Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010495.D
Acq On : 15 Apr 2020 01:42
Operator : CG/JU
Sample : L2178-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Apr 15 03:01:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3618	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	14997	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	10115	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	24123	0.40	ng		0.00
27) Chrysene-d12	21.17	240	26154	0.40	ng		-0.01
34) Perylene-d12	23.34	264	23730	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	1787	0.23	ng		0.00
5) Phenol-d6	6.79	99	1428	0.14	ng		0.00
8) Nitrobenzene-d5	8.73	82	8214	0.78	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	16059	0.65	ng		0.00
14) 2,4,6-Tribromophenol	15.72	330	2488	0.52	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	29819	0.81	ng		0.00
25) Fluoranthene-d10	19.01	212	30776	0.42	ng		0.00
29) Terphenyl-d14	19.62	244	44030	0.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	435	0.163	ng	#	59
3) n-Nitrosodimethylamine	3.55	42	353	0.204	ng	#	93
6) bis(2-Chloroethyl)ether	7.04	93	5004	0.558	ng		99
9) Naphthalene	10.41	128	22305	0.599	ng		99
10) Hexachlorobutadiene	10.71	225	4224	0.471	ng	#	99
12) 2-Methylnaphthalene	12.03	142	15167	0.567	ng		99
16) Acenaphthylene	13.93	152	23502	0.538	ng		100
17) Acenaphthene	14.29	154	17196	0.612	ng		95
18) Fluorene	15.28	166	22128	0.602	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	6833	0.510	ng		98
21) Hexachlorobenzene	16.29	284	7726	0.505	ng		99
22) Pentachlorophenol	16.63	266	10200	1.695	ng		97
23) Phenanthrene	17.02	178	37640	0.578	ng		100
24) Anthracene	17.10	178	53401	0.897	ng		98
26) Fluoranthene	19.04	202	164088	2.024	ng		100
28) Pyrene	19.40	202	123876	1.407	ng		100
30) Benzo(a)anthracene	21.15	228	51281	0.601	ng		99
31) Chrysene	21.21	228	49638	0.584	ng		99
32) Bis(2-ethylhexyl)phthalate	21.11	149	25299	0.578	ng		99
33) Indeno(1,2,3-cd)pyrene	25.49	276	40509	0.539	ng		99
35) Benzo(b)fluoranthene	22.70	252	43933	0.562	ng		99
36) Benzo(k)fluoranthene	22.74	252	44290	0.566	ng		100
37) Benzo(a)pyrene	23.25	252	39310	0.568	ng		96
38) Dibenzo(a,h)anthracene	25.50	278	33890	0.536	ng		97
39) Benzo(g,h,i)perylene	26.13	276	34130	0.536	ng		99

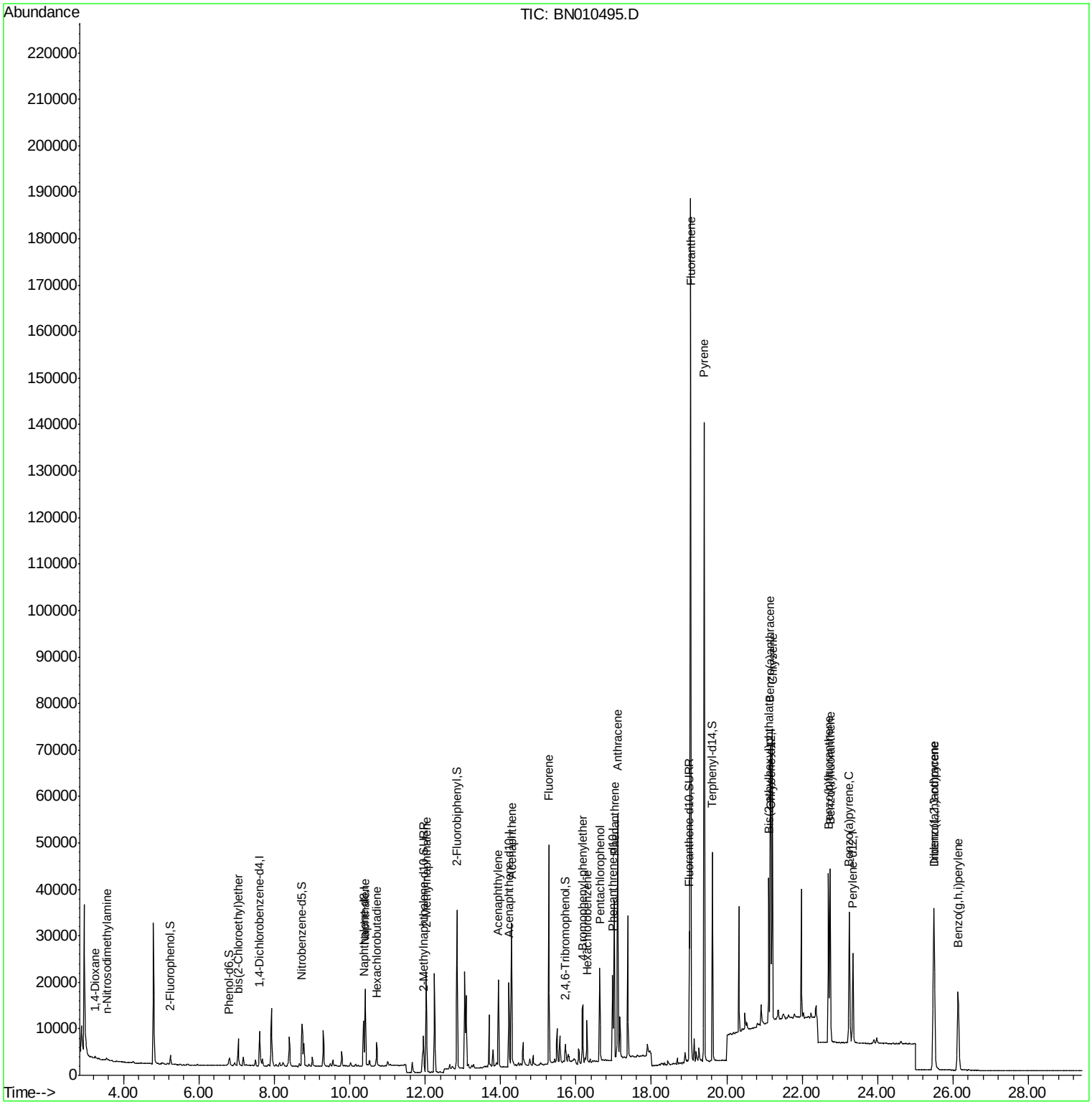
(#) = qualifier out of range (m) = manual integration (+) = signals summed

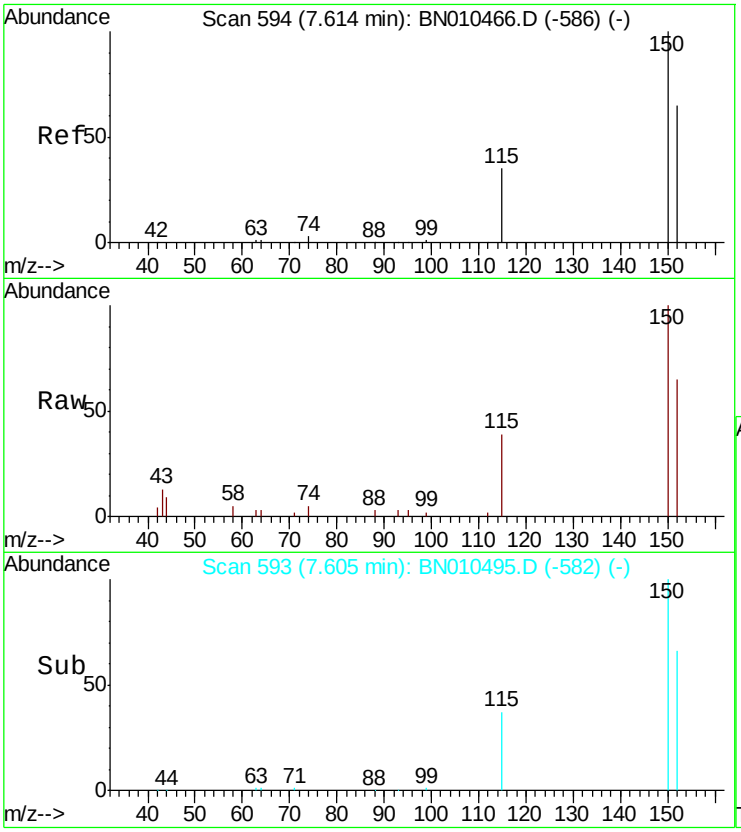
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041420\
Data File : BN010495.D
Acq On : 15 Apr 2020 01:42
Operator : CG/JU
Sample : L2178-03MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 15 03:01:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



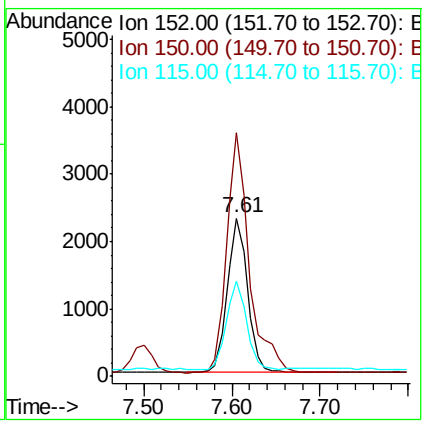


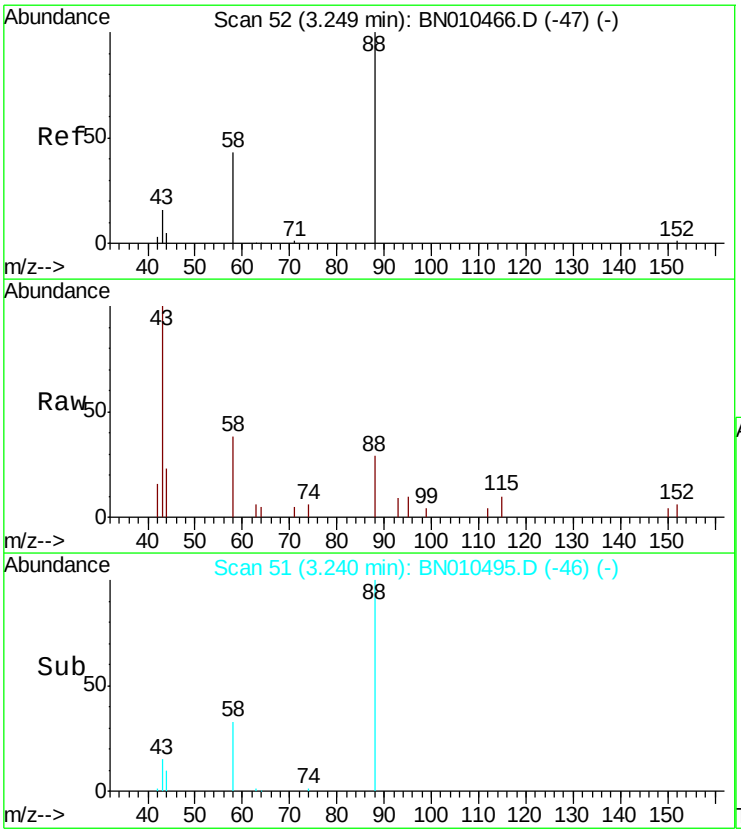
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3618

Ion	Ratio	Lower	Upper
152	100		
150	154.2	121.8	182.6
115	60.1	45.5	68.3

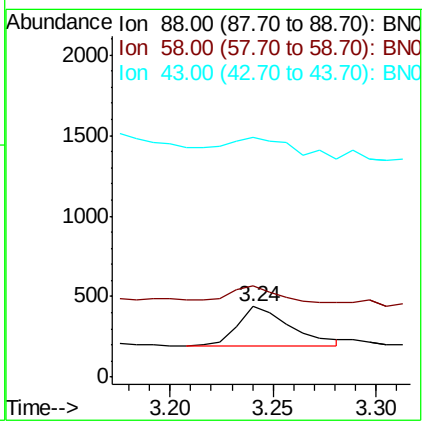


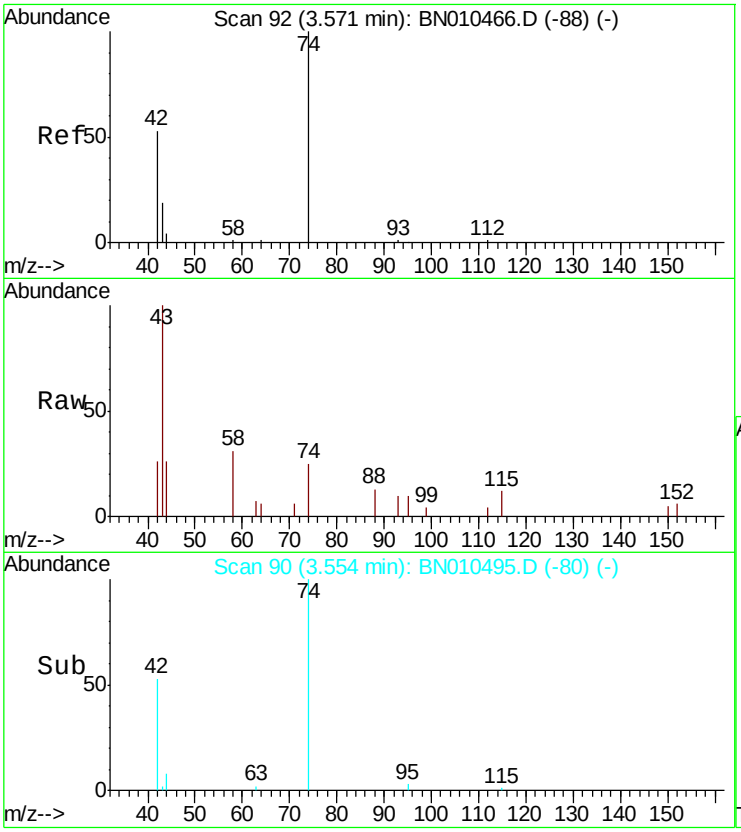


#2
1,4-Dioxane
Concen: 0.163 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion: 88 Resp: 435

