Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011804.D
Acq On : 15 Sep 2020 17:29
Operator : CG/JU
Sample : PB131586BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131586BS

Quant Time: Sep 15 18:19:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1277	0.40	ng		0.00
7) Naphthalene-d8	10.50	136	4407	0.40	ng		0.00
13) Acenaphthene-d10	14.36	164	2676	0.40	ng		0.00
19) Phenanthrene-d10	17.10	188	6004	0.40	ng		0.00
29) Chrysene-d12	21.31	240	8546	0.40	ng		0.00
36) Perylene-d12	23.56	264	9140	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	1395	0.39	ng		0.00
5) Phenol-d6	6.89	99	1754	0.39	ng		0.00
8) Nitrobenzene-d5	8.87	82	1874	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.10	152	3137	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	543	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.99	172	4619	0.39	ng		0.00
27) Fluoranthene-d10	19.15	212	7184	0.37	ng		0.00
31) Terphenyl-d14	19.75	244	14412	0.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	712	0.401	ng		90
3) n-Nitrosodimethylamine	3.58	42	1105	0.401	ng	#	98
6) bis(2-Chloroethyl)ether	7.15	93	1406	0.379	ng		98
9) Naphthalene	10.55	128	4864	0.385	ng		98
10) Hexachlorobutadiene	10.85	225	1237	0.406	ng	#	98
12) 2-Methylnaphthalene	12.17	142	3447	0.381	ng		98
16) Acenaphthylene	14.08	152	4921	0.369	ng		99
17) Acenaphthene	14.42	154	3588	0.380	ng		99
18) Fluorene	15.41	166	4408	0.371	ng		99
20) 4,6-Dinitro-2-methylphenol	15.49	198	627	0.464	ng		93
21) 4-Bromophenyl-phenylether	16.31	248	1433	0.377	ng		96
22) Hexachlorobenzene	16.42	284	1669	0.375	ng		99
23) Atrazine	16.58	200	1419	0.405	ng		97
24) Pentachlorophenol	16.76	266	889	0.474	ng		98
25) Phenanthrene	17.15	178	7346	0.376	ng		100
26) Anthracene	17.24	178	6892	0.392	ng		99
28) Fluoranthene	19.18	202	11663	0.479	ng		100
30) Pyrene	19.54	202	12088	0.399	ng		100
32) Benzo(a)anthracene	21.29	228	14170	0.454	ng		98
33) Chrysene	21.34	228	15346	0.470	ng		99
34) Bis(2-ethylhexyl)phthalate	21.24	149	6198	0.444	ng		100
35) Indeno(1,2,3-cd)pyrene	25.82	276	21538	0.502	ng		99
37) Benzo(b)fluoranthene	22.89	252	17149	0.455	ng		97
38) Benzo(k)fluoranthene	22.93	252	17015	0.451	ng		99
39) Benzo(a)pyrene	23.46	252	14998	0.454	ng	#	96
40) Dibenzo(a,h)anthracene	25.83	278	18201	0.476	ng		99
41) Benzo(g,h,i)perylene	26.51	276	17639	0.462	ng		99

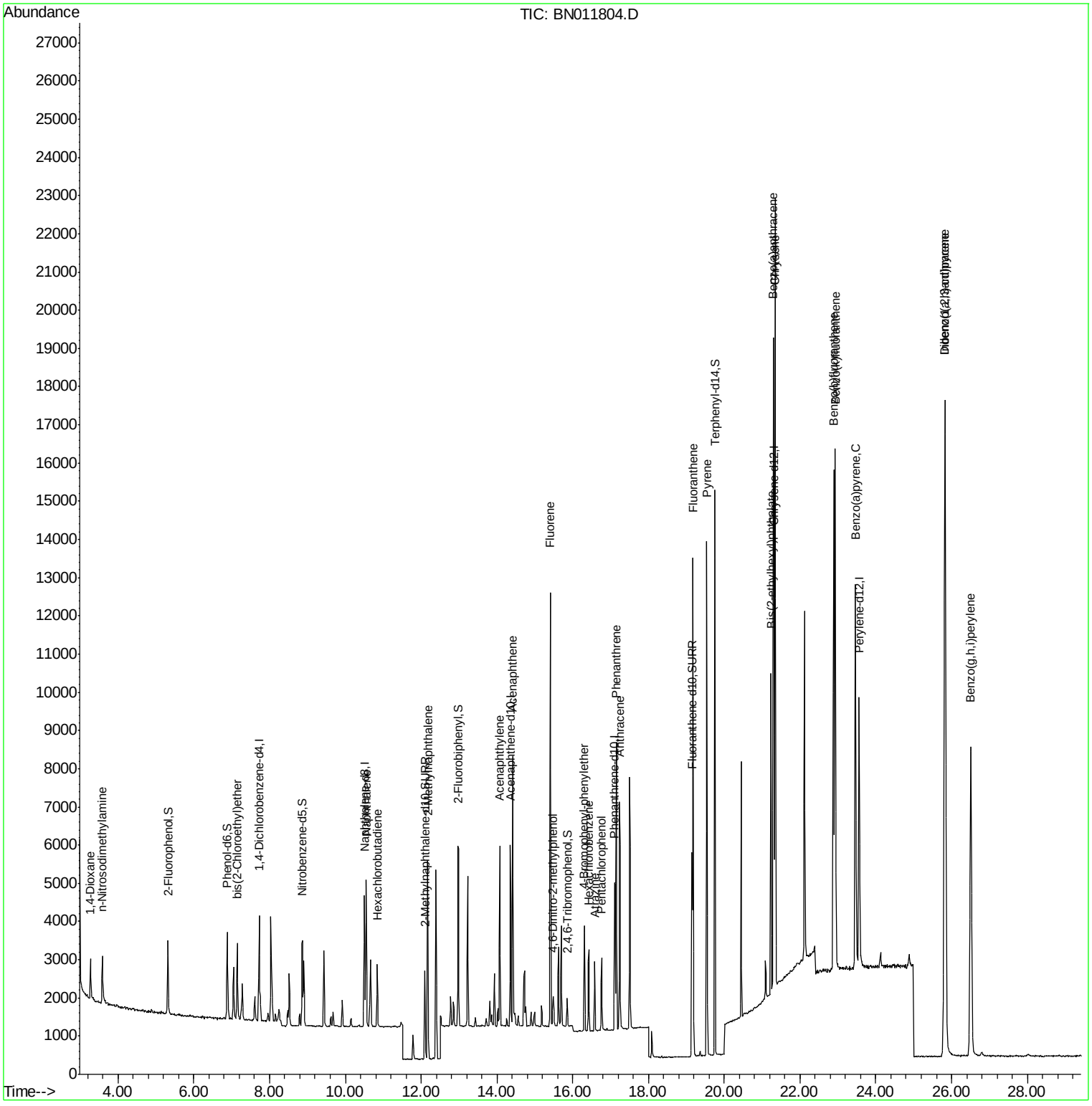
(#) = qualifier out of range (m) = manual integration (+) = signals summed

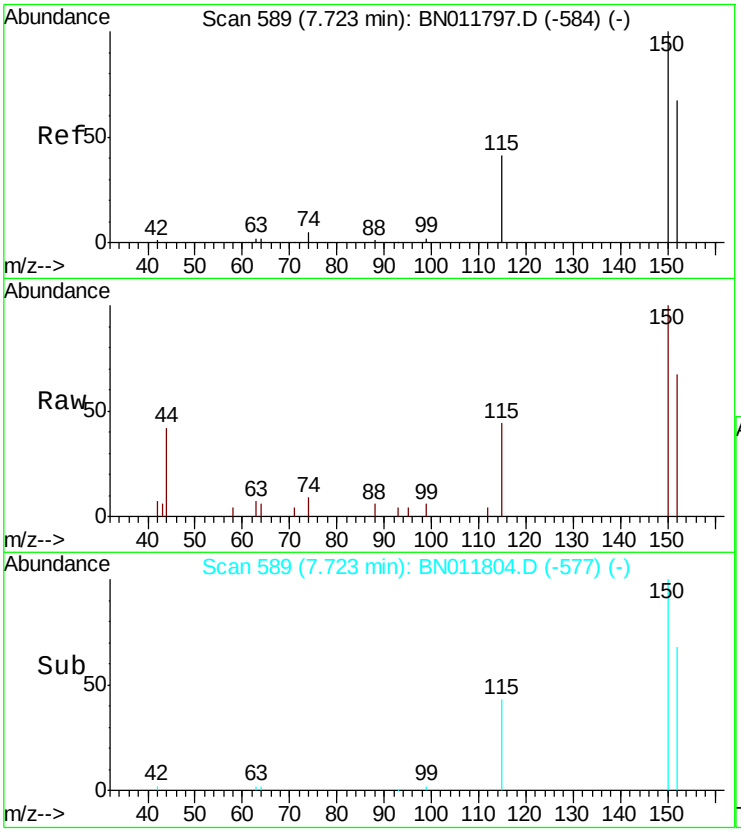
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091520\
Data File : BN011804.D
Acq On : 15 Sep 2020 17:29
Operator : CG/JU
Sample : PB131586BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Quant Time: Sep 15 18:19:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:55:25 2020
Response via : Initial Calibration



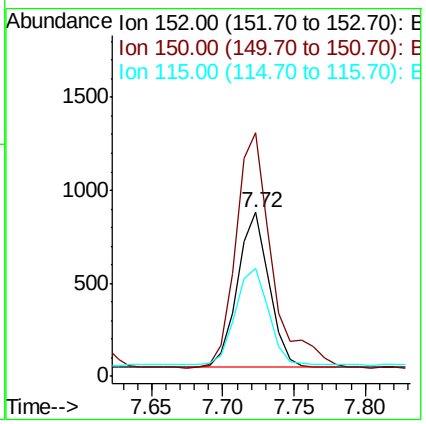


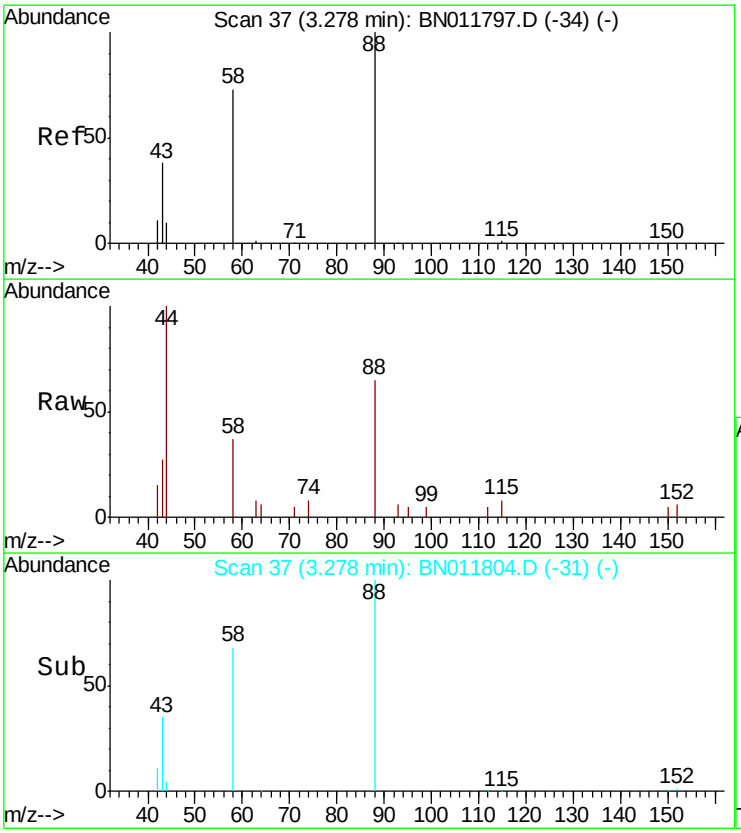
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:152 Resp: 1277

Ion	Ratio	Lower	Upper
152	100		
150	148.4	118.3	177.5
115	66.0	51.3	76.9

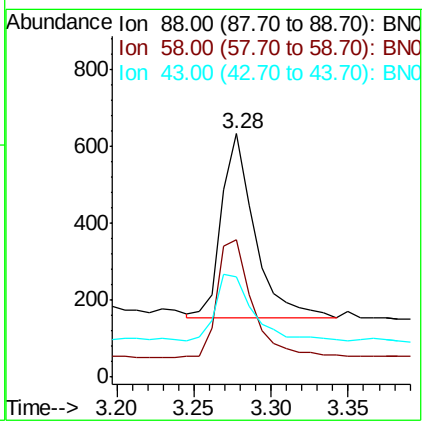


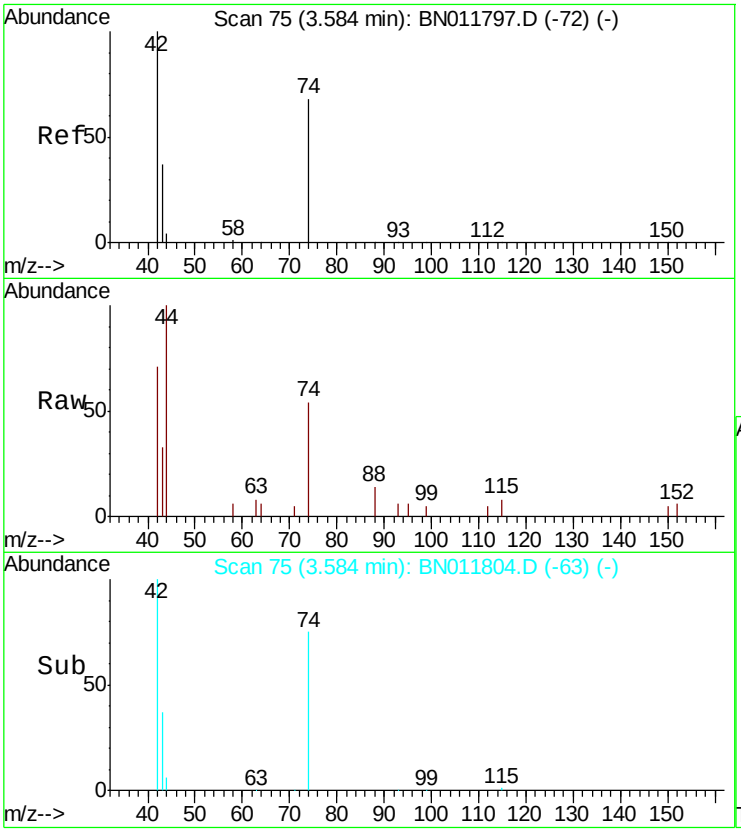


#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.28 min Scan# 37
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion: 88 Resp: 712

