Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060620\
Data File : BN010792.D
Acq On : 05 Jun 2020 21:42
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN060620

Quant Time: Jun 05 22:51:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN060620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:48:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3185	0.40	ng		0.00
7) Naphthalene-d8	10.32	136	10818	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	5768	0.40	ng		0.00
19) Phenanthrene-d10	16.93	188	11581	0.40	ng		0.00
27) Chrysene-d12	21.14	240	10617	0.40	ng		0.00
34) Perylene-d12	23.29	264	11210	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	2524	0.40	ng		0.00
5) Phenol-d6	6.75	99	2983	0.40	ng		0.00
8) Nitrobenzene-d5	8.69	82	3098	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	11.91	152	6346	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.68	330	707	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.80	172	8999	0.40	ng		-0.01
25) Fluoranthene-d10	18.97	212	12230	0.38	ng		0.00
29) Terphenyl-d14	19.58	244	9599	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1273	0.404	ng		98
3) n-Nitrosodimethylamine	3.56	42	705	0.385	ng	#	54
6) bis(2-Chloroethyl)ether	7.01	93	2813	0.393	ng		97
9) Naphthalene	10.37	128	10757	0.399	ng		100
10) Hexachlorobutadiene	10.66	225	2540	0.386	ng	#	100
12) 2-Methylnaphthalene	11.98	142	6951	0.389	ng		98
16) Acenaphthylene	13.90	152	8903	0.381	ng		100
17) Acenaphthene	14.25	154	6272	0.396	ng		99
18) Fluorene	15.24	166	7933	0.386	ng		99
20) 4-Bromophenyl-phenylether	16.14	248	2661	0.394	ng		99
21) Hexachlorobenzene	16.25	284	2903	0.407	ng		99
22) Pentachlorophenol	16.60	266	855	0.352	ng		96
23) Phenanthrene	16.97	178	12343	0.394	ng		100
24) Anthracene	17.07	178	10033	0.378	ng		100
26) Fluoranthene	19.00	202	13733	0.379	ng		99
28) Pyrene	19.37	202	13693	0.407	ng		100
30) Benzo(a)anthracene	21.12	228	12168	0.390	ng		100
31) Chrysene	21.17	228	13791	0.390	ng		99
32) Bis(2-ethylhexyl)phthalate	21.08	149	3943	0.383	ng		98
33) Indeno(1,2,3-cd)pyrene	25.41	276	17659	0.415	ng		99
35) Benzo(b)fluoranthene	22.66	252	13643	0.374	ng		99
36) Benzo(k)fluoranthene	22.70	252	16232	0.404	ng		99
37) Benzo(a)pyrene	23.20	252	12516	0.384	ng	#	85
38) Dibenzo(a,h)anthracene	25.42	278	14245	0.388	ng		98
39) Benzo(g,h,i)perylene	26.05	276	14196	0.374	ng		99

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

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Acq On : 05 Jun 2020 21:42
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Quant Time: Jun 05 22:51:02 2020
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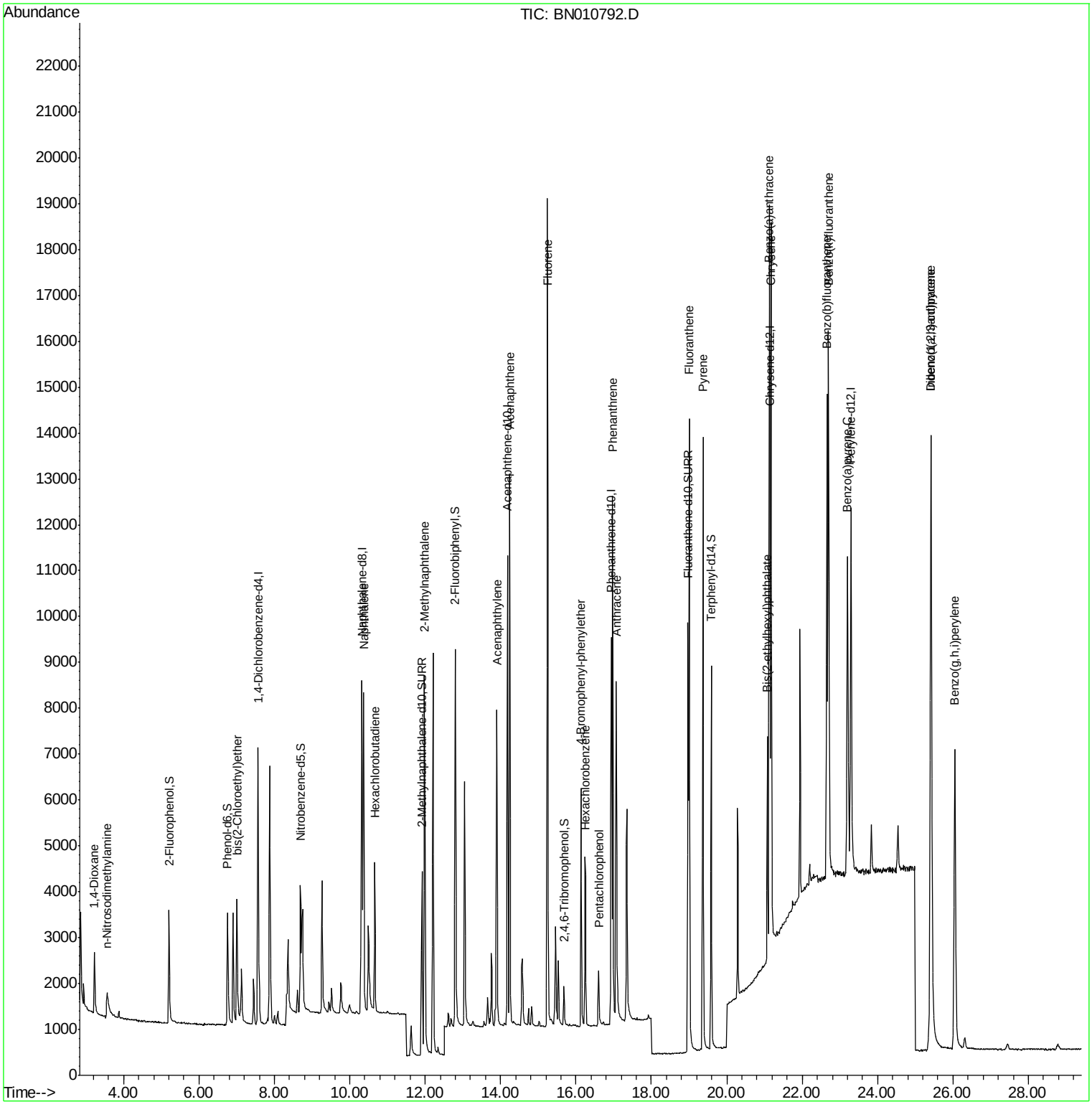
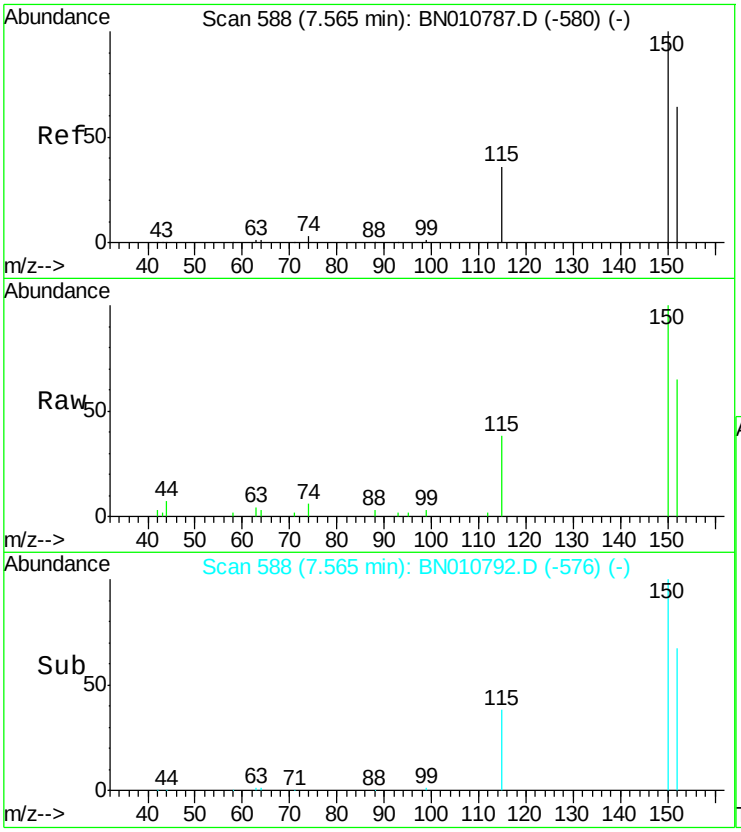
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 22:48:49 2020
Response via : Initial Calibration



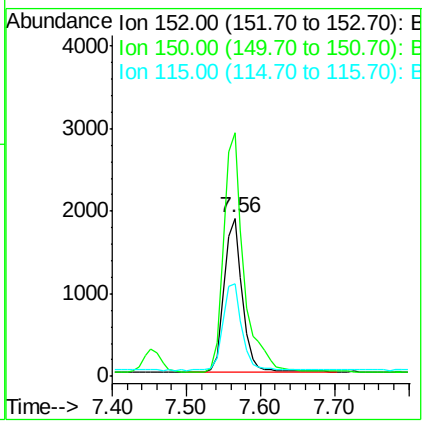


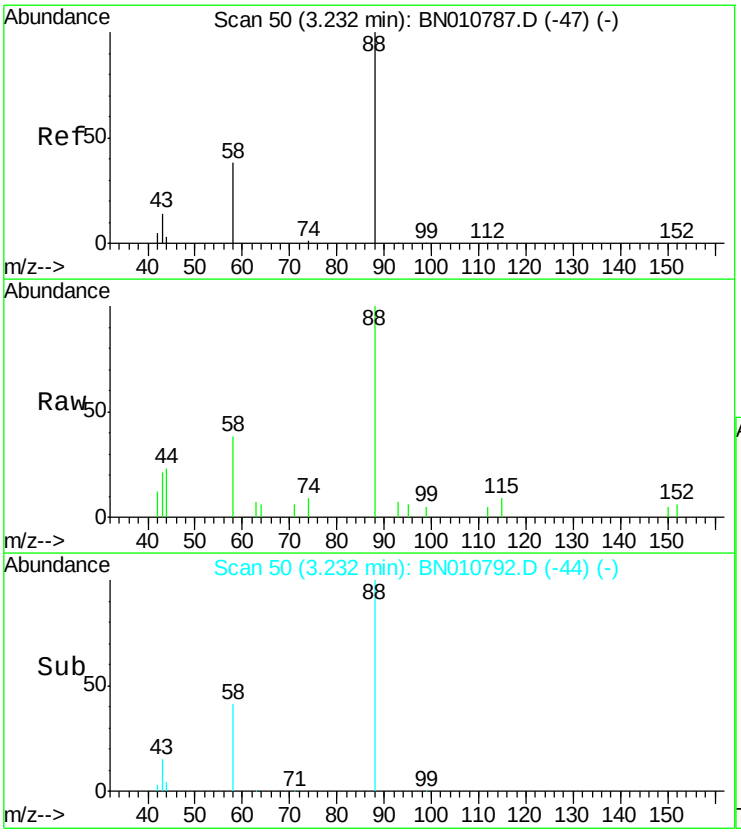
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.56 min Scan# 588
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:152 Resp: 3185

