Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
Data File : BN010729.D
Acq On : 15 May 2020 15:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 15 15:53:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	3682	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	14519	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	9096	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	19717	0.40	ng		0.00
27) Chrysene-d12	21.16	240	16345	0.40	ng		0.00
34) Perylene-d12	23.32	264	15720	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	3096	0.43	ng		0.00
5) Phenol-d6	6.77	99	3849	0.44	ng		0.00
8) Nitrobenzene-d5	8.71	82	4043	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	11.92	152	9493	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	1267	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	13170	0.39	ng		0.00
25) Fluoranthene-d10	18.99	212	20836	0.39	ng		0.00
29) Terphenyl-d14	19.60	244	16195	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1284	0.40	ng		97
3) n-Nitrosodimethylamine	3.56	42	724	0.40	ng		95
6) bis(2-Chloroethyl)ether	7.01	93	3827	0.42	ng		98
9) Naphthalene	10.37	128	14611	0.40	ng		100
10) Hexachlorobutadiene	10.67	225	3288	0.39	ng	#	99
12) 2-Methylnaphthalene	12.00	142	10392	0.40	ng		98
16) Acenaphthylene	13.91	152	14133	0.38	ng		100
17) Acenaphthene	14.25	154	9992	0.40	ng		99
18) Fluorene	15.26	166	12710	0.39	ng		98
20) 4-Bromophenyl-phenylether	16.15	248	4197	0.39	ng		94
21) Hexachlorobenzene	16.26	284	4902	0.38	ng		99
22) Pentachlorophenol	16.61	266	1539	0.38	ng		99
23) Phenanthrene	16.99	178	20673	0.39	ng		100
24) Anthracene	17.08	178	17016	0.38	ng		99
26) Fluoranthene	19.02	202	23294	0.39	ng		99
28) Pyrene	19.38	202	23282	0.40	ng		100
30) Benzo(a)anthracene	21.14	228	19839	0.42	ng		99
31) Chrysene	21.19	228	22201	0.41	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	8628	0.41	ng		100
33) Indeno(1,2,3-cd)pyrene	25.46	276	24010	0.50	ng		99
35) Benzo(b)fluoranthene	22.68	252	19683	0.38	ng		97
36) Benzo(k)fluoranthene	22.72	252	22107	0.39	ng		98
37) Benzo(a)pyrene	23.23	252	17881	0.40	ng		95
38) Dibenzo(a,h)anthracene	25.48	278	16313	0.42	ng		96
39) Benzo(g,h,i)perylene	26.10	276	19013	0.42	ng		100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
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Operator : CG/JU
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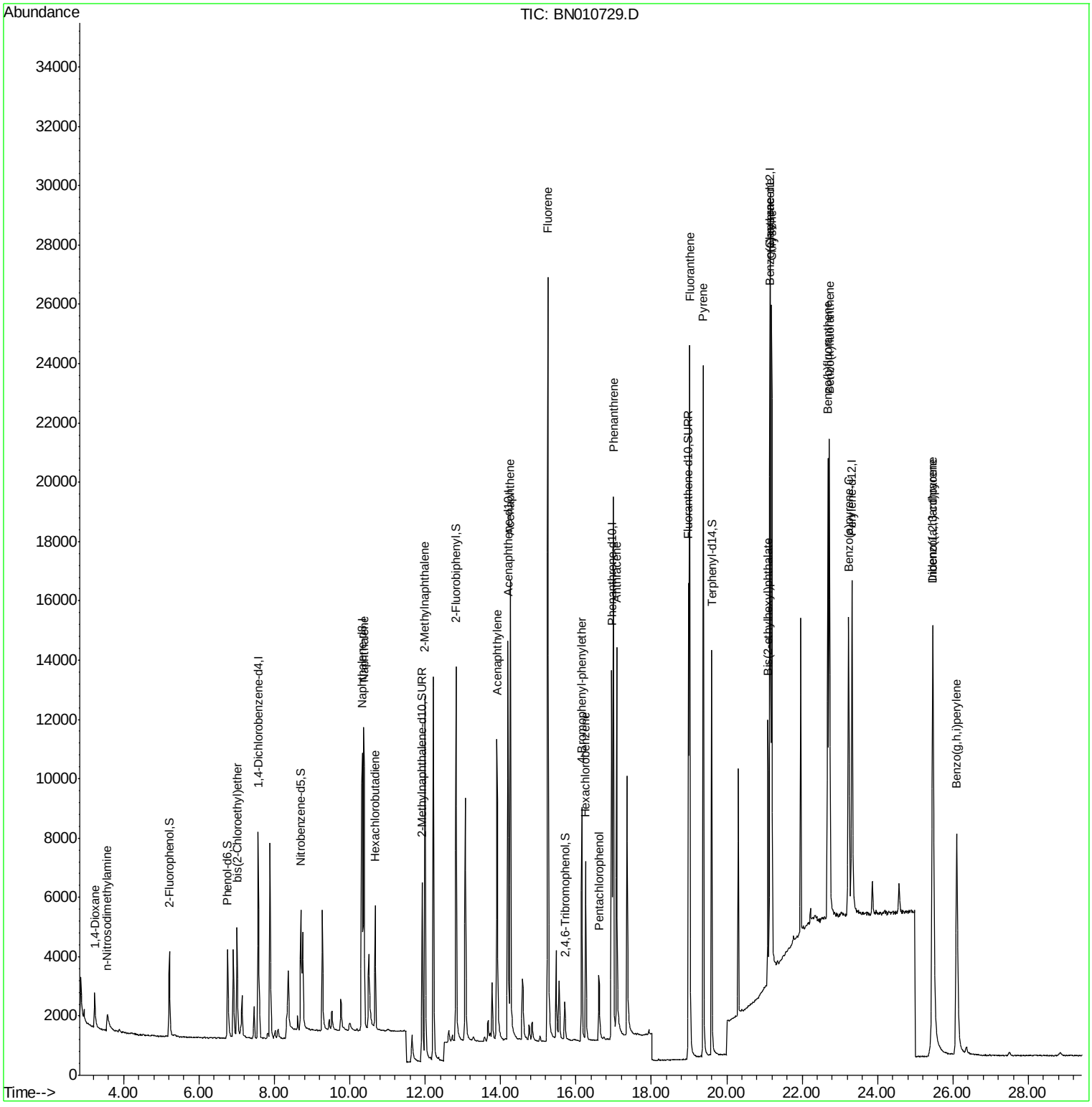
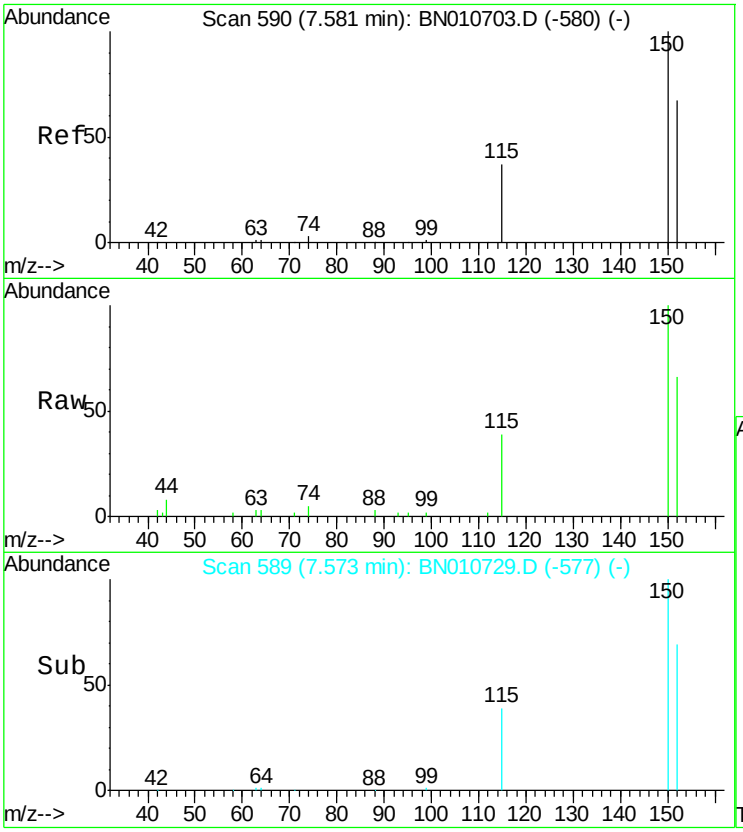
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 15 15:53:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration



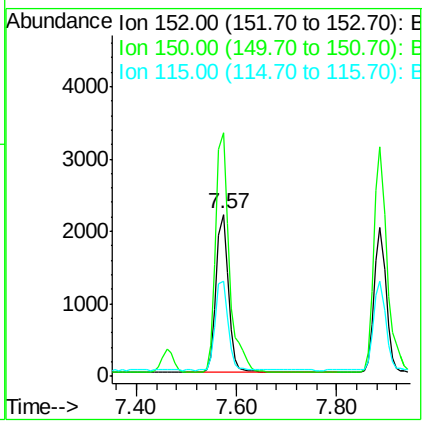


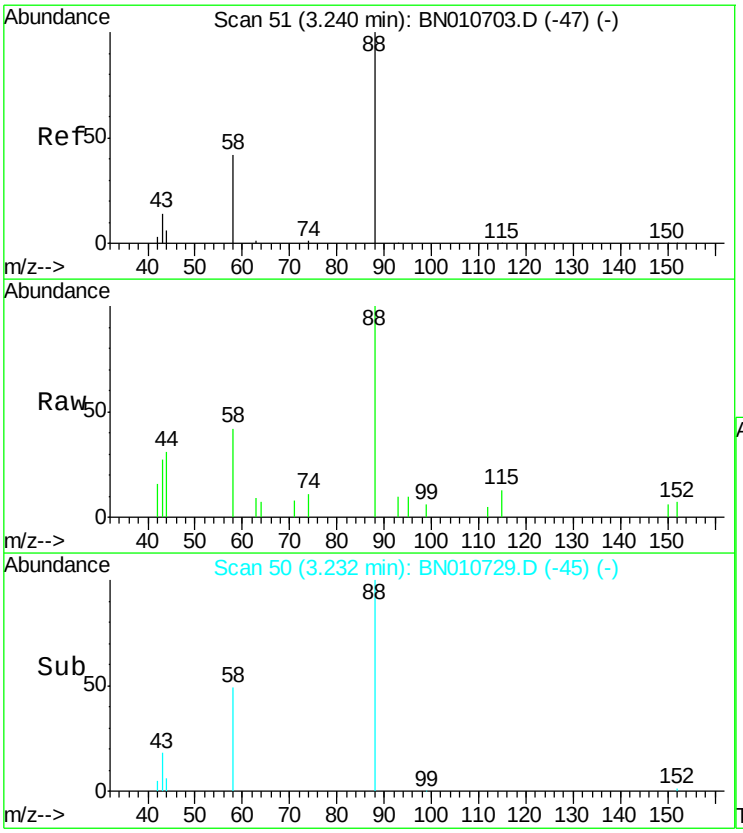
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 3682

