Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010889.D
Acq On : 16 Jun 2020 03:48
Operator : CG/JU
Sample : L2989-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE125D1-20200609

Quant Time: Jun 16 04:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2510	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	8836	0.40	ng		0.00
13) Acenaphthene-d10	14.17	164	5126	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	10017	0.40	ng		0.00
27) Chrysene-d12	21.12	240	9068	0.40	ng		-0.01
34) Perylene-d12	23.27	264	9332	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	791	0.16	ng		0.00
5) Phenol-d6	6.74	99	525	0.09	ng		0.00
8) Nitrobenzene-d5	8.68	82	2359	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4452	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	607	0.33	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	7433	0.37	ng		0.00
25) Fluoranthene-d10	18.95	212	11234	0.41	ng		0.00
29) Terphenyl-d14	19.57	244	10445	0.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	16760	6.817	ng		97
9) Naphthalene	10.34	128	494	0.022	ng	#	62
12) 2-Methylnaphthalene	11.97	142	2046	0.138	ng		97
18) Fluorene	15.23	166	452	0.024	ng	#	94
23) Phenanthrene	16.96	178	1804	0.066	ng		96
32) Bis(2-ethylhexyl)phthalate	21.06	149	986	0.111	ng	#	92

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

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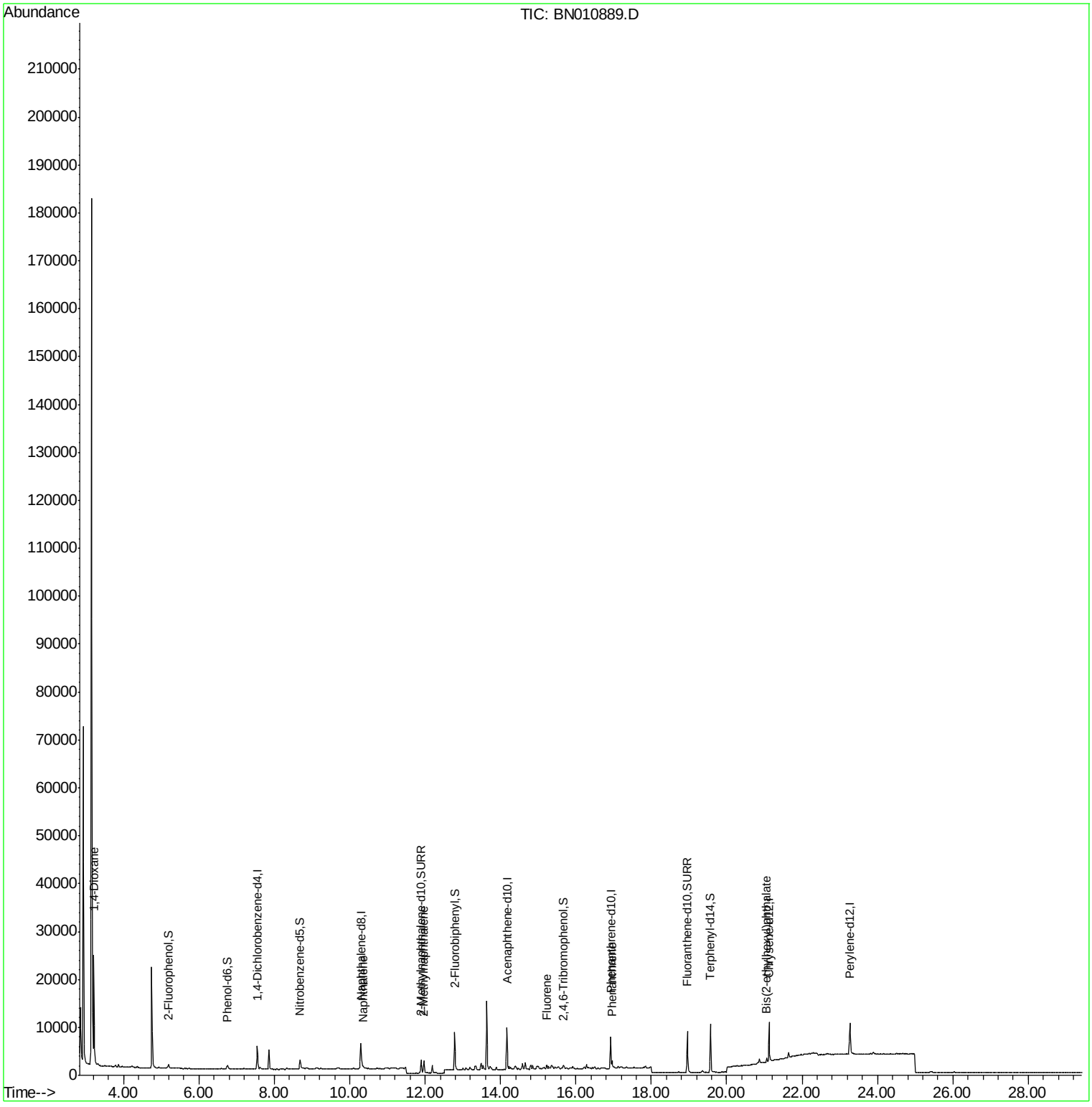
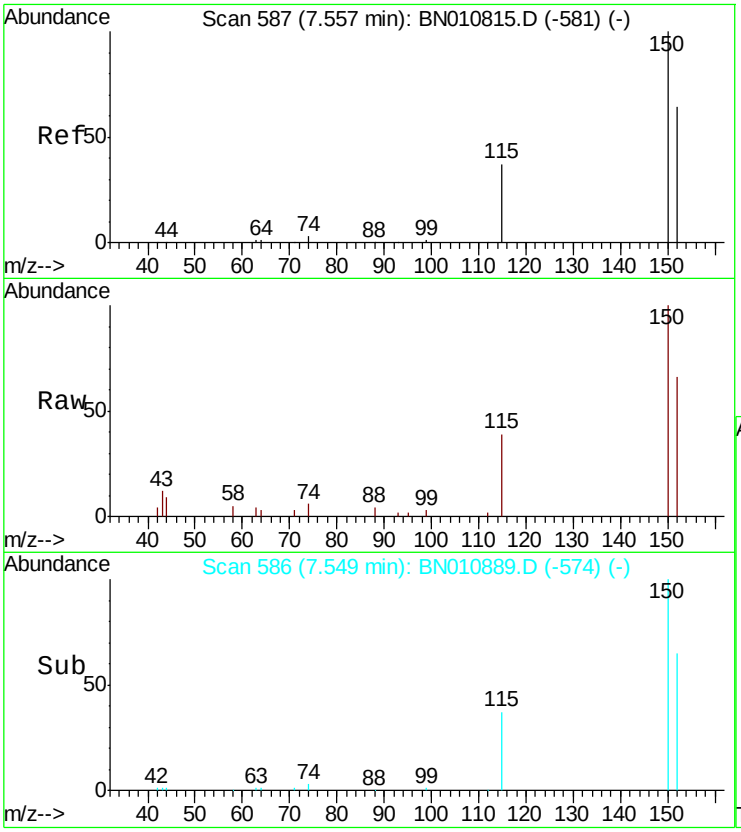
Quant Time: Jun 16 04:37:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration



