Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
Data File : BN010944.D
Acq On : 17 Jun 2020 17:11
Operator : CG/JU
Sample : PB129592BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB129592BS

Quant Time: Jun 17 17:42:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 13:14:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2469	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	7528	0.40	ng		0.00
13) Acenaphthene-d10	14.16	164	4070	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	8607	0.40	ng		0.00
27) Chrysene-d12	21.12	240	7917	0.40	ng		0.00
34) Perylene-d12	23.27	264	8396	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	1996	0.42	ng		0.00
5) Phenol-d6	6.74	99	2187	0.39	ng		0.00
8) Nitrobenzene-d5	8.68	82	2379	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4899	0.42	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	627	0.43	ng		0.00
15) 2-Fluorobiphenyl	12.79	172	6867	0.43	ng		0.00
25) Fluoranthene-d10	18.95	212	9743	0.41	ng		0.00
29) Terphenyl-d14	19.57	244	7784	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	977	0.404	ng		98
3) n-Nitrosodimethylamine	3.55	42	555	0.395	ng	#	95
6) bis(2-Chloroethyl)ether	6.99	93	2008	0.367	ng		95
9) Naphthalene	10.34	128	7989	0.422	ng		99
10) Hexachlorobutadiene	10.63	225	2085	0.446	ng	#	99
12) 2-Methylnaphthalene	11.96	142	5309	0.419	ng		99
16) Acenaphthylene	13.88	152	6999	0.420	ng		99
17) Acenaphthene	14.22	154	4815	0.424	ng		98
18) Fluorene	15.22	166	6110	0.417	ng		98
20) 4-Bromophenyl-phenylether	16.11	248	2221	0.429	ng	#	82
21) Hexachlorobenzene	16.23	284	2339	0.434	ng		99
22) Pentachlorophenol	16.58	266	721	0.398	ng		96
23) Phenanthrene	16.95	178	9628	0.410	ng		99
24) Anthracene	17.05	178	7930	0.404	ng		99
26) Fluoranthene	18.98	202	10846	0.406	ng		99
28) Pyrene	19.35	202	10888	0.416	ng		100
30) Benzo(a)anthracene	21.11	228	9364	0.402	ng		99
31) Chrysene	21.15	228	11652	0.430	ng		99
32) Bis(2-ethylhexyl)phthalate	21.07	149	3342	0.431	ng		97
33) Indeno(1,2,3-cd)pyrene	25.38	276	13531	0.446	ng		97
35) Benzo(b)fluoranthene	22.64	252	11275	0.395	ng		99
36) Benzo(k)fluoranthene	22.68	252	12809	0.421	ng		98
37) Benzo(a)pyrene	23.18	252	9961	0.407	ng		96
38) Dibenzo(a,h)anthracene	25.39	278	10962	0.393	ng		97
39) Benzo(g,h,i)perylene	26.01	276	11414	0.391	ng		98

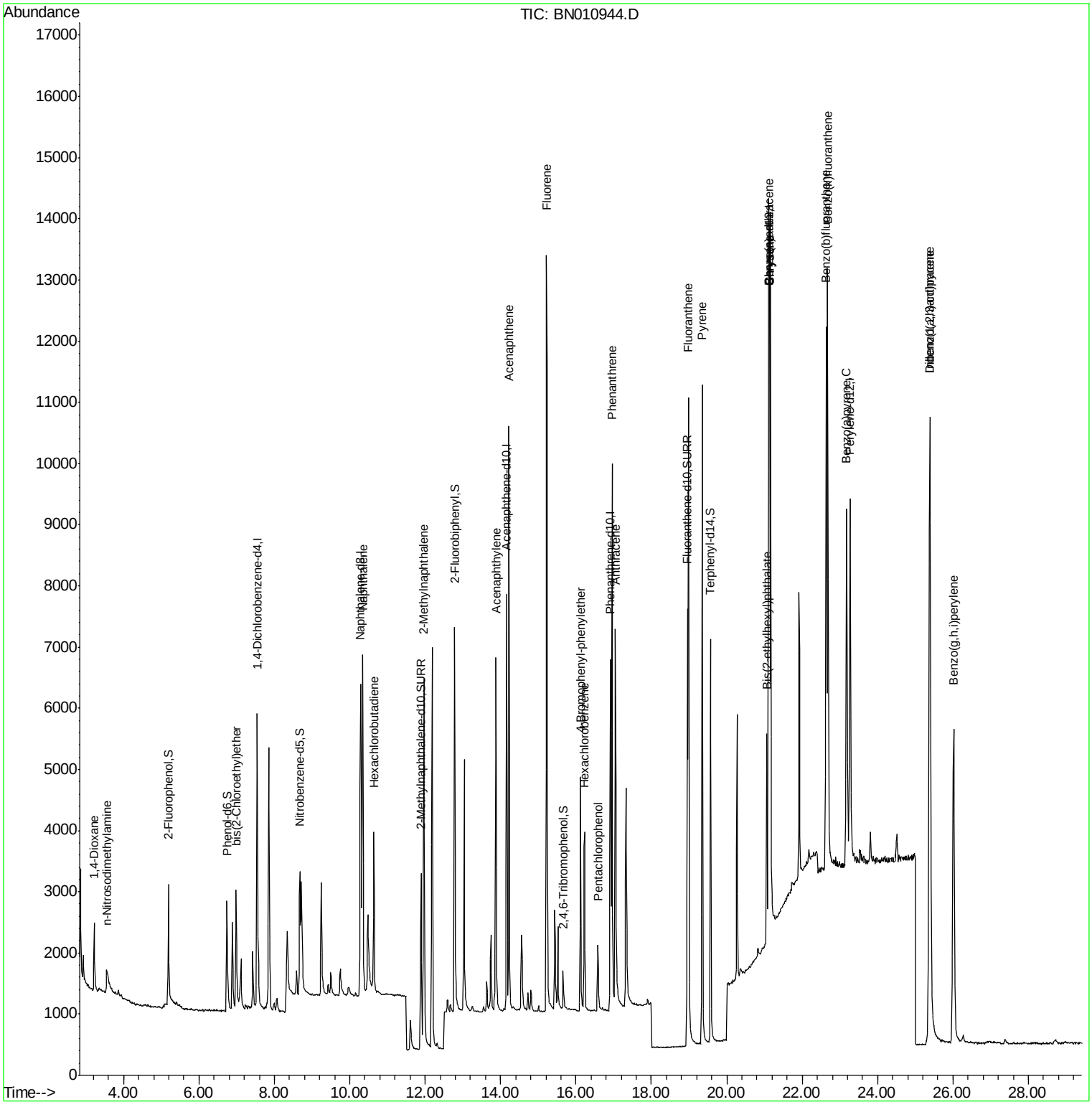
(#) = qualifier out of range (m) = manual integration (+) = signals summed

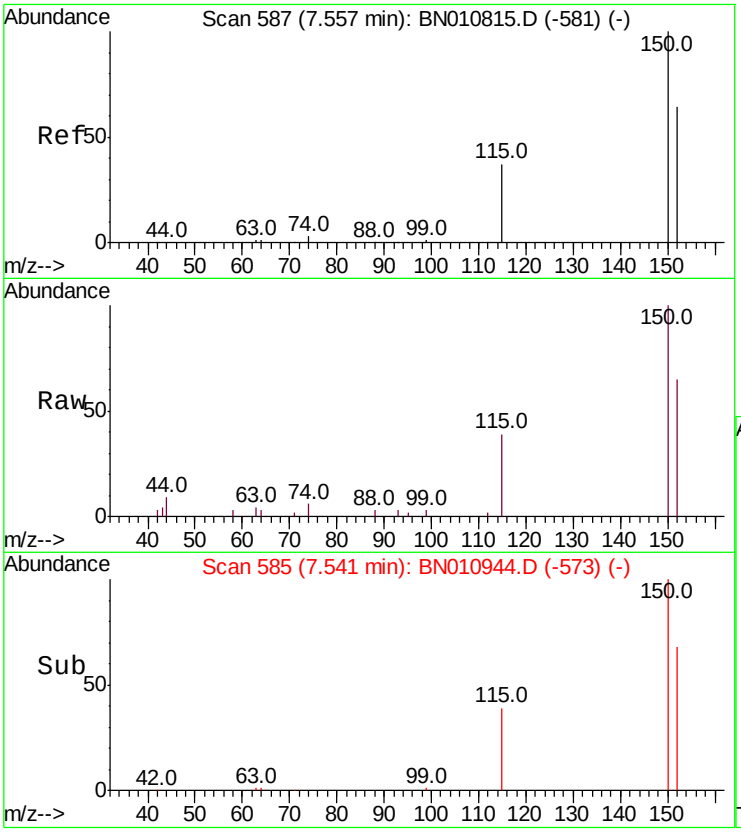
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061720\
Data File : BN010944.D
Acq On : 17 Jun 2020 17:11
Operator : CG/JU
Sample : PB129592BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Quant Time: Jun 17 17:42:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 17 13:14:12 2020
Response via : Initial Calibration



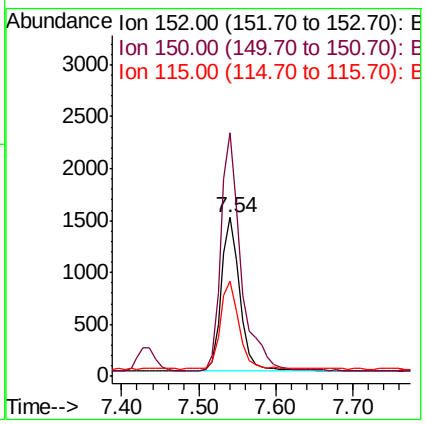


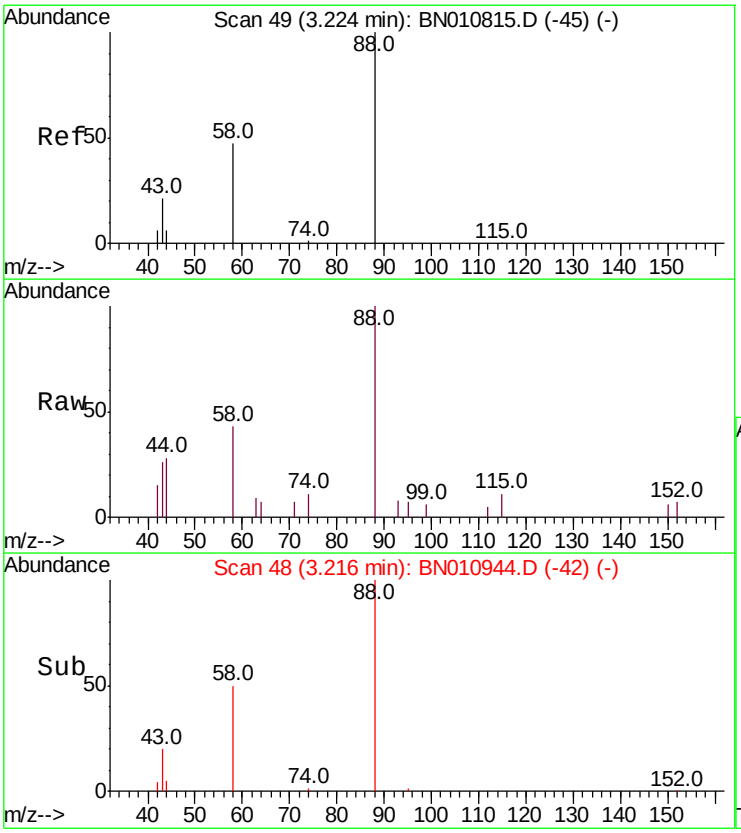
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:152 Resp: 2469

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.8	185.6
115	59.7	49.2	73.8

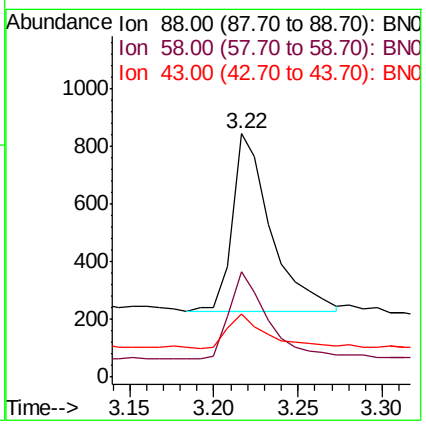


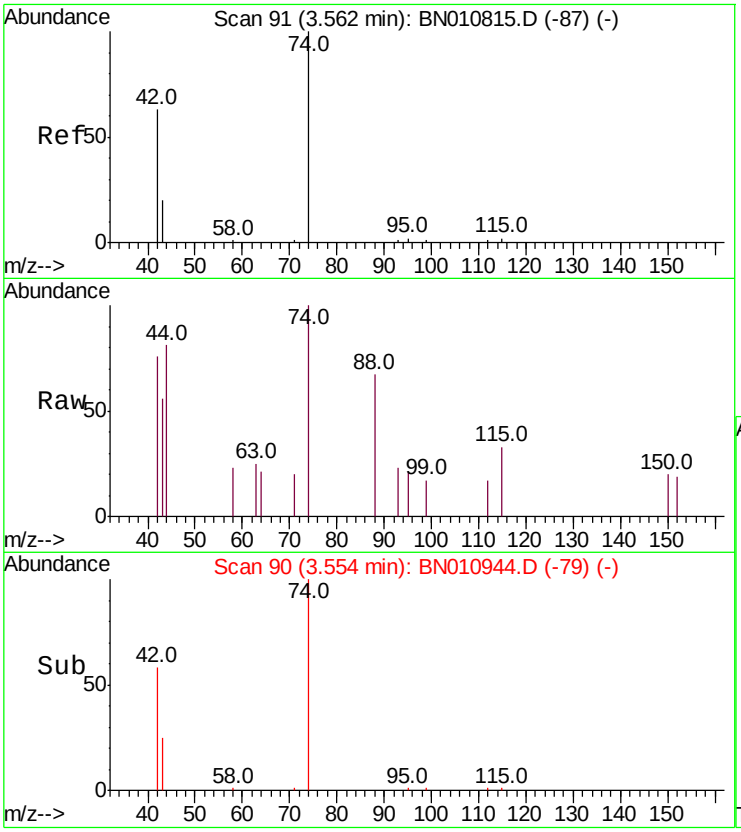


#2
1,4-Dioxane
Concen: 0.404 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion: 88 Resp: 977

