Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010864.D
Acq On : 13 Jun 2020 04:31
Operator : CG/JU
Sample : L2988-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D5-20200608

Quant Time: Jun 13 05:38:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2434	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	8834	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	4909	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	10014	0.40	ng		0.00
27) Chrysene-d12	21.12	240	10823	0.40	ng		0.00
34) Perylene-d12	23.27	264	11888	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	124	0.03	ng		0.00
5) Phenol-d6	6.74	99	106	0.02	ng		0.00
8) Nitrobenzene-d5	8.68	82	2388	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.89	152	4365	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	420	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	7068	0.36	ng		0.00
25) Fluoranthene-d10	18.96	212	10627	0.38	ng		0.00
29) Terphenyl-d14	19.57	244	13444	0.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	12483	5.236	ng		98
6) bis(2-Chloroethyl)ether	6.99	93	313	0.058	ng		92
23) Phenanthrene	16.96	178	630	0.023	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.07	149	8608	0.812	ng		97

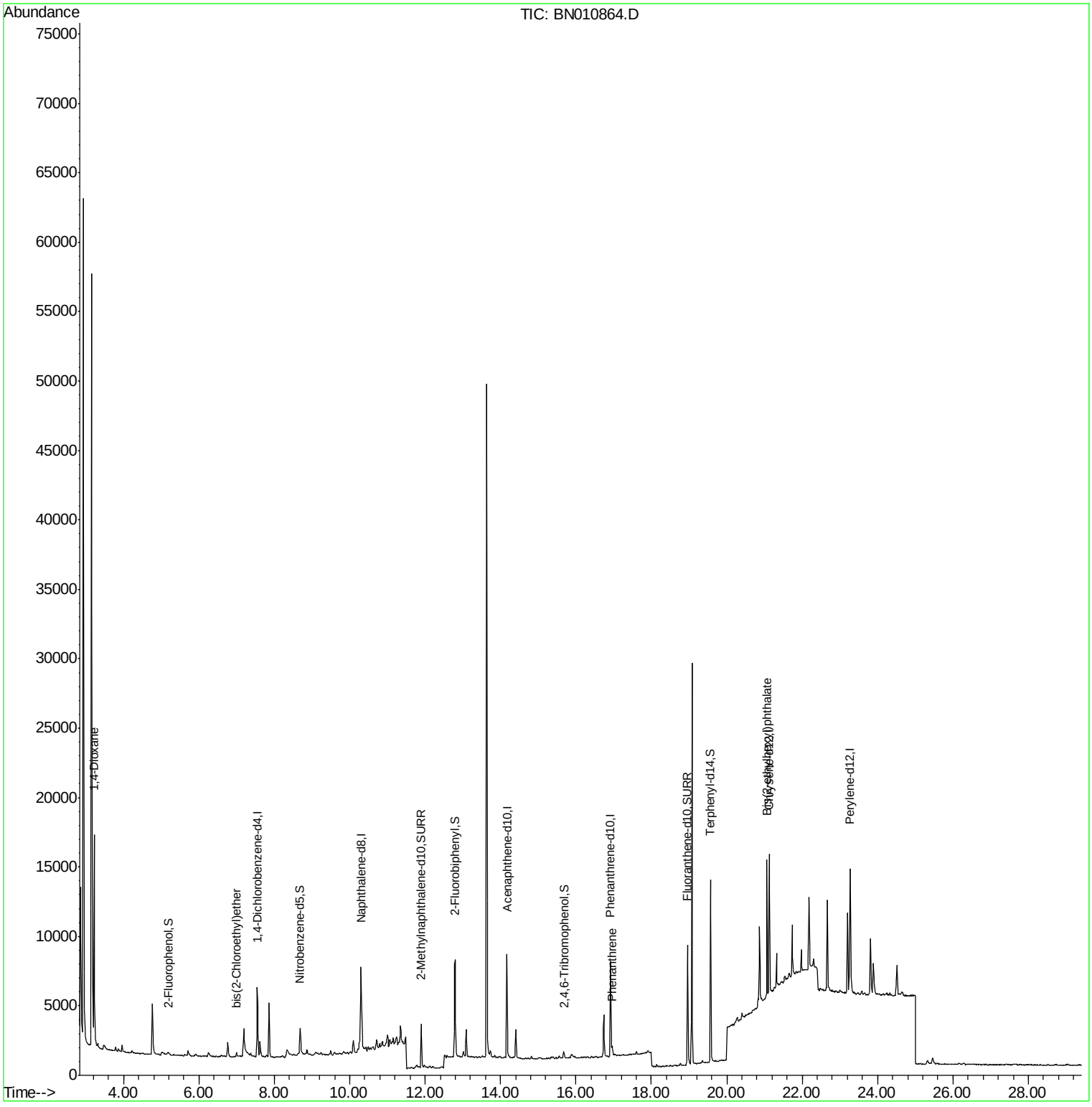
(#) = qualifier out of range (m) = manual integration (+) = signals summed

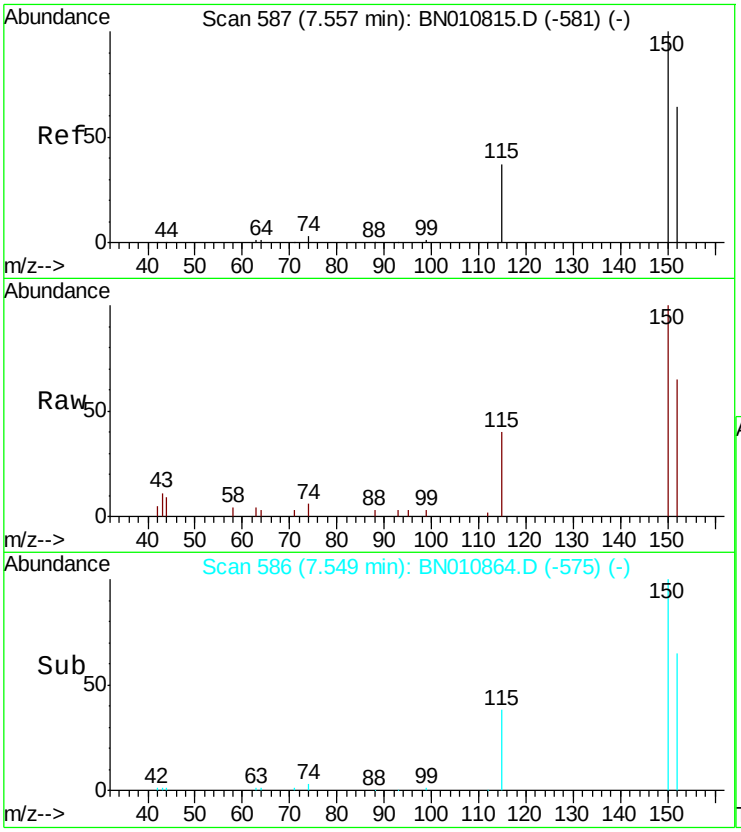
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061220\
Data File : BN010864.D
Acq On : 13 Jun 2020 04:31
Operator : CG/JU
Sample : L2988-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Quant Time: Jun 13 05:38:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 11:11:17 2020
Response via : Initial Calibration



