Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
Data File : BN010671.D
Acq On : 30 Apr 2020 13:13
Operator : CG/JU
Sample : PB128567BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128567BS

Quant Time: Apr 30 13:43:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 11:18:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3203	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	13171	0.40	ng		0.01
13) Acenaphthene-d10	14.20	164	8646	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	19412	0.40	ng		0.00
27) Chrysene-d12	21.16	240	16107	0.40	ng		0.00
34) Perylene-d12	23.33	264	14618	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	2174	0.31	ng		0.00
5) Phenol-d6	6.78	99	2780	0.30	ng		0.00
8) Nitrobenzene-d5	8.72	82	2809	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	9860	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	886	0.22	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	9508	0.30	ng		0.00
25) Fluoranthene-d10	18.99	212	15513	0.26	ng		0.00
29) Terphenyl-d14	19.60	244	12050	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	722	0.306	ng	#	80
3) n-Nitrosodimethylamine	3.55	42	668	0.437	ng		77
6) bis(2-Chloroethyl)ether	7.02	93	3369	0.424	ng		98
9) Naphthalene	10.38	128	13837	0.423	ng		98
10) Hexachlorobutadiene	10.68	225	2960	0.375	ng	#	98
12) 2-Methylnaphthalene	12.01	142	10287	0.438	ng		99
16) Acenaphthylene	13.92	152	14680	0.393	ng		100
17) Acenaphthene	14.27	154	9816	0.409	ng		100
18) Fluorene	15.26	166	13172	0.419	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	4170	0.387	ng	#	83
21) Hexachlorobenzene	16.27	284	4950	0.402	ng		97
22) Pentachlorophenol	16.62	266	3693	0.763	ng		98
23) Phenanthrene	17.00	178	21844	0.417	ng		100
24) Anthracene	17.09	178	18802	0.392	ng		100
26) Fluoranthene	19.02	202	24898	0.382	ng		99
28) Pyrene	19.39	202	24627	0.454	ng		99
30) Benzo(a)anthracene	21.14	228	19824	0.377	ng		99
31) Chrysene	21.20	228	21718	0.415	ng		100
32) Bis(2-ethylhexyl)phthalate	21.10	149	8161	0.303	ng		99
33) Indeno(1,2,3-cd)pyrene	25.47	276	20947	0.453	ng		99
35) Benzo(b)fluoranthene	22.69	252	19490	0.405	ng		99
36) Benzo(k)fluoranthene	22.73	252	21423	0.444	ng		98
37) Benzo(a)pyrene	23.24	252	17967	0.422	ng		99
38) Dibenzo(a,h)anthracene	25.48	278	16865	0.433	ng		98
39) Benzo(g,h,i)perylene	26.11	276	18522	0.472	ng		100

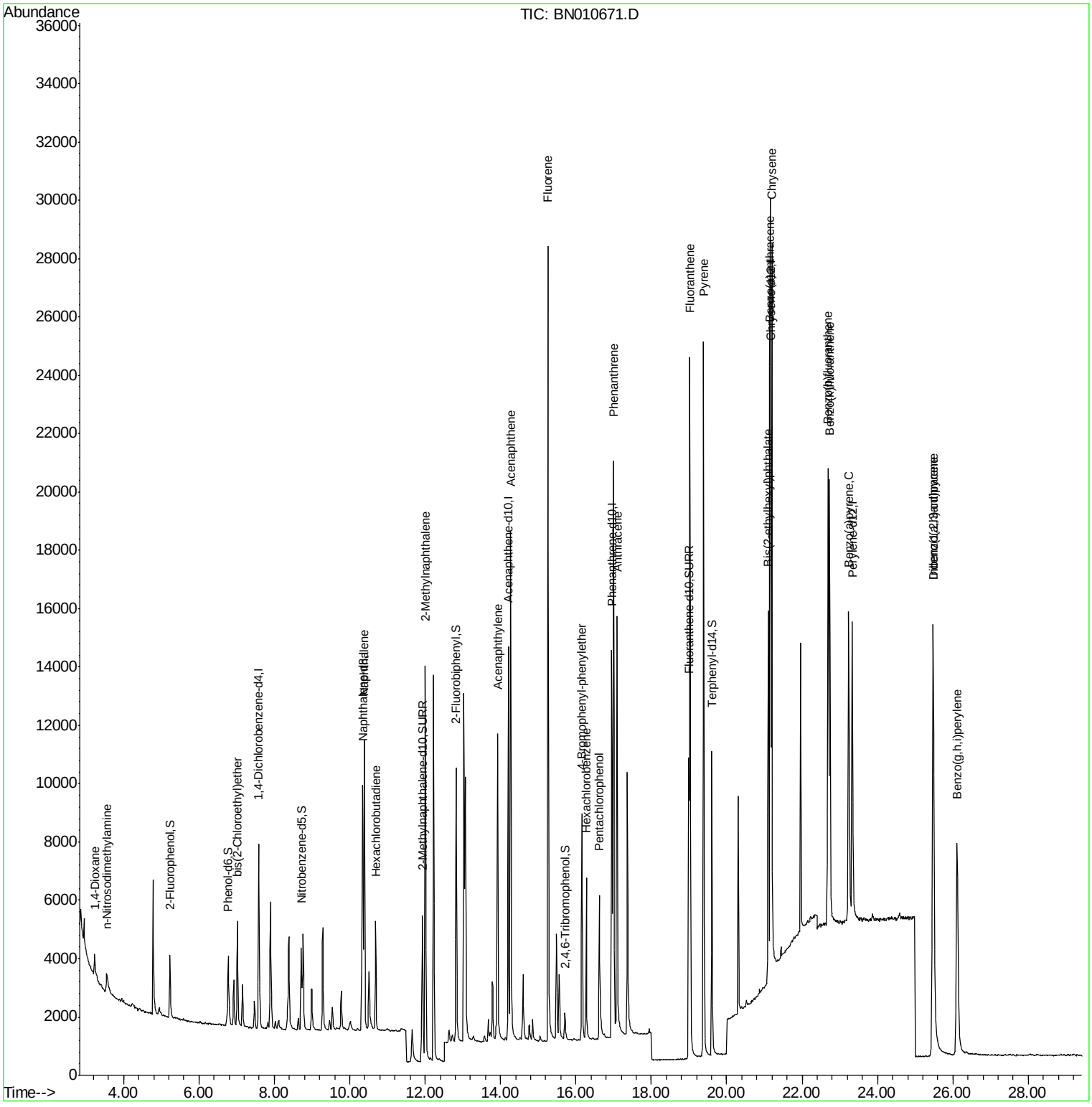
(#) = qualifier out of range (m) = manual integration (+) = signals summed

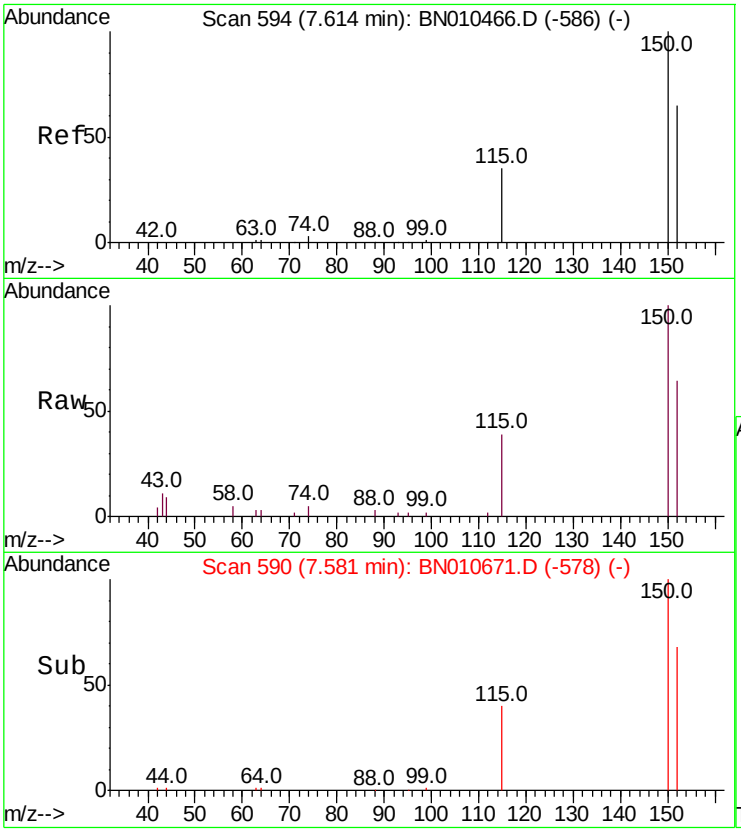
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN043020\
Data File : BN010671.D
Acq On : 30 Apr 2020 13:13
Operator : CG/JU
Sample : PB128567BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Quant Time: Apr 30 13:43:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 11:18:31 2020
Response via : Initial Calibration



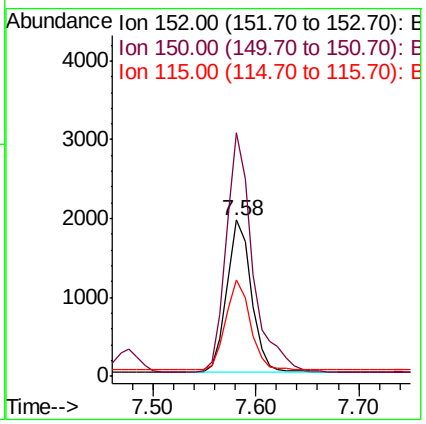


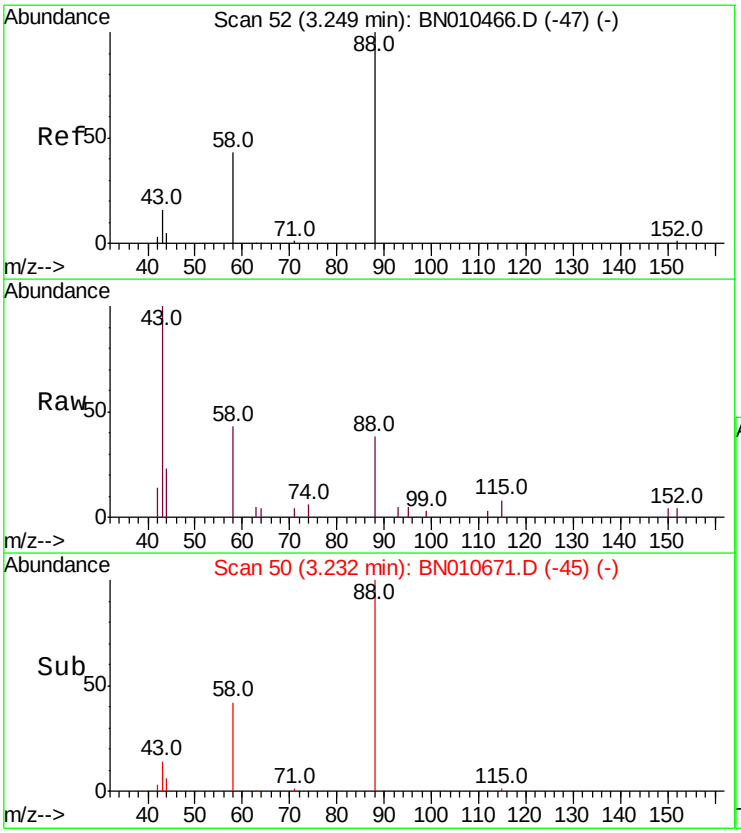
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:152 Resp: 3203

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.8	182.6
115	61.6	45.5	68.3

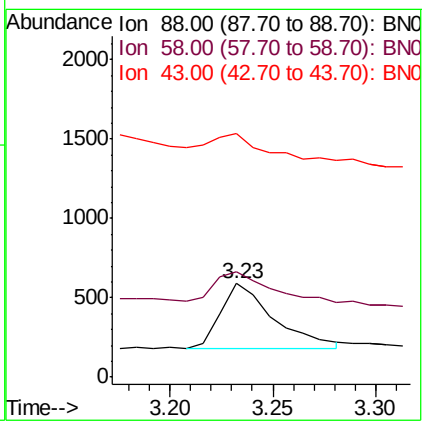


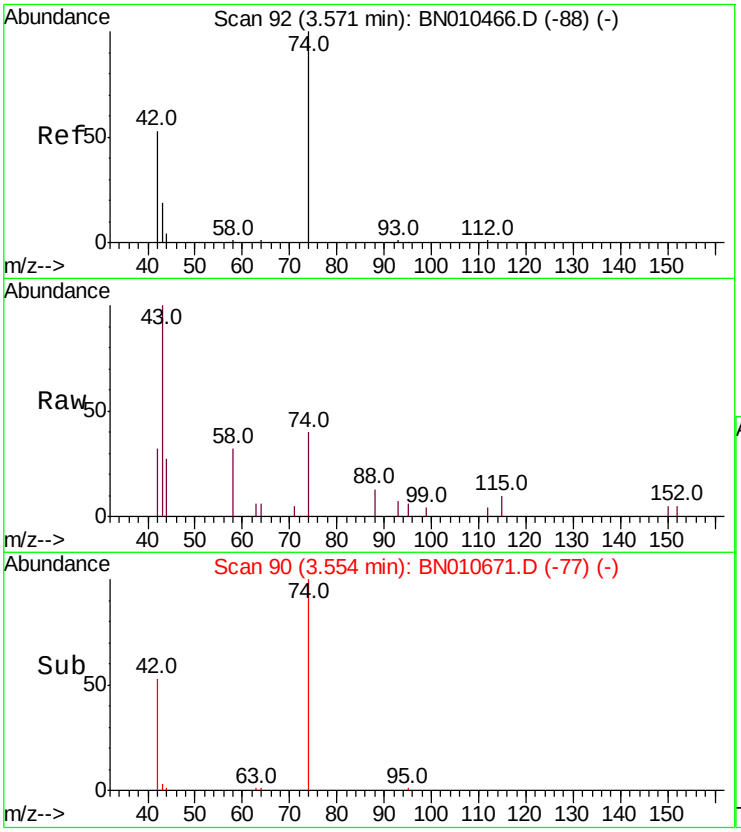


#2
1,4-Dioxane
Concen: 0.306 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion: 88 Resp: 722