Ion	Ratio	Lower	Upper
88	100		
58	49.5	38.2	57.4
43	19.7	15.1	22.7



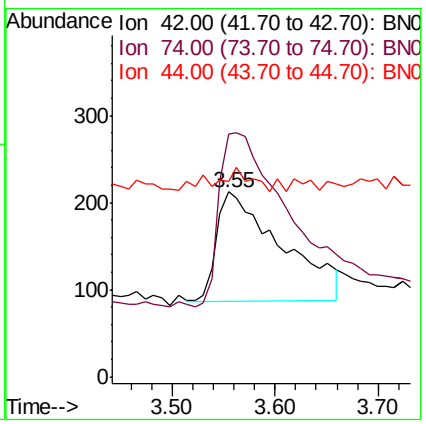


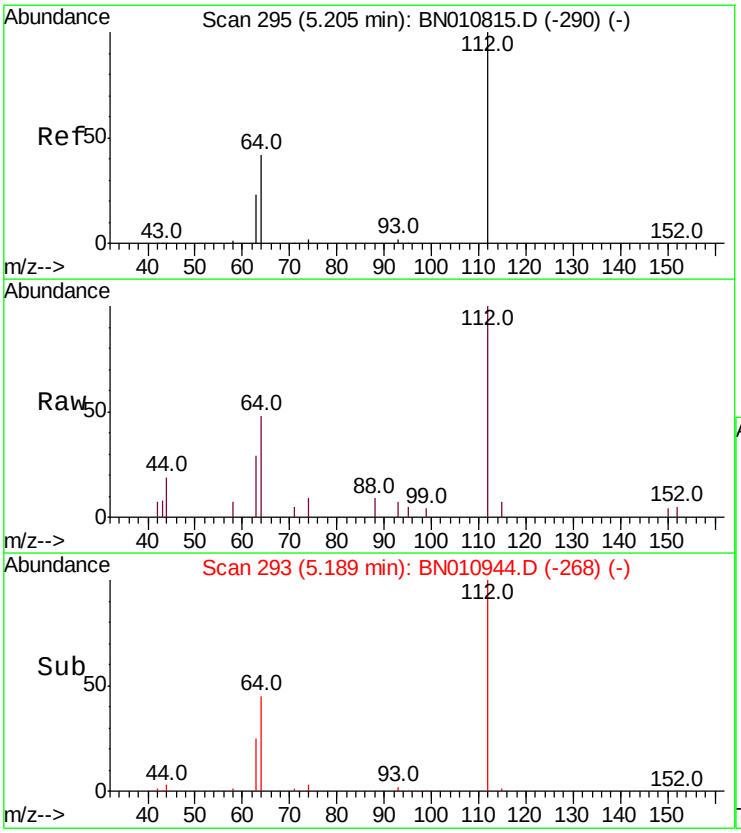
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.01 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion: 42 Resp: 555

Ion	Ratio	Lower	Upper
42	100		
74	169.0	140.7	211.1
44	7.9	1.4	2.2#

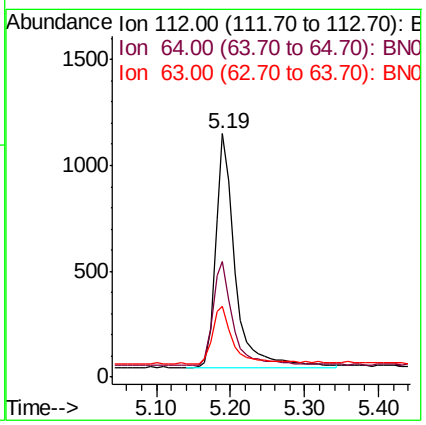


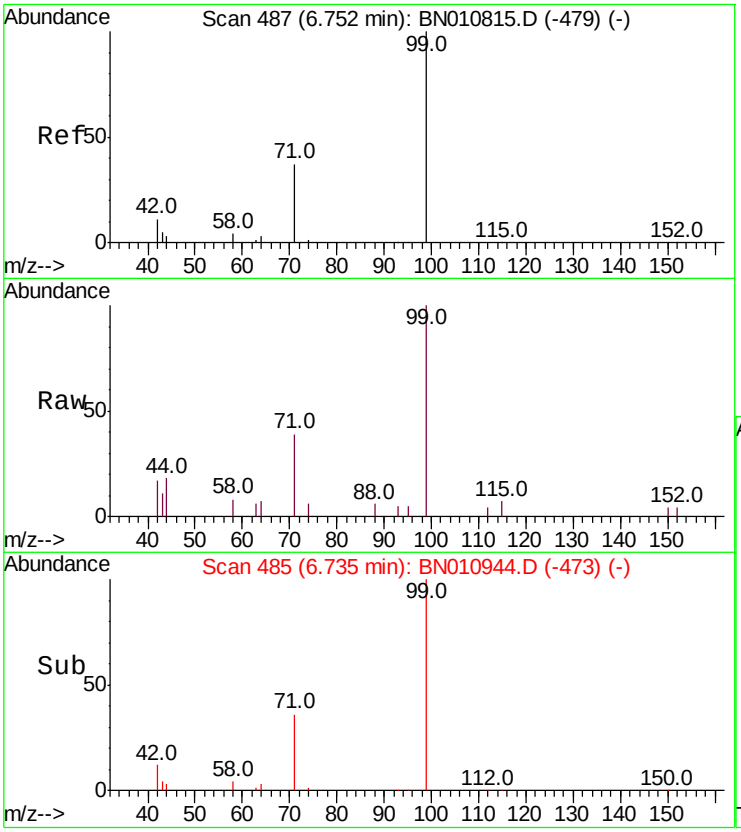


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.19 min Scan# 293
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:112 Resp: 1996

Ion	Ratio	Lower	Upper
112	100		
64	46.2	37.4	56.0
63	25.3	22.2	33.4



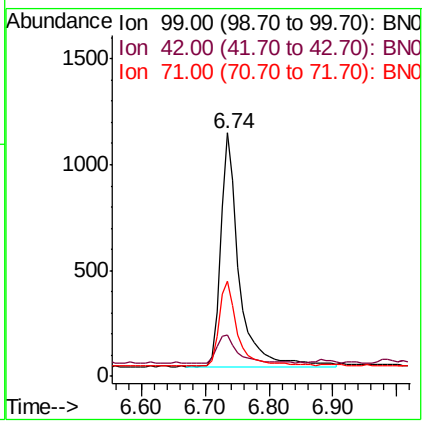


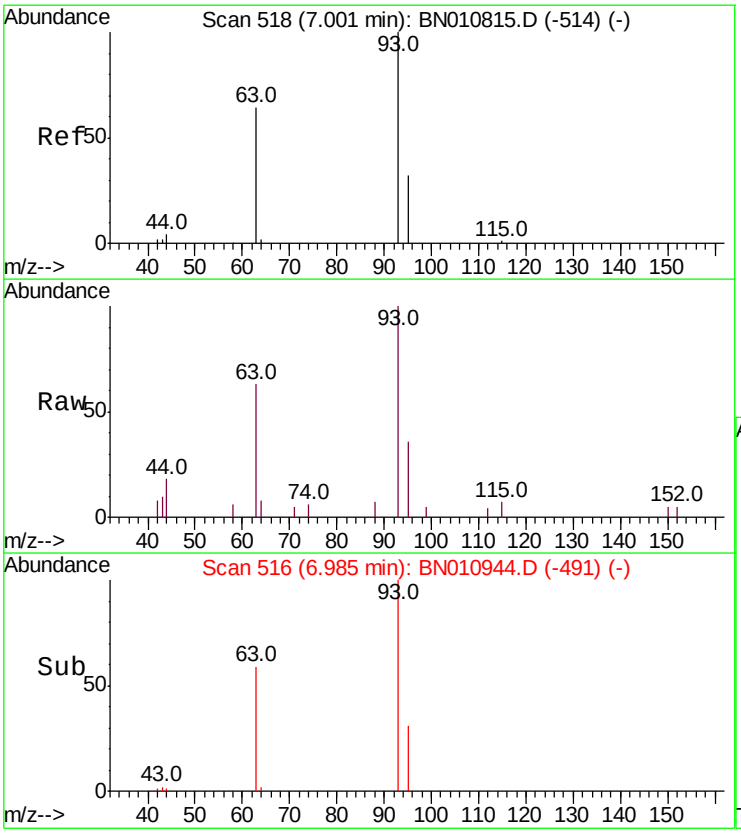
#5
Phenol-d6
Concen: 0.390 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion: 99 Resp: 2187

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.1	16.7
71	37.2	31.4	47.2

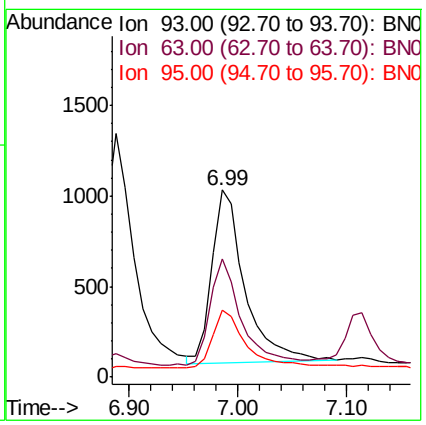


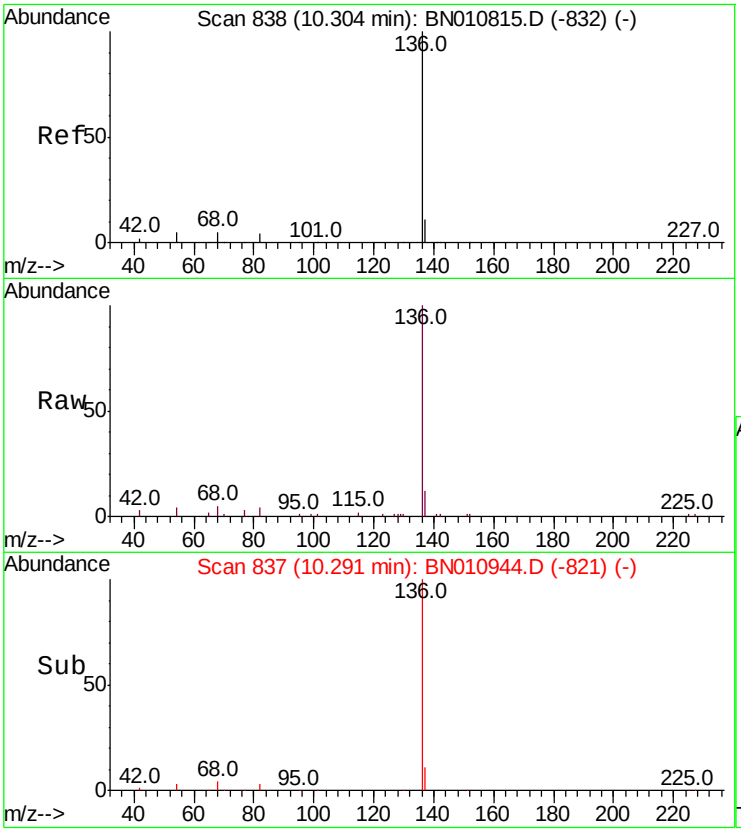


#6
bis(2-Chloroethyl)ether
Concen: 0.367 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion: 93 Resp: 2008

Ion	Ratio	Lower	Upper
93	100		
63	59.1	49.4	74.2
95	37.1	26.7	40.1



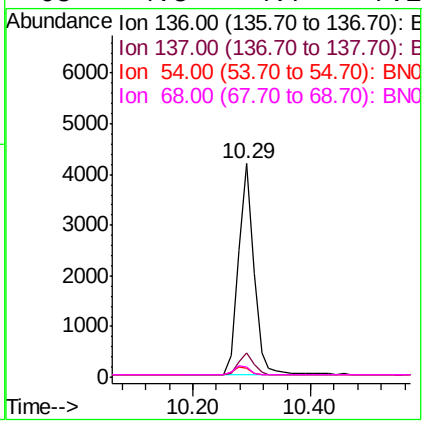


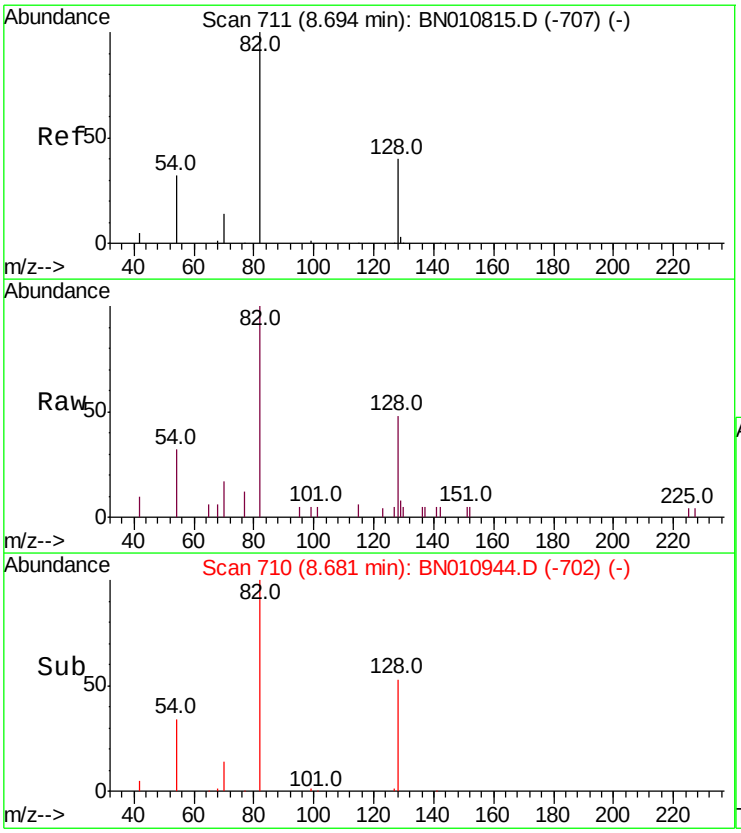
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:136 Resp: 7528

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	4.4	4.9	7.3#
68	4.8	4.7	7.1

