Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019110.D
Acq On : 24 Mar 2022 03:57
Operator : CG/JU
Sample : PB143552BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Quant Time: Mar 24 05:33:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	4258	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	11174	0.400	ng		# 0.00
13) Acenaphthene-d10	14.484	164	6570	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	13176	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9738	0.400	ng		# 0.00
35) Perylene-d12	23.787	264	8244	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3122	0.327	ng		0.00
5) Phenol-d6	7.017	99	2997	0.300	ng		0.00
8) Nitrobenzene-d5	9.014	82	2407	0.299	ng		0.00
11) 2-Methylnaphthalene-d10	12.246	152	5978	0.322	ng		0.00
14) 2,4,6-Tribromophenol	15.984	330	737	0.232	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	9272	0.352	ng		-0.01
27) Fluoranthene-d10	19.261	212	13838	0.354	ng		0.00
31) Terphenyl-d14	19.860	244	7800	0.326	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	1924	0.366	ng		94
3) n-Nitrosodimethylamine	3.579	42	1749	0.285	ng		97
6) bis(2-Chloroethyl)ether	7.269	93	3992	0.335	ng		98
9) Naphthalene	10.701	128	11354	0.357	ng		99
10) Hexachlorobutadiene	11.000	225	2684	0.345	ng	#	99
12) 2-Methylnaphthalene	12.321	142	7036	0.326	ng		99
16) Acenaphthylene	14.206	152	9598	0.315	ng		100
17) Acenaphthene	14.549	154	7249	0.339	ng		98
18) Fluorene	15.532	166	8963	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	369	0.258	ng	#	55
21) 4-Bromophenyl-phenylether	16.425	248	2854	0.343	ng	#	94
22) Hexachlorobenzene	16.549	284	4038	0.377	ng		97
23) Atrazine	16.682	200	1695	0.273	ng		96
24) Pentachlorophenol	16.897	266	452	0.138	ng		93
25) Phenanthrene	17.267	178	14268	0.346	ng		100
26) Anthracene	17.369	178	10691	0.307	ng		100
28) Fluoranthene	19.291	202	17173	0.355	ng		100
30) Pyrene	19.653	202	17613	0.363	ng		99
32) Benzo(a)anthracene	21.404	228	9264	0.309	ng		98
33) Chrysene	21.458	228	14743	0.364	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	5774	0.290	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.240	276	9606	0.323	ng		98
37) Benzo(b)fluoranthene	23.115	252	14538	0.483	ng		95
38) Benzo(k)fluoranthene	23.115	252	14064	0.341	ng		94
39) Benzo(a)pyrene	23.688	252	9841	0.360	ng	#	80
40) Dibenzo(a,h)anthracene	26.273	278	6336	0.273	ng	#	86
41) Benzo(g,h,i)perylene	26.983	276	11550	0.395	ng		97

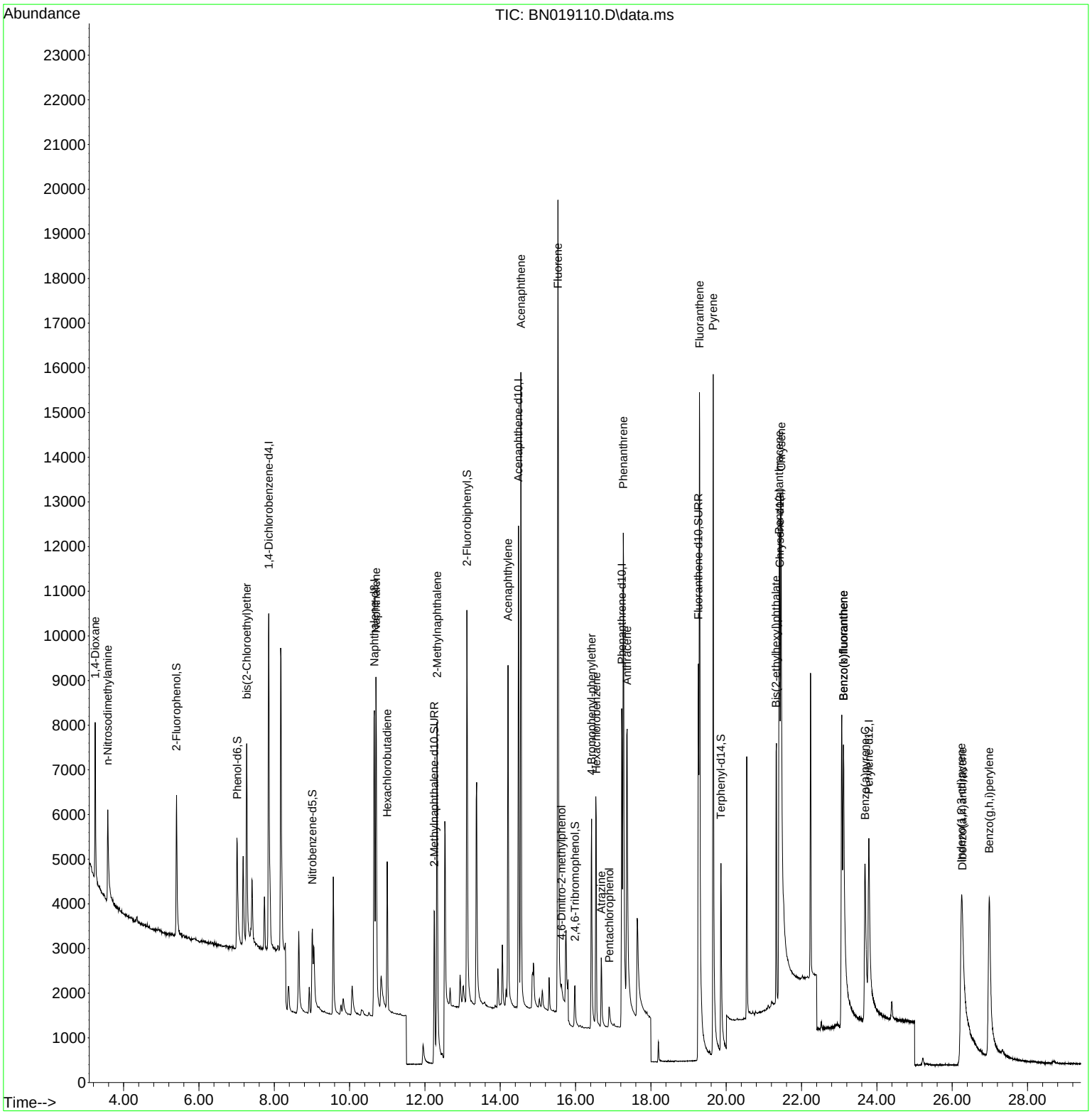
(#) = qualifier out of range (m) = manual integration (+) = signals summed

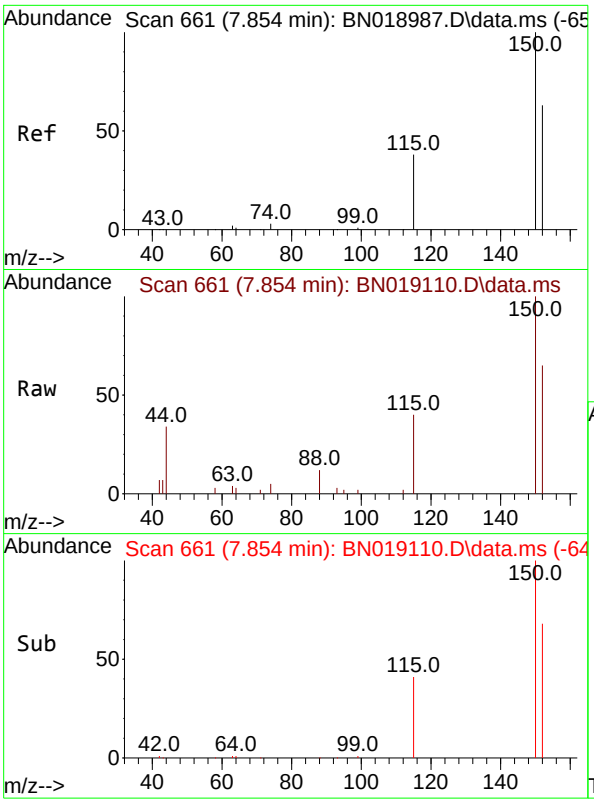
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019110.D
Acq On : 24 Mar 2022 03:57
Operator : CG/JU
Sample : PB143552BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Quant Time: Mar 24 05:33:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration



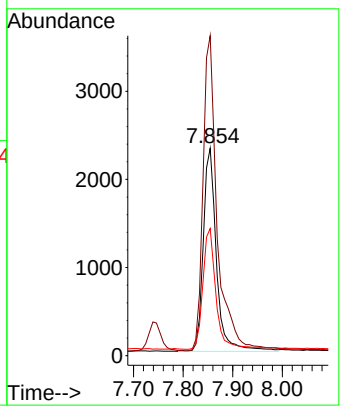


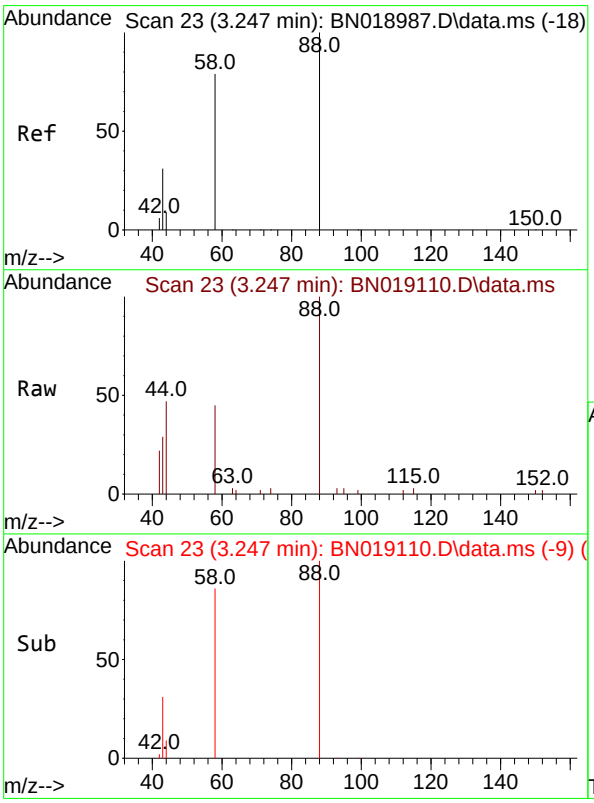
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:152 Resp: 4258

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.9	185.9
115	61.3	48.2	72.4

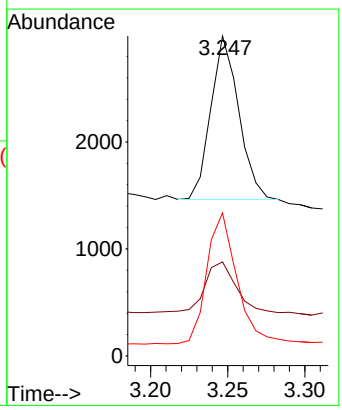


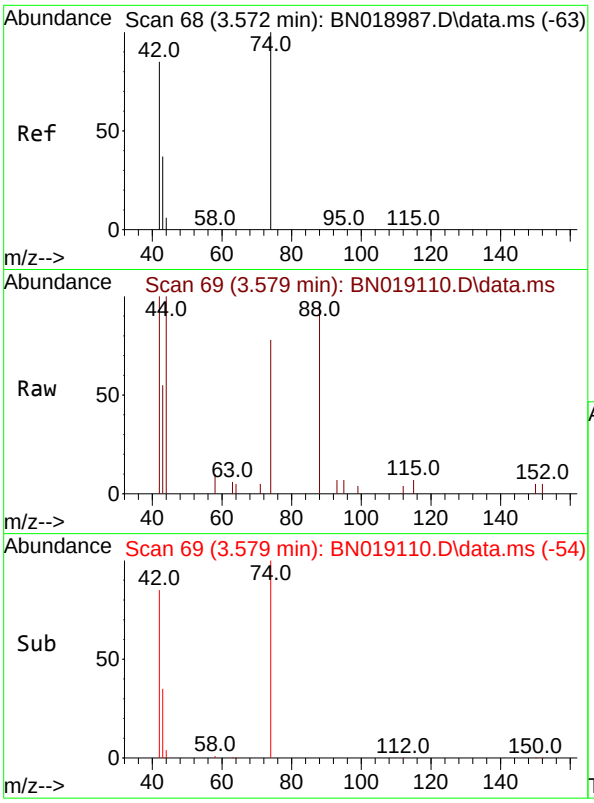


#2
1,4-Dioxane
Concen: 0.366 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion: 88 Resp: 1924

