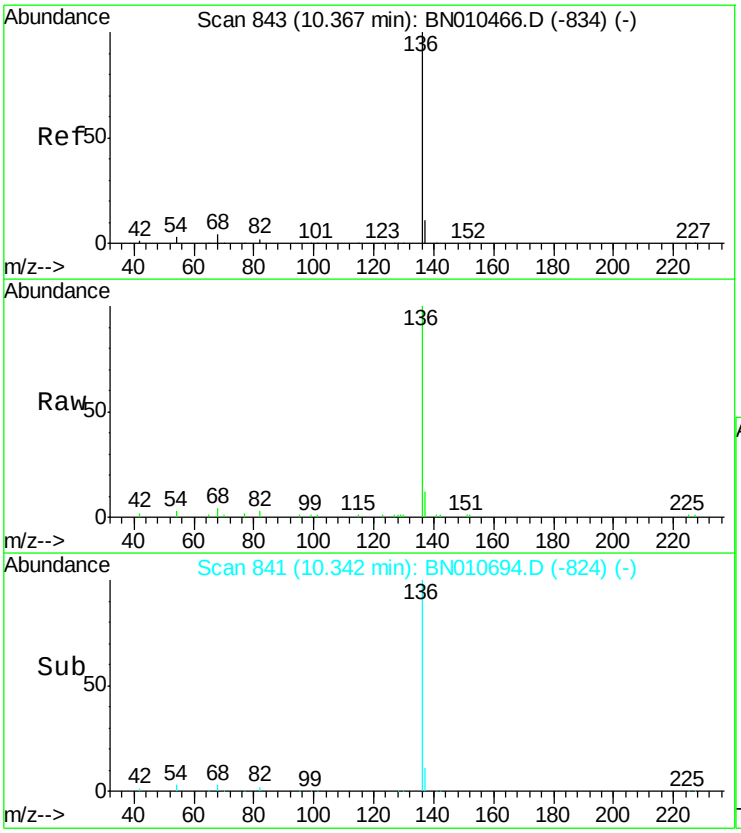
#5
Phenol-d6
Concen: 0.18 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion: 99 Resp: 2087

Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.8	14.6
71	34.6	27.8	41.8

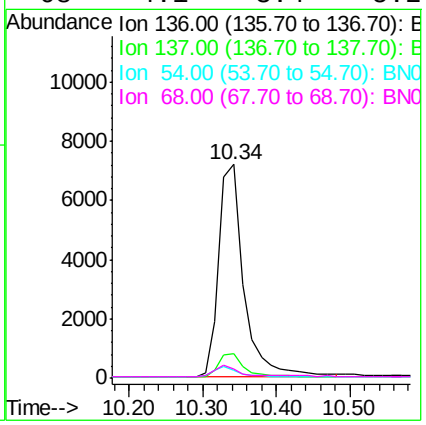


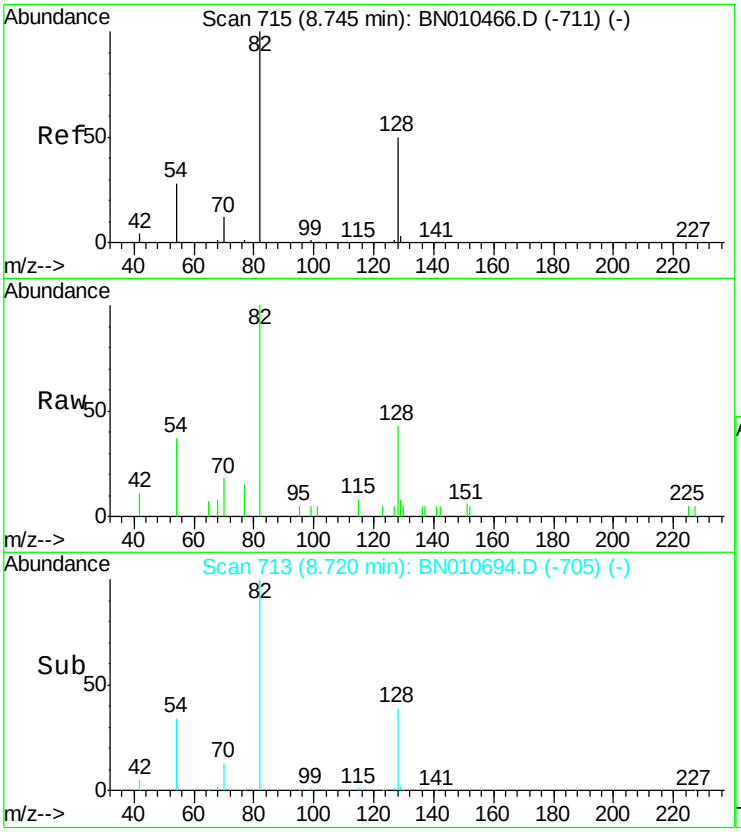


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:136 Resp: 16905

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	3.3	2.6	4.0
68	4.1	3.4	5.2



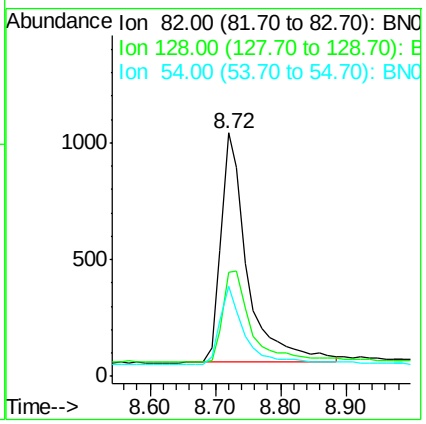


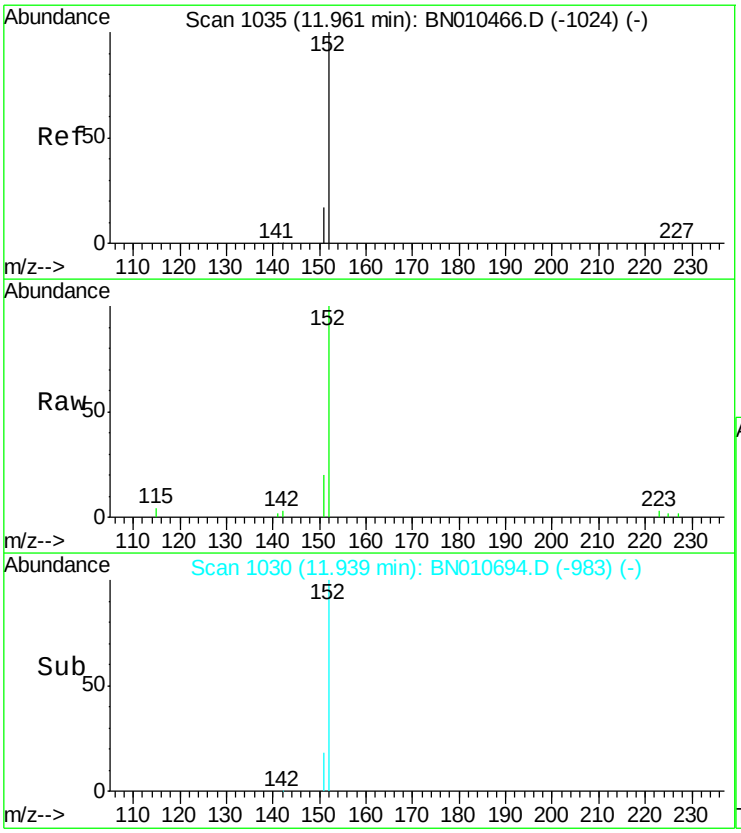
#8
Nitrobenzene-d5
Concen: 0.24 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion: 82 Resp: 2788

