Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010482.D
Acq On : 14 Apr 2020 17:18
Operator : CG/JU
Sample : PB128219BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB128219BS

Quant Time: Apr 14 17:48:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4076	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	16103	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	10395	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	23594	0.40	ng		0.00
27) Chrysene-d12	21.17	240	20404	0.40	ng		-0.01
34) Perylene-d12	23.35	264	17630	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	3092	0.35	ng		0.00
5) Phenol-d6	6.79	99	3754	0.32	ng		0.00
8) Nitrobenzene-d5	8.73	82	3639	0.32	ng		-0.01
11) 2-Methylnaphthalene-d10	11.96	152	8174	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	1363	0.28	ng		0.00
15) 2-Fluorobiphenyl	12.84	172	12641	0.33	ng		0.00
25) Fluoranthene-d10	19.01	212	21116	0.30	ng		0.00
29) Terphenyl-d14	19.62	244	16451	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	1057	0.352	ng	#	92
3) n-Nitrosodimethylamine	3.55	42	945	0.486	ng	#	96
6) bis(2-Chloroethyl)ether	7.04	93	4456	0.441	ng		99
9) Naphthalene	10.41	128	17715	0.443	ng		98
10) Hexachlorobutadiene	10.71	225	3977	0.413	ng	#	100
12) 2-Methylnaphthalene	12.03	142	12978	0.452	ng		97
16) Acenaphthylene	13.95	152	19397	0.432	ng		99
17) Acenaphthene	14.29	154	12380	0.429	ng		99
18) Fluorene	15.28	166	16584	0.439	ng		100
20) 4-Bromophenyl-phenylether	16.18	248	5434	0.415	ng		93
21) Hexachlorobenzene	16.29	284	6446	0.431	ng		99
22) Pentachlorophenol	16.63	266	6258	1.063	ng		98
23) Phenanthrene	17.02	178	27440	0.431	ng		99
24) Anthracene	17.10	178	24876	0.427	ng		100
26) Fluoranthene	19.04	202	32995	0.416	ng		99
28) Pyrene	19.41	202	33026	0.481	ng		99
30) Benzo(a)anthracene	21.16	228	27252	0.409	ng		99
31) Chrysene	21.22	228	29353	0.443	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	12795	0.375	ng		100
33) Indeno(1,2,3-cd)pyrene	25.50	276	27106	0.462	ng		99
35) Benzo(b)fluoranthene	22.71	252	25669	0.442	ng		99
36) Benzo(k)fluoranthene	22.75	252	26582	0.457	ng		100
37) Benzo(a)pyrene	23.26	252	23563	0.459	ng		99
38) Dibenzo(a,h)anthracene	25.51	278	21909	0.466	ng		99
39) Benzo(g,h,i)perylene	26.15	276	23150	0.490	ng		99

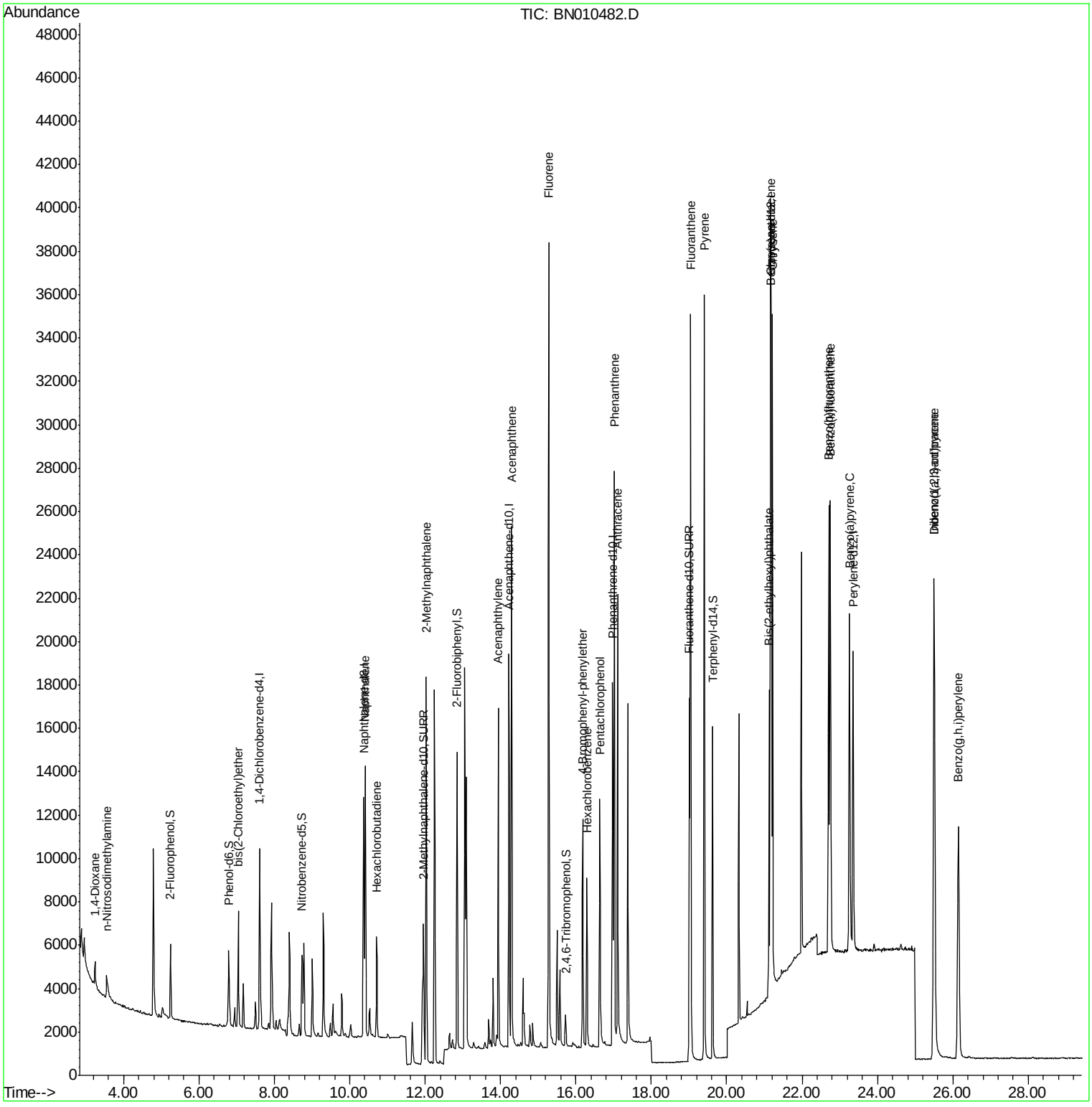
(#) = qualifier out of range (m) = manual integration (+) = signals summed

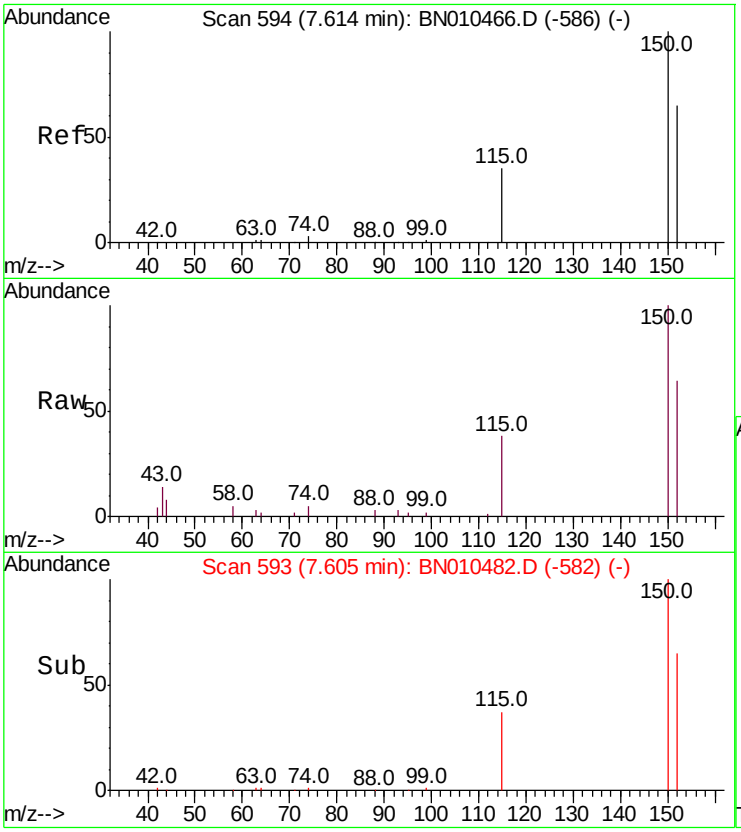
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN041420\
Data File : BN010482.D
Acq On : 14 Apr 2020 17:18
Operator : CG/JU
Sample : PB128219BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Quant Time: Apr 14 17:48:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 18:04:22 2020
Response via : Initial Calibration



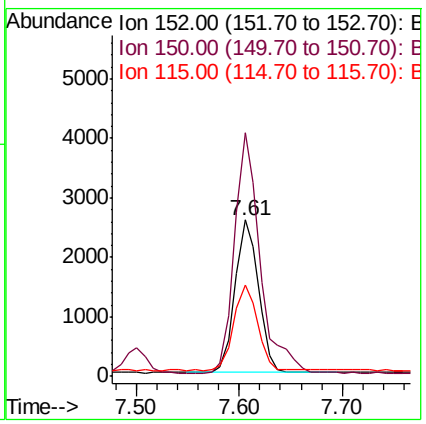


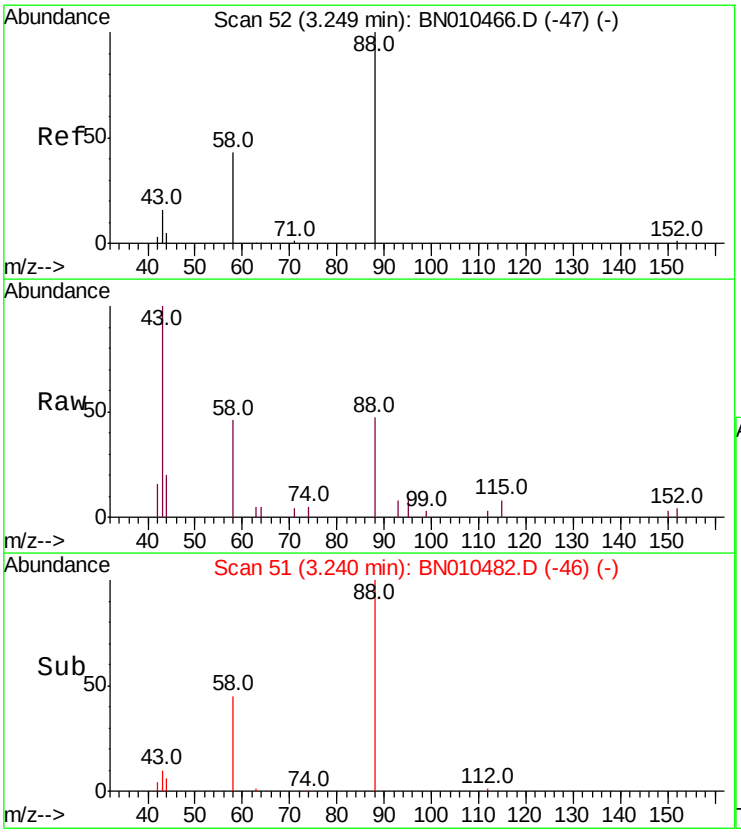
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:152 Resp: 4076

Ion	Ratio	Lower	Upper
152	100		
150	155.9	121.8	182.6
115	58.8	45.5	68.3

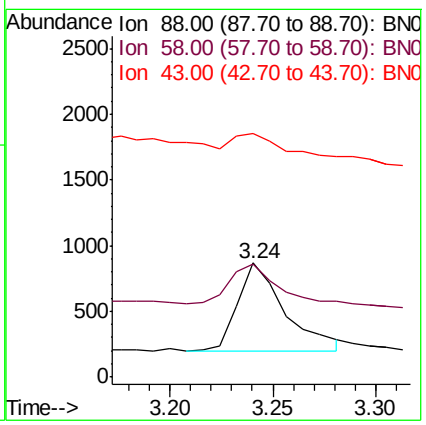


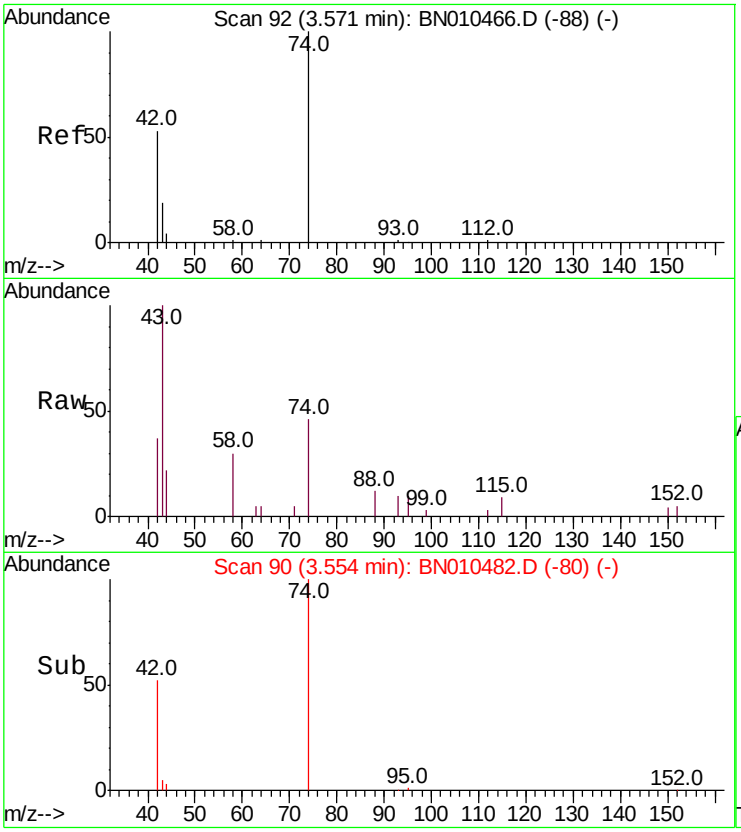


#2
1,4-Dioxane
Concen: 0.352 ng
RT: 3.24 min Scan# 51
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion: 88 Resp: 1057

