Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010911.D
Acq On : 16 Jun 2020 17:41
Operator : CG/JU
Sample : L2988-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE108D2-20200608MSD

Quant Time: Jun 16 18:11:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	2435	0.40	ng		0.00
7) Naphthalene-d8	10.29	136	9664	0.40	ng		-0.01
13) Acenaphthene-d10	14.17	164	4762	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	9755	0.40	ng		-0.01
27) Chrysene-d12	21.12	240	9968	0.40	ng		-0.01
34) Perylene-d12	23.27	264	10574	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	688	0.15	ng		0.00
5) Phenol-d6	6.74	99	496	0.09	ng		0.00
8) Nitrobenzene-d5	8.68	82	2270	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.89	152	4826	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	565	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.79	172	6513	0.35	ng		0.00
25) Fluoranthene-d10	18.95	212	11552	0.43	ng		0.00
29) Terphenyl-d14	19.56	244	10648	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	8870	3.719	ng		98
3) n-Nitrosodimethylamine	3.53	42	614	0.443	ng	#	96
6) bis(2-Chloroethyl)ether	6.99	93	2804	0.519	ng		95
9) Naphthalene	10.34	128	8556	0.352	ng		99
10) Hexachlorobutadiene	10.63	225	1847	0.308	ng	#	99
12) 2-Methylnaphthalene	11.96	142	5370	0.330	ng		99
16) Acenaphthylene	13.88	152	7056	0.362	ng		100
17) Acenaphthene	14.22	154	4607	0.346	ng		99
18) Fluorene	15.22	166	5931	0.346	ng		100
20) 4-Bromophenyl-phenylether	16.11	248	1820	0.310	ng	#	83
21) Hexachlorobenzene	16.23	284	2057	0.336	ng		98
22) Pentachlorophenol	16.58	266	2325	1.133	ng		93
23) Phenanthrene	16.95	178	9629	0.361	ng		99
24) Anthracene	17.05	178	8016	0.360	ng		99
26) Fluoranthene	18.98	202	11842	0.392	ng	#	98
28) Pyrene	19.35	202	12234	0.371	ng		99
30) Benzo(a)anthracene	21.11	228	10928	0.373	ng		100
31) Chrysene	21.15	228	11713	0.343	ng		99
32) Bis(2-ethylhexyl)phthalate	21.07	149	5735	0.587	ng		97
33) Indeno(1,2,3-cd)pyrene	25.37	276	14002	0.367	ng	#	95
35) Benzo(b)fluoranthene	22.63	252	11854	0.330	ng	#	98
36) Benzo(k)fluoranthene	22.63	252	11854	0.309	ng		98
37) Benzo(a)pyrene	23.18	252	10317	0.335	ng		97
38) Dibenzo(a,h)anthracene	25.39	278	11627	0.331	ng		97
39) Benzo(g,h,i)perylene	26.01	276	12136	0.330	ng		97

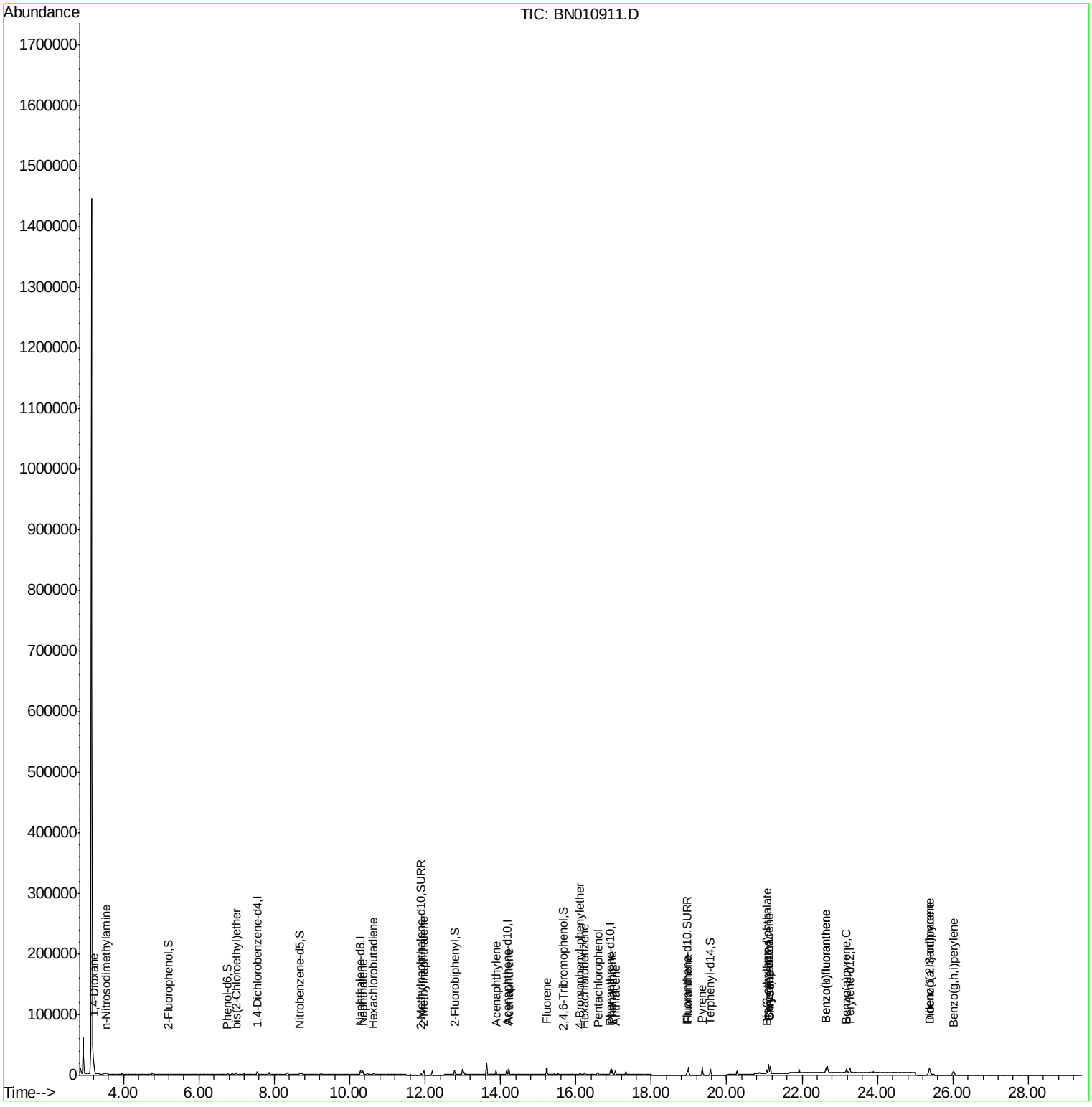
(#) = qualifier out of range (m) = manual integration (+) = signals summed

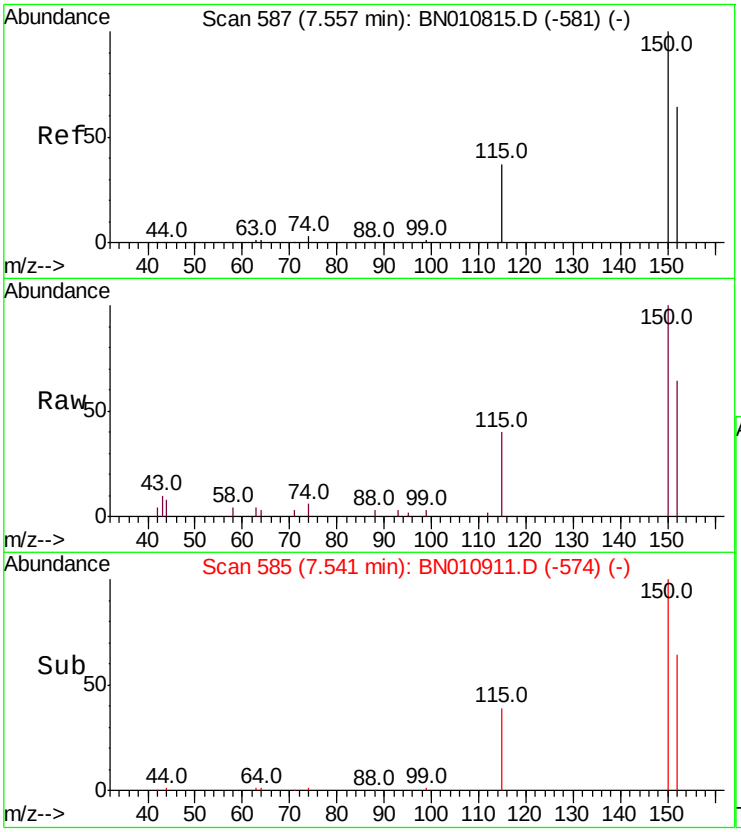
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN061620\
Data File : BN010911.D
Acq On : 16 Jun 2020 17:41
Operator : CG/JU
Sample : L2988-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Quant Time: Jun 16 18:11:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 08:49:35 2020
Response via : Initial Calibration



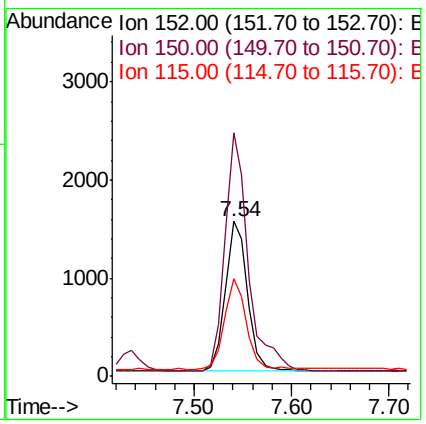


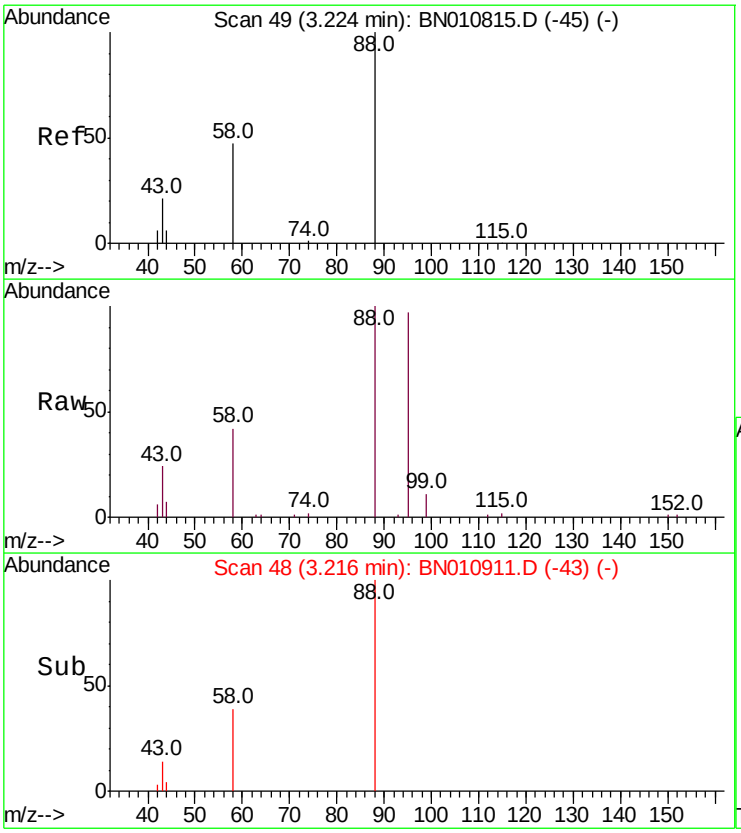
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.54 min Scan# 585
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:152 Resp: 2435

Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	63.4	49.2	73.8

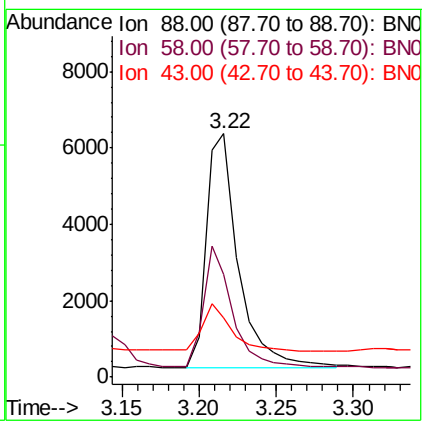


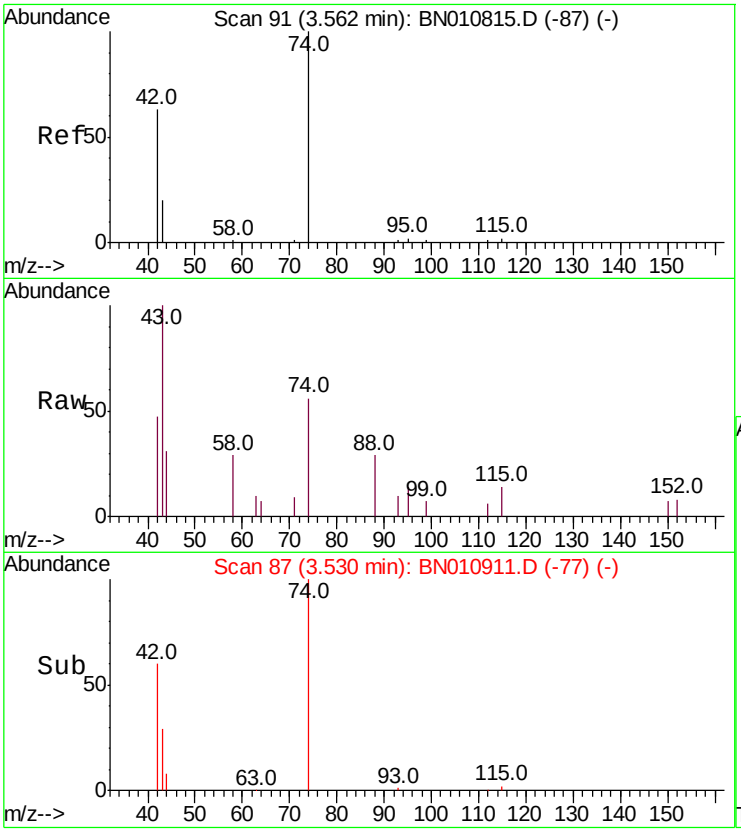


#2
1,4-Dioxane
Concen: 3.719 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion: 88 Resp: 8870

