Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010288.D
Acq On : 19 Mar 2020 13:28
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 19 15:16:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3952	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	13068	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	8083	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	18771	0.40	ng		0.00
27) Chrysene-d12	21.19	240	20578	0.40	ng		0.00
34) Perylene-d12	23.37	264	18679	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	12584	1.36	ng		0.00
5) Phenol-d6	6.80	99	15803	1.36	ng		0.00
8) Nitrobenzene-d5	8.74	82	13736	1.75	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	34884	1.62	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	4972	1.72	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	51191	1.78	ng		0.00
25) Fluoranthene-d10	19.02	212	94080	1.62	ng		0.00
29) Terphenyl-d14	19.63	244	73314	1.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	6213	1.611	ng		99
3) n-Nitrosodimethylamine	3.55	42	5340	1.564	ng		99
6) bis(2-Chloroethyl)ether	7.06	93	15358	1.587	ng		99
9) Naphthalene	10.43	128	54137	1.654	ng		100
10) Hexachlorobutadiene	10.73	225	13139	1.743	ng	#	99
12) 2-Methylnaphthalene	12.05	142	38185	1.624	ng		99
16) Acenaphthylene	13.96	152	53915	1.445	ng		100
17) Acenaphthene	14.30	154	38232	1.689	ng		98
18) Fluorene	15.29	166	50730	1.644	ng		99
20) 4-Bromophenyl-phenylether	16.19	248	19138	1.776	ng		99
21) Hexachlorobenzene	16.31	284	19658	1.868	ng		99
22) Pentachlorophenol	16.65	266	6263	1.927	ng		97
23) Phenanthrene	17.03	178	86464	1.736	ng		100
24) Anthracene	17.11	178	74129	1.494	ng		100
26) Fluoranthene	19.05	202	108035	1.713	ng		100
28) Pyrene	19.42	202	105308	1.532	ng		100
30) Benzo(a)anthracene	21.17	228	110971	1.586	ng		100
31) Chrysene	21.23	228	116026	1.685	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	32874	1.103	ng		100
33) Indeno(1,2,3-cd)pyrene	25.52	276	122914	1.504	ng		99
35) Benzo(b)fluoranthene	22.72	252	109943	1.914	ng		96
36) Benzo(k)fluoranthene	22.76	252	113135	1.949	ng	#	93
37) Benzo(a)pyrene	23.27	252	92286	1.703	ng	#	94
38) Dibenzo(a,h)anthracene	25.53	278	102013	1.876	ng		98
39) Benzo(g,h,i)perylene	26.16	276	101419	1.868	ng		99

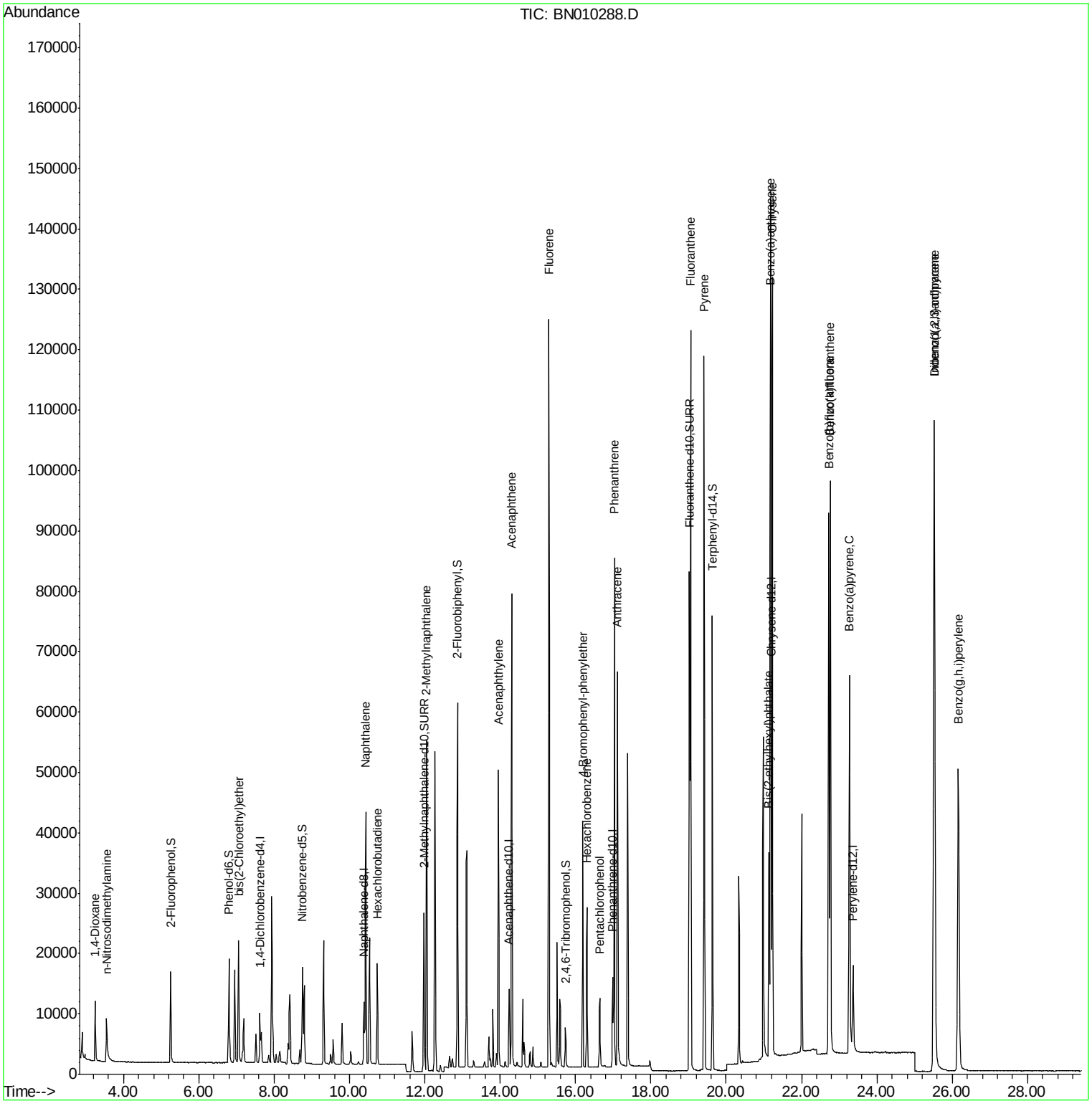
(#) = qualifier out of range (m) = manual integration (+) = signals summed

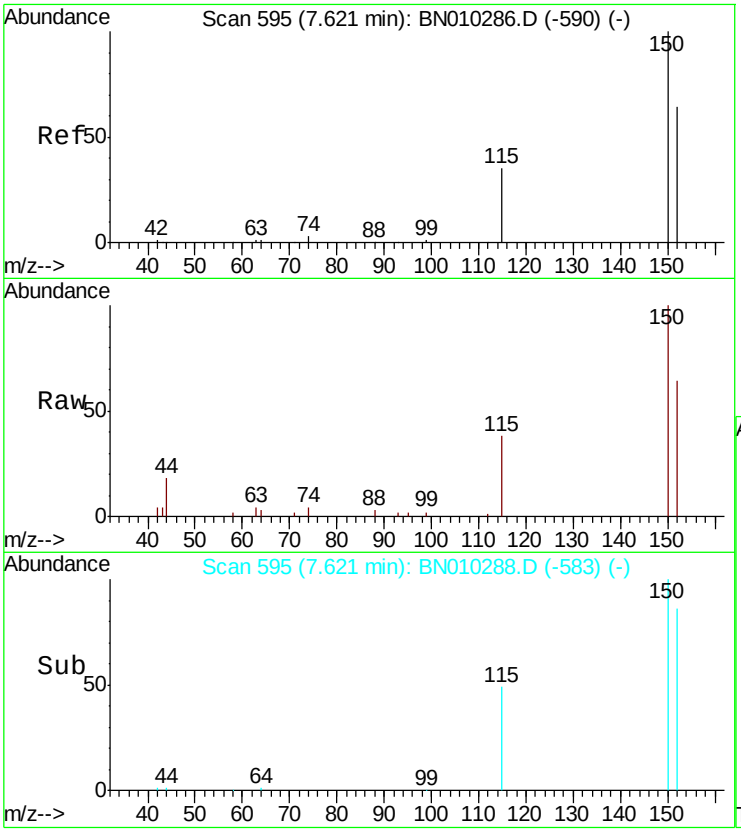
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010288.D
Acq On : 19 Mar 2020 13:28
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 19 15:16:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:04:26 2020
Response via : Initial Calibration



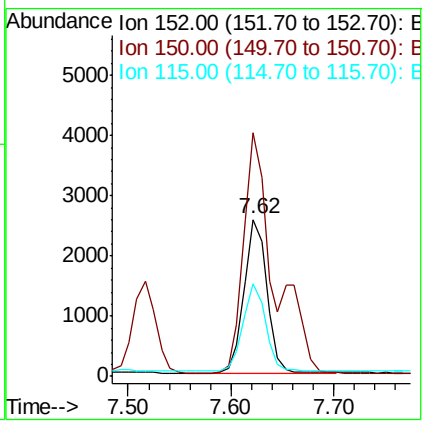


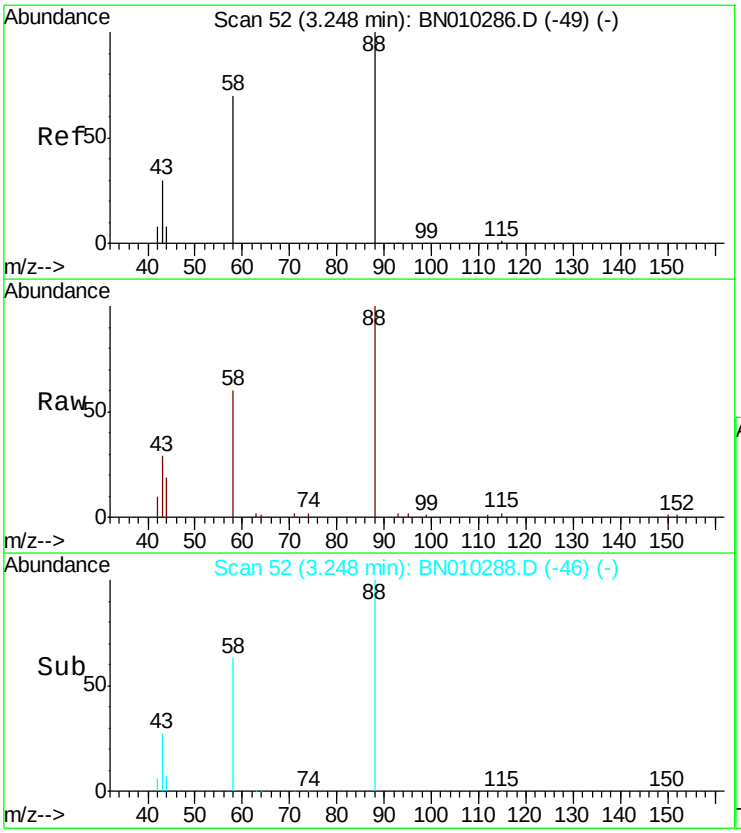
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3952

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.1	184.7
115	59.2	45.2	67.8

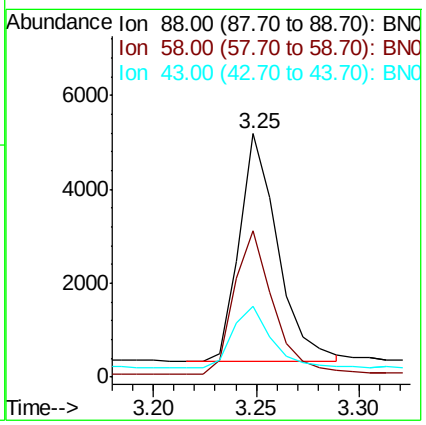


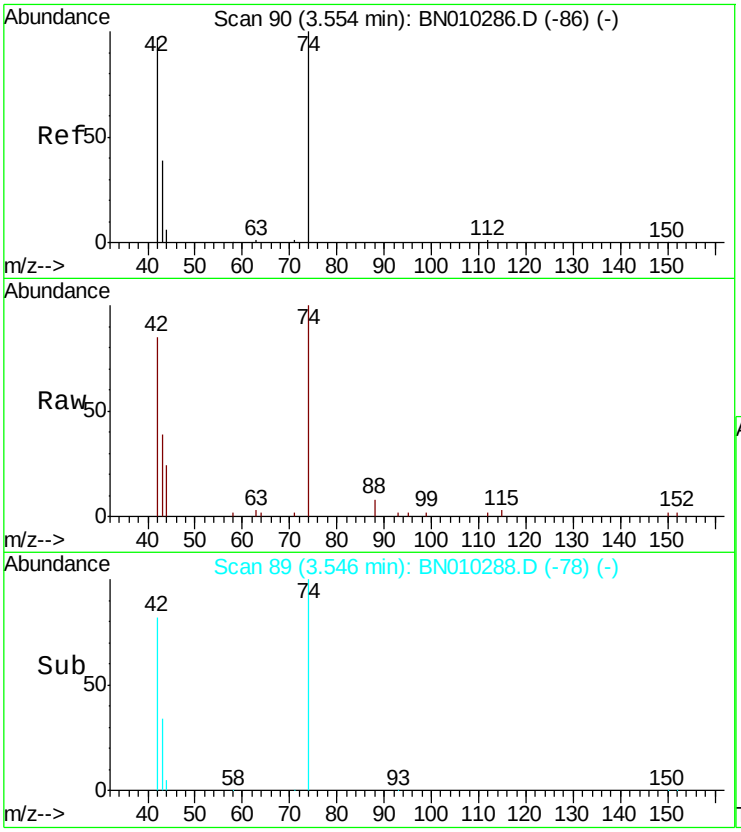


#2
1,4-Dioxane
Concen: 1.611 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion: 88 Resp: 6213