Ion	Ratio	Lower	Upper
88	100		
58	42.6	36.5	54.7
43	24.4	13.2	19.8#



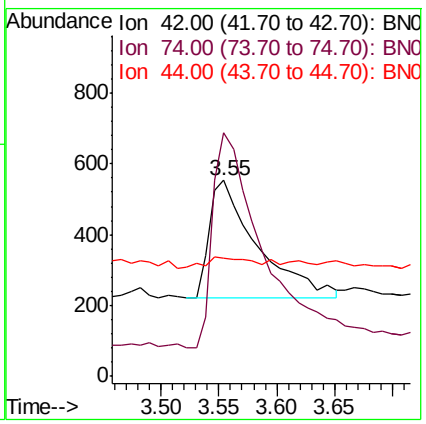


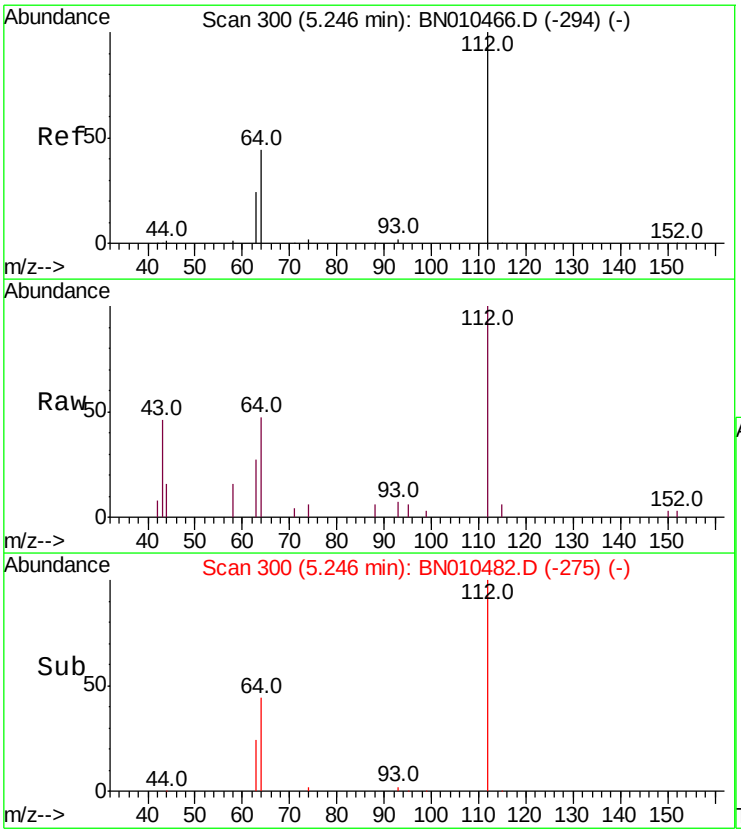
#3
n-Nitrosodimethylamine
Concen: 0.486 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion: 42 Resp: 945

Ion	Ratio	Lower	Upper
42	100		
74	197.2	162.2	243.4
44	7.3	2.4	3.6#

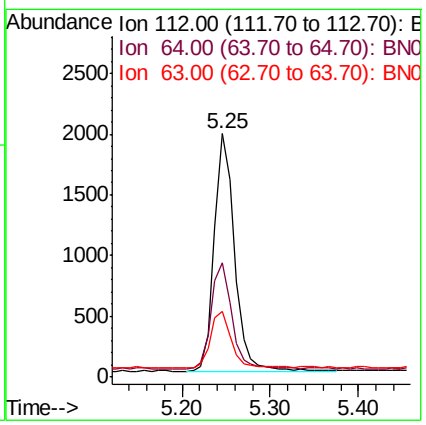


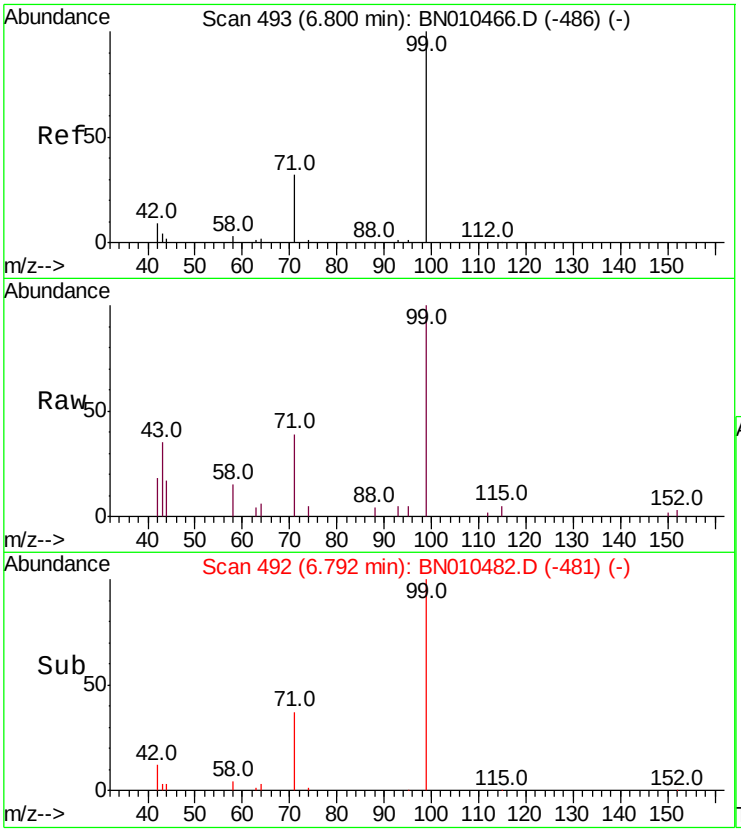


#4
2-Fluorophenol
Concen: 0.346 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:112 Resp: 3092

Ion	Ratio	Lower	Upper
112	100		
64	44.9	35.8	53.8
63	23.4	19.9	29.9



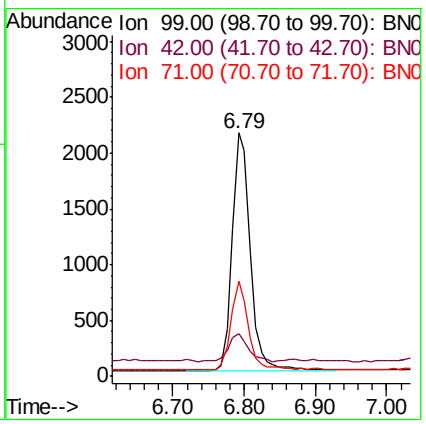


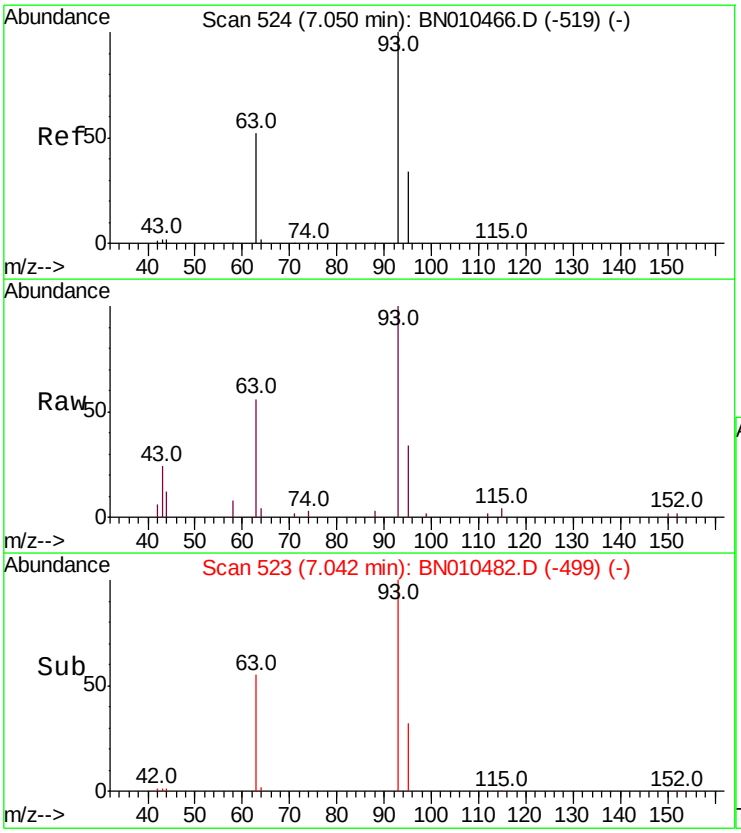
#5
Phenol-d6
Concen: 0.322 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion: 99 Resp: 3754

Ion	Ratio	Lower	Upper
99	100		
42	13.0	9.8	14.6
71	34.9	27.8	41.8

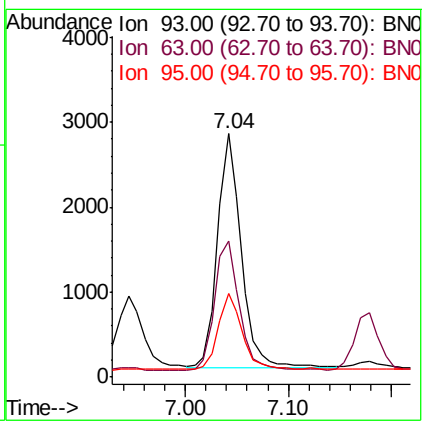


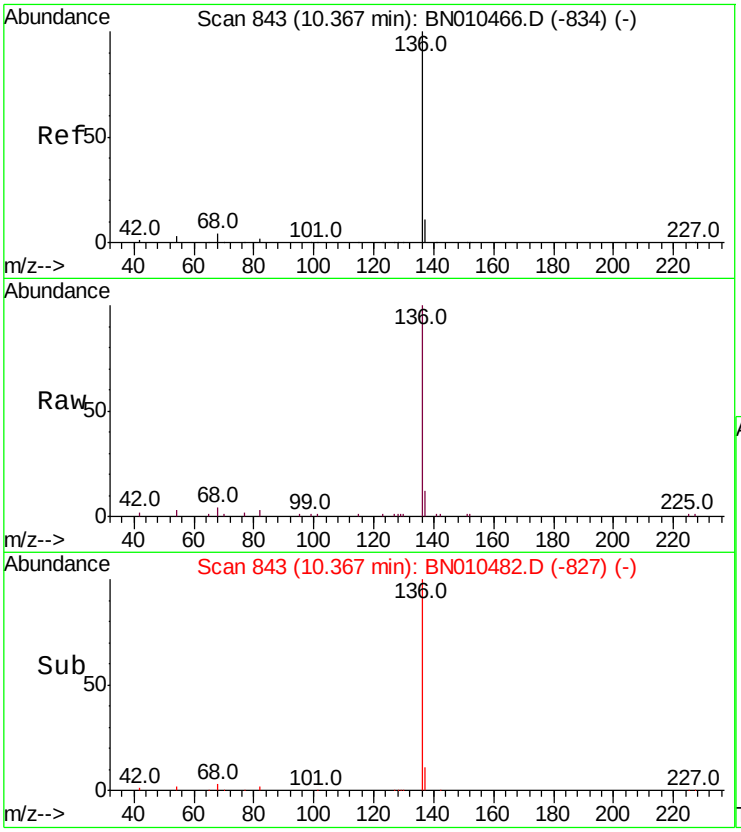


#6
bis(2-Chloroethyl)ether
Concen: 0.441 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion: 93 Resp: 4456

Ion	Ratio	Lower	Upper
93	100		
63	57.0	44.6	66.8
95	32.8	26.5	39.7



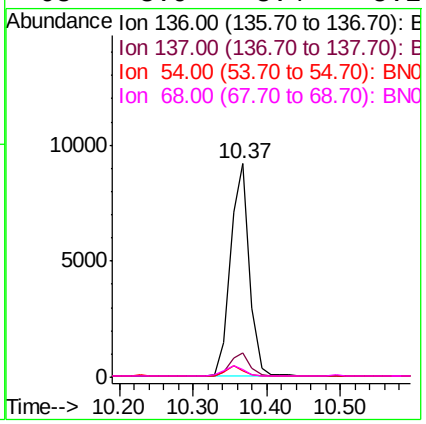


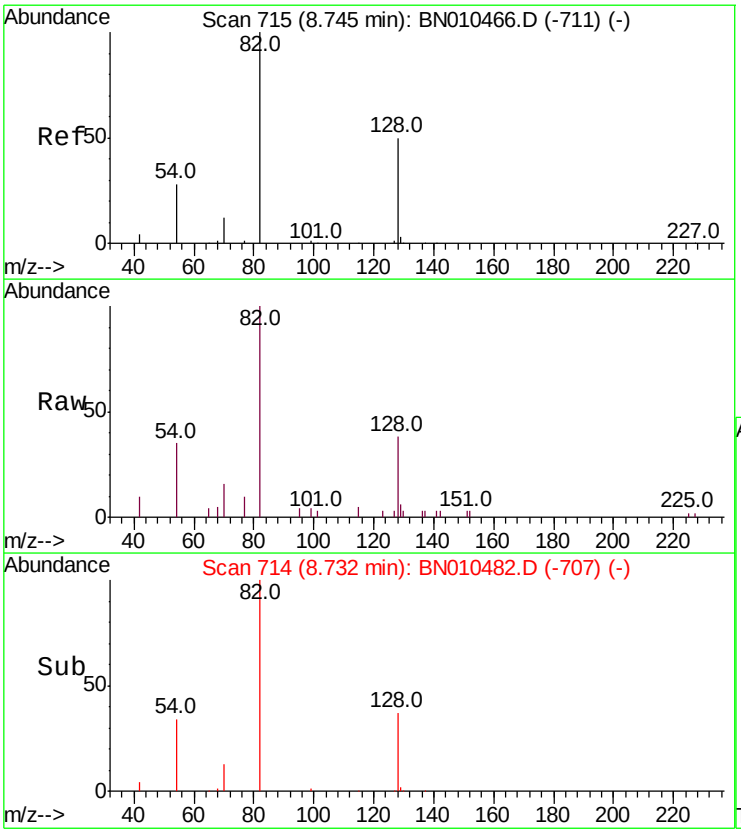
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:136 Resp: 16103

