Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011227.D
Acq On : 22 Jul 2020 20:49
Operator : CG/JU
Sample : PB130401BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130401BSD

Quant Time: Jul 23 03:56:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	1466	0.40	ng		0.00
7) Naphthalene-d8	10.24	136	5082	0.40	ng		0.00
13) Acenaphthene-d10	14.12	164	2947	0.40	ng		0.00
19) Phenanthrene-d10	16.87	188	6297	0.40	ng		0.00
29) Chrysene-d12	21.09	240	4767	0.40	ng		-0.01
36) Perylene-d12	23.23	264	4468	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.15	112	1297	0.36	ng		0.00
5) Phenol-d6	6.69	99	1481	0.36	ng		0.00
8) Nitrobenzene-d5	8.63	82	1838	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.84	152	2916	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.63	330	392	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.73	172	5372	0.39	ng		0.00
27) Fluoranthene-d10	18.92	212	5724	0.29	ng		0.00
31) Terphenyl-d14	19.54	244	5799	0.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	468	0.223	ng	#	42
3) n-Nitrosodimethylamine	3.51	42	304	0.288	ng	#	84
6) bis(2-Chloroethyl)ether	6.94	93	1286	0.344	ng		93
9) Naphthalene	10.29	128	4784	0.316	ng		99
10) Hexachlorobutadiene	10.58	225	1132	0.302	ng	#	98
12) 2-Methylnaphthalene	11.91	142	3258	0.343	ng		98
16) Acenaphthylene	13.84	152	4677	0.312	ng		100
17) Acenaphthene	14.18	154	3018	0.302	ng		97
18) Fluorene	15.18	166	3922	0.306	ng		99
20) 4,6-Dinitro-2-methylphenol	15.31	198	235	0.333	ng		94
21) 4-Bromophenyl-phenylether	16.08	248	1246	0.291	ng		94
22) Hexachlorobenzene	16.19	284	1412	0.284	ng		96
23) Atrazine	16.37	200	844	0.281	ng		97
24) Pentachlorophenol	16.54	266	802	0.543	ng		95
25) Phenanthrene	16.92	178	6180	0.305	ng		100
26) Anthracene	17.00	178	5061	0.301	ng		99
28) Fluoranthene	18.95	202	6874	0.283	ng		99
30) Pyrene	19.31	202	6718	0.369	ng		99
32) Benzo(a)anthracene	21.08	228	4932	0.319	ng		98
33) Chrysene	21.13	228	6455	0.342	ng		99
34) Bis(2-ethylhexyl)phthalate	21.04	149	2253	0.354	ng		98
35) Indeno(1,2,3-cd)pyrene	25.31	276	6089	0.297	ng		99
37) Benzo(b)fluoranthene	22.60	252	5506	0.307	ng		97
38) Benzo(k)fluoranthene	22.64	252	6294	0.310	ng		95
39) Benzo(a)pyrene	23.13	252	4761	0.295	ng		92
40) Dibenzo(a,h)anthracene	25.34	278	4803	0.280	ng	#	91
41) Benzo(g,h,i)perylene	25.94	276	6003	0.319	ng		99

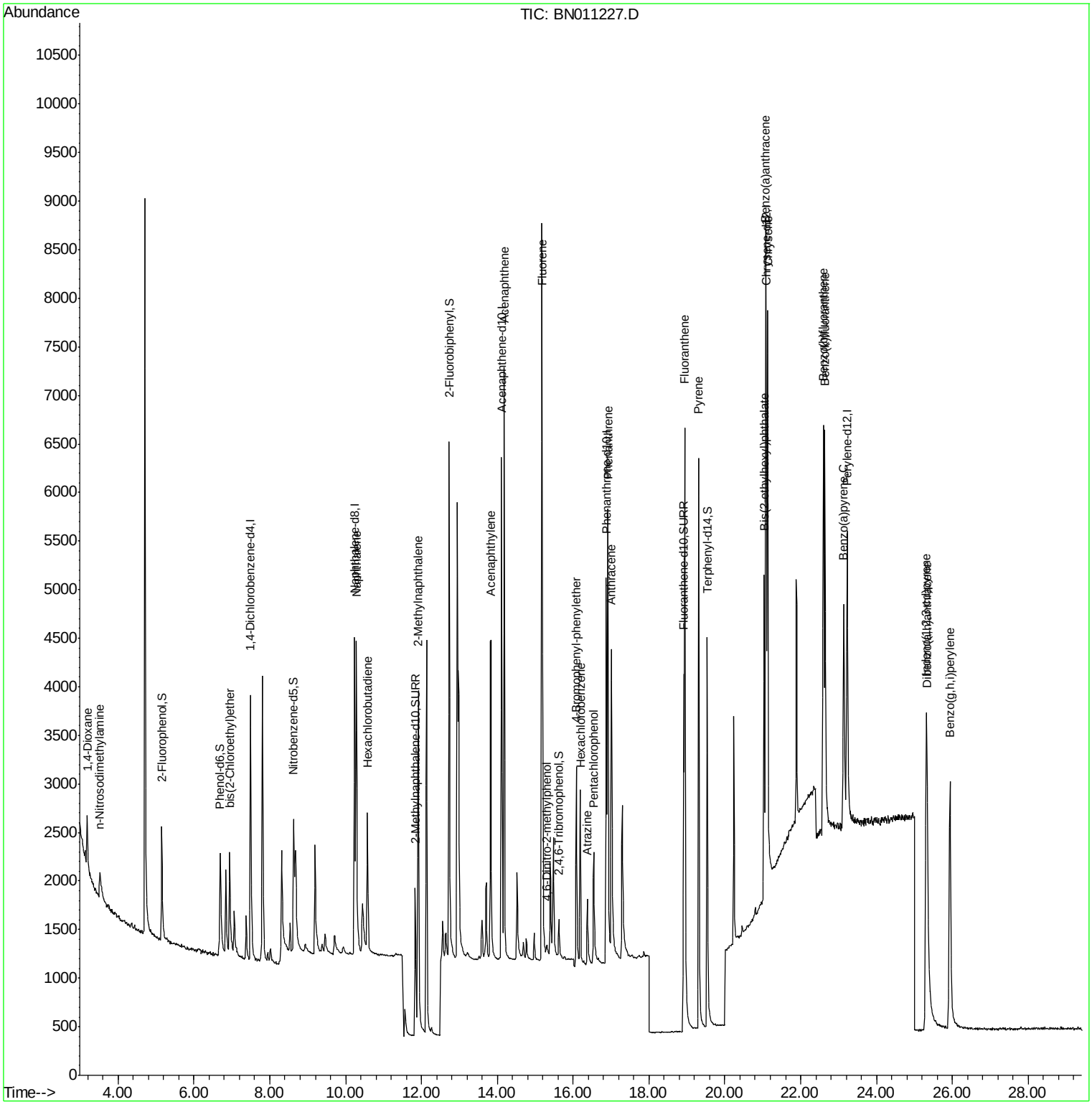
(#) = qualifier out of range (m) = manual integration (+) = signals summed

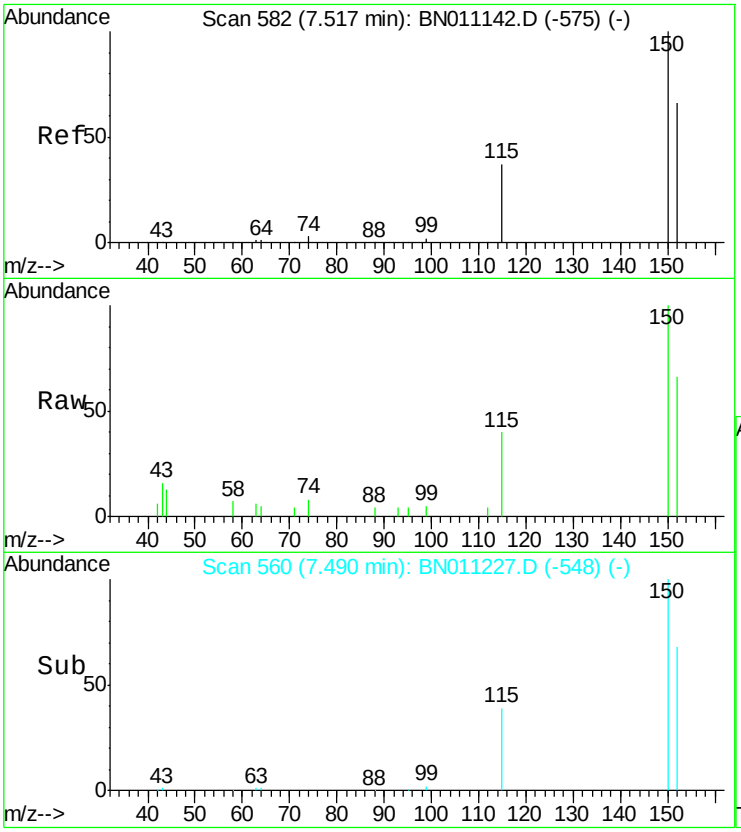
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072320\
Data File : BN011227.D
Acq On : 22 Jul 2020 20:49
Operator : CG/JU
Sample : PB130401BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Quant Time: Jul 23 03:56:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN071120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 19:29:31 2020
Response via : Initial Calibration



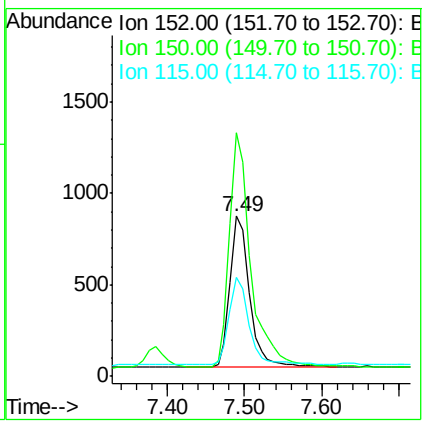


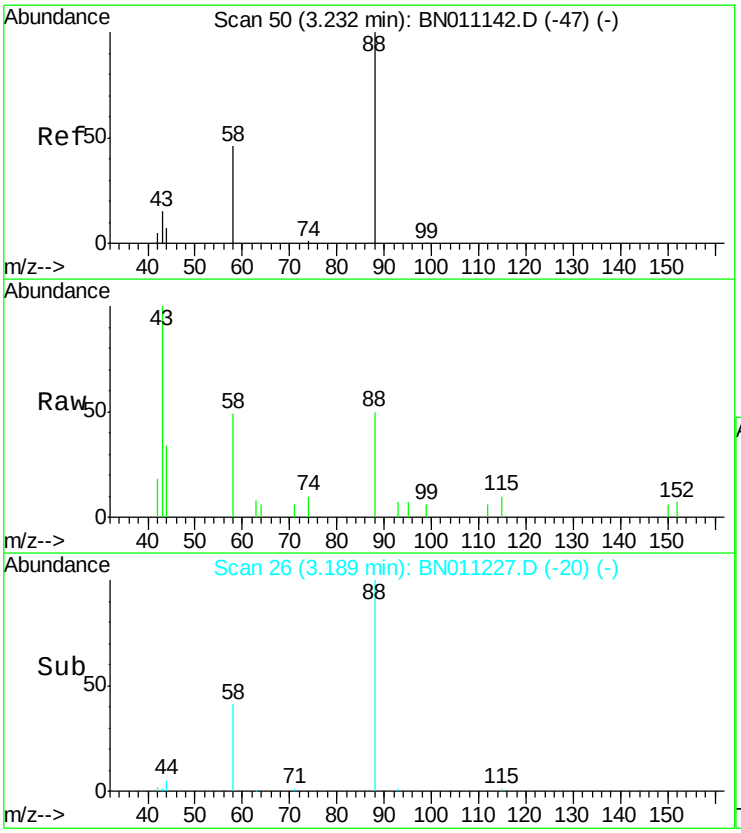
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.49 min Scan# 560
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:152 Resp: 1466

Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.4	179.0
115	61.5	48.3	72.5

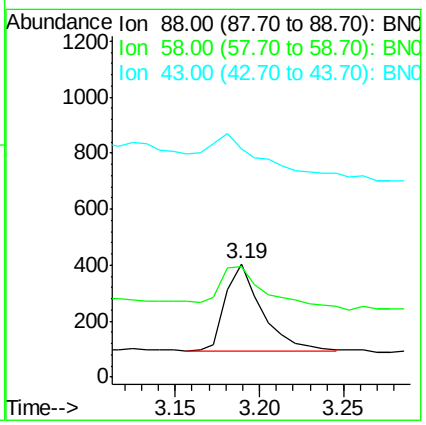


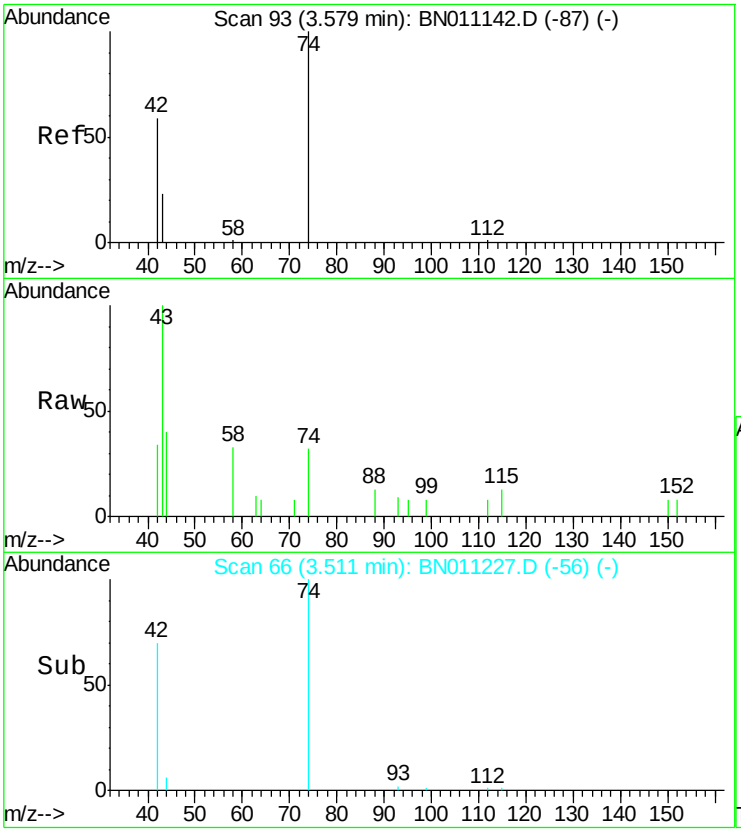


#2
1,4-Dioxane
Concen: 0.223 ng
RT: 3.19 min Scan# 26
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion: 88 Resp: 468

