Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
Data File : BN010695.D
Acq On : 12 May 2020 11:57
Operator : CG/JU
Sample : PB128768BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128768BS

Quant Time: May 12 12:28:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	4405	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	17459	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	10840	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	23087	0.40	ng		0.00
27) Chrysene-d12	21.16	240	18751	0.40	ng		0.00
34) Perylene-d12	23.33	264	17124	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	2638	0.27	ng		0.00
5) Phenol-d6	6.78	99	3149	0.25	ng		0.00
8) Nitrobenzene-d5	8.71	82	3449	0.28	ng		-0.01
11) 2-Methylnaphthalene-d10	11.93	152	10843	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	905	0.18	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	11186	0.28	ng		0.00
25) Fluoranthene-d10	18.99	212	15269	0.22	ng		0.00
29) Terphenyl-d14	19.61	244	11451	0.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1028	0.32	ng	#	88
3) n-Nitrosodimethylamine	3.55	42	944	0.45	ng	#	90
6) bis(2-Chloroethyl)ether	7.02	93	4300	0.39	ng		98
9) Naphthalene	10.38	128	16770	0.39	ng		100
10) Hexachlorobutadiene	10.68	225	3655	0.35	ng	#	99
12) 2-Methylnaphthalene	12.00	142	12003	0.39	ng		98
16) Acenaphthylene	13.91	152	16240	0.35	ng		100
17) Acenaphthene	14.26	154	11117	0.37	ng		100
18) Fluorene	15.26	166	14217	0.36	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	4367	0.34	ng	#	85
21) Hexachlorobenzene	16.27	284	5557	0.38	ng		98
22) Pentachlorophenol	16.62	266	3221	0.56	ng		96
23) Phenanthrene	17.00	178	22275	0.36	ng		100
24) Anthracene	17.09	178	18470	0.32	ng		100
26) Fluoranthene	19.02	202	24204	0.31	ng		99
28) Pyrene	19.39	202	24012	0.38	ng		99
30) Benzo(a)anthracene	21.14	228	19343	0.32	ng		100
31) Chrysene	21.20	228	21653	0.36	ng		100
32) Bis(2-ethylhexyl)phthalate	21.10	149	7928	0.25	ng		99
33) Indeno(1,2,3-cd)pyrene	25.47	276	19107	0.35	ng		99
35) Benzo(b)fluoranthene	22.69	252	19797	0.35	ng		98
36) Benzo(k)fluoranthene	22.73	252	21608	0.38	ng		99
37) Benzo(a)pyrene	23.24	252	17989	0.36	ng		98
38) Dibenzo(a,h)anthracene	25.48	278	14718	0.32	ng		98
39) Benzo(g,h,i)perylene	26.11	276	18166	0.40	ng		99

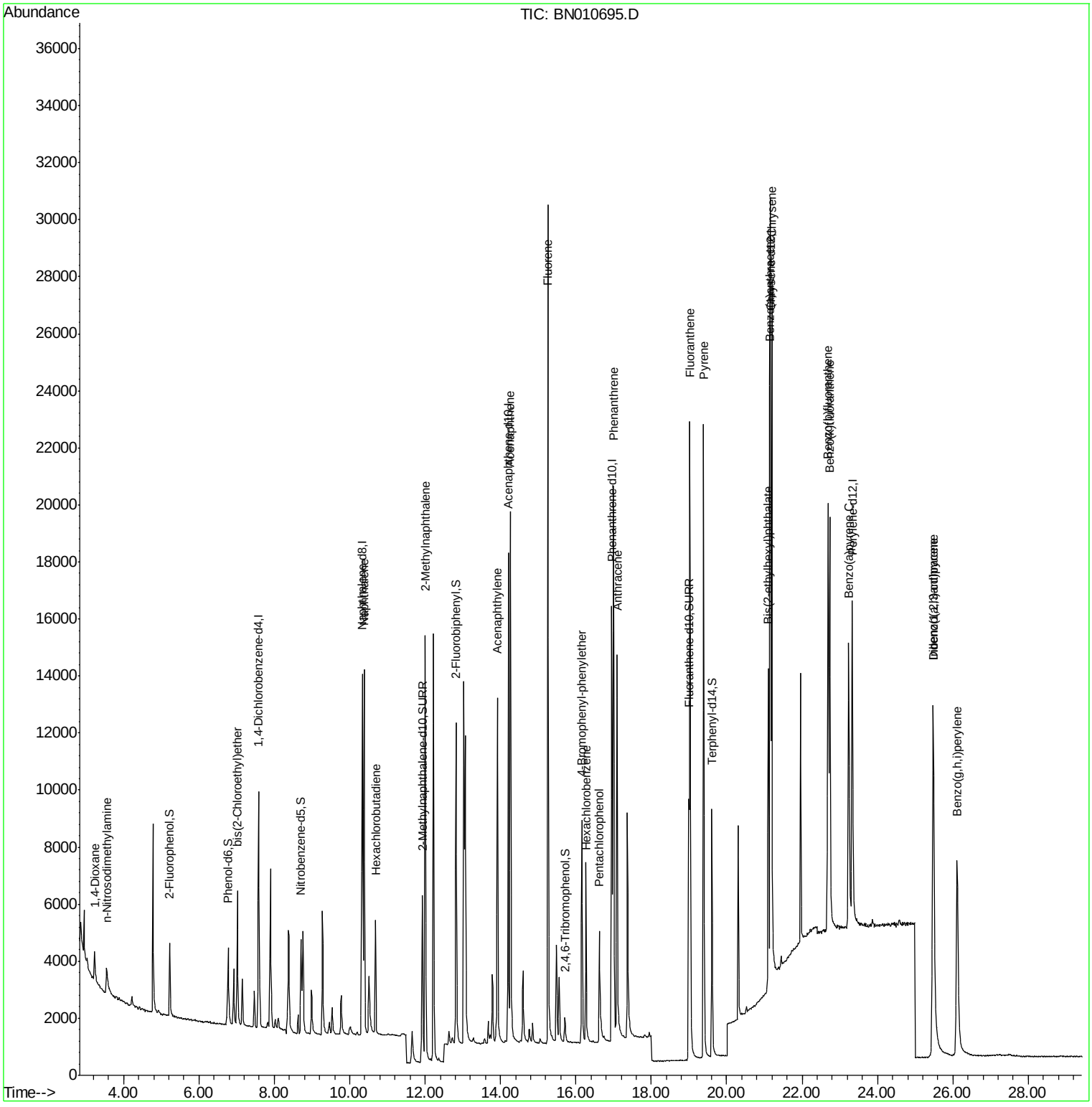
(#) = qualifier out of range (m) = manual integration (+) = signals summed

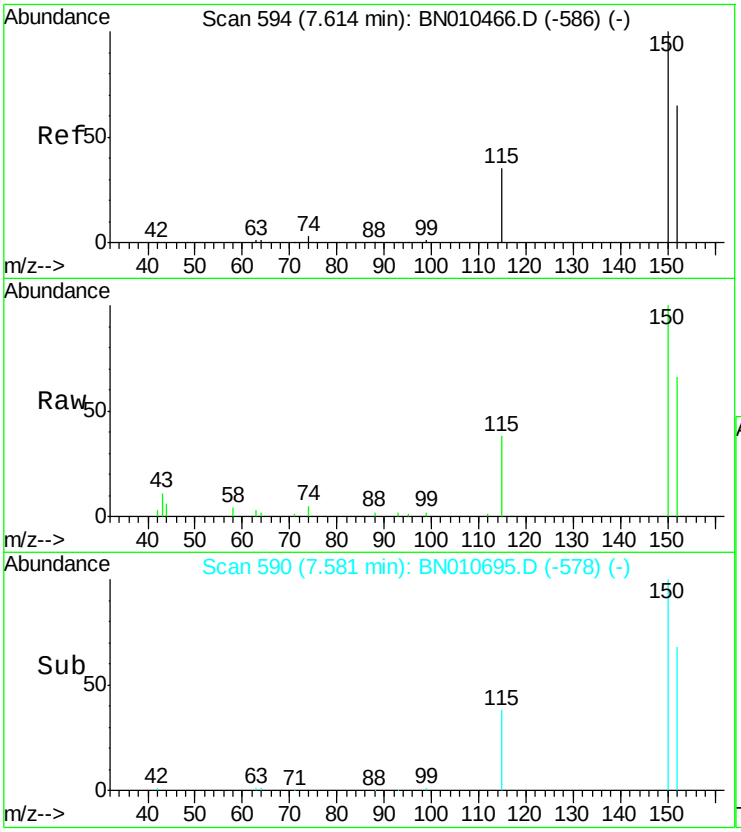
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051220\
Data File : BN010695.D
Acq On : 12 May 2020 11:57
Operator : CG/JU
Sample : PB128768BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Quant Time: May 12 12:28:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration



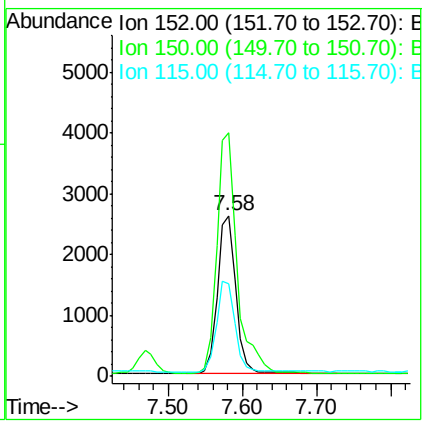


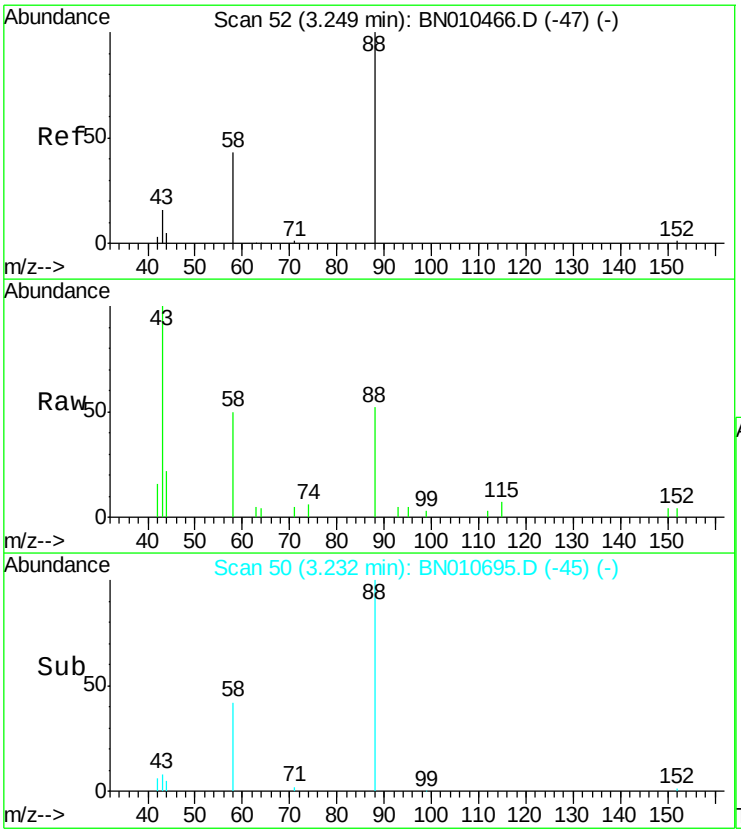
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:152 Resp: 4405

Ion	Ratio	Lower	Upper
152	100		
150	151.8	121.8	182.6
115	58.1	45.5	68.3

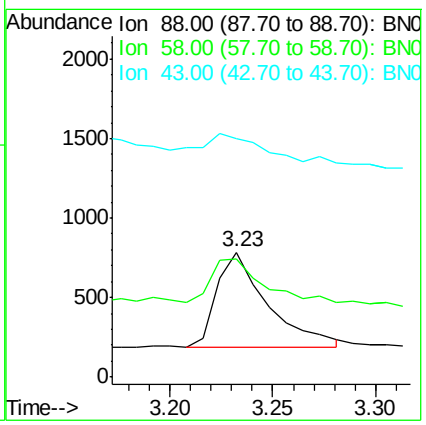


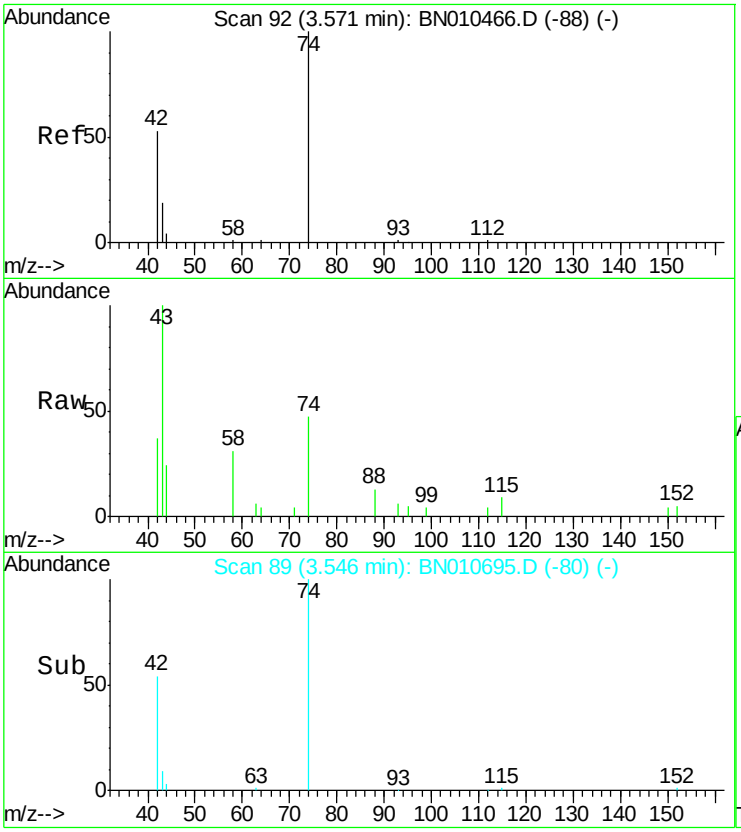


#2
1,4-Dioxane
Concen: 0.32 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion: 88 Resp: 1028