Ion	Ratio	Lower	Upper
88	100		
43	34.3	24.6	37.0
58	86.9	65.4	98.2



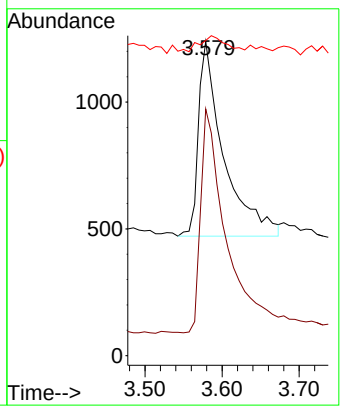


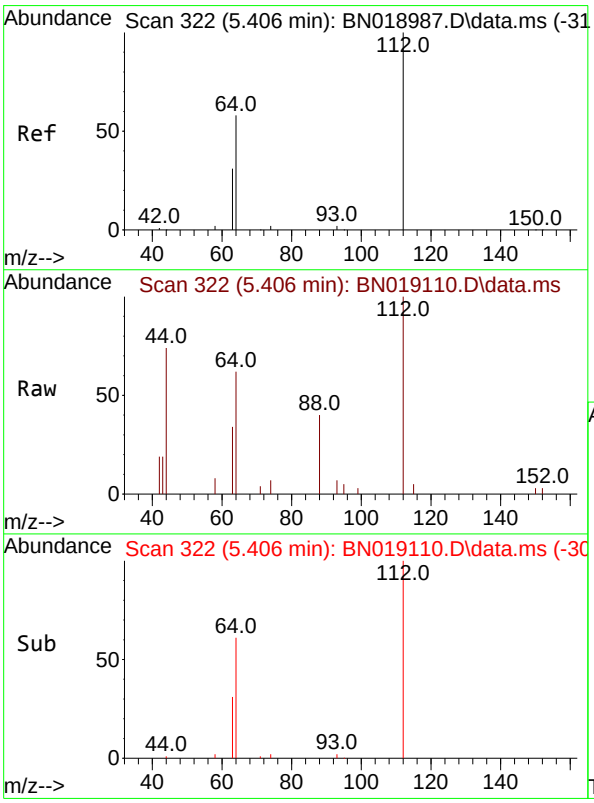
#3
n-Nitrosodimethylamine
Concen: 0.285 ng
RT: 3.579 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion: 42 Resp: 1749

Ion	Ratio	Lower	Upper
42	100		
74	117.6	96.9	145.3
44	8.6	7.3	10.9

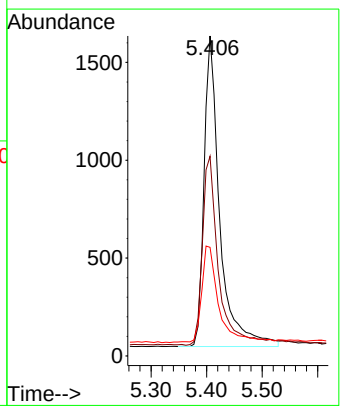


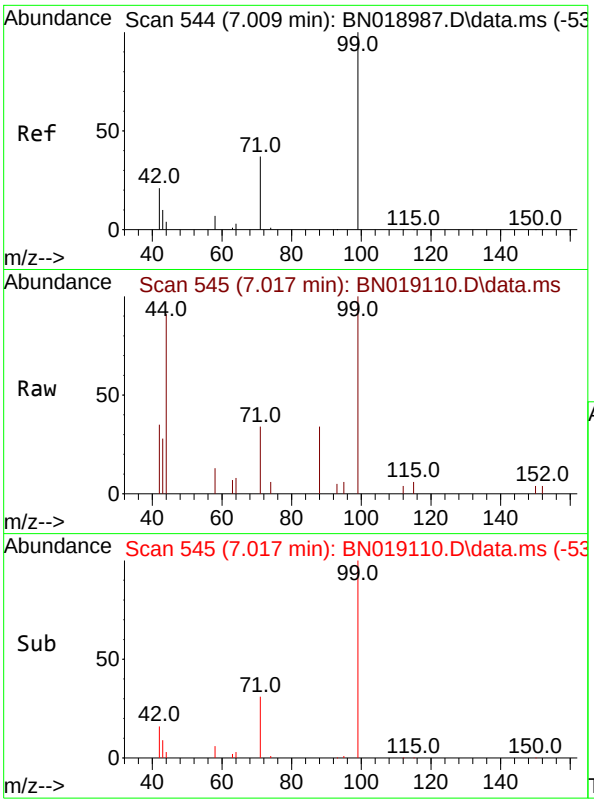


#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:112 Resp: 3122

Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.8	71.8
63	33.7	25.7	38.5



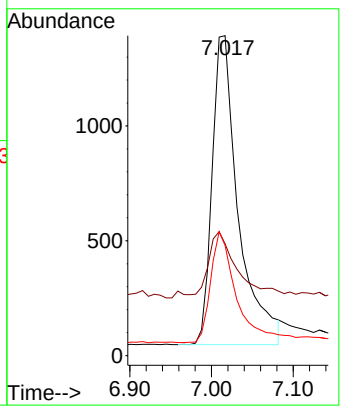


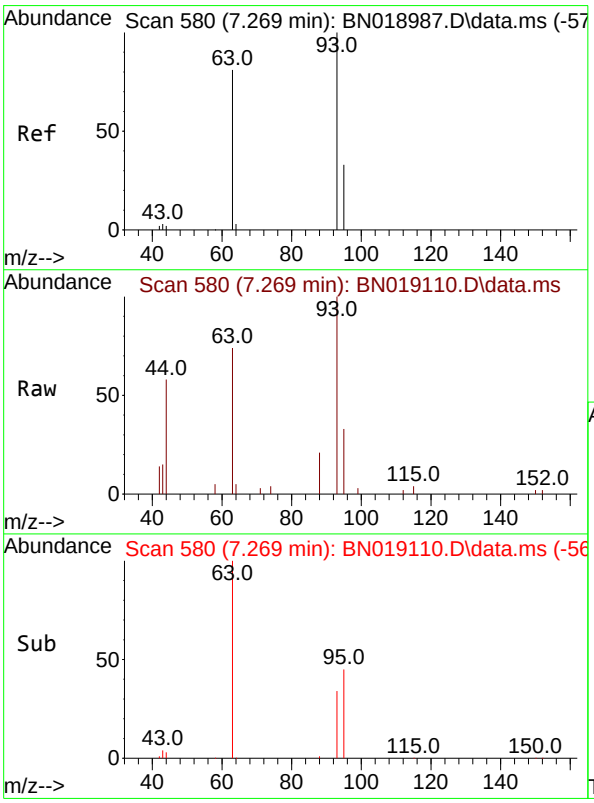
#5
Phenol-d6
Concen: 0.300 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion: 99 Resp: 2997

Ion	Ratio	Lower	Upper
99	100		
42	21.6	16.2	24.4
71	34.7	27.7	41.5

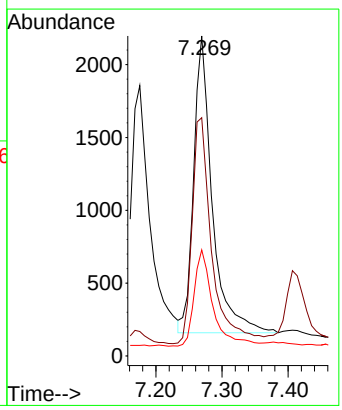


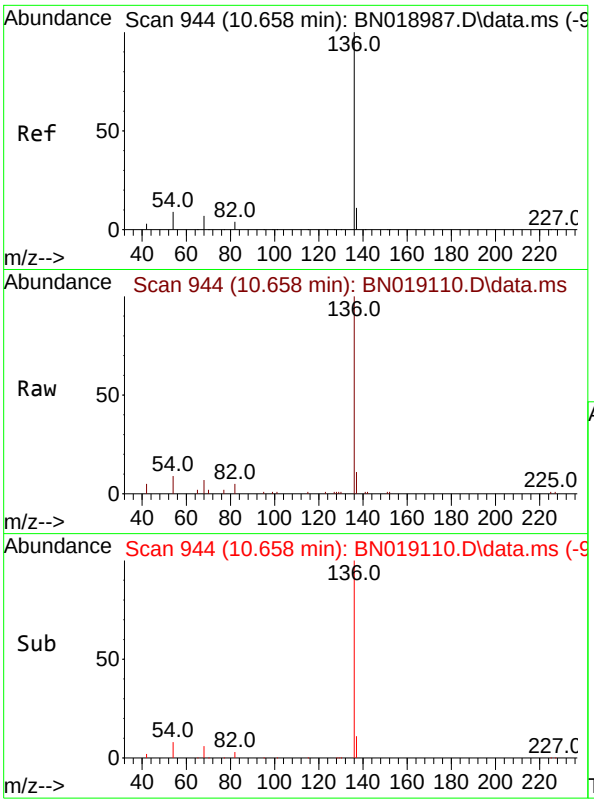


#6
bis(2-Chloroethyl)ether
Concen: 0.335 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion: 93 Resp: 3992

Ion	Ratio	Lower	Upper
93	100		
63	80.8	62.8	94.2
95	32.9	26.2	39.4



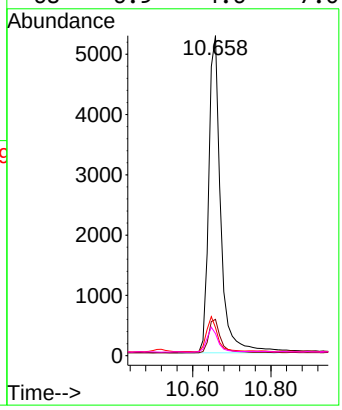


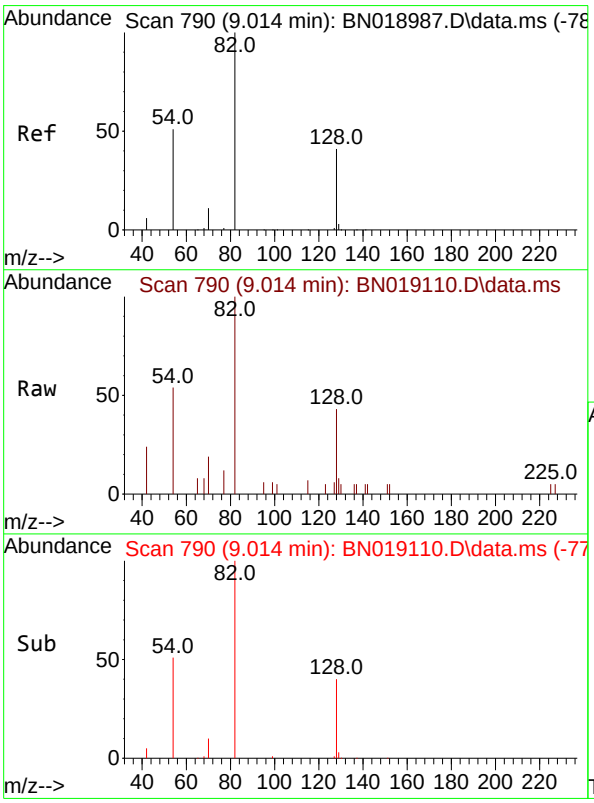
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:136 Resp: 11174

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	8.8	5.8	8.6#
68	6.9	4.6	7.0

