Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024313.D
Acq On : 16 Mar 2023 16:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 17 04:42:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.047	152	7707	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	21600	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	9709	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	19044	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	13110	0.400	ng		# 0.00
35) Perylene-d12	24.120	264	9751	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	7602	0.445	ng		0.00
5) Phenol-d6	7.188	99	9773	0.446	ng		0.00
8) Nitrobenzene-d5	9.200	82	6117	0.424	ng		0.00
11) 2-Methylnaphthalene-d10	12.440	152	9201	0.347	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1681	0.339	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	14876	0.406	ng		0.00
27) Fluoranthene-d10	19.446	212	14229	0.352	ng		0.00
31) Terphenyl-d14	20.042	244	8414	0.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	3511	0.419	ng		91
3) n-Nitrosodimethylamine	3.764	42	5864	0.477	ng	#	89
6) bis(2-Chloroethyl)ether	7.455	93	8906	0.409	ng		94
9) Naphthalene	10.909	128	21295	0.388	ng		99
10) Hexachlorobutadiene	11.197	225	4045	0.388	ng	#	99
12) 2-Methylnaphthalene	12.512	142	13083	0.353	ng		99
16) Acenaphthylene	14.397	152	16921	0.368	ng		100
17) Acenaphthene	14.739	154	11066	0.377	ng		95
18) Fluorene	15.712	166	12628	0.360	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	702	0.376	ng		90
21) 4-Bromophenyl-phenylether	16.606	248	3898	0.344	ng	#	79
22) Hexachlorobenzene	16.730	284	5321	0.383	ng		96
23) Atrazine	16.867	200	2725	0.379	ng	#	90
24) Pentachlorophenol	17.065	266	1705	0.330	ng		99
25) Phenanthrene	17.462	178	21390	0.379	ng		100
26) Anthracene	17.549	178	18225	0.350	ng		100
28) Fluoranthene	19.475	202	22105	0.358	ng		98
30) Pyrene	19.838	202	22131	0.417	ng		100
32) Benzo(a)anthracene	21.592	228	16100	0.368	ng		99
33) Chrysene	21.645	228	18845	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.511	149	8413	0.408	ng		97
36) Indeno(1,2,3-cd)pyrene	26.746	276	13289	0.364	ng		96
37) Benzo(b)fluoranthene	23.351	252	14874	0.392	ng	#	94
38) Benzo(k)fluoranthene	23.401	252	14787	0.378	ng	#	93
39) Benzo(a)pyrene	24.006	252	12840	0.369	ng	#	91
40) Dibenzo(a,h)anthracene	26.769	278	9788	0.346	ng		92
41) Benzo(g,h,i)perylene	27.561	276	12857	0.389	ng		96

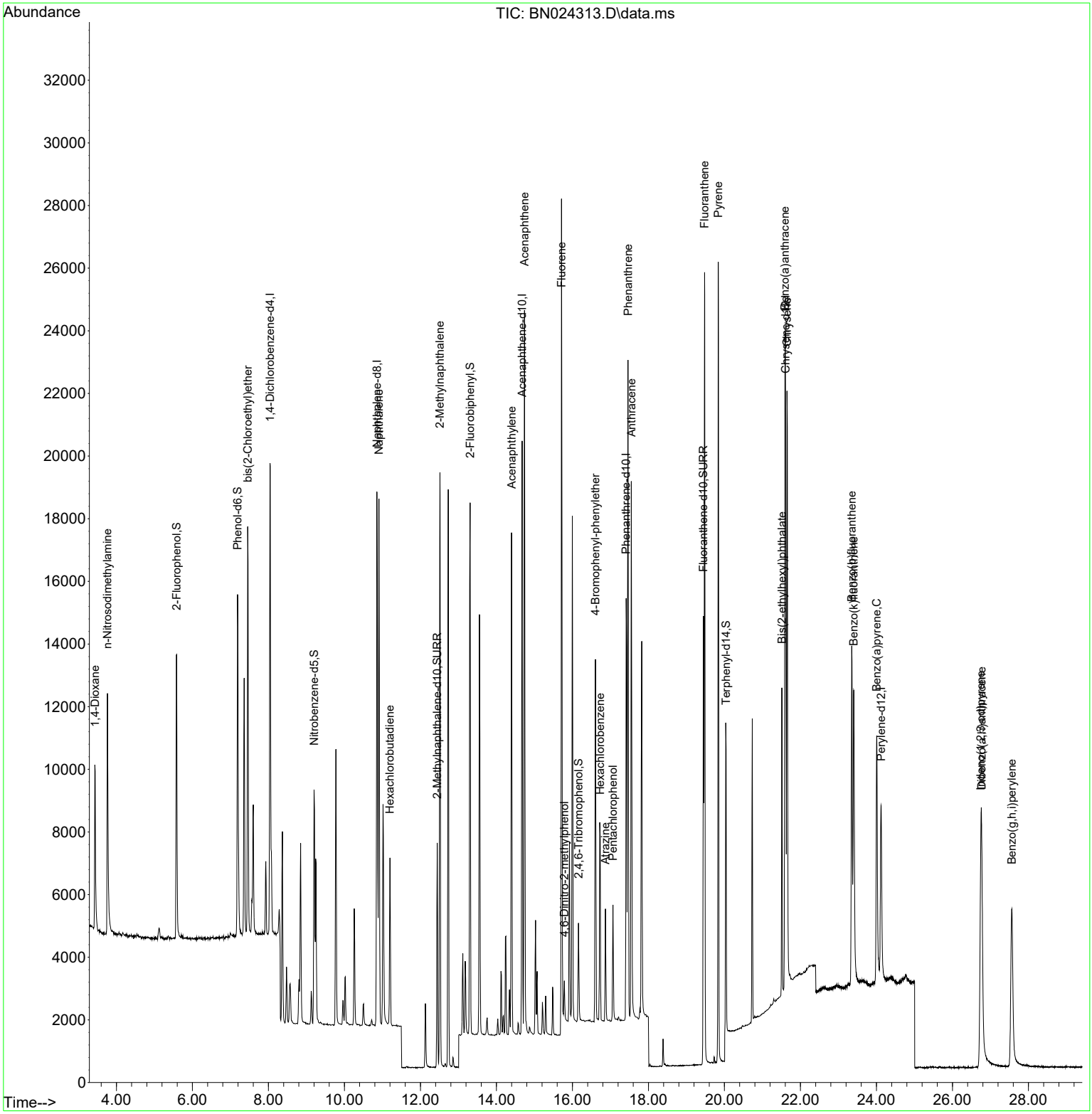
(#) = qualifier out of range (m) = manual integration (+) = signals summed

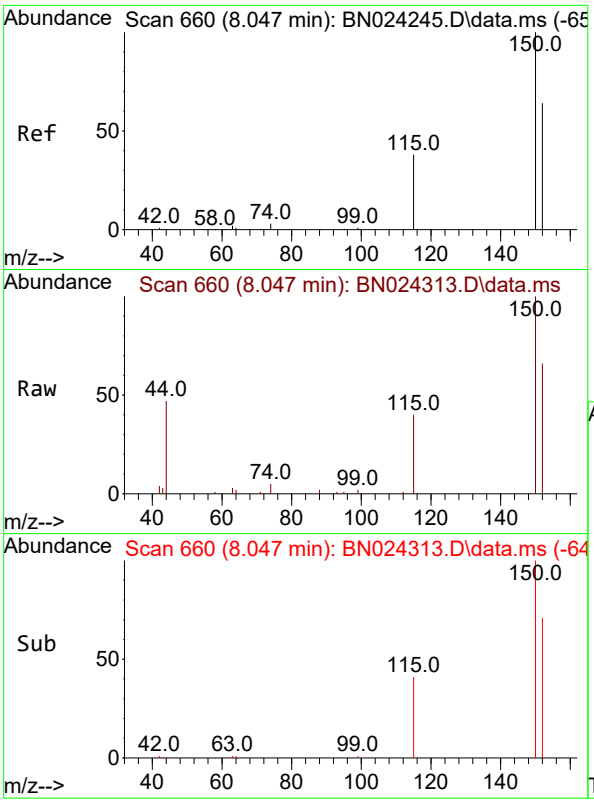
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024313.D
Acq On : 16 Mar 2023 16:17
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 17 04:42:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration



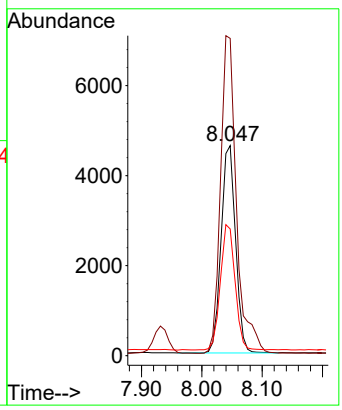


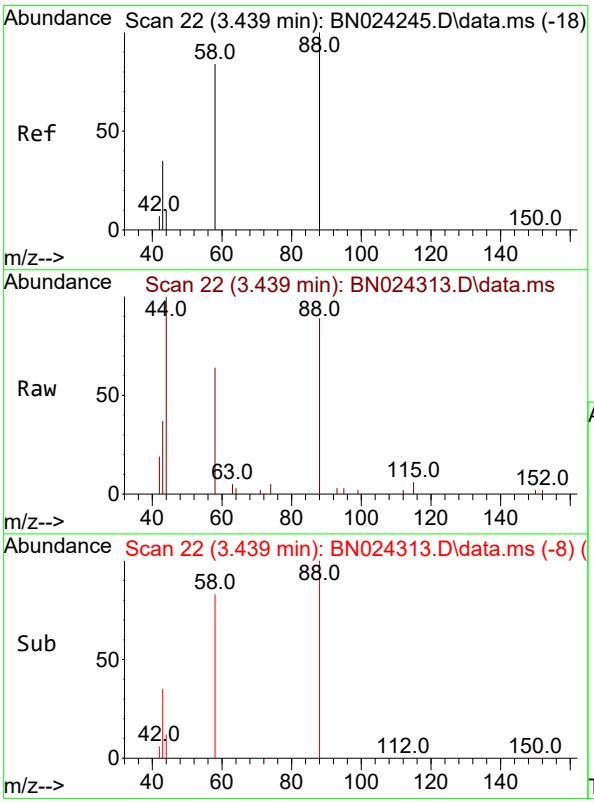
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 7707

Ion	Ratio	Lower	Upper
152	100		
150	151.1	124.7	187.1
115	60.3	49.1	73.7

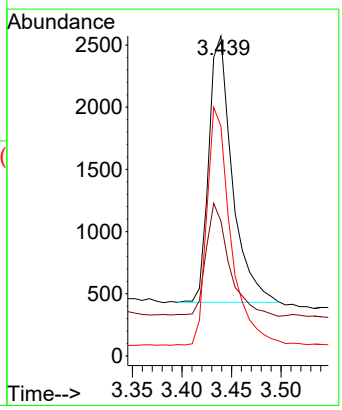


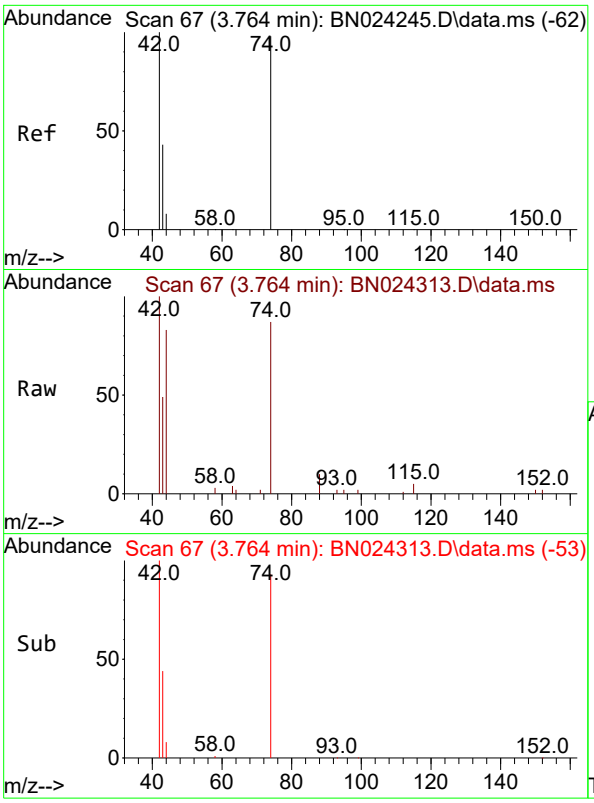


#2
1,4-Dioxane
Concen: 0.419 ng
RT: 3.439 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion: 88 Resp: 3511