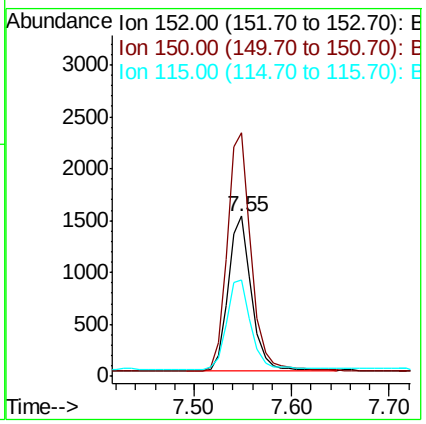


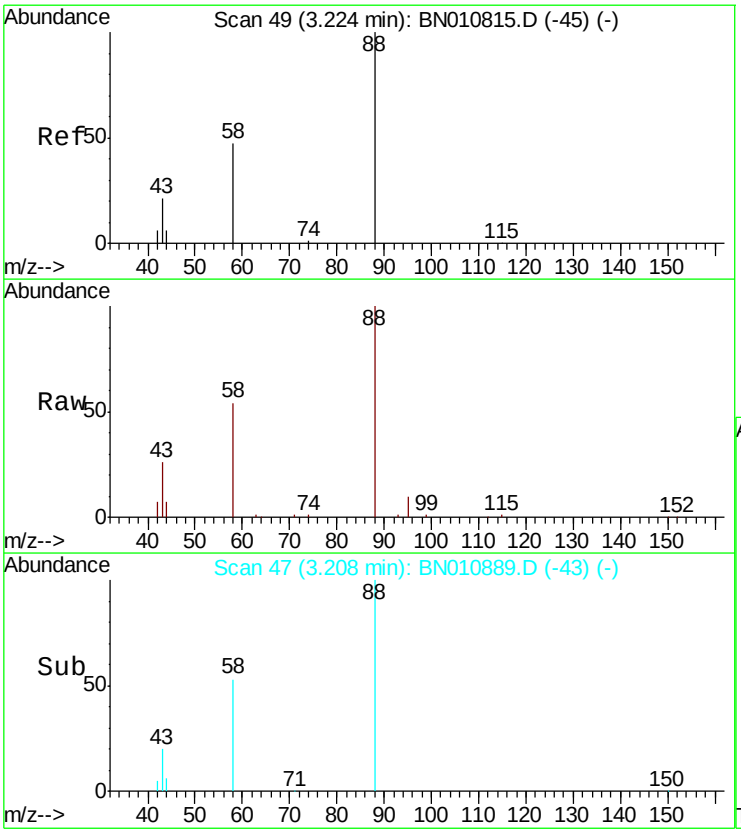
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:152 Resp: 2510

Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.8	185.6
115	59.8	49.2	73.8

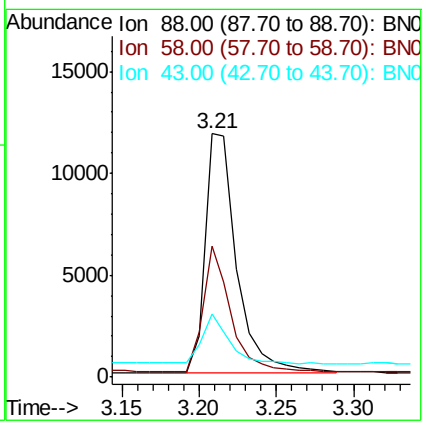


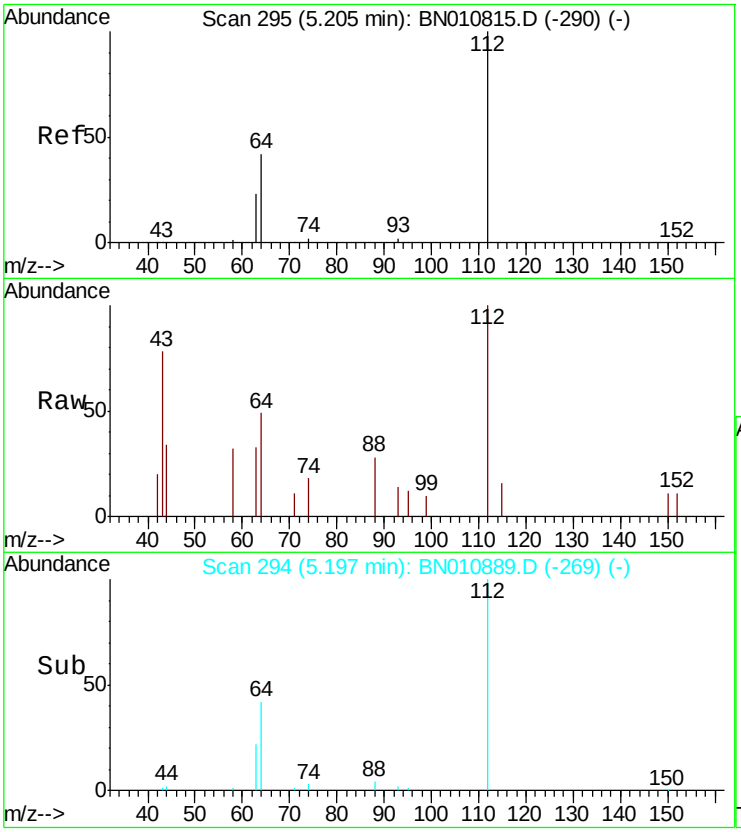


#2
1,4-Dioxane
Concen: 6.817 ng
RT: 3.21 min Scan# 47
Delta R.T. -0.02 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion: 88 Resp: 16760

Ion	Ratio	Lower	Upper
88	100		
58	45.4	38.2	57.4
43	17.8	15.1	22.7



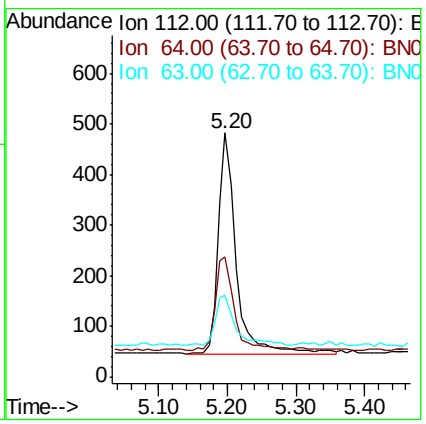


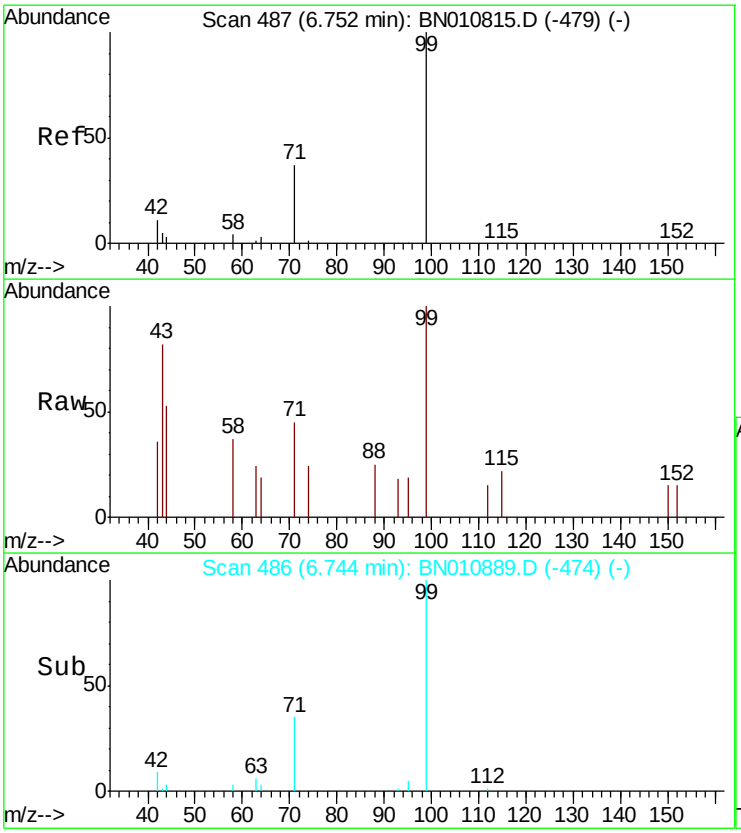
#4
2-Fluorophenol
Concen: 0.163 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:112 Resp: 791

