Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070620\
Data File : BN011100.D
Acq On : 06 Jul 2020 10:36
Operator : CG/JU
Sample : PB129902BL
Misc : MDL-SOIL-PBBL-05
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129902BL

Quant Time: Jul 06 11:10:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 10:52:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	1952	0.40	ng	0.00
7) Naphthalene-d8	10.28	136	5857	0.40	ng	0.01
13) Acenaphthene-d10	14.14	164	3104	0.40	ng	0.01
19) Phenanthrene-d10	16.91	188	6318	0.40	ng	0.02
29) Chrysene-d12	21.11	240	5521	0.40	ng	0.01
36) Perylene-d12	23.25	264	5740	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	1299	0.27	ng	0.00
5) Phenol-d6	6.74	99	1206	0.22	ng	0.02
8) Nitrobenzene-d5	8.68	82	1563	0.31	ng	0.03
11) 2-Methylnaphthalene-d10	11.88	152	3721	0.37	ng	0.02
14) 2,4,6-Tribromophenol	15.68	330	283	0.22	ng	0.04
15) 2-Fluorobiphenyl	12.77	172	4295	0.29	ng	0.03
27) Fluoranthene-d10	18.94	212	7596	0.40	ng	0.00
31) Terphenyl-d14	19.55	244	5397	0.38	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylphenol	15.31	198	2	0.092	ng	# 27
23) Atrazine	16.01	200	135	0.045	ng	# 8

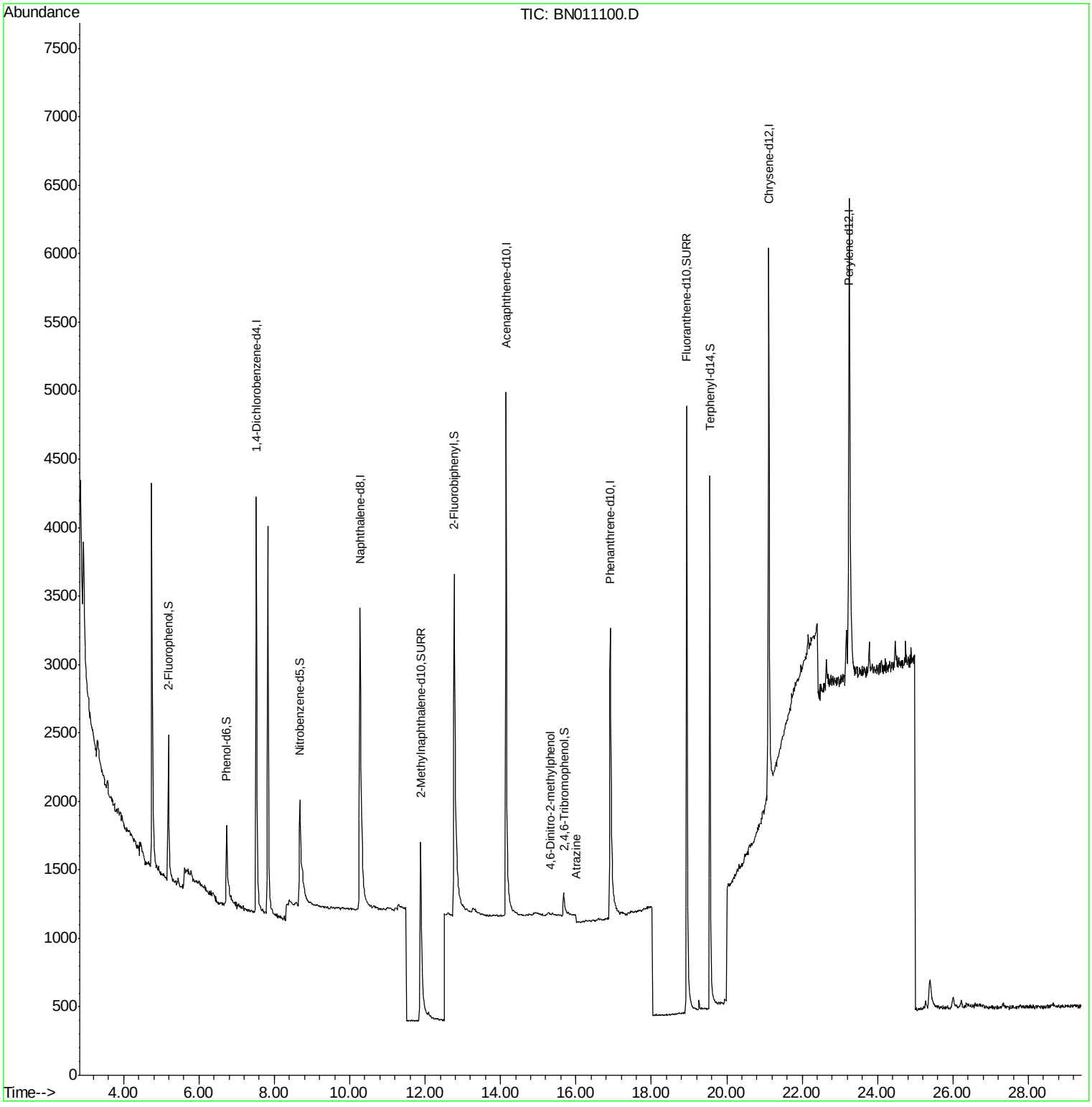
(#) = qualifier out of range (m) = manual integration (+) = signals summed