Ion	Ratio	Lower	Upper
82	100		
128	42.7	41.3	61.9
54	36.9	23.4	35.0#

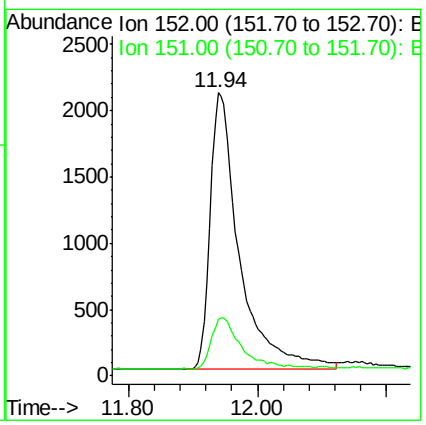


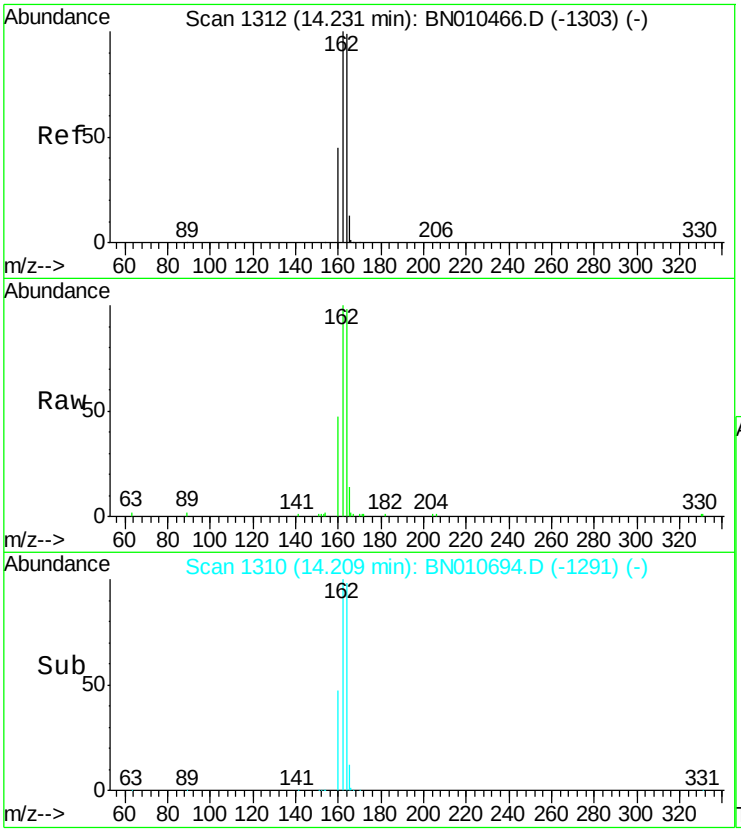


#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 11.94 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:152 Resp: 6573

Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.3	22.9



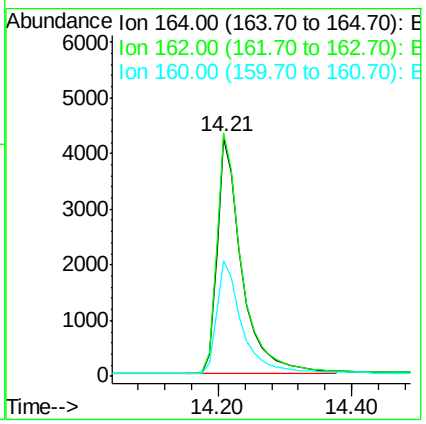


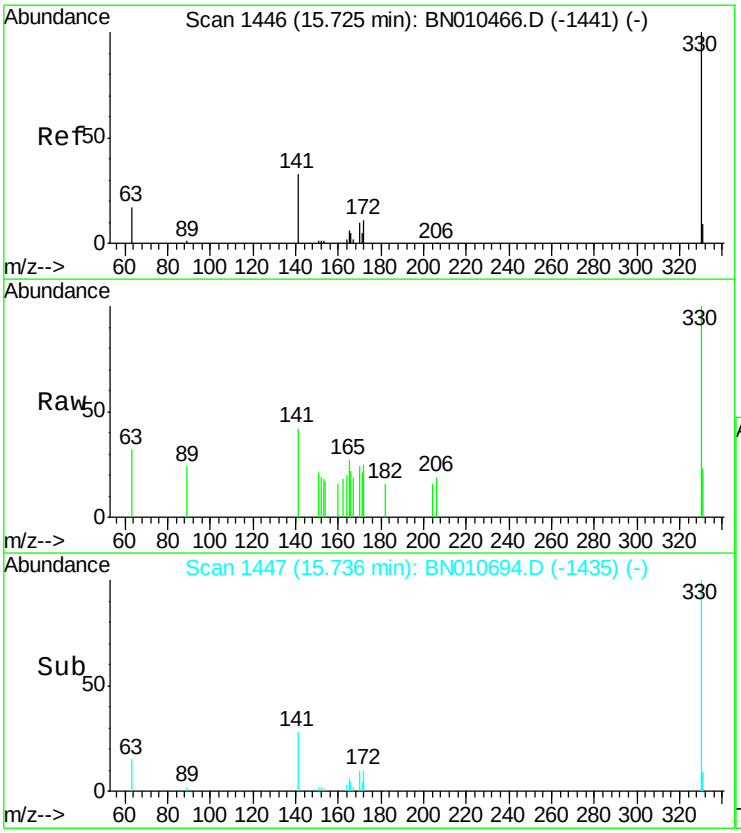
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.21 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion:164 Resp: 10924