Ion	Ratio	Lower	Upper
88	100		
58	44.8	36.5	54.7
43	35.0	13.2	19.8#



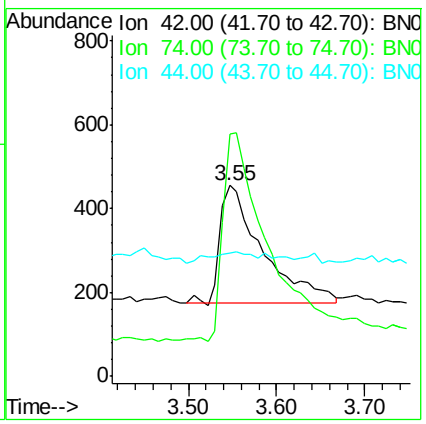


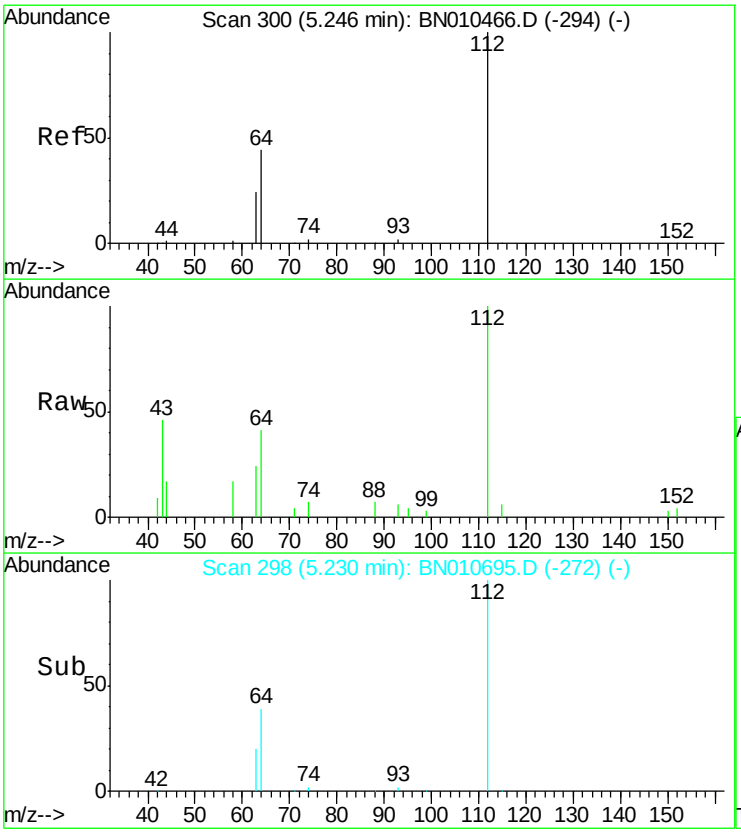
#3
n-Nitrosodimethylamine
Concen: 0.45 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.03 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion: 42 Resp: 944

Ion	Ratio	Lower	Upper
42	100		
74	187.1	162.2	243.4
44	8.6	2.4	3.6#

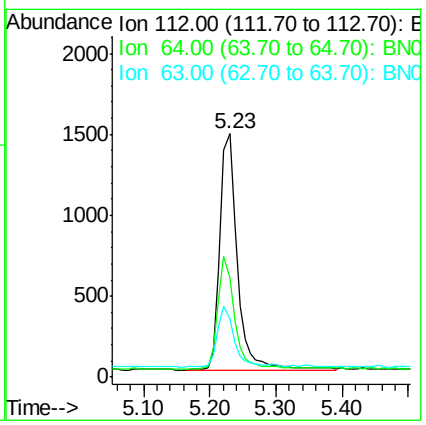


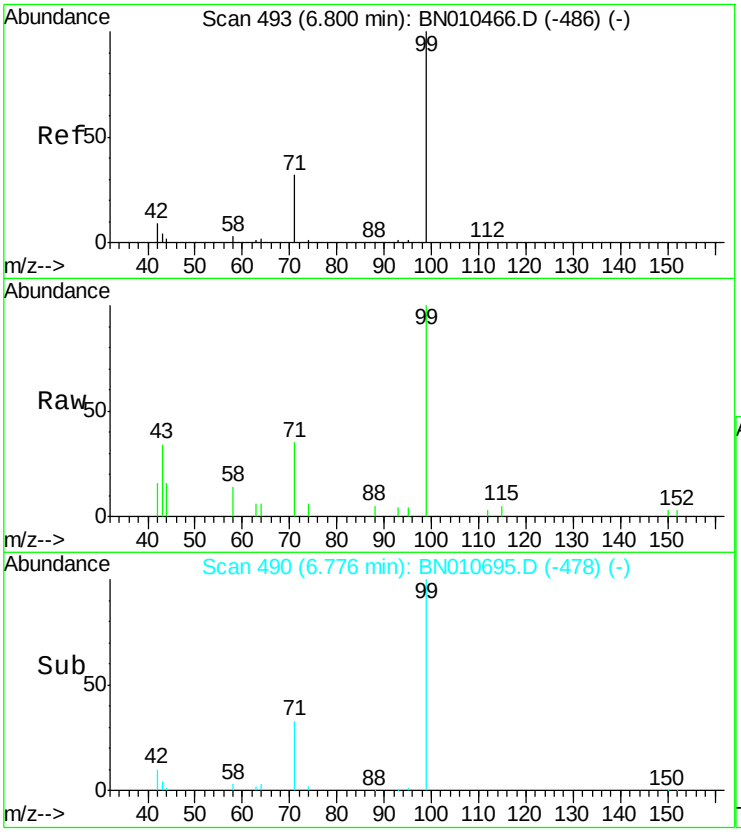


#4
2-Fluorophenol
Concen: 0.27 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.01 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:112 Resp: 2638

Ion	Ratio	Lower	Upper
112	100		
64	44.8	35.8	53.8
63	24.9	19.9	29.9



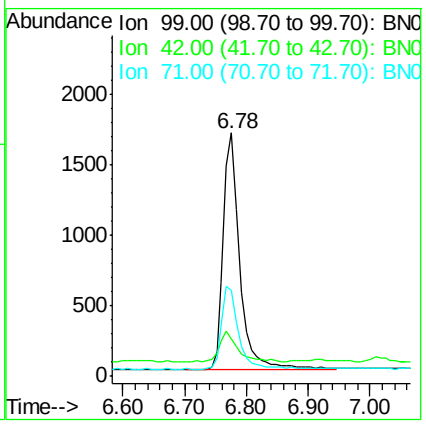


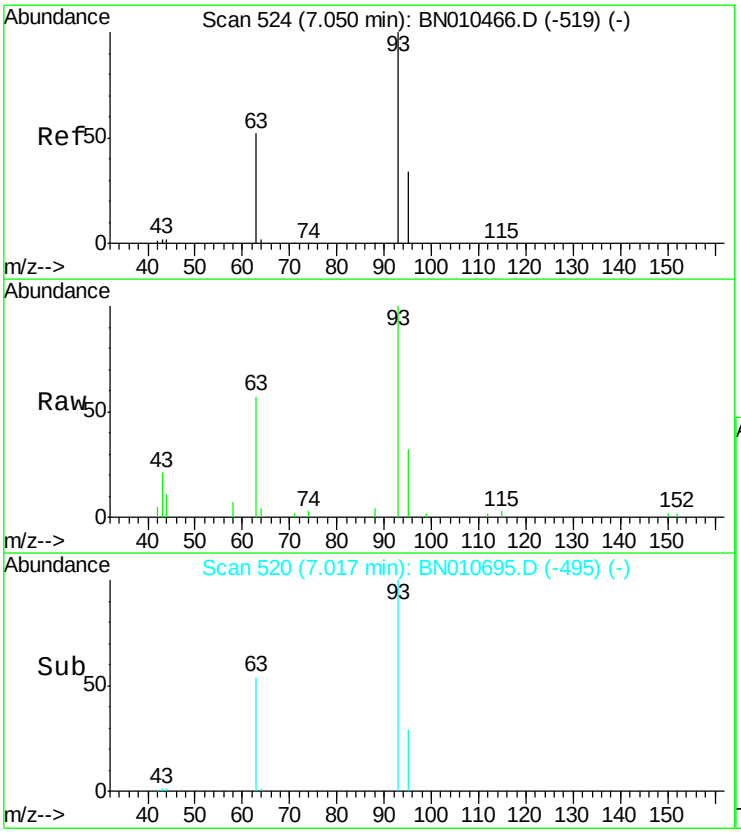
#5
Phenol-d6
Concen: 0.25 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion: 99 Resp: 3149

Ion	Ratio	Lower	Upper
99	100		
42	13.5	9.8	14.6
71	35.3	27.8	41.8

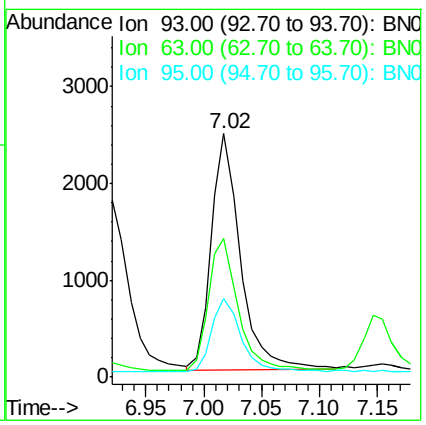


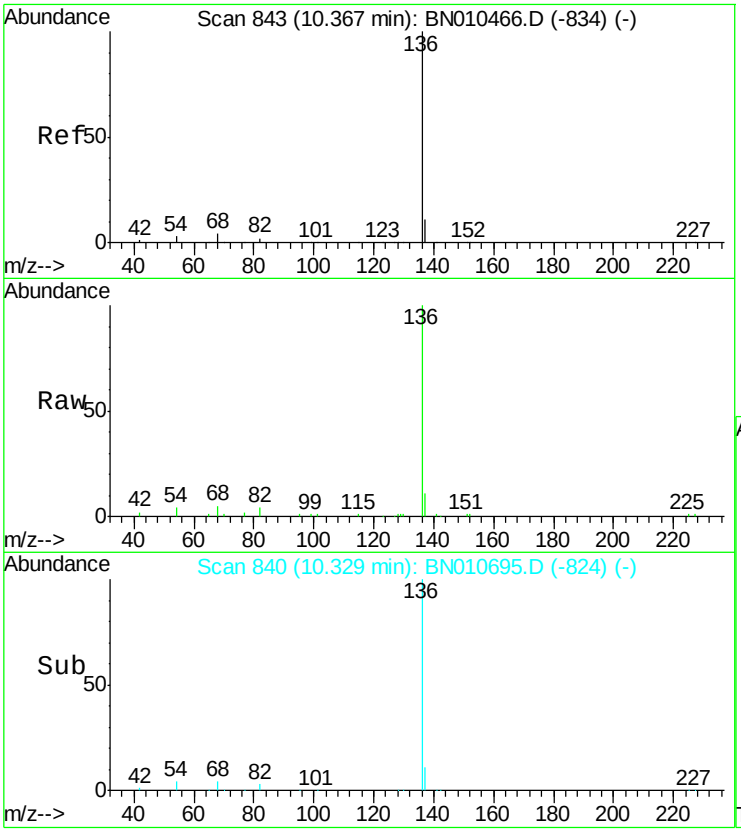


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion: 93 Resp: 4300

Ion	Ratio	Lower	Upper
93	100		
63	57.4	44.6	66.8
95	32.2	26.5	39.7



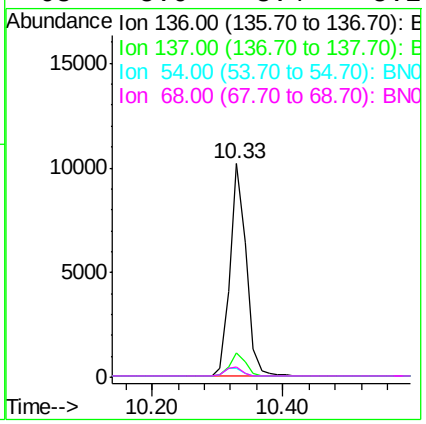


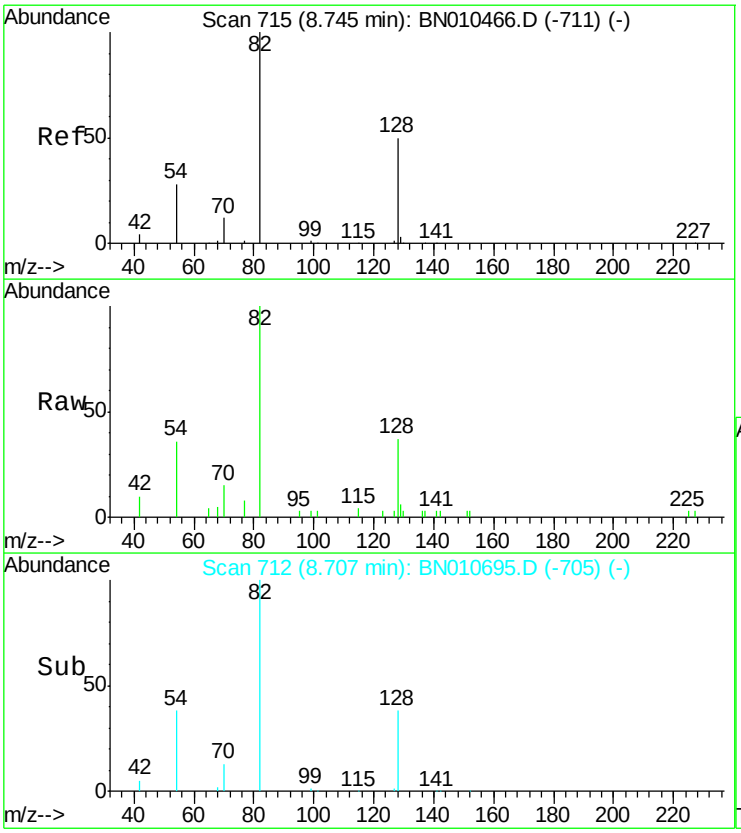
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:136 Resp: 17459

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	4.0	2.6	4.0#
68	5.0	3.4	5.2