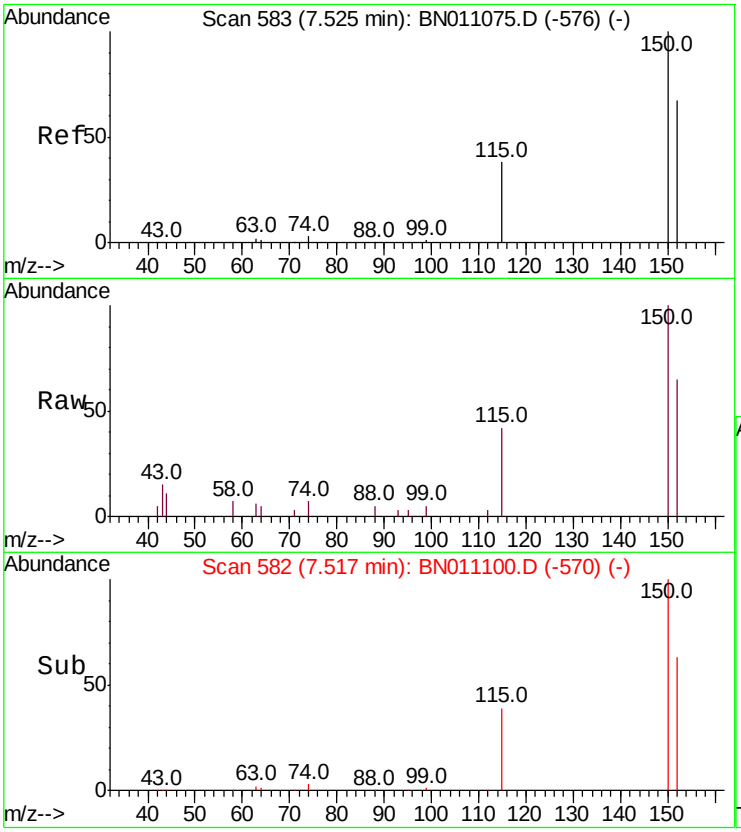
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN070620\
Data File : BN011100.D
Acq On : 06 Jul 2020 10:36
Operator : CG/JU
Sample : PB129902BL
Misc : MDL-SOIL-PBBL-05
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Quant Time: Jul 06 11:10:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN063020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 06 10:52:12 2020
Response via : Initial Calibration



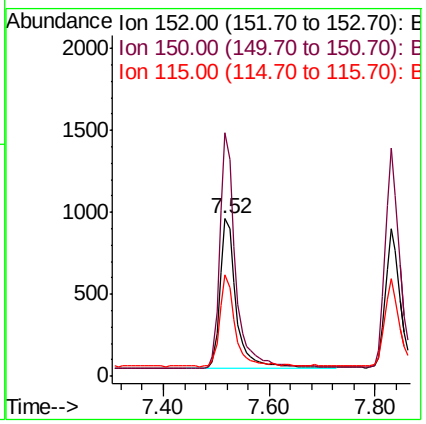


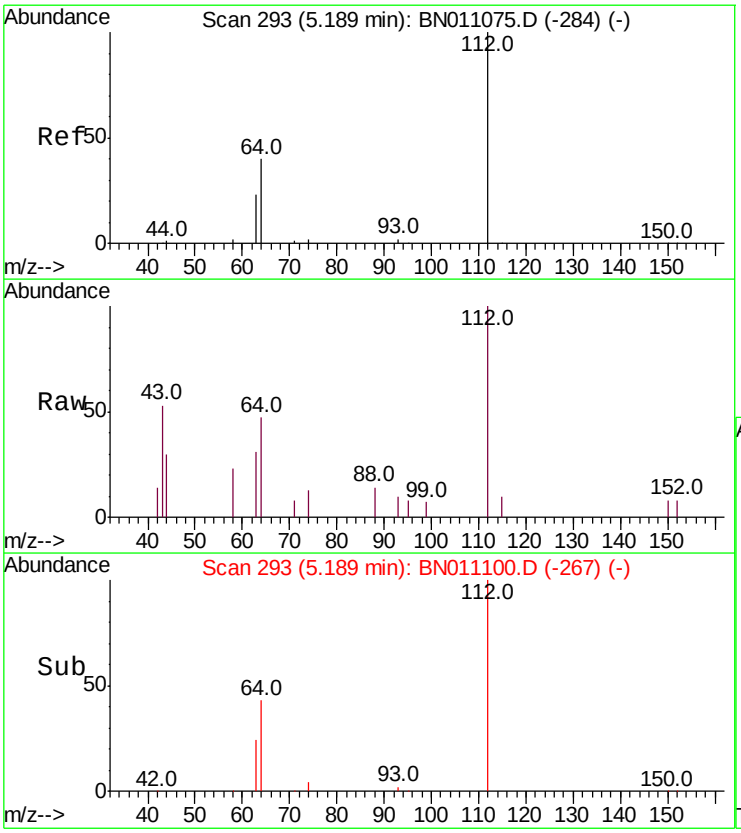
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.52 min Scan# 582
Delta R.T. -0.00 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Tgt Ion:152 Resp: 1952

Ion	Ratio	Lower	Upper
152	100		
150	154.4	117.4	176.0
115	64.3	47.9	71.9

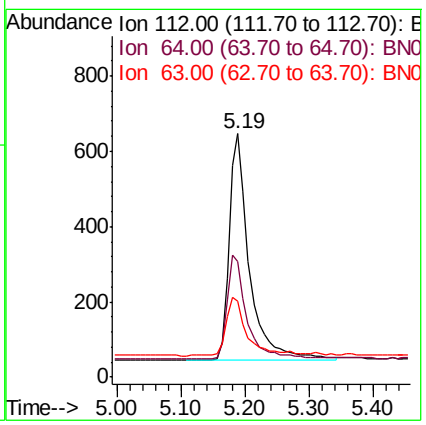


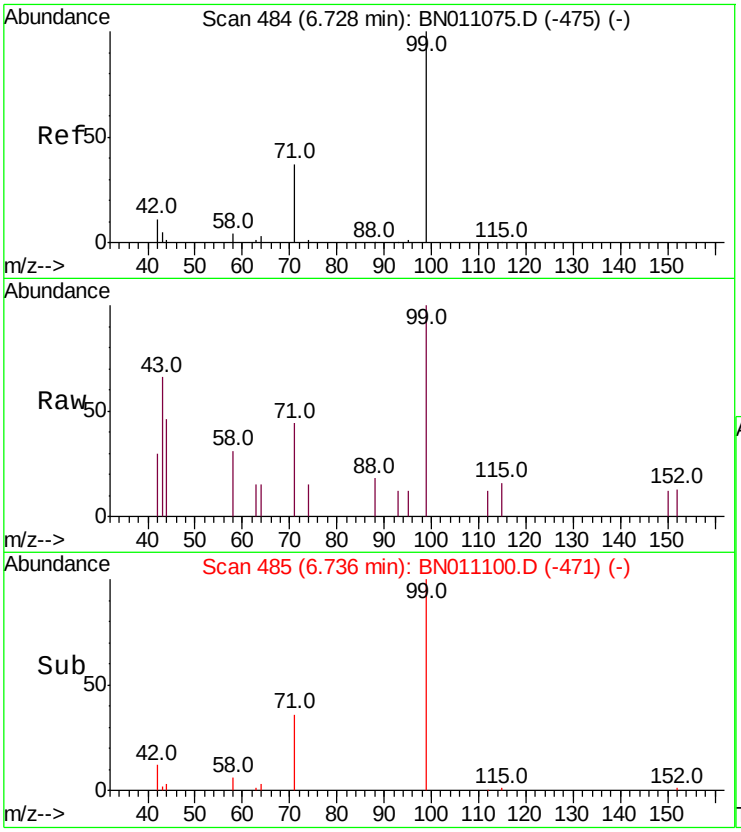


#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.19 min Scan# 293
Delta R.T. 0.01 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:112 Resp: 1299

