Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
Data File : BN011765.D
Acq On : 09 Sep 2020 13:31
Operator : CG/JU
Sample : PB131470BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131470BSD

Quant Time: Sep 09 14:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 10:54:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2182	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	7959	0.40	ng		0.00
13) Acenaphthene-d10	14.37	164	4702	0.40	ng		0.00
19) Phenanthrene-d10	17.11	188	10298	0.40	ng		0.00
29) Chrysene-d12	21.31	240	9952	0.40	ng		0.00
36) Perylene-d12	23.56	264	9255	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.33	112	2107	0.34	ng		0.00
5) Phenol-d6	6.89	99	2790	0.33	ng		0.00
8) Nitrobenzene-d5	8.87	82	2991	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.11	152	5126	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	780	0.34	ng		-0.01
15) 2-Fluorobiphenyl	12.99	172	7430	0.37	ng		0.00
27) Fluoranthene-d10	19.15	212	10913	0.33	ng		0.00
31) Terphenyl-d14	19.75	244	9355	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1202	0.343	ng		97
3) n-Nitrosodimethylamine	3.59	42	1553	0.383	ng	#	94
6) bis(2-Chloroethyl)ether	7.16	93	2511	0.368	ng		99
9) Naphthalene	10.57	128	8360	0.367	ng		100
10) Hexachlorobutadiene	10.86	225	1938	0.387	ng	#	96
12) 2-Methylnaphthalene	12.18	142	5886	0.363	ng		97
16) Acenaphthylene	14.09	152	8177	0.357	ng		100
17) Acenaphthene	14.43	154	5839	0.369	ng		99
18) Fluorene	15.42	166	7439	0.367	ng		100
20) 4,6-Dinitro-2-methylphenol	15.50	198	590	0.371	ng		90
21) 4-Bromophenyl-phenylether	16.31	248	2225	0.369	ng	#	81
22) Hexachlorobenzene	16.42	284	2846	0.382	ng		100
23) Atrazine	16.58	200	1294	0.244	ng		97
24) Pentachlorophenol	16.76	266	884	0.299	ng		98
25) Phenanthrene	17.15	178	12042	0.362	ng		100
26) Anthracene	17.25	178	10363	0.351	ng		100
28) Fluoranthene	19.18	202	13273	0.336	ng		100
30) Pyrene	19.54	202	13215	0.382	ng		100
32) Benzo(a)anthracene	21.29	228	12067	0.340	ng		98
33) Chrysene	21.34	228	13088	0.357	ng		98
34) Bis(2-ethylhexyl)phthalate	21.24	149	4829	0.334	ng		99
35) Indeno(1,2,3-cd)pyrene	25.82	276	15199	0.318	ng		99
37) Benzo(b)fluoranthene	22.88	252	13431	0.378	ng		97
38) Benzo(k)fluoranthene	22.93	252	13400	0.369	ng		96
39) Benzo(a)pyrene	23.46	252	11257	0.355	ng		95
40) Dibenzo(a,h)anthracene	25.83	278	12426	0.347	ng		97
41) Benzo(g,h,i)perylene	26.51	276	12962	0.370	ng		99

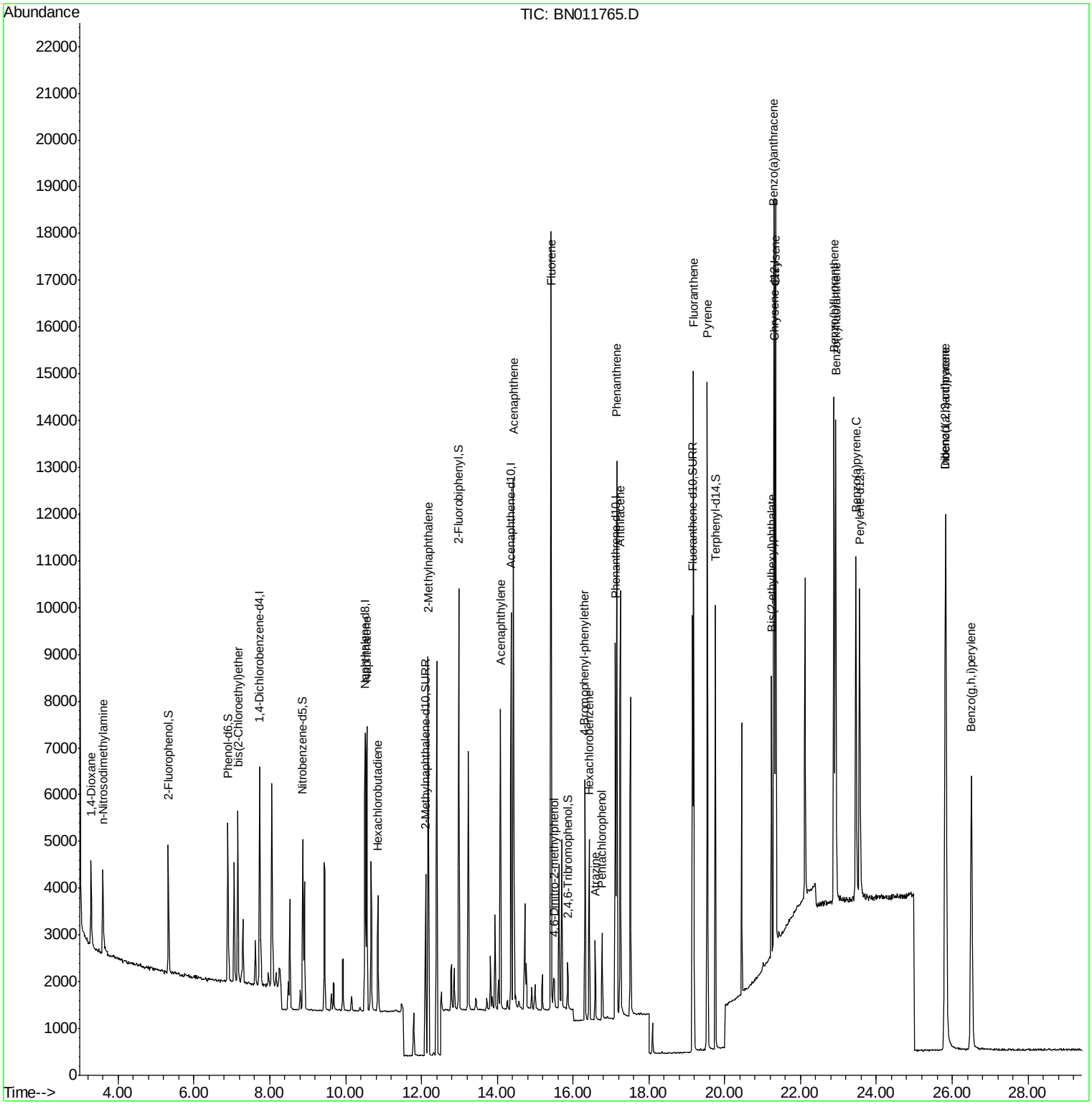
(#) = qualifier out of range (m) = manual integration (+) = signals summed

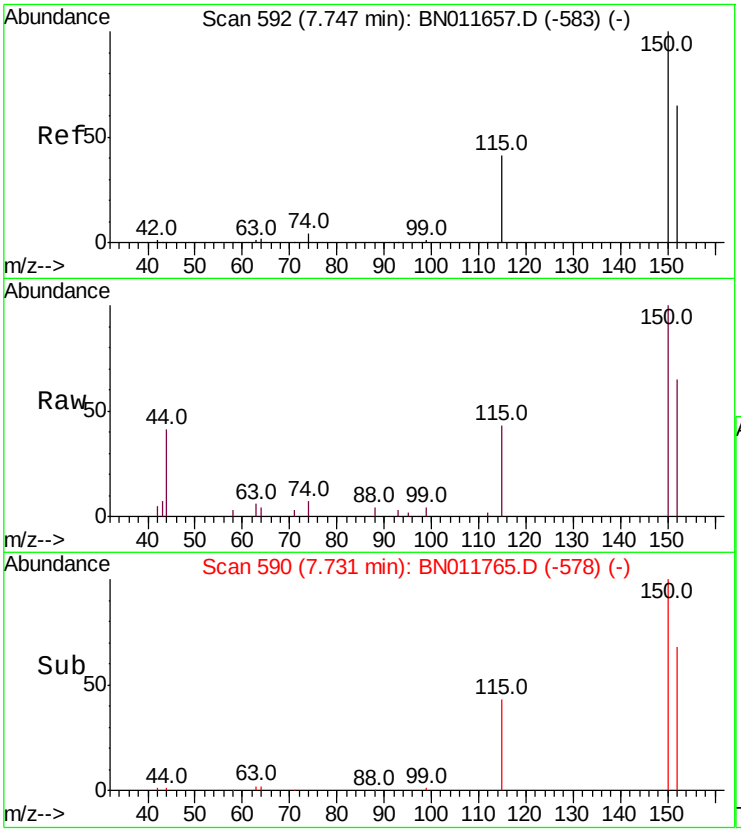
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN090920\
Data File : BN011765.D
Acq On : 09 Sep 2020 13:31
Operator : CG/JU
Sample : PB131470BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Quant Time: Sep 09 14:00:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 10:54:46 2020
Response via : Initial Calibration



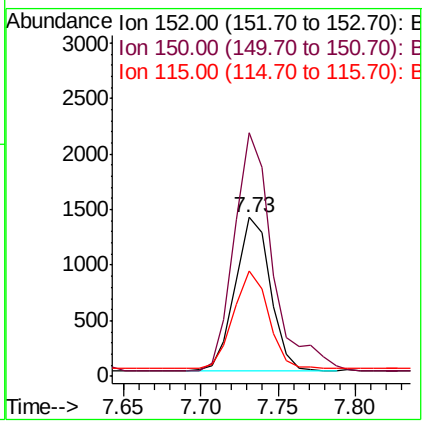


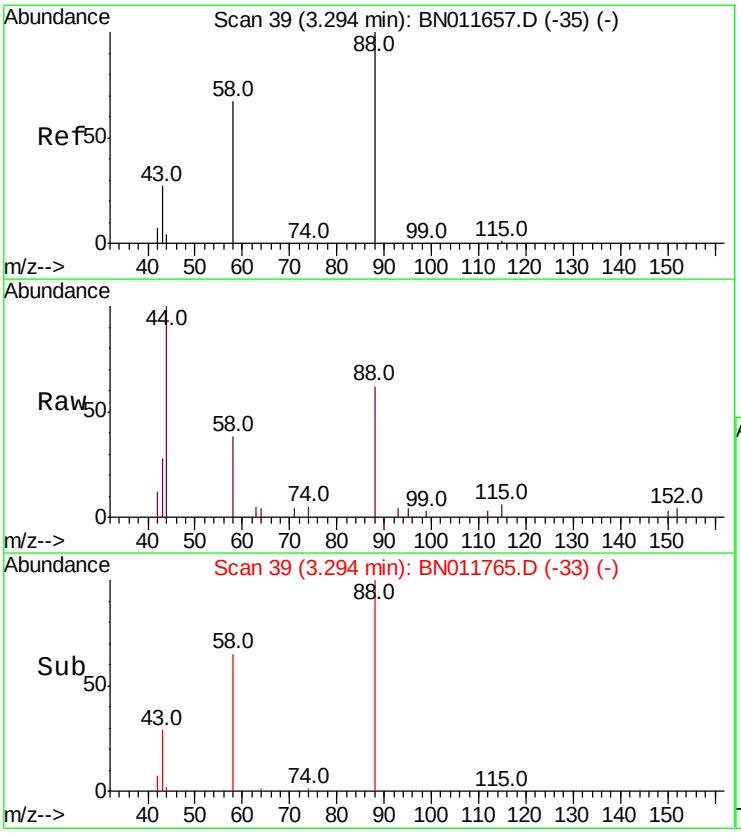
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:152 Resp: 2182

Ion	Ratio	Lower	Upper
152	100		
150	153.1	121.0	181.6
115	66.5	52.6	78.8

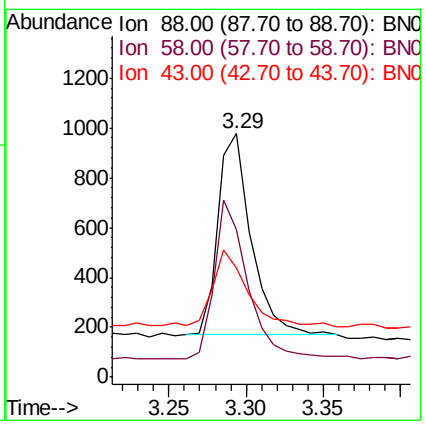


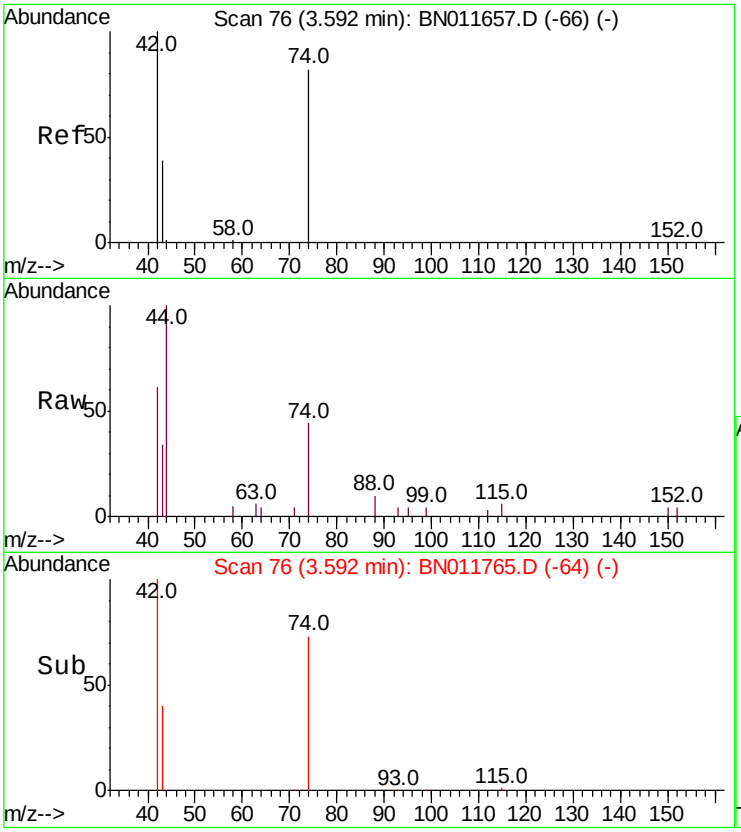


#2
1,4-Dioxane
Concen: 0.343 ng
RT: 3.29 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion: 88 Resp: 1202