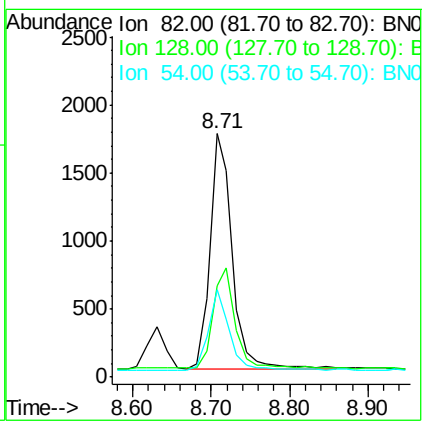


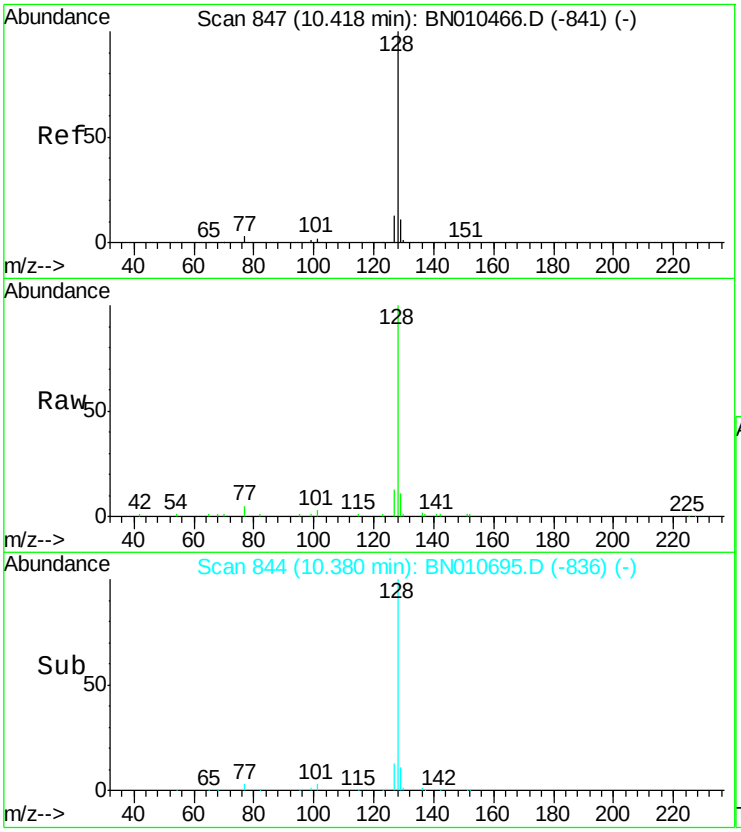


#8
Nitrobenzene-d5
Concen: 0.28 ng
RT: 8.71 min Scan# 712
Delta R.T. -0.01 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion: 82 Resp: 3449

Ion	Ratio	Lower	Upper
82	100		
128	37.3	41.3	61.9#
54	35.9	23.4	35.0#



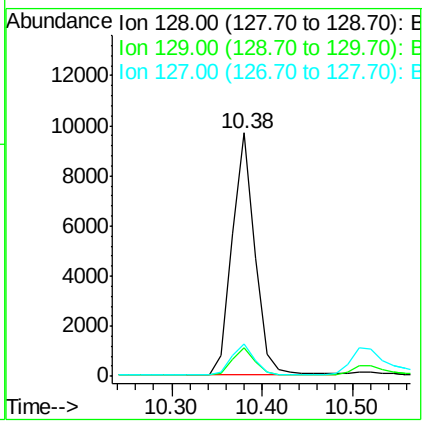


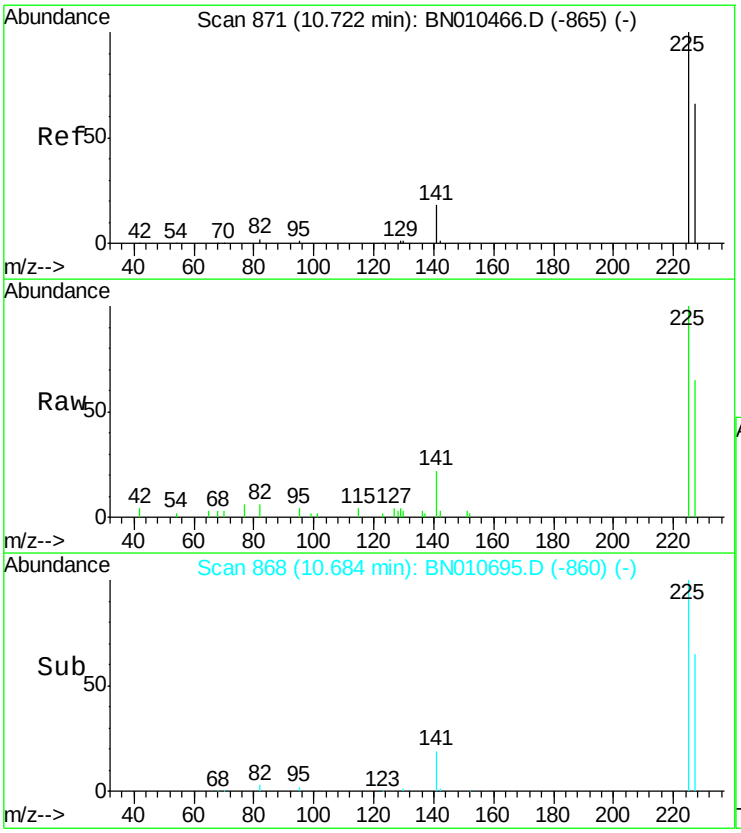
#9
Naphthalene
Concen: 0.39 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:128 Resp: 16770

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.4	10.5	15.7

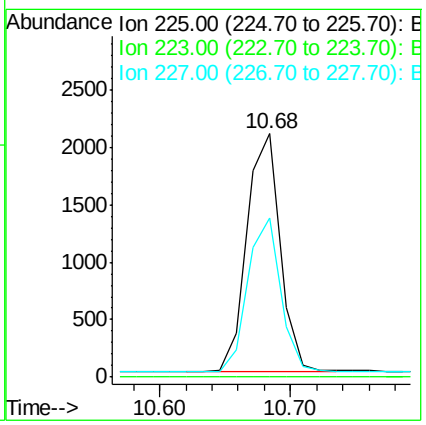


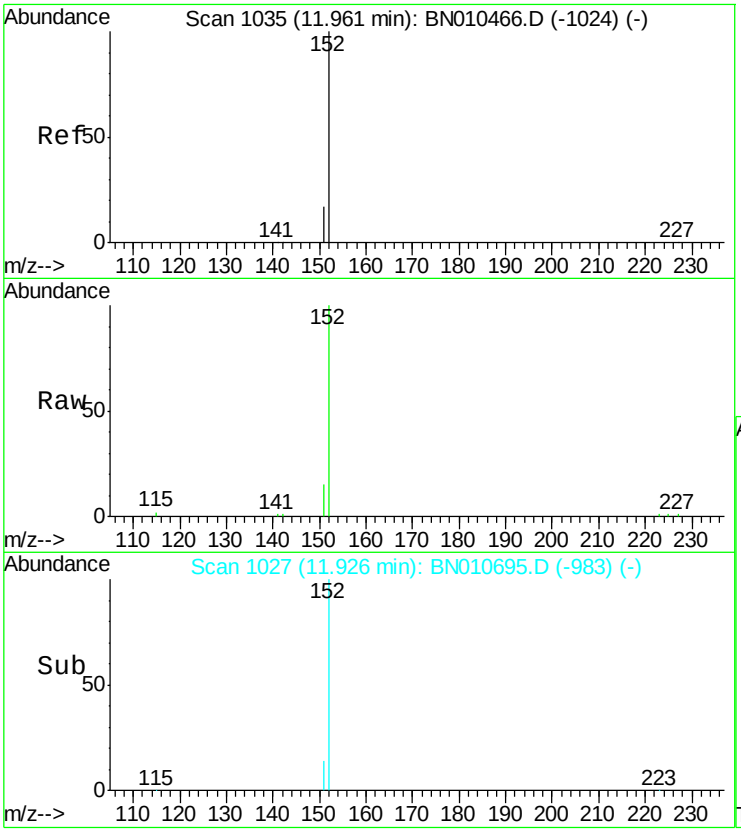


#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:225 Resp: 3655

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.6	76.0



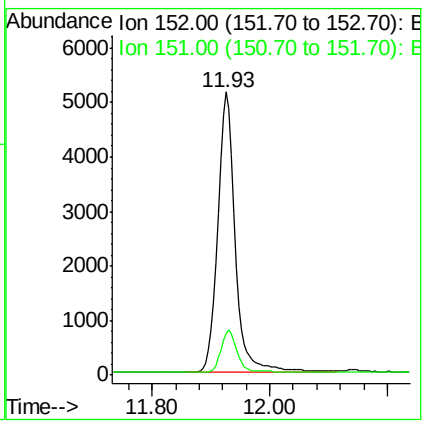


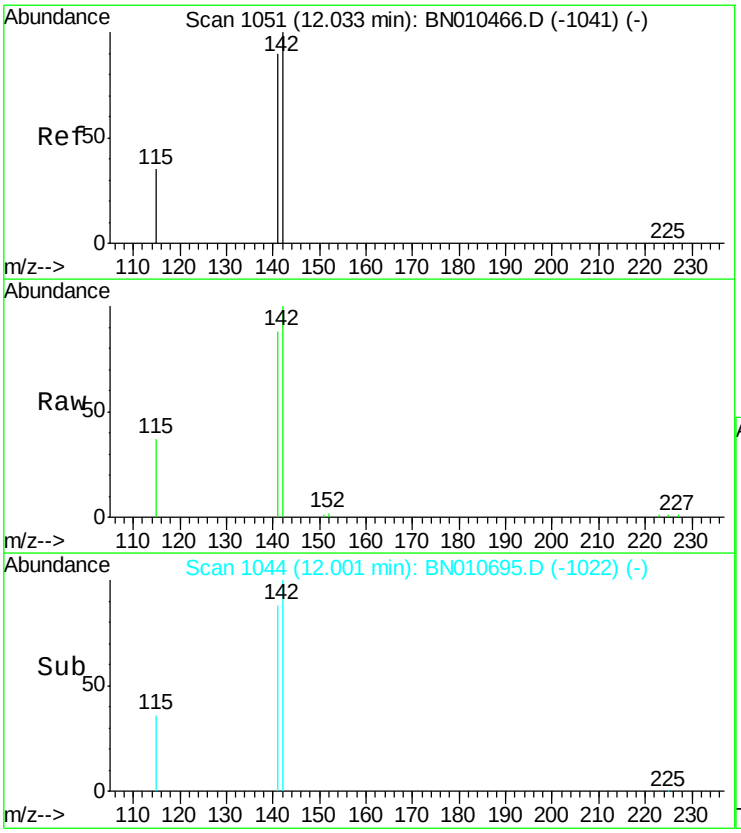
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 11.93 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:152 Resp: 10843

Ion	Ratio	Lower	Upper
152	100		
151	14.1	15.3	22.9#

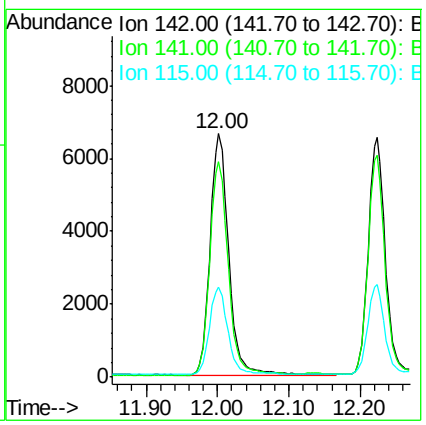


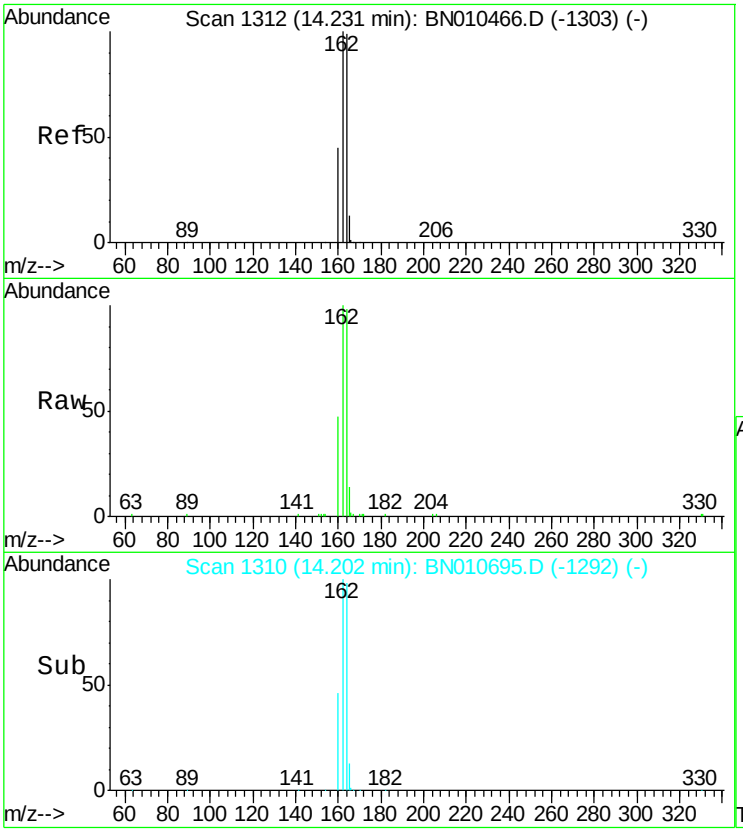


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.00 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:142 Resp: 12003

