Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010193.D
Acq On : 11 Mar 2020 15:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 12 07:15:05 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 Mar 11 17:37:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	931	0.40	ng		0.02
7) Naphthalene-d8	10.14	136	2248	0.40	ng		0.03
13) Acenaphthene-d10	14.01	164	1462	0.40	ng		0.01
19) Phenanthrene-d10	16.78	188	3245	0.40	ng		0.01
27) Chrysene-d12	21.00	240	3050	0.40	ng		0.01
34) Perylene-d12	23.10	264	3222	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.06	112	621	0.30	ng		0.02
5) Phenol-d6	6.68	99	931	0.37	ng		0.07
8) Nitrobenzene-d5	8.61	82	711	0.38	ng		0.05
11) 2-Methylnaphthalene-d10	11.75	152	1837	0.42	ng		0.02
14) 2,4,6-Tribromophenol	15.56	330	207	0.37	ng		0.02
15) 2-Fluorobiphenyl	12.65	172	2056	0.37	ng		0.02
25) Fluoranthene-d10	18.83	212	4147	0.37	ng		0.00
29) Terphenyl-d14	19.44	244	2697	0.37	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	291	0.305	ng		90
3) n-Nitrosodimethylamine	3.36	42	43	0.027	ng	#	1
6) bis(2-Chloroethyl)ether	6.87	93	798	0.326	ng	#	70
9) Naphthalene	10.19	128	2486	0.405	ng	#	93
10) Hexachlorobutadiene	10.43	225	591	0.438	ng	#	98
12) 2-Methylnaphthalene	11.83	142	1743	0.415	ng		96
16) Acenaphthylene	13.73	152	2369	0.380	ng		98
17) Acenaphthene	14.08	154	1781	0.406	ng		97
18) Fluorene	15.08	166	2134	0.369	ng		99
20) 4-Bromophenyl-phenylether	16.01	248	439	0.120	ng		93
21) Hexachlorobenzene	16.09	284	800	0.396	ng		98
22) Pentachlorophenol	16.49	266	165	0.422	ng		94
23) Phenanthrene	16.83	178	3697	0.383	ng		99
24) Anthracene	16.94	178	3028	0.371	ng		99
26) Fluoranthene	18.85	202	4206	0.364	ng		99
28) Pyrene	19.22	202	4310	0.372	ng		99
30) Benzo(a)anthracene	20.99	228	3661	0.362	ng		99
31) Chrysene	21.04	228	4888	0.417	ng		98
32) Bis(2-ethylhexyl)phthalate	20.92	149	1918	0.388	ng		98
33) Indeno(1,2,3-cd)pyrene	25.14	276	4992	0.409	ng		96
35) Benzo(b)fluoranthene	22.49	252	4415	0.375	ng	#	97
36) Benzo(k)fluoranthene	22.53	252	5492	0.428	ng		98
37) Benzo(a)pyrene	23.02	252	4088	0.380	ng	#	93
38) Dibenzo(a,h)anthracene	25.15	278	3780	0.357	ng		96
39) Benzo(g,h,i)perylene	25.76	276	4529	0.402	ng		98

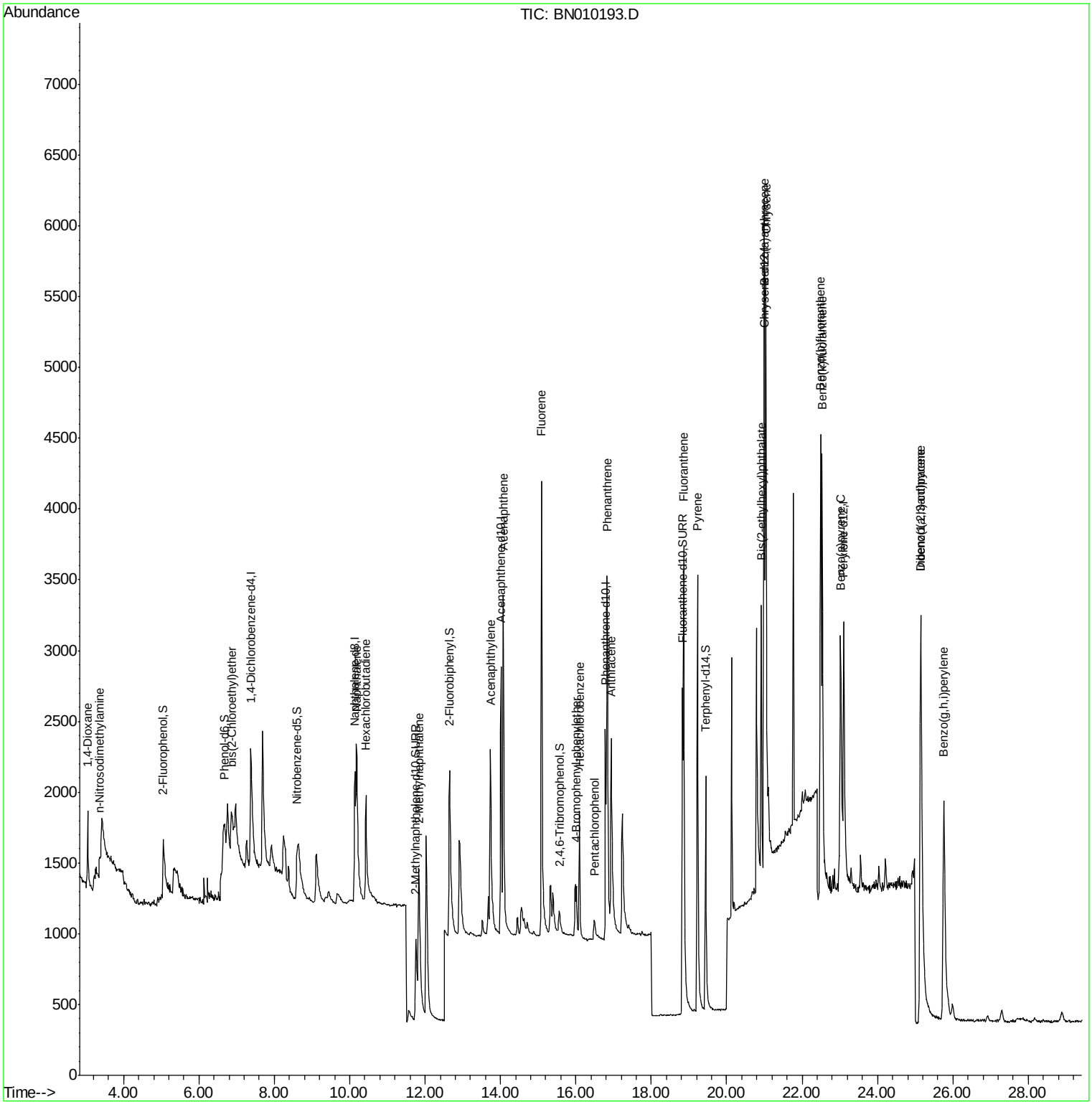
(#) = qualifier out of range (m) = manual integration (+) = signals summed

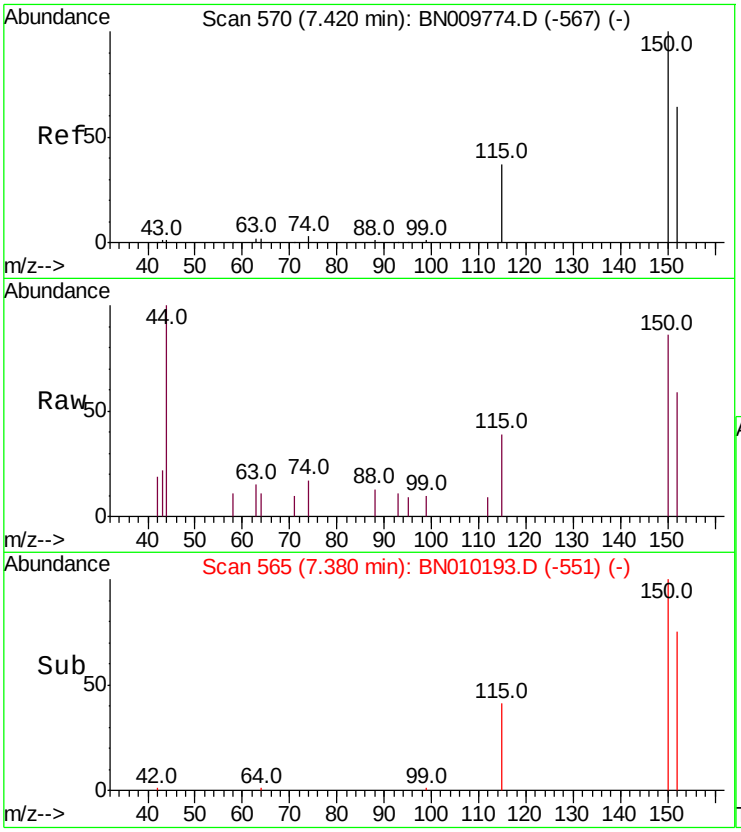
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031120\
Data File : BN010193.D
Acq On : 11 Mar 2020 15:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 12 07:15:05 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 Mar 11 17:37:44 2020
Response via : Initial Calibration



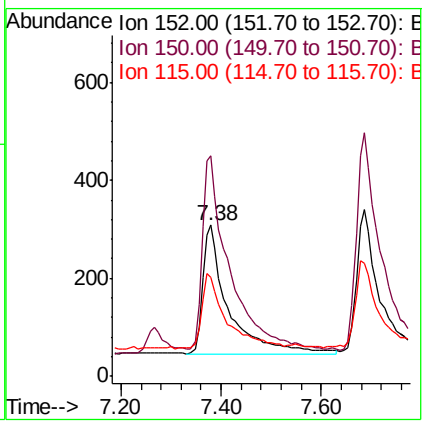


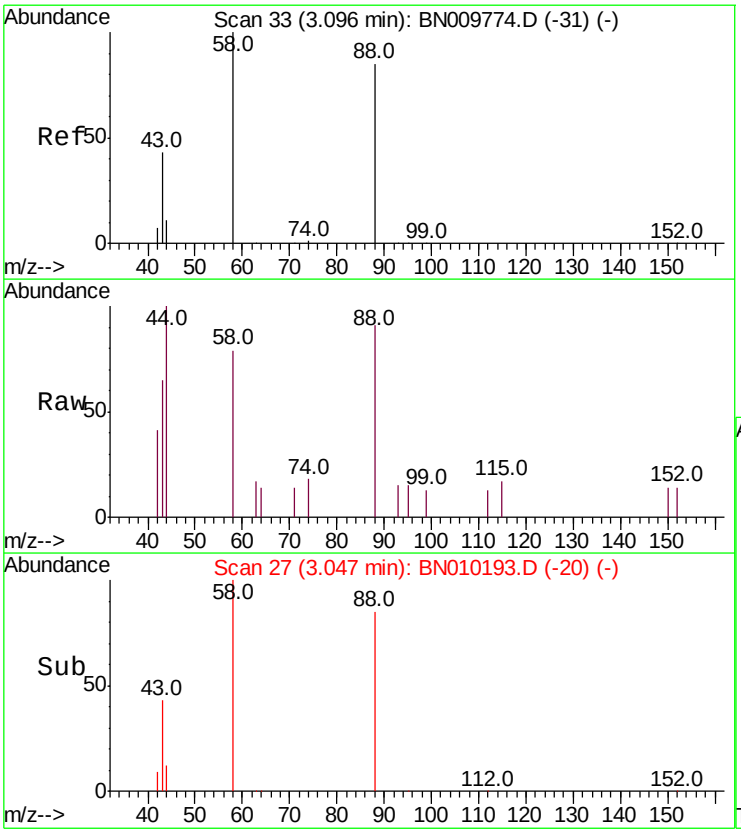
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 565
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 931

Ion	Ratio	Lower	Upper
152	100		
150	145.6	120.6	181.0
115	65.7	51.2	76.8

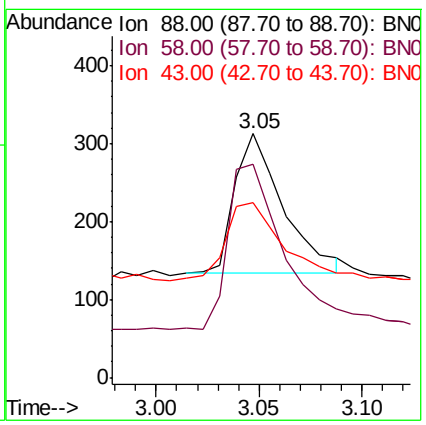


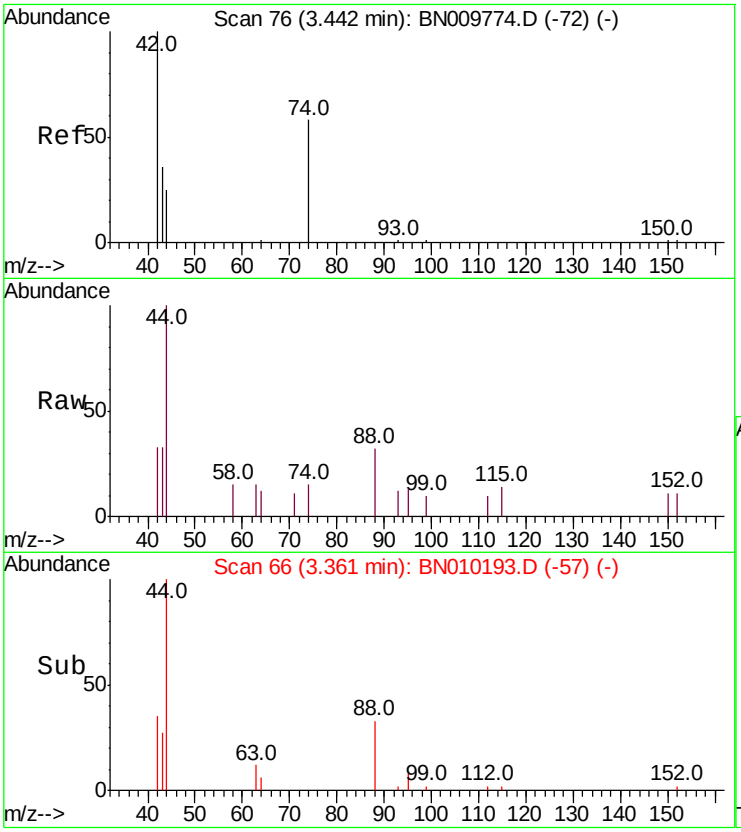


#2
1,4-Dioxane
Concen: 0.305 ng
RT: 3.05 min Scan# 27
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion: 88 Resp: 291

