Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061520\
Data File : BN010886.D
Acq On : 16 Jun 2020 02:01
Operator : CG/JU
Sample : PB129516BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Jun 16 03:22:45 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	2883	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	10251	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	5536	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	10210	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	9235	0.40	ng		-0.01
34) Perylene-d12	23.27	264	7958	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	2154	0.39	ng		0.00
5) Phenol-d6	6.74	99	2582	0.39	ng		0.00
8) Nitrobenzene-d5	8.67	82	2891	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.86	152	61608	3.87	ng		-0.04
14) 2,4,6-Tribromophenol	15.66	330	661	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.79	172	8273	0.38	ng		0.00
25) Fluoranthene-d10	18.95	212	8167	0.29	ng		0.00
29) Terphenyl-d14	19.57	244	7369	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	7920	2.805	ng		95
3) n-Nitrosodimethylamine	3.51	42	10768	6.559	ng	#	91
6) bis(2-Chloroethyl)ether	6.99	93	39589	6.193	ng		96
9) Naphthalene	10.34	128	139182	5.403	ng		97
10) Hexachlorobutadiene	10.65	225	29741	4.671	ng	#	99
12) 2-Methylnaphthalene	11.96	142	96892	5.620	ng		98
16) Acenaphthylene	13.88	152	139427	6.148	ng		99
17) Acenaphthene	14.22	154	83696	5.412	ng		97
18) Fluorene	15.22	166	108506	5.440	ng		100
20) 4-Bromophenyl-phenylether	16.11	248	32869	5.357	ng	#	80
21) Hexachlorobenzene	16.23	284	35259	5.509	ng		98
22) Pentachlorophenol	16.58	266	14926	6.947	ng		92
23) Phenanthrene	16.95	178	156964	5.629	ng		99
24) Anthracene	17.05	178	148396	6.374	ng		99
26) Fluoranthene	18.98	202	164639	5.201	ng		99
28) Pyrene	19.35	202	163457	5.350	ng		100
30) Benzo(a)anthracene	21.10	228	160528	5.914	ng		97
31) Chrysene	21.15	228	161055	5.091	ng		98
32) Bis(2-ethylhexyl)phthalate	21.07	149	57336	6.335	ng	#	97
33) Indeno(1,2,3-cd)pyrene	25.37	276	205776	5.821	ng	#	95
35) Benzo(b)fluoranthene	22.63	252	169452	6.262	ng	#	89
36) Benzo(k)fluoranthene	22.67	252	171591	5.952	ng	#	89
37) Benzo(a)pyrene	23.17	252	144340	6.219	ng	#	83
38) Dibenzo(a,h)anthracene	25.38	278	177810	6.718	ng	#	92
39) Benzo(g,h,i)perylene	26.01	276	177413	6.413	ng		97

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

Quantitation Report (Not Reviewed)

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Acq On : 16 Jun 2020 02:01
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 16 03:22:45 2020
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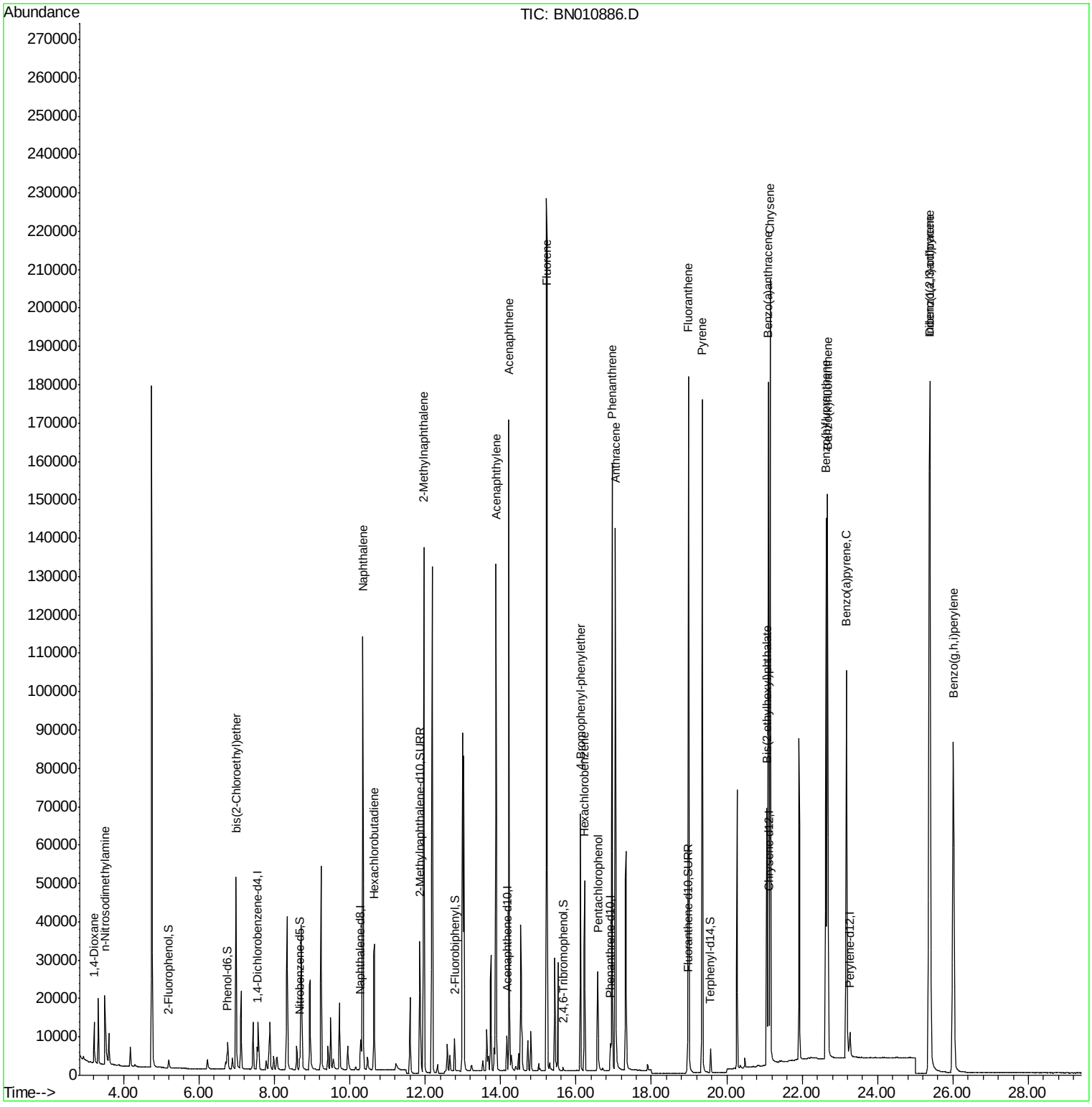
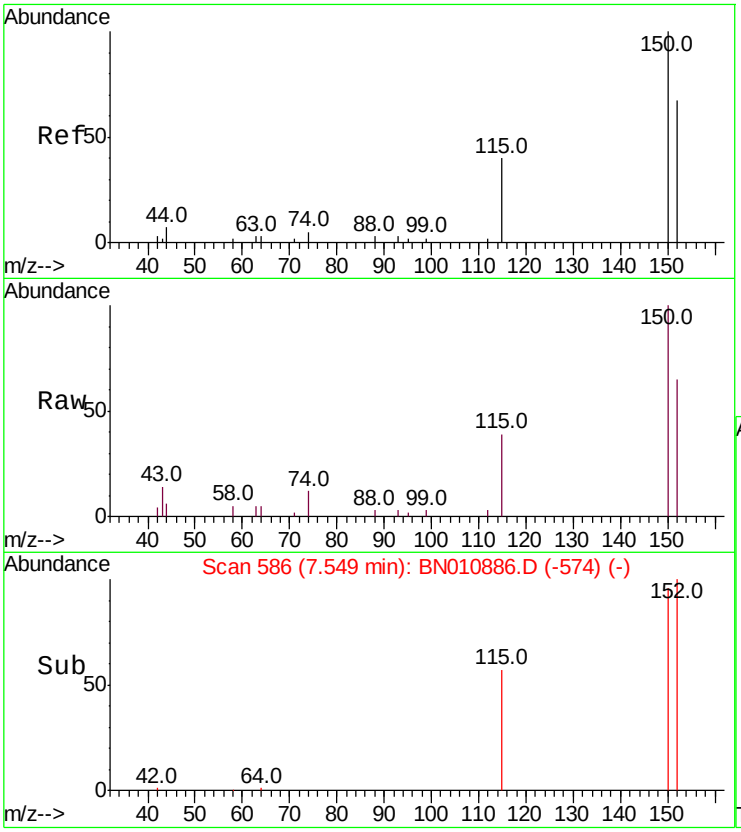
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 11:09:46 2020
Response via : Initial Calibration



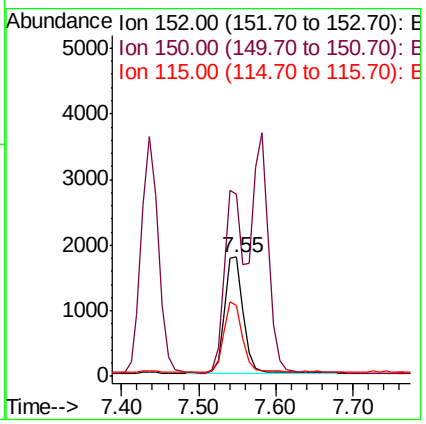


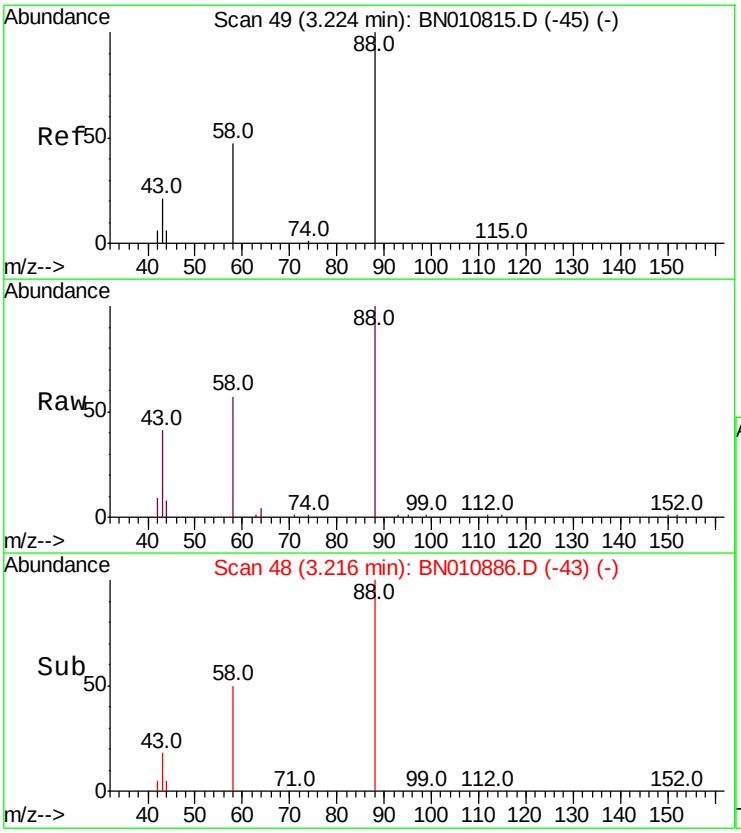
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.55 min Scan# 586
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 2883

Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.8	185.6
115	59.2	49.2	73.8

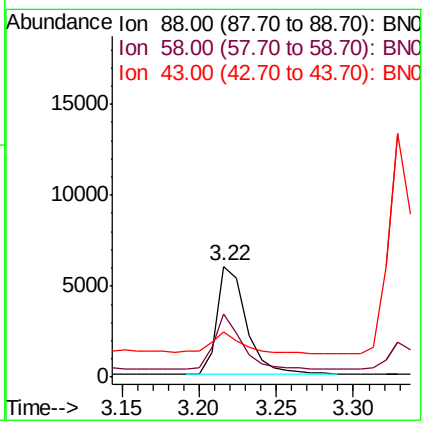


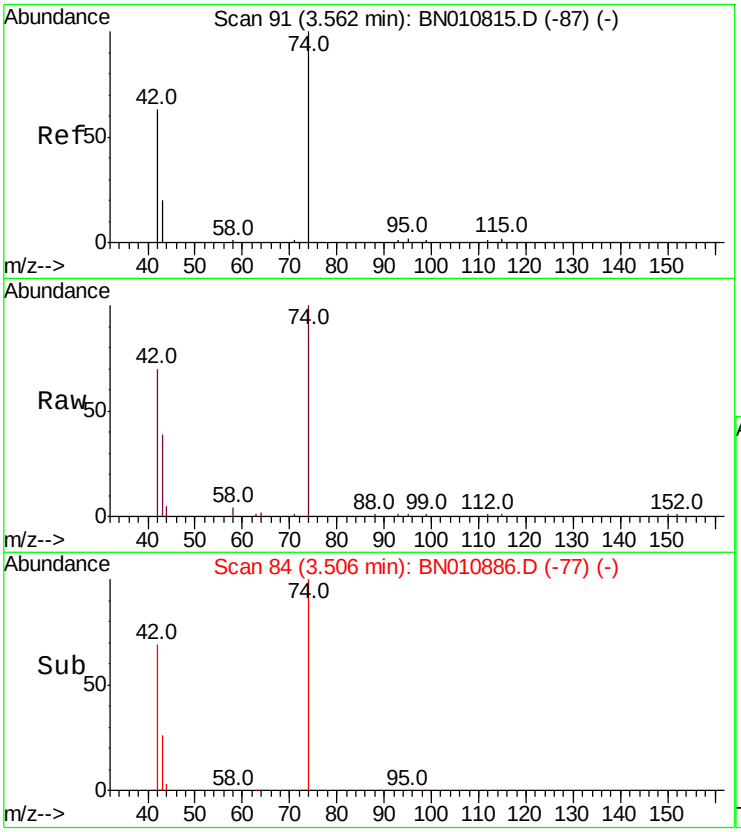


#2
1,4-Dioxane
Concen: 2.805 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion: 88 Resp: 7920

