Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073120\
Data File : BN011325.D
Acq On : 31 Jul 2020 13:29
Operator : CG/JU
Sample : PB130596BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130596BS

Quant Time: Jul 31 14:06:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	1672	0.40	ng		0.00
7) Naphthalene-d8	10.21	136	5680	0.40	ng		0.00
13) Acenaphthene-d10	14.09	164	3380	0.40	ng		0.00
19) Phenanthrene-d10	16.85	188	8198	0.40	ng		0.00
29) Chrysene-d12	21.07	240	8548	0.40	ng		0.00
36) Perylene-d12	23.20	264	8516	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.13	112	1665	0.38	ng		0.00
5) Phenol-d6	6.68	99	1799	0.34	ng		0.00
8) Nitrobenzene-d5	8.60	82	2084	0.41	ng		0.00
11) 2-Methylnaphthalene-d10	11.81	152	3309	0.32	ng		0.00
14) 2,4,6-Tribromophenol	15.60	330	536	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.71	172	6213	0.43	ng		0.00
27) Fluoranthene-d10	18.89	212	8409	0.34	ng		0.00
31) Terphenyl-d14	19.51	244	9336	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	516	0.219	ng	#	76
3) n-Nitrosodimethylamine	3.50	42	392	0.325	ng	#	94
6) bis(2-Chloroethyl)ether	6.92	93	1347	0.303	ng		99
9) Naphthalene	10.26	128	5245	0.311	ng		99
10) Hexachlorobutadiene	10.55	225	1146	0.281	ng	#	99
12) 2-Methylnaphthalene	11.89	142	3595	0.301	ng		97
16) Acenaphthylene	13.81	152	5294	0.304	ng		99
17) Acenaphthene	14.15	154	3378	0.298	ng		99
18) Fluorene	15.16	166	4622	0.317	ng		99
20) 4,6-Dinitro-2-methylphenol	15.27	198	368	0.408	ng		93
21) 4-Bromophenyl-phenylether	16.06	248	1474	0.271	ng		93
22) Hexachlorobenzene	16.16	284	1585	0.257	ng		96
23) Atrazine	16.35	200	1125	0.266	ng		99
24) Pentachlorophenol	16.52	266	1072	0.561	ng		96
25) Phenanthrene	16.90	178	7864	0.295	ng		100
26) Anthracene	16.98	178	6736	0.304	ng		99
28) Fluoranthene	18.92	202	9606	0.317	ng		99
30) Pyrene	19.29	202	9587	0.249	ng		99
32) Benzo(a)anthracene	21.06	228	9233	0.322	ng		99
33) Chrysene	21.11	228	10663	0.332	ng		99
34) Bis(2-ethylhexyl)phthalate	21.01	149	3805	0.248	ng		99
35) Indeno(1,2,3-cd)pyrene	25.27	276	10035	0.320	ng		97
37) Benzo(b)fluoranthene	22.57	252	10294	0.303	ng		98
38) Benzo(k)fluoranthene	22.61	252	11333	0.303	ng		98
39) Benzo(a)pyrene	23.10	252	8810	0.299	ng		96
40) Dibenzo(a,h)anthracene	25.28	278	8164	0.268	ng		98
41) Benzo(g,h,i)perylene	25.89	276	9286	0.275	ng		98

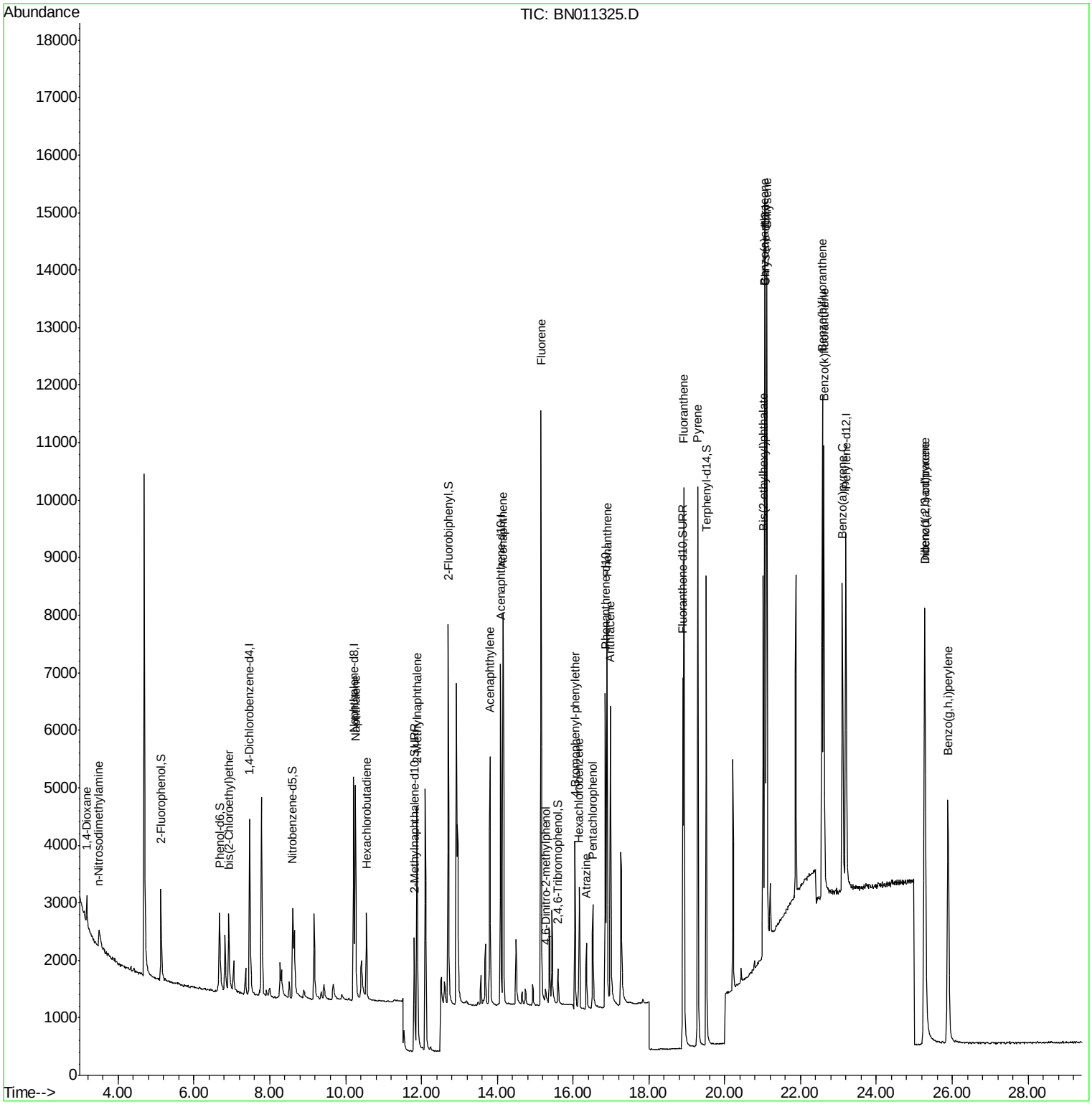
(#) = qualifier out of range (m) = manual integration (+) = signals summed

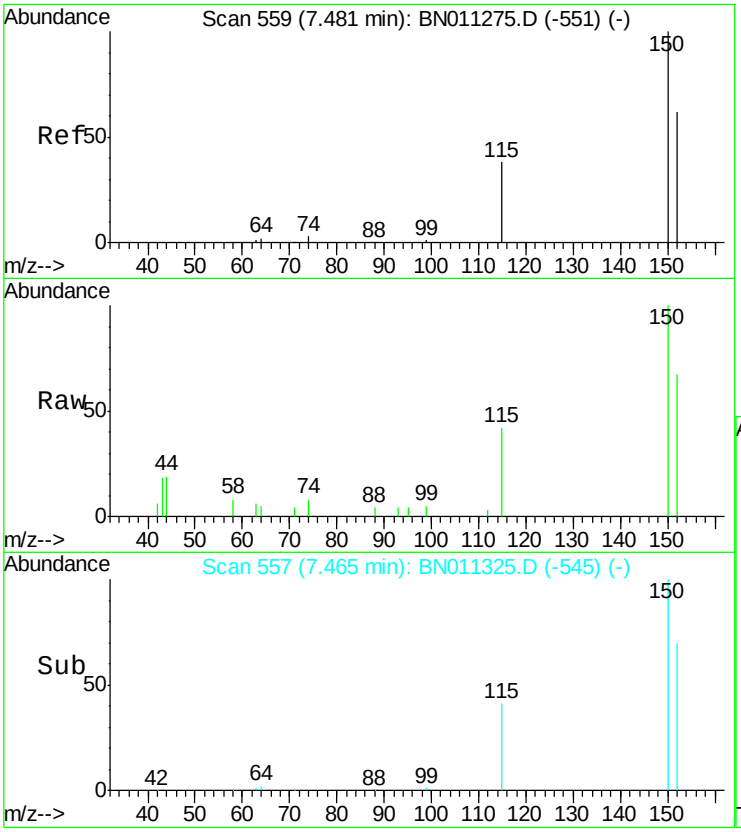
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN073120\
Data File : BN011325.D
Acq On : 31 Jul 2020 13:29
Operator : CG/JU
Sample : PB130596BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Quant Time: Jul 31 14:06:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration



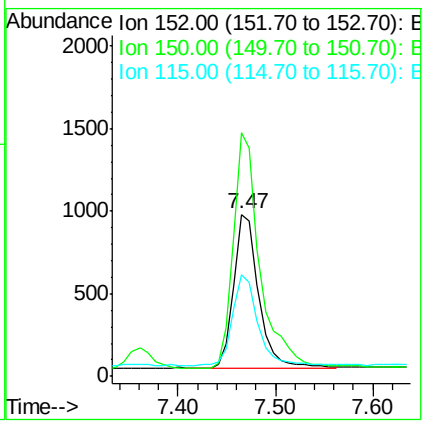


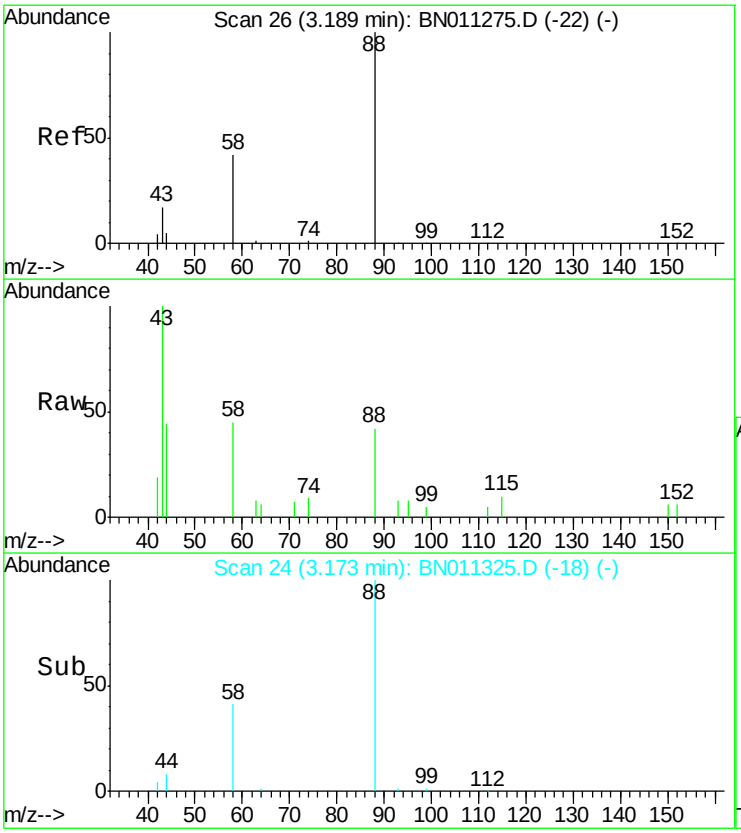
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.47 min Scan# 557
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:152 Resp: 1672

Ion	Ratio	Lower	Upper
152	100		
150	150.1	126.5	189.7
115	62.7	51.9	77.9

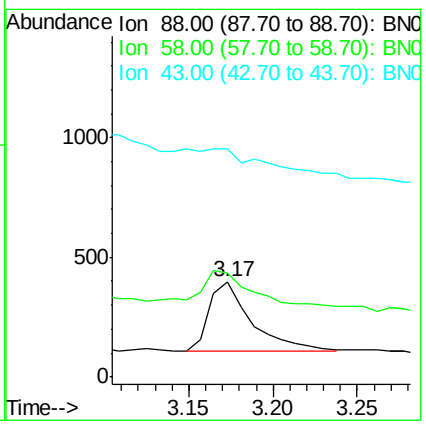


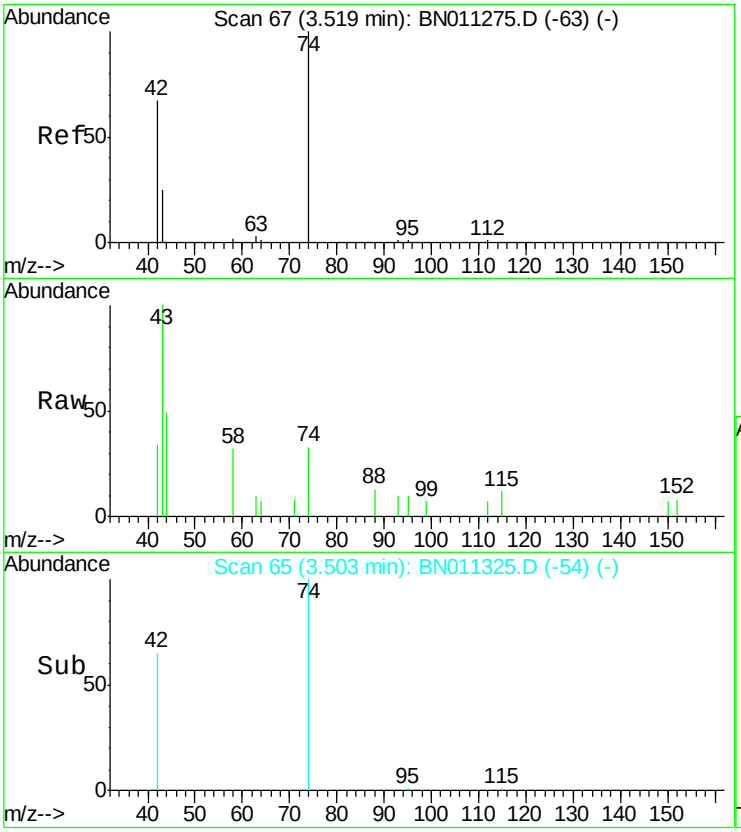


#2
1,4-Dioxane
Concen: 0.219 ng
RT: 3.17 min Scan# 24
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion: 88 Resp: 516

