Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
Data File : BN010322.D
Acq On : 24 Mar 2020 11:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Mar 31 02:32:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	3728	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	12752	0.40	ng		0.00
13) Acenaphthene-d10	14.24	164	7368	0.40	ng		-0.01
19) Phenanthrene-d10	16.99	188	17568	0.40	ng		0.00
27) Chrysene-d12	21.19	240	17752	0.40	ng		0.00
34) Perylene-d12	23.35	264	16915	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2807	0.38	ng		0.00
5) Phenol-d6	6.80	99	3500	0.38	ng		0.00
8) Nitrobenzene-d5	8.74	82	3107	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.97	152	9008	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	990	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.86	172	11779	0.42	ng		0.00
25) Fluoranthene-d10	19.02	212	23004	0.43	ng		0.00
29) Terphenyl-d14	19.63	244	15730	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	1393	0.398	ng		99
3) n-Nitrosodimethylamine	3.57	42	814	0.275	ng		94
6) bis(2-Chloroethyl)ether	7.06	93	3641	0.413	ng		97
9) Naphthalene	10.42	128	12838	0.404	ng		98
10) Hexachlorobutadiene	10.73	225	3229	0.419	ng	#	99
12) 2-Methylnaphthalene	12.05	142	8753	0.397	ng		100
16) Acenaphthylene	13.96	152	10631	0.368	ng		100
17) Acenaphthene	14.30	154	8272	0.402	ng		98
18) Fluorene	15.29	166	10940	0.400	ng		100
20) 4-Bromophenyl-phenylether	16.19	248	4042	0.379	ng	#	92
21) Hexachlorobenzene	16.31	284	4722	0.431	ng		99
22) Pentachlorophenol	16.65	266	1119	0.299	ng		98
23) Phenanthrene	17.03	178	19403	0.402	ng		100
24) Anthracene	17.11	178	15141	0.367	ng		99
26) Fluoranthene	19.05	202	23273	0.393	ng		100
28) Pyrene	19.41	202	22933	0.415	ng		100
30) Benzo(a)anthracene	21.16	228	20979	0.371	ng		98
31) Chrysene	21.22	228	25057	0.413	ng		98
32) Bis(2-ethylhexyl)phthalate	21.13	149	5664	0.297	ng		98
33) Indeno(1,2,3-cd)pyrene	25.50	276	26022	0.401	ng		99
35) Benzo(b)fluoranthene	22.71	252	24199	0.421	ng		99
36) Benzo(k)fluoranthene	22.76	252	23934	0.409	ng		97
37) Benzo(a)pyrene	23.26	252	18860	0.389	ng		98
38) Dibenzo(a,h)anthracene	25.52	278	21365	0.408	ng		98
39) Benzo(g,h,i)perylene	26.15	276	22206	0.421	ng		99

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032420\
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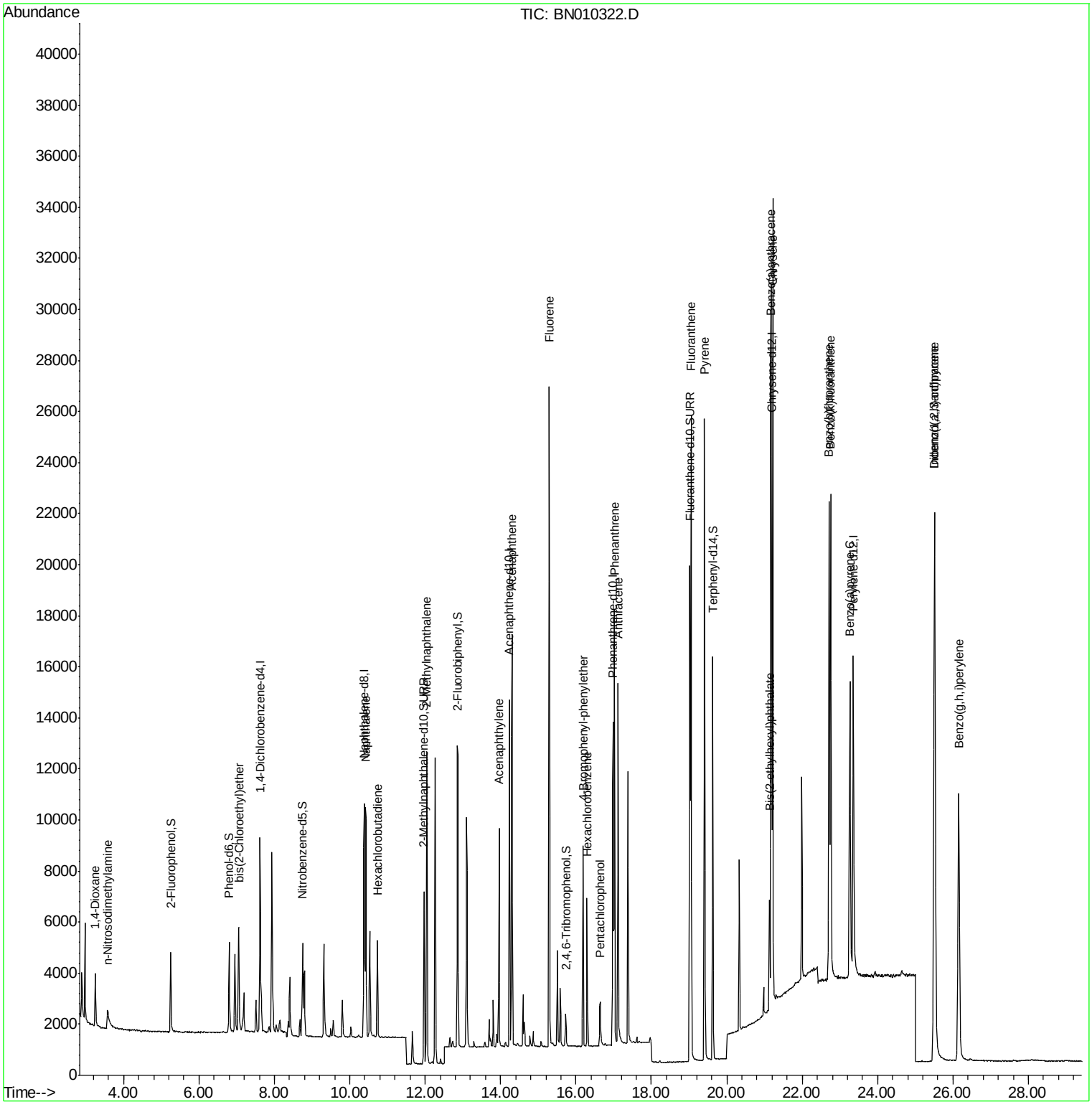
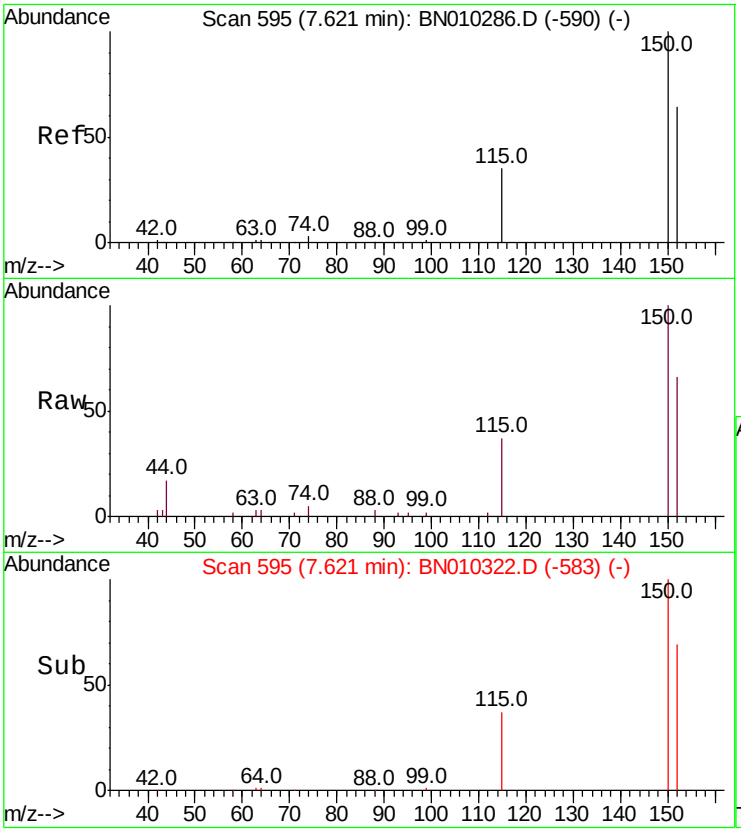
Acq On : 24 Mar 2020 11:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Mar 31 02:32:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration



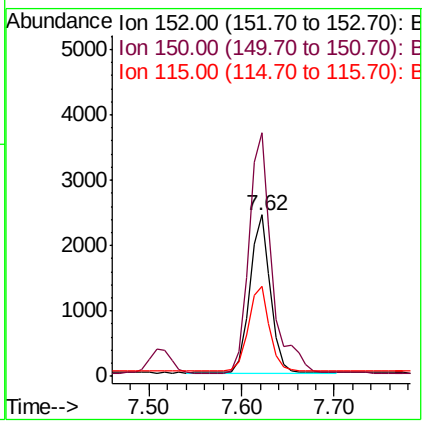


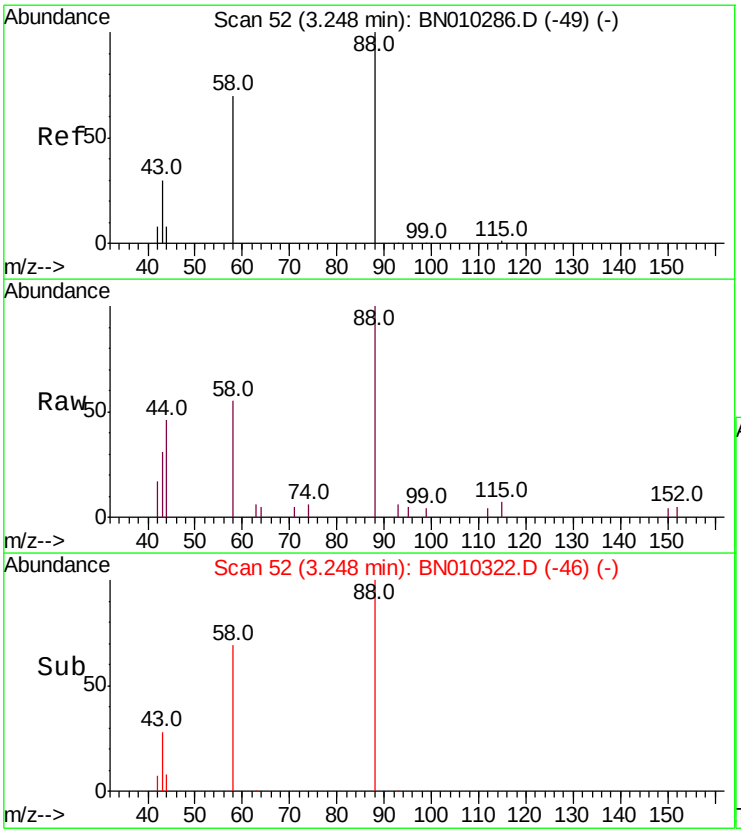
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3728

Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.1	184.7
115	55.6	45.2	67.8

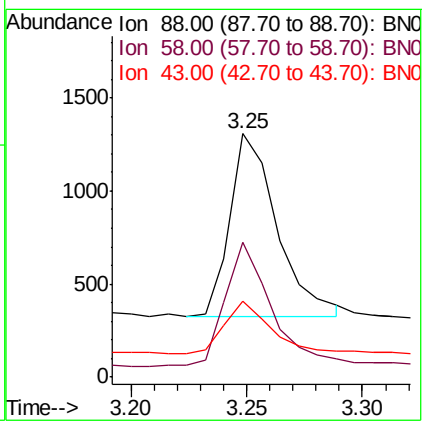


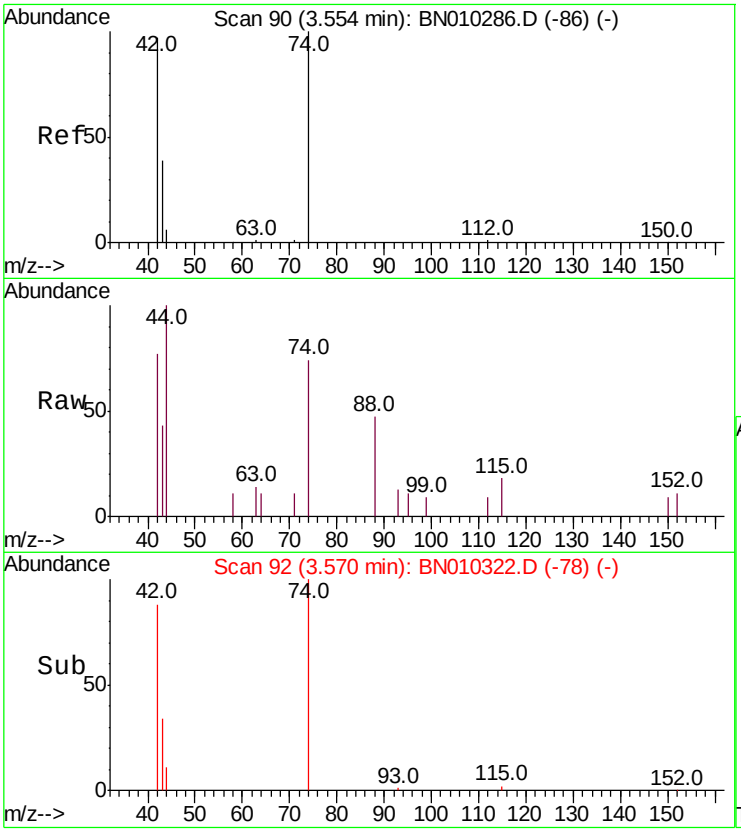


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion: 88 Resp: 1393

Ion	Ratio	Lower	Upper
88	100		
58	64.9	51.7	77.5
43	27.8	21.2	31.8



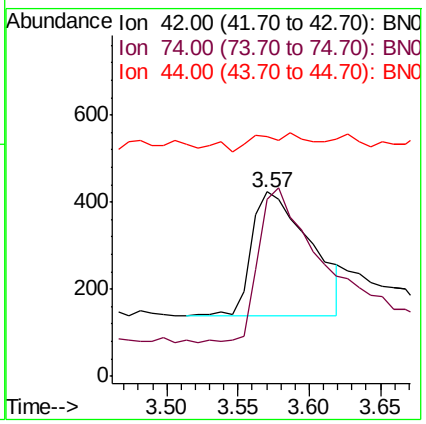


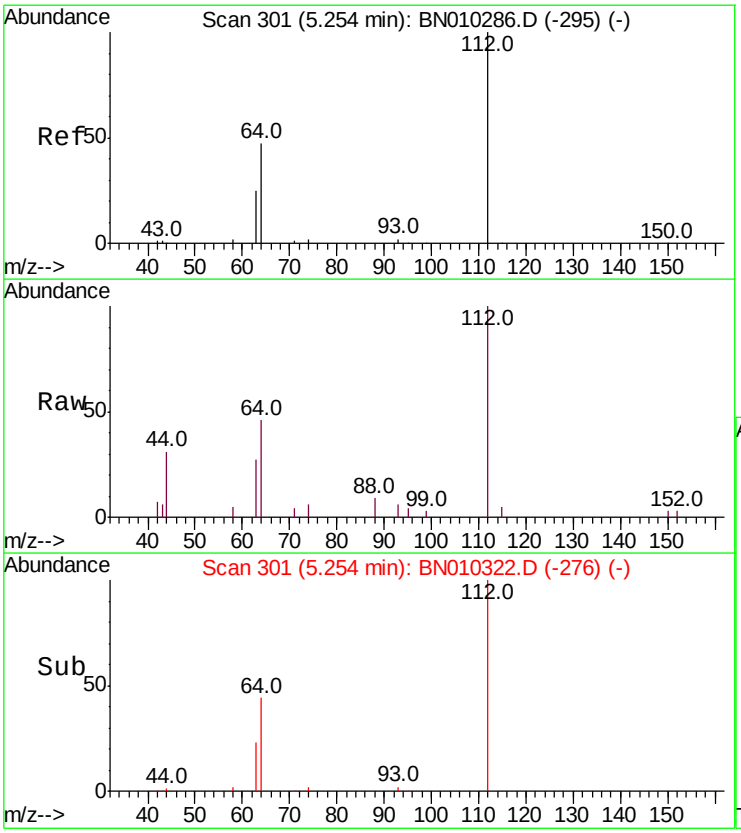
#3
n-Nitrosodimethylamine
Concen: 0.275 ng
RT: 3.57 min Scan# 92
Delta R.T. 0.02 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 814

Ion	Ratio	Lower	Upper
42	100		
74	117.7	99.4	149.0
44	7.1	4.8	7.2

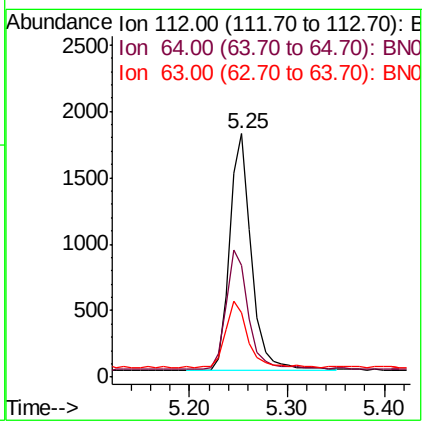


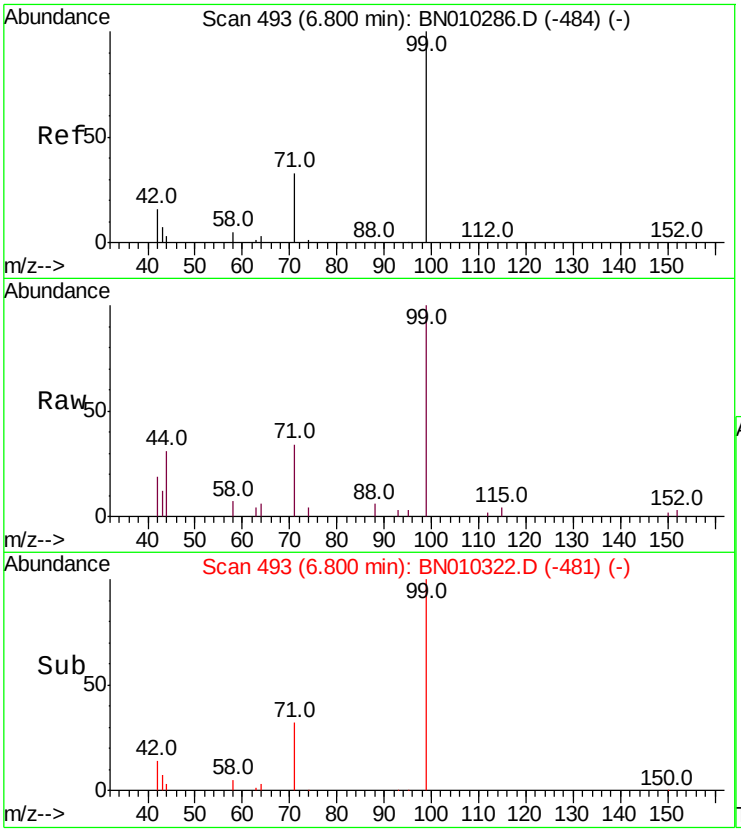


#4
2-Fluorophenol
Concen: 0.380 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:112 Resp: 2807

Ion	Ratio	Lower	Upper
112	100		
64	51.9	41.4	62.2
63	28.0	22.9	34.3



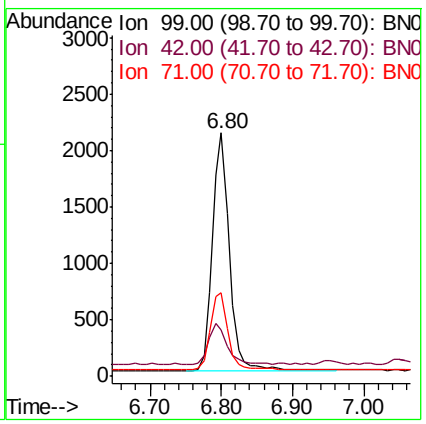


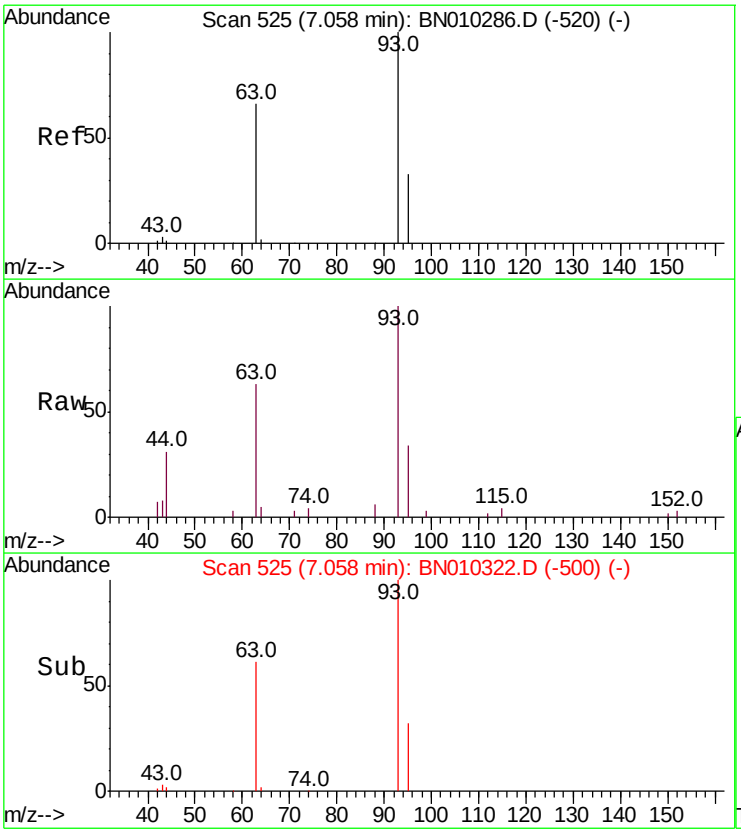
#5
Phenol-d6
Concen: 0.381 ng
RT: 6.80 min Scan# 493
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 3500

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.8	22.2
71	34.1	27.3	40.9

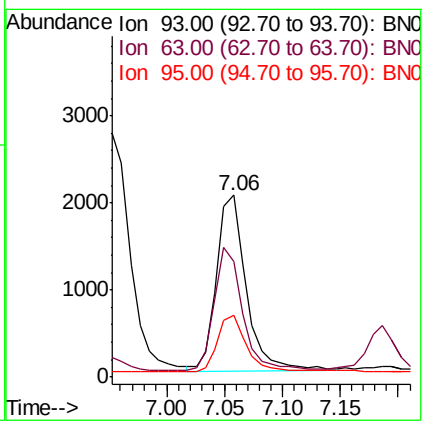


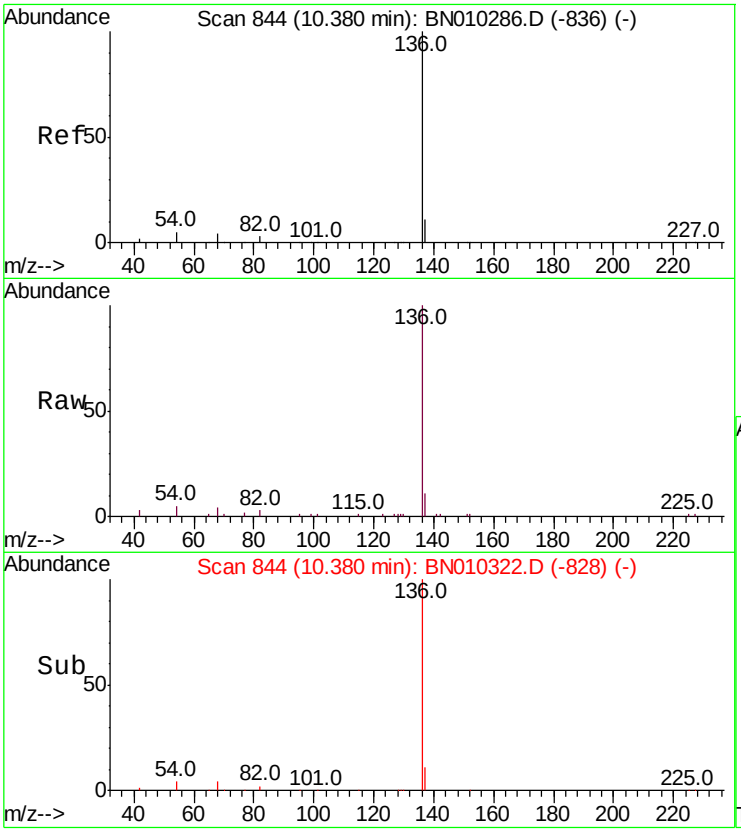


#6
bis(2-Chloroethyl)ether
Concen: 0.413 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion: 93 Resp: 3641

Ion	Ratio	Lower	Upper
93	100		
63	66.7	55.6	83.4
95	31.5	26.2	39.4



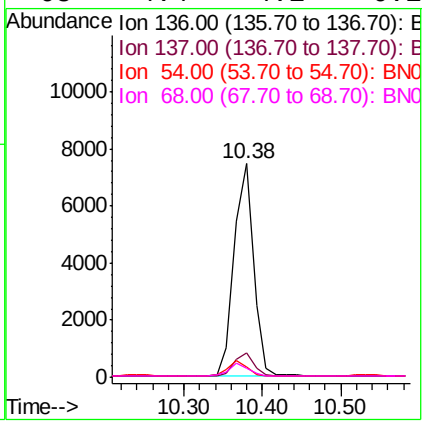


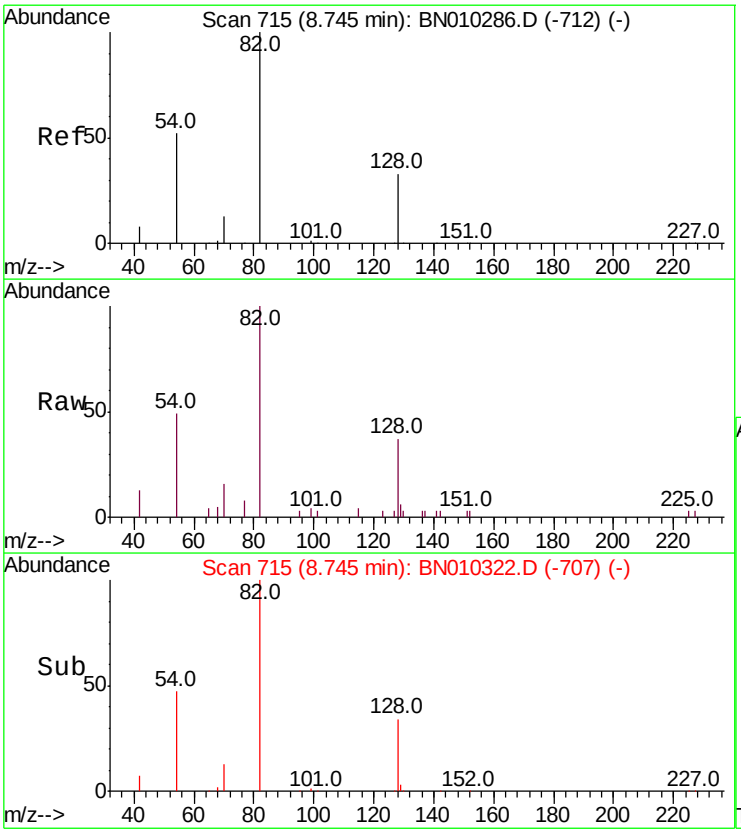
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 12752

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	4.6	4.8	7.2#
68	4.4	4.1	6.1

