Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031820\
Data File : BN010266.D
Acq On : 18 Mar 2020 16:44
Operator : CG/JU
Sample : PB127606BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB127606BS

Quant Time: Mar 19 01:13:06 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	3516	0.40	ng		0.00
7) Naphthalene-d8	10.38	136	12170	0.40	ng		-0.01
13) Acenaphthene-d10	14.24	164	7438	0.40	ng		-0.02
19) Phenanthrene-d10	16.98	188	17945	0.40	ng		-0.01
27) Chrysene-d12	21.19	240	18223	0.40	ng		0.00
34) Perylene-d12	23.36	264	19509	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	2684	0.33	ng		-0.02
5) Phenol-d6	6.81	99	3398	0.33	ng		0.00
8) Nitrobenzene-d5	8.76	82	2913	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	11.98	152	7719	0.38	ng		-0.01
14) 2,4,6-Tribromophenol	15.74	330	978	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.87	172	11750	0.44	ng		0.00
25) Fluoranthene-d10	19.02	212	20641	0.37	ng		-0.01
29) Terphenyl-d14	19.63	244	16246	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	1366	0.398	ng	#	54
3) n-Nitrosodimethylamine	3.57	42	905	0.298	ng	#	26
6) bis(2-Chloroethyl)ether	7.06	93	3313	0.385	ng		97
9) Naphthalene	10.43	128	12019	0.394	ng		96
10) Hexachlorobutadiene	10.73	225	2974	0.424	ng	#	97
12) 2-Methylnaphthalene	12.05	142	8401	0.384	ng		96
16) Acenaphthylene	13.95	152	11315	0.330	ng		99
17) Acenaphthene	14.31	154	8294	0.398	ng		97
18) Fluorene	15.29	166	11004	0.388	ng		99
20) 4-Bromophenyl-phenylether	16.20	248	4230	0.411	ng		94
21) Hexachlorobenzene	16.30	284	4583	0.455	ng		98
22) Pentachlorophenol	16.64	266	1194	0.384	ng		90
23) Phenanthrene	17.02	178	19374	0.407	ng		100
24) Anthracene	17.12	178	15984	0.337	ng		100
26) Fluoranthene	19.05	202	23216	0.385	ng		99
28) Pyrene	19.41	202	23197	0.381	ng		99
30) Benzo(a)anthracene	21.17	228	21825	0.352	ng		98
31) Chrysene	21.22	228	24598	0.403	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	5528	0.210	ng	#	95
33) Indeno(1,2,3-cd)pyrene	25.50	276	28303	0.391	ng		99
35) Benzo(b)fluoranthene	22.71	252	23733	0.396	ng		99
36) Benzo(k)fluoranthene	22.76	252	25866	0.427	ng		100
37) Benzo(a)pyrene	23.26	252	20274	0.358	ng		98
38) Dibenzo(a,h)anthracene	25.52	278	23315	0.411	ng		98
39) Benzo(g,h,i)perylene	26.15	276	22666	0.400	ng		97

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

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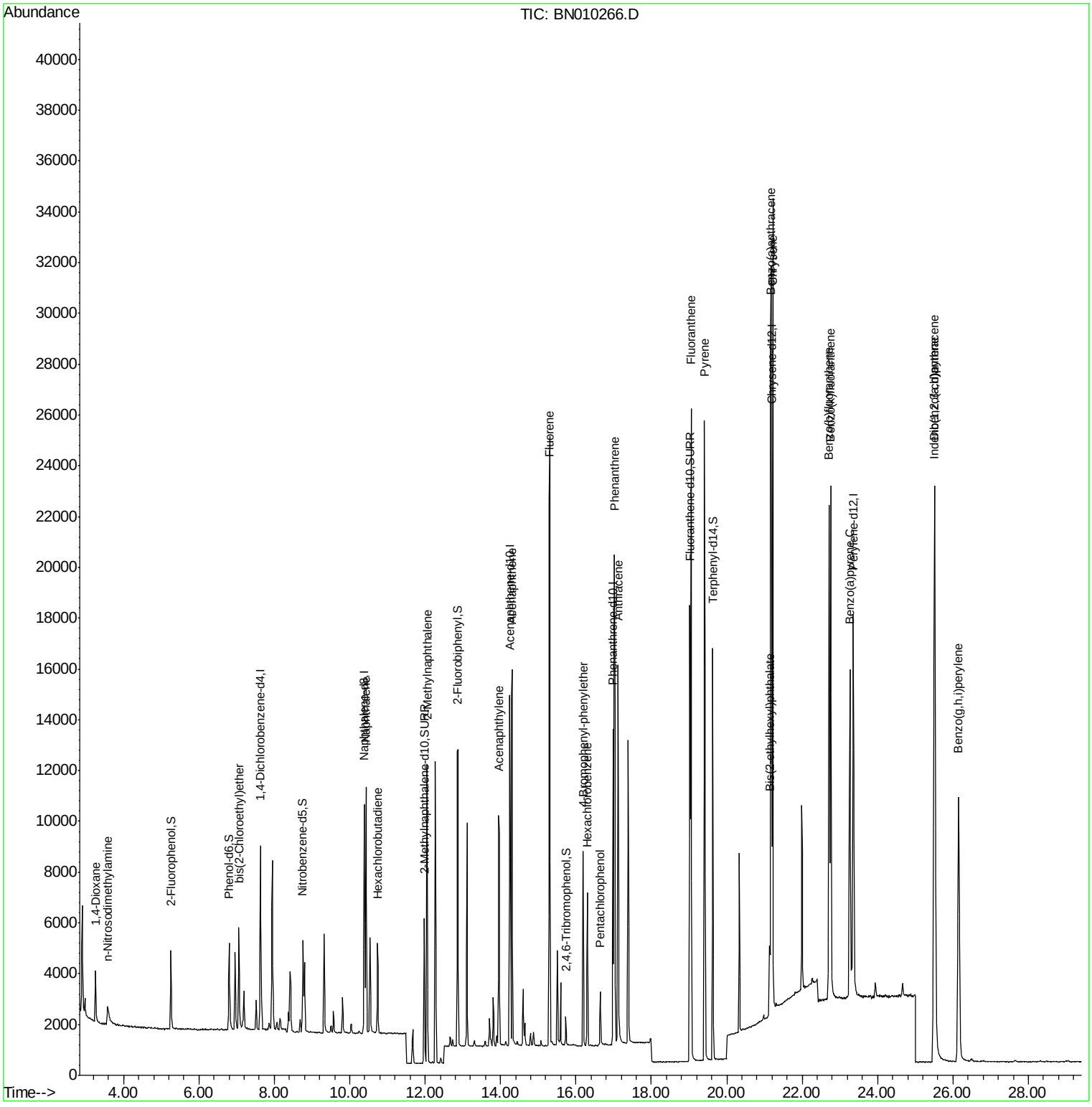
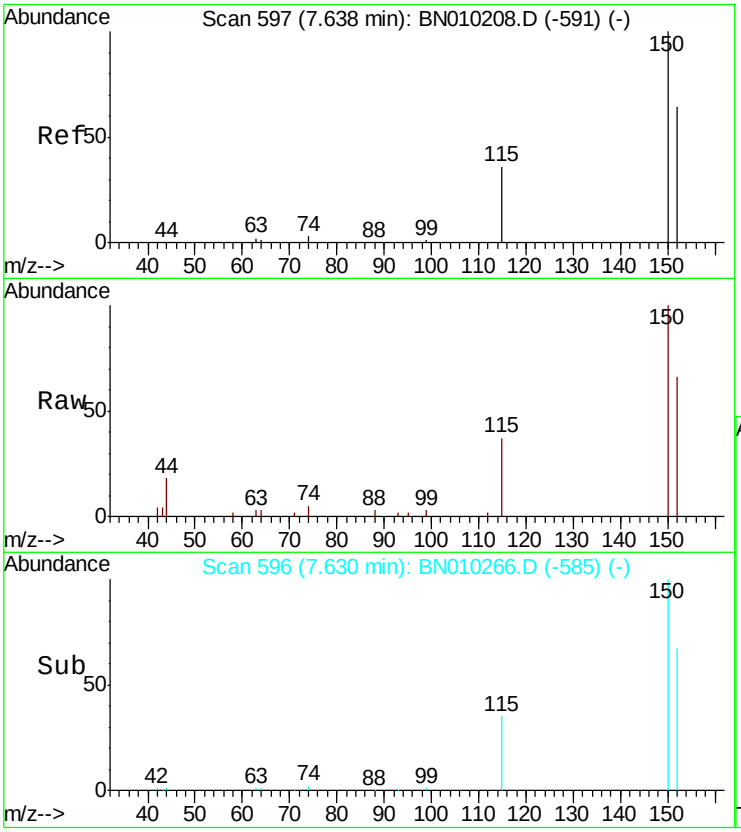
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Quant Time: Mar 19 01:13:06 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



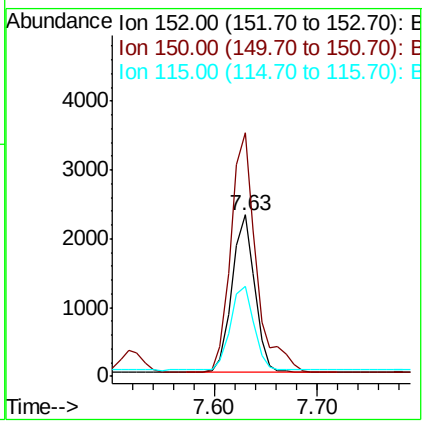


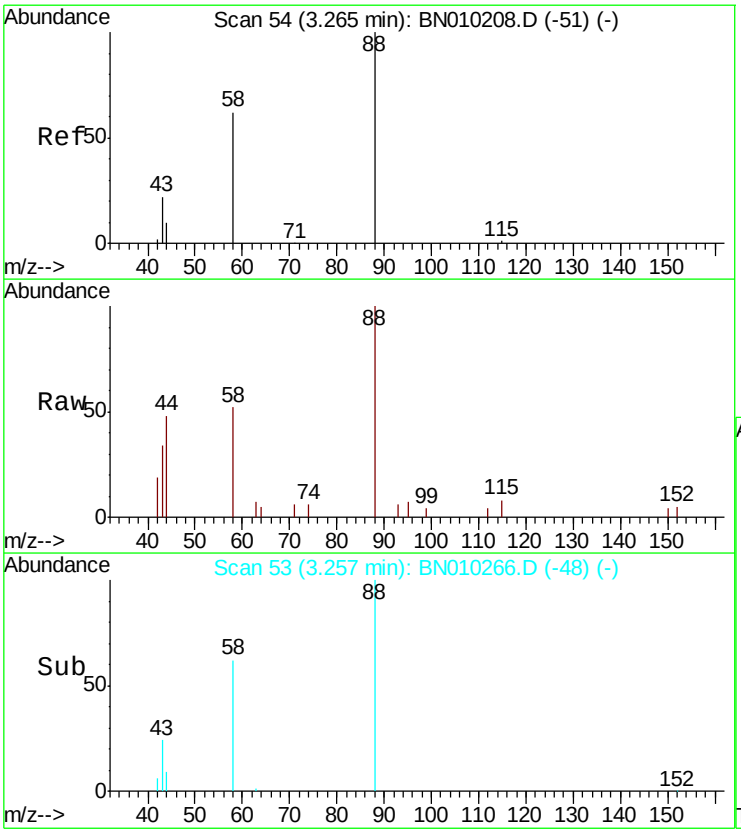
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 596
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:152 Resp: 3516

Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	55.4	50.9	76.3

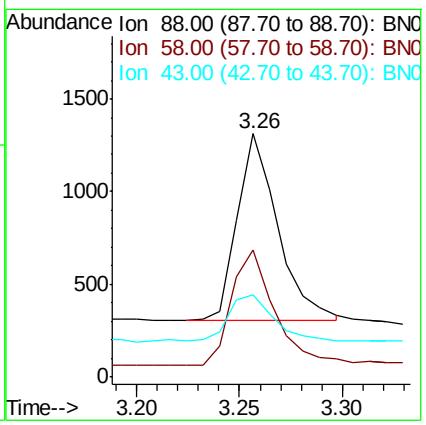


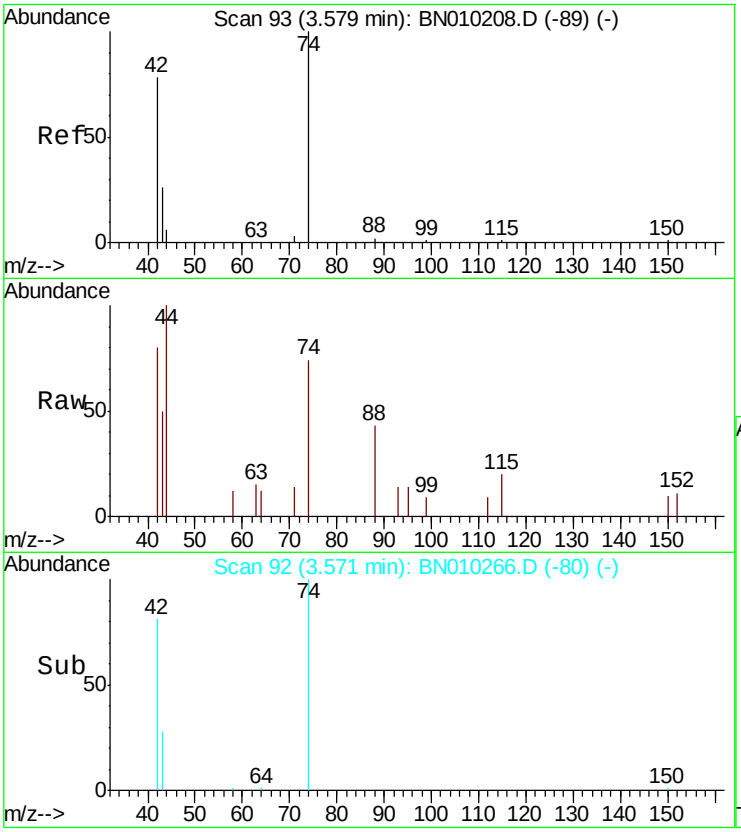


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.26 min Scan# 53
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion: 88 Resp: 1366

