Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010164.D
Acq On : 10 Mar 2020 16:44
Operator : CG/JU
Sample : L1842-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE132D2-20200305MS

Quant Time: Mar 10 18:43:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	777	0.40	ng		-0.05
7) Naphthalene-d8	10.11	136	2808	0.40	ng		-0.06
13) Acenaphthene-d10	14.00	164	1623	0.40	ng		-0.06
19) Phenanthrene-d10	16.78	188	3251	0.40	ng		-0.04
27) Chrysene-d12	20.99	240	3568	0.40	ng		-0.05
34) Perylene-d12	23.09	264	3898	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.04	112	383	0.22	ng		-0.04
5) Phenol-d6	6.62	99	268	0.13	ng		-0.02
8) Nitrobenzene-d5	8.55	82	891	0.38	ng		-0.04
11) 2-Methylnaphthalene-d10	11.73	152	1700	0.31	ng		-0.05
14) 2,4,6-Tribromophenol	15.55	330	262	0.42	ng		-0.04
15) 2-Fluorobiphenyl	12.63	172	2406	0.39	ng		-0.06
25) Fluoranthene-d10	18.82	212	3803	0.34	ng		-0.04
29) Terphenyl-d14	19.43	244	3225	0.38	ng		-0.05
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.38	42	295	0.226	ng	#	94
6) bis(2-Chloroethyl)ether	6.83	93	737	0.361	ng		94
9) Naphthalene	10.16	128	2651	0.346	ng		97
10) Hexachlorobutadiene	10.43	225	553	0.328	ng	#	95
12) 2-Methylnaphthalene	11.81	142	1804	0.344	ng		97
16) Acenaphthylene	13.72	152	2586	0.374	ng		99
17) Acenaphthene	14.06	154	1741	0.358	ng		99
18) Fluorene	15.08	166	2215	0.345	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	172	Below Cal			91
21) Hexachlorobenzene	16.09	284	722	0.357	ng		94
22) Pentachlorophenol	16.46	266	407	0.779	ng		91
23) Phenanthrene	16.81	178	3571	0.369	ng		99
24) Anthracene	16.92	178	3106	0.380	ng		98
26) Fluoranthene	18.85	202	4295	0.371	ng		100
28) Pyrene	19.21	202	4542	0.335	ng		100
30) Benzo(a)anthracene	20.97	228	4193	0.354	ng		99
31) Chrysene	21.03	228	4473	0.327	ng		98
32) Bis(2-ethylhexyl)phthalate	20.91	149	2976	0.515	ng		94
33) Indeno(1,2,3-cd)pyrene	25.13	276	5357	0.376	ng		98
35) Benzo(b)fluoranthene	22.48	252	4778	0.335	ng		96
36) Benzo(k)fluoranthene	22.52	252	5169	0.333	ng		98
37) Benzo(a)pyrene	23.01	252	4715	0.363	ng	#	94
38) Dibenzo(a,h)anthracene	25.14	278	4390	0.343	ng		98
39) Benzo(g,h,i)perylene	25.75	276	4751	0.348	ng		99

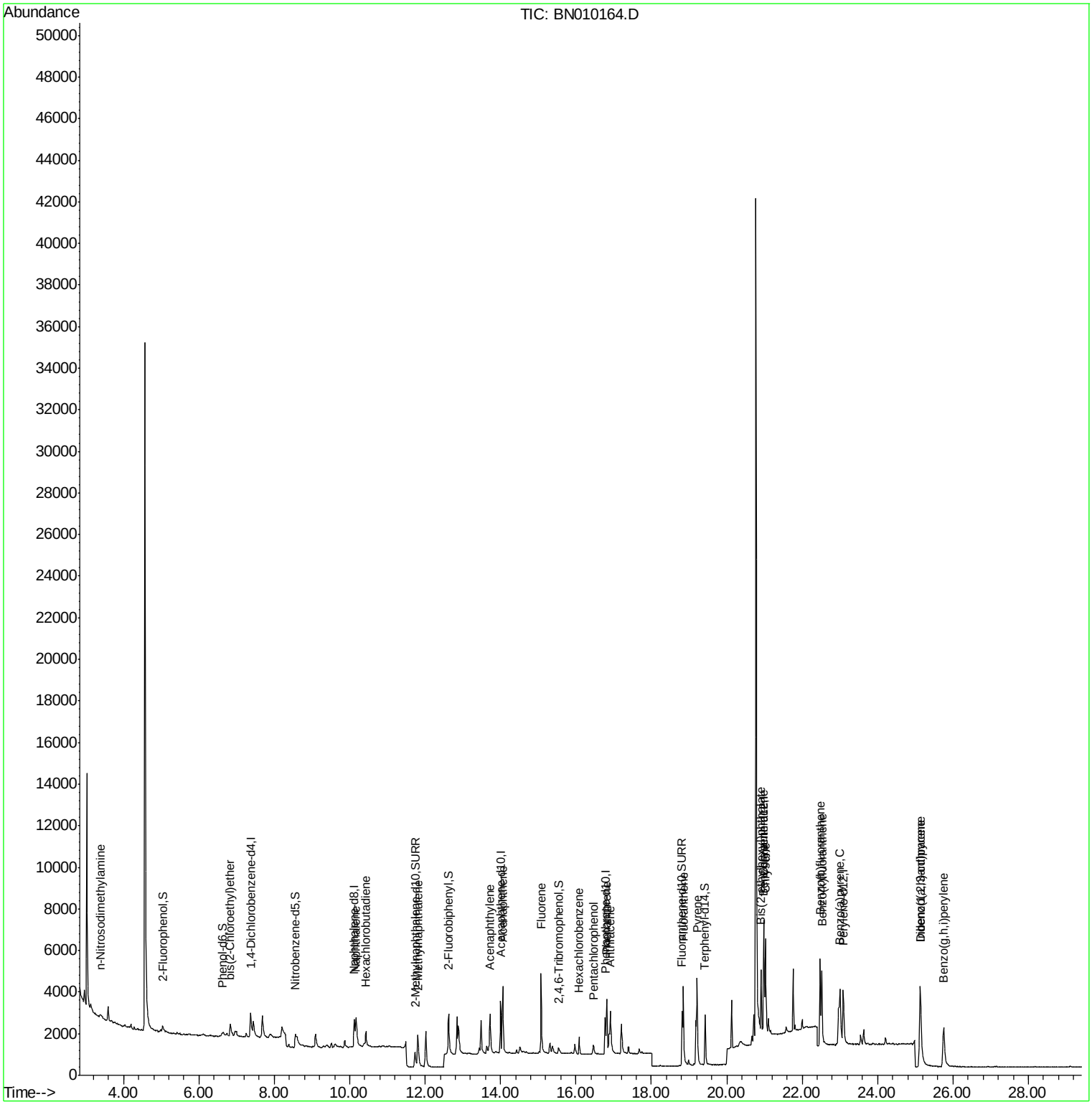
(#) = qualifier out of range (m) = manual integration (+) = signals summed

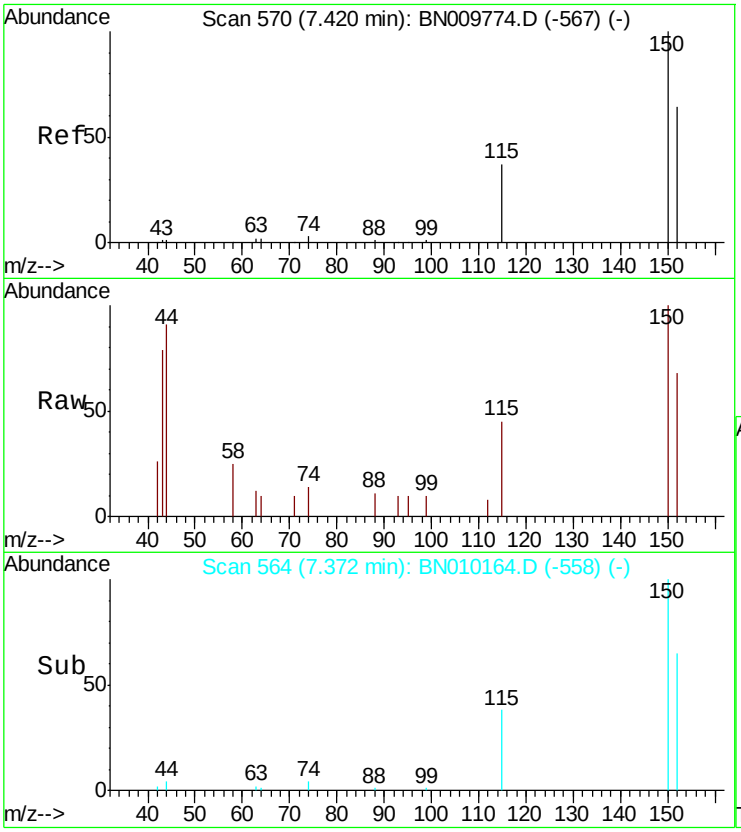
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031020\
Data File : BN010164.D
Acq On : 10 Mar 2020 16:44
Operator : CG/JU
Sample : L1842-15MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Quant Time: Mar 10 18:43:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration



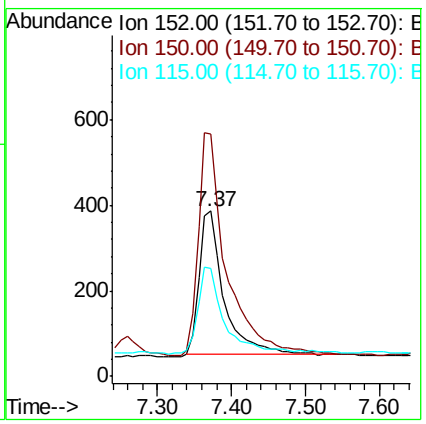


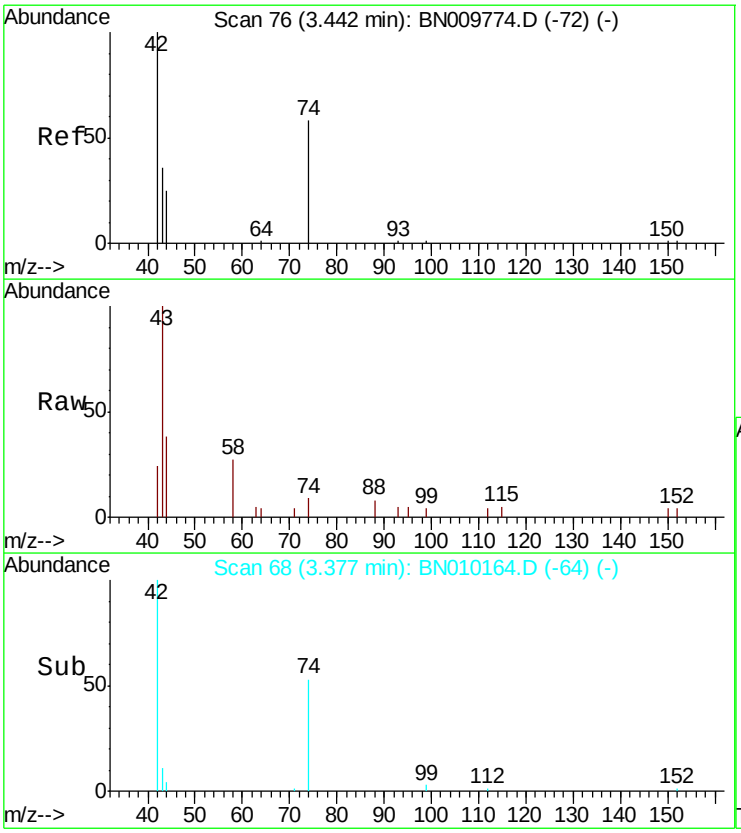
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 564
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:152 Resp: 777

Ion	Ratio	Lower	Upper
152	100		
150	146.9	120.6	181.0
115	65.5	51.2	76.8

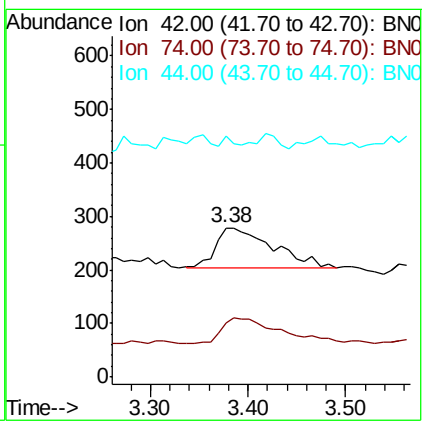


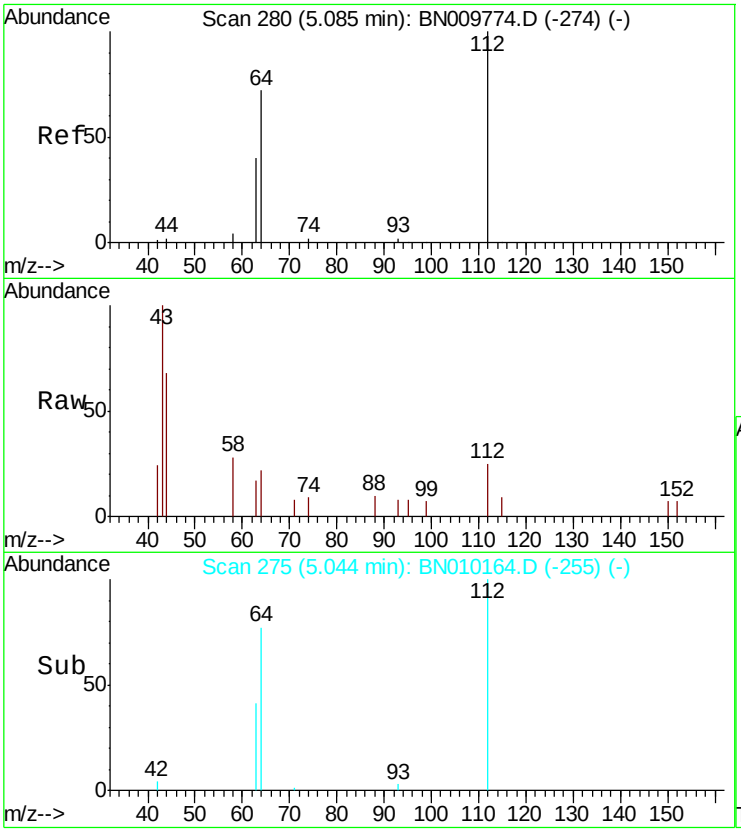


#3
n-Nitrosodimethylamine
Concen: 0.226 ng
RT: 3.38 min Scan# 68
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion: 42 Resp: 295

