Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011666.D
Acq On : 27 Aug 2020 16:18
Operator : CG/JU
Sample : PB131252BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131252BS

Quant Time: Aug 27 16:51:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 14:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1920	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	7159	0.40	ng		0.00
13) Acenaphthene-d10	14.38	164	4256	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	9412	0.40	ng		0.00
29) Chrysene-d12	21.32	240	9668	0.40	ng		0.00
36) Perylene-d12	23.58	264	10534	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.34	112	1963	0.36	ng		0.00
5) Phenol-d6	6.90	99	2608	0.35	ng		0.00
8) Nitrobenzene-d5	8.88	82	2486	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.12	152	4565	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	706	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.00	172	6610	0.37	ng		0.00
27) Fluoranthene-d10	19.16	212	10599	0.35	ng		0.00
31) Terphenyl-d14	19.77	244	9247	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1121	0.363	ng		98
3) n-Nitrosodimethylamine	3.59	42	1377	0.386	ng	#	98
6) bis(2-Chloroethyl)ether	7.17	93	2187	0.365	ng		98
9) Naphthalene	10.58	128	7380	0.360	ng		99
10) Hexachlorobutadiene	10.87	225	1692	0.376	ng	#	99
12) 2-Methylnaphthalene	12.20	142	5200	0.357	ng		99
16) Acenaphthylene	14.10	152	7045	0.340	ng		100
17) Acenaphthene	14.45	154	5058	0.353	ng		99
18) Fluorene	15.44	166	6467	0.353	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	477	0.328	ng	#	82
21) 4-Bromophenyl-phenylether	16.32	248	1897	0.344	ng		98
22) Hexachlorobenzene	16.43	284	2447	0.360	ng		99
23) Atrazine	16.59	200	1655	0.342	ng		99
24) Pentachlorophenol	16.77	266	900	0.333	ng		97
25) Phenanthrene	17.16	178	10693	0.352	ng		99
26) Anthracene	17.26	178	9324	0.345	ng		99
28) Fluoranthene	19.19	202	12638	0.351	ng		100
30) Pyrene	19.56	202	12819	0.381	ng		100
32) Benzo(a)anthracene	21.31	228	12646	0.366	ng		100
33) Chrysene	21.35	228	13251	0.372	ng		97
34) Bis(2-ethylhexyl)phthalate	21.26	149	5006	0.357	ng		99
35) Indeno(1,2,3-cd)pyrene	25.86	276	17436	0.375	ng		100
37) Benzo(b)fluoranthene	22.91	252	14247	0.353	ng		99
38) Benzo(k)fluoranthene	22.95	252	14610	0.354	ng		98
39) Benzo(a)pyrene	23.48	252	12219	0.338	ng		98
40) Dibenzo(a,h)anthracene	25.87	278	14310	0.351	ng		98
41) Benzo(g,h,i)perylene	26.55	276	13742	0.344	ng		99

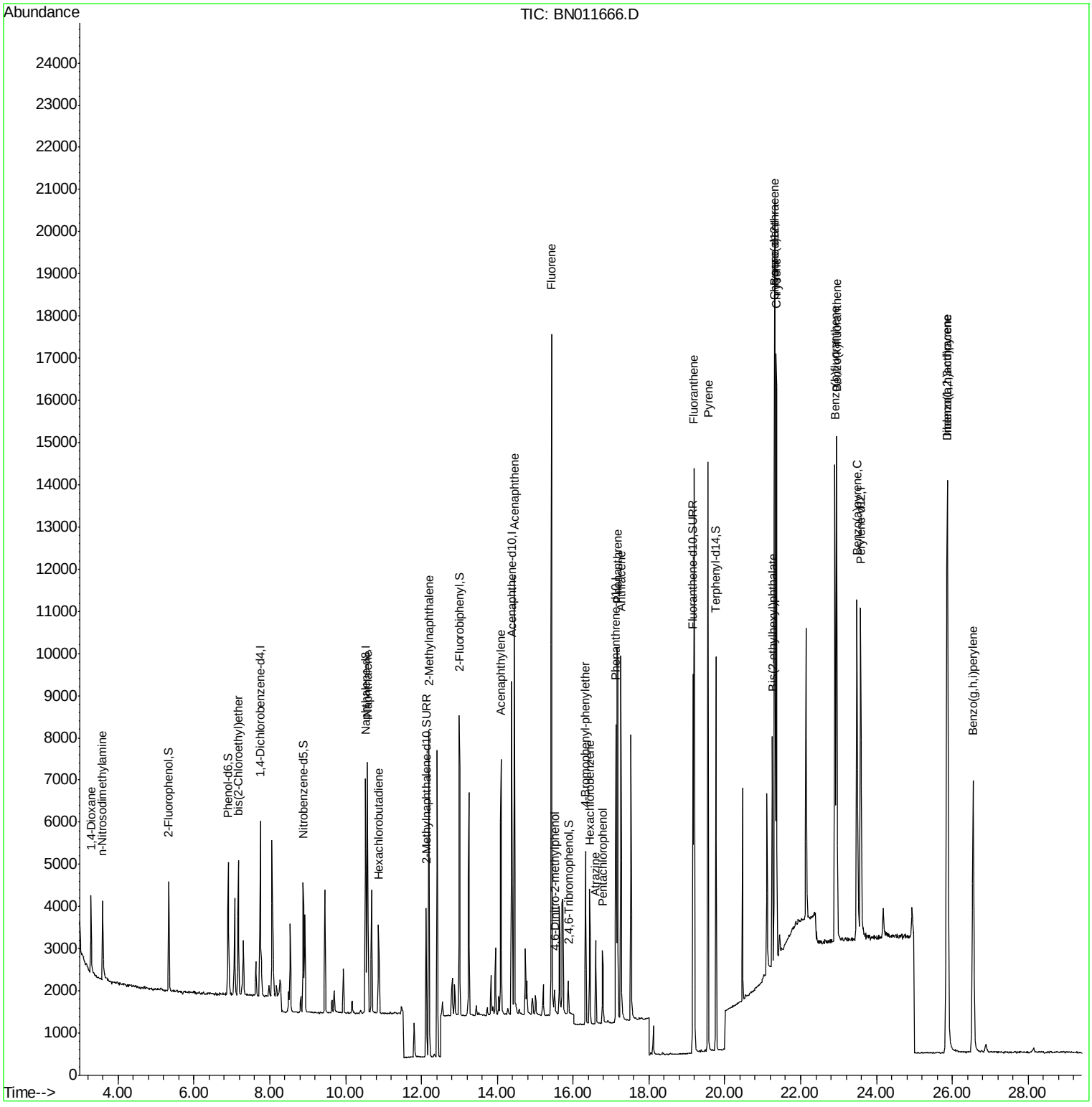
(#) = qualifier out of range (m) = manual integration (+) = signals summed

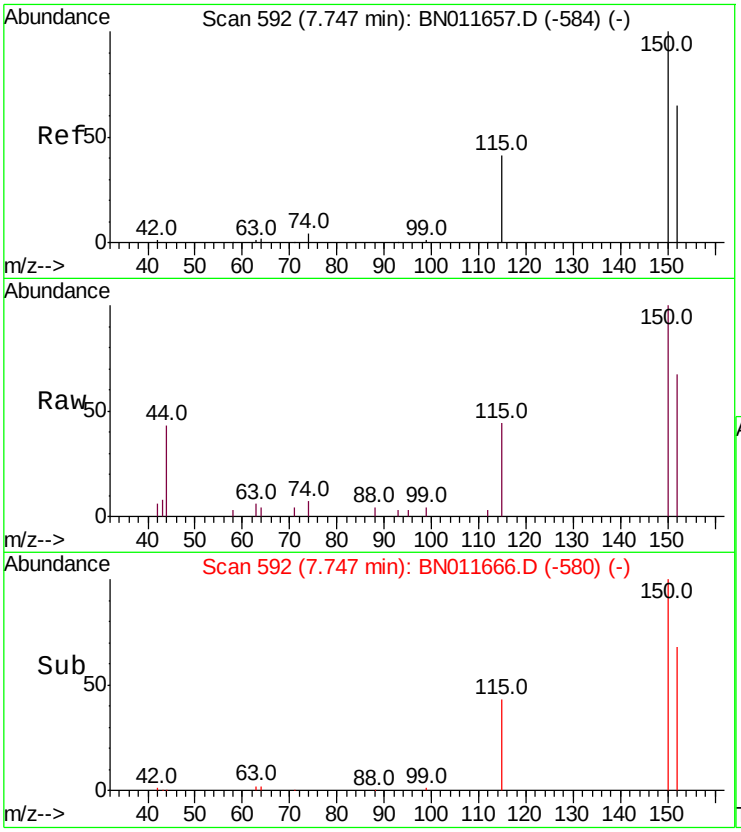
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082720\
Data File : BN011666.D
Acq On : 27 Aug 2020 16:18
Operator : CG/JU
Sample : PB131252BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Quant Time: Aug 27 16:51:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 14:34:48 2020
Response via : Initial Calibration



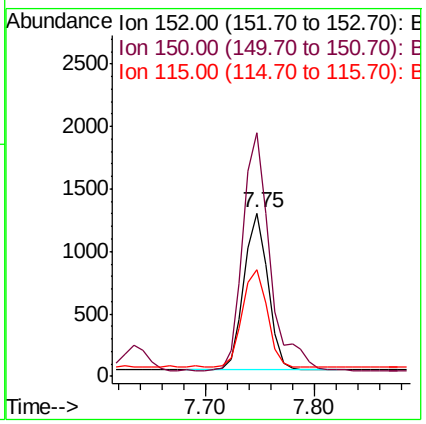


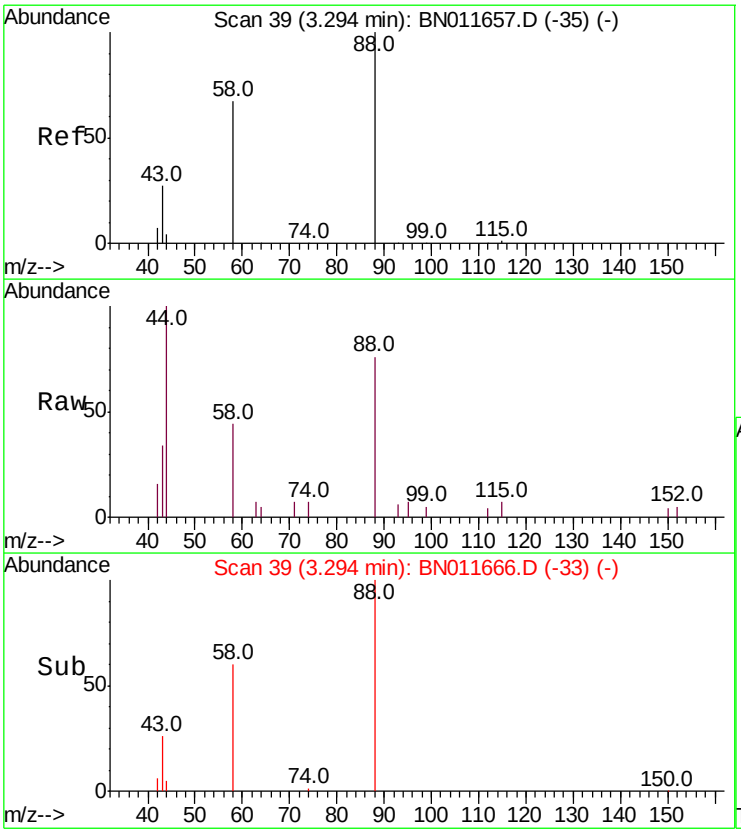
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.75 min Scan# 592
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:152 Resp: 1920

Ion	Ratio	Lower	Upper
152	100		
150	148.8	121.0	181.6
115	65.6	52.6	78.8

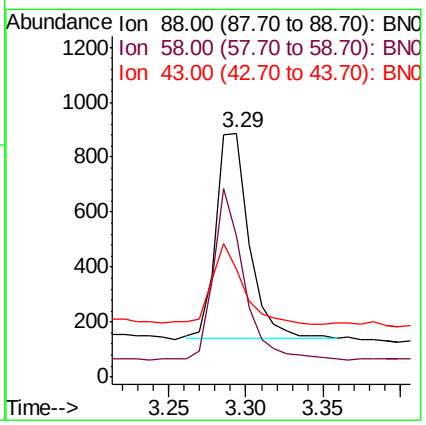


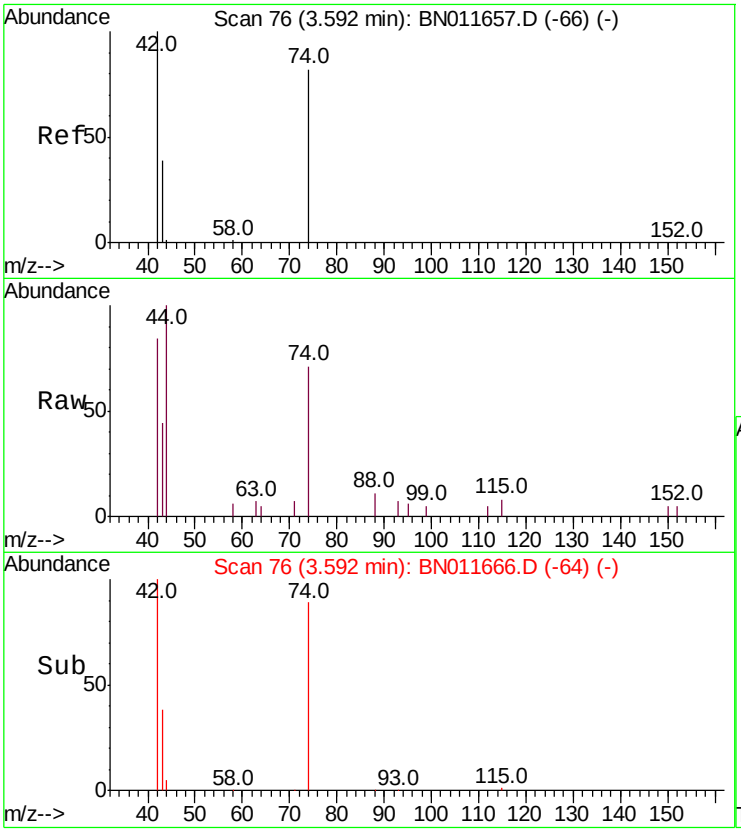


#2
1,4-Dioxane
Concen: 0.363 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion: 88 Resp: 1121