Ion	Ratio	Lower	Upper
88	100		
58	64.6	51.7	77.5
43	27.4	21.2	31.8

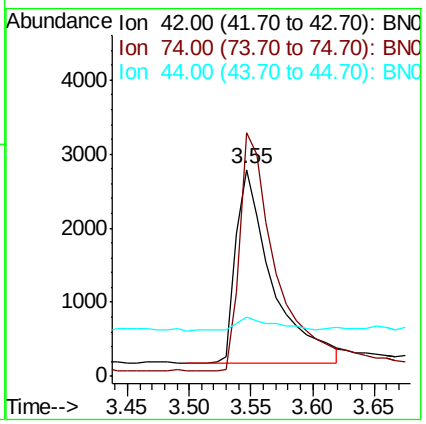




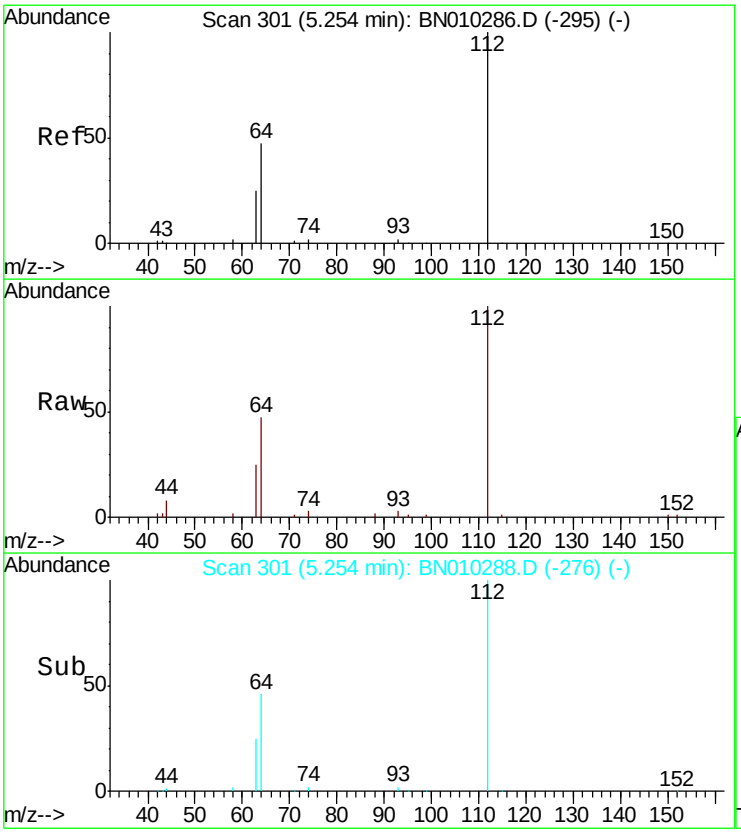
#3
n-Nitrosodimethylamine
Concen: 1.564 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.01 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion: 42 Resp: 5340

Ion	Ratio	Lower	Upper
42	100		
74	123.7	99.4	149.0
44	6.5	4.8	7.2



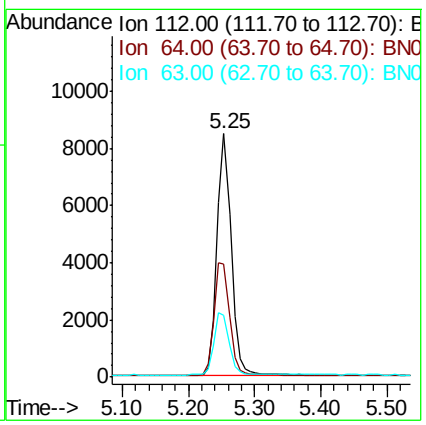
Instrument :
BNA_N
ClientSampleId :

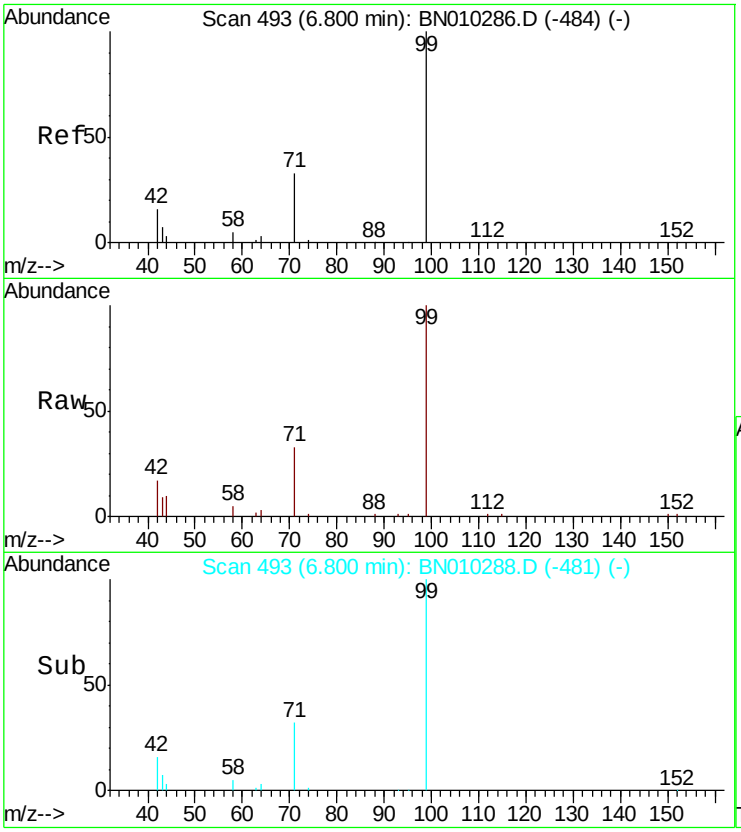


#4
2-Fluorophenol
Concen: 1.357 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:112 Resp: 12584

Ion	Ratio	Lower	Upper
112	100		
64	50.7	41.4	62.2
63	27.7	22.9	34.3



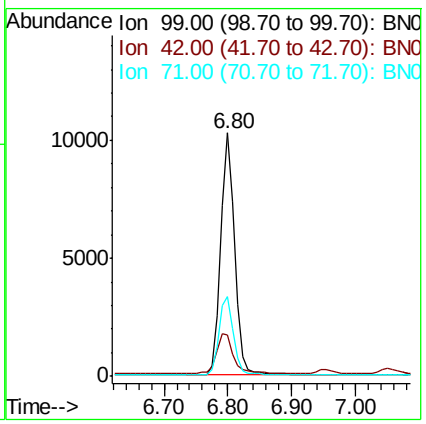


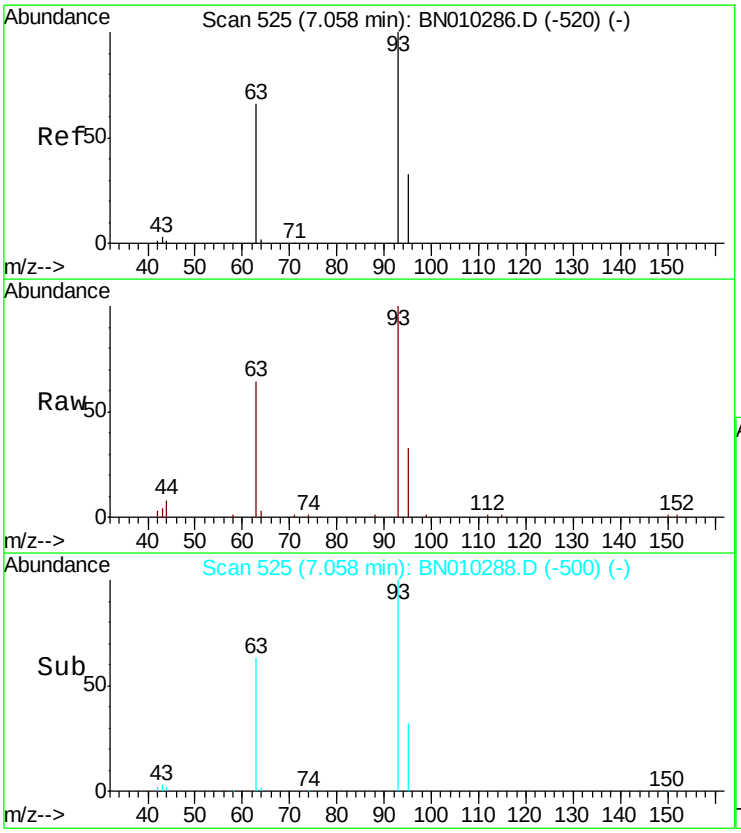
#5
Phenol-d6
Concen: 1.363 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 15803

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.8	22.2
71	33.1	27.3	40.9

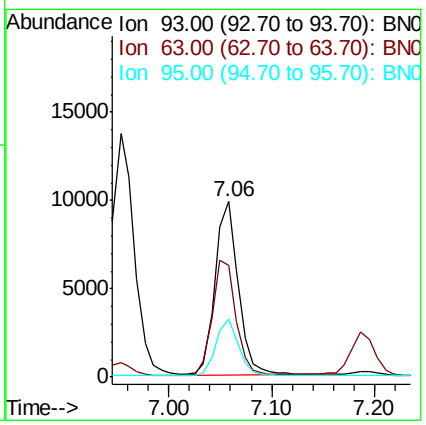


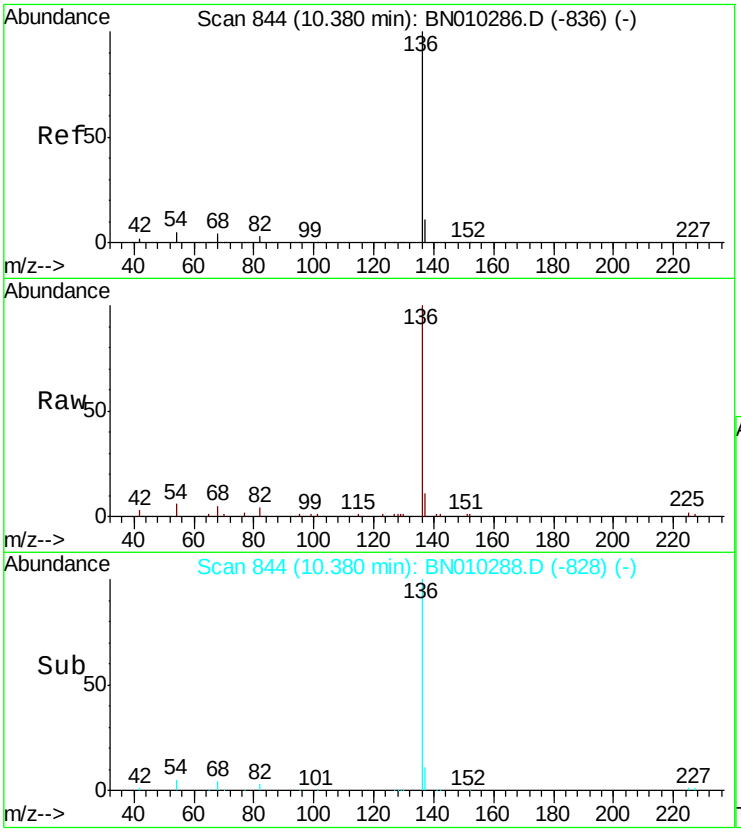


#6
bis(2-Chloroethyl)ether
Concen: 1.587 ng
RT: 7.06 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion: 93 Resp: 15358

Ion	Ratio	Lower	Upper
93	100		
63	68.8	55.6	83.4
95	32.8	26.2	39.4



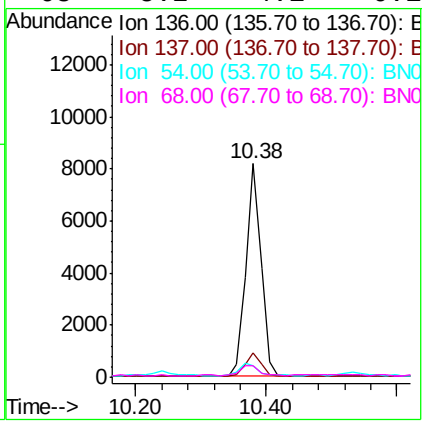


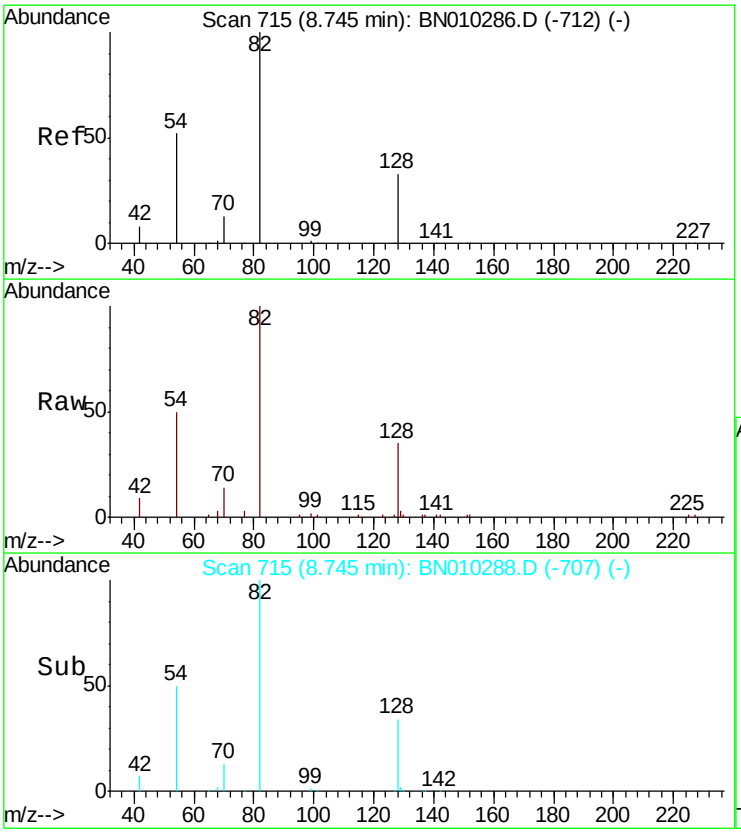
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 13068

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.3	13.9
54	5.7	4.8	7.2
68	5.2	4.1	6.1

