Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010618.D
Acq On : 28 Apr 2020 09:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 28 10:18:45 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 Apr 28 10:15:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5131	0.40	ng		0.00
7) Naphthalene-d8	10.34	136	21768	0.40	ng		0.00
13) Acenaphthene-d10	14.21	164	13987	0.40	ng		0.00
19) Phenanthrene-d10	16.96	188	31628	0.40	ng		0.00
27) Chrysene-d12	21.17	240	25709	0.40	ng		0.00
34) Perylene-d12	23.34	264	24588	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	4881	0.43	ng		0.00
5) Phenol-d6	6.78	99	6354	0.43	ng		0.00
8) Nitrobenzene-d5	8.72	82	6184	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	16630	0.46	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	2407	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.83	172	20257	0.40	ng		0.00
25) Fluoranthene-d10	19.00	212	41189	0.43	ng		0.00
29) Terphenyl-d14	19.61	244	27607	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1538	0.407	ng		97
3) n-Nitrosodimethylamine	3.55	42	1183	0.483	ng		83
6) bis(2-Chloroethyl)ether	7.03	93	5346	0.420	ng		98
9) Naphthalene	10.39	128	22098	0.409	ng		100
10) Hexachlorobutadiene	10.68	225	5326	0.409	ng	#	99
12) 2-Methylnaphthalene	12.01	142	16047	0.413	ng		99
16) Acenaphthylene	13.92	152	23518	0.389	ng		100
17) Acenaphthene	14.28	154	15604	0.402	ng		100
18) Fluorene	15.27	166	20337	0.400	ng		99
20) 4-Bromophenyl-phenylether	16.16	248	6677	0.380	ng	#	92
21) Hexachlorobenzene	16.28	284	8309	0.414	ng		99
22) Pentachlorophenol	16.62	266	2469	0.313	ng		98
23) Phenanthrene	17.00	178	34252	0.401	ng		100
24) Anthracene	17.09	178	30356	0.389	ng		100
26) Fluoranthene	19.03	202	39872	0.375	ng		100
28) Pyrene	19.39	202	40330	0.466	ng		100
30) Benzo(a)anthracene	21.16	228	33517	0.400	ng		98
31) Chrysene	21.20	228	33825	0.405	ng		100
32) Bis(2-ethylhexyl)phthalate	21.10	149	20747	0.482	ng		100
33) Indeno(1,2,3-cd)pyrene	25.48	276	33974	0.460	ng		99
35) Benzo(b)fluoranthene	22.69	252	30956	0.382	ng		98
36) Benzo(k)fluoranthene	22.69	252	30956	0.382	ng		98
37) Benzo(a)pyrene	23.24	252	28512	0.398	ng		97
38) Dibenzo(a,h)anthracene	25.49	278	27541	0.420	ng	#	86
39) Benzo(g,h,i)perylene	26.12	276	27515	0.417	ng		99

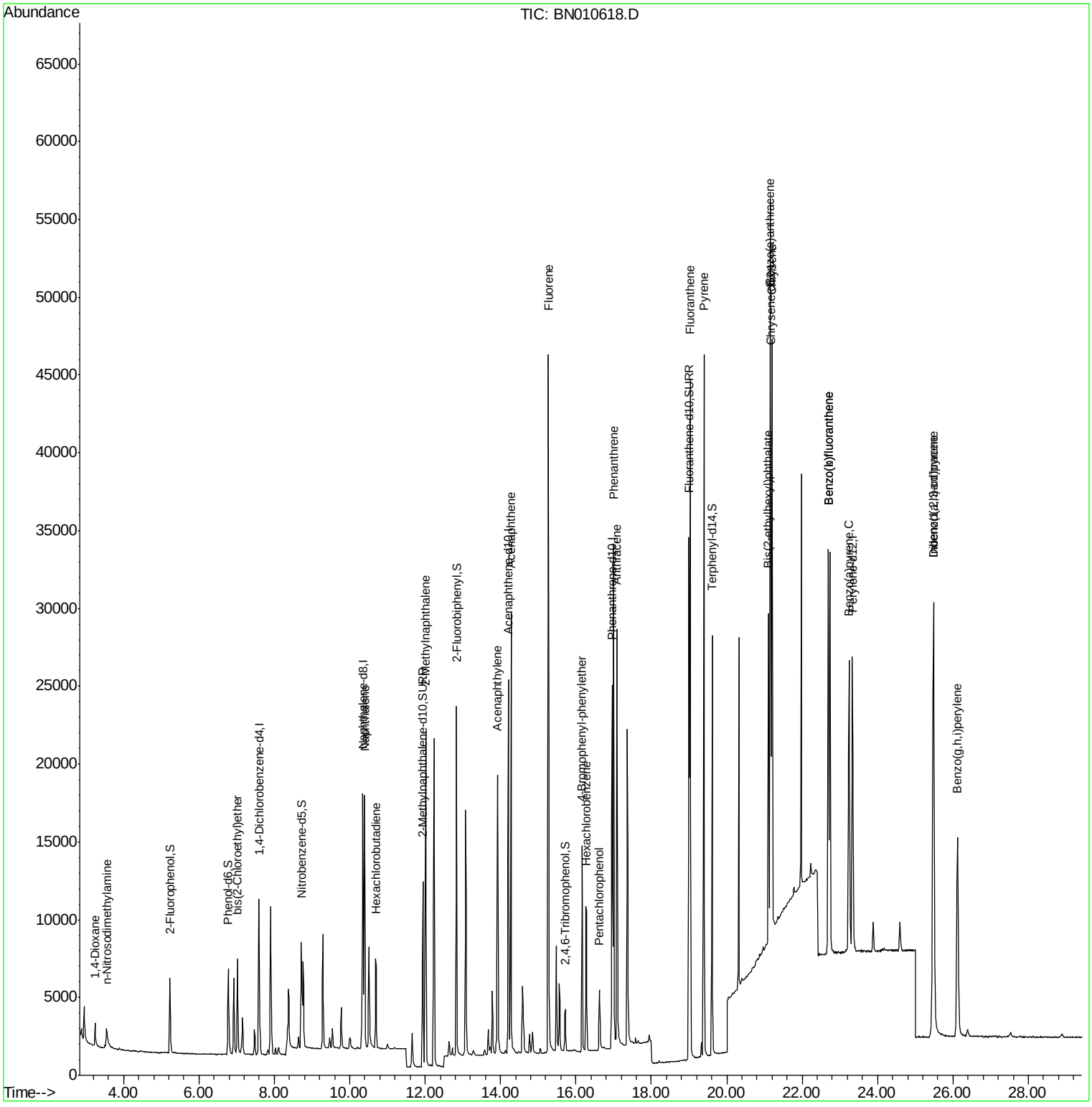
(#) = qualifier out of range (m) = manual integration (+) = signals summed

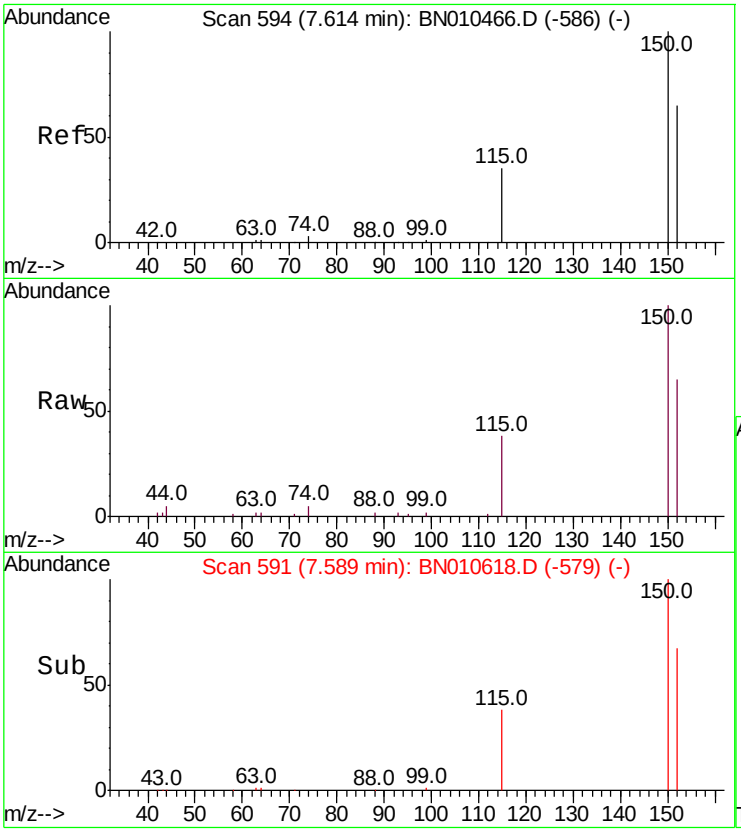
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN042820\
Data File : BN010618.D
Acq On : 28 Apr 2020 09:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 28 10:18:45 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 Apr 28 10:15:56 2020
Response via : Initial Calibration



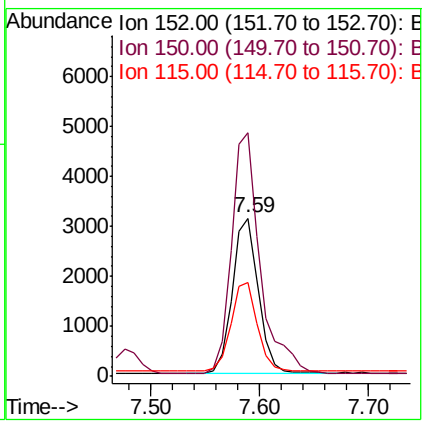


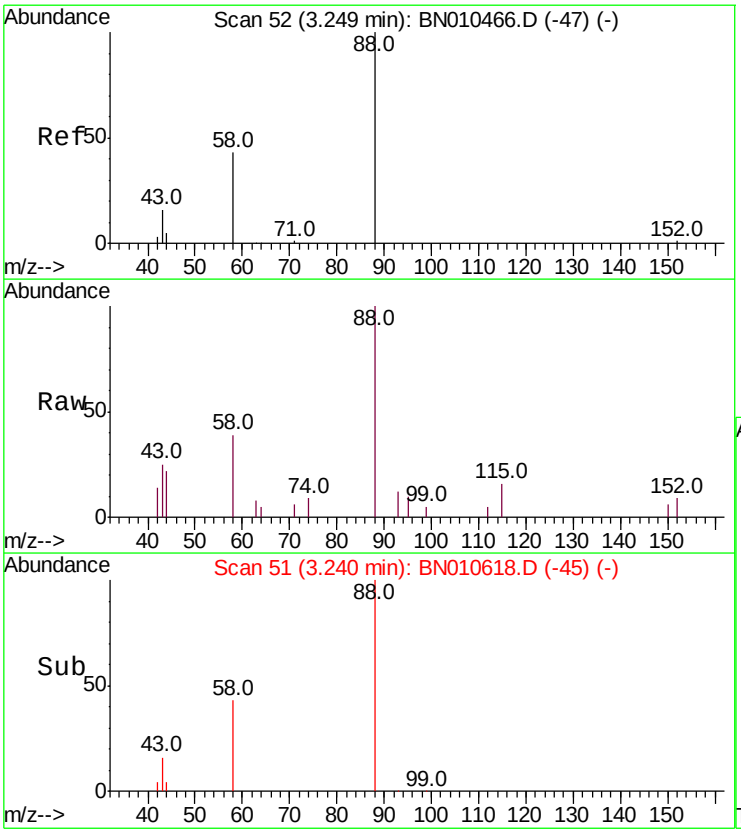
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.59 min Scan# 591
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5131

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.8	182.6
115	59.4	45.5	68.3

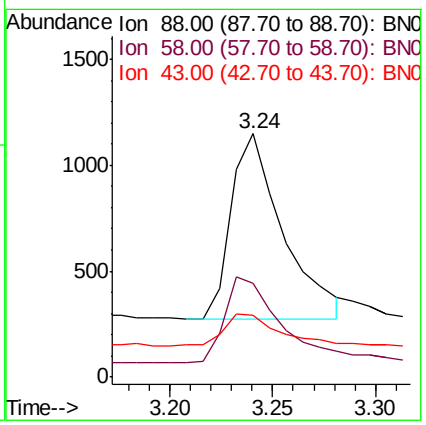


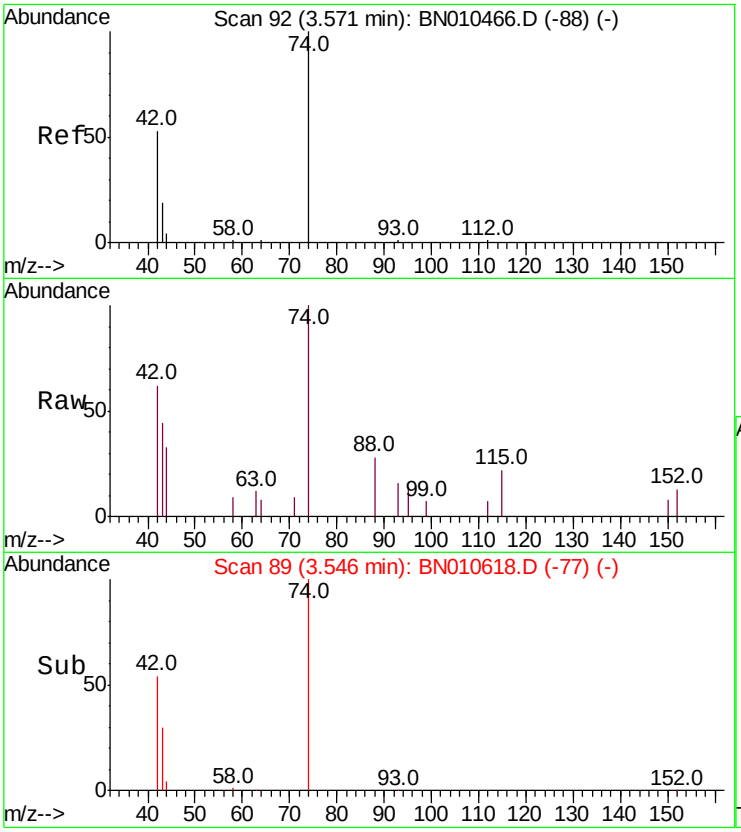


#2
1,4-Dioxane
Concen: 0.407 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion: 88 Resp: 1538

