Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023583.D
Acq On : 06 Jan 2023 22:24
Operator : CG/JU
Sample : PB150094BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Quant Time: Jan 07 02:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 07 02:04:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	3957	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	12069	0.400	ng		0.00
13) Acenaphthene-d10	14.602	164	6791	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	15248	0.400	ng	#	0.00
29) Chrysene-d12	21.531	240	12796	0.400	ng	#	0.00
35) Perylene-d12	23.958	264	10482	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3809	0.435	ng		0.00
5) Phenol-d6	7.110	99	4762	0.443	ng		0.00
8) Nitrobenzene-d5	9.110	82	3972	0.421	ng		0.00
11) 2-Methylnaphthalene-d10	12.355	152	7671	0.436	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1178	0.354	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	12611	0.469	ng		0.00
27) Fluoranthene-d10	19.376	212	16371	0.439	ng		0.00
31) Terphenyl-d14	19.974	244	14943	0.501	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	1753	0.460	ng		99
3) n-Nitrosodimethylamine	3.680	42	1851	0.403	ng	#	94
6) bis(2-Chloroethyl)ether	7.370	93	5224	0.501	ng		99
9) Naphthalene	10.808	128	14368	0.466	ng		99
10) Hexachlorobutadiene	11.096	225	2917	0.469	ng	#	99
12) 2-Methylnaphthalene	12.427	142	10335	0.466	ng		99
16) Acenaphthylene	14.313	152	11272	0.399	ng		99
17) Acenaphthene	14.655	154	8867	0.467	ng		98
18) Fluorene	15.650	166	12229	0.462	ng		98
20) 4,6-Dinitro-2-methylph...	15.726	198	644	0.477	ng		96
21) 4-Bromophenyl-phenylether	16.533	248	3777	0.422	ng		91
22) Hexachlorobenzene	16.657	284	4727	0.438	ng		97
23) Atrazine	16.806	200	2506	0.363	ng		98
24) Pentachlorophenol	16.992	266	1335	0.416	ng		98
25) Phenanthrene	17.389	178	19793	0.456	ng		100
26) Anthracene	17.476	178	14804	0.411	ng		100
28) Fluoranthene	19.410	202	21871	0.448	ng		99
30) Pyrene	19.772	202	22007	0.461	ng		100
32) Benzo(a)anthracene	21.522	228	18436	0.432	ng		100
33) Chrysene	21.576	228	20905	0.477	ng		99
34) Bis(2-ethylhexyl)phtha...	21.441	149	8050	0.307	ng		99
36) Indeno(1,2,3-cd)pyrene	26.484	276	19593	0.501	ng		100
37) Benzo(b)fluoranthene	23.218	252	19177	0.476	ng		97
38) Benzo(k)fluoranthene	23.265	252	18186	0.459	ng		99
39) Benzo(a)pyrene	23.850	252	13799	0.449	ng		99
40) Dibenzo(a,h)anthracene	26.504	278	15726	0.527	ng		97
41) Benzo(g,h,i)perylene	27.256	276	16613	0.482	ng		99

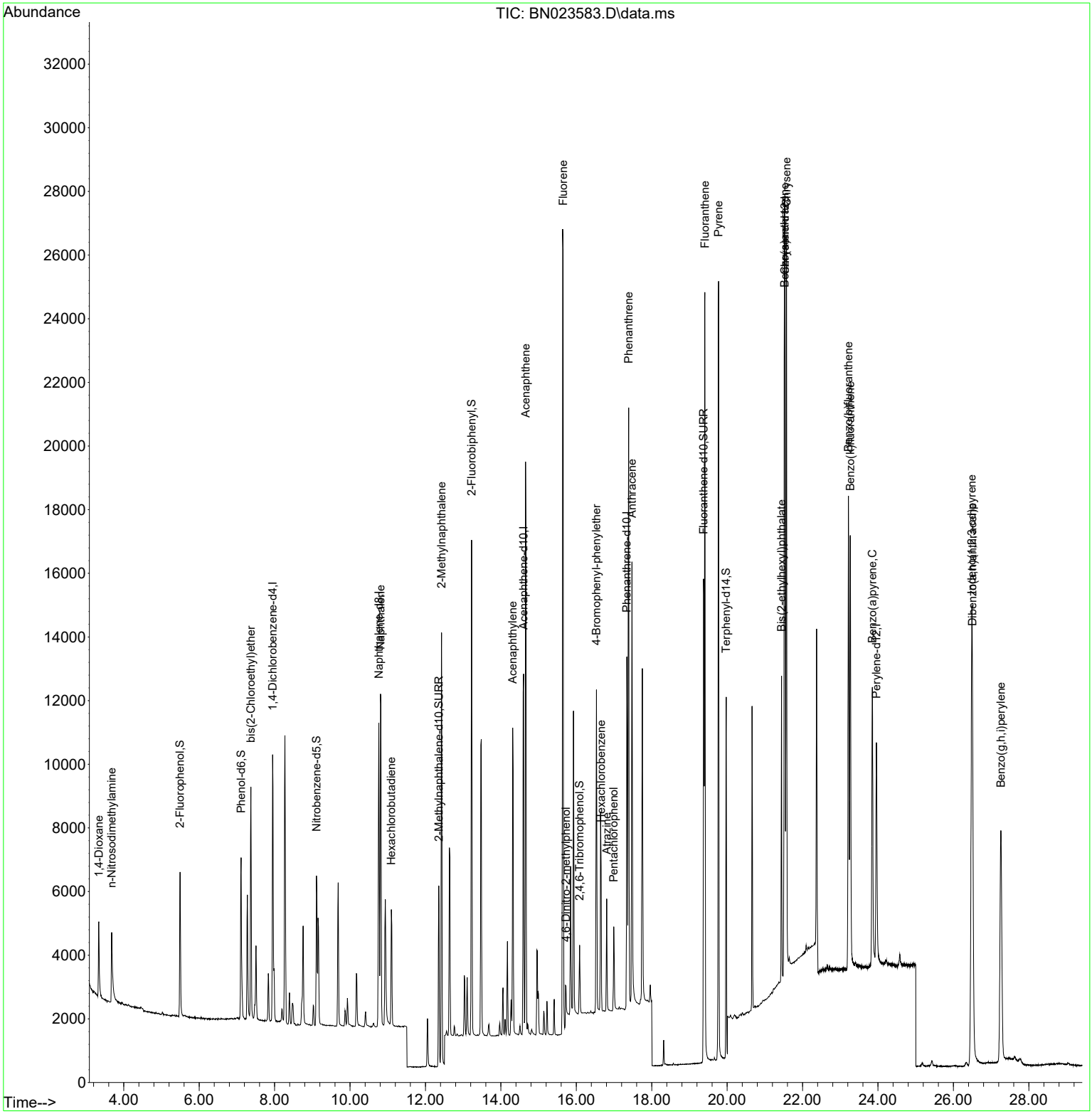
(#) = qualifier out of range (m) = manual integration (+) = signals summed

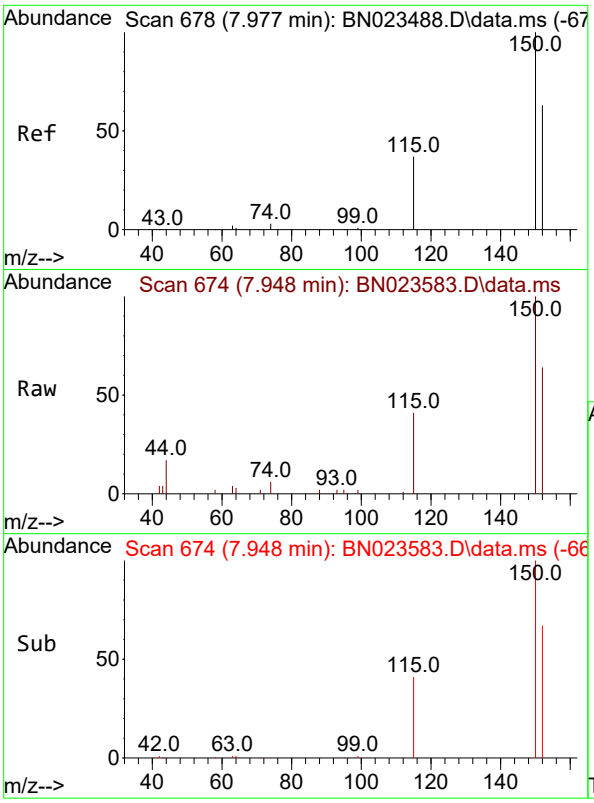
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023583.D
Acq On : 06 Jan 2023 22:24
Operator : CG/JU
Sample : PB150094BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Quant Time: Jan 07 02:06:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 07 02:04:12 2023
Response via : Initial Calibration



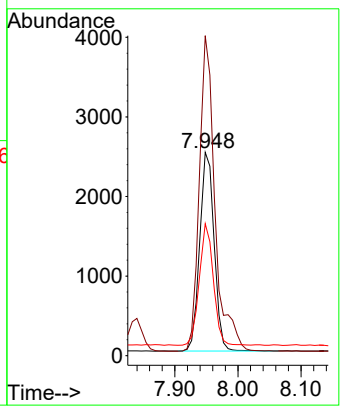


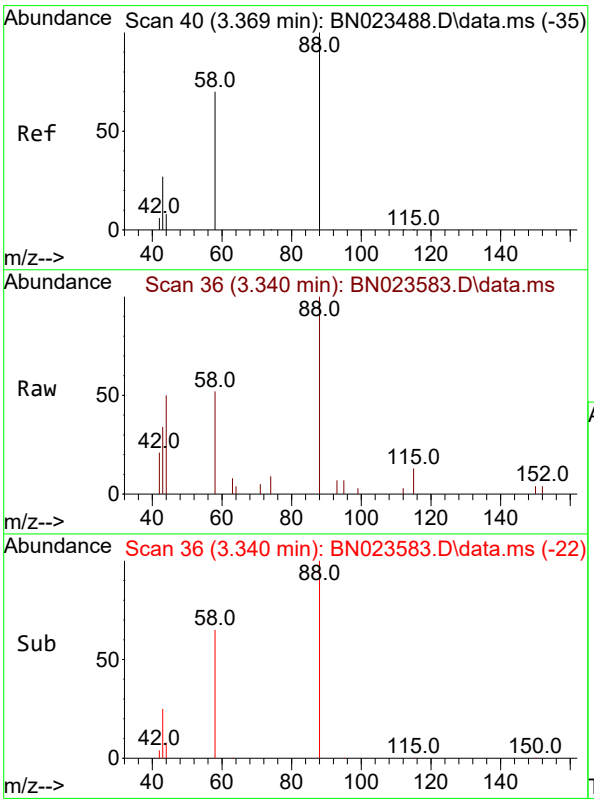
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:152 Resp: 3957

Ion	Ratio	Lower	Upper
152	100		
150	157.4	125.0	187.6
115	64.9	48.8	73.2

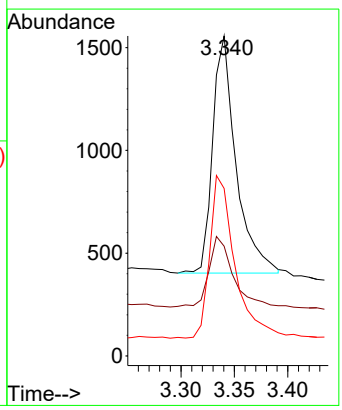


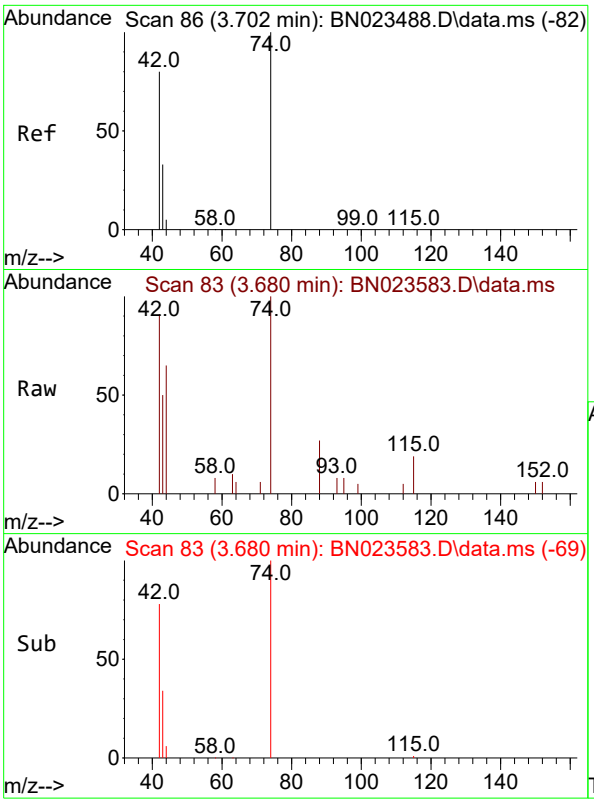


#2
1,4-Dioxane
Concen: 0.460 ng
RT: 3.340 min Scan# 36
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion: 88 Resp: 1753

Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.6	36.8
58	73.4	58.2	87.4



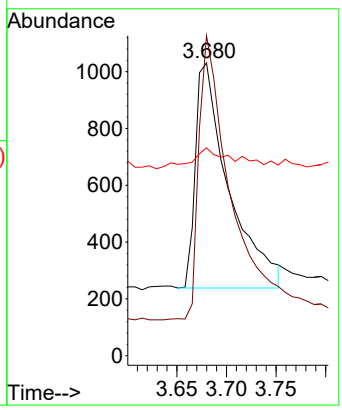


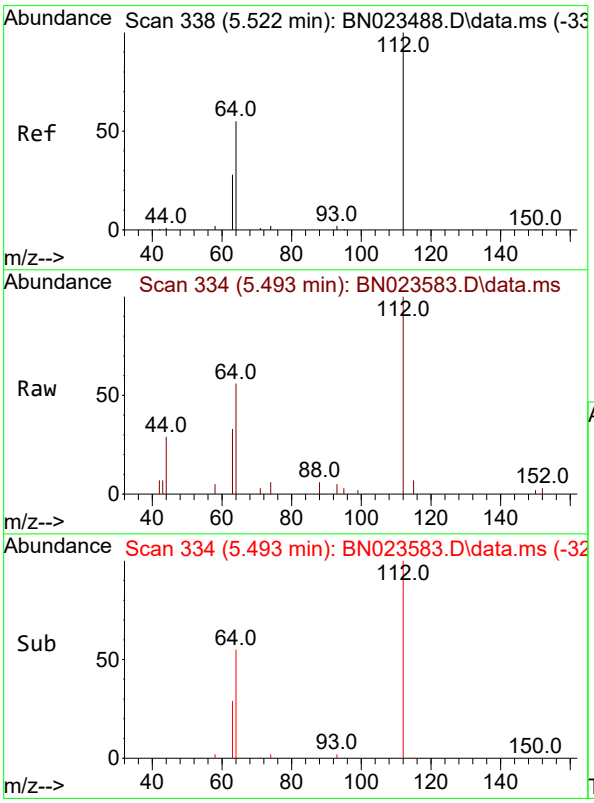
#3
n-Nitrosodimethylamine
Concen: 0.403 ng
RT: 3.680 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion: 42 Resp: 1851

Ion	Ratio	Lower	Upper
42	100		
74	121.1	102.1	153.1
44	11.6	5.6	8.4#

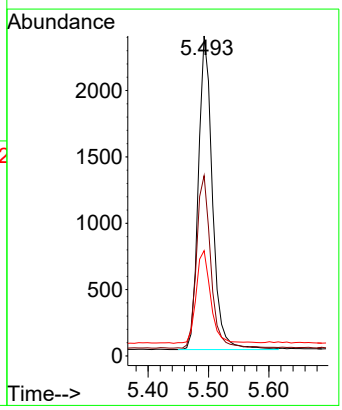


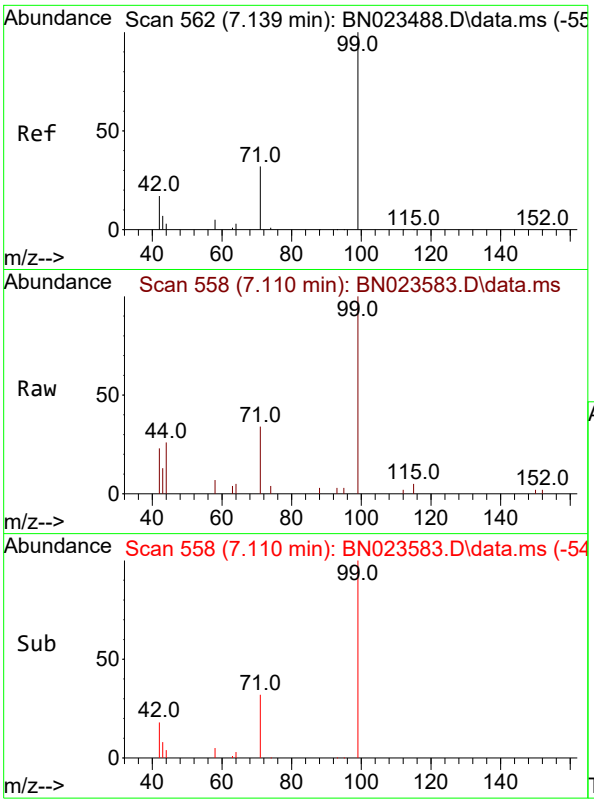


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.493 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:112 Resp: 3809

Ion	Ratio	Lower	Upper
112	100		
64	55.4	44.3	66.5
63	30.5	23.8	35.6



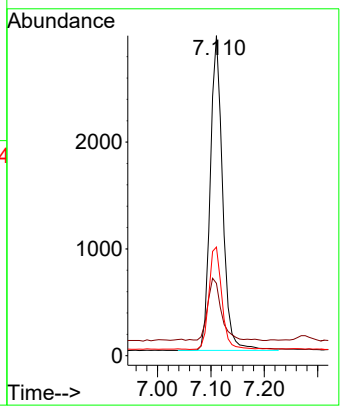


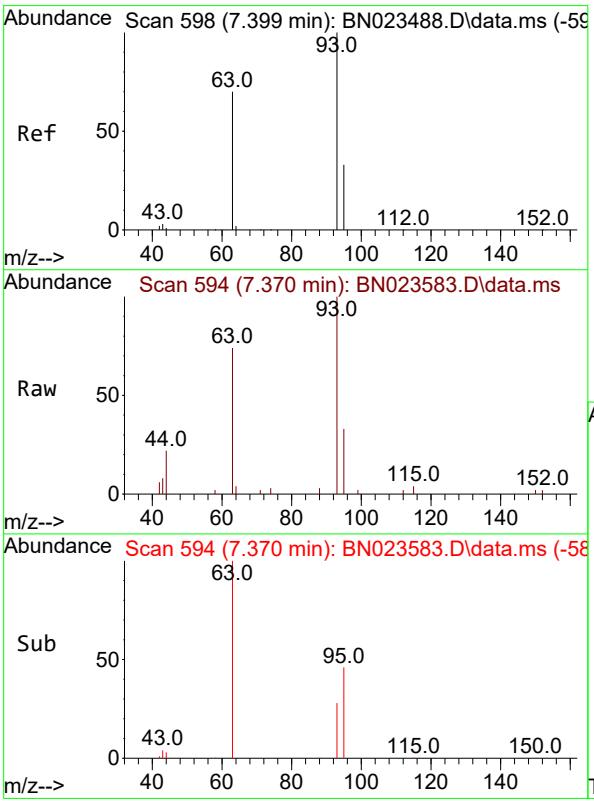
#5
Phenol-d6
Concen: 0.443 ng
RT: 7.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion: 99 Resp: 4762

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.8	25.2
71	33.9	27.0	40.4

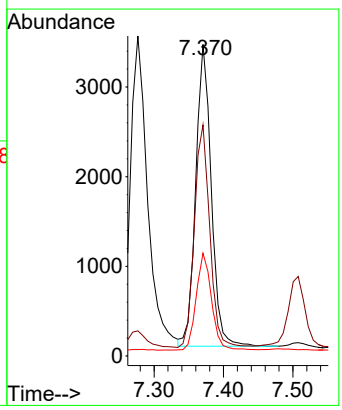


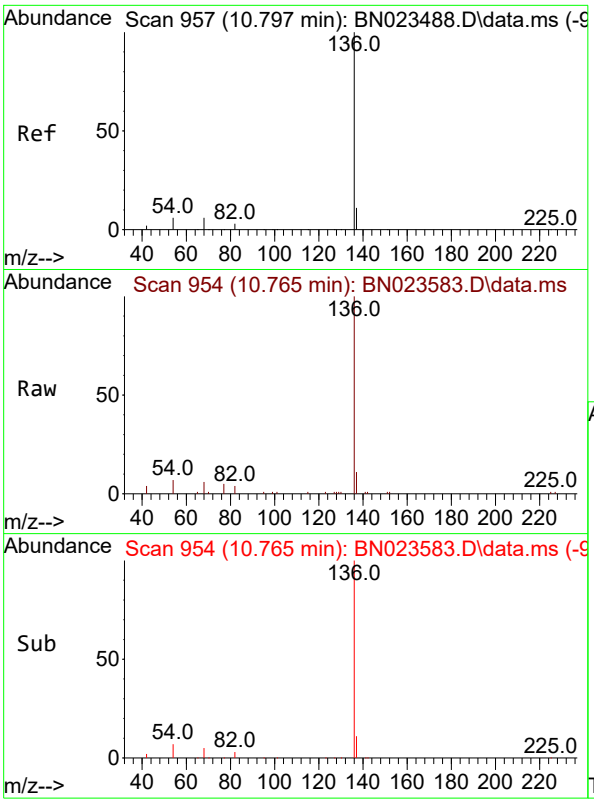


#6
bis(2-Chloroethyl)ether
Concen: 0.501 ng
RT: 7.370 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion: 93 Resp: 5224

Ion	Ratio	Lower	Upper
93	100		
63	72.8	58.9	88.3
95	31.7	26.1	39.1



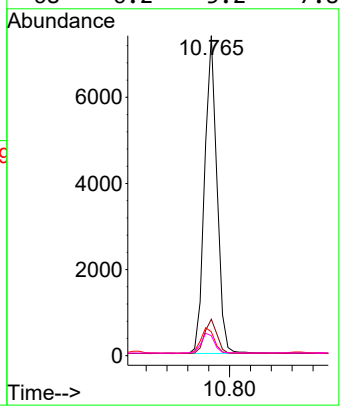


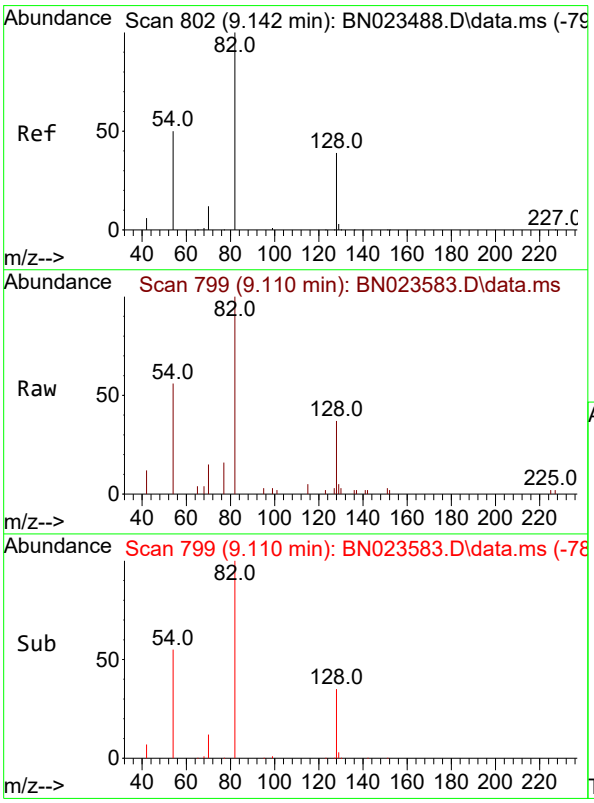
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:136 Resp: 12069