Ion	Ratio	Lower	Upper
112	100		
64	44.5	37.4	56.0
63	26.9	22.2	33.4

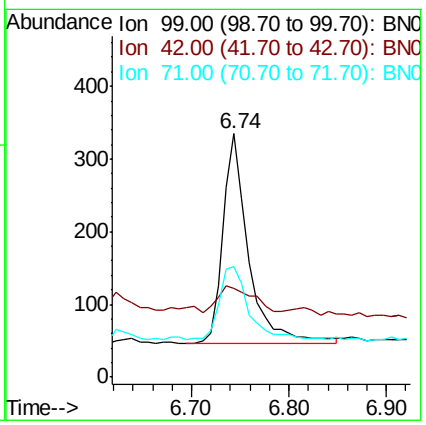


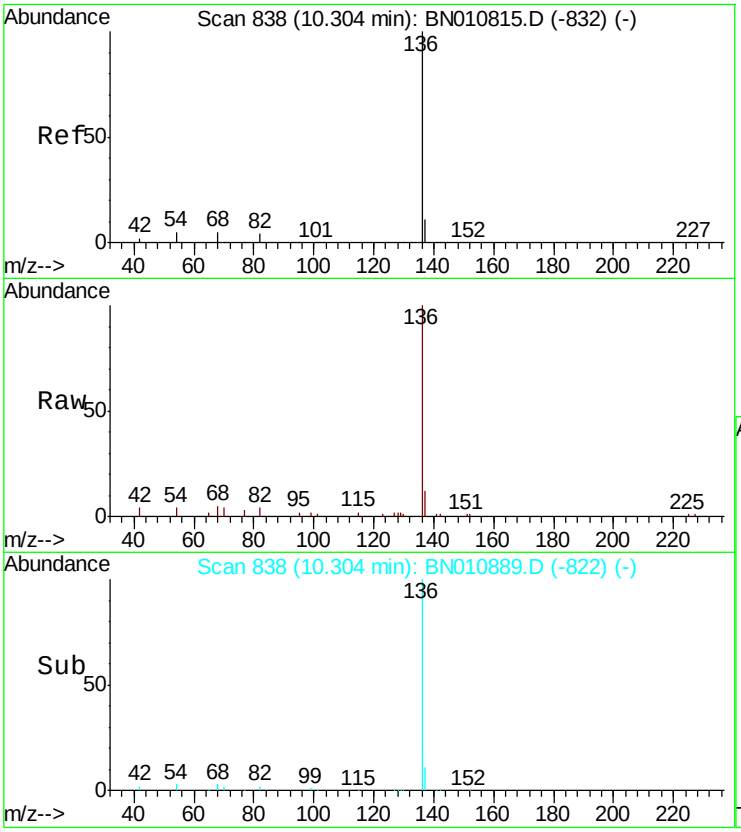


#5
Phenol-d6
Concen: 0.092 ng
RT: 6.74 min Scan# 486
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion: 99 Resp: 525

Ion	Ratio	Lower	Upper
99	100		
42	18.3	11.1	16.7#
71	41.3	31.4	47.2



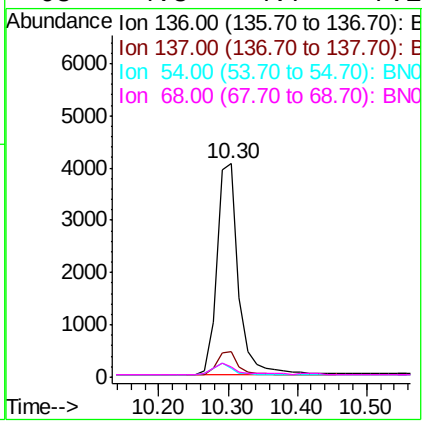


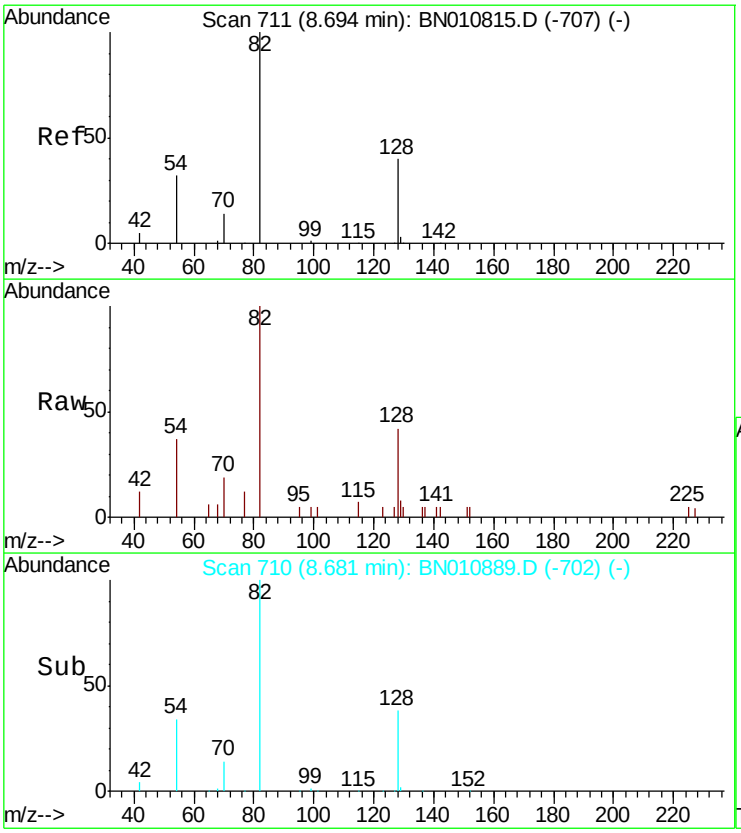
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.30 min Scan# 838
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:136 Resp: 8836

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	4.2	4.9	7.3#
68	4.8	4.7	7.1