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	36.9	28.8	43.2



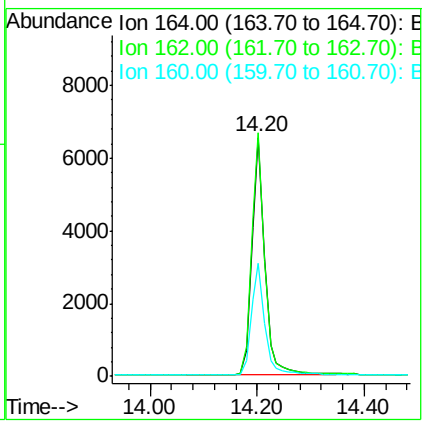


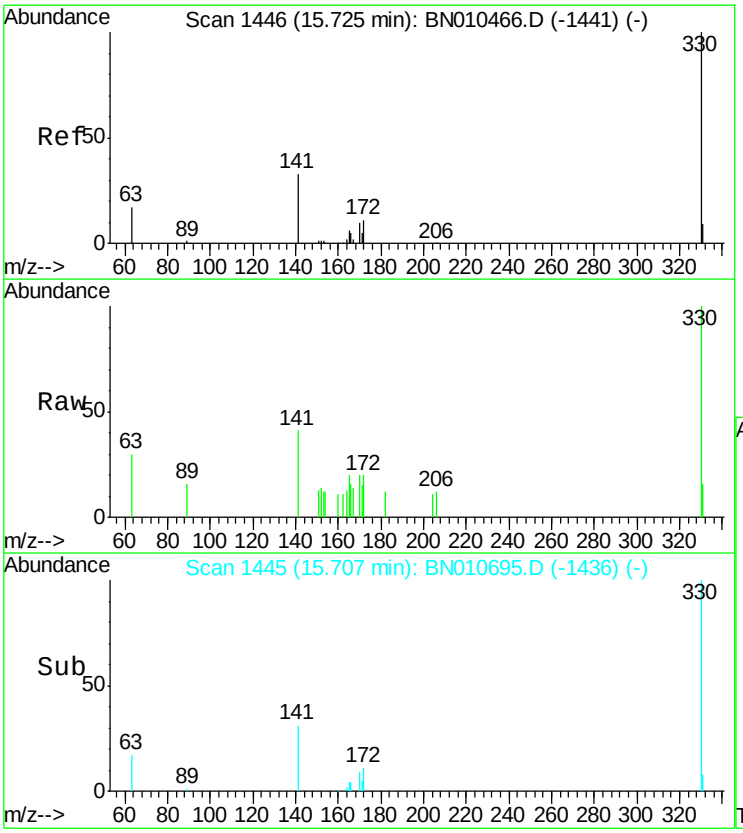
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:164 Resp: 10840

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	47.5	36.5	54.7

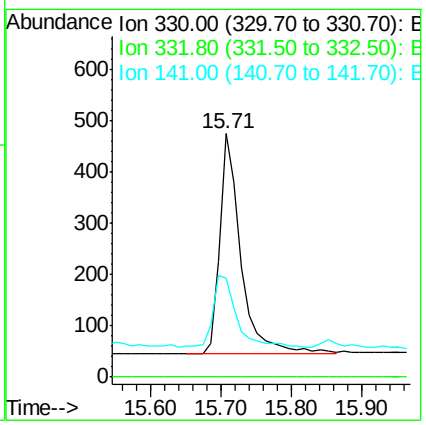


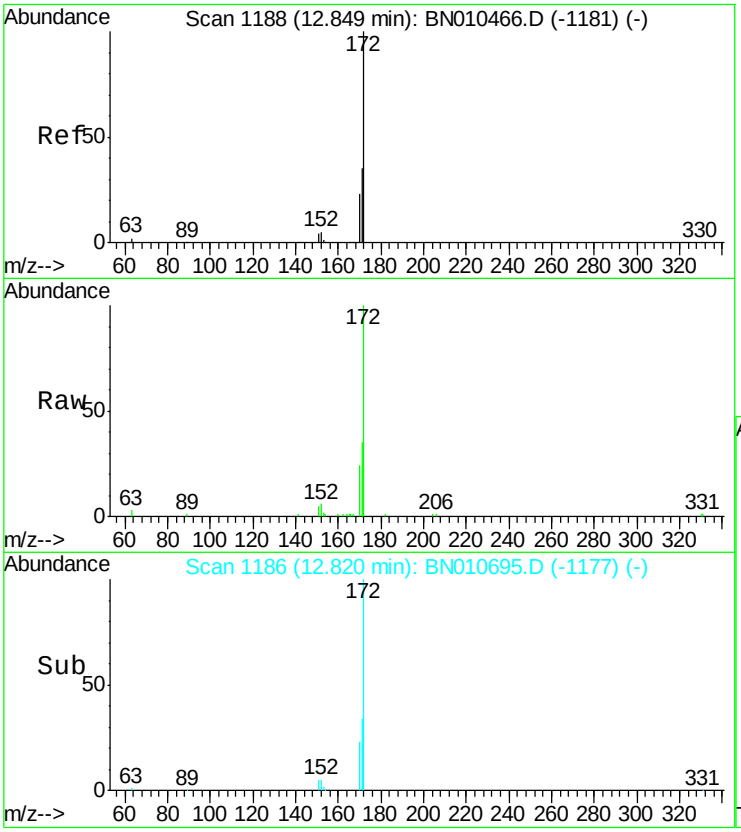


#14
2,4,6-Tribromophenol
Concen: 0.18 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:330 Resp: 905

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	28.1	42.1



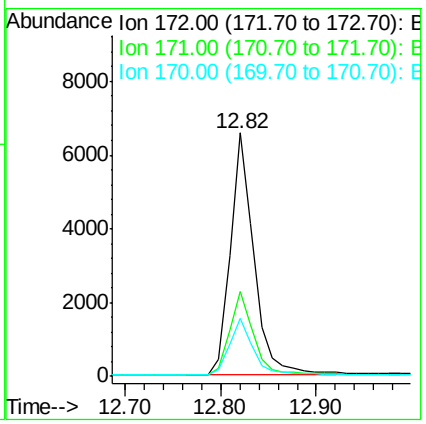


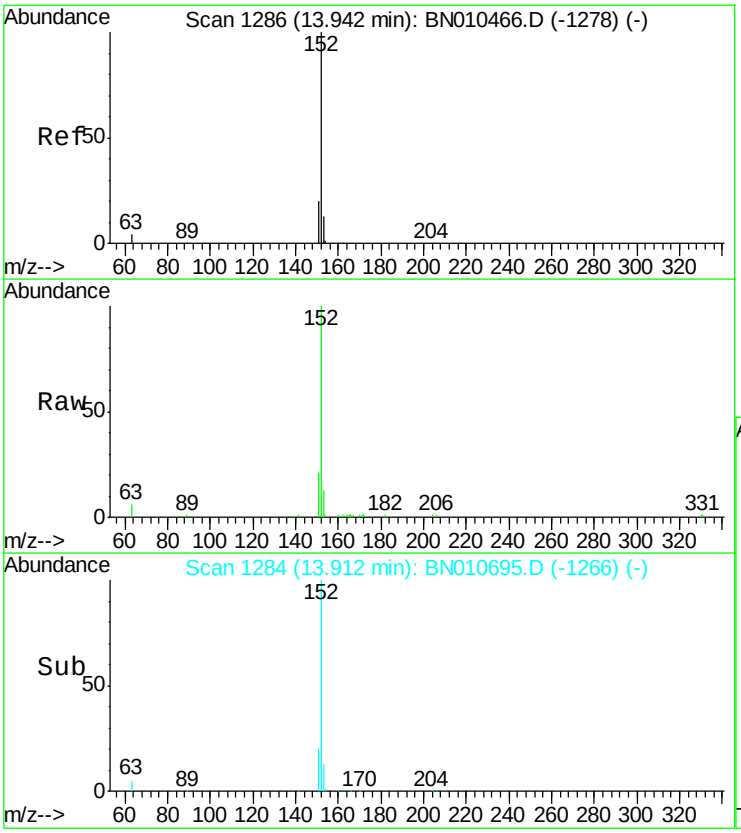
#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:172 Resp: 11186

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.8	18.4	27.6

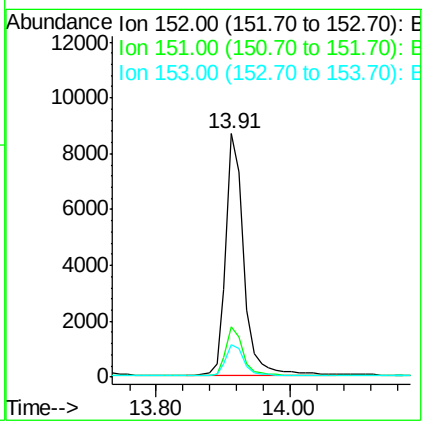


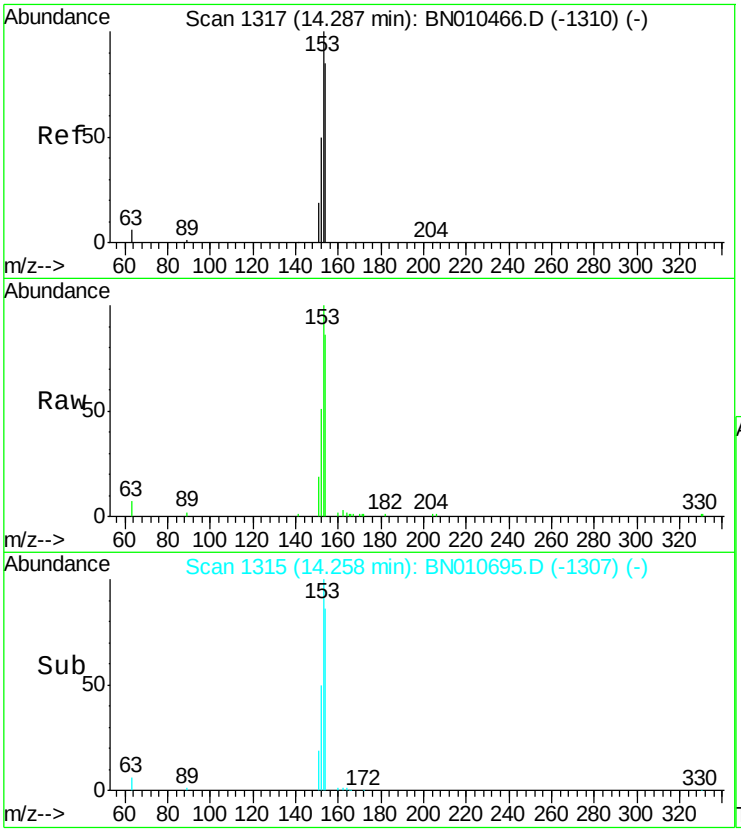


#16
Acenaphthylene
Concen: 0.35 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:152 Resp: 16240

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8



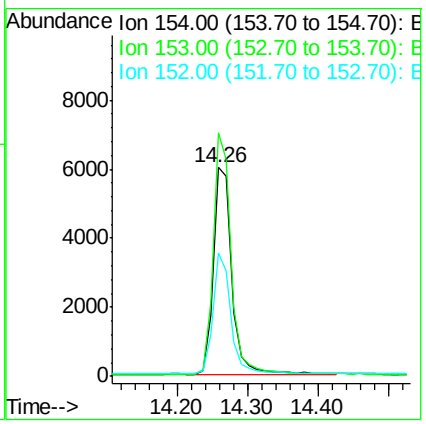


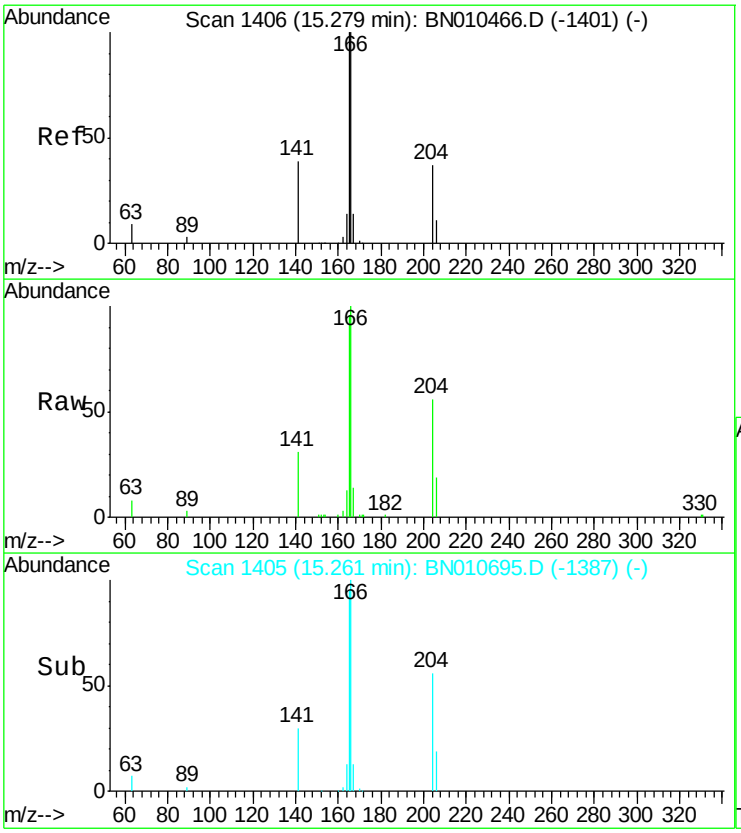
#17
Acenaphthene
Concen: 0.37 ng
RT: 14.26 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:154 Resp: 11117