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.6	185.4
115	58.3	47.6	71.4

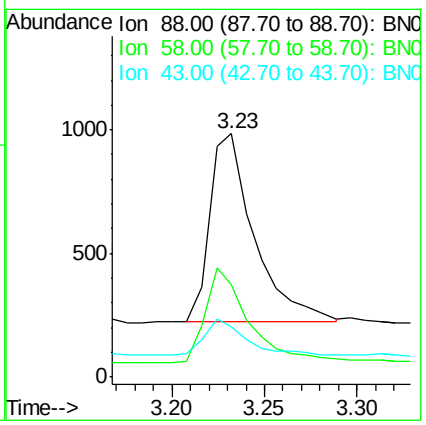


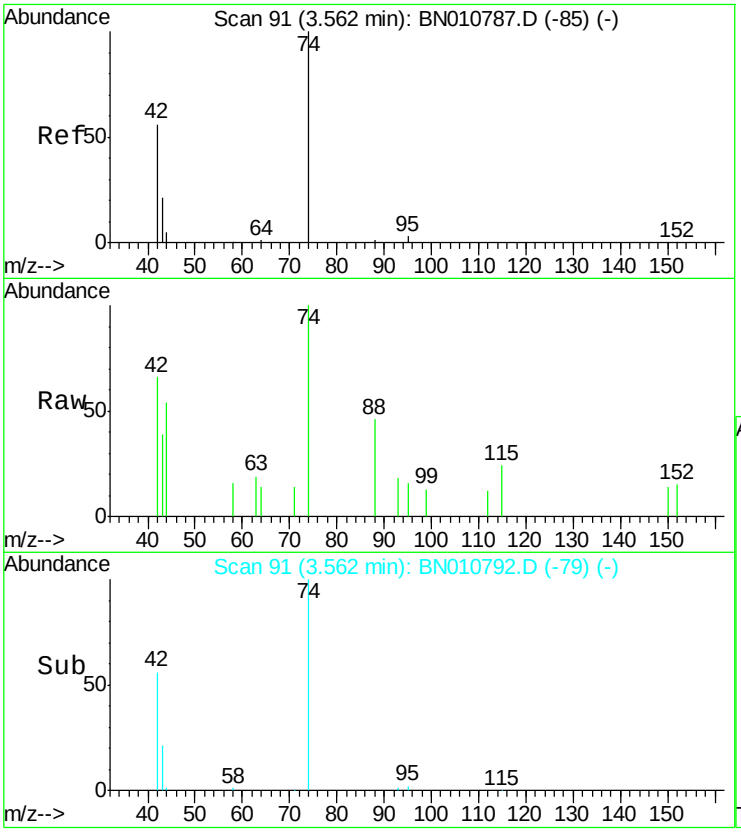


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion: 88 Resp: 1273

Ion	Ratio	Lower	Upper
88	100		
58	48.3	38.8	58.2
43	17.1	15.9	23.9



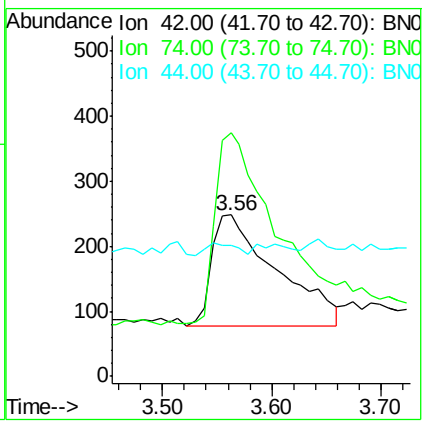


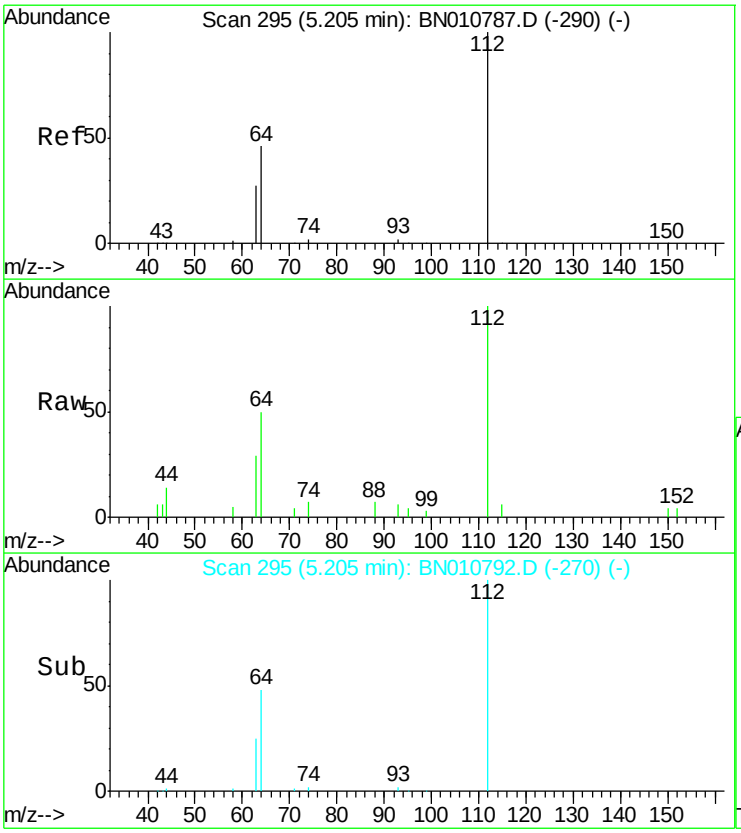
#3
n-Nitrosodimethylamine
Concen: 0.385 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion: 42 Resp: 705

Ion	Ratio	Lower	Upper
42	100		
74	165.2	0.8	1.2#
44	5.0	7.8	11.6#

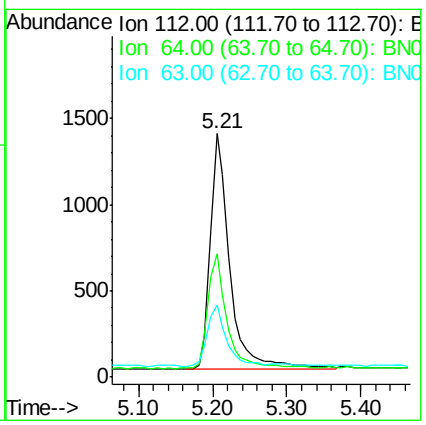


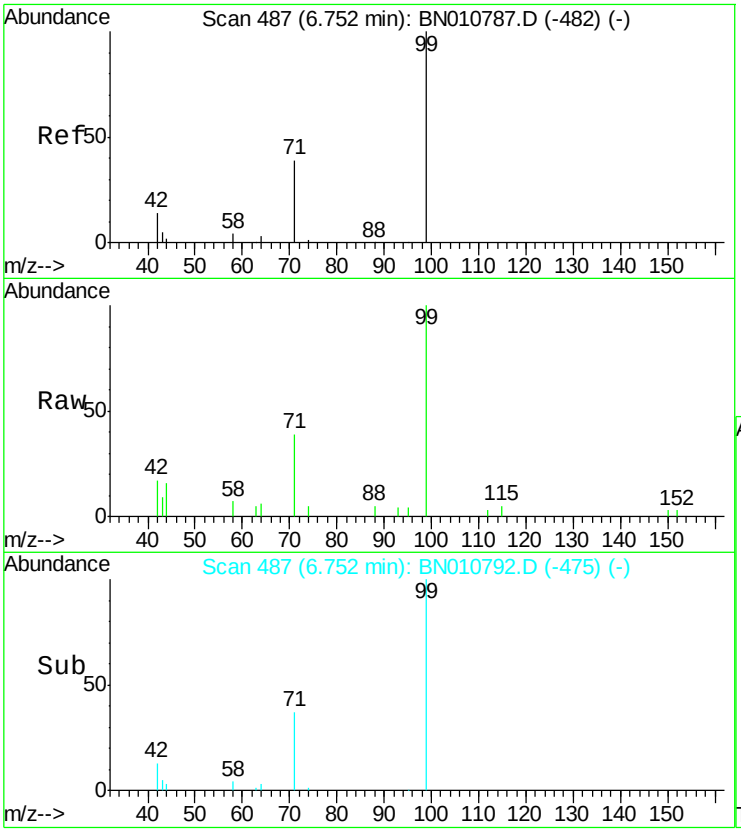


#4
2-Fluorophenol
Concen: 0.397 ng
RT: 5.21 min Scan# 295
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:112 Resp: 2524

Ion	Ratio	Lower	Upper
112	100		
64	47.6	35.8	53.8
63	26.1	20.9	31.3



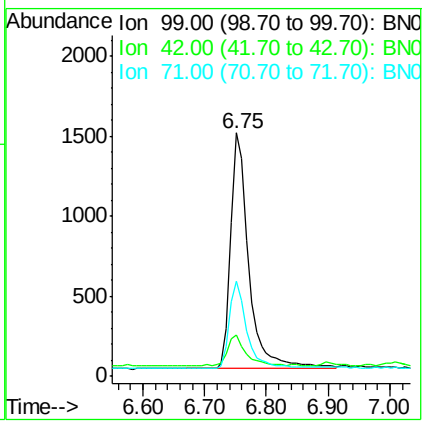


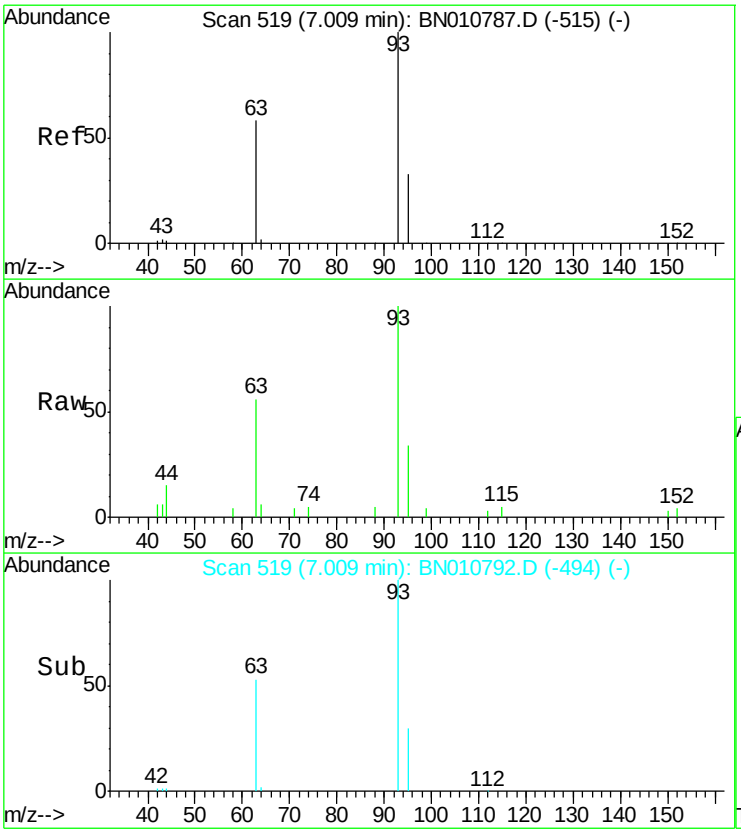
#5
Phenol-d6
Concen: 0.397 ng
RT: 6.75 min Scan# 487
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion: 99 Resp: 2983

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.1	16.7
71	35.8	30.6	46.0

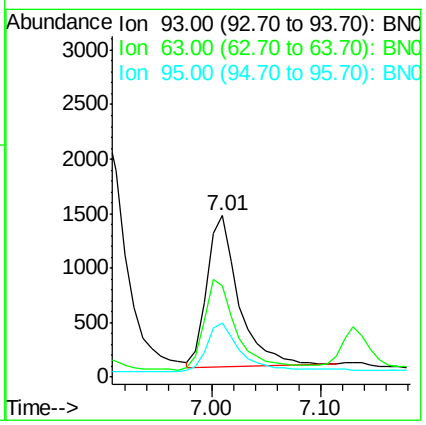


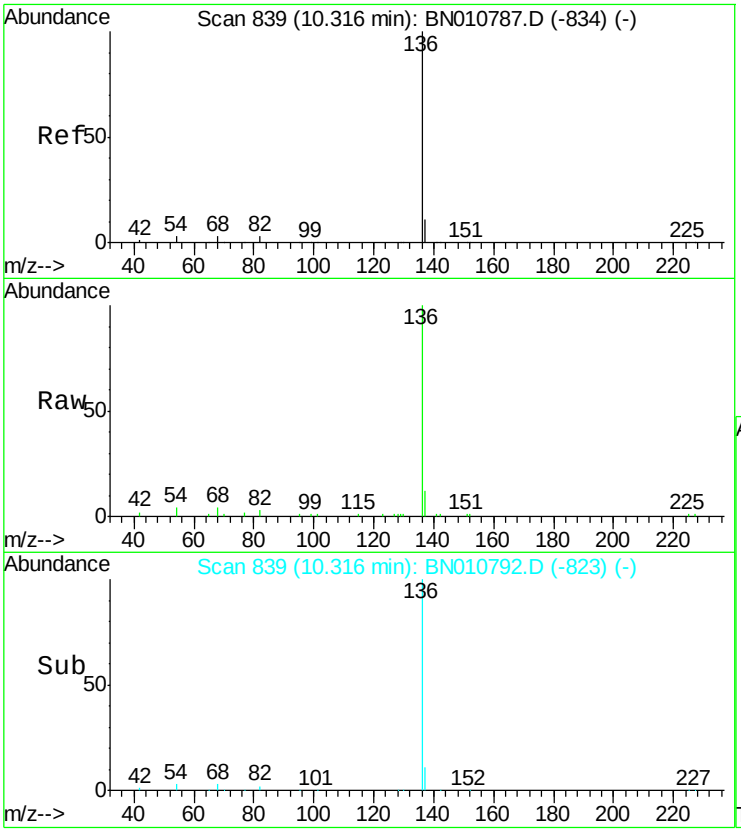


#6
bis(2-Chloroethyl)ether
Concen: 0.393 ng
RT: 7.01 min Scan# 519
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion: 93 Resp: 2813

Ion	Ratio	Lower	Upper
93	100		
63	60.8	46.2	69.4
95	33.6	27.6	41.4



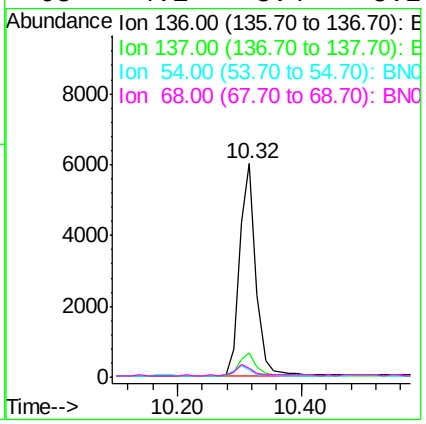


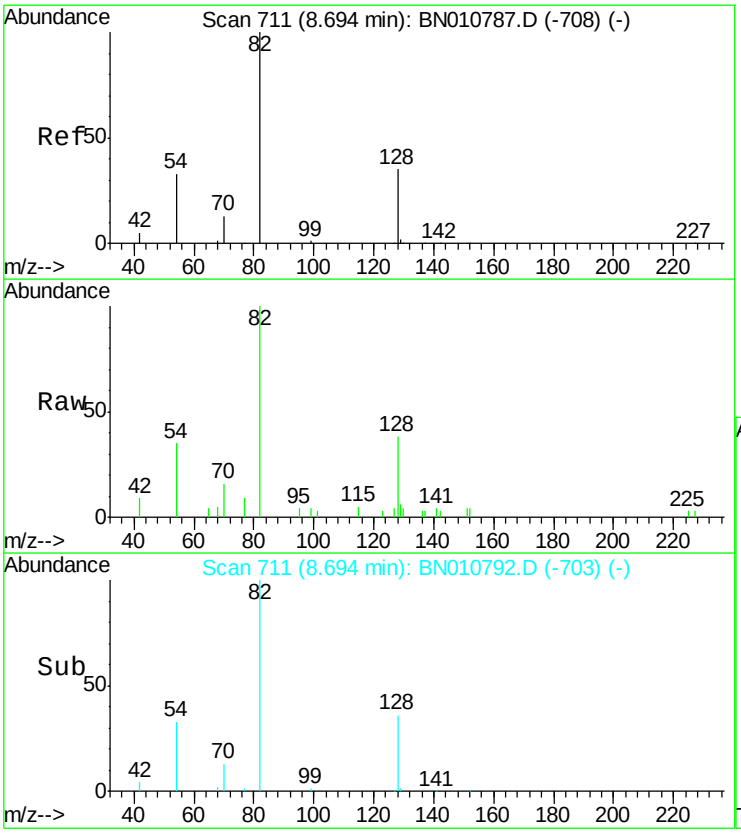
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:136 Resp: 10818