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.8
68	6.2	5.2	7.8

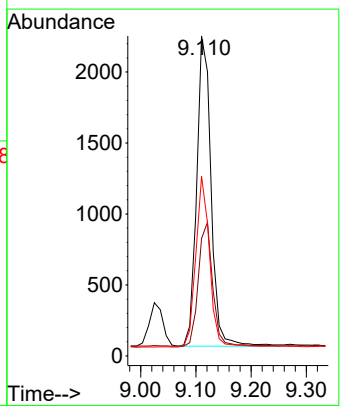


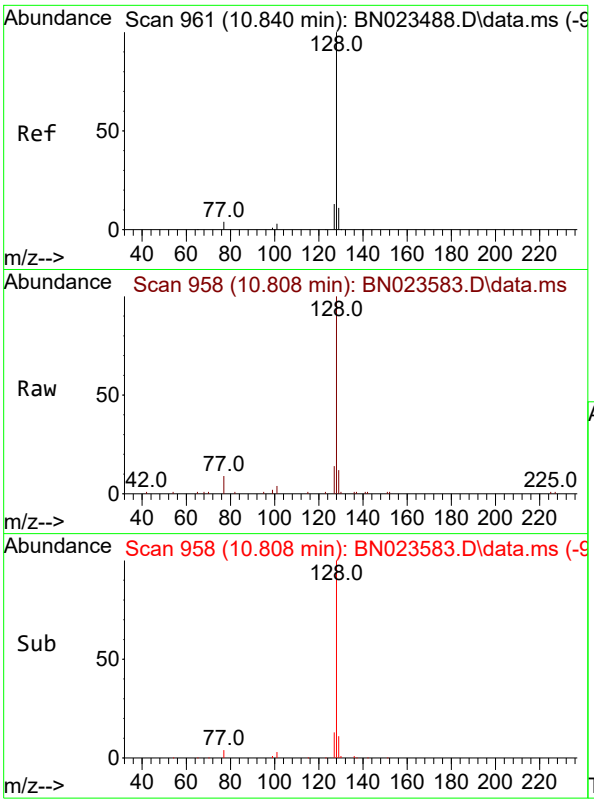


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion: 82 Resp: 3972

Ion	Ratio	Lower	Upper
82	100		
128	36.7	32.6	49.0
54	56.1	41.4	62.0



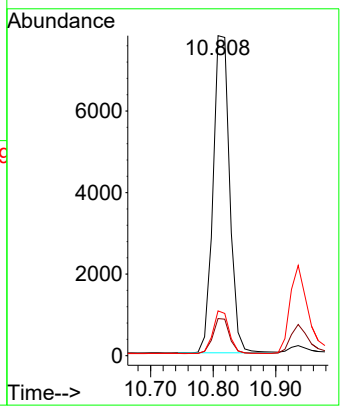


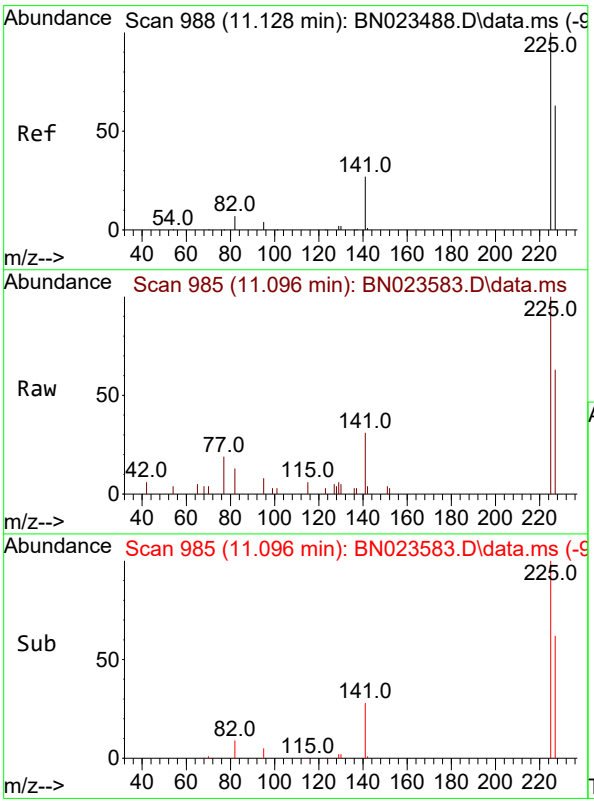
#9
Naphthalene
Concen: 0.466 ng
RT: 10.808 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:128 Resp: 14368

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	14.0	11.0	16.4

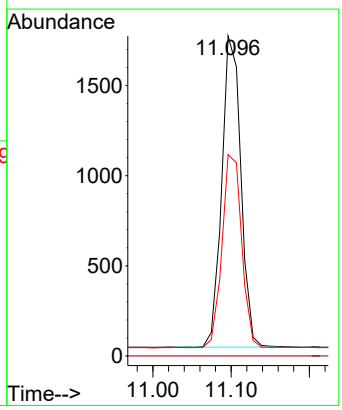


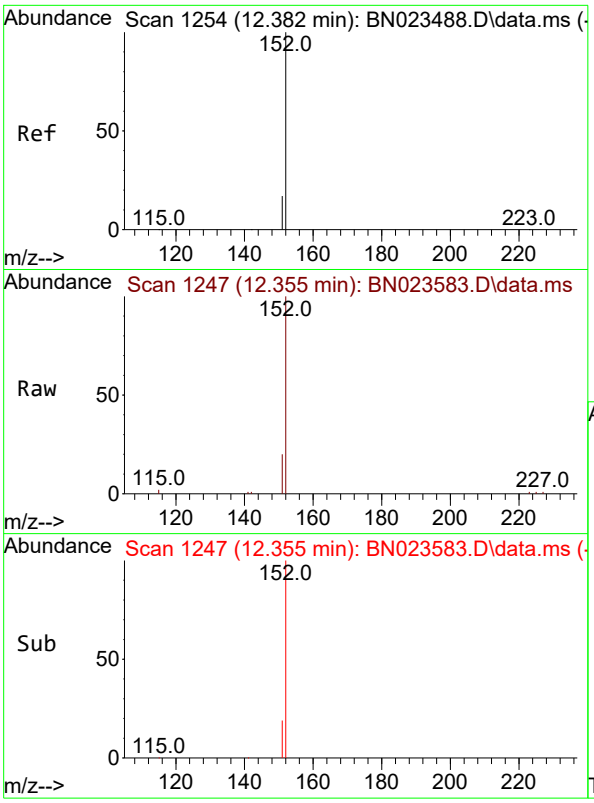


#10
Hexachlorobutadiene
Concen: 0.469 ng
RT: 11.096 min Scan# 985
Delta R.T. -0.011 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:225 Resp: 2917

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.8	77.8



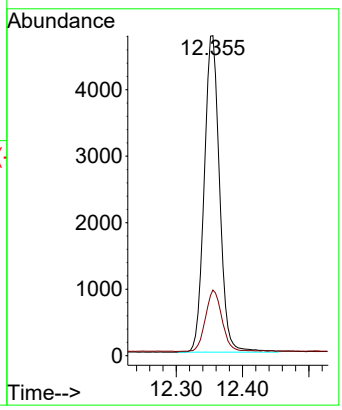


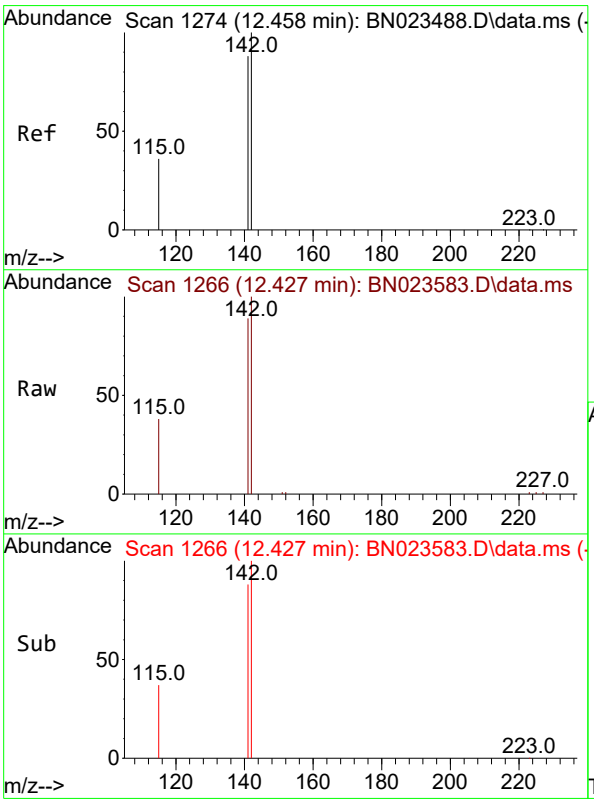
#11
2-Methylnaphthalene-d10
Concen: 0.436 ng
RT: 12.355 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:152 Resp: 7671

Ion	Ratio	Lower	Upper
152	100		
151	20.9	14.8	22.2

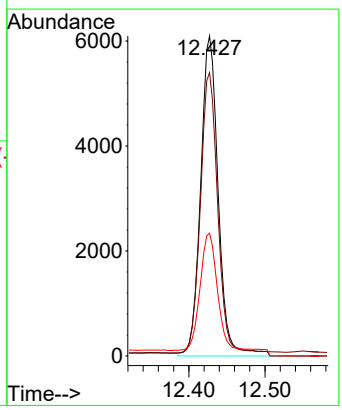


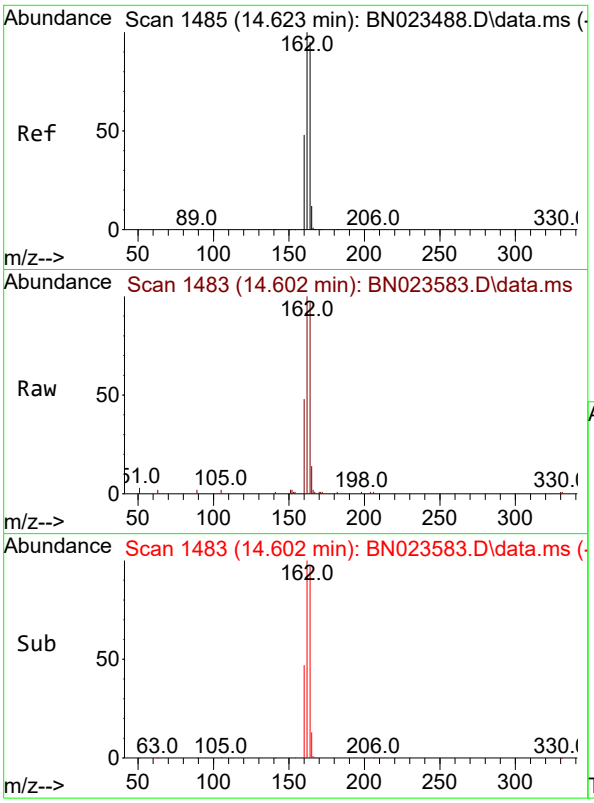


#12
2-Methylnaphthalene
Concen: 0.466 ng
RT: 12.427 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:142 Resp: 10335

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.5	105.7
115	38.4	29.5	44.3



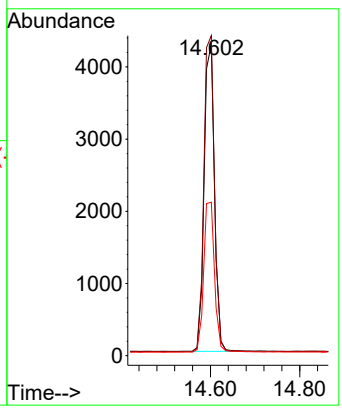


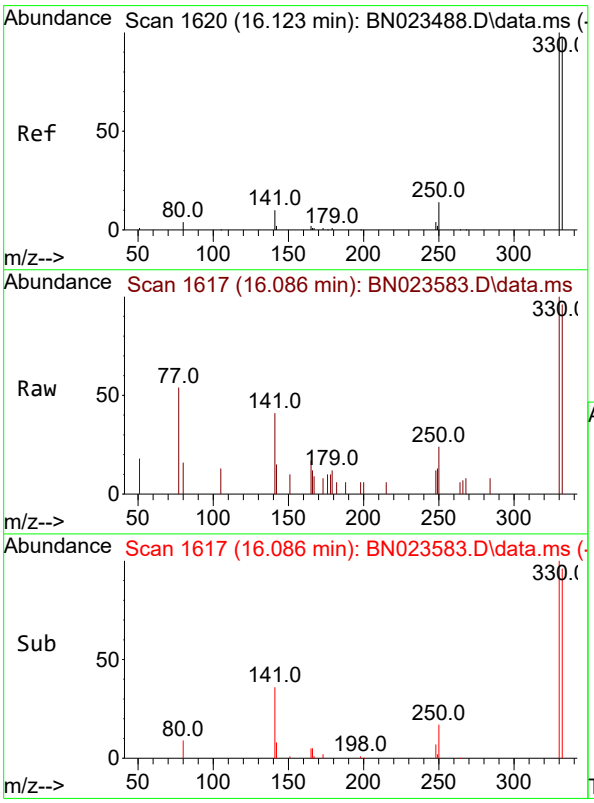
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.602 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:164 Resp: 6791