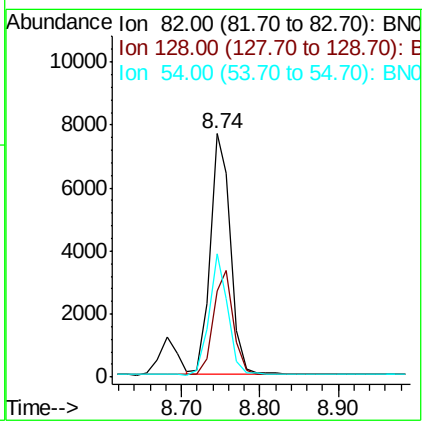


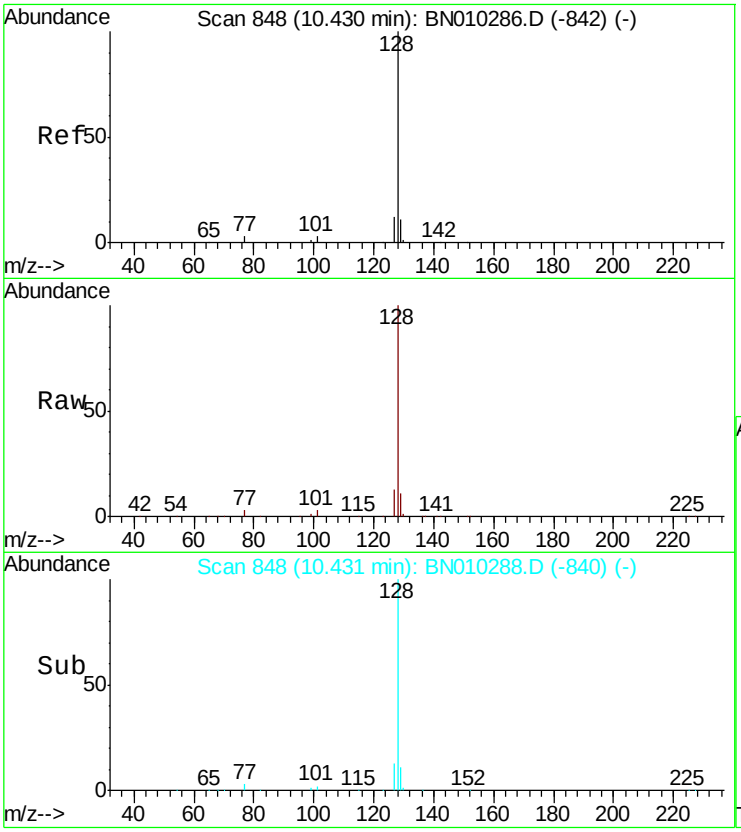


#8
Nitrobenzene-d5
Concen: 1.753 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion: 82 Resp: 13736

Ion	Ratio	Lower	Upper
82	100		
128	35.2	28.8	43.2
54	50.4	42.1	63.1



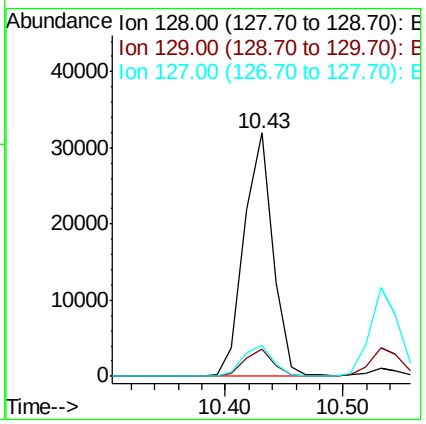


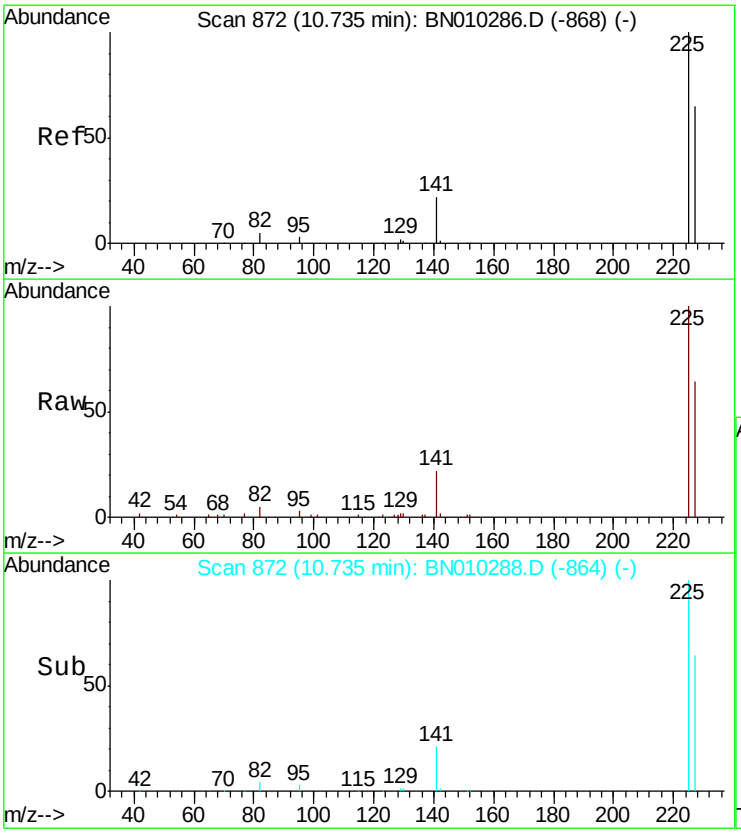
#9
Naphthalene
Concen: 1.654 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 54137

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.0	10.4	15.6

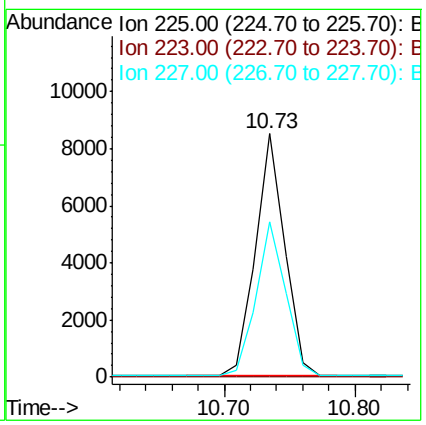


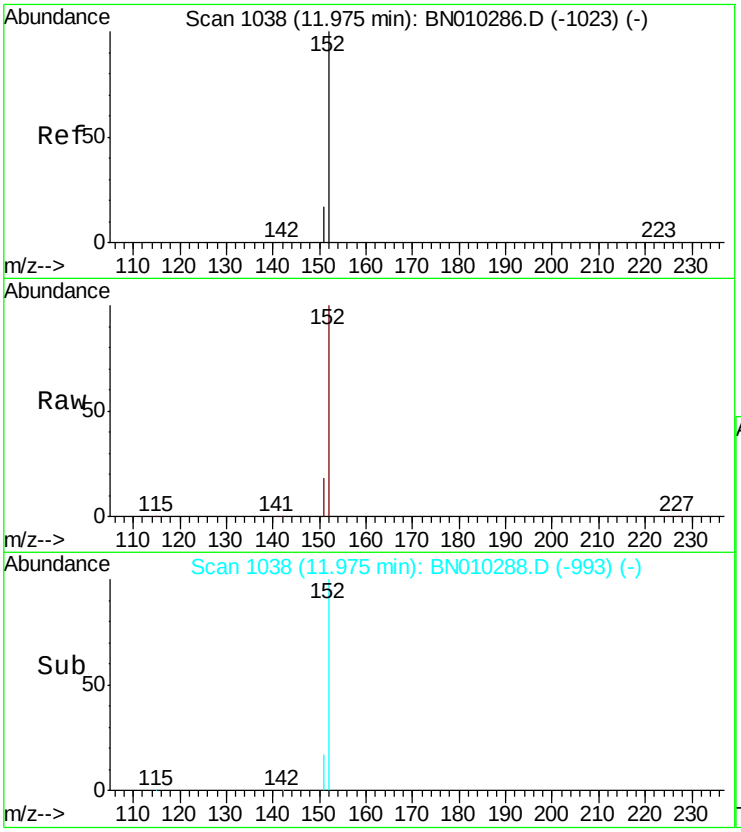


#10
Hexachlorobutadiene
Concen: 1.743 ng
RT: 10.73 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:225 Resp: 13139

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.9	77.9



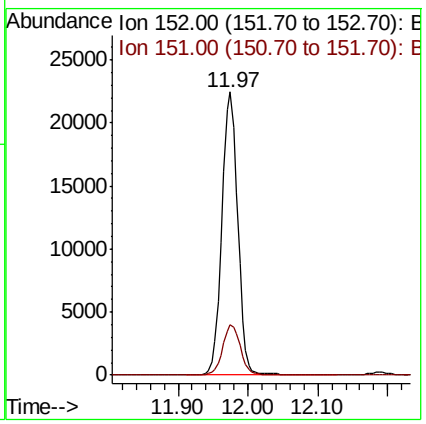


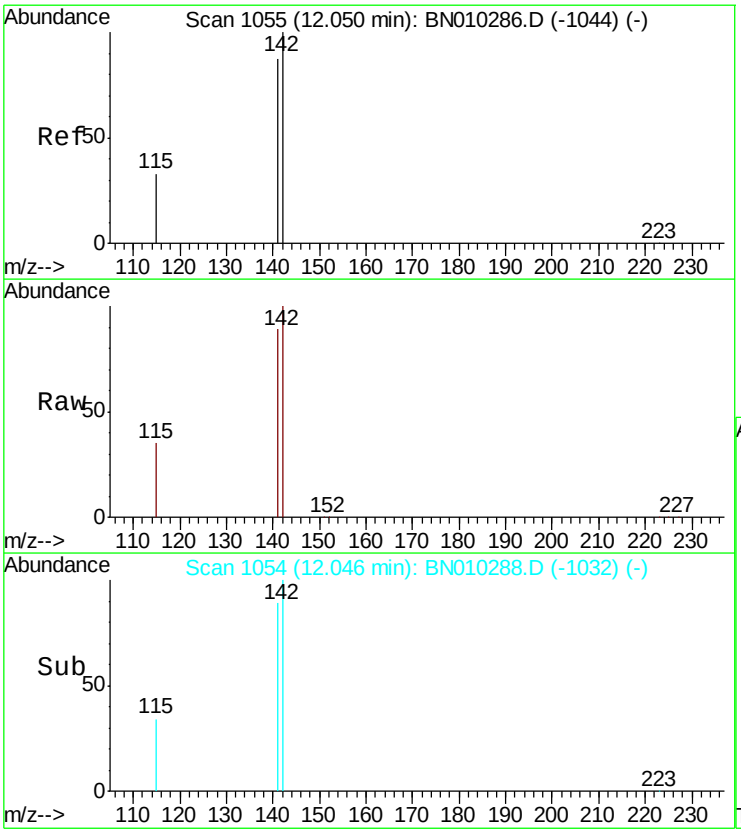
#11
2-Methylnaphthalene-d10
Concen: 1.616 ng
RT: 11.97 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 34884

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2

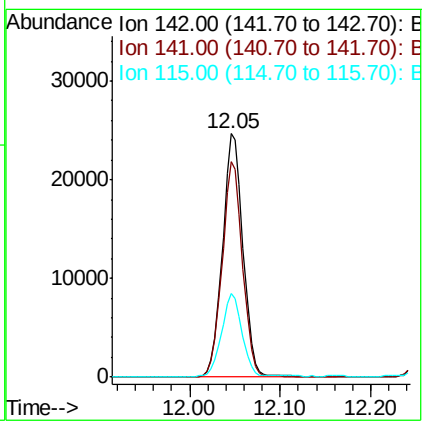


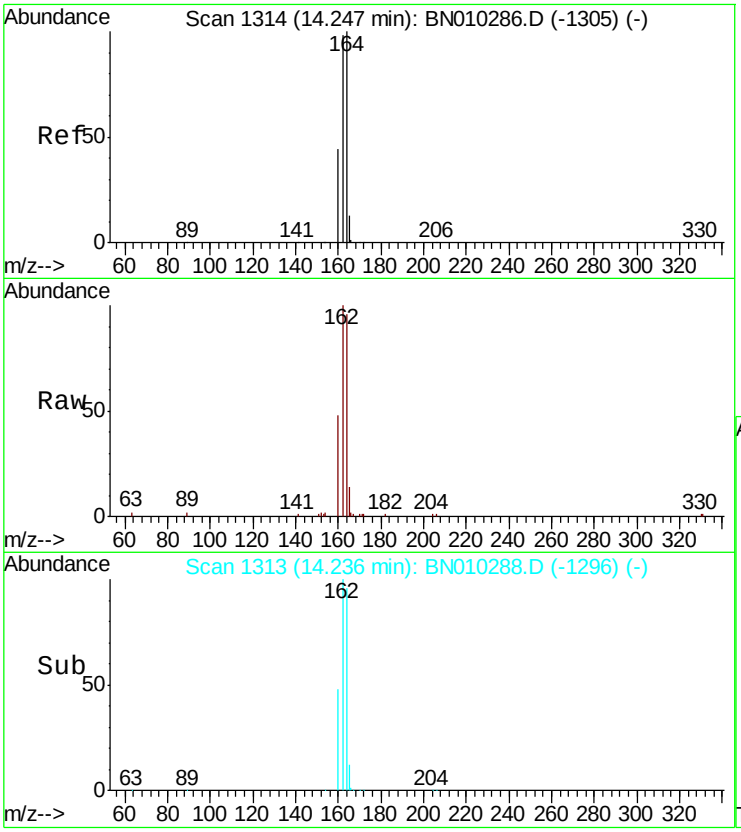


#12
2-Methylnaphthalene
Concen: 1.624 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:142 Resp: 38185

