Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010991.D
Acq On : 20 Jun 2020 06:11
Operator : CG/JU
Sample : L3020-22MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW-23MSD

Quant Time: Jun 20 06:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	2483	0.40	ng		0.00
7) Naphthalene-d8	10.28	136	9115	0.40	ng		0.00
13) Acenaphthene-d10	14.15	164	5367	0.40	ng		0.00
19) Phenanthrene-d10	16.91	188	11280	0.40	ng		0.00
27) Chrysene-d12	21.11	240	10702	0.40	ng		0.00
34) Perylene-d12	23.25	264	11003	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.18	112	1226	0.26	ng		0.00
5) Phenol-d6	6.73	99	922	0.16	ng		0.00
8) Nitrobenzene-d5	8.67	82	2979	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	11.87	152	5662	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.66	330	1043	0.54	ng		0.00
15) 2-Fluorobiphenyl	12.77	172	10299	0.49	ng		0.00
25) Fluoranthene-d10	18.94	212	12361	0.40	ng		0.00
29) Terphenyl-d14	19.56	244	14127	0.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	405	0.167	ng	#	50
3) n-Nitrosodimethylamine	3.53	42	292	0.207	ng	#	87
6) bis(2-Chloroethyl)ether	6.98	93	2190	0.398	ng		96
9) Naphthalene	10.33	128	8289	0.362	ng		99
10) Hexachlorobutadiene	10.62	225	1561	0.276	ng	#	98
12) 2-Methylnaphthalene	11.95	142	5617	0.366	ng		99
16) Acenaphthylene	13.86	152	7920	0.360	ng		98
17) Acenaphthene	14.21	154	5500	0.367	ng		98
18) Fluorene	15.21	166	7174	0.371	ng		97
20) 4-Bromophenyl-phenylether	16.11	248	2316	0.342	ng		98
21) Hexachlorobenzene	16.22	284	2318	0.328	ng	#	92
22) Pentachlorophenol	16.57	266	2660	1.121	ng		95
23) Phenanthrene	16.94	178	12710	0.413	ng		99
24) Anthracene	17.03	178	11123	0.432	ng		98
26) Fluoranthene	18.97	202	14956	0.428	ng	#	98
28) Pyrene	19.34	202	15123	0.427	ng		99
30) Benzo(a)anthracene	21.09	228	13781	0.438	ng		98
31) Chrysene	21.14	228	13755	0.375	ng		98
32) Bis(2-ethylhexyl)phthalate	21.05	149	7789	0.743	ng		96
33) Indeno(1,2,3-cd)pyrene	25.36	276	15639	0.382	ng	#	96
35) Benzo(b)fluoranthene	22.62	252	13603	0.364	ng	#	97
36) Benzo(k)fluoranthene	22.66	252	13747	0.345	ng		97
37) Benzo(a)pyrene	23.16	252	11607	0.362	ng		98
38) Dibenzo(a,h)anthracene	25.36	278	12896	0.352	ng	#	97
39) Benzo(g,h,i)perylene	25.99	276	13849	0.362	ng		97

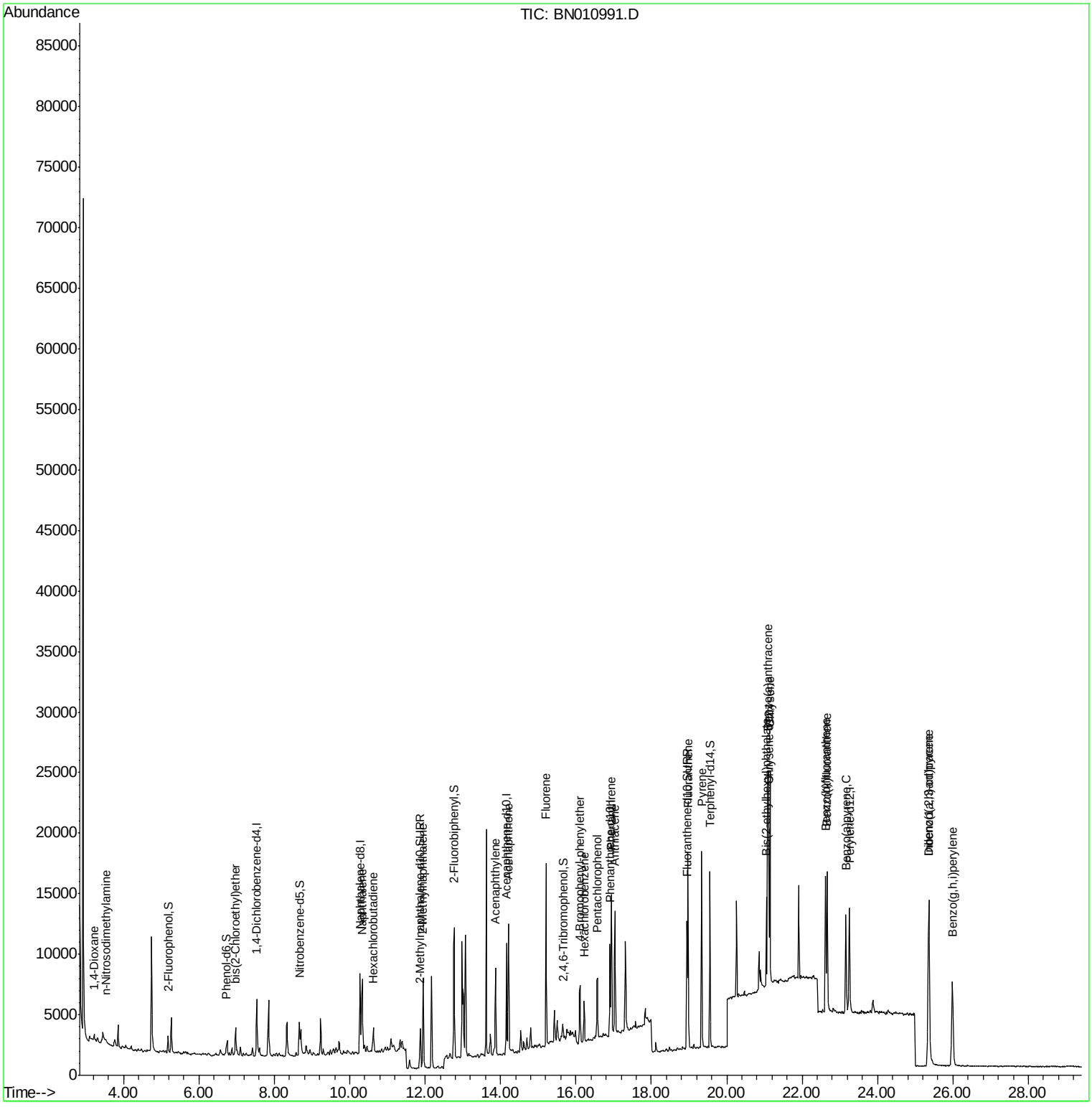
(#) = qualifier out of range (m) = manual integration (+) = signals summed

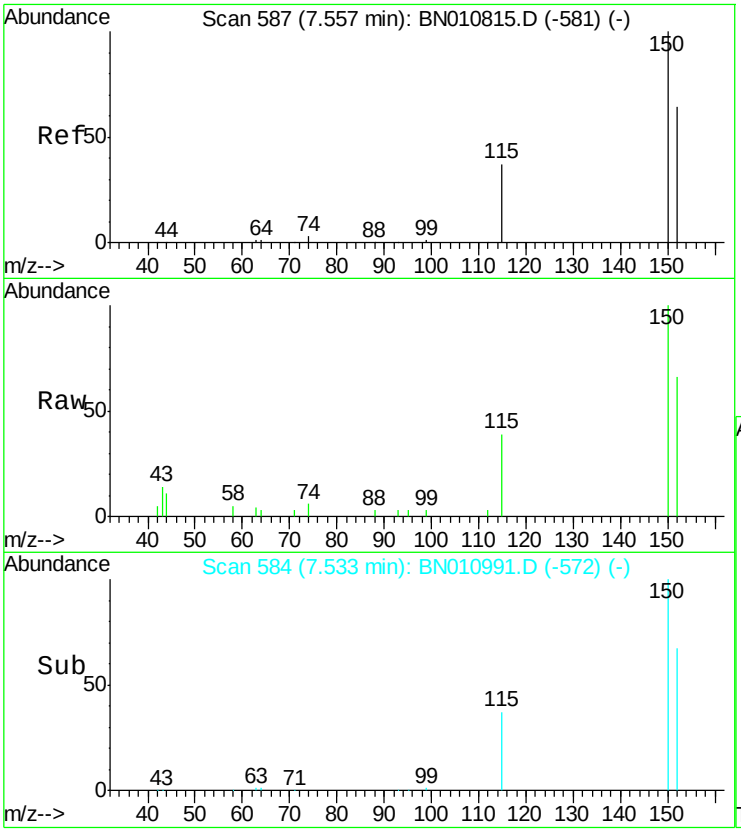
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061920\
Data File : BN010991.D
Acq On : 20 Jun 2020 06:11
Operator : CG/JU
Sample : L3020-22MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Quant Time: Jun 20 06:56:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 12:43:49 2020
Response via : Initial Calibration



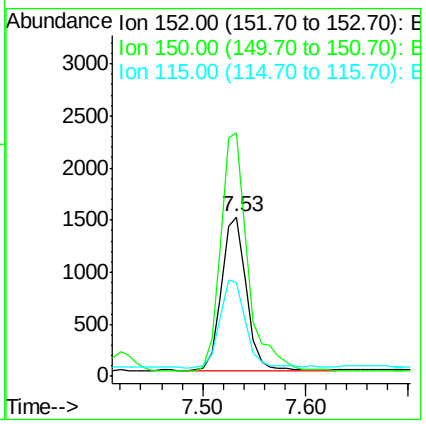


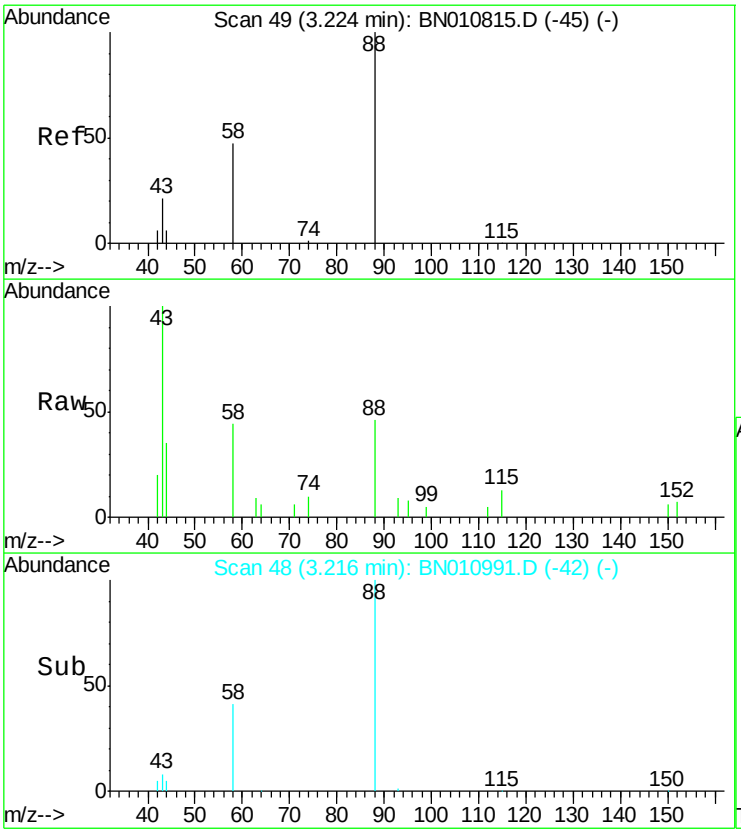
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.53 min Scan# 584
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:152 Resp: 2483

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.8	185.6
115	58.8	49.2	73.8

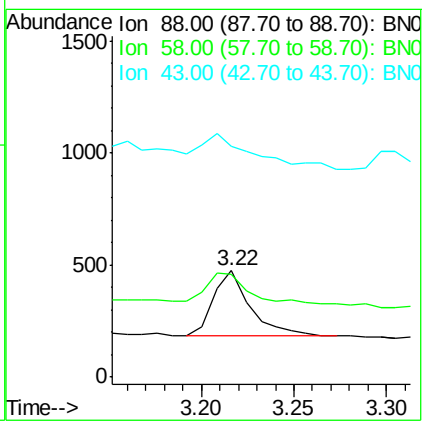


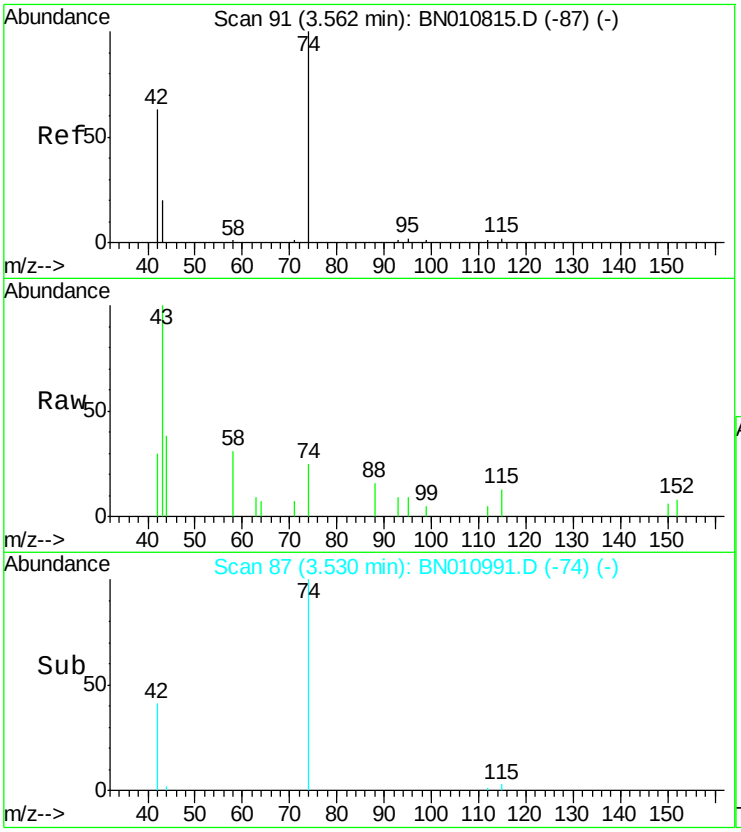


#2
1,4-Dioxane
Concen: 0.167 ng
RT: 3.22 min Scan# 48
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion: 88 Resp: 405