Ion	Ratio	Lower	Upper
88	100		
58	66.8	97.8	146.8#
43	27.1	45.1	67.7#



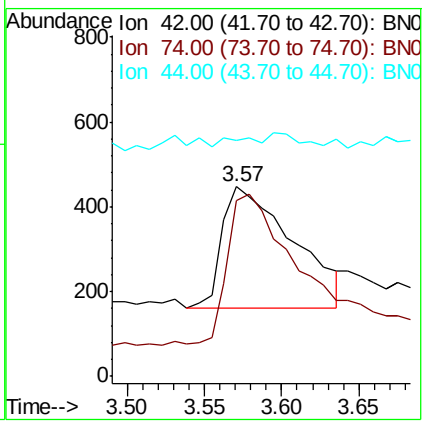


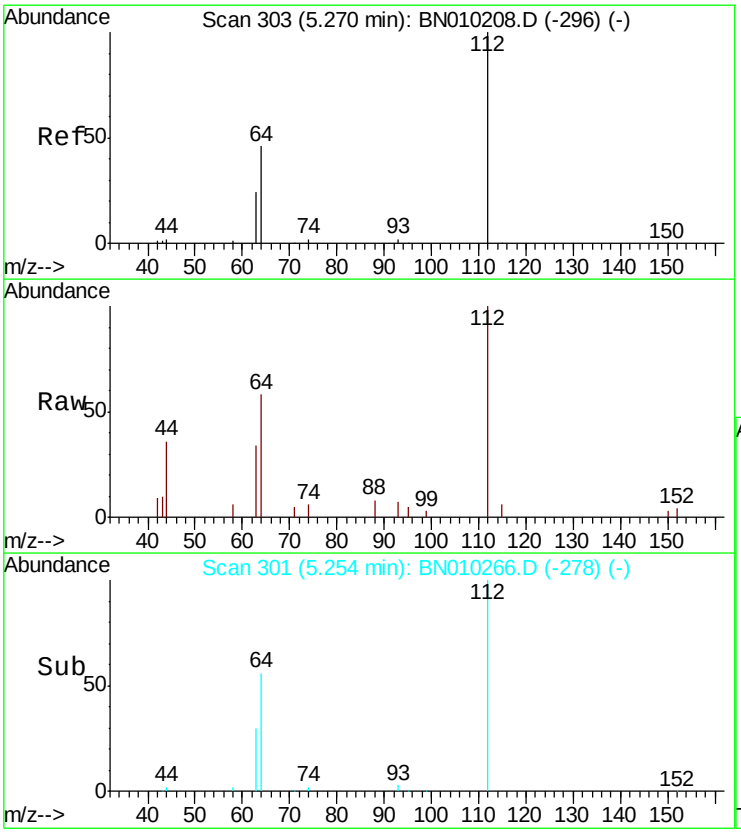
#3
n-Nitrosodimethylamine
Concen: 0.298 ng
RT: 3.57 min Scan# 92
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion: 42 Resp: 905

Ion	Ratio	Lower	Upper
42	100		
74	124.9	51.2	76.8#
44	0.0	2.6	4.0#

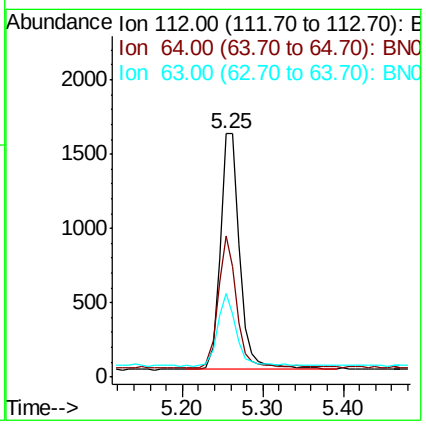


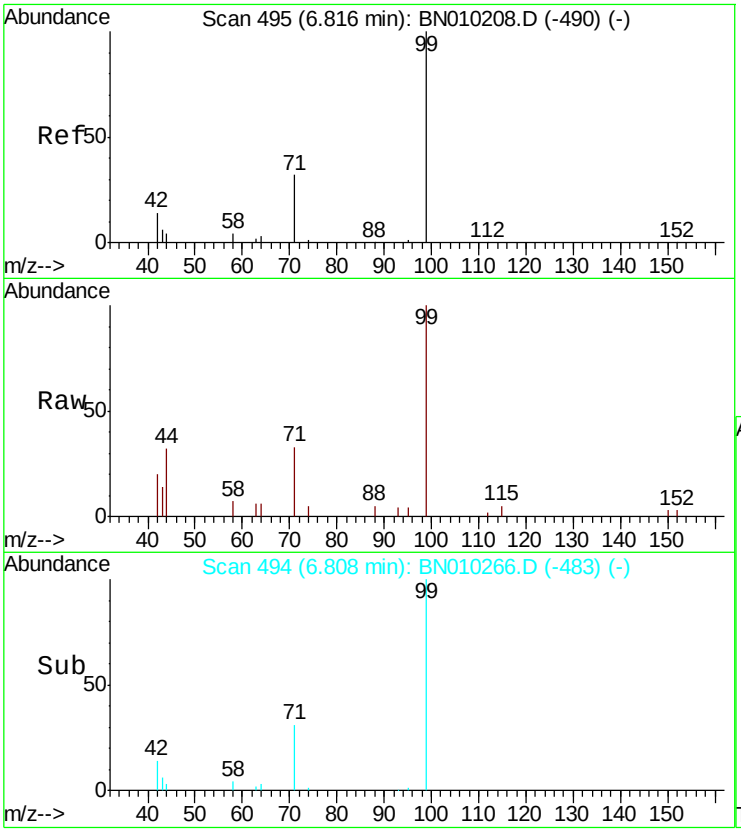


#4
2-Fluorophenol
Concen: 0.325 ng
RT: 5.25 min Scan# 301
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:112 Resp: 2684

Ion	Ratio	Lower	Upper
112	100		
64	51.9	42.6	63.8
63	29.2	23.6	35.4



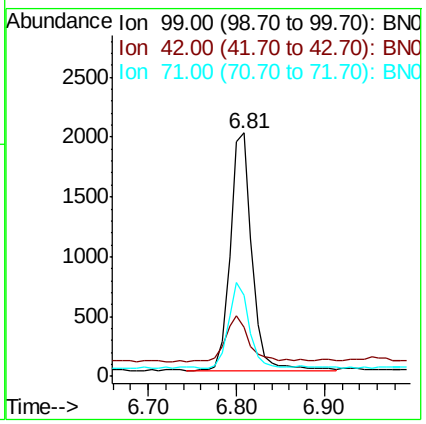


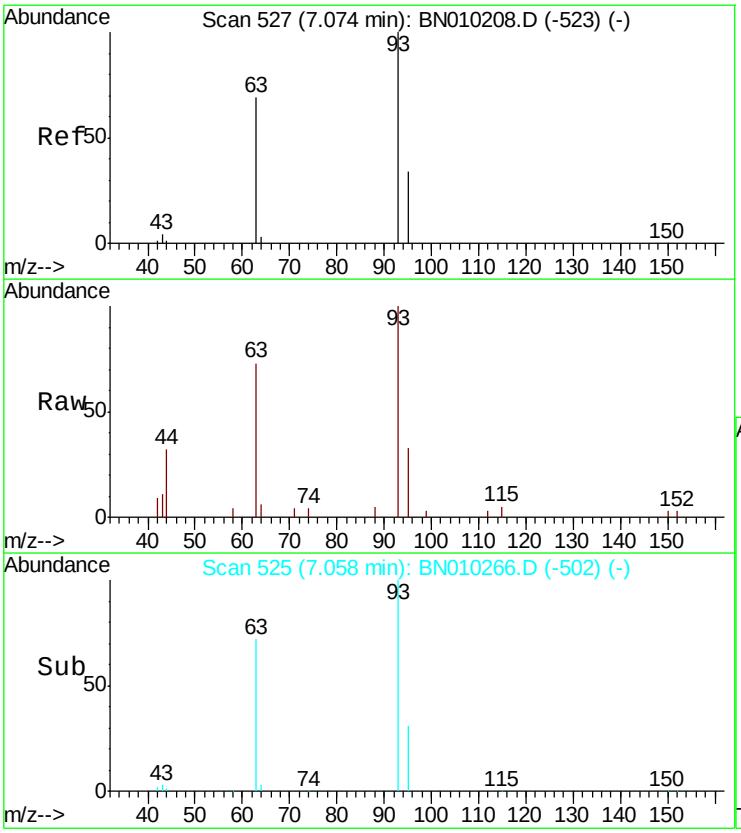
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion: 99 Resp: 3398

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.0	18.0#
71	34.1	22.6	33.8#

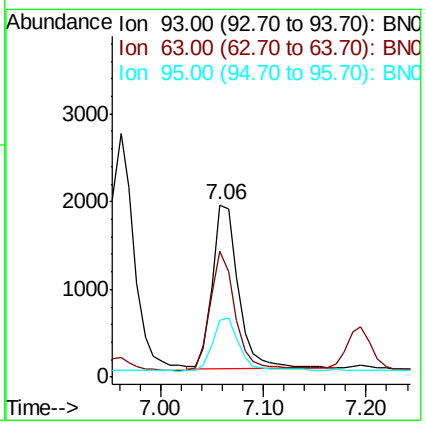


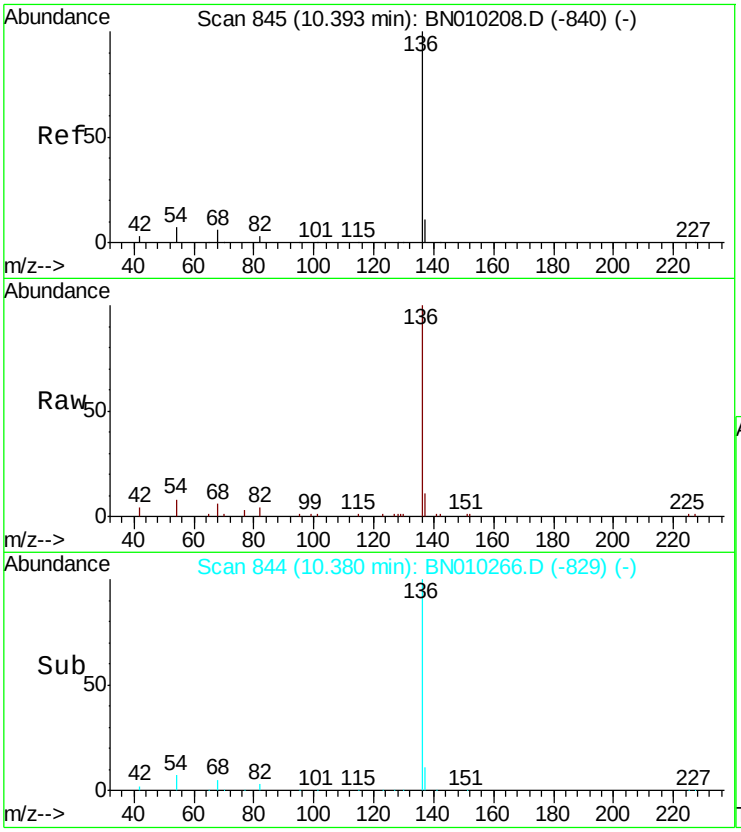


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.06 min Scan# 525
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion: 93 Resp: 3313

Ion	Ratio	Lower	Upper
93	100		
63	69.1	53.4	80.0
95	34.0	28.6	42.8



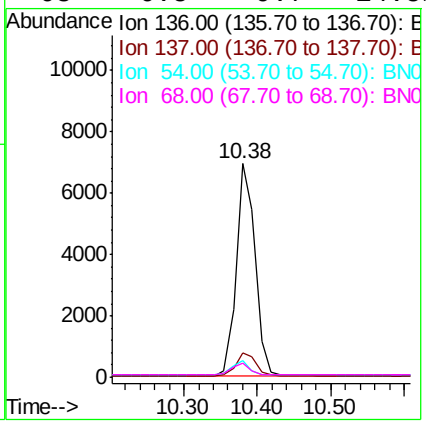


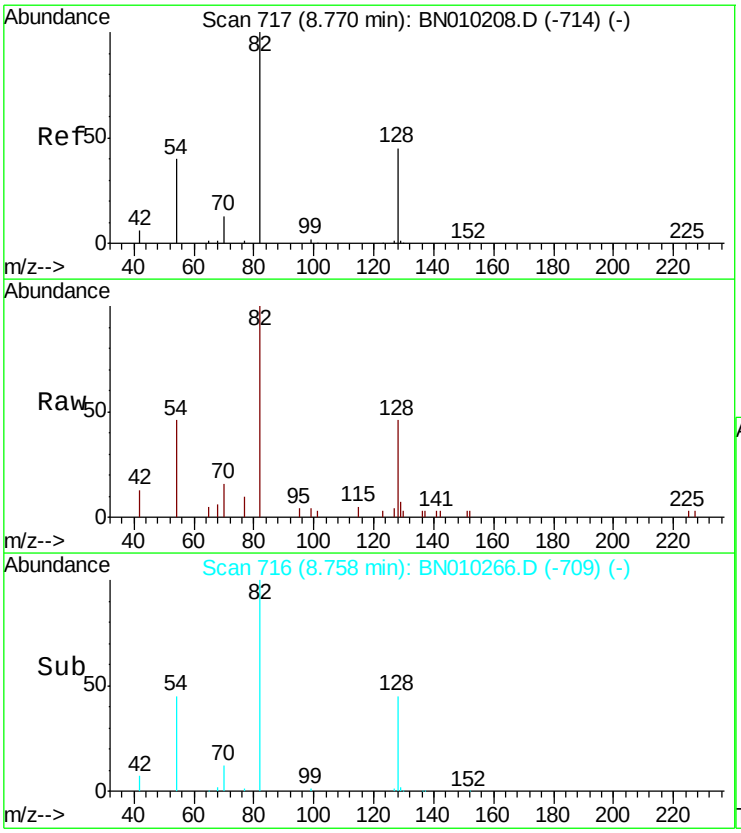
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:136 Resp: 12170

Ion	Ratio	Lower	Upper
136	100		
137	11.3	10.6	15.8
54	7.6	9.5	14.3#
68	6.5	9.7	14.5#