Ion	Ratio	Lower	Upper
88	100		
58	49.6	36.5	54.7
43	42.1	13.2	19.8#



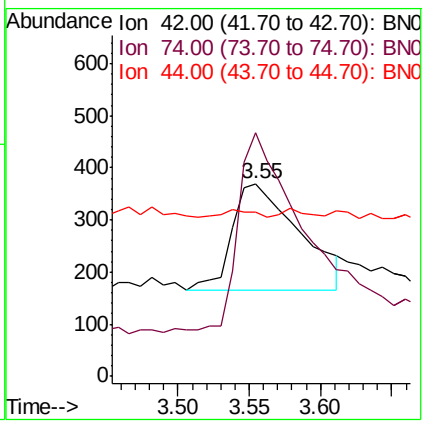


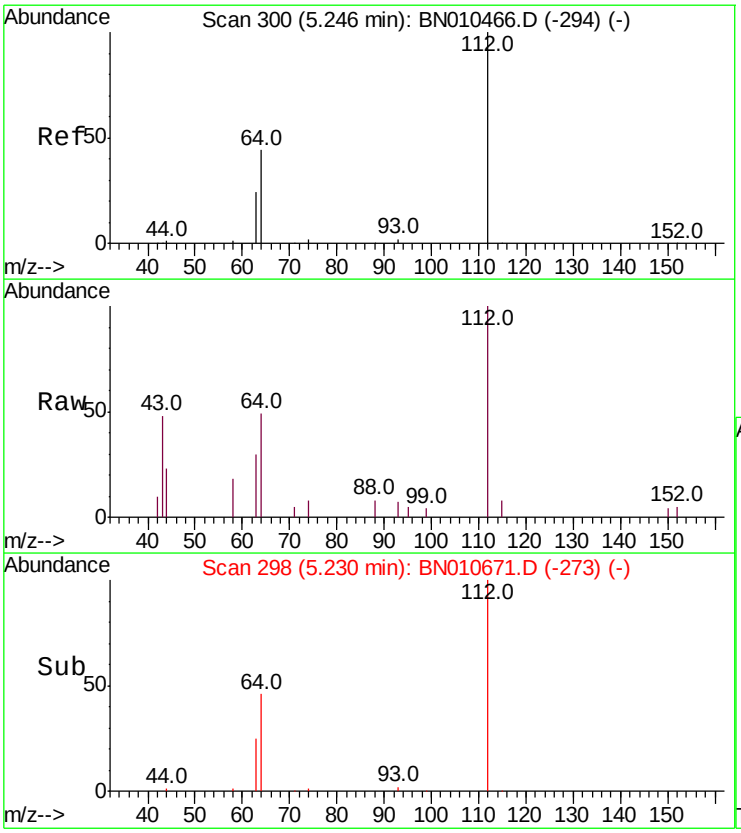
#3
n-Nitrosodimethylamine
Concen: 0.437 ng
RT: 3.55 min Scan# 90
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion: 42 Resp: 668

Ion	Ratio	Lower	Upper
42	100		
74	167.2	162.2	243.4
44	3.0	2.4	3.6

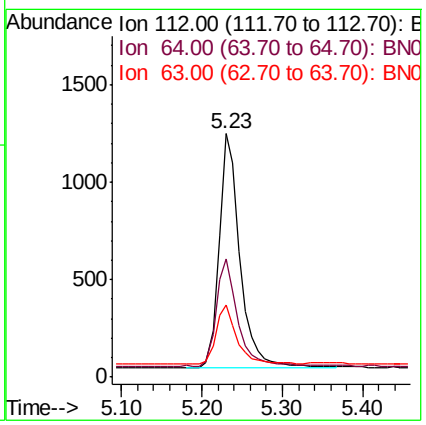


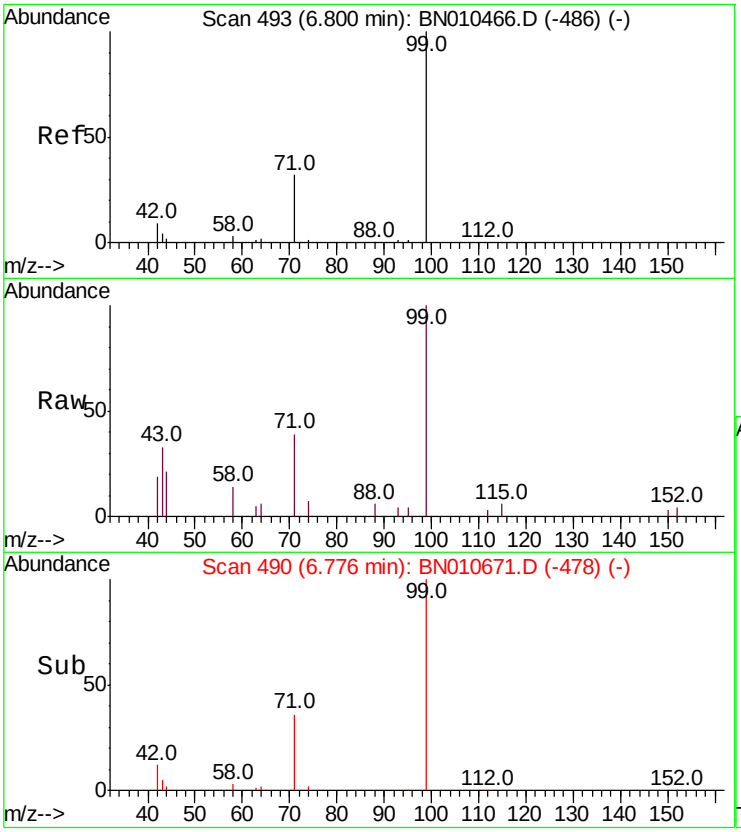


#4
2-Fluorophenol
Concen: 0.310 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:112 Resp: 2174

Ion	Ratio	Lower	Upper
112	100		
64	47.0	35.8	53.8
63	24.3	19.9	29.9



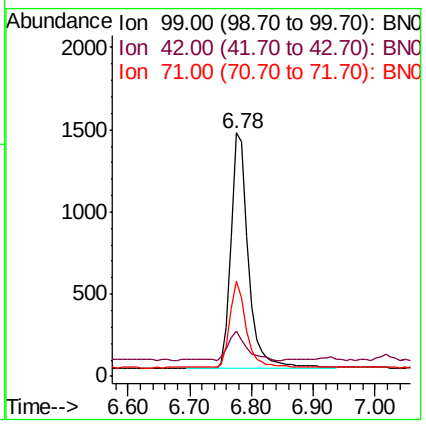


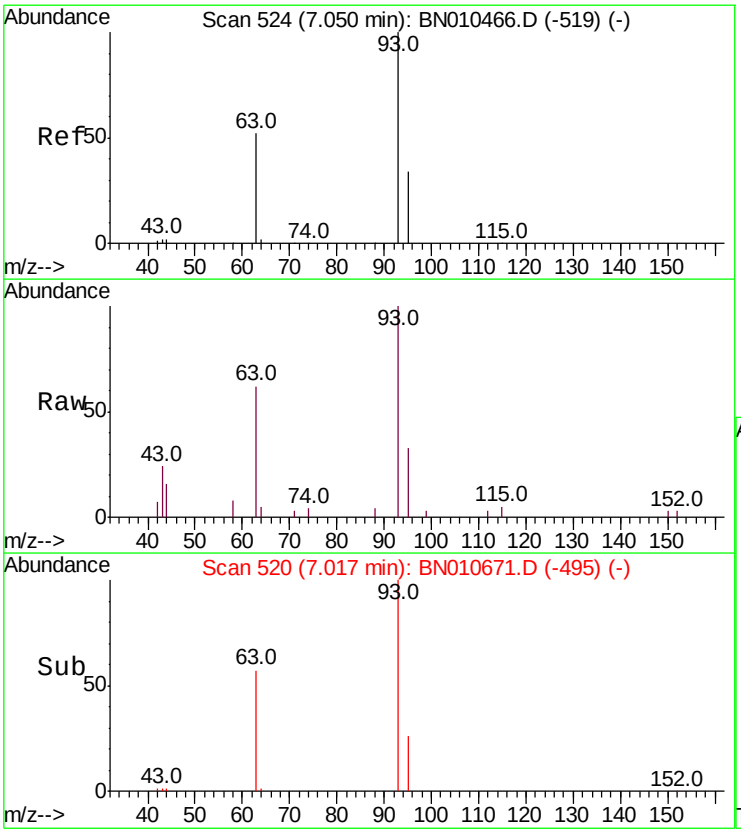
#5
Phenol-d6
Concen: 0.303 ng
RT: 6.78 min Scan# 490
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion: 99 Resp: 2780

Ion	Ratio	Lower	Upper
99	100		
42	12.6	9.8	14.6
71	34.3	27.8	41.8

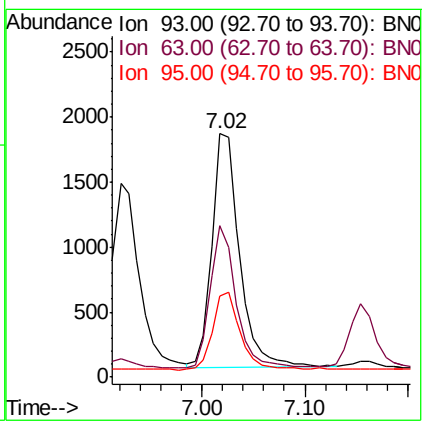


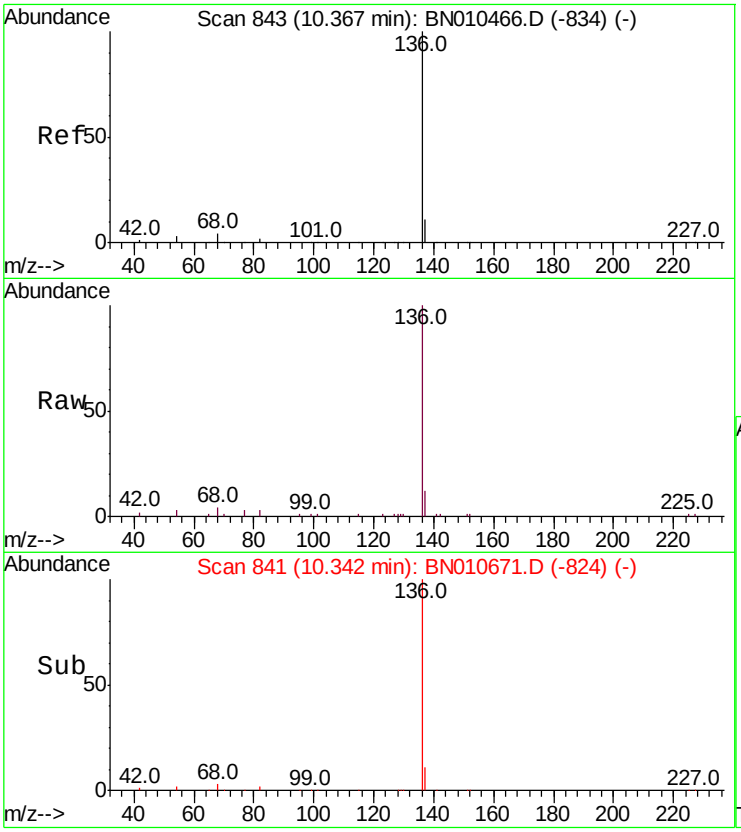


#6
bis(2-Chloroethyl)ether
Concen: 0.424 ng
RT: 7.02 min Scan# 520
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion: 93 Resp: 3369

Ion	Ratio	Lower	Upper
93	100		
63	57.5	44.6	66.8
95	32.8	26.5	39.7



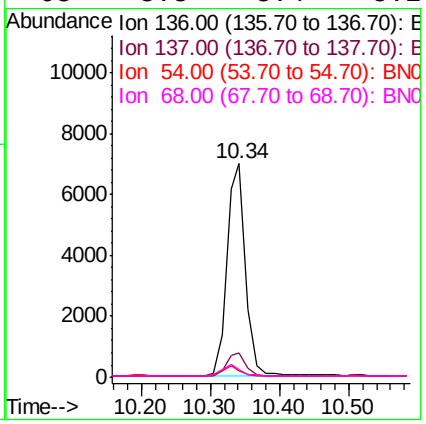


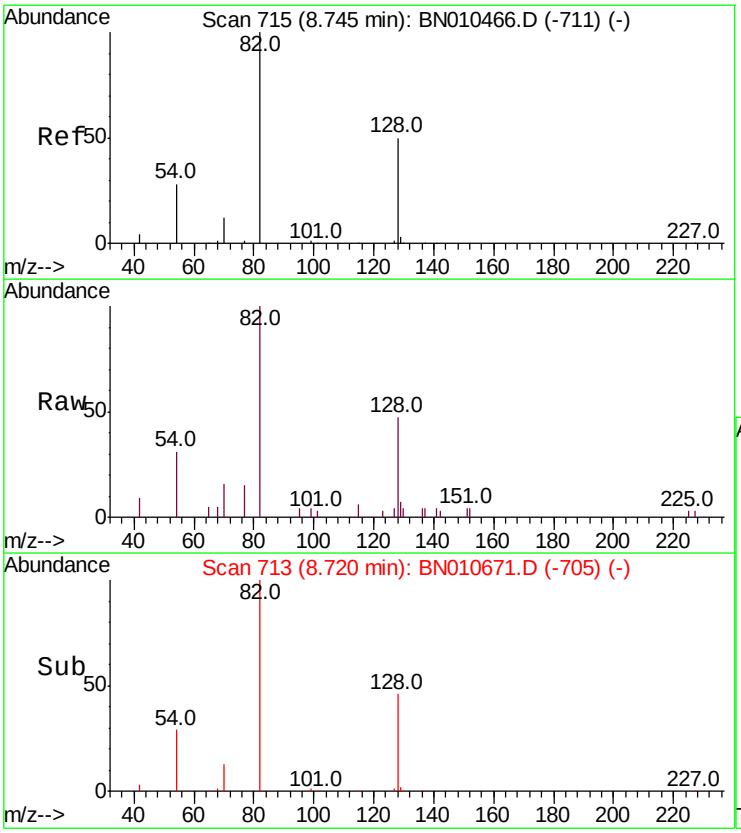
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:136 Resp: 13171