Ion	Ratio	Lower	Upper
88	100		
58	79.2	61.4	92.0
43	39.0	29.8	44.8



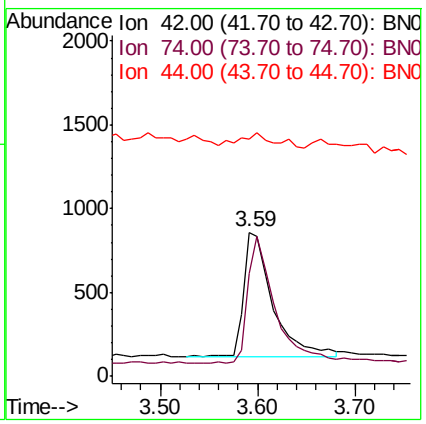


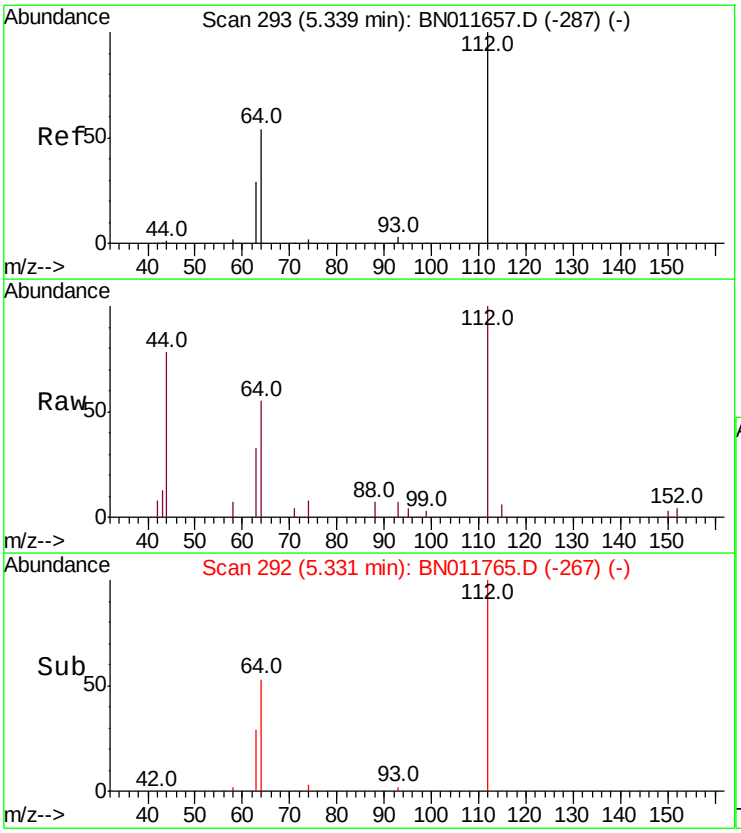
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.59 min Scan# 76
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion: 42 Resp: 1553

Ion	Ratio	Lower	Upper
42	100		
74	93.0	79.0	118.6
44	14.8	8.1	12.1#

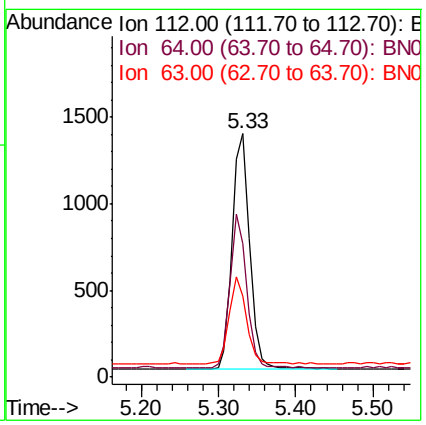


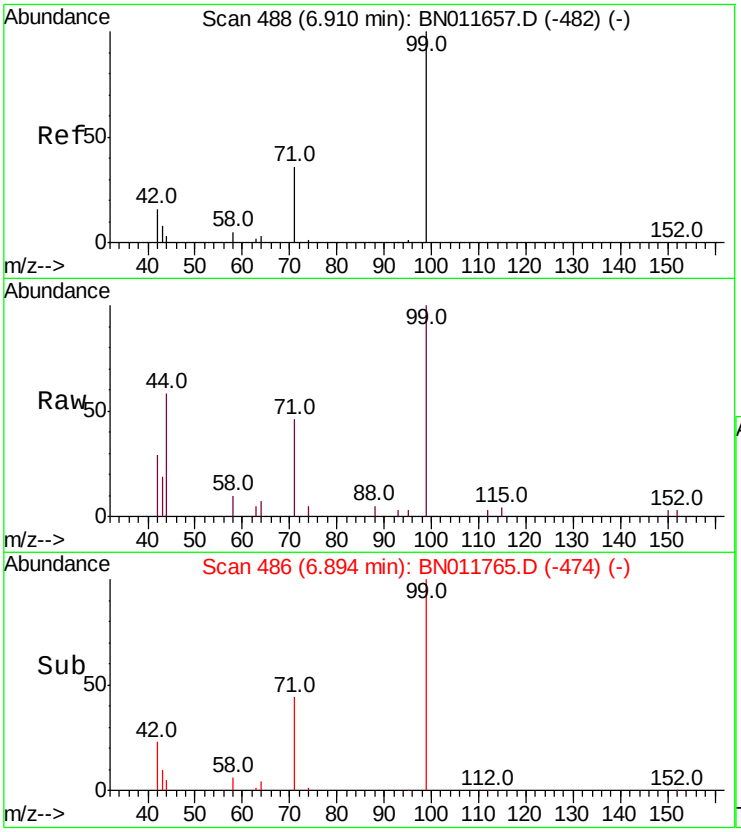


#4
2-Fluorophenol
Concen: 0.342 ng
RT: 5.33 min Scan# 292
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:112 Resp: 2107

Ion	Ratio	Lower	Upper
112	100		
64	62.6	49.7	74.5
63	36.0	29.4	44.0



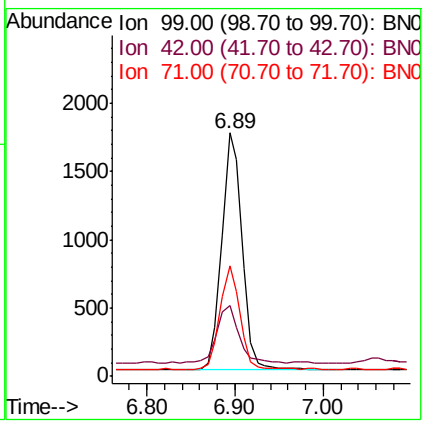


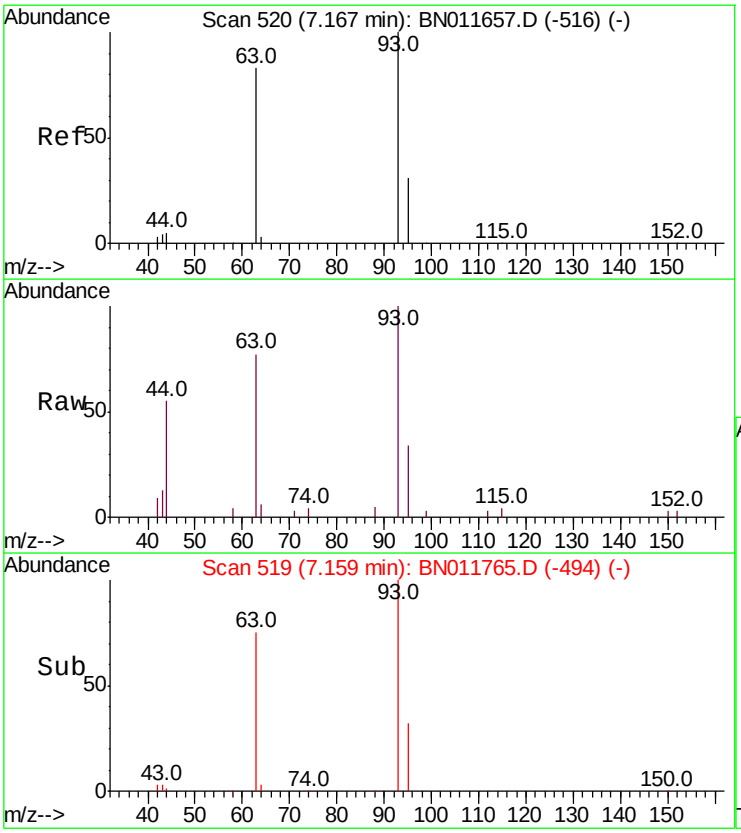
#5
Phenol-d6
Concen: 0.333 ng
RT: 6.89 min Scan# 486
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion: 99 Resp: 2790

Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.2	30.2
71	42.5	33.3	49.9

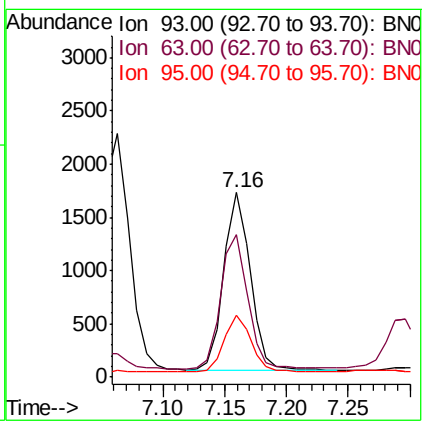


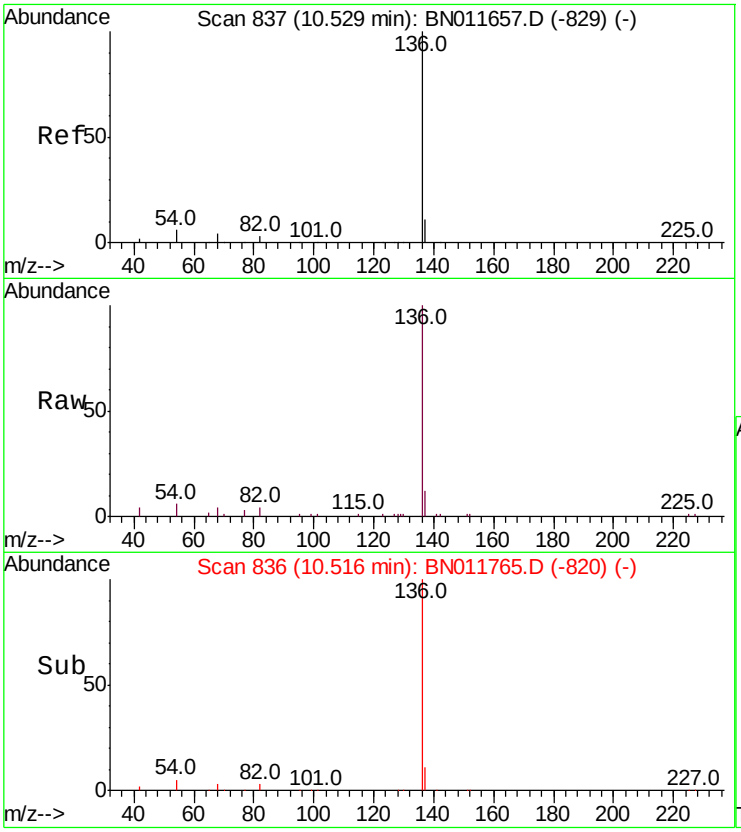


#6
bis(2-Chloroethyl)ether
Concen: 0.368 ng
RT: 7.16 min Scan# 519
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion: 93 Resp: 2511

Ion	Ratio	Lower	Upper
93	100		
63	77.4	62.2	93.4
95	32.0	26.6	39.8



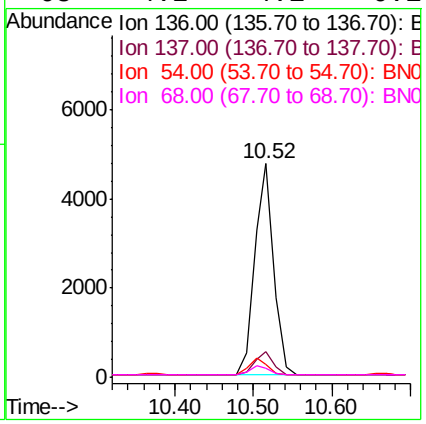


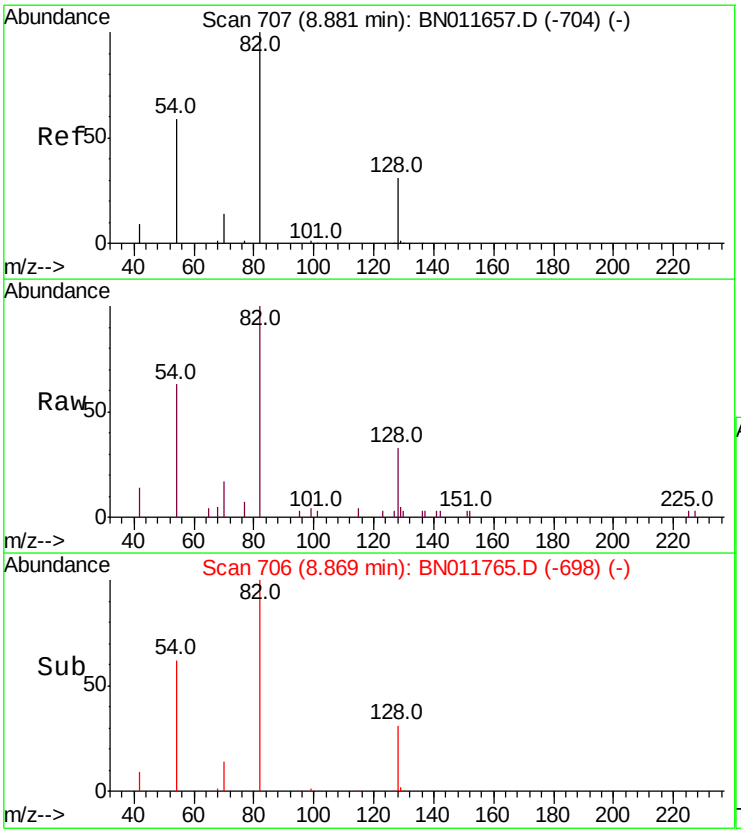
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.52 min Scan# 836
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:136 Resp: 7959

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.3	13.9
54	6.2	5.8	8.8
68	4.2	4.1	6.1

