Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023581.D
Acq On : 06 Jan 2023 19:56
Operator : CG/JU
Sample : PB149847BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Quant Time: Jan 07 02:06:16 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

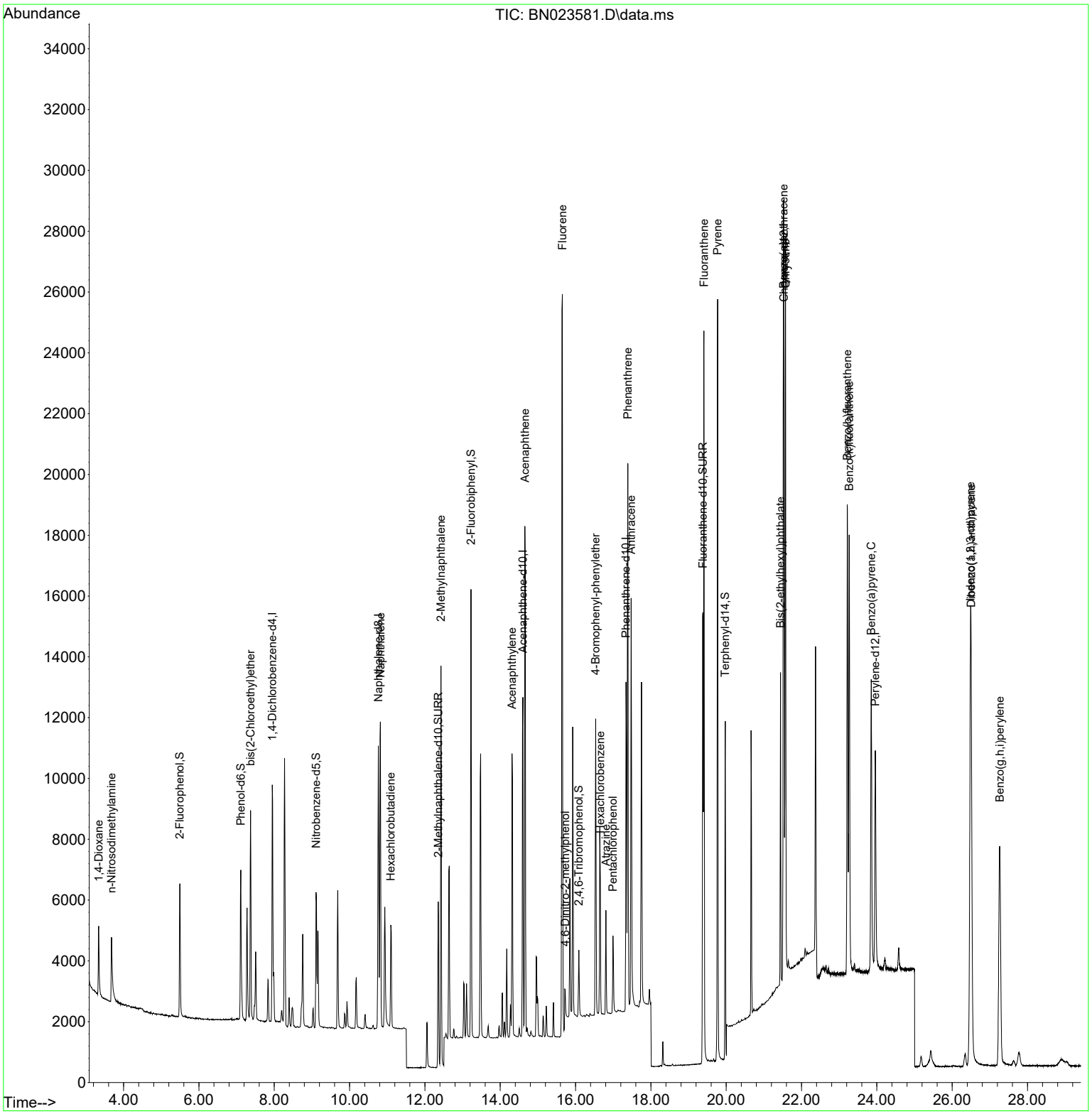
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	3784	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	11561	0.400	ng		0.00
13) Acenaphthene-d10	14.602	164	6567	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	14938	0.400	ng	#	0.00
29) Chrysene-d12	21.531	240	12519	0.400	ng	#	0.00
35) Perylene-d12	23.961	264	10657	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.492	112	3654	0.436	ng		0.00
5) Phenol-d6	7.110	99	4568	0.444	ng		0.00
8) Nitrobenzene-d5	9.110	82	3775	0.417	ng		0.00
11) 2-Methylnaphthalene-d10	12.355	152	7306	0.434	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1165	0.362	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	12095	0.465	ng		0.00
27) Fluoranthene-d10	19.380	212	16178	0.443	ng		0.00
31) Terphenyl-d14	19.974	244	15003	0.514	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	1686	0.462	ng		99
3) n-Nitrosodimethylamine	3.680	42	1835	0.418	ng		91
6) bis(2-Chloroethyl)ether	7.370	93	4918	0.493	ng		99
9) Naphthalene	10.818	128	13767	0.466	ng		99
10) Hexachlorobutadiene	11.096	225	2806	0.471	ng	#	99
12) 2-Methylnaphthalene	12.427	142	9895	0.465	ng		97
16) Acenaphthylene	14.313	152	11121	0.407	ng		100
17) Acenaphthene	14.655	154	8513	0.463	ng		99
18) Fluorene	15.650	166	11896	0.465	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	639	0.479	ng		96
21) 4-Bromophenyl-phenylether	16.533	248	3687	0.421	ng		90
22) Hexachlorobenzene	16.657	284	4594	0.435	ng		97
23) Atrazine	16.806	200	2453	0.362	ng		99
24) Pentachlorophenol	16.992	266	1261	0.408	ng		99
25) Phenanthrene	17.389	178	19001	0.447	ng		100
26) Anthracene	17.476	178	14685	0.416	ng		100
28) Fluoranthene	19.409	202	21484	0.449	ng		99
30) Pyrene	19.772	202	21535	0.461	ng		100
32) Benzo(a)anthracene	21.522	228	18492	0.443	ng		100
33) Chrysene	21.575	228	20713	0.484	ng		99
34) Bis(2-ethylhexyl)phtha...	21.441	149	8527	0.332	ng		99
36) Indeno(1,2,3-cd)pyrene	26.484	276	20796	0.523	ng		100
37) Benzo(b)fluoranthene	23.215	252	19627	0.479	ng		99
38) Benzo(k)fluoranthene	23.265	252	18633	0.463	ng		98
39) Benzo(a)pyrene	23.850	252	14563	0.466	ng		97
40) Dibenzo(a,h)anthracene	26.504	278	16596	0.547	ng		97
41) Benzo(g,h,i)perylene	27.262	276	16711	0.477	ng		100

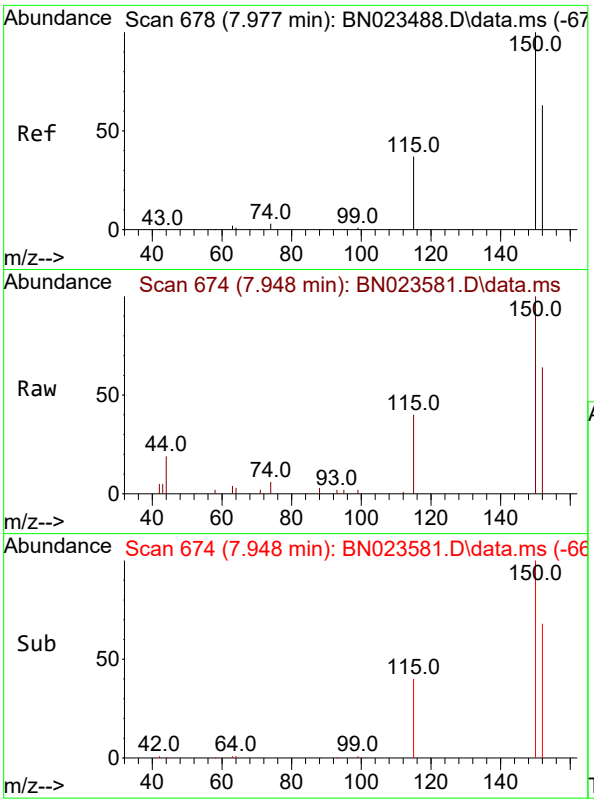
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010723\
Data File : BN023581.D
Acq On : 06 Jan 2023 19:56
Operator : CG/JU
Sample : PB149847BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Quant Time: Jan 07 02:06:16 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



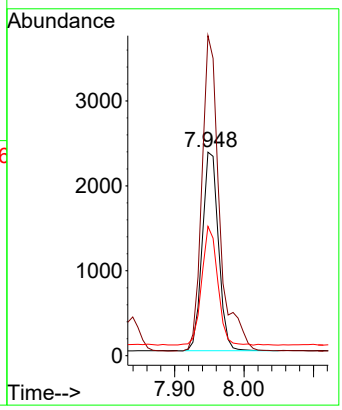


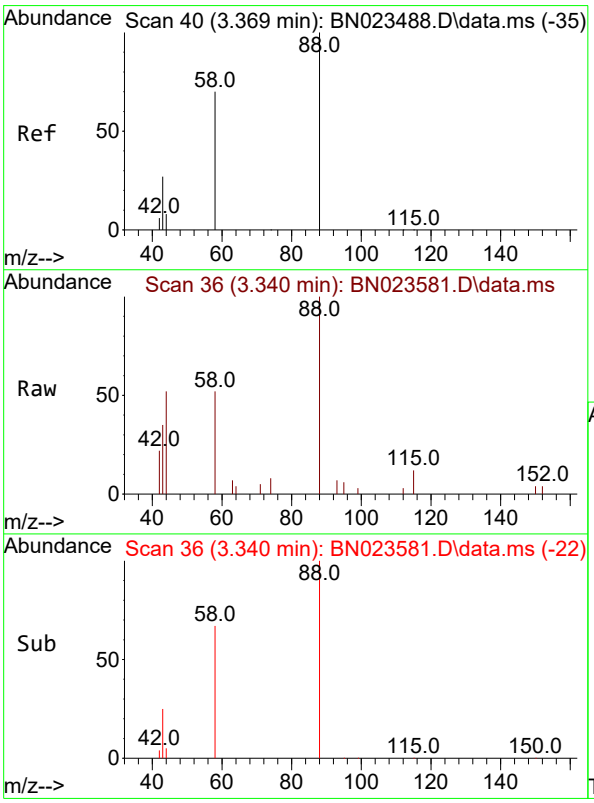
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.948 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:152 Resp: 3784

Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.0	187.6
115	63.5	48.8	73.2

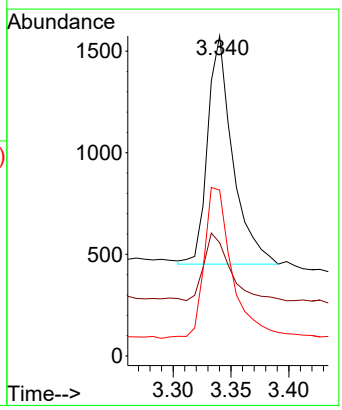


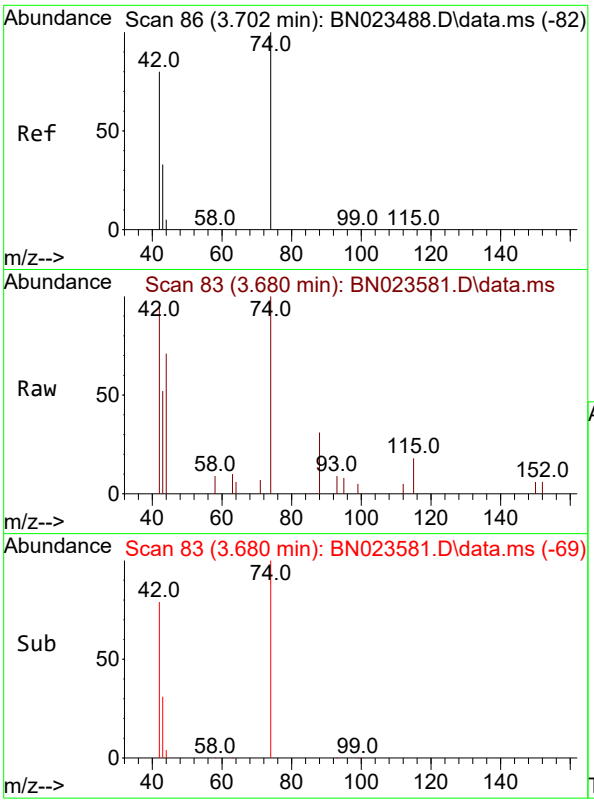


#2
1,4-Dioxane
Concen: 0.462 ng
RT: 3.340 min Scan# 36
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion: 88 Resp: 1686

Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.6	36.8
58	73.8	58.2	87.4



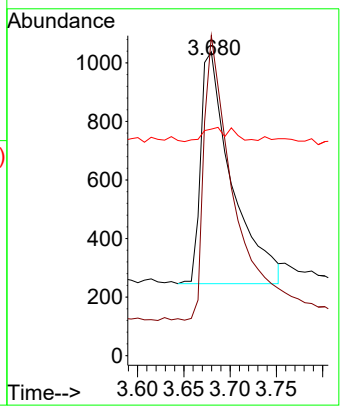


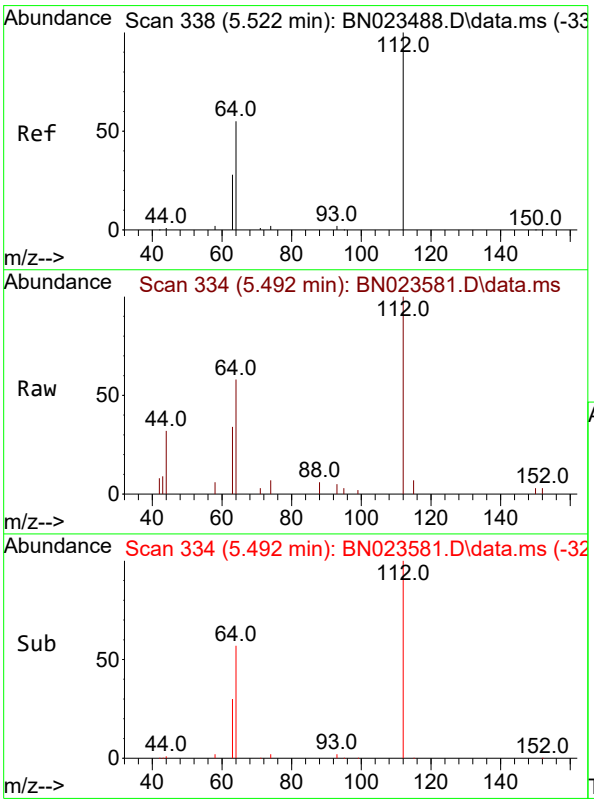
#3
n-Nitrosodimethylamine
Concen: 0.418 ng
RT: 3.680 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion: 42 Resp: 1835

Ion	Ratio	Lower	Upper
42	100		
74	117.1	102.1	153.1
44	5.8	5.6	8.4

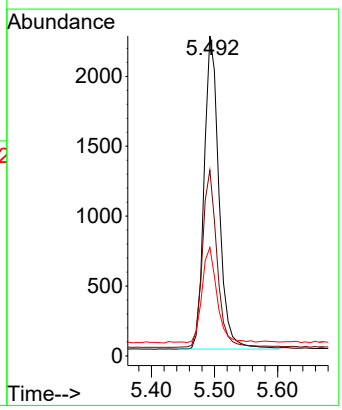


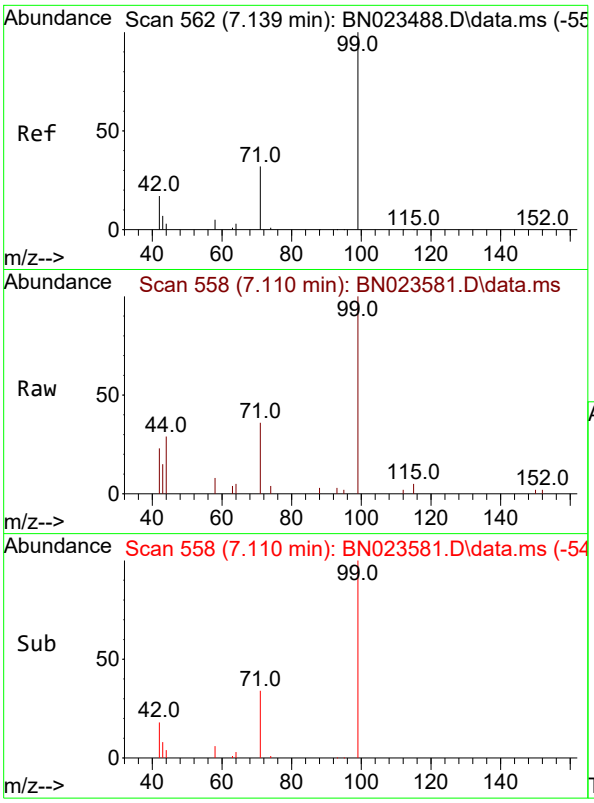


#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.492 min Scan# 334
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:112 Resp: 3654

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.3	66.5
63	30.4	23.8	35.6



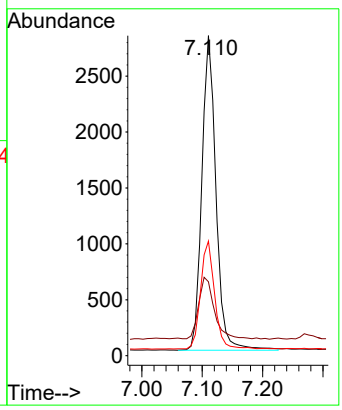


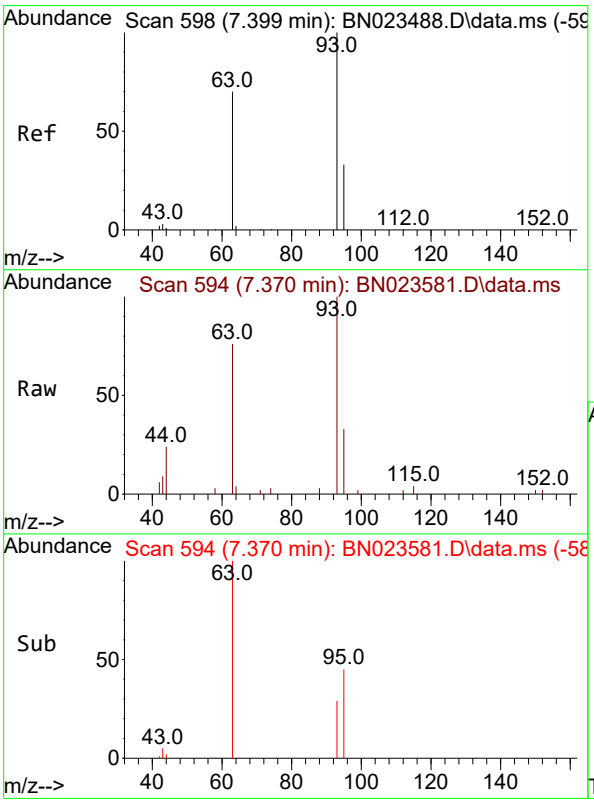
#5
Phenol-d6
Concen: 0.444 ng
RT: 7.110 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion: 99 Resp: 4568

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.8	25.2
71	34.1	27.0	40.4

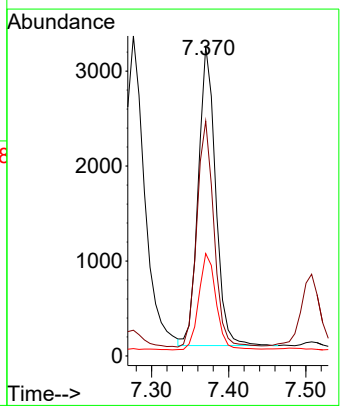


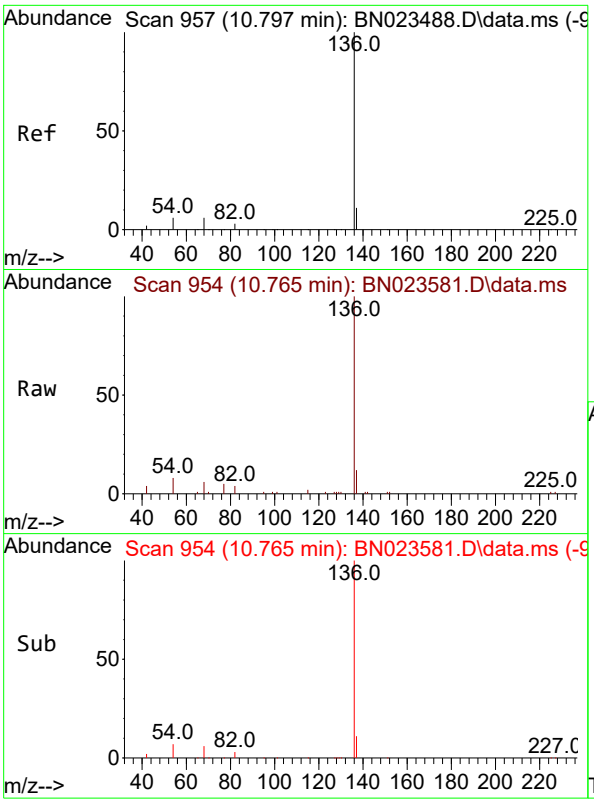


#6
bis(2-Chloroethyl)ether
Concen: 0.493 ng
RT: 7.370 min Scan# 594
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion: 93 Resp: 4918

Ion	Ratio	Lower	Upper
93	100		
63	74.6	58.9	88.3
95	32.2	26.1	39.1



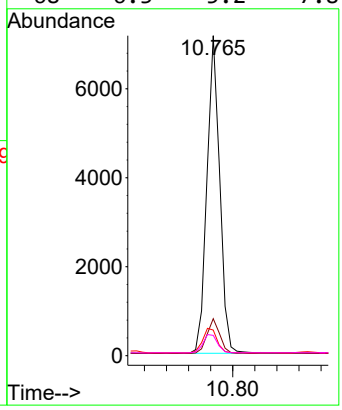


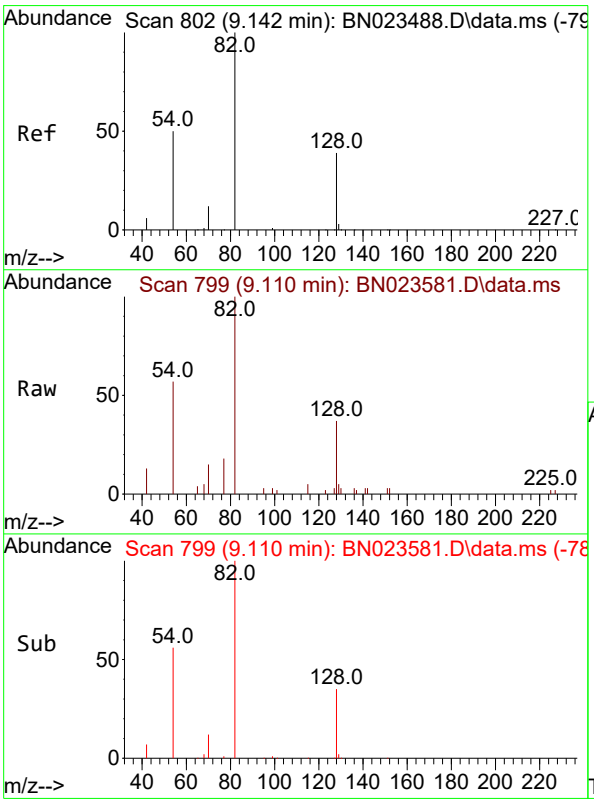
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.765 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:136 Resp: 11561