Ion	Ratio	Lower	Upper
112	100		
64	45.3	36.5	54.7
63	26.2	20.6	30.8



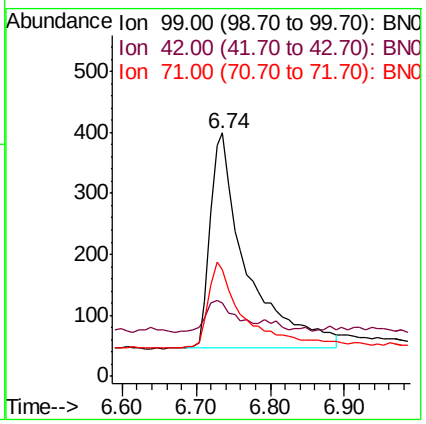


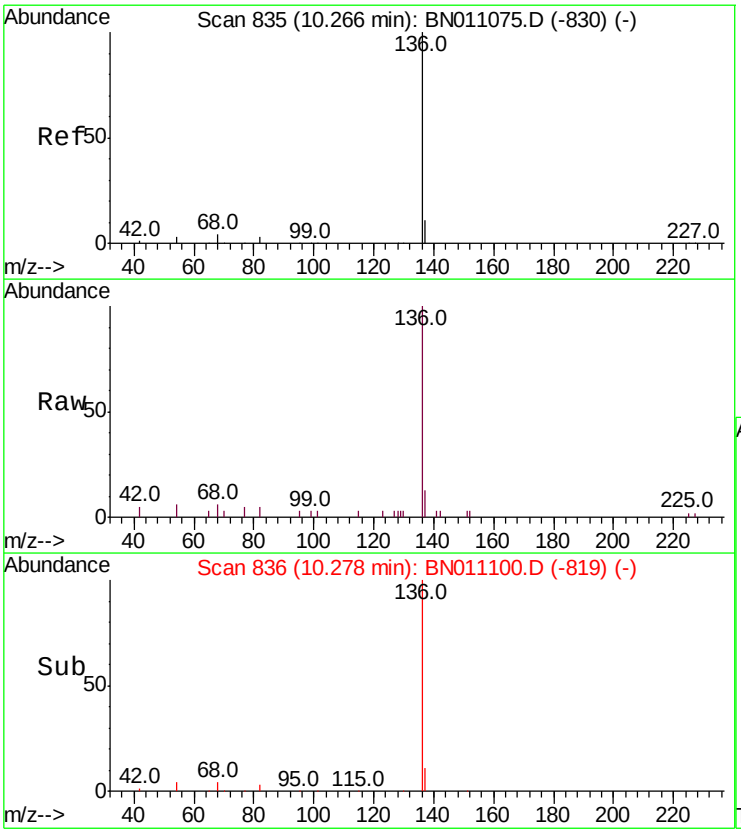
#5
Phenol-d6
Concen: 0.216 ng
RT: 6.74 min Scan# 485
Delta R.T. 0.02 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Tgt Ion: 99 Resp: 1206

Ion	Ratio	Lower	Upper
99	100		
42	12.2	9.8	14.8
71	40.0	30.7	46.1

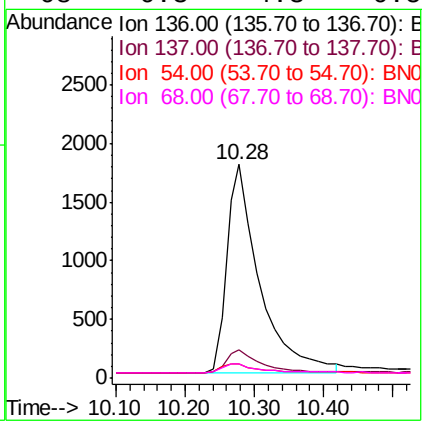


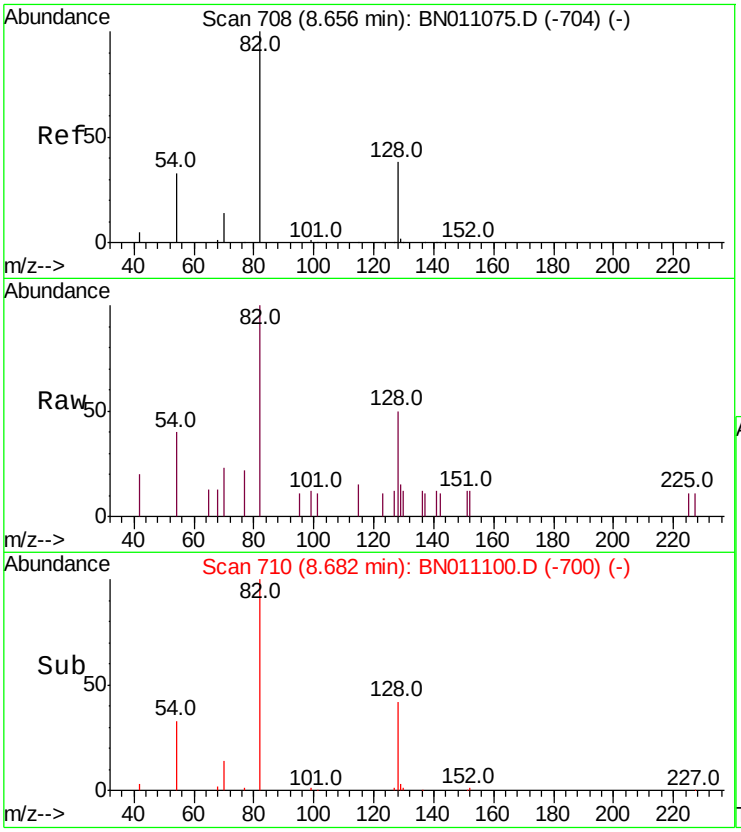


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. 0.01 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:136 Resp: 5857

Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.6	14.4
54	6.3	3.8	5.6#
68	6.3	4.3	6.5



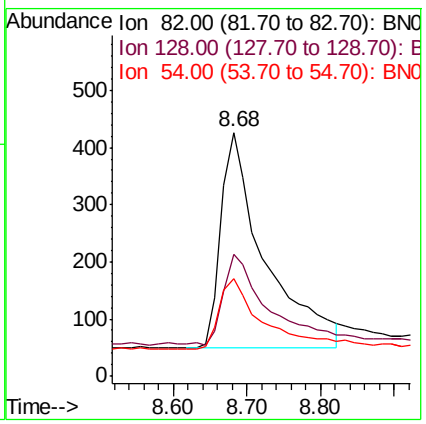


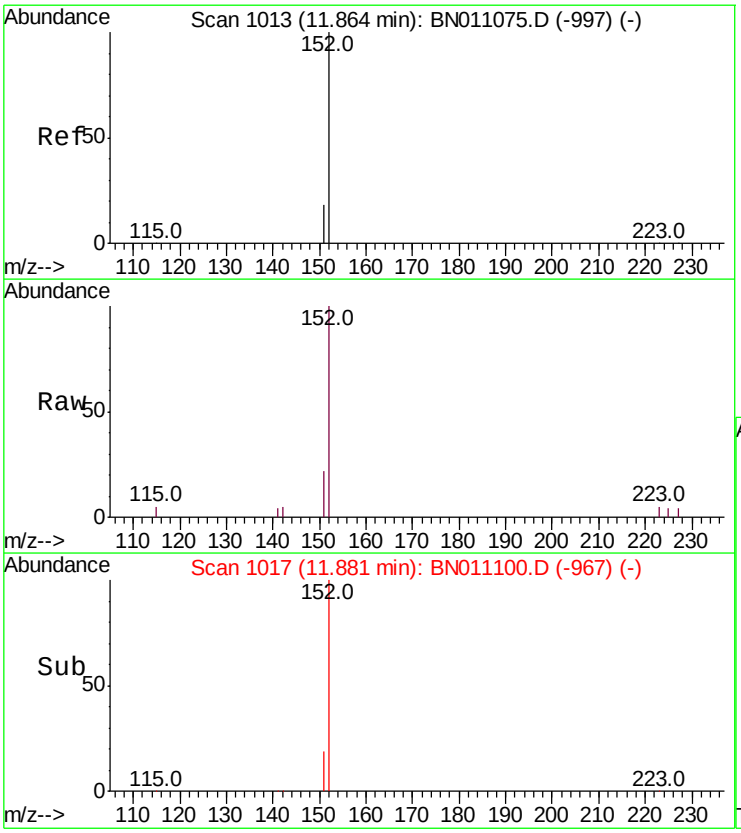
#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.68 min Scan# 710
Delta R.T. 0.03 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Tgt Ion: 82 Resp: 1563

Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.2	51.2
54	40.1	29.4	44.0

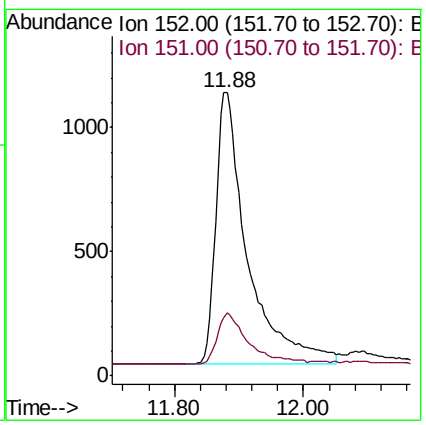


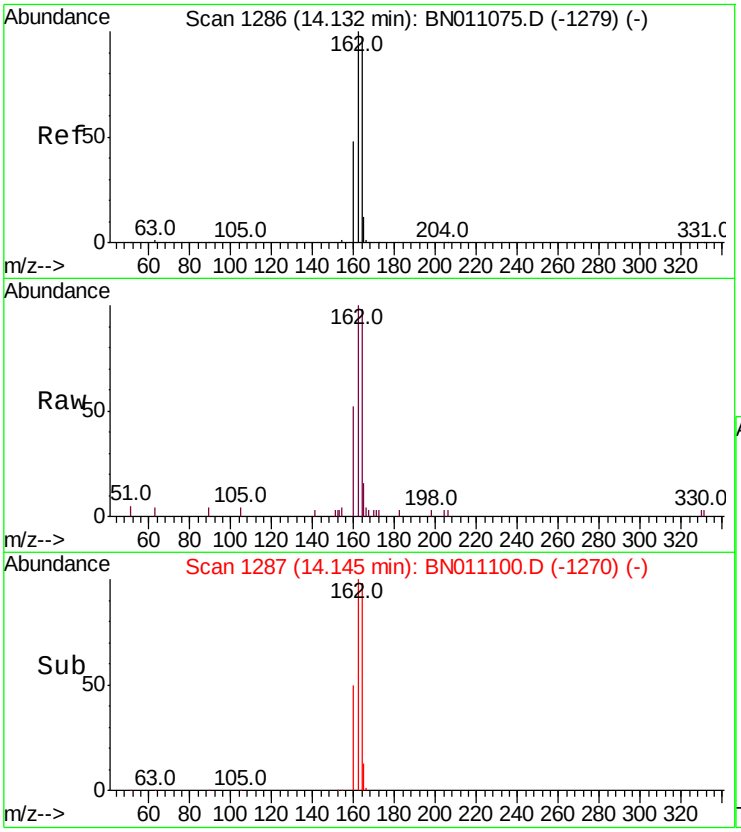


#11
2-Methylnaphthalene-d10
Concen: 0.367 ng
RT: 11.88 min Scan# 1017
Delta R.T. 0.02 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:152 Resp: 3721

Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.6	24.8



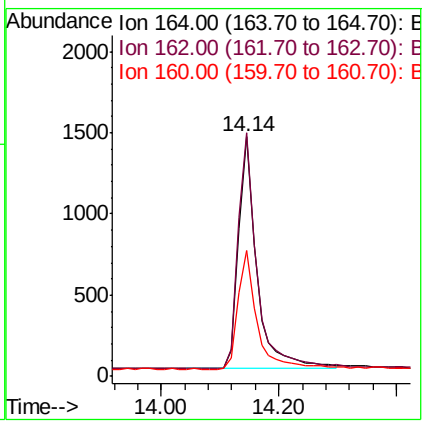


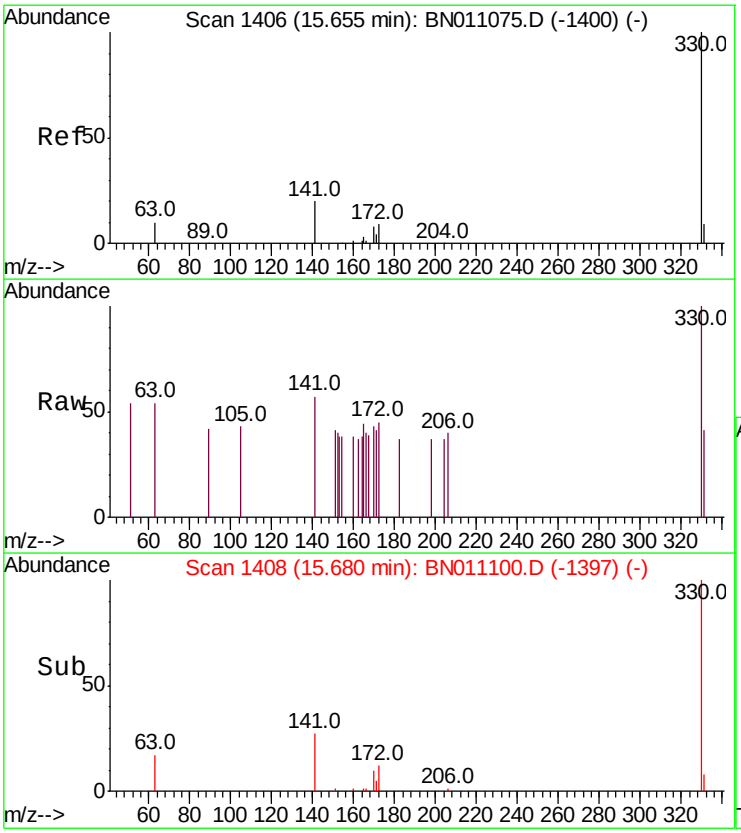
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.14 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument : BNA_N
ClientSampleId : PB129902BL

Tgt Ion:164 Resp: 3104

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.3	123.5
160	52.5	40.6	61.0

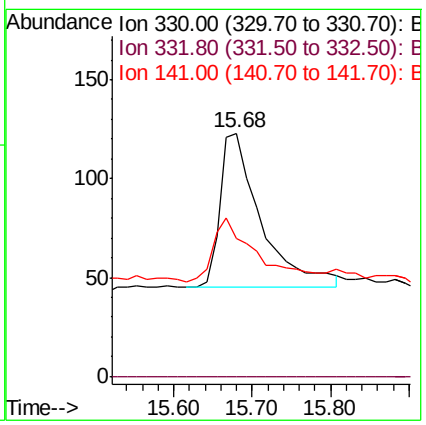


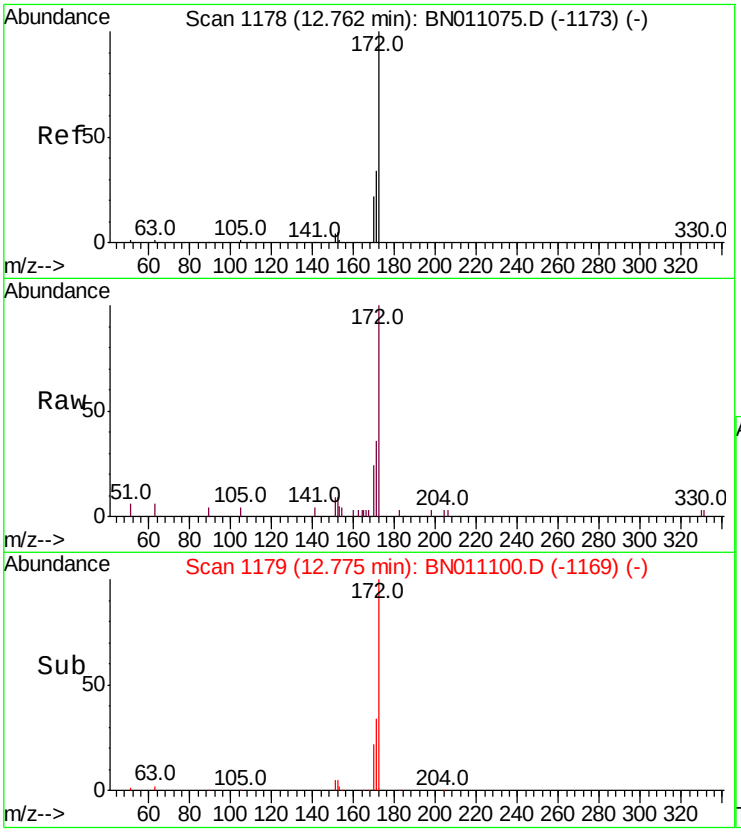


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.68 min Scan# 1408
Delta R.T. 0.04 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:330 Resp: 283