Ion	Ratio	Lower	Upper
164	100		
162	102.6	83.9	125.9
160	49.2	40.9	61.3

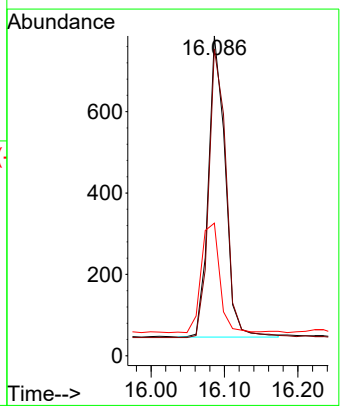


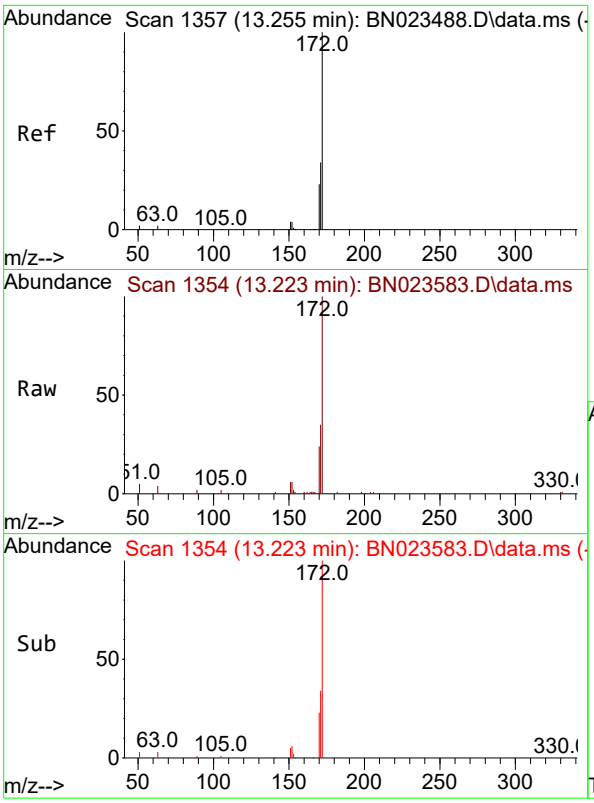


#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:330 Resp: 1178

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.7	115.1
141	40.0	29.8	44.6



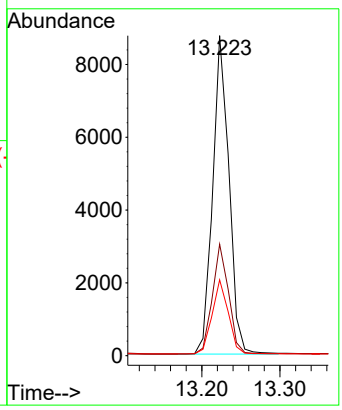


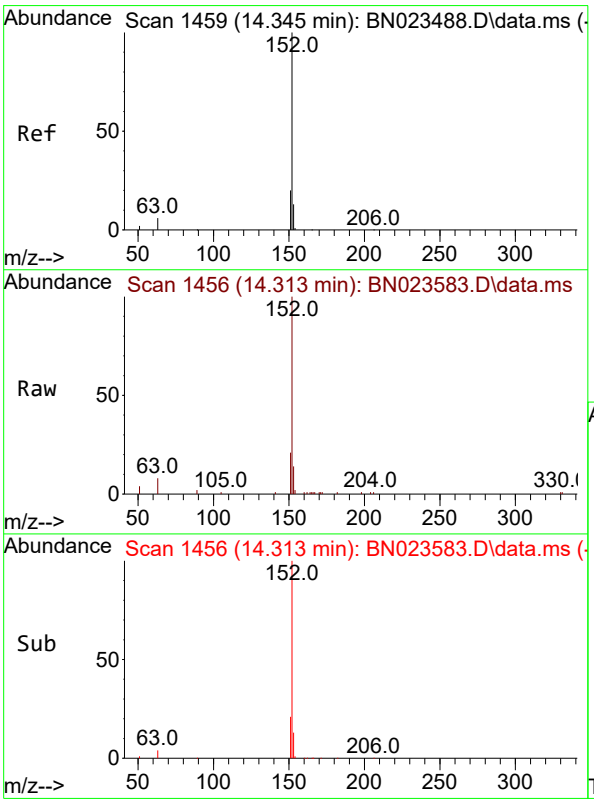
#15
2-Fluorobiphenyl
Concen: 0.469 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:172 Resp: 12611

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.7	18.7	28.1

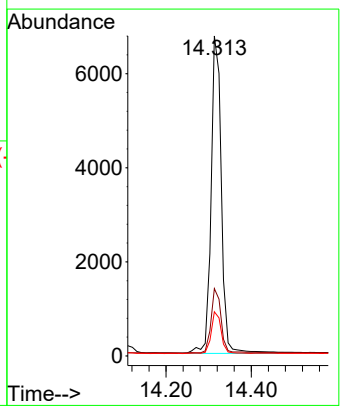


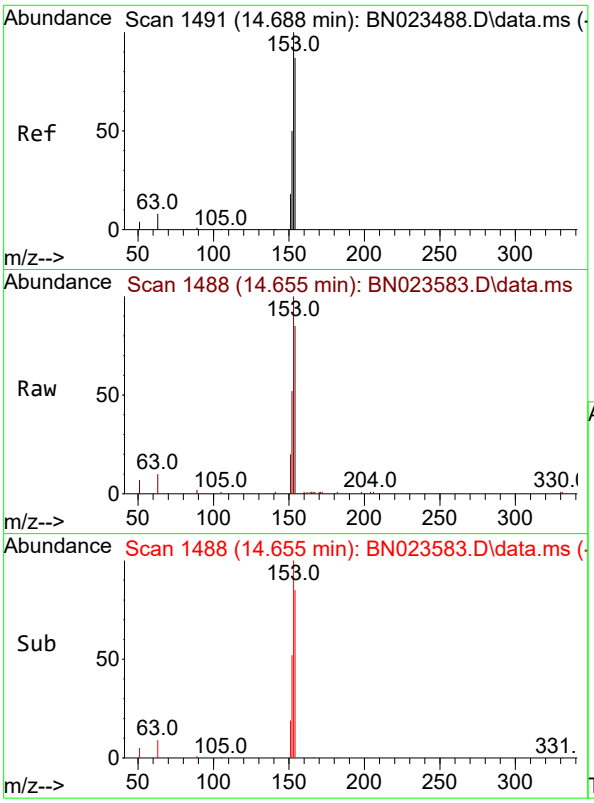


#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.313 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:152 Resp: 11272

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.4	23.2
153	12.8	10.3	15.5



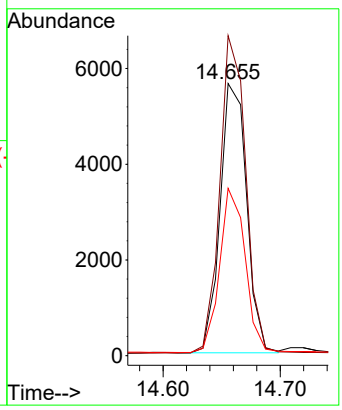


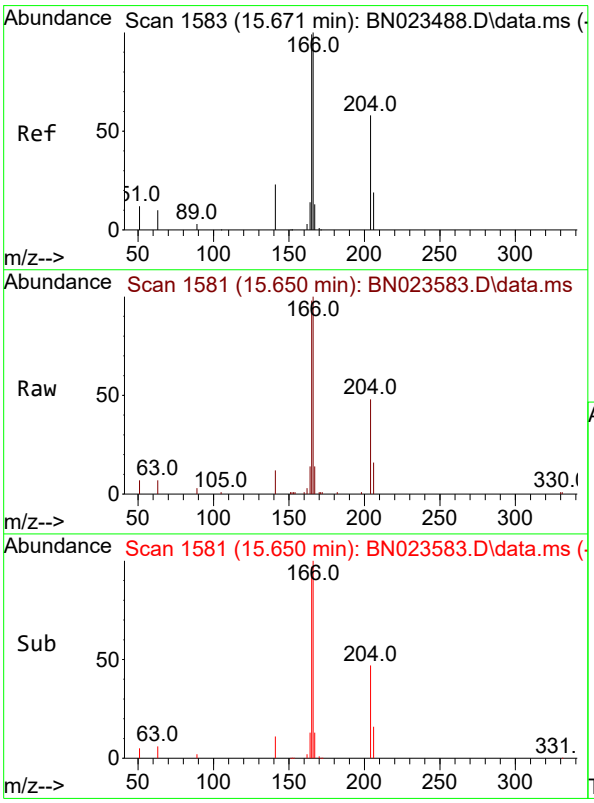
#17
Acenaphthene
Concen: 0.467 ng
RT: 14.655 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:154 Resp: 8867

Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.8	136.2
152	59.0	46.3	69.5

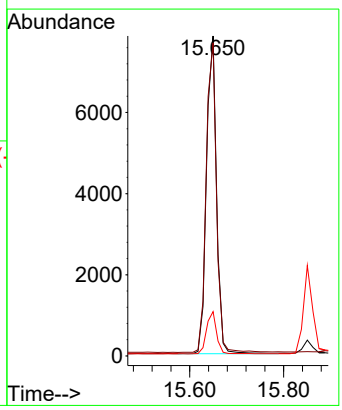


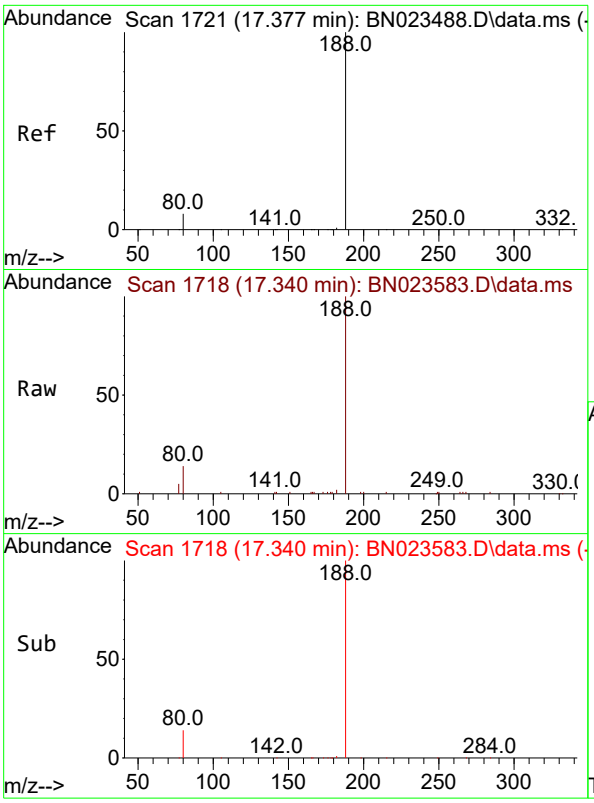


#18
Fluorene
Concen: 0.462 ng
RT: 15.650 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:166 Resp: 12229