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.0	5.8	8.8
68	6.3	5.2	7.8

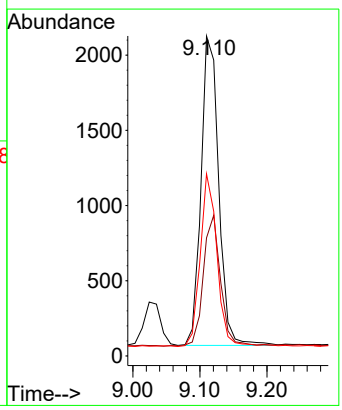


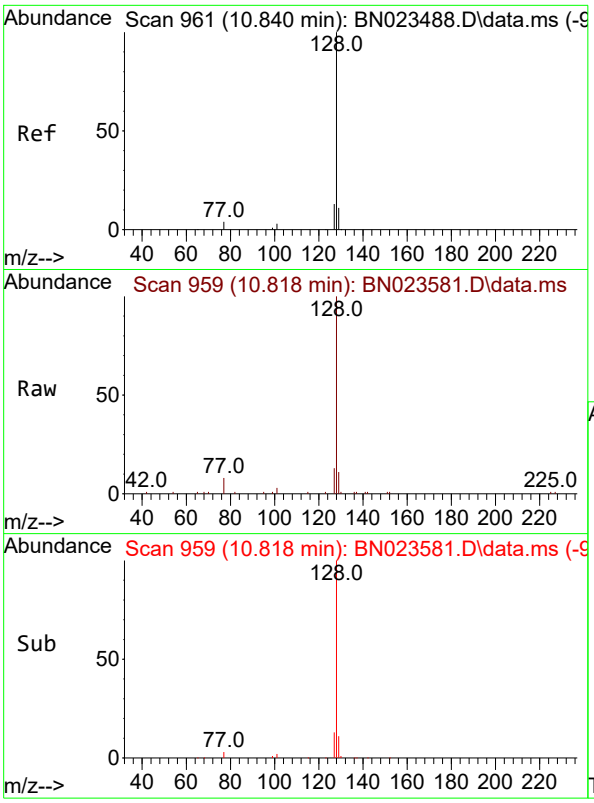


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 9.110 min Scan# 799
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion: 82 Resp: 3775

Ion	Ratio	Lower	Upper
82	100		
128	36.9	32.6	49.0
54	56.9	41.4	62.0



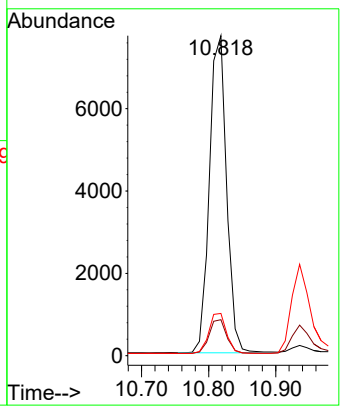


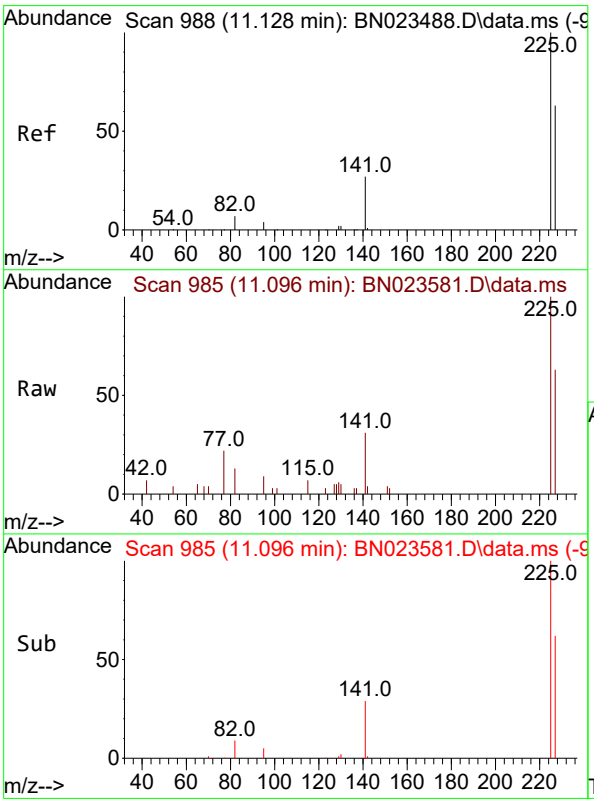
#9
Naphthalene
Concen: 0.466 ng
RT: 10.818 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:128 Resp: 13767

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	11.0	16.4

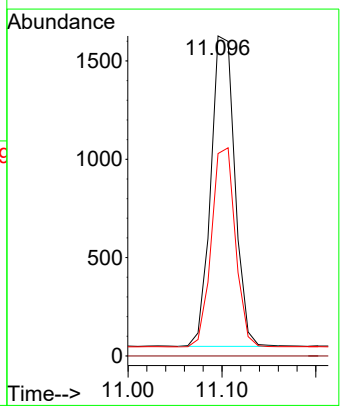


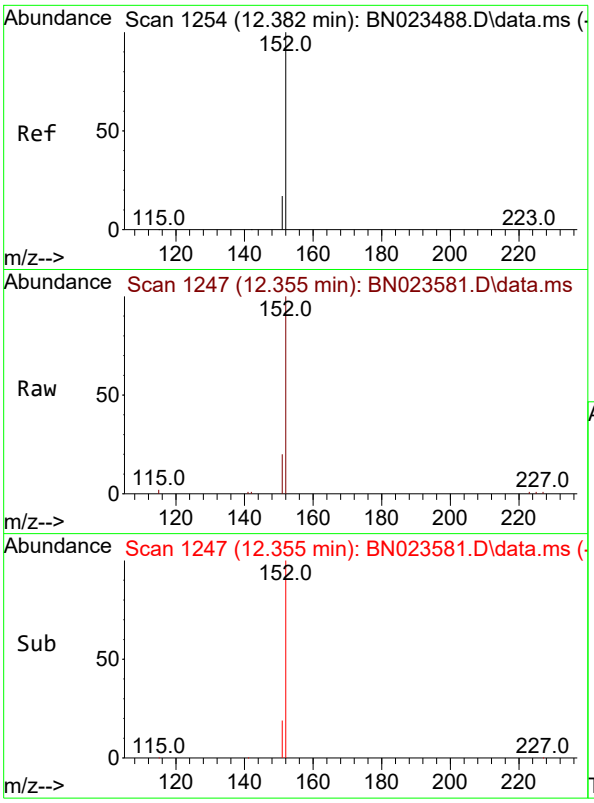


#10
Hexachlorobutadiene
Concen: 0.471 ng
RT: 11.096 min Scan# 985
Delta R.T. -0.011 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:225 Resp: 2806

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.8	77.8



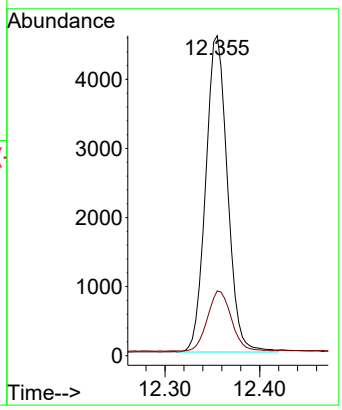


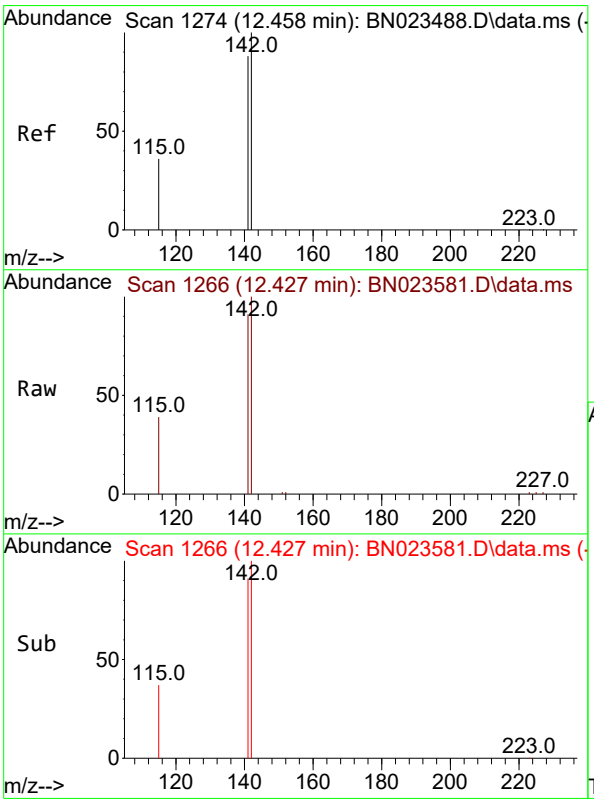
#11
2-Methylnaphthalene-d10
Concen: 0.434 ng
RT: 12.355 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:152 Resp: 7306

Ion	Ratio	Lower	Upper
152	100		
151	20.8	14.8	22.2

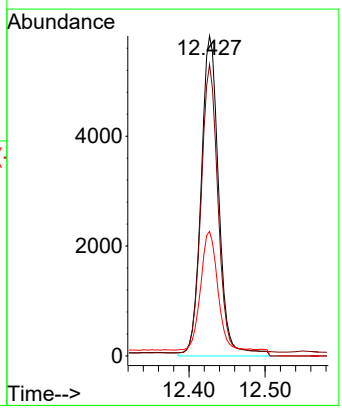


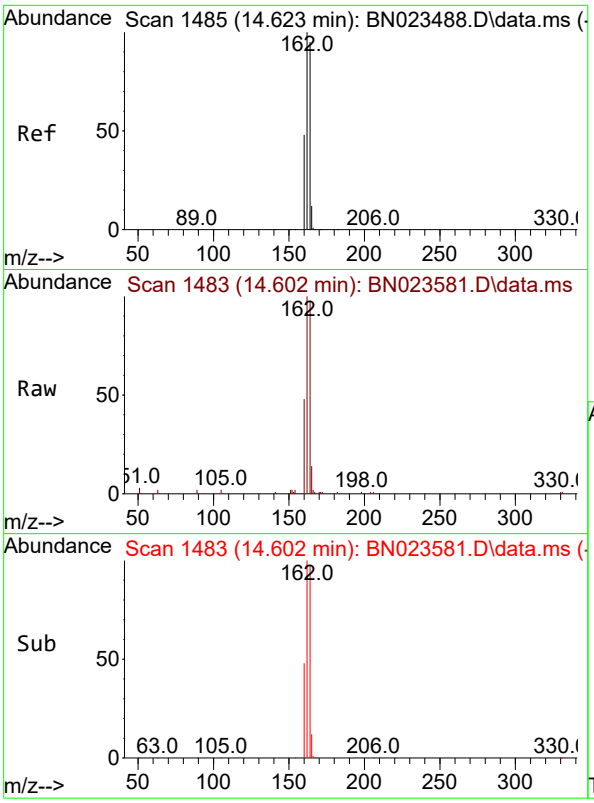


#12
2-Methylnaphthalene
Concen: 0.465 ng
RT: 12.427 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:142 Resp: 9895

Ion	Ratio	Lower	Upper
142	100		
141	91.1	70.5	105.7
115	38.9	29.5	44.3



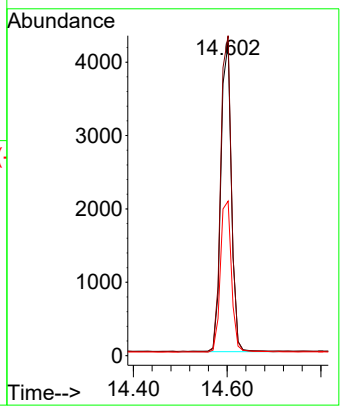


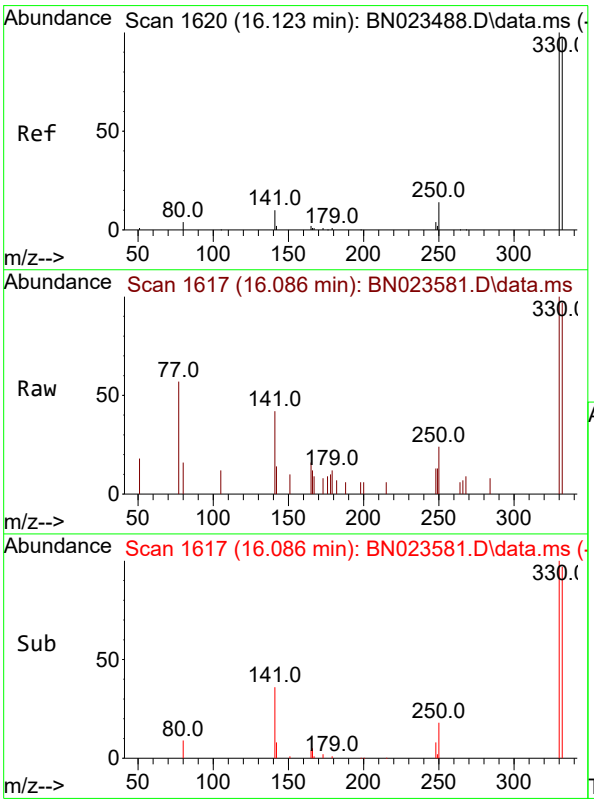
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.602 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:164 Resp: 6567