Ion	Ratio	Lower	Upper
88	100		
58	74.1	61.4	92.0
43	36.6	29.8	44.8



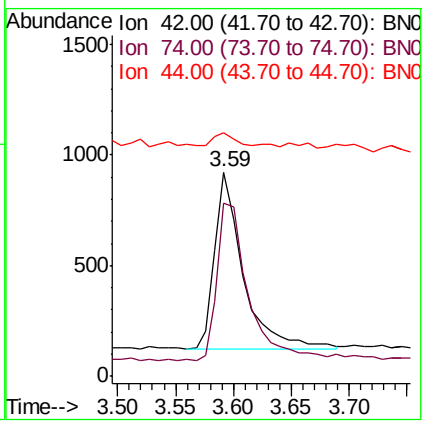


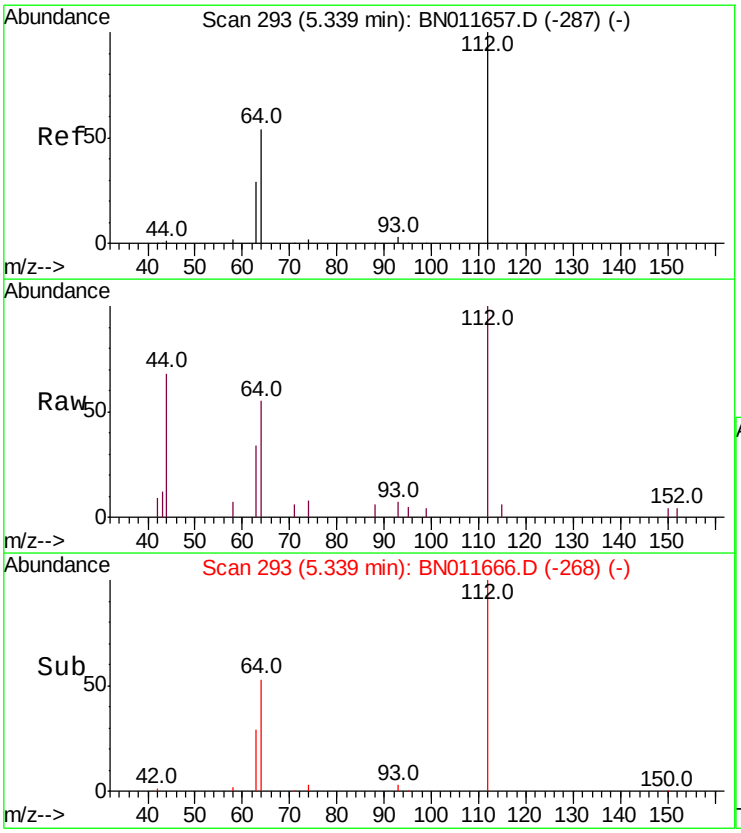
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.59 min Scan# 76
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion: 42 Resp: 1377

Ion	Ratio	Lower	Upper
42	100		
74	97.7	79.0	118.6
44	7.0	8.1	12.1#

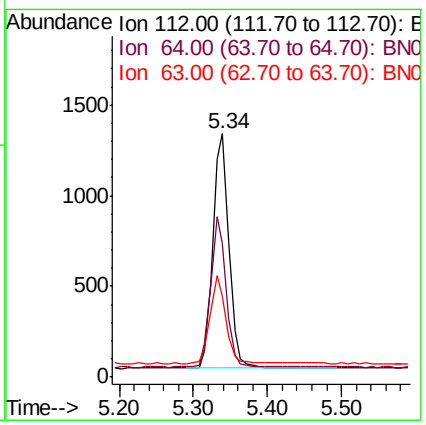


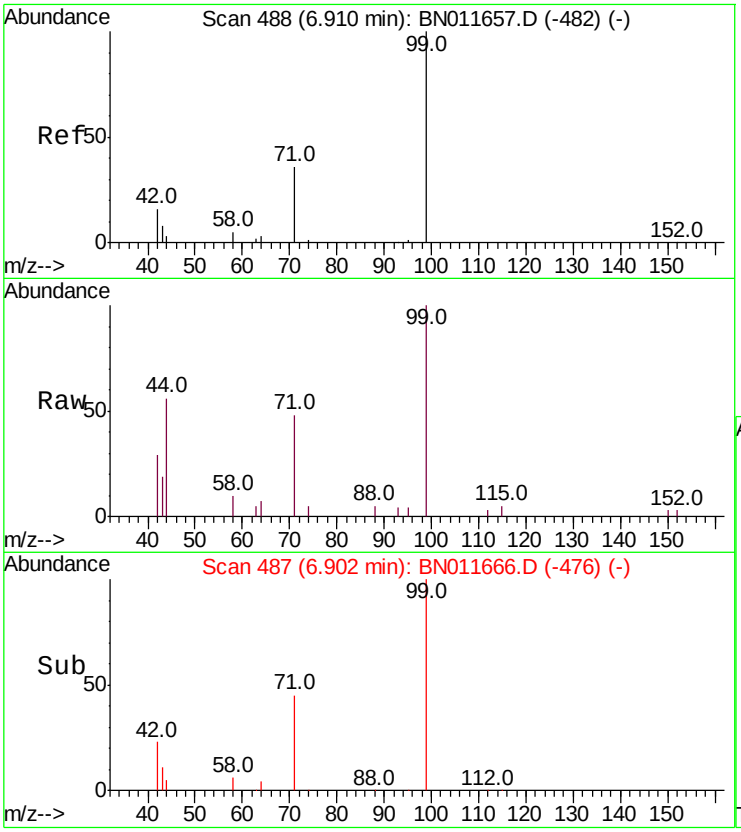


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.34 min Scan# 293
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:112 Resp: 1963

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.7	74.5
63	36.8	29.4	44.0



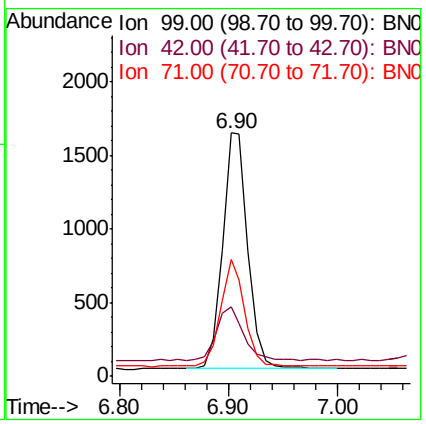


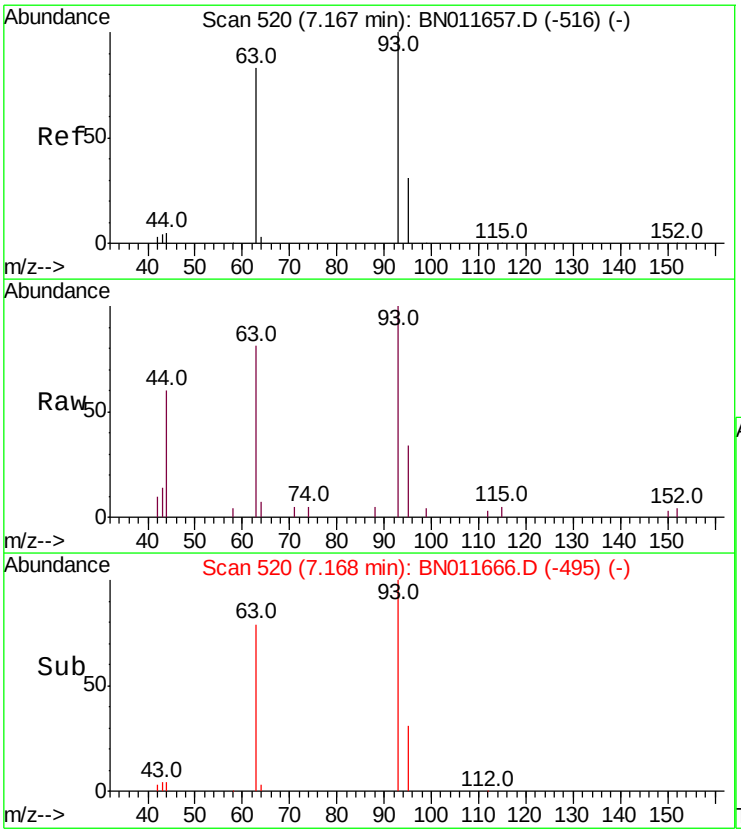
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.90 min Scan# 487
Delta R.T. -0.01 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion: 99 Resp: 2608

Ion	Ratio	Lower	Upper
99	100		
42	24.8	20.2	30.2
71	42.8	33.3	49.9

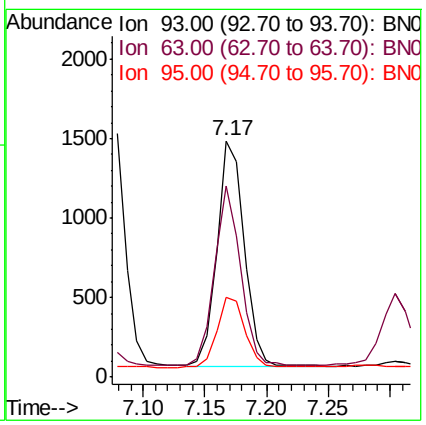


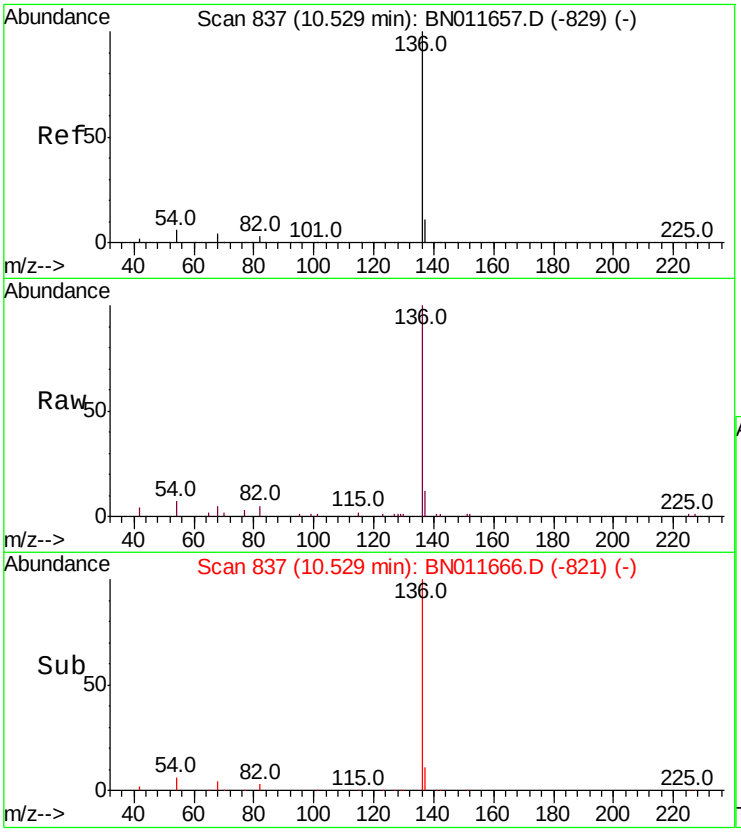


#6
bis(2-Chloroethyl)ether
Concen: 0.365 ng
RT: 7.17 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion: 93 Resp: 2187

Ion	Ratio	Lower	Upper
93	100		
63	76.0	62.2	93.4
95	31.6	26.6	39.8



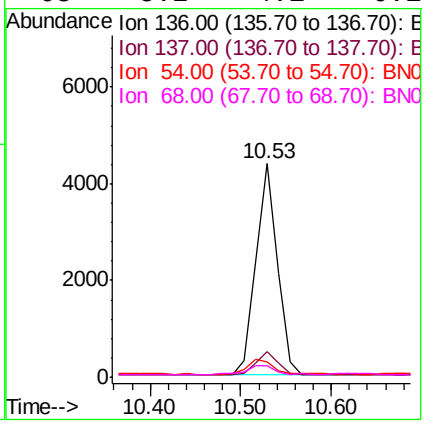


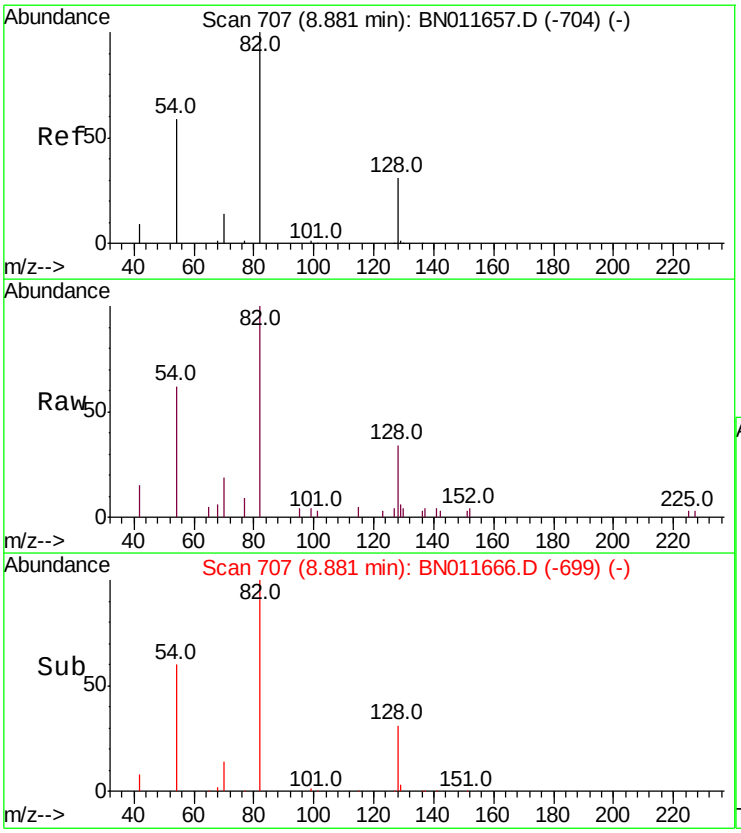
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.53 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:136 Resp: 7159

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.3	13.9
54	7.4	5.8	8.8
68	5.2	4.1	6.1

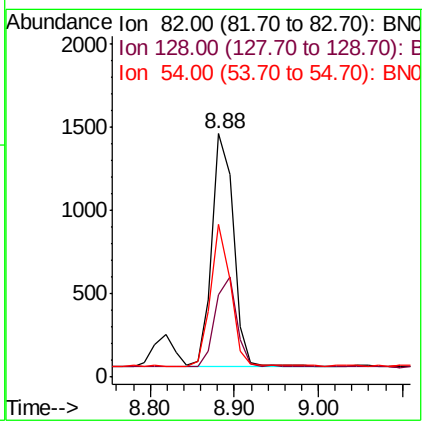


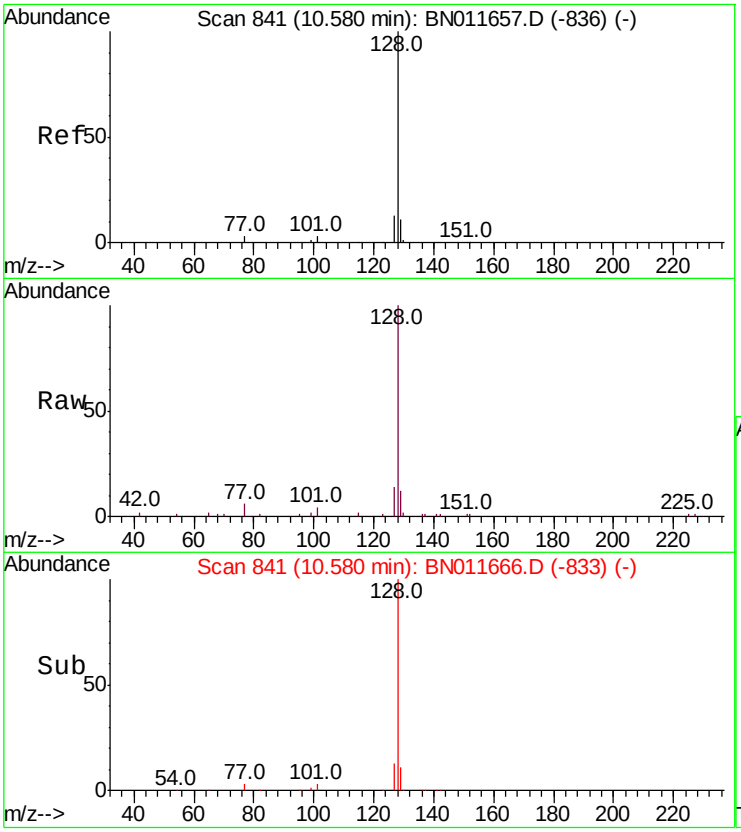


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 8.88 min Scan# 707
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion: 82 Resp: 2486