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	121.0
160	48.3	36.5	54.7

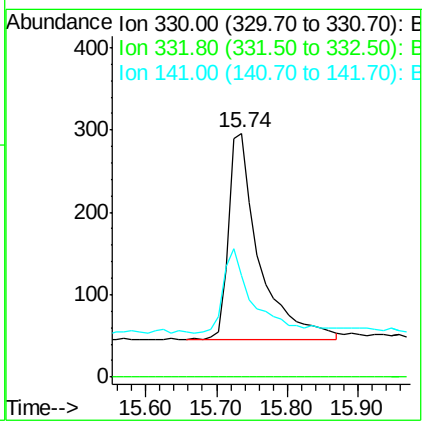


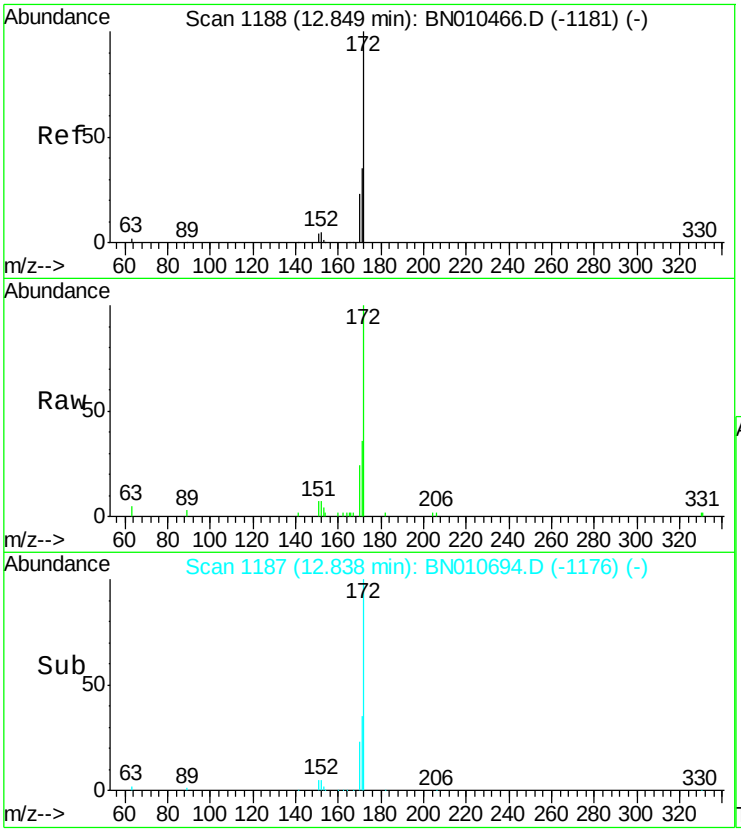


#14
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 15.74 min Scan# 1447
Delta R.T. 0.03 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:330 Resp: 756