Ion	Ratio	Lower	Upper
88	100		
58	45.2	38.2	57.4
43	21.9	15.1	22.7



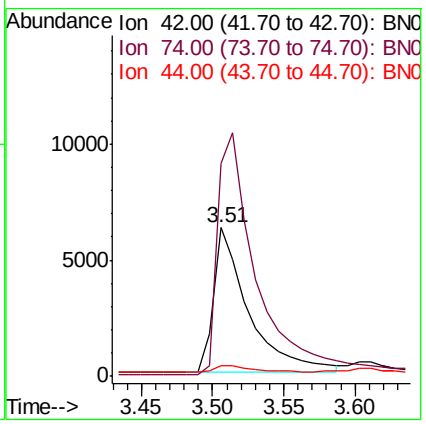


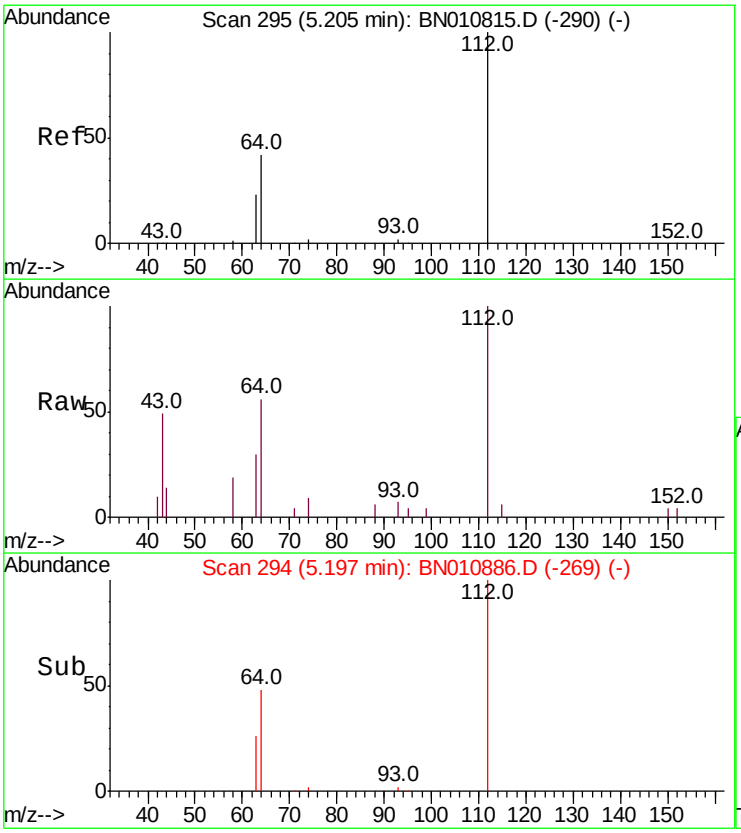
#3
n-Nitrosodimethylamine
Concen: 6.559 ng
RT: 3.51 min Scan# 84
Delta R.T. -0.04 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 10768

Ion	Ratio	Lower	Upper
42	100		
74	188.7	140.7	211.1
44	4.4	1.4	2.2#

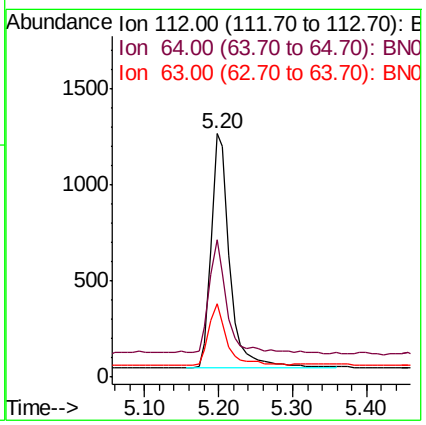


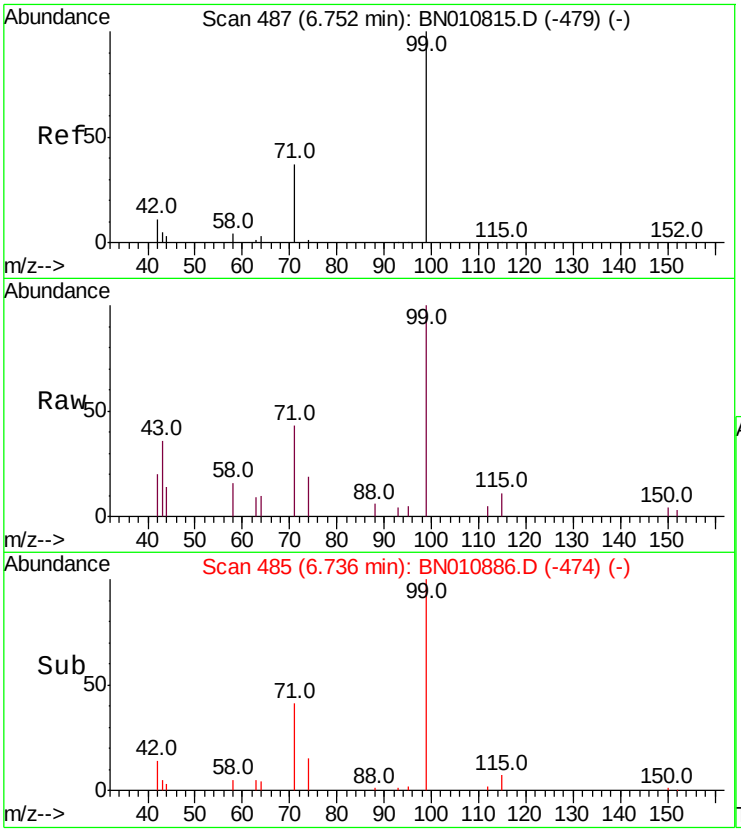


#4
2-Fluorophenol
Concen: 0.387 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:112 Resp: 2154

Ion	Ratio	Lower	Upper
112	100		
64	44.4	37.4	56.0
63	26.4	22.2	33.4



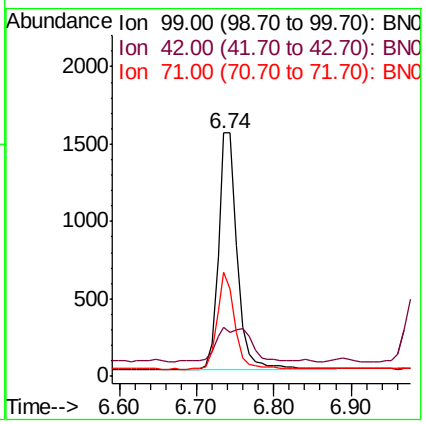


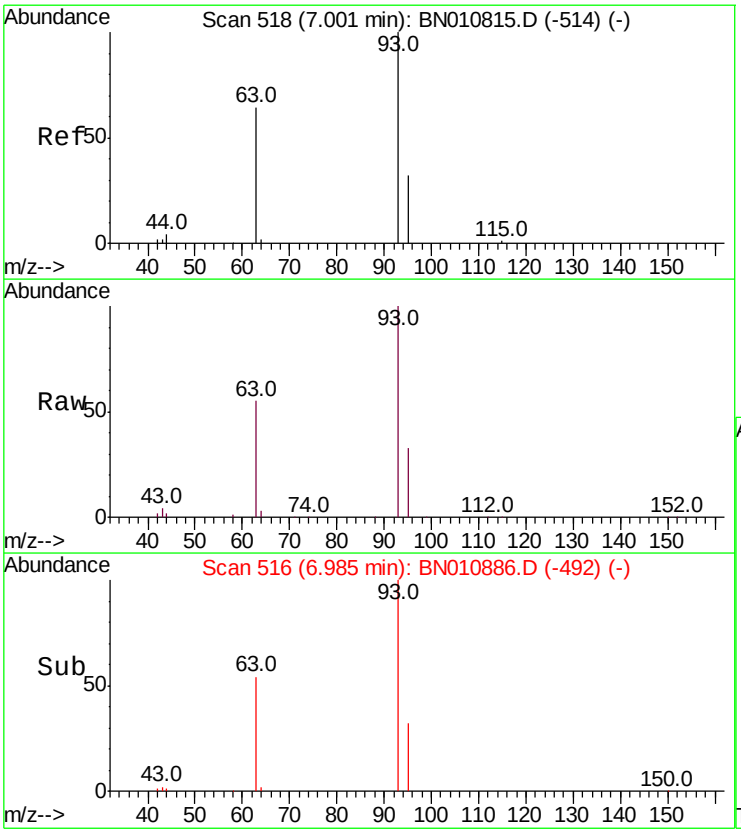
#5
Phenol-d6
Concen: 0.394 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2582

Ion	Ratio	Lower	Upper
99	100		
42	26.8	11.1	16.7#
71	38.2	31.4	47.2

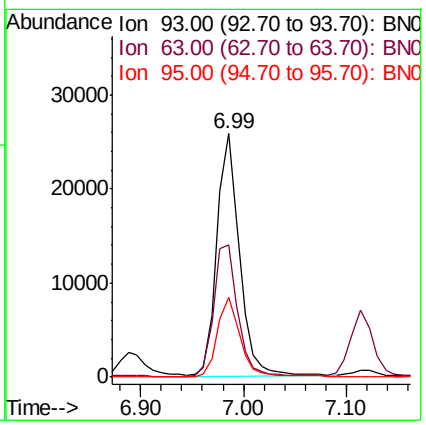


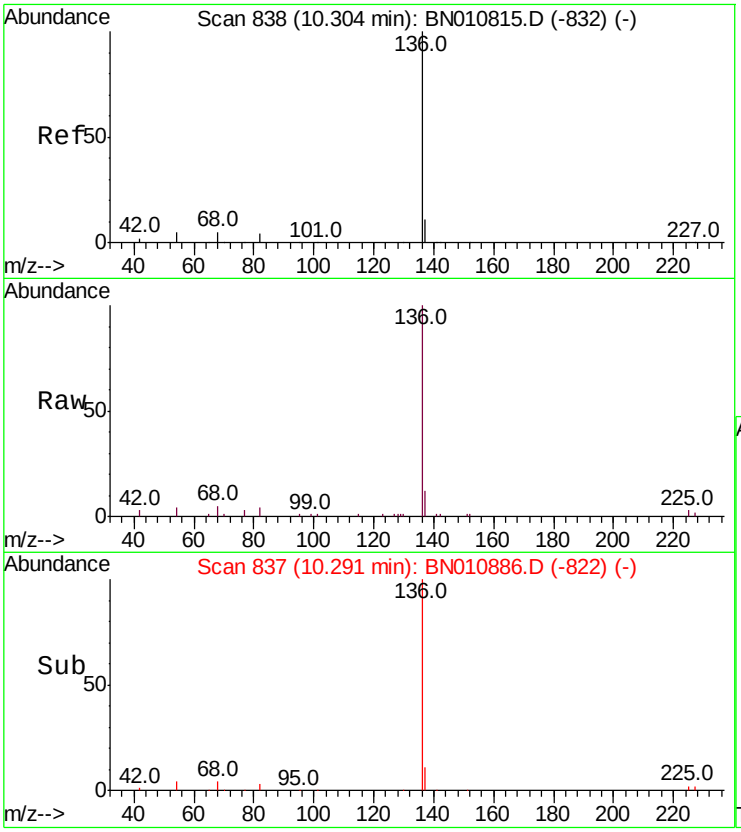


#6
bis(2-Chloroethyl)ether
Concen: 6.193 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion: 93 Resp: 39589

Ion	Ratio	Lower	Upper
93	100		
63	57.7	49.4	74.2
95	32.4	26.7	40.1



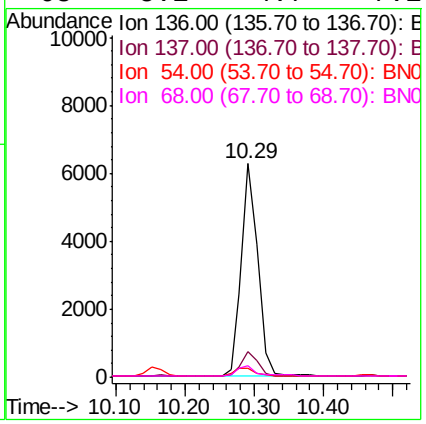


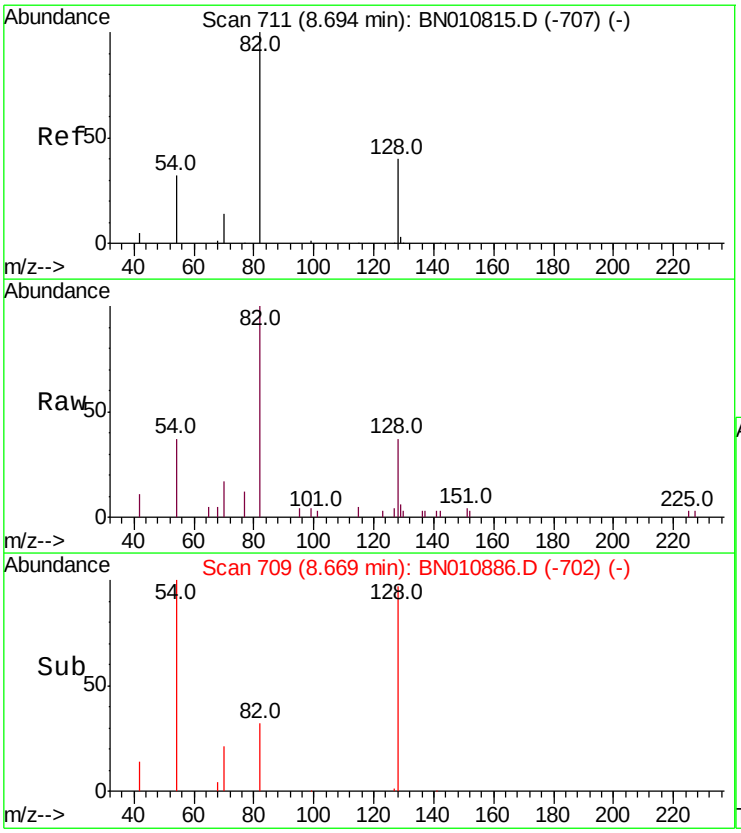
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 10251

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	4.5	4.9	7.3#
68	5.1	4.7	7.1