Ion	Ratio	Lower	Upper
82	100		
128	33.7	26.2	39.2
54	62.5	48.2	72.4

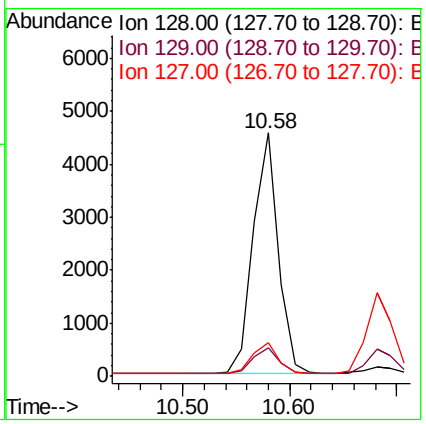




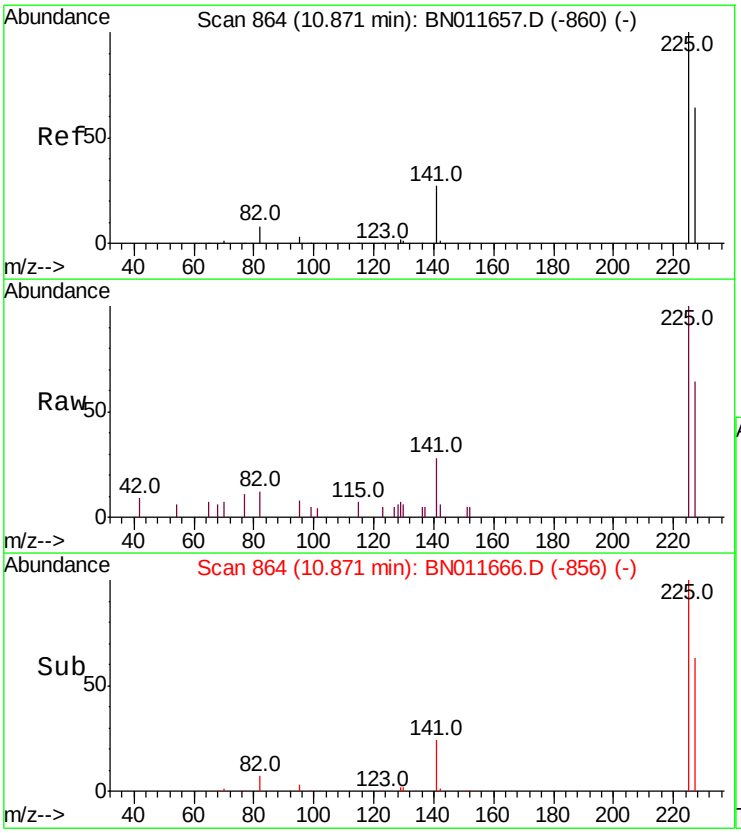
#9
Naphthalene
Concen: 0.360 ng
RT: 10.58 min Scan# 841
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:128 Resp: 7380

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.2
127	13.9	10.8	16.2



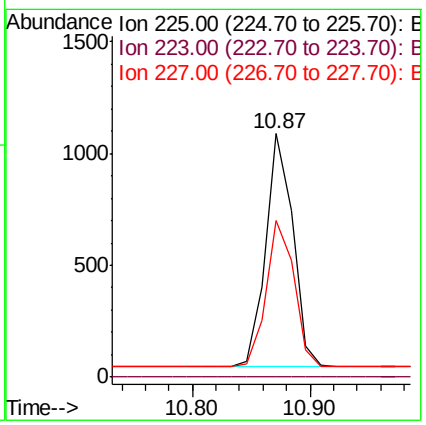
Instrument :
BNA_N
ClientSampleId :
PB131252BS

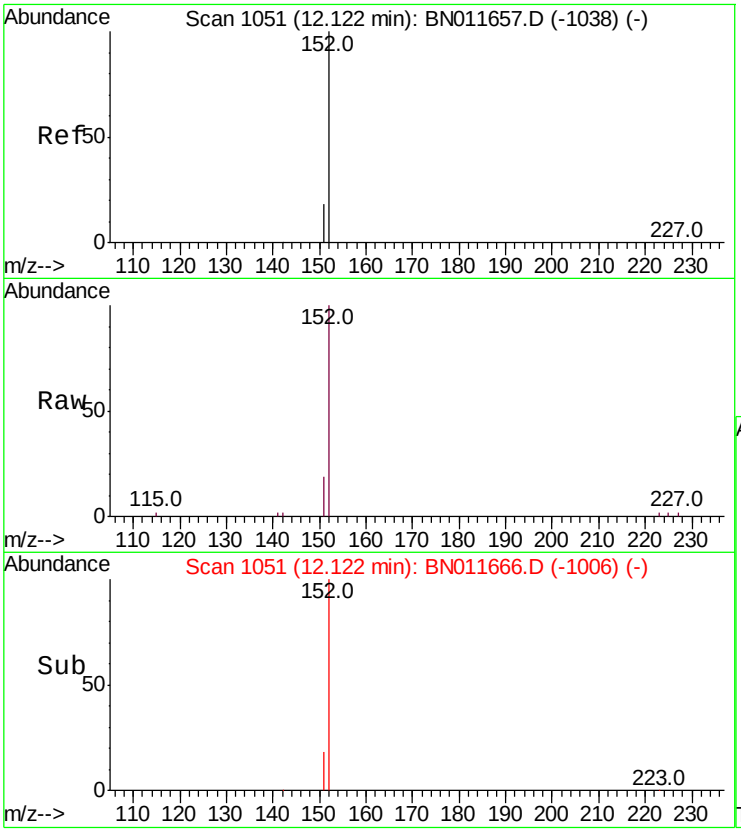


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.87 min Scan# 864
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:225 Resp: 1692

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	52.3	78.5



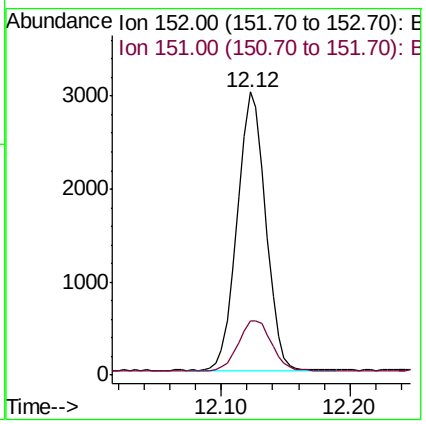


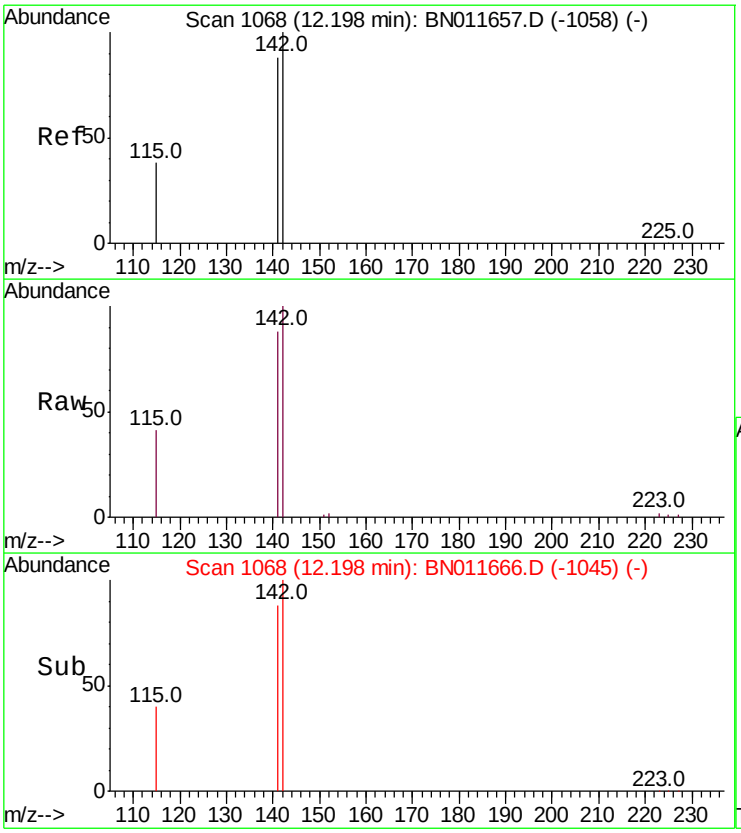
#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.12 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:152 Resp: 4565

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.7	25.1

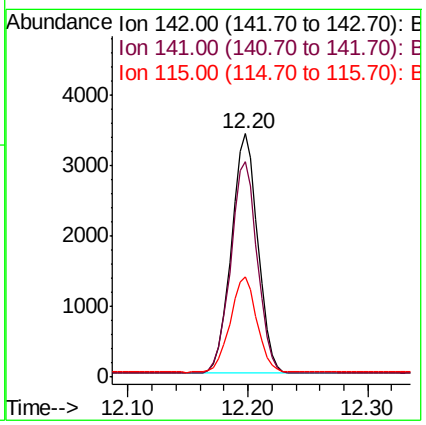


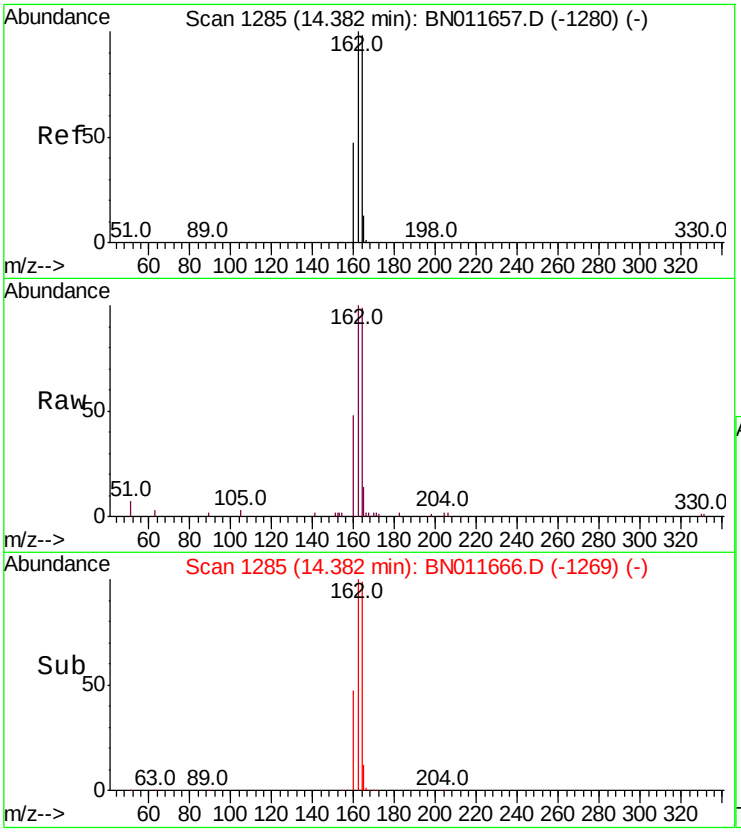


#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.20 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:142 Resp: 5200

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.6	106.0
115	41.1	31.3	46.9



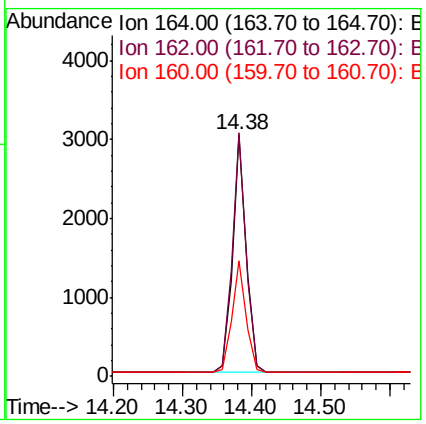


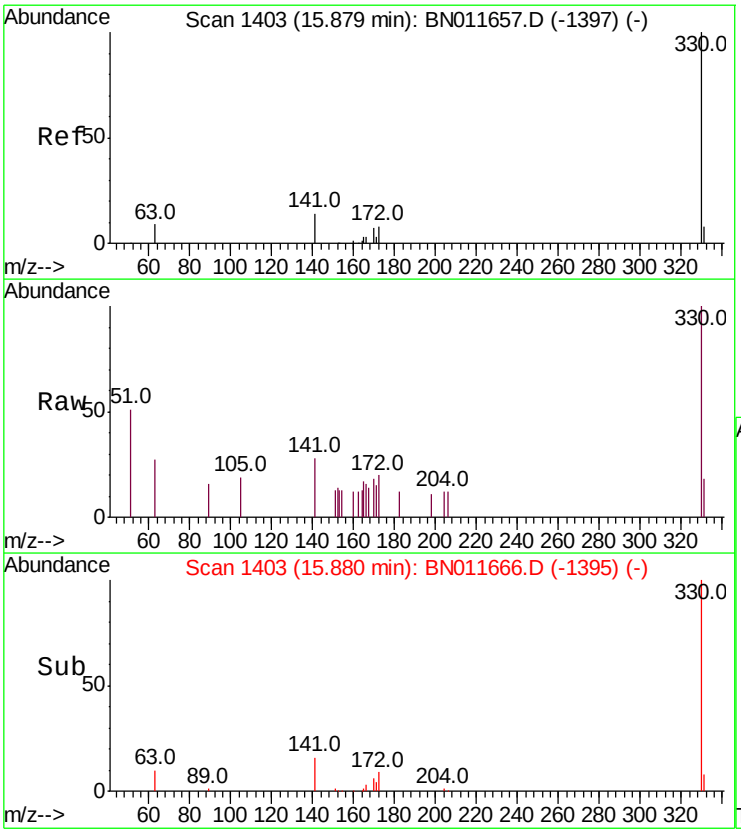
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.38 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:164 Resp: 4256