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	13.1	10.6	16.0



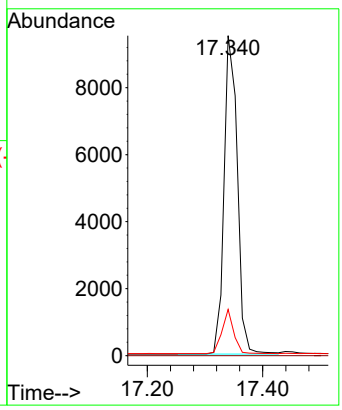


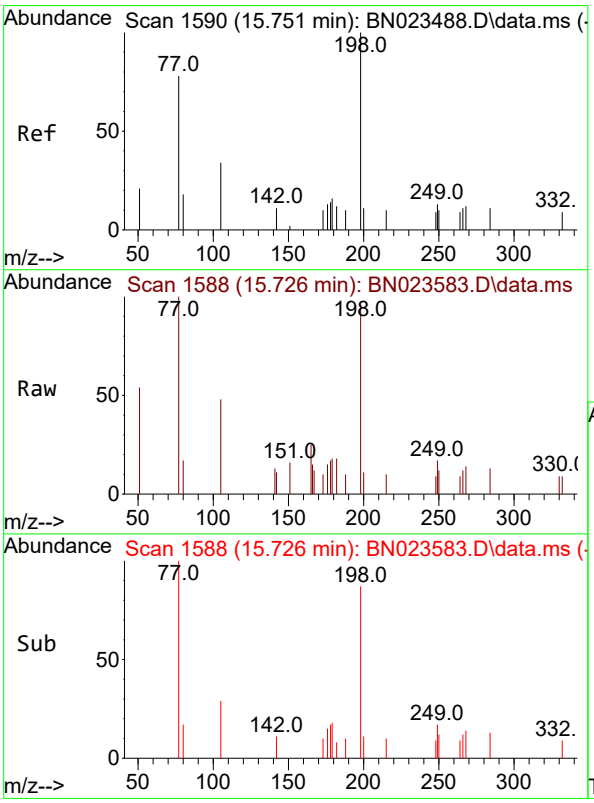
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:188 Resp: 15248

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.5	6.7	10.1#

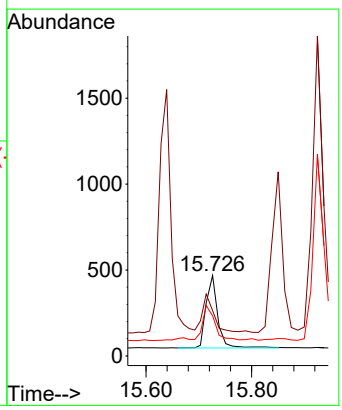


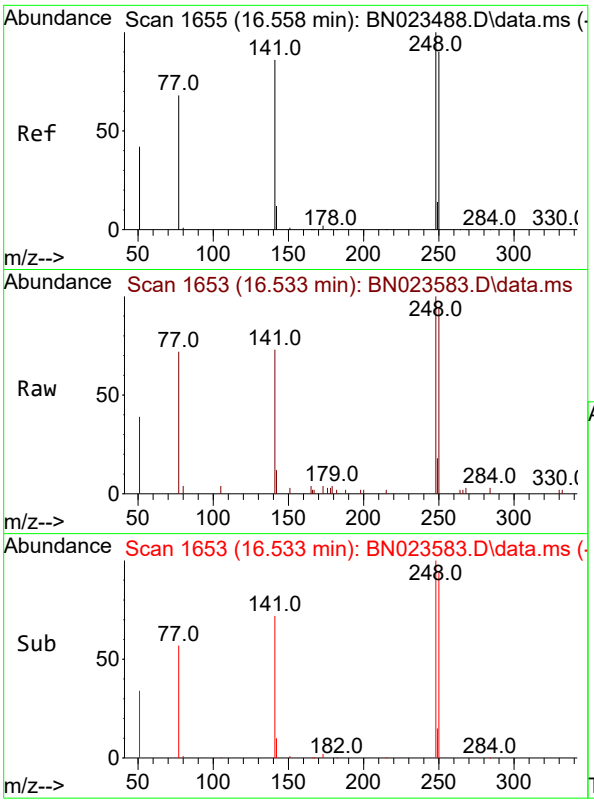


#20
4,6-Dinitro-2-methylphenol
Concen: 0.477 ng
RT: 15.726 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:198 Resp: 644

Ion	Ratio	Lower	Upper
198	100		
51	56.4	48.2	72.4
105	50.0	41.0	61.4



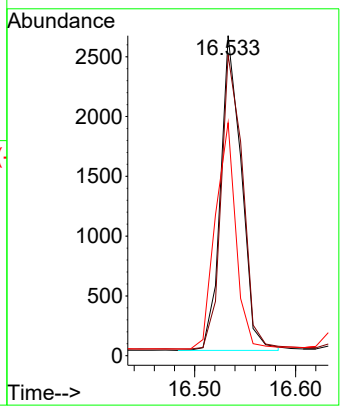


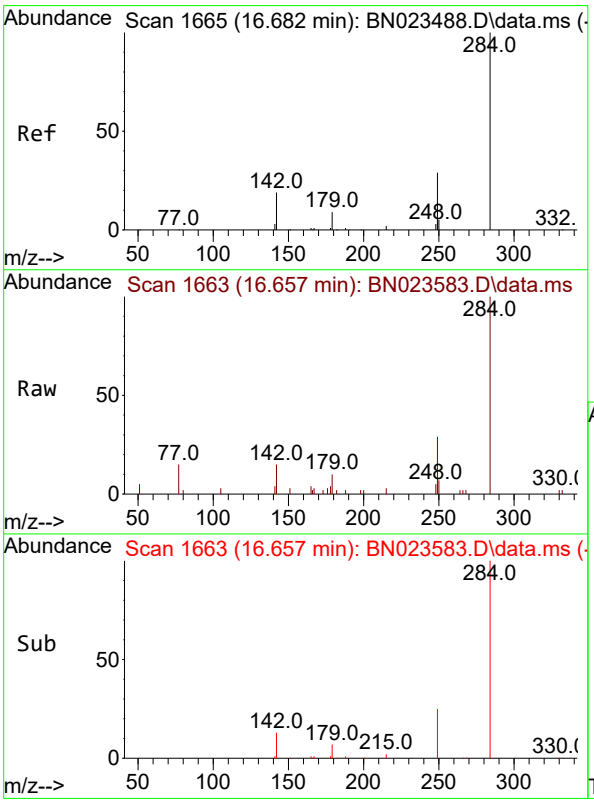
#21
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 16.533 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:248 Resp: 3777

Ion	Ratio	Lower	Upper
248	100		
250	94.0	72.6	108.8
141	72.8	69.4	104.0

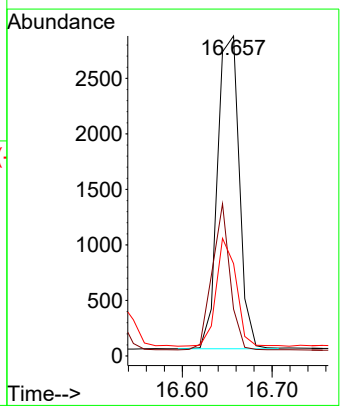


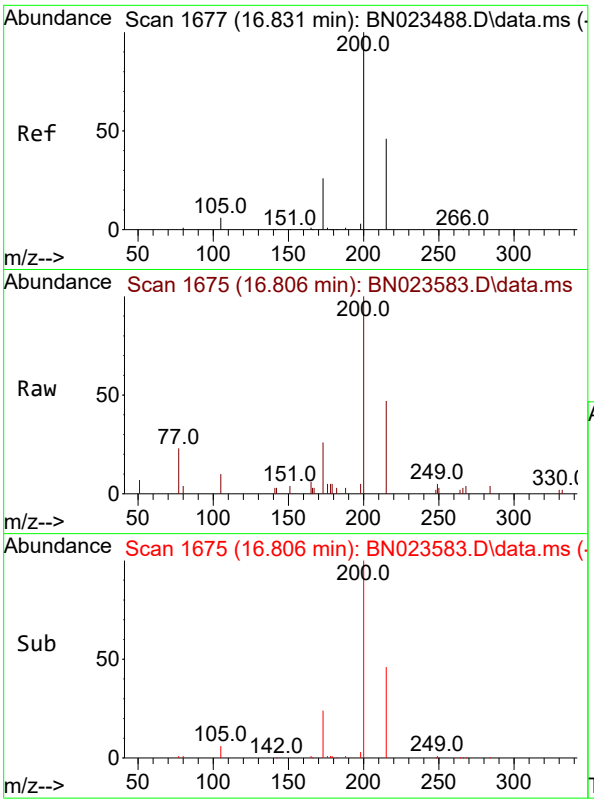


#22
Hexachlorobenzene
Concen: 0.438 ng
RT: 16.657 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:284 Resp: 4727

Ion	Ratio	Lower	Upper
284	100		
142	38.4	29.0	43.6
249	31.6	24.5	36.7



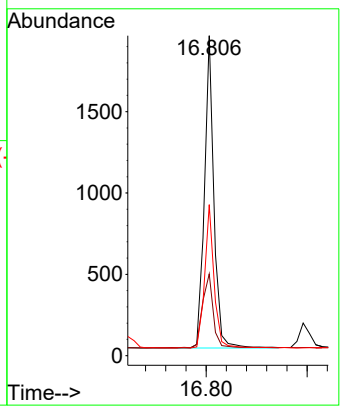


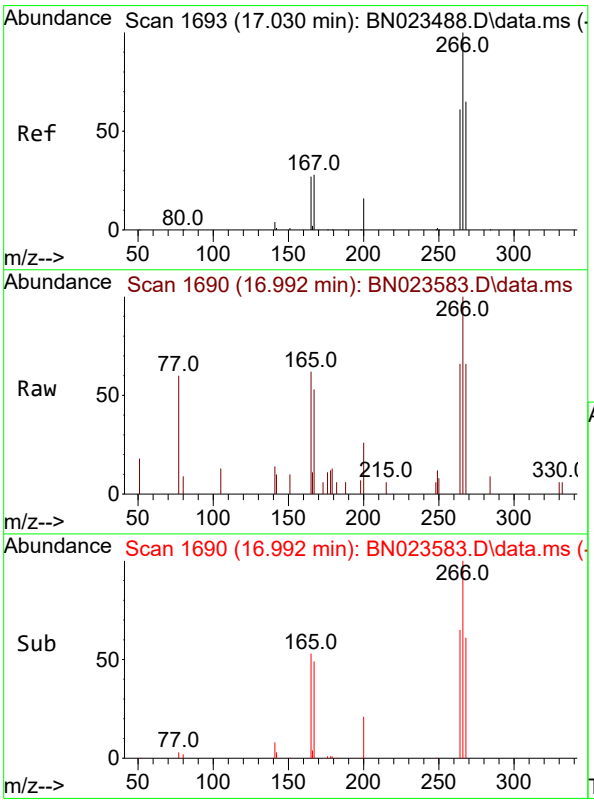
#23
Atrazine
Concen: 0.363 ng
RT: 16.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:200 Resp: 2506

Ion	Ratio	Lower	Upper
200	100		
173	25.6	22.1	33.1
215	47.2	38.2	57.2

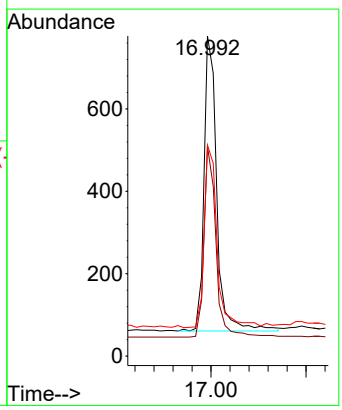


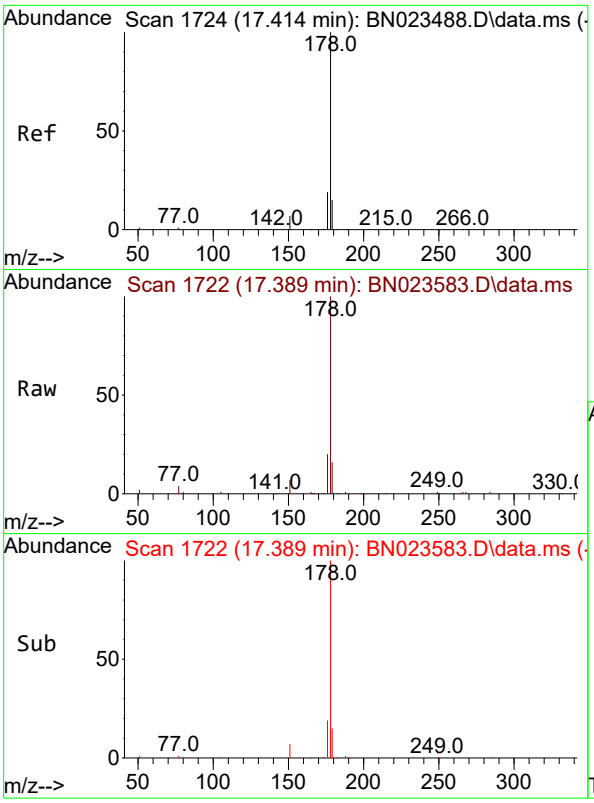


#24
Pentachlorophenol
Concen: 0.416 ng
RT: 16.992 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:266 Resp: 1335