Ion	Ratio	Lower	Upper
88	100		
58	66.2	36.5	54.7#
43	72.9	14.3	21.5#



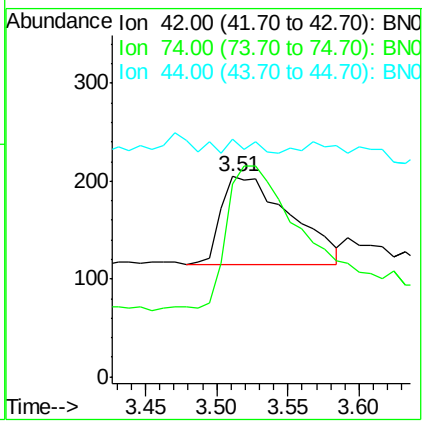


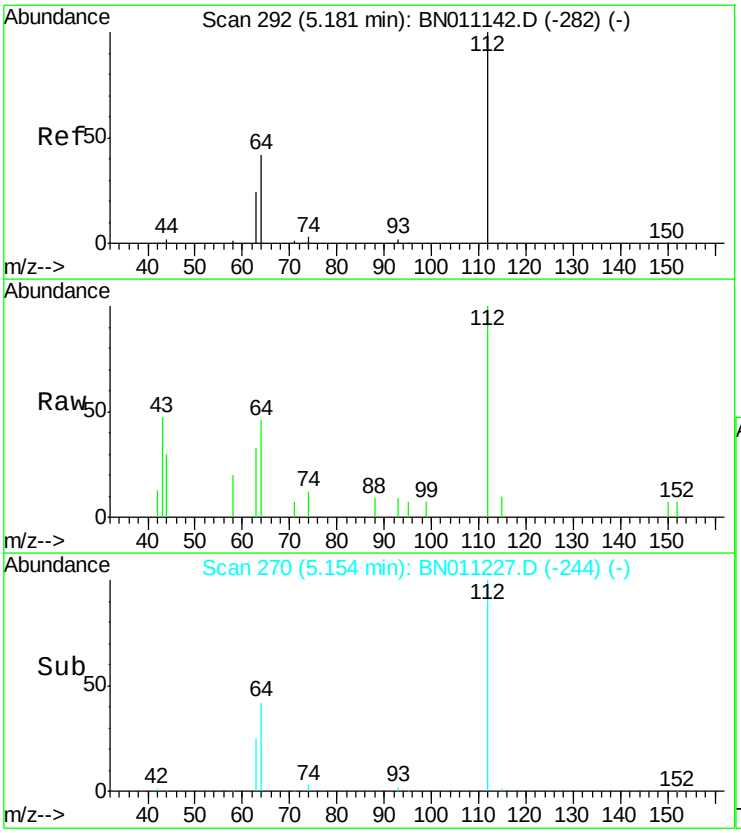
#3
n-Nitrosodimethylamine
Concen: 0.288 ng
RT: 3.51 min Scan# 66
Delta R.T. -0.02 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion: 42 Resp: 304

Ion	Ratio	Lower	Upper
42	100		
74	198.4	140.9	211.3
44	4.9	7.6	11.4#

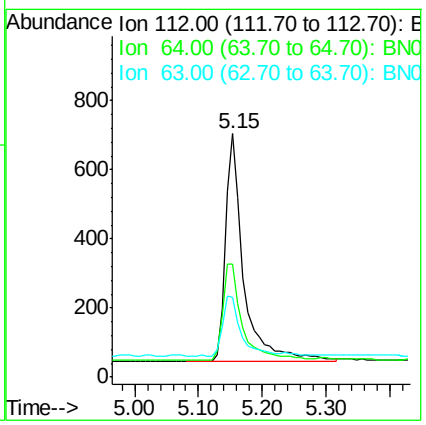


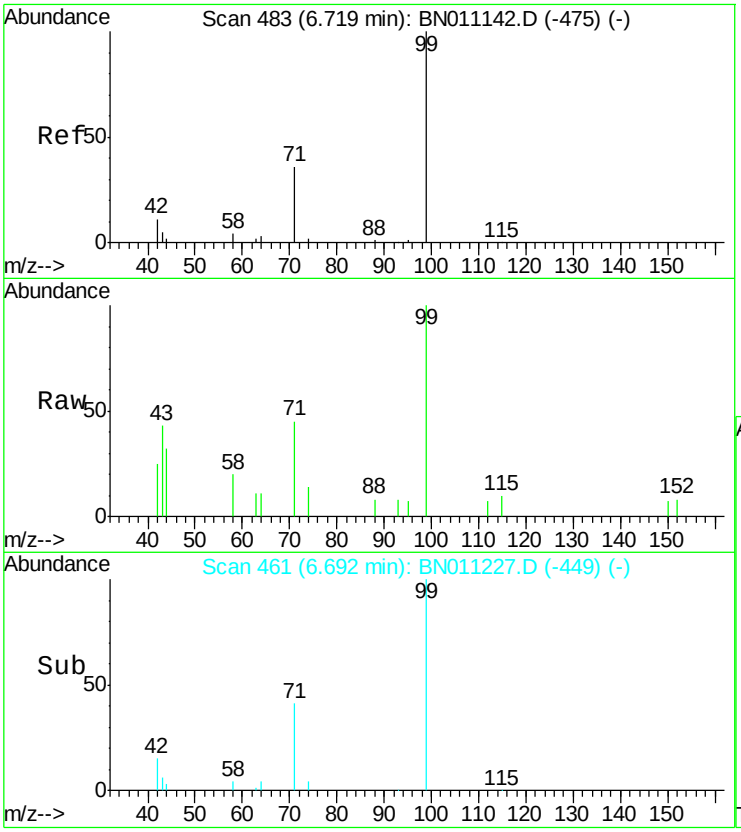


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.15 min Scan# 270
Delta R.T. 0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:112 Resp: 1297

Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.7	55.1
63	27.7	20.4	30.6



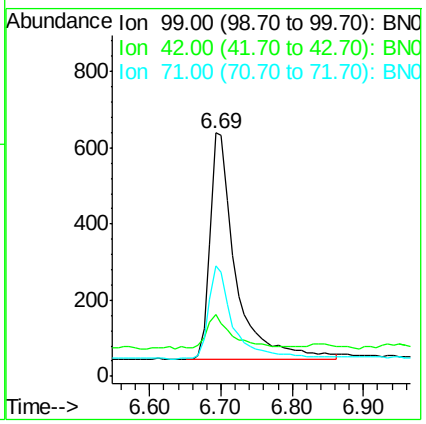


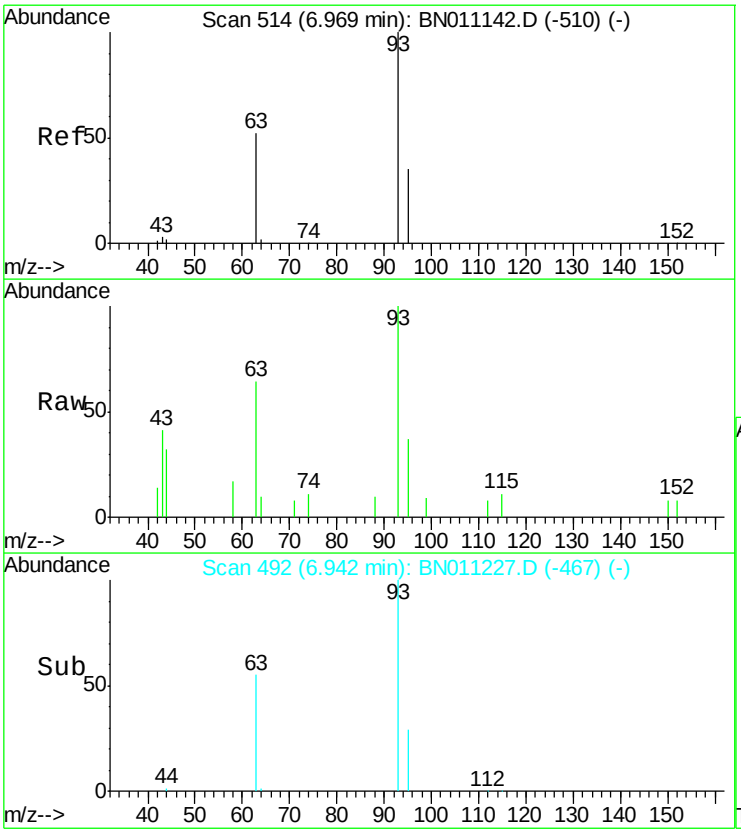
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.69 min Scan# 461
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion: 99 Resp: 1481

Ion	Ratio	Lower	Upper
99	100		
42	15.9	10.8	16.2
71	40.3	31.3	46.9

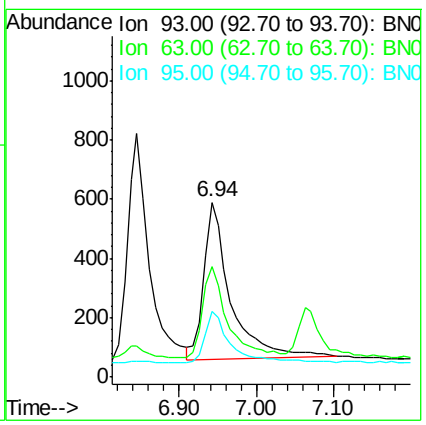


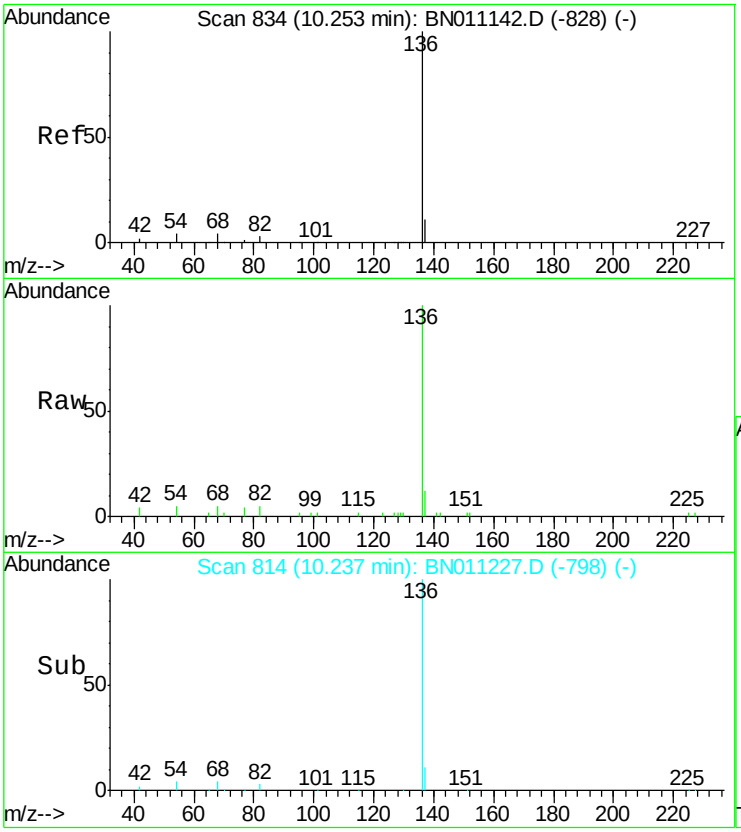


#6
bis(2-Chloroethyl)ether
Concen: 0.344 ng
RT: 6.94 min Scan# 492
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion: 93 Resp: 1286

Ion	Ratio	Lower	Upper
93	100		
63	53.6	47.4	71.0
95	31.6	28.1	42.1



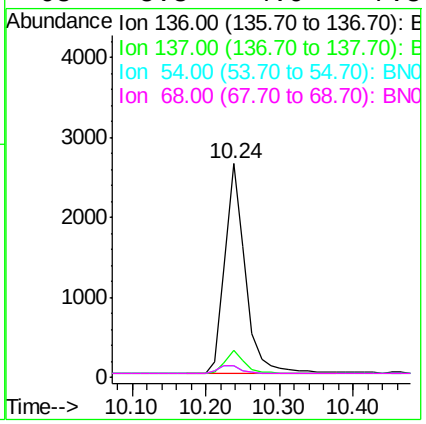


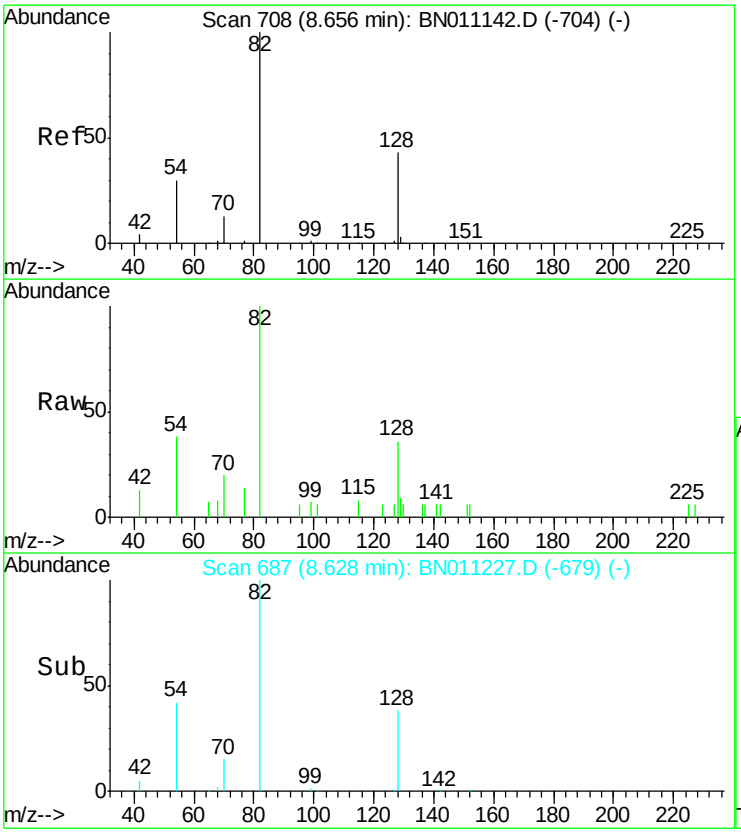
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.24 min Scan# 814
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:136 Resp: 5082

Ion	Ratio	Lower	Upper
136	100		
137	12.5	10.3	15.5
54	5.3	4.9	7.3
68	5.3	4.9	7.3

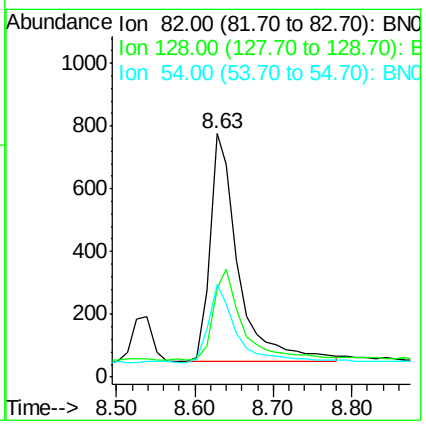


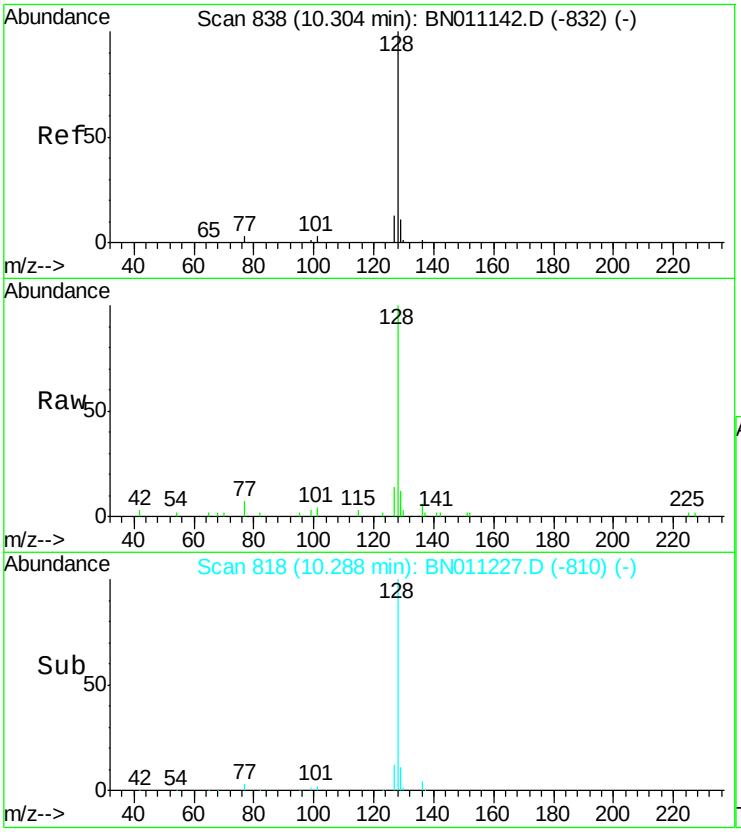


#8
Nitrobenzene-d5
Concen: 0.408 ng
RT: 8.63 min Scan# 687
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion: 82 Resp: 1838