Ion	Ratio	Lower	Upper
88	100		
43	42.5	29.0	43.4
58	91.2	67.3	100.9



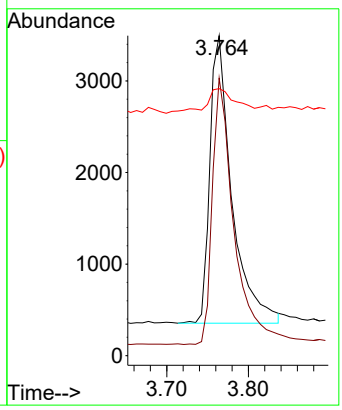


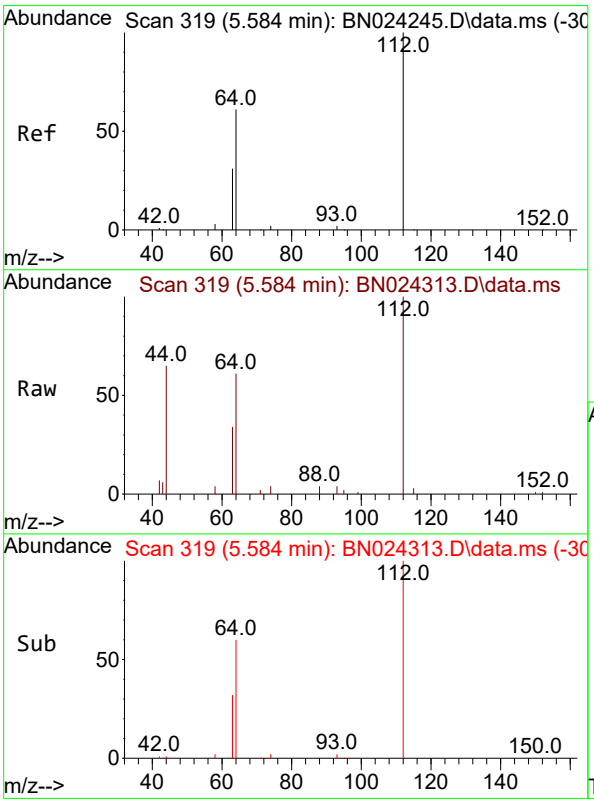
#3
n-Nitrosodimethylamine
Concen: 0.477 ng
RT: 3.764 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 5864

Ion	Ratio	Lower	Upper
42	100		
74	90.2	81.6	122.4
44	11.7	7.3	10.9#

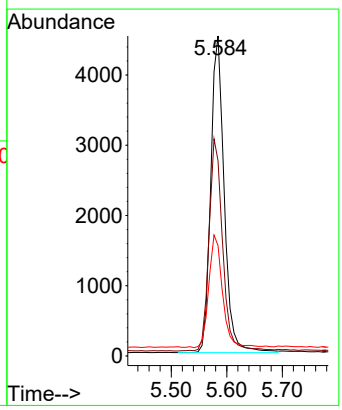


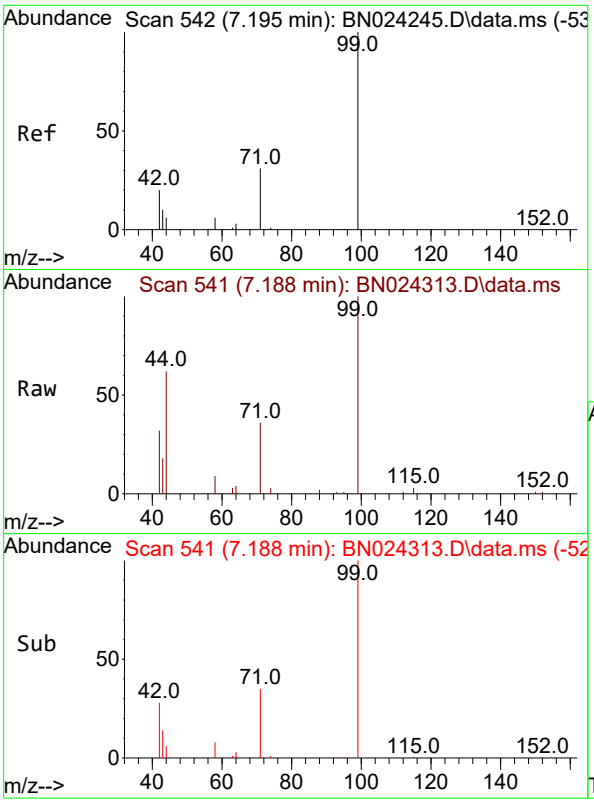


#4
2-Fluorophenol
Concen: 0.445 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:112 Resp: 7602

Ion	Ratio	Lower	Upper
112	100		
64	67.8	49.0	73.6
63	36.0	25.7	38.5



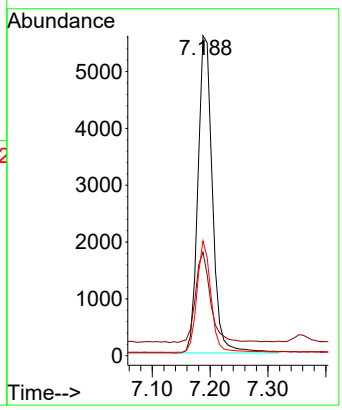


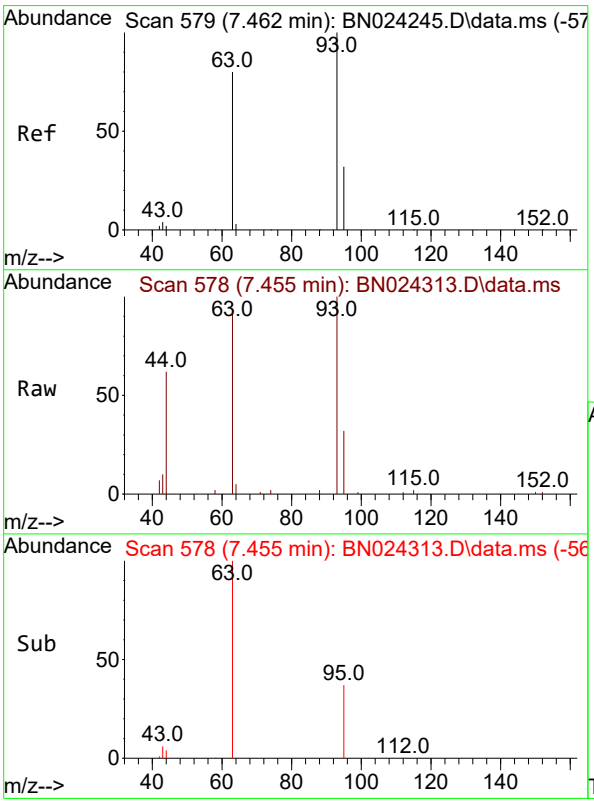
#5
Phenol-d6
Concen: 0.446 ng
RT: 7.188 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 9773

Ion	Ratio	Lower	Upper
99	100		
42	29.3	20.1	30.1
71	33.9	25.8	38.8

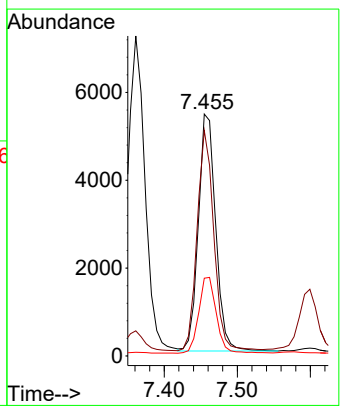


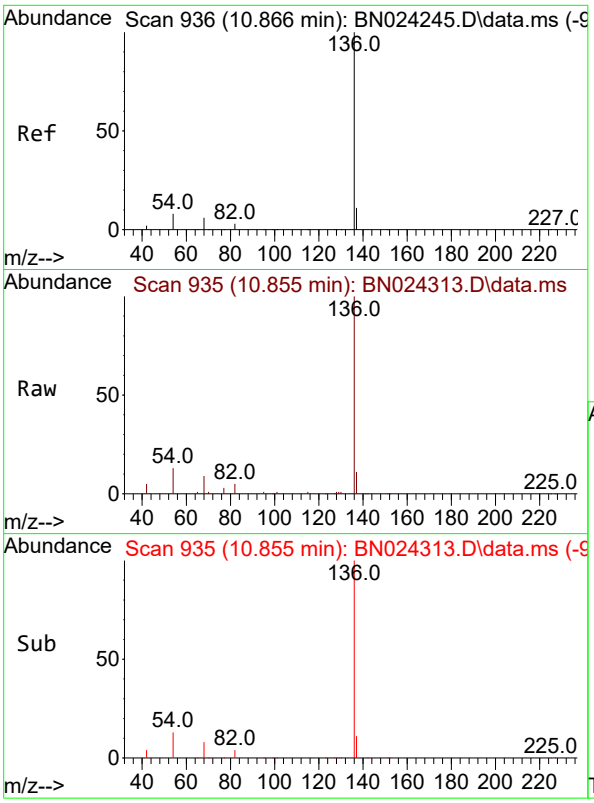


#6
bis(2-Chloroethyl)ether
Concen: 0.409 ng
RT: 7.455 min Scan# 578
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion: 93 Resp: 8906

Ion	Ratio	Lower	Upper
93	100		
63	89.1	65.4	98.2
95	32.3	25.8	38.8



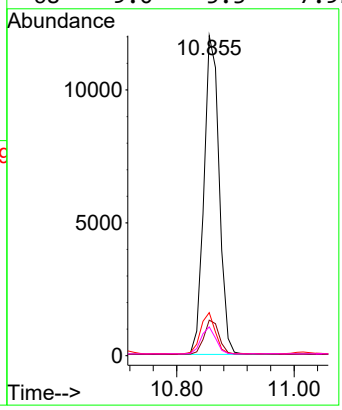


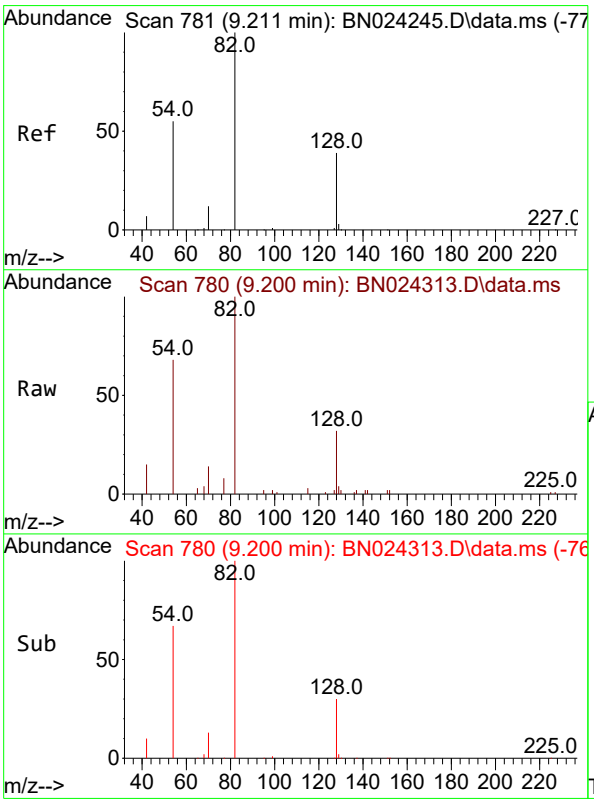
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 21600

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	13.5	7.1	10.7#
68	9.0	5.3	7.9#