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.9	125.9
160	49.5	40.9	61.3

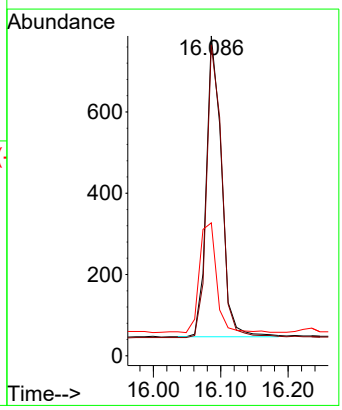


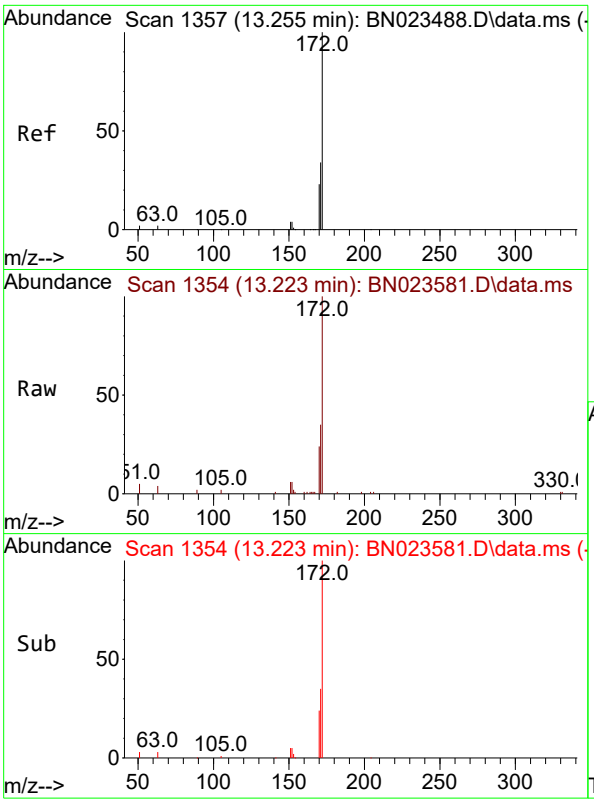


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 16.086 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:330 Resp: 1165

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.7	115.1
141	40.5	29.8	44.6



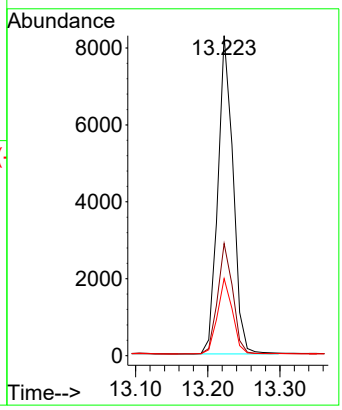


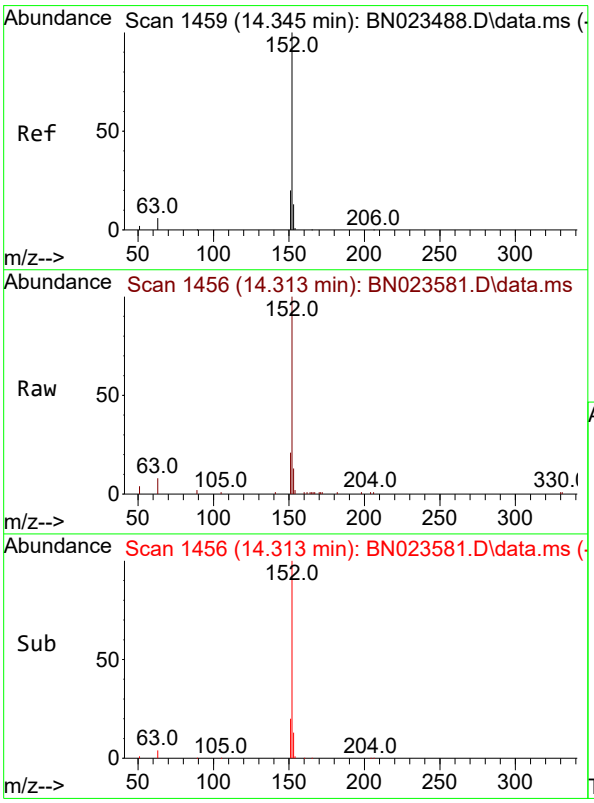
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.223 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:172 Resp: 12095

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.6	41.4
170	24.1	18.7	28.1

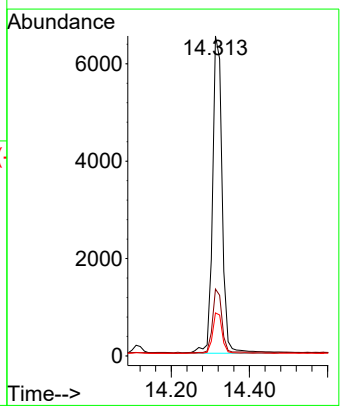


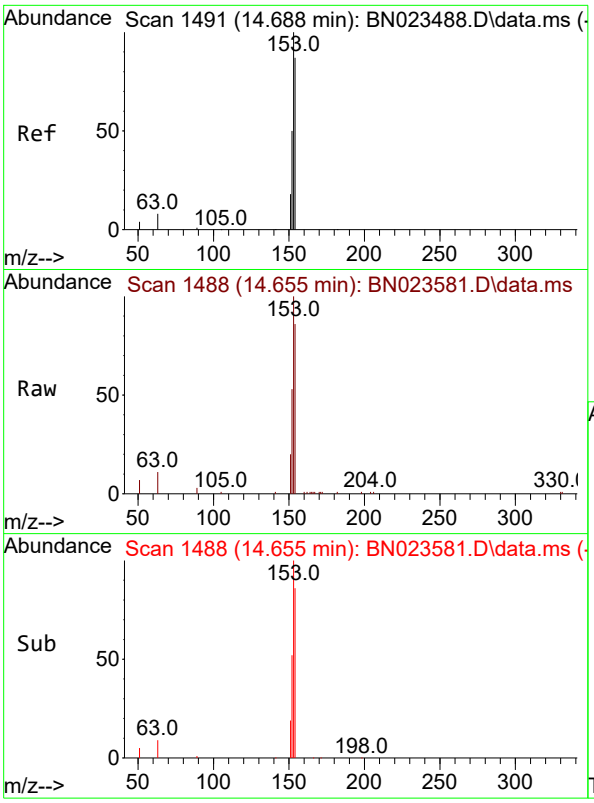


#16
Acenaphthylene
Concen: 0.407 ng
RT: 14.313 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:152 Resp: 11121

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2
153	12.6	10.3	15.5



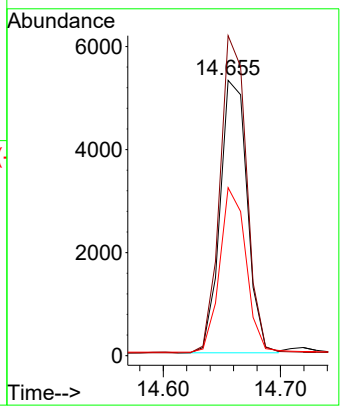


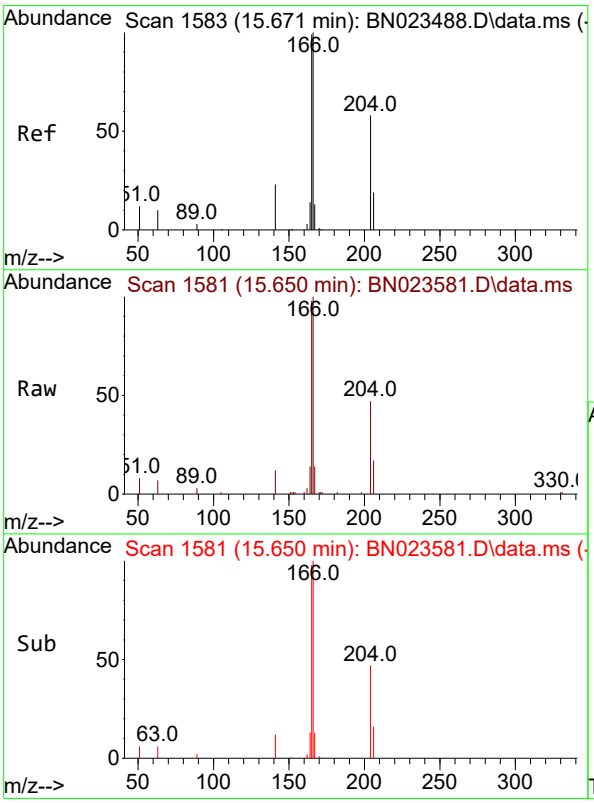
#17
Acenaphthene
Concen: 0.463 ng
RT: 14.655 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:154 Resp: 8513

Ion	Ratio	Lower	Upper
154	100		
153	114.5	90.8	136.2
152	58.8	46.3	69.5

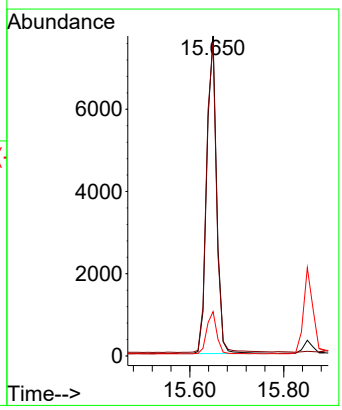


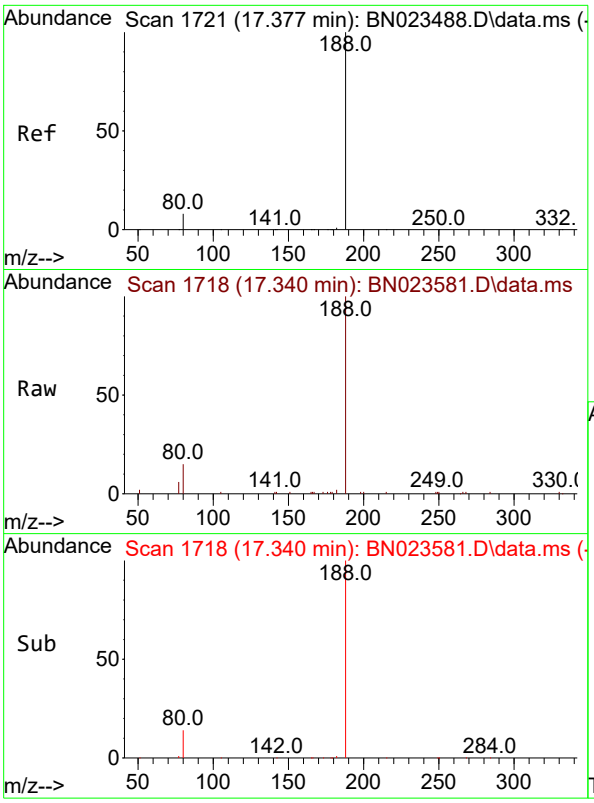


#18
Fluorene
Concen: 0.465 ng
RT: 15.650 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:166 Resp: 11896