Ion	Ratio	Lower	Upper
88	100		
58	45.9	38.2	57.4
43	19.1	15.1	22.7

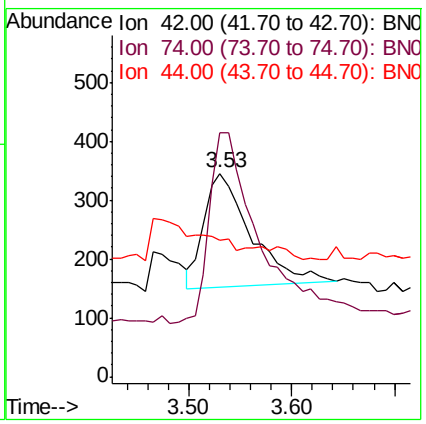




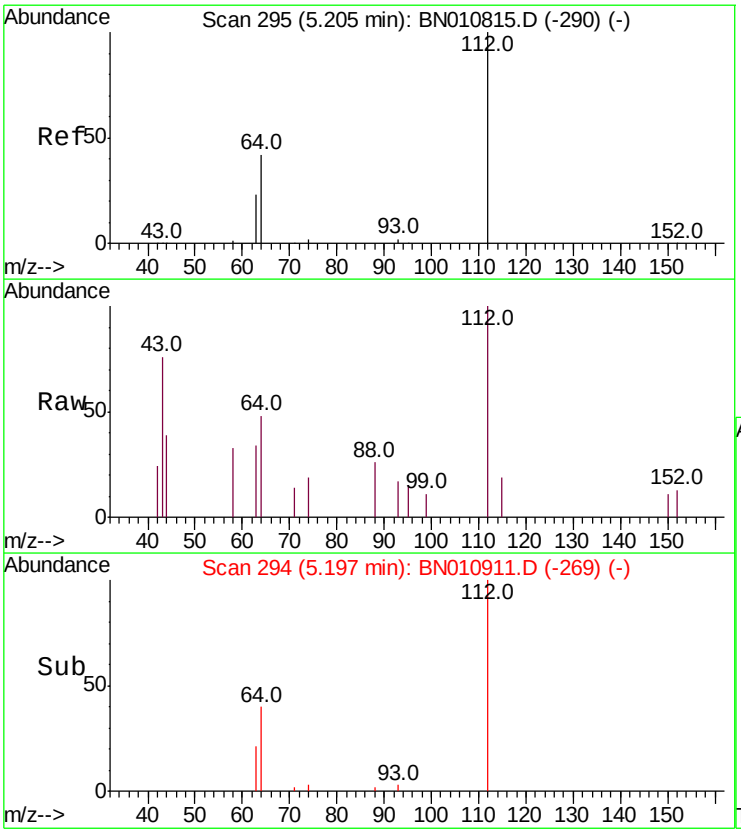
#3
n-Nitrosodimethylamine
Concen: 0.443 ng
RT: 3.53 min Scan# 87
Delta R.T. -0.02 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion: 42 Resp: 614

Ion	Ratio	Lower	Upper
42	100		
74	181.8	140.7	211.1
44	0.0	1.4	2.2#



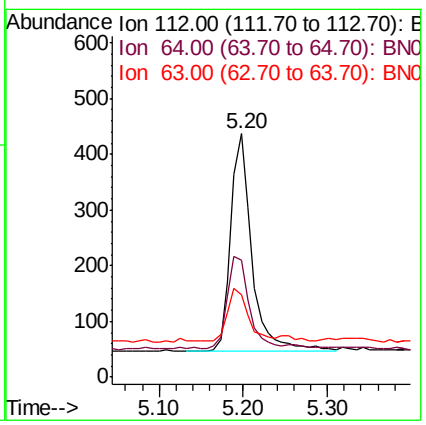
Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

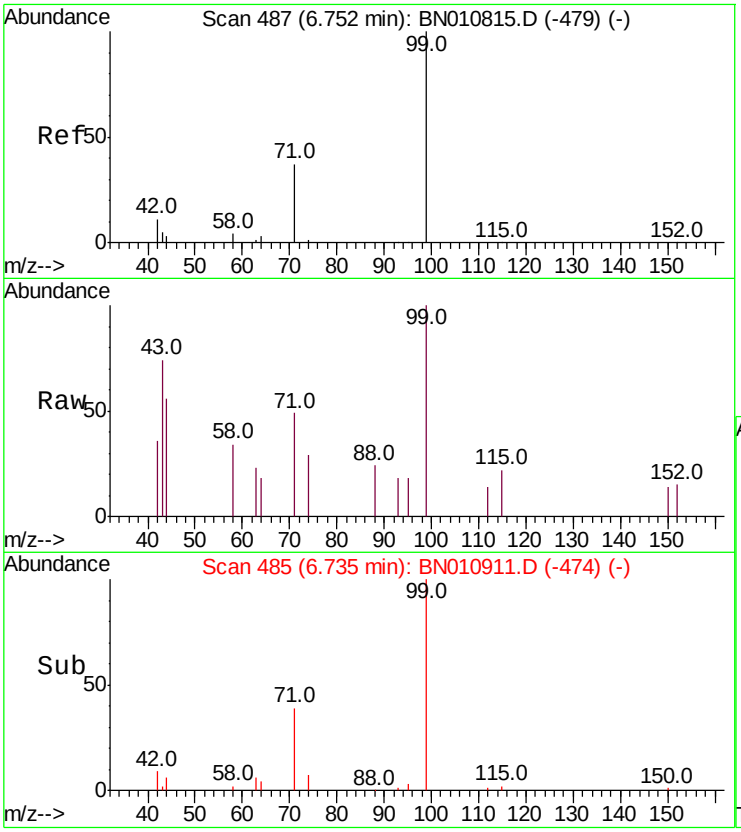


#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.20 min Scan# 294
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:112 Resp: 688

Ion	Ratio	Lower	Upper
112	100		
64	42.2	37.4	56.0
63	24.1	22.2	33.4



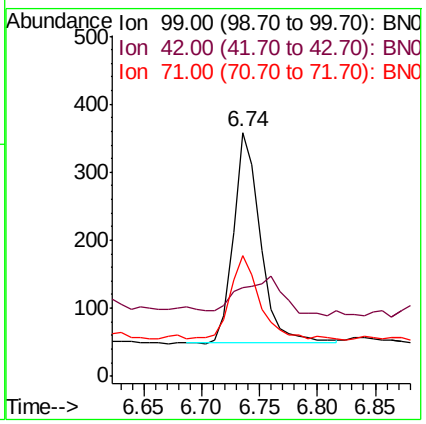


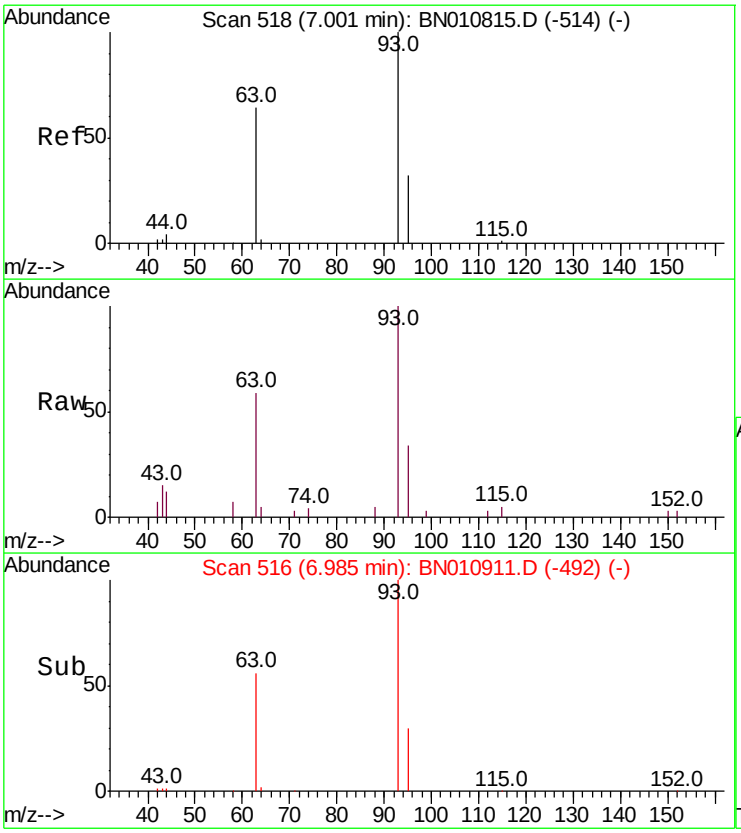
#5
Phenol-d6
Concen: 0.090 ng
RT: 6.74 min Scan# 485
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion: 99 Resp: 496

Ion	Ratio	Lower	Upper
99	100		
42	0.0	11.1	16.7#
71	45.4	31.4	47.2

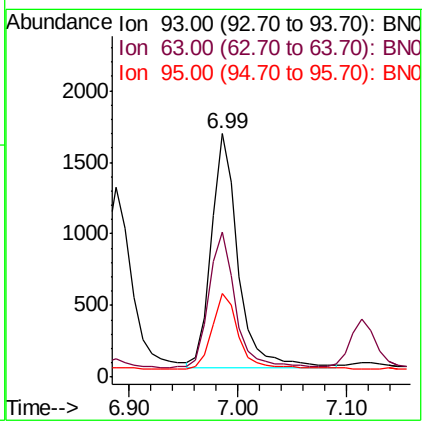


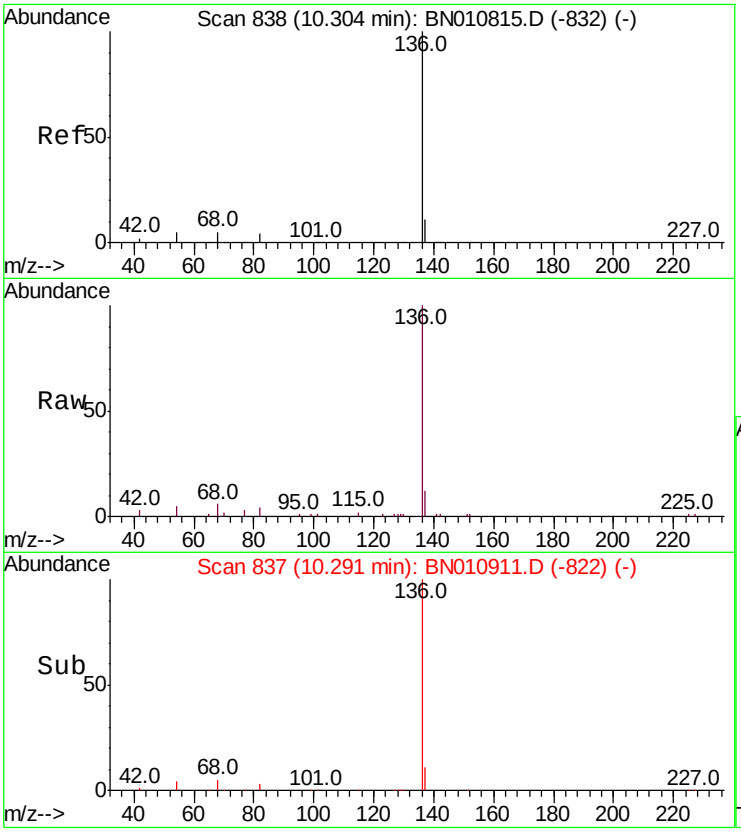


#6
bis(2-Chloroethyl)ether
Concen: 0.519 ng
RT: 6.99 min Scan# 516
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion: 93 Resp: 2804

Ion	Ratio	Lower	Upper
93	100		
63	56.0	49.4	74.2
95	32.7	26.7	40.1



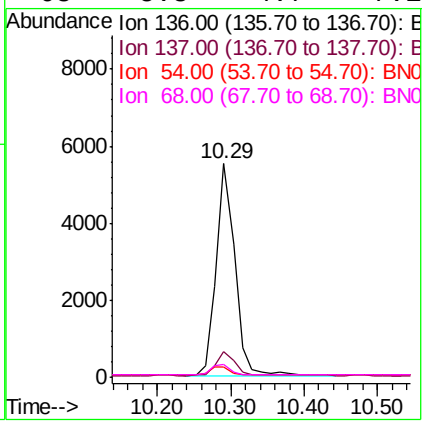


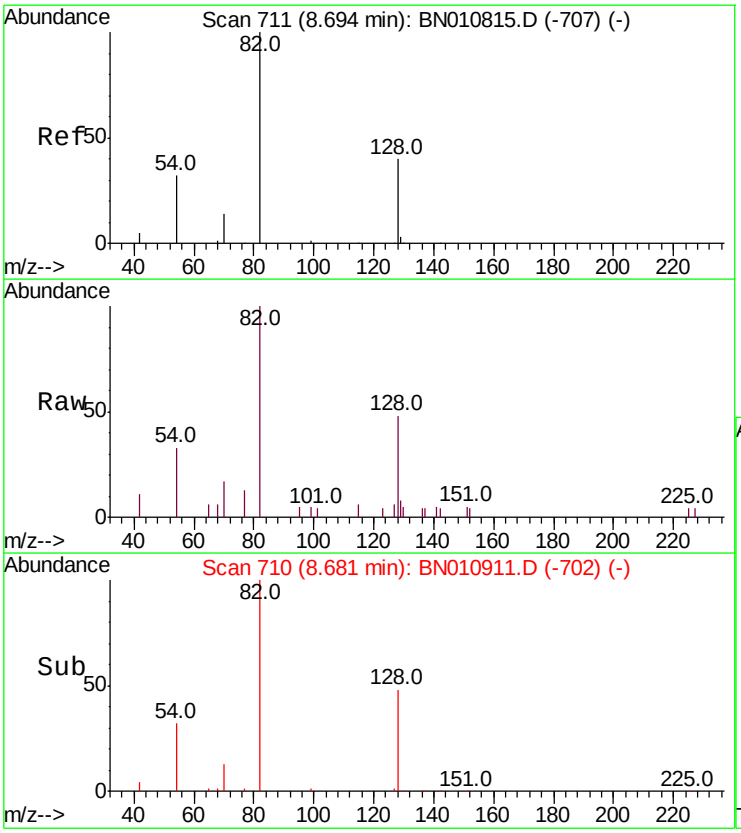
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.29 min Scan# 837
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:136 Resp: 9664

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.7	14.5
54	4.9	4.9	7.3
68	5.8	4.7	7.1