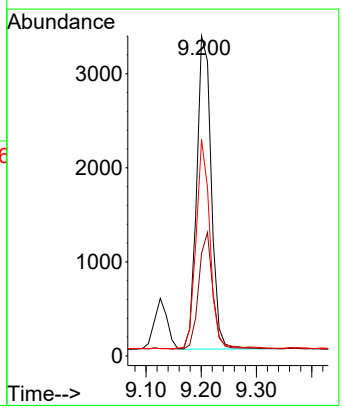


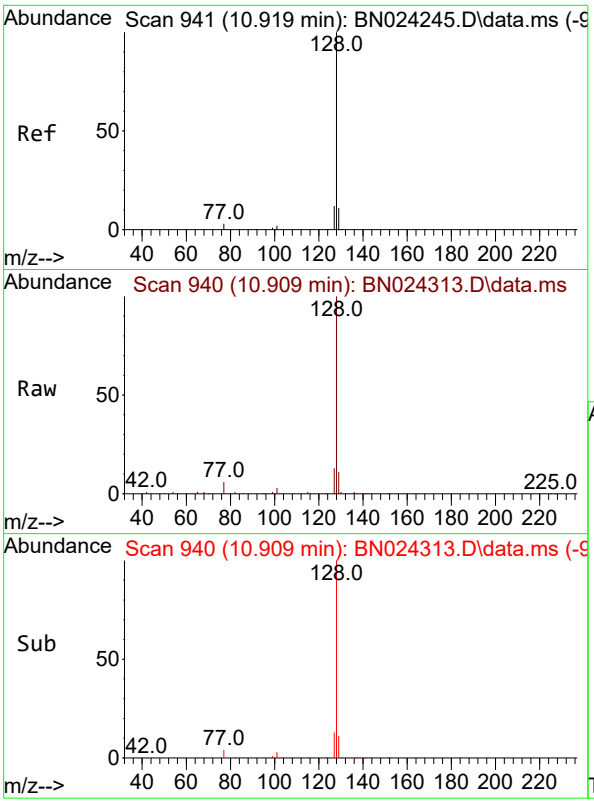


#8
Nitrobenzene-d5
Concen: 0.424 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion: 82 Resp: 6117

Ion	Ratio	Lower	Upper
82	100		
128	32.0	32.4	48.6#
54	67.6	45.2	67.8



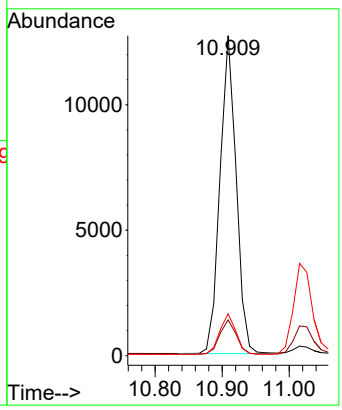


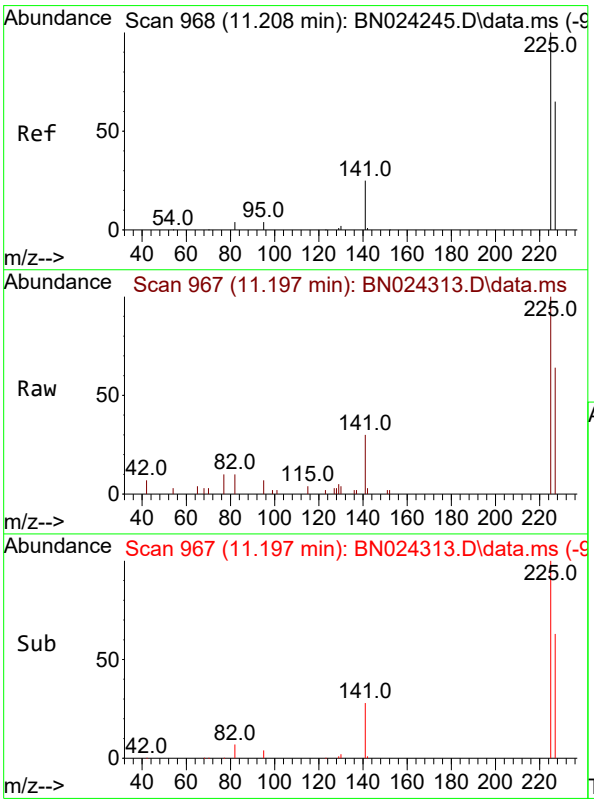
#9
Naphthalene
Concen: 0.388 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 21295

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.2	15.4

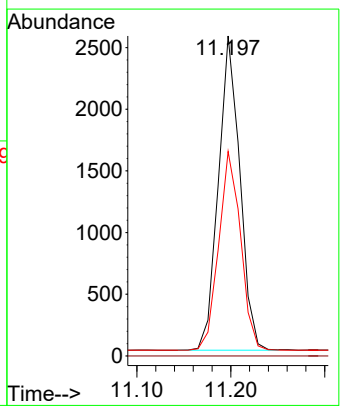


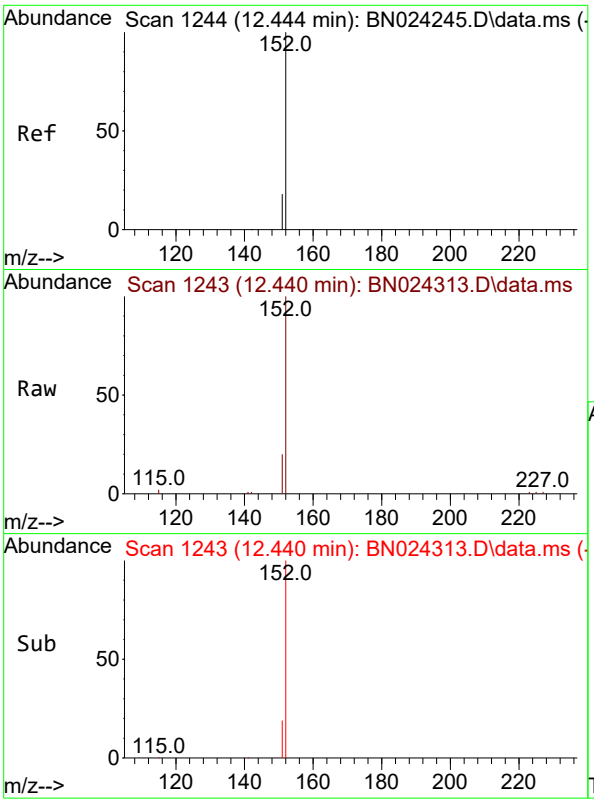


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 11.197 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:225 Resp: 4045

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.0	76.4



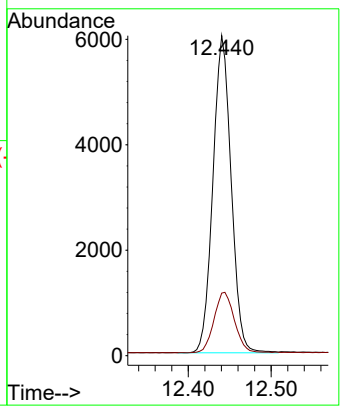


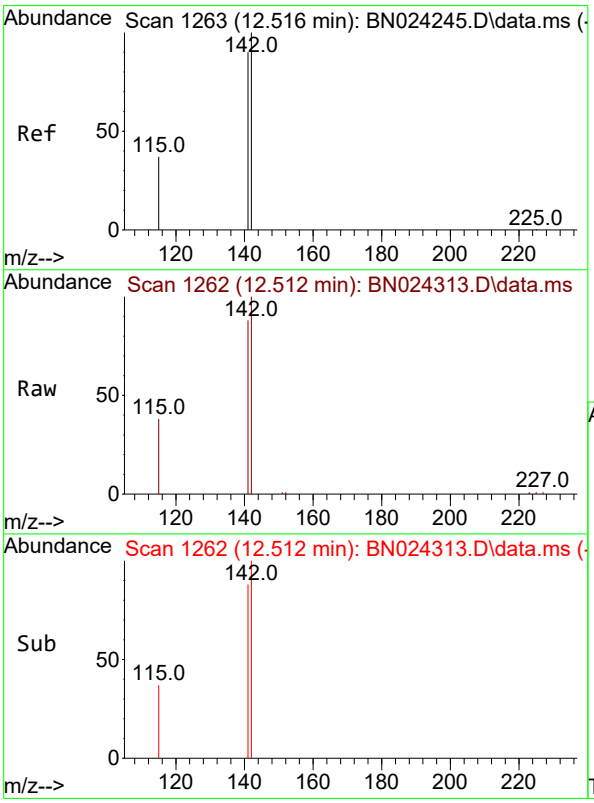
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.440 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9201

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.8	25.2

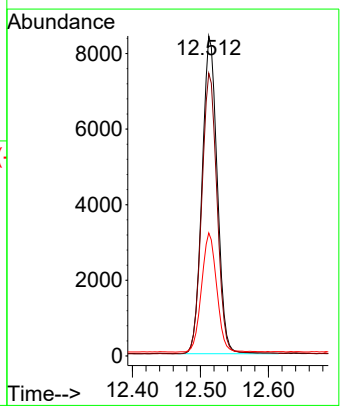


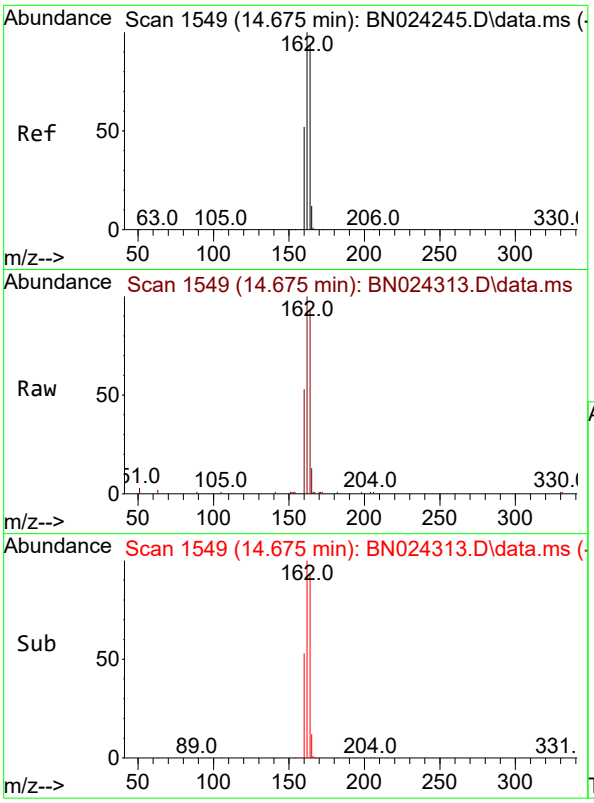


#12
2-Methylnaphthalene
Concen: 0.353 ng
RT: 12.512 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:142 Resp: 13083

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.8	107.6
115	38.4	30.0	45.0



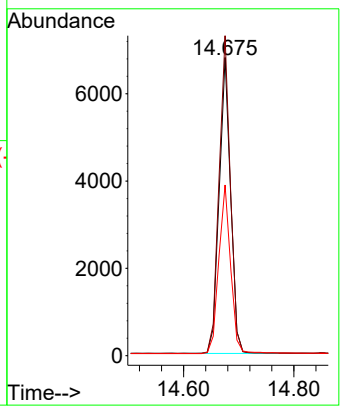


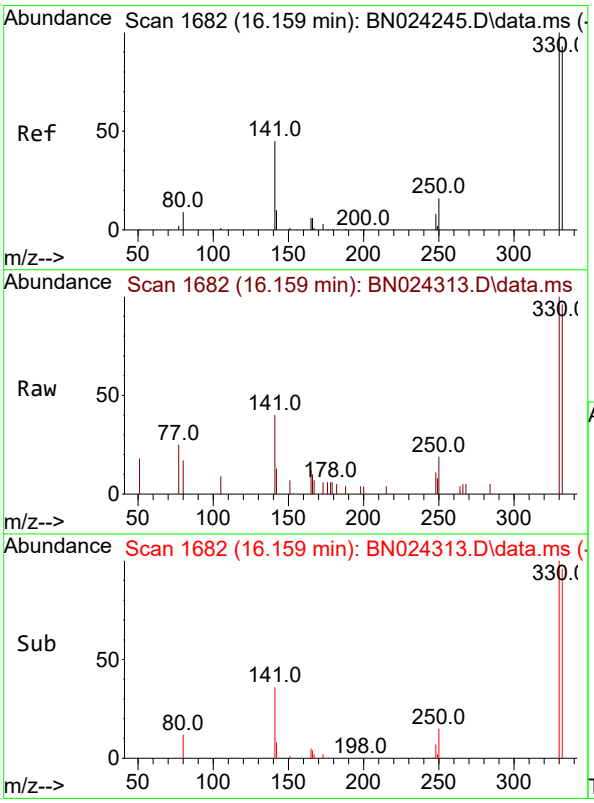
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9709