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	3.1	2.6	4.0
68	3.8	3.4	5.2

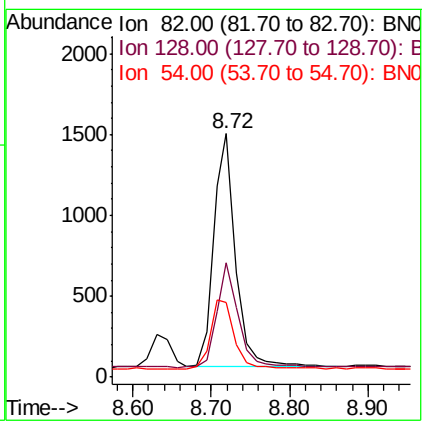


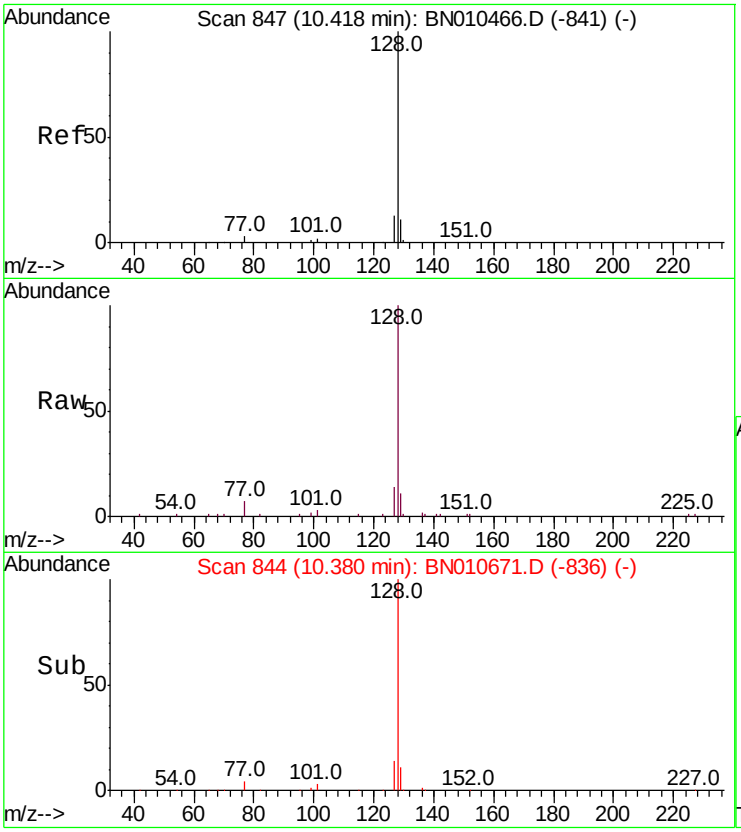


#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion: 82 Resp: 2809

Ion	Ratio	Lower	Upper
82	100		
128	47.0	41.3	61.9
54	30.8	23.4	35.0



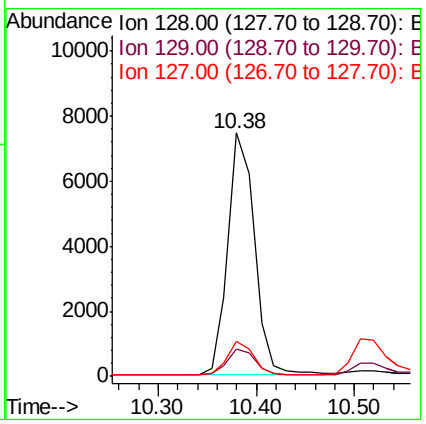


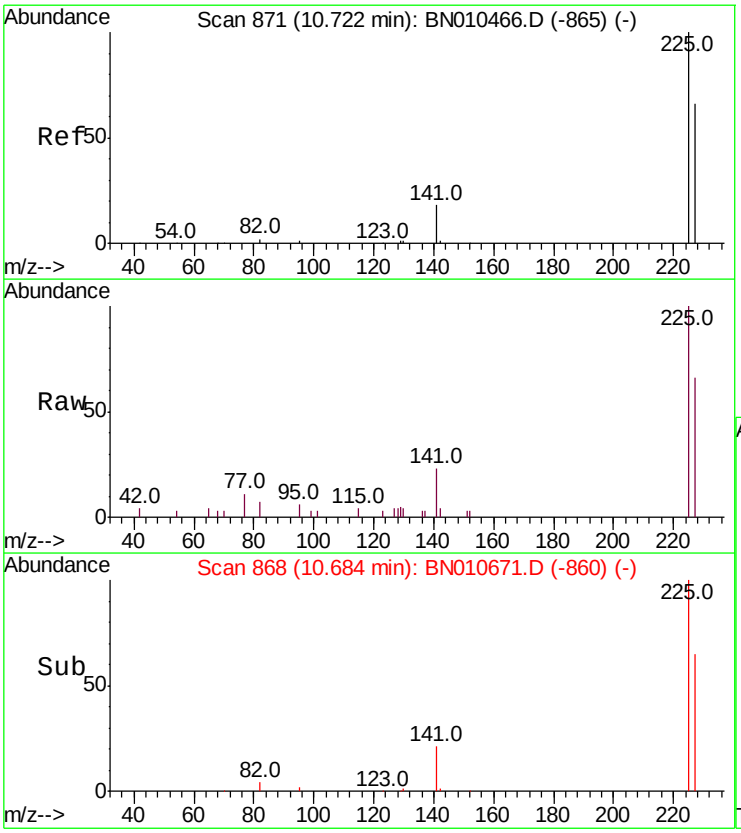
#9
Naphthalene
Concen: 0.423 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:128 Resp: 13837

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	14.2	10.5	15.7

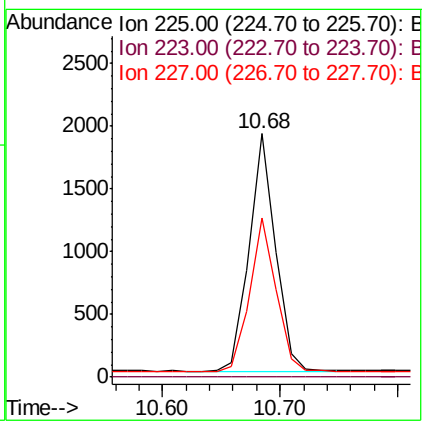


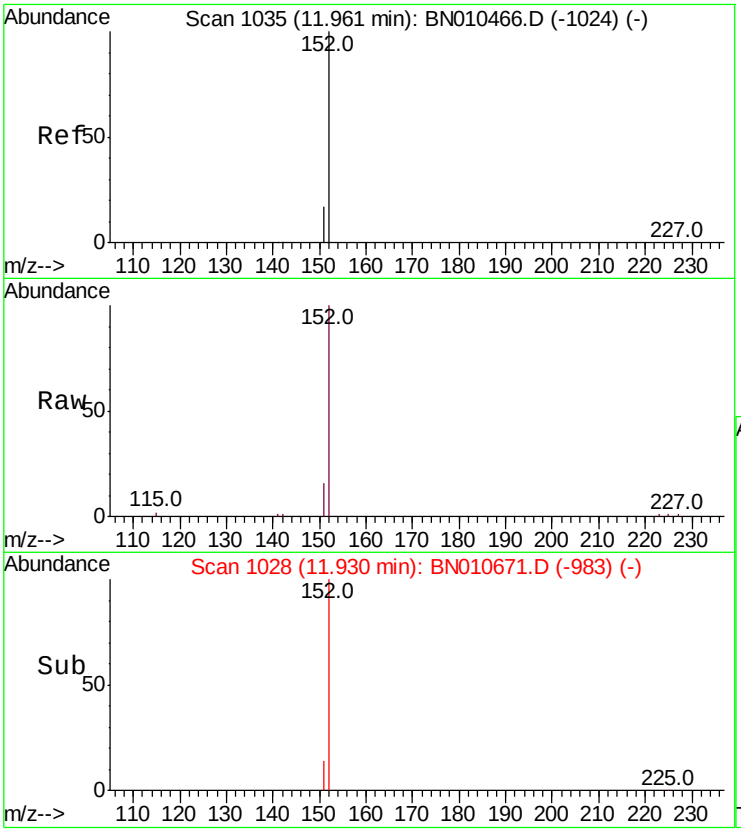


#10
Hexachlorobutadiene
Concen: 0.375 ng
RT: 10.68 min Scan# 868
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:225 Resp: 2960

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	50.6	76.0



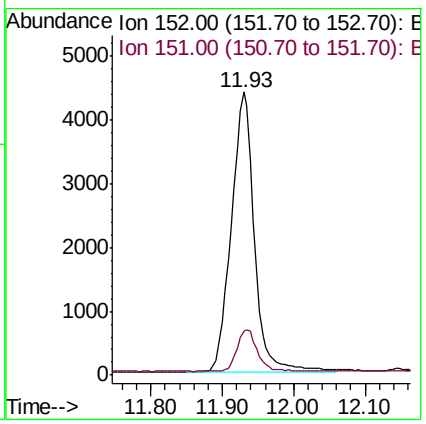


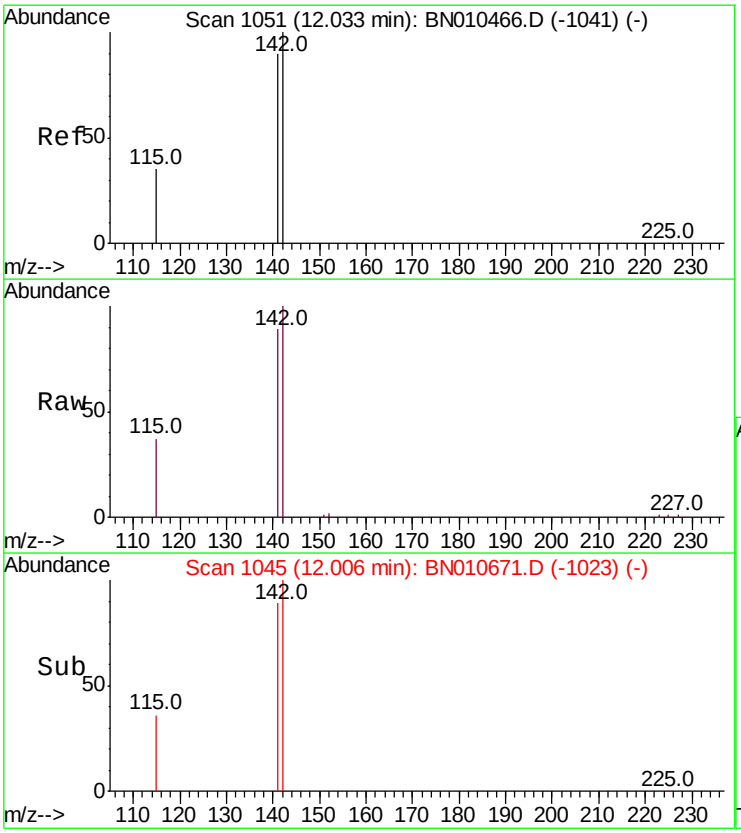
#11
2-Methylnaphthalene-d10
Concen: 0.455 ng
RT: 11.93 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:152 Resp: 9860

Ion	Ratio	Lower	Upper
152	100		
151	13.1	15.3	22.9#

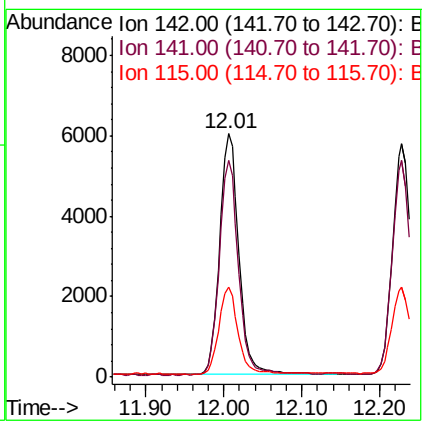


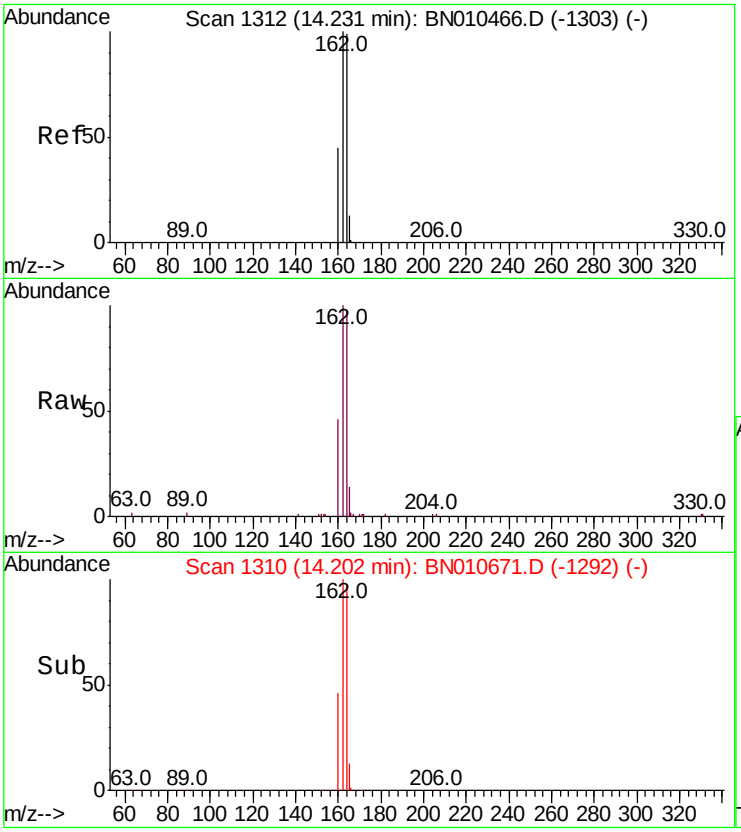


#12
2-Methylnaphthalene
Concen: 0.438 ng
RT: 12.01 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:142 Resp: 10287