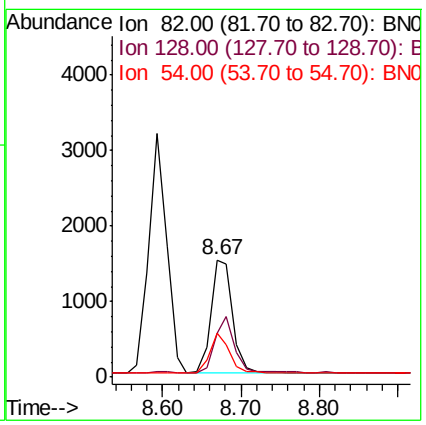


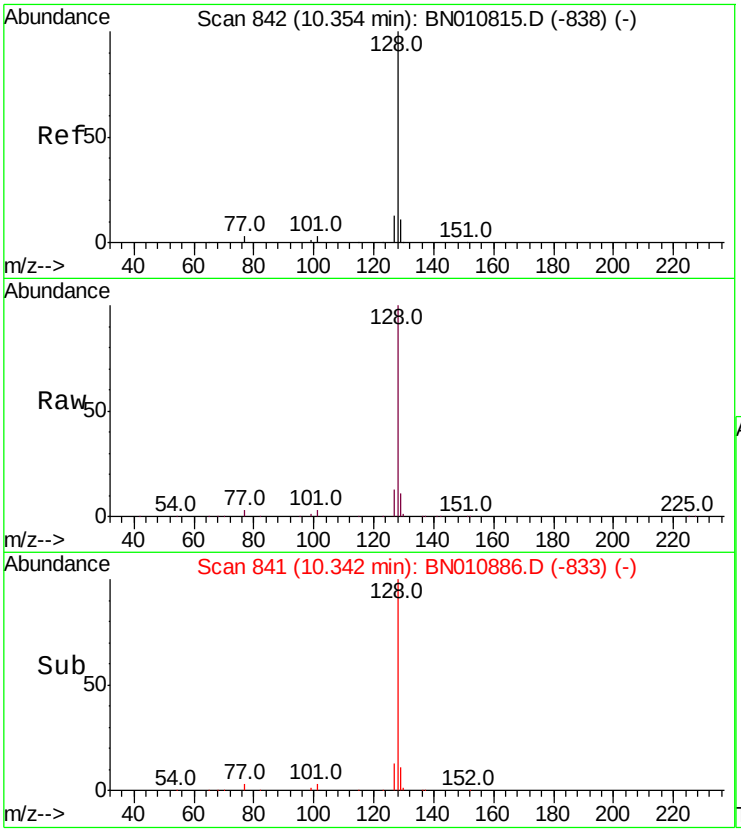


#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.67 min Scan# 709
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion: 82 Resp: 2891

Ion	Ratio	Lower	Upper
82	100		
128	36.9	35.4	53.0
54	37.1	28.2	42.4



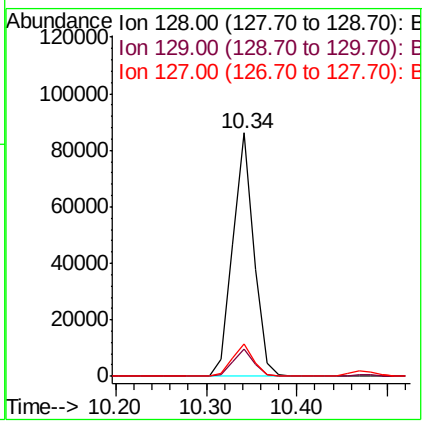


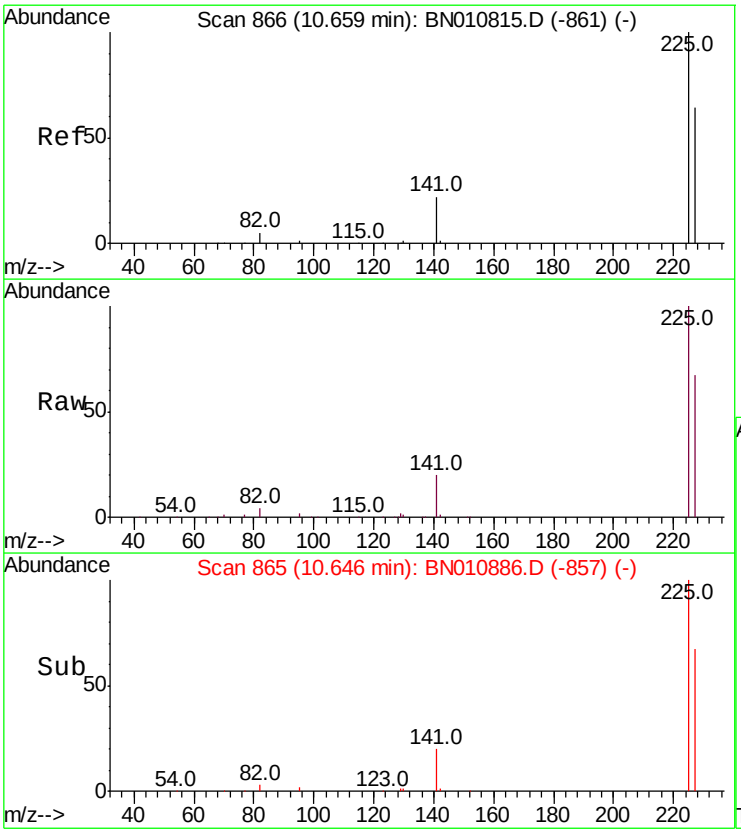
#9
Naphthalene
Concen: 5.403 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 139182

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.1	11.4	17.2

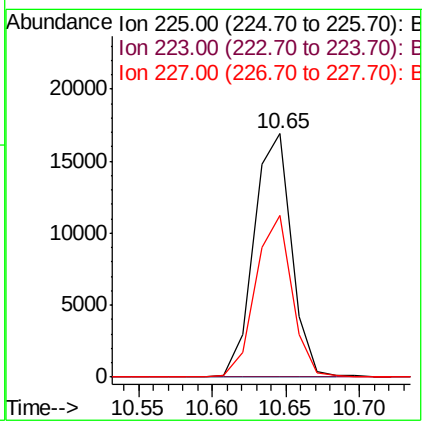


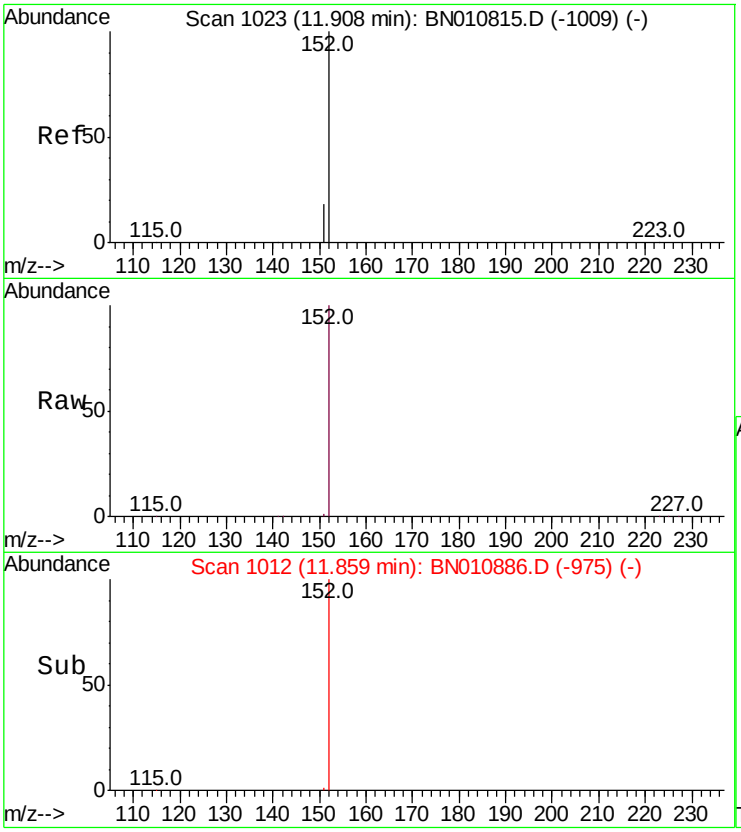


#10
Hexachlorobutadiene
Concen: 4.671 ng
RT: 10.65 min Scan# 865
Delta R.T. 0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:225 Resp: 29741

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	50.5	75.7



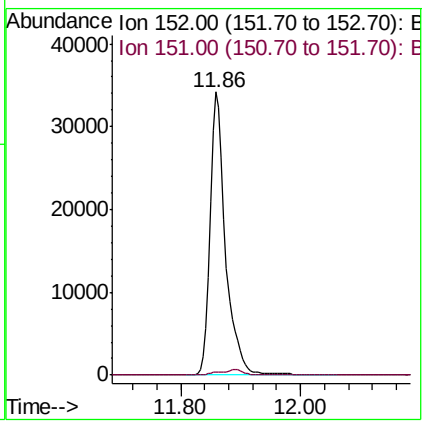


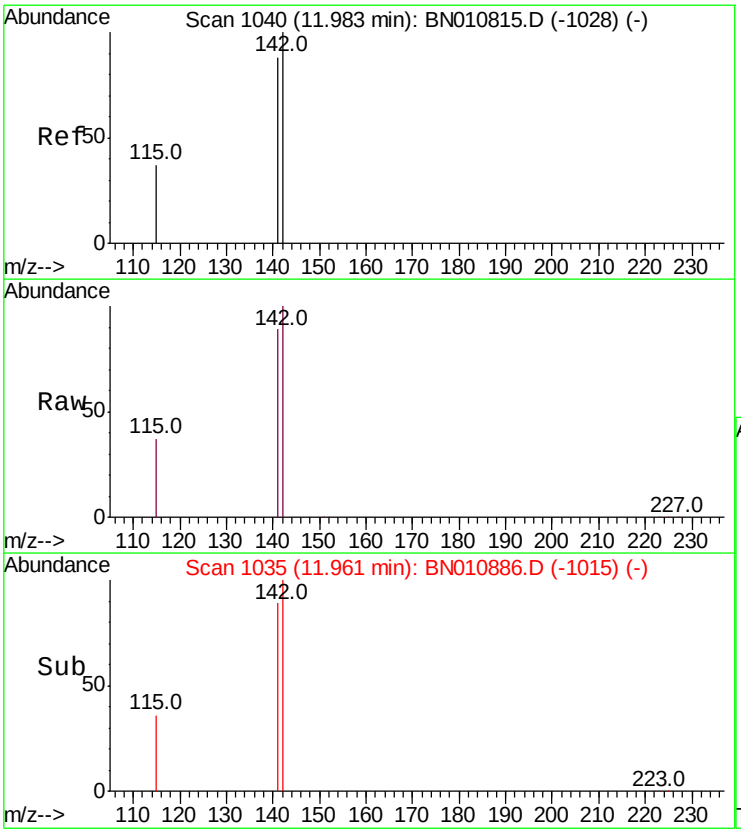
#11
2-Methylnaphthalene-d10
Concen: 3.875 ng
RT: 11.86 min Scan# 1012
Delta R.T. -0.04 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 61608

Ion	Ratio	Lower	Upper
152	100		
151	0.9	15.3	22.9#

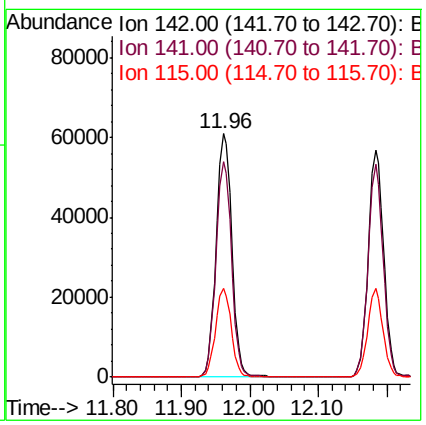


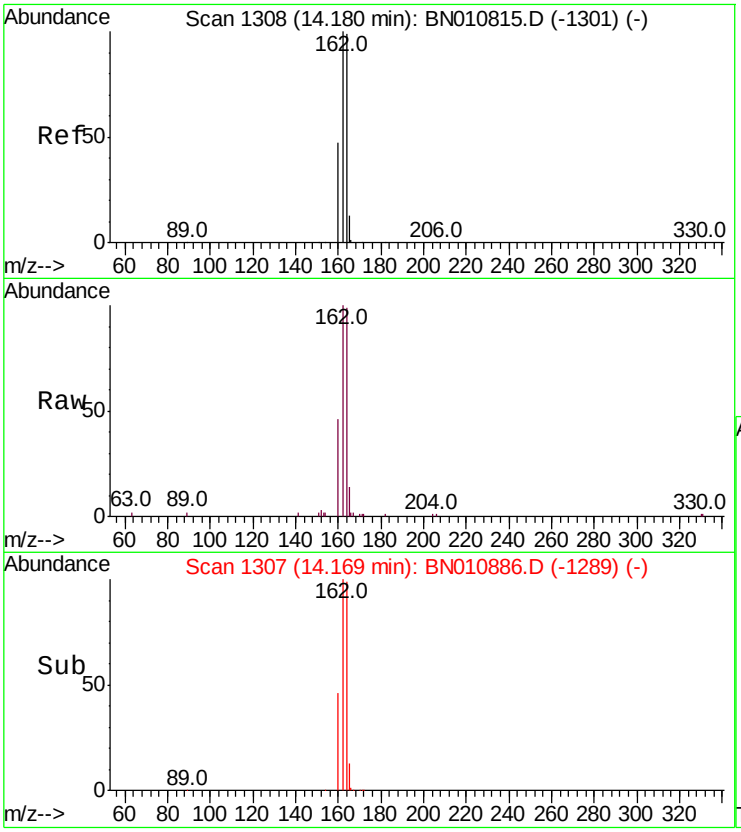


#12
2-Methylnaphthalene
Concen: 5.620 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:142 Resp: 96892