Ion	Ratio	Lower	Upper
88	100		
58	135.7	97.8	146.8
43	61.2	45.1	67.7



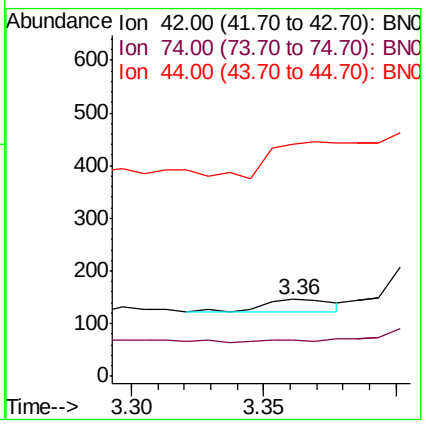


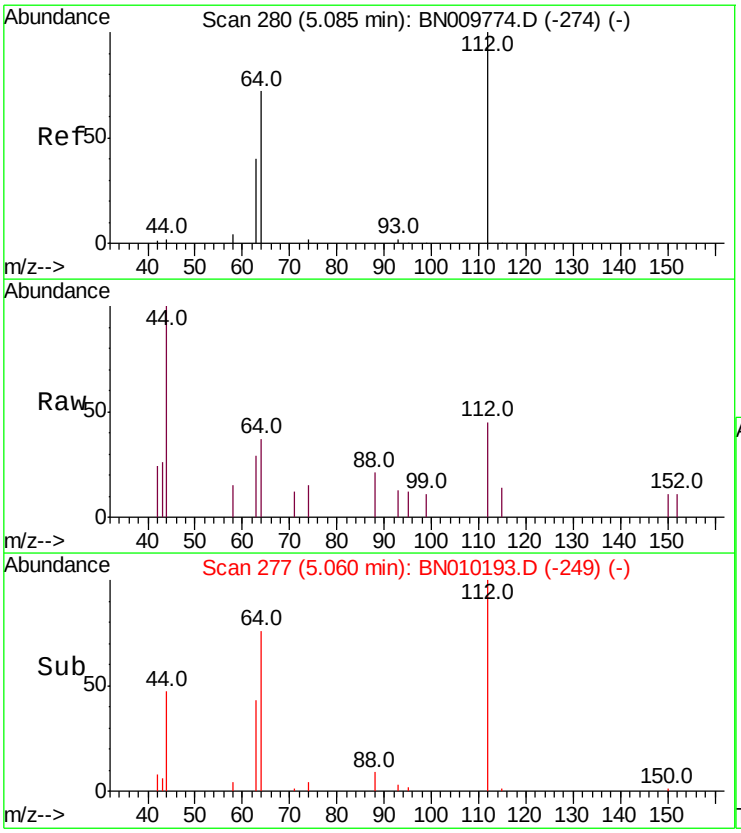
#3
n-Nitrosodimethylamine
Concen: 0.027 ng
RT: 3.36 min Scan# 66
Delta R.T. -0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 43

Ion	Ratio	Lower	Upper
42	100		
74	0.0	51.2	76.8#
44	272.1	2.6	4.0#

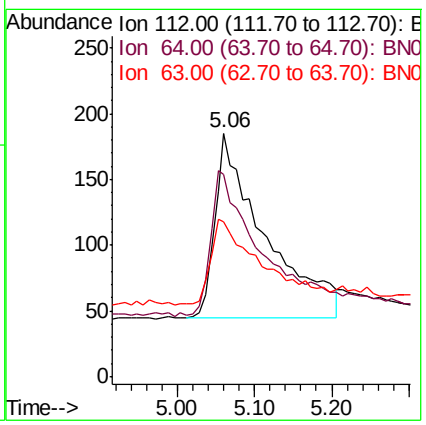


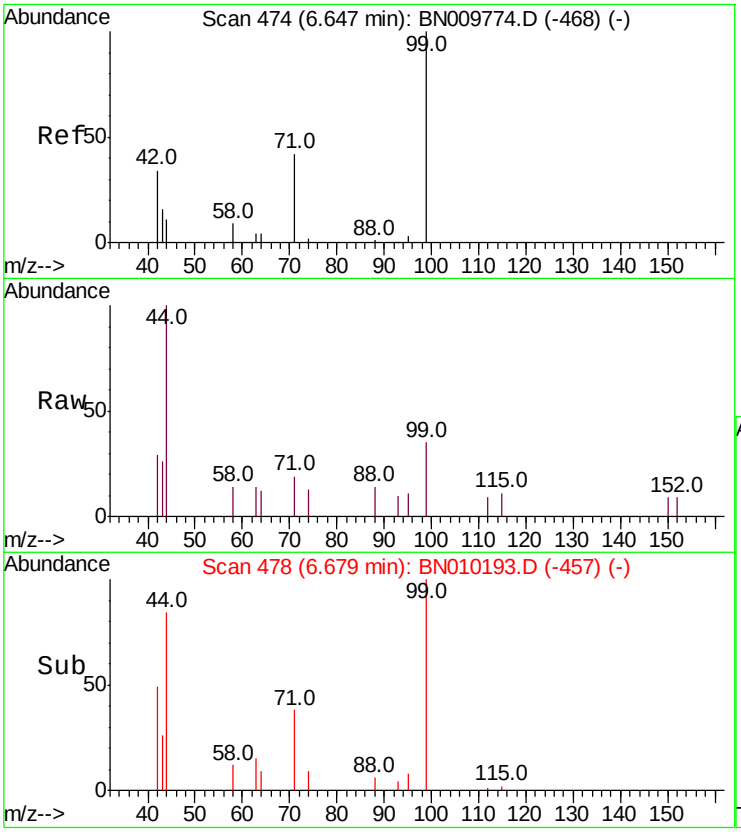


#4
2-Fluorophenol
Concen: 0.300 ng
RT: 5.06 min Scan# 277
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:112 Resp: 621

Ion	Ratio	Lower	Upper
112	100		
64	84.7	65.8	98.6
63	48.8	38.7	58.1



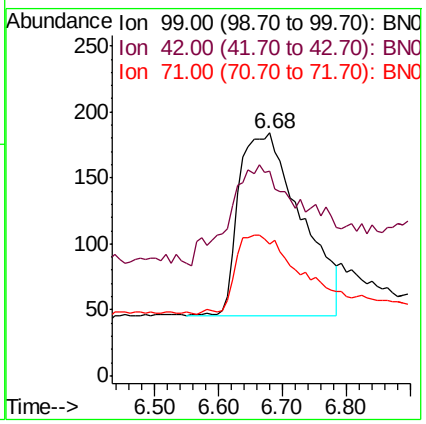


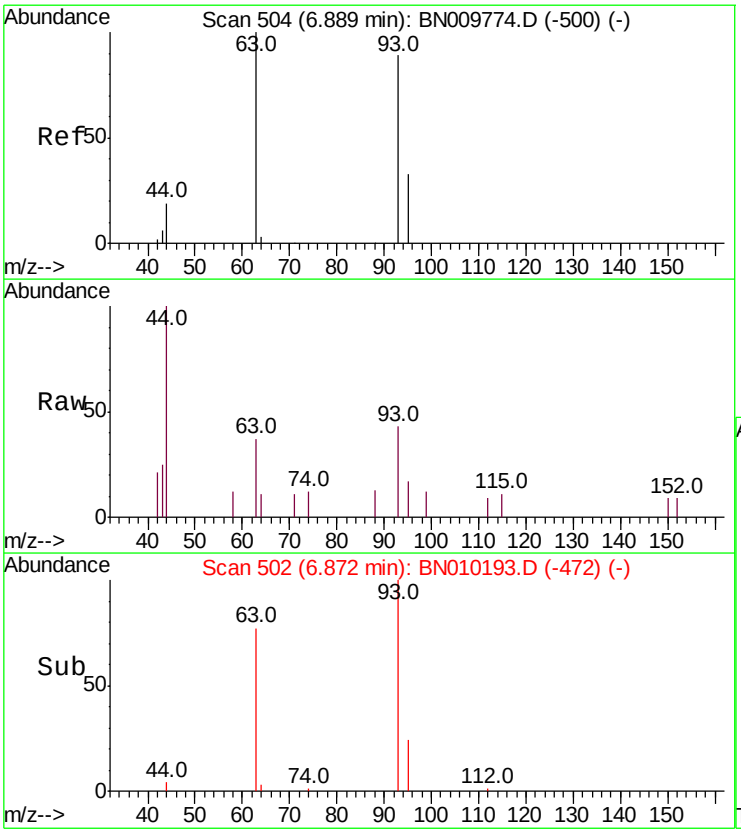
#5
Phenol-d6
Concen: 0.370 ng
RT: 6.68 min Scan# 478
Delta R.T. 0.07 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 931

Ion	Ratio	Lower	Upper
99	100		
42	0.0	30.8	46.2#
71	0.0	34.9	52.3#

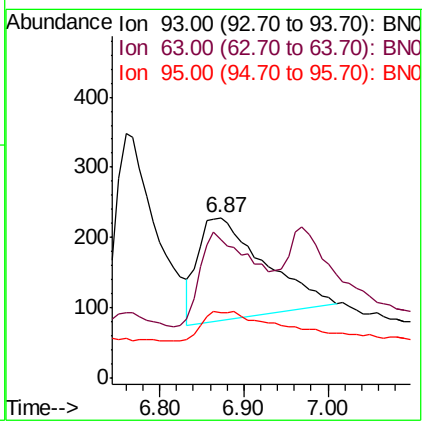


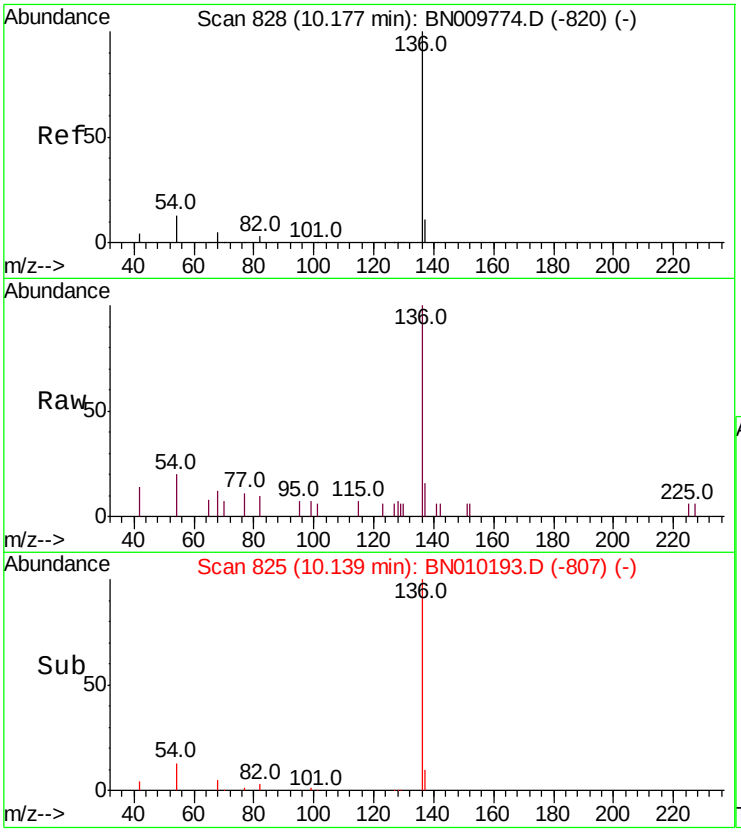


#6
bis(2-Chloroethyl)ether
Concen: 0.326 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.04 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion: 93 Resp: 798

Ion	Ratio	Lower	Upper
93	100		
63	73.3	74.0	111.0#
95	0.0	26.7	40.1#



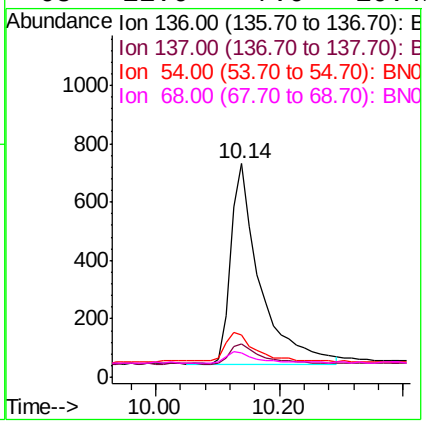


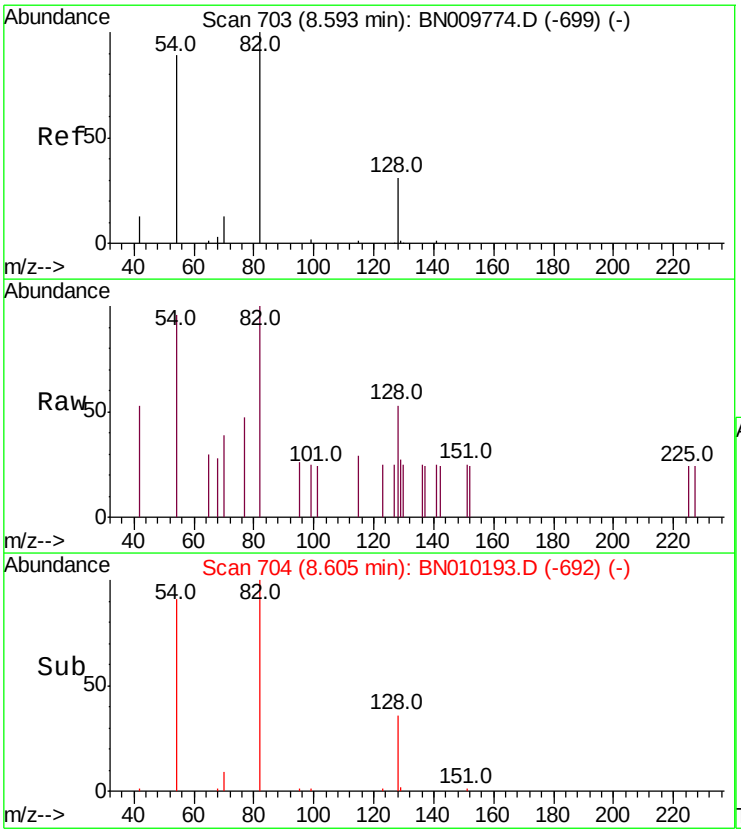
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 825
Delta R.T. 0.03 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 2248