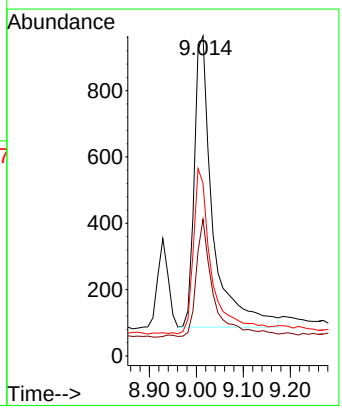


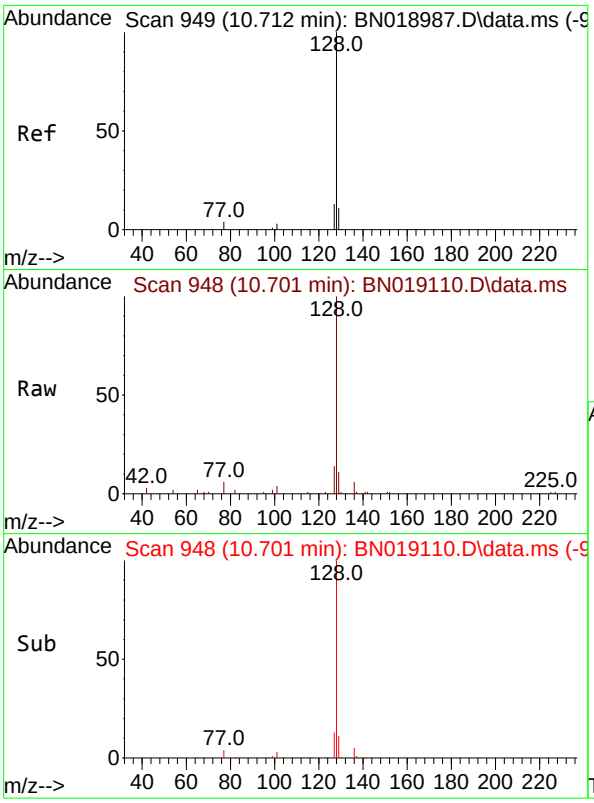


#8
Nitrobenzene-d5
Concen: 0.299 ng
RT: 9.014 min Scan# 790
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion: 82 Resp: 2407

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.0	49.6
54	54.0	42.5	63.7



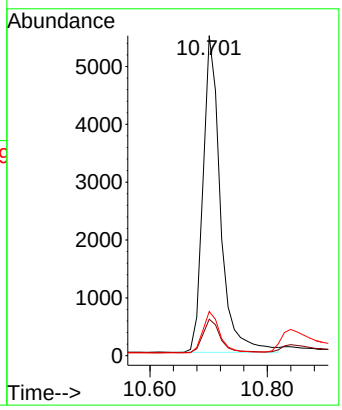


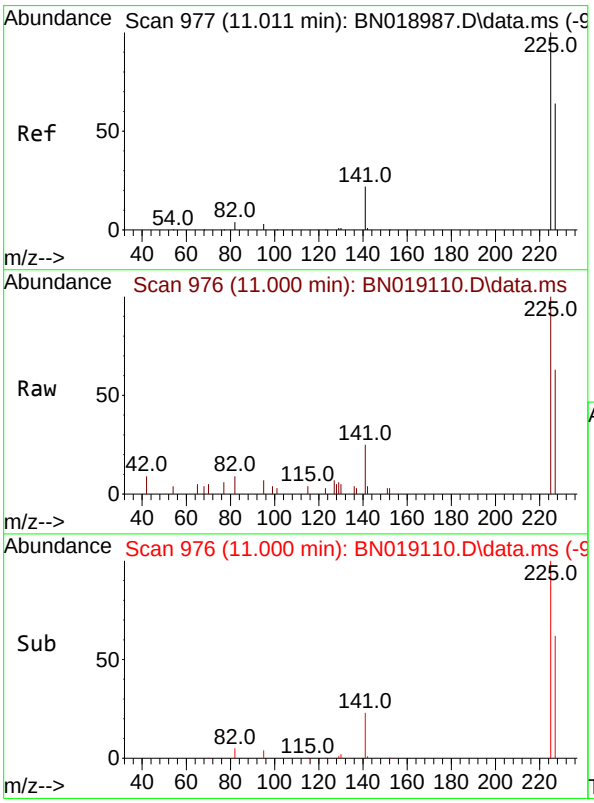
#9
Naphthalene
Concen: 0.357 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:128 Resp: 11354

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.8	10.7	16.1

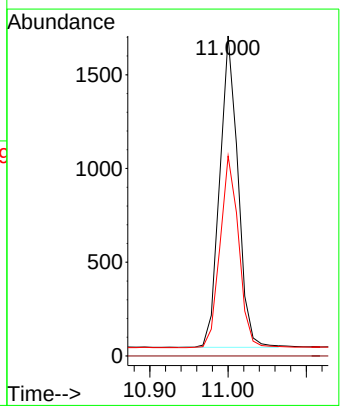


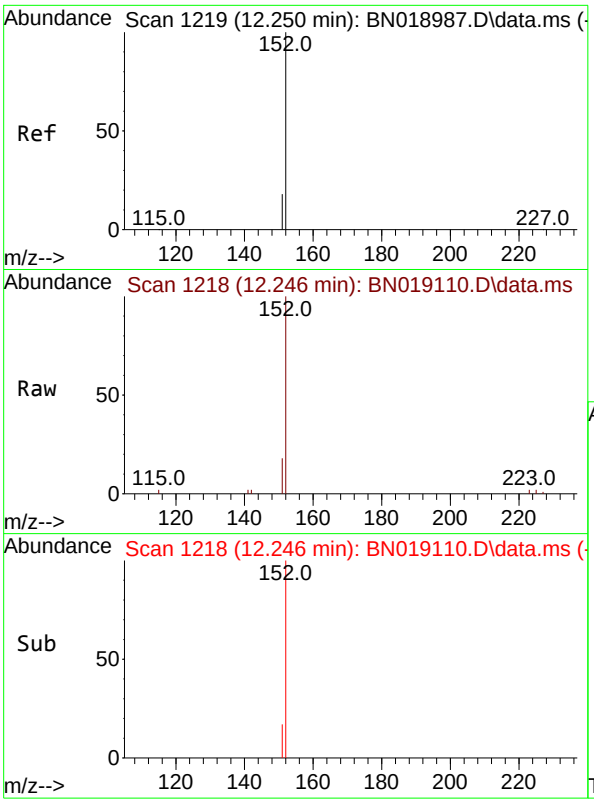


#10
Hexachlorobutadiene
Concen: 0.345 ng
RT: 11.000 min Scan# 976
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:225 Resp: 2684

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.7	51.0	76.6



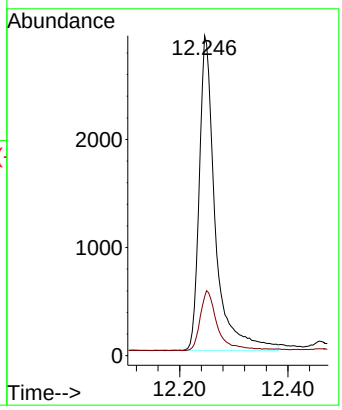


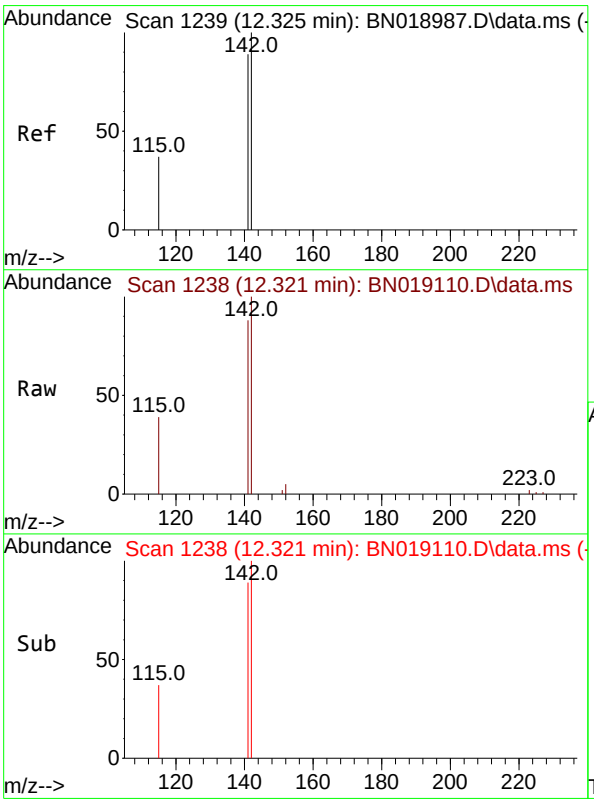
#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.246 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:152 Resp: 5978

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

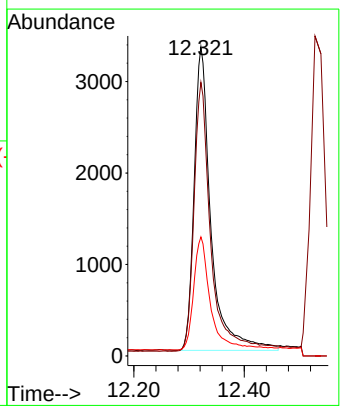


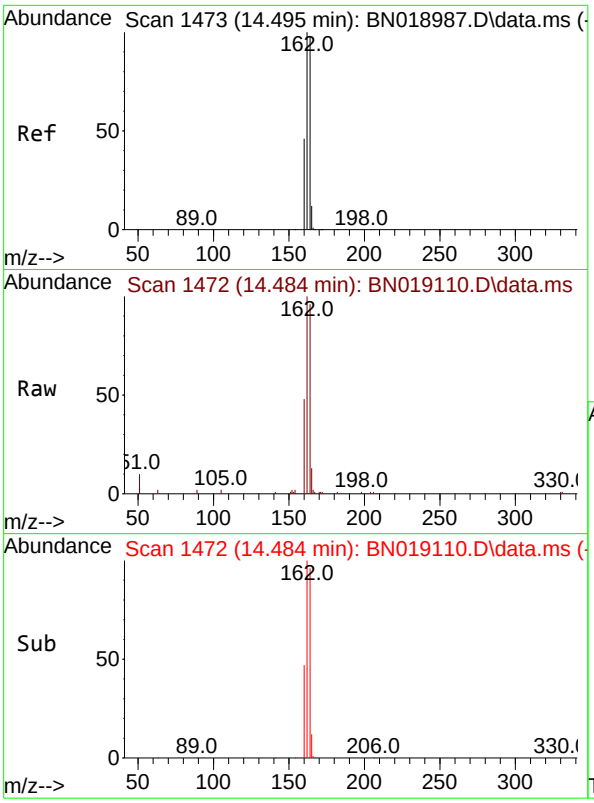


#12
2-Methylnaphthalene
Concen: 0.326 ng
RT: 12.321 min Scan# 1238
Delta R.T. -0.004 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:142 Resp: 7036

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.0	105.0
115	38.5	29.8	44.8



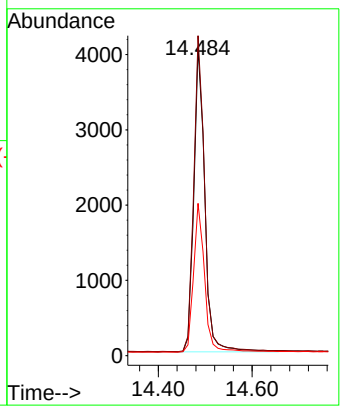


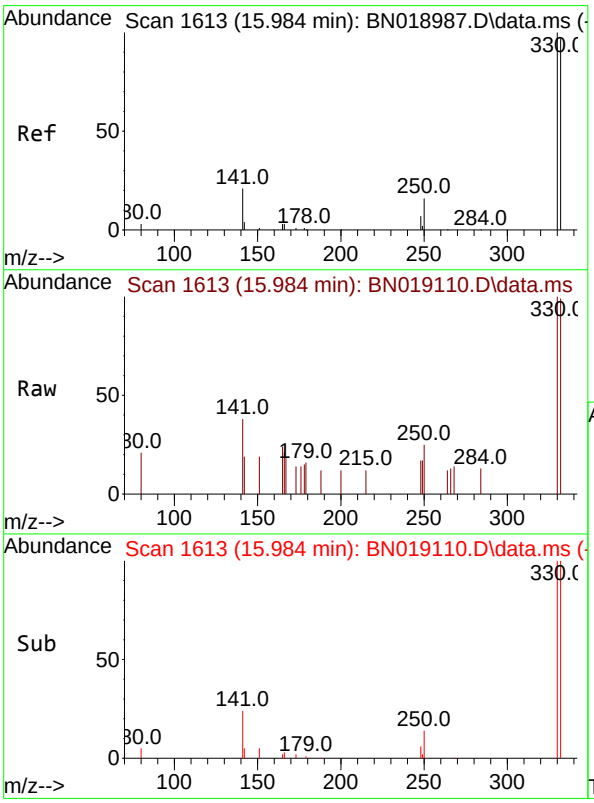
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:164 Resp: 6570