Ion	Ratio	Lower	Upper
82	100		
128	36.5	38.1	57.1#
54	37.9	27.1	40.7



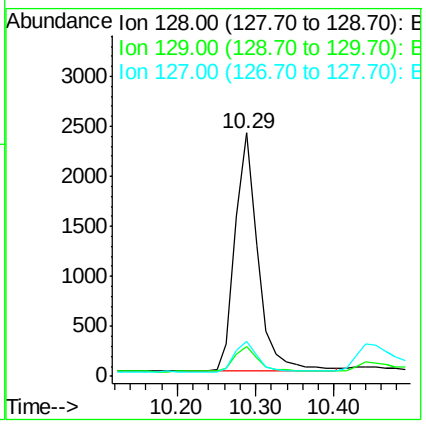


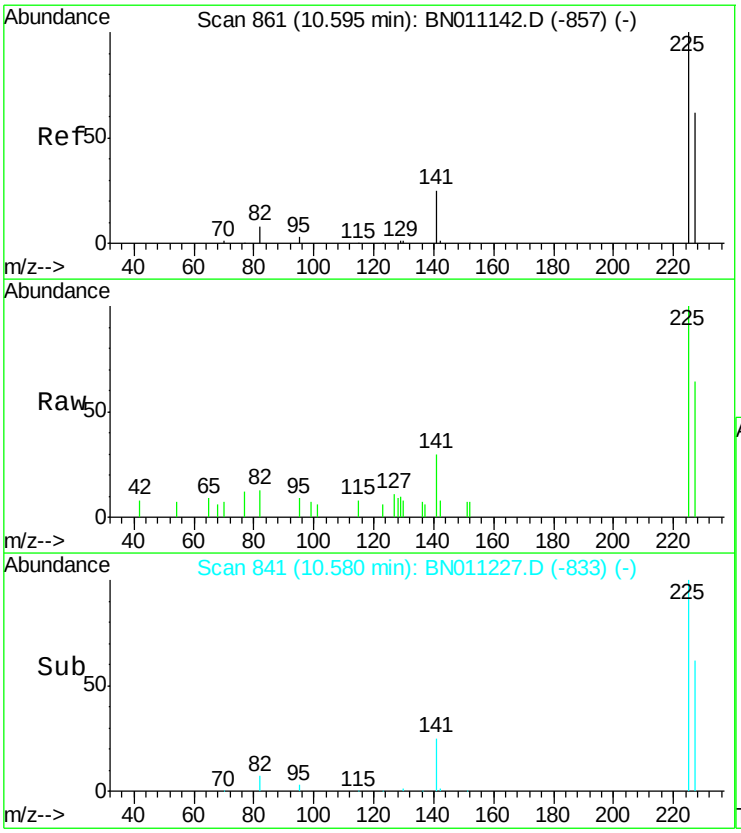
#9
Naphthalene
Concen: 0.316 ng
RT: 10.29 min Scan# 818
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:128 Resp: 4784

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.6
127	14.2	11.8	17.6

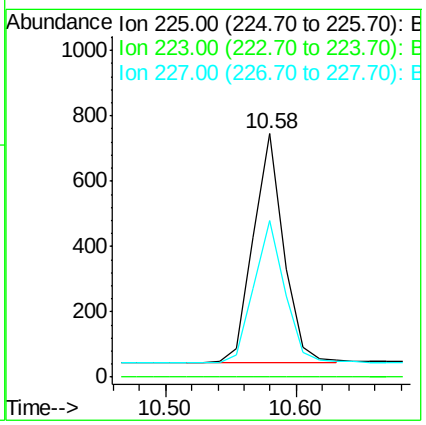


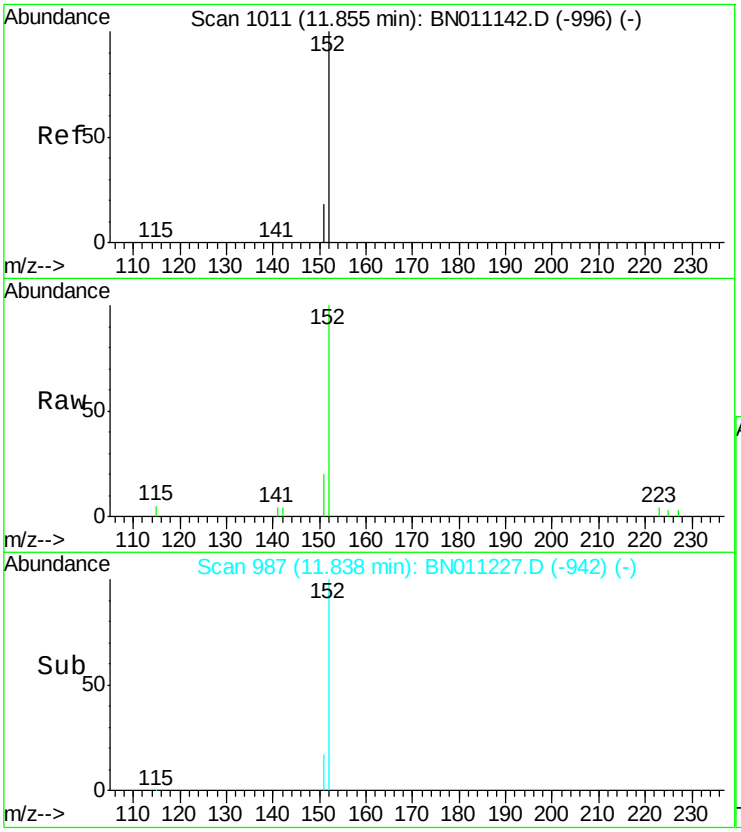


#10
Hexachlorobutadiene
Concen: 0.302 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:225 Resp: 1132

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.5	51.2	76.8



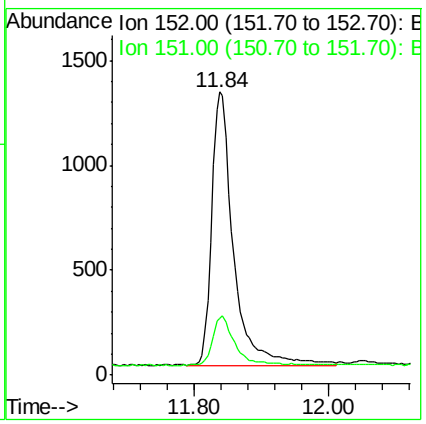


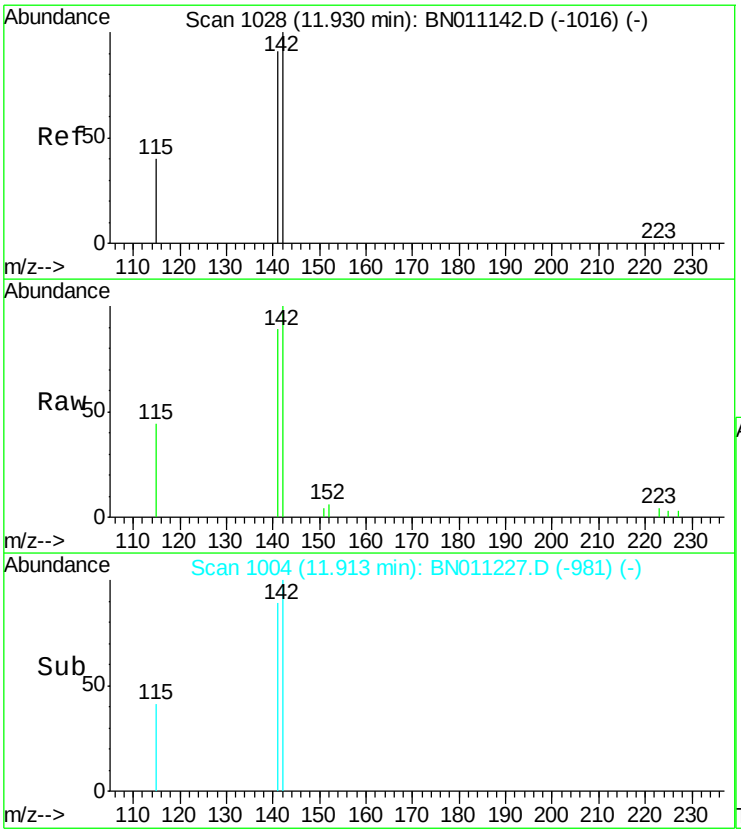
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.84 min Scan# 987
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:152 Resp: 2916

Ion	Ratio	Lower	Upper
152	100		
151	17.6	16.5	24.7

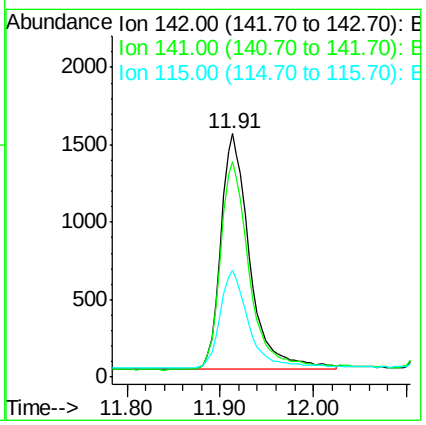


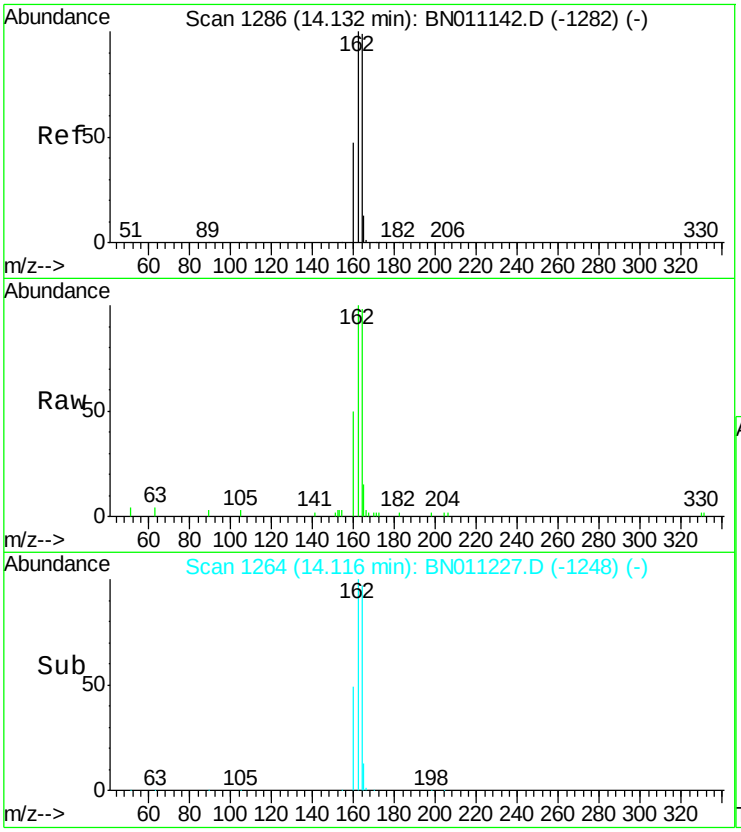


#12
2-Methylnaphthalene
Concen: 0.343 ng
RT: 11.91 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:142 Resp: 3258

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.7	109.1
115	43.9	33.8	50.6



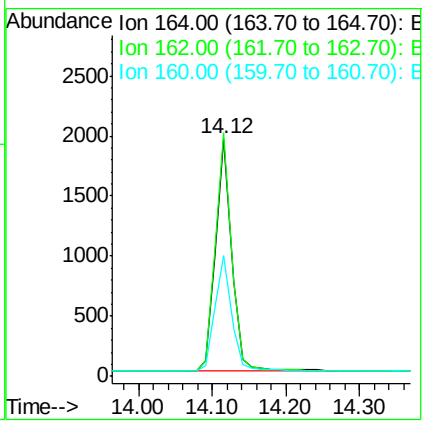


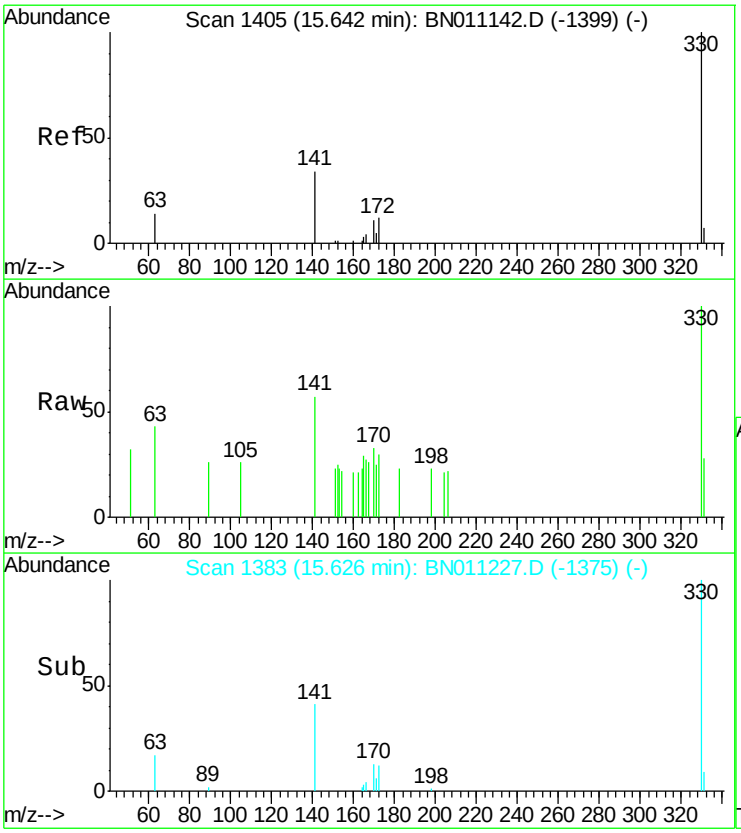
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.12 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:164 Resp: 2947