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	3.1	2.6	4.0
68	3.9	3.4	5.2

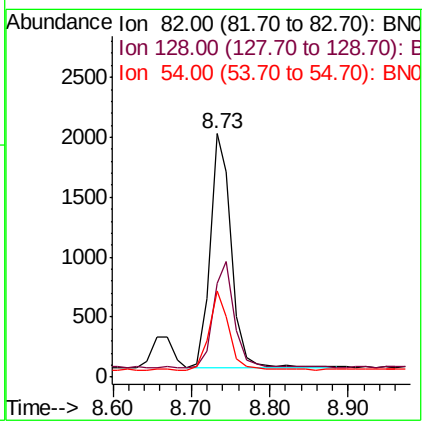


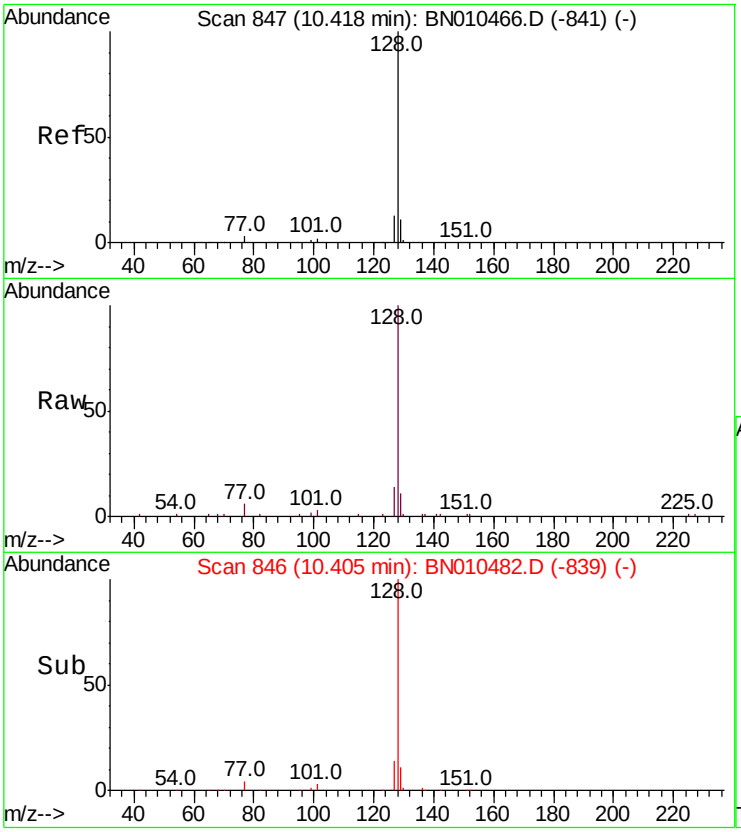


#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.73 min Scan# 714
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion: 82 Resp: 3639

Ion	Ratio	Lower	Upper
82	100		
128	38.3	41.3	61.9#
54	35.3	23.4	35.0#



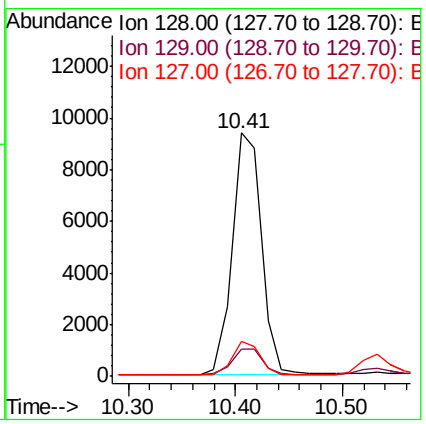


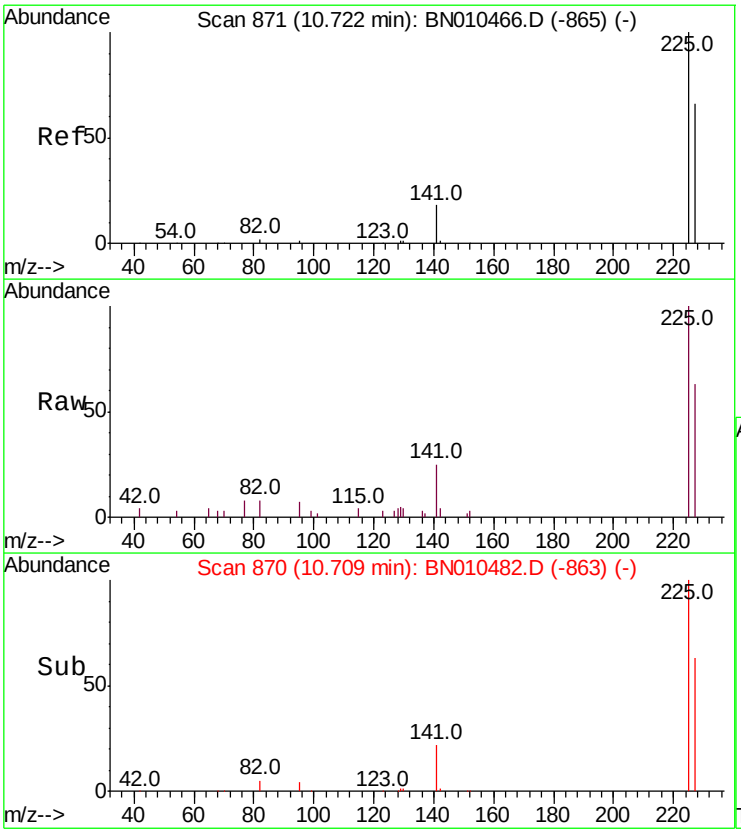
#9
Naphthalene
Concen: 0.443 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:128 Resp: 17715

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.2	10.5	15.7

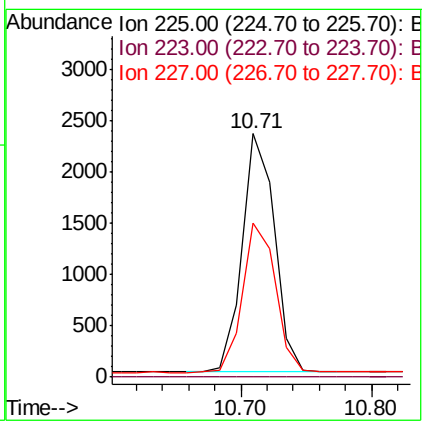


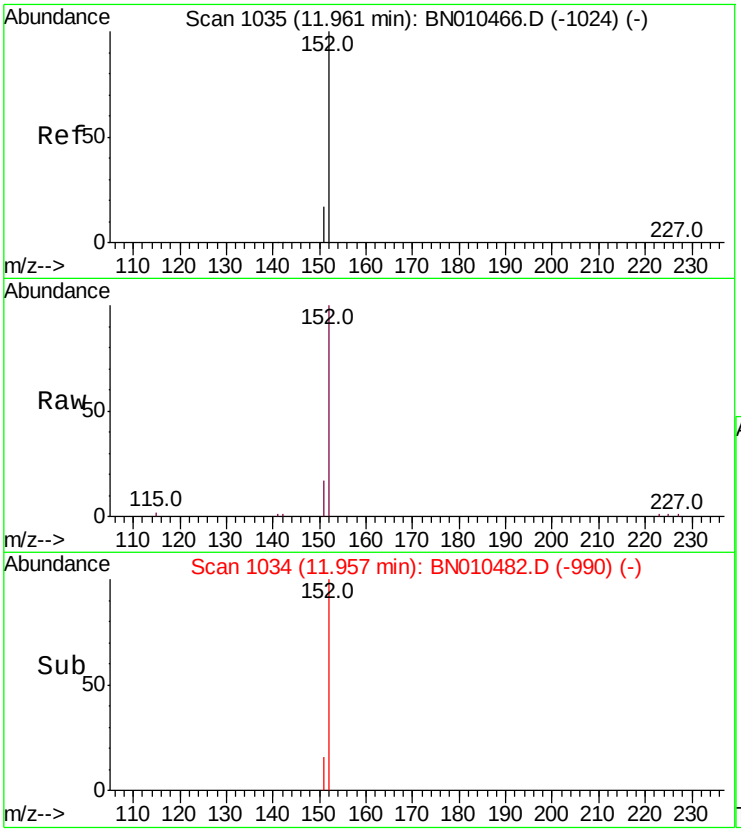


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:225 Resp: 3977

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.6	76.0



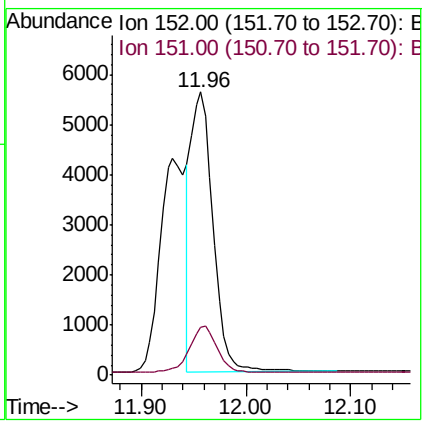


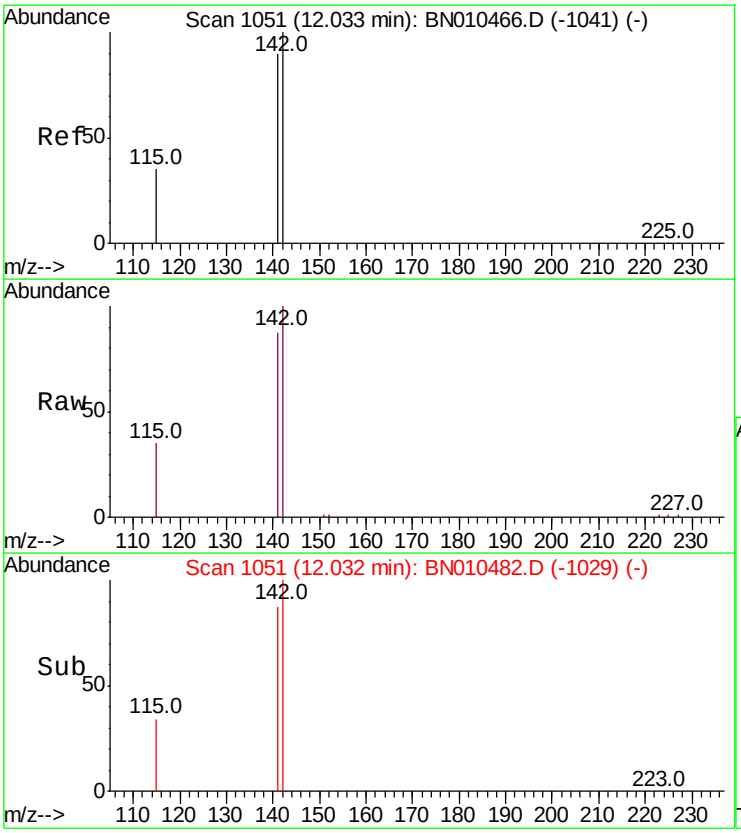
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.96 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:152 Resp: 8174

Ion	Ratio	Lower	Upper
152	100		
151	20.9	15.3	22.9

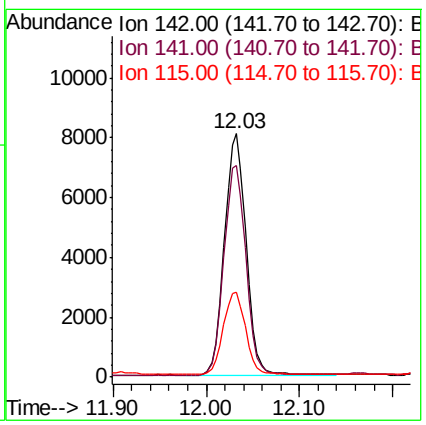


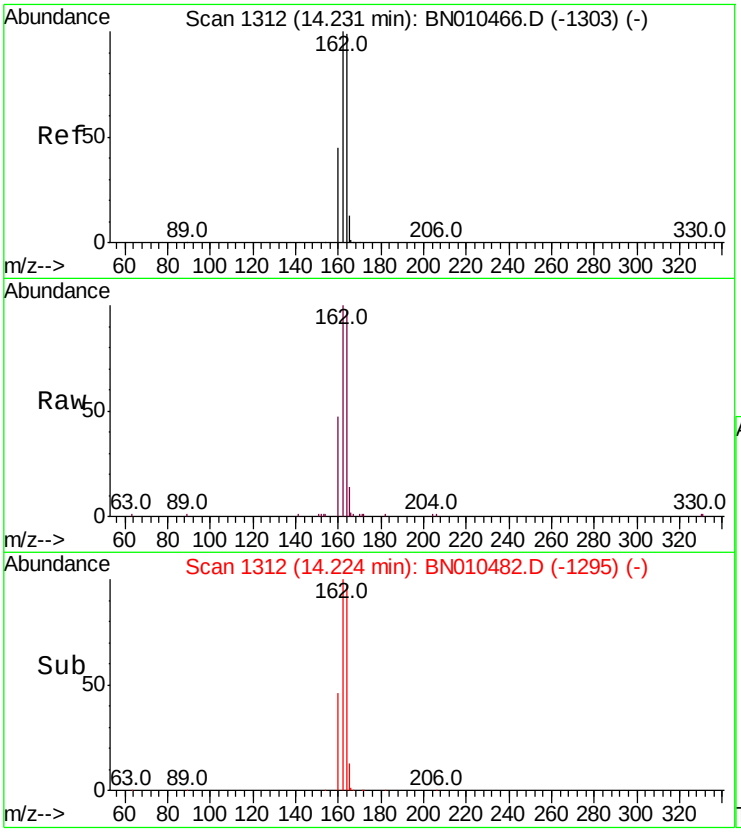


#12
2-Methylnaphthalene
Concen: 0.452 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:142 Resp: 12978

