Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070519\
Data File : BN006733.D
Acq On : 06 Jul 2019 01:48
Operator : HP/JU
Sample : PB120991BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB120991BL

Quant Time: Jul 06 03:27:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN070219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 05:30:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2682	0.40	ng	-0.02
7) Naphthalene-d8	10.38	136	9572	0.40	ng	-0.01
13) Acenaphthene-d10	14.24	164	5996	0.40	ng	-0.02
19) Phenanthrene-d10	17.01	188	13099	0.40	ng	-0.01
27) Chrysene-d12	21.24	240	13282	0.40	ng	-0.02
34) Perylene-d12	23.46	264	16344	0.40	ng	-0.05
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2102	0.29	ng	0.00
5) Phenol-d6	6.86	99	2319	0.25	ng	0.02
8) Nitrobenzene-d5	8.83	82	1583	0.22	ng	0.04
11) 2-Methylnaphthalene-d10	11.99	152	5049	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	413	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.87	172	6979	0.30	ng	-0.01
25) Fluoranthene-d10	19.06	212	13969	0.37	ng	-0.02
29) Terphenyl-d14	19.66	244	9999	0.33	ng	-0.02
Target Compounds						Qvalue

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

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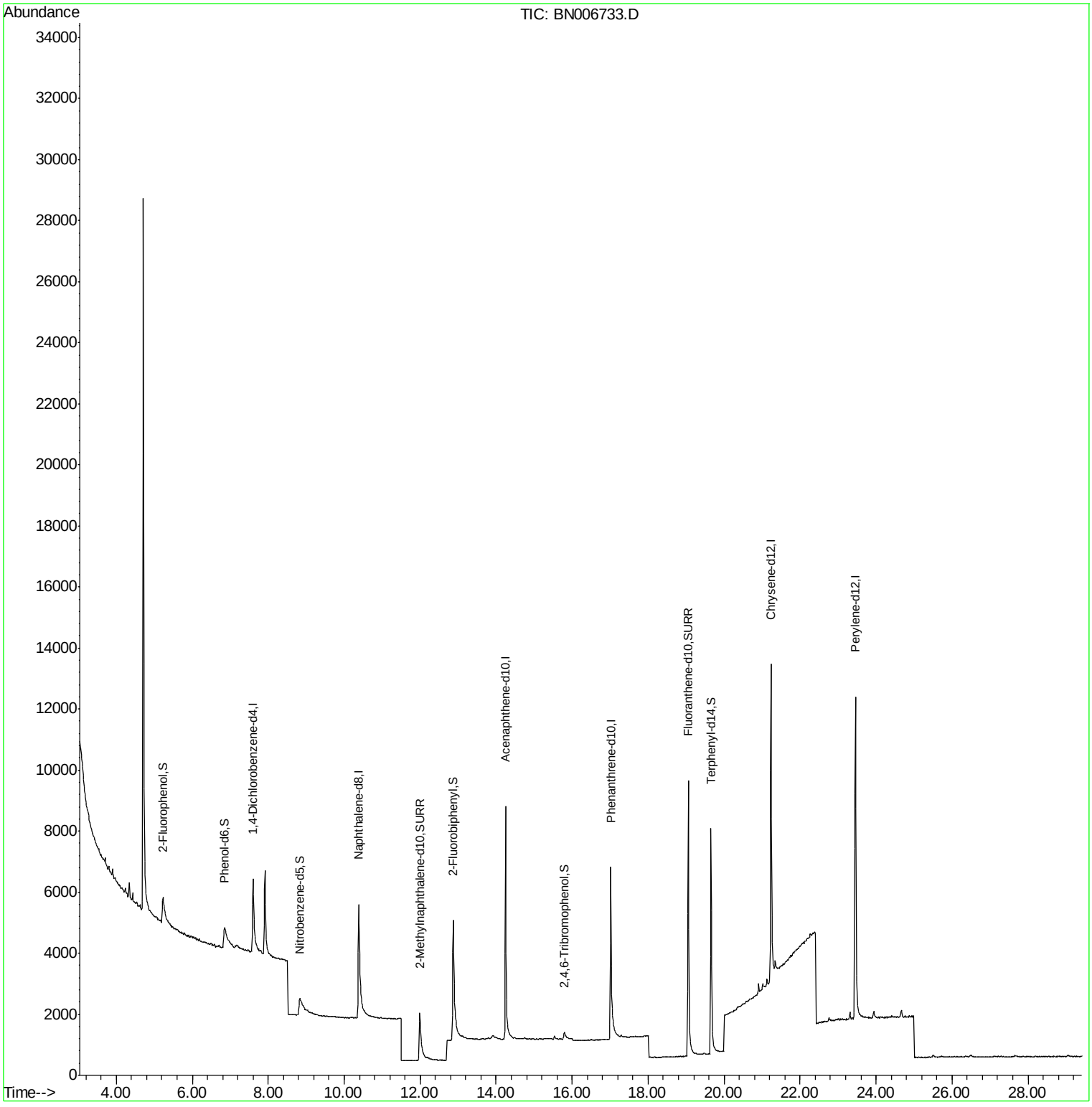
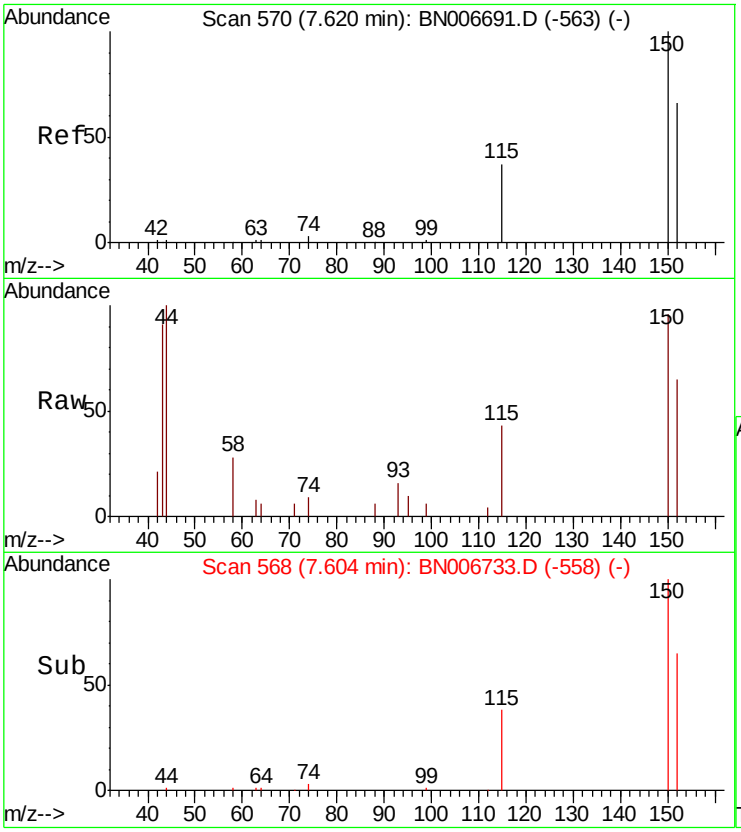