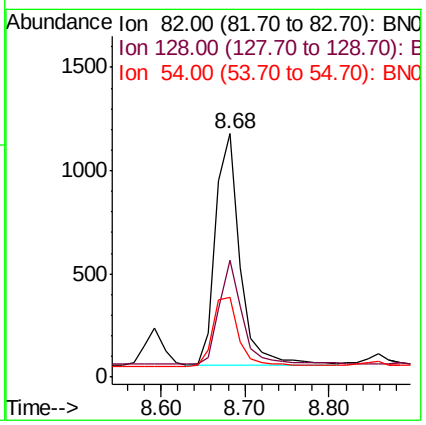


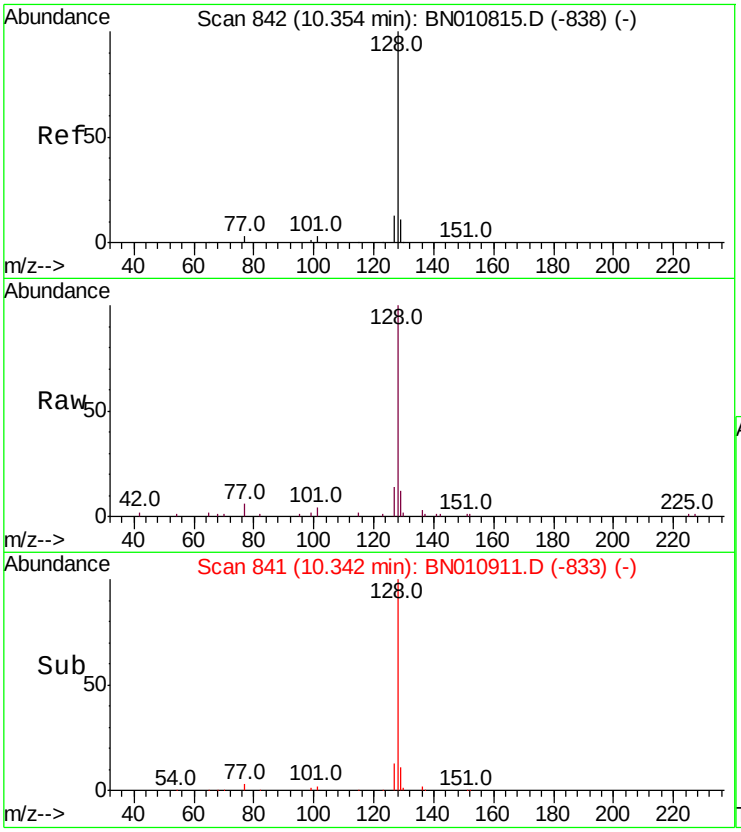


#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.68 min Scan# 710
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion: 82 Resp: 2270

Ion	Ratio	Lower	Upper
82	100		
128	47.9	35.4	53.0
54	32.8	28.2	42.4



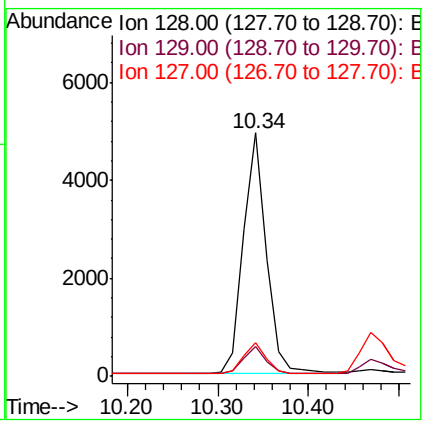


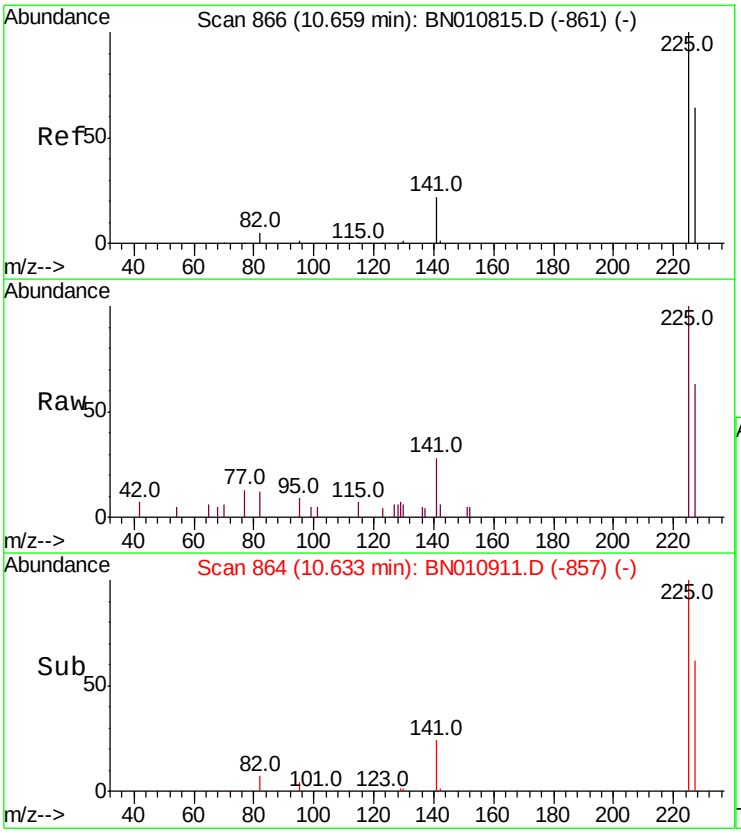
#9
Naphthalene
Concen: 0.352 ng
RT: 10.34 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:128 Resp: 8556

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	13.7	11.4	17.2

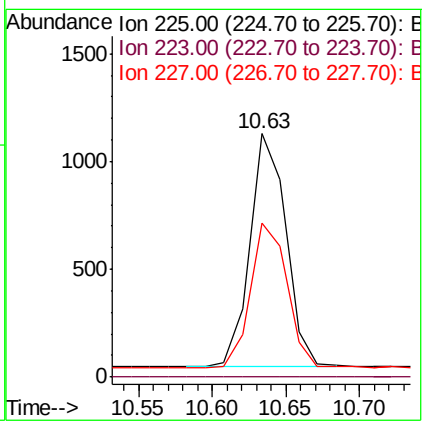


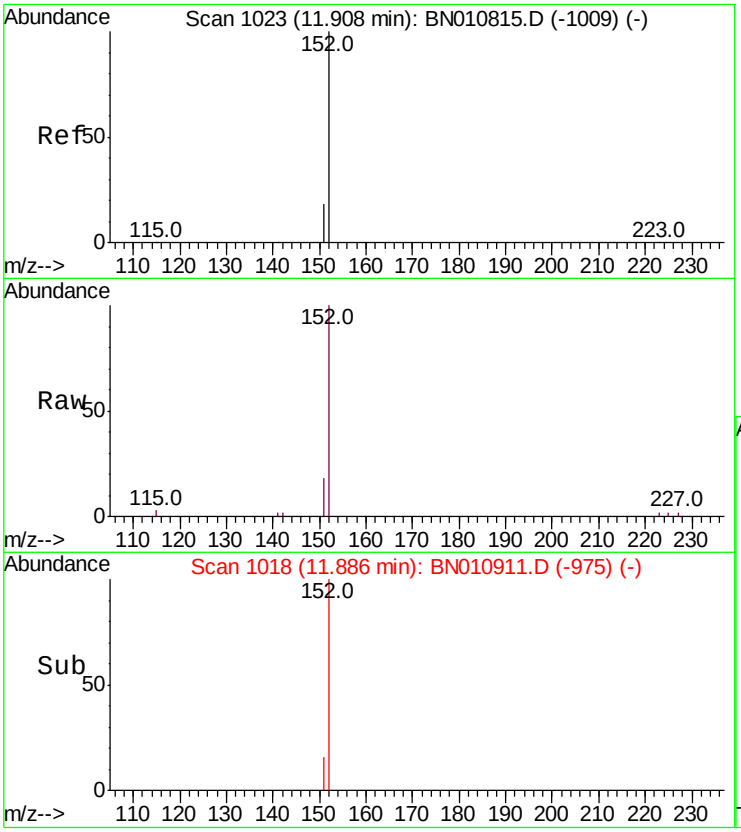


#10
Hexachlorobutadiene
Concen: 0.308 ng
RT: 10.63 min Scan# 864
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:225 Resp: 1847

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	50.5	75.7



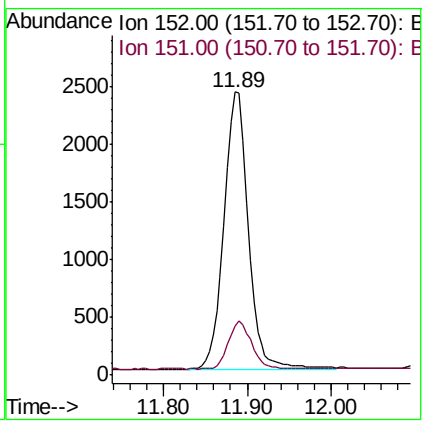


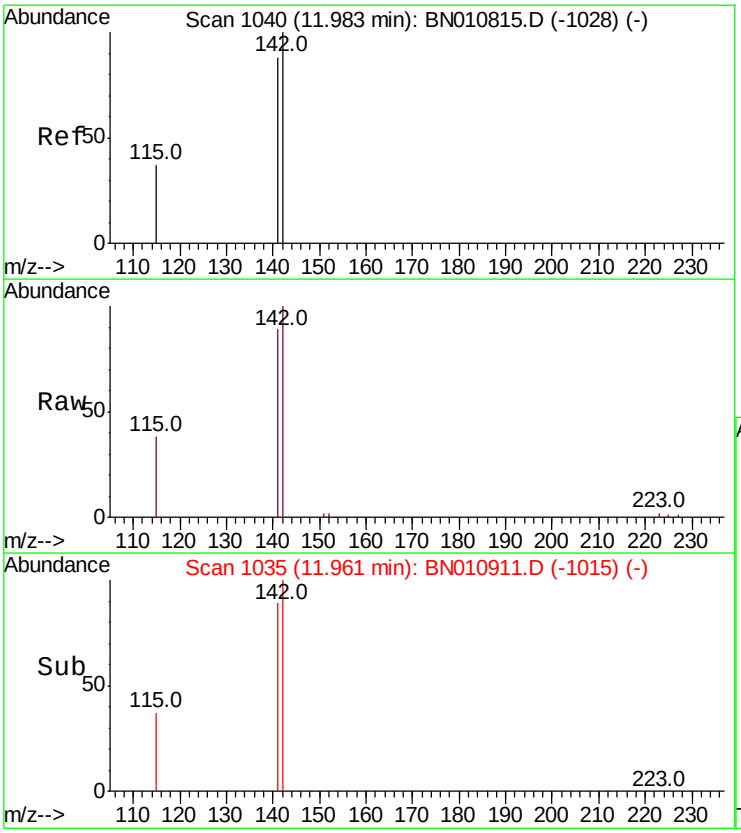
#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 11.89 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:152 Resp: 4826

Ion	Ratio	Lower	Upper
152	100		
151	16.3	15.3	22.9

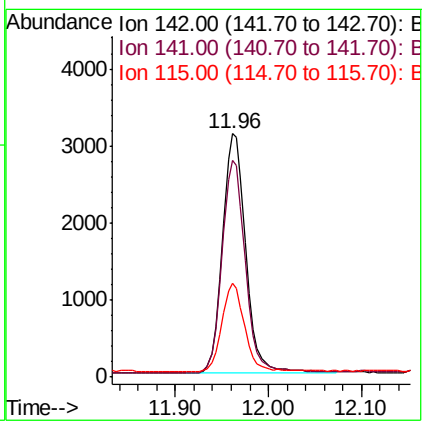


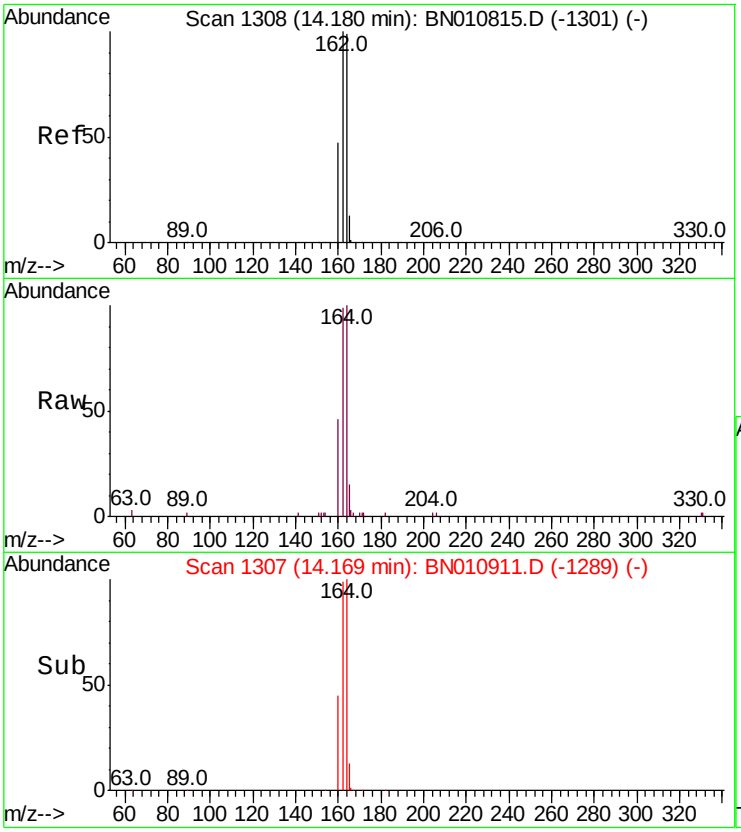


#12
2-Methylnaphthalene
Concen: 0.330 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:142 Resp: 5370

Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.8	106.2
115	38.3	31.5	47.3



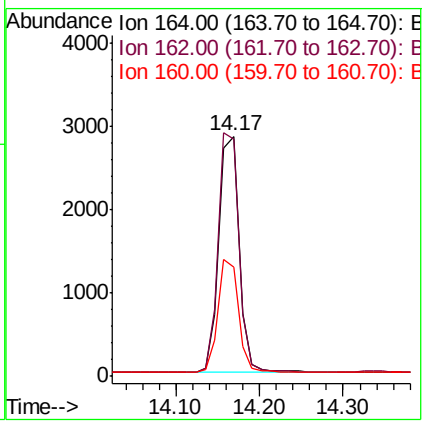


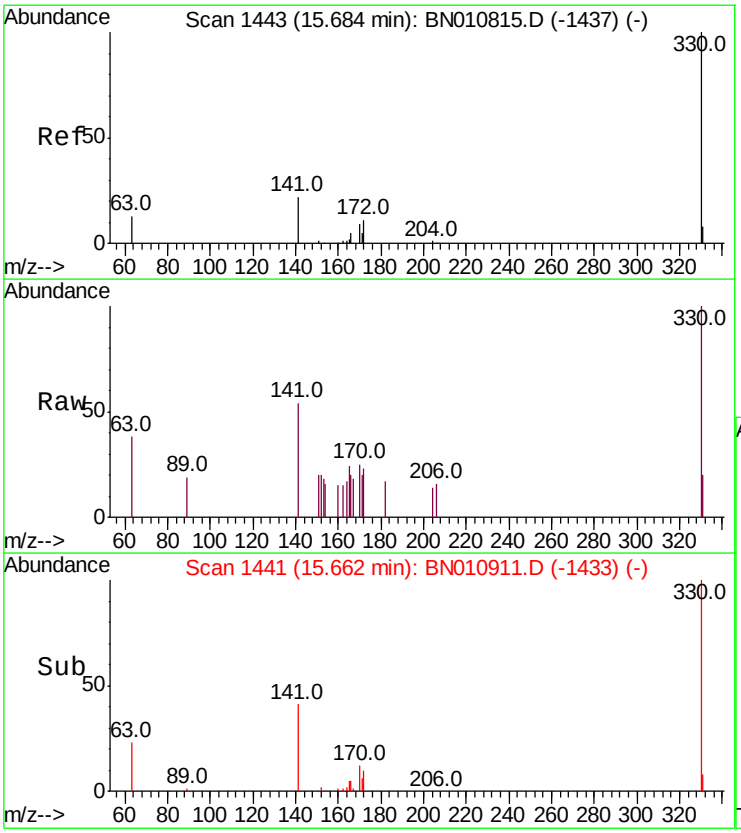
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.17 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:164 Resp: 4762

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	45.5	38.9	58.3

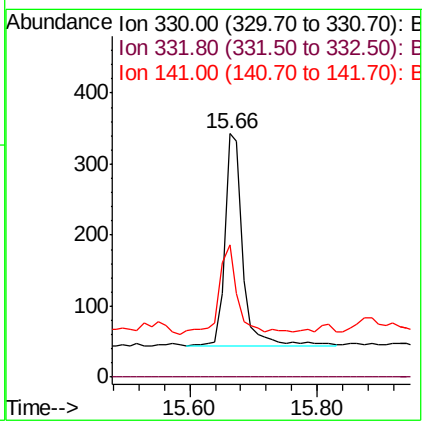


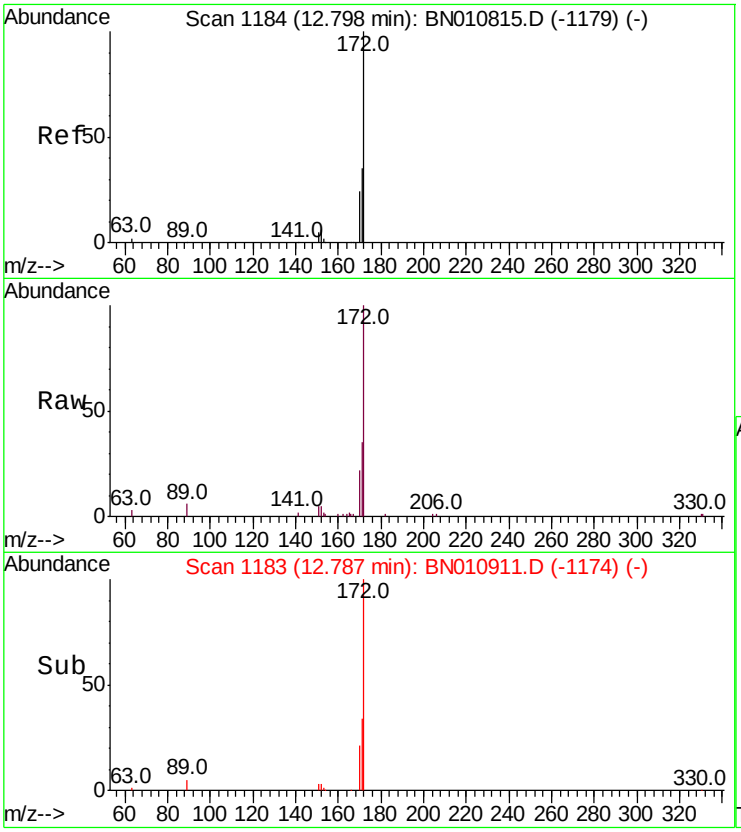


#14
2,4,6-Tribromophenol
Concen: 0.332 ng
RT: 15.66 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:330 Resp: 565

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.5	33.2	49.8



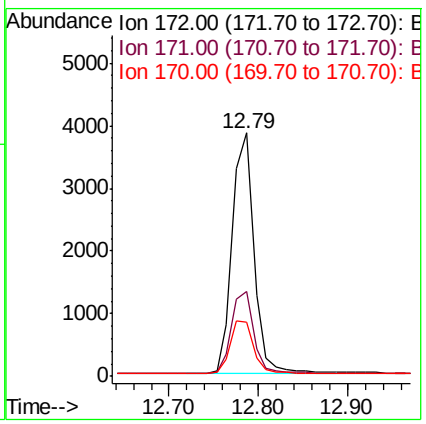


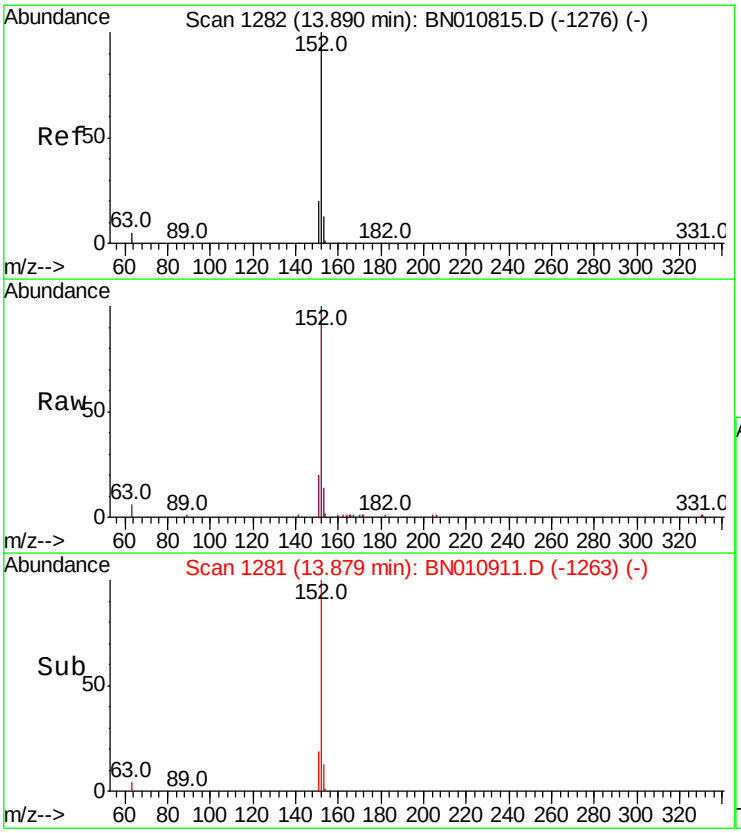
#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.79 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:172 Resp: 6513

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.4	19.7	29.5

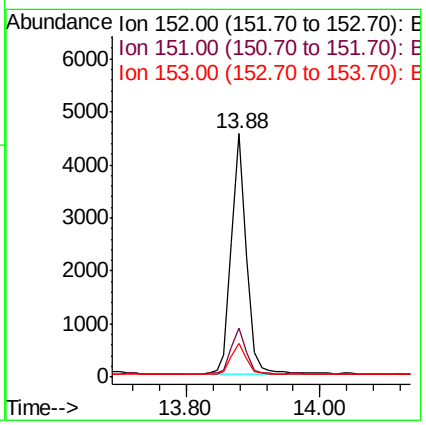


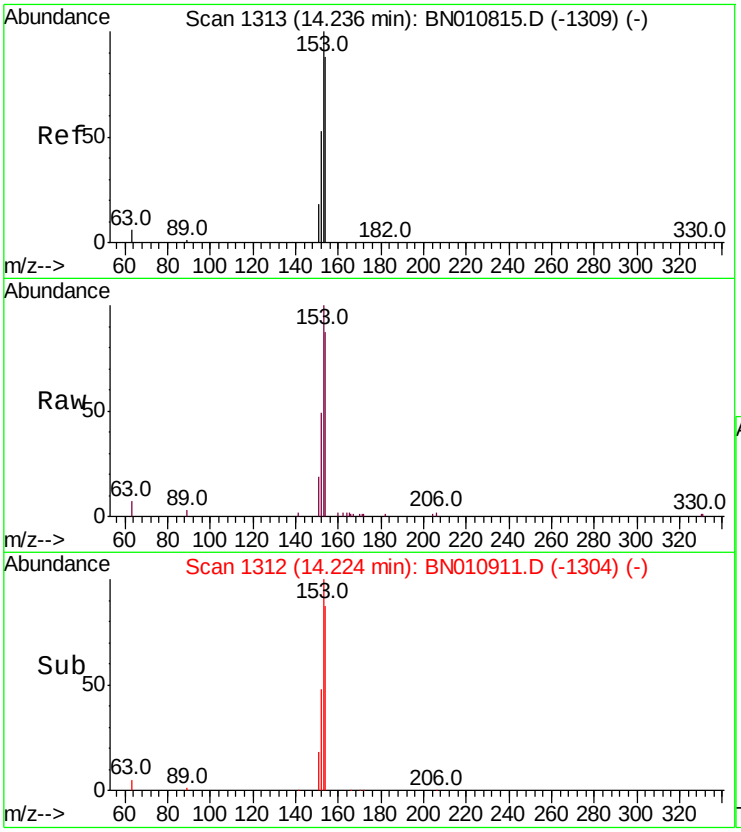


#16
Acenaphthylene
Concen: 0.362 ng
RT: 13.88 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:152 Resp: 7056

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.6	16.0



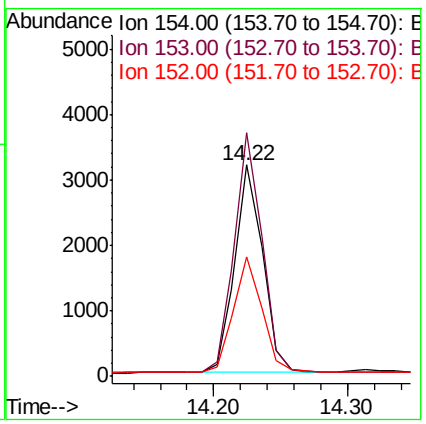


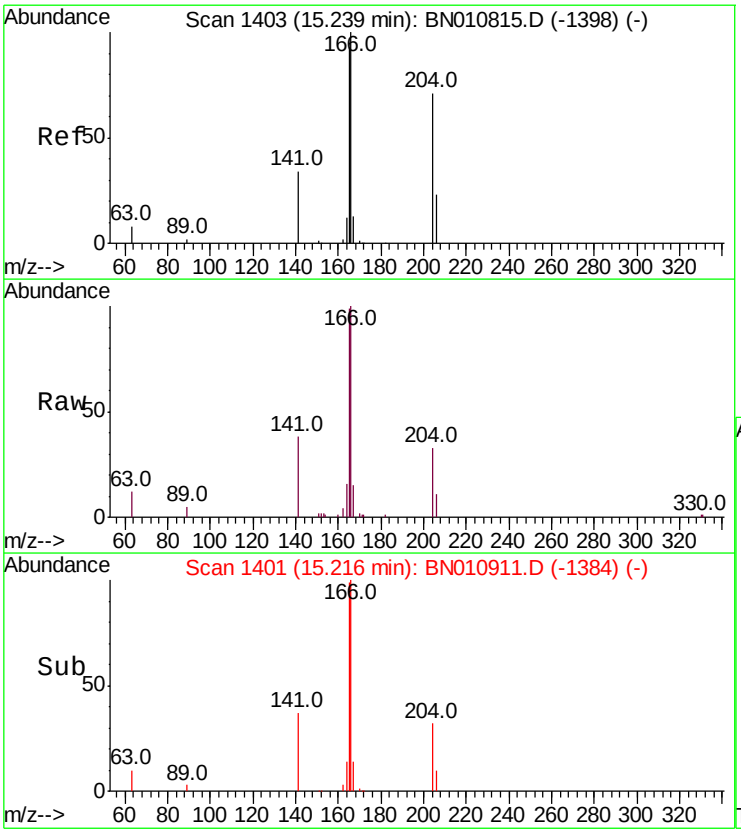
#17
Acenaphthene
Concen: 0.346 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:154 Resp: 4607