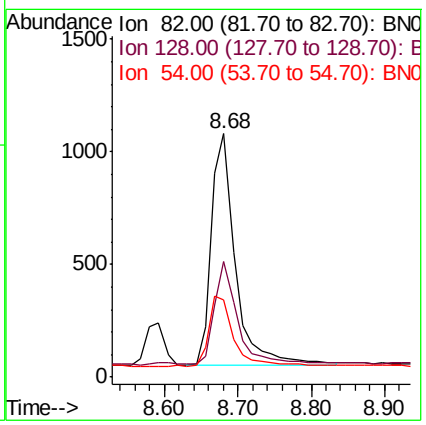


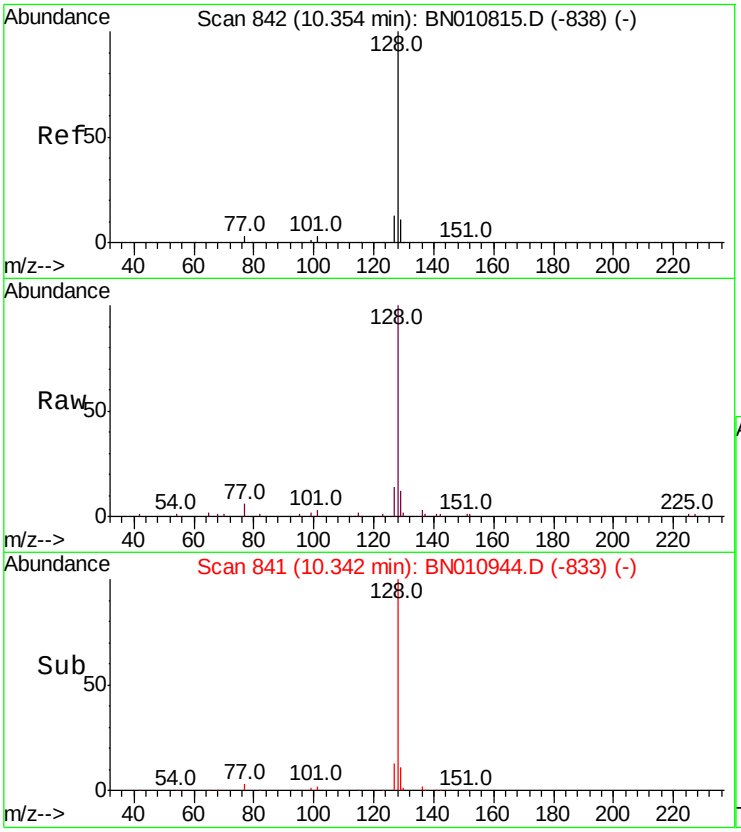


#8
Nitrobenzene-d5
Concen: 0.427 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion: 82 Resp: 2379

Ion	Ratio	Lower	Upper
82	100		
128	47.5	35.4	53.0
54	31.7	28.2	42.4



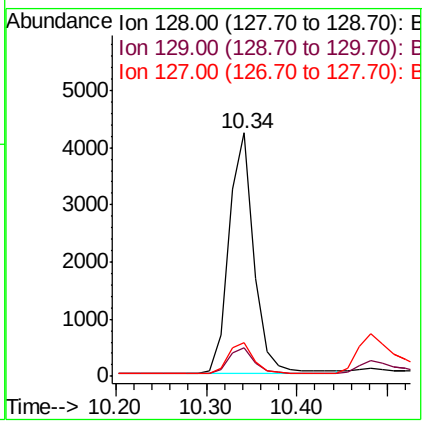


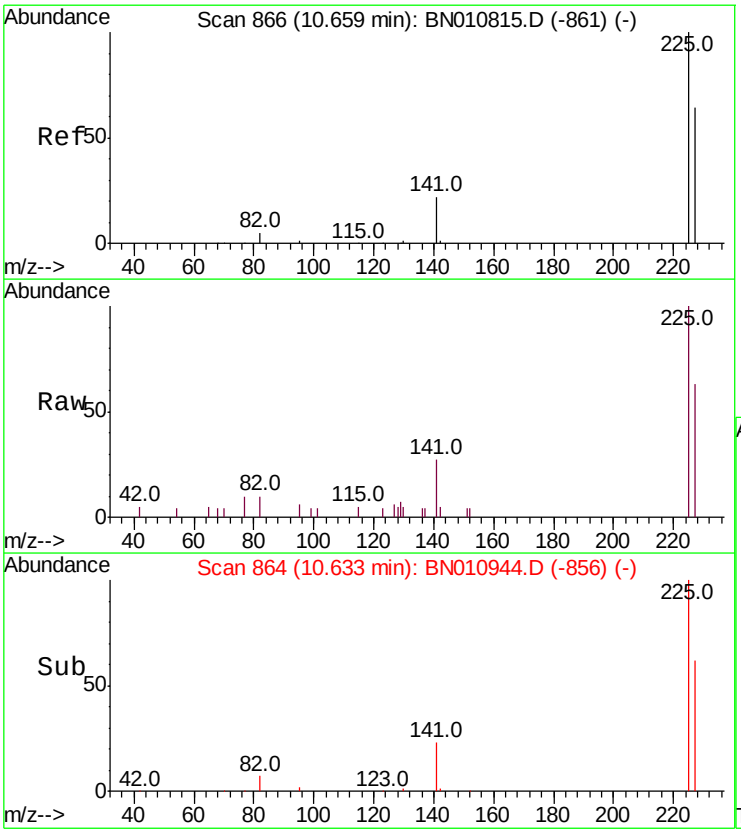
#9
Naphthalene
Concen: 0.422 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:128 Resp: 7989

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	13.7	11.4	17.2

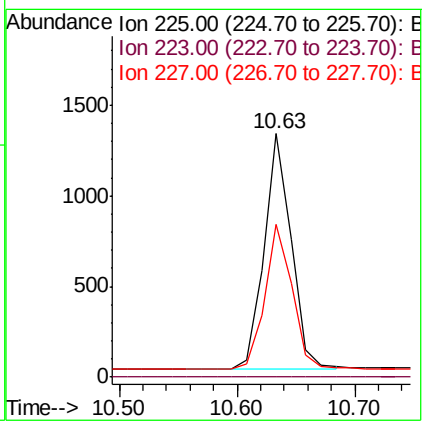


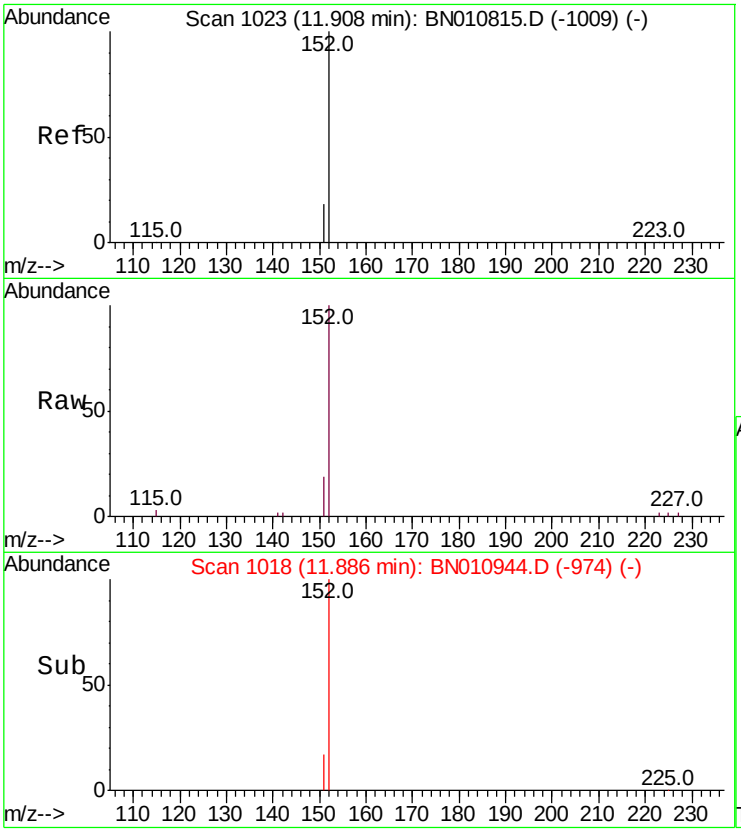


#10
Hexachlorobutadiene
Concen: 0.446 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:225 Resp: 2085

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.0	50.5	75.7



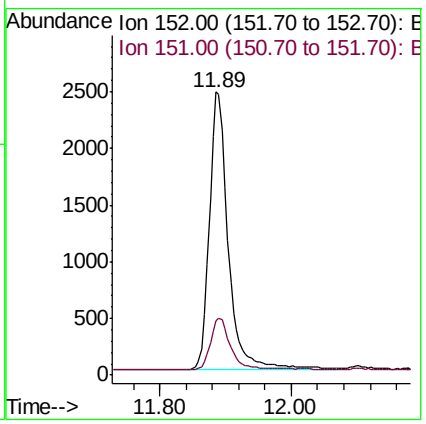


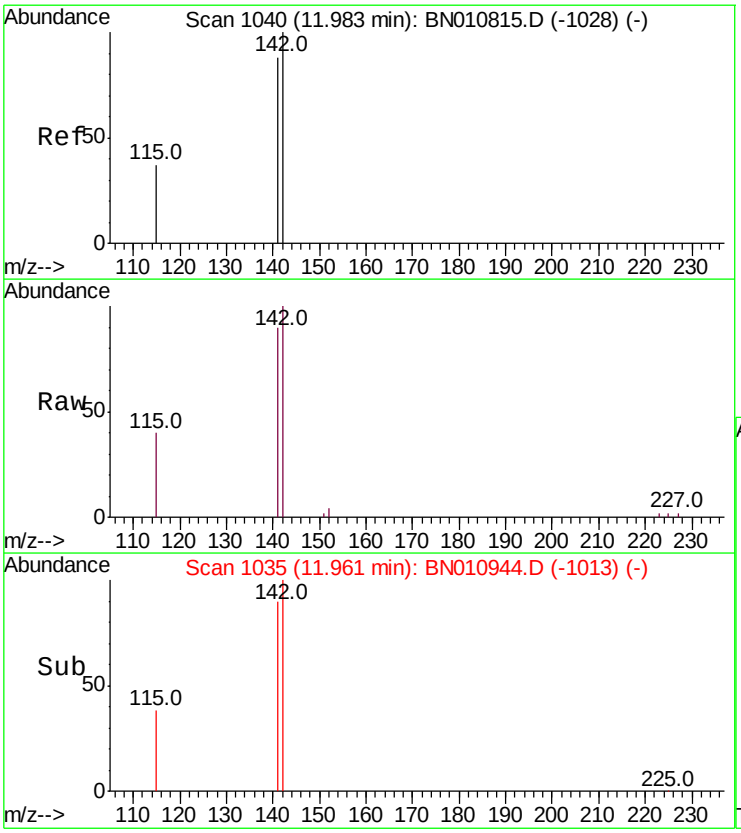
#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:152 Resp: 4899

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.3	22.9

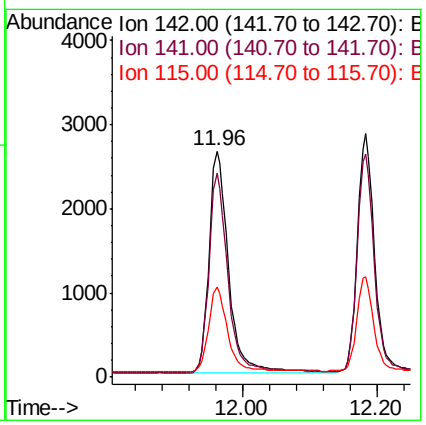


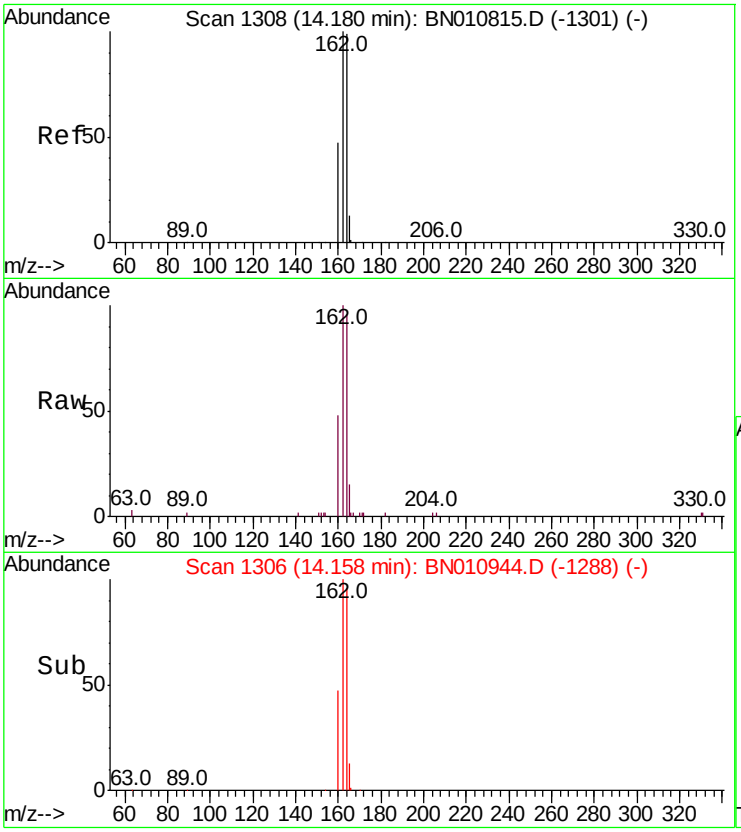


#12
2-Methylnaphthalene
Concen: 0.419 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:142 Resp: 5309