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	42.8	32.6	49.0



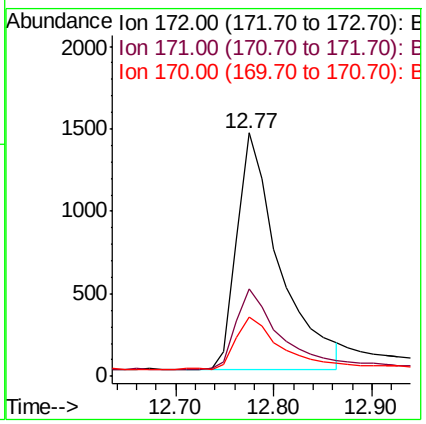


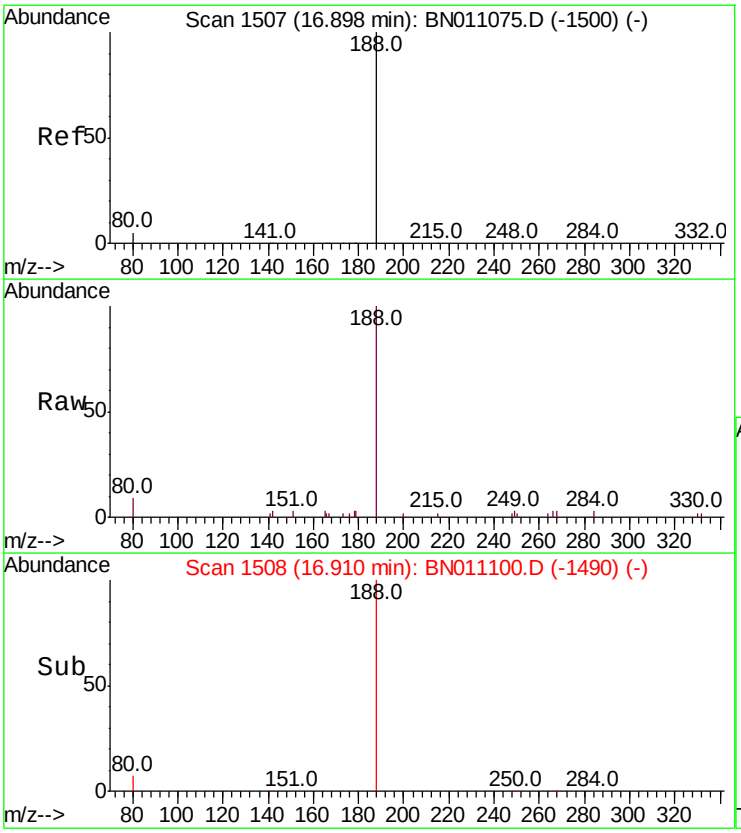
#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 12.77 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Tgt Ion:172 Resp: 4295

Ion	Ratio	Lower	Upper
172	100		
171	36.0	27.9	41.9
170	24.1	18.7	28.1

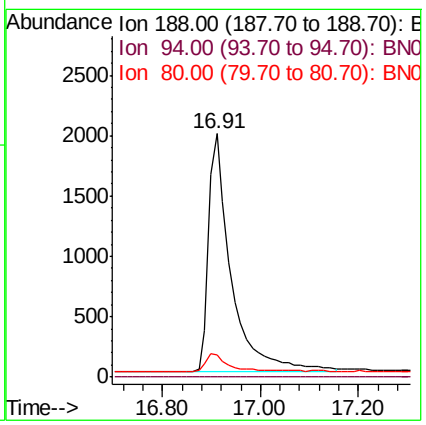


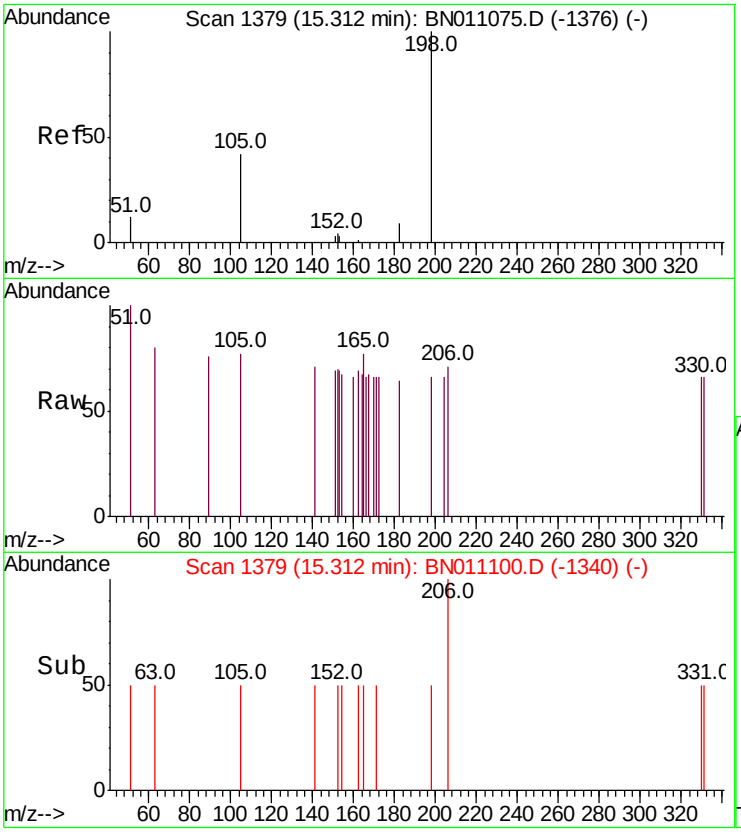


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1508
Delta R.T. 0.02 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:188 Resp: 6318

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	5.3	7.9#



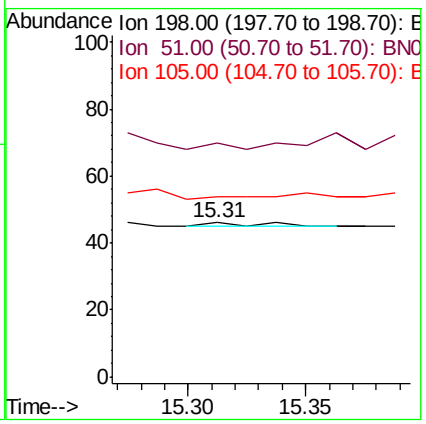


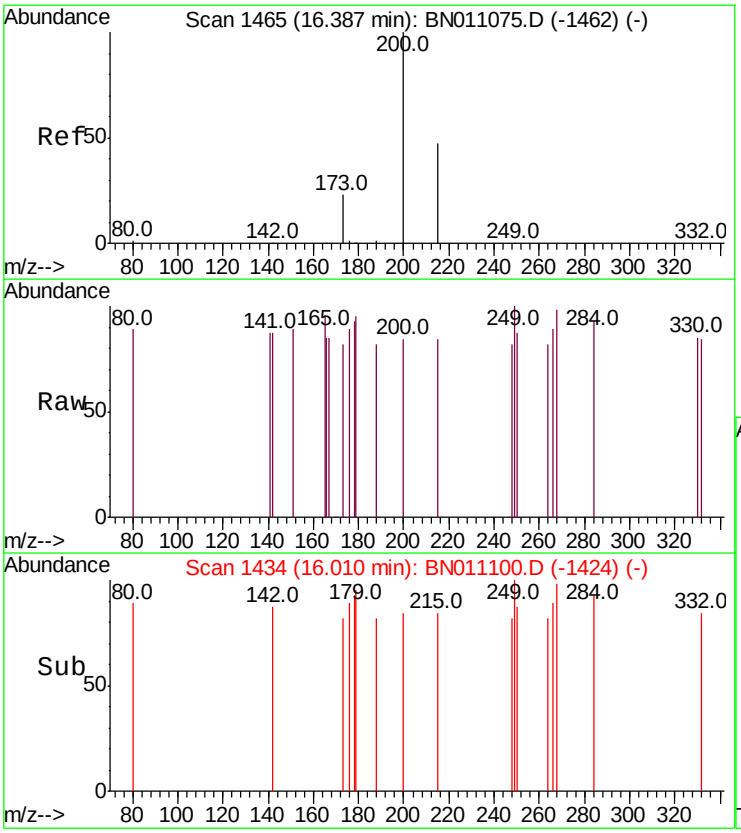
#20
4,6-Dinitro-2-methylphenol
Concen: 0.092 ng
RT: 15.31 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Tgt Ion:198 Resp: 2

