Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022981.D
Acq On : 30 Nov 2022 12:05
Operator : CG/JU
Sample : PB149254BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Quant Time: Nov 30 22:59:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	5318	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	14696	0.400	ng	#	0.00
13) Acenaphthene-d10	14.698	164	7601	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	15430	0.400	ng		0.00
29) Chrysene-d12	21.625	240	8981	0.400	ng	#	0.00
35) Perylene-d12	24.115	264	5849	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	4257	0.308	ng		0.00
5) Phenol-d6	7.205	99	5620	0.319	ng		0.00
8) Nitrobenzene-d5	9.217	82	4097	0.359	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	11980	0.376	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1033	0.281	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	13458	0.387	ng		0.00
27) Fluoranthene-d10	19.469	212	15223	0.363	ng		0.00
31) Terphenyl-d14	20.067	244	8059	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2362	0.350	ng		99
3) n-Nitrosodimethylamine	3.774	42	2385	0.328	ng		86
6) bis(2-Chloroethyl)ether	7.472	93	6219	0.376	ng		100
9) Naphthalene	10.925	128	16229	0.359	ng		100
10) Hexachlorobutadiene	11.224	225	3478	0.374	ng	#	100
12) 2-Methylnaphthalene	12.151	142	2605	0.282	ng	#	97
16) Acenaphthylene	14.420	152	12887	0.320	ng		99
17) Acenaphthene	14.763	154	9601	0.363	ng		98
18) Fluorene	15.739	166	11847	0.349	ng		100
20) 4,6-Dinitro-2-methylph...	15.813	198	602	0.349	ng	#	69
21) 4-Bromophenyl-phenylether	16.633	248	3823	0.343	ng		95
22) Hexachlorobenzene	16.744	284	5129	0.377	ng		96
23) Atrazine	16.893	200	2262	0.288	ng		96
24) Pentachlorophenol	17.092	266	1020	0.274	ng		99
25) Phenanthrene	17.489	178	19267	0.359	ng		100
26) Anthracene	17.576	178	14822	0.318	ng		100
28) Fluoranthene	19.498	202	19582	0.343	ng		97
30) Pyrene	19.861	202	17808	0.381	ng		100
32) Benzo(a)anthracene	21.607	228	12120	0.334	ng		98
33) Chrysene	21.670	228	14238	0.378	ng		99
34) Bis(2-ethylhexyl)phtha...	21.536	149	5423	0.372	ng		98
36) Indeno(1,2,3-cd)pyrene	26.717	276	9860	0.406	ng		97
37) Benzo(b)fluoranthene	23.355	252	10661	0.408	ng	#	92
38) Benzo(k)fluoranthene	23.404	252	10723	0.379	ng	#	93
39) Benzo(a)pyrene	24.004	252	7205	0.362	ng	#	87
40) Dibenzo(a,h)anthracene	26.740	278	8065	0.418	ng		93
41) Benzo(g,h,i)perylene	27.515	276	8669	0.417	ng		96

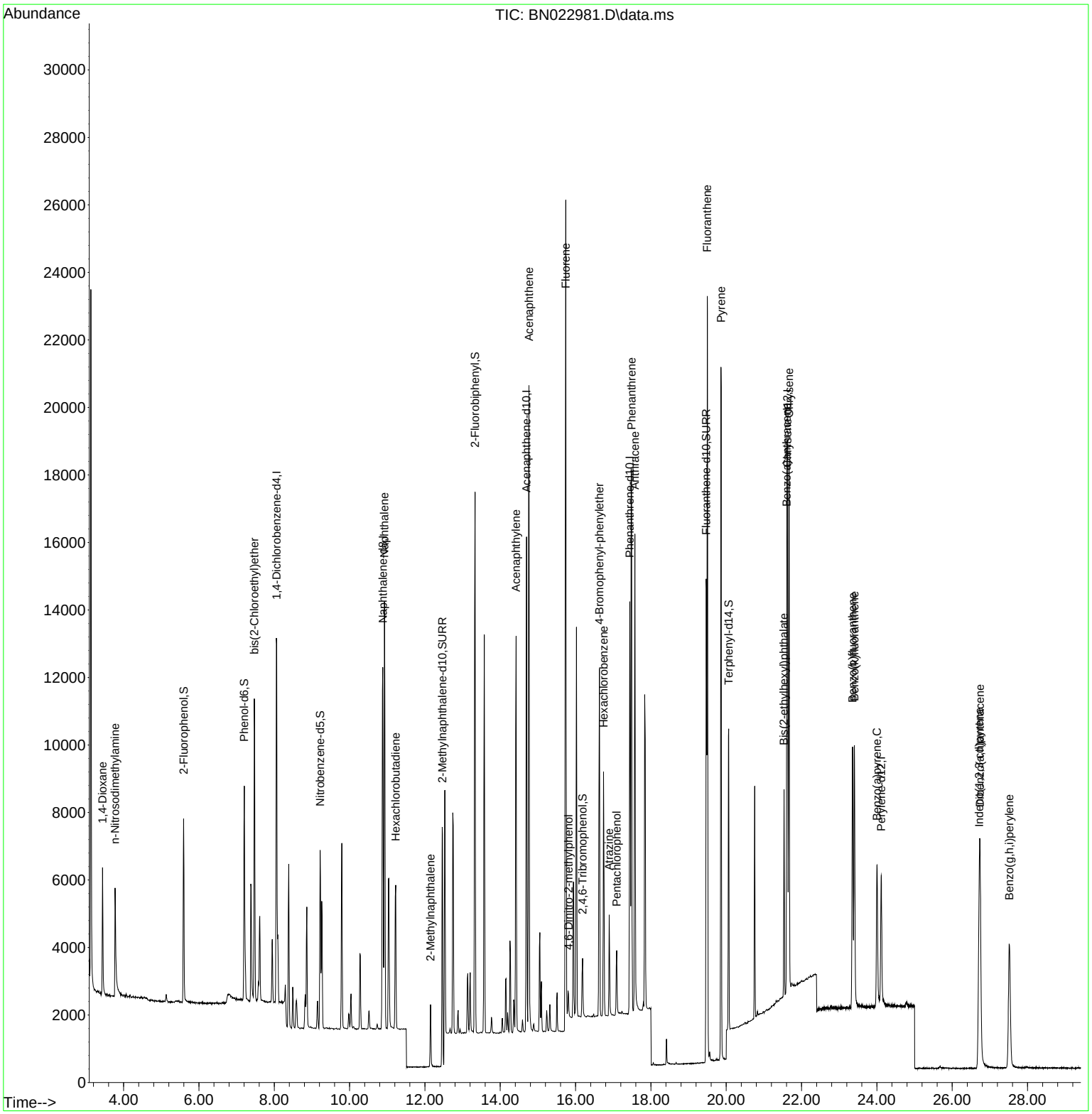
(#) = qualifier out of range (m) = manual integration (+) = signals summed

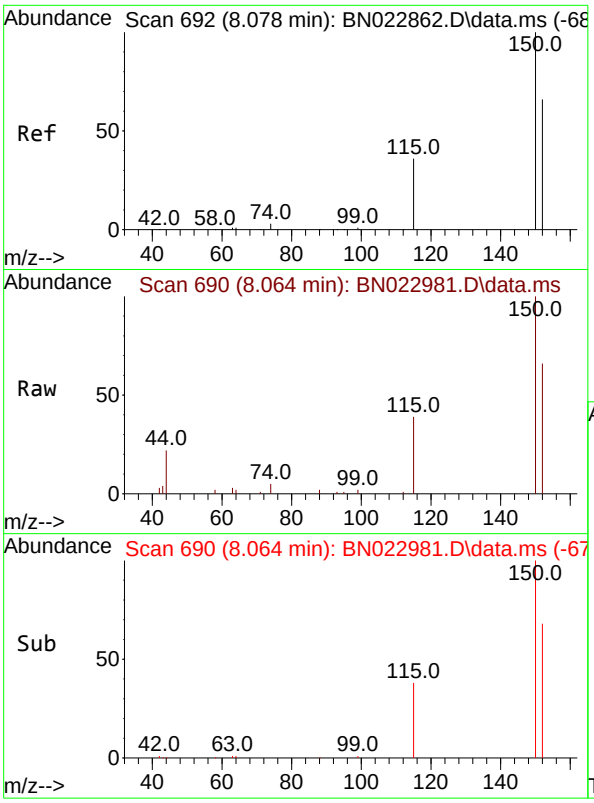
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022981.D
Acq On : 30 Nov 2022 12:05
Operator : CG/JU
Sample : PB149254BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Quant Time: Nov 30 22:59:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration



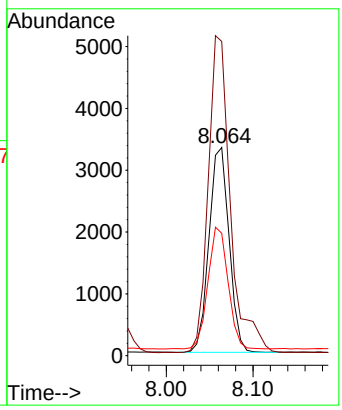


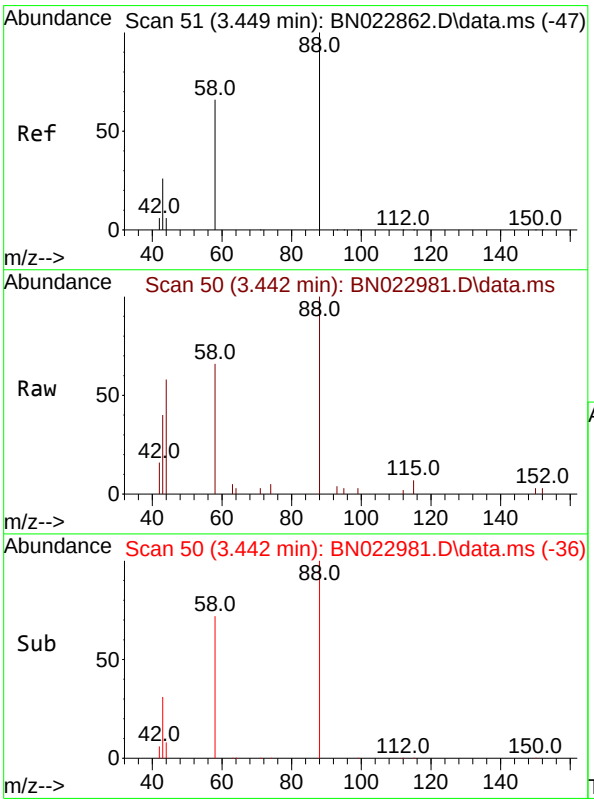
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.064 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:152 Resp: 5318

Ion	Ratio	Lower	Upper
152	100		
150	151.0	121.2	181.8
115	58.8	46.2	69.4

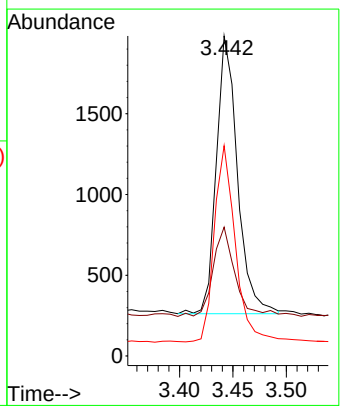


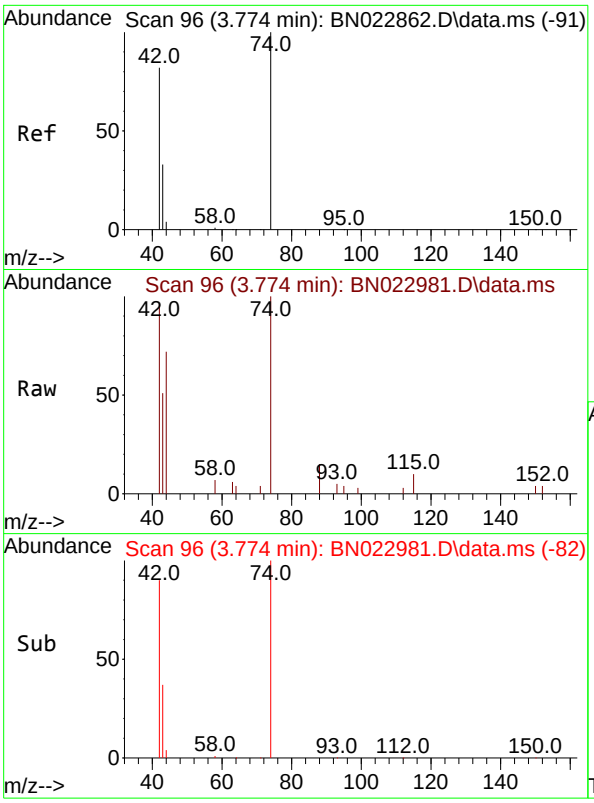


#2
1,4-Dioxane
Concen: 0.350 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion: 88 Resp: 2362