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.2	127.8
160	49.5	41.5	62.3

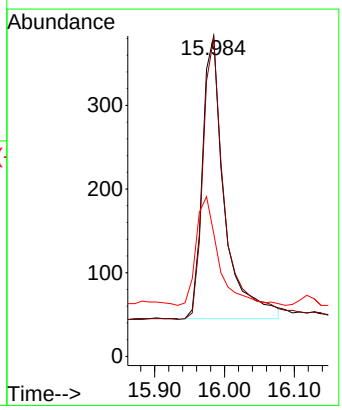


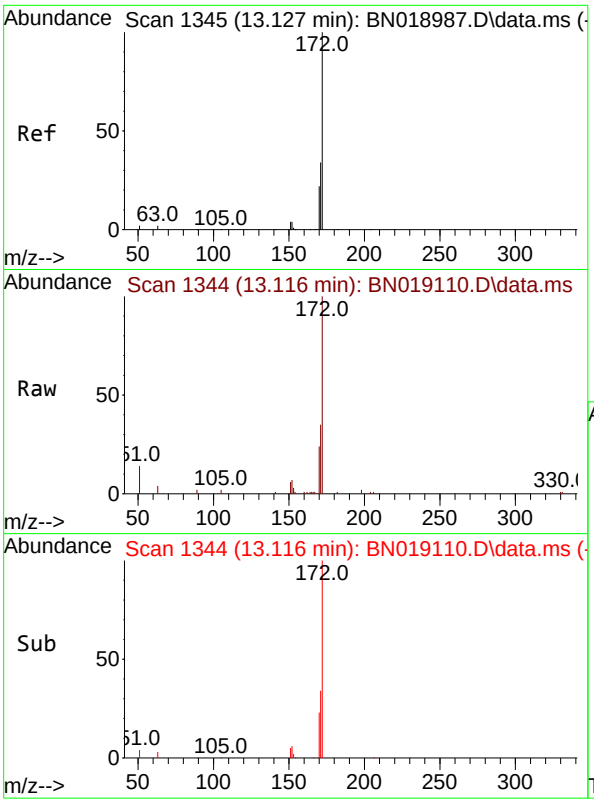


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 15.984 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:330 Resp: 737

Ion	Ratio	Lower	Upper
330	100		
332	99.9	76.8	115.2
141	39.5	32.2	48.2



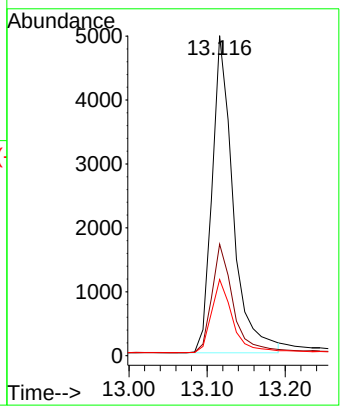


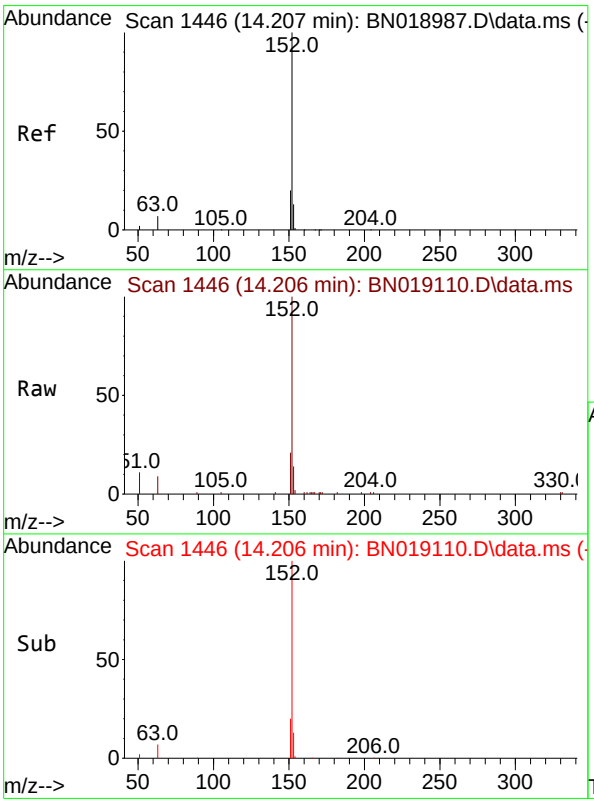
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:172 Resp: 9272

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.2	42.2
170	23.8	18.7	28.1

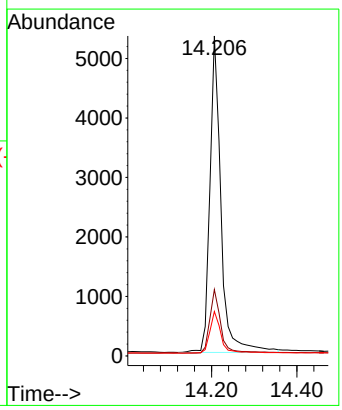


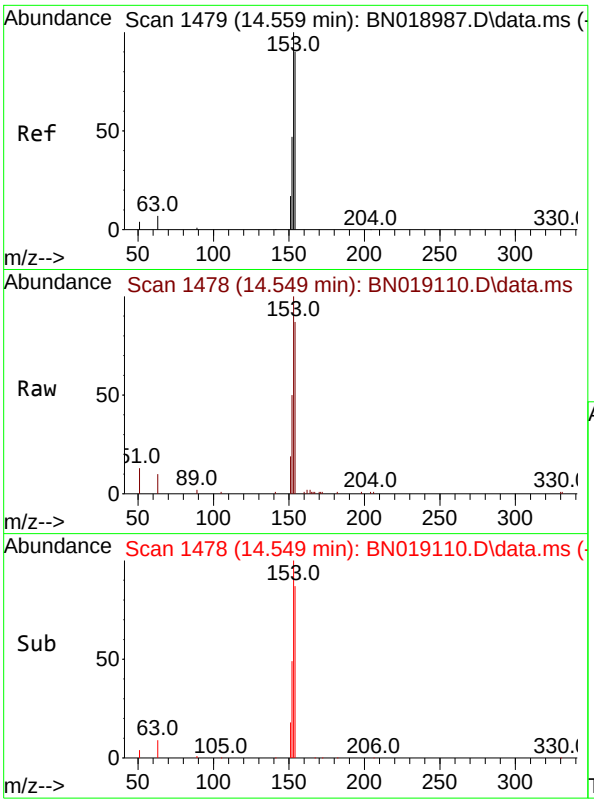


#16
Acenaphthylene
Concen: 0.315 ng
RT: 14.206 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:152 Resp: 9598

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.1	10.6	15.8



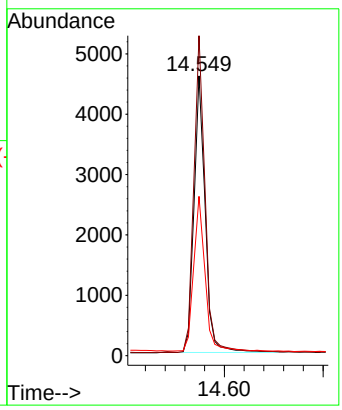


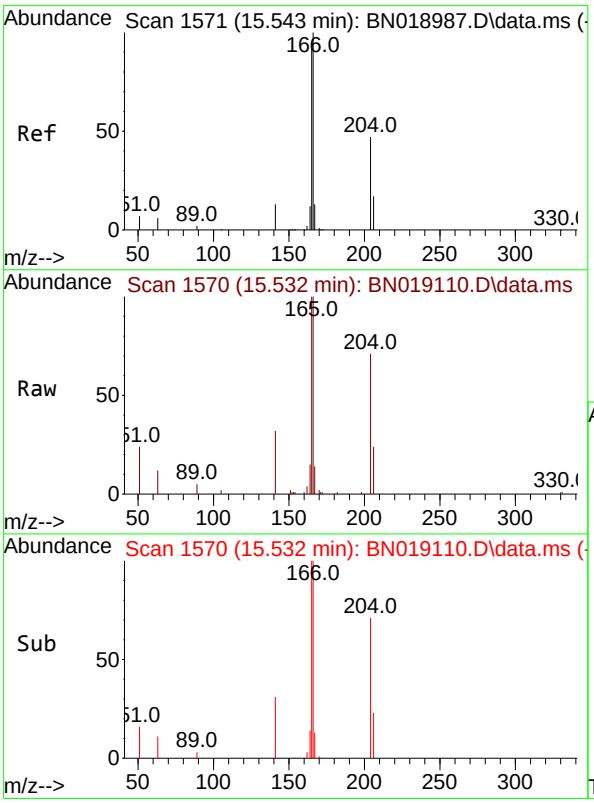
#17
Acenaphthene
Concen: 0.339 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:154 Resp: 7249

Ion	Ratio	Lower	Upper
154	100		
153	114.7	89.7	134.5
152	56.5	44.7	67.1

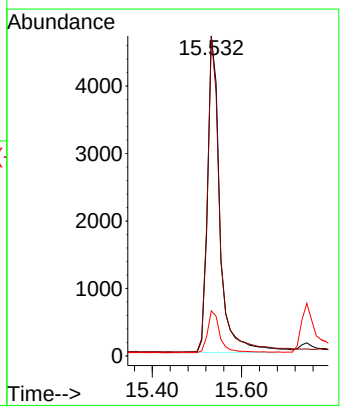


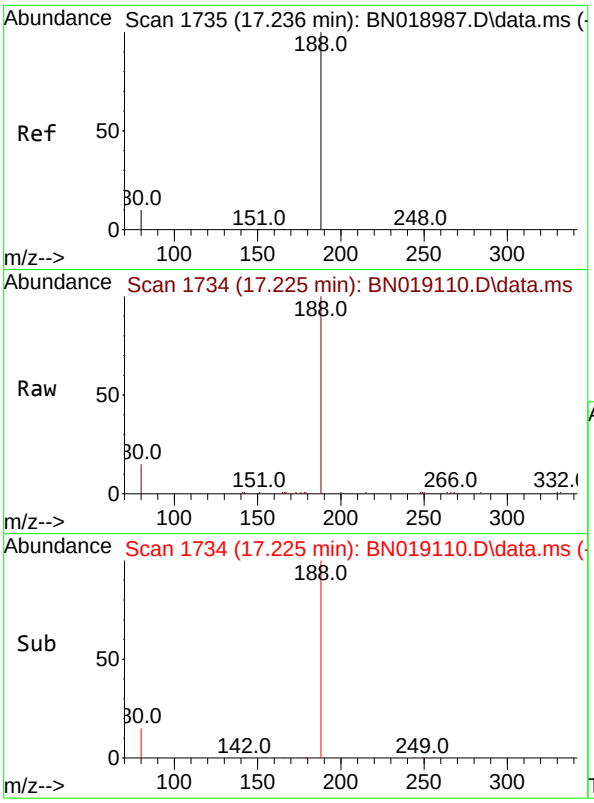


#18
Fluorene
Concen: 0.333 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:166 Resp: 8963