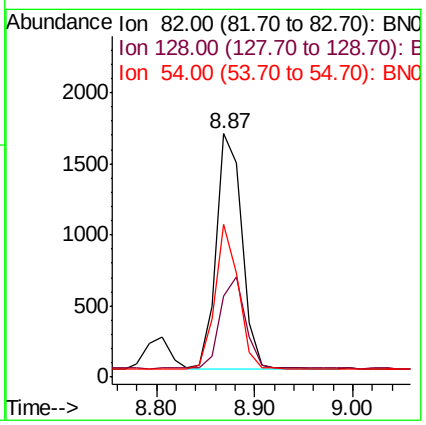


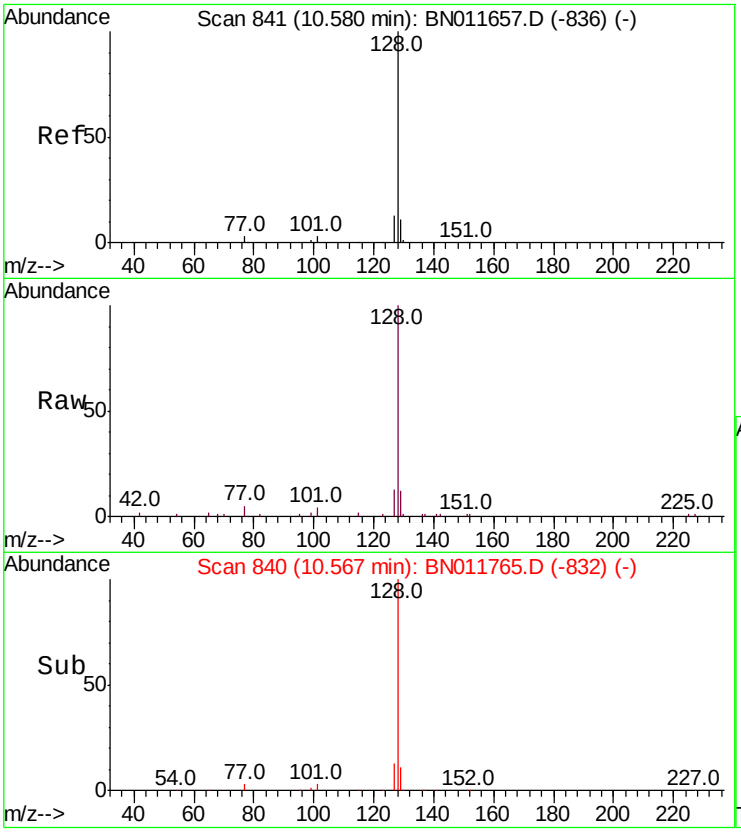


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 8.87 min Scan# 706
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion: 82 Resp: 2991

Ion	Ratio	Lower	Upper
82	100		
128	33.2	26.2	39.2
54	62.7	48.2	72.4

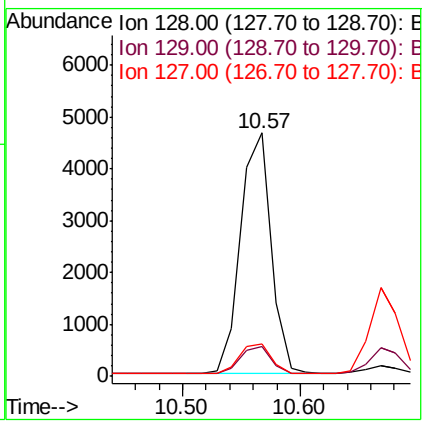




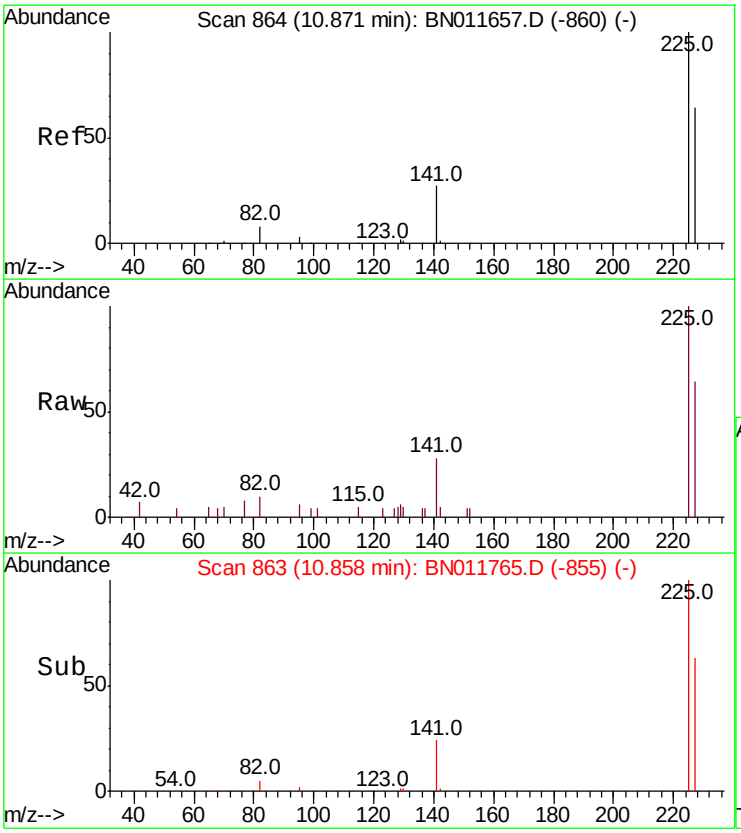
#9
Naphthalene
Concen: 0.367 ng
RT: 10.57 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:128 Resp: 8360

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.5	10.8	16.2



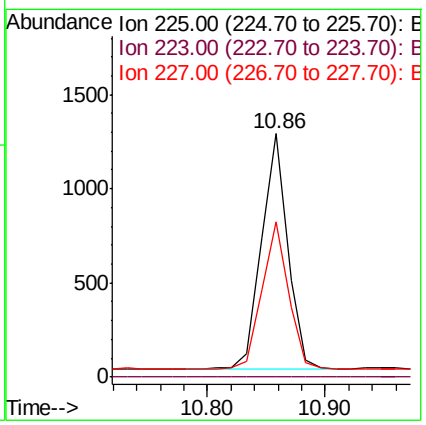
Instrument :
BNA_N
ClientSampleId :
PB131470BSD

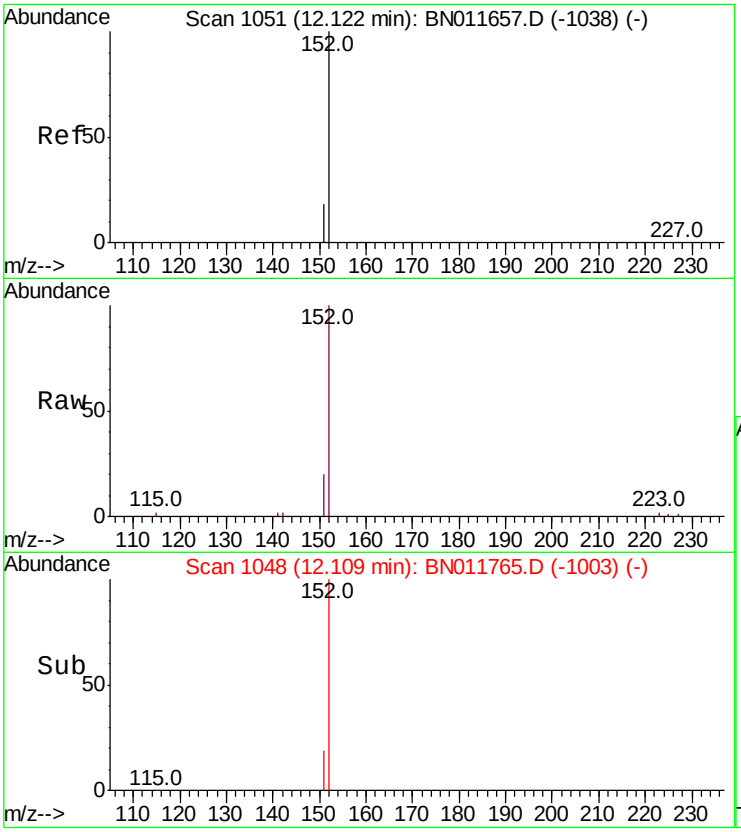


#10
Hexachlorobutadiene
Concen: 0.387 ng
RT: 10.86 min Scan# 863
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:225 Resp: 1938

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	52.6	78.8



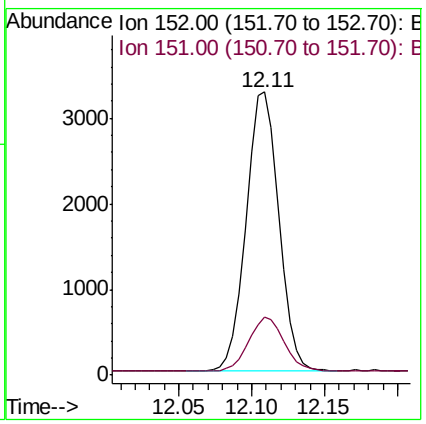


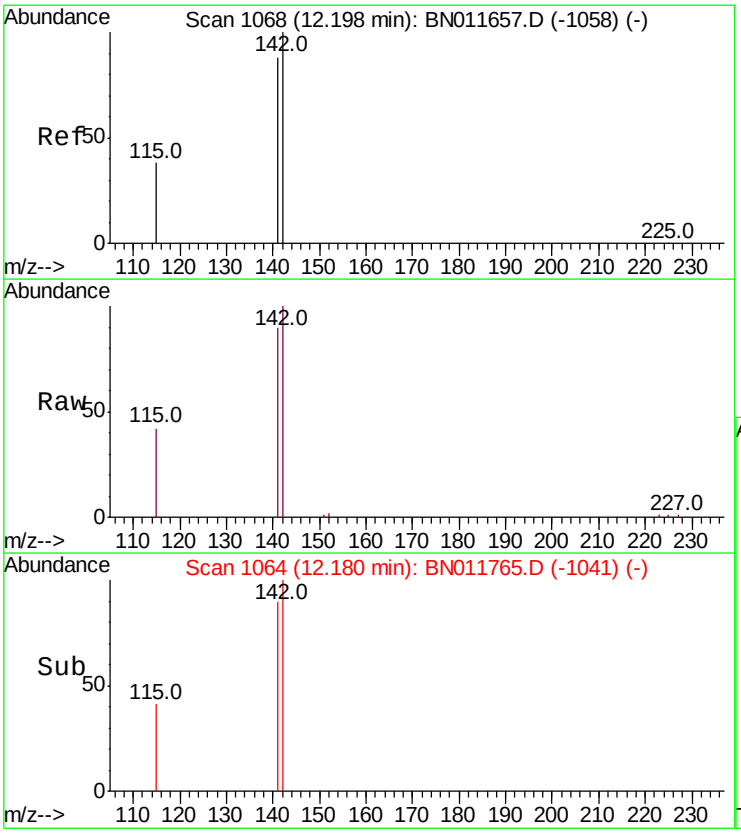
#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.11 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:152 Resp: 5126

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.7	25.1

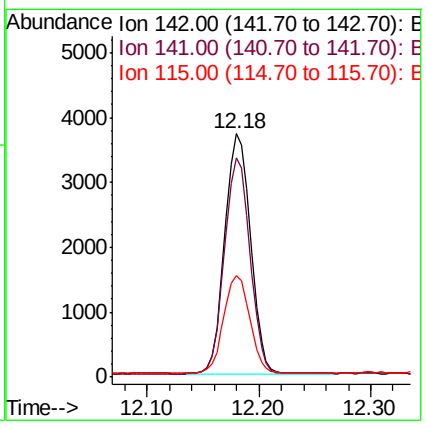


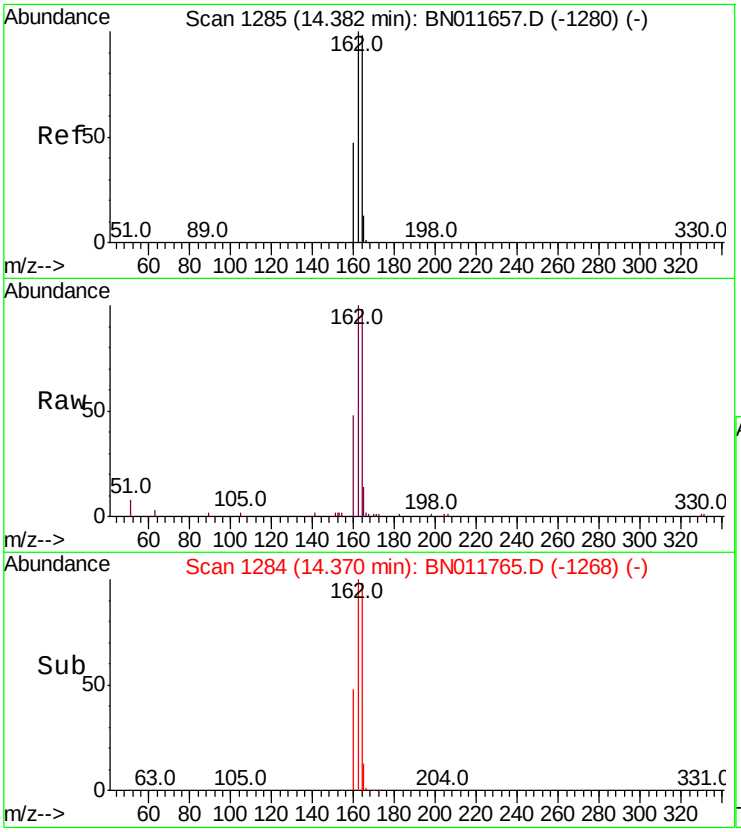


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.18 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:142 Resp: 5886

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	106.0
115	41.7	31.3	46.9



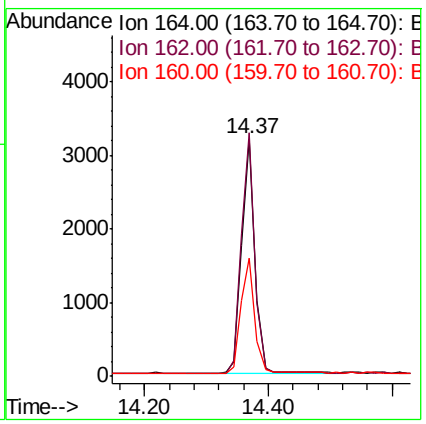


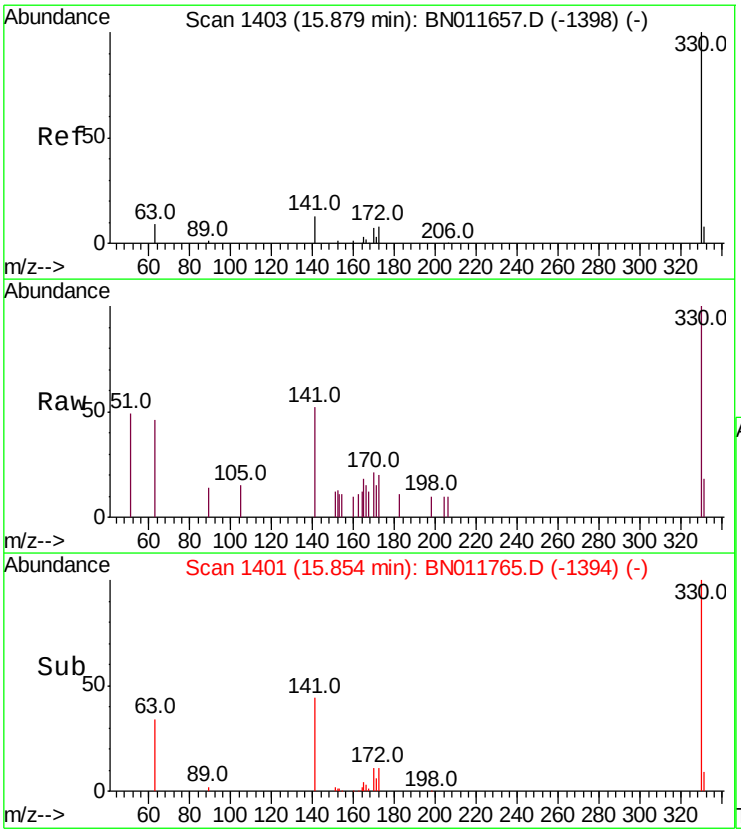
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:164 Resp: 4702