Ion	Ratio	Lower	Upper
88	100		
58	36.6	36.5	54.7
43	66.0	13.2	19.8#



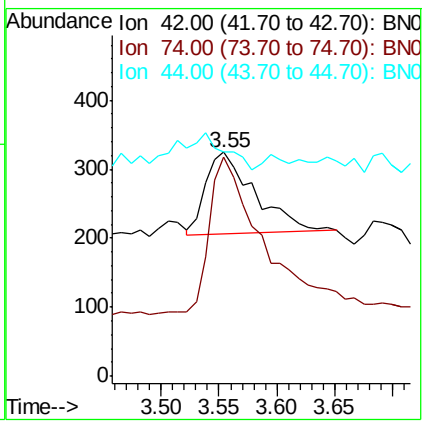


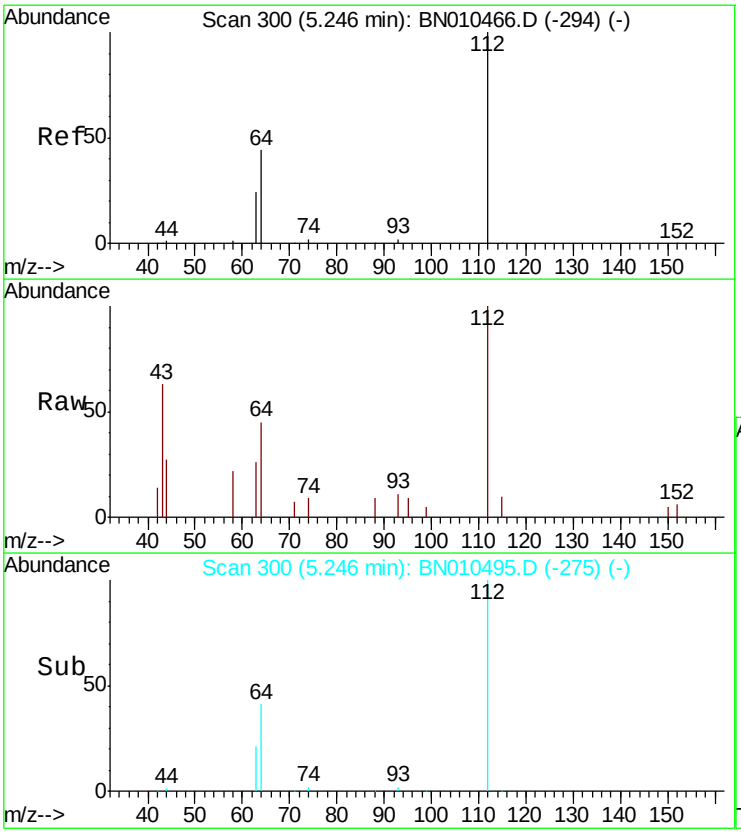
#3
n-Nitrosodimethylamine
Concen: 0.204 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 353

Ion	Ratio	Lower	Upper
42	100		
74	211.0	162.2	243.4
44	41.6	2.4	3.6#

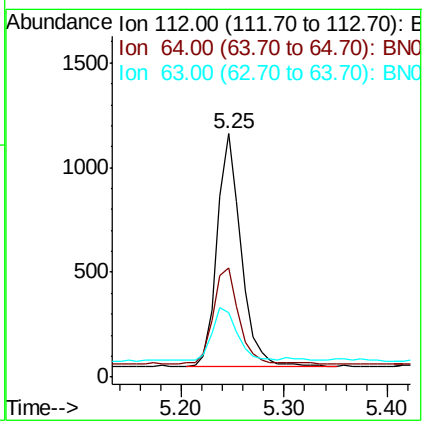


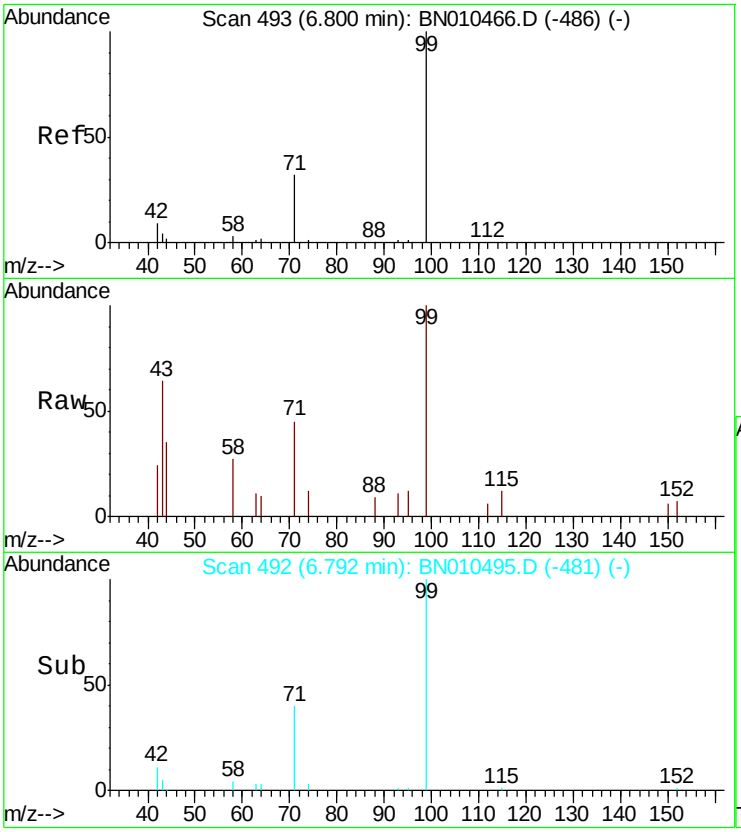


#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:112 Resp: 1787

Ion	Ratio	Lower	Upper
112	100		
64	43.9	35.8	53.8
63	23.8	19.9	29.9



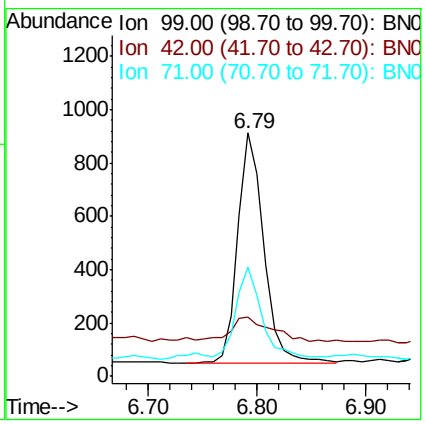


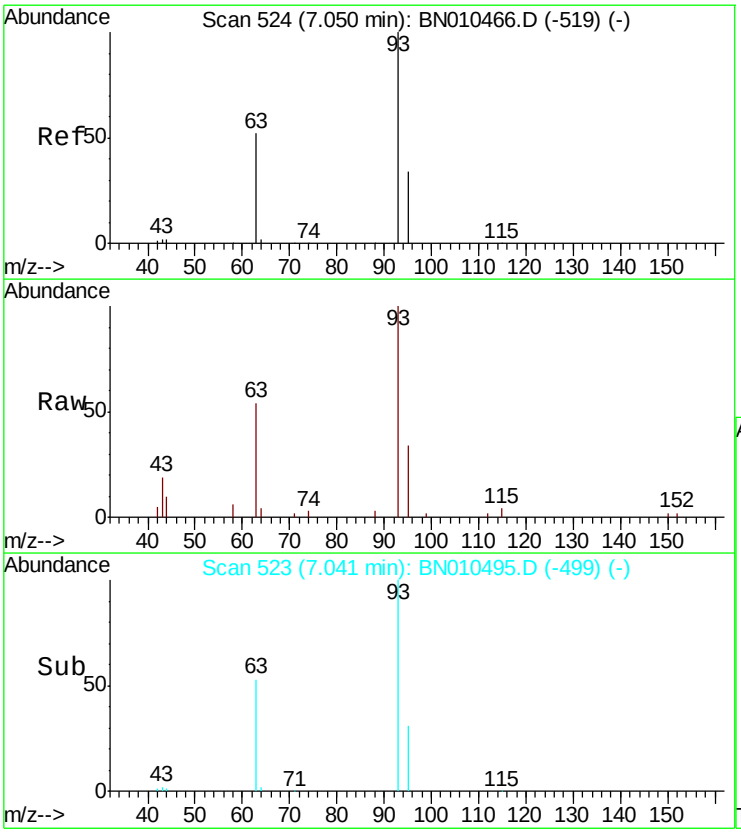
#5
Phenol-d6
Concen: 0.138 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 1428

Ion	Ratio	Lower	Upper
99	100		
42	17.1	9.8	14.6#
71	39.7	27.8	41.8

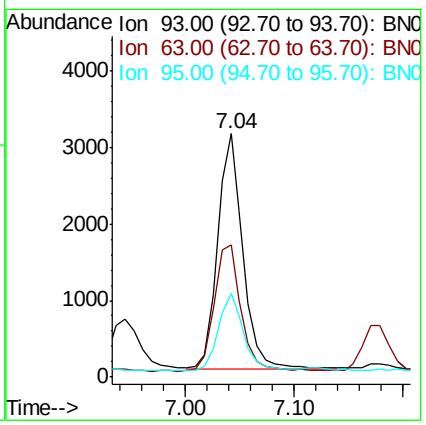


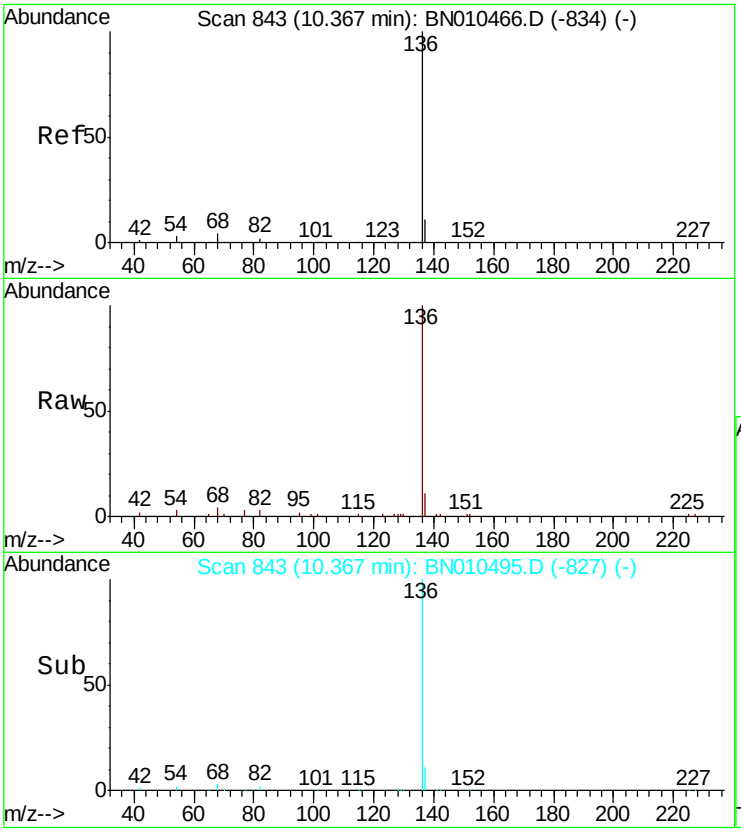


#6
bis(2-Chloroethyl)ether
Concen: 0.558 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion: 93 Resp: 5004

Ion	Ratio	Lower	Upper
93	100		
63	56.4	44.6	66.8
95	32.0	26.5	39.7



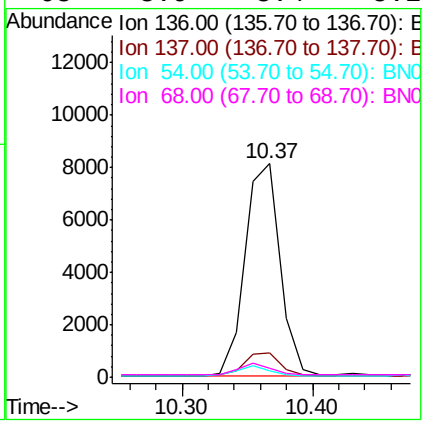


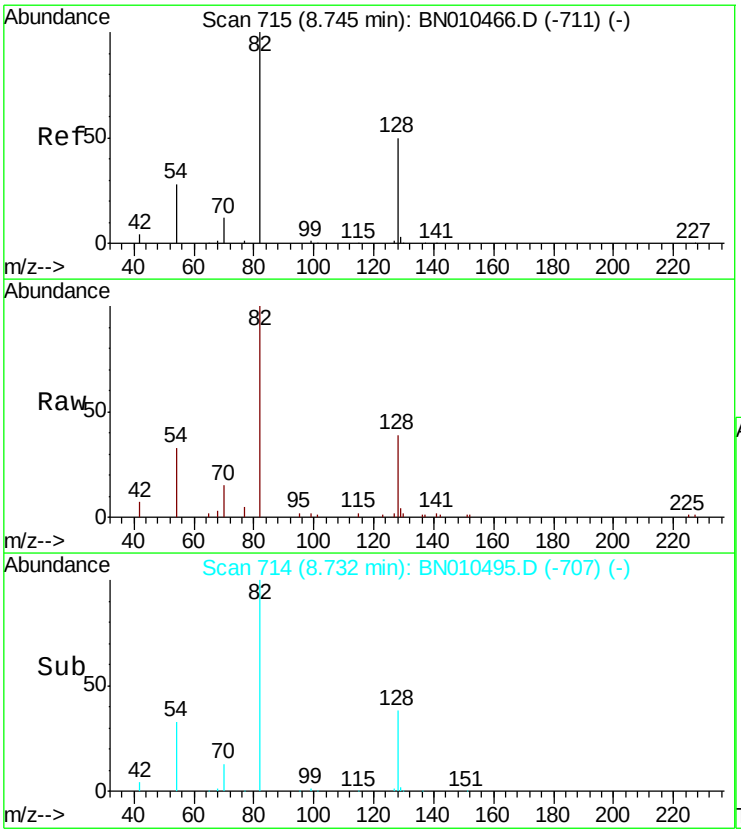
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 14997