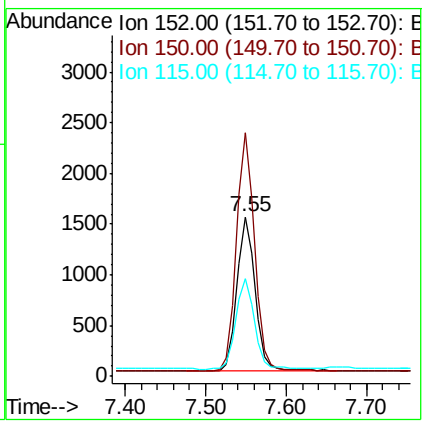


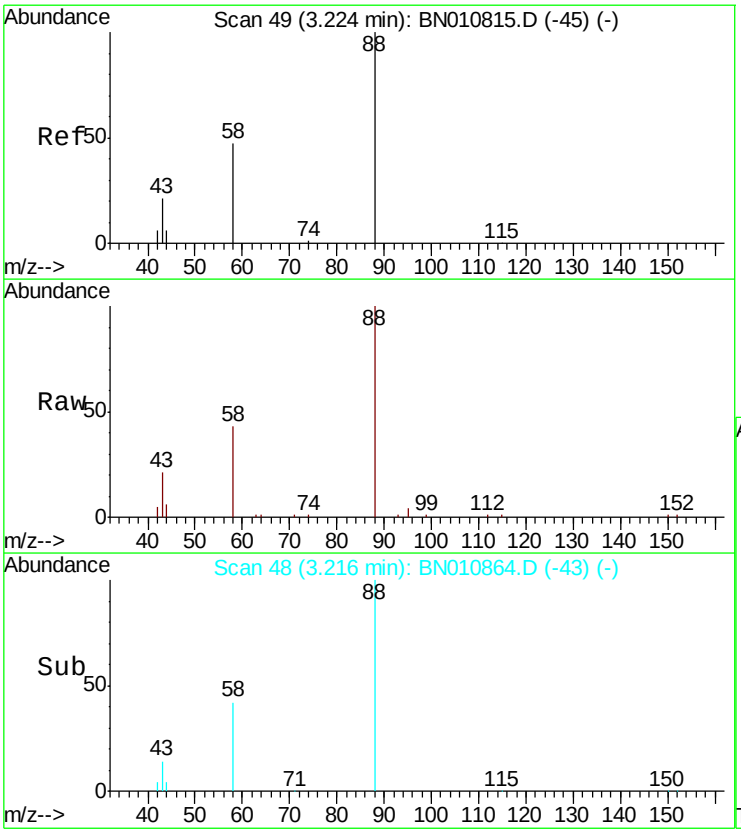
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:152 Resp: 2434

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	61.4	49.2	73.8

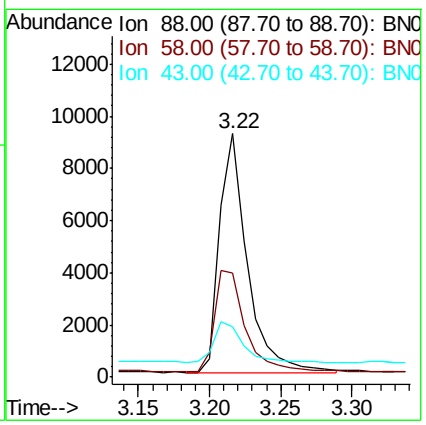


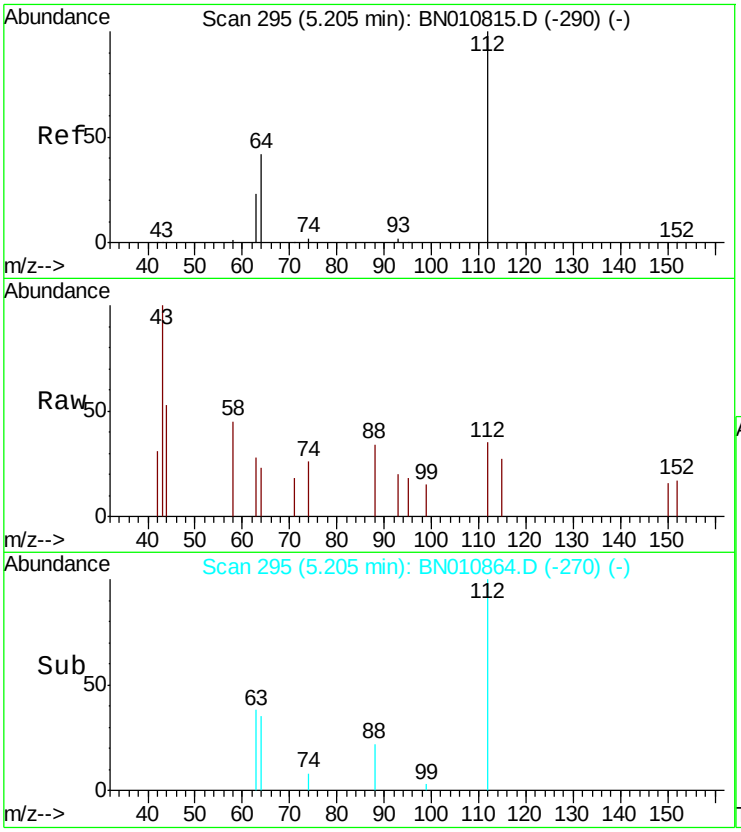


#2
1,4-Dioxane
Concen: 5.236 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion: 88 Resp: 12483