Ion	Ratio	Lower	Upper
152	100		
150	150.6	119.4	179.0
115	59.0	45.9	68.9

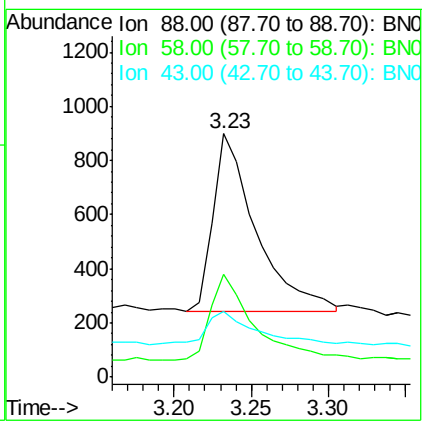


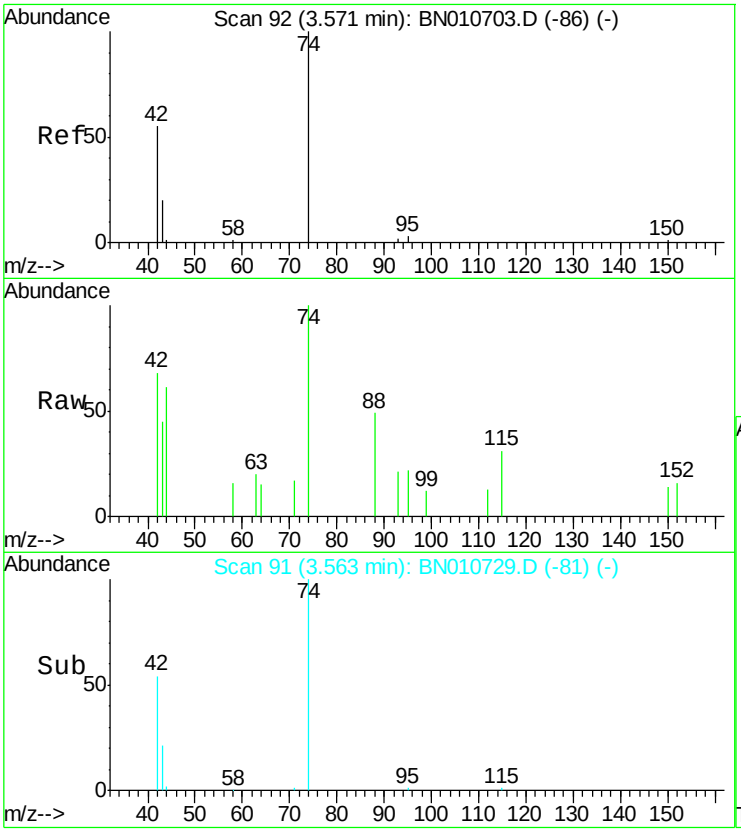


#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion: 88 Resp: 1284

Ion	Ratio	Lower	Upper
88	100		
58	46.3	39.0	58.6
43	17.5	13.1	19.7



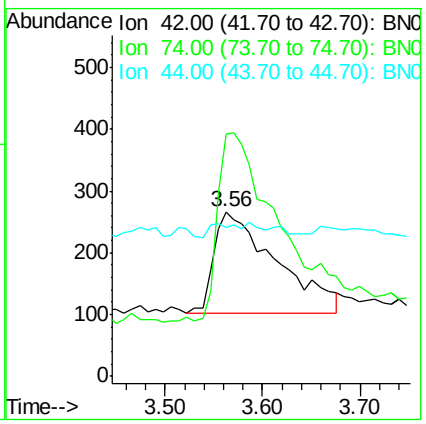


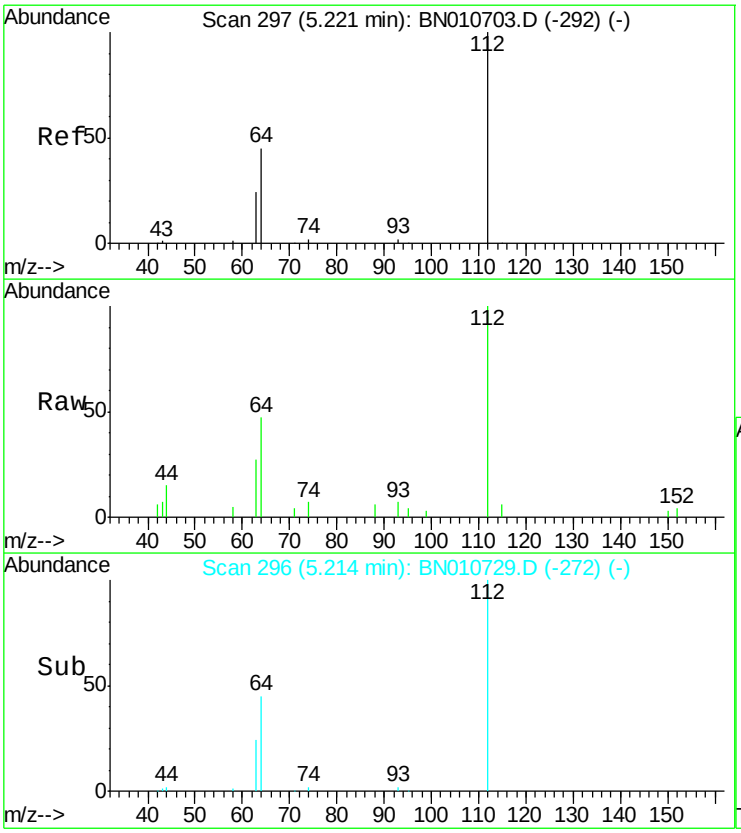
#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.56 min Scan# 91
Delta R.T. -0.02 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 724

Ion	Ratio	Lower	Upper
42	100		
74	190.3	146.2	219.2
44	3.9	3.0	4.4

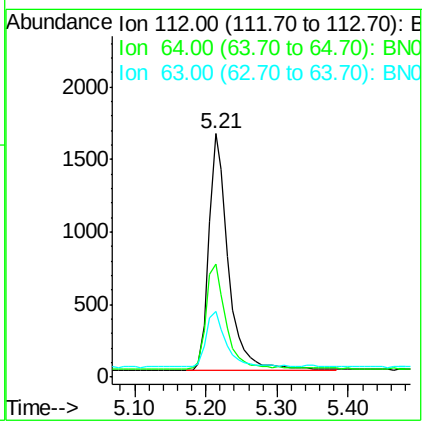


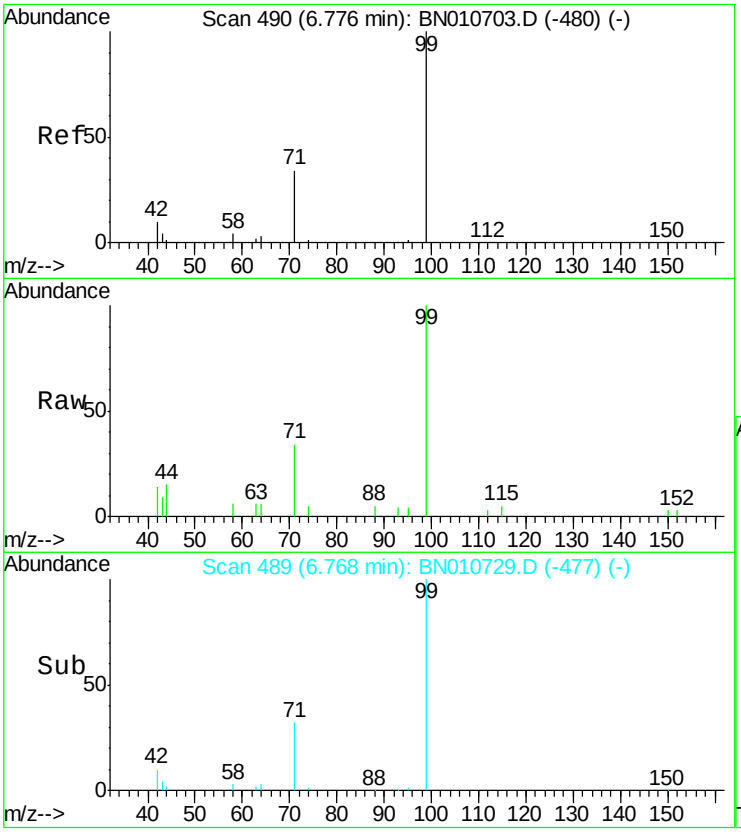


#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.21 min Scan# 296
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:112 Resp: 3096

Ion	Ratio	Lower	Upper
112	100		
64	46.1	36.2	54.4
63	23.7	19.8	29.8



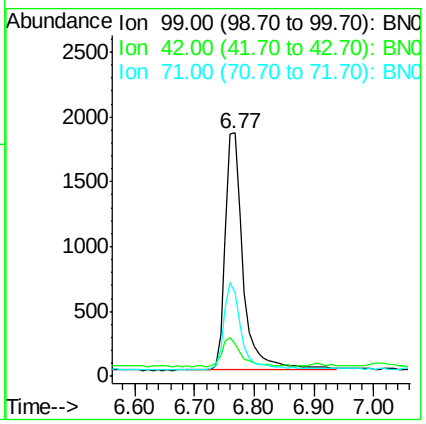


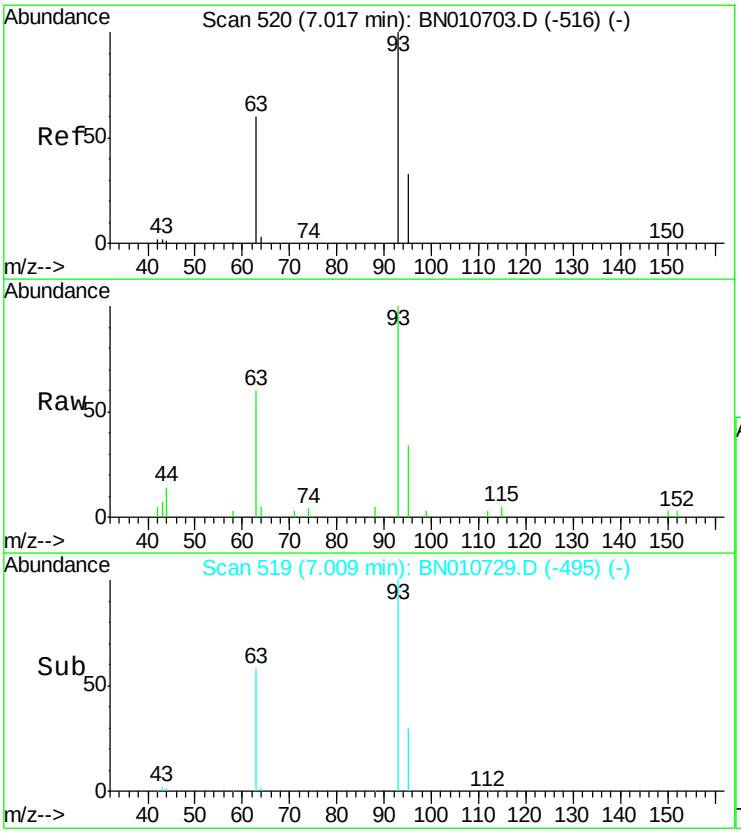
#5
Phenol-d6
Concen: 0.44 ng
RT: 6.77 min Scan# 489
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 3849

Ion	Ratio	Lower	Upper
99	100		
42	13.7	9.8	14.8
71	34.4	28.6	42.8

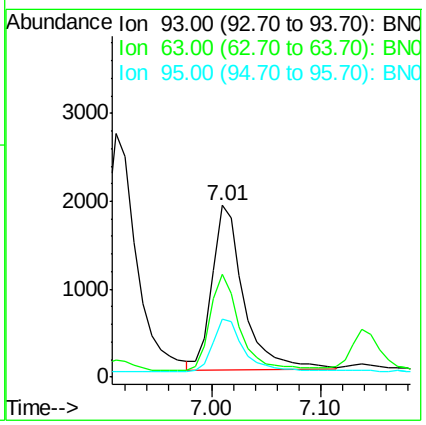


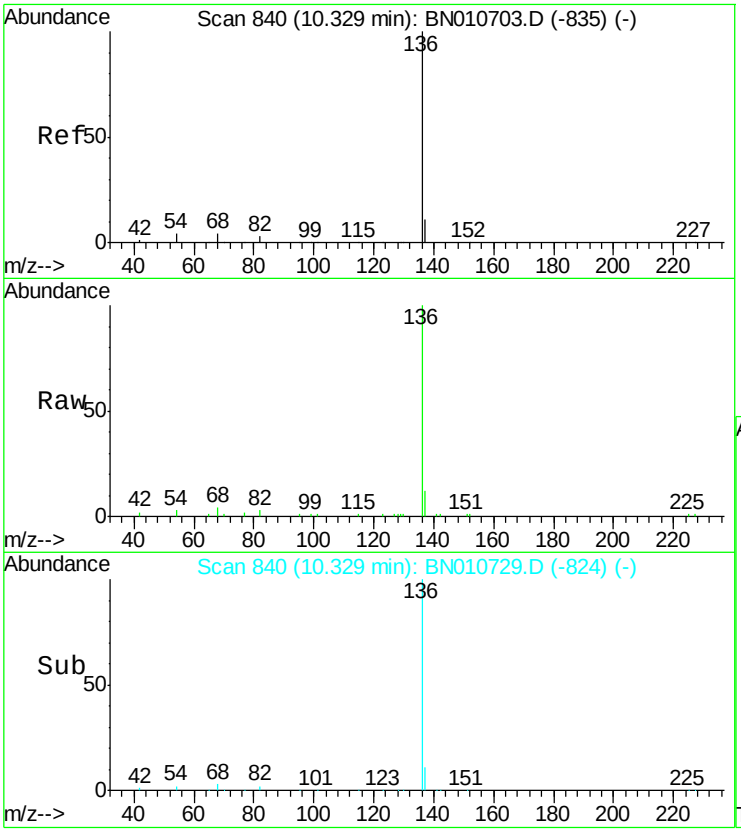


#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.01 min Scan# 519
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion: 93 Resp: 3827

Ion	Ratio	Lower	Upper
93	100		
63	55.0	43.1	64.7
95	31.6	24.6	37.0



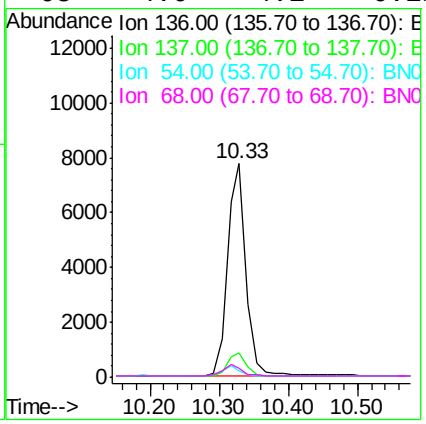


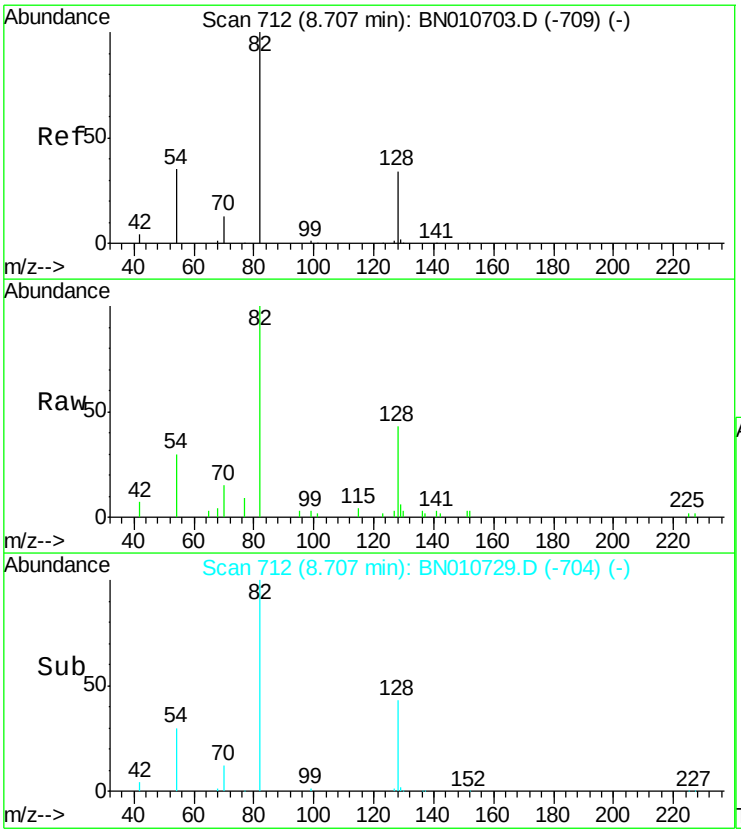
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 14519