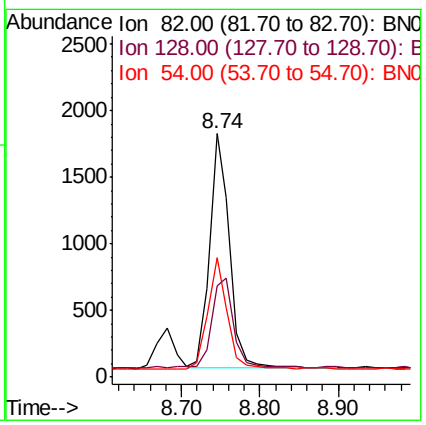


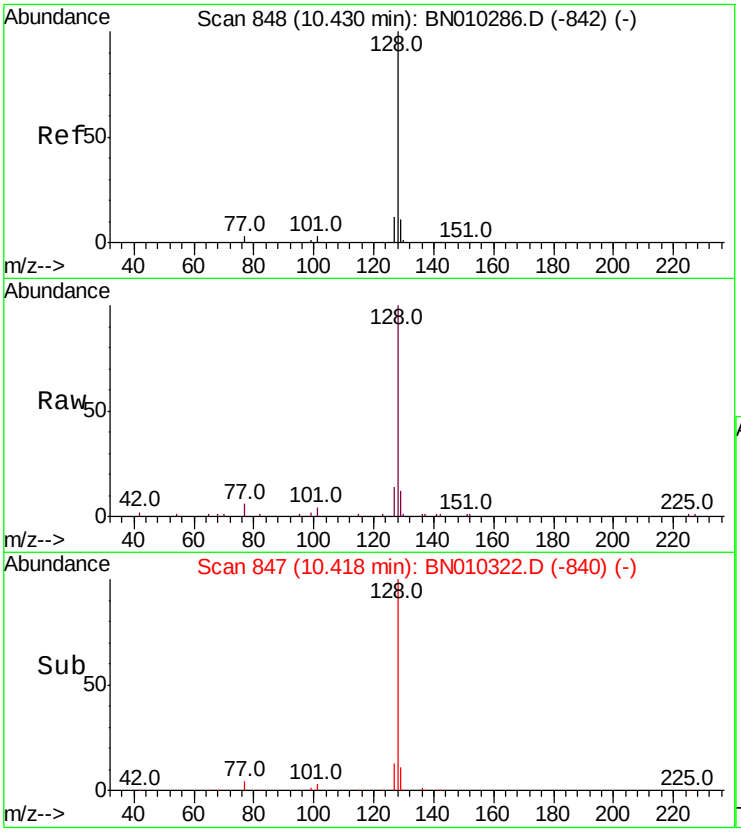


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion: 82 Resp: 3107

Ion	Ratio	Lower	Upper
82	100		
128	37.3	28.8	43.2
54	49.1	42.1	63.1



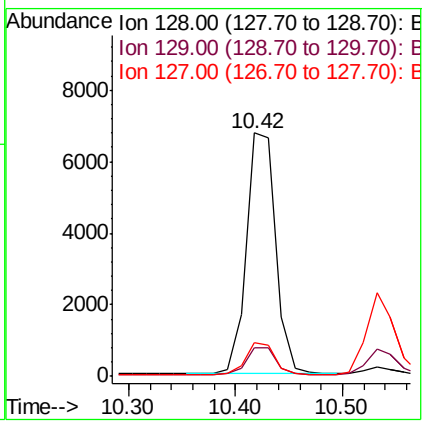


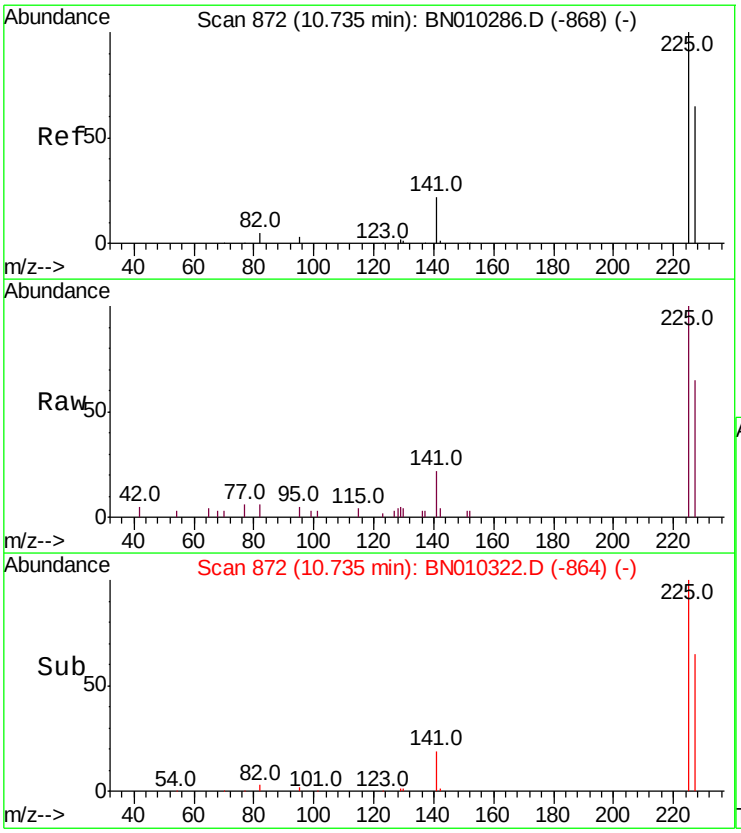
#9
Naphthalene
Concen: 0.404 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12838

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.9	10.4	15.6

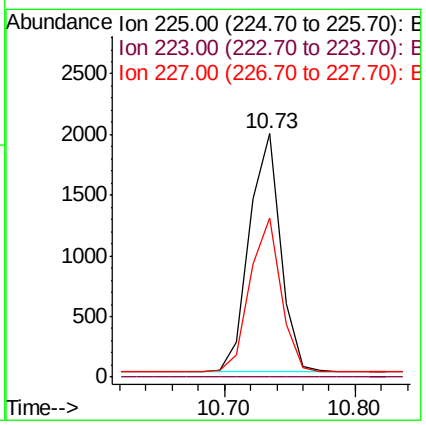


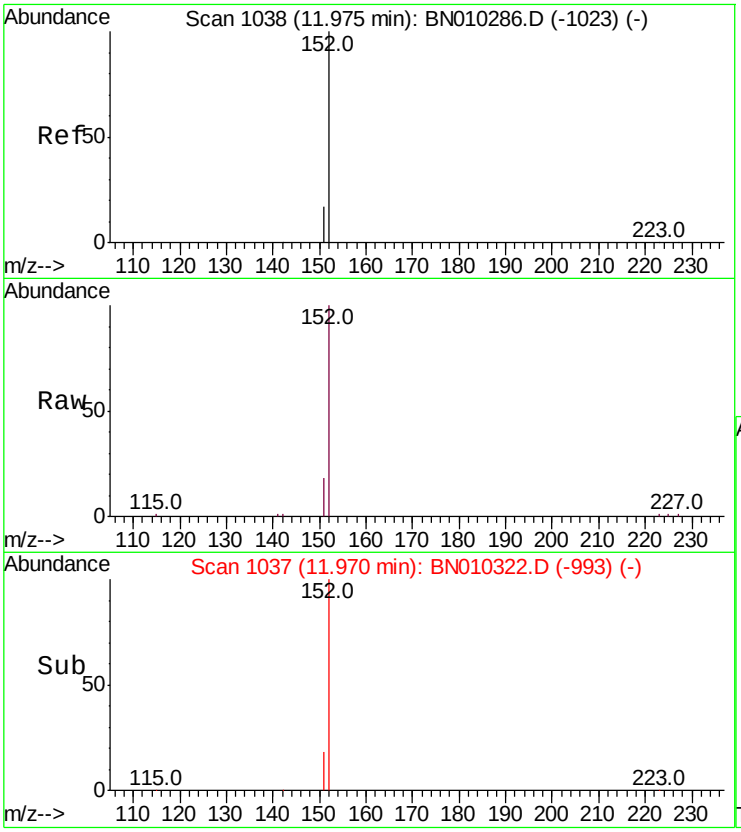


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:225 Resp: 3229

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.9	77.9



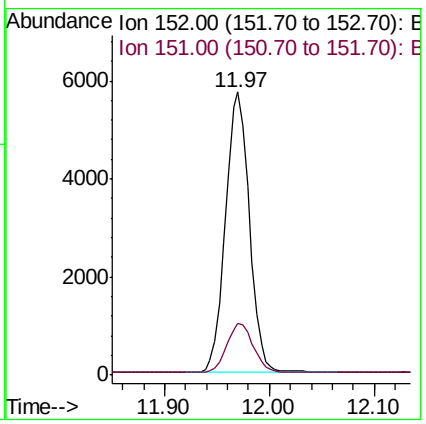


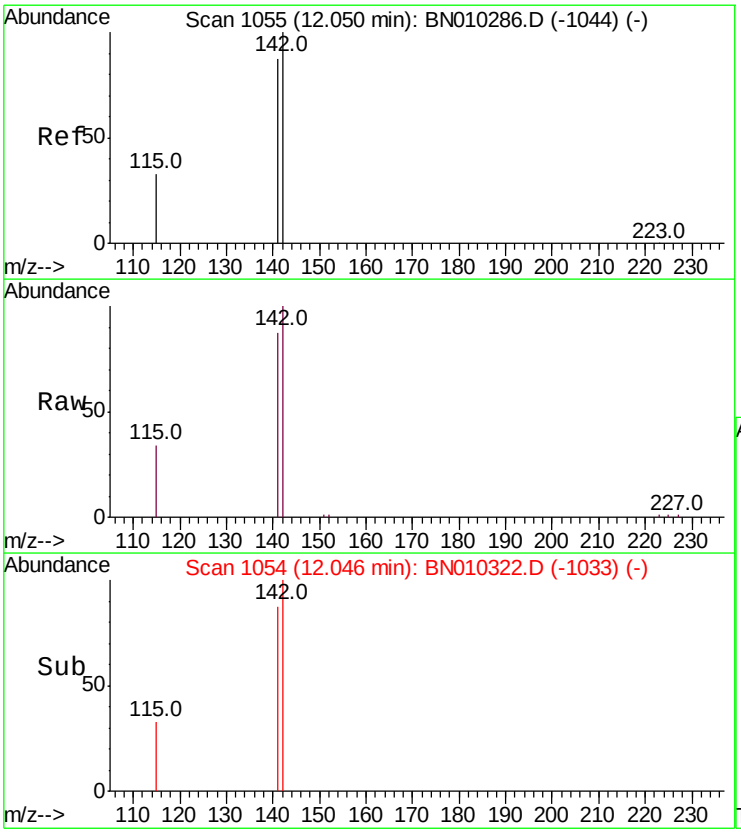
#11
2-Methylnaphthalene-d10
Concen: 0.443 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9008

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

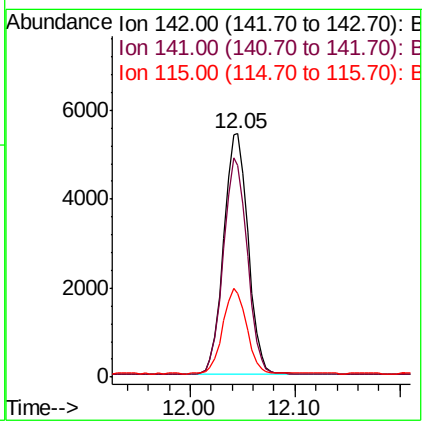


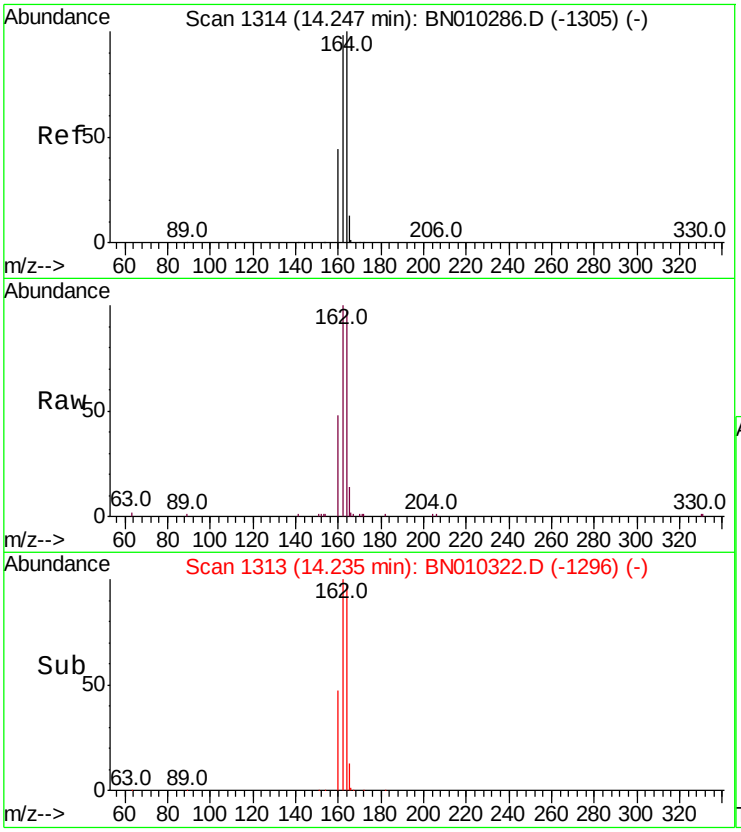


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:142 Resp: 8753

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.5	104.3
115	34.4	27.5	41.3



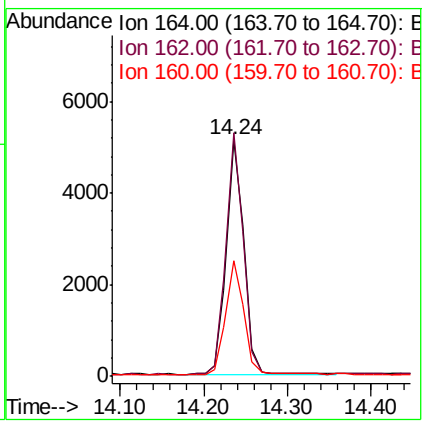


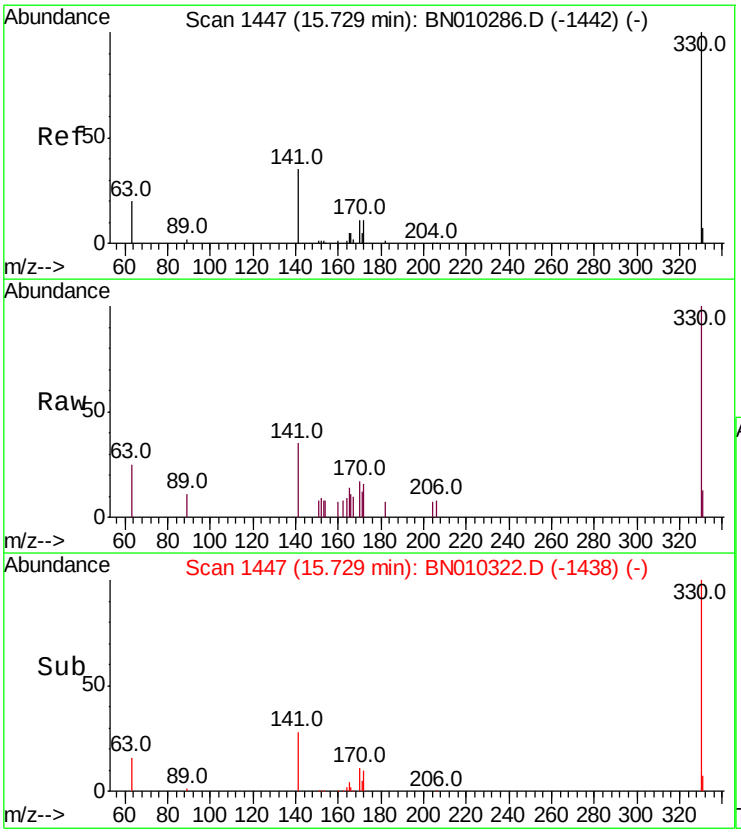
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 7368