Ion	Ratio	Lower	Upper
154	100		
153	115.3	91.8	137.6
152	57.6	47.6	71.4

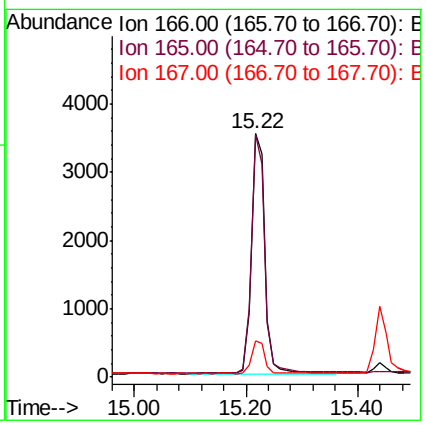


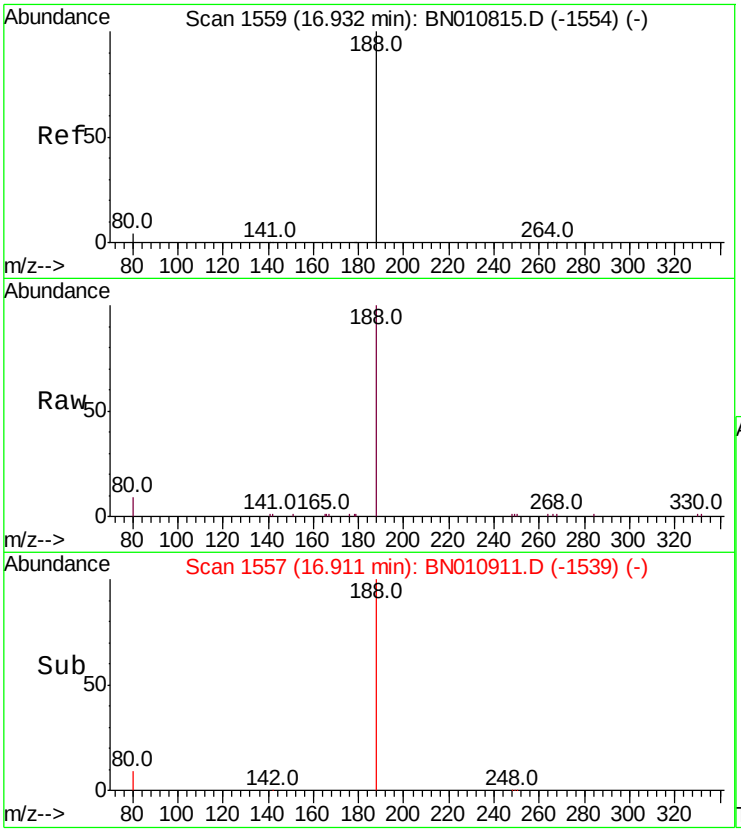


#18
Fluorene
Concen: 0.346 ng
RT: 15.22 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:166 Resp: 5931

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.2	115.8
167	14.1	10.7	16.1



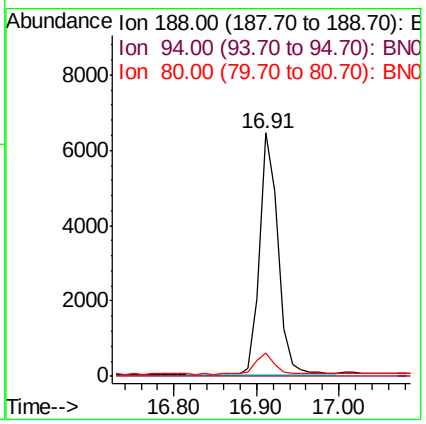


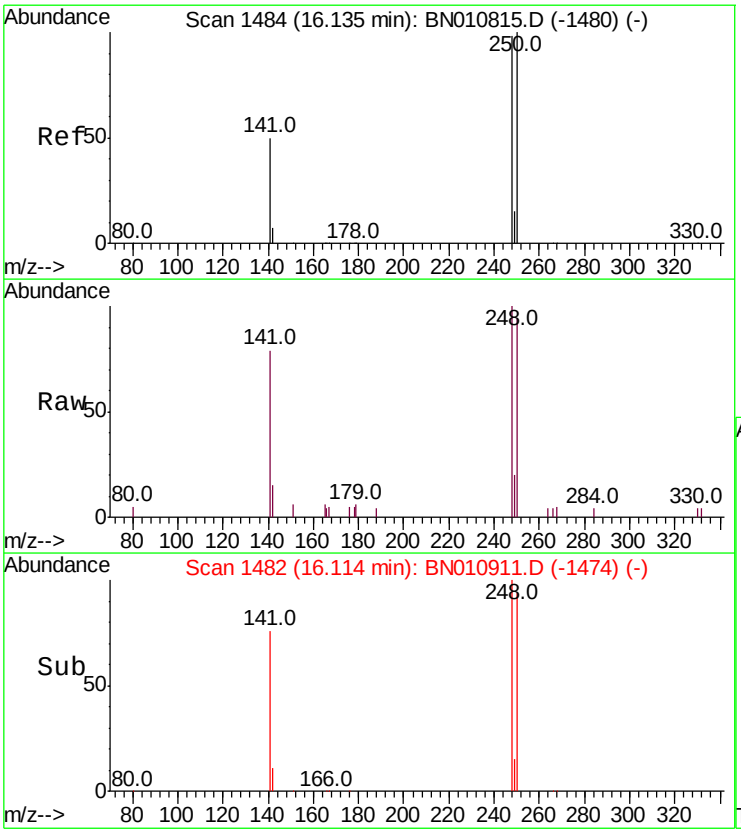
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:188 Resp: 9755

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	4.5	6.7#

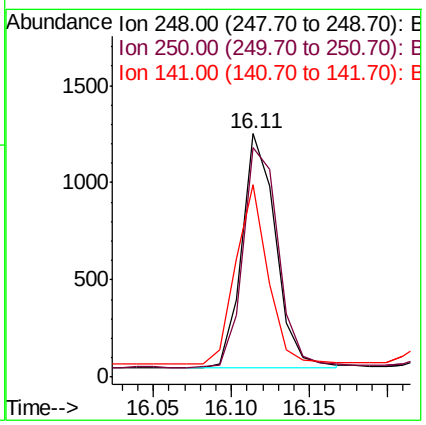


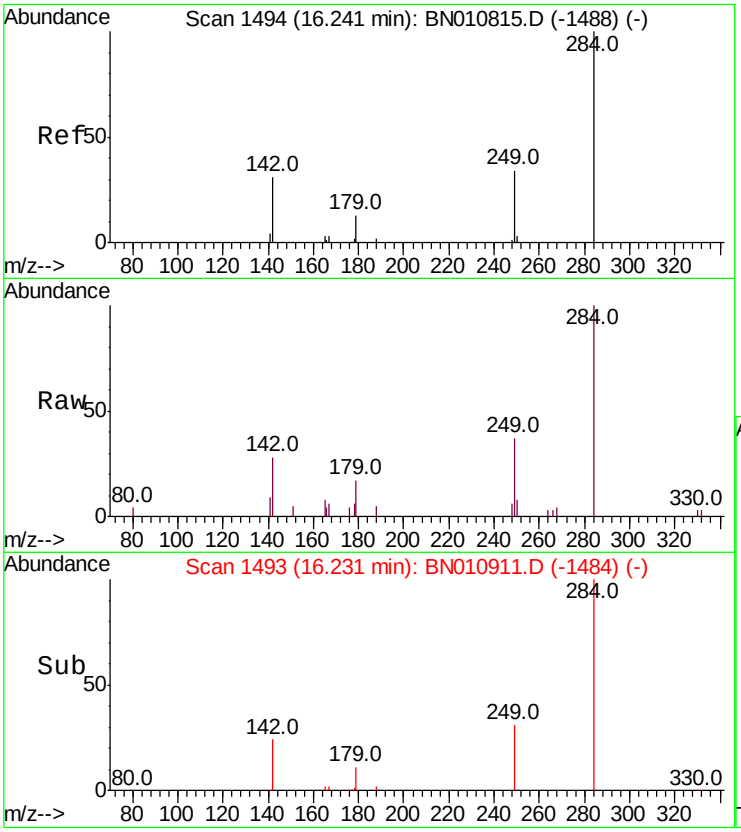


#20
4-Bromophenyl-phenylether
Concen: 0.310 ng
RT: 16.11 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:248 Resp: 1820

Ion	Ratio	Lower	Upper
248	100		
250	94.4	81.8	122.8
141	78.9	42.6	64.0#



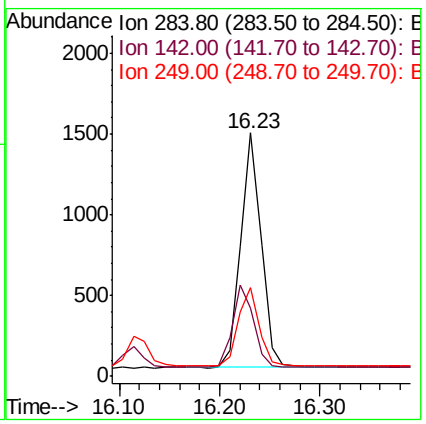


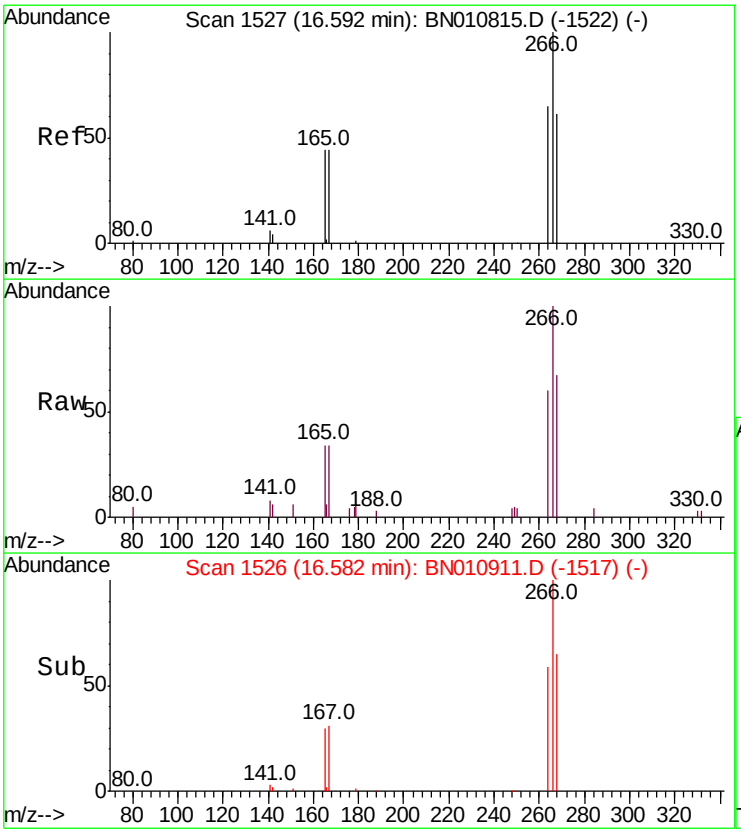
#21
Hexachlorobenzene
Concen: 0.336 ng
RT: 16.23 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:284 Resp: 2057

Ion	Ratio	Lower	Upper
284	100		
142	36.4	31.0	46.4
249	34.5	27.1	40.7

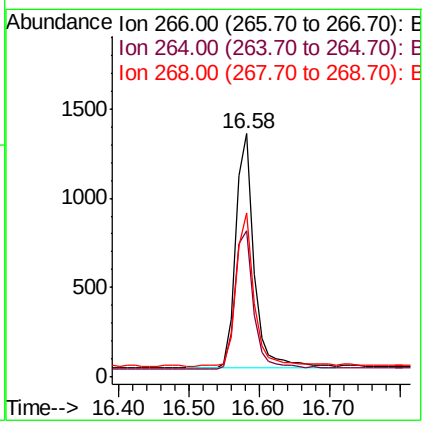


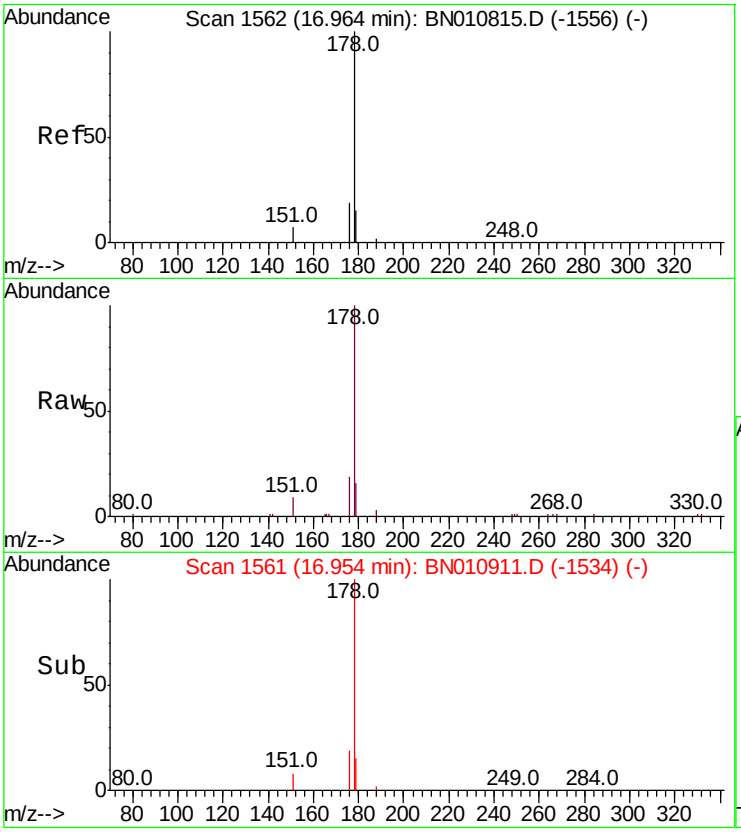


#22
Pentachlorophenol
Concen: 1.133 ng
RT: 16.58 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:266 Resp: 2325

Ion	Ratio	Lower	Upper
266	100		
264	60.2	54.8	82.2
268	67.3	55.9	83.9



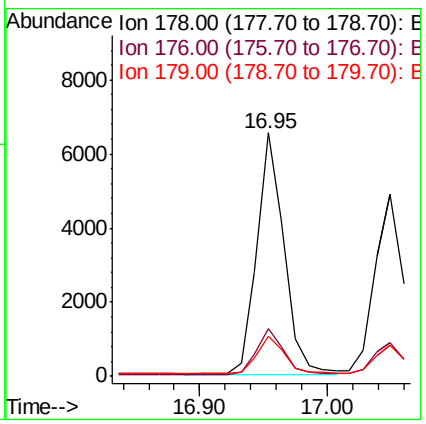


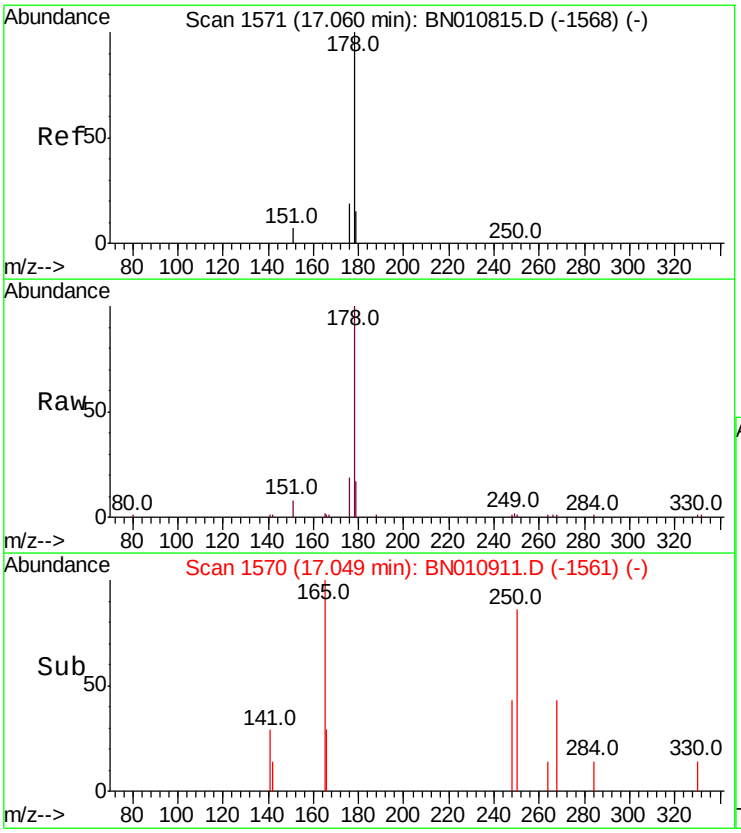
#23
Phenanthrene
Concen: 0.361 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:178 Resp: 9629