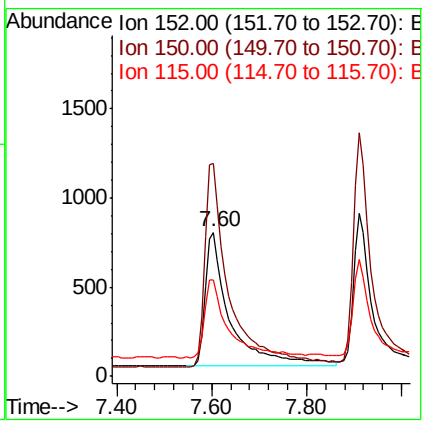


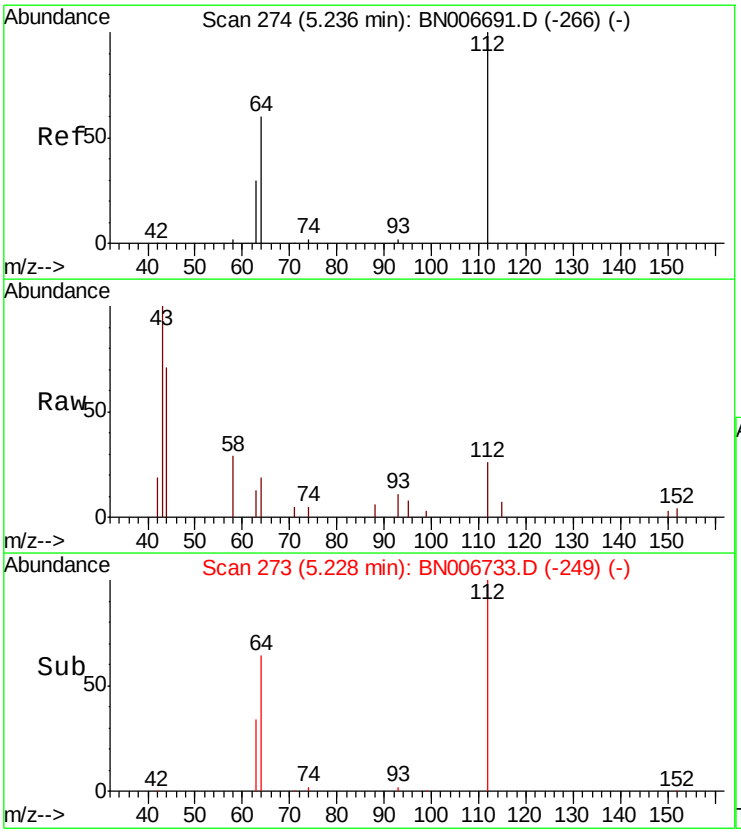
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 568
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion:152 Resp: 2682