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.4	122.0
160	48.1	38.5	57.7

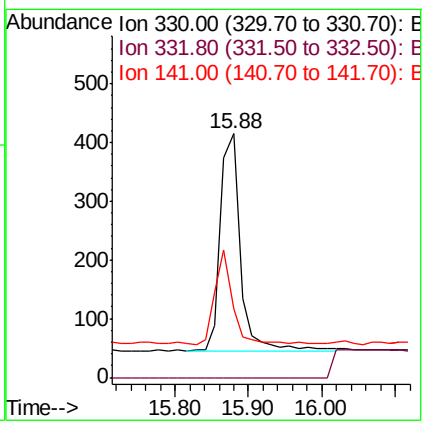


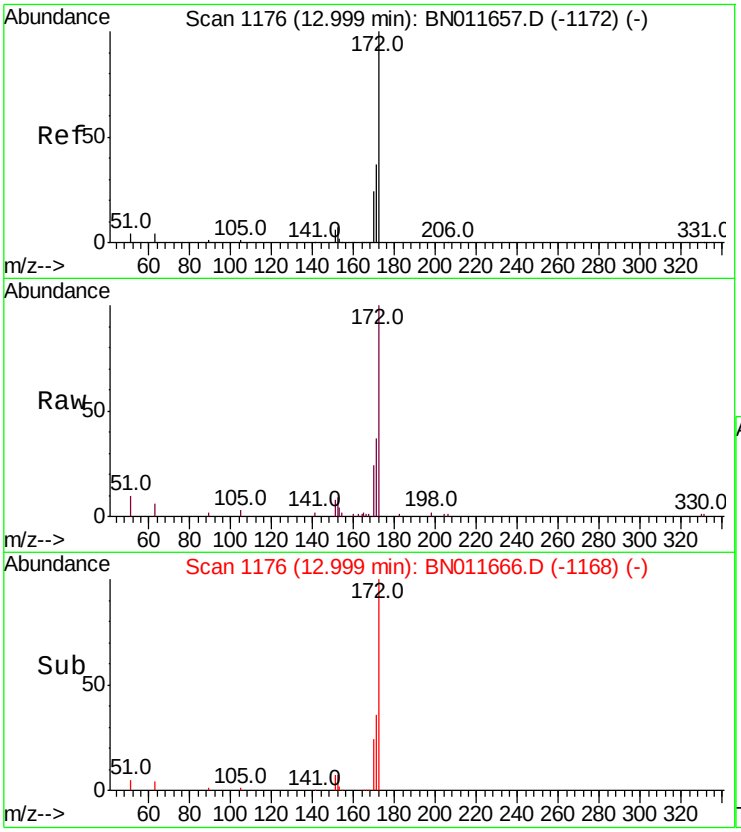


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.88 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:330 Resp: 706

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	39.1	30.0	45.0



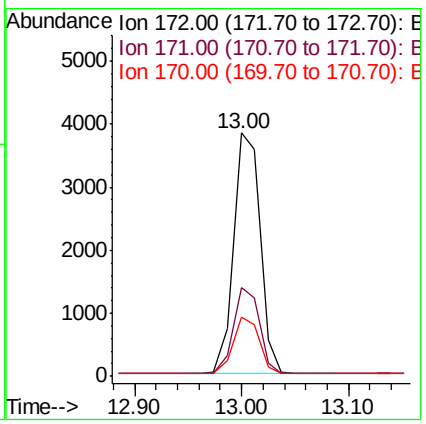


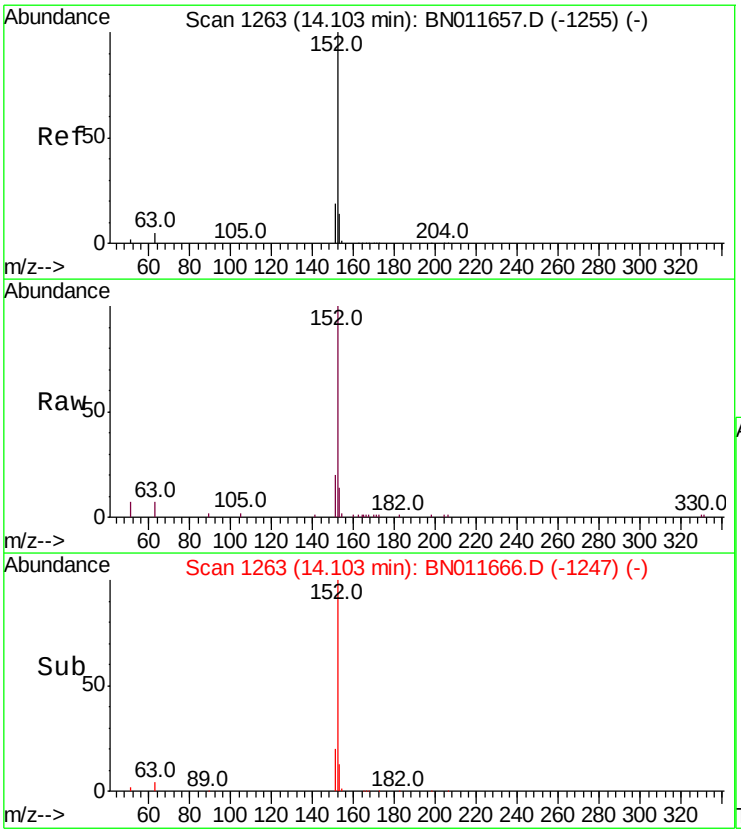
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 13.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:172 Resp: 6610

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.4	20.1	30.1

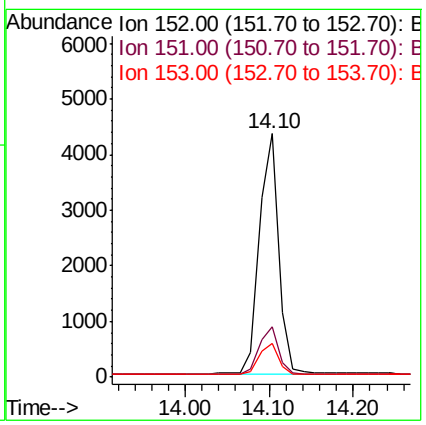


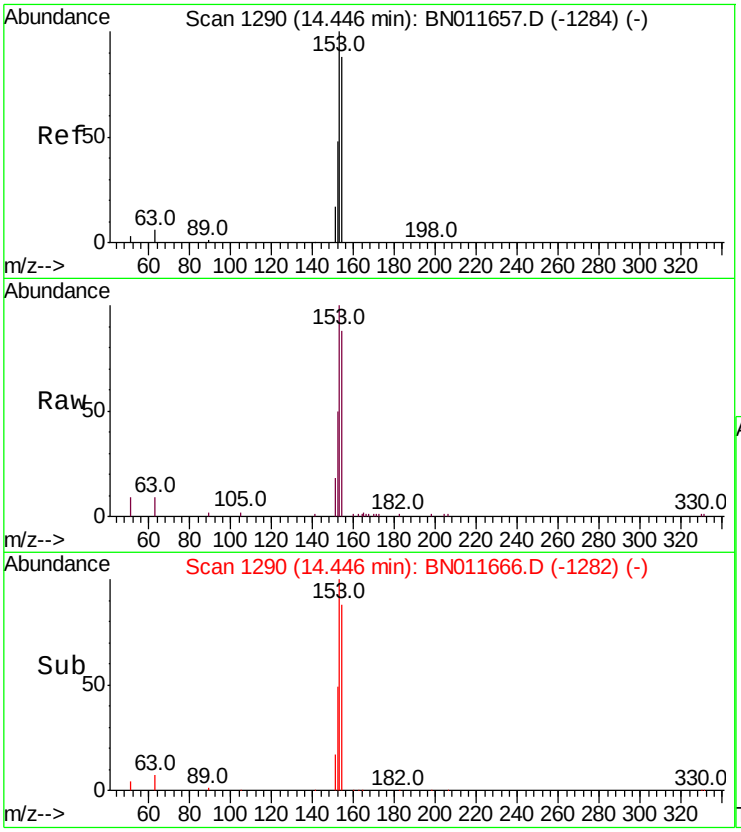


#16
Acenaphthylene
Concen: 0.340 ng
RT: 14.10 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:152 Resp: 7045

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.2	10.5	15.7



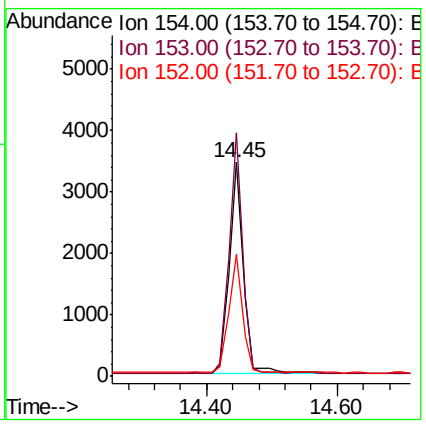


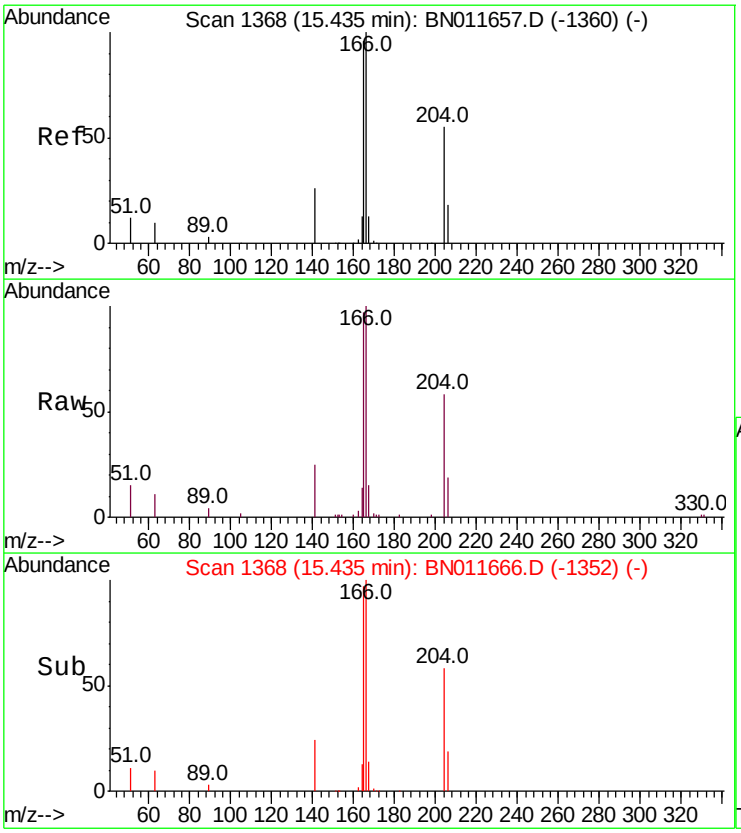
#17
Acenaphthene
Concen: 0.353 ng
RT: 14.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:154 Resp: 5058

Ion	Ratio	Lower	Upper
154	100		
153	110.2	89.2	133.8
152	55.5	44.1	66.1

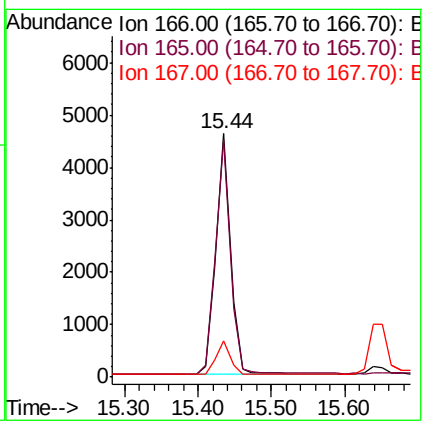


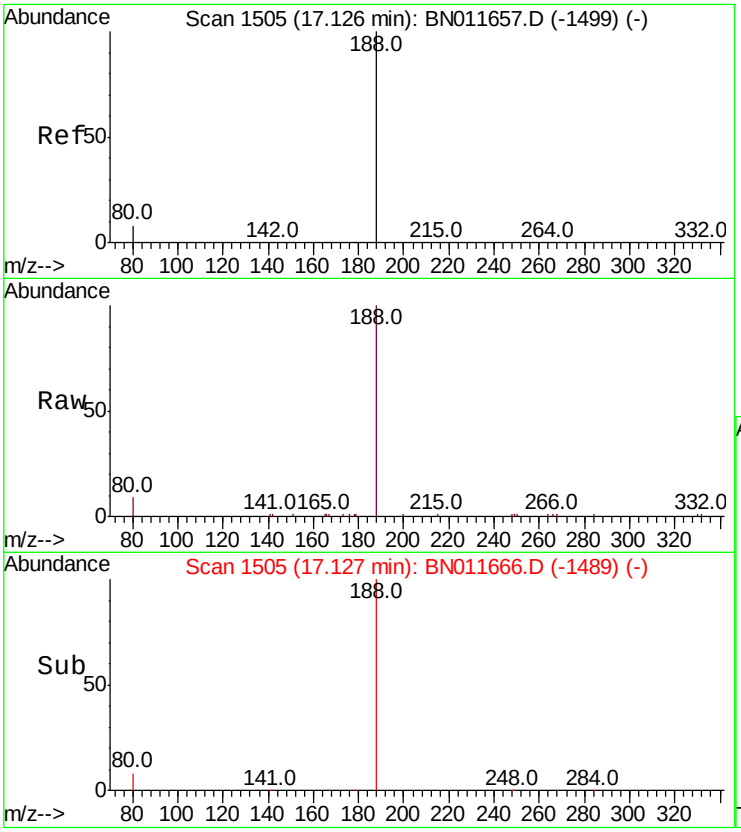


#18
Fluorene
Concen: 0.353 ng
RT: 15.44 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:166 Resp: 6467