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	16.0	12.6	19.0

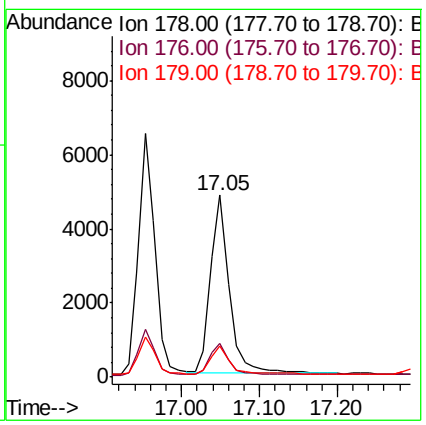


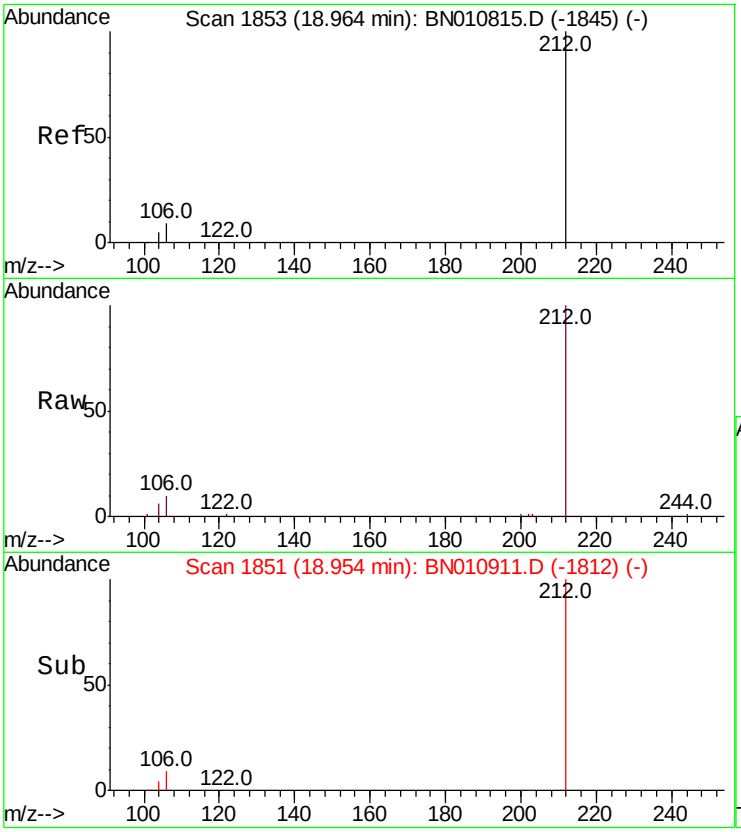


#24
Anthracene
Concen: 0.360 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:178 Resp: 8016

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	22.0
179	15.6	12.3	18.5



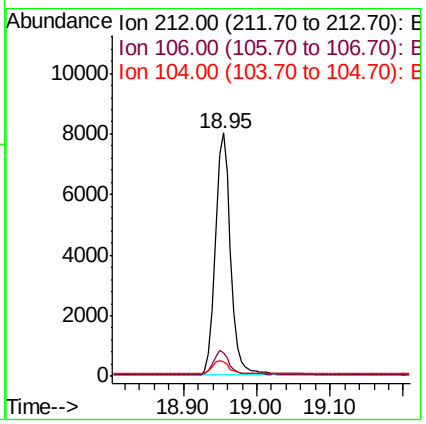


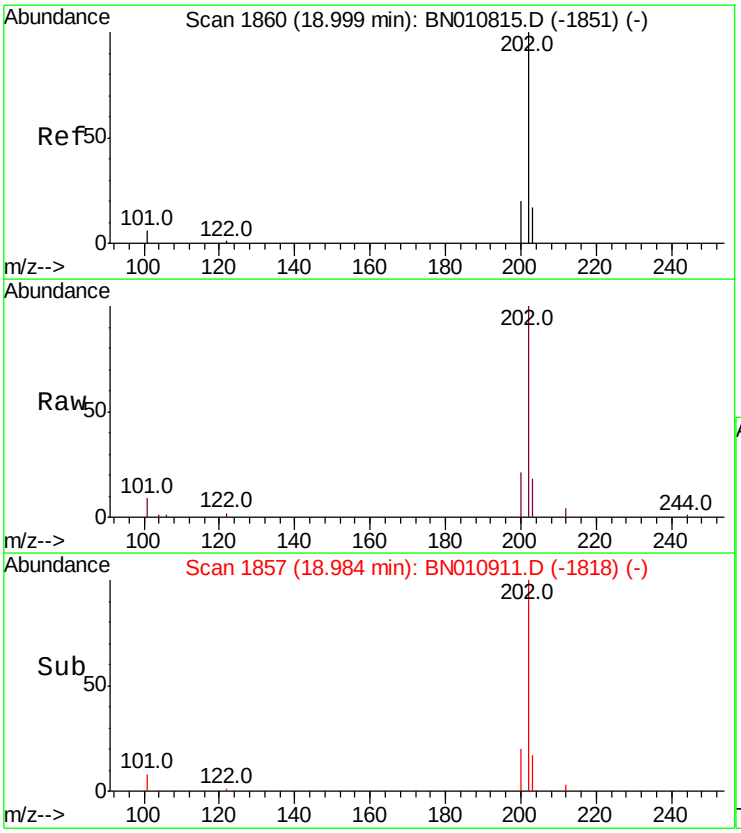
#25
Fluoranthene-d10
Concen: 0.429 ng
RT: 18.95 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:212 Resp: 11552

Ion	Ratio	Lower	Upper
212	100		
106	10.0	6.6	10.0#
104	5.6	4.0	6.0

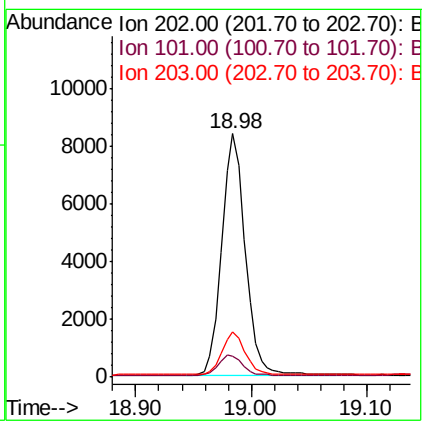


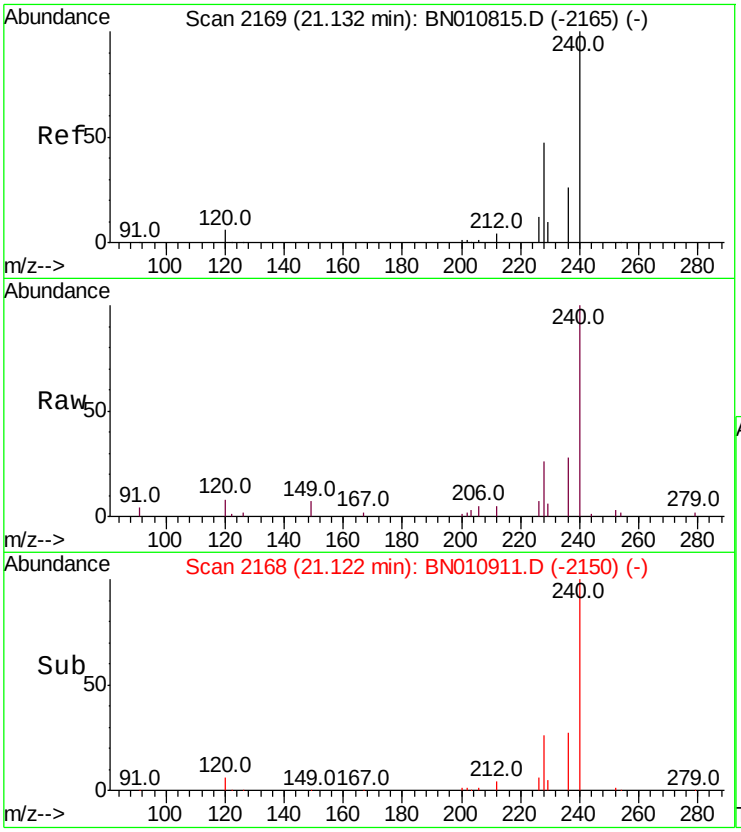


#26
Fluoranthene
Concen: 0.392 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:202 Resp: 11842

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.8	8.6#
203	17.3	13.7	20.5



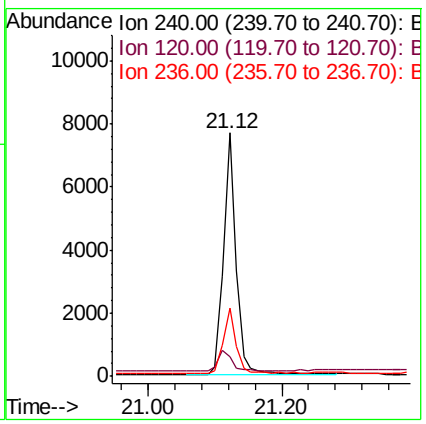


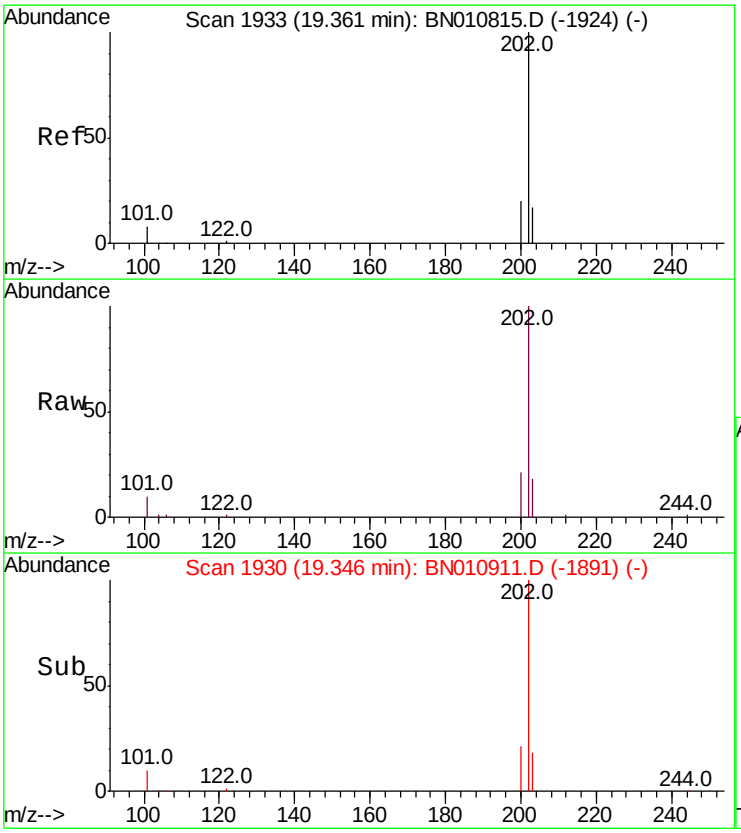
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:240 Resp: 9968

Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.5	11.3
236	28.0	22.3	33.5

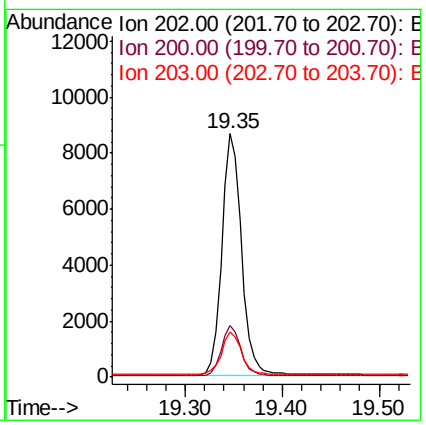


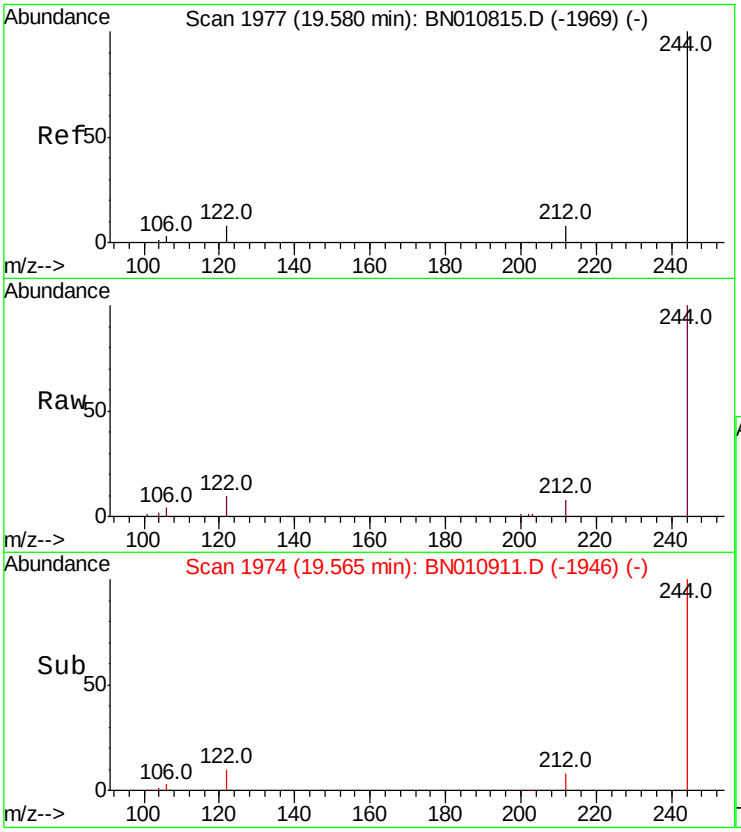


#28
Pyrene
Concen: 0.371 ng
RT: 19.35 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:202 Resp: 12234