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	3.0	2.6	4.0
68	3.9	3.4	5.2

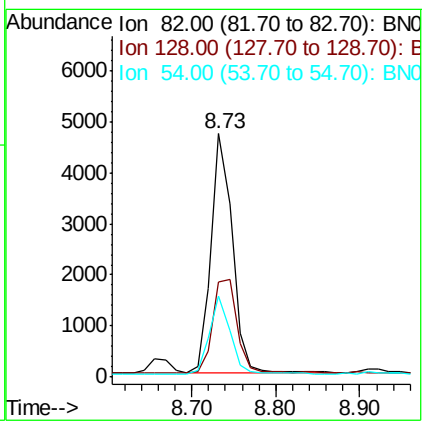


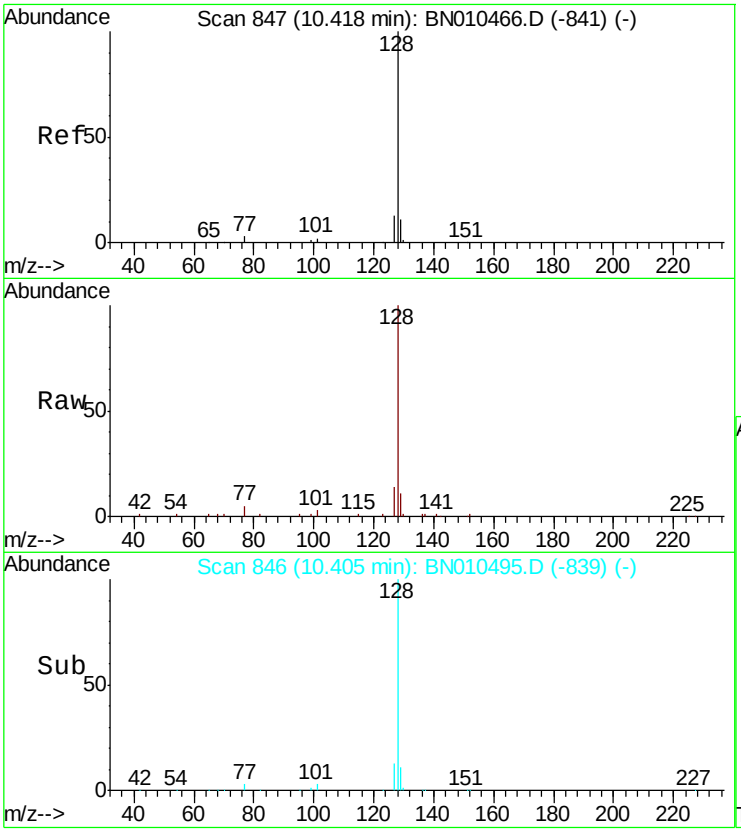


#8
Nitrobenzene-d5
Concen: 0.783 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion: 82 Resp: 8214

Ion	Ratio	Lower	Upper
82	100		
128	39.0	41.3	61.9#
54	33.4	23.4	35.0



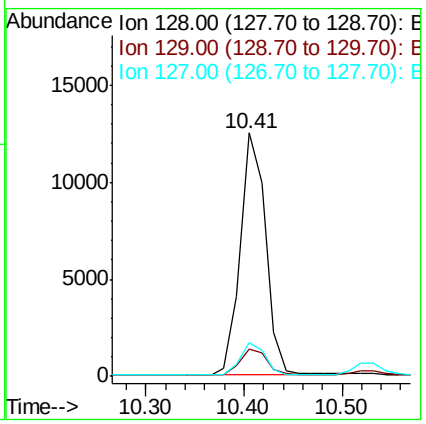


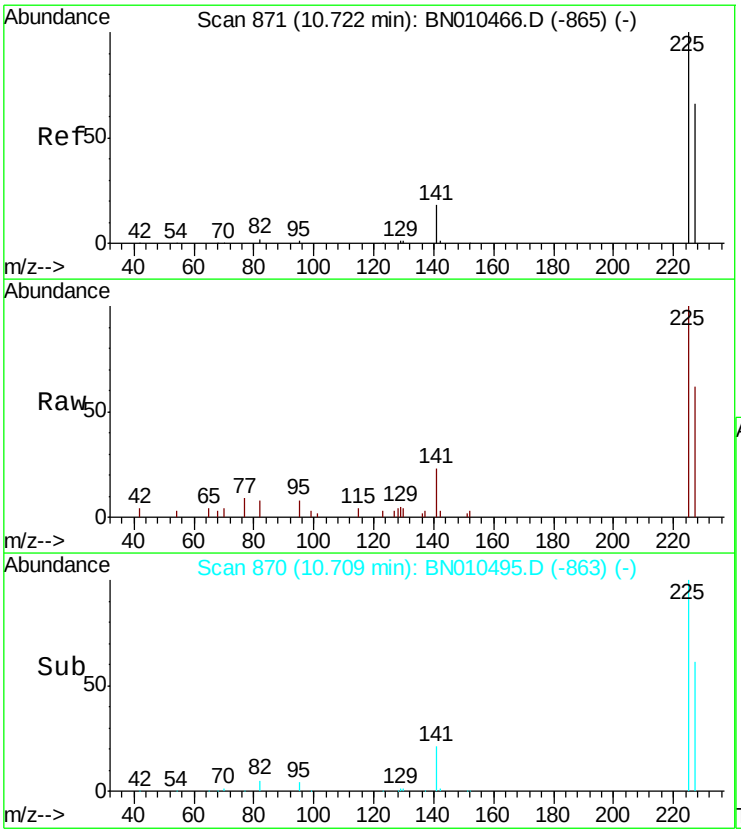
#9
Naphthalene
Concen: 0.599 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 22305

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

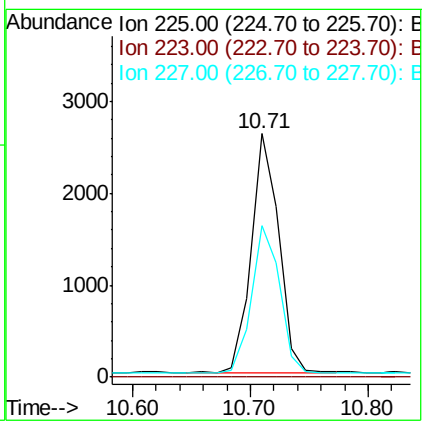


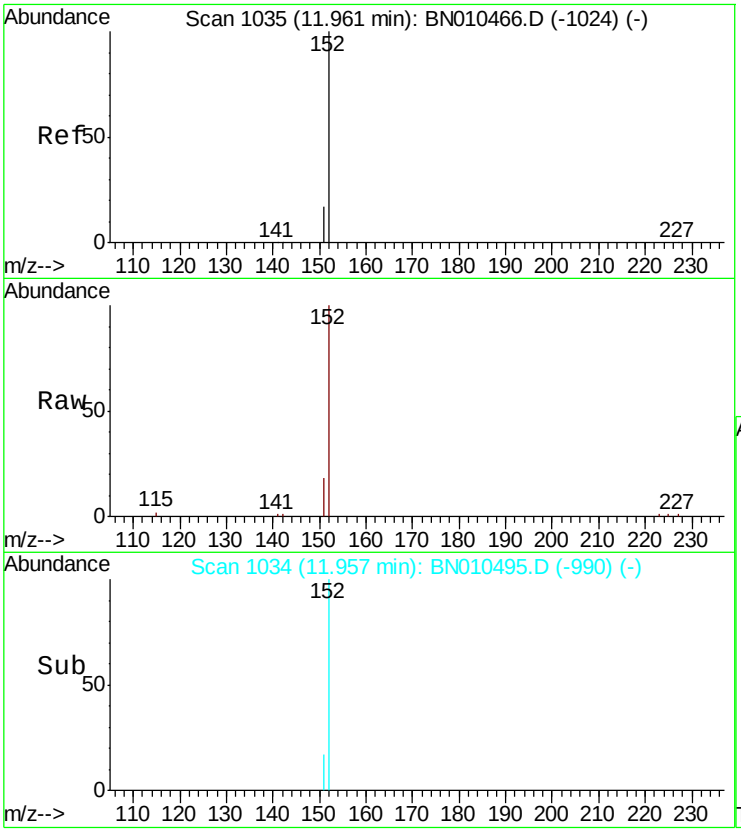


#10
Hexachlorobutadiene
Concen: 0.471 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:225 Resp: 4224

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	50.6	76.0



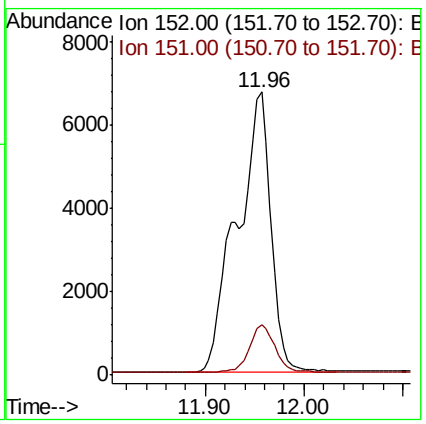


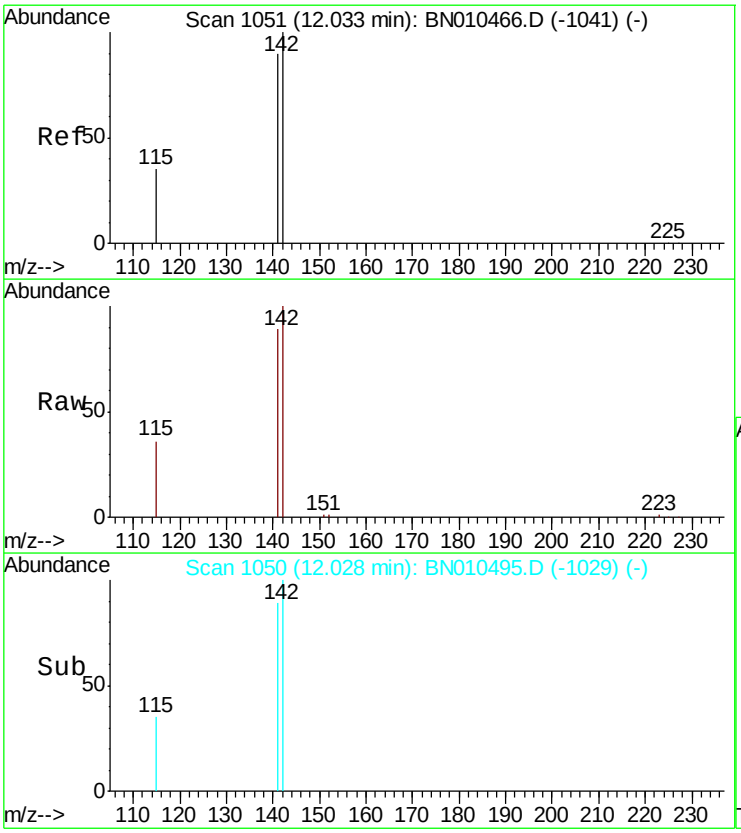
#11
2-Methylnaphthalene-d10
Concen: 0.651 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16059

Ion	Ratio	Lower	Upper
152	100		
151	13.3	15.3	22.9#

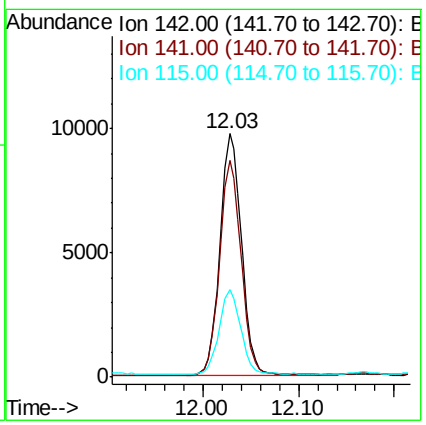


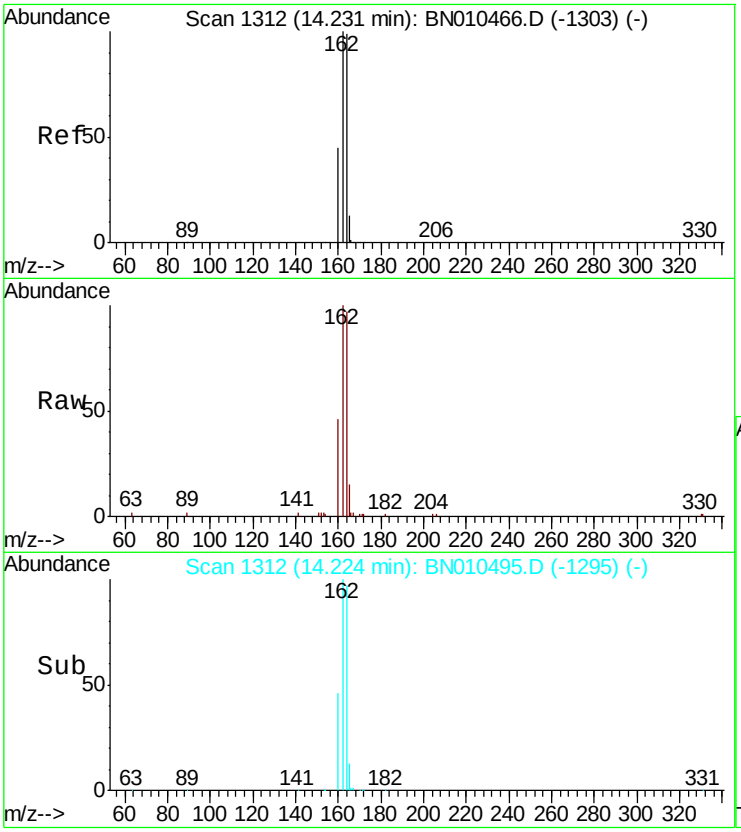


#12
2-Methylnaphthalene
Concen: 0.567 ng
RT: 12.03 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:142 Resp: 15167