Ion	Ratio	Lower	Upper
152	100		
150	148.1	120.6	181.0
115	66.7	51.0	76.6

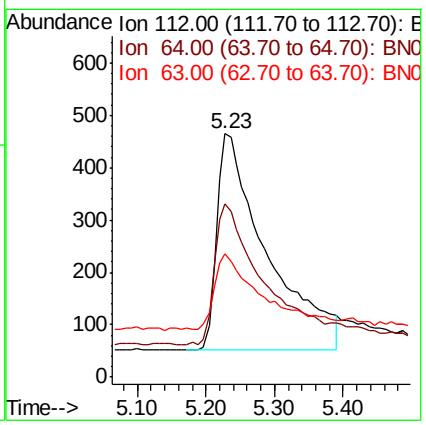


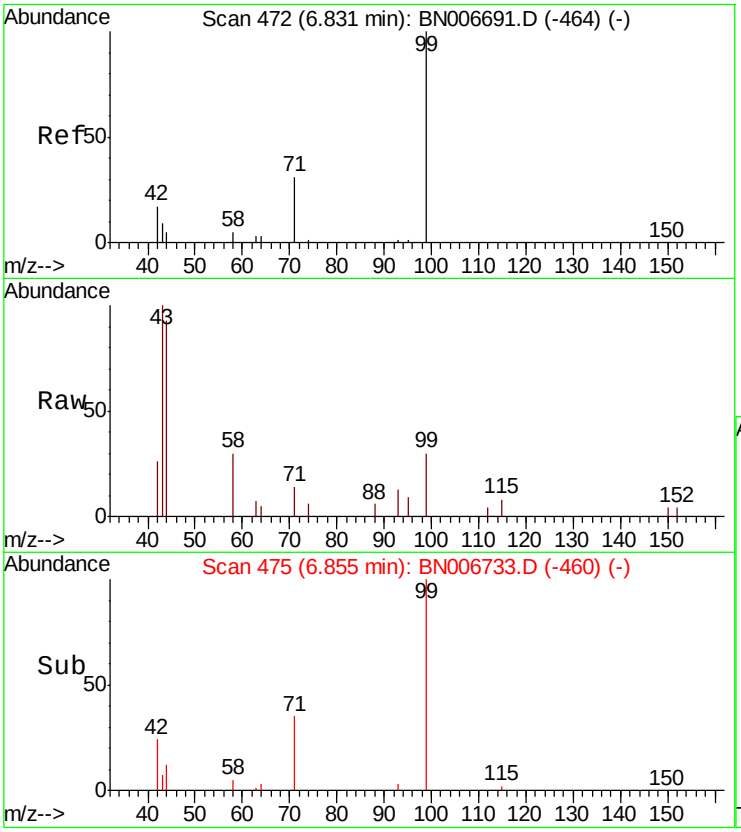


#4
2-Fluorophenol
Concen: 0.289 ng
RT: 5.23 min Scan# 273
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:112 Resp: 2102

Ion	Ratio	Lower	Upper
112	100		
64	64.6	49.8	74.6
63	33.1	25.8	38.6



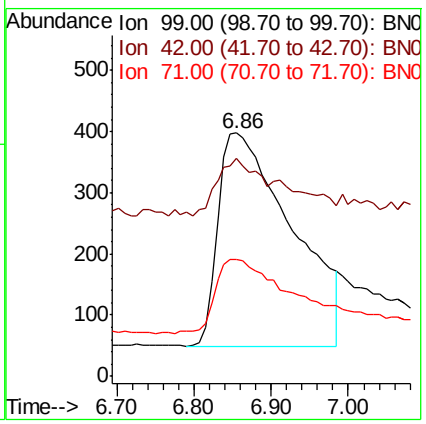


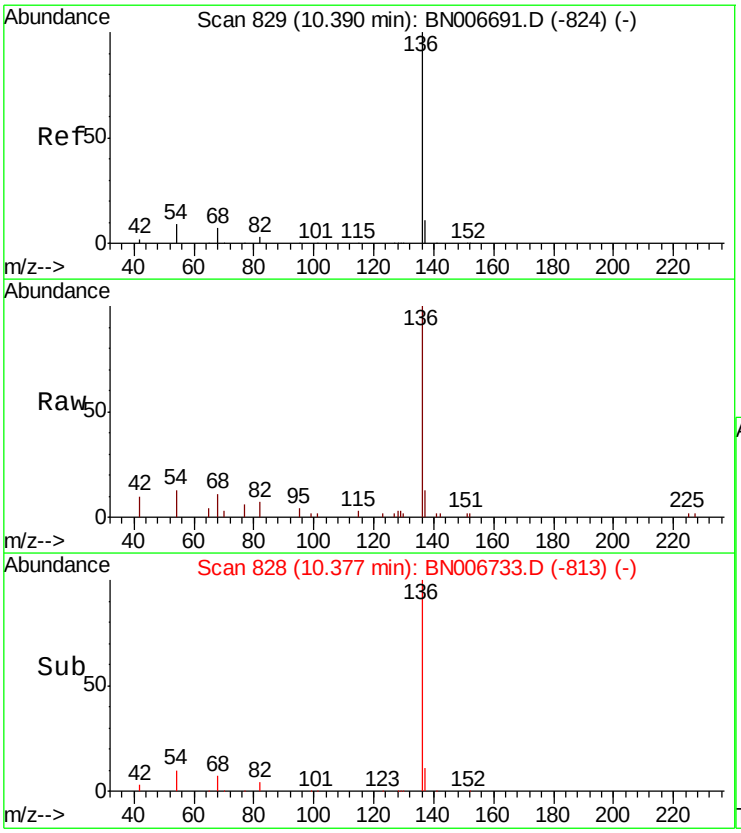
#5
Phenol-d6
Concen: 0.251 ng
RT: 6.86 min Scan# 475
Delta R.T. 0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion: 99 Resp: 2319