Ion	Ratio	Lower	Upper
266	100		
264	60.8	49.7	74.5
268	62.9	51.4	77.0



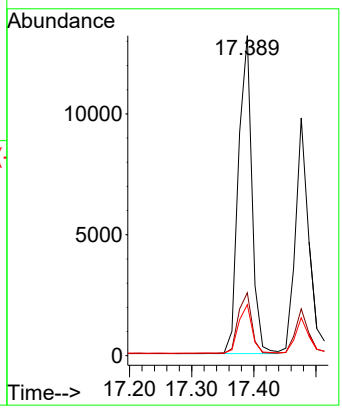


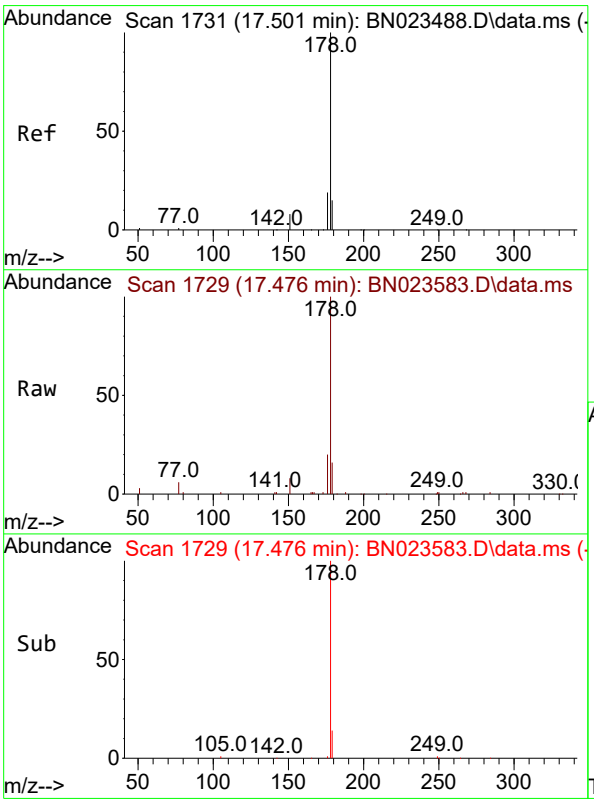
#25
Phenanthrene
Concen: 0.456 ng
RT: 17.389 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:178 Resp: 19793

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.5	12.2	18.4

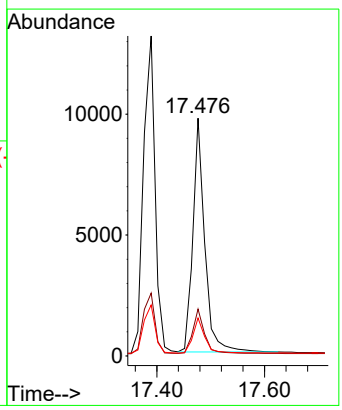


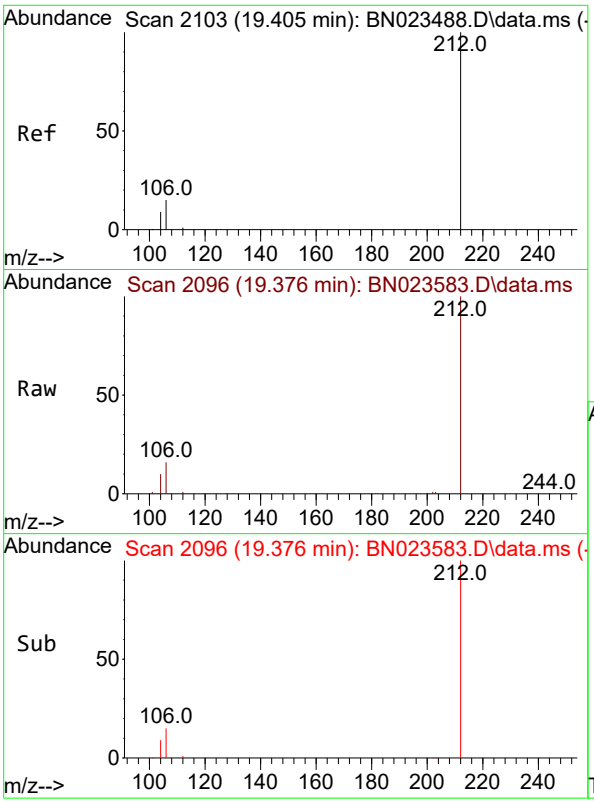


#26
Anthracene
Concen: 0.411 ng
RT: 17.476 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:178 Resp: 14804

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.1	12.3	18.5



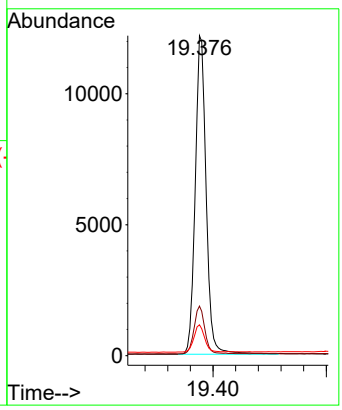


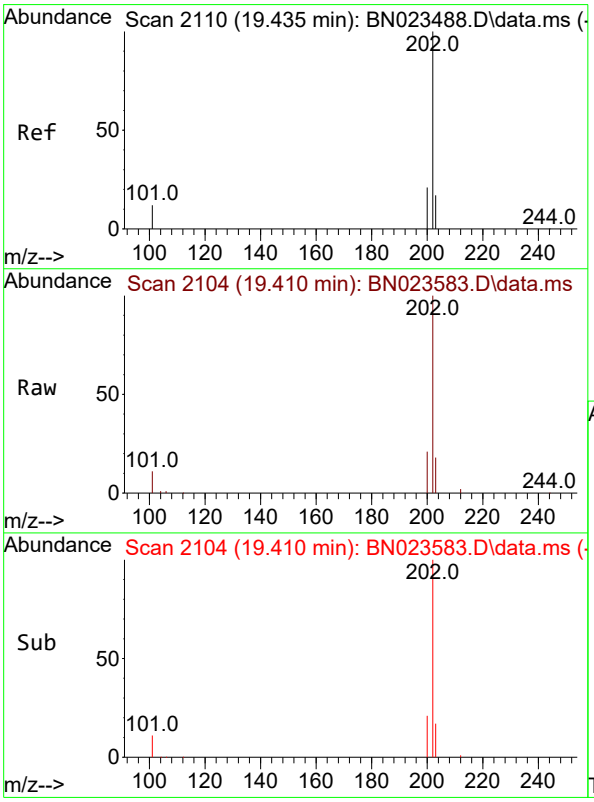
#27
Fluoranthene-d10
Concen: 0.439 ng
RT: 19.376 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:212 Resp: 16371

Ion	Ratio	Lower	Upper
212	100		
106	14.8	12.3	18.5
104	8.5	6.8	10.2

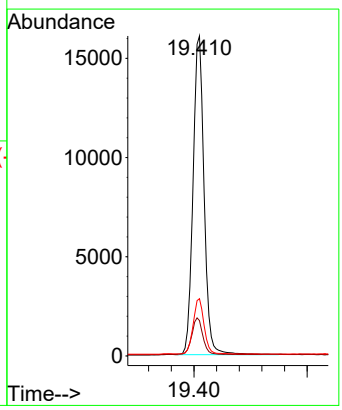


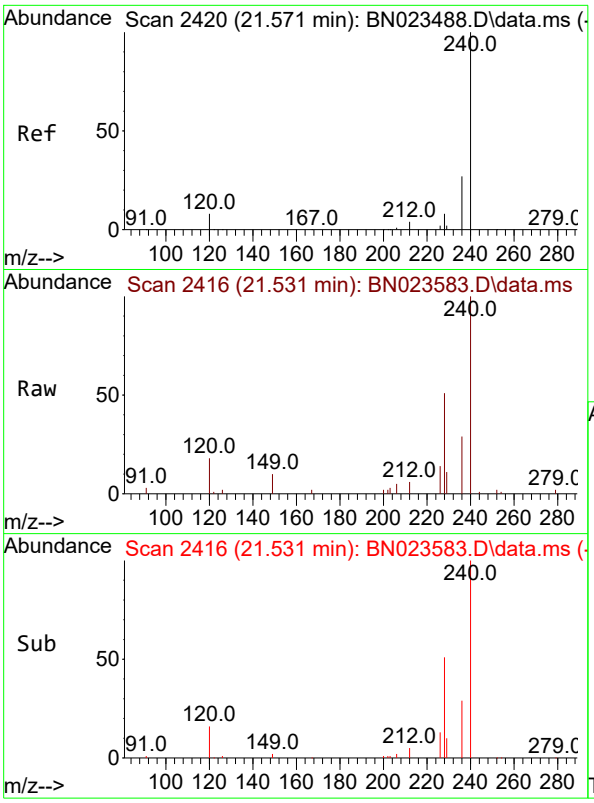


#28
Fluoranthene
Concen: 0.448 ng
RT: 19.410 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:202 Resp: 21871

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
203	17.1	13.8	20.8



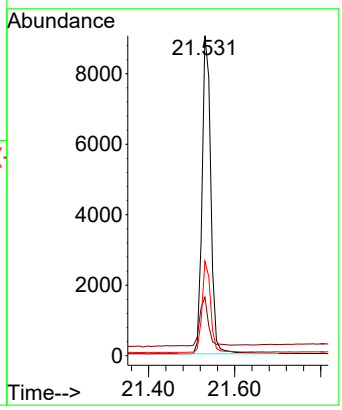


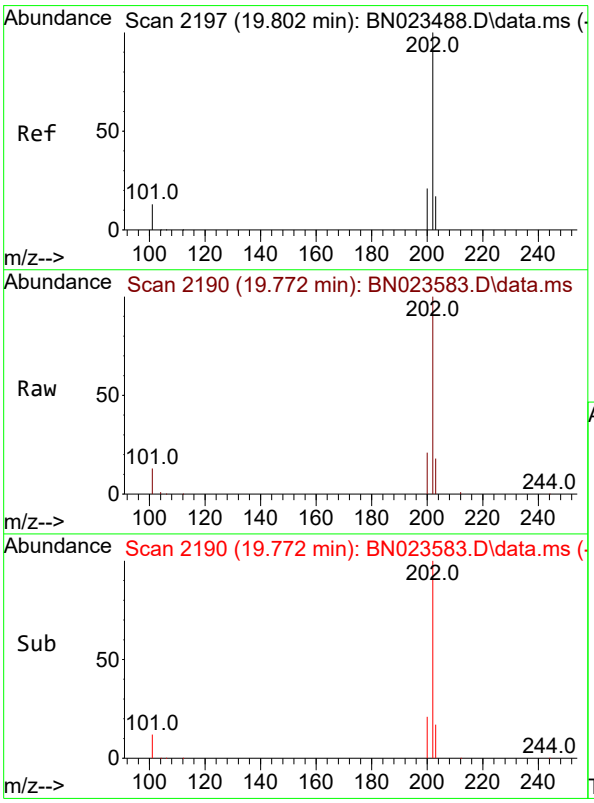
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.531 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:240 Resp: 12796