Ion	Ratio	Lower	Upper
88	100		
58	60.2	38.2	57.4#
43	76.5	15.1	22.7#



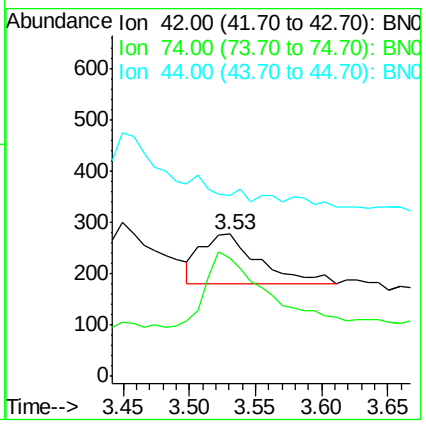


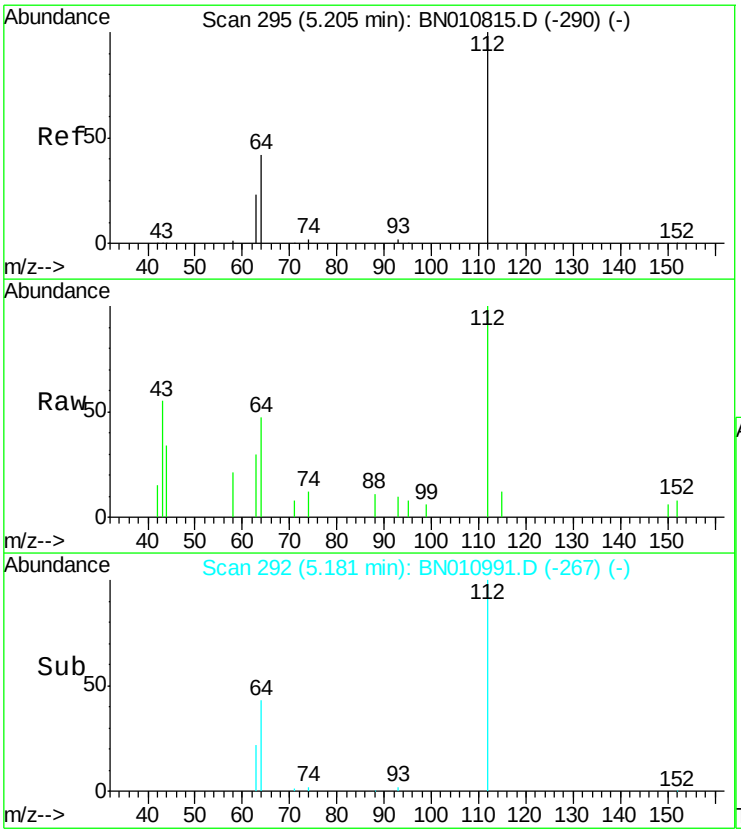
#3
n-Nitrosodimethylamine
Concen: 0.207 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion: 42 Resp: 292

Ion	Ratio	Lower	Upper
42	100		
74	157.2	140.7	211.1
44	0.0	1.4	2.2#

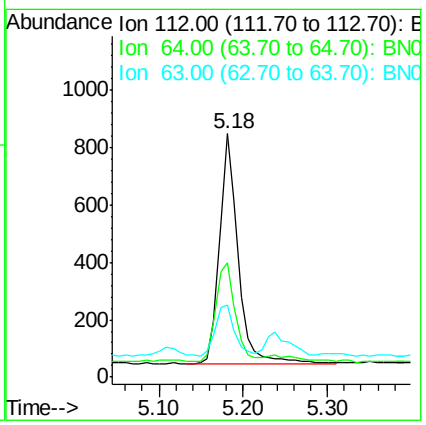


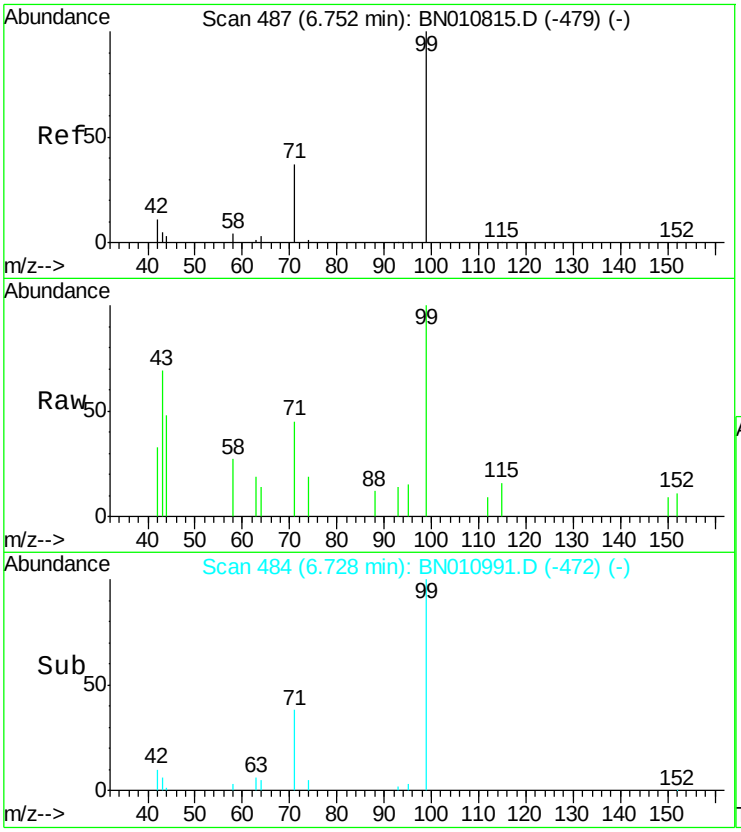


#4
2-Fluorophenol
Concen: 0.256 ng
RT: 5.18 min Scan# 292
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:112 Resp: 1226

Ion	Ratio	Lower	Upper
112	100		
64	44.4	37.4	56.0
63	22.8	22.2	33.4



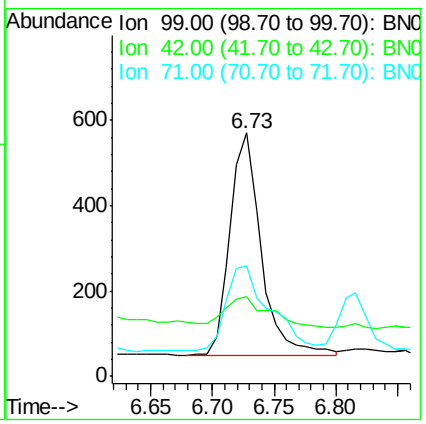


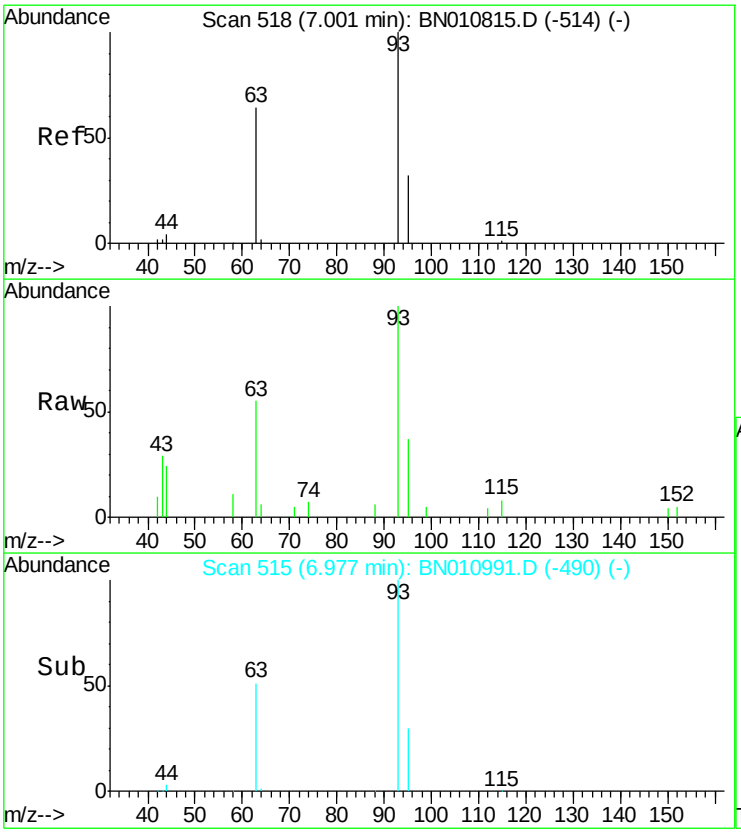
#5
Phenol-d6
Concen: 0.163 ng
RT: 6.73 min Scan# 484
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion: 99 Resp: 922

Ion	Ratio	Lower	Upper
99	100		
42	19.4	11.1	16.7#
71	53.1	31.4	47.2#

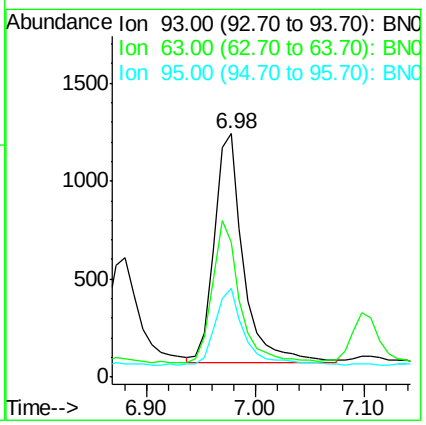


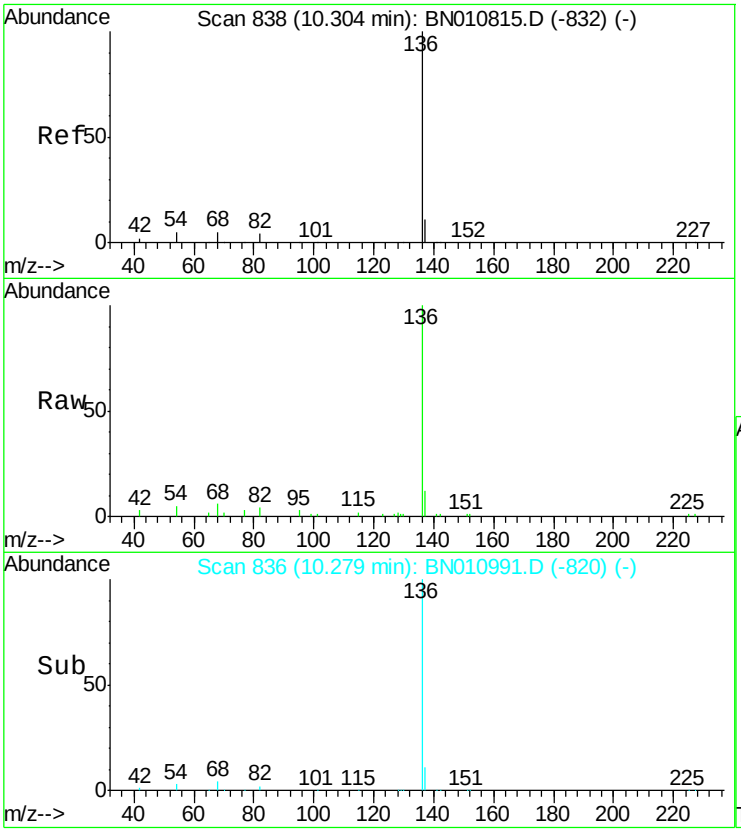


#6
bis(2-Chloroethyl)ether
Concen: 0.398 ng
RT: 6.98 min Scan# 515
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion: 93 Resp: 2190

Ion	Ratio	Lower	Upper
93	100		
63	57.7	49.4	74.2
95	33.1	26.7	40.1



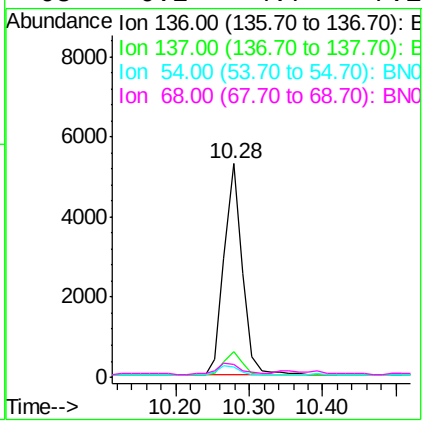


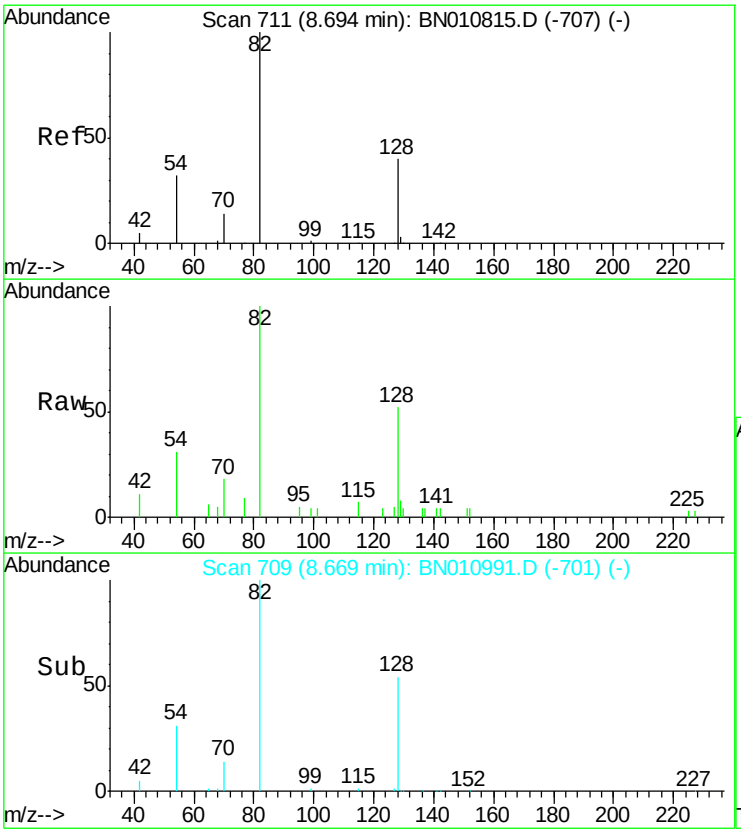
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.28 min Scan# 836
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:136 Resp: 9115

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.7	14.5
54	4.5	4.9	7.3#
68	6.2	4.7	7.1