Ion	Ratio	Lower	Upper
142	100		
141	88.6	69.5	104.3
115	34.6	27.5	41.3



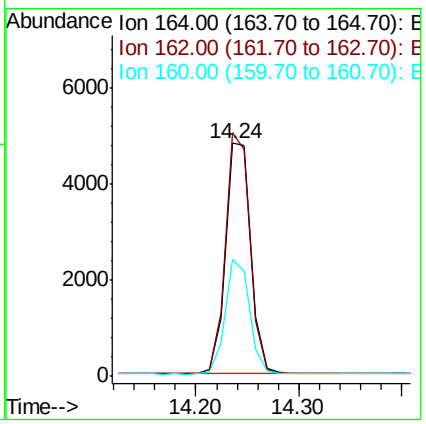


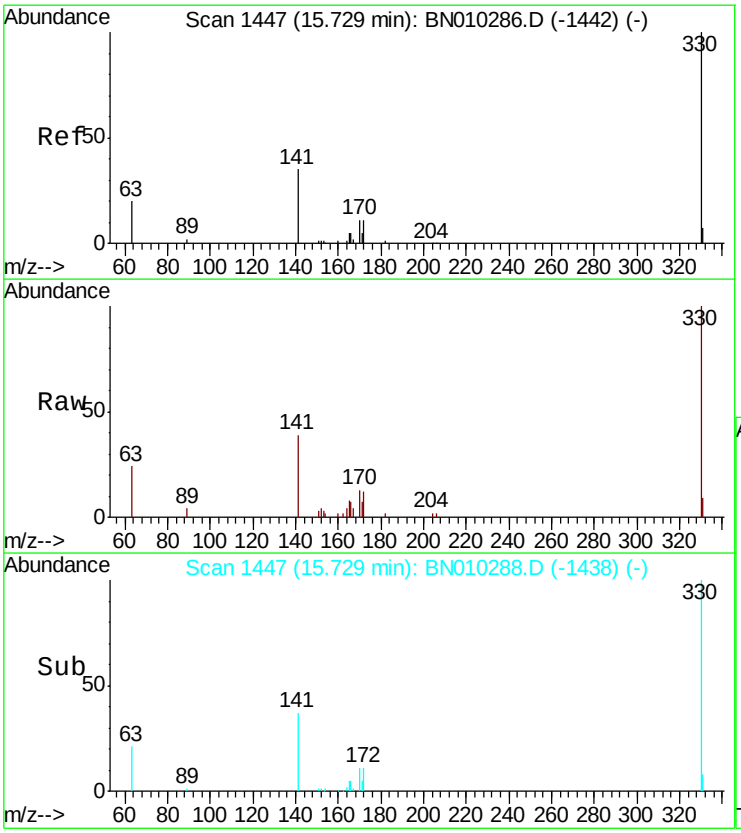
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 8083

Ion	Ratio	Lower	Upper
164	100		
162	104.5	78.2	117.2
160	50.4	35.8	53.6

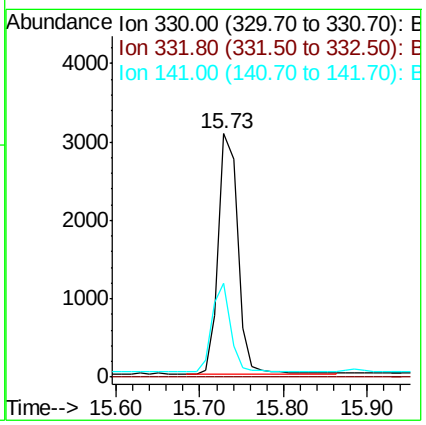


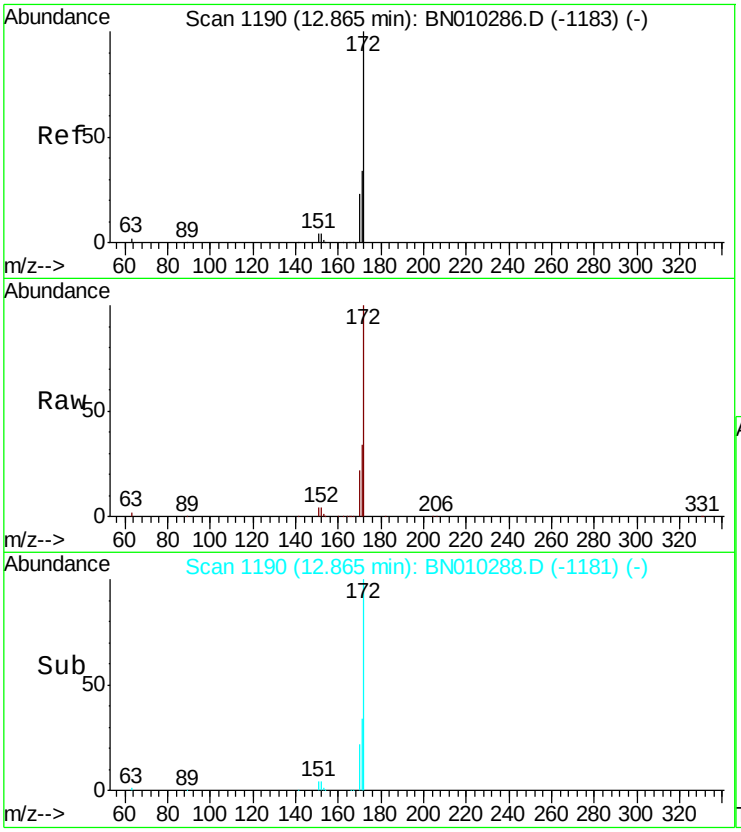


#14
2,4,6-Tribromophenol
Concen: 1.718 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:330 Resp: 4972

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.1	29.3	43.9



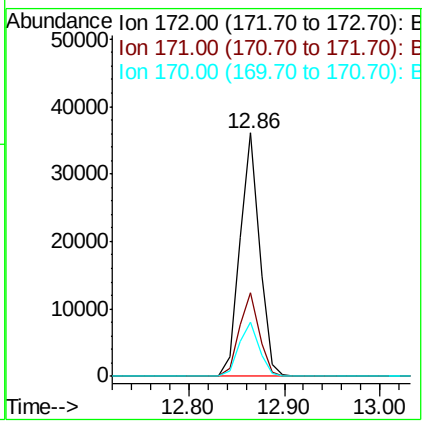


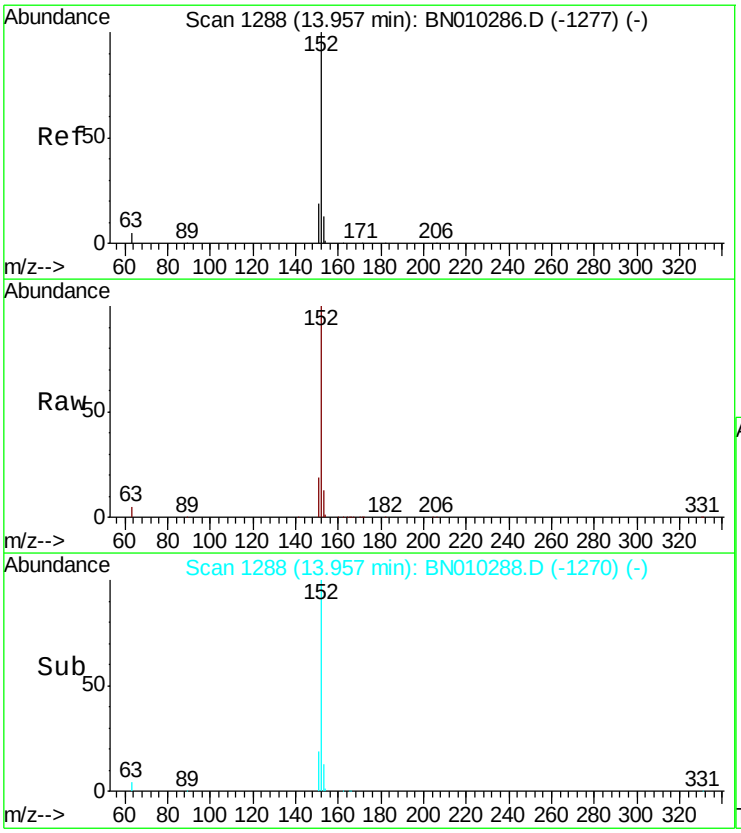
#15
2-Fluorobiphenyl
Concen: 1.779 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 51191

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.6	41.4
170	22.4	18.5	27.7

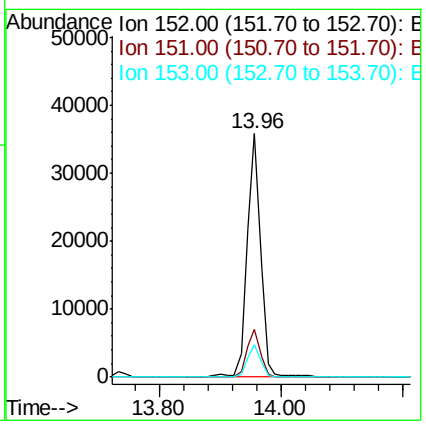


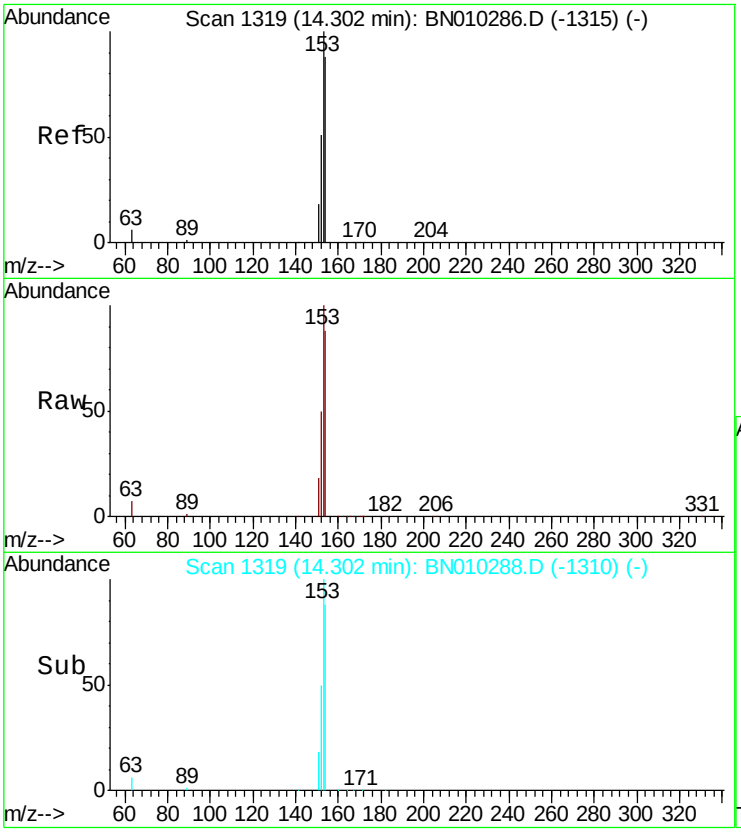


#16
Acenaphthylene
Concen: 1.445 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:152 Resp: 53915

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.0	10.6	15.8



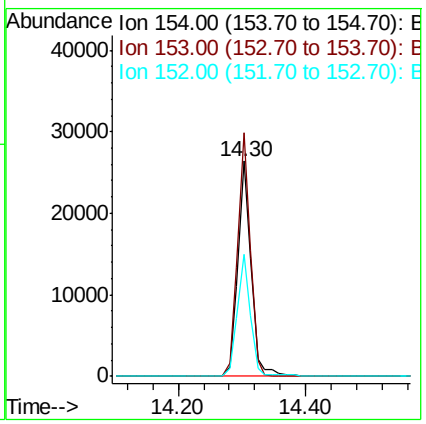


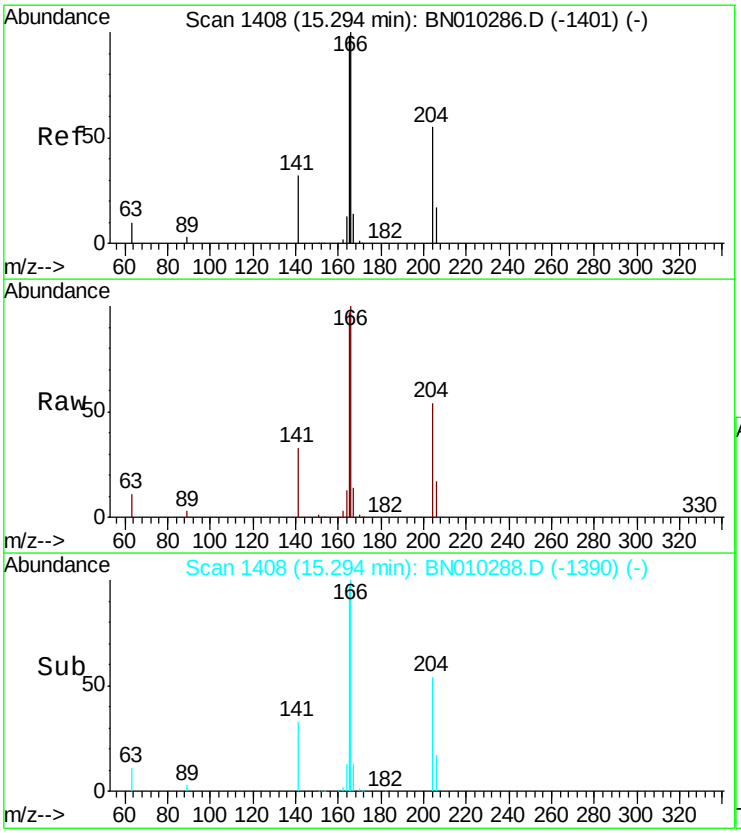
#17
Acenaphthene
Concen: 1.689 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 38232