Ion	Ratio	Lower	Upper
88	100		
58	55.2	36.5	54.7#
43	0.0	16.1	24.1#



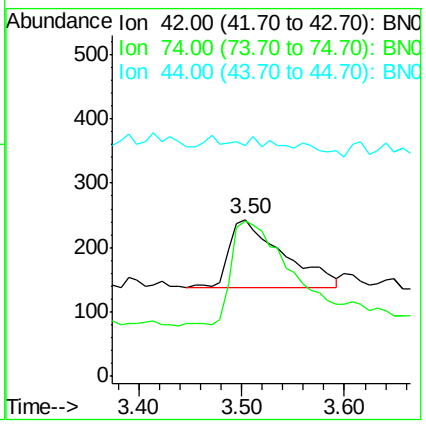


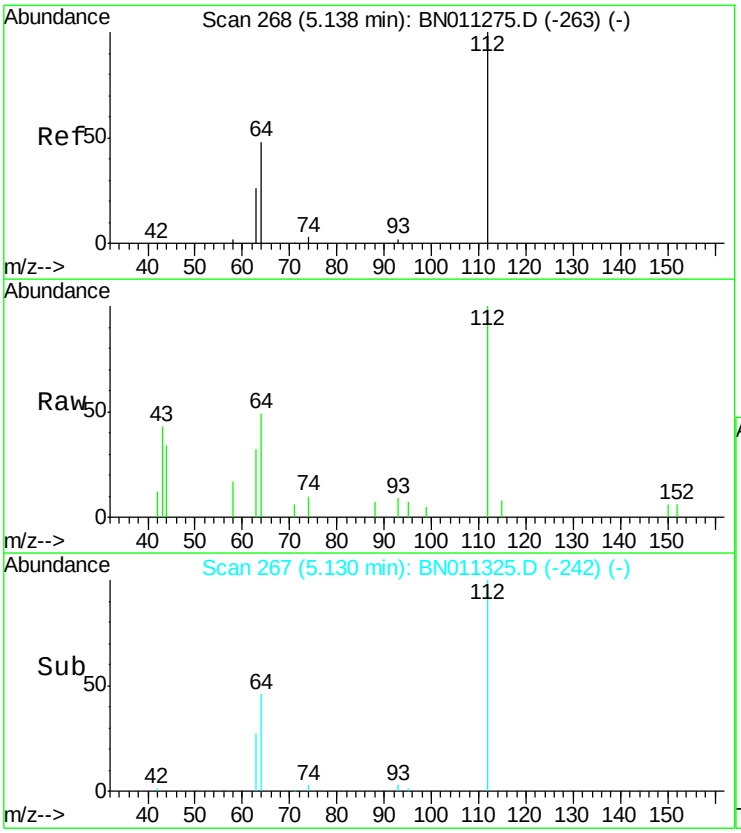
#3
n-Nitrosodimethylamine
Concen: 0.325 ng
RT: 3.50 min Scan# 65
Delta R.T. -0.01 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion: 42 Resp: 392

Ion	Ratio	Lower	Upper
42	100		
74	174.2	144.2	216.2
44	0.0	11.1	16.7#

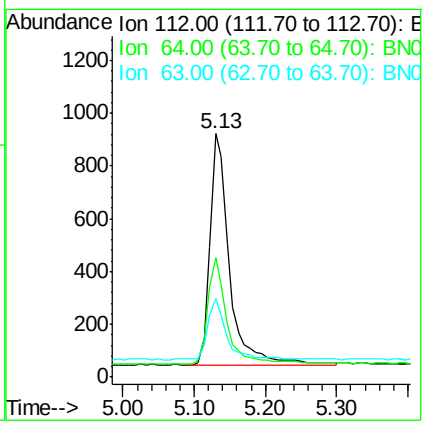


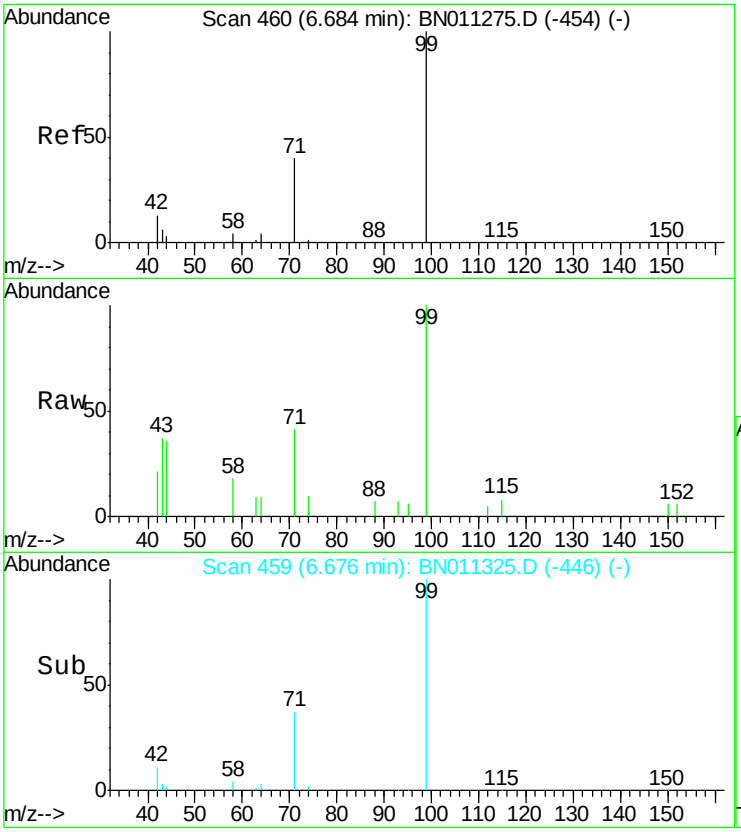


#4
2-Fluorophenol
Concen: 0.379 ng
RT: 5.13 min Scan# 267
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:112 Resp: 1665

Ion	Ratio	Lower	Upper
112	100		
64	44.3	35.8	53.6
63	27.3	19.3	28.9



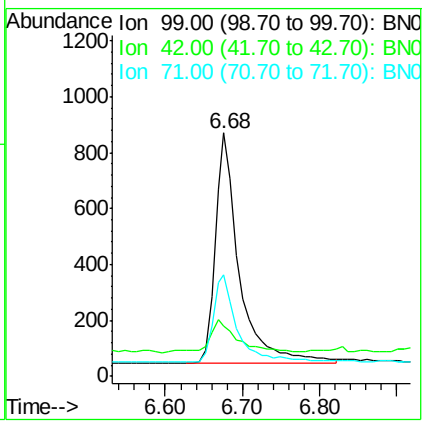


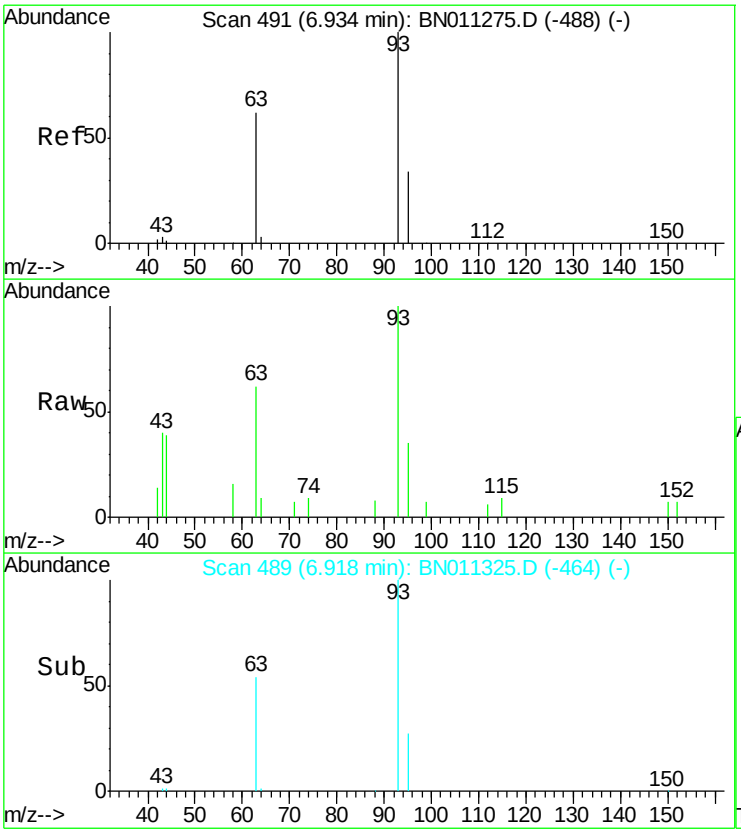
#5
Phenol-d6
Concen: 0.337 ng
RT: 6.68 min Scan# 459
Delta R.T. 0.01 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion: 99 Resp: 1799

Ion	Ratio	Lower	Upper
99	100		
42	16.1	11.2	16.8
71	38.6	30.6	45.8

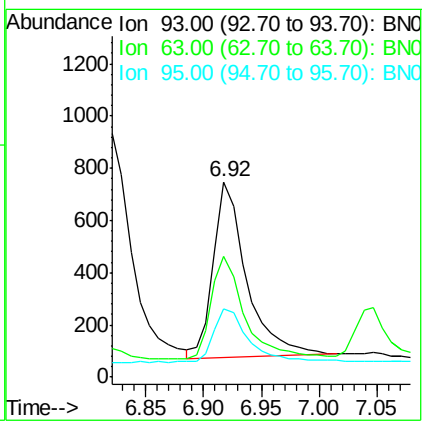


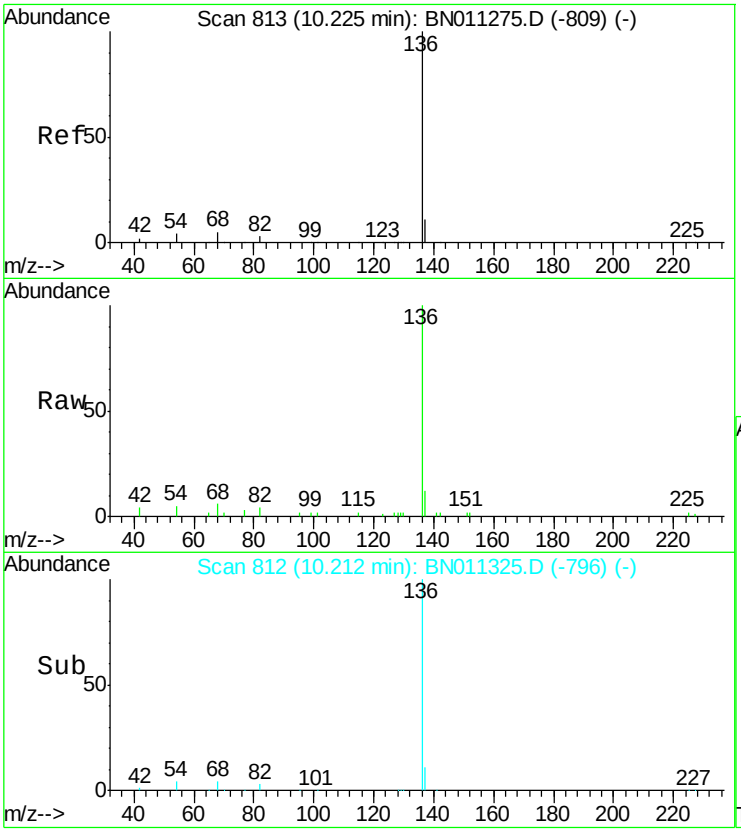


#6
bis(2-Chloroethyl)ether
Concen: 0.303 ng
RT: 6.92 min Scan# 489
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion: 93 Resp: 1347

Ion	Ratio	Lower	Upper
93	100		
63	60.4	47.8	71.6
95	35.2	27.1	40.7



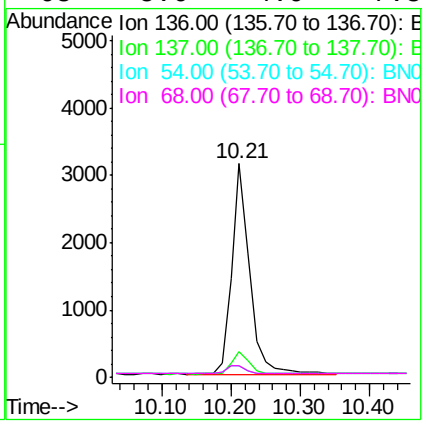


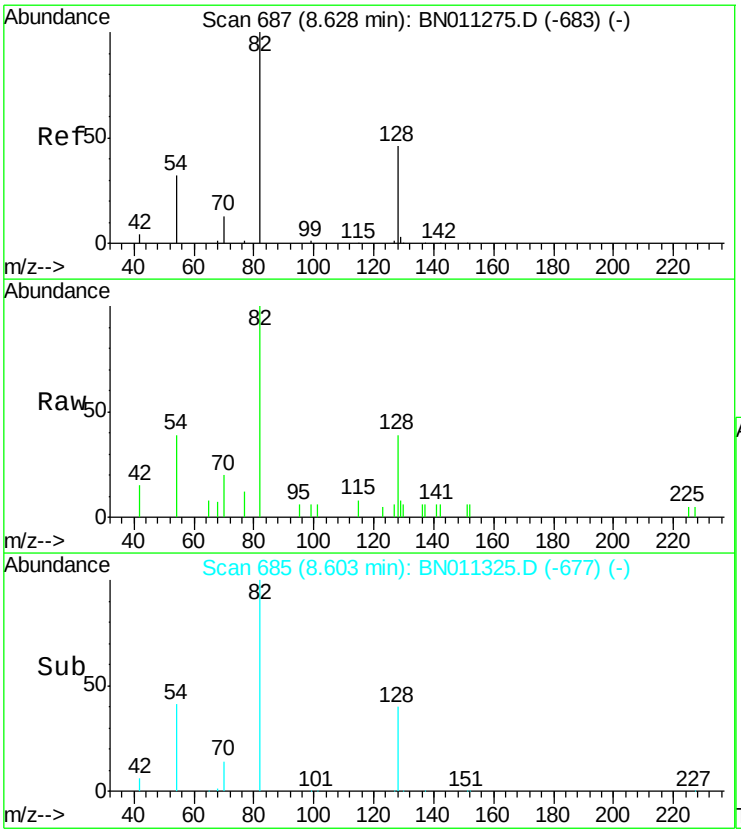
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.21 min Scan# 812
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:136 Resp: 5680

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.9	14.9
54	5.2	4.8	7.2
68	5.6	4.9	7.3