Ion	Ratio	Lower	Upper
88	100		
58	67.0	63.3	94.9
43	39.7	33.0	49.4



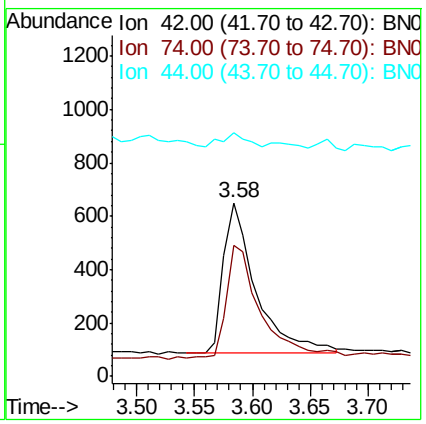


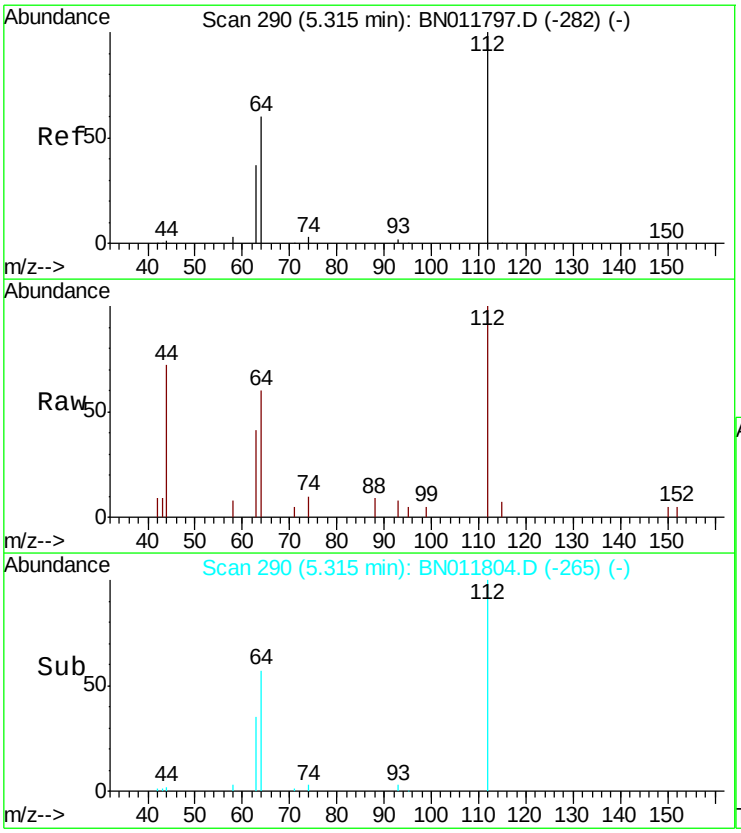
#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.58 min Scan# 75
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion: 42 Resp: 1105

Ion	Ratio	Lower	Upper
42	100		
74	81.8	64.4	96.6
44	6.5	6.7	10.1#

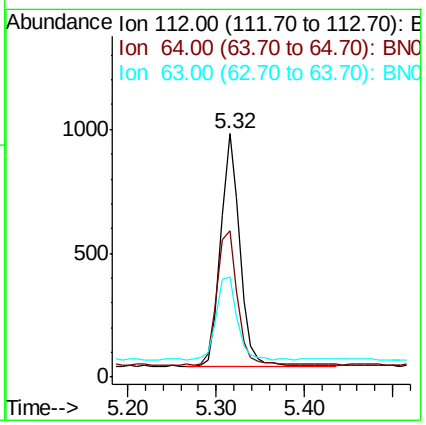


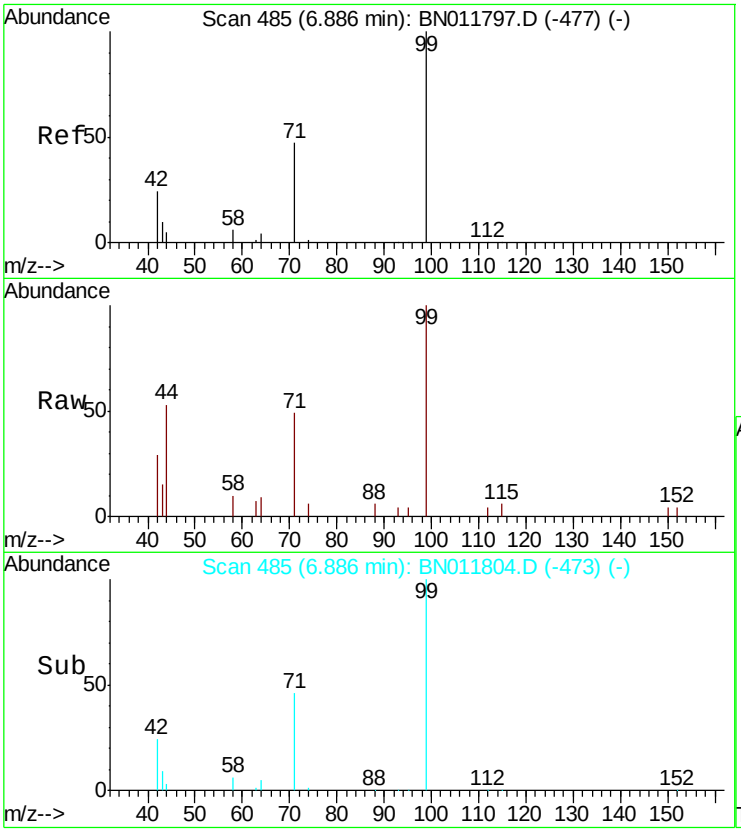


#4
2-Fluorophenol
Concen: 0.395 ng
RT: 5.32 min Scan# 290
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:112 Resp: 1395

Ion	Ratio	Lower	Upper
112	100		
64	61.4	49.0	73.6
63	39.1	31.8	47.6



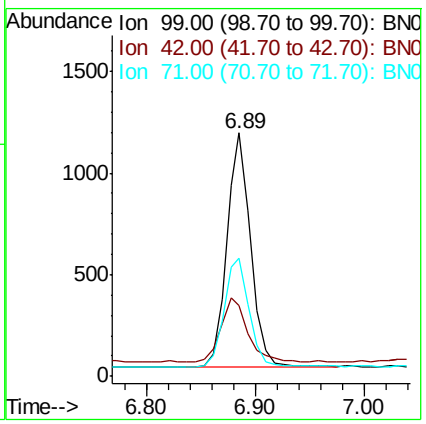


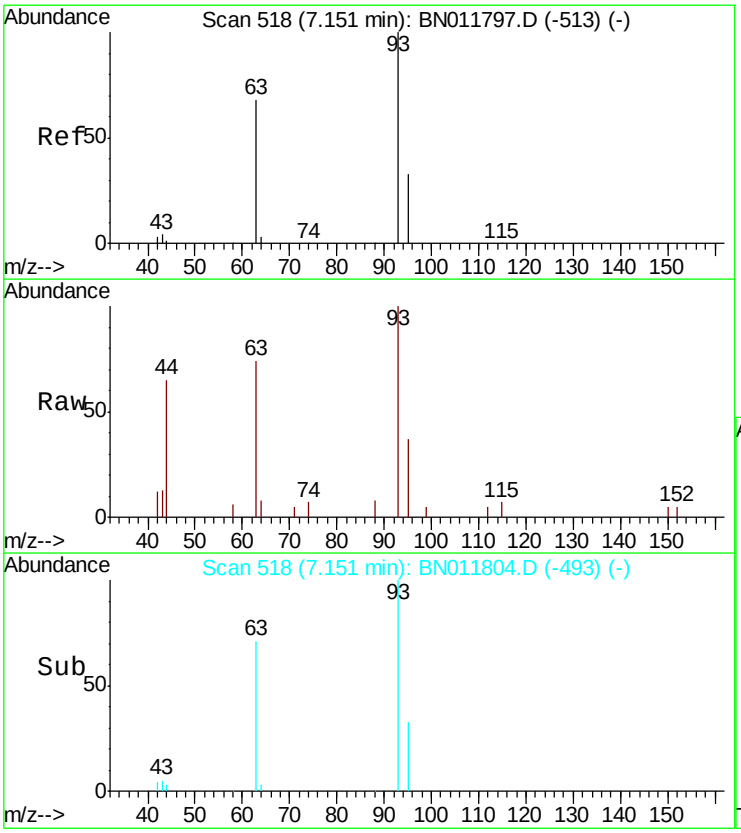
#5
Phenol-d6
Concen: 0.386 ng
RT: 6.89 min Scan# 485
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion: 99 Resp: 1754

Ion	Ratio	Lower	Upper
99	100		
42	31.1	23.4	35.0
71	49.6	38.1	57.1

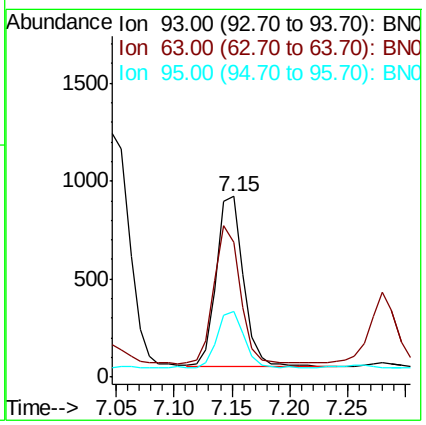


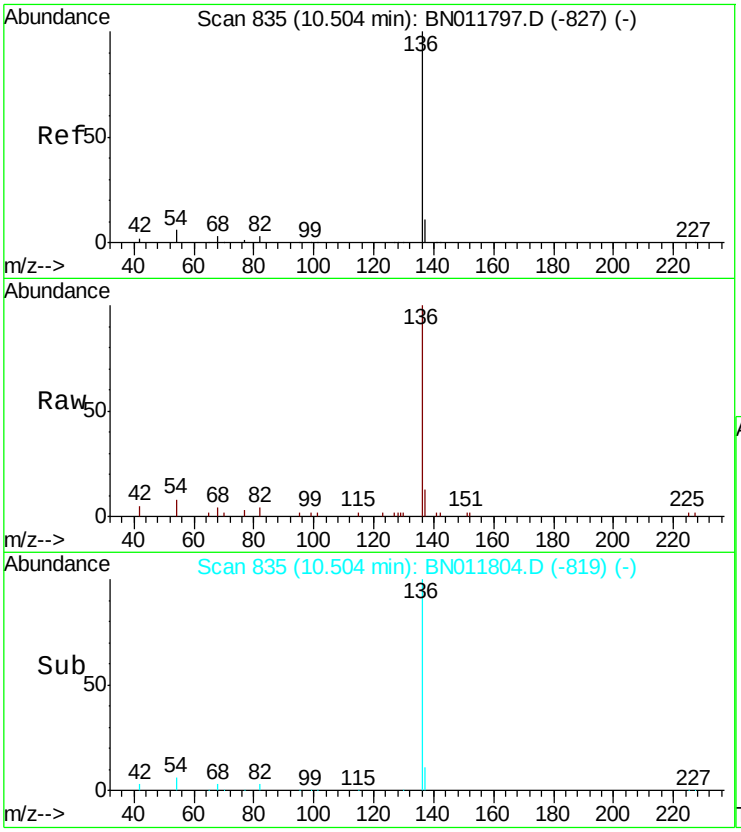


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.15 min Scan# 518
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion: 93 Resp: 1406

Ion	Ratio	Lower	Upper
93	100		
63	78.2	61.1	91.7
95	33.6	25.5	38.3



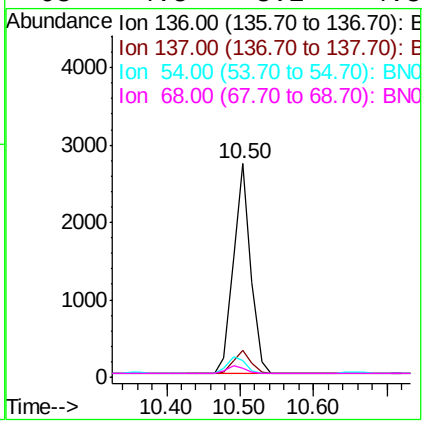


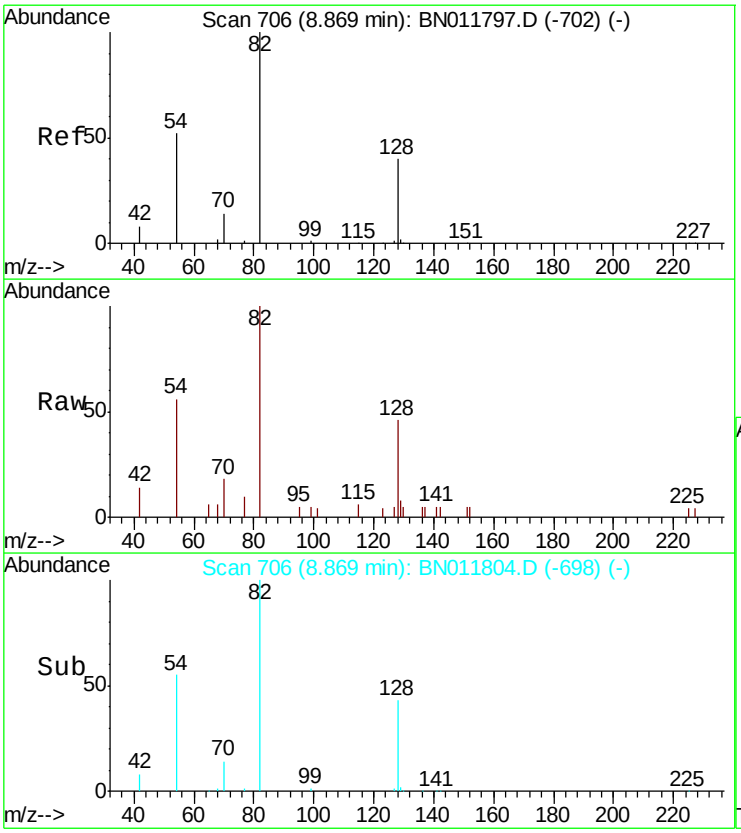
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.50 min Scan# 835
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:136 Resp: 4407

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	7.8	5.6	8.4
68	4.5	3.2	4.8

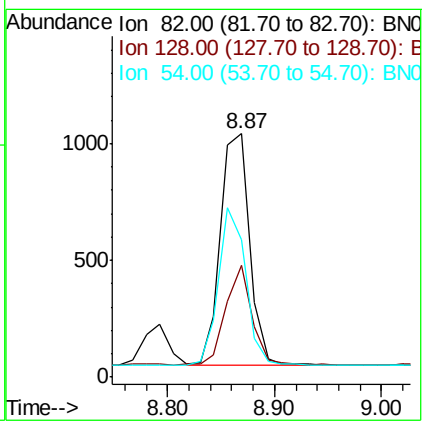


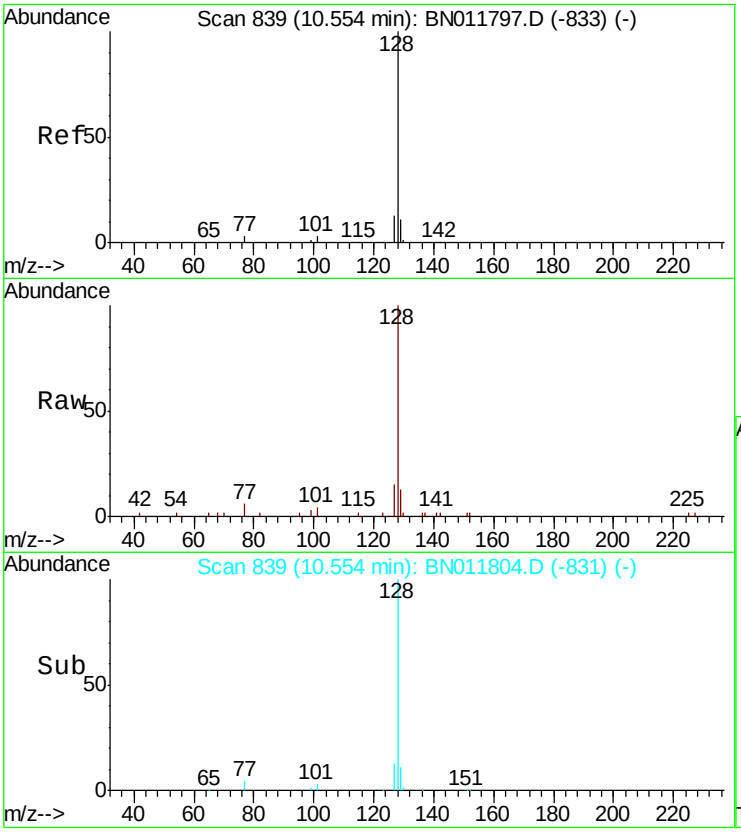


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 8.87 min Scan# 706
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion: 82 Resp: 1874

