Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010278.D
Acq On : 18 Mar 2020 23:56
Operator : CG/JU
Sample : L1945-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE122D1-20200312

Quant Time: Mar 19 01:44:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3772	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	12998	0.40	ng		-0.01
13) Acenaphthene-d10	14.25	164	7923	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	2642	0.40	ng		0.08
27) Chrysene-d12	21.19	240	19507	0.40	ng		-0.01
34) Perylene-d12	23.35	264	21878	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	1735	0.20	ng		0.00
5) Phenol-d6	6.81	99	1571	0.14	ng		0.00
8) Nitrobenzene-d5	8.76	82	5980	0.77	ng		-0.01
11) 2-Methylnaphthalene-d10	11.97	152	7949	0.37	ng		-0.02
14) 2,4,6-Tribromophenol	15.73	330	1214	0.43	ng		-0.02
15) 2-Fluorobiphenyl	12.86	172	23346	0.83	ng		-0.01
25) Fluoranthene-d10	19.02	212	22917	2.81	ng		-0.01
29) Terphenyl-d14	19.63	244	30423	0.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	13647	3.708	ng	#	52
6) bis(2-Chloroethyl)ether	7.06	93	187	0.020	ng		97
23) Phenanthrene	17.11	178	187	0.027	ng	#	86
26) Fluoranthene	19.05	202	342	0.039	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	1697	0.060	ng	#	97

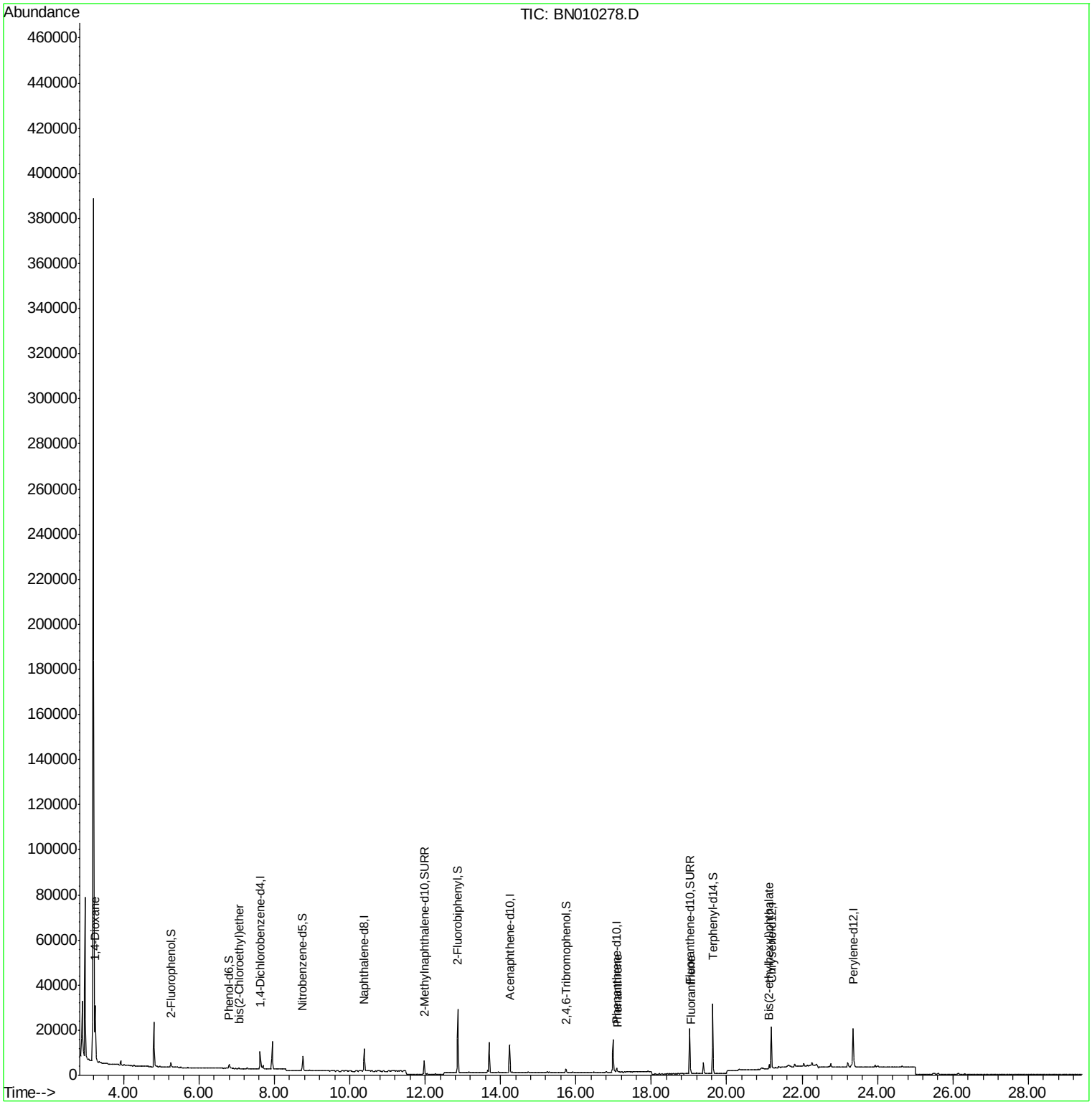
(#) = qualifier out of range (m) = manual integration (+) = signals summed

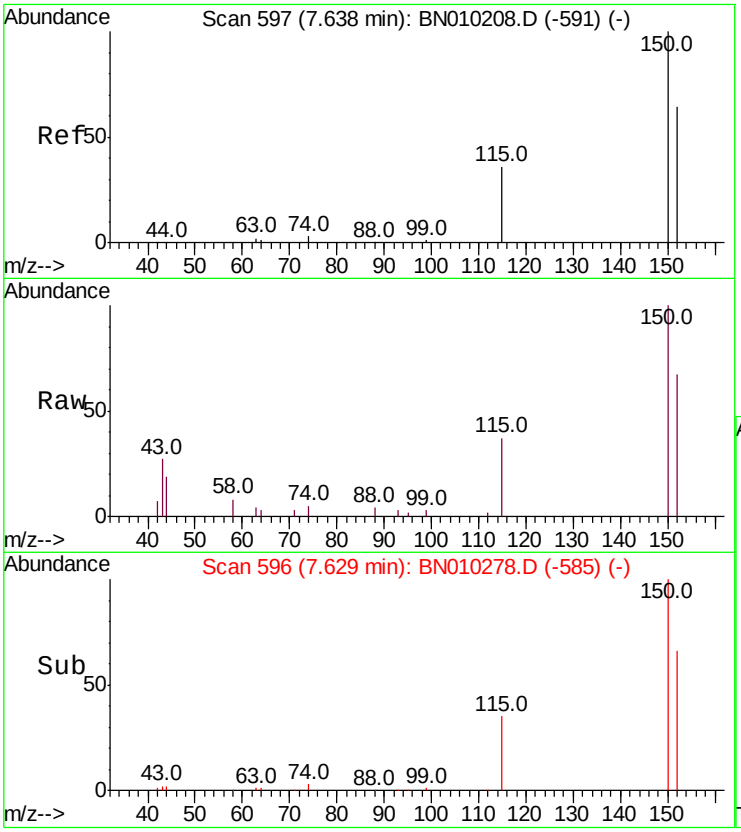
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010278.D
Acq On : 18 Mar 2020 23:56
Operator : CG/JU
Sample : L1945-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Quant Time: Mar 19 01:44:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration