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.8	28.1	42.1



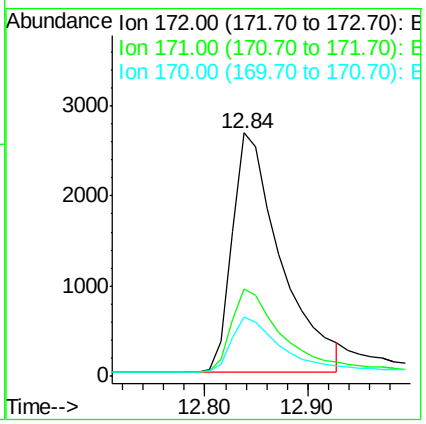


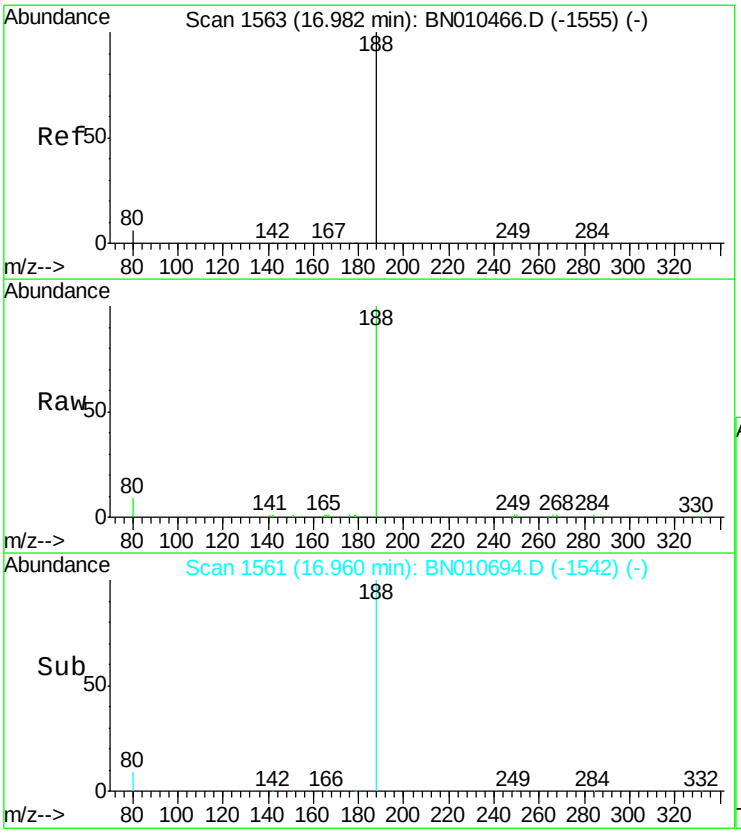
#15
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 12.84 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion:172 Resp: 8698

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.2
170	24.1	18.4	27.6

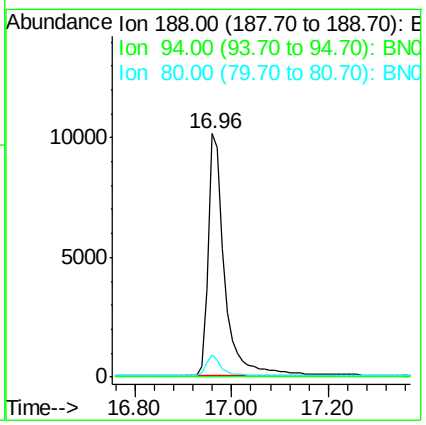


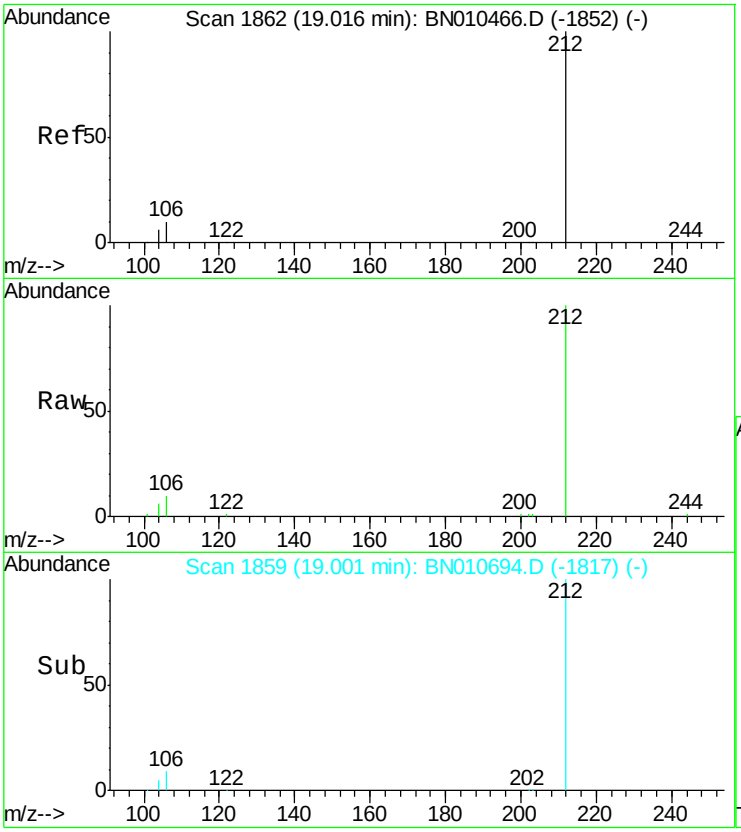


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.96 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:188 Resp: 24169