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	18.3	14.2	21.4



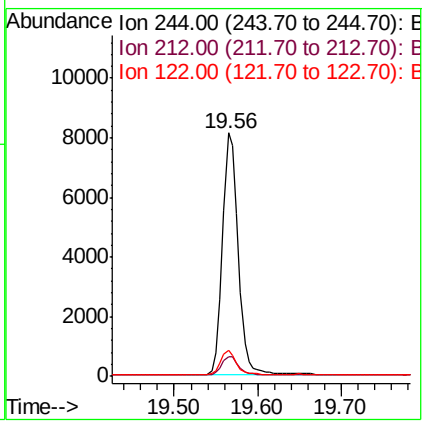


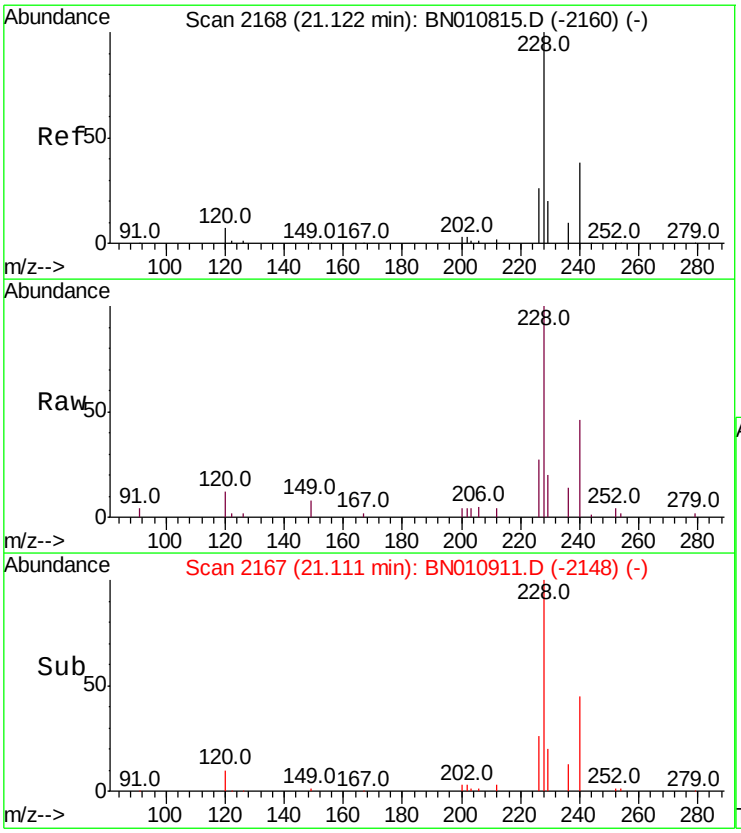
#29
Terphenyl-d14
Concen: 0.456 ng
RT: 19.56 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:244 Resp: 10648

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.4	11.2
122	10.5	7.5	11.3

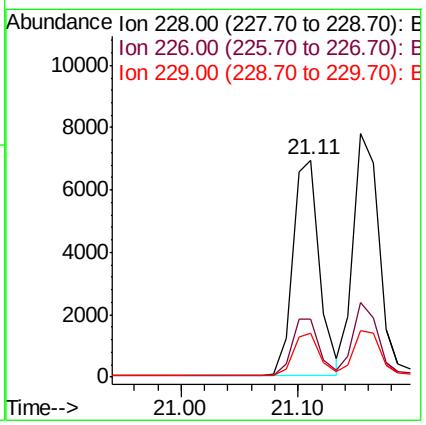


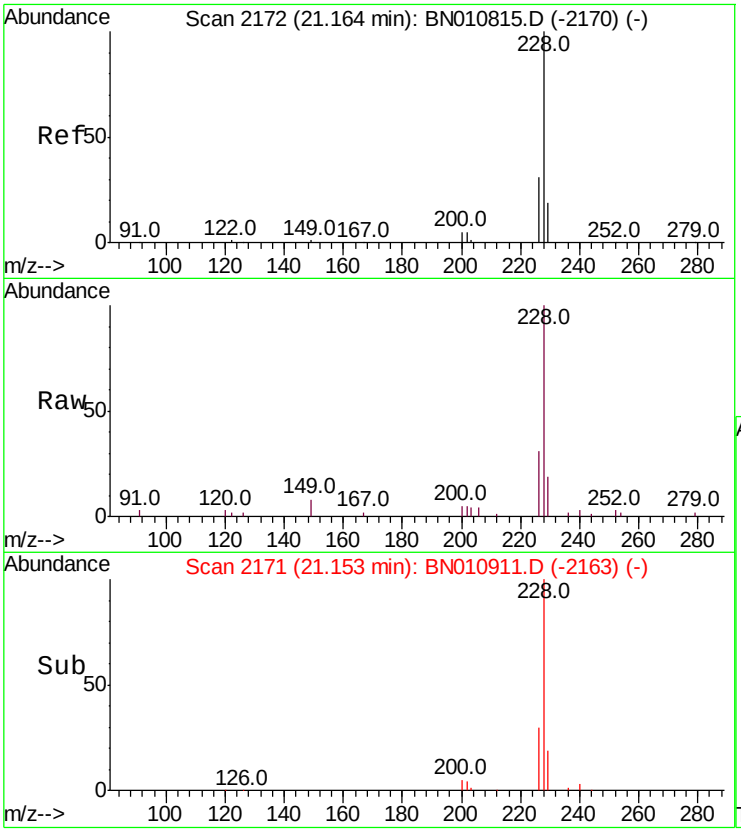


#30
Benzo(a)anthracene
Concen: 0.373 ng
RT: 21.11 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:228 Resp: 10928

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	20.5	16.6	24.8



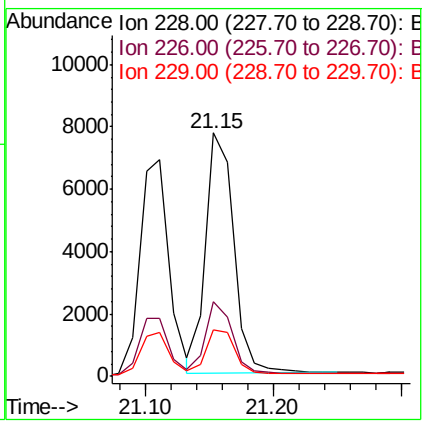


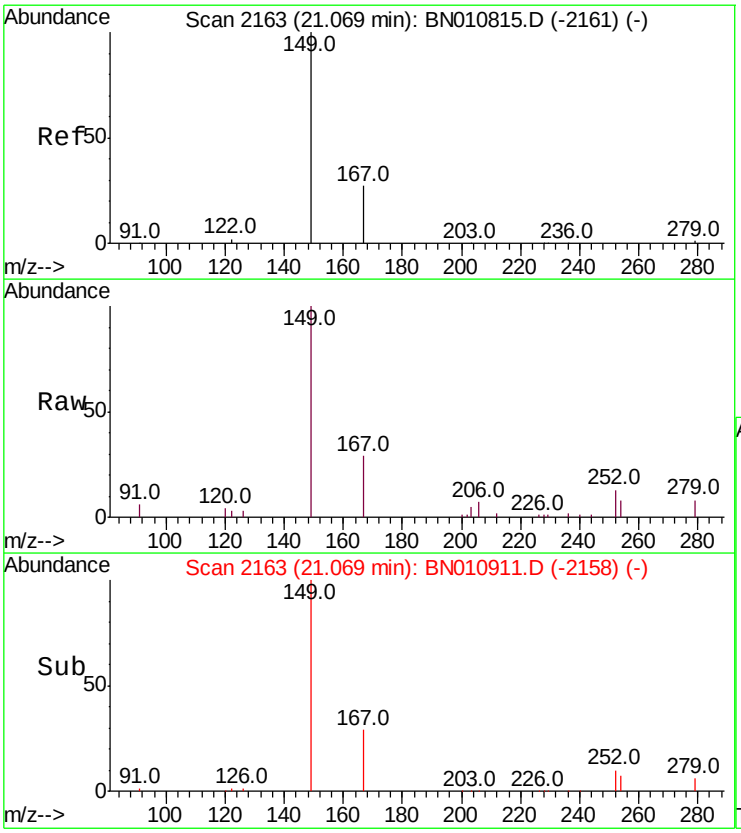
#31
Chrysene
Concen: 0.343 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:228 Resp: 11713

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.3	16.1	24.1

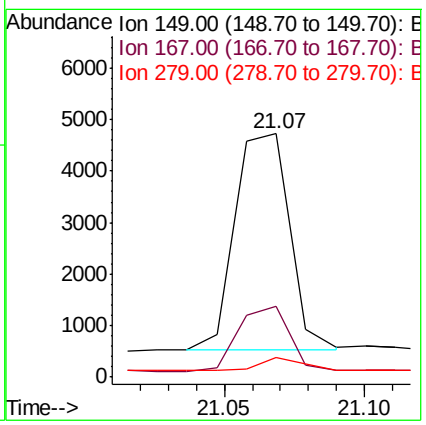


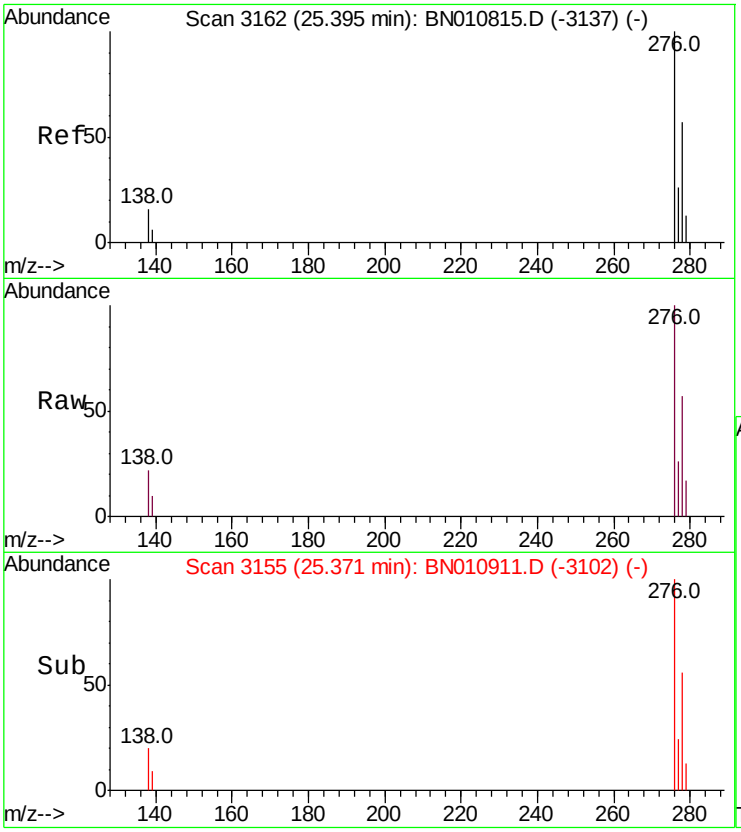


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.587 ng
RT: 21.07 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:149 Resp: 5735

Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.1	36.1
279	5.0	4.6	7.0



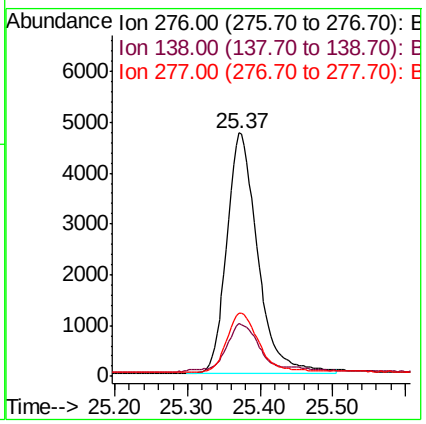


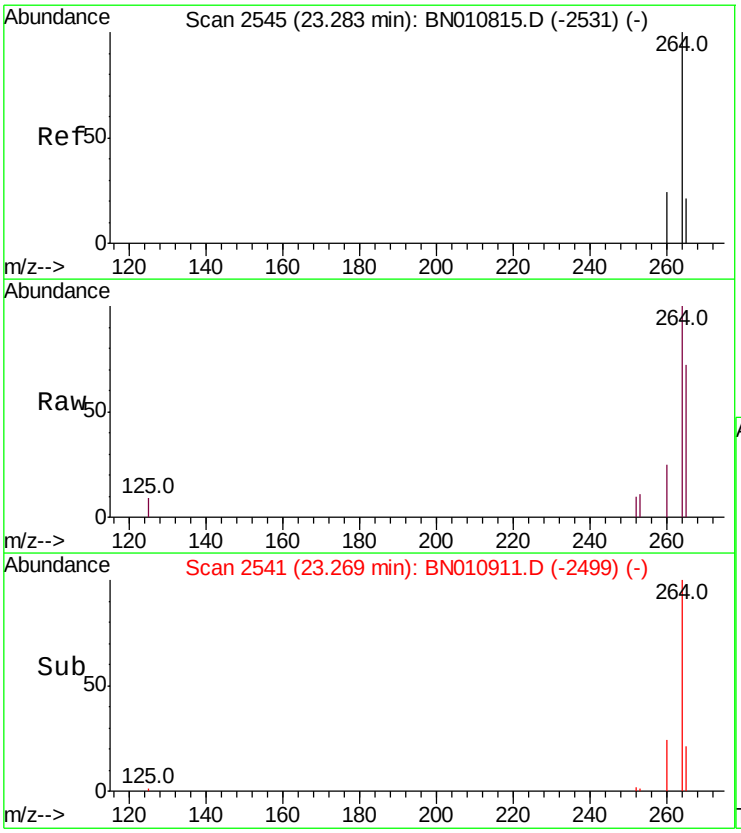
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 25.37 min Scan# 3155
Delta R.T. -0.02 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:276 Resp: 14002