Ion	Ratio	Lower	Upper
88	100		
43	33.5	25.4	38.2
58	70.0	56.5	84.7



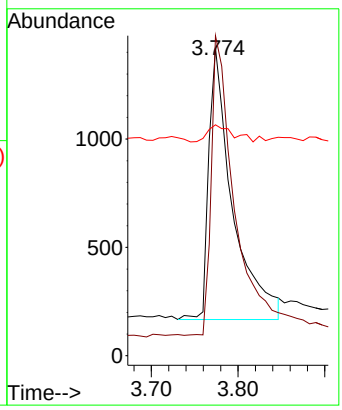


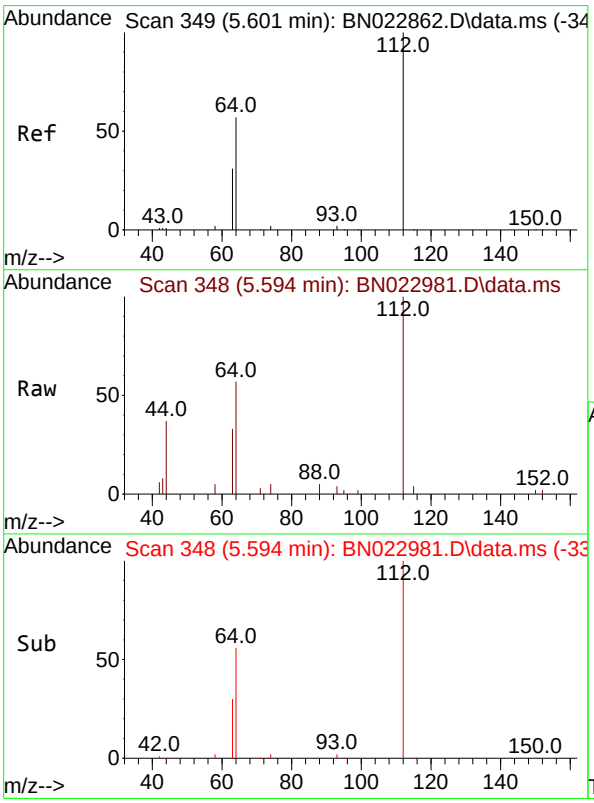
#3
n-Nitrosodimethylamine
Concen: 0.328 ng
RT: 3.774 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion: 42 Resp: 2385

Ion	Ratio	Lower	Upper
42	100		
74	108.0	99.3	148.9
44	6.5	5.4	8.2

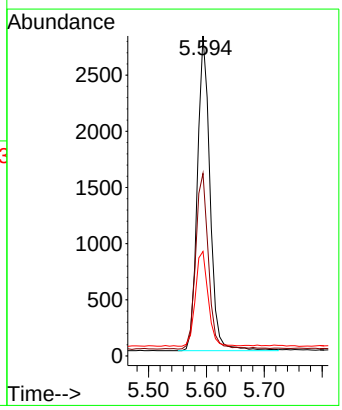


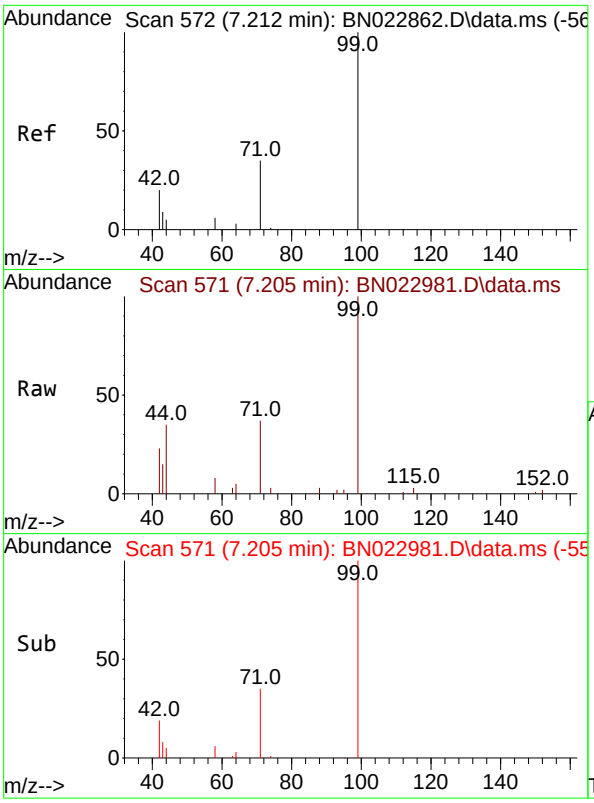


#4
2-Fluorophenol
Concen: 0.308 ng
RT: 5.594 min Scan# 348
Delta R.T. -0.007 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:112 Resp: 4257

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.4	65.2
63	30.4	23.4	35.2



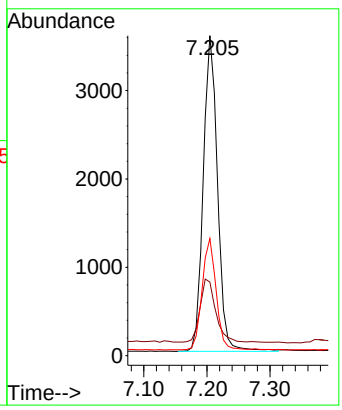


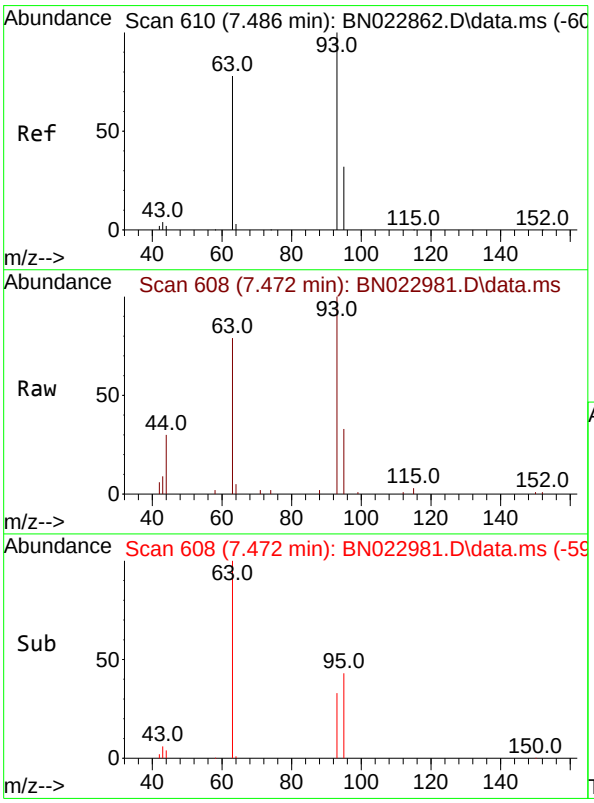
#5
Phenol-d6
Concen: 0.319 ng
RT: 7.205 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion: 99 Resp: 5620

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.0	24.0
71	34.4	26.8	40.2

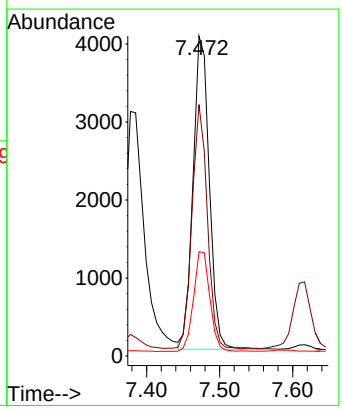


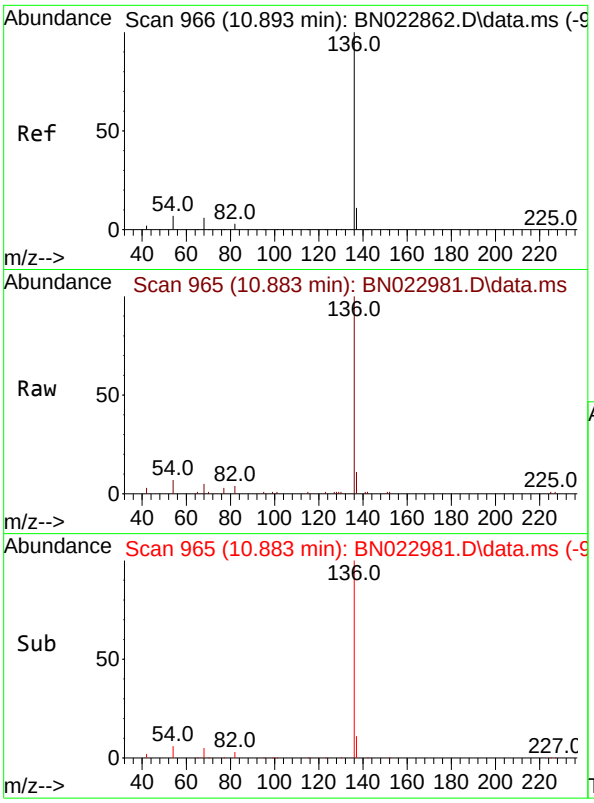


#6
bis(2-Chloroethyl)ether
Concen: 0.376 ng
RT: 7.472 min Scan# 608
Delta R.T. -0.007 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion: 93 Resp: 6219

Ion	Ratio	Lower	Upper
93	100		
63	73.2	58.3	87.5
95	31.8	25.8	38.6



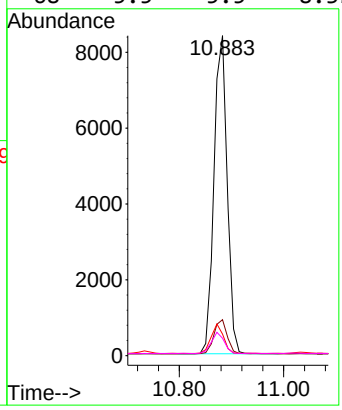


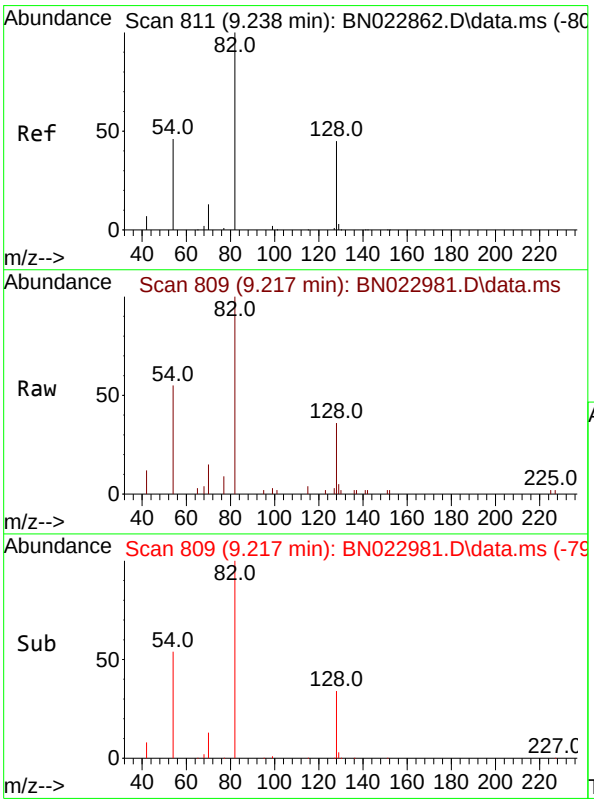
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.883 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:136 Resp: 14696