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.2	3.6	5.4#
68	4.0	4.1	6.1#

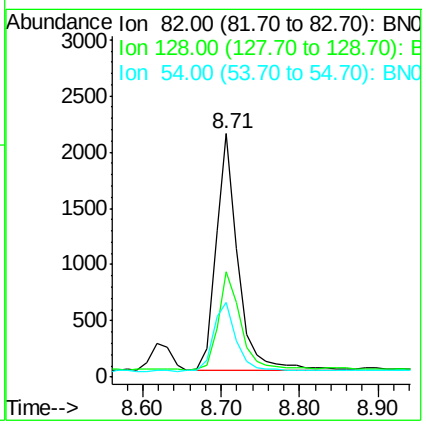


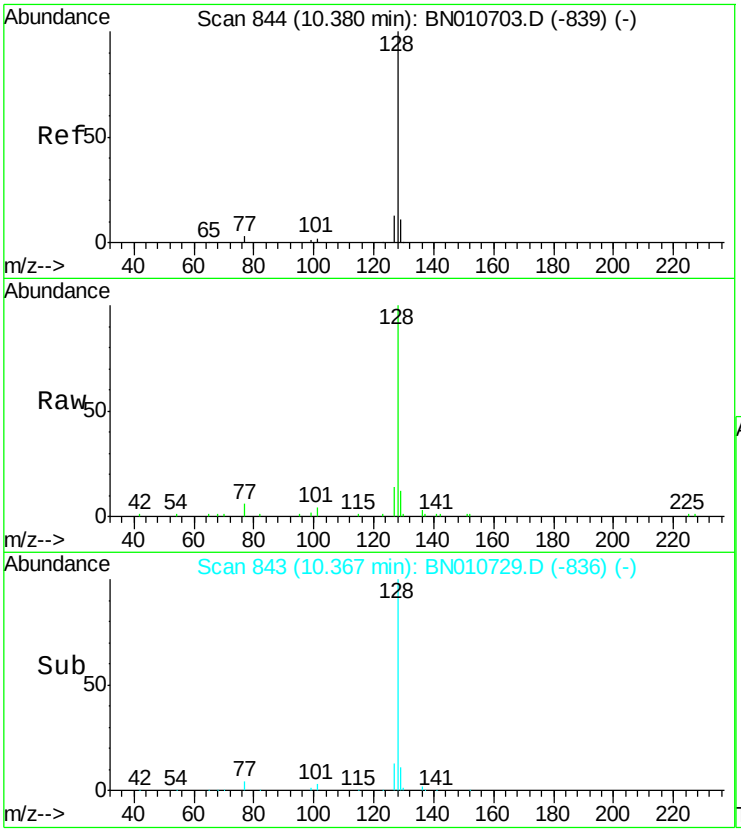


#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion: 82 Resp: 4043

Ion	Ratio	Lower	Upper
82	100		
128	43.0	29.0	43.4
54	30.4	29.3	43.9



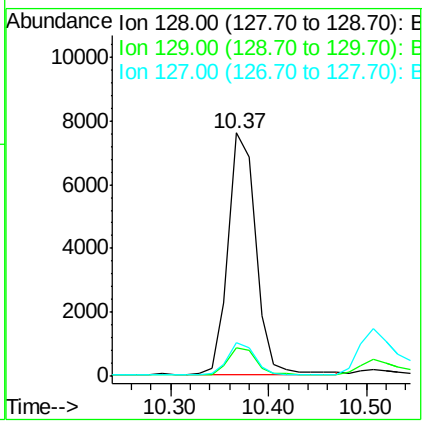


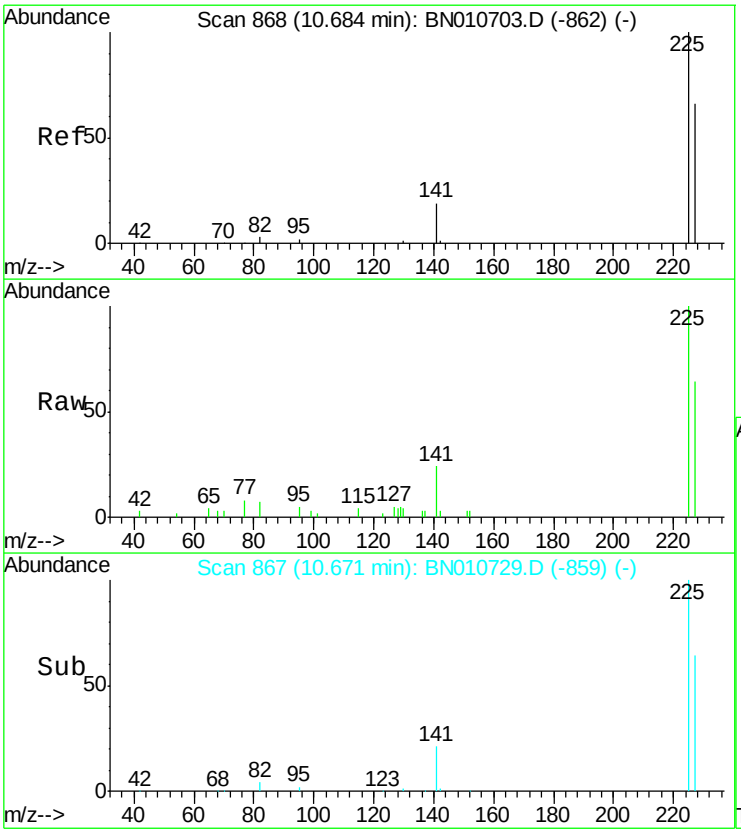
#9
Naphthalene
Concen: 0.40 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 14611

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	14.1	11.0	16.6

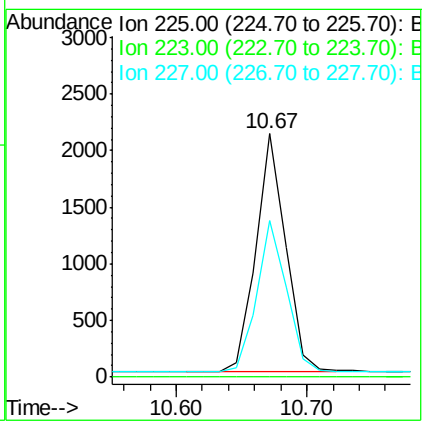


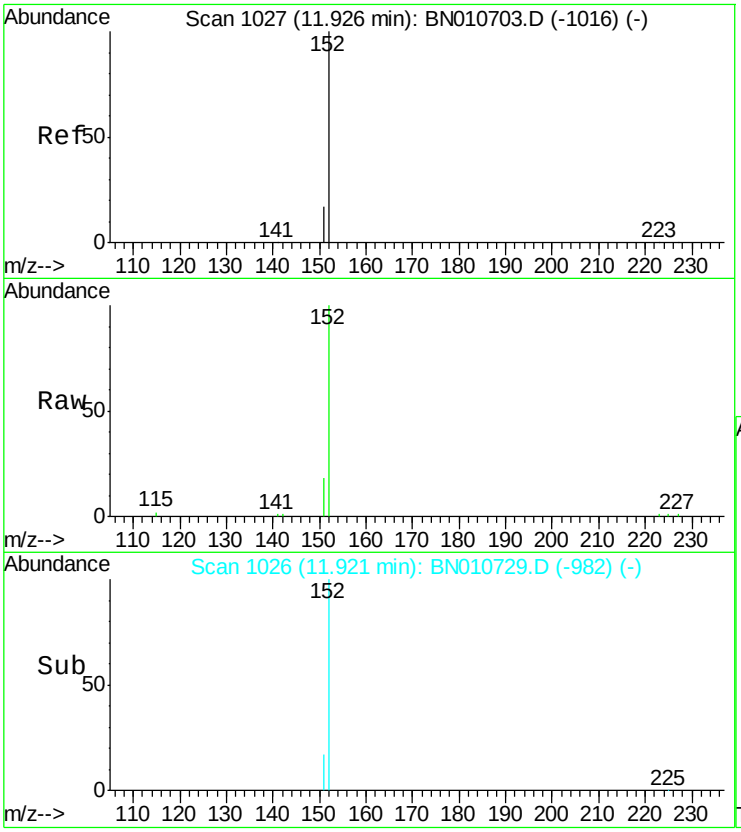


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:225 Resp: 3288

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.7	76.1



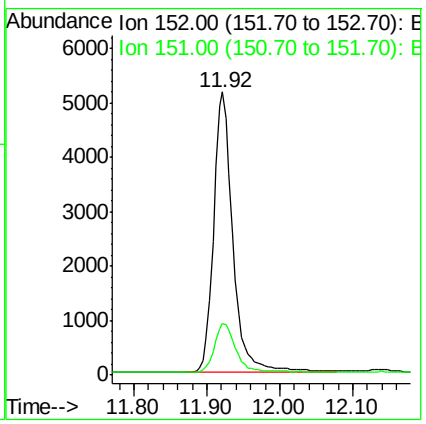


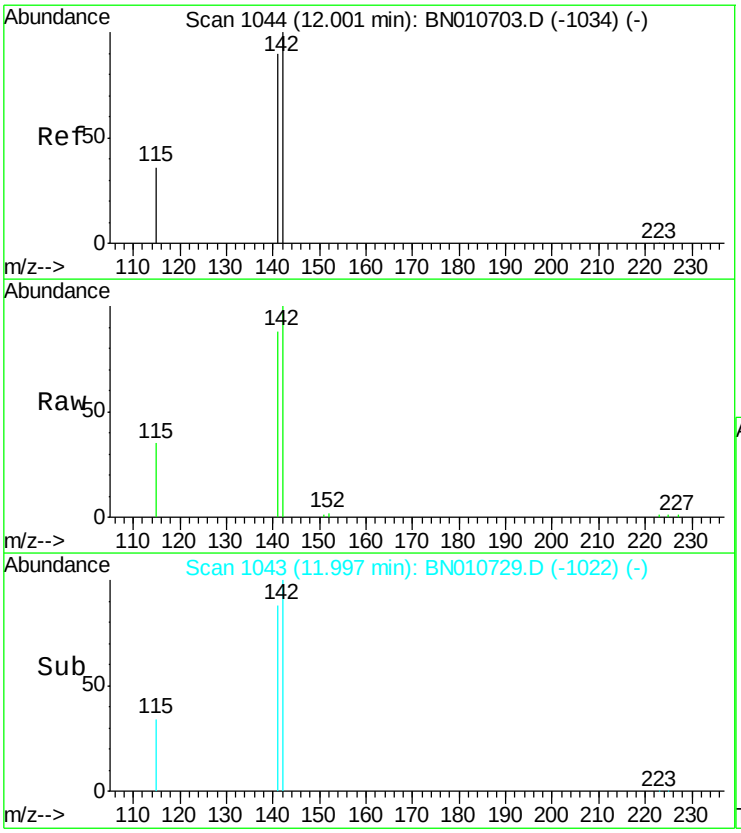
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 11.92 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9493

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.6

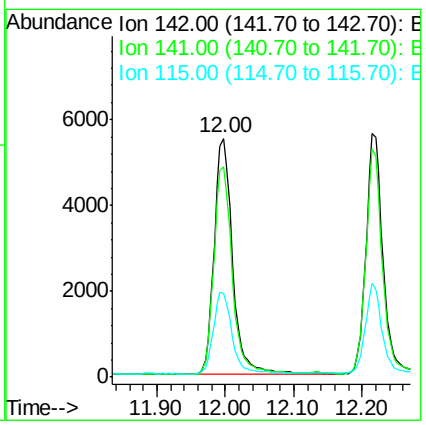


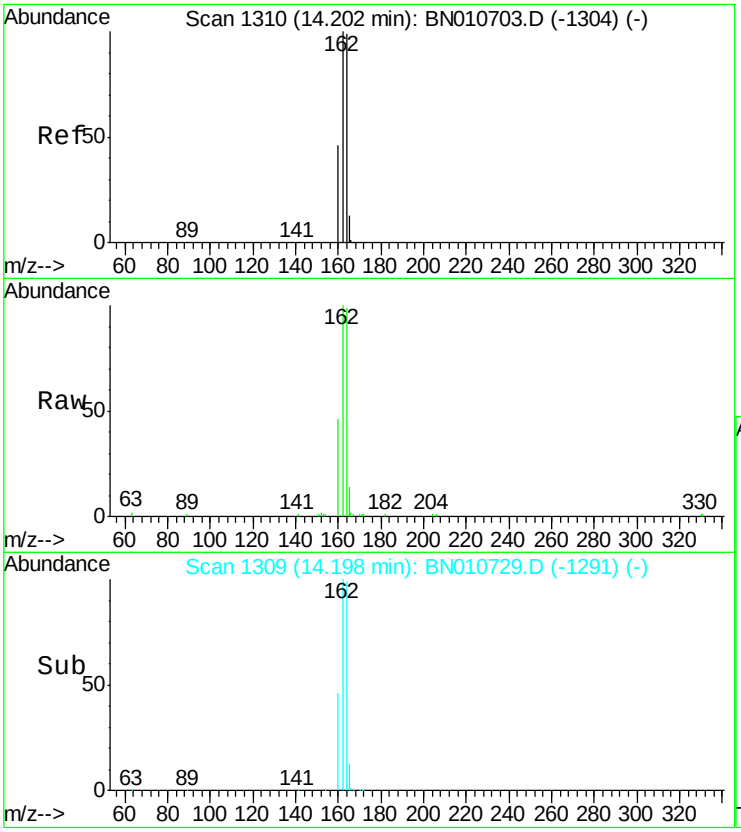


#12
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:142 Resp: 10392

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.7	107.5
115	35.1	29.8	44.6



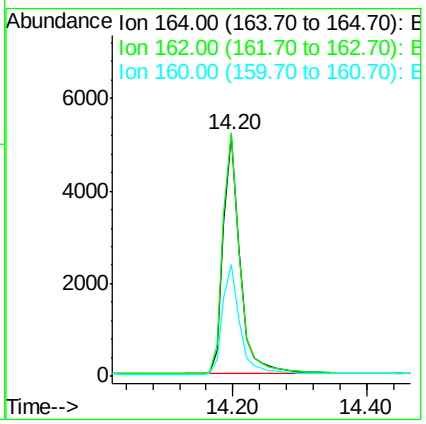


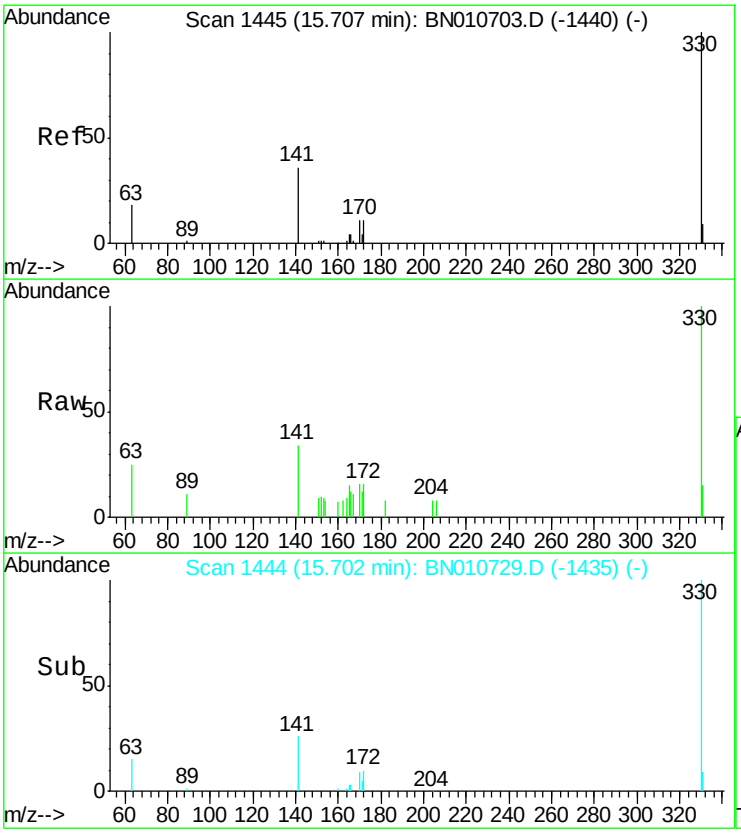
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.20 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9096