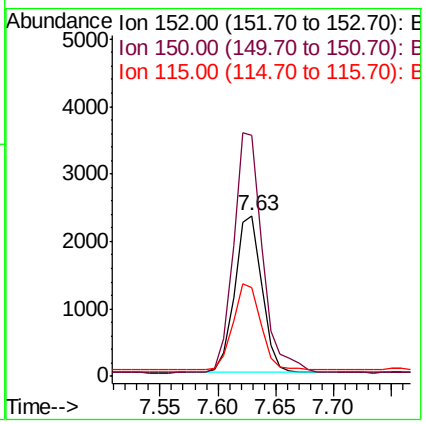


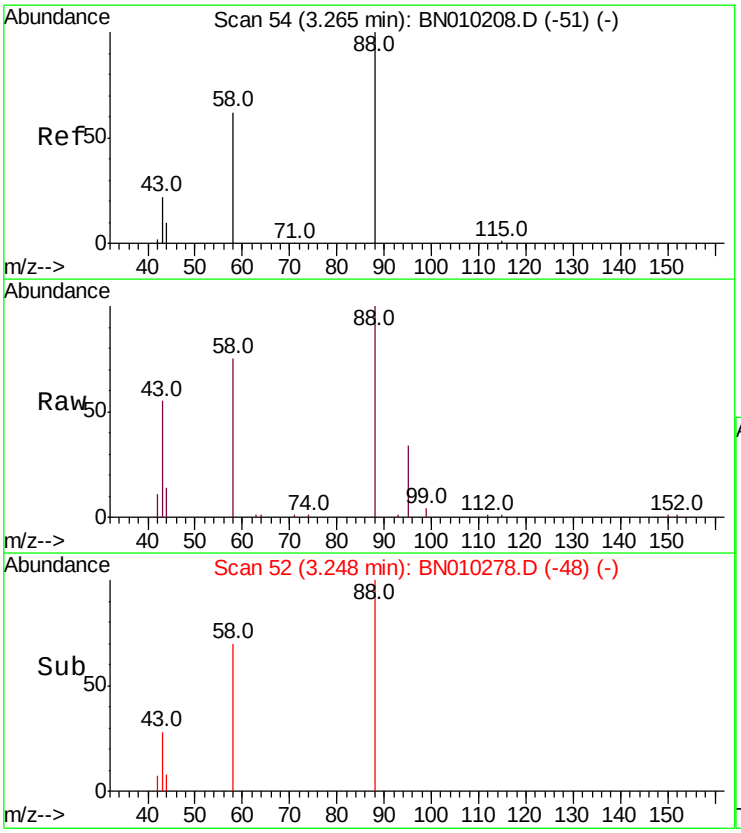
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:152 Resp: 3772

Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	55.5	50.9	76.3

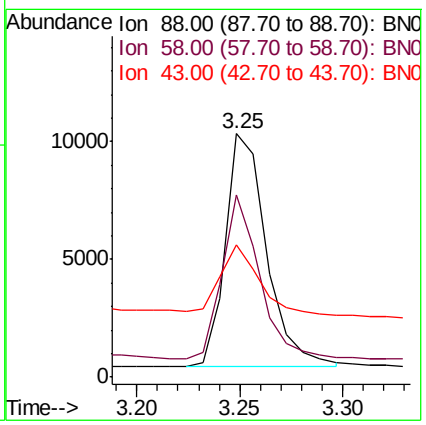


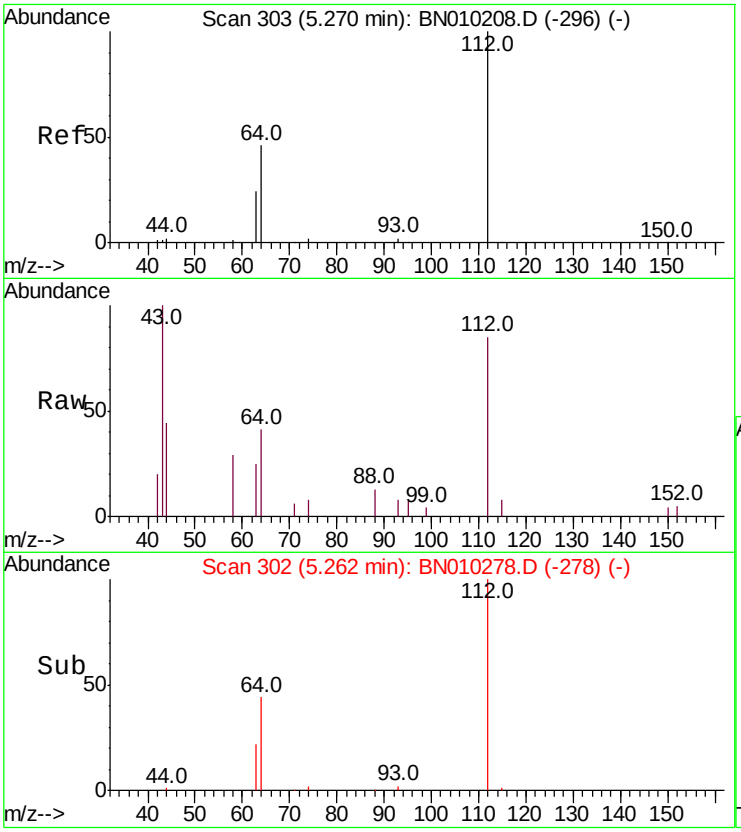


#2
1,4-Dioxane
Concen: 3.708 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion: 88 Resp: 13647