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.7	6.6	9.8
68	5.5	5.5	8.3#

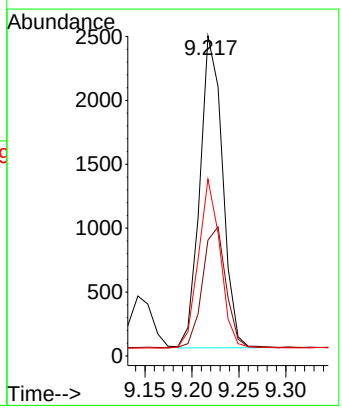


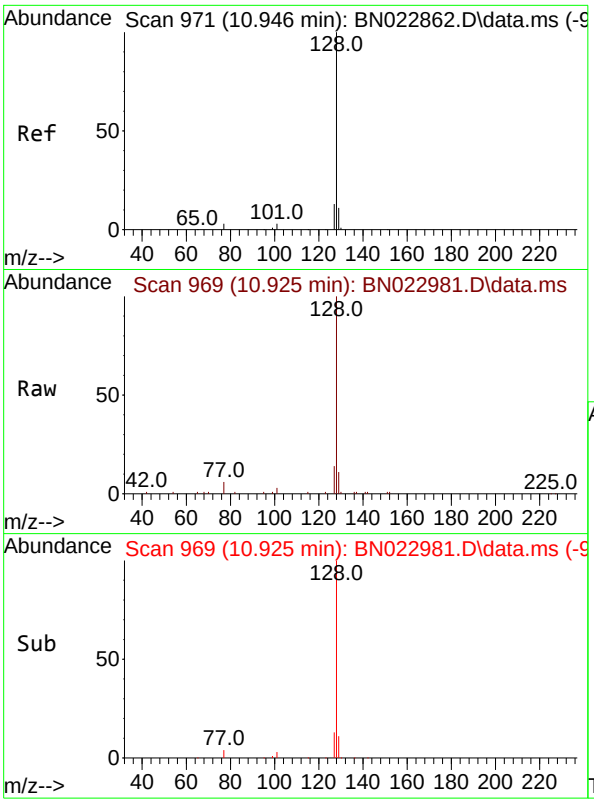


#8
Nitrobenzene-d5
Concen: 0.359 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.010 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion: 82 Resp: 4097

Ion	Ratio	Lower	Upper
82	100		
128	36.2	36.6	54.8#
54	55.2	38.5	57.7



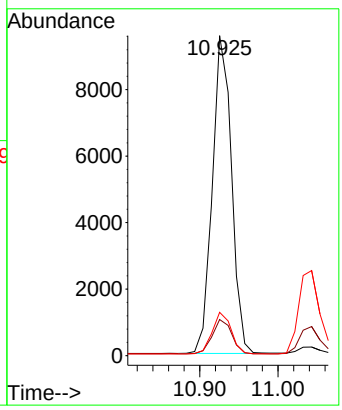


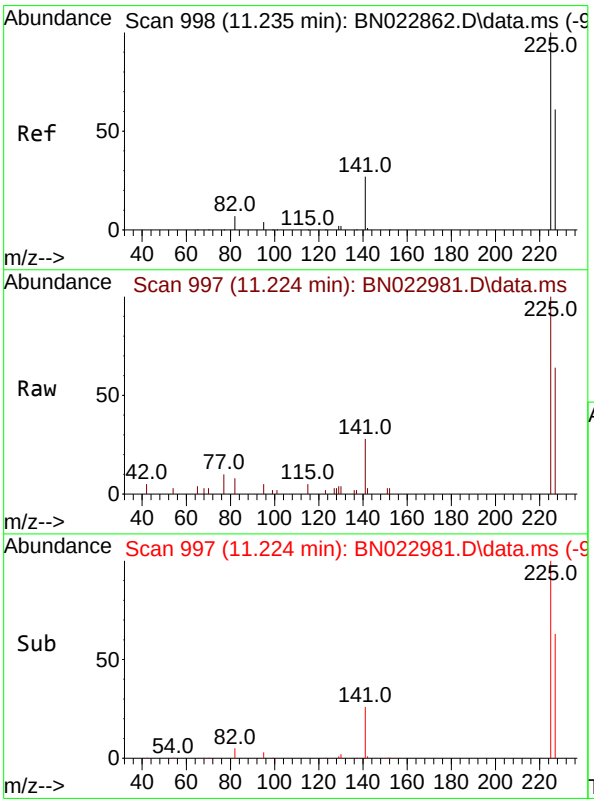
#9
Naphthalene
Concen: 0.359 ng
RT: 10.925 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:128 Resp: 16229

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.6	10.8	16.2

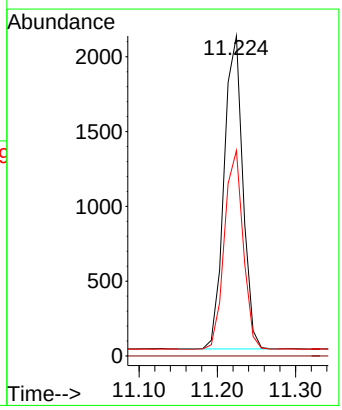


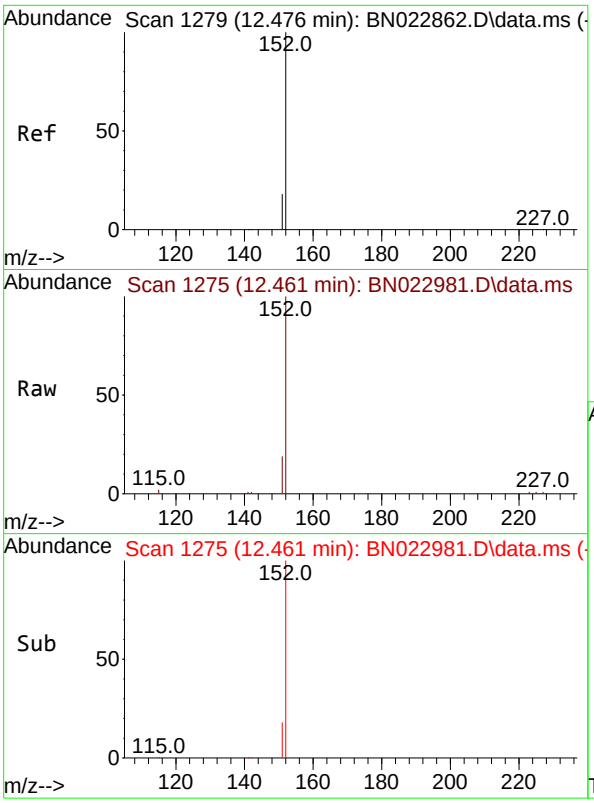


#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 11.224 min Scan# 997
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:225 Resp: 3478

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



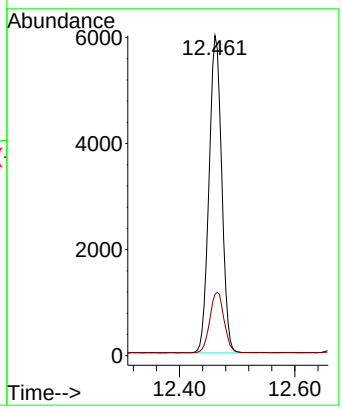


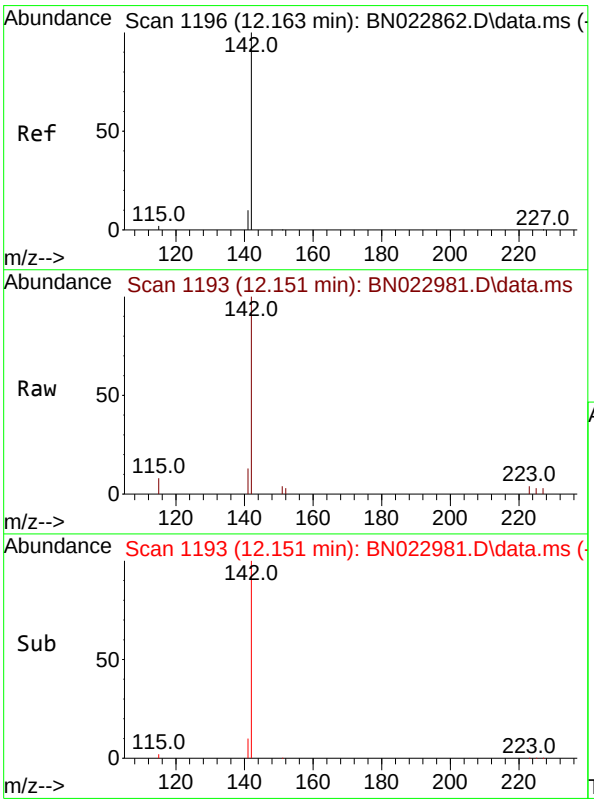
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.461 min Scan# 1
Delta R.T. -0.003 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:152 Resp: 11980

Ion	Ratio	Lower	Upper
152	100		
151	17.4	18.6	27.8#

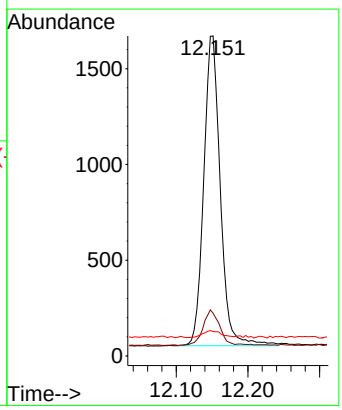


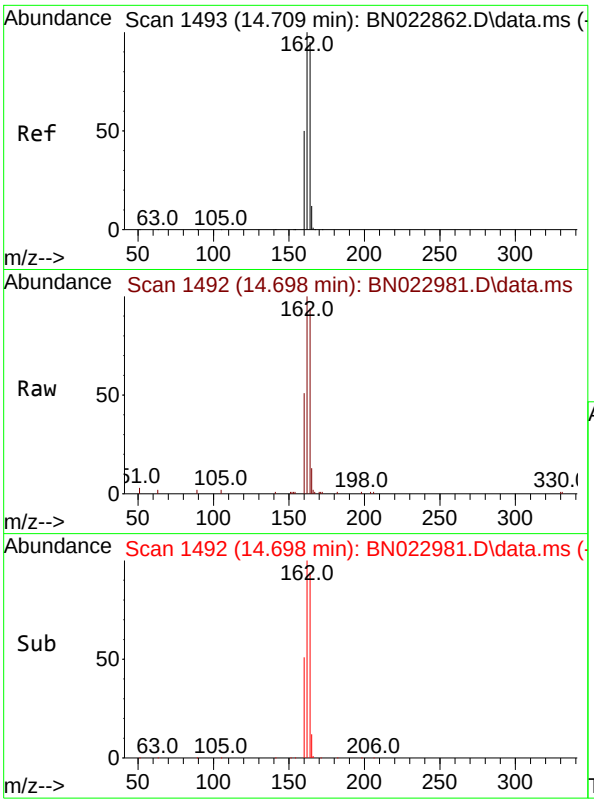


#12
2-Methylnaphthalene
Concen: 0.282 ng
RT: 12.151 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:142 Resp: 2605

Ion	Ratio	Lower	Upper
142	100		
141	13.3	10.1	15.1
115	7.7	4.6	7.0#



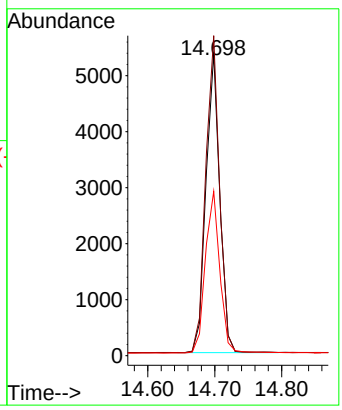


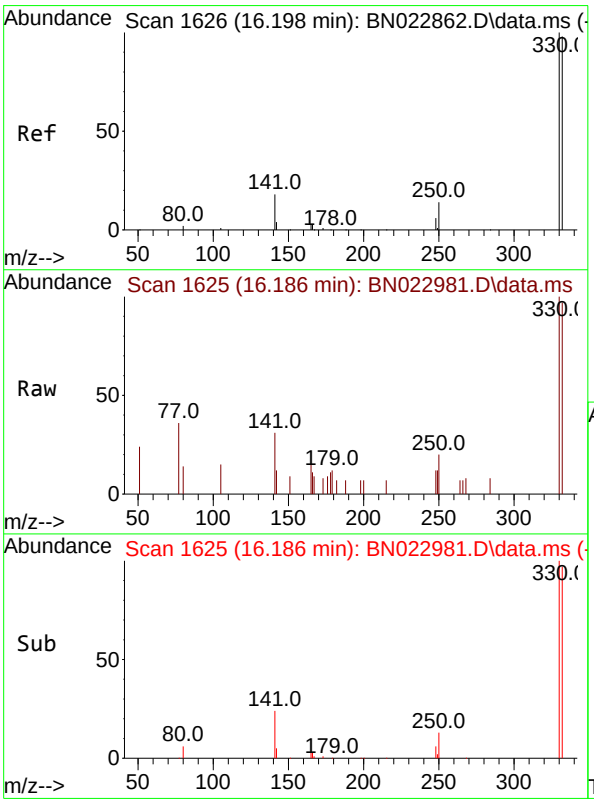
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:164 Resp: 7601