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.1	121.7
160	46.5	37.9	56.9

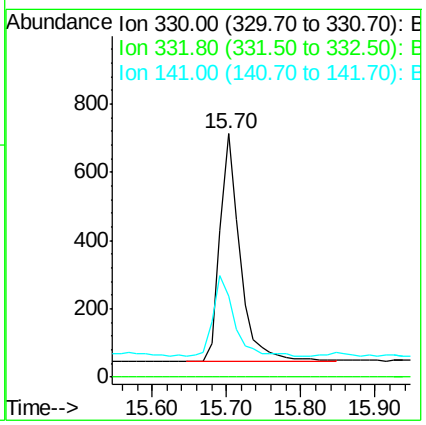


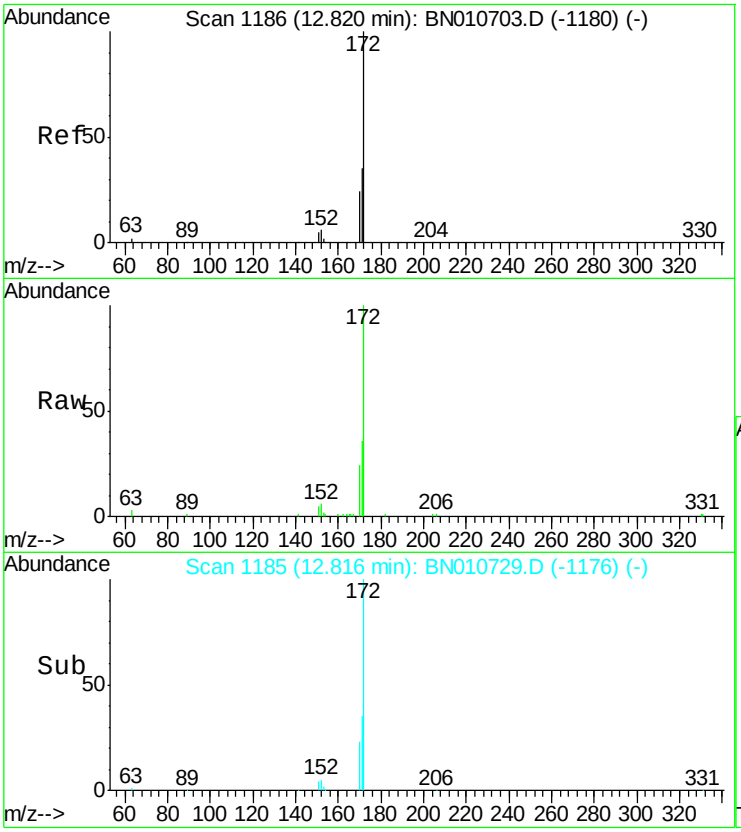


#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.70 min Scan# 1444
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:330 Resp: 1267

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.4	28.8	43.2



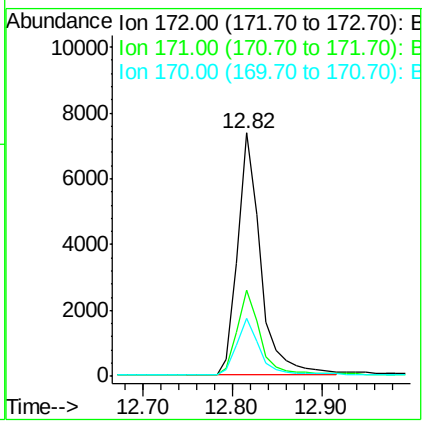


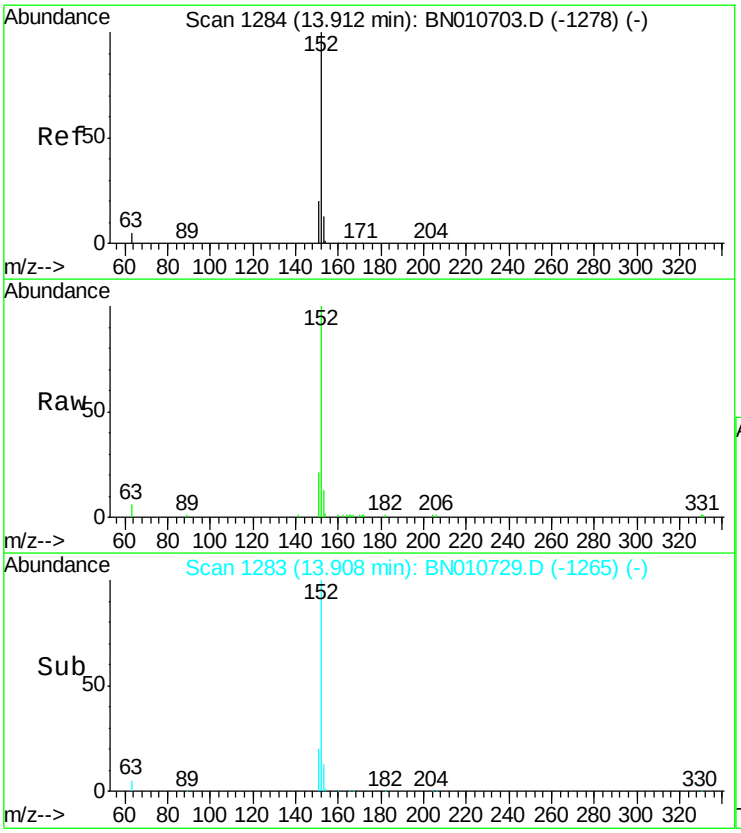
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.82 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 13170

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	42.8
170	23.7	19.8	29.8

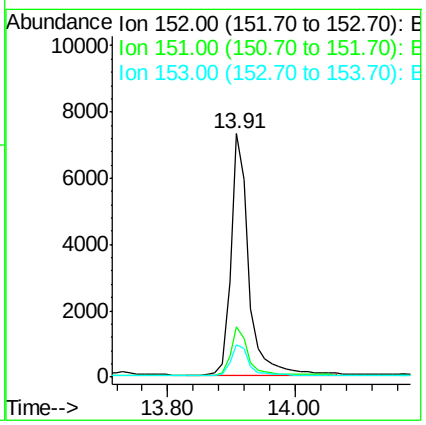


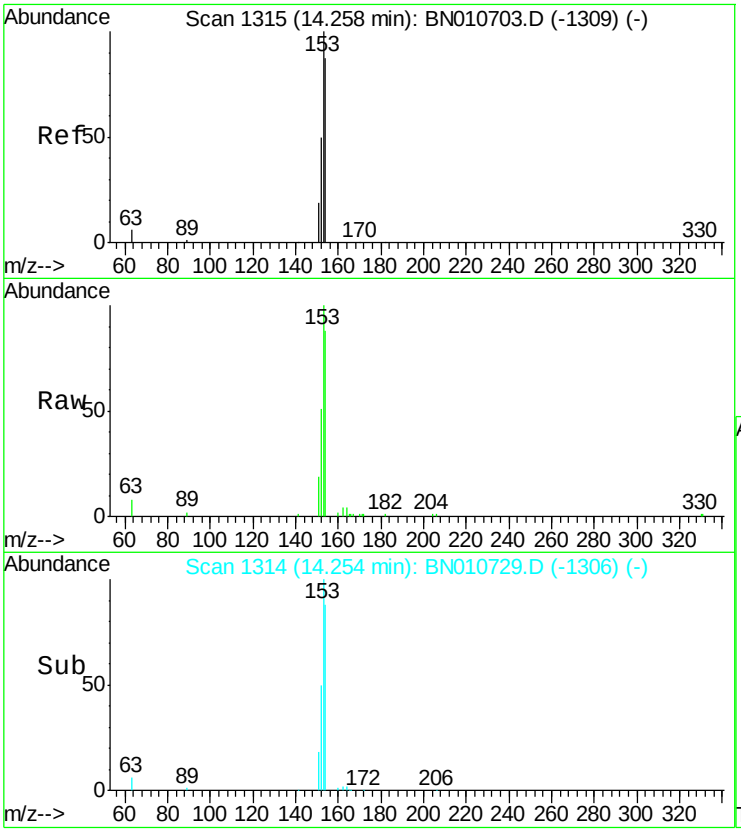


#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.91 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:152 Resp: 14133

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.1	10.4	15.6



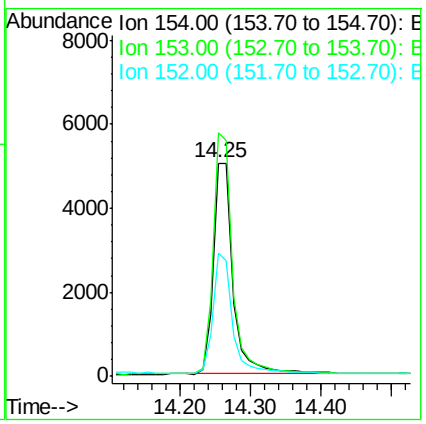


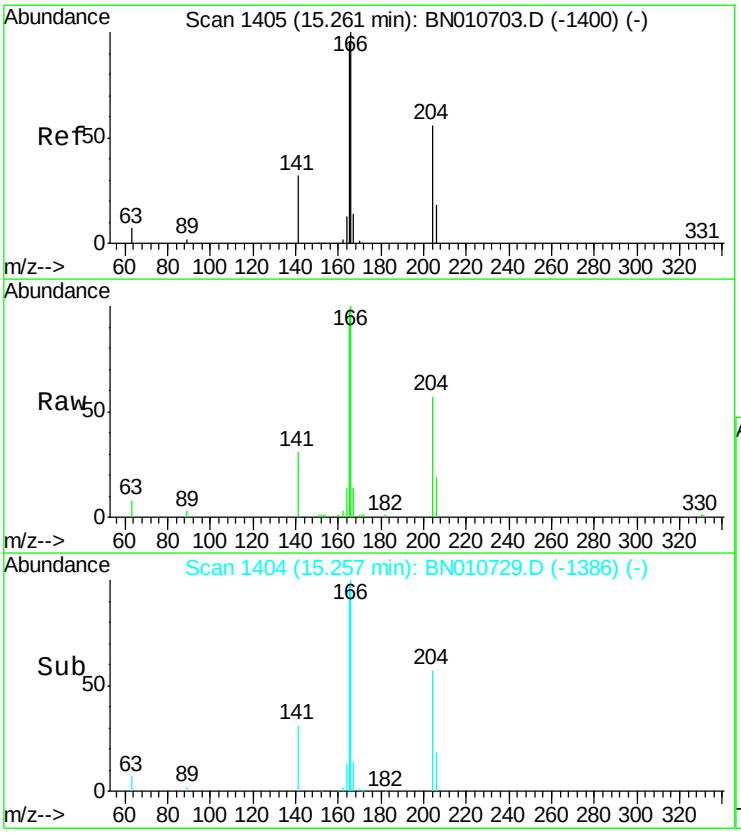
#17
Acenaphthene
Concen: 0.40 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 9992

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.5	137.3
152	56.0	45.6	68.4

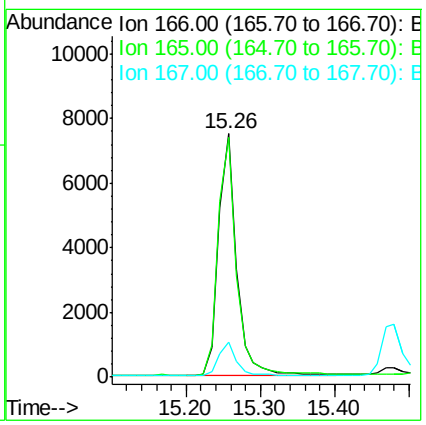


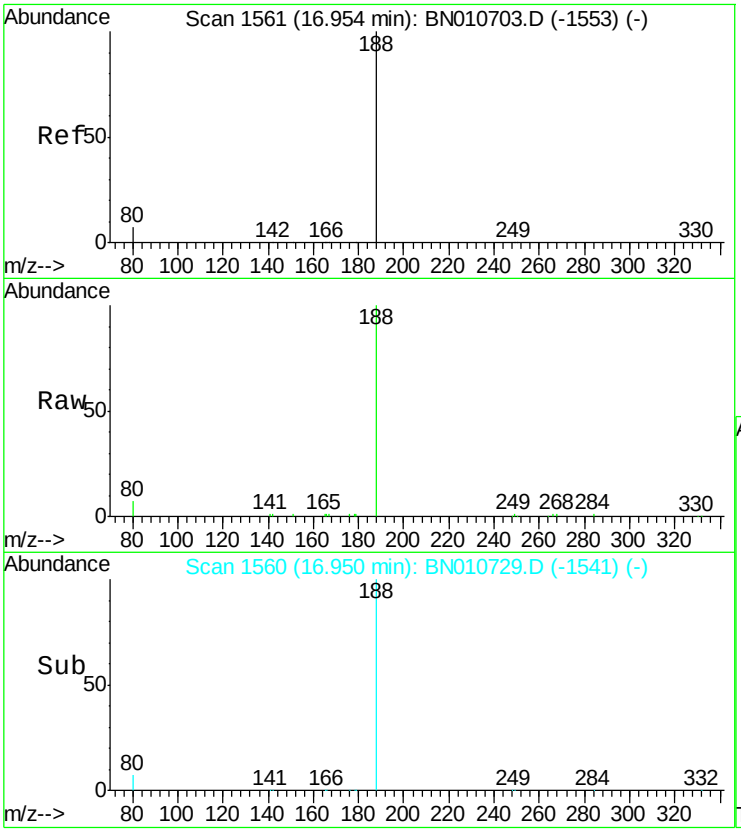


#18
Fluorene
Concen: 0.39 ng
RT: 15.26 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:166 Resp: 12710

