Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011622.D
Acq On : 25 Aug 2020 19:00
Operator : CG/JU
Sample : PB130971BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131185BS

Quant Time: Aug 26 00:35:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2081	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	8417	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5336	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	11707	0.40	ng		0.00
29) Chrysene-d12	21.32	240	12297	0.40	ng		-0.01
36) Perylene-d12	23.59	264	12743	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2548	0.38	ng		0.00
5) Phenol-d6	6.92	99	3474	0.37	ng		0.00
8) Nitrobenzene-d5	8.89	82	3101	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6187	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	991	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	8628	0.42	ng		-0.01
27) Fluoranthene-d10	19.17	212	14526	0.38	ng		0.00
31) Terphenyl-d14	19.77	244	12995	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1368	0.424	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1524	0.448	ng	#	98
6) bis(2-Chloroethyl)ether	7.18	93	2730	0.408	ng		98
9) Naphthalene	10.59	128	9561	0.399	ng	#	94
10) Hexachlorobutadiene	10.88	225	2072	0.413	ng	#	99
12) 2-Methylnaphthalene	12.21	142	6960	0.394	ng		98
16) Acenaphthylene	14.10	152	10345	0.368	ng		99
17) Acenaphthene	14.46	154	7122	0.399	ng		99
18) Fluorene	15.45	166	8940	0.387	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	614	0.455	ng	#	41
21) 4-Bromophenyl-phenylether	16.34	248	2689	0.394	ng	#	77
22) Hexachlorobenzene	16.44	284	3281	0.416	ng		99
23) Atrazine	16.60	200	1804	0.267	ng	#	94
24) Pentachlorophenol	16.79	266	1179	0.338	ng		96
25) Phenanthrene	17.18	178	14555	0.400	ng		100
26) Anthracene	17.27	178	13414	0.374	ng		99
28) Fluoranthene	19.20	202	17223	0.391	ng		99
30) Pyrene	19.56	202	17526	0.402	ng		100
32) Benzo(a)anthracene	21.31	228	17502	0.395	ng		100
33) Chrysene	21.36	228	17630	0.417	ng		99
34) Bis(2-ethylhexyl)phthalate	21.26	149	8260	0.243	ng		95
35) Indeno(1,2,3-cd)pyrene	25.86	276	22426	0.435	ng	#	100
37) Benzo(b)fluoranthene	22.95	252	18732	0.406	ng		98
38) Benzo(k)fluoranthene	22.95	252	18732	0.408	ng	#	94
39) Benzo(a)pyrene	23.48	252	16840	0.391	ng		96
40) Dibenzo(a,h)anthracene	25.88	278	18699	0.416	ng	#	94
41) Benzo(g,h,i)perylene	26.55	276	17934	0.411	ng		96

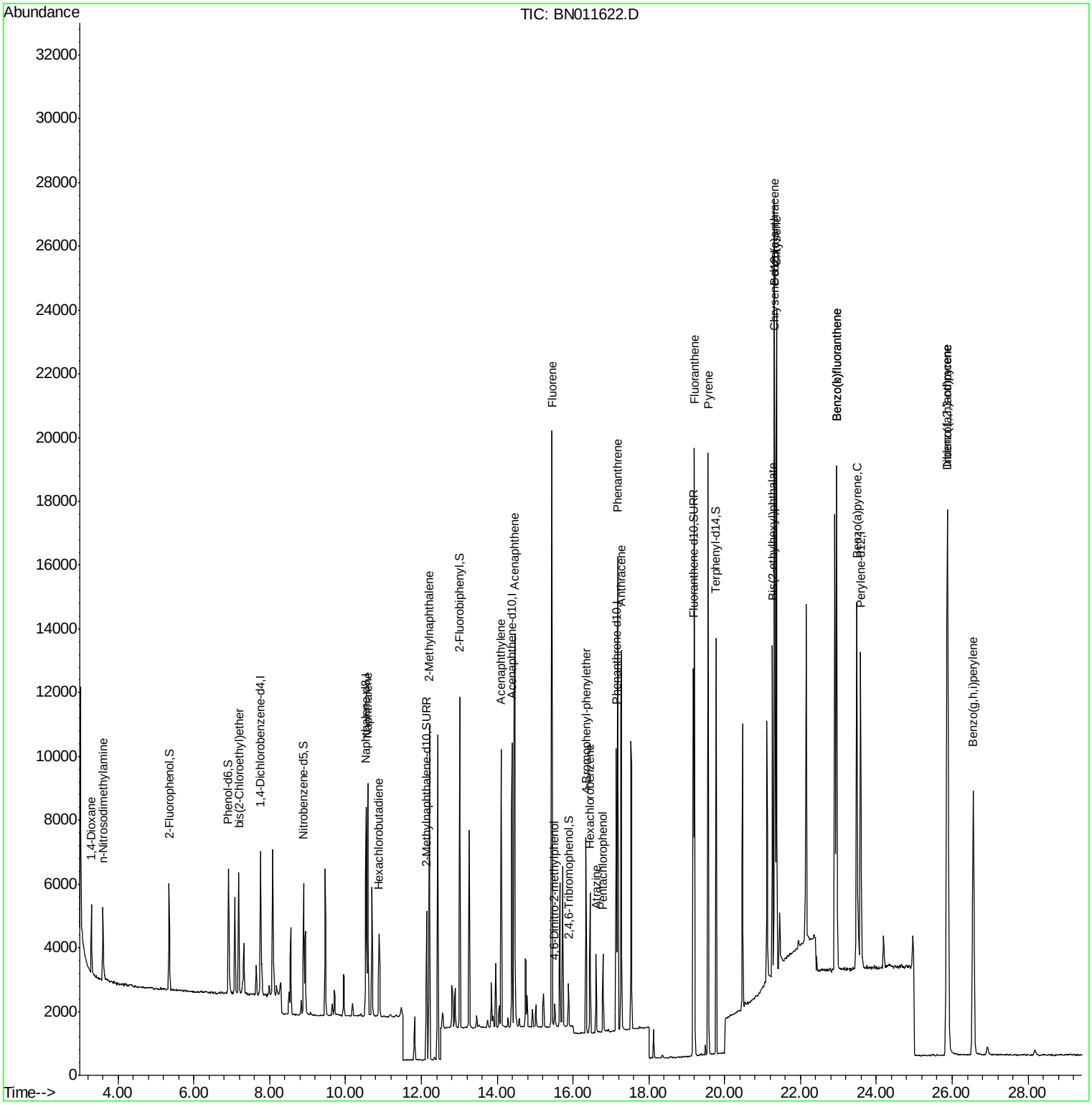
(#) = qualifier out of range (m) = manual integration (+) = signals summed

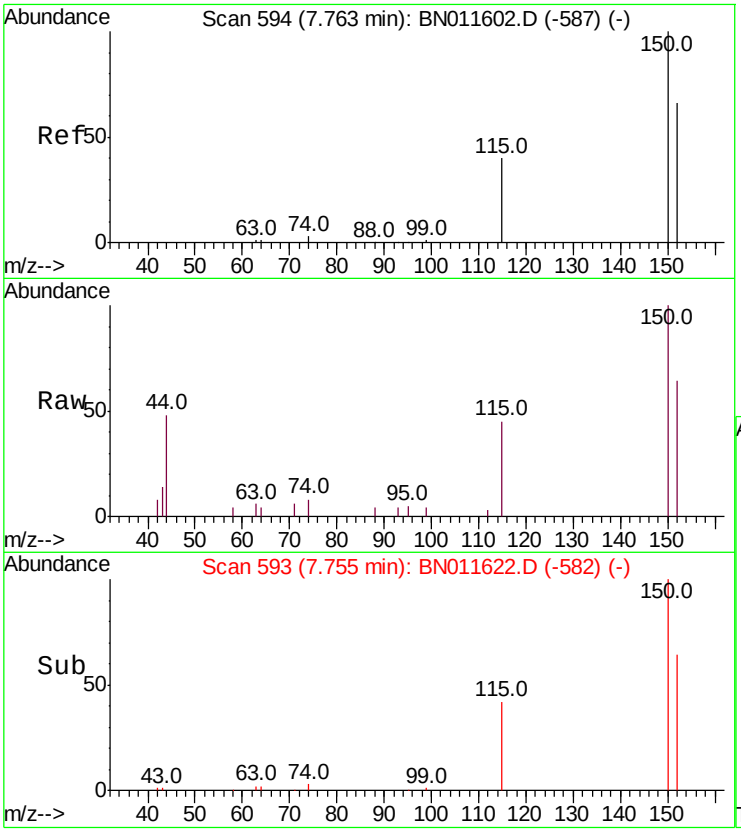
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011622.D
Acq On : 25 Aug 2020 19:00
Operator : CG/JU
Sample : PB130971BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Quant Time: Aug 26 00:35:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration



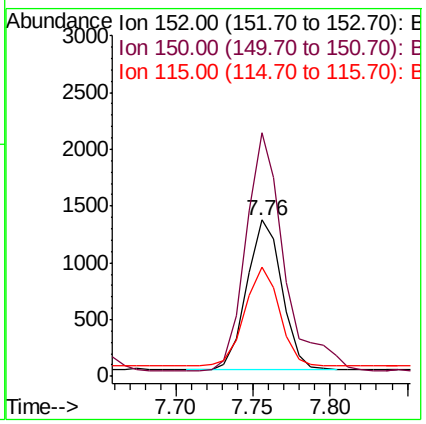


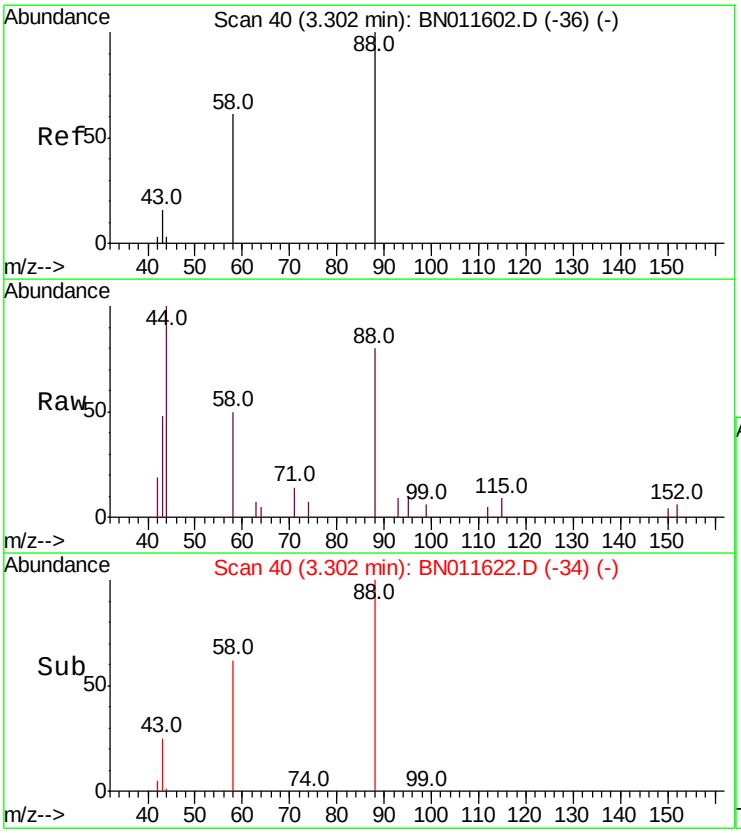
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.76 min Scan# 593
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:152 Resp: 2081

Ion	Ratio	Lower	Upper
152	100		
150	155.7	112.4	168.6
115	69.5	56.9	85.3

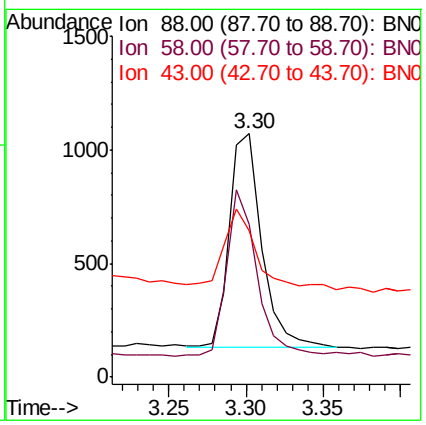


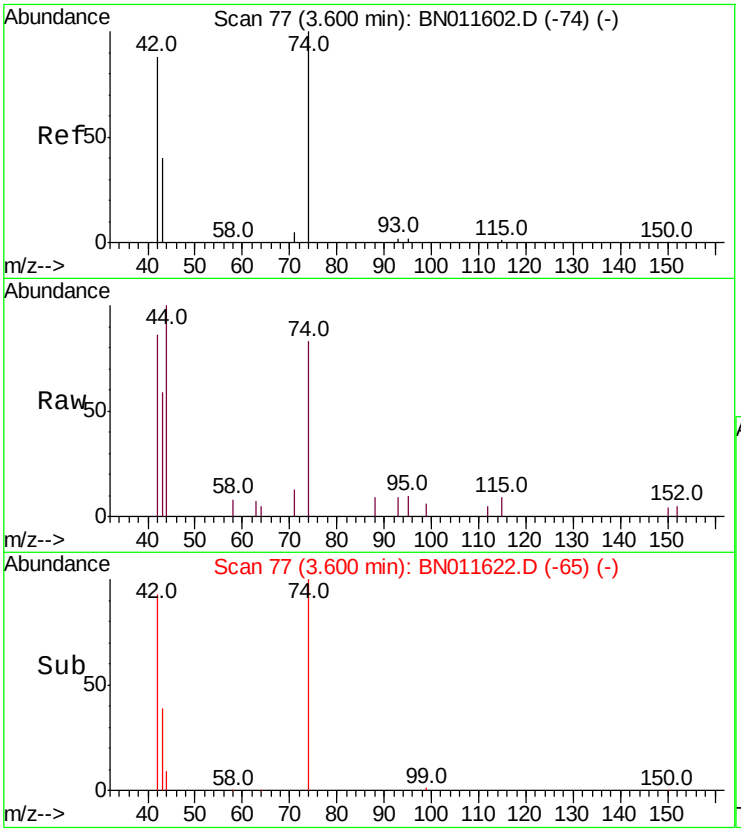


#2
1,4-Dioxane
Concen: 0.424 ng
RT: 3.30 min Scan# 40
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion: 88 Resp: 1368