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	5.0	7.6#



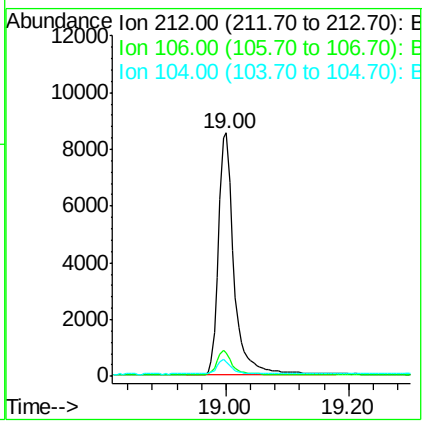


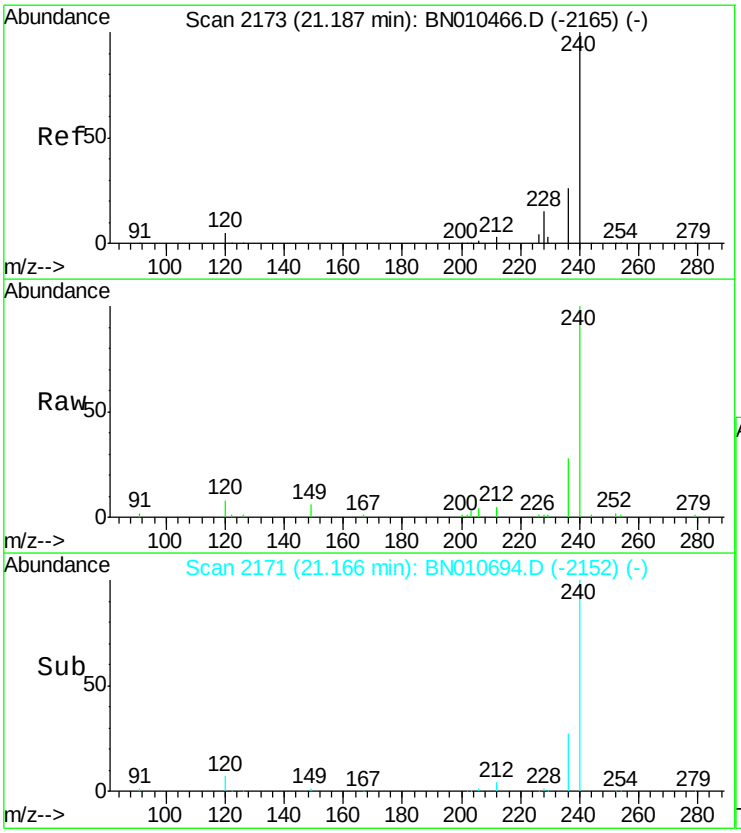
#25
Fluoranthene-d10
Concen: 0.21 ng
RT: 19.00 min Scan# 1859
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion:212 Resp: 15071

