Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011571.D
Acq On : 22 Aug 2020 04:52
Operator : CG/JU
Sample : PB131047BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131047BSD

Quant Time: Aug 22 05:51:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1431	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	4783	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	2872	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	7179	0.40	ng		0.00
29) Chrysene-d12	21.01	240	7073	0.40	ng		0.00
36) Perylene-d12	23.10	264	6471	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1033	0.34	ng		0.00
5) Phenol-d6	6.62	99	1030	0.33	ng		0.00
8) Nitrobenzene-d5	8.55	82	995	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	11.74	152	2891	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.55	330	502	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.64	172	4696	0.40	ng		-0.01
27) Fluoranthene-d10	18.83	212	8034	0.33	ng		0.00
31) Terphenyl-d14	19.46	244	6130	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	809	0.414	ng	#	100
3) n-Nitrosodimethylamine	3.47	42	225	0.279	ng	#	92
6) bis(2-Chloroethyl)ether	6.87	93	959	0.318	ng		98
9) Naphthalene	10.19	128	5114	0.369	ng		98
10) Hexachlorobutadiene	10.48	225	1412	0.364	ng	#	100
12) 2-Methylnaphthalene	11.82	142	3292	0.345	ng		98
16) Acenaphthylene	13.75	152	5541	0.379	ng		100
17) Acenaphthene	14.09	154	3529	0.368	ng		100
18) Fluorene	15.09	166	4815	0.380	ng		99
20) 4,6-Dinitro-2-methylphenol	15.25	198	275	0.367	ng		94
21) 4-Bromophenyl-phenylether	16.02	248	529	0.337	ng		99
22) Hexachlorobenzene	16.10	284	2120	0.383	ng		97
23) Atrazine	16.30	200	997	0.267	ng		96
24) Pentachlorophenol	16.47	266	518	0.300	ng		97
25) Phenanthrene	16.83	178	7980	0.353	ng		99
26) Anthracene	16.93	178	6234	0.331	ng		99
28) Fluoranthene	18.86	202	9773	0.336	ng		99
30) Pyrene	19.23	202	9426	0.335	ng		100
32) Benzo(a)anthracene	20.99	228	8136	0.350	ng		99
33) Chrysene	21.05	228	9492	0.359	ng		99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3486	0.331	ng		99
35) Indeno(1,2,3-cd)pyrene	25.13	276	8737	0.364	ng		99
37) Benzo(b)fluoranthene	22.53	252	10892	0.455	ng		94
38) Benzo(k)fluoranthene	22.53	252	11362	0.399	ng		94
39) Benzo(a)pyrene	23.01	252	7878	0.356	ng	#	88
40) Dibenzo(a,h)anthracene	25.15	278	6635	0.358	ng		90
41) Benzo(g,h,i)perylene	25.75	276	7599	0.344	ng		96

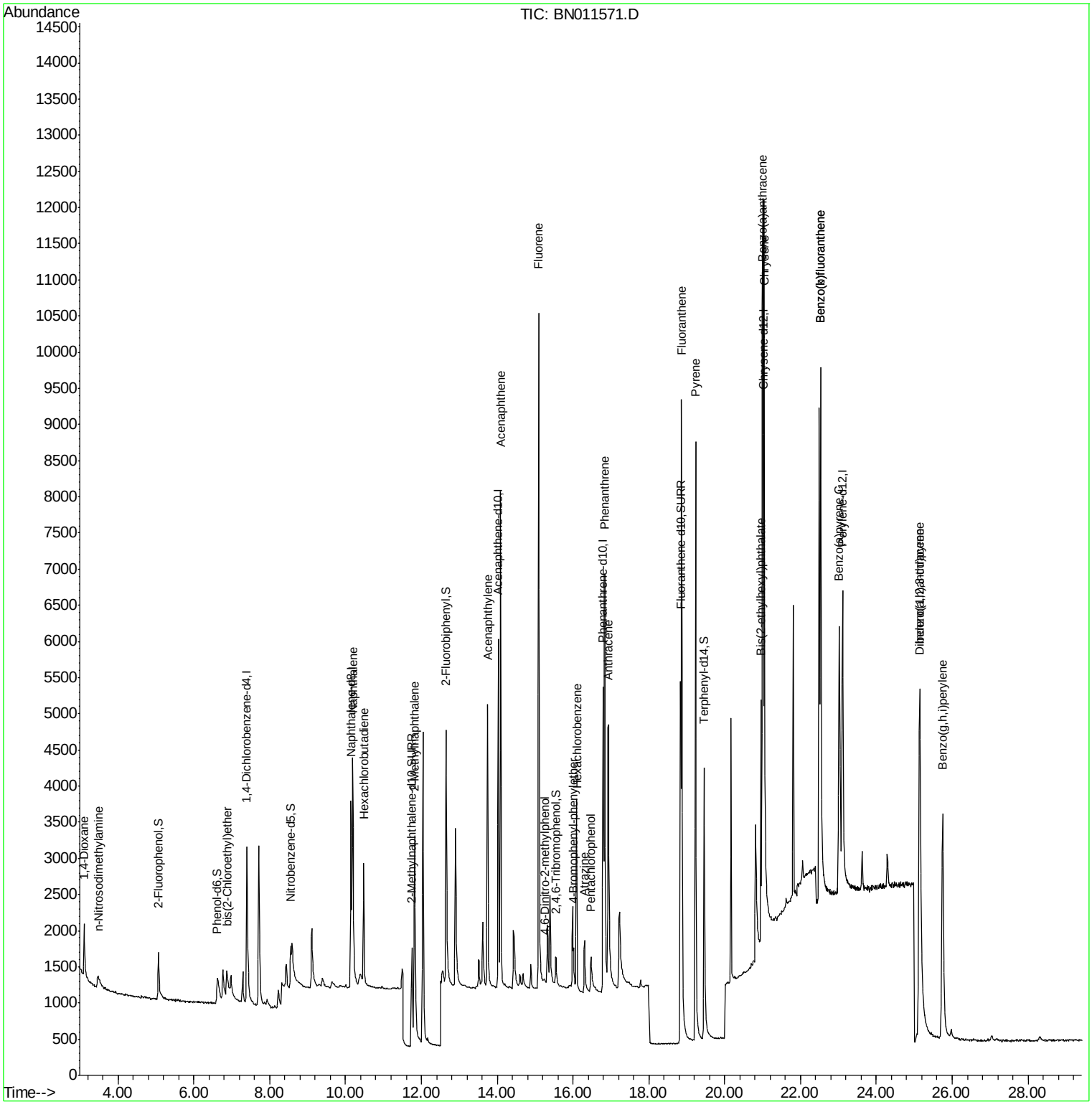
(#) = qualifier out of range (m) = manual integration (+) = signals summed

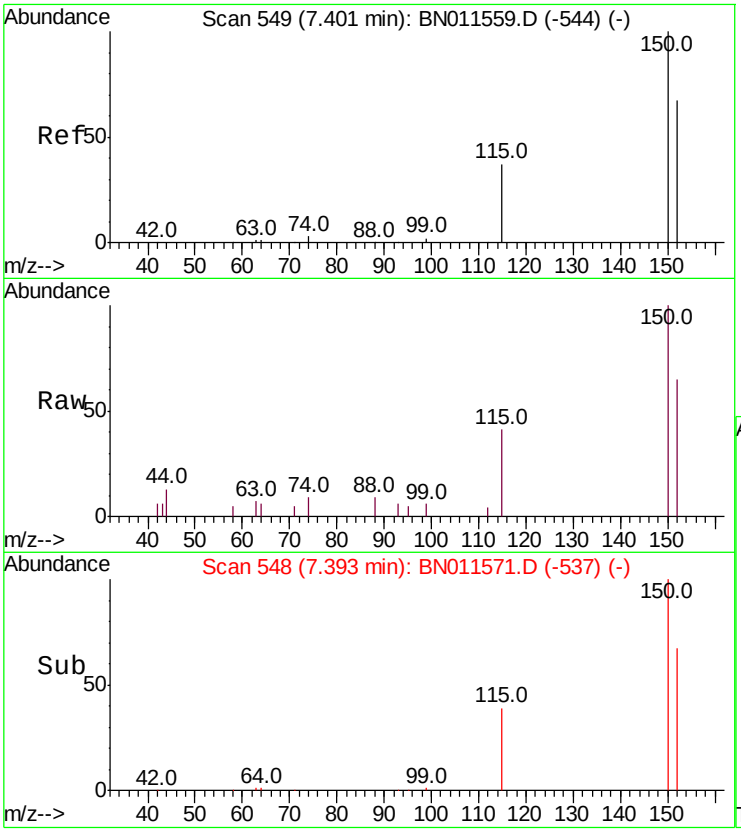
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011571.D
Acq On : 22 Aug 2020 04:52
Operator : CG/JU
Sample : PB131047BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Quant Time: Aug 22 05:51:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration



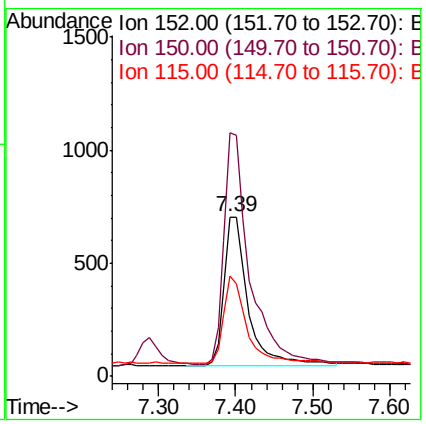


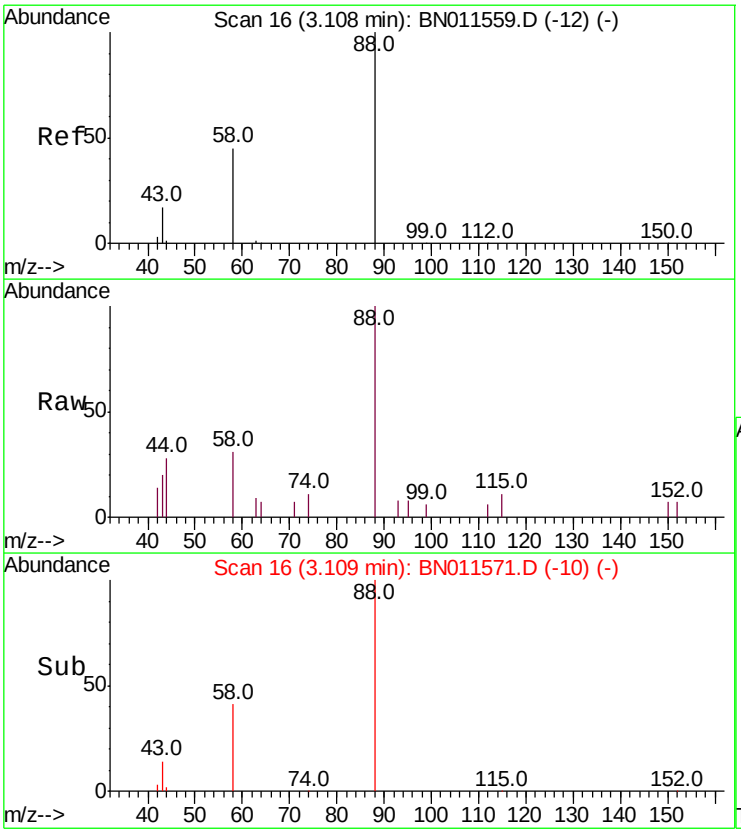
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 548
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:152 Resp: 1431

Ion	Ratio	Lower	Upper
152	100		
150	152.8	117.1	175.7
115	63.0	48.7	73.1

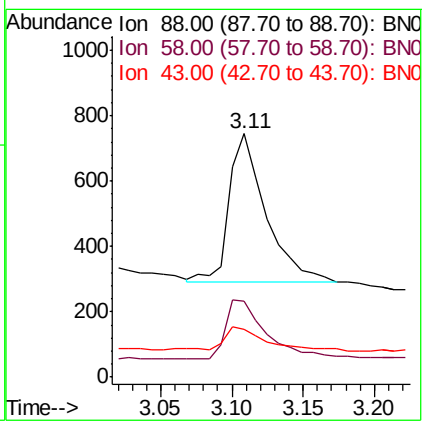


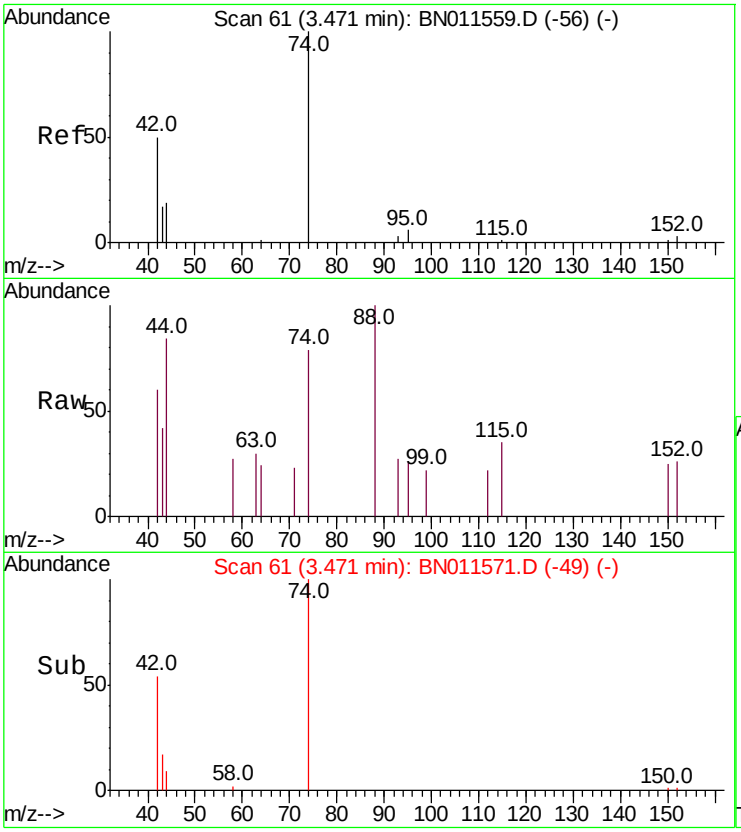


#2
1,4-Dioxane
Concen: 0.414 ng
RT: 3.11 min Scan# 16
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion: 88 Resp: 809