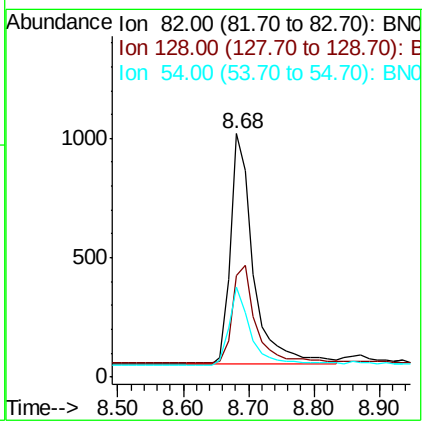


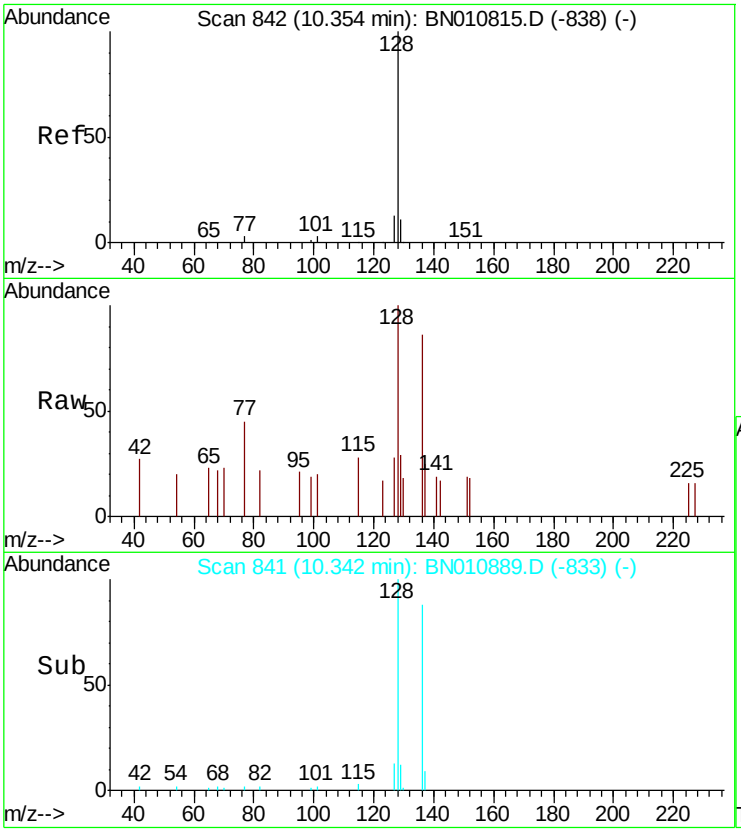


#8
Nitrobenzene-d5
Concen: 0.361 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion: 82 Resp: 2359

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.4	53.0
54	36.8	28.2	42.4



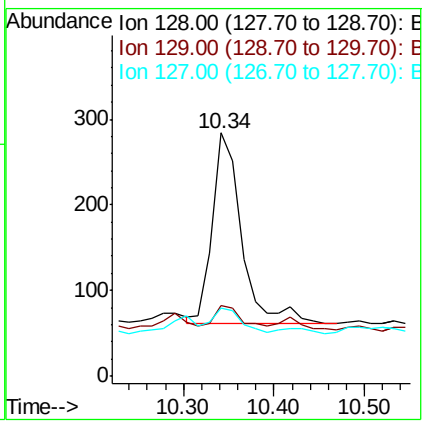


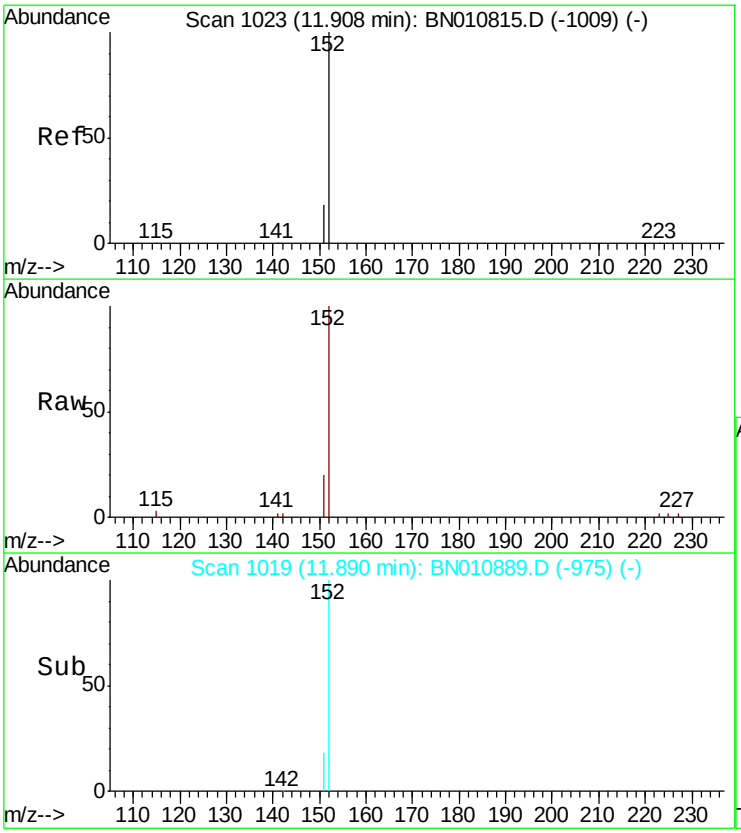
#9
Naphthalene
Concen: 0.022 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:128 Resp: 494

Ion	Ratio	Lower	Upper
128	100		
129	28.9	9.6	14.4#
127	27.8	11.4	17.2#

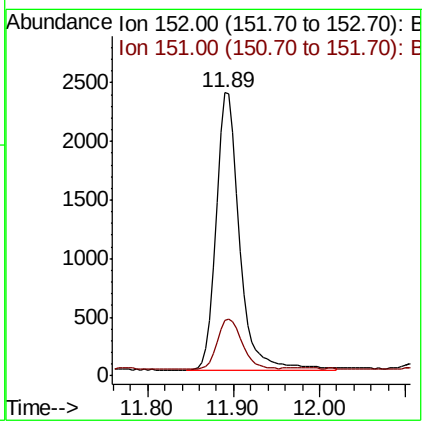


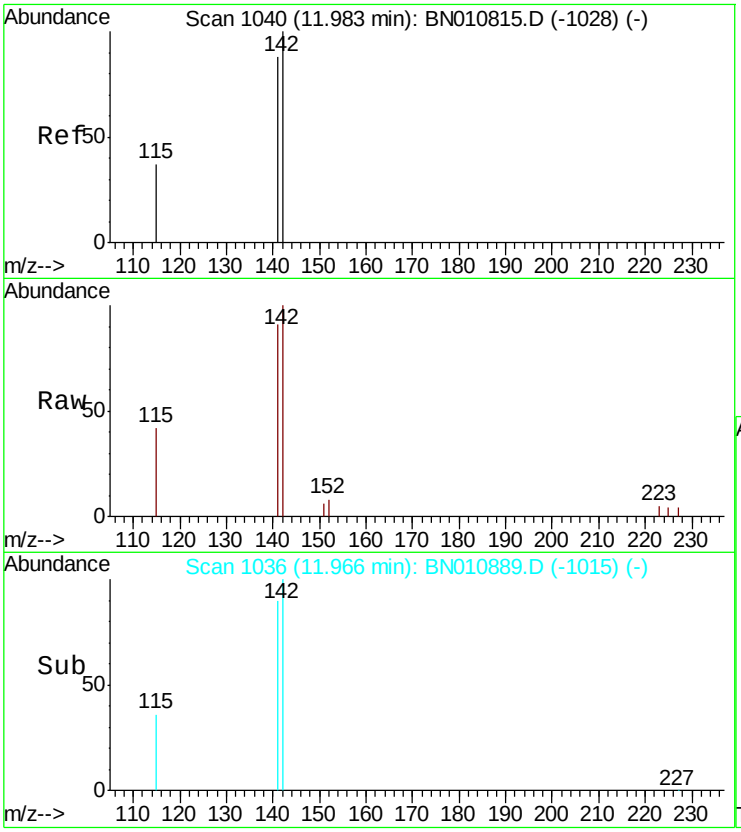


#11
2-Methylnaphthalene-d10
Concen: 0.325 ng
RT: 11.89 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:152 Resp: 4452