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.2	51.2
54	56.2	43.1	64.7



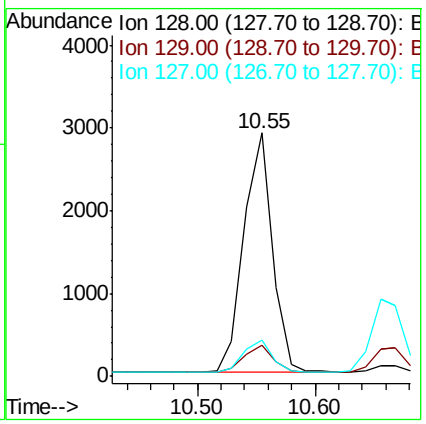


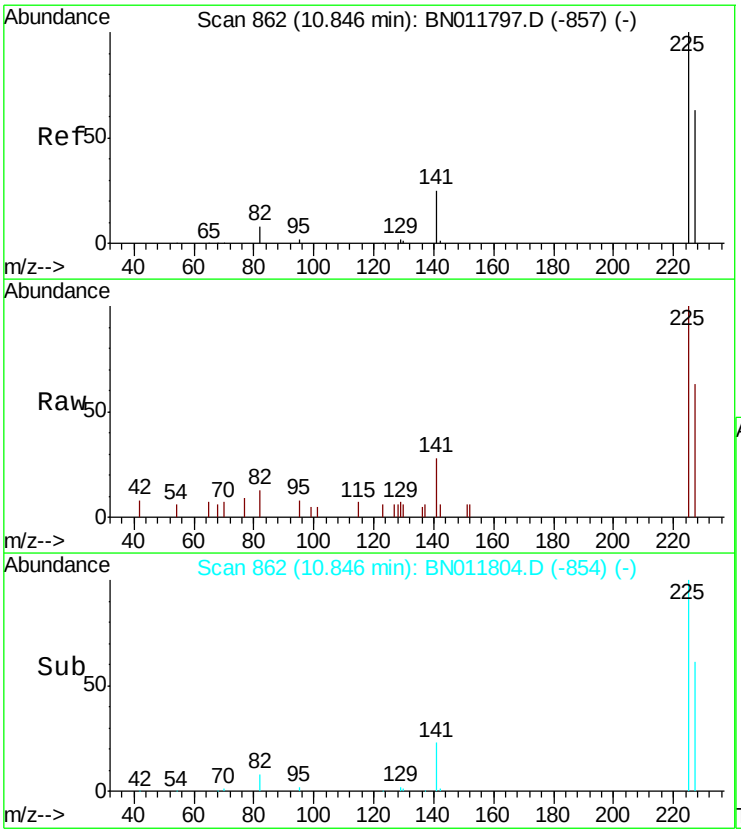
#9
Naphthalene
Concen: 0.385 ng
RT: 10.55 min Scan# 839
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:128 Resp: 4864

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.7	14.5
127	14.8	11.0	16.4

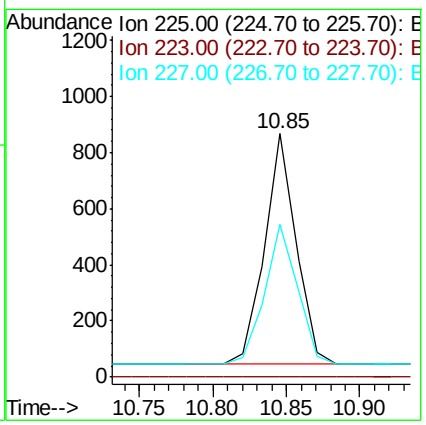


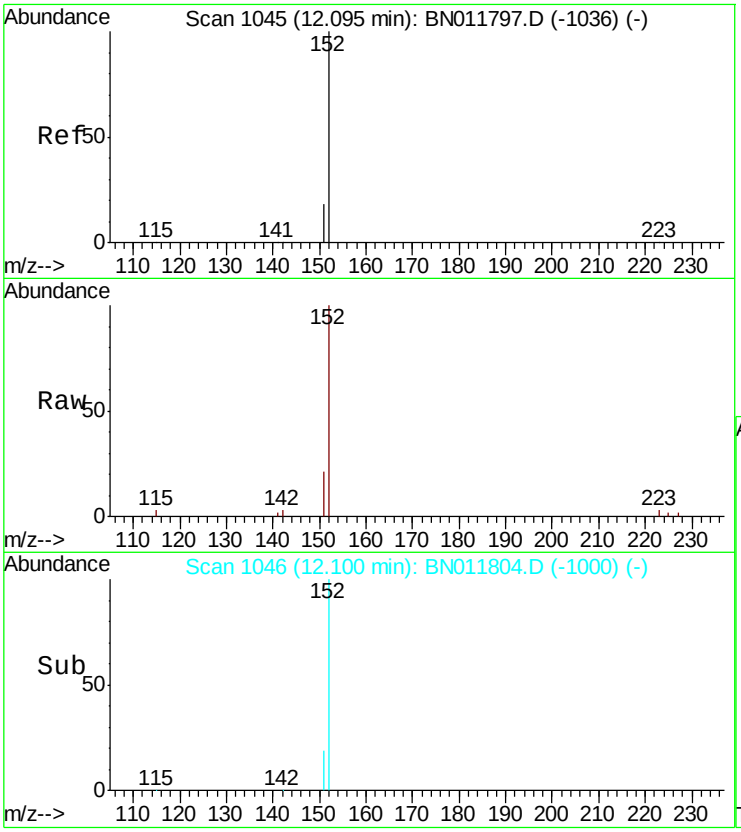


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.85 min Scan# 862
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:225 Resp: 1237

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.9	77.9



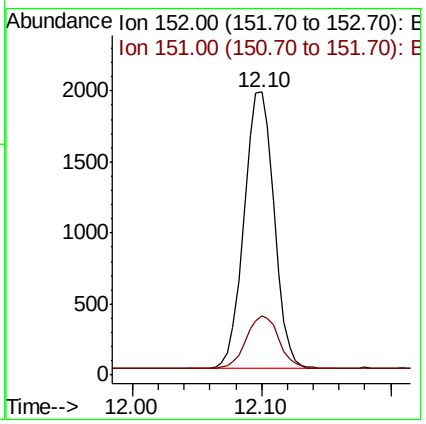


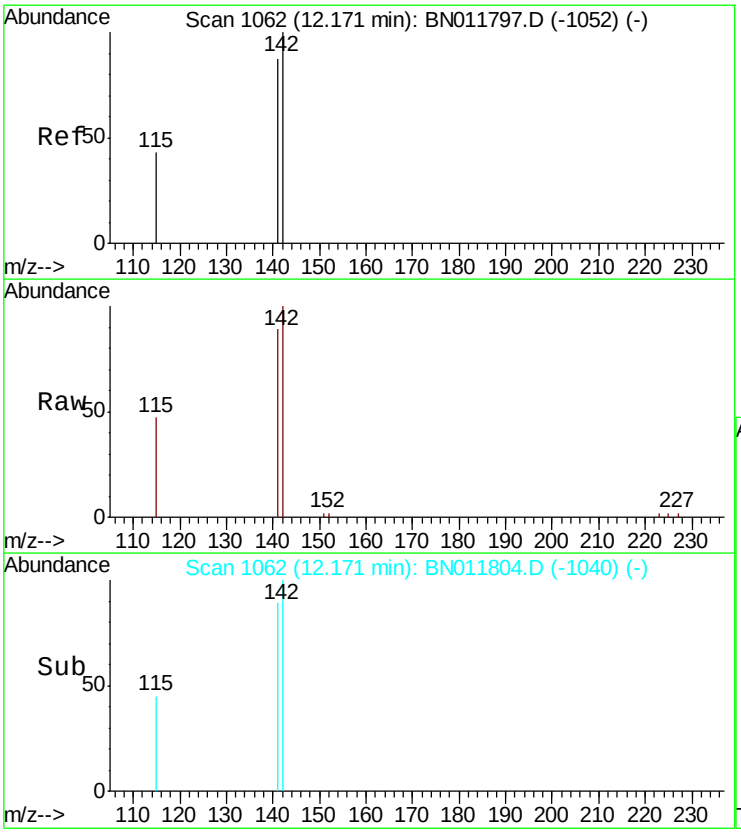
#11
2-Methylnaphthalene-d10
Concen: 0.379 ng
RT: 12.10 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:152 Resp: 3137

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

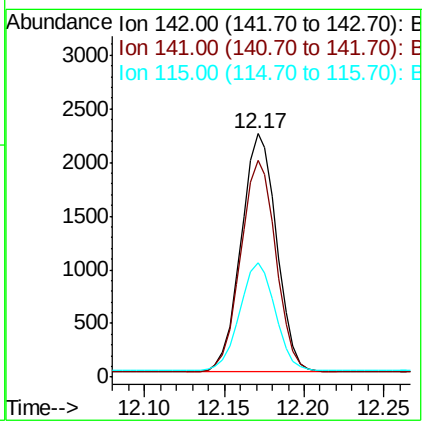


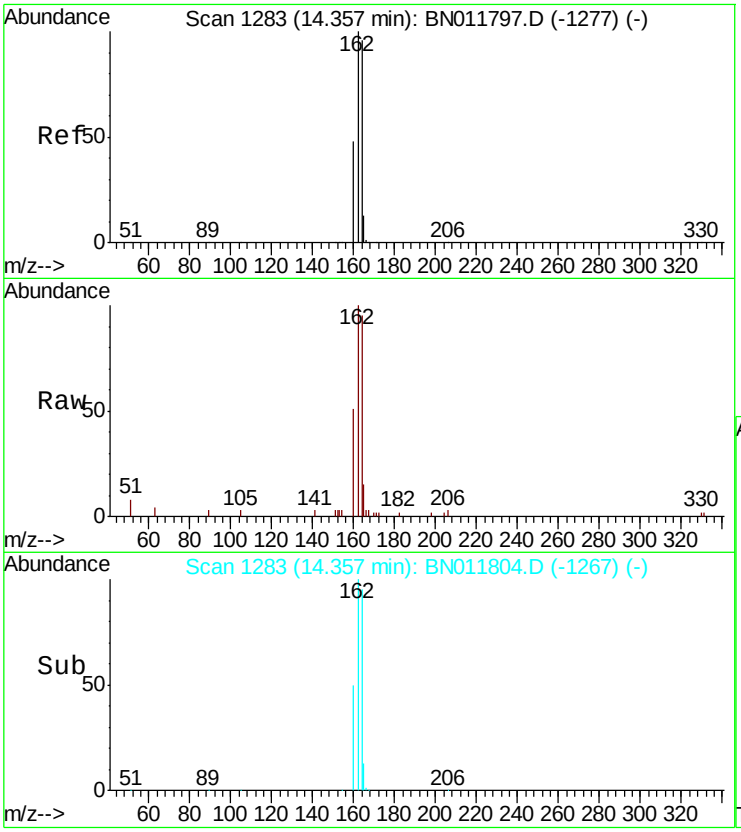


#12
2-Methylnaphthalene
Concen: 0.381 ng
RT: 12.17 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:142 Resp: 3447

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.0	105.0
115	47.0	35.8	53.6



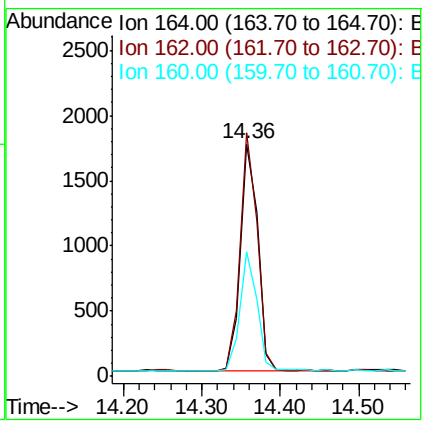


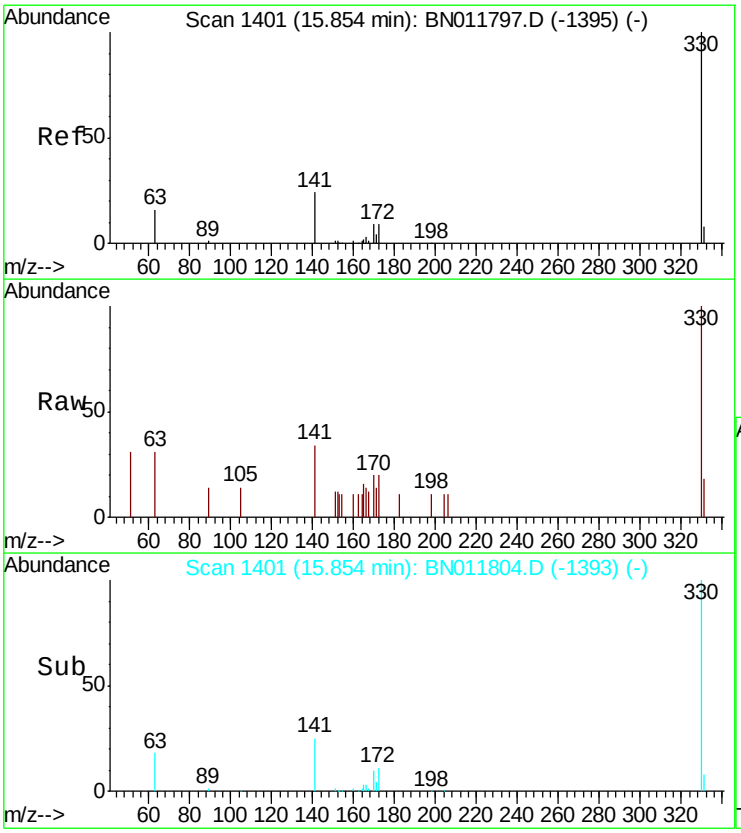
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:164 Resp: 2676