Ion	Ratio	Lower	Upper
136	100		
137	15.7	11.3	16.9
54	19.7	13.4	20.2
68	11.6	7.0	10.4#

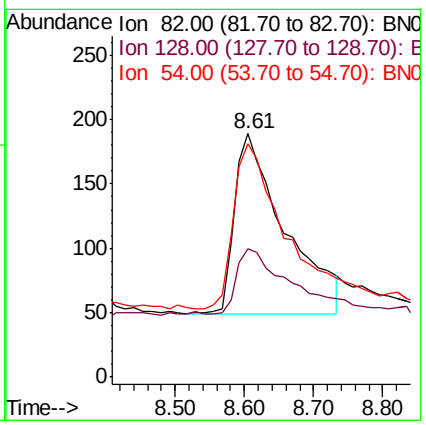


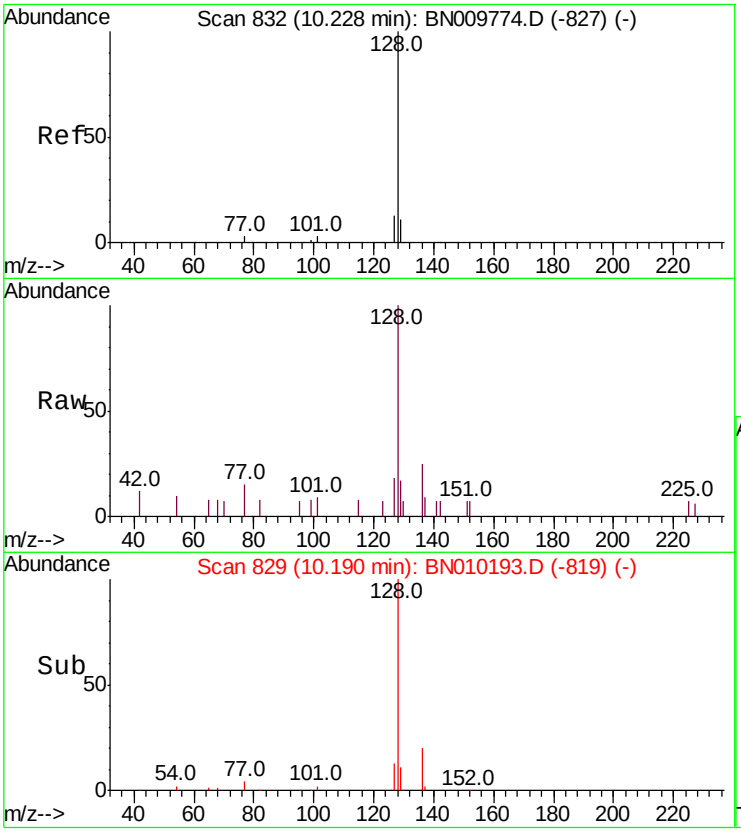


#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.61 min Scan# 704
Delta R.T. 0.05 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion: 82 Resp: 711

Ion	Ratio	Lower	Upper
82	100		
128	52.9	32.5	48.7#
54	95.8	73.5	110.3



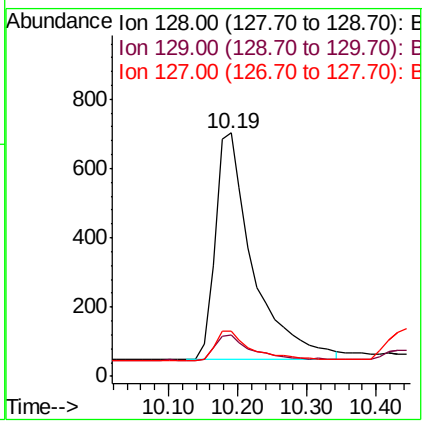


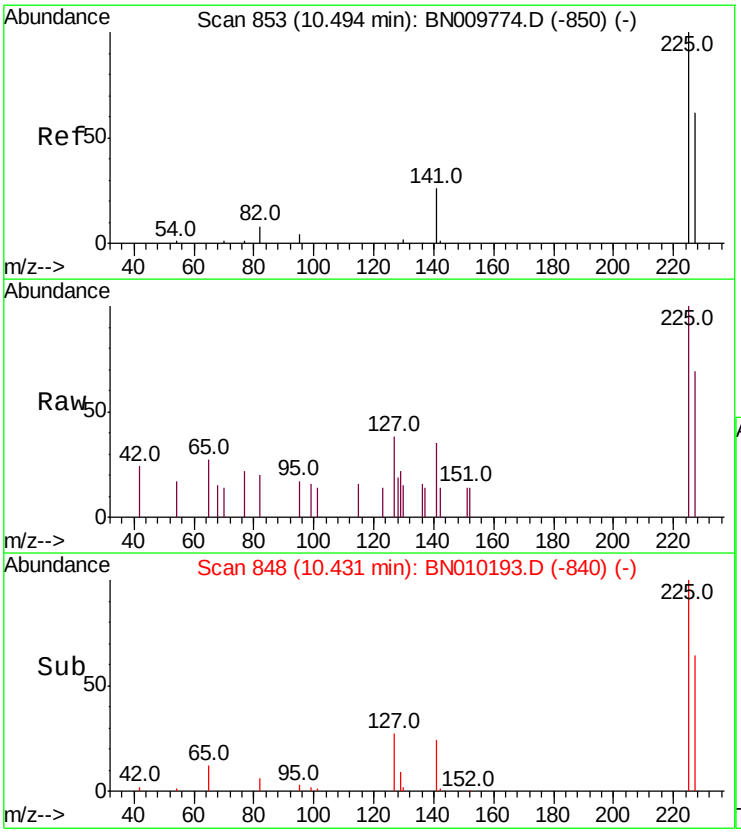
#9
Naphthalene
Concen: 0.405 ng
RT: 10.19 min Scan# 829
Delta R.T. 0.03 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 2486

Ion	Ratio	Lower	Upper
128	100		
129	16.8	11.1	16.7#
127	18.3	12.6	19.0

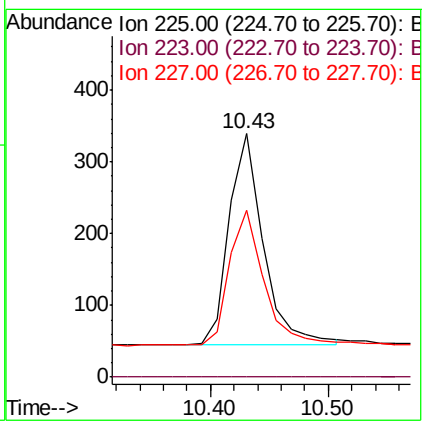


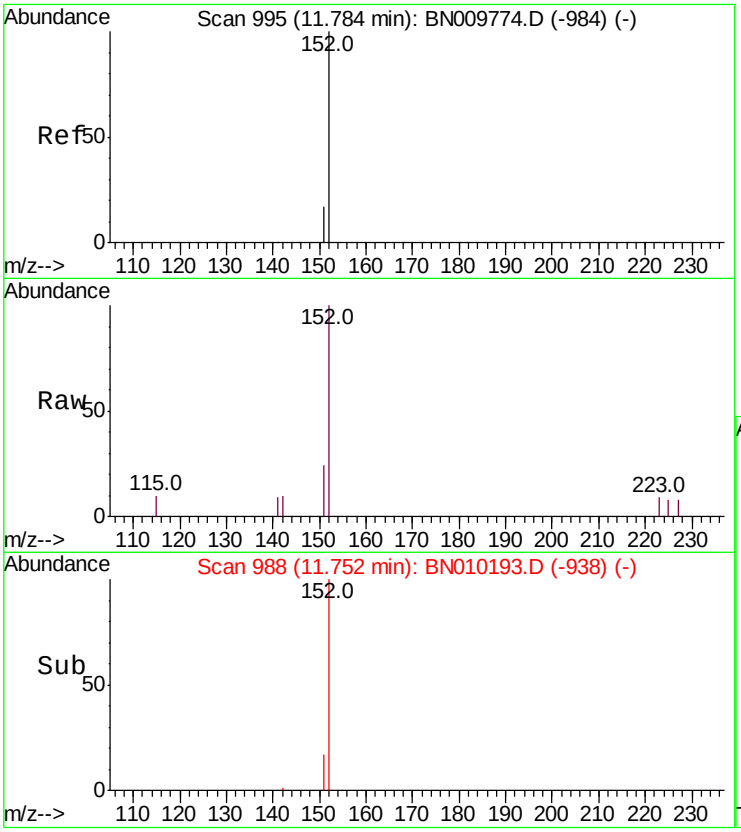


#10
Hexachlorobutadiene
Concen: 0.438 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:225 Resp: 591

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	53.4	80.2



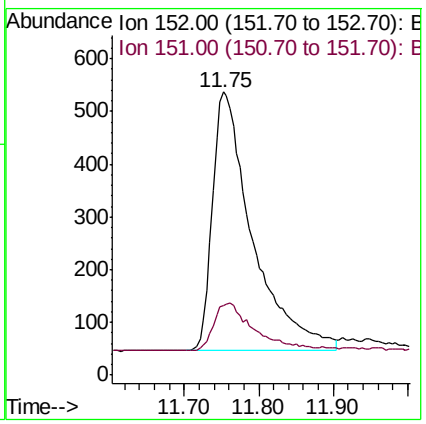


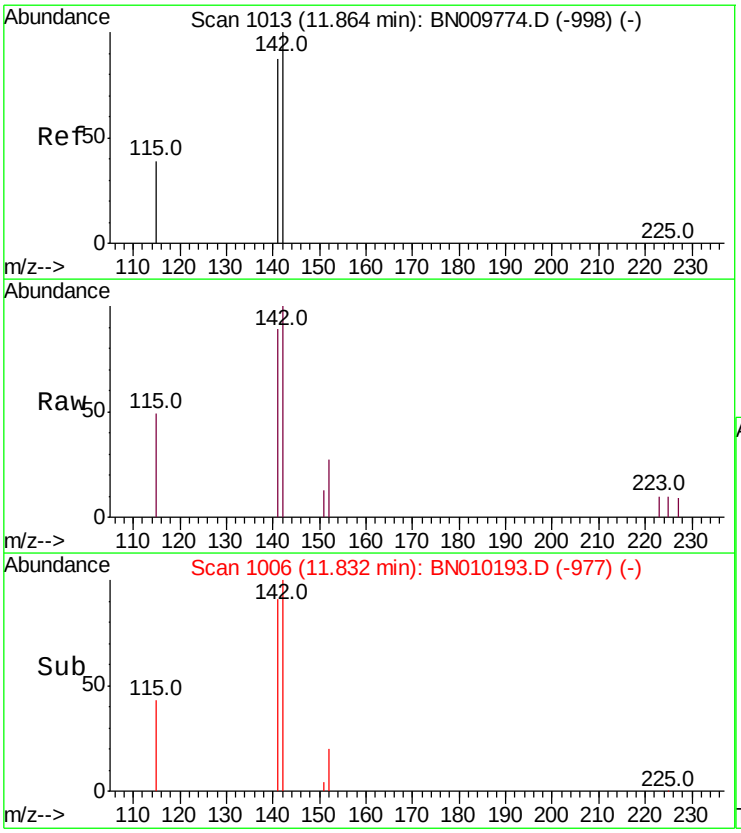
#11
2-Methylnaphthalene-d10
Concen: 0.422 ng
RT: 11.75 min Scan# 988
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1837

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

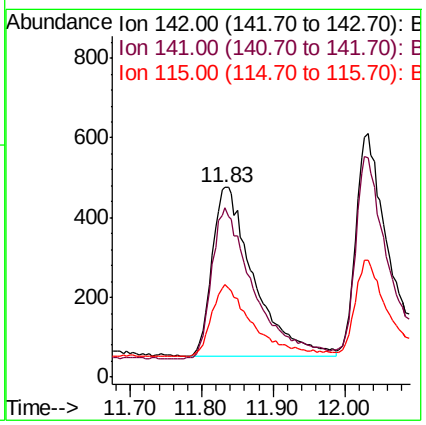


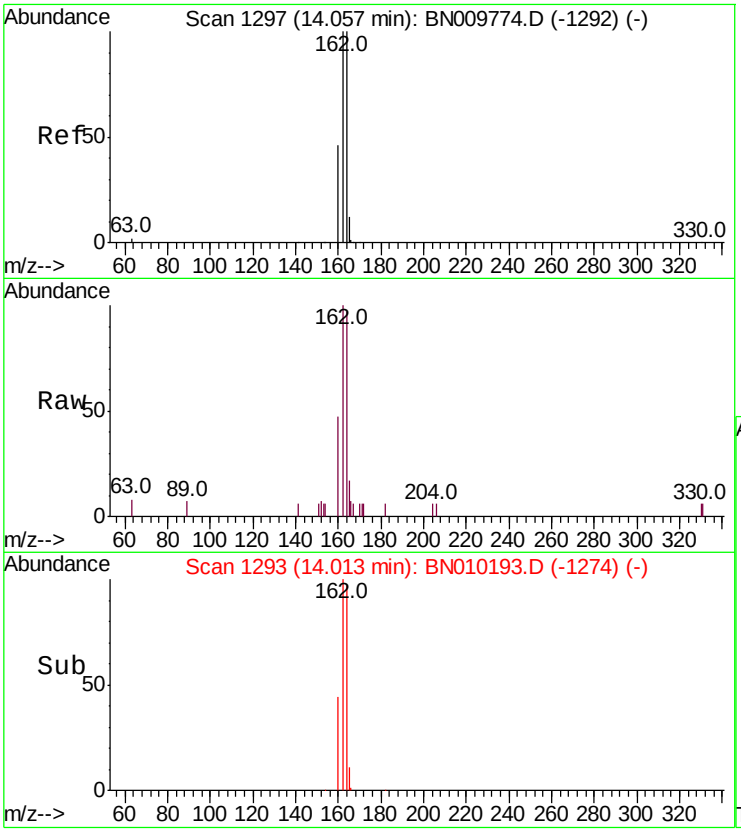


#12
2-Methylnaphthalene
Concen: 0.415 ng
RT: 11.83 min Scan# 1006
Delta R.T. 0.03 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:142 Resp: 1743