Ion	Ratio	Lower	Upper
99	100		
42	24.0	16.6	25.0
71	35.9	26.0	39.0

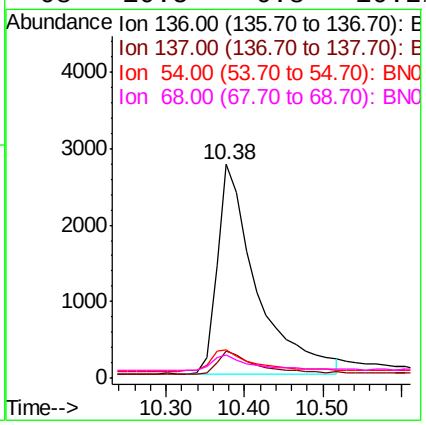


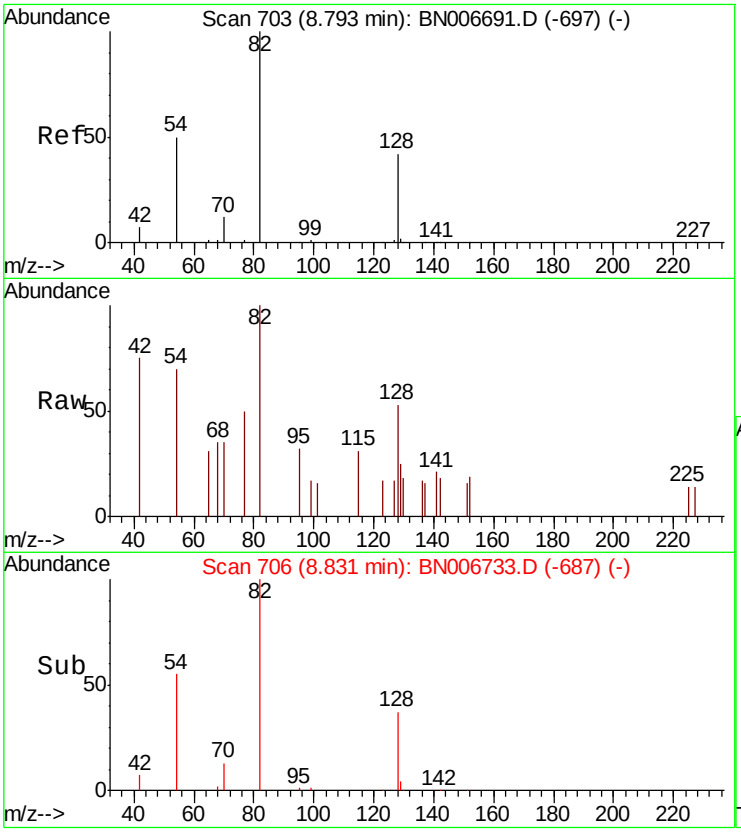


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 828
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:136 Resp: 9572

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.3	13.9
54	13.3	8.4	12.6#
68	10.5	6.8	10.2#



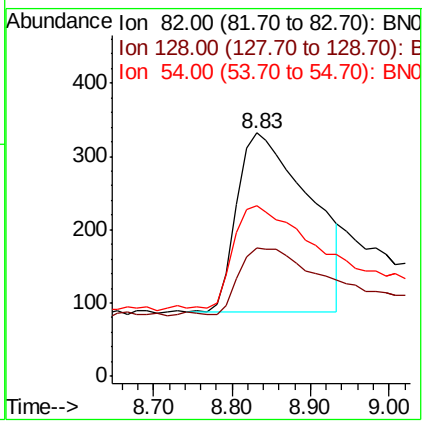


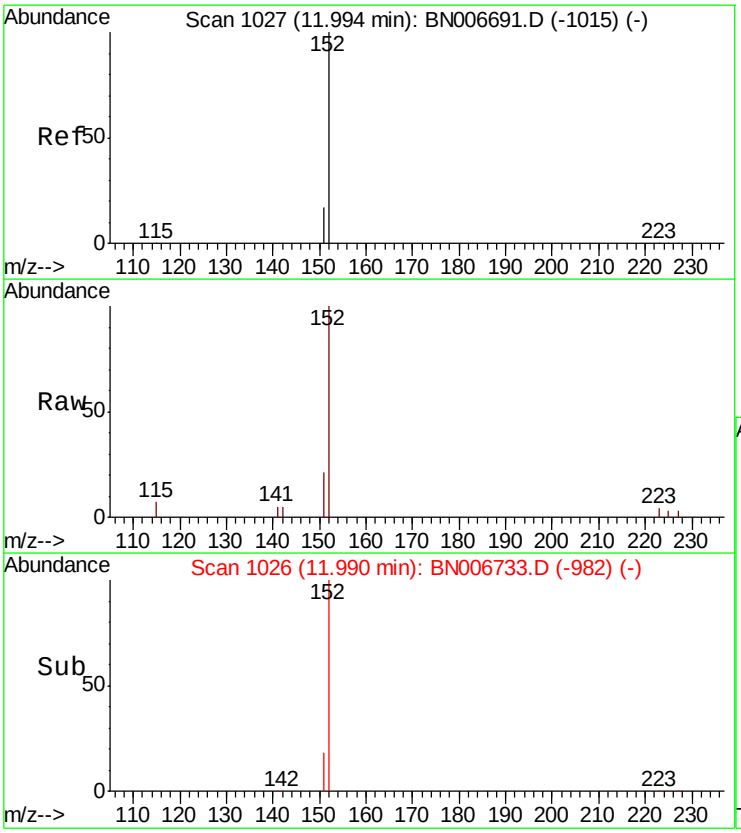
#8
Nitrobenzene-d5
Concen: 0.216 ng
RT: 8.83 min Scan# 706
Delta R.T. 0.04 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion: 82 Resp: 1583