Ion	Ratio	Lower	Upper
42	100		
74	68.8	51.2	76.8
44	4.4	2.6	4.0#



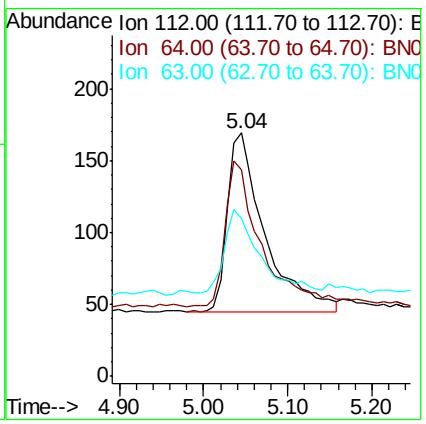


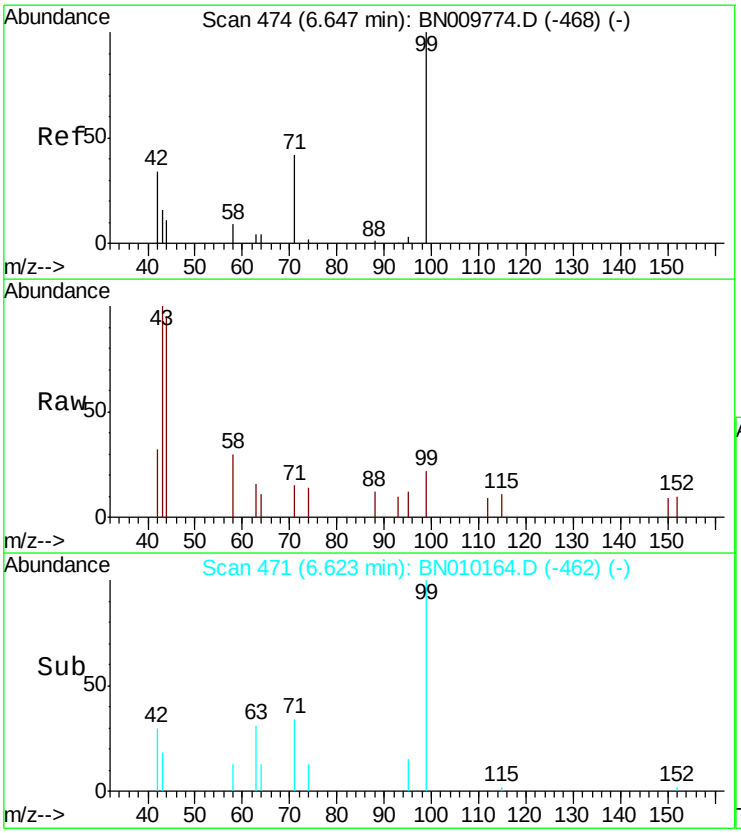
#4
2-Fluorophenol
Concen: 0.222 ng
RT: 5.04 min Scan# 275
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:112 Resp: 383

Ion	Ratio	Lower	Upper
112	100		
64	82.8	65.8	98.6
63	44.6	38.7	58.1

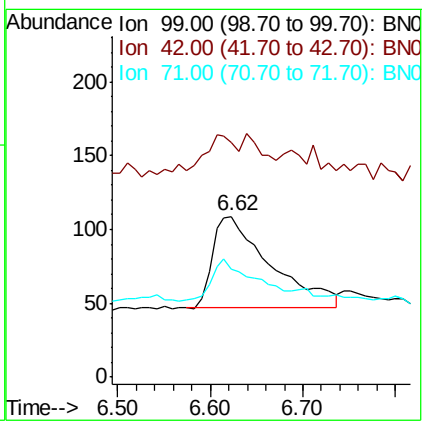


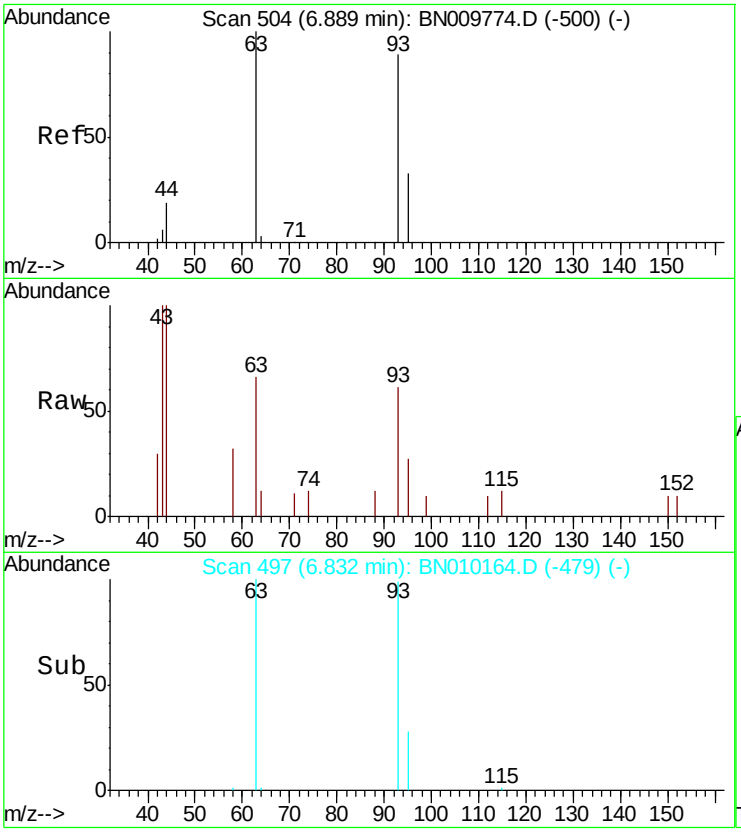


#5
Phenol-d6
Concen: 0.127 ng
RT: 6.62 min Scan# 471
Delta R.T. -0.02 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion: 99 Resp: 268

Ion	Ratio	Lower	Upper
99	100		
42	25.7	30.8	46.2#
71	35.8	34.9	52.3



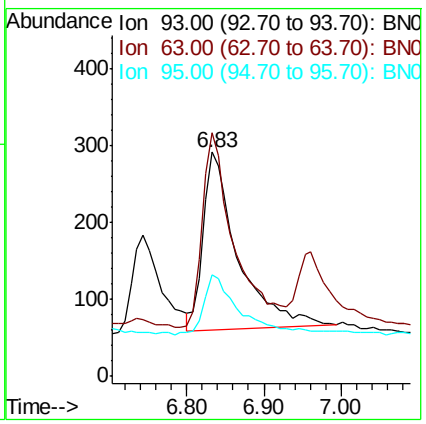


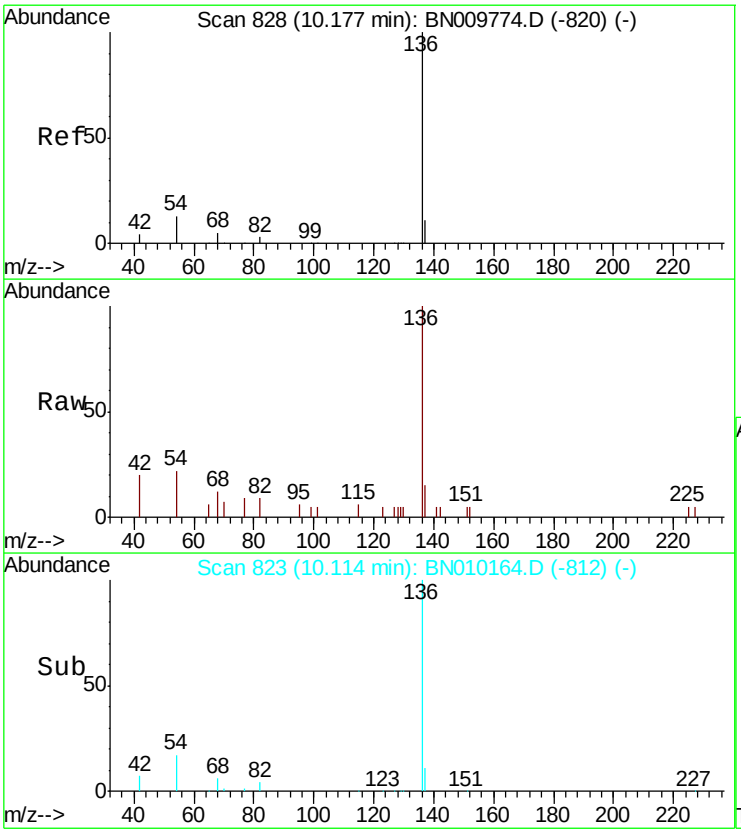
#6
bis(2-Chloroethyl)ether
Concen: 0.361 ng
RT: 6.83 min Scan# 497
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion: 93 Resp: 737

Ion	Ratio	Lower	Upper
93	100		
63	99.9	74.0	111.0
95	34.6	26.7	40.1

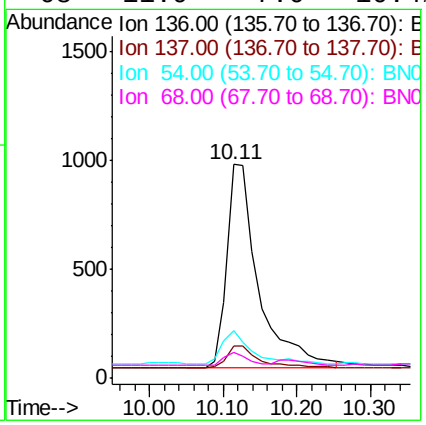


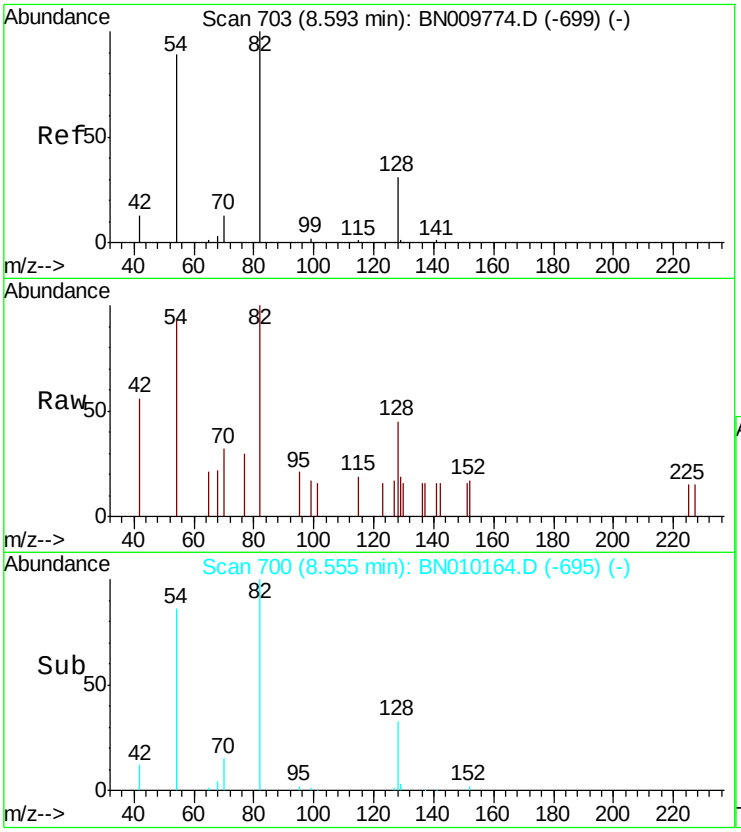


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.11 min Scan# 823
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:136 Resp: 2808

Ion	Ratio	Lower	Upper
136	100		
137	15.1	11.3	16.9
54	22.3	13.4	20.2#
68	11.9	7.0	10.4#



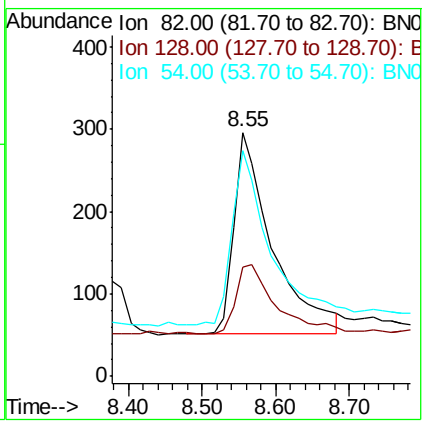


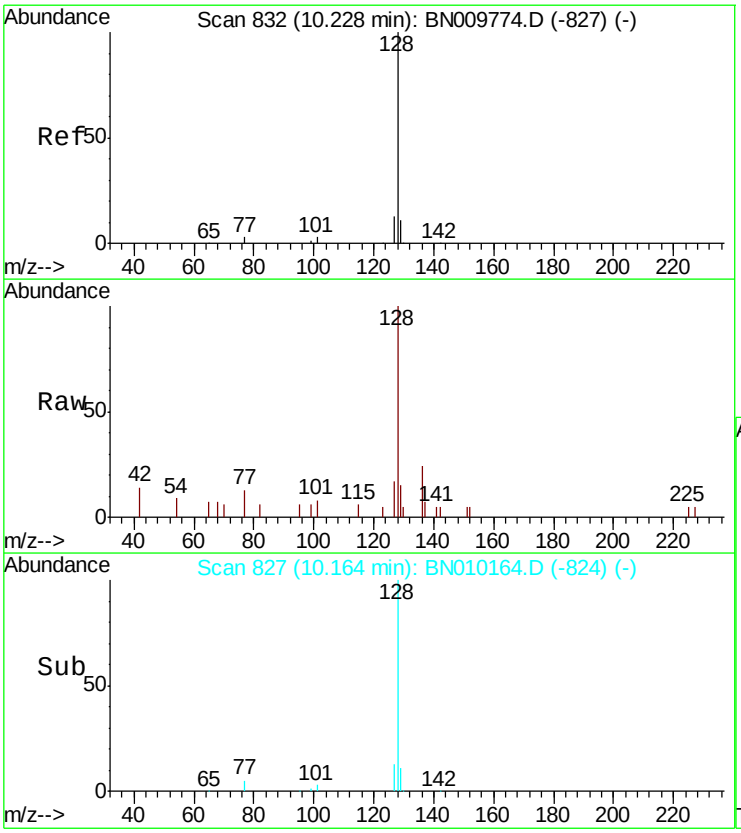
#8
Nitrobenzene-d5
Concen: 0.381 ng
RT: 8.55 min Scan# 700
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion: 82 Resp: 891

Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.5	48.7
54	92.6	73.5	110.3

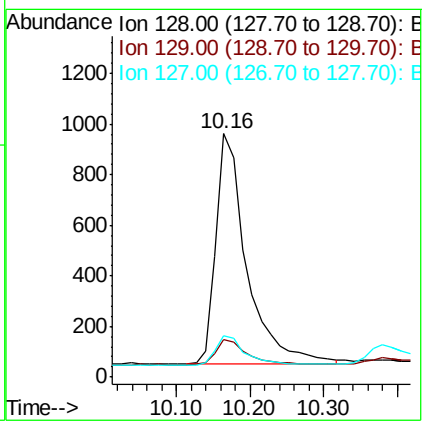


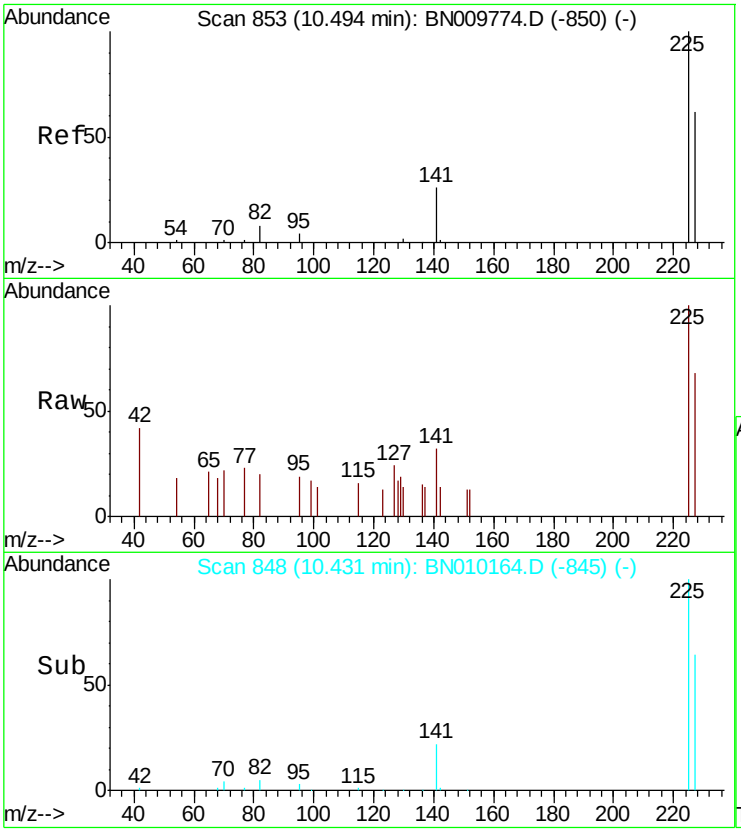


#9
Naphthalene
Concen: 0.346 ng
RT: 10.16 min Scan# 827
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:128 Resp: 2651

Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.1	16.7
127	17.2	12.6	19.0



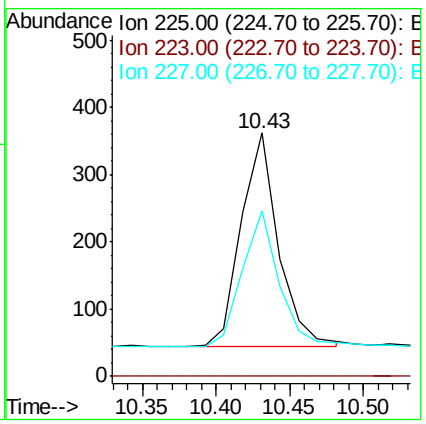


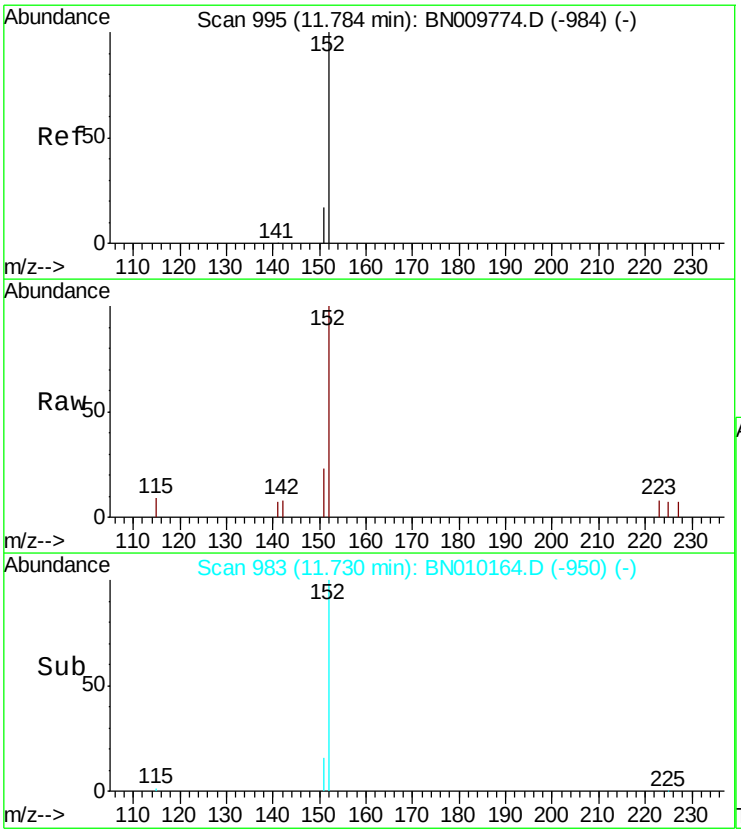
#10
Hexachlorobutadiene
Concen: 0.328 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:225 Resp: 553

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	53.4	80.2

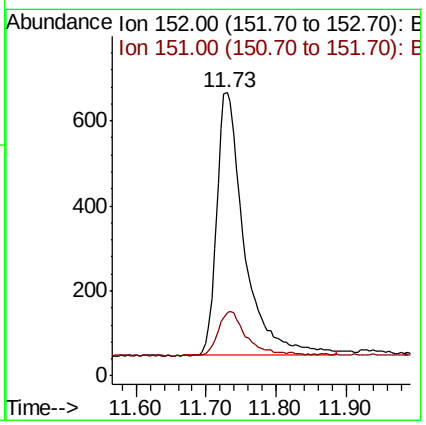


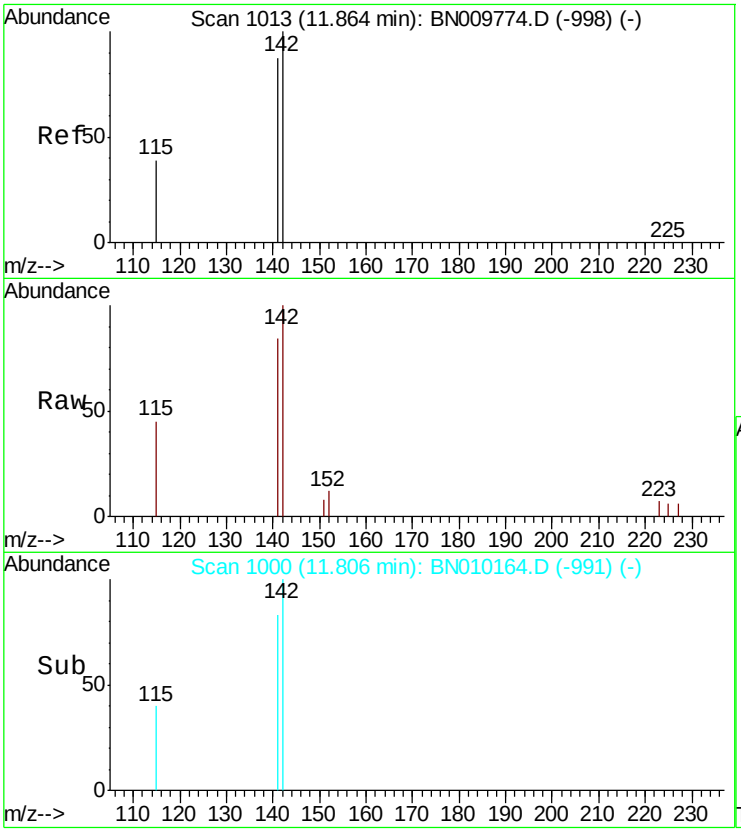


#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 11.73 min Scan# 983
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:152 Resp: 1700

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.1	22.7



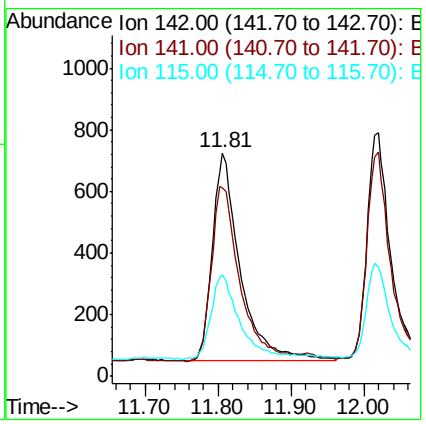


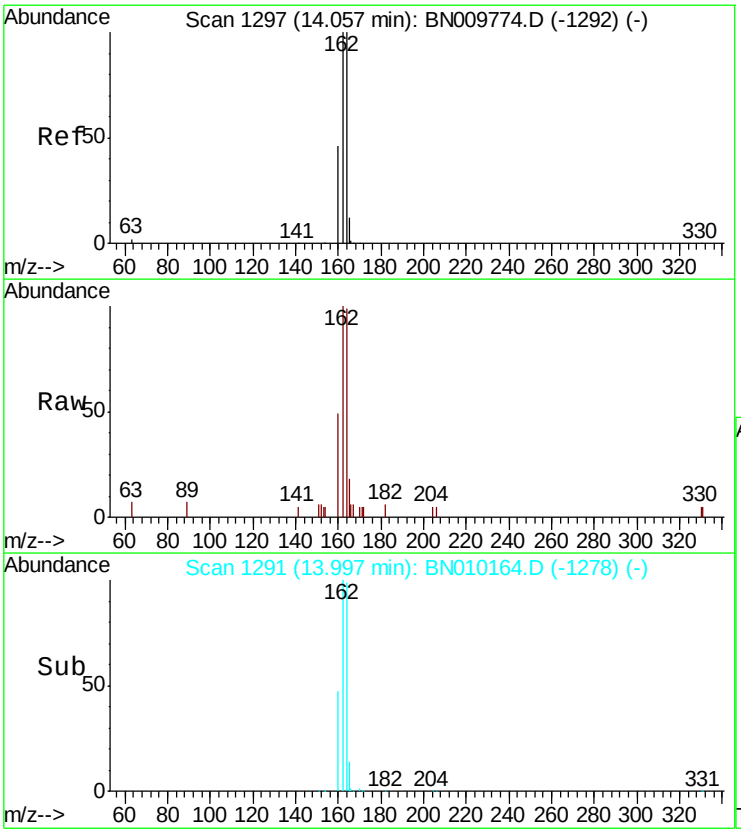
#12
2-Methylnaphthalene
Concen: 0.344 ng
RT: 11.81 min Scan# 1000
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:142 Resp: 1804

Ion	Ratio	Lower	Upper
142	100		
141	84.3	69.8	104.6
115	45.4	34.6	52.0

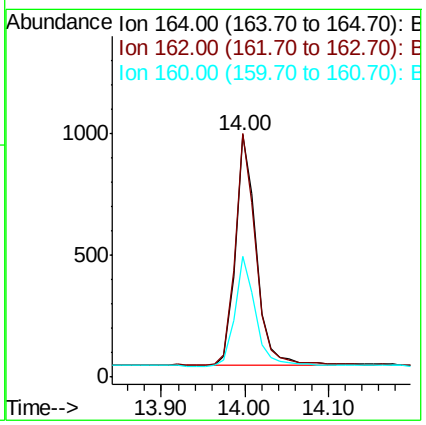


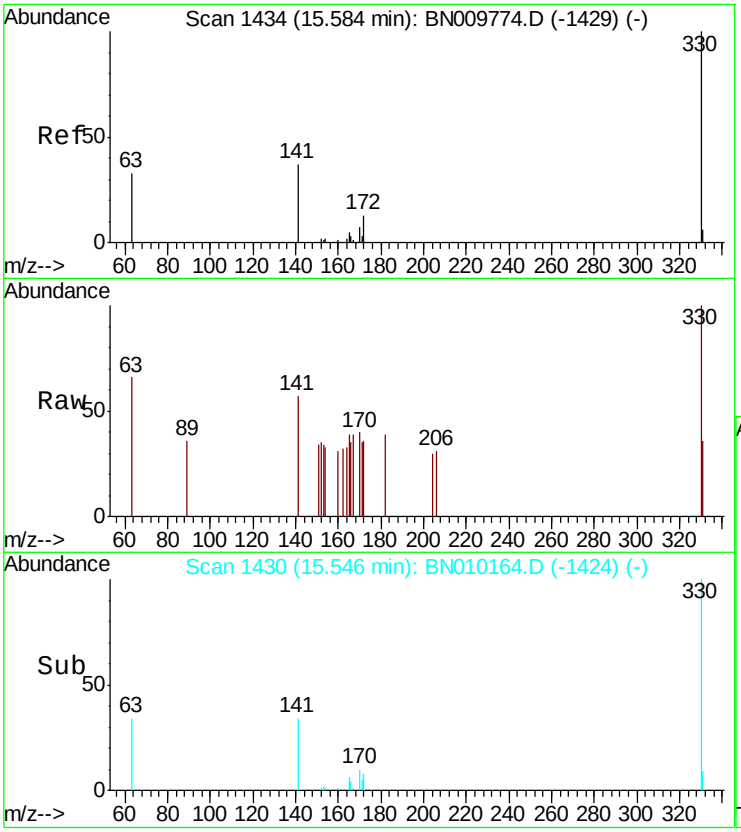


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.00 min Scan# 1291
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:164 Resp: 1623