Ion	Ratio	Lower	Upper
88	100		
58	48.1	36.5	54.7
43	16.9	13.2	19.8



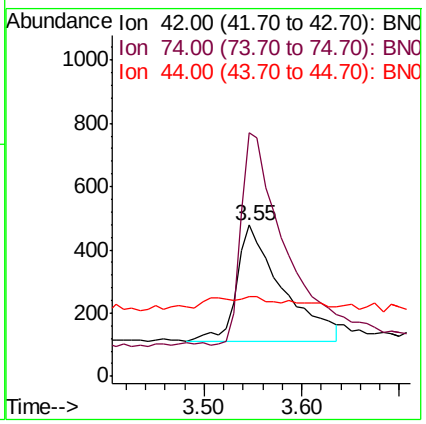


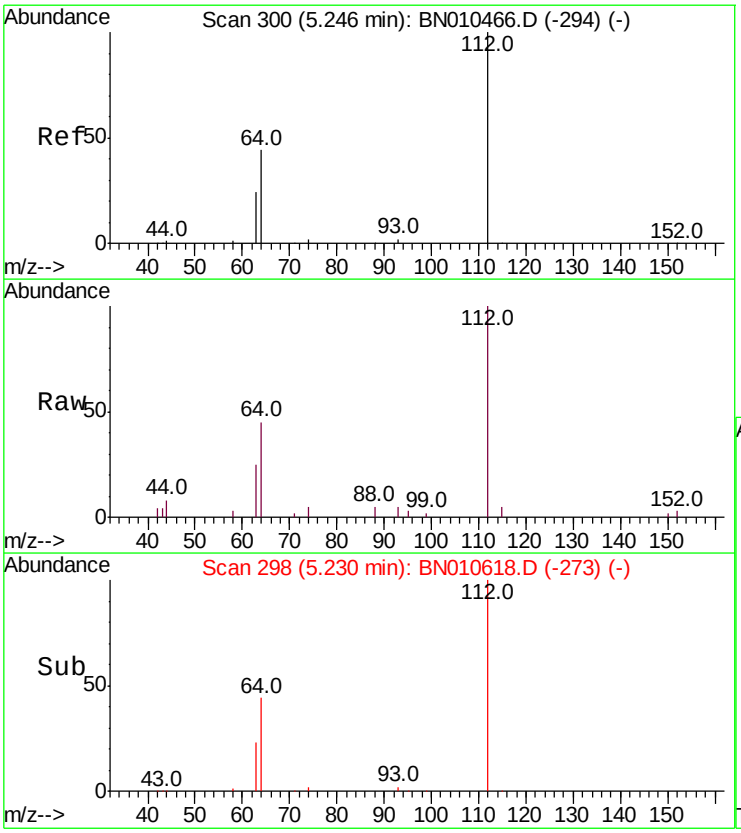
#3
n-Nitrosodimethylamine
Concen: 0.483 ng
RT: 3.55 min Scan# 89
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1183

Ion	Ratio	Lower	Upper
42	100		
74	176.5	162.2	243.4
44	3.3	2.4	3.6

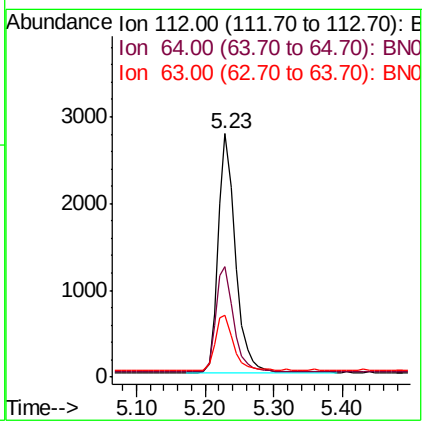


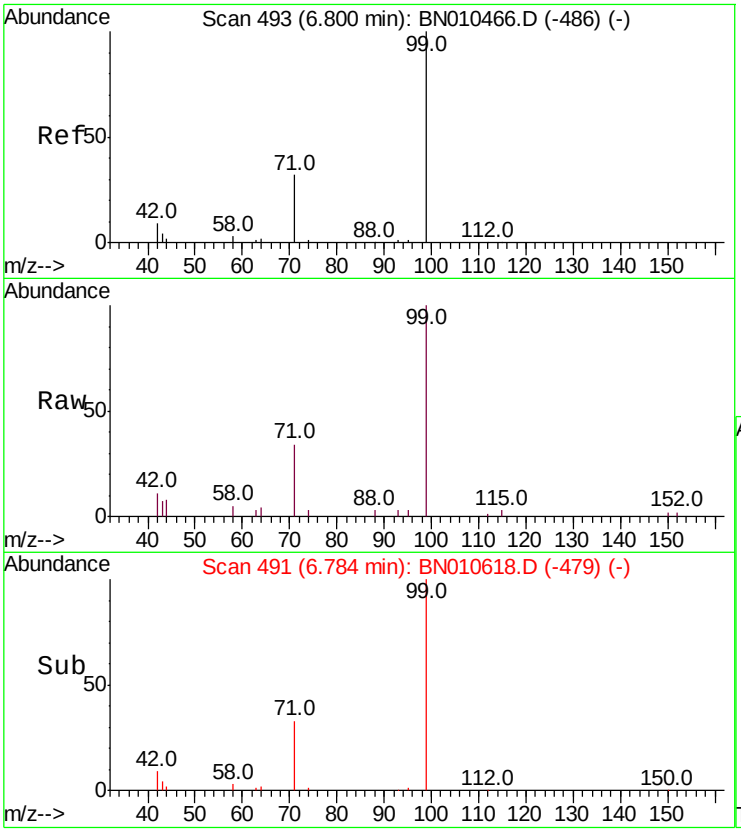


#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.23 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:112 Resp: 4881

Ion	Ratio	Lower	Upper
112	100		
64	46.0	35.8	53.8
63	24.1	19.9	29.9



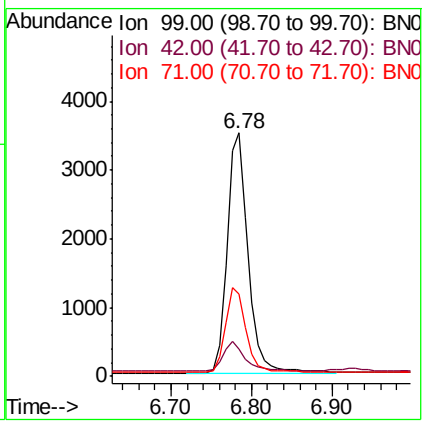


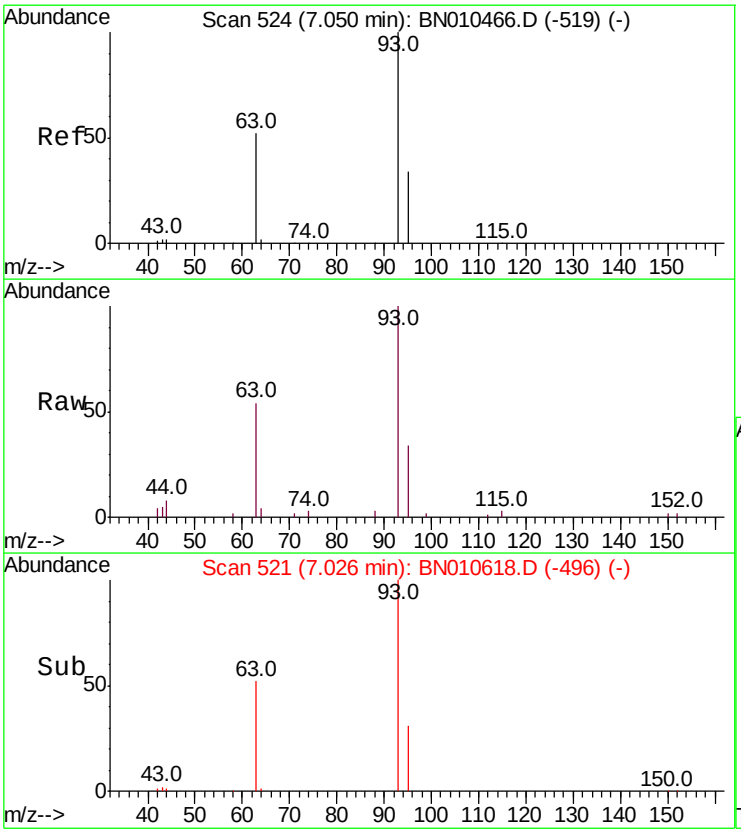
#5
Phenol-d6
Concen: 0.433 ng
RT: 6.78 min Scan# 491
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6354

Ion	Ratio	Lower	Upper
99	100		
42	12.1	9.8	14.6
71	35.5	27.8	41.8

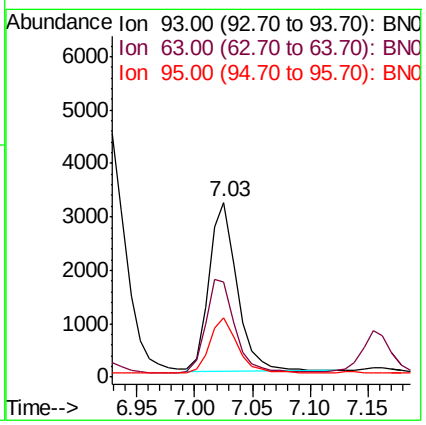


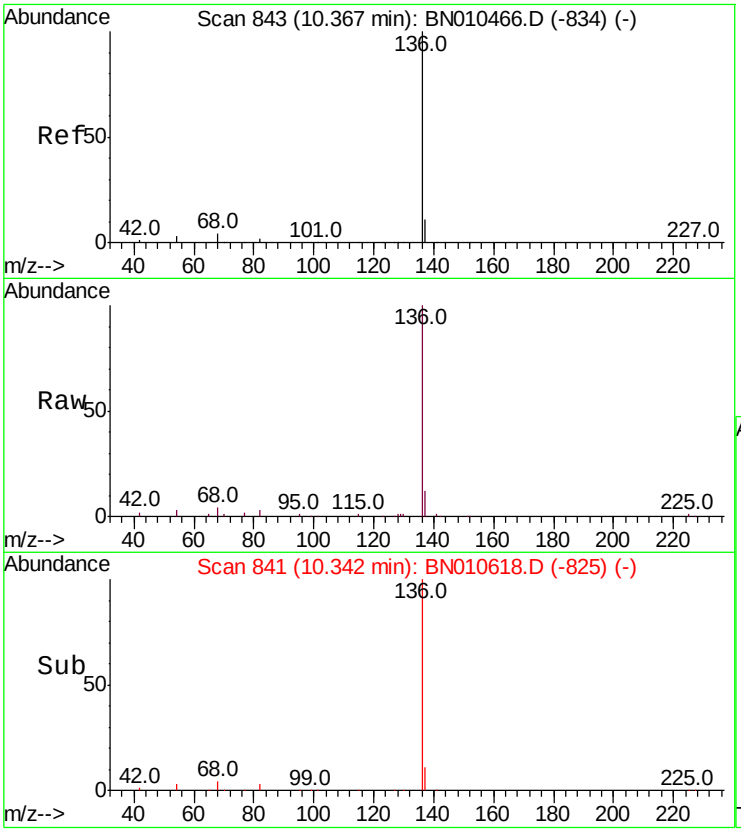


#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.03 min Scan# 521
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion: 93 Resp: 5346

Ion	Ratio	Lower	Upper
93	100		
63	57.7	44.6	66.8
95	32.8	26.5	39.7



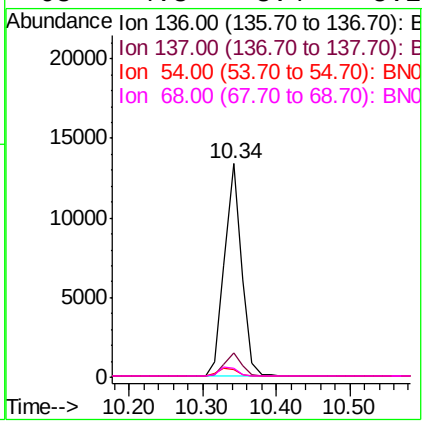


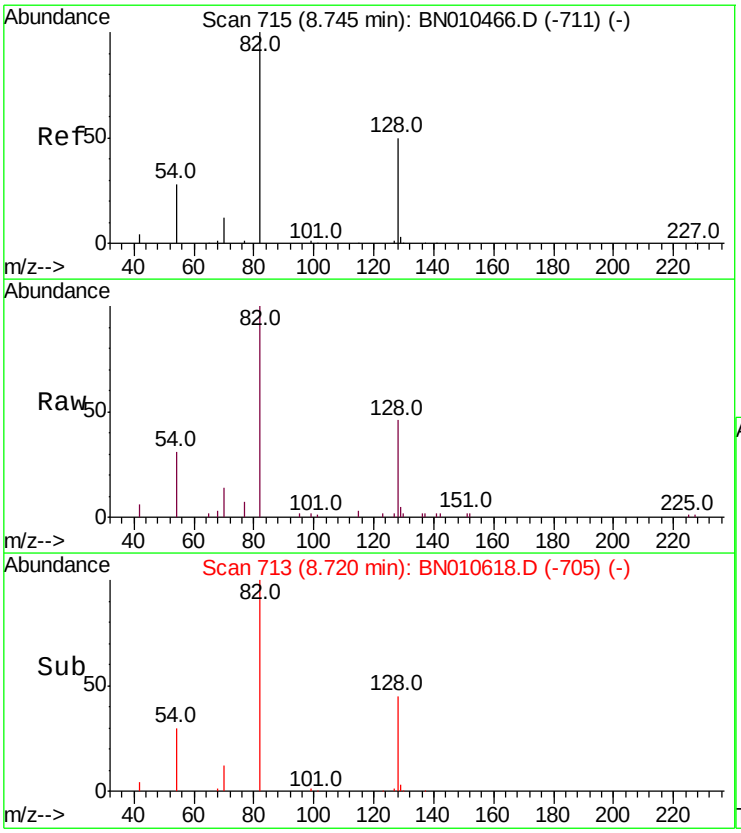
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.34 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 21768