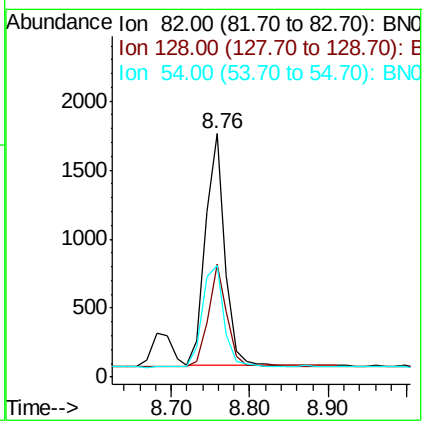


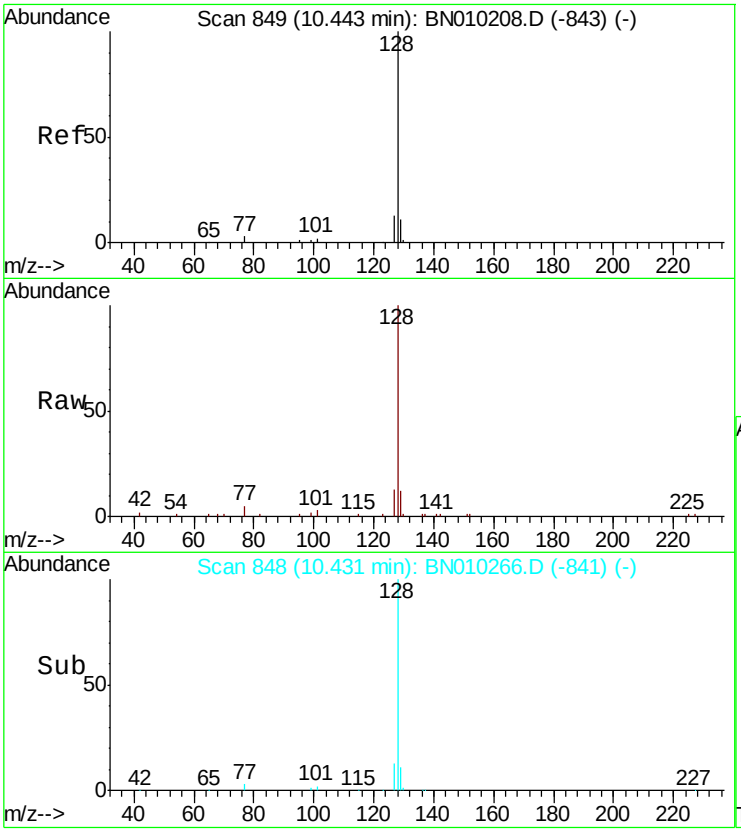


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion: 82 Resp: 2913

Ion	Ratio	Lower	Upper
82	100		
128	46.4	35.0	52.6
54	46.1	37.0	55.4



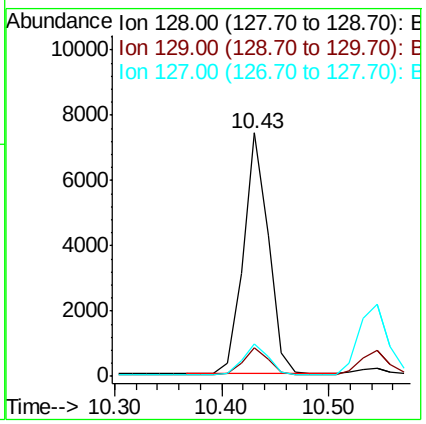


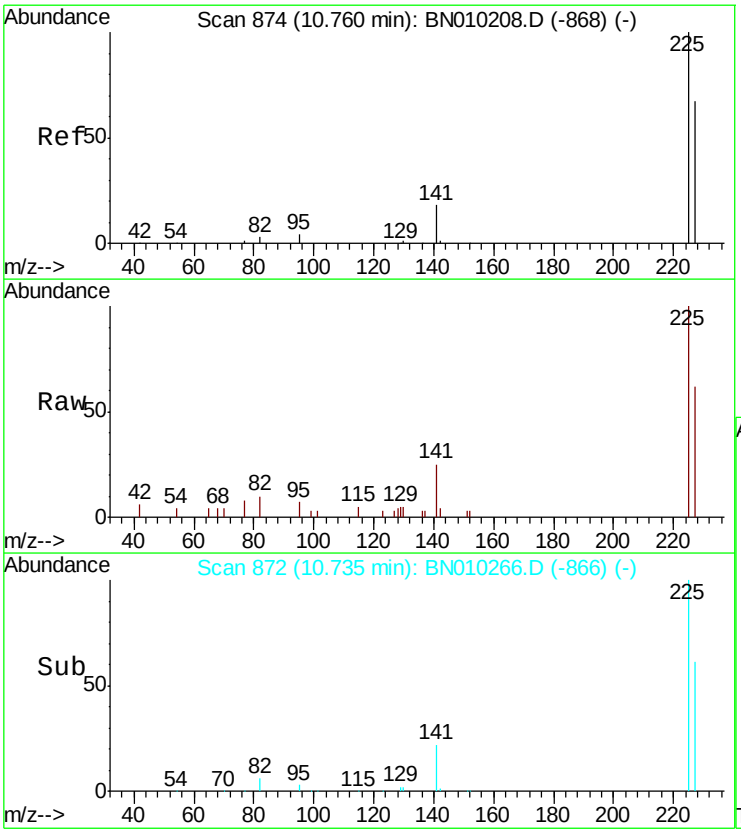
#9
Naphthalene
Concen: 0.394 ng
RT: 10.43 min Scan# 848
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:128 Resp: 12019

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.5	15.7
127	13.2	12.1	18.1

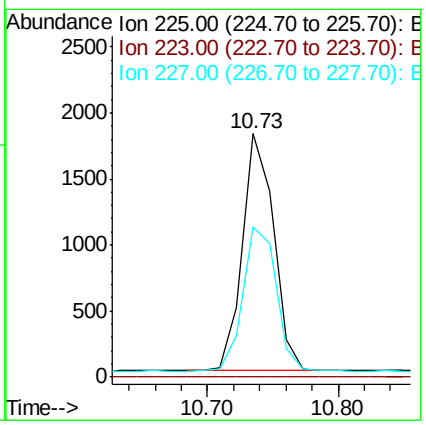


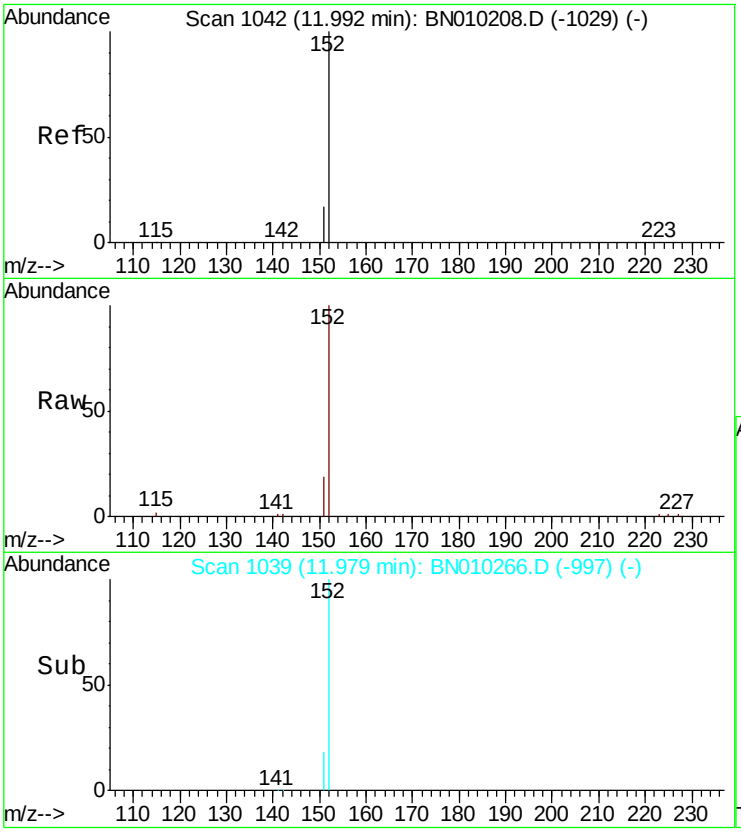


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 10.73 min Scan# 872
Delta R.T. -0.03 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:225 Resp: 2974

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	53.4	80.2



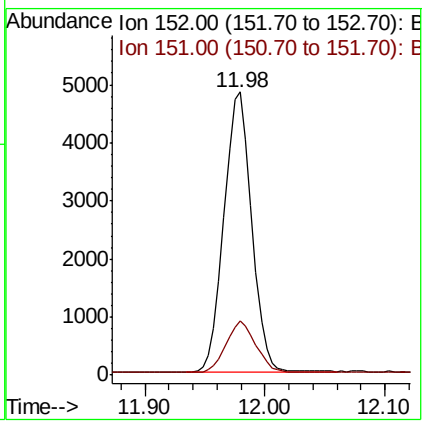


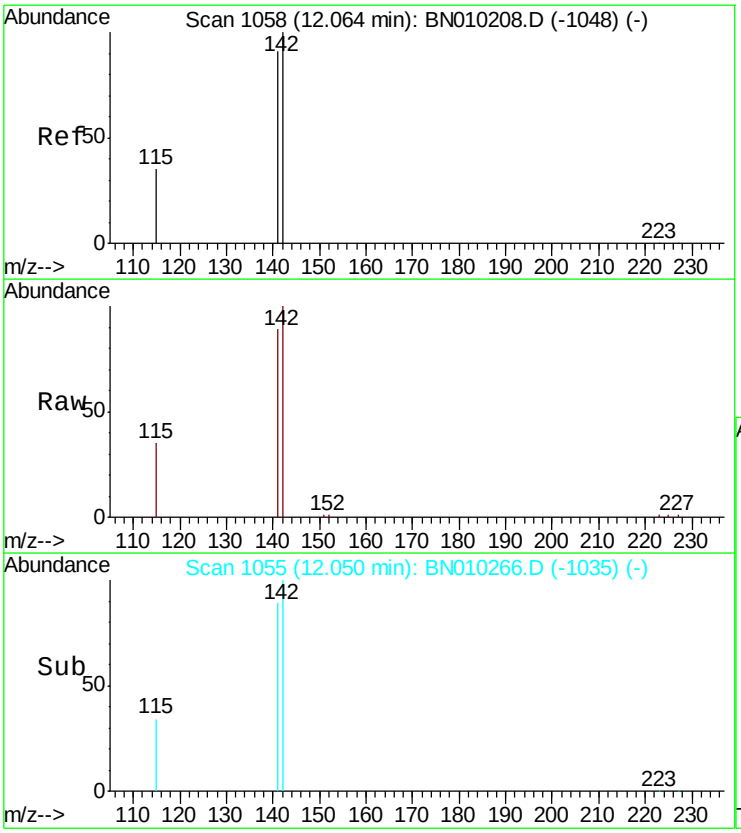
#11
2-Methylnaphthalene-d10
Concen: 0.384 ng
RT: 11.98 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:152 Resp: 7719

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.0	22.6

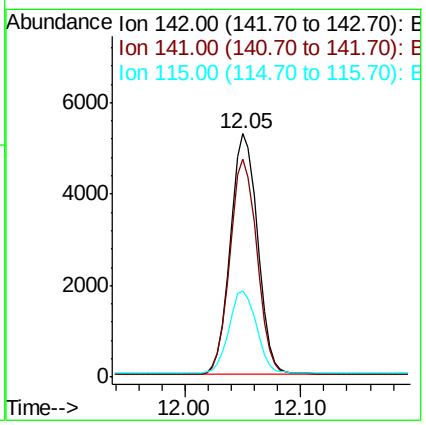


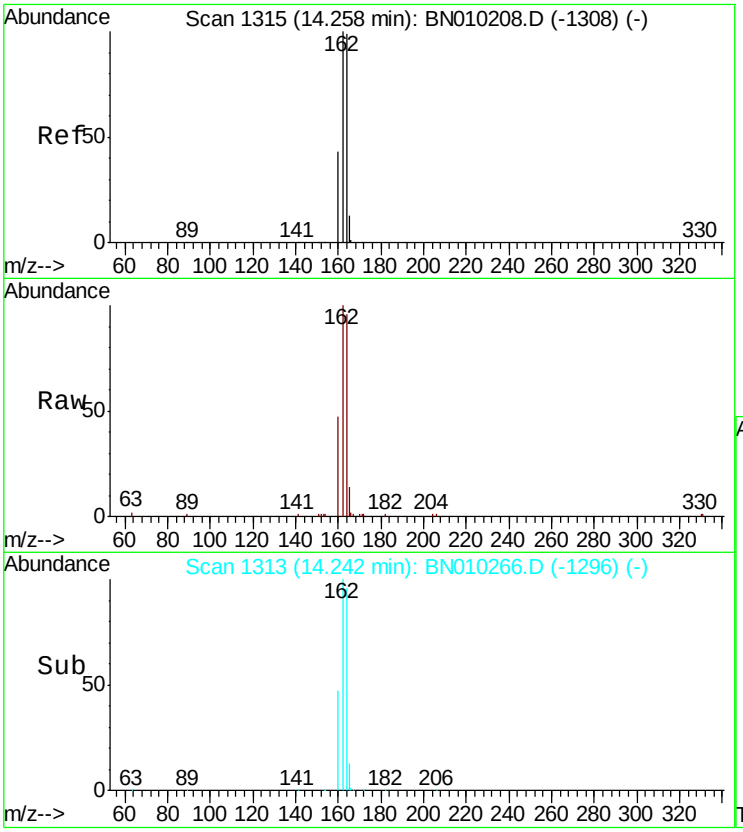


#12
2-Methylnaphthalene
Concen: 0.384 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:142 Resp: 8401