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	49.7	38.2	57.2



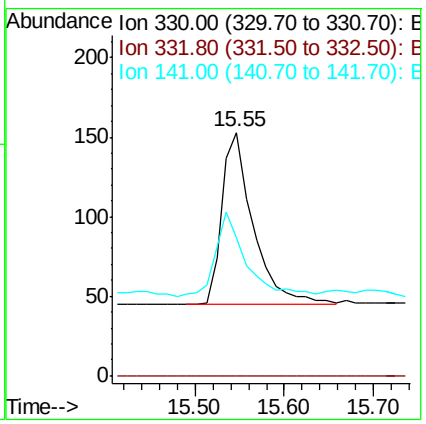


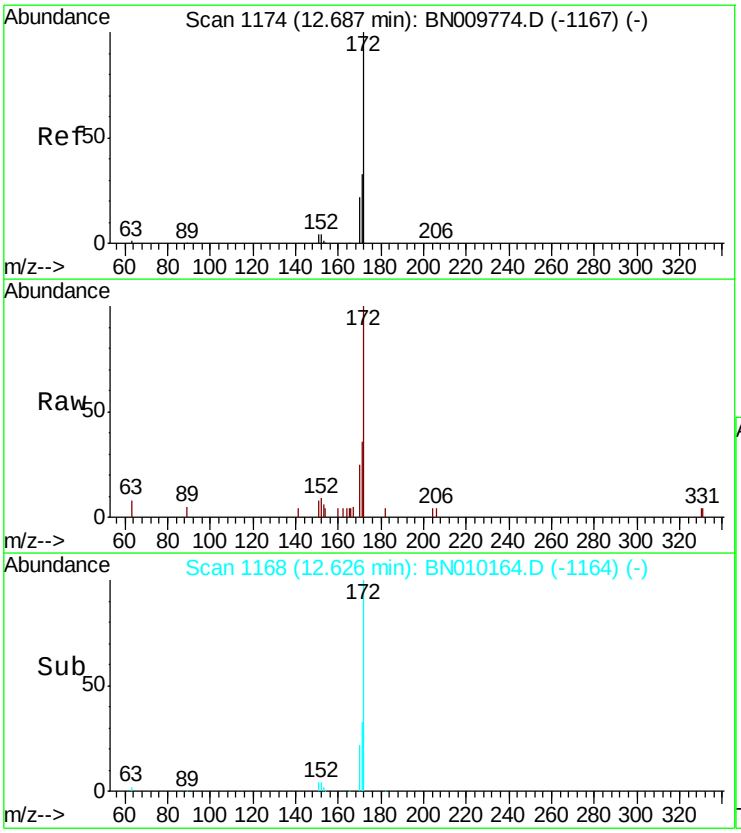
#14
2,4,6-Tribromophenol
Concen: 0.419 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:330 Resp: 262

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.7	36.8	55.2

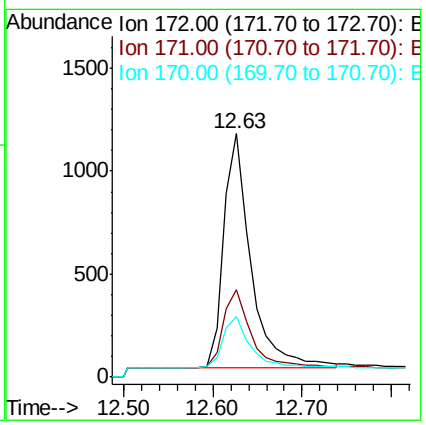


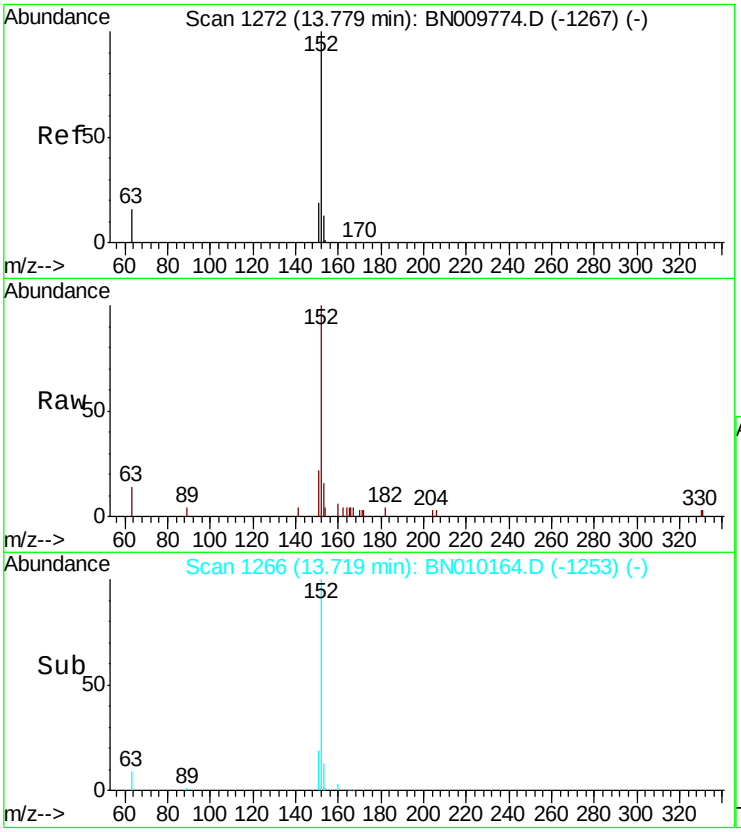


#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.63 min Scan# 1168
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:172 Resp: 2406

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	24.8	20.1	30.1



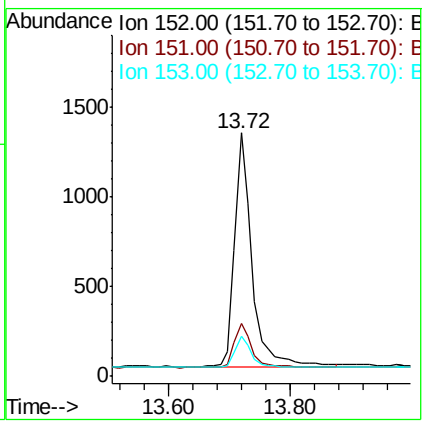


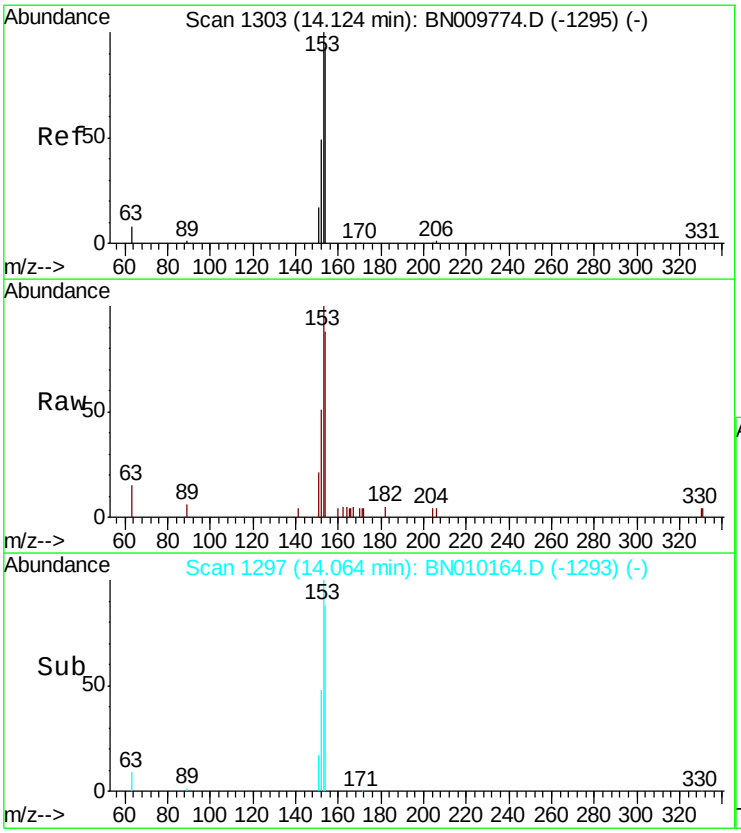
#16
Acenaphthylene
Concen: 0.374 ng
RT: 13.72 min Scan# 1266
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:152 Resp: 2586

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.6
153	13.3	10.2	15.4

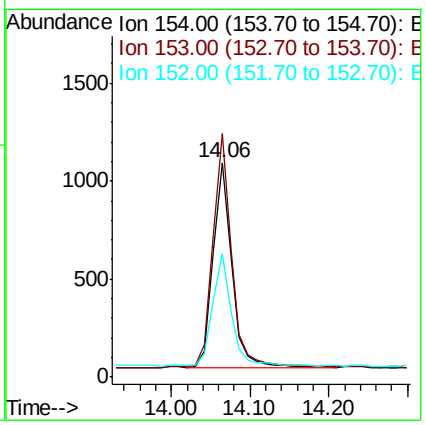


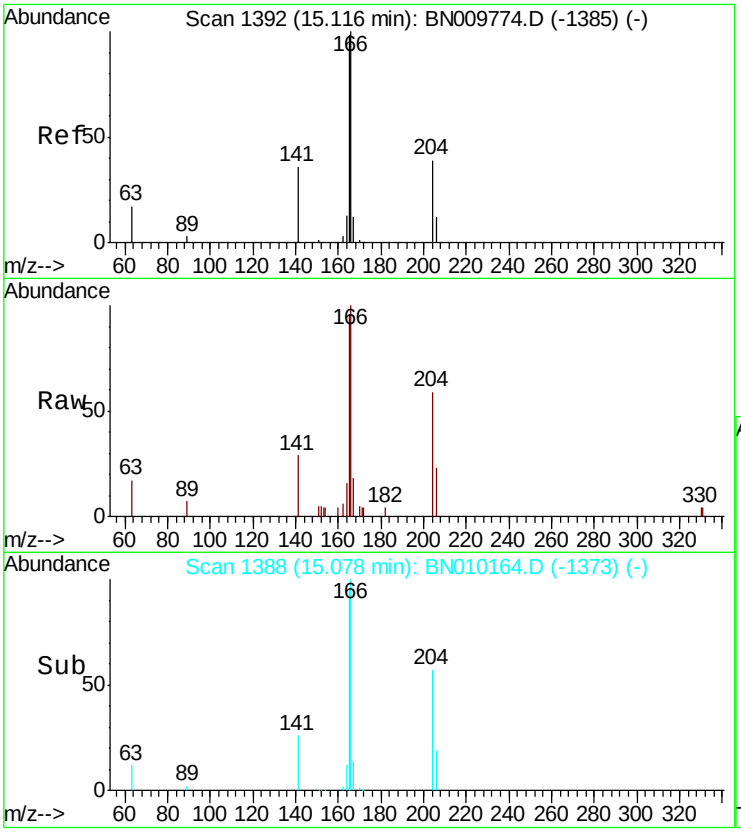


#17
Acenaphthene
Concen: 0.358 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:154 Resp: 1741

Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.9	133.3
152	55.3	44.2	66.2



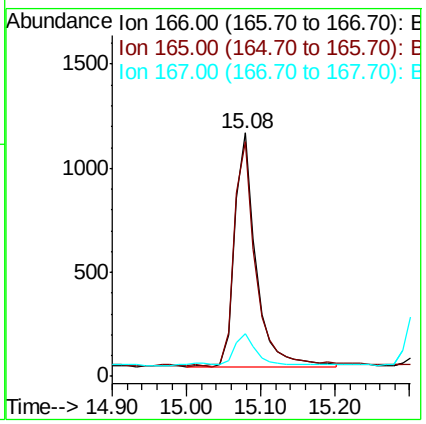


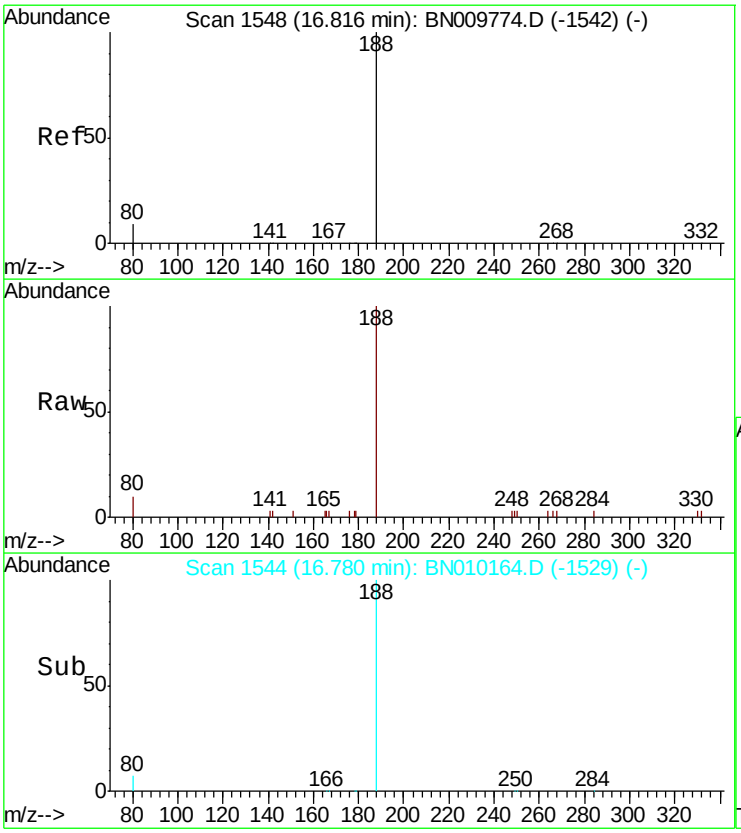
#18
Fluorene
Concen: 0.345 ng
RT: 15.08 min Scan# 1388
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:166 Resp: 2215