Ion	Ratio	Lower	Upper
142	100		
141	87.0	71.9	107.9
115	34.7	28.8	43.2



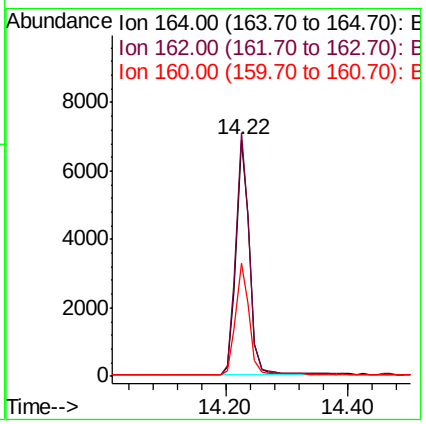


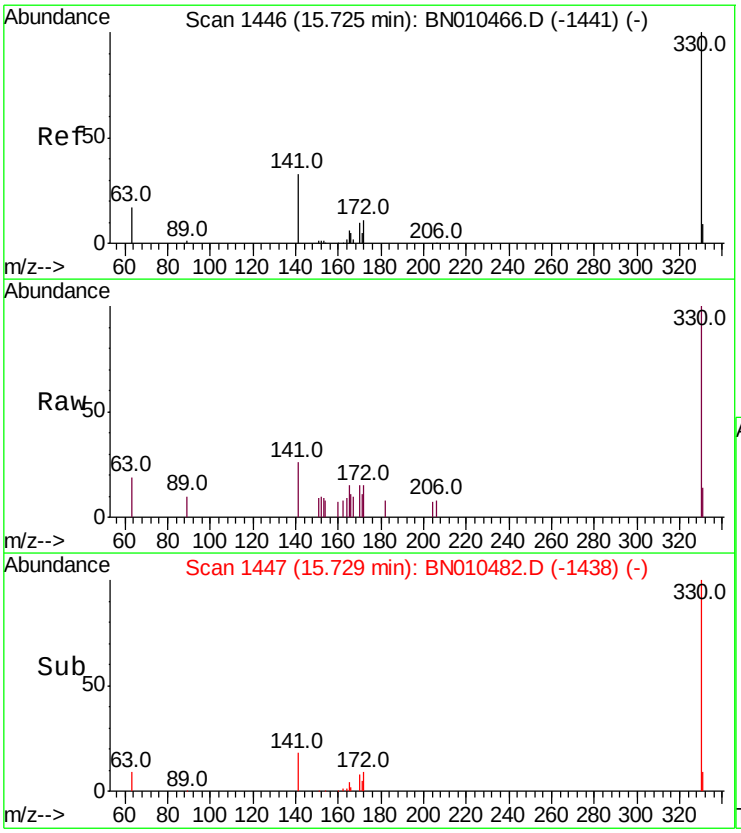
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:164 Resp: 10395

Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	121.0
160	48.1	36.5	54.7

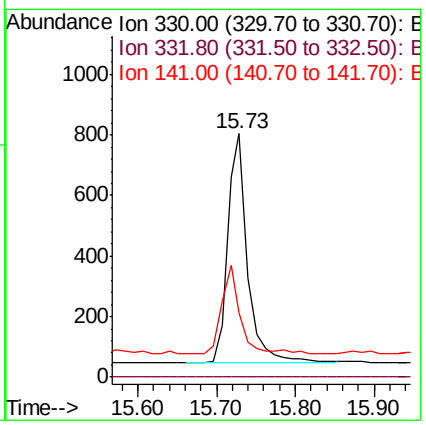


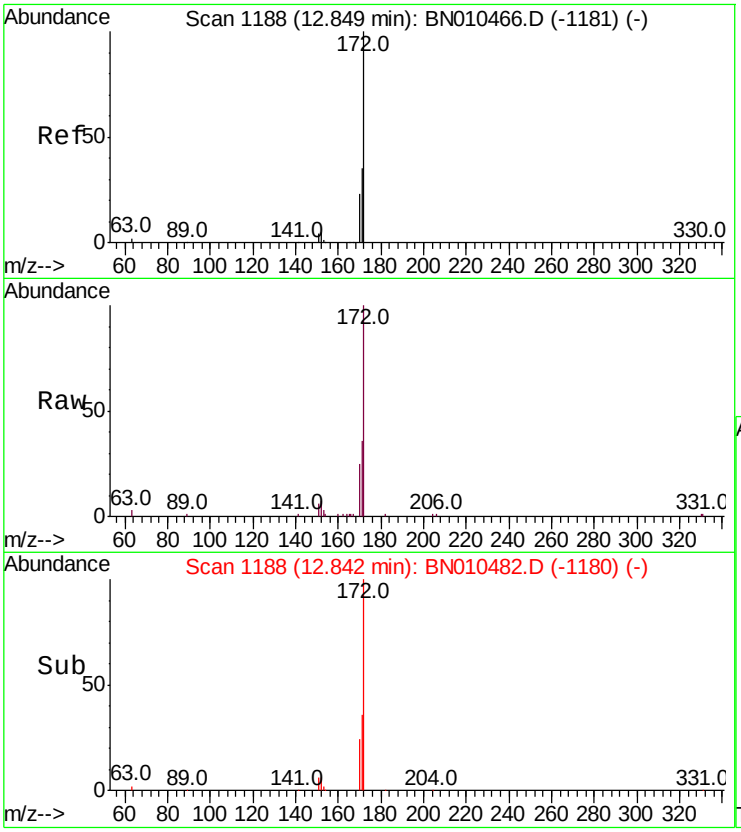


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:330 Resp: 1363

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.6	28.1	42.1



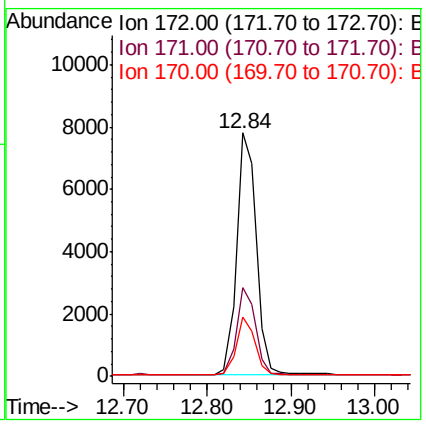


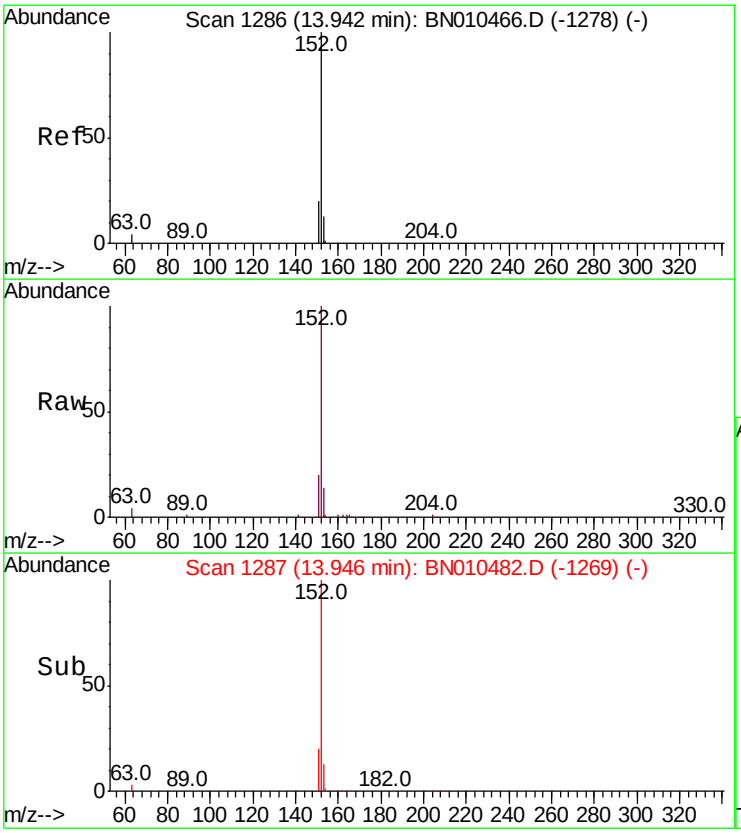
#15
2-Fluorobiphenyl
Concen: 0.334 ng
RT: 12.84 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:172 Resp: 12641

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.2	42.2
170	24.5	18.4	27.6

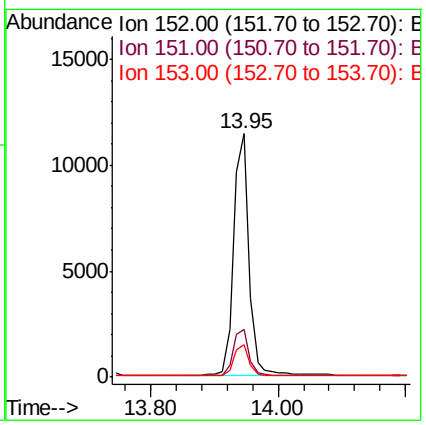


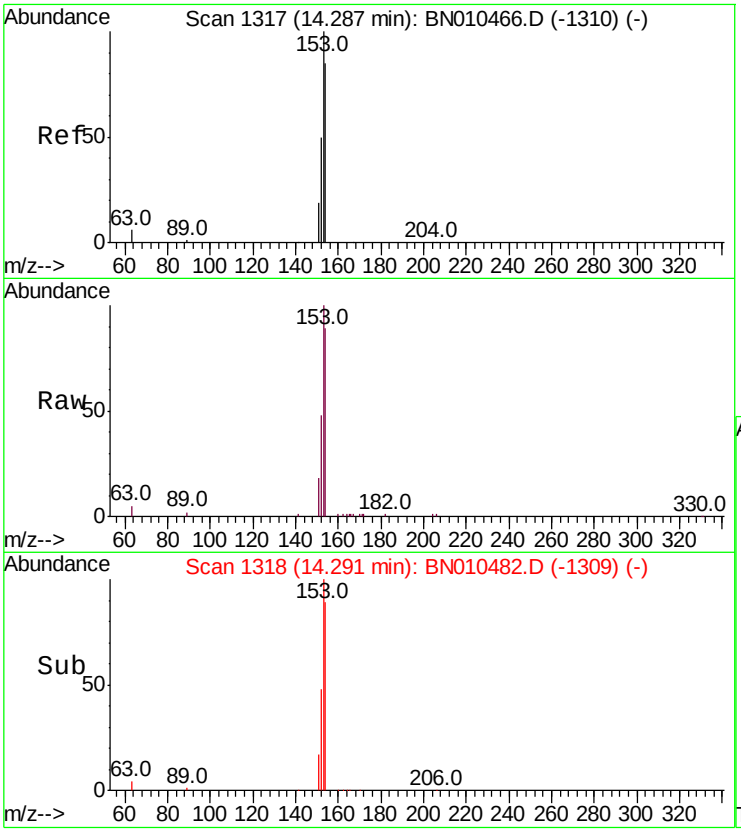


#16
Acenaphthylene
Concen: 0.432 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:152 Resp: 19397

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	12.9	10.6	15.8



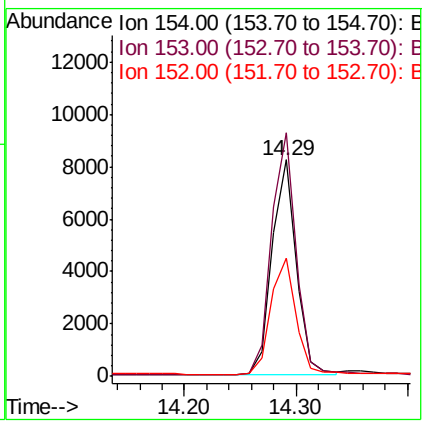


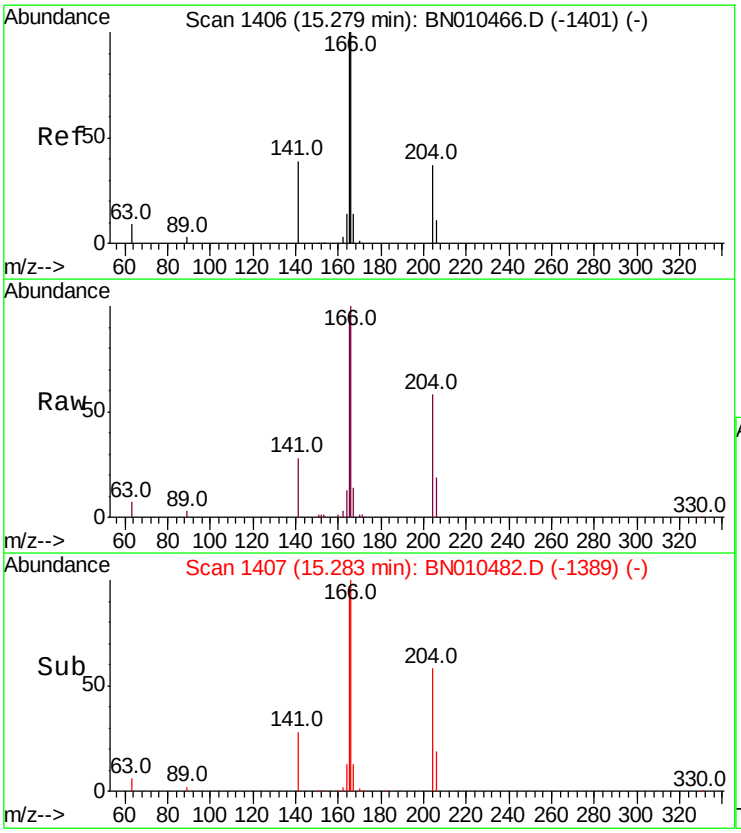
#17
Acenaphthene
Concen: 0.429 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:154 Resp: 12380