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	35.8	28.8	43.2



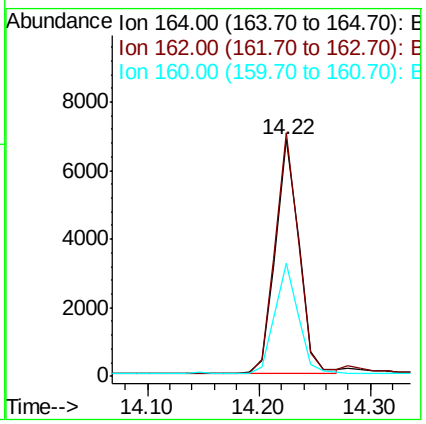


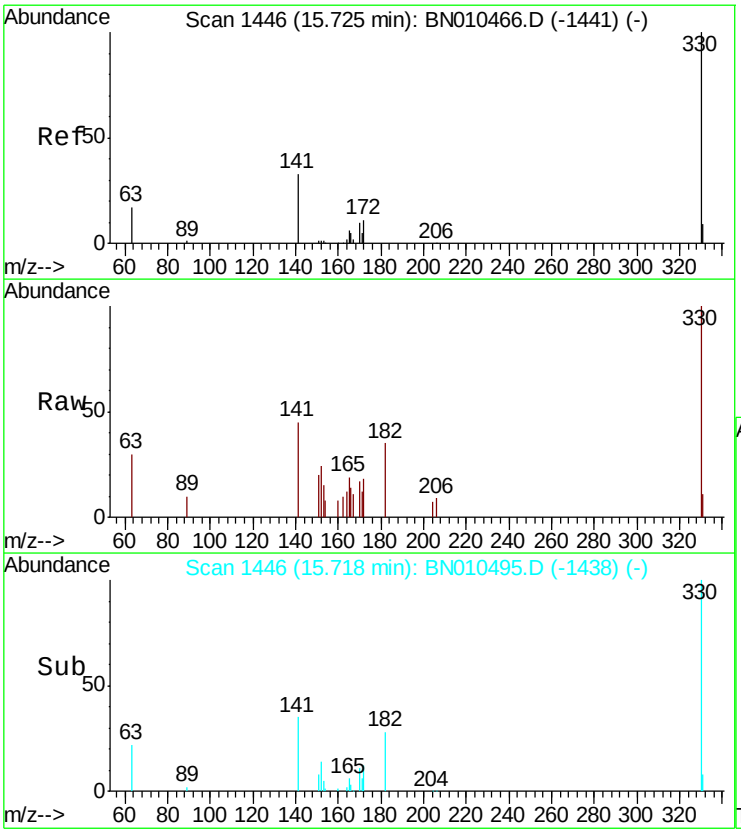
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10115

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	121.0
160	47.7	36.5	54.7

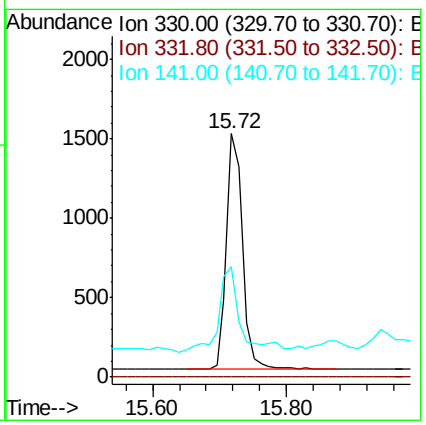


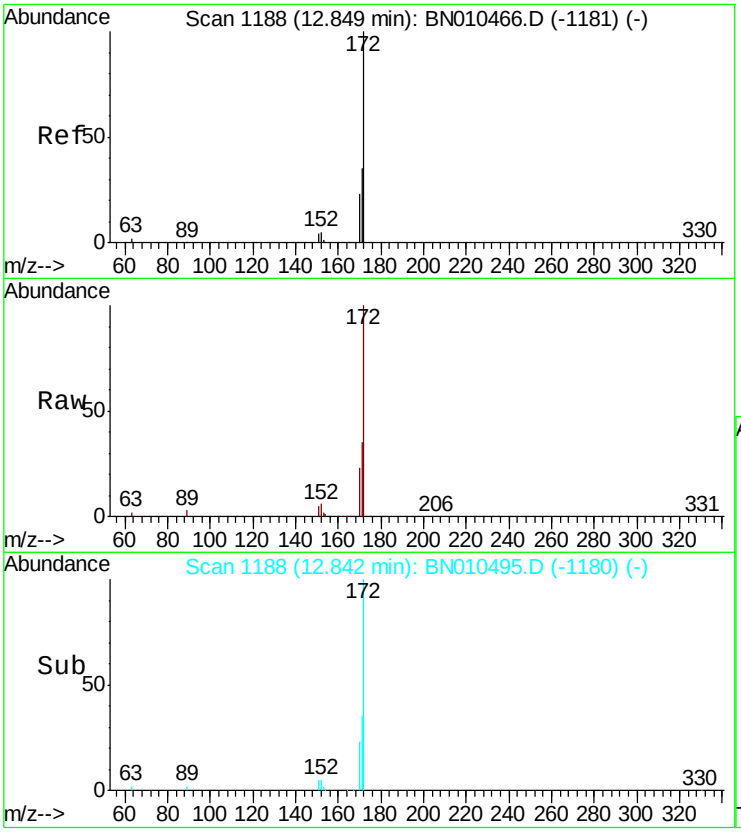


#14
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 15.72 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:330 Resp: 2488

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.9	28.1	42.1#



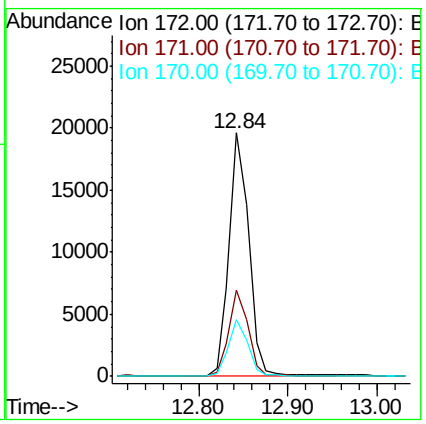


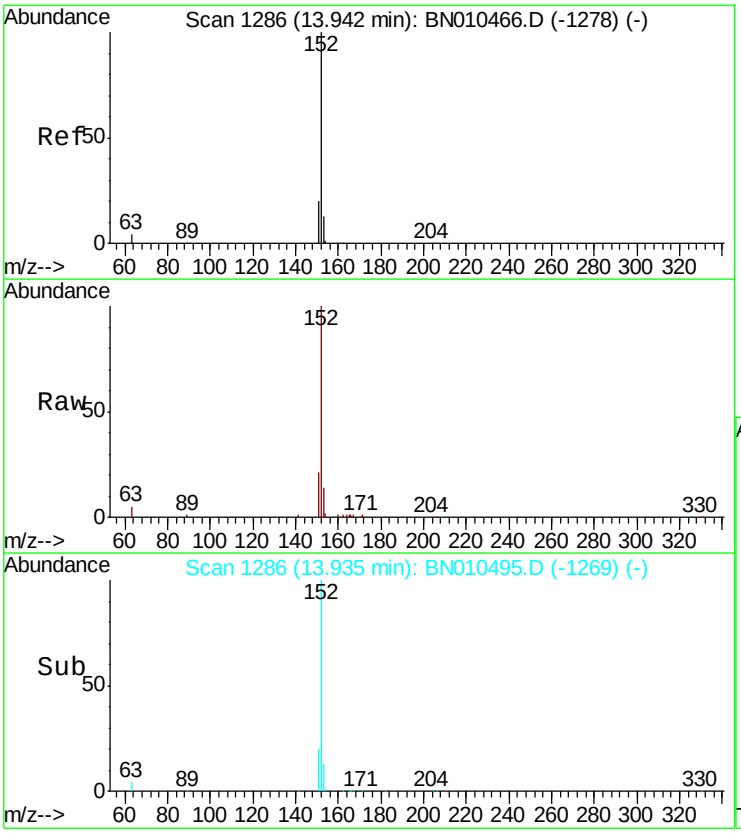
#15
2-Fluorobiphenyl
Concen: 0.810 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 29819

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.4	18.4	27.6

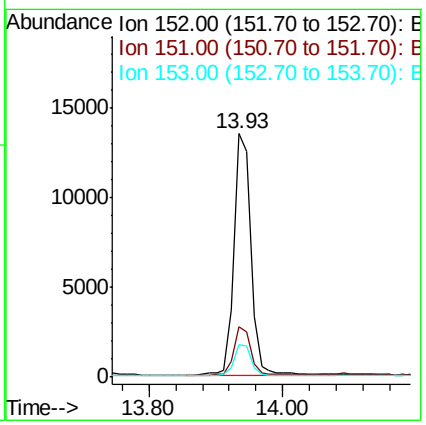


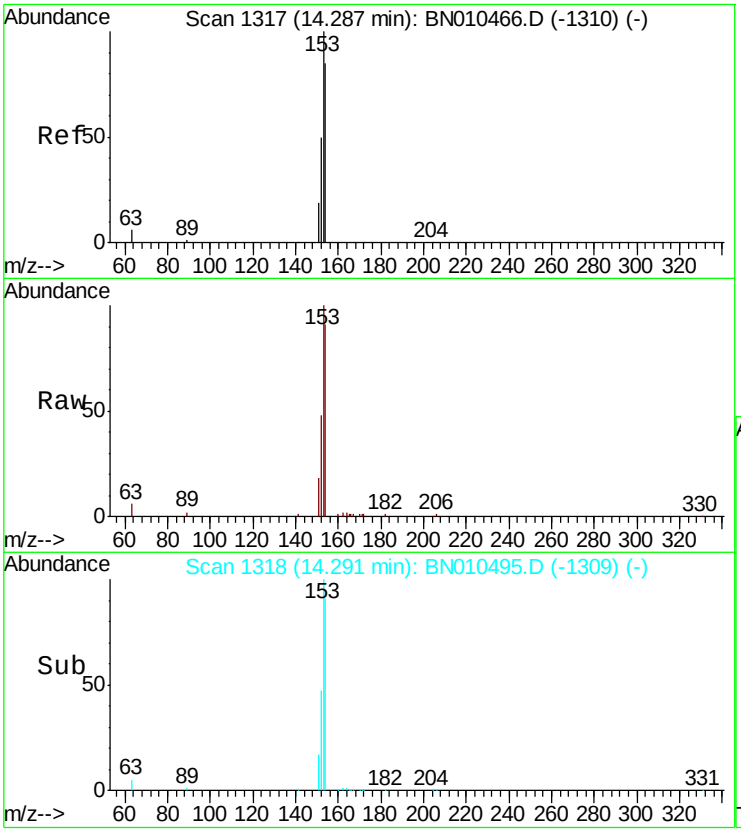


#16
Acenaphthylene
Concen: 0.538 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:152 Resp: 23502

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.6	15.8



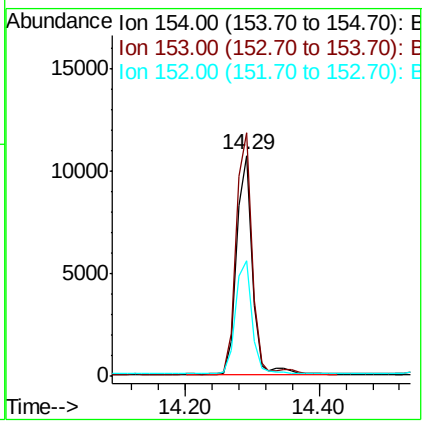


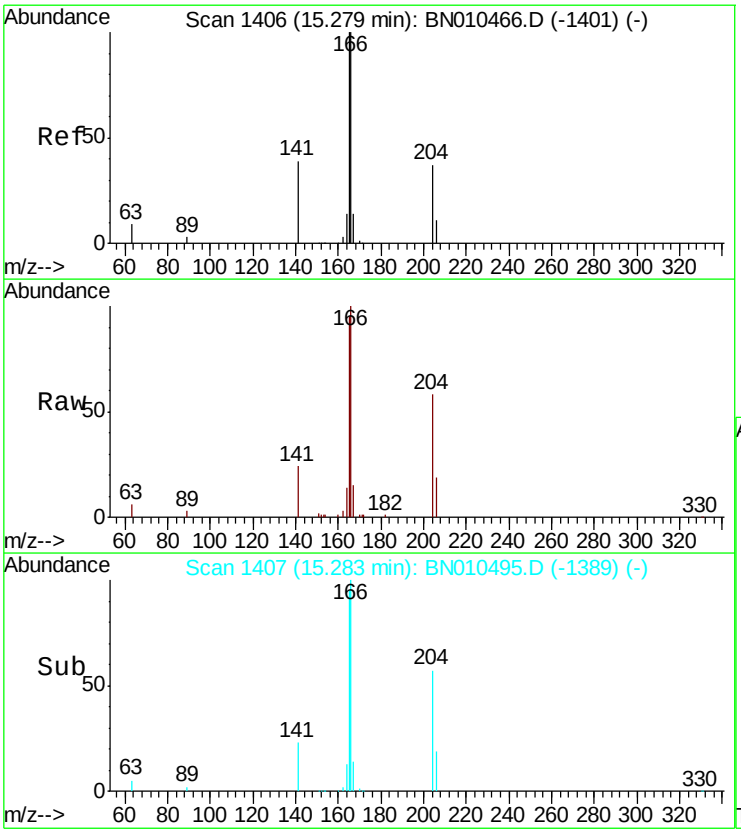
#17
Acenaphthene
Concen: 0.612 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 17196

