Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010245.D
Acq On : 17 Mar 2020 18:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 17 19:01:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3672	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	12758	0.40	ng		0.00
13) Acenaphthene-d10	14.25	164	7772	0.40	ng		-0.01
19) Phenanthrene-d10	17.00	188	18253	0.40	ng		0.00
27) Chrysene-d12	21.19	240	18534	0.40	ng		-0.01
34) Perylene-d12	23.37	264	20614	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	2947	0.34	ng		0.00
5) Phenol-d6	6.81	99	3736	0.35	ng		0.00
8) Nitrobenzene-d5	8.76	82	3108	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	8087	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.74	330	992	0.36	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	12177	0.44	ng		0.00
25) Fluoranthene-d10	19.02	212	20726	0.37	ng		0.00
29) Terphenyl-d14	19.64	244	16539	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1417	0.396	ng	#	54
3) n-Nitrosodimethylamine	3.57	42	1031	0.325	ng	#	33
6) bis(2-Chloroethyl)ether	7.07	93	3478	0.387	ng		96
9) Naphthalene	10.44	128	12812	0.401	ng		97
10) Hexachlorobutadiene	10.75	225	3107	0.422	ng	#	97
12) 2-Methylnaphthalene	12.05	142	8910	0.388	ng		98
16) Acenaphthylene	13.96	152	12274	0.342	ng		100
17) Acenaphthene	14.31	154	8579	0.394	ng		98
18) Fluorene	15.29	166	11330	0.382	ng		100
20) 4-Bromophenyl-phenylether	16.20	248	4107	0.392	ng		98
21) Hexachlorobenzene	16.31	284	4628	0.452	ng		98
22) Pentachlorophenol	16.65	266	1127	0.357	ng		92
23) Phenanthrene	17.03	178	19629	0.405	ng		100
24) Anthracene	17.12	178	16461	0.341	ng		99
26) Fluoranthene	19.06	202	23549	0.384	ng		100
28) Pyrene	19.42	202	23489	0.379	ng		99
30) Benzo(a)anthracene	21.17	228	22019	0.349	ng		99
31) Chrysene	21.23	228	25575	0.412	ng		97
32) Bis(2-ethylhexyl)phthalate	21.14	149	6303	0.235	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.52	276	28269	0.384	ng		99
35) Benzo(b)fluoranthene	22.72	252	24334	0.384	ng		99
36) Benzo(k)fluoranthene	22.76	252	25311	0.395	ng		98
37) Benzo(a)pyrene	23.27	252	20894	0.349	ng		98
38) Dibenzo(a,h)anthracene	25.53	278	23715	0.395	ng		99
39) Benzo(g,h,i)perylene	26.17	276	23217	0.388	ng		98

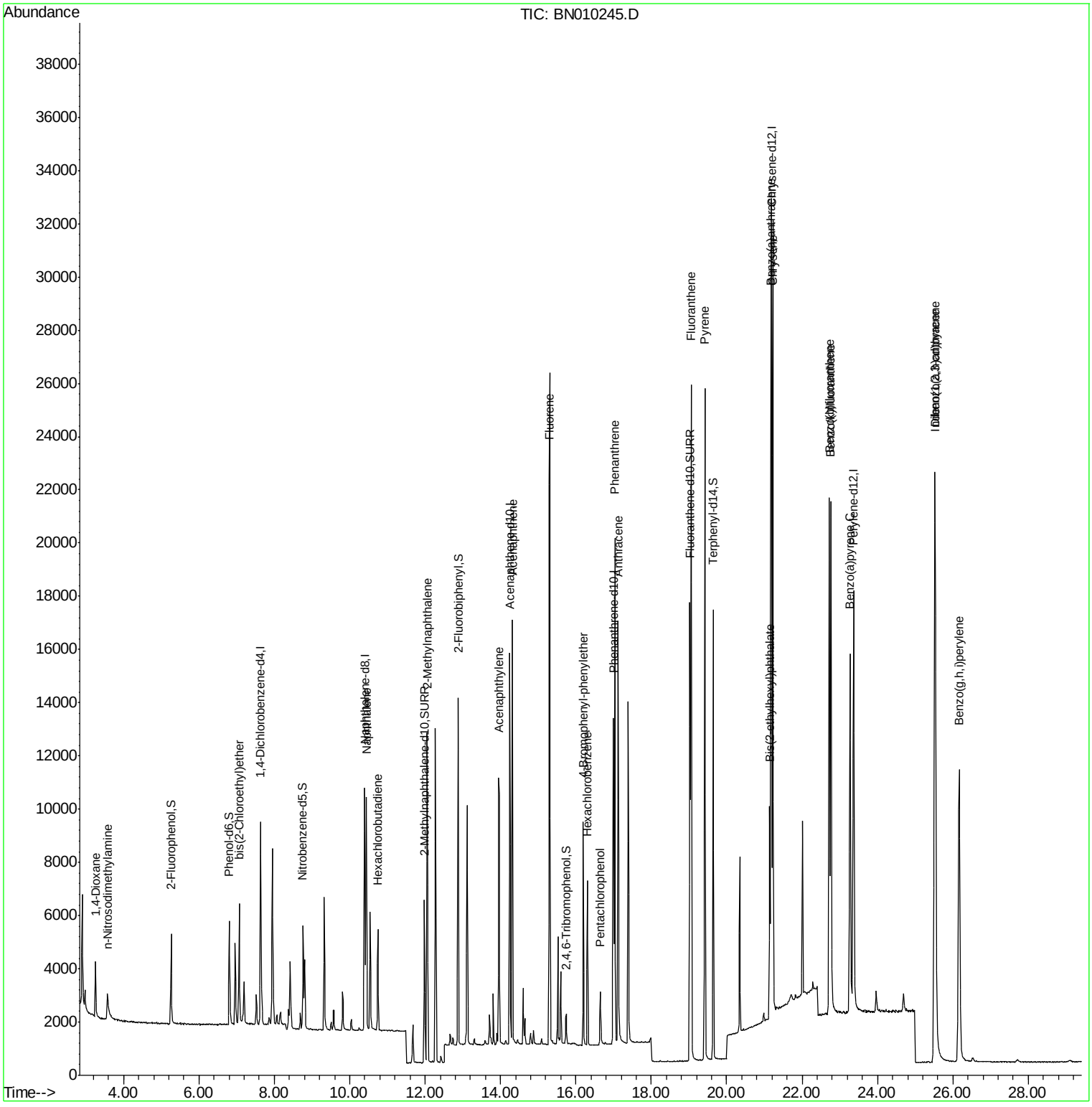
(#) = qualifier out of range (m) = manual integration (+) = signals summed

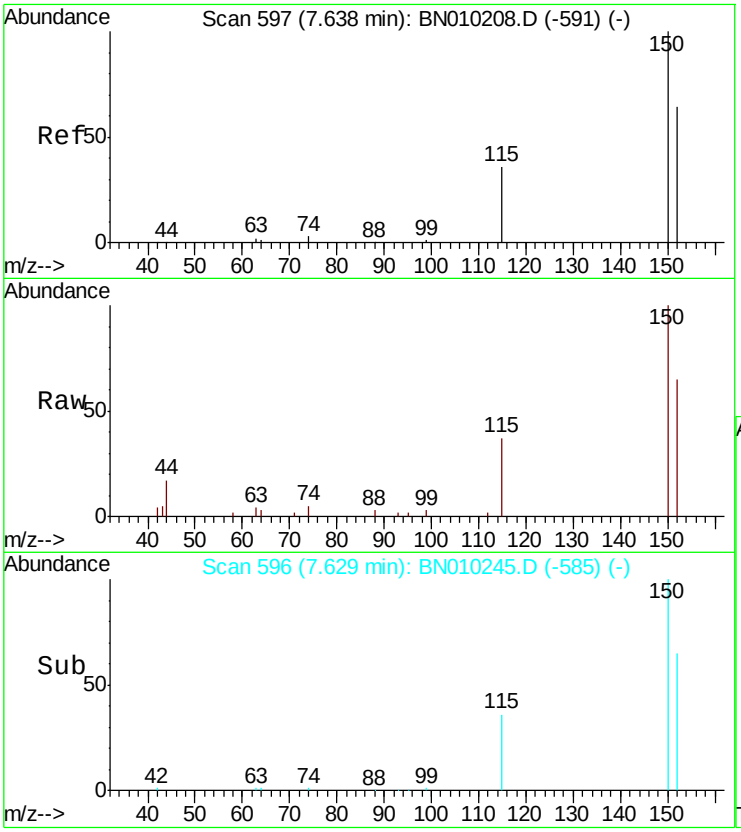
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010245.D
Acq On : 17 Mar 2020 18:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 17 19:01:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration



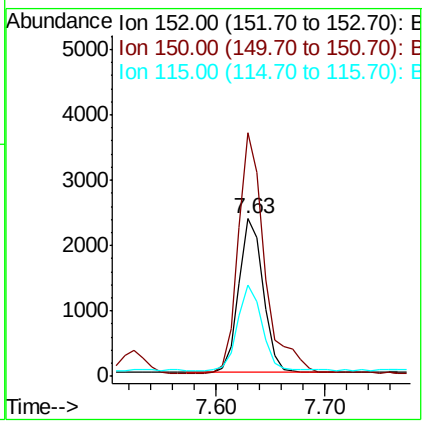


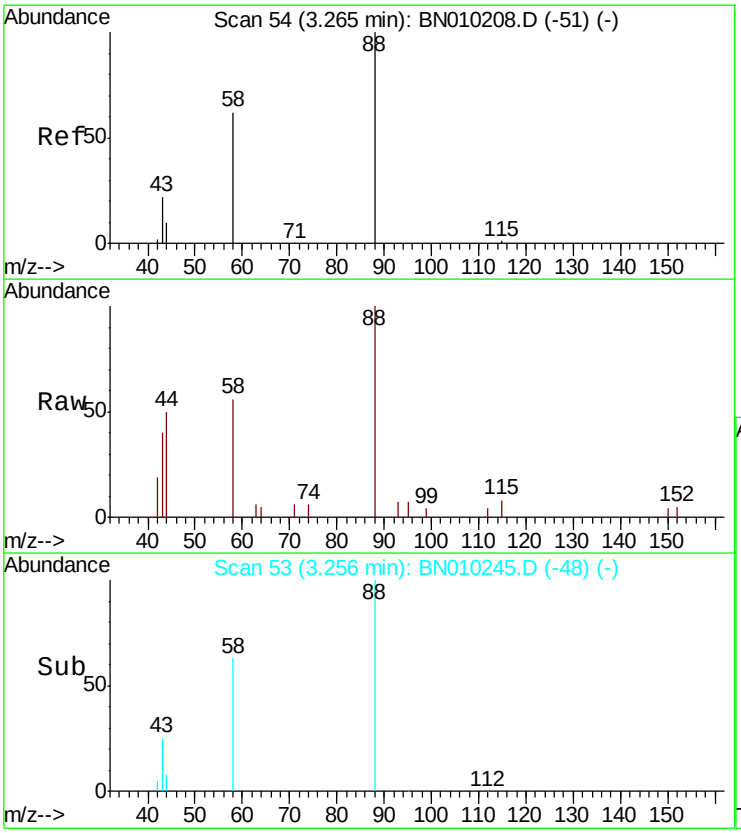
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3672