Ion	Ratio	Lower	Upper
88	100		
58	42.4	0.0	0.0#
43	14.3	0.0	0.0#



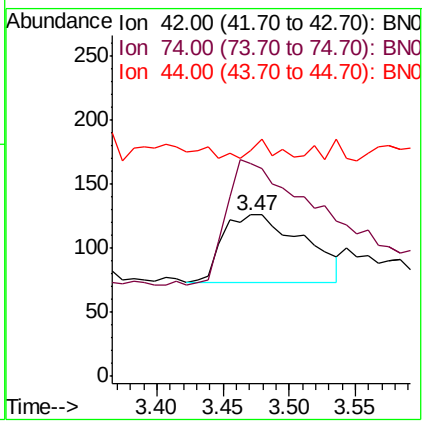


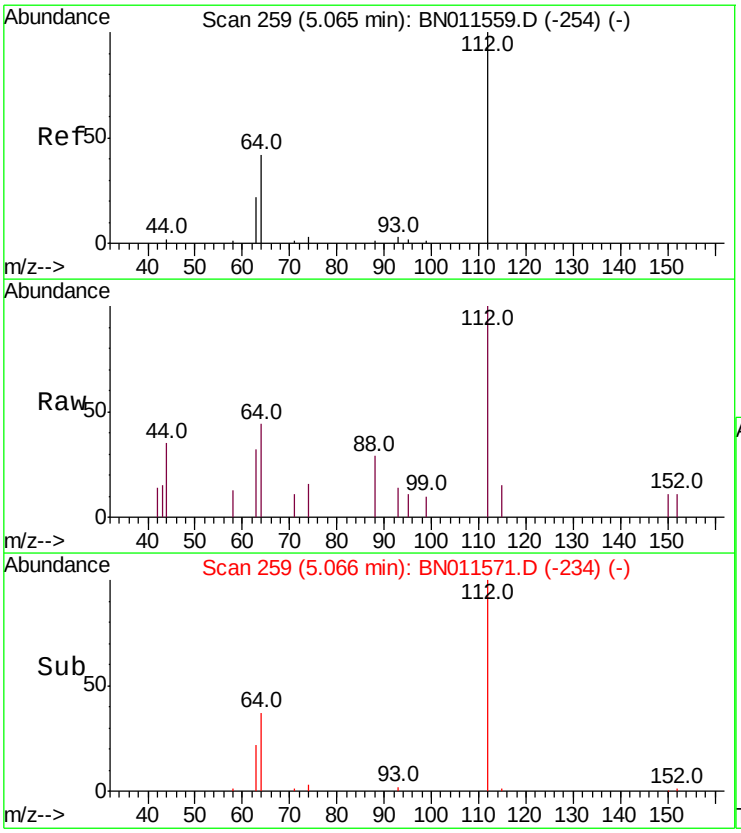
#3
n-Nitrosodimethylamine
Concen: 0.279 ng
RT: 3.47 min Scan# 61
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion: 42 Resp: 225

Ion	Ratio	Lower	Upper
42	100		
74	218.7	169.0	253.4
44	7.6	21.6	32.4#

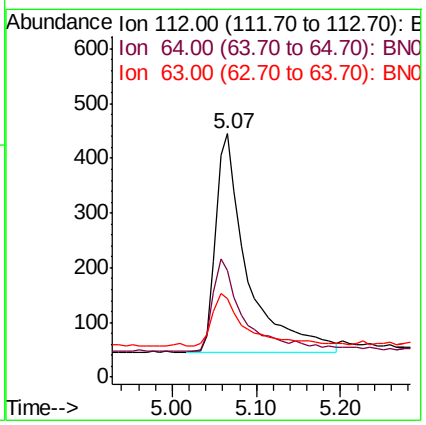


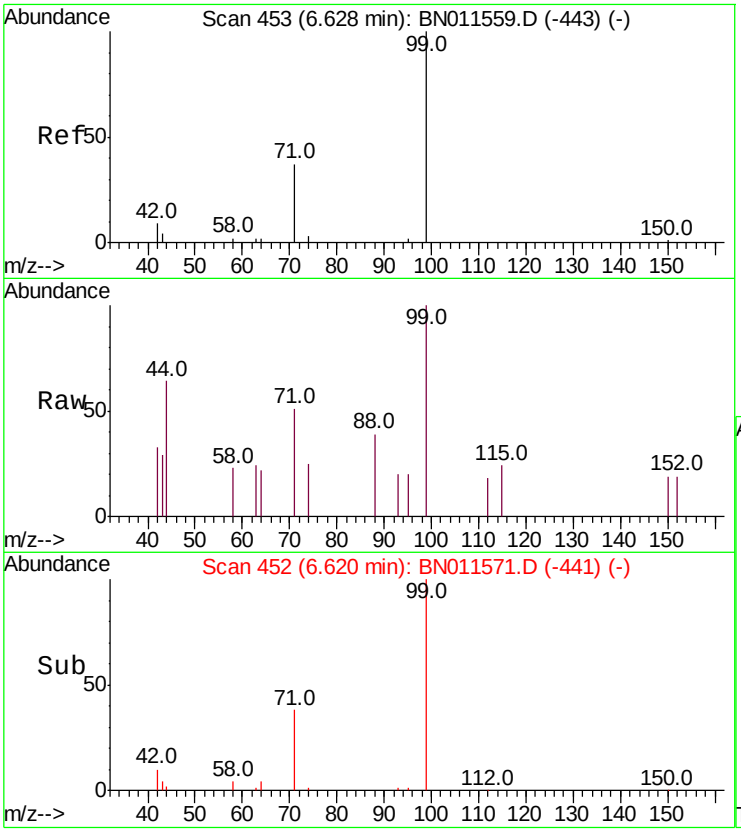


#4
2-Fluorophenol
Concen: 0.338 ng
RT: 5.07 min Scan# 259
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:112 Resp: 1033

Ion	Ratio	Lower	Upper
112	100		
64	44.4	33.9	50.9
63	25.1	17.7	26.5



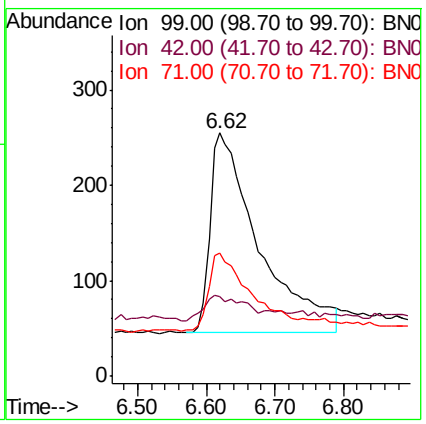


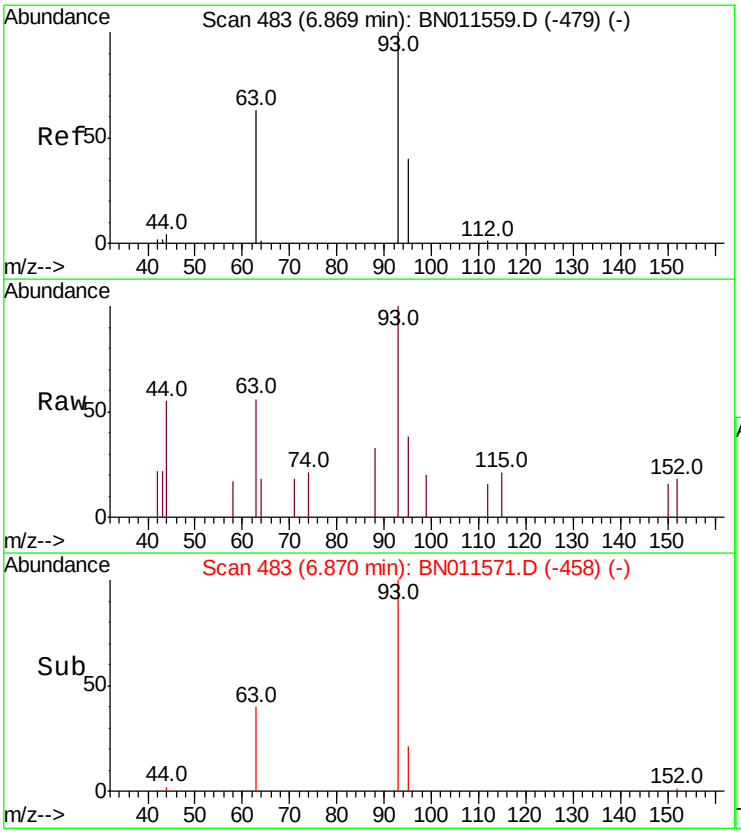
#5
Phenol-d6
Concen: 0.334 ng
RT: 6.62 min Scan# 452
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion: 99 Resp: 1030

Ion	Ratio	Lower	Upper
99	100		
42	12.8	9.0	13.4
71	37.7	30.4	45.6

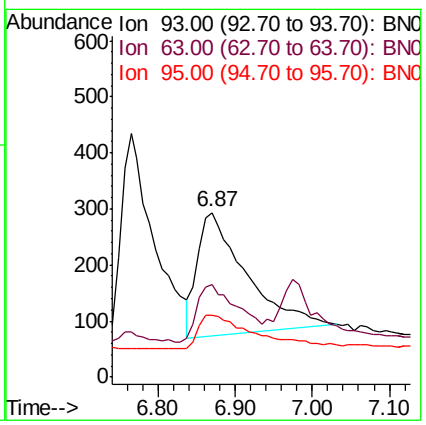


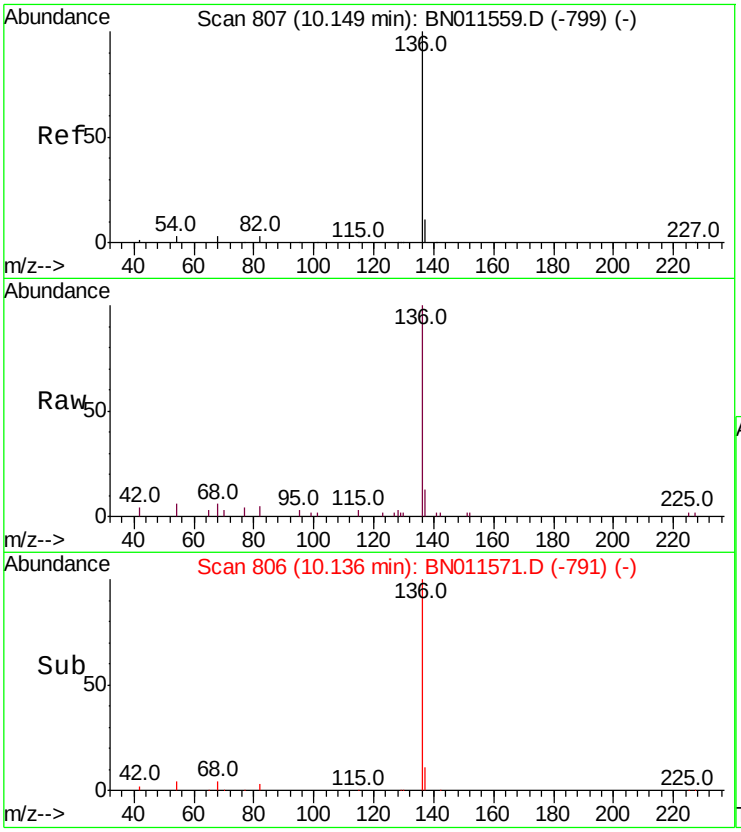


#6
bis(2-Chloroethyl)ether
Concen: 0.318 ng
RT: 6.87 min Scan# 483
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion: 93 Resp: 959

Ion	Ratio	Lower	Upper
93	100		
63	41.0	32.9	49.3
95	33.5	25.3	37.9



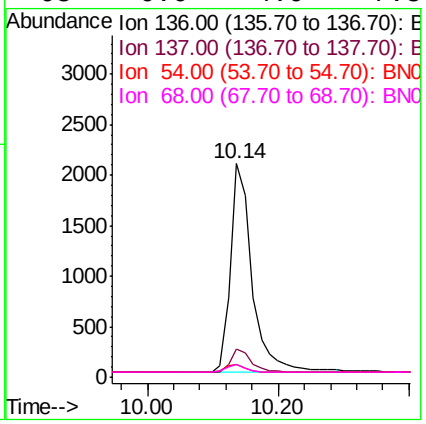


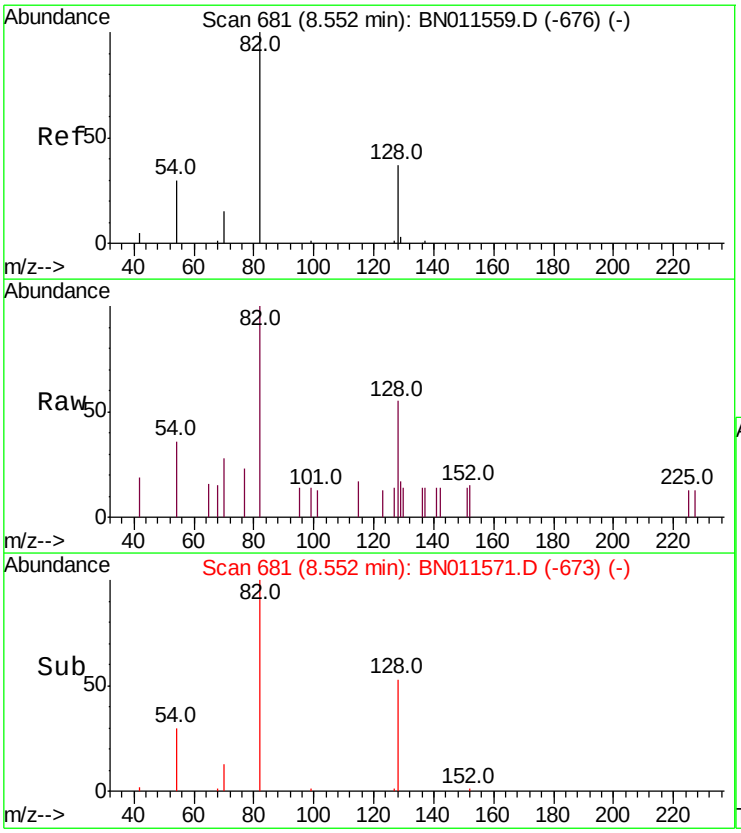
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.14 min Scan# 806
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:136 Resp: 4783

Ion	Ratio	Lower	Upper
136	100		
137	13.0	11.0	16.4
54	6.1	4.3	6.5
68	6.0	4.9	7.3

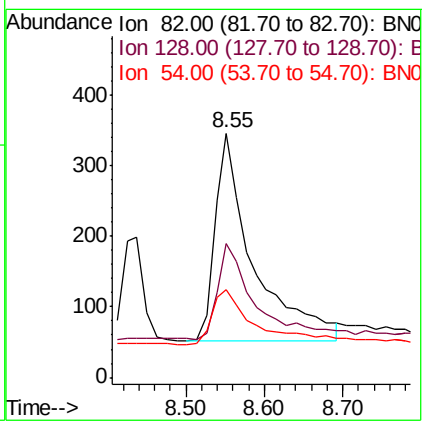


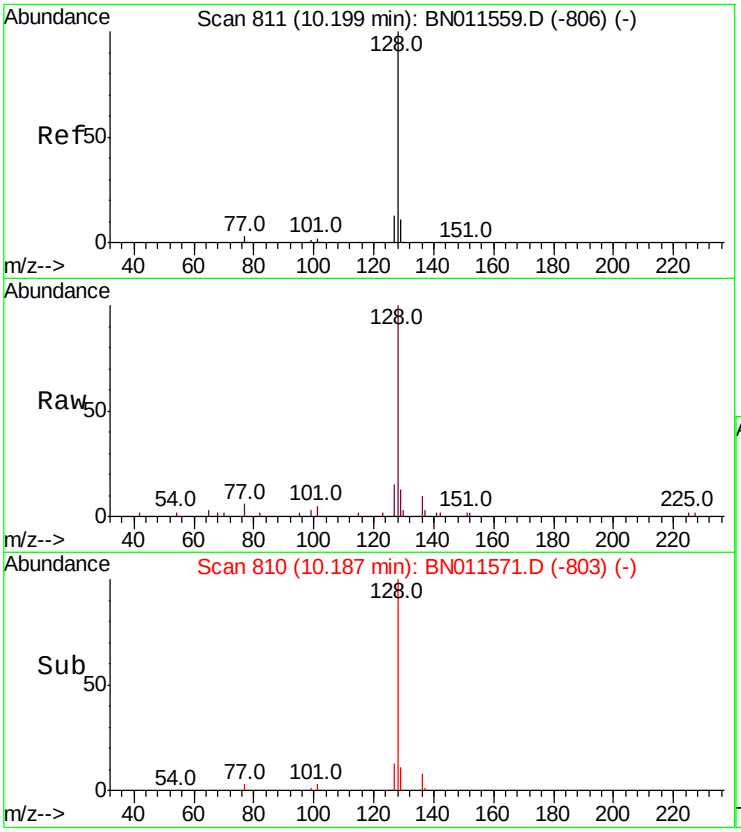


#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.55 min Scan# 681
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion: 82 Resp: 995