Ion	Ratio	Lower	Upper
164	100		
162	102.9	78.2	117.2
160	48.9	35.8	53.6

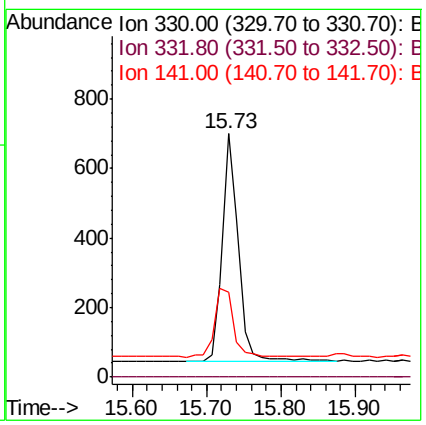


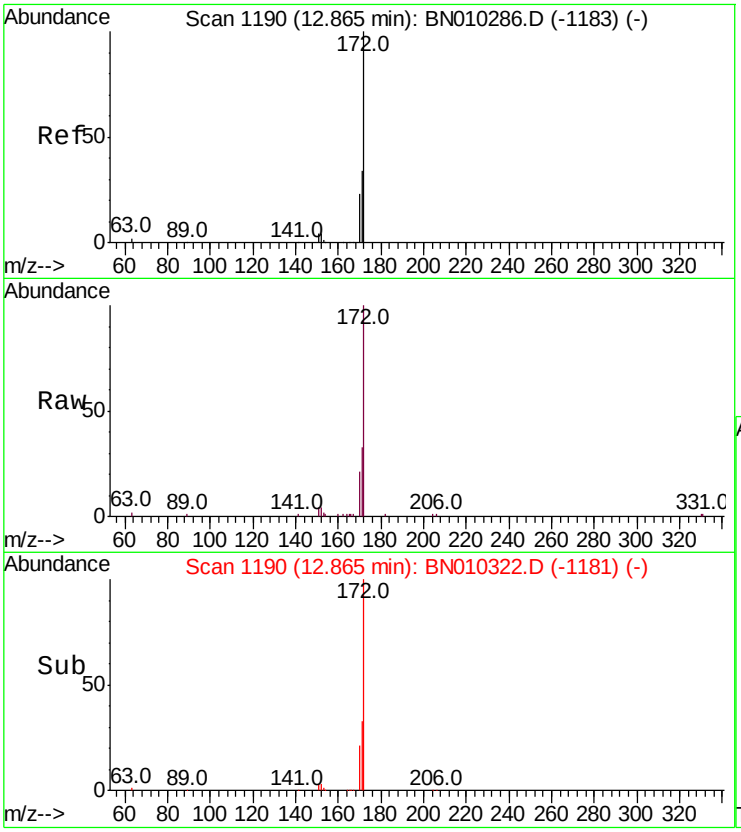


#14
2,4,6-Tribromophenol
Concen: 0.350 ng
RT: 15.73 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:330 Resp: 990

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.5	29.3	43.9



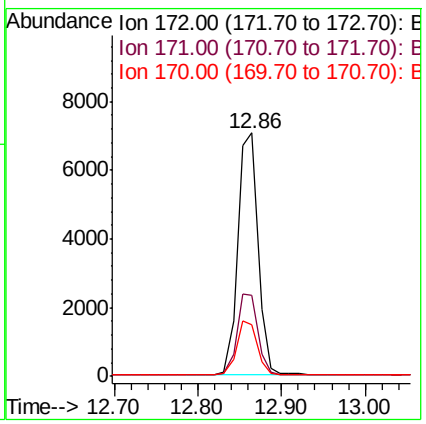


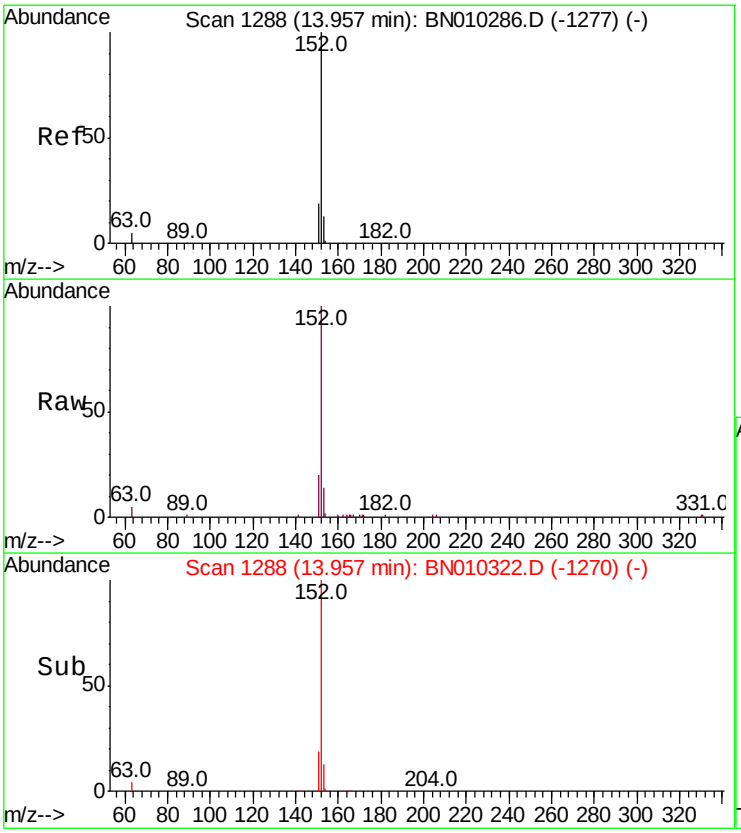
#15
2-Fluorobiphenyl
Concen: 0.418 ng
RT: 12.86 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 11779

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.6	41.4
170	21.1	18.5	27.7

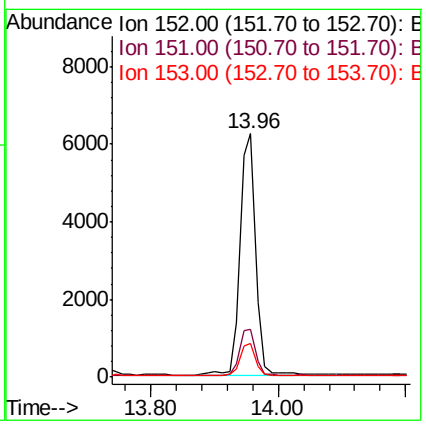


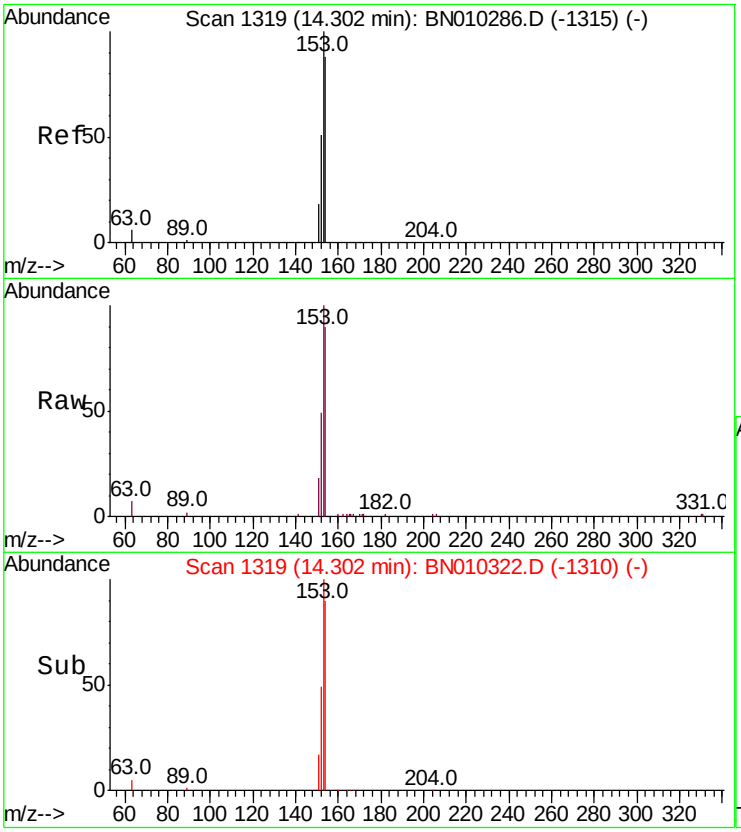


#16
Acenaphthylene
Concen: 0.368 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:152 Resp: 10631

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.0	10.6	15.8



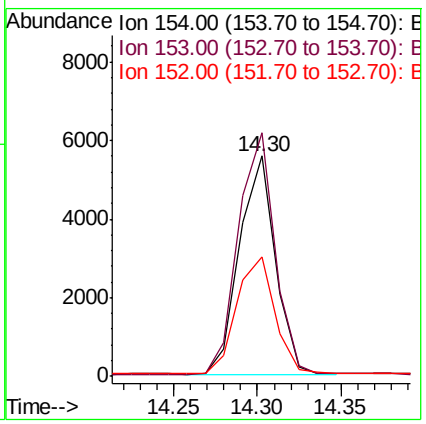


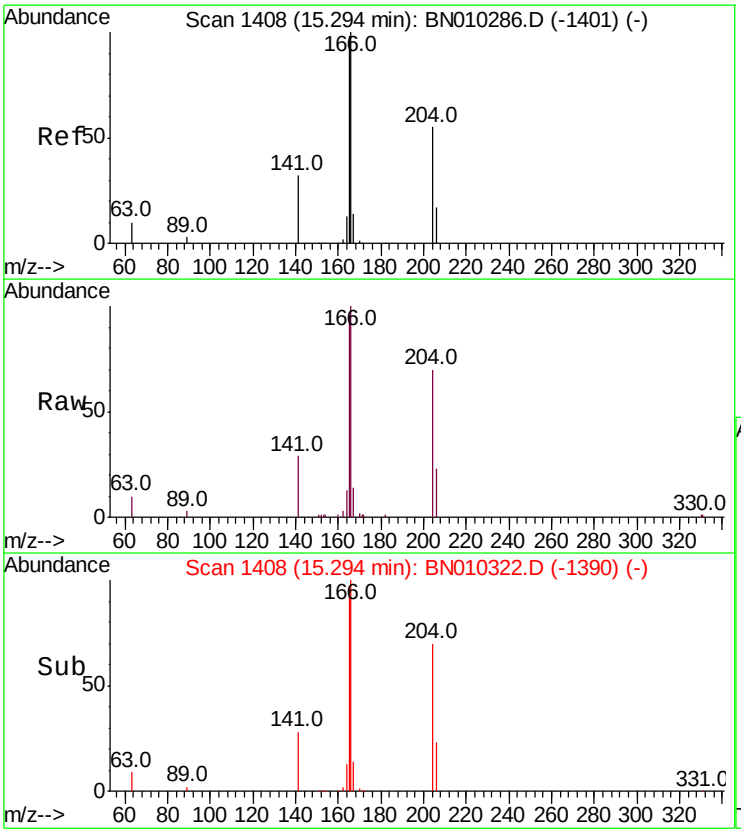
#17
Acenaphthene
Concen: 0.402 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8272