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.8	106.2
115	36.6	31.5	47.3



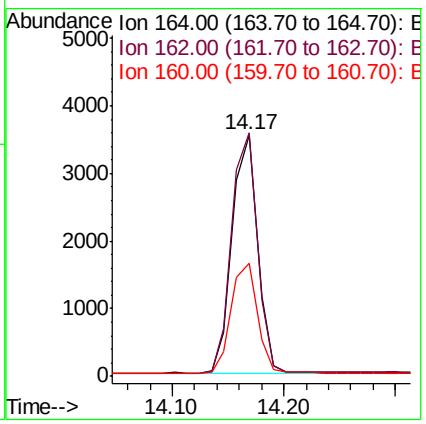


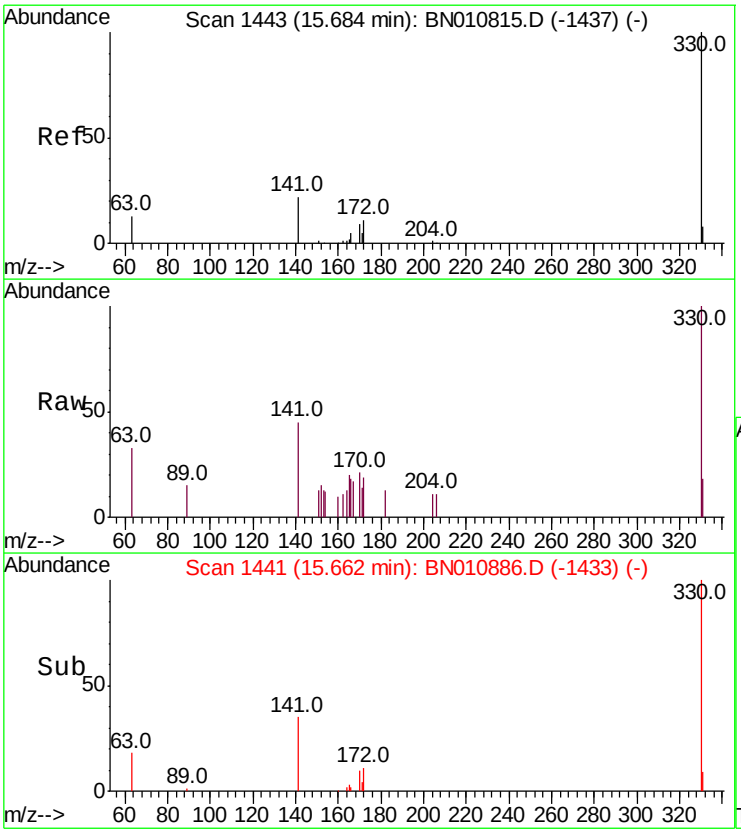
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 5536

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.0	121.6
160	46.7	38.9	58.3

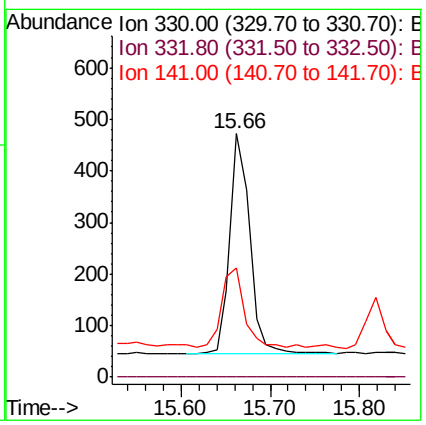


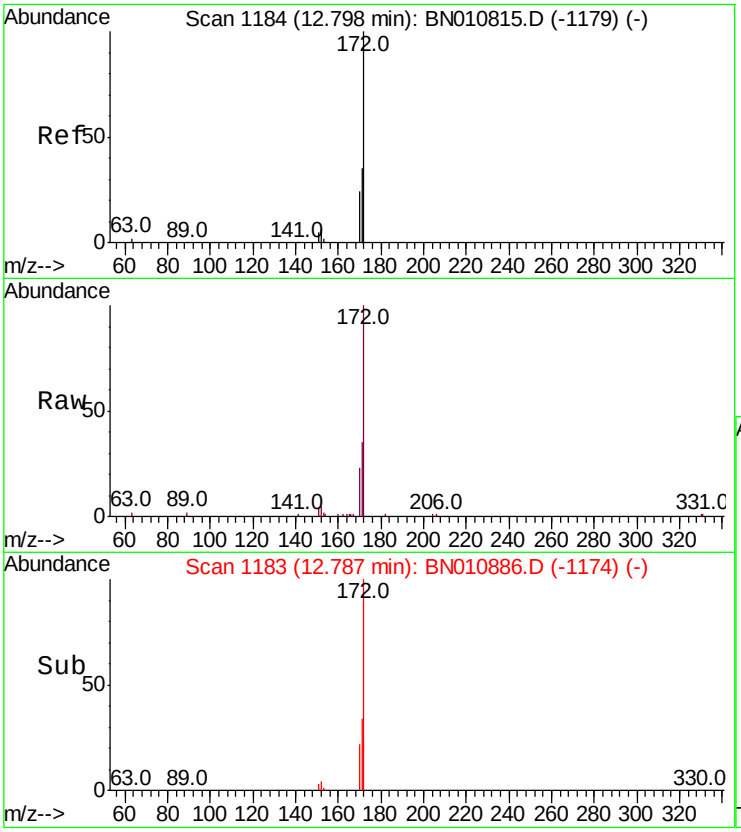


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:330 Resp: 661

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	41.1	33.2	49.8



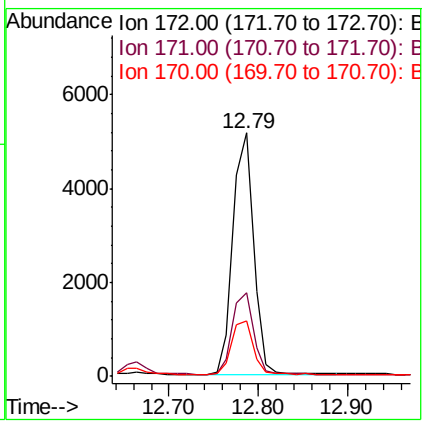


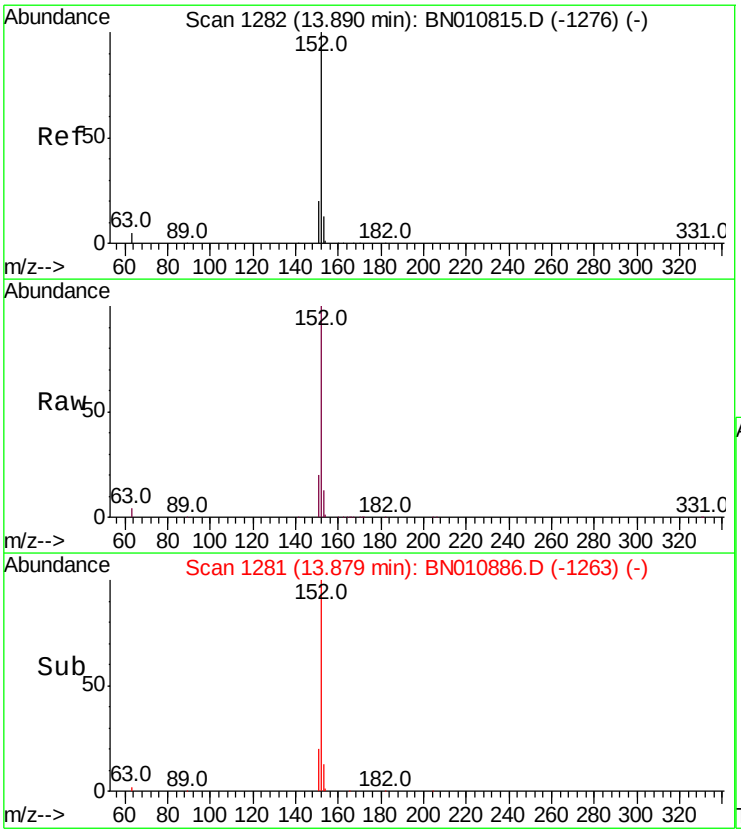
#15
2-Fluorobiphenyl
Concen: 0.379 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 8273

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.7	19.7	29.5

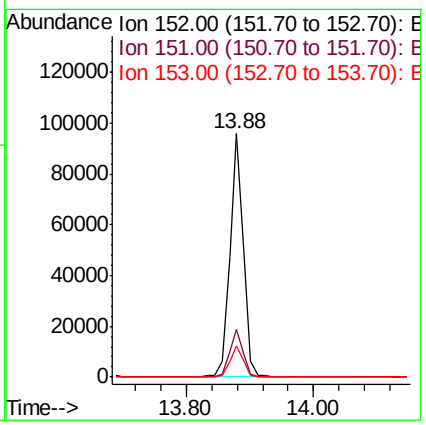


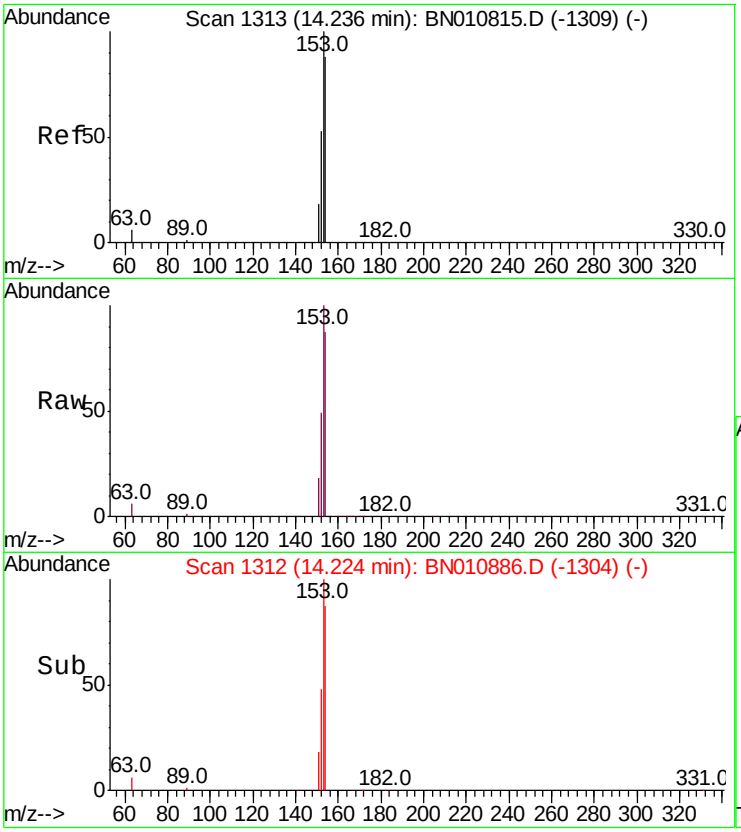


#16
Acenaphthylene
Concen: 6.148 ng
RT: 13.88 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:152 Resp: 139427

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	12.9	10.6	16.0



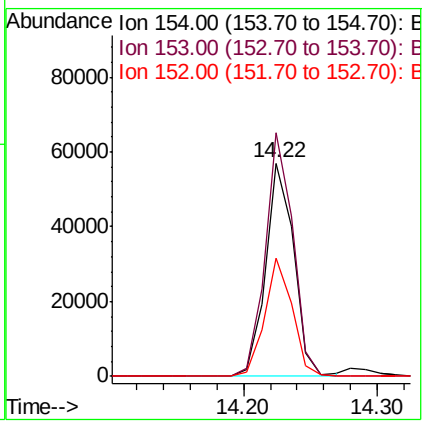


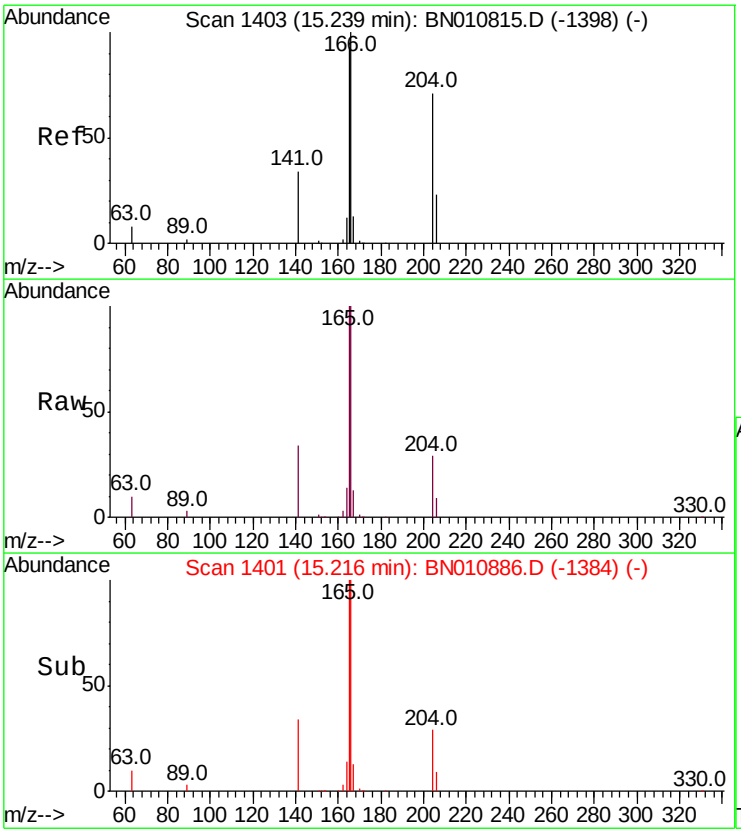
#17
Acenaphthene
Concen: 5.412 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 83696

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.8	137.6
152	54.8	47.6	71.4

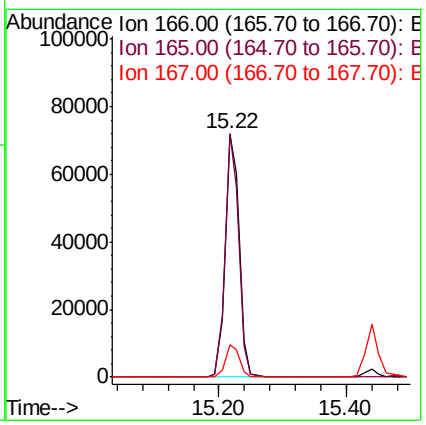


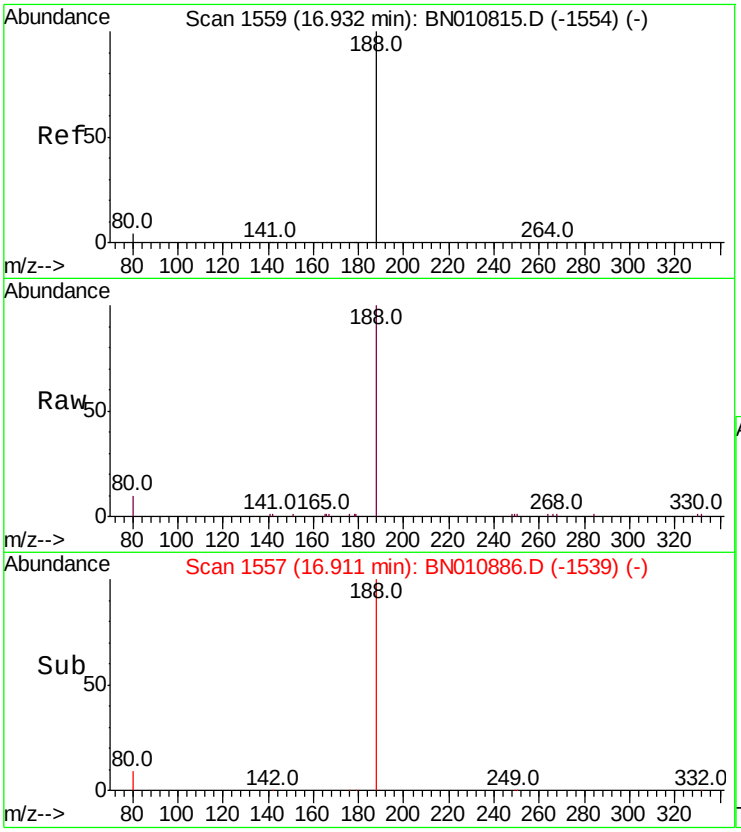


#18
Fluorene
Concen: 5.440 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:166 Resp: 108506