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	3.4	2.6	4.0
68	4.3	3.4	5.2

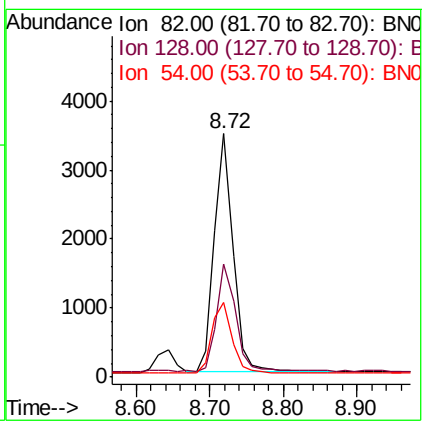


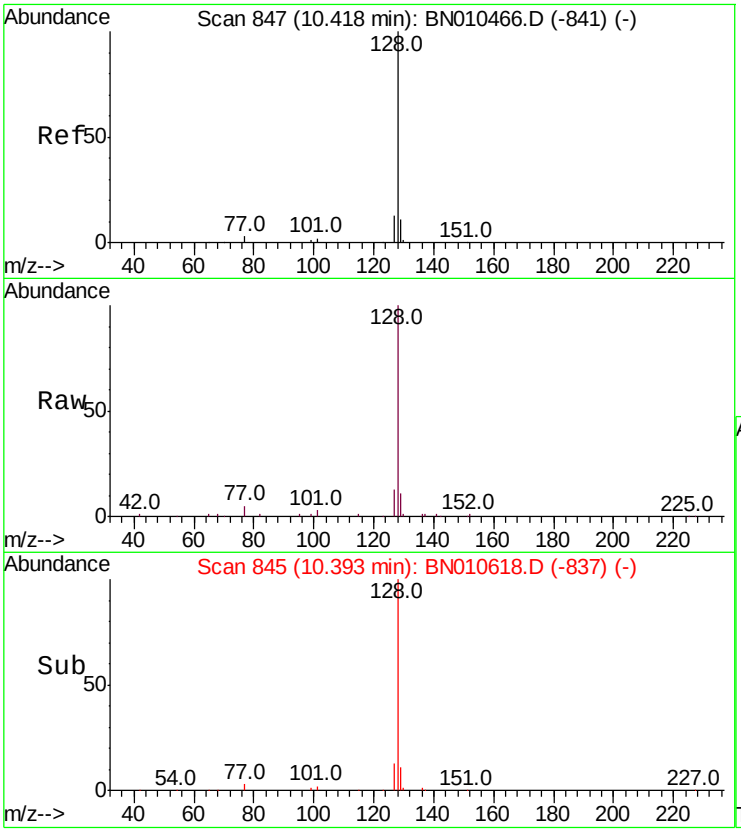


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion: 82 Resp: 6184

Ion	Ratio	Lower	Upper
82	100		
128	46.3	41.3	61.9
54	30.7	23.4	35.0



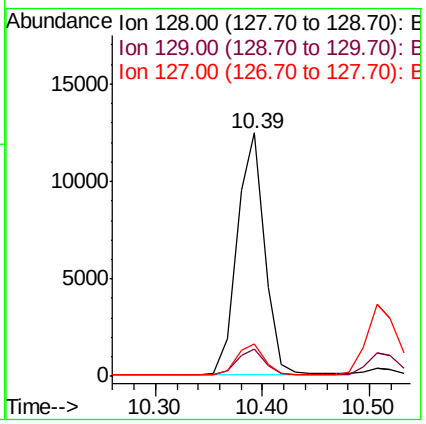


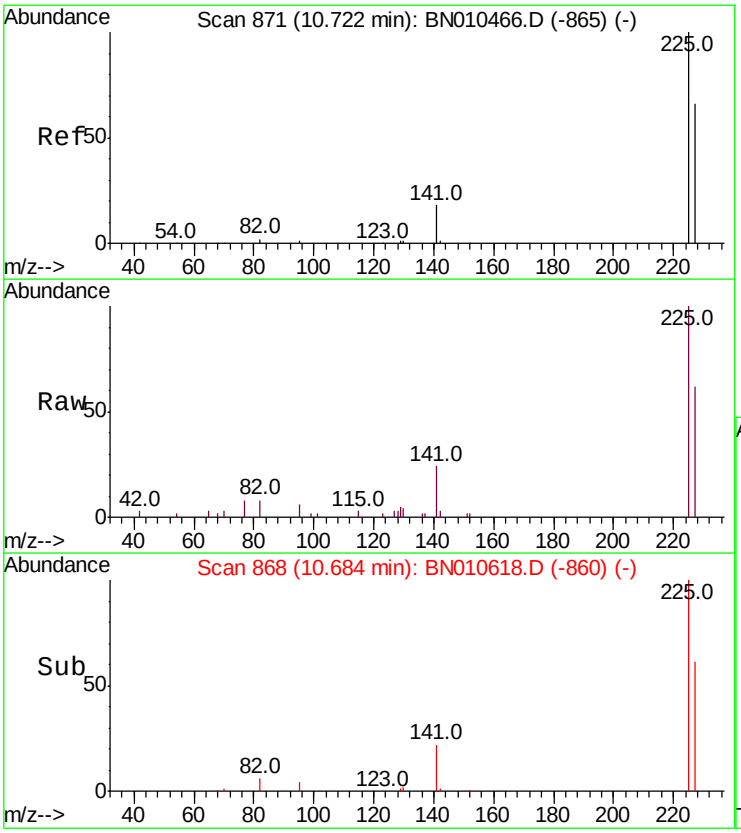
#9
Naphthalene
Concen: 0.409 ng
RT: 10.39 min Scan# 845
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 22098

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.2	10.5	15.7

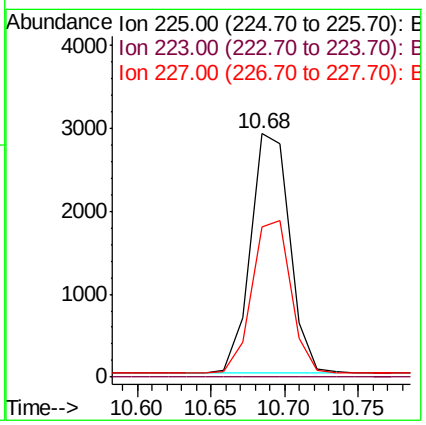


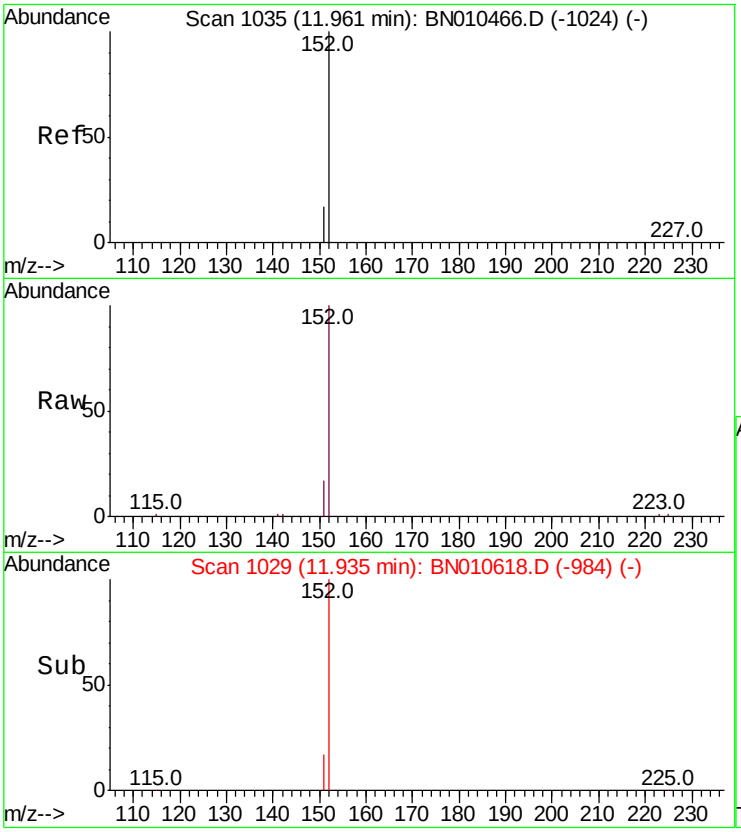


#10
Hexachlorobutadiene
Concen: 0.409 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:225 Resp: 5326

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.6	76.0



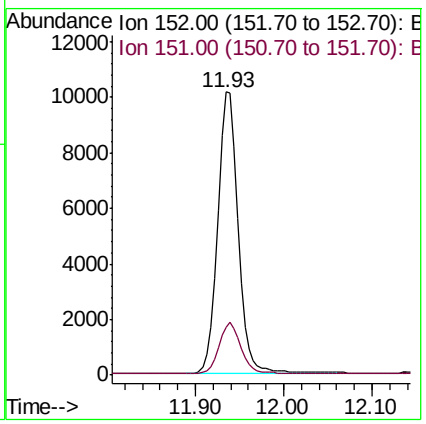


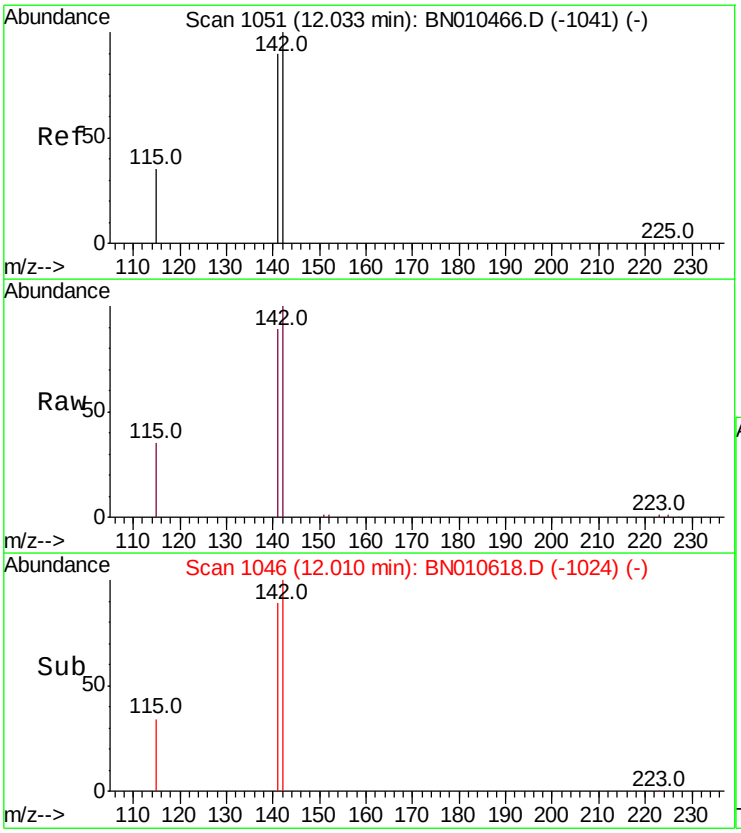
#11
2-Methylnaphthalene-d10
Concen: 0.465 ng
RT: 11.93 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 16630

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

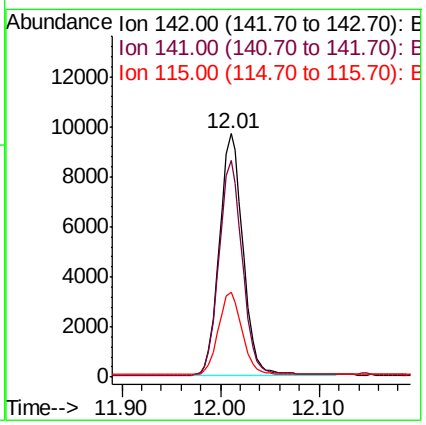


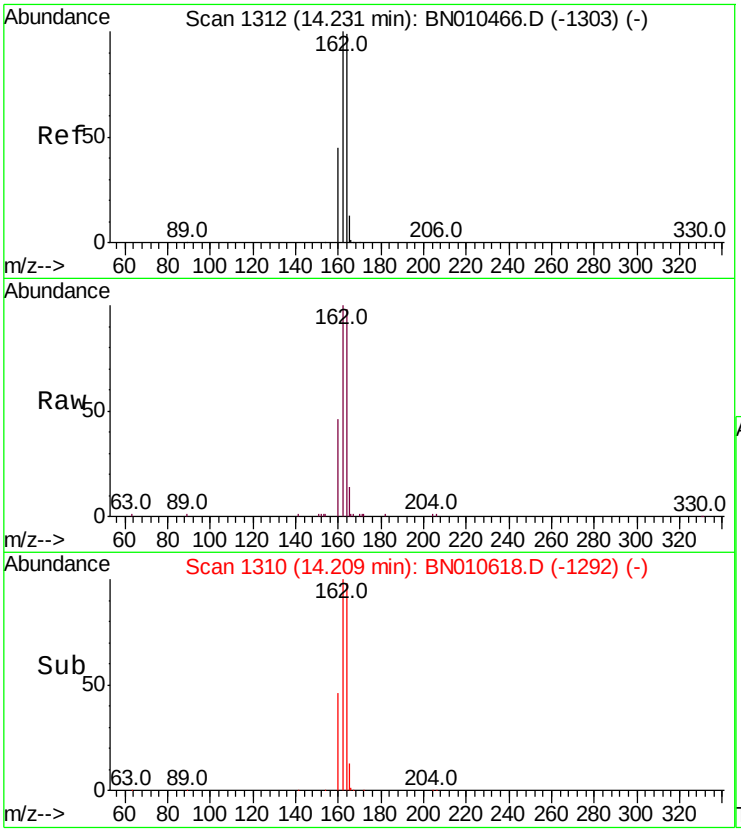


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.01 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:142 Resp: 16047