Ion	Ratio	Lower	Upper
154	100		
153	112.8	88.1	132.1
152	57.8	45.5	68.3

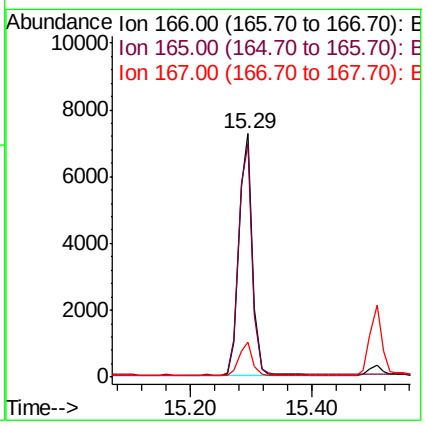


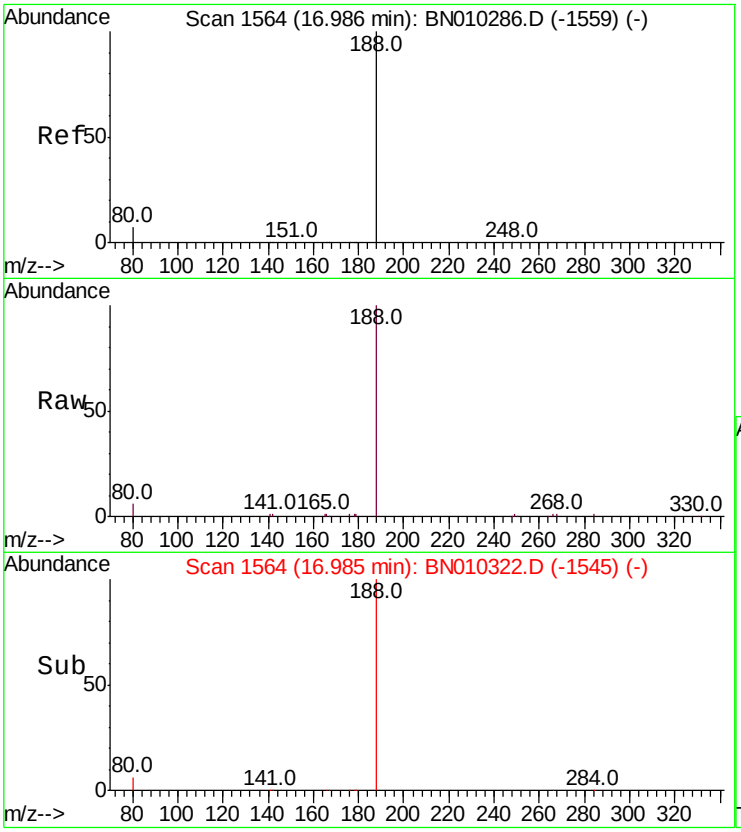


#18
Fluorene
Concen: 0.400 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:166 Resp: 10940

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.4	11.0	16.4



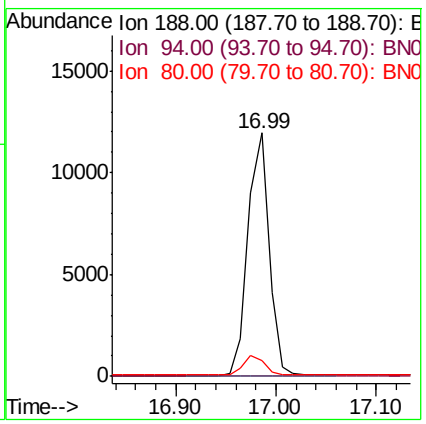


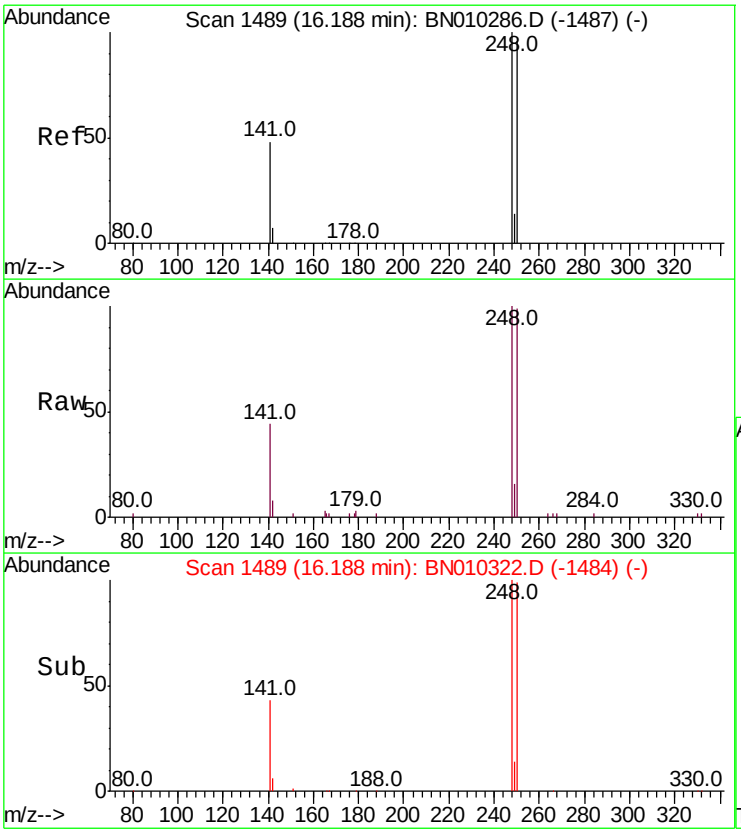
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 17568

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.3	6.0	9.0

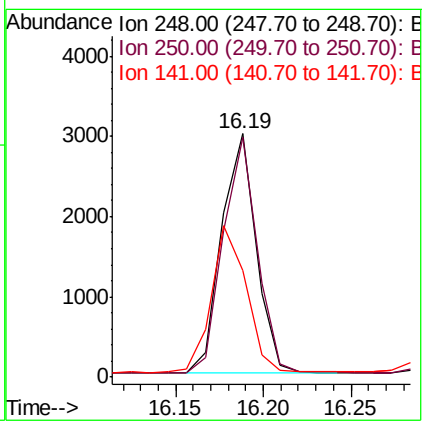


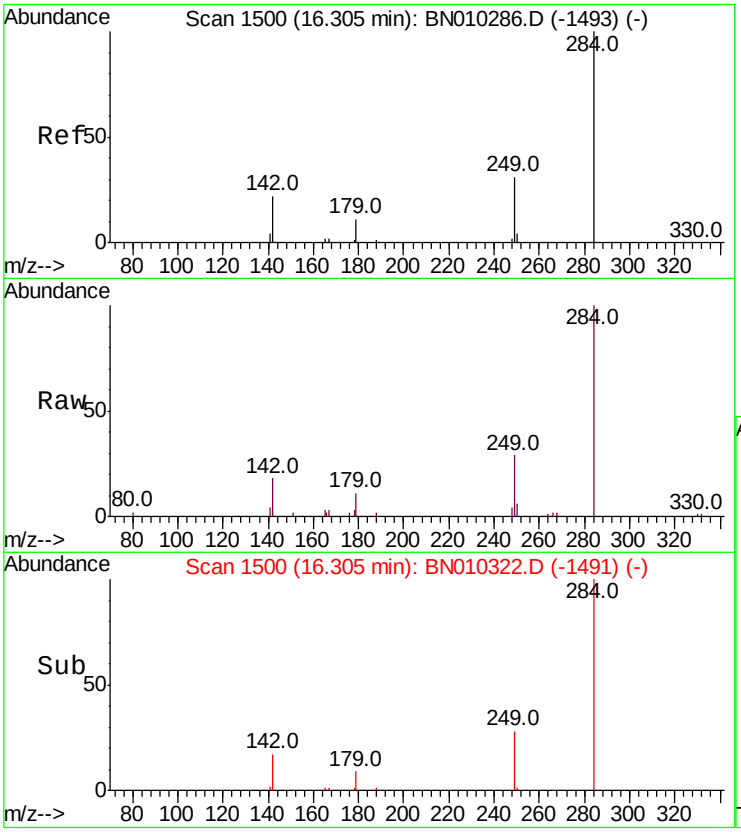


#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.19 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:248 Resp: 4042

Ion	Ratio	Lower	Upper
248	100		
250	98.7	76.8	115.2
141	44.1	44.4	66.6#



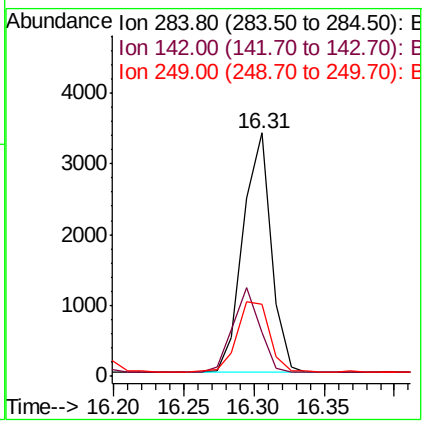


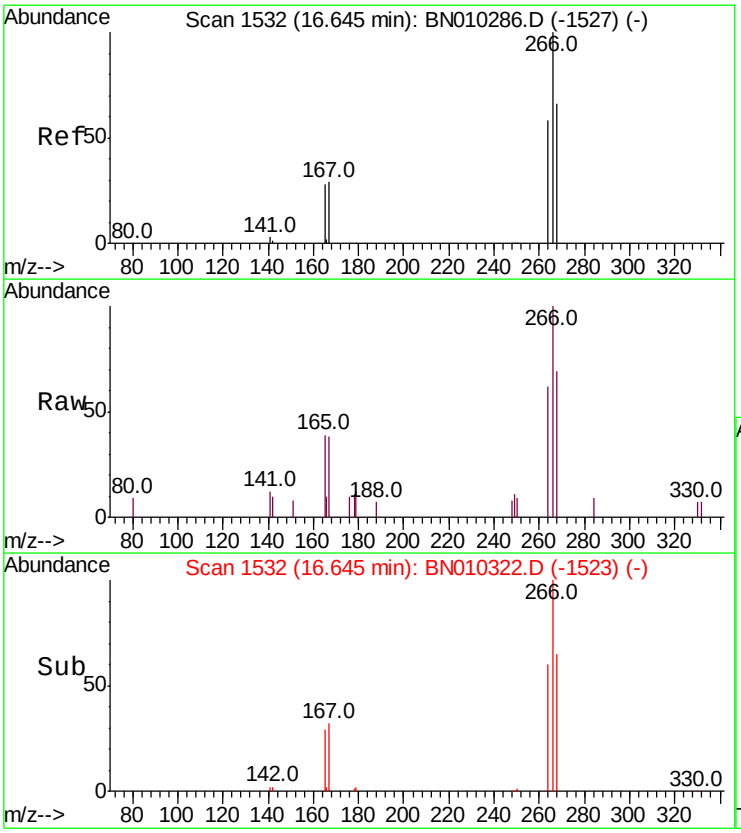
#21
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4722

Ion	Ratio	Lower	Upper
284	100		
142	33.8	27.4	41.2
249	33.2	26.5	39.7

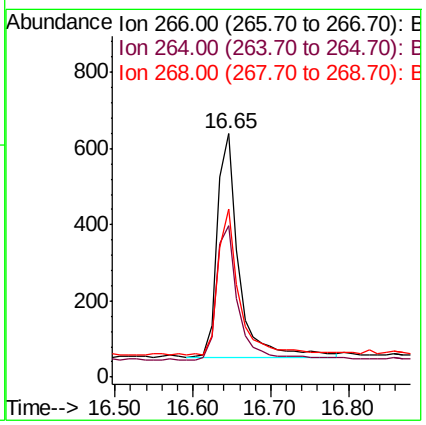


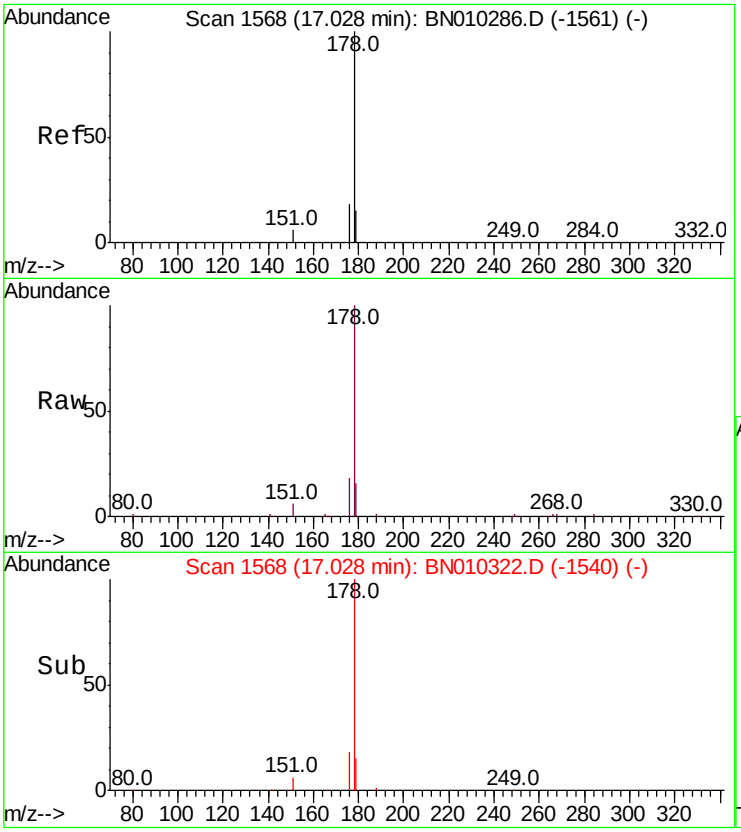


#22
Pentachlorophenol
Concen: 0.299 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:266 Resp: 1119

Ion	Ratio	Lower	Upper
266	100		
264	62.3	47.7	71.5
268	69.0	54.9	82.3



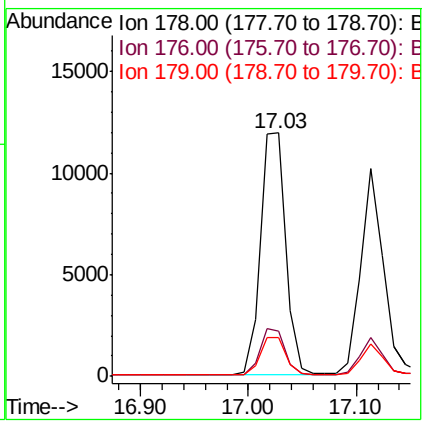


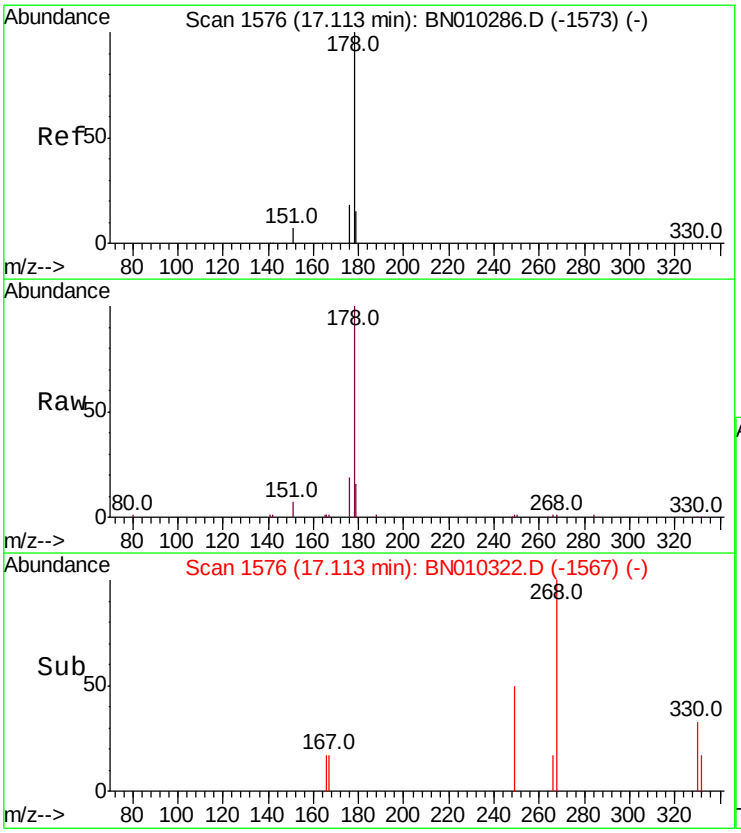
#23
Phenanthrene
Concen: 0.402 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 19403