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.2	115.8
167	13.1	10.5	15.7

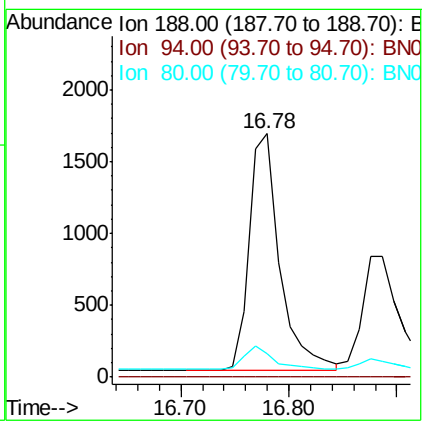


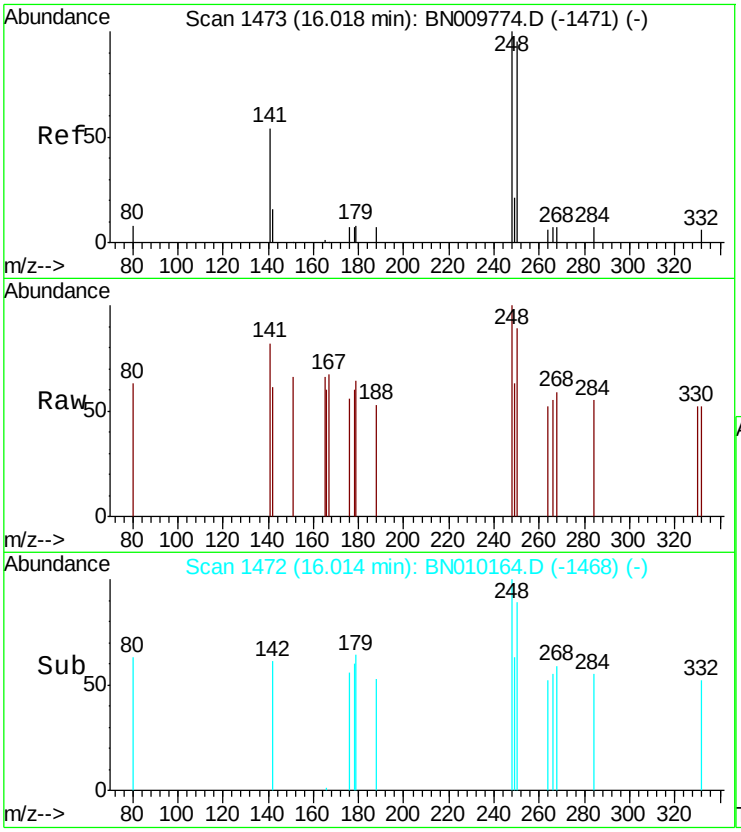


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1544
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:188 Resp: 3251

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	8.3	12.5



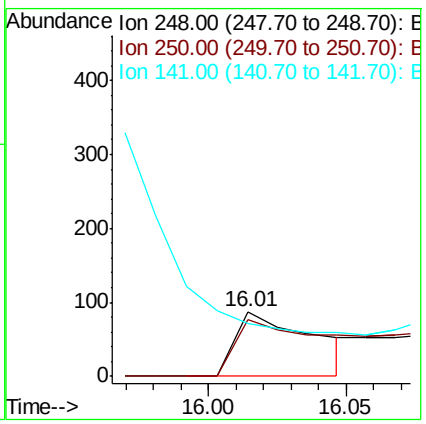


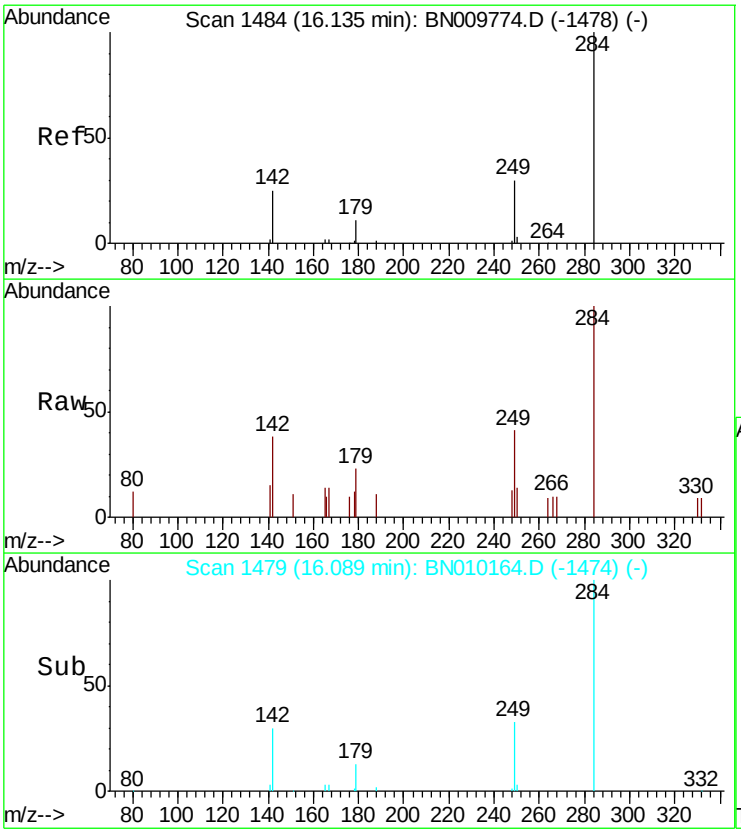
#20
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.01 min Scan# 1472
Delta R.T. -0.00 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:248 Resp: 172

Ion	Ratio	Lower	Upper
248	100		
250	88.5	76.2	114.4
141	81.6	57.8	86.6

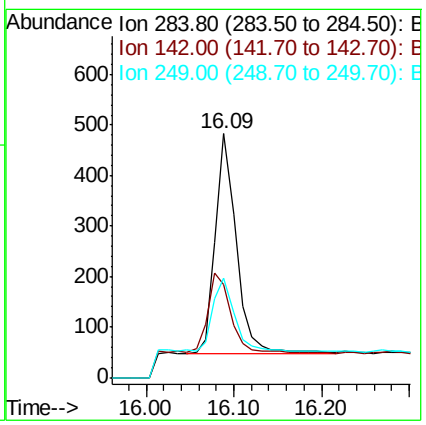


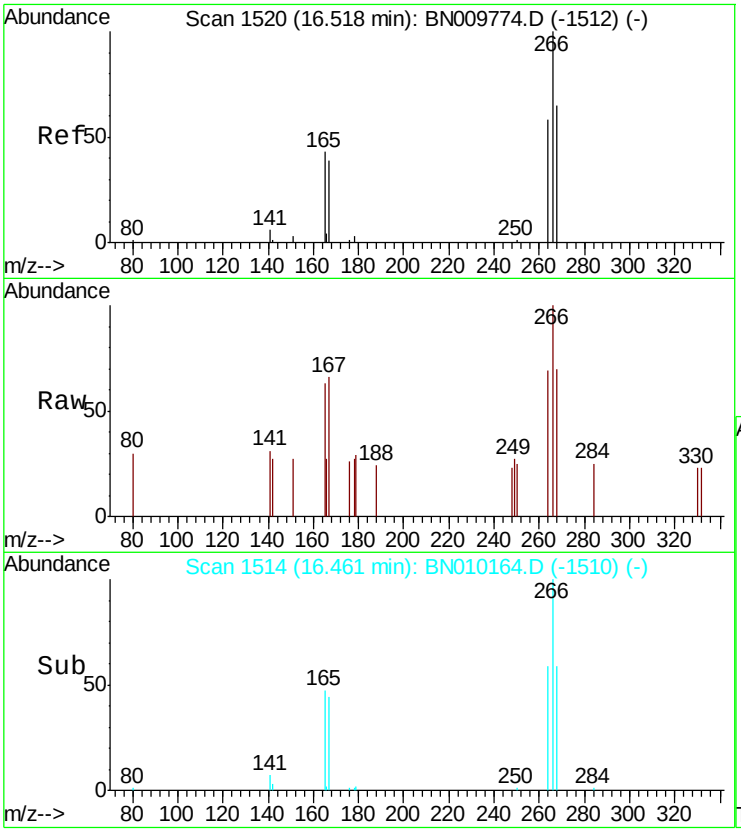


#21
Hexachlorobenzene
Concen: 0.357 ng
RT: 16.09 min Scan# 1479
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:284 Resp: 722

Ion	Ratio	Lower	Upper
284	100		
142	39.2	33.3	49.9
249	37.3	25.7	38.5



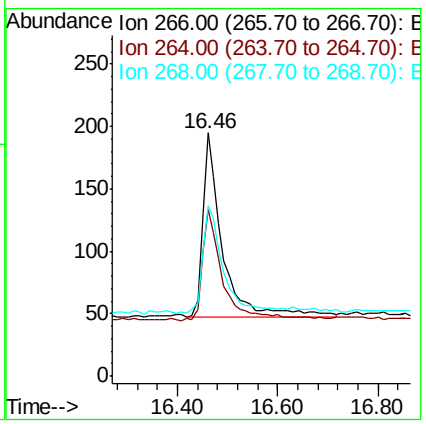


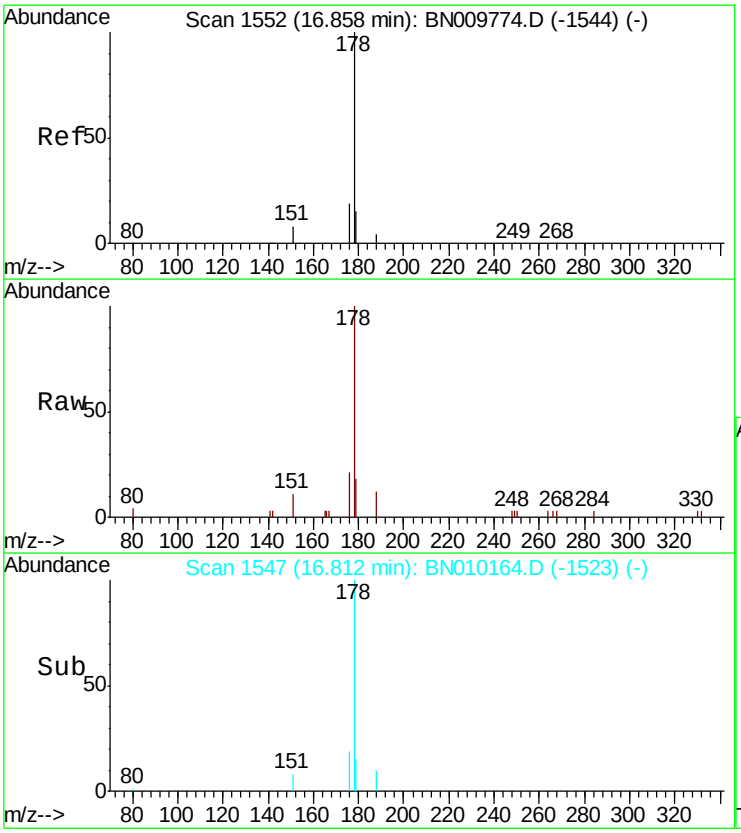
#22
Pentachlorophenol
Concen: 0.779 ng
RT: 16.46 min Scan# 1514
Delta R.T. -0.06 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:266 Resp: 407

Ion	Ratio	Lower	Upper
266	100		
264	68.7	58.1	87.1
268	70.3	65.7	98.5

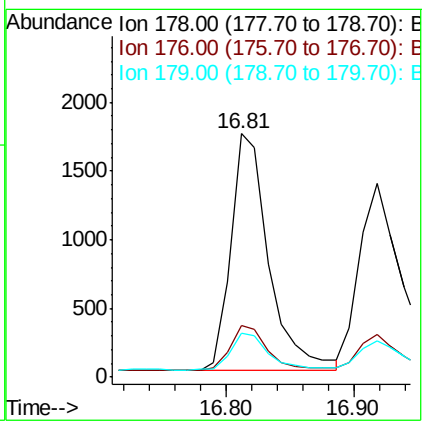


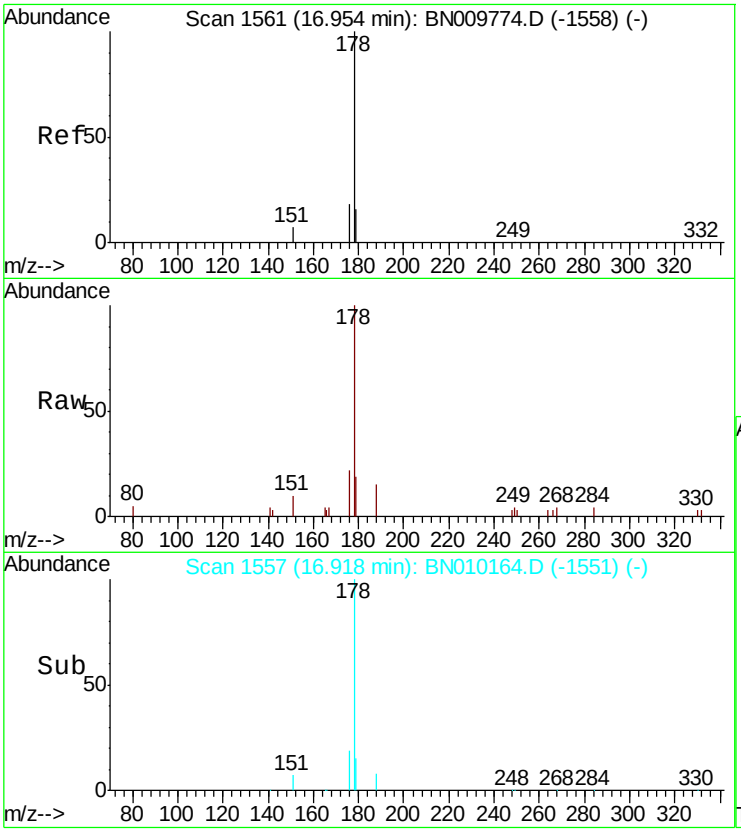


#23
Phenanthrene
Concen: 0.369 ng
RT: 16.81 min Scan# 1547
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:178 Resp: 3571