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	56.2	44.6	67.0

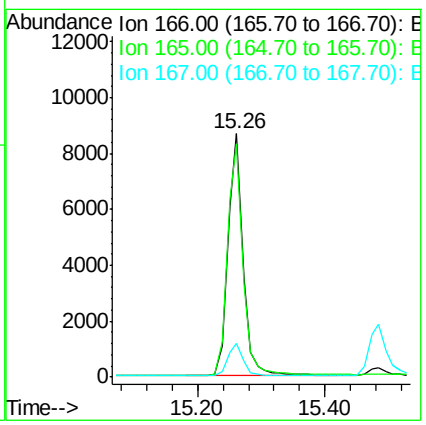


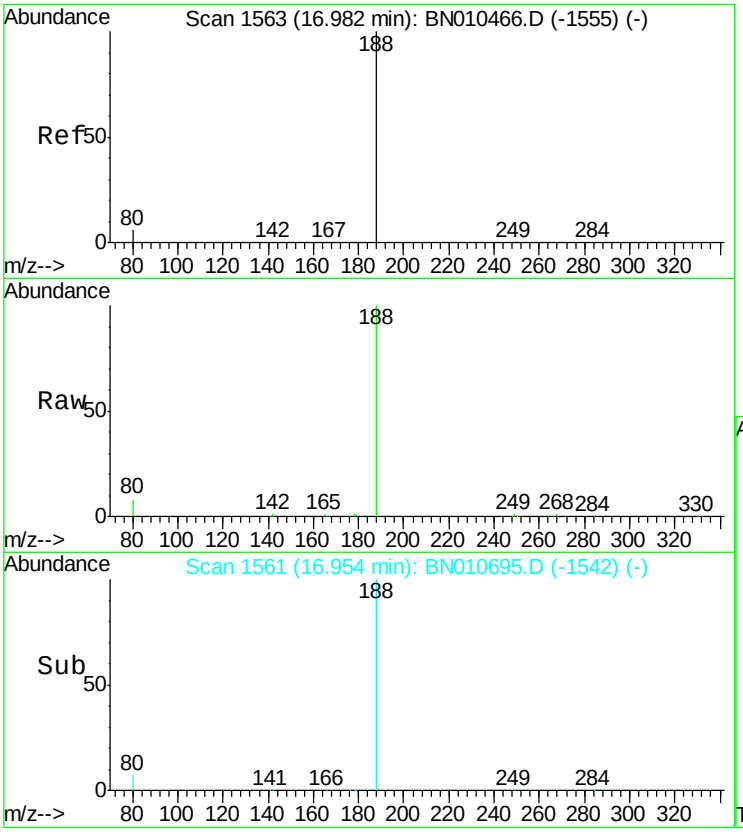


#18
Fluorene
Concen: 0.36 ng
RT: 15.26 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:166 Resp: 14217

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.4	117.6
167	13.5	10.9	16.3



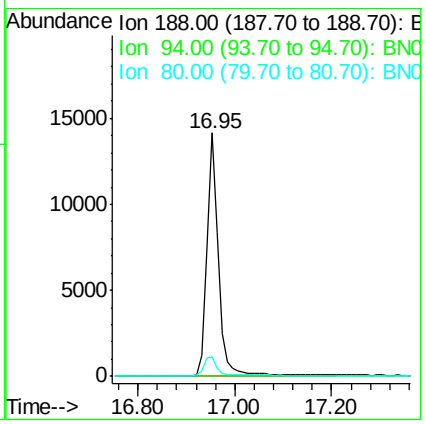


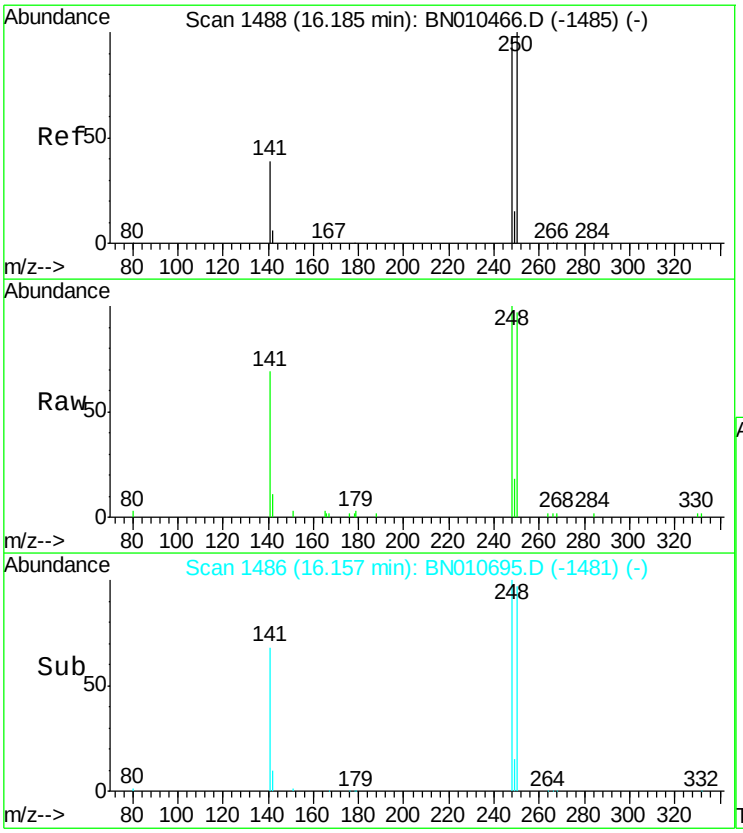
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:188 Resp: 23087

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	5.0	7.6#

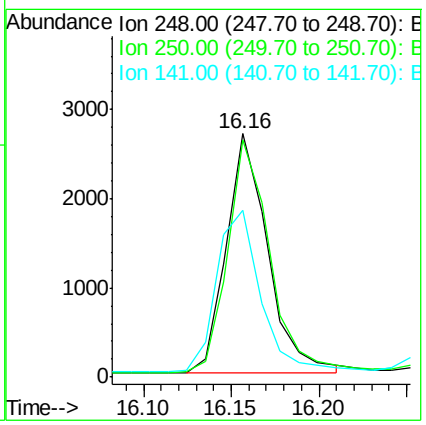


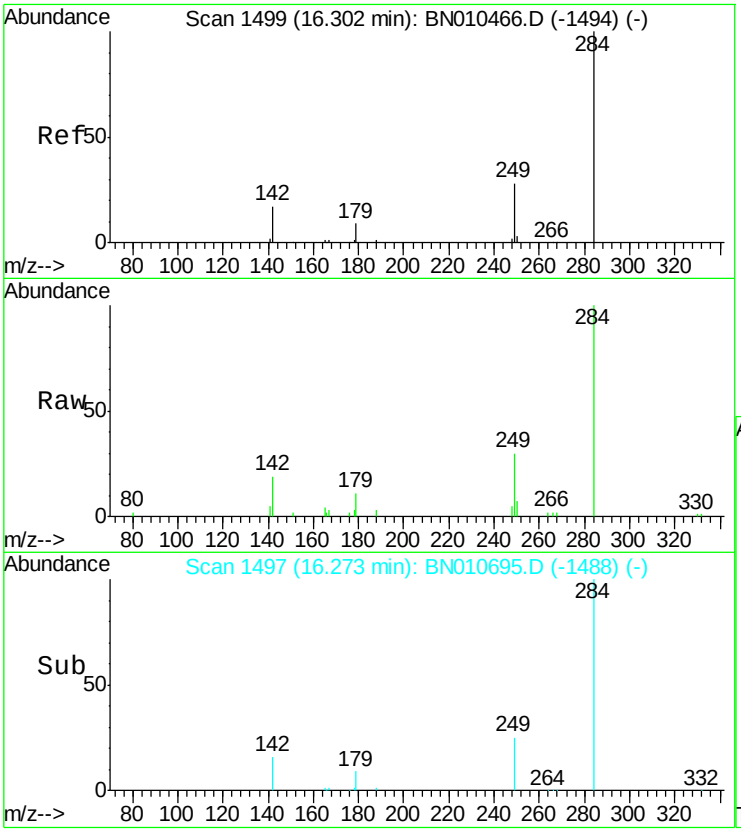


#20
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:248 Resp: 4367

Ion	Ratio	Lower	Upper
248	100		
250	97.3	82.3	123.5
141	68.7	35.2	52.8#



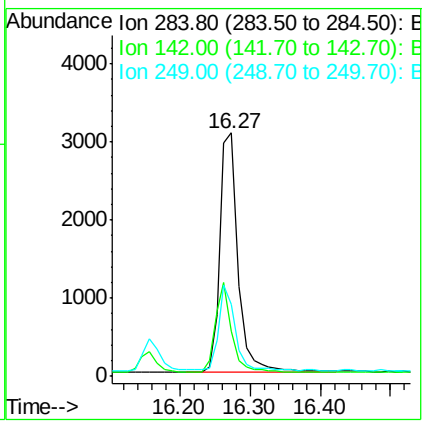


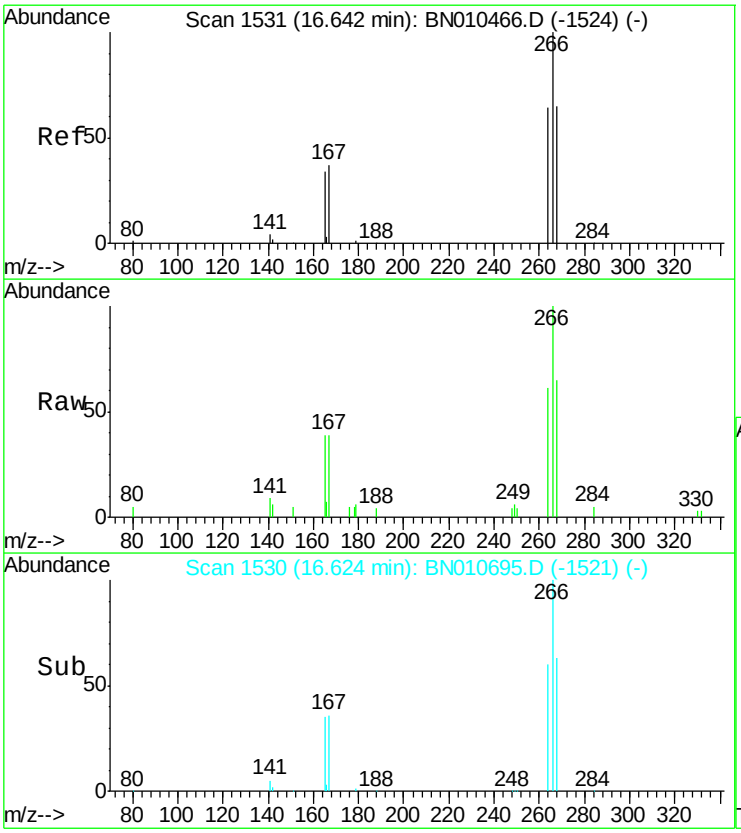
#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:284 Resp: 5557

Ion	Ratio	Lower	Upper
284	100		
142	33.6	25.5	38.3
249	32.9	25.8	38.6

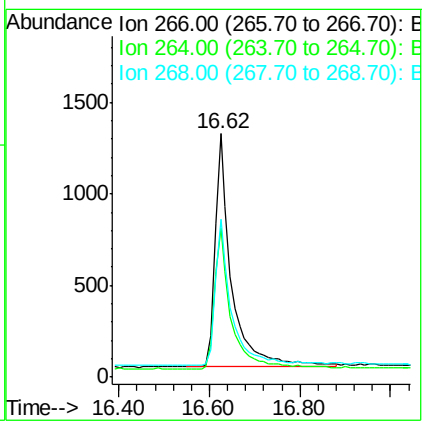


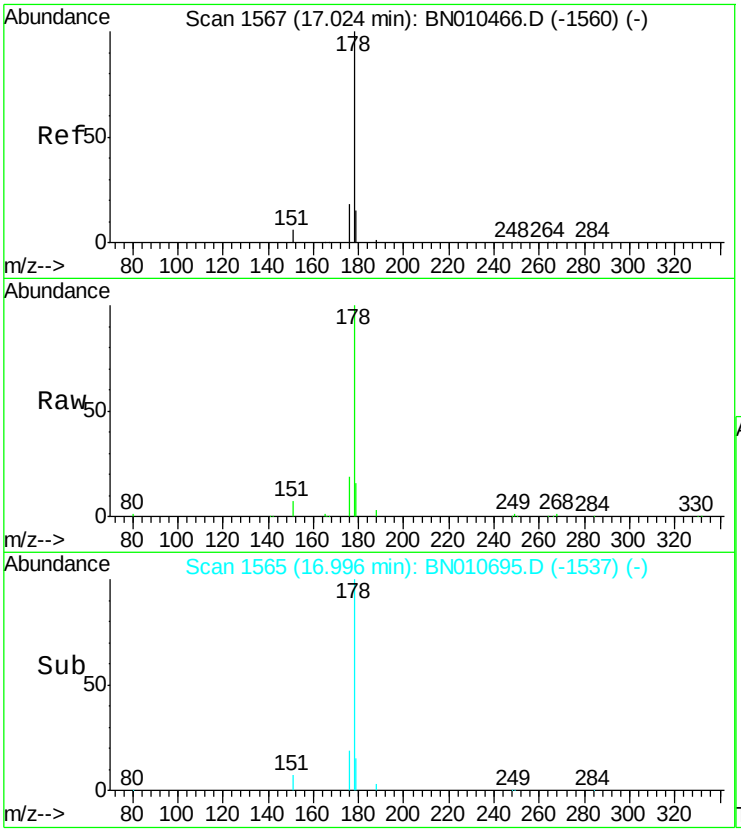


#22
Pentachlorophenol
Concen: 0.56 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:266 Resp: 3221

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.8	77.6
268	65.0	53.7	80.5



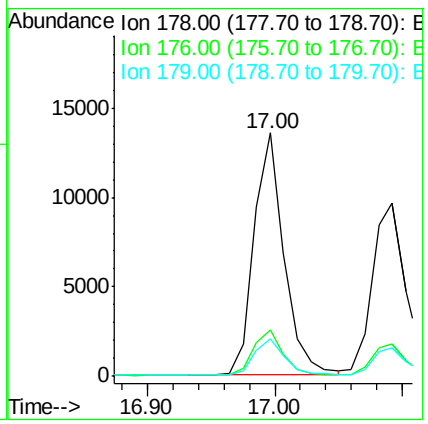


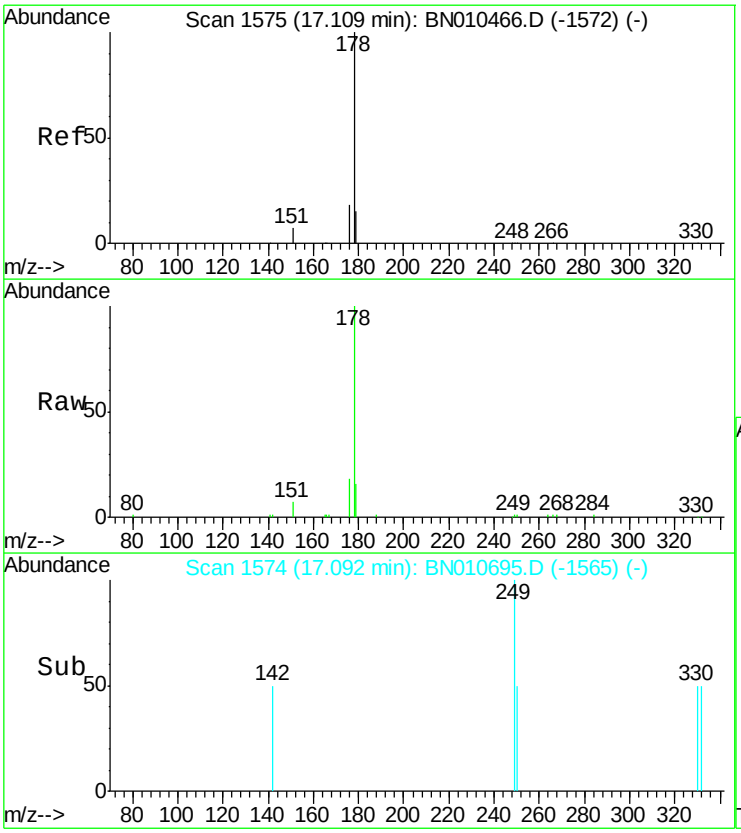
#23
Phenanthrene
Concen: 0.36 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:178 Resp: 22275