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.0	121.4
160	50.9	39.0	58.6

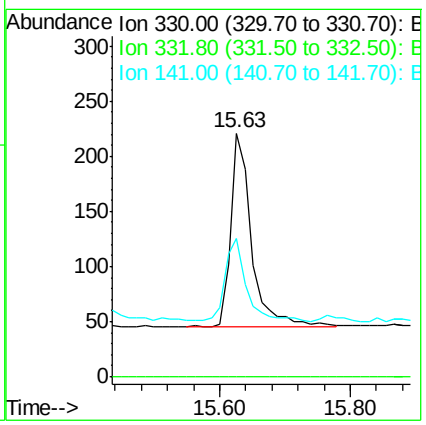


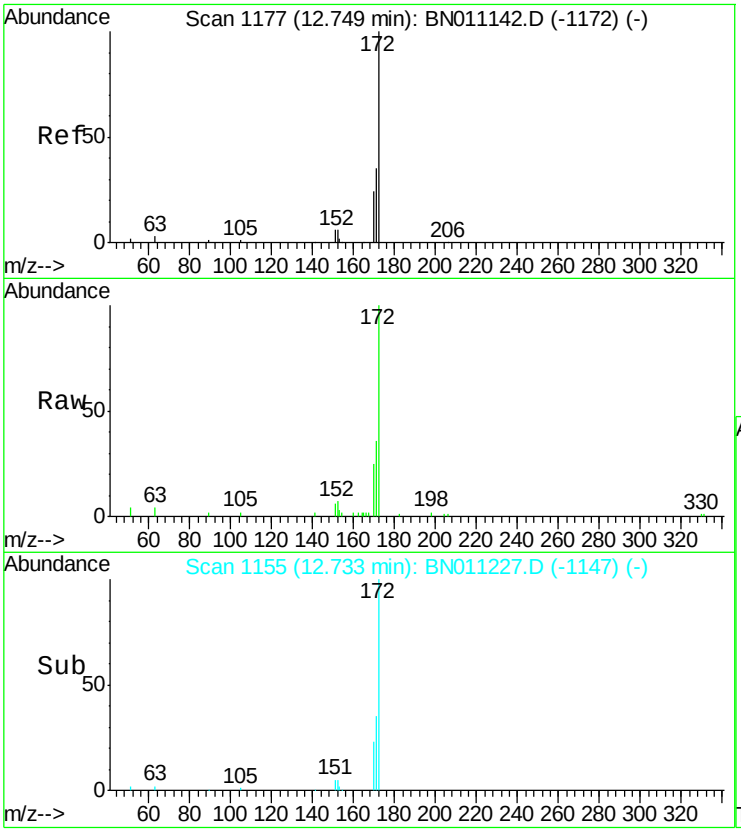


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.63 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:330 Resp: 392

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	43.6	31.5	47.3



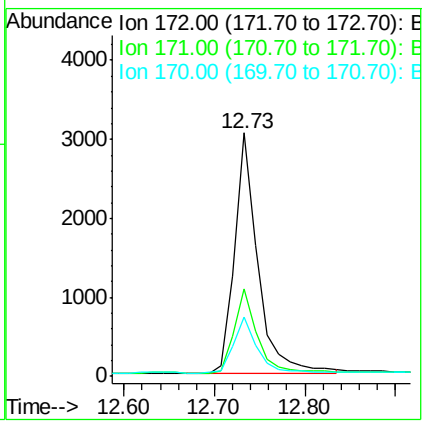


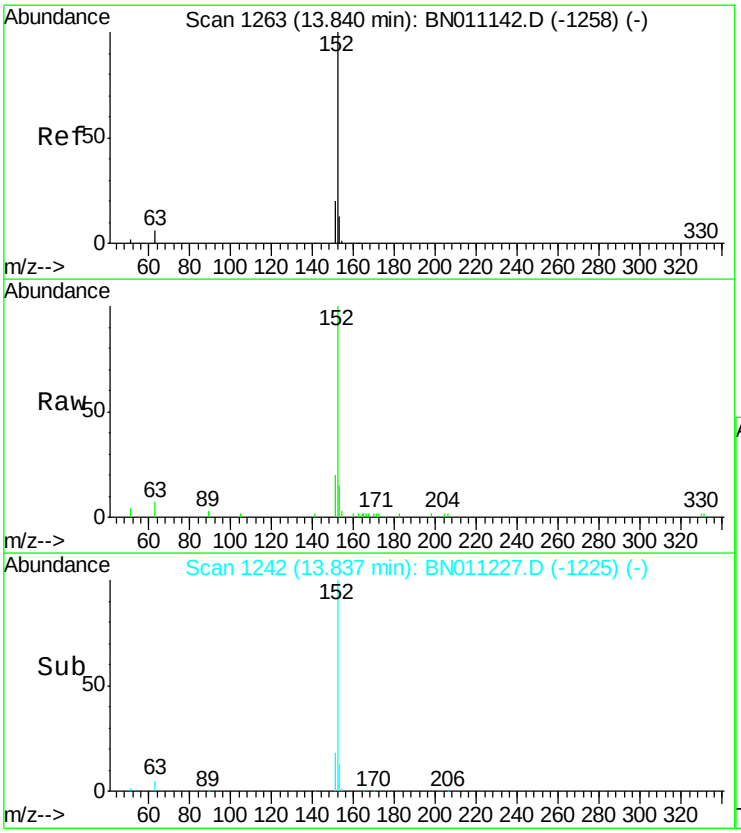
#15
2-Fluorobiphenyl
Concen: 0.389 ng
RT: 12.73 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:172 Resp: 5372

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.5	20.3	30.5

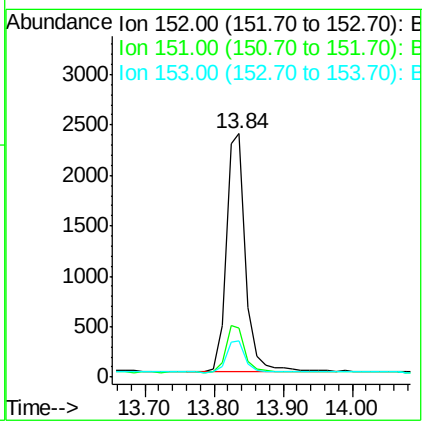


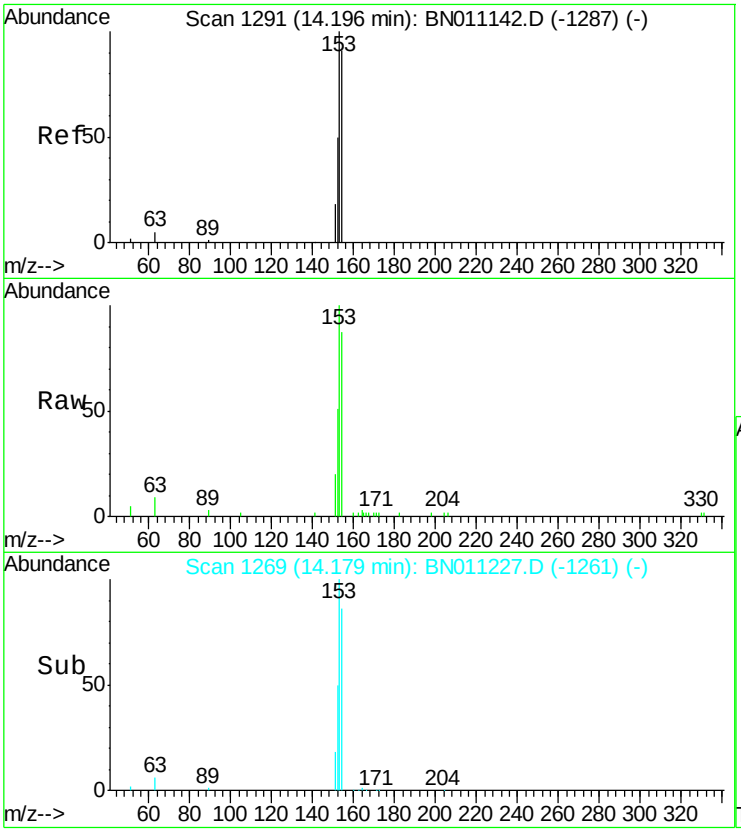


#16
Acenaphthylene
Concen: 0.312 ng
RT: 13.84 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:152 Resp: 4677

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.1	10.6	15.8



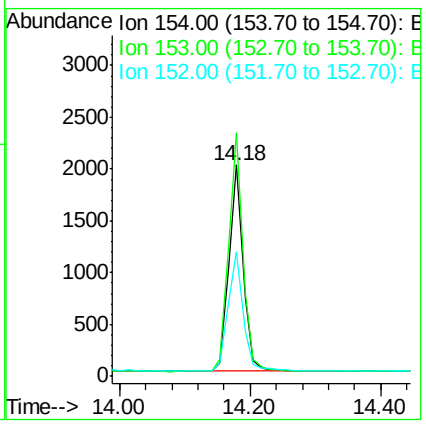


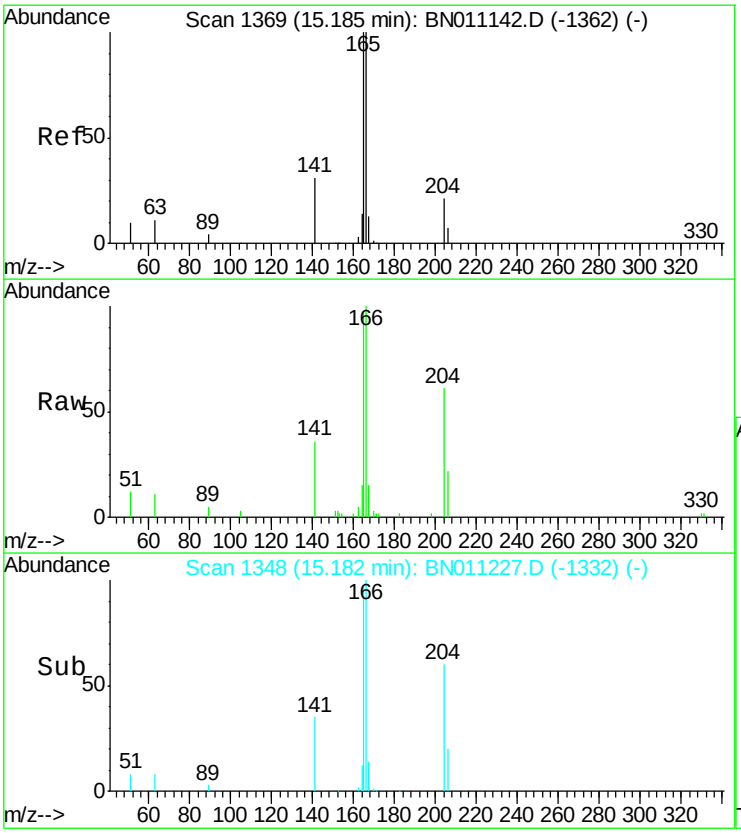
#17
Acenaphthene
Concen: 0.302 ng
RT: 14.18 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:154 Resp: 3018

Ion	Ratio	Lower	Upper
154	100		
153	116.2	91.3	136.9
152	61.7	46.6	69.8

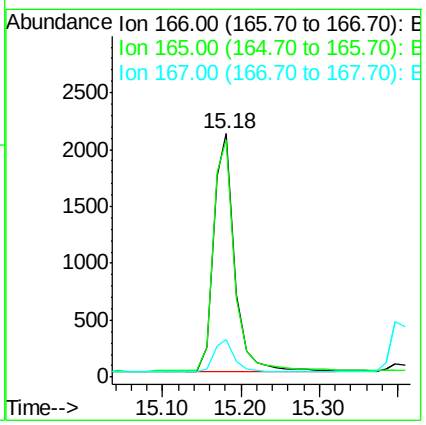


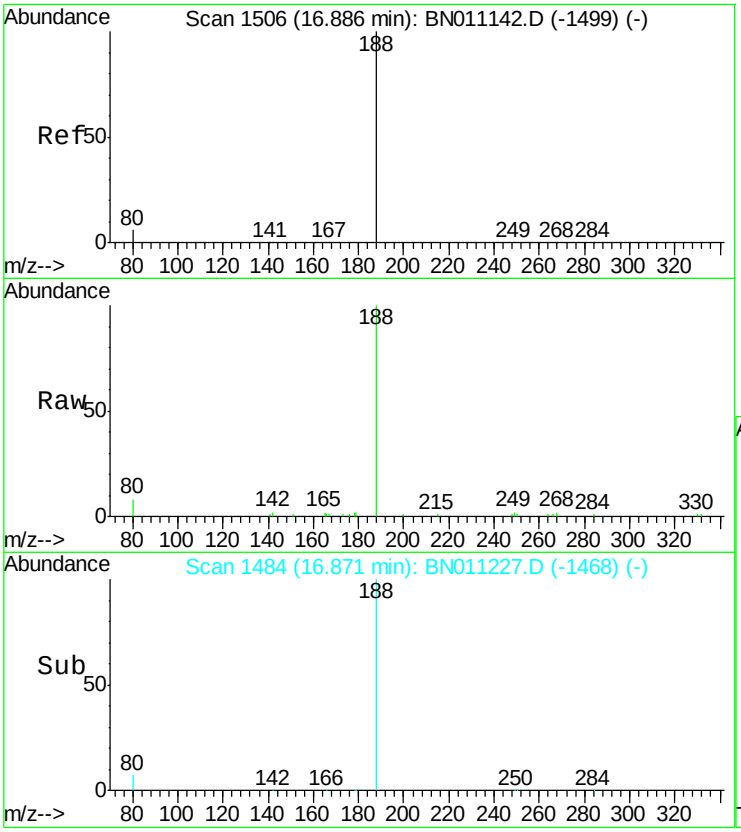


#18
Fluorene
Concen: 0.306 ng
RT: 15.18 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:166 Resp: 3922