Ion	Ratio	Lower	Upper
154	100		
153	108.9	88.1	132.1
152	55.2	45.5	68.3

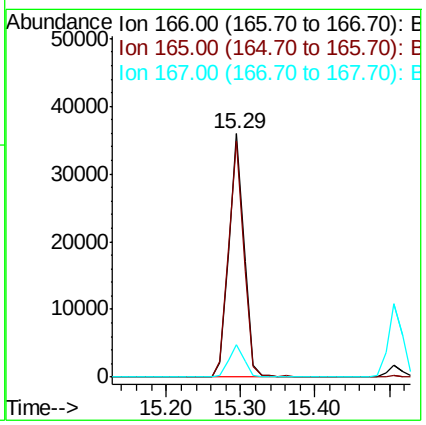


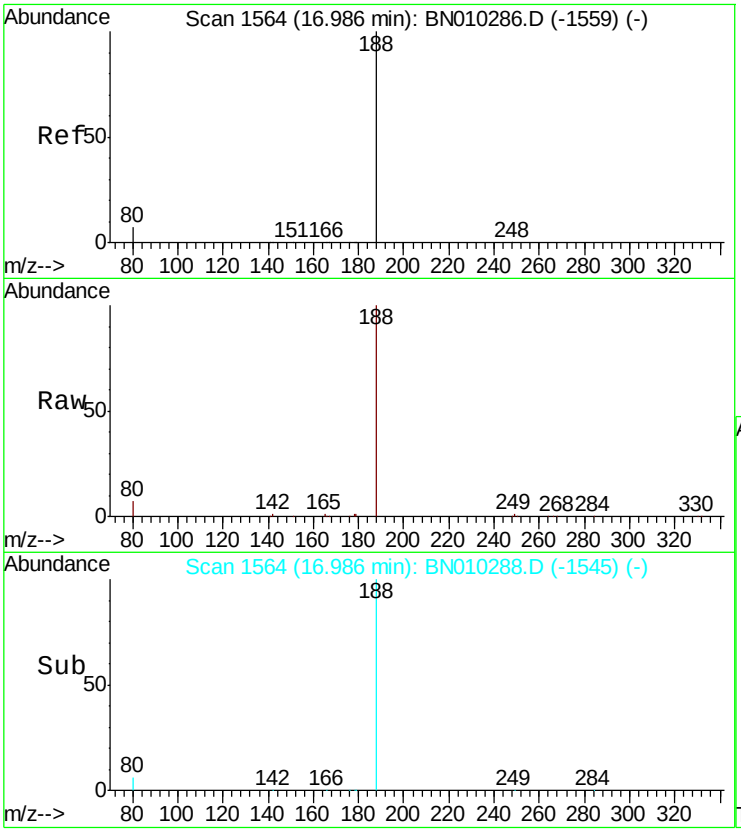


#18
Fluorene
Concen: 1.644 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:166 Resp: 50730

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.7	118.1
167	13.4	11.0	16.4



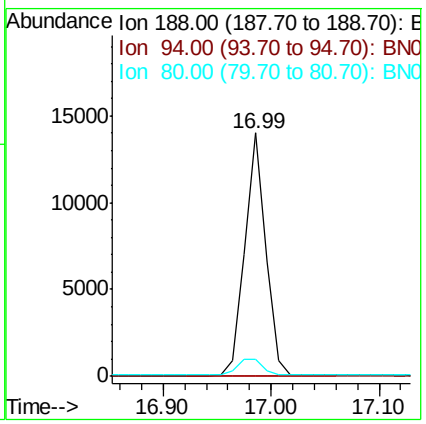


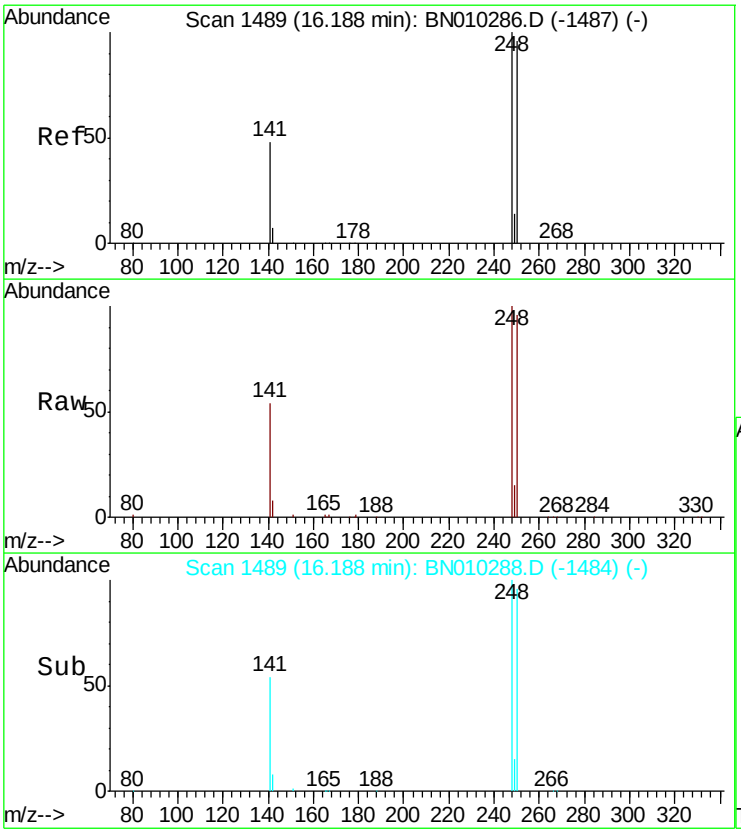
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18771

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	6.0	9.0

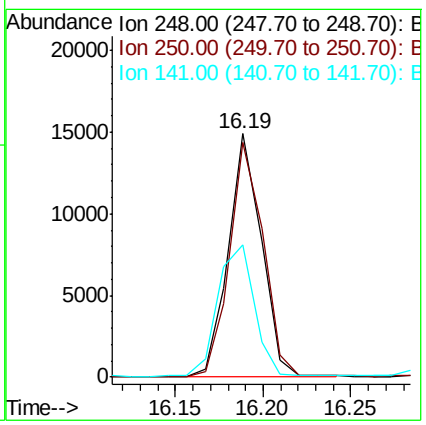


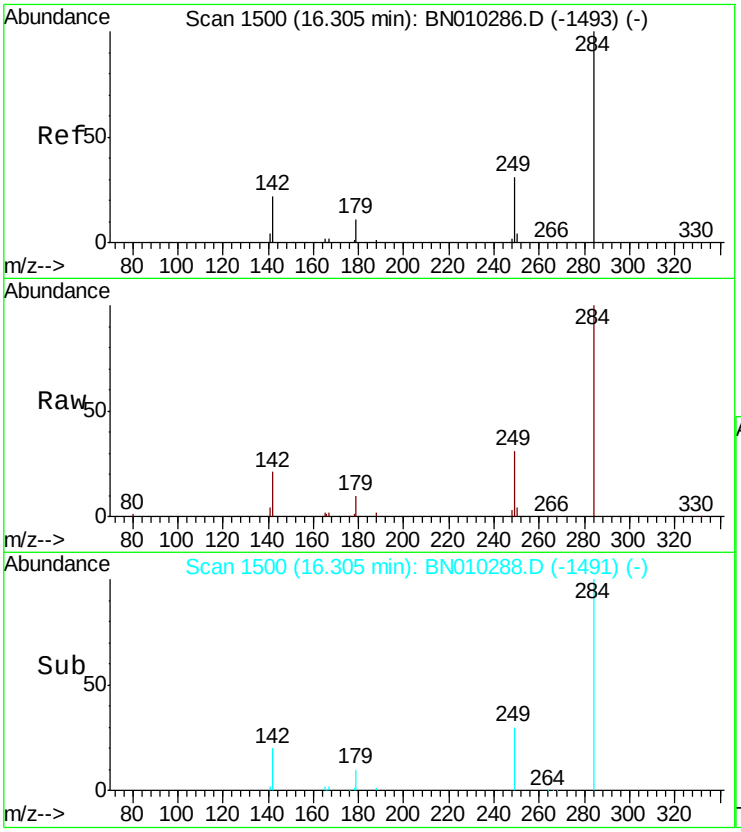


#20
4-Bromophenyl-phenylether
Concen: 1.776 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:248 Resp: 19138

Ion	Ratio	Lower	Upper
248	100		
250	96.2	76.8	115.2
141	54.3	44.4	66.6



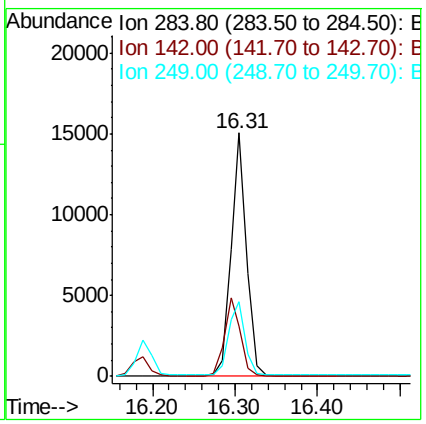


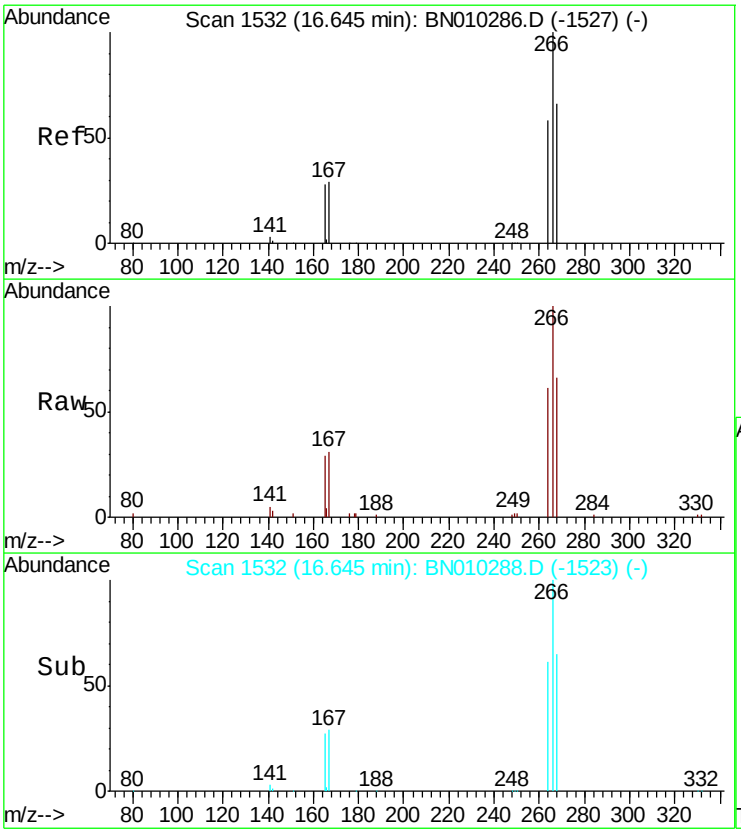
#21
Hexachlorobenzene
Concen: 1.868 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 19658

Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.4	41.2
249	32.9	26.5	39.7

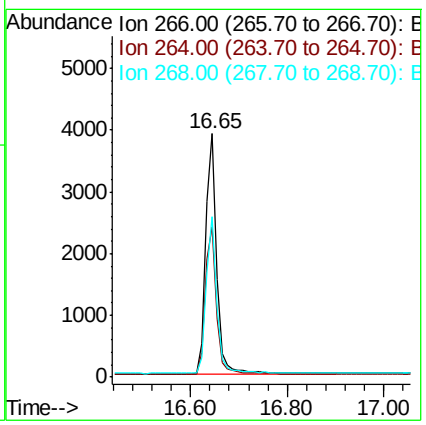


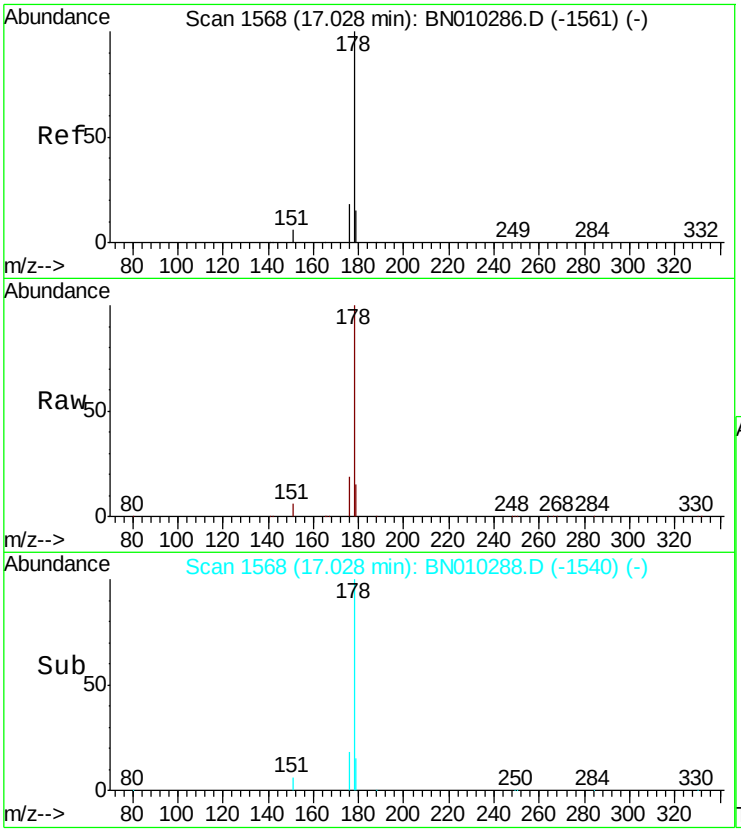


#22
Pentachlorophenol
Concen: 1.927 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:266 Resp: 6263

Ion	Ratio	Lower	Upper
266	100		
264	61.5	47.7	71.5
268	65.7	54.9	82.3



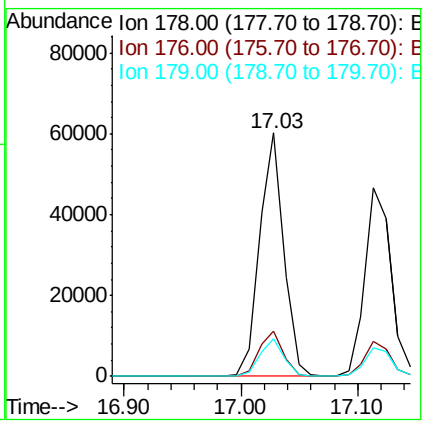


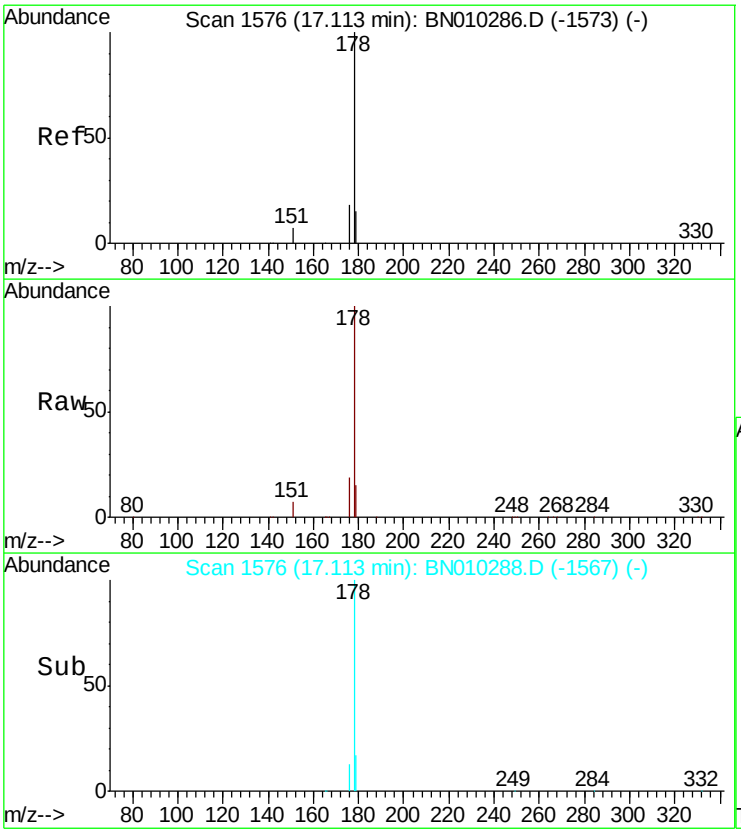
#23
Phenanthrene
Concen: 1.736 ng
RT: 17.03 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 86464