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9
115	36.9	28.8	43.2



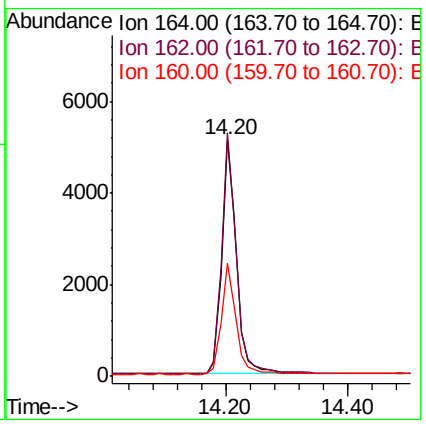


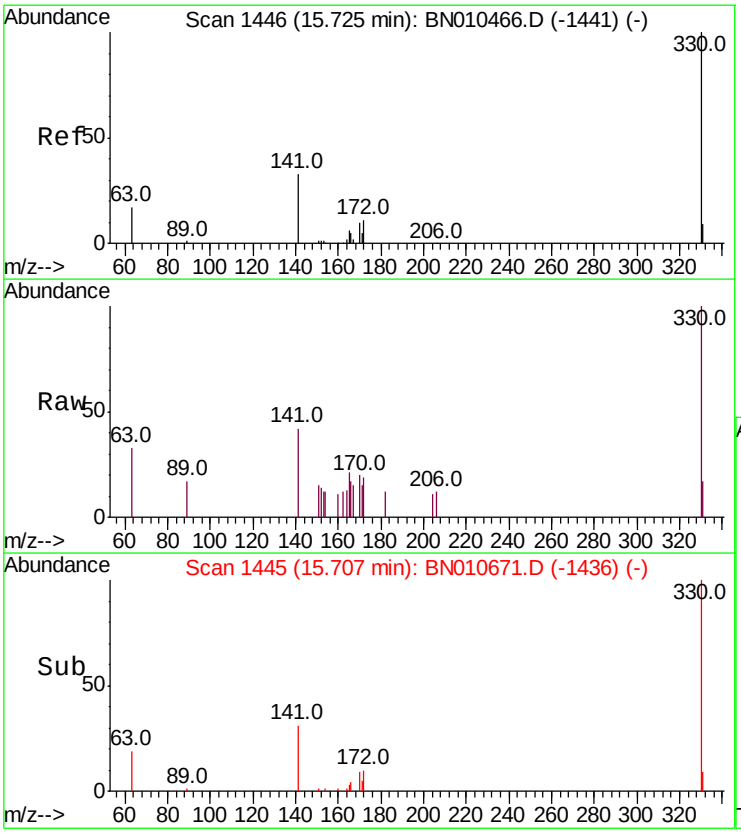
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:164 Resp: 8646

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	121.0
160	47.9	36.5	54.7

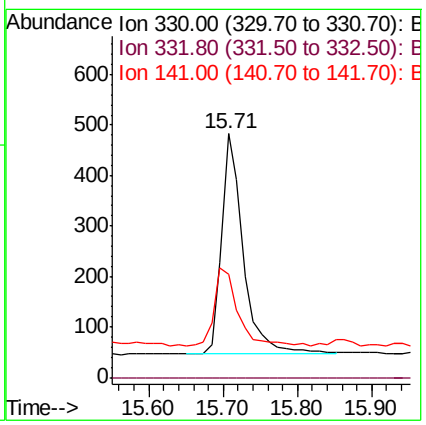


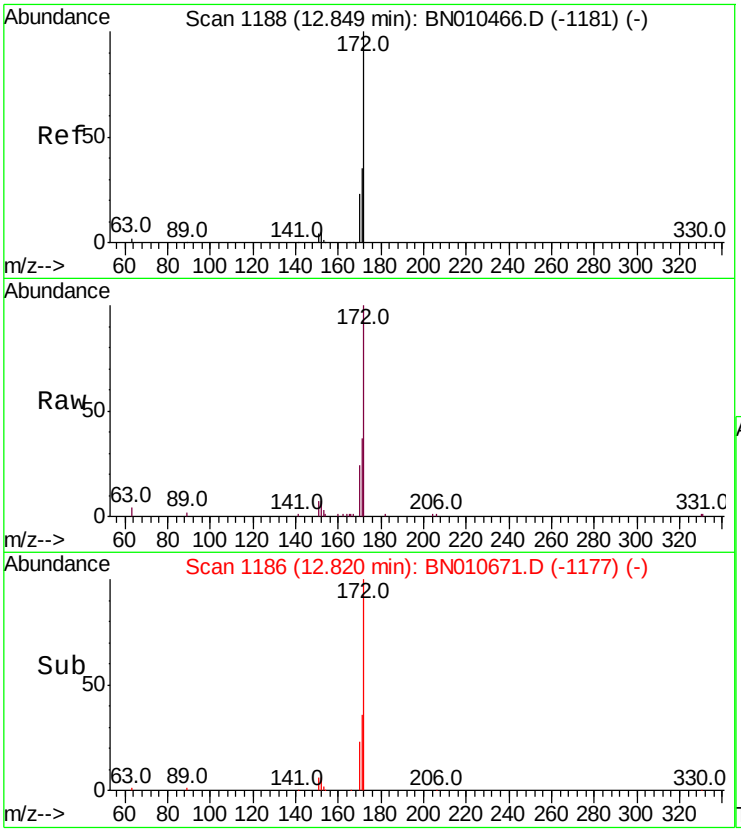


#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:330 Resp: 886

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.5	28.1	42.1



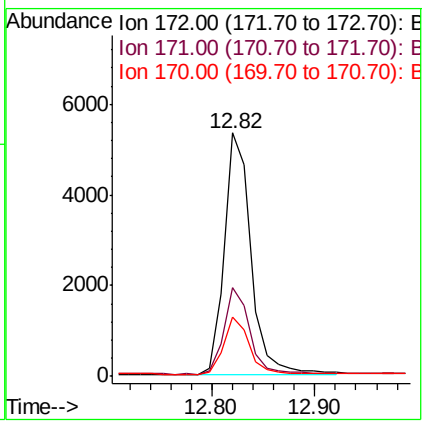


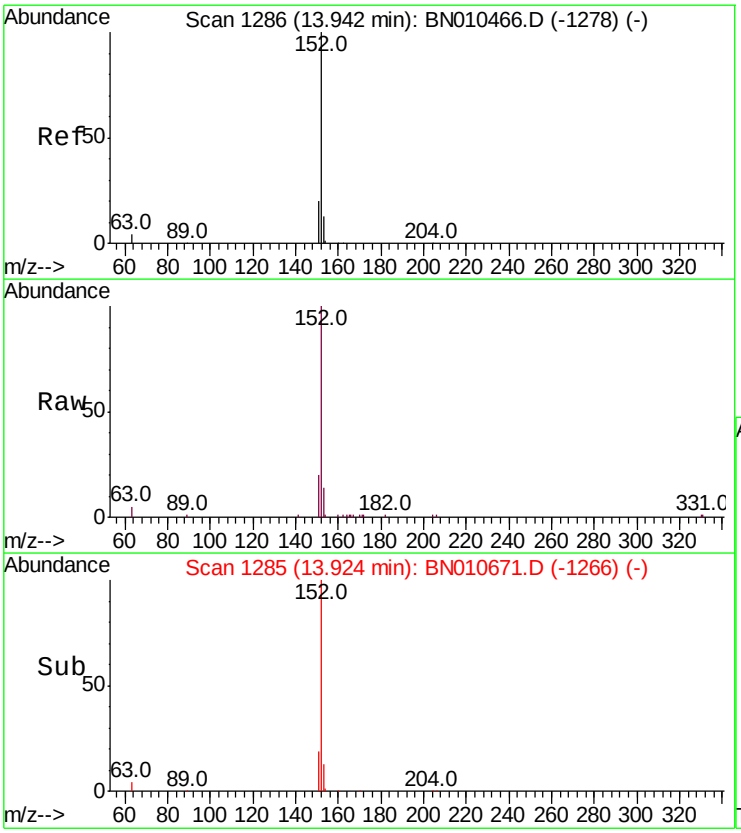
#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 12.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:172 Resp: 9508

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.2	42.2
170	24.1	18.4	27.6

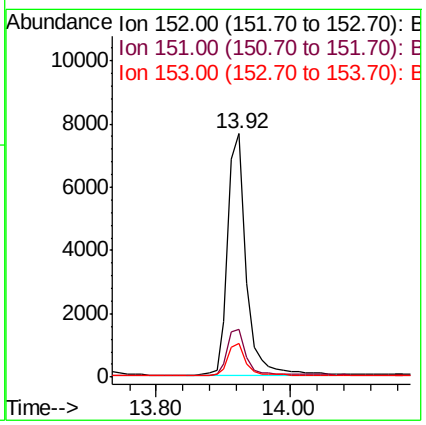


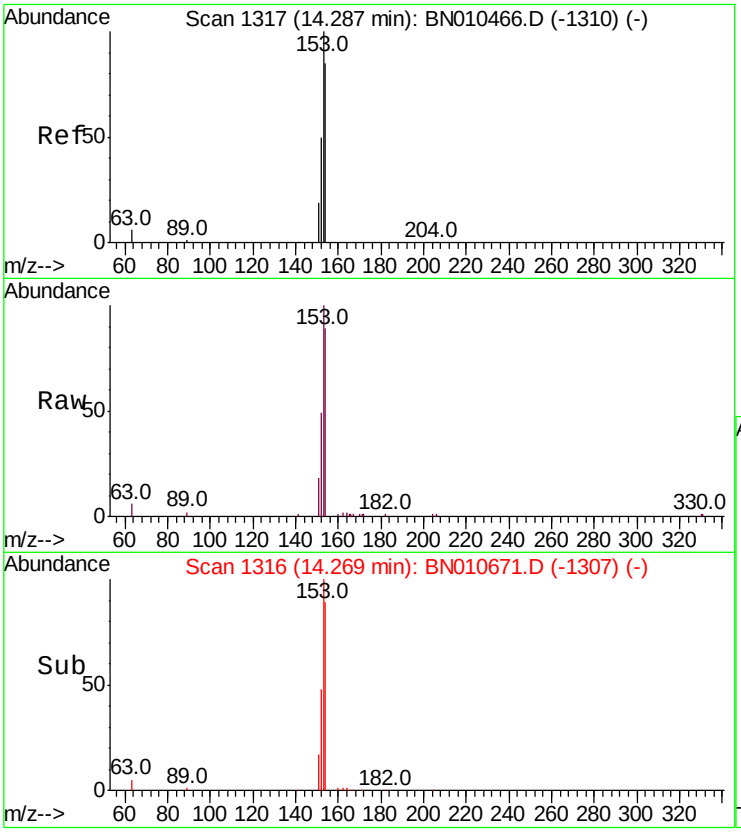


#16
Acenaphthylene
Concen: 0.393 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:152 Resp: 14680

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.6	15.8



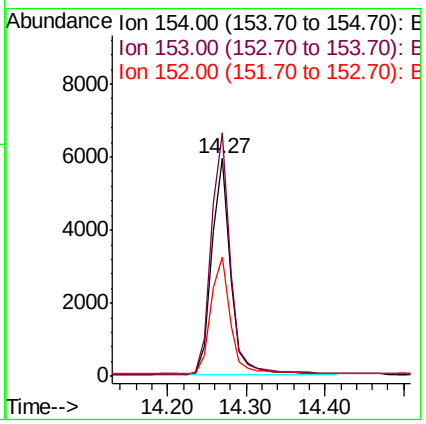


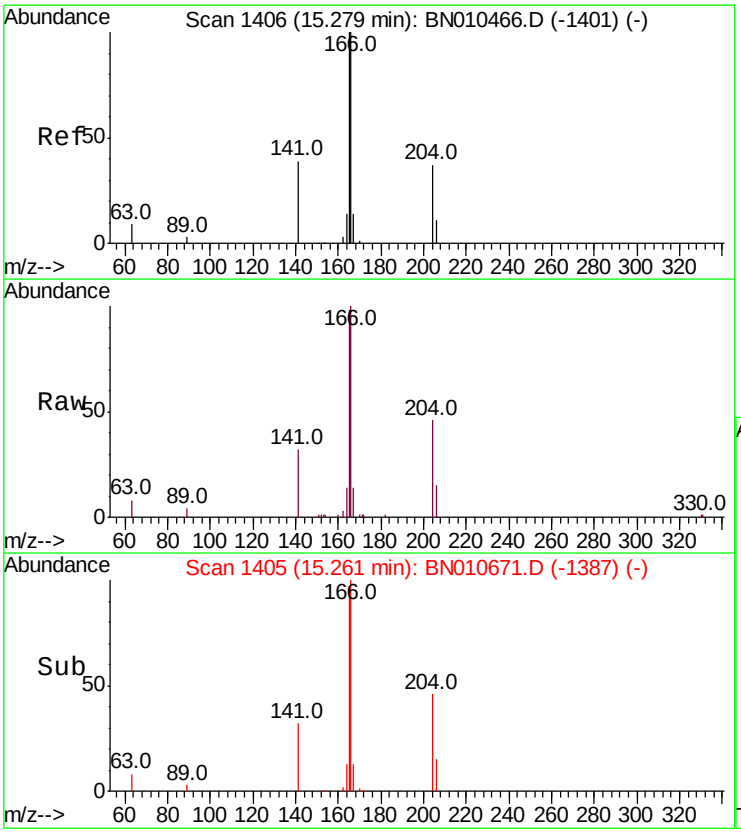
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.27 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:154 Resp: 9816