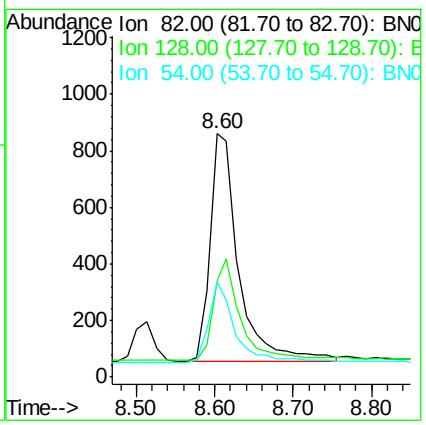


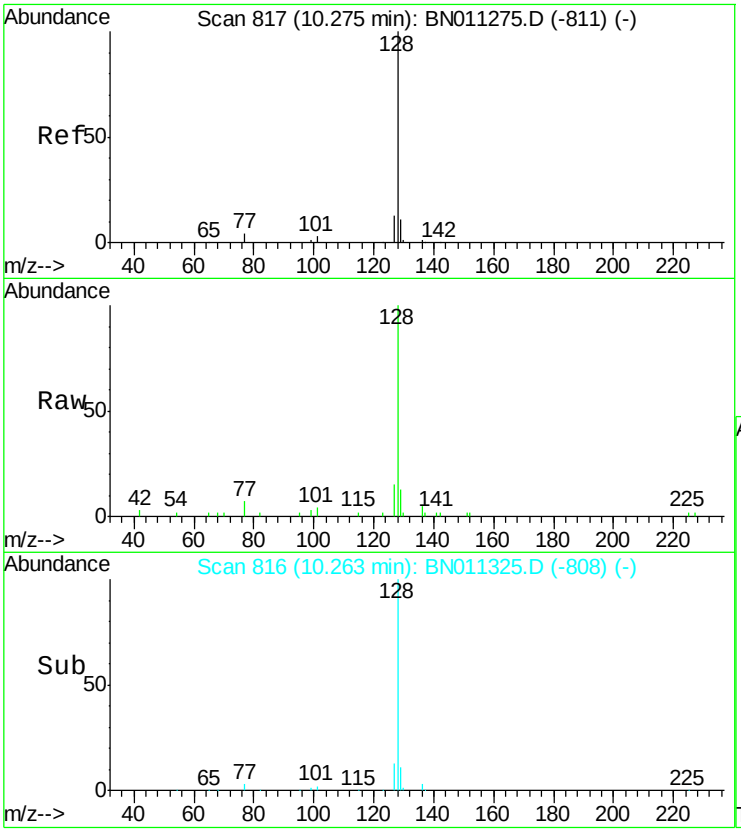


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.60 min Scan# 685
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion: 82 Resp: 2084

Ion	Ratio	Lower	Upper
82	100		
128	39.5	40.1	60.1#
54	39.1	29.0	43.6



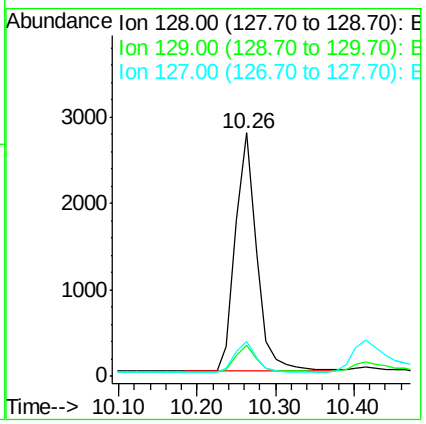


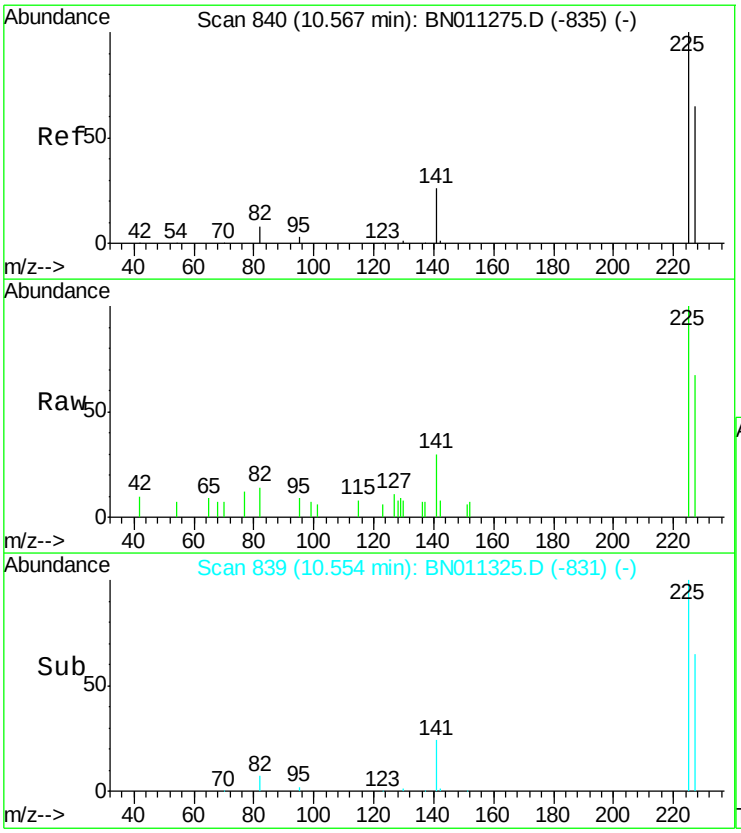
#9
Naphthalene
Concen: 0.311 ng
RT: 10.26 min Scan# 816
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:128 Resp: 5245

Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.7	14.5
127	14.6	11.5	17.3

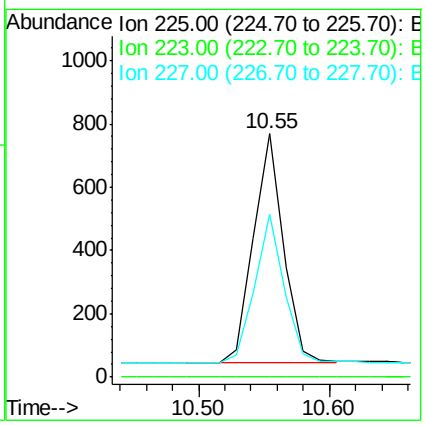


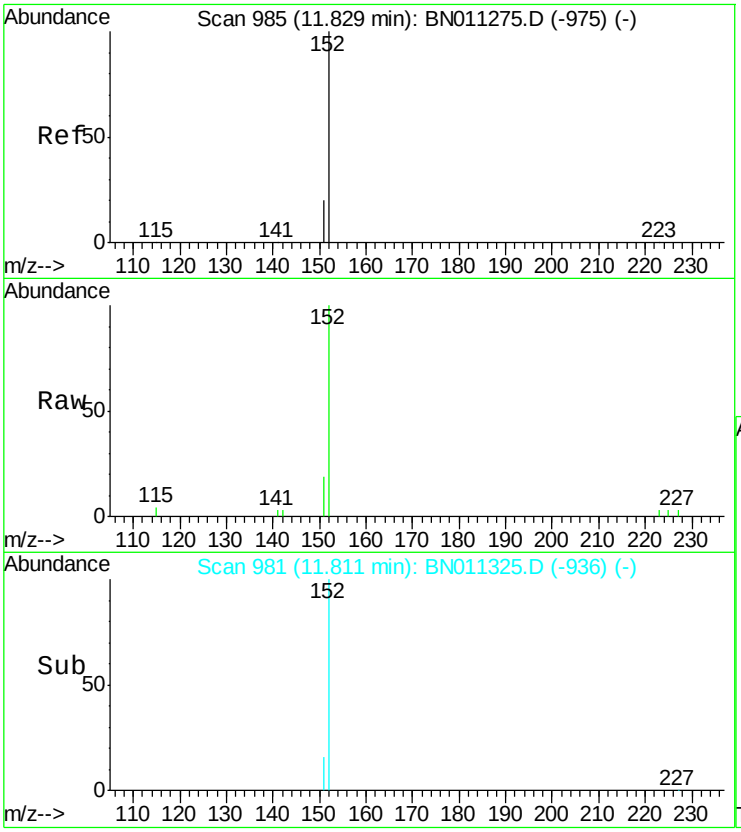


#10
Hexachlorobutadiene
Concen: 0.281 ng
RT: 10.55 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:225 Resp: 1146

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.7	77.5



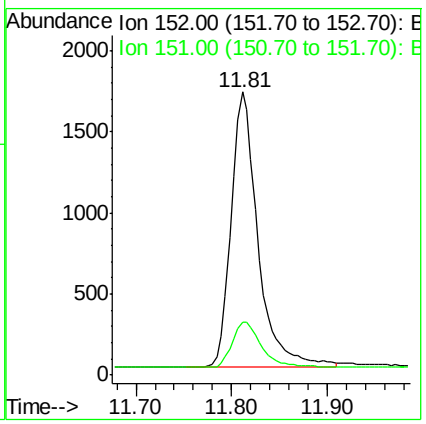


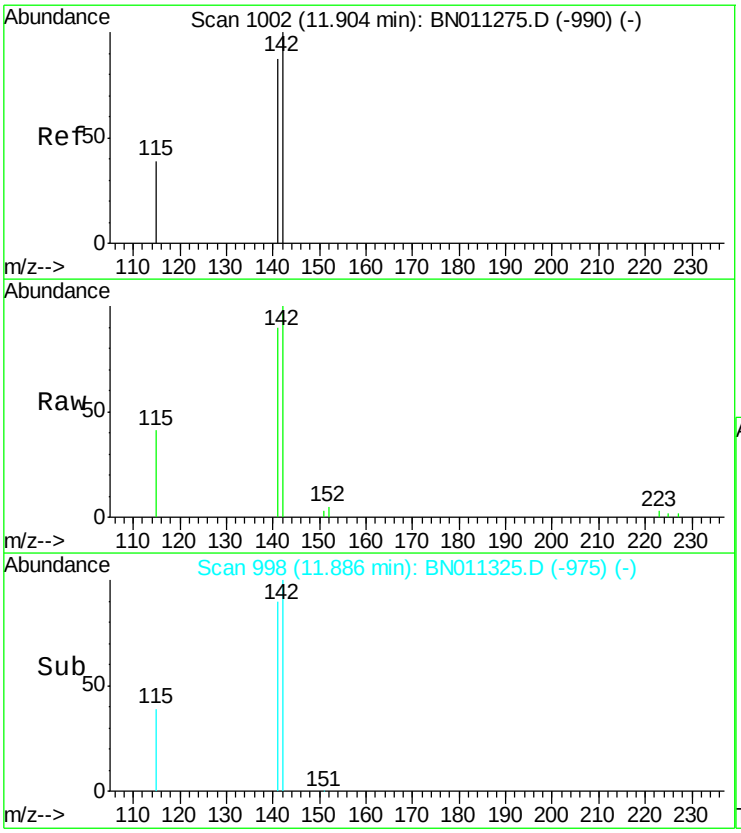
#11
2-Methylnaphthalene-d10
Concen: 0.319 ng
RT: 11.81 min Scan# 981
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:152 Resp: 3309

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.6	24.8

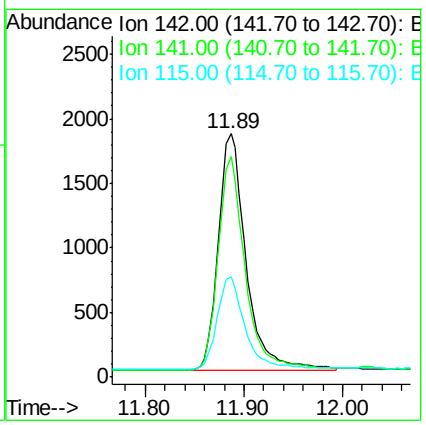


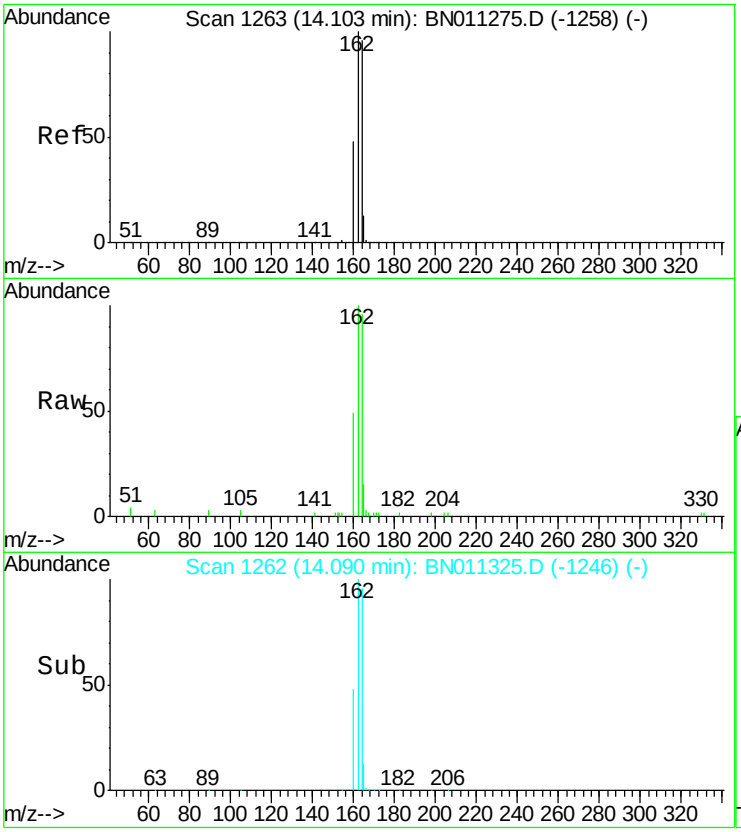


#12
2-Methylnaphthalene
Concen: 0.301 ng
RT: 11.89 min Scan# 998
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:142 Resp: 3595

Ion	Ratio	Lower	Upper
142	100		
141	90.4	69.6	104.4
115	41.1	32.5	48.7



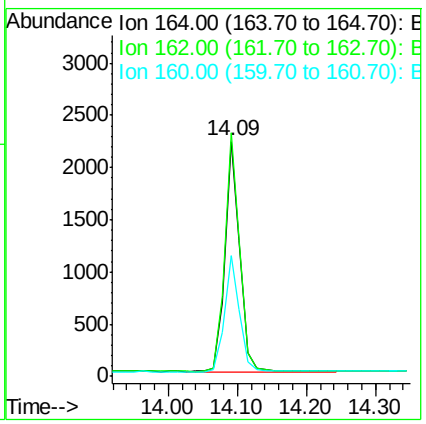


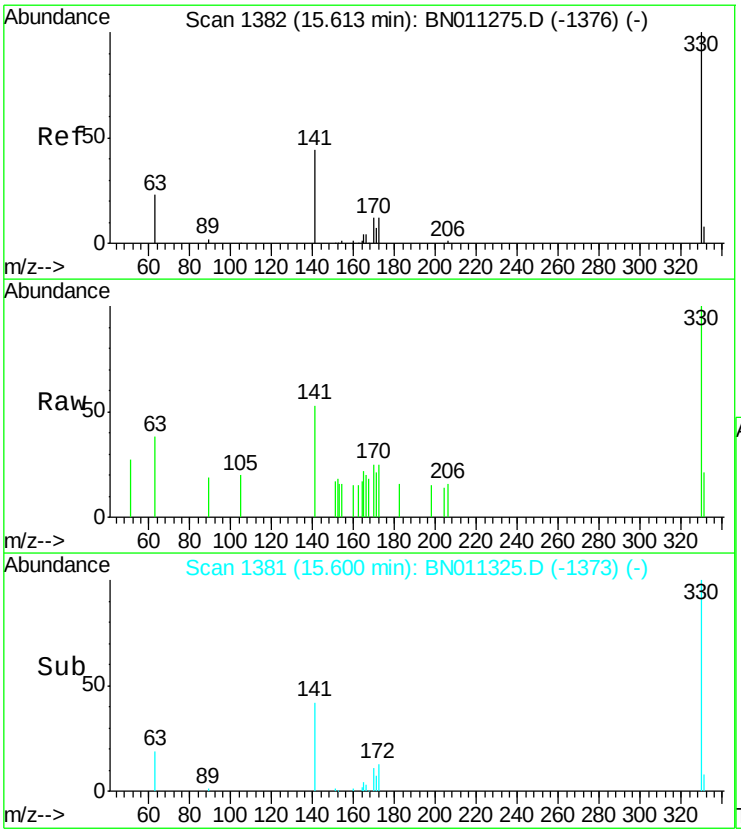
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:164 Resp: 3380