Ion	Ratio	Lower	Upper
142	100		
141	89.3	69.8	104.6
115	48.9	34.6	52.0



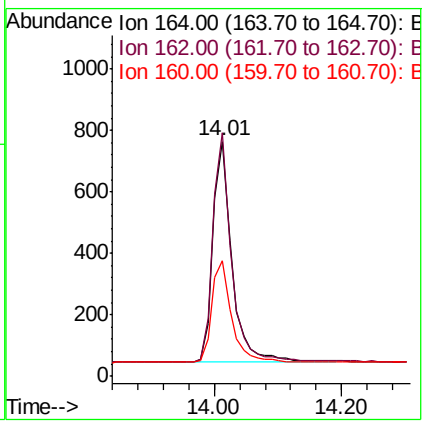


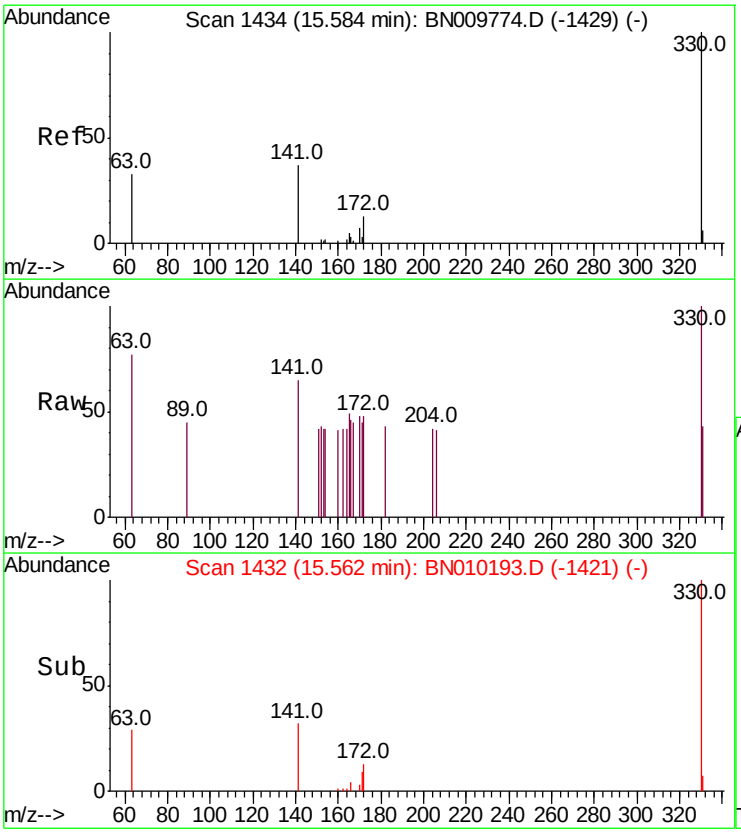
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 1462

Ion	Ratio	Lower	Upper
164	100		
162	103.5	79.9	119.9
160	49.0	38.2	57.2

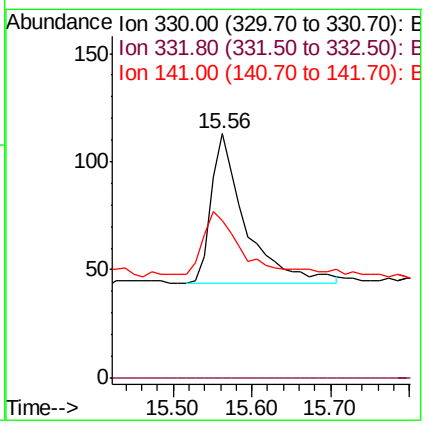


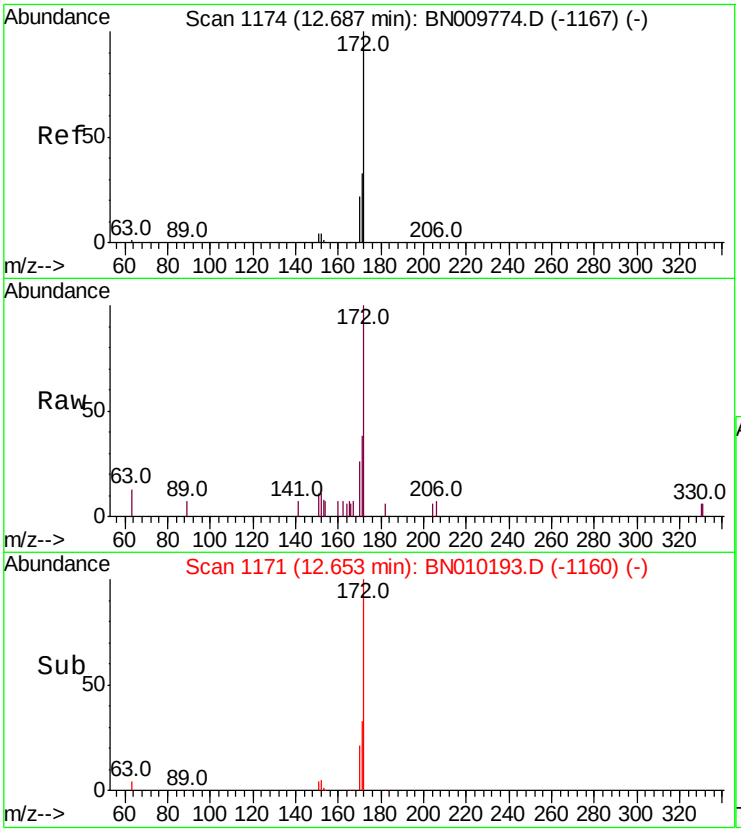


#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.56 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:330 Resp: 207

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.9	36.8	55.2



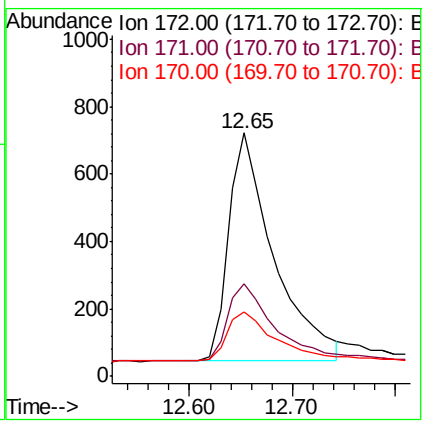


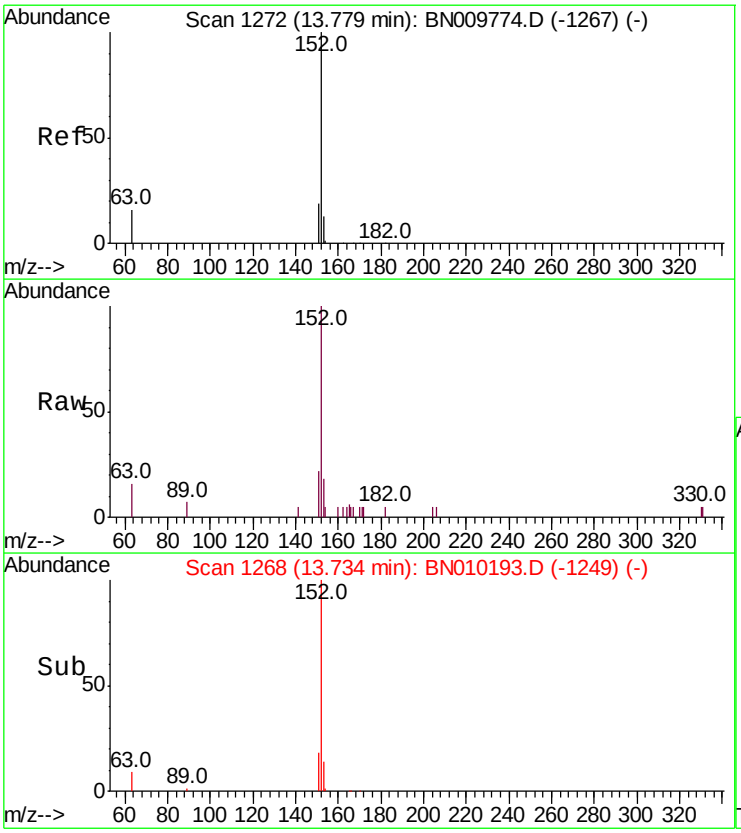
#15
2-Fluorobiphenyl
Concen: 0.373 ng
RT: 12.65 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 2056

Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.7	43.1
170	26.2	20.1	30.1

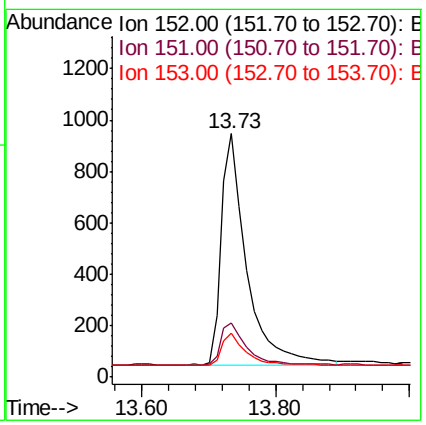


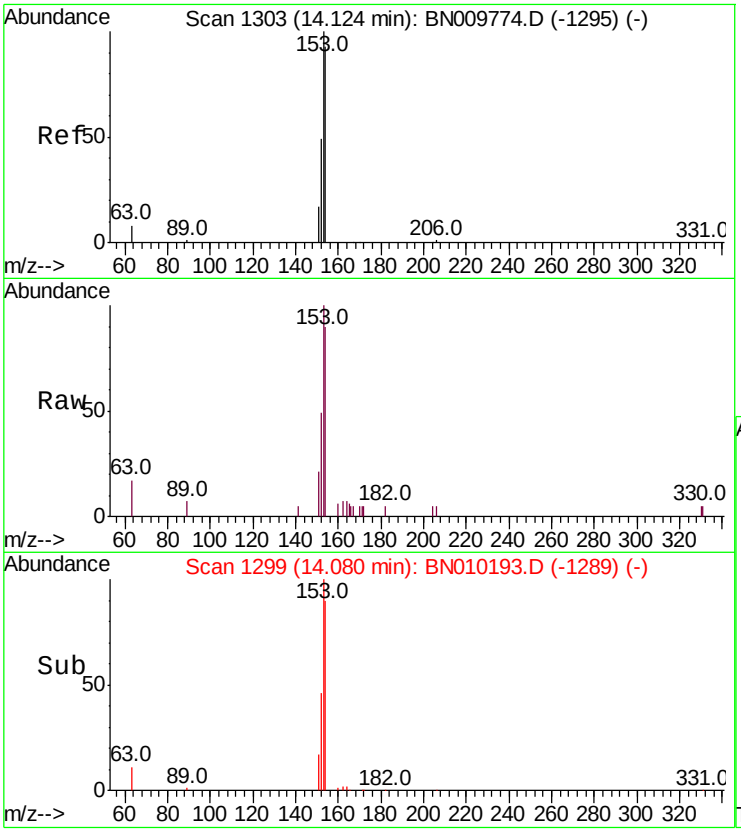


#16
Acenaphthylene
Concen: 0.380 ng
RT: 13.73 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:152 Resp: 2369

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	13.4	10.2	15.4



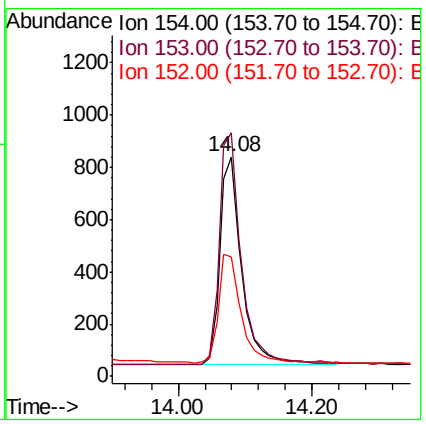


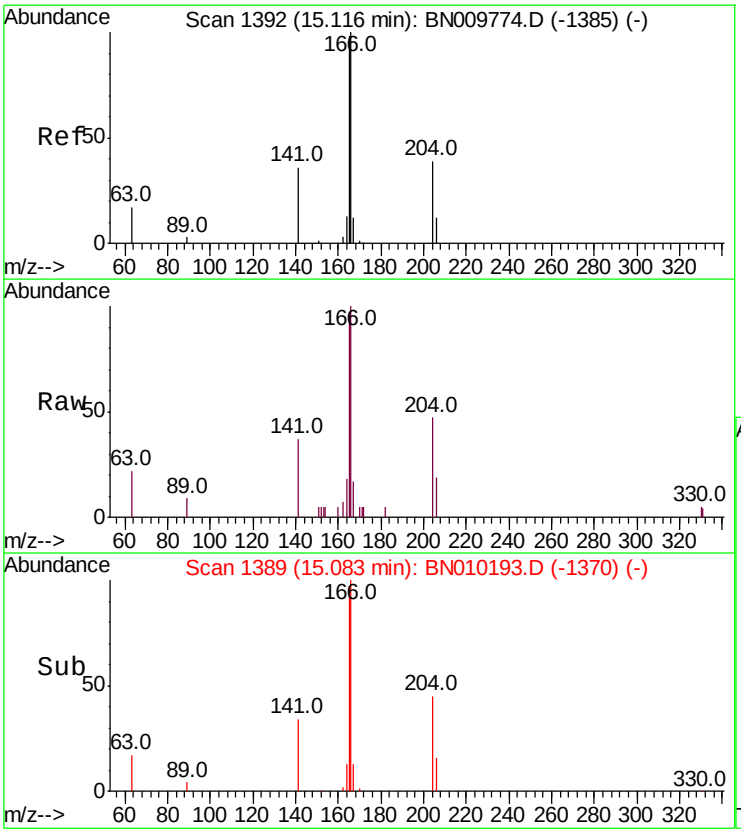
#17
Acenaphthene
Concen: 0.406 ng
RT: 14.08 min Scan# 1299
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 1781