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.1	118.7
167	13.5	10.5	15.7



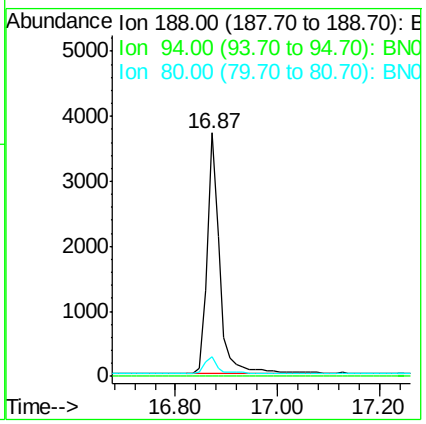


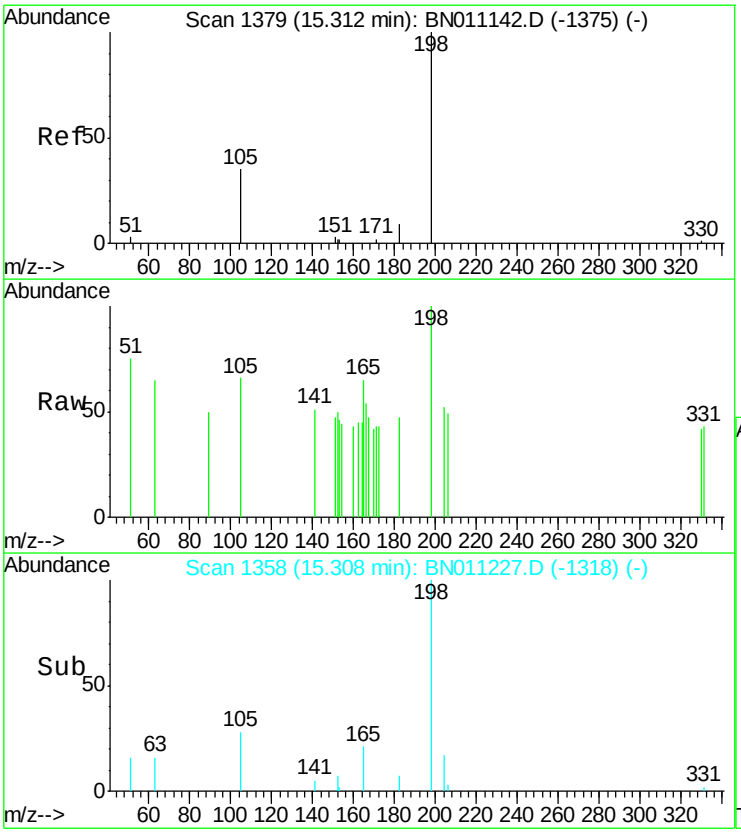
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.87 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:188 Resp: 6297

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	6.3	9.5

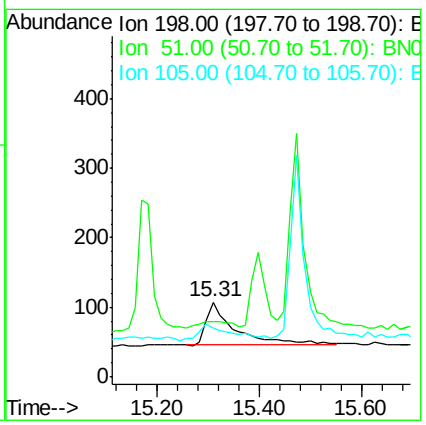


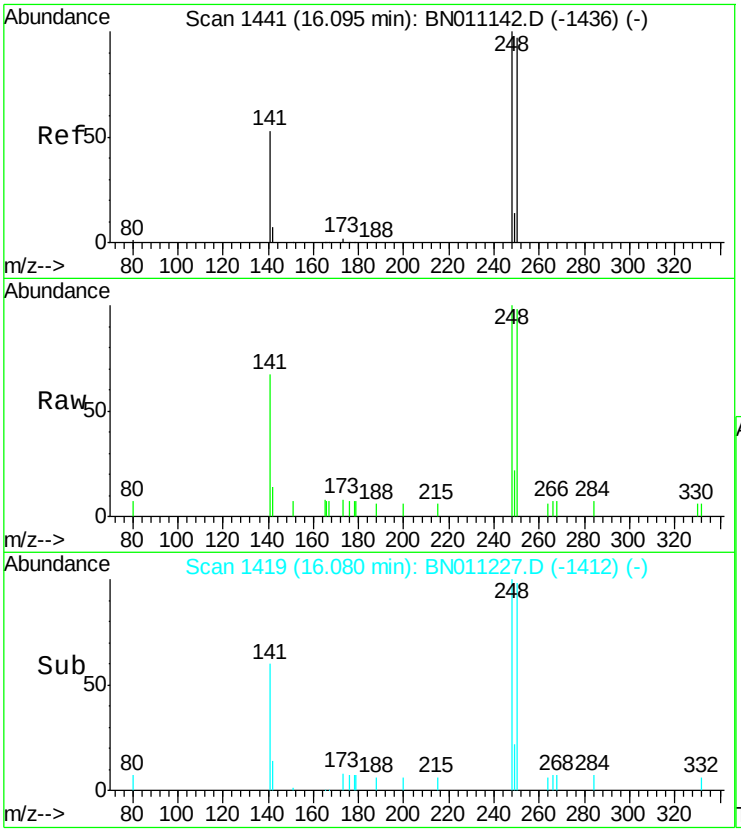


#20
4,6-Dinitro-2-methylphenol
Concen: 0.333 ng
RT: 15.31 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:198 Resp: 235

Ion	Ratio	Lower	Upper
198	100		
51	74.8	53.1	79.7
105	66.4	51.9	77.9



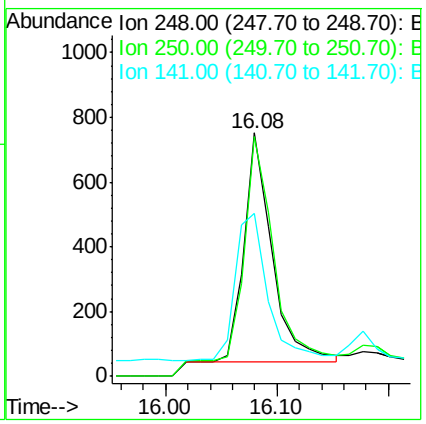


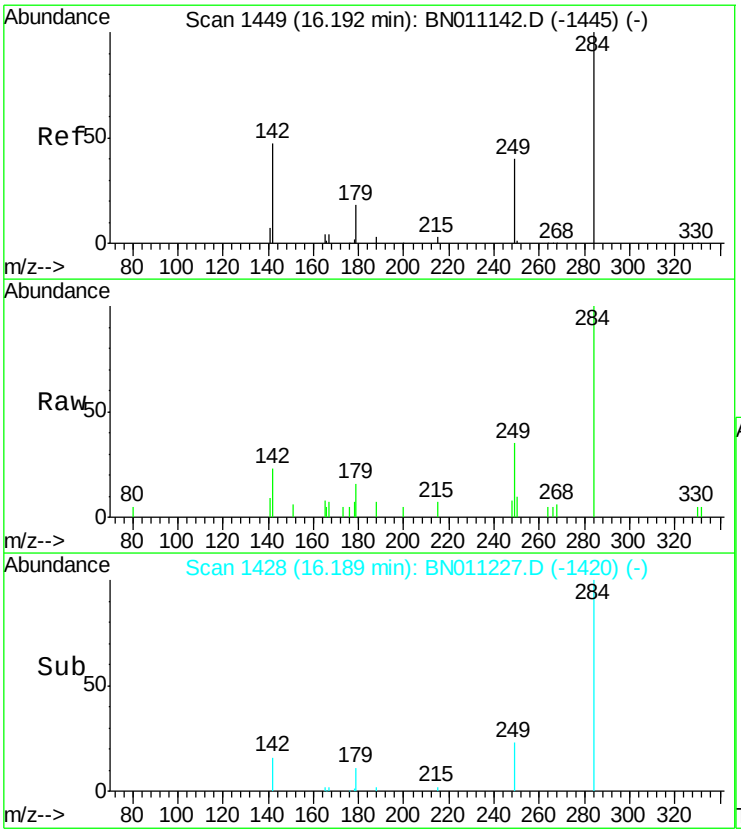
#21
4-Bromophenyl-phenylether
Concen: 0.291 ng
RT: 16.08 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:248 Resp: 1246

Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.4	117.6
141	67.2	45.1	67.7

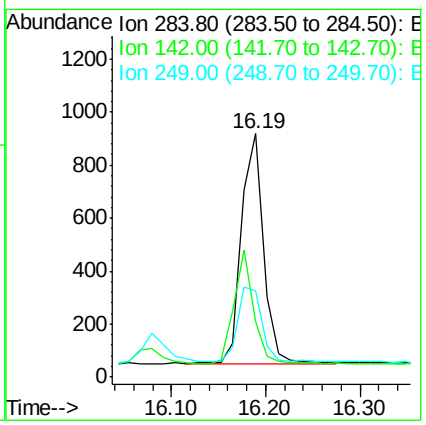


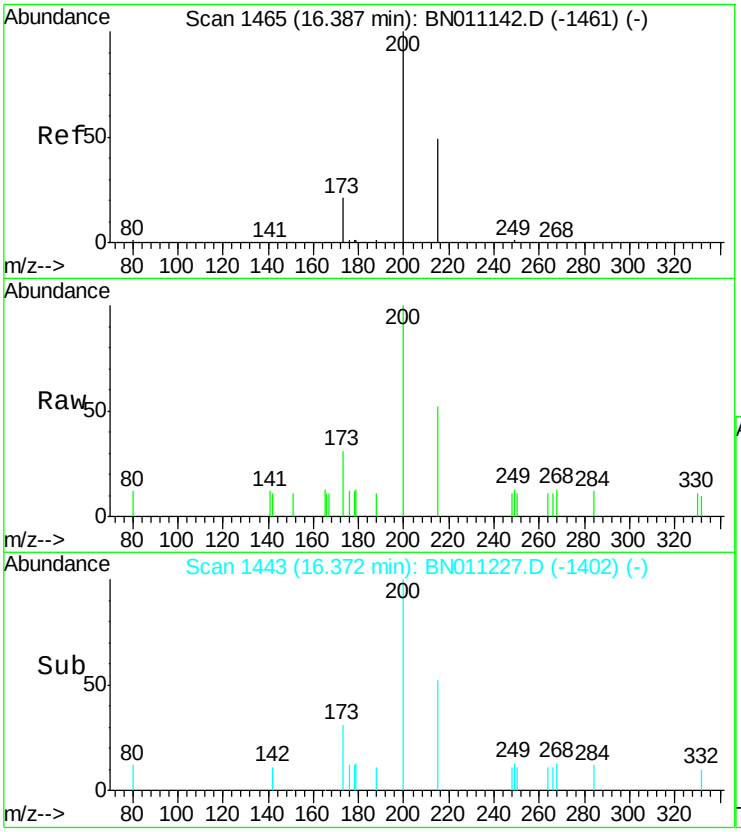


#22
Hexachlorobenzene
Concen: 0.284 ng
RT: 16.19 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:284 Resp: 1412

Ion	Ratio	Lower	Upper
284	100		
142	45.2	32.6	48.8
249	35.3	28.4	42.6



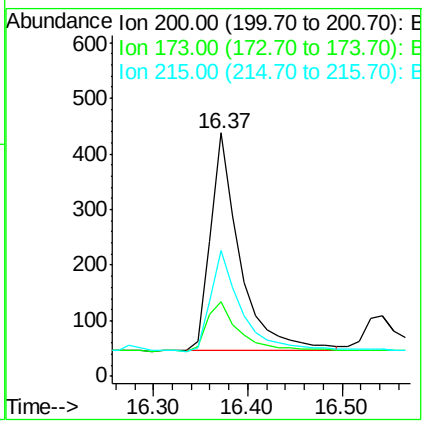


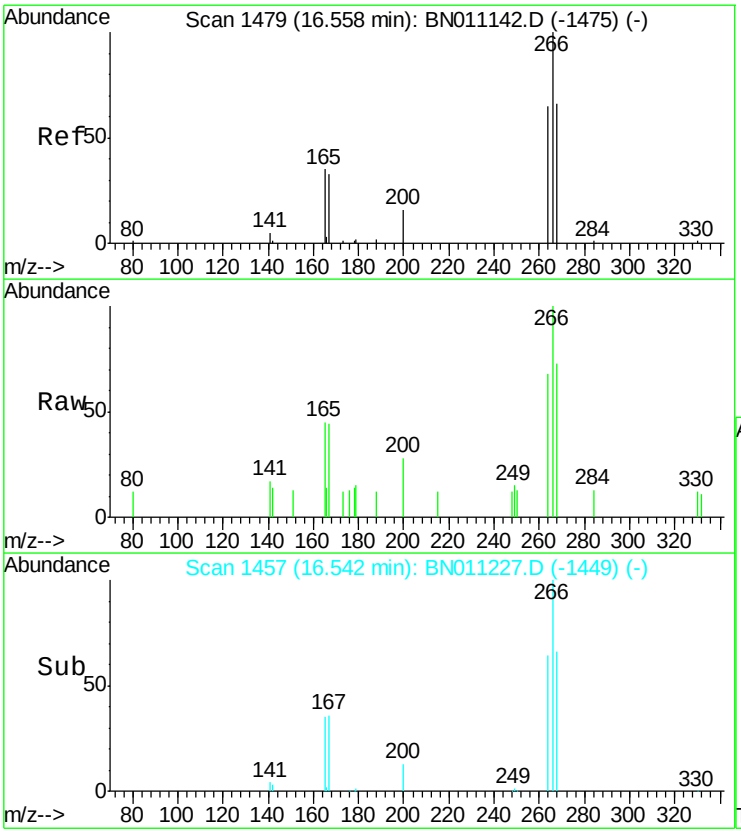
#23
Atrazine
Concen: 0.281 ng
RT: 16.37 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:200 Resp: 844

Ion	Ratio	Lower	Upper
200	100		
173	30.6	23.0	34.4
215	51.8	42.6	63.8

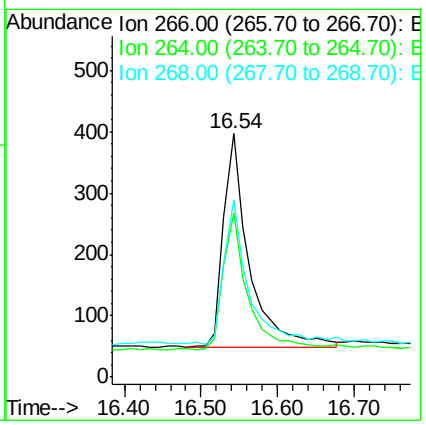


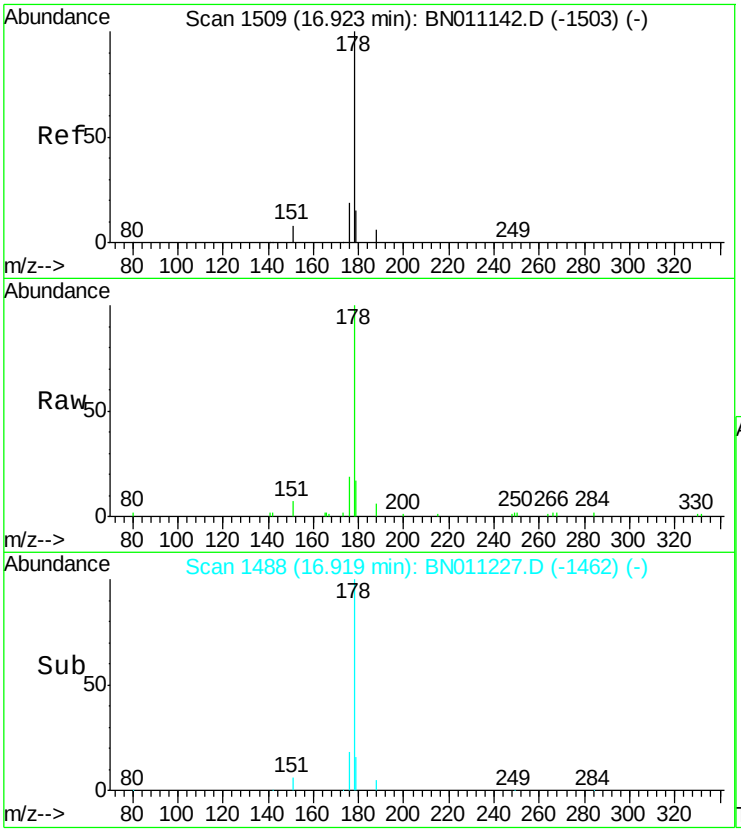


#24
Pentachlorophenol
Concen: 0.543 ng
RT: 16.54 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:266 Resp: 802