Ion	Ratio	Lower	Upper
88	100		
58	46.1	38.2	57.4
43	18.0	15.1	22.7



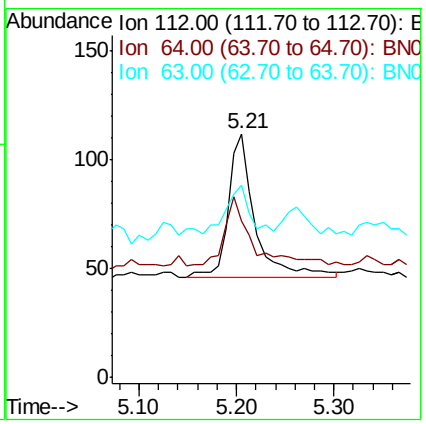


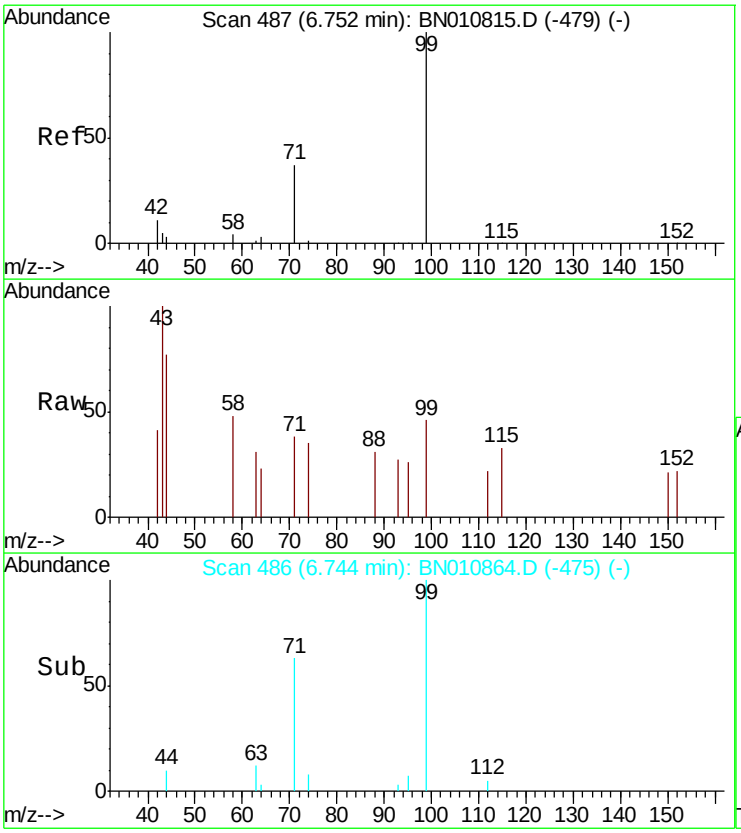
#4
2-Fluorophenol
Concen: 0.026 ng
RT: 5.21 min Scan# 295
Delta R.T. 0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:112 Resp: 124

Ion	Ratio	Lower	Upper
112	100		
64	49.2	37.4	56.0
63	34.7	22.2	33.4#

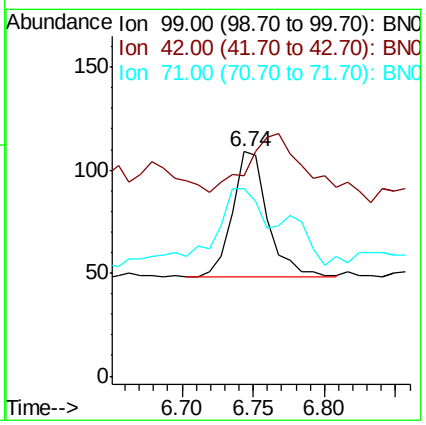


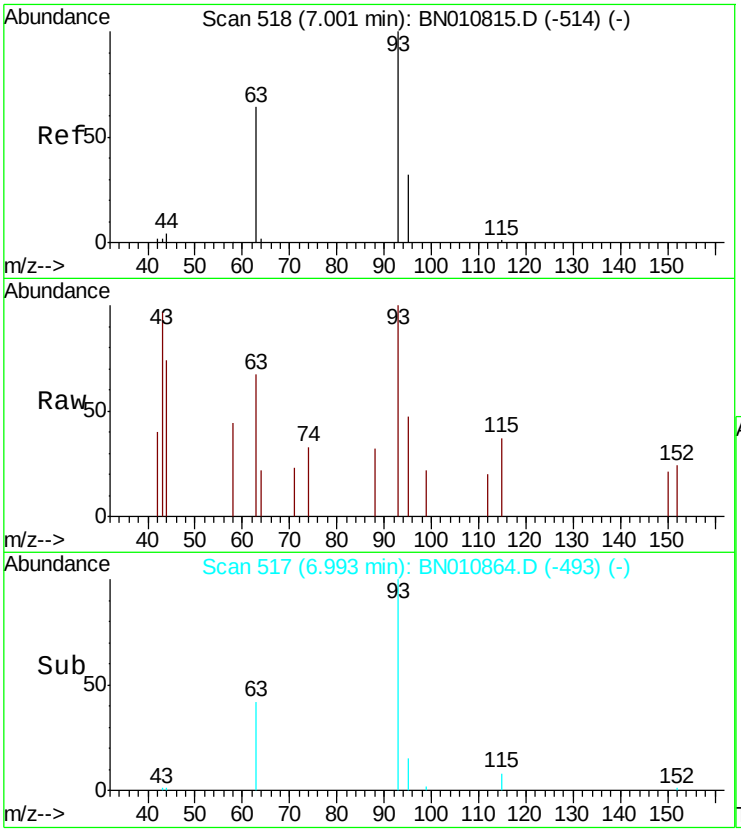


#5
Phenol-d6
Concen: 0.019 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion: 99 Resp: 106

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.1	16.7#
71	73.6	31.4	47.2#



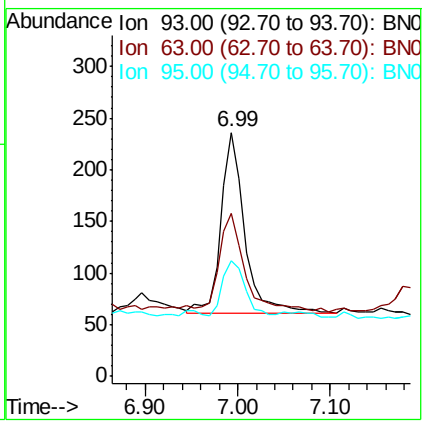


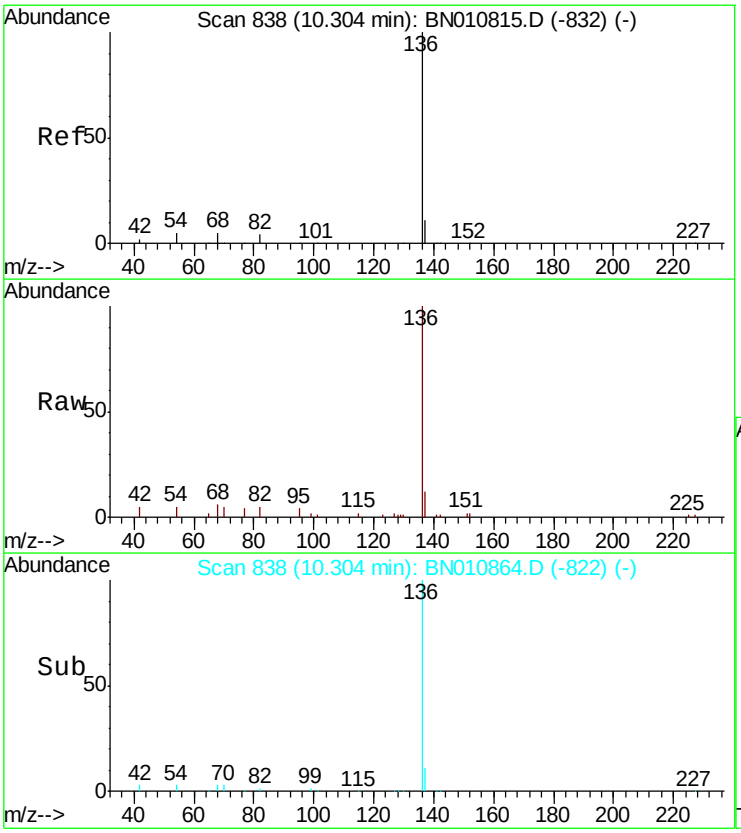
#6
bis(2-Chloroethyl)ether
Concen: 0.058 ng
RT: 6.99 min Scan# 517
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion: 93 Resp: 313