Ion	Ratio	Lower	Upper
154	100		
153	114.6	88.9	133.3
152	54.1	44.2	66.2

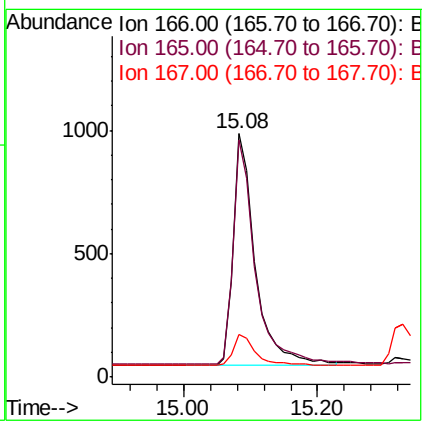


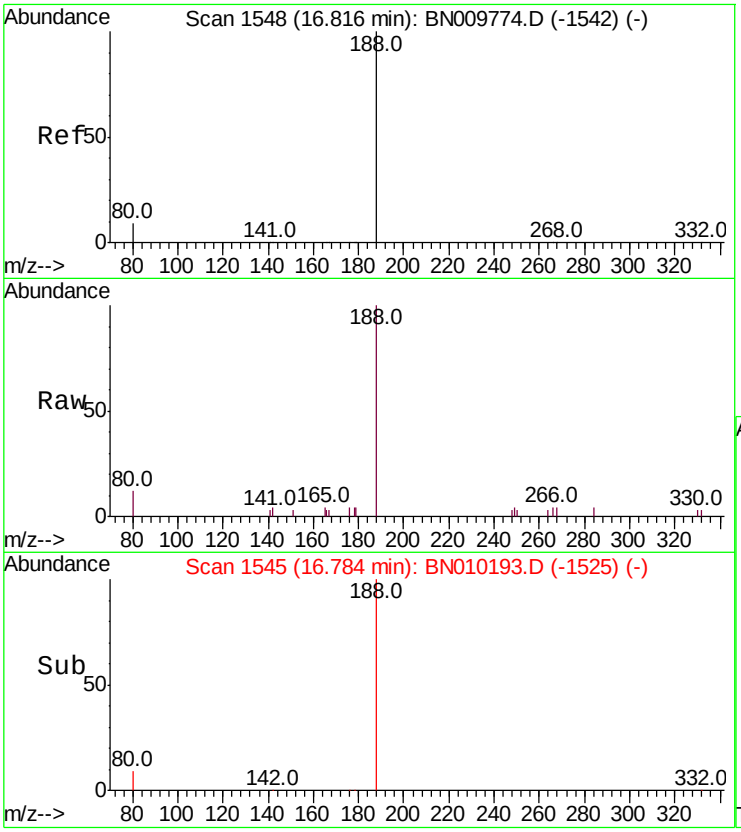


#18
Fluorene
Concen: 0.369 ng
RT: 15.08 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:166 Resp: 2134

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.2	115.8
167	14.0	10.5	15.7



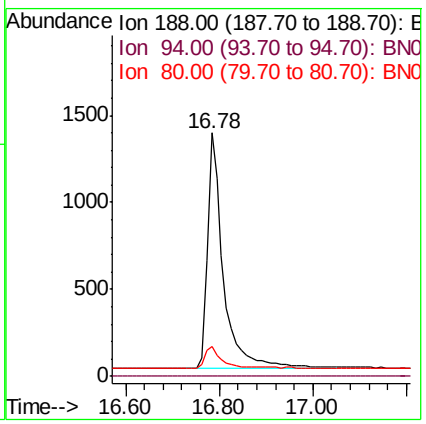


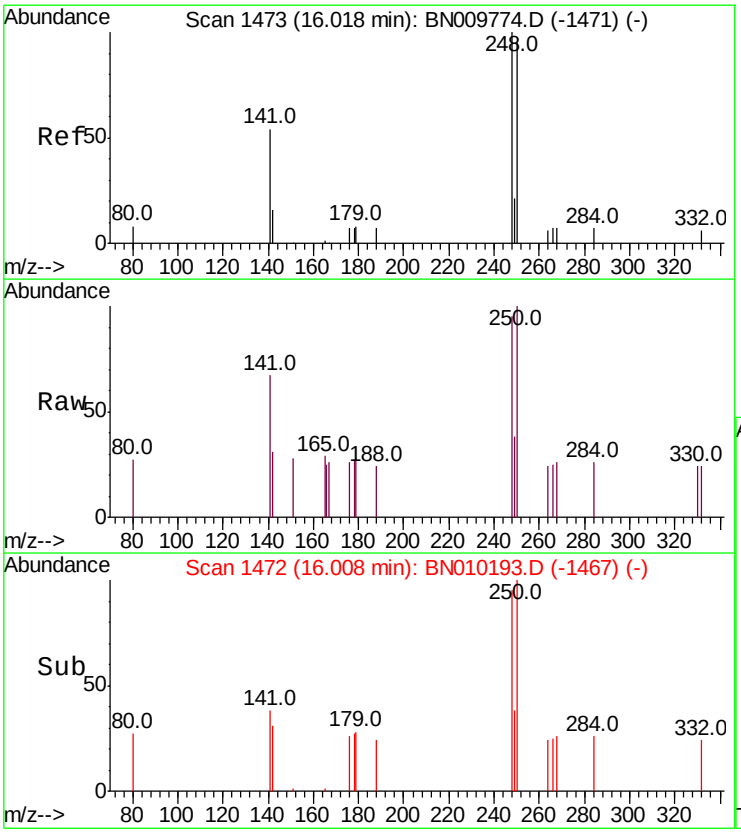
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.78 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 3245

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	8.3	12.5

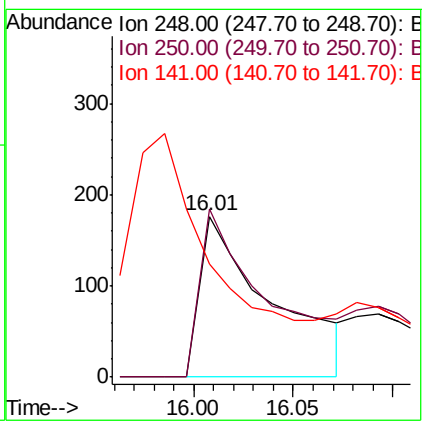


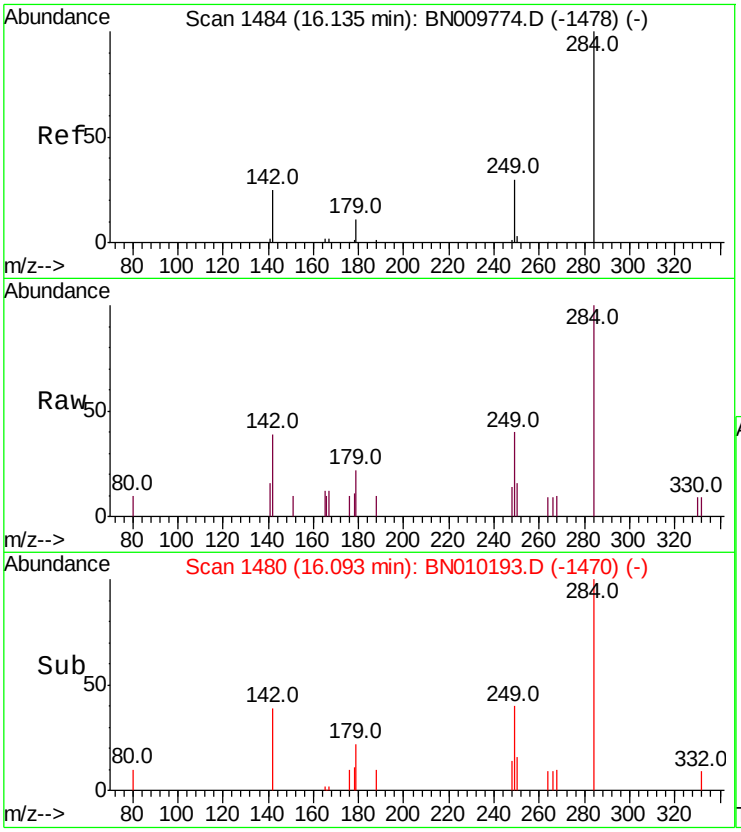


#20
4-Bromophenyl-phenylether
Concen: 0.120 ng
RT: 16.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:248 Resp: 439

Ion	Ratio	Lower	Upper
248	100		
250	105.1	76.2	114.4
141	70.5	57.8	86.6



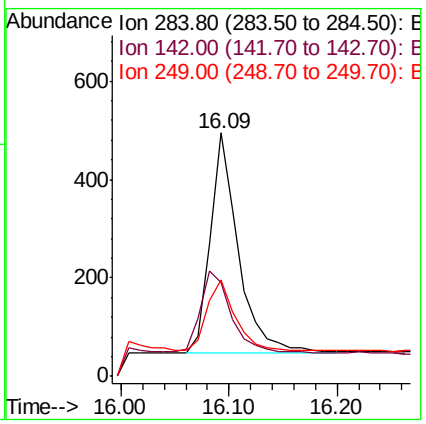


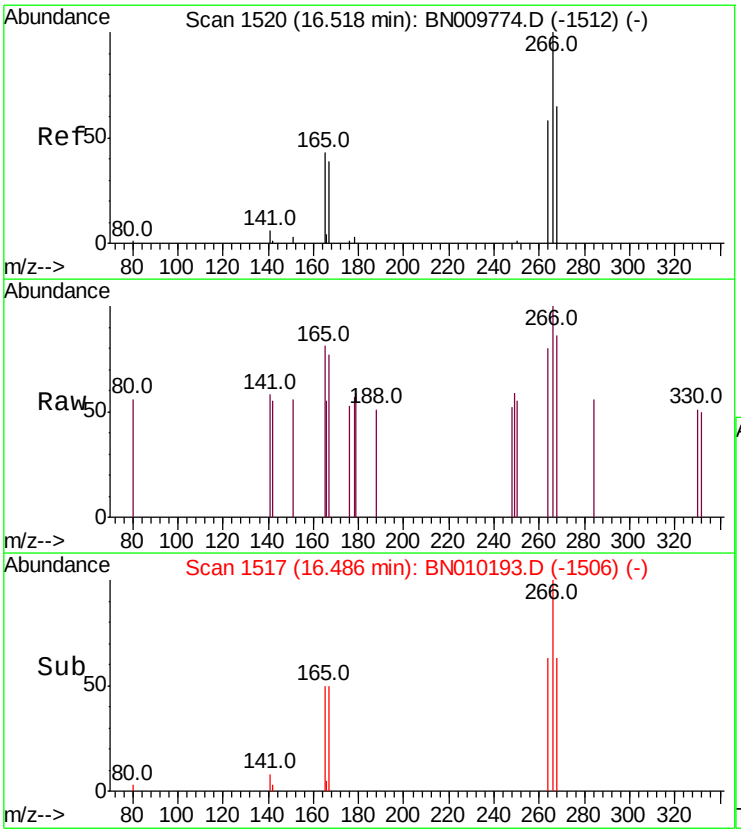
#21
Hexachlorobenzene
Concen: 0.396 ng
RT: 16.09 min Scan# 1480
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 800

Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.3	49.9
249	34.8	25.7	38.5

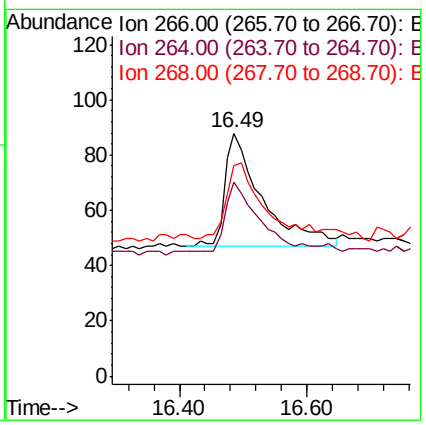


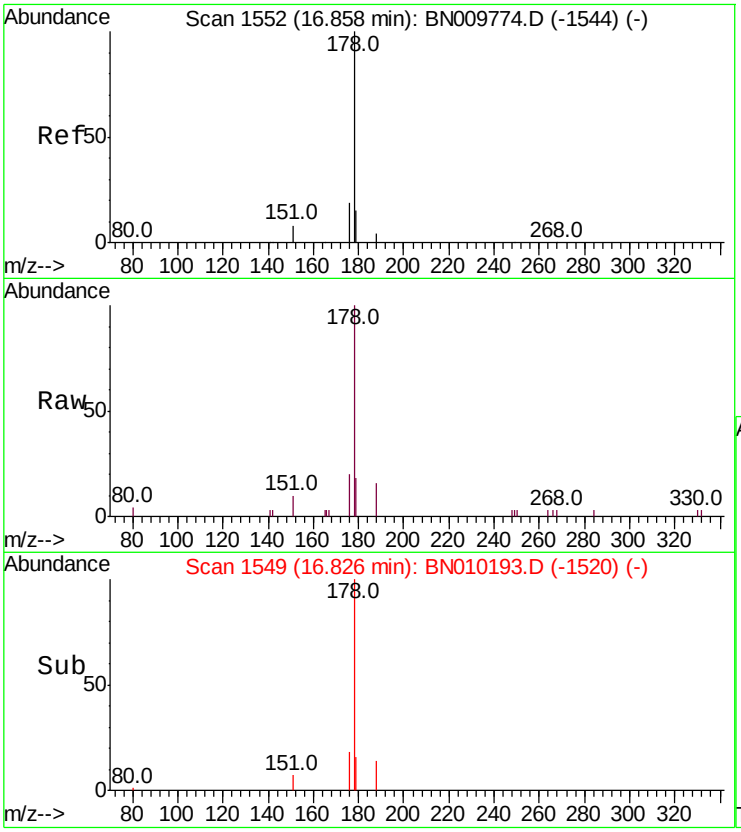


#22
Pentachlorophenol
Concen: 0.422 ng
RT: 16.49 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:266 Resp: 165

Ion	Ratio	Lower	Upper
266	100		
264	79.5	58.1	87.1
268	86.4	65.7	98.5



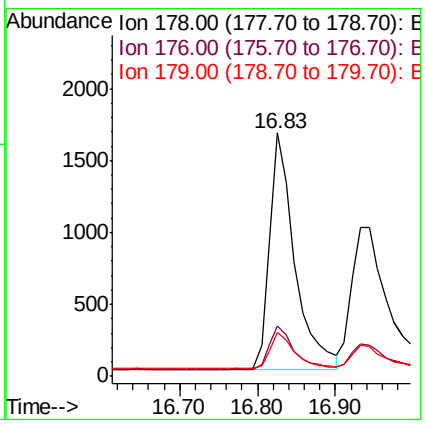


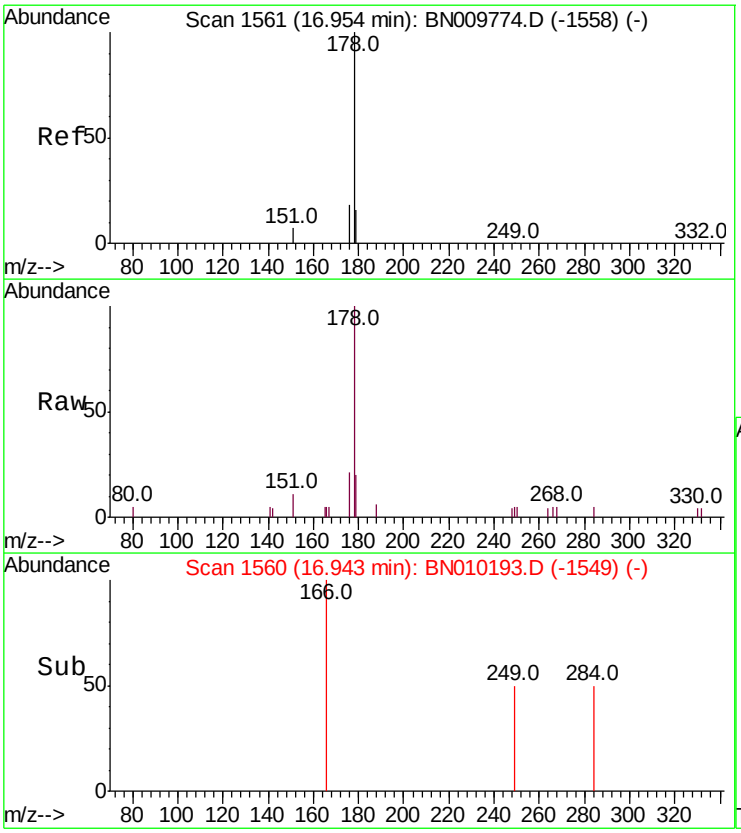
#23
Phenanthrene
Concen: 0.383 ng
RT: 16.83 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3697