Ion	Ratio	Lower	Upper
88	100		
58	63.4	97.8	146.8#
43	28.4	45.1	67.7#



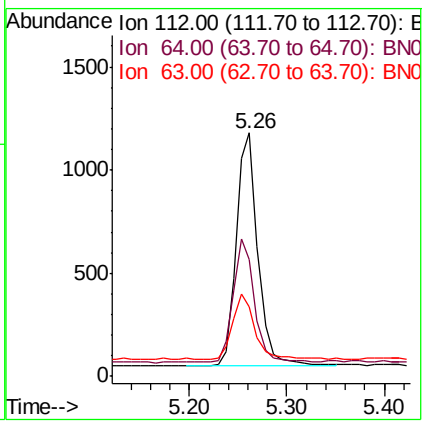


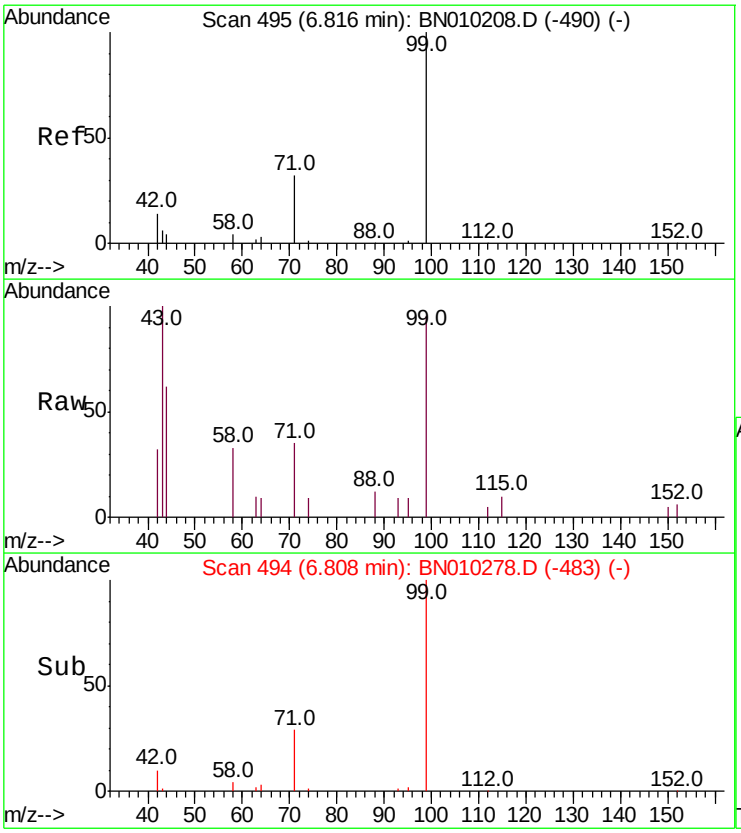
#4
2-Fluorophenol
Concen: 0.196 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:112 Resp: 1735

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	63.8
63	28.5	23.6	35.4

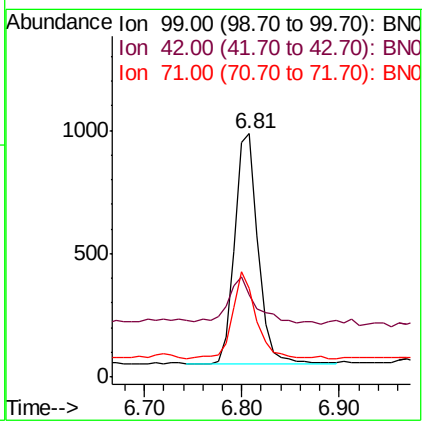


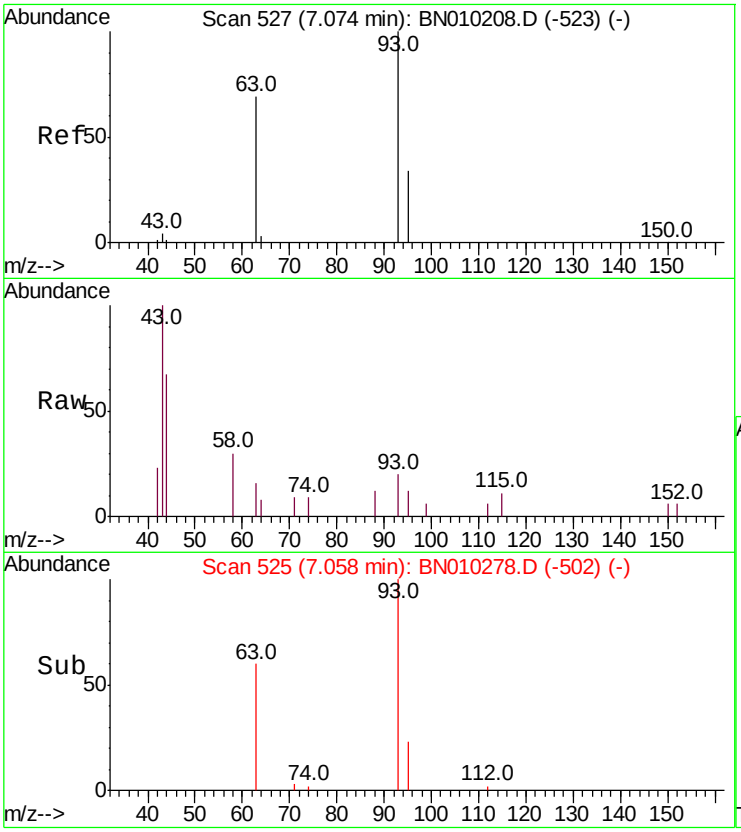


#5
Phenol-d6
Concen: 0.142 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion: 99 Resp: 1571

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.0	18.0#
71	38.7	22.6	33.8#



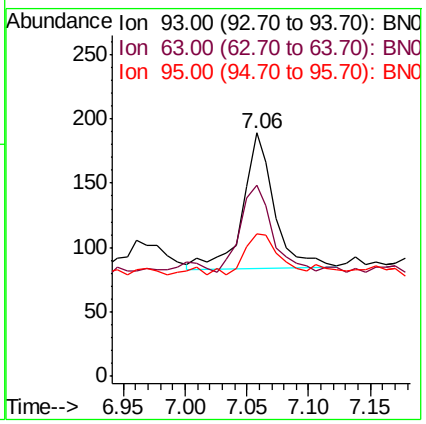


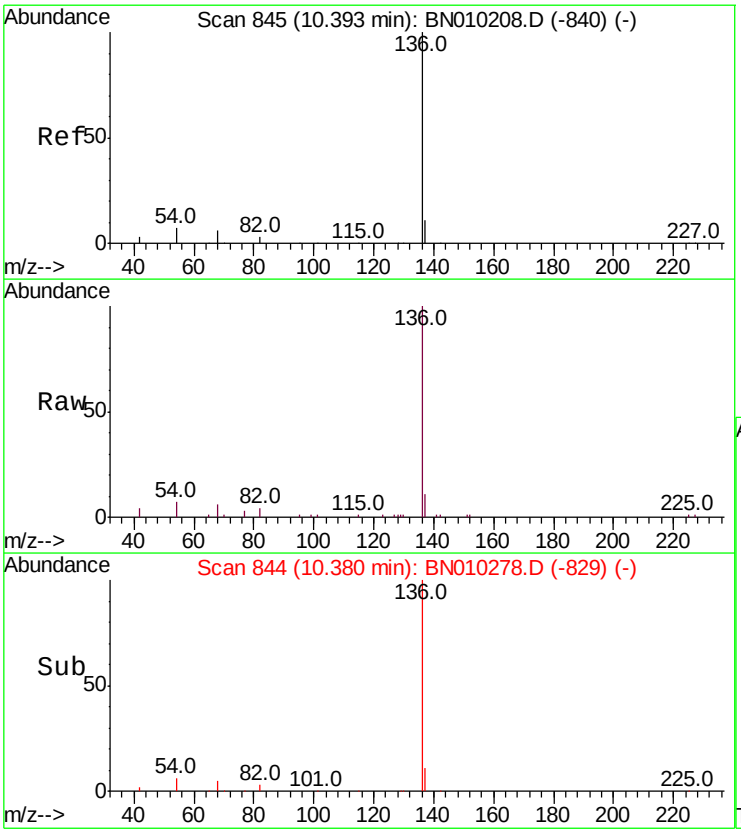
#6
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion: 93 Resp: 187