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.2	115.8
167	13.3	10.7	16.1



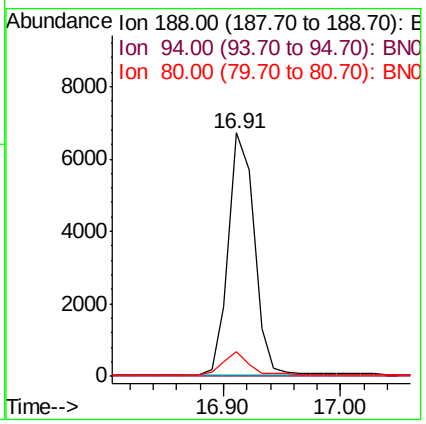


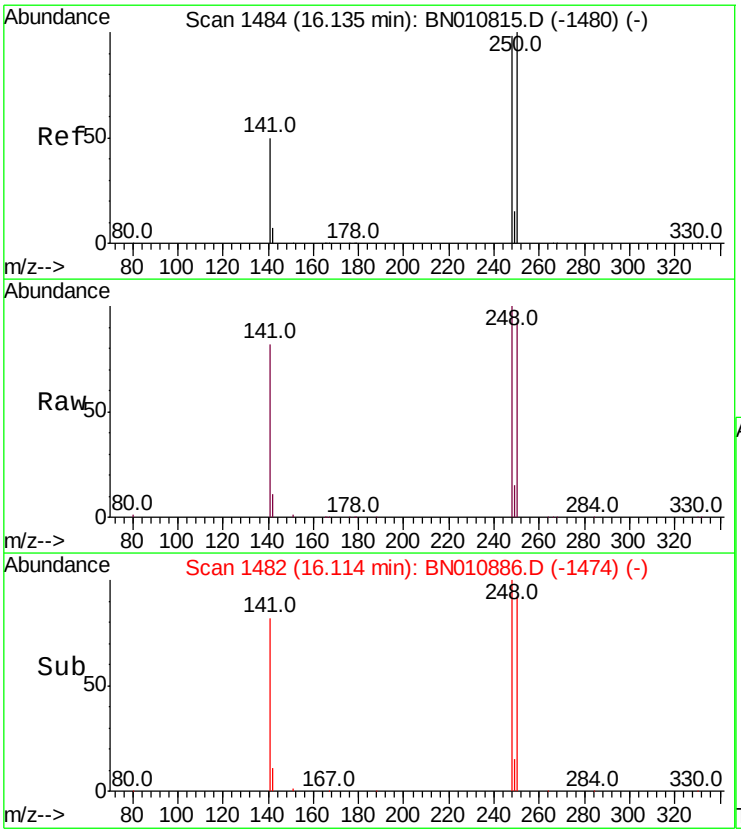
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 10210

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

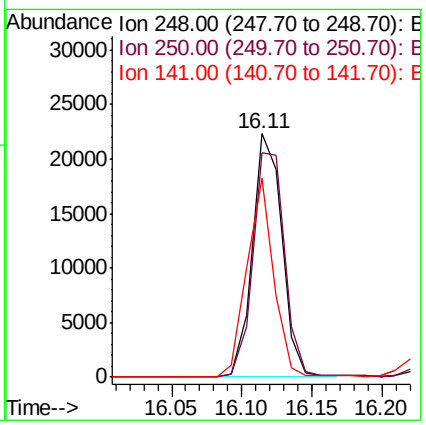


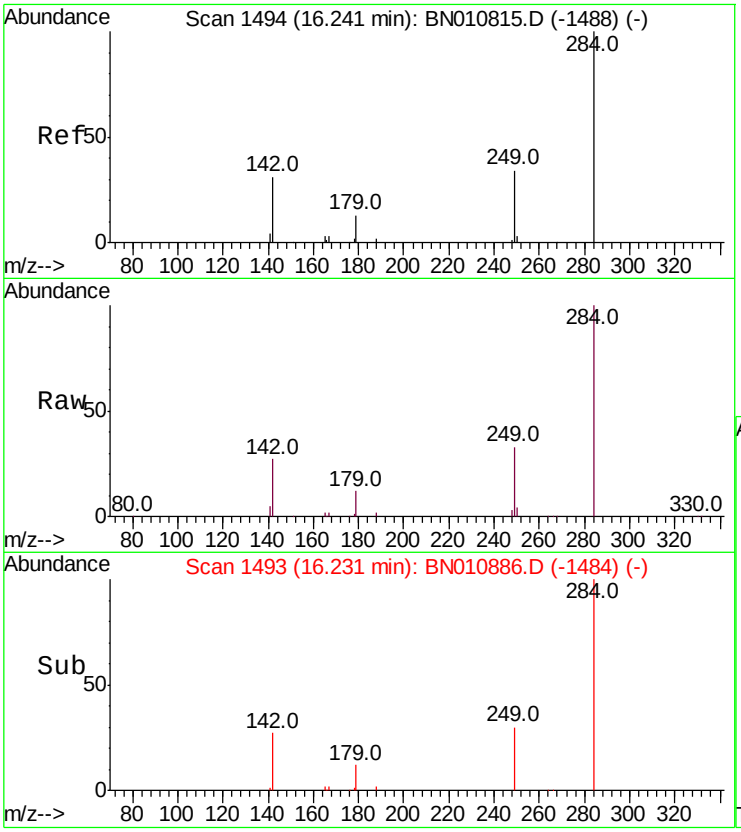


#20
4-Bromophenyl-phenylether
Concen: 5.357 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:248 Resp: 32869

Ion	Ratio	Lower	Upper
248	100		
250	92.3	81.8	122.8
141	81.9	42.6	64.0#



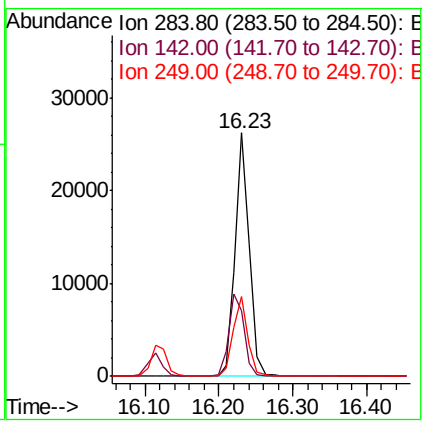


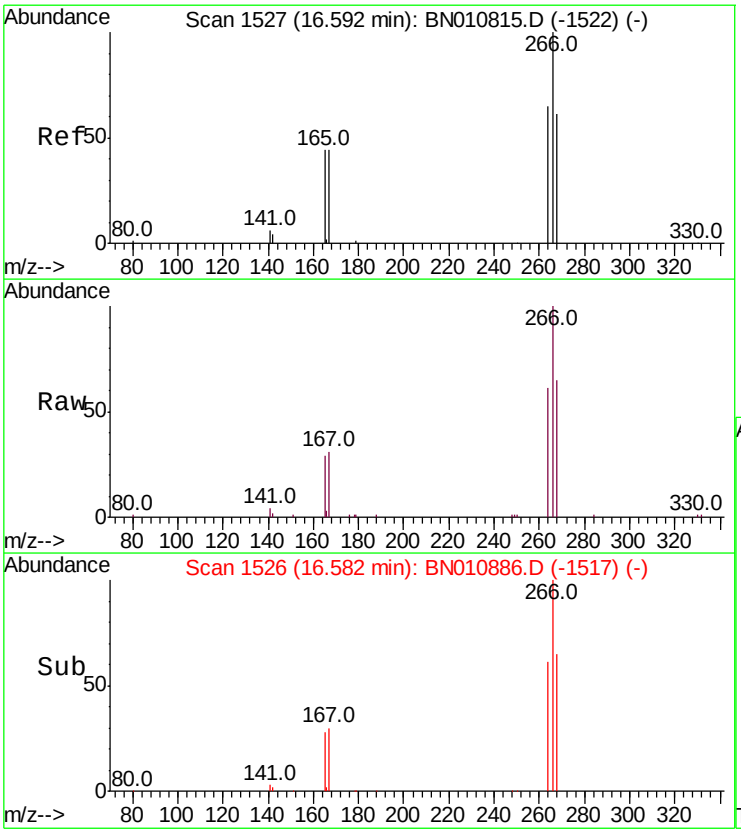
#21
Hexachlorobenzene
Concen: 5.509 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 35259

Ion	Ratio	Lower	Upper
284	100		
142	36.6	31.0	46.4
249	33.4	27.1	40.7

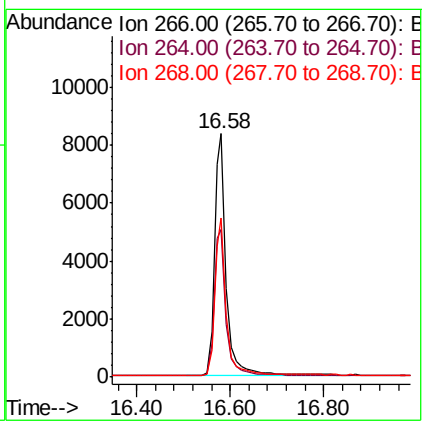


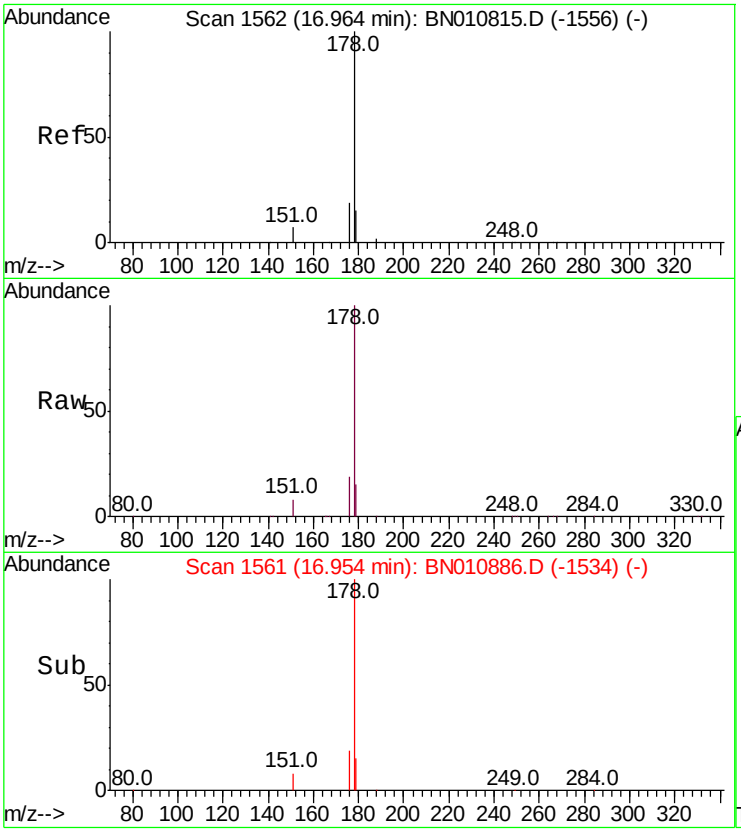


#22
Pentachlorophenol
Concen: 6.947 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:266 Resp: 14926

Ion	Ratio	Lower	Upper
266	100		
264	60.8	54.8	82.2
268	65.1	55.9	83.9



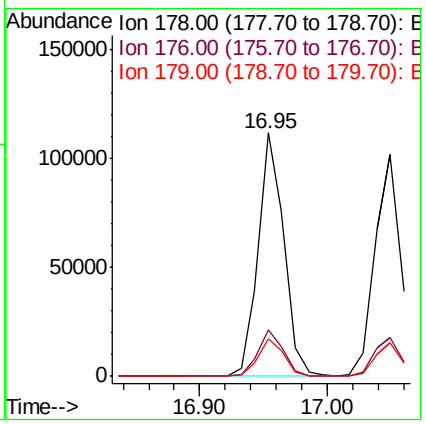


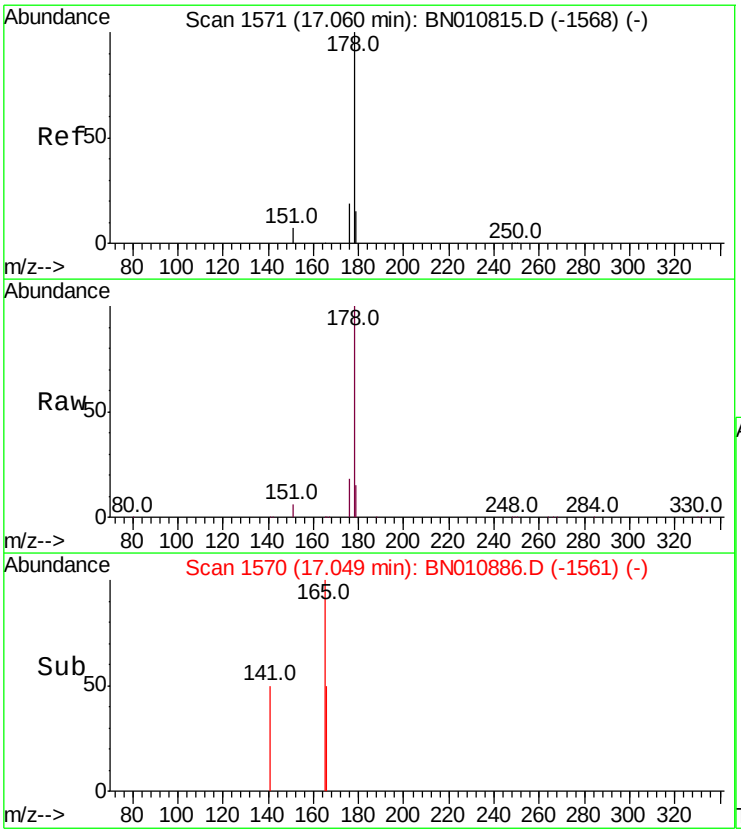
#23
Phenanthrene
Concen: 5.629 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 156964