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.9	116.9
167	13.4	11.0	16.4



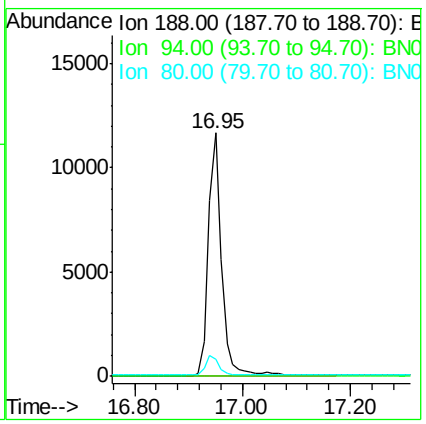


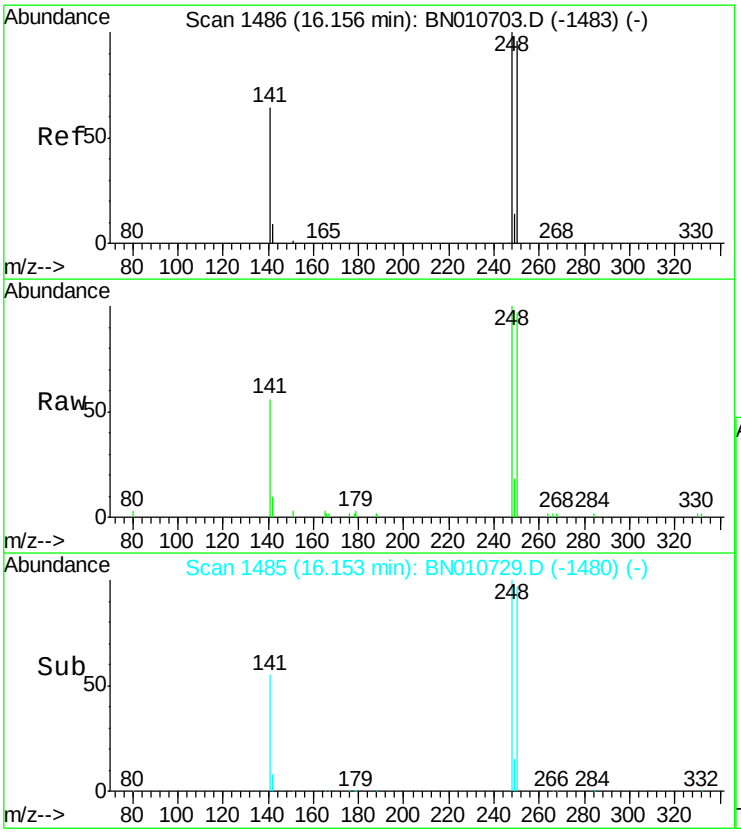
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.95 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 19717

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	6.3	9.5

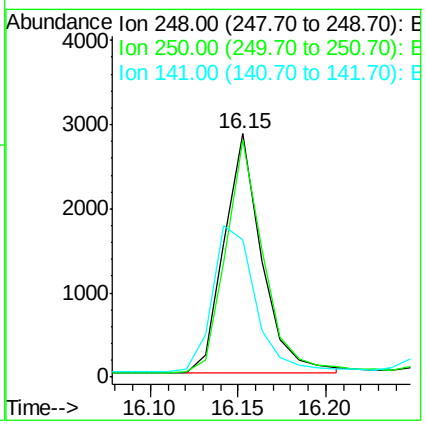


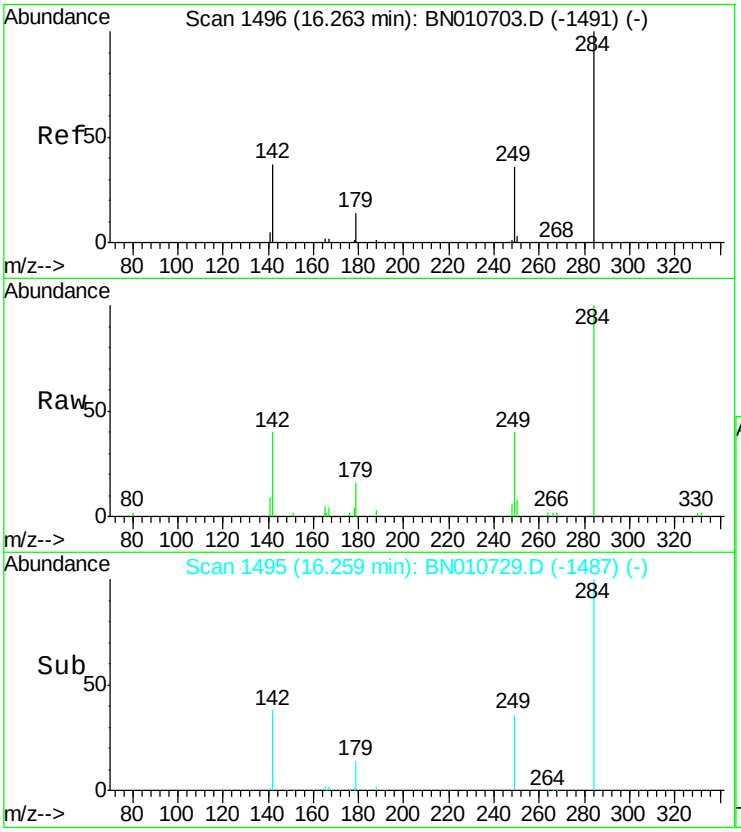


#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.15 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:248 Resp: 4197

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.0
141	56.3	53.1	79.7



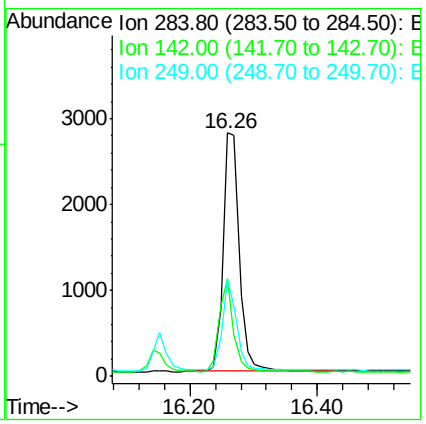


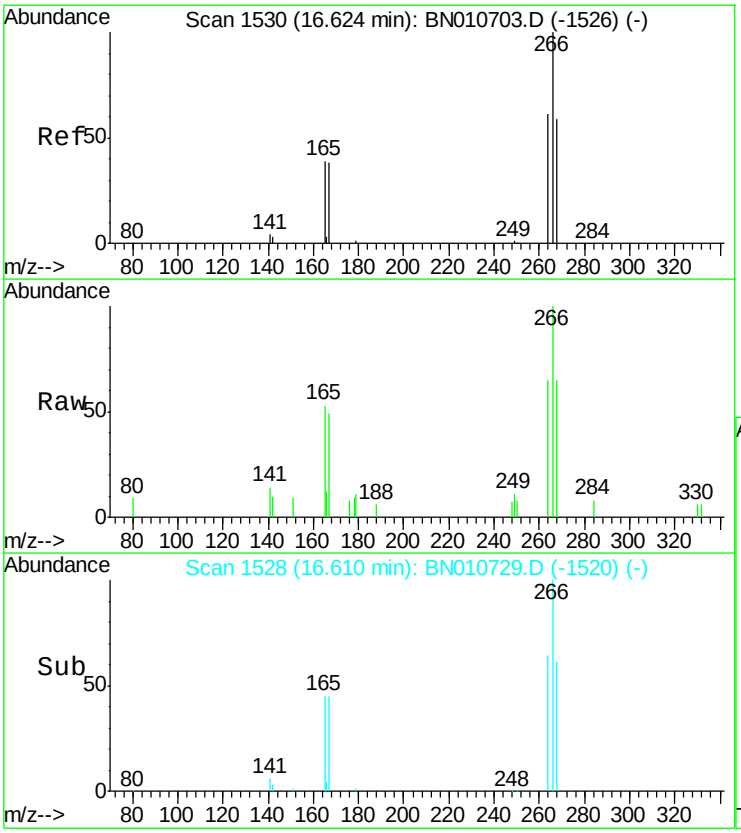
#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.26 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 4902

Ion	Ratio	Lower	Upper
284	100		
142	34.4	28.2	42.2
249	33.0	26.4	39.6

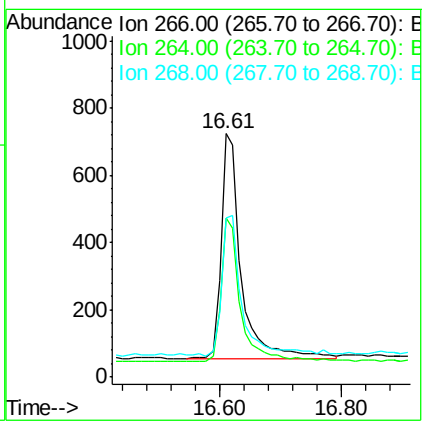


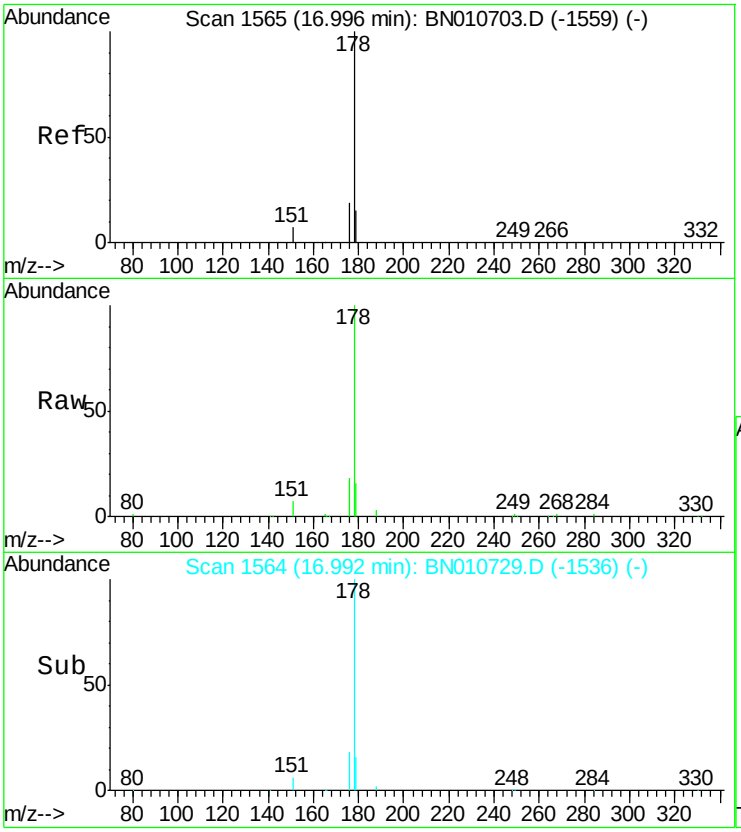


#22
Pentachlorophenol
Concen: 0.38 ng
RT: 16.61 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:266 Resp: 1539

Ion	Ratio	Lower	Upper
266	100		
264	65.5	51.1	76.7
268	65.2	52.1	78.1



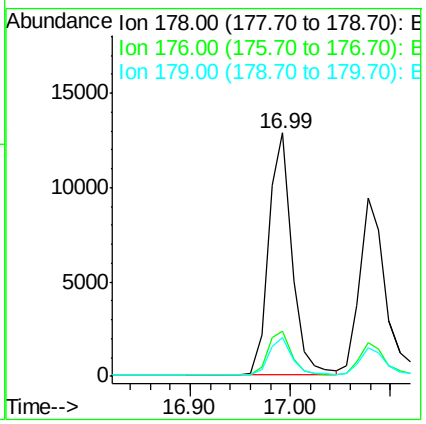


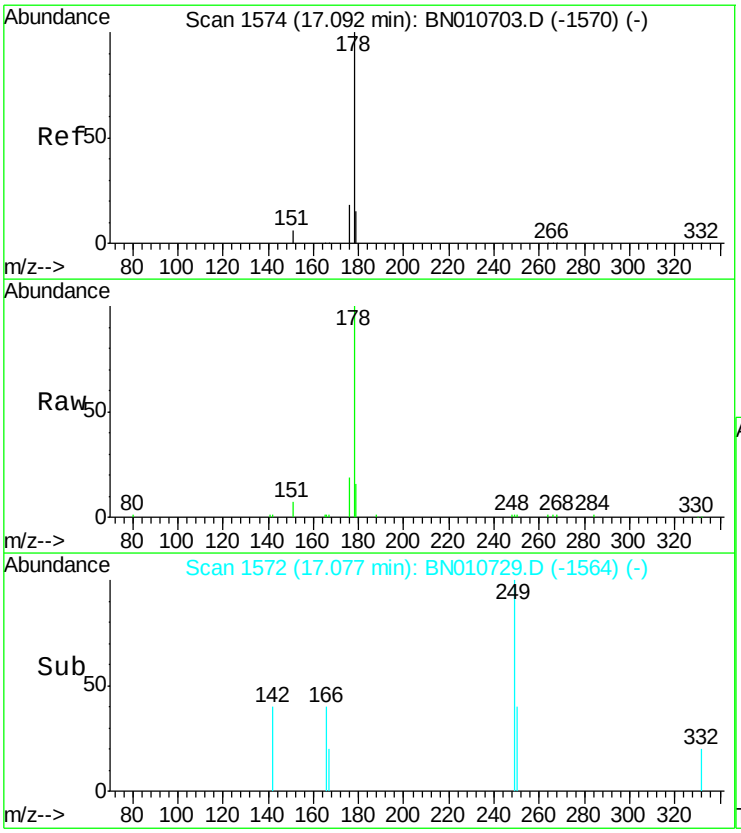
#23
Phenanthrene
Concen: 0.39 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 20673