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.0	136.4
152	56.7	44.6	67.0

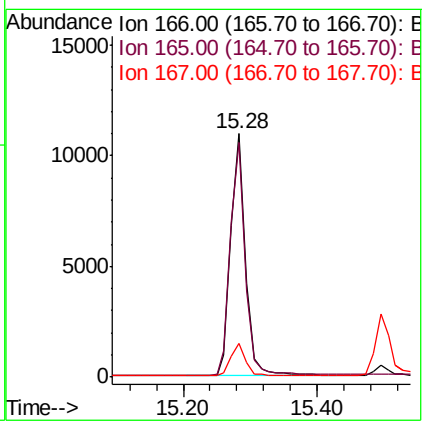


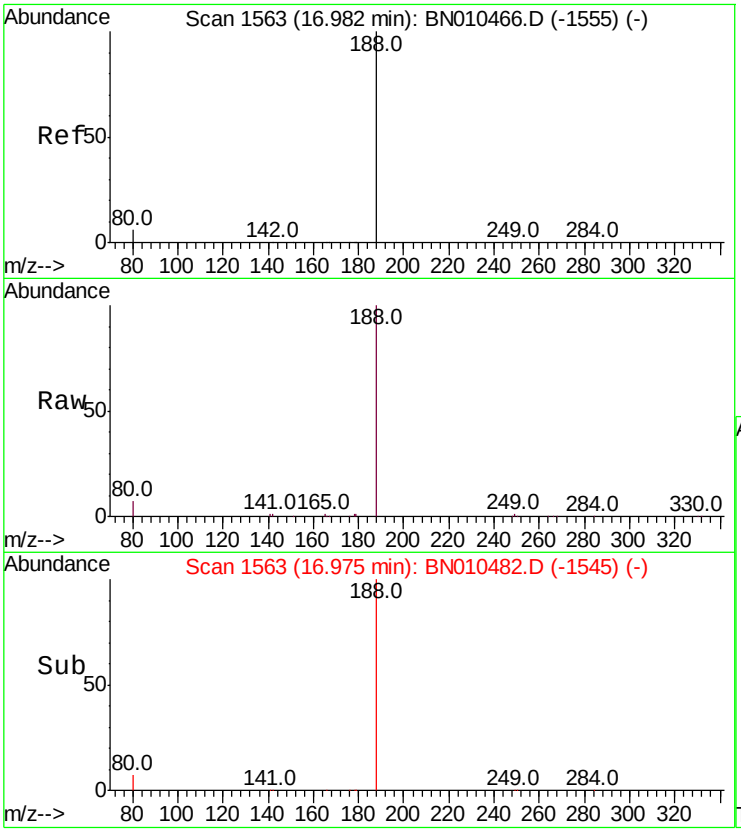


#18
Fluorene
Concen: 0.439 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:166 Resp: 16584

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.6	10.9	16.3



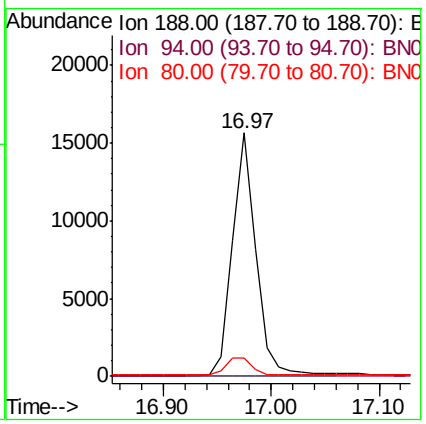


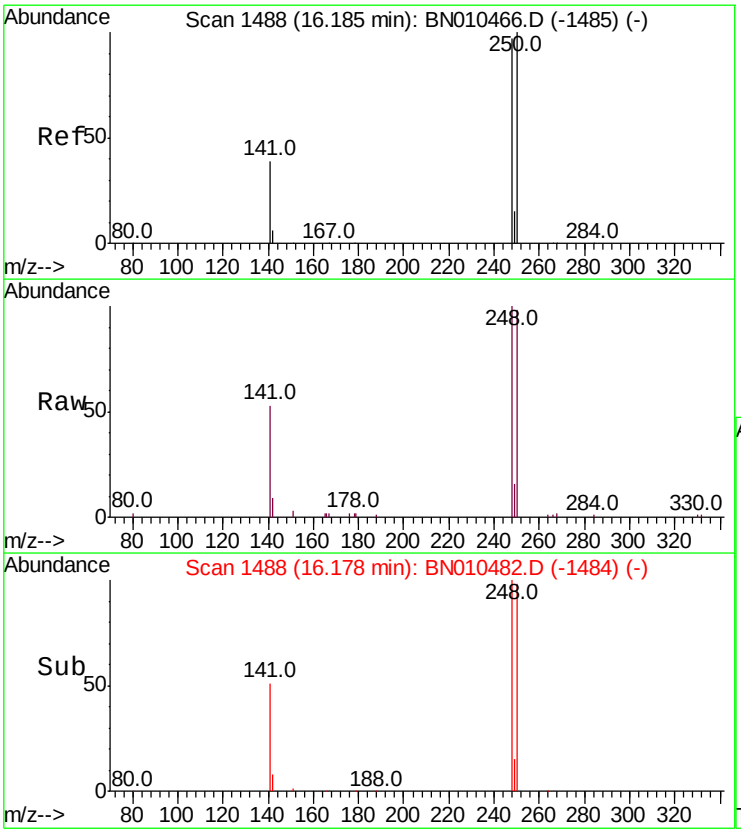
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:188 Resp: 23594

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	5.0	7.6

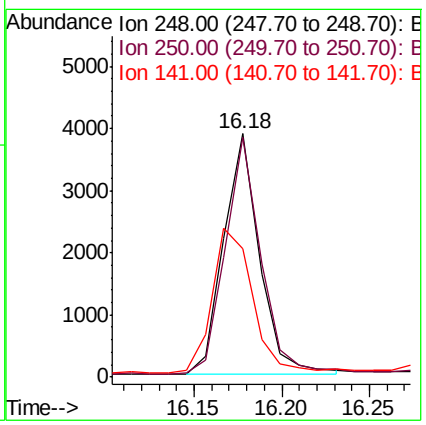


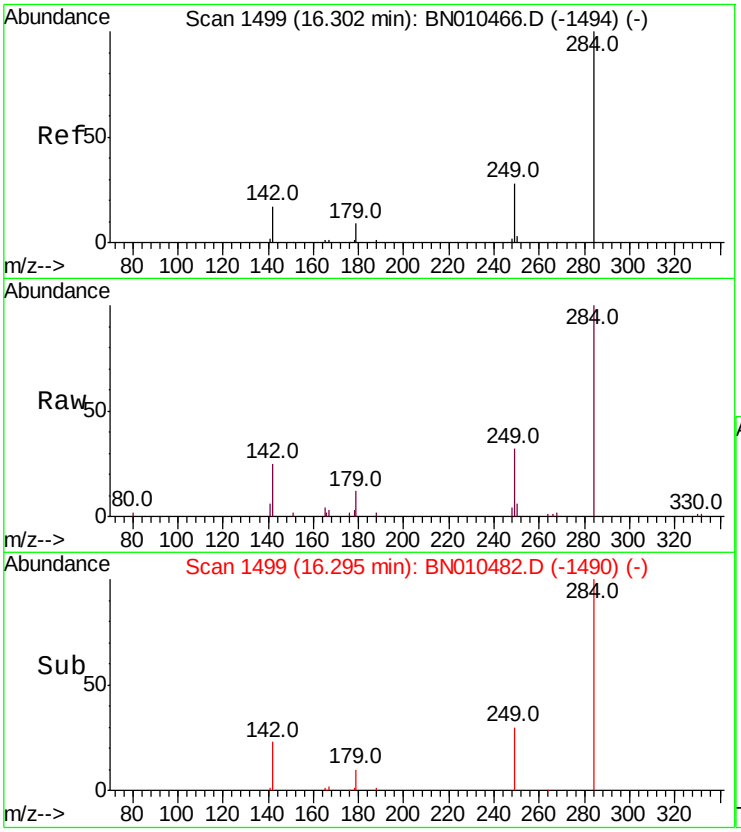


#20
4-Bromophenyl-phenylether
Concen: 0.415 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:248 Resp: 5434

Ion	Ratio	Lower	Upper
248	100		
250	98.3	82.3	123.5
141	52.7	35.2	52.8



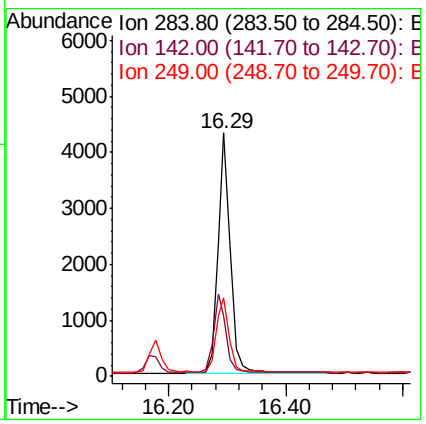


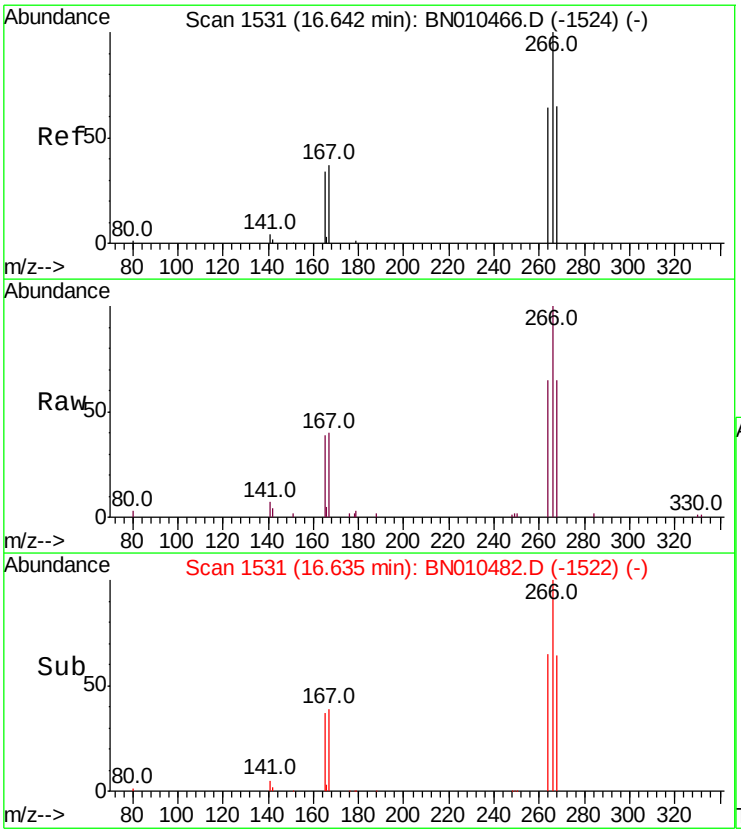
#21
Hexachlorobenzene
Concen: 0.431 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:284 Resp: 6446

Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.5	38.3
249	32.4	25.8	38.6

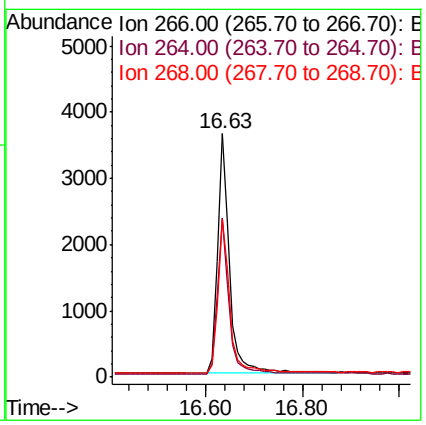


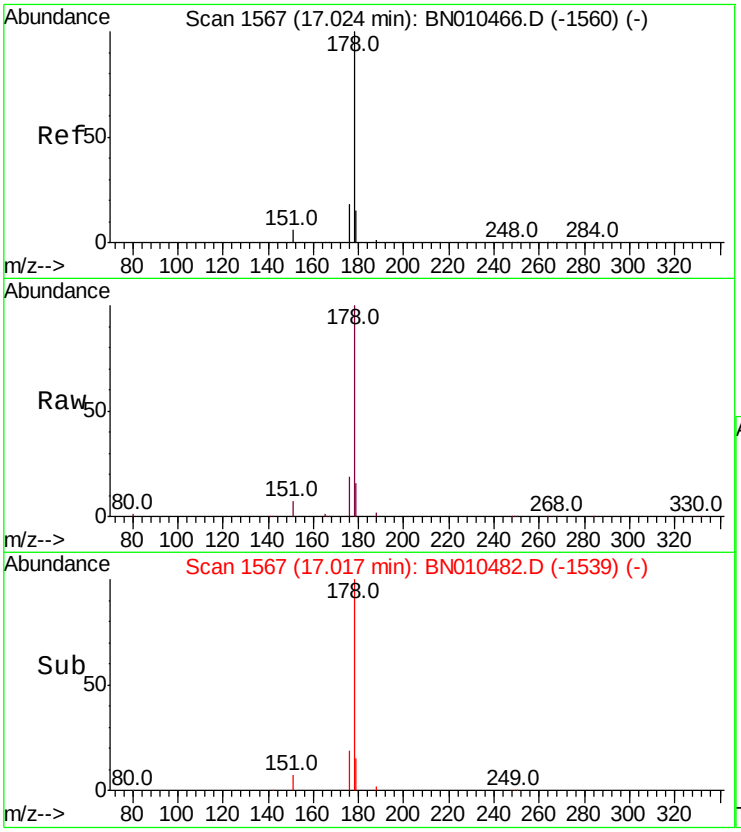


#22
Pentachlorophenol
Concen: 1.063 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:266 Resp: 6258

Ion	Ratio	Lower	Upper
266	100		
264	65.2	51.8	77.6
268	64.6	53.7	80.5



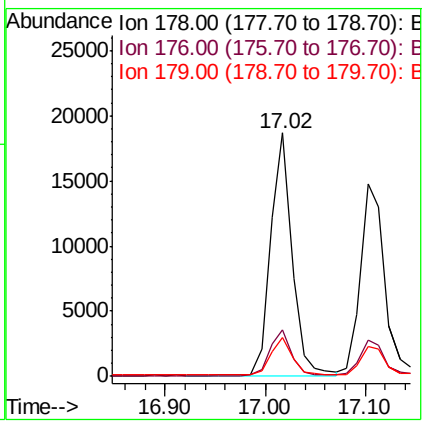


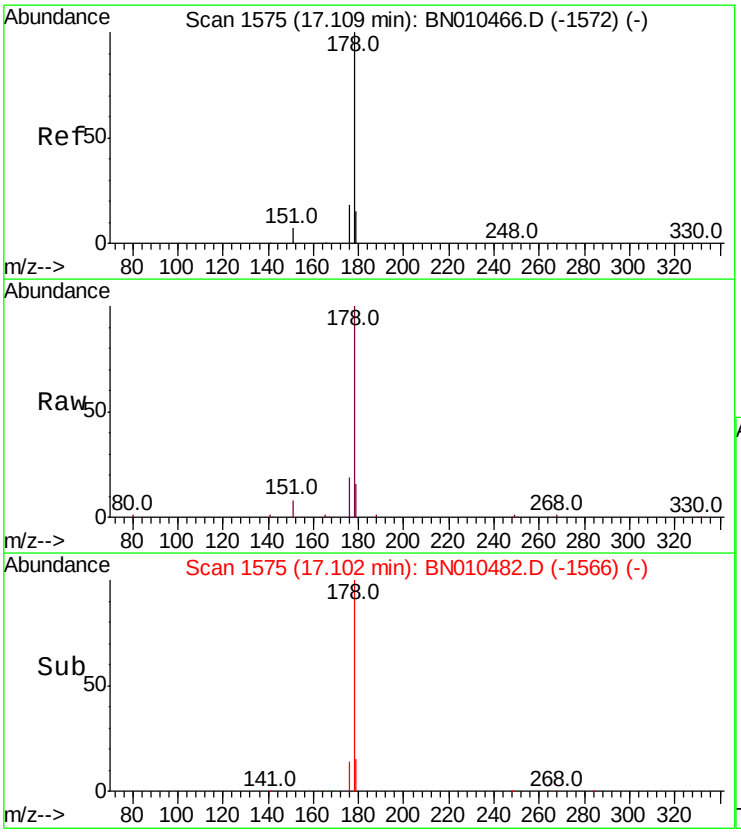
#23
Phenanthrene
Concen: 0.431 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:178 Resp: 27440