Ion	Ratio	Lower	Upper
154	100		
153	108.2	91.0	136.4
152	52.6	44.6	67.0

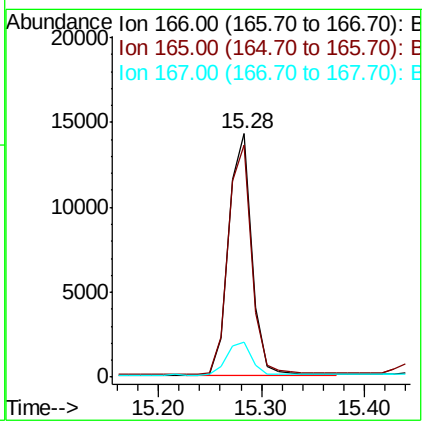


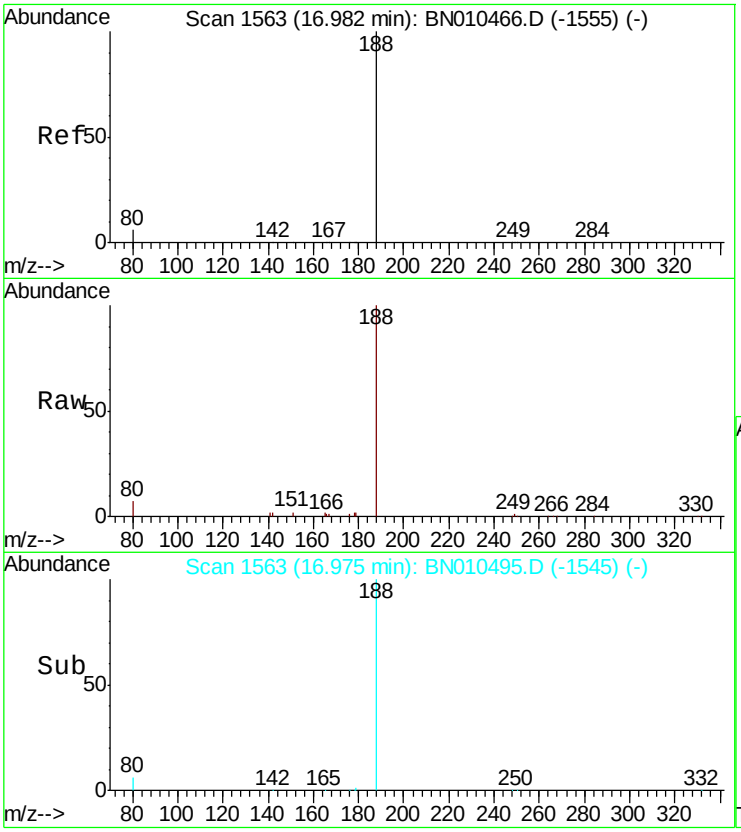


#18
Fluorene
Concen: 0.602 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:166 Resp: 22128

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	15.7	10.9	16.3



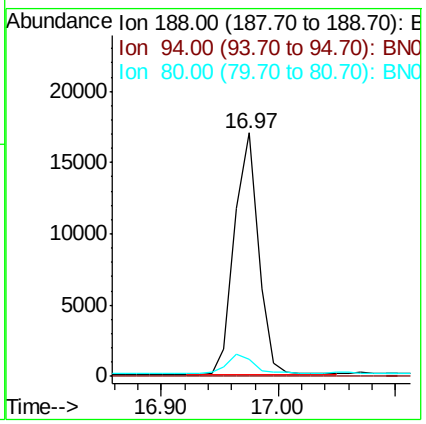


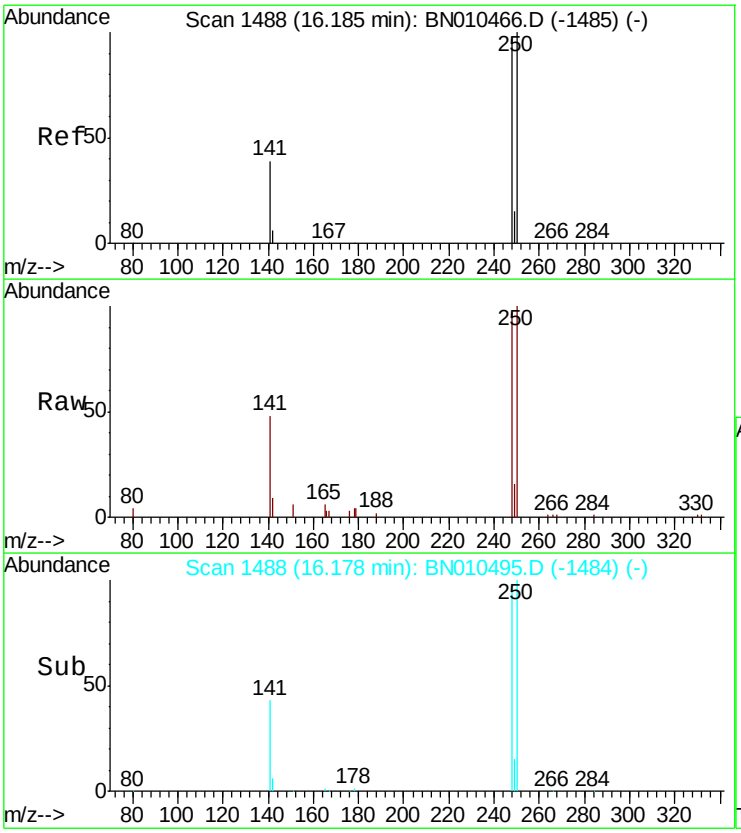
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24123

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.0	7.6

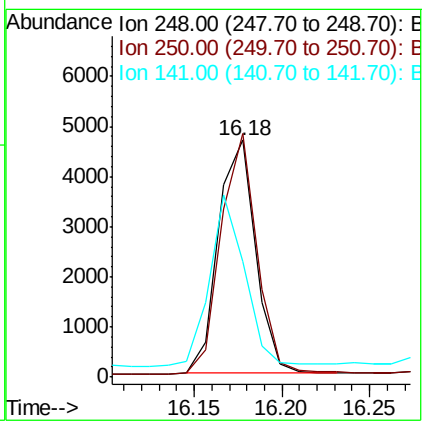


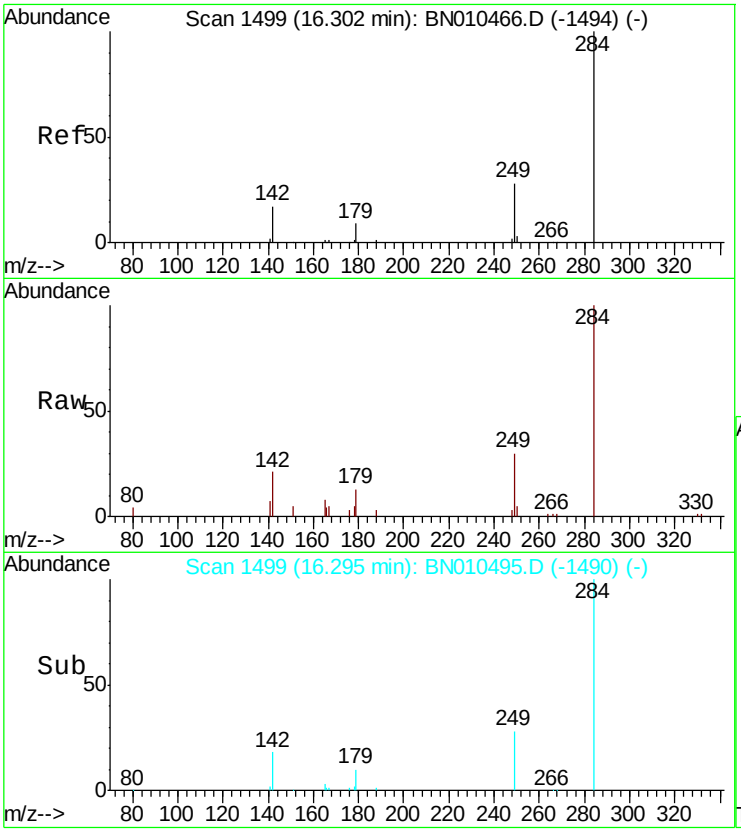


#20
4-Bromophenyl-phenylether
Concen: 0.510 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:248 Resp: 6833

Ion	Ratio	Lower	Upper
248	100		
250	102.7	82.3	123.5
141	48.9	35.2	52.8



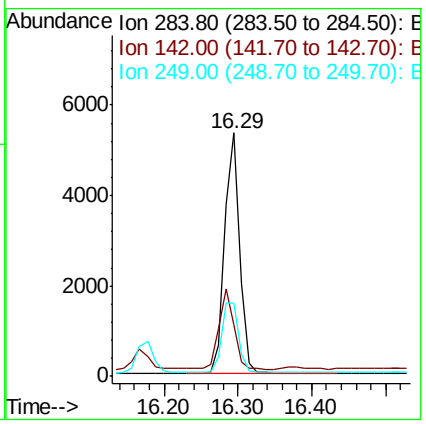


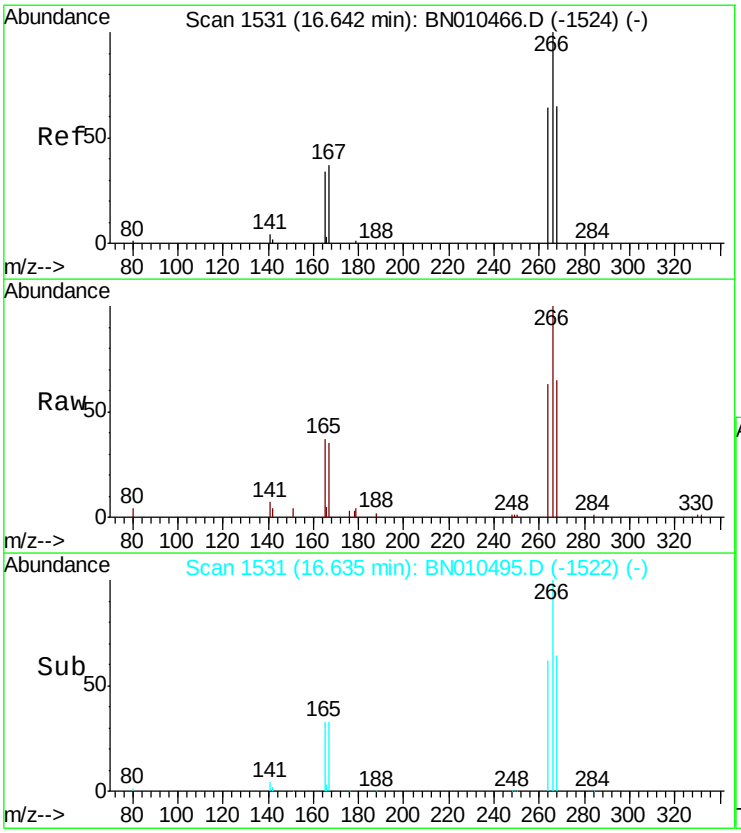
#21
Hexachlorobenzene
Concen: 0.505 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 7726

Ion	Ratio	Lower	Upper
284	100		
142	33.2	25.5	38.3
249	32.5	25.8	38.6

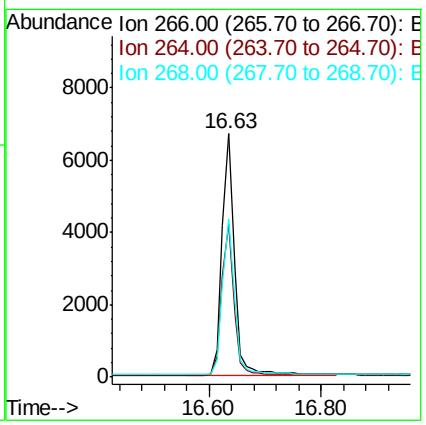


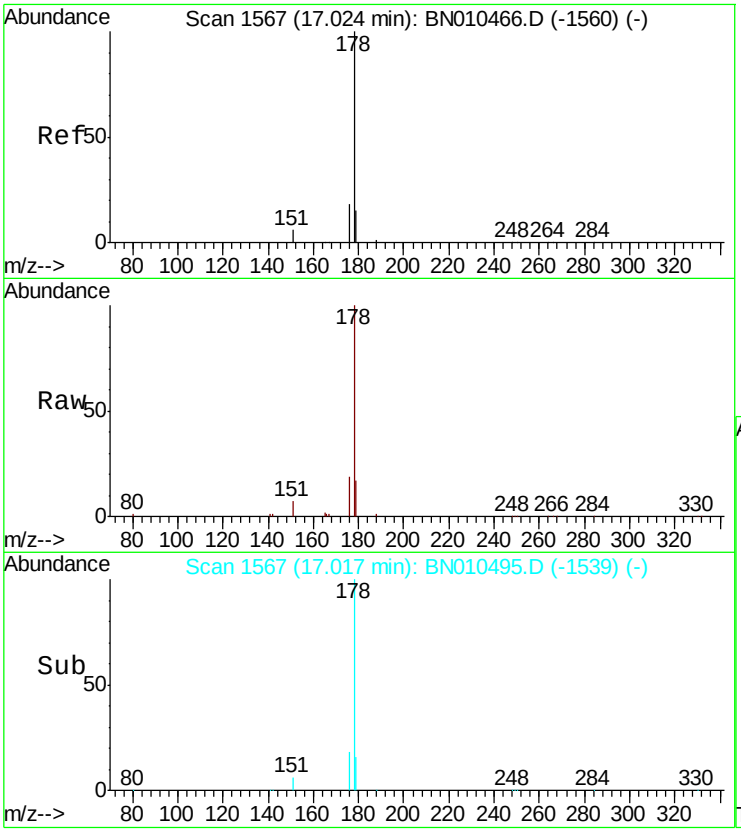


#22
Pentachlorophenol
Concen: 1.695 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:266 Resp: 10200

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.8	77.6
268	64.7	53.7	80.5



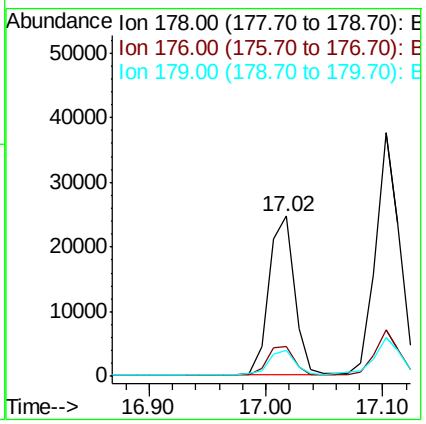


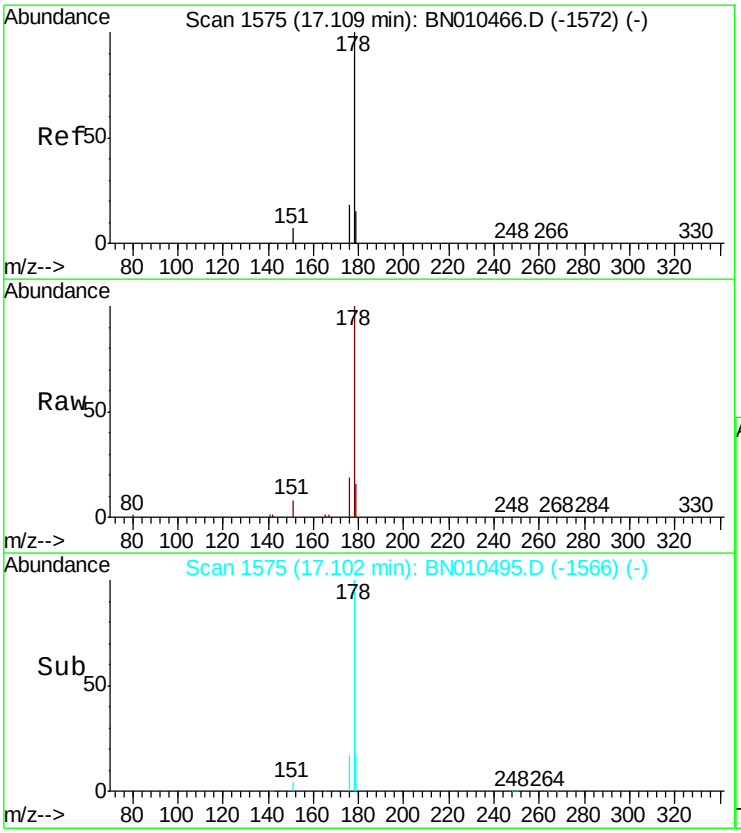
#23
Phenanthrene
Concen: 0.578 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 37640