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.2	118.8
167	13.8	10.7	16.1



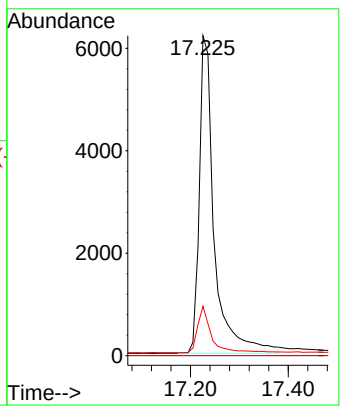


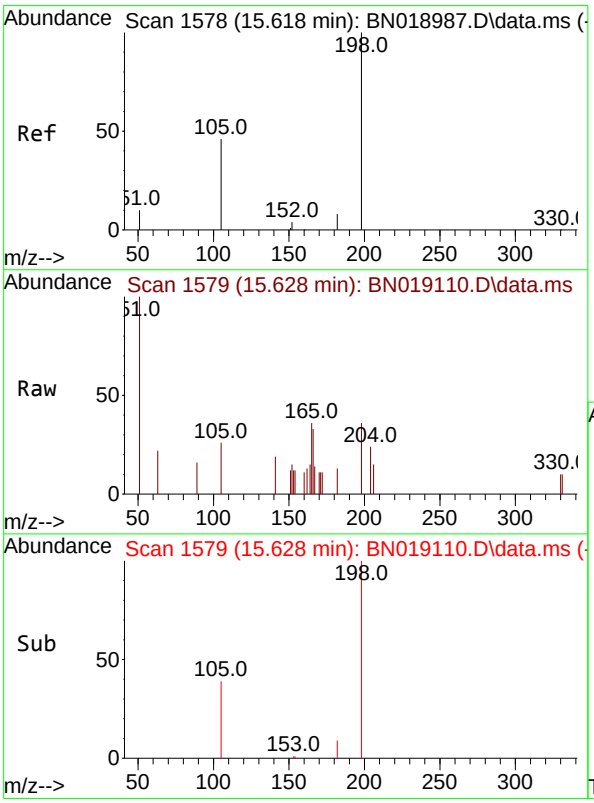
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:188 Resp: 13176

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.4	11.8	17.8

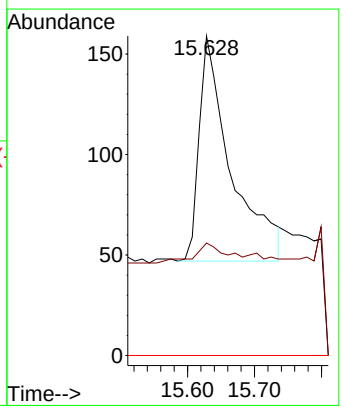


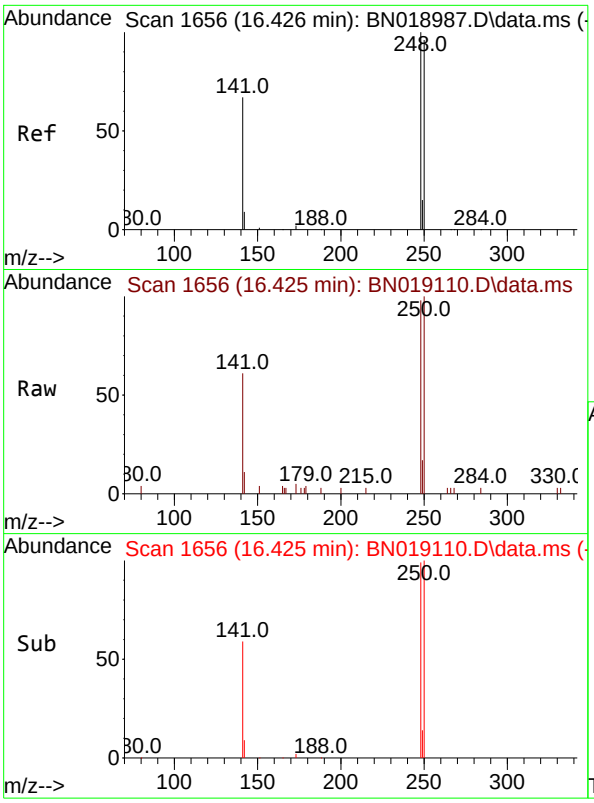


#20
4,6-Dinitro-2-methylphenol
Concen: 0.258 ng
RT: 15.628 min Scan# 1579
Delta R.T. 0.010 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:198 Resp: 369

Ion	Ratio	Lower	Upper
198	100		
182	35.2	13.0	19.4#
77	0.0	0.0	0.0



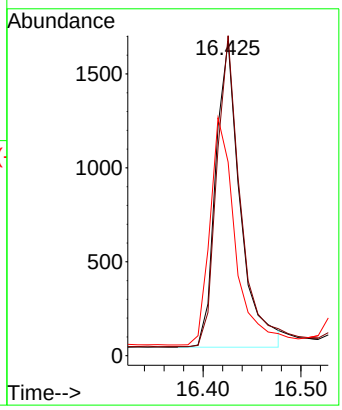


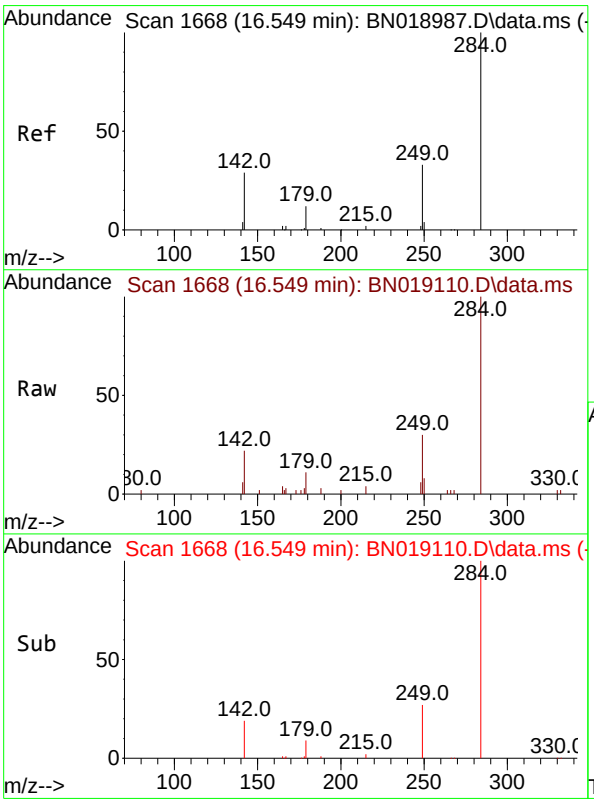
#21
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.425 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:248 Resp: 2854

Ion	Ratio	Lower	Upper
248	100		
250	101.6	80.7	121.1
141	61.5	39.6	59.4#

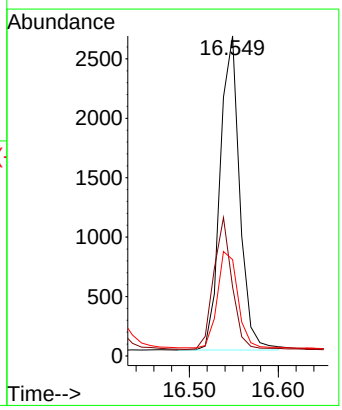


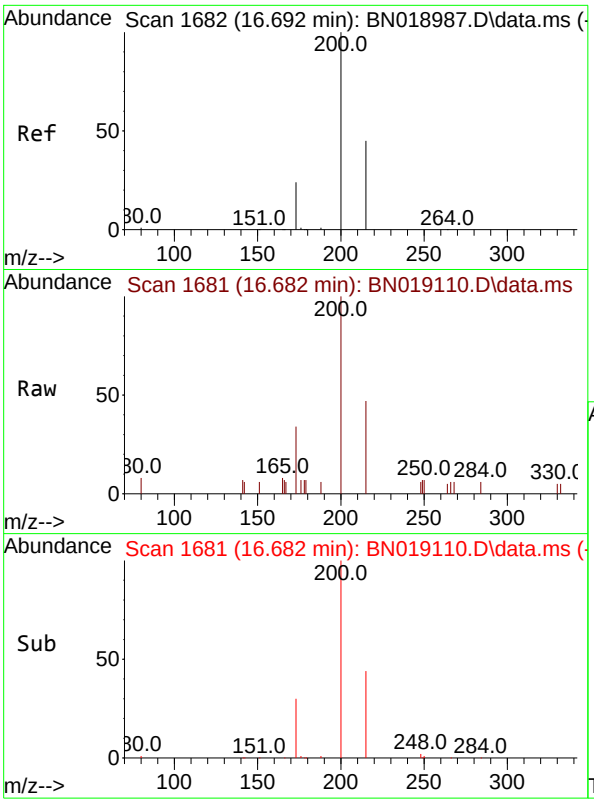


#22
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.549 min Scan# 1668
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:284 Resp: 4038

Ion	Ratio	Lower	Upper
284	100		
142	39.5	29.8	44.8
249	31.8	26.2	39.2



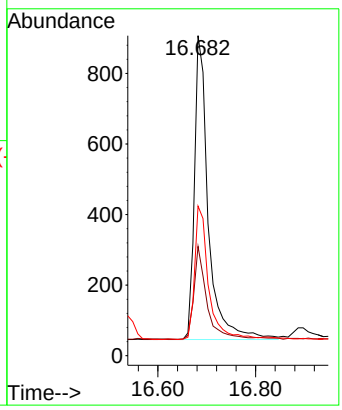


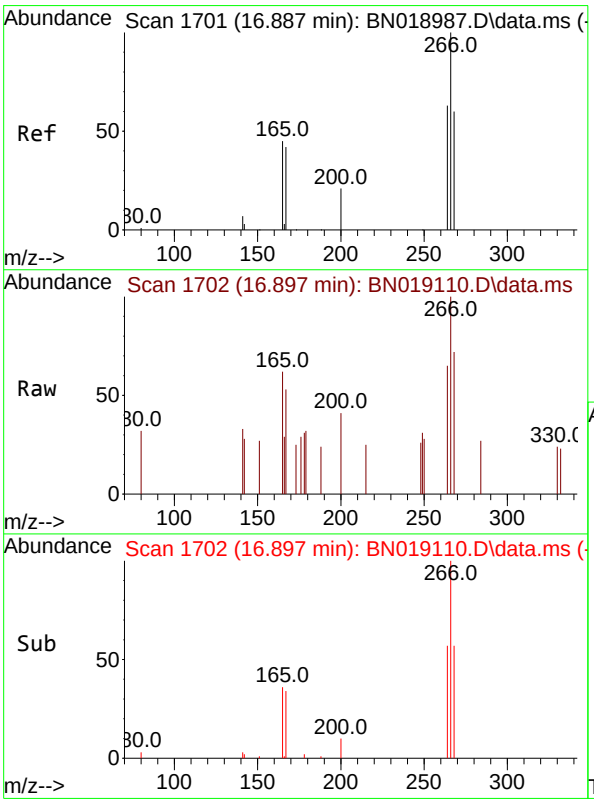
#23
Atrazine
Concen: 0.273 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:200 Resp: 1695

Ion	Ratio	Lower	Upper
200	100		
173	34.2	23.9	35.9
215	46.7	36.6	54.8

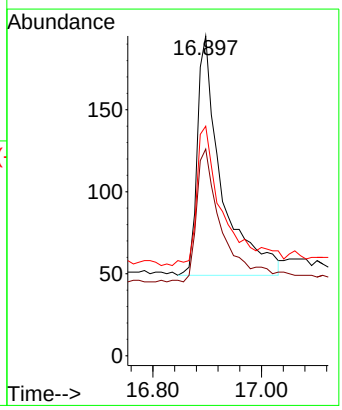


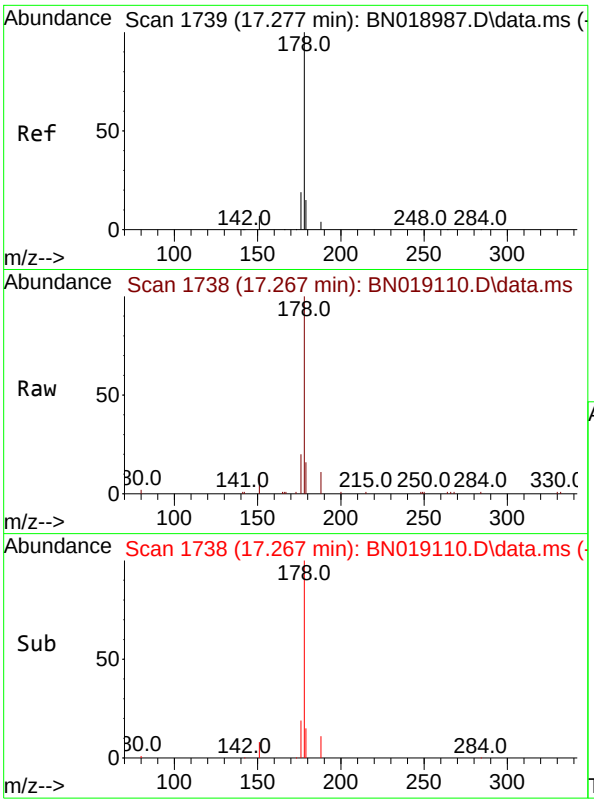


#24
Pentachlorophenol
Concen: 0.138 ng
RT: 16.897 min Scan# 1702
Delta R.T. 0.010 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:266 Resp: 452