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.4	18.6

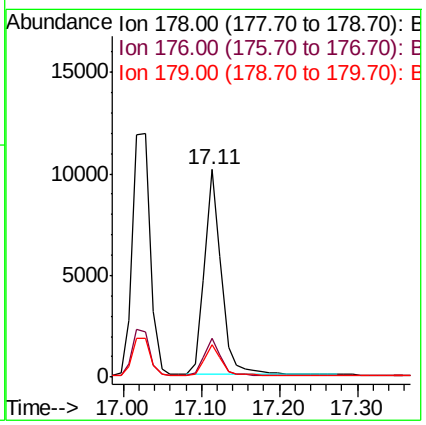


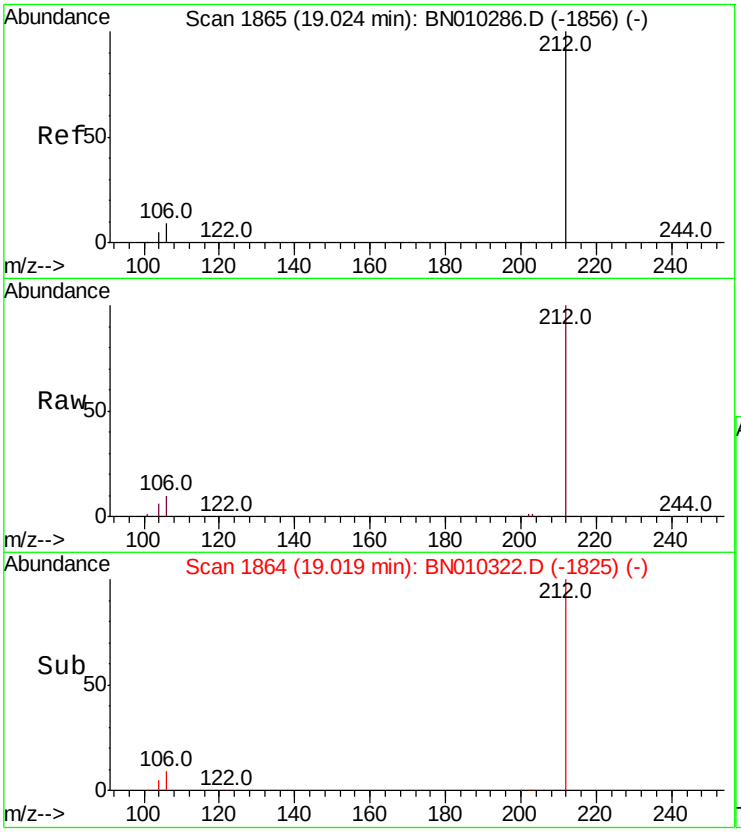


#24
Anthracene
Concen: 0.367 ng
RT: 17.11 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:178 Resp: 15141

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.0	12.3	18.5



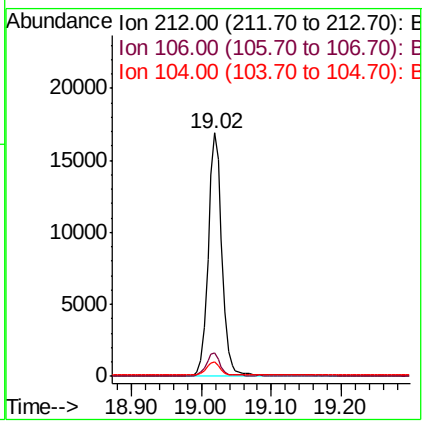


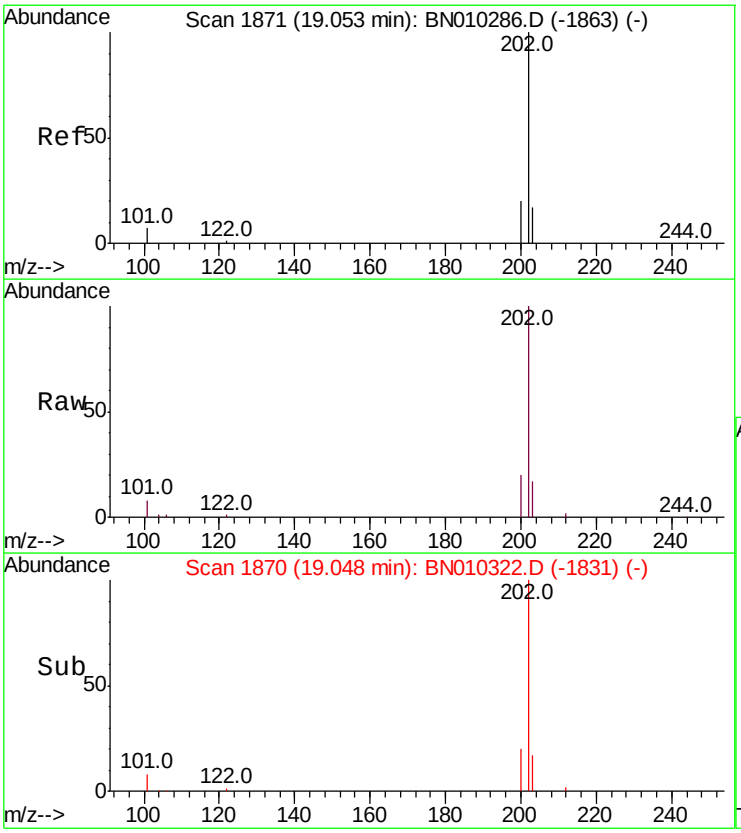
#25
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 23004

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.4	11.2
104	5.4	4.2	6.4

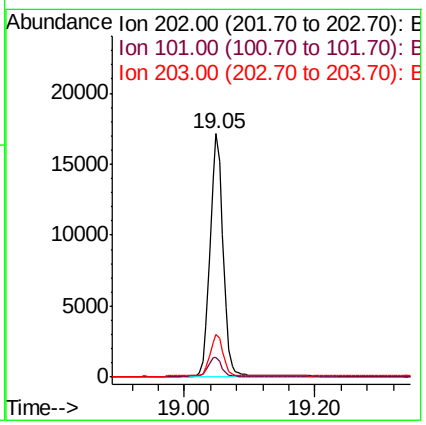


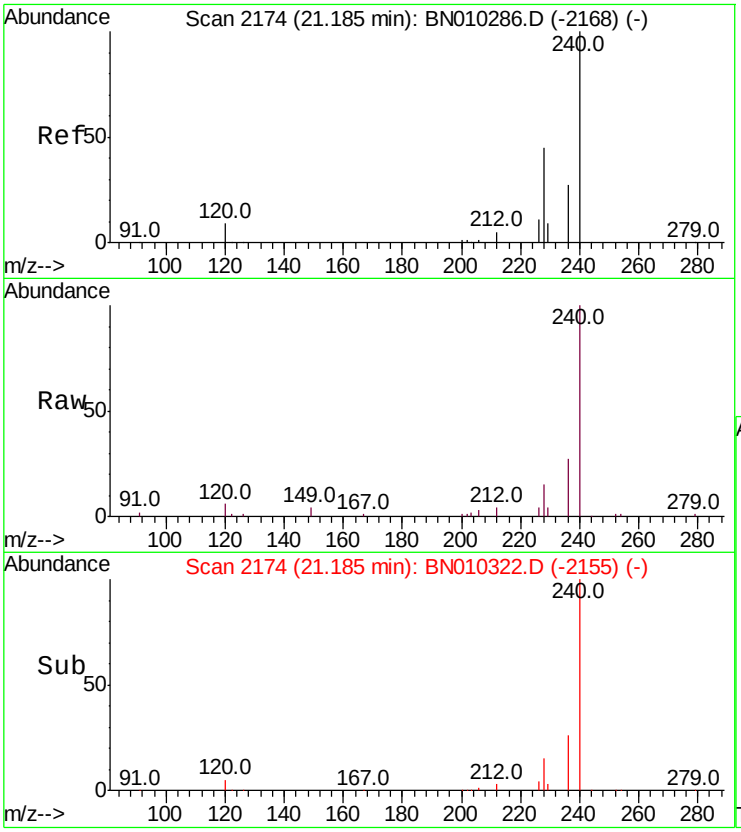


#26
Fluoranthene
Concen: 0.393 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:202 Resp: 23273

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.6	9.8
203	17.1	13.8	20.8



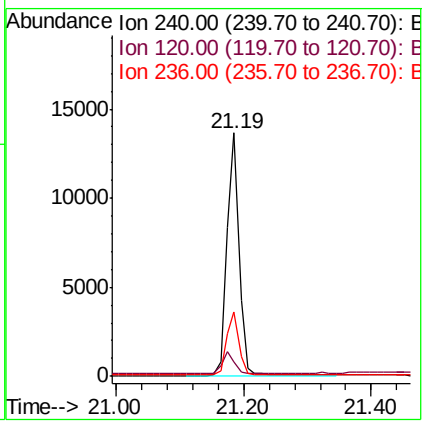


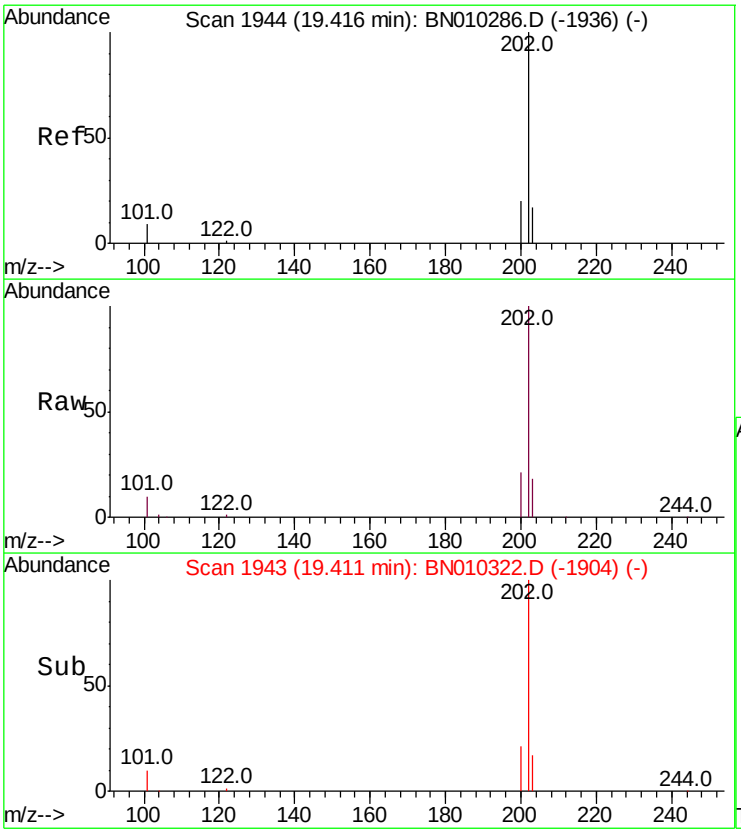
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 17752

Ion	Ratio	Lower	Upper
240	100		
120	6.0	7.9	11.9#
236	26.7	22.2	33.4

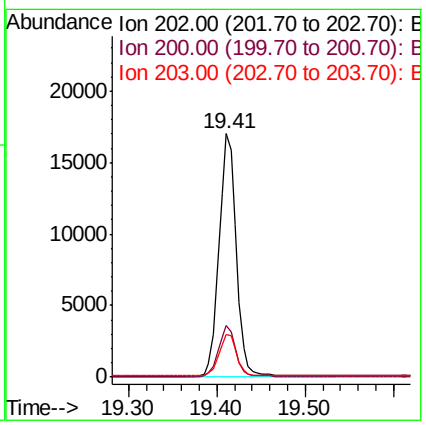


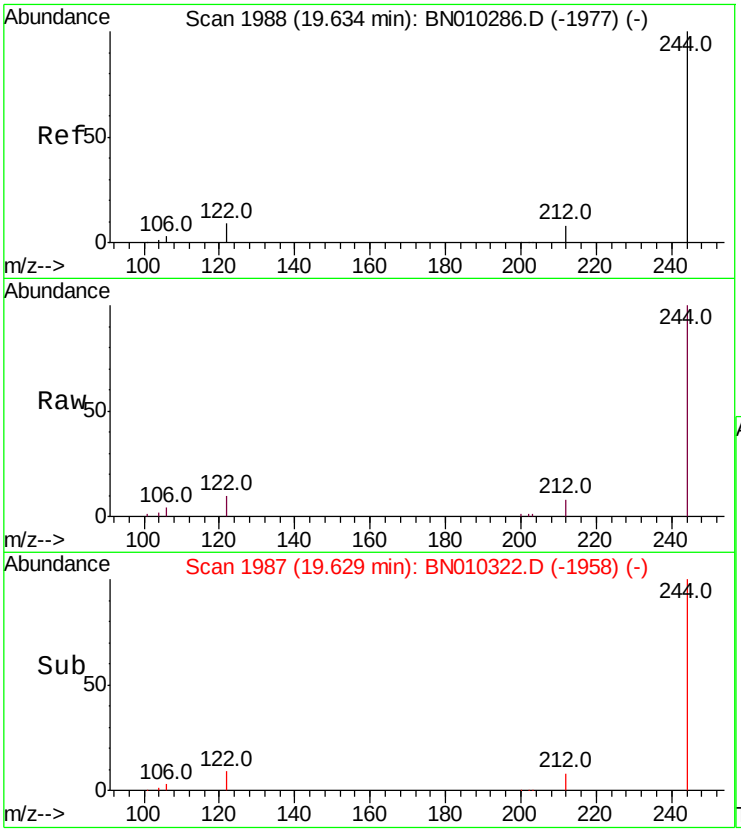


#28
Pyrene
Concen: 0.415 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:202 Resp: 22933