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.6	125.4
160	53.4	41.2	61.8

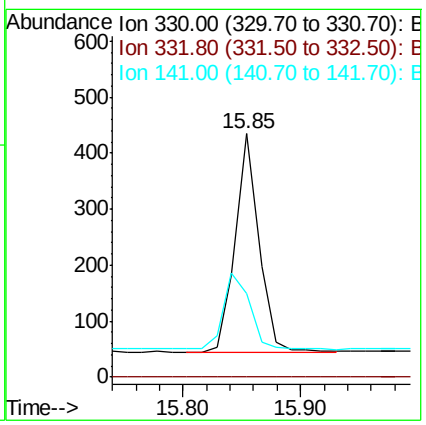


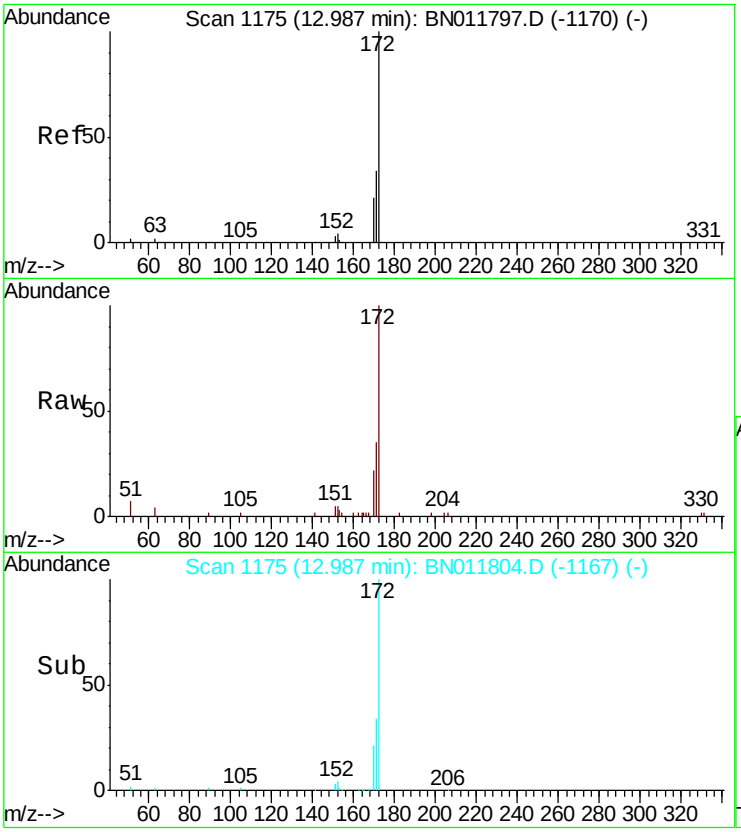


#14
2,4,6-Tribromophenol
Concen: 0.371 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:330 Resp: 543

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	40.9	33.7	50.5



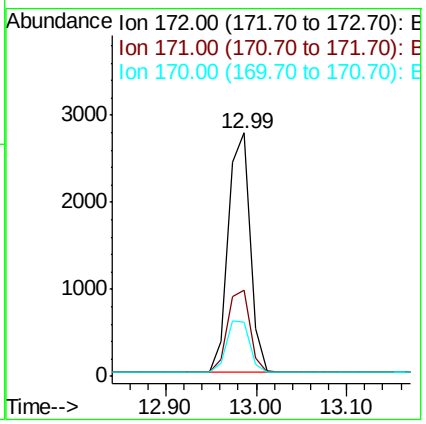


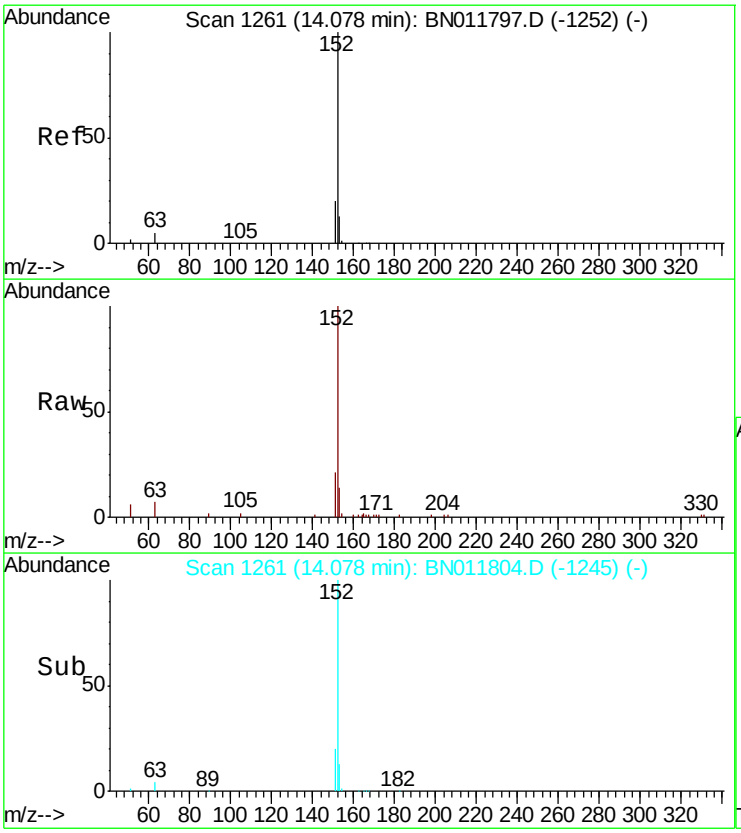
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:172 Resp: 4619

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.2
170	22.4	17.8	26.6

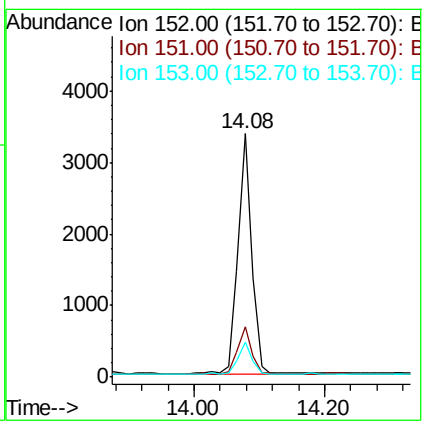


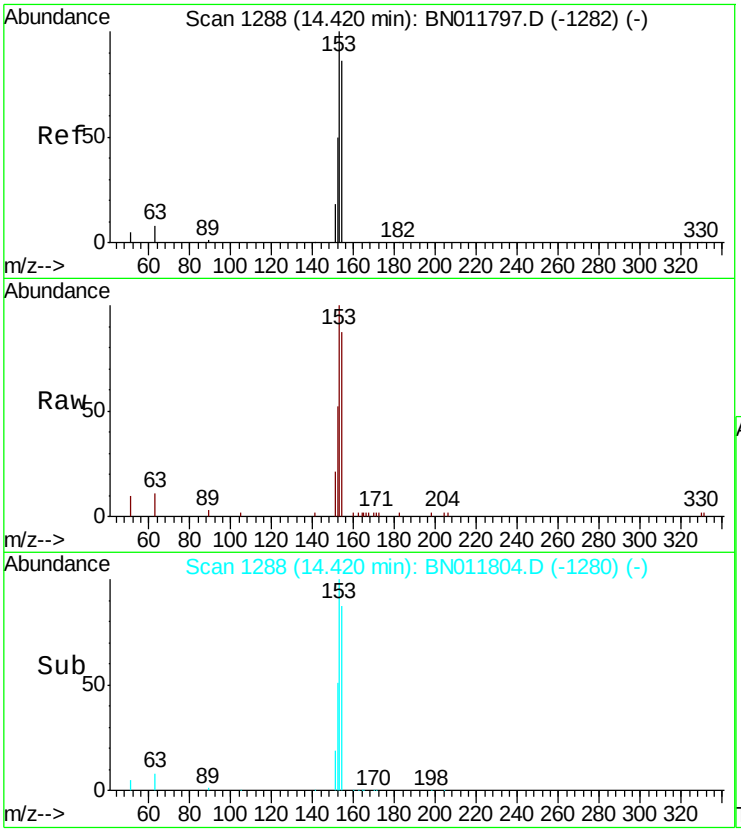


#16
Acenaphthylene
Concen: 0.369 ng
RT: 14.08 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:152 Resp: 4921

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.9	23.9
153	13.3	10.5	15.7



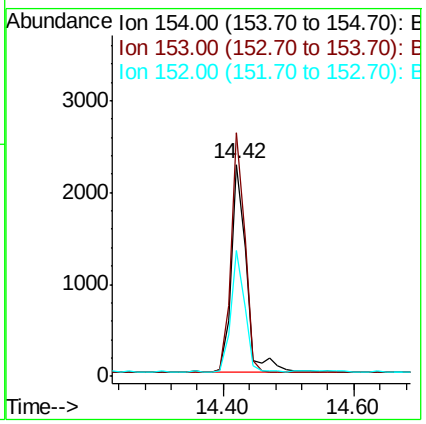


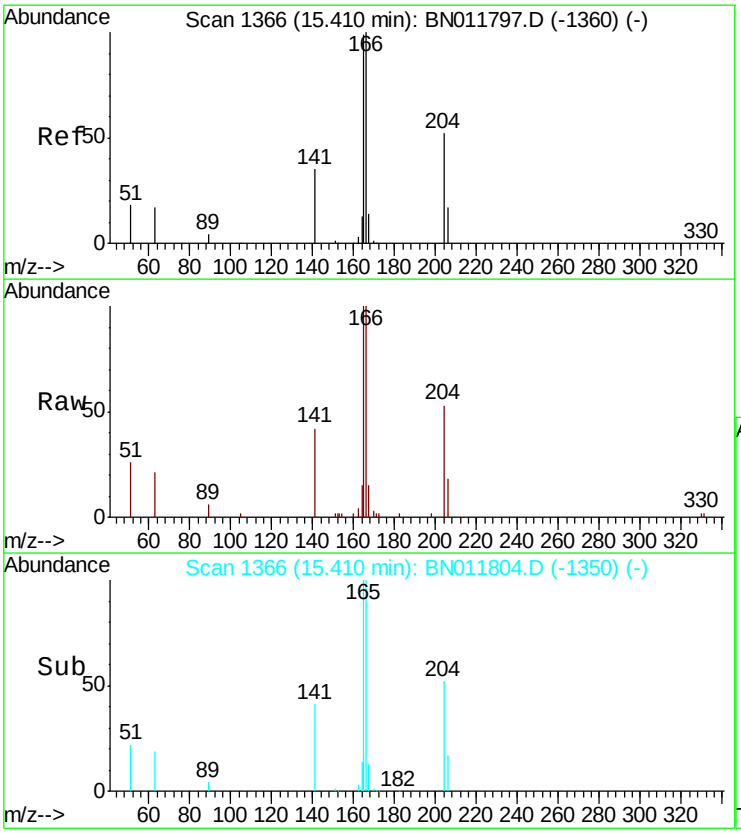
#17
Acenaphthene
Concen: 0.380 ng
RT: 14.42 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:154 Resp: 3588

Ion	Ratio	Lower	Upper
154	100		
153	104.9	83.4	125.2
152	52.9	42.8	64.2

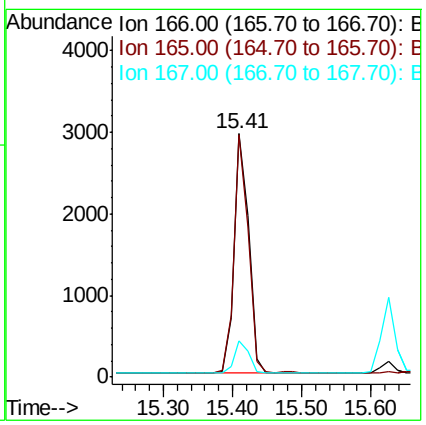


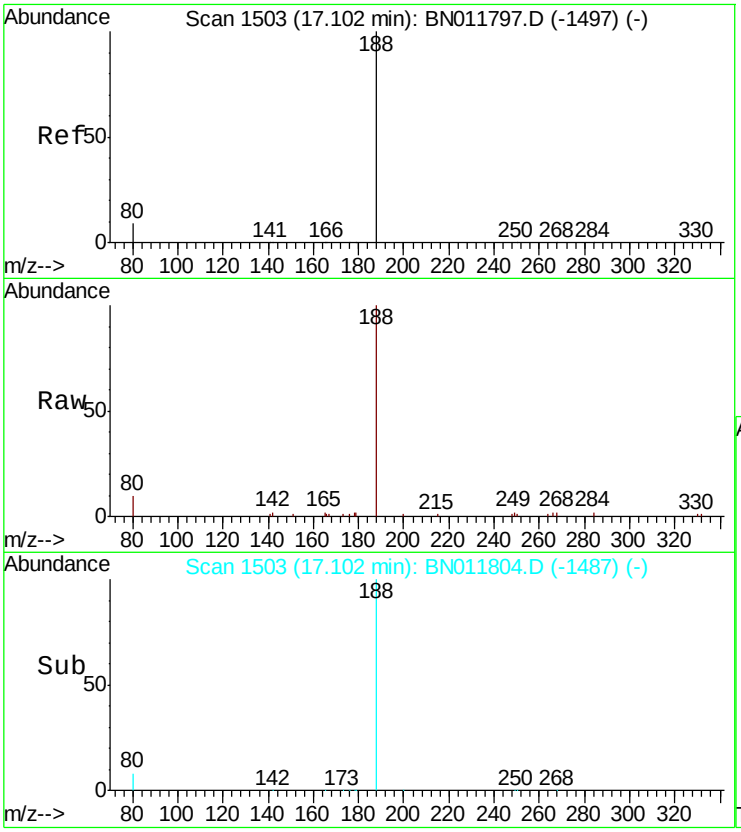


#18
Fluorene
Concen: 0.371 ng
RT: 15.41 min Scan# 1366
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:166 Resp: 4408

Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.8	118.2
167	13.5	11.2	16.8



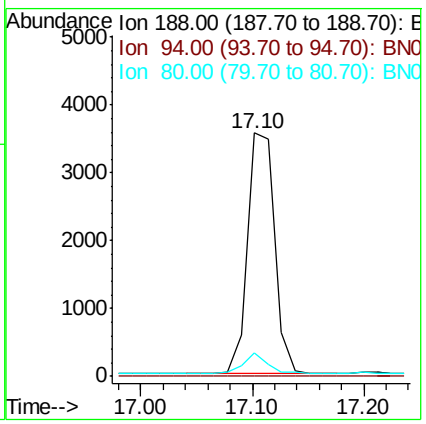


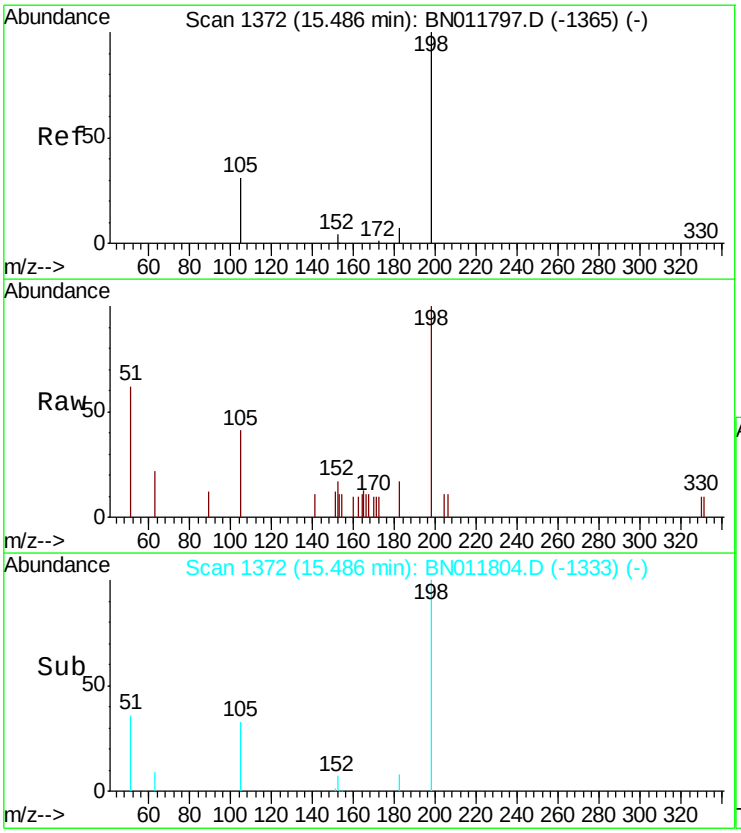
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.10 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:188 Resp: 6004