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.4	18.6

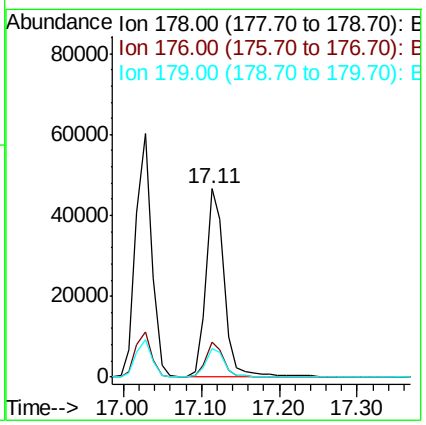


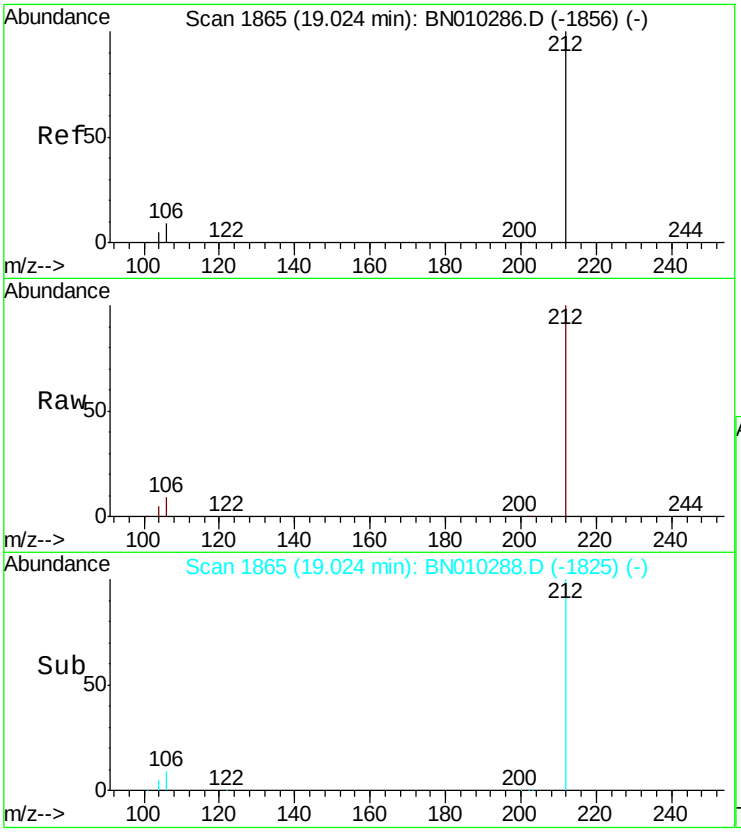


#24
Anthracene
Concen: 1.494 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:178 Resp: 74129

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.3	18.5



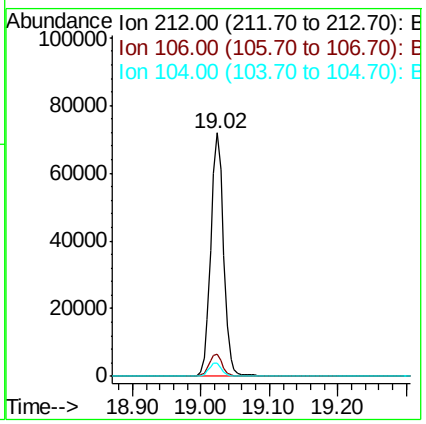


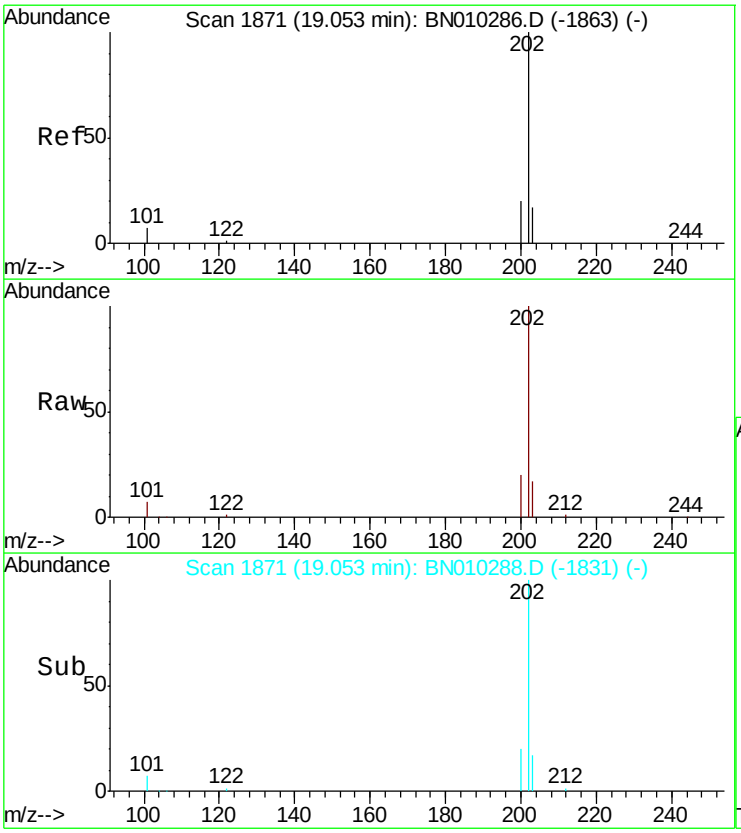
#25
Fluoranthene-d10
Concen: 1.623 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 94080

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.4	11.2
104	5.3	4.2	6.4

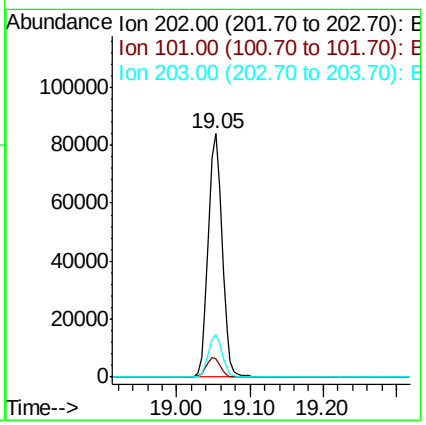


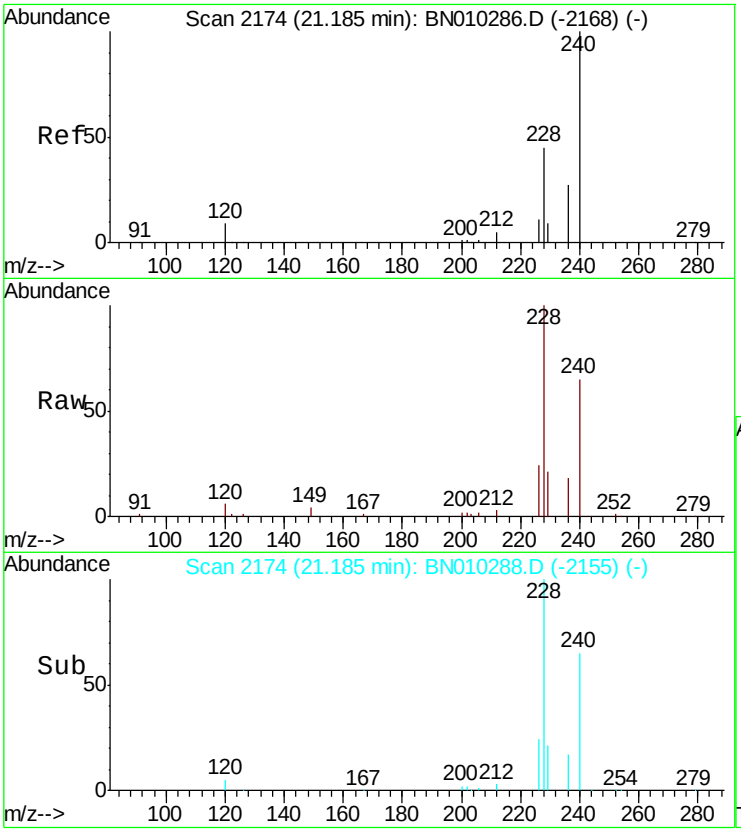


#26
Fluoranthene
Concen: 1.713 ng
RT: 19.05 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:202 Resp: 108035

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.6	9.8
203	17.2	13.8	20.8



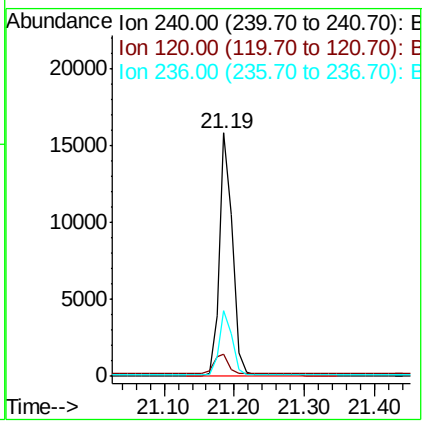


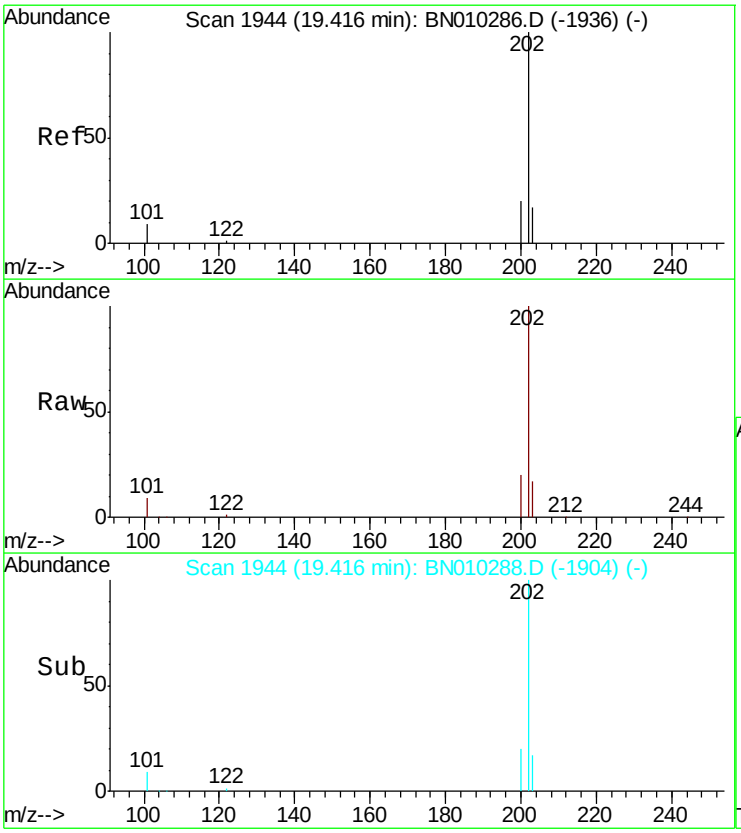
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 20578

Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.9	11.9
236	27.2	22.2	33.4

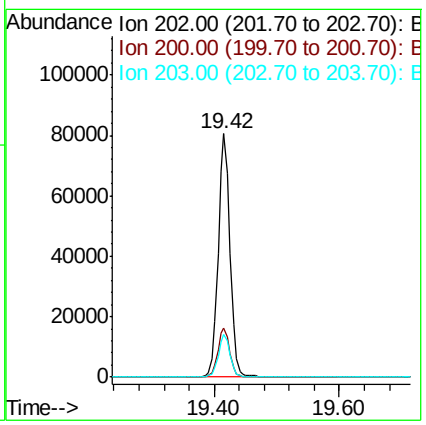


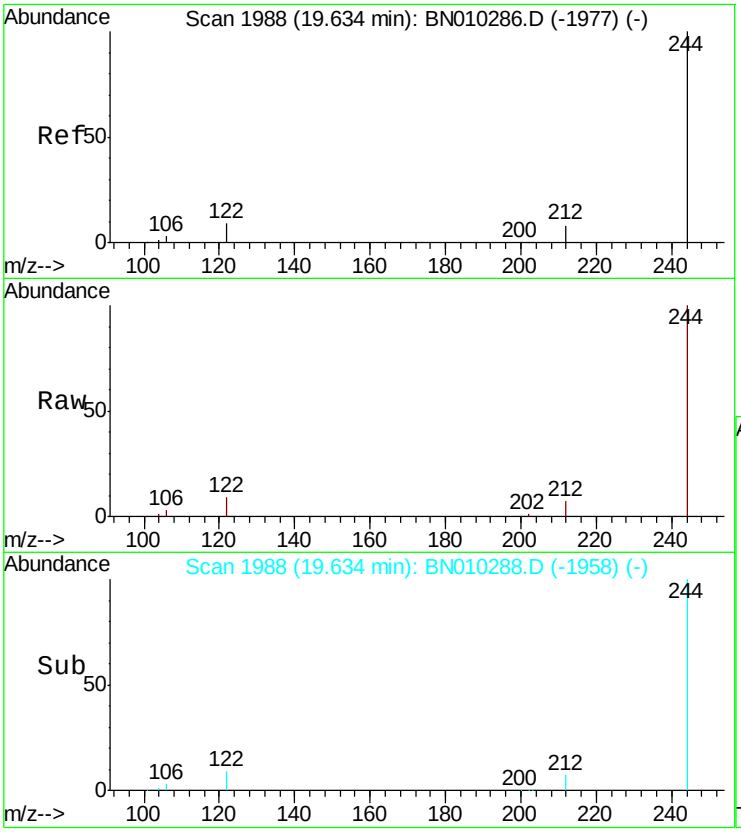


#28
Pyrene
Concen: 1.532 ng
RT: 19.42 min Scan# 1944
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:202 Resp: 105308