Ion	Ratio	Lower	Upper
93	100		
63	65.2	53.4	80.0
95	33.2	28.6	42.8

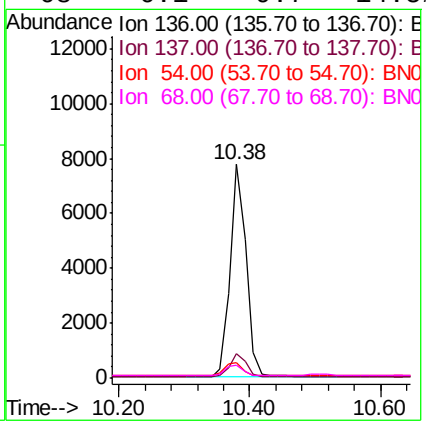


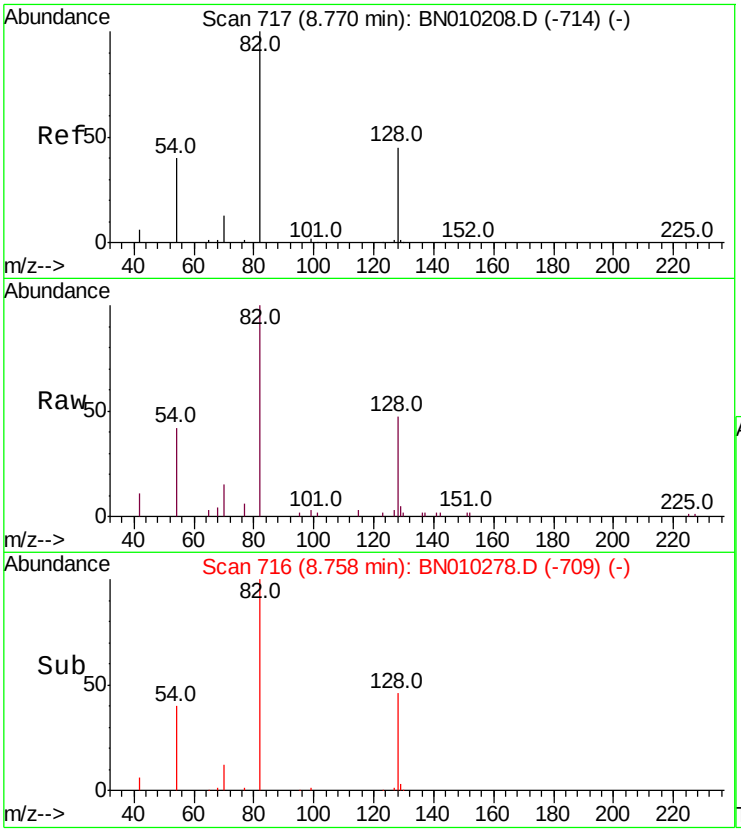


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:136 Resp: 12998

Ion	Ratio	Lower	Upper
136	100		
137	11.5	10.6	15.8
54	7.0	9.5	14.3#
68	6.1	9.7	14.5#



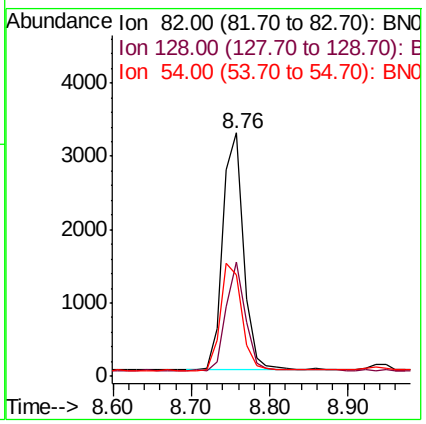


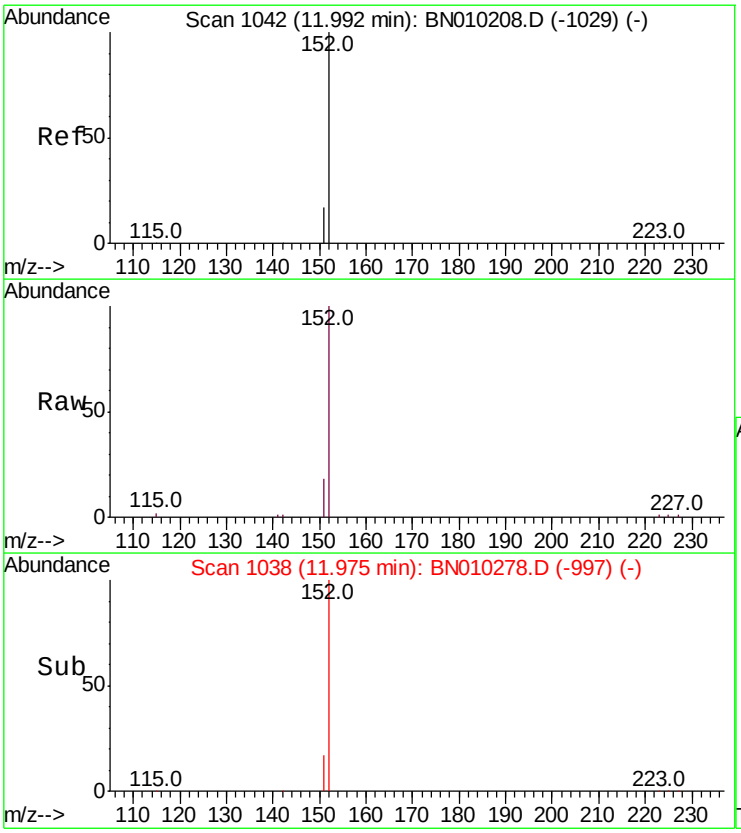
#8
Nitrobenzene-d5
Concen: 0.767 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion: 82 Resp: 5980

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.0	52.6
54	41.8	37.0	55.4

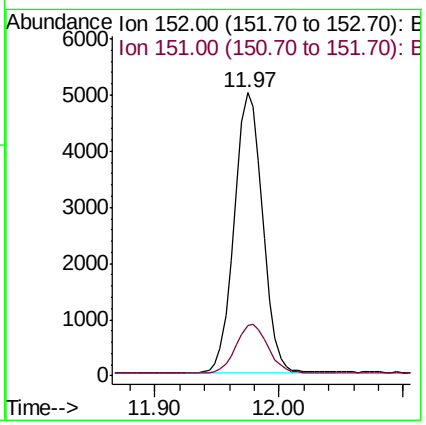


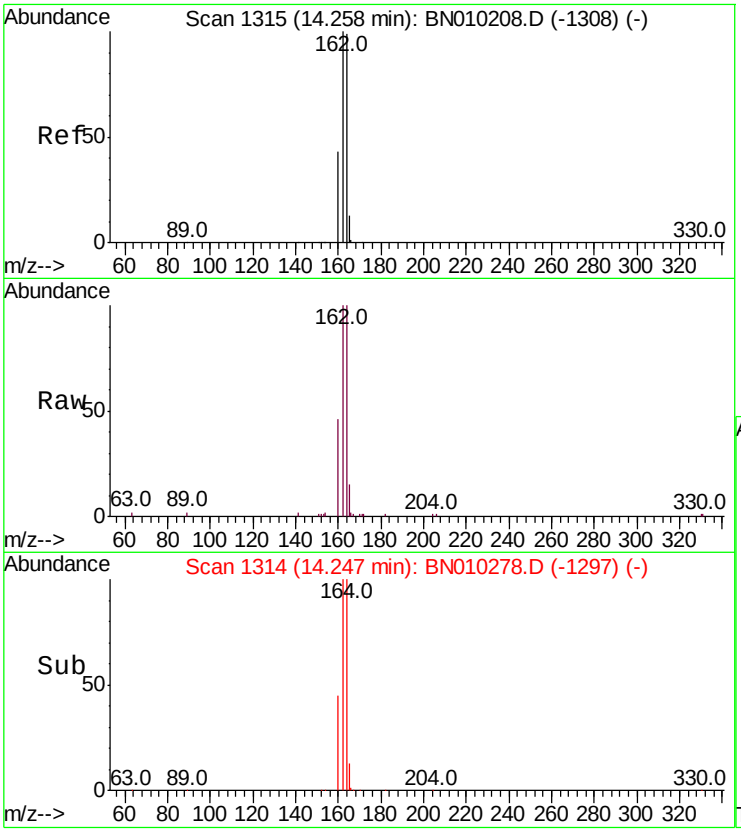


#11
2-Methylnaphthalene-d10
Concen: 0.370 ng
RT: 11.97 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:152 Resp: 7949