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9



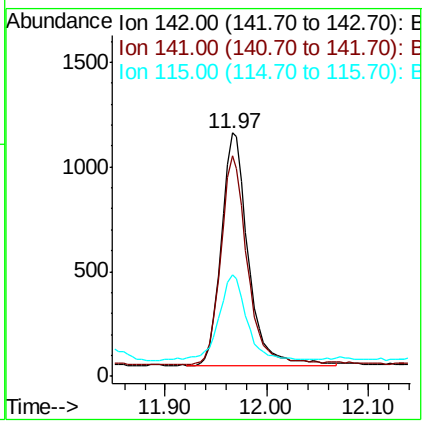


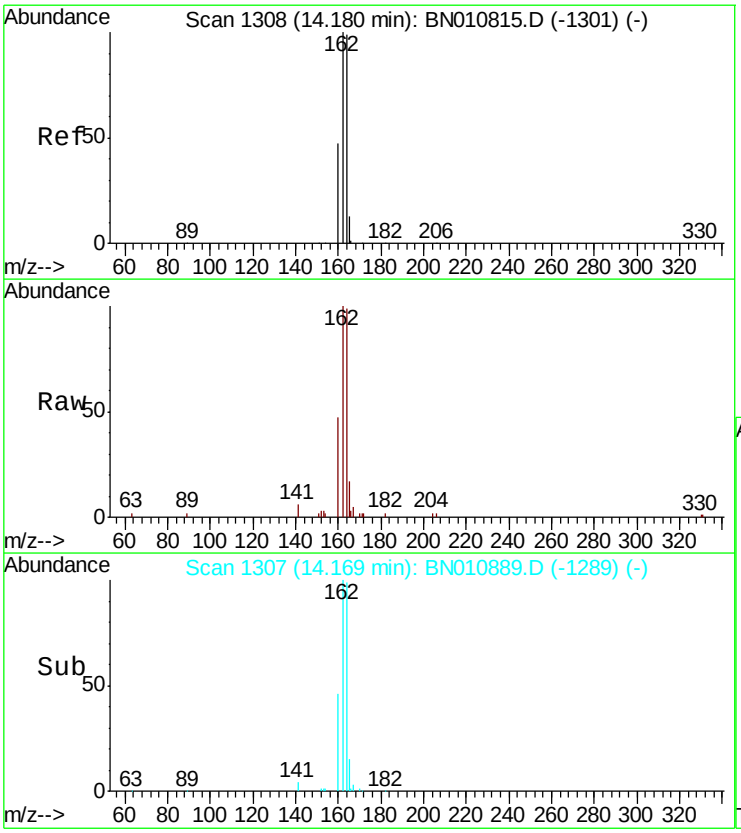
#12
2-Methylnaphthalene
Concen: 0.138 ng
RT: 11.97 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:142 Resp: 2046

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.8	106.2
115	41.8	31.5	47.3

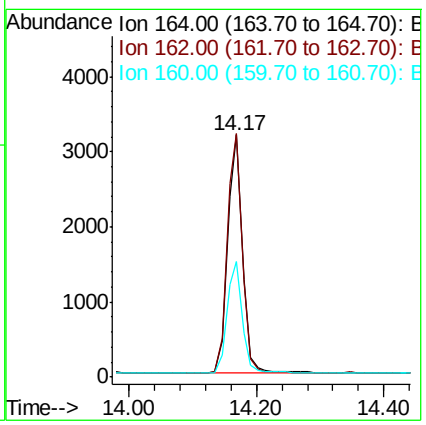


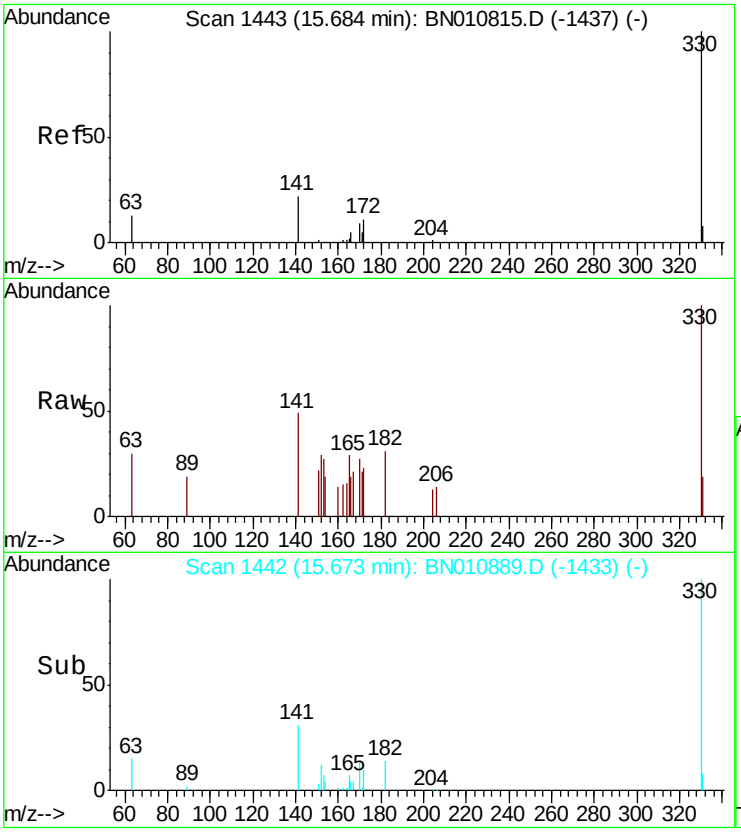


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:164 Resp: 5126

Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.0	121.6
160	47.5	38.9	58.3



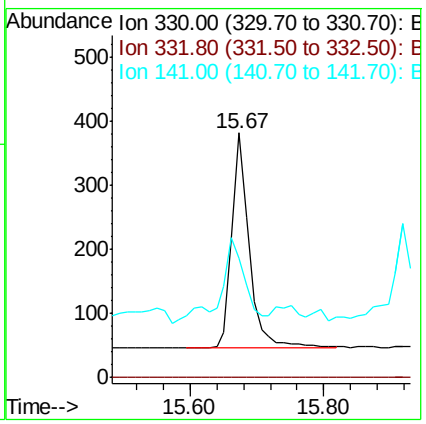


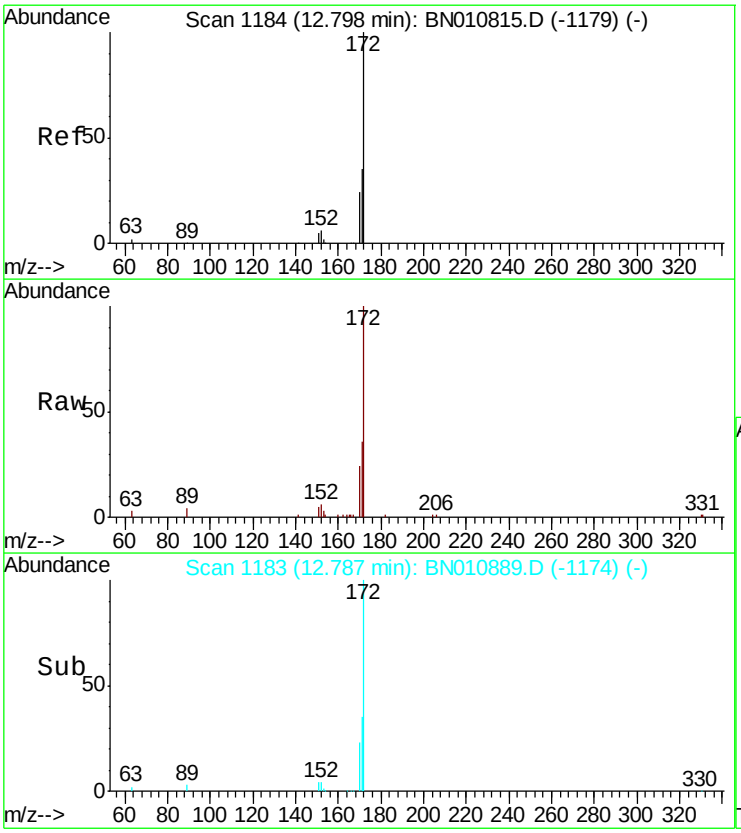
#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:330 Resp: 607