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.4	122.0
160	49.7	38.5	57.7

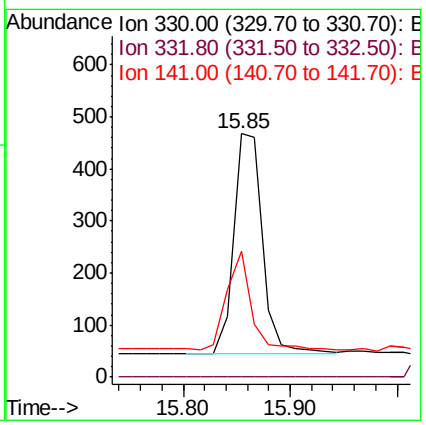


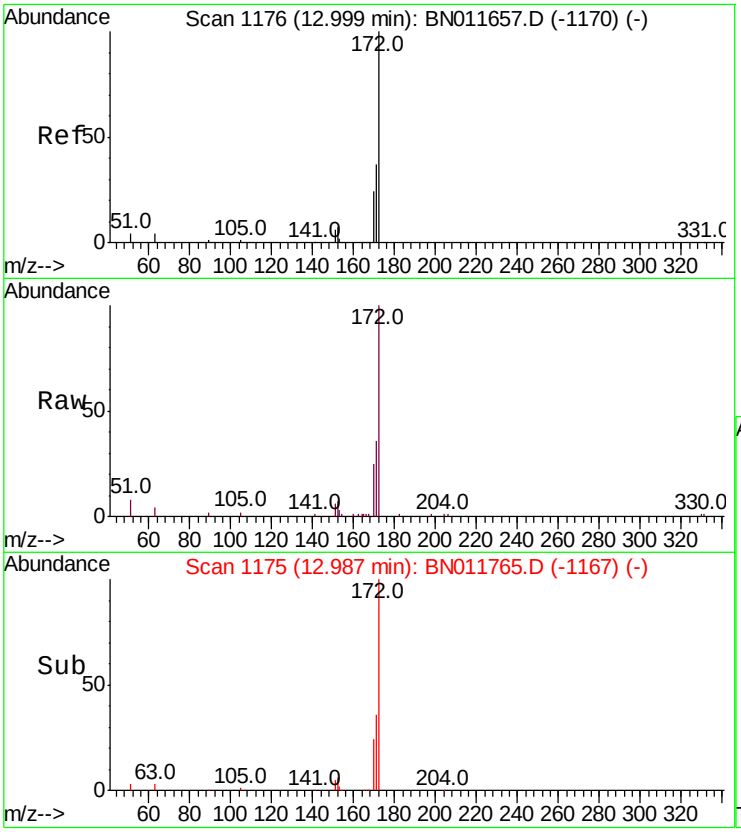


#14
2,4,6-Tribromophenol
Concen: 0.342 ng
RT: 15.85 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:330 Resp: 780

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.8	29.8	44.8



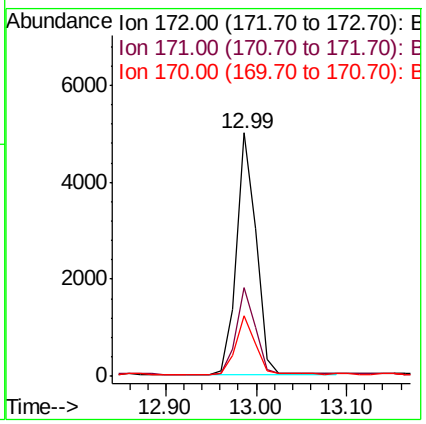


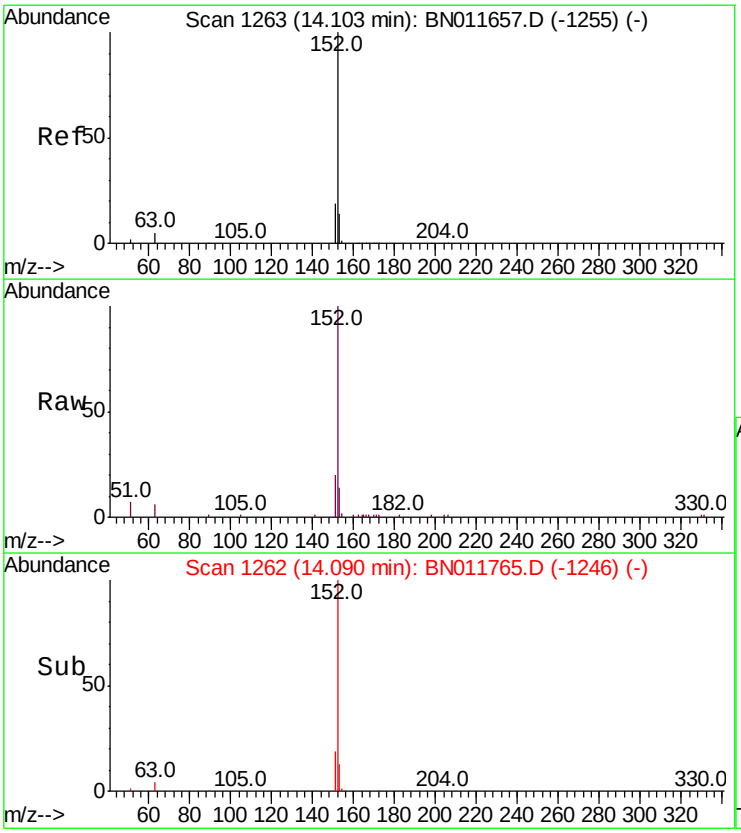
#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.99 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:172 Resp: 7430

Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.0	45.0
170	24.6	20.1	30.1

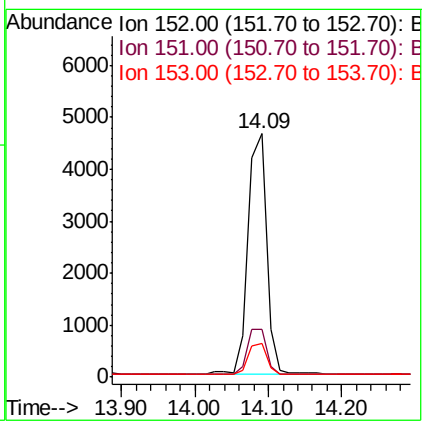


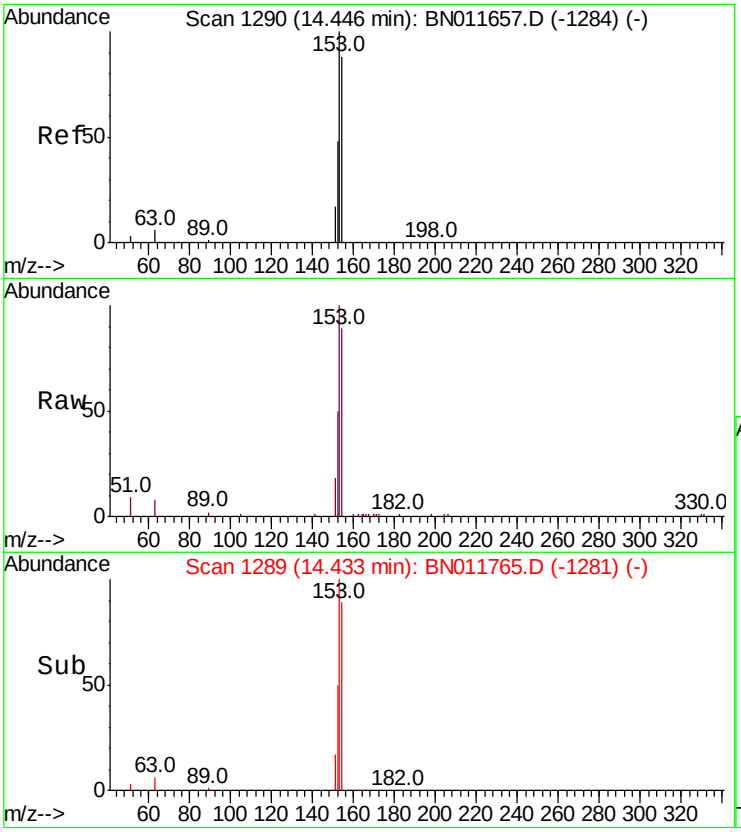


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:152 Resp: 8177

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	12.9	10.5	15.7



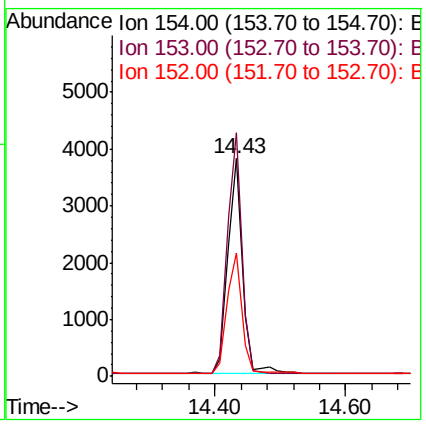


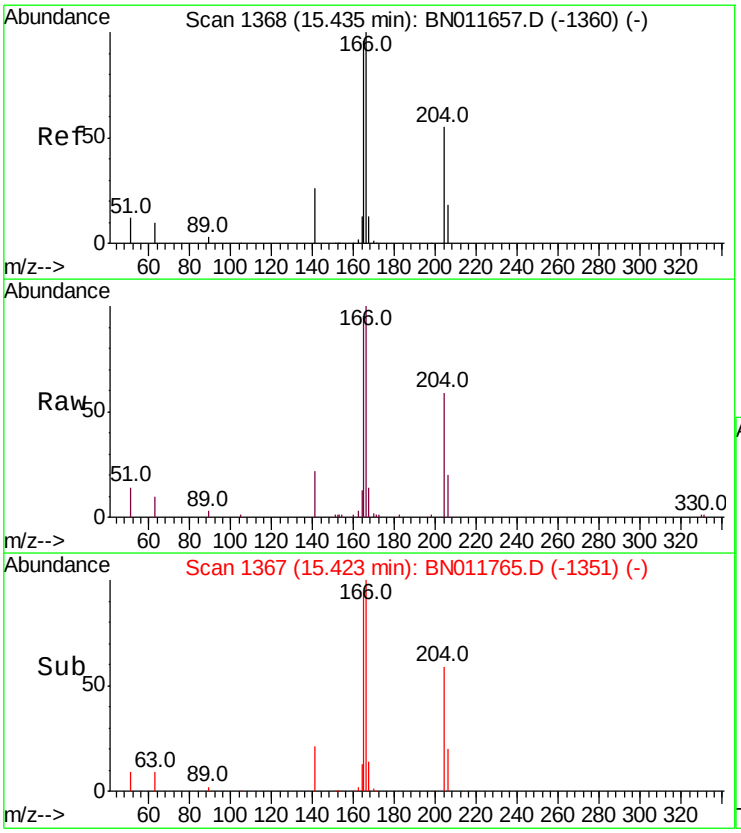
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.43 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:154 Resp: 5839

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.2	133.8
152	56.4	44.1	66.1

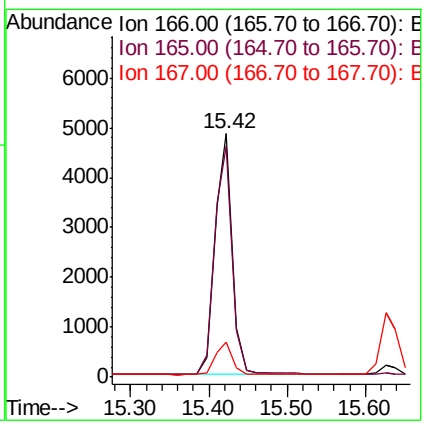


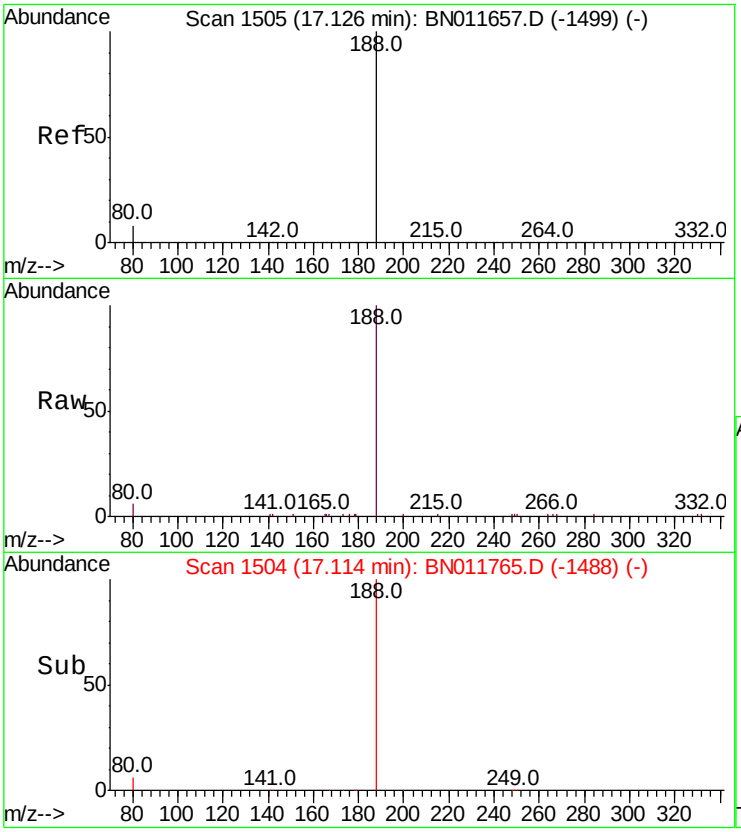


#18
Fluorene
Concen: 0.367 ng
RT: 15.42 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:166 Resp: 7439

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.7	116.5
167	13.8	11.0	16.4



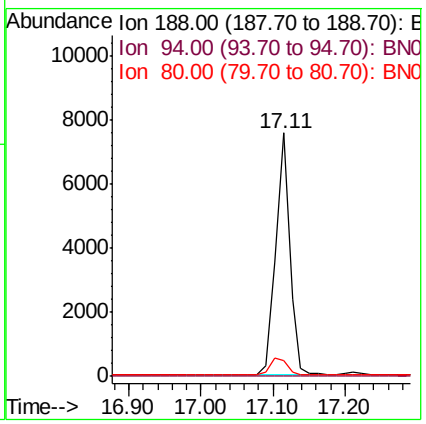


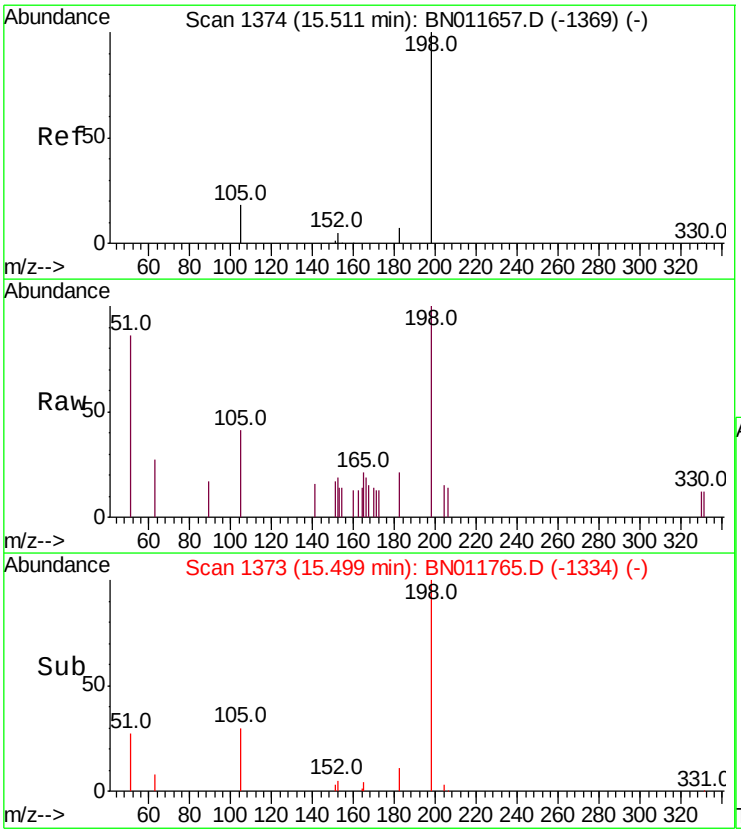
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:188 Resp: 10298