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.0	22.6



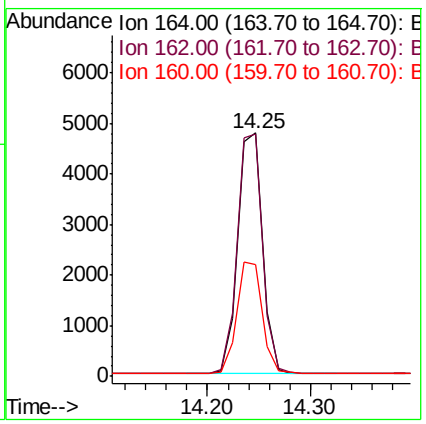


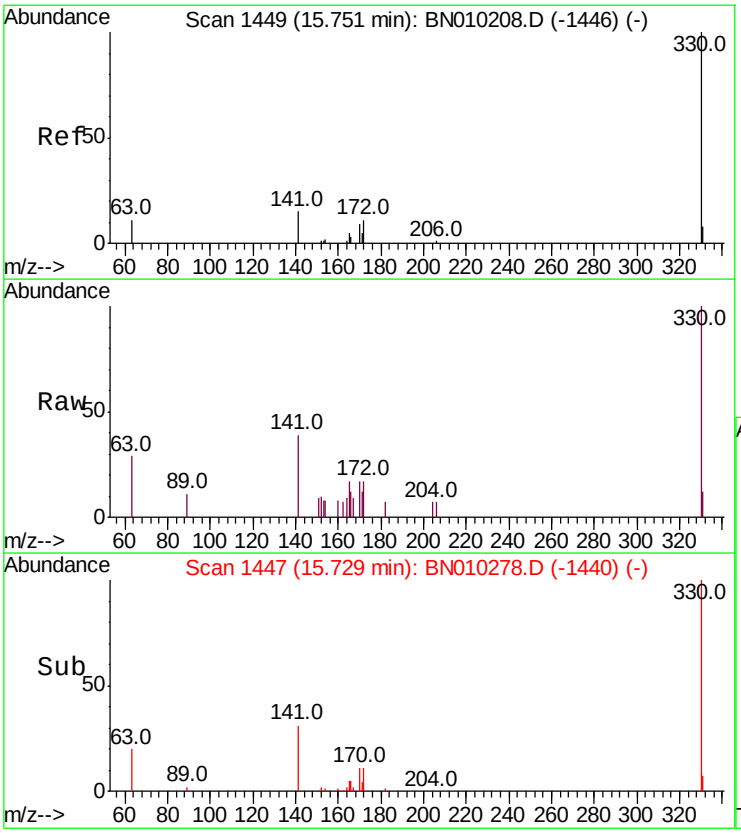
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:164 Resp: 7923