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.6	125.4
160	51.1	41.2	61.8

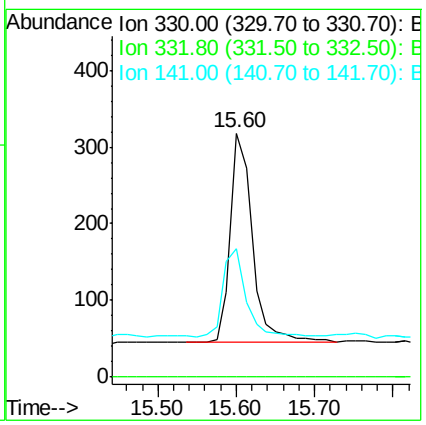


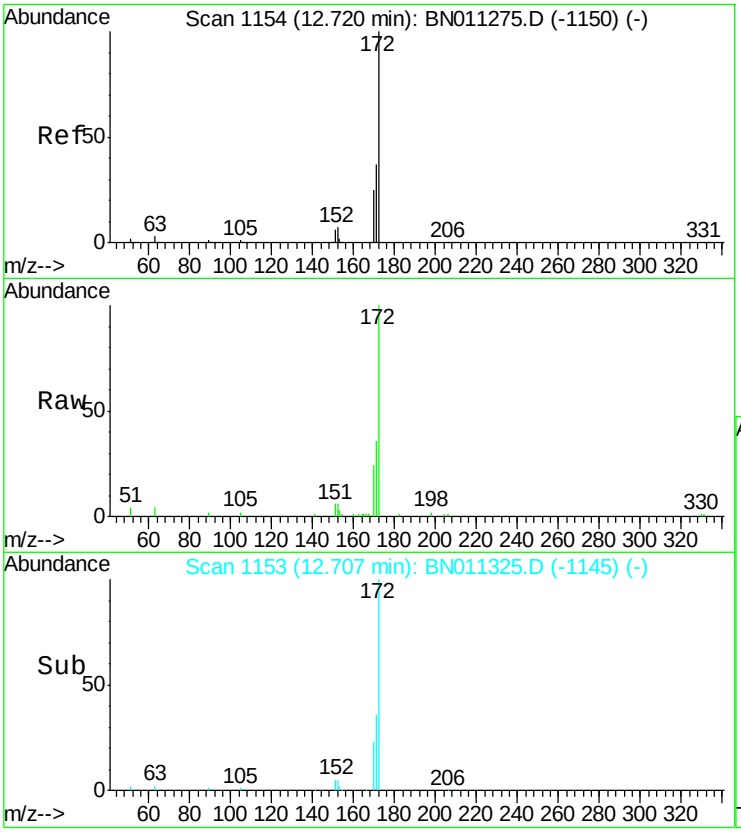


#14
2,4,6-Tribromophenol
Concen: 0.344 ng
RT: 15.60 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:330 Resp: 536

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.8	34.2	51.2



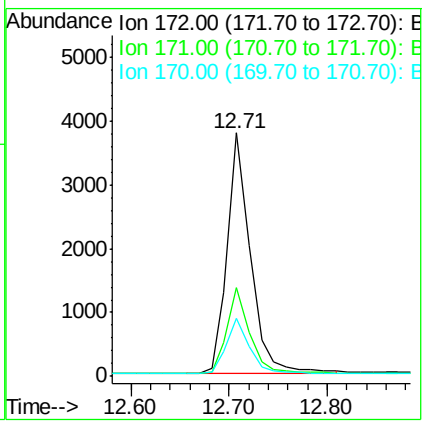


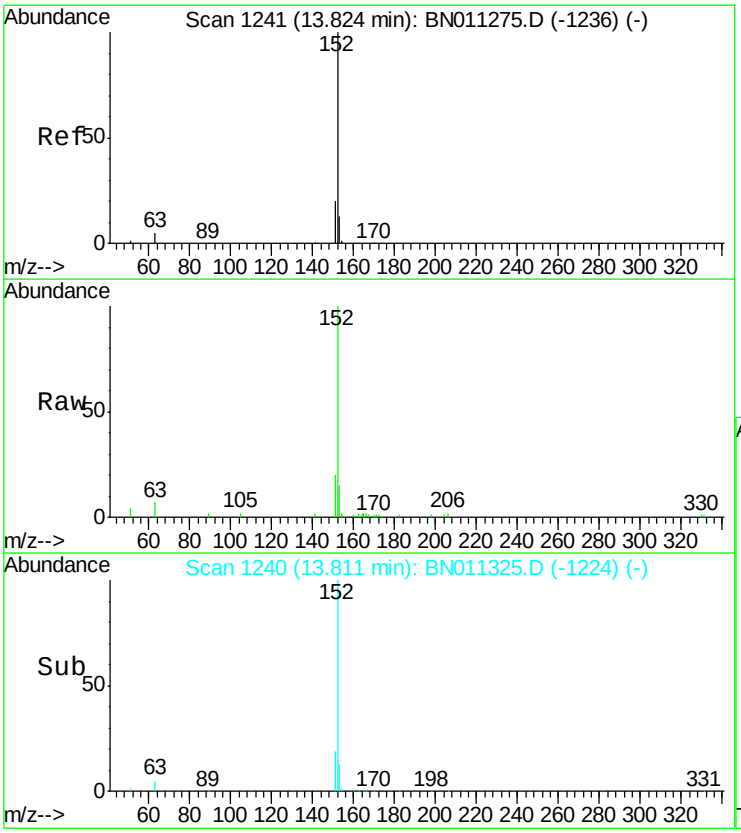
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.71 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:172 Resp: 6213

Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	23.8	21.0	31.4

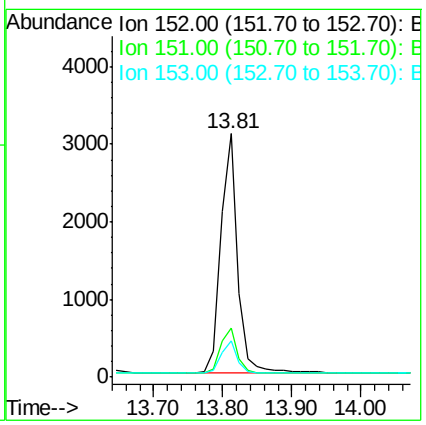


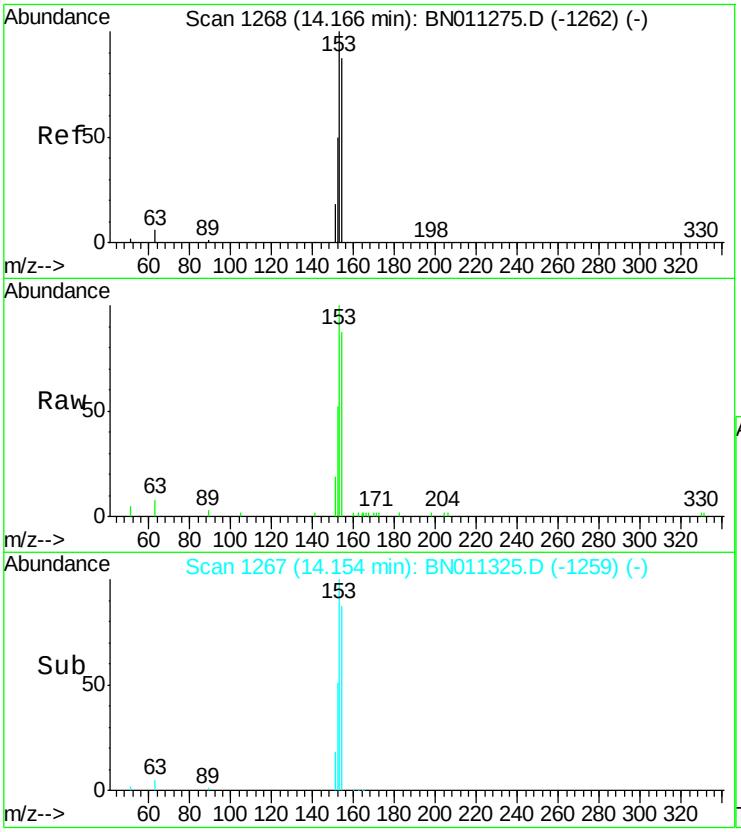


#16
Acenaphthylene
Concen: 0.304 ng
RT: 13.81 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:152 Resp: 5294

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.8	23.8
153	13.1	10.2	15.4



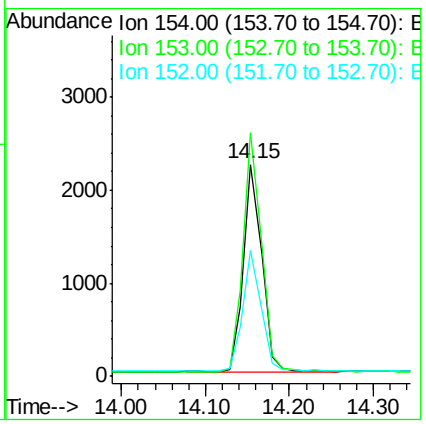


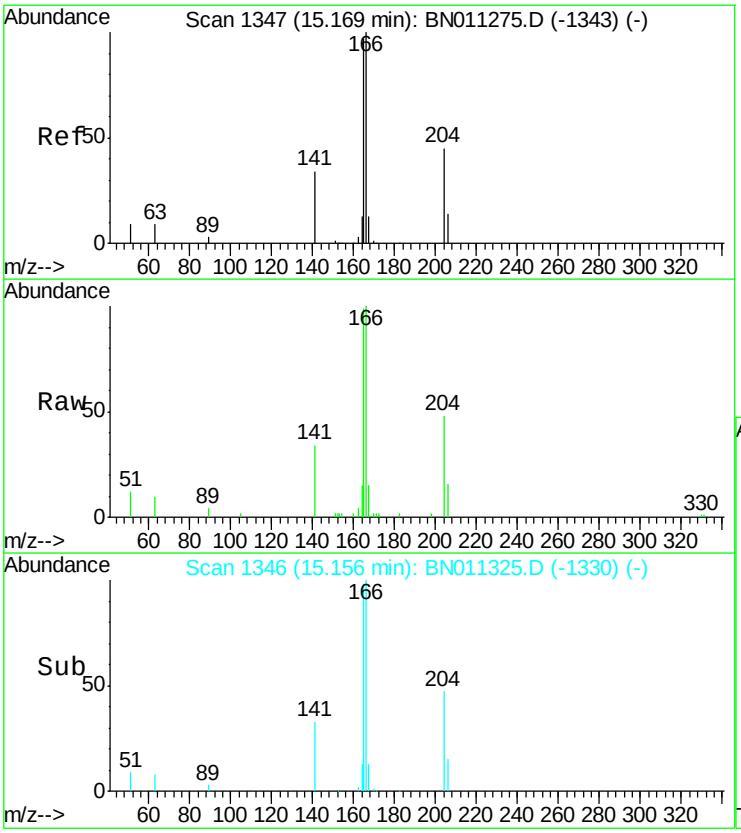
#17
Acenaphthene
Concen: 0.298 ng
RT: 14.15 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:154 Resp: 3378

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.3	136.9
152	59.1	45.8	68.6

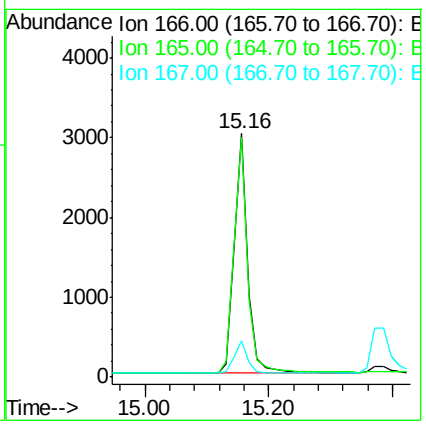


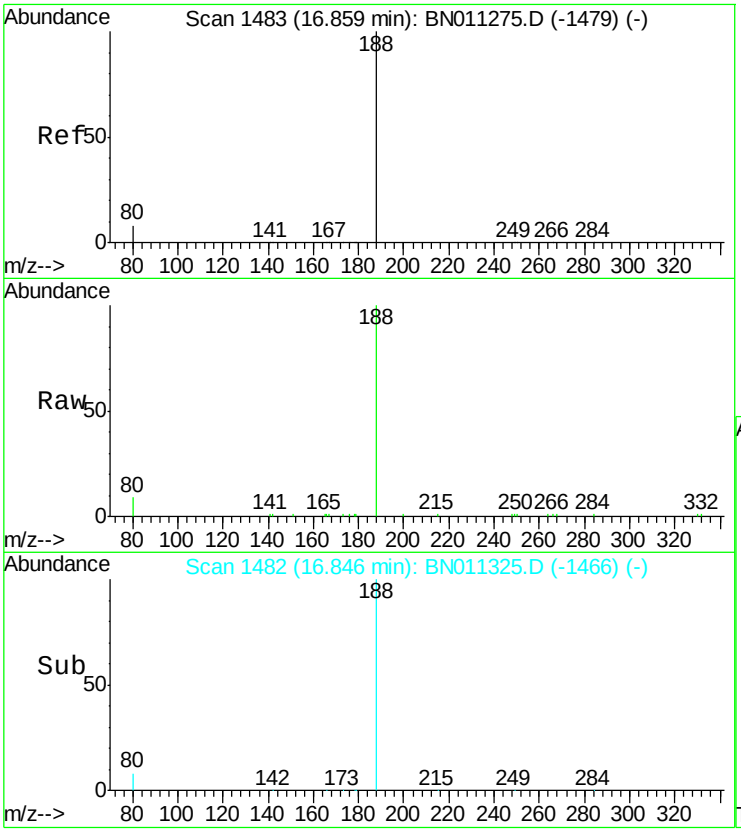


#18
Fluorene
Concen: 0.317 ng
RT: 15.16 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:166 Resp: 4622