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	6.6	9.8#

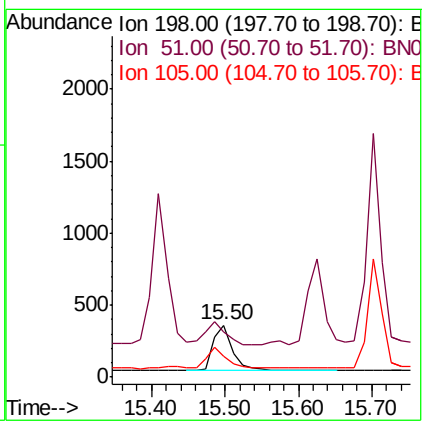


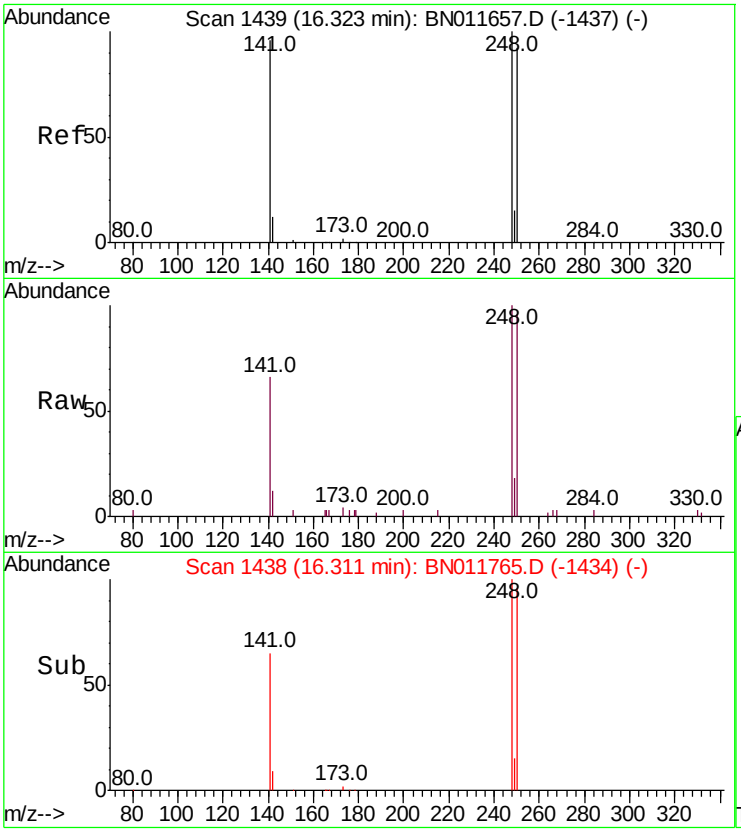


#20
4,6-Dinitro-2-methylphenol
Concen: 0.371 ng
RT: 15.50 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:198 Resp: 590

Ion	Ratio	Lower	Upper
198	100		
51	85.6	58.6	87.8
105	41.2	31.7	47.5



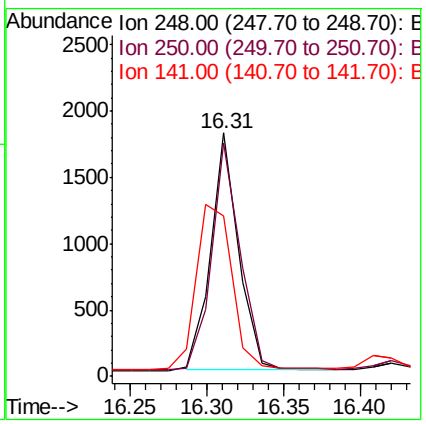


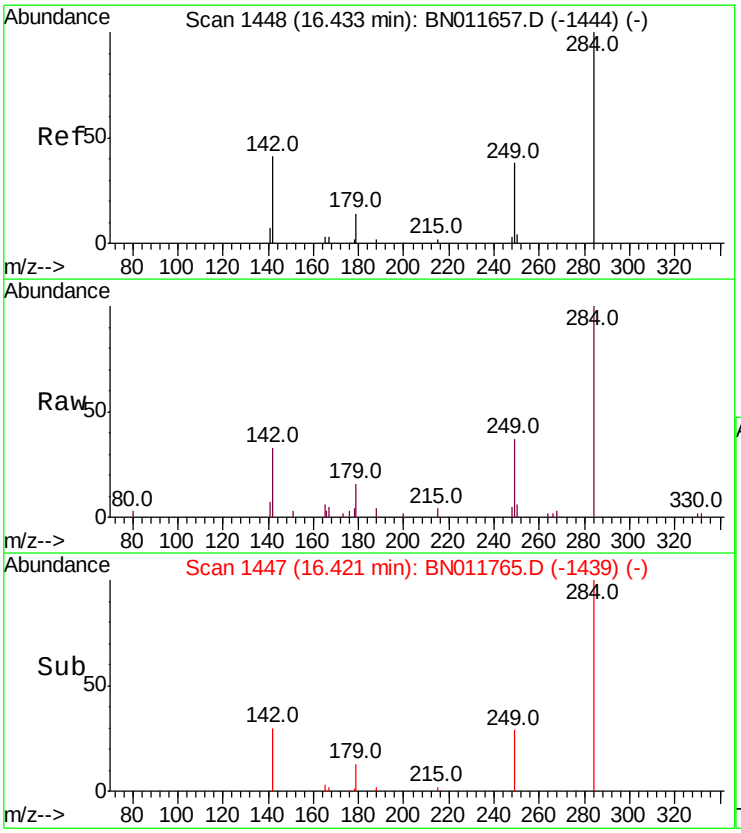
#21
4-Bromophenyl-phenylether
Concen: 0.369 ng
RT: 16.31 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:248 Resp: 2225

Ion	Ratio	Lower	Upper
248	100		
250	95.9	73.9	110.9
141	66.0	79.8	119.6#

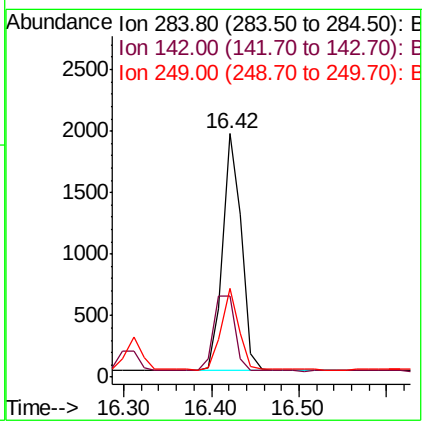


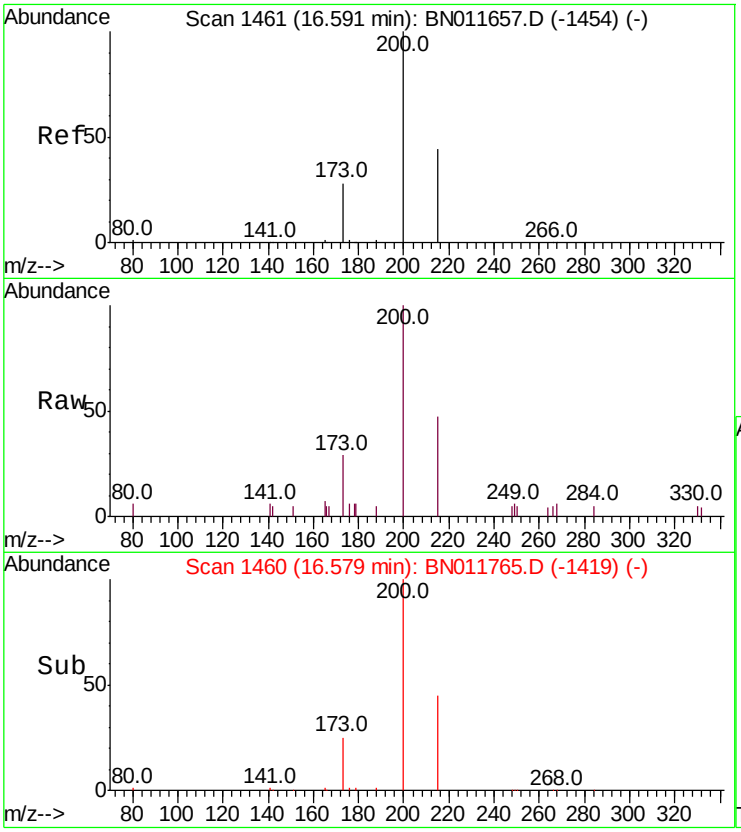


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.42 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:284 Resp: 2846

Ion	Ratio	Lower	Upper
284	100		
142	36.5	29.0	43.4
249	32.0	25.7	38.5



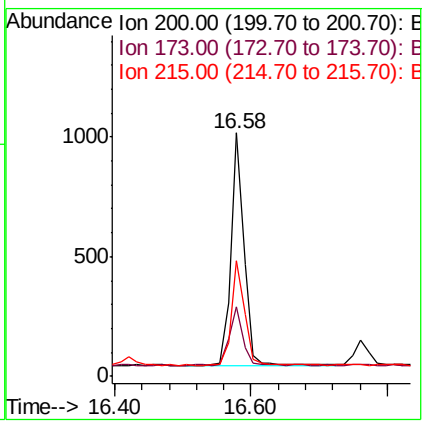


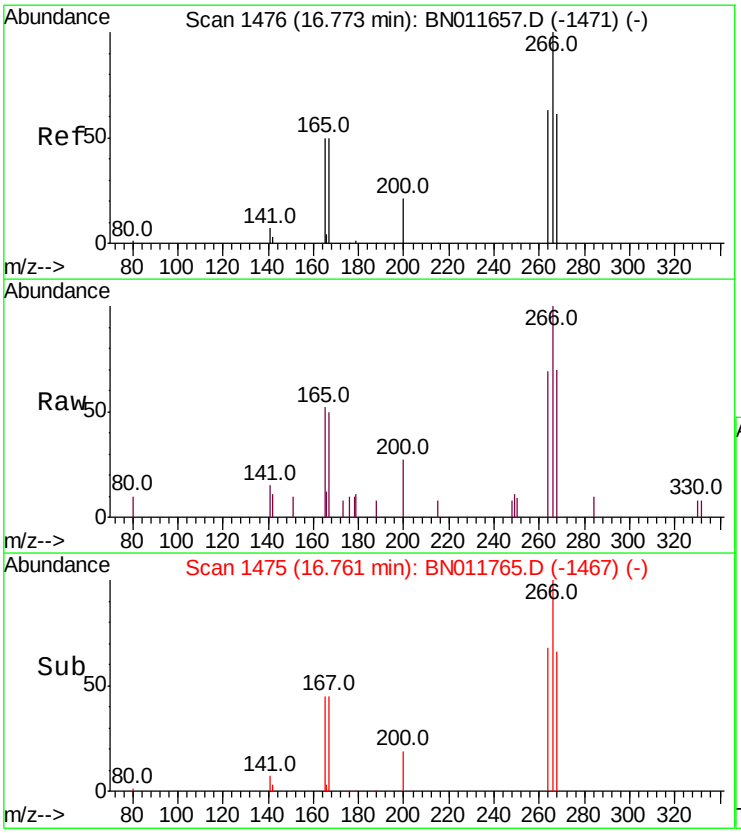
#23
Atrazine
Concen: 0.244 ng
RT: 16.58 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:200 Resp: 1294

Ion	Ratio	Lower	Upper
200	100		
173	28.8	24.3	36.5
215	47.4	36.4	54.6

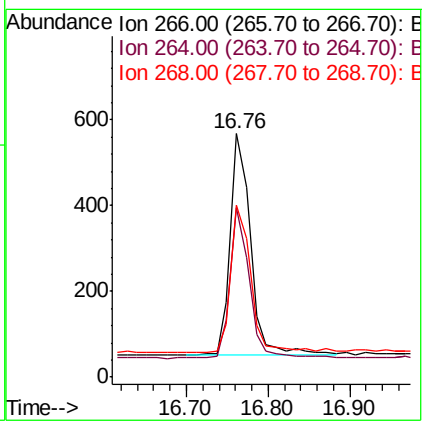


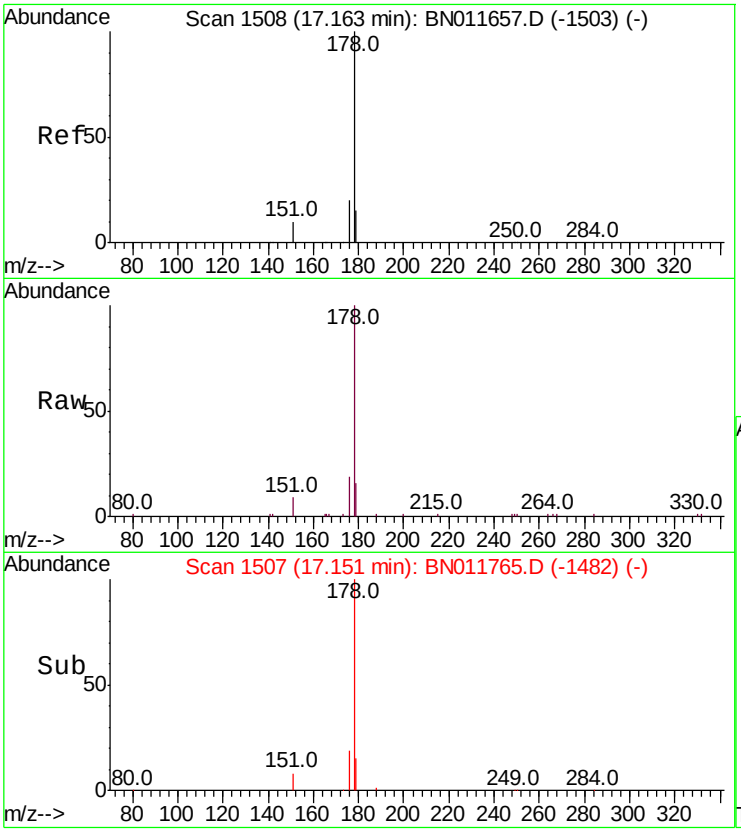


#24
Pentachlorophenol
Concen: 0.299 ng
RT: 16.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:266 Resp: 884