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.0	136.4
152	55.8	44.6	67.0

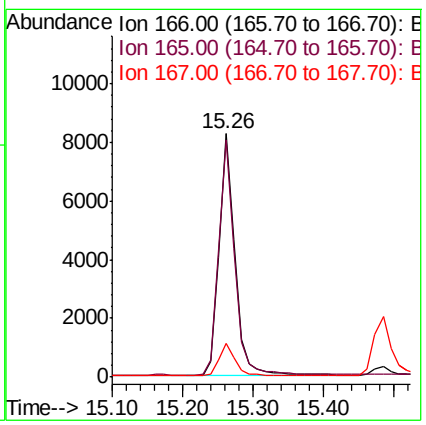


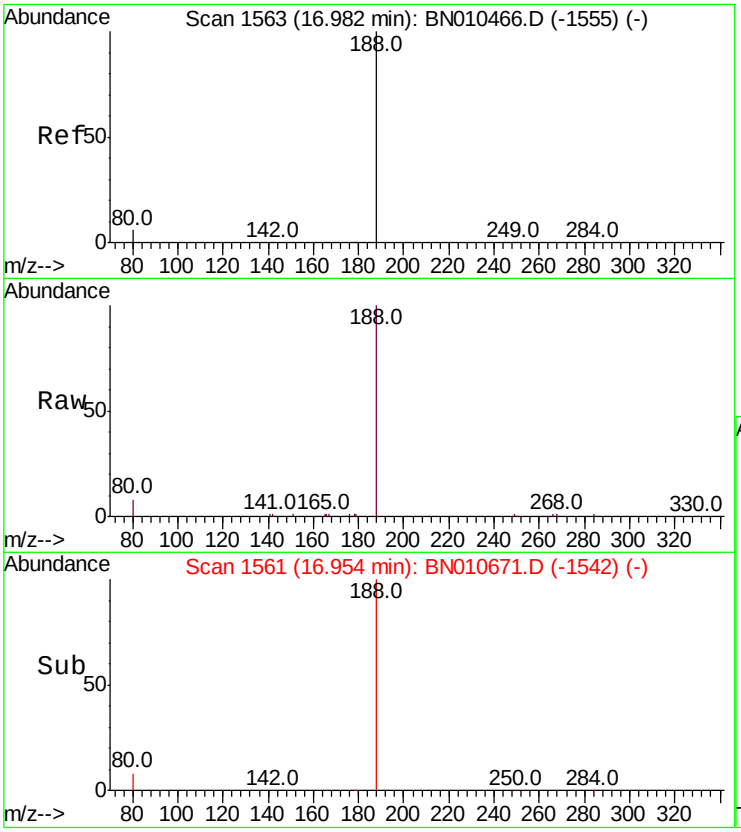


#18
Fluorene
Concen: 0.419 ng
RT: 15.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:166 Resp: 13172

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.4	117.6
167	13.4	10.9	16.3



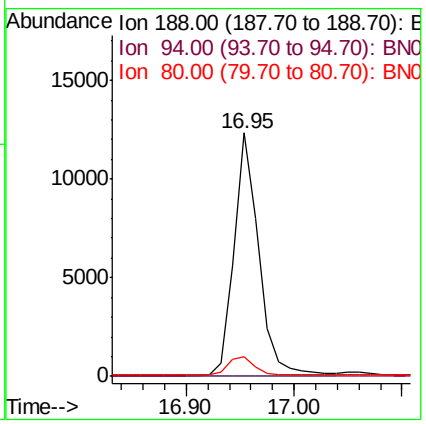


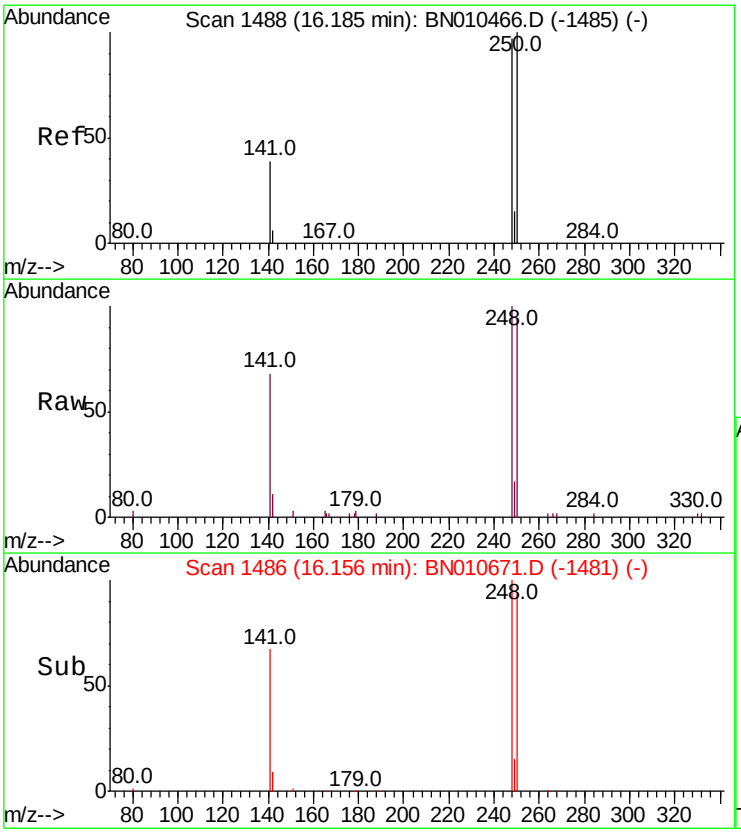
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:188 Resp: 19412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.0	5.0	7.6#

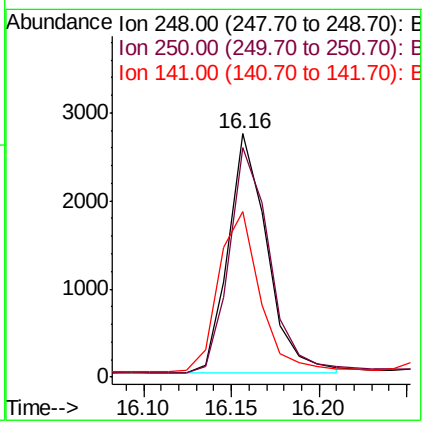


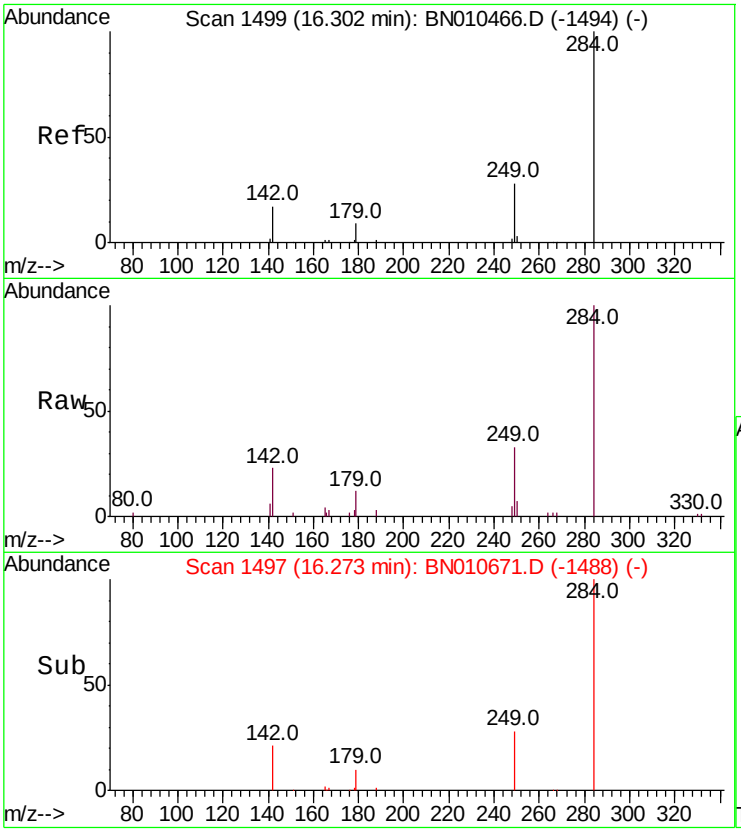


#20
4-Bromophenyl-phenylether
Concen: 0.387 ng
RT: 16.16 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:248 Resp: 4170

Ion	Ratio	Lower	Upper
248	100		
250	94.1	82.3	123.5
141	67.9	35.2	52.8#



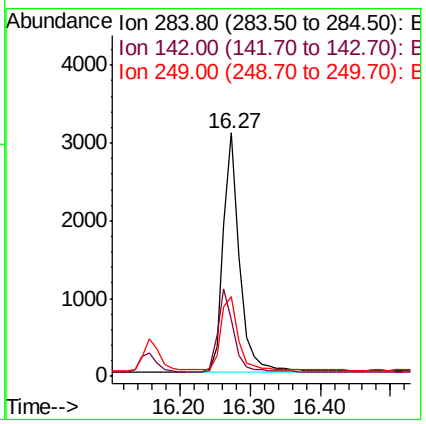


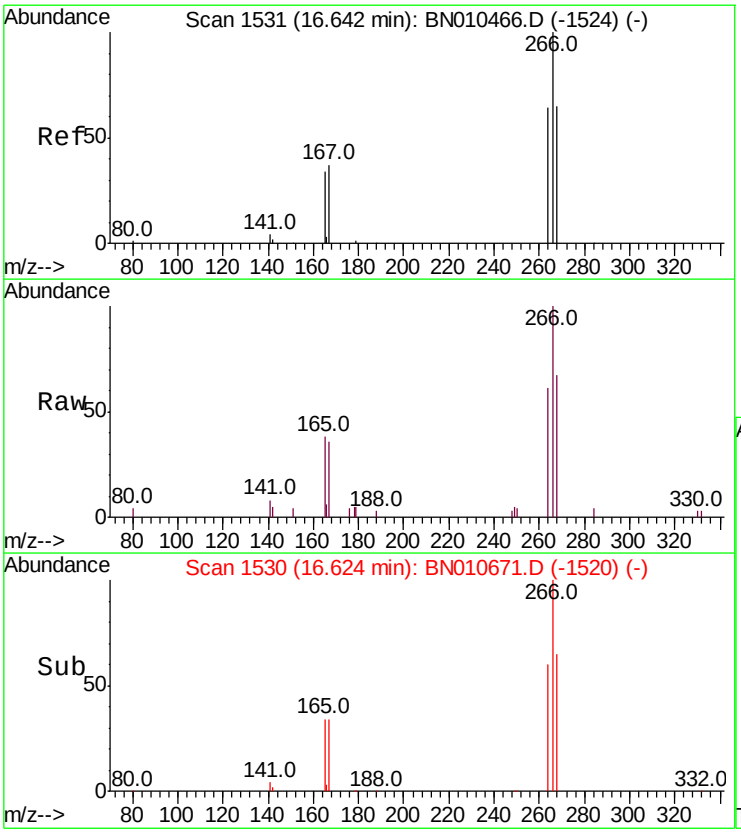
#21
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:284 Resp: 4950

Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.5	38.3
249	33.8	25.8	38.6

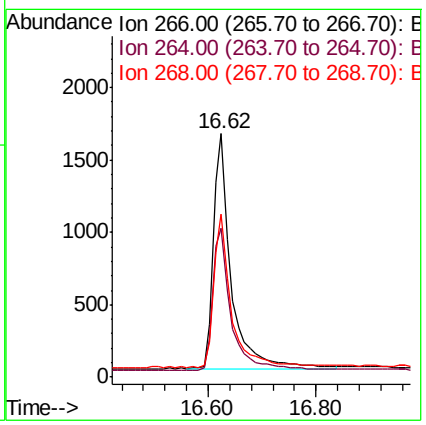


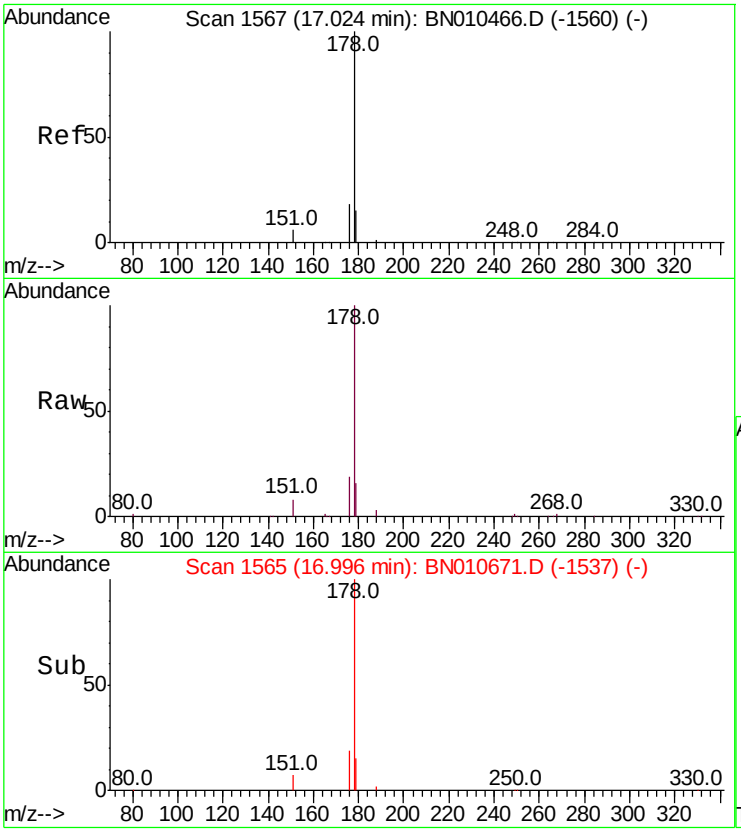


#22
Pentachlorophenol
Concen: 0.763 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:266 Resp: 3693

Ion	Ratio	Lower	Upper
266	100		
264	60.9	51.8	77.6
268	67.1	53.7	80.5



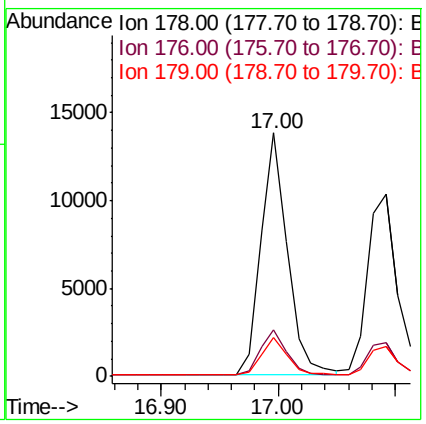


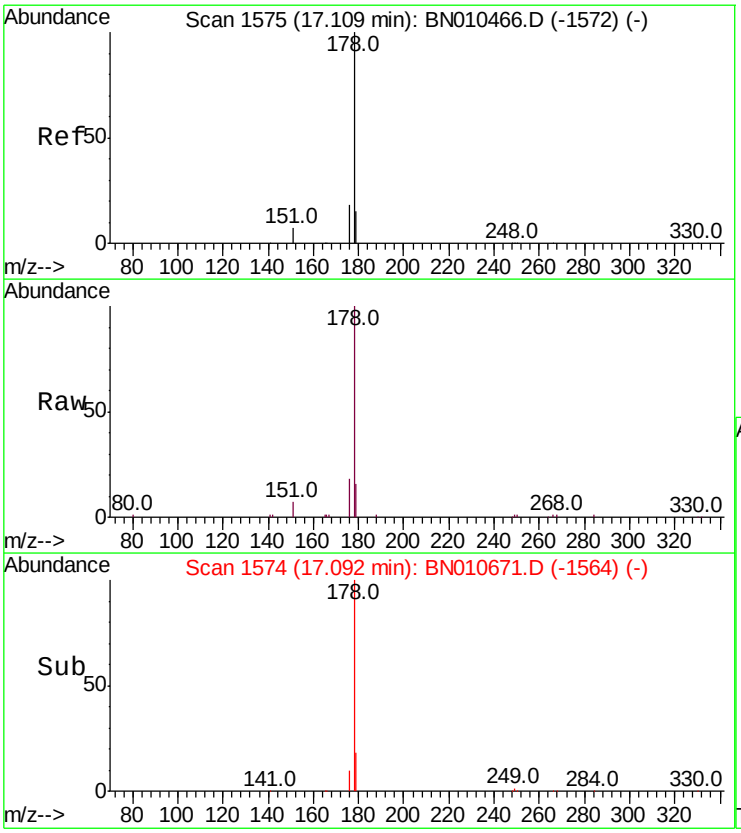
#23
Phenanthrene
Concen: 0.417 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:178 Resp: 21844