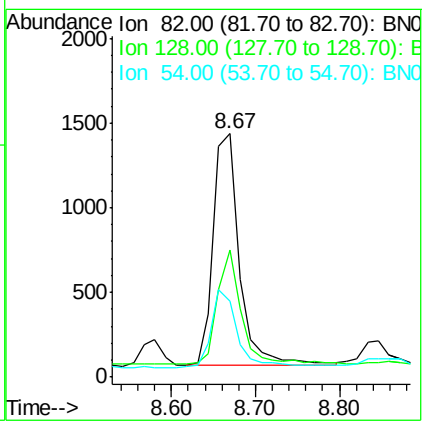


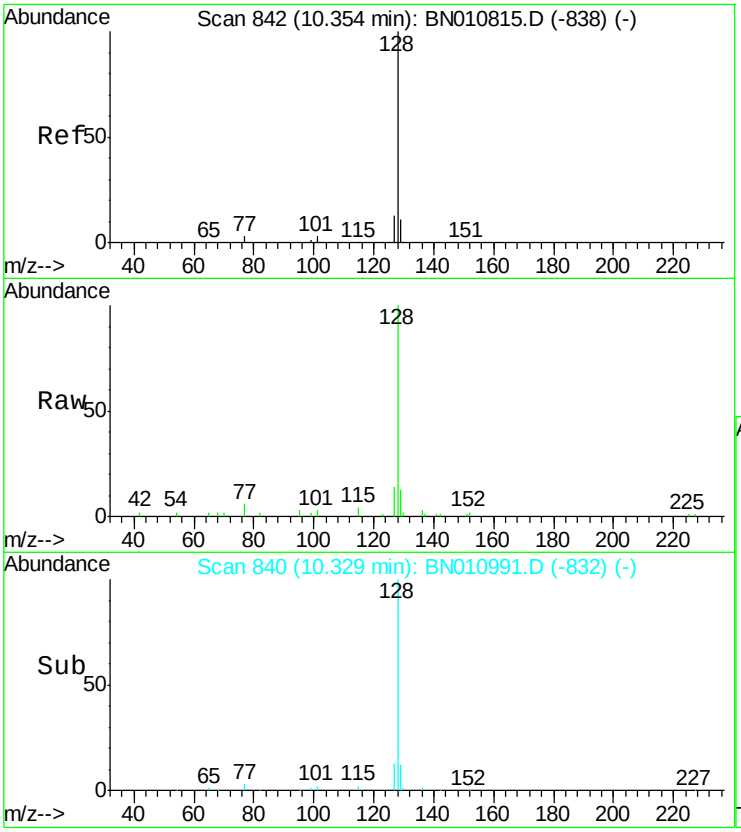


#8
Nitrobenzene-d5
Concen: 0.442 ng
RT: 8.67 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion: 82 Resp: 2979

Ion	Ratio	Lower	Upper
82	100		
128	52.3	35.4	53.0
54	31.0	28.2	42.4



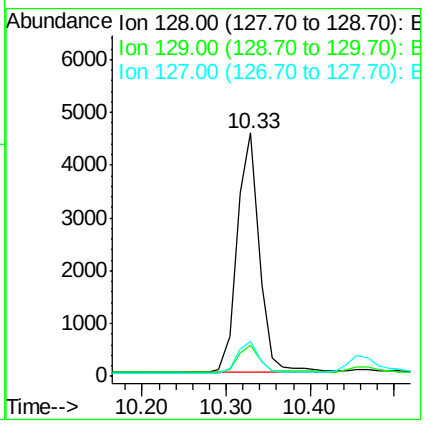


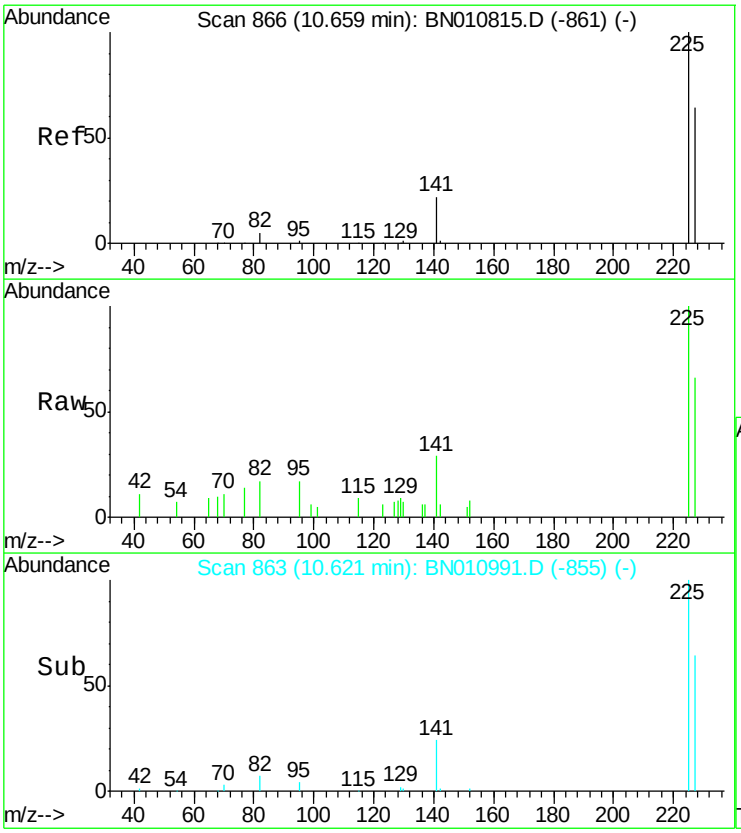
#9
Naphthalene
Concen: 0.362 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:128 Resp: 8289

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.6	14.4
127	14.2	11.4	17.2

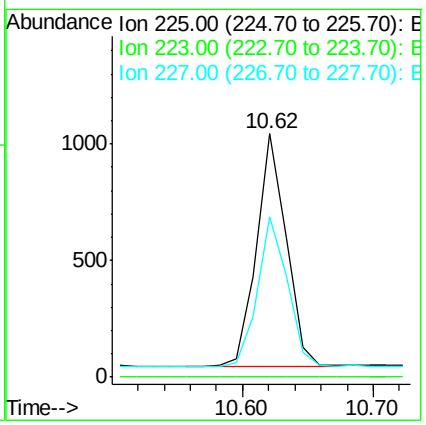


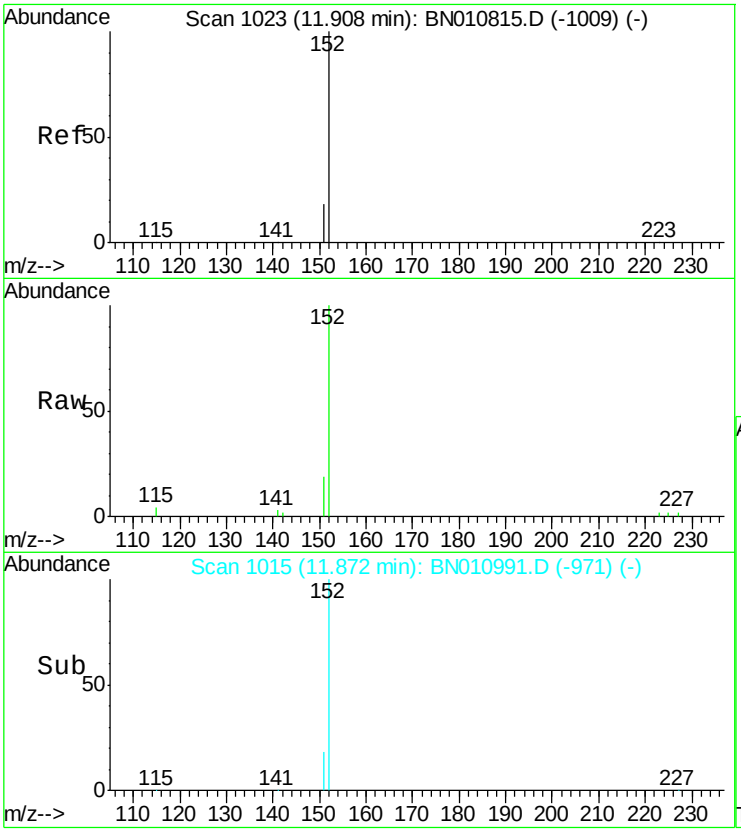


#10
Hexachlorobutadiene
Concen: 0.276 ng
RT: 10.62 min Scan# 863
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:225 Resp: 1561

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	50.5	75.7



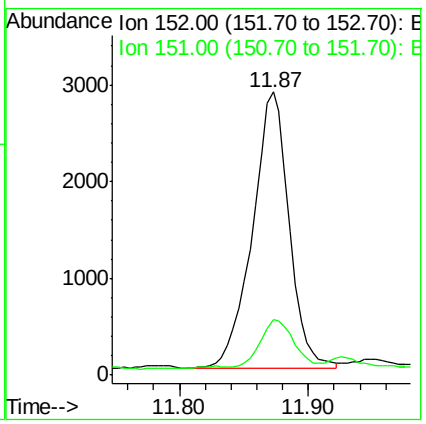


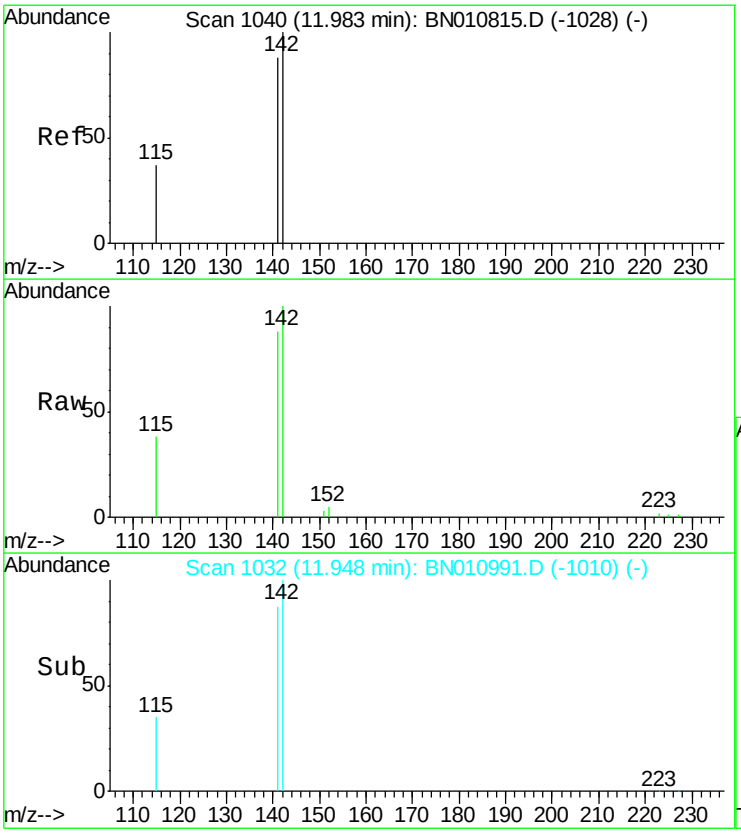
#11
2-Methylnaphthalene-d10
Concen: 0.400 ng
RT: 11.87 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:152 Resp: 5662

Ion	Ratio	Lower	Upper
152	100		
151	16.4	15.3	22.9

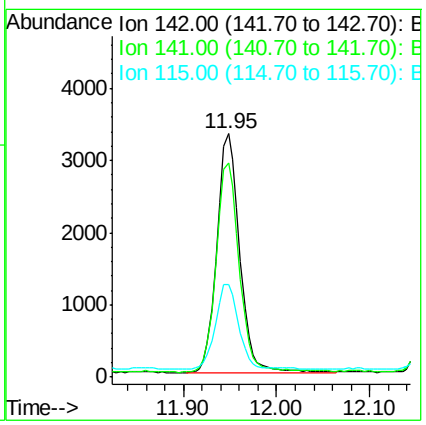


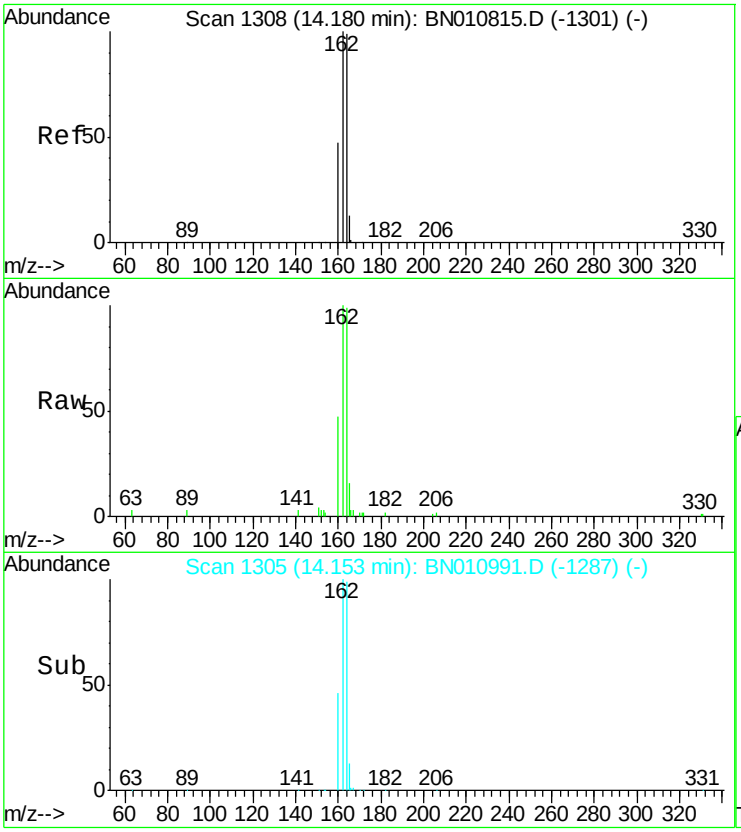


#12
2-Methylnaphthalene
Concen: 0.366 ng
RT: 11.95 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:142 Resp: 5617