Ion	Ratio	Lower	Upper
82	100		
128	54.6	41.7	62.5
54	36.1	34.4	51.6



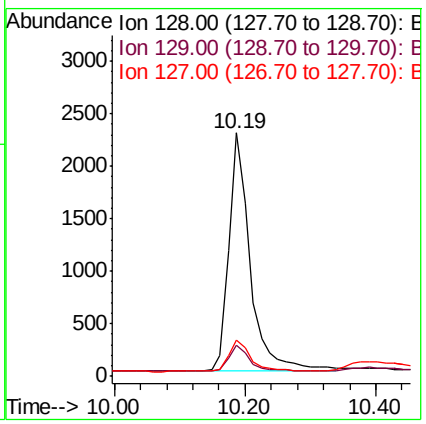


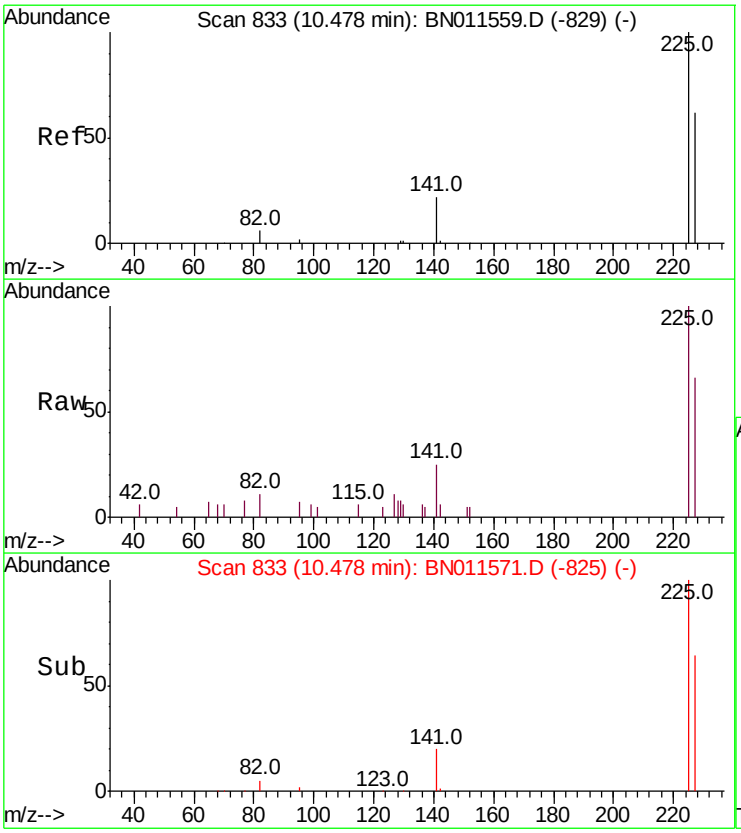
#9
Naphthalene
Concen: 0.369 ng
RT: 10.19 min Scan# 810
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:128 Resp: 5114

Ion	Ratio	Lower	Upper
128	100		
129	12.8	10.8	16.2
127	14.8	12.3	18.5

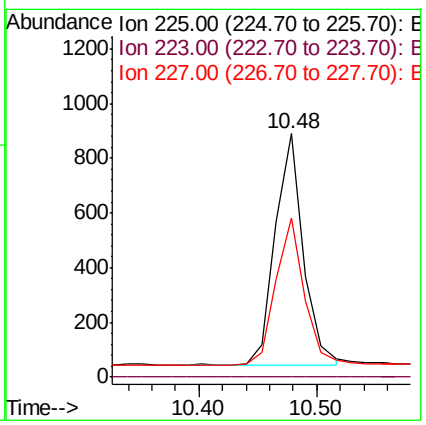


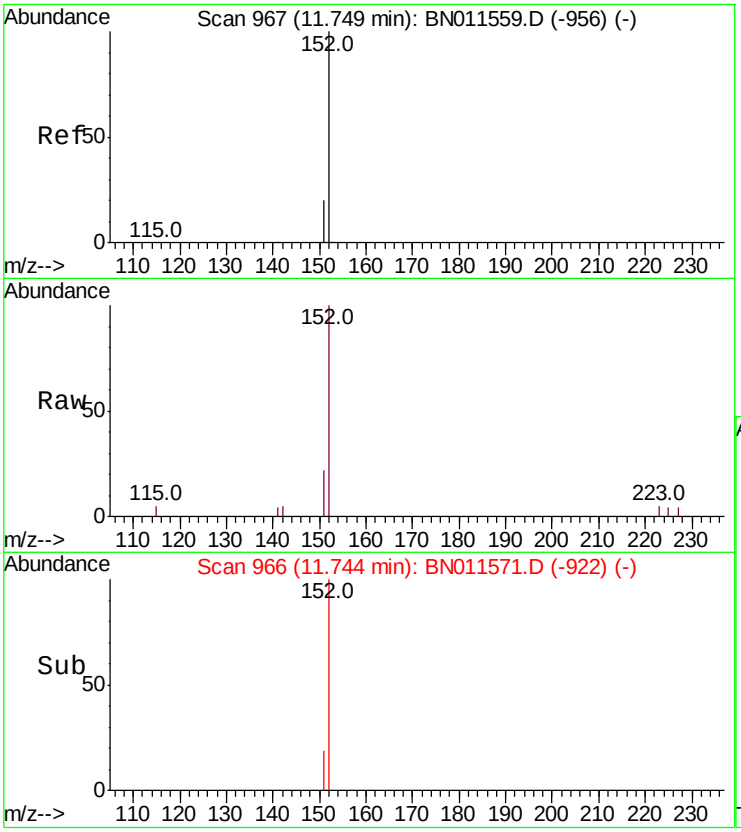


#10
Hexachlorobutadiene
Concen: 0.364 ng
RT: 10.48 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:225 Resp: 1412

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.3	76.9



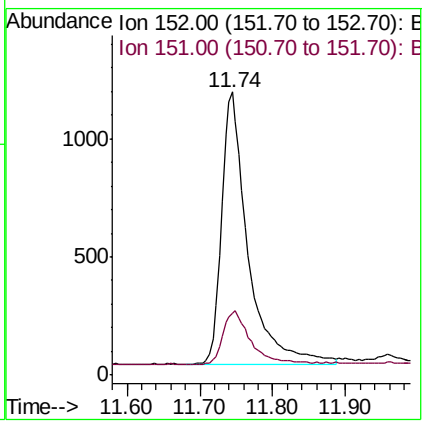


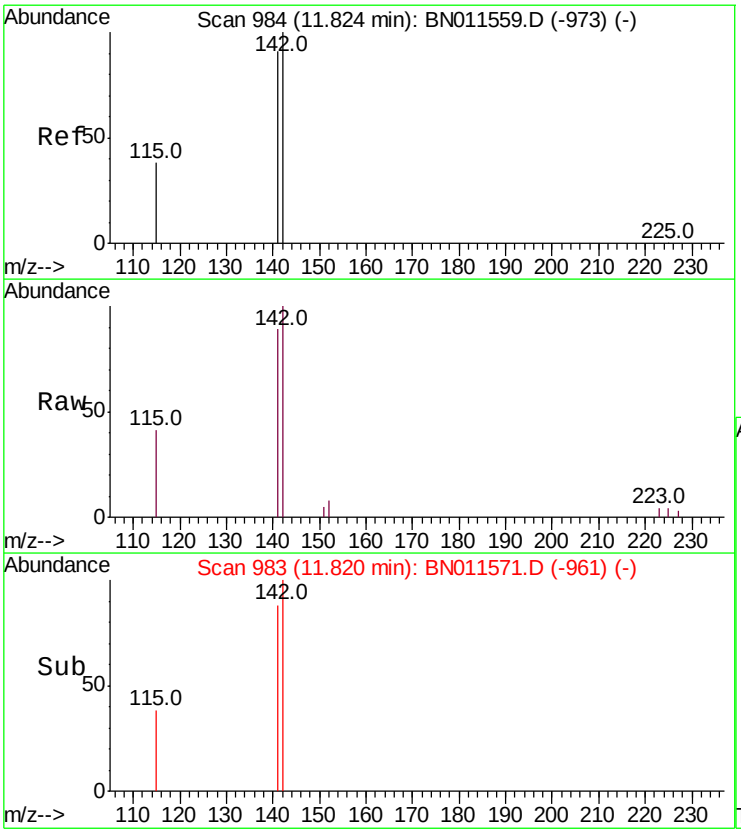
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 11.74 min Scan# 966
Delta R.T. -0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:152 Resp: 2891

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.6	24.8

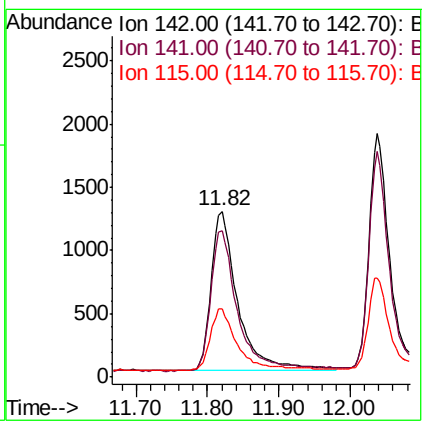


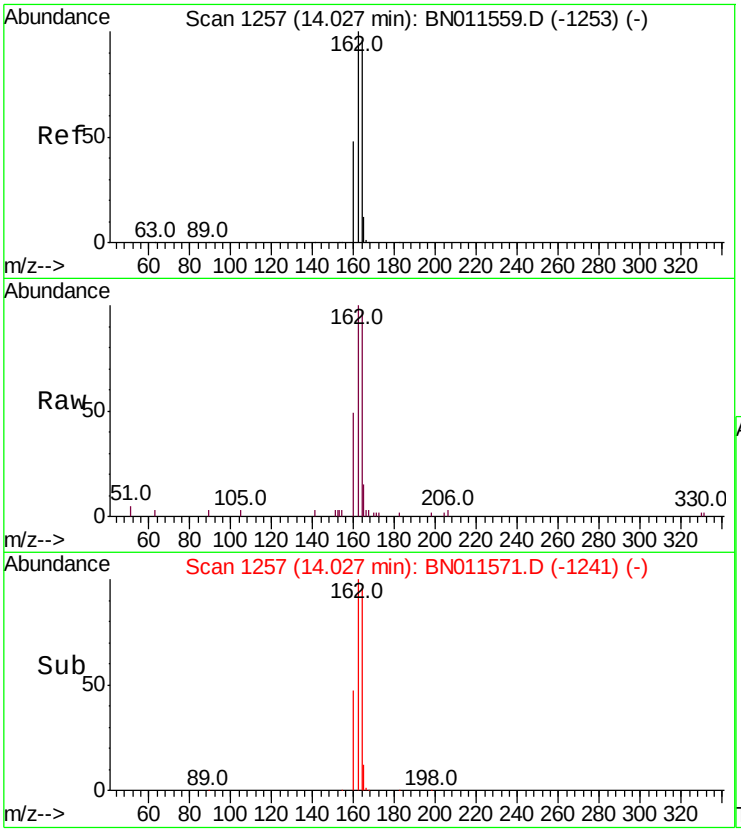


#12
2-Methylnaphthalene
Concen: 0.345 ng
RT: 11.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:142 Resp: 3292

Ion	Ratio	Lower	Upper
142	100		
141	88.6	73.0	109.6
115	40.8	33.4	50.0



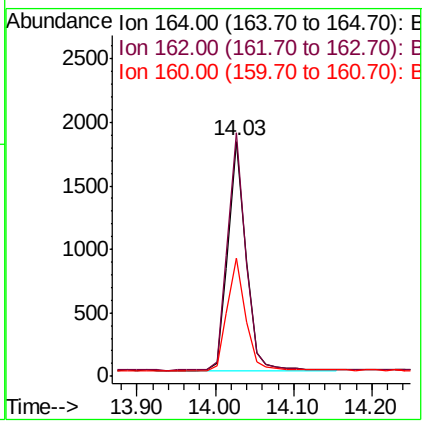


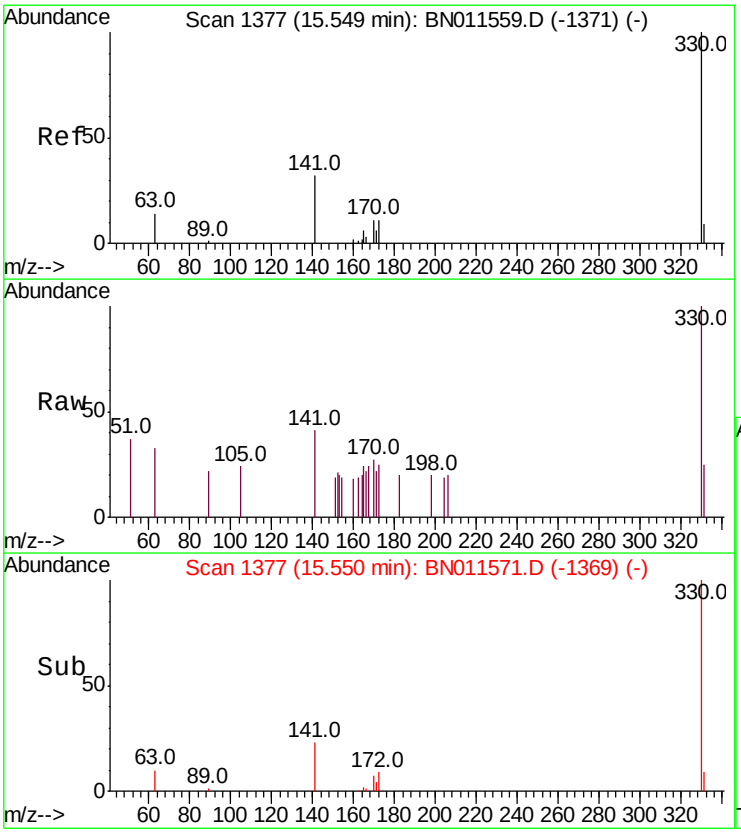
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:164 Resp: 2872