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.2	18.4

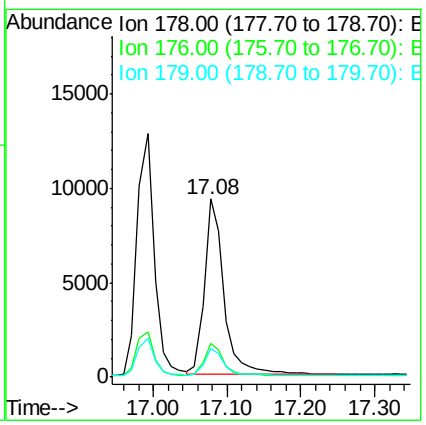


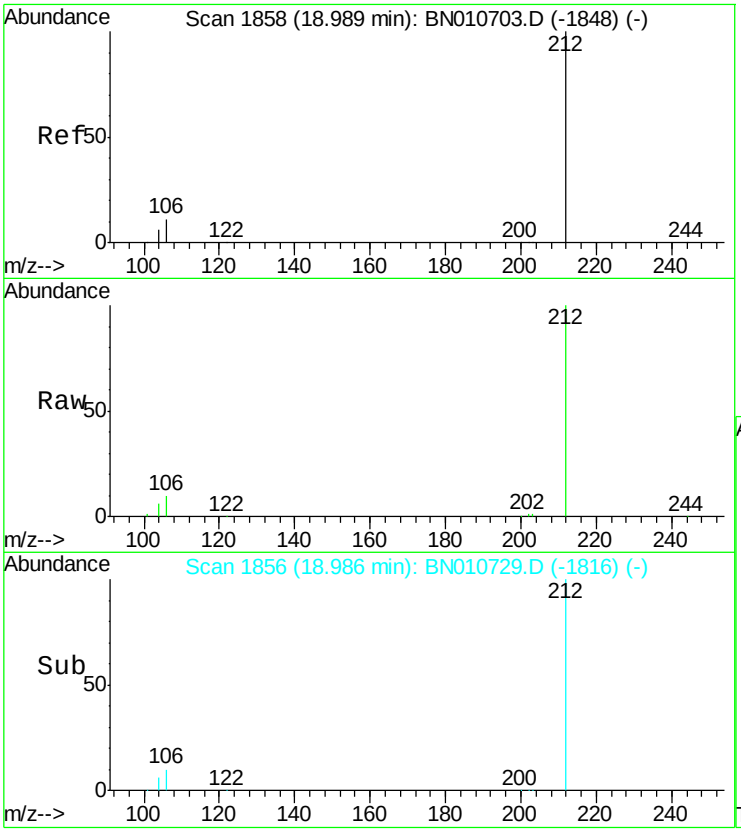


#24
Anthracene
Concen: 0.38 ng
RT: 17.08 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:178 Resp: 17016

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.1	12.3	18.5



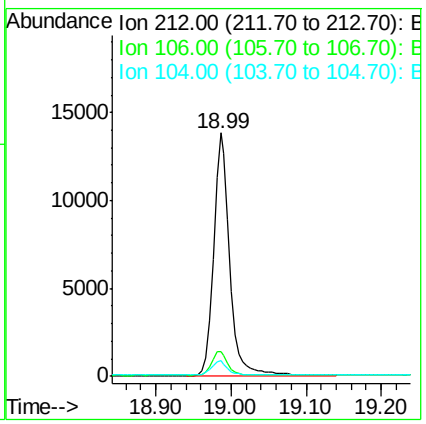


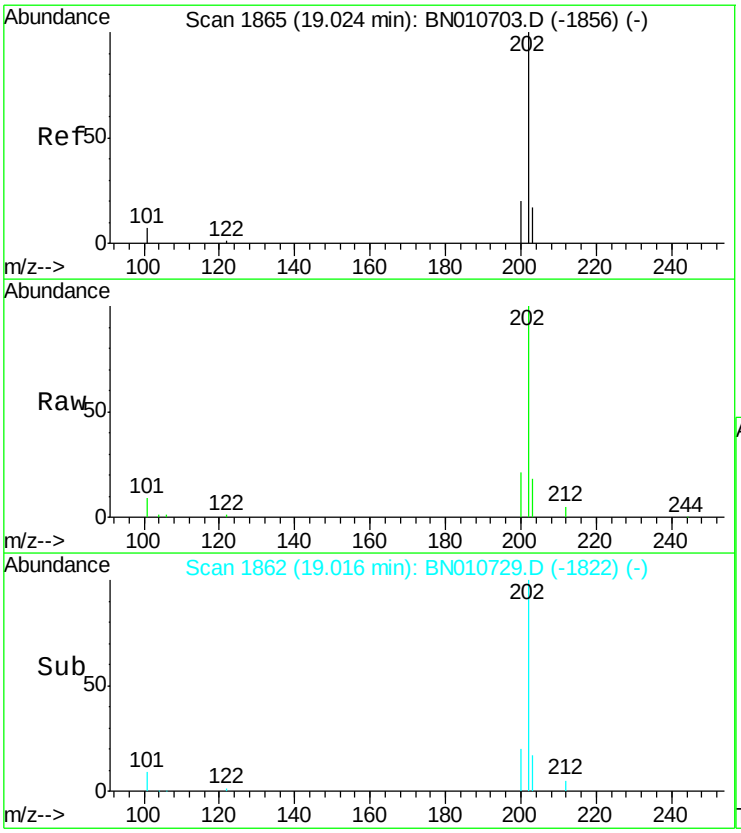
#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.99 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 20836

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.8	4.7	7.1

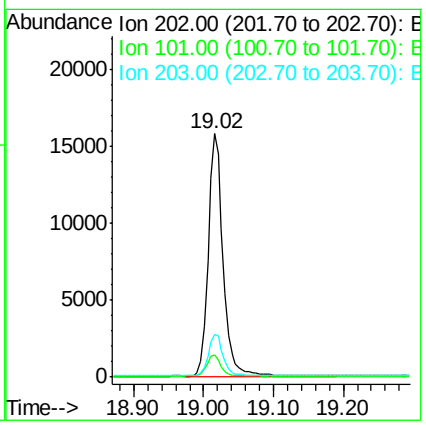


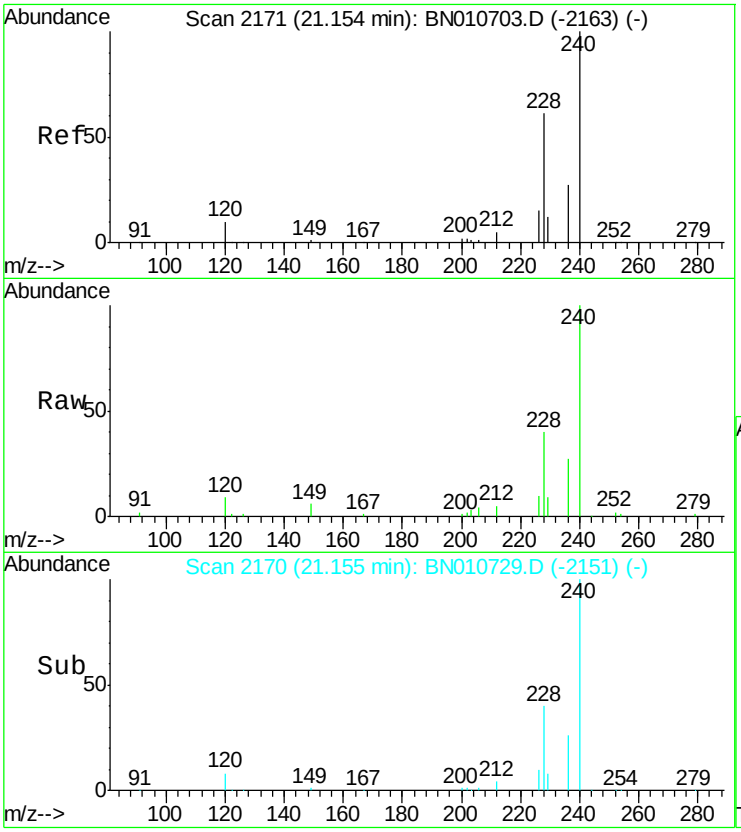


#26
Fluoranthene
Concen: 0.39 ng
RT: 19.02 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:202 Resp: 23294

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
203	17.1	13.4	20.0



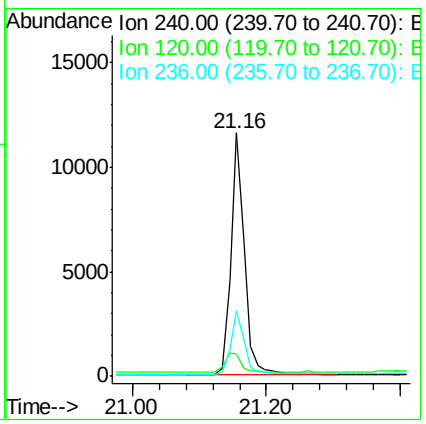


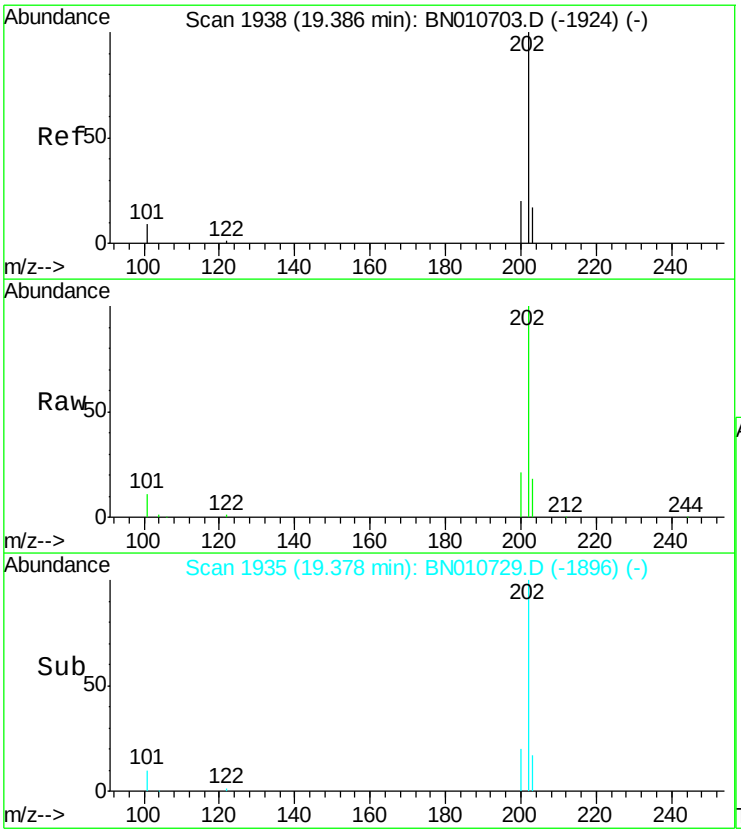
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.16 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 16345

Ion	Ratio	Lower	Upper
240	100		
120	9.3	9.5	14.3#
236	27.2	22.5	33.7

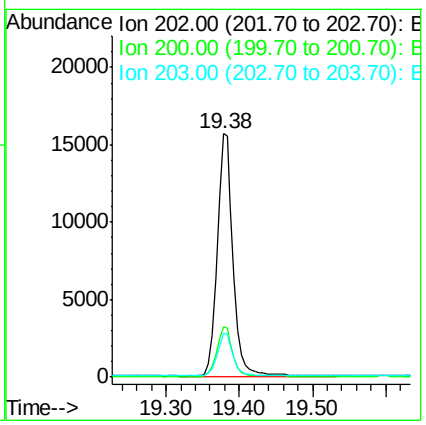


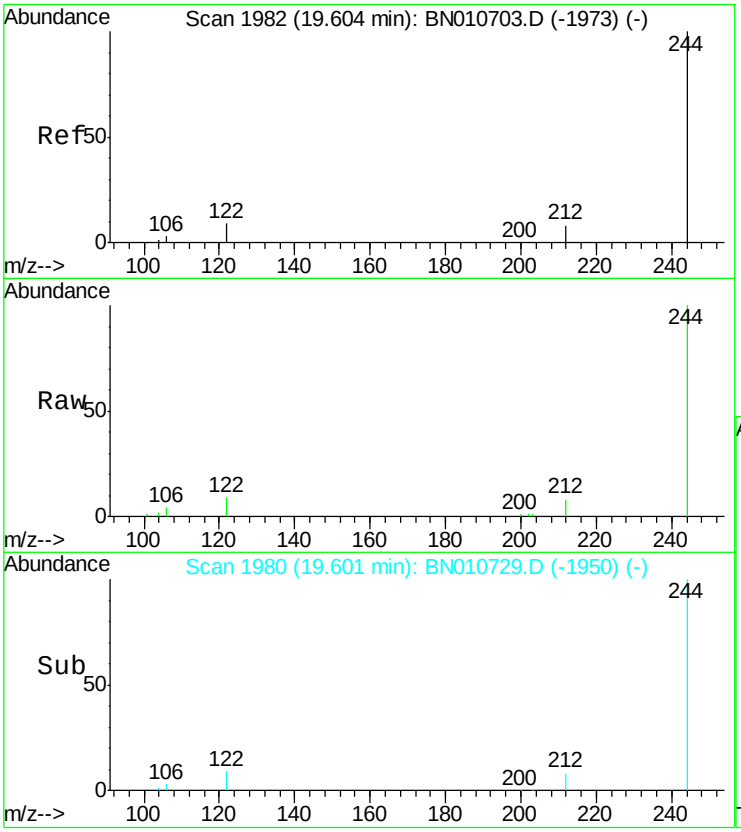


#28
Pyrene
Concen: 0.40 ng
RT: 19.38 min Scan# 1935
Delta R.T. -0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:202 Resp: 23282