Ion	Ratio	Lower	Upper
142	100		
141	89.5	73.7	110.5
115	35.4	31.2	46.8



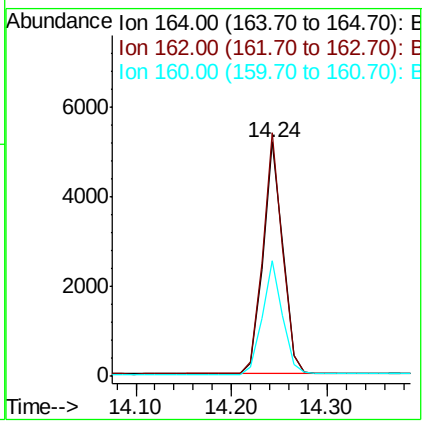


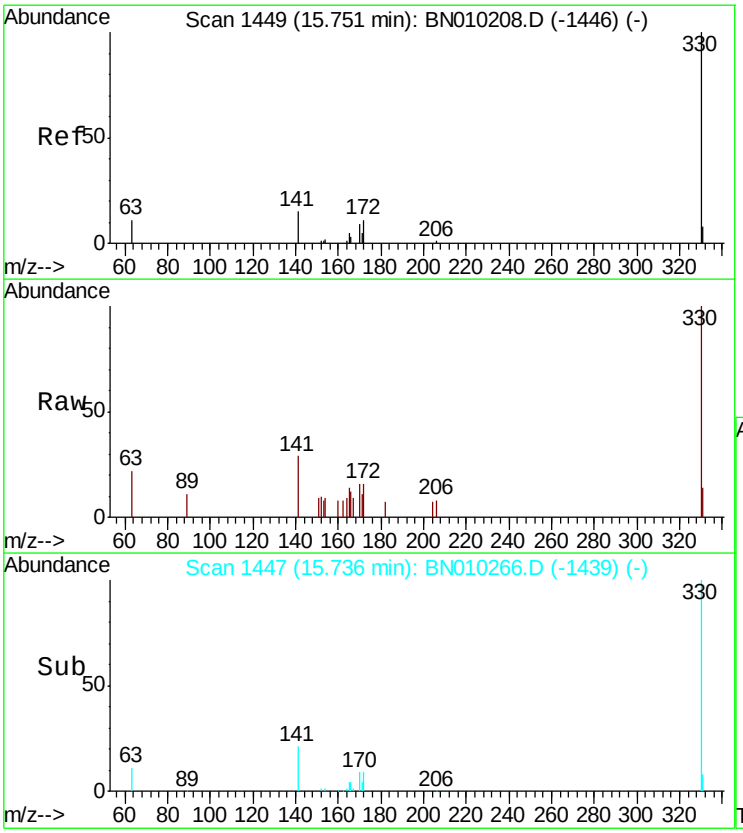
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:164 Resp: 7438

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.0	121.4
160	49.1	35.6	53.4

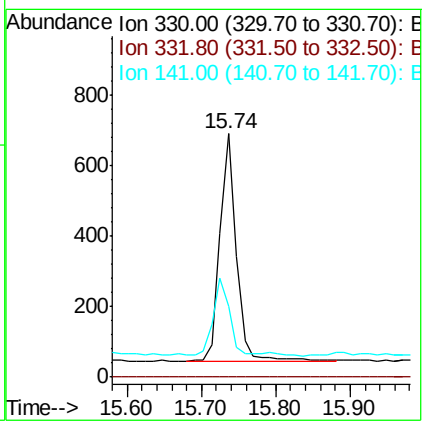


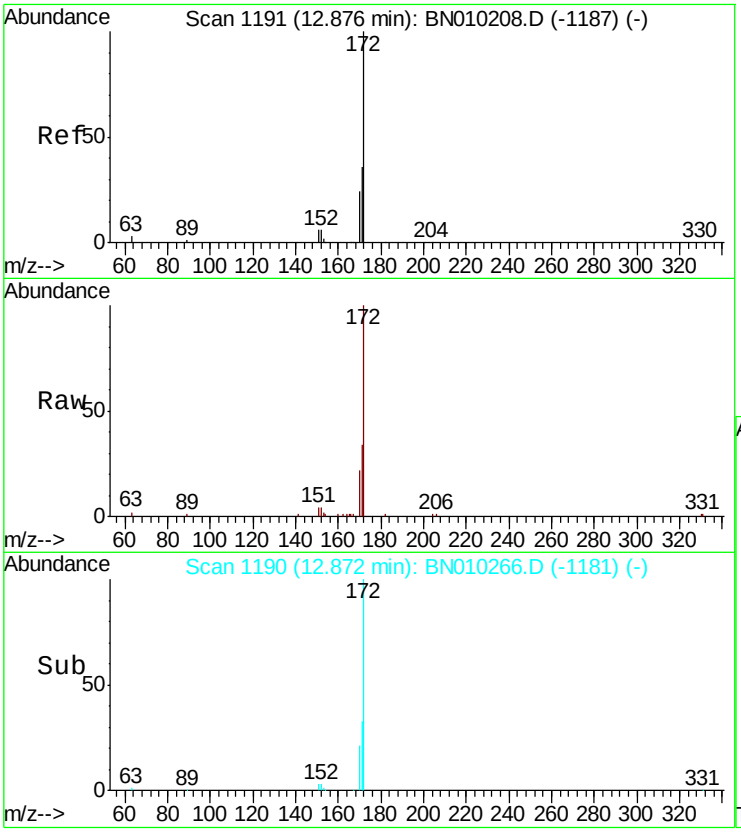


#14
2,4,6-Tribromophenol
Concen: 0.367 ng
RT: 15.74 min Scan# 1447
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:330 Resp: 978

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.8	25.1	37.7



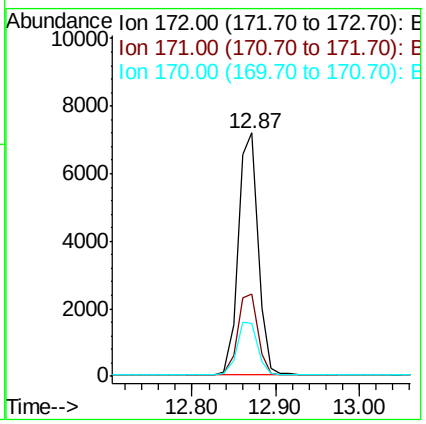


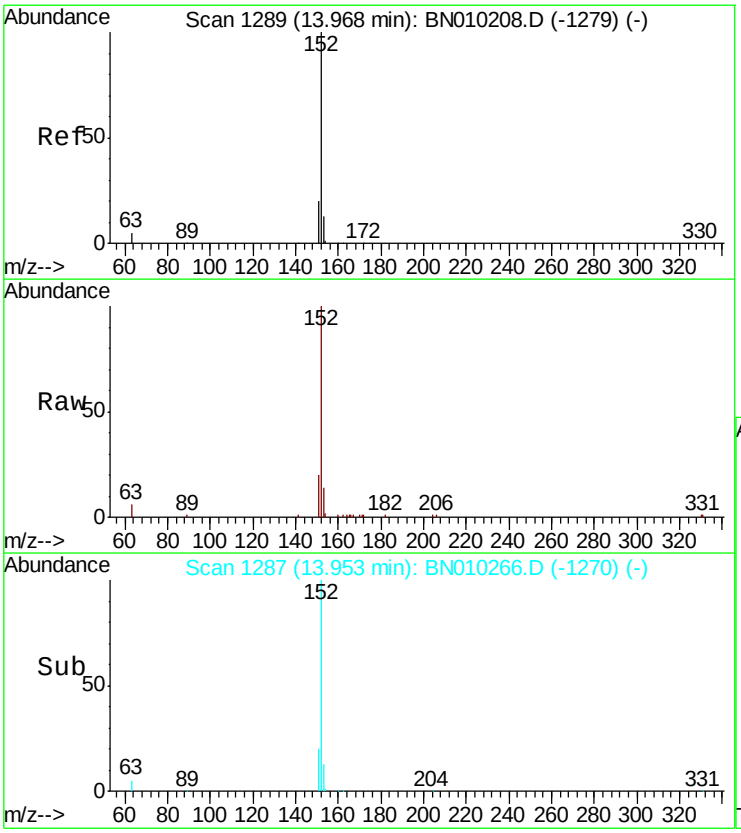
#15
2-Fluorobiphenyl
Concen: 0.444 ng
RT: 12.87 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:172 Resp: 11750

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.4	44.2
170	21.5	20.2	30.4

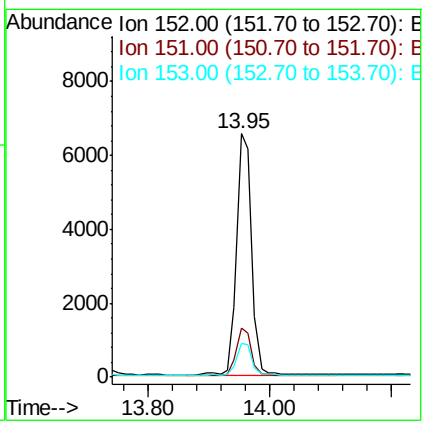


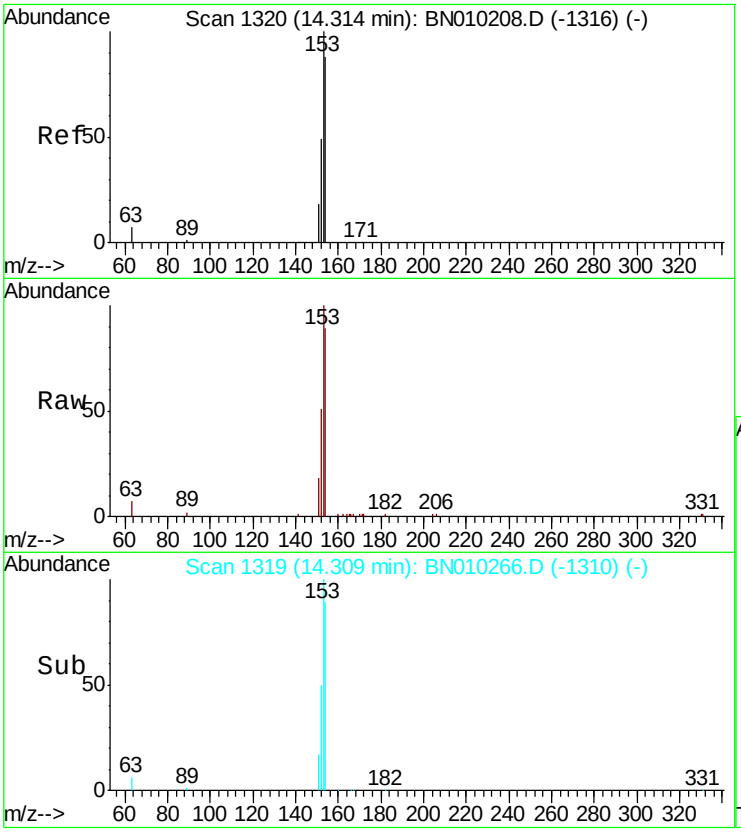


#16
Acenaphthylene
Concen: 0.330 ng
RT: 13.95 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:152 Resp: 11315

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.8	23.6
153	13.2	10.6	16.0



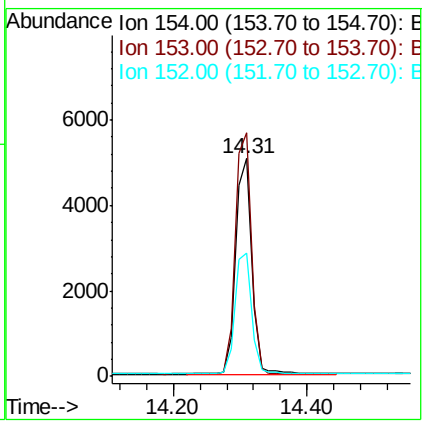


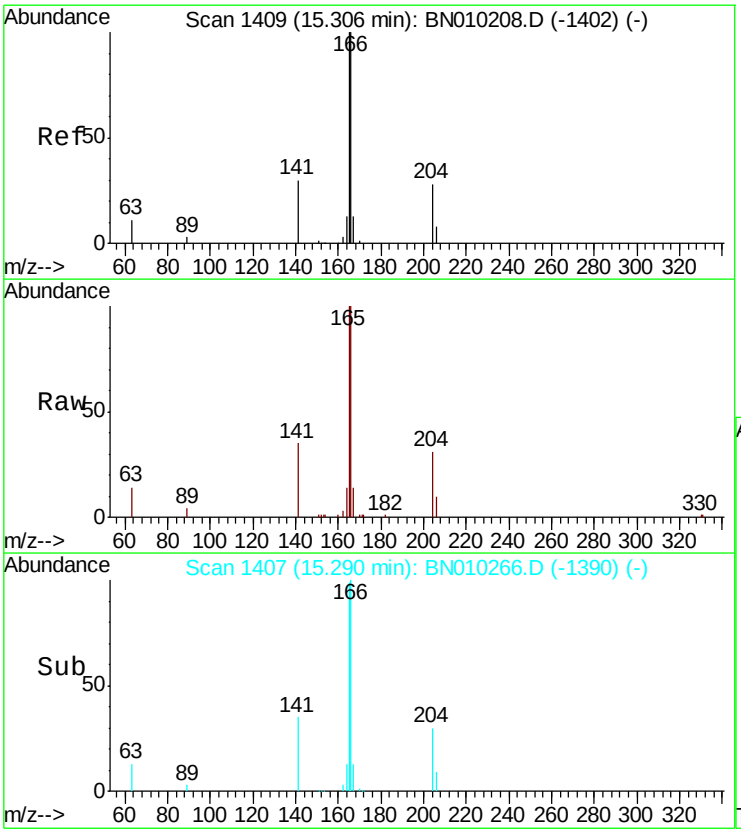
#17
Acenaphthene
Concen: 0.398 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:154 Resp: 8294

Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.3	135.5
152	57.8	42.9	64.3

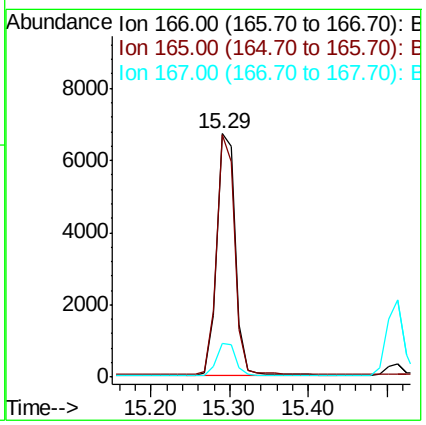


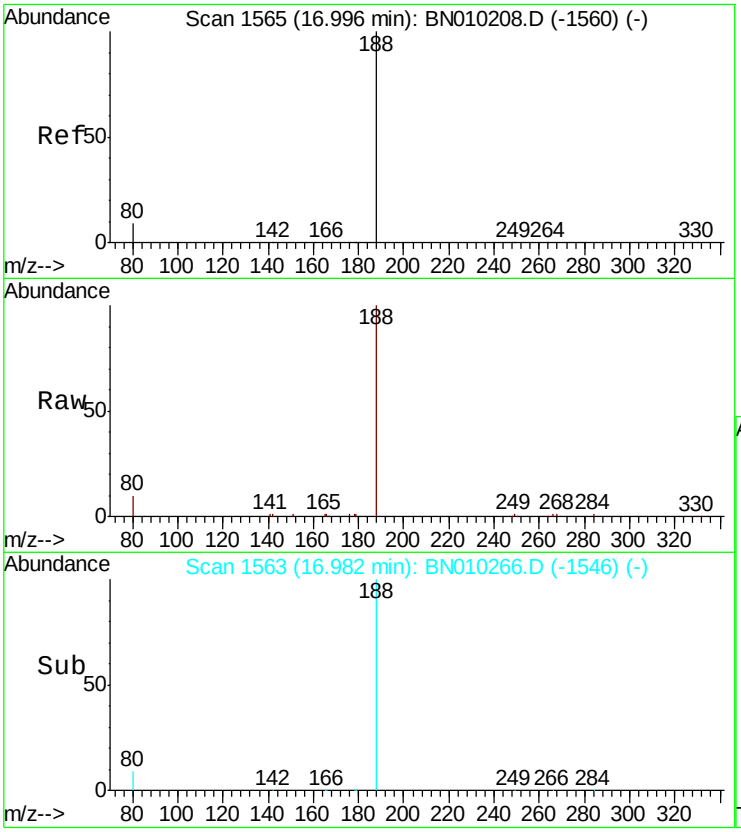


#18
Fluorene
Concen: 0.388 ng
RT: 15.29 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:166 Resp: 11004

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.3	117.5
167	13.6	10.7	16.1



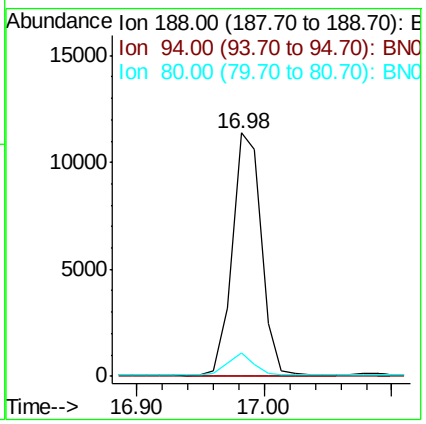


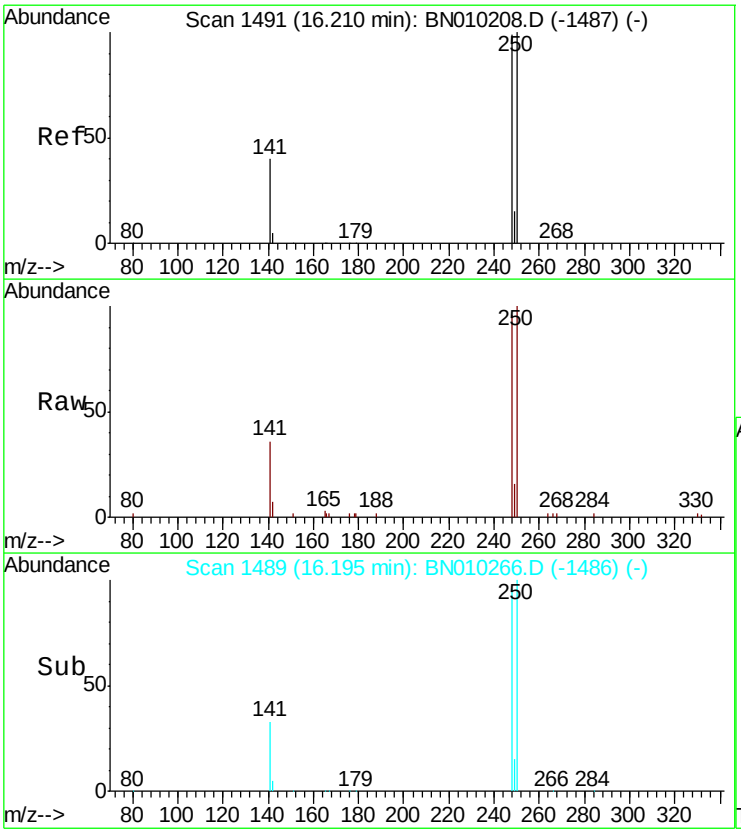
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.98 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:188 Resp: 17945

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	8.6	12.8

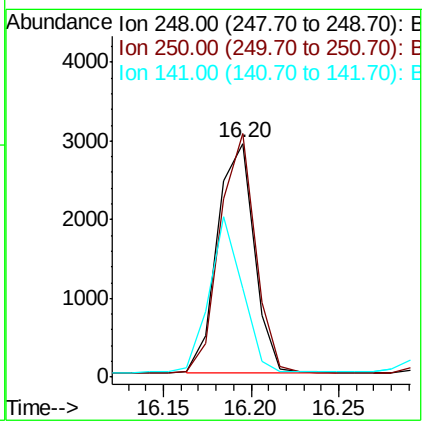


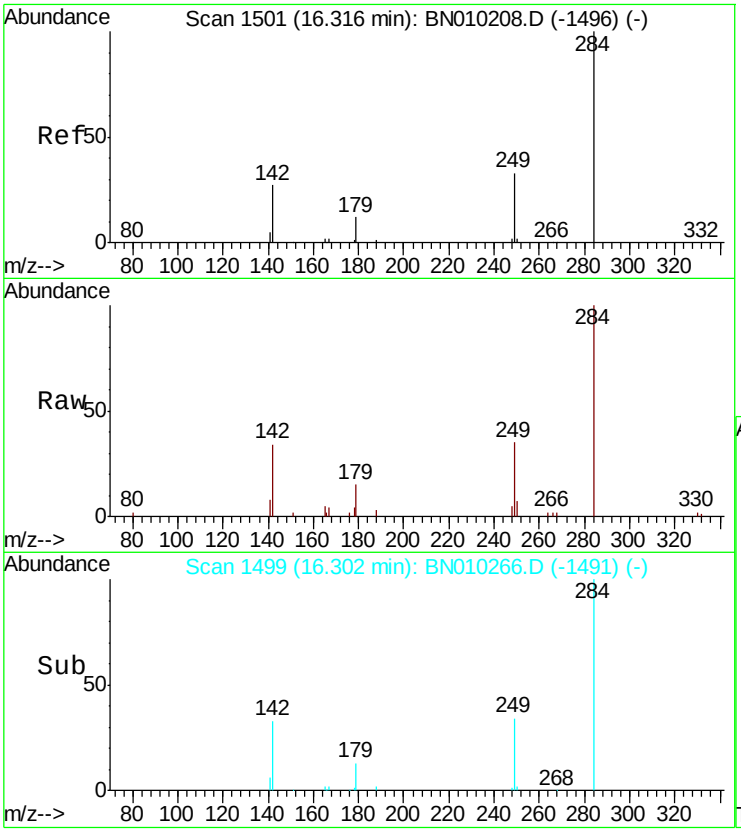


#20
4-Bromophenyl-phenylether
Concen: 0.411 ng
RT: 16.20 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:248 Resp: 4230

Ion	Ratio	Lower	Upper
248	100		
250	104.2	81.2	121.8
141	37.8	36.7	55.1



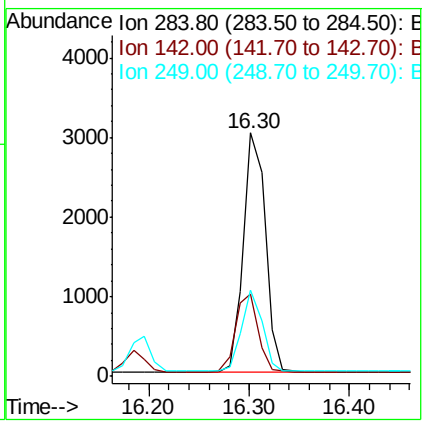


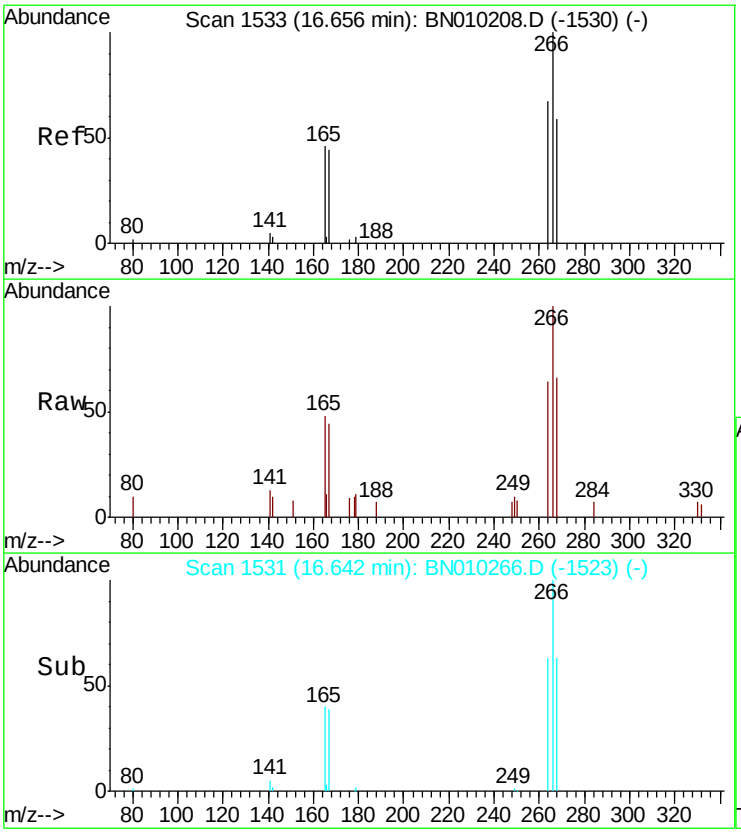
#21
Hexachlorobenzene
Concen: 0.455 ng
RT: 16.30 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:284 Resp: 4583

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.8	41.6
249	32.2	26.6	39.8

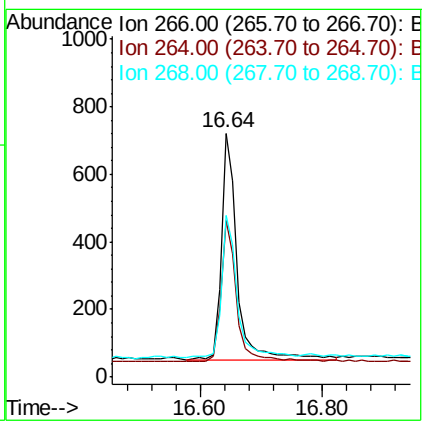


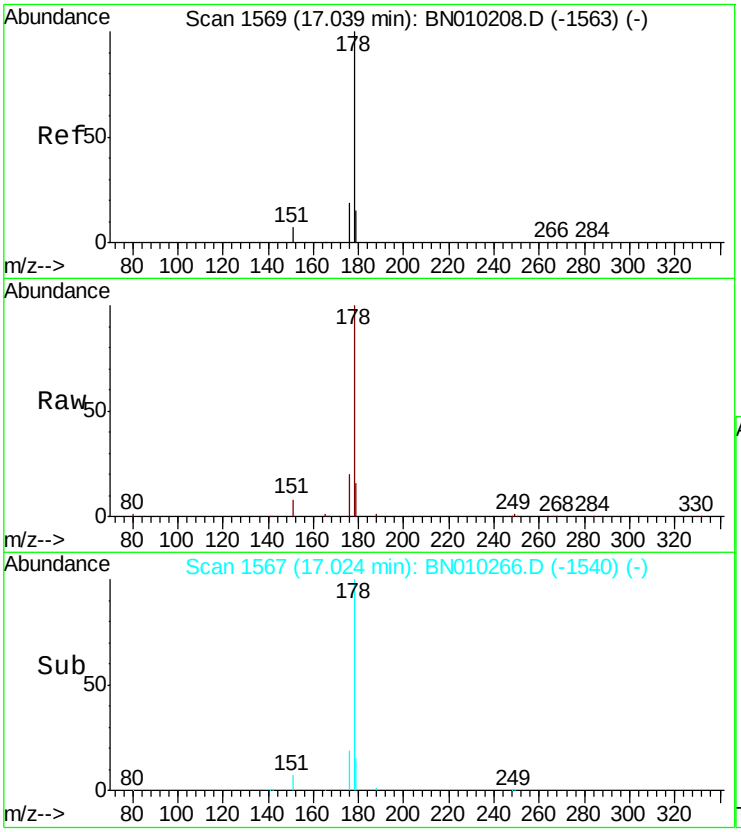


#22
Pentachlorophenol
Concen: 0.384 ng
RT: 16.64 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:266 Resp: 1194

Ion	Ratio	Lower	Upper
266	100		
264	64.4	56.2	84.2
268	66.4	61.4	92.2



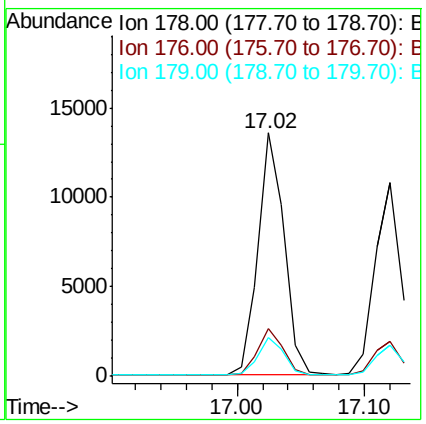


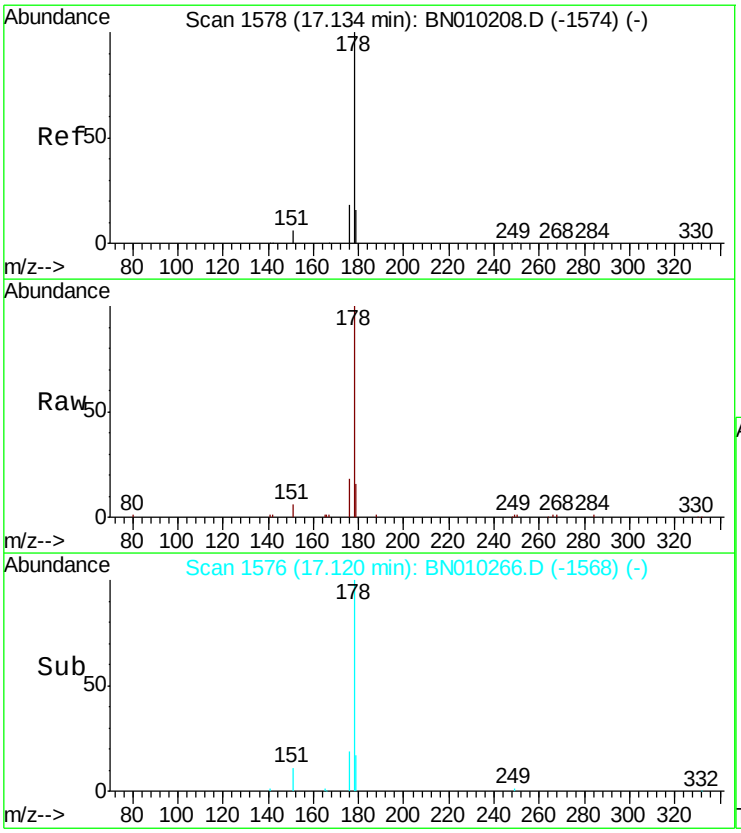
#23
Phenanthrene
Concen: 0.407 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:178 Resp: 19374