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.7	125.5
160	50.4	41.1	61.7

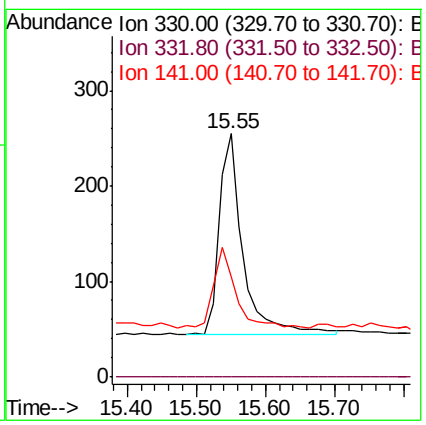


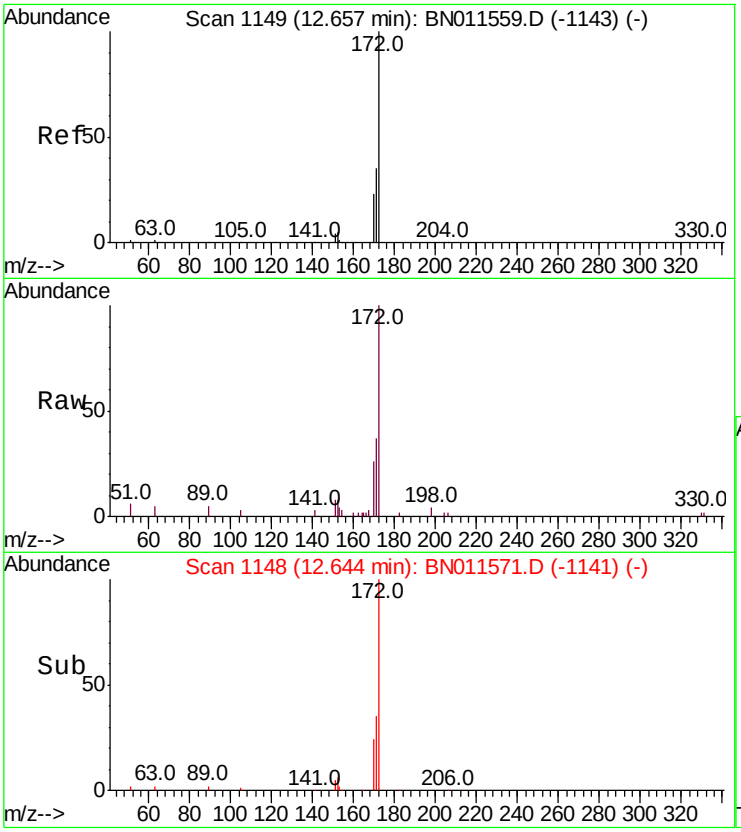


#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.55 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:330 Resp: 502

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.4	34.6	52.0



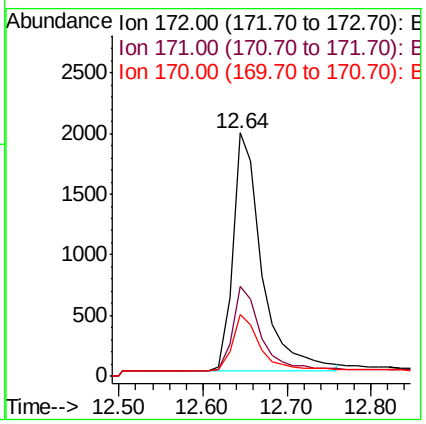


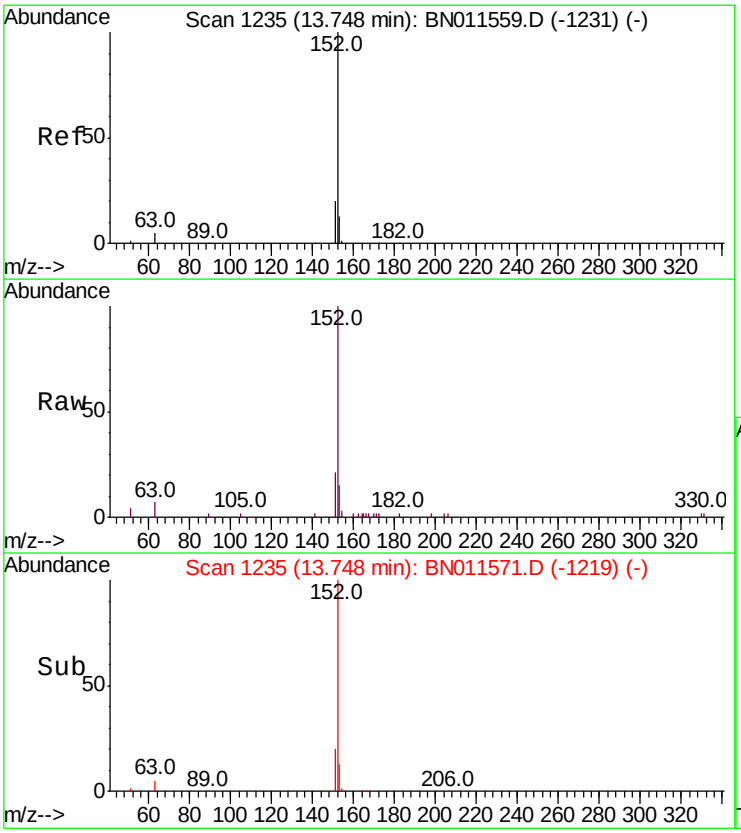
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.64 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:172 Resp: 4696

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	25.6	20.1	30.1

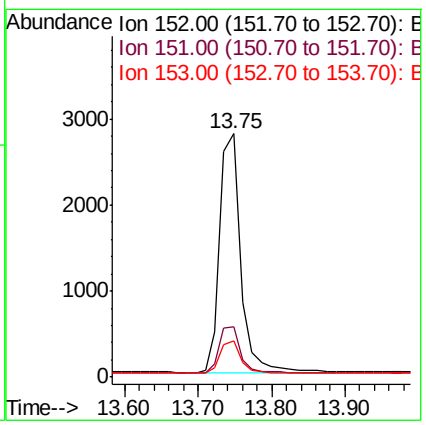


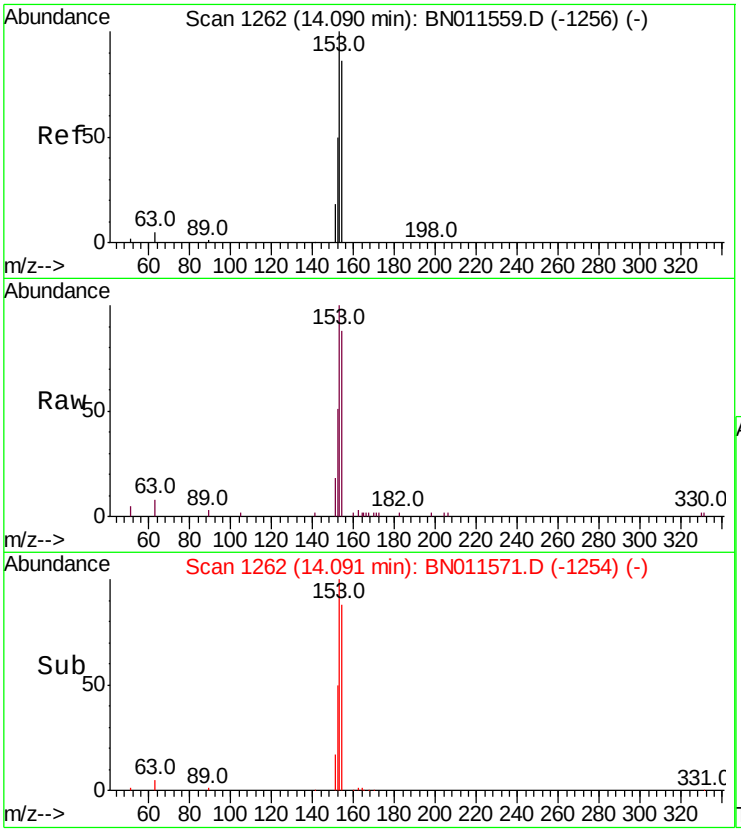


#16
Acenaphthylene
Concen: 0.379 ng
RT: 13.75 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:152 Resp: 5541

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.3	10.6	16.0



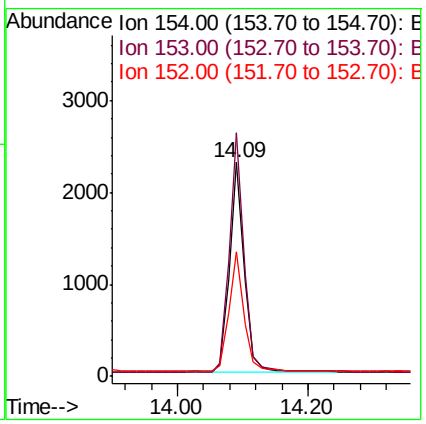


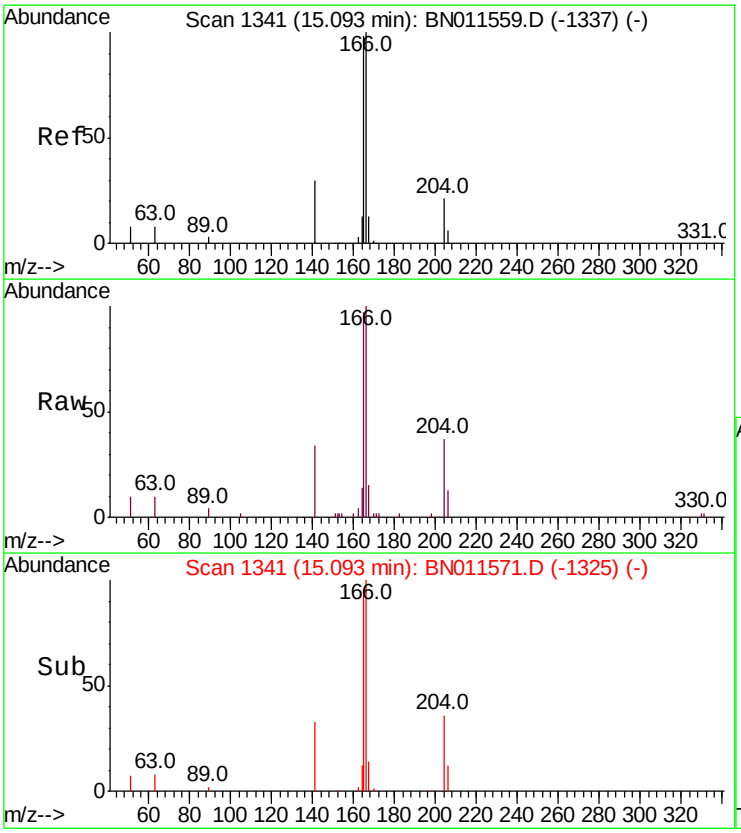
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.09 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:154 Resp: 3529

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.8	137.8
152	58.7	46.3	69.5

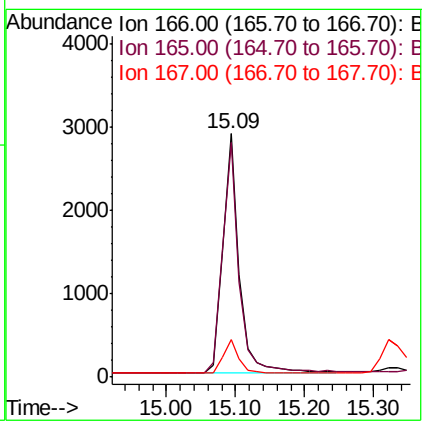


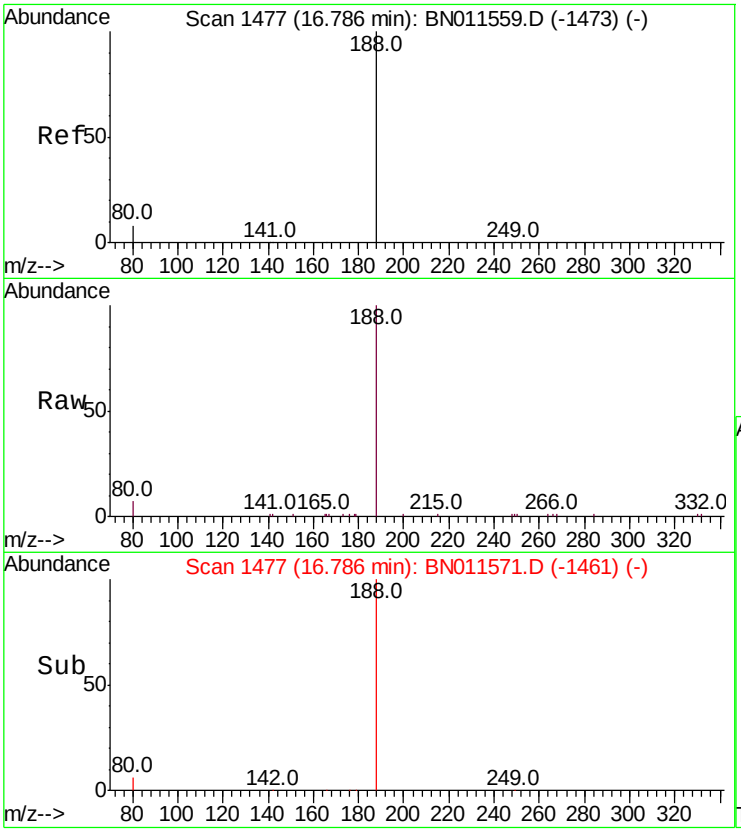


#18
Fluorene
Concen: 0.380 ng
RT: 15.09 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:166 Resp: 4815

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.4	10.7	16.1



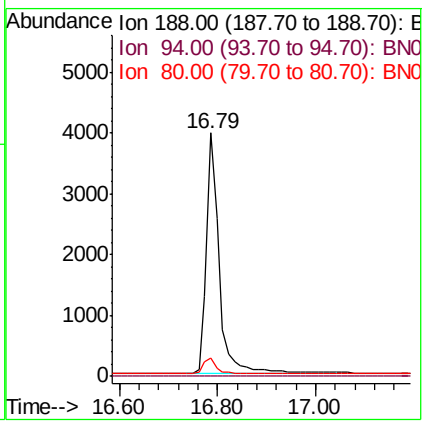


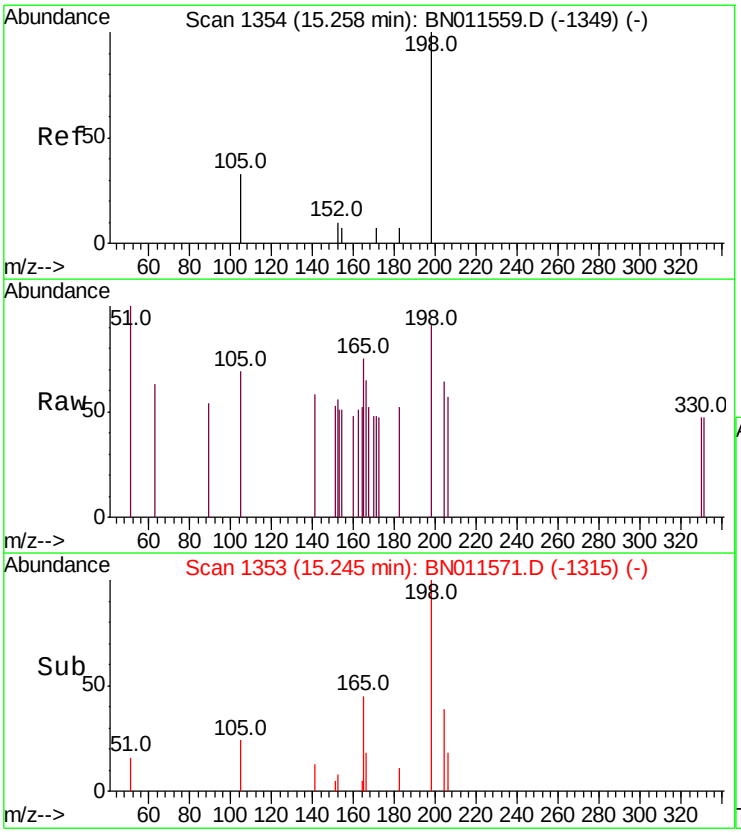
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.79 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:188 Resp: 7179