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	38.2	31.5	47.3



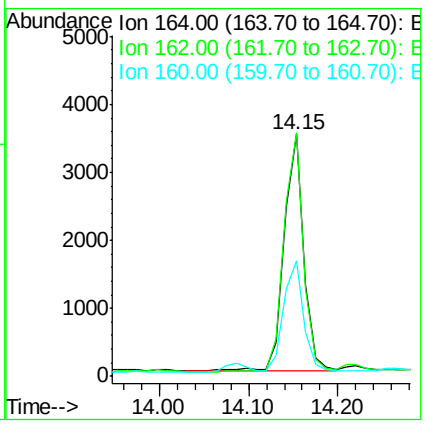


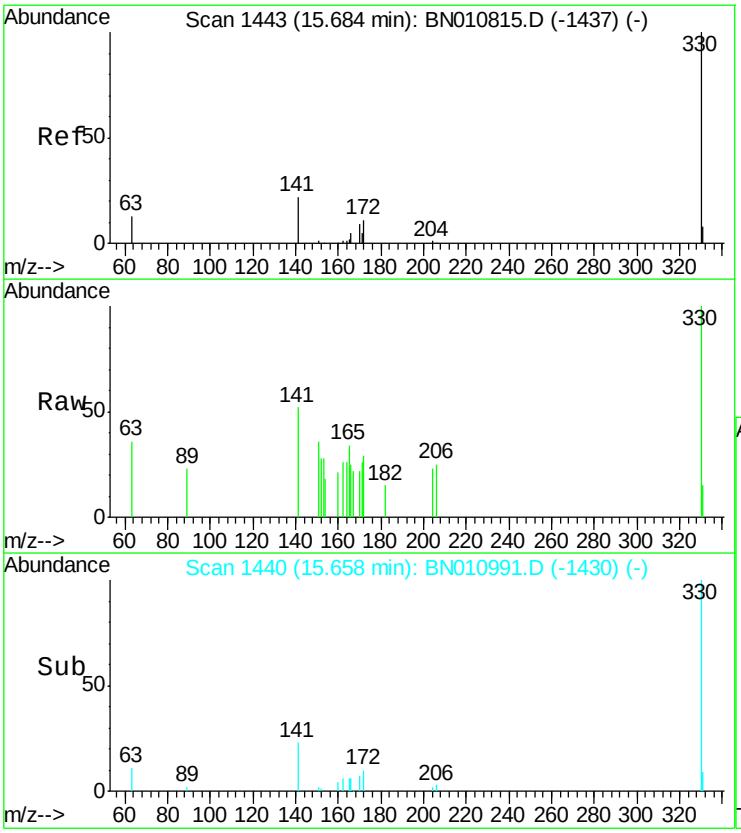
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.15 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:164 Resp: 5367

Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.6
160	47.8	38.9	58.3

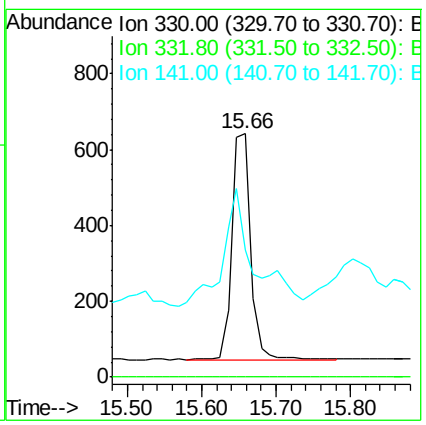


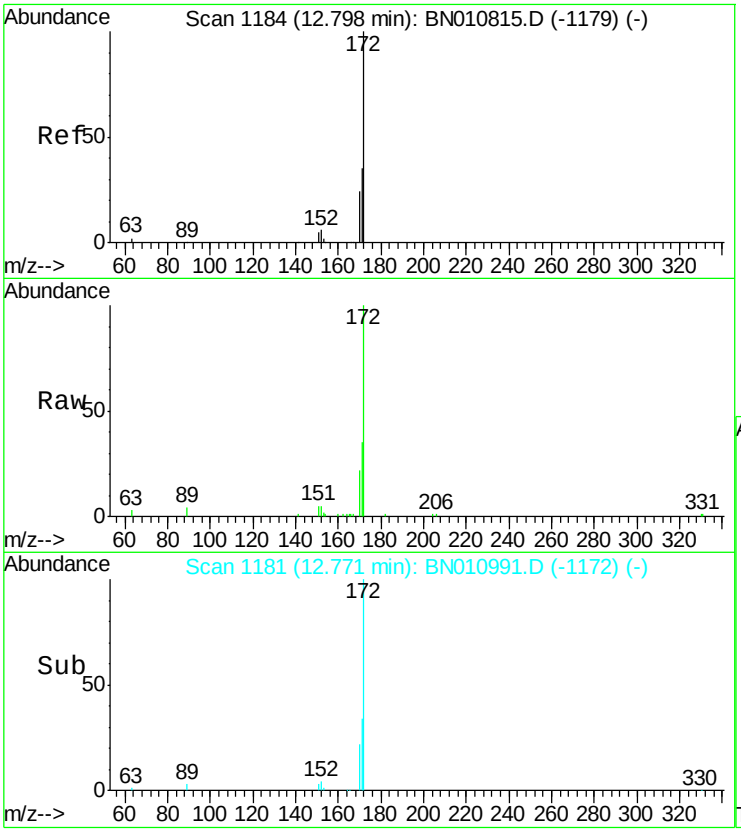


#14
2,4,6-Tribromophenol
Concen: 0.543 ng
RT: 15.66 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:330 Resp: 1043

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	66.6	33.2	49.8#



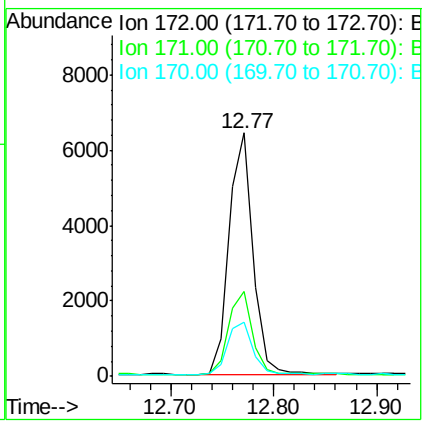


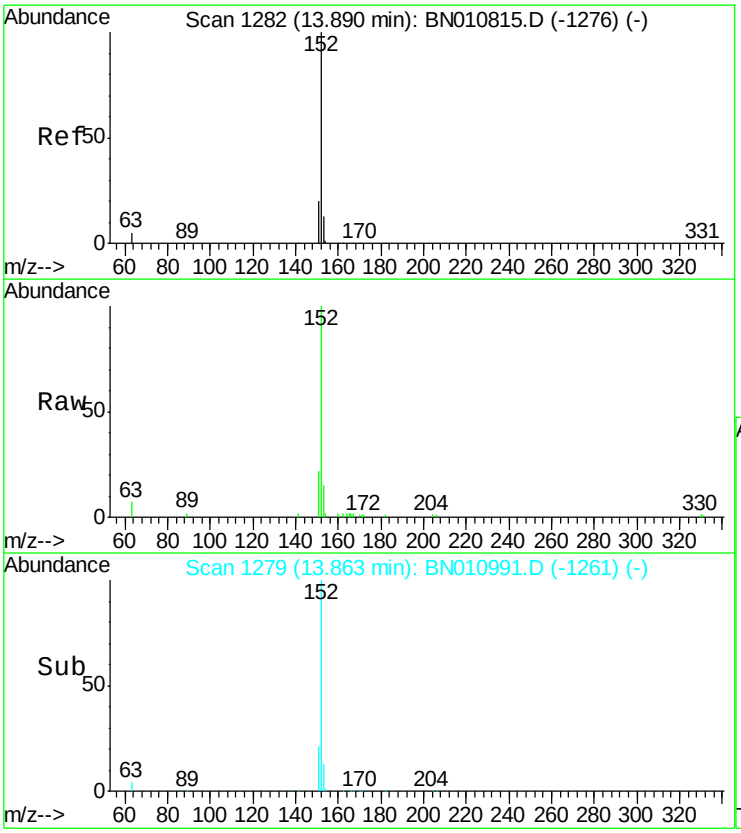
#15
2-Fluorobiphenyl
Concen: 0.486 ng
RT: 12.77 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:172 Resp: 10299

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.5	42.7
170	22.2	19.7	29.5

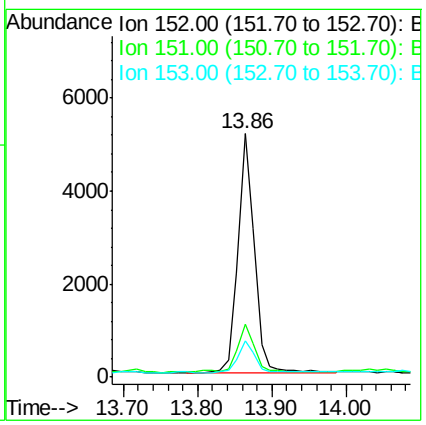


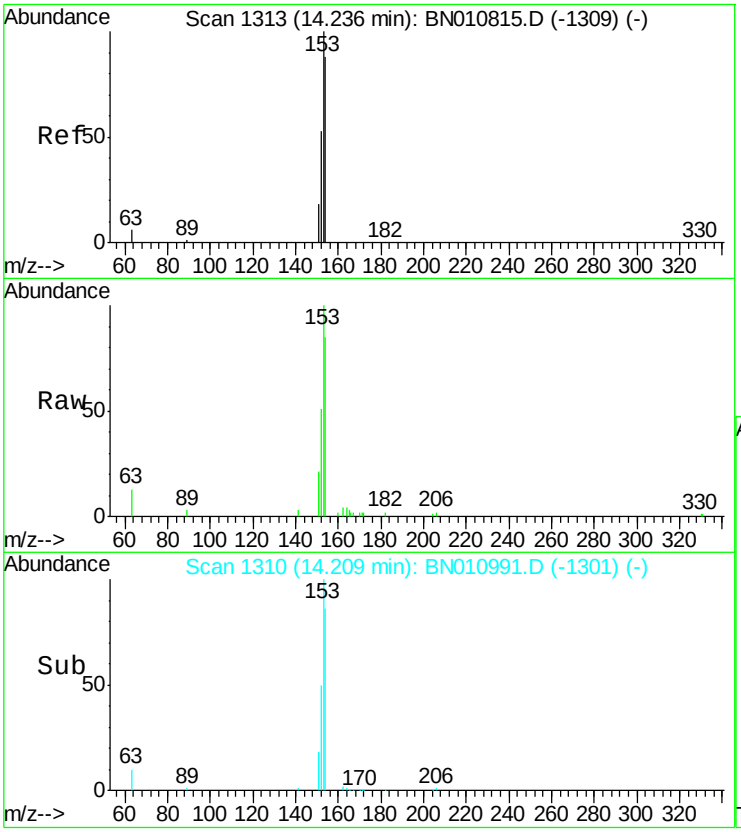


#16
Acenaphthylene
Concen: 0.360 ng
RT: 13.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:152 Resp: 7920

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.6	23.4
153	13.2	10.6	16.0



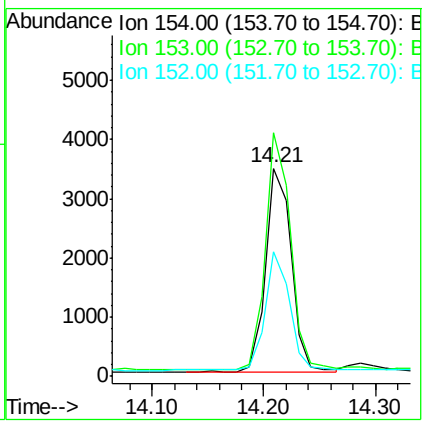


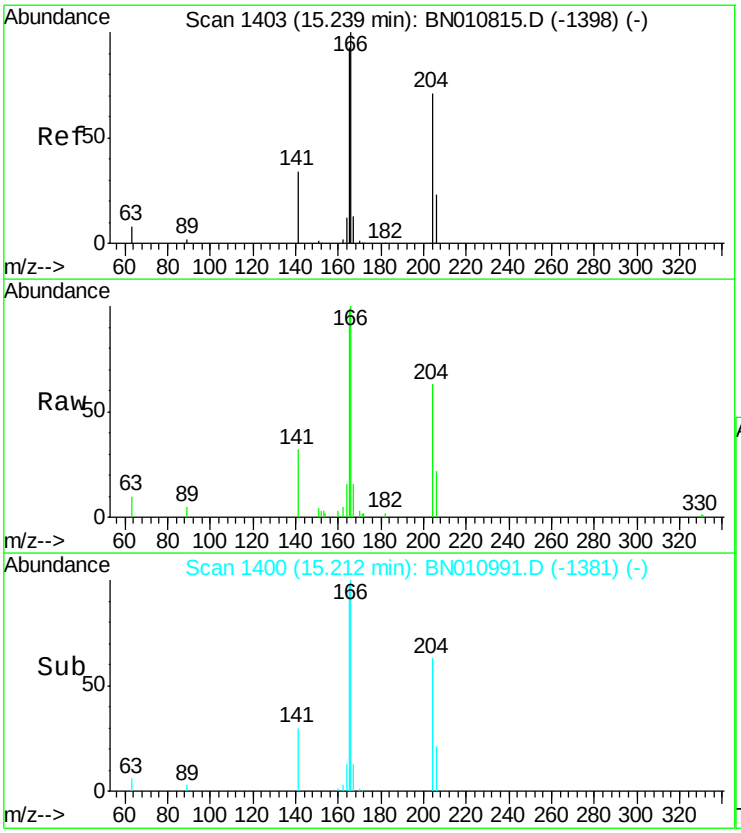
#17
Acenaphthene
Concen: 0.367 ng
RT: 14.21 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:154 Resp: 5500