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	12.8	10.6	16.0



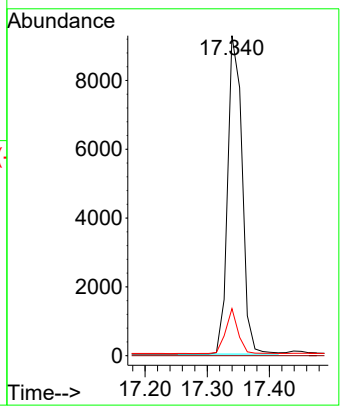


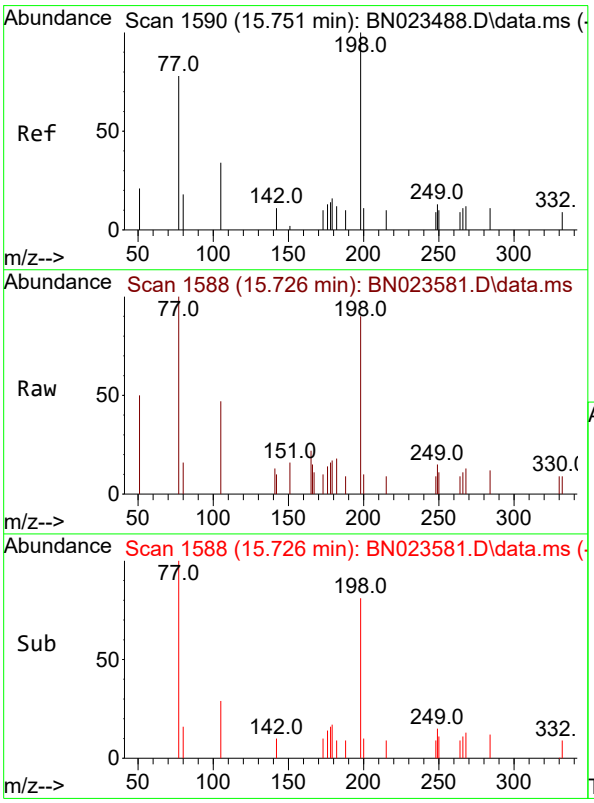
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.340 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:188 Resp: 14938

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.7	6.7	10.1#

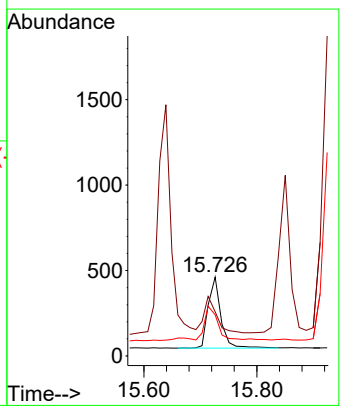


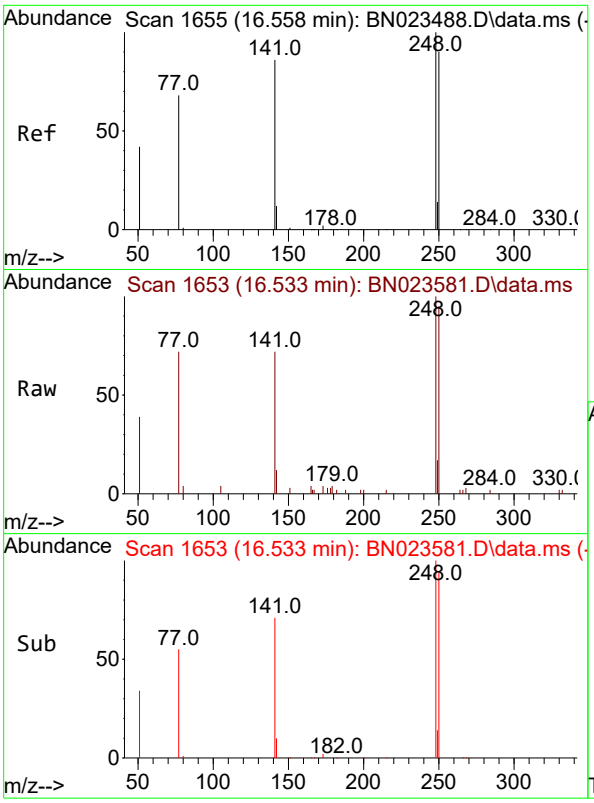


#20
4,6-Dinitro-2-methylphenol
Concen: 0.479 ng
RT: 15.726 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:198 Resp: 639

Ion	Ratio	Lower	Upper
198	100		
51	56.1	48.2	72.4
105	52.2	41.0	61.4



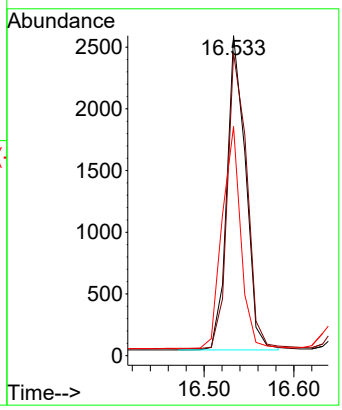


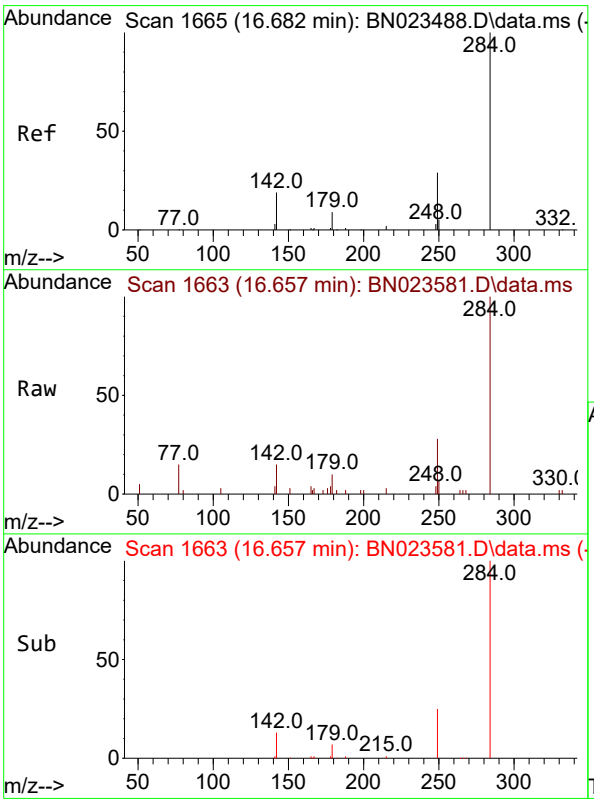
#21
4-Bromophenyl-phenylether
Concen: 0.421 ng
RT: 16.533 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:248 Resp: 3687

Ion	Ratio	Lower	Upper
248	100		
250	94.6	72.6	108.8
141	71.6	69.4	104.0

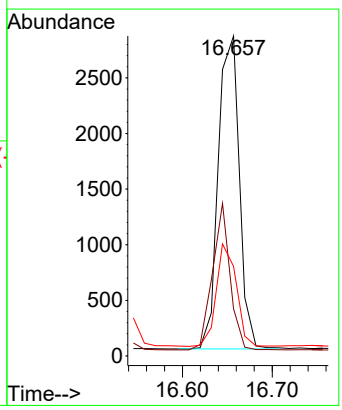


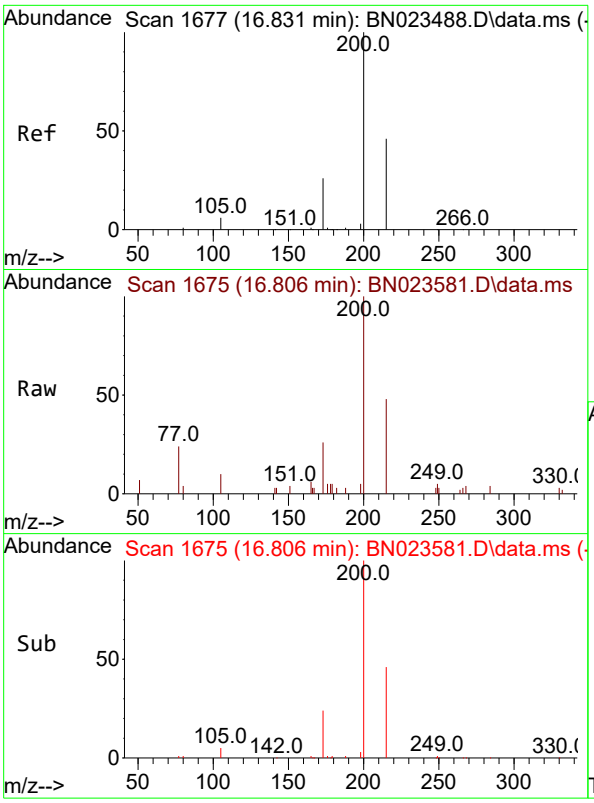


#22
Hexachlorobenzene
Concen: 0.435 ng
RT: 16.657 min Scan# 1663
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:284 Resp: 4594

Ion	Ratio	Lower	Upper
284	100		
142	38.8	29.0	43.6
249	31.1	24.5	36.7



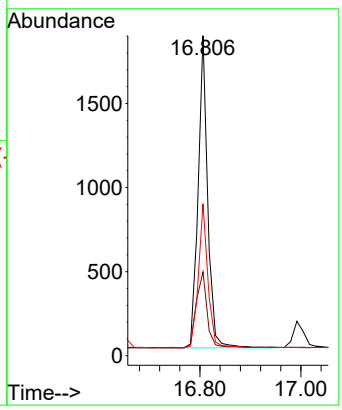


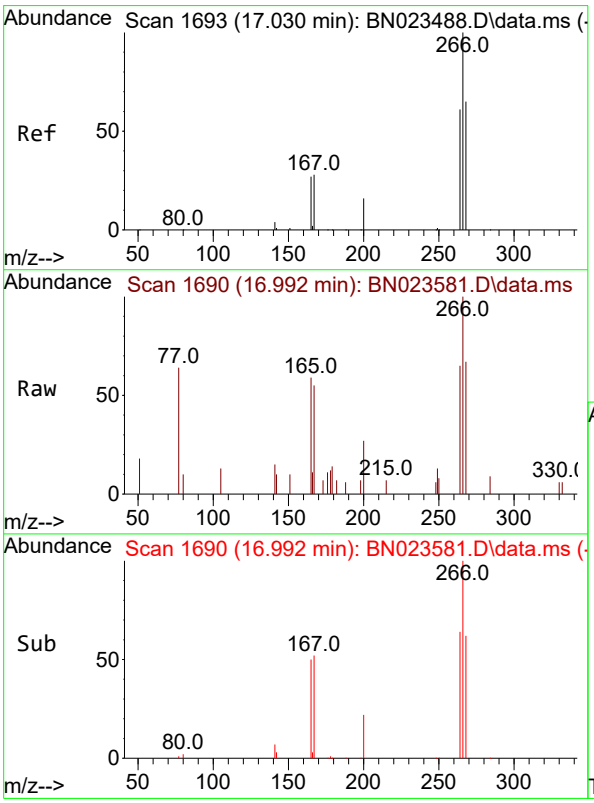
#23
Atrazine
Concen: 0.362 ng
RT: 16.806 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:200 Resp: 2453

Ion	Ratio	Lower	Upper
200	100		
173	26.2	22.1	33.1
215	47.5	38.2	57.2

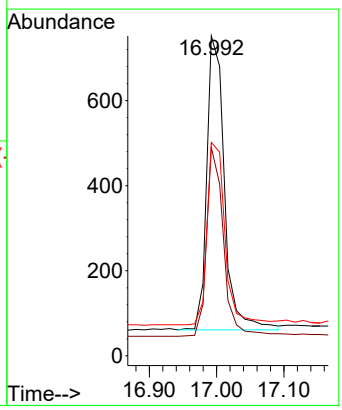


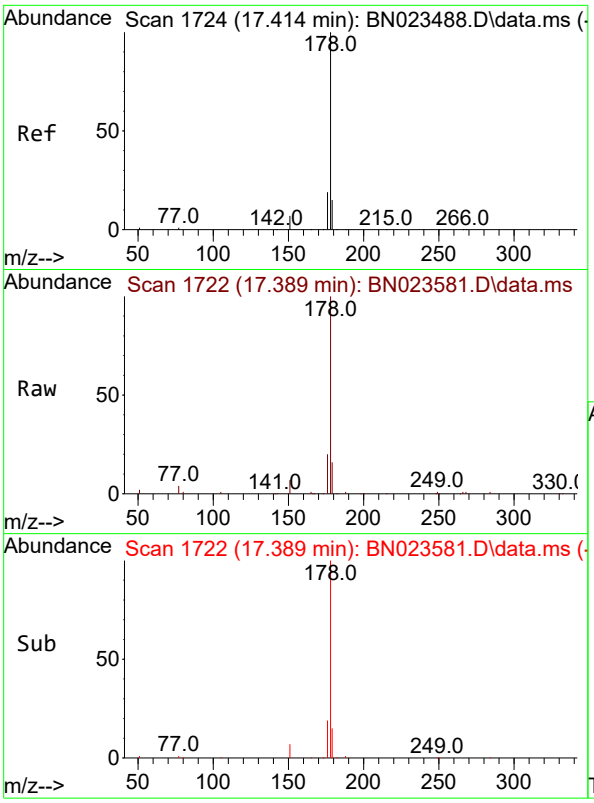


#24
Pentachlorophenol
Concen: 0.408 ng
RT: 16.992 min Scan# 1690
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:266 Resp: 1261