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.9	12.6	18.8

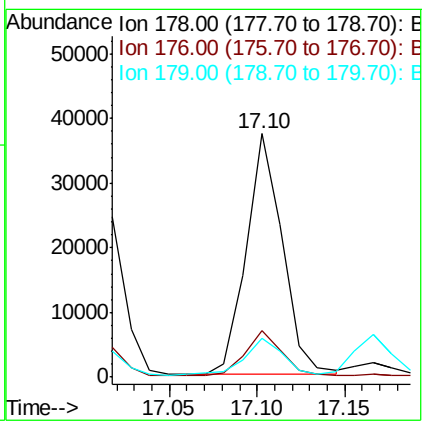


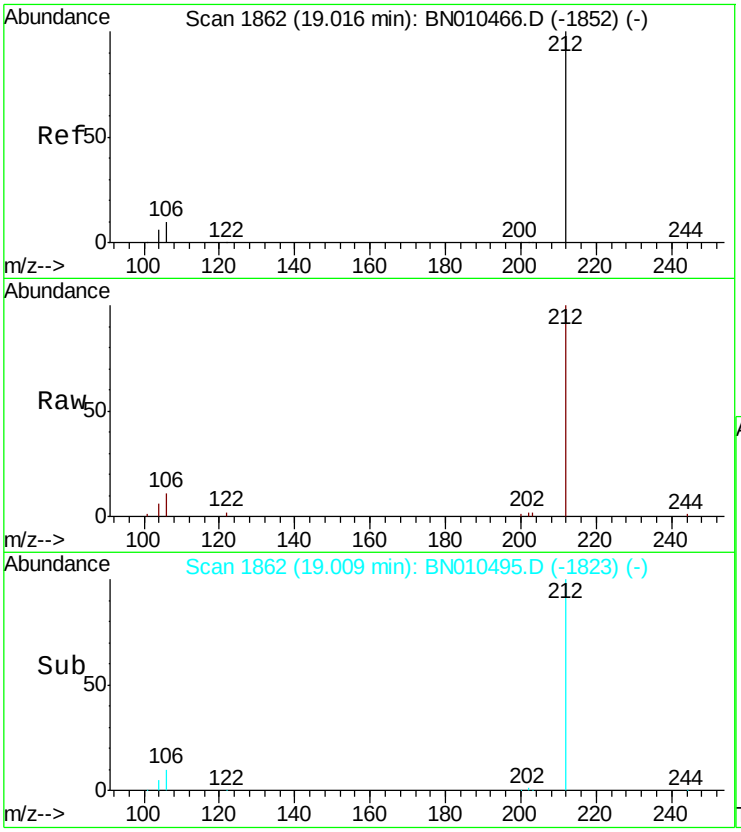


#24
Anthracene
Concen: 0.897 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:178 Resp: 53401

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	16.2	12.2	18.2



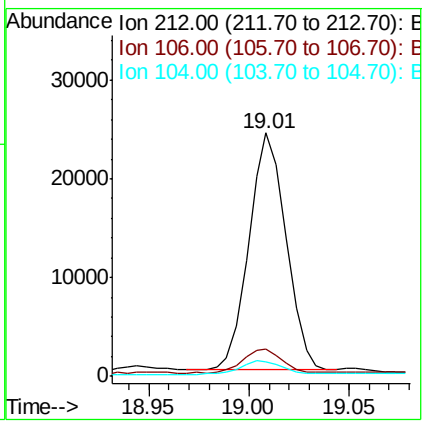


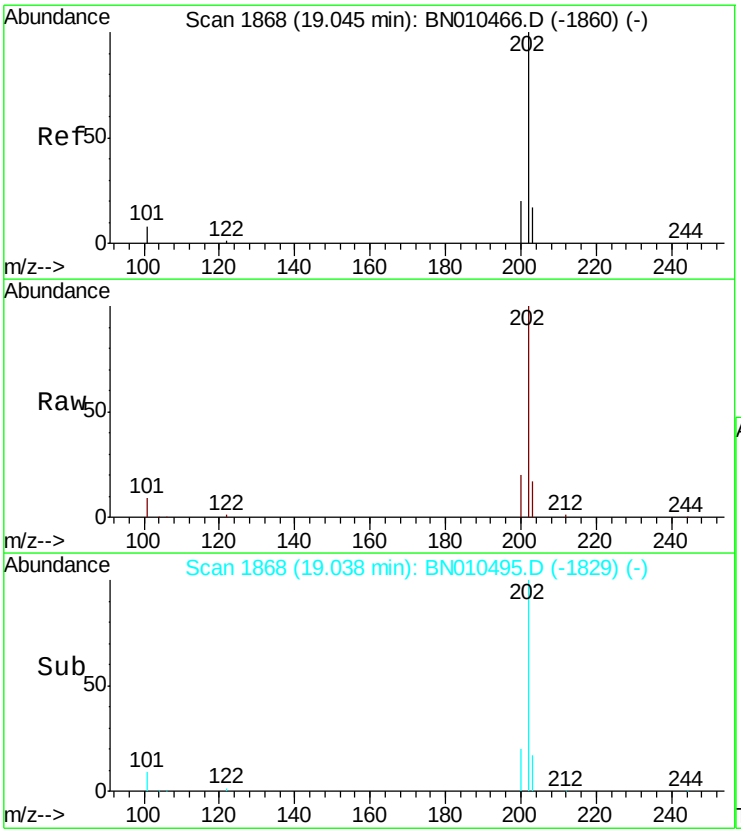
#25
Fluoranthene-d10
Concen: 0.421 ng
RT: 19.01 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 30776

Ion	Ratio	Lower	Upper
212	100		
106	10.5	7.8	11.6
104	6.1	4.5	6.7

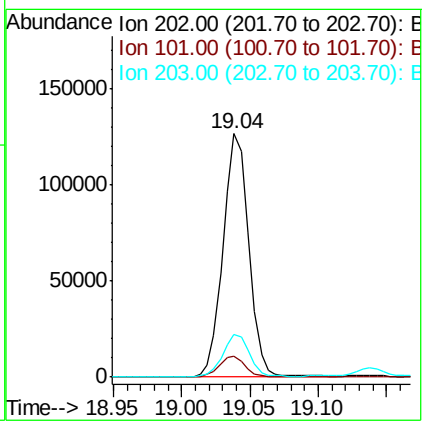


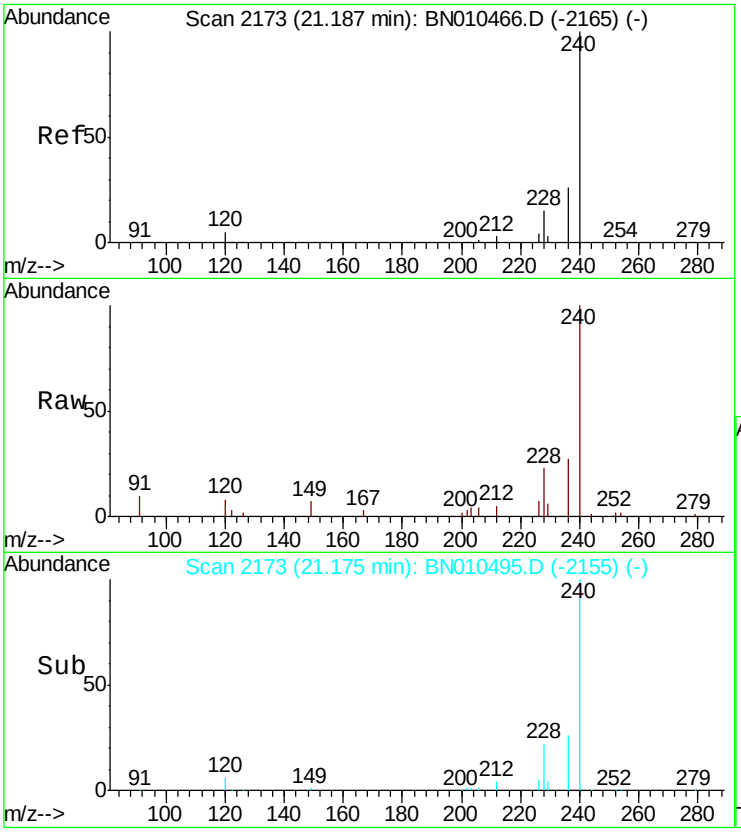


#26
Fluoranthene
Concen: 2.024 ng
RT: 19.04 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:202 Resp: 164088

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.9	10.3
203	17.3	13.9	20.9



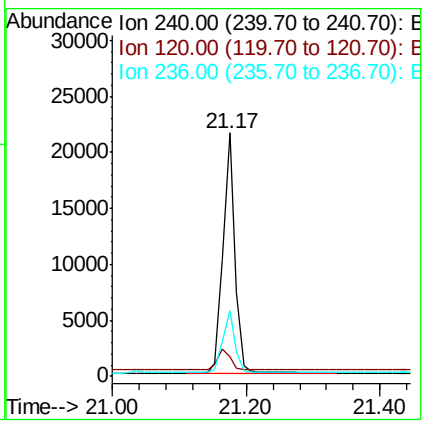


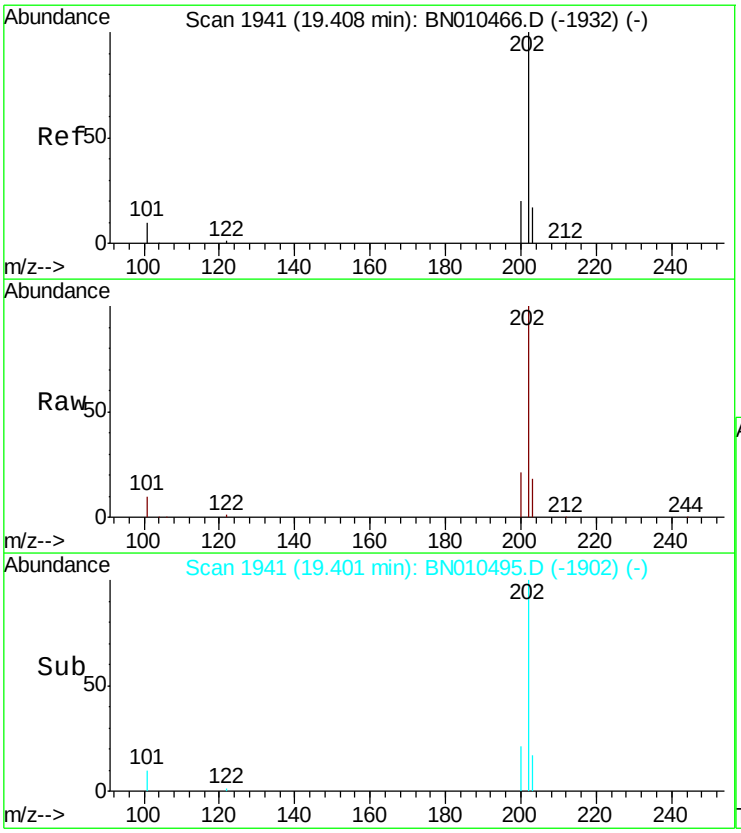
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 26154

Ion	Ratio	Lower	Upper
240	100		
120	8.2	4.8	7.2#
236	27.0	21.4	32.0

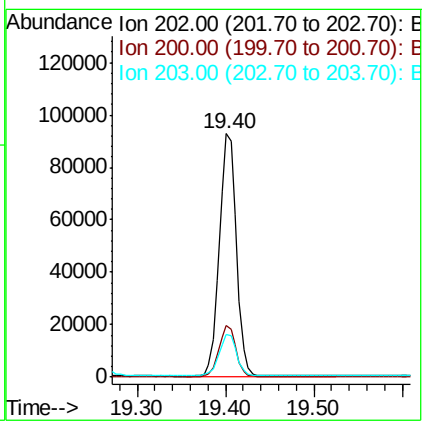


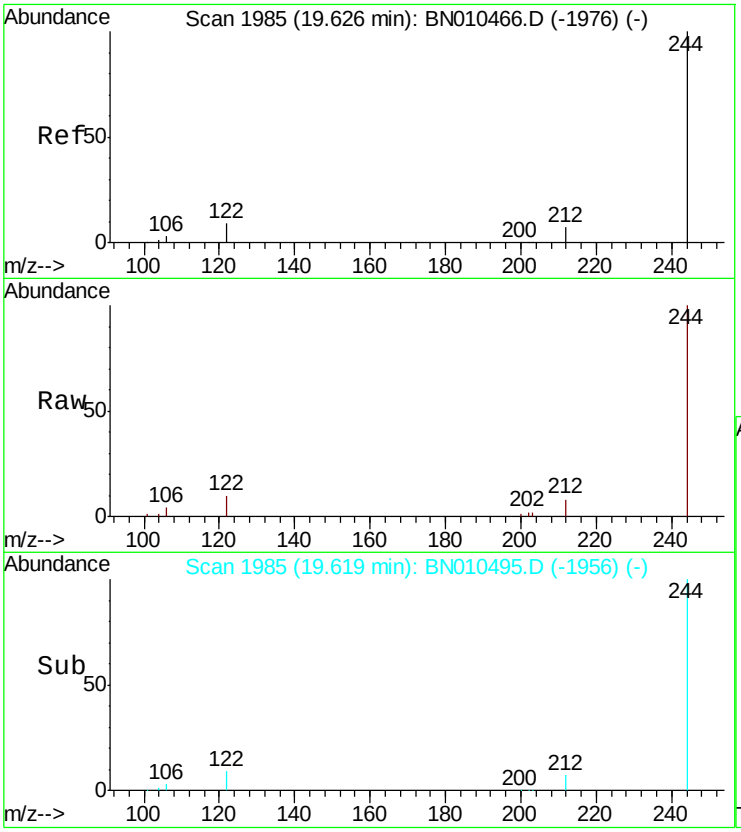


#28
Pyrene
Concen: 1.407 ng
RT: 19.40 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:202 Resp: 123876