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.4	7.6	11.4#

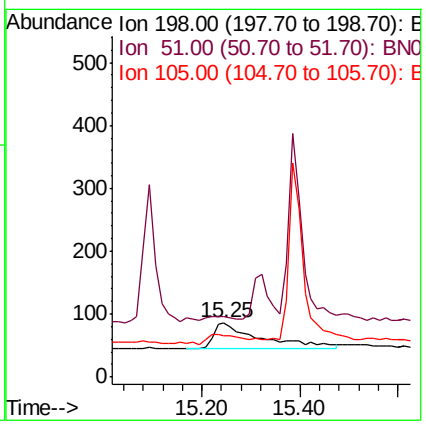


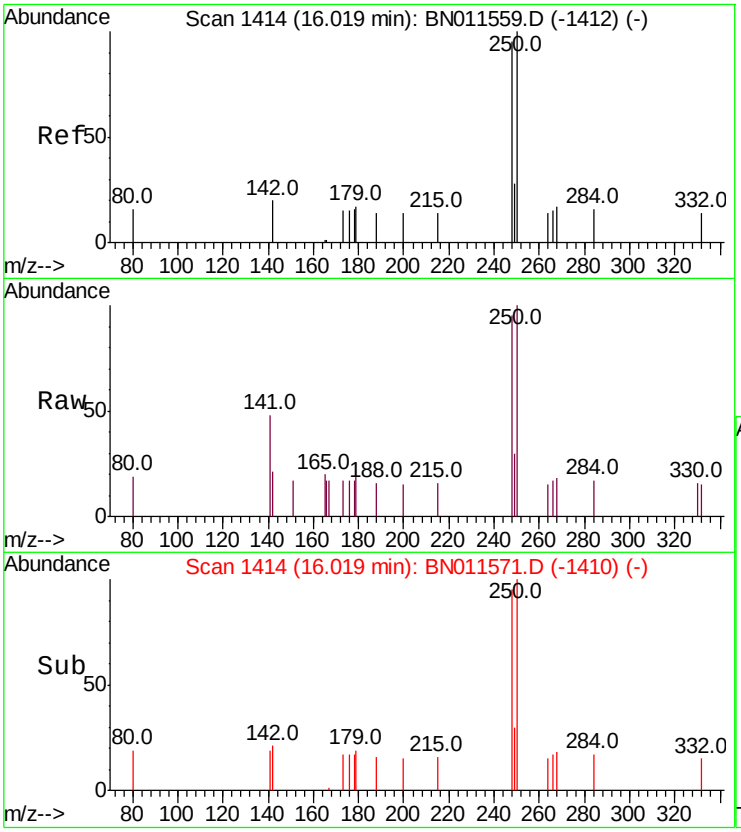


#20
4,6-Dinitro-2-methylphenol
Concen: 0.367 ng
RT: 15.25 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:198 Resp: 275

Ion	Ratio	Lower	Upper
198	100		
51	110.5	89.4	134.2
105	76.7	70.6	105.8



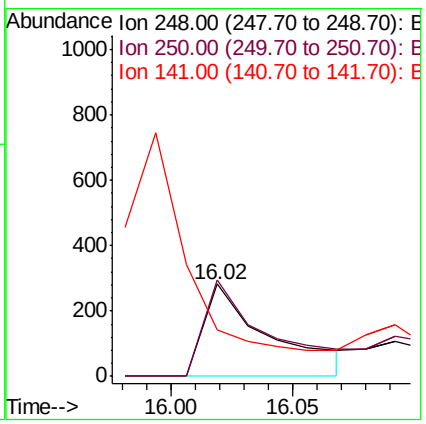


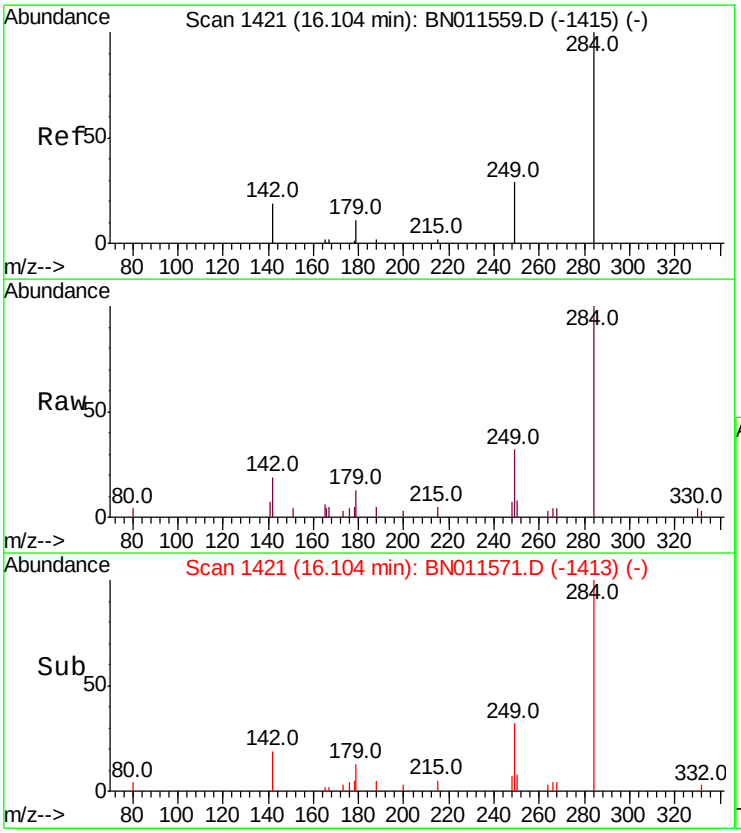
#21
4-Bromophenyl-phenylether
Concen: 0.337 ng
RT: 16.02 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:248 Resp: 529

Ion	Ratio	Lower	Upper
248	100		
250	105.0	83.8	125.8
141	50.0	41.0	61.6

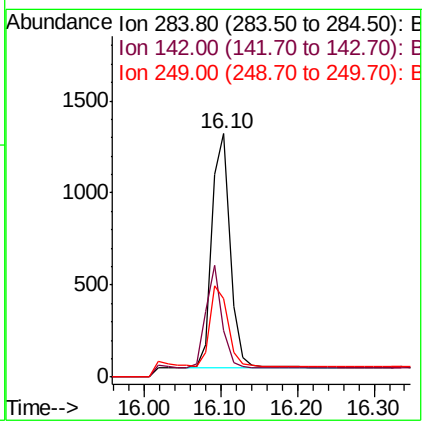


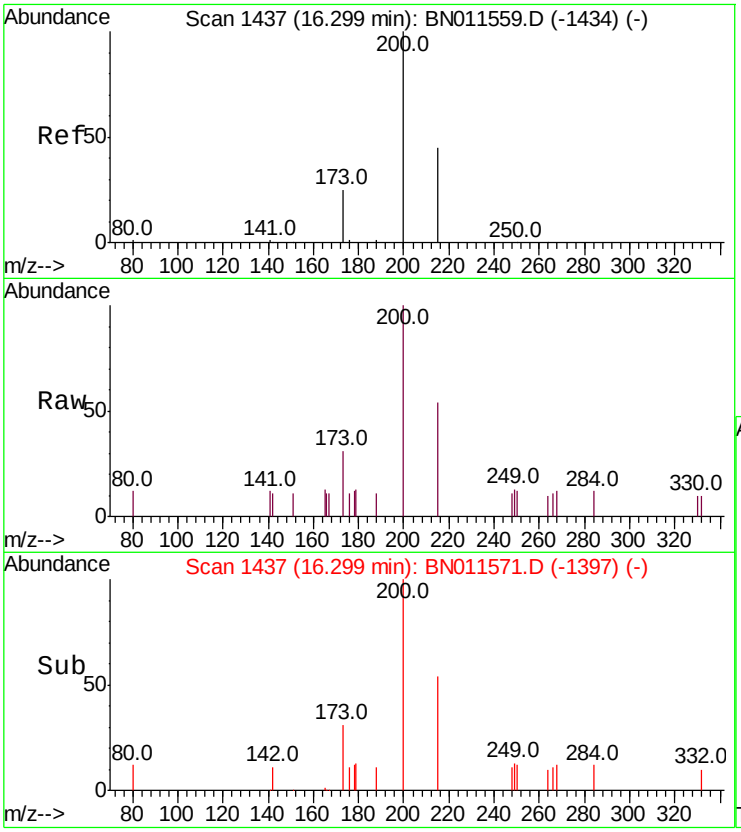


#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.10 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:284 Resp: 2120

Ion	Ratio	Lower	Upper
284	100		
142	39.5	29.7	44.5
249	34.5	26.8	40.2



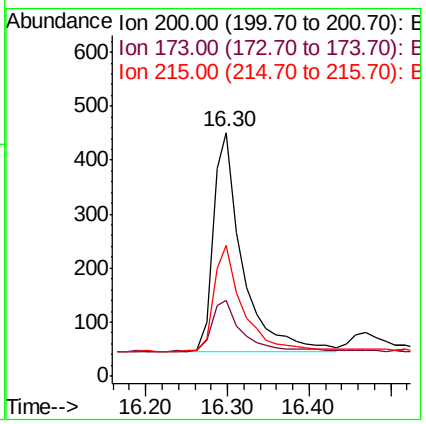


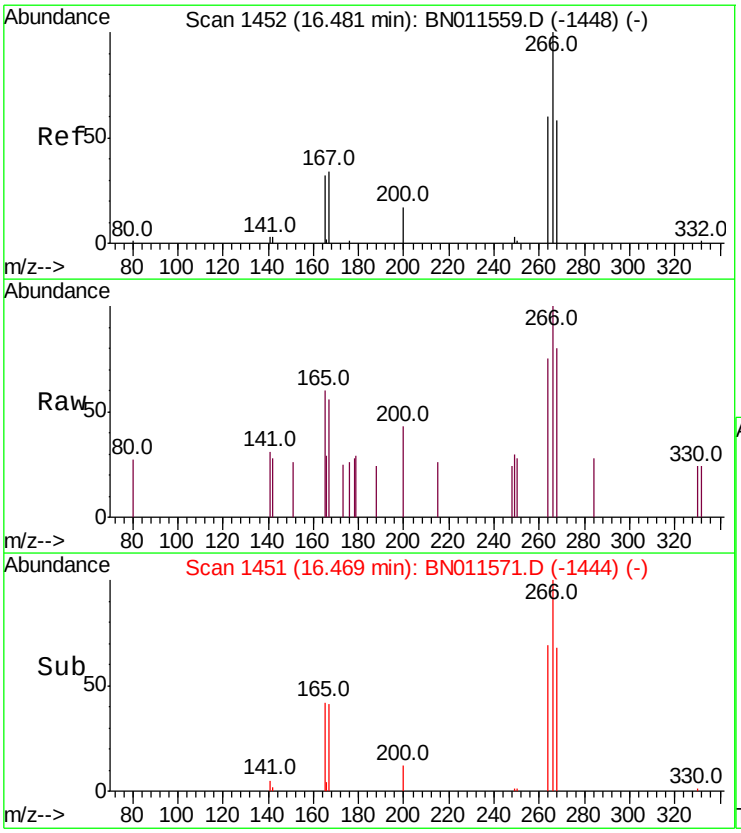
#23
Atrazine
Concen: 0.267 ng
RT: 16.30 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:200 Resp: 997

Ion	Ratio	Lower	Upper
200	100		
173	31.0	27.7	41.5
215	53.7	41.5	62.3

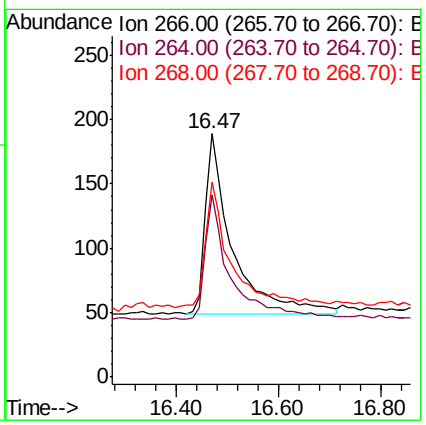


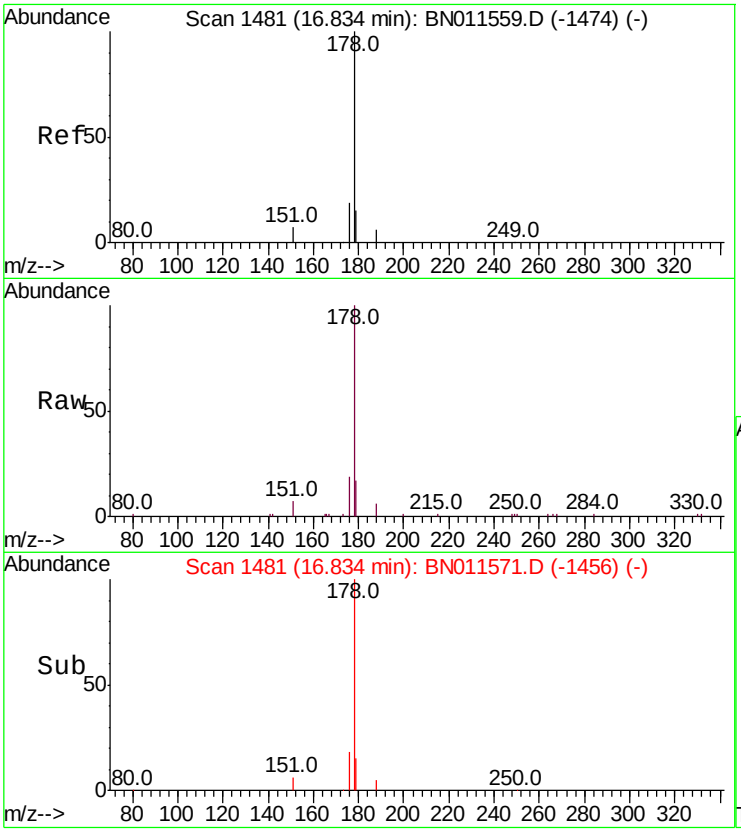


#24
Pentachlorophenol
Concen: 0.300 ng
RT: 16.47 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:266 Resp: 518