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.7	33.2	49.8

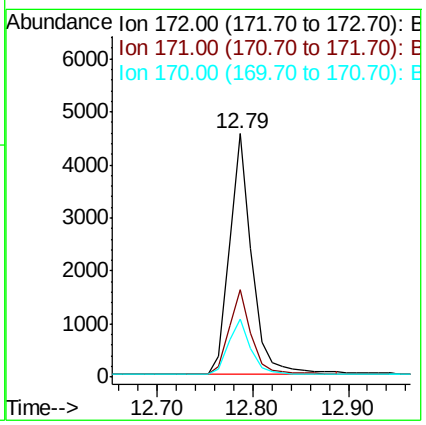


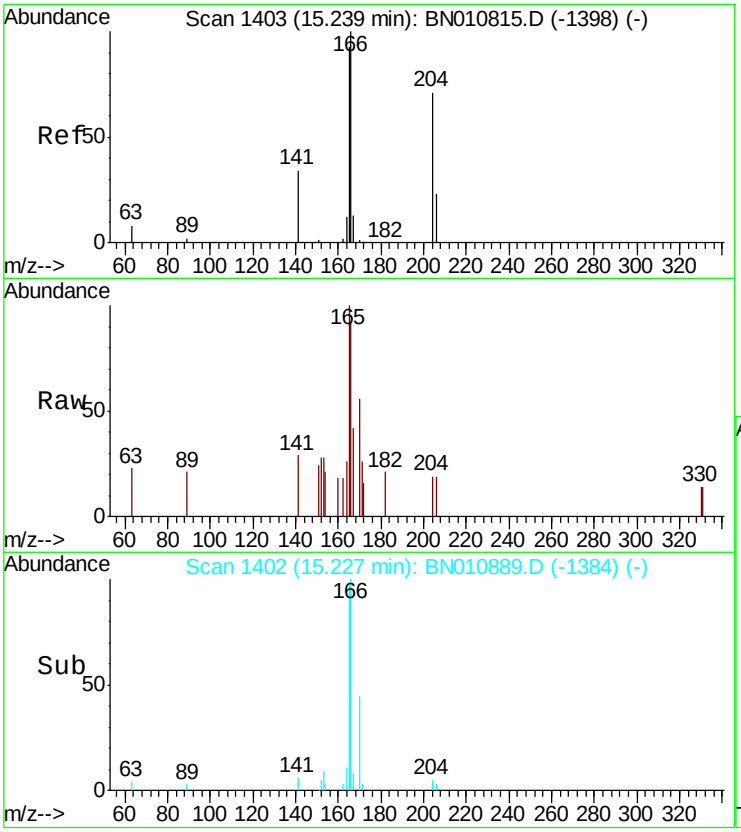


#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:172 Resp: 7433

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.6	19.7	29.5



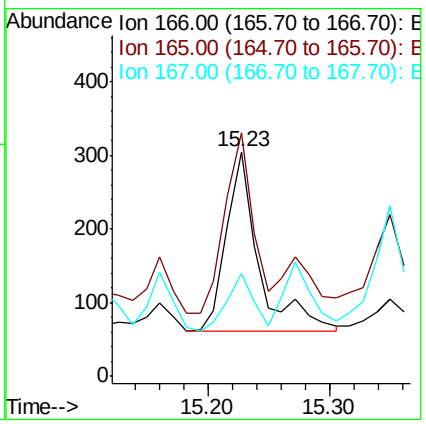


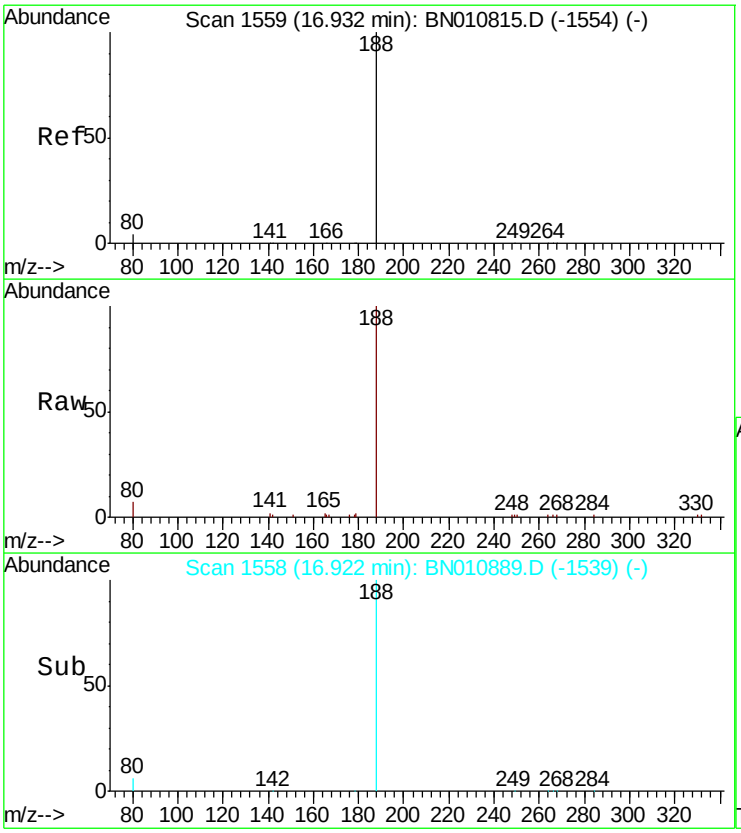
#18
Fluorene
Concen: 0.024 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:166 Resp: 452

Ion	Ratio	Lower	Upper
166	100		
165	93.6	77.2	115.8
167	25.9	10.7	16.1#

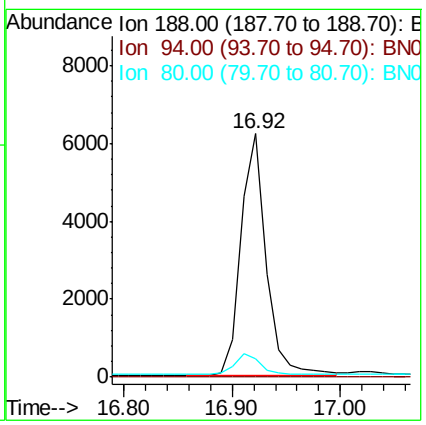


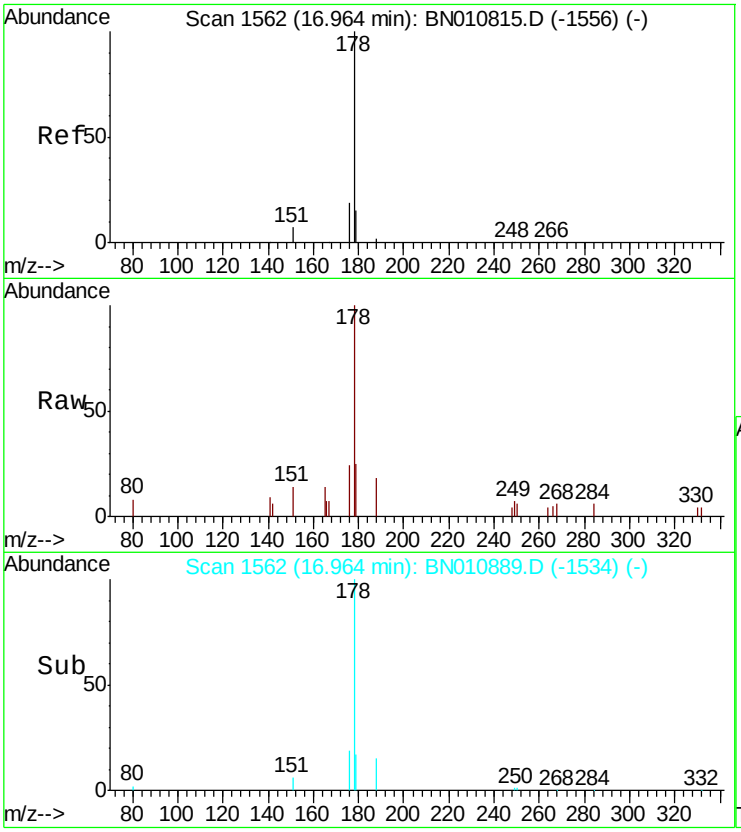


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.92 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:188 Resp: 10017