Ion	Ratio	Lower	Upper
82	100		
128	53.0	36.1	54.1
54	69.9	44.5	66.7#

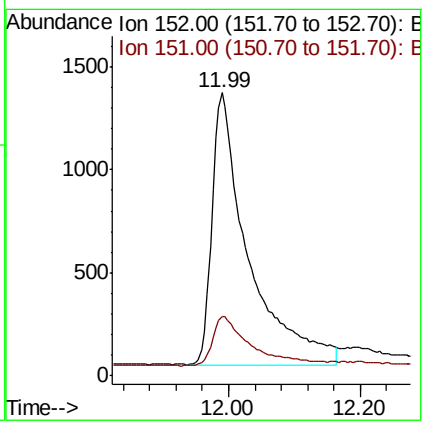


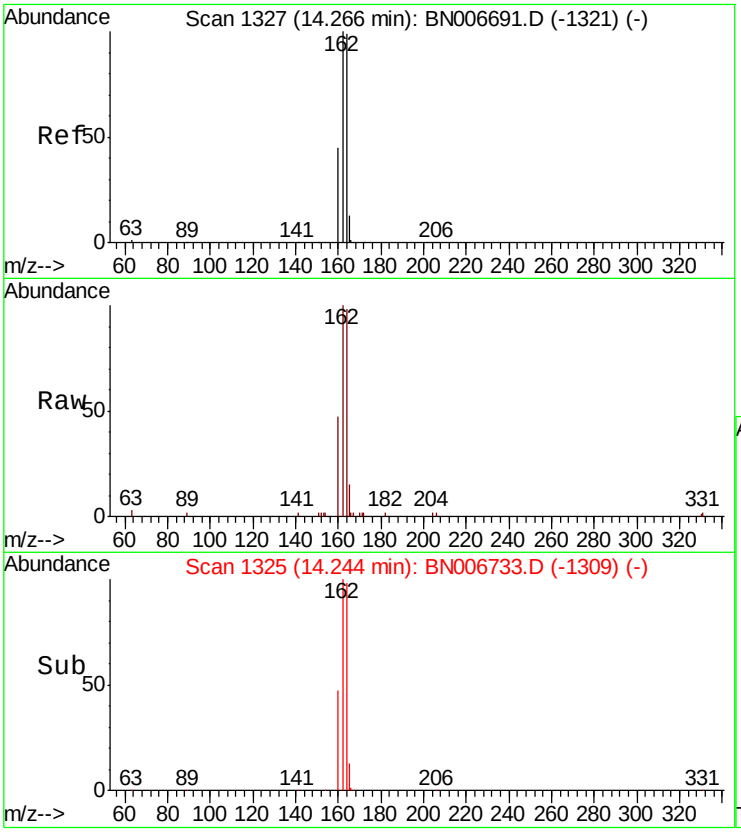


#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 11.99 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:152 Resp: 5049

Ion	Ratio	Lower	Upper
152	100		
151	19.4	14.9	22.3



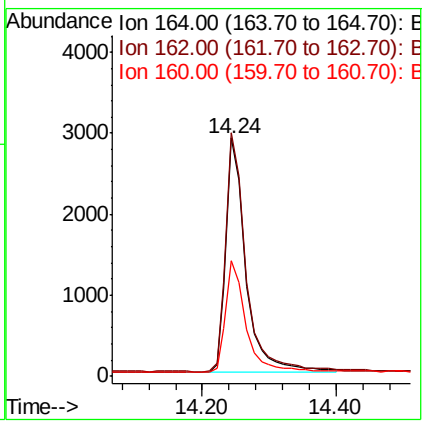


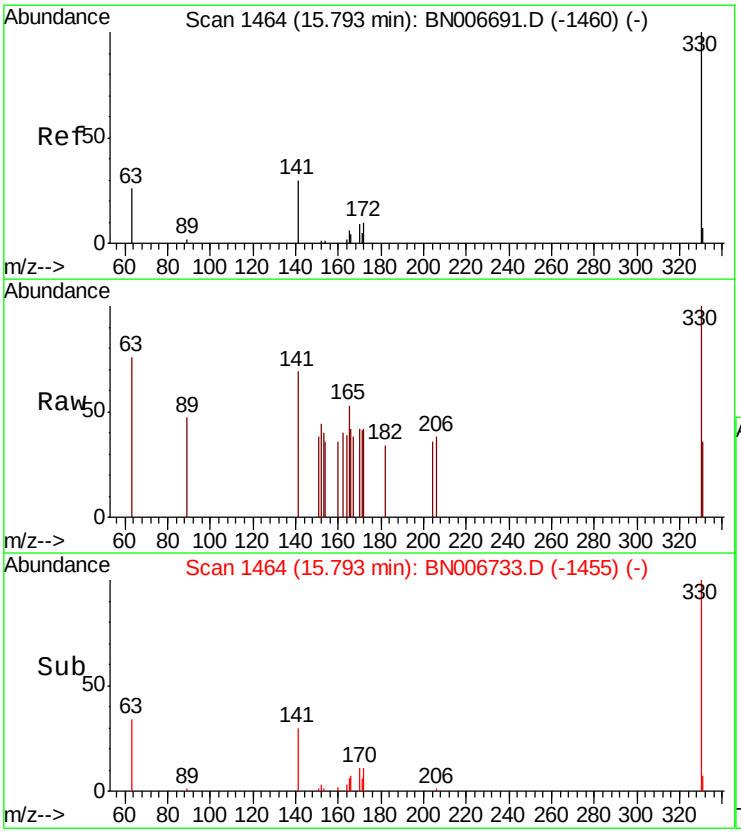
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion:164 Resp: 5996