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.6	119.4
167	13.7	10.8	16.2



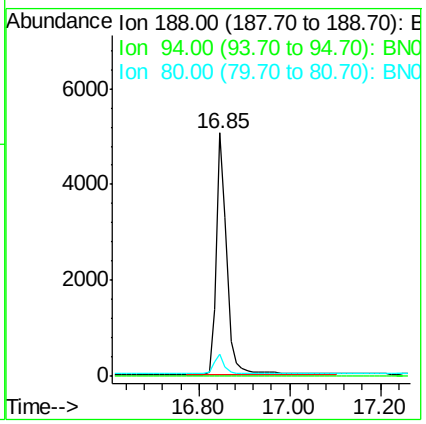


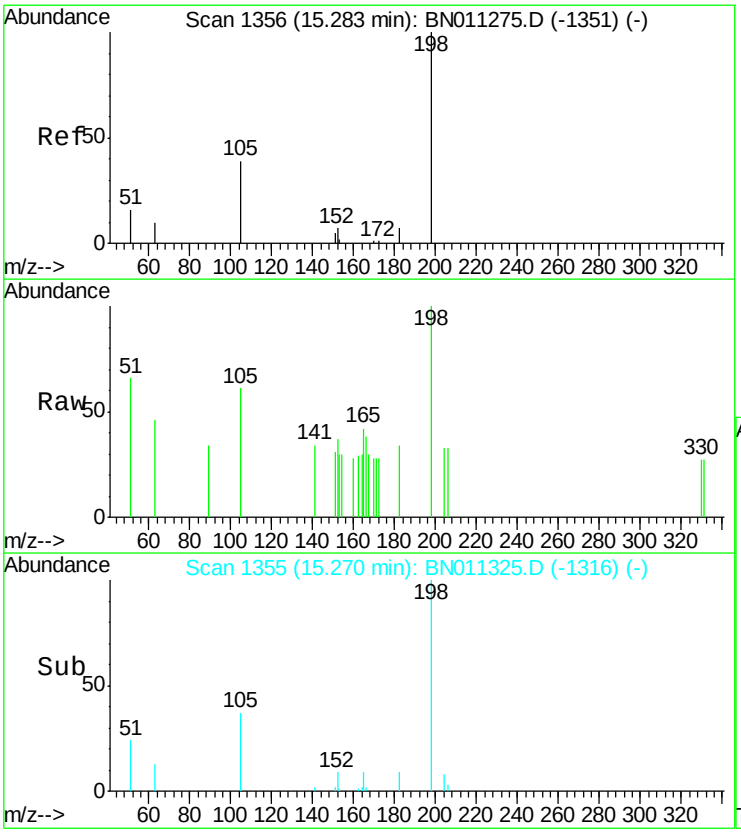
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.85 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:188 Resp: 8198

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.0

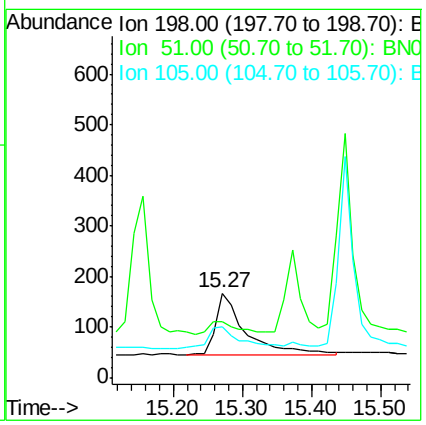


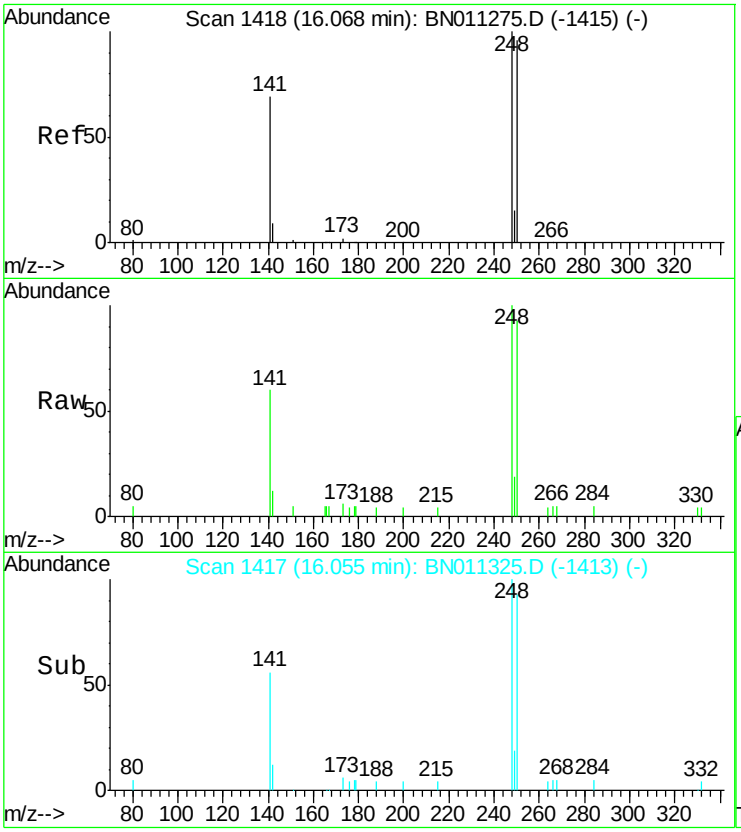


#20
4,6-Dinitro-2-methylphenol
Concen: 0.408 ng
RT: 15.27 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:198 Resp: 368

Ion	Ratio	Lower	Upper
198	100		
51	65.7	49.0	73.6
105	60.8	53.8	80.6



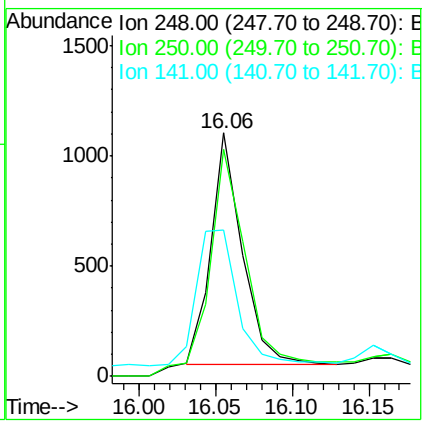


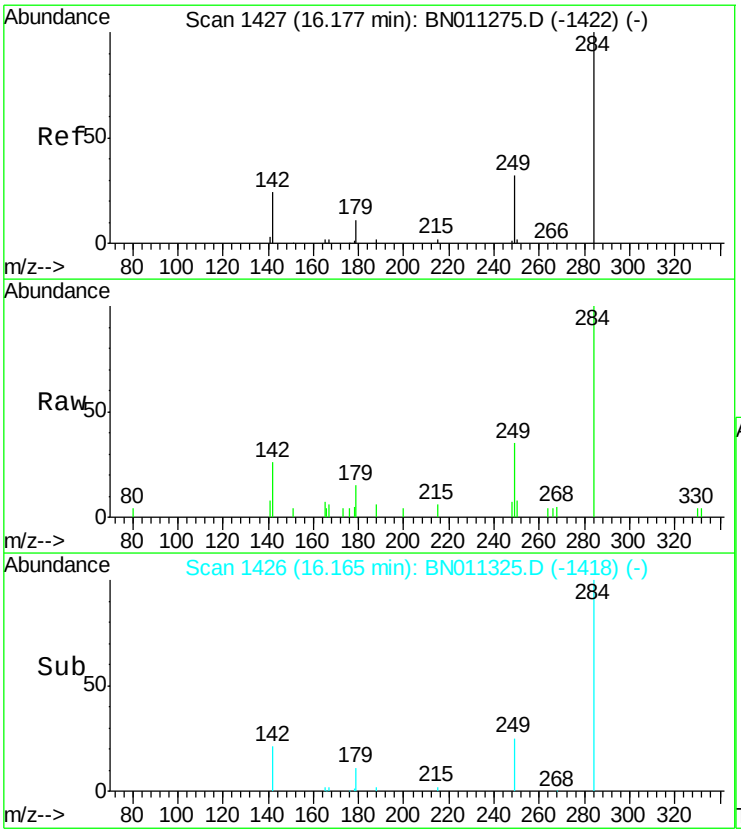
#21
4-Bromophenyl-phenylether
Concen: 0.271 ng
RT: 16.06 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:248 Resp: 1474

Ion	Ratio	Lower	Upper
248	100		
250	93.5	77.2	115.8
141	60.1	56.5	84.7

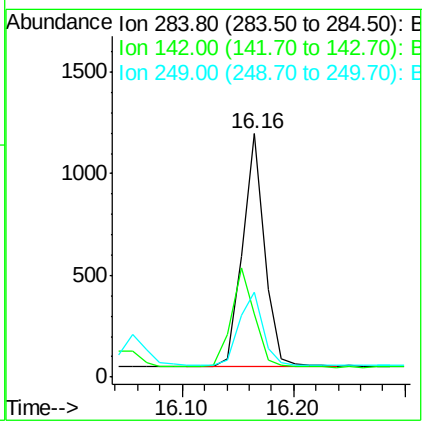


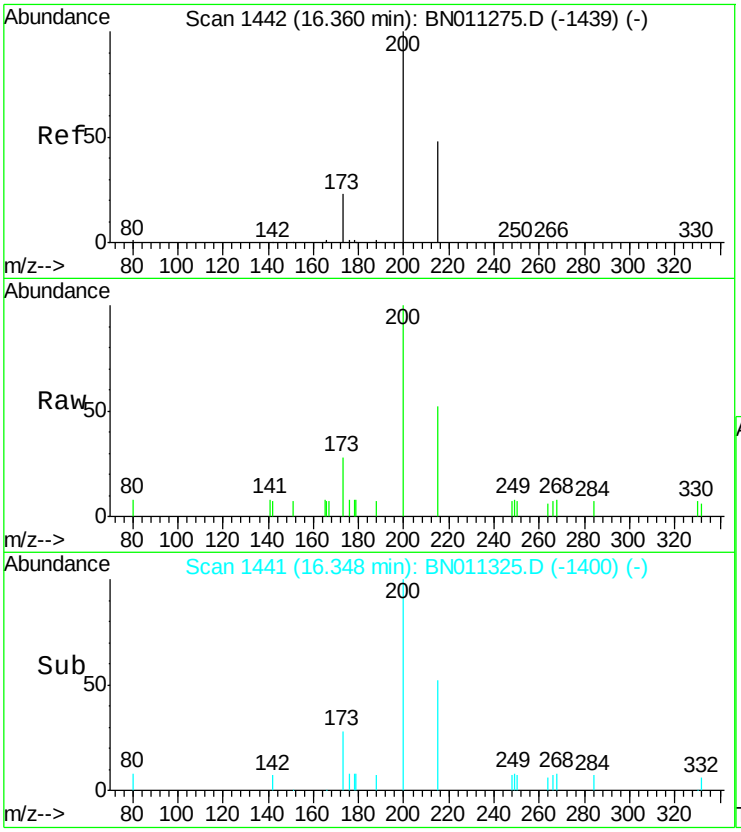


#22
Hexachlorobenzene
Concen: 0.257 ng
RT: 16.16 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:284 Resp: 1585

Ion	Ratio	Lower	Upper
284	100		
142	44.8	32.8	49.2
249	34.1	26.6	40.0



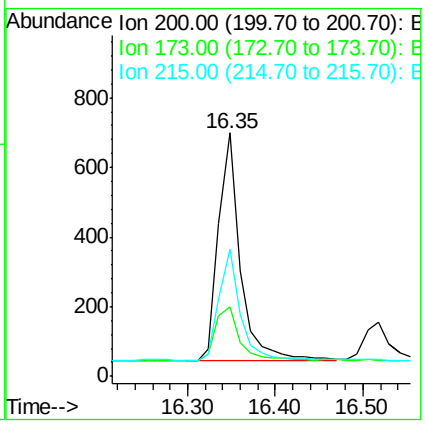


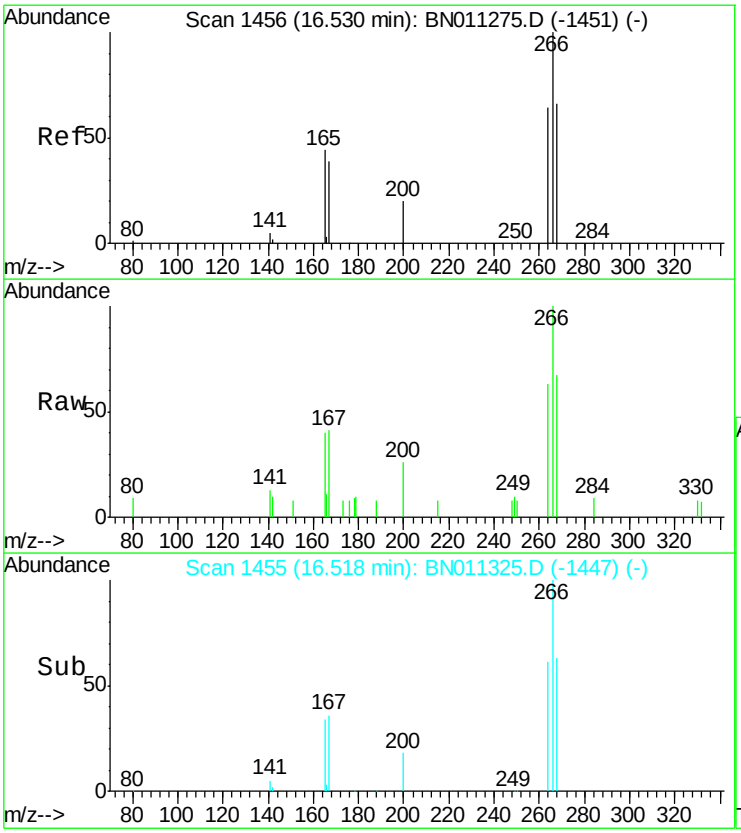
#23
Atrazine
Concen: 0.266 ng
RT: 16.35 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:200 Resp: 1125

Ion	Ratio	Lower	Upper
200	100		
173	28.3	22.0	33.0
215	52.4	41.1	61.7

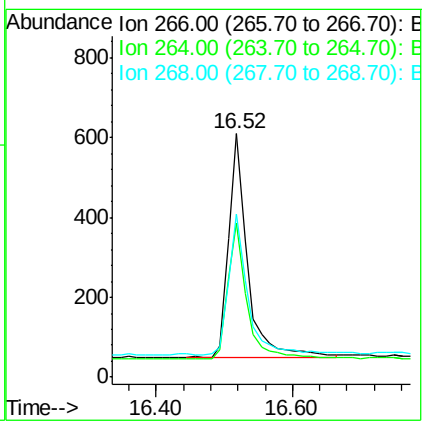


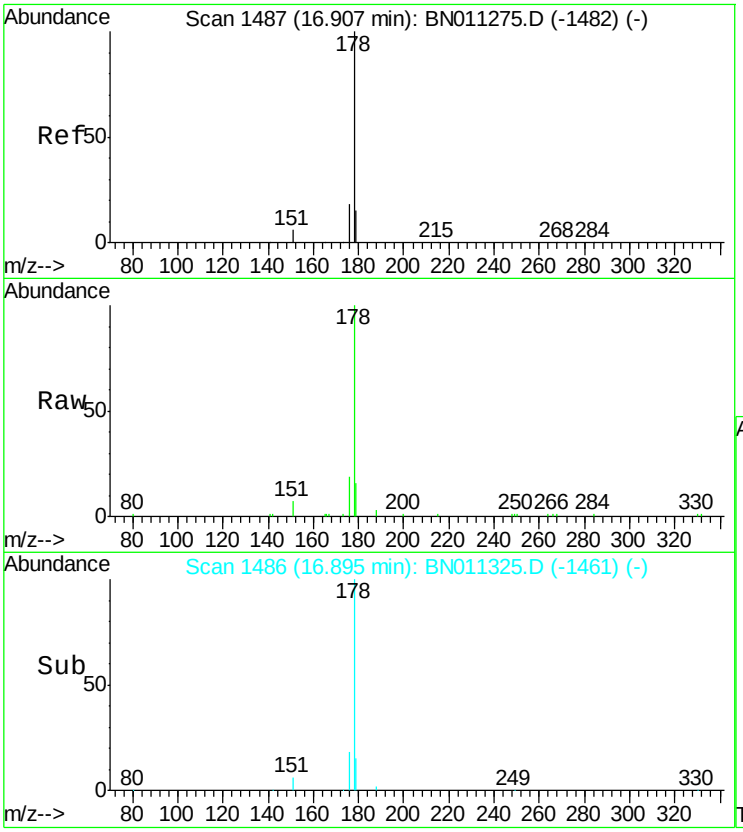


#24
Pentachlorophenol
Concen: 0.561 ng
RT: 16.52 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:266 Resp: 1072