Ion	Ratio	Lower	Upper
276	100		
138	21.4	13.0	19.6#
277	24.9	19.7	29.5

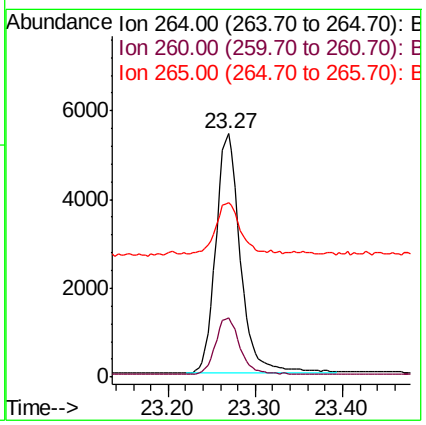


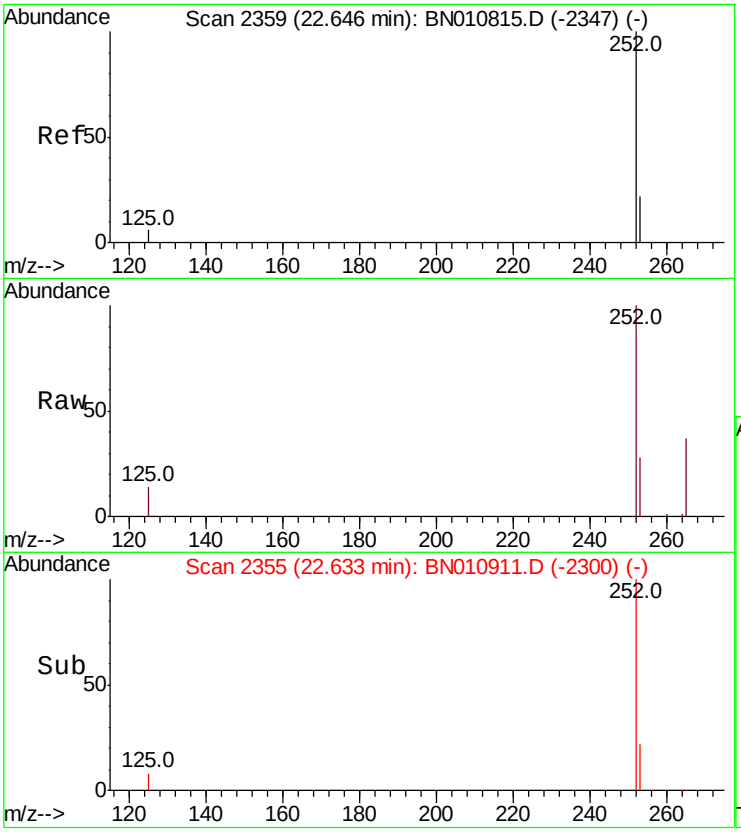


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.27 min Scan# 2541
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:264 Resp: 10574

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.4	30.6
265	71.7	75.0	112.4#



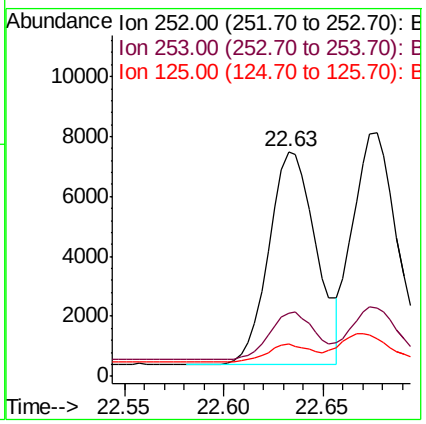


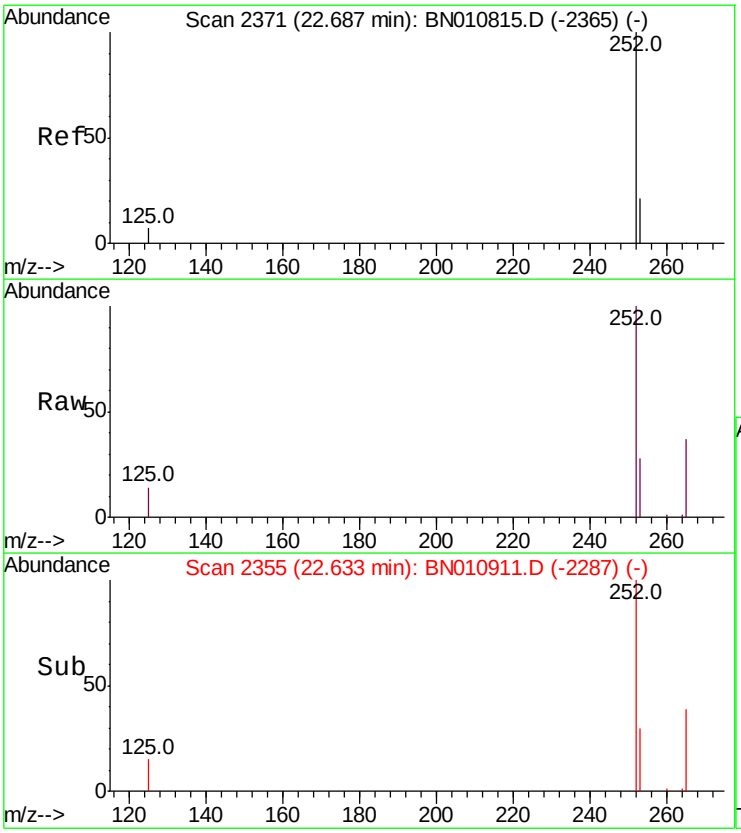
#35
Benzo(b)fluoranthene
Concen: 0.330 ng
RT: 22.63 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:252 Resp: 11854

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.4	33.6
125	14.2	9.4	14.0#

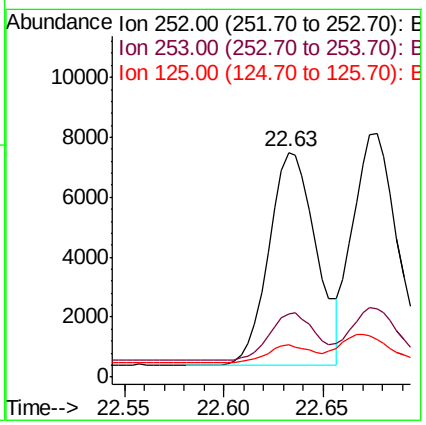


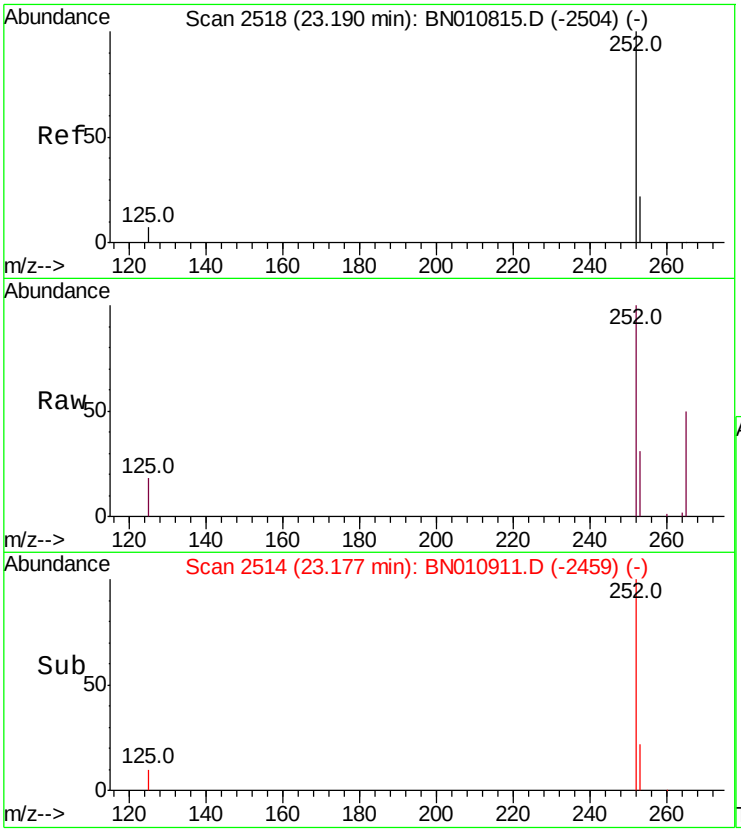


#36
Benzo(k)fluoranthene
Concen: 0.309 ng
RT: 22.63 min Scan# 2355
Delta R.T. -0.05 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:252 Resp: 11854

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.2	33.4
125	14.2	9.8	14.8



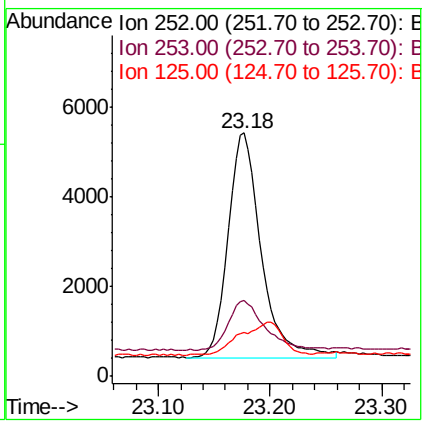


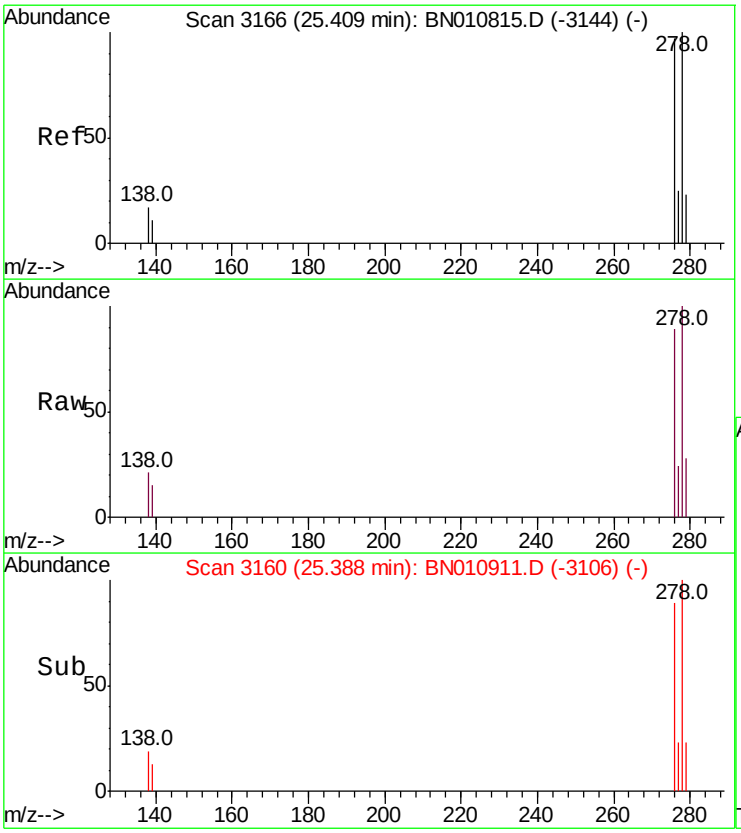
#37
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.18 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:252 Resp: 10317

Ion	Ratio	Lower	Upper
252	100		
253	31.0	25.8	38.8
125	17.9	12.4	18.6

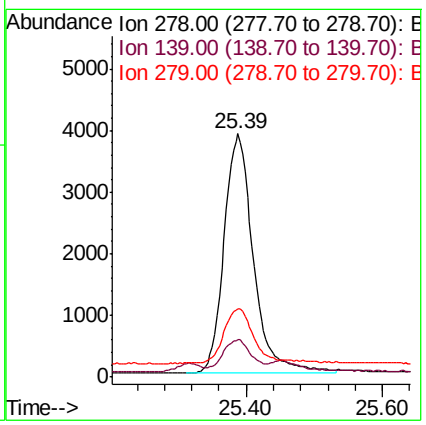


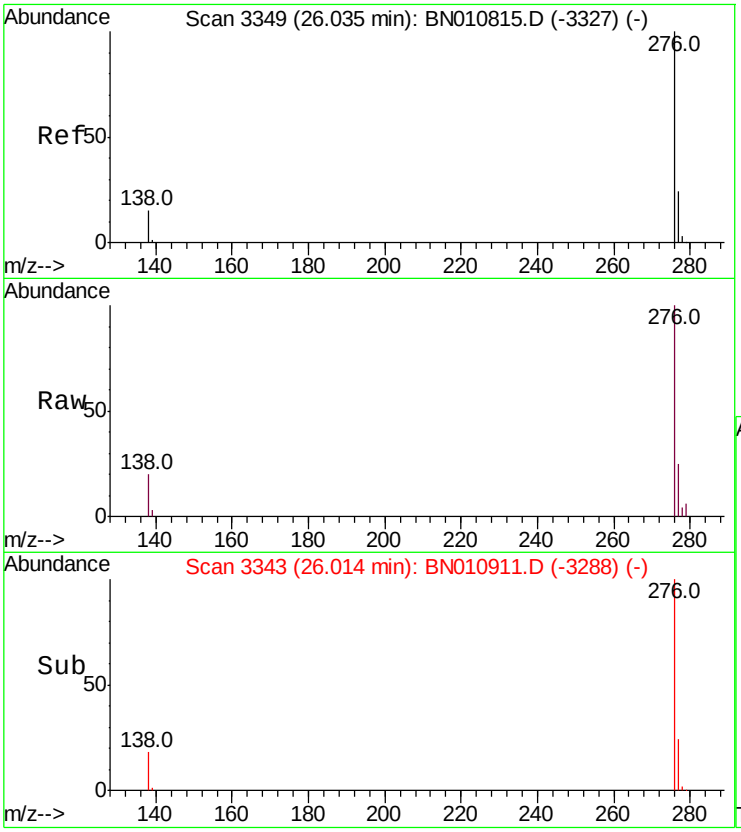


#38
Dibenzo(a,h)anthracene
Concen: 0.331 ng
RT: 25.39 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Tgt Ion:278 Resp: 11627

Ion	Ratio	Lower	Upper
278	100		
139	15.3	10.6	15.8
279	28.2	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.330 ng
RT: 26.01 min Scan# 3343
Delta R.T. -0.01 min
Lab File: BN010911.D
Acq: 16 Jun 2020 17:41

Instrument :
BNA_N
ClientSampleId :
RE108D2-20200608MSD

Tgt Ion:276 Resp: 12136

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.5	30.7
138	19.7	13.7	20.5