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	13.5	11.0	16.4



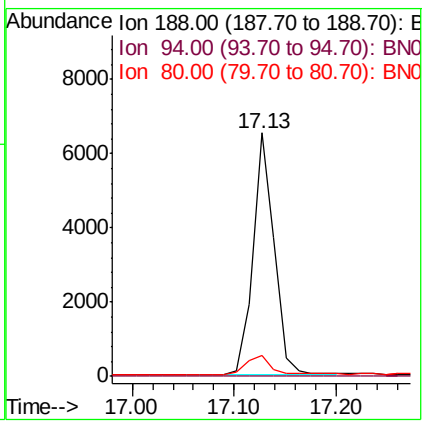


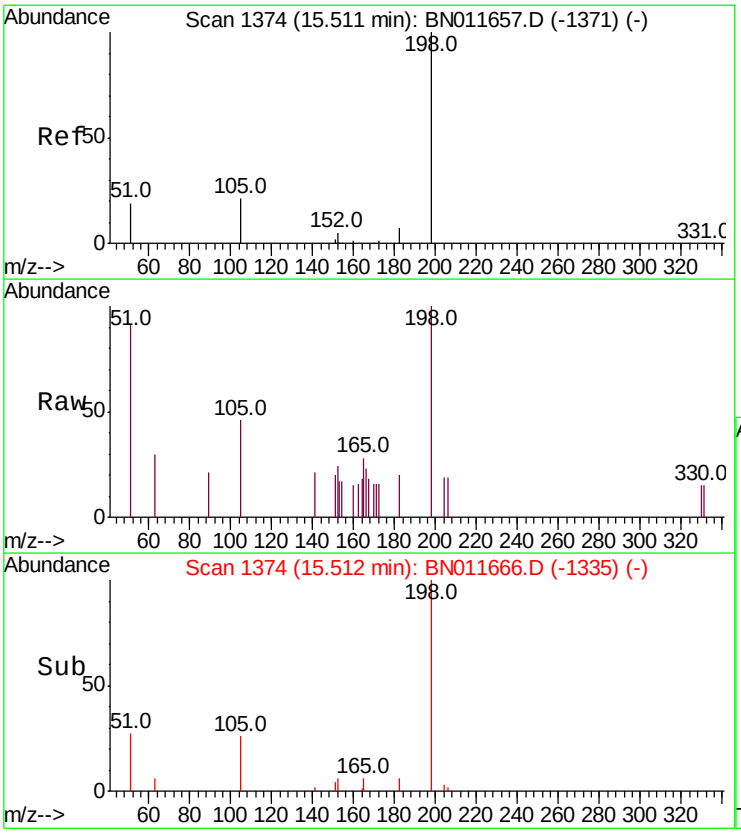
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.13 min Scan# 1505
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:188 Resp: 9412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	6.6	9.8

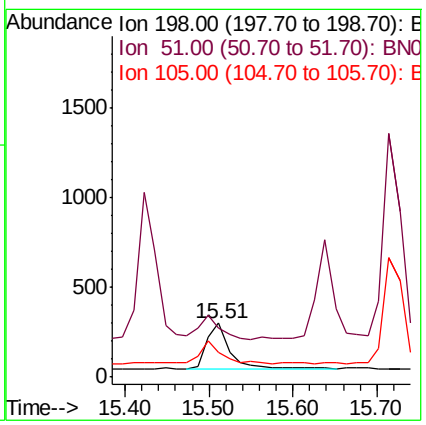


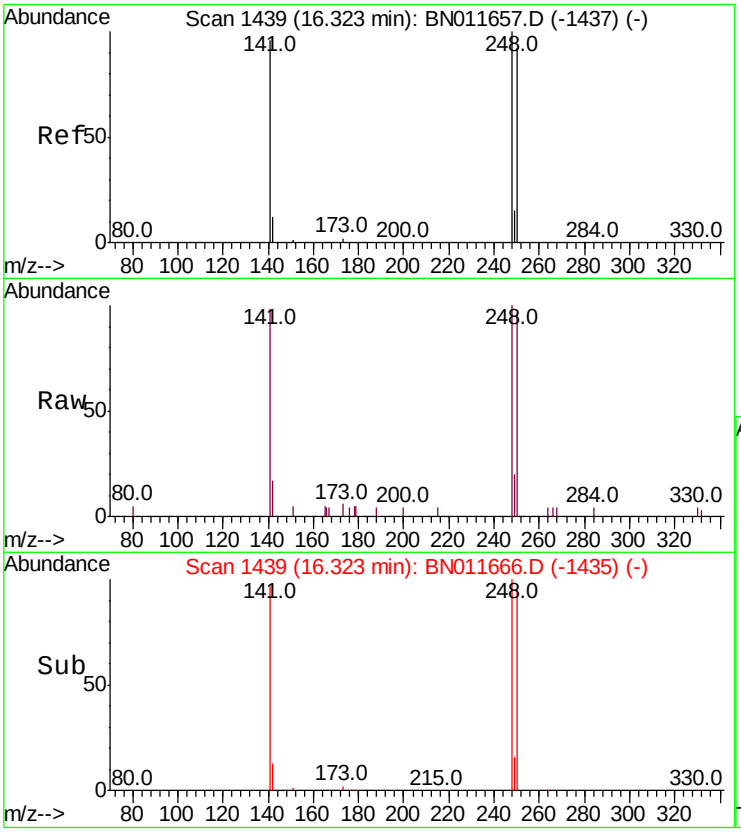


#20
4,6-Dinitro-2-methylphenol
Concen: 0.328 ng
RT: 15.51 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:198 Resp: 477

Ion	Ratio	Lower	Upper
198	100		
51	91.3	58.6	87.8#
105	46.0	31.7	47.5



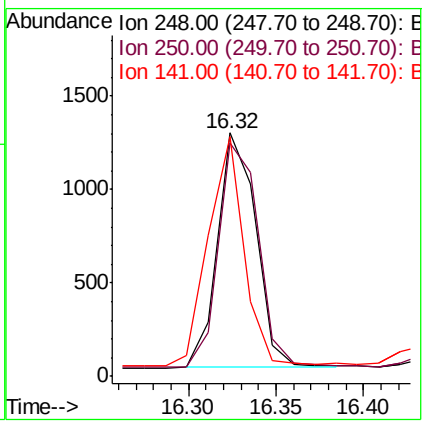


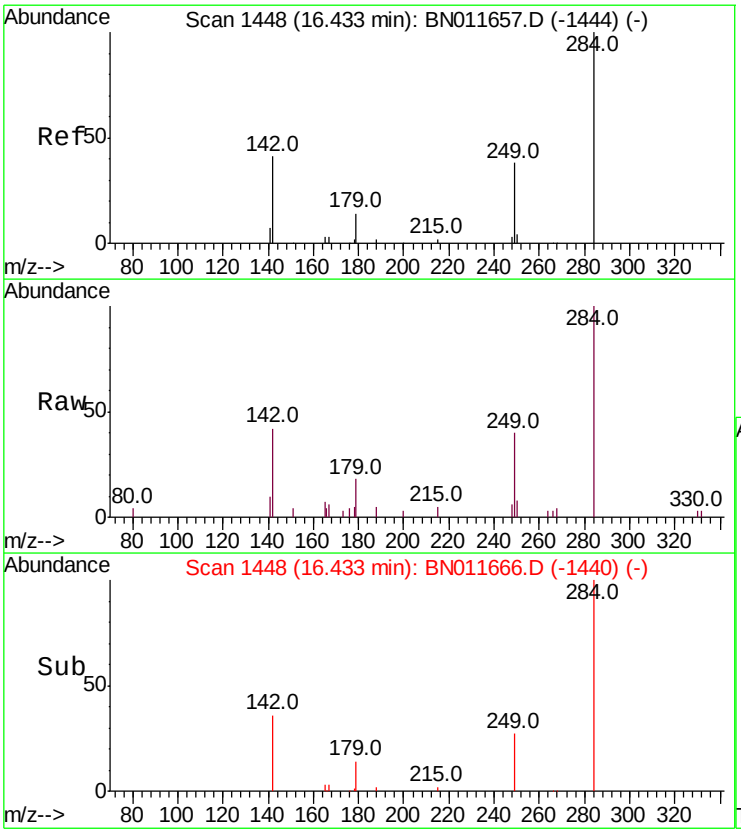
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.32 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:248 Resp: 1897

Ion	Ratio	Lower	Upper
248	100		
250	95.6	73.9	110.9
141	98.5	79.8	119.6

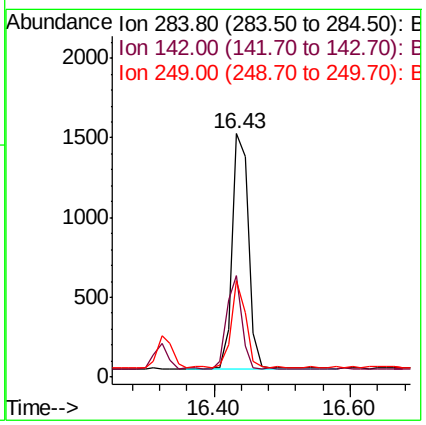


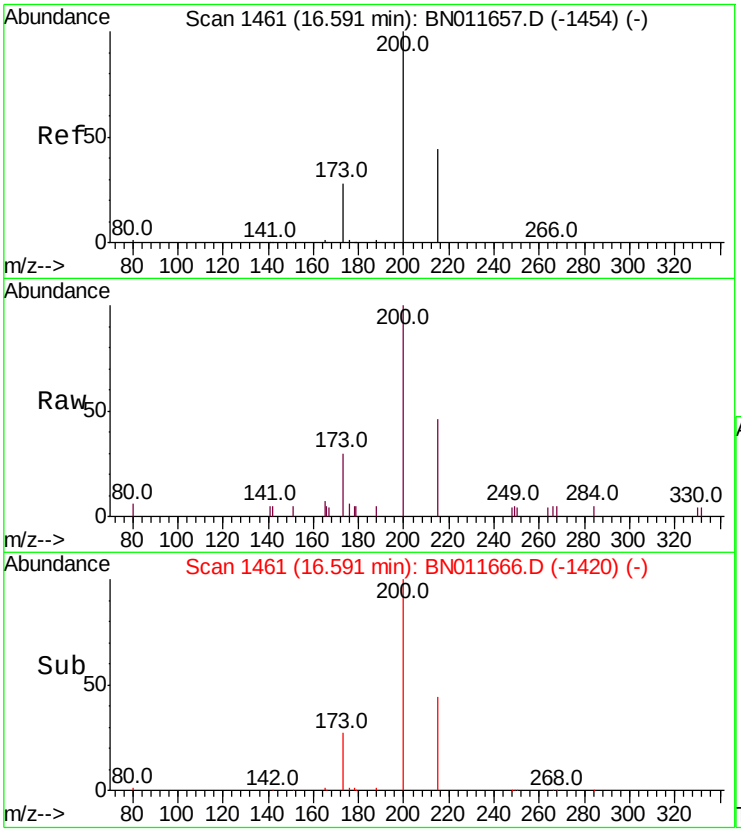


#22
Hexachlorobenzene
Concen: 0.360 ng
RT: 16.43 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:284 Resp: 2447

Ion	Ratio	Lower	Upper
284	100		
142	36.7	29.0	43.4
249	32.8	25.7	38.5



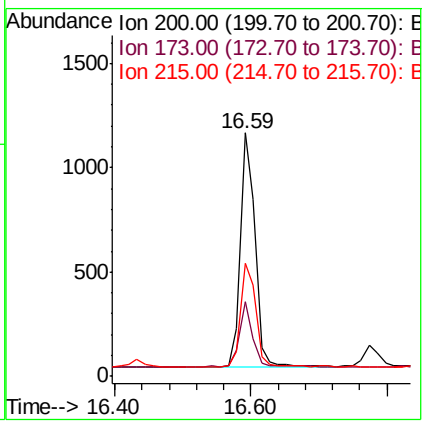


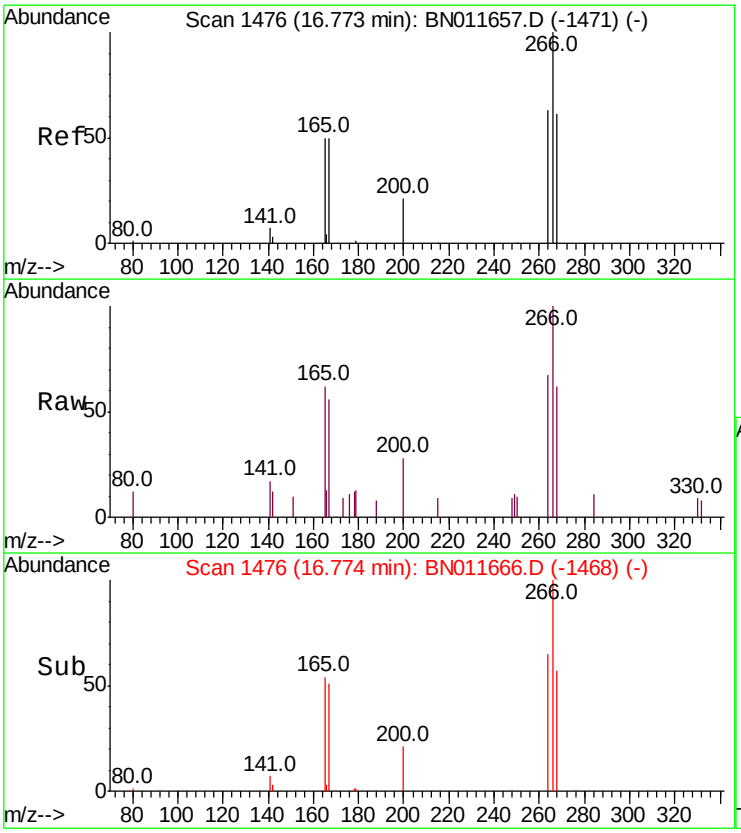
#23
Atrazine
Concen: 0.342 ng
RT: 16.59 min Scan# 1461
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:200 Resp: 1655

Ion	Ratio	Lower	Upper
200	100		
173	30.4	24.3	36.5
215	46.4	36.4	54.6

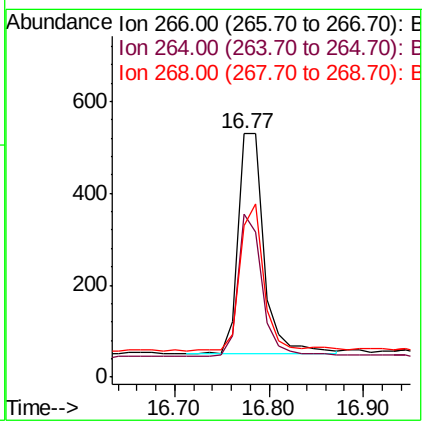


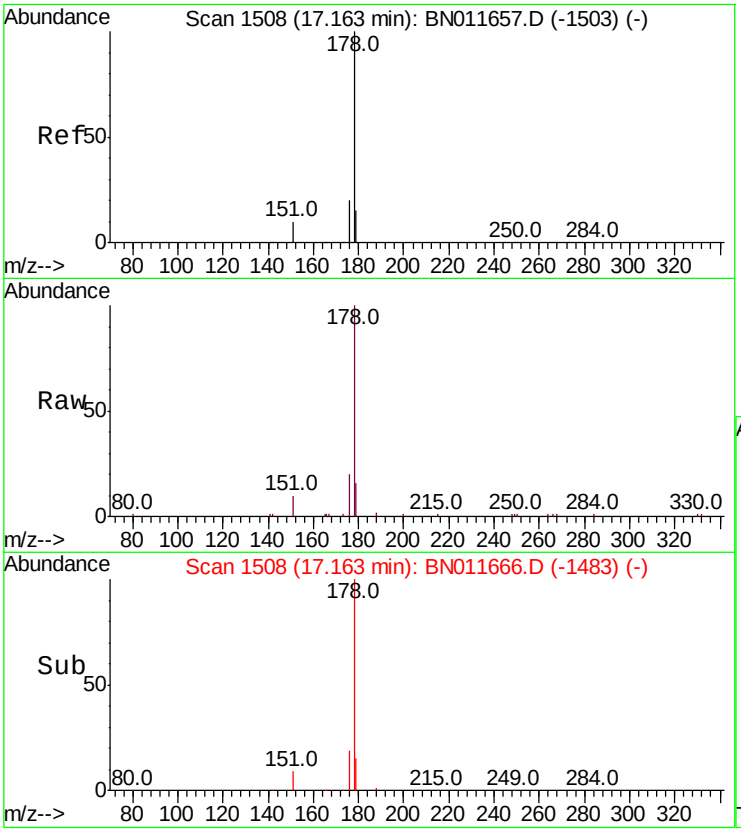


#24
Pentachlorophenol
Concen: 0.333 ng
RT: 16.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:266 Resp: 900