Ion	Ratio	Lower	Upper
266	100		
264	64.8	49.5	74.3
268	66.5	53.0	79.4



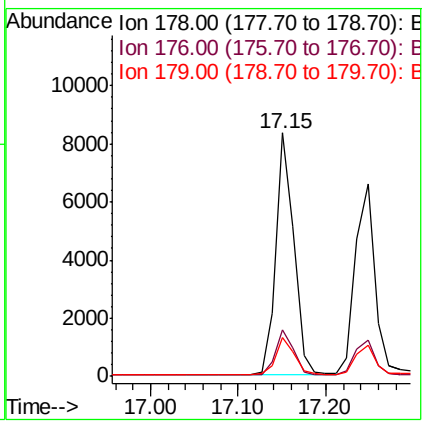


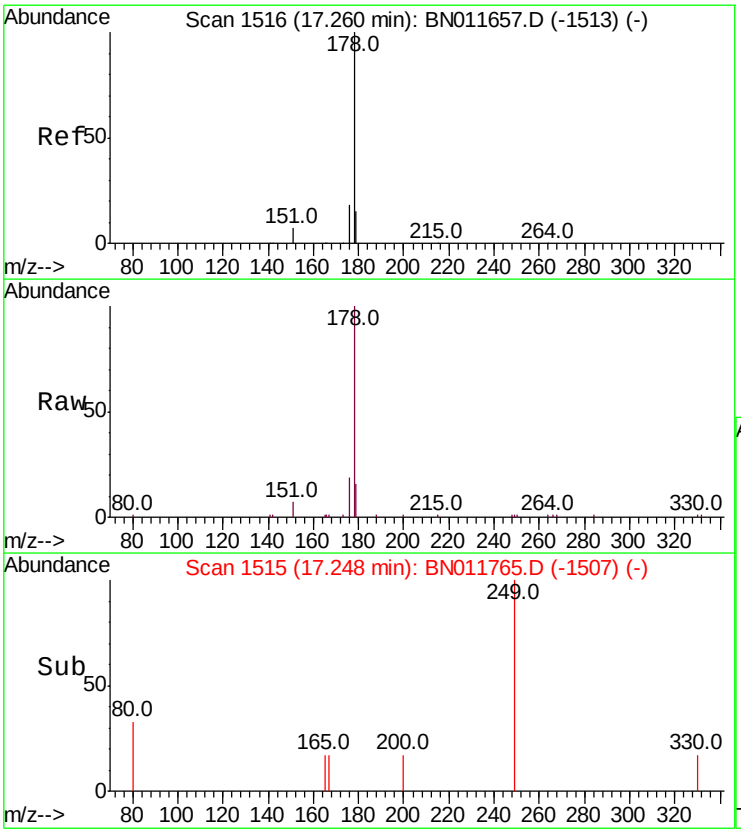
#25
Phenanthrene
Concen: 0.362 ng
RT: 17.15 min Scan# 1507
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:178 Resp: 12042

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.2	22.8
179	15.5	12.4	18.6

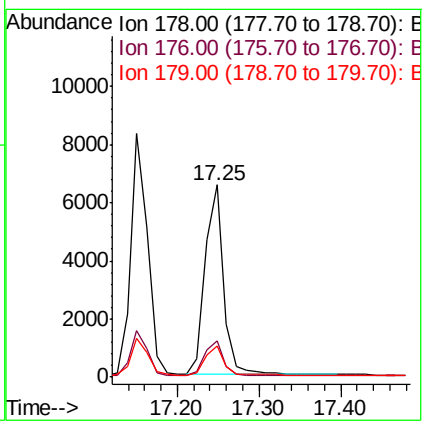


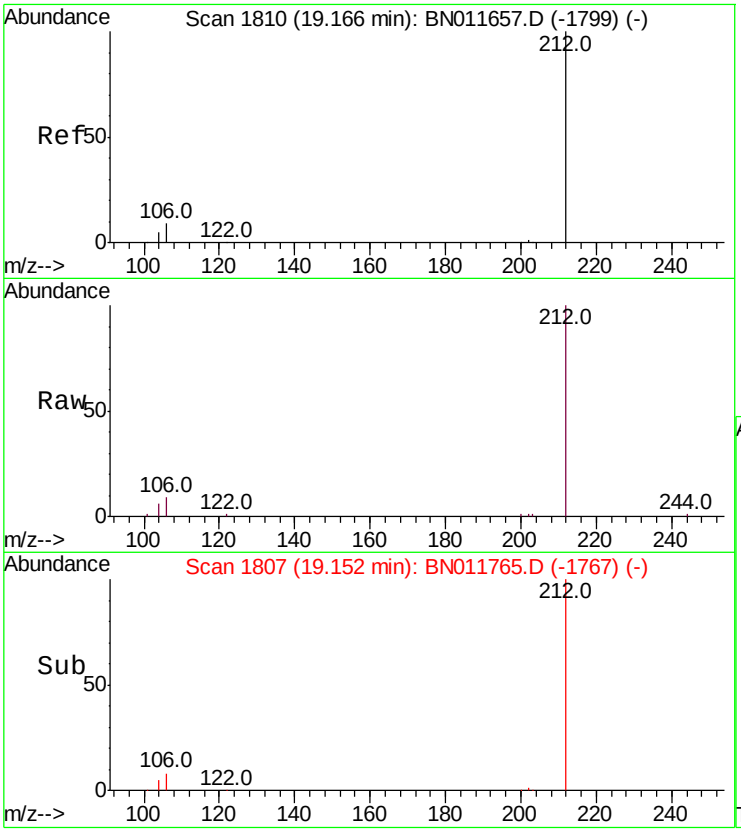


#26
Anthracene
Concen: 0.351 ng
RT: 17.25 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:178 Resp: 10363

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.5	21.7
179	15.2	12.2	18.4



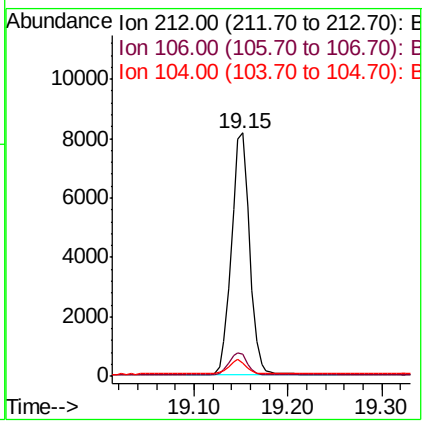


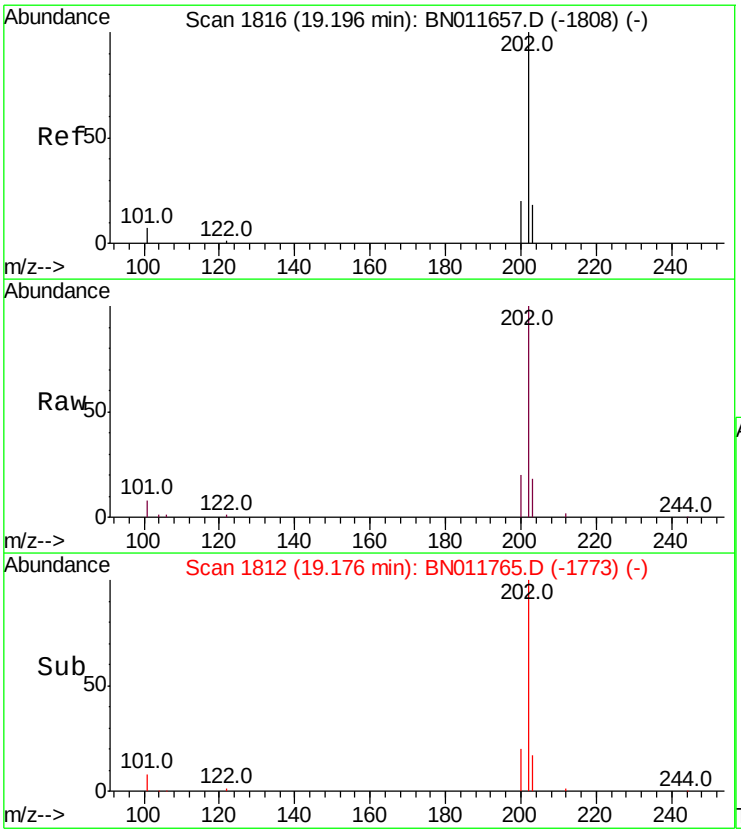
#27
Fluoranthene-d10
Concen: 0.330 ng
RT: 19.15 min Scan# 1807
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:212 Resp: 10913

Ion	Ratio	Lower	Upper
212	100		
106	9.3	7.6	11.4
104	5.7	4.6	6.8

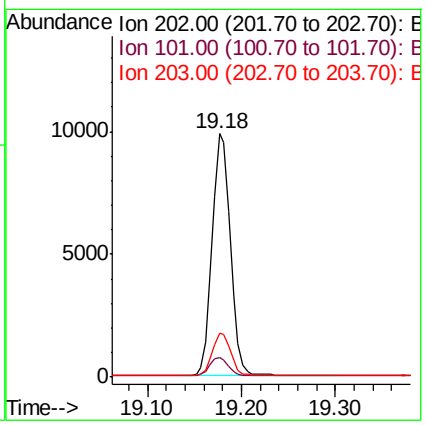


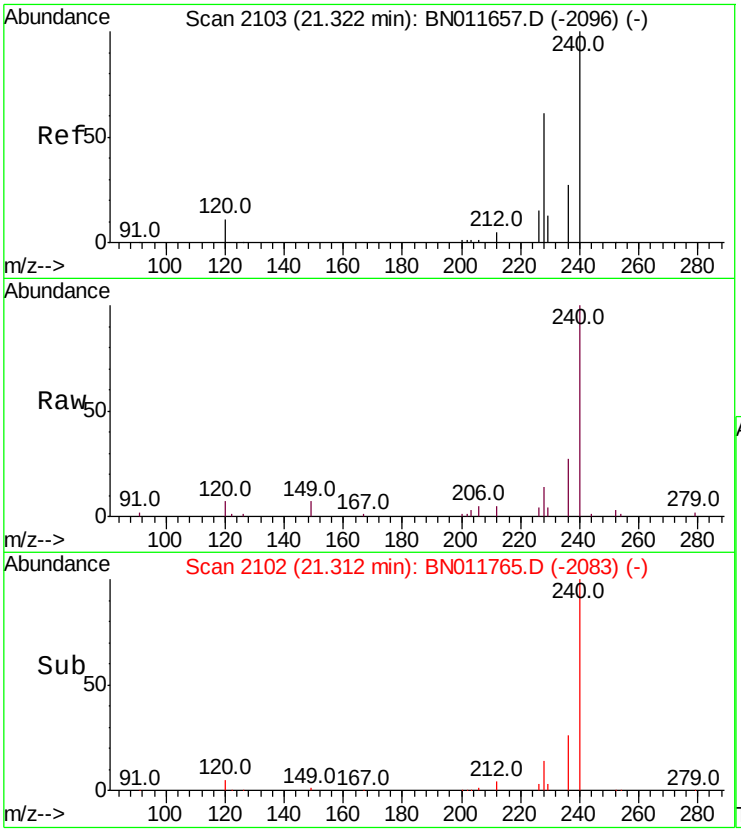


#28
Fluoranthene
Concen: 0.336 ng
RT: 19.18 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:202 Resp: 13273

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.5	9.7
203	17.2	13.8	20.6



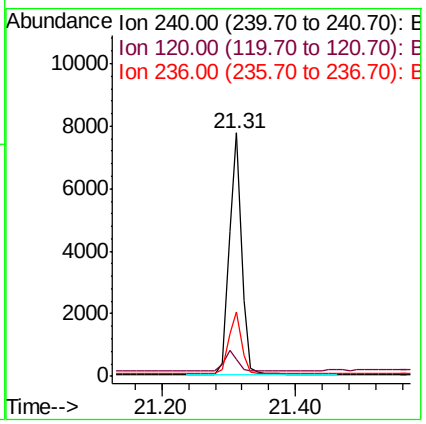


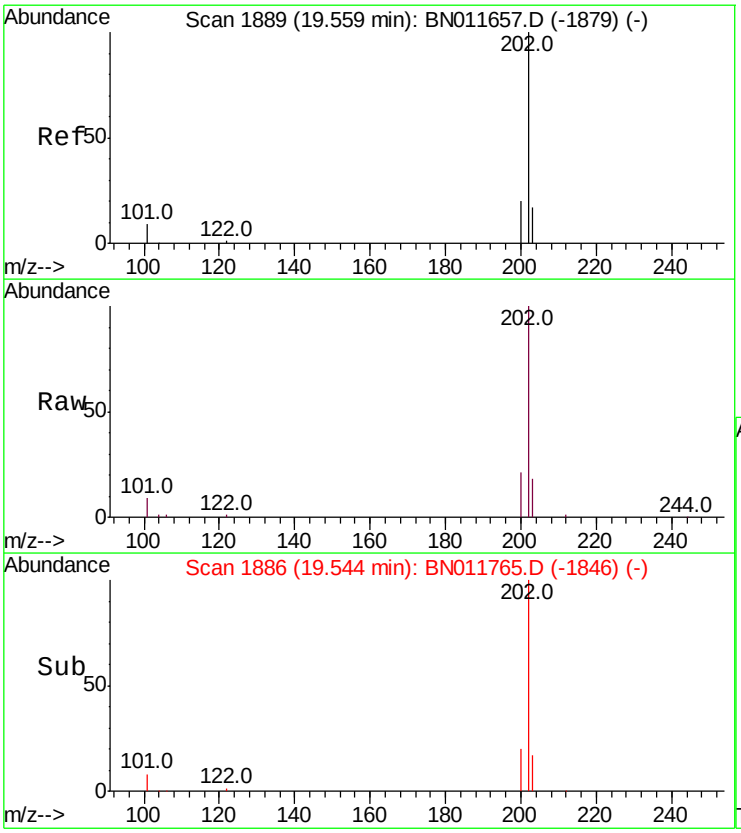
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.31 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:240 Resp: 9952