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.7	74.5
268	63.0	51.4	77.0



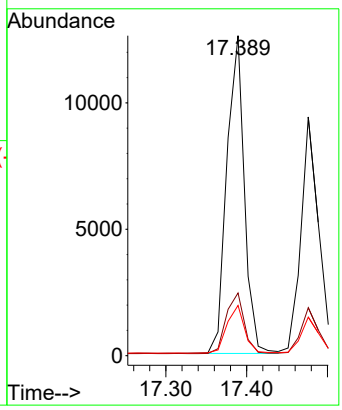


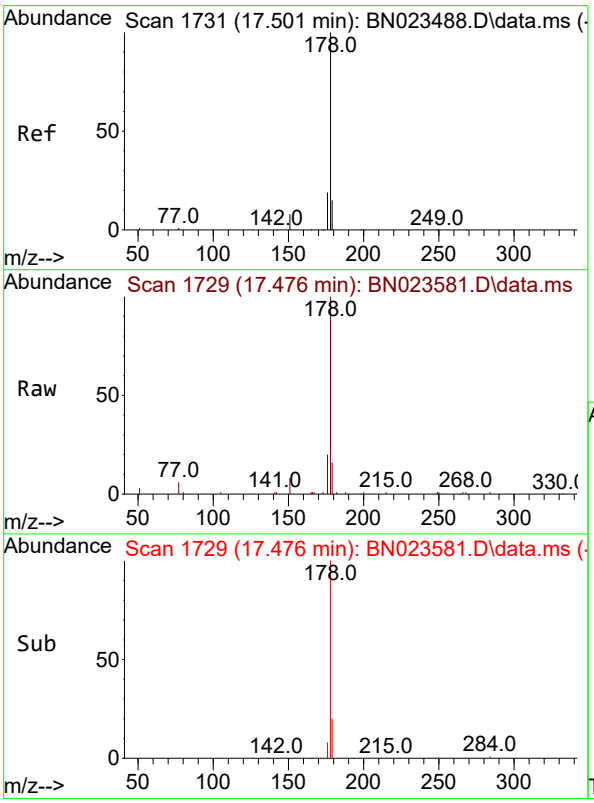
#25
Phenanthrene
Concen: 0.447 ng
RT: 17.389 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:178 Resp: 19001

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.2	12.2	18.4

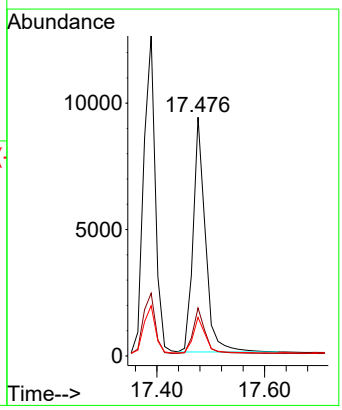


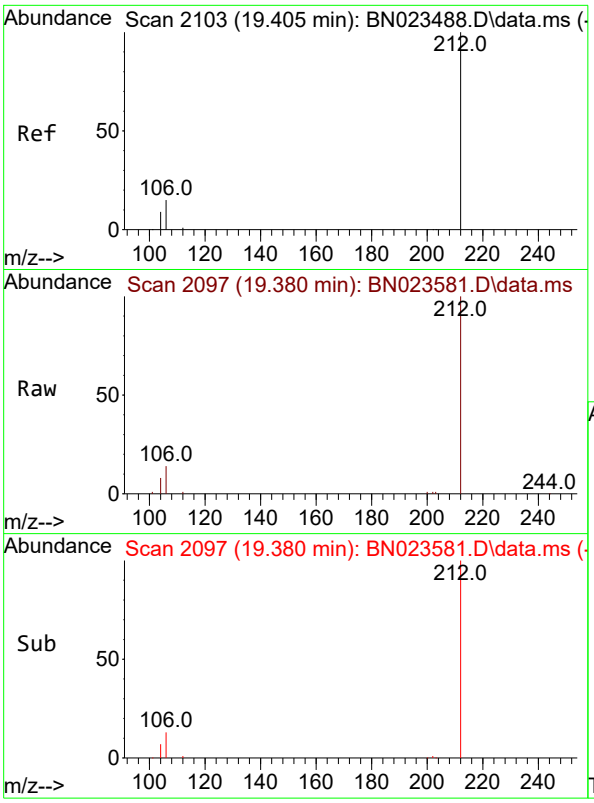


#26
Anthracene
Concen: 0.416 ng
RT: 17.476 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:178 Resp: 14685

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.2	12.3	18.5



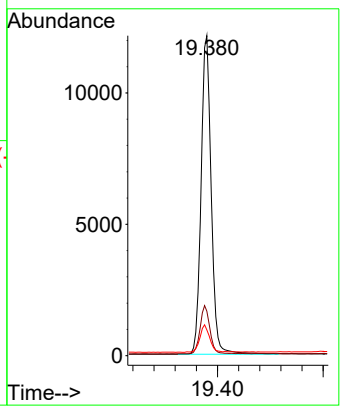


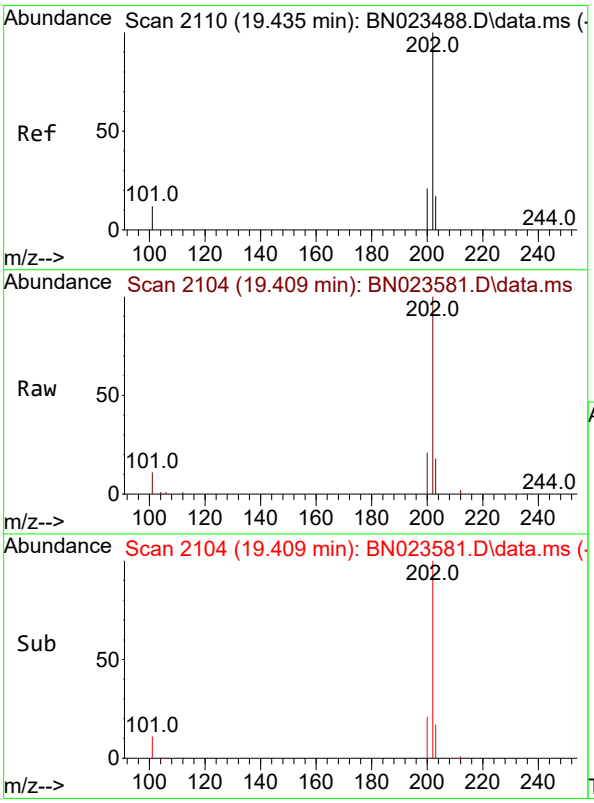
#27
Fluoranthene-d10
Concen: 0.443 ng
RT: 19.380 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:212 Resp: 16178

Ion	Ratio	Lower	Upper
212	100		
106	14.6	12.3	18.5
104	8.6	6.8	10.2

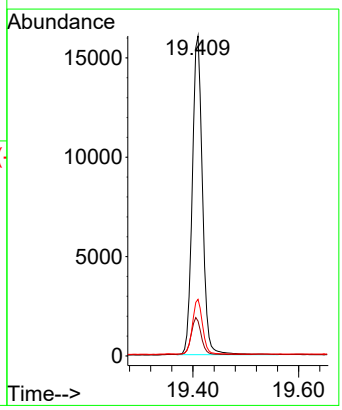


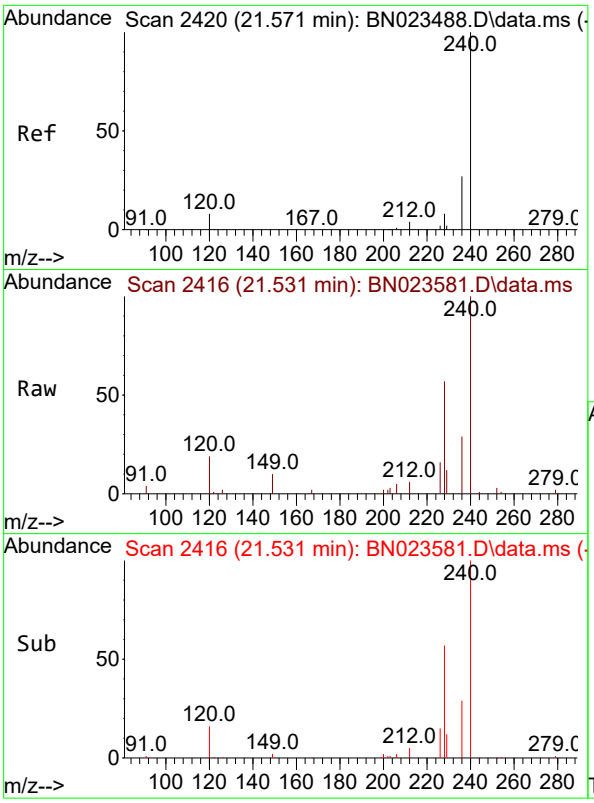


#28
Fluoranthene
Concen: 0.449 ng
RT: 19.409 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:202 Resp: 21484

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



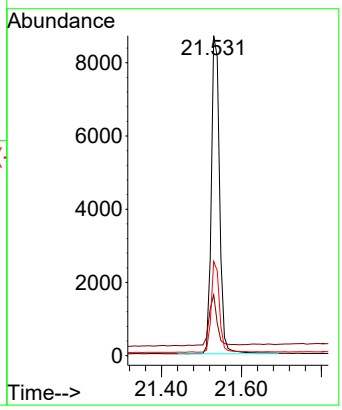


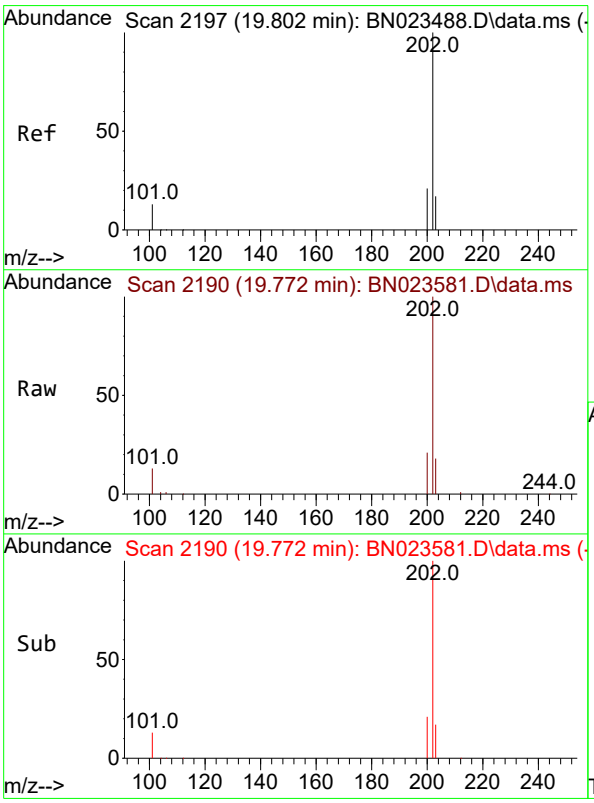
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.531 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:240 Resp: 12519