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.4	12.6	18.8

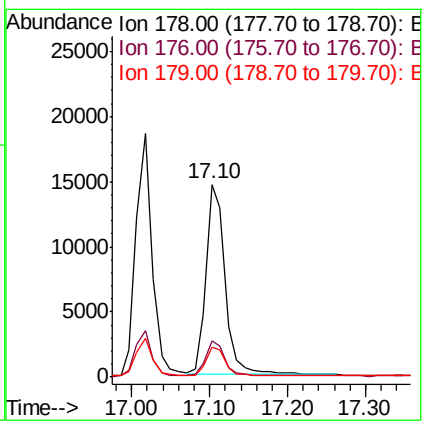


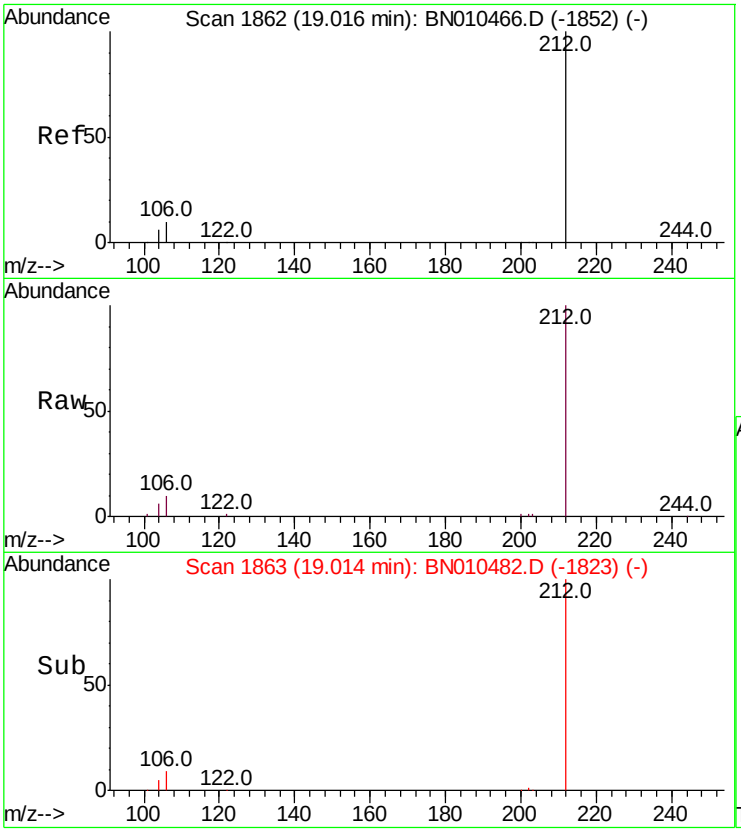


#24
Anthracene
Concen: 0.427 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:178 Resp: 24876

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.0	12.2	18.2



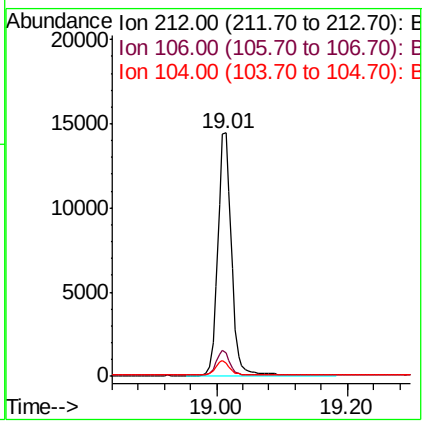


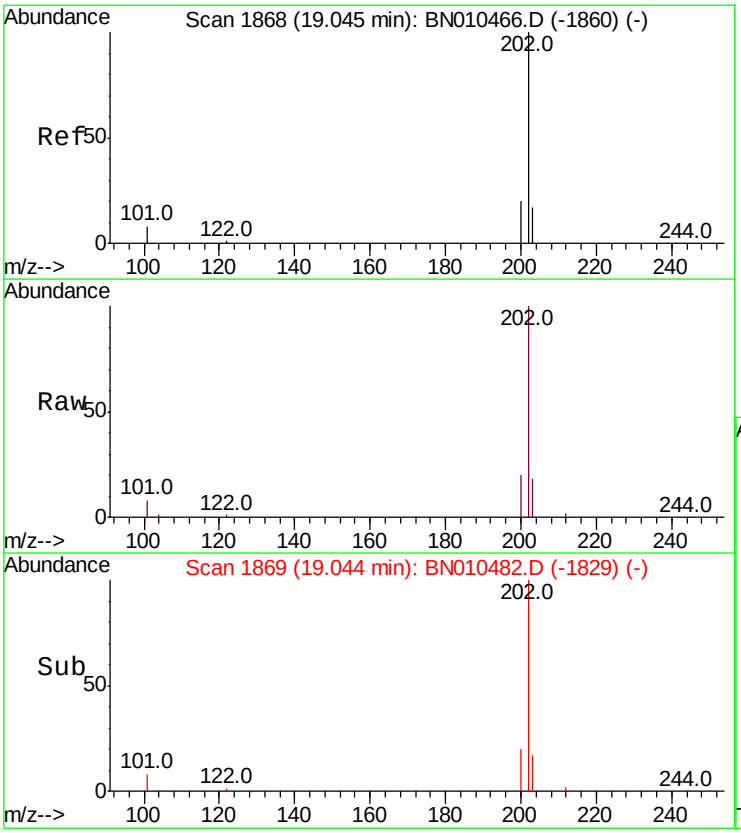
#25
Fluoranthene-d10
Concen: 0.295 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:212 Resp: 21116

Ion	Ratio	Lower	Upper
212	100		
106	10.0	7.8	11.6
104	5.7	4.5	6.7

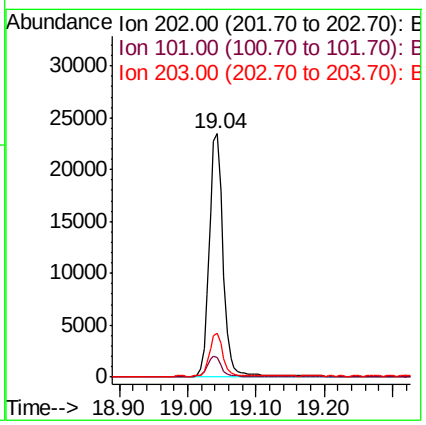


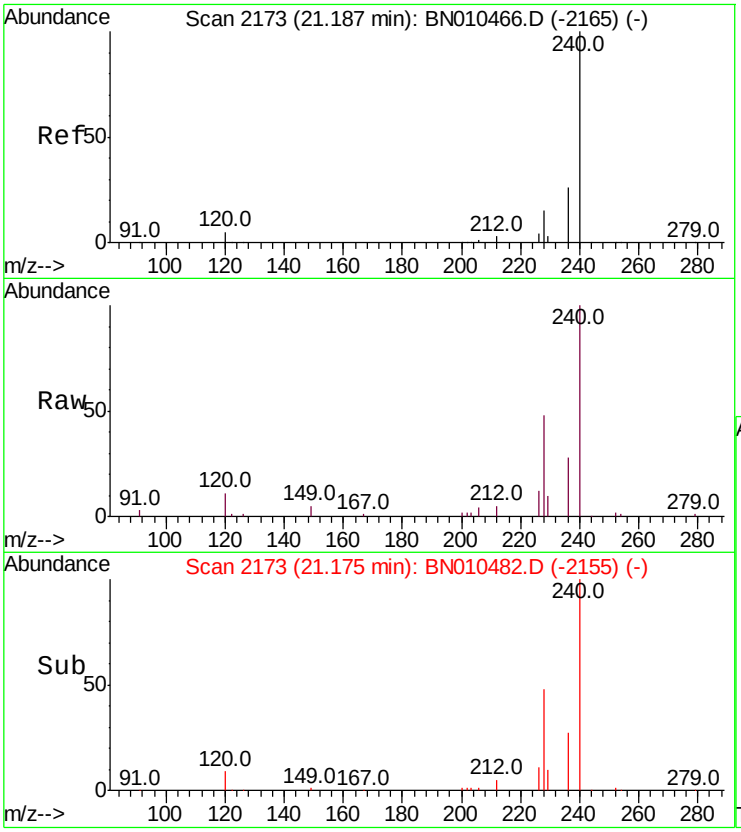


#26
Fluoranthene
Concen: 0.416 ng
RT: 19.04 min Scan# 1869
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:202 Resp: 32995

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
203	17.1	13.9	20.9



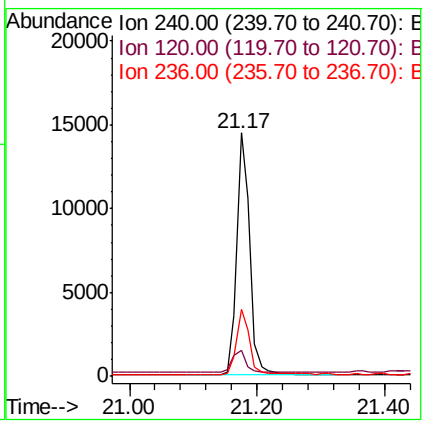


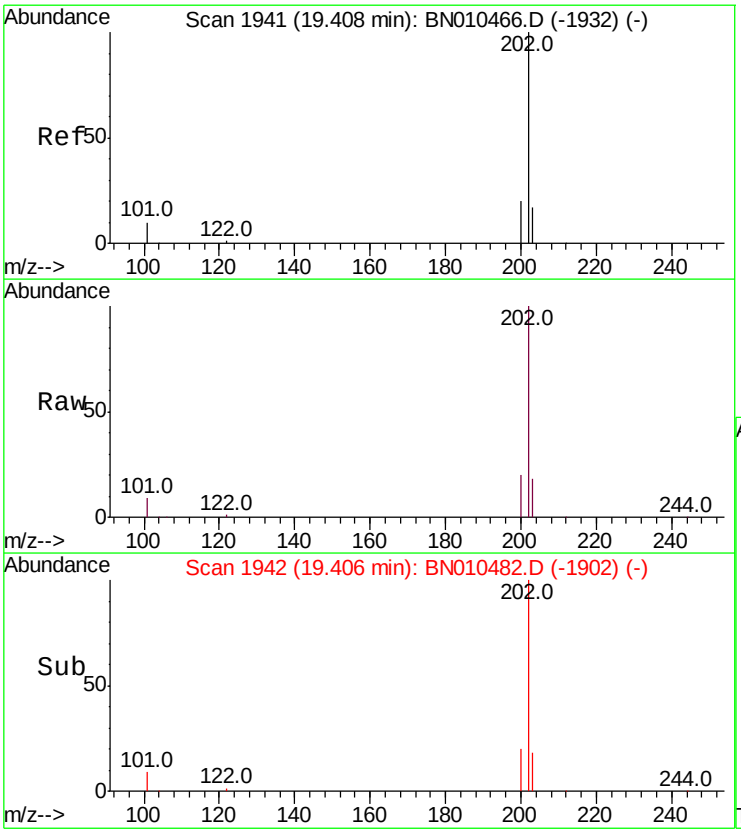
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:240 Resp: 20404

Ion	Ratio	Lower	Upper
240	100		
120	10.7	4.8	7.2#
236	27.7	21.4	32.0

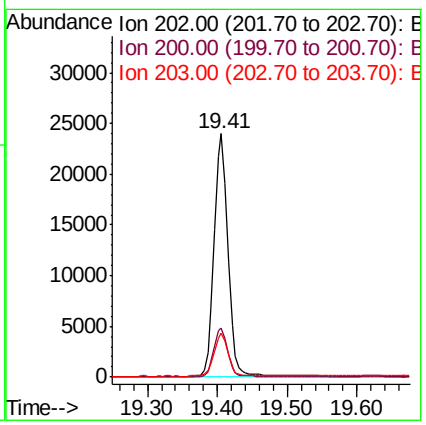


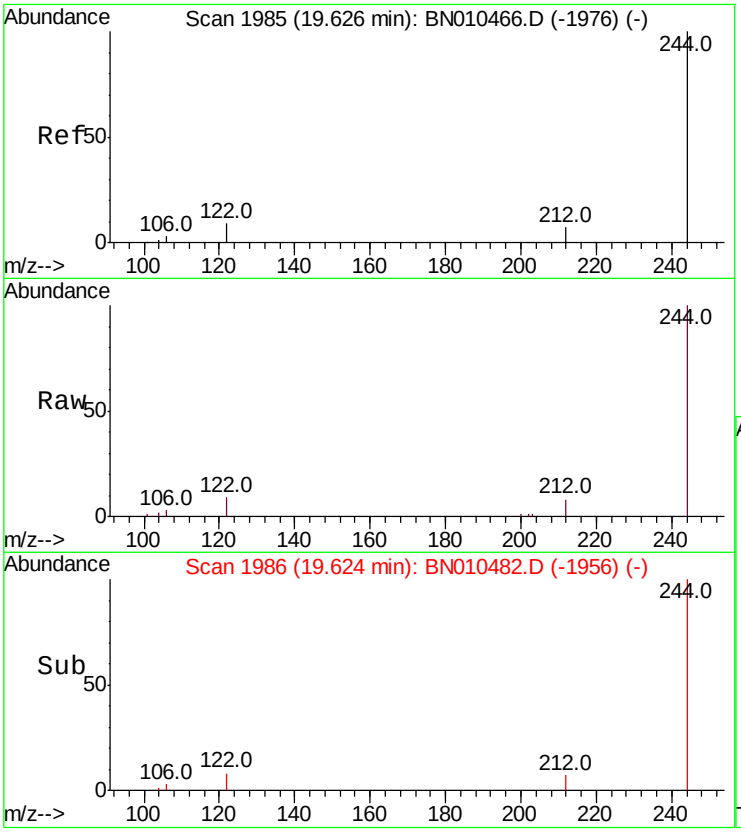


#28
Pyrene
Concen: 0.481 ng
RT: 19.41 min Scan# 1942
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:202 Resp: 33026