Ion	Ratio	Lower	Upper
198	100		
51	152.2	58.2	87.4#
105	117.4	59.0	88.4#

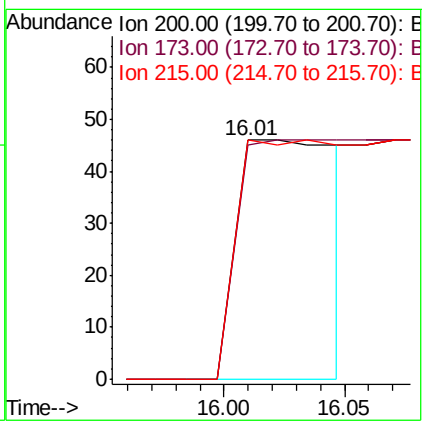


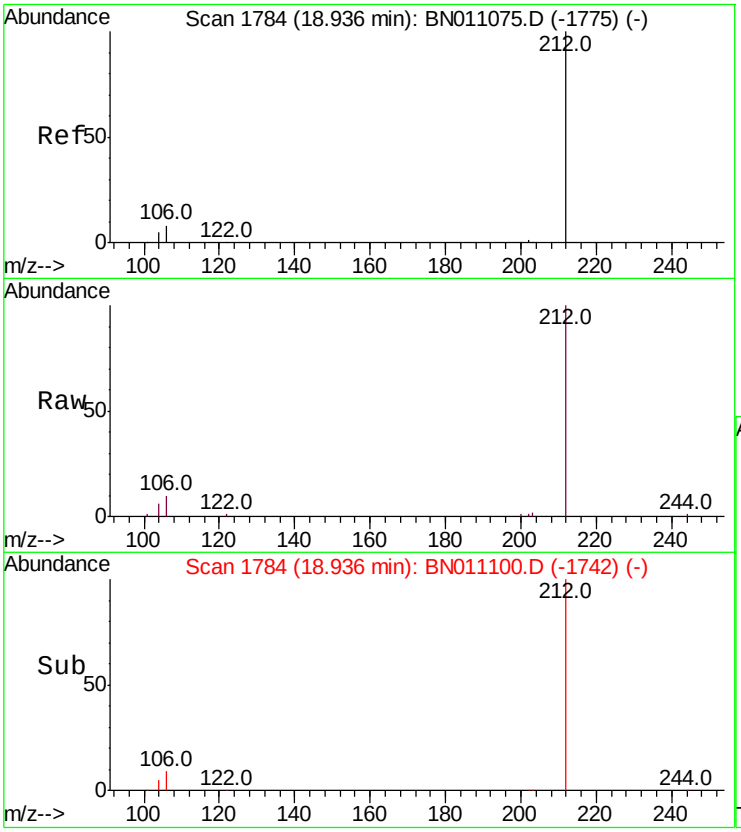


#23
Atrazine
Concen: 0.045 ng
RT: 16.01 min Scan# 1434
Delta R.T. -0.38 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:200 Resp: 135

Ion	Ratio	Lower	Upper
200	100		
173	97.8	22.8	34.2#
215	100.0	40.7	61.1#



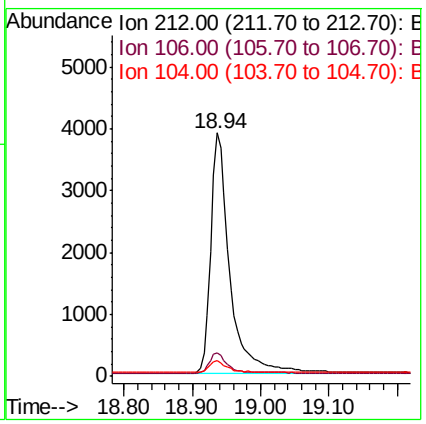


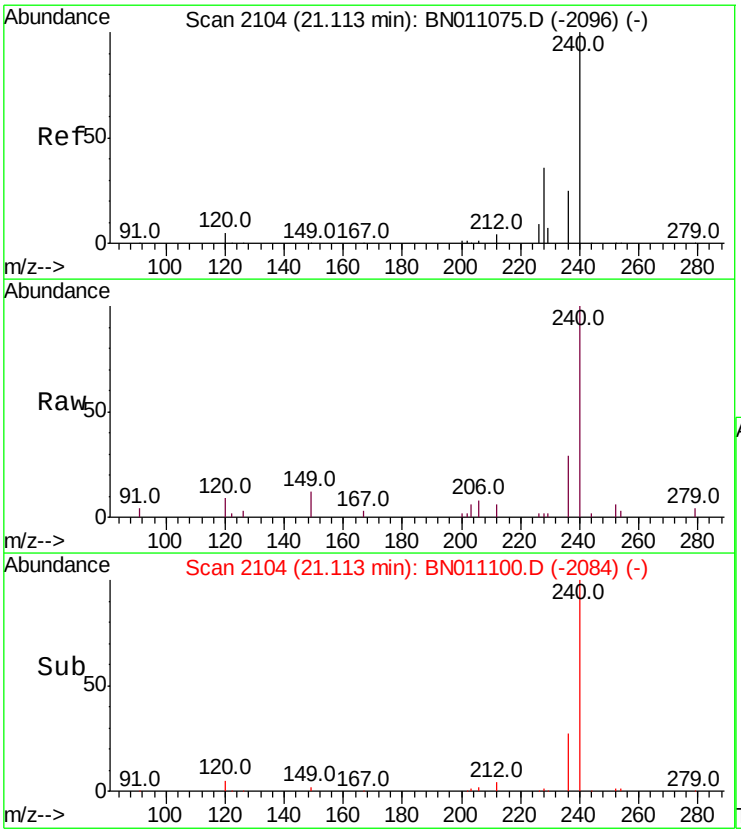
#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 18.94 min Scan# 1784
Delta R.T. 0.01 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument : BNA_N
ClientSampleId : PB129902BL