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.4	12.5	18.7

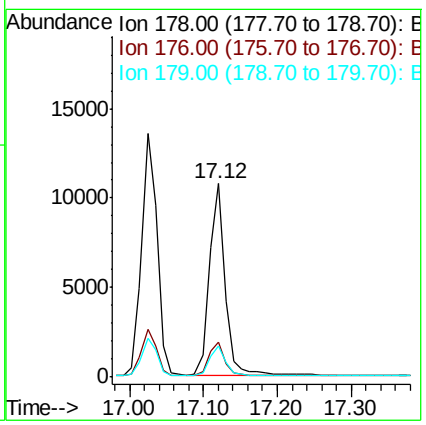


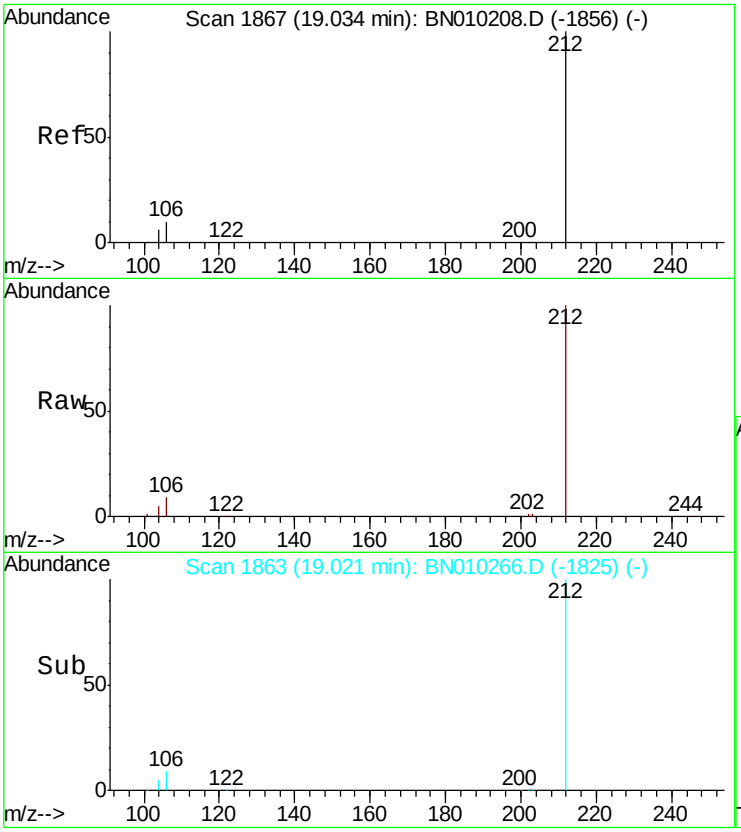


#24
Anthracene
Concen: 0.337 ng
RT: 17.12 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:178 Resp: 15984

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.7	12.5	18.7



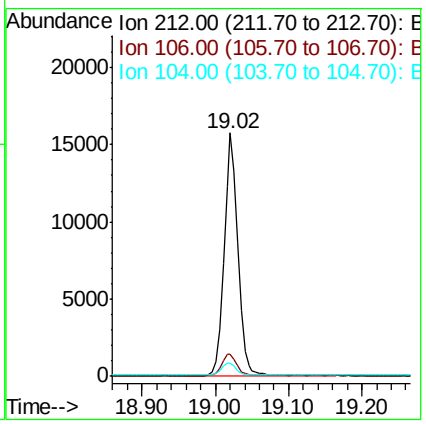


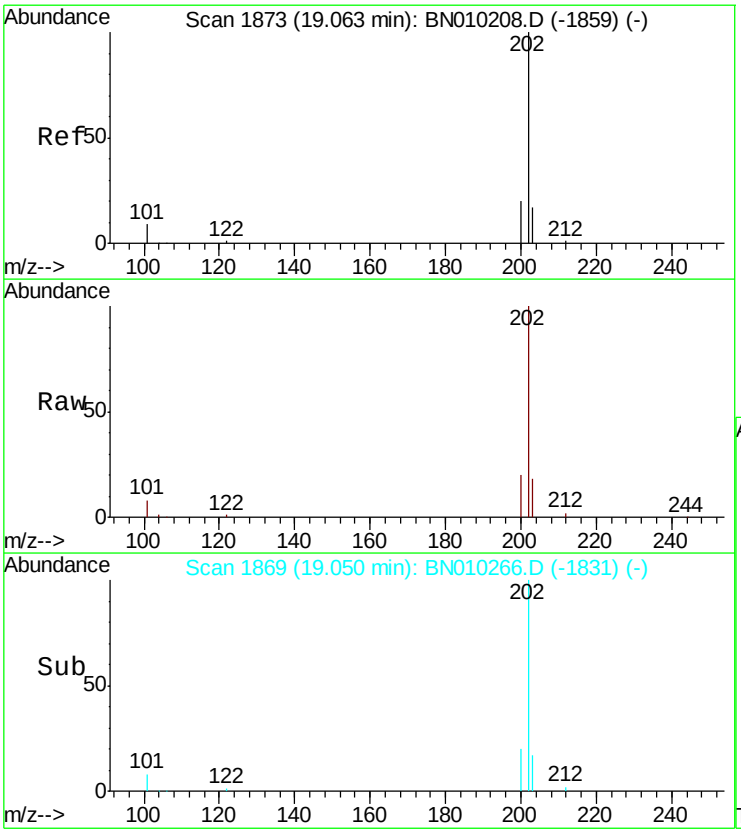
#25
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.02 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:212 Resp: 20641

Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.1	12.1
104	5.2	4.7	7.1

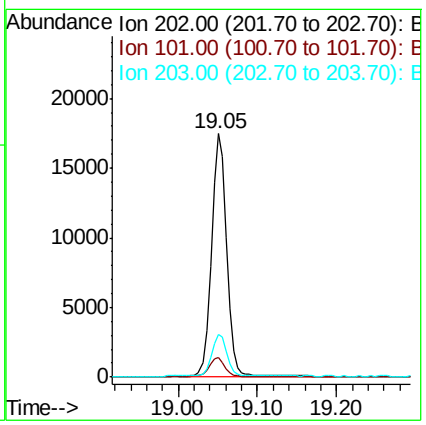


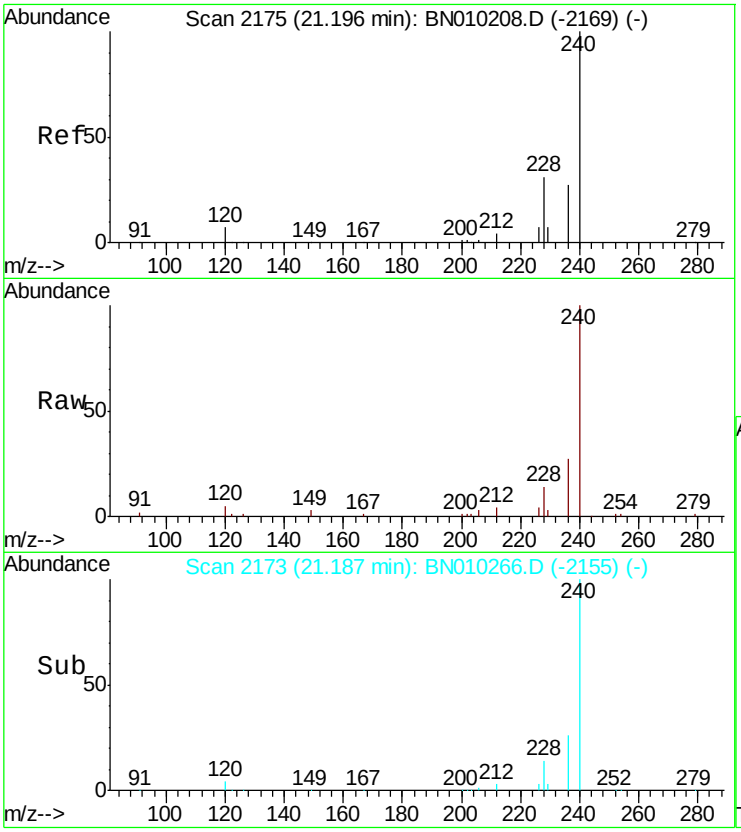


#26
Fluoranthene
Concen: 0.385 ng
RT: 19.05 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:202 Resp: 23216

Ion	Ratio	Lower	Upper
202	100		
101	8.1	7.0	10.6
203	17.3	13.9	20.9



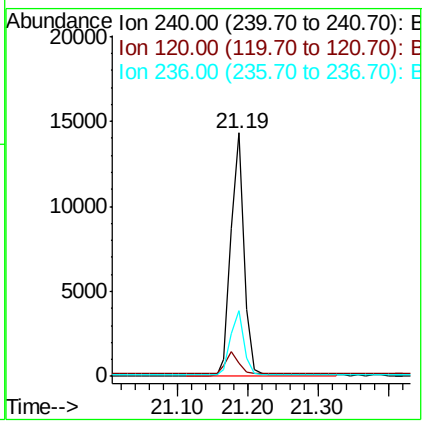


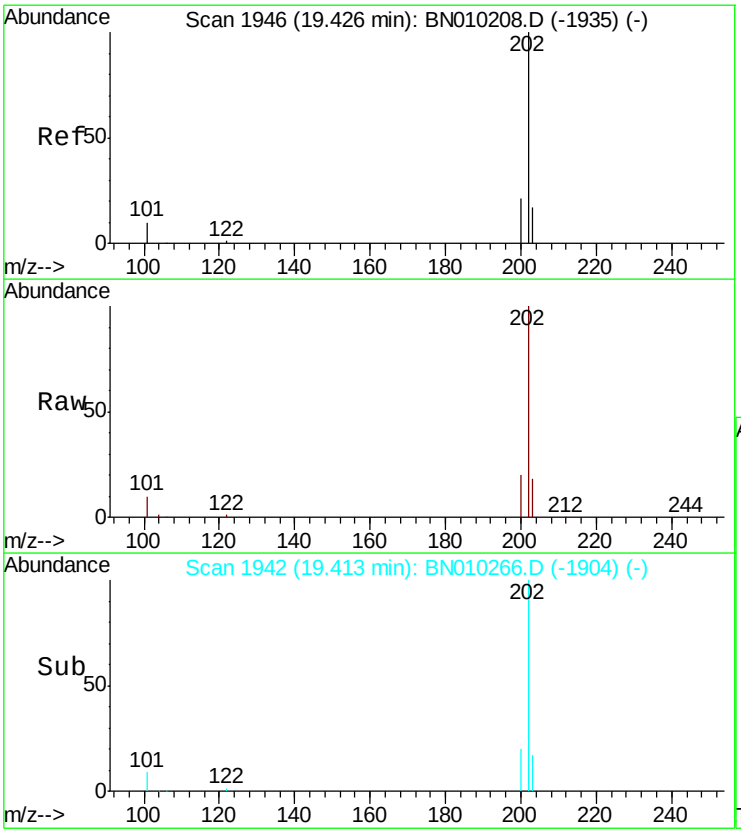
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:240 Resp: 18223

Ion	Ratio	Lower	Upper
240	100		
120	5.4	7.7	11.5#
236	26.9	21.8	32.6

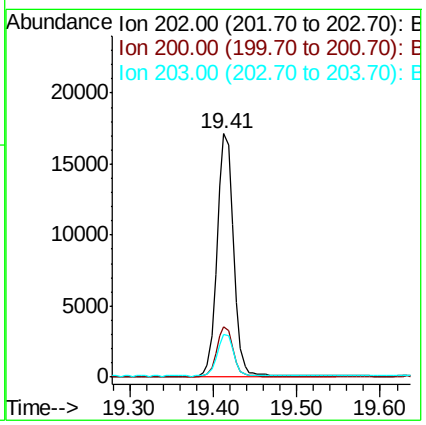


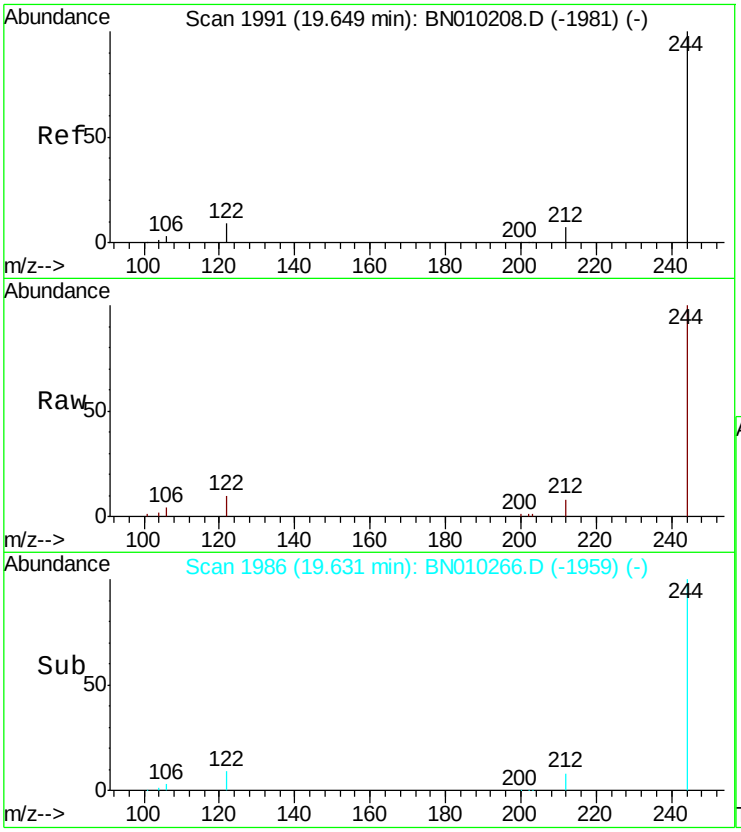


#28
Pyrene
Concen: 0.381 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:202 Resp: 23197