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.2	126.4
160	54.4	42.5	63.7

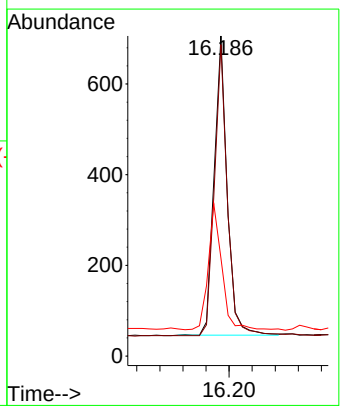


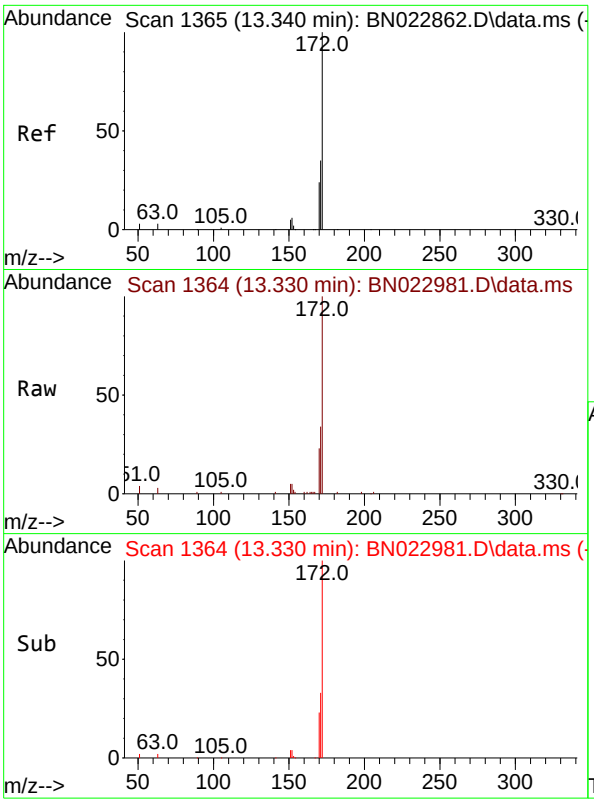


#14
2,4,6-Tribromophenol
Concen: 0.281 ng
RT: 16.186 min Scan# 1625
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:330 Resp: 1033

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.5	114.7
141	43.7	32.6	48.8



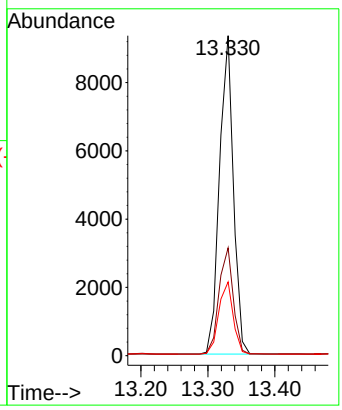


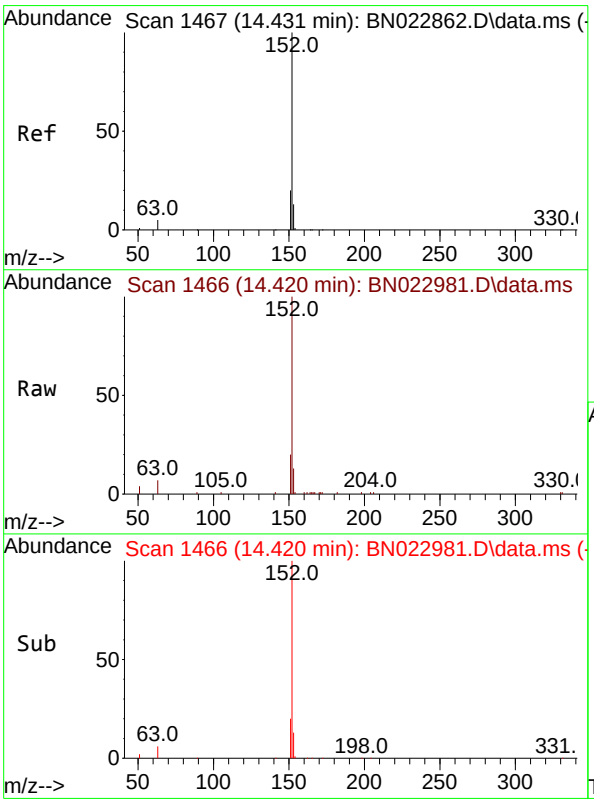
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.330 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:172 Resp: 13458

Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.2	42.4
170	23.1	19.3	28.9

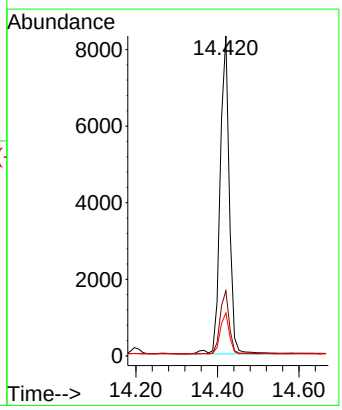


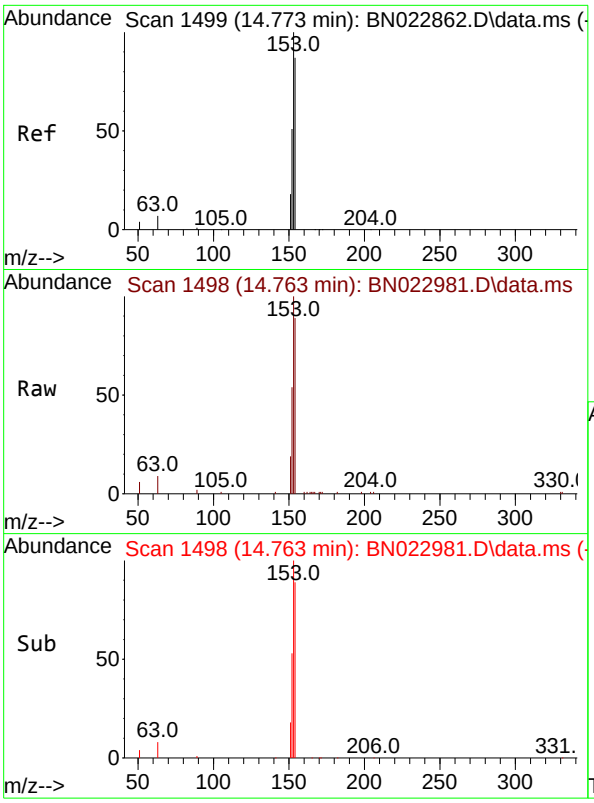


#16
Acenaphthylene
Concen: 0.320 ng
RT: 14.420 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:152 Resp: 12887

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	13.0	10.5	15.7



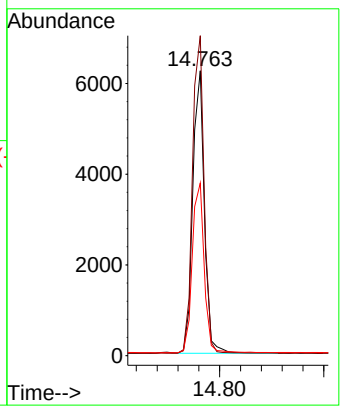


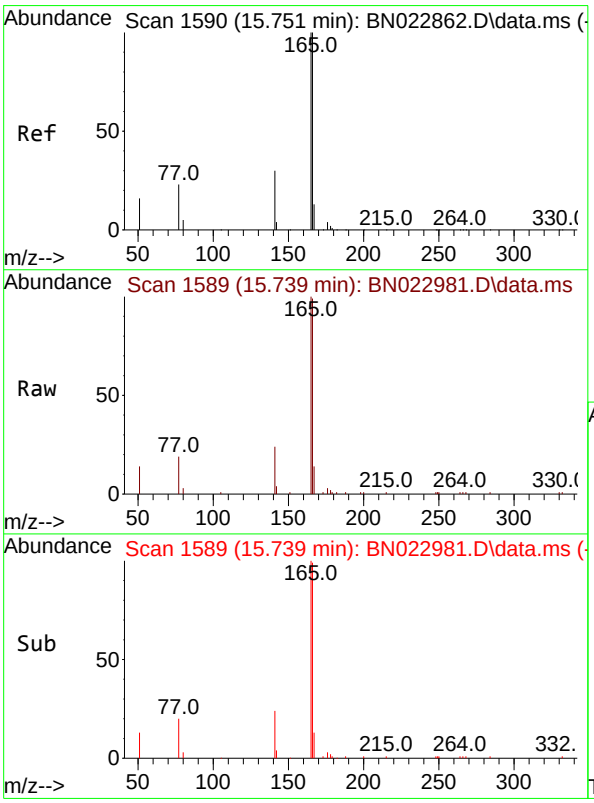
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.763 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:154 Resp: 9601

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.0	135.0
152	62.0	47.0	70.6

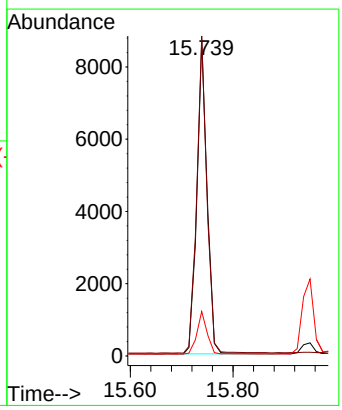


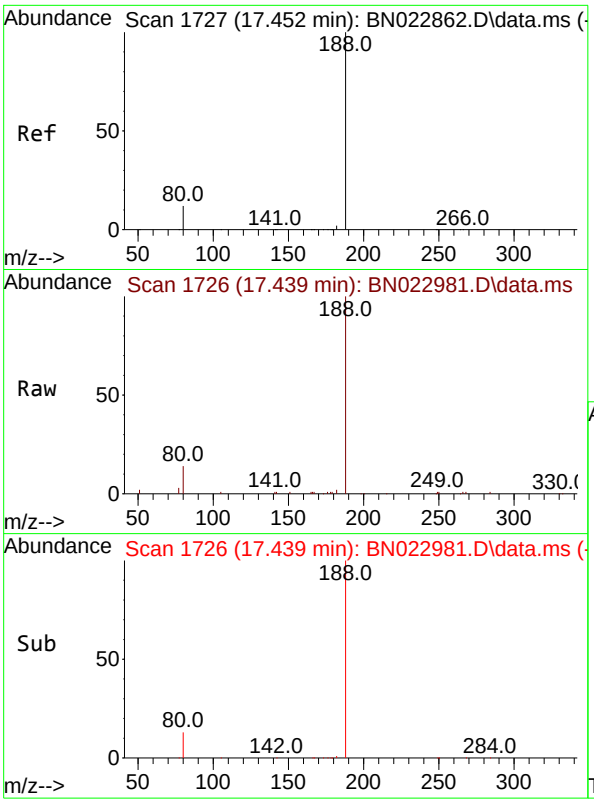


#18
Fluorene
Concen: 0.349 ng
RT: 15.739 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:166 Resp: 11847