Ion	Ratio	Lower	Upper
93	100		
63	55.0	49.4	74.2
95	29.7	26.7	40.1

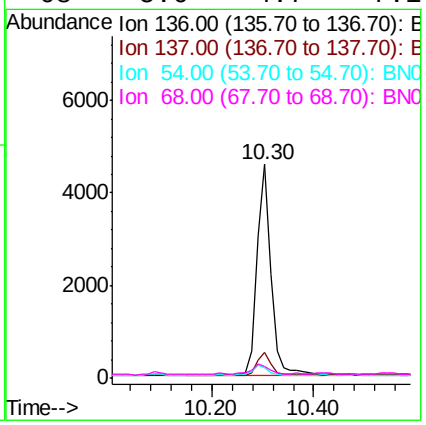


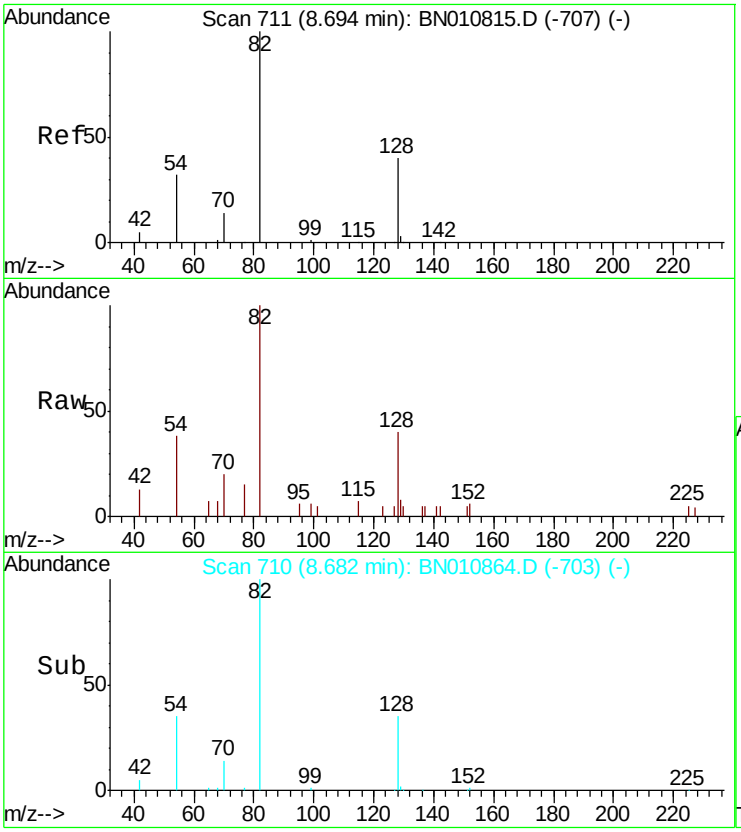


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:136 Resp: 8834

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.7	14.5
54	4.8	4.9	7.3#
68	5.6	4.7	7.1



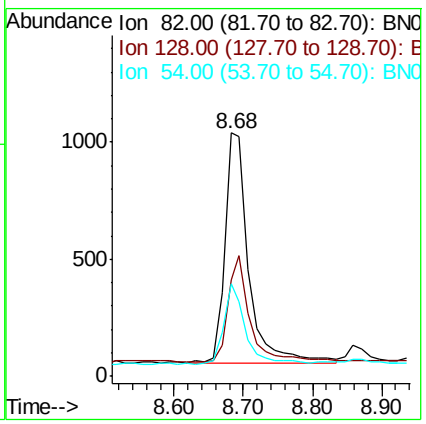


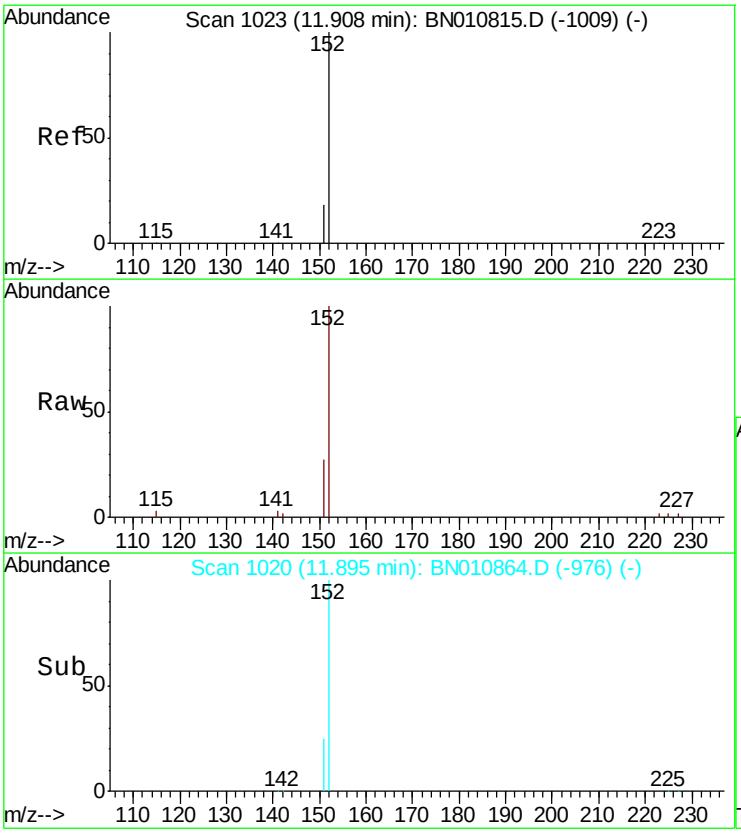
#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion: 82 Resp: 2388