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.8	121.2
160	48.4	37.0	55.6

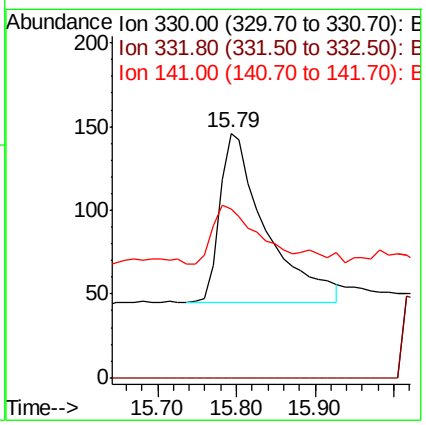


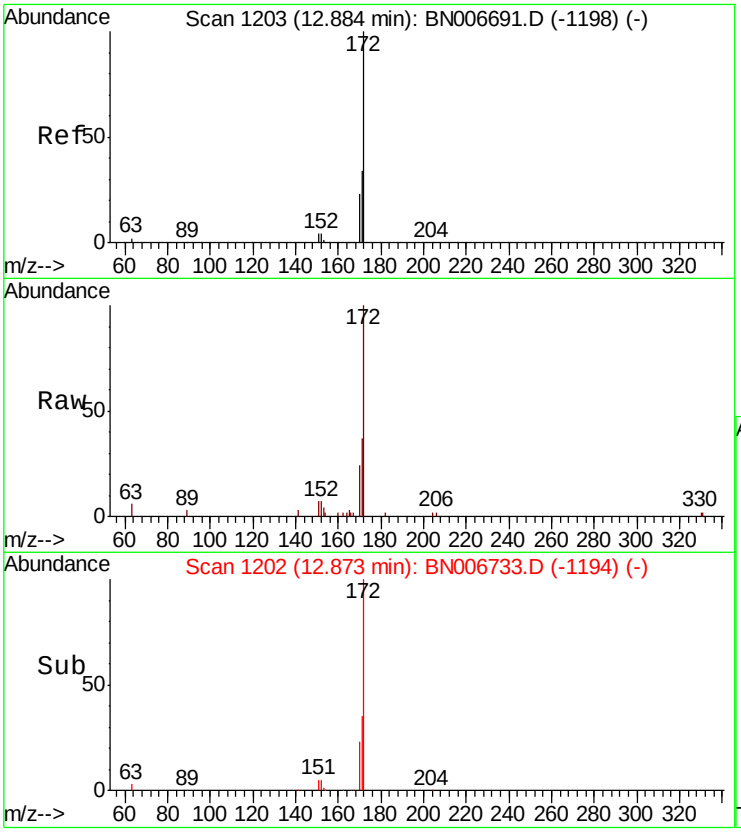


#14
2,4,6-Tribromophenol
Concen: 0.140 ng
RT: 15.79 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:330 Resp: 413

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.9	24.8	37.2



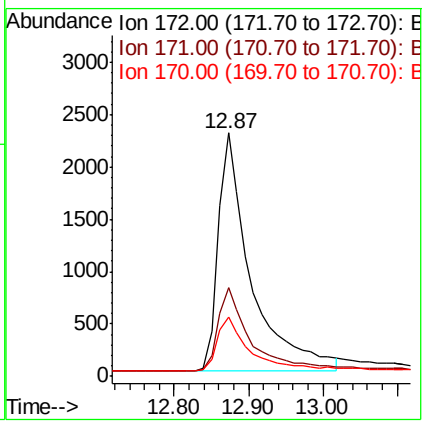


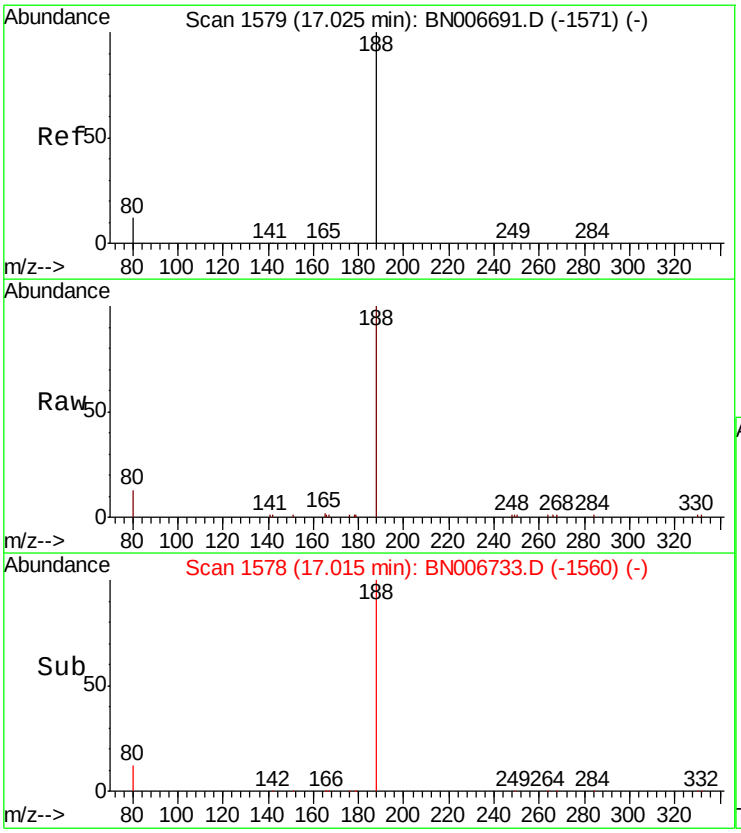
#15
2-Fluorobiphenyl
Concen: 0.298 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion:172 Resp: 6979