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.6	14.2	21.2



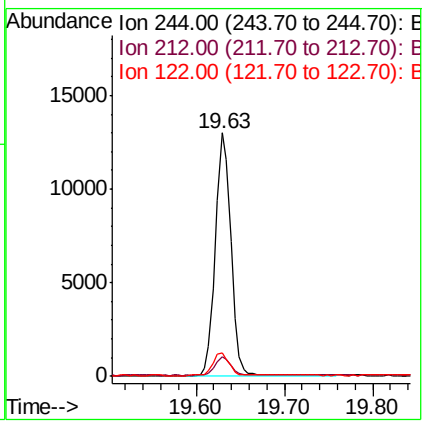


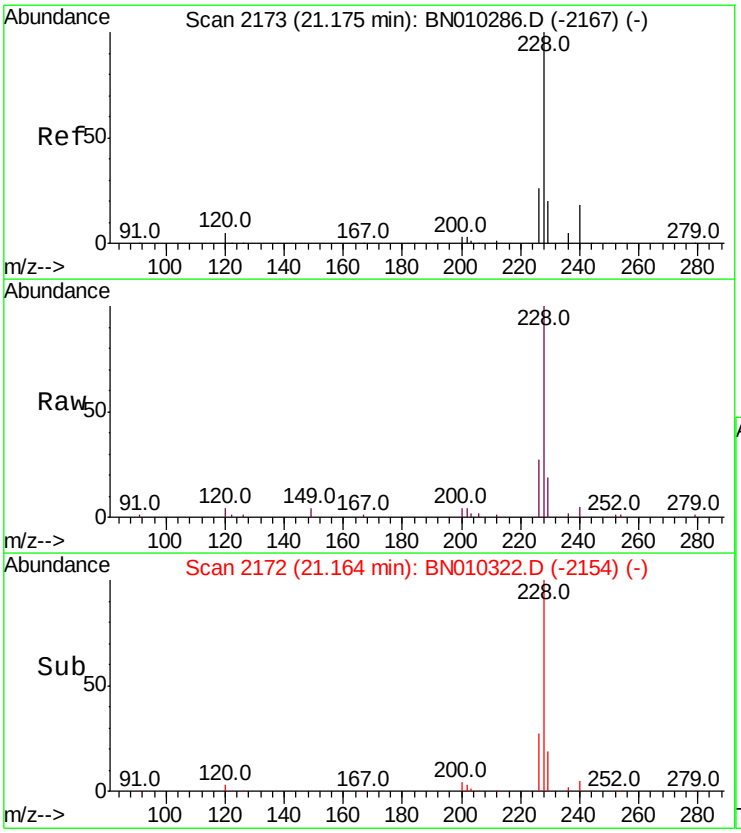
#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.63 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 15730

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.3	9.5
122	9.8	7.6	11.4

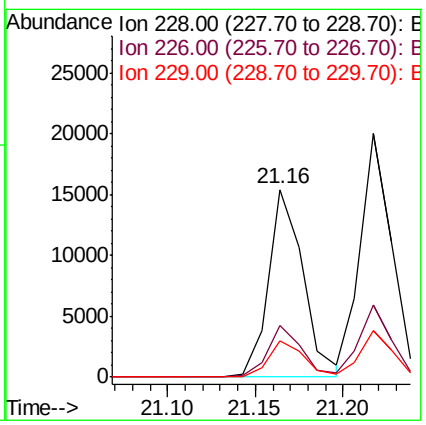


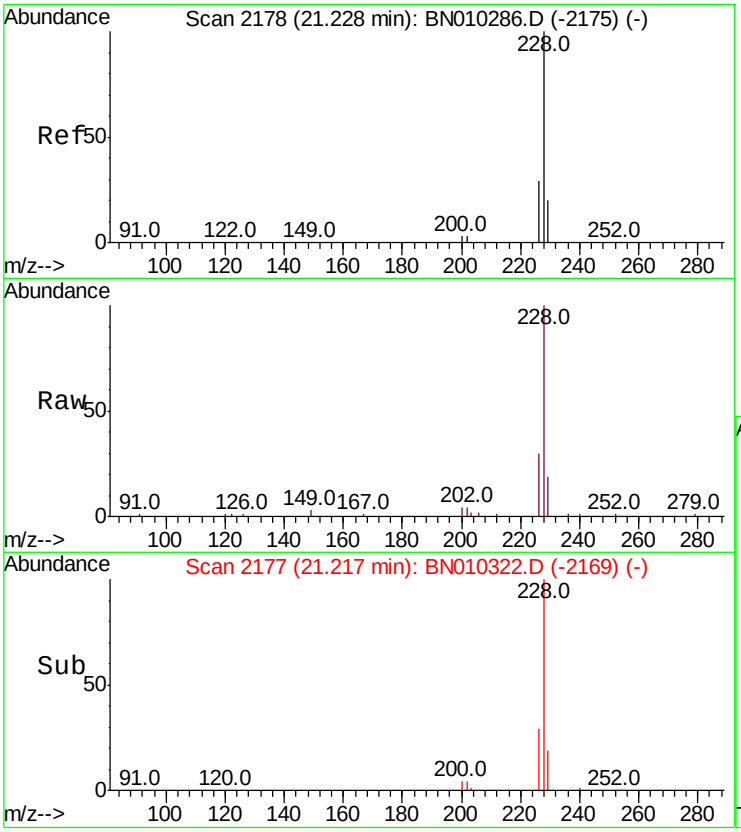


#30
Benzo(a)anthracene
Concen: 0.371 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:228 Resp: 20979

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.0	31.4
229	19.2	16.0	24.0



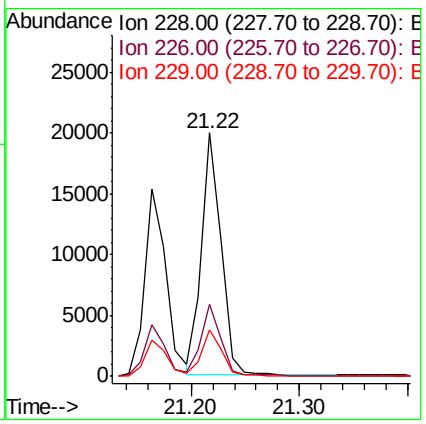


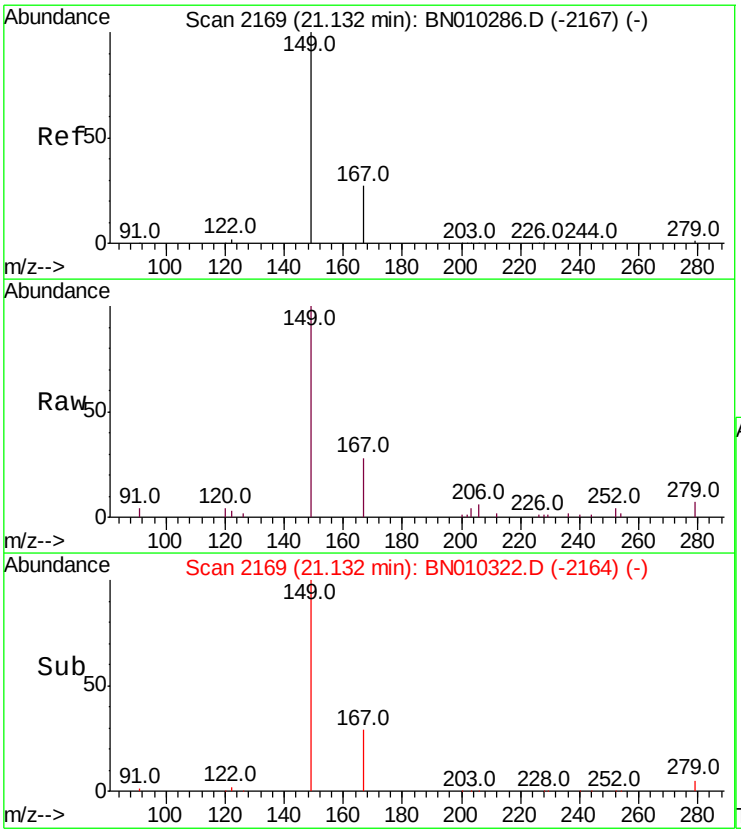
#31
Chrysene
Concen: 0.413 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 25057

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.0	34.6
229	19.3	16.0	24.0

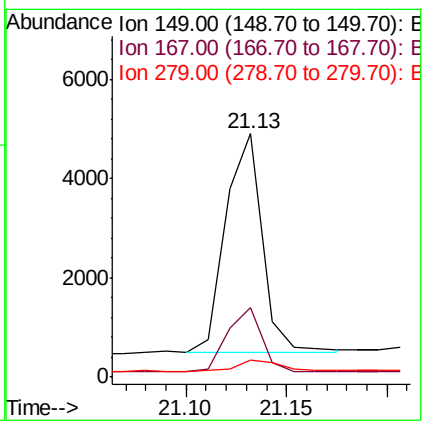


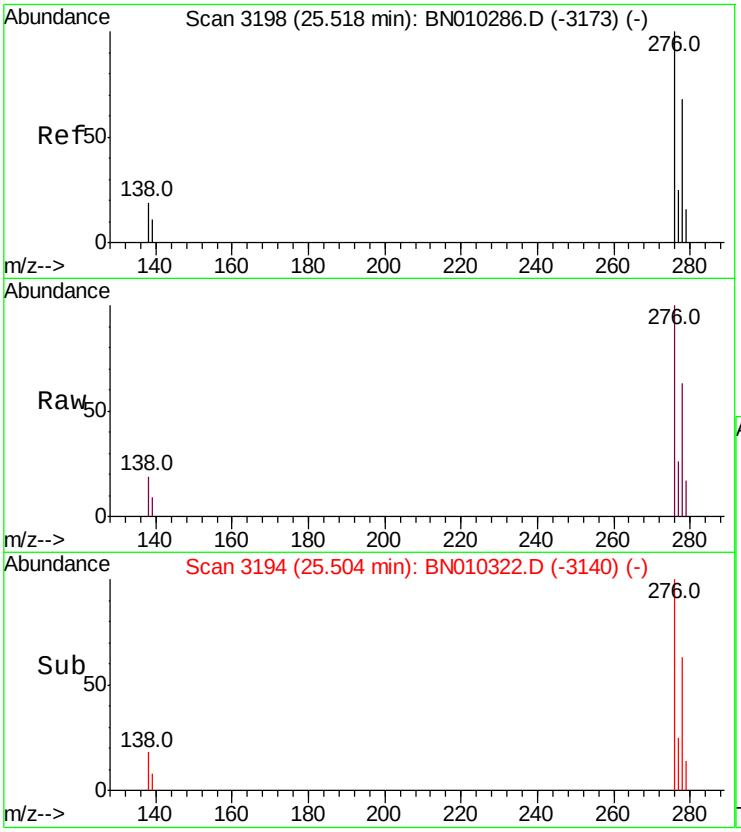


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.297 ng
RT: 21.13 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:149 Resp: 5664

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.6
279	5.2	3.8	5.8



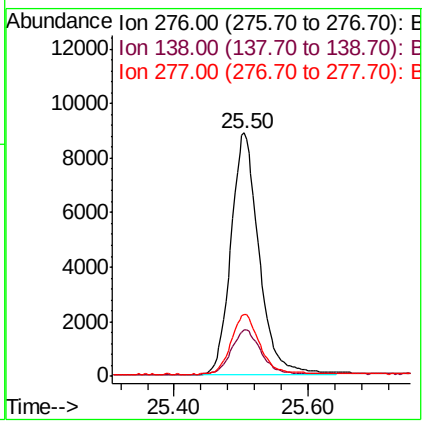


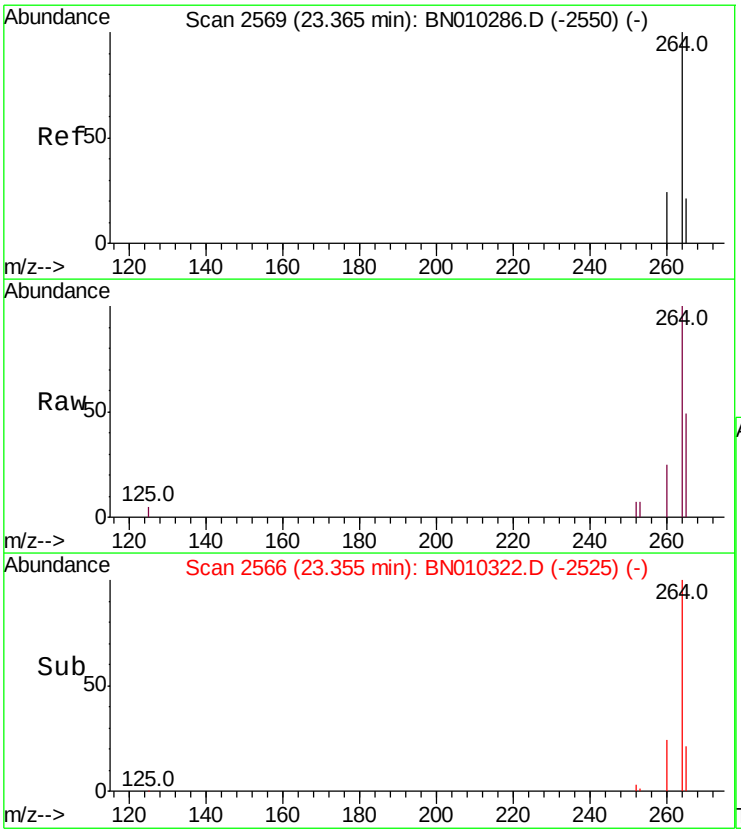
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 26022