Ion	Ratio	Lower	Upper
152	100		
150	154.7	119.5	179.3
115	57.6	50.9	76.3

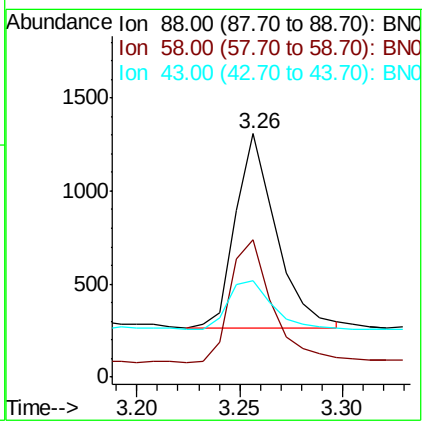


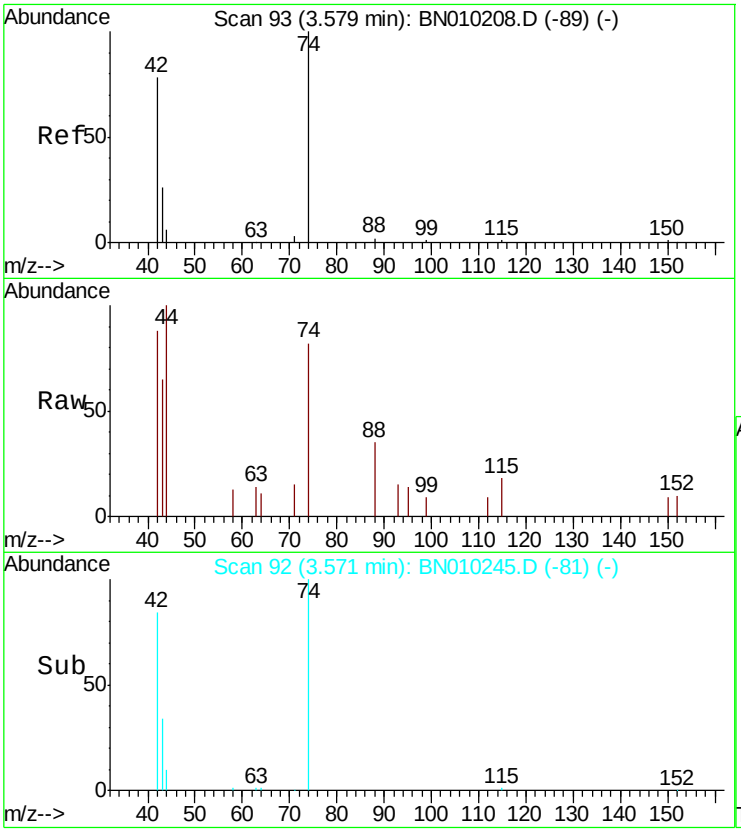


#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion: 88 Resp: 1417

Ion	Ratio	Lower	Upper
88	100		
58	67.0	97.8	146.8#
43	27.0	45.1	67.7#



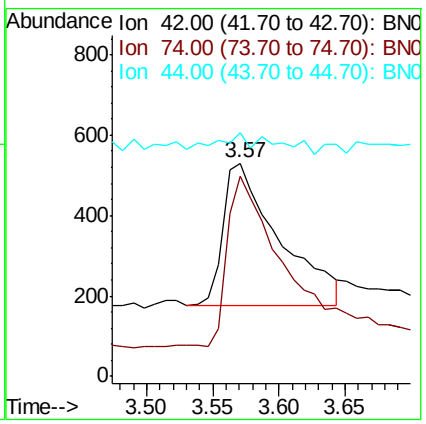


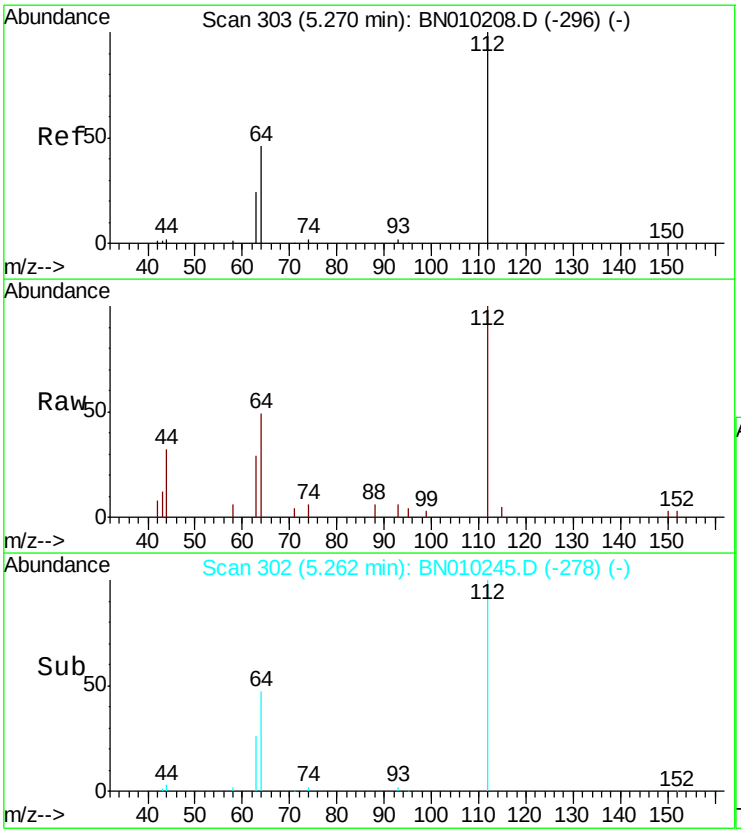
#3
n-Nitrosodimethylamine
Concen: 0.325 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1031

Ion	Ratio	Lower	Upper
42	100		
74	118.6	51.2	76.8#
44	5.2	2.6	4.0#

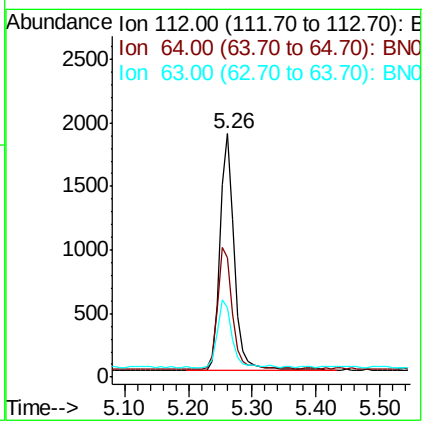


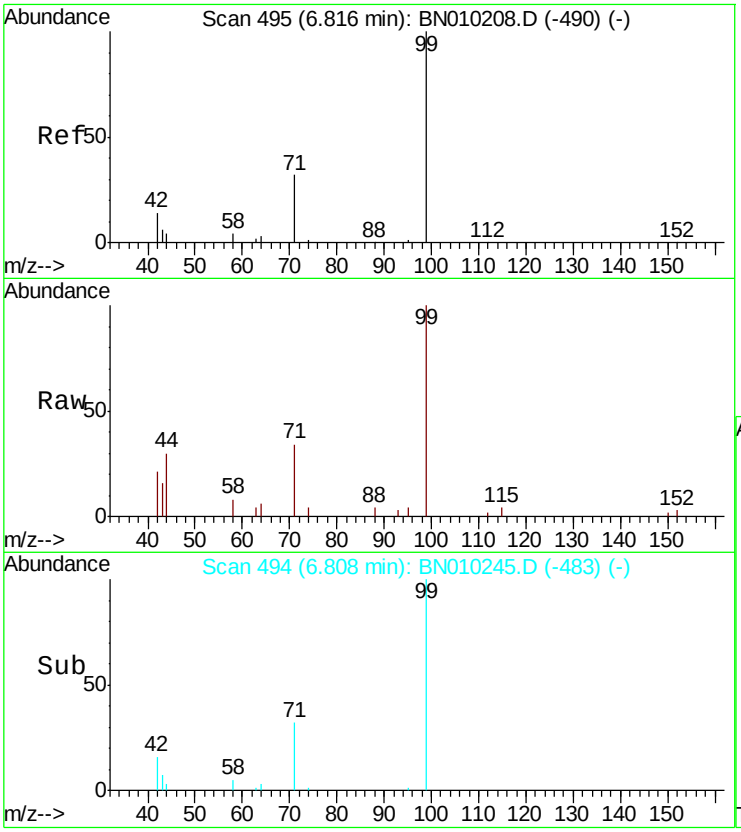


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:112 Resp: 2947

Ion	Ratio	Lower	Upper
112	100		
64	52.7	42.6	63.8
63	28.3	23.6	35.4



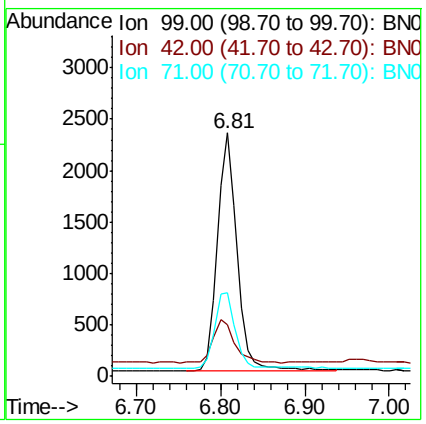


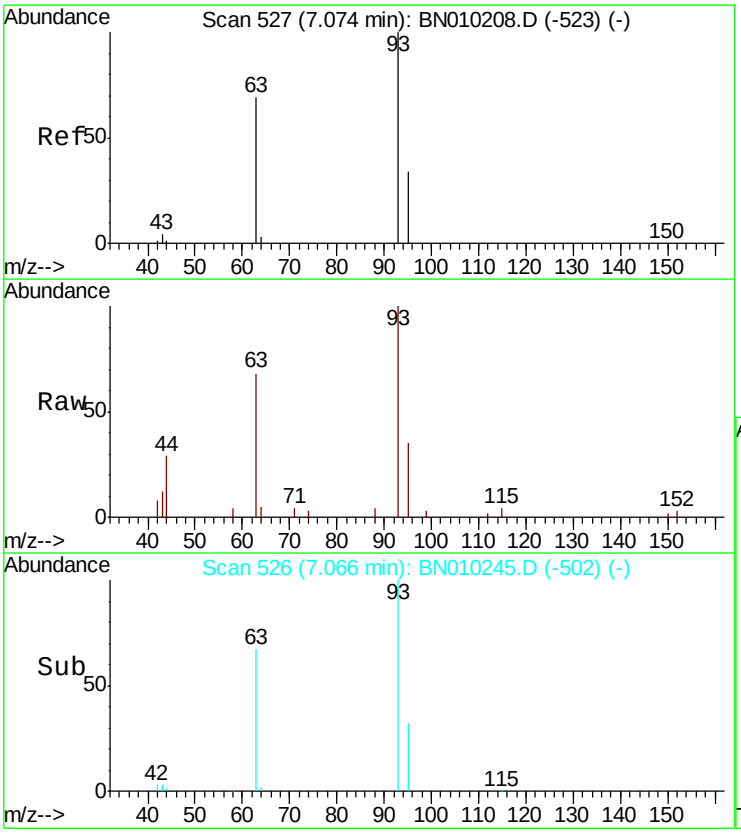
#5
Phenol-d6
Concen: 0.347 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 3736

Ion	Ratio	Lower	Upper
99	100		
42	19.8	12.0	18.0#
71	34.0	22.6	33.8#

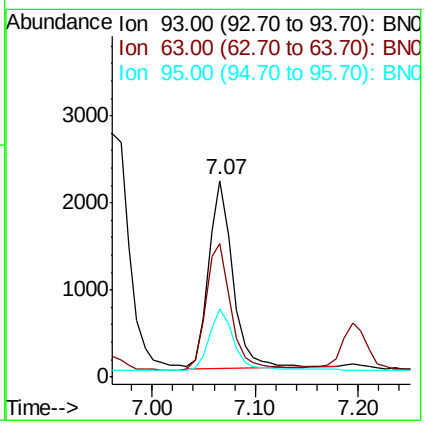


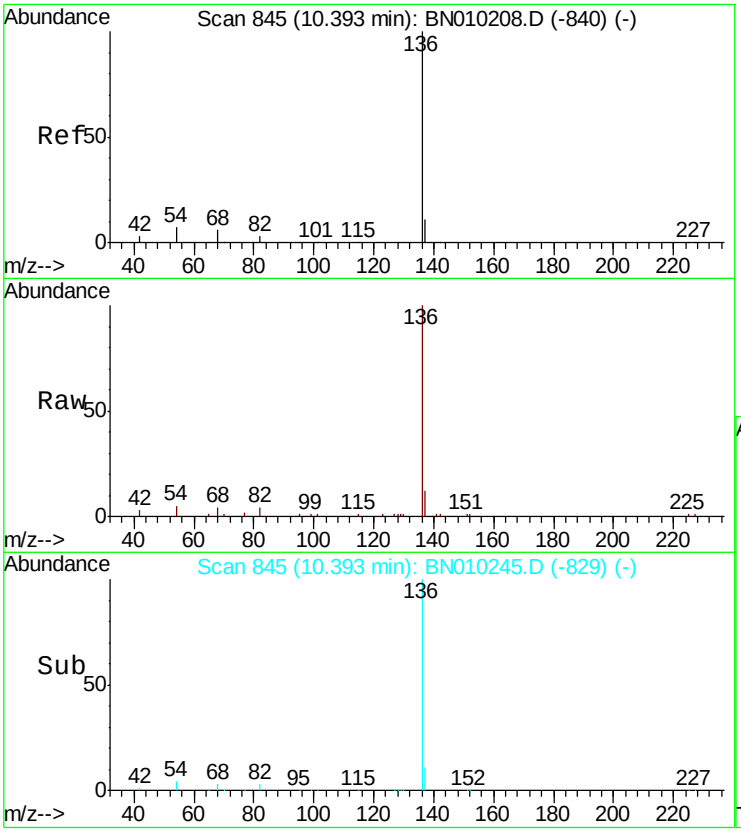


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion: 93 Resp: 3478

Ion	Ratio	Lower	Upper
93	100		
63	70.7	53.4	80.0
95	34.2	28.6	42.8



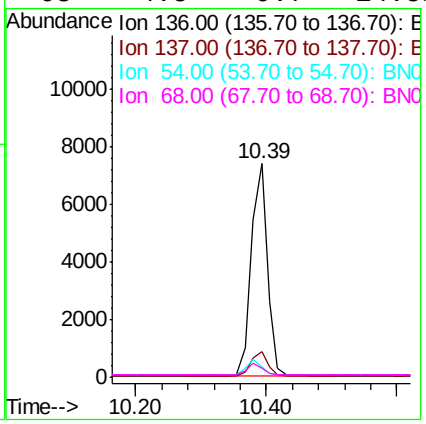


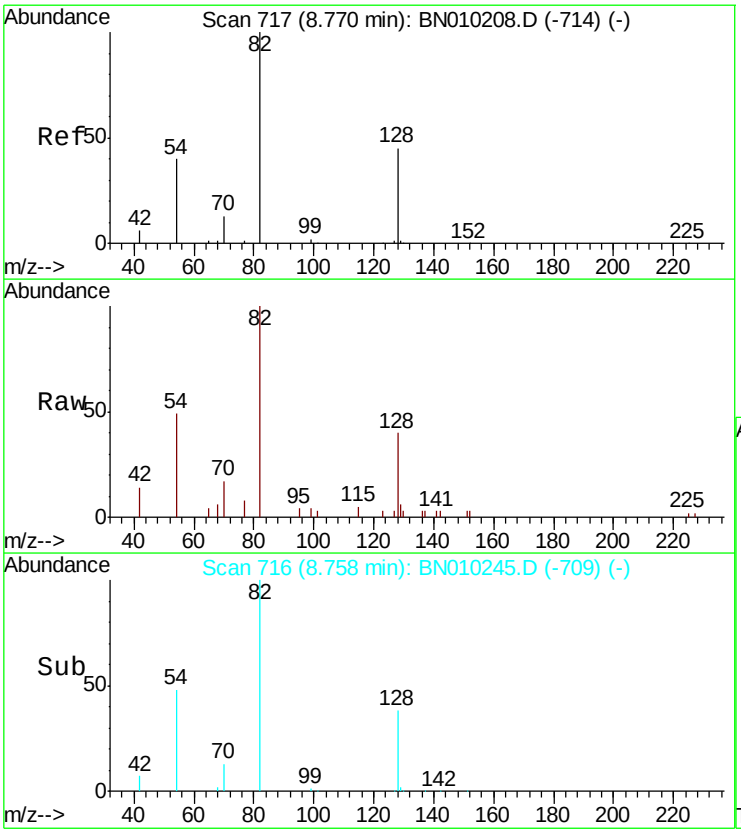
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 12758

Ion	Ratio	Lower	Upper
136	100		
137	11.7	10.6	15.8
54	5.0	9.5	14.3#
68	4.5	9.7	14.5#