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.5	74.3
268	61.3	53.0	79.4



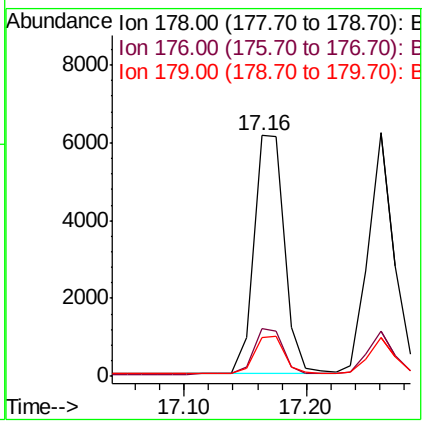


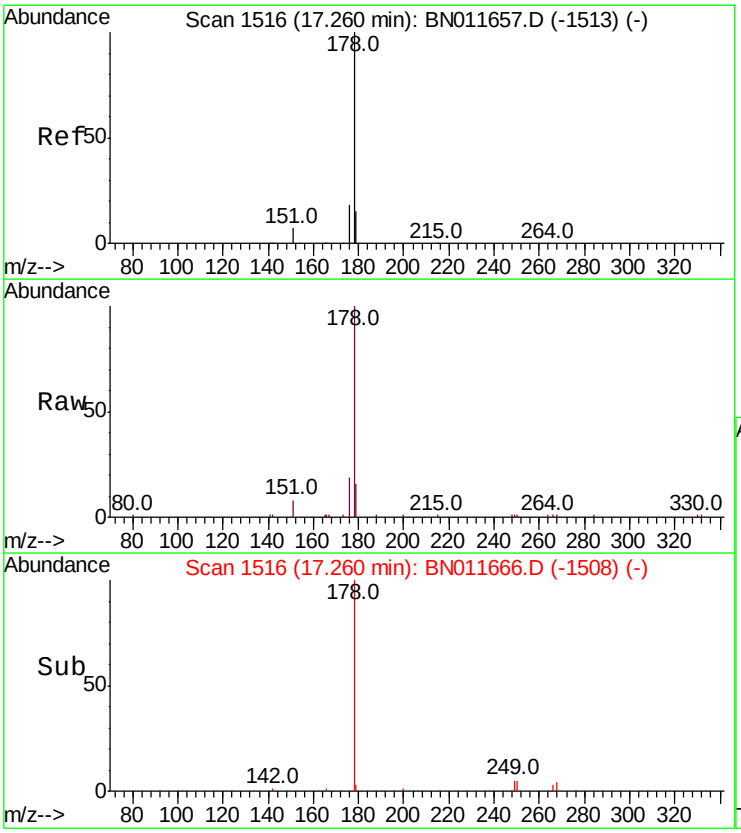
#25
Phenanthrene
Concen: 0.352 ng
RT: 17.16 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:178 Resp: 10693

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.3	12.4	18.6

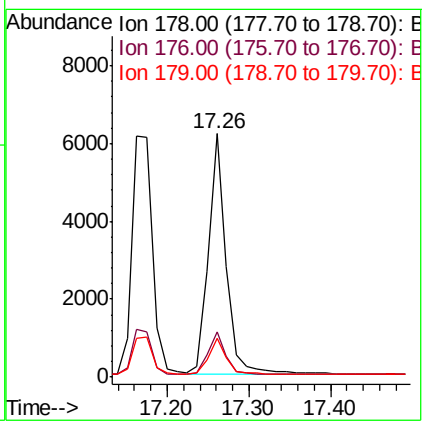


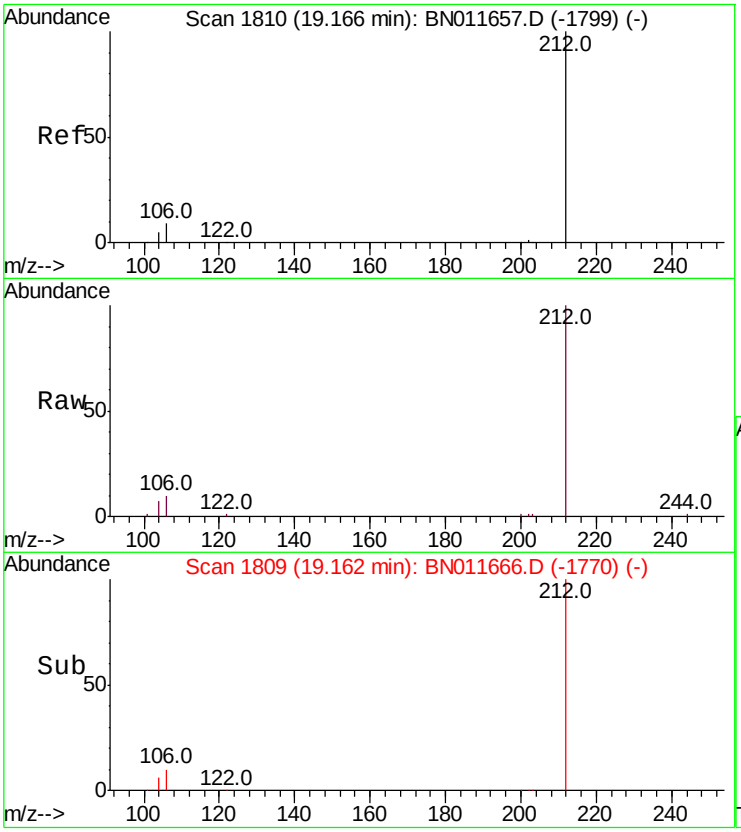


#26
Anthracene
Concen: 0.345 ng
RT: 17.26 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:178 Resp: 9324

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.5	21.7
179	15.0	12.2	18.4



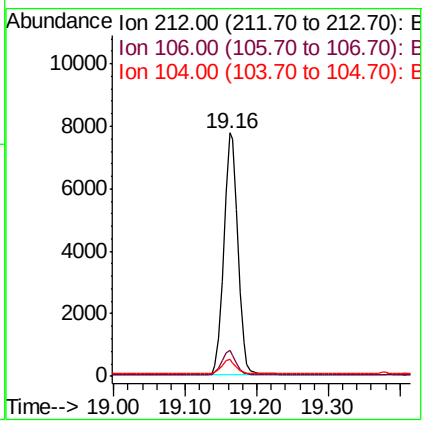


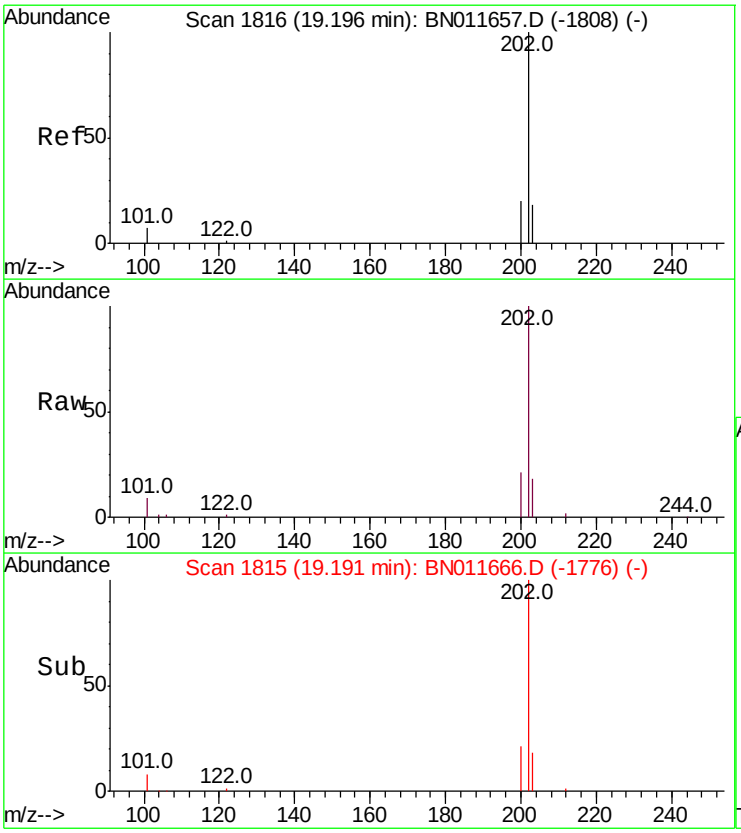
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.16 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:212 Resp: 10599

Ion	Ratio	Lower	Upper
212	100		
106	9.6	7.6	11.4
104	5.7	4.6	6.8

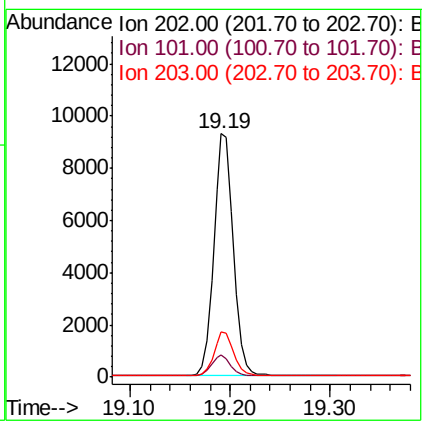


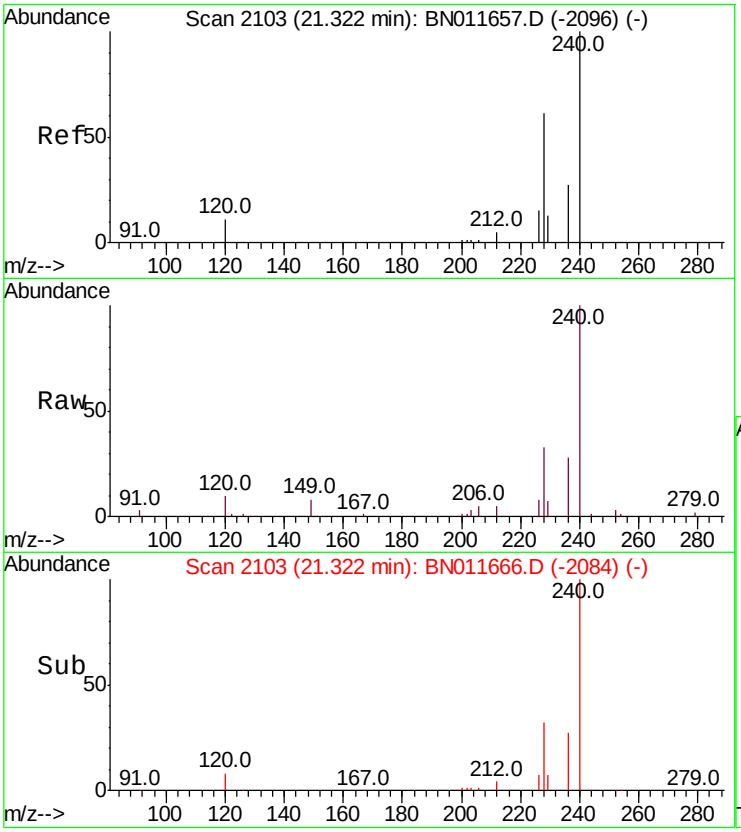


#28
Fluoranthene
Concen: 0.351 ng
RT: 19.19 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:202 Resp: 12638

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.5	9.7
203	17.3	13.8	20.6



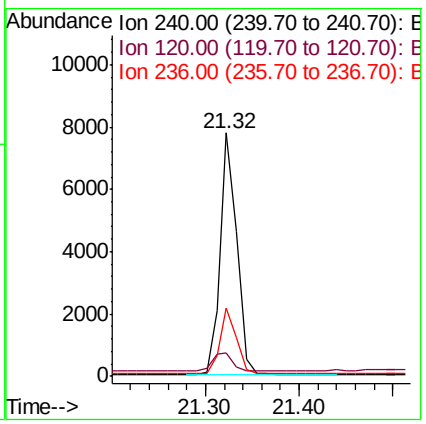


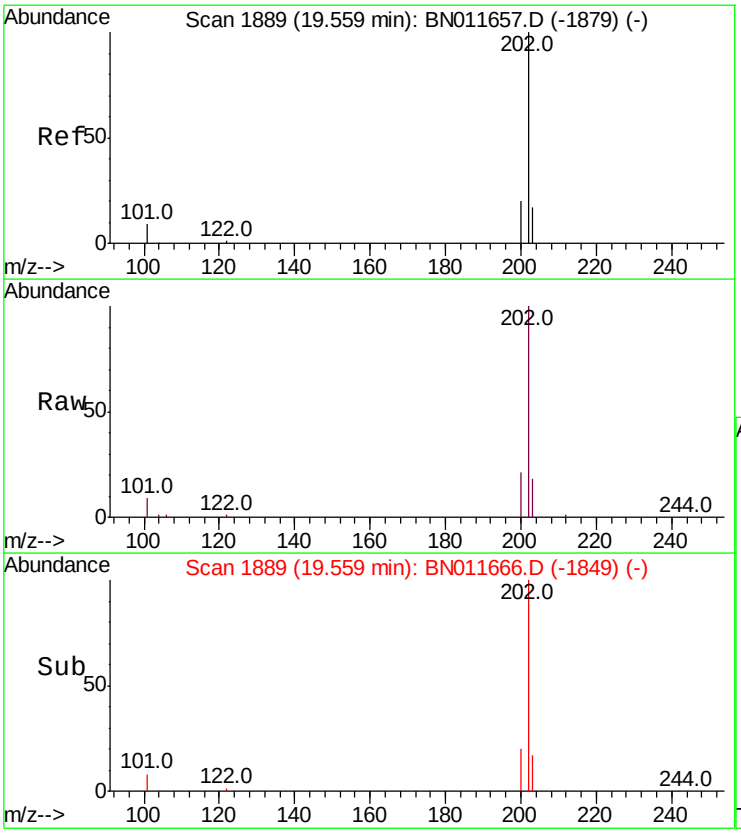
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:240 Resp: 9668

Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.9	14.9#
236	27.8	22.2	33.4

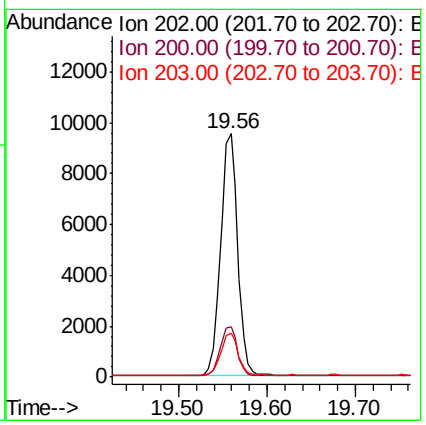


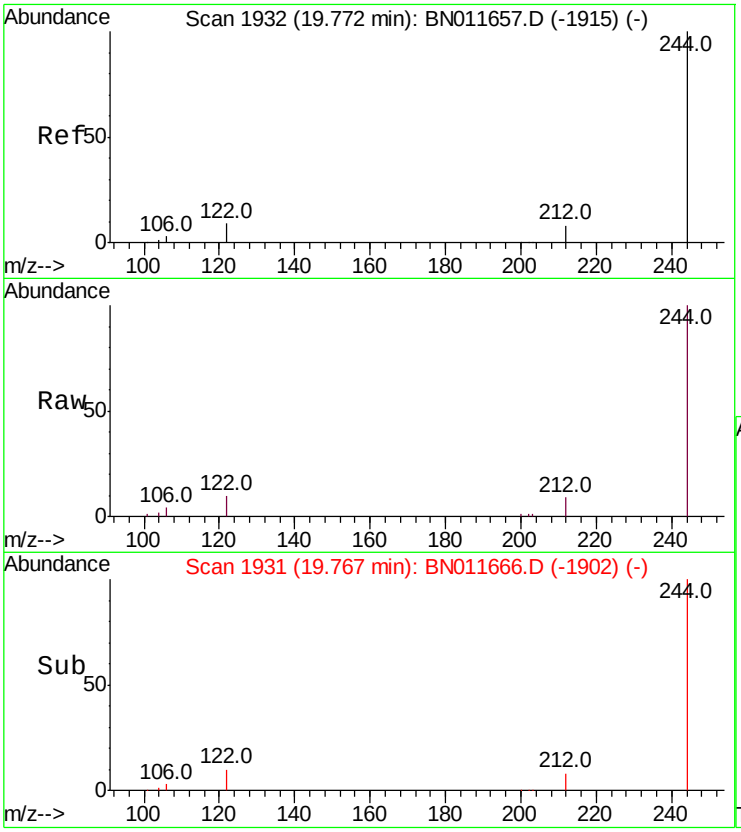


#30
Pyrene
Concen: 0.381 ng
RT: 19.56 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:202 Resp: 12819

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	17.6	14.1	21.1



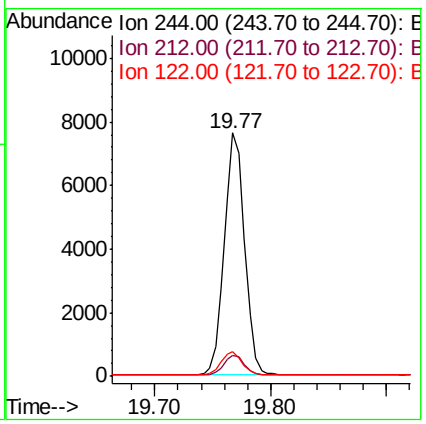


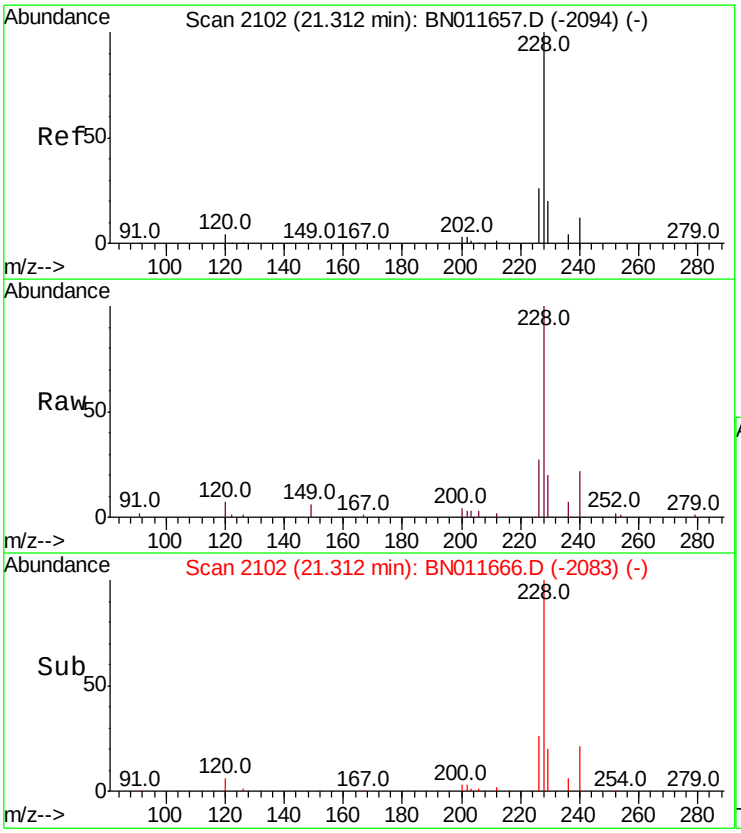
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.77 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:244 Resp: 9247

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.5	9.7
122	10.4	7.4	11.2

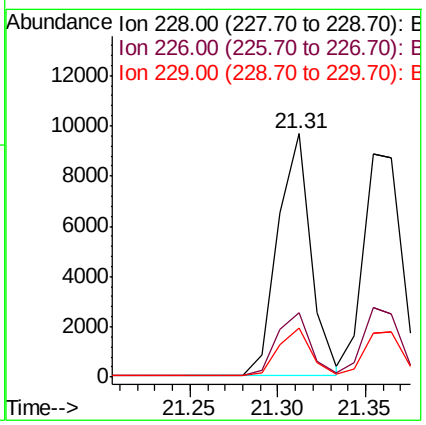


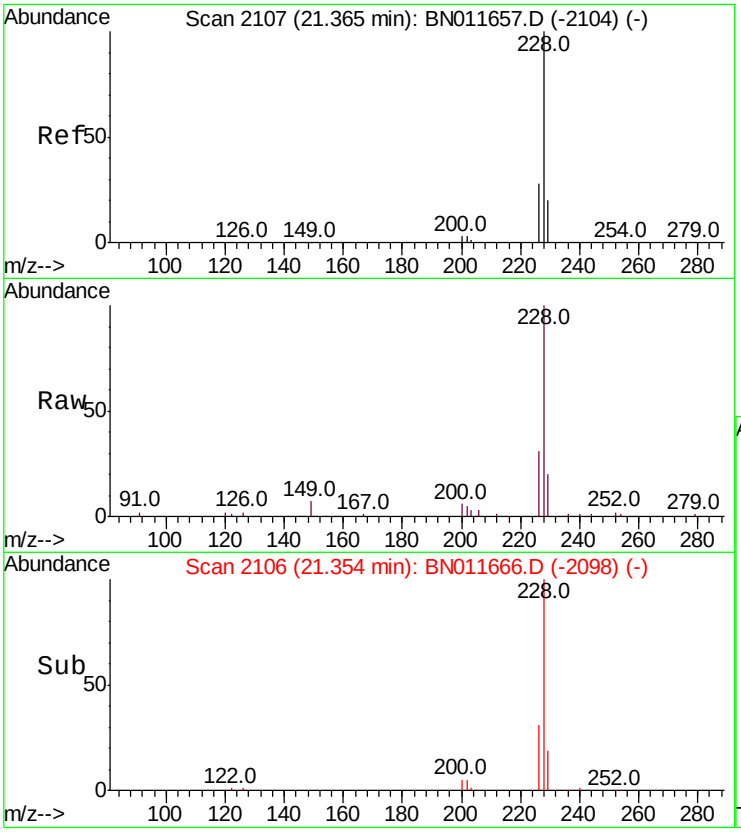


#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.31 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:228 Resp: 12646

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.2	31.8
229	20.1	16.0	24.0



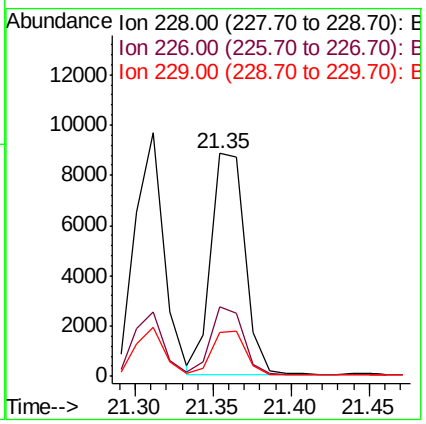


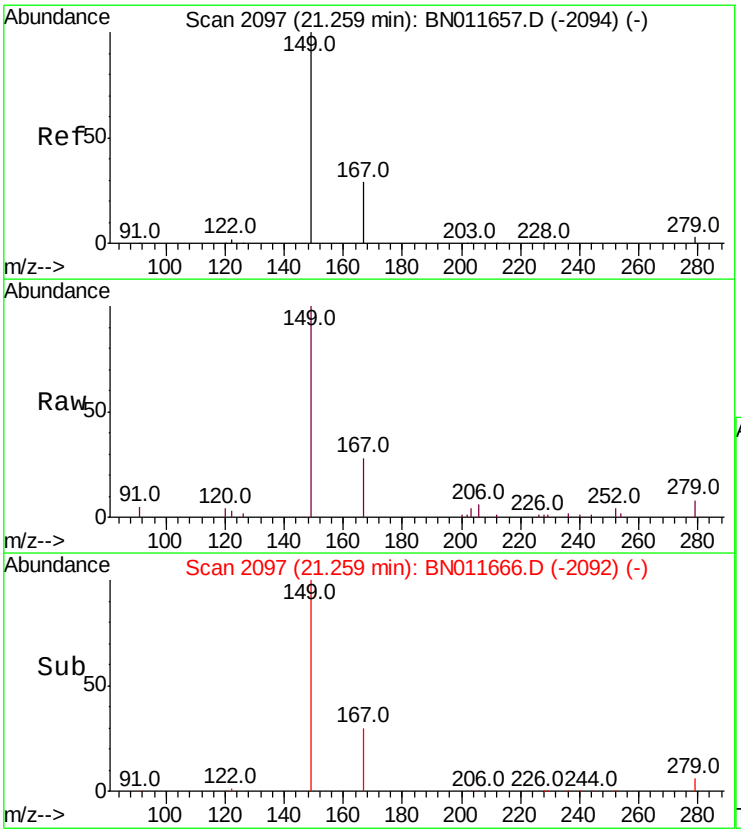
#33
Chrysene
Concen: 0.372 ng
RT: 21.35 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:228 Resp: 13251

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.7	34.1
229	19.7	15.9	23.9

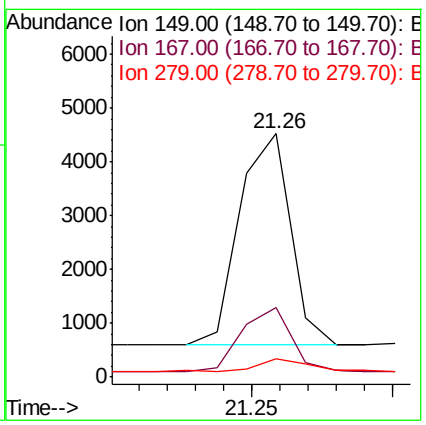


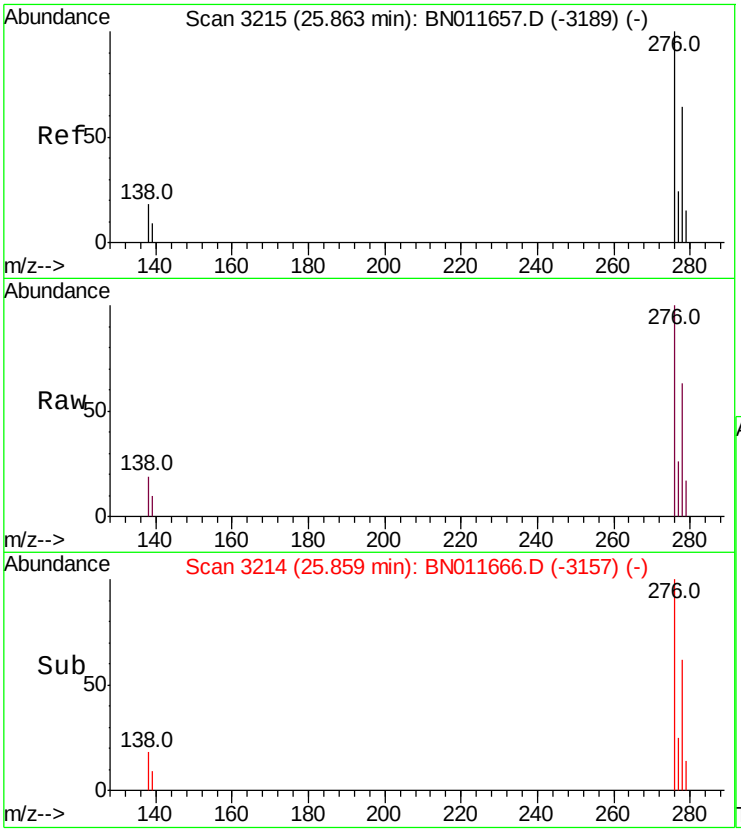


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.26 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:149 Resp: 5006

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.2	34.8
279	5.5	4.0	6.0



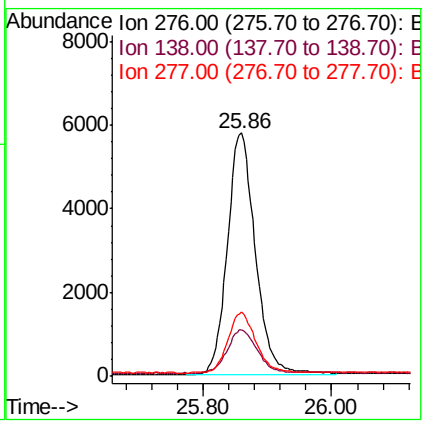


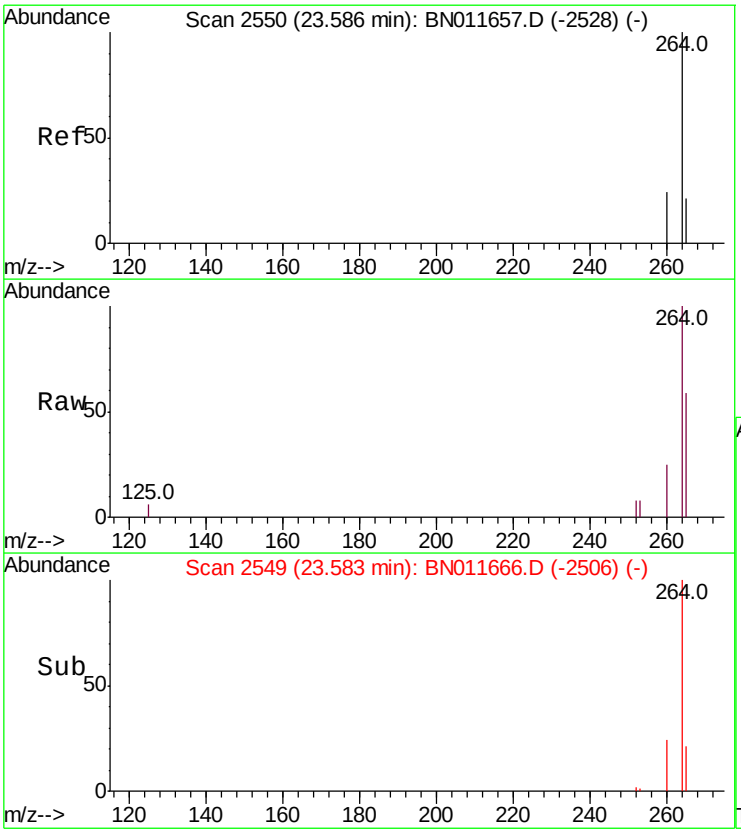
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 25.86 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:276 Resp: 17436