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.7	3.3	4.9
68	4.1	3.4	5.2

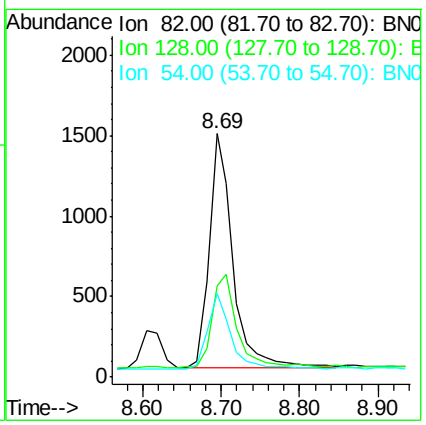


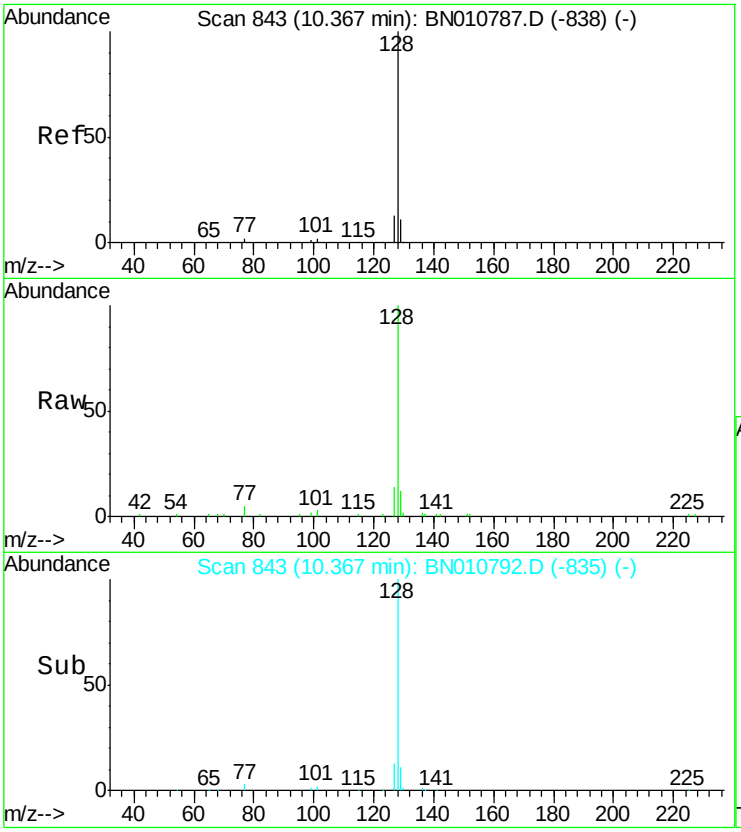


#8
Nitrobenzene-d5
Concen: 0.390 ng
RT: 8.69 min Scan# 711
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion: 82 Resp: 3098

Ion	Ratio	Lower	Upper
82	100		
128	37.7	31.4	47.0
54	34.5	28.9	43.3



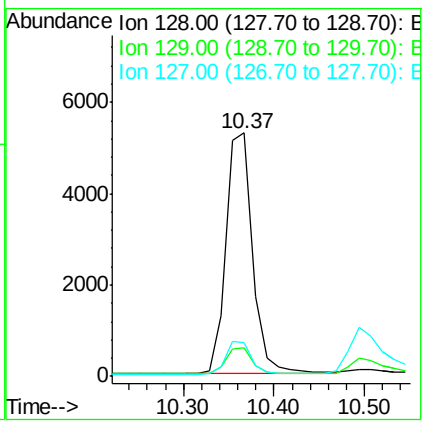


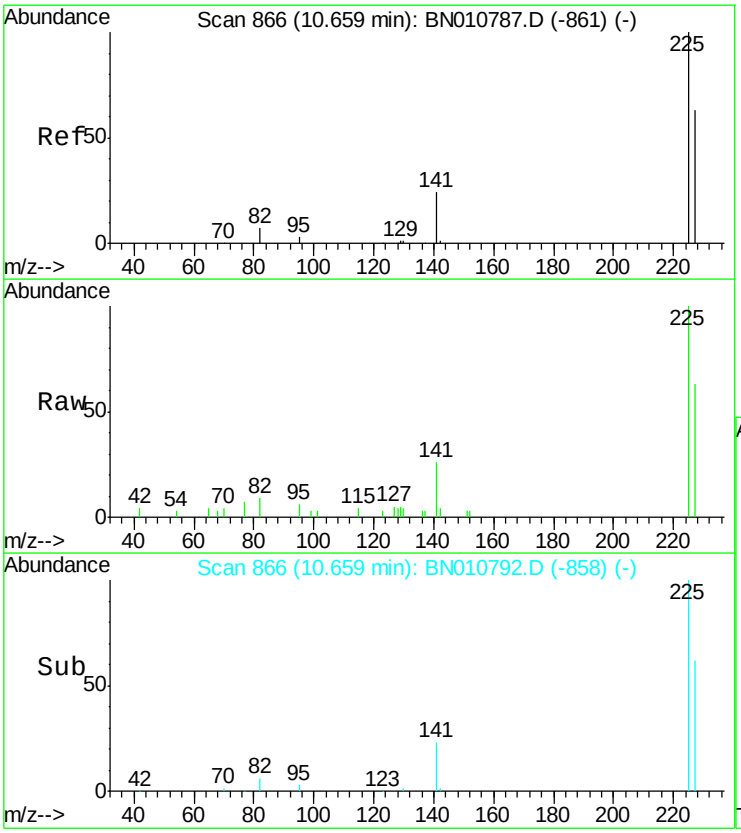
#9
Naphthalene
Concen: 0.399 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:128 Resp: 10757

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.4	14.2
127	13.6	11.0	16.6

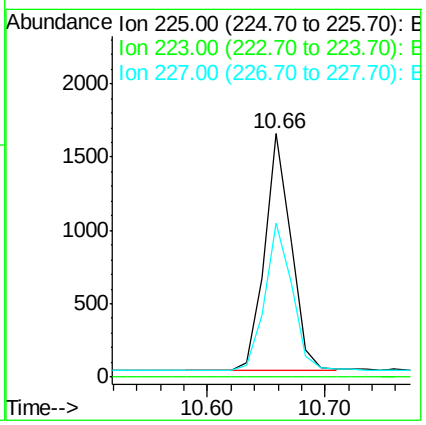


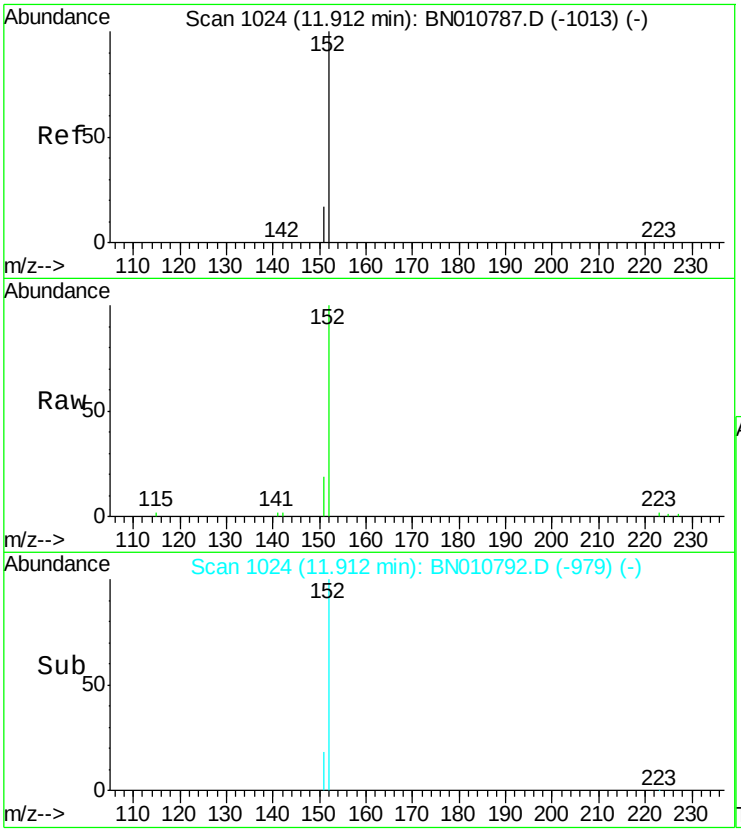


#10
Hexachlorobutadiene
Concen: 0.386 ng
RT: 10.66 min Scan# 866
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:225 Resp: 2540

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.4



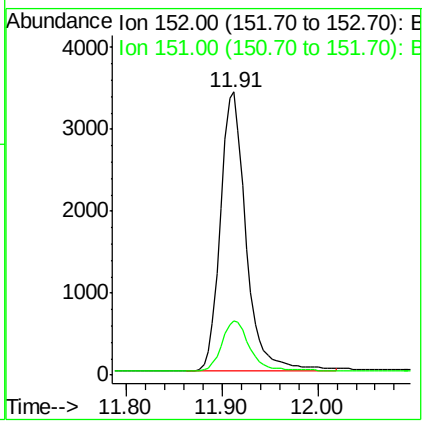


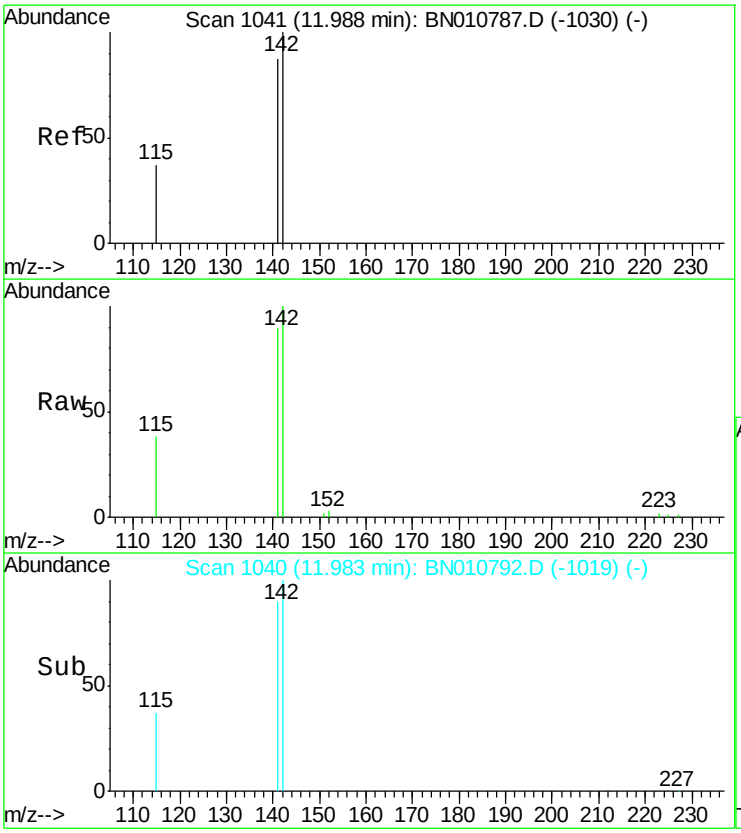
#11
2-Methylnaphthalene-d10
Concen: 0.387 ng
RT: 11.91 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:152 Resp: 6346

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.3	22.9

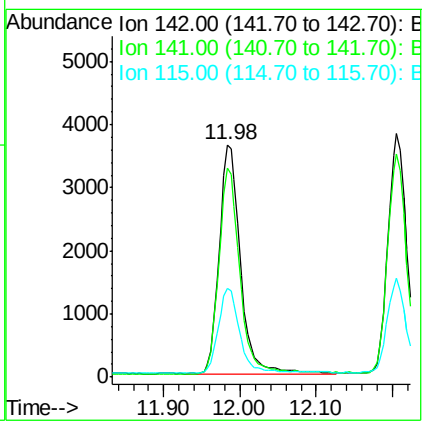


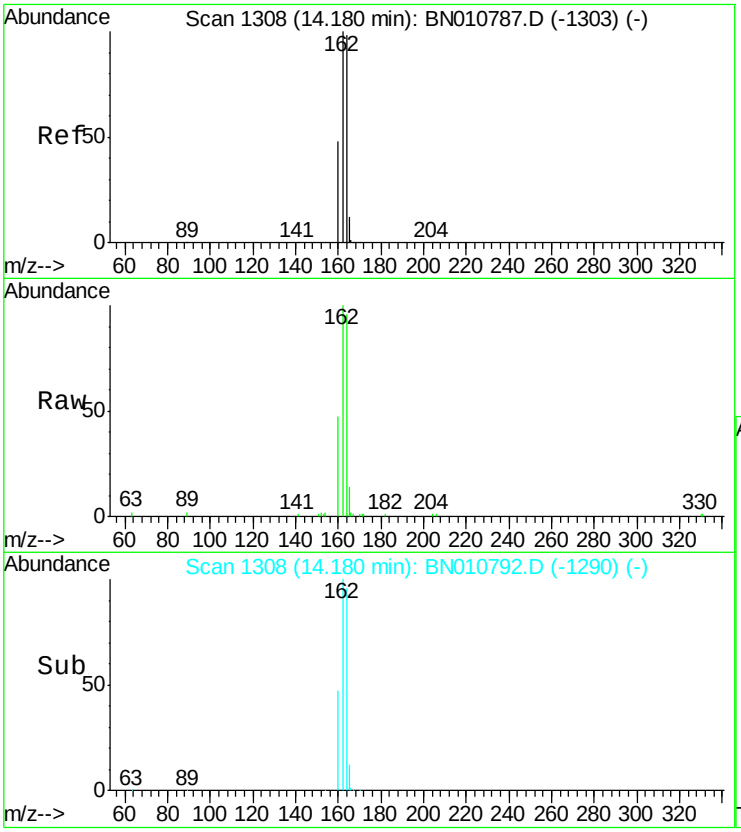


#12
2-Methylnaphthalene
Concen: 0.389 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:142 Resp: 6951