Ion	Ratio	Lower	Upper
266	100		
264	62.7	51.1	76.7
268	64.5	55.5	83.3



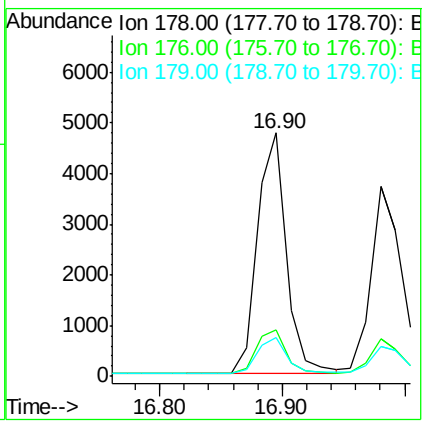


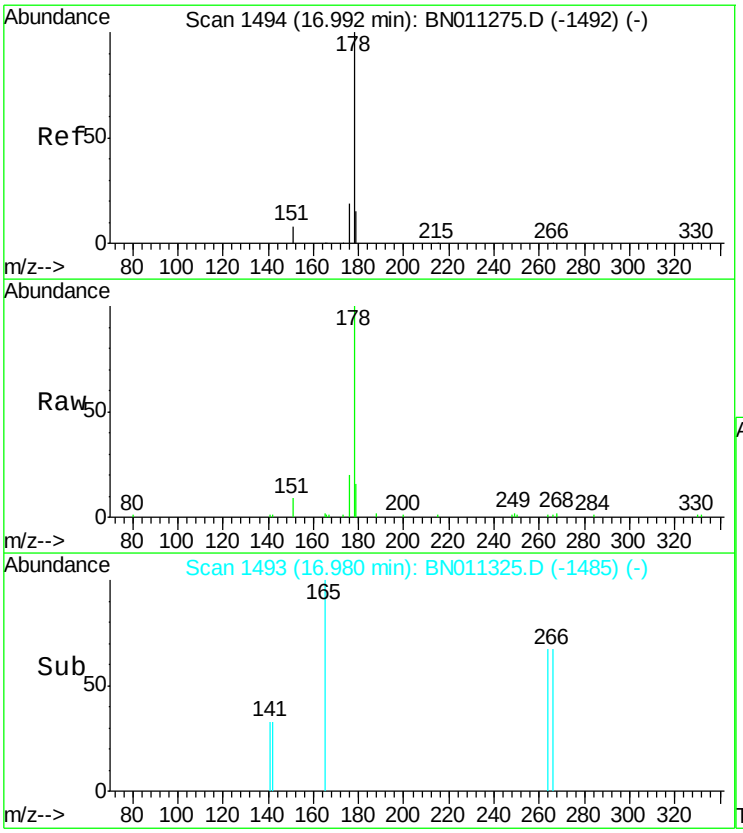
#25
Phenanthrene
Concen: 0.295 ng
RT: 16.90 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:178 Resp: 7864

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4

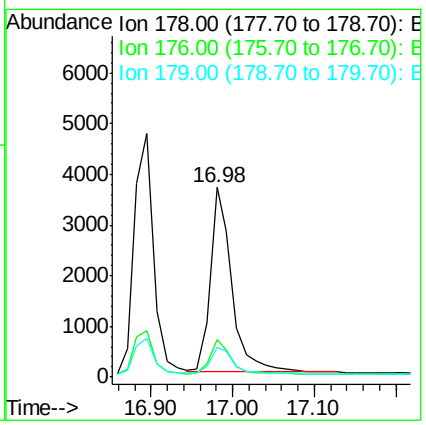


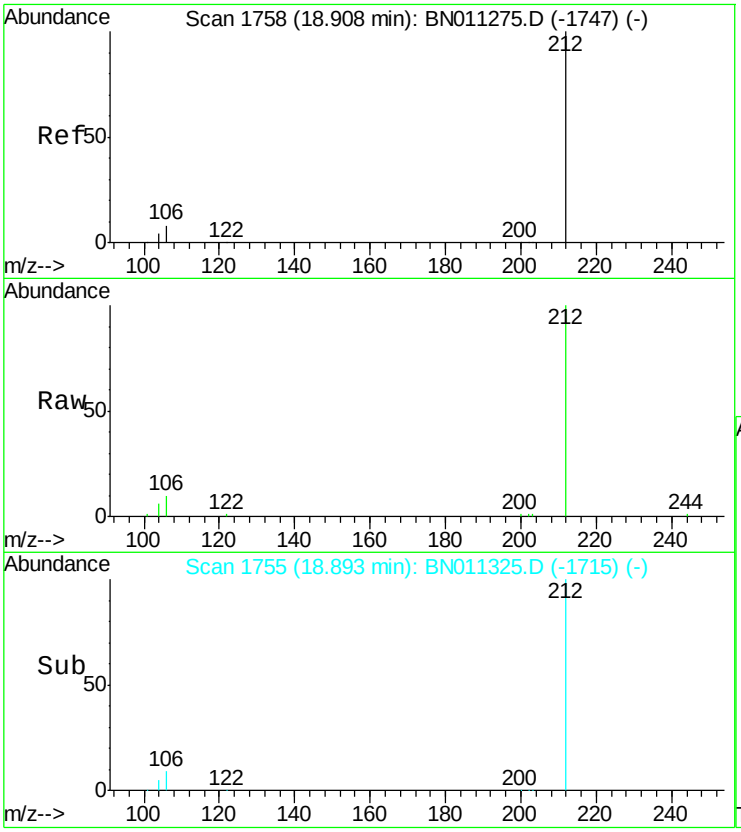


#26
Anthracene
Concen: 0.304 ng
RT: 16.98 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:178 Resp: 6736

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	15.3	12.1	18.1



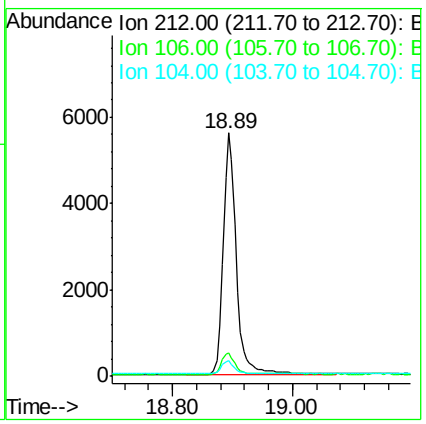


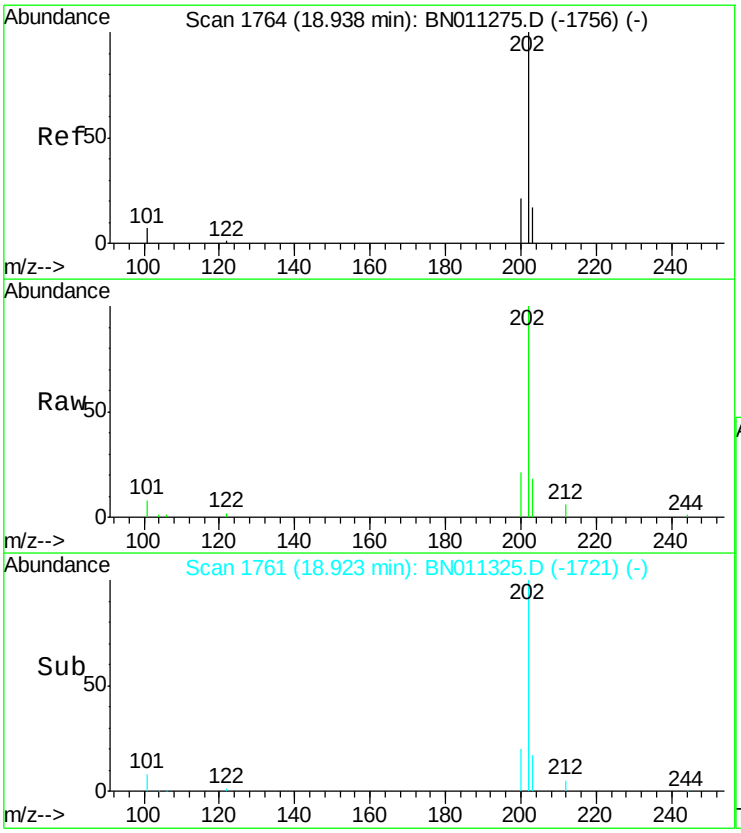
#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 18.89 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:212 Resp: 8409

Ion	Ratio	Lower	Upper
212	100		
106	9.0	6.9	10.3
104	5.3	4.2	6.2

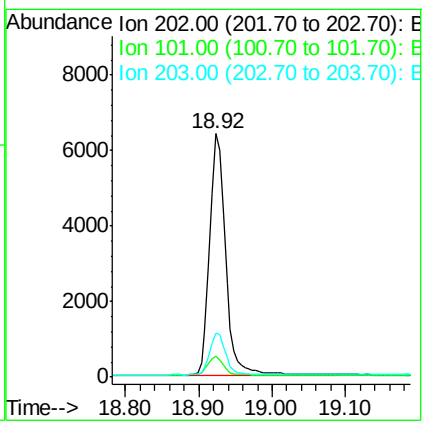


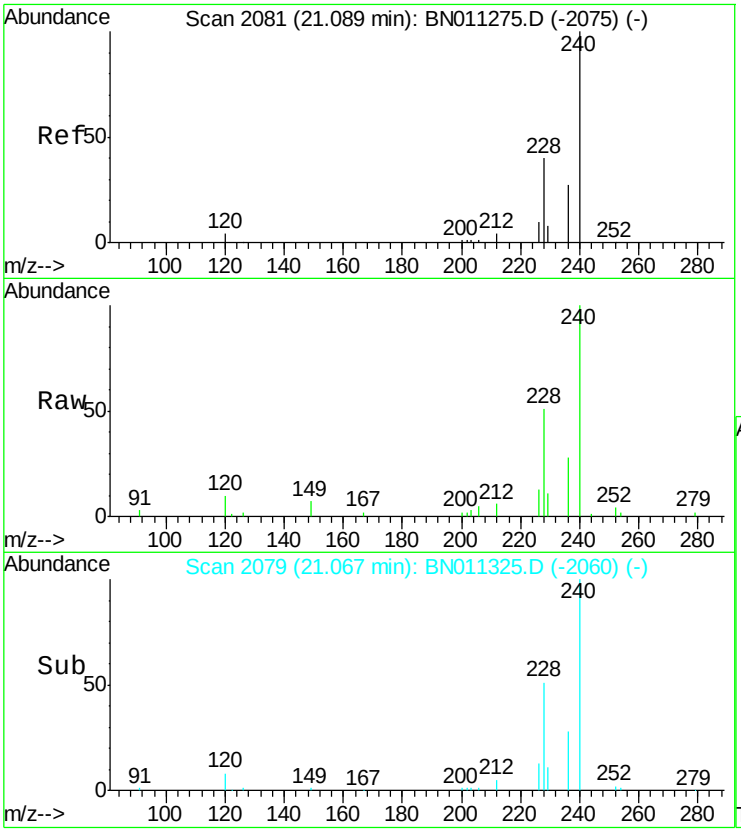


#28
Fluoranthene
Concen: 0.317 ng
RT: 18.92 min Scan# 1761
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:202 Resp: 9606

Ion	Ratio	Lower	Upper
202	100		
101	7.5	5.9	8.9
203	17.4	13.7	20.5



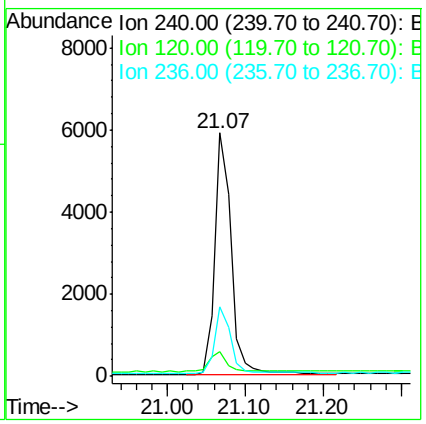


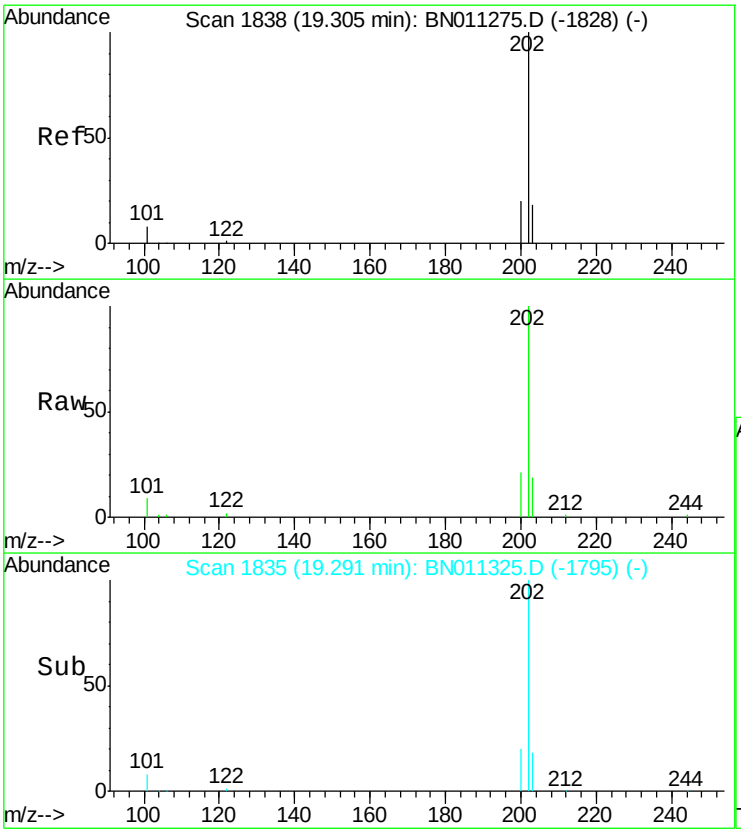
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.07 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:240 Resp: 8548