Ion	Ratio	Lower	Upper
82	100		
128	39.7	35.4	53.0
54	37.9	28.2	42.4

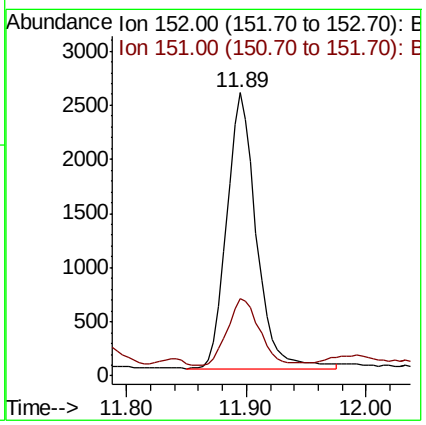


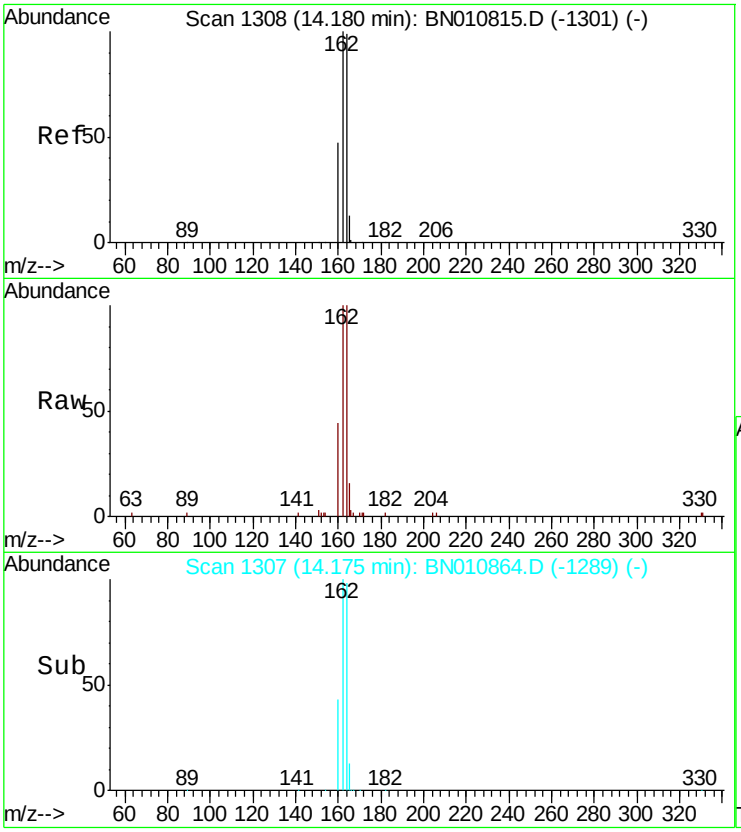


#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.89 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:152 Resp: 4365

Ion	Ratio	Lower	Upper
152	100		
151	26.3	15.3	22.9#



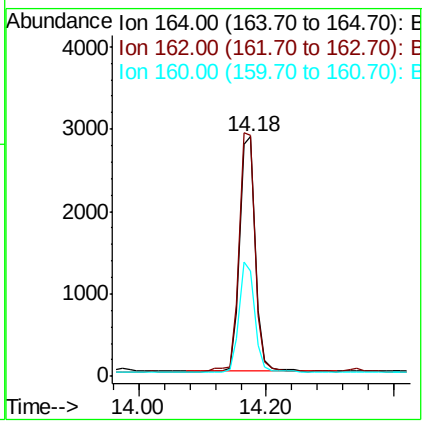


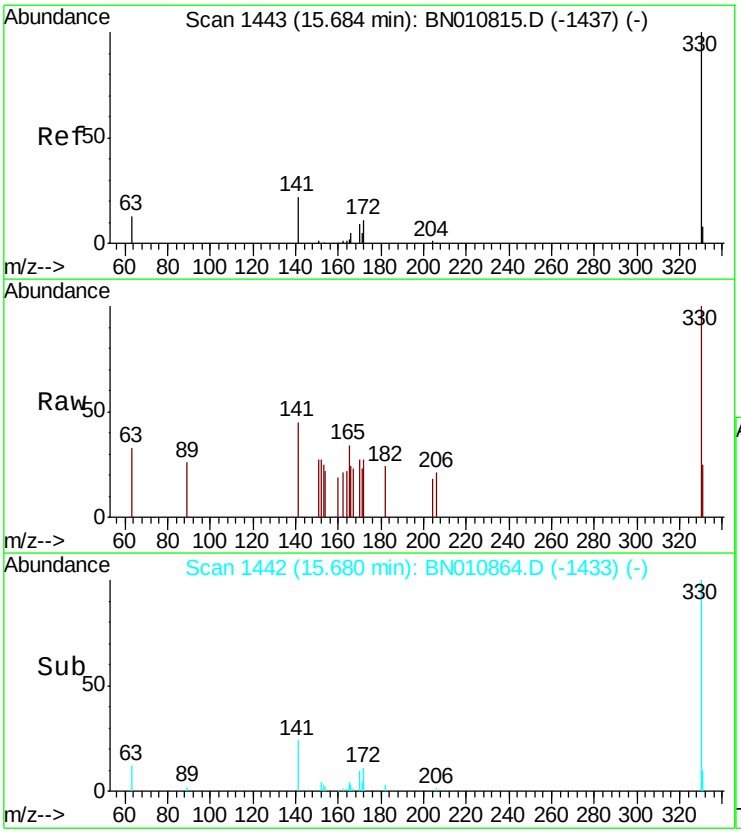
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:164 Resp: 4909

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.6
160	44.0	38.9	58.3

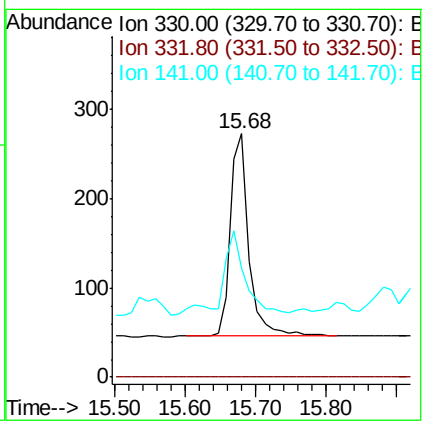


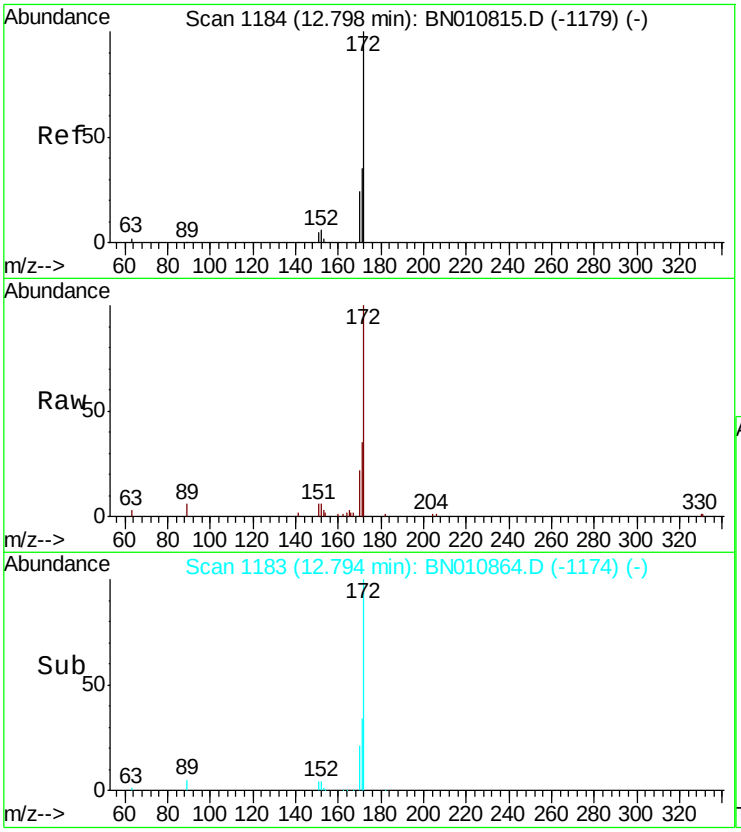


#14
2,4,6-Tribromophenol
Concen: 0.239 ng
RT: 15.68 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:330 Resp: 420