Ion	Ratio	Lower	Upper
142	100		
141	89.8	69.8	104.6
115	38.2	31.0	46.6



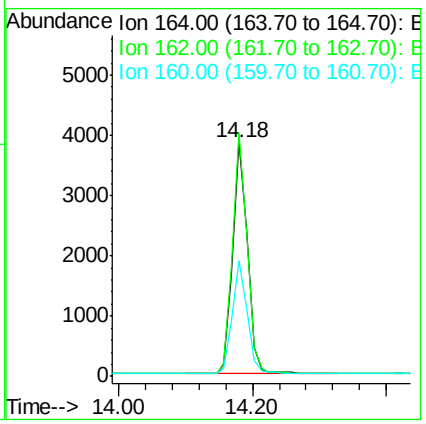


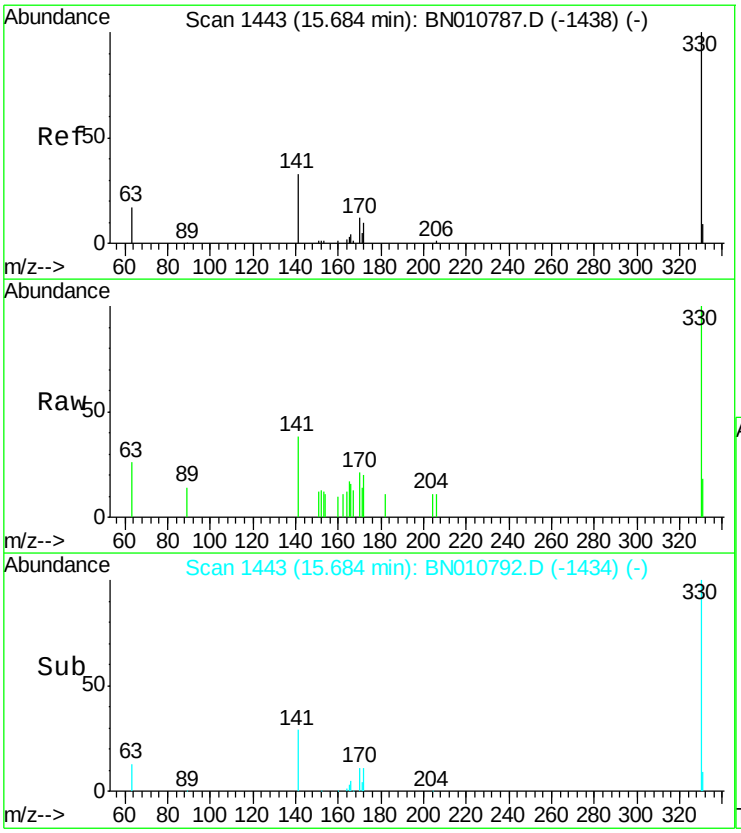
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.18 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:164 Resp: 5768

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.8	122.8
160	49.1	40.2	60.2

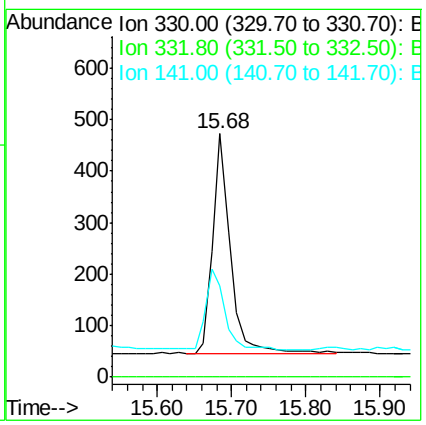


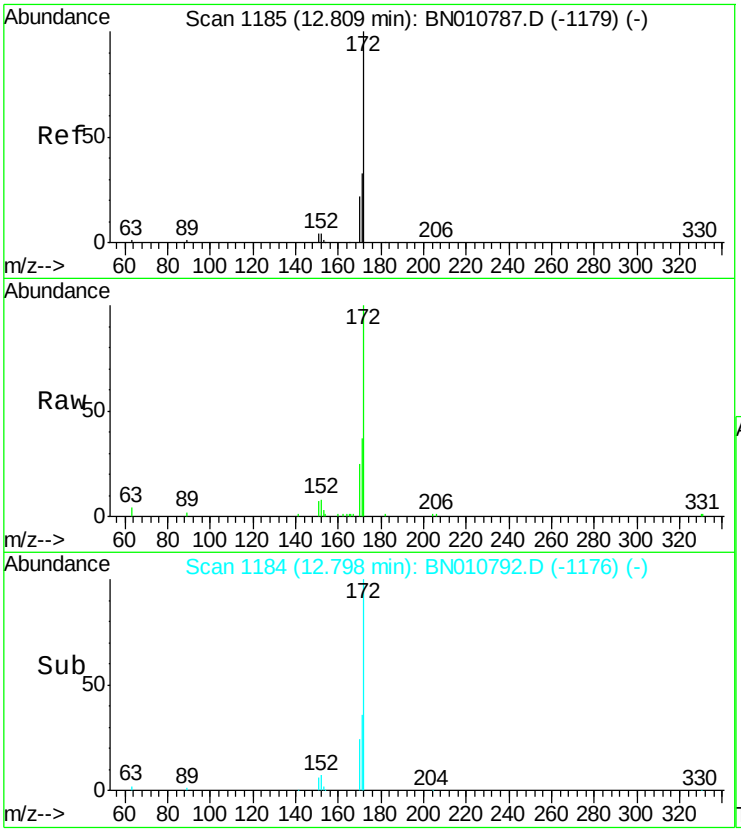


#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.68 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:330 Resp: 707

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.2	32.1	48.1



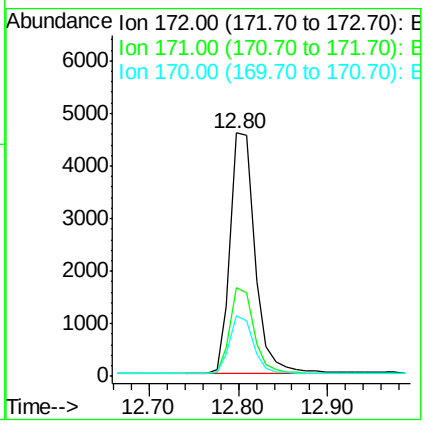


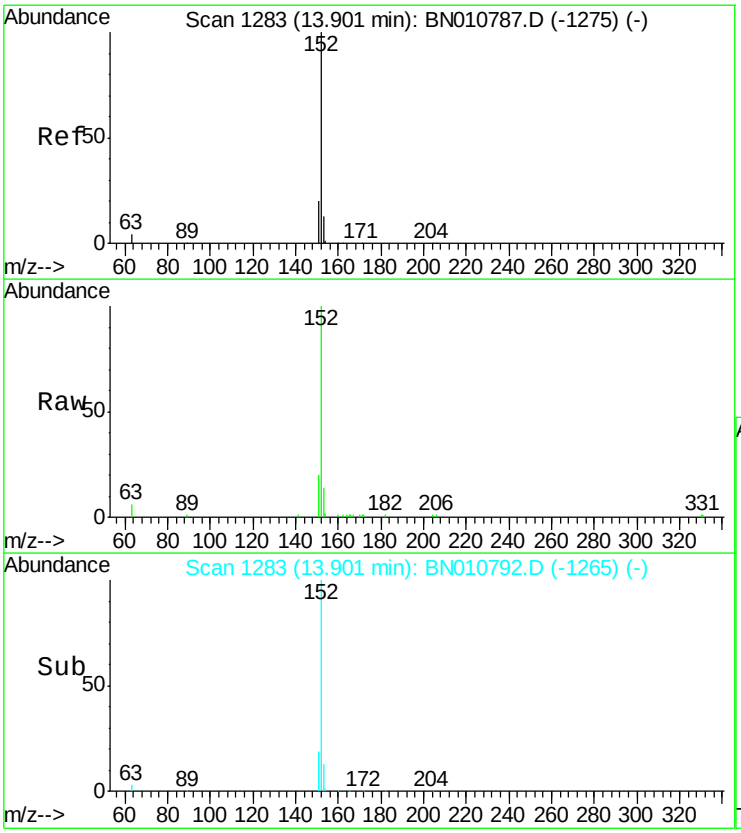
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:172 Resp: 8999

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.2	40.8
170	24.9	18.1	27.1

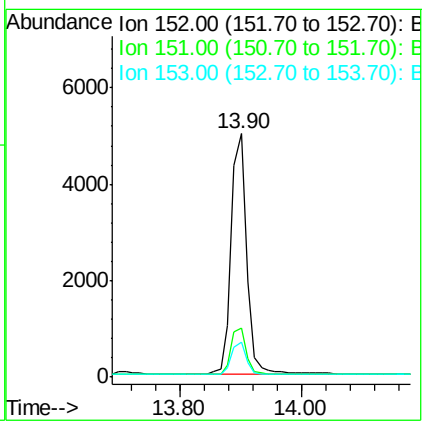


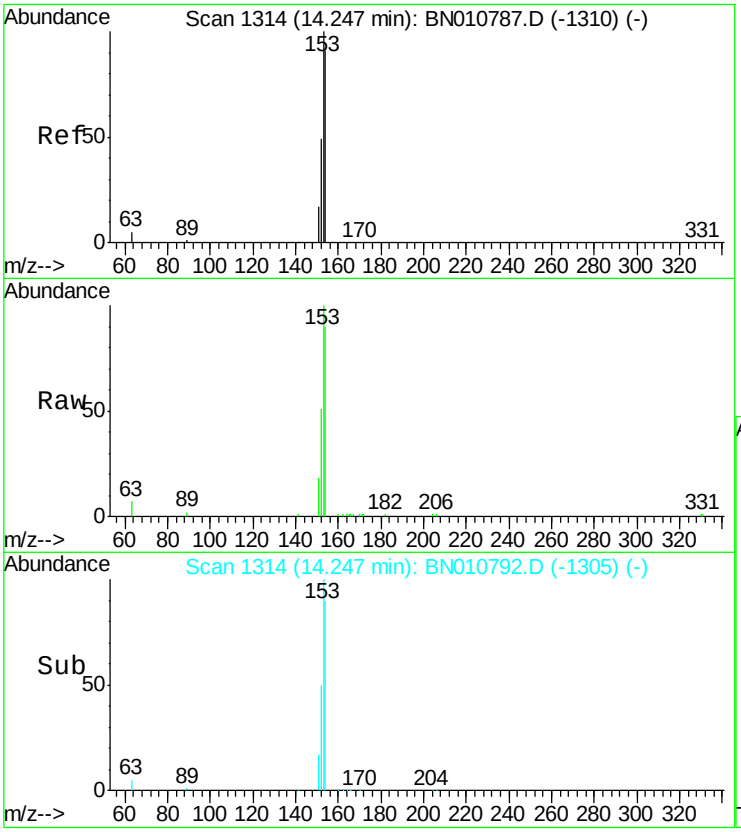


#16
Acenaphthylene
Concen: 0.381 ng
RT: 13.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:152 Resp: 8903

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.2	10.8	16.2



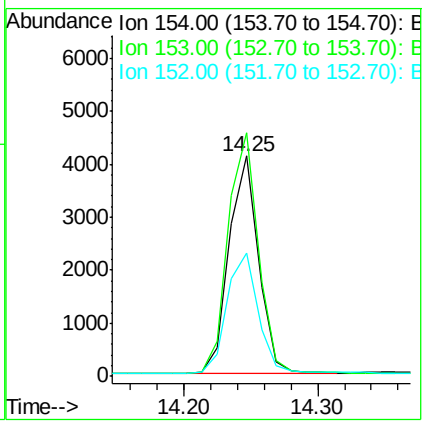


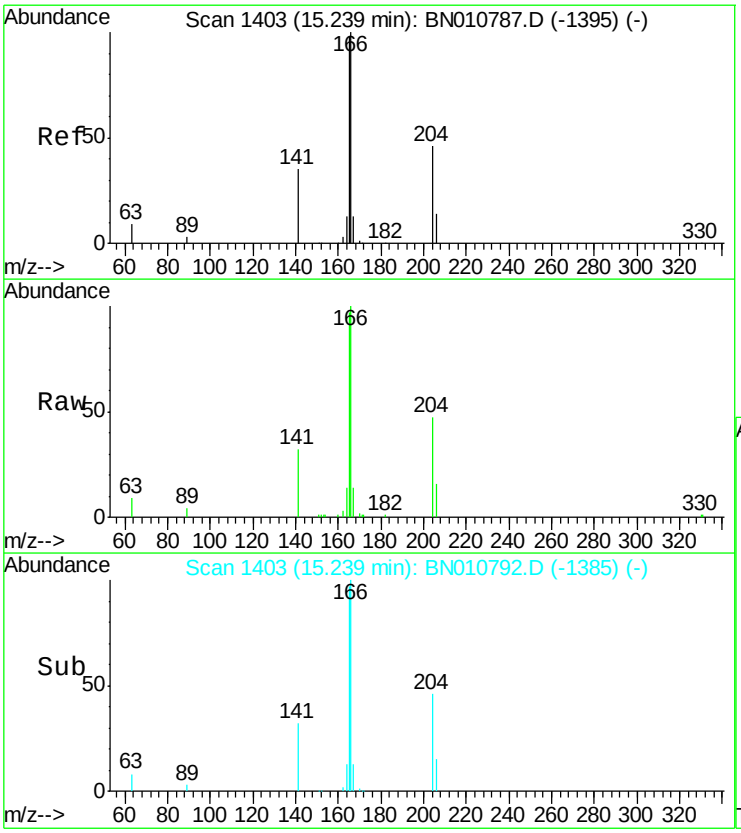
#17
Acenaphthene
Concen: 0.396 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:154 Resp: 6272

Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.3	135.5
152	58.7	45.9	68.9

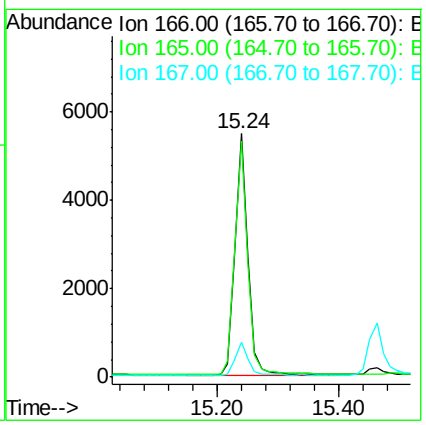


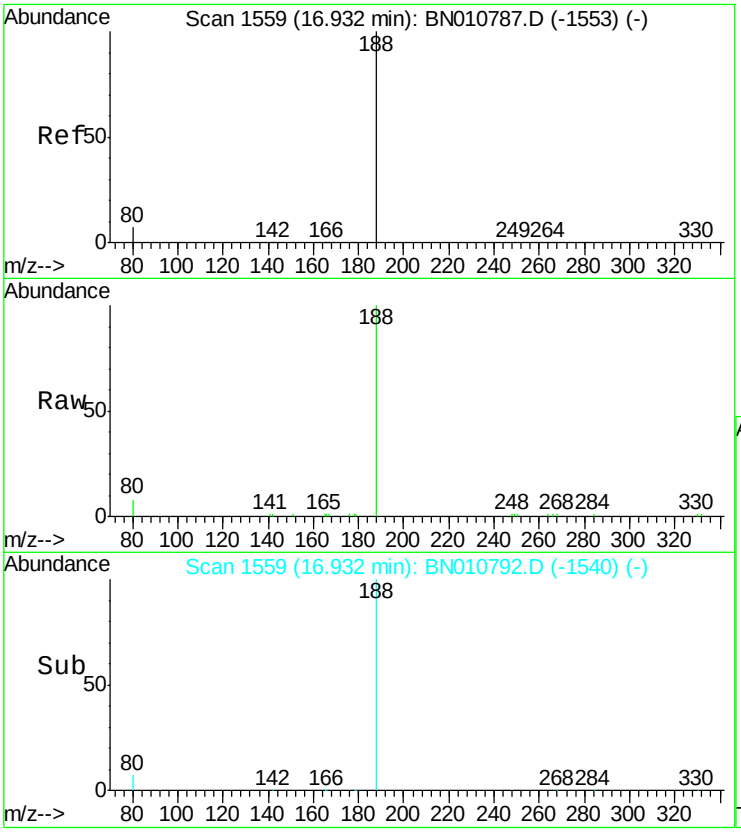


#18
Fluorene
Concen: 0.386 ng
RT: 15.24 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:166 Resp: 7933

Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.3	10.9	16.3



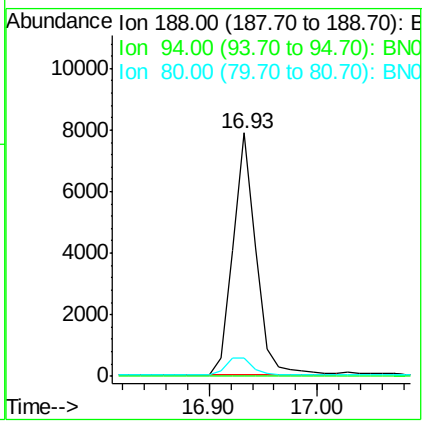


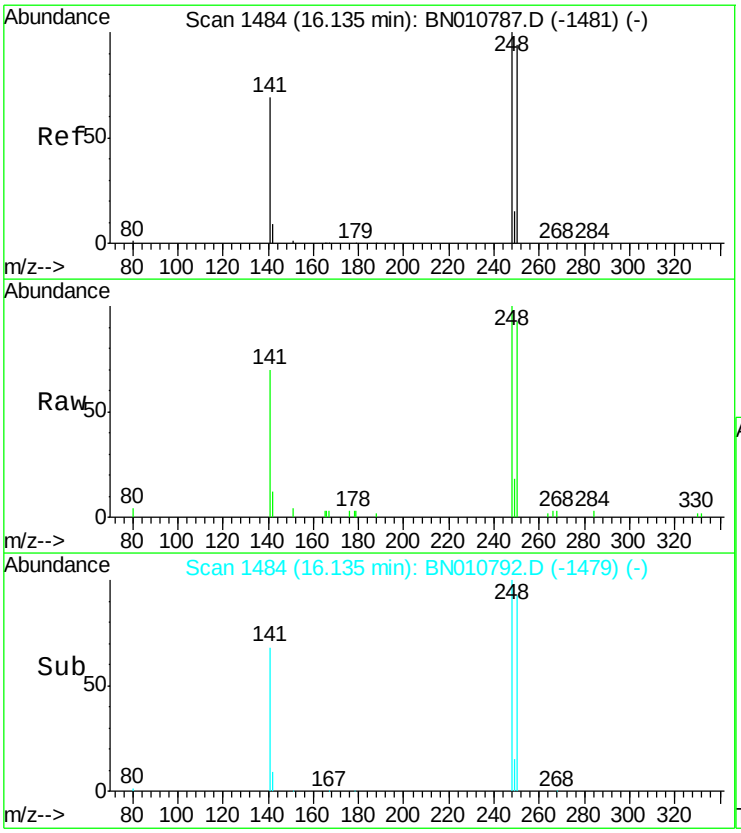
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:188 Resp: 11581

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	5.9	8.9

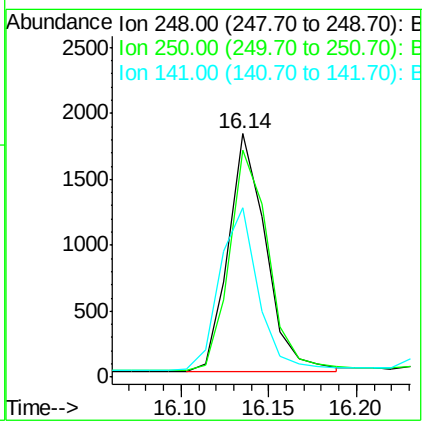


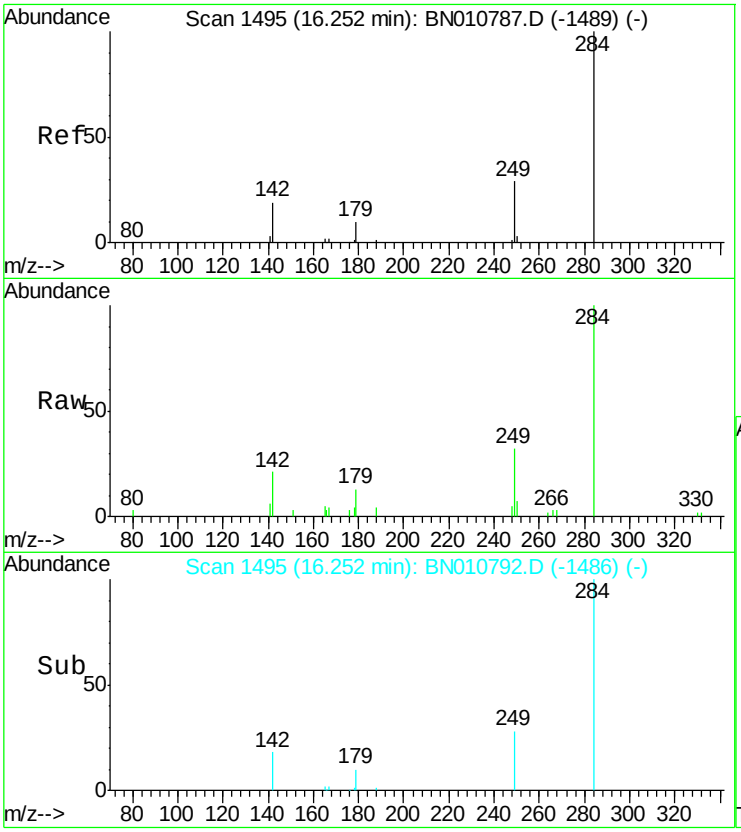


#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.14 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:248 Resp: 2661

Ion	Ratio	Lower	Upper
248	100		
250	93.4	75.2	112.8
141	69.6	56.4	84.6



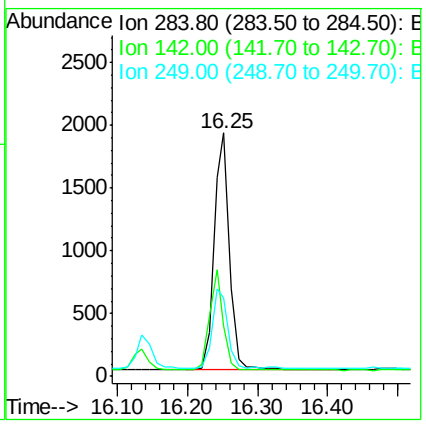


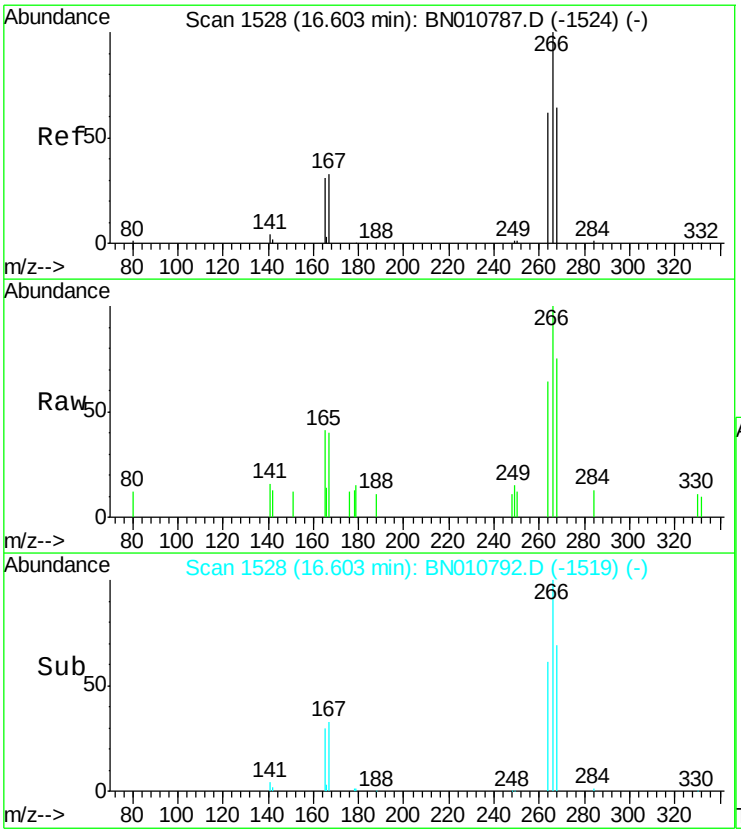
#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:284 Resp: 2903

Ion	Ratio	Lower	Upper
284	100		
142	37.9	31.1	46.7
249	33.3	26.6	39.8

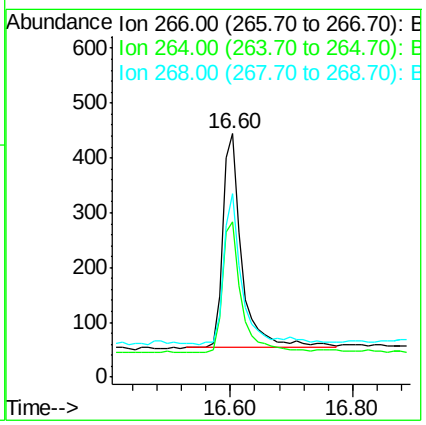


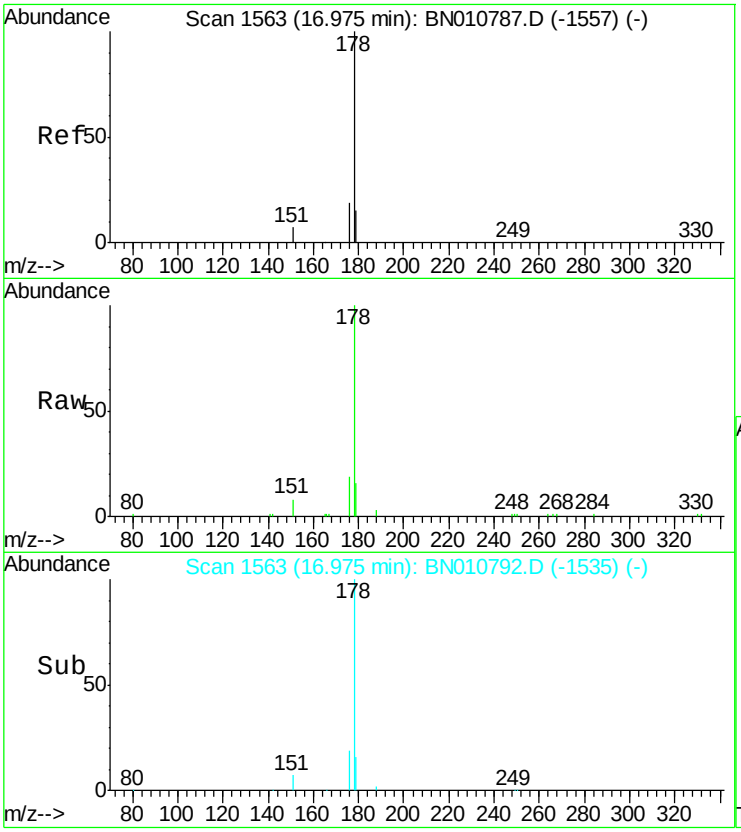


#22
Pentachlorophenol
Concen: 0.352 ng
RT: 16.60 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:266 Resp: 855

Ion	Ratio	Lower	Upper
266	100		
264	64.0	52.5	78.7
268	75.2	56.1	84.1



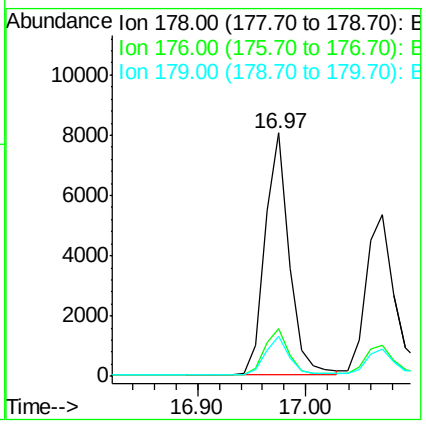


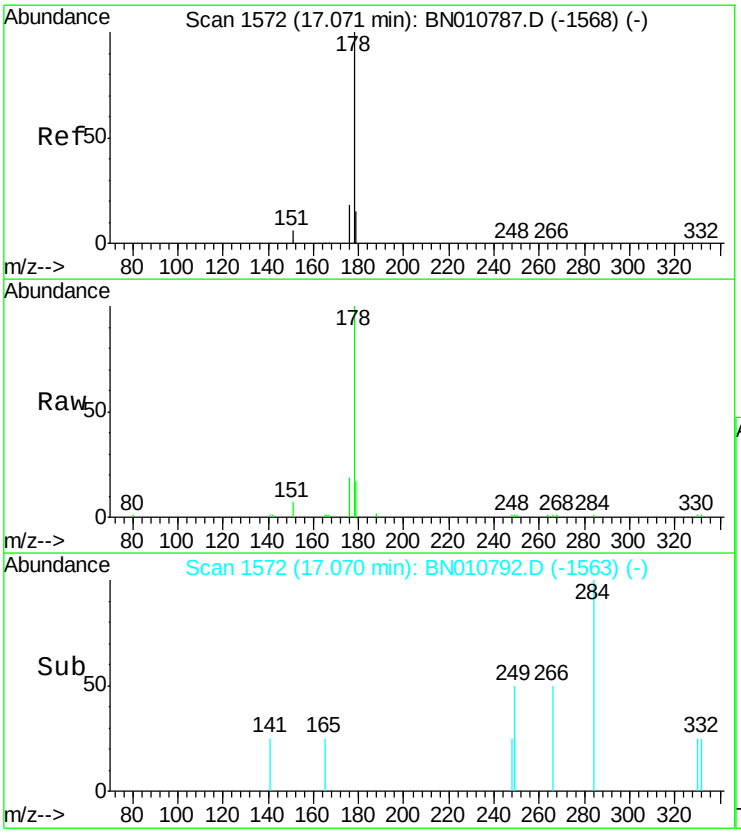
#23
Phenanthrene
Concen: 0.394 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:178 Resp: 12343