Ion	Ratio	Lower	Upper
154	100		
153	114.9	91.8	137.6
152	54.9	47.6	71.4

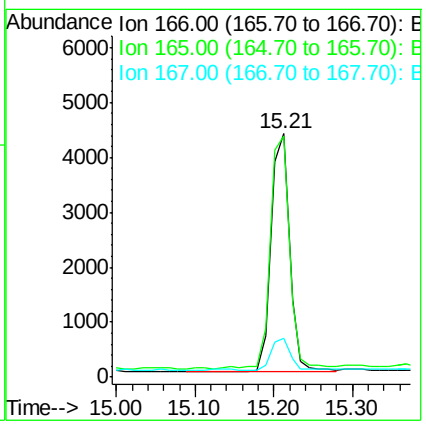


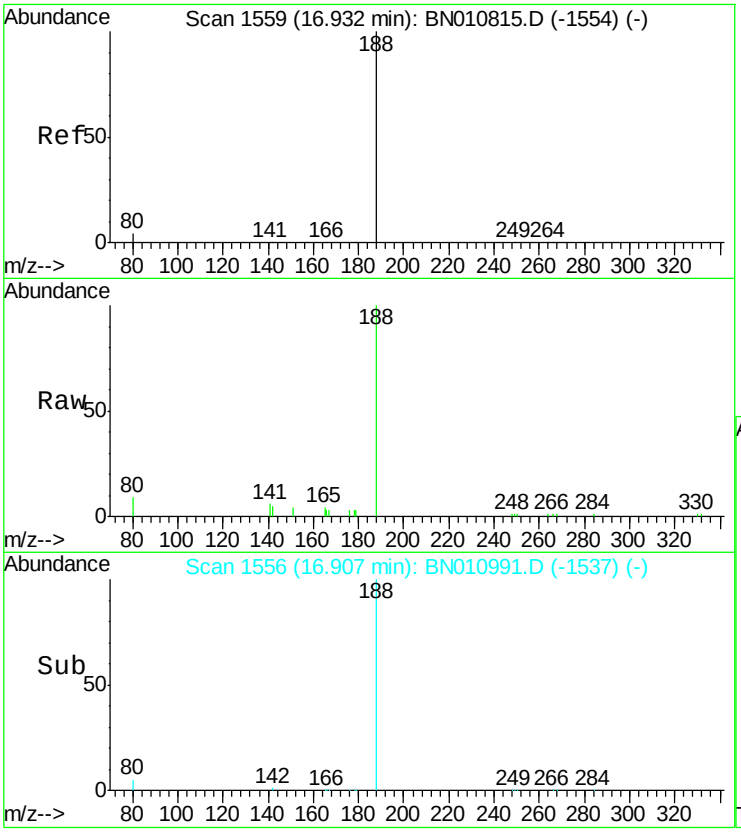


#18
Fluorene
Concen: 0.371 ng
RT: 15.21 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:166 Resp: 7174

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.2	115.8
167	14.2	10.7	16.1



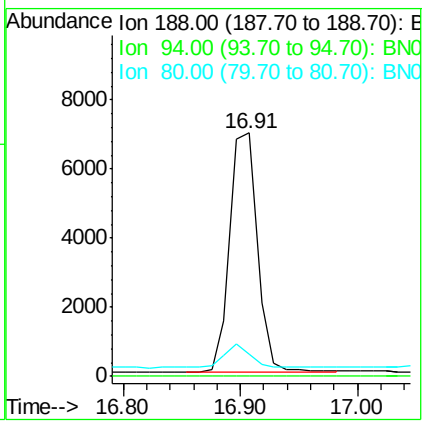


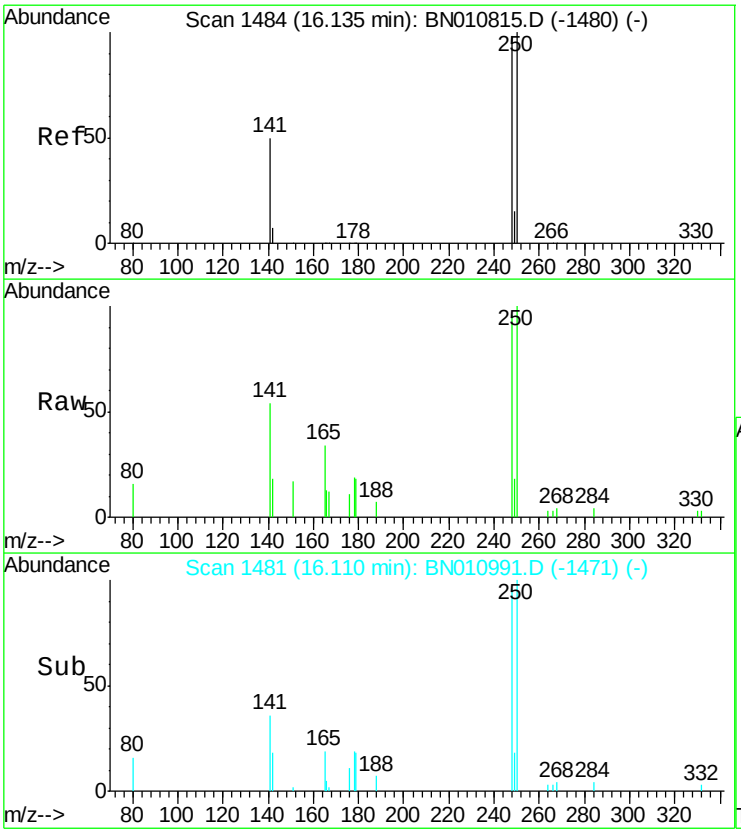
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.91 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:188 Resp: 11280

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	4.5	6.7#

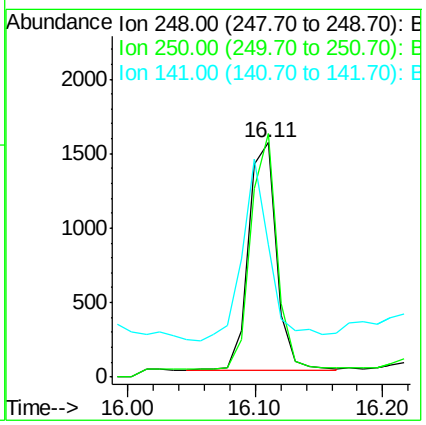


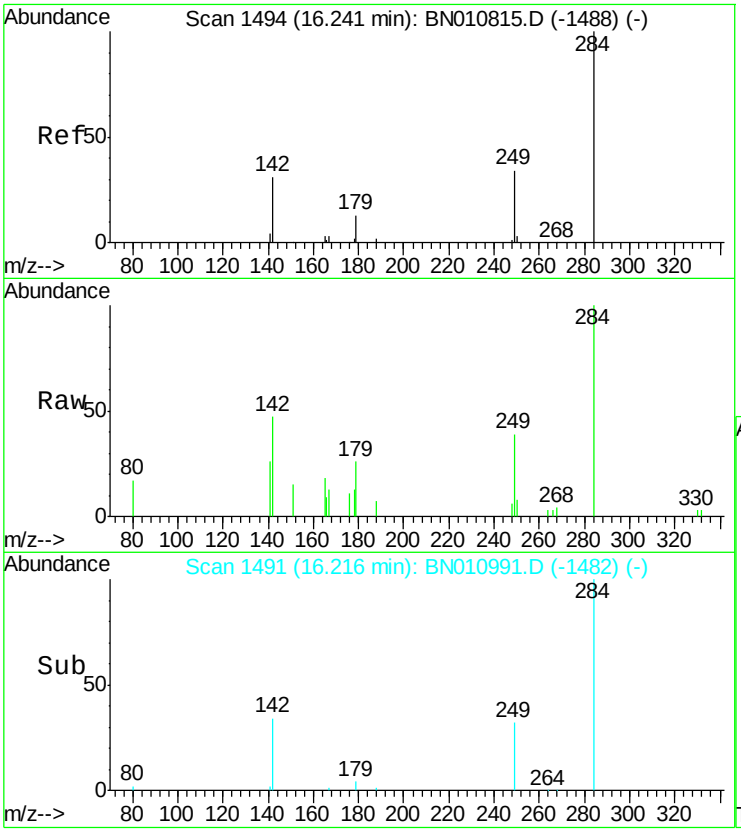


#20
4-Bromophenyl-phenylether
Concen: 0.342 ng
RT: 16.11 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:248 Resp: 2316

Ion	Ratio	Lower	Upper
248	100		
250	103.9	81.8	122.8
141	56.3	42.6	64.0



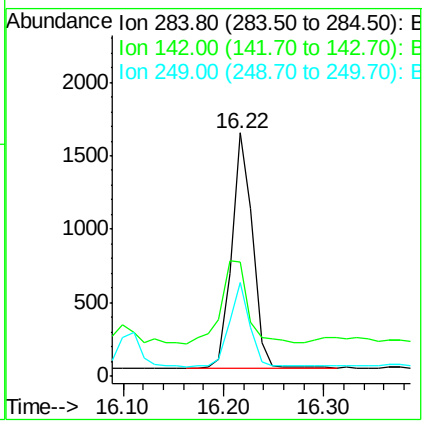


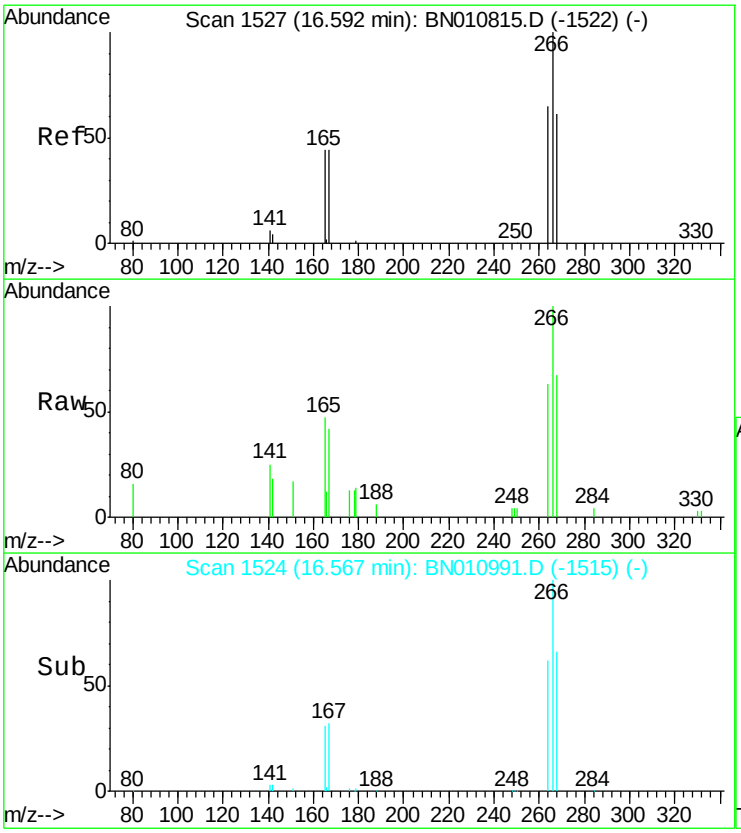
#21
Hexachlorobenzene
Concen: 0.328 ng
RT: 16.22 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:284 Resp: 2318

Ion	Ratio	Lower	Upper
284	100		
142	46.8	31.0	46.4#
249	34.5	27.1	40.7

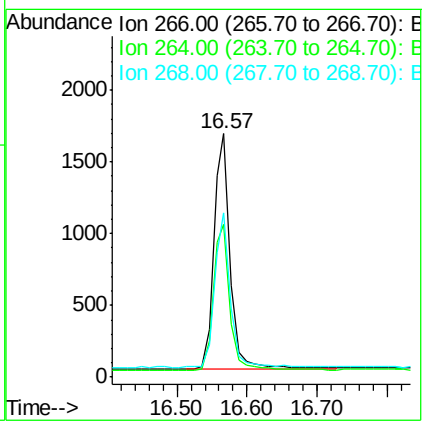


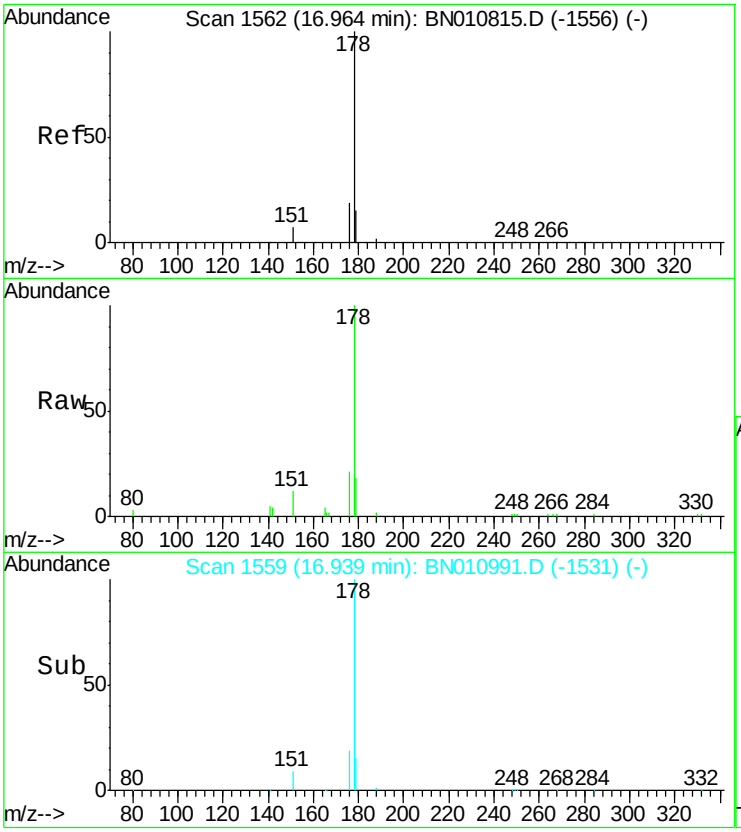


#22
Pentachlorophenol
Concen: 1.121 ng
RT: 16.57 min Scan# 1524
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:266 Resp: 2660

Ion	Ratio	Lower	Upper
266	100		
264	63.0	54.8	82.2
268	67.5	55.9	83.9



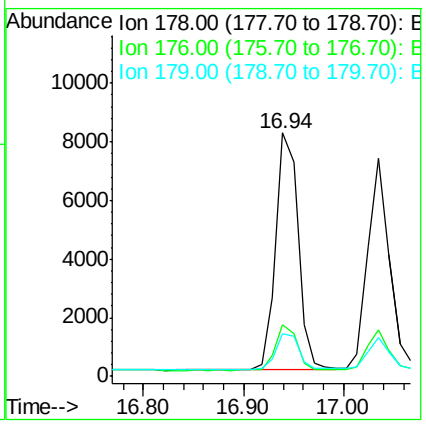


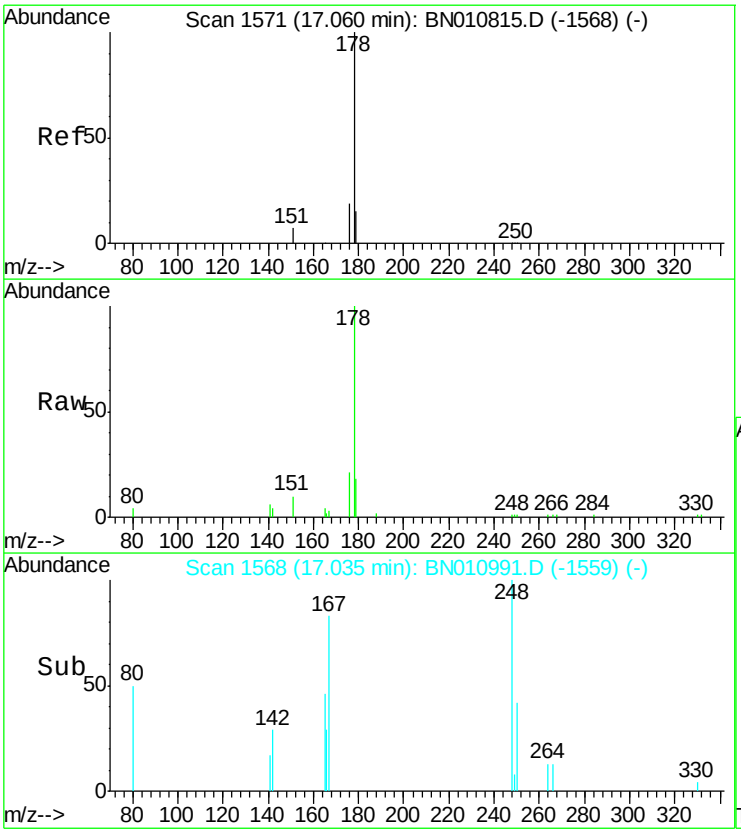
#23
Phenanthrene
Concen: 0.413 ng
RT: 16.94 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:178 Resp: 12710