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.4	14.2	21.2



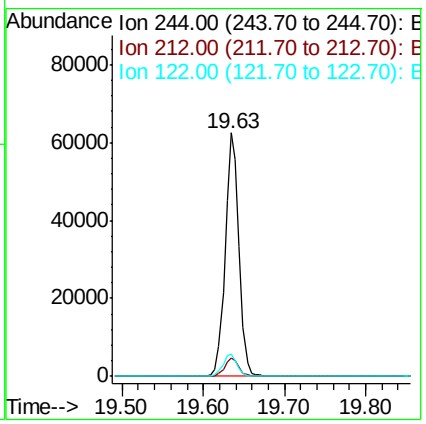


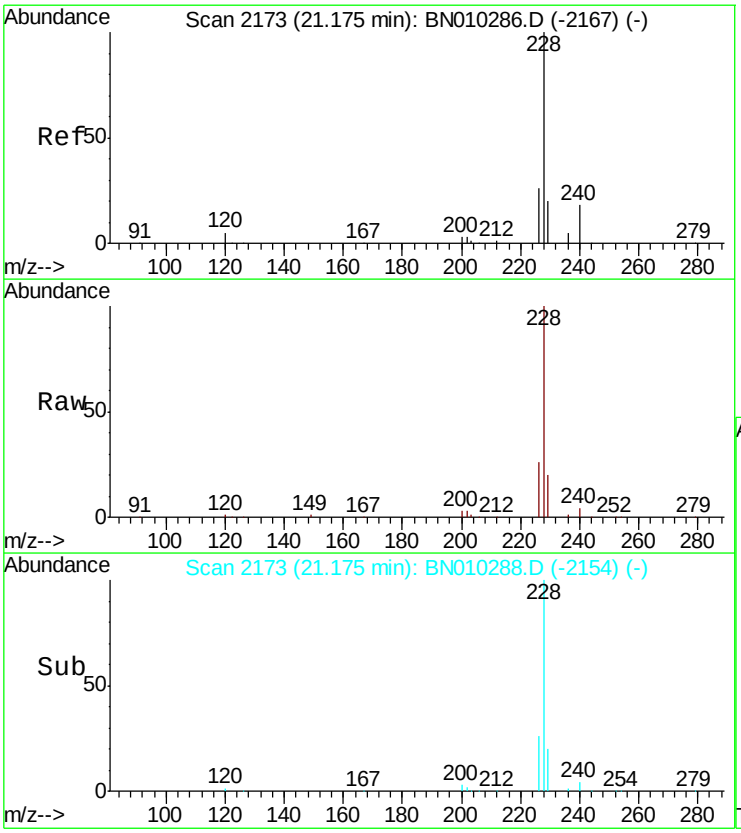
#29
Terphenyl-d14
Concen: 1.563 ng
RT: 19.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 73314

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	9.0	7.6	11.4

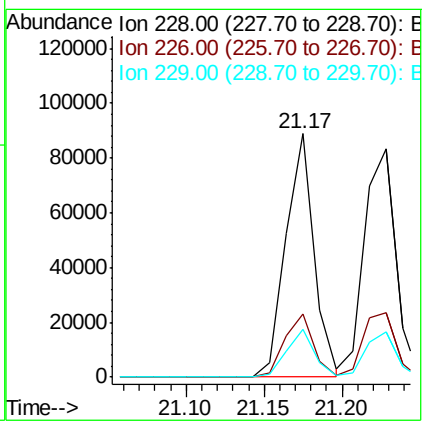


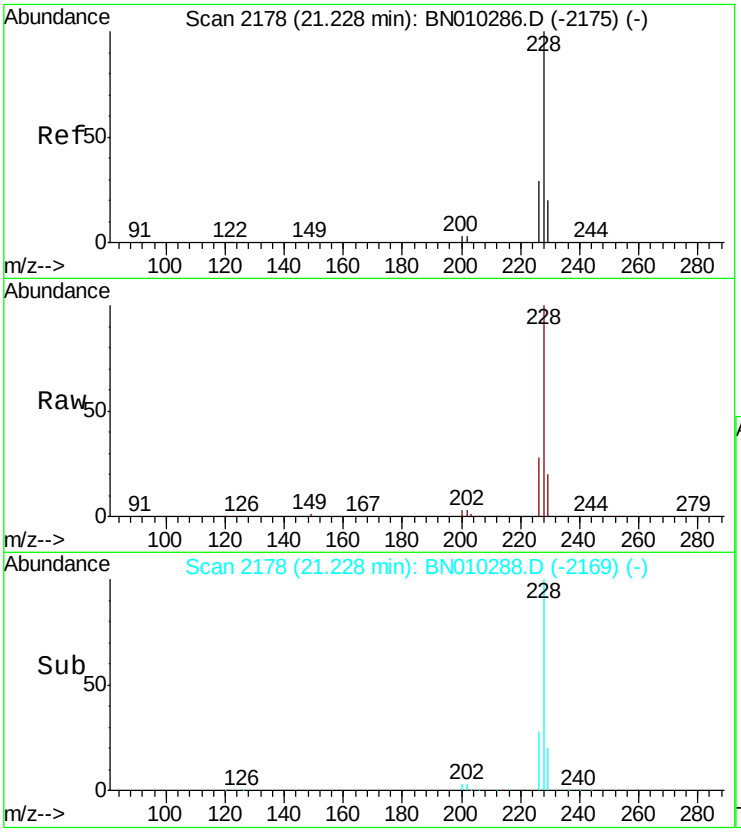


#30
Benzo(a)anthracene
Concen: 1.586 ng
RT: 21.17 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:228 Resp: 110971

Ion	Ratio	Lower	Upper
228	100		
226	25.9	21.0	31.4
229	19.8	16.0	24.0



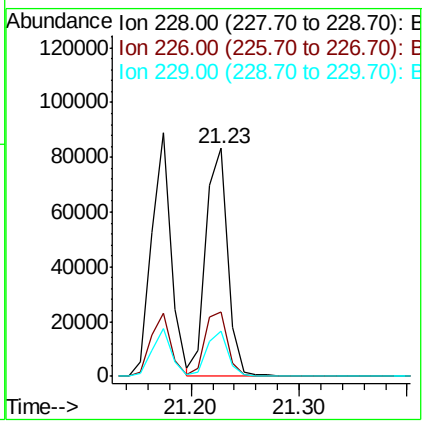


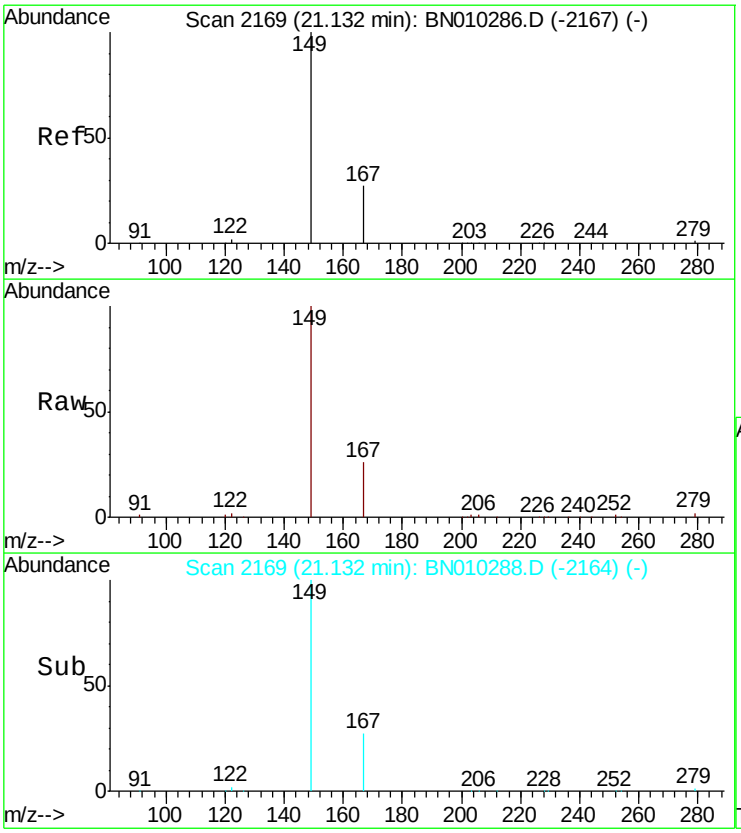
#31
Chrysene
Concen: 1.685 ng
RT: 21.23 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 116026

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	20.1	16.0	24.0

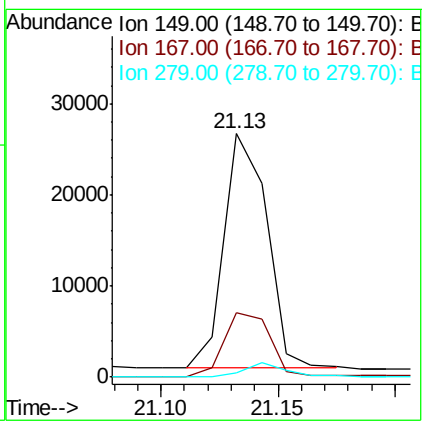


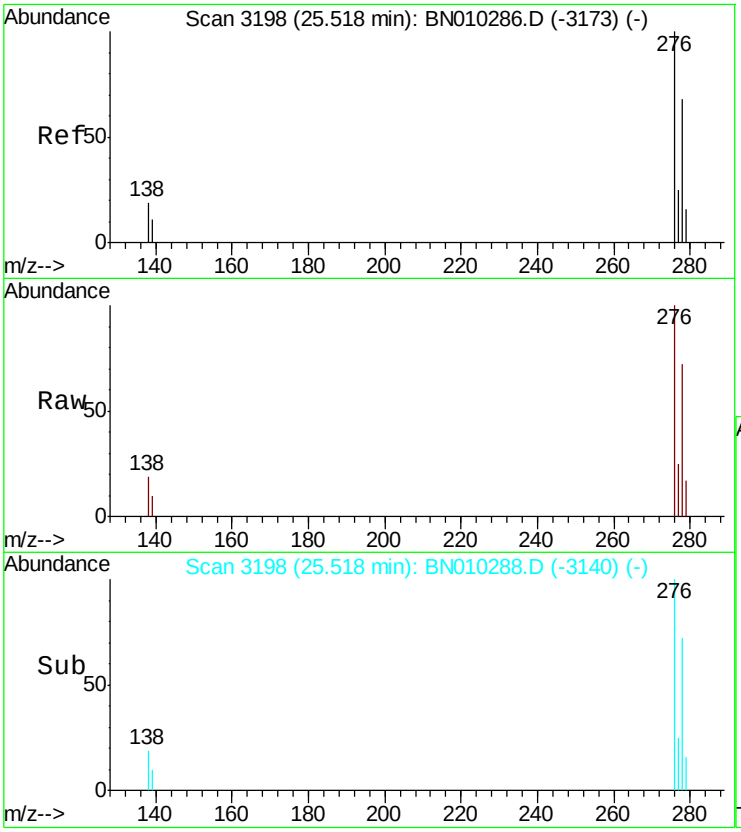


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.103 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:149 Resp: 32874

Ion	Ratio	Lower	Upper
149	100		
167	28.7	23.0	34.6
279	4.9	3.8	5.8



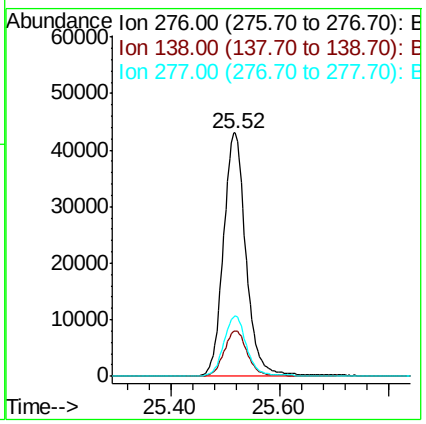


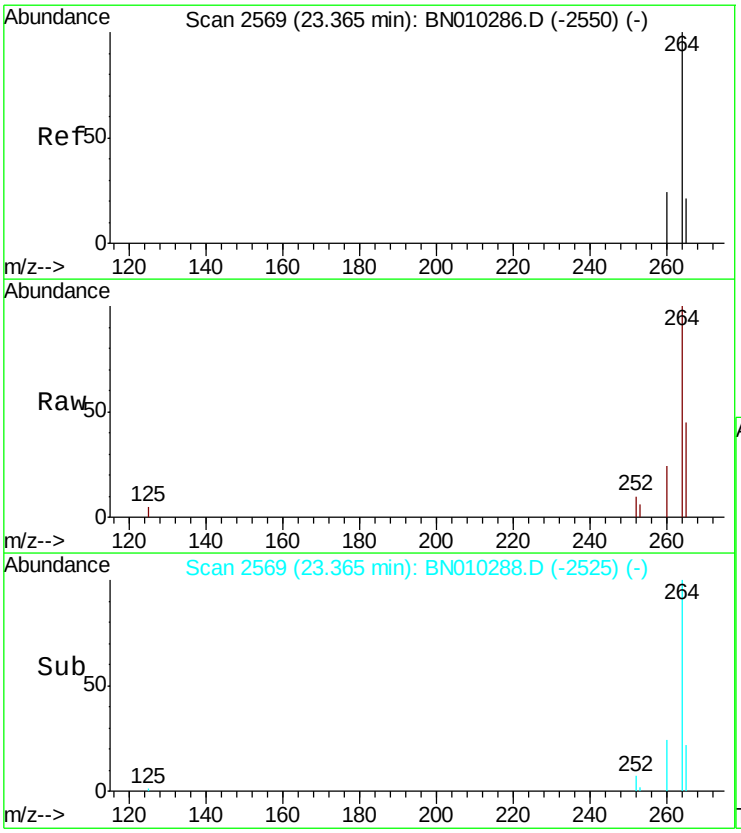
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.504 ng
RT: 25.52 min Scan# 3198
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 122914