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.4	119.0
167	13.3	10.7	16.1



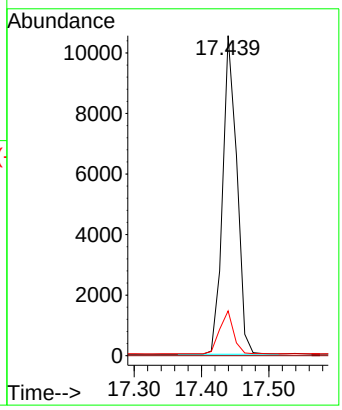


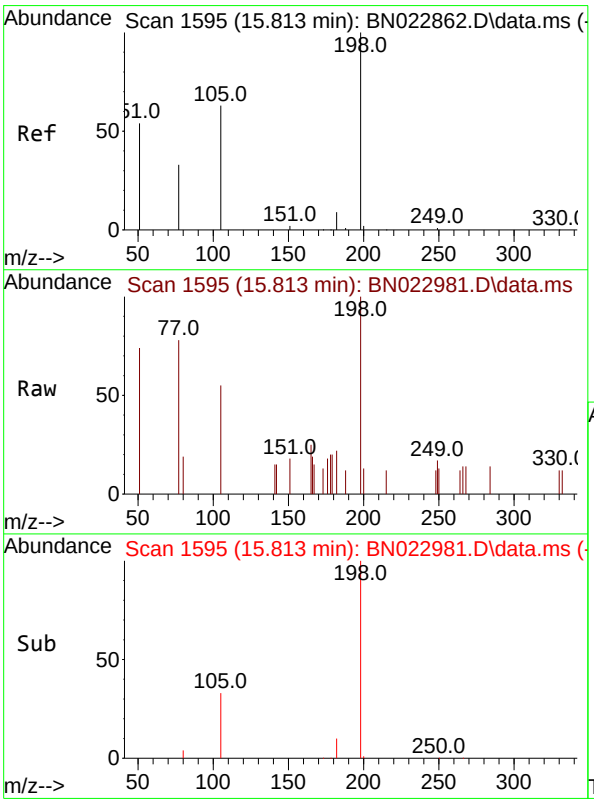
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:188 Resp: 15430

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	10.3	15.5

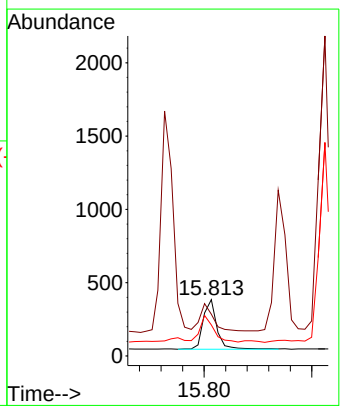


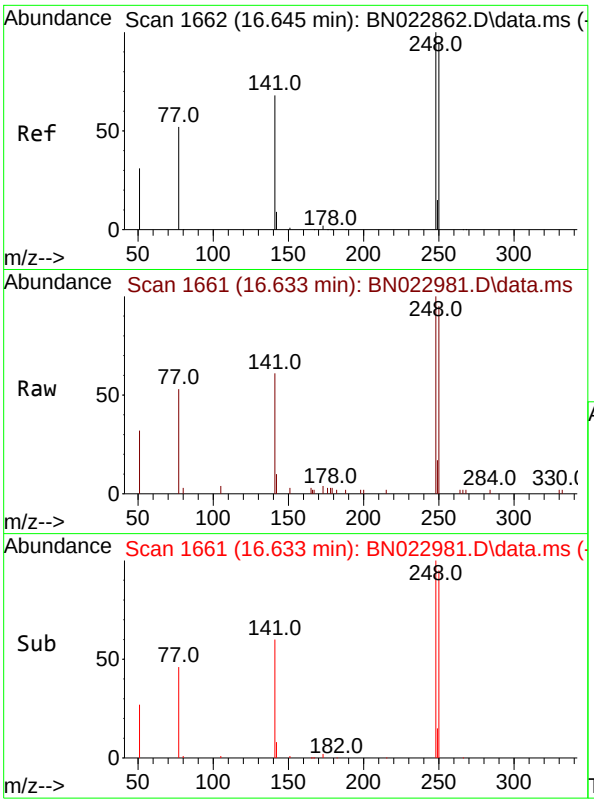


#20
4,6-Dinitro-2-methylphenol
Concen: 0.349 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:198 Resp: 602

Ion	Ratio	Lower	Upper
198	100		
51	74.0	80.5	120.7#
105	55.1	70.5	105.7#



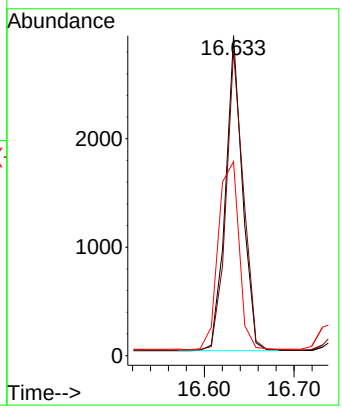


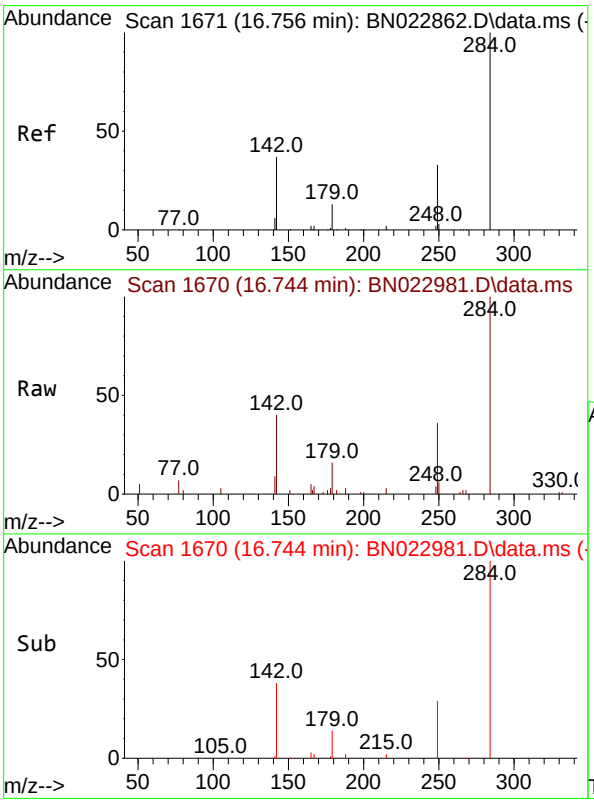
#21
4-Bromophenyl-phenylether
Concen: 0.343 ng
RT: 16.633 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:248 Resp: 3823

Ion	Ratio	Lower	Upper
248	100		
250	95.4	75.8	113.6
141	60.7	55.4	83.0

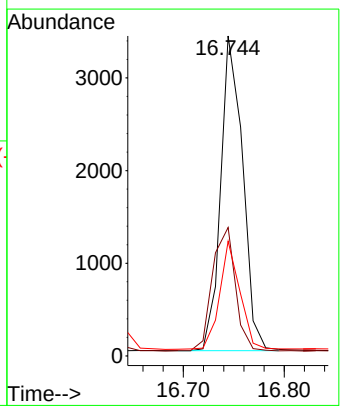


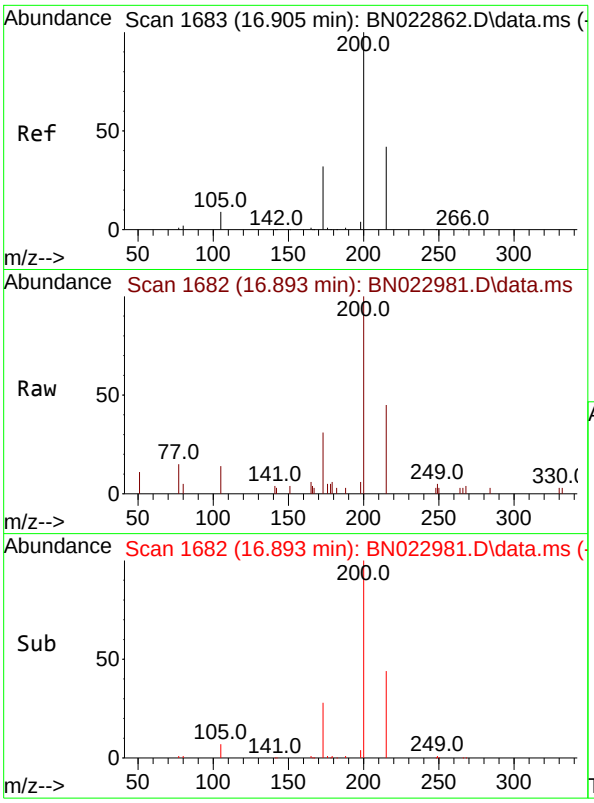


#22
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:284 Resp: 5129

Ion	Ratio	Lower	Upper
284	100		
142	41.1	30.1	45.1
249	31.6	24.5	36.7



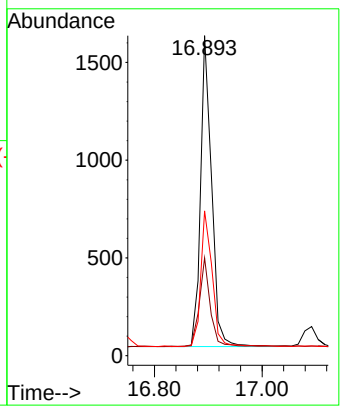


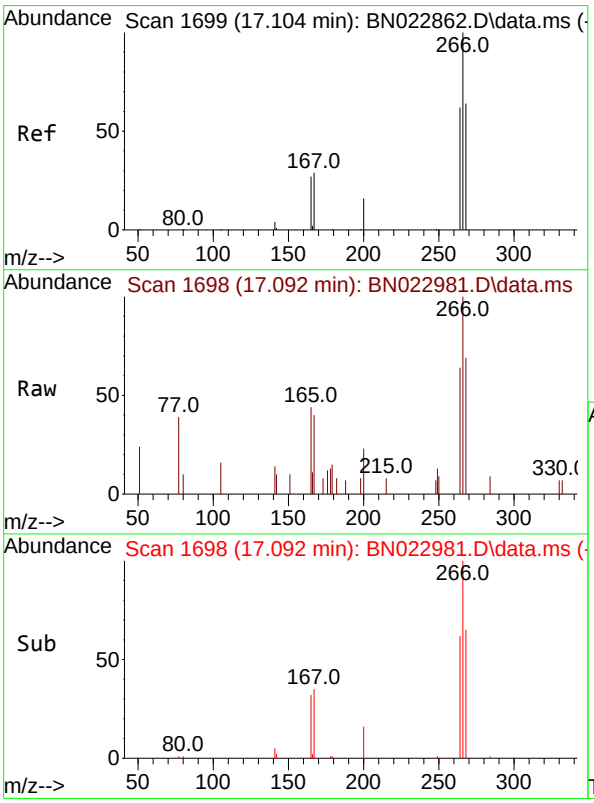
#23
Atrazine
Concen: 0.288 ng
RT: 16.893 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:200 Resp: 2262

Ion	Ratio	Lower	Upper
200	100		
173	30.5	26.4	39.6
215	45.3	34.4	51.6

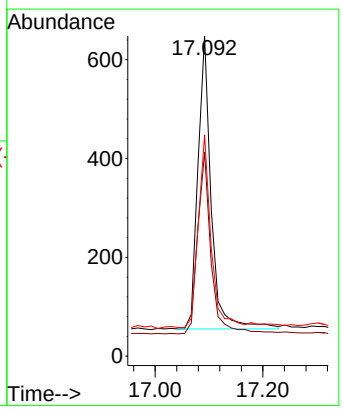


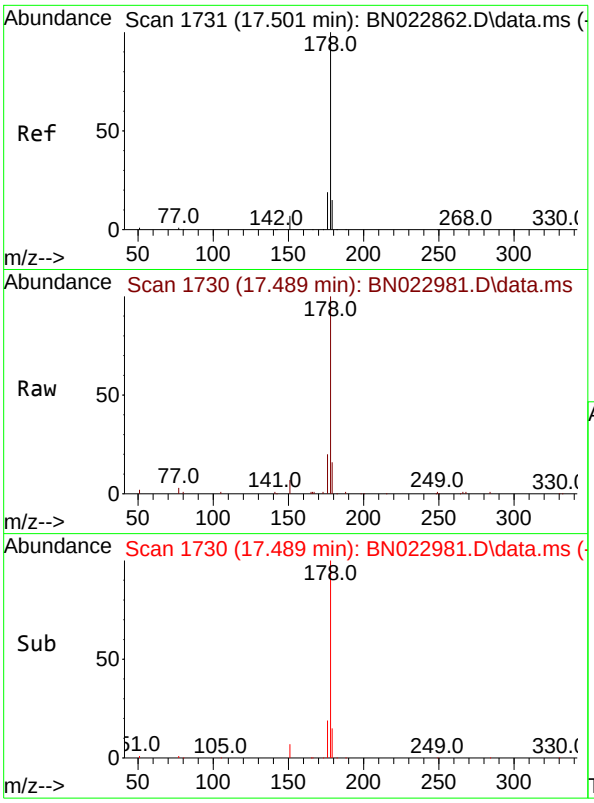


#24
Pentachlorophenol
Concen: 0.274 ng
RT: 17.092 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:266 Resp: 1020