Ion	Ratio	Lower	Upper
164	100		
162	107.3	84.7	127.1
160	57.2	44.6	66.8

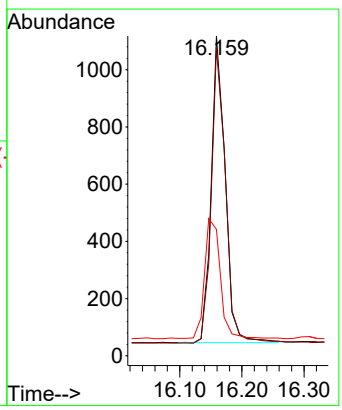


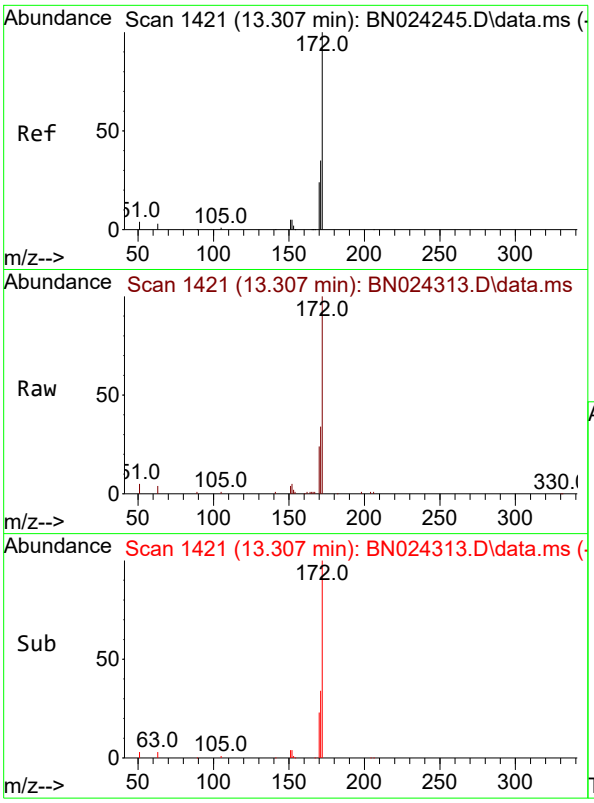


#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:330 Resp: 1681

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	43.5	30.8	46.2



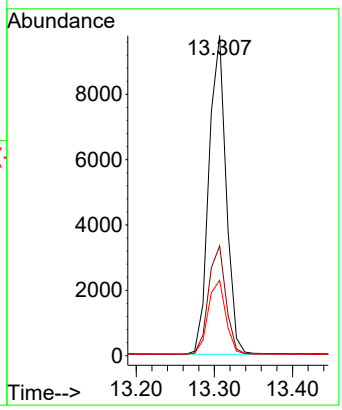


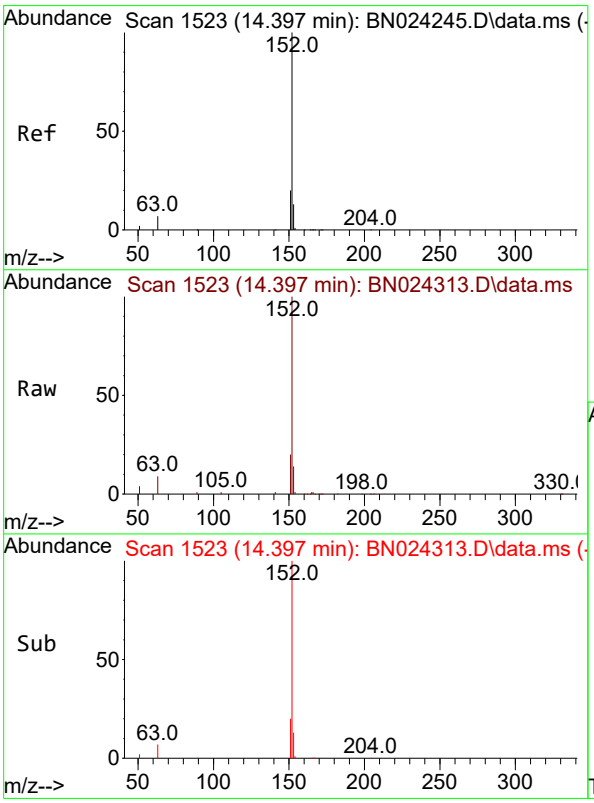
#15
2-Fluorobiphenyl
Concen: 0.406 ng
RT: 13.307 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 14876

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.5	19.0	28.6

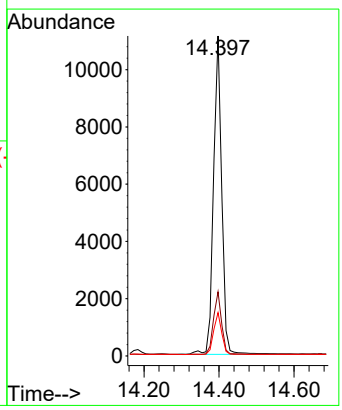


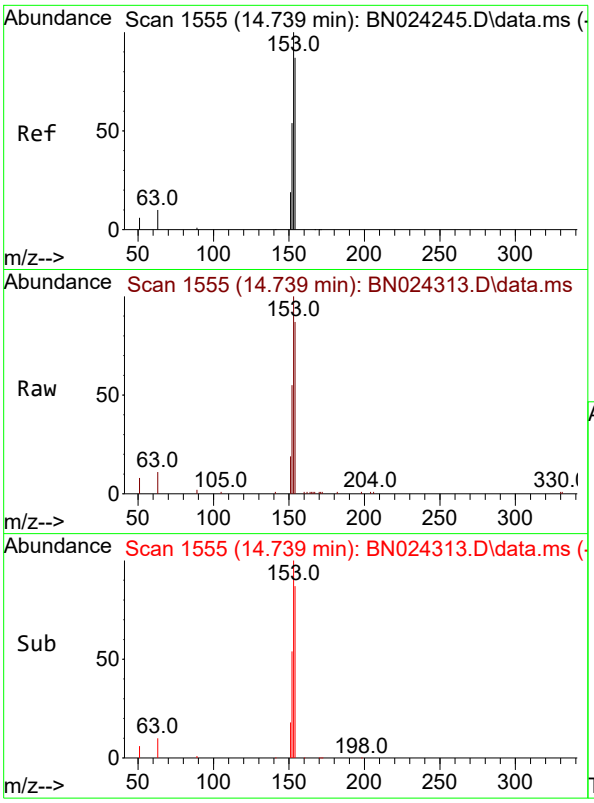


#16
Acenaphthylene
Concen: 0.368 ng
RT: 14.397 min Scan# 1523
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:152 Resp: 16921

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.0
153	13.1	10.4	15.6



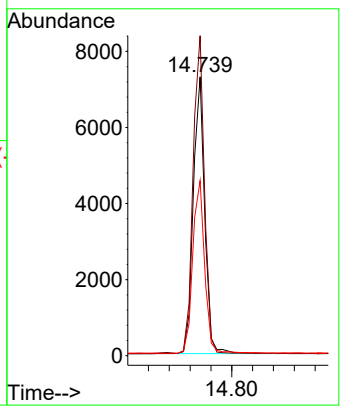


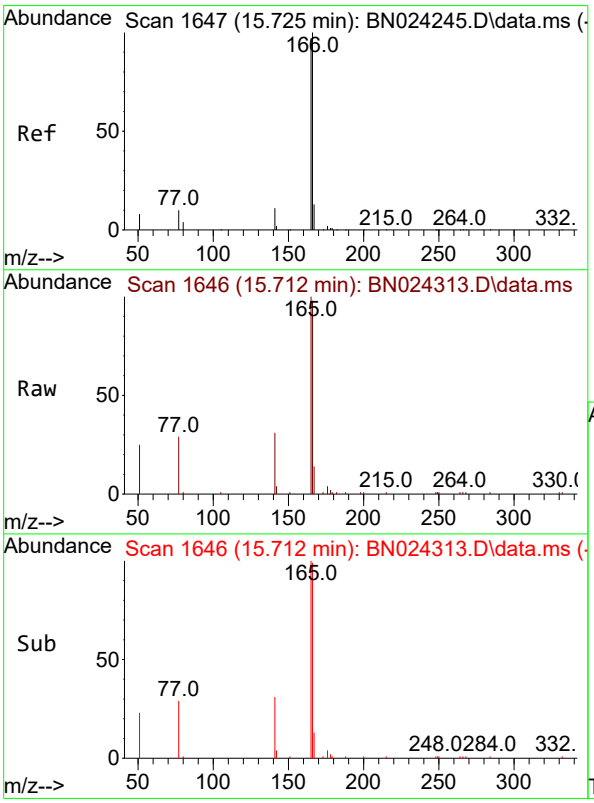
#17
Acenaphthene
Concen: 0.377 ng
RT: 14.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 11066

Ion	Ratio	Lower	Upper
154	100		
153	114.9	88.4	132.6
152	65.1	48.7	73.1

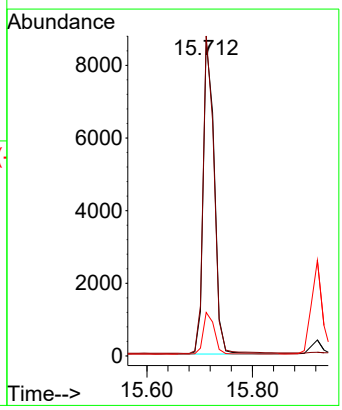


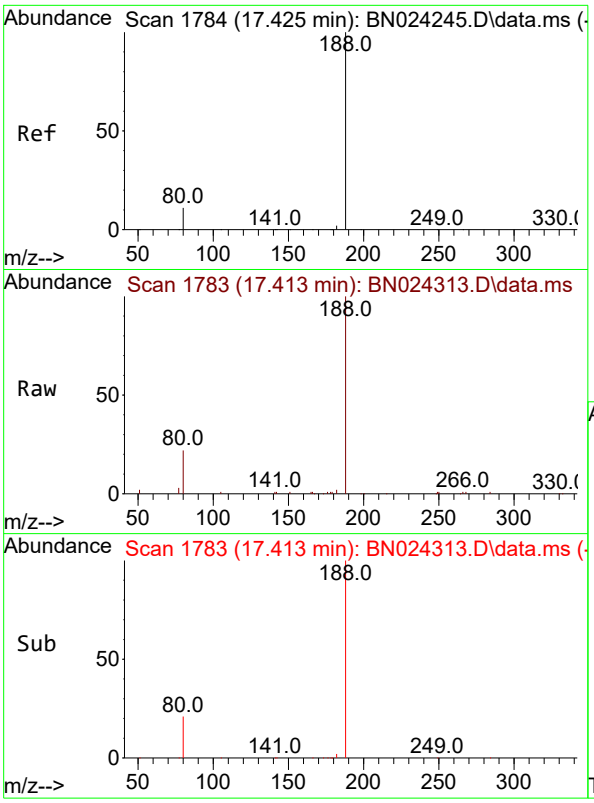


#18
Fluorene
Concen: 0.360 ng
RT: 15.712 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:166 Resp: 12628

Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.2	120.2
167	13.5	10.8	16.2



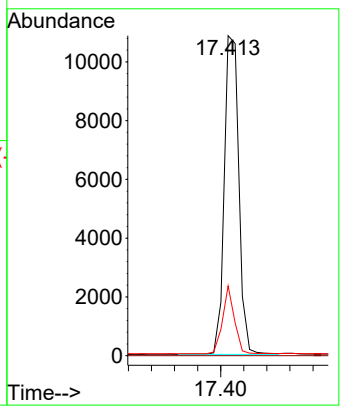


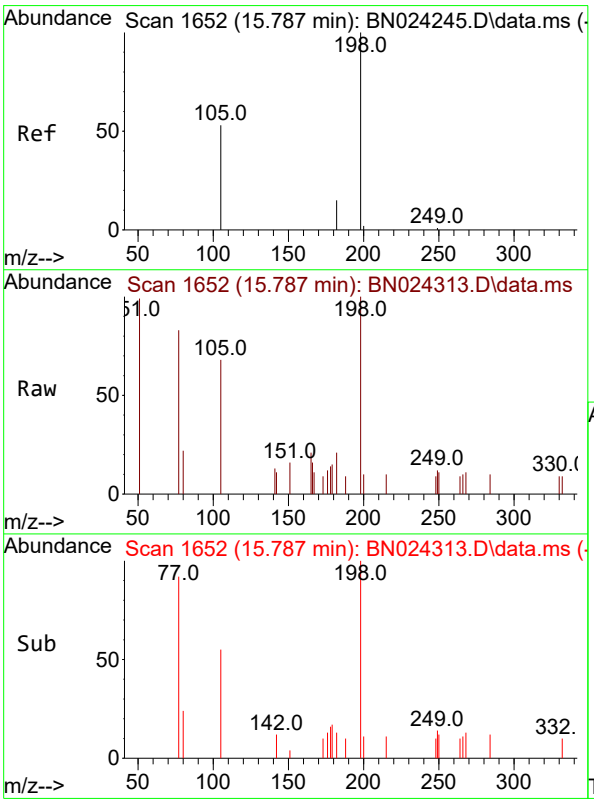
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 19044

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	21.8	8.9	13.3#

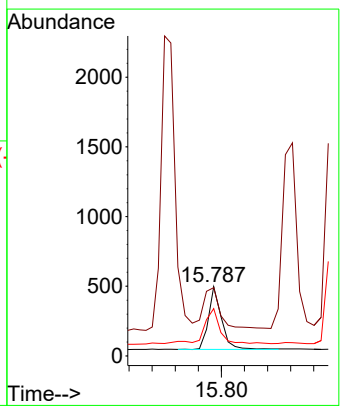


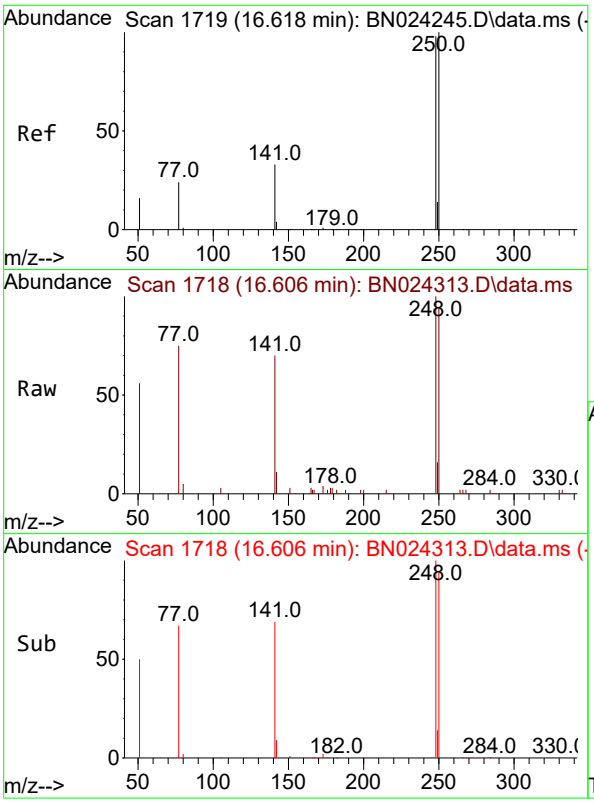


#20
4,6-Dinitro-2-methylphenol
Concen: 0.376 ng
RT: 15.787 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:198 Resp: 702

Ion	Ratio	Lower	Upper
198	100		
51	98.6	68.2	102.2
105	68.4	51.6	77.4



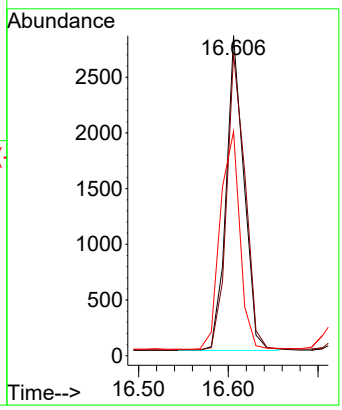


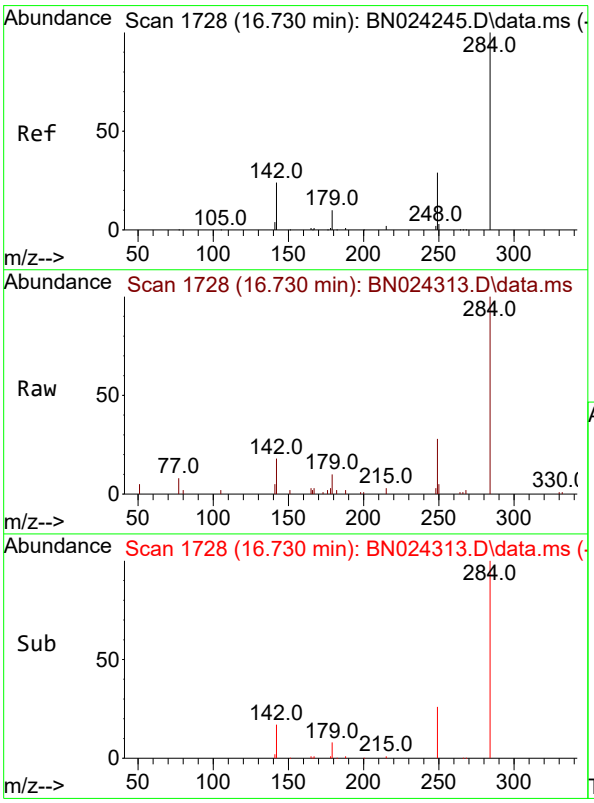
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.606 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 3898

Ion	Ratio	Lower	Upper
248	100		
250	94.4	81.9	122.9
141	70.0	28.2	42.2#

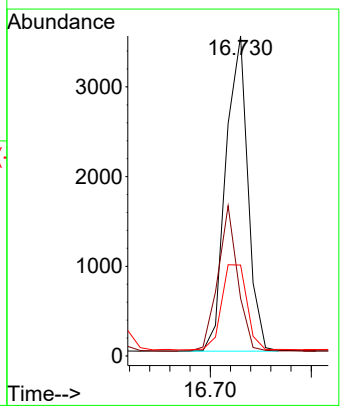


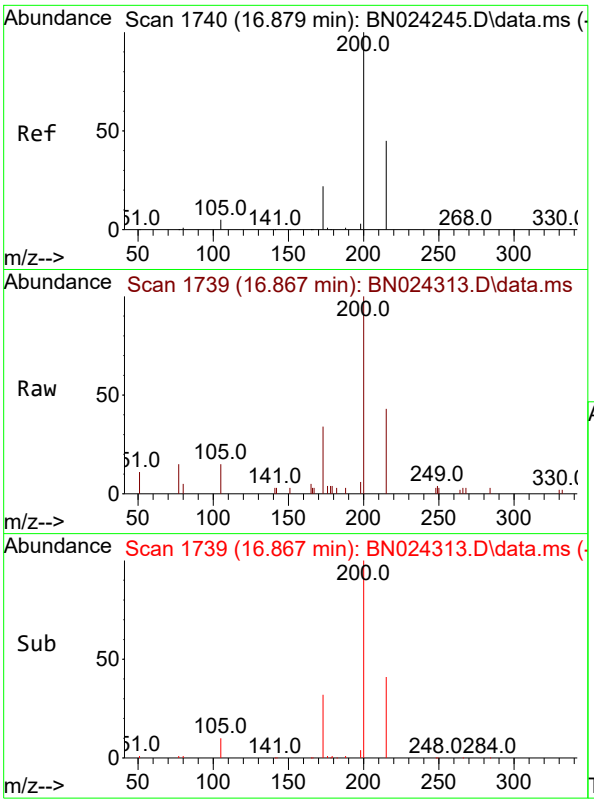


#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.730 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:284 Resp: 5321

Ion	Ratio	Lower	Upper
284	100		
142	41.7	30.2	45.4
249	31.1	24.5	36.7



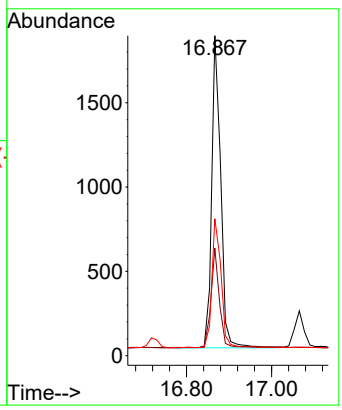


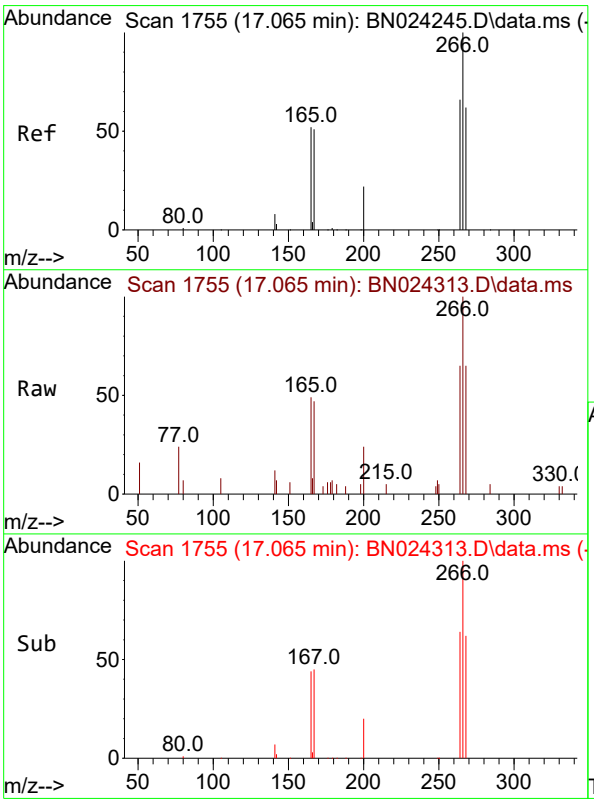
#23
Atrazine
Concen: 0.379 ng
RT: 16.867 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 2725

Ion	Ratio	Lower	Upper
200	100		
173	33.6	18.9	28.3#
215	42.8	36.7	55.1

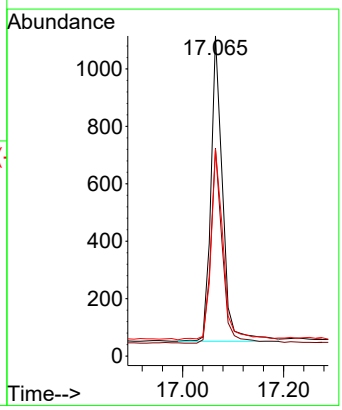


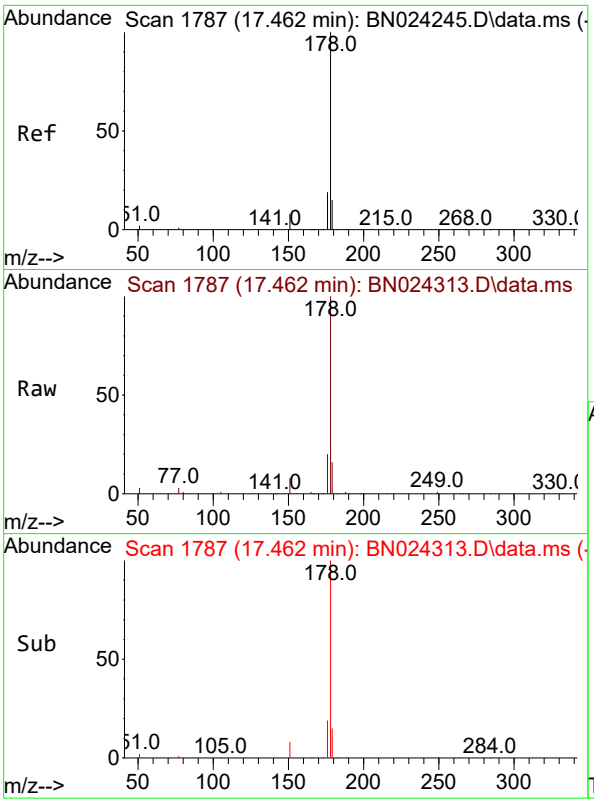


#24
Pentachlorophenol
Concen: 0.330 ng
RT: 17.065 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:266 Resp: 1705

Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.1	76.7
268	64.4	52.2	78.4



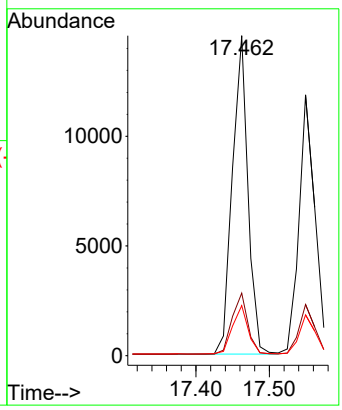


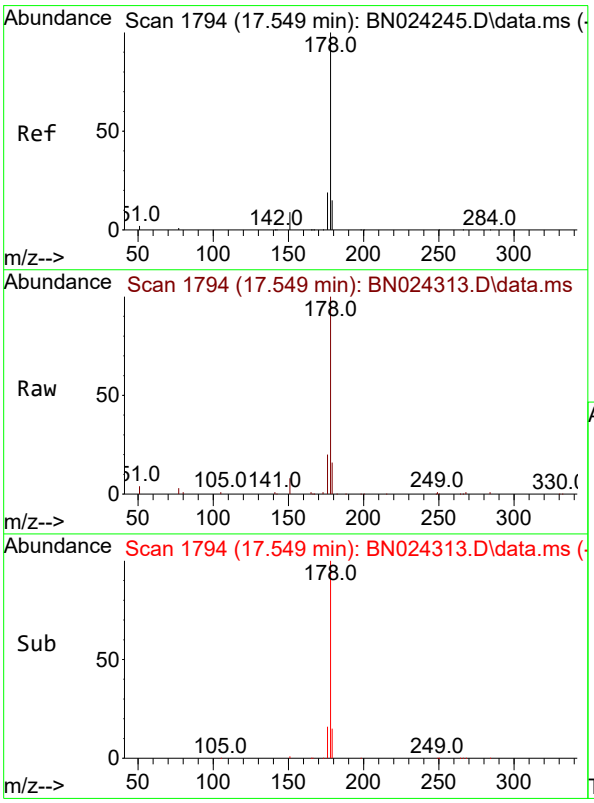
#25
Phenanthrene
Concen: 0.379 ng
RT: 17.462 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 21390

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.3	12.2	18.2

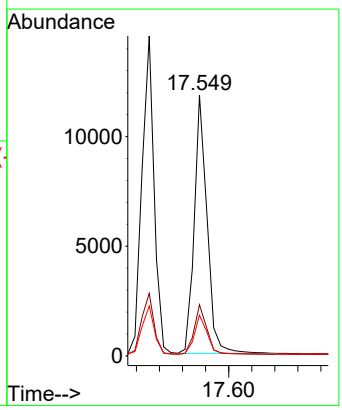


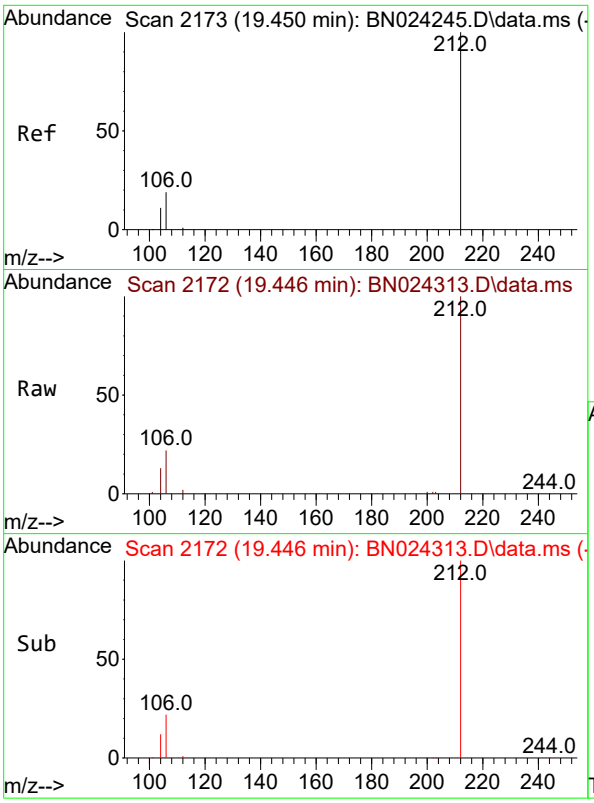


#26
Anthracene
Concen: 0.350 ng
RT: 17.549 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:178 Resp: 18225

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.2	12.1	18.1



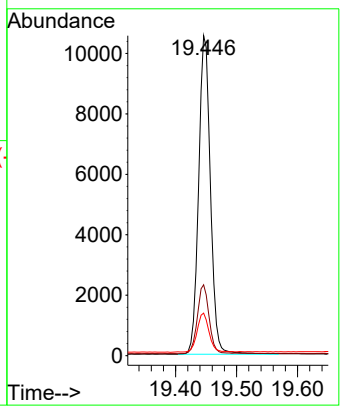


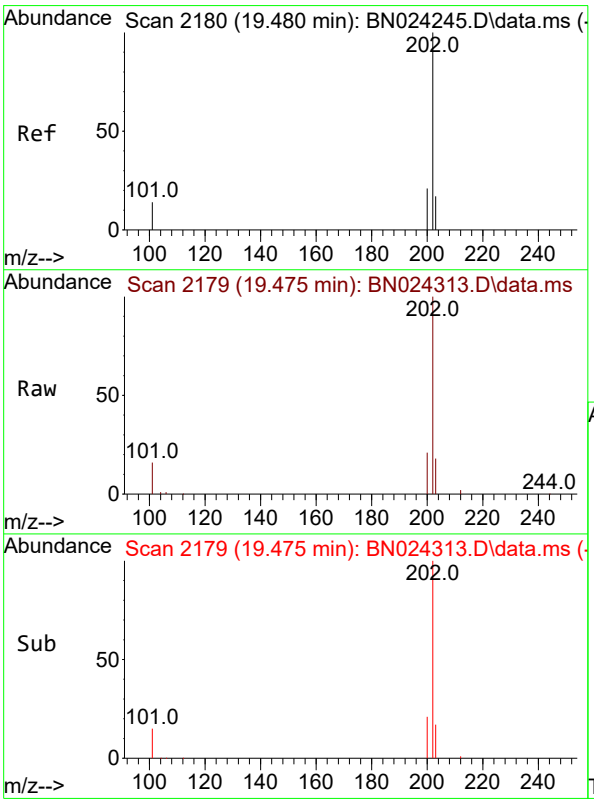
#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.446 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 14229

Ion	Ratio	Lower	Upper
212	100		
106	21.3	15.4	23.2
104	12.2	8.6	13.0

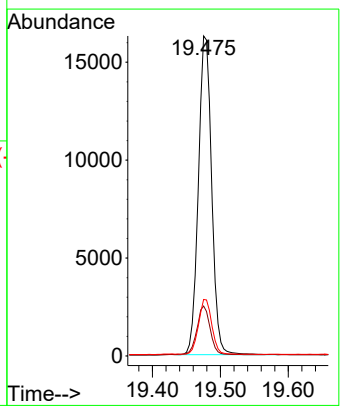


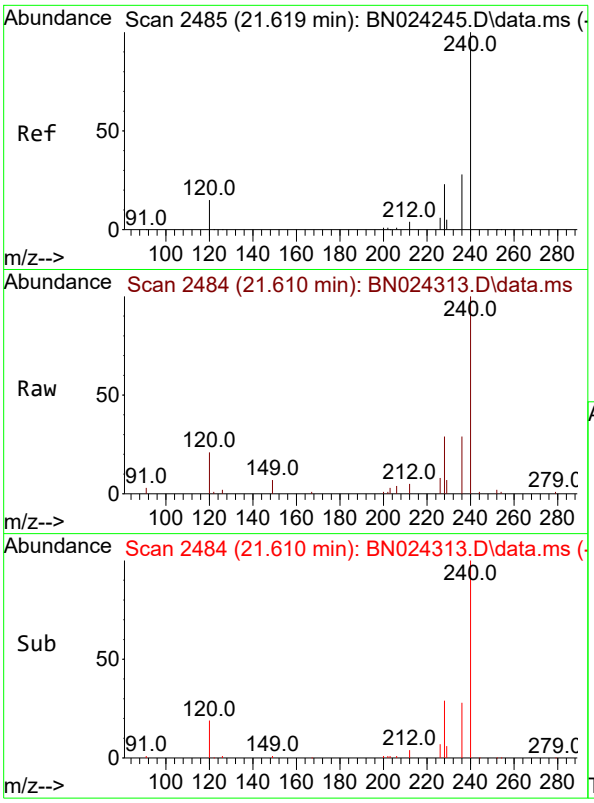


#28
Fluoranthene
Concen: 0.358 ng
RT: 19.475 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:202 Resp: 22105

Ion	Ratio	Lower	Upper
202	100		
101	15.4	11.3	16.9
203	17.2	13.6	20.4



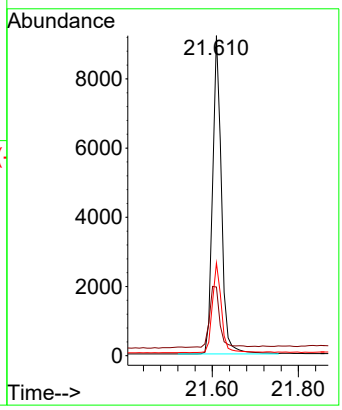


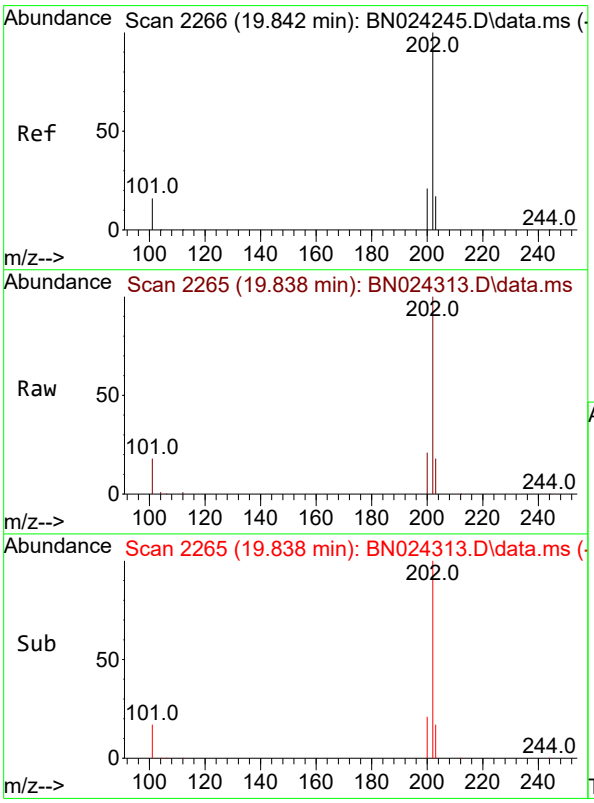
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 13110