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	17.3	14.1	21.1



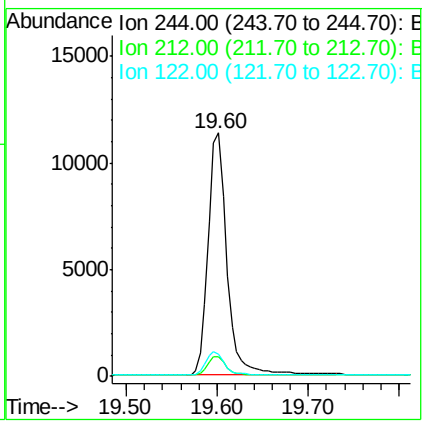


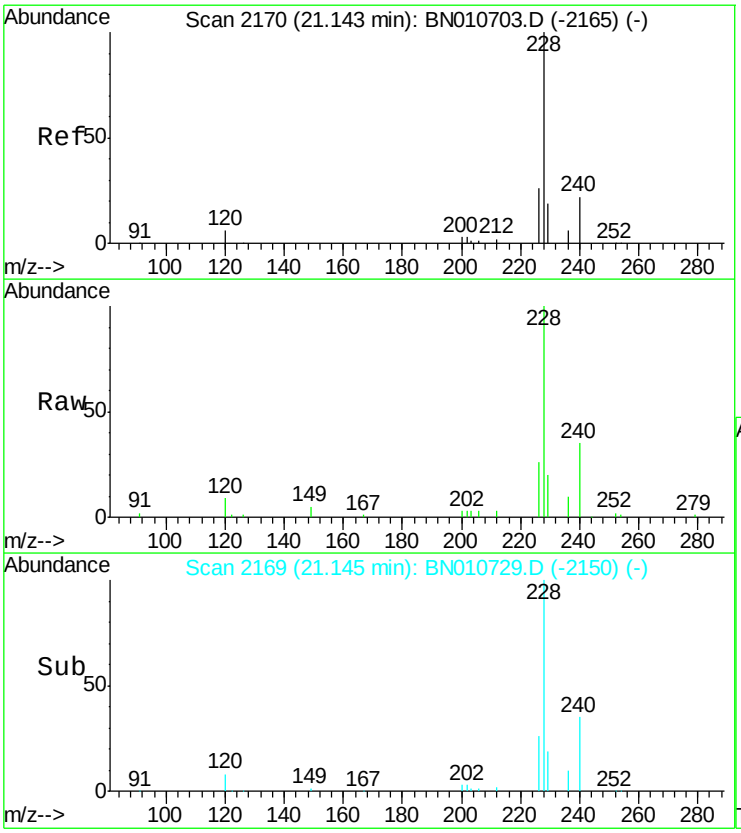
#29
Terphenyl-d14
Concen: 0.42 ng
RT: 19.60 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 16195

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.8	10.2
122	9.0	8.1	12.1

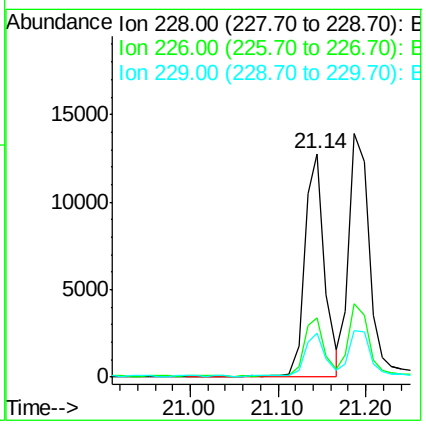


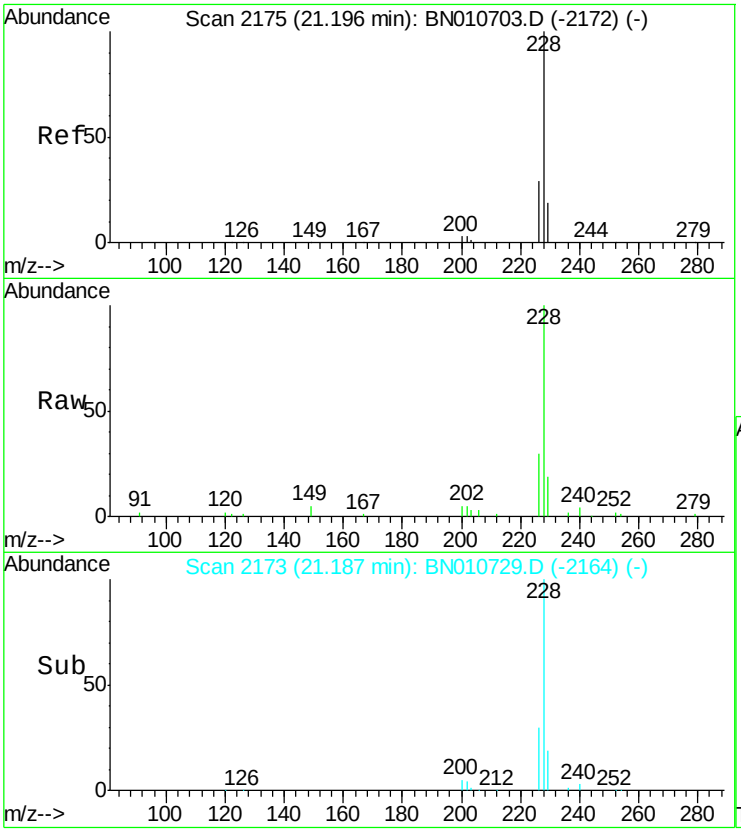


#30
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.14 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:228 Resp: 19839

Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.3	31.9
229	19.6	16.0	24.0



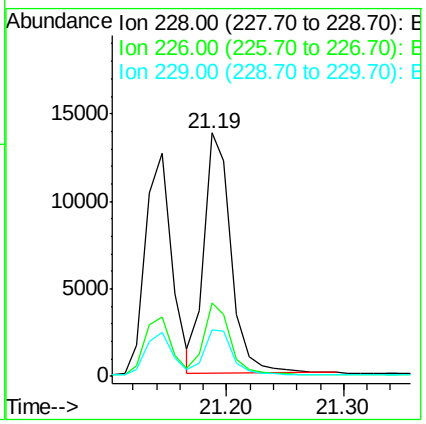


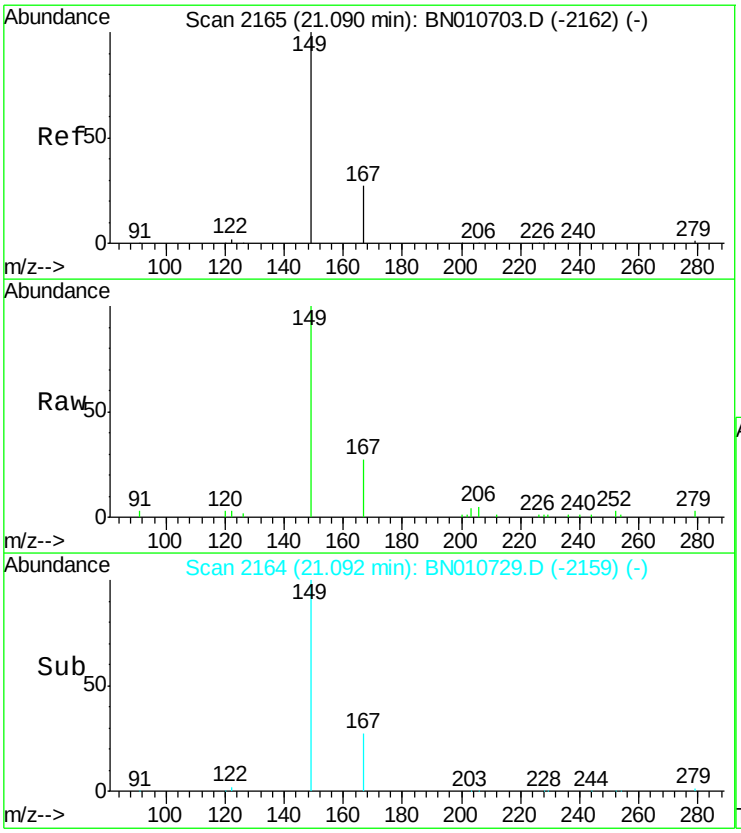
#31
Chrysene
Concen: 0.41 ng
RT: 21.19 min Scan# 2173
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 22201

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	19.2	16.1	24.1

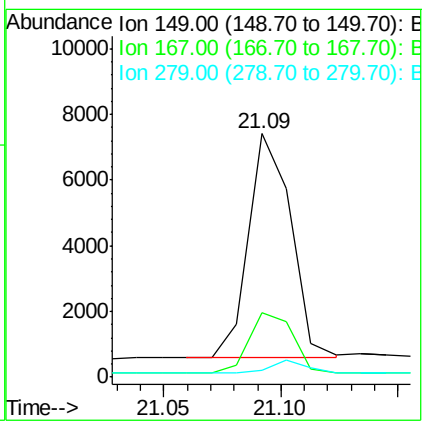


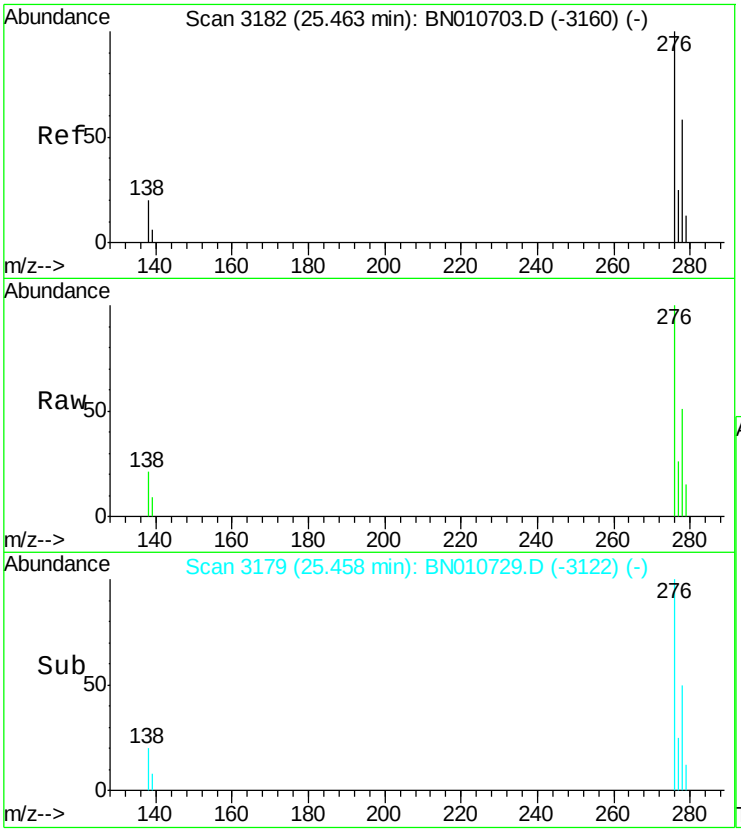


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.41 ng
RT: 21.09 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:149 Resp: 8628

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.5	33.7
279	4.7	4.1	6.1



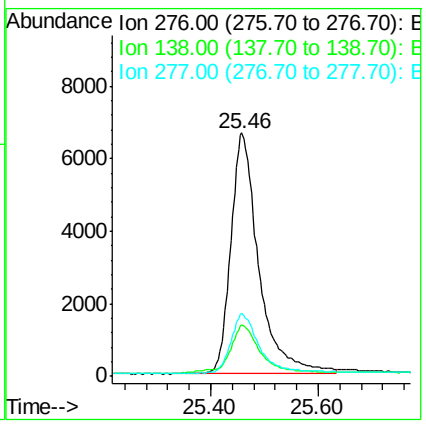


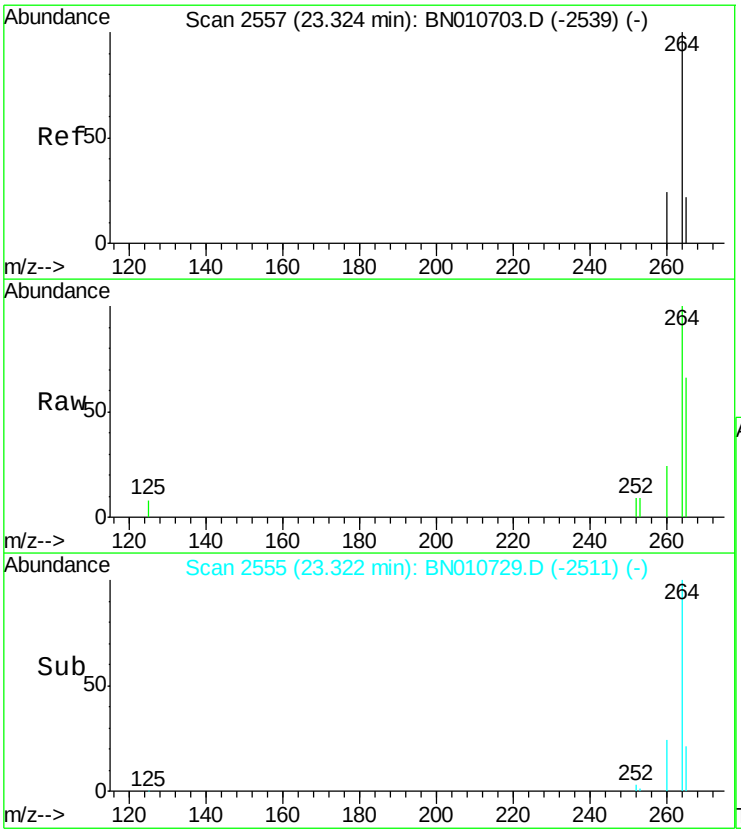
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.50 ng
RT: 25.46 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 24010