Ion	Ratio	Lower	Upper
266	100		
264	58.2	50.2	75.4
268	58.0	51.9	77.9



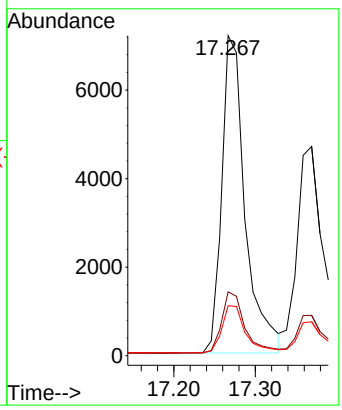


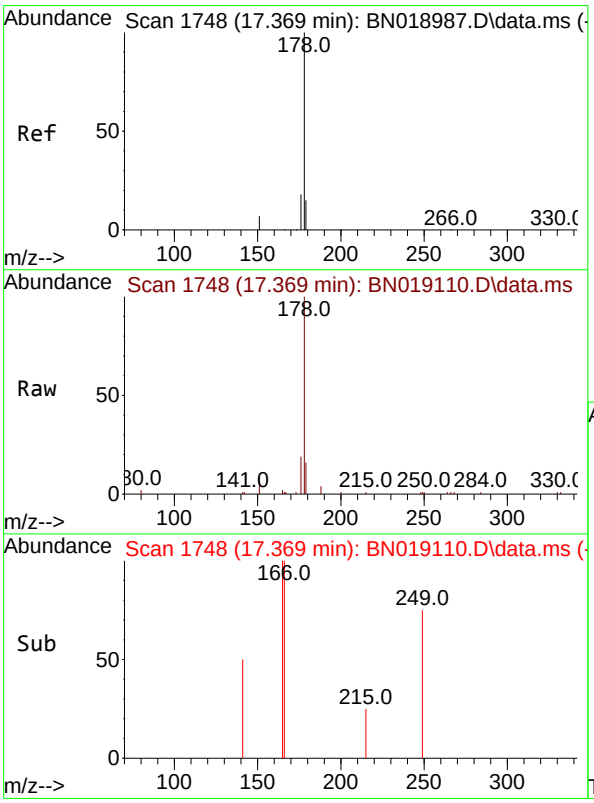
#25
Phenanthrene
Concen: 0.346 ng
RT: 17.267 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:178 Resp: 14268

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.2	12.2	18.2

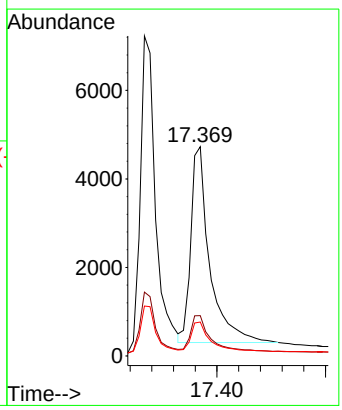


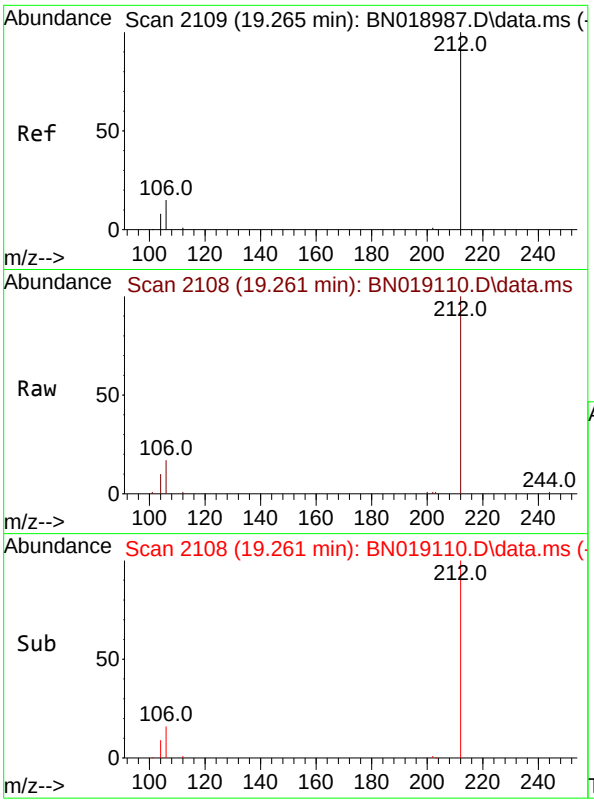


#26
Anthracene
Concen: 0.307 ng
RT: 17.369 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:178 Resp: 10691

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.2	18.4



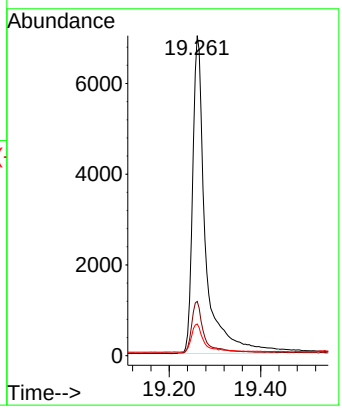


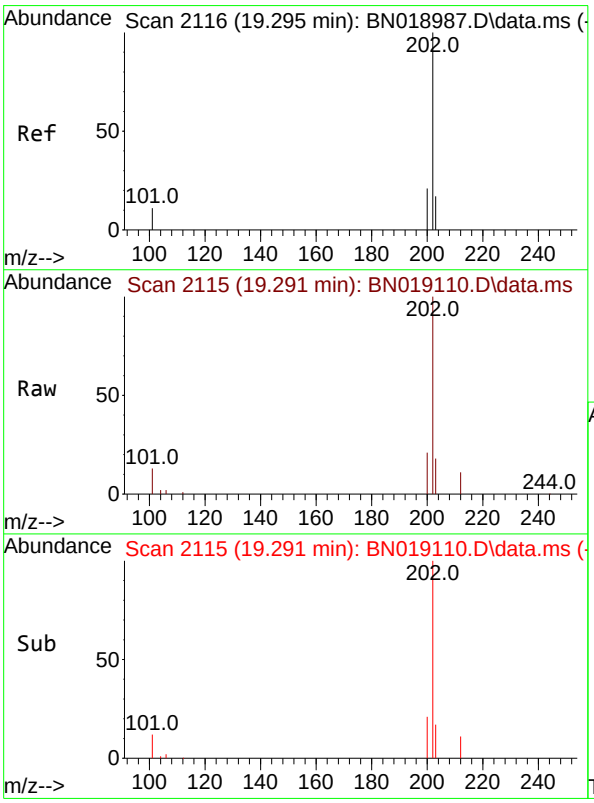
#27
Fluoranthene-d10
Concen: 0.354 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:212 Resp: 13838

Ion	Ratio	Lower	Upper
212	100		
106	16.3	12.7	19.1
104	9.0	7.1	10.7

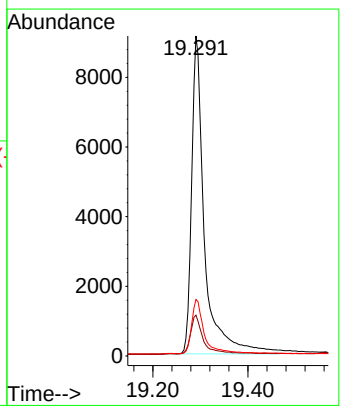


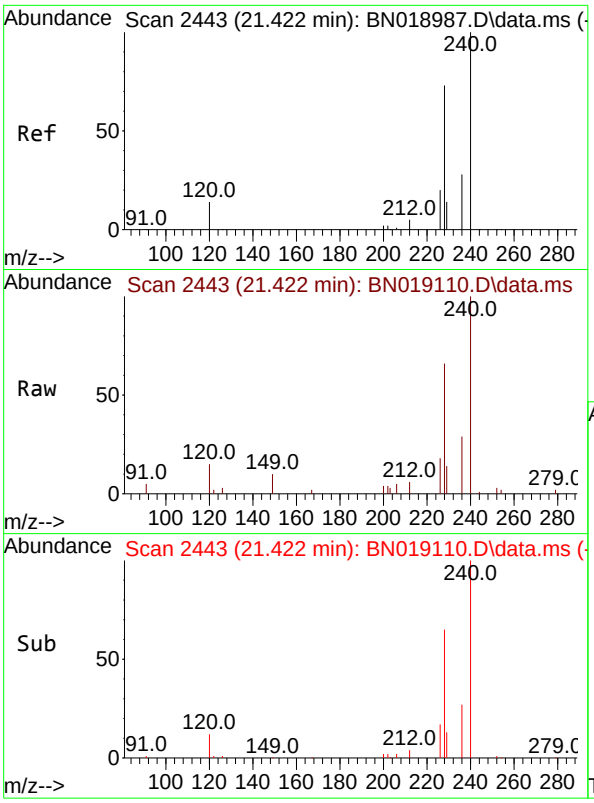


#28
Fluoranthene
Concen: 0.355 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:202 Resp: 17173

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.6
203	16.8	13.7	20.5



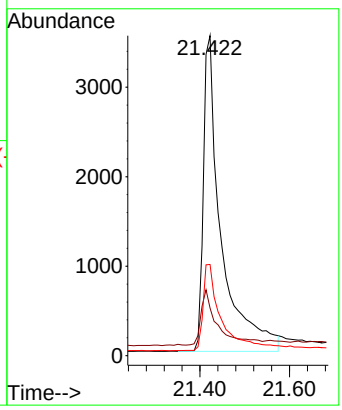


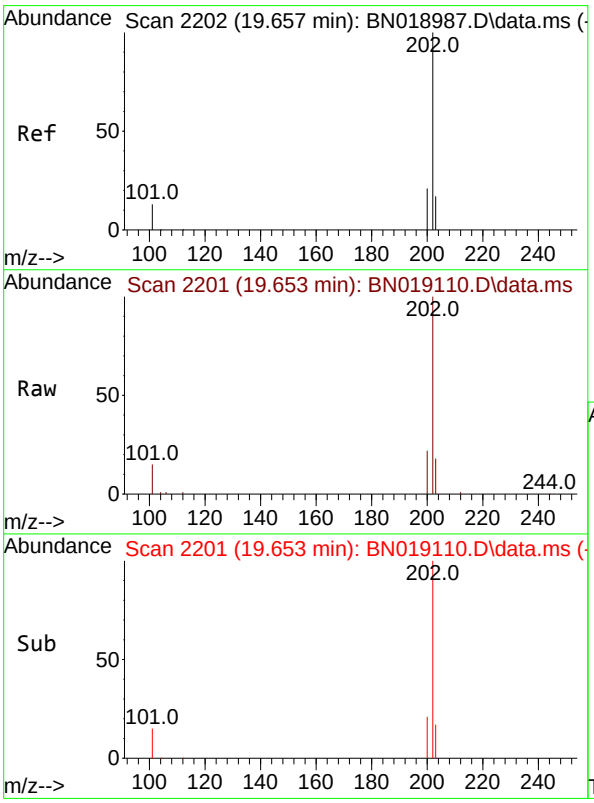
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:240 Resp: 9738