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.7	11.5

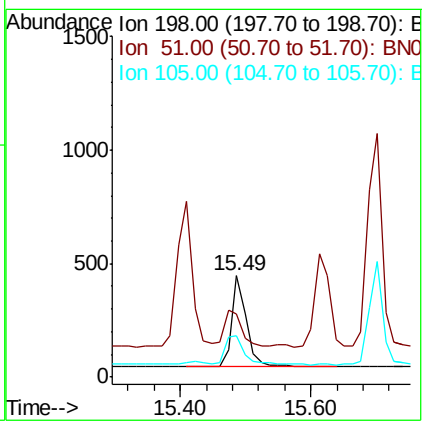


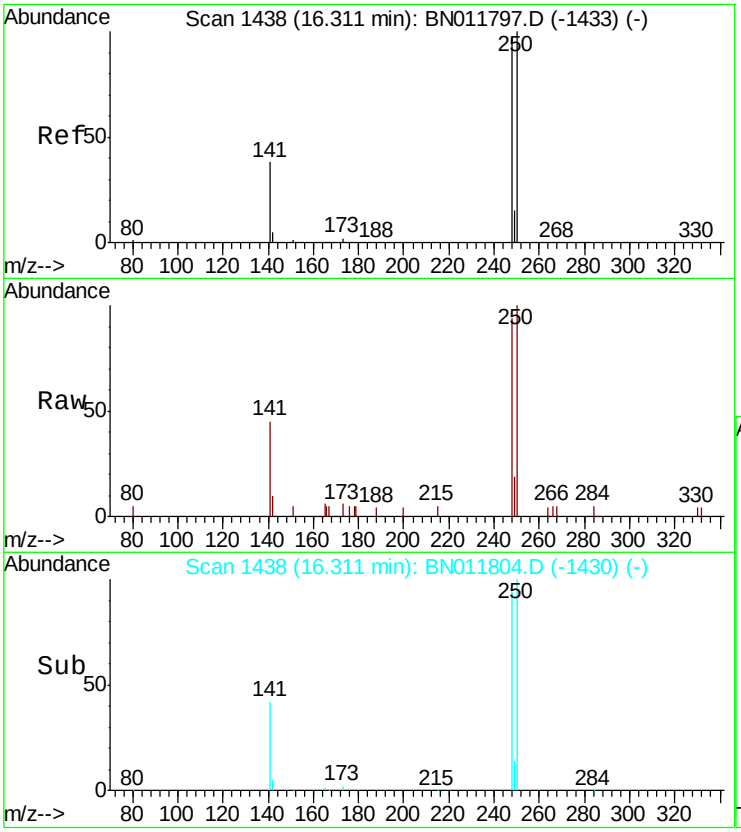


#20
4,6-Dinitro-2-methylphenol
Concen: 0.464 ng
RT: 15.49 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:198 Resp: 627

Ion	Ratio	Lower	Upper
198	100		
51	61.9	45.0	67.4
105	41.5	30.4	45.6



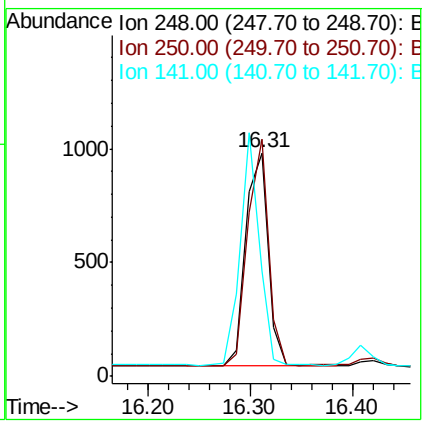


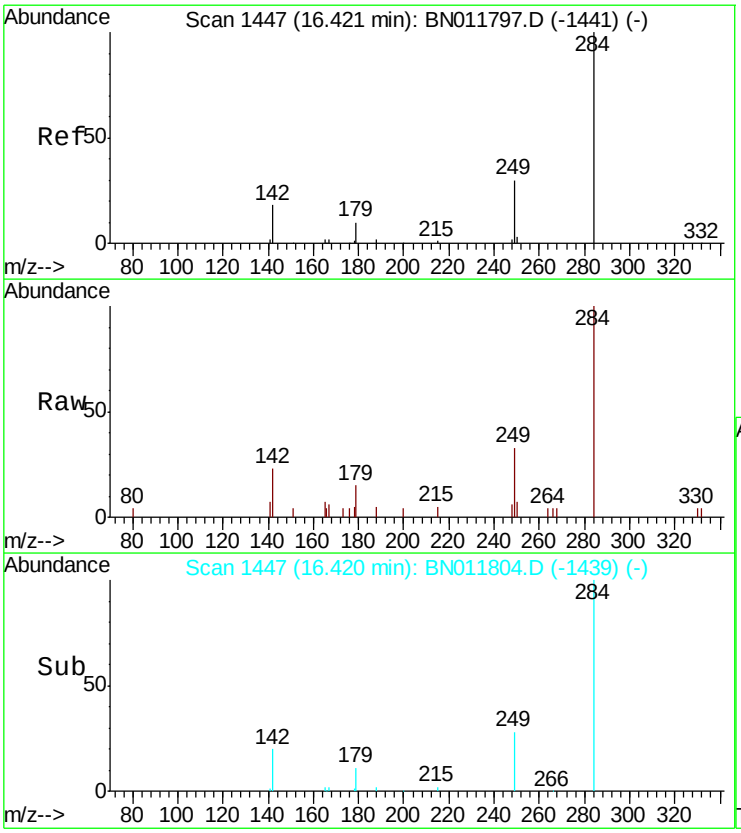
#21
4-Bromophenyl-phenylether
Concen: 0.377 ng
RT: 16.31 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:248 Resp: 1433

Ion	Ratio	Lower	Upper
248	100		
250	106.0	82.7	124.1
141	47.3	33.7	50.5

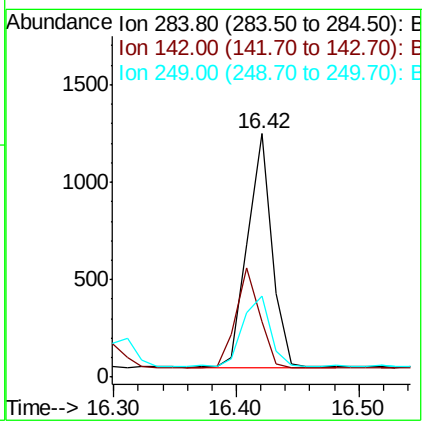


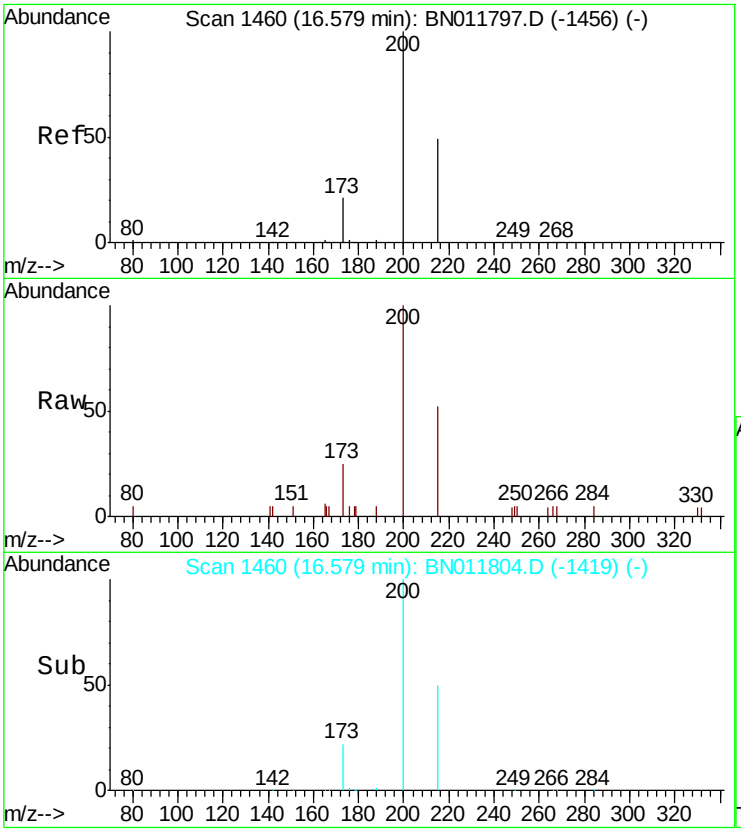


#22
Hexachlorobenzene
Concen: 0.375 ng
RT: 16.42 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:284 Resp: 1669

Ion	Ratio	Lower	Upper
284	100		
142	41.6	32.4	48.6
249	34.0	26.8	40.2



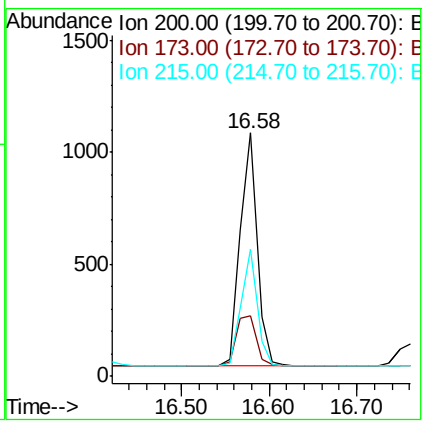


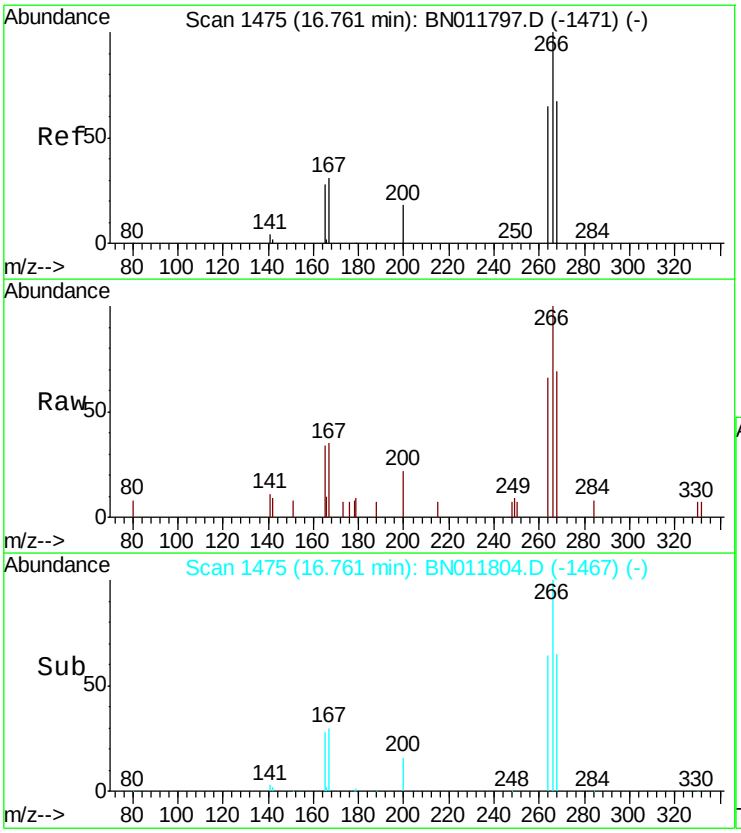
#23
Atrazine
Concen: 0.405 ng
RT: 16.58 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:200 Resp: 1419

Ion	Ratio	Lower	Upper
200	100		
173	24.9	18.7	28.1
215	52.2	40.2	60.4

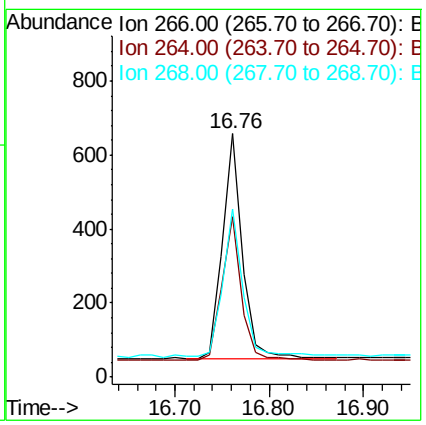


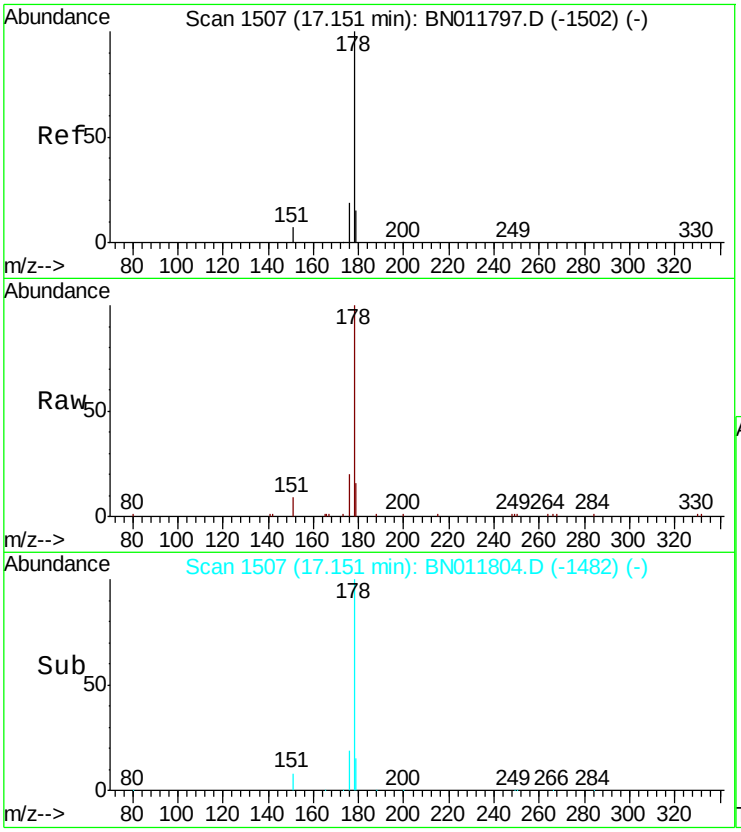


#24
Pentachlorophenol
Concen: 0.474 ng
RT: 16.76 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:266 Resp: 889