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.1	22.7
277	24.0	19.4	29.0

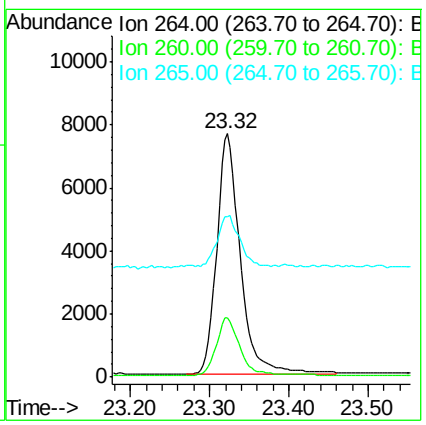


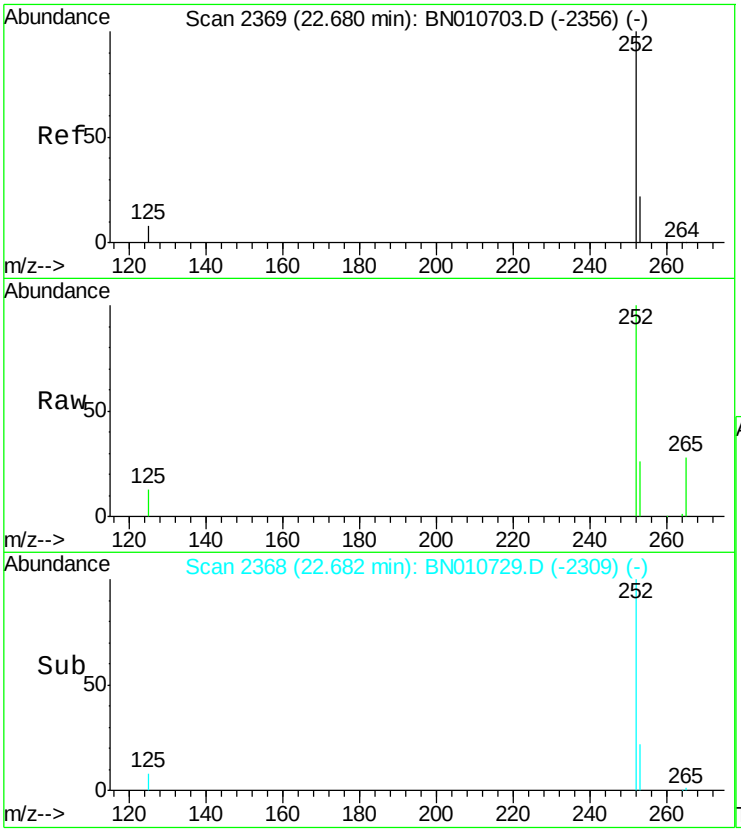


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.32 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:264 Resp: 15720

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	66.0	70.1	105.1#



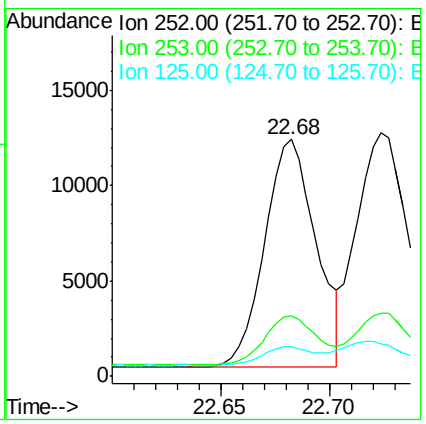


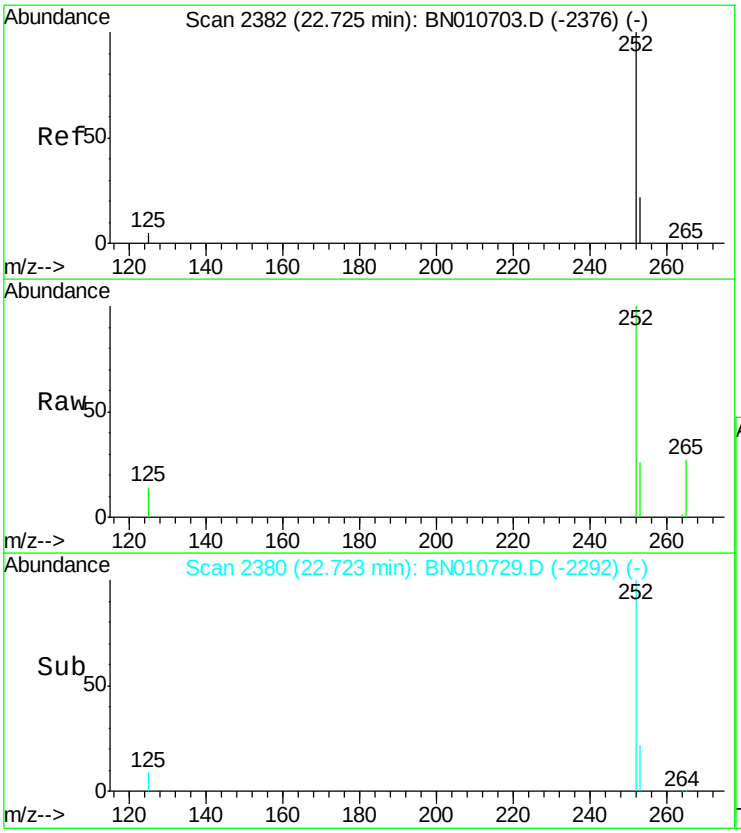
#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 22.68 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19683

Ion	Ratio	Lower	Upper
252	100		
253	25.8	22.0	33.0
125	12.6	10.8	16.2

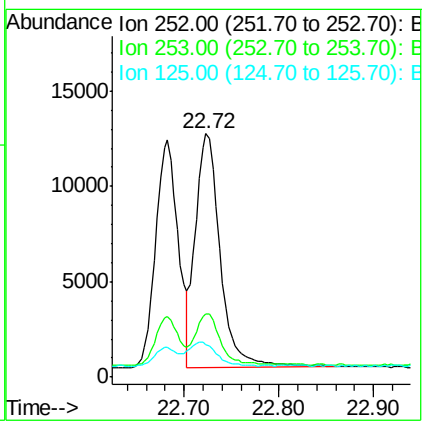


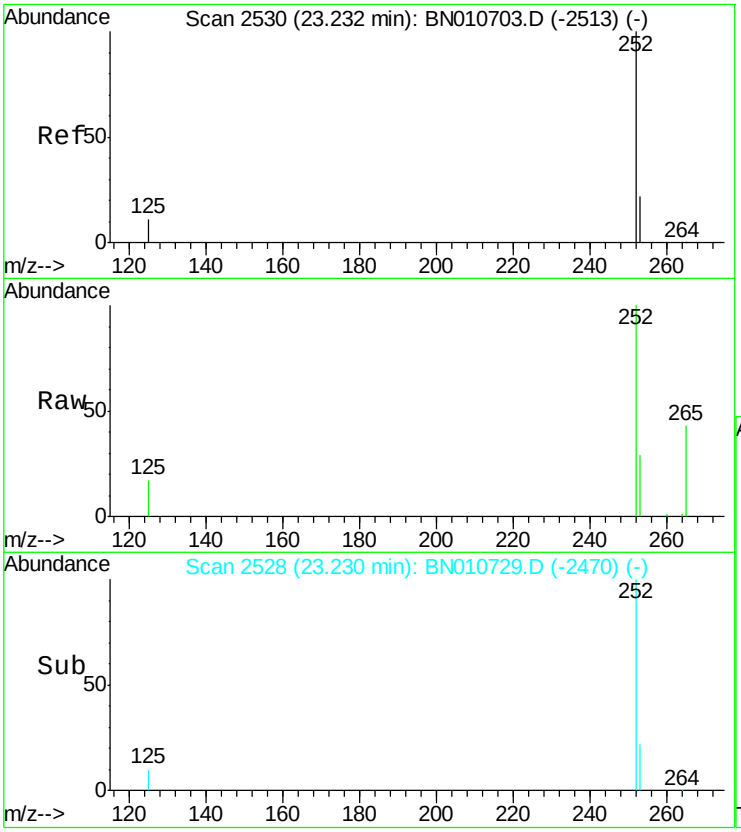


#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 22.72 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:252 Resp: 22107

Ion	Ratio	Lower	Upper
252	100		
253	26.2	21.9	32.9
125	13.5	11.1	16.7



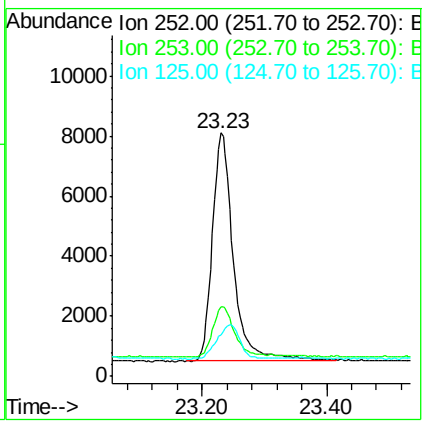


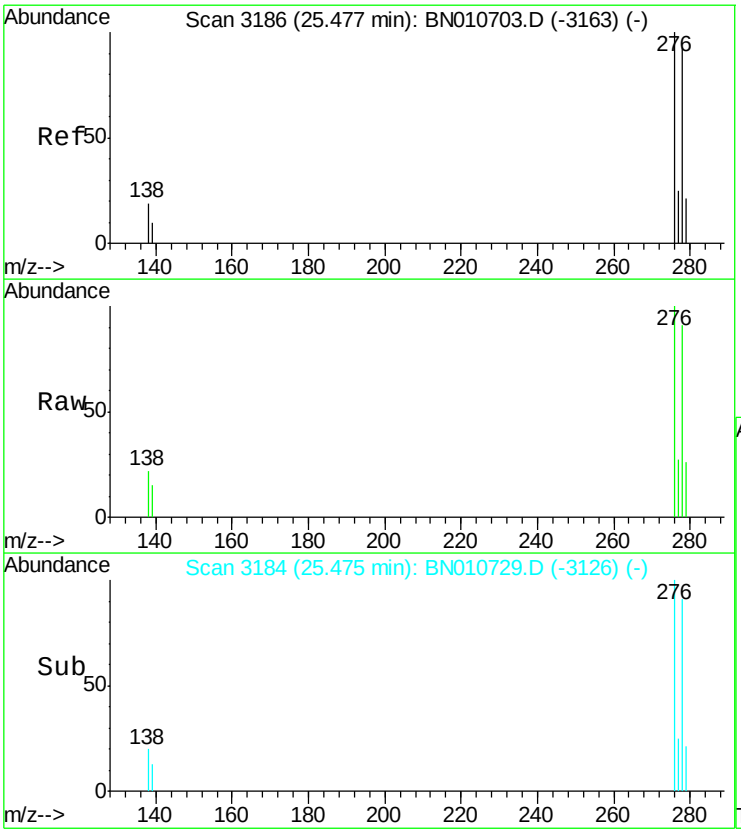
#37
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.23 min Scan# 2528
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 17881

Ion	Ratio	Lower	Upper
252	100		
253	28.7	24.8	37.2
125	17.1	15.8	23.6

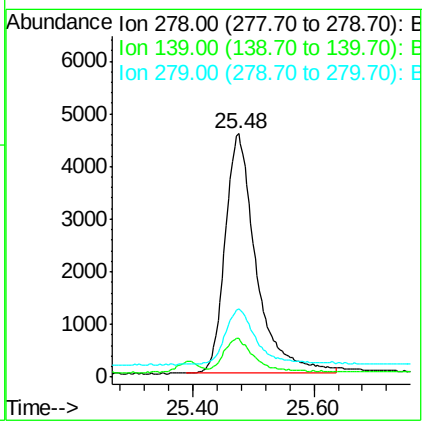


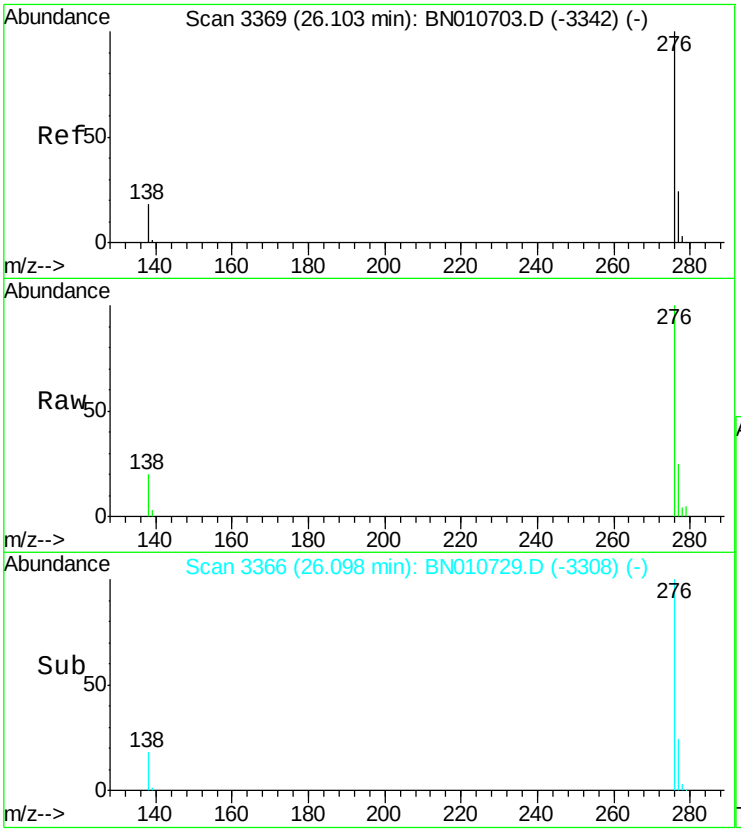


#38
Dibenzo(a,h)anthracene
Concen: 0.42 ng
RT: 25.48 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Tgt Ion:278 Resp: 16313

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.4
279	28.0	25.1	37.7





#39
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.10 min Scan# 3366
Delta R.T. 0.00 min
Lab File: BN010729.D
Acq: 15 May 2020 15:14

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 19013

Ion	Ratio	Lower	Upper
276	100		
277	25.4	20.6	30.8
138	20.0	16.0	24.0