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.6	18.8

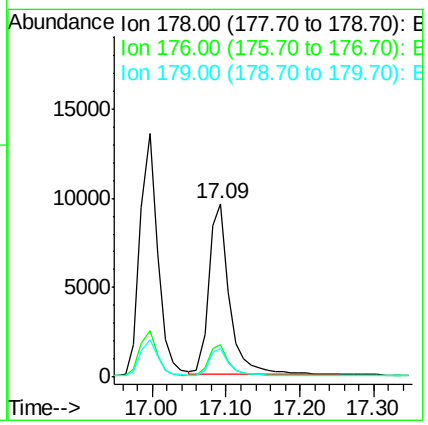


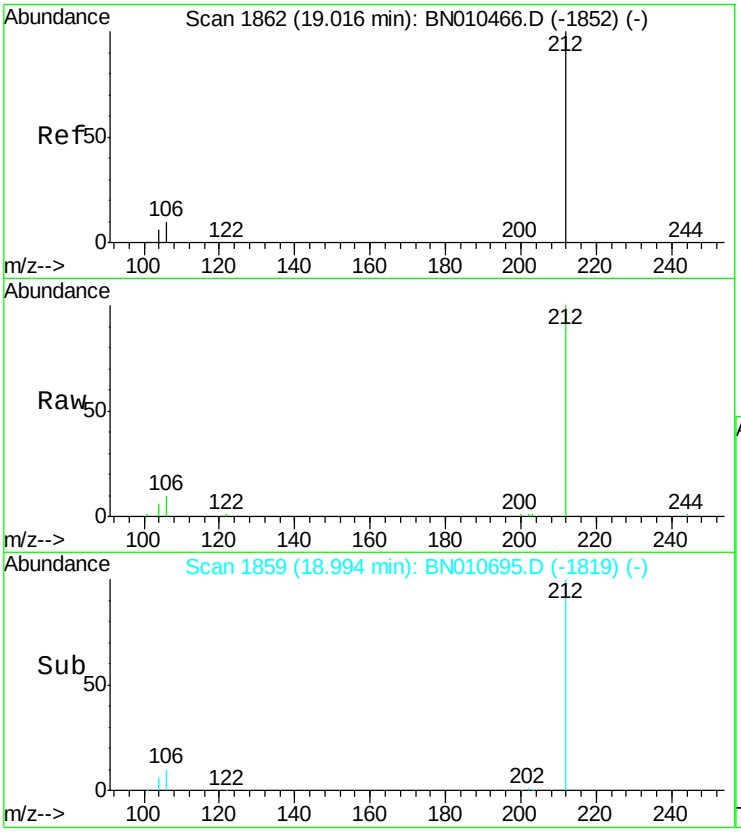


#24
Anthracene
Concen: 0.32 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:178 Resp: 18470

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.5	12.2	18.2



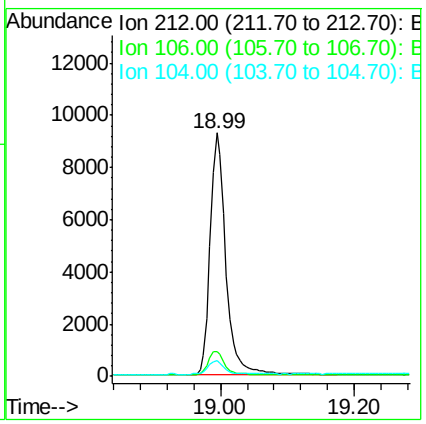


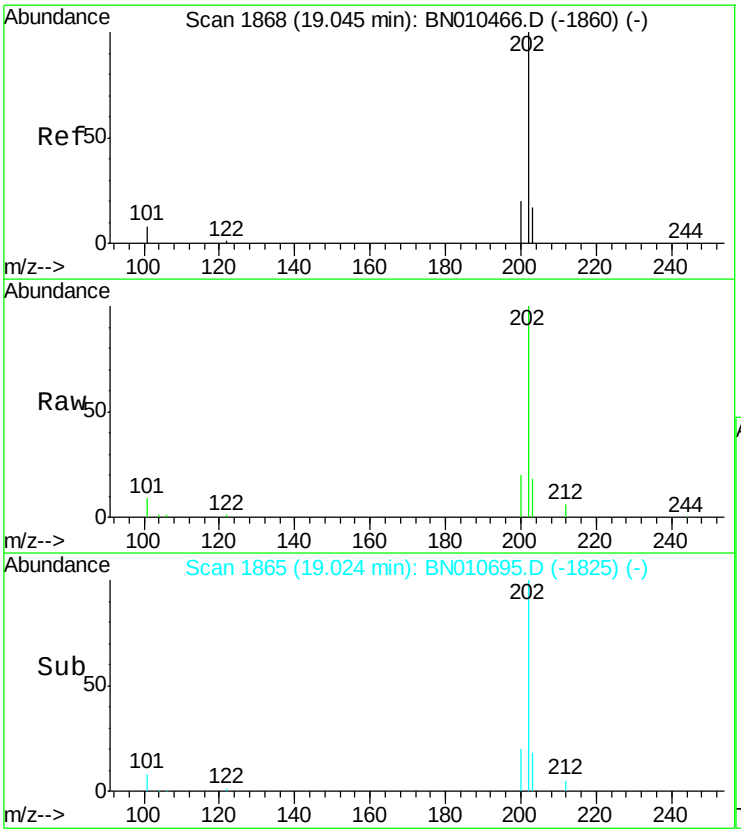
#25
Fluoranthene-d10
Concen: 0.22 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:212 Resp: 15269

Ion	Ratio	Lower	Upper
212	100		
106	10.1	7.8	11.6
104	5.9	4.5	6.7

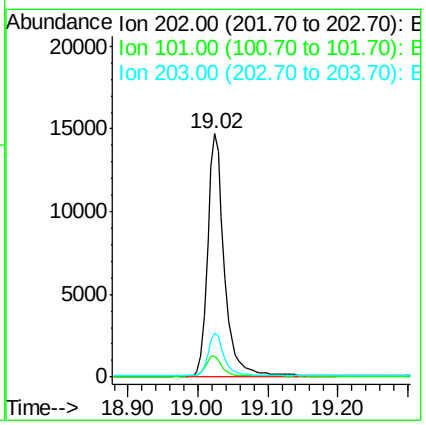


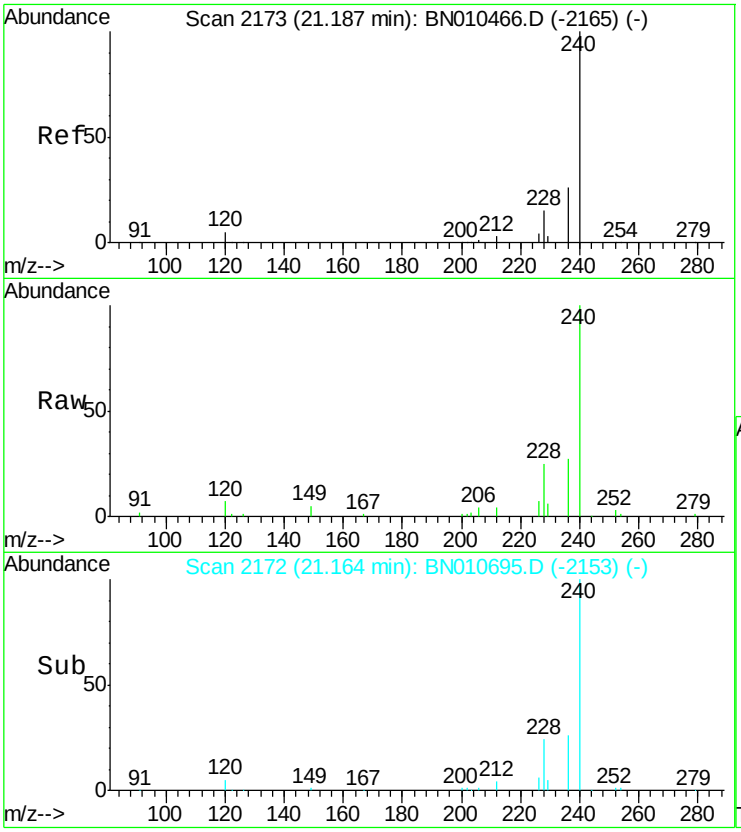


#26
Fluoranthene
Concen: 0.31 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:202 Resp: 24204

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.1	13.9	20.9



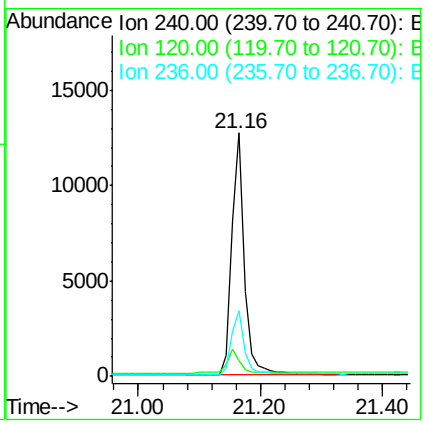


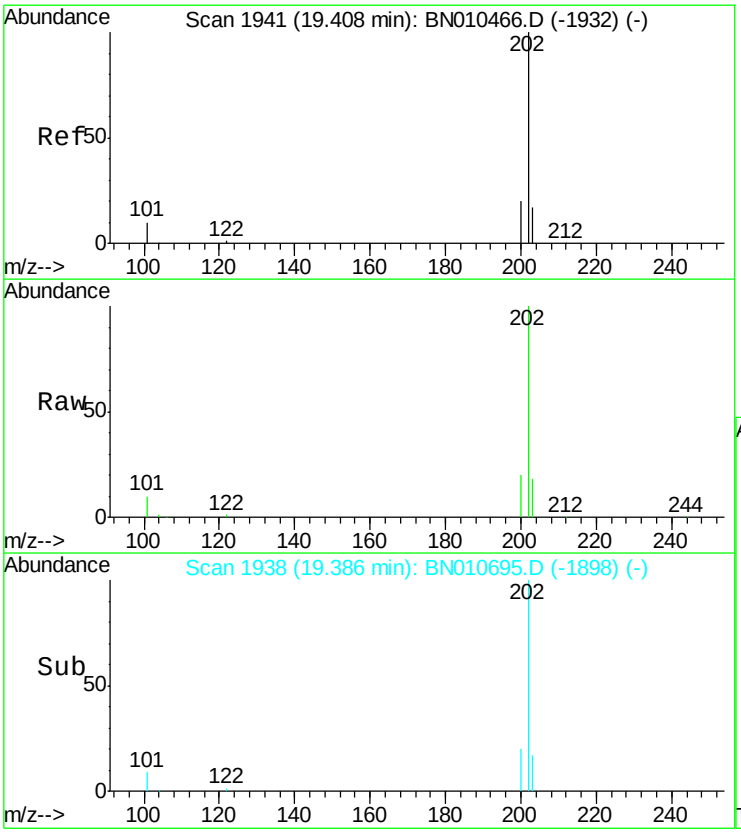
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:240 Resp: 18751

Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.8	7.2
236	26.8	21.4	32.0

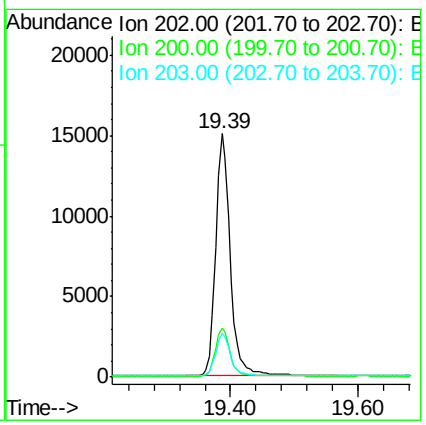


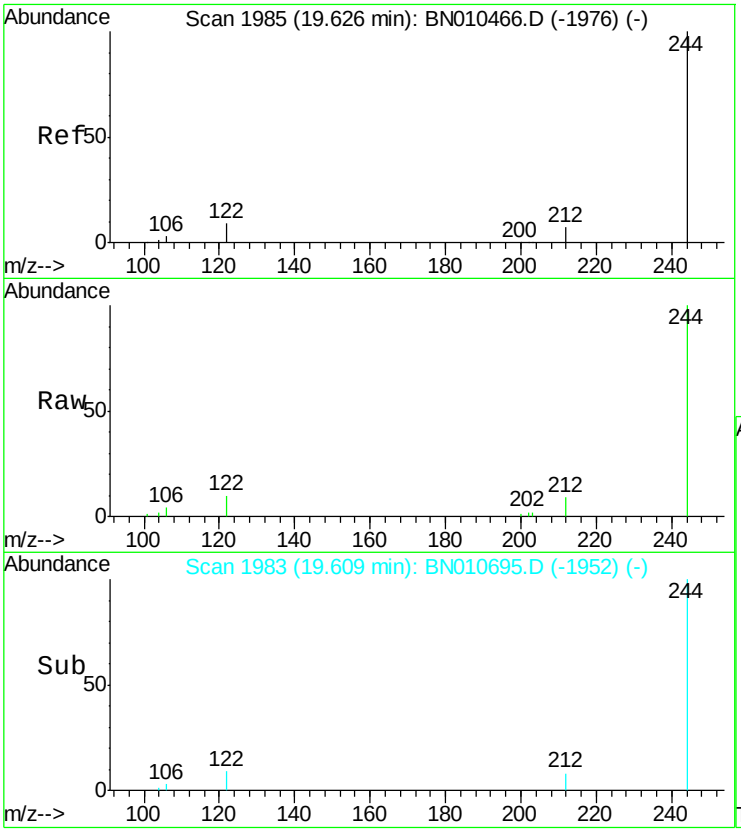


#28
Pyrene
Concen: 0.38 ng
RT: 19.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:202 Resp: 24012