Ion	Ratio	Lower	Upper
266	100		
264	62.5	50.0	75.0
268	62.2	50.9	76.3



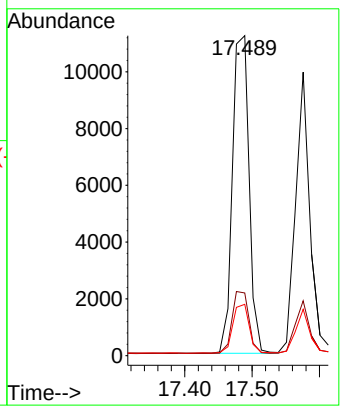


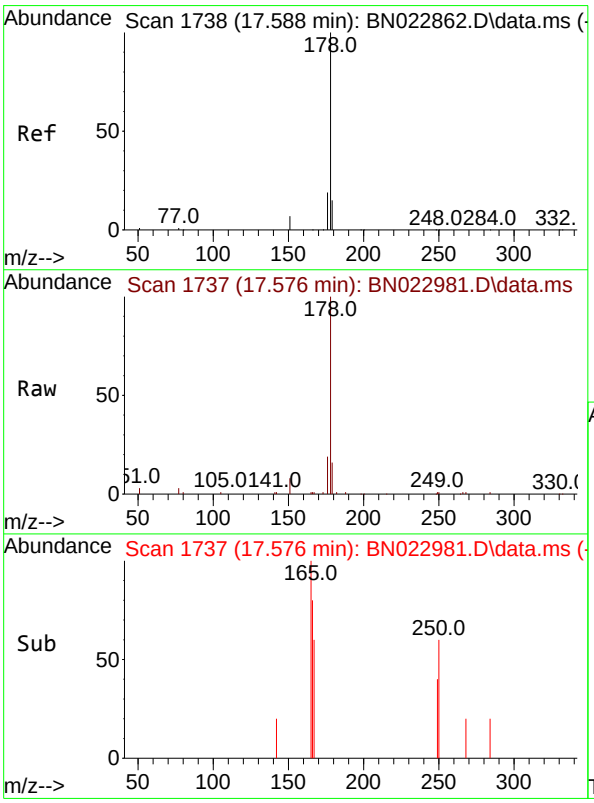
#25
Phenanthrene
Concen: 0.359 ng
RT: 17.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:178 Resp: 19267

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.3	12.2	18.2

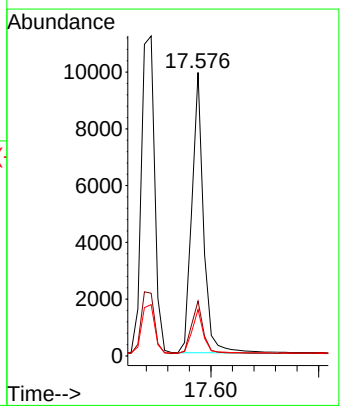


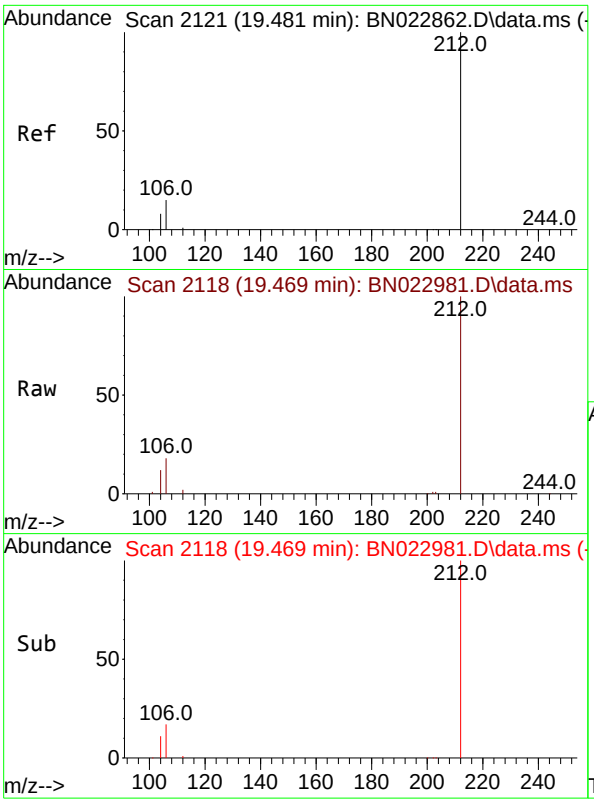


#26
Anthracene
Concen: 0.318 ng
RT: 17.576 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:178 Resp: 14822

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.3	12.2	18.2



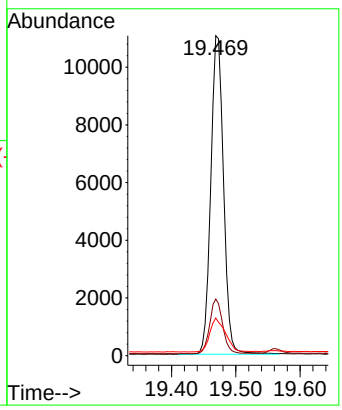


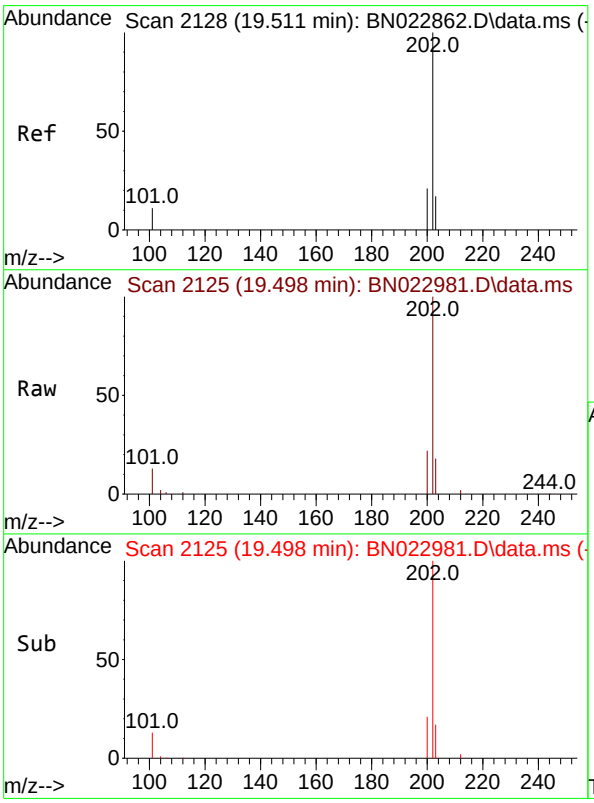
#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.469 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:212 Resp: 15223

Ion	Ratio	Lower	Upper
212	100		
106	17.6	12.3	18.5
104	13.0	7.0	10.4#

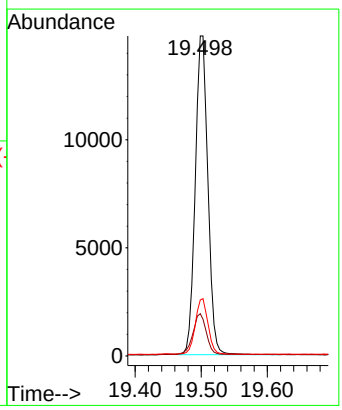


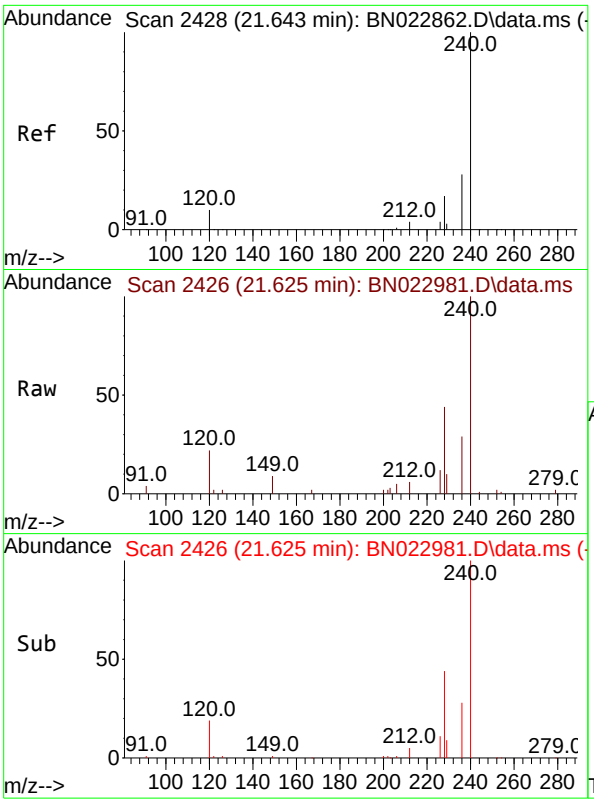


#28
Fluoranthene
Concen: 0.343 ng
RT: 19.498 min Scan# 2125
Delta R.T. -0.004 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:202 Resp: 19582

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.3	13.9
203	17.4	13.7	20.5



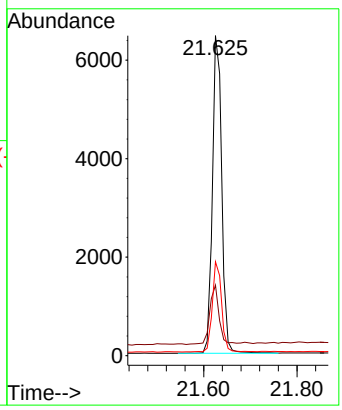


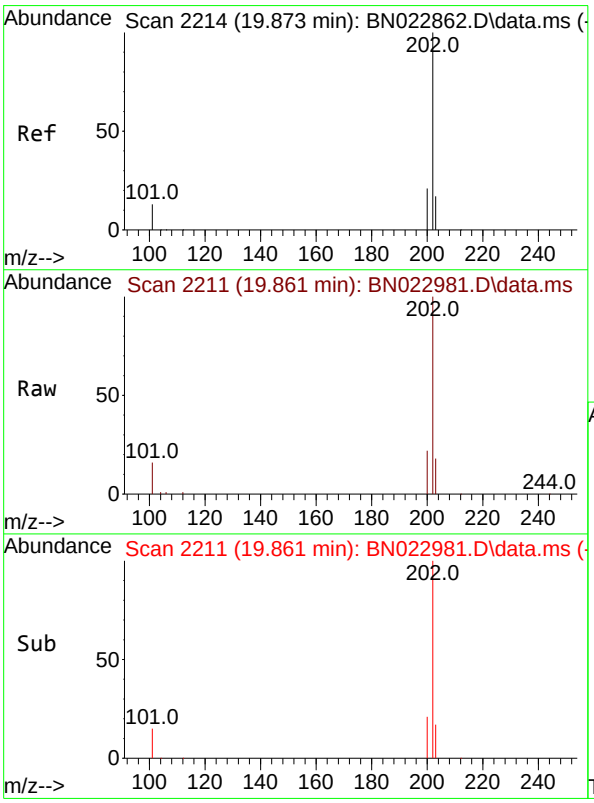
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:240 Resp: 8981