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	4.5	6.7#



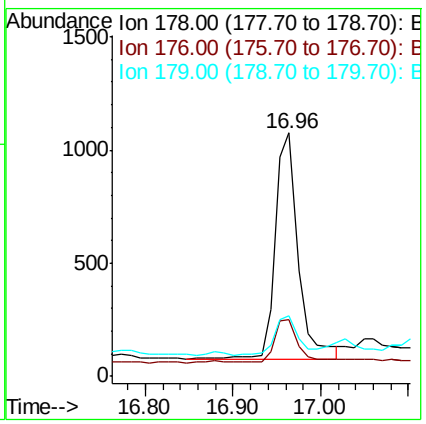


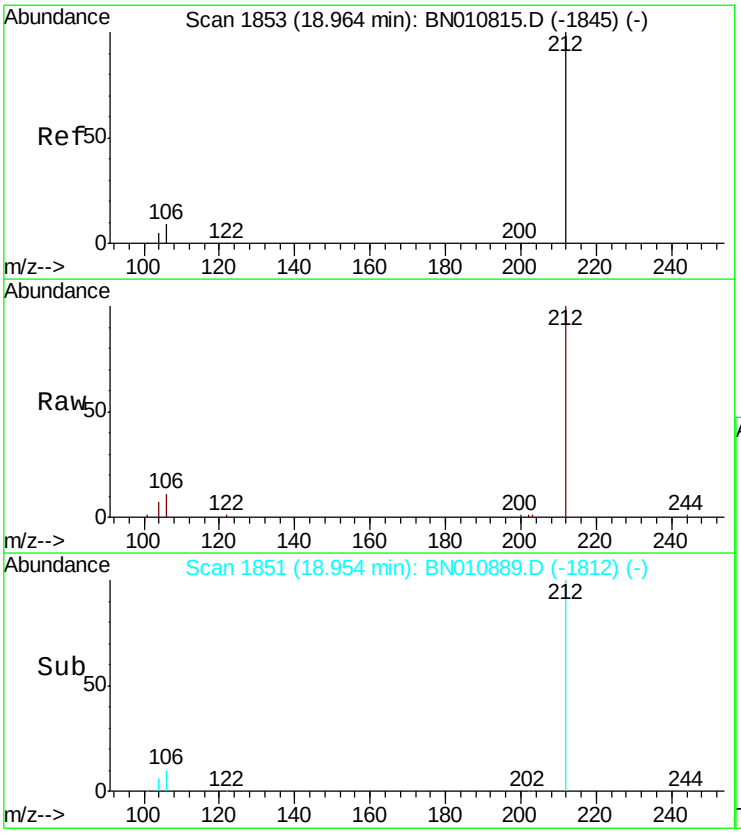
#23
Phenanthrene
Concen: 0.066 ng
RT: 16.96 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:178 Resp: 1804

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

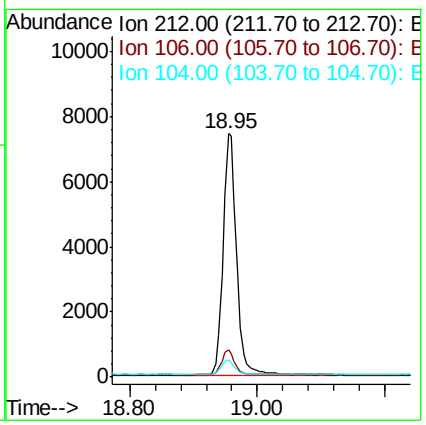


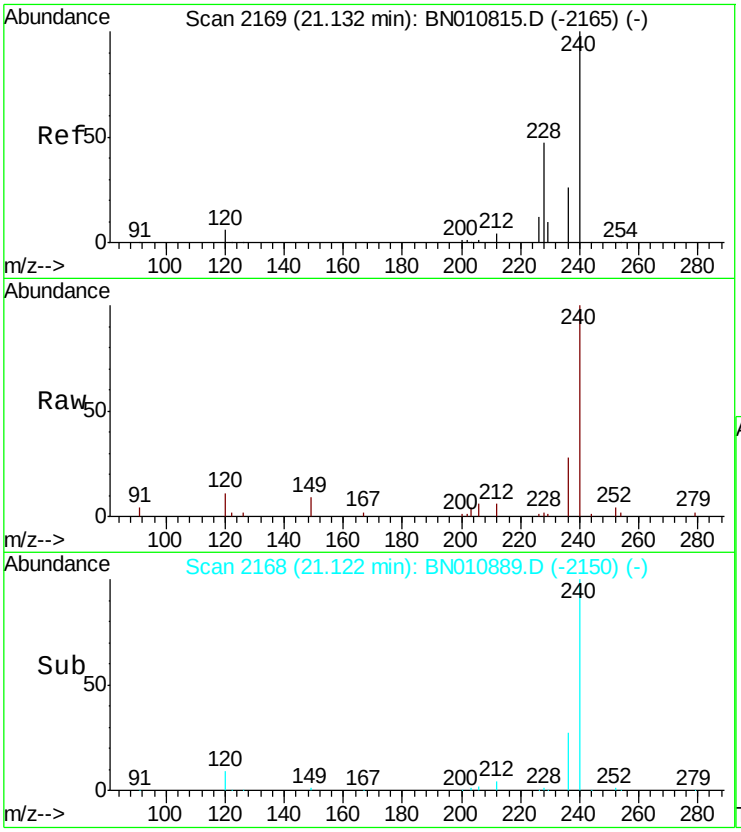


#25
Fluoranthene-d10
Concen: 0.406 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:212 Resp: 11234