Ion	Ratio	Lower	Upper
164	100		
162	99.5	81.0	121.4
160	45.9	35.6	53.4

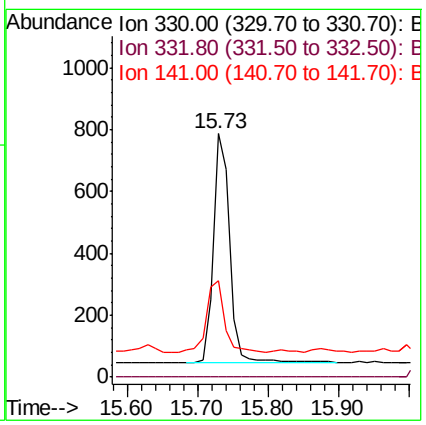


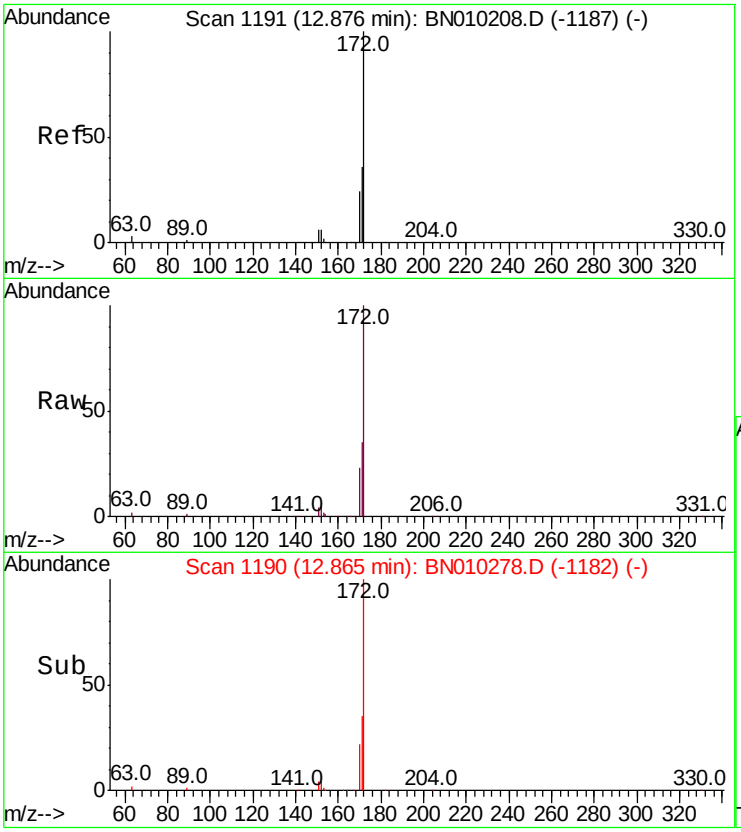


#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:330 Resp: 1214

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.2	25.1	37.7



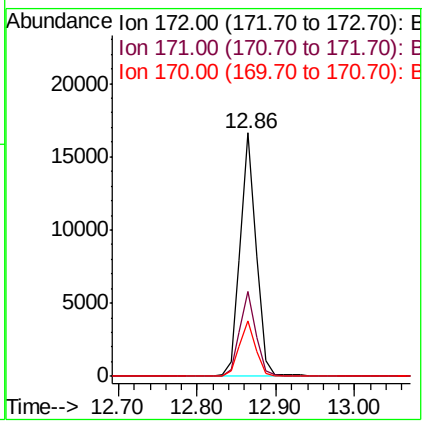


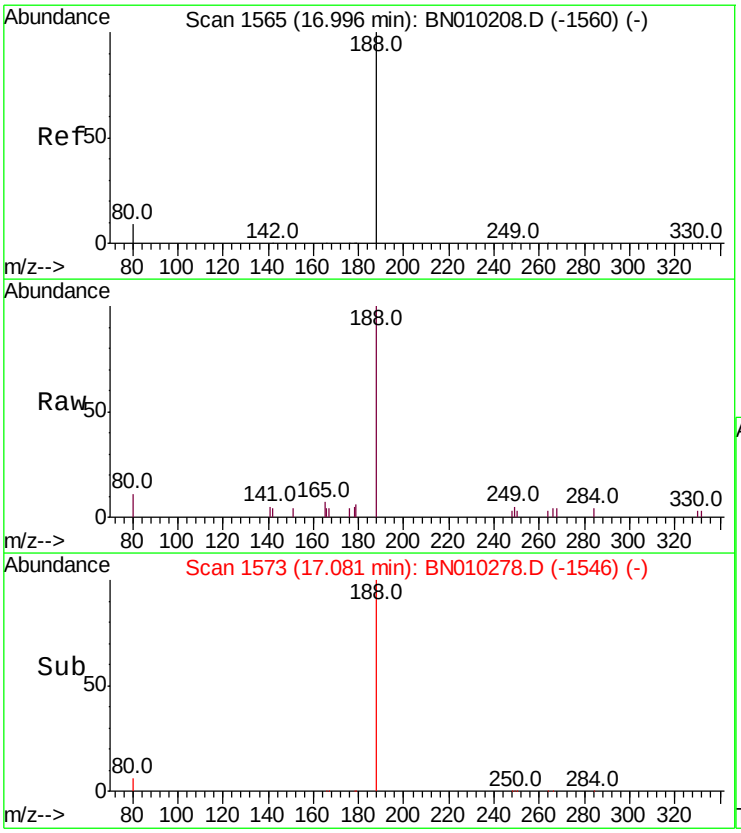
#15
2-Fluorobiphenyl
Concen: 0.828 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:172 Resp: 23346

Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.2
170	22.6	20.2	30.4

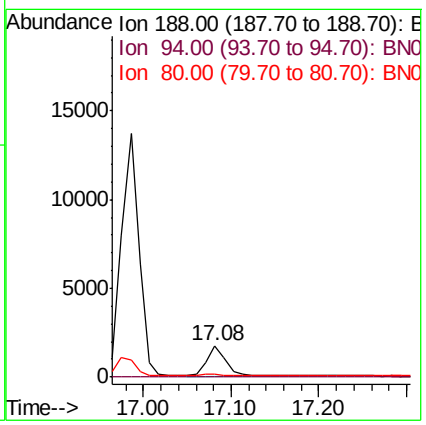


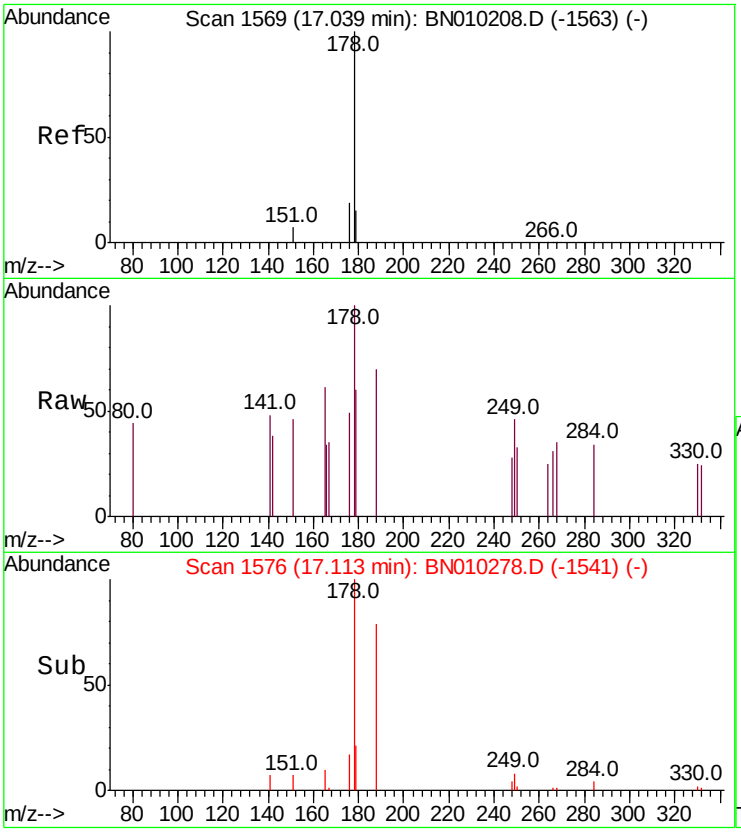


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. 0.08 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:188 Resp: 2642

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	8.6	12.8



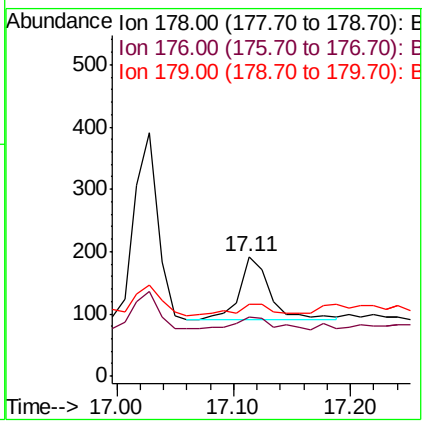


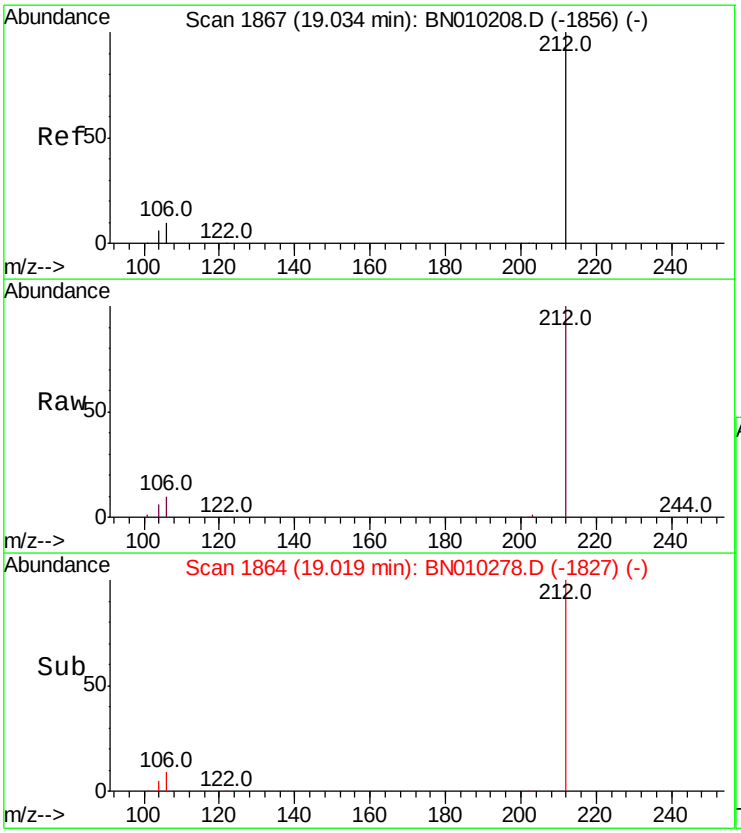
#23
Phenanthrene
Concen: 0.027 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.07 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:178 Resp: 187