Ion	Ratio	Lower	Upper
240	100		
120	14.9	8.5	12.7#
236	28.5	22.4	33.6

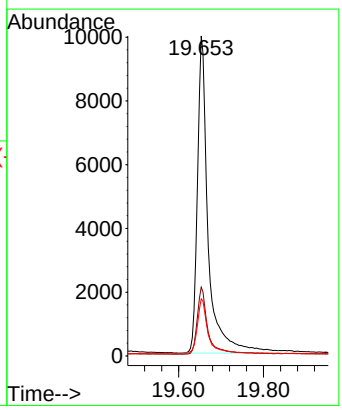


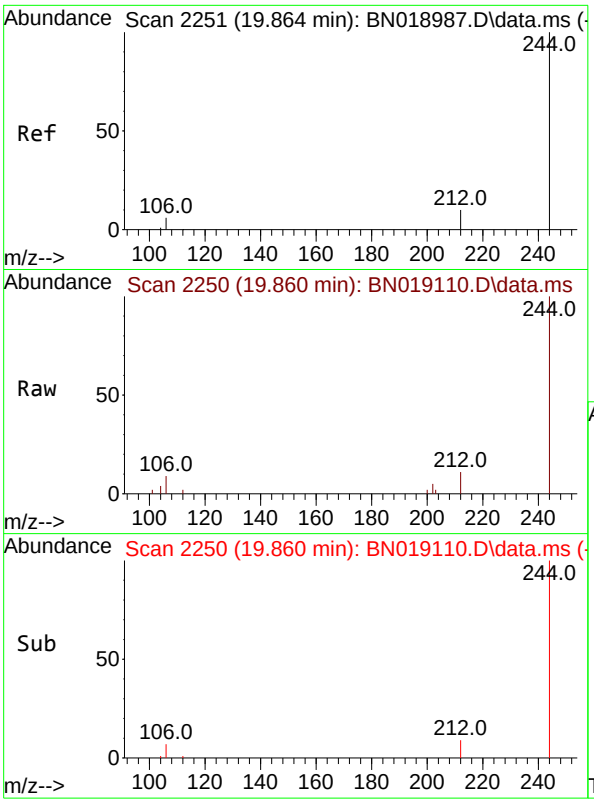


#30
Pyrene
Concen: 0.363 ng
RT: 19.653 min Scan# 2201
Delta R.T. -0.004 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:202 Resp: 17613

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.9	25.3
203	17.7	14.2	21.2



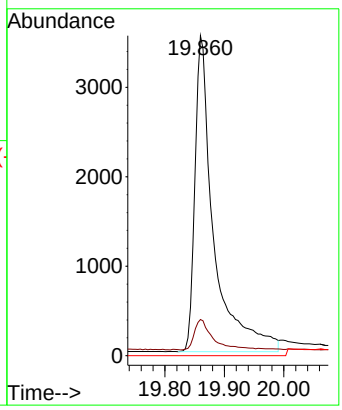


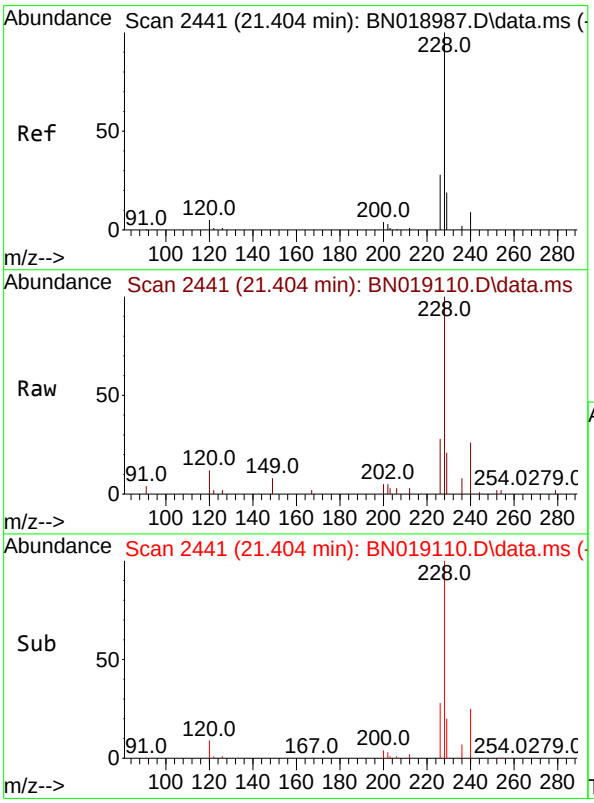
#31
Terphenyl-d14
Concen: 0.326 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:244 Resp: 7800

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.2	12.4
122	0.0	0.0	0.0

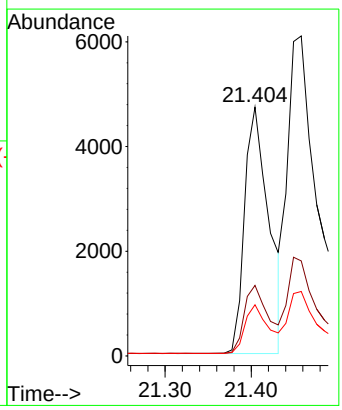


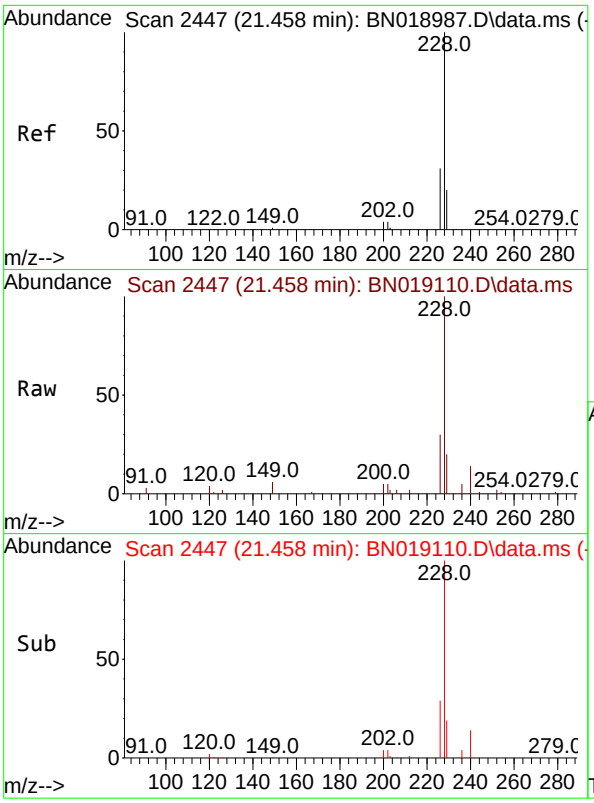


#32
Benzo(a)anthracene
Concen: 0.309 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:228 Resp: 9264

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.9	32.9
229	20.6	16.0	24.0



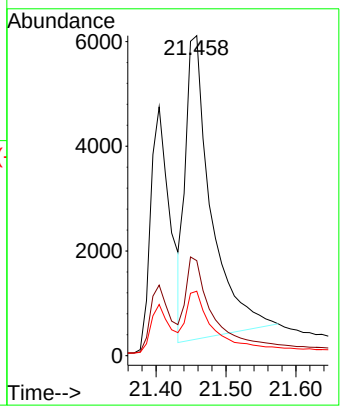


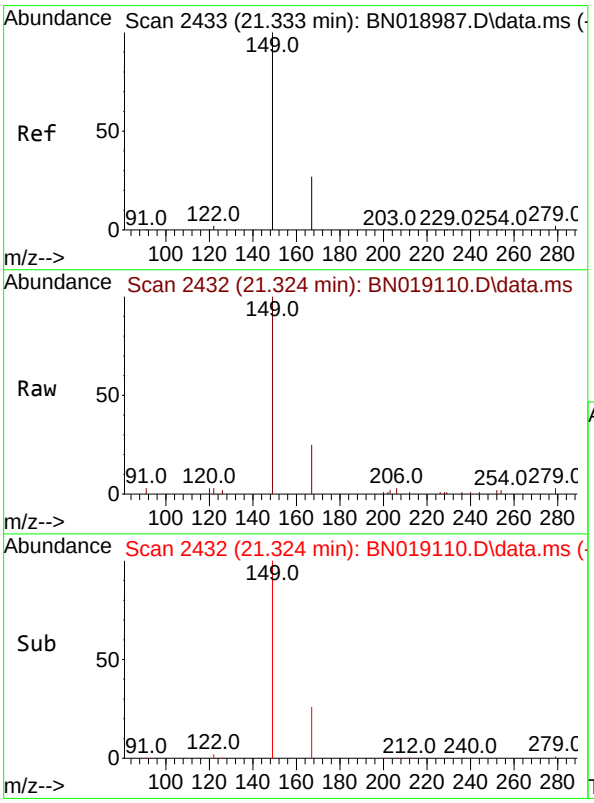
#33
Chrysene
Concen: 0.364 ng
RT: 21.458 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:228 Resp: 14743

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	20.2	15.9	23.9

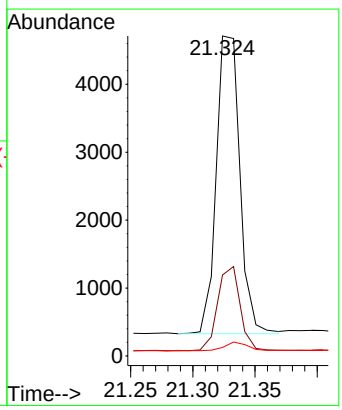


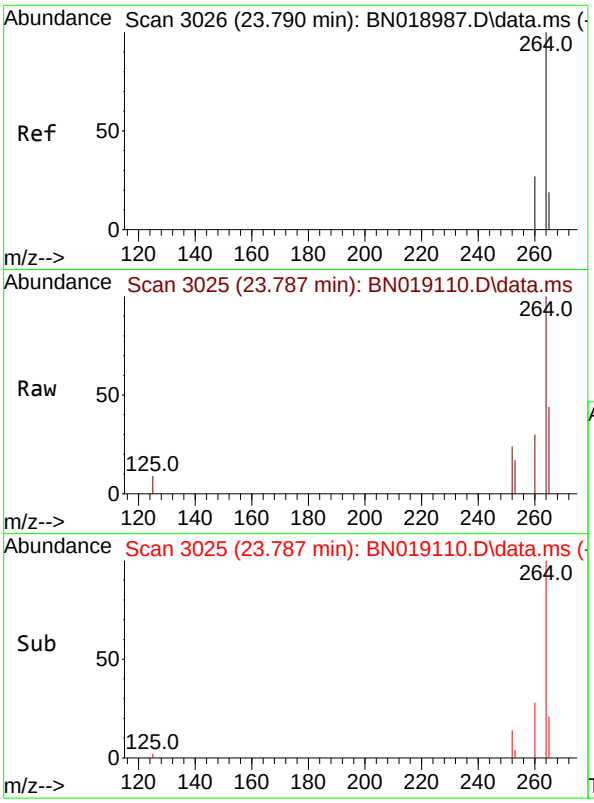


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.290 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:149 Resp: 5774

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.8	32.8
279	3.4	2.0	3.0#



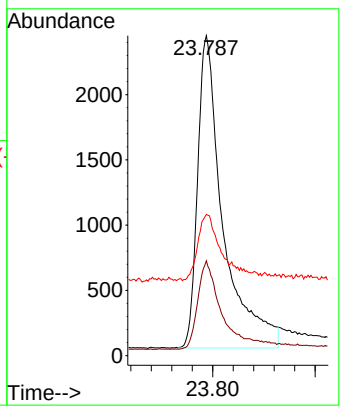


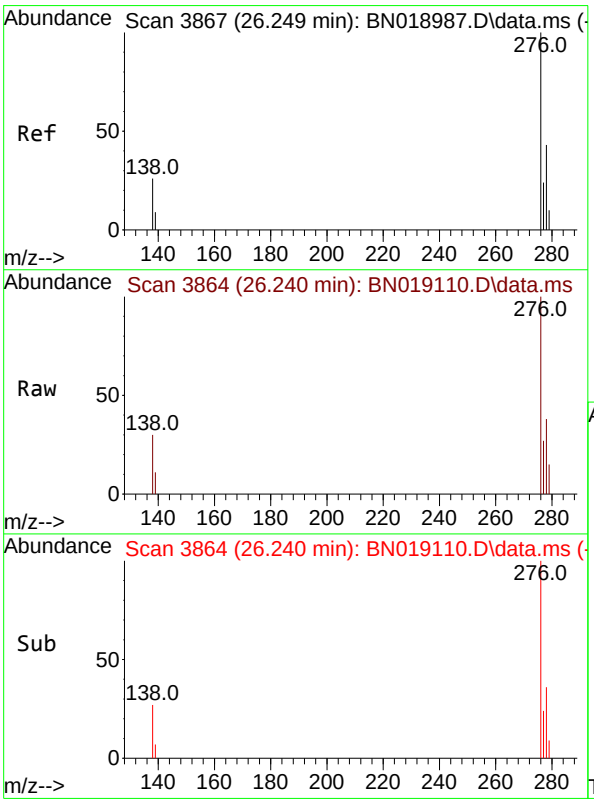
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:264 Resp: 8244