Ion	Ratio	Lower	Upper
172	100		
171	36.7	27.8	41.6
170	24.5	18.9	28.3

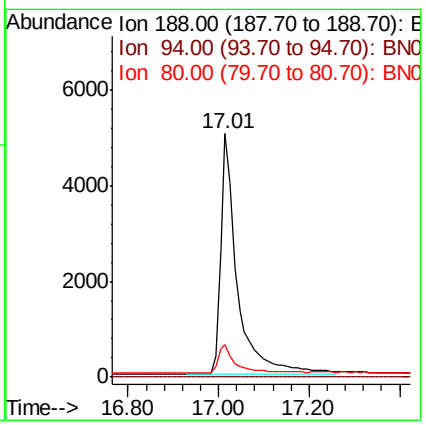


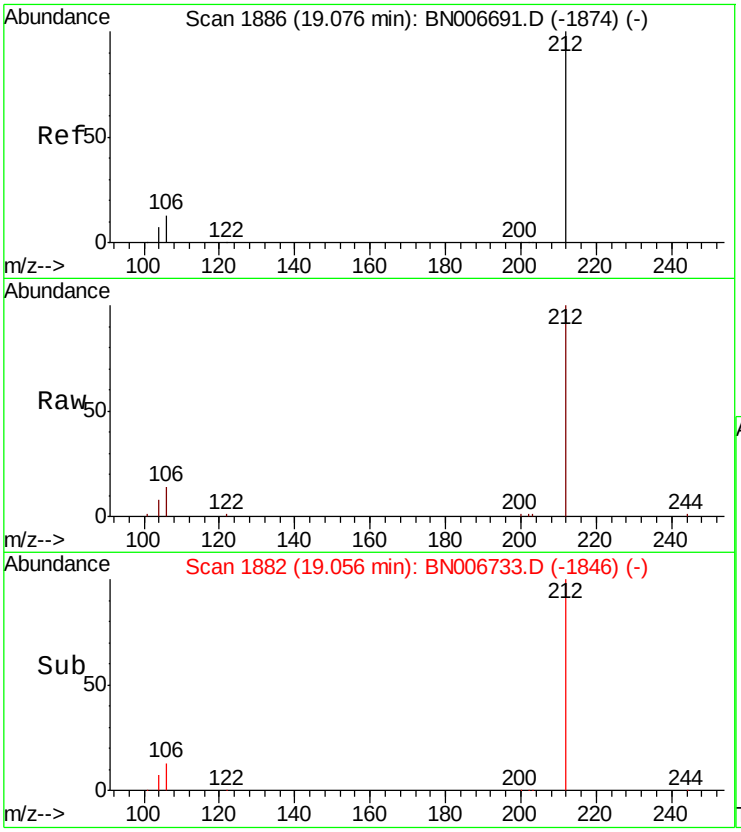


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:188 Resp: 13099

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	10.3	15.5



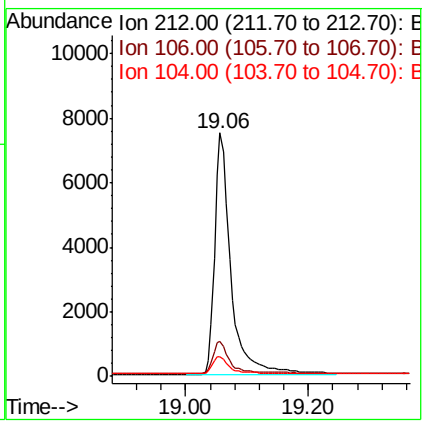


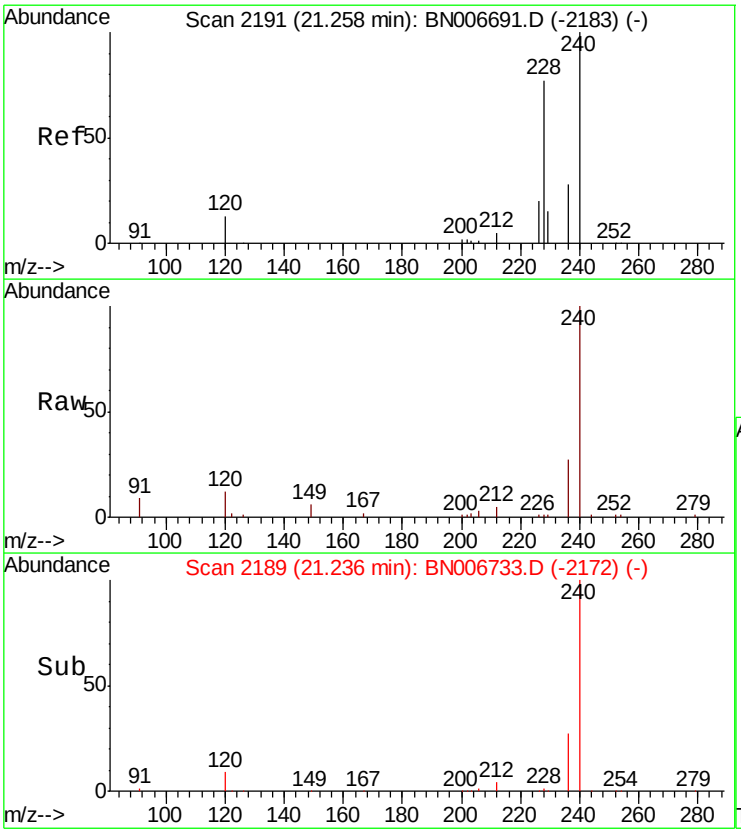
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument :
BNA_N
ClientSampleId :
PB120991BL