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	35.1	28.8	43.2



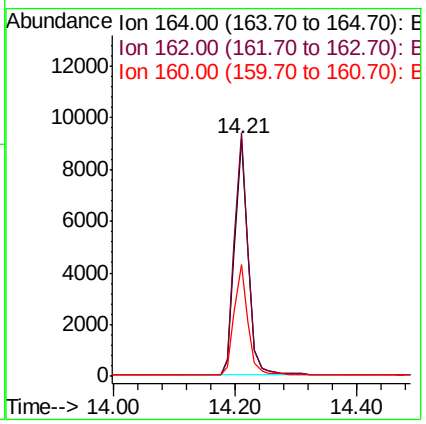


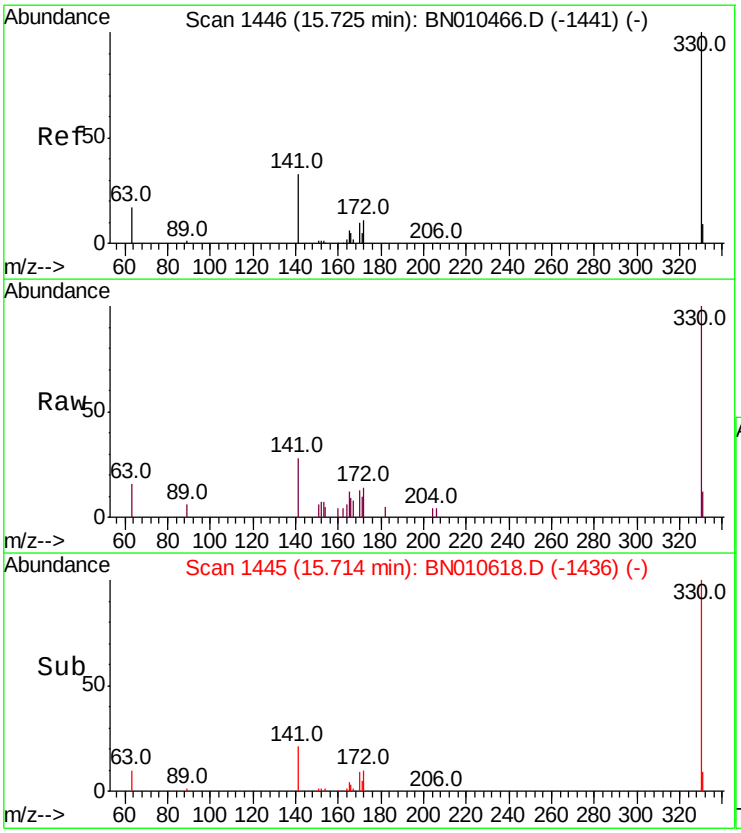
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 13987

Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.6	121.0
160	47.2	36.5	54.7

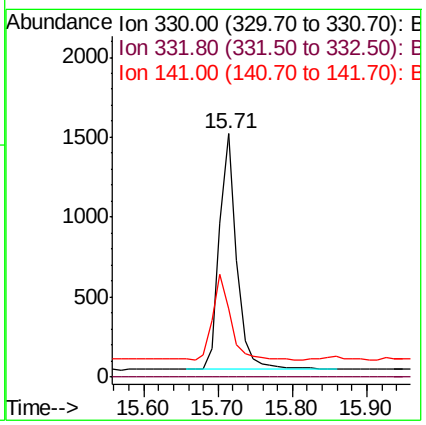


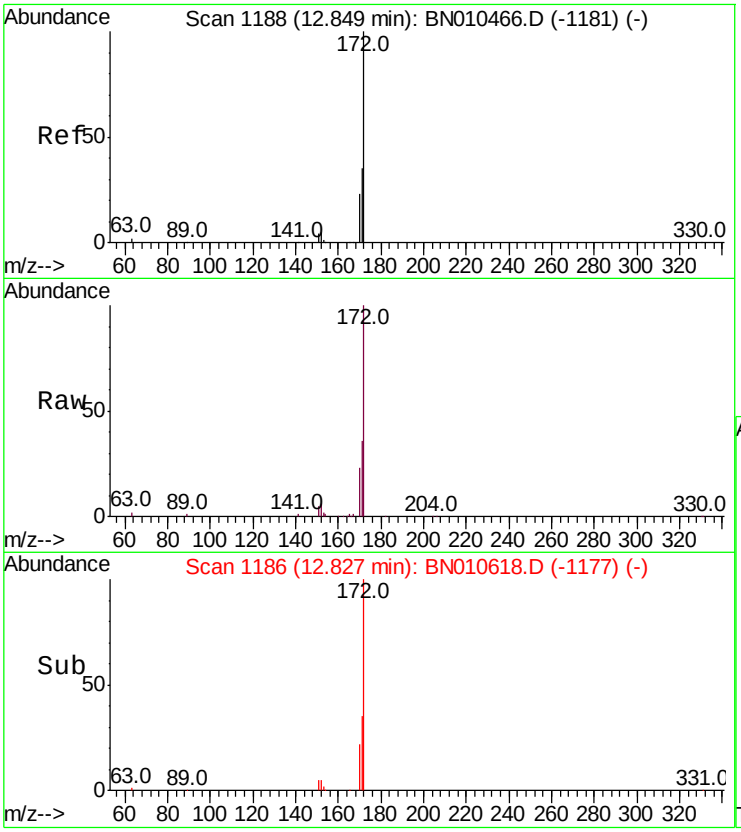


#14
2,4,6-Tribromophenol
Concen: 0.365 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:330 Resp: 2407

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.3	28.1	42.1



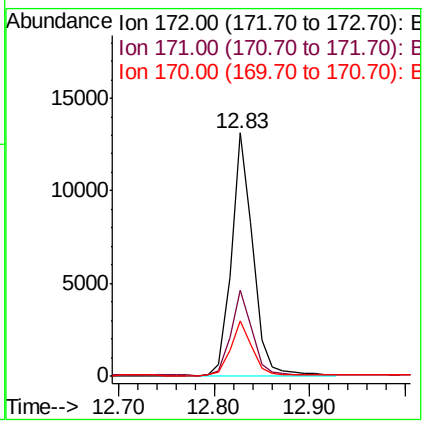


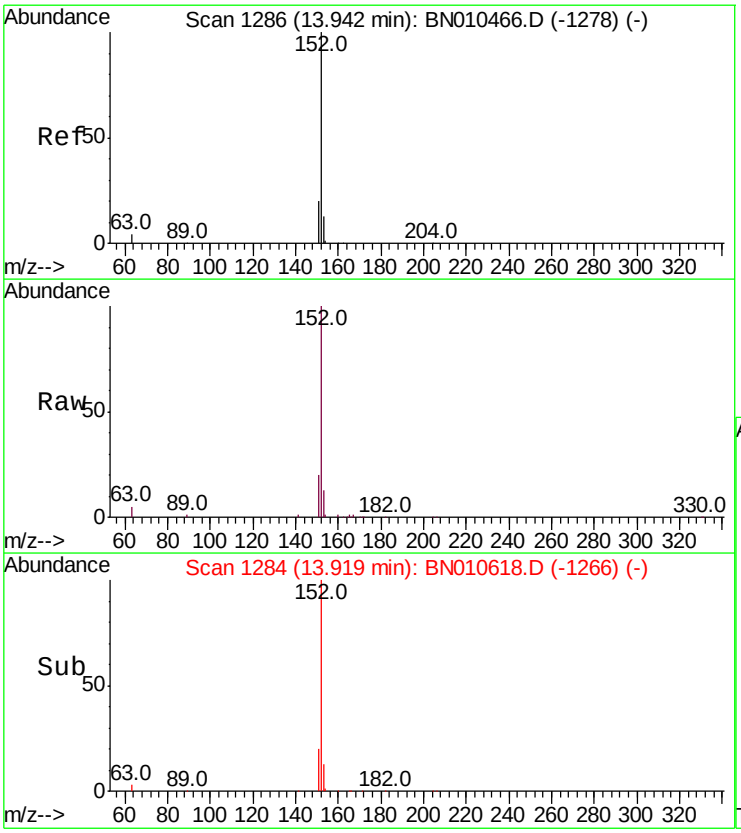
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.83 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 20257

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	22.9	18.4	27.6

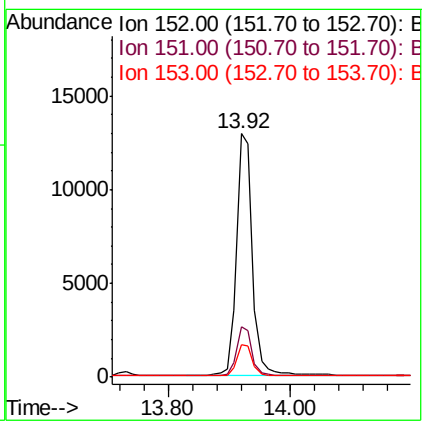


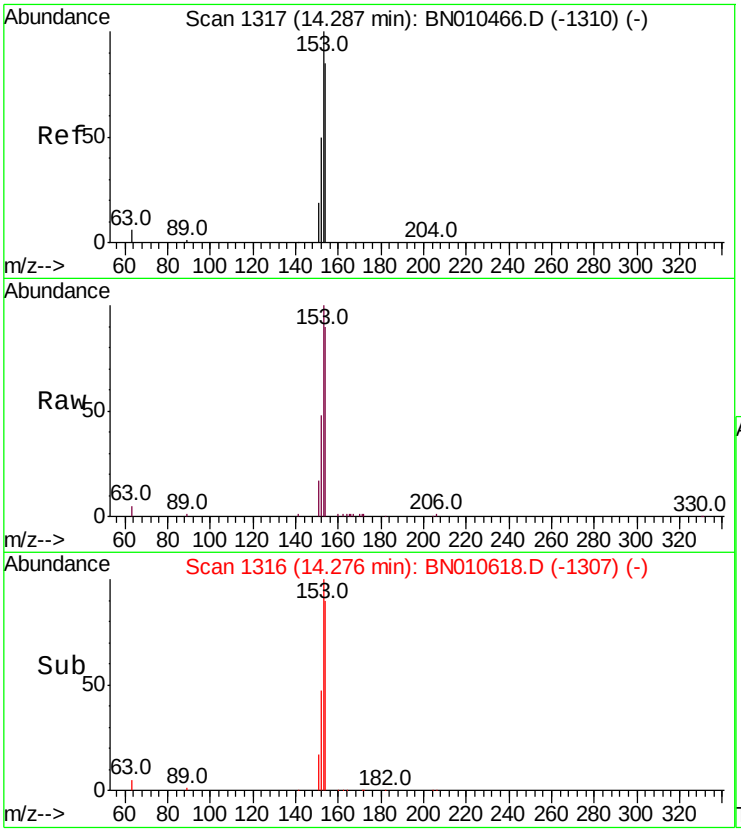


#16
Acenaphthylene
Concen: 0.389 ng
RT: 13.92 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:152 Resp: 23518

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



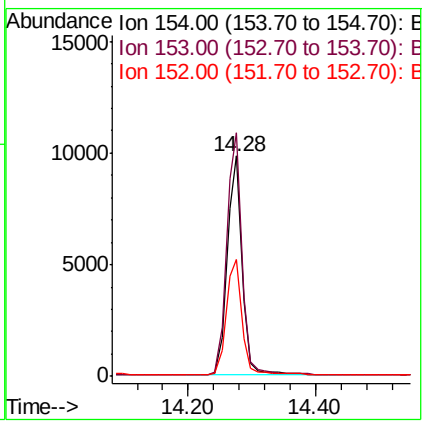


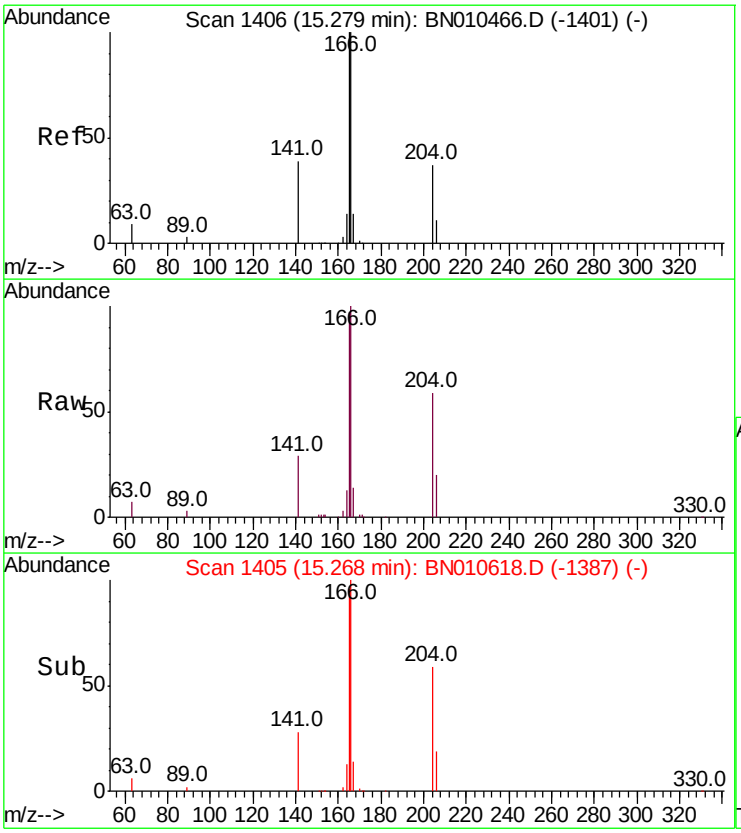
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.28 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 15604

Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.0	136.4
152	55.6	44.6	67.0

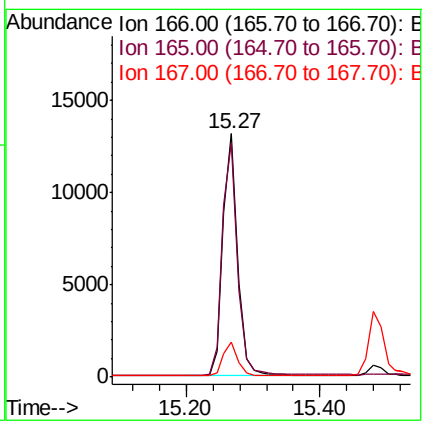


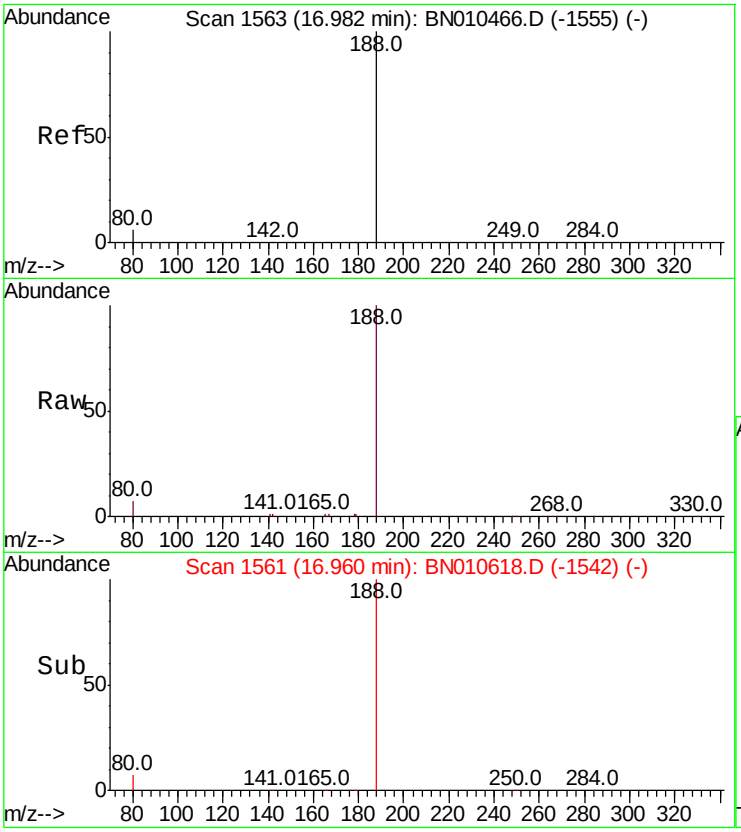


#18
Fluorene
Concen: 0.400 ng
RT: 15.27 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:166 Resp: 20337

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.9	10.9	16.3



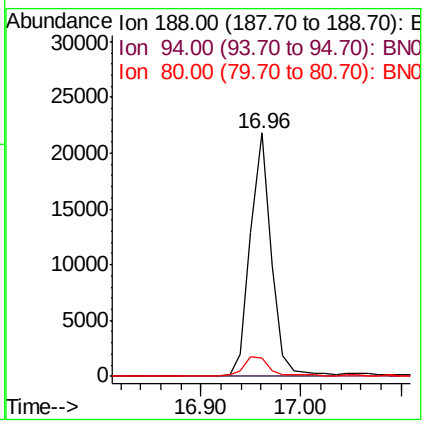


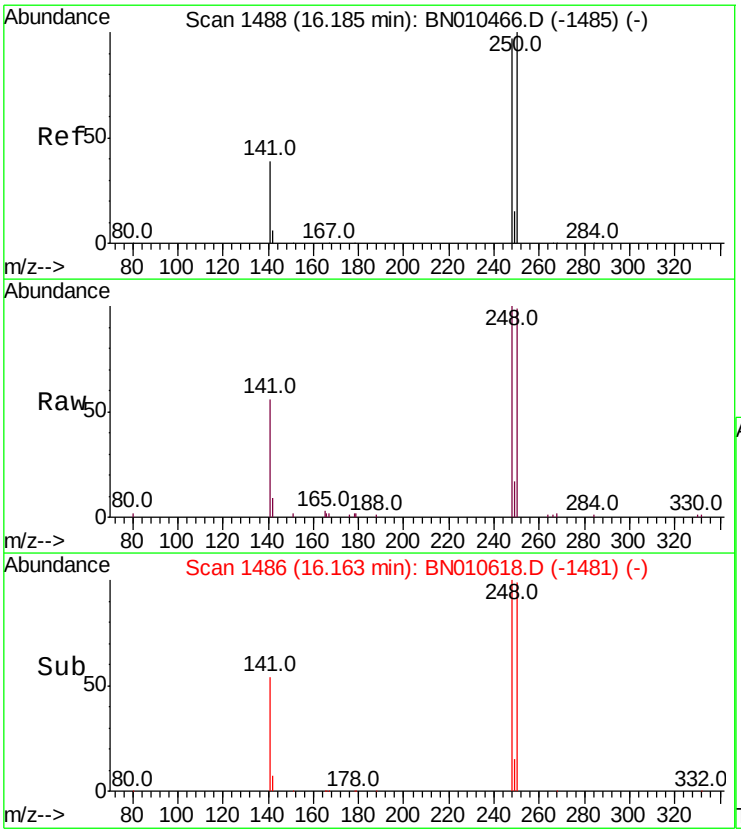
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.96 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 31628

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	5.0	7.6

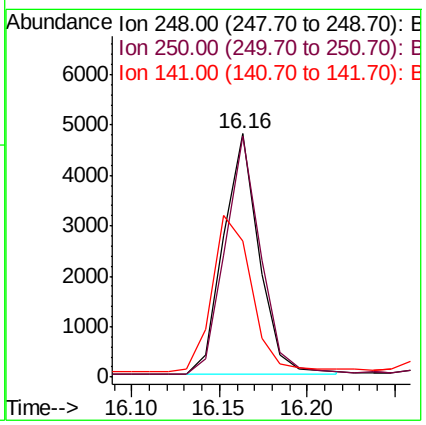


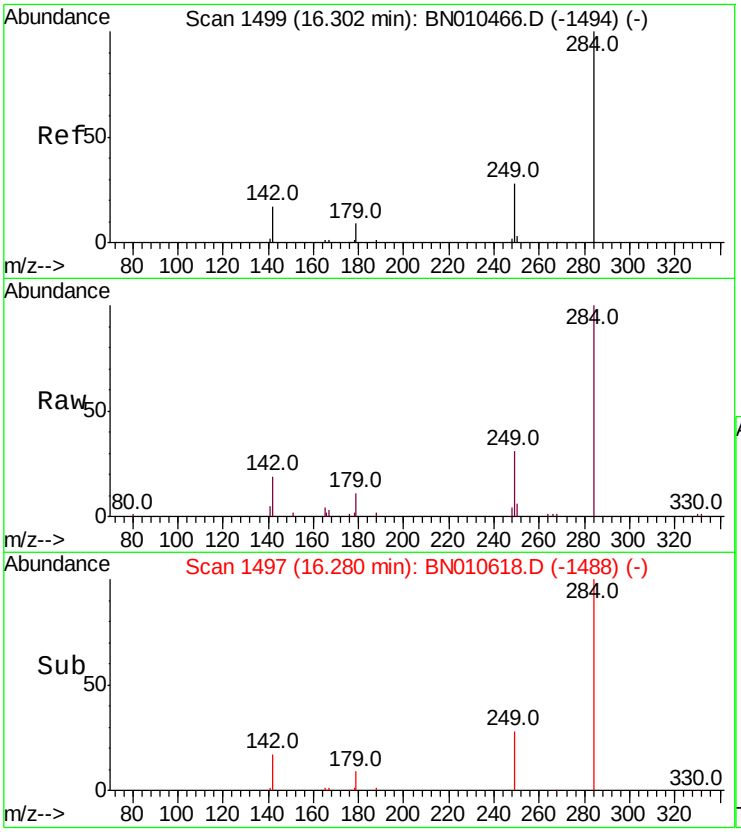


#20
4-Bromophenyl-phenylether
Concen: 0.380 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:248 Resp: 6677

Ion	Ratio	Lower	Upper
248	100		
250	99.0	82.3	123.5
141	55.6	35.2	52.8#



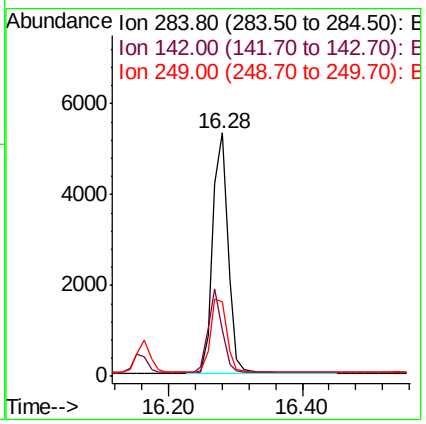


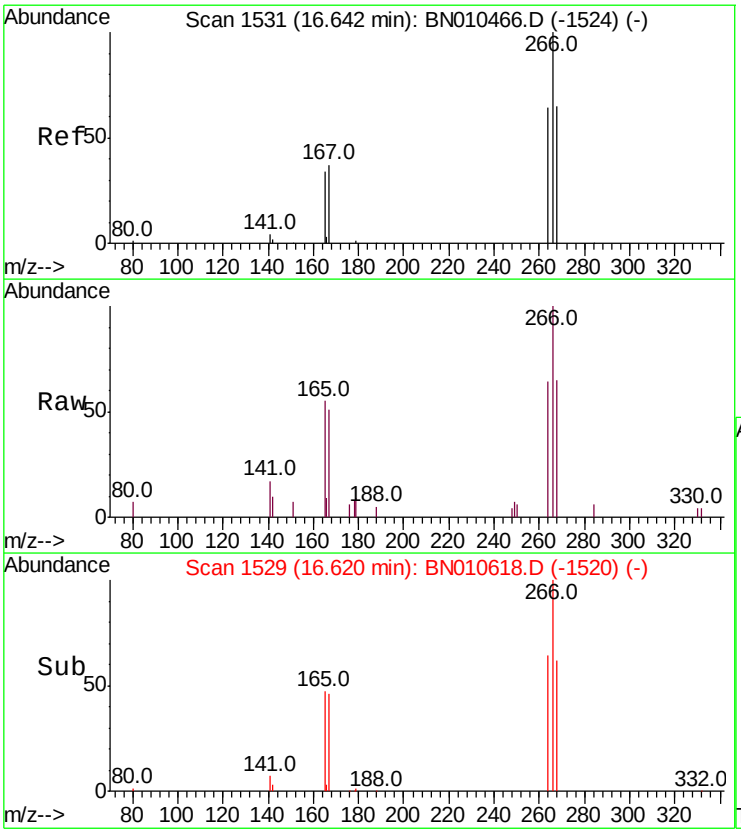
#21
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.28 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 8309

Ion	Ratio	Lower	Upper
284	100		
142	31.6	25.5	38.3
249	32.9	25.8	38.6

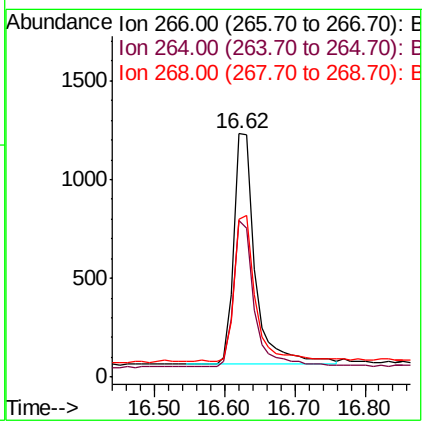


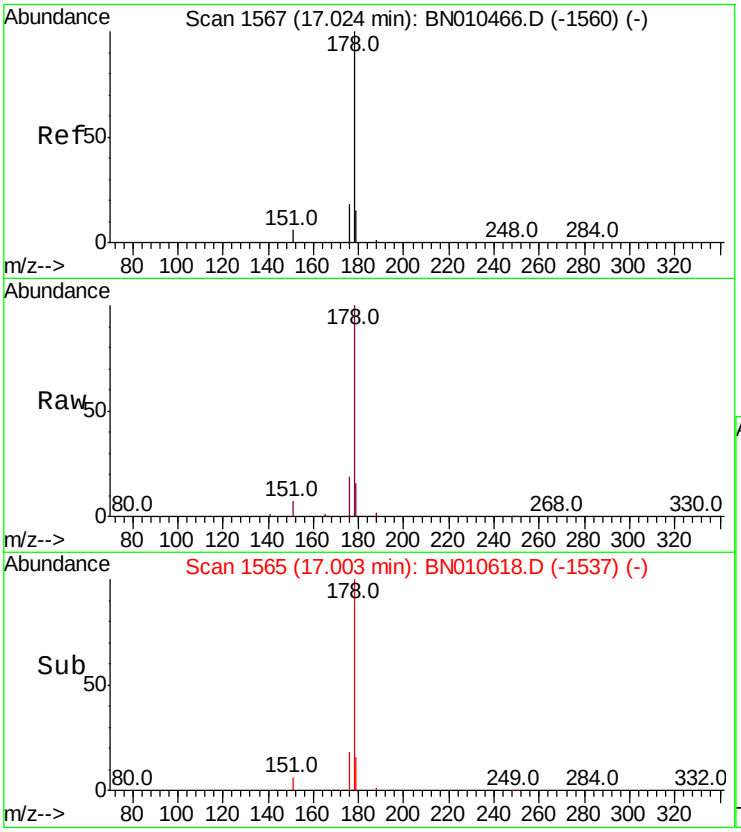


#22
Pentachlorophenol
Concen: 0.313 ng
RT: 16.62 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:266 Resp: 2469

Ion	Ratio	Lower	Upper
266	100		
264	64.4	51.8	77.6
268	64.8	53.7	80.5



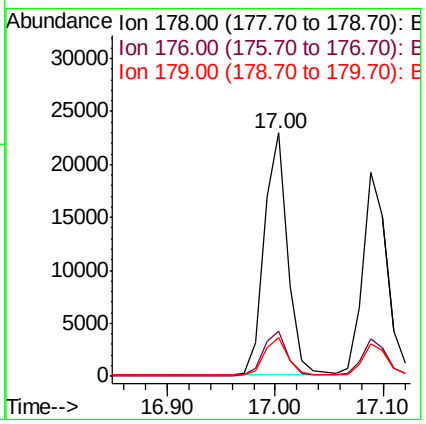


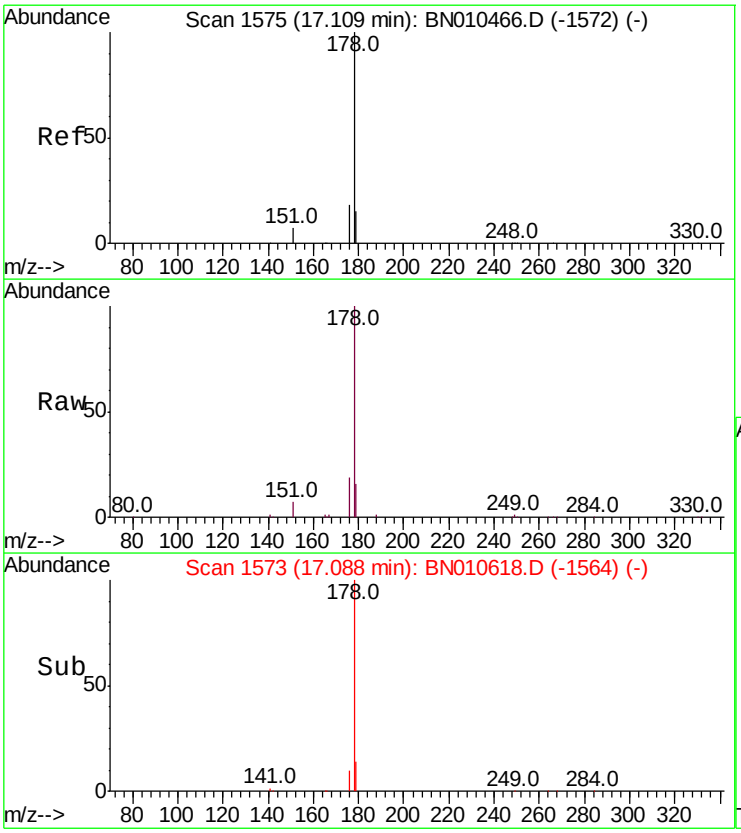
#23
Phenanthrene
Concen: 0.401 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 34252