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.4	12.6	18.8

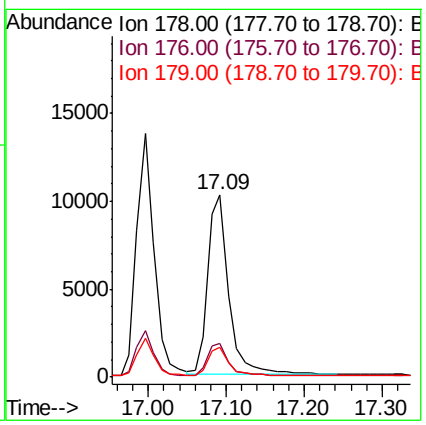


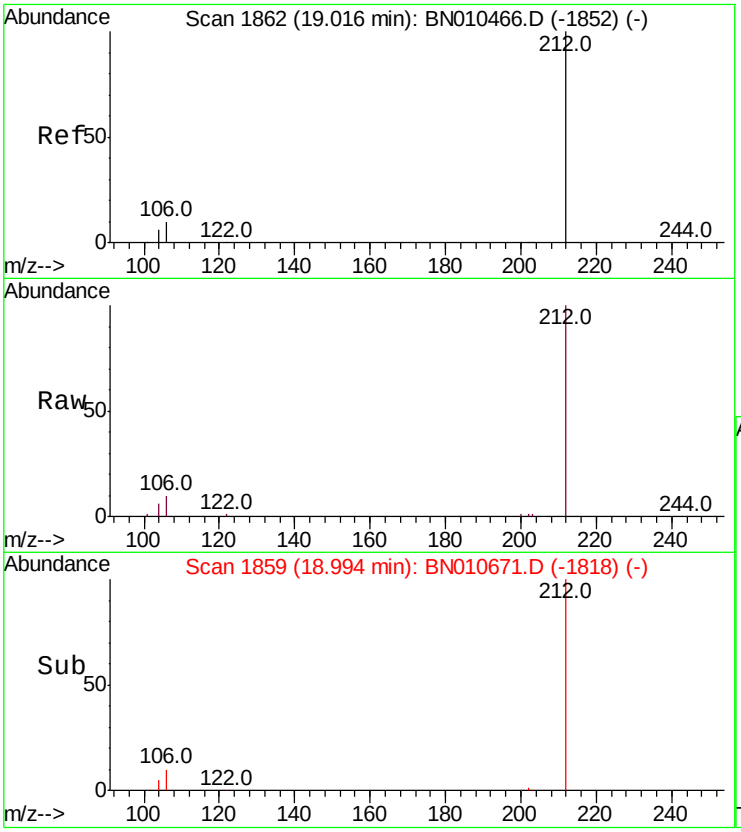


#24
Anthracene
Concen: 0.392 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:178 Resp: 18802

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.2	18.2



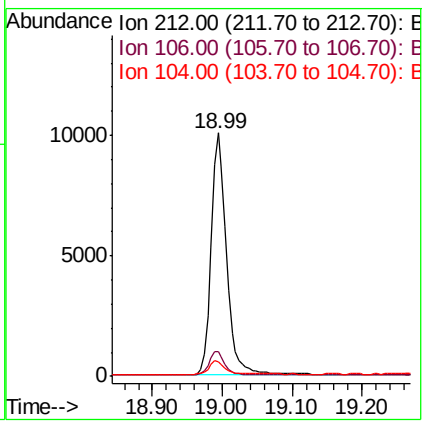


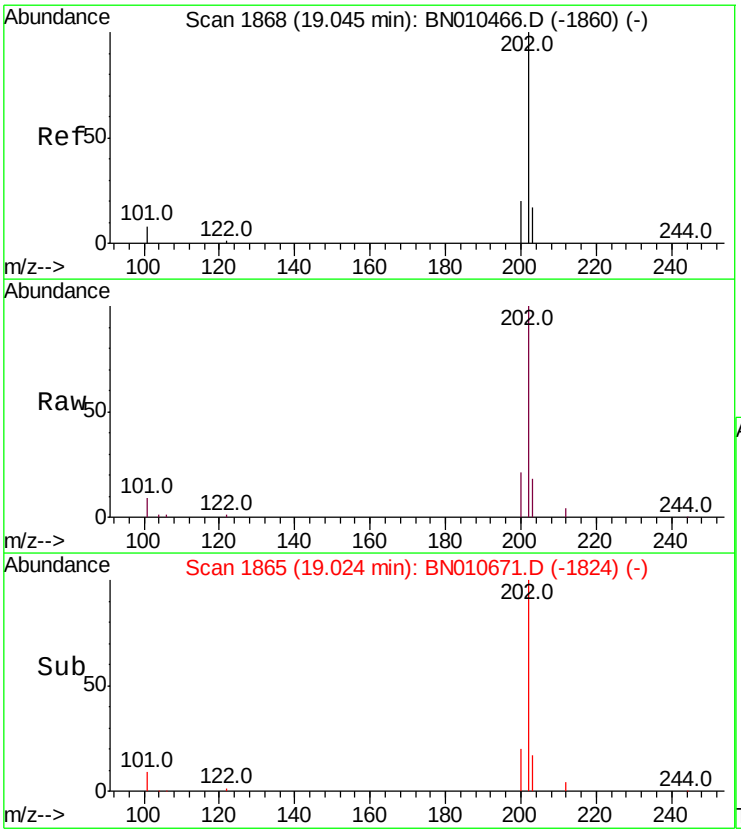
#25
Fluoranthene-d10
Concen: 0.264 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:212 Resp: 15513

Ion	Ratio	Lower	Upper
212	100		
106	9.8	7.8	11.6
104	5.7	4.5	6.7

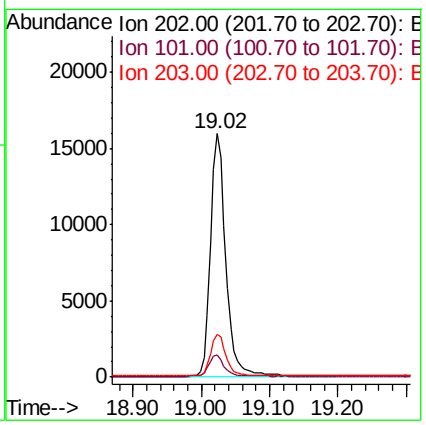


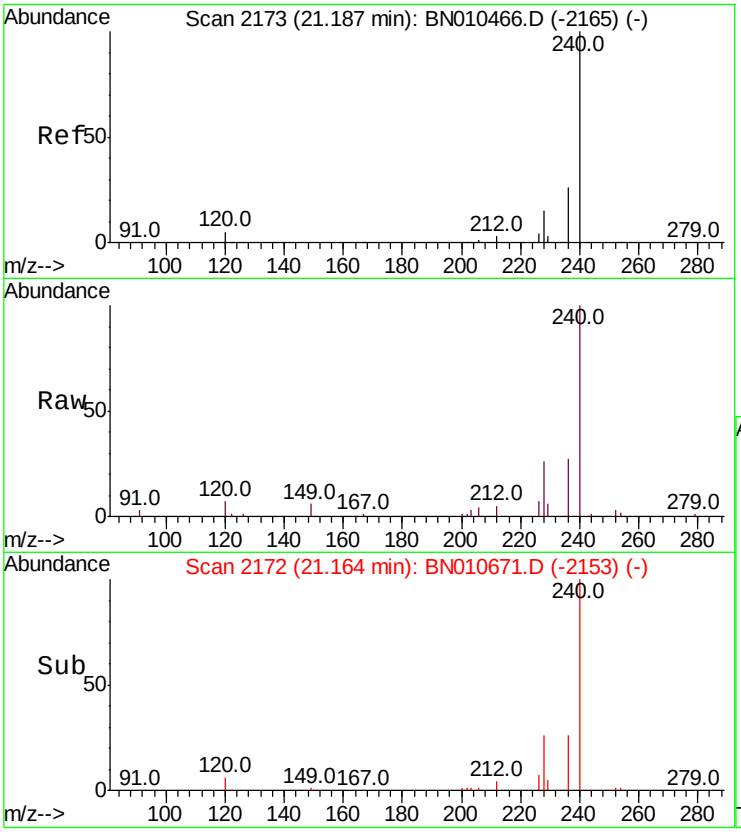


#26
Fluoranthene
Concen: 0.382 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:202 Resp: 24898

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
203	17.1	13.9	20.9



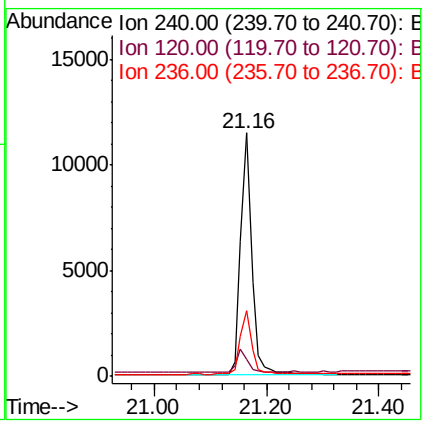


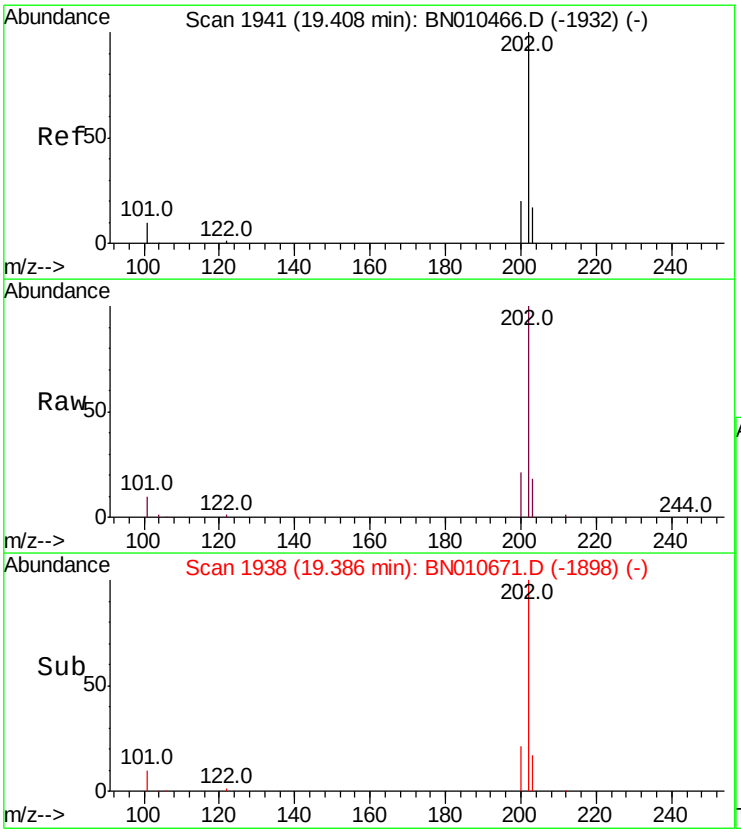
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:240 Resp: 16107

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.8	7.2
236	27.1	21.4	32.0

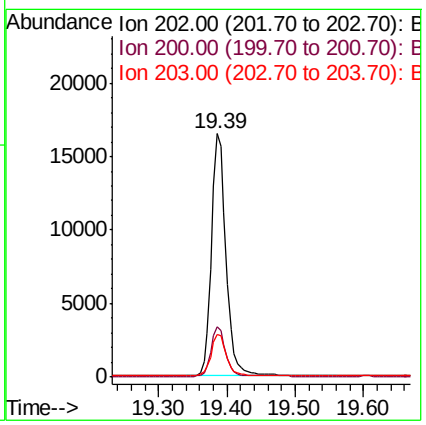


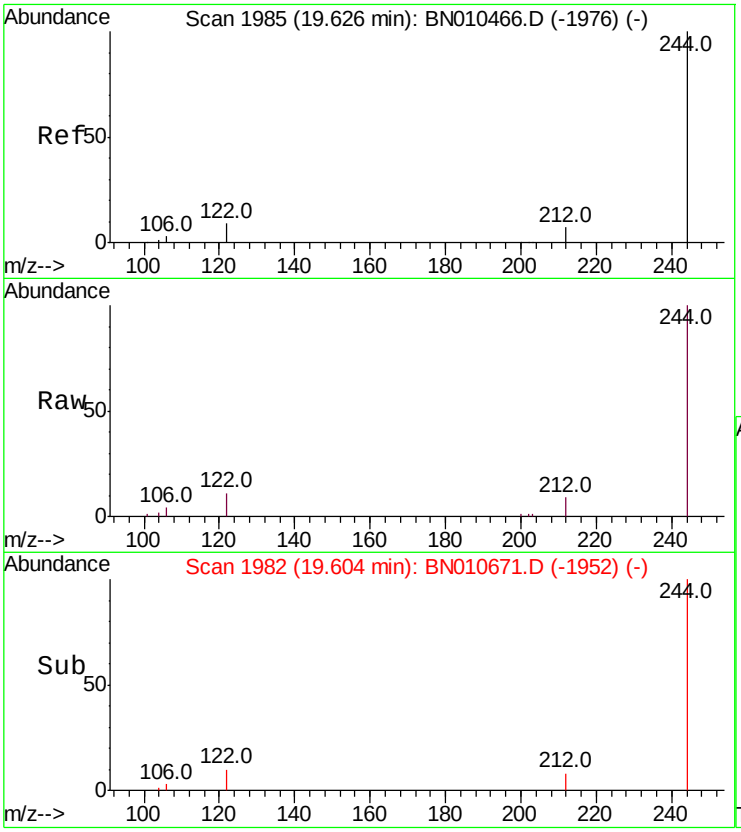


#28
Pyrene
Concen: 0.454 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:202 Resp: 24627