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.1	12.4	18.6



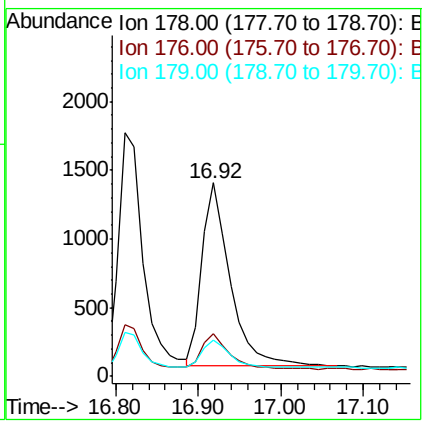


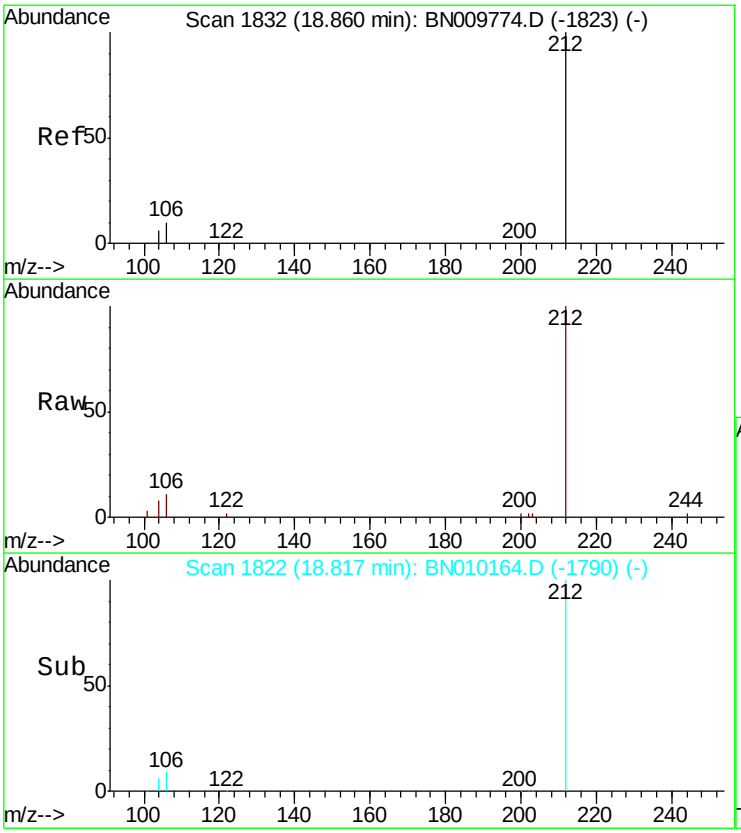
#24
Anthracene
Concen: 0.380 ng
RT: 16.92 min Scan# 1557
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:178 Resp: 3106

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	14.3	12.4	18.6

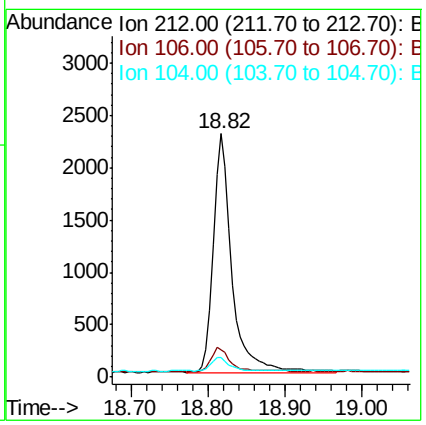


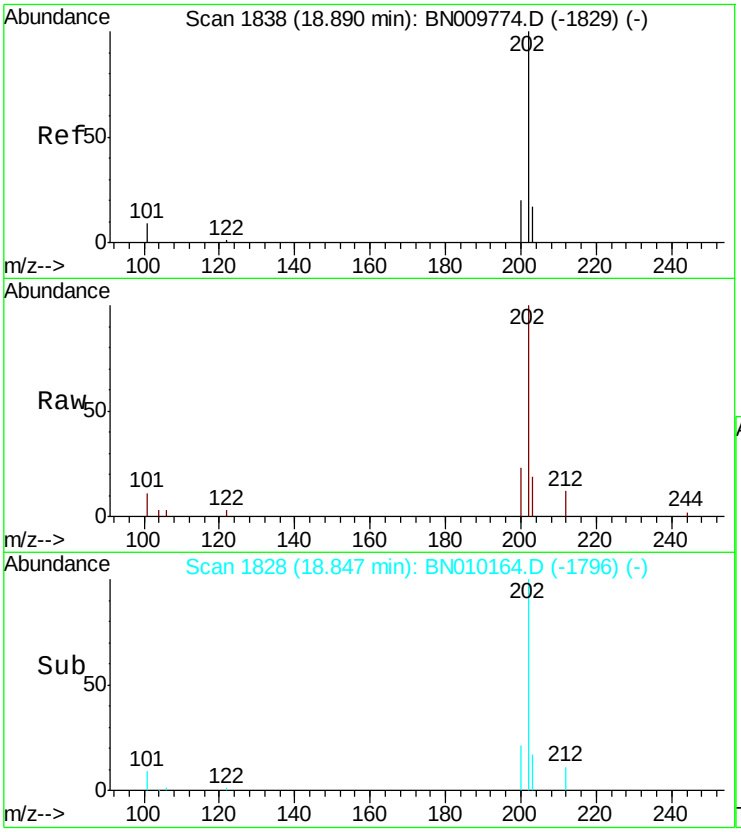


#25
Fluoranthene-d10
Concen: 0.338 ng
RT: 18.82 min Scan# 1822
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:212 Resp: 3803

Ion	Ratio	Lower	Upper
212	100		
106	11.0	8.4	12.6
104	6.3	4.8	7.2



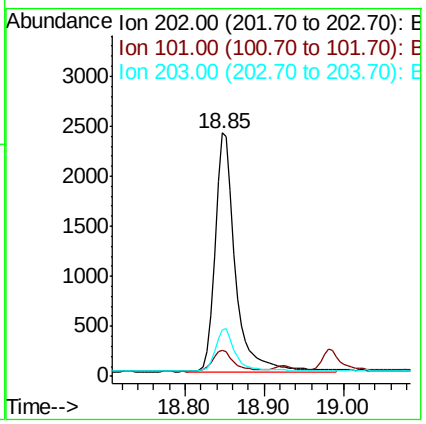


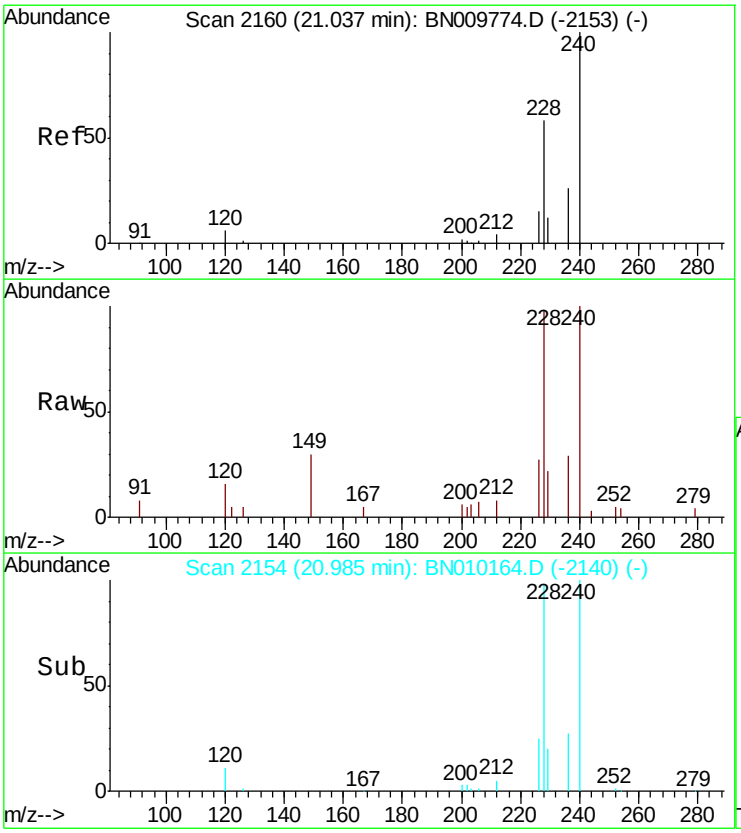
#26
Fluoranthene
Concen: 0.371 ng
RT: 18.85 min Scan# 1828
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:202 Resp: 4295

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.1	10.7
203	17.4	13.8	20.6

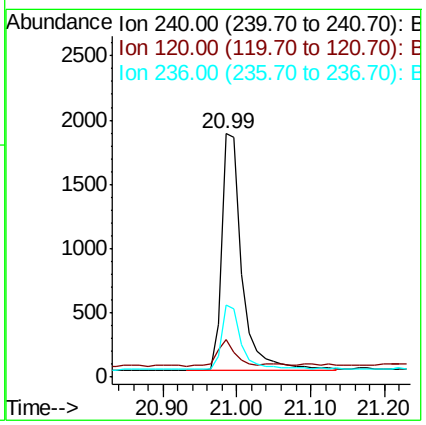


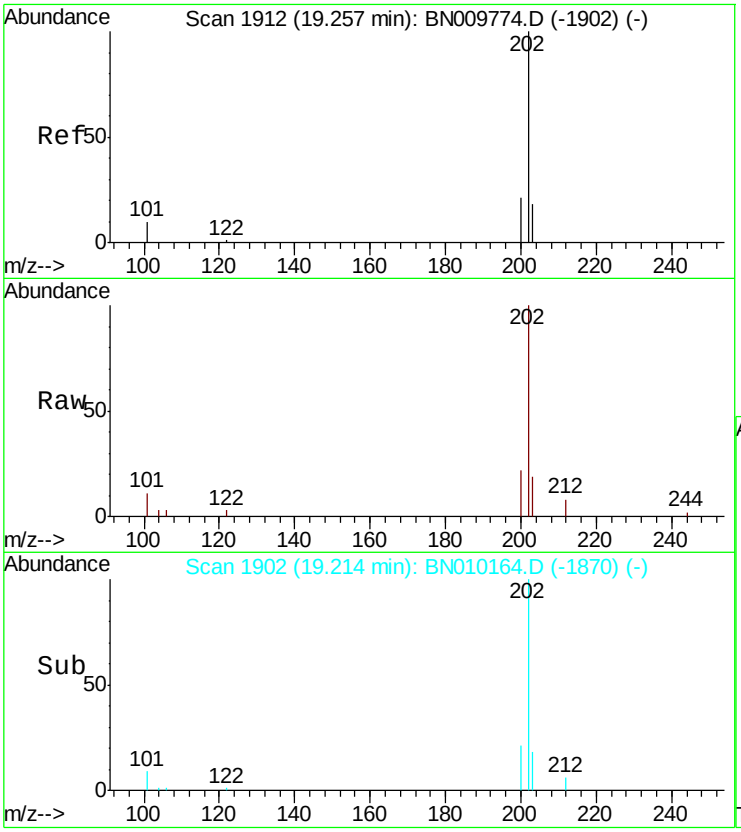


#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.99 min Scan# 2154
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:240 Resp: 3568

Ion	Ratio	Lower	Upper
240	100		
120	15.6	7.9	11.9#
236	29.4	22.0	33.0



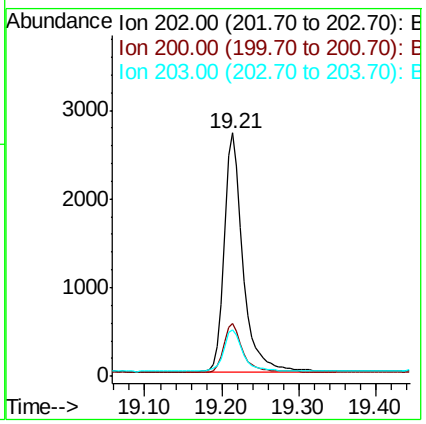


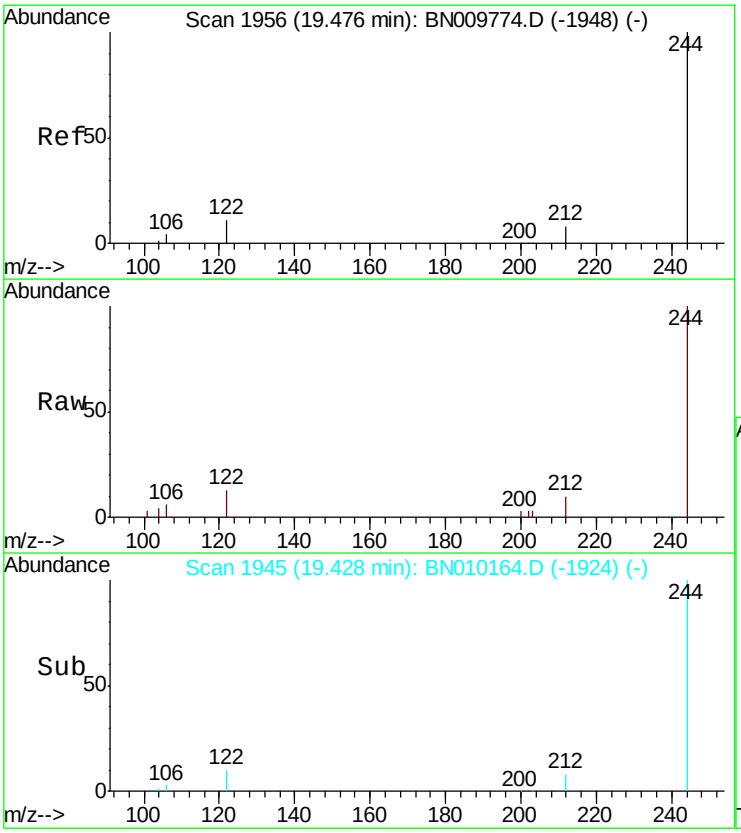
#28
Pyrene
Concen: 0.335 ng
RT: 19.21 min Scan# 1902
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:202 Resp: 4542