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.7	12.6	18.8

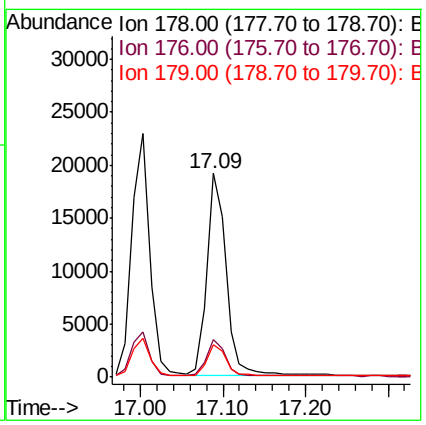


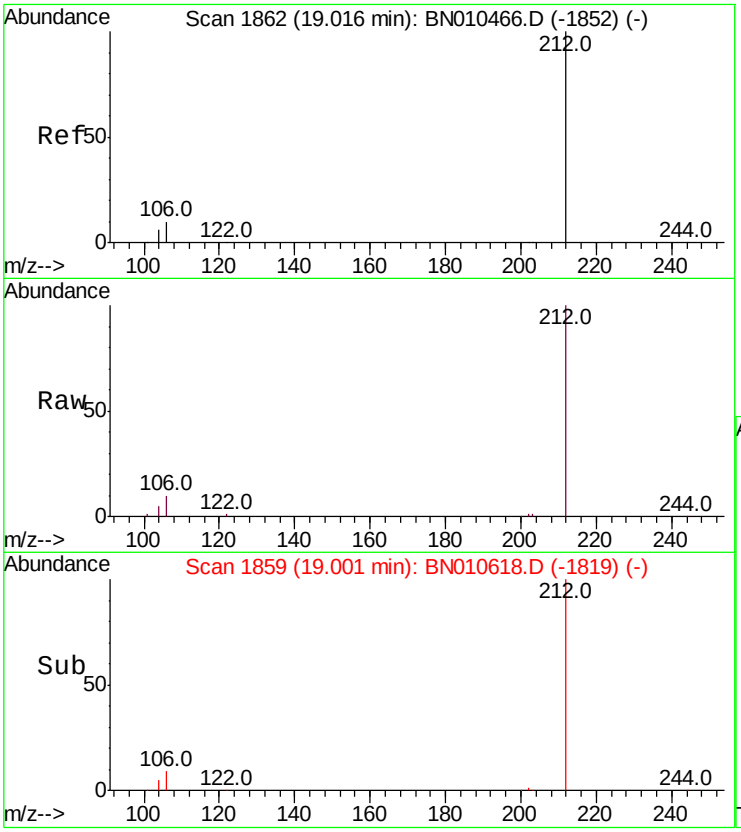


#24
Anthracene
Concen: 0.389 ng
RT: 17.09 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:178 Resp: 30356

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.1	12.2	18.2



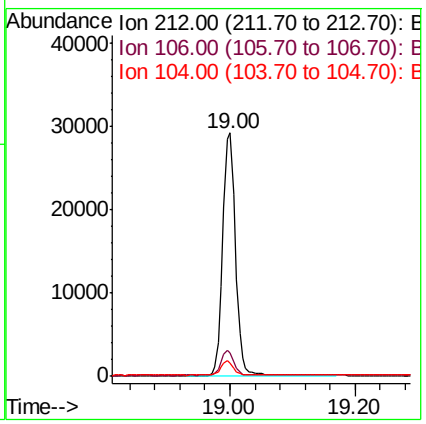


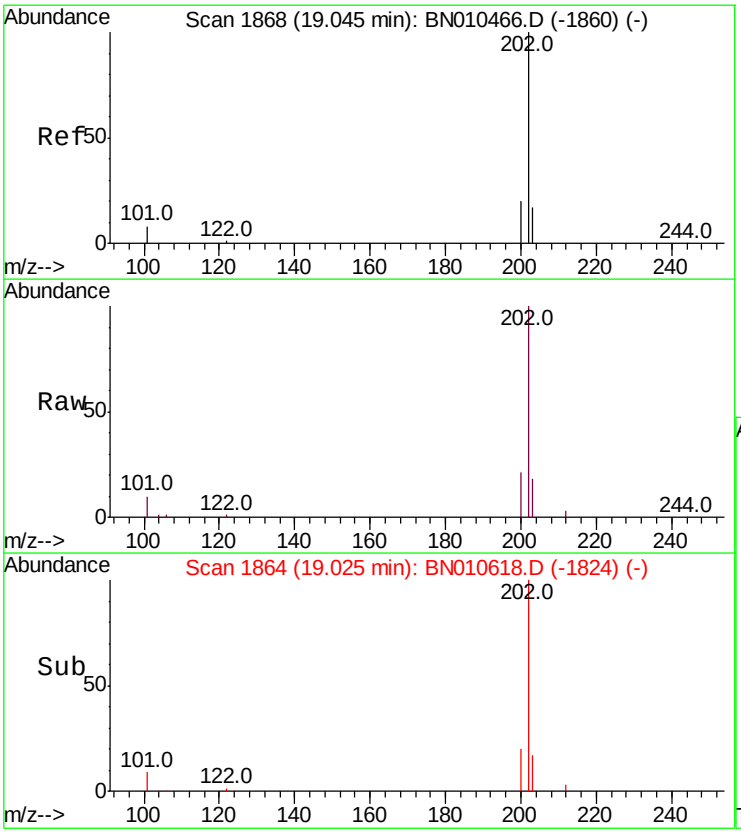
#25
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.00 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 41189

Ion	Ratio	Lower	Upper
212	100		
106	10.2	7.8	11.6
104	5.8	4.5	6.7

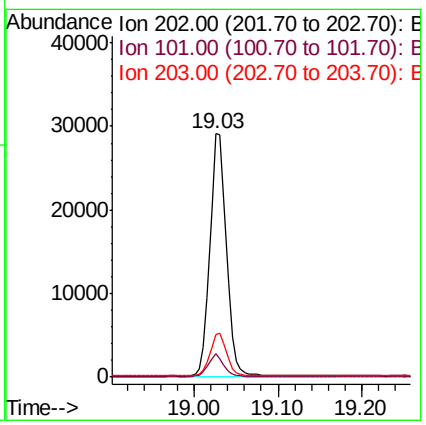


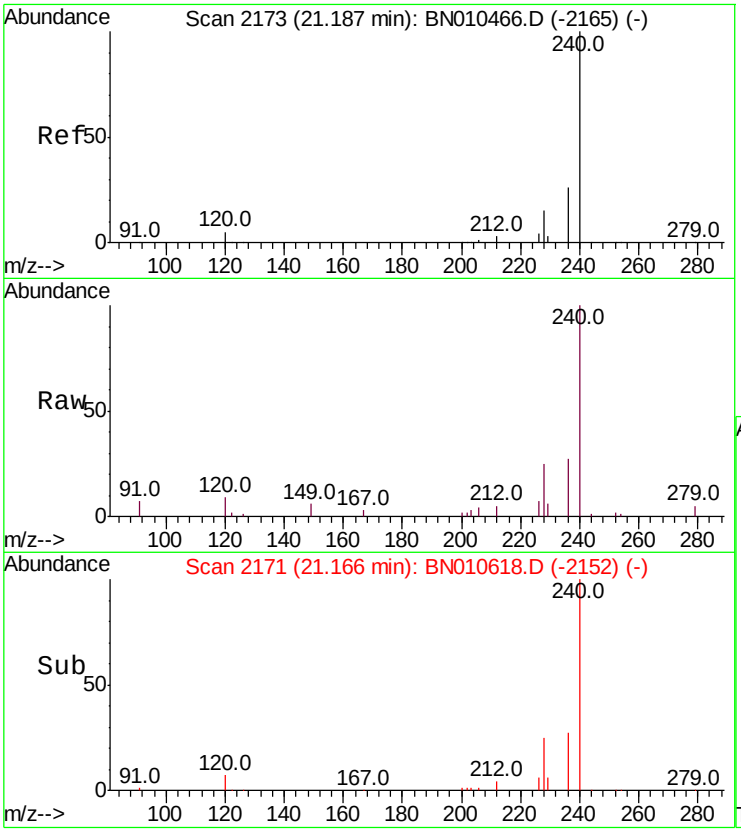


#26
Fluoranthene
Concen: 0.375 ng
RT: 19.03 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:202 Resp: 39872

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
203	17.3	13.9	20.9



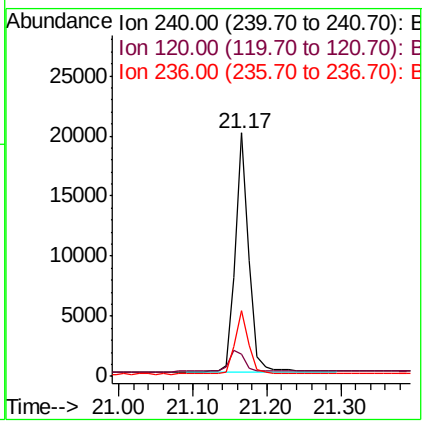


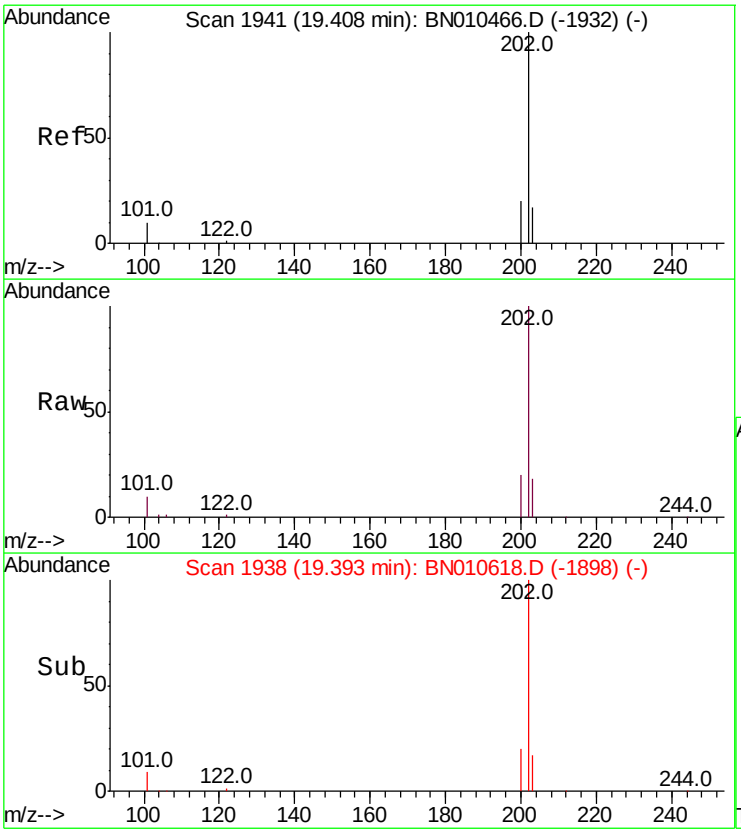
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 25709

Ion	Ratio	Lower	Upper
240	100		
120	8.9	4.8	7.2#
236	27.1	21.4	32.0

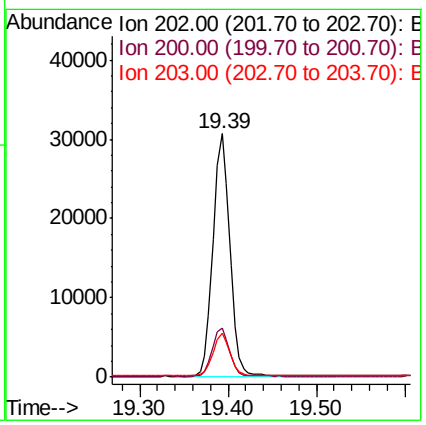


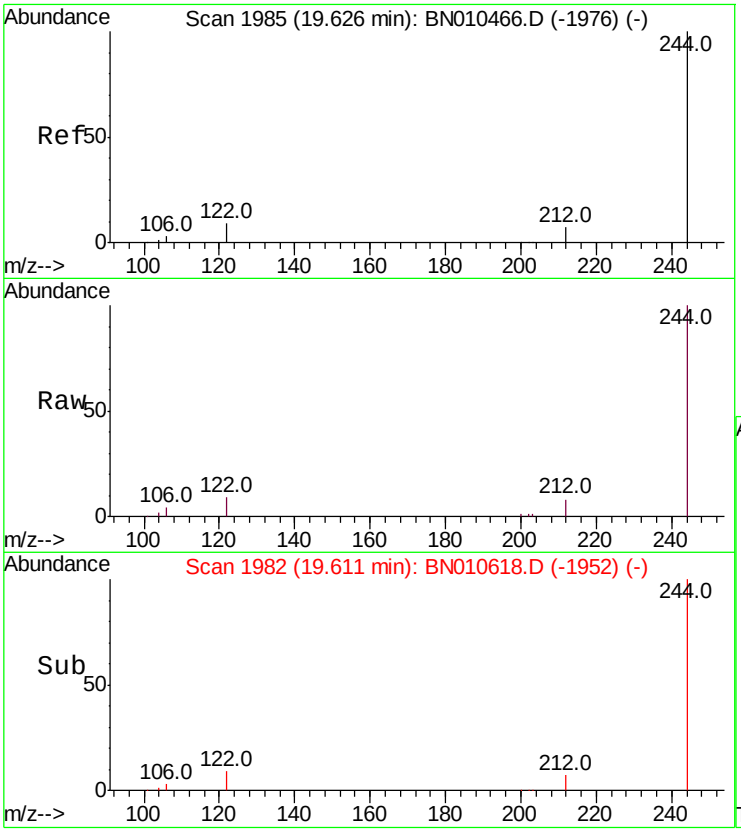


#28
Pyrene
Concen: 0.466 ng
RT: 19.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:202 Resp: 40330