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.4	12.2	18.2

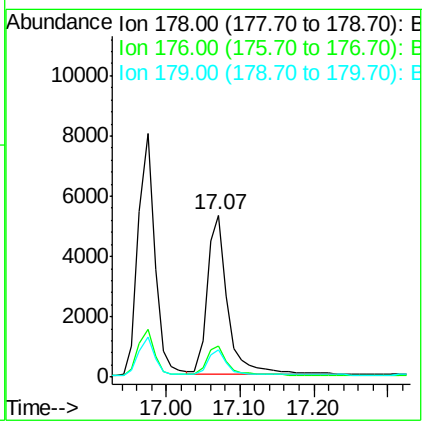


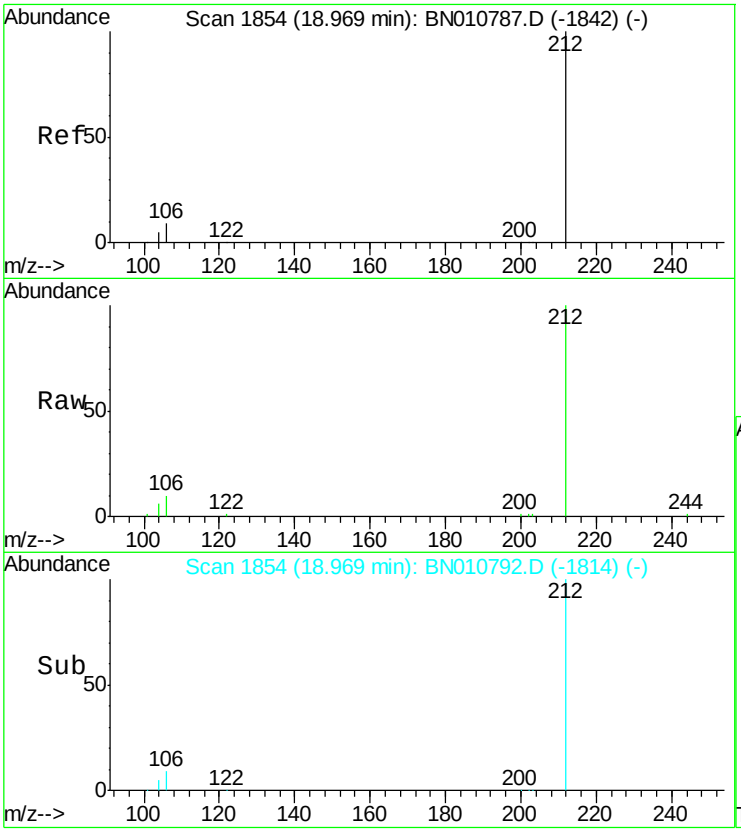


#24
Anthracene
Concen: 0.378 ng
RT: 17.07 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:178 Resp: 10033

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.0	12.0	18.0



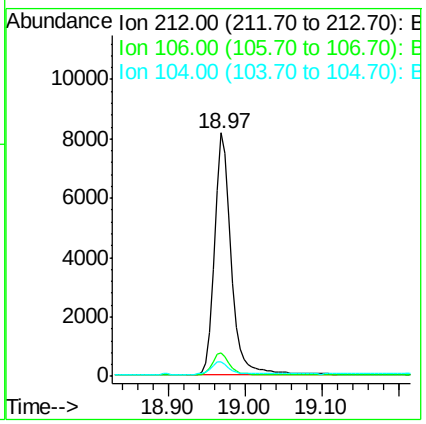


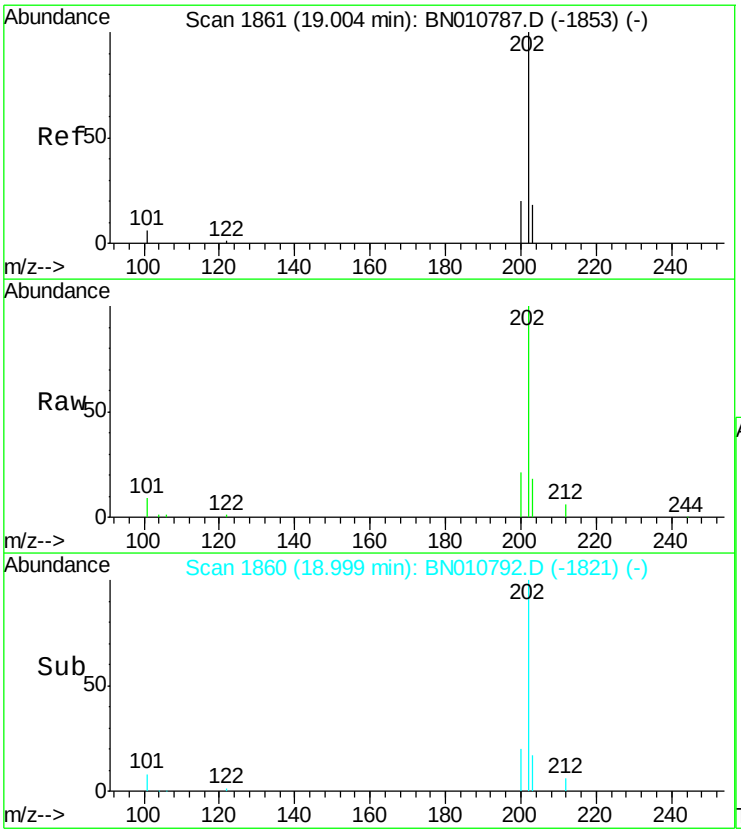
#25
Fluoranthene-d10
Concen: 0.380 ng
RT: 18.97 min Scan# 1854
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:212 Resp: 12230

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.1	10.7
104	5.5	4.1	6.1

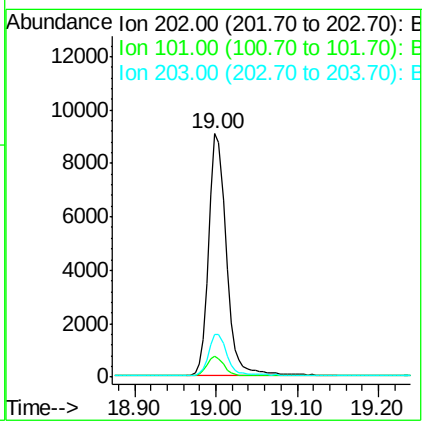


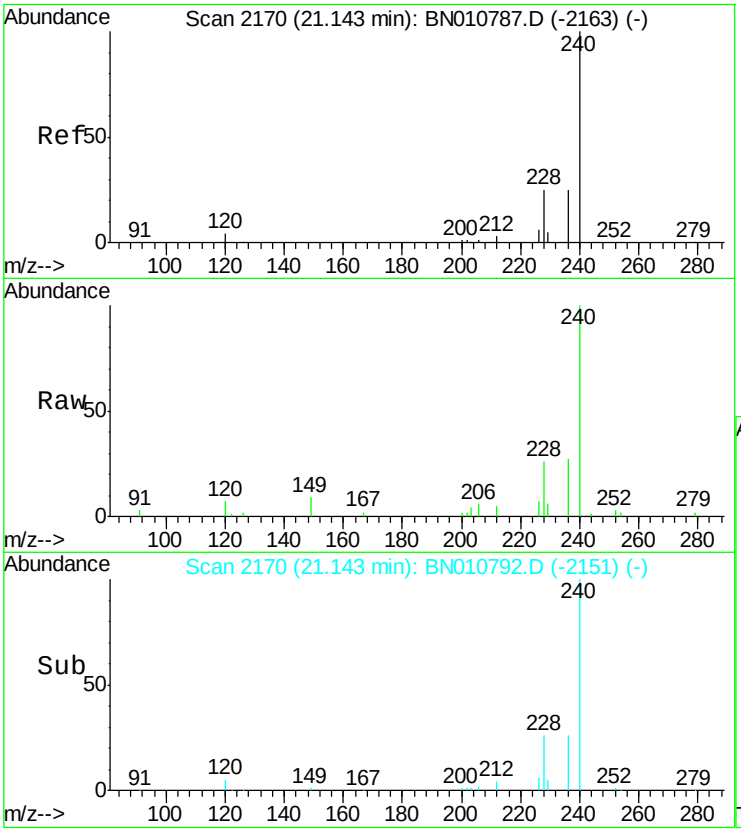


#26
Fluoranthene
Concen: 0.379 ng
RT: 19.00 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:202 Resp: 13733

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.2	9.4
203	17.1	13.6	20.4



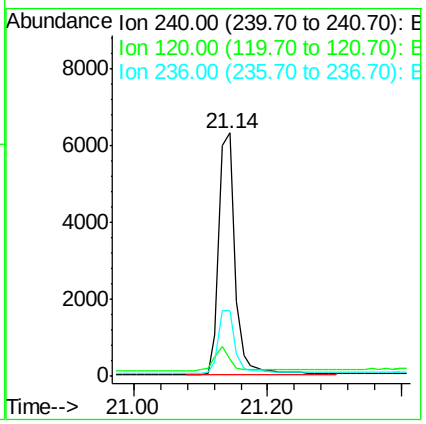


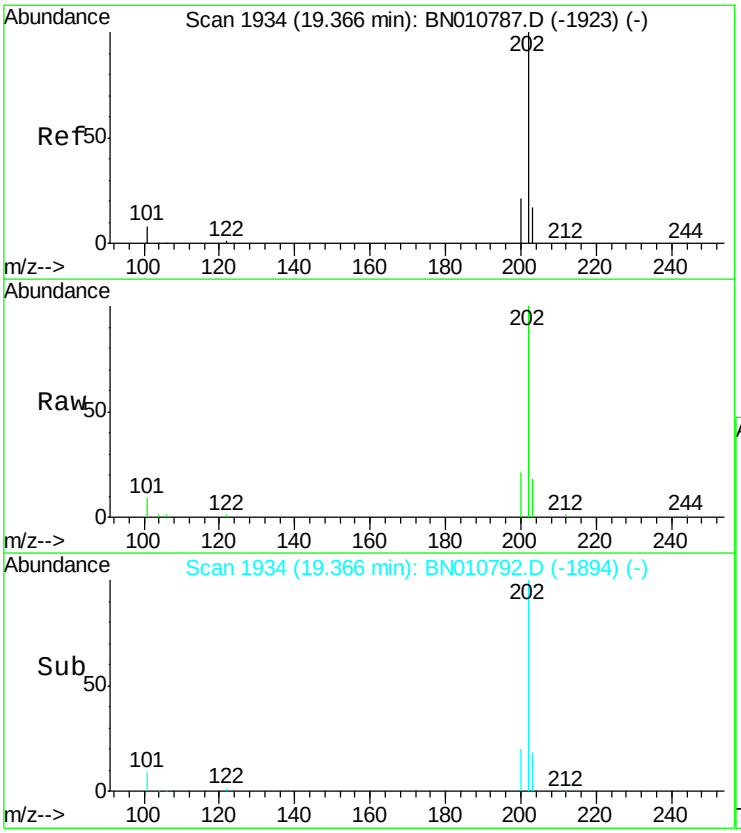
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:240 Resp: 10617

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.2	7.8
236	27.1	21.3	31.9

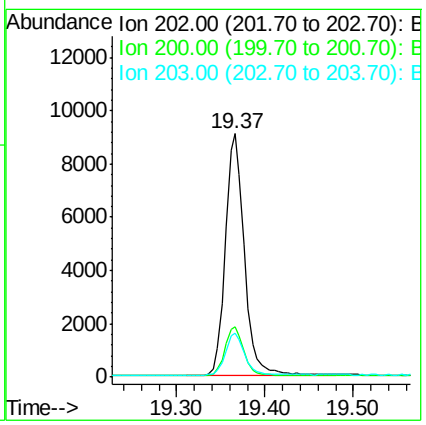


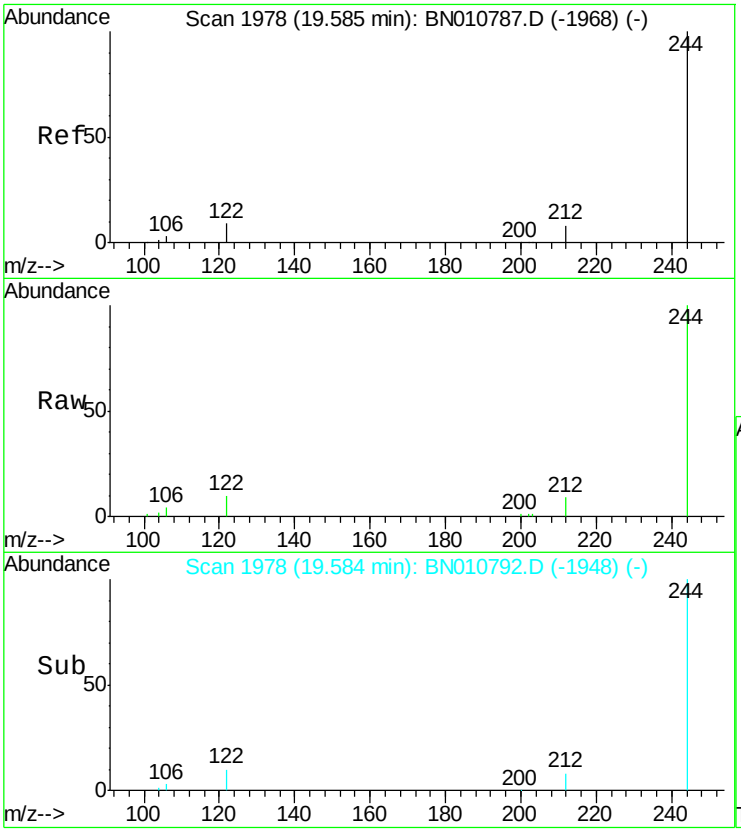


#28
Pyrene
Concen: 0.407 ng
RT: 19.37 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:202 Resp: 13693