Ion	Ratio	Lower	Upper
88	100		
58	71.6	3.0	4.4#
43	38.6	0.0	0.0#



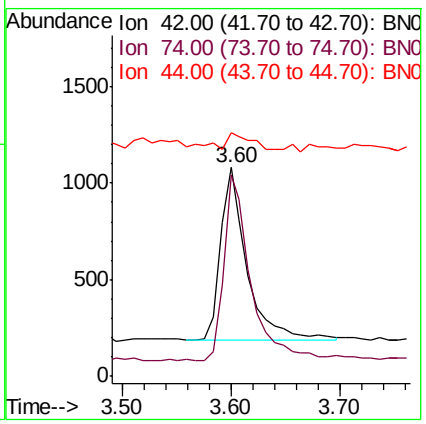


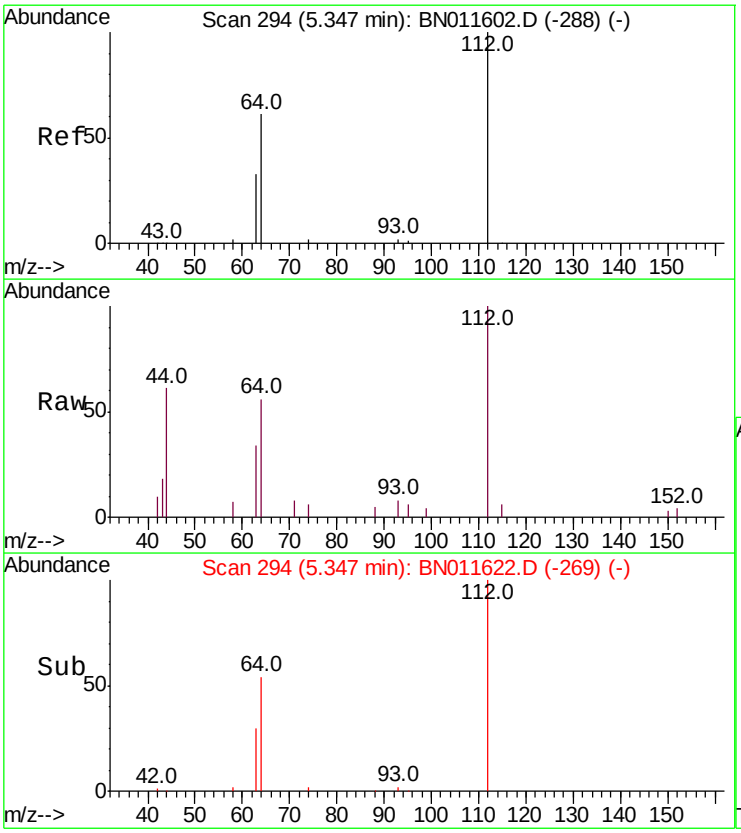
#3
n-Nitrosodimethylamine
Concen: 0.448 ng
RT: 3.60 min Scan# 77
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion: 42 Resp: 1524

Ion	Ratio	Lower	Upper
42	100		
74	108.3	0.0	0.0#
44	9.4	8.2	12.4

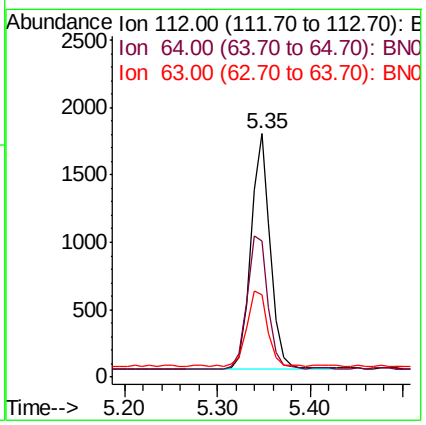


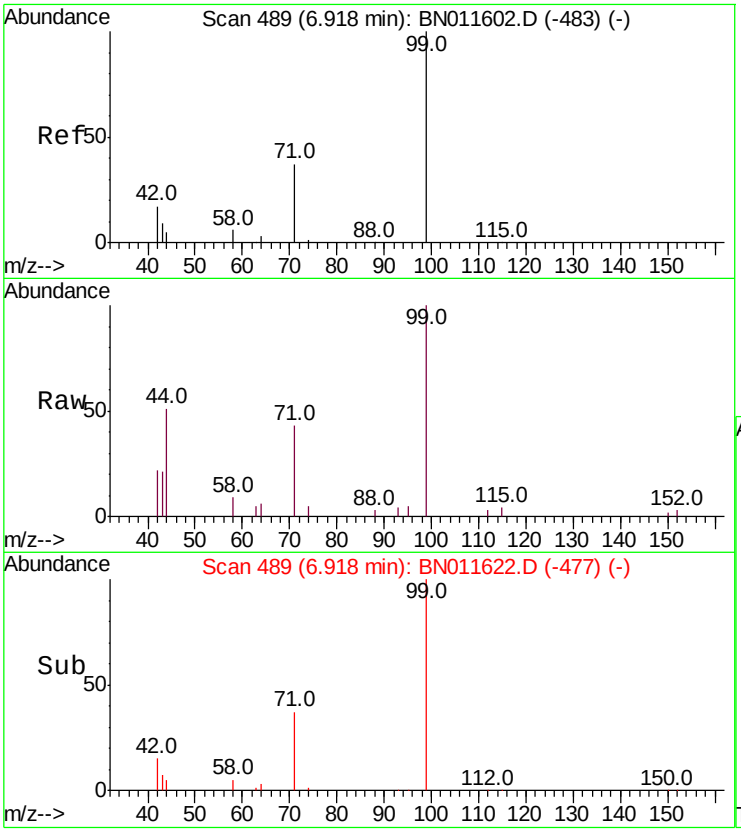


#4
2-Fluorophenol
Concen: 0.383 ng
RT: 5.35 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:112 Resp: 2548

Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.6	74.4
63	34.5	26.4	39.6



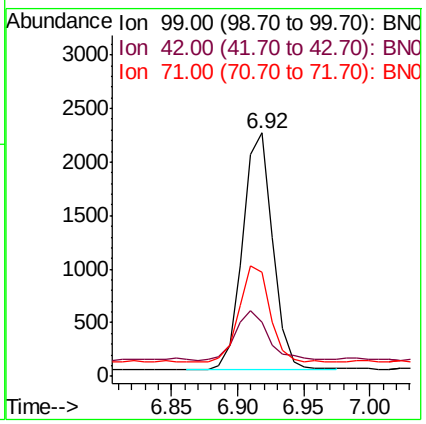


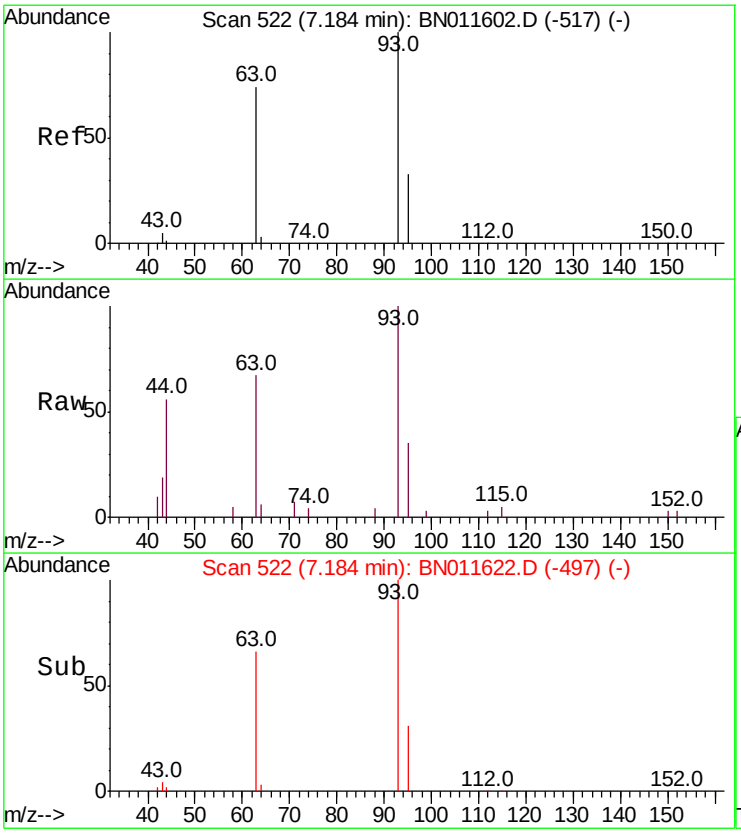
#5
Phenol-d6
Concen: 0.369 ng
RT: 6.92 min Scan# 489
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion: 99 Resp: 3474

Ion	Ratio	Lower	Upper
99	100		
42	23.0	0.0	0.0#
71	41.7	0.0	0.0#

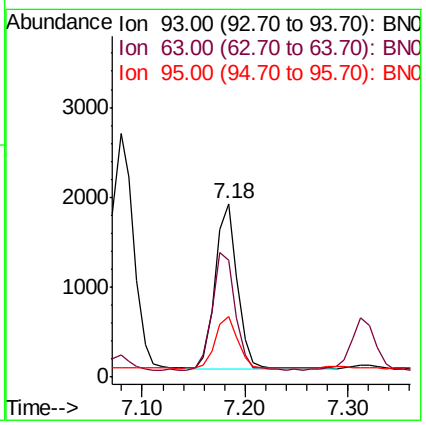


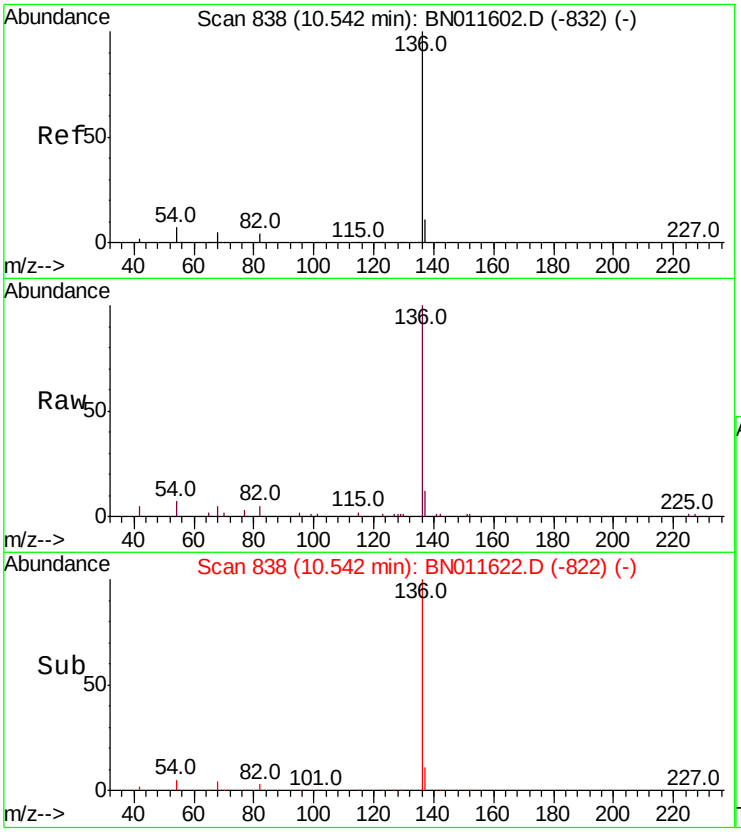


#6
bis(2-Chloroethyl)ether
Concen: 0.408 ng
RT: 7.18 min Scan# 522
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion: 93 Resp: 2730

Ion	Ratio	Lower	Upper
93	100		
63	73.6	57.8	86.8
95	32.9	28.3	42.5



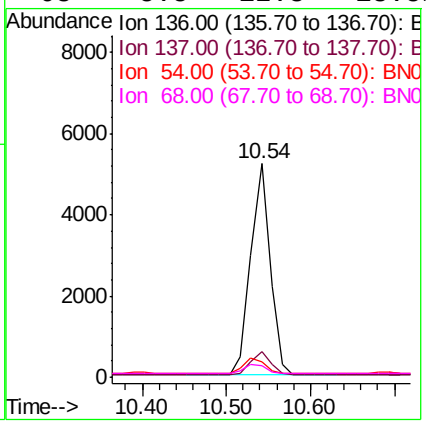


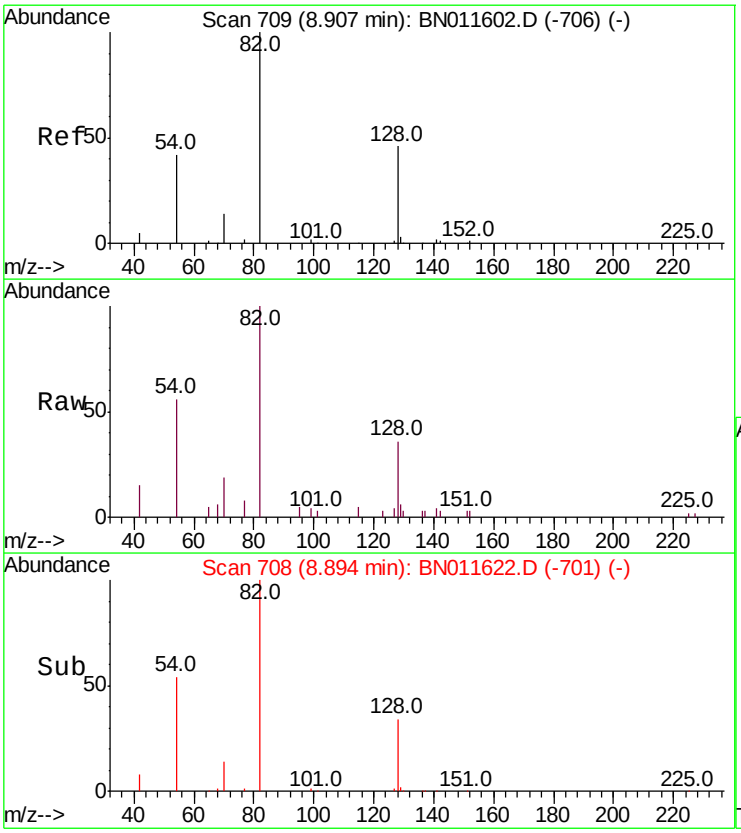
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.54 min Scan# 838
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:136 Resp: 8417

Ion	Ratio	Lower	Upper
136	100		
137	11.8	11.5	17.3
54	7.0	11.9	17.9#
68	5.5	12.3	18.5#

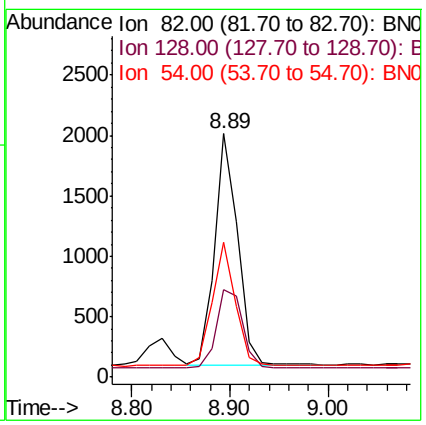


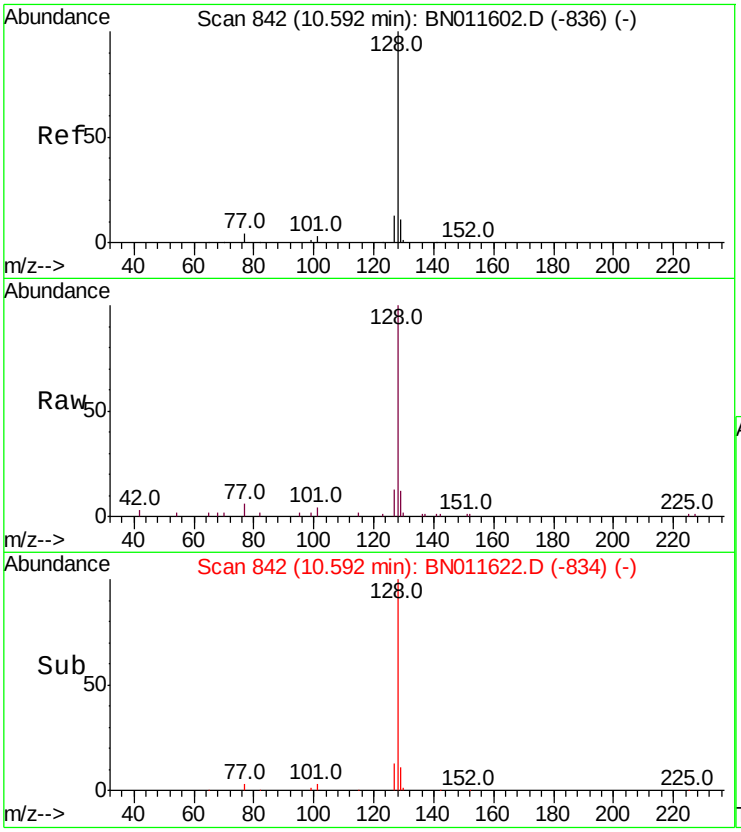


#8
Nitrobenzene-d5
Concen: 0.425 ng
RT: 8.89 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion: 82 Resp: 3101

Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.1	46.7
54	55.5	37.1	55.7



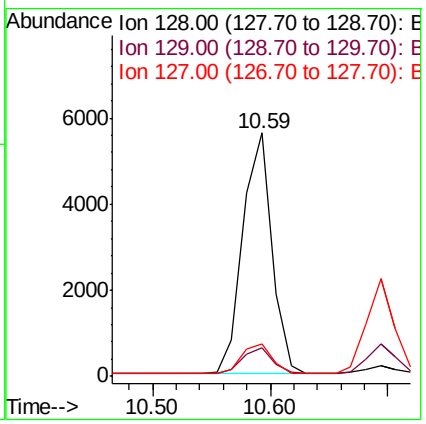


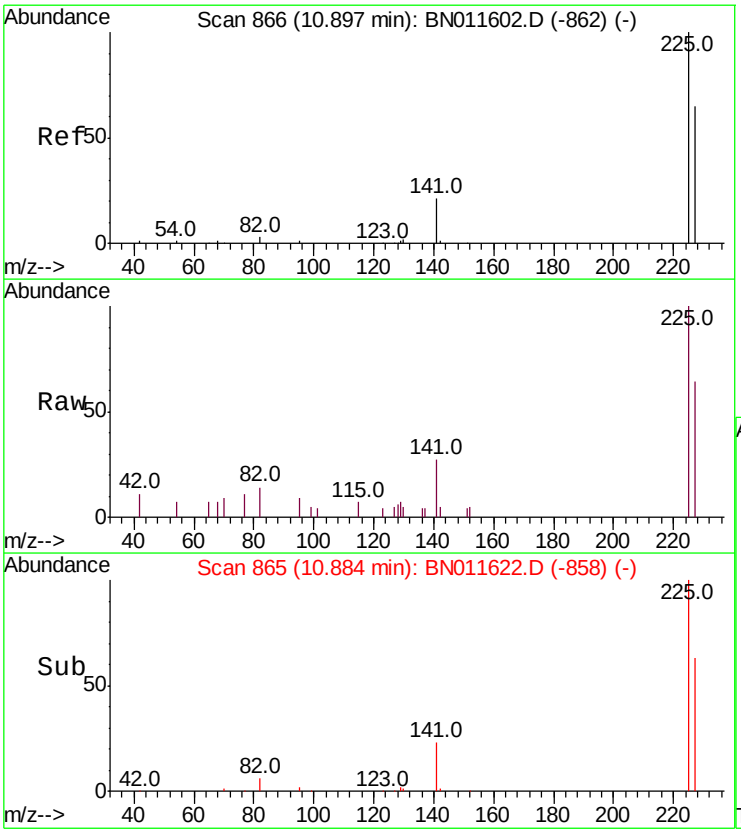
#9
Naphthalene
Concen: 0.399 ng
RT: 10.59 min Scan# 842
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:128 Resp: 9561

Ion	Ratio	Lower	Upper
128	100		
129	12.0	11.0	16.4
127	13.5	13.5	20.3#

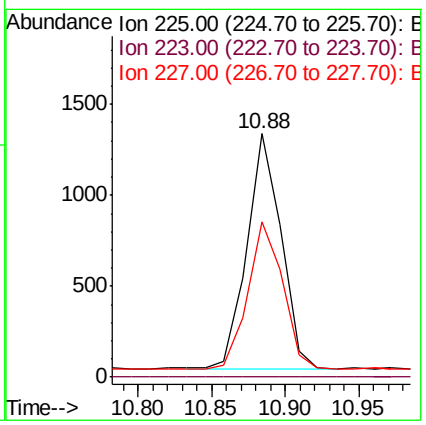


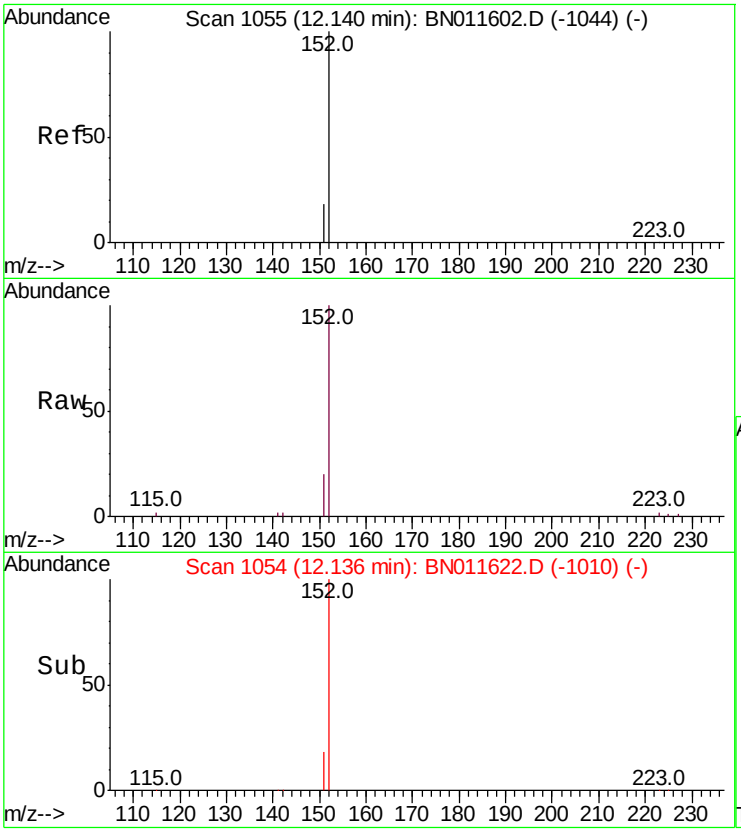


#10
Hexachlorobutadiene
Concen: 0.413 ng
RT: 10.88 min Scan# 865
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:225 Resp: 2072

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.2	75.2



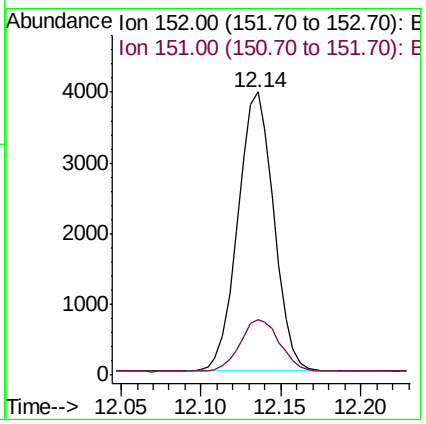


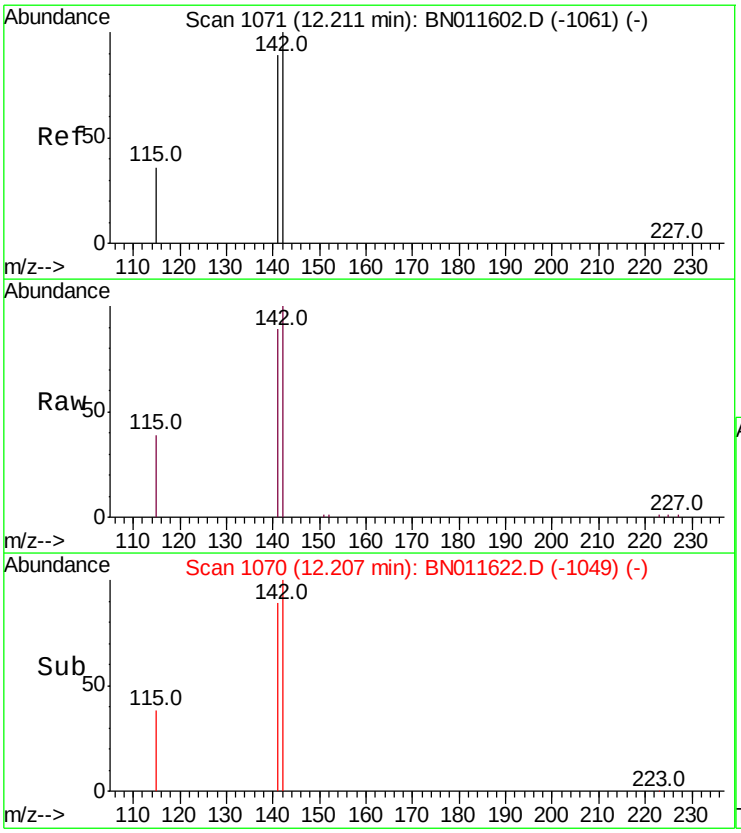
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.14 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:152 Resp: 6187

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6

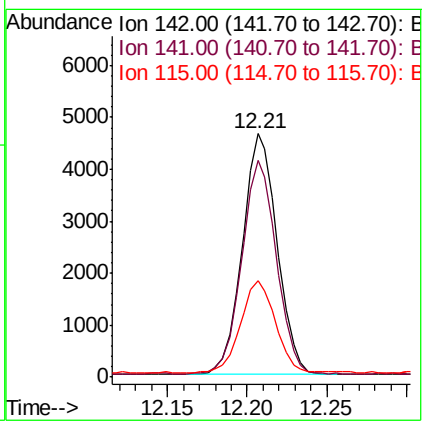


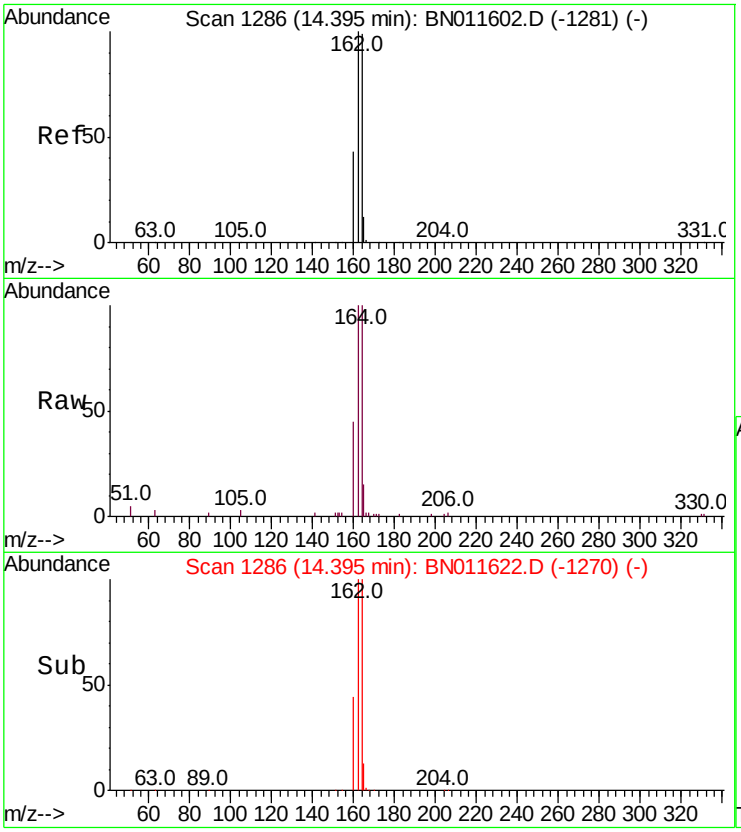


#12
2-Methylnaphthalene
Concen: 0.394 ng
RT: 12.21 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:142 Resp: 6960

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.7	109.1
115	39.4	32.7	49.1



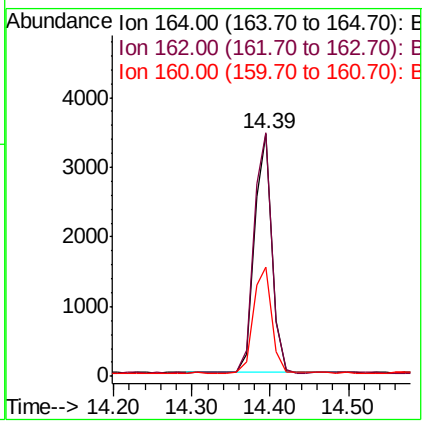


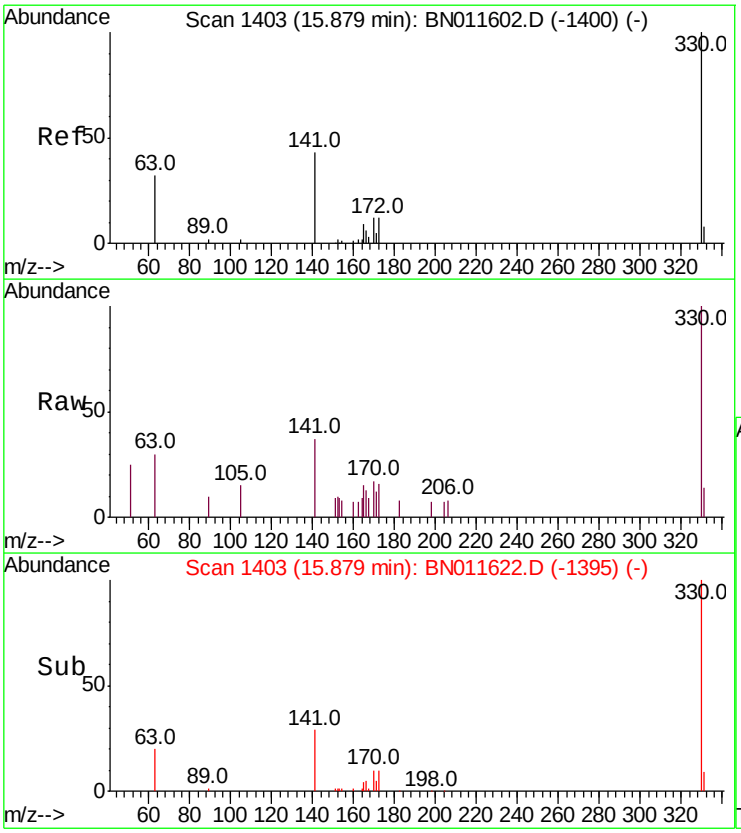
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.39 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:164 Resp: 5336