Ion	Ratio	Lower	Upper
178	100		
176	23.0	15.0	22.4#
179	23.5	12.5	18.7#

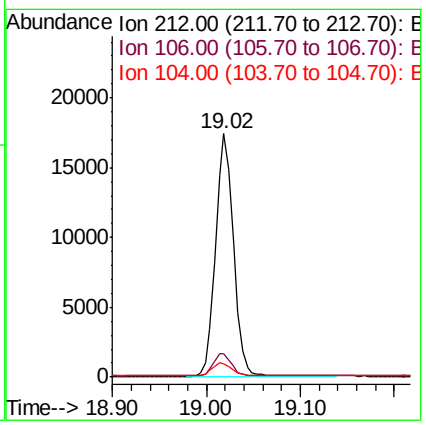


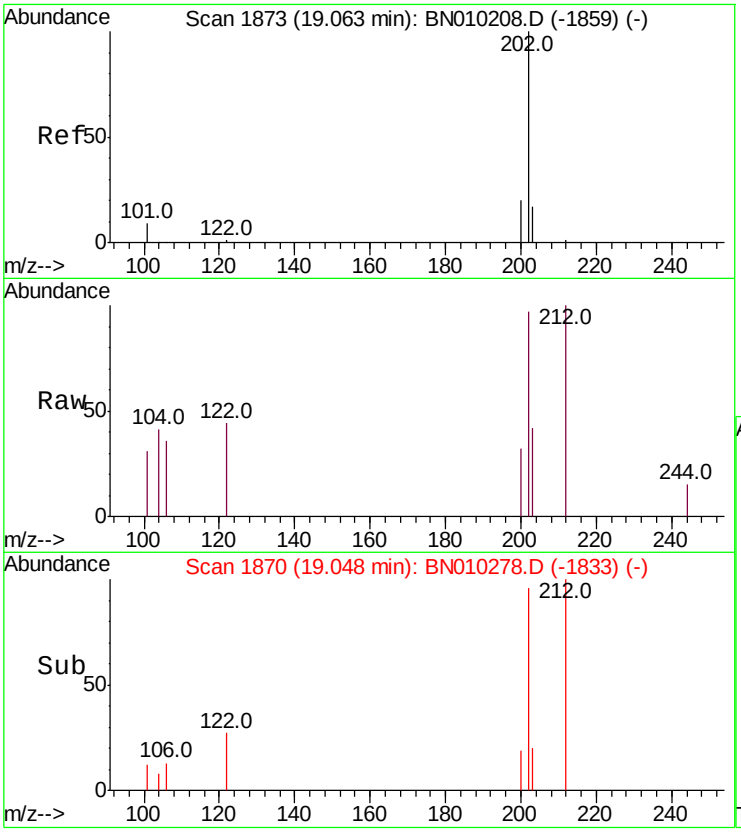


#25
Fluoranthene-d10
Concen: 2.810 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:212 Resp: 22917

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.1	12.1
104	5.3	4.7	7.1



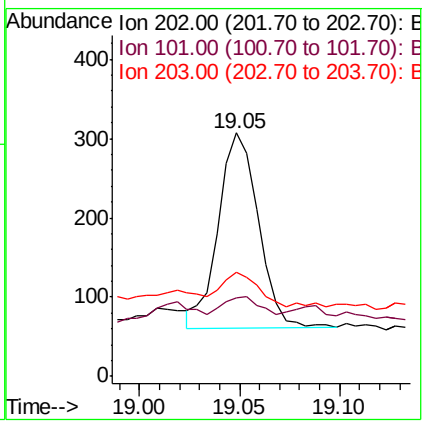


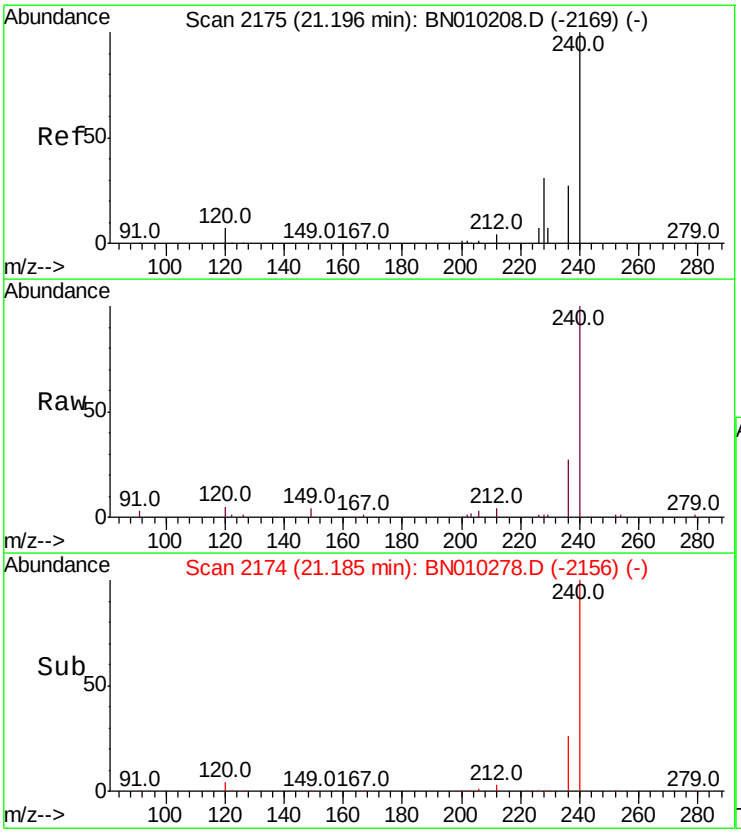
#26
Fluoranthene
Concen: 0.039 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:202 Resp: 342