Ion	Ratio	Lower	Upper
240	100		
120	10.1	5.8	8.8#
236	28.4	22.7	34.1

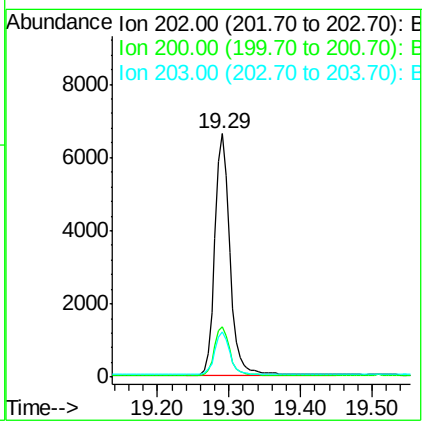


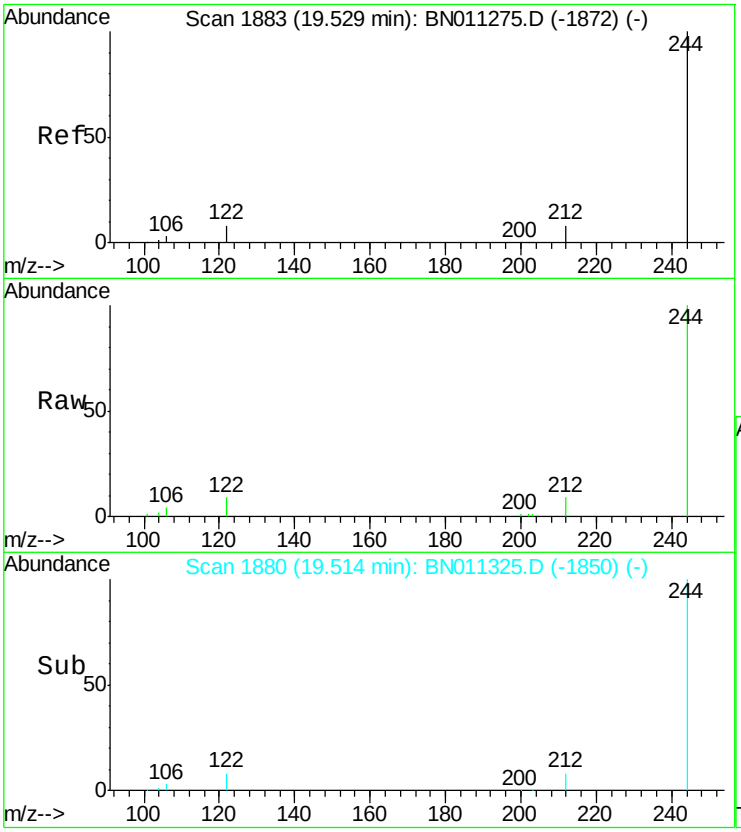


#30
Pyrene
Concen: 0.249 ng
RT: 19.29 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:202 Resp: 9587

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	18.2	14.1	21.1



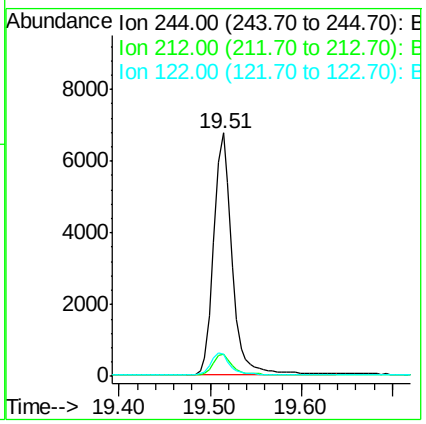


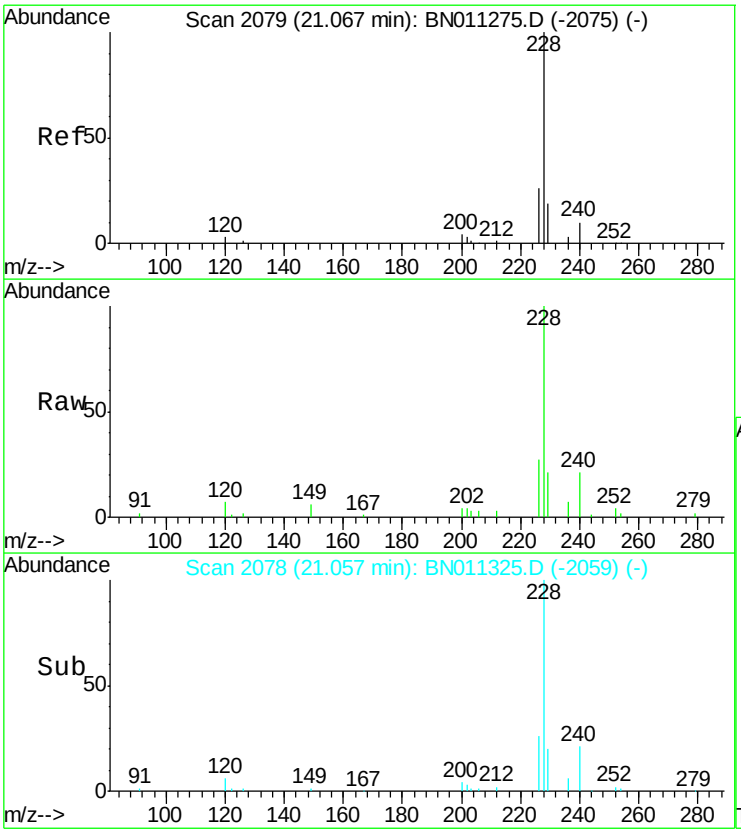
#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.51 min Scan# 1880
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:244 Resp: 9336

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.6	11.4
122	9.2	7.5	11.3

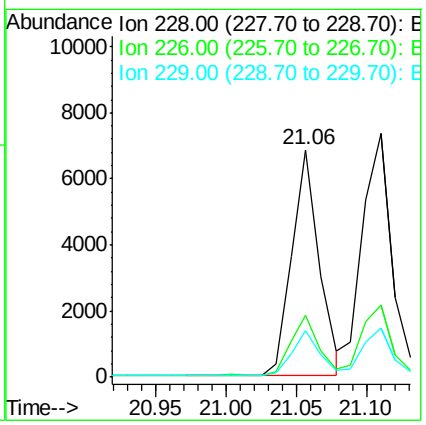


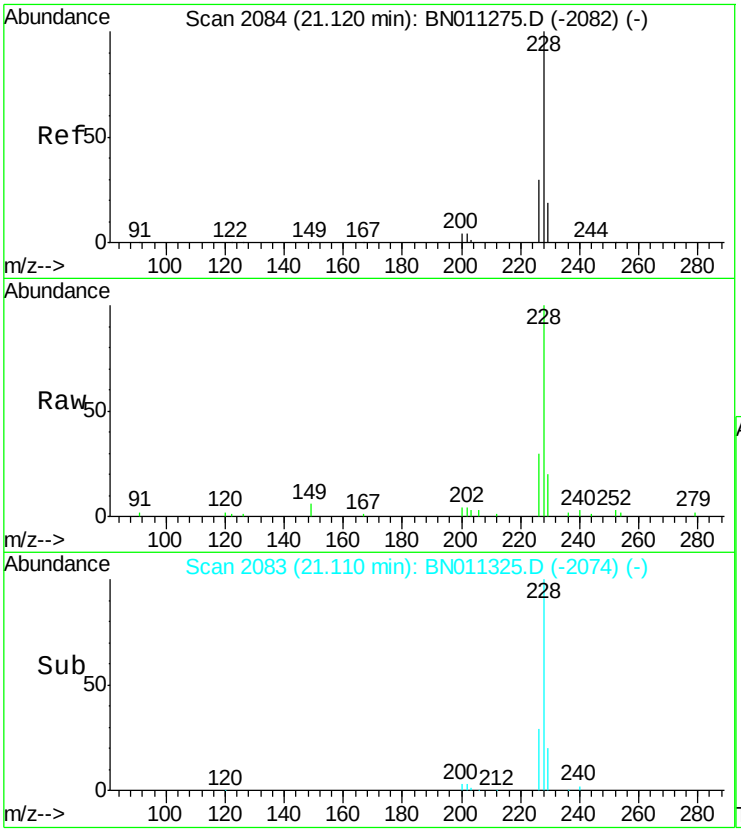


#32
Benzo(a)anthracene
Concen: 0.322 ng
RT: 21.06 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:228 Resp: 9233

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.6	32.4
229	20.6	16.0	24.0



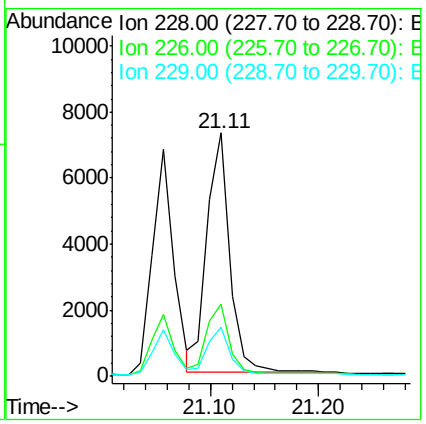


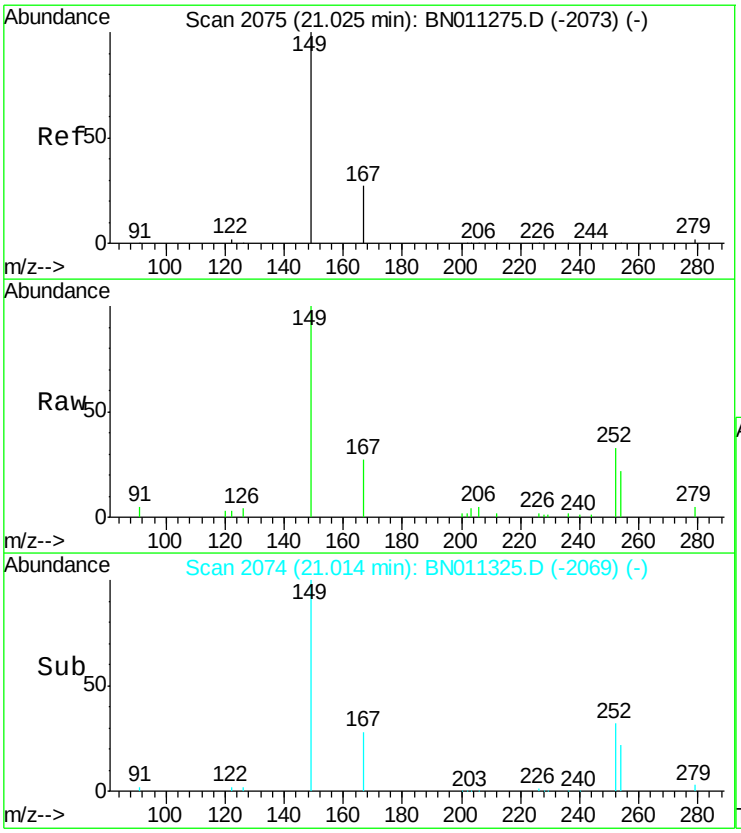
#33
Chrysene
Concen: 0.332 ng
RT: 21.11 min Scan# 2083
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:228 Resp: 10663

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.3	36.5
229	20.3	15.9	23.9

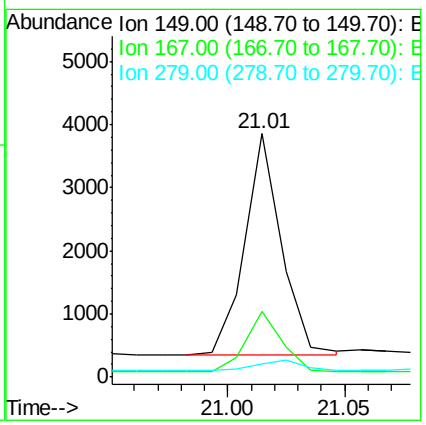


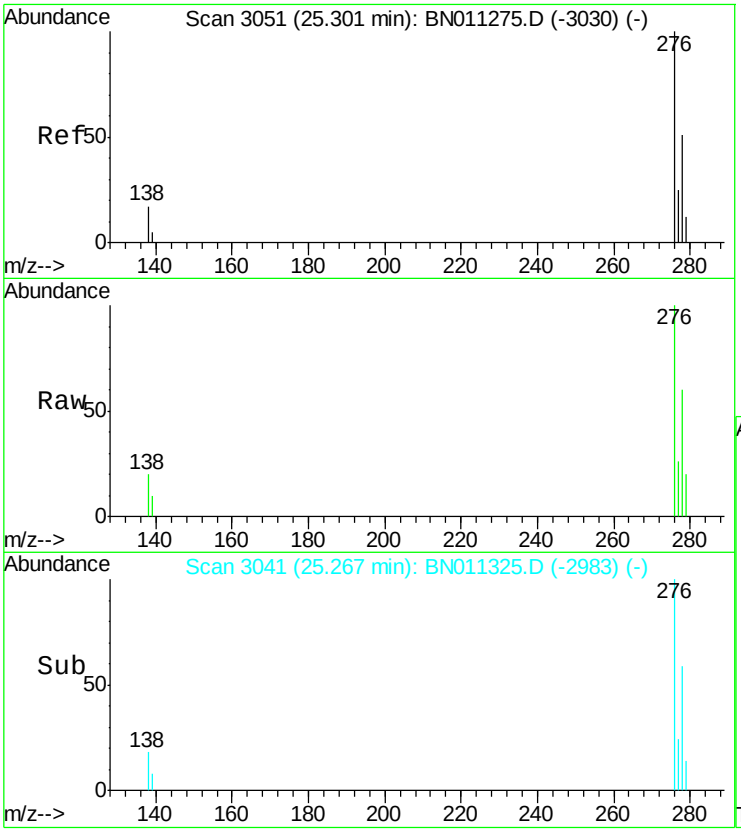


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.248 ng
RT: 21.01 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:149 Resp: 3805

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.7	32.5
279	5.3	3.9	5.9



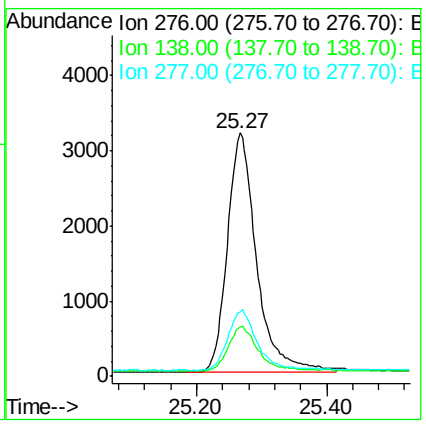


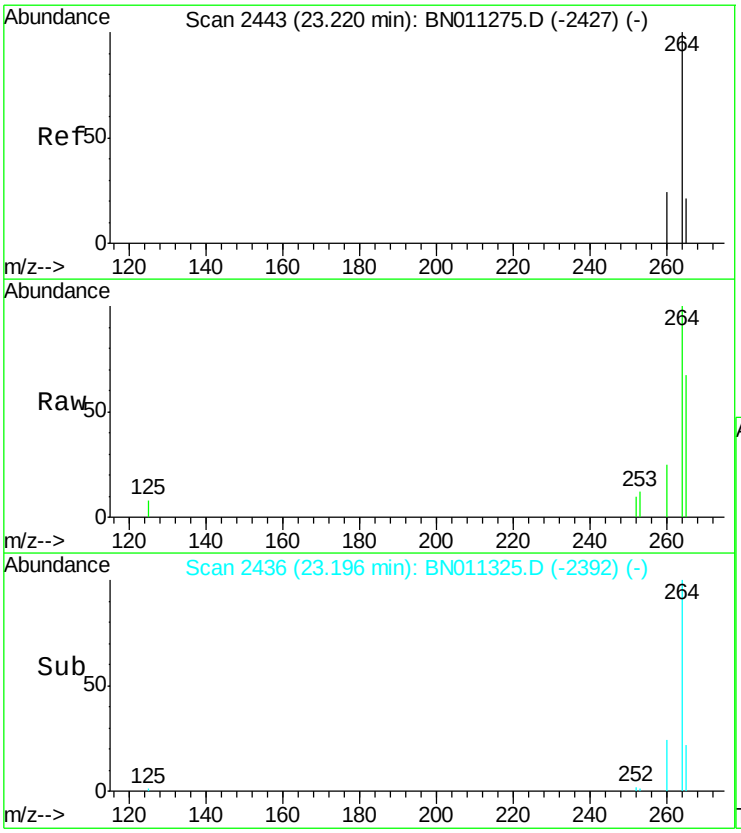
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng
RT: 25.27 min Scan# 3041
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:276 Resp: 10035