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.6	14.0	21.0



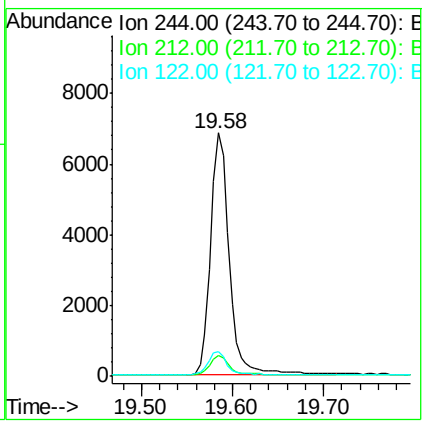


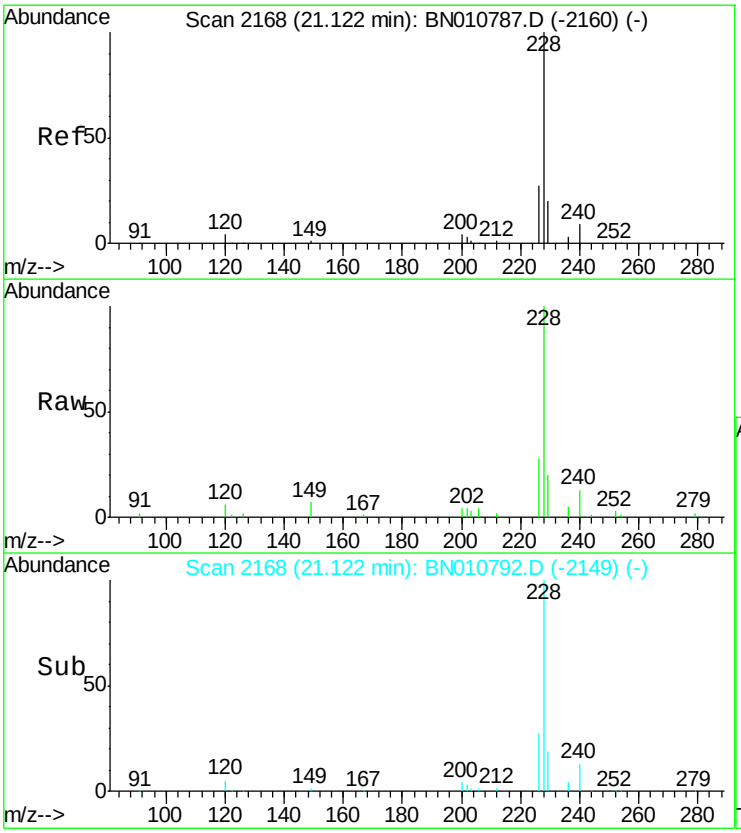
#29
Terphenyl-d14
Concen: 0.405 ng
RT: 19.58 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:244 Resp: 9599

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.2	10.8
122	10.4	7.8	11.6

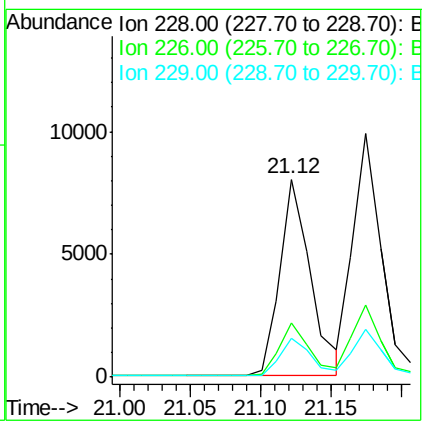


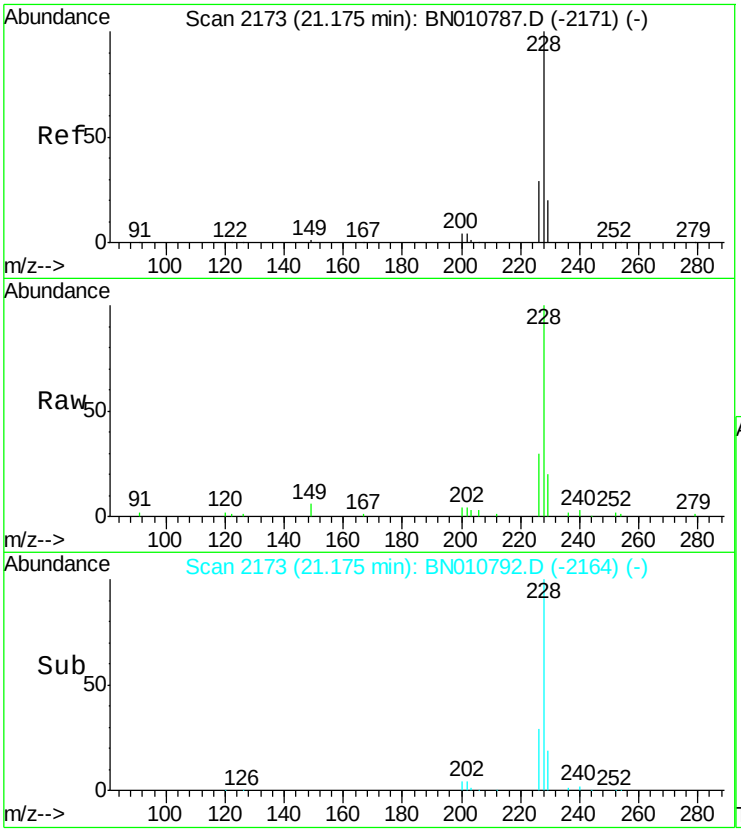


#30
Benzo(a)anthracene
Concen: 0.390 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:228 Resp: 12168

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.9	32.9
229	19.8	16.2	24.2



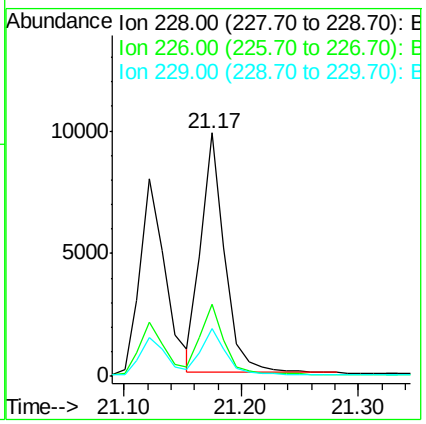


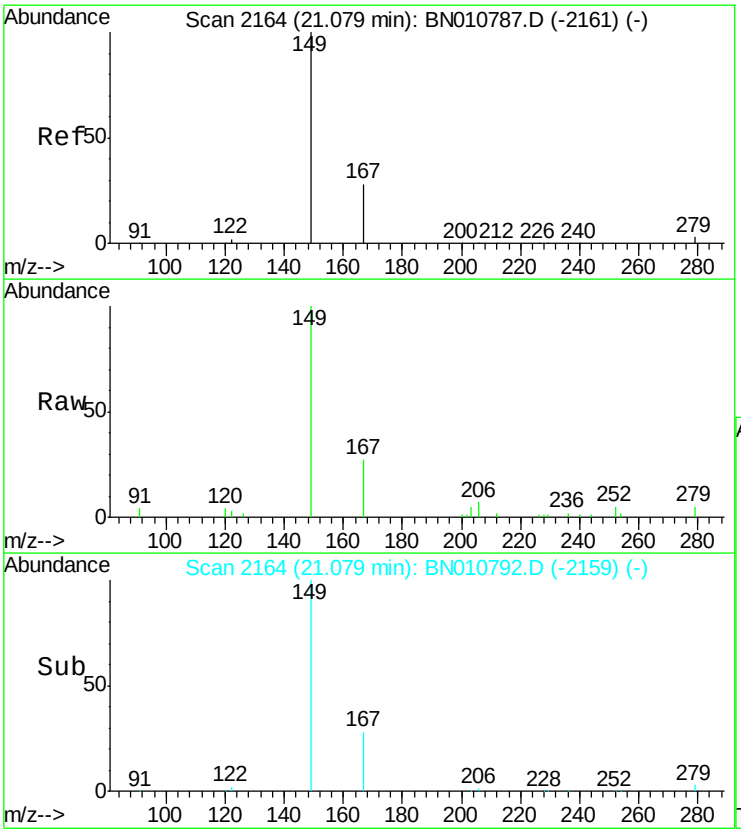
#31
Chrysene
Concen: 0.390 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:228 Resp: 13791

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	19.8	16.3	24.5

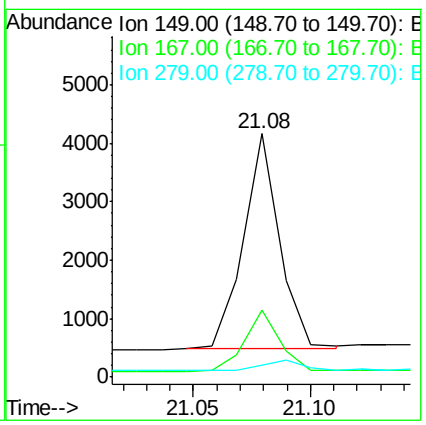


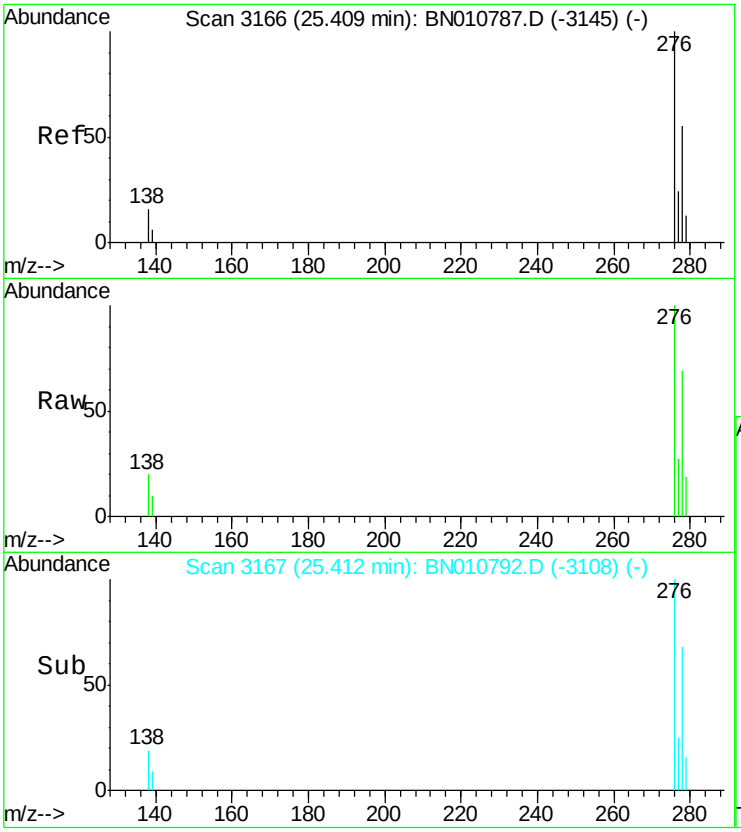


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.383 ng
RT: 21.08 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:149 Resp: 3943

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.9	34.3
279	4.9	4.2	6.2



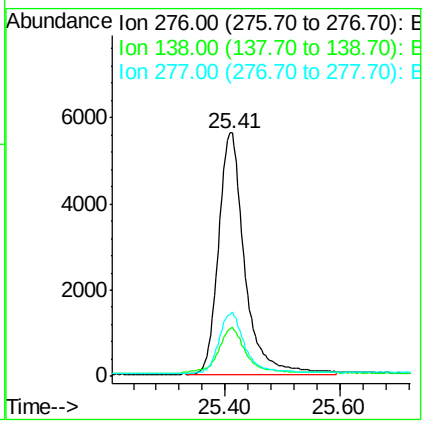


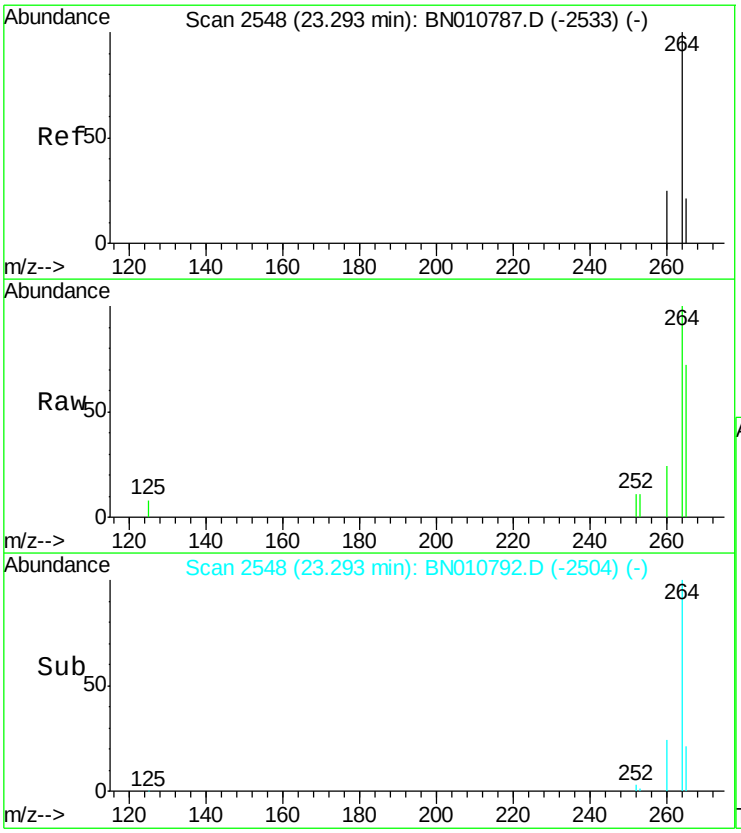
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng
RT: 25.41 min Scan# 3167
Delta R.T. 0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:276 Resp: 17659

Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.1	22.7
277	24.8	19.9	29.9

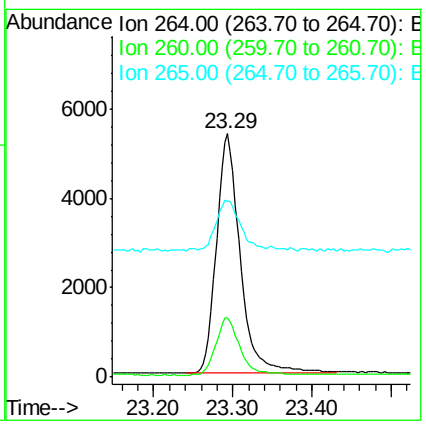


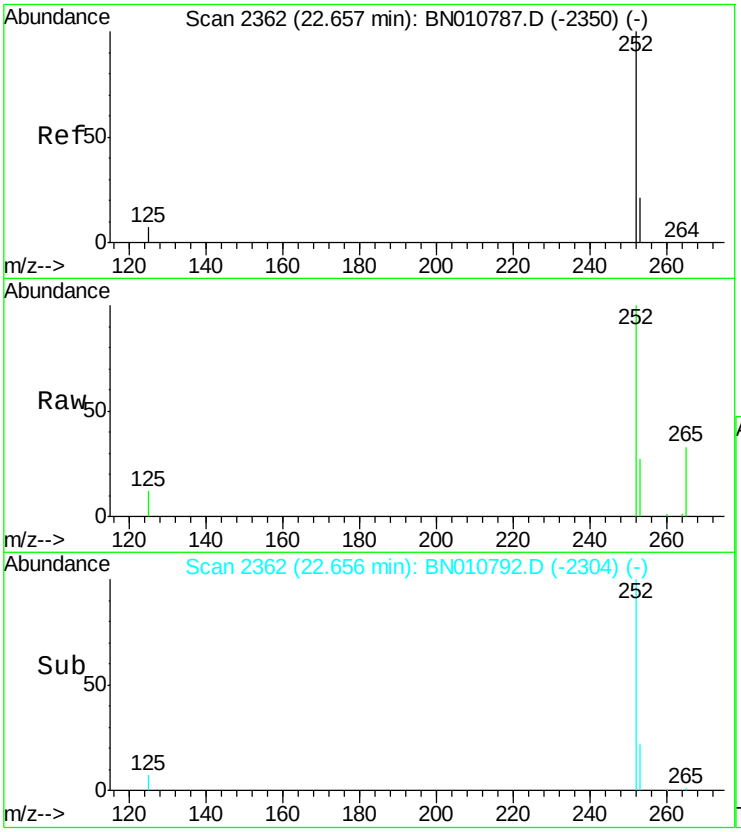


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.29 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:264 Resp: 11210

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	72.5	61.7	92.5



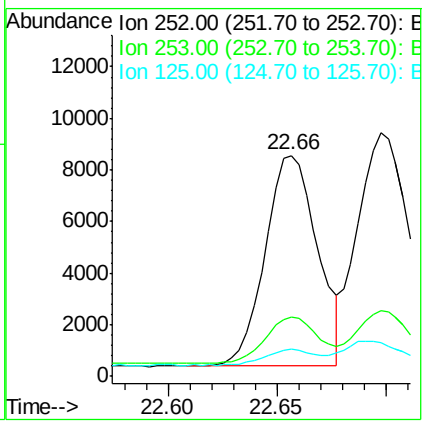


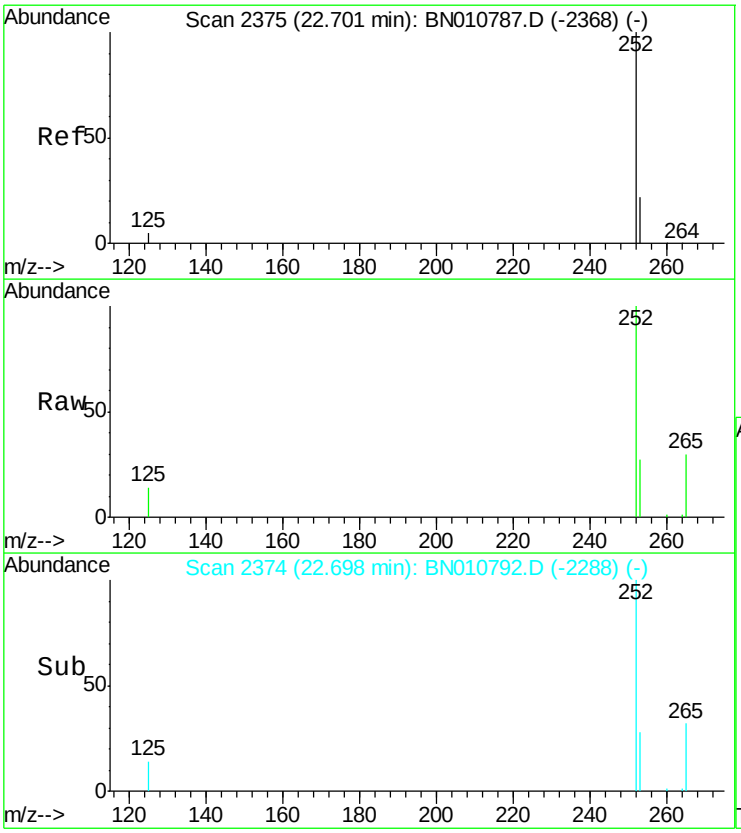
#35
Benzo(b)fluoranthene
Concen: 0.374 ng
RT: 22.66 min Scan# 2362
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:252 Resp: 13643

Ion	Ratio	Lower	Upper
252	100		
253	26.8	21.5	32.3
125	12.1	9.2	13.8

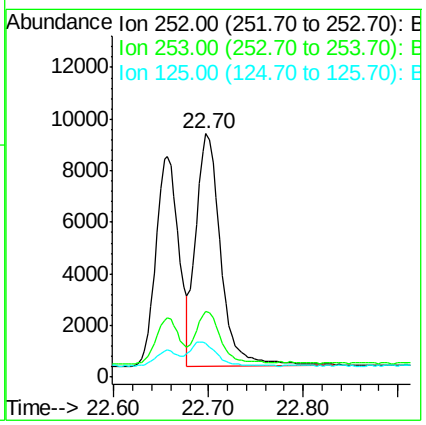


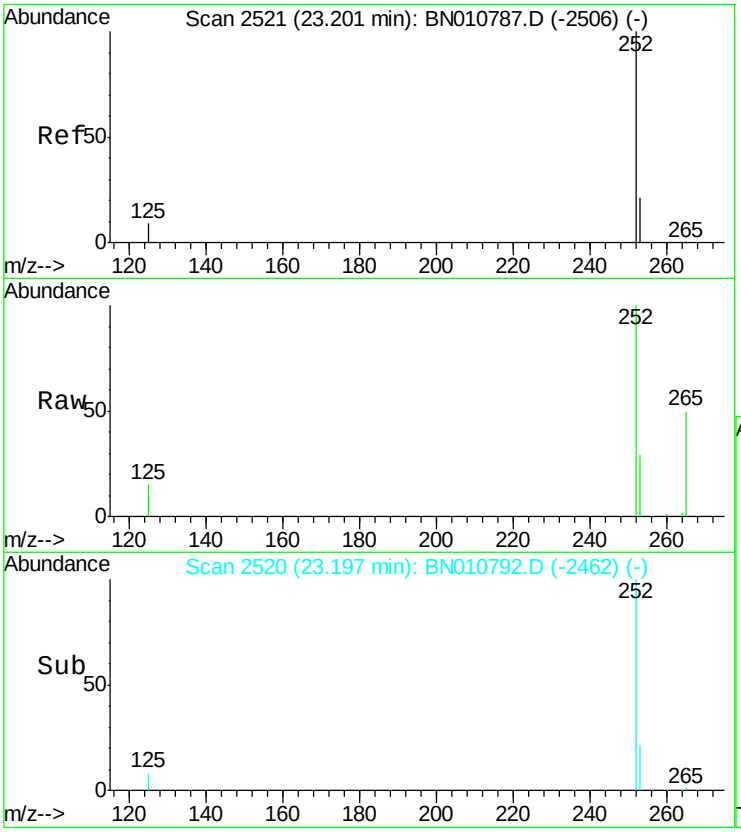


#36
Benzo(k)fluoranthene
Concen: 0.404 ng
RT: 22.70 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:252 Resp: 16232

Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.8	32.8
125	13.6	10.5	15.7



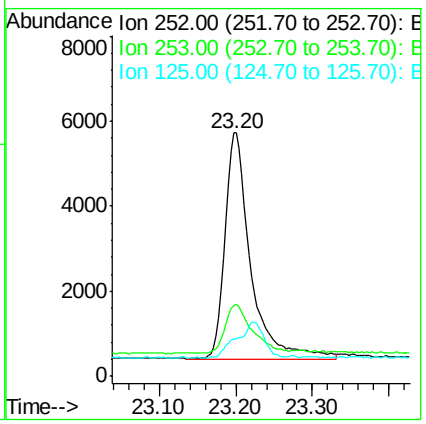


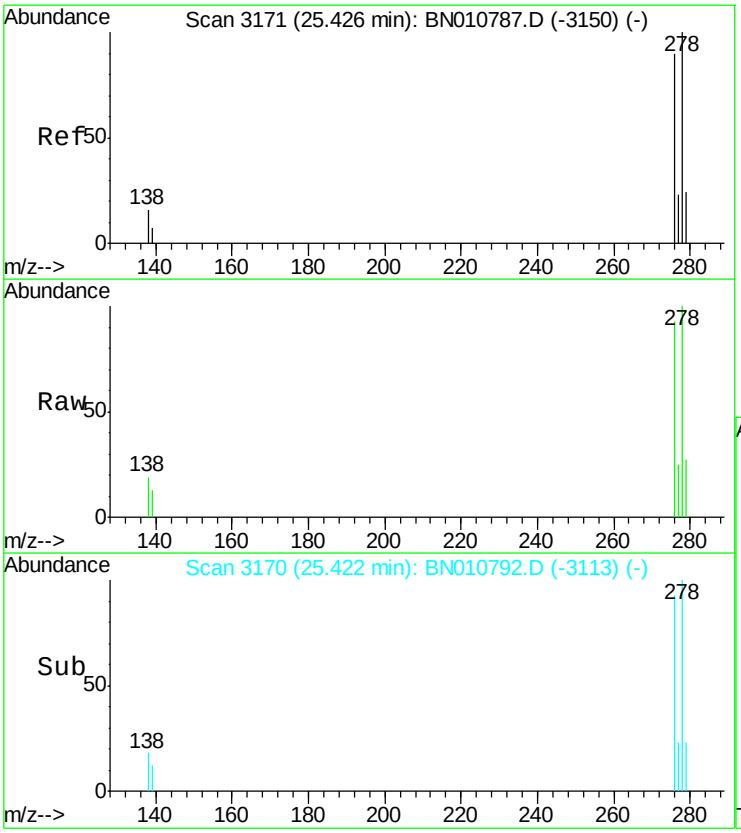
#37
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.20 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:252 Resp: 12516

Ion	Ratio	Lower	Upper
252	100		
253	29.0	32.0	48.0#
125	15.3	16.0	24.0#

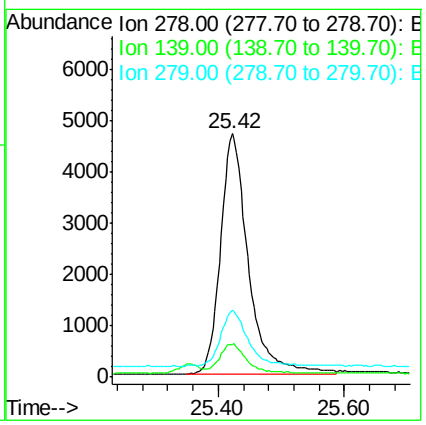


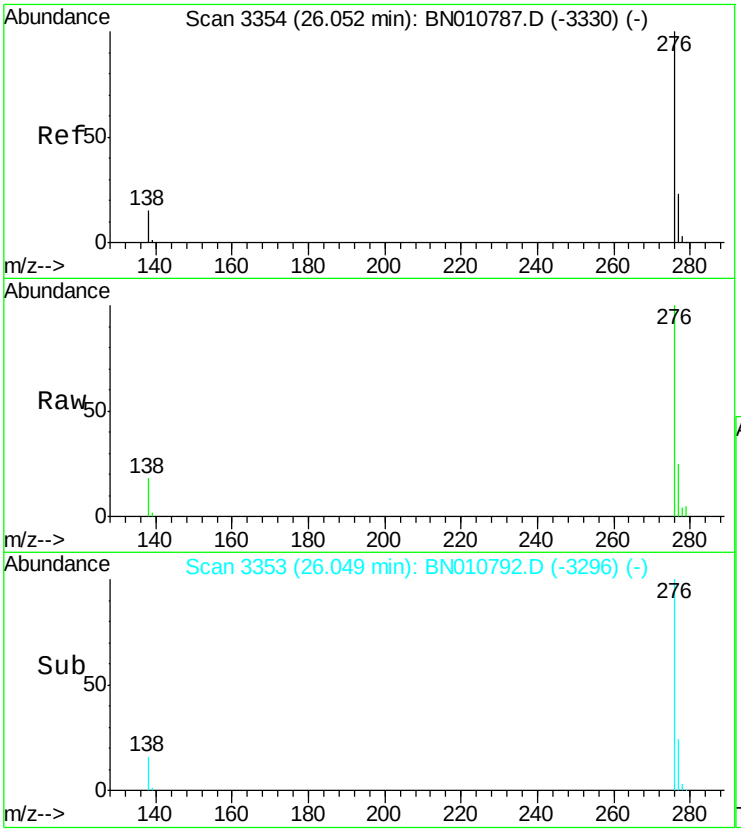


#38
Dibenzo(a,h)anthracene
Concen: 0.388 ng
RT: 25.42 min Scan# 3170
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Tgt Ion:278 Resp: 14245

Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.7	16.1
279	27.3	22.9	34.3





#39
Benzo(g,h,i)perylene
Concen: 0.374 ng
RT: 26.05 min Scan# 3353
Delta R.T. -0.00 min
Lab File: BN010792.D
Acq: 05 Jun 2020 21:42

Instrument :
BNA_N
ClientSampleId :
ICVBN060620

Tgt Ion:276 Resp: 14196

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.9	29.9
138	17.7	13.6	20.4