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.8	11.6
104	5.5	4.5	6.7

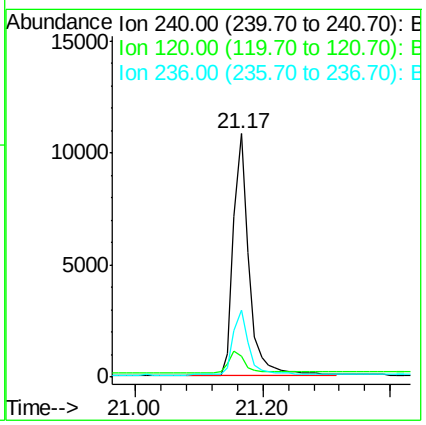


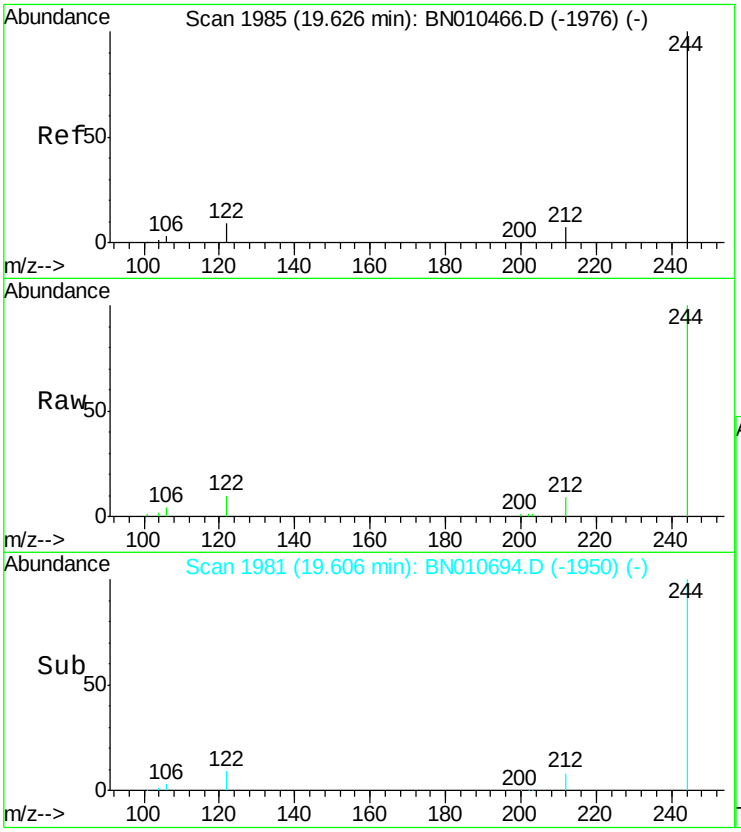


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.17 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:240 Resp: 18561

Ion	Ratio	Lower	Upper
240	100		
120	8.4	4.8	7.2#
236	27.5	21.4	32.0



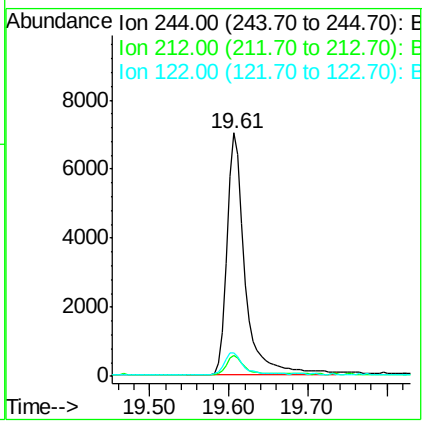


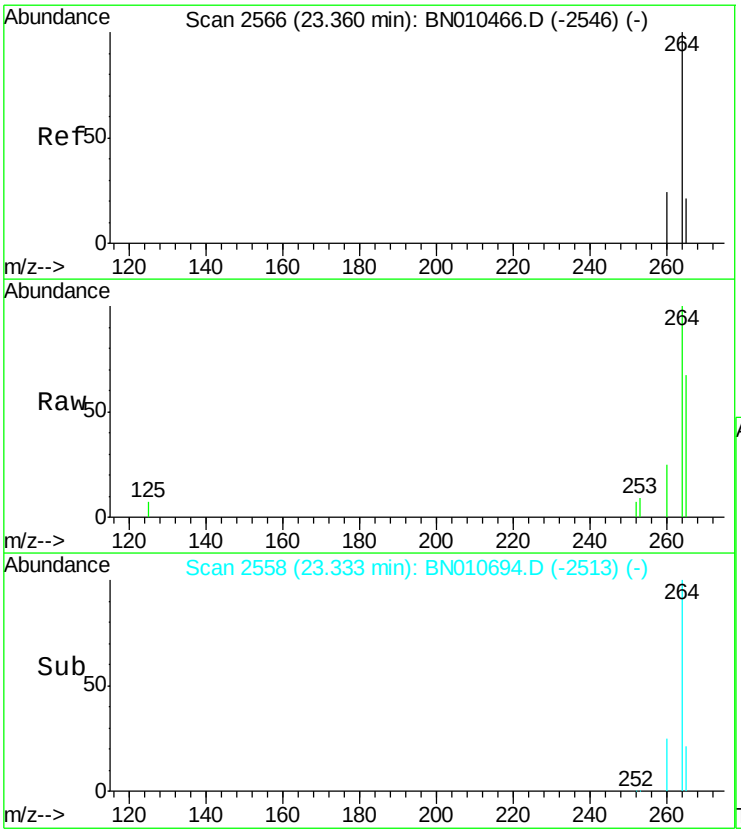
#29
Terphenyl-d14
Concen: 0.27 ng
RT: 19.61 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Instrument :
BNA_N
ClientSampleId :
PB128768BL

Tgt Ion:244 Resp: 11299

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.4
122	9.8	7.8	11.8





#34
Perylene-d12
Concen: 0.40 ng
RT: 23.33 min Scan# 2558
Delta R.T. 0.01 min
Lab File: BN010694.D
Acq: 12 May 2020 10:45

Tgt Ion:264 Resp: 17350

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	67.3	42.3	63.5#