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	16.6	12.6	19.0

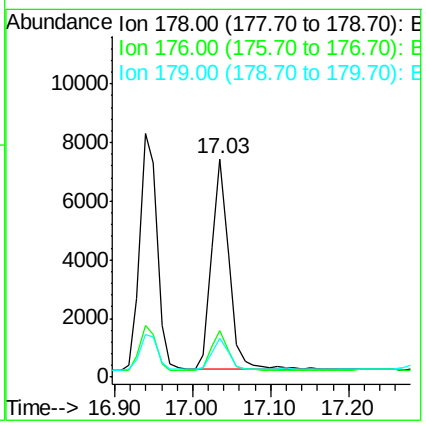


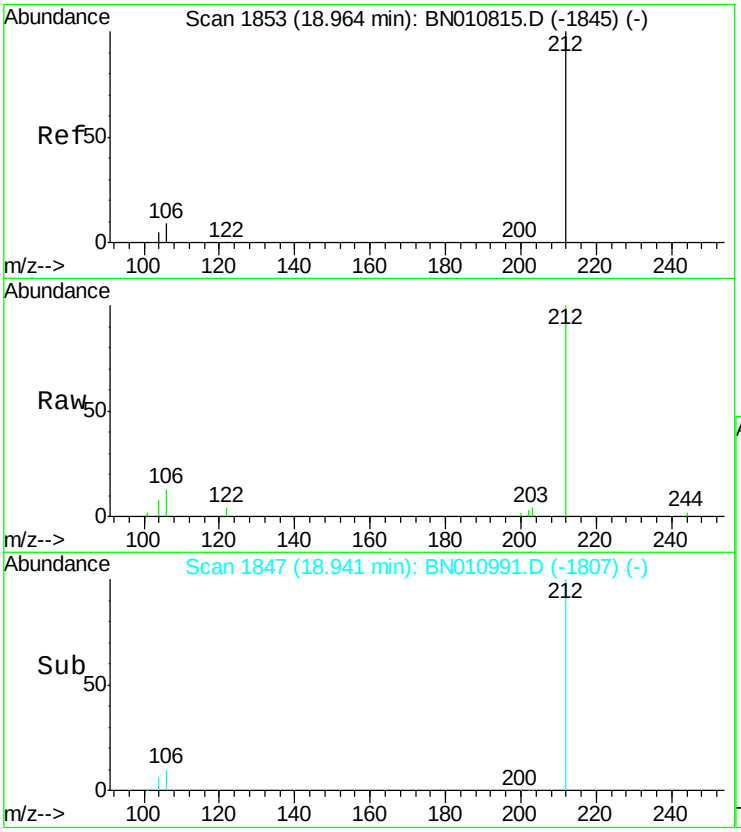


#24
Anthracene
Concen: 0.432 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:178 Resp: 11123

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.6	22.0
179	14.9	12.3	18.5



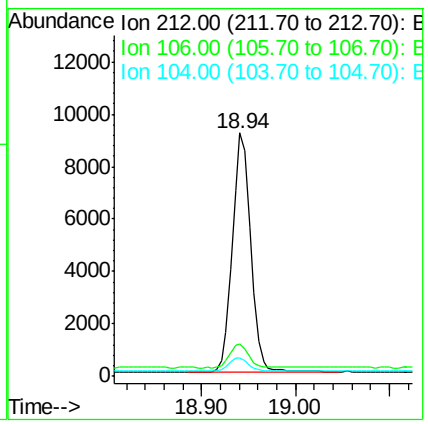


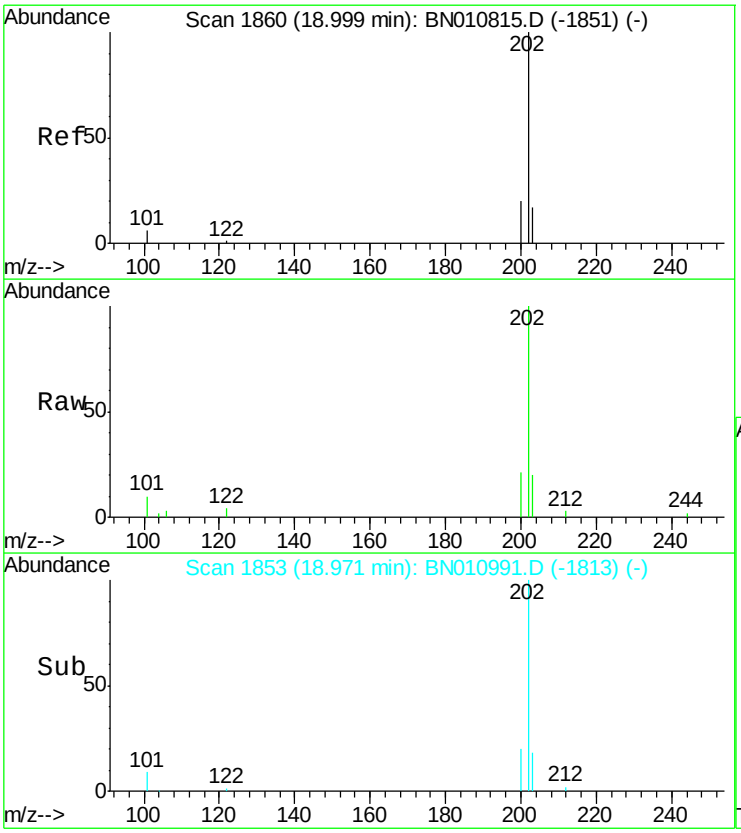
#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.94 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:212 Resp: 12361

Ion	Ratio	Lower	Upper
212	100		
106	10.5	6.6	10.0#
104	5.8	4.0	6.0

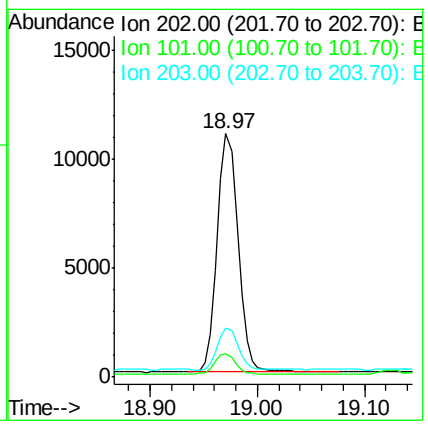


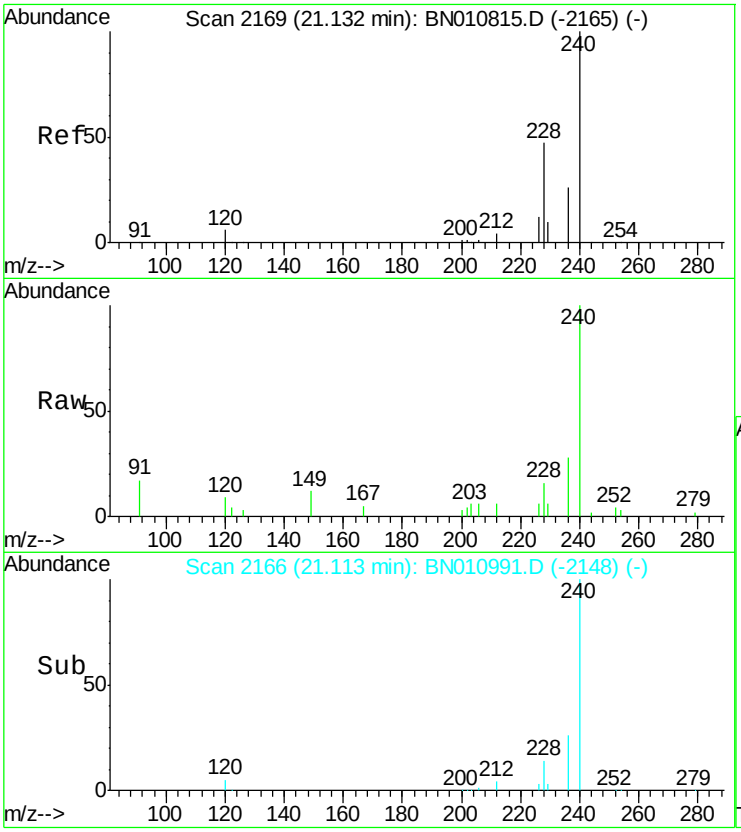


#26
Fluoranthene
Concen: 0.428 ng
RT: 18.97 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:202 Resp: 14956

Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.8	8.6#
203	17.3	13.7	20.5



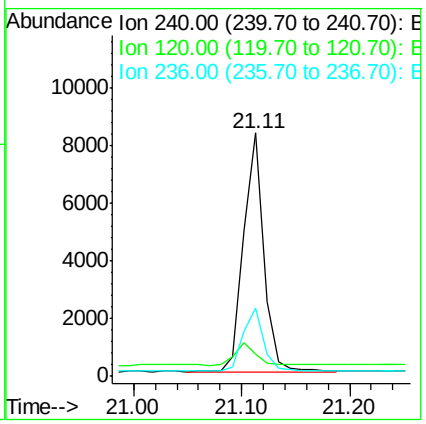


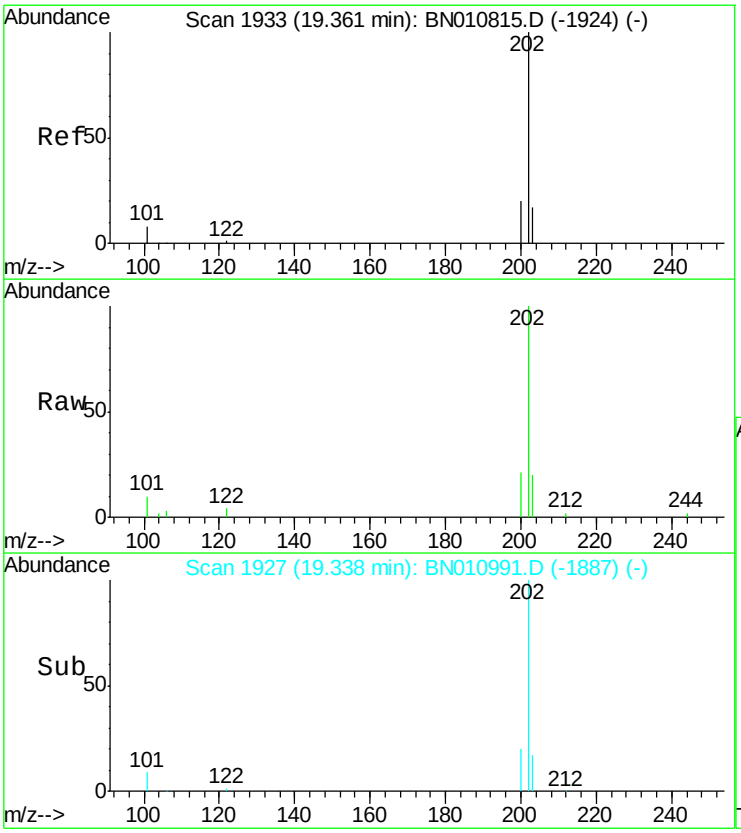
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.11 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:240 Resp: 10702

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.5	11.3
236	27.8	22.3	33.5

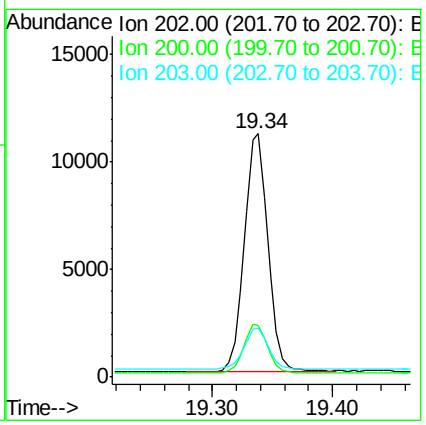


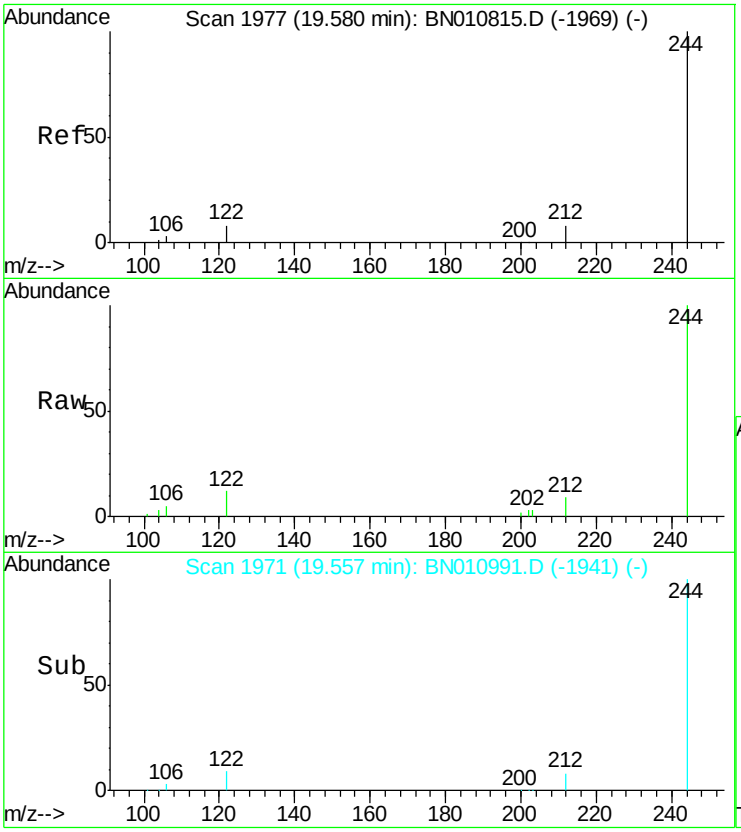


#28
Pyrene
Concen: 0.427 ng
RT: 19.34 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:202 Resp: 15123