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.8	121.2
160	44.9	35.6	53.4

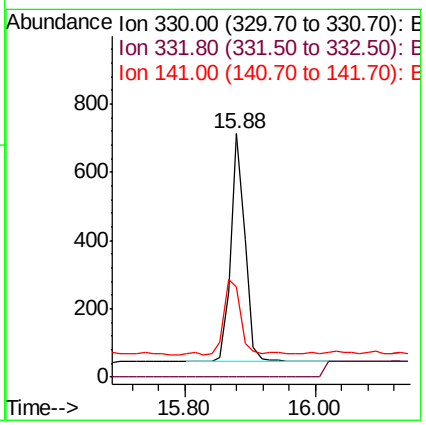


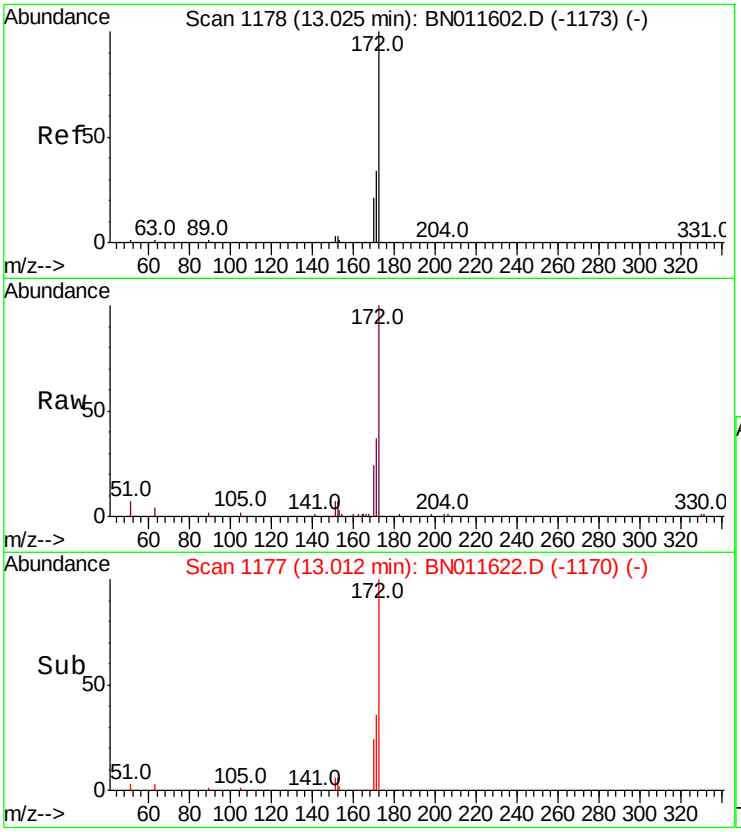


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.88 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:330 Resp: 991

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.0	29.4	44.2



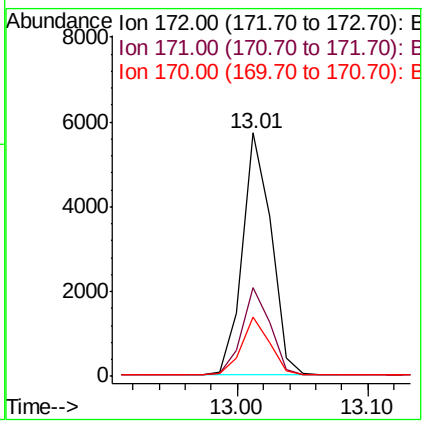


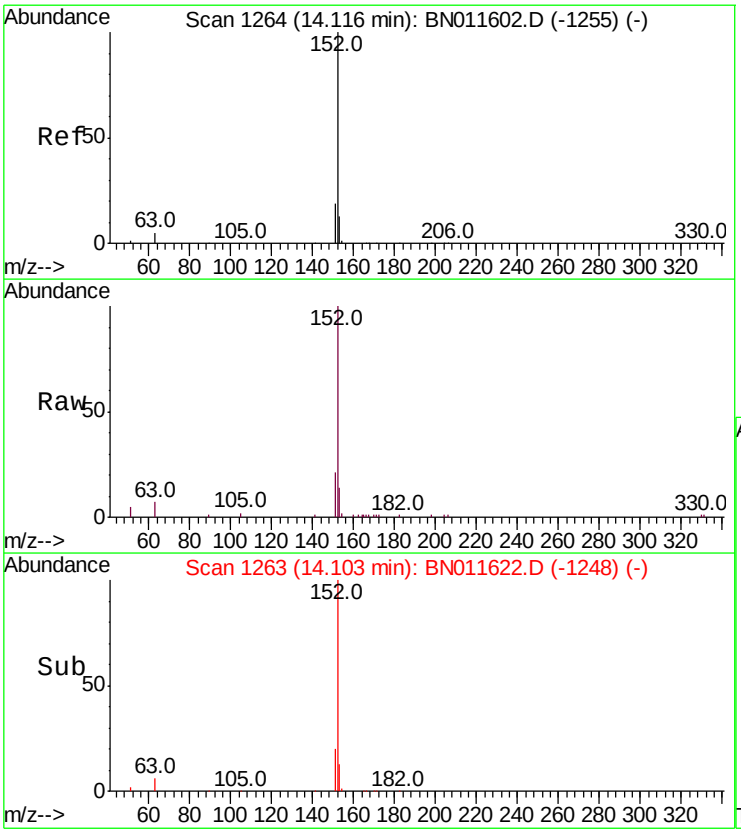
#15
2-Fluorobiphenyl
Concen: 0.415 ng
RT: 13.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:172 Resp: 8628

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	24.3	18.2	27.2

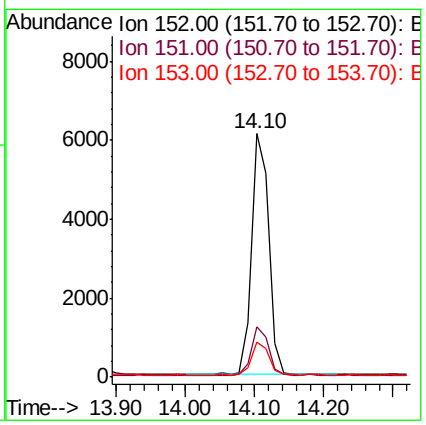


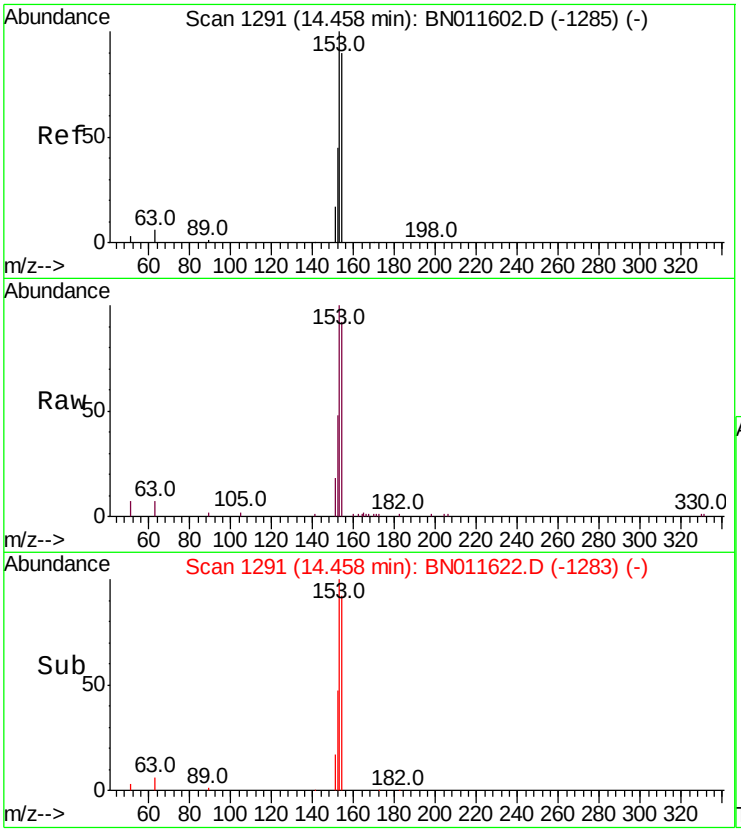


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.10 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:152 Resp: 10345

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.3	11.0	16.4



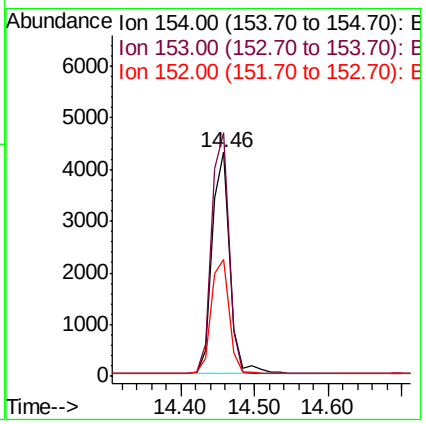


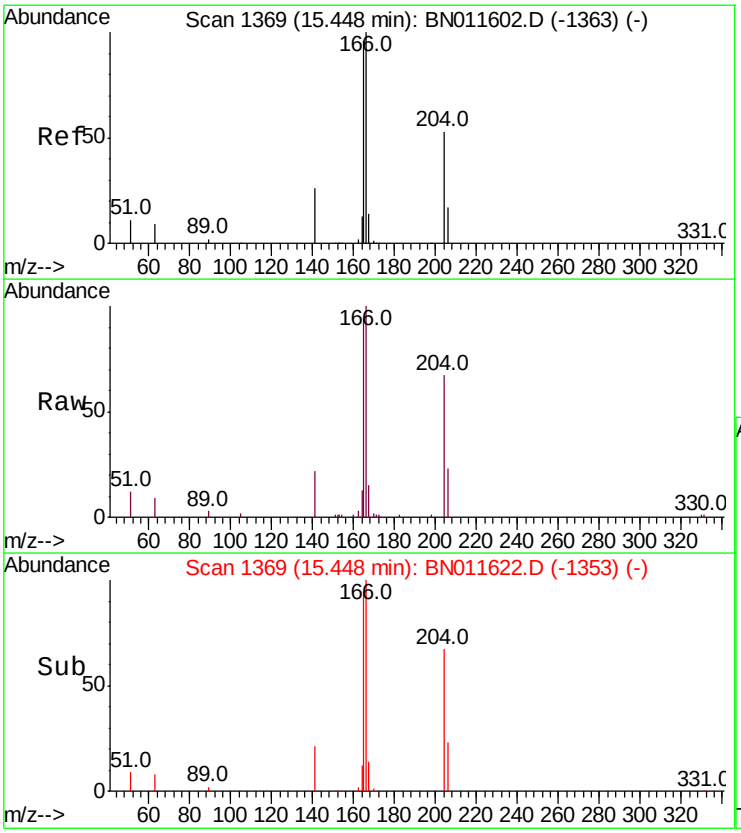
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.46 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:154 Resp: 7122

Ion	Ratio	Lower	Upper
154	100		
153	107.6	86.6	130.0
152	52.3	40.1	60.1

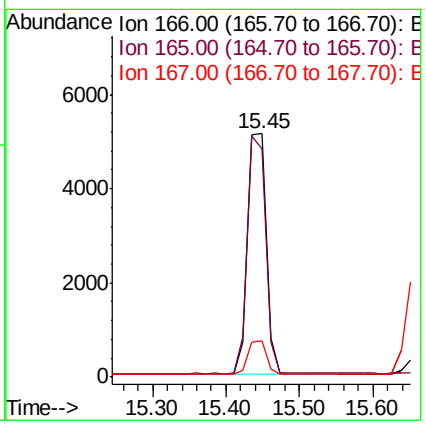


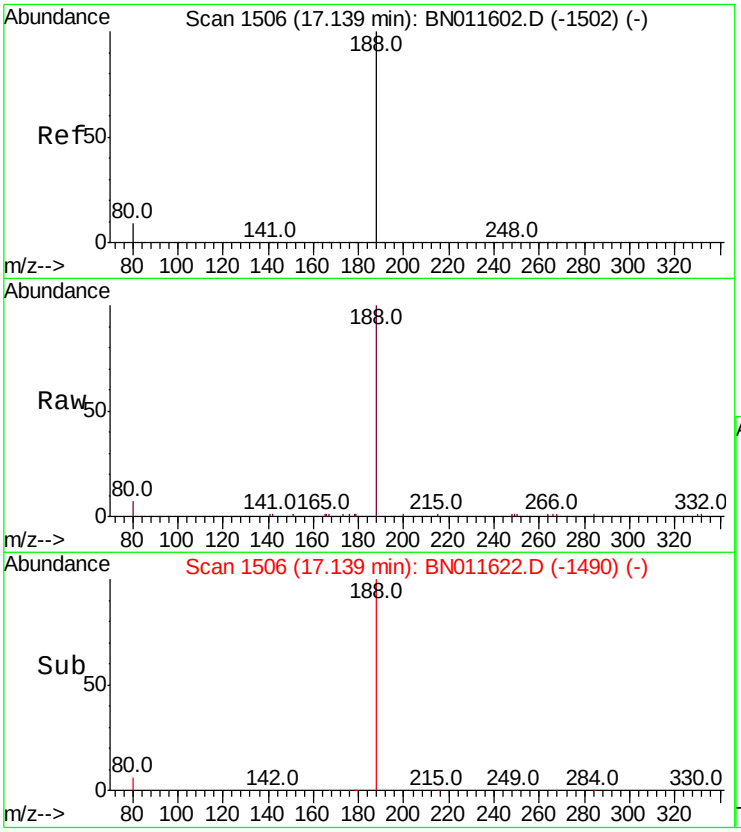


#18
Fluorene
Concen: 0.387 ng
RT: 15.45 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:166 Resp: 8940

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.2
167	13.6	11.5	17.3



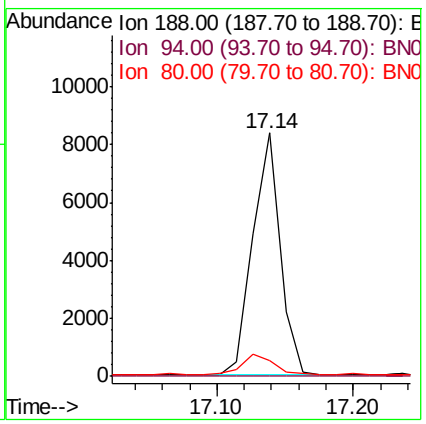


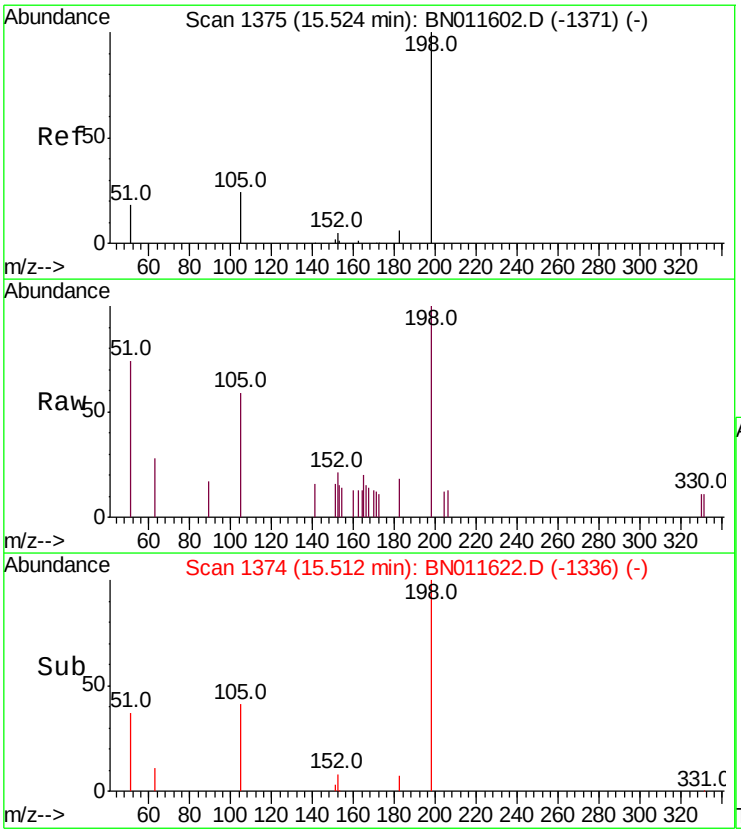
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.14 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:188 Resp: 11707