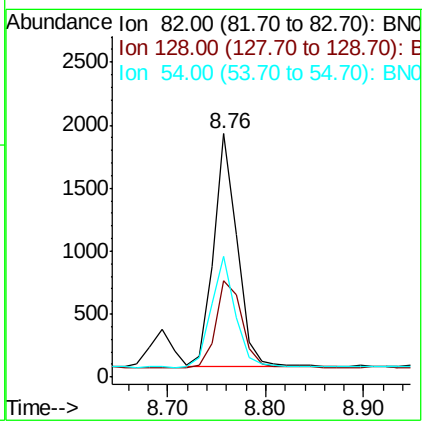


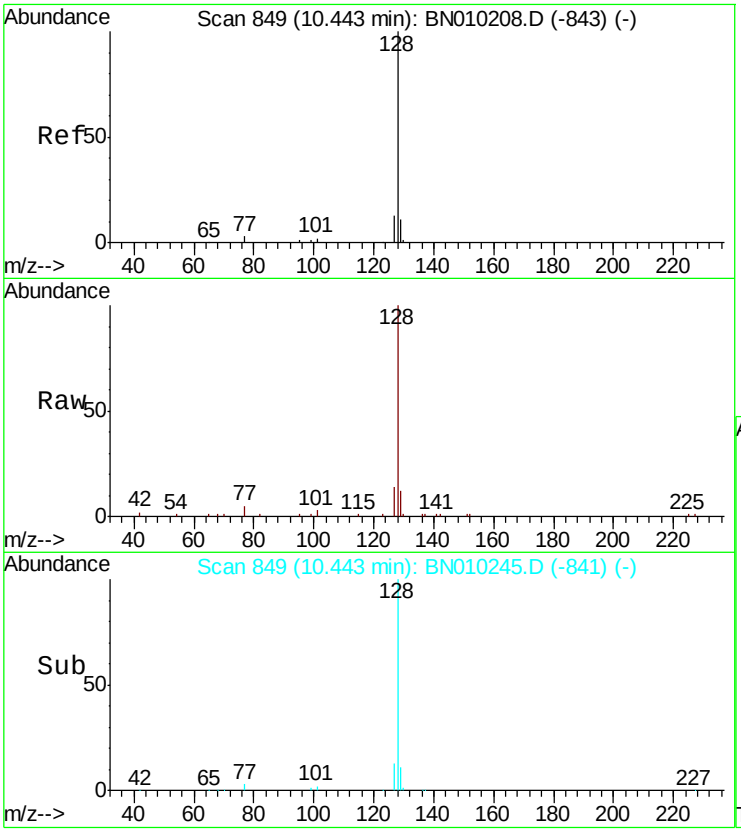


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion: 82 Resp: 3108

Ion	Ratio	Lower	Upper
82	100		
128	39.8	35.0	52.6
54	49.5	37.0	55.4



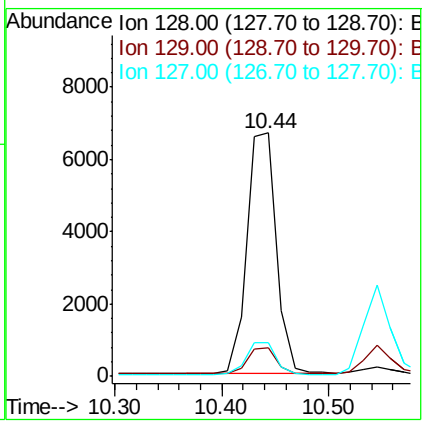


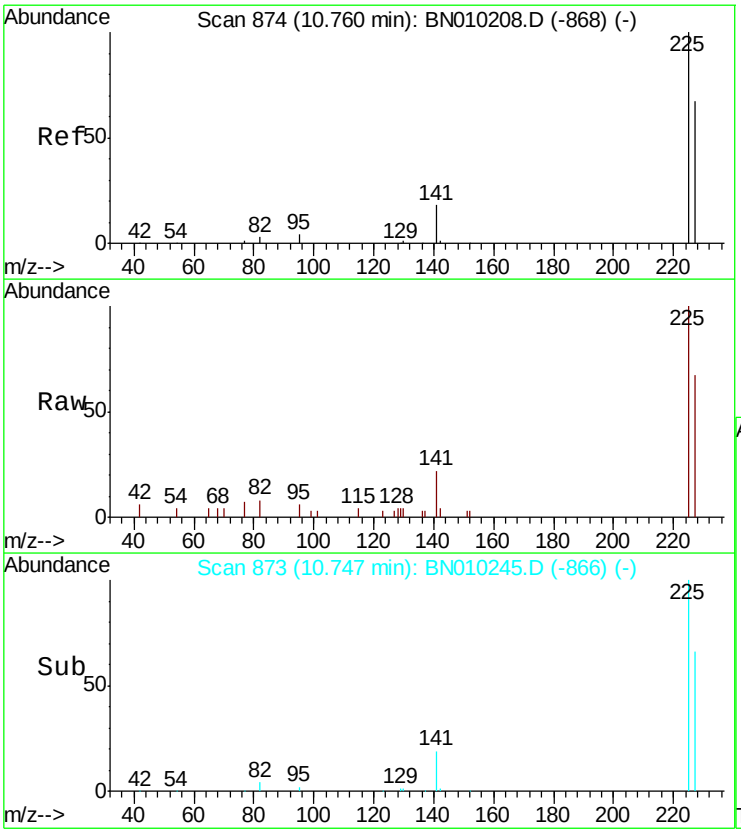
#9
Naphthalene
Concen: 0.401 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 12812

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.5	15.7
127	13.8	12.1	18.1

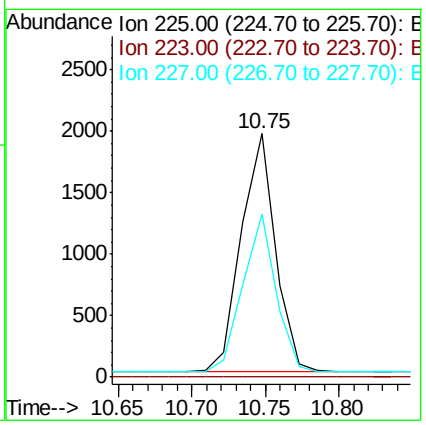


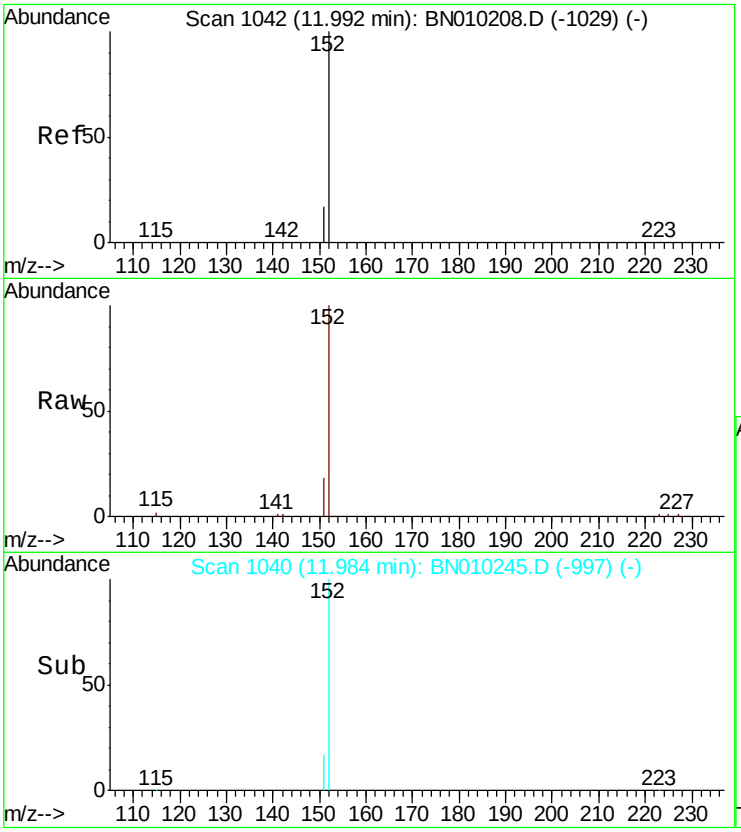


#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.75 min Scan# 873
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:225 Resp: 3107

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	53.4	80.2



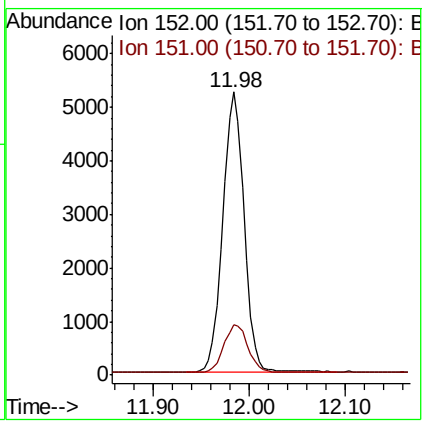


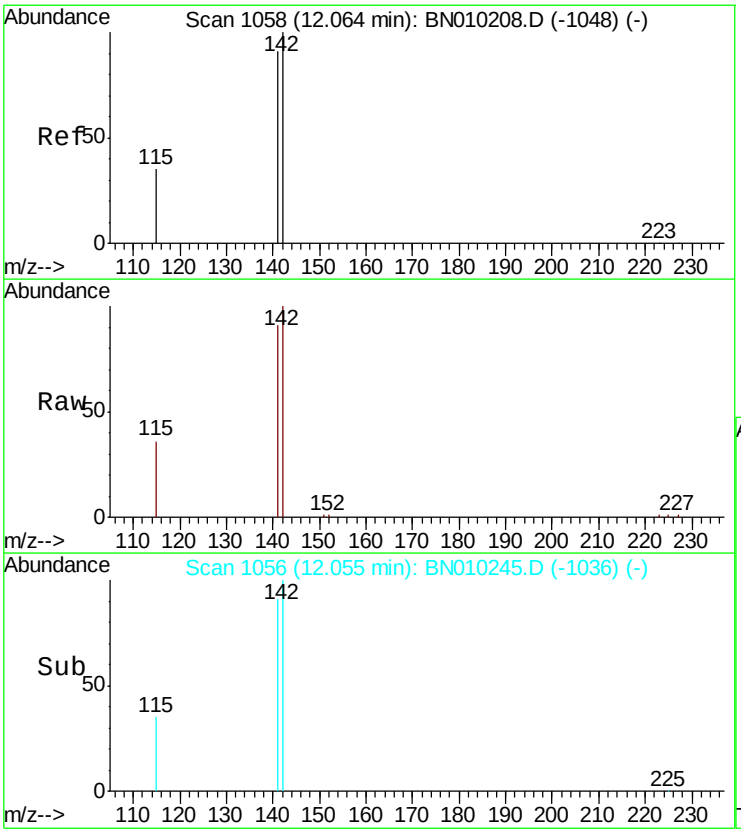
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8087

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6

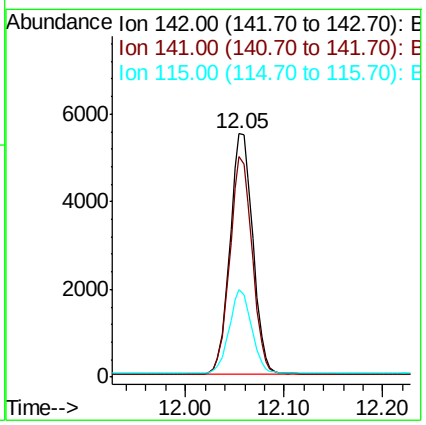


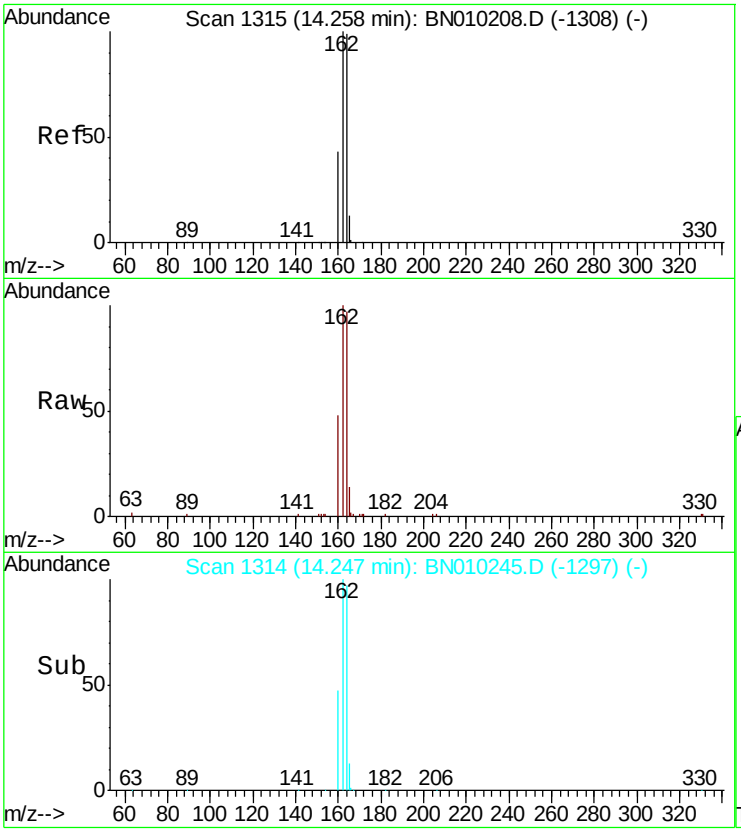


#12
2-Methylnaphthalene
Concen: 0.388 ng
RT: 12.05 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:142 Resp: 8910