Ion	Ratio	Lower	Upper
240	100		
120	18.3	8.9	13.3#
236	29.5	22.5	33.7

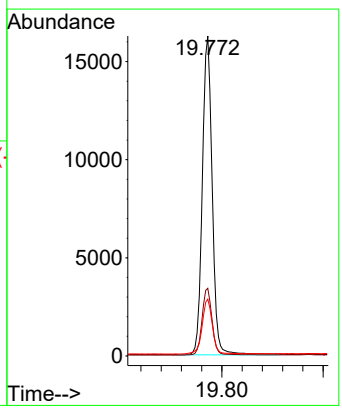


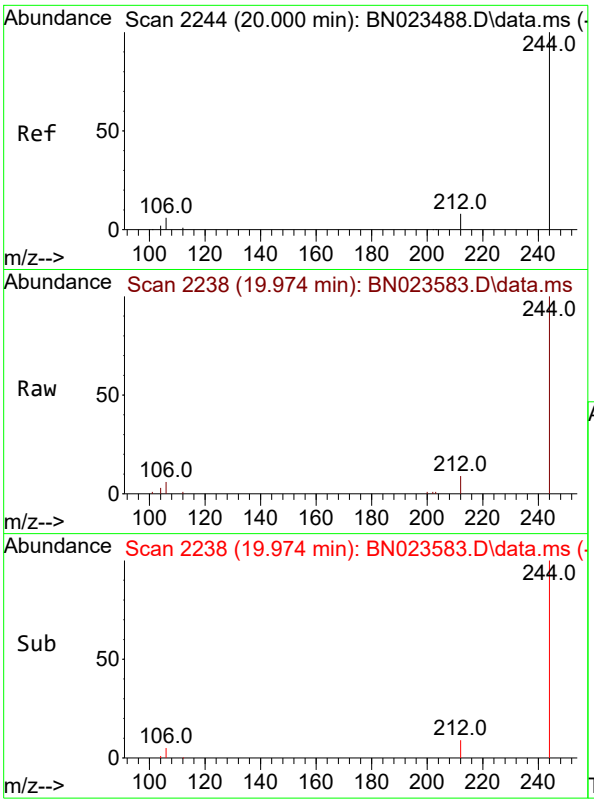


#30
Pyrene
Concen: 0.461 ng
RT: 19.772 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:202 Resp: 22007

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.8	14.4	21.6



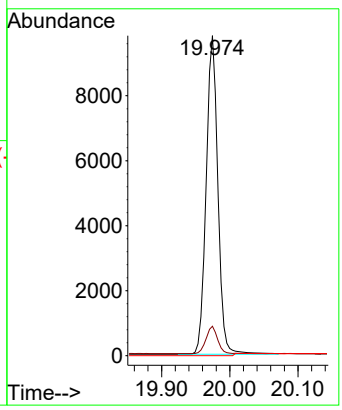


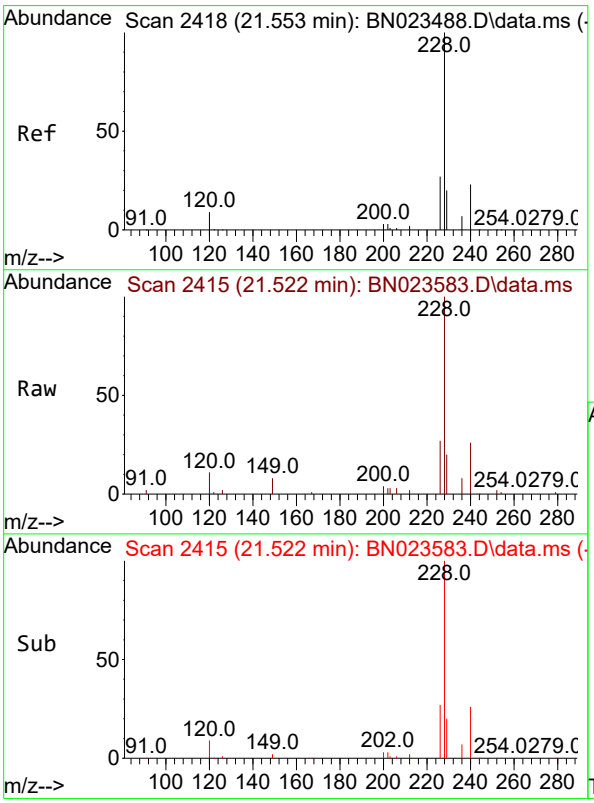
#31
Terphenyl-d14
Concen: 0.501 ng
RT: 19.974 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:244 Resp: 14943

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	0.0	0.0	0.0

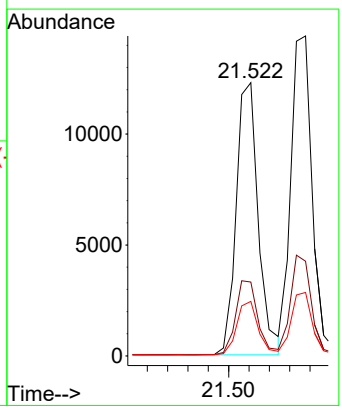


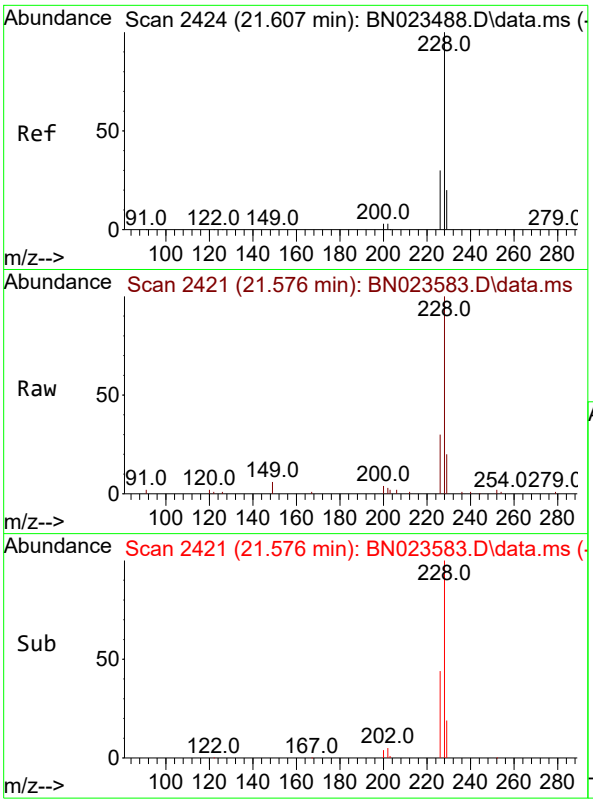


#32
Benzo(a)anthracene
Concen: 0.432 ng
RT: 21.522 min Scan# 2415
Delta R.T. 0.004 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:228 Resp: 18436

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.0	16.0	24.0



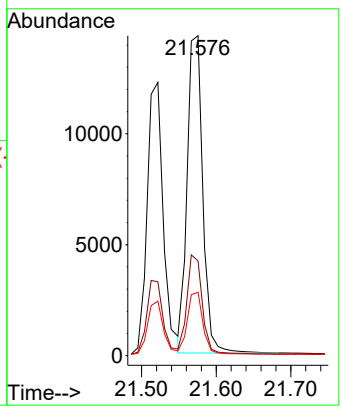


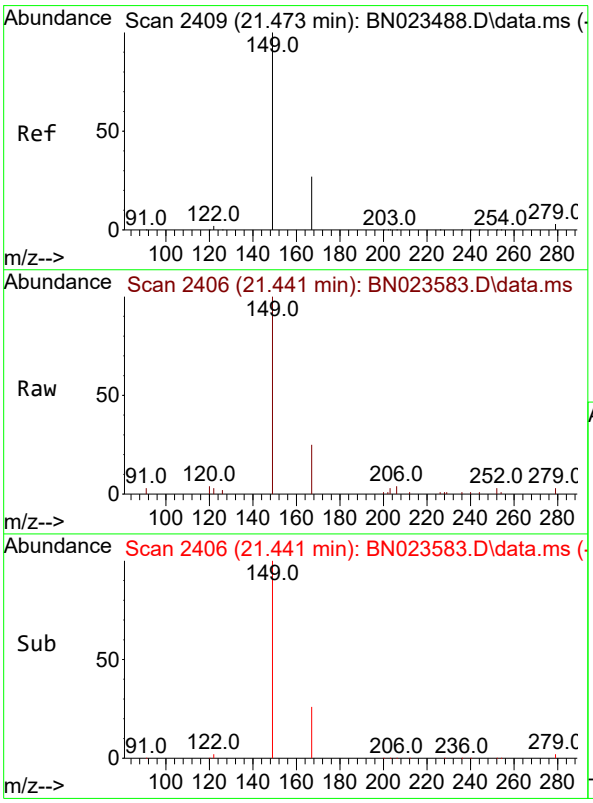
#33
Chrysene
Concen: 0.477 ng
RT: 21.576 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:228 Resp: 20905

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.9	16.0	24.0

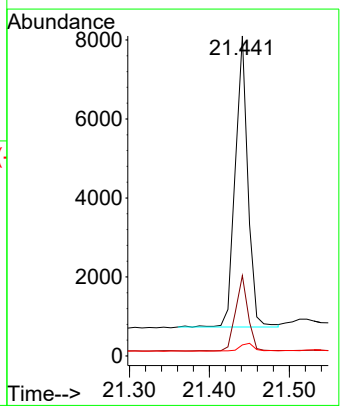


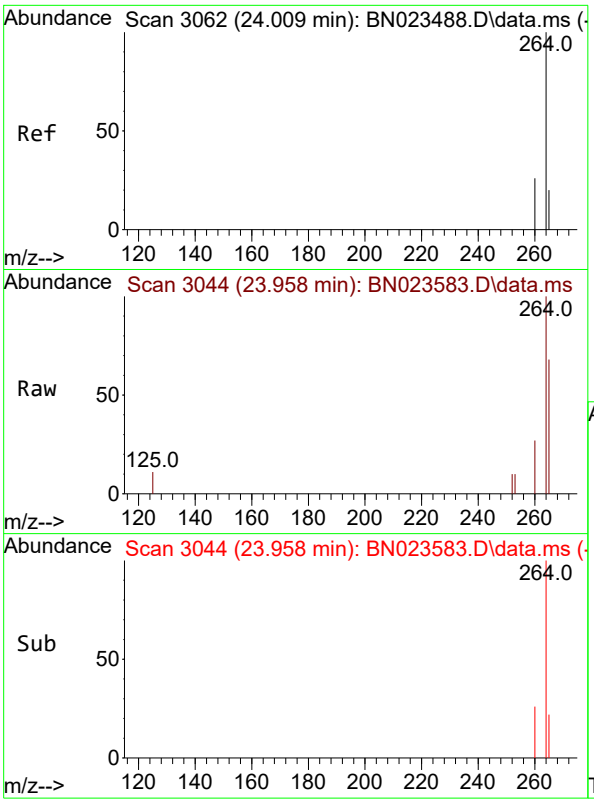


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.307 ng
RT: 21.441 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:149 Resp: 8050

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.6
279	3.3	2.2	3.4



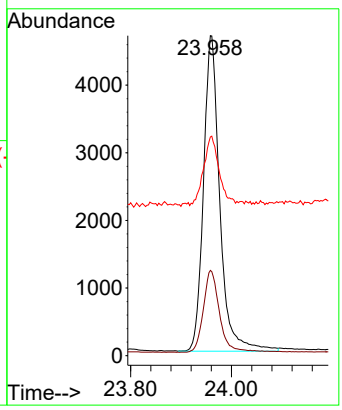


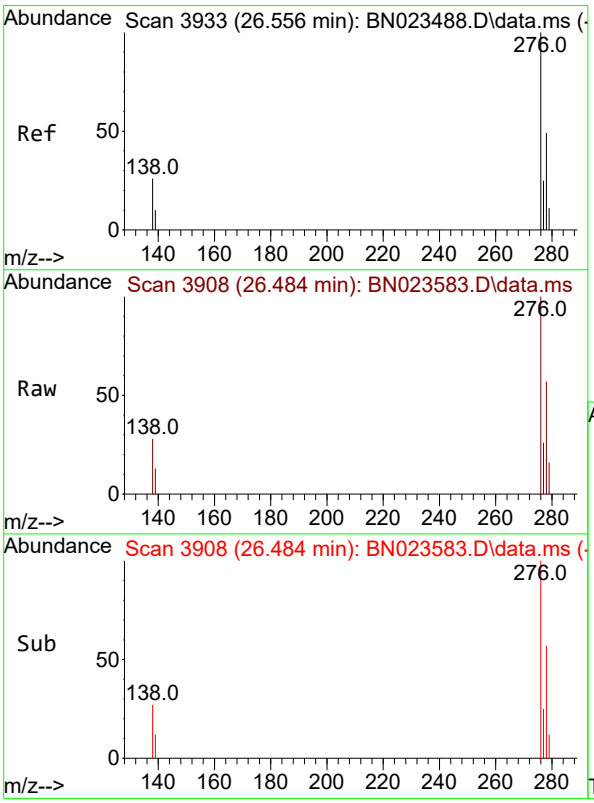
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.958 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:264 Resp: 10482