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.6
203	16.4	13.9	20.9

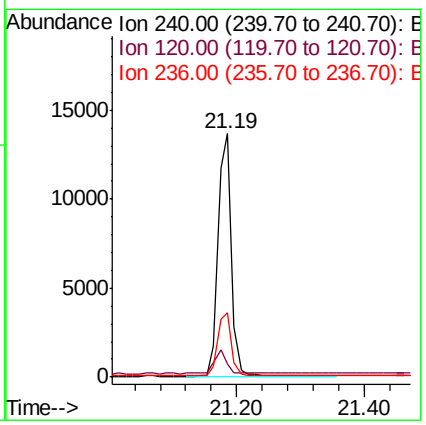


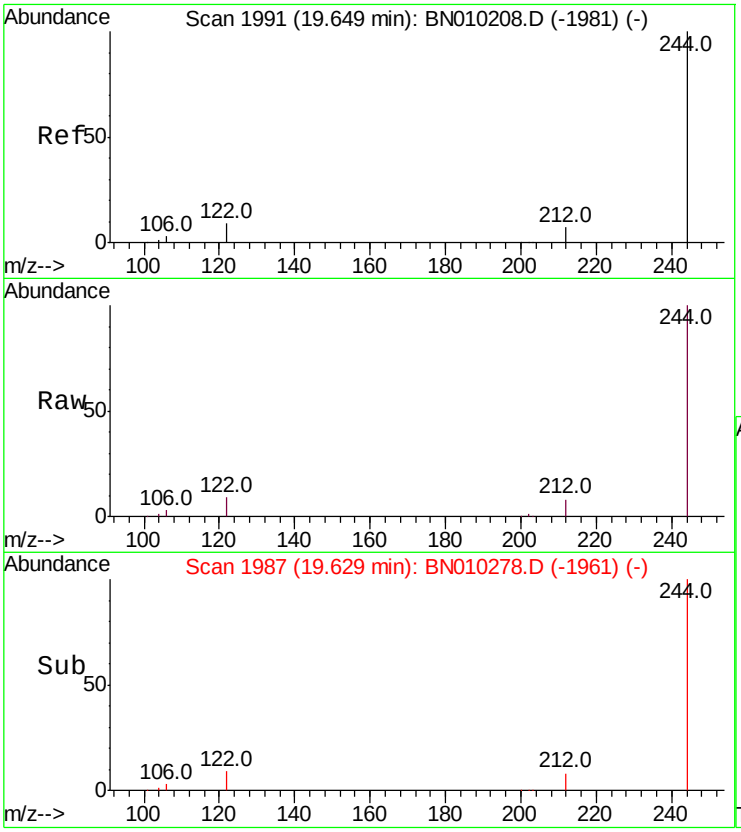


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:240 Resp: 19507

Ion	Ratio	Lower	Upper
240	100		
120	5.3	7.7	11.5#
236	26.6	21.8	32.6



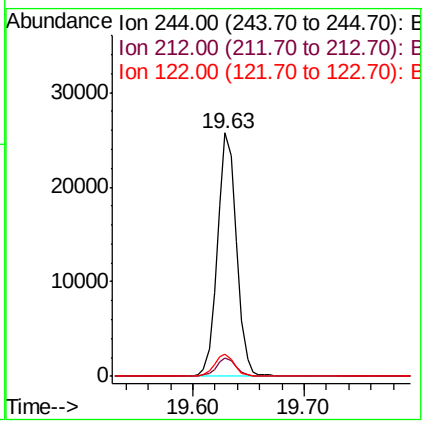


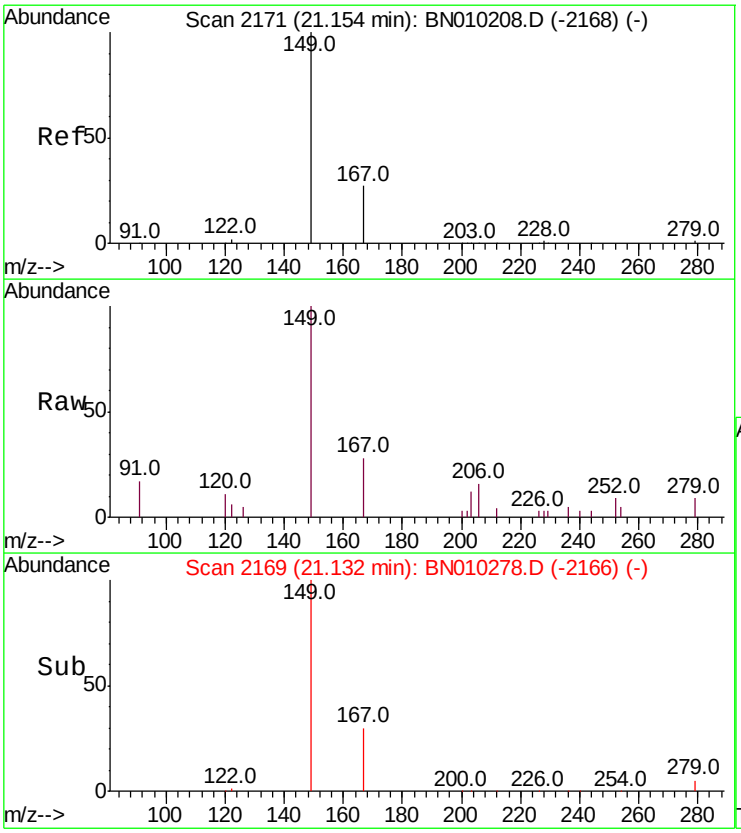
#29
Terphenyl-d14
Concen: 0.684 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:244 Resp: 30423

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	9.2	8.1	12.1

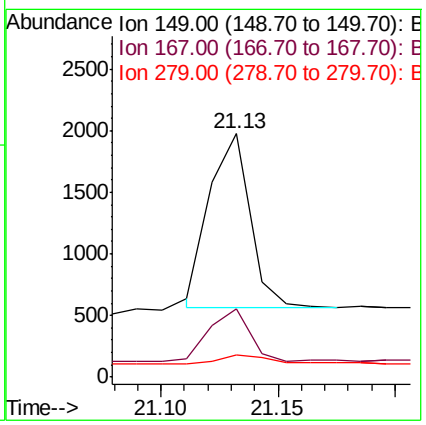


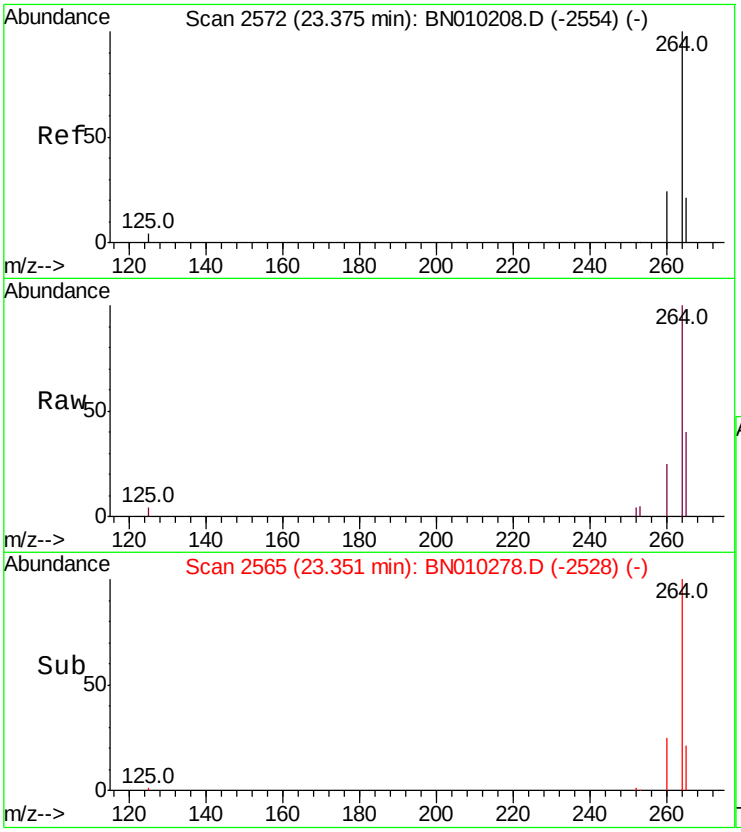


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.060 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Tgt Ion:149 Resp: 1697

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.0	31.4
279	5.8	3.1	4.7#





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BN010278.D
Acq: 18 Mar 2020 23:56

Instrument :
BNA_N
ClientSampleId :
RE122D1-20200312

Tgt Ion:264 Resp: 21878

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	40.1	25.8	38.6#