Ion	Ratio	Lower	Upper
240	100		
120	22.1	9.2	13.8#
236	29.3	22.6	34.0

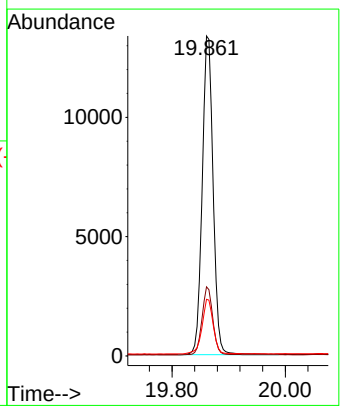


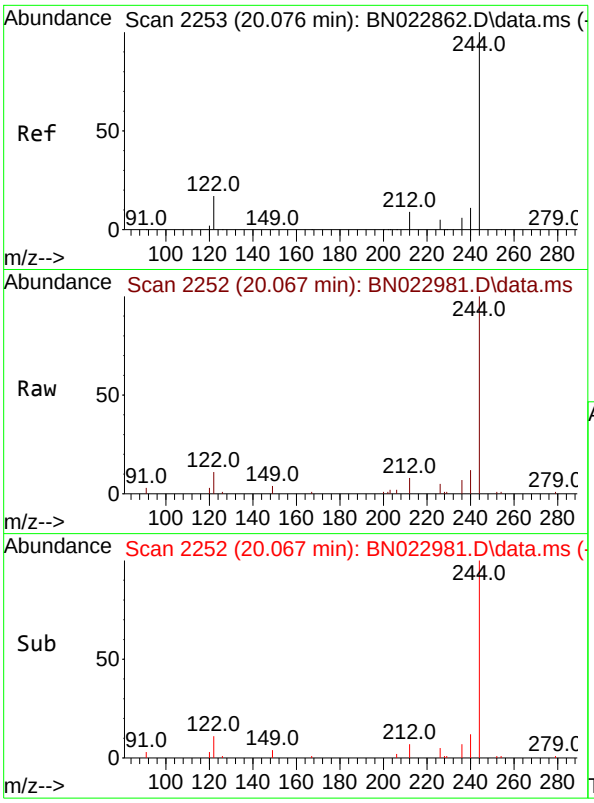


#30
Pyrene
Concen: 0.381 ng
RT: 19.861 min Scan# 2211
Delta R.T. -0.004 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:202 Resp: 17808

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.4
203	17.5	14.2	21.2



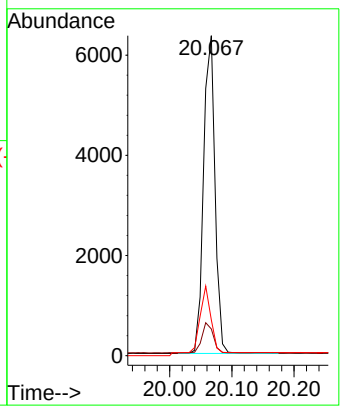


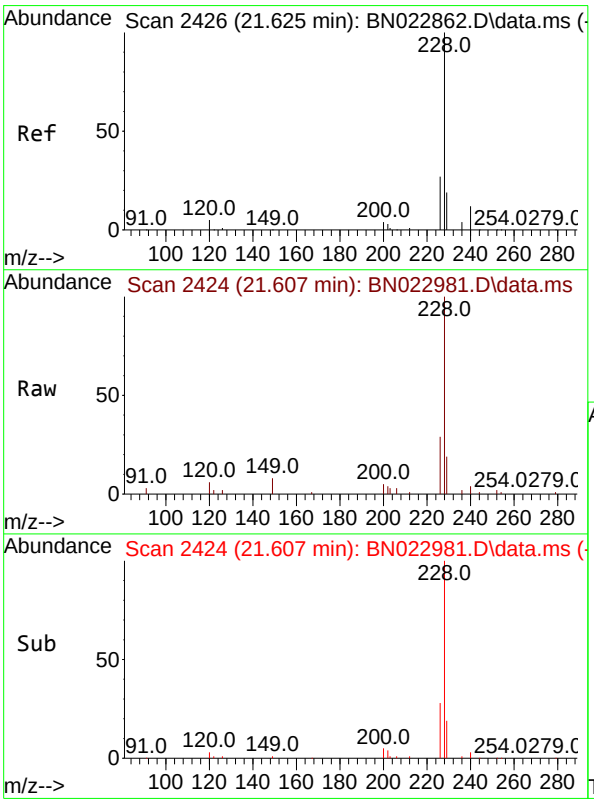
#31
Terphenyl-d14
Concen: 0.382 ng
RT: 20.067 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:244 Resp: 8059

Ion	Ratio	Lower	Upper
244	100		
212	8.3	7.9	11.9
122	11.2	13.9	20.9#

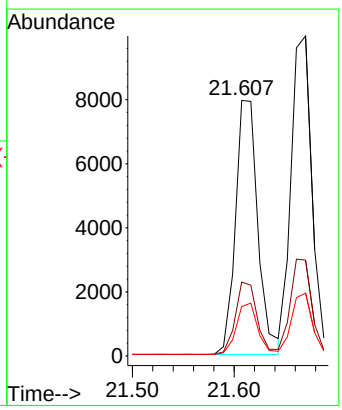


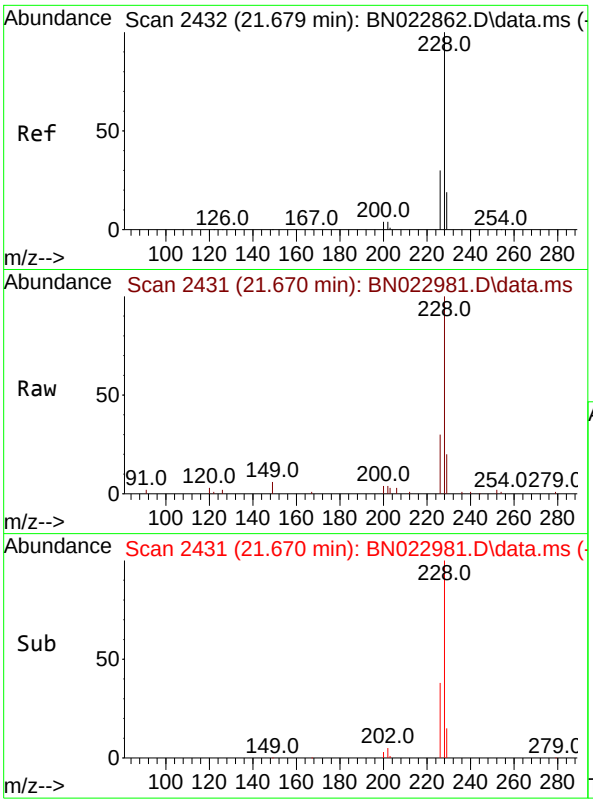


#32
Benzo(a)anthracene
Concen: 0.334 ng
RT: 21.607 min Scan# 2424
Delta R.T. -0.004 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:228 Resp: 12120

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.1	33.1
229	19.4	15.8	23.6



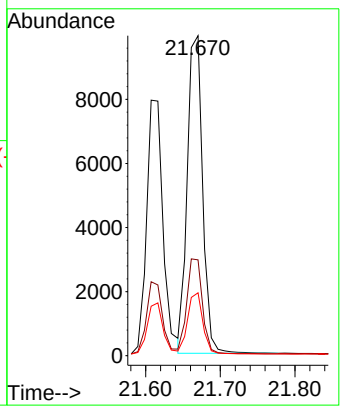


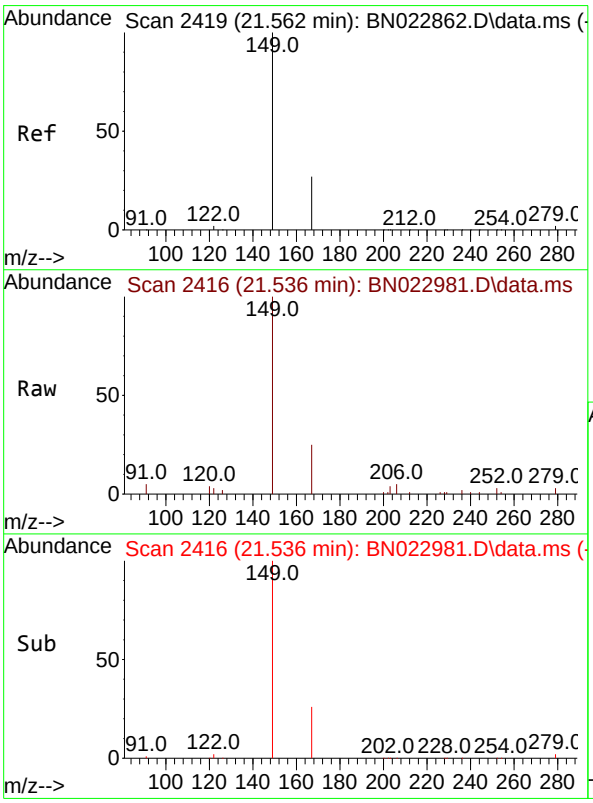
#33
Chrysene
Concen: 0.378 ng
RT: 21.670 min Scan# 24
Delta R.T. 0.005 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:228 Resp: 14238

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	19.6	15.8	23.6

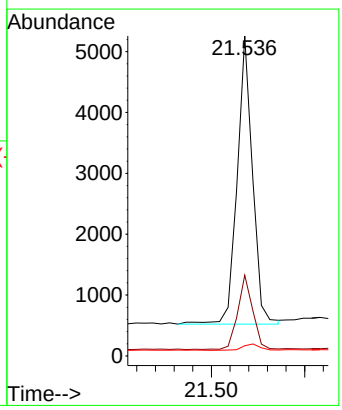


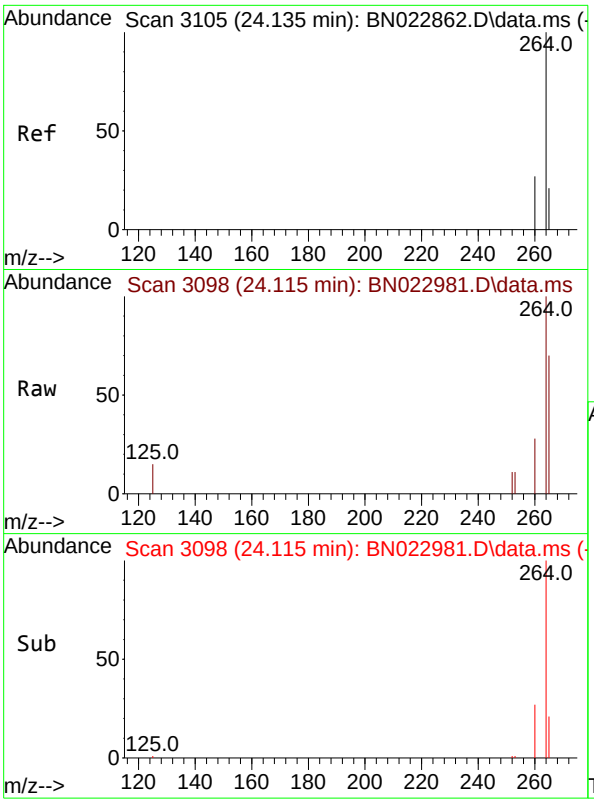


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.536 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:149 Resp: 5423

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.3	31.9
279	2.5	2.3	3.5



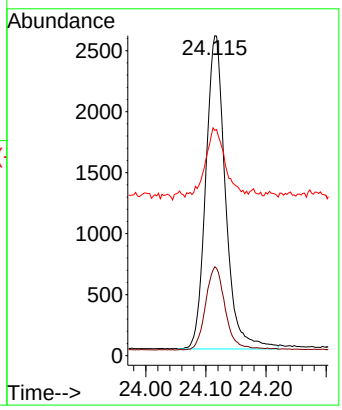


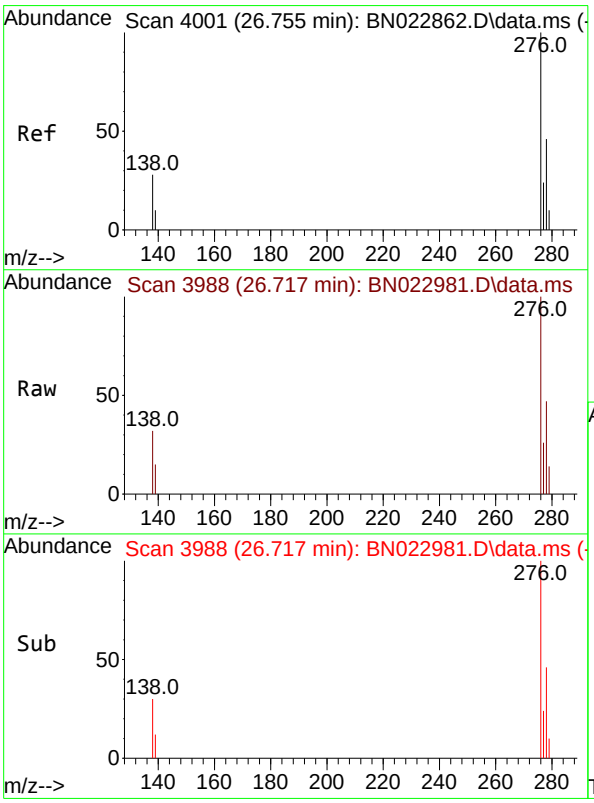
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.115 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:264 Resp: 5849