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	39.7	31.5	47.3



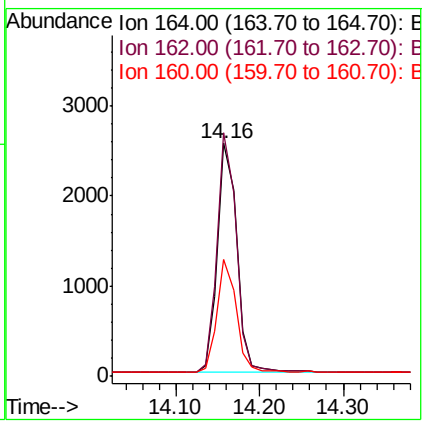


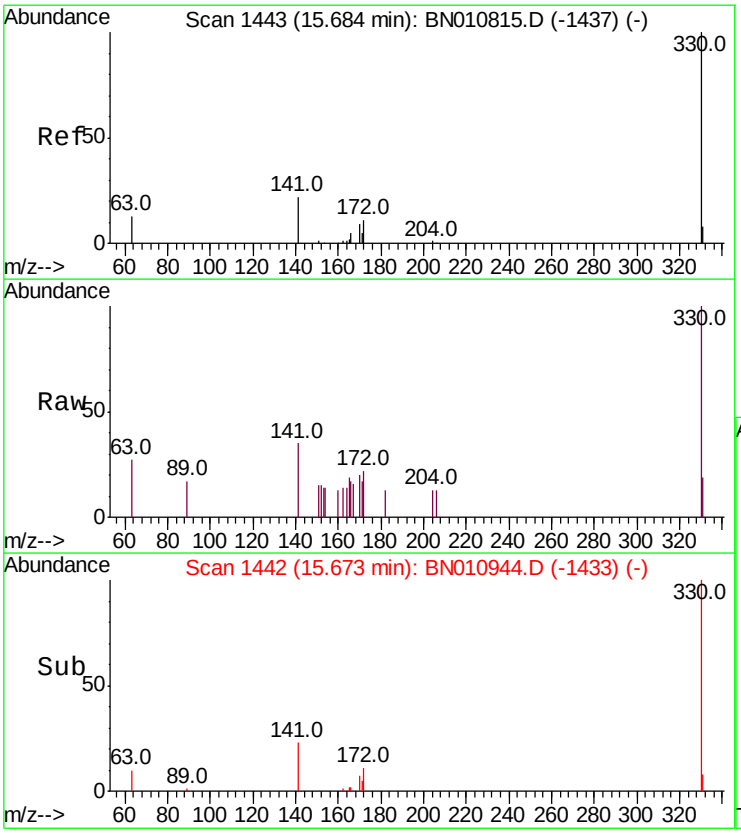
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.16 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:164 Resp: 4070

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.0	121.6
160	49.9	38.9	58.3

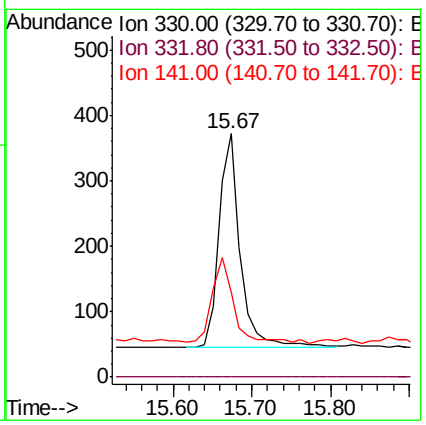


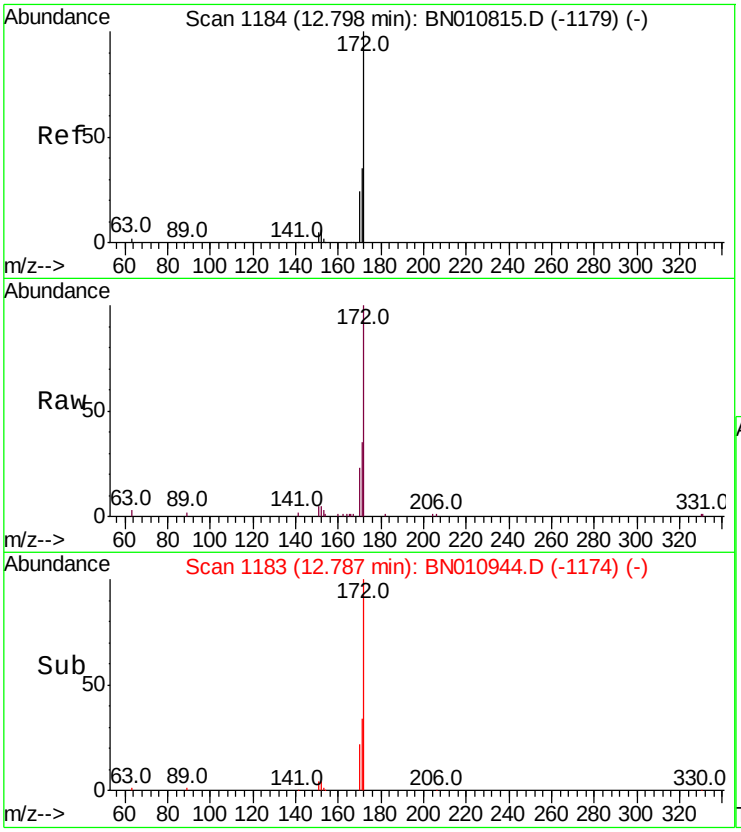


#14
2,4,6-Tribromophenol
Concen: 0.431 ng
RT: 15.67 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:330 Resp: 627

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.0	33.2	49.8



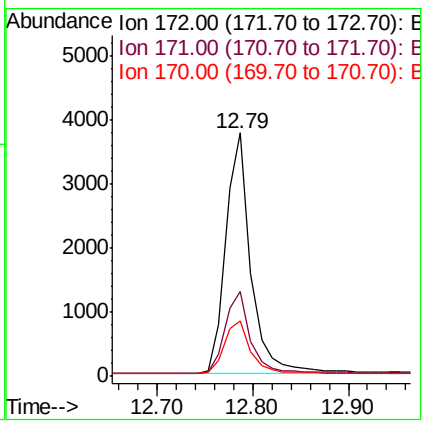


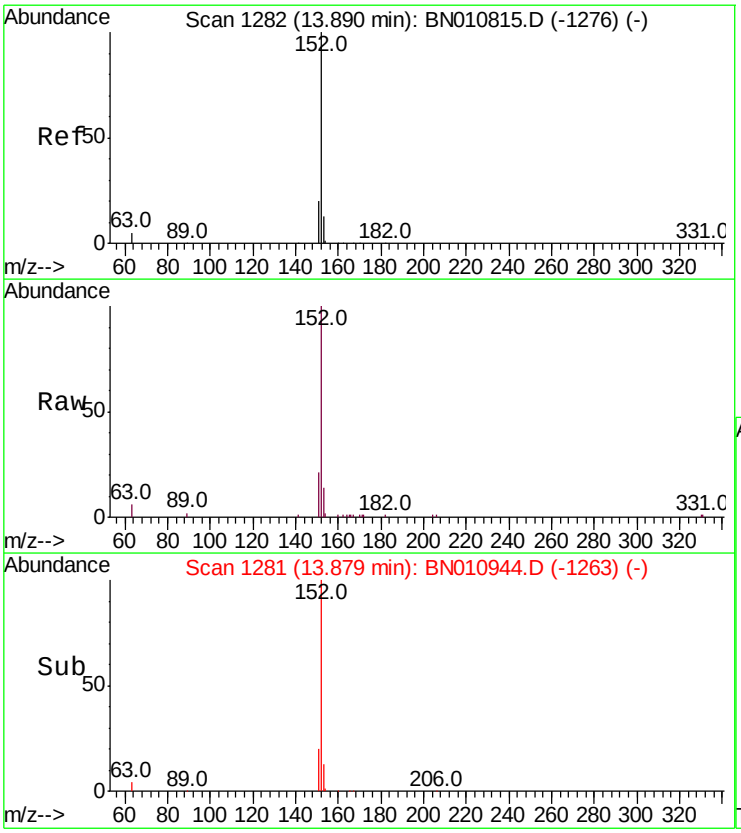
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:172 Resp: 6867

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	23.0	19.7	29.5

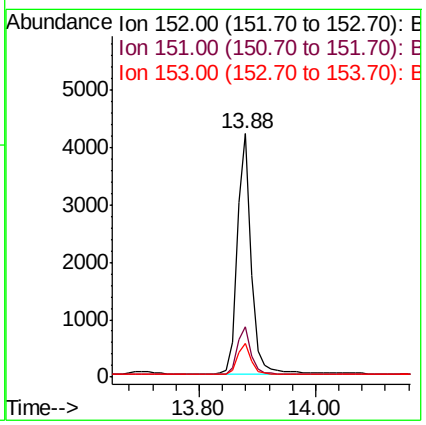


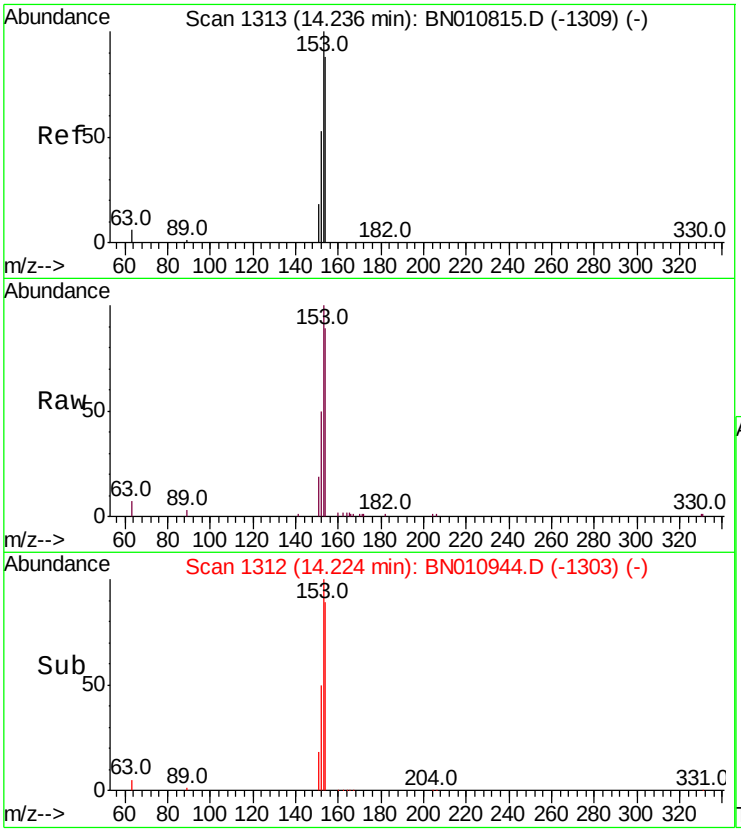


#16
Acenaphthylene
Concen: 0.420 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:152 Resp: 6999

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	12.9	10.6	16.0



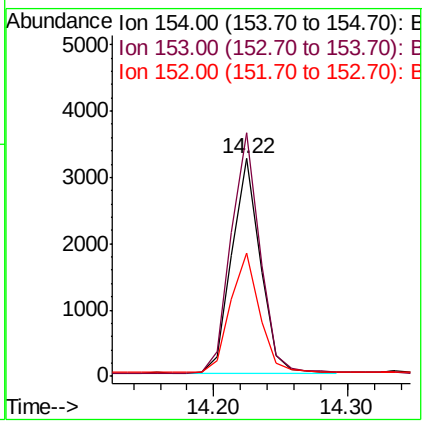


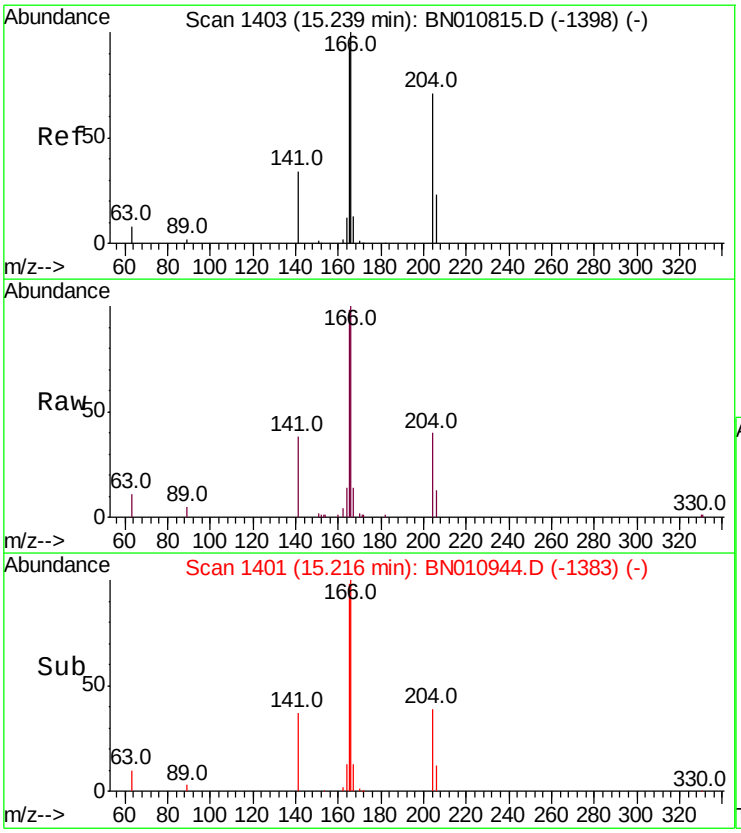
#17
Acenaphthene
Concen: 0.424 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:154 Resp: 4815

Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.8	137.6
152	57.3	47.6	71.4

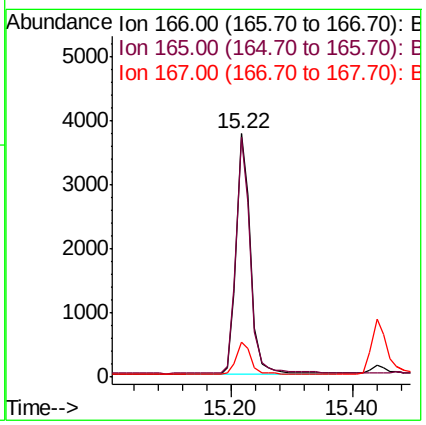


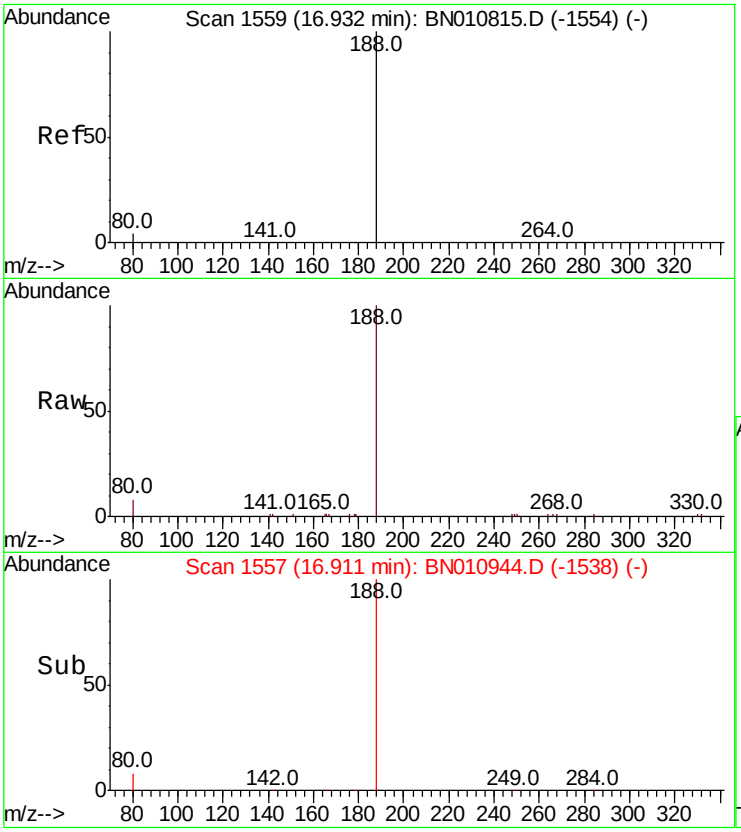


#18
Fluorene
Concen: 0.417 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:166 Resp: 6110