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.0	33.2	49.8



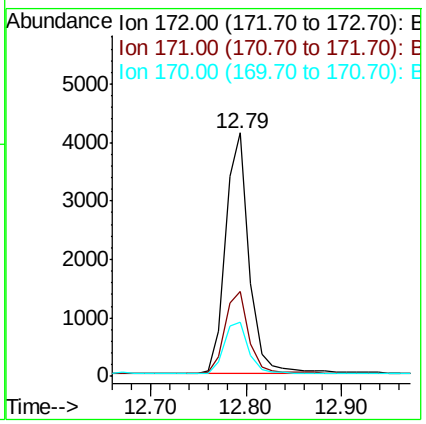


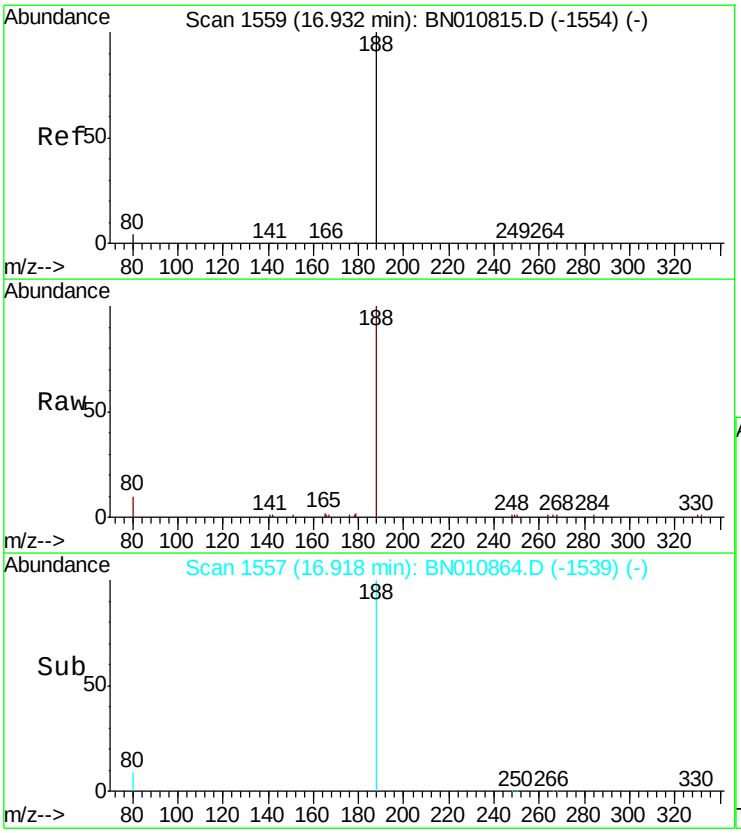
#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:172 Resp: 7068