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	18.1	14.0	21.0



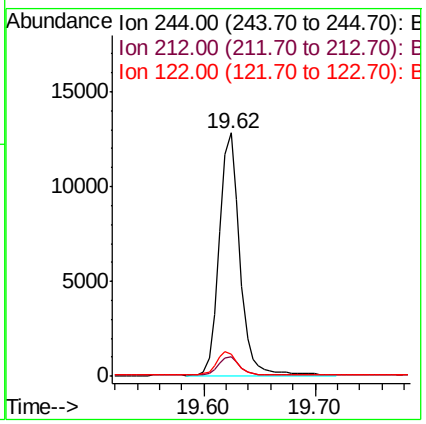


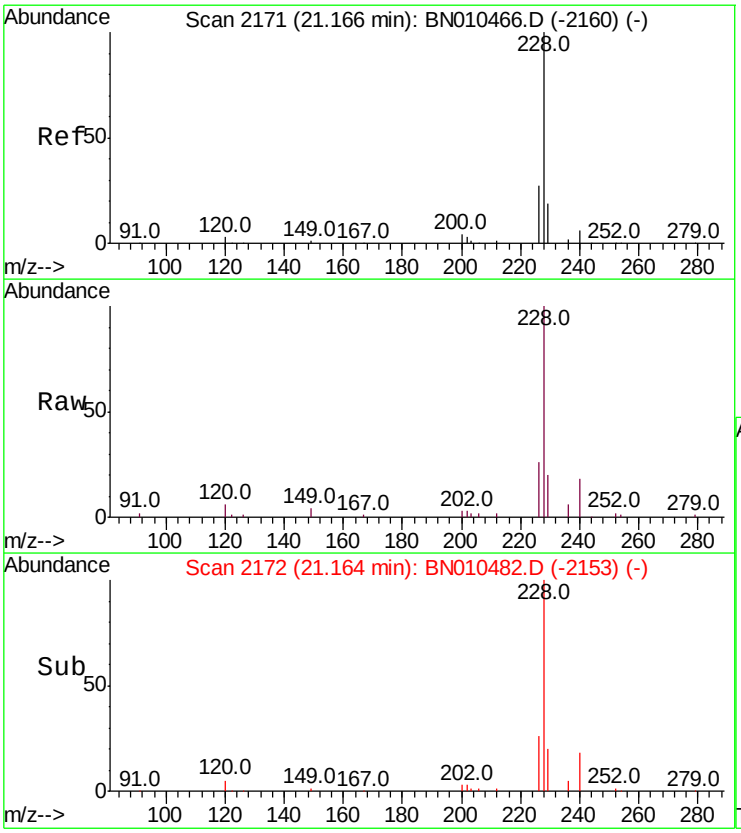
#29
Terphenyl-d14
Concen: 0.352 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:244 Resp: 16451

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.4
122	9.1	7.8	11.8

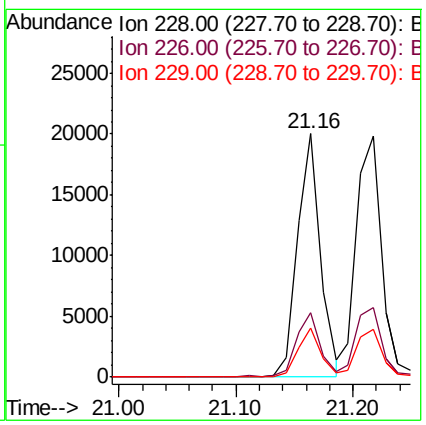


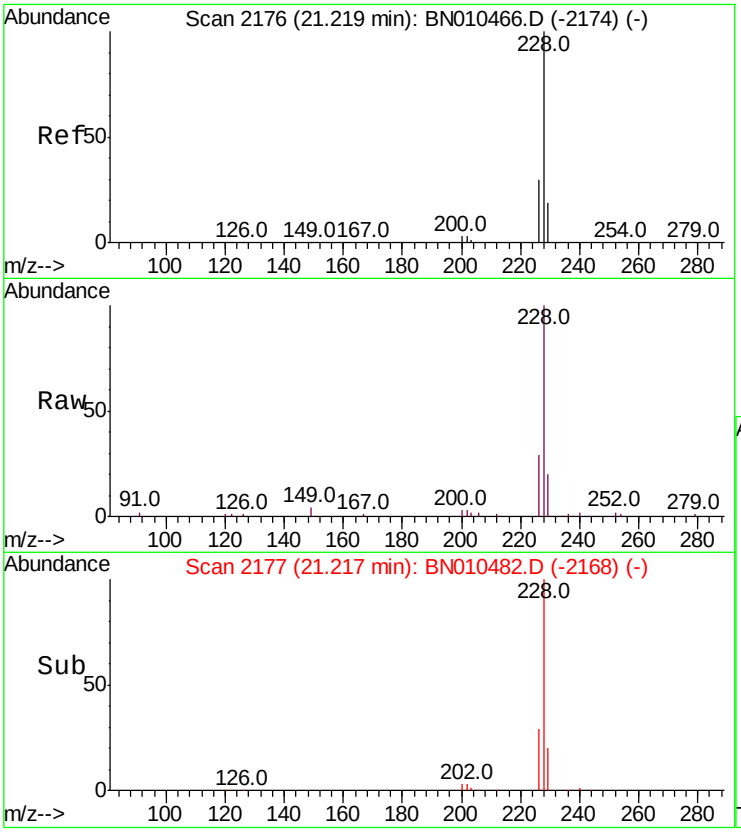


#30
Benzo(a)anthracene
Concen: 0.409 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:228 Resp: 27252

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.7	32.5
229	20.2	15.6	23.4



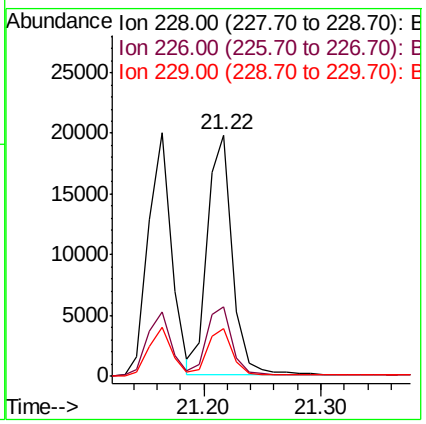


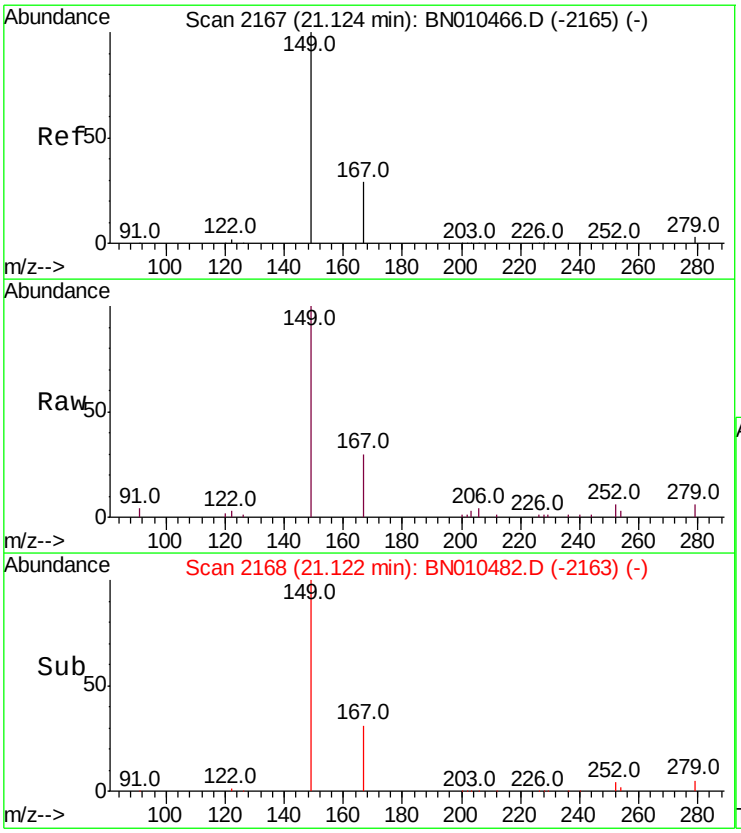
#31
Chrysene
Concen: 0.443 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:228 Resp: 29353

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	19.9	15.8	23.6

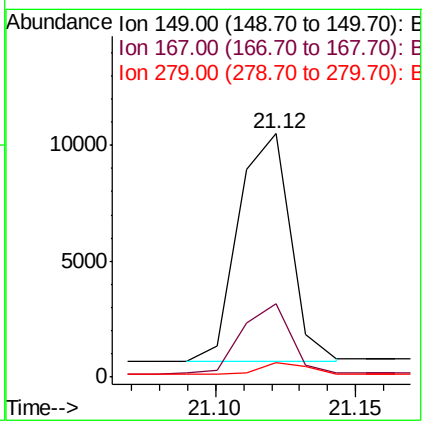


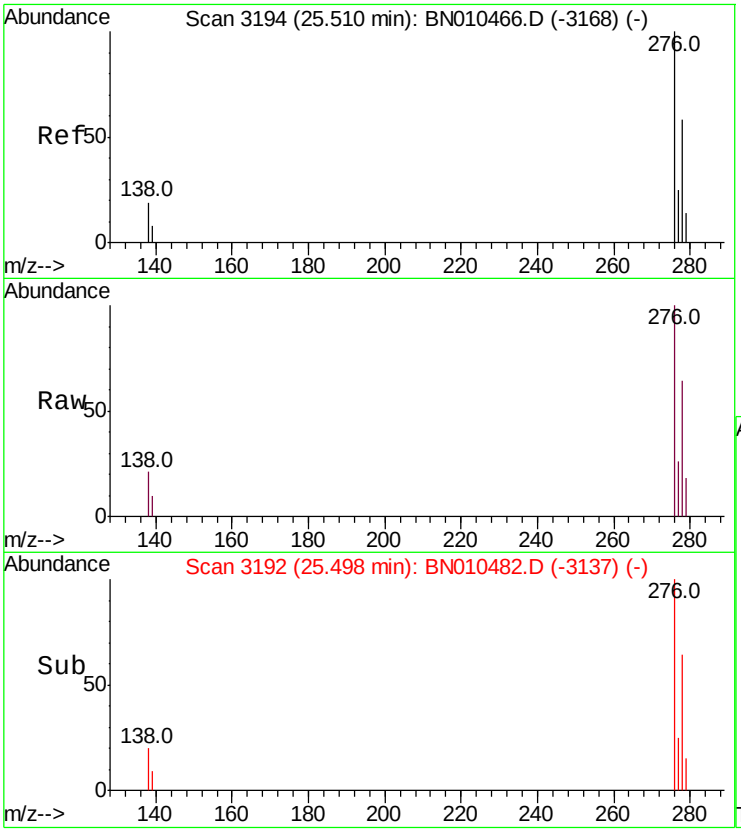


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.375 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:149 Resp: 12795

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.7	4.0	6.0



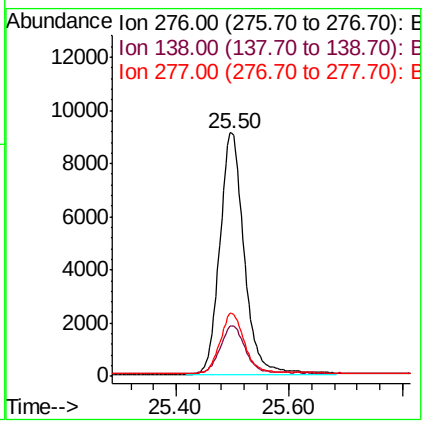


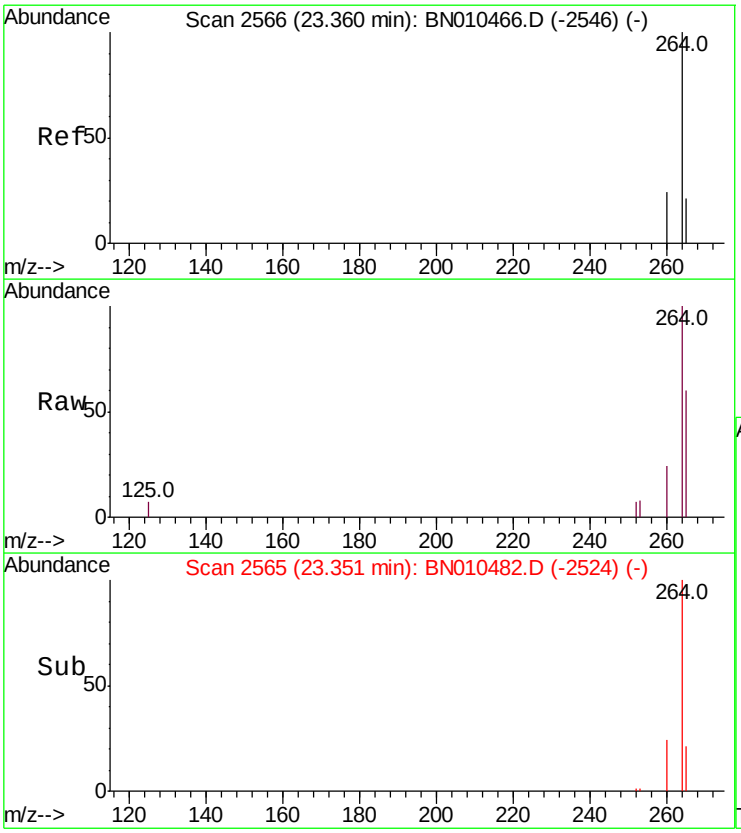
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.462 ng
RT: 25.50 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:276 Resp: 27106