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	18.3	14.0	21.0



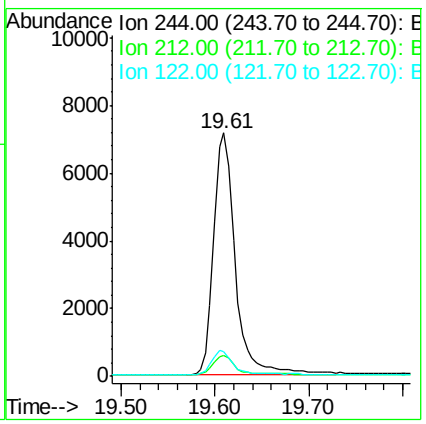


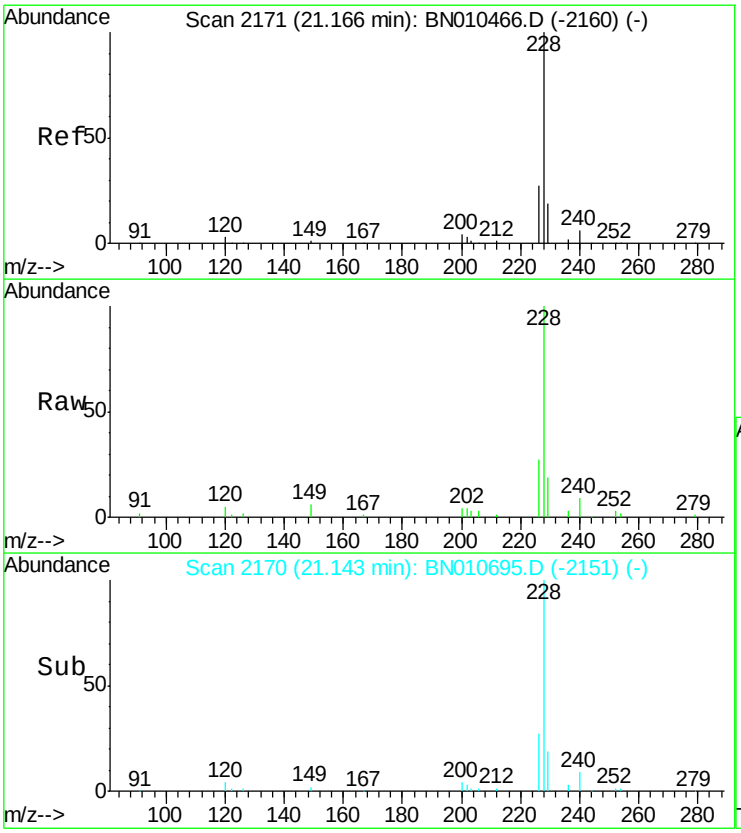
#29
Terphenyl-d14
Concen: 0.27 ng
RT: 19.61 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:244 Resp: 11451

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.2	9.4
122	10.0	7.8	11.8

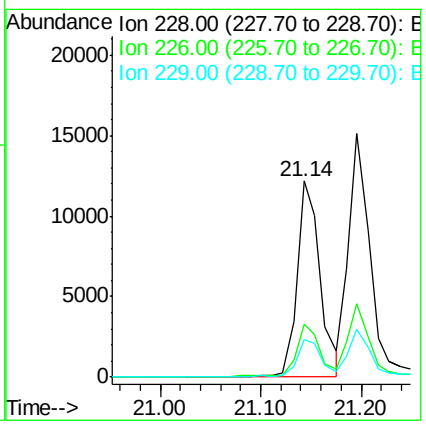


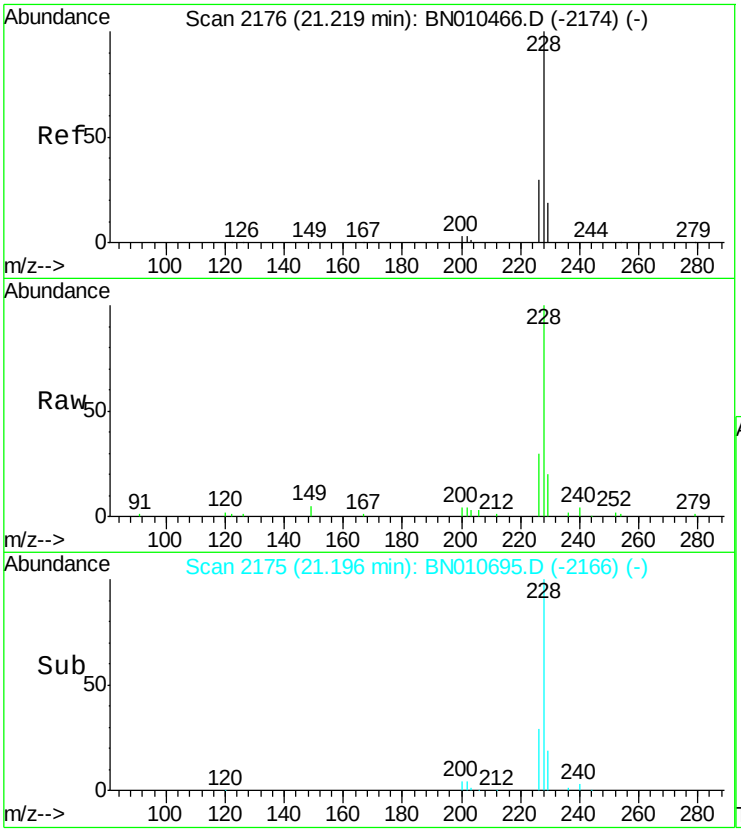


#30
Benzo(a)anthracene
Concen: 0.32 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:228 Resp: 19343

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	19.4	15.6	23.4



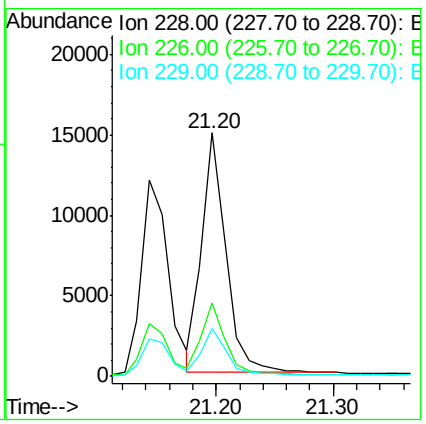


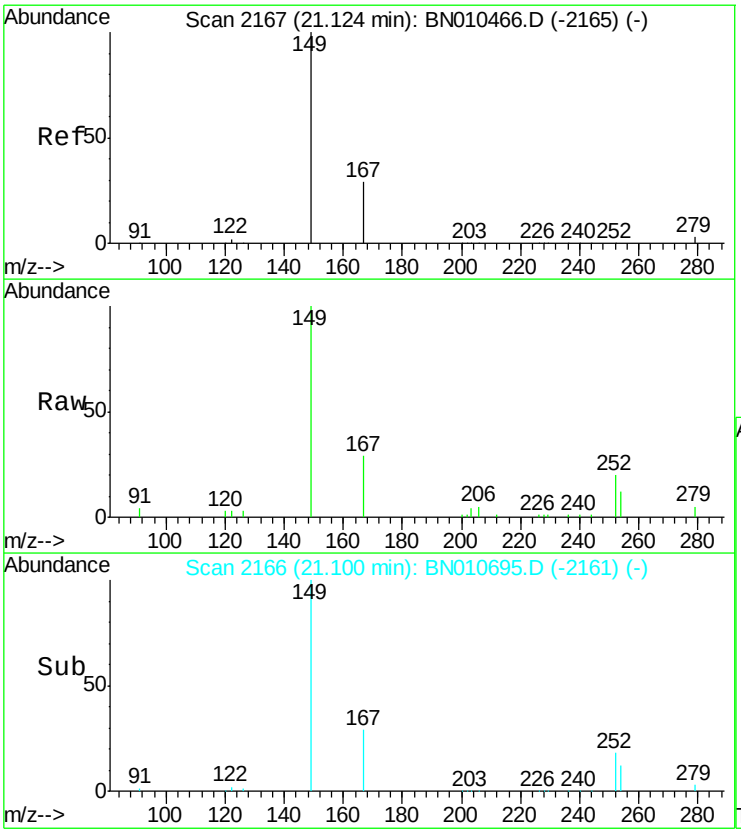
#31
Chrysene
Concen: 0.36 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:228 Resp: 21653

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	19.6	15.8	23.6

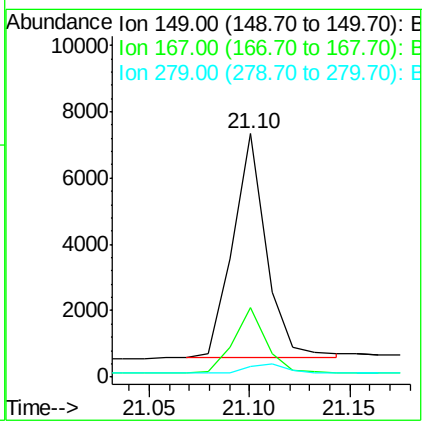


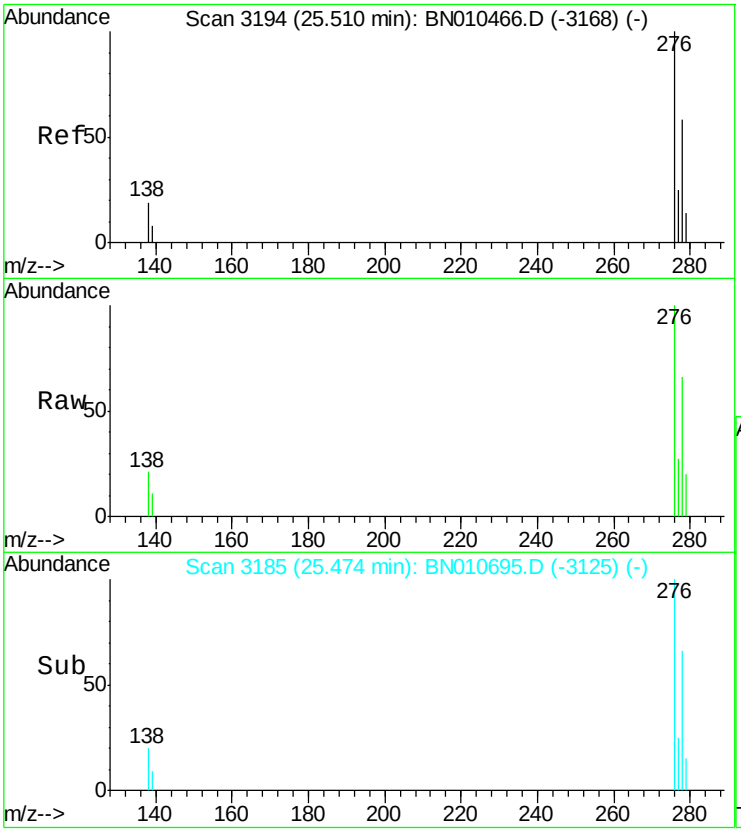


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:149 Resp: 7928

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.4	35.0
279	4.6	4.0	6.0



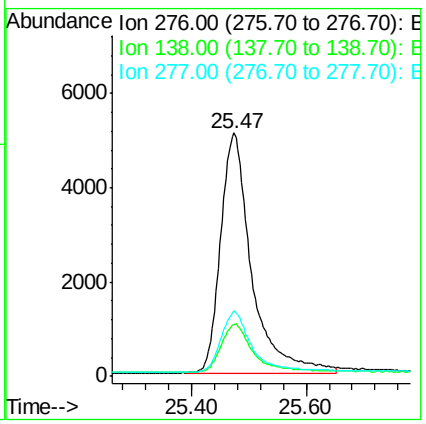


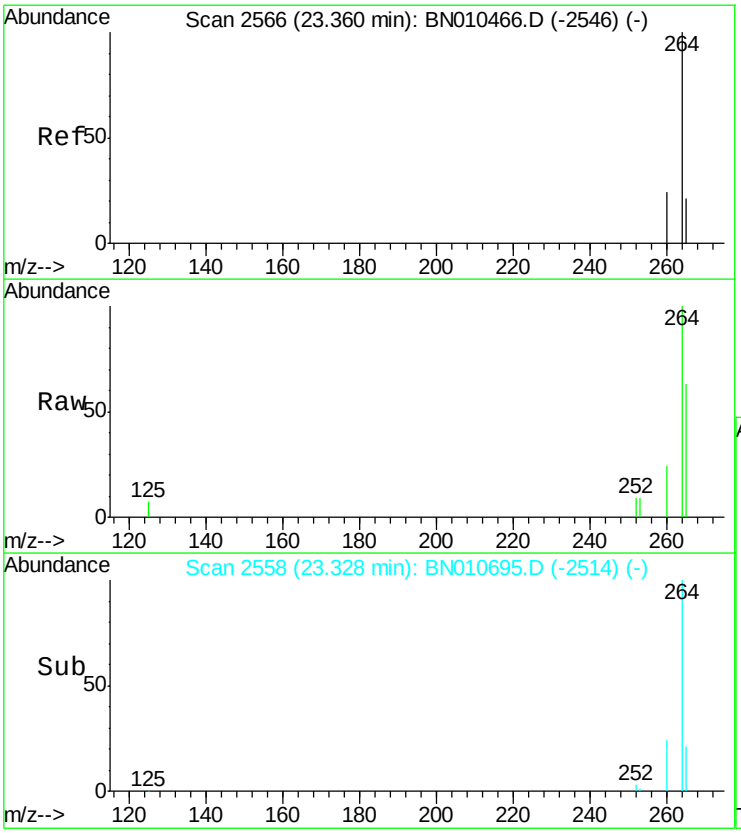
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.47 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:276 Resp: 19107