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.2	115.8
167	13.6	10.7	16.1



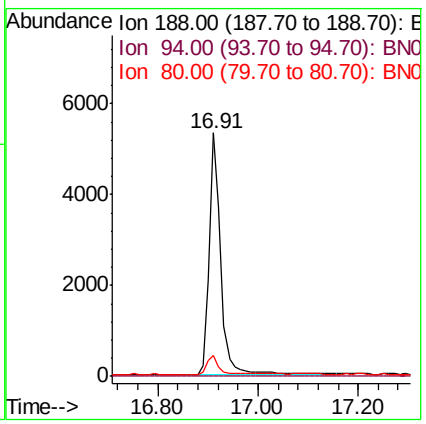


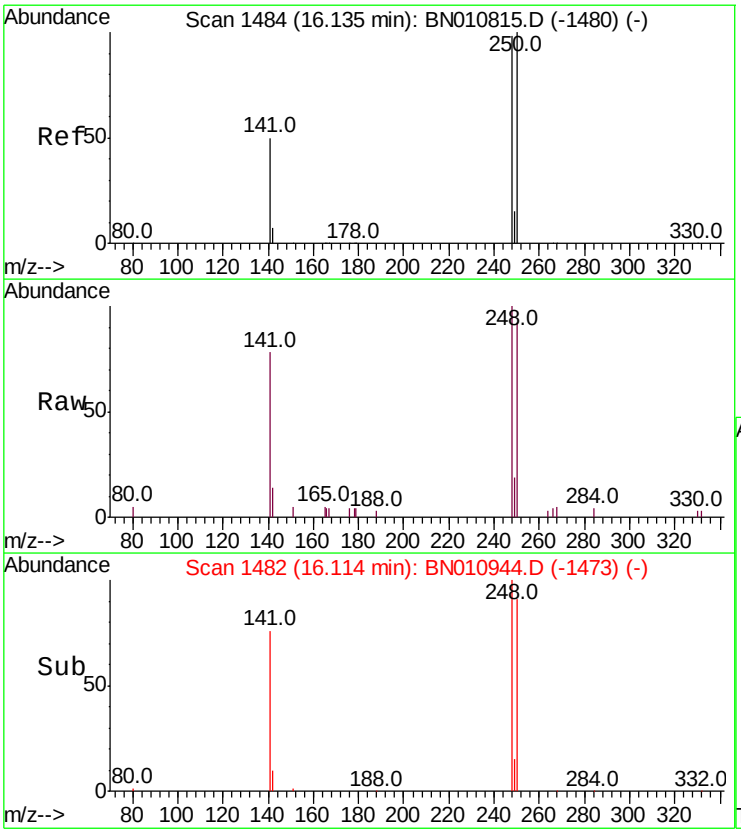
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:188 Resp: 8607

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	4.5	6.7#

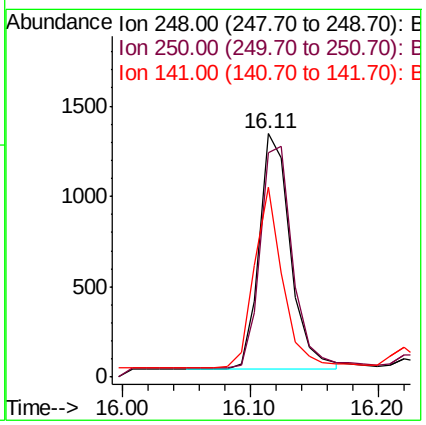


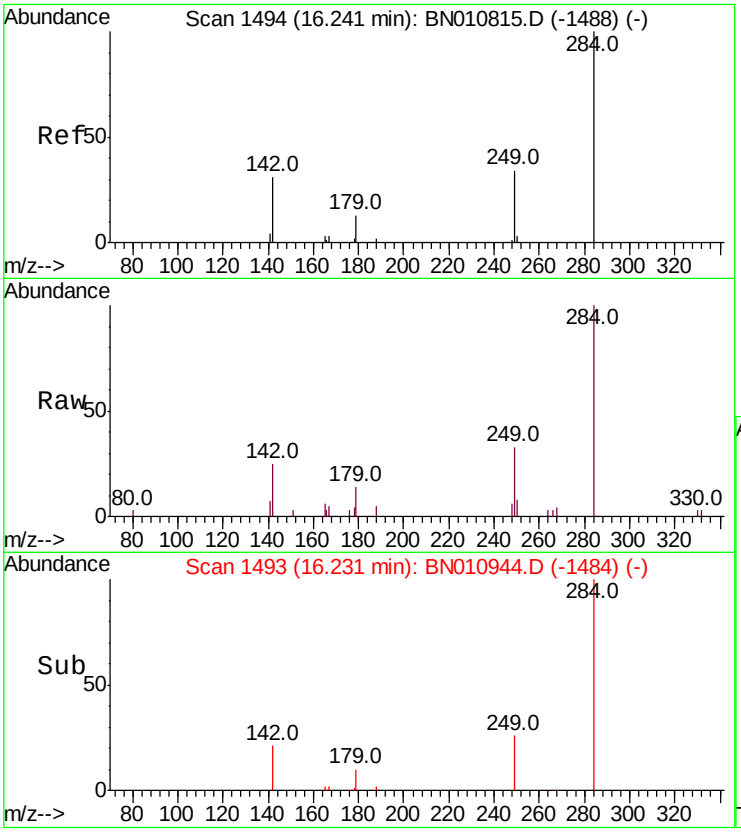


#20
4-Bromophenyl-phenylether
Concen: 0.429 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:248 Resp: 2221

Ion	Ratio	Lower	Upper
248	100		
250	92.0	81.8	122.8
141	77.8	42.6	64.0#



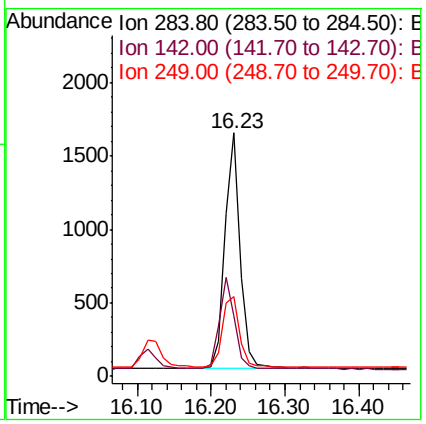


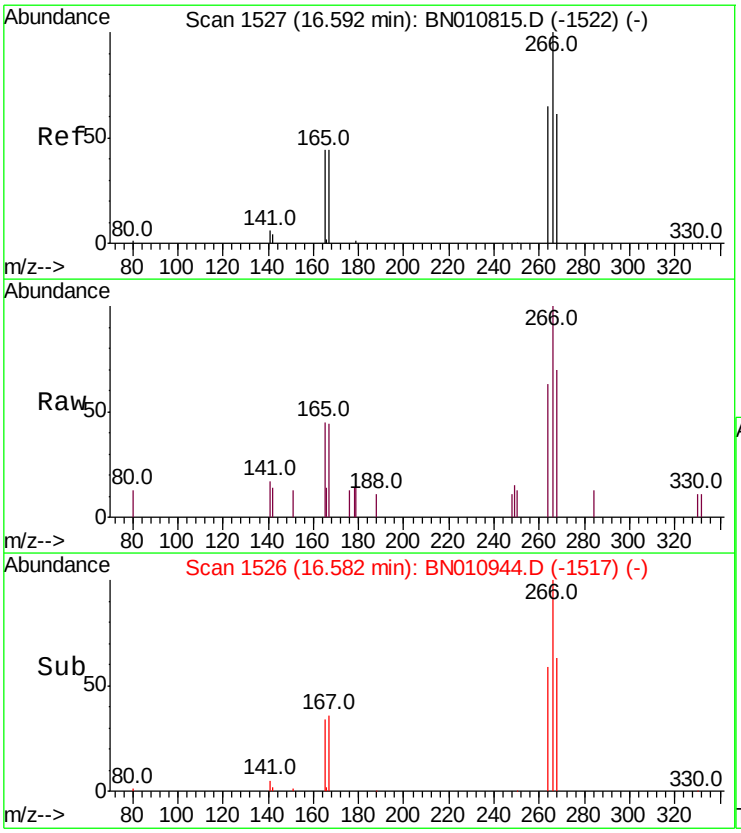
#21
Hexachlorobenzene
Concen: 0.434 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:284 Resp: 2339

Ion	Ratio	Lower	Upper
284	100		
142	40.0	31.0	46.4
249	34.0	27.1	40.7

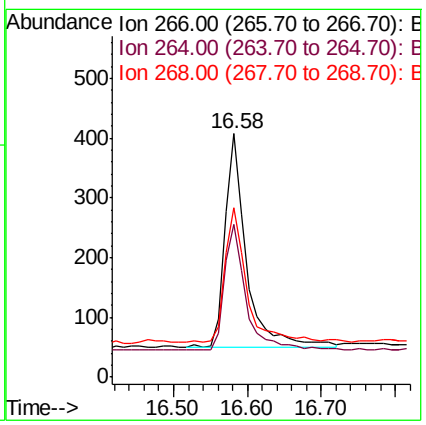


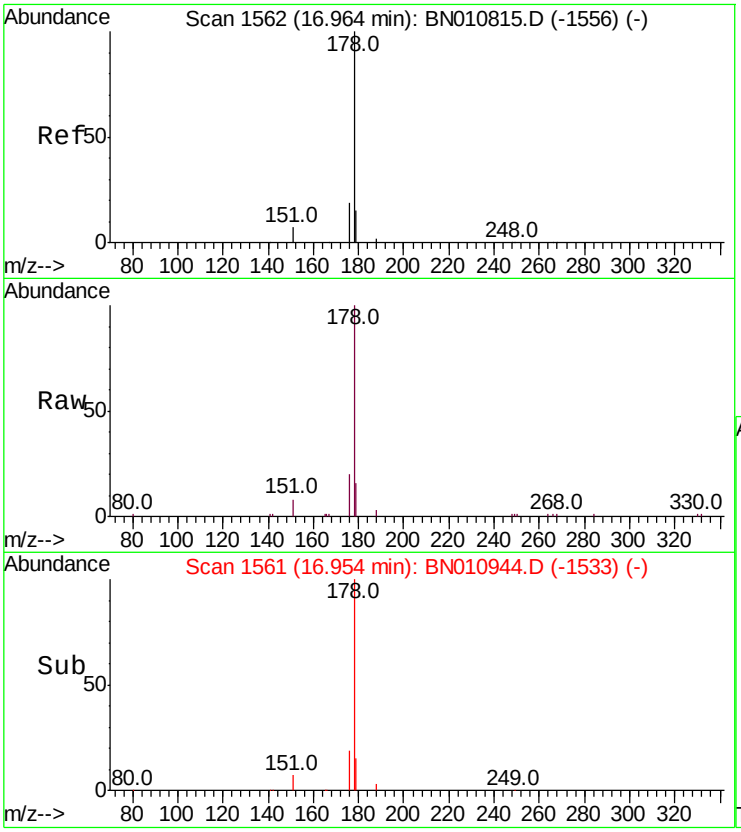


#22
Pentachlorophenol
Concen: 0.398 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:266 Resp: 721

Ion	Ratio	Lower	Upper
266	100		
264	62.7	54.8	82.2
268	69.6	55.9	83.9



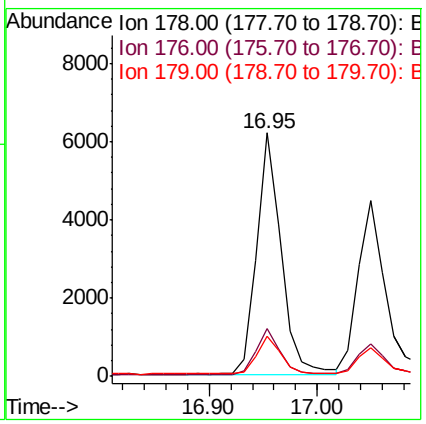


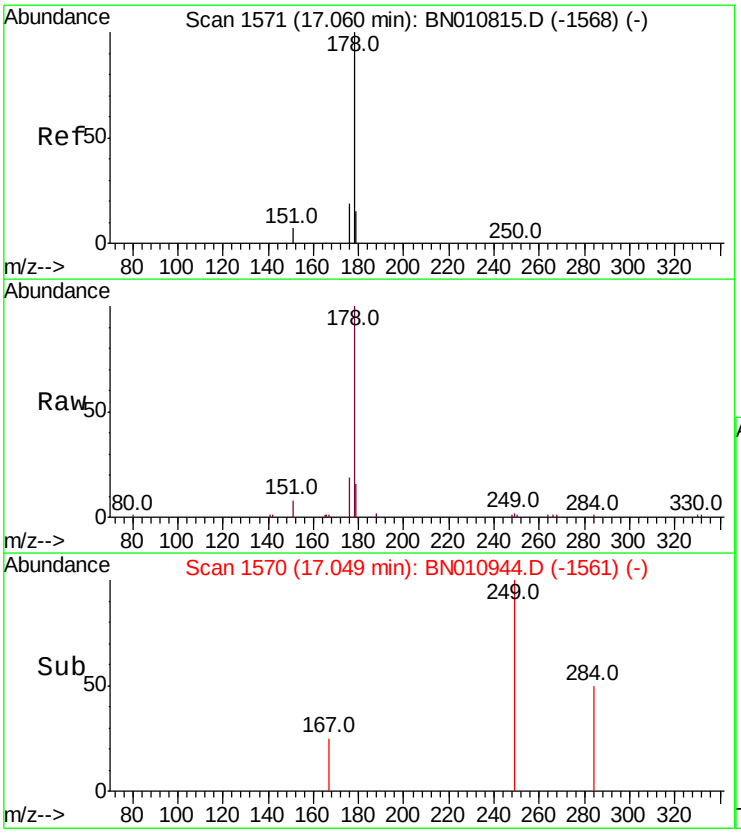
#23
Phenanthrene
Concen: 0.410 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:178 Resp: 9628