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.7	14.0	21.0



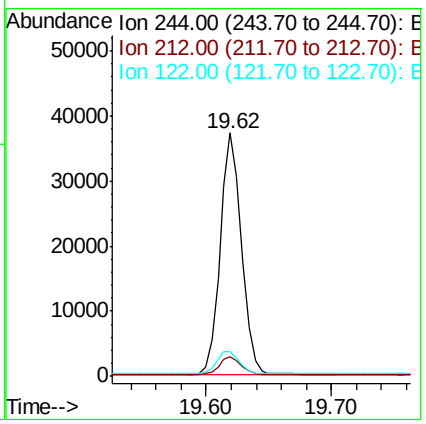


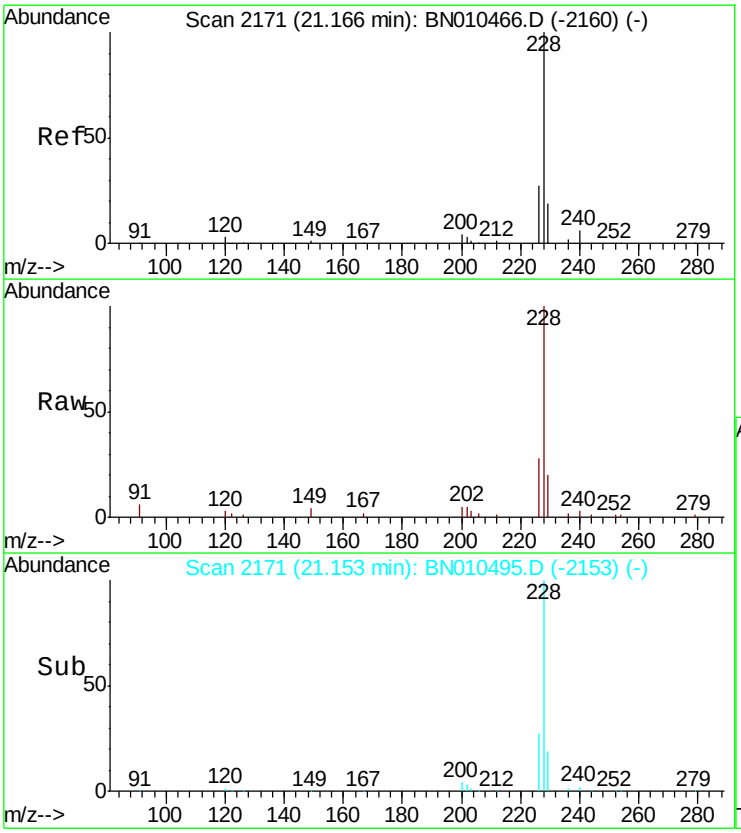
#29
Terphenyl-d14
Concen: 0.736 ng
RT: 19.62 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 44030

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	10.1	7.8	11.8

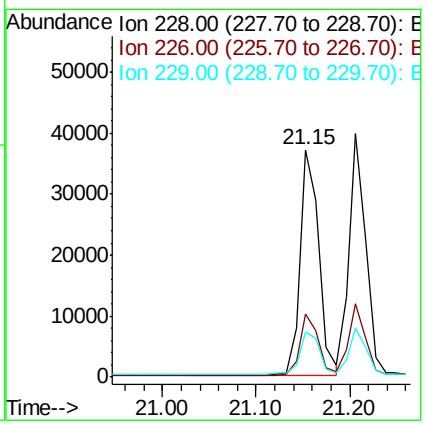


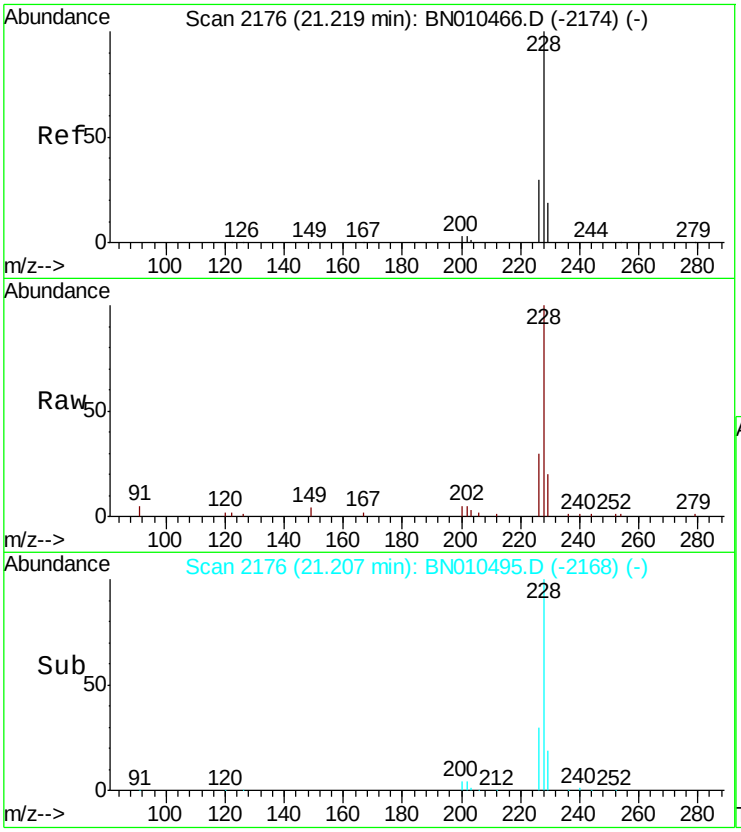


#30
Benzo(a)anthracene
Concen: 0.601 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:228 Resp: 51281

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.7	32.5
229	20.0	15.6	23.4



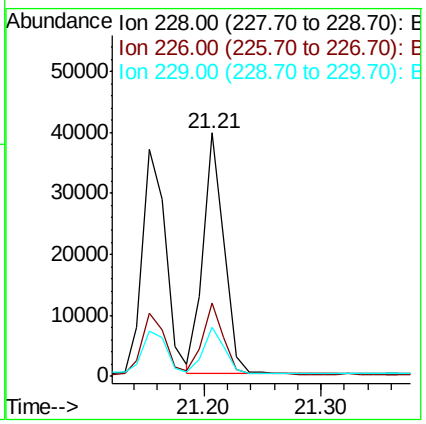


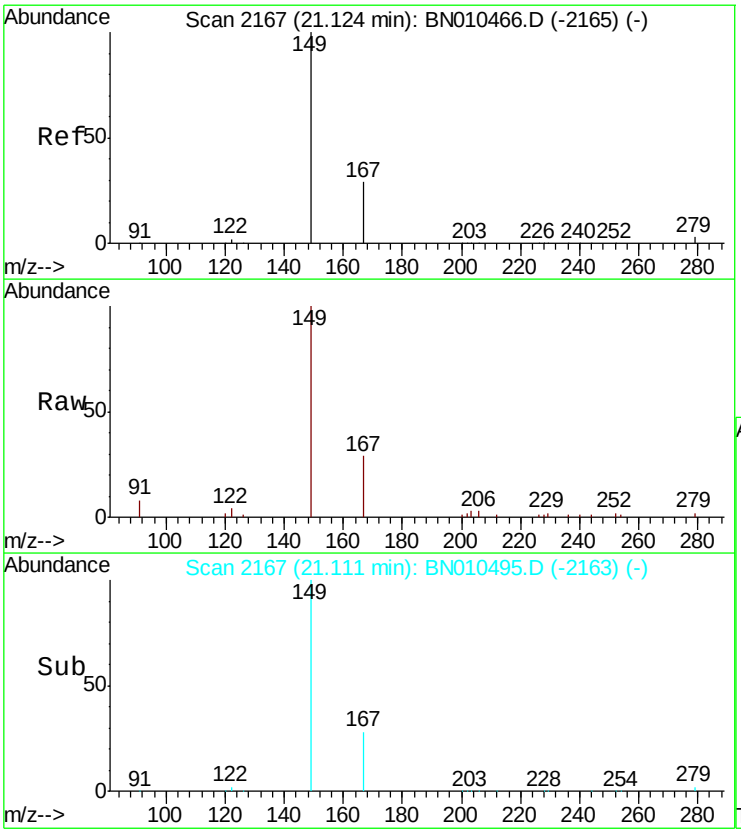
#31
Chrysene
Concen: 0.584 ng
RT: 21.21 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 49638

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.2	15.8	23.6

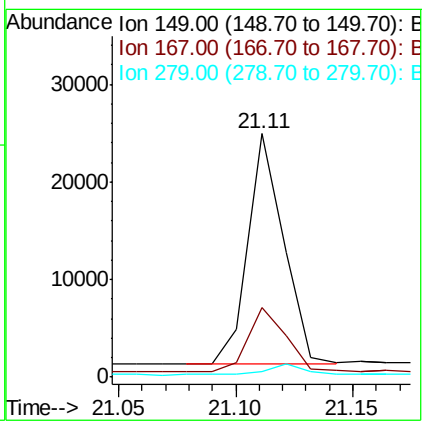


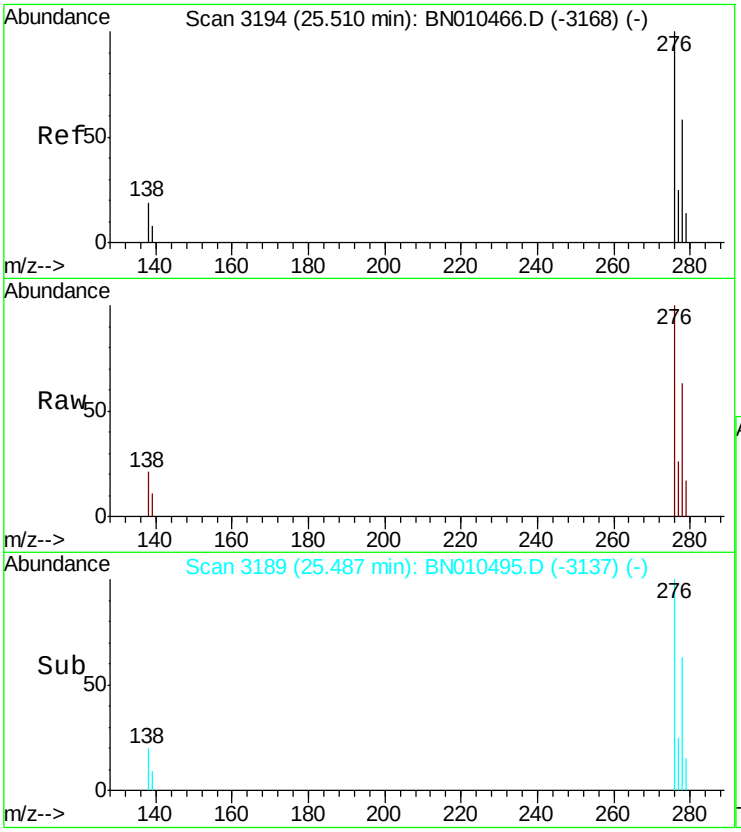


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.578 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:149 Resp: 25299

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.4	35.0
279	4.7	4.0	6.0



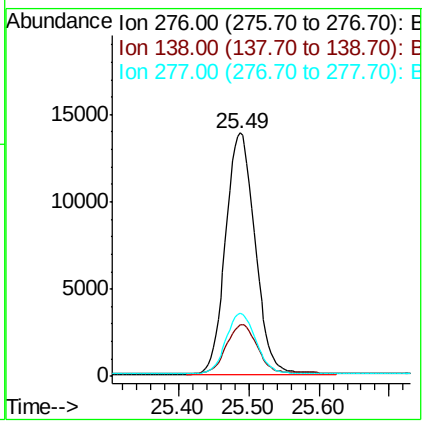


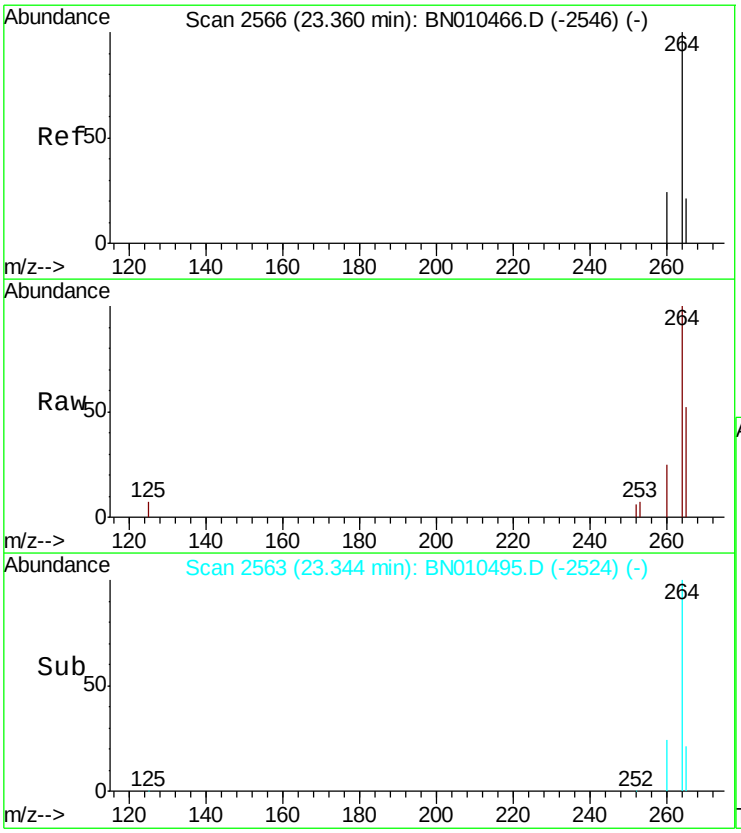
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.539 ng
RT: 25.49 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 40509