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
115	36.1	31.2	46.8



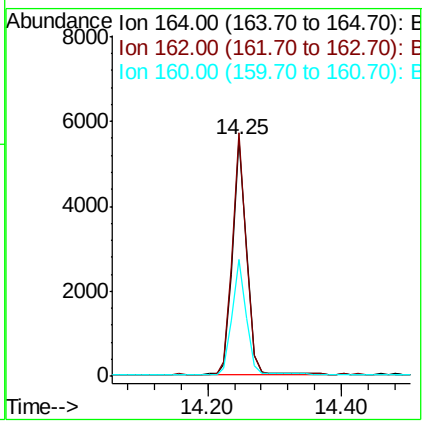


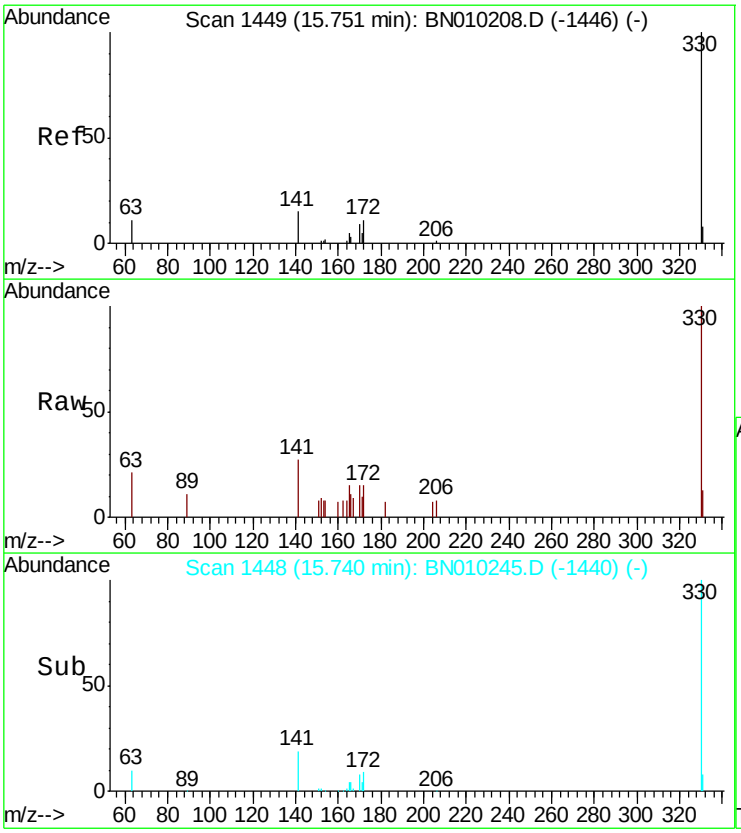
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 7772

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.0	121.4
160	49.0	35.6	53.4

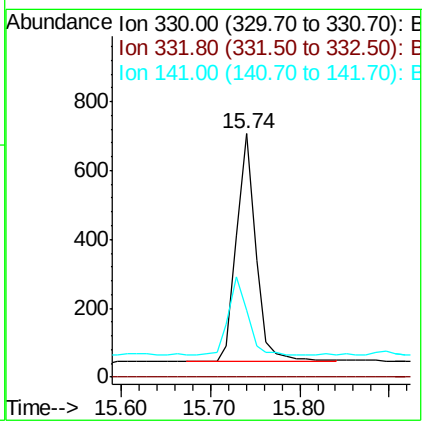


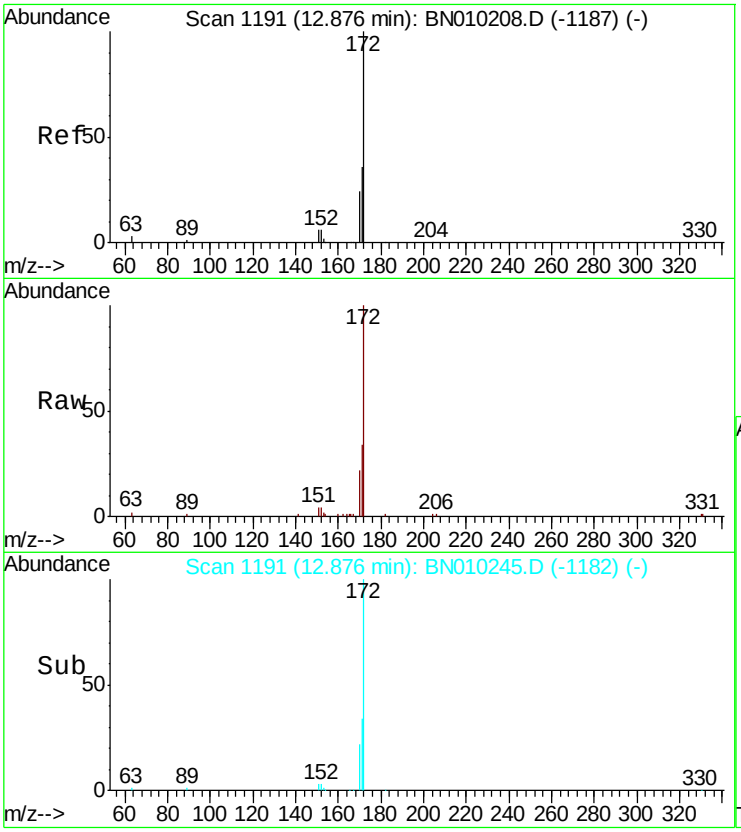


#14
2,4,6-Tribromophenol
Concen: 0.357 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:330 Resp: 992

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	25.1	37.7



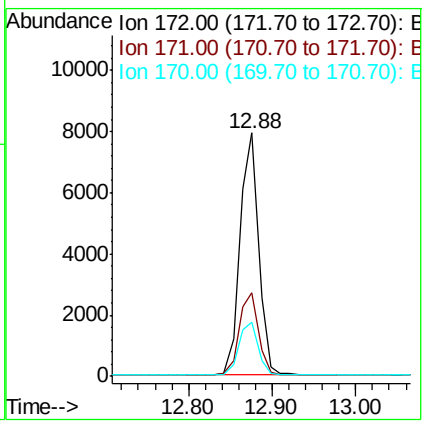


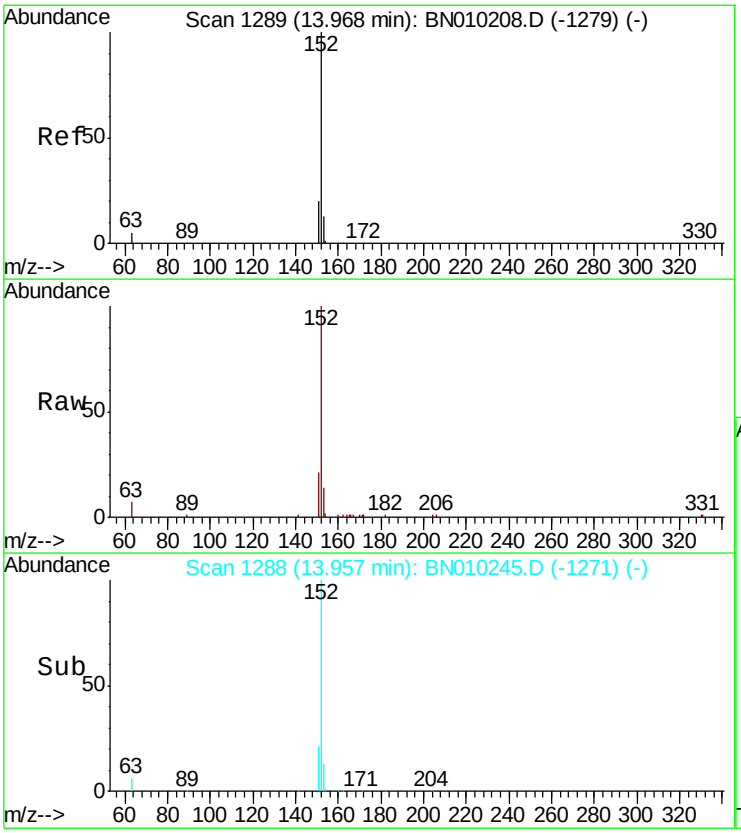
#15
2-Fluorobiphenyl
Concen: 0.440 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 12177

Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.2
170	22.1	20.2	30.4

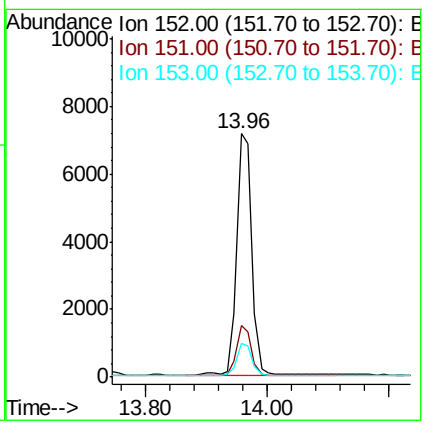


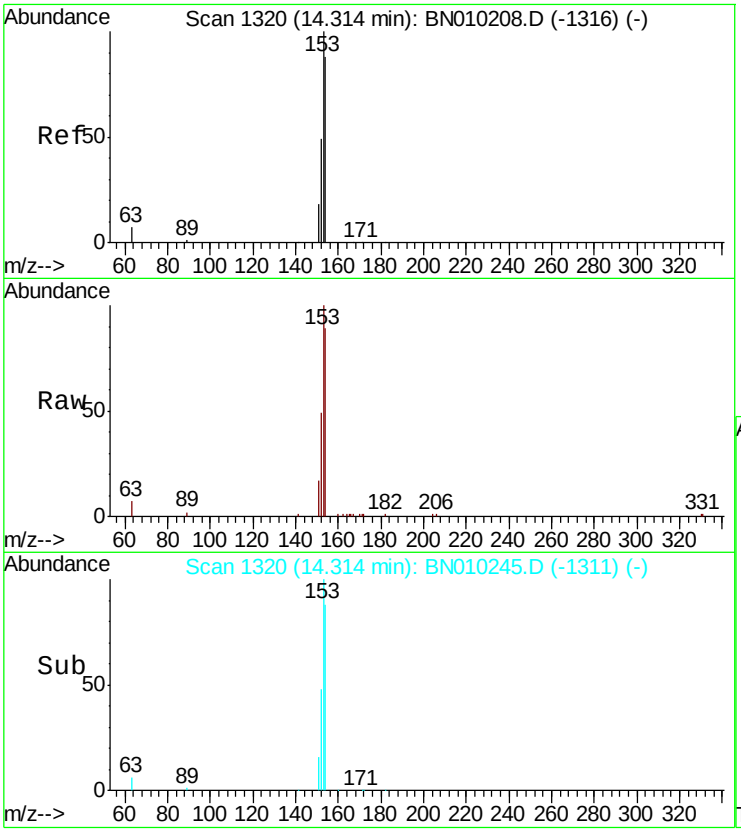


#16
Acenaphthylene
Concen: 0.342 ng
RT: 13.96 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:152 Resp: 12274

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.6	16.0



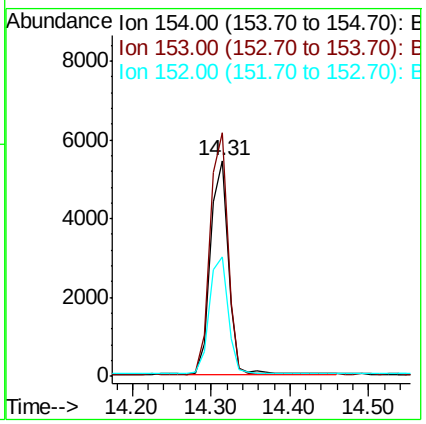


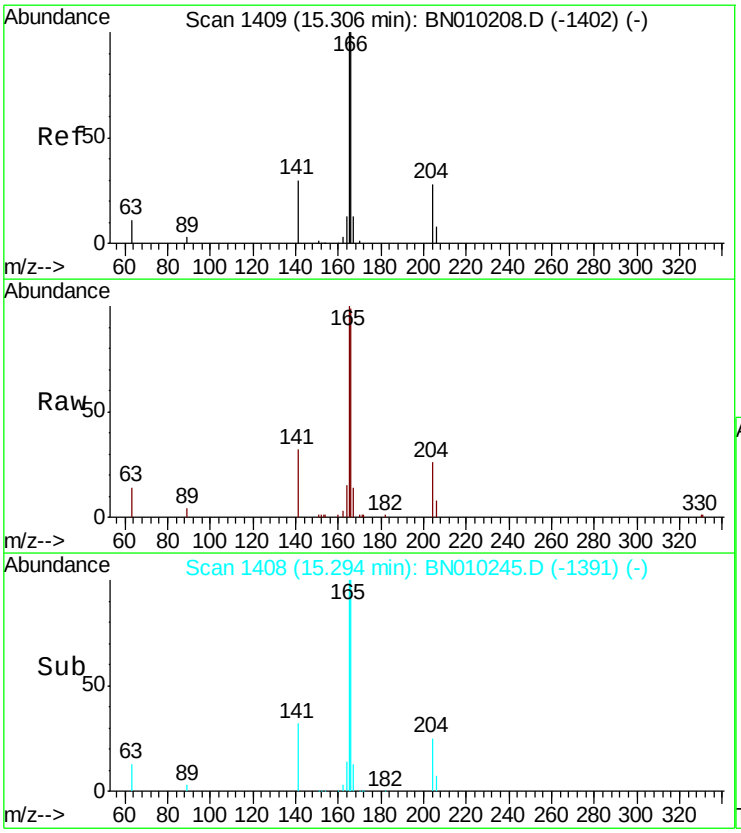
#17
Acenaphthene
Concen: 0.394 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8579

Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.3	135.5
152	57.1	42.9	64.3

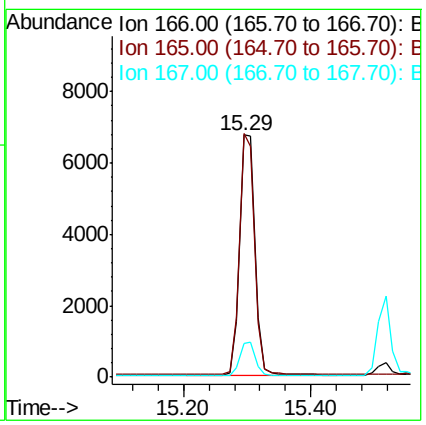


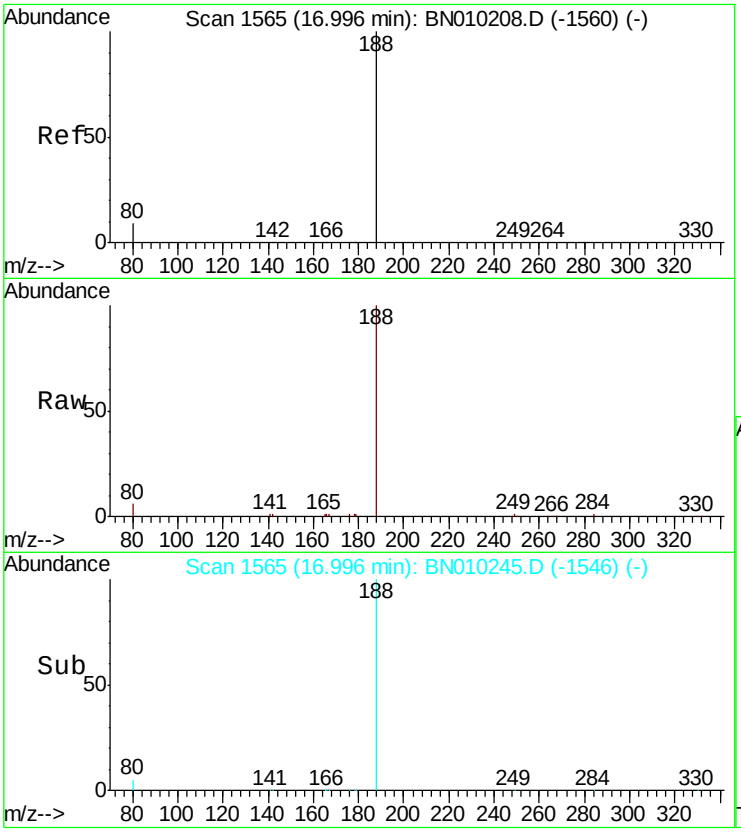


#18
Fluorene
Concen: 0.382 ng
RT: 15.29 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:166 Resp: 11330

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.3	117.5
167	13.6	10.7	16.1



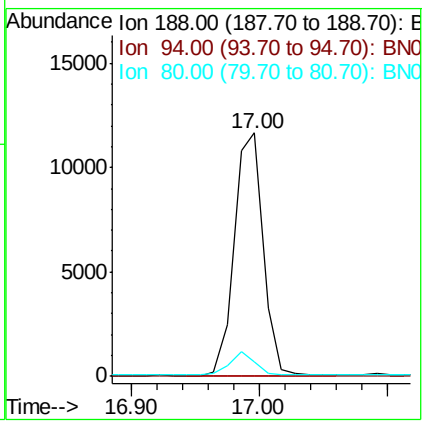


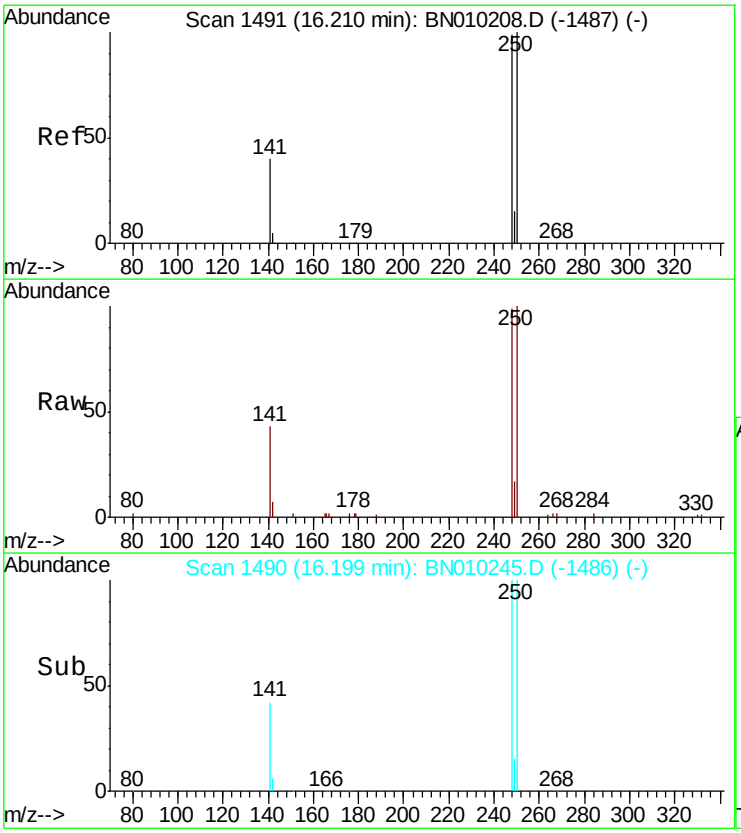
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 18253

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.7	8.6	12.8#

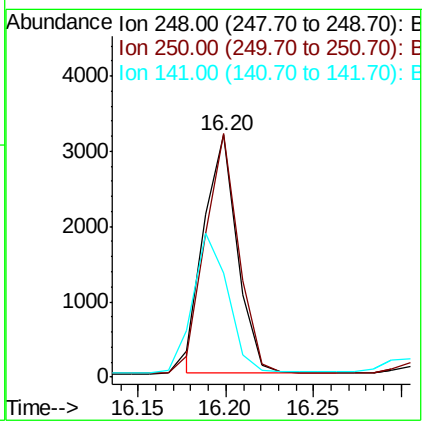


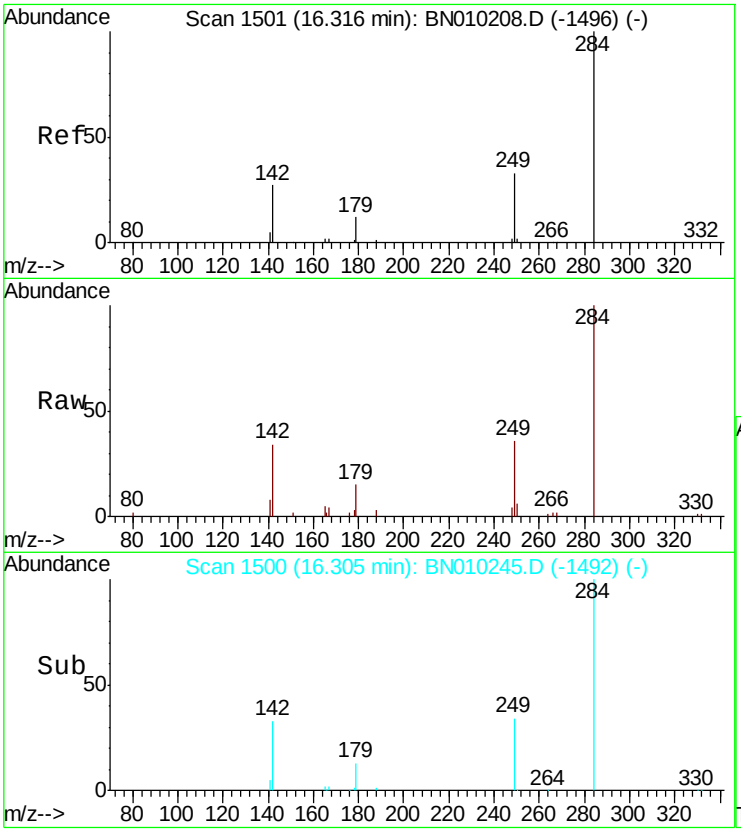


#20
4-Bromophenyl-phenylether
Concen: 0.392 ng
RT: 16.20 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:248 Resp: 4107

Ion	Ratio	Lower	Upper
248	100		
250	100.6	81.2	121.8
141	43.3	36.7	55.1



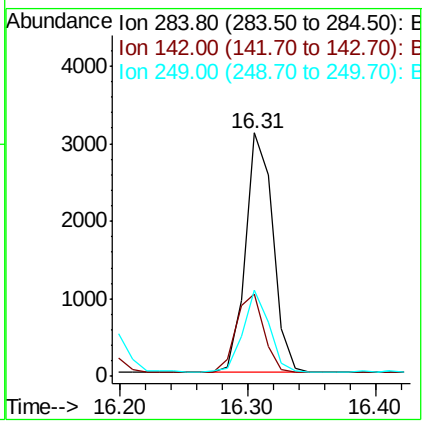


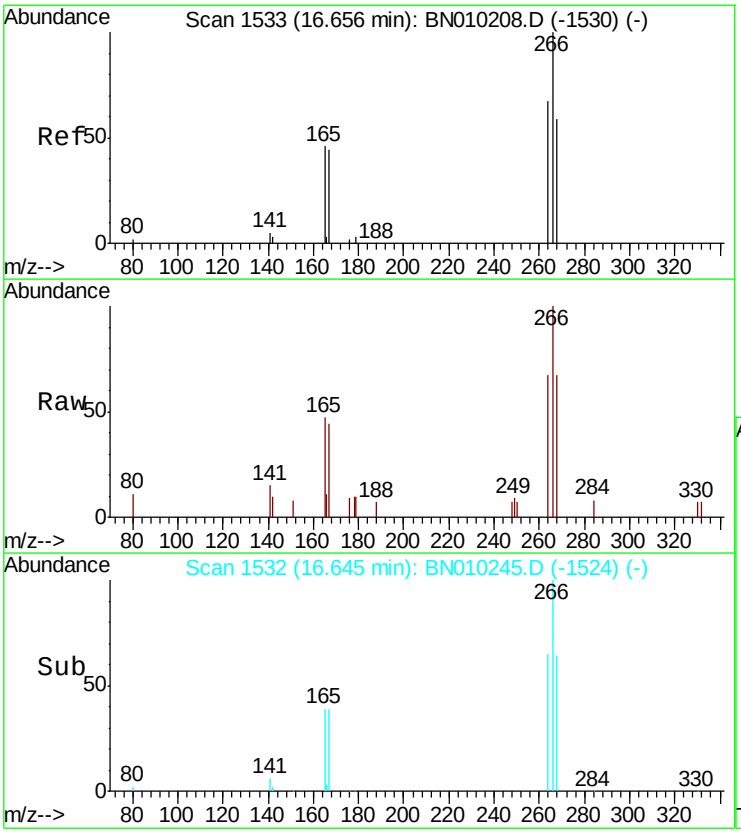
#21
Hexachlorobenzene
Concen: 0.452 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4628

Ion	Ratio	Lower	Upper
284	100		
142	33.4	27.8	41.6
249	32.6	26.6	39.8

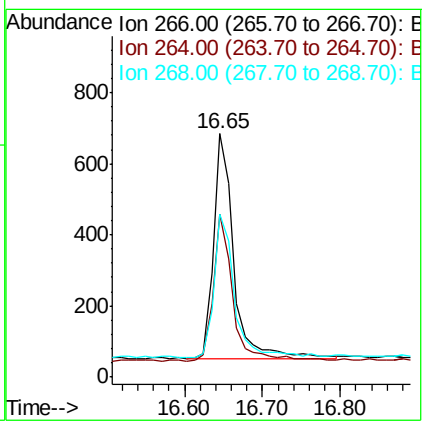


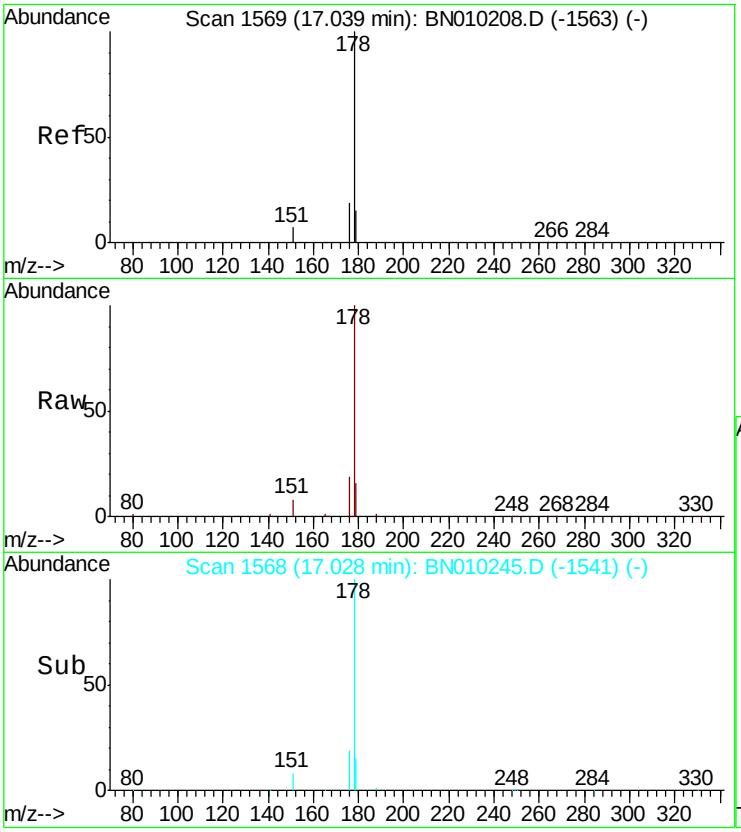


#22
Pentachlorophenol
Concen: 0.357 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:266 Resp: 1127

Ion	Ratio	Lower	Upper
266	100		
264	66.7	56.2	84.2
268	67.0	61.4	92.2



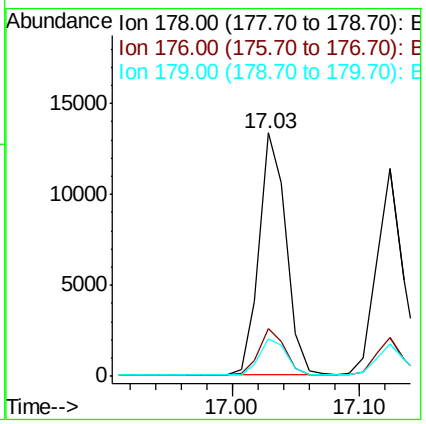


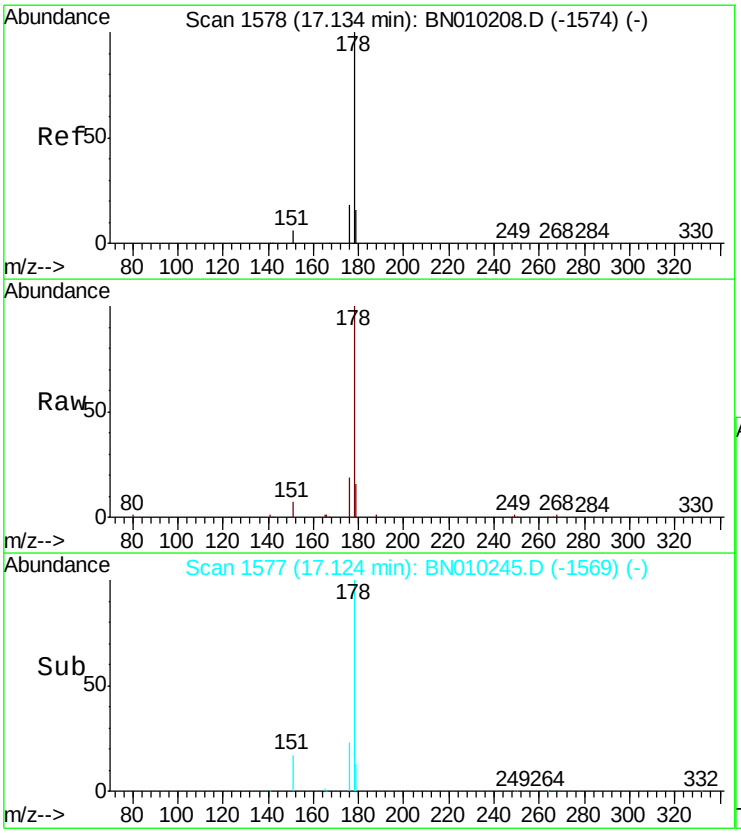
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 19629