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.3	12.6	19.0

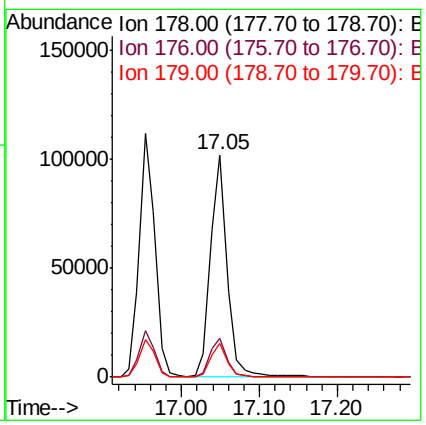


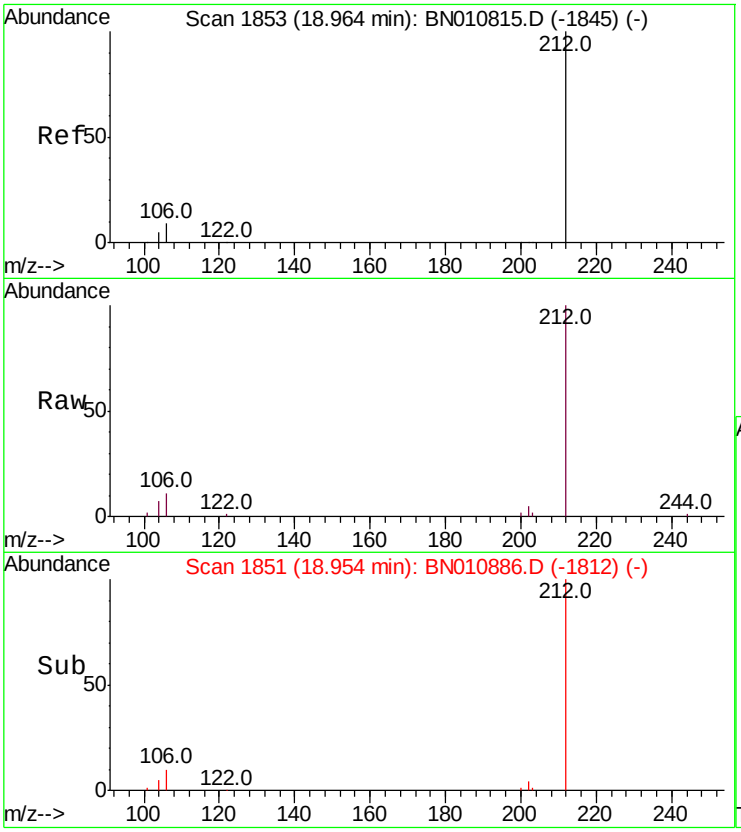


#24
Anthracene
Concen: 6.374 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:178 Resp: 148396

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.3	12.3	18.5



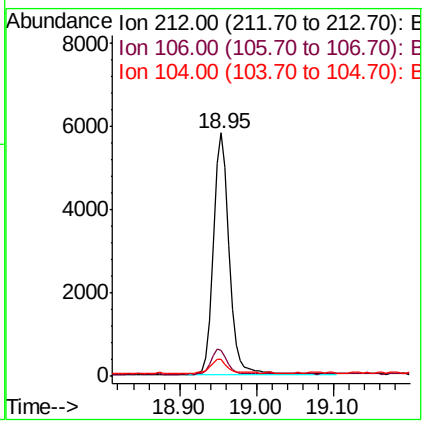


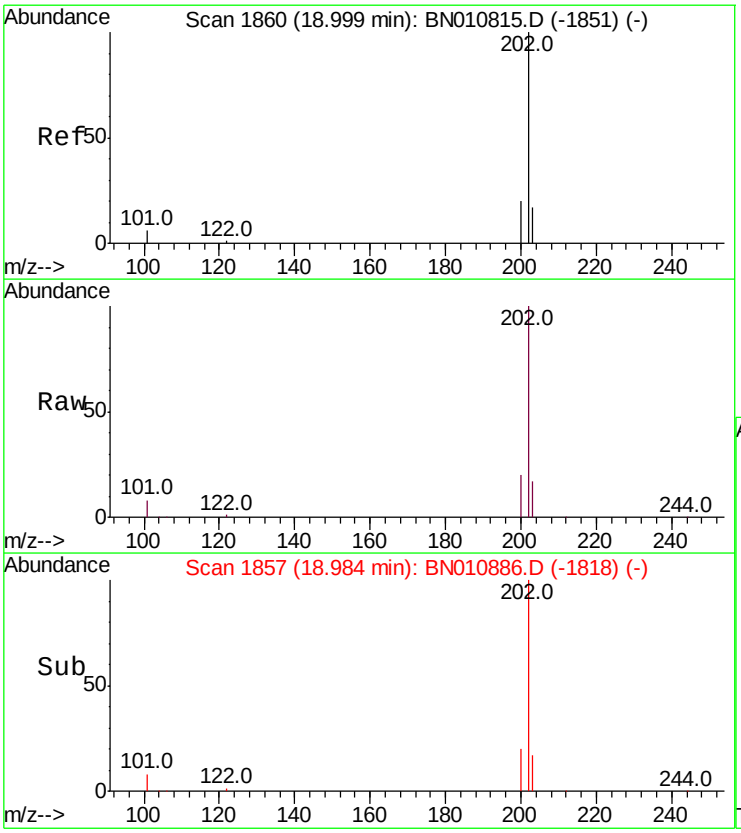
#25
Fluoranthene-d10
Concen: 0.290 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 8167

Ion	Ratio	Lower	Upper
212	100		
106	10.2	6.6	10.0#
104	5.7	4.0	6.0

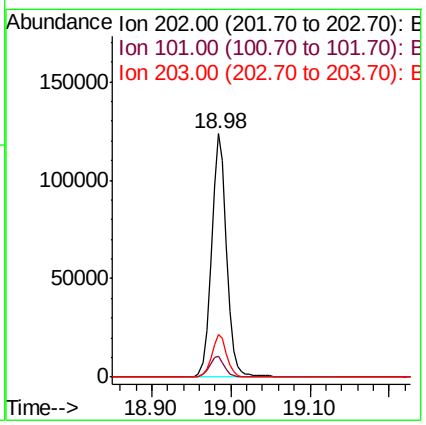


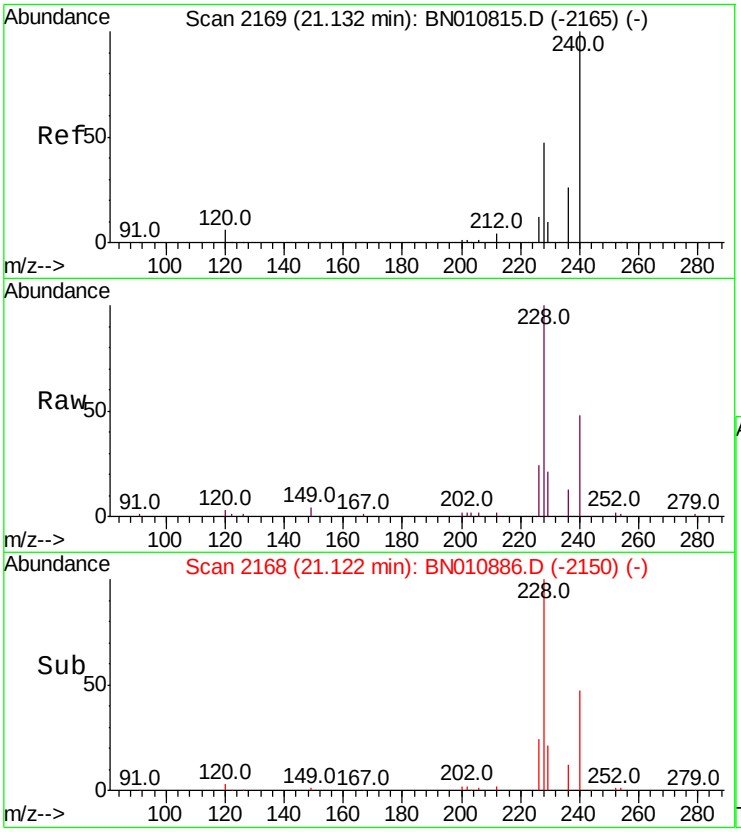


#26
Fluoranthene
Concen: 5.201 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:202 Resp: 164639

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.8	8.6
203	17.2	13.7	20.5



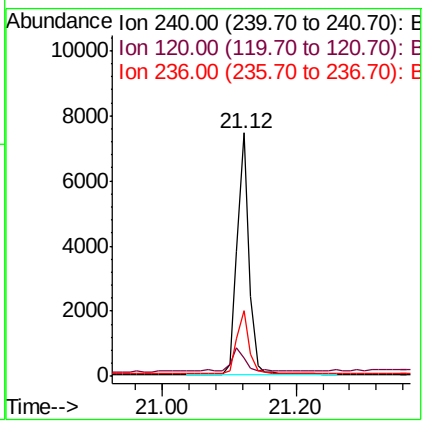


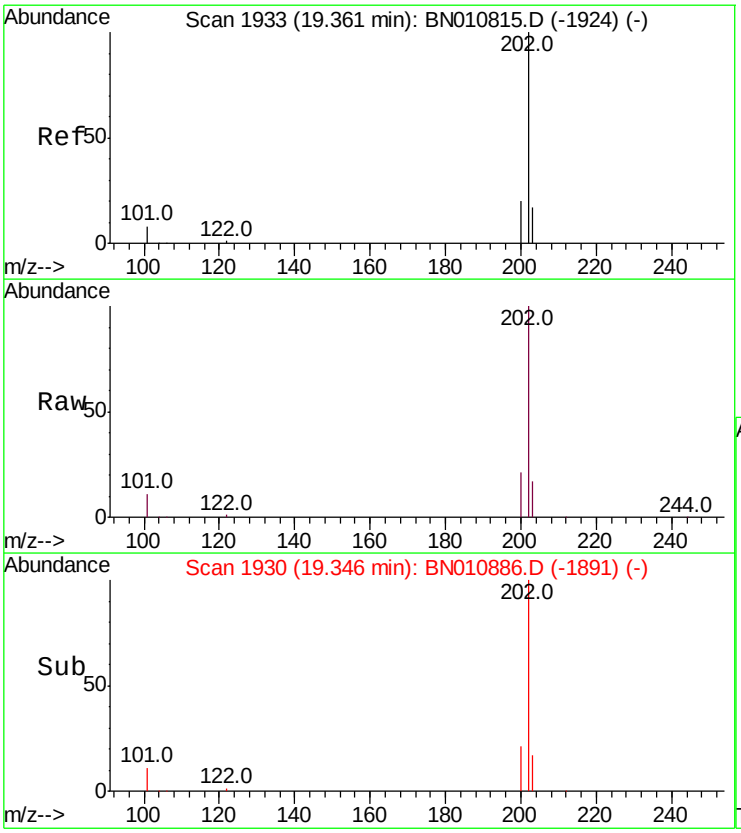
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 9235

Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.5	11.3#
236	27.2	22.3	33.5

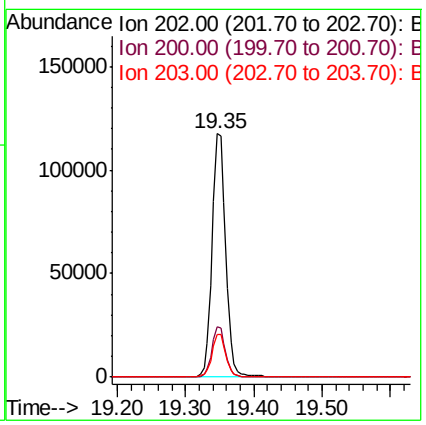


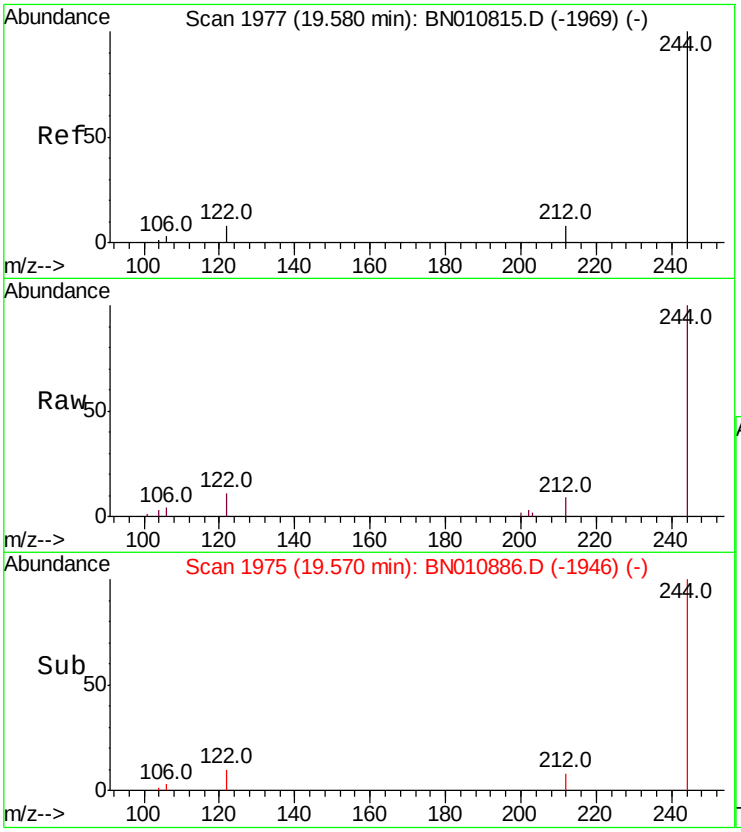


#28
Pyrene
Concen: 5.350 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:202 Resp: 163457