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.6	23.4
277	24.9	20.1	30.1

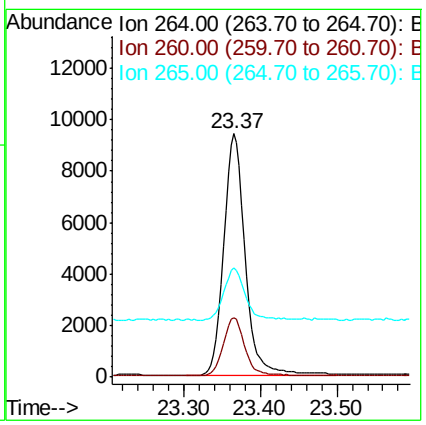


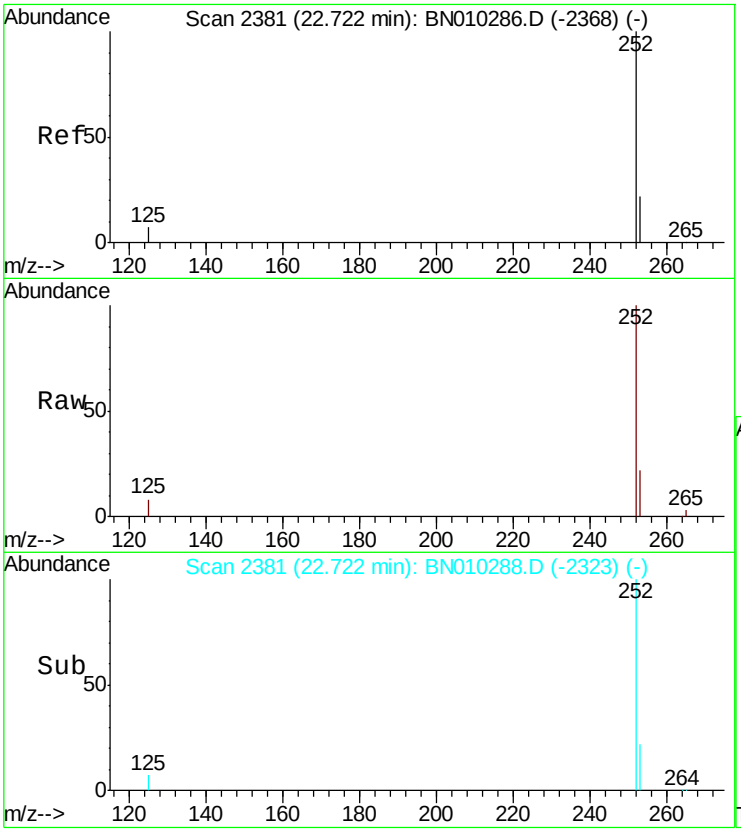


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:264 Resp: 18679

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	44.9	32.4	48.6



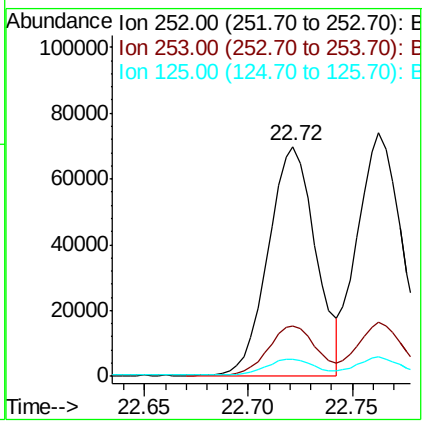


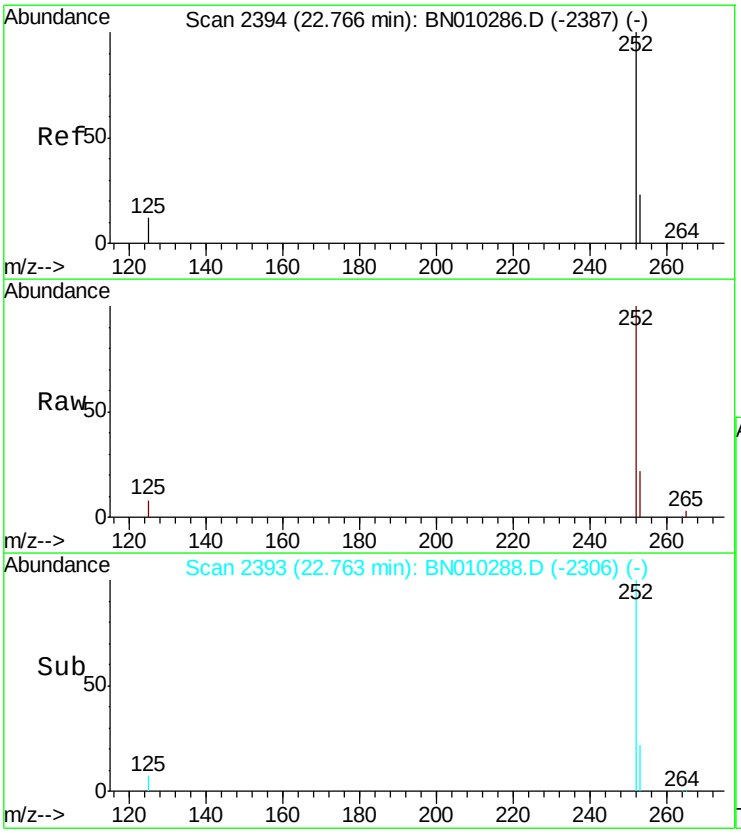
#35
Benzo(b)fluoranthene
Concen: 1.914 ng
RT: 22.72 min Scan# 2381
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 109943

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	7.6	7.4	11.0

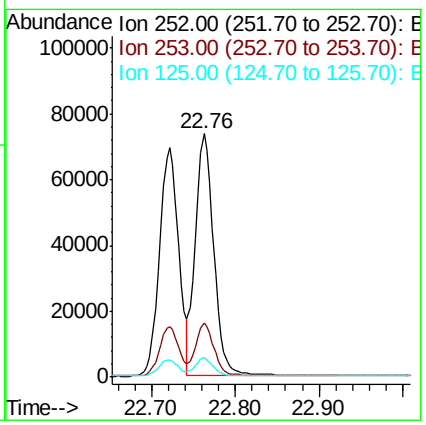


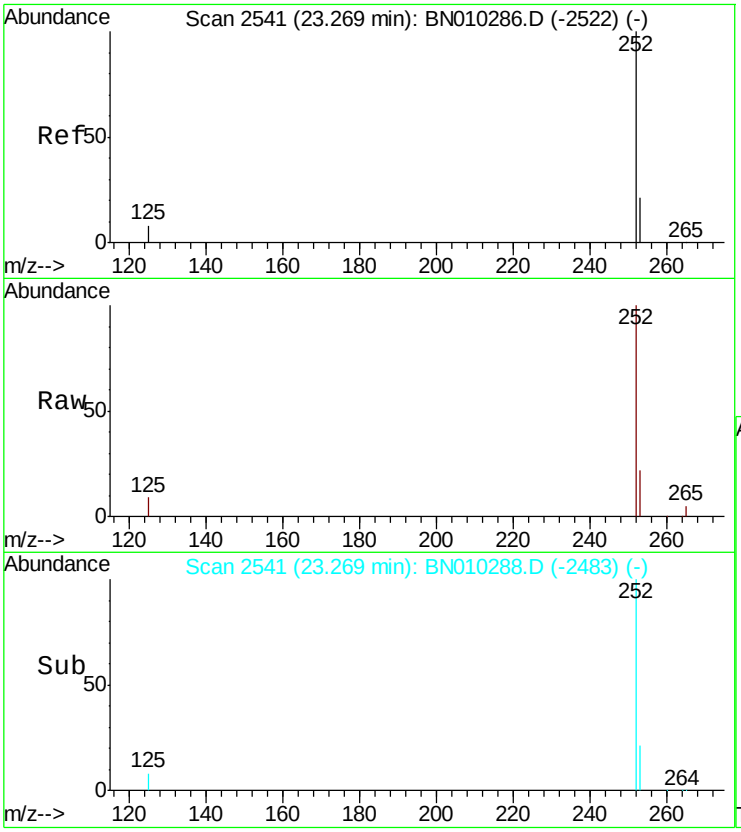


#36
Benzo(k)fluoranthene
Concen: 1.949 ng
RT: 22.76 min Scan# 2393
Delta R.T. -0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:252 Resp: 113135

Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.4	29.0
125	7.8	10.2	15.2#



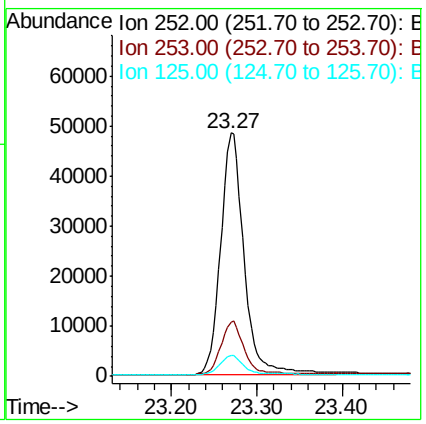


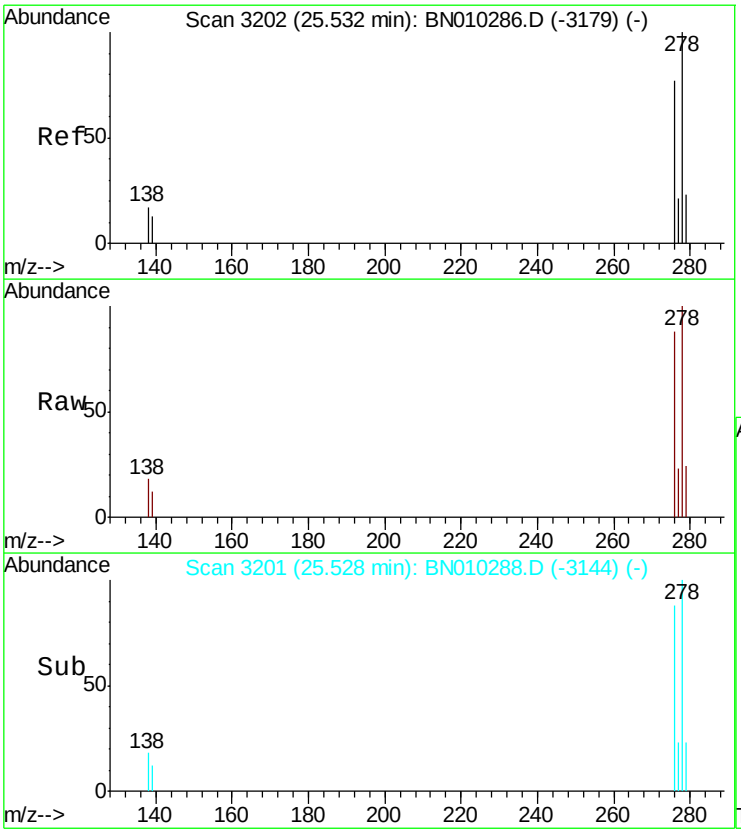
#37
Benzo(a)pyrene
Concen: 1.703 ng
RT: 23.27 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 92286

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	8.7	8.9	13.3#

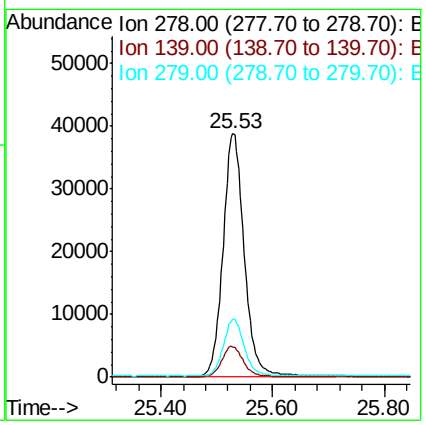


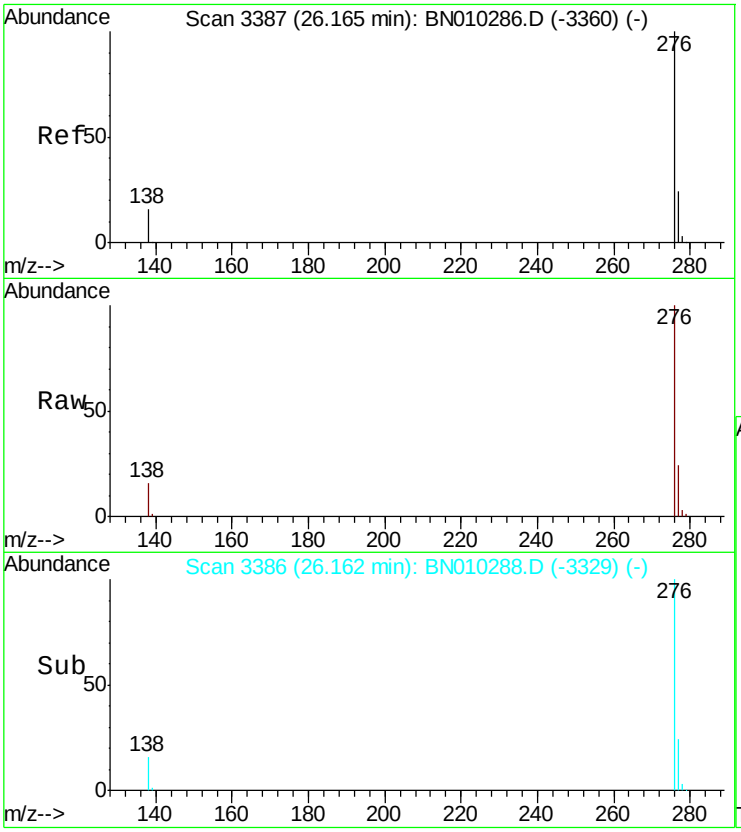


#38
Dibenzo(a,h)anthracene
Concen: 1.876 ng
RT: 25.53 min Scan# 3201
Delta R.T. -0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Tgt Ion:278 Resp: 102013

Ion	Ratio	Lower	Upper
278	100		
139	12.5	10.6	16.0
279	23.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.868 ng
RT: 26.16 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BN010288.D
Acq: 19 Mar 2020 13:28

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 101419

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.6	29.4
138	16.5	13.3	19.9