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	9.2	13.8#

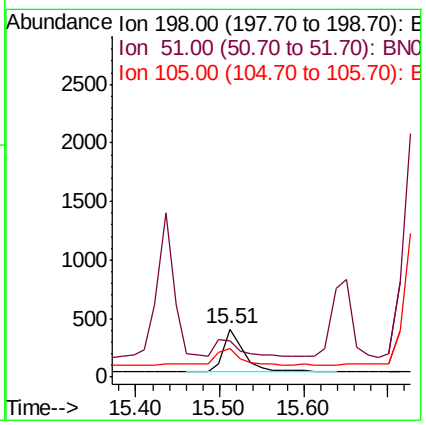


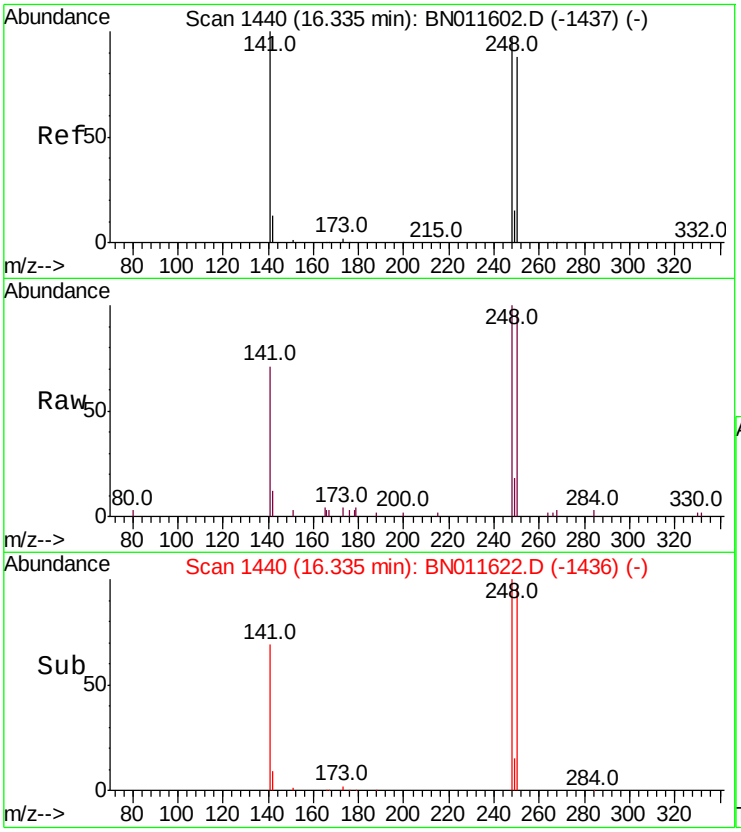


#20
4,6-Dinitro-2-methylphenol
Concen: 0.455 ng
RT: 15.51 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:198 Resp: 614

Ion	Ratio	Lower	Upper
198	100		
51	74.4	99.6	149.4#
105	58.5	118.8	178.2#



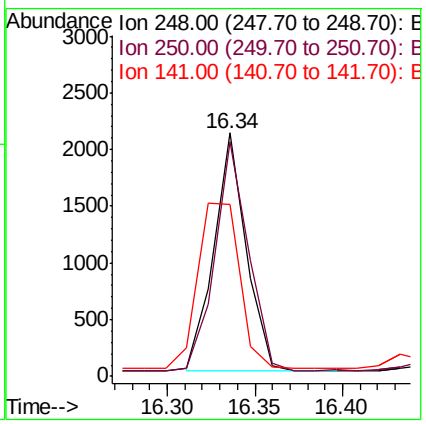


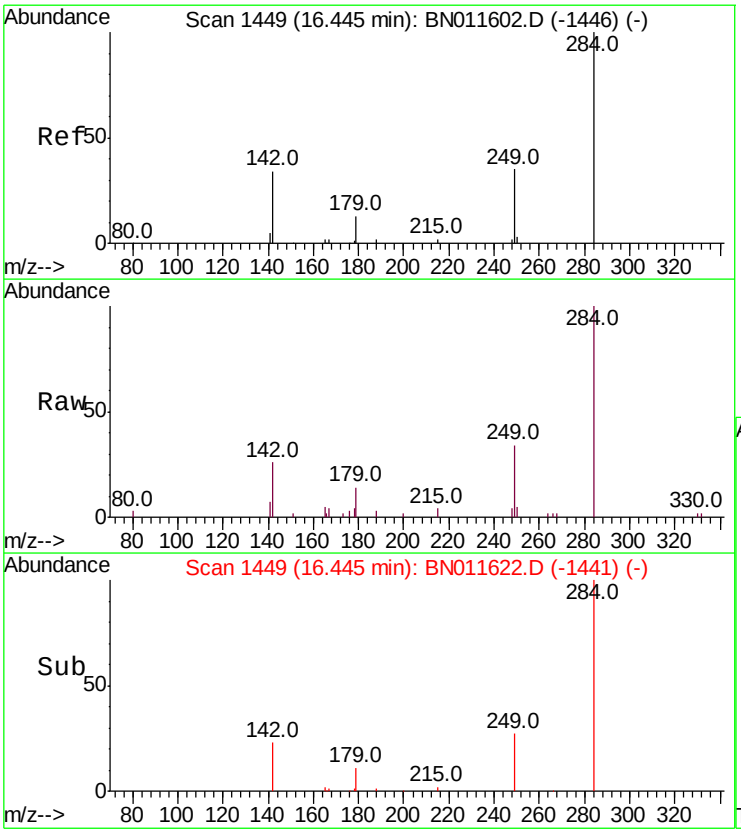
#21
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 16.34 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:248 Resp: 2689

Ion	Ratio	Lower	Upper
248	100		
250	96.3	73.4	110.2
141	70.7	88.5	132.7#

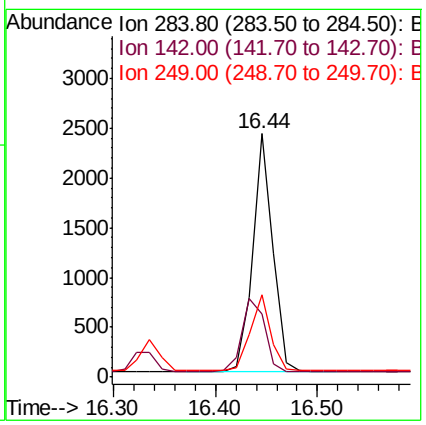


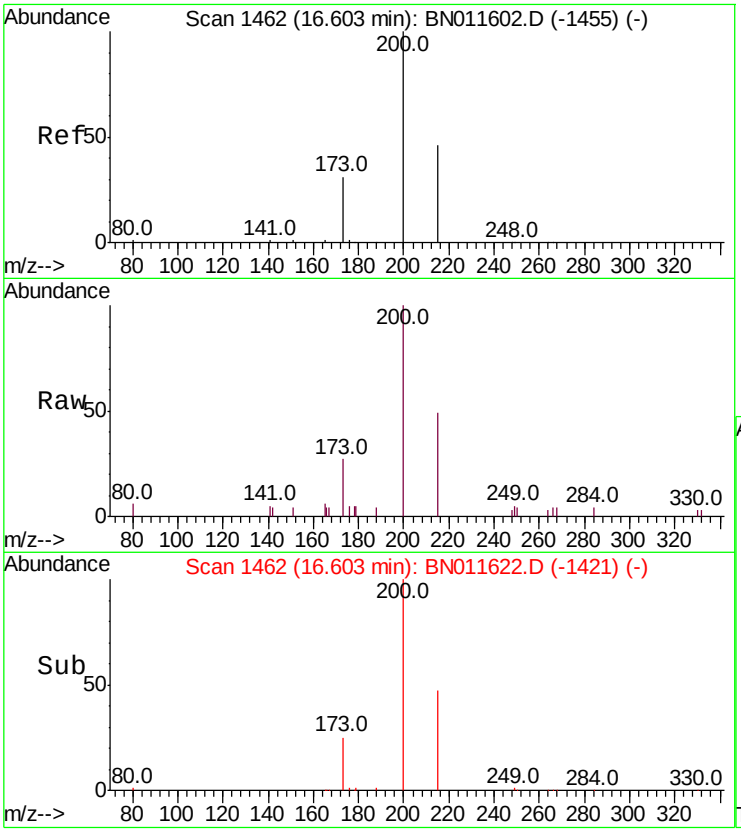


#22
Hexachlorobenzene
Concen: 0.416 ng
RT: 16.44 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:284 Resp: 3281

Ion	Ratio	Lower	Upper
284	100		
142	34.2	27.3	40.9
249	32.4	25.2	37.8



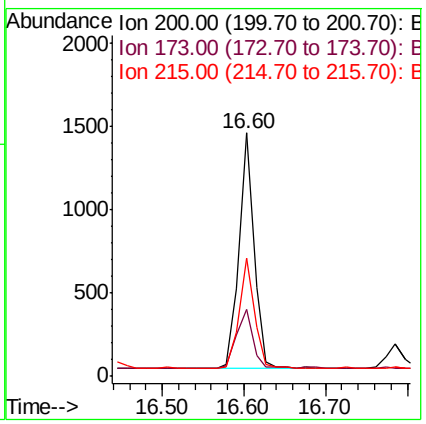


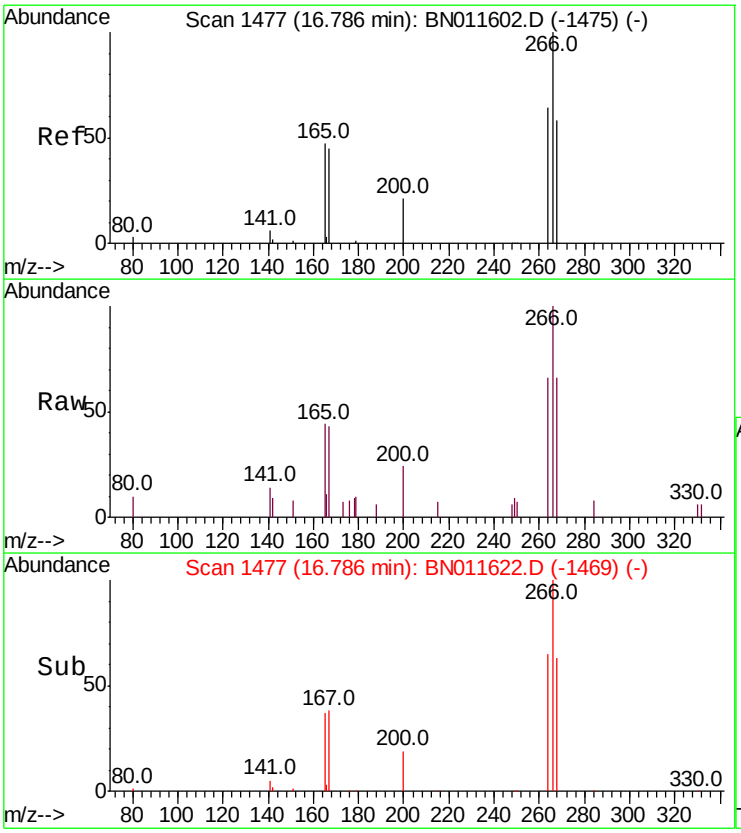
#23
Atrazine
Concen: 0.267 ng
RT: 16.60 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:200 Resp: 1804

Ion	Ratio	Lower	Upper
200	100		
173	27.5	28.2	42.4#
215	48.7	39.8	59.6

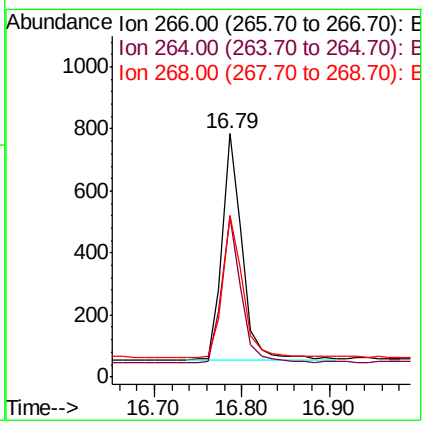


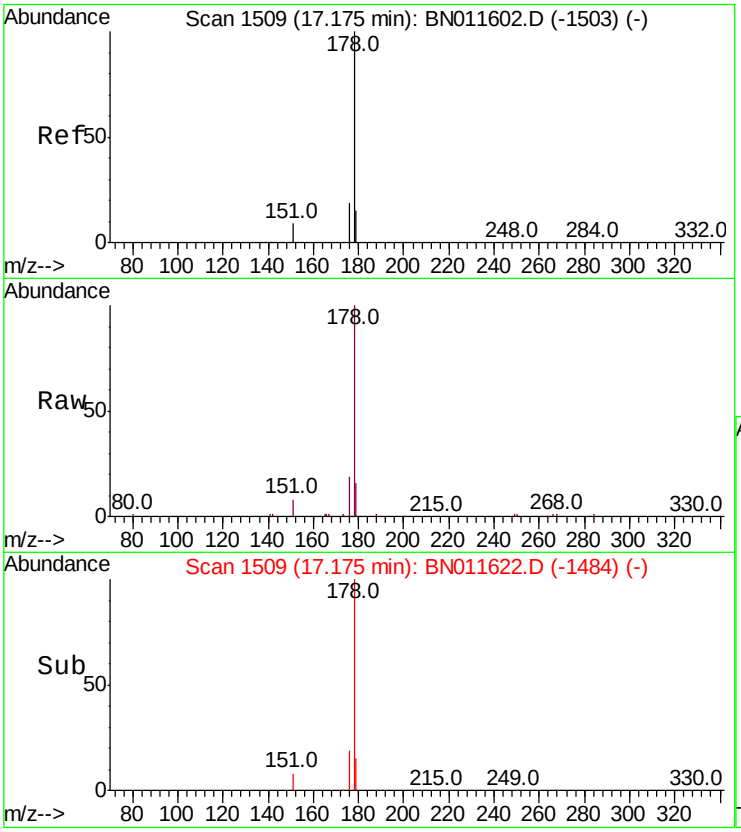


#24
Pentachlorophenol
Concen: 0.338 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:266 Resp: 1179