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.7	32.5
265	70.4	31.0	46.4#

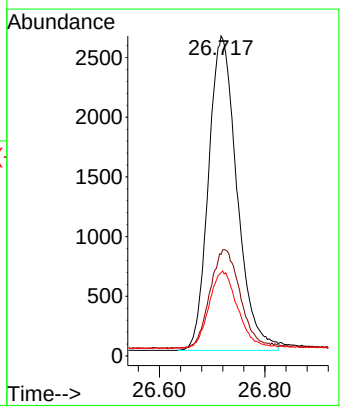


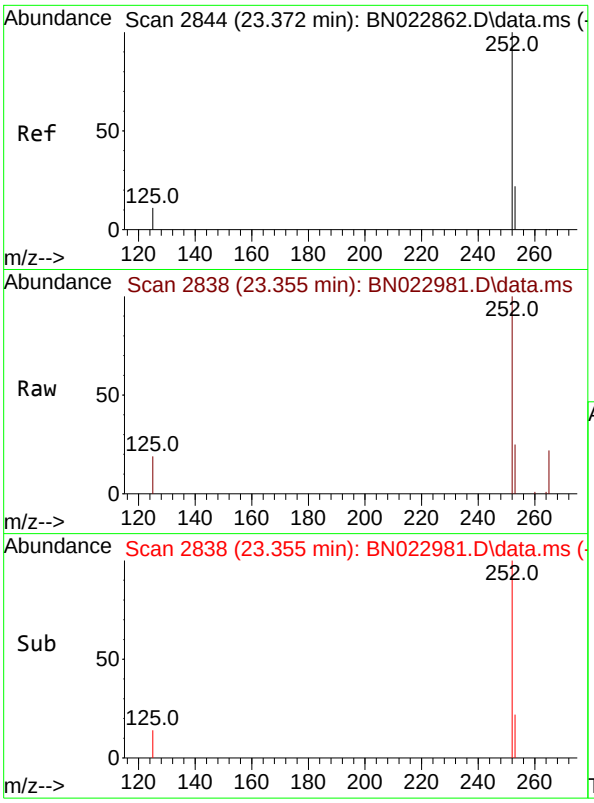


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng
RT: 26.717 min Scan# 3988
Delta R.T. -0.001 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:276 Resp: 9860

Ion	Ratio	Lower	Upper
276	100		
138	33.1	24.4	36.6
277	24.6	19.9	29.9



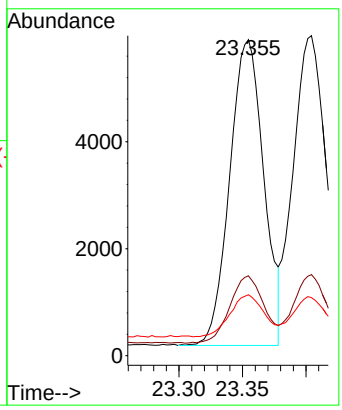


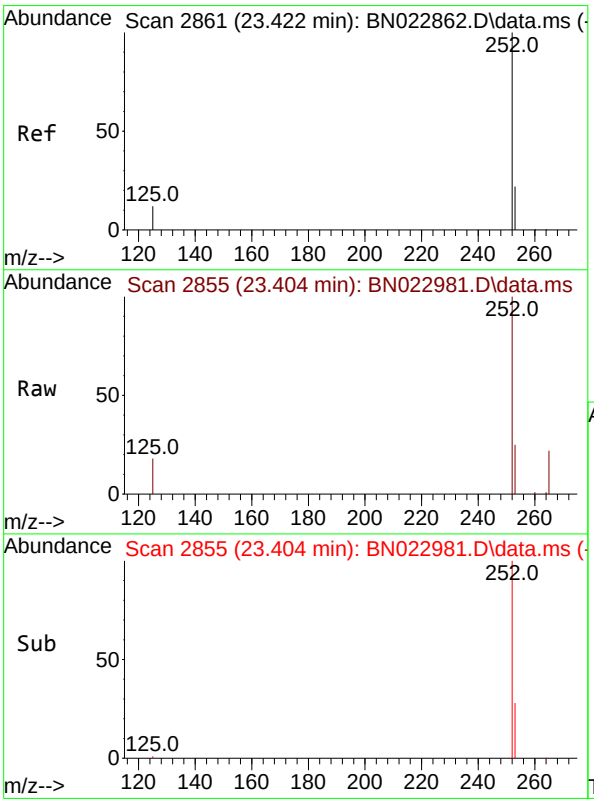
#37
Benzo(b)fluoranthene
Concen: 0.408 ng
RT: 23.355 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:252 Resp: 10661

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	19.3	10.8	16.2#

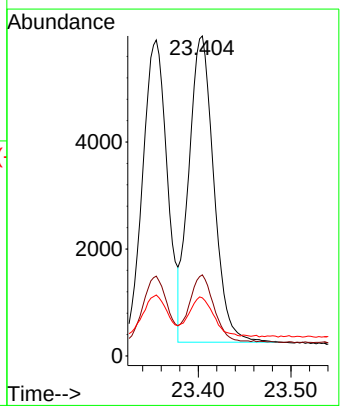


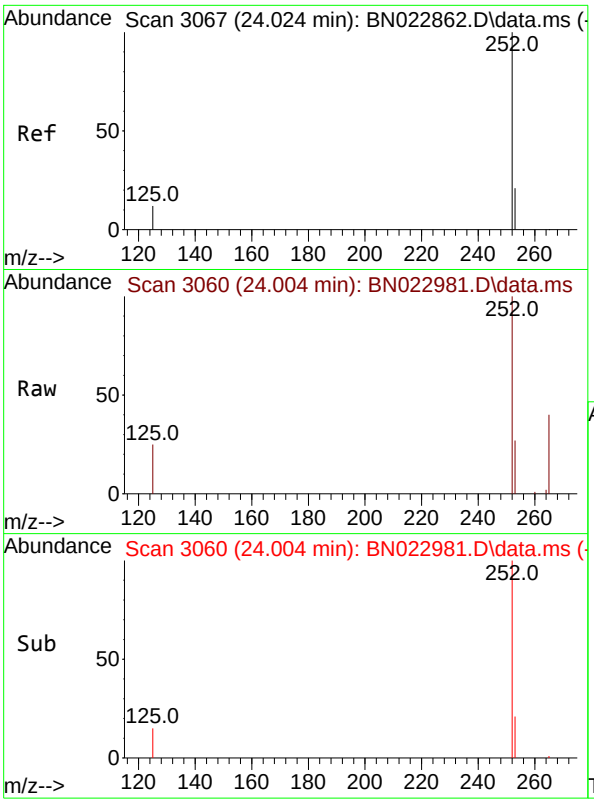


#38
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.404 min Scan# 2855
Delta R.T. 0.005 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:252 Resp: 10723

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.6	27.8
125	18.2	11.0	16.4#



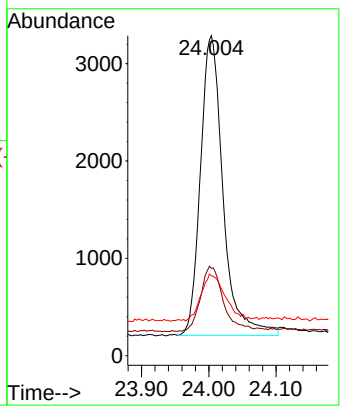


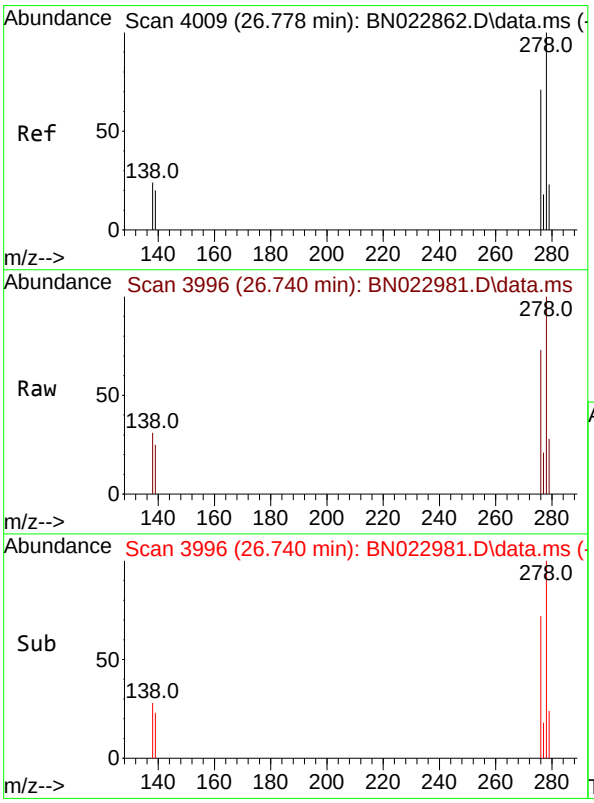
#39
Benzo(a)pyrene
Concen: 0.362 ng
RT: 24.004 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:252 Resp: 7205

Ion	Ratio	Lower	Upper
252	100		
253	27.3	19.2	28.8
125	25.0	12.7	19.1#

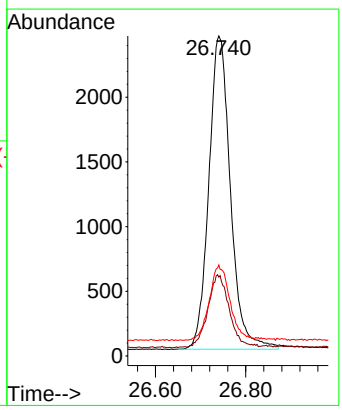


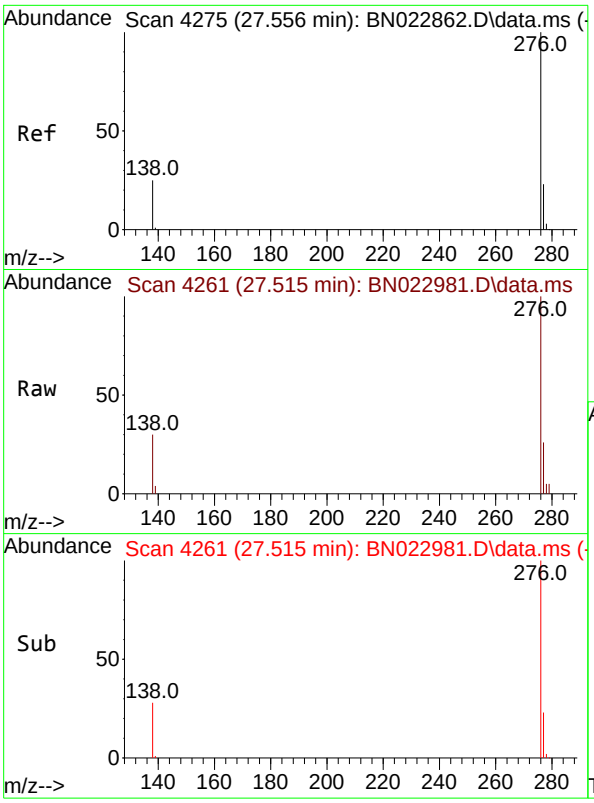


#40
Dibenzo(a,h)anthracene
Concen: 0.418 ng
RT: 26.740 min Scan# 3996
Delta R.T. 0.002 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Tgt Ion:278 Resp: 8065

Ion	Ratio	Lower	Upper
278	100		
139	24.6	17.4	26.0
279	28.5	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 0.417 ng
RT: 27.515 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN022981.D
Acq: 30 Nov 2022 12:05

Instrument :
BNA_N
ClientSampleId :
PB149254BS

Tgt Ion:276 Resp: 8669

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.7	29.5
138	30.1	21.4	32.2