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.6	23.4
277	24.9	20.1	30.1

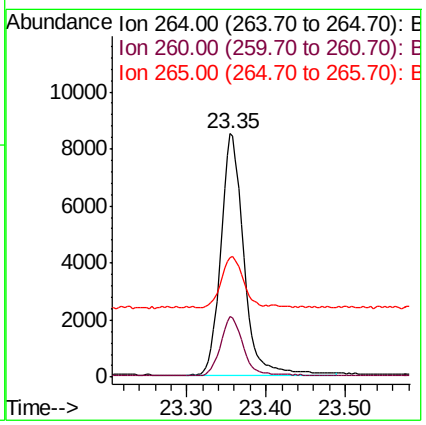


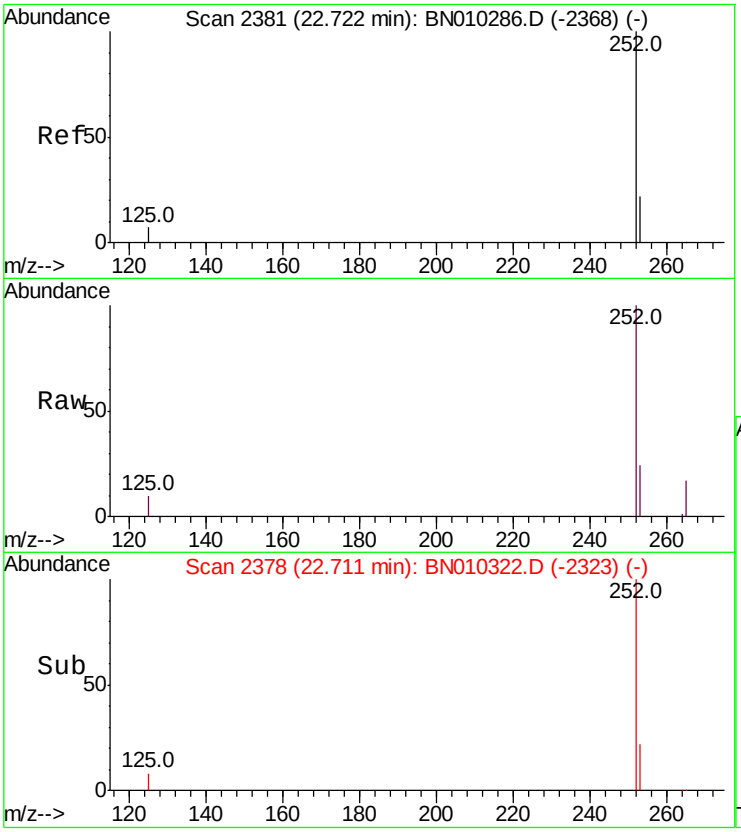


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:264 Resp: 16915

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	48.9	32.4	48.6#



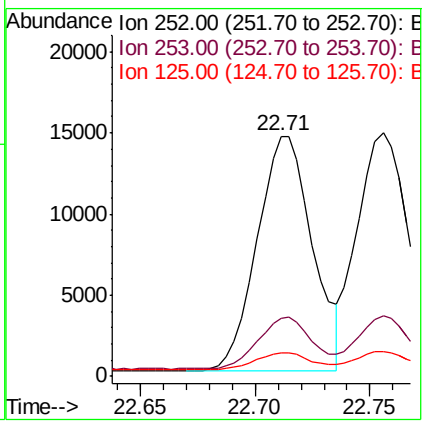


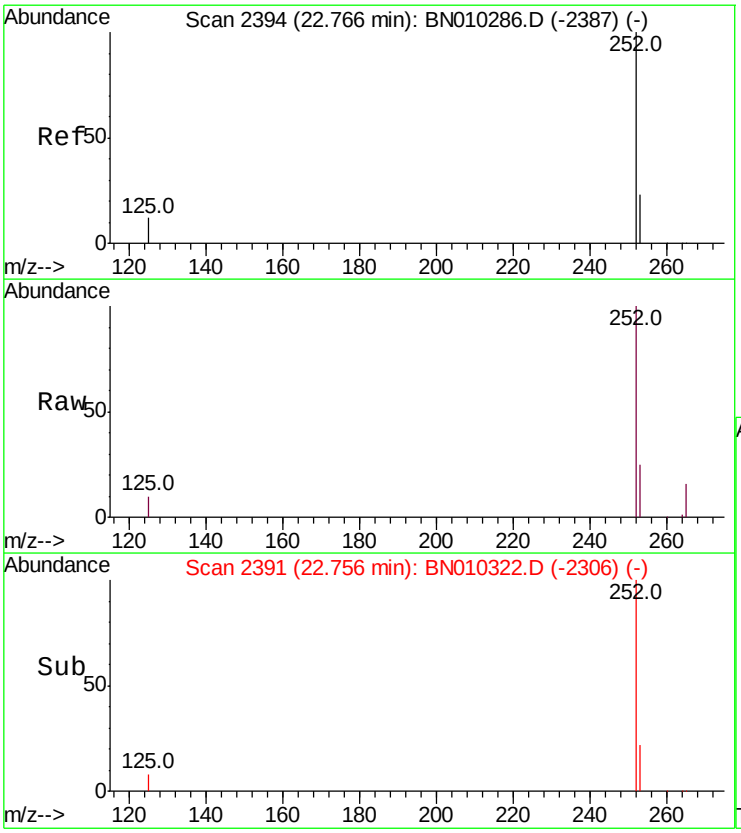
#35
Benzo(b)fluoranthene
Concen: 0.421 ng
RT: 22.71 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 24199

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	10.0	7.4	11.0

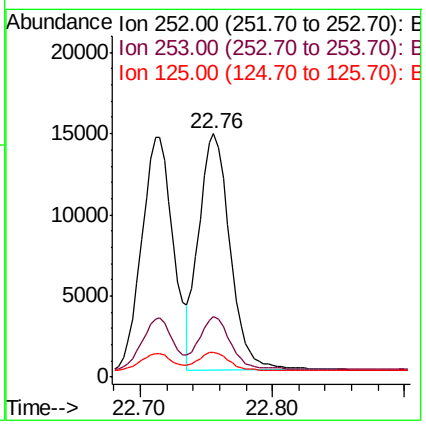


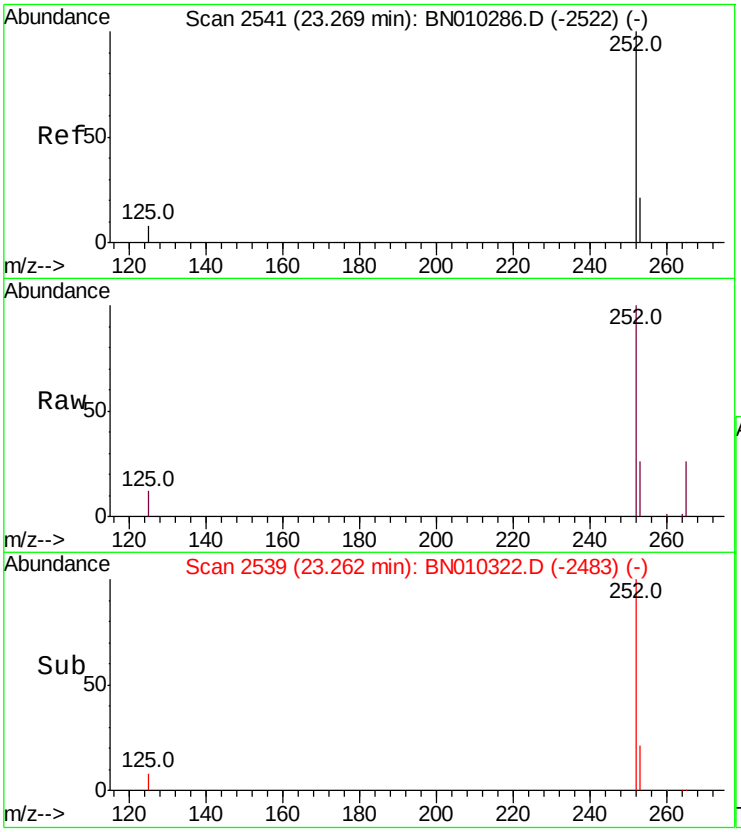


#36
Benzo(k)fluoranthene
Concen: 0.409 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:252 Resp: 23934

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.4	29.0
125	10.3	10.2	15.2



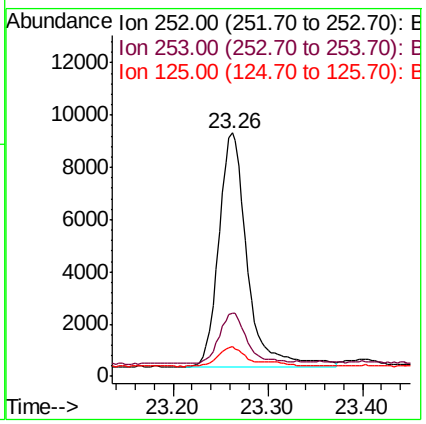


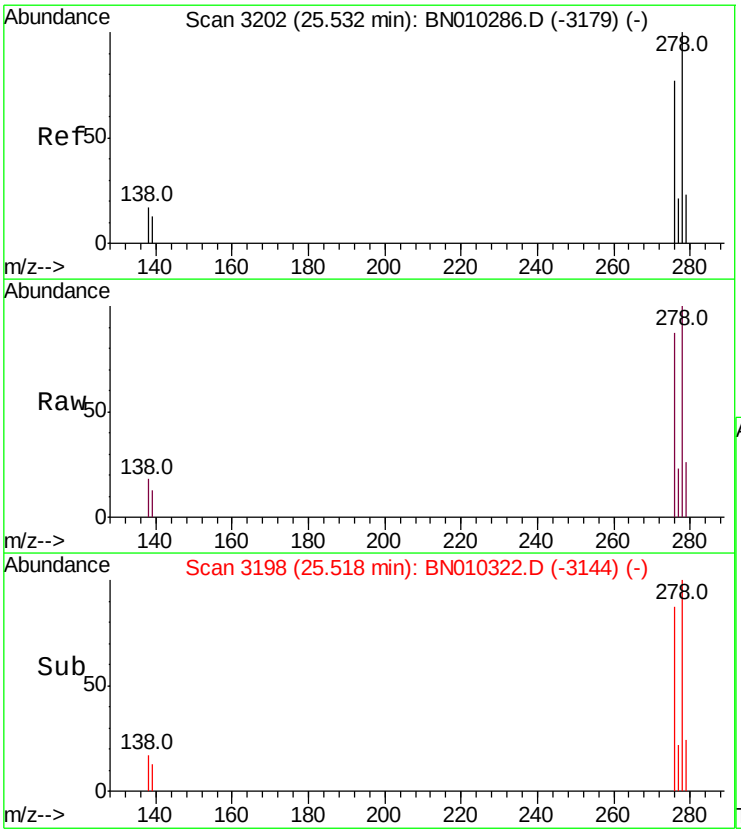
#37
Benzo(a)pyrene
Concen: 0.389 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 18860

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.9	29.9
125	12.2	8.9	13.3

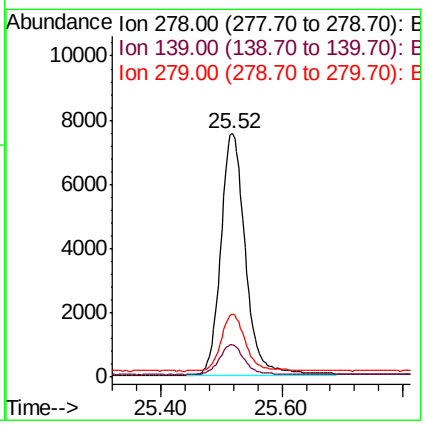


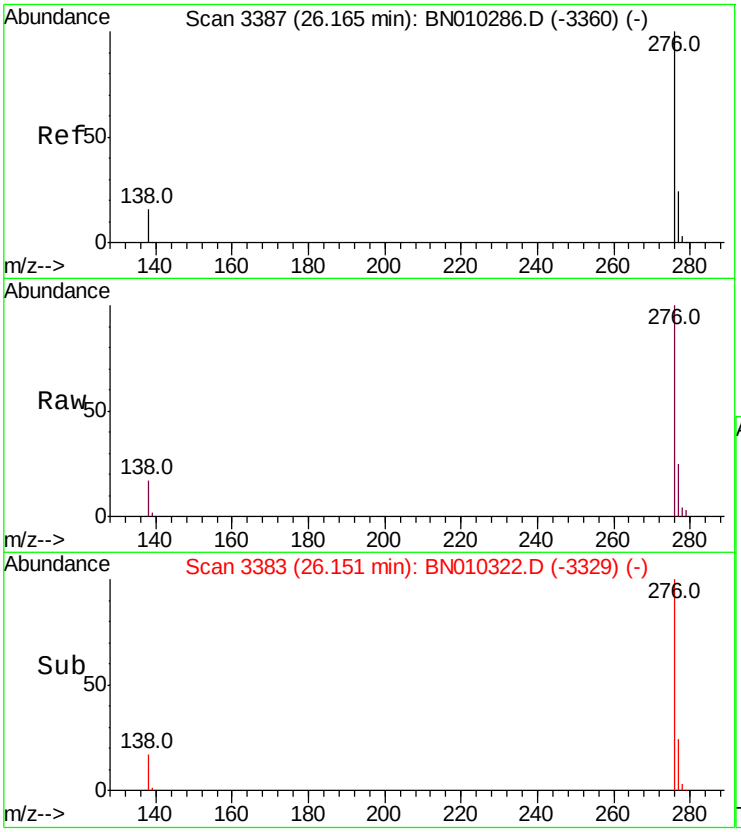


#38
Dibenzo(a,h)anthracene
Concen: 0.408 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Tgt Ion:278 Resp: 21365

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.6	16.0
279	26.0	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.421 ng
RT: 26.15 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN010322.D
Acq: 24 Mar 2020 11:34

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 22206

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	17.5	13.3	19.9