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.4	24.6
277	25.0	19.8	29.6

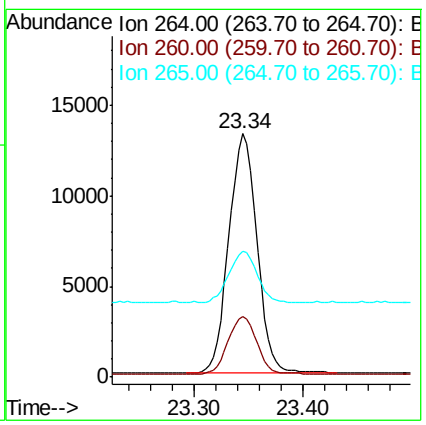


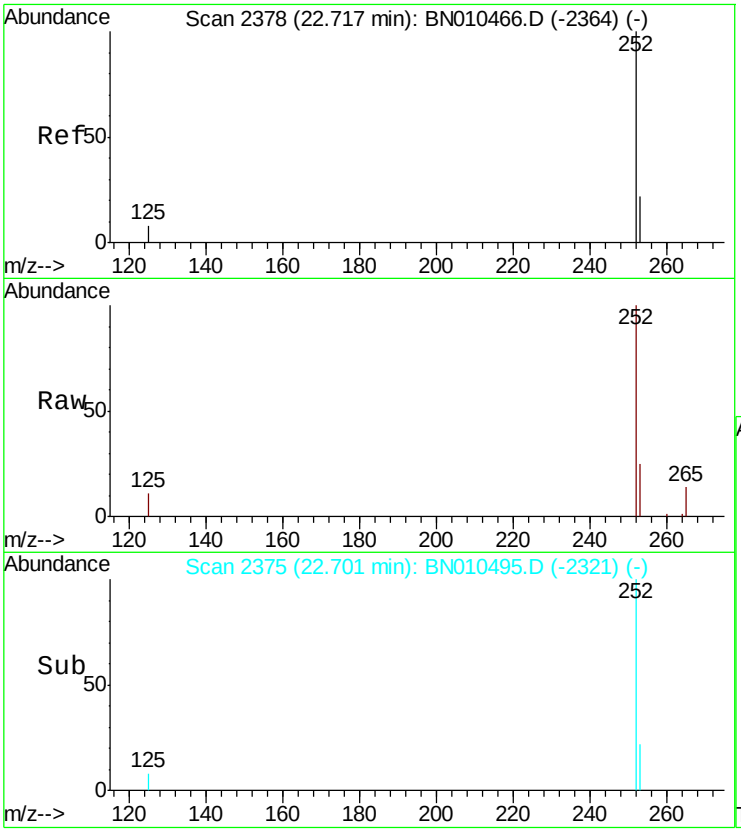


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.34 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:264 Resp: 23730

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	51.5	42.3	63.5



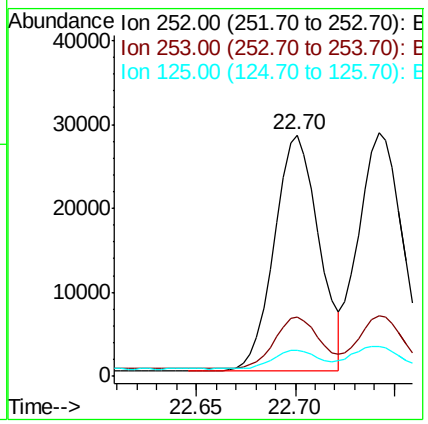


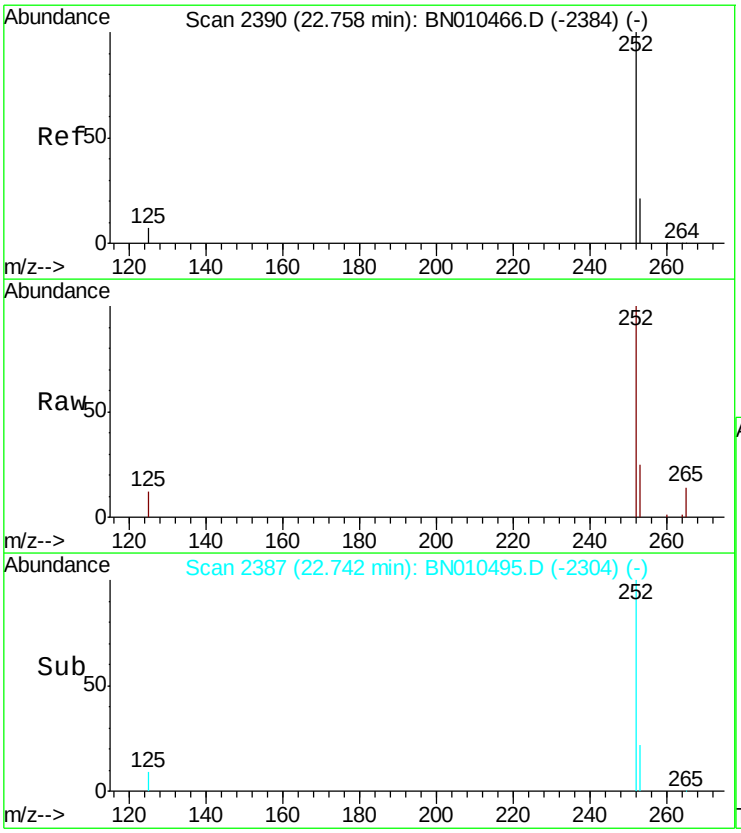
#35
Benzo(b)fluoranthene
Concen: 0.562 ng
RT: 22.70 min Scan# 2375
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 43933

Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.2	30.4
125	10.8	9.2	13.8

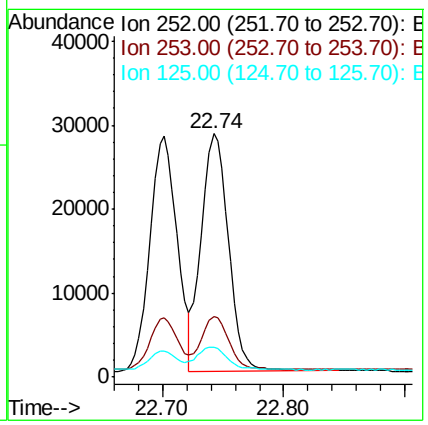


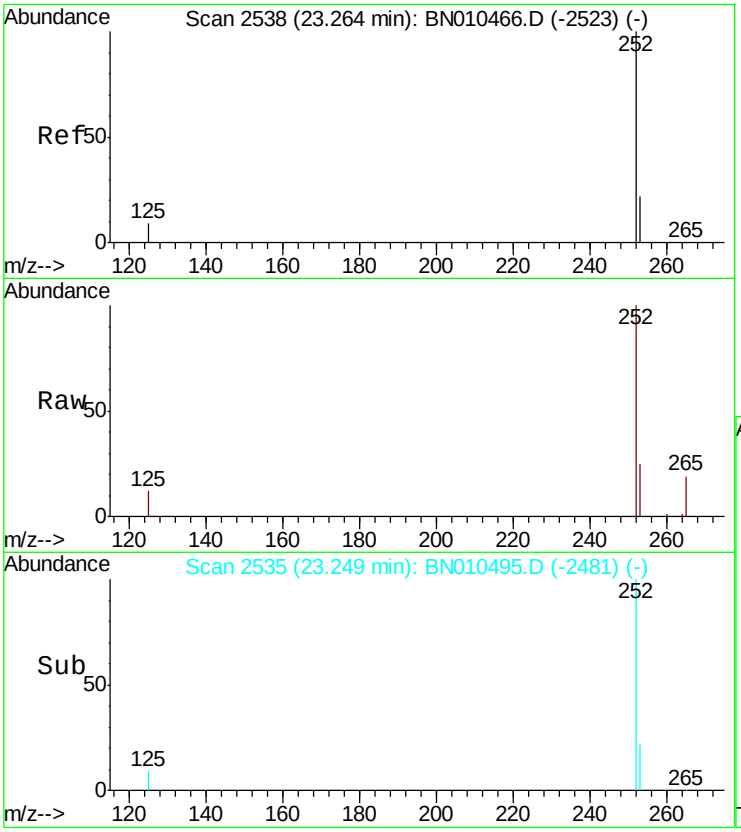


#36
Benzo(k)fluoranthene
Concen: 0.566 ng
RT: 22.74 min Scan# 2387
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:252 Resp: 44290

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.1	30.1
125	12.3	9.6	14.4



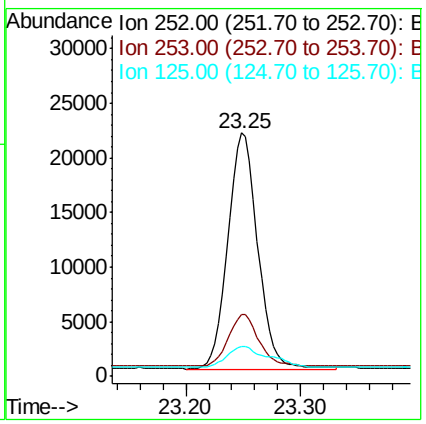


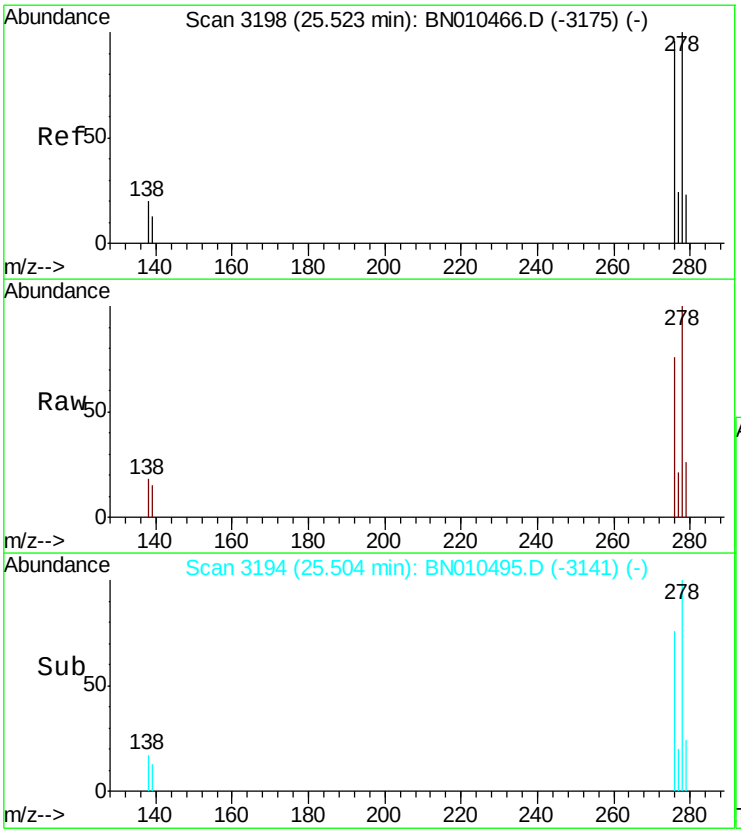
#37
Benzo(a)pyrene
Concen: 0.568 ng
RT: 23.25 min Scan# 2535
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 39310

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.8	32.8
125	12.4	11.0	16.6

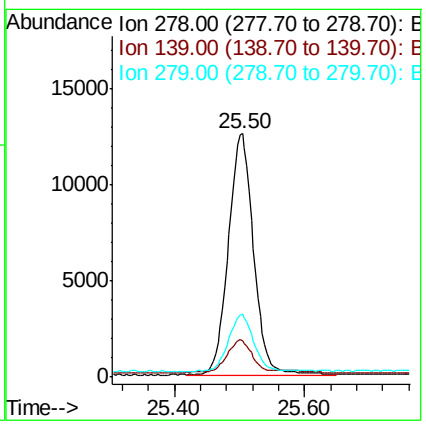


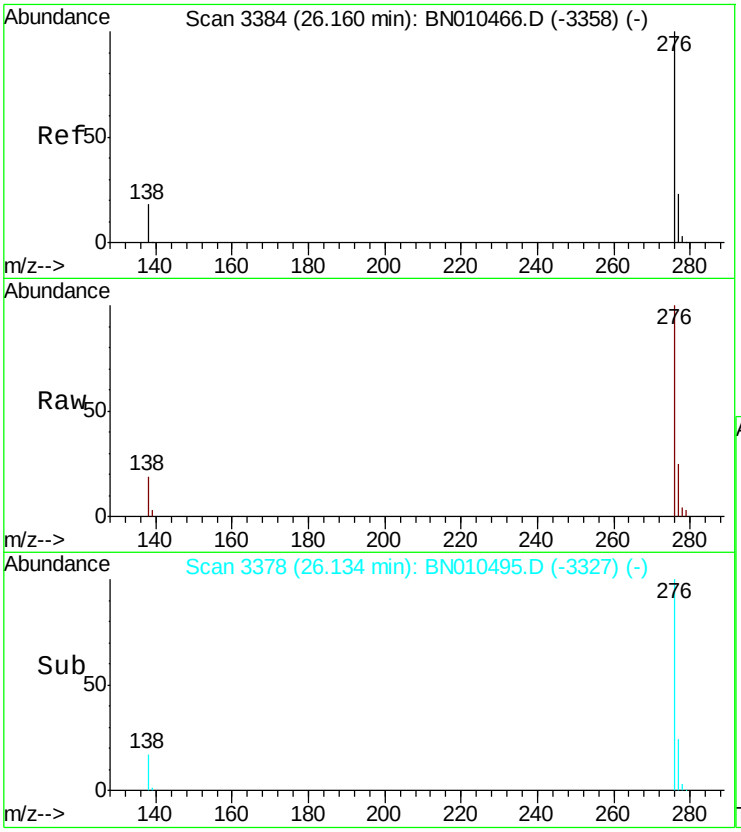


#38
Dibenzo(a,h)anthracene
Concen: 0.536 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Tgt Ion:278 Resp: 33890

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.3	18.5
279	25.7	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.536 ng
RT: 26.13 min Scan# 3378
Delta R.T. -0.03 min
Lab File: BN010495.D
Acq: 15 Apr 2020 01:42

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34130

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.2
138	18.6	15.4	23.2