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.5	18.7

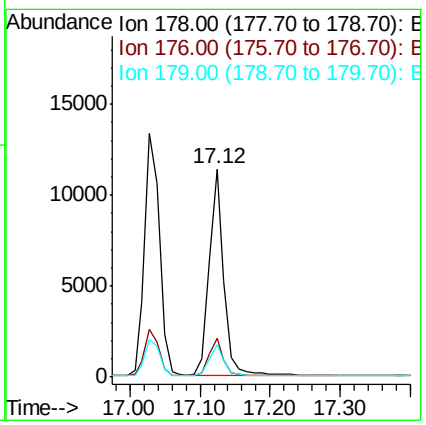


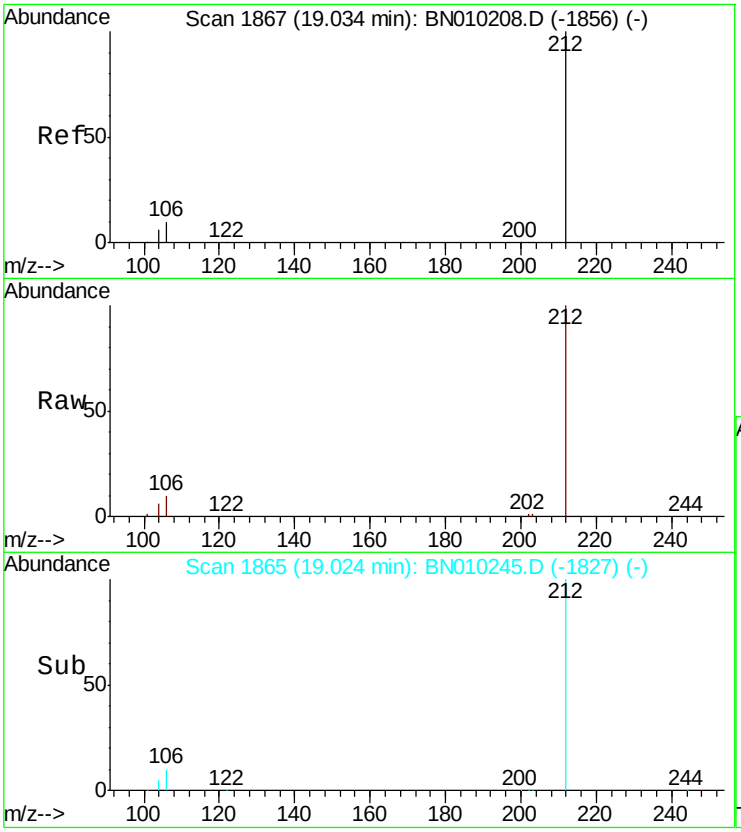


#24
Anthracene
Concen: 0.341 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:178 Resp: 16461

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	15.1	12.5	18.7



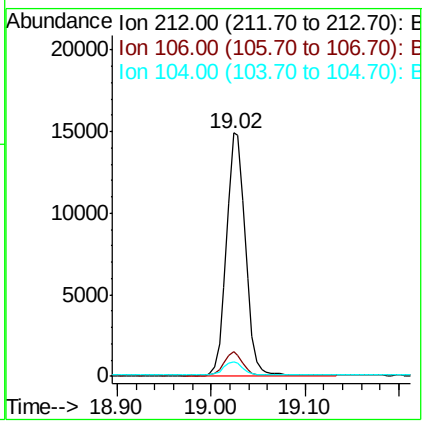


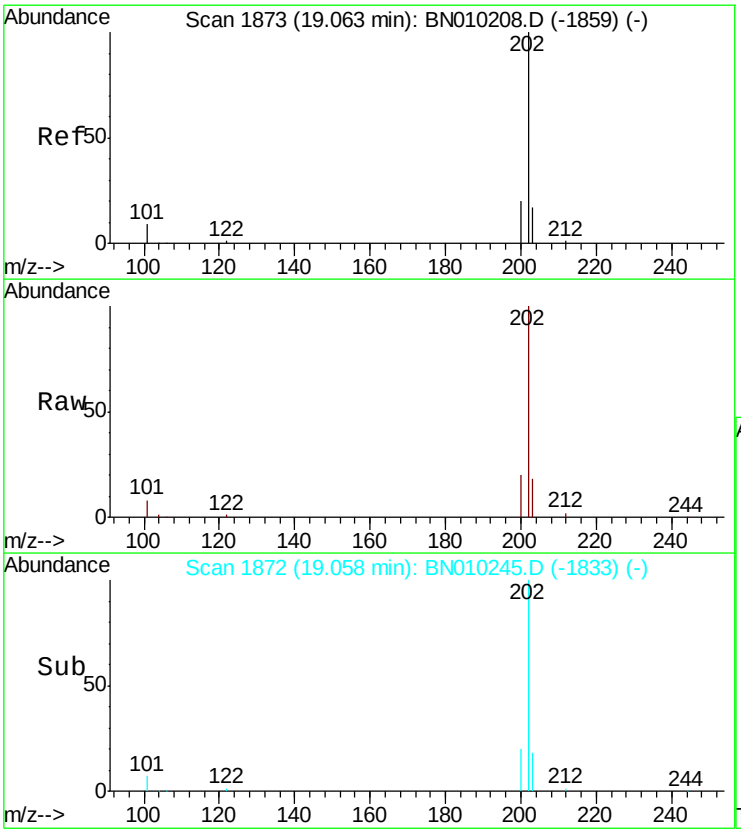
#25
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 20726

Ion	Ratio	Lower	Upper
212	100		
106	9.6	8.1	12.1
104	5.4	4.7	7.1

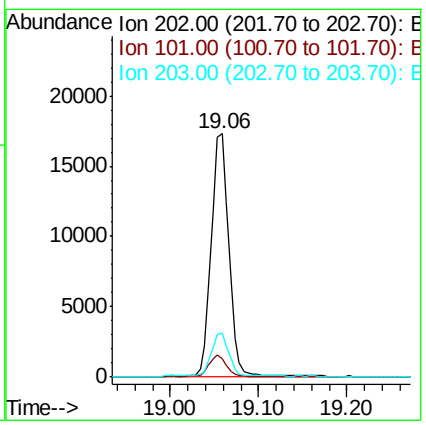


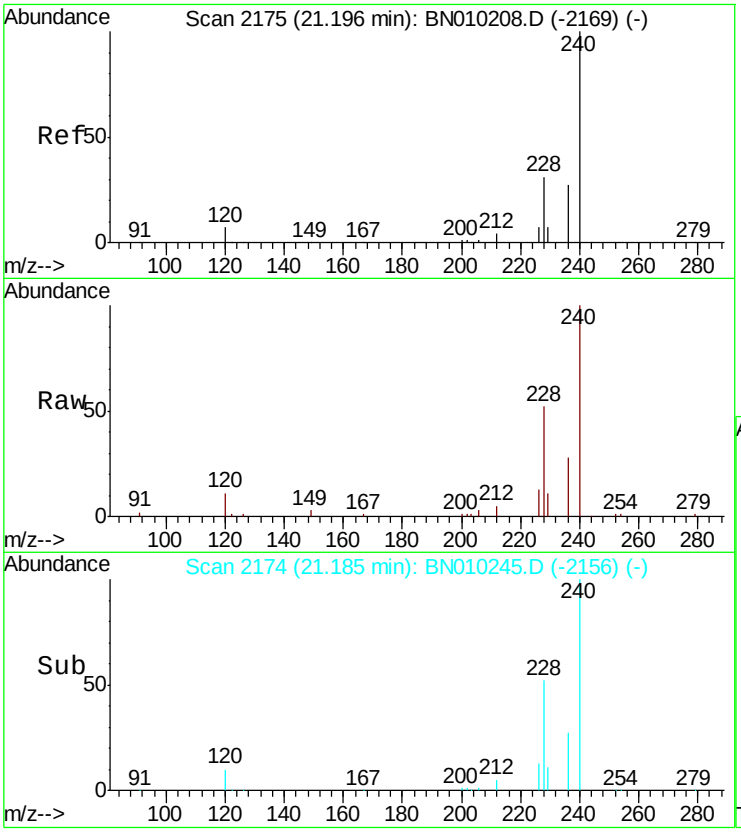


#26
Fluoranthene
Concen: 0.384 ng
RT: 19.06 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:202 Resp: 23549

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.0	10.6
203	17.3	13.9	20.9



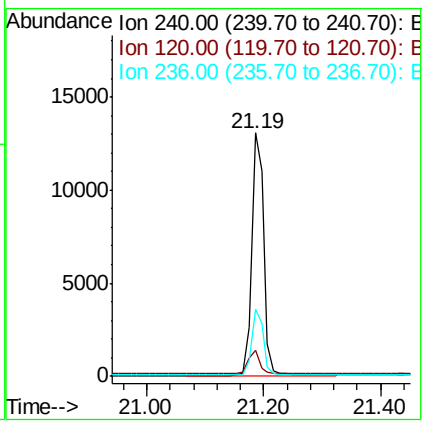


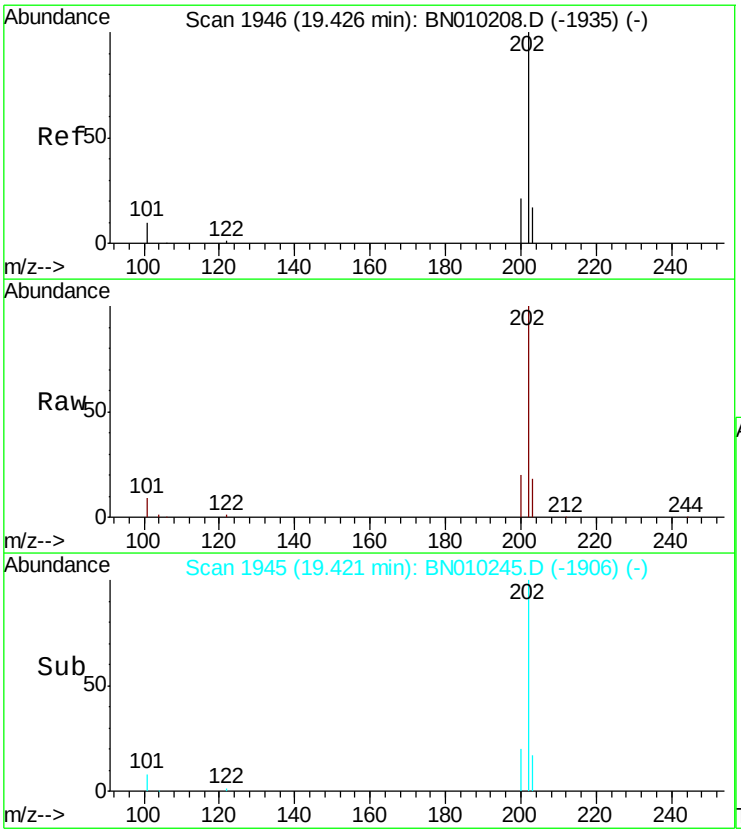
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18534

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.7	11.5
236	27.7	21.8	32.6

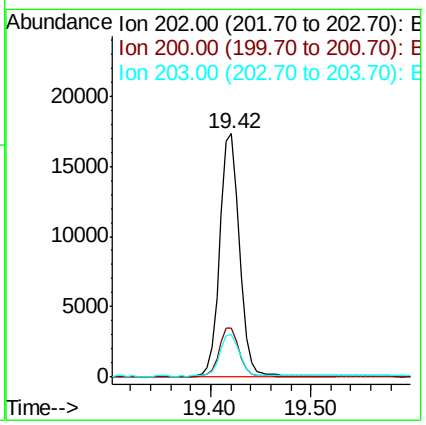


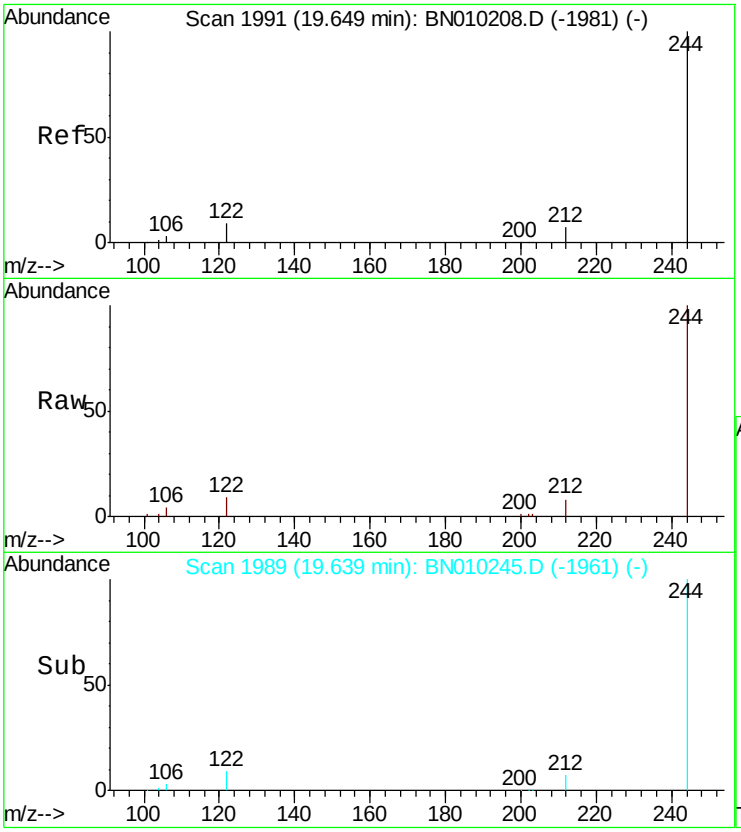


#28
Pyrene
Concen: 0.379 ng
RT: 19.42 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:202 Resp: 23489