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.3	22.9
179	15.8	12.6	19.0

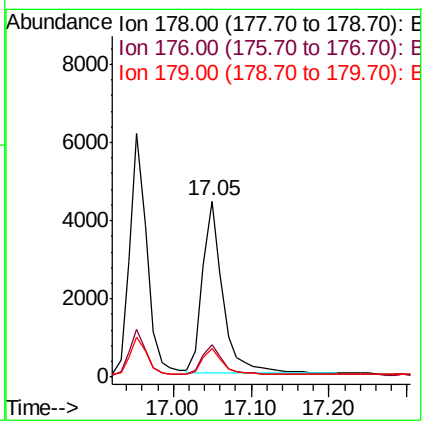


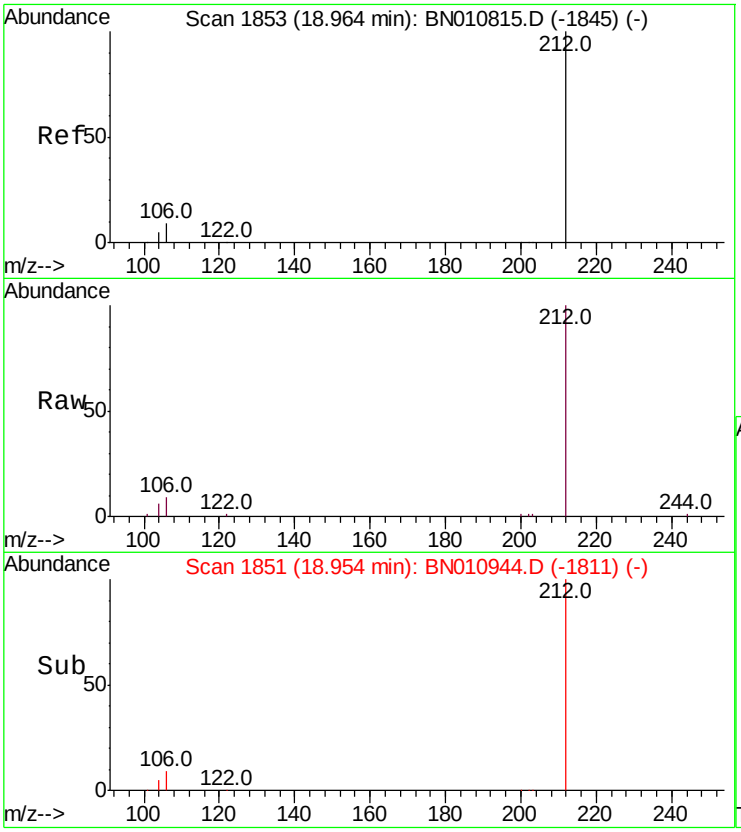


#24
Anthracene
Concen: 0.404 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:178 Resp: 7930

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.0	12.3	18.5



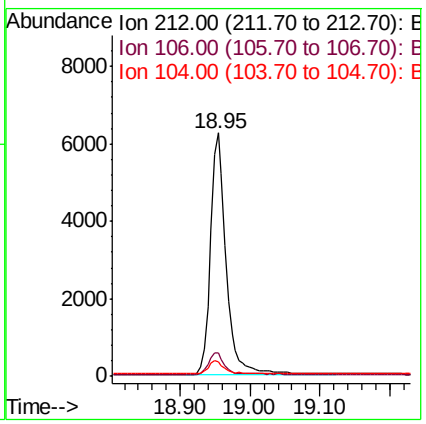


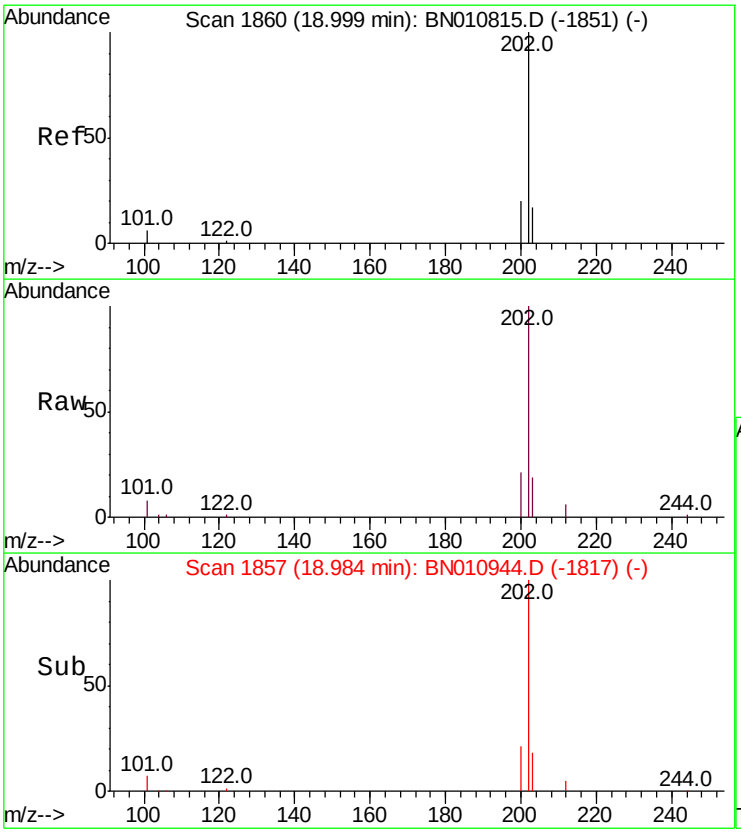
#25
Fluoranthene-d10
Concen: 0.410 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:212 Resp: 9743

Ion	Ratio	Lower	Upper
212	100		
106	8.8	6.6	10.0
104	5.5	4.0	6.0

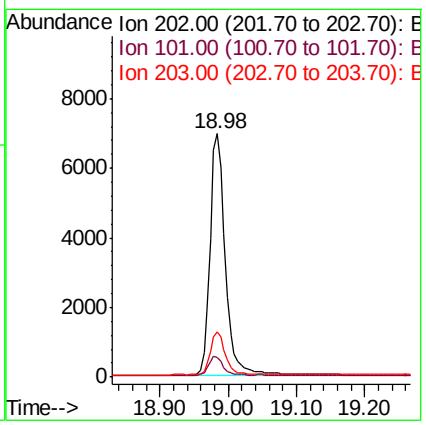


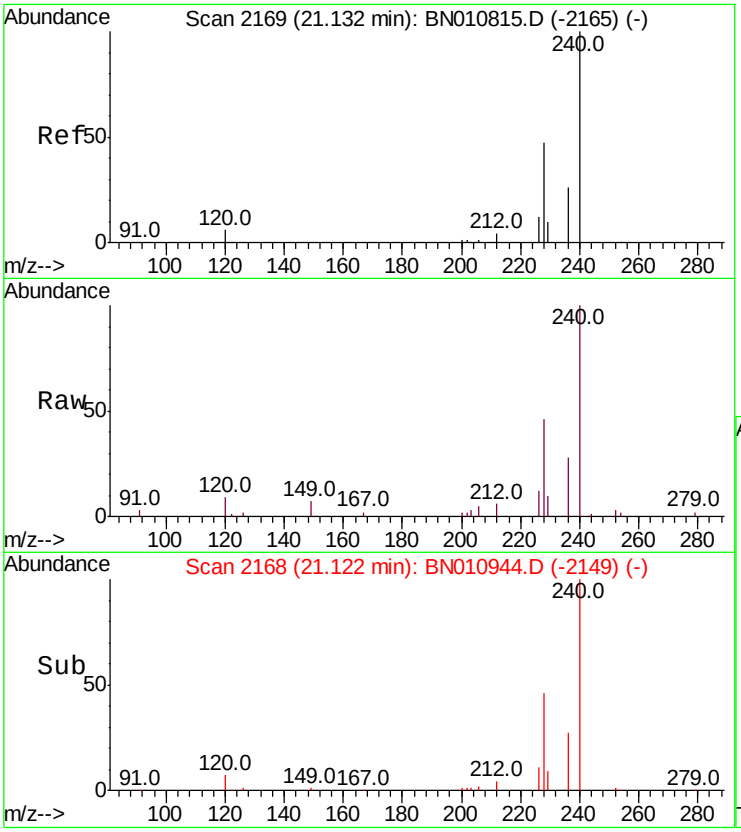


#26
Fluoranthene
Concen: 0.406 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:202 Resp: 10846

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.8	8.6
203	17.3	13.7	20.5



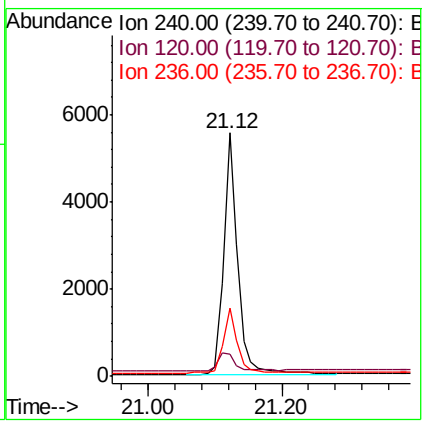


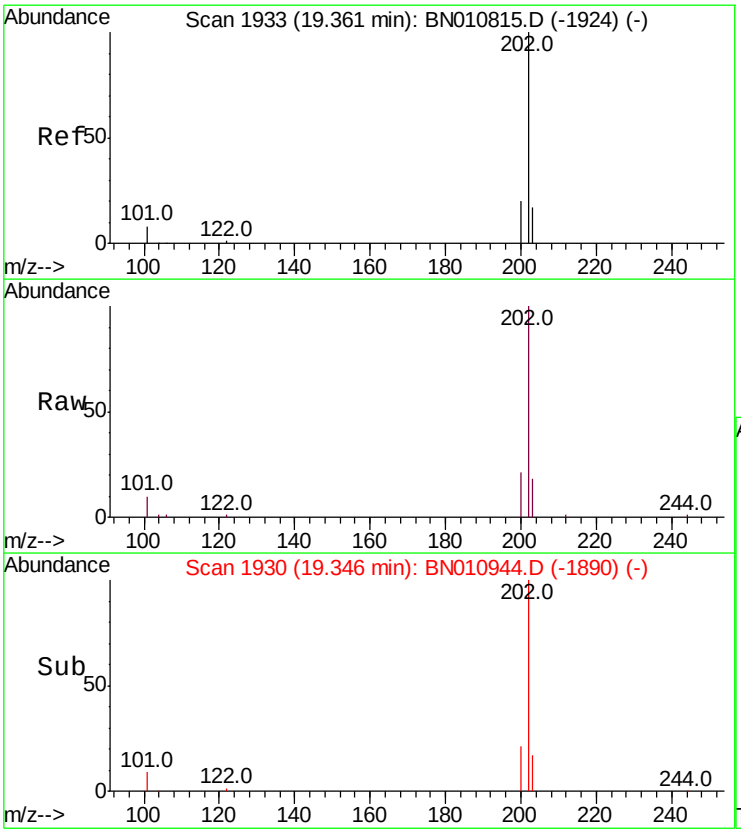
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:240 Resp: 7917

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.5	11.3
236	27.8	22.3	33.5

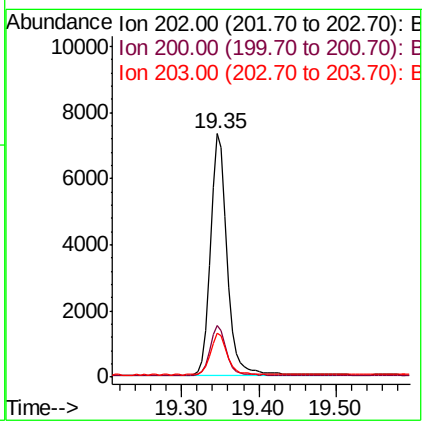


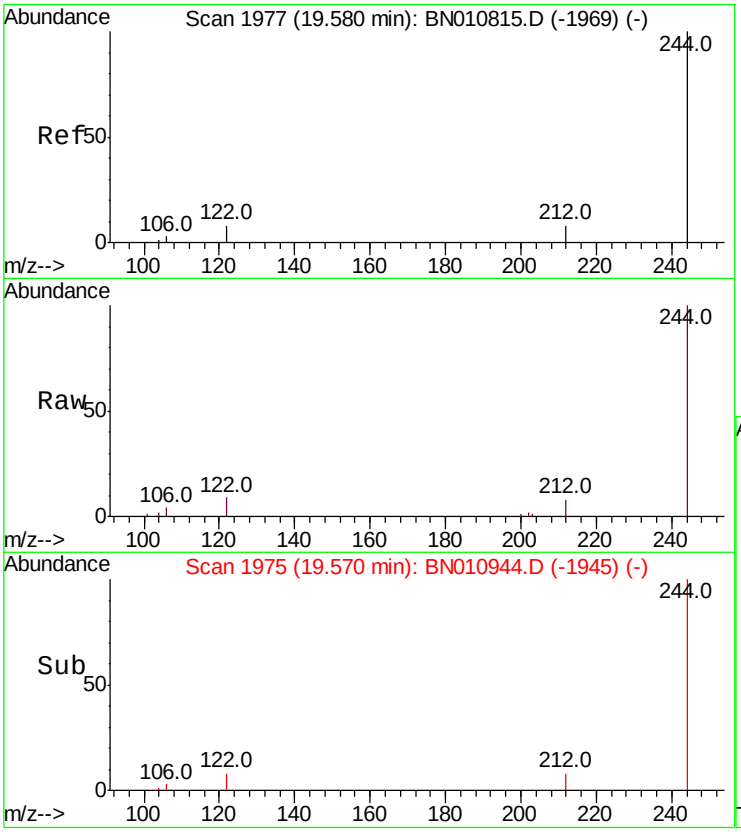


#28
Pyrene
Concen: 0.416 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:202 Resp: 10888