Ion	Ratio	Lower	Upper
240	100		
120	7.0	9.9	14.9#
236	26.7	22.2	33.4

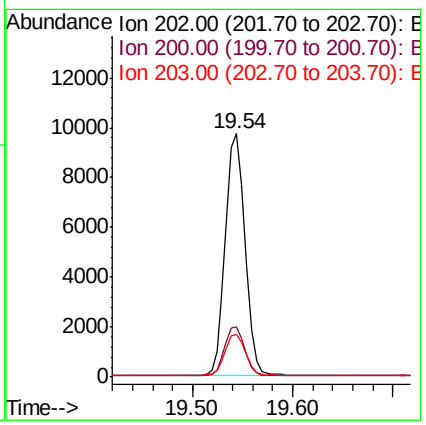


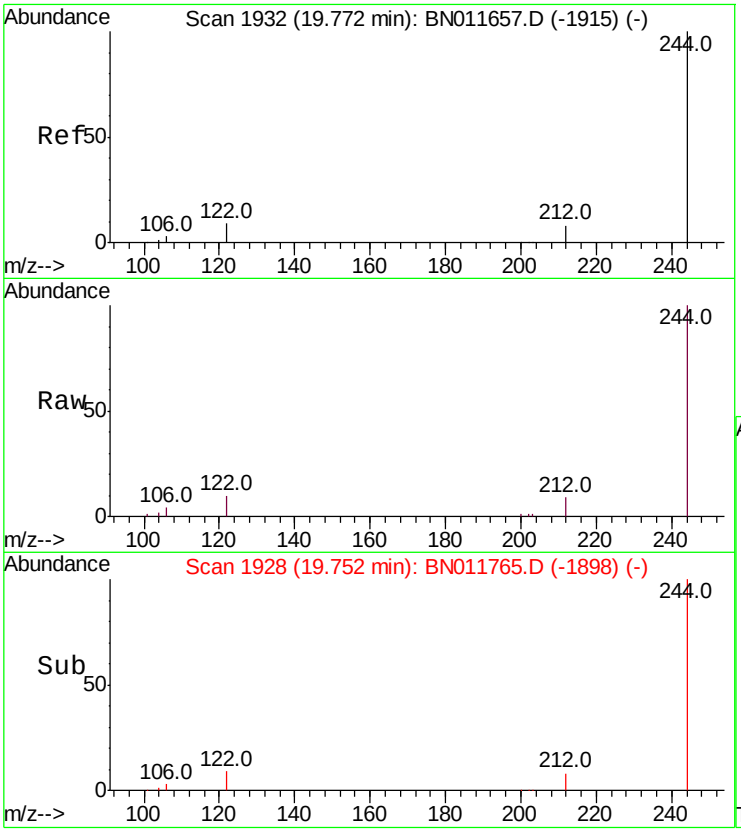


#30
Pyrene
Concen: 0.382 ng
RT: 19.54 min Scan# 1886
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:202 Resp: 13215

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	17.5	14.1	21.1



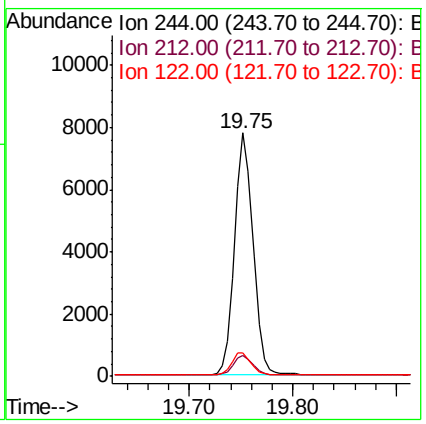


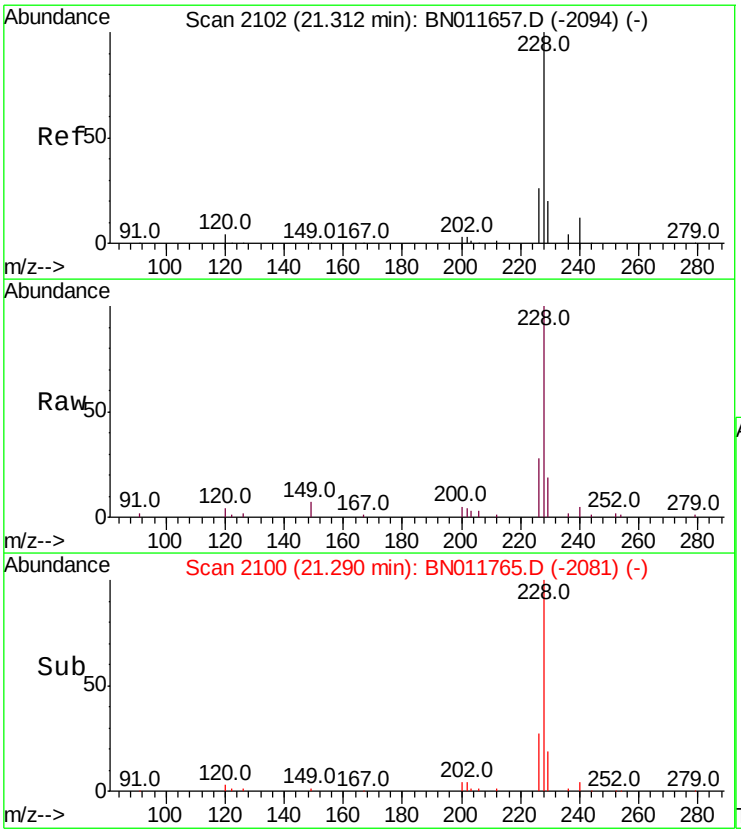
#31
Terphenyl-d14
Concen: 0.379 ng
RT: 19.75 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:244 Resp: 9355

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

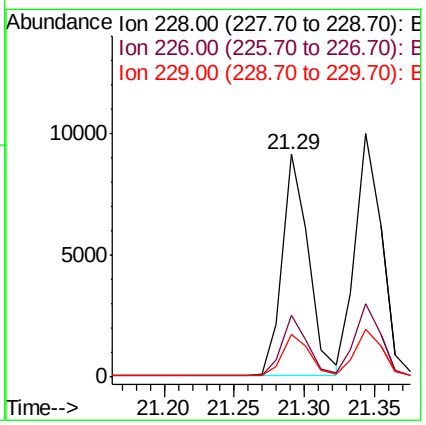


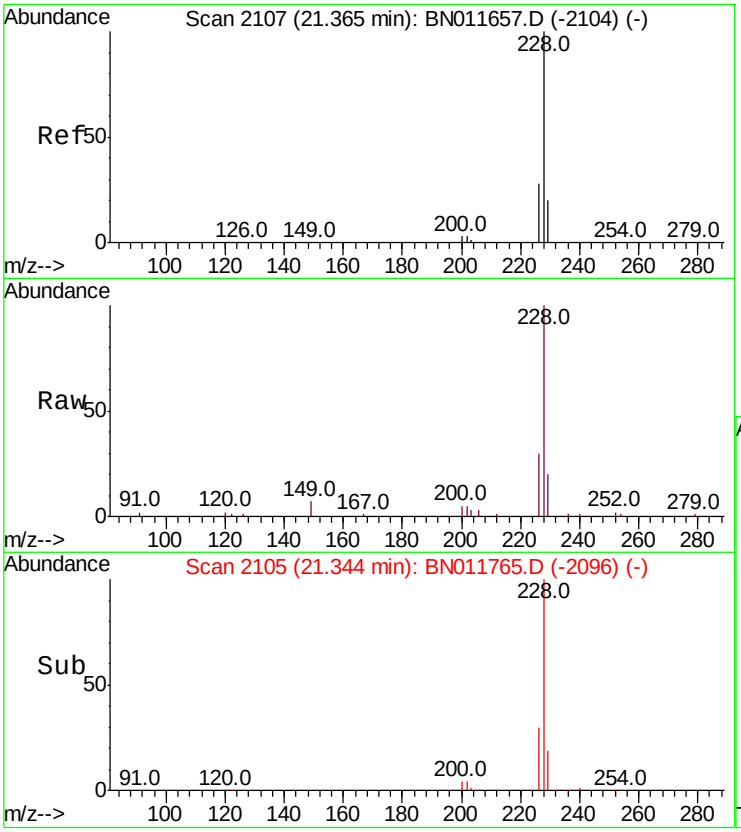


#32
Benzo(a)anthracene
Concen: 0.340 ng
RT: 21.29 min Scan# 2100
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:228 Resp: 12067

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.2	31.8
229	19.2	16.0	24.0



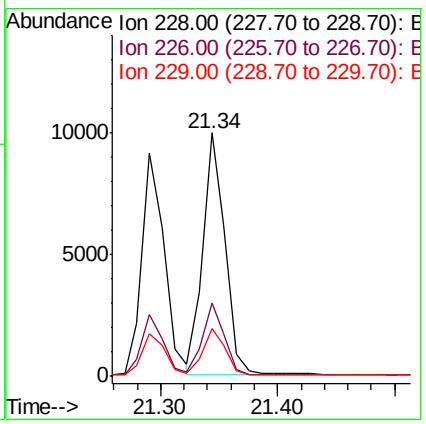


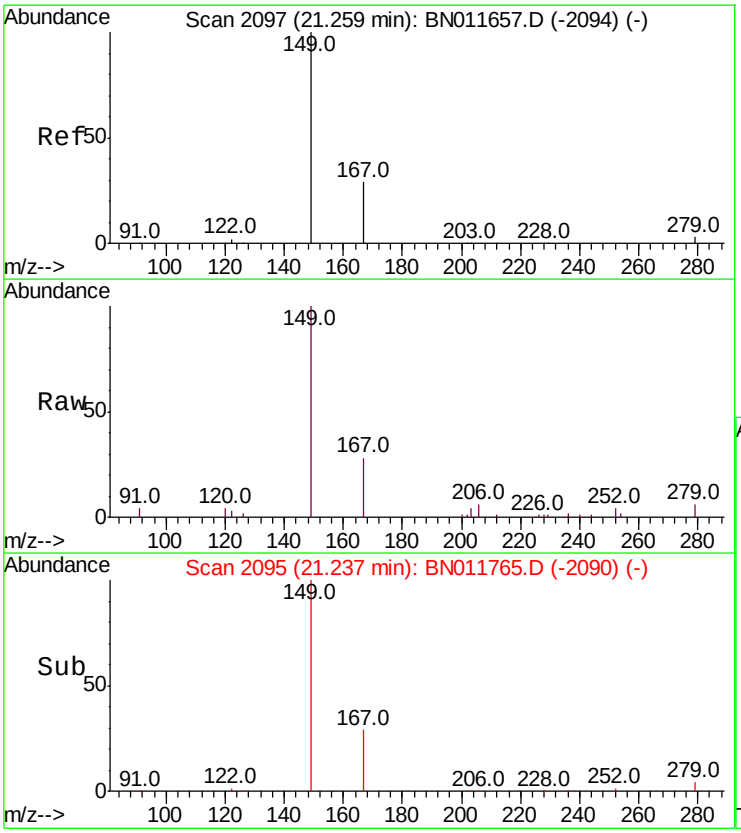
#33
Chrysene
Concen: 0.357 ng
RT: 21.34 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:228 Resp: 13088

Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	19.7	15.9	23.9

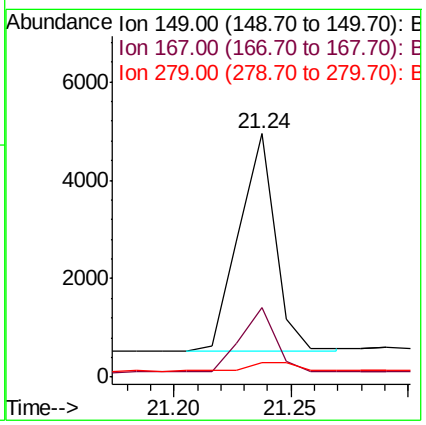


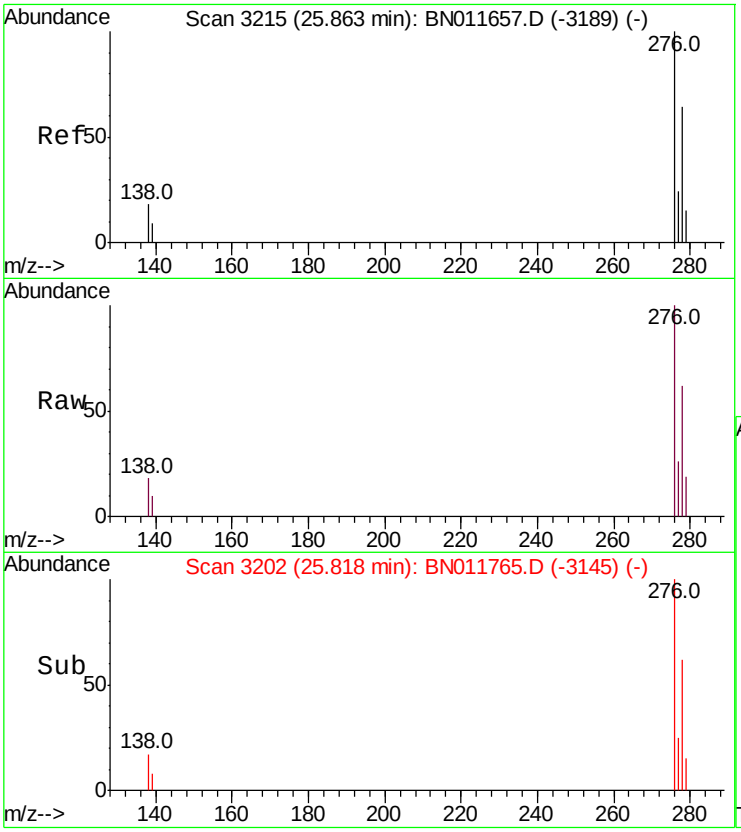


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.334 ng
RT: 21.24 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:149 Resp: 4829

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.2	34.8
279	4.6	4.0	6.0



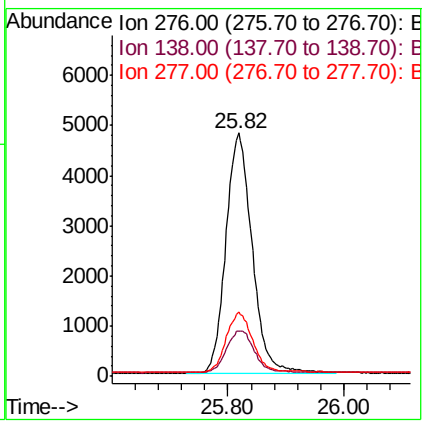


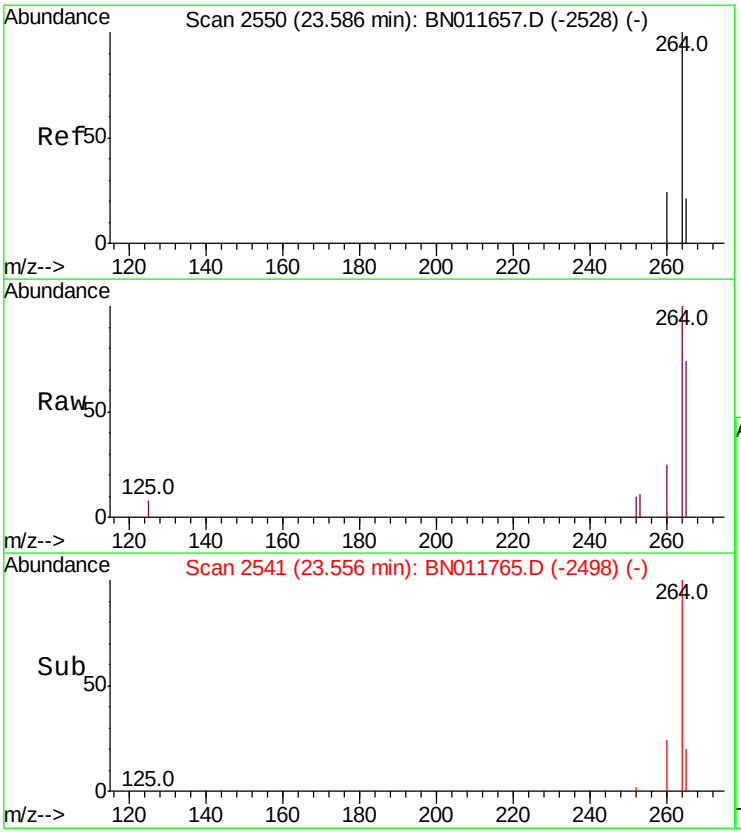
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.318 ng
RT: 25.82 min Scan# 3202
Delta R.T. -0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:276 Resp: 15199