Ion	Ratio	Lower	Upper
264	100		
260	26.6	21.1	31.7
265	68.4	48.9	73.3

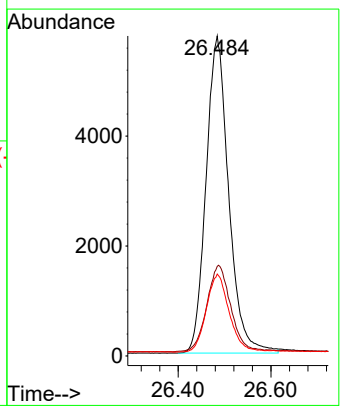


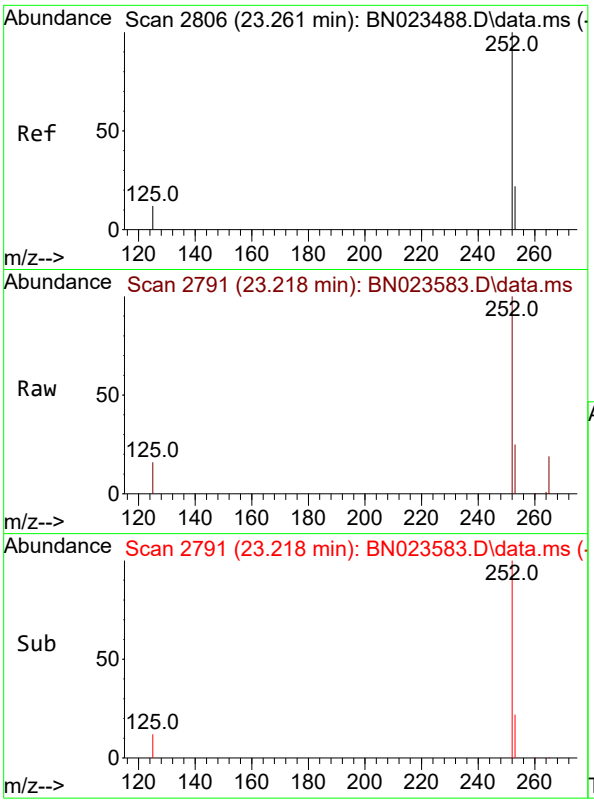


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.501 ng
RT: 26.484 min Scan# 3908
Delta R.T. -0.002 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:276 Resp: 19593

Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.0	34.6
277	24.8	19.5	29.3



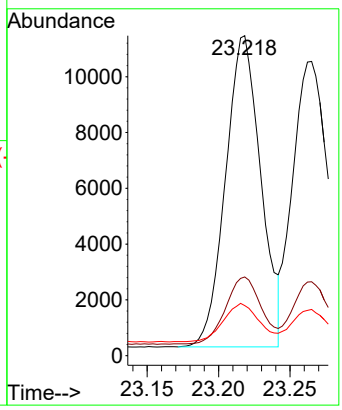


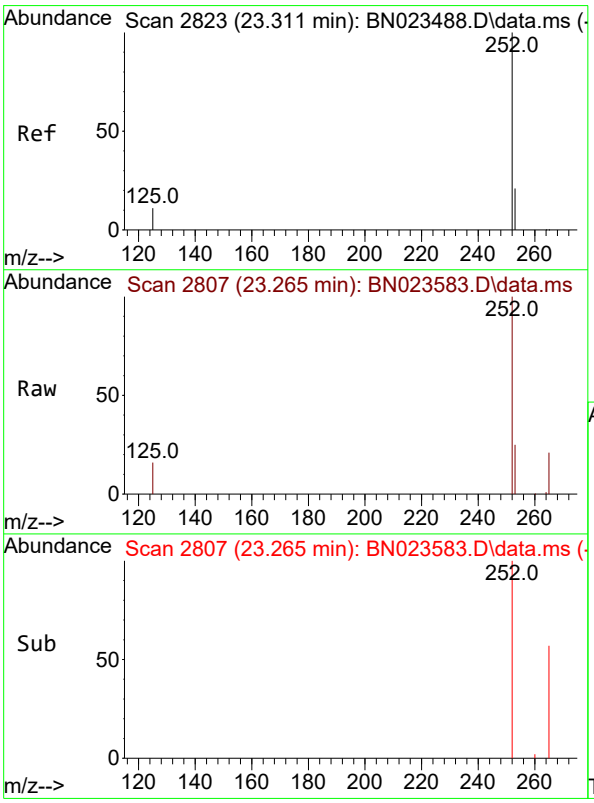
#37
Benzo(b)fluoranthene
Concen: 0.476 ng
RT: 23.218 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:252 Resp: 19177

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.7	31.1
125	15.7	13.4	20.2

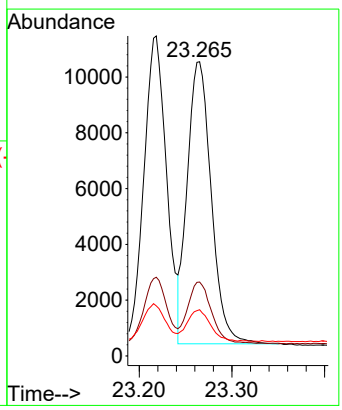


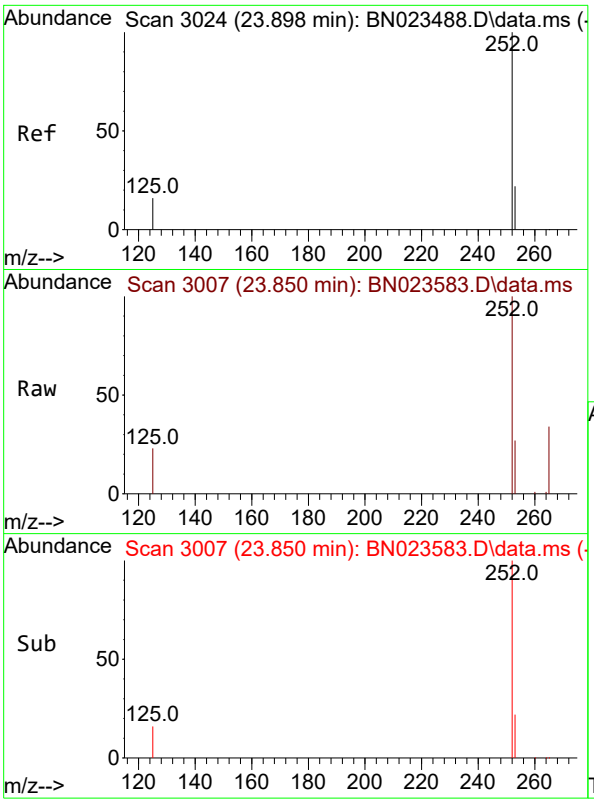


#38
Benzo(k)fluoranthene
Concen: 0.459 ng
RT: 23.265 min Scan# 2807
Delta R.T. -0.005 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:252 Resp: 18186

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.2	30.4
125	15.7	13.0	19.6



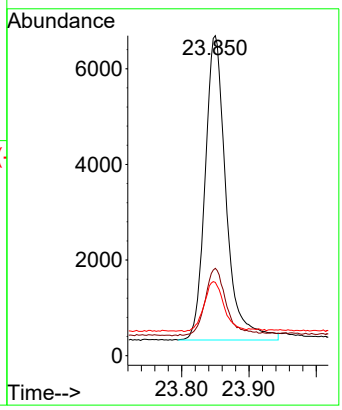


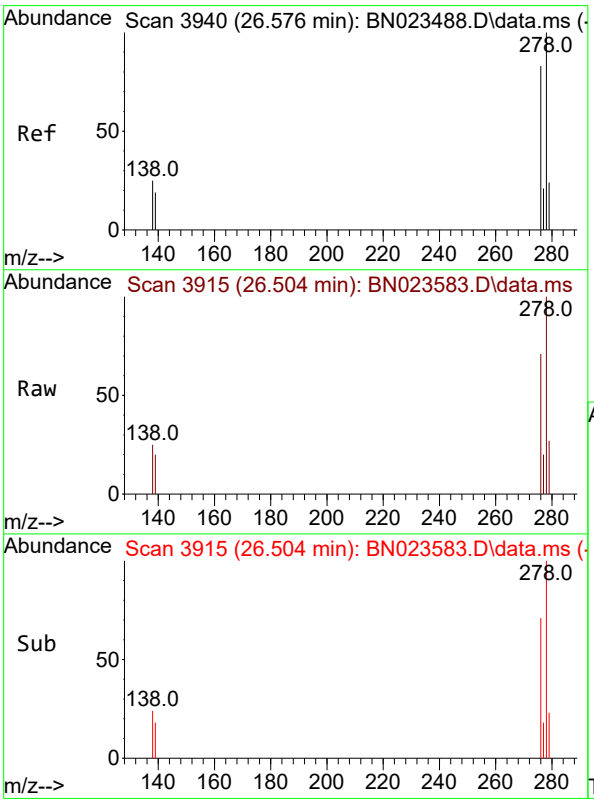
#39
Benzo(a)pyrene
Concen: 0.449 ng
RT: 23.850 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:252 Resp: 13799

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.3	33.5
125	22.9	18.7	28.1

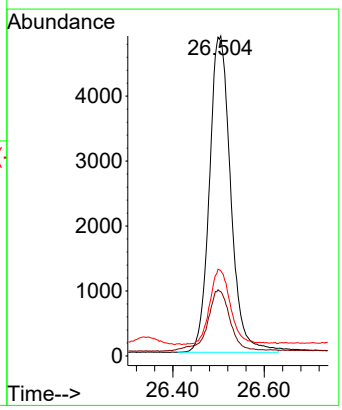


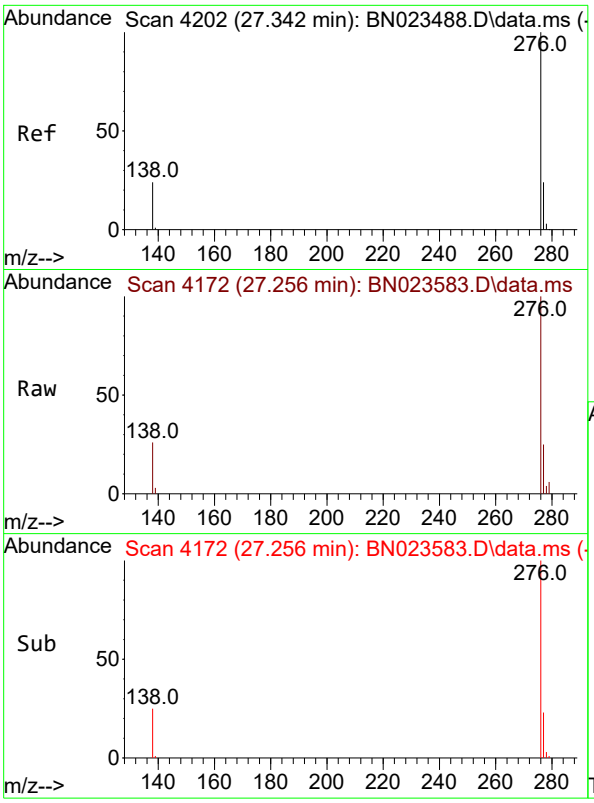


#40
Dibenzo(a,h)anthracene
Concen: 0.527 ng
RT: 26.504 min Scan# 3915
Delta R.T. -0.002 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Tgt Ion:278 Resp: 15726

Ion	Ratio	Lower	Upper
278	100		
139	20.1	17.7	26.5
279	26.6	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.482 ng
RT: 27.256 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN023583.D
Acq: 06 Jan 2023 22:24

Instrument :
BNA_N
ClientSampleId :
PB150094BSD

Tgt Ion:276 Resp: 16613

Ion	Ratio	Lower	Upper
276	100		
277	24.8	20.0	30.0
138	26.1	20.6	31.0