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.5	12.4	18.6

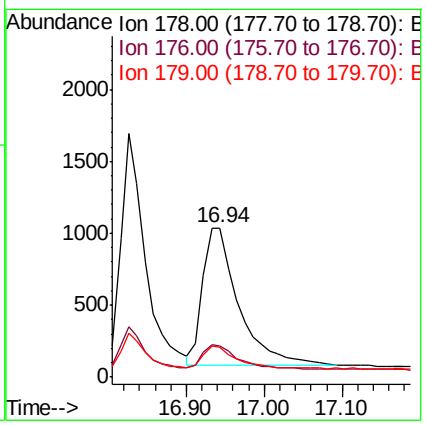


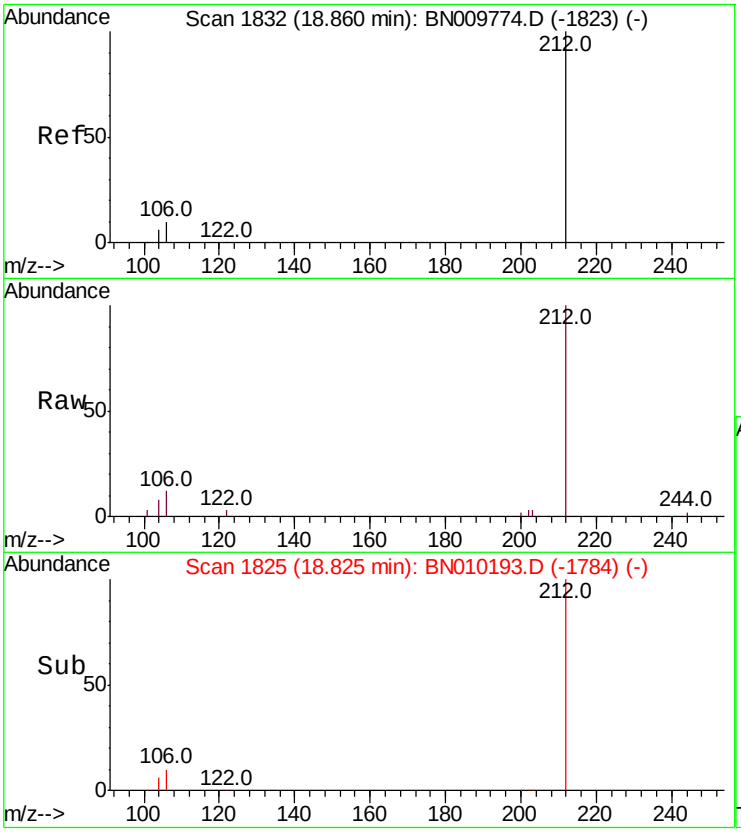


#24
Anthracene
Concen: 0.371 ng
RT: 16.94 min Scan# 1560
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:178 Resp: 3028

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.3	21.5
179	15.2	12.4	18.6



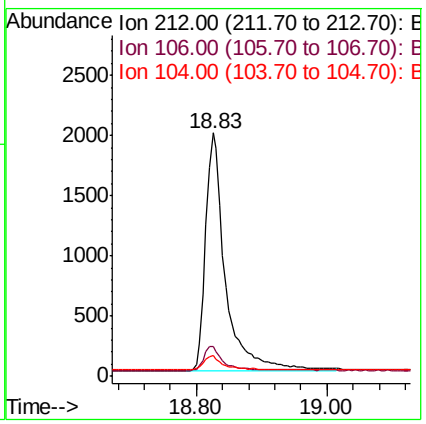


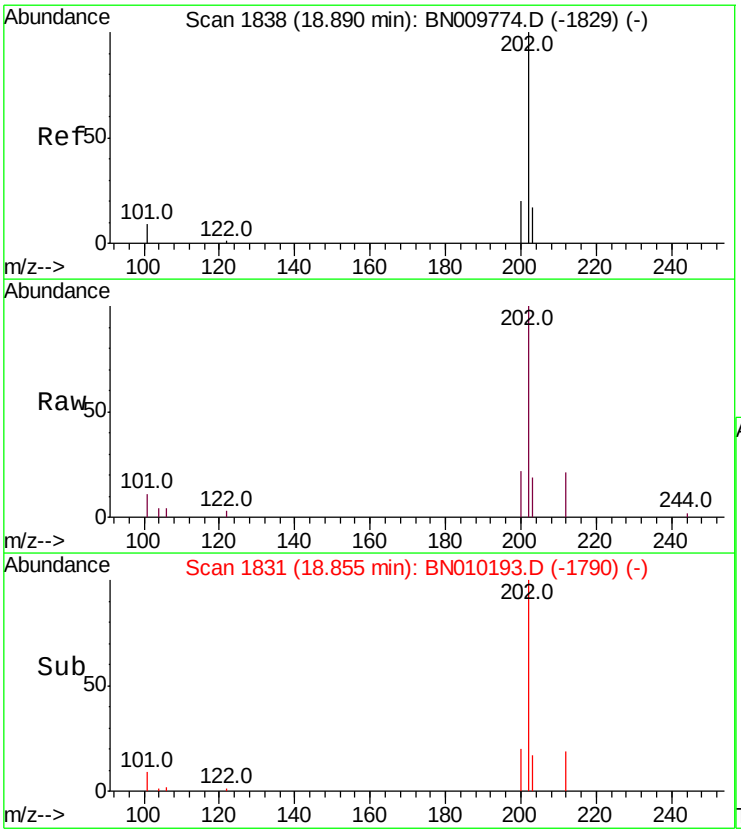
#25
Fluoranthene-d10
Concen: 0.369 ng
RT: 18.83 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 4147

Ion	Ratio	Lower	Upper
212	100		
106	9.8	8.4	12.6
104	5.8	4.8	7.2

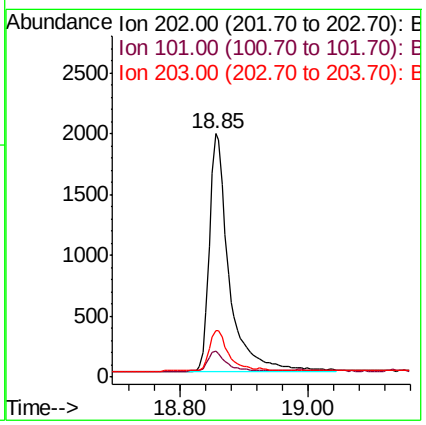


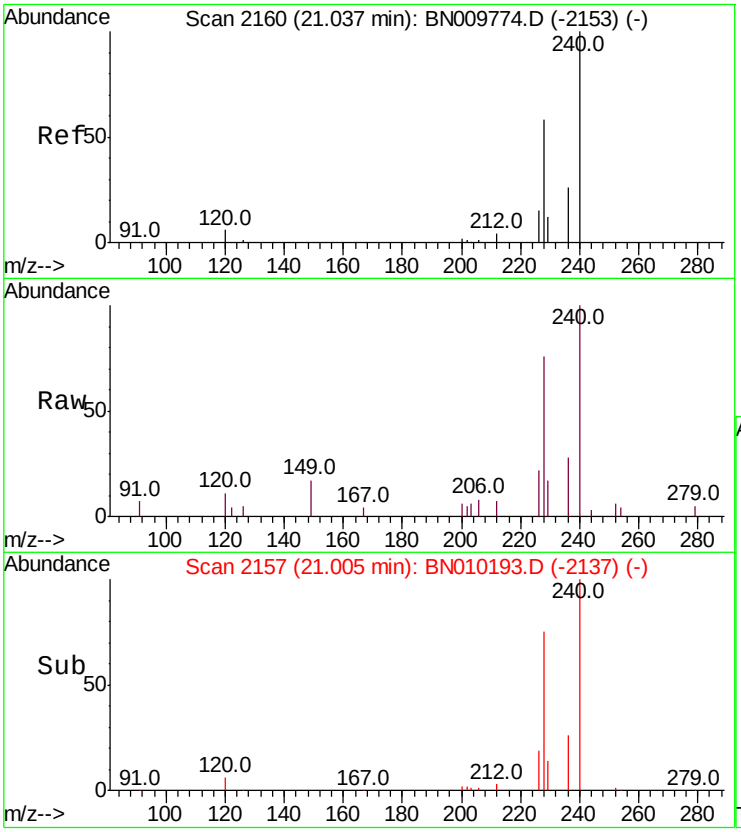


#26
Fluoranthene
Concen: 0.364 ng
RT: 18.85 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:202 Resp: 4206

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.1	10.7
203	17.0	13.8	20.6



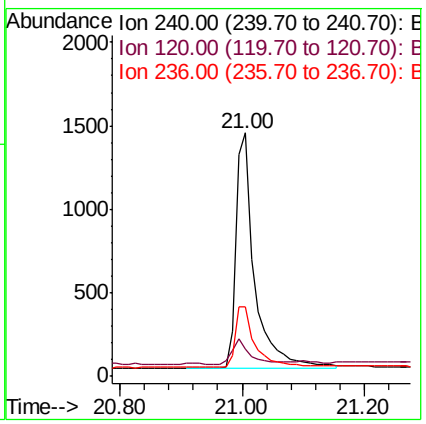


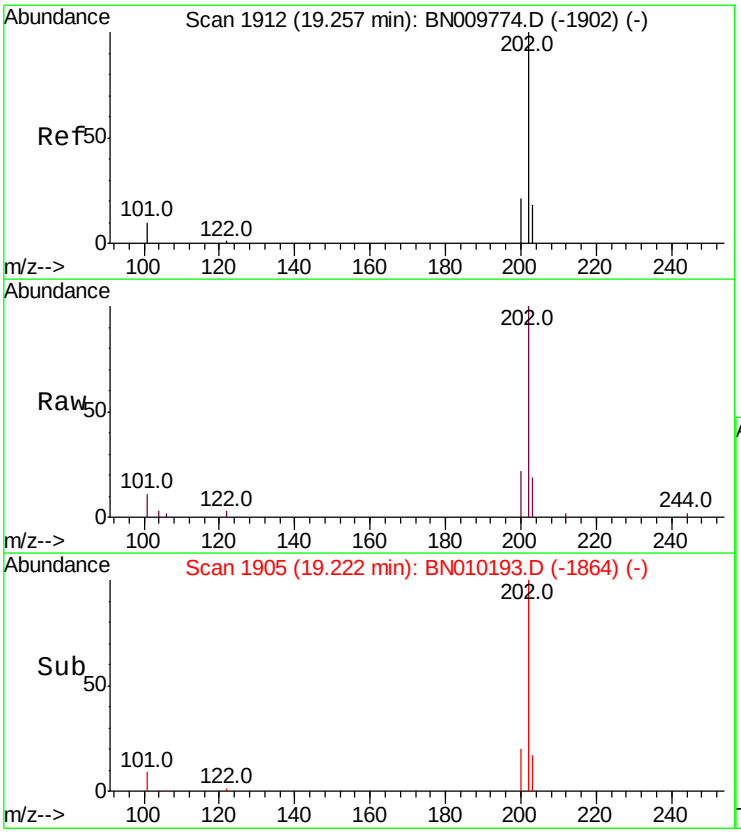
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.00 min Scan# 2157
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 3050

Ion	Ratio	Lower	Upper
240	100		
120	11.2	7.9	11.9
236	28.5	22.0	33.0

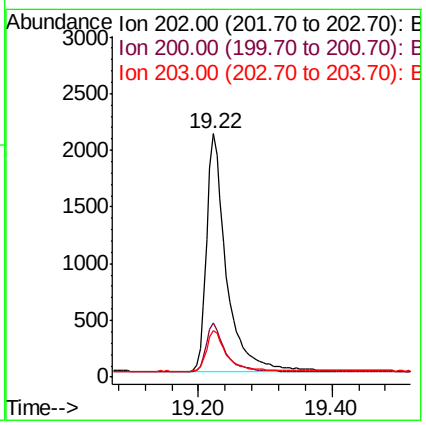


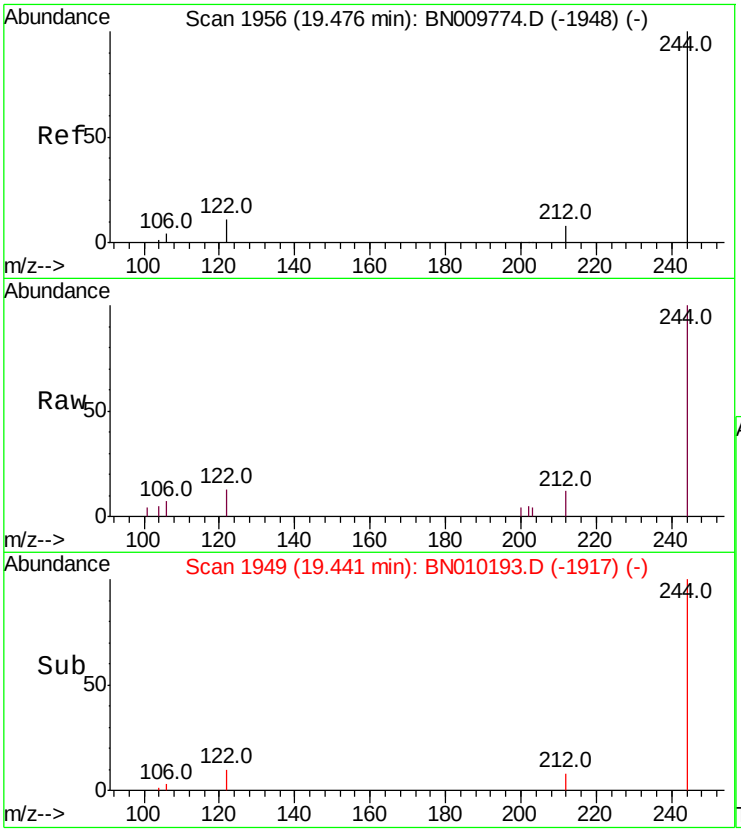


#28
Pyrene
Concen: 0.372 ng
RT: 19.22 min Scan# 1905
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:202 Resp: 4310