Ion	Ratio	Lower	Upper
266	100		
264	65.3	48.7	73.1
268	64.3	51.0	76.6



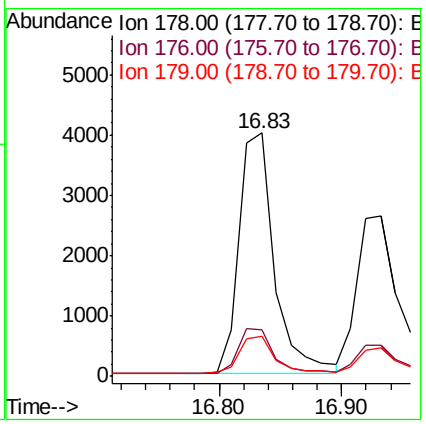


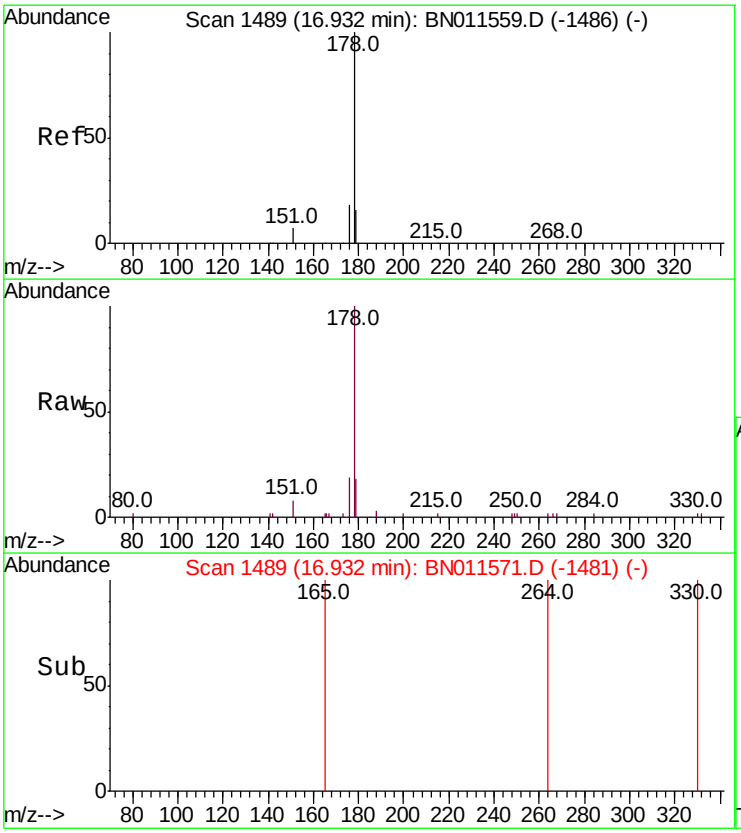
#25
Phenanthrene
Concen: 0.353 ng
RT: 16.83 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:178 Resp: 7980

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.6	12.3	18.5

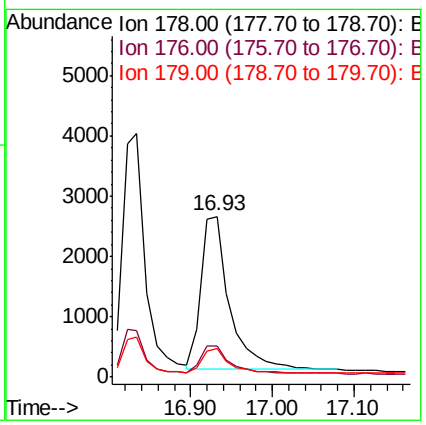


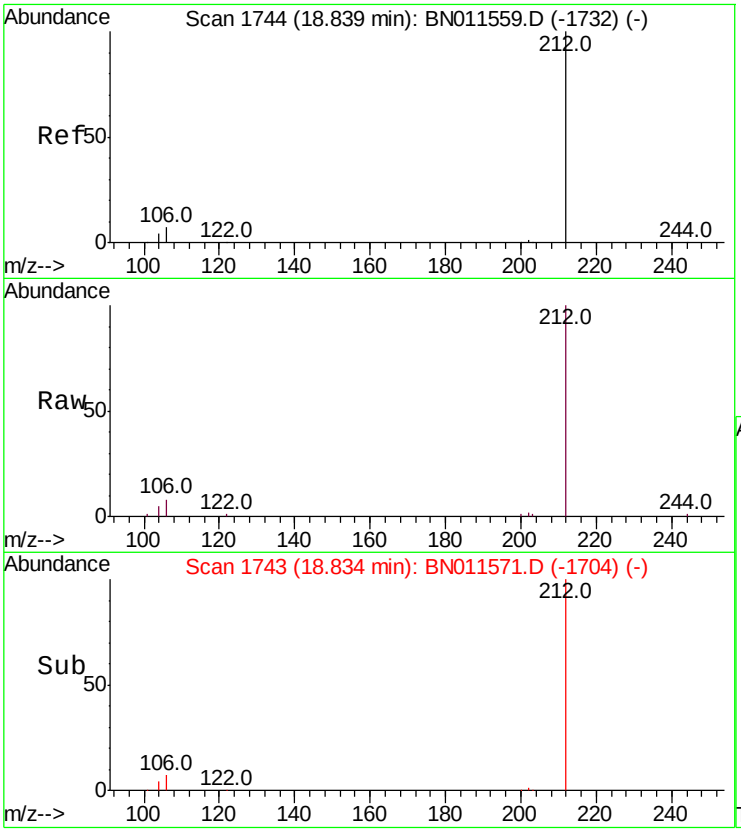


#26
Anthracene
Concen: 0.331 ng
RT: 16.93 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:178 Resp: 6234

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.4	21.6
179	15.2	12.9	19.3



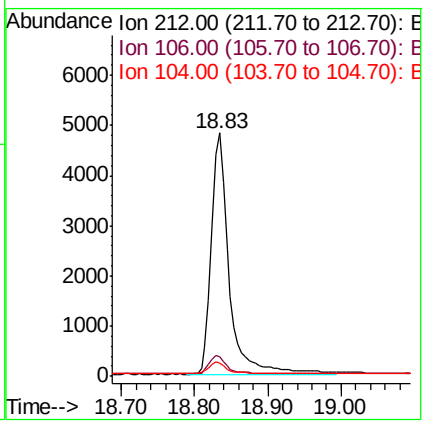


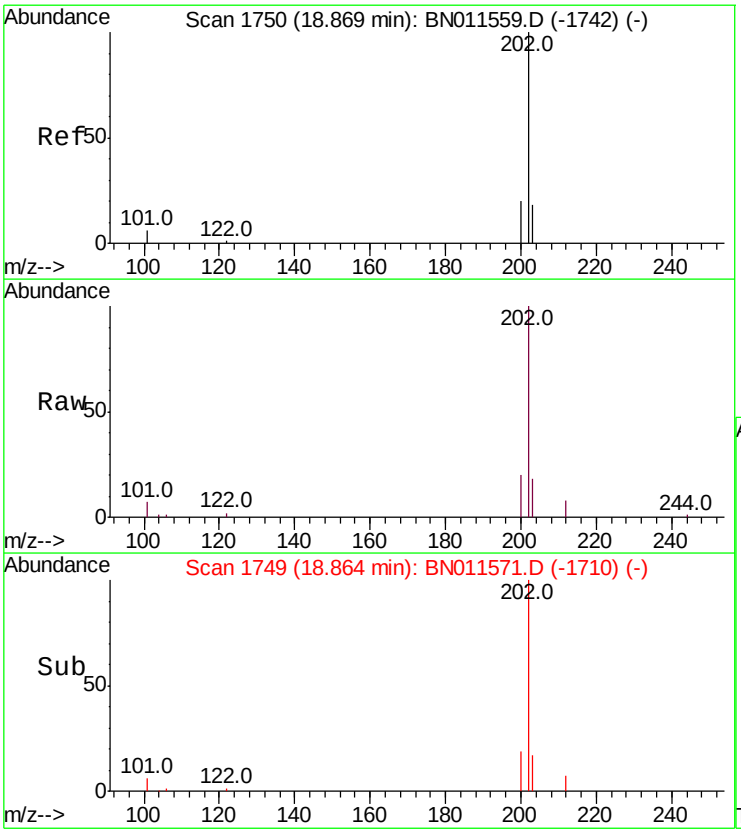
#27
Fluoranthene-d10
Concen: 0.332 ng
RT: 18.83 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:212 Resp: 8034

Ion	Ratio	Lower	Upper
212	100		
106	7.7	6.2	9.2
104	4.7	3.8	5.6

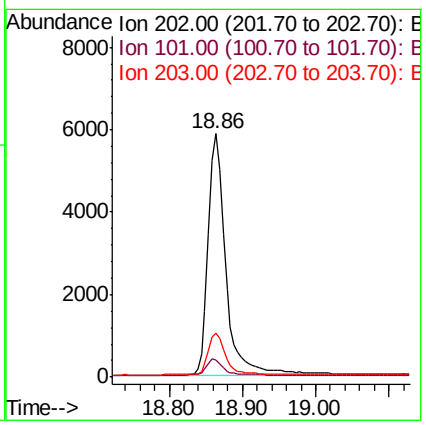


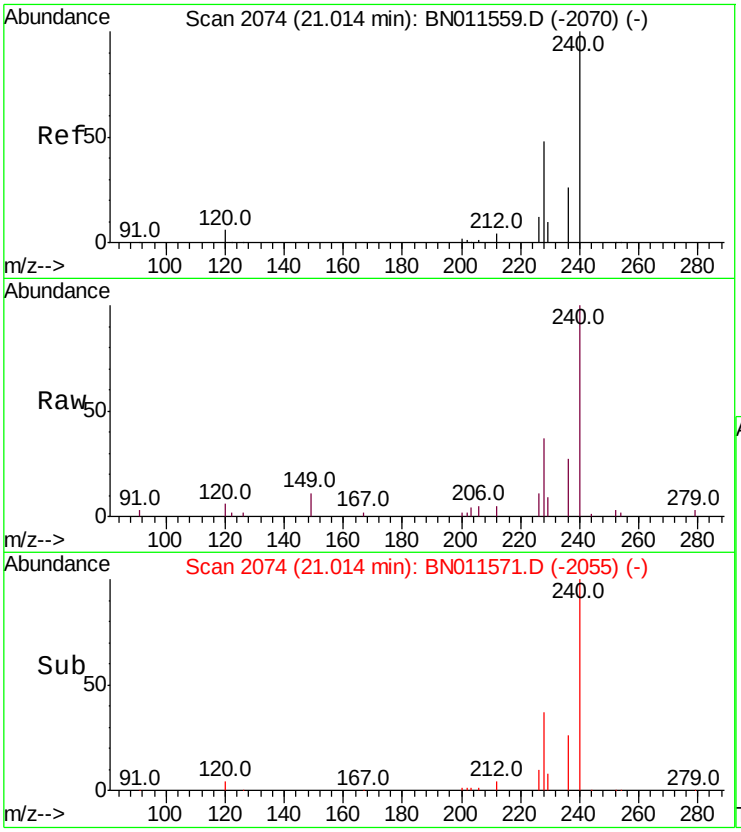


#28
Fluoranthene
Concen: 0.336 ng
RT: 18.86 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:202 Resp: 9773

Ion	Ratio	Lower	Upper
202	100		
101	6.5	5.2	7.8
203	16.7	13.6	20.4



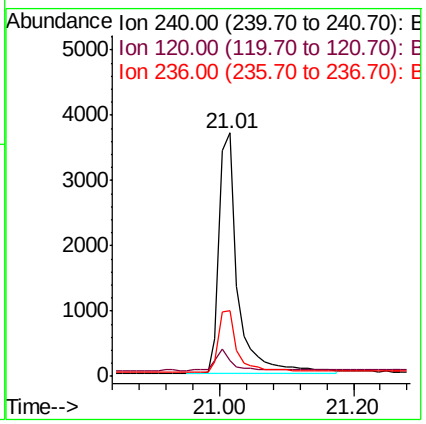


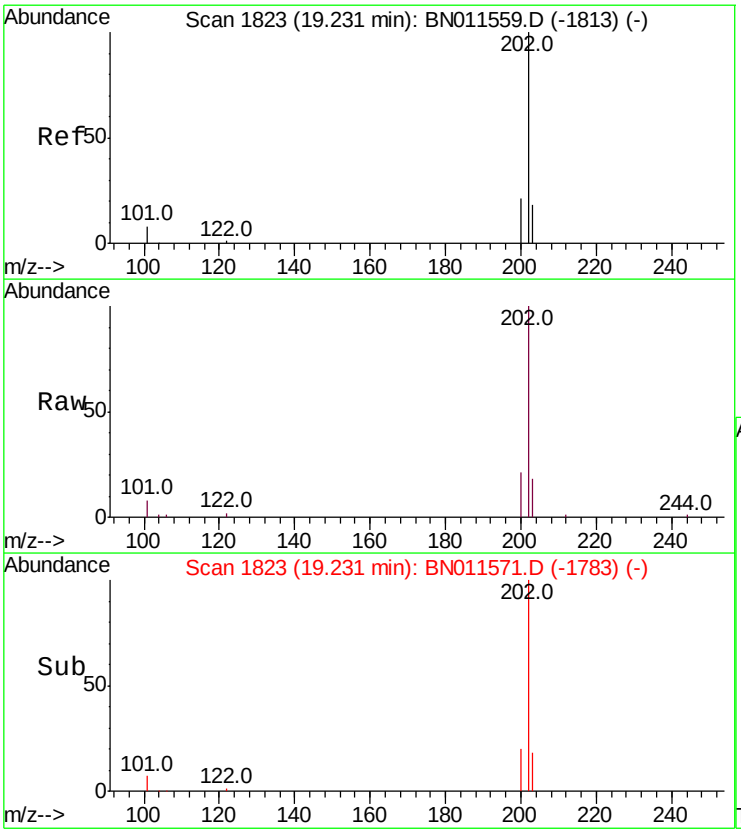
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.01 min Scan# 2074
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:240 Resp: 7073