Ion	Ratio	Lower	Upper
240	100		
120	21.5	12.8	19.2#
236	29.0	22.5	33.7

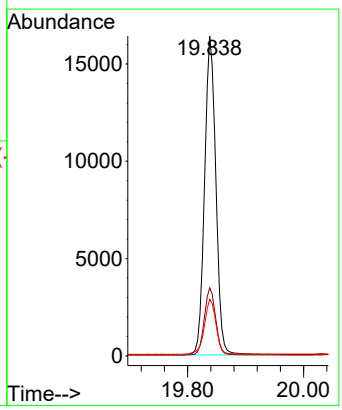


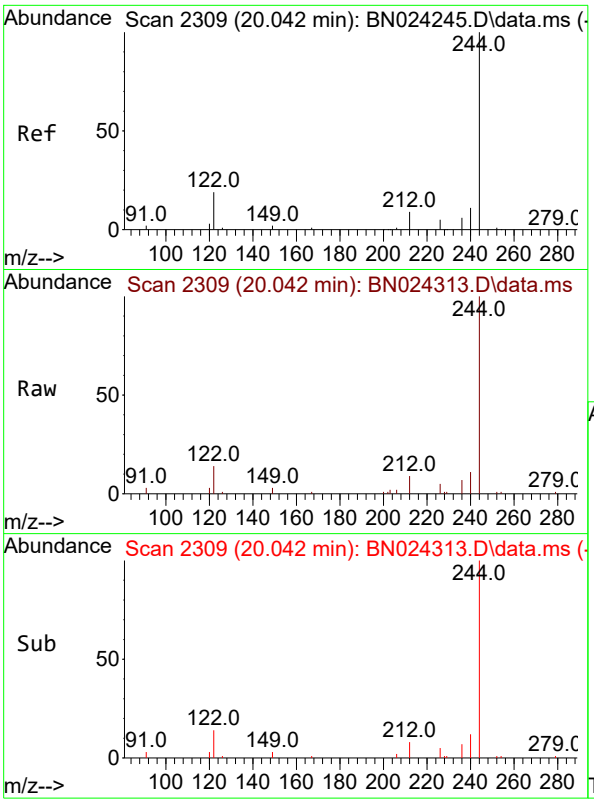


#30
Pyrene
Concen: 0.417 ng
RT: 19.838 min Scan# 2265
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:202 Resp: 22131

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.9	14.2	21.2



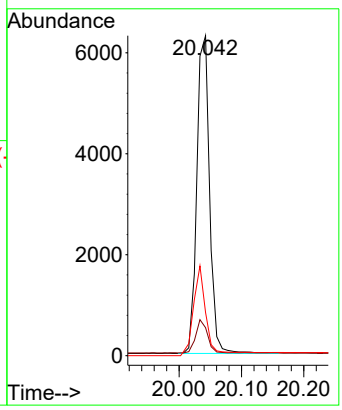


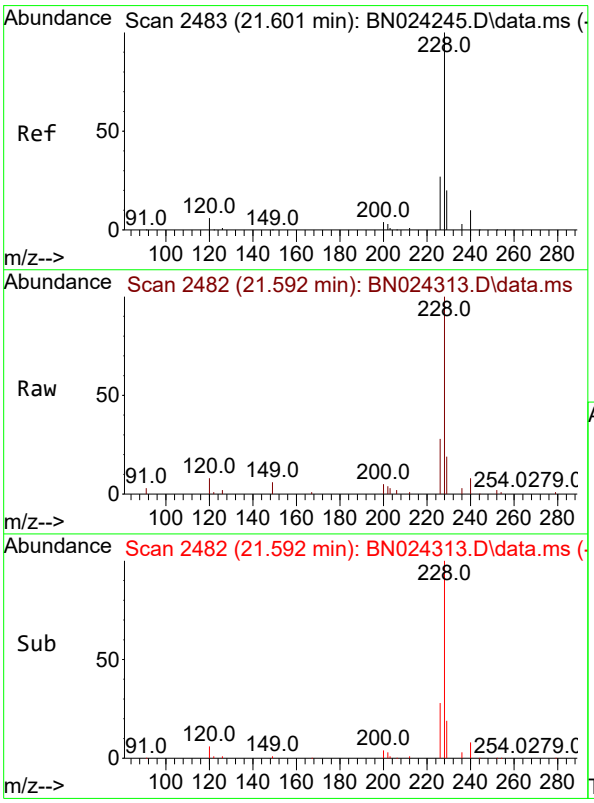
#31
Terphenyl-d14
Concen: 0.381 ng
RT: 20.042 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 8414

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	13.5	15.1	22.7#

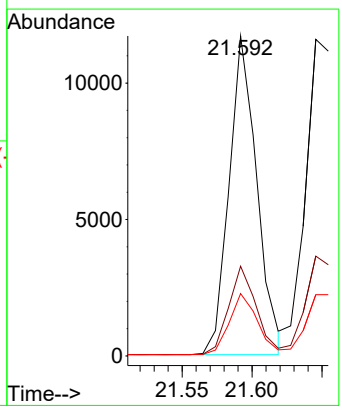


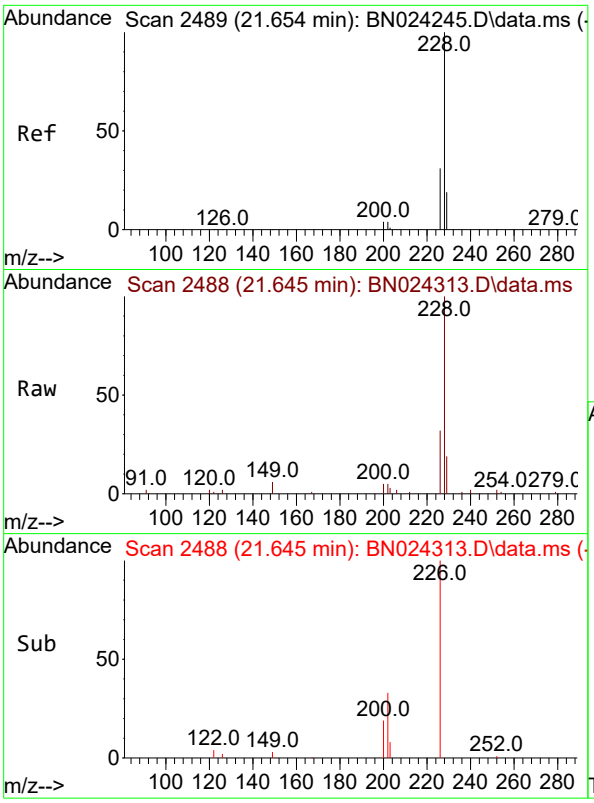


#32
Benzo(a)anthracene
Concen: 0.368 ng
RT: 21.592 min Scan# 2482
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:228 Resp: 16100

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.2
229	19.5	15.9	23.9



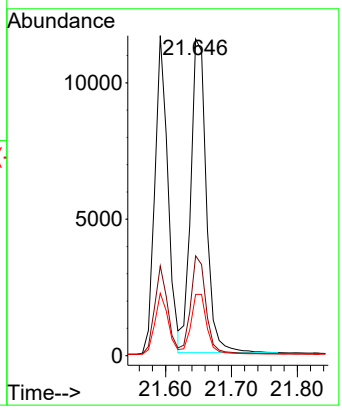


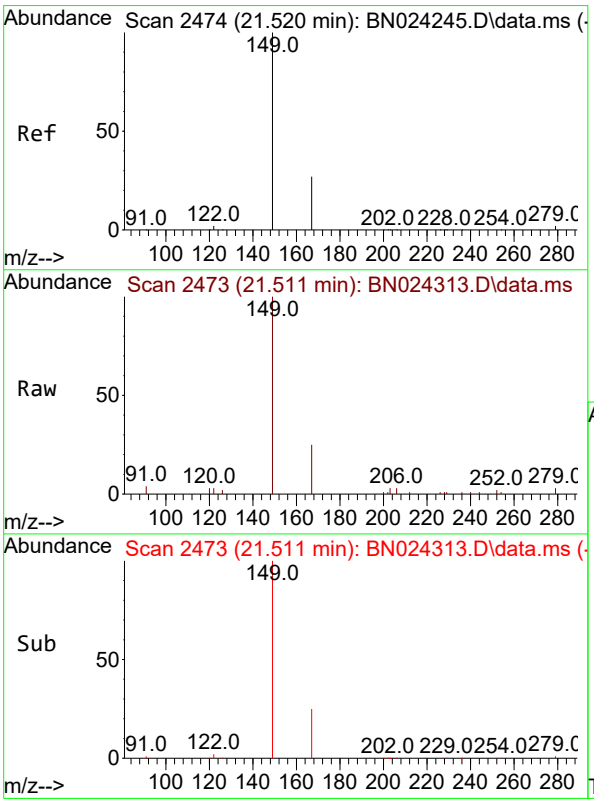
#33
Chrysene
Concen: 0.403 ng
RT: 21.645 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 18845

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	19.4	15.5	23.3

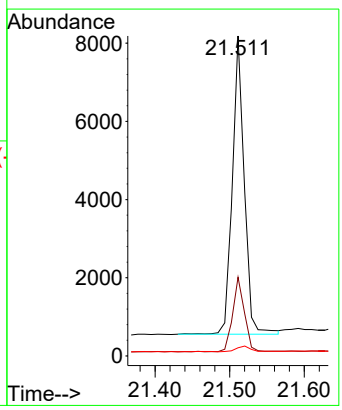


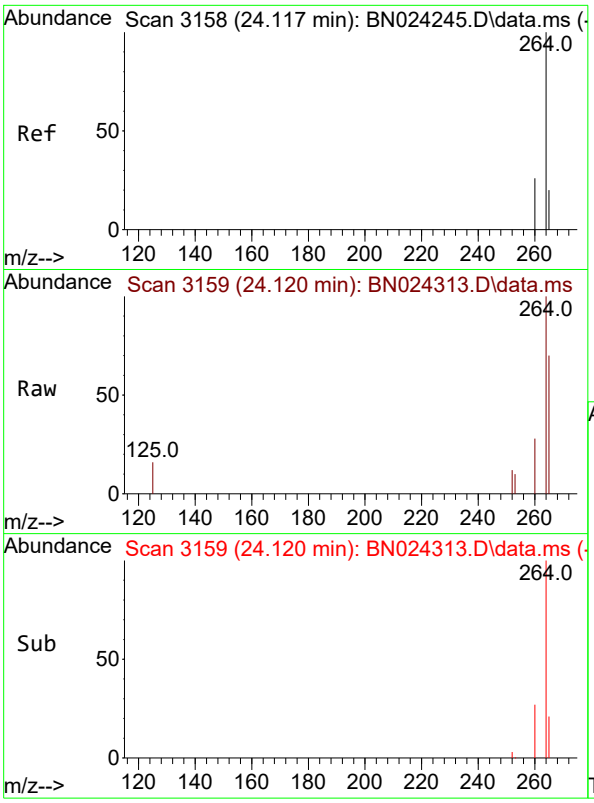


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.408 ng
RT: 21.511 min Scan# 2473
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:149 Resp: 8413

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.2	31.8
279	2.6	1.8	2.8



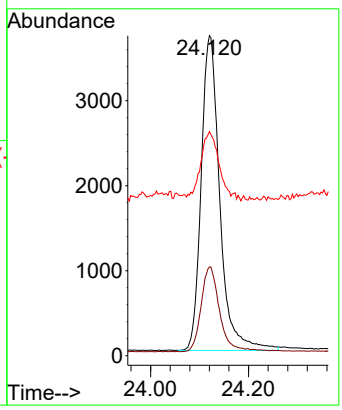


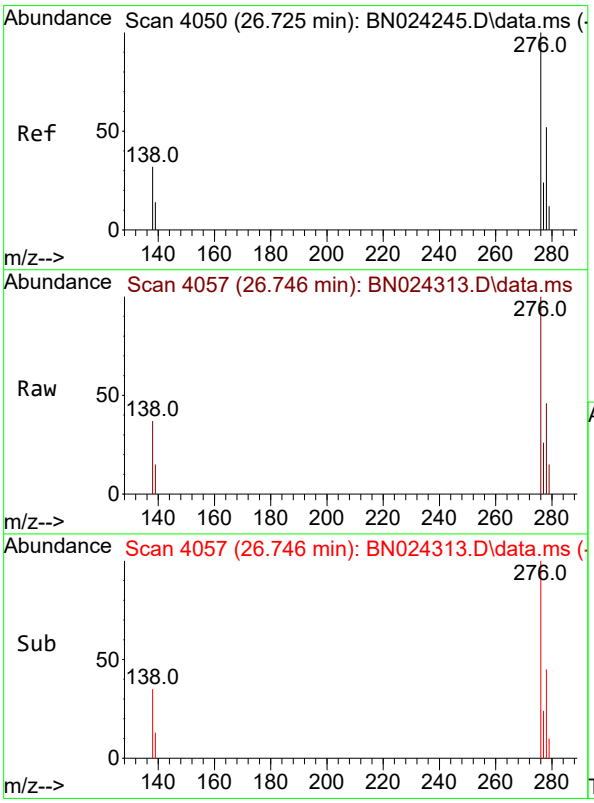
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.120 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 9751