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.2	76.8
268	68.2	52.4	78.6



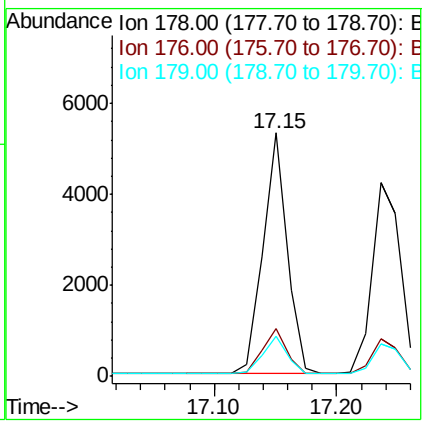


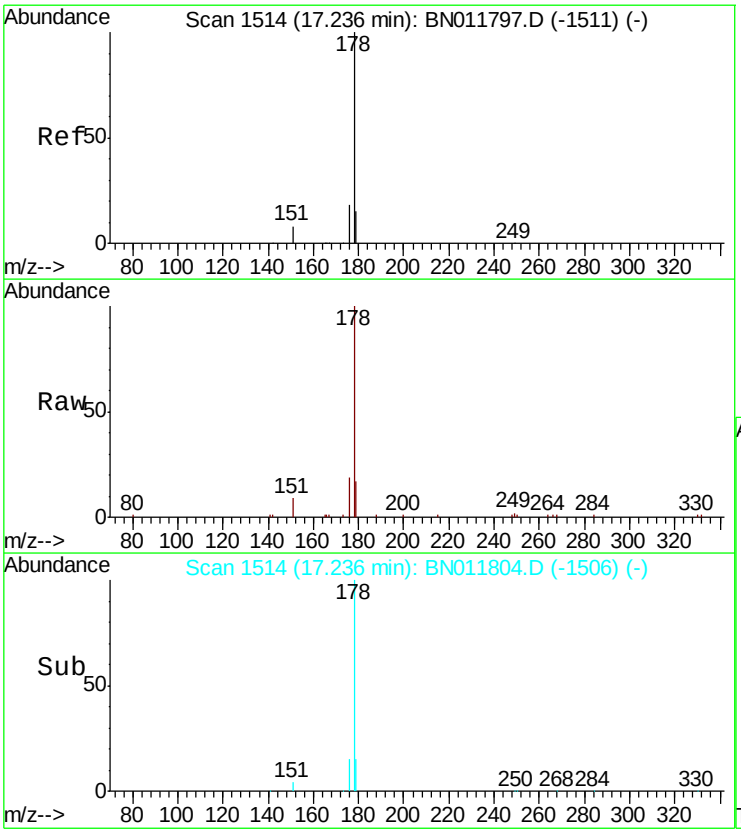
#25
Phenanthrene
Concen: 0.376 ng
RT: 17.15 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:178 Resp: 7346

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.8	12.3	18.5

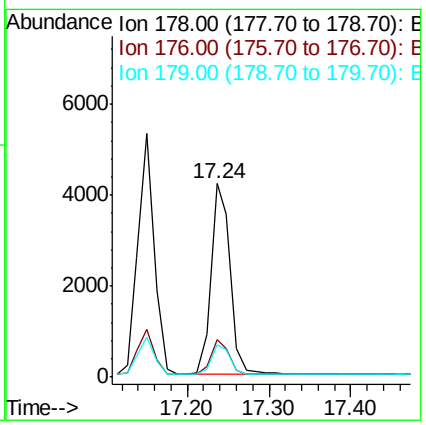


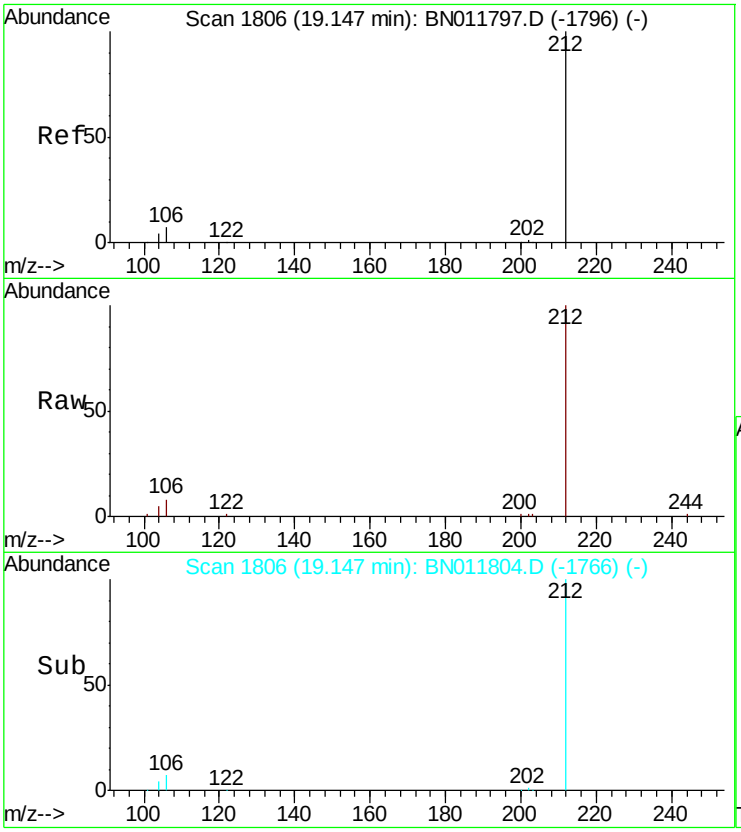


#26
Anthracene
Concen: 0.392 ng
RT: 17.24 min Scan# 1514
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:178 Resp: 6892

Ion	Ratio	Lower	Upper
178	100		
176	17.7	14.6	21.8
179	15.4	12.4	18.6



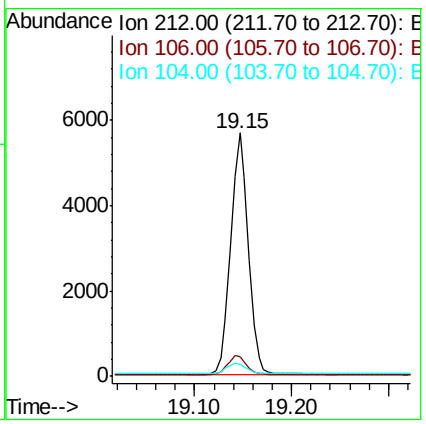


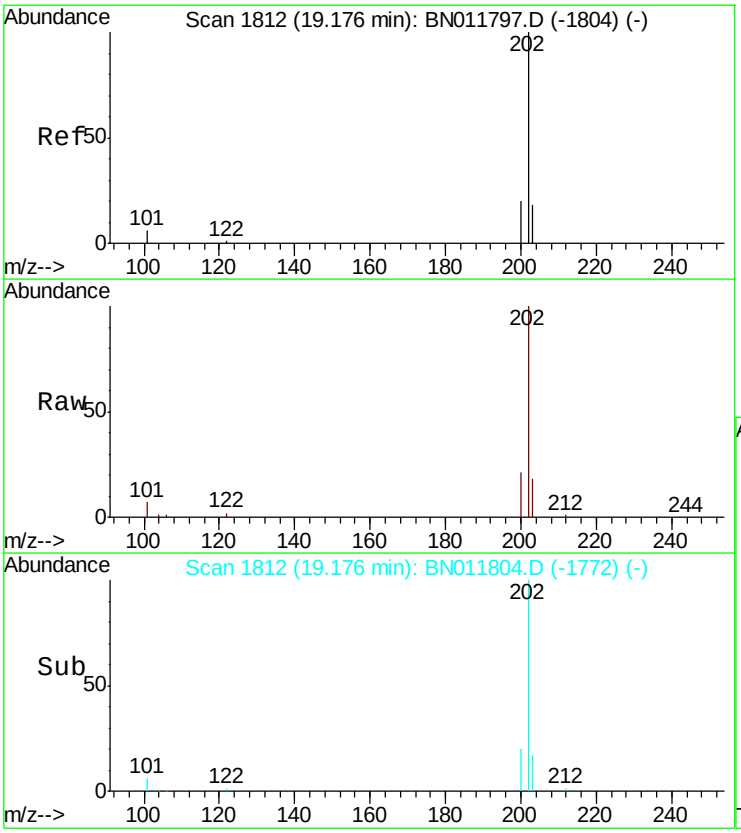
#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.15 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:212 Resp: 7184

Ion	Ratio	Lower	Upper
212	100		
106	8.0	6.4	9.6
104	4.7	3.9	5.9

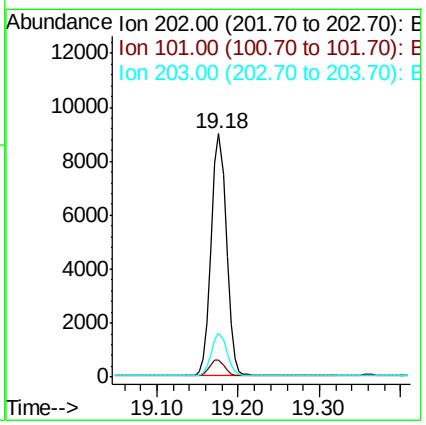


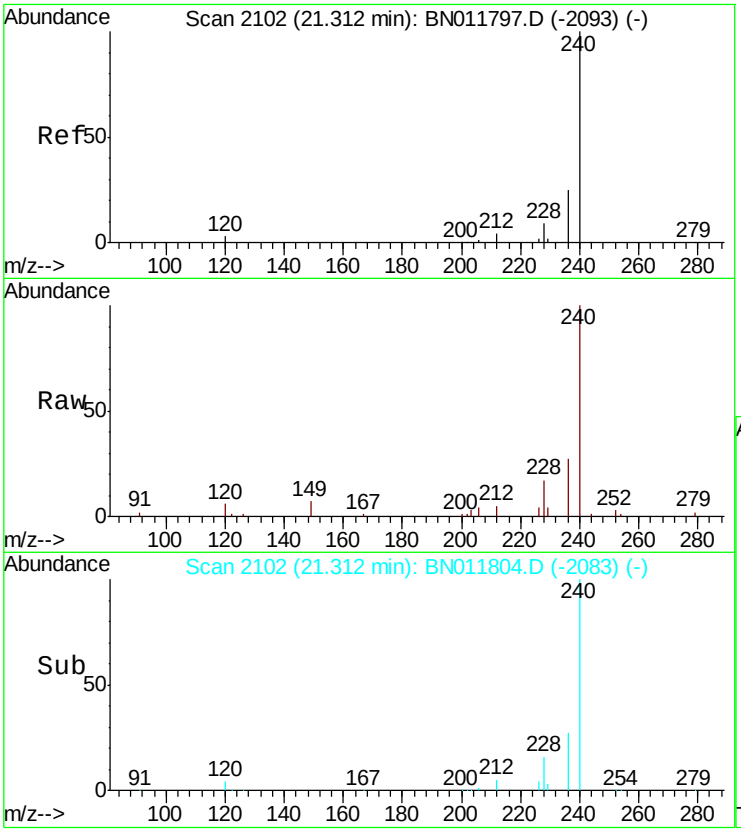


#28
Fluoranthene
Concen: 0.479 ng
RT: 19.18 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:202 Resp: 11663

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.4	8.2
203	17.3	13.8	20.6



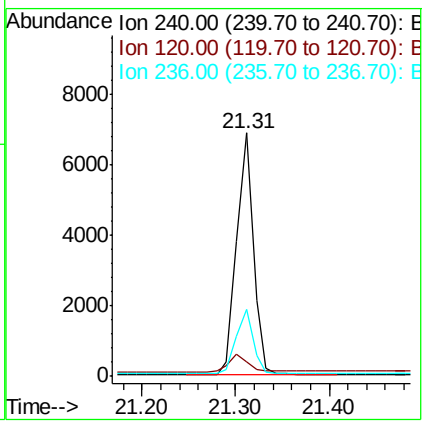


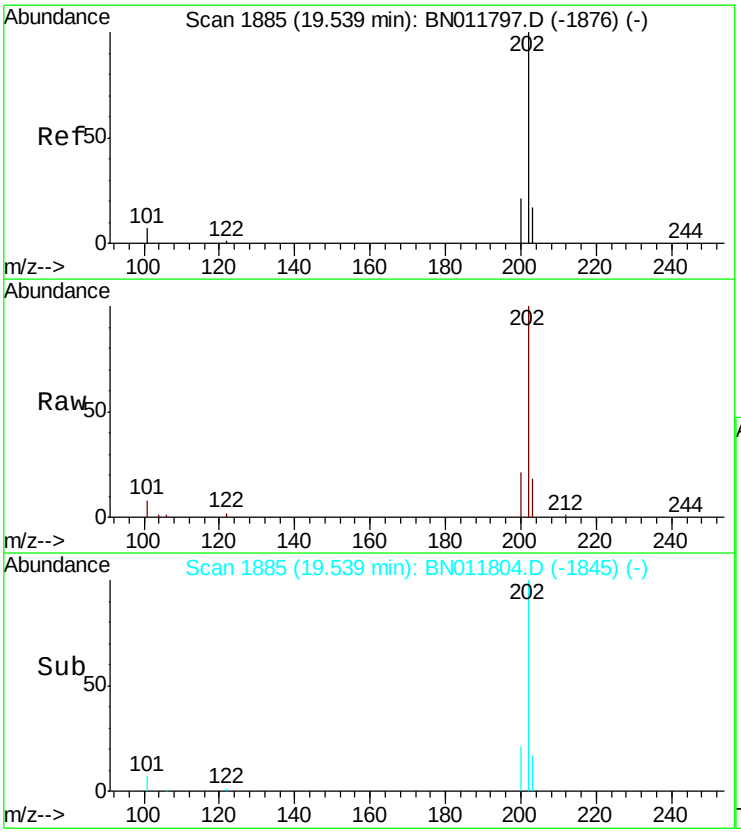
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:240 Resp: 8546