Ion	Ratio	Lower	Upper
276	100		
138	18.4	13.6	20.4
277	25.6	19.7	29.5

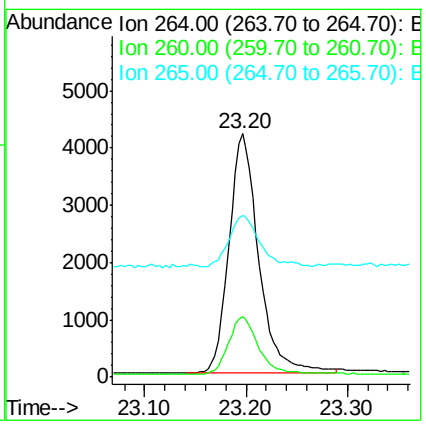


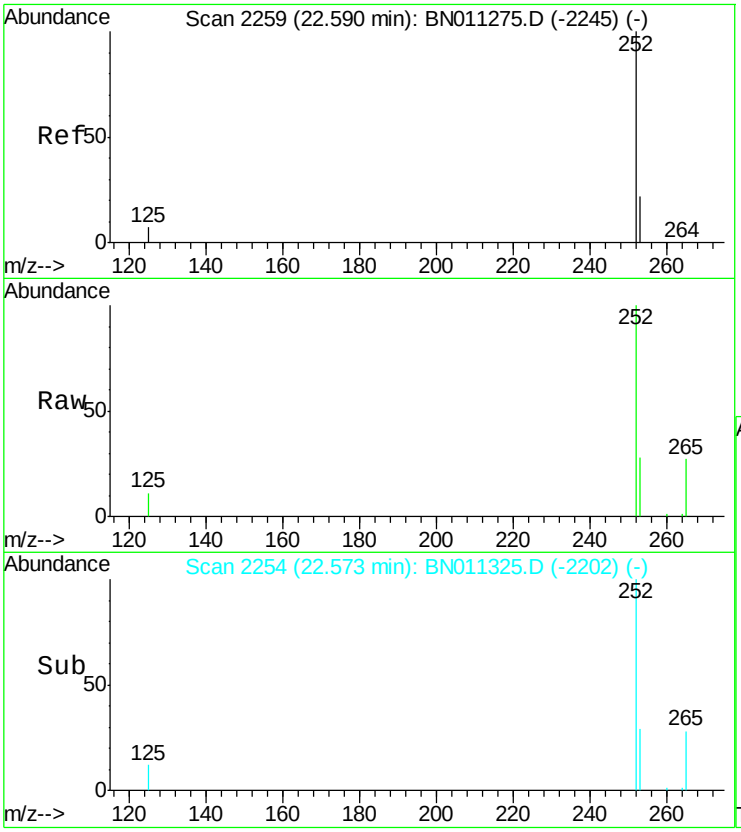


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.20 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:264 Resp: 8516

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	66.5	70.7	106.1#



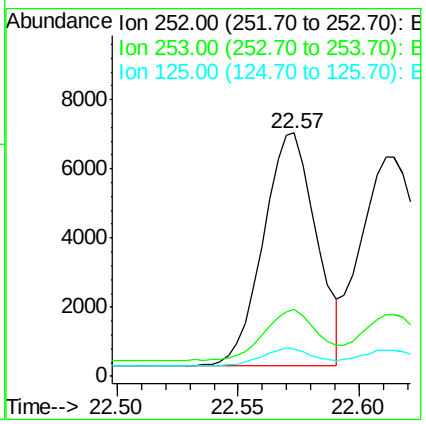


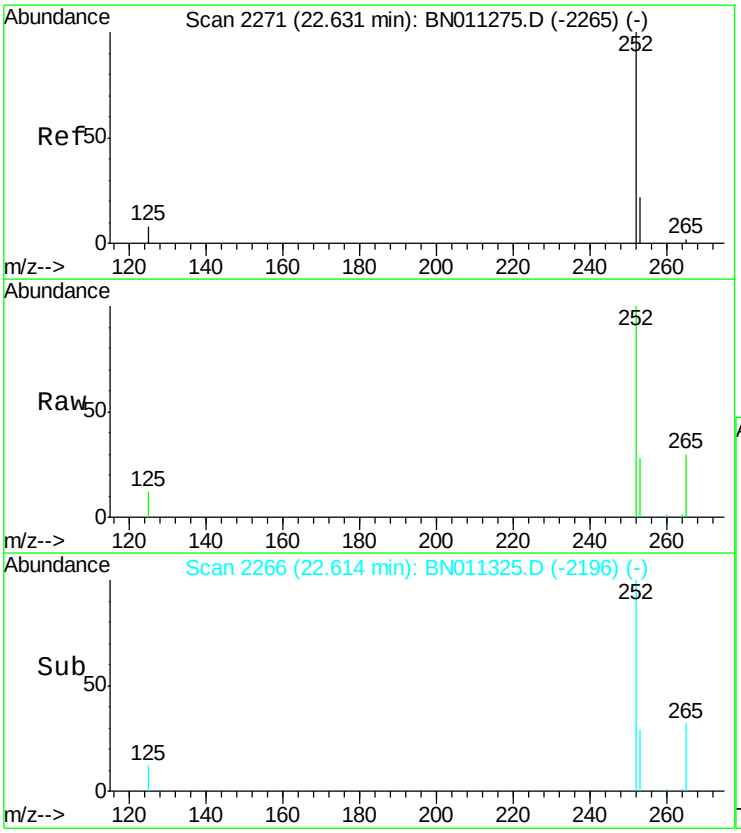
#37
Benzo(b)fluoranthene
Concen: 0.303 ng
RT: 22.57 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:252 Resp: 10294

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.1	34.7
125	11.3	9.4	14.2

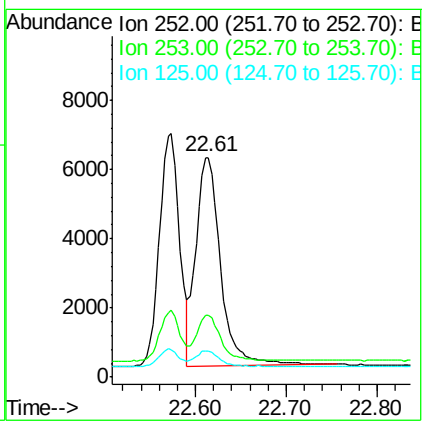


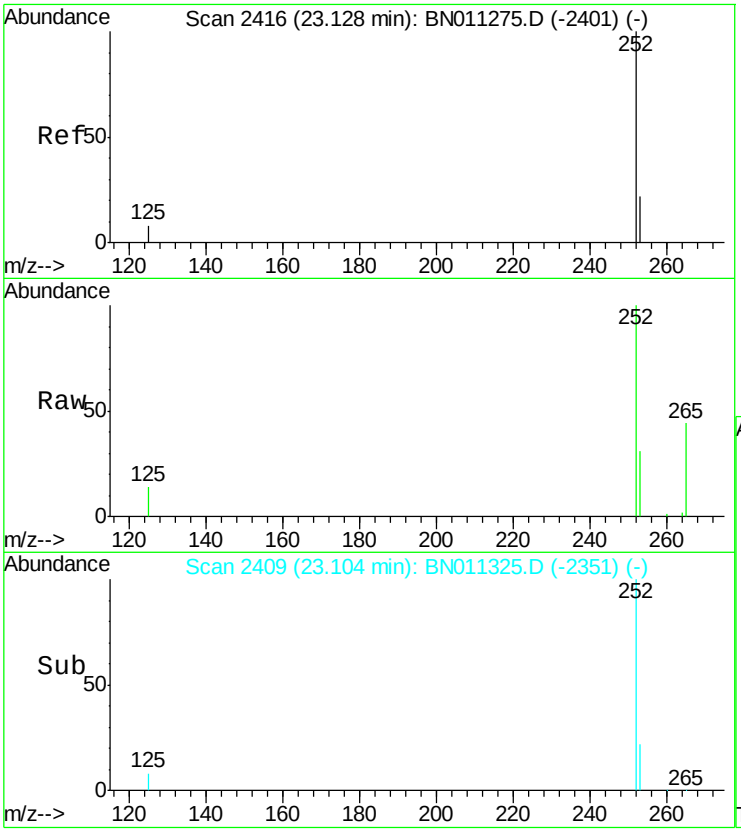


#38
Benzo(k)fluoranthene
Concen: 0.303 ng
RT: 22.61 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:252 Resp: 11333

Ion	Ratio	Lower	Upper
252	100		
253	28.1	22.9	34.3
125	11.9	11.3	16.9



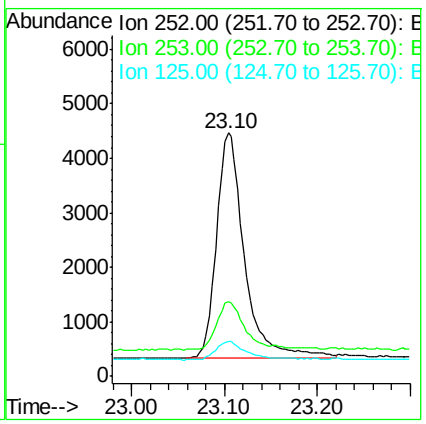


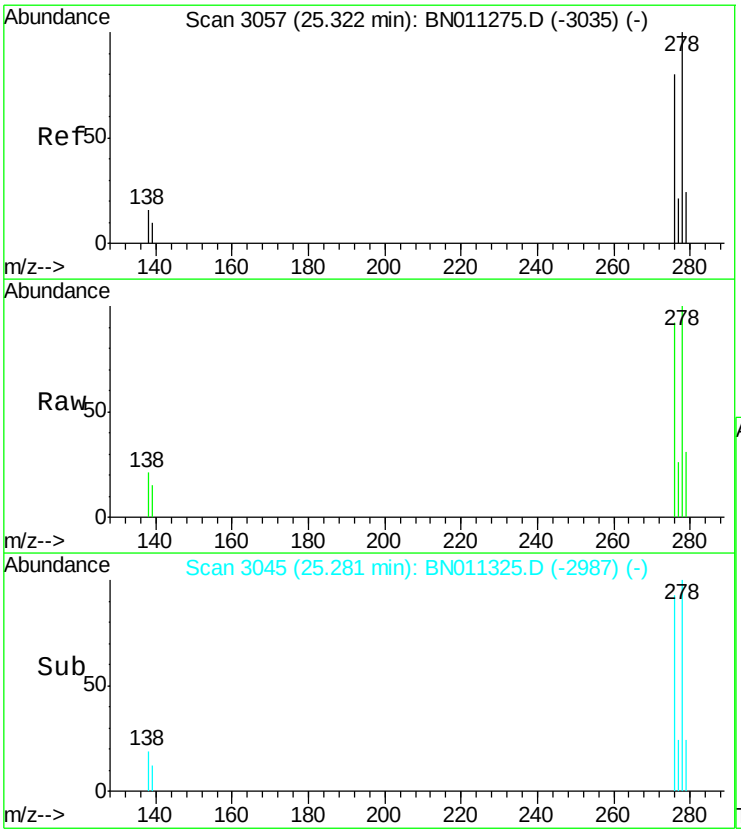
#39
Benzo(a)pyrene
Concen: 0.299 ng
RT: 23.10 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:252 Resp: 8810

Ion	Ratio	Lower	Upper
252	100		
253	30.8	26.6	39.8
125	14.2	12.7	19.1

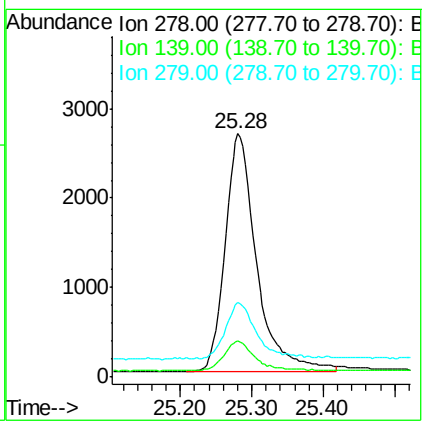


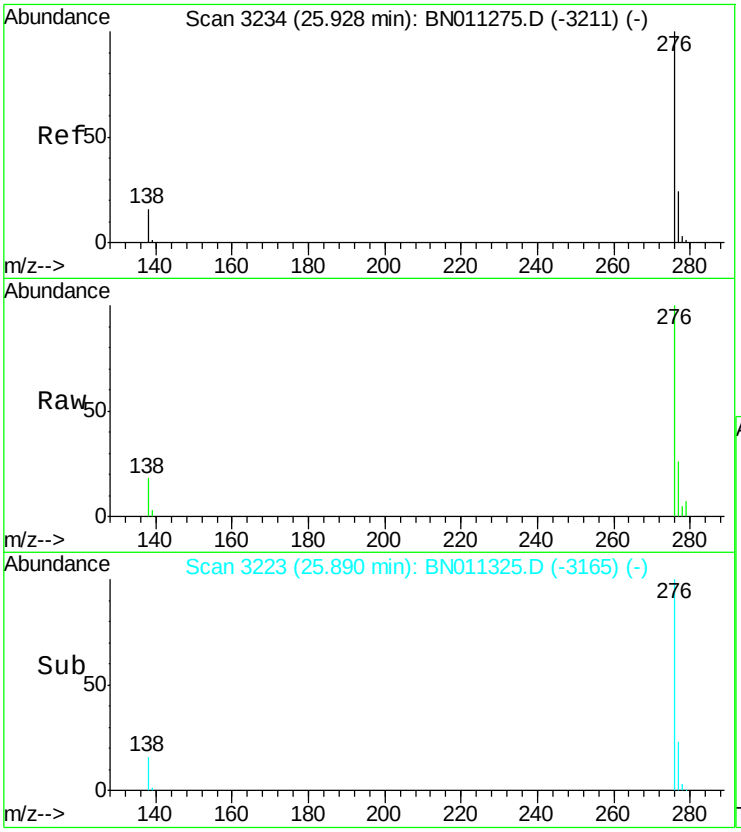


#40
Dibenzo(a,h)anthracene
Concen: 0.268 ng
RT: 25.28 min Scan# 3045
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Tgt Ion:278 Resp: 8164

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.4	18.6
279	30.9	25.8	38.6





#41
Benzo(g,h,i)perylene
Concen: 0.275 ng
RT: 25.89 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BN011325.D
Acq: 31 Jul 2020 13:29

Instrument :
BNA_N
ClientSampleId :
PB130596BS

Tgt Ion:276 Resp: 9286

Ion	Ratio	Lower	Upper
276	100		
277	25.8	21.0	31.6
138	17.7	15.0	22.6