Ion	Ratio	Lower	Upper
276	100		
138	19.0	15.4	23.2
277	25.3	20.1	30.1

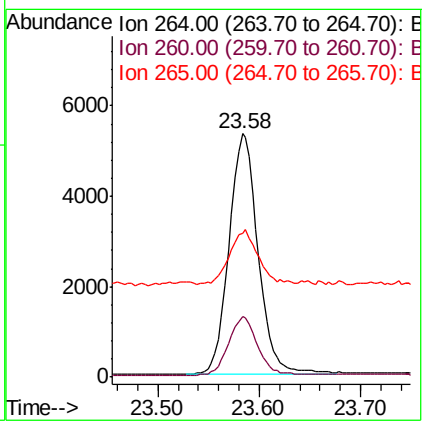


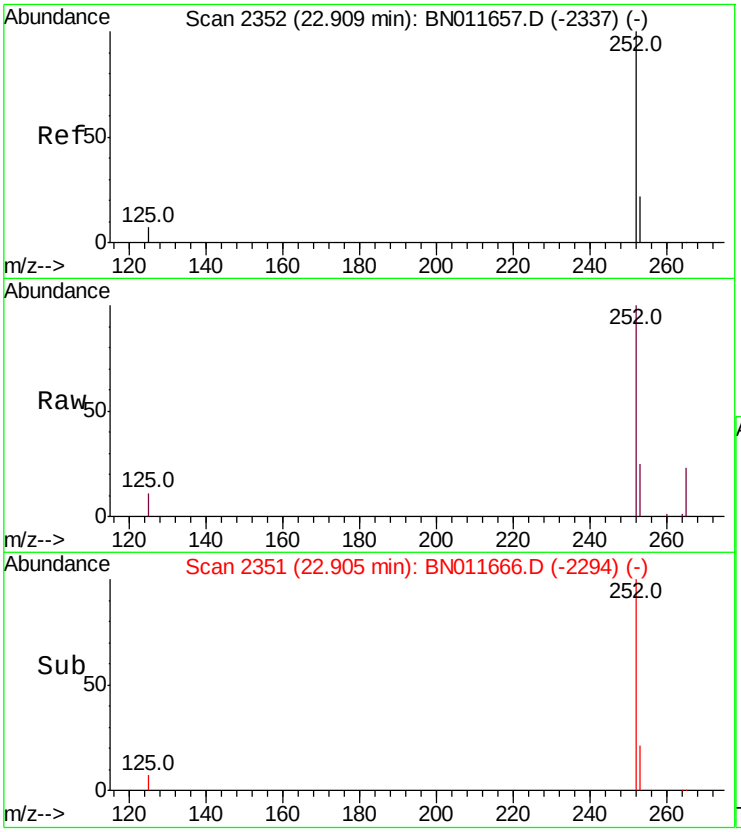


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.58 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:264 Resp: 10534

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.6
265	59.0	38.9	58.3#



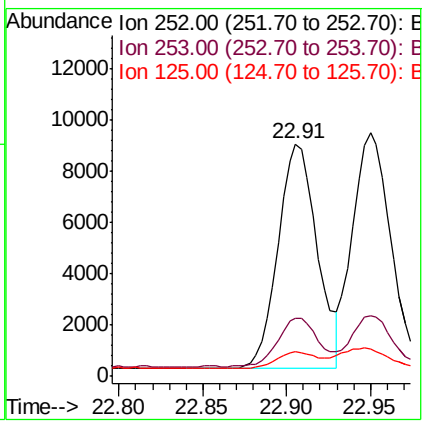


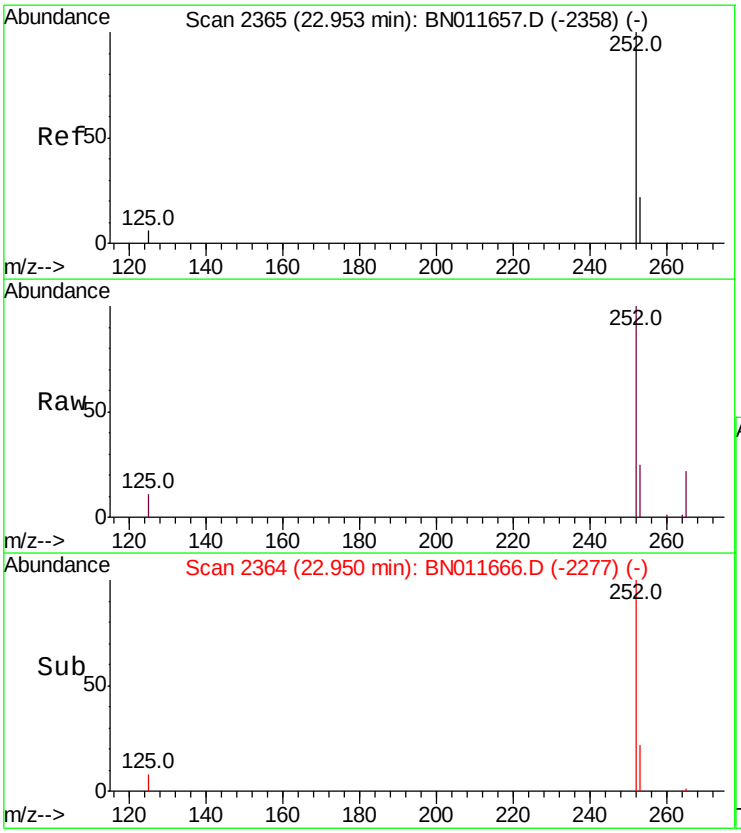
#37
Benzo(b)fluoranthene
Concen: 0.353 ng
RT: 22.91 min Scan# 2351
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:252 Resp: 14247

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.7	29.5
125	10.7	7.8	11.8

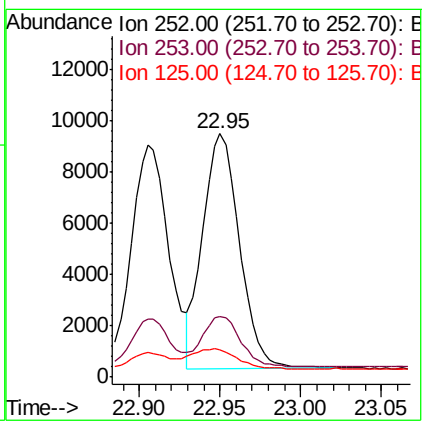


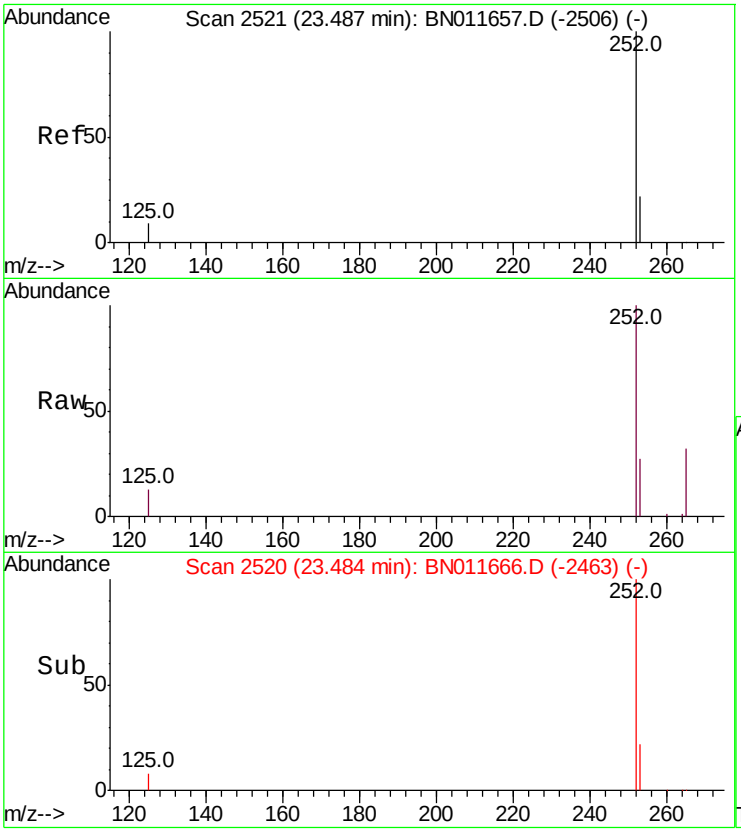


#38
Benzo(k)fluoranthene
Concen: 0.354 ng
RT: 22.95 min Scan# 2364
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:252 Resp: 14610

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.4	29.0
125	11.2	8.4	12.6



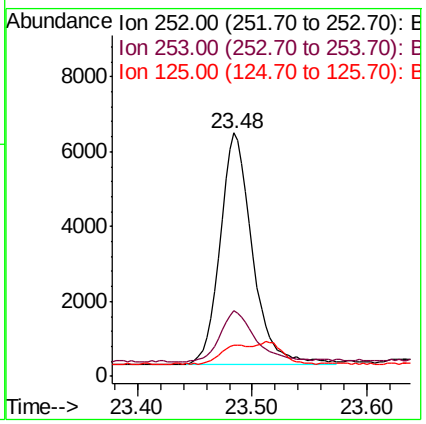


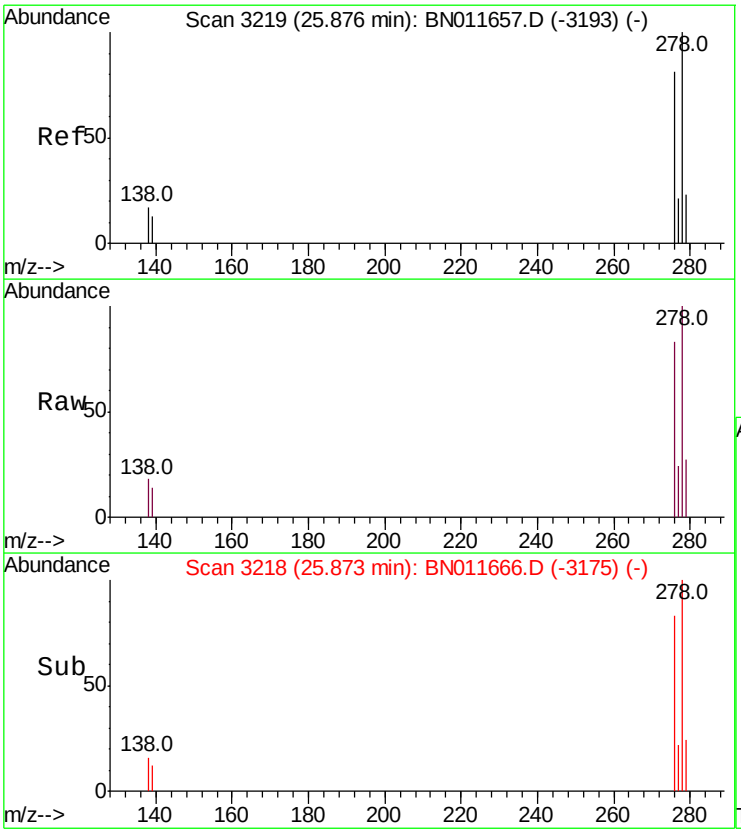
#39
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.48 min Scan# 2520
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:252 Resp: 12219

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.3	30.5
125	12.9	9.8	14.6

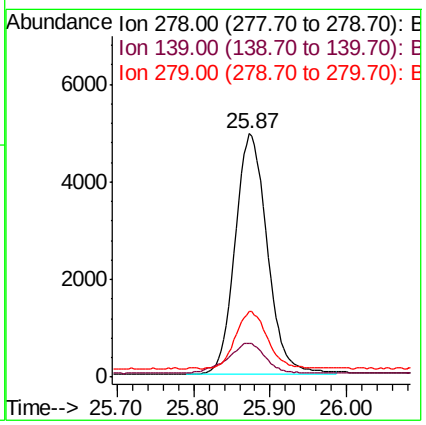


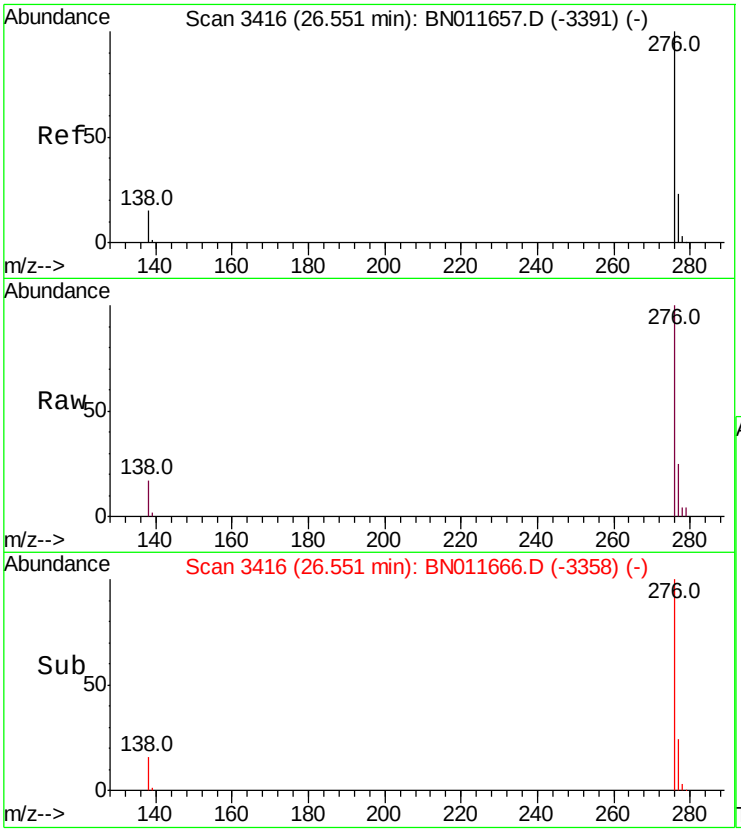


#40
Dibenzo(a,h)anthracene
Concen: 0.351 ng
RT: 25.87 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Tgt Ion:278 Resp: 14310

Ion	Ratio	Lower	Upper
278	100		
139	13.8	11.0	16.6
279	27.1	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 26.55 min Scan# 3416
Delta R.T. 0.00 min
Lab File: BN011666.D
Acq: 27 Aug 2020 16:18

Instrument :
BNA_N
ClientSampleId :
PB131252BS

Tgt Ion:276 Resp: 13742

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.7	29.5
138	17.4	13.4	20.2