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.6	24.8
203	17.3	14.1	21.1



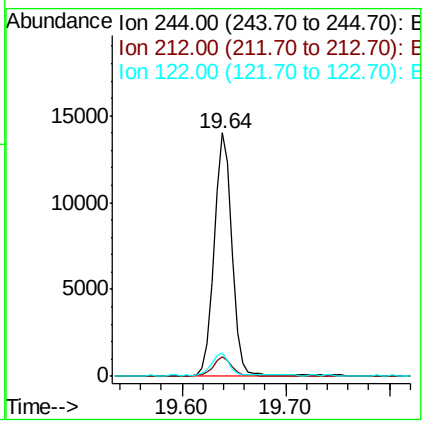


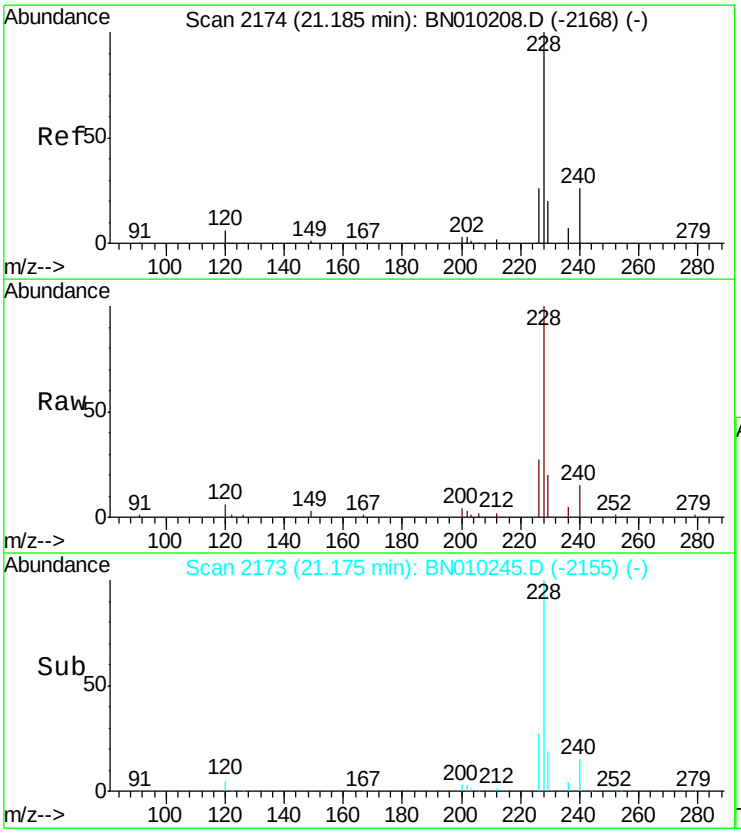
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.64 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 16539

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	9.5	8.1	12.1

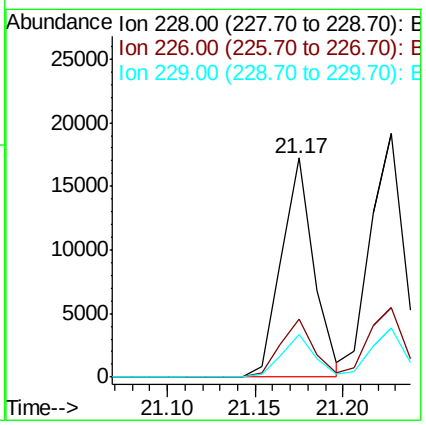


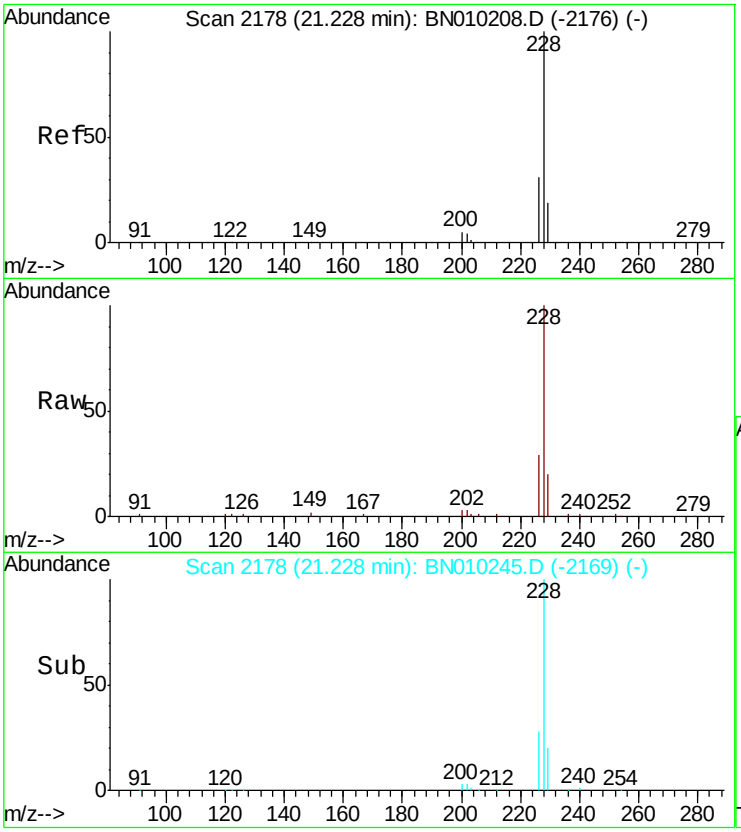


#30
Benzo(a)anthracene
Concen: 0.349 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:228 Resp: 22019

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.1	31.7
229	19.7	16.2	24.4



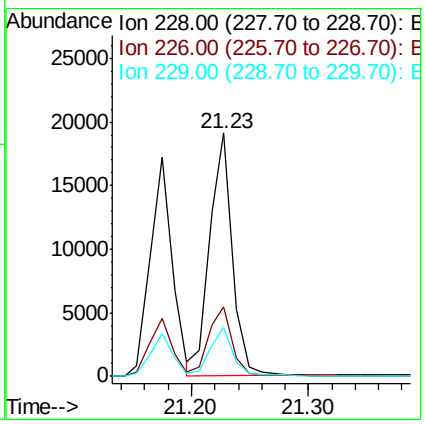


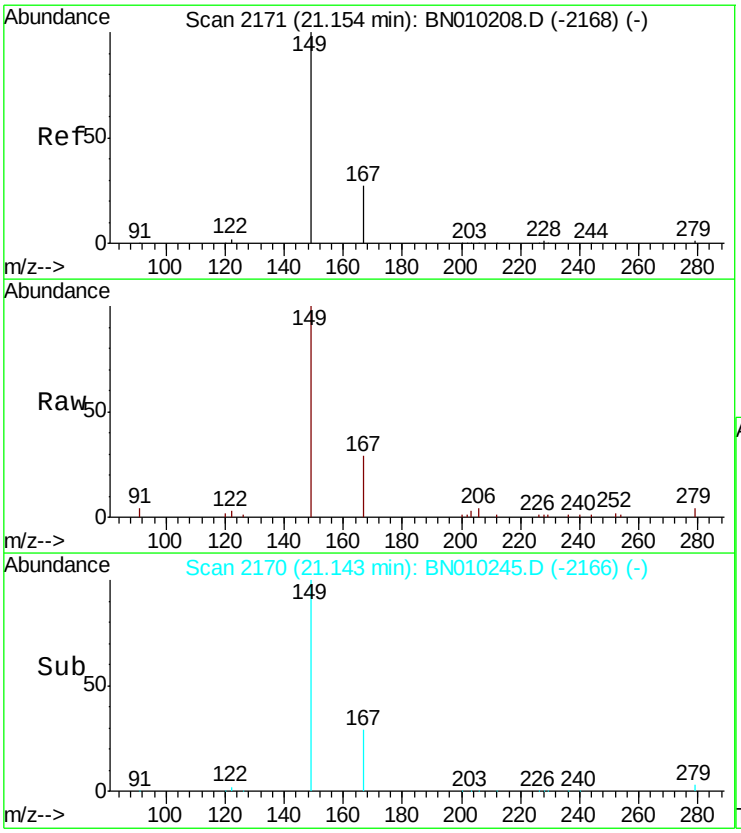
#31
Chrysene
Concen: 0.412 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 25575

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.4
229	20.0	15.7	23.5

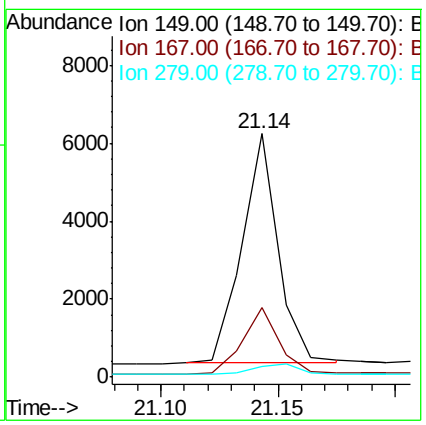


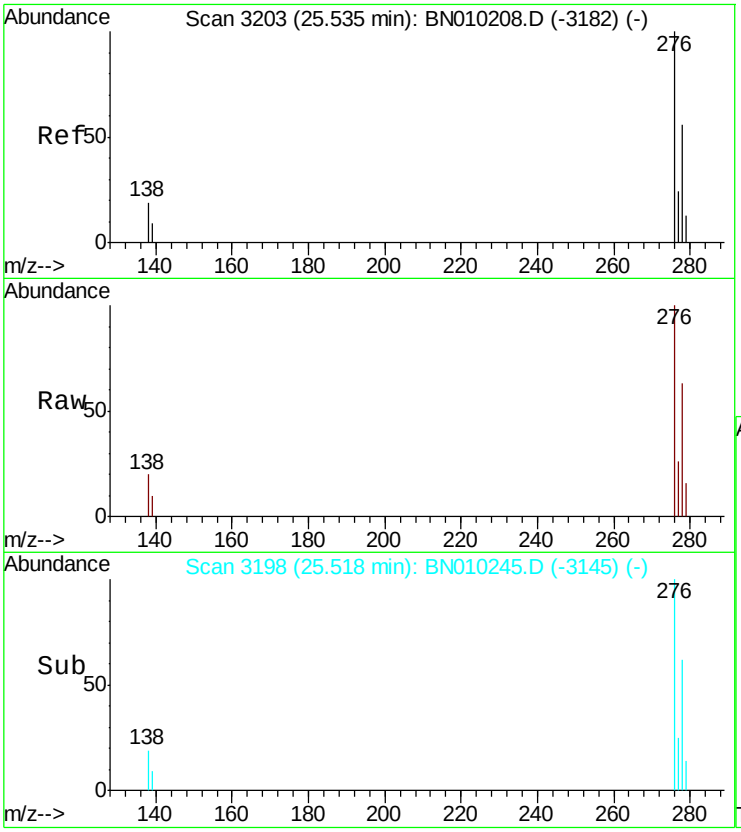


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.235 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:149 Resp: 6303

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.0	31.4
279	5.1	3.1	4.7#



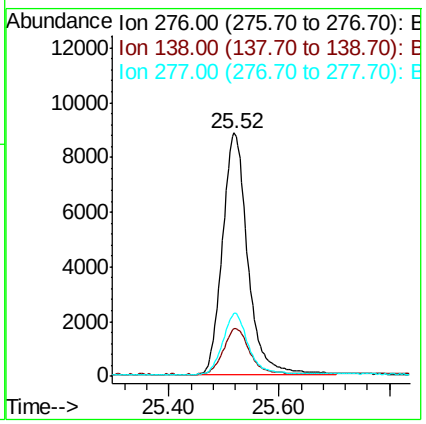


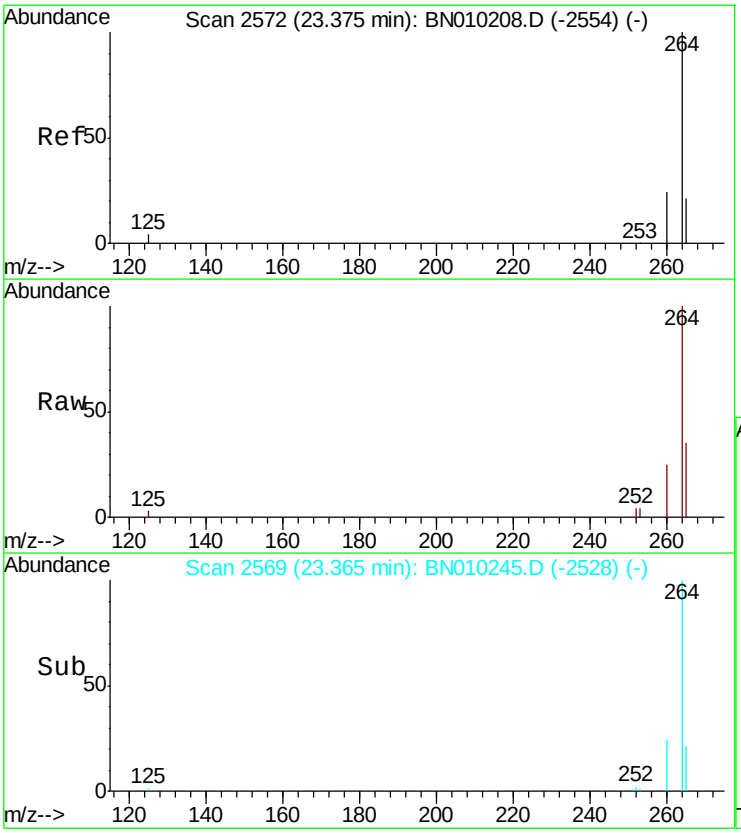
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 28269