Ion	Ratio	Lower	Upper
240	100		
120	5.9	3.5	5.3#
236	27.4	20.5	30.7

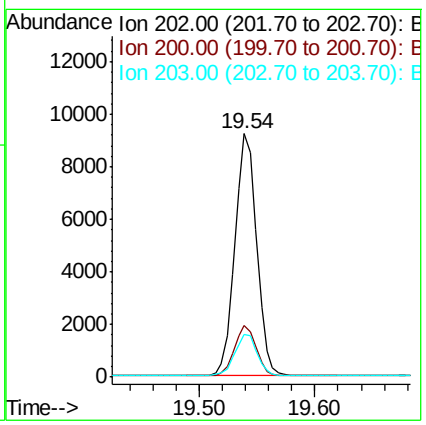


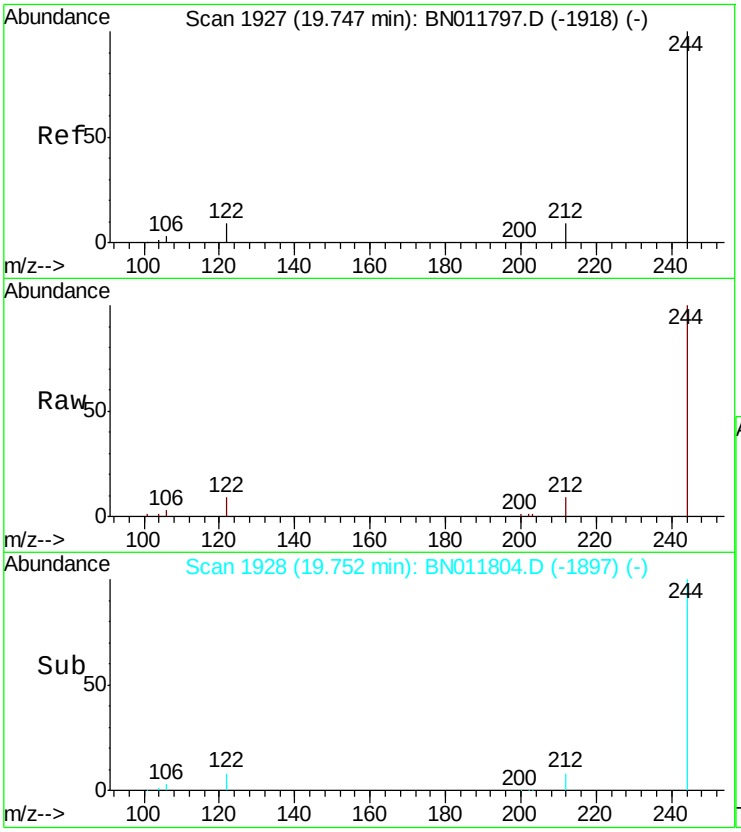


#30
Pyrene
Concen: 0.399 ng
RT: 19.54 min Scan# 1885
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:202 Resp: 12088

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	13.9	20.9



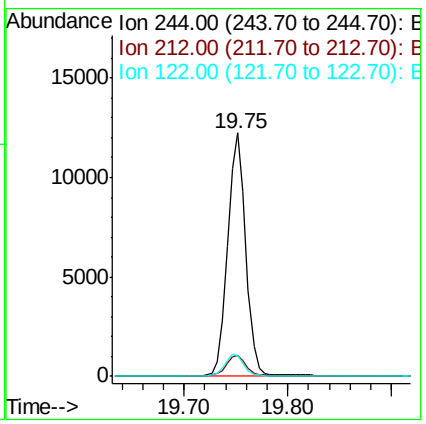


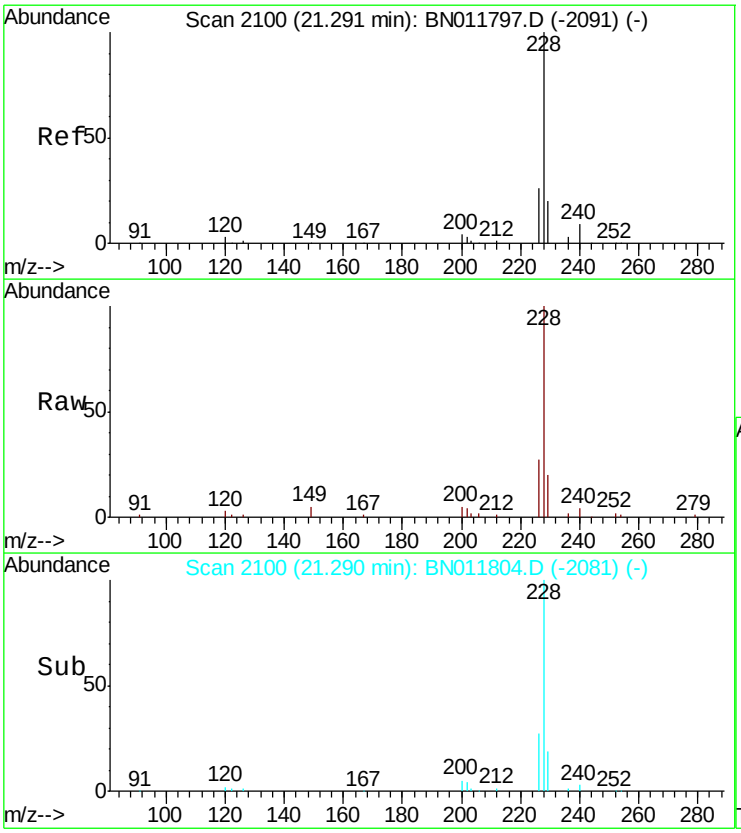
#31
Terphenyl-d14
Concen: 0.620 ng
RT: 19.75 min Scan# 1928
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:244 Resp: 14412

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.3	10.9
122	8.7	7.8	11.6

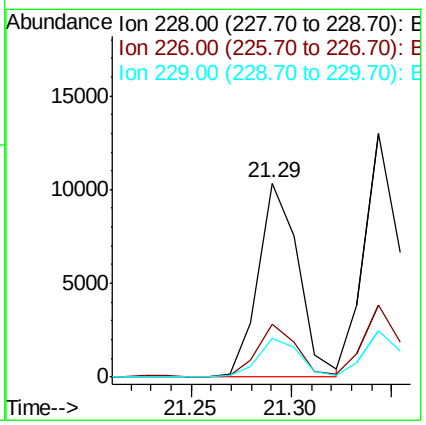


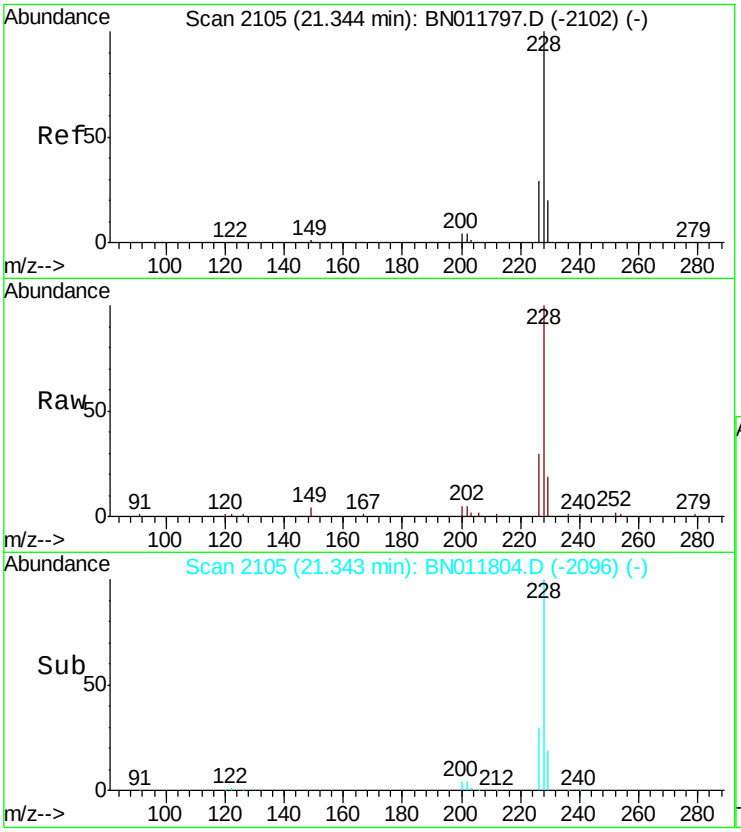


#32
Benzo(a)anthracene
Concen: 0.454 ng
RT: 21.29 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:228 Resp: 14170

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	19.8	16.0	24.0



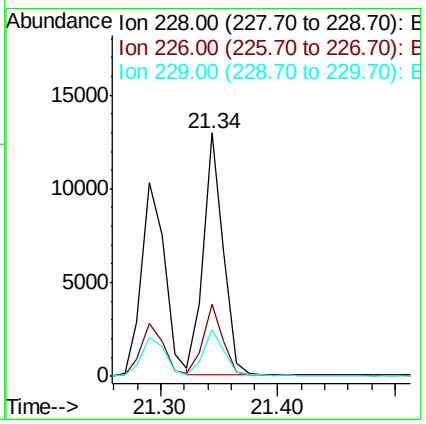


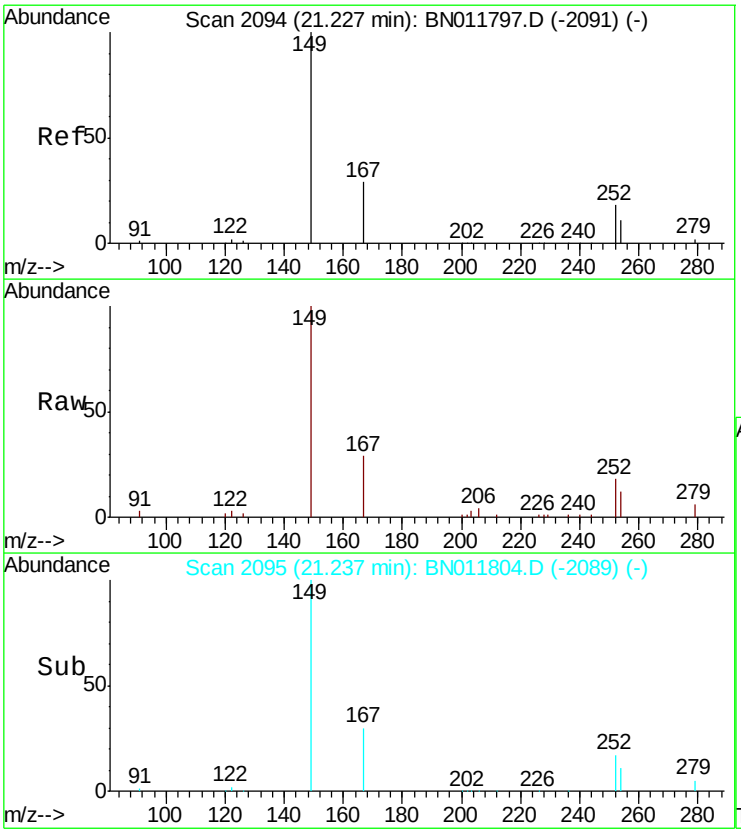
#33
Chrysene
Concen: 0.470 ng
RT: 21.34 min Scan# 2105
Delta R.T. -0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:228 Resp: 15346

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.3	34.9
229	19.3	15.8	23.8

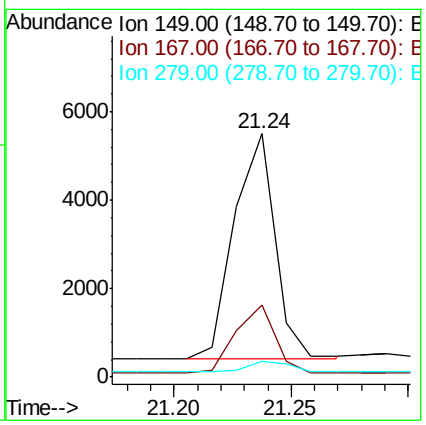


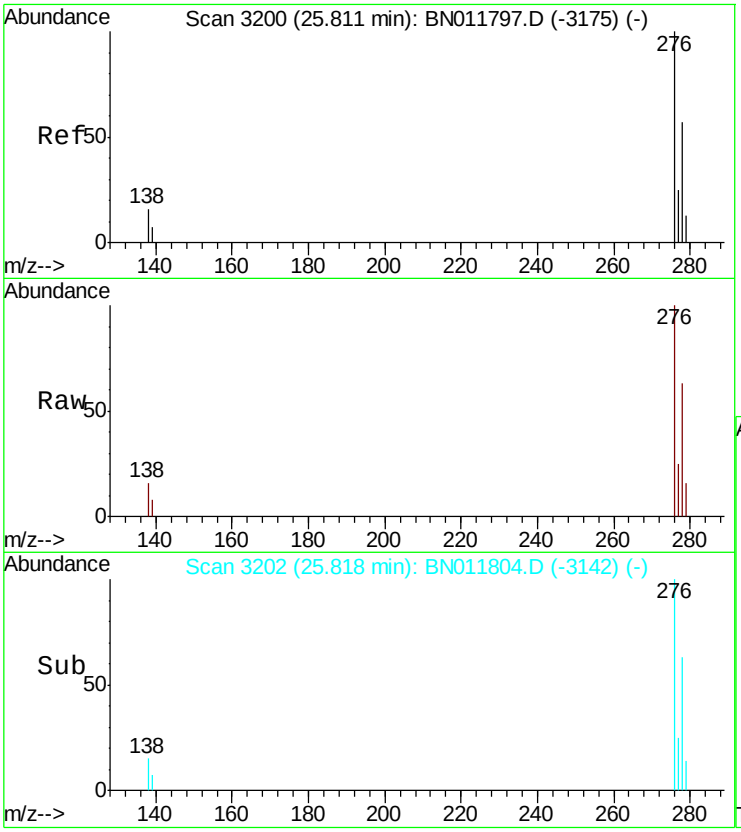


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.444 ng
RT: 21.24 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:149 Resp: 6198

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.6	35.4
279	5.0	4.0	6.0



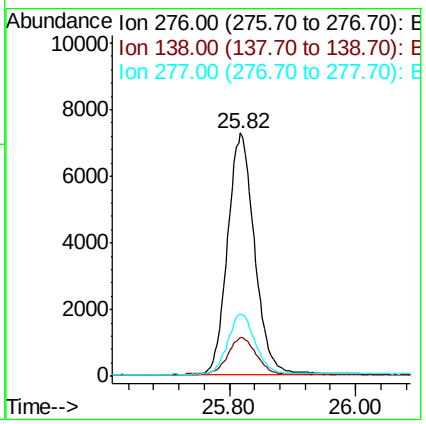


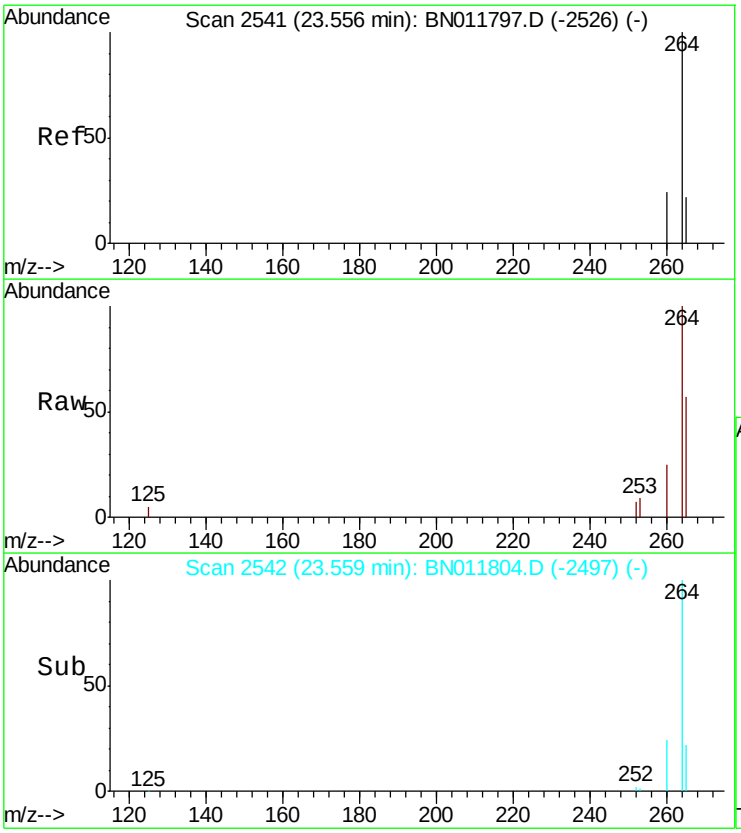
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.502 ng
RT: 25.82 min Scan# 3202
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:276 Resp: 21538