Tgt Ion:212 Resp: 13969

Ion	Ratio	Lower	Upper
212	100		
106	13.3	11.0	16.6
104	7.3	6.1	9.1

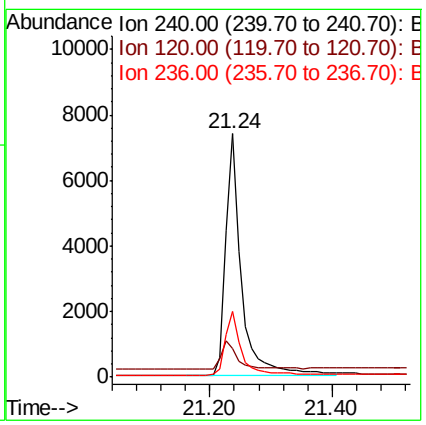


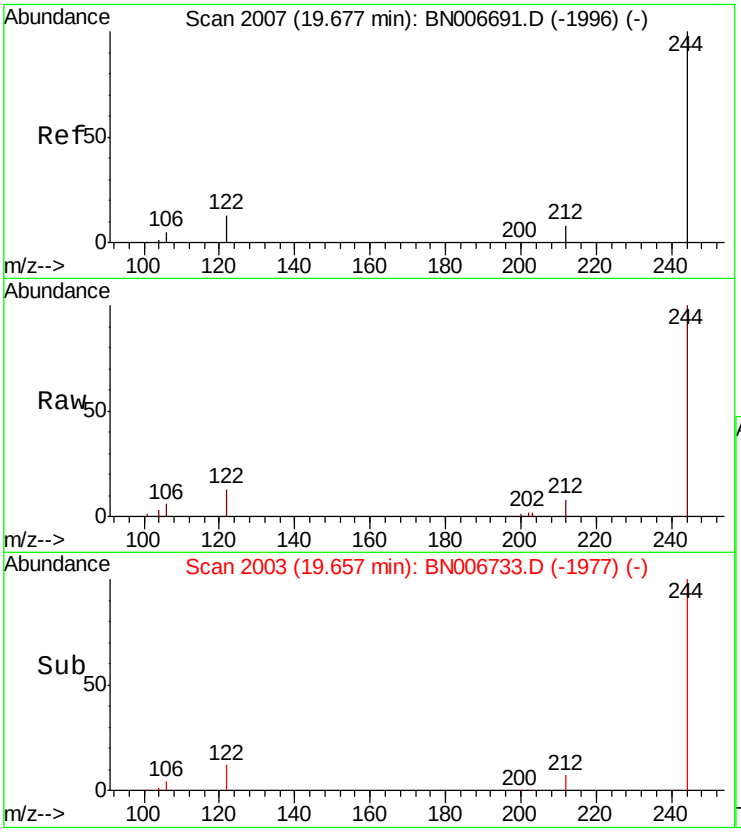


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:240 Resp: 13282

Ion	Ratio	Lower	Upper
240	100		
120	11.6	12.9	19.3#
236	27.2	23.2	34.8



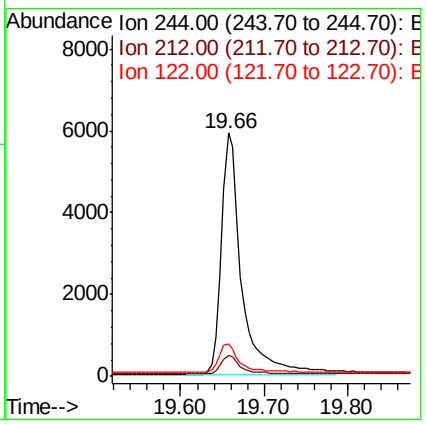


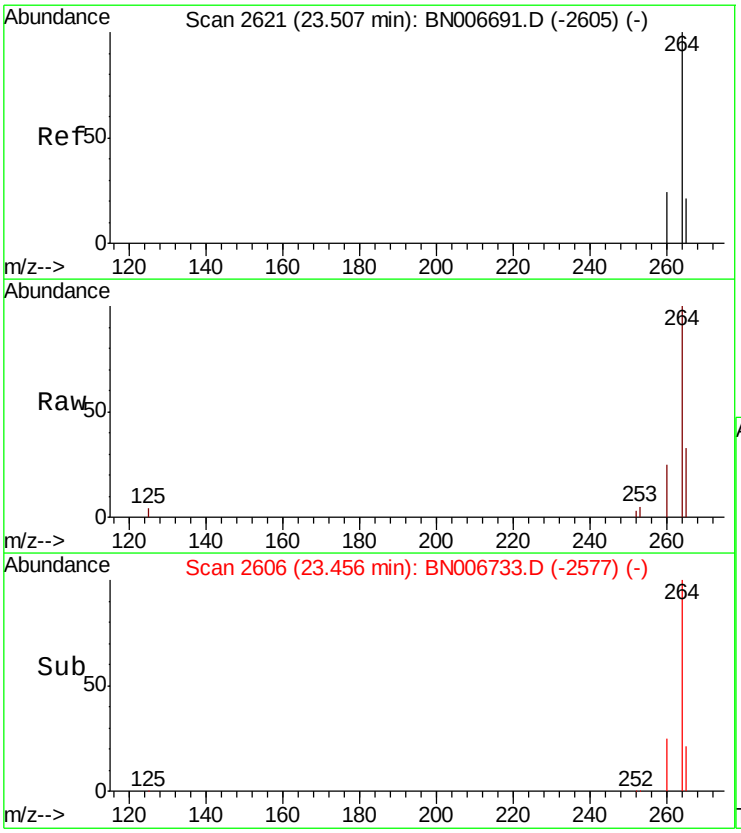
#29
Terphenyl-d14
Concen: 0.327 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Instrument : BNA_N
ClientSampleId : PB120991BL

Tgt Ion:244 Resp: 9999

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.0	10.4
122	13.4	11.5	17.3





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2606
Delta R.T. -0.05 min
Lab File: BN006733.D
Acq: 06 Jul 2019 01:48

Tgt Ion:264 Resp: 16344

Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	32.9	33.7	50.5#