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.6	14.0	21.0



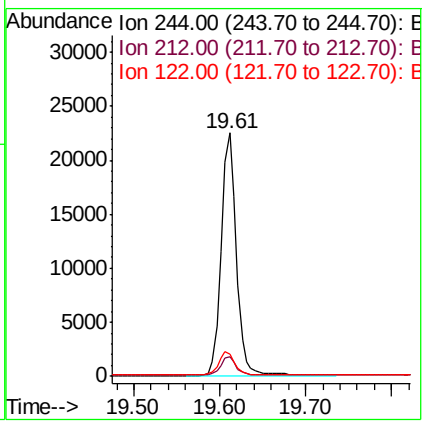


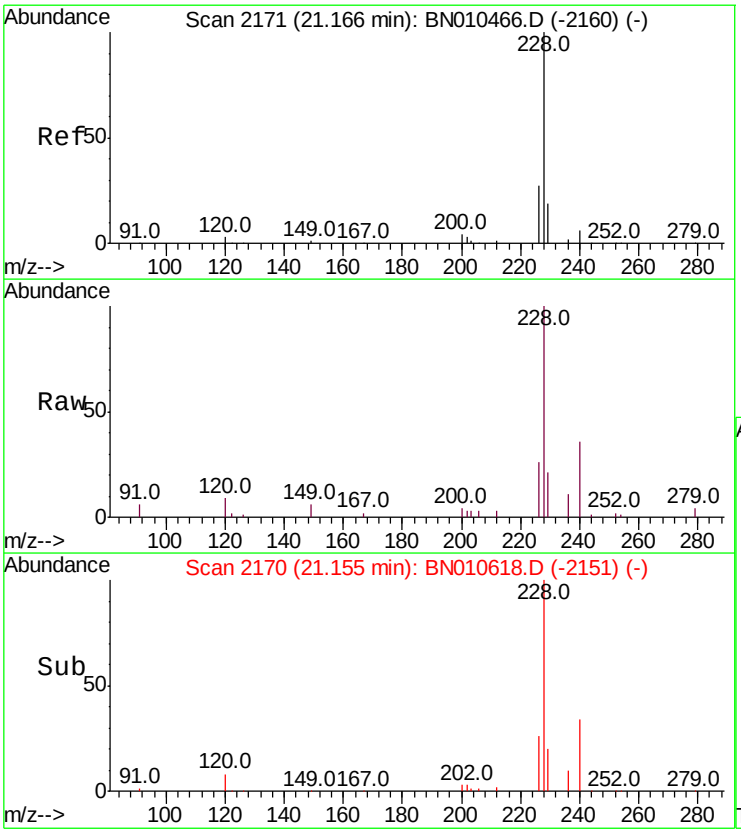
#29
Terphenyl-d14
Concen: 0.469 ng
RT: 19.61 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 27607

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	9.3	7.8	11.8

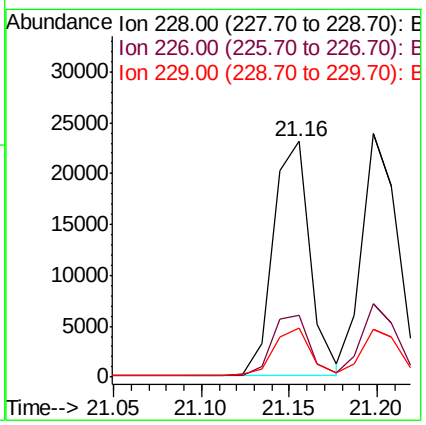


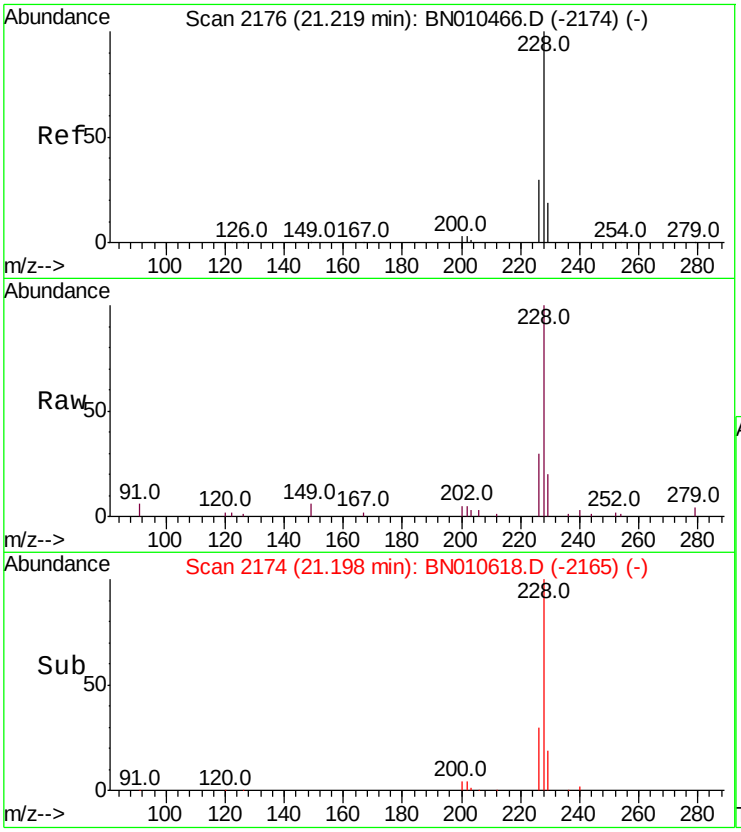


#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.16 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:228 Resp: 33517

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.7	32.5
229	20.6	15.6	23.4



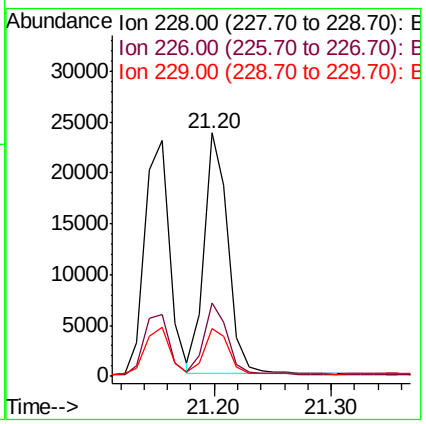


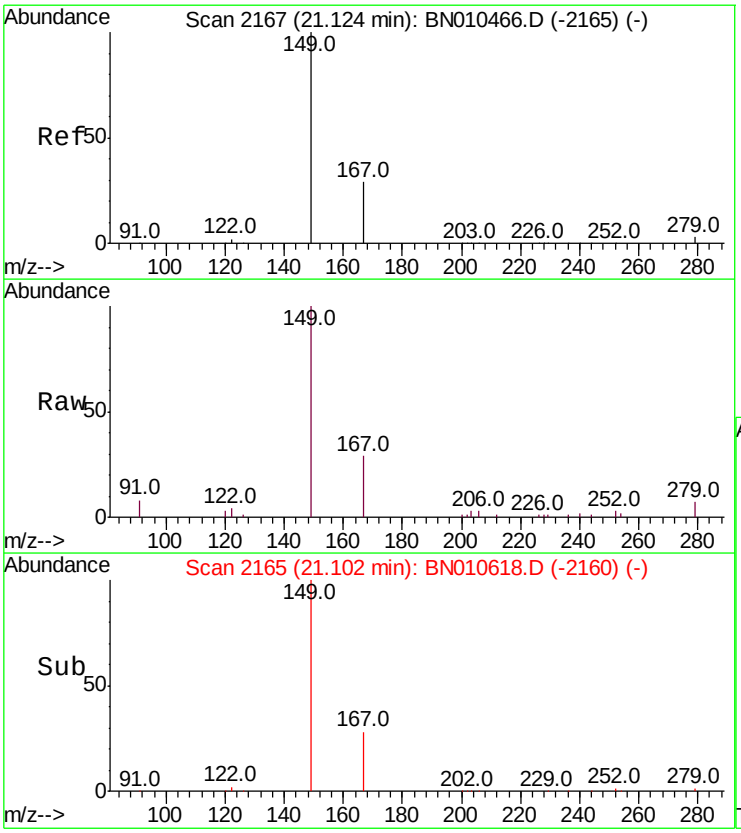
#31
Chrysene
Concen: 0.405 ng
RT: 21.20 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 33825

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	19.8	15.8	23.6

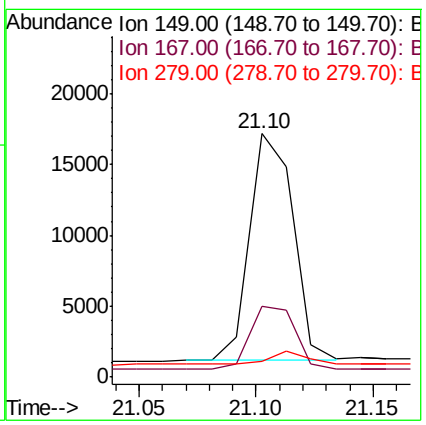


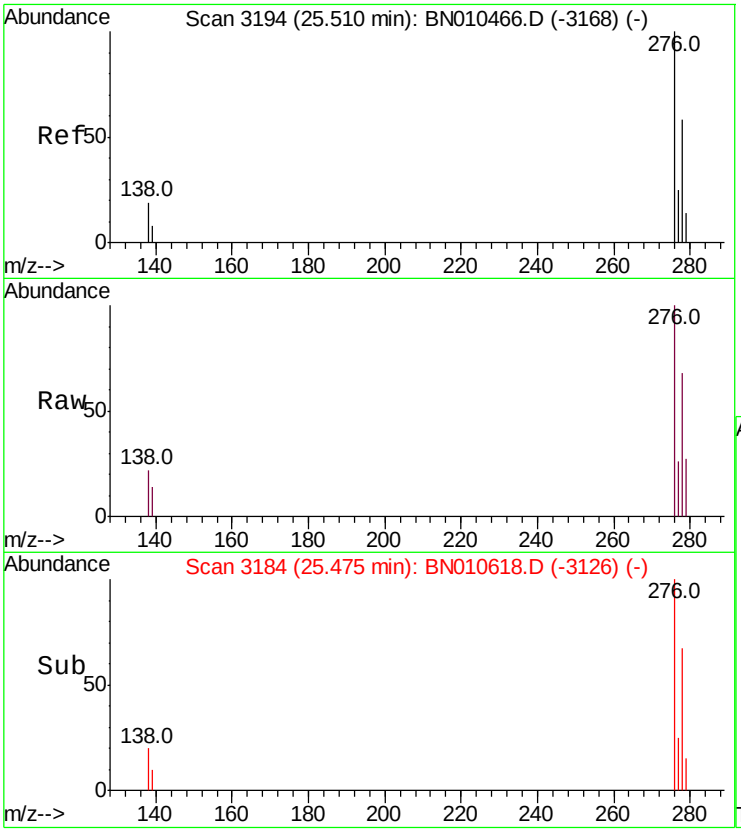


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.482 ng
RT: 21.10 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:149 Resp: 20747

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	5.5	4.0	6.0



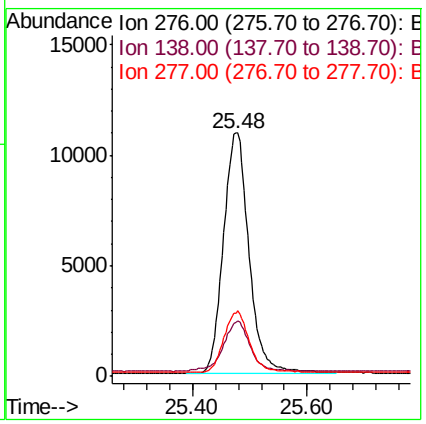


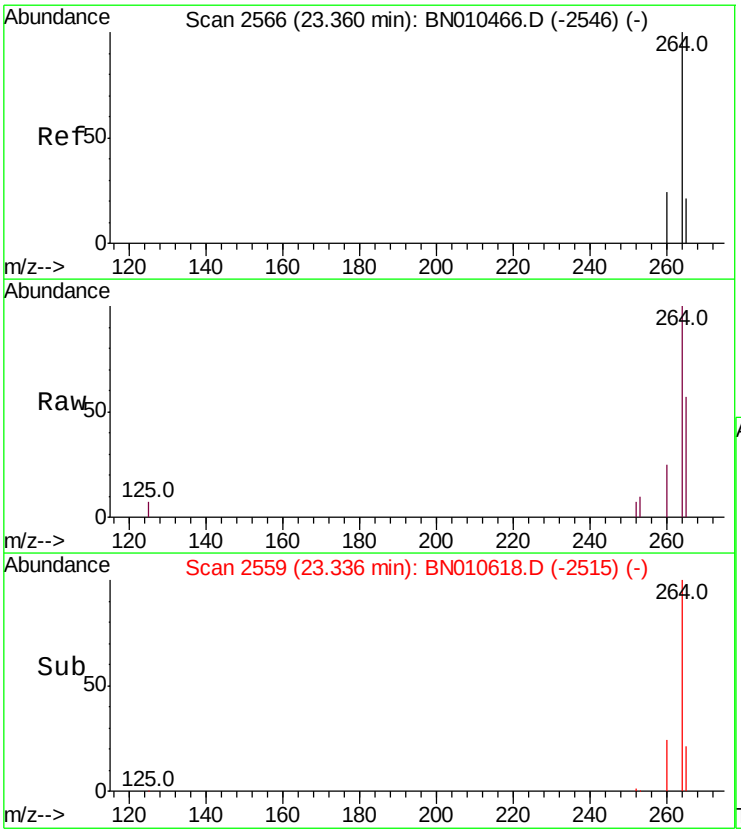
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.460 ng
RT: 25.48 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 33974