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.4	24.6
203	16.9	13.9	20.9



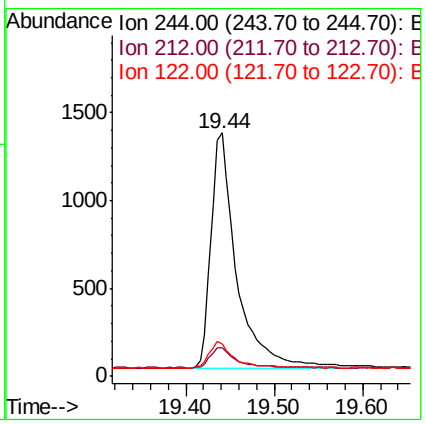


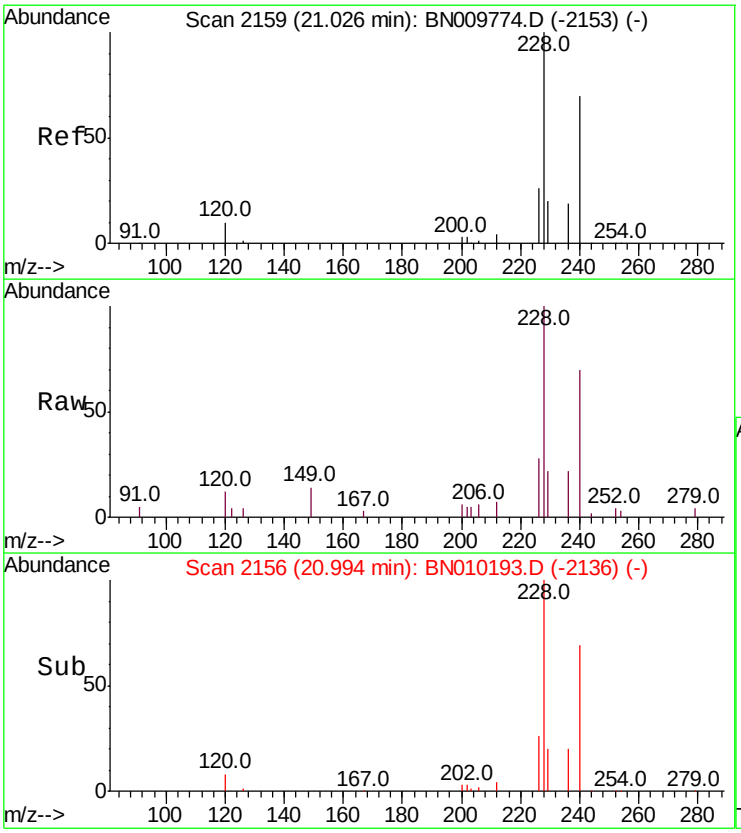
#29
Terphenyl-d14
Concen: 0.370 ng
RT: 19.44 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 2697

Ion	Ratio	Lower	Upper
244	100		
212	11.6	8.0	12.0
122	13.2	10.0	15.0

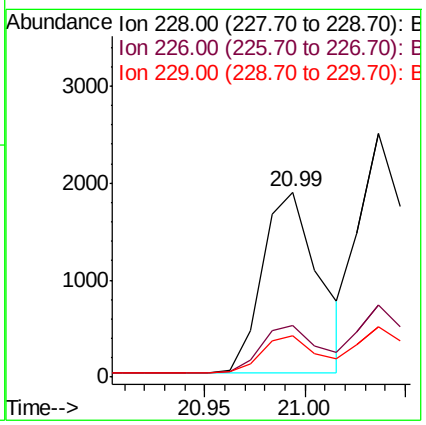


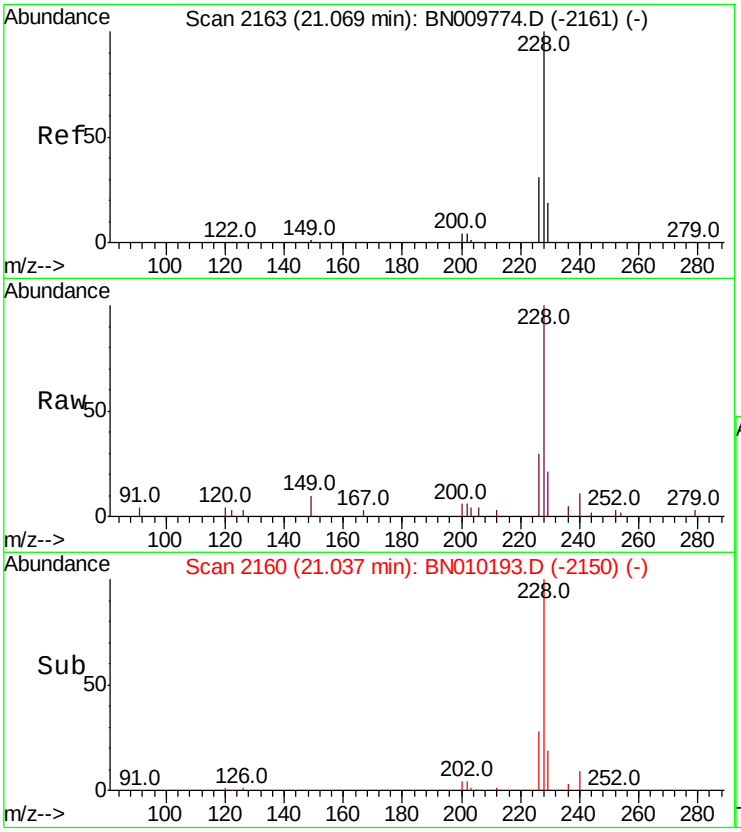


#30
Benzo(a)anthracene
Concen: 0.362 ng
RT: 20.99 min Scan# 2156
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:228 Resp: 3661

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	22.1	17.1	25.7



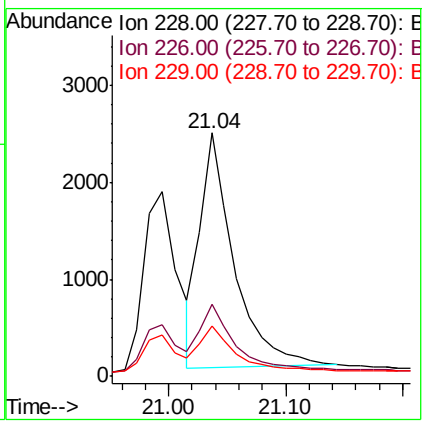


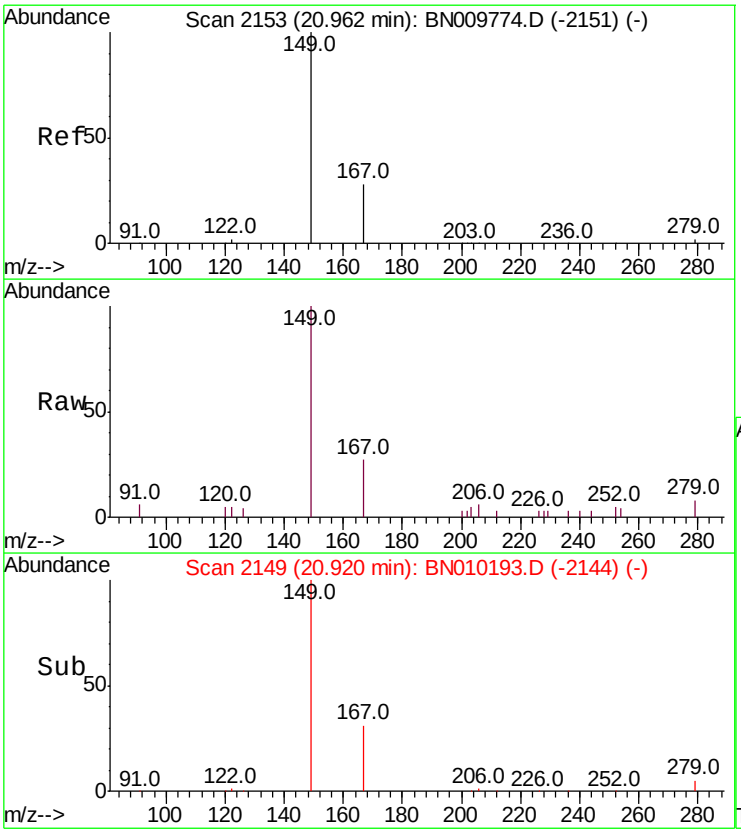
#31
Chrysene
Concen: 0.417 ng
RT: 21.04 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4888

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.8	37.2
229	20.8	16.4	24.6

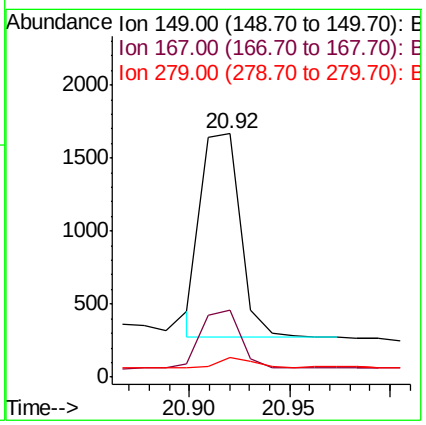


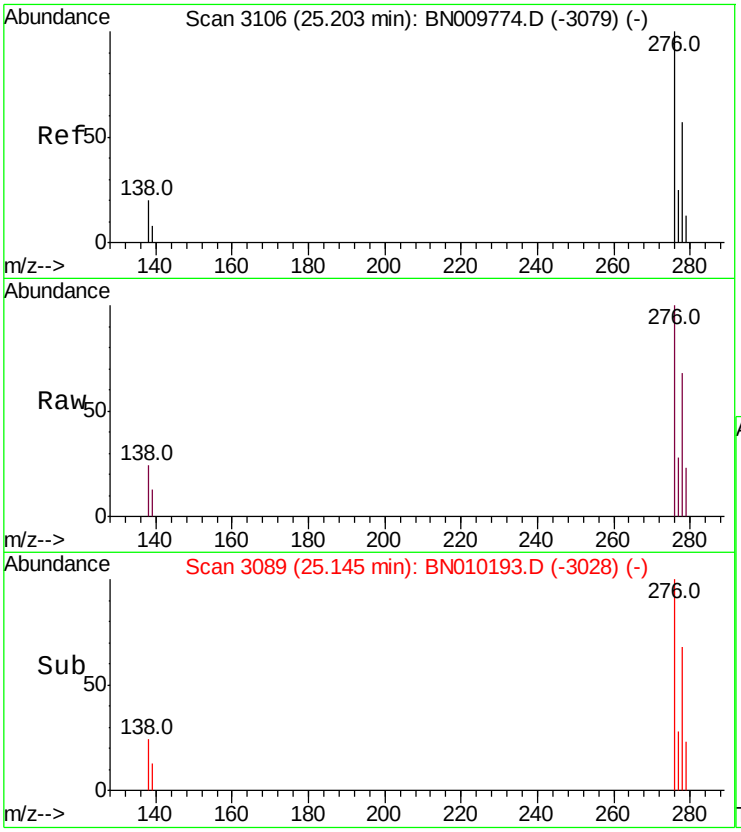


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.388 ng
RT: 20.92 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:149 Resp: 1918

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.7	34.1
279	4.2	3.1	4.7



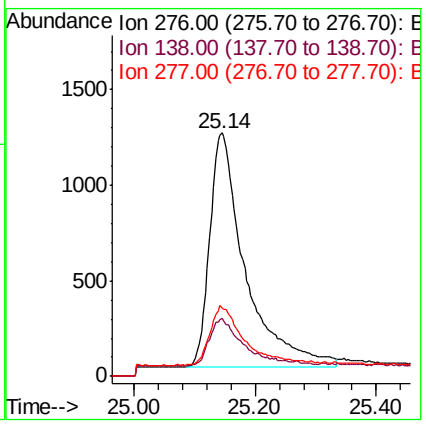


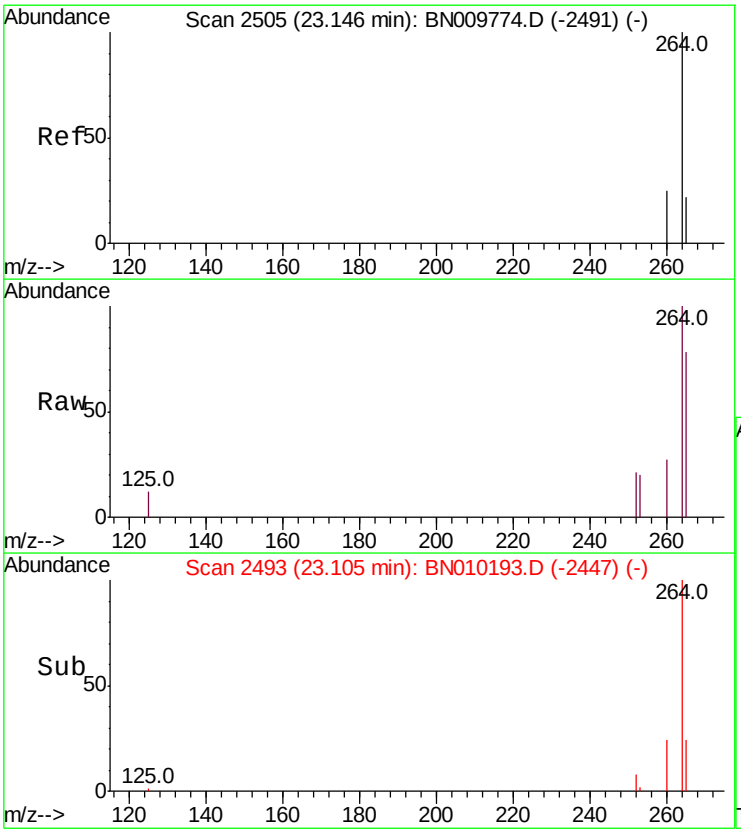
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 25.14 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4992