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.9	14.0	21.0



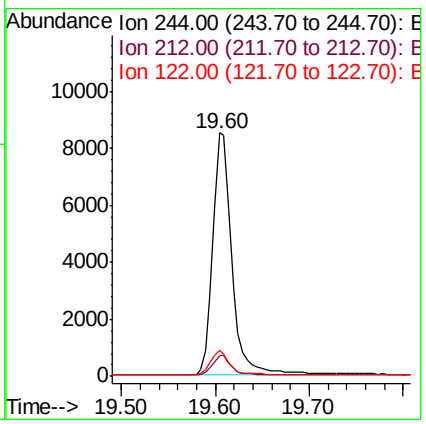


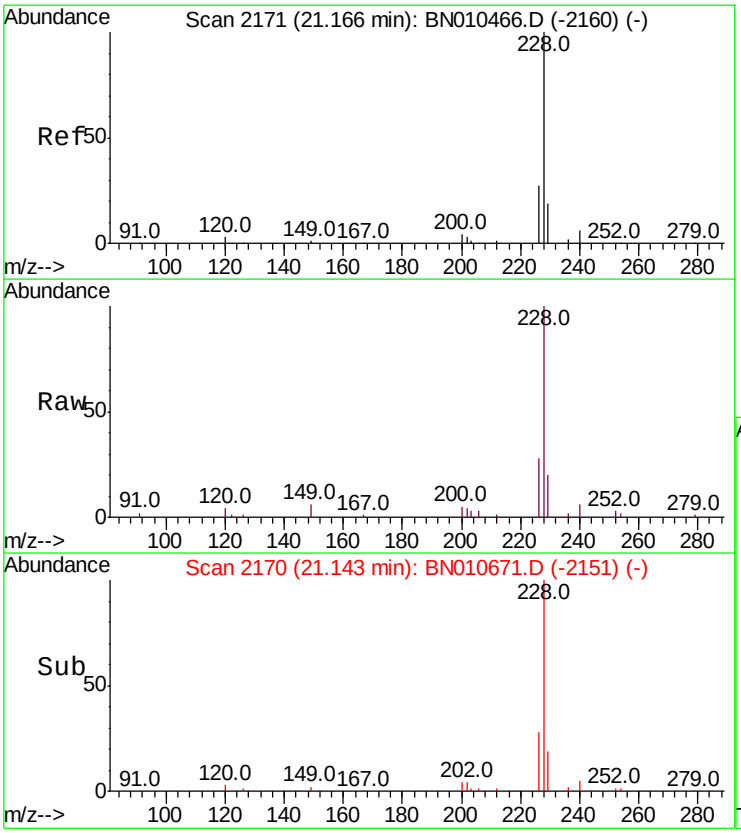
#29
Terphenyl-d14
Concen: 0.327 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:244 Resp: 12050

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.2	9.4
122	10.6	7.8	11.8

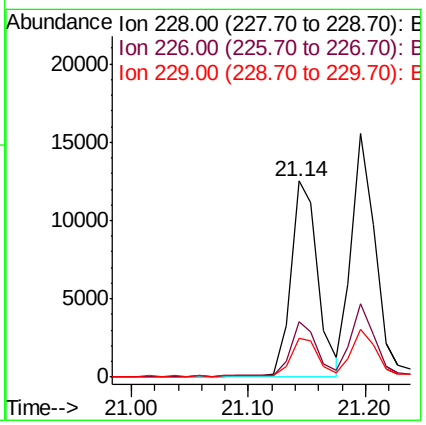


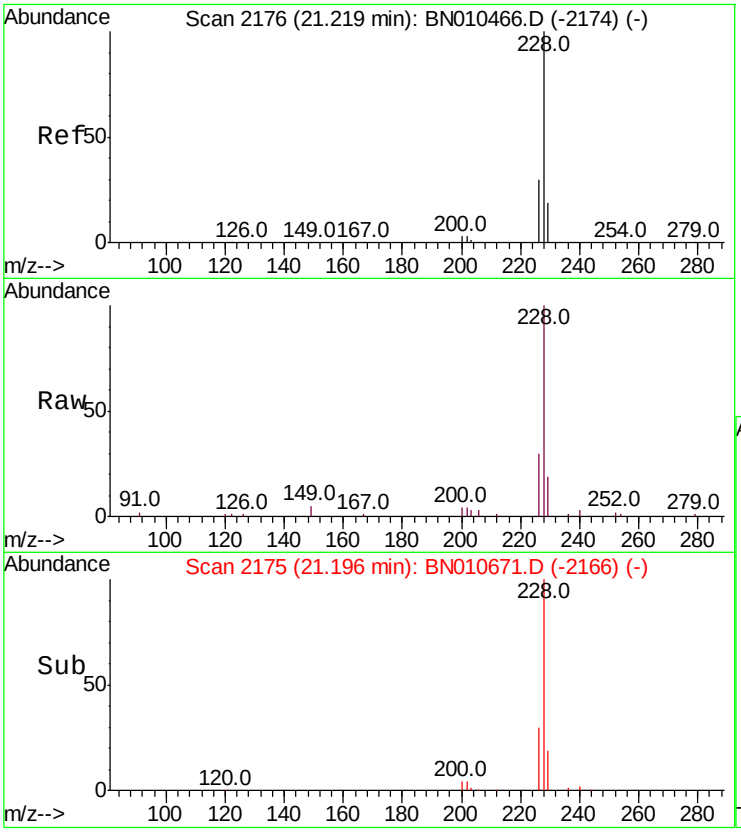


#30
Benzo(a)anthracene
Concen: 0.377 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:228 Resp: 19824

Ion	Ratio	Lower	Upper
228	100		
226	28.0	21.7	32.5
229	19.5	15.6	23.4



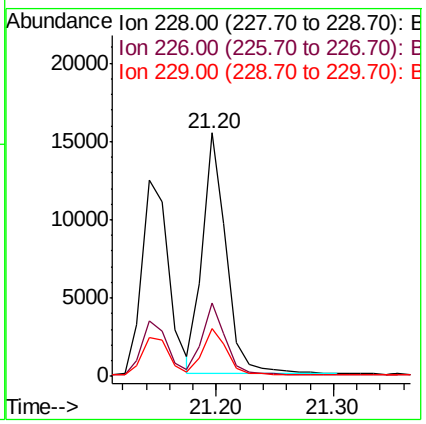


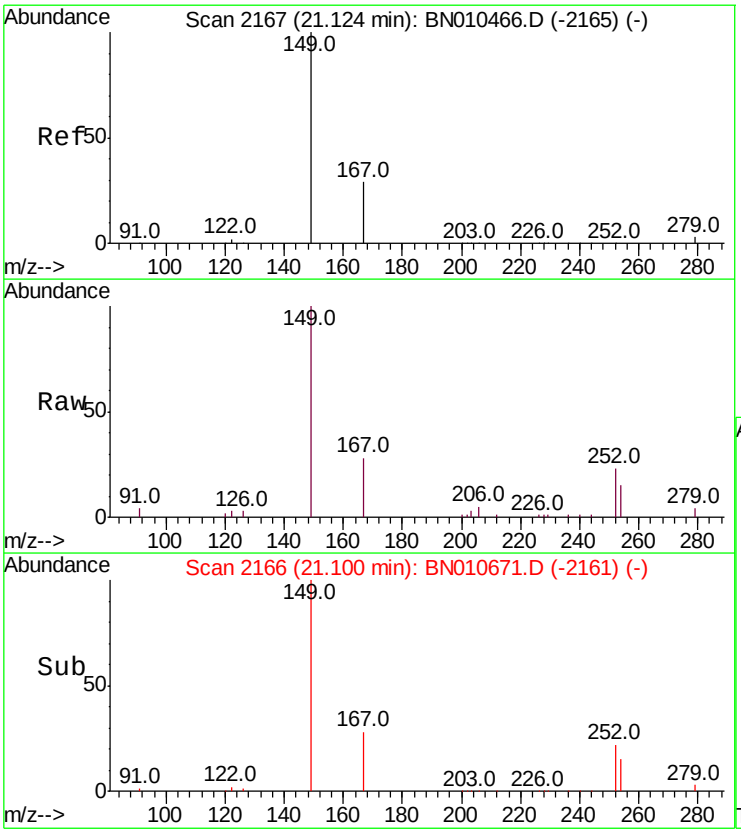
#31
Chrysene
Concen: 0.415 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:228 Resp: 21718

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	19.5	15.8	23.6

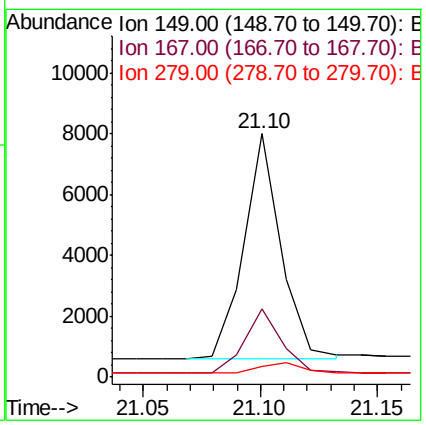


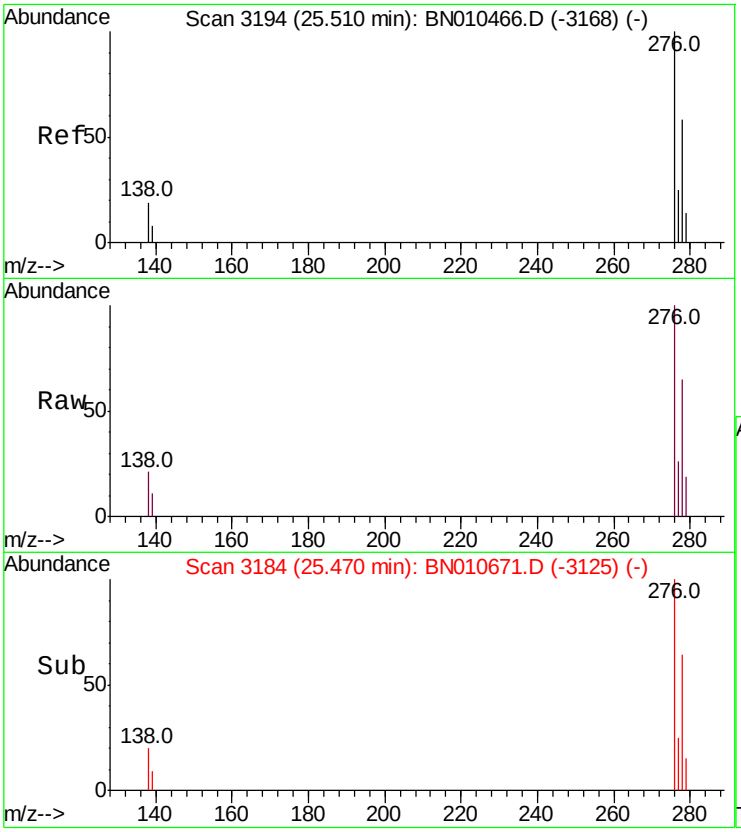


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.303 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:149 Resp: 8161

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.0
279	5.1	4.0	6.0



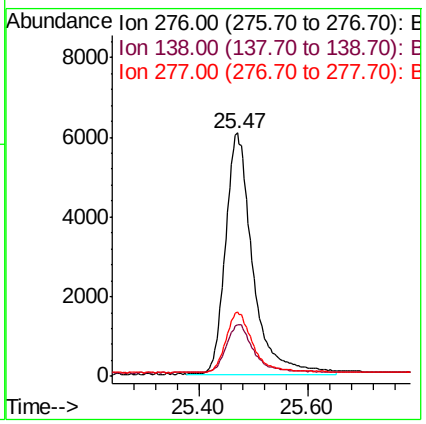


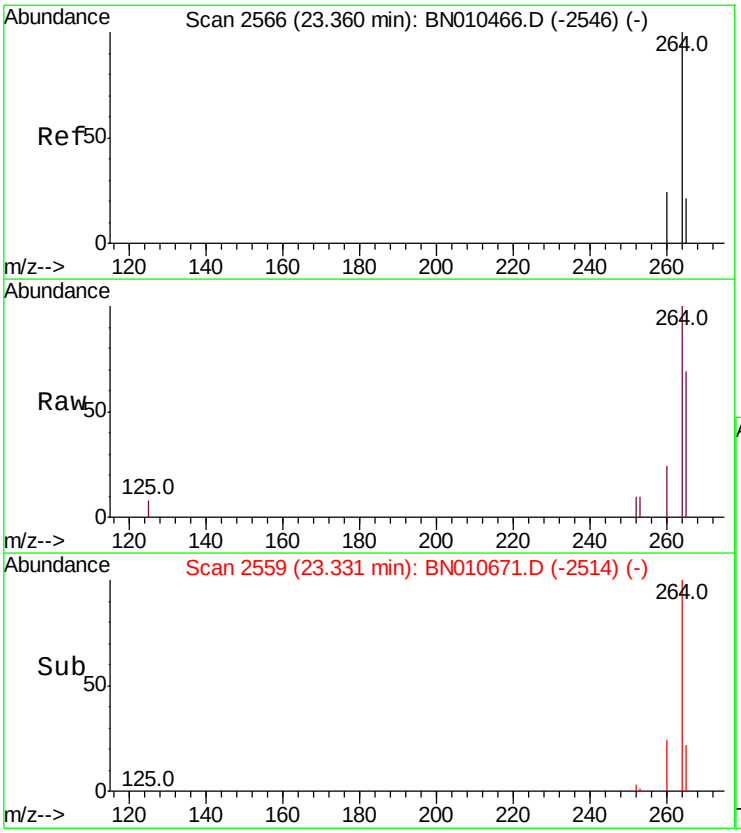
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.453 ng
RT: 25.47 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:276 Resp: 20947