Ion	Ratio	Lower	Upper
240	100		
120	6.4	7.4	11.0#
236	27.0	22.3	33.5

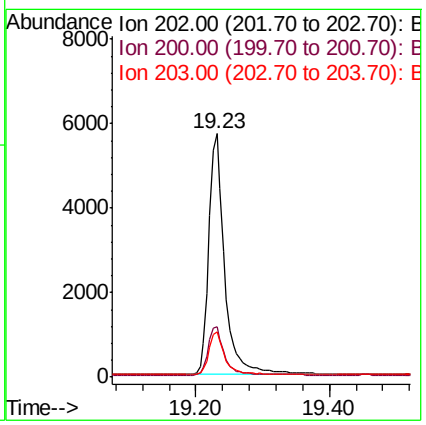


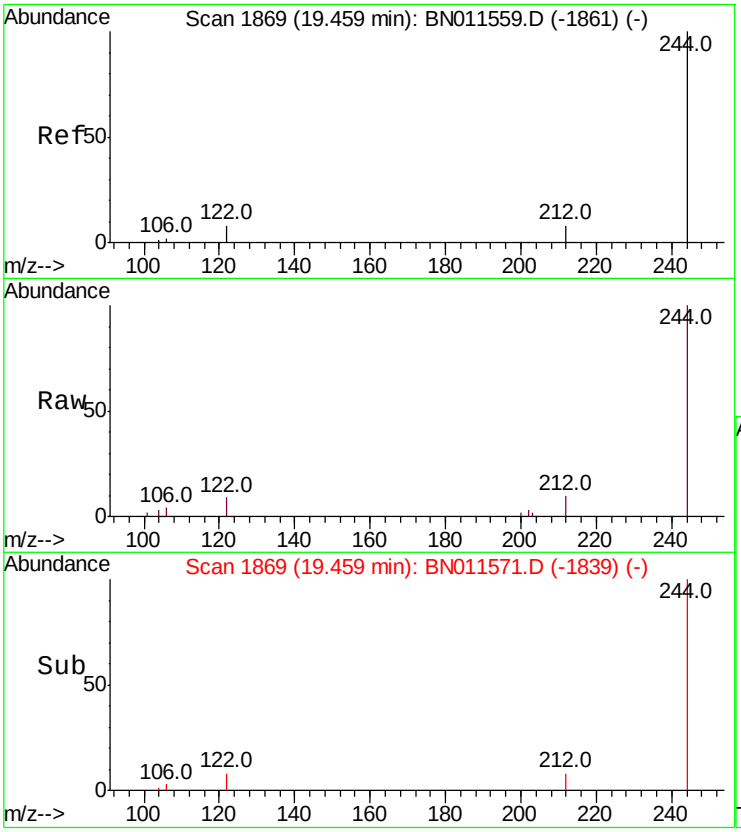


#30
Pyrene
Concen: 0.335 ng
RT: 19.23 min Scan# 1823
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:202 Resp: 9426

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.7	14.2	21.2



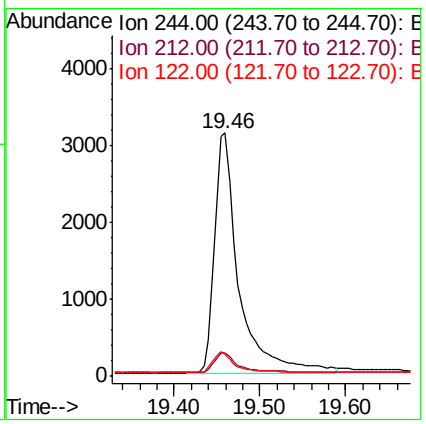


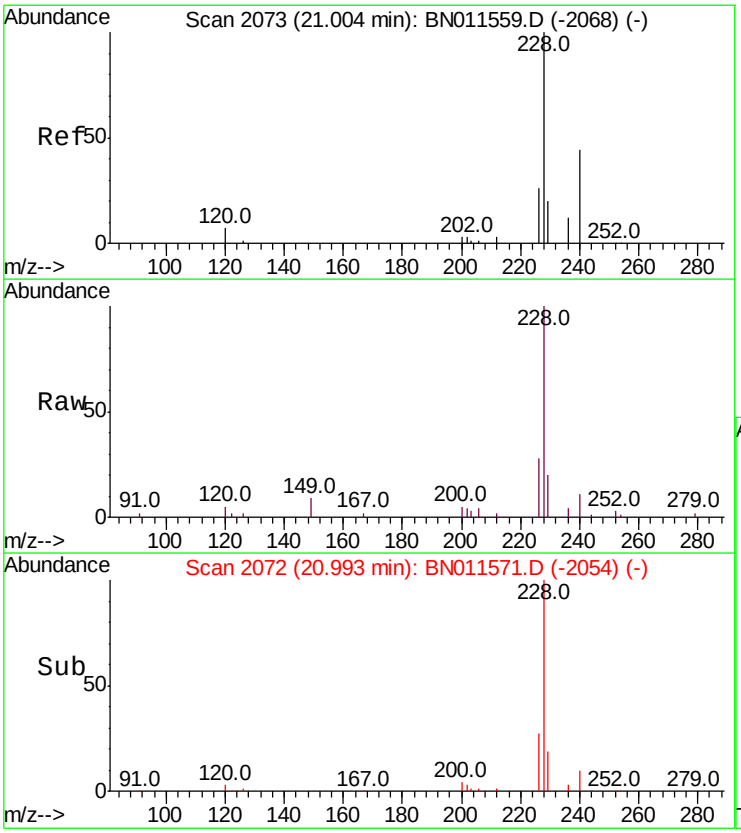
#31
Terphenyl-d14
Concen: 0.332 ng
RT: 19.46 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:244 Resp: 6130

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.2	12.4
122	9.0	8.0	12.0

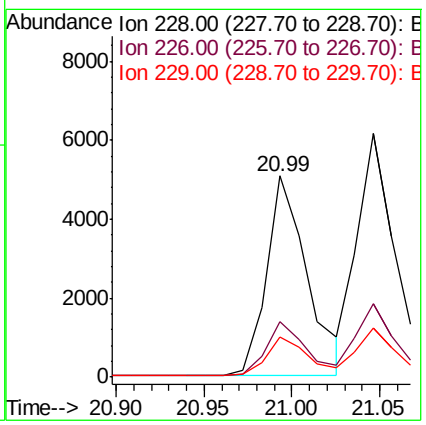


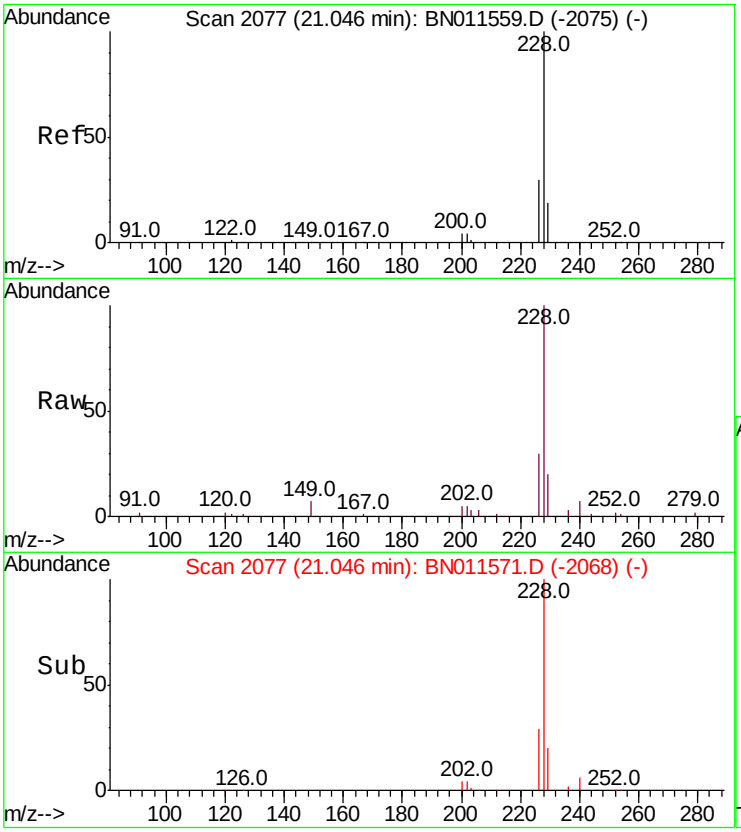


#32
Benzo(a)anthracene
Concen: 0.350 ng
RT: 20.99 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:228 Resp: 8136

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	19.9	16.9	25.3



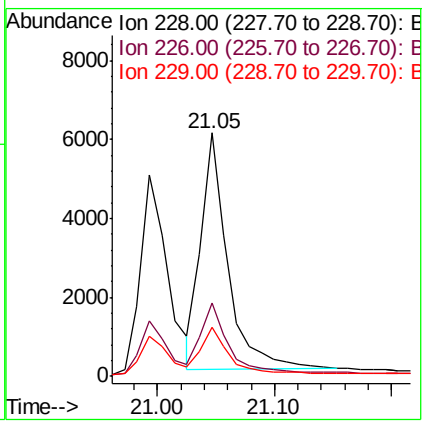


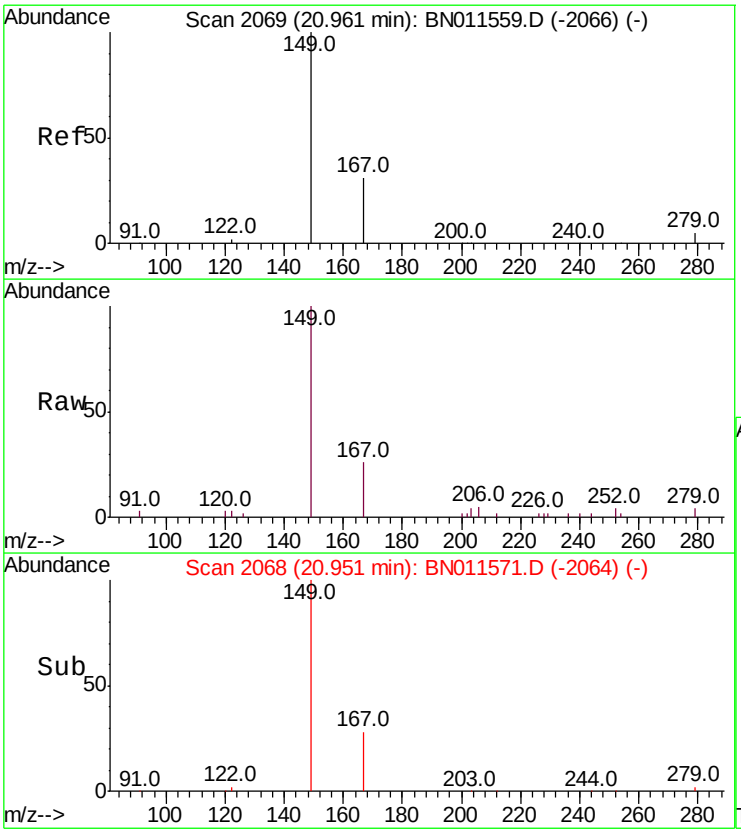
#33
Chrysene
Concen: 0.359 ng
RT: 21.05 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:228 Resp: 9492

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	20.3	16.2	24.2

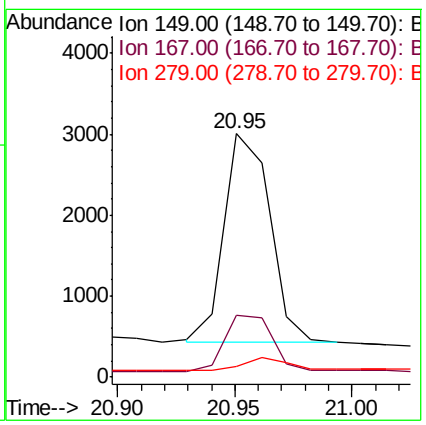


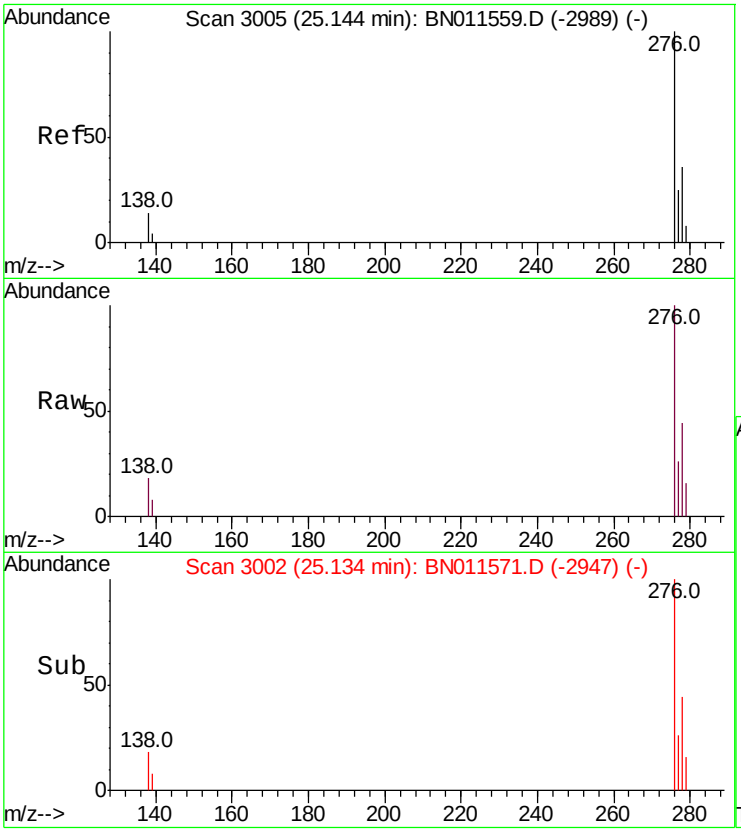


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.331 ng
RT: 20.95 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:149 Resp: 3486

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.8	34.2
279	5.3	4.2	6.2



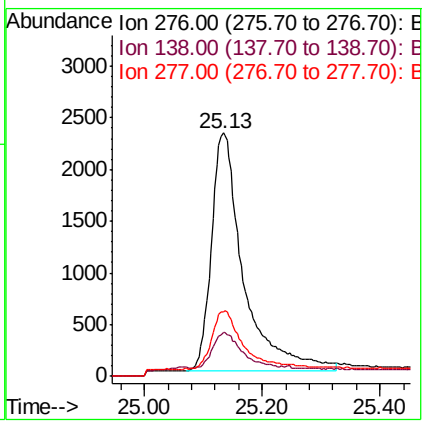


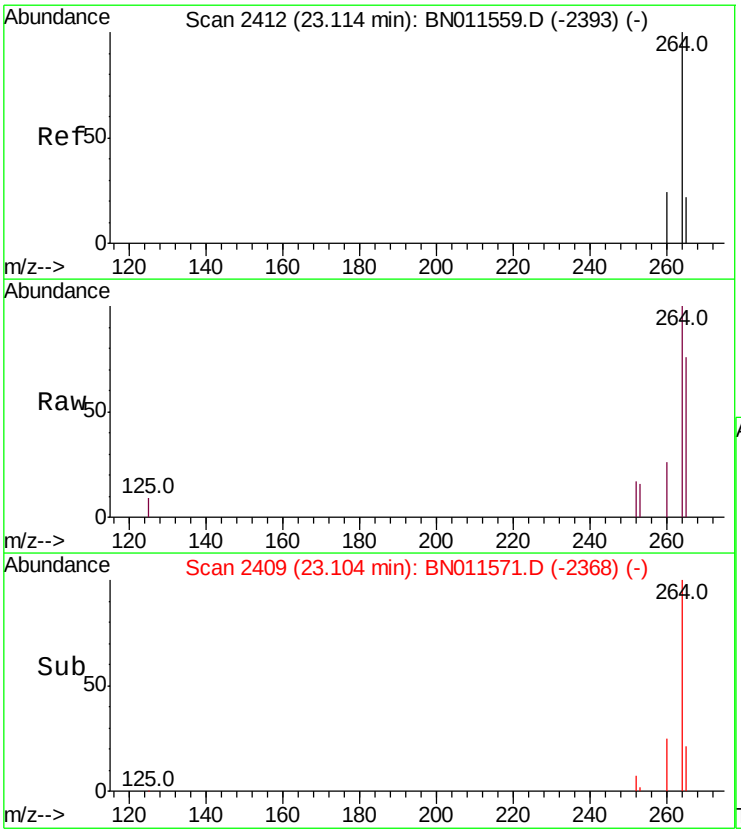
#35
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 25.13 min Scan# 3002
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:276 Resp: 8737

Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.6	17.4
277	23.2	18.2	27.4

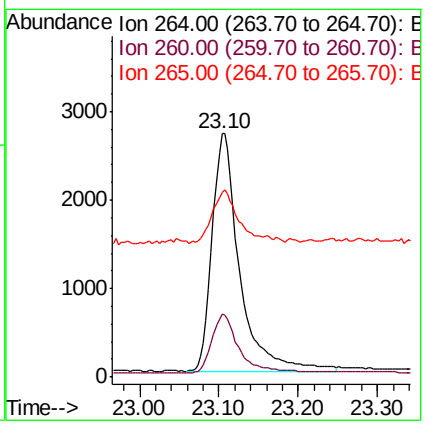


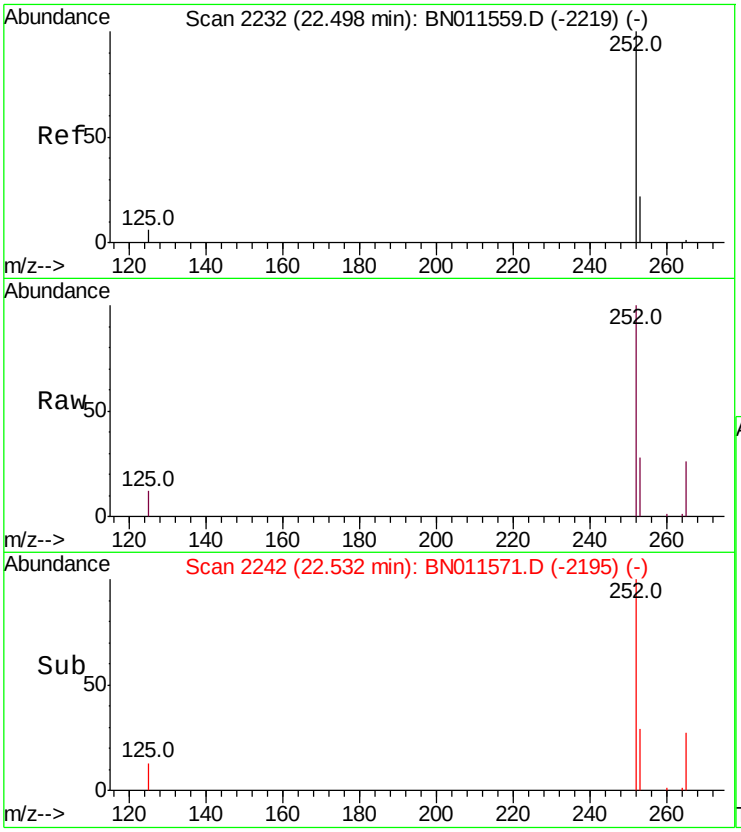


#36
Perylene-d12
Concen: 0.400 ng
RT: 23.10 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:264 Resp: 6471

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.3	30.5
265	75.8	96.1	144.1#



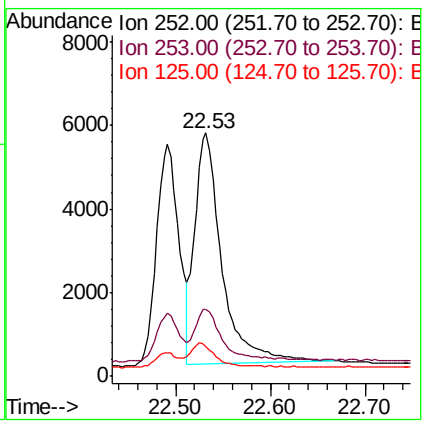


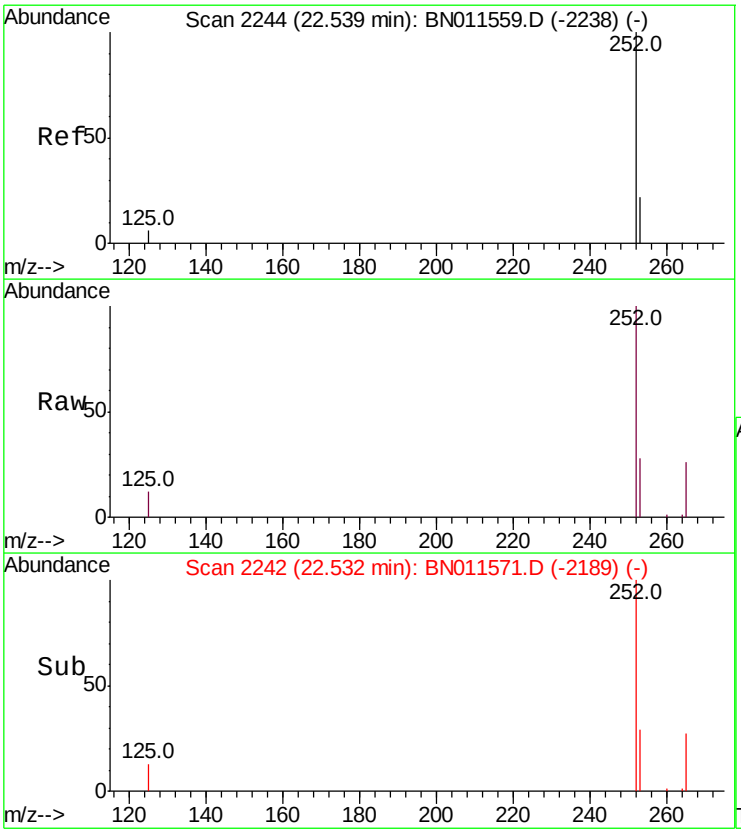
#37
Benzo(b)fluoranthene
Concen: 0.455 ng
RT: 22.53 min Scan# 2242
Delta R.T. 0.03 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:252 Resp: 10892

Ion	Ratio	Lower	Upper
252	100		
253	27.7	25.5	38.3
125	12.4	10.2	15.4

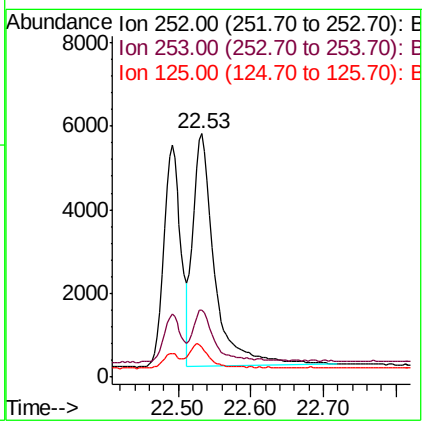


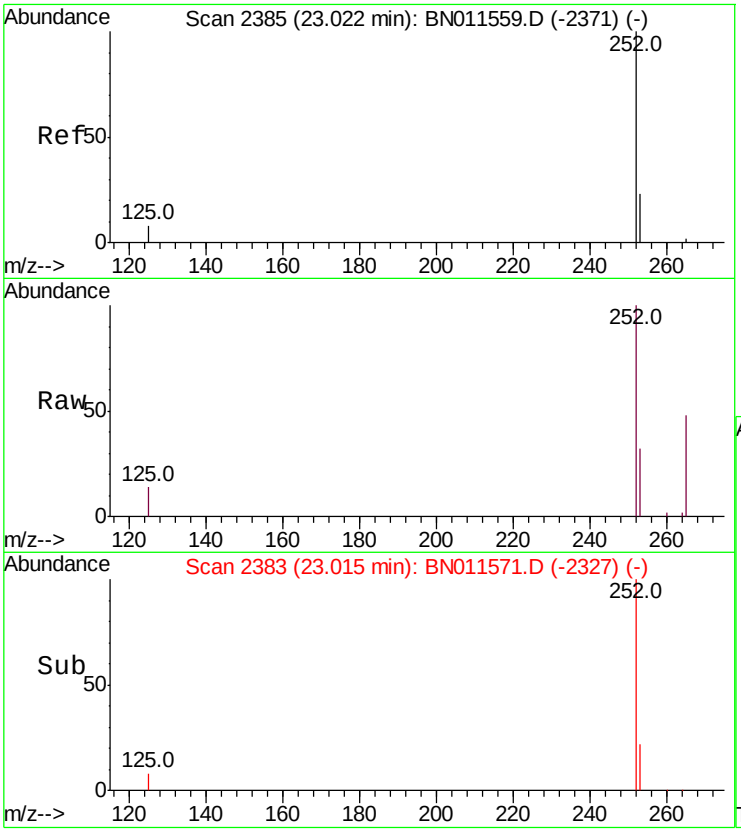


#38
Benzo(k)fluoranthene
Concen: 0.399 ng
RT: 22.53 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:252 Resp: 11362

Ion	Ratio	Lower	Upper
252	100		
253	27.7	25.8	38.6
125	12.4	10.8	16.2



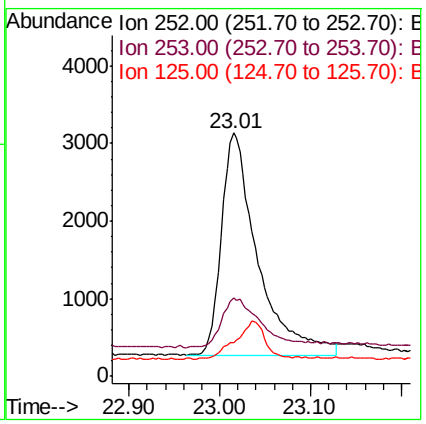


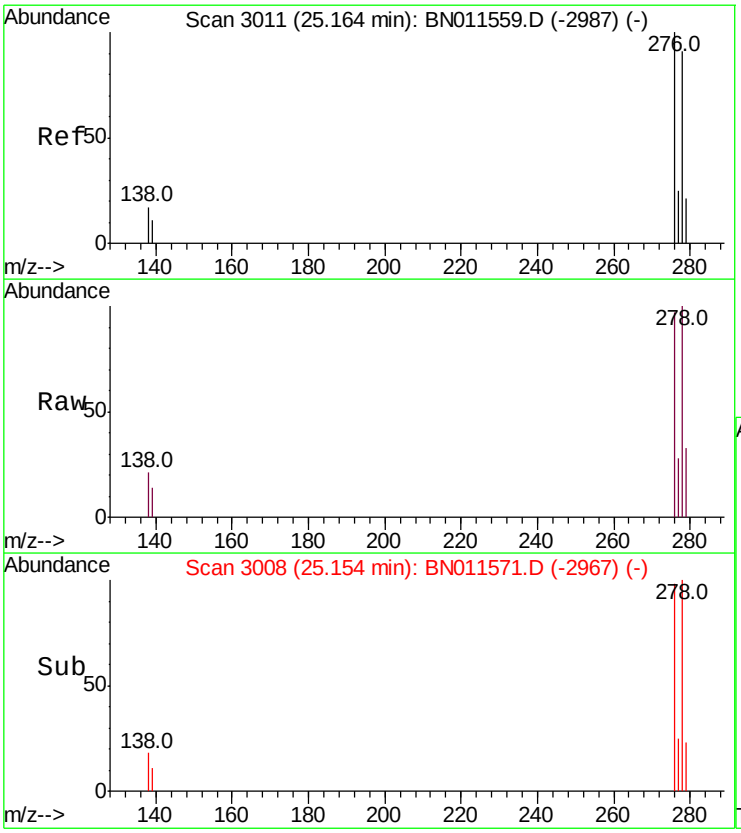
#39
Benzo(a)pyrene
Concen: 0.356 ng
RT: 23.01 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:252 Resp: 7878

Ion	Ratio	Lower	Upper
252	100		
253	32.1	31.8	47.8
125	14.1	15.4	23.0#

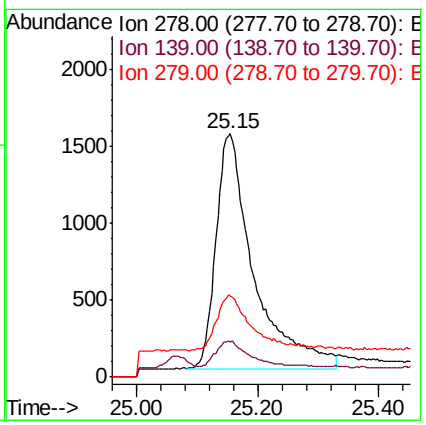


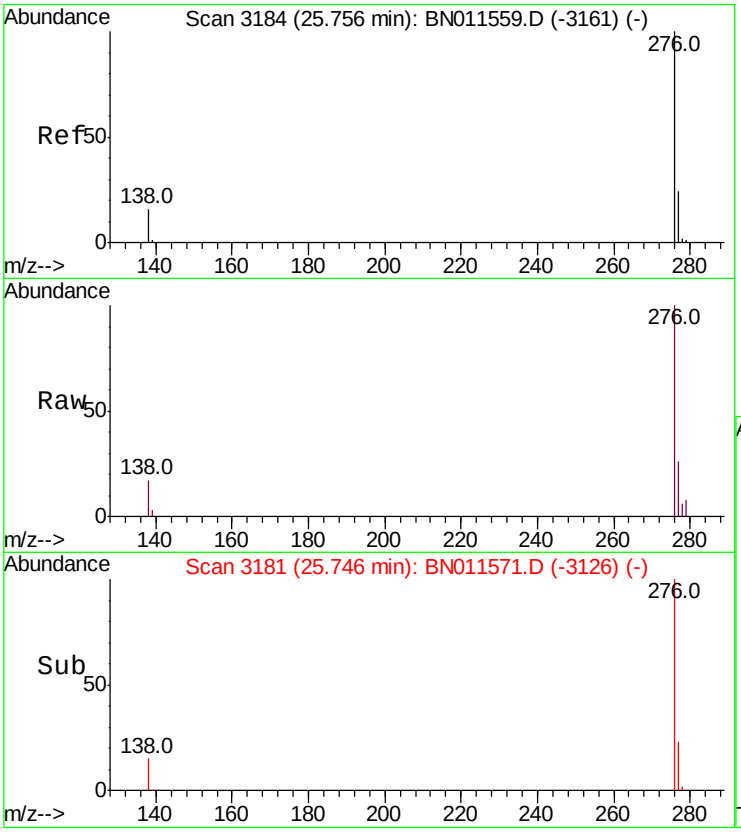


#40
Dibenzo(a,h)anthracene
Concen: 0.358 ng
RT: 25.15 min Scan# 3008
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Tgt Ion:278 Resp: 6635

Ion	Ratio	Lower	Upper
278	100		
139	14.3	14.0	21.0
279	33.2	32.4	48.6





#41
Benzo(g,h,i)perylene
Concen: 0.344 ng
RT: 25.75 min Scan# 3181
Delta R.T. -0.01 min
Lab File: BN011571.D
Acq: 22 Aug 2020 04:52

Instrument :
BNA_N
ClientSampleId :
PB131047BSD

Tgt Ion:276 Resp: 7599

Ion	Ratio	Lower	Upper
276	100		
277	26.0	22.1	33.1
138	17.0	15.4	23.2