Ion	Ratio	Lower	Upper
264	100		
260	29.6	22.4	33.6
265	44.1	25.3	37.9#

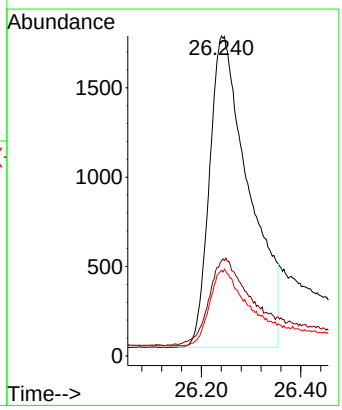


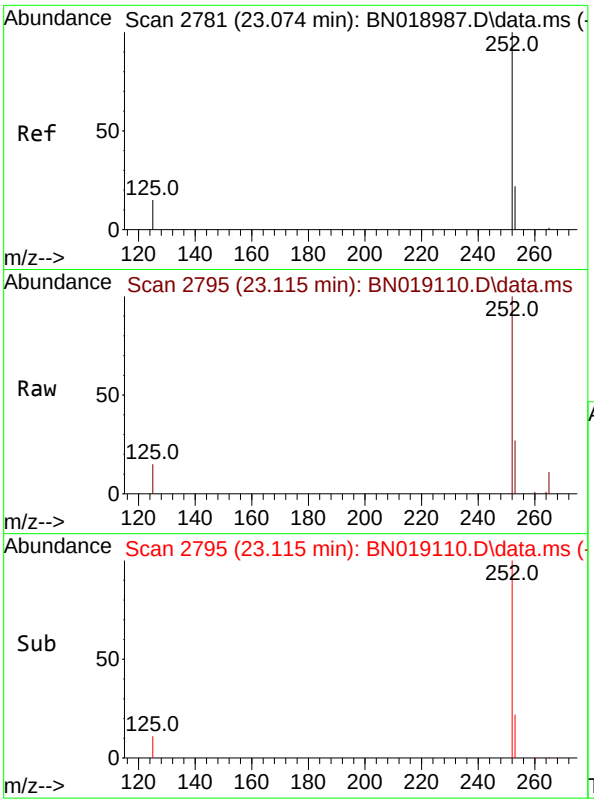


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng
RT: 26.240 min Scan# 3864
Delta R.T. -0.009 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:276 Resp: 9606

Ion	Ratio	Lower	Upper
276	100		
138	28.8	24.5	36.7
277	24.3	19.8	29.8



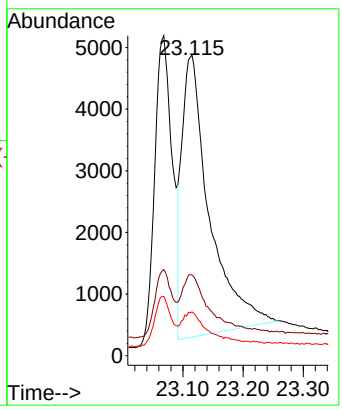


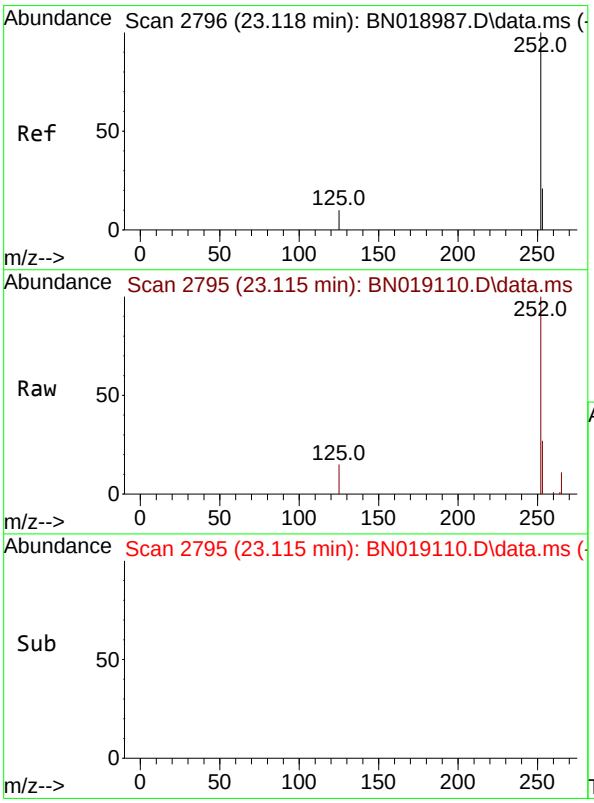
#37
Benzo(b)fluoranthene
Concen: 0.483 ng
RT: 23.115 min Scan# 2
Delta R.T. 0.041 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:252 Resp: 14538

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.9	28.3
125	14.6	12.1	18.1

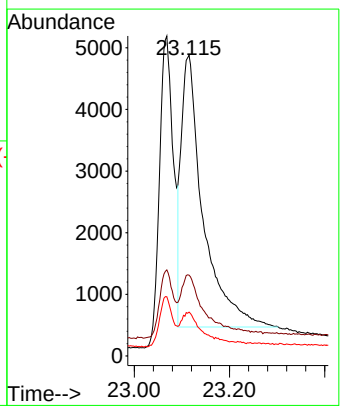


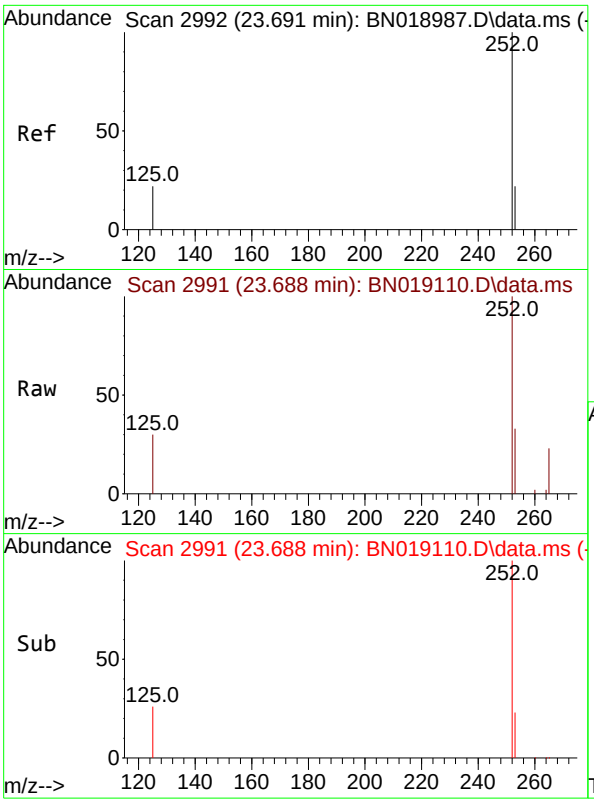


#38
Benzo(k)fluoranthene
Concen: 0.341 ng
RT: 23.115 min Scan# 2795
Delta R.T. -0.003 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:252 Resp: 14064

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.9	28.3
125	14.6	10.3	15.5



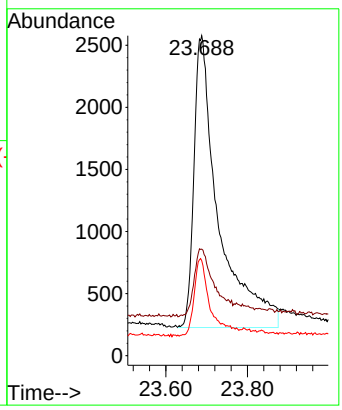


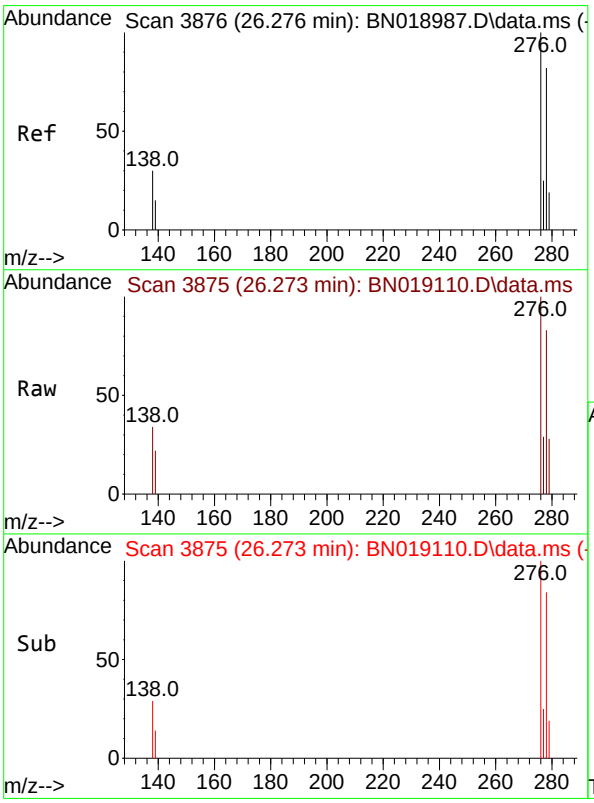
#39
Benzo(a)pyrene
Concen: 0.360 ng
RT: 23.688 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:252 Resp: 9841

Ion	Ratio	Lower	Upper
252	100		
253	33.3	20.1	30.1#
125	29.7	15.2	22.8#

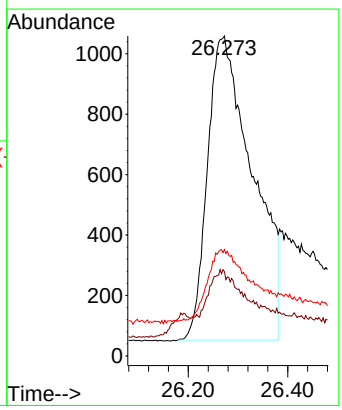


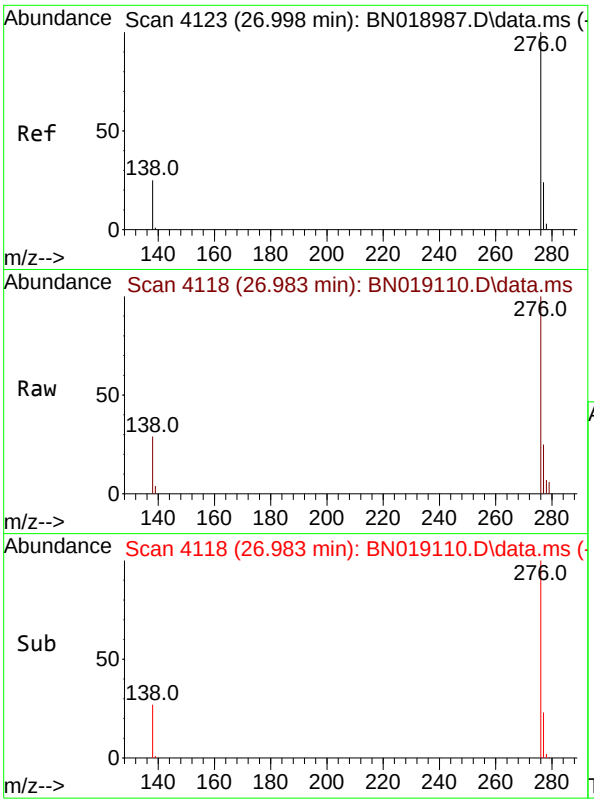


#40
Dibenzo(a,h)anthracene
Concen: 0.273 ng
RT: 26.273 min Scan# 3875
Delta R.T. -0.003 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Tgt Ion:278 Resp: 6336

Ion	Ratio	Lower	Upper
278	100		
139	26.3	17.2	25.8#
279	33.2	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.395 ng
RT: 26.983 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN019110.D
Acq: 24 Mar 2022 03:57

Instrument :
BNA_N
ClientSampleId :
PB143552BS

Tgt Ion:276 Resp: 11550

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.4	29.0
138	28.7	21.0	31.6