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.4	24.6
277	25.0	19.8	29.6

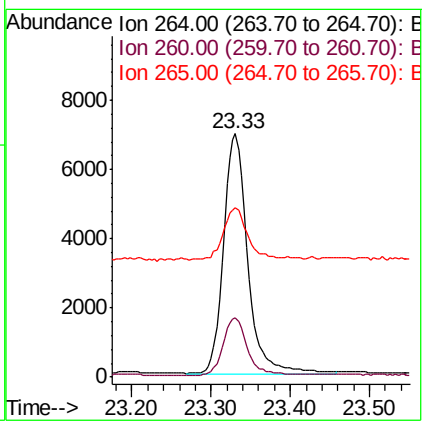


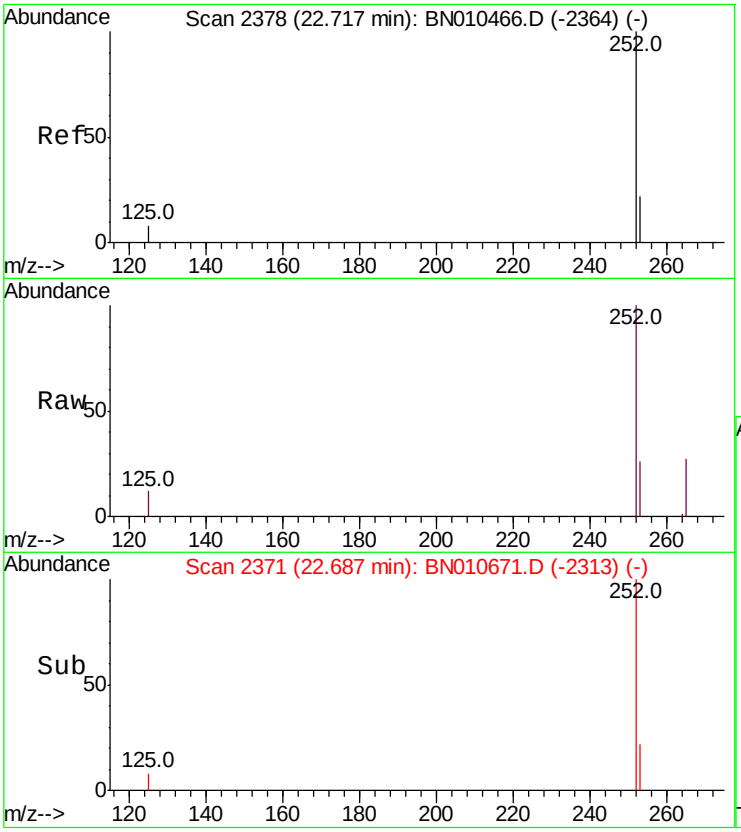


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:264 Resp: 14618

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	69.4	42.3	63.5#



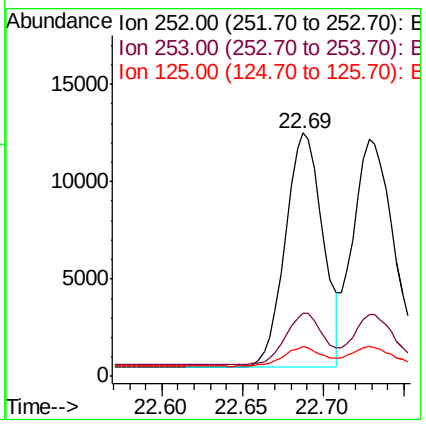


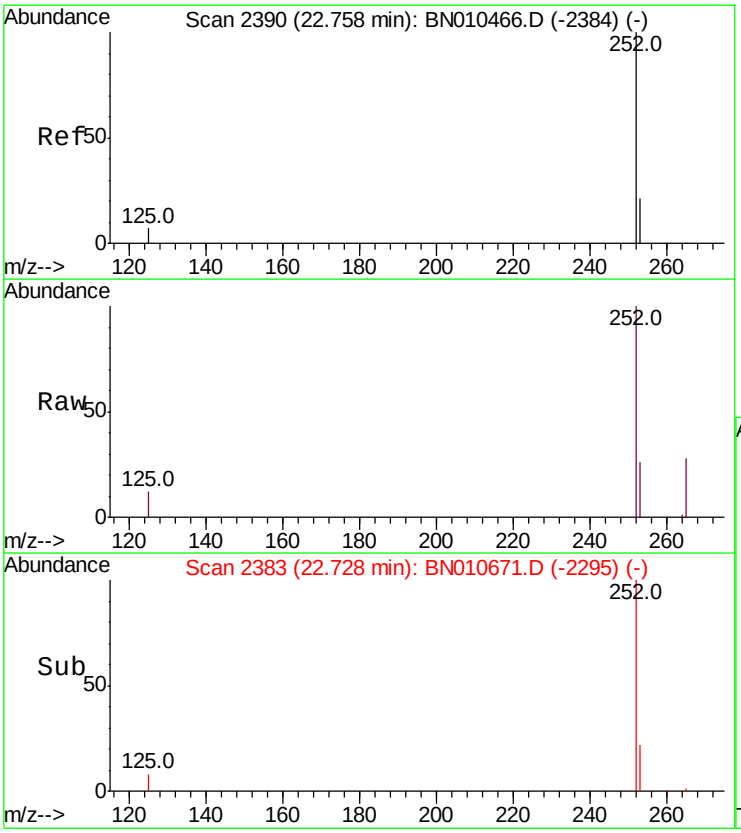
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:252 Resp: 19490

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.2	30.4
125	12.2	9.2	13.8

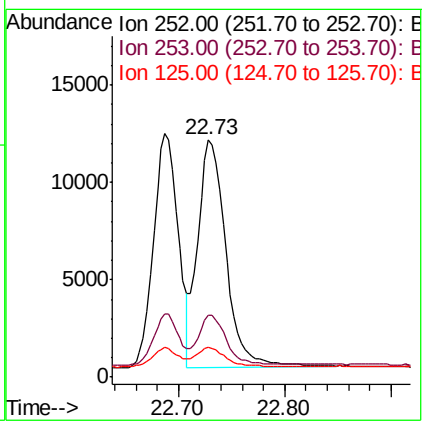


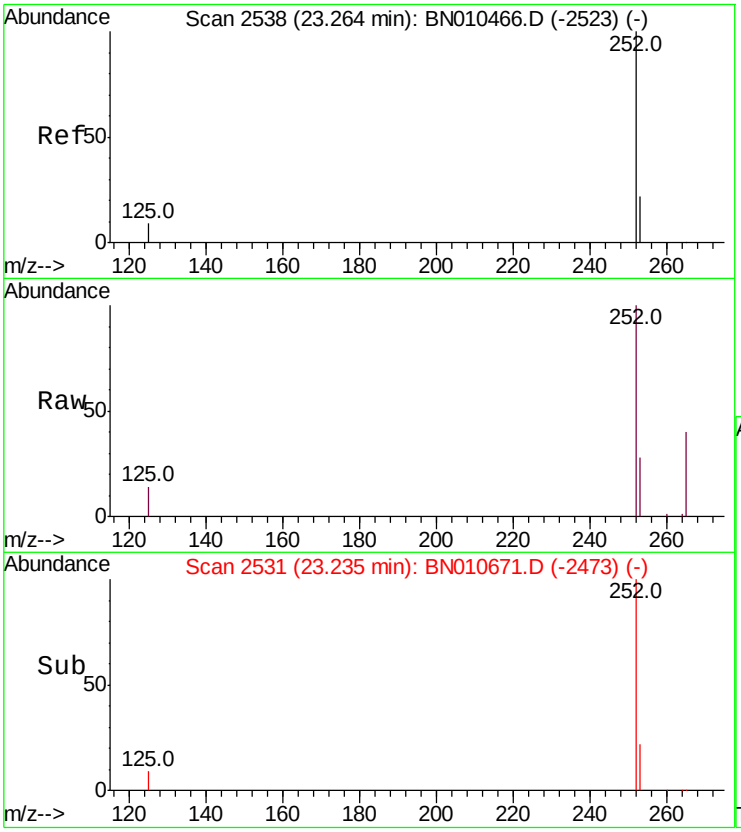


#36
Benzo(k)fluoranthene
Concen: 0.444 ng
RT: 22.73 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:252 Resp: 21423

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.1	30.1
125	12.4	9.6	14.4



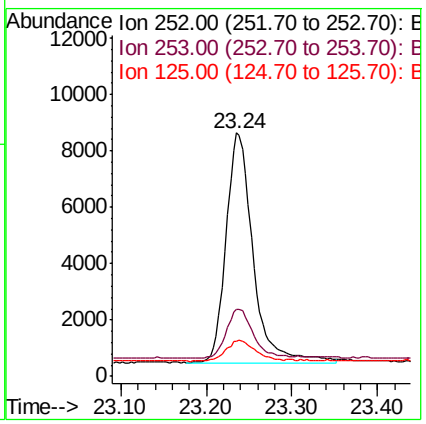


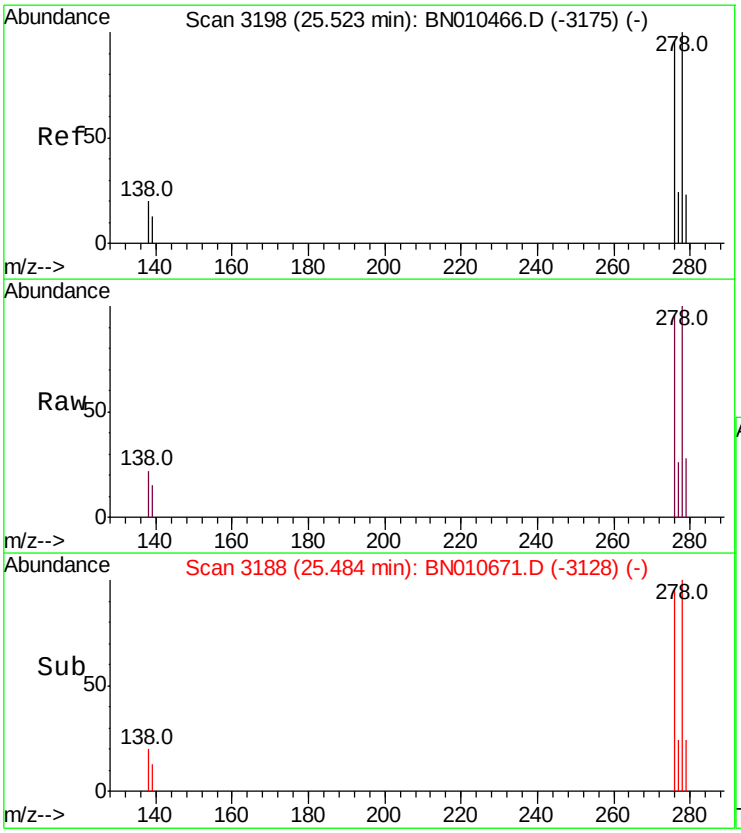
#37
Benzo(a)pyrene
Concen: 0.422 ng
RT: 23.24 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:252 Resp: 17967

Ion	Ratio	Lower	Upper
252	100		
253	27.7	21.8	32.8
125	14.5	11.0	16.6

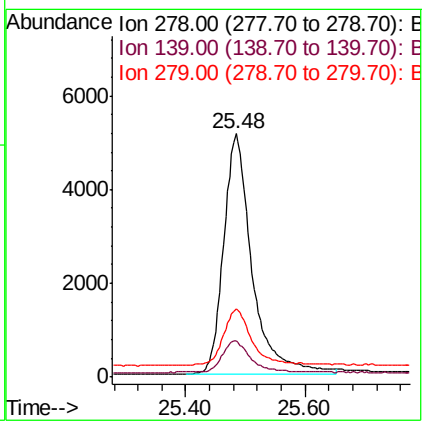


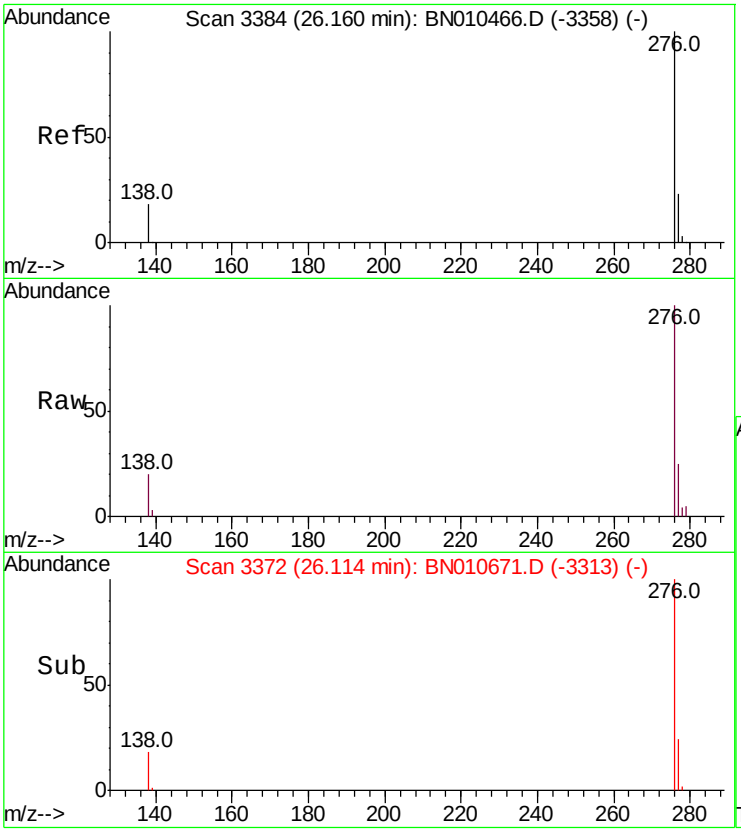


#38
Dibenzo(a,h)anthracene
Concen: 0.433 ng
RT: 25.48 min Scan# 3188
Delta R.T. 0.01 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Tgt Ion:278 Resp: 16865

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.3	18.5
279	28.2	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.472 ng
RT: 26.11 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BN010671.D
Acq: 30 Apr 2020 13:13

Instrument :
BNA_N
ClientSampleId :
PB128567BS

Tgt Ion:276 Resp: 18522

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.2	30.2
138	19.6	15.4	23.2