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.6	14.2	21.4



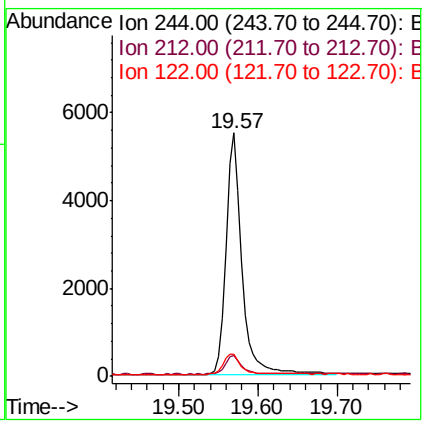


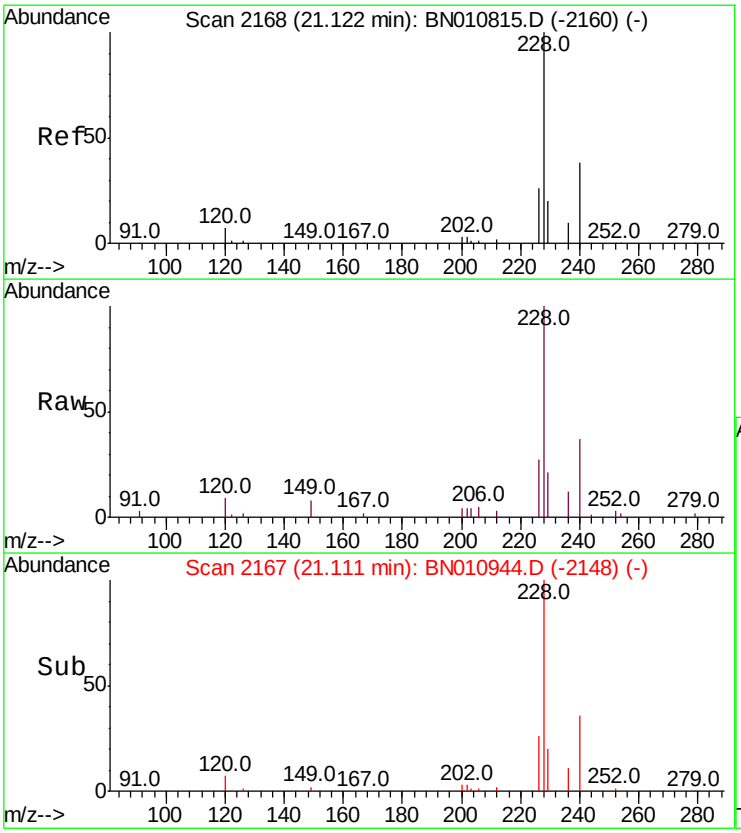
#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.57 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:244 Resp: 7784

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	9.1	7.5	11.3

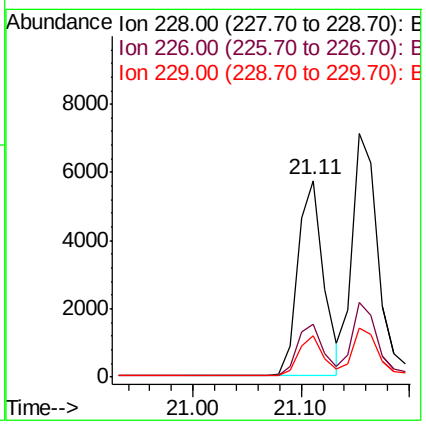


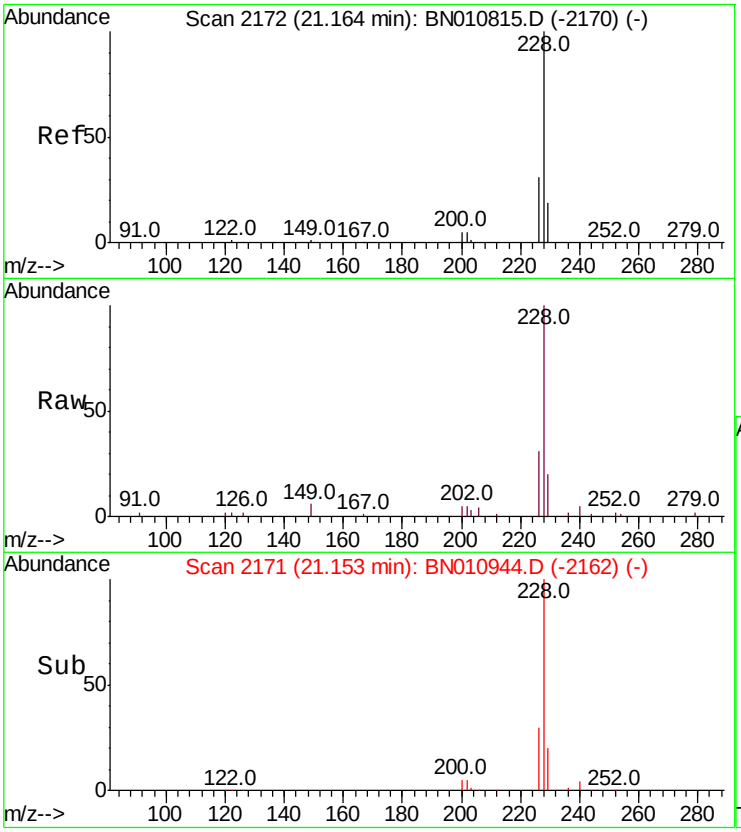


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:228 Resp: 9364

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.3	31.9
229	20.9	16.6	24.8



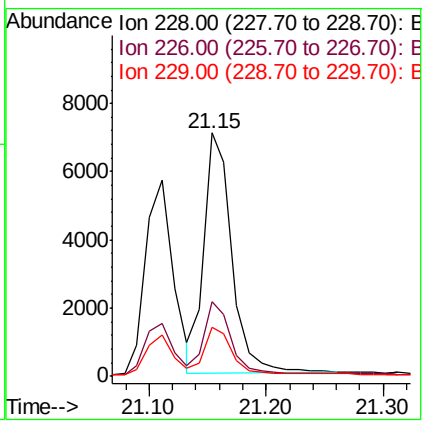


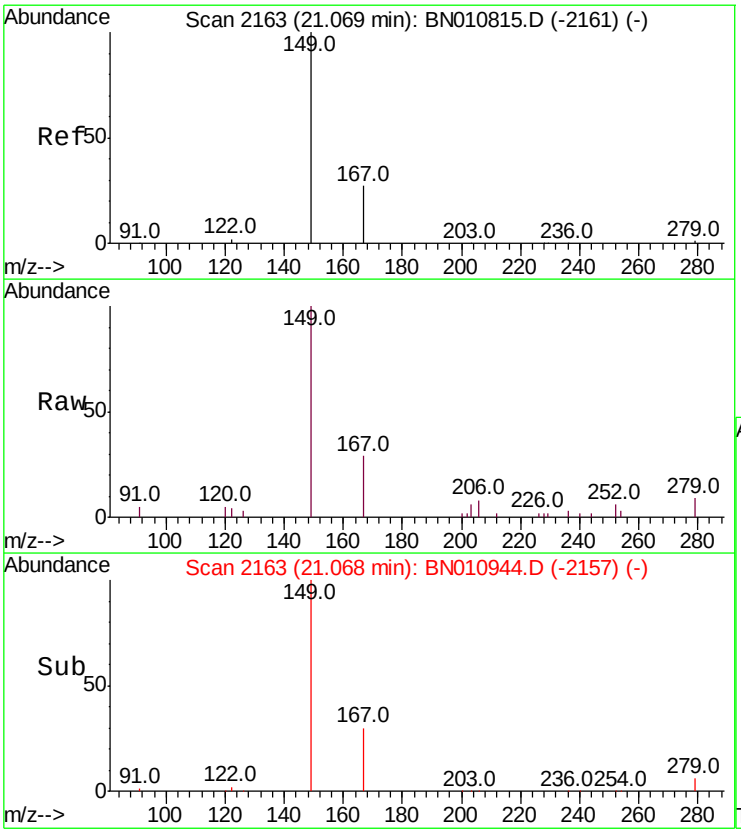
#31
Chrysene
Concen: 0.430 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:228 Resp: 11652

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.2	16.1	24.1

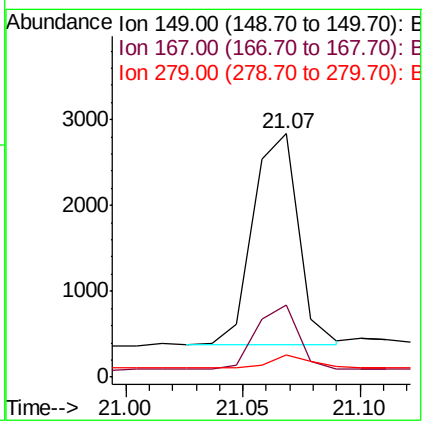


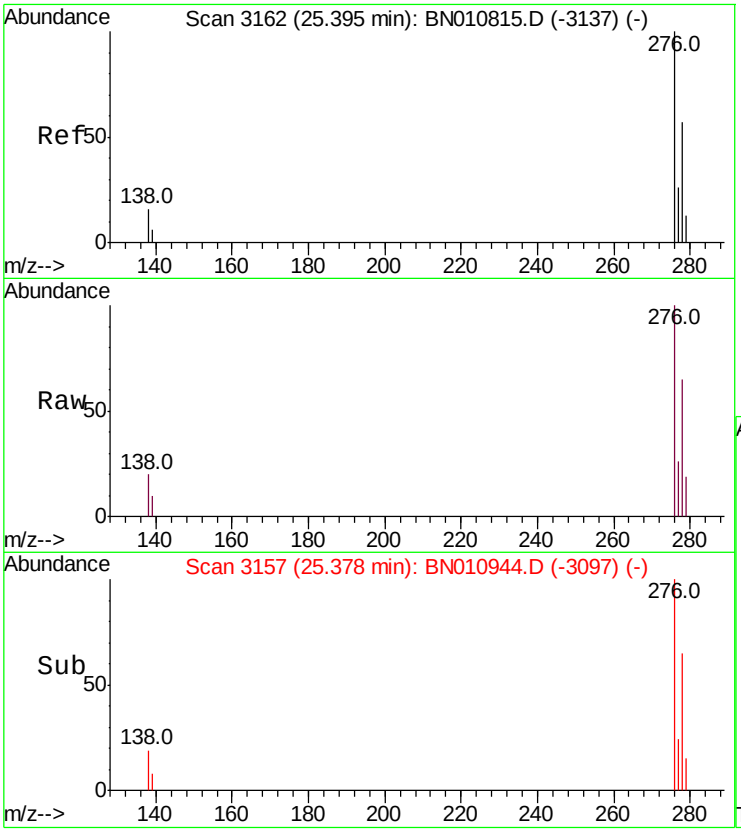


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.431 ng
RT: 21.07 min Scan# 2163
Delta R.T. 0.01 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:149 Resp: 3342

Ion	Ratio	Lower	Upper
149	100		
167	28.7	24.1	36.1
279	4.8	4.6	7.0



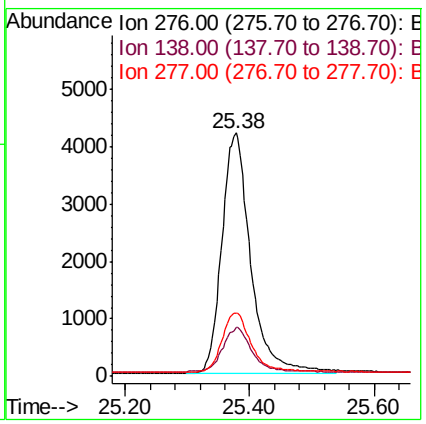


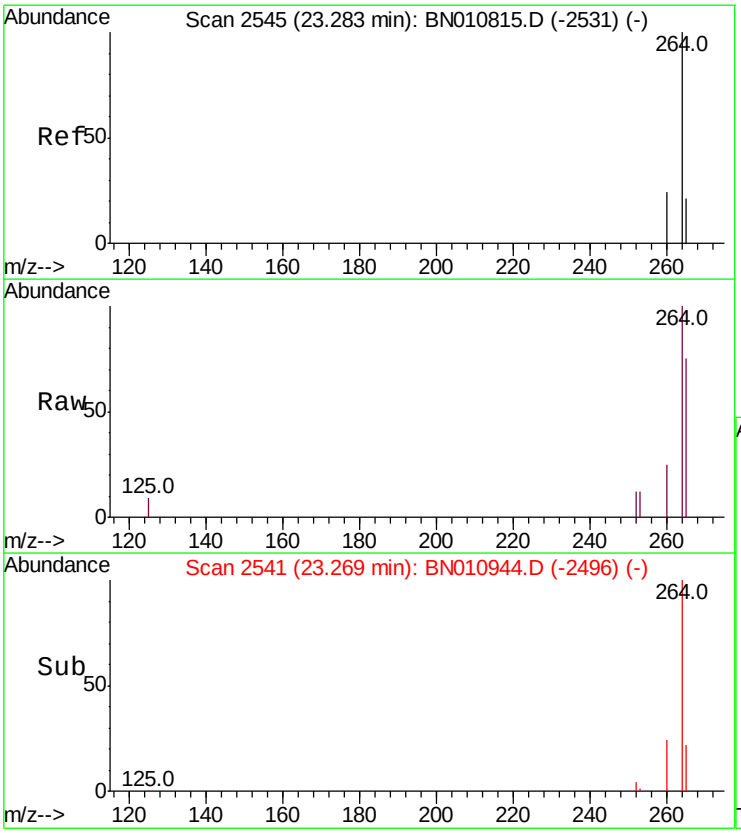
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.38 min Scan# 3157
Delta R.T. 0.01 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:276 Resp: 13531