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.4	14.1	21.1



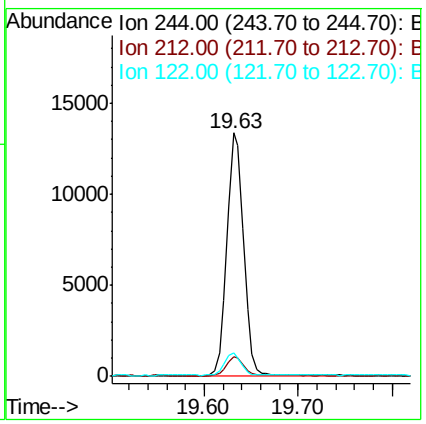


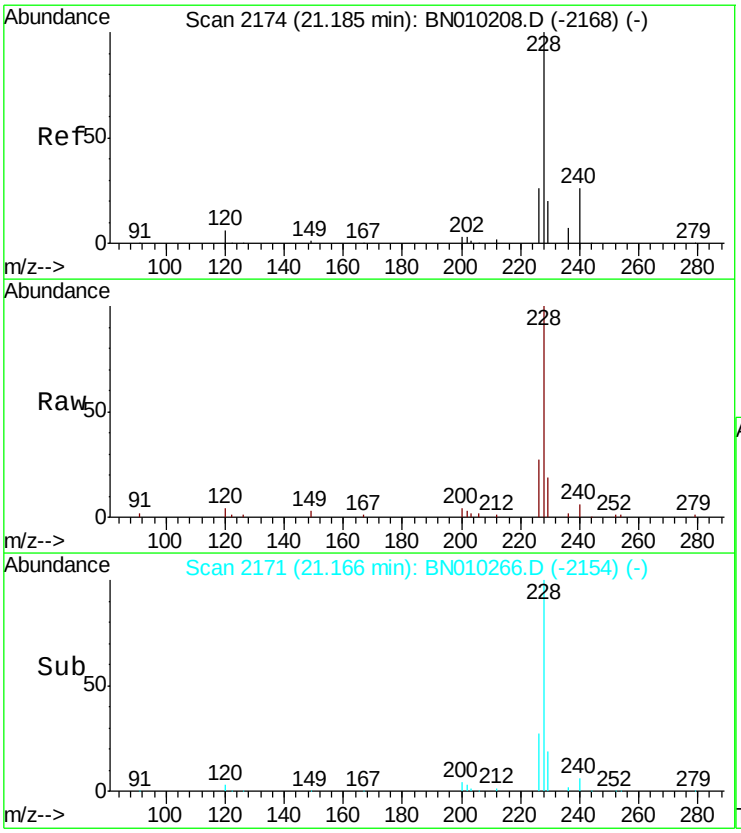
#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.63 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:244 Resp: 16246

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.4	9.6
122	9.7	8.1	12.1

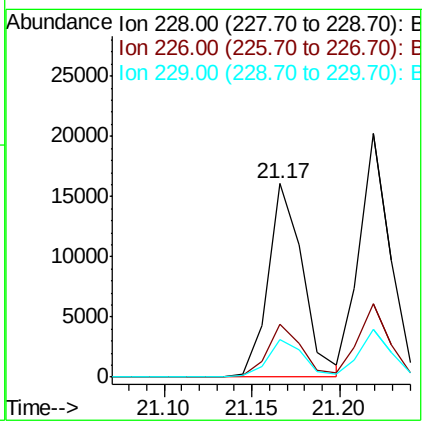


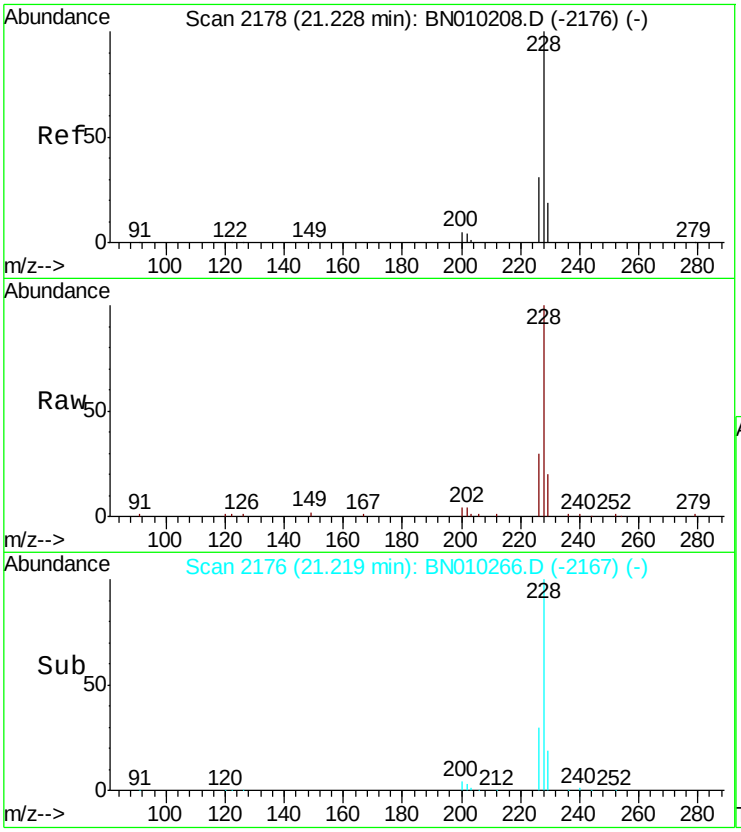


#30
Benzo(a)anthracene
Concen: 0.352 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:228 Resp: 21825

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.1	31.7
229	19.4	16.2	24.4



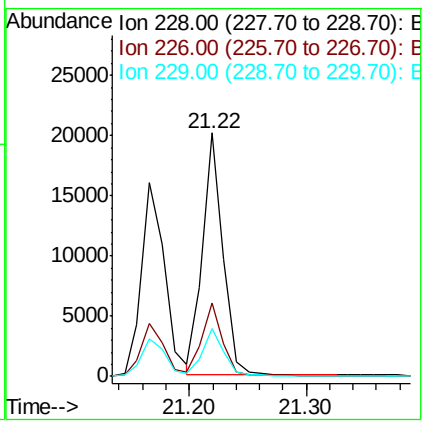


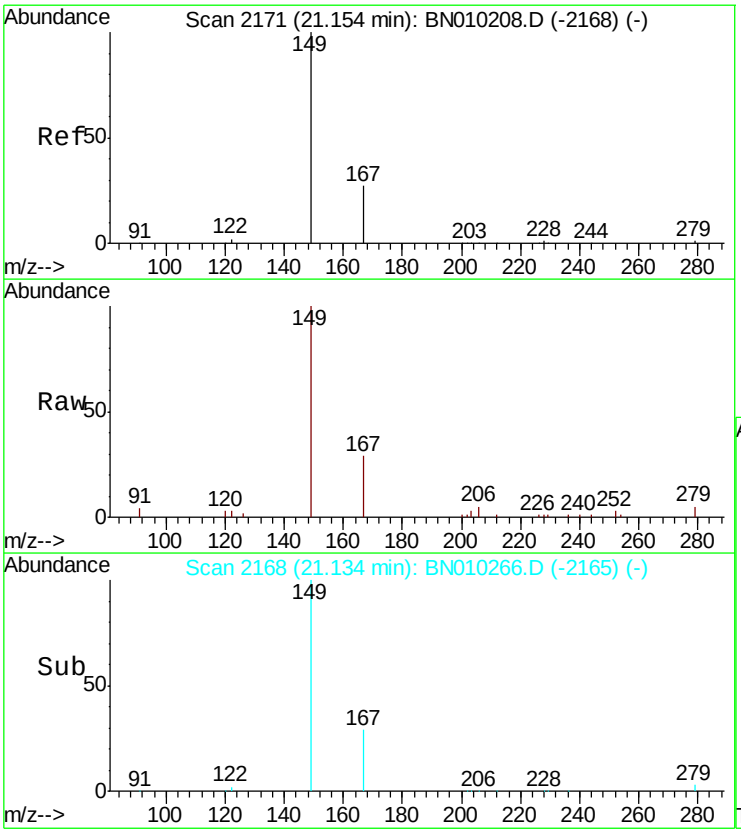
#31
Chrysene
Concen: 0.403 ng
RT: 21.22 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:228 Resp: 24598

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.4
229	19.6	15.7	23.5

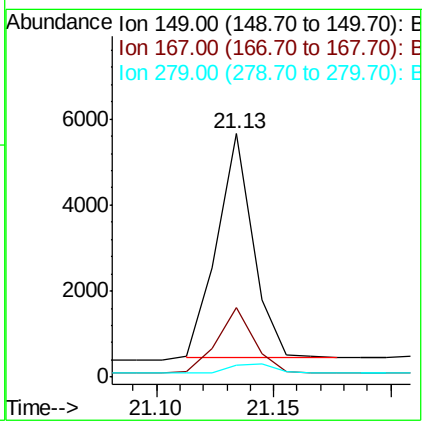


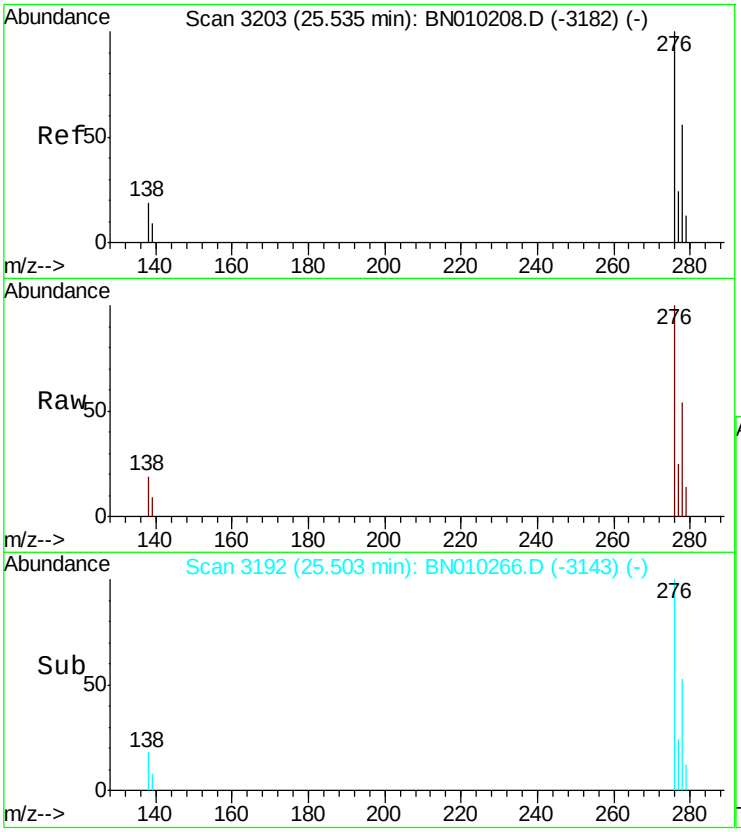


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.210 ng
RT: 21.13 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:149 Resp: 5528

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



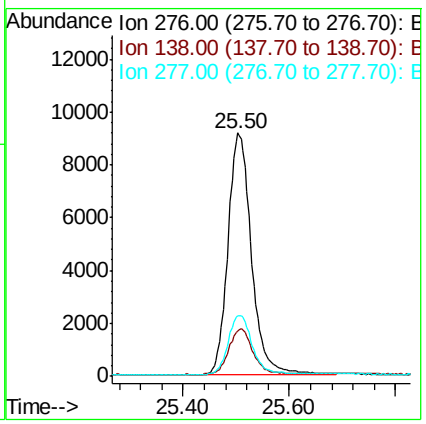


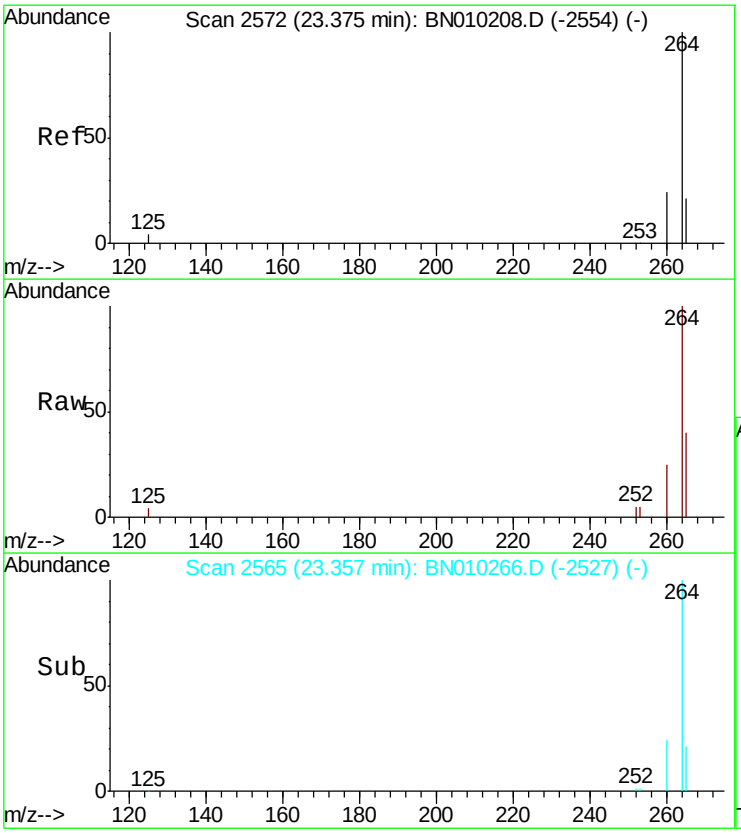
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.391 ng
RT: 25.50 min Scan# 3192
Delta R.T. -0.03 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:276 Resp: 28303