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.4	24.6
203	17.9	14.2	21.4



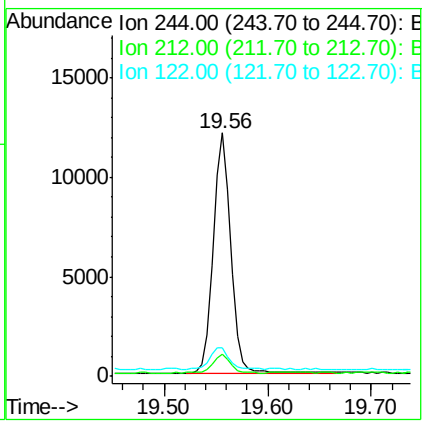


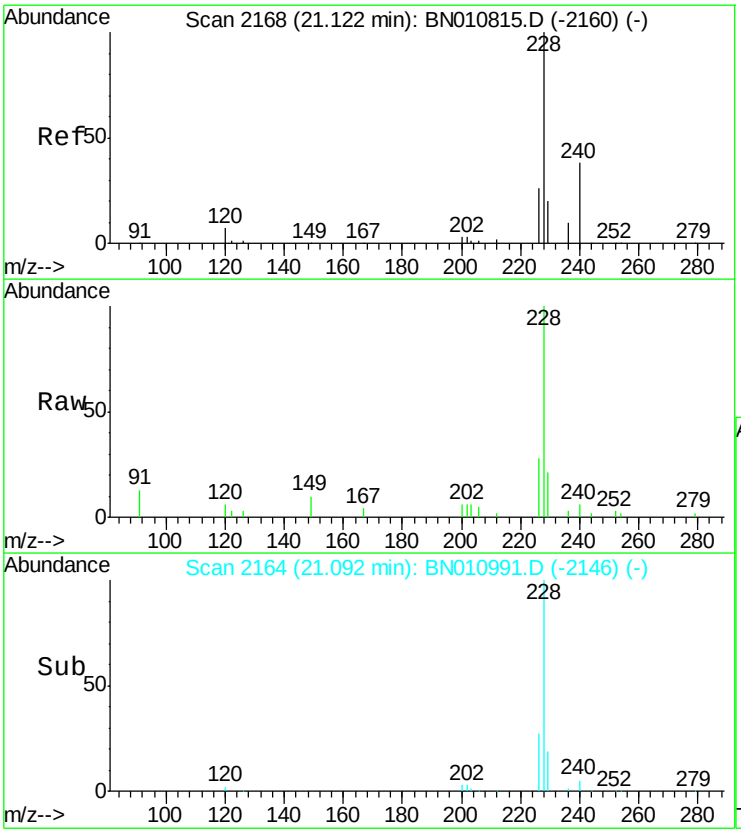
#29
Terphenyl-d14
Concen: 0.564 ng
RT: 19.56 min Scan# 1971
Delta R.T. -0.00 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:244 Resp: 14127

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.4	11.2
122	11.6	7.5	11.3#

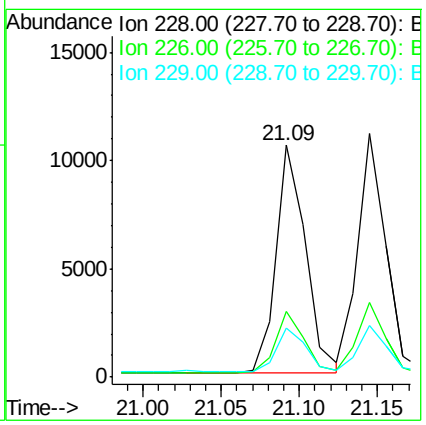


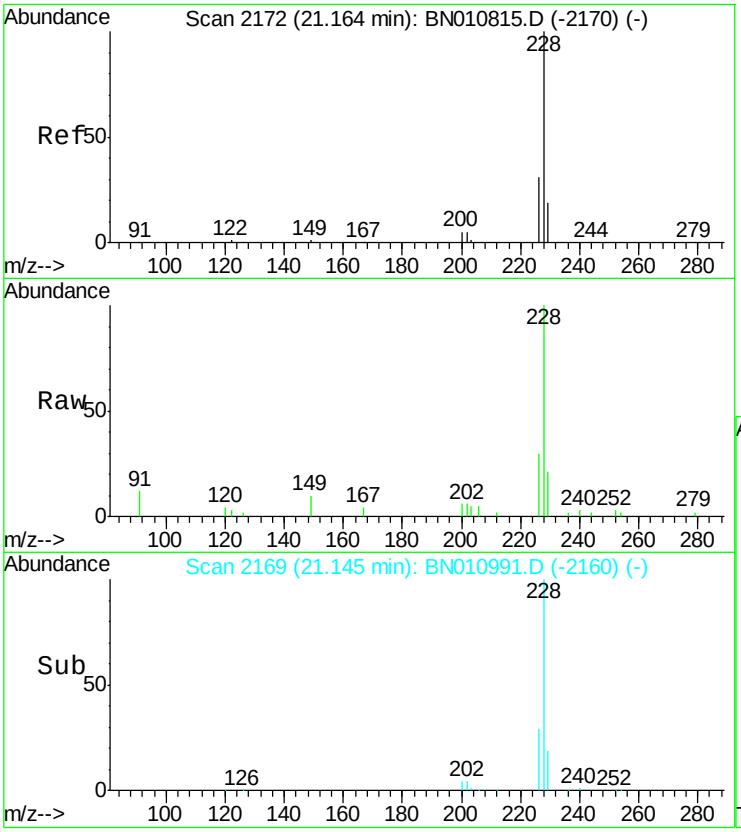


#30
Benzo(a)anthracene
Concen: 0.438 ng
RT: 21.09 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:228 Resp: 13781

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.3	31.9
229	21.2	16.6	24.8



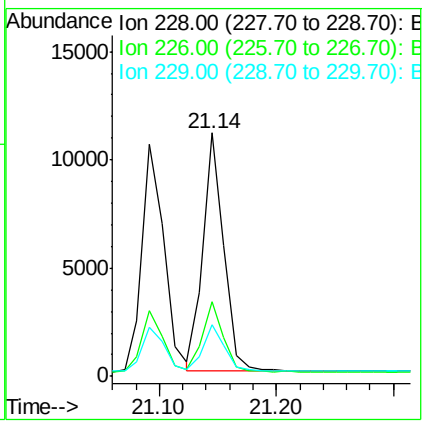


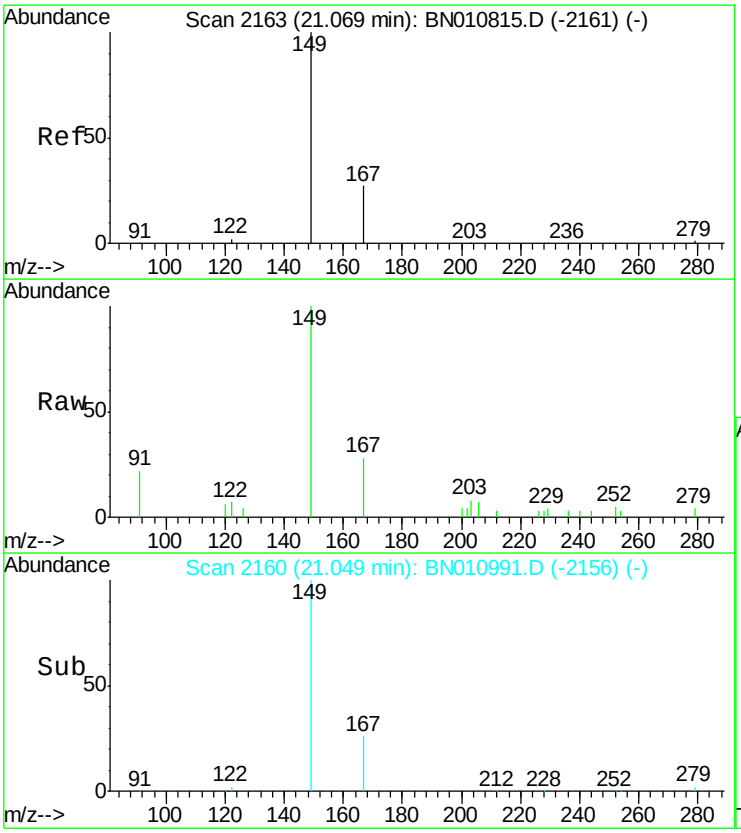
#31
Chrysene
Concen: 0.375 ng
RT: 21.14 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:228 Resp: 13755

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.1	16.1	24.1

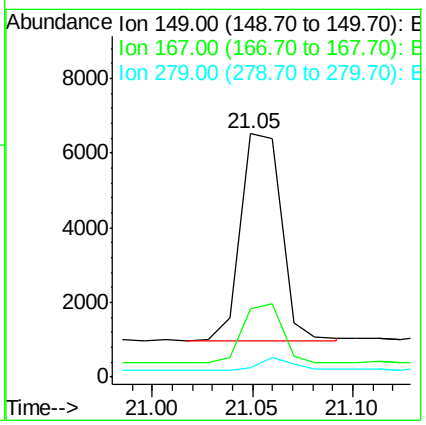


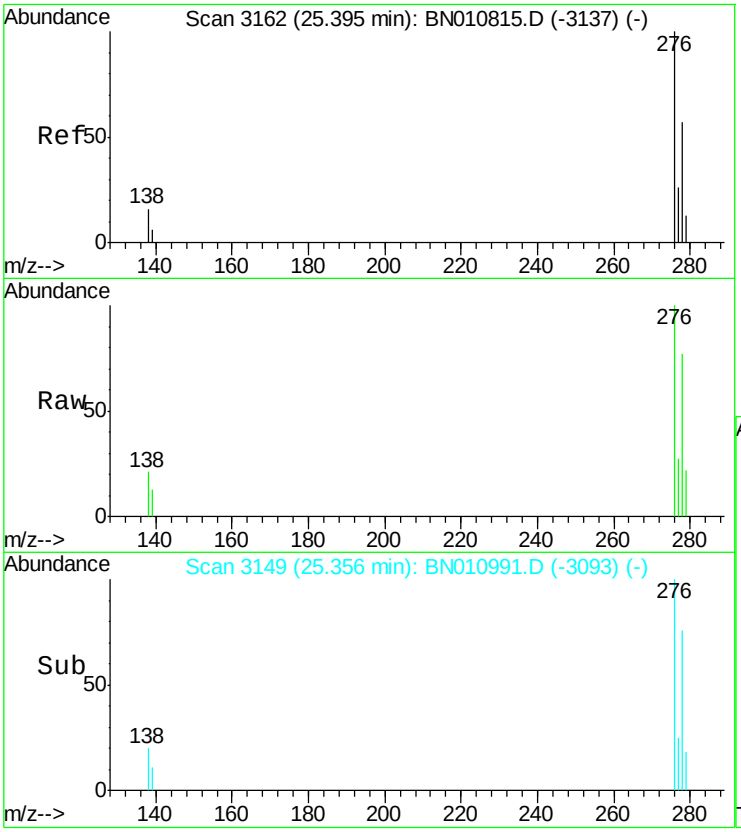


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.743 ng
RT: 21.05 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:149 Resp: 7789

Ion	Ratio	Lower	Upper
149	100		
167	27.8	24.1	36.1
279	5.2	4.6	7.0



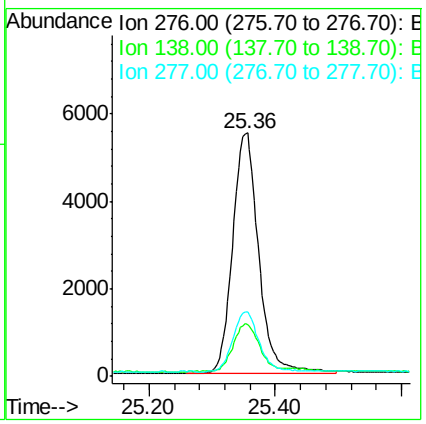


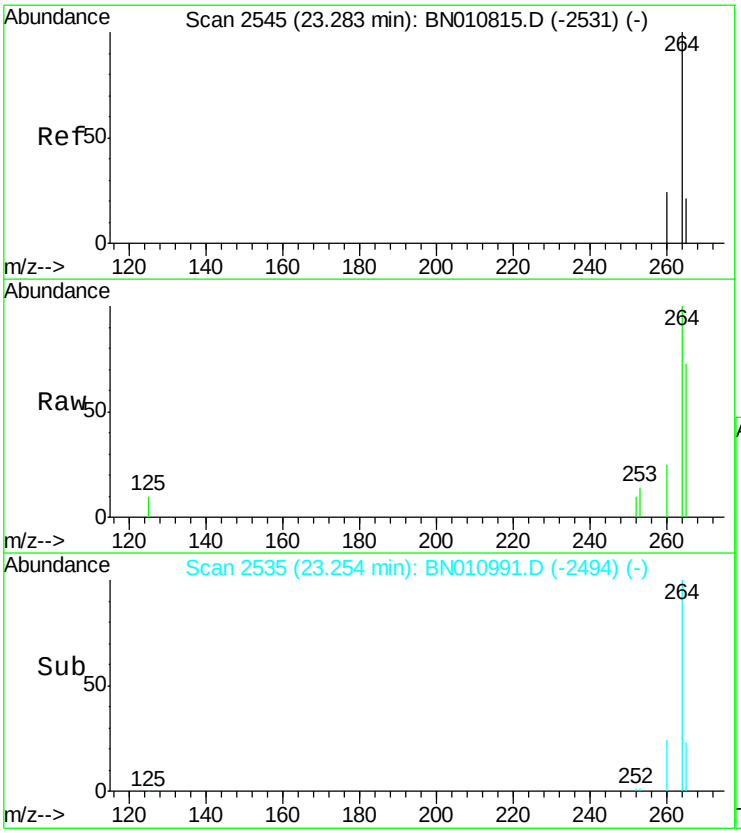
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.382 ng
RT: 25.36 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:276 Resp: 15639