Ion	Ratio	Lower	Upper
276	100		
138	19.3	13.0	19.6
277	25.0	19.7	29.5

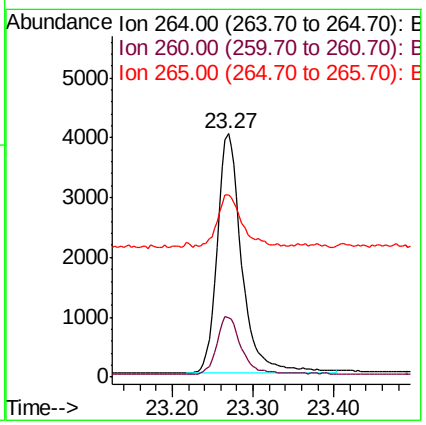


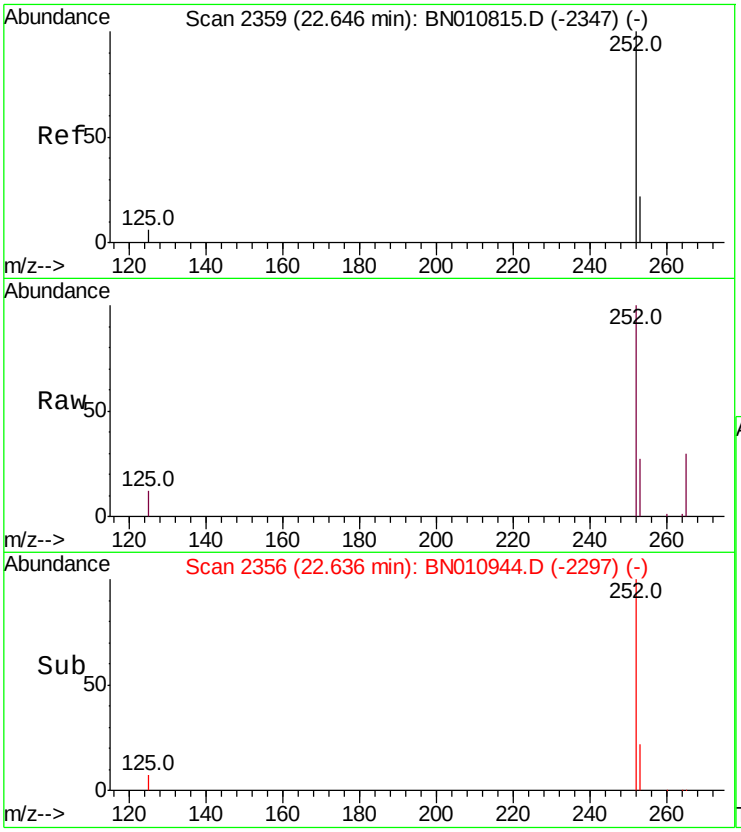


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2541
Delta R.T. 0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:264 Resp: 8396

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	74.7	75.0	112.4#



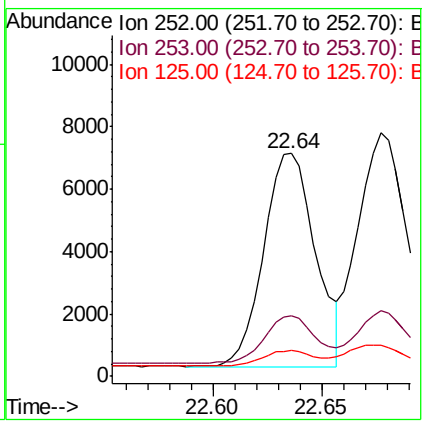


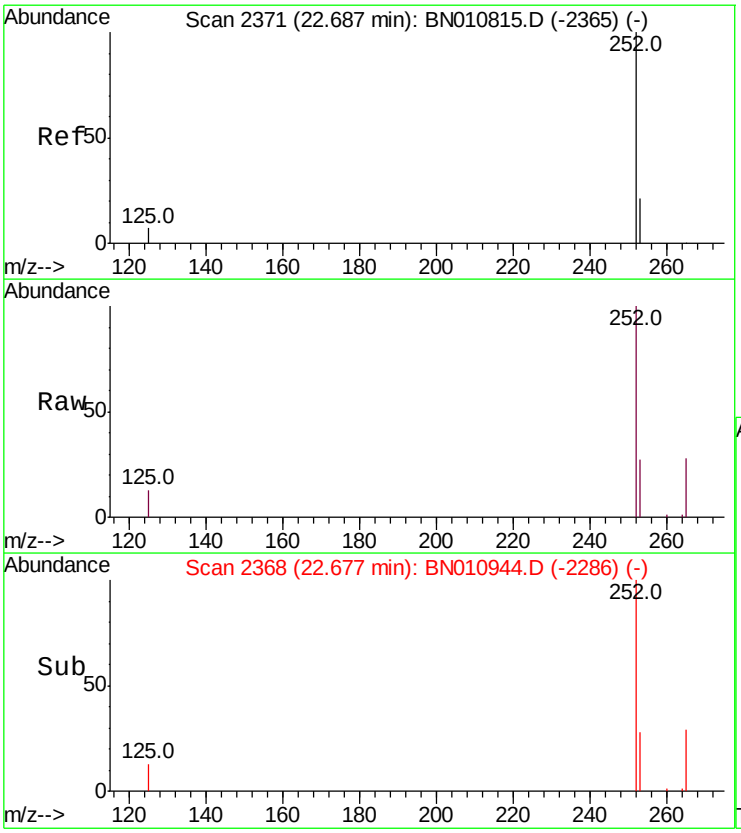
#35
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 22.64 min Scan# 2356
Delta R.T. 0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:252 Resp: 11275

Ion	Ratio	Lower	Upper
252	100		
253	27.4	22.4	33.6
125	11.6	9.4	14.0

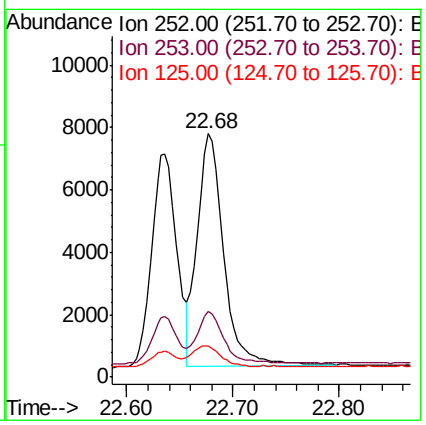


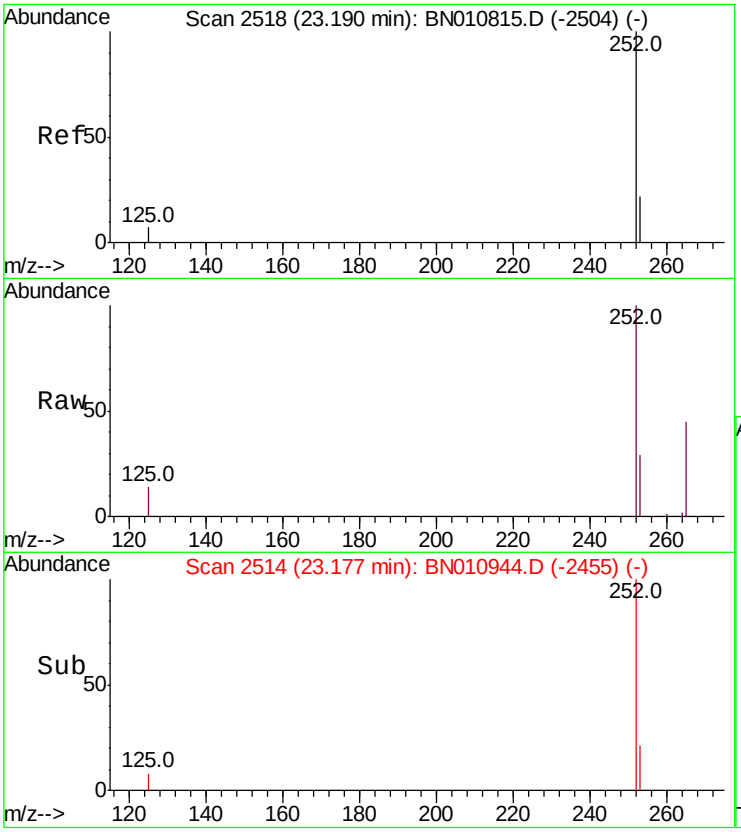


#36
Benzo(k)fluoranthene
Concen: 0.421 ng
RT: 22.68 min Scan# 2368
Delta R.T. 0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:252 Resp: 12809

Ion	Ratio	Lower	Upper
252	100		
253	26.8	22.2	33.4
125	12.5	9.8	14.8



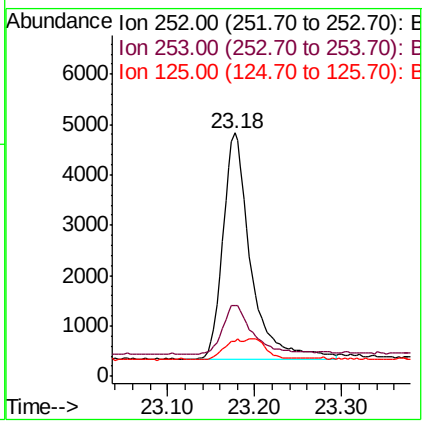


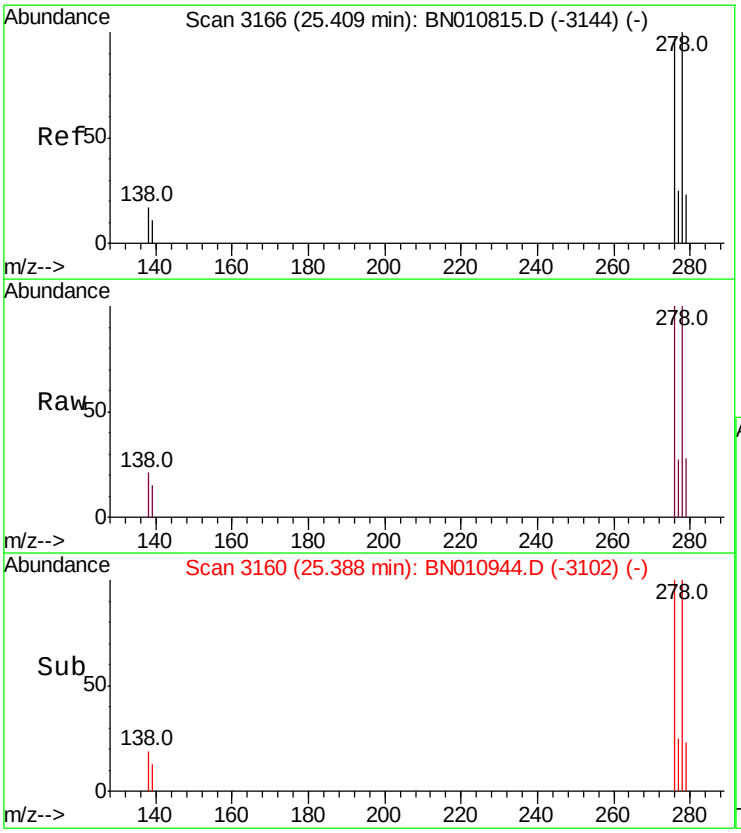
#37
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.18 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:252 Resp: 9961

Ion	Ratio	Lower	Upper
252	100		
253	29.3	25.8	38.8
125	14.5	12.4	18.6

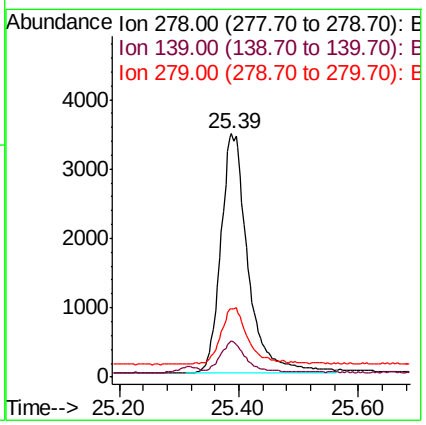


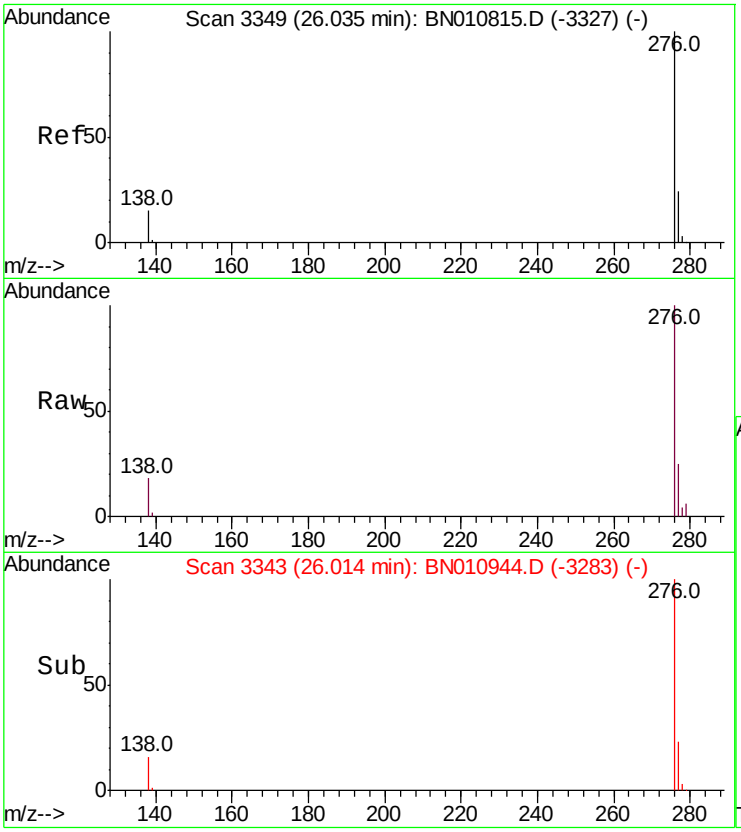


#38
Dibenzo(a,h)anthracene
Concen: 0.393 ng
RT: 25.39 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Tgt Ion:278 Resp: 10962

Ion	Ratio	Lower	Upper
278	100		
139	14.7	10.6	15.8
279	28.3	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 26.01 min Scan# 3343
Delta R.T. 0.01 min
Lab File: BN010944.D
Acq: 17 Jun 2020 17:11

Instrument :
BNA_N
ClientSampleId :
PB129592BS

Tgt Ion:276 Resp: 11414

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.5	30.7
138	17.8	13.7	20.5