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.8	23.6
277	25.0	19.3	28.9

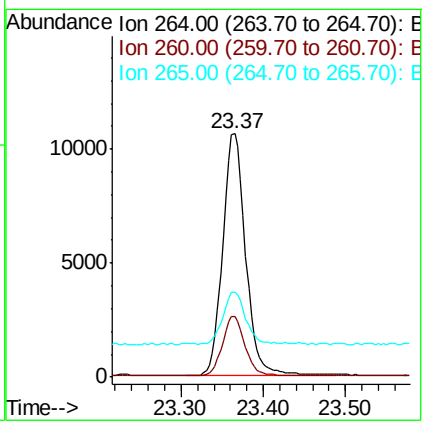


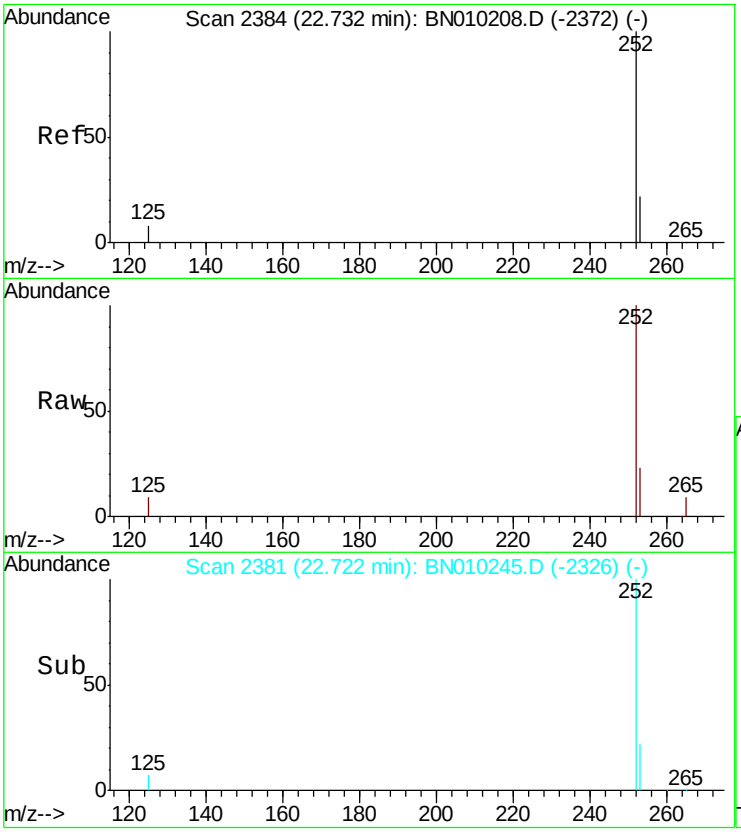


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:264 Resp: 20614

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	34.7	25.8	38.6



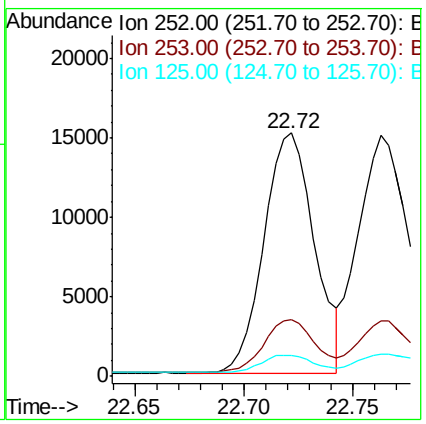


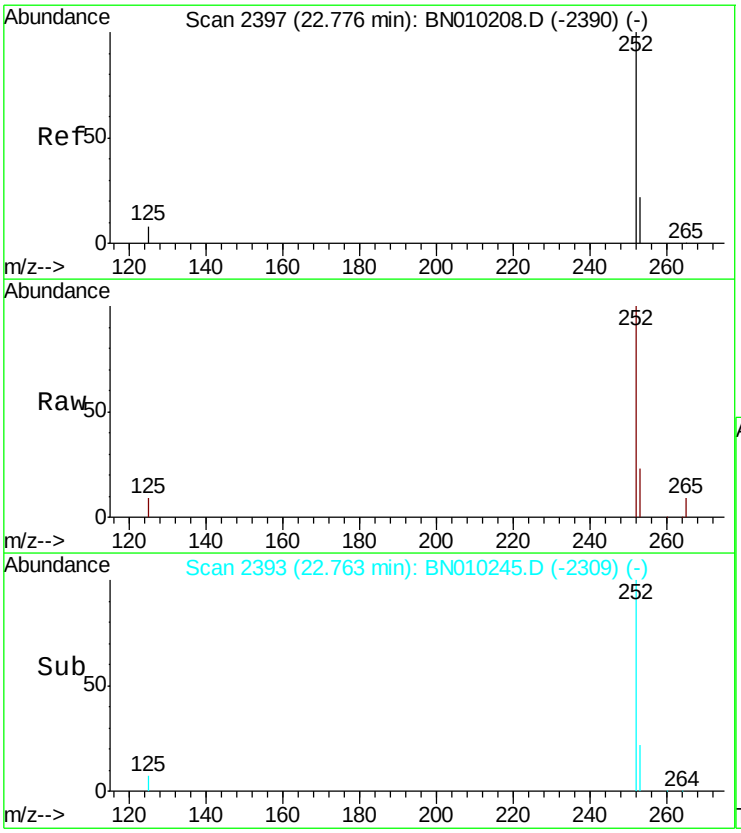
#35
Benzo(b)fluoranthene
Concen: 0.384 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24334

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.6	28.0
125	8.5	7.9	11.9

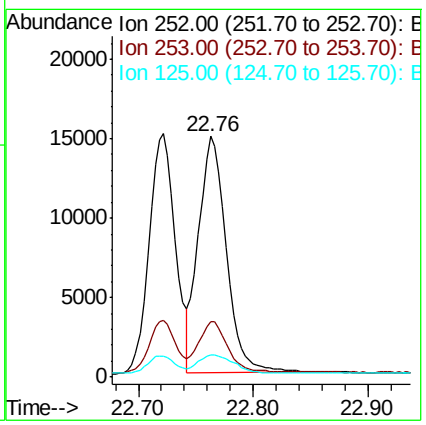


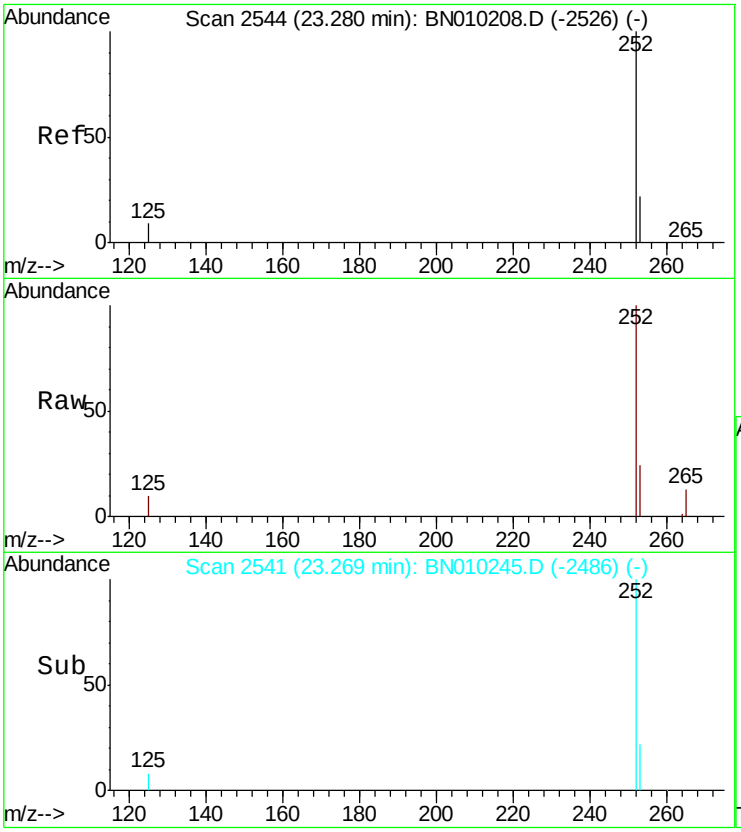


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 22.76 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:252 Resp: 25311

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.8	28.2
125	9.0	8.2	12.4



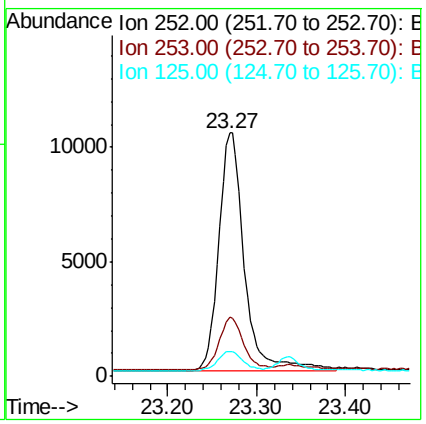


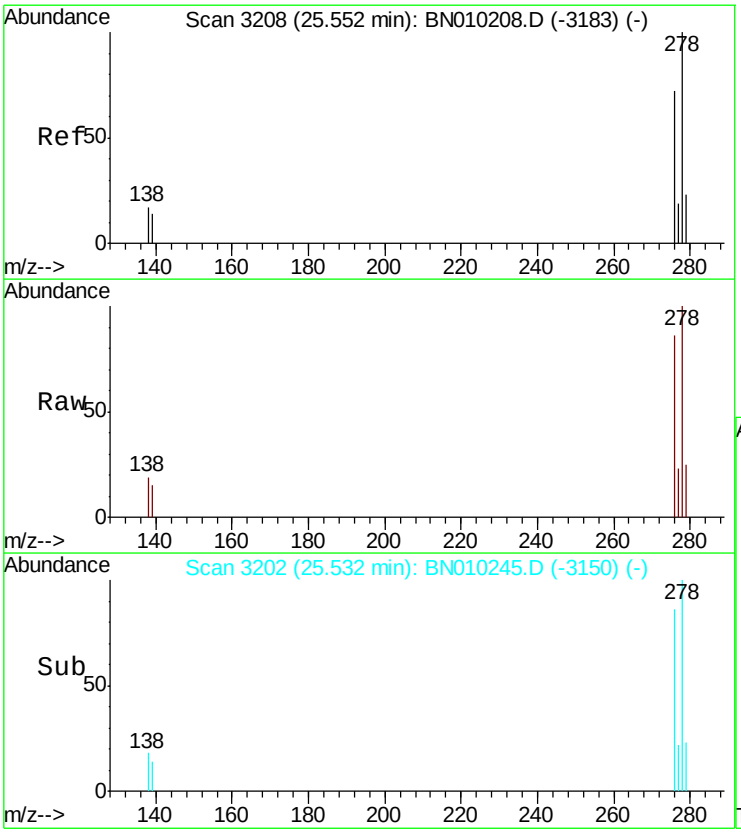
#37
Benzo(a)pyrene
Concen: 0.349 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 20894

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.1	28.7
125	10.2	9.2	13.8

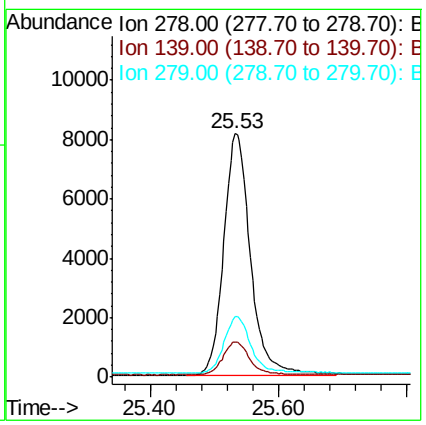


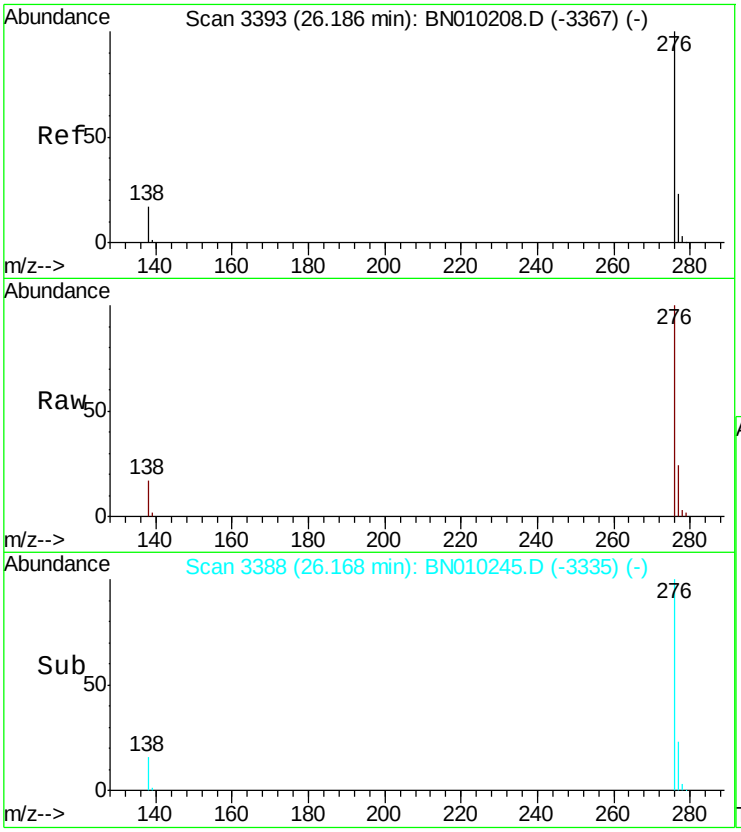


#38
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 25.53 min Scan# 3202
Delta R.T. -0.02 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Tgt Ion:278 Resp: 23715

Ion	Ratio	Lower	Upper
278	100		
139	14.5	12.4	18.6
279	24.8	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.388 ng
RT: 26.17 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BN010245.D
Acq: 17 Mar 2020 18:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 23217

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	17.2	15.4	23.2