Tgt Ion:212 Resp: 7596

Ion	Ratio	Lower	Upper
212	100		
106	8.6	7.1	10.7
104	4.7	4.2	6.4

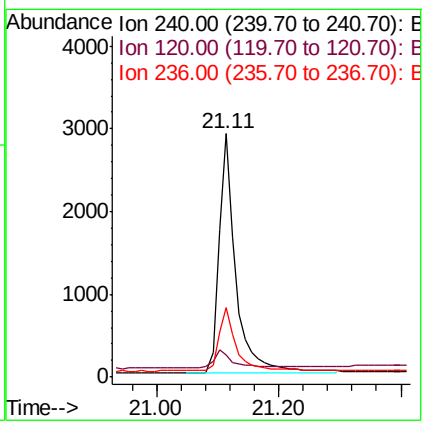


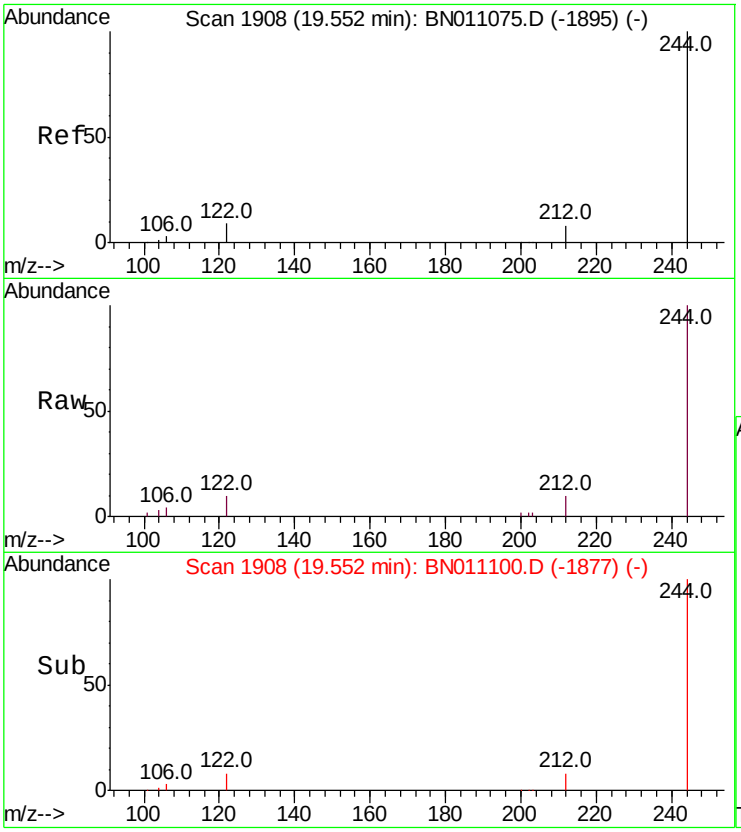


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:240 Resp: 5521

Ion	Ratio	Lower	Upper
240	100		
120	9.0	6.5	9.7
236	28.7	21.9	32.9



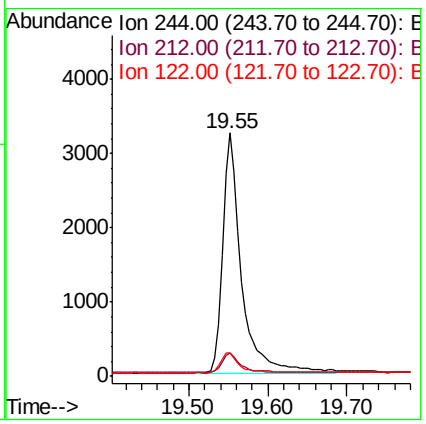


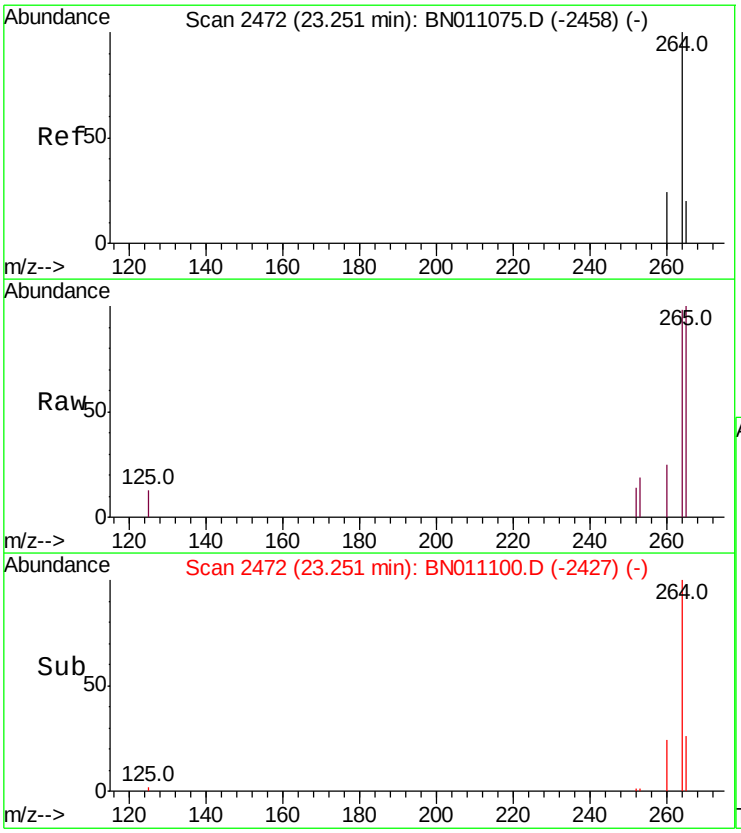
#31
Terphenyl-d14
Concen: 0.375 ng
RT: 19.55 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Instrument :
BNA_N
ClientSampleId :
PB129902BL

Tgt Ion:244 Resp: 5397

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.5	11.3
122	9.6	8.2	12.4





#36
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BN011100.D
Acq: 06 Jul 2020 10:36

Tgt Ion:264 Resp: 5740

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	102.4	83.0	124.6