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.7	13.9	20.9

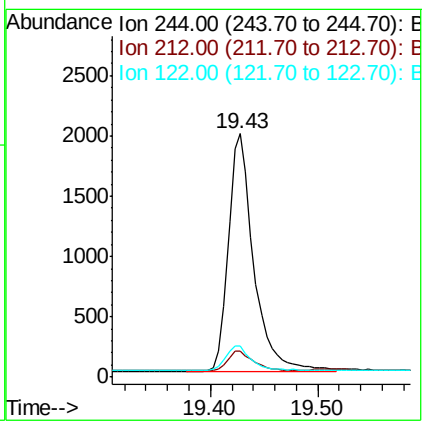


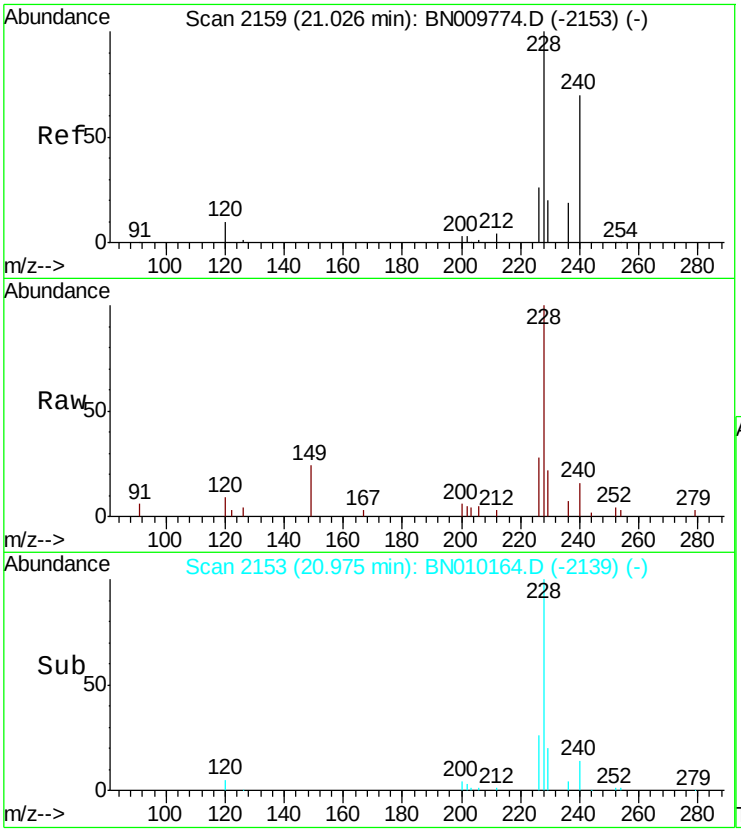


#29
Terphenyl-d14
Concen: 0.378 ng
RT: 19.43 min Scan# 1945
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:244 Resp: 3225

Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.0	12.0
122	12.7	10.0	15.0



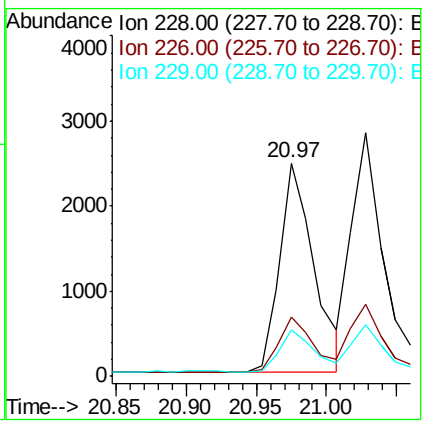


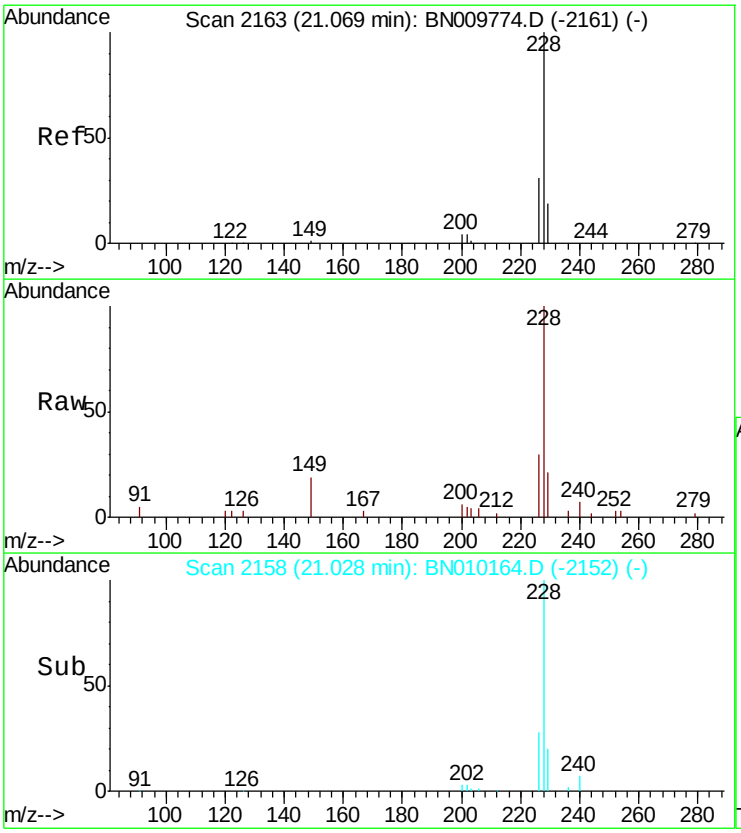
#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 20.97 min Scan# 2153
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:228 Resp: 4193

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.8	32.8
229	21.5	17.1	25.7

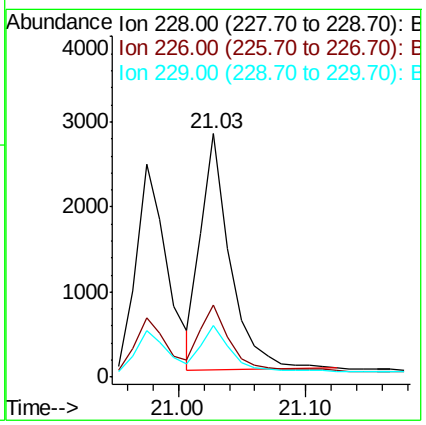


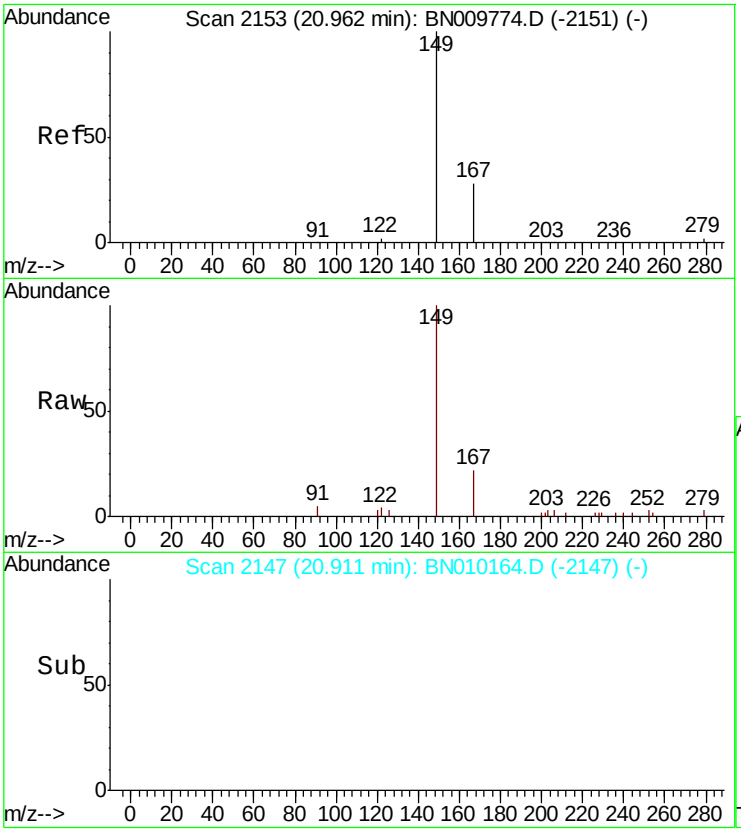


#31
Chrysene
Concen: 0.327 ng
RT: 21.03 min Scan# 2158
Delta R.T. -0.04 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:228 Resp: 4473

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.8	37.2
229	21.2	16.4	24.6



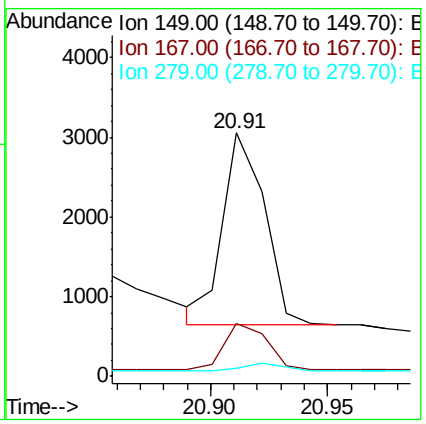


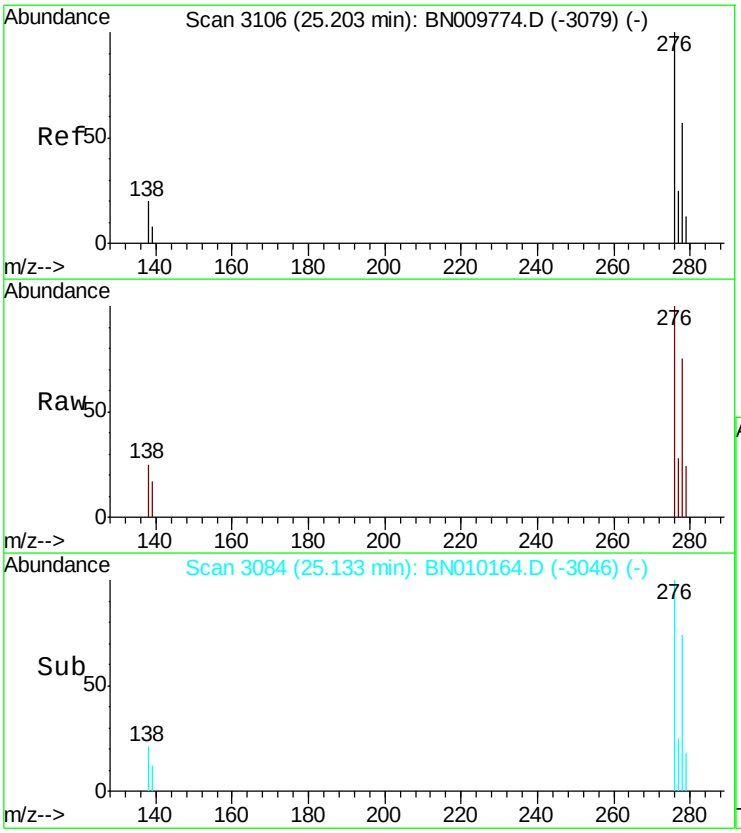
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.515 ng
RT: 20.91 min Scan# 2147
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:149 Resp: 2976

Ion	Ratio	Lower	Upper
149	100		
167	24.7	22.7	34.1
279	3.8	3.1	4.7

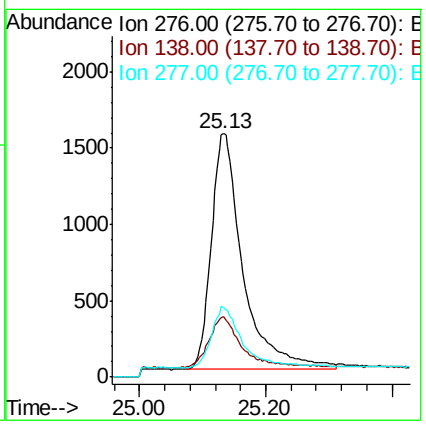


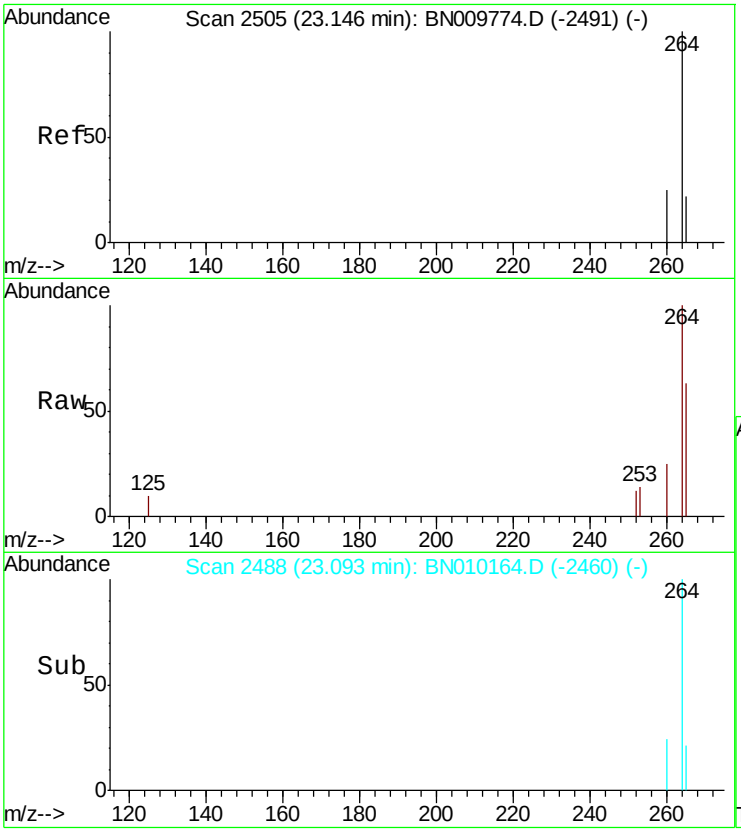


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng
RT: 25.13 min Scan# 3084
Delta R.T. -0.07 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:276 Resp: 5357