Ion	Ratio	Lower	Upper
276	100		
138	17.5	15.8	23.6
277	22.3	19.3	28.9

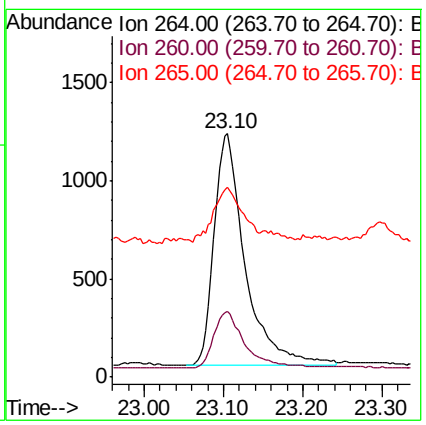


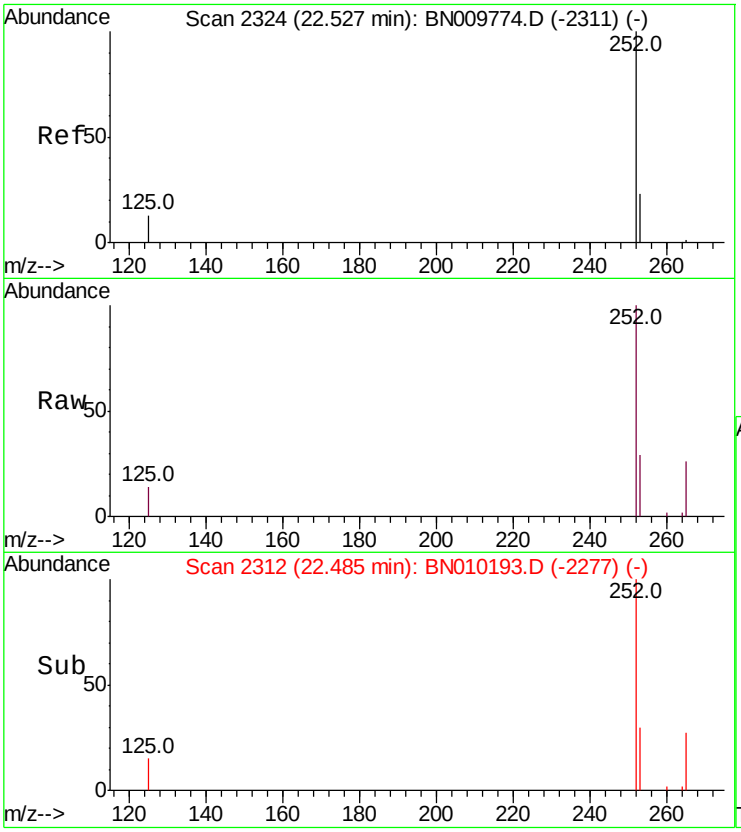


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2493
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:264 Resp: 3222

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.1	31.7
265	77.8	57.5	86.3



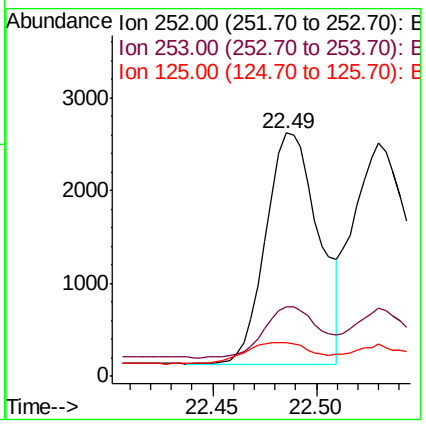


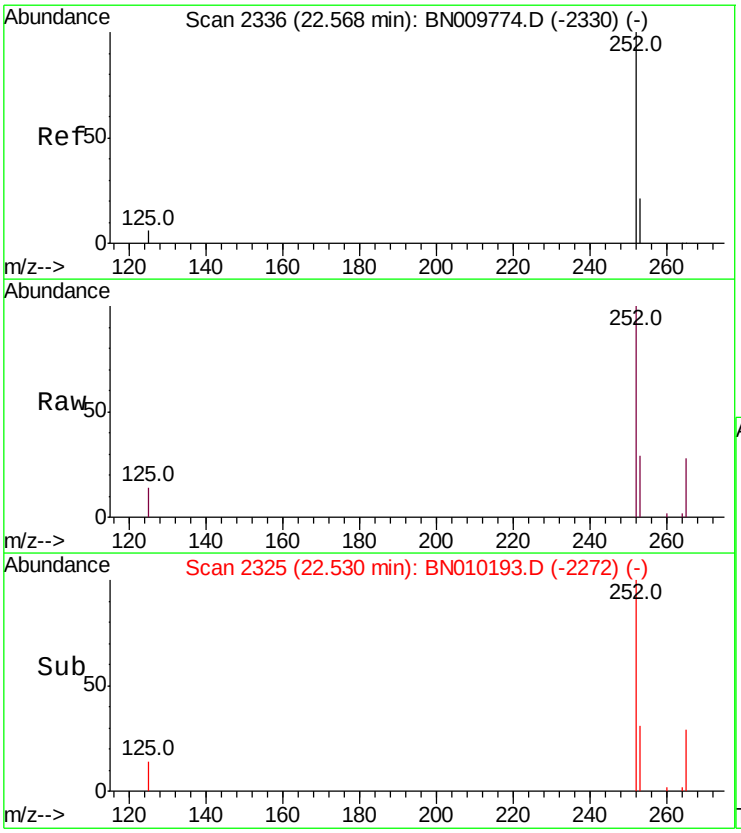
#35
Benzo(b)fluoranthene
Concen: 0.375 ng
RT: 22.49 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4415

Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.0	34.6
125	14.1	14.4	21.6#

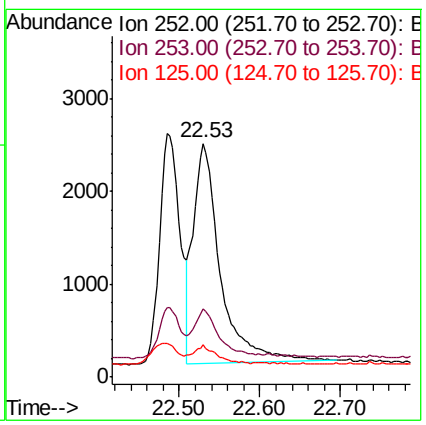


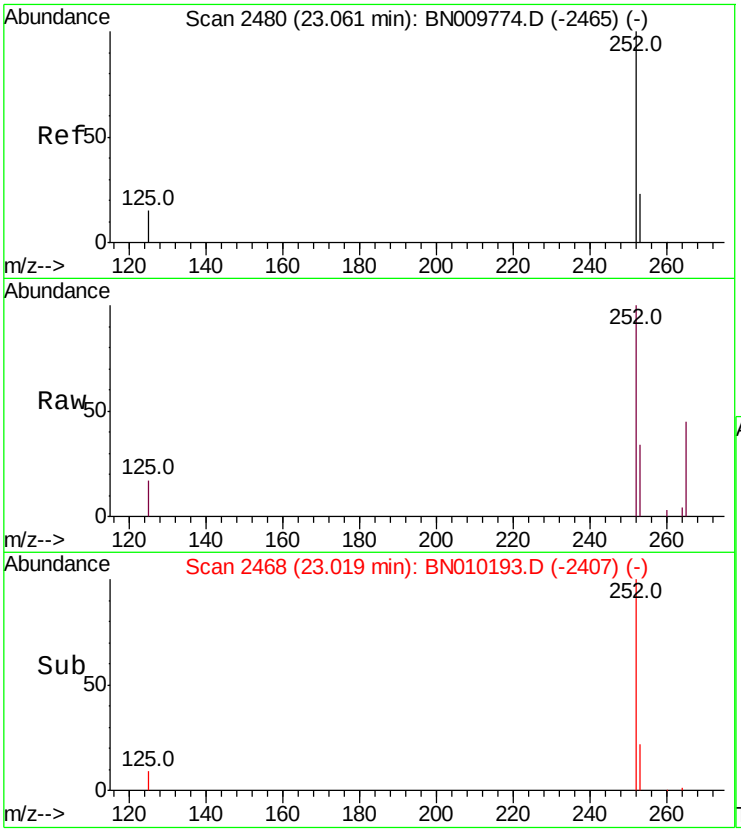


#36
Benzo(k)fluoranthene
Concen: 0.428 ng
RT: 22.53 min Scan# 2325
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:252 Resp: 5492

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.2	33.2
125	13.6	10.5	15.7



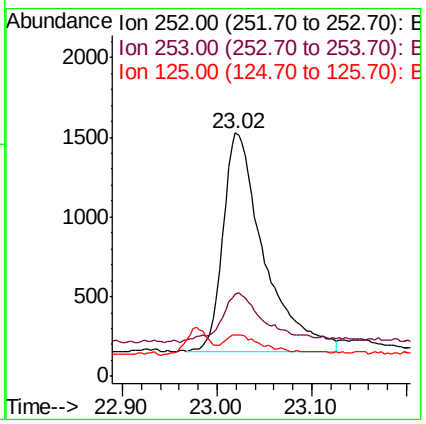


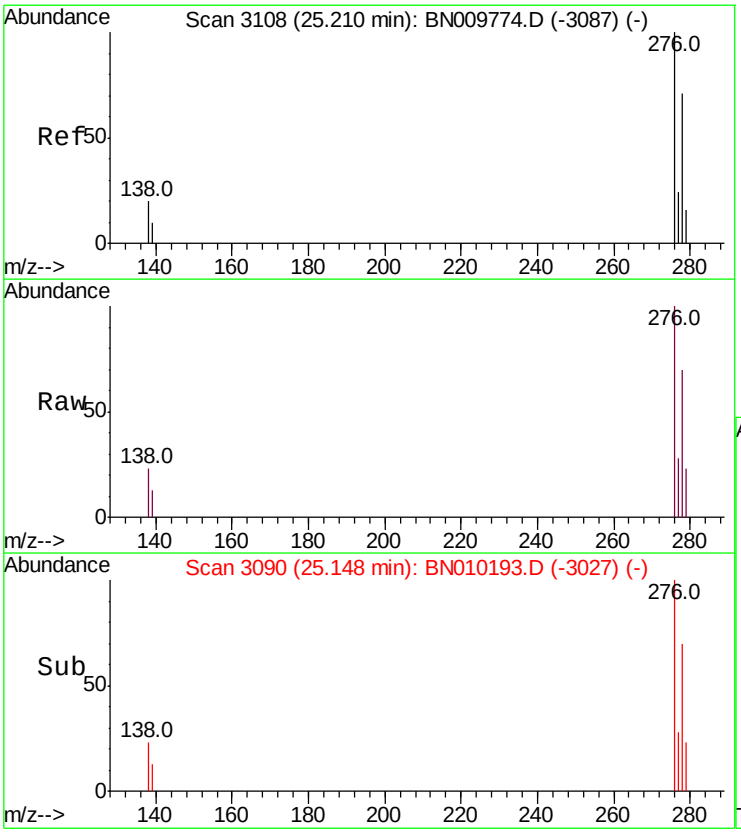
#37
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.02 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4088

Ion	Ratio	Lower	Upper
252	100		
253	34.0	25.3	37.9
125	17.0	17.7	26.5#

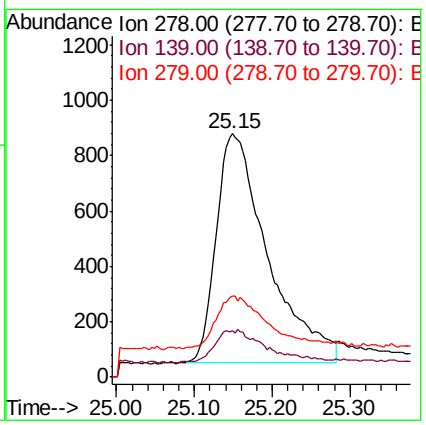


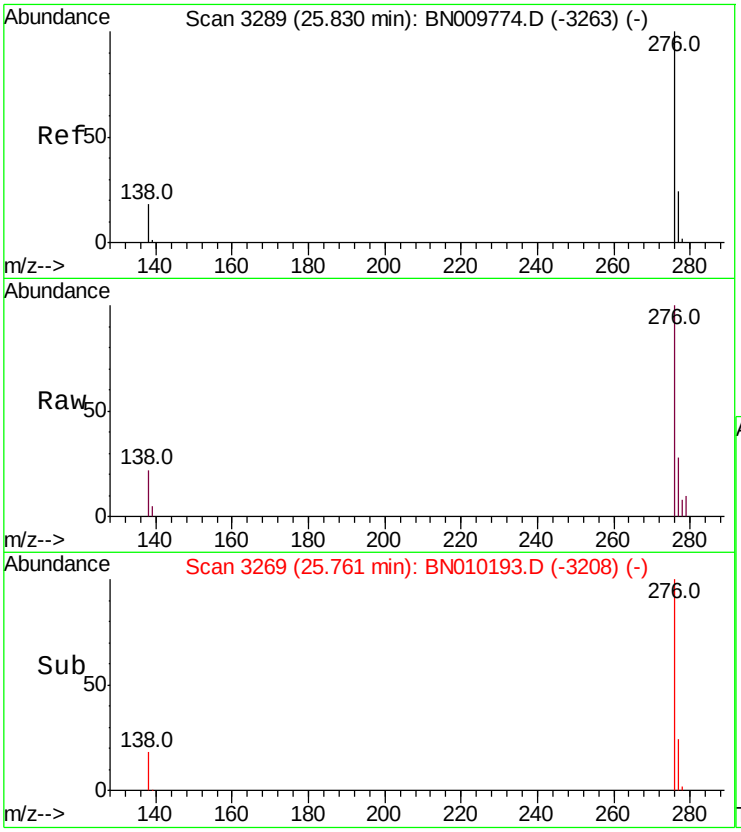


#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 25.15 min Scan# 3090
Delta R.T. 0.02 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Tgt Ion:278 Resp: 3780

Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.5	21.7
279	33.3	24.3	36.5





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 25.76 min Scan# 3269
Delta R.T. 0.01 min
Lab File: BN010193.D
Acq: 11 Mar 2020 15:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 4529

Ion	Ratio	Lower	Upper
276	100		
277	28.0	21.4	32.0
138	21.7	16.6	24.8