Ion	Ratio	Lower	Upper
240	100		
120	19.0	8.9	13.3#
236	29.5	22.5	33.7

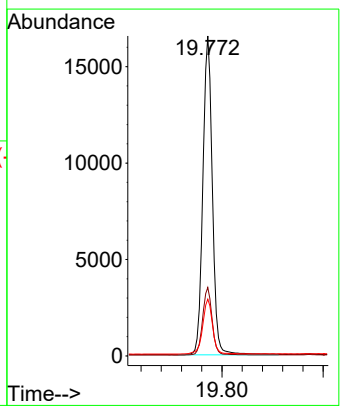


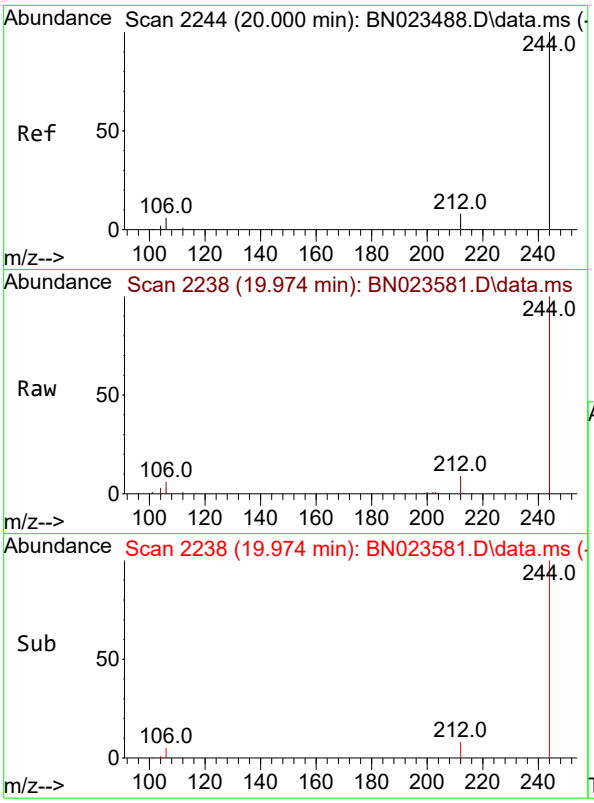


#30
Pyrene
Concen: 0.461 ng
RT: 19.772 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:202 Resp: 21535

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



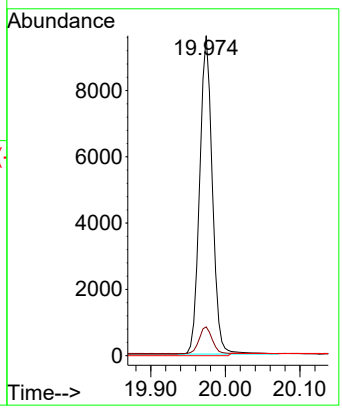


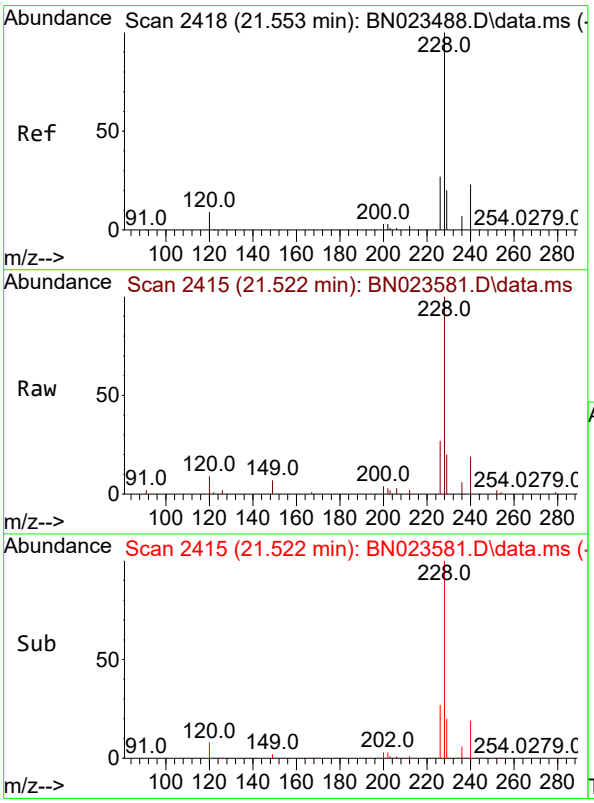
#31
Terphenyl-d14
Concen: 0.514 ng
RT: 19.974 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:244 Resp: 15003

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.4	11.0
122	0.0	0.0	0.0

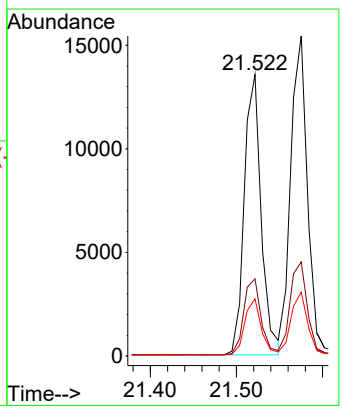


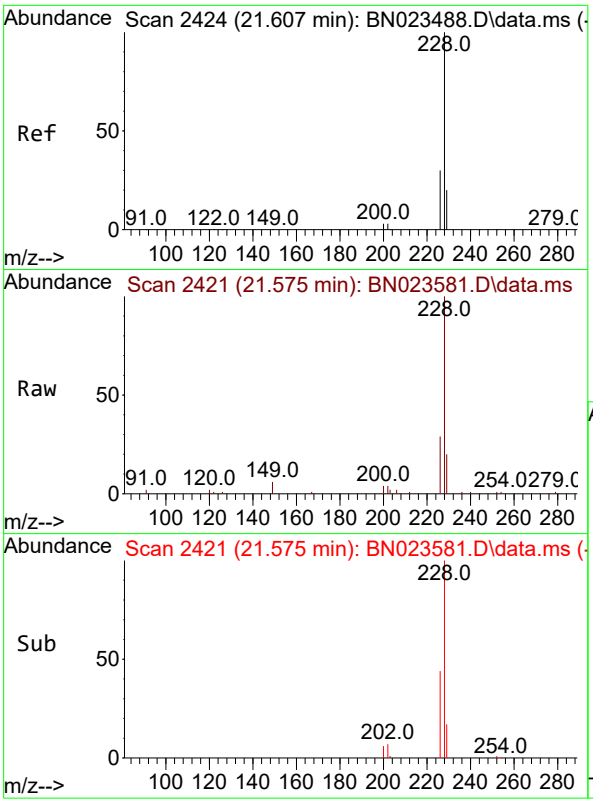


#32
Benzo(a)anthracene
Concen: 0.443 ng
RT: 21.522 min Scan# 2415
Delta R.T. 0.004 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:228 Resp: 18492

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.3	16.0	24.0



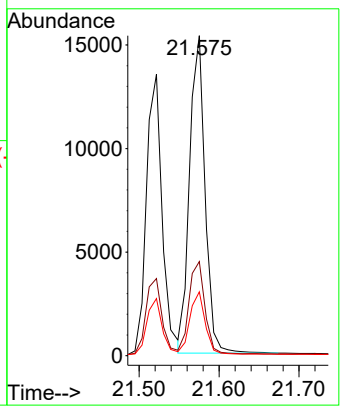


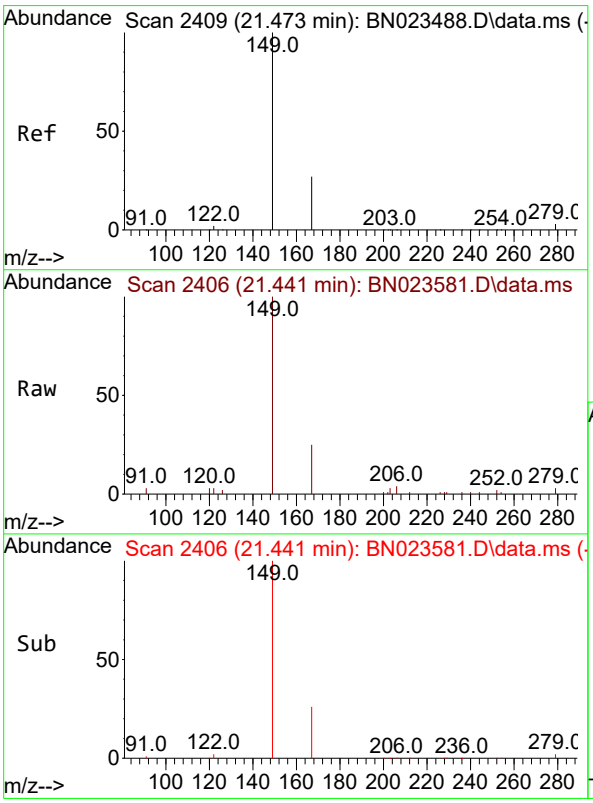
#33
Chrysene
Concen: 0.484 ng
RT: 21.575 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:228 Resp: 20713

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	19.9	16.0	24.0

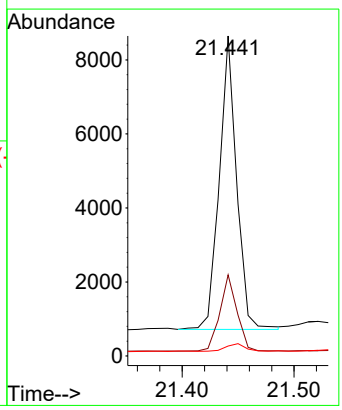


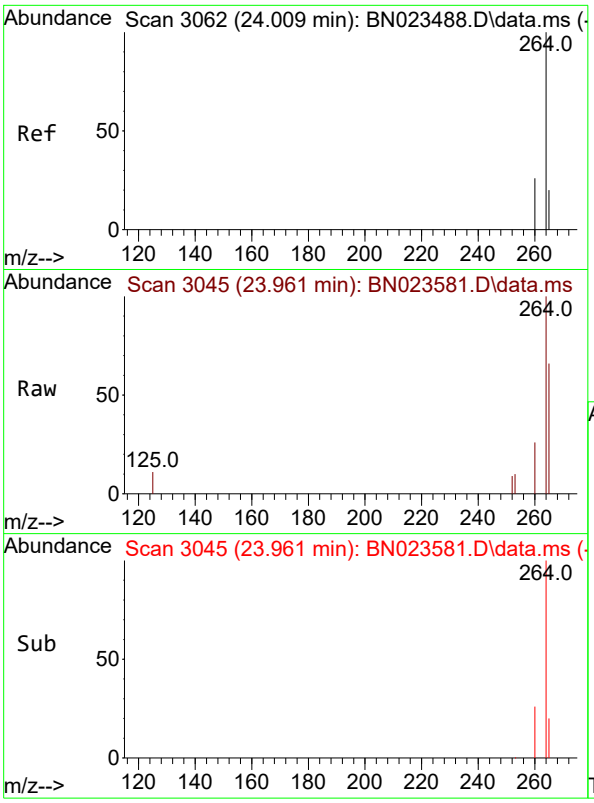


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.441 min Scan# 2406
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:149 Resp: 8527

Ion	Ratio	Lower	Upper
149	100		
167	25.8	21.0	31.6
279	3.1	2.2	3.4



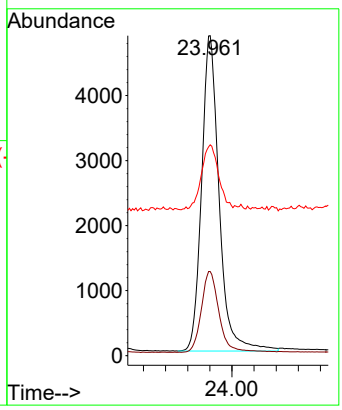


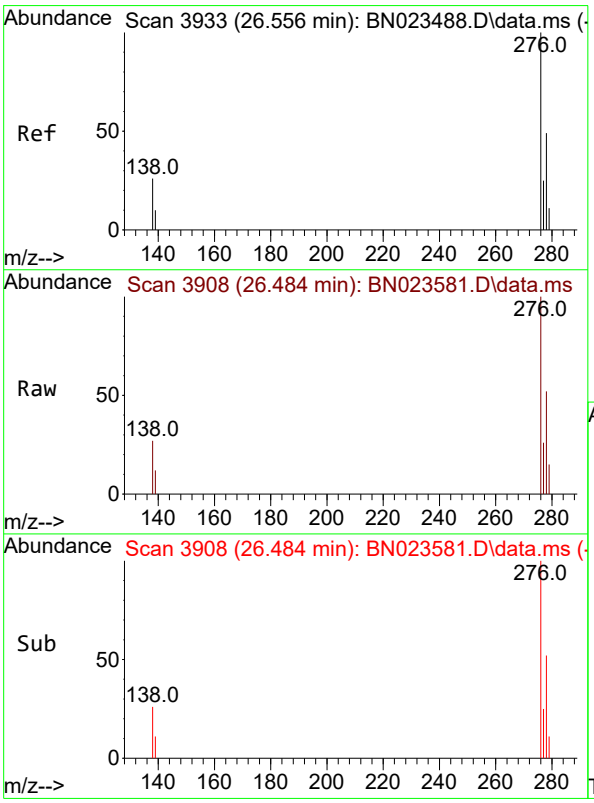
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.961 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:264 Resp: 10657