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.9	14.2	21.4



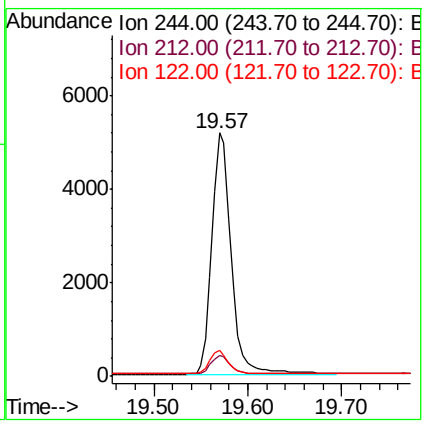


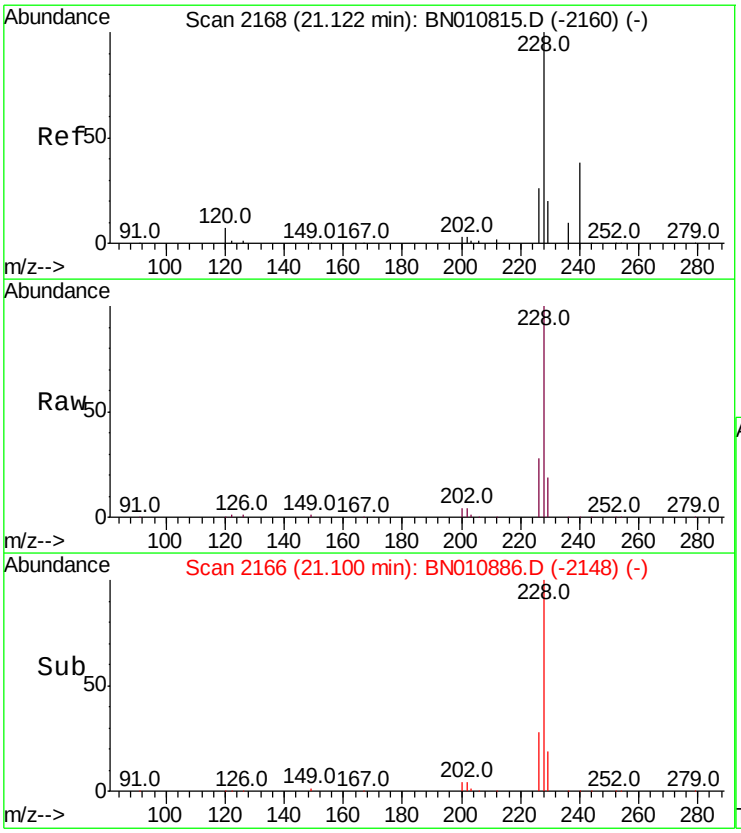
#29
Terphenyl-d14
Concen: 0.341 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 7369

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.4	11.2
122	10.8	7.5	11.3

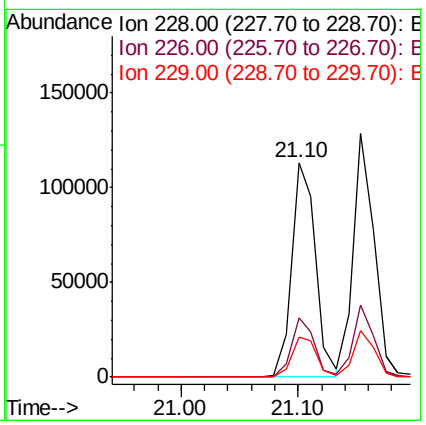


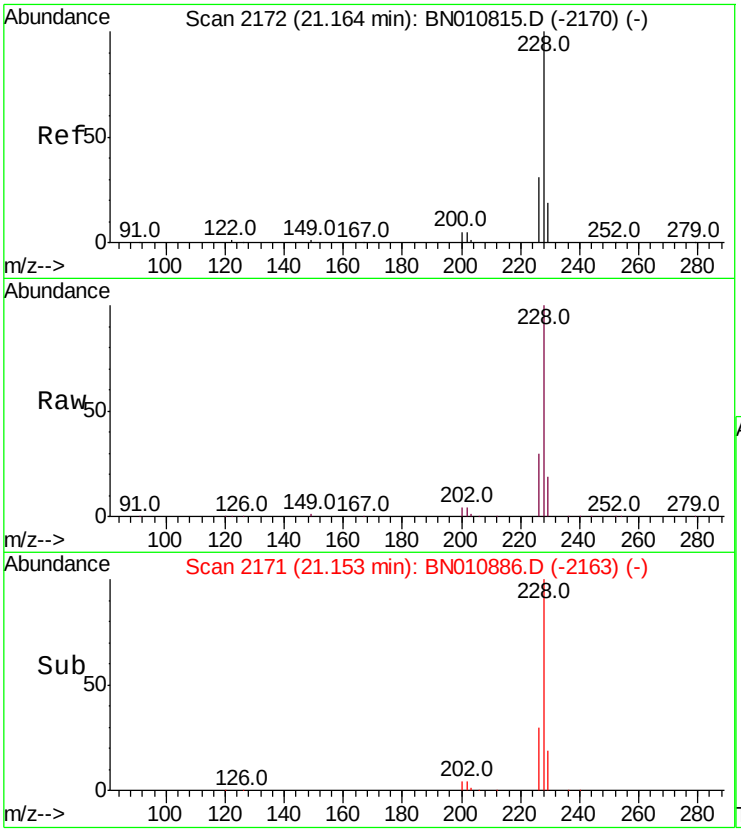


#30
Benzo(a)anthracene
Concen: 5.914 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:228 Resp: 160528

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	18.8	16.6	24.8



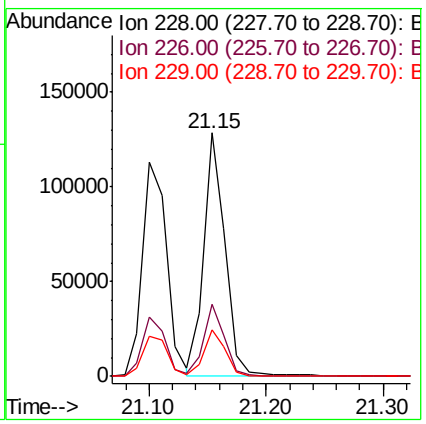


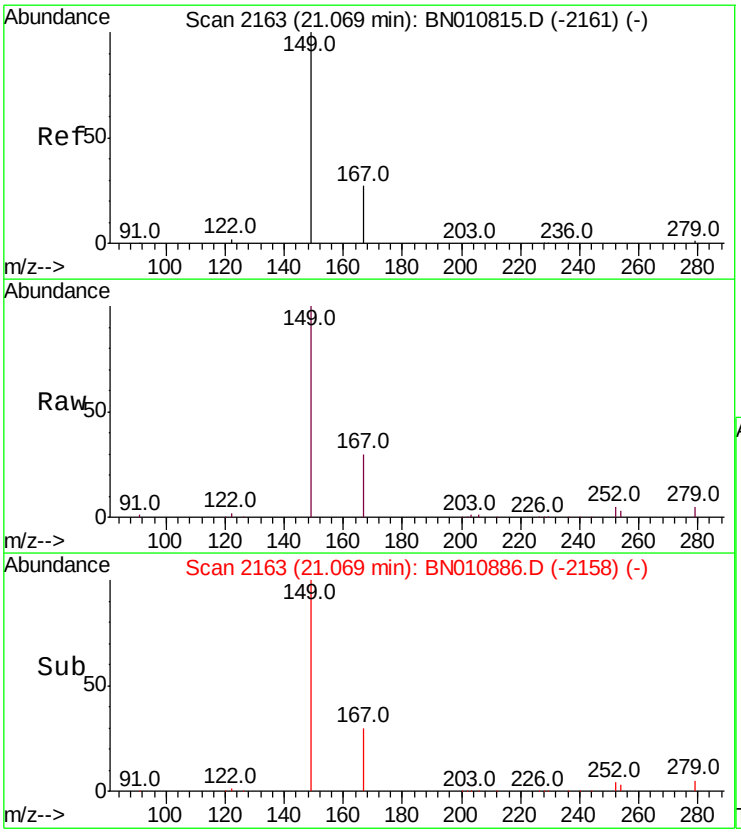
#31
Chrysene
Concen: 5.091 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 161055

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.2	16.1	24.1

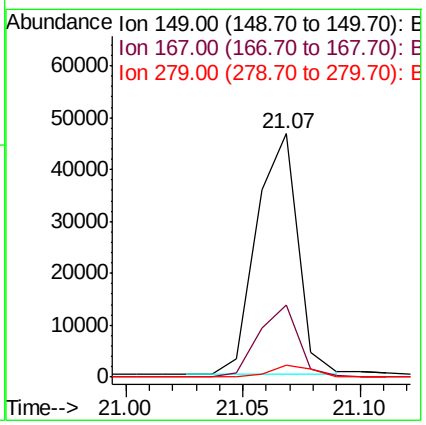


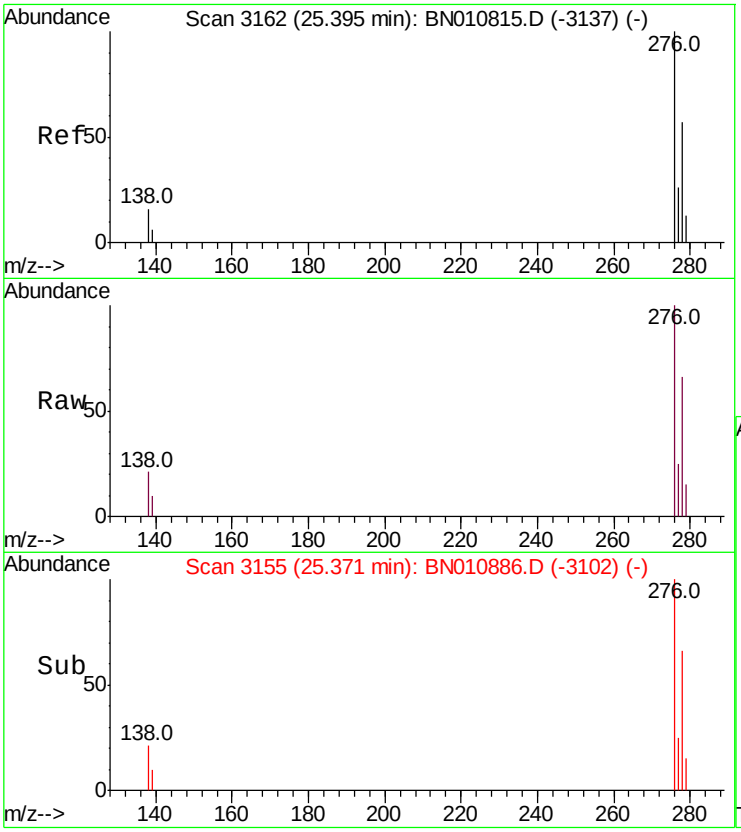


#32
Bis(2-ethylhexyl)phthalate
Concen: 6.335 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:149 Resp: 57336

Ion	Ratio	Lower	Upper
149	100		
167	28.5	24.1	36.1
279	4.5	4.6	7.0#



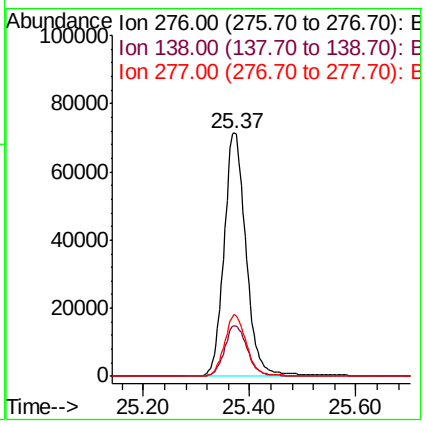


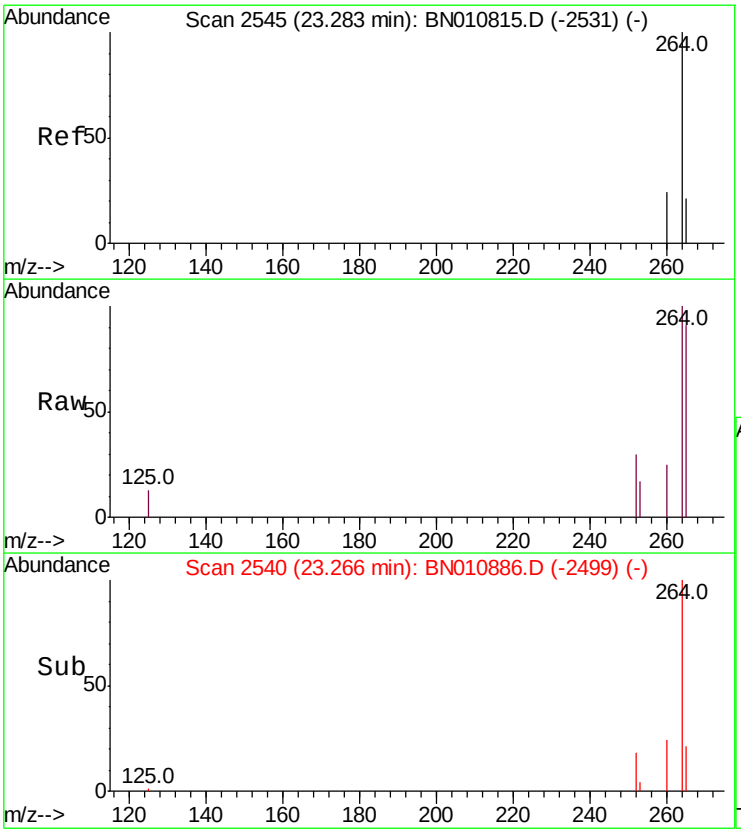
#33
Indeno(1,2,3-cd)pyrene
Concen: 5.821 ng
RT: 25.37 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 205776