Ion	Ratio	Lower	Upper
266	100		
264	61.7	48.1	72.1
268	64.2	48.4	72.6



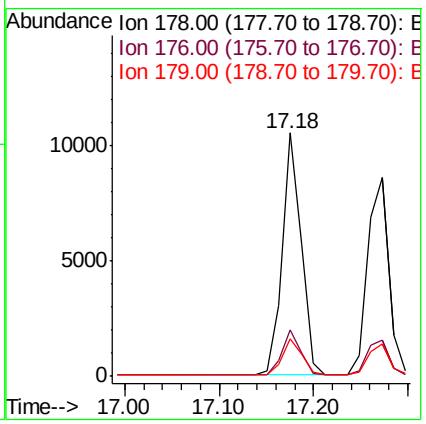


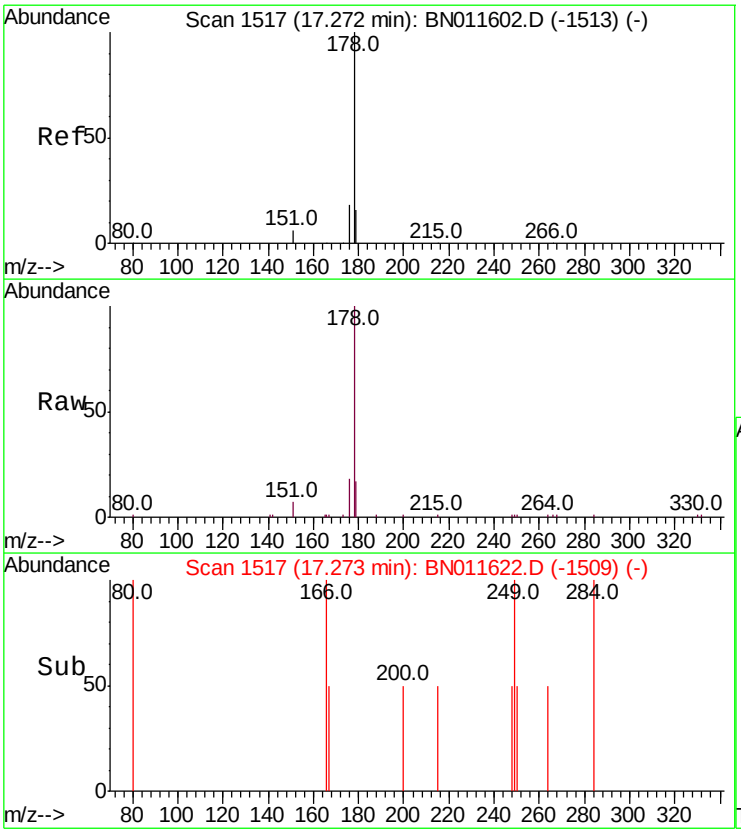
#25
Phenanthrene
Concen: 0.400 ng
RT: 17.18 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:178 Resp: 14555

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.6	18.8

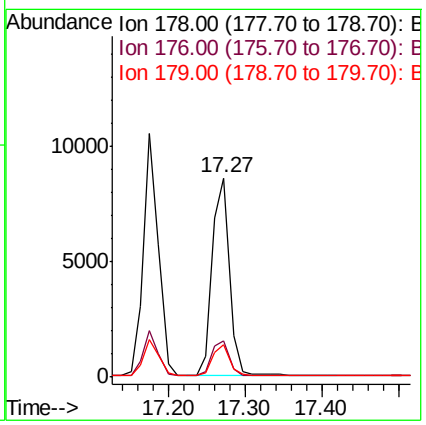


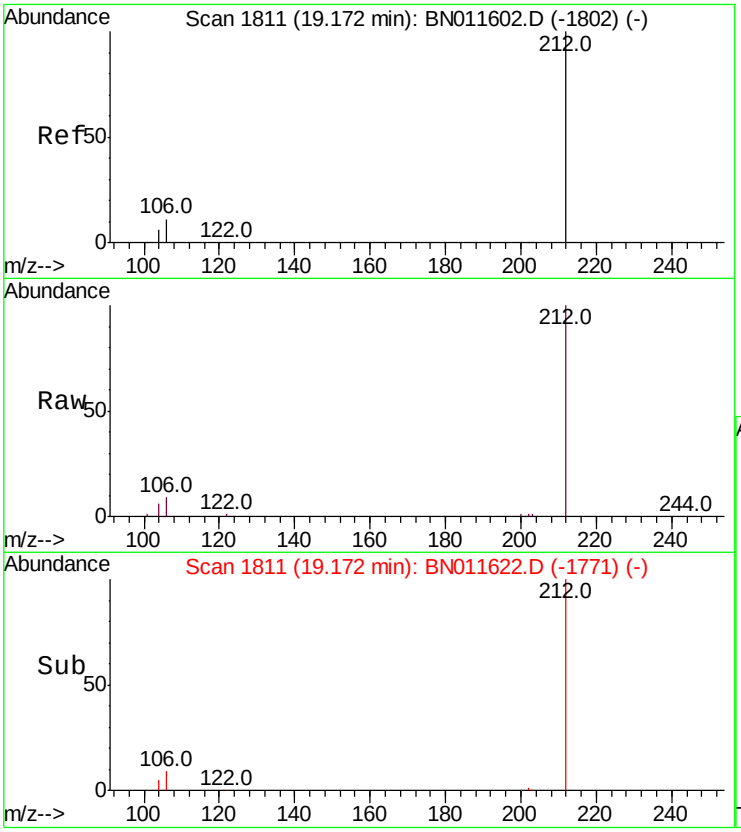


#26
Anthracene
Concen: 0.374 ng
RT: 17.27 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:178 Resp: 13414

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.4	12.5	18.7



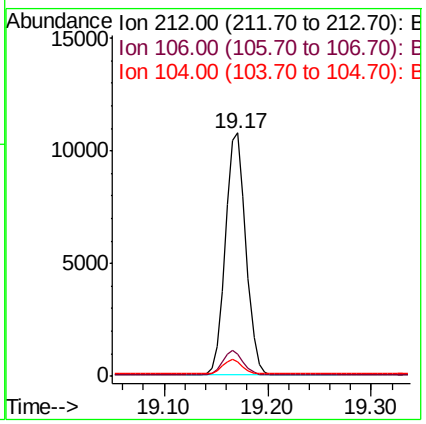


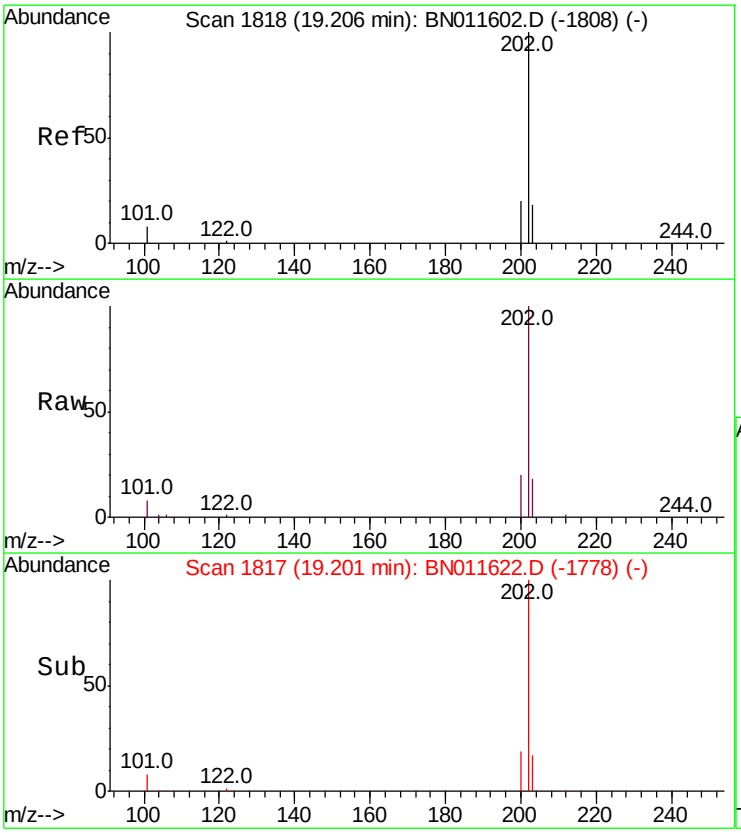
#27
Fluoranthene-d10
Concen: 0.381 ng
RT: 19.17 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:212 Resp: 14526

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.9	13.3
104	6.0	5.3	7.9

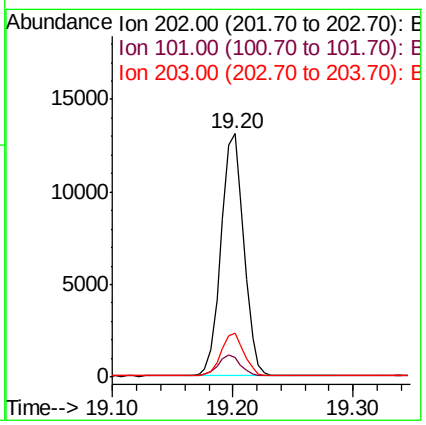


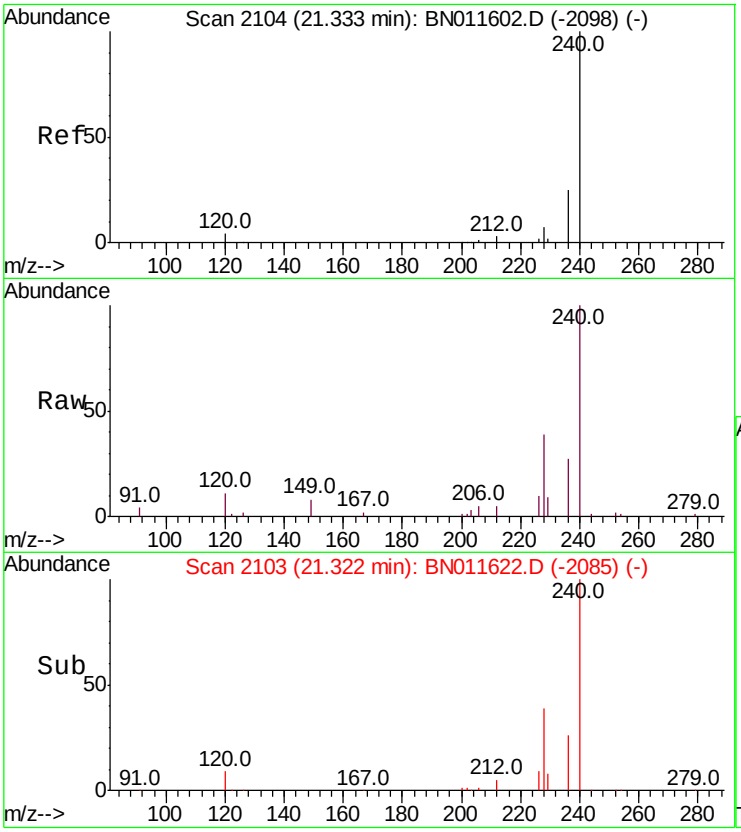


#28
Fluoranthene
Concen: 0.391 ng
RT: 19.20 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:202 Resp: 17223

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.7	11.5
203	17.4	13.9	20.9



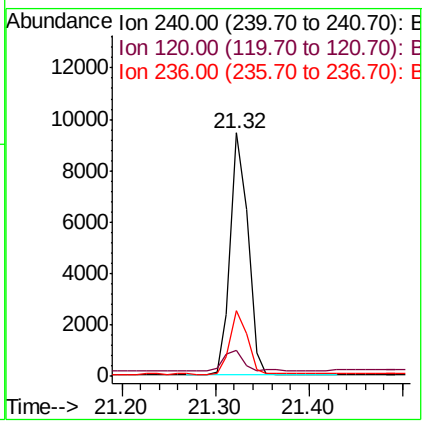


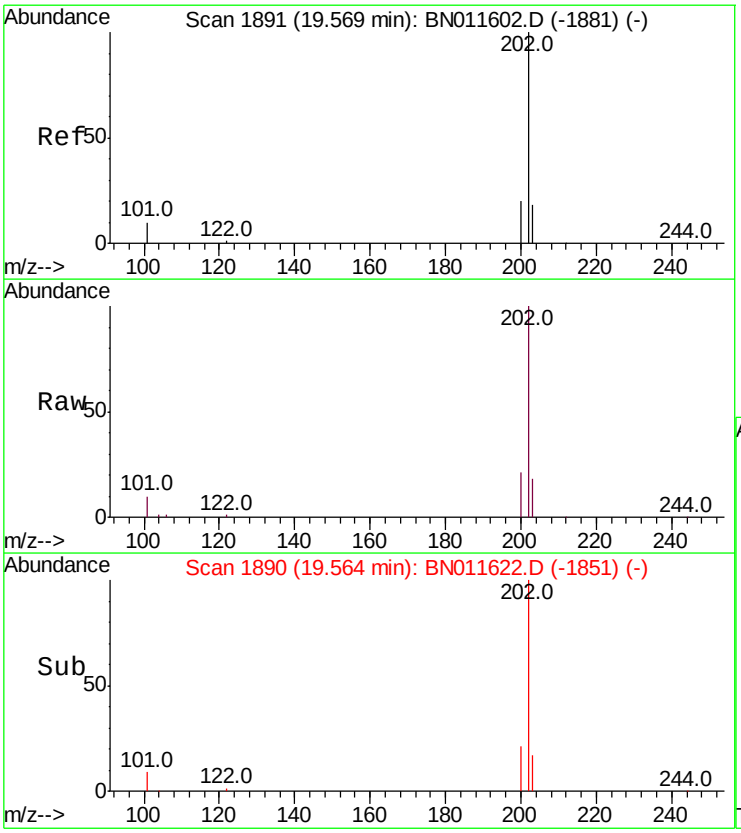
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.32 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:240 Resp: 12297