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.4	24.6
277	25.4	19.8	29.6

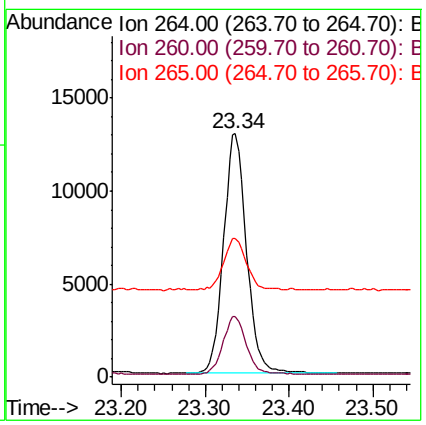


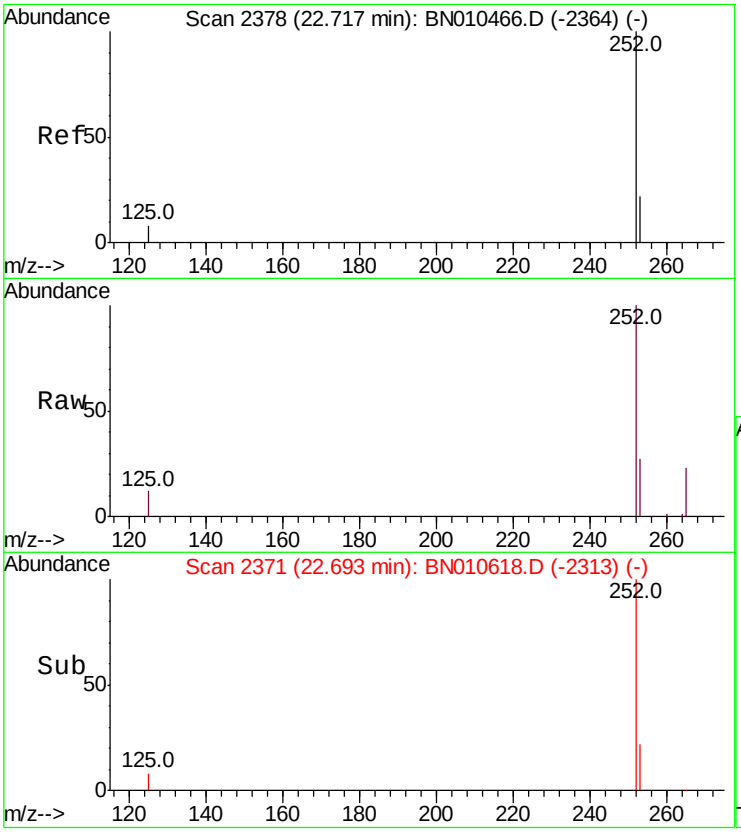


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.34 min Scan# 2559
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:264 Resp: 24588

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	57.2	42.3	63.5



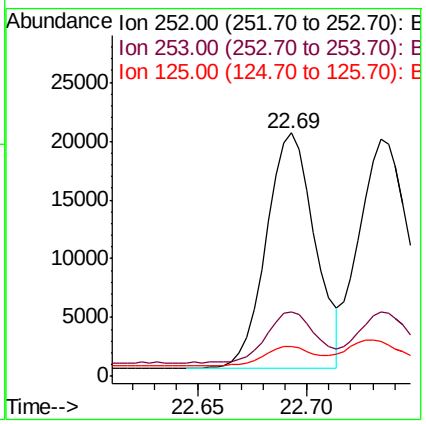


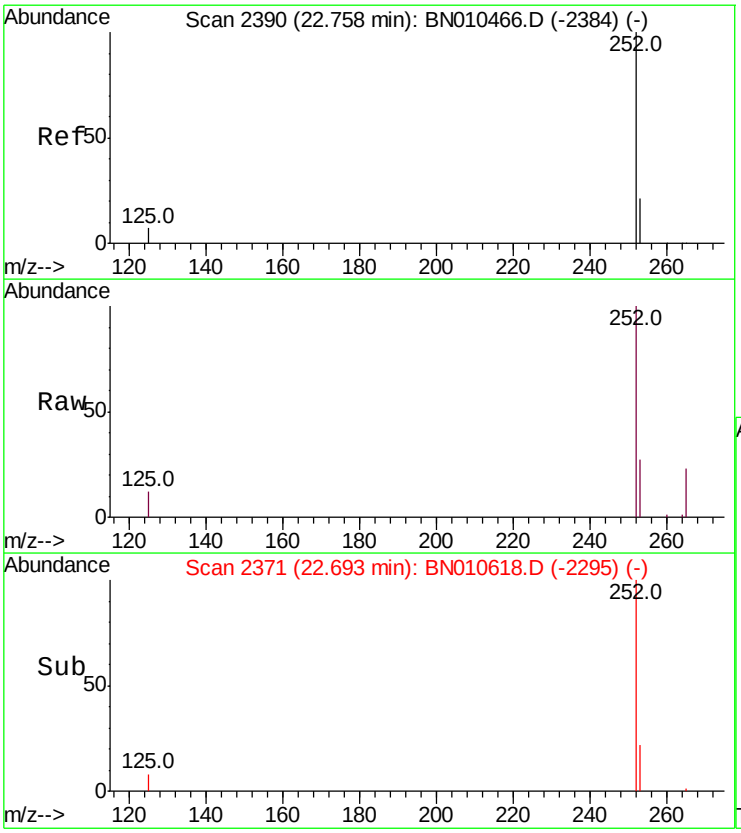
#35
Benzo(b)fluoranthene
Concen: 0.382 ng
RT: 22.69 min Scan# 2371
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 30956

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.4
125	12.3	9.2	13.8

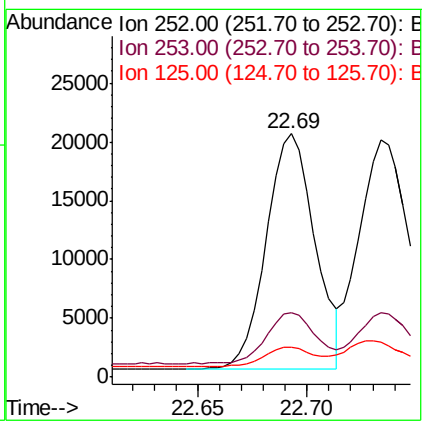


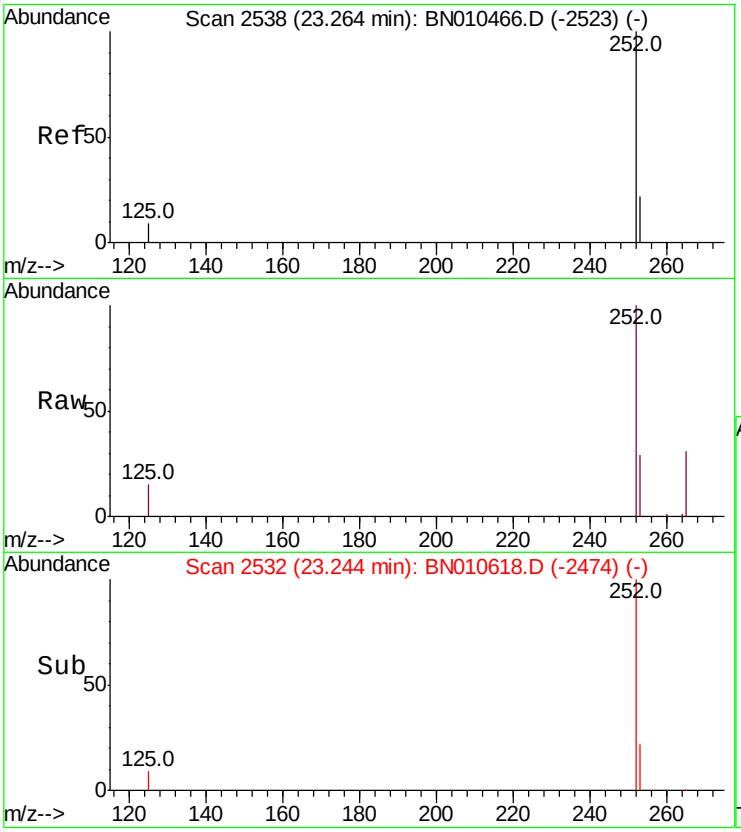


#36
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.69 min Scan# 2371
Delta R.T. -0.04 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:252 Resp: 30956

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.1	30.1
125	12.3	9.6	14.4



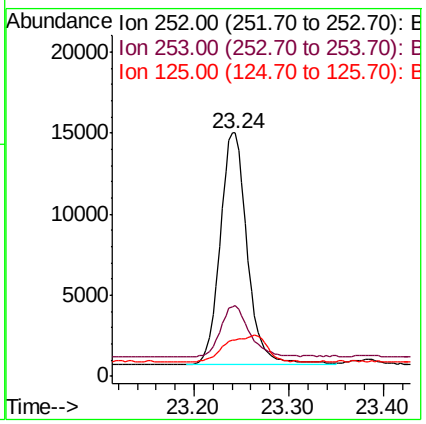


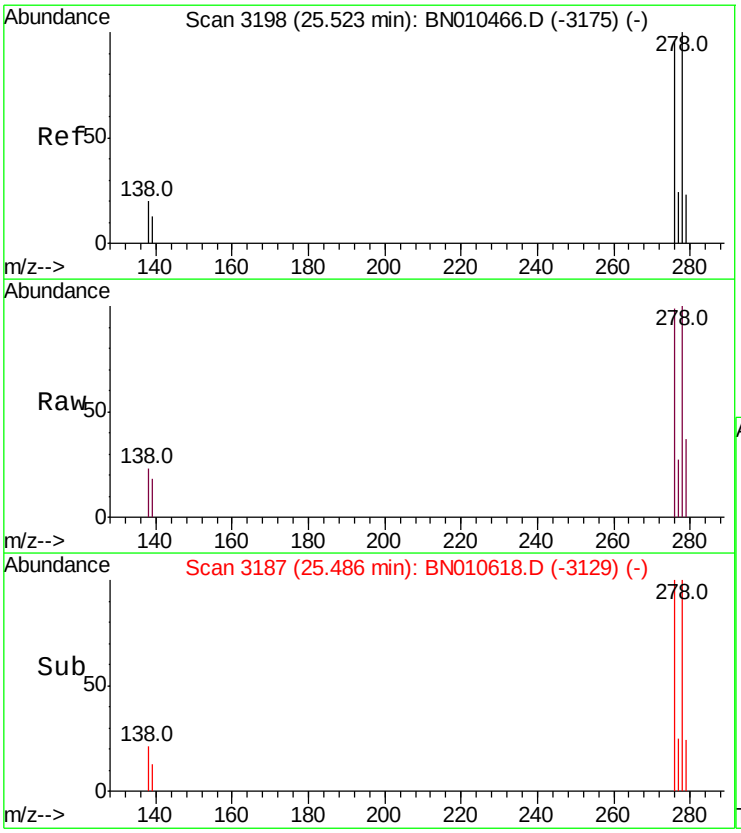
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.24 min Scan# 2532
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 28512

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.8	32.8
125	15.1	11.0	16.6

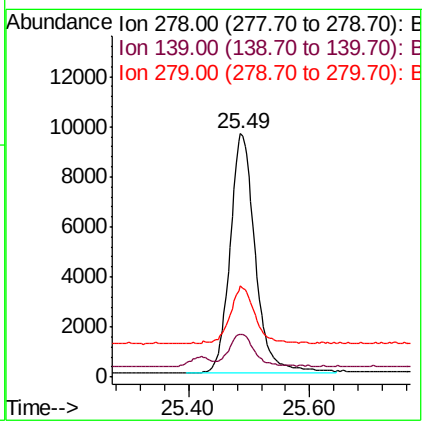


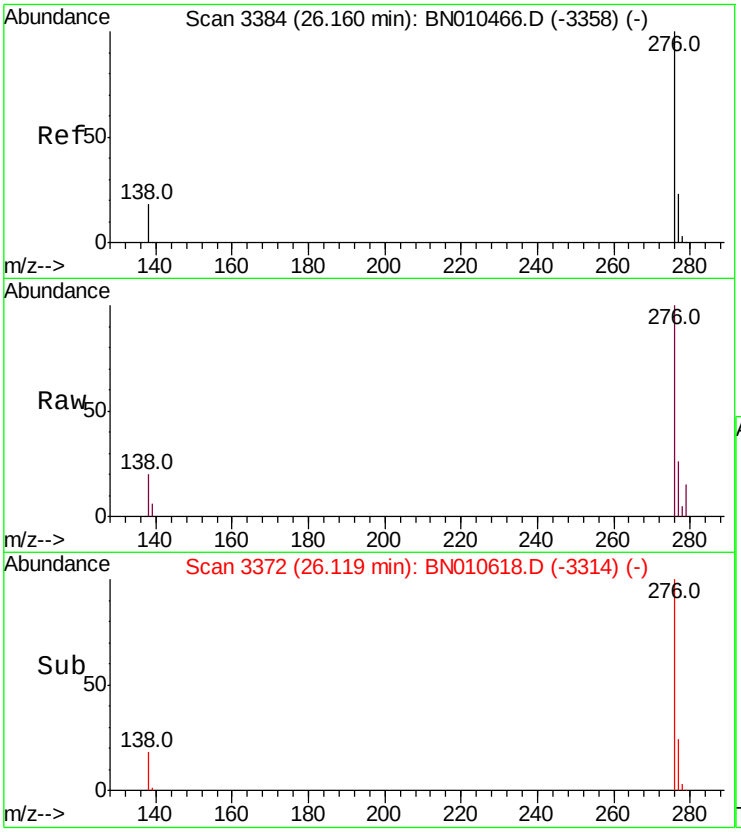


#38
Dibenzo(a,h)anthracene
Concen: 0.420 ng
RT: 25.49 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Tgt Ion:278 Resp: 27541

Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.3	18.5
279	37.4	21.9	32.9#





#39
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 26.12 min Scan# 3372
Delta R.T. 0.00 min
Lab File: BN010618.D
Acq: 28 Apr 2020 09:29

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27515

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.2	30.2
138	20.1	15.4	23.2