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	22.3	19.7	29.5

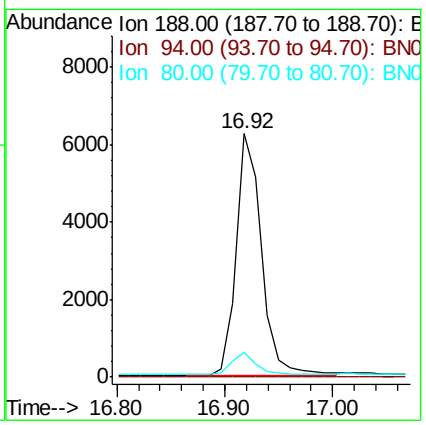


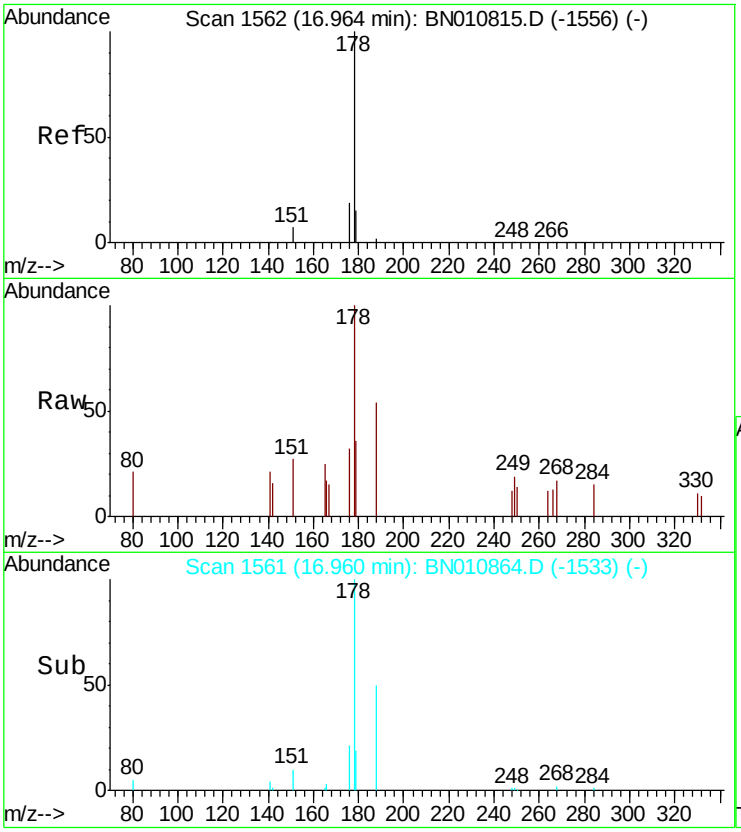


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:188 Resp: 10014

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	4.5	6.7#



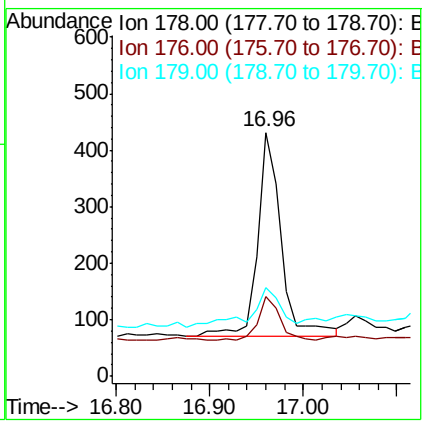


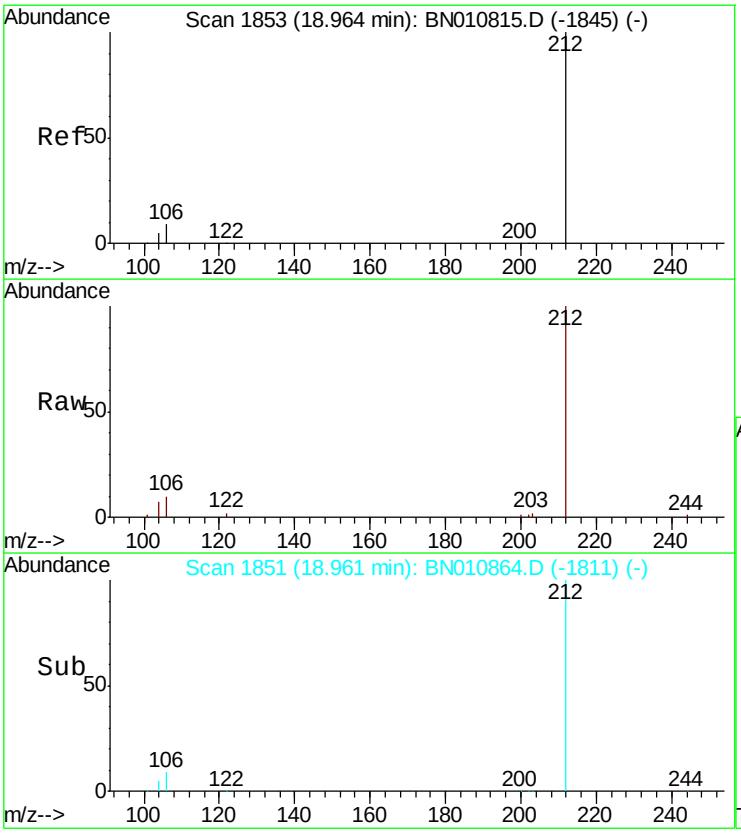
#23
Phenanthrene
Concen: 0.023 ng
RT: 16.96 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:178 Resp: 630

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	24.4	12.6	19.0#

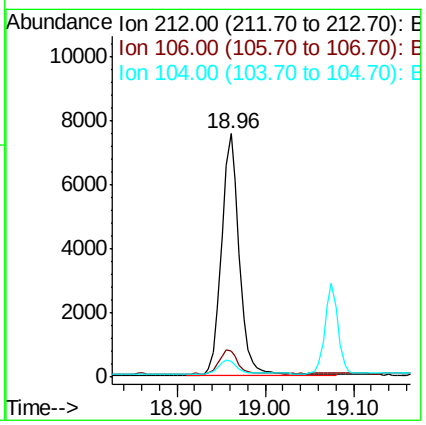


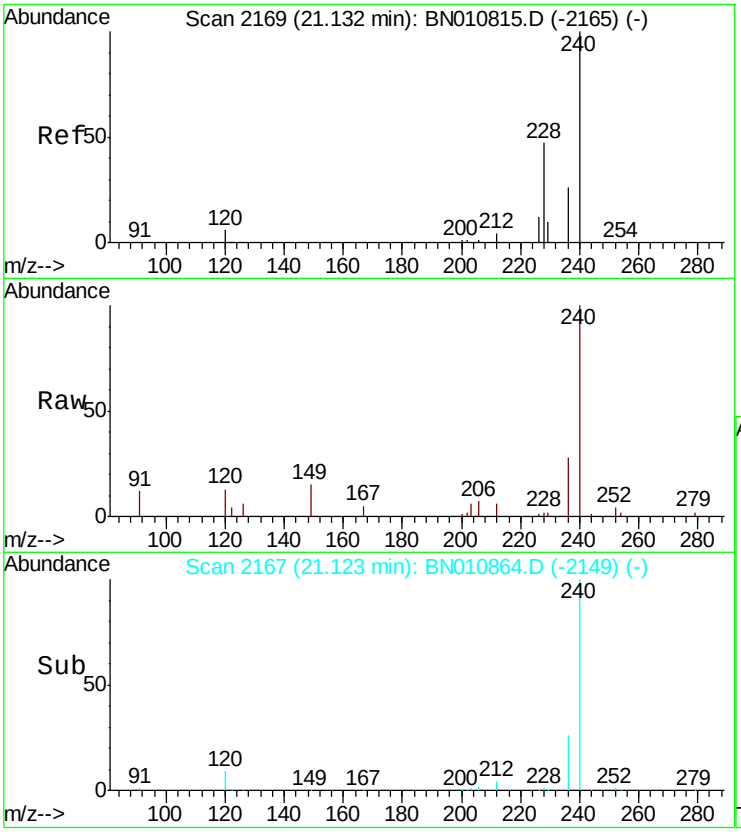


#25
Fluoranthene-d10
Concen: 0.385 ng
RT: 18.96 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:212 Resp: 10627

Ion	Ratio	Lower	Upper
212	100		
106	10.0	6.6	10.0#
104	5.9	4.0	6.0



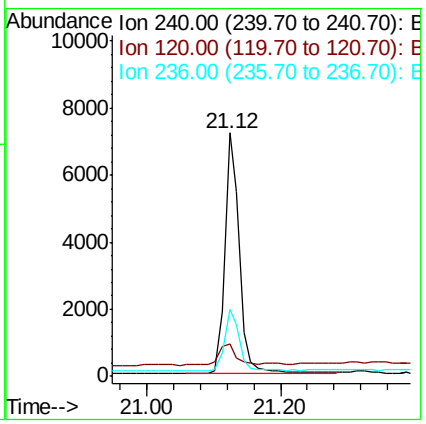


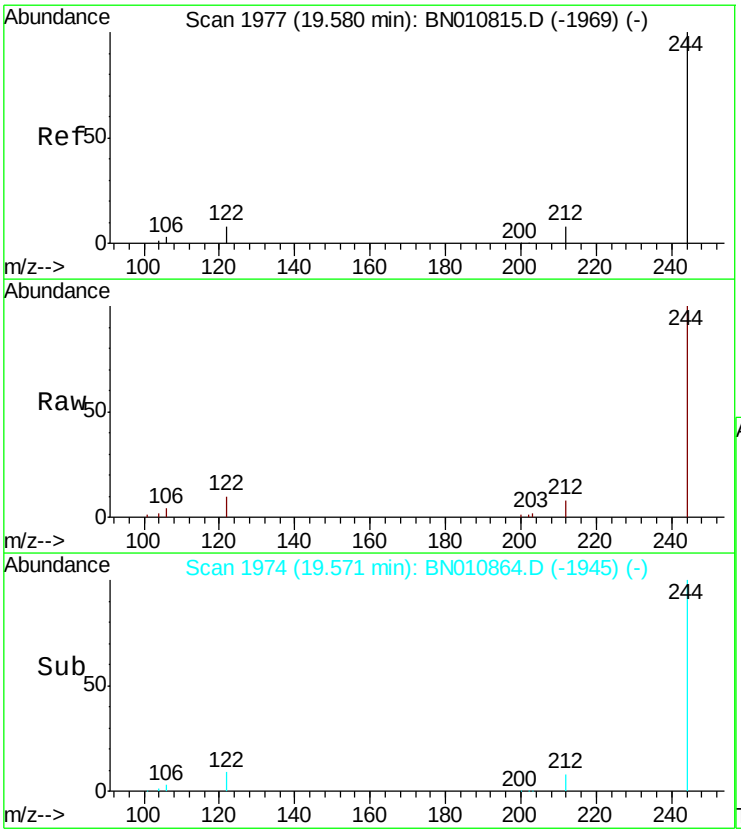
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:240 Resp: 10823

Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.5	11.3#
236	27.7	22.3	33.5

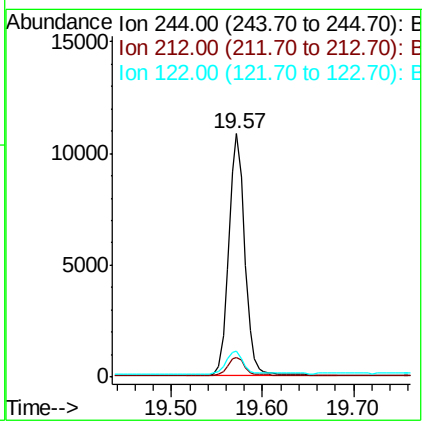


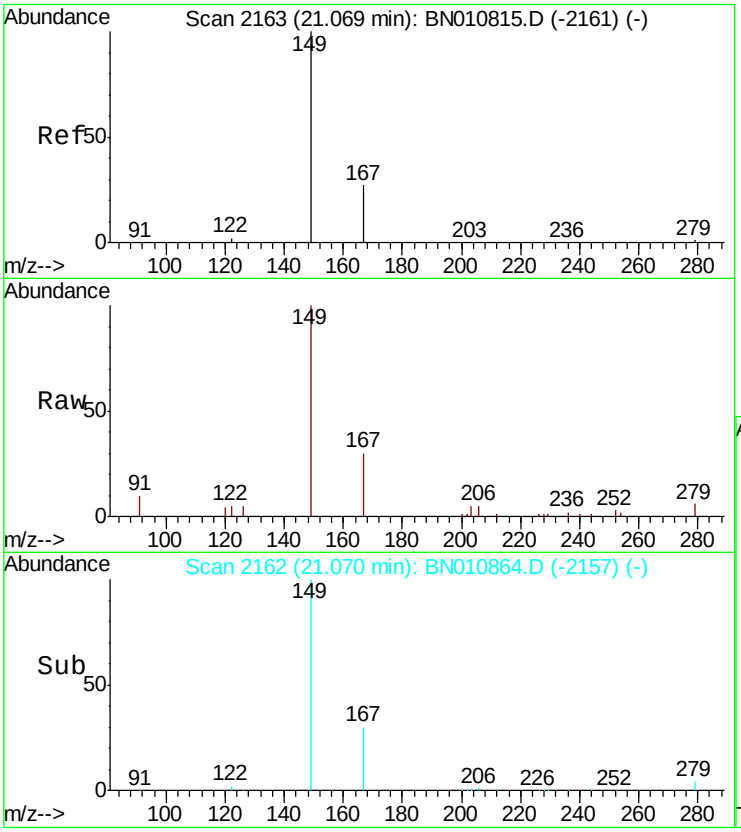


#29
Terphenyl-d14
Concen: 0.531 ng
RT: 19.57 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:244 Resp: 13444

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	10.5	7.5	11.3



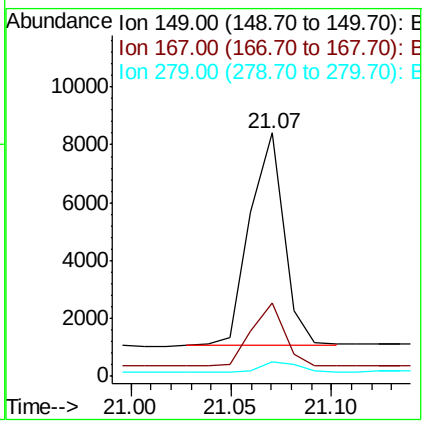


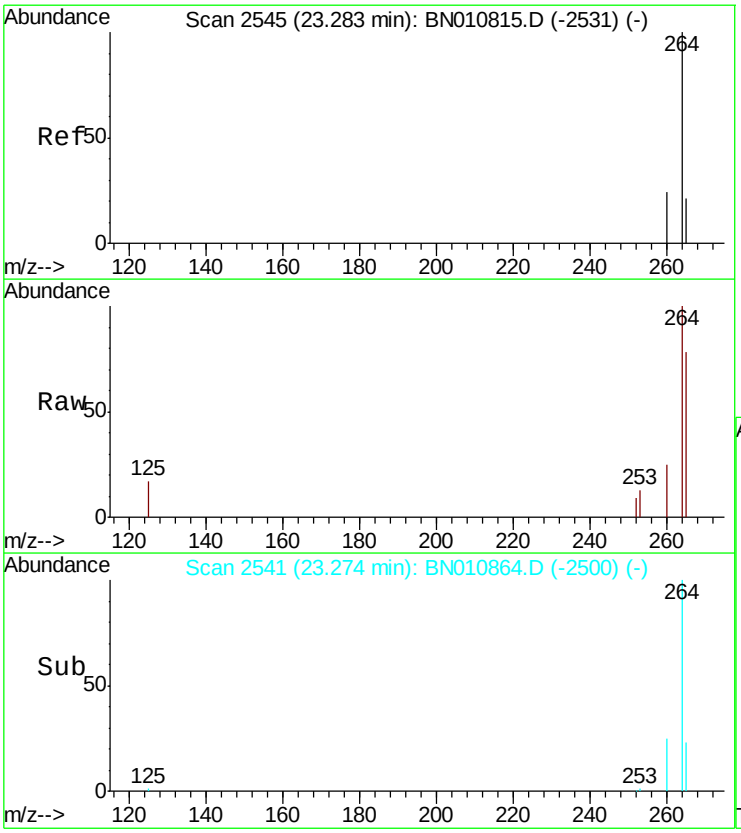
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.812 ng
RT: 21.07 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Instrument :
BNA_N
ClientSampleId :
RE132D5-20200608

Tgt Ion:149 Resp: 8608

Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	4.9	4.6	7.0





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010864.D
Acq: 13 Jun 2020 04:31

Tgt Ion:264 Resp: 11888

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	78.4	75.0	112.4