Ion	Ratio	Lower	Upper
240	100		
120	10.8	6.0	9.0#
236	27.2	20.8	31.2

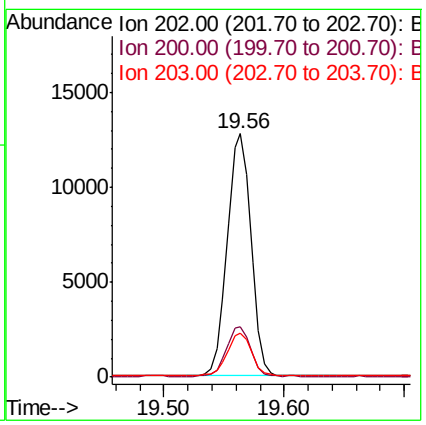


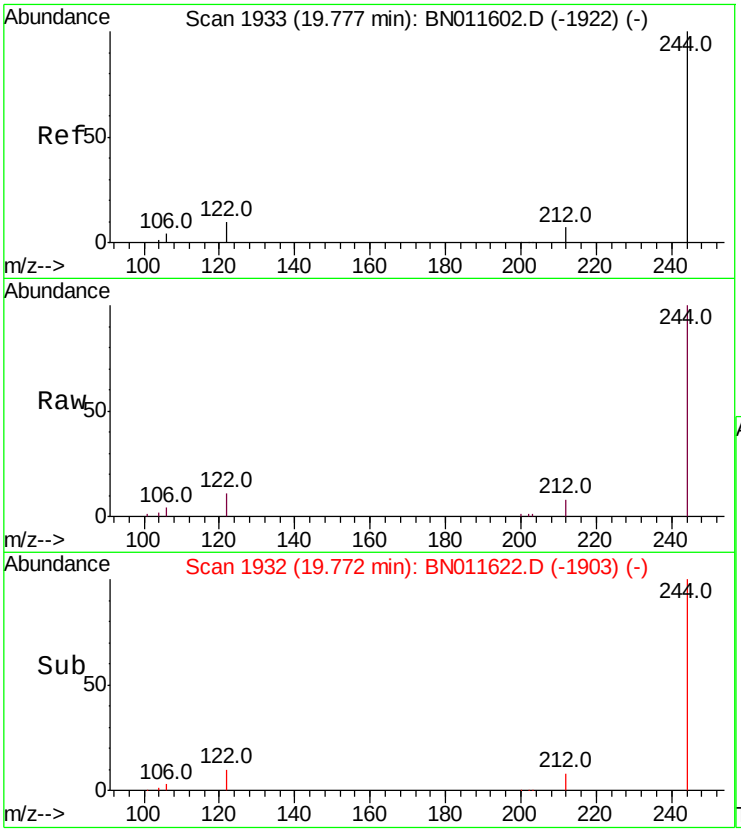


#30
Pyrene
Concen: 0.402 ng
RT: 19.56 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:202 Resp: 17526

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.6	14.2	21.4



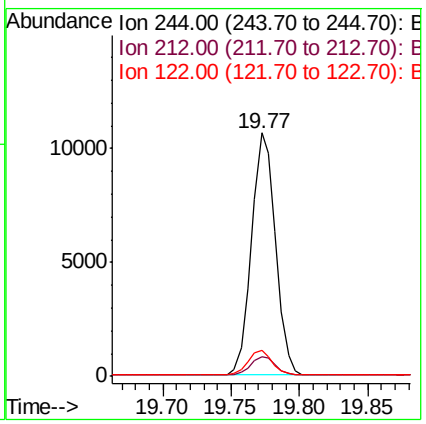


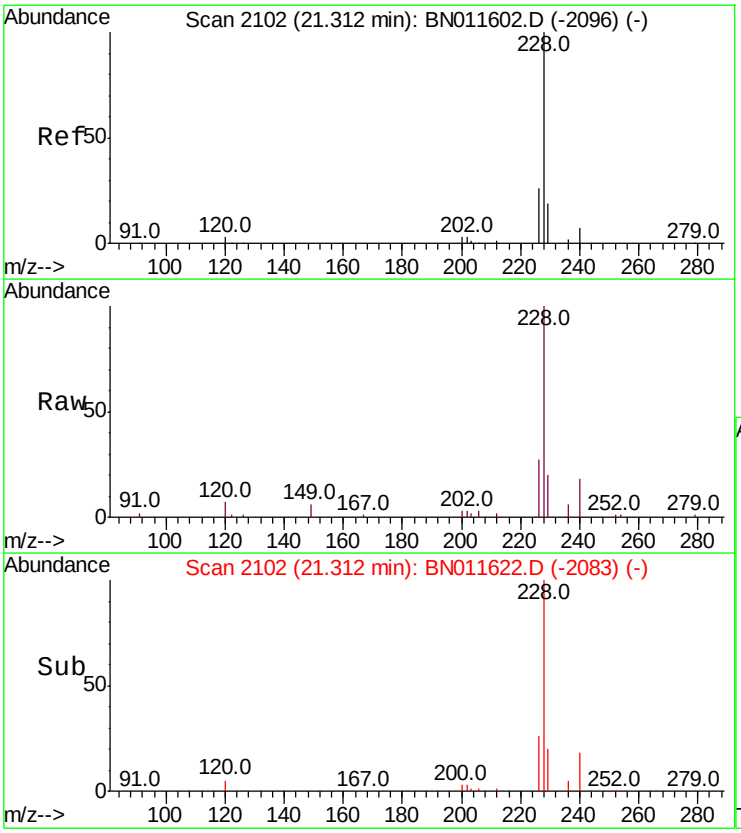
#31
Terphenyl-d14
Concen: 0.414 ng
RT: 19.77 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:244 Resp: 12995

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.5	9.5	14.3

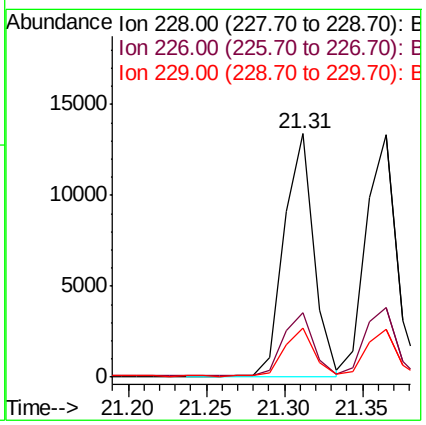


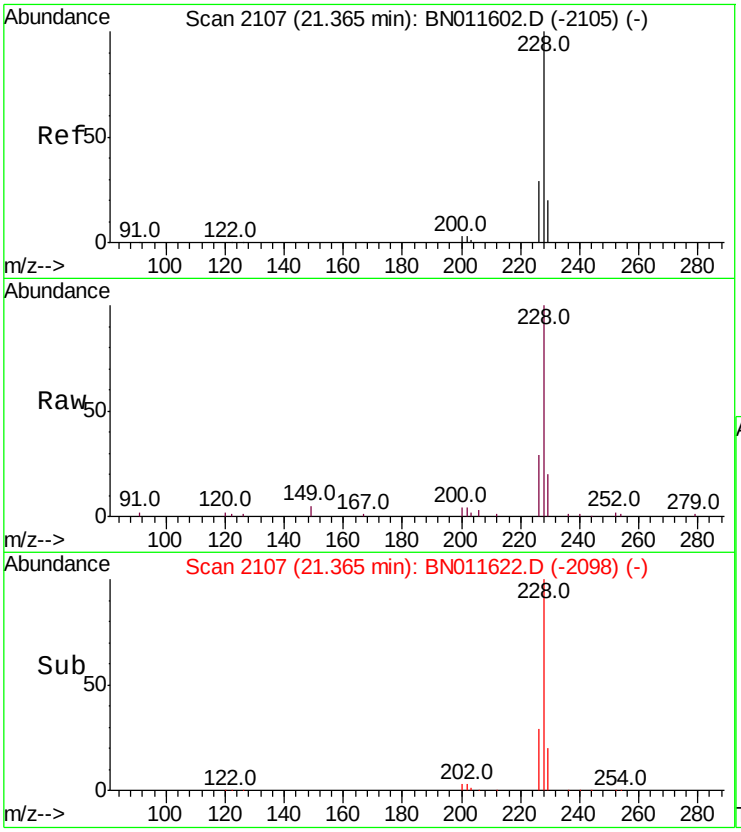


#32
Benzo(a)anthracene
Concen: 0.395 ng
RT: 21.31 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:228 Resp: 17502

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.2	31.8
229	20.0	15.8	23.8



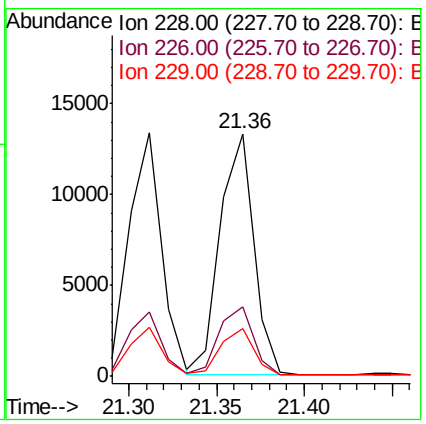


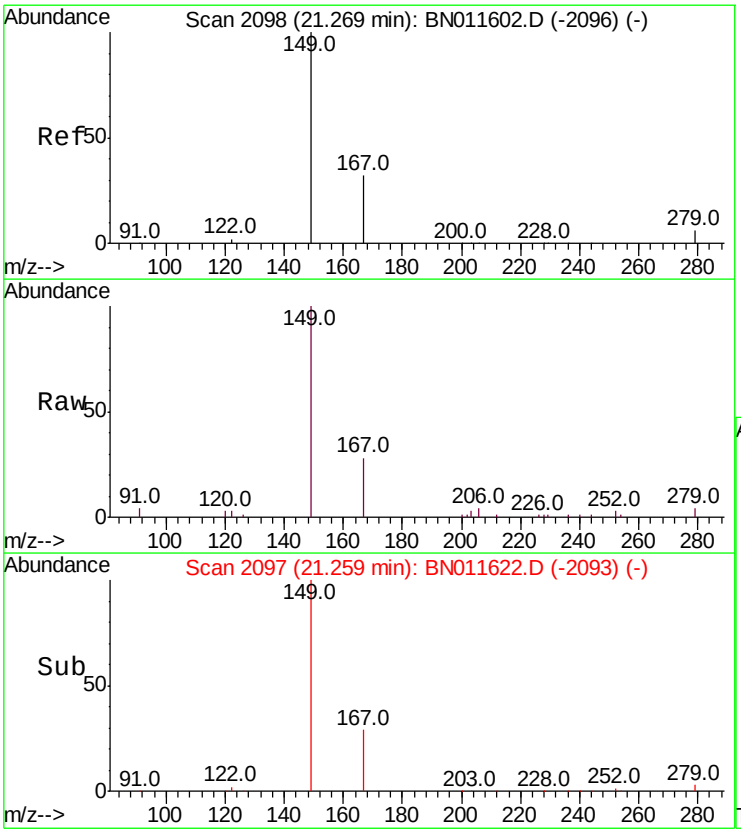
#33
Chrysene
Concen: 0.417 ng
RT: 21.36 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:228 Resp: 17630

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.6	35.4
229	19.9	16.0	24.0

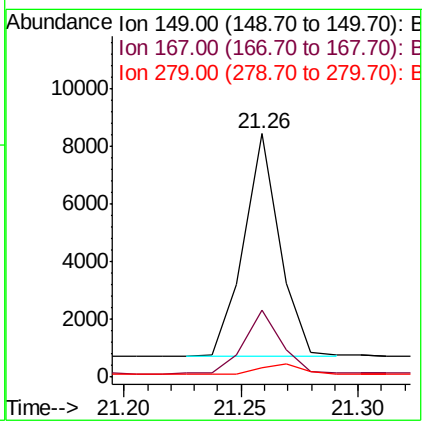


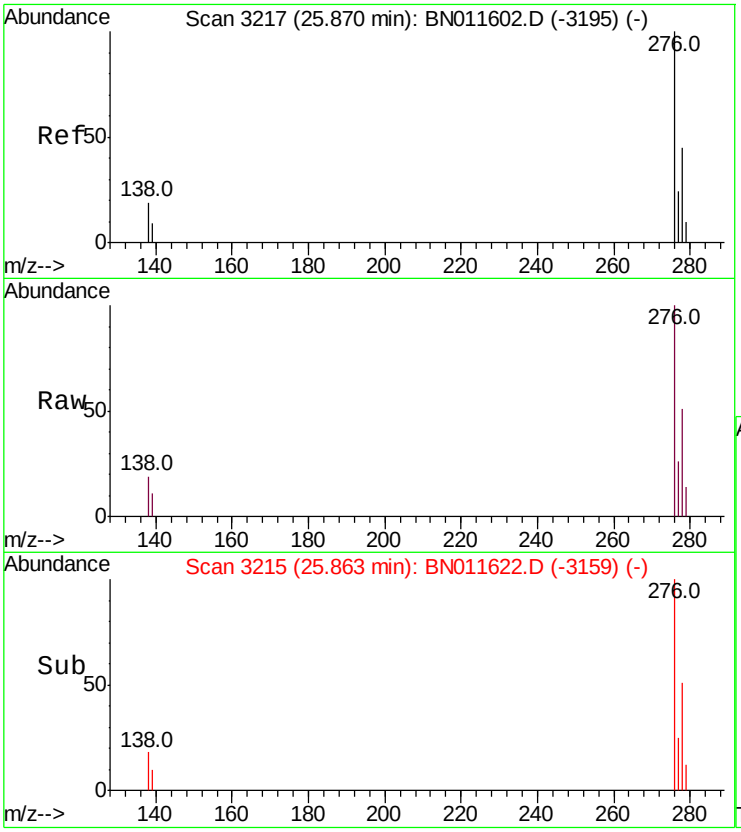


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.243 ng
RT: 21.26 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:149 Resp: 8260

Ion	Ratio	Lower	Upper
149	100		
167	28.9	20.6	31.0
279	5.0	3.8	5.8



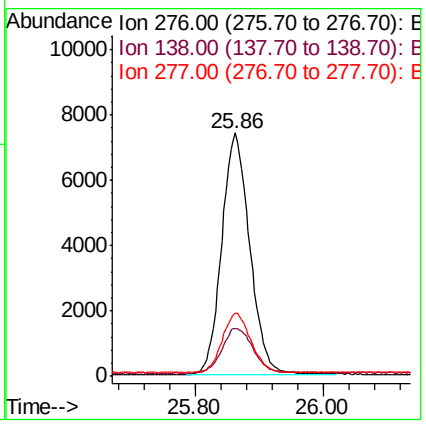


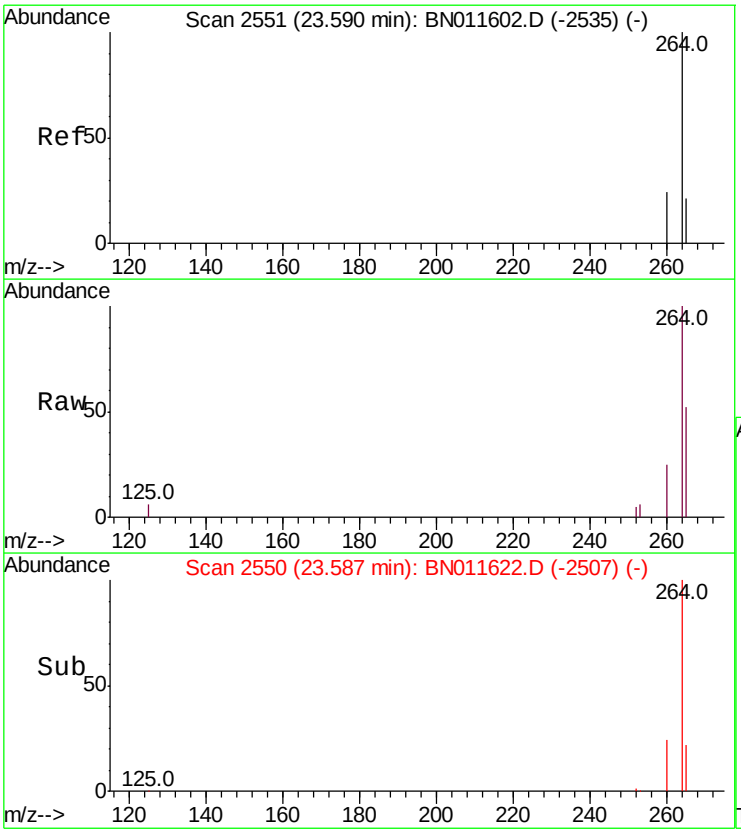
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng
RT: 25.86 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:276 Resp: 22426

Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.0	0.0#
277	25.4	0.0	0.0#

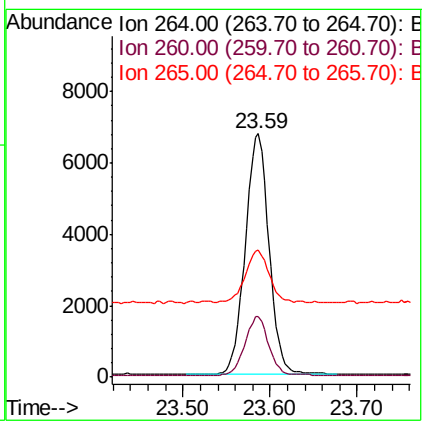


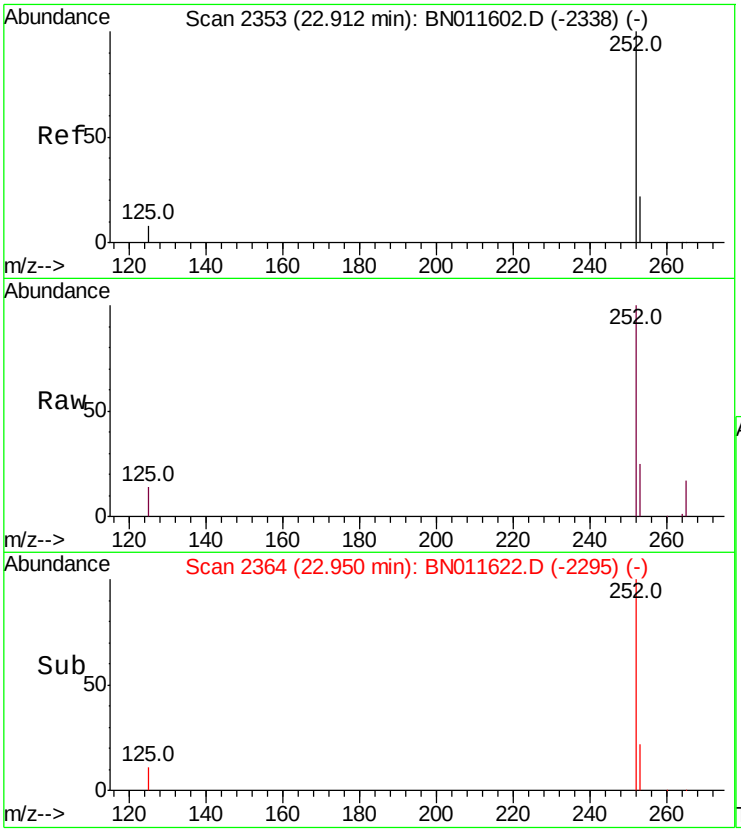


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.59 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:264 Resp: 12743

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.6	29.4
265	52.3	40.7	61.1



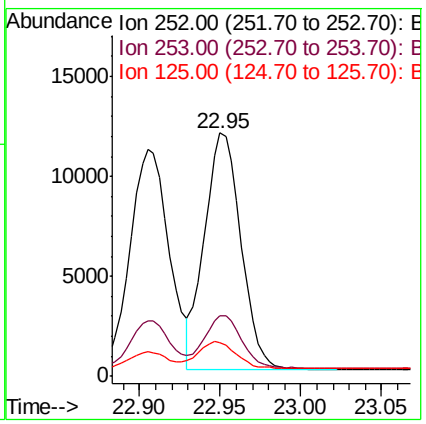


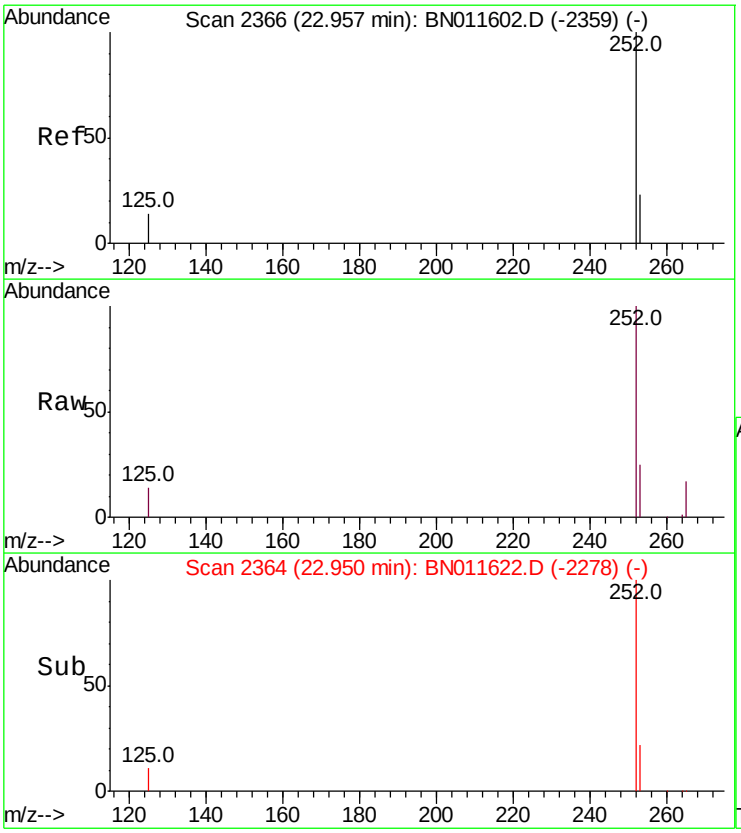
#37
Benzo(b)fluoranthene
Concen: 0.406 ng
RT: 22.95 min Scan# 2364
Delta R.T. 0.04 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:252 Resp: 18732

Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.0	31.6
125	13.7	11.0	16.6

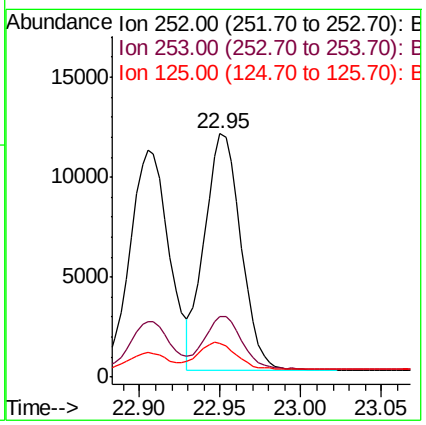


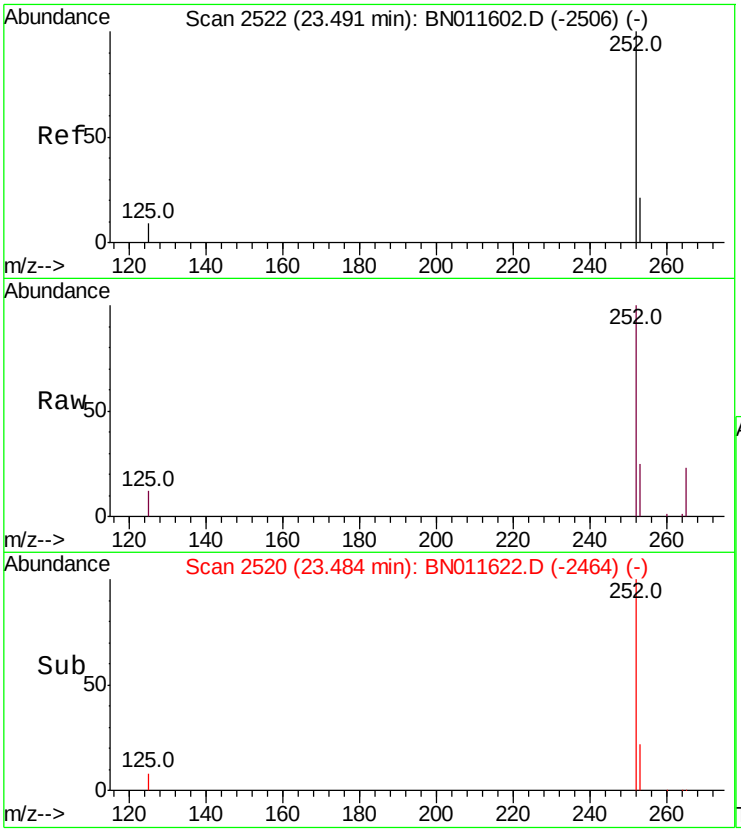


#38
Benzo(k)fluoranthene
Concen: 0.408 ng
RT: 22.95 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:252 Resp: 18732

Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.2	31.8
125	13.7	14.6	21.8#



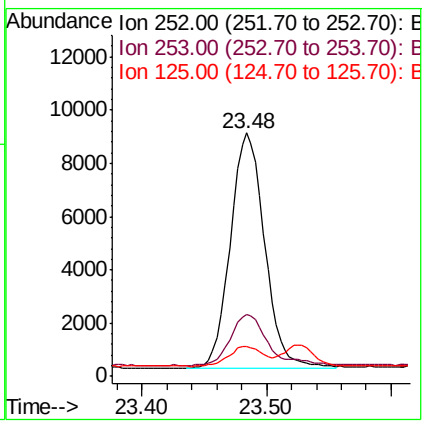


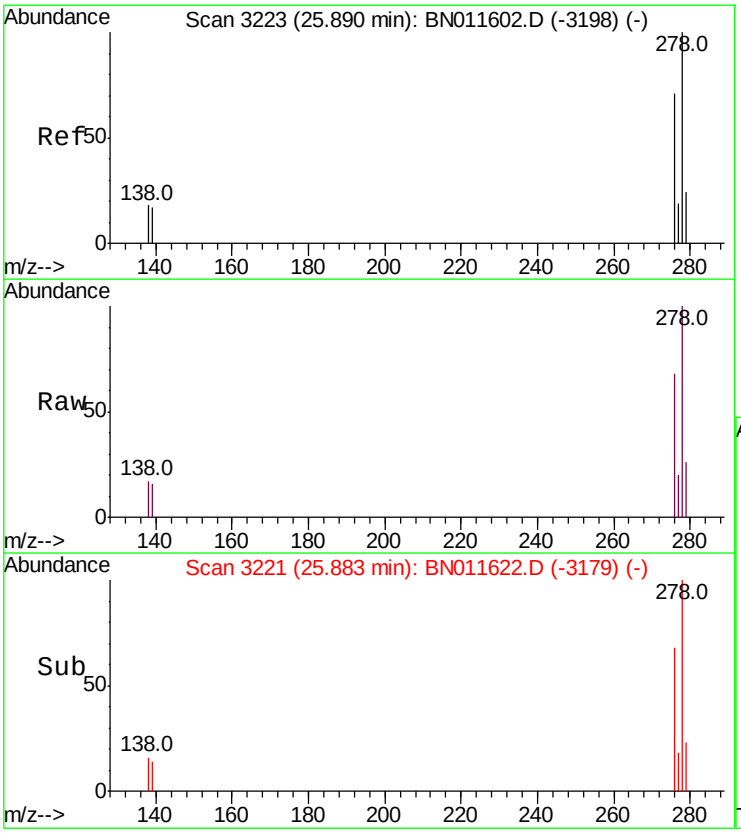
#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.48 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:252 Resp: 16840

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.2	31.8
125	12.2	12.1	18.1

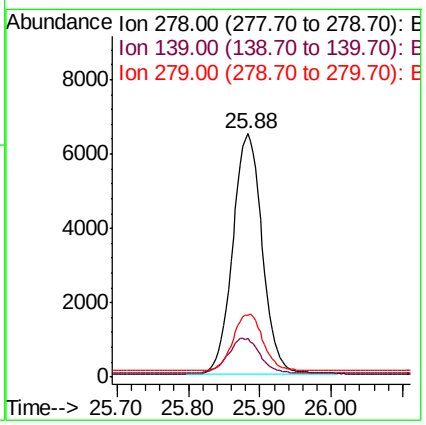


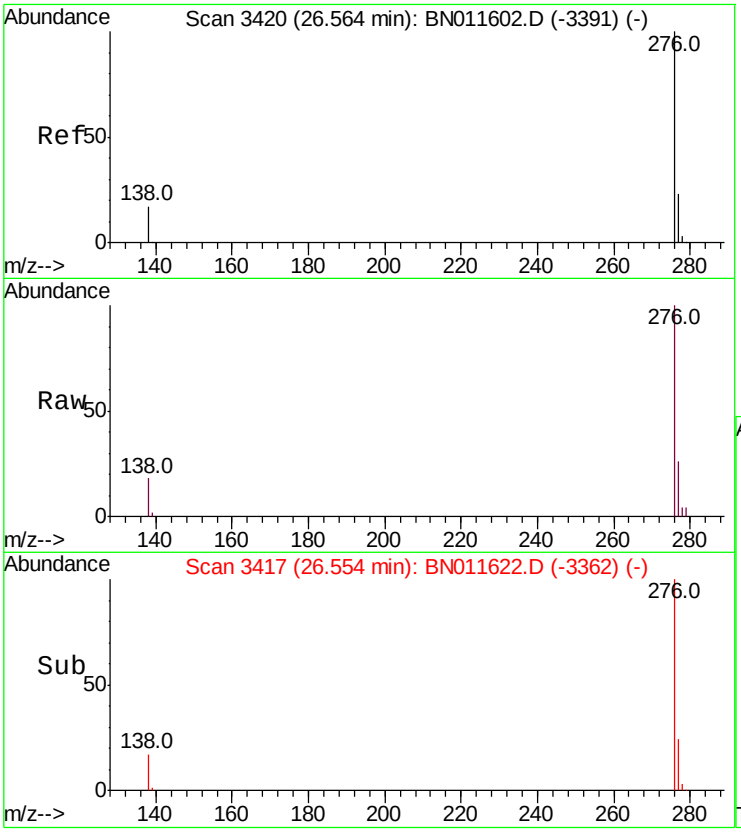


#40
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.88 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Tgt Ion:278 Resp: 18699

Ion	Ratio	Lower	Upper
278	100		
139	15.8	16.6	25.0#
279	25.5	21.4	32.2





#41
Benzo(g,h,i)perylene
Concen: 0.411 ng
RT: 26.55 min Scan# 3417
Delta R.T. -0.01 min
Lab File: BN011622.D
Acq: 25 Aug 2020 19:00

Instrument :
BNA_N
ClientSampleId :
PB131185BS

Tgt Ion:276 Resp: 17934

Ion	Ratio	Lower	Upper
276	100		
277	25.9	20.5	30.7
138	18.4	17.8	26.6