Ion	Ratio	Lower	Upper
212	100		
106	9.9	6.6	10.0
104	5.8	4.0	6.0



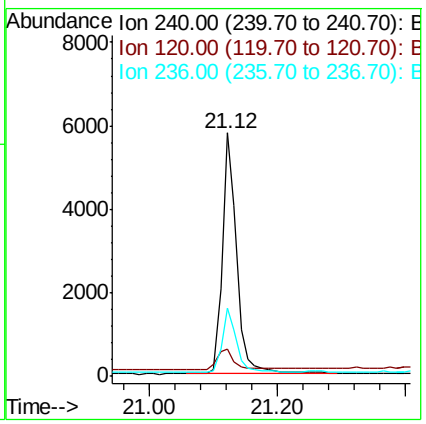


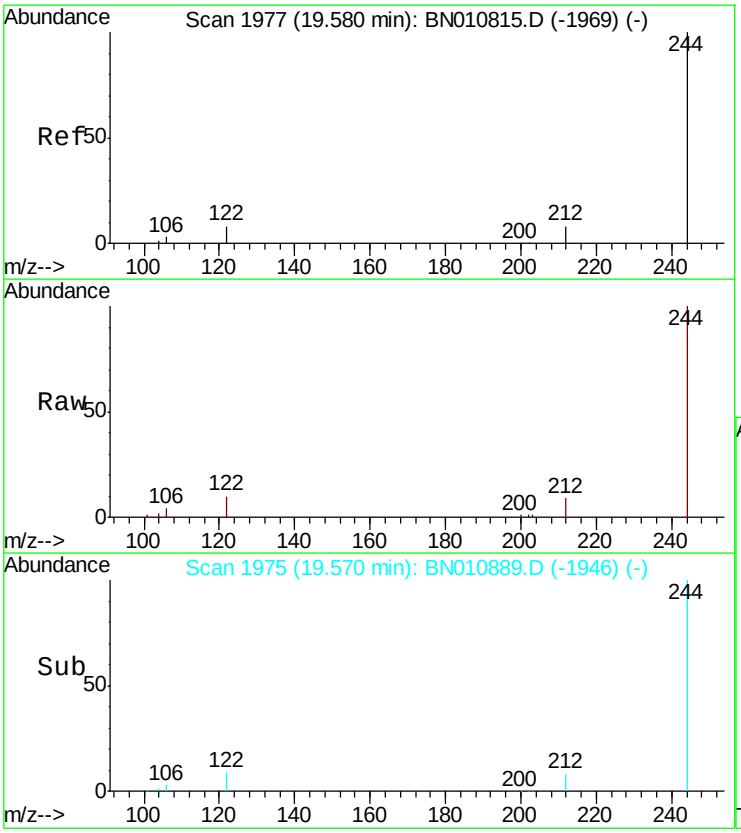
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument : BNA_N
ClientSampleId : RE125D1-20200609

Tgt Ion:240 Resp: 9068

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.5	11.3
236	28.0	22.3	33.5

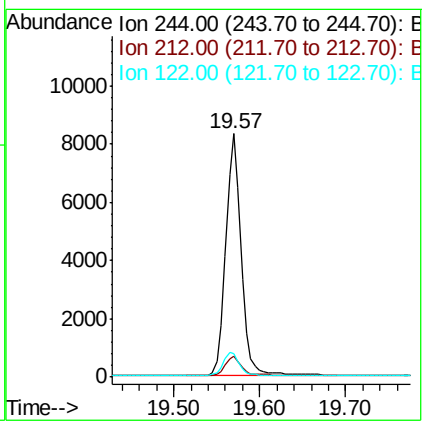


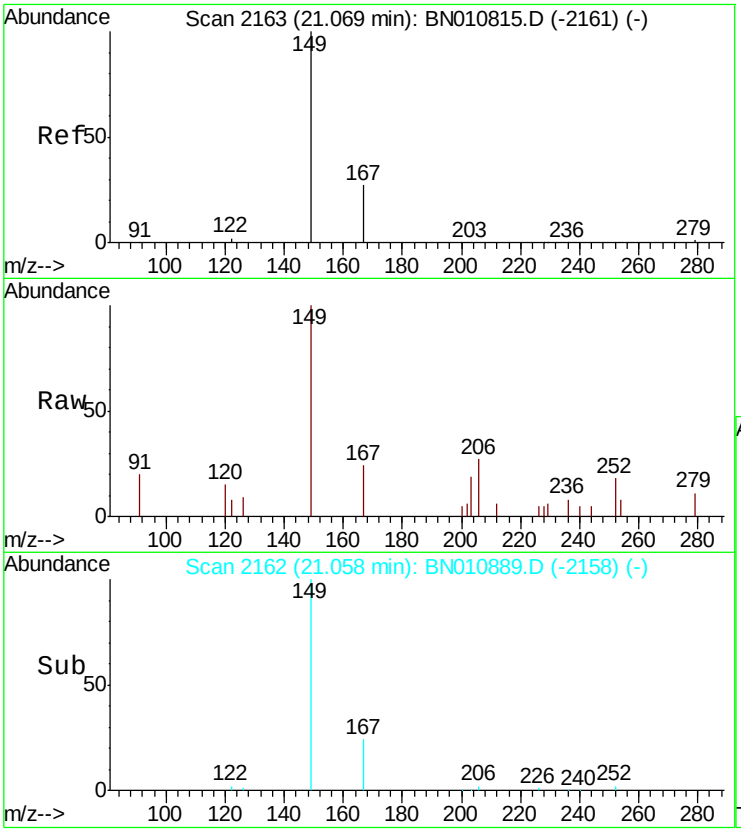


#29
Terphenyl-d14
Concen: 0.492 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:244 Resp: 10445

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.7	7.5	11.3



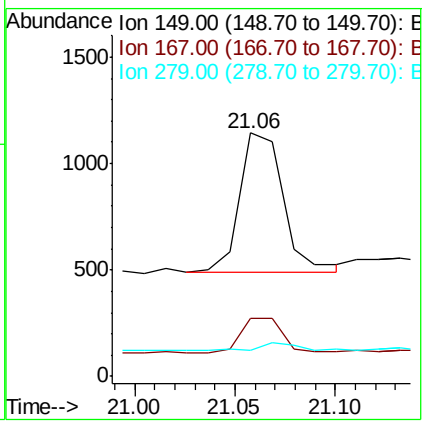


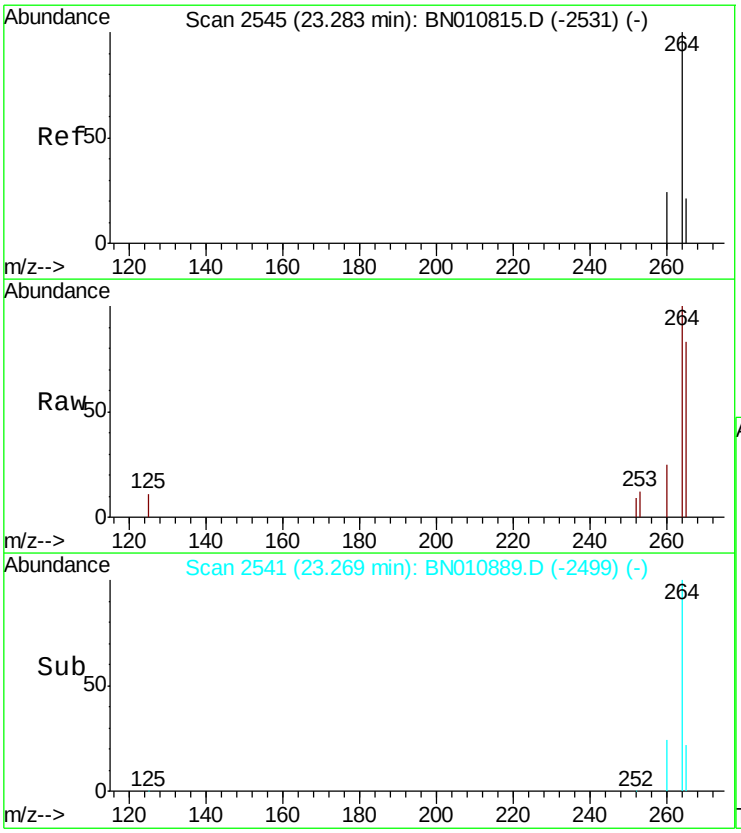
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.111 ng
RT: 21.06 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BN010889.D
Acq: 16 Jun 2020 03:48

Instrument :
BNA_N
ClientSampleId :
RE125D1-20200609

Tgt Ion:149 Resp: 986

Ion	Ratio	Lower	Upper
149	100		
167	25.2	24.1	36.1
279	4.6	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: BN010889.D
Acq: 16 Jun 2020 03:48

Tgt Ion:264 Resp: 9332

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	82.6	75.0	112.4