Ion	Ratio	Lower	Upper
276	100		
138	20.1	13.0	19.6#
277	25.1	19.7	29.5

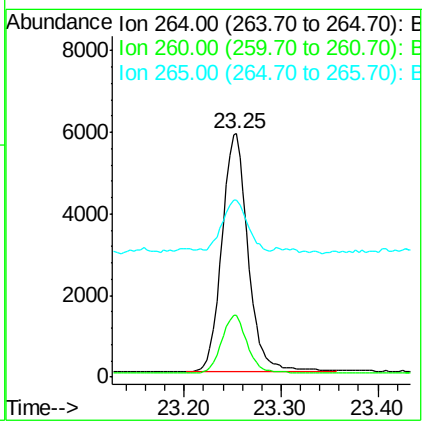


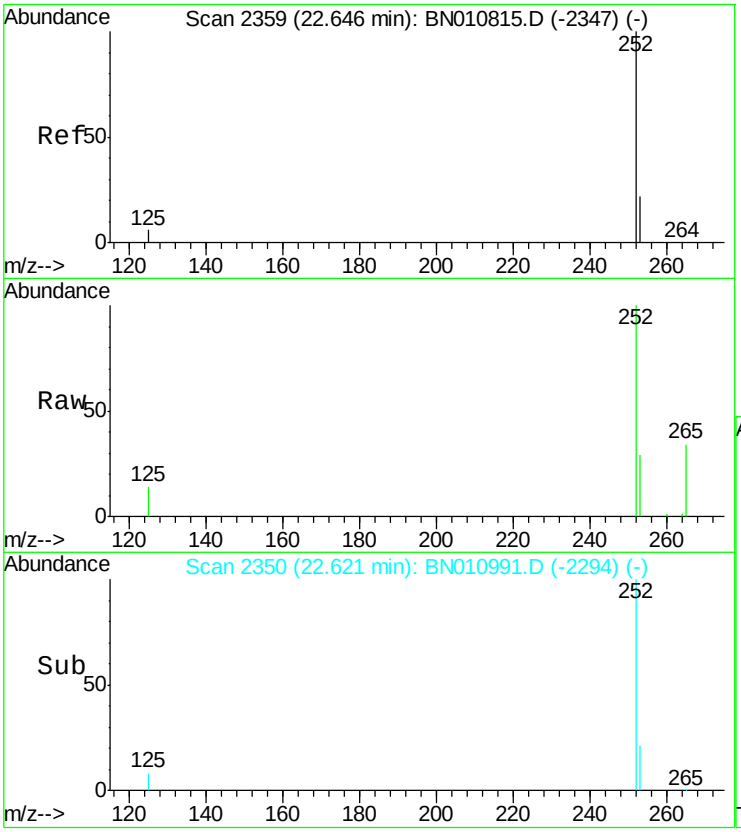


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.25 min Scan# 2535
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:264 Resp: 11003

Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.4	30.6
265	72.7	75.0	112.4#



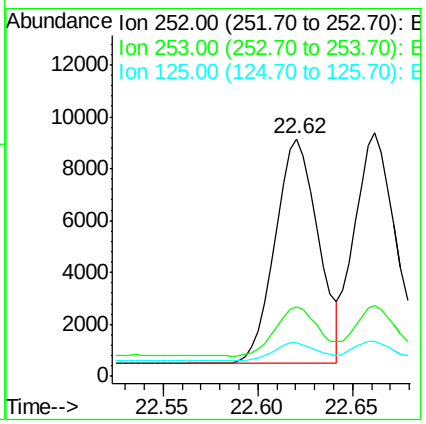


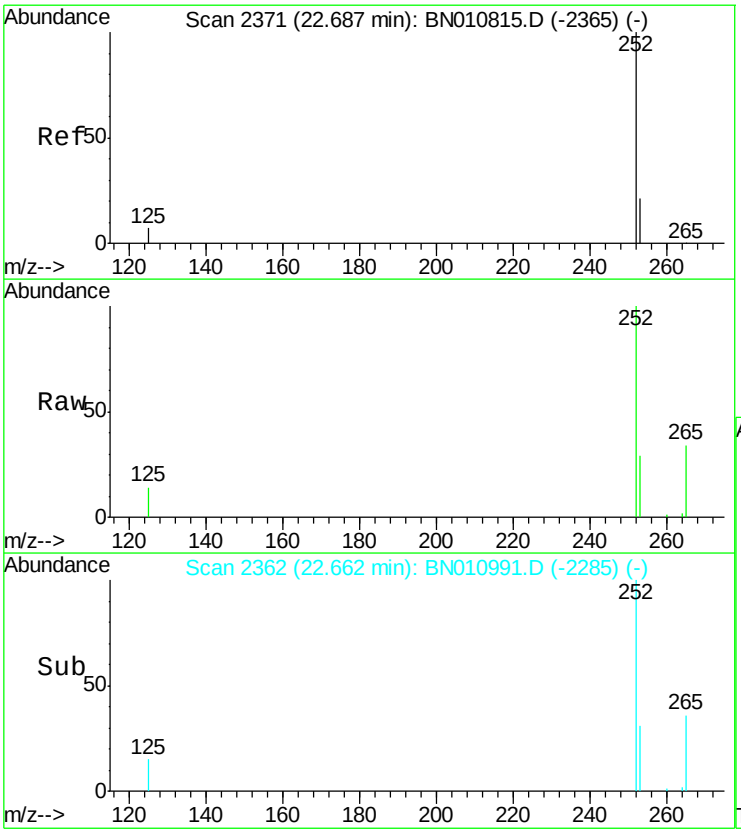
#35
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 22.62 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:252 Resp: 13603

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.4	33.6
125	14.2	9.4	14.0#

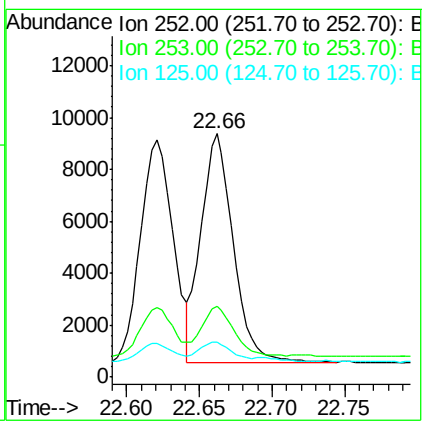


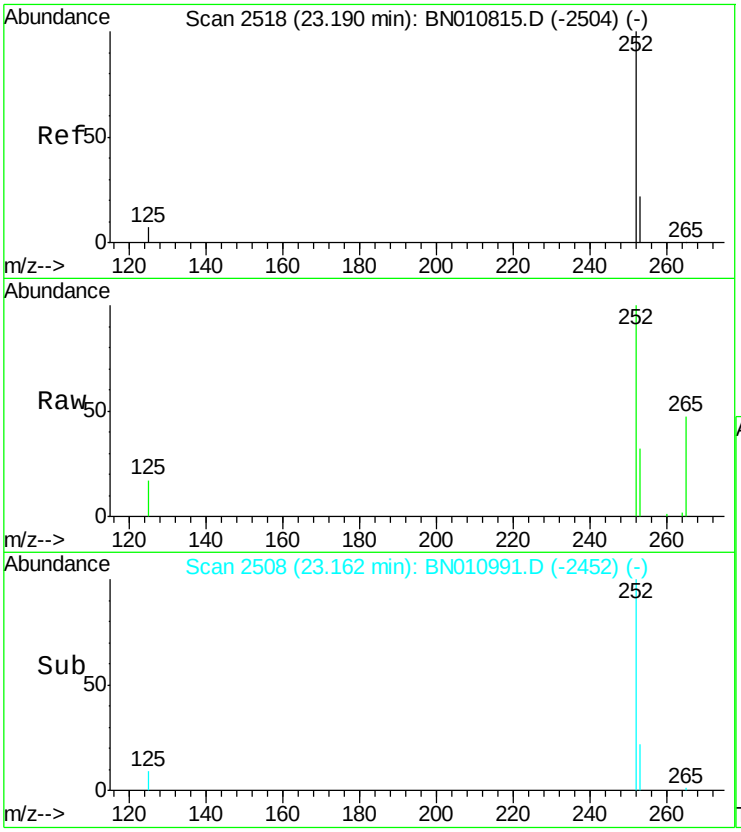


#36
Benzo(k)fluoranthene
Concen: 0.345 ng
RT: 22.66 min Scan# 2362
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:252 Resp: 13747

Ion	Ratio	Lower	Upper
252	100		
253	29.0	22.2	33.4
125	14.3	9.8	14.8



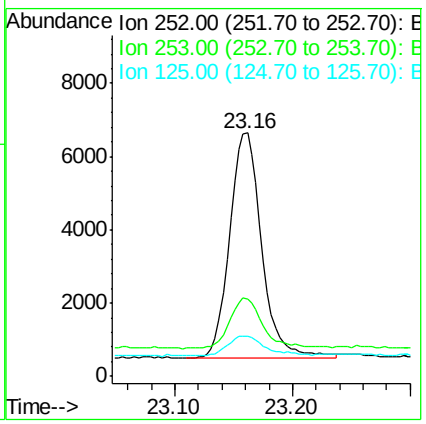


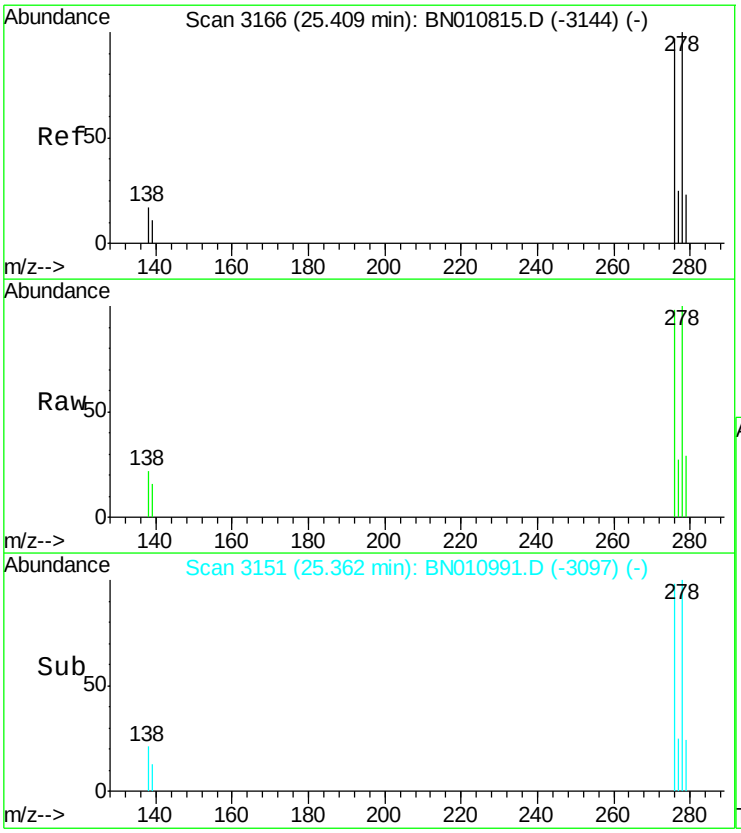
#37
Benzo(a)pyrene
Concen: 0.362 ng
RT: 23.16 min Scan# 2508
Delta R.T. -0.01 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:252 Resp: 11607

Ion	Ratio	Lower	Upper
252	100		
253	31.6	25.8	38.8
125	16.7	12.4	18.6

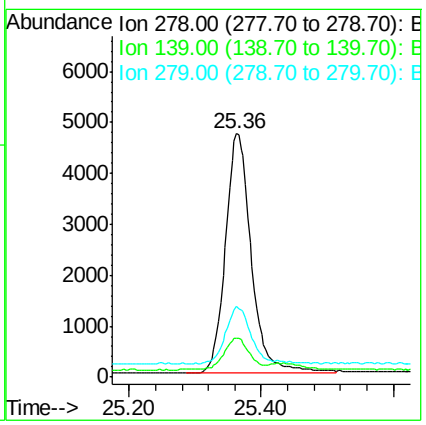


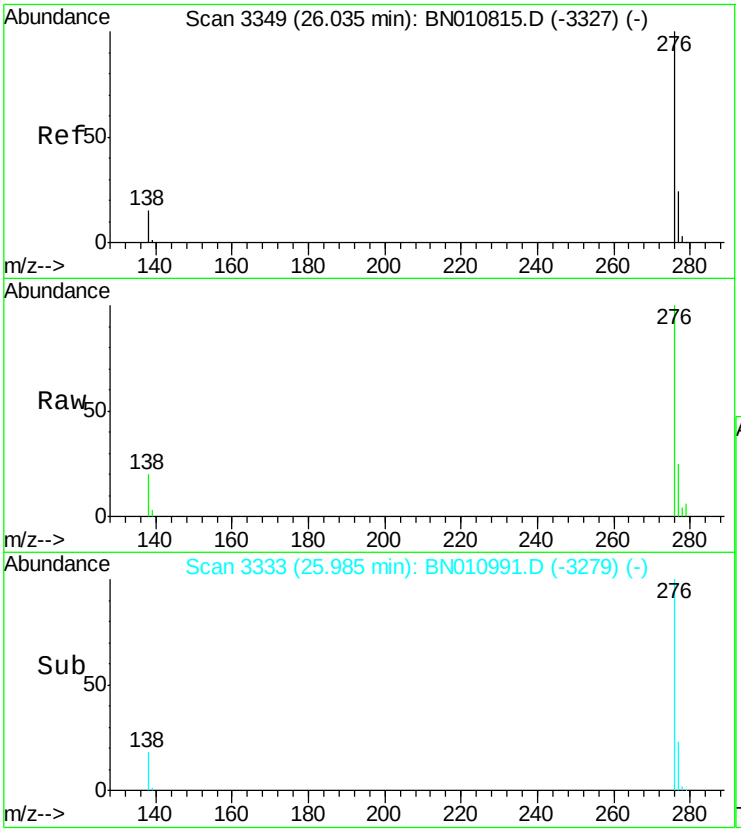


#38
Dibenzo(a,h)anthracene
Concen: 0.352 ng
RT: 25.36 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Tgt Ion:278 Resp: 12896

Ion	Ratio	Lower	Upper
278	100		
139	15.9	10.6	15.8#
279	29.1	23.6	35.4





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 25.99 min Scan# 3333
Delta R.T. -0.02 min
Lab File: BN010991.D
Acq: 20 Jun 2020 06:11

Instrument :
BNA_N
ClientSampleId :
MW-23MSD

Tgt Ion:276 Resp: 13849

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.5	30.7
138	20.2	13.7	20.5