Ion	Ratio	Lower	Upper
276	100		
138	15.9	13.0	19.4
277	25.2	20.0	30.0

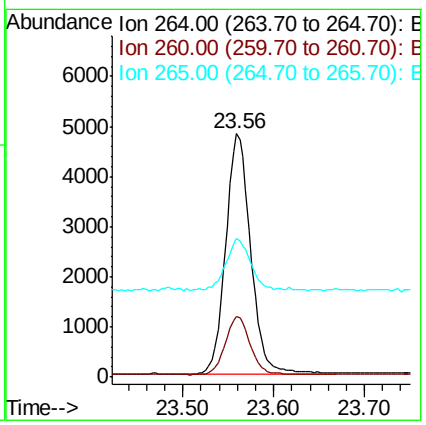


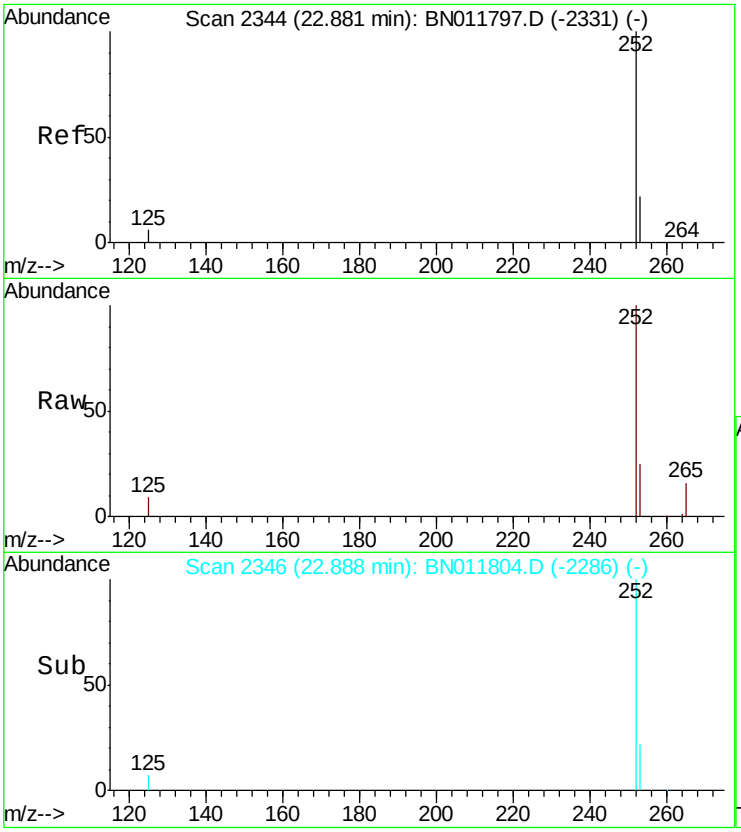


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.56 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:264 Resp: 9140

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	57.1	38.6	58.0



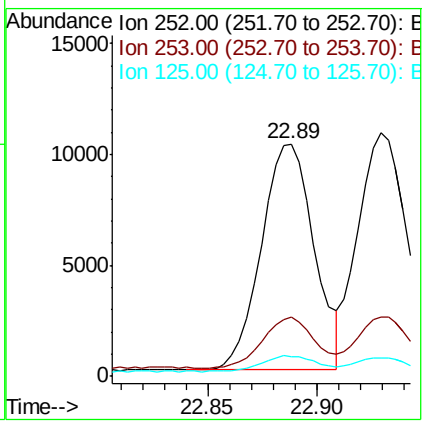


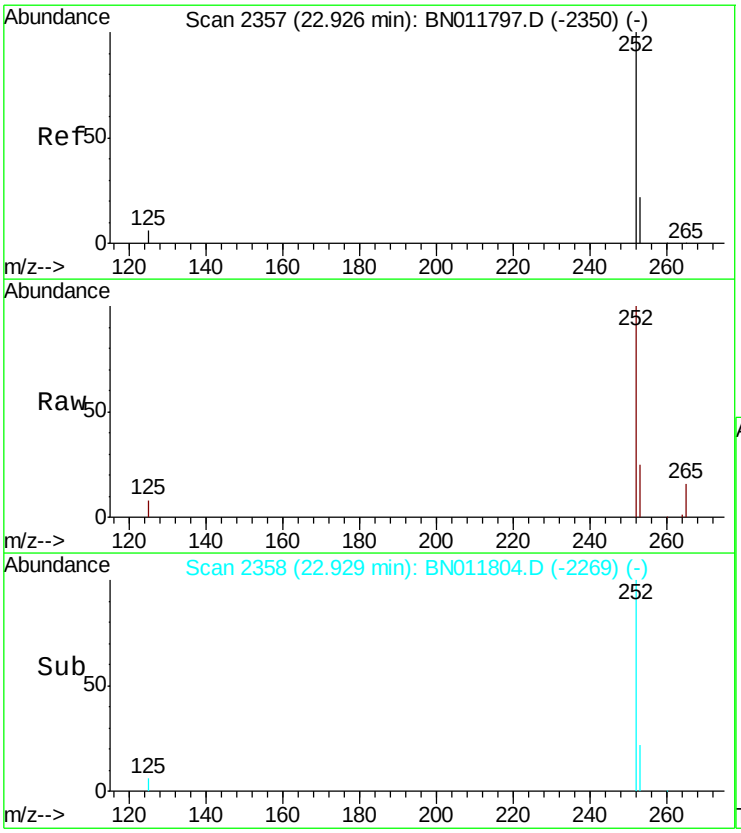
#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 22.89 min Scan# 2346
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:252 Resp: 17149

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.1	28.7
125	8.7	6.2	9.2

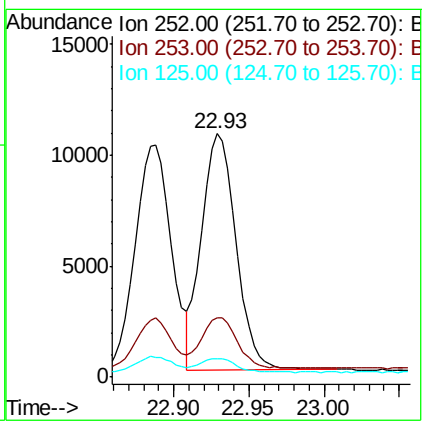


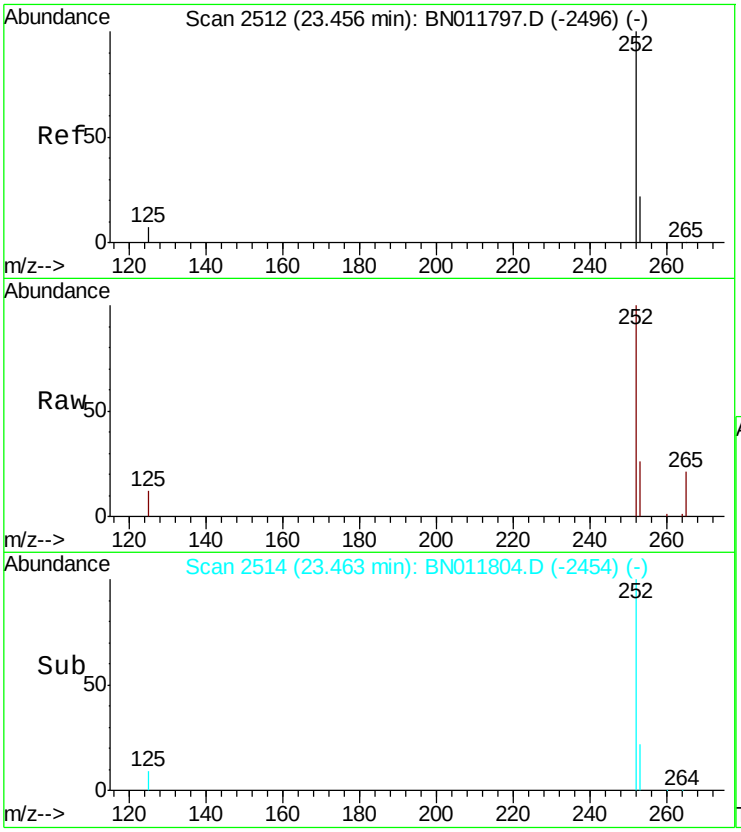


#38
Benzo(k)fluoranthene
Concen: 0.451 ng
RT: 22.93 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:252 Resp: 17015

Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.3	28.9
125	7.7	6.0	9.0



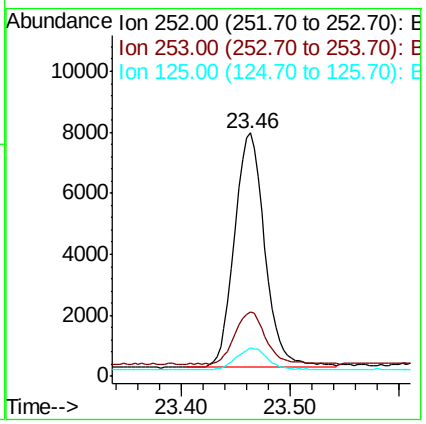


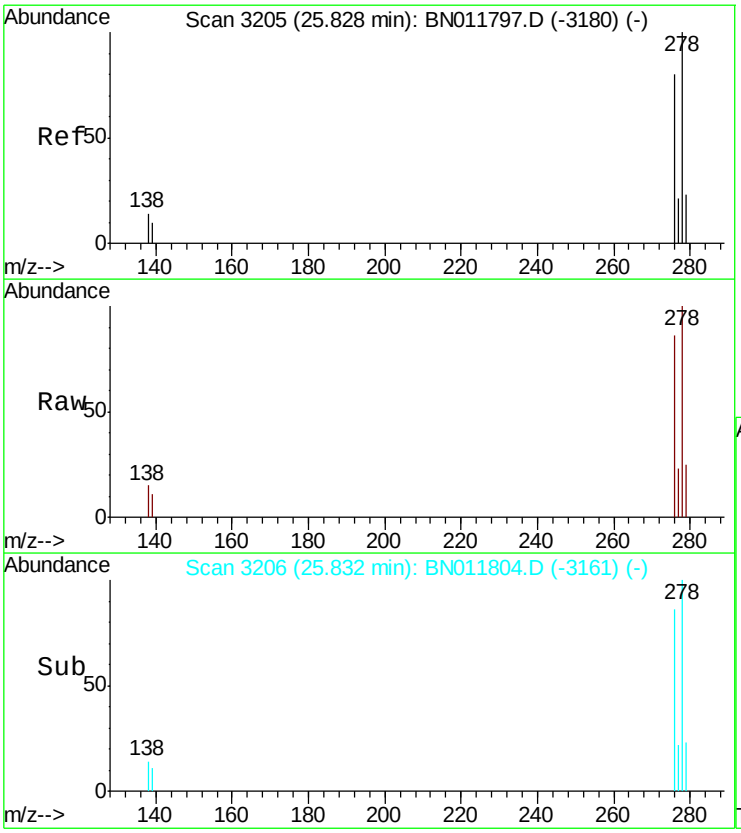
#39
Benzo(a)pyrene
Concen: 0.454 ng
RT: 23.46 min Scan# 2514
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:252 Resp: 14998

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.8	29.6
125	11.7	7.3	10.9#

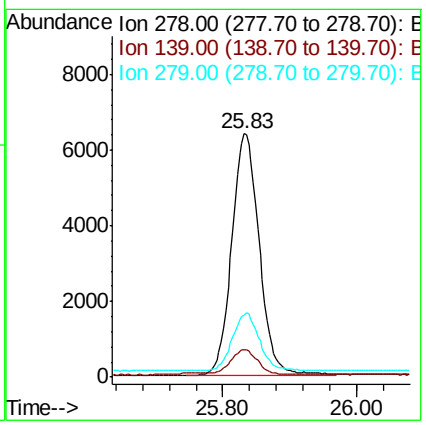


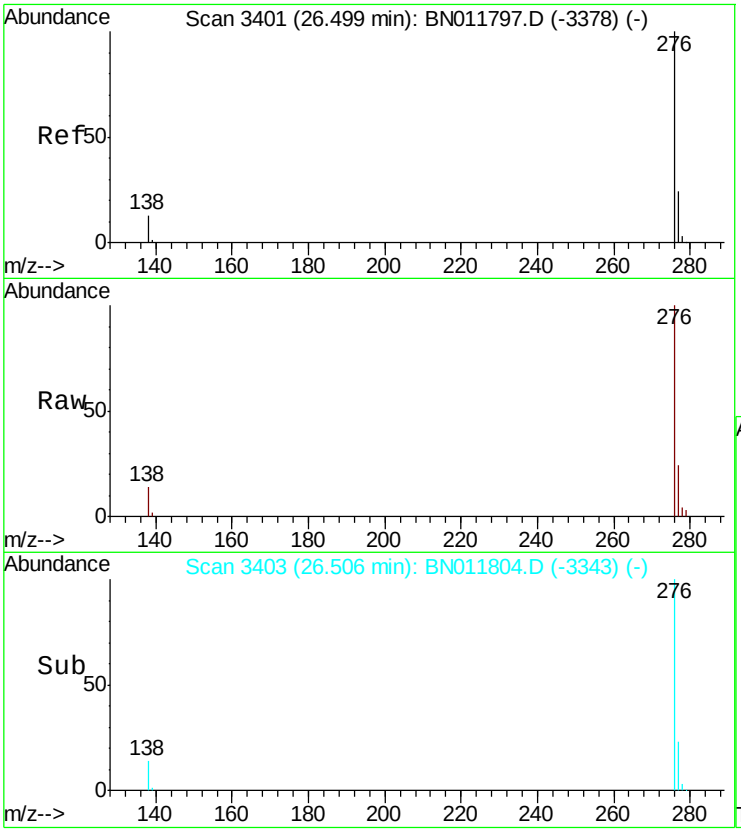


#40
Dibenzo(a,h)anthracene
Concen: 0.476 ng
RT: 25.83 min Scan# 3206
Delta R.T. 0.00 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Tgt Ion:278 Resp: 18201

Ion	Ratio	Lower	Upper
278	100		
139	11.4	8.6	13.0
279	25.4	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 0.462 ng
RT: 26.51 min Scan# 3403
Delta R.T. 0.01 min
Lab File: BN011804.D
Acq: 15 Sep 2020 17:29

Instrument :
BNA_N
ClientSampleId :
PB131586BS

Tgt Ion:276 Resp: 17639

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.4	29.0
138	14.5	11.3	16.9