Ion	Ratio	Lower	Upper
264	100		
260	27.7	21.4	32.2
265	70.0	35.7	53.5#

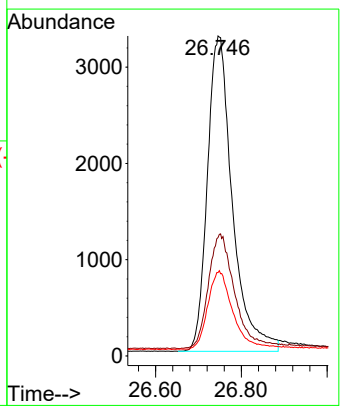


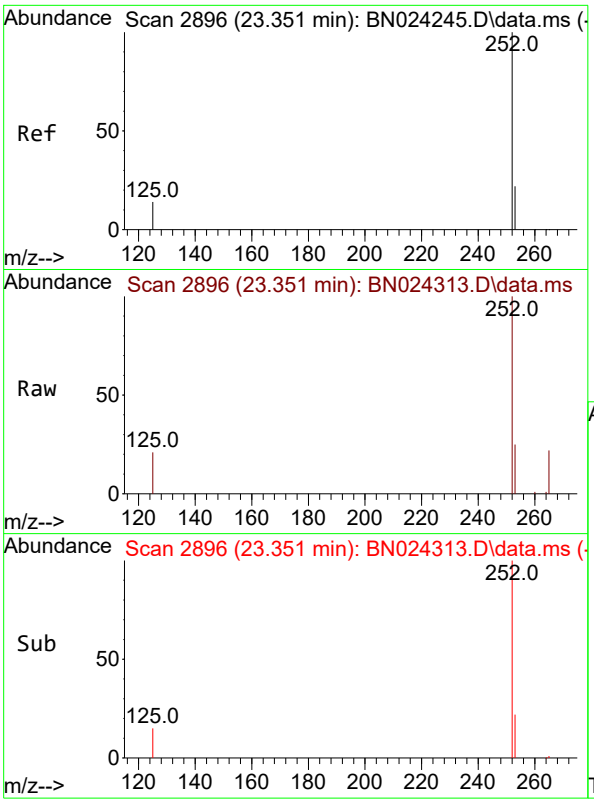


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 26.746 min Scan# 4057
Delta R.T. 0.006 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:276 Resp: 13289

Ion	Ratio	Lower	Upper
276	100		
138	38.3	27.4	41.2
277	24.7	19.8	29.6



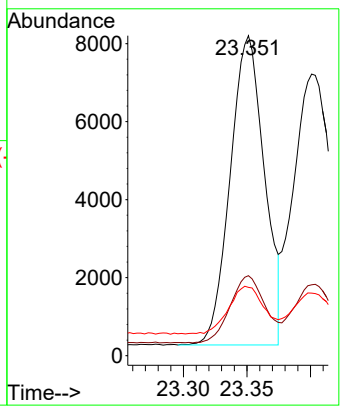


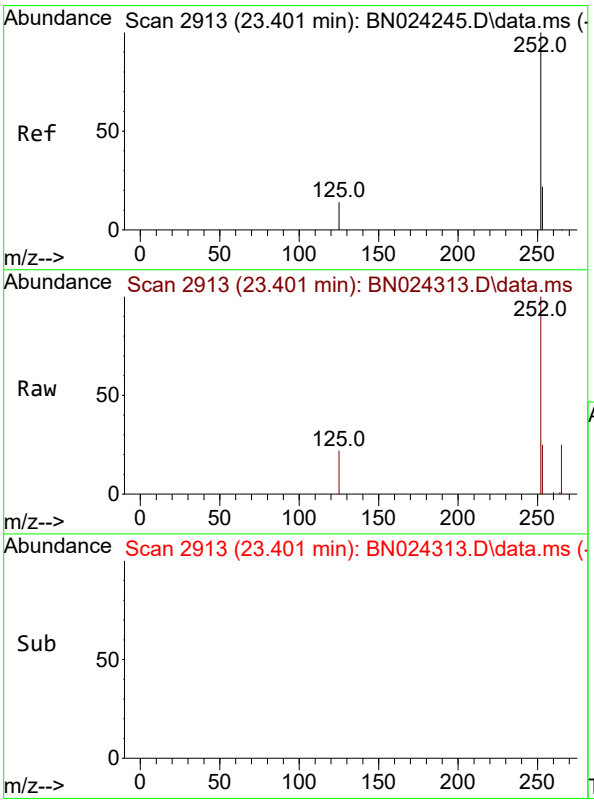
#37
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.351 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 14874

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	21.4	13.8	20.6#

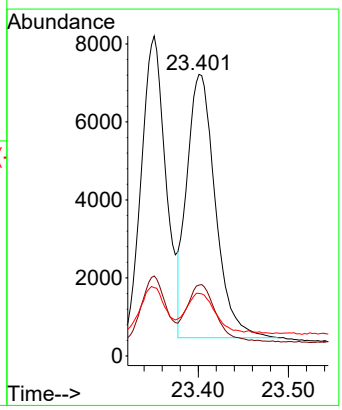


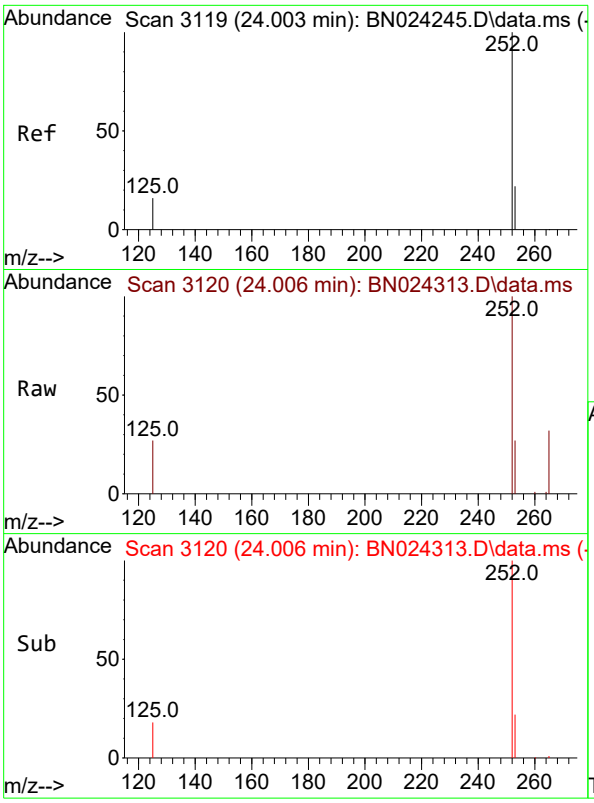


#38
Benzo(k)fluoranthene
Concen: 0.378 ng
RT: 23.401 min Scan# 2913
Delta R.T. 0.006 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:252 Resp: 14787

Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.0	28.6
125	22.2	13.5	20.3#



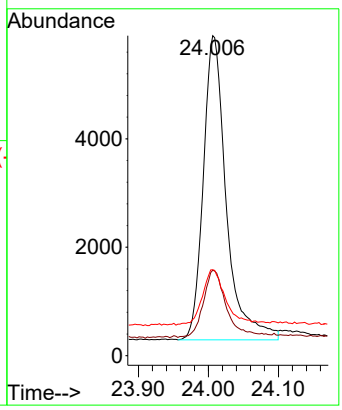


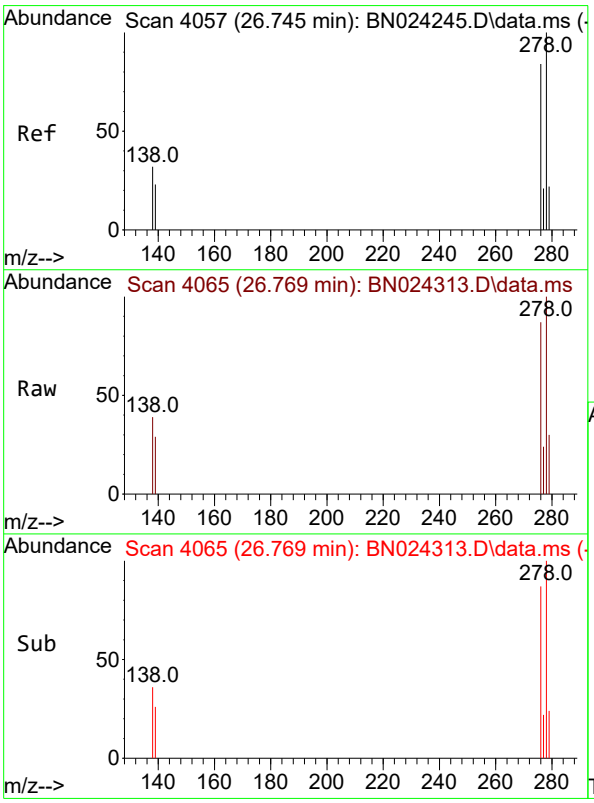
#39
Benzo(a)pyrene
Concen: 0.369 ng
RT: 24.006 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 12840

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.5	29.3
125	26.8	16.2	24.4#

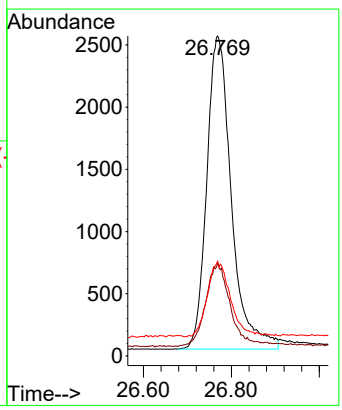


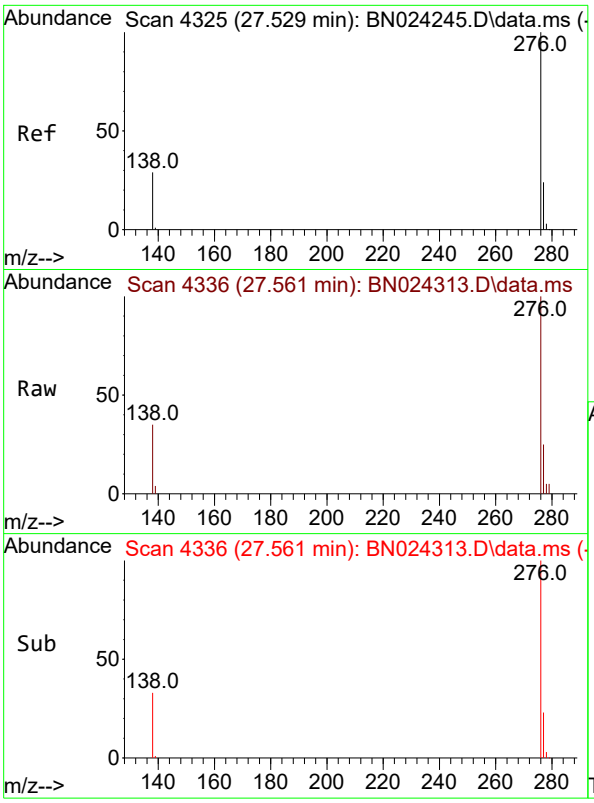


#40
Dibenzo(a,h)anthracene
Concen: 0.346 ng
RT: 26.769 min Scan# 4065
Delta R.T. 0.009 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Tgt Ion:278 Resp: 9788

Ion	Ratio	Lower	Upper
278	100		
139	29.0	19.4	29.0
279	29.6	20.7	31.1





#41
Benzo(g,h,i)perylene
Concen: 0.389 ng
RT: 27.561 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN024313.D
Acq: 16 Mar 2023 16:17

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 12857

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.9	29.9
138	34.8	24.5	36.7