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.1	31.7
265	65.9	48.9	73.3

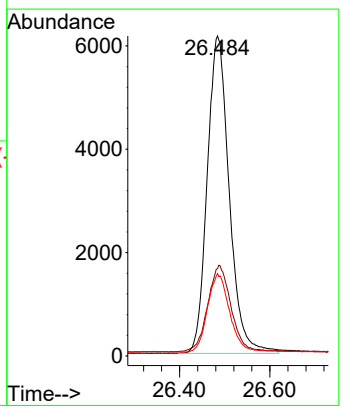


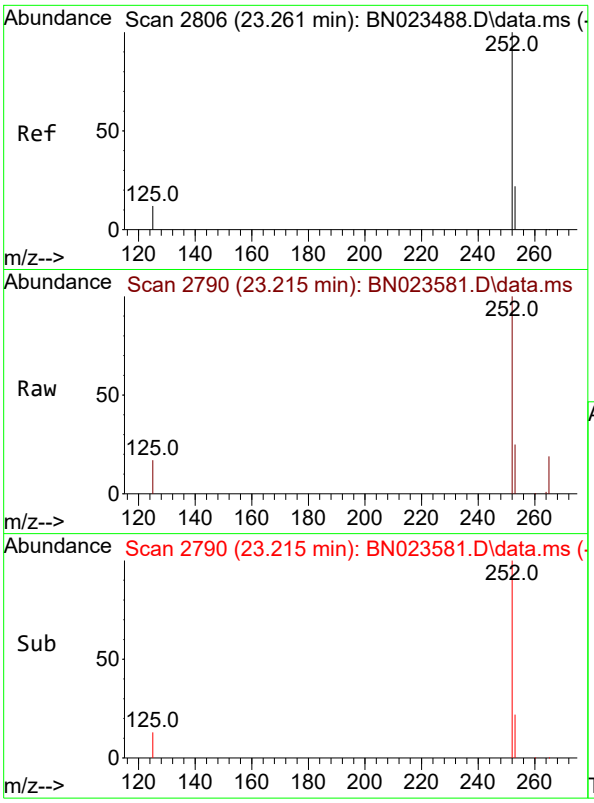


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.523 ng
RT: 26.484 min Scan# 3908
Delta R.T. -0.002 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:276 Resp: 20796

Ion	Ratio	Lower	Upper
276	100		
138	28.8	23.0	34.6
277	24.8	19.5	29.3



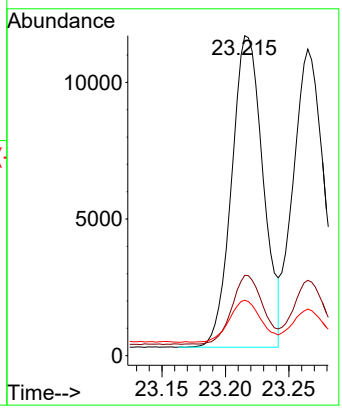


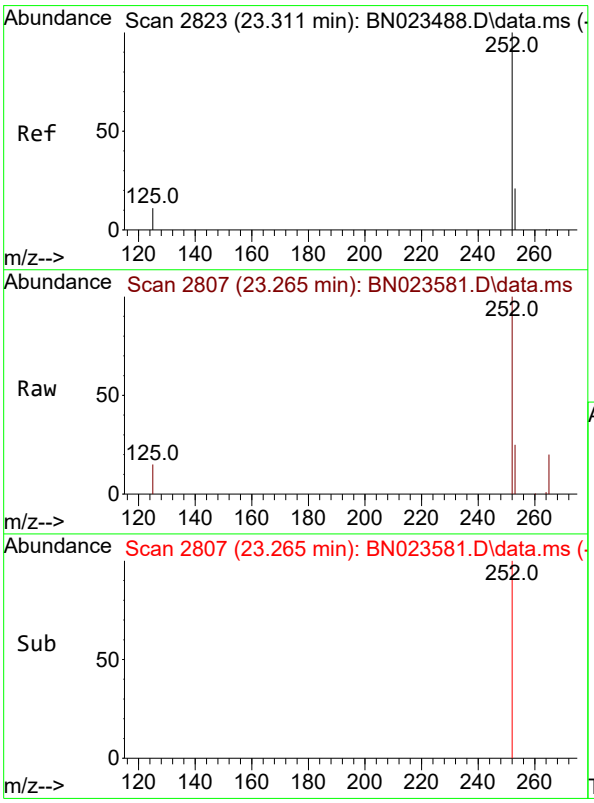
#37
Benzo(b)fluoranthene
Concen: 0.479 ng
RT: 23.215 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:252 Resp: 19627

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.7	31.1
125	17.3	13.4	20.2

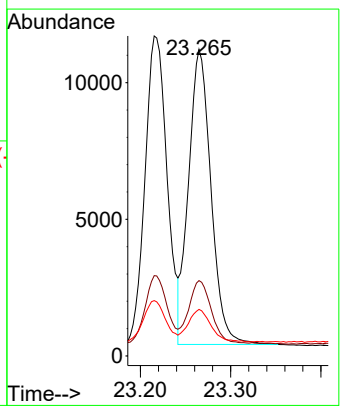


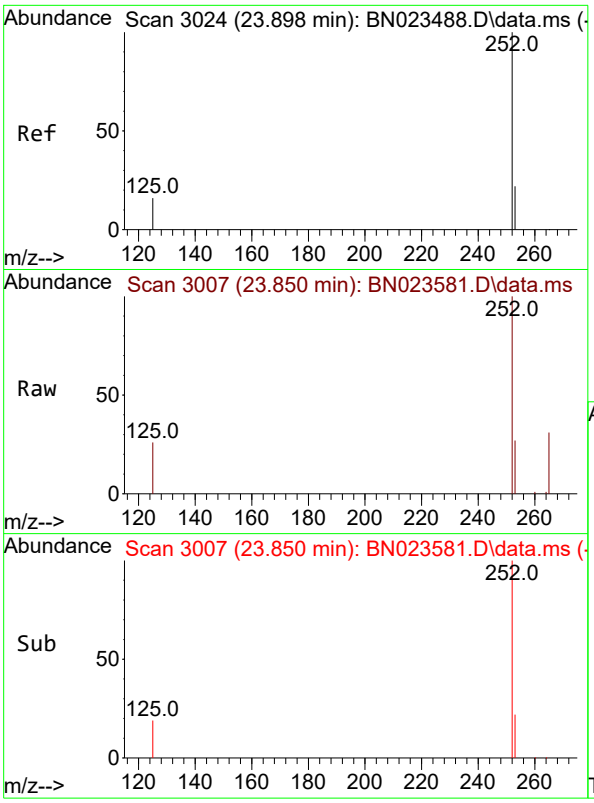


#38
Benzo(k)fluoranthene
Concen: 0.463 ng
RT: 23.265 min Scan# 2807
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:252 Resp: 18633

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.2	30.4
125	15.2	13.0	19.6



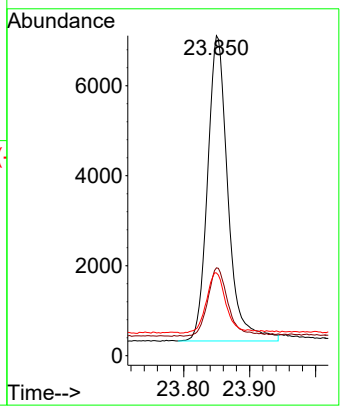


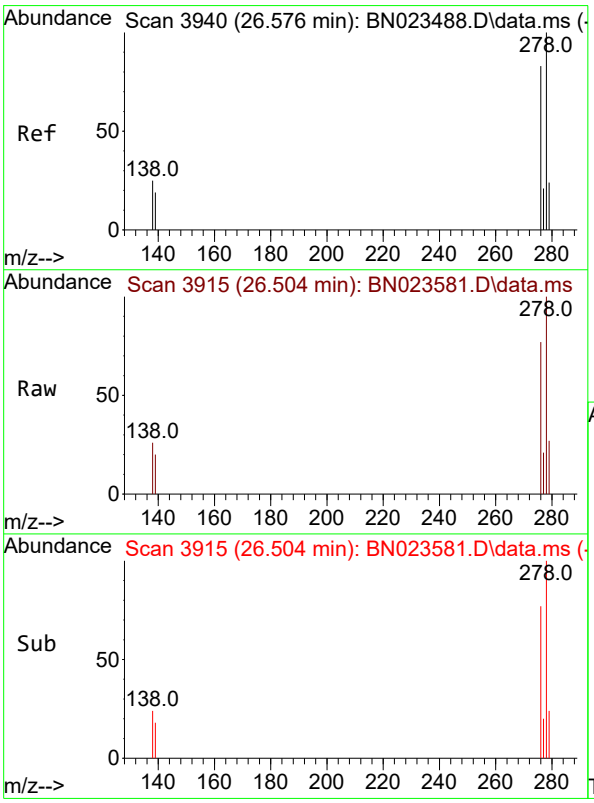
#39
Benzo(a)pyrene
Concen: 0.466 ng
RT: 23.850 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:252 Resp: 14563

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.3	33.5
125	25.8	18.7	28.1

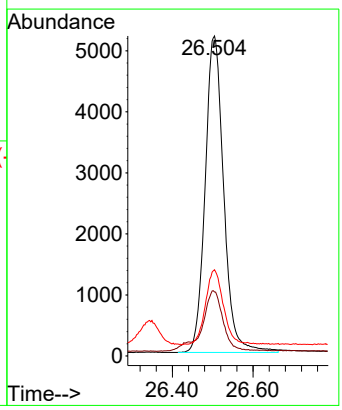


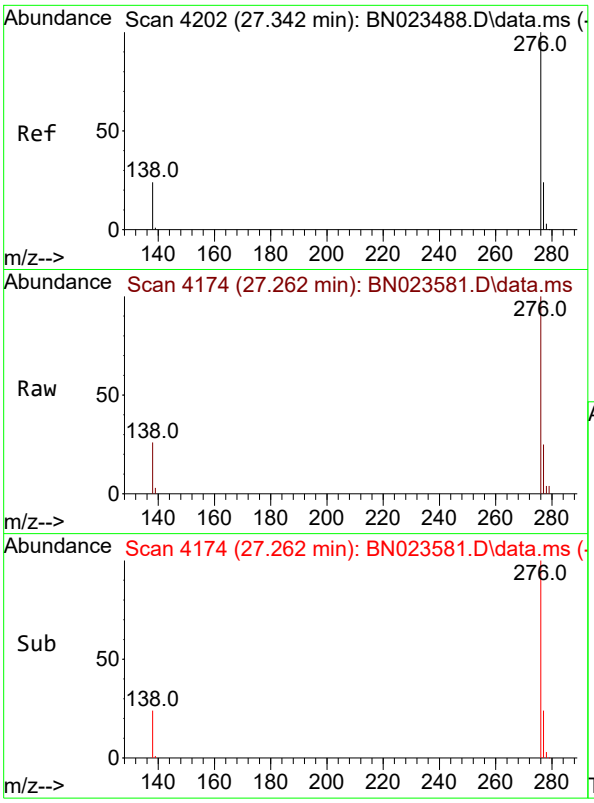


#40
Dibenzo(a,h)anthracene
Concen: 0.547 ng
RT: 26.504 min Scan# 3915
Delta R.T. -0.002 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Tgt Ion:278 Resp: 16596

Ion	Ratio	Lower	Upper
278	100		
139	20.0	17.7	26.5
279	26.9	22.2	33.2





#41
Benzo(g,h,i)perylene
Concen: 0.477 ng
RT: 27.262 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN023581.D
Acq: 06 Jan 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB149847BS

Tgt Ion:276 Resp: 16711

Ion	Ratio	Lower	Upper
276	100		
277	25.3	20.0	30.0
138	25.7	20.6	31.0