Ion	Ratio	Lower	Upper
266	100		
264	65.0	52.5	78.7
268	67.7	48.9	73.3



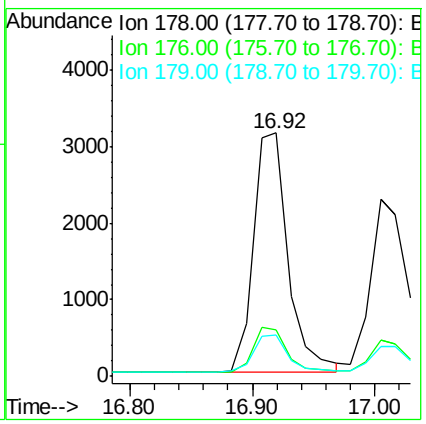


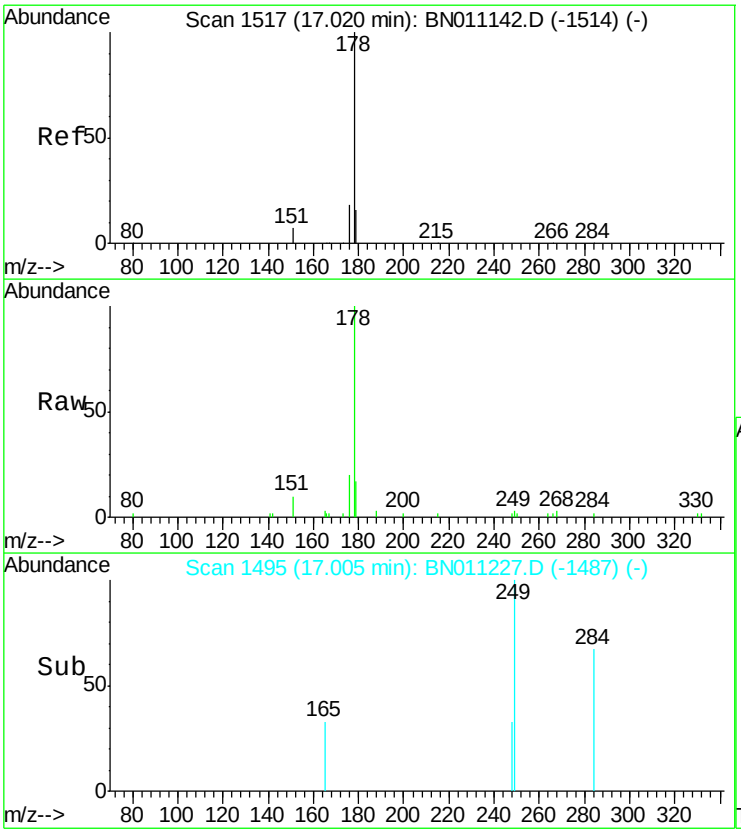
#25
Phenanthrene
Concen: 0.305 ng
RT: 16.92 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:178 Resp: 6180

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.6	18.8

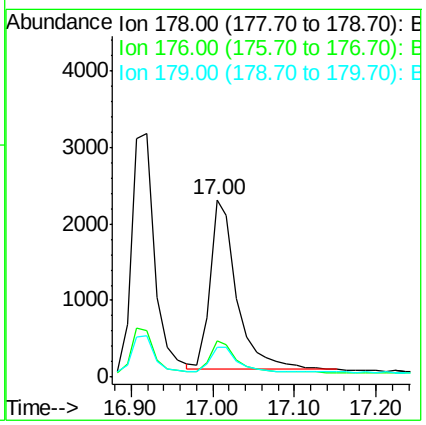


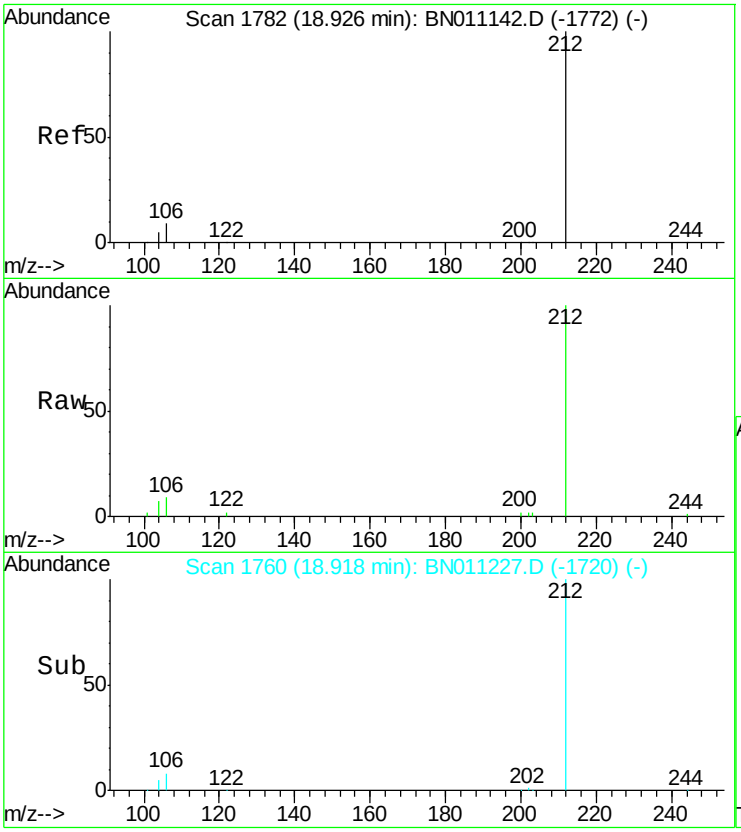


#26
Anthracene
Concen: 0.301 ng
RT: 17.00 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:178 Resp: 5061

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.4	12.0	18.0



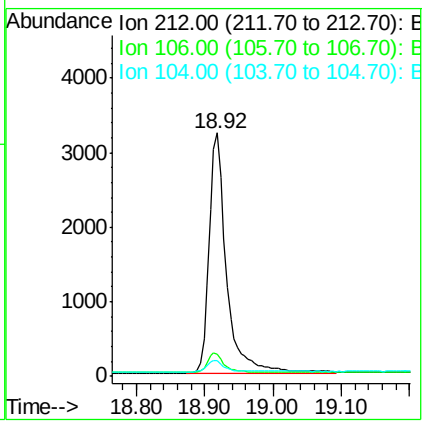


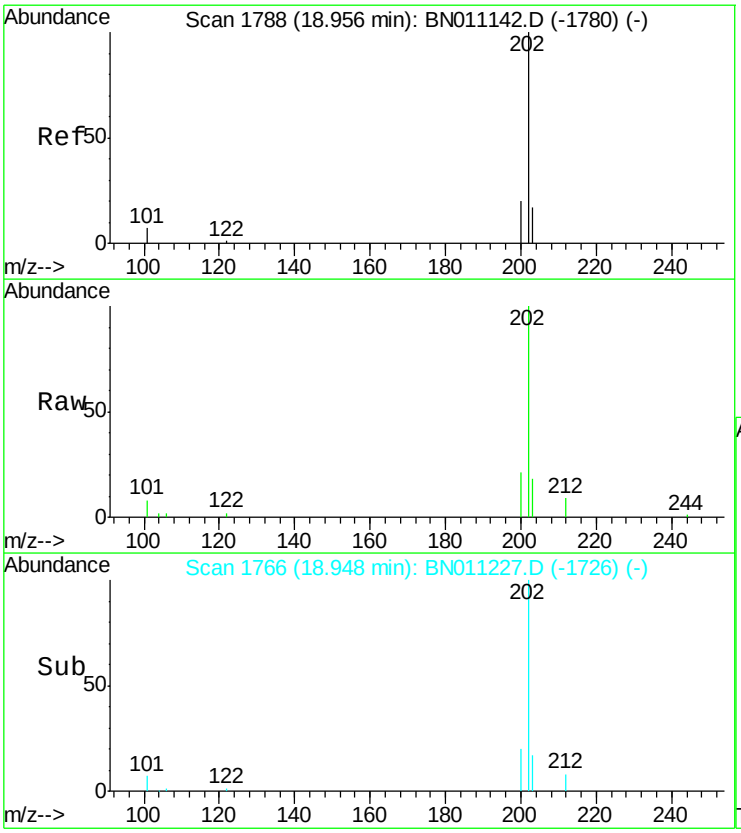
#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 18.92 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:212 Resp: 5724

Ion	Ratio	Lower	Upper
212	100		
106	8.2	7.0	10.6
104	4.8	4.2	6.4

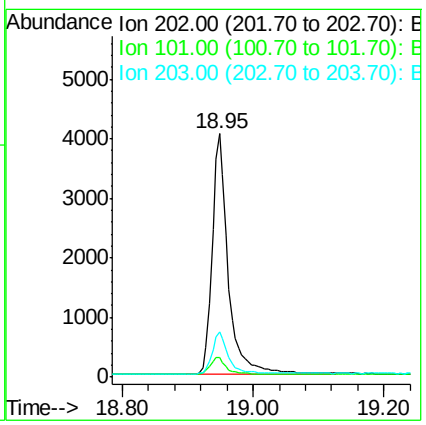


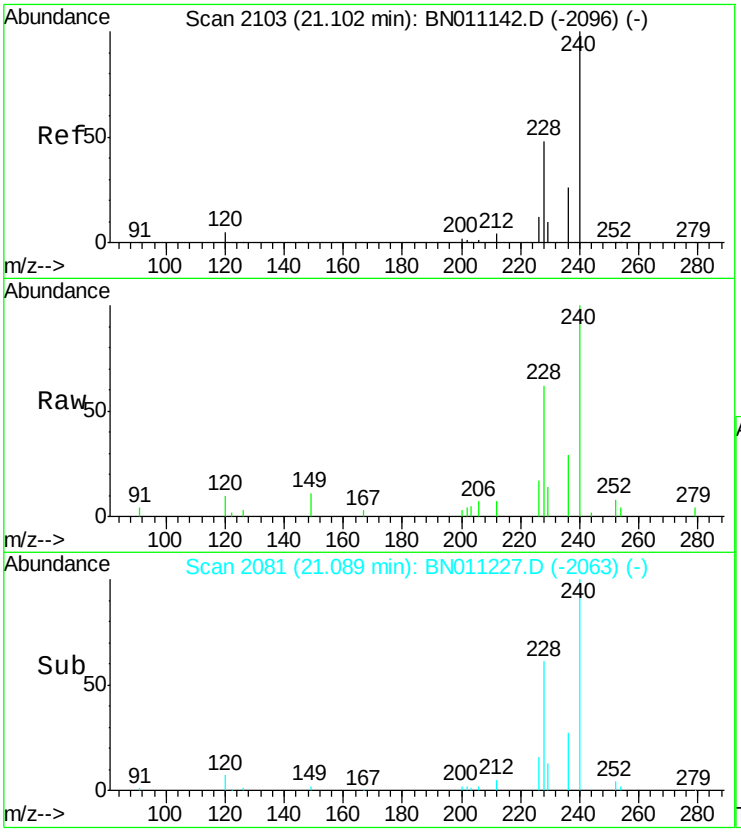


#28
Fluoranthene
Concen: 0.283 ng
RT: 18.95 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:202 Resp: 6874

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.9	8.9
203	16.9	13.6	20.4



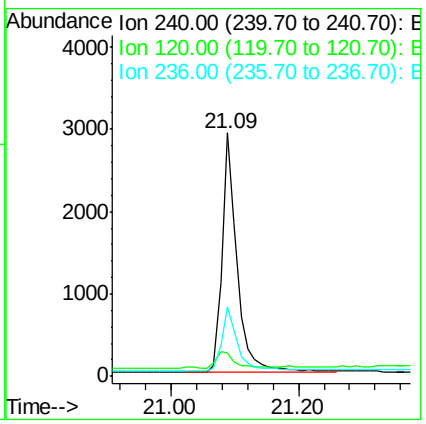


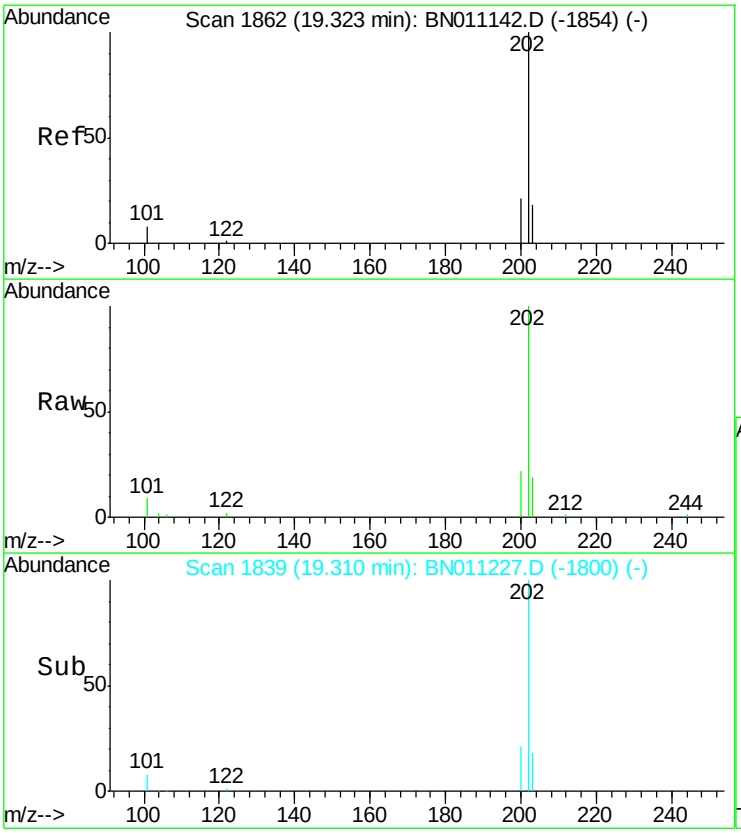
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.09 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:240 Resp: 4767

Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.5	9.7#
236	28.8	21.9	32.9

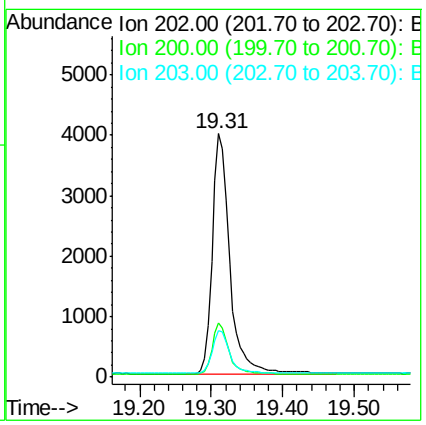


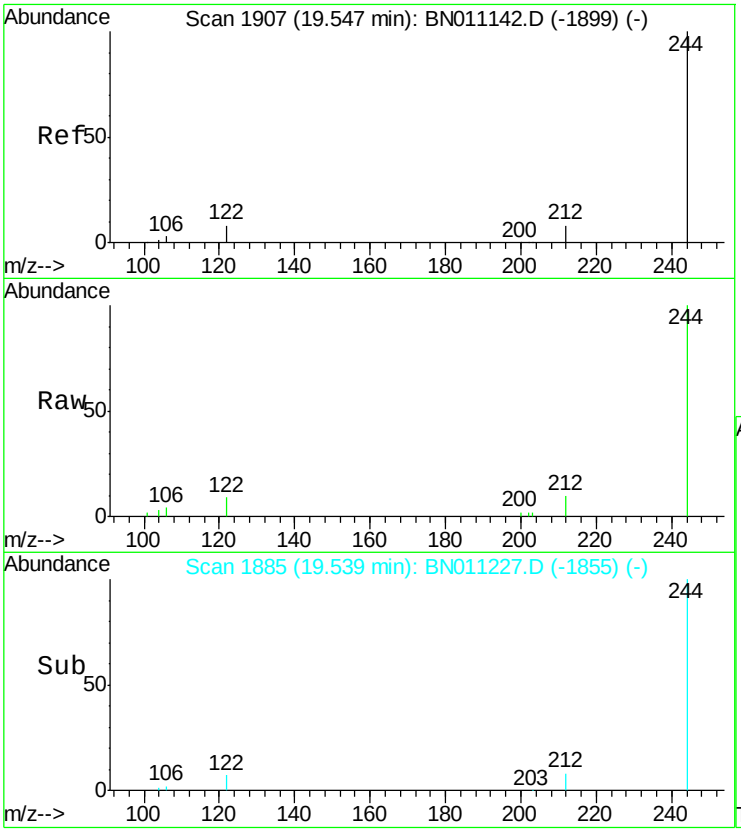


#30
Pyrene
Concen: 0.369 ng
RT: 19.31 min Scan# 1839
Delta R.T. -0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:202 Resp: 6718

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.5	24.7
203	17.9	14.2	21.4



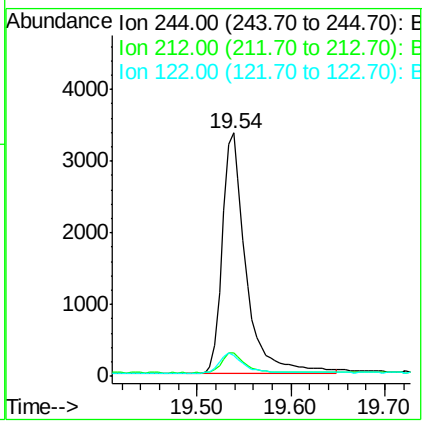


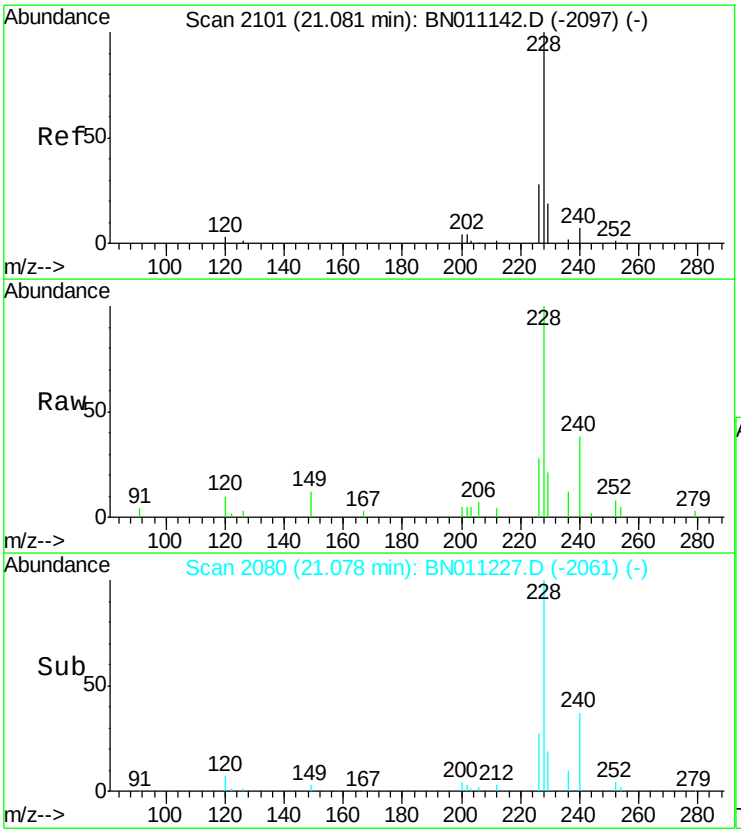
#31
Terphenyl-d14
Concen: 0.467 ng
RT: 19.54 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:244 Resp: 5799

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.8	11.6
122	8.8	7.4	11.0

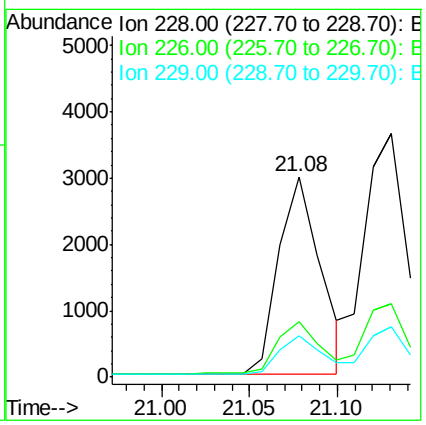


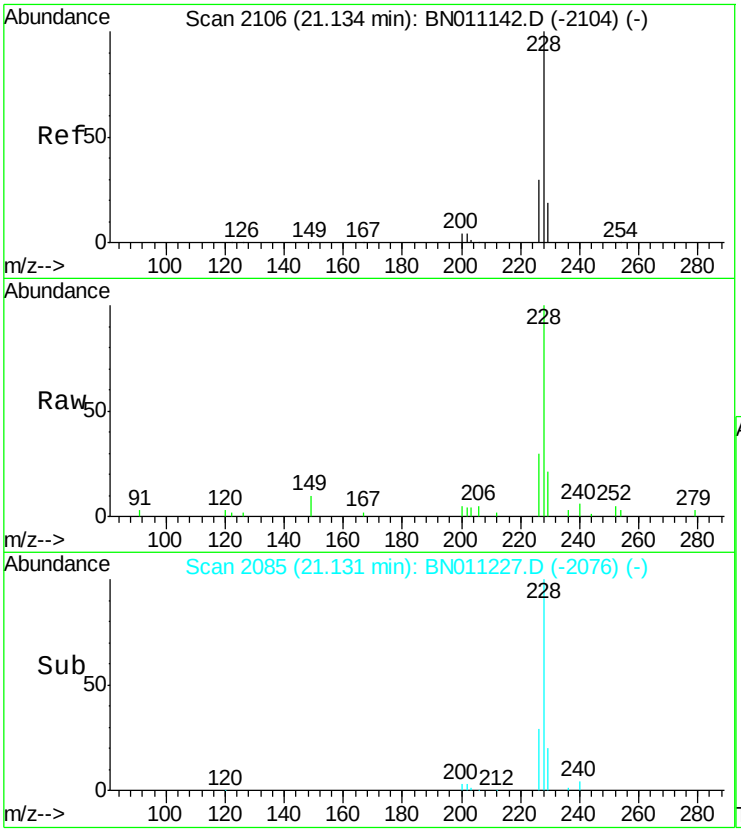


#32
Benzo(a)anthracene
Concen: 0.319 ng
RT: 21.08 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:228 Resp: 4932

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.2	34.8
229	20.5	16.2	24.4



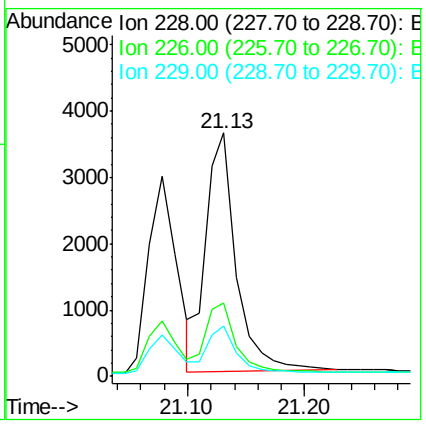


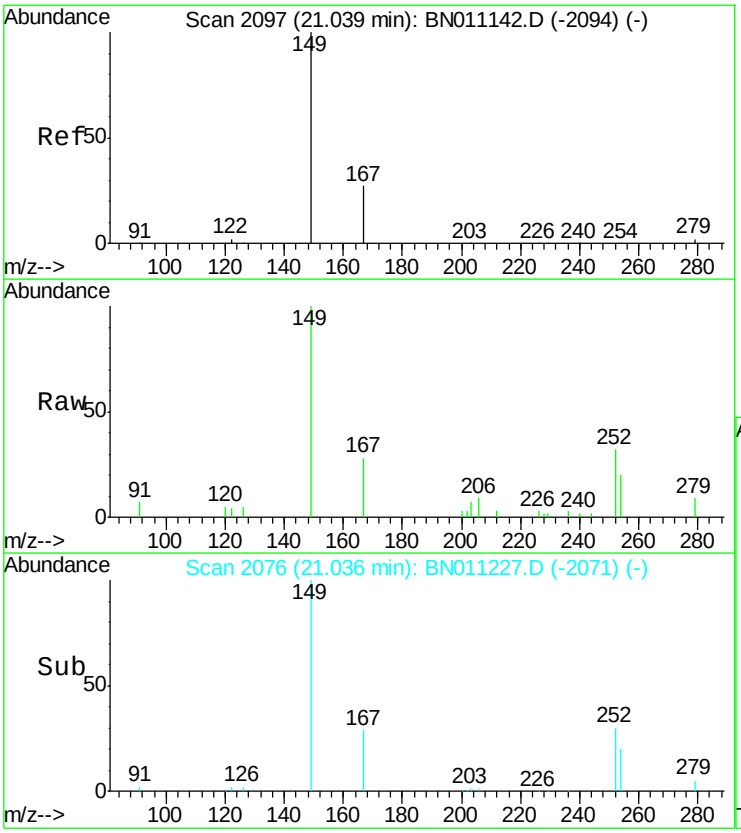
#33
Chrysene
Concen: 0.342 ng
RT: 21.13 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:228 Resp: 6455

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	20.8	16.2	24.4

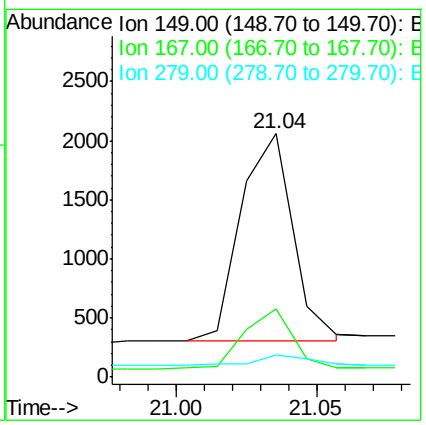


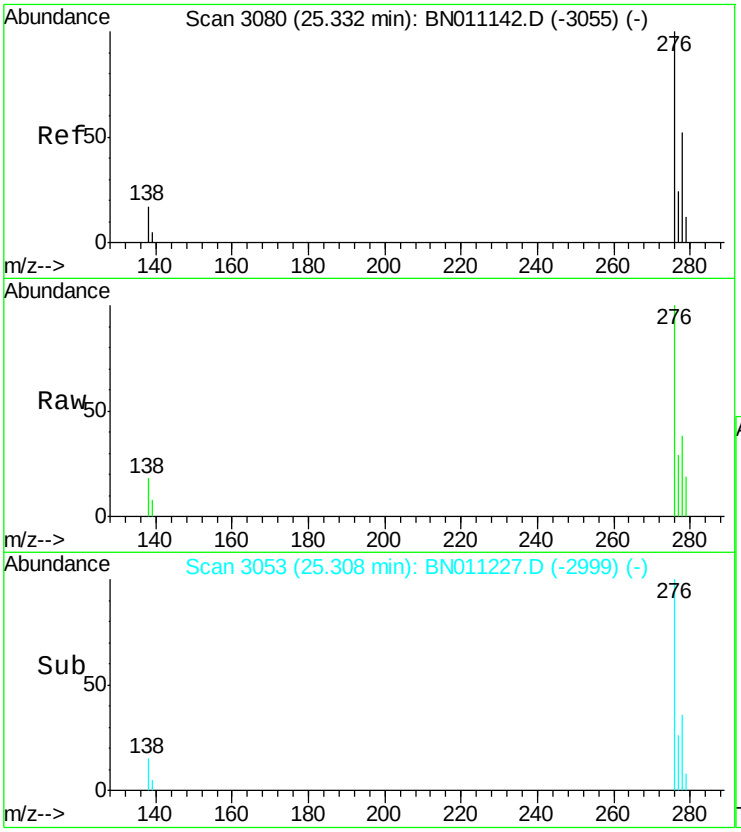


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.354 ng
RT: 21.04 min Scan# 2076
Delta R.T. 0.00 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:149 Resp: 2253

Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.4	35.0
279	5.4	4.5	6.7



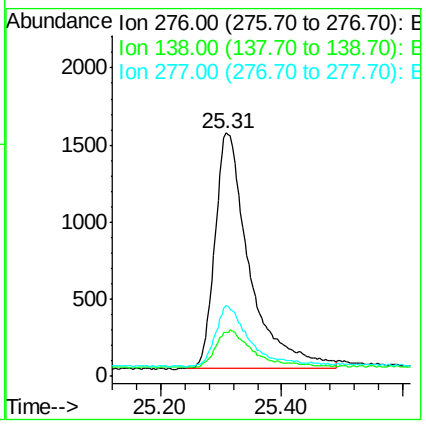


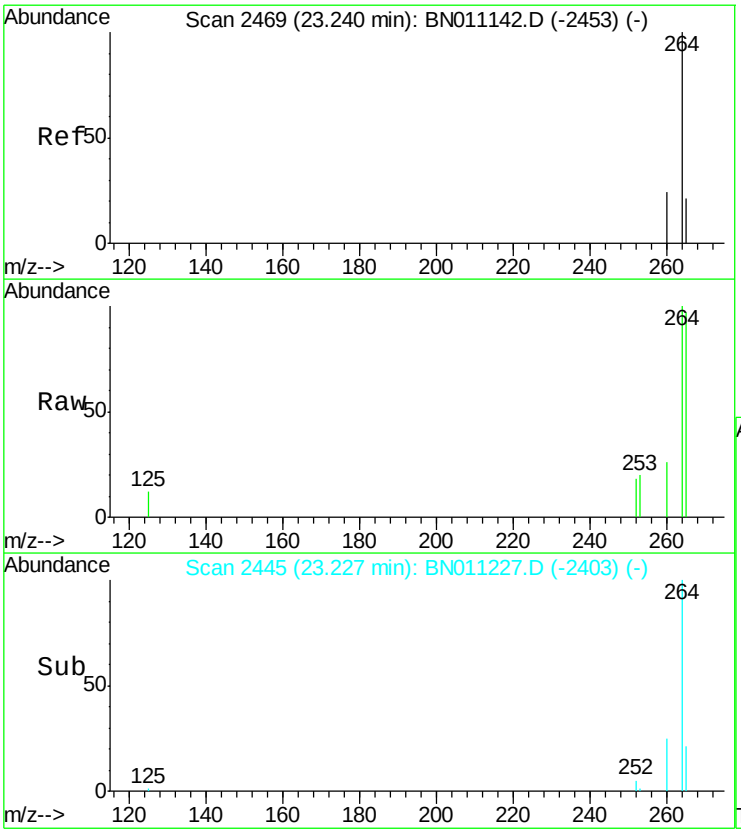
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng
RT: 25.31 min Scan# 3053
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:276 Resp: 6089

Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.0	19.6
277	24.8	19.7	29.5

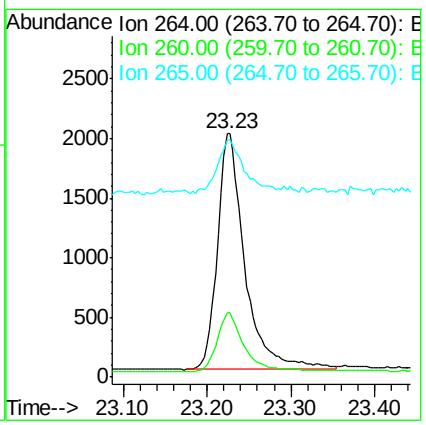


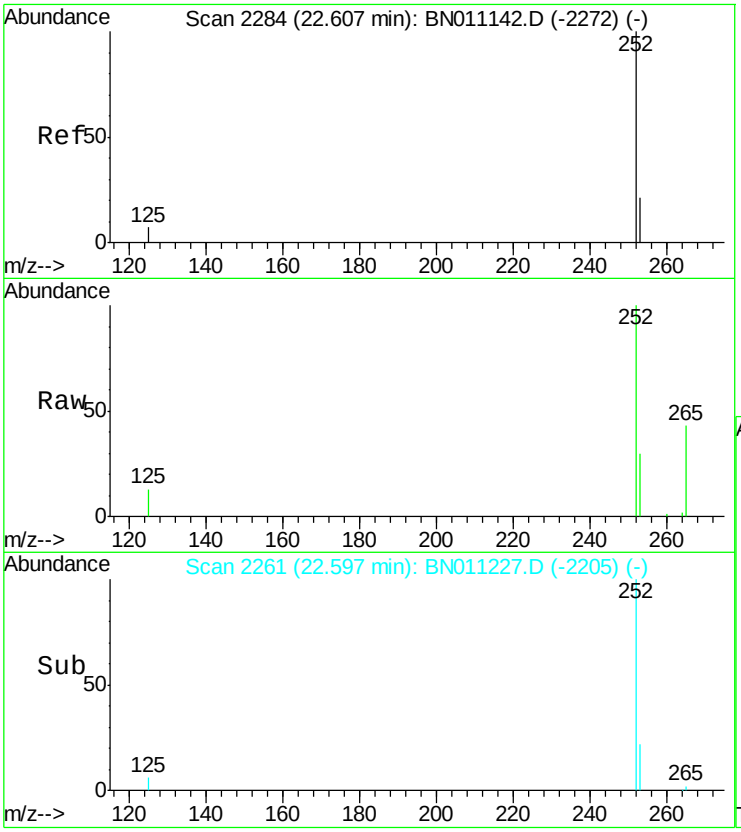


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.23 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:264 Resp: 4468

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.1	30.1
265	97.3	76.6	115.0



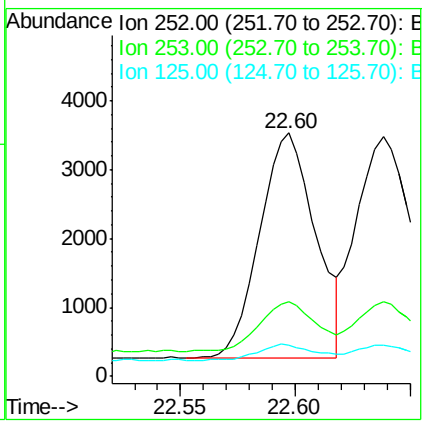


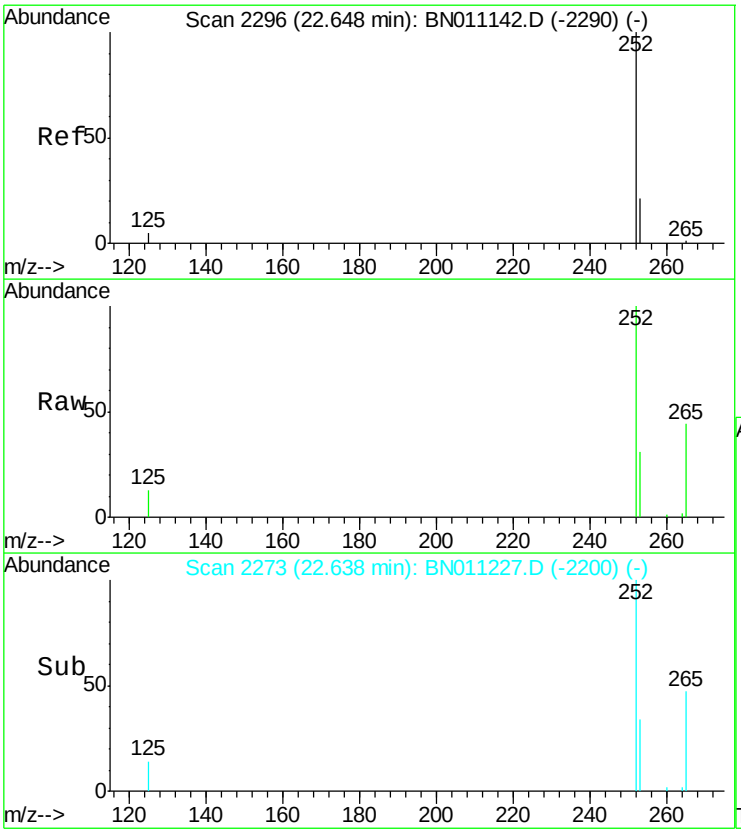
#37
Benzo(b)fluoranthene
Concen: 0.307 ng
RT: 22.60 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:252 Resp: 5506

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.6	34.0
125	12.5	9.6	14.4

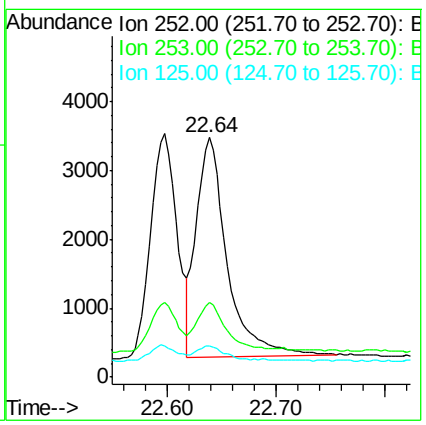


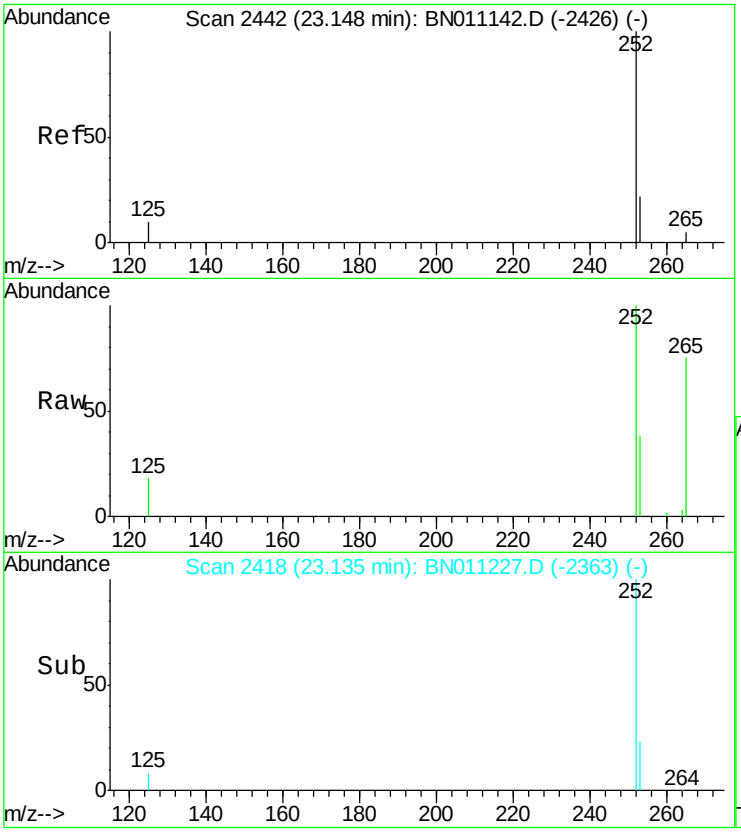


#38
Benzo(k)fluoranthene
Concen: 0.310 ng
RT: 22.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:252 Resp: 6294

Ion	Ratio	Lower	Upper
252	100		
253	31.1	22.2	33.4
125	12.8	11.0	16.4



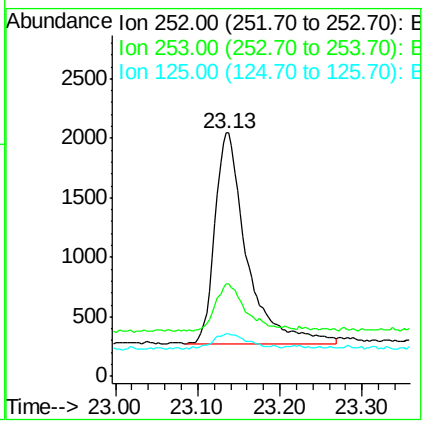


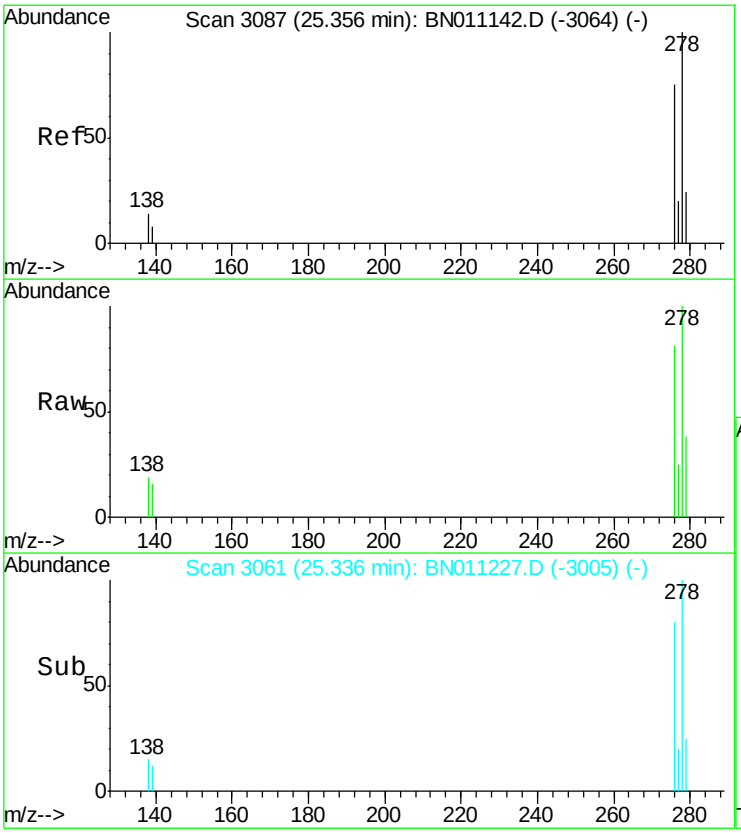
#39
Benzo(a)pyrene
Concen: 0.295 ng
RT: 23.13 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:252 Resp: 4761

Ion	Ratio	Lower	Upper
252	100		
253	38.1	25.8	38.6
125	17.7	13.4	20.0

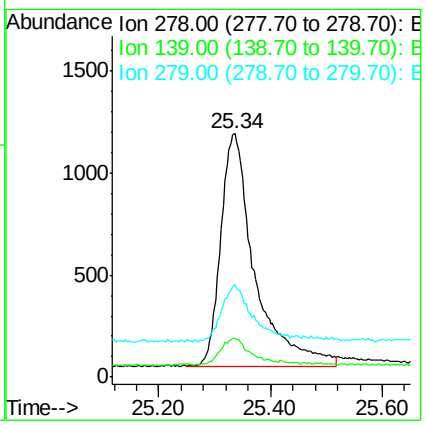


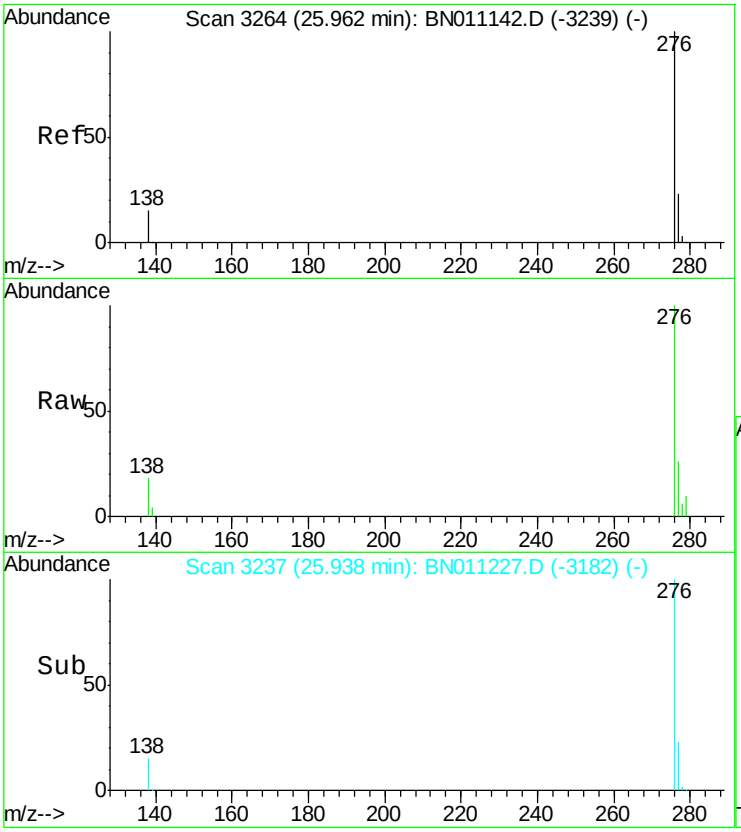


#40
Dibenzo(a,h)anthracene
Concen: 0.280 ng
RT: 25.34 min Scan# 3061
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Tgt Ion:278 Resp: 4803

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.7	17.5
279	37.9	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.319 ng
RT: 25.94 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BN011227.D
Acq: 22 Jul 2020 20:49

Instrument :
BNA_N
ClientSampleId :
PB130401BSD

Tgt Ion:276 Resp: 6003

Ion	Ratio	Lower	Upper
276	100		
277	25.8	20.5	30.7
138	17.8	13.8	20.6