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.4	24.6
277	24.6	19.8	29.6

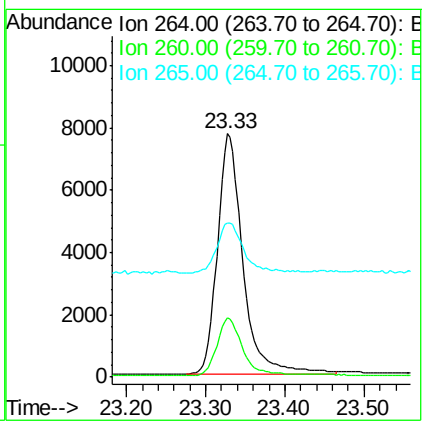


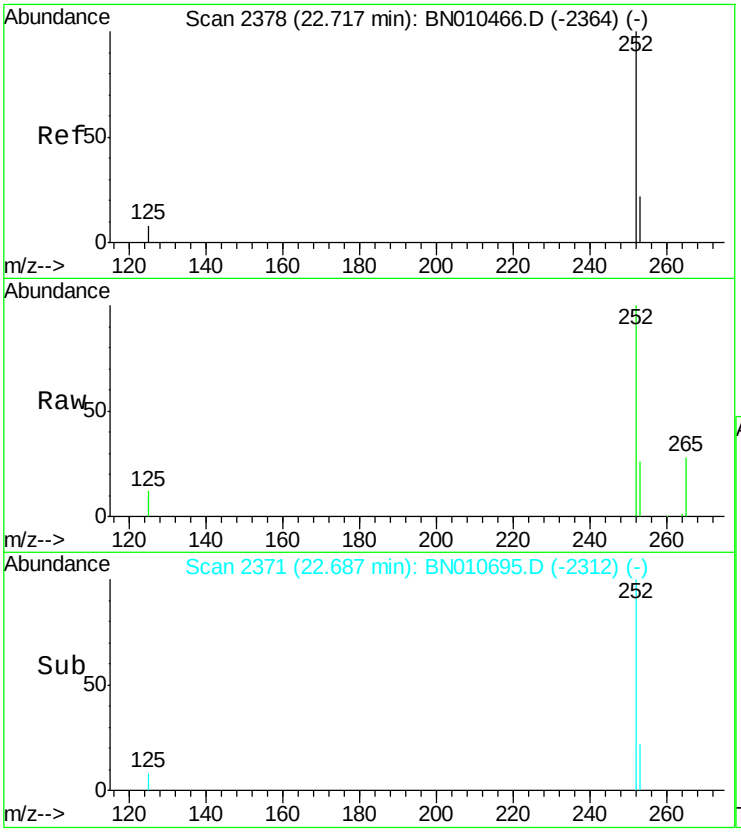


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.33 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:264 Resp: 17124

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	63.3	42.3	63.5



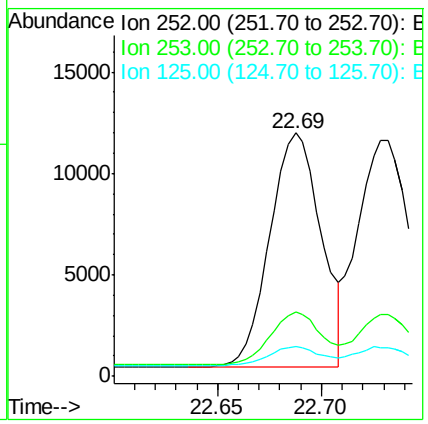


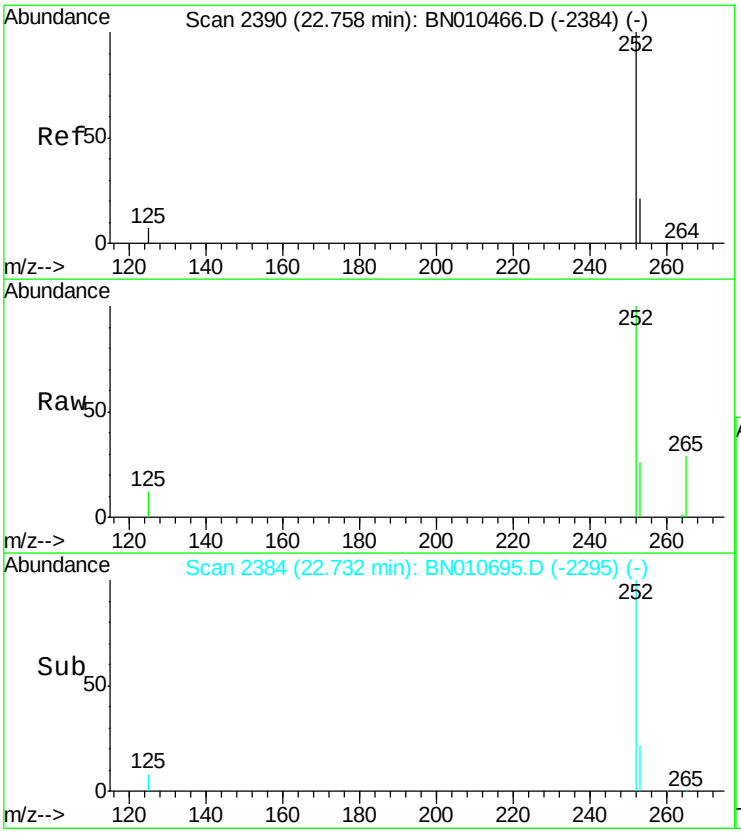
#35
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:252 Resp: 19797

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.2	30.4
125	12.0	9.2	13.8

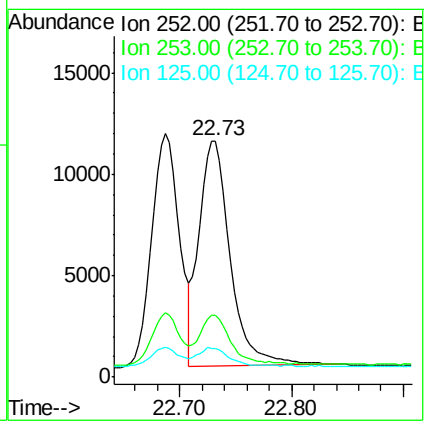


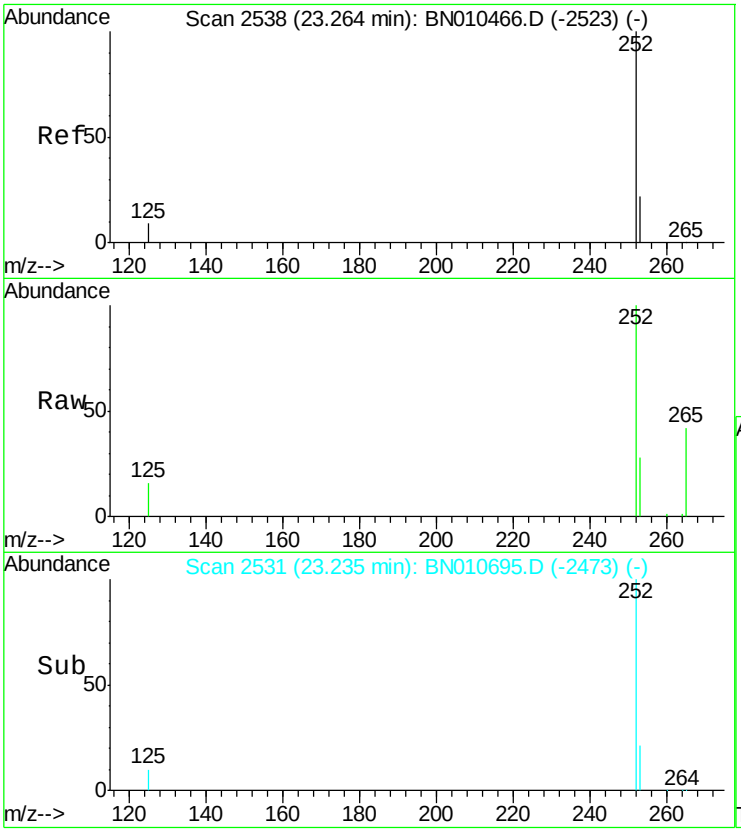


#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 22.73 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:252 Resp: 21608

Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.1	30.1
125	12.0	9.6	14.4



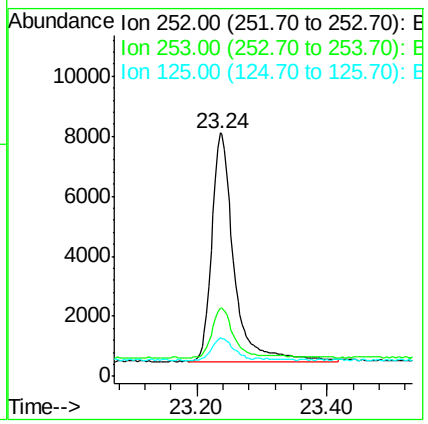


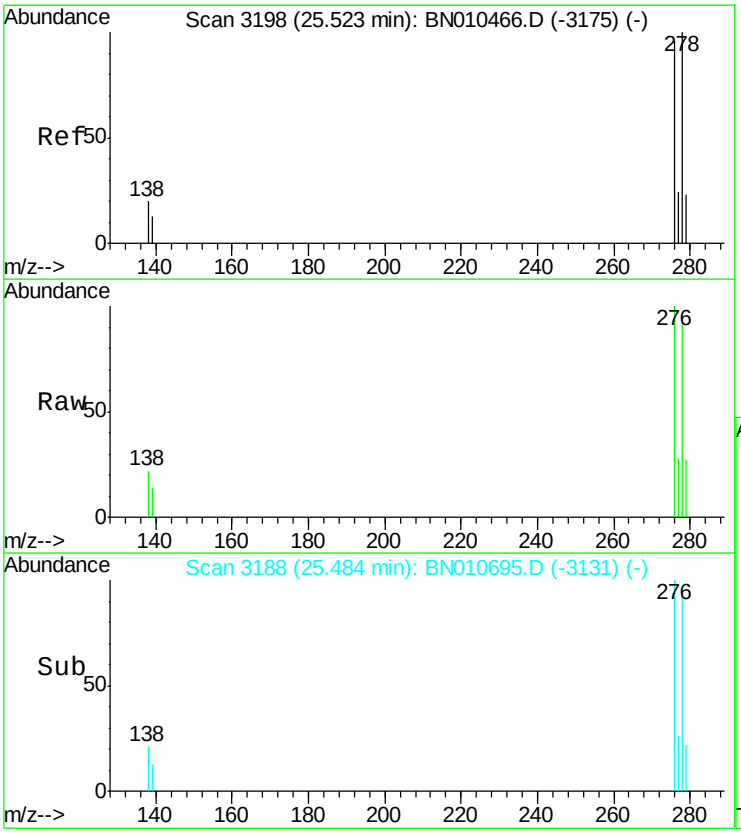
#37
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.24 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:252 Resp: 17989

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.8	32.8
125	15.7	11.0	16.6

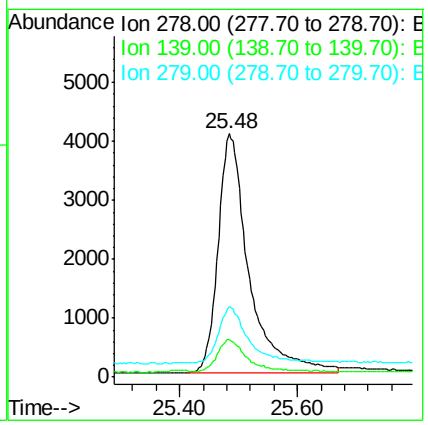


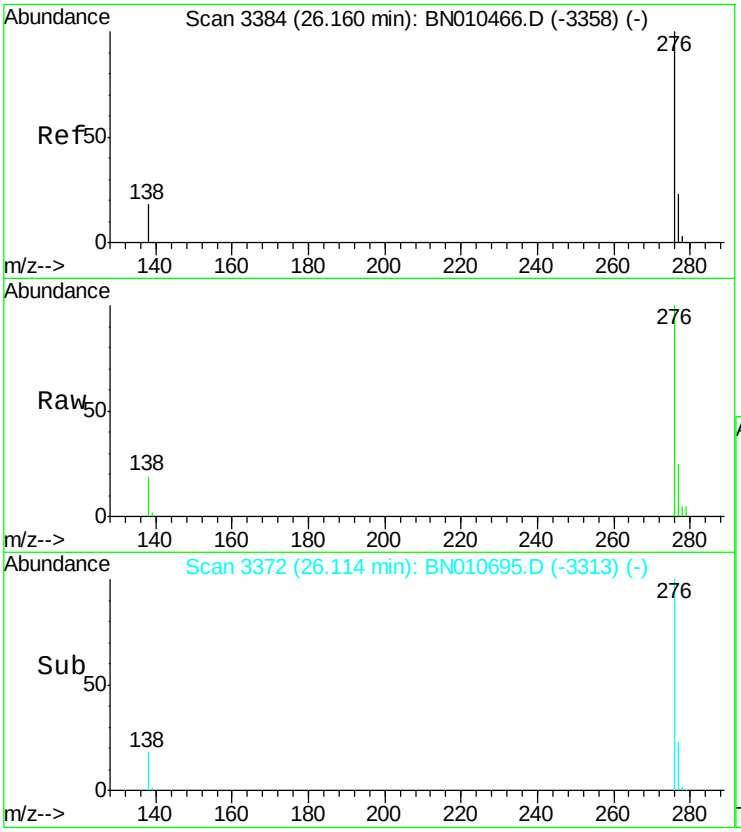


#38
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 25.48 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Tgt Ion:278 Resp: 14718

Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.3	18.5
279	29.1	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.40 ng
RT: 26.11 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BN010695.D
Acq: 12 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
PB128768BS

Tgt Ion:276 Resp: 18166

Ion	Ratio	Lower	Upper
276	100		
277	24.5	20.2	30.2
138	19.4	15.4	23.2