Ion	Ratio	Lower	Upper
276	100		
138	21.4	13.0	19.6#
277	25.2	19.7	29.5

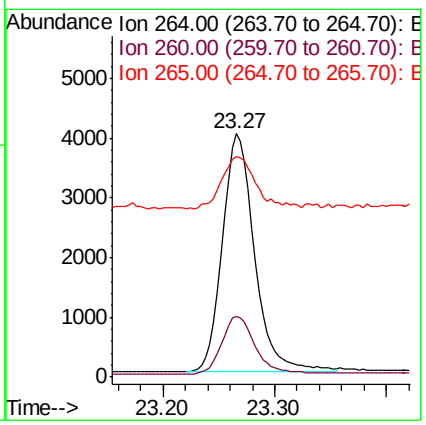


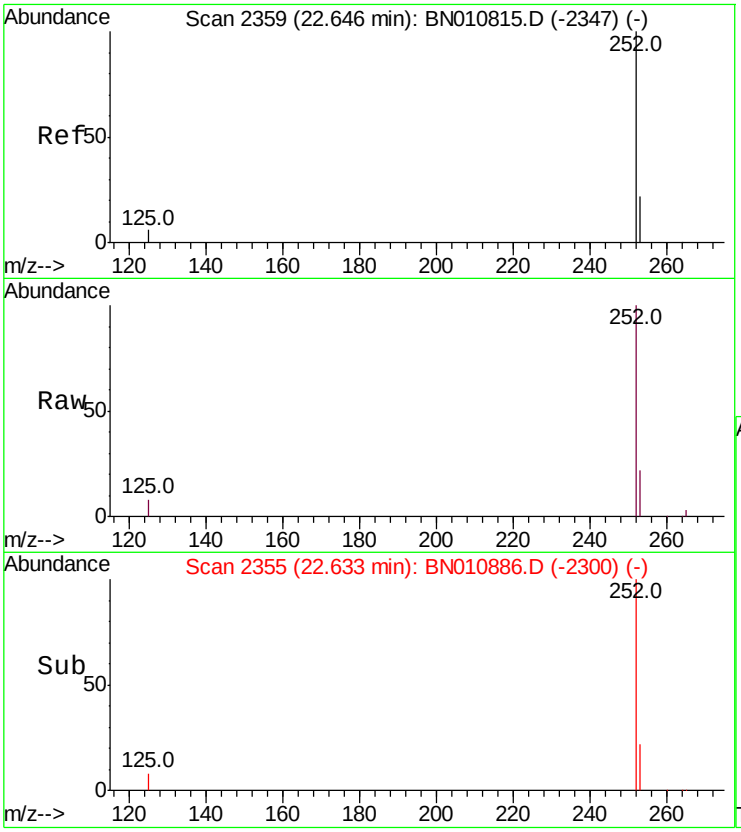


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2540
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:264 Resp: 7958

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.4	30.6
265	90.8	75.0	112.4



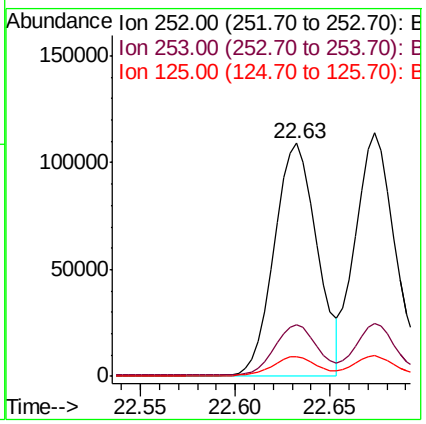


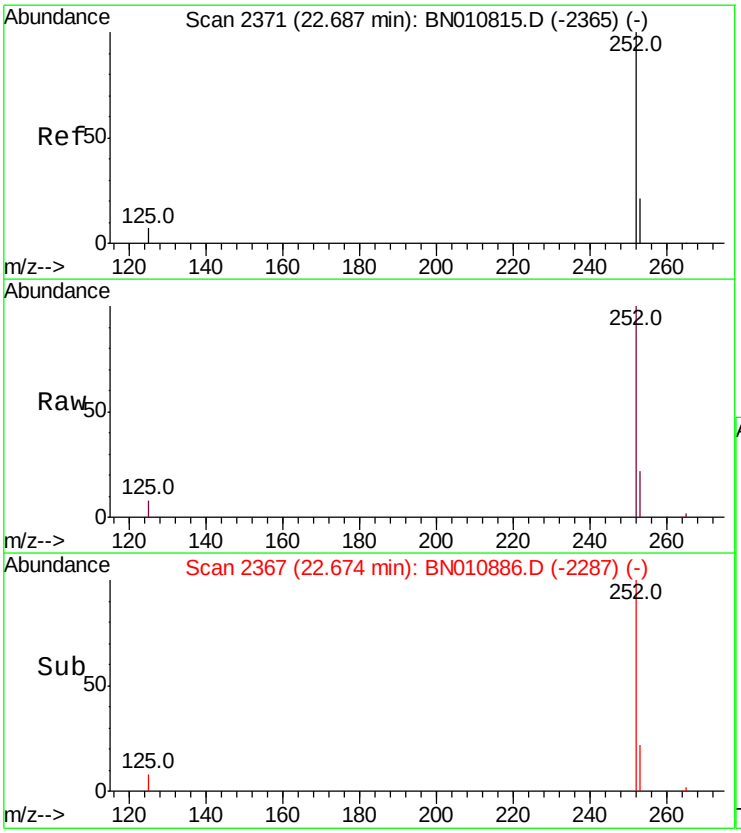
#35
Benzo(b)fluoranthene
Concen: 6.262 ng
RT: 22.63 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 169452

Ion	Ratio	Lower	Upper
252	100		
253	22.0	22.4	33.6#
125	8.4	9.4	14.0#

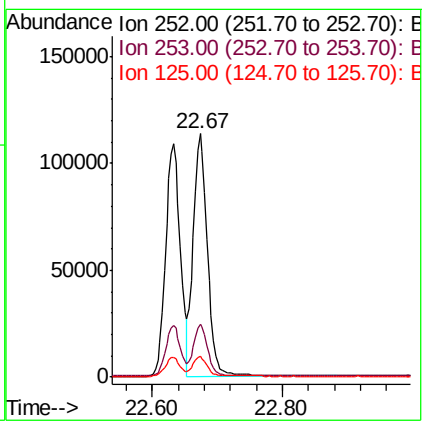


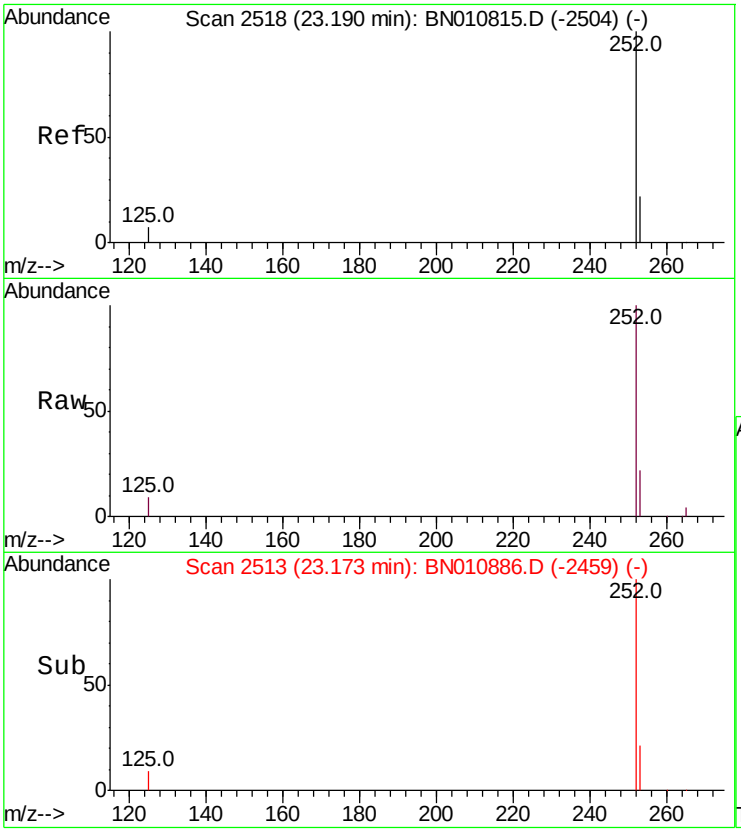


#36
Benzo(k)fluoranthene
Concen: 5.952 ng
RT: 22.67 min Scan# 2367
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:252 Resp: 171591

Ion	Ratio	Lower	Upper
252	100		
253	22.0	22.2	33.4#
125	8.4	9.8	14.8#



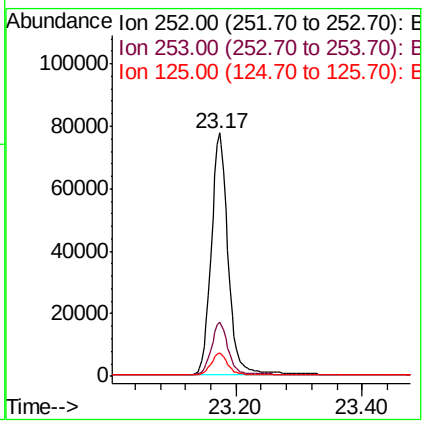


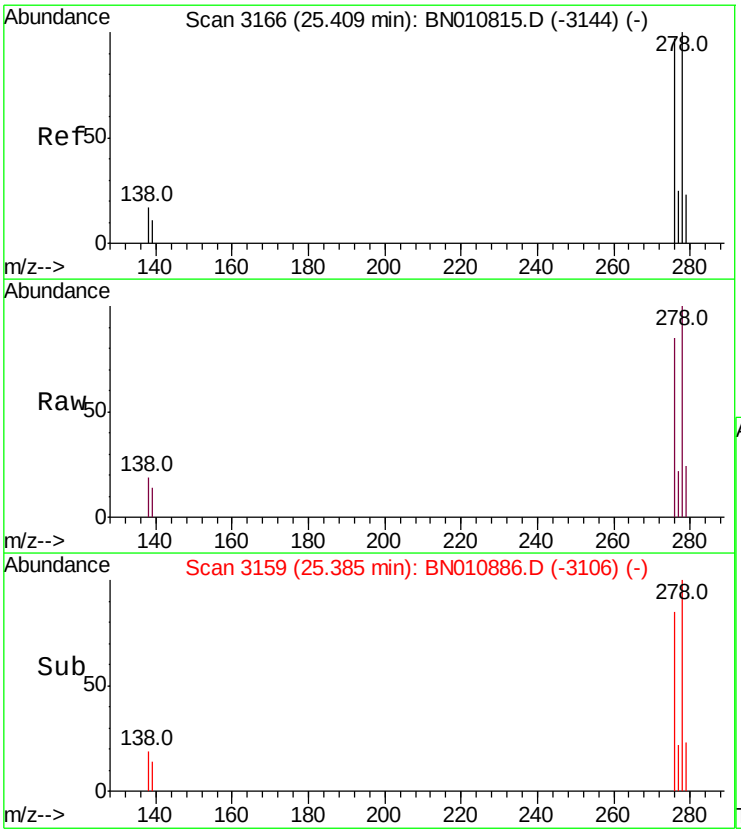
#37
Benzo(a)pyrene
Concen: 6.219 ng
RT: 23.17 min Scan# 2513
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 144340

Ion	Ratio	Lower	Upper
252	100		
253	22.1	25.8	38.8#
125	9.4	12.4	18.6#

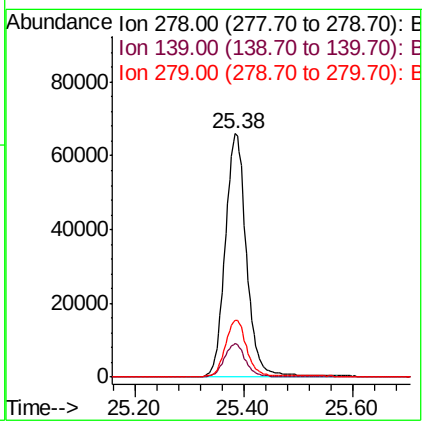


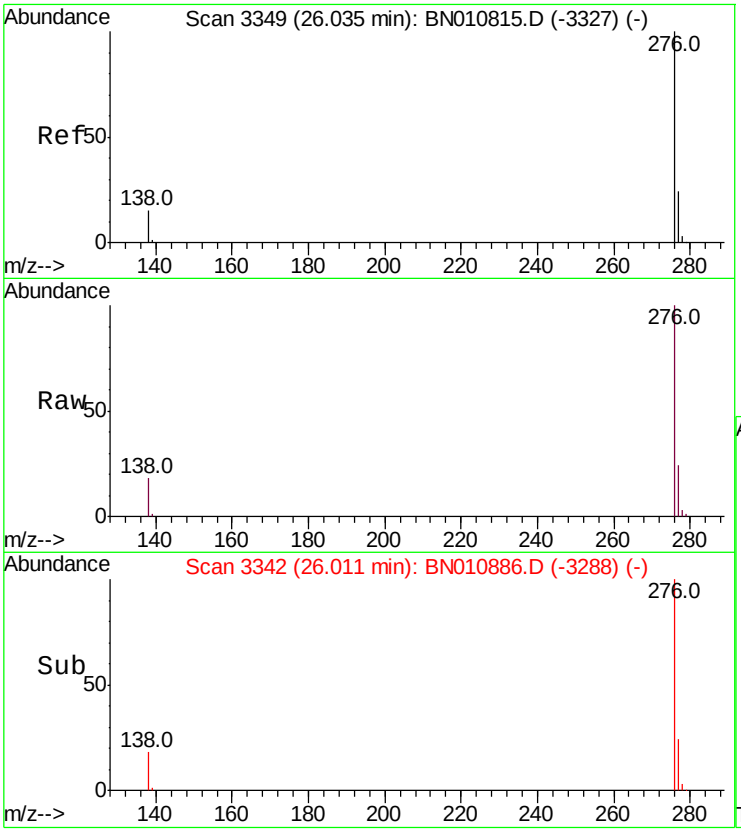


#38
Dibenzo(a,h)anthracene
Concen: 6.718 ng
RT: 25.38 min Scan# 3159
Delta R.T. -0.02 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Tgt Ion:278 Resp: 177810

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.6	15.8
279	23.5	23.6	35.4#





#39
Benzo(g,h,i)perylene
Concen: 6.413 ng
RT: 26.01 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BN010886.D
Acq: 16 Jun 2020 02:01

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 177413

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.5	30.7
138	17.9	13.7	20.5