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.8	23.6
277	22.9	19.3	28.9



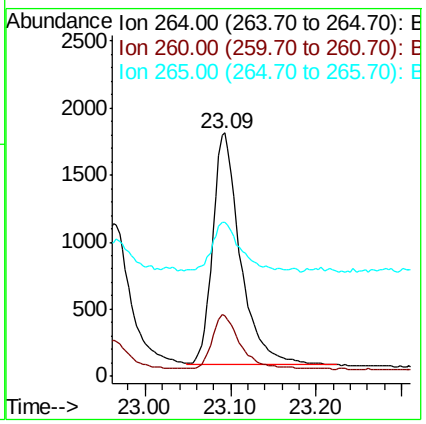


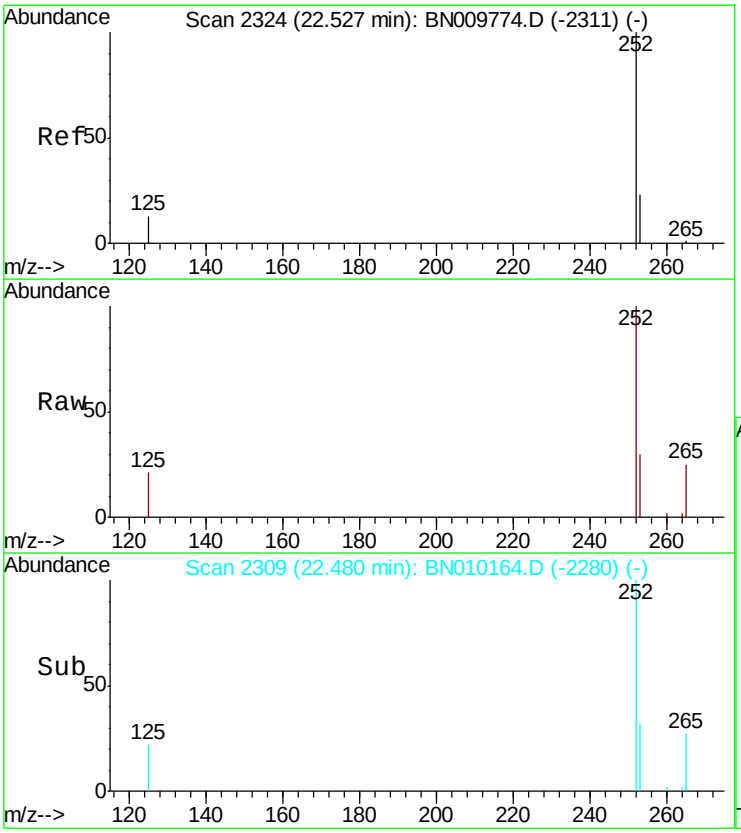
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.09 min Scan# 2488
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:264 Resp: 3898

Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.1	31.7
265	63.2	57.5	86.3

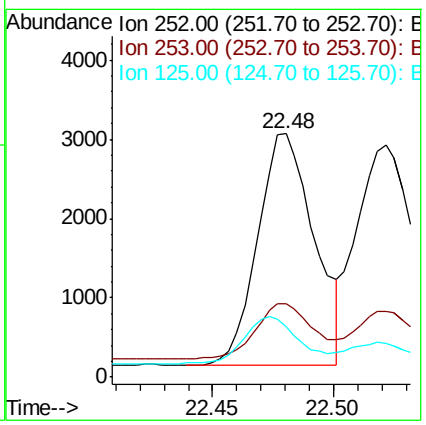


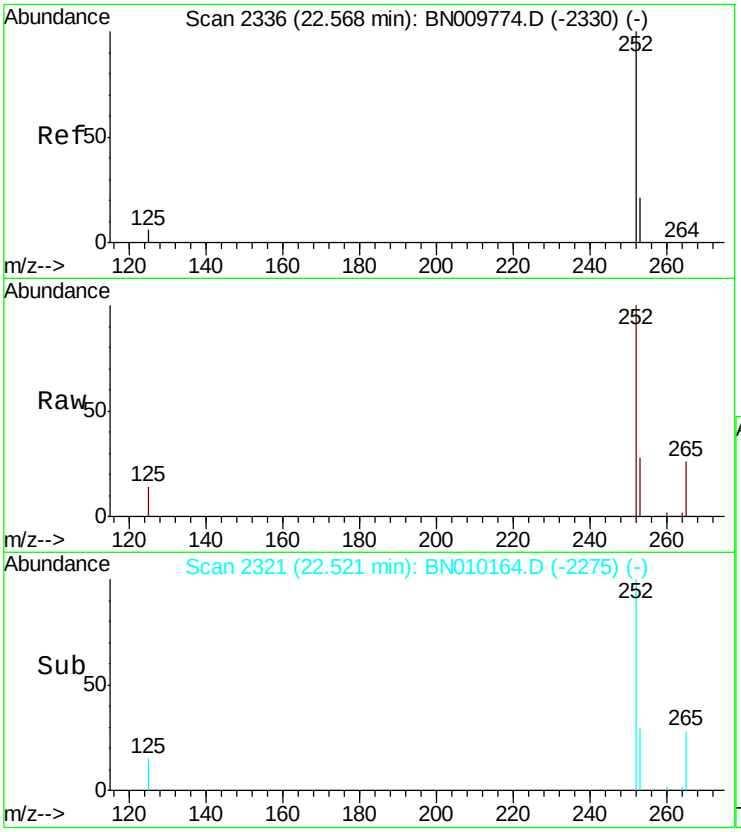


#35
Benzo(b)fluoranthene
Concen: 0.335 ng
RT: 22.48 min Scan# 2309
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:252 Resp: 4778

Ion	Ratio	Lower	Upper
252	100		
253	30.1	23.0	34.6
125	20.9	14.4	21.6



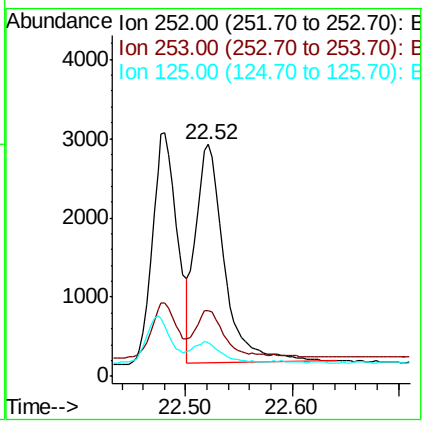


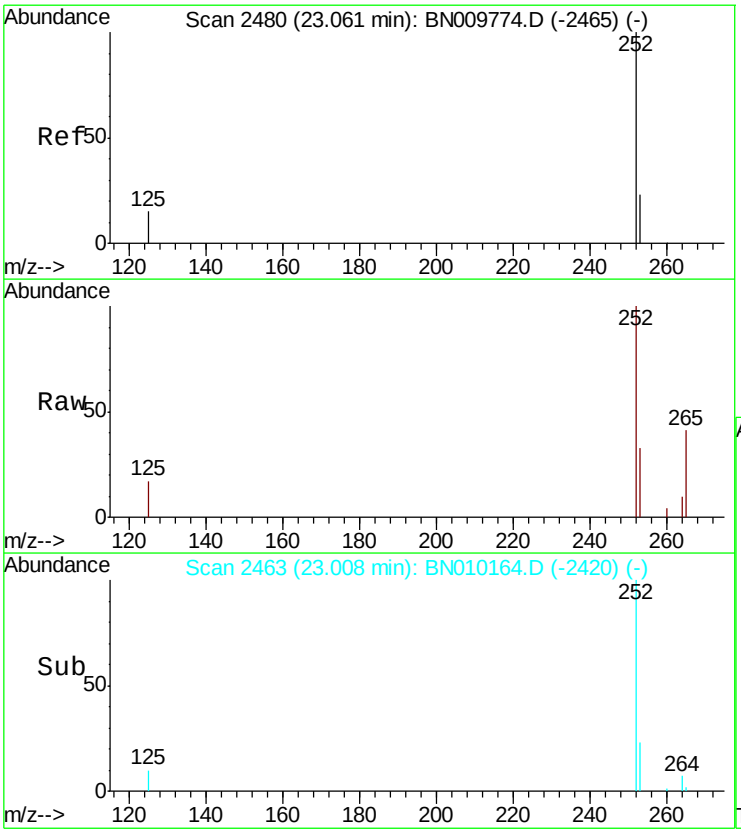
#36
Benzo(k)fluoranthene
Concen: 0.333 ng
RT: 22.52 min Scan# 2321
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:252 Resp: 5169

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.2	33.2
125	14.4	10.5	15.7

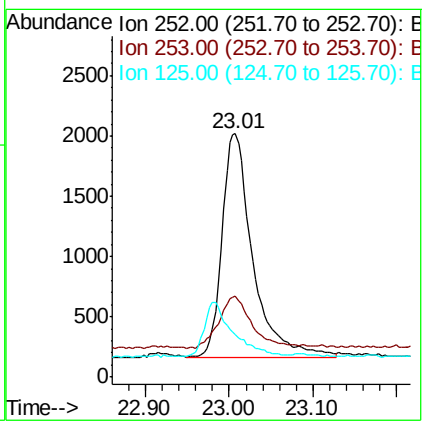


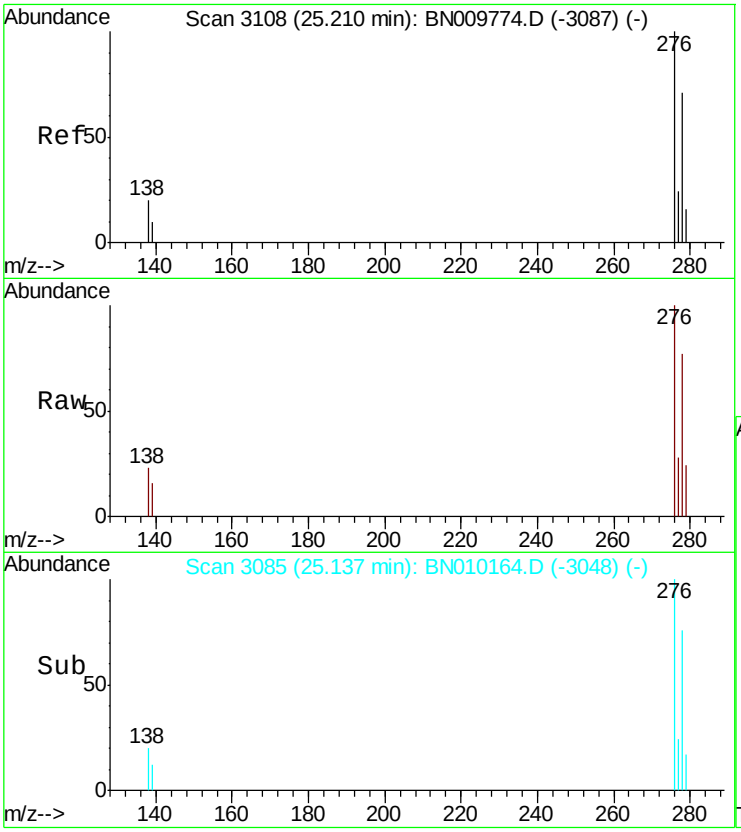


#37
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.01 min Scan# 2463
Delta R.T. -0.05 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:252 Resp: 4715

Ion	Ratio	Lower	Upper
252	100		
253	33.5	25.3	37.9
125	17.3	17.7	26.5#



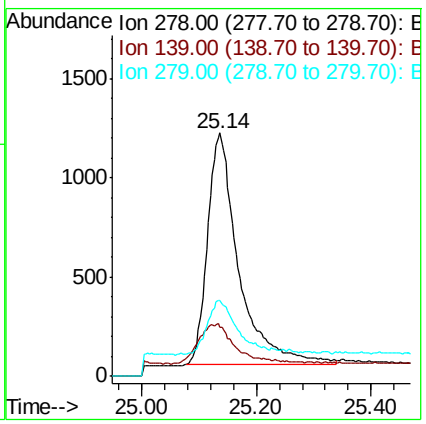


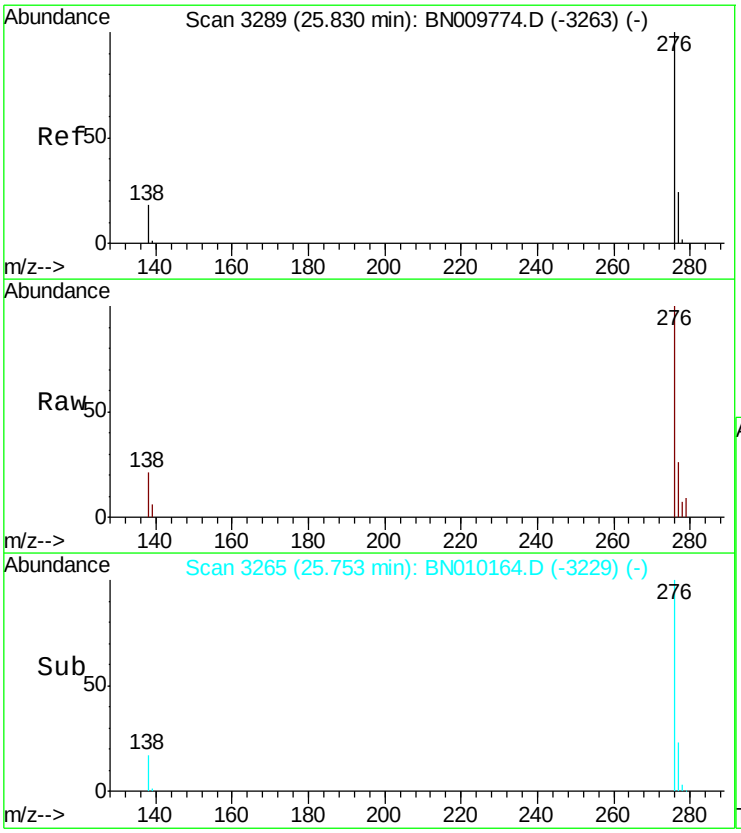
#38
Dibenzo(a,h)anthracene
Concen: 0.343 ng
RT: 25.14 min Scan# 3085
Delta R.T. -0.07 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
RE132D2-20200305MS

Tgt Ion:278 Resp: 4390

Ion	Ratio	Lower	Upper
278	100		
139	20.2	14.5	21.7
279	31.0	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 25.75 min Scan# 3265
Delta R.T. -0.08 min
Lab File: BN010164.D
Acq: 10 Mar 2020 16:44

Tgt Ion:276 Resp: 4751

Ion	Ratio	Lower	Upper
276	100		
277	26.3	21.4	32.0
138	20.9	16.6	24.8