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.4	24.6
277	25.2	19.8	29.6

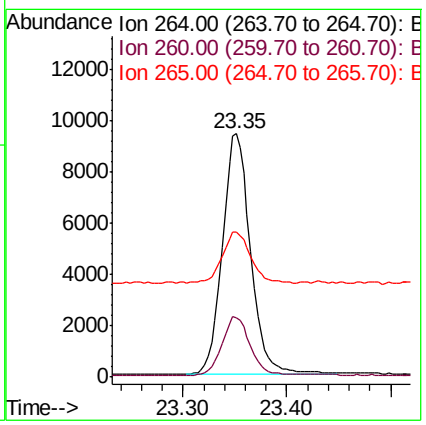


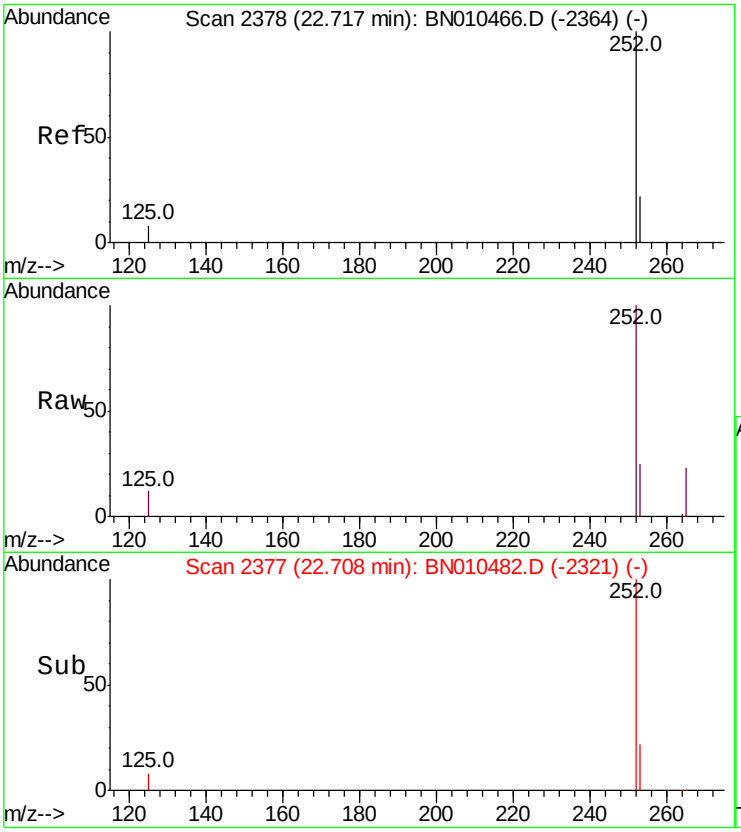


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2565
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:264 Resp: 17630

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.8
265	59.8	42.3	63.5



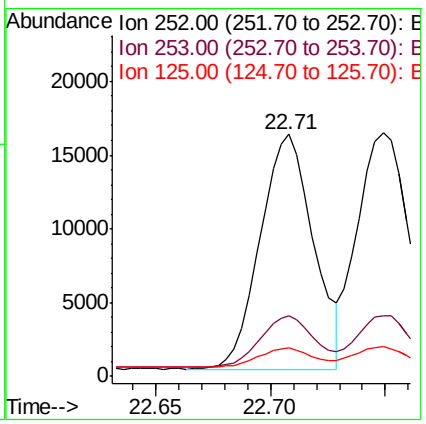


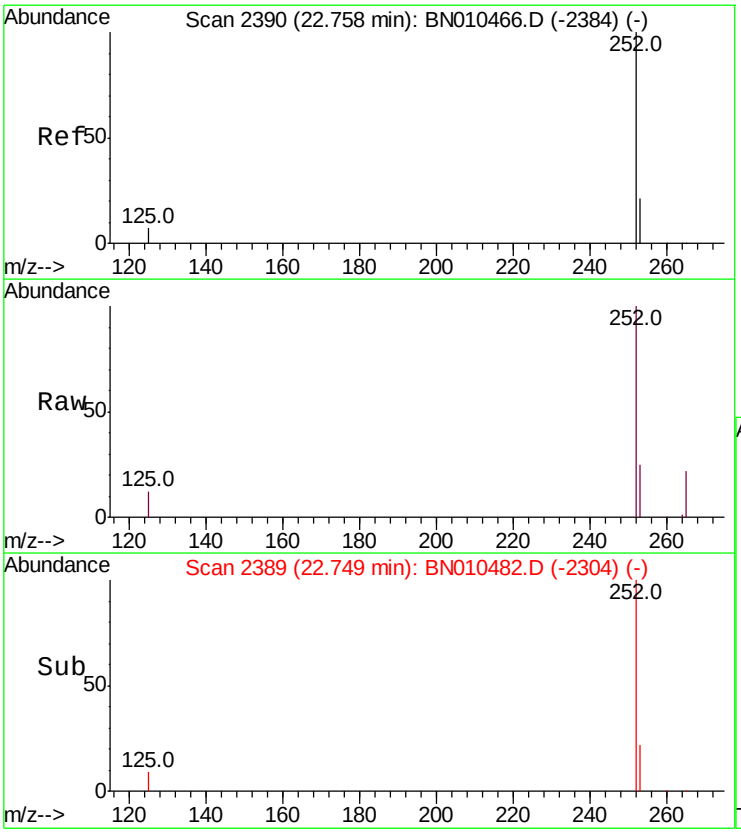
#35
Benzo(b)fluoranthene
Concen: 0.442 ng
RT: 22.71 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:252 Resp: 25669

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.2	30.4
125	11.6	9.2	13.8

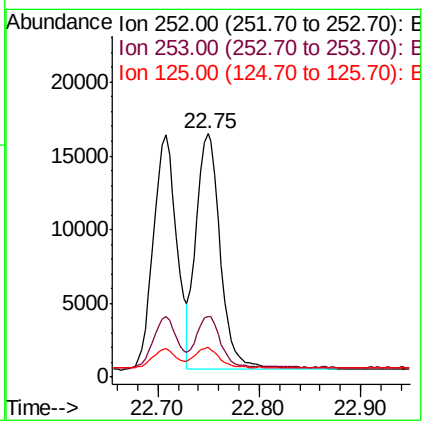


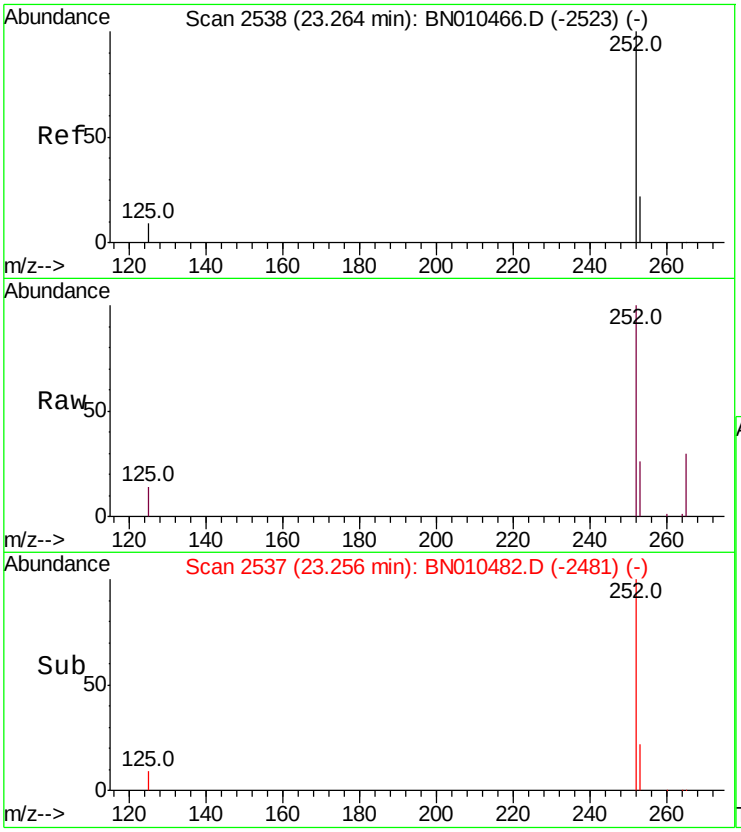


#36
Benzo(k)fluoranthene
Concen: 0.457 ng
RT: 22.75 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:252 Resp: 26582

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.1	30.1
125	12.2	9.6	14.4



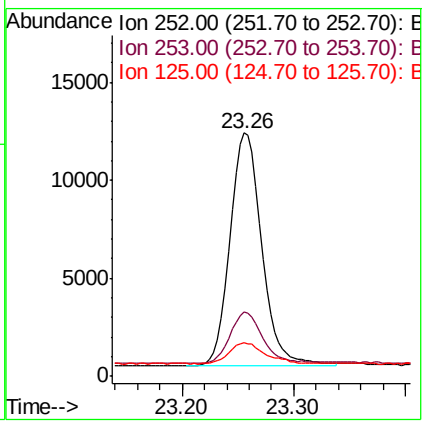


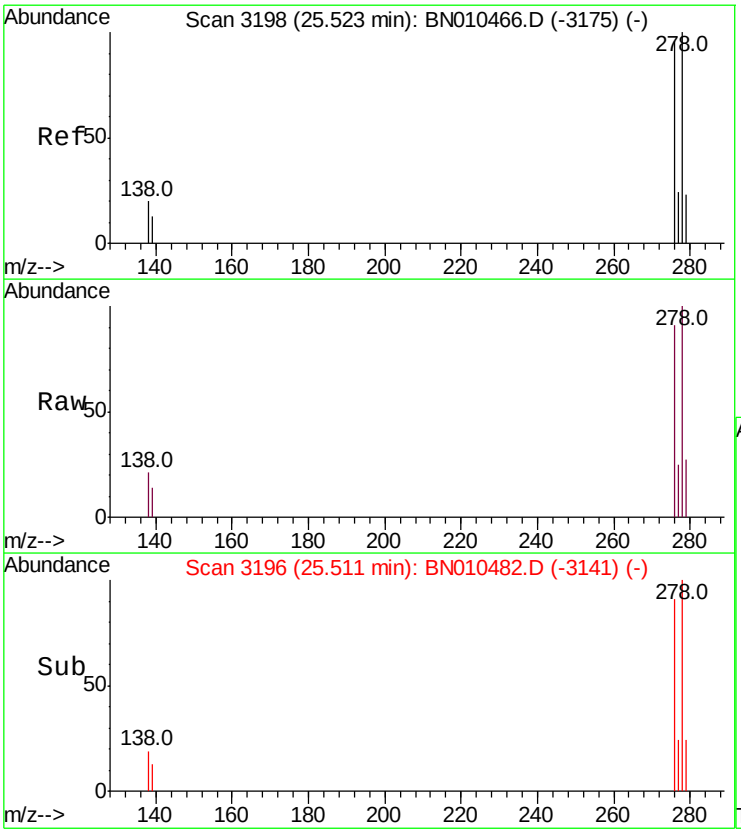
#37
Benzo(a)pyrene
Concen: 0.459 ng
RT: 23.26 min Scan# 2537
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:252 Resp: 23563

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.8	32.8
125	13.9	11.0	16.6

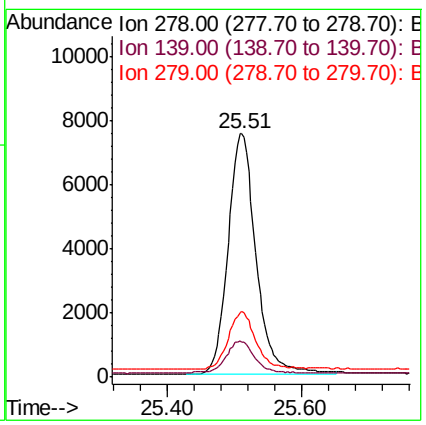


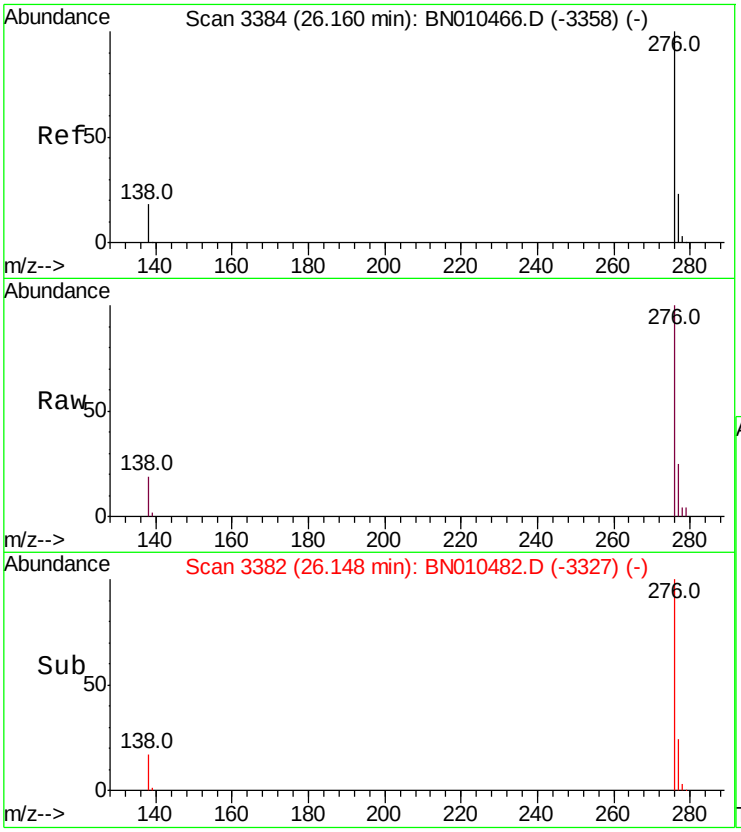


#38
Dibenzo(a,h)anthracene
Concen: 0.466 ng
RT: 25.51 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Tgt Ion:278 Resp: 21909

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.3	18.5
279	26.9	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 0.490 ng
RT: 26.15 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN010482.D
Acq: 14 Apr 2020 17:18

Instrument :
BNA_N
ClientSampleId :
PB128219BS

Tgt Ion:276 Resp: 23150

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	18.6	15.4	23.2