Ion	Ratio	Lower	Upper
276	100		
138	18.9	15.8	23.6
277	24.7	19.3	28.9

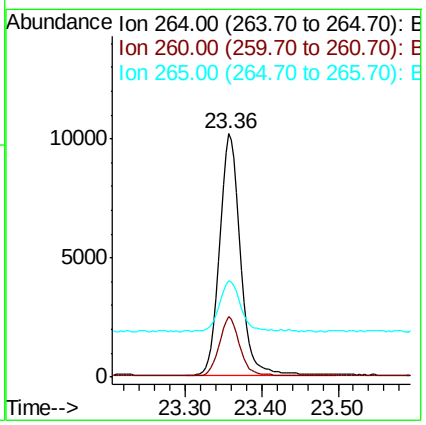


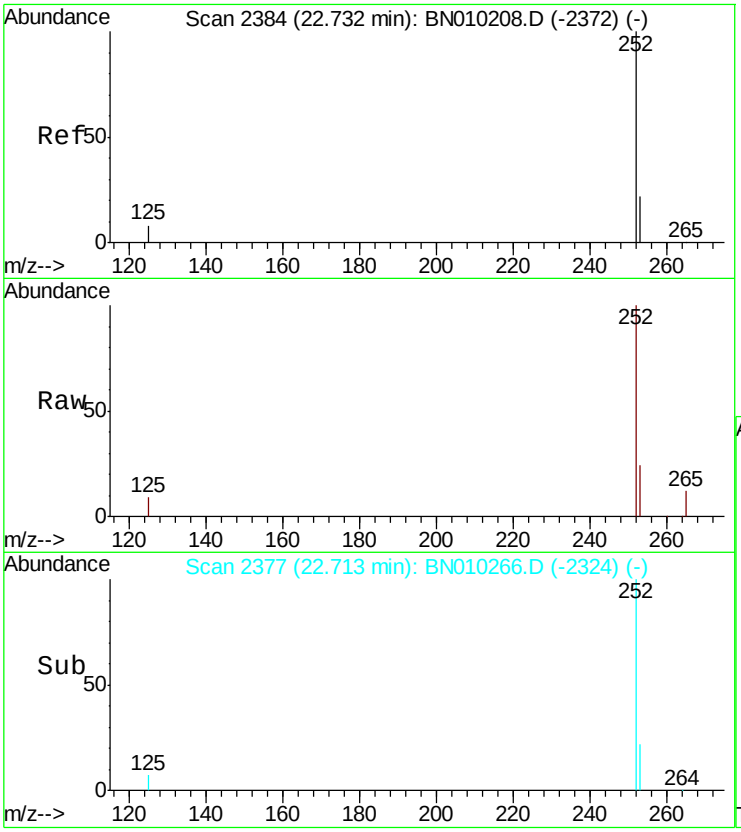


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:264 Resp: 19509

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	39.6	25.8	38.6#



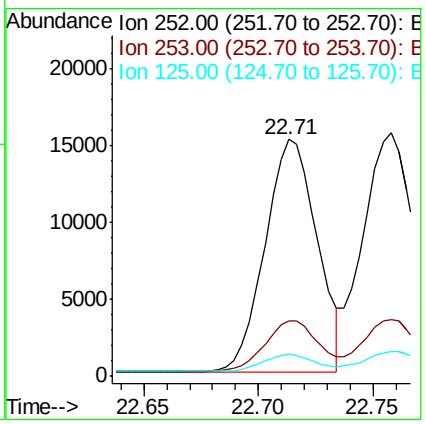


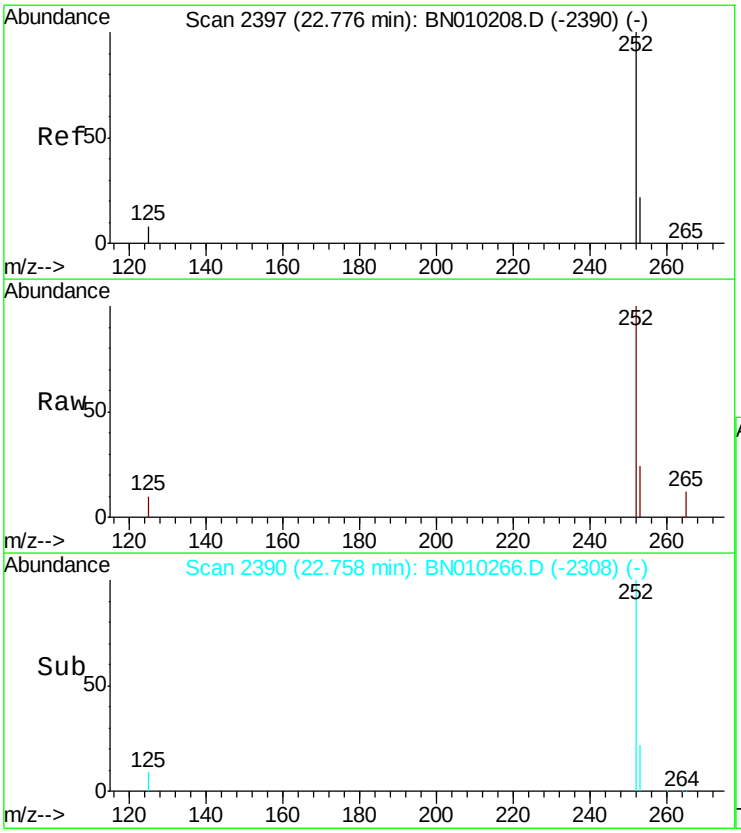
#35
Benzo(b)fluoranthene
Concen: 0.396 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:252 Resp: 23733

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.6	28.0
125	9.3	7.9	11.9

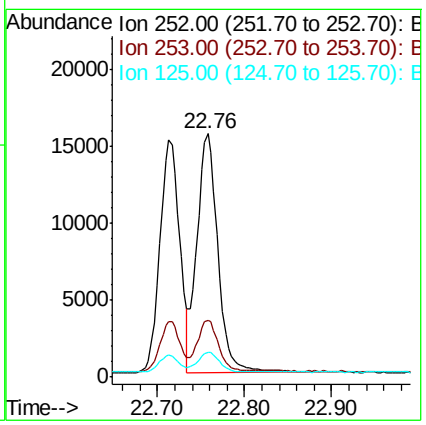


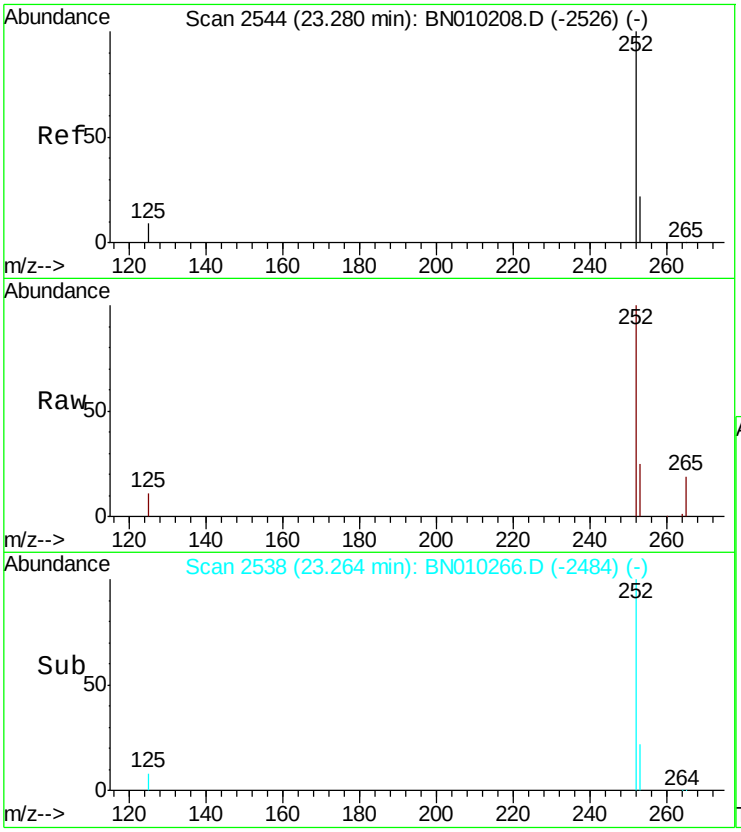


#36
Benzo(k)fluoranthene
Concen: 0.427 ng
RT: 22.76 min Scan# 2390
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:252 Resp: 25866

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	10.4	8.2	12.4



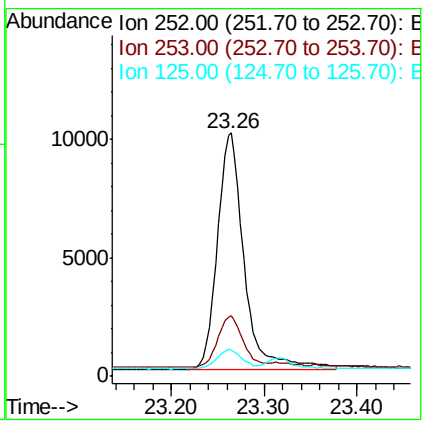


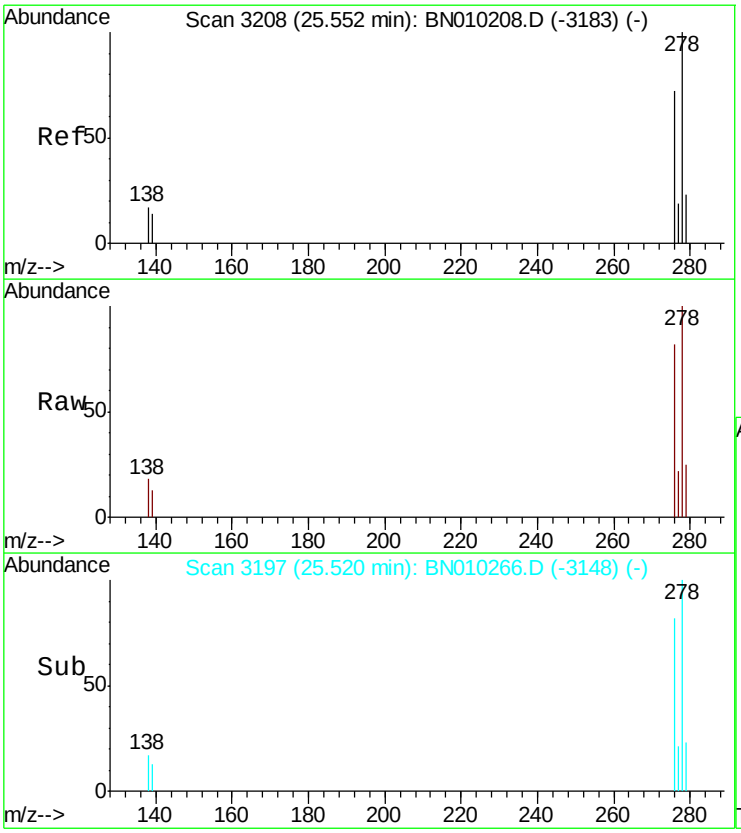
#37
Benzo(a)pyrene
Concen: 0.358 ng
RT: 23.26 min Scan# 2538
Delta R.T. -0.02 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:252 Resp: 20274

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.1	28.7
125	10.8	9.2	13.8

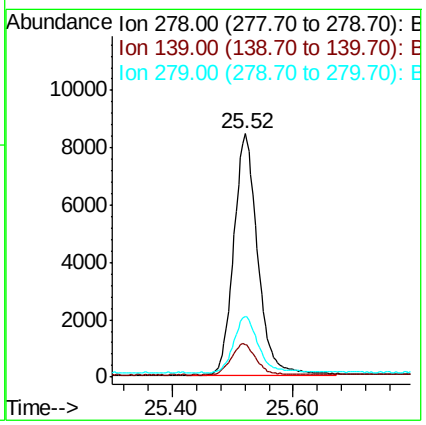


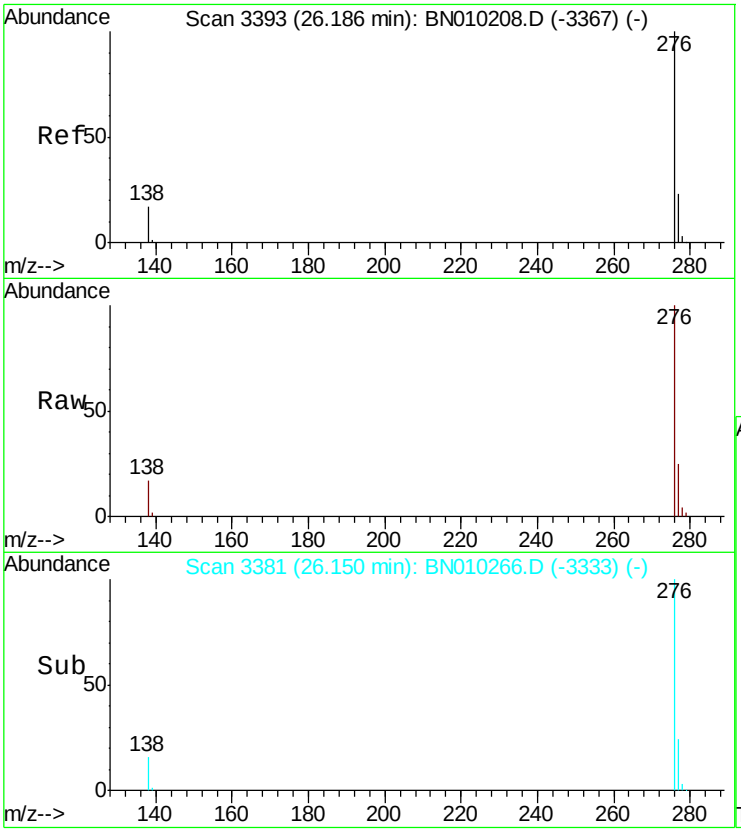


#38
Dibenzo(a,h)anthracene
Concen: 0.411 ng
RT: 25.52 min Scan# 3197
Delta R.T. -0.03 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Tgt Ion:278 Resp: 23315

Ion	Ratio	Lower	Upper
278	100		
139	13.5	12.4	18.6
279	25.0	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.400 ng
RT: 26.15 min Scan# 3381
Delta R.T. -0.04 min
Lab File: BN010266.D
Acq: 18 Mar 2020 16:44

Instrument :
BNA_N
ClientSampleId :
PB127606BS

Tgt Ion:276 Resp: 22666

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	17.3	15.4	23.2