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.4	23.2
277	25.0	20.1	30.1

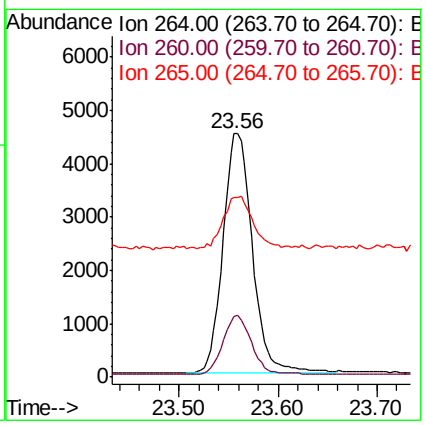


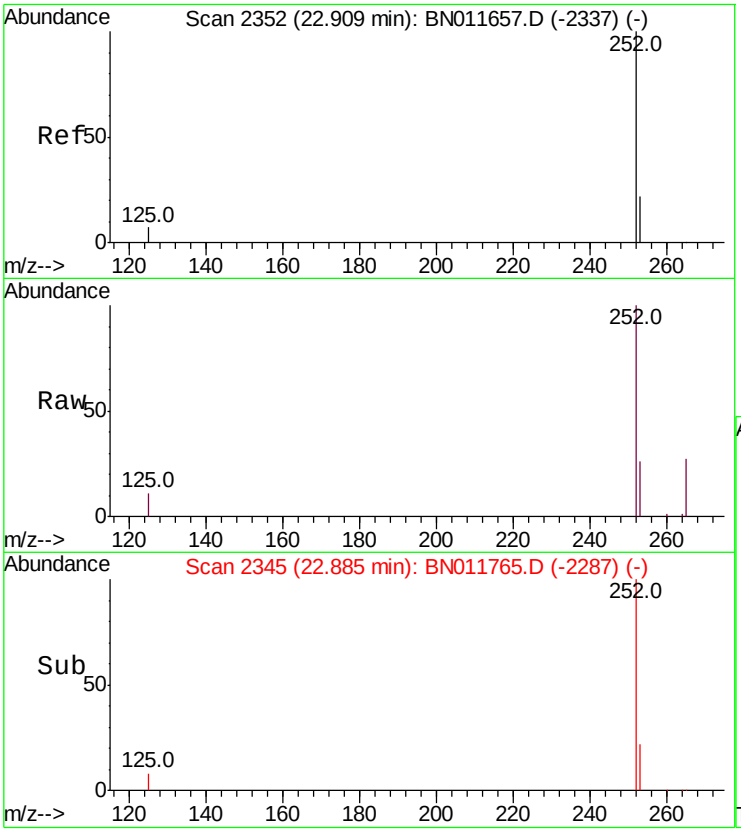


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.56 min Scan# 2541
Delta R.T. -0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:264 Resp: 9255

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	73.7	38.9	58.3#



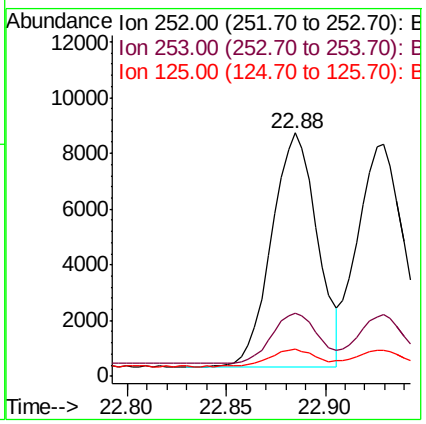


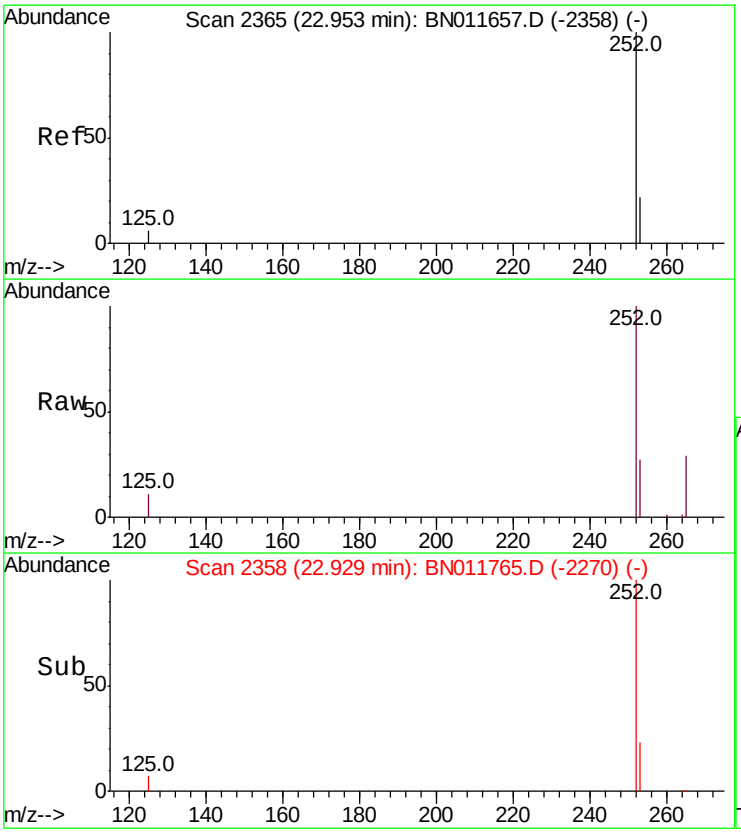
#37
Benzo(b)fluoranthene
Concen: 0.378 ng
RT: 22.88 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:252 Resp: 13431

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.7	29.5
125	11.2	7.8	11.8

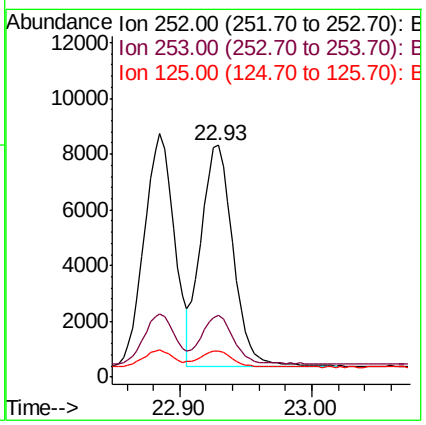


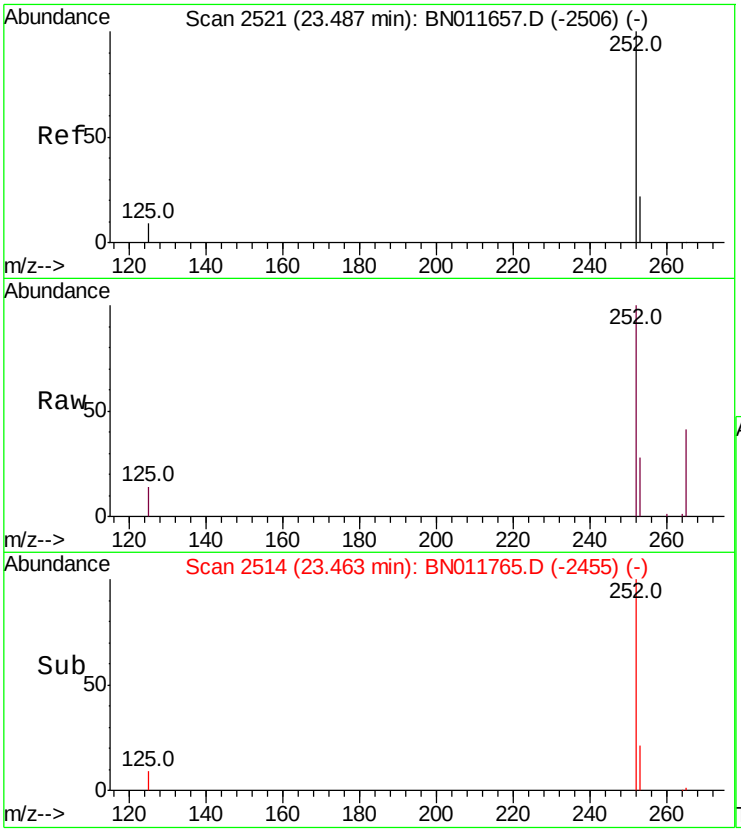


#38
Benzo(k)fluoranthene
Concen: 0.369 ng
RT: 22.93 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:252 Resp: 13400

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.4	29.0
125	11.2	8.4	12.6



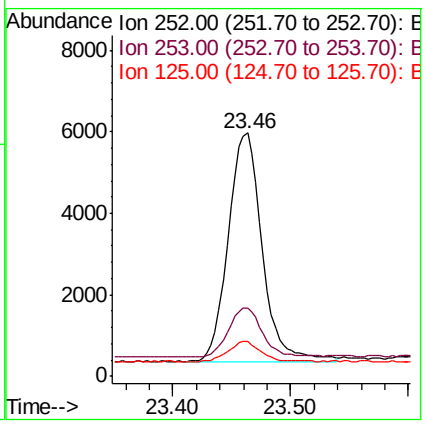


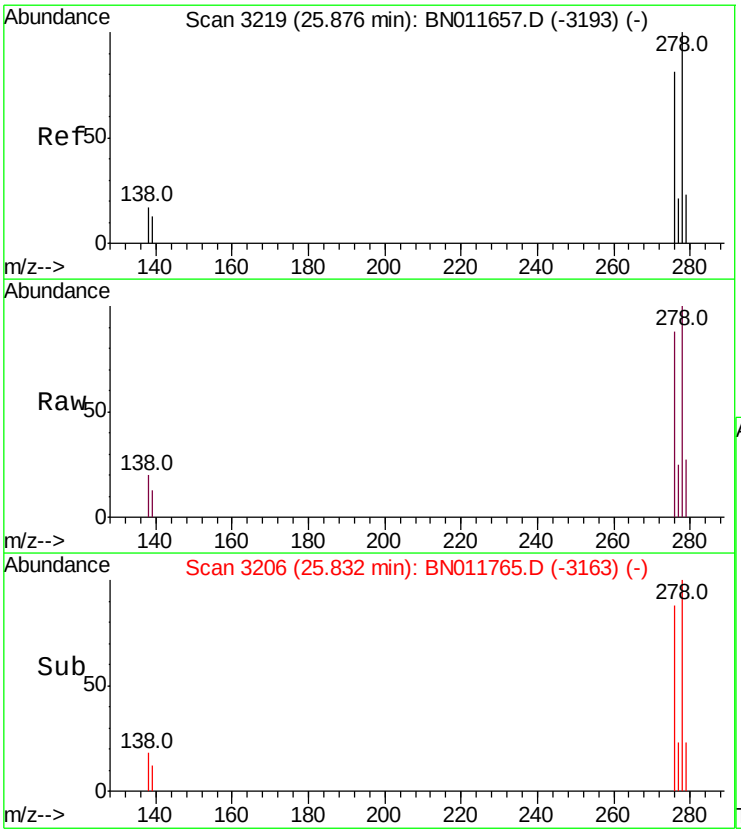
#39
Benzo(a)pyrene
Concen: 0.355 ng
RT: 23.46 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:252 Resp: 11257

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.3	30.5
125	14.4	9.8	14.6

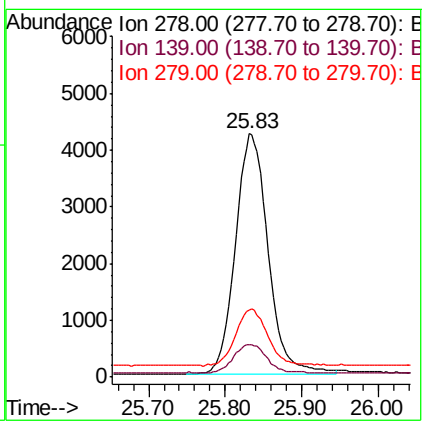


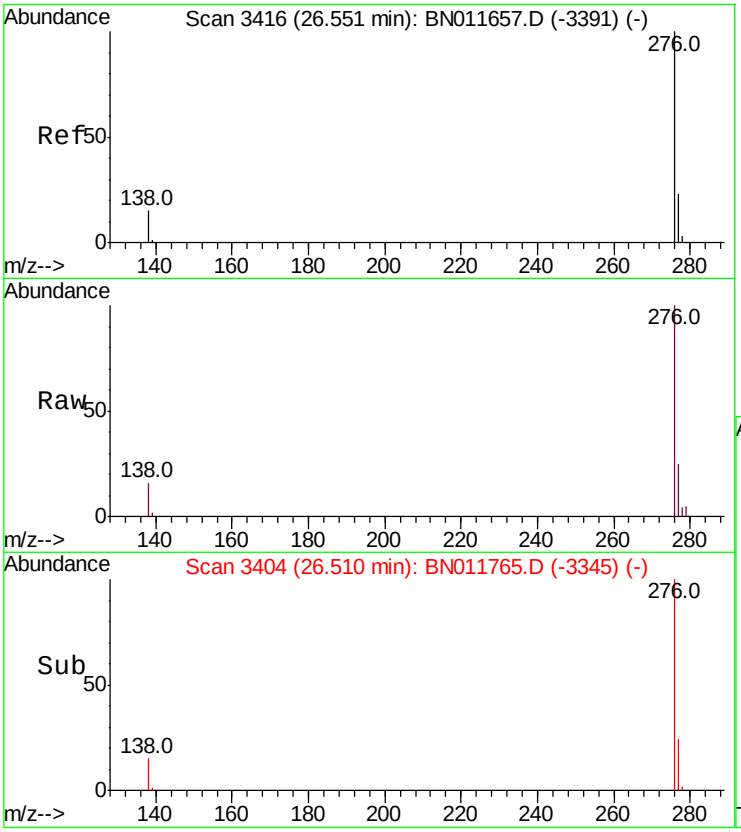


#40
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 25.83 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Tgt Ion:278 Resp: 12426

Ion	Ratio	Lower	Upper
278	100		
139	13.5	11.0	16.6
279	27.4	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.370 ng
RT: 26.51 min Scan# 3404
Delta R.T. 0.00 min
Lab File: BN011765.D
Acq: 09 Sep 2020 13:31

Instrument :
BNA_N
ClientSampleId :
PB131470BSD

Tgt Ion:276 Resp: 12962

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.7	29.5
138	16.3	13.4	20.2