Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120622\
Data File : BN023078.D
Acq On : 06 Dec 2022 17:45
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Quant Time: Dec 07 02:12:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 02:02:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.035	152	6421	0.400	ng		0.00
7) Naphthalene-d8	10.861	136	18955	0.400	ng		0.00
13) Acenaphthene-d10	14.677	164	10798	0.400	ng		0.00
19) Phenanthrene-d10	17.427	188	24146	0.400	ng		0.00
29) Chrysene-d12	21.611	240	19626	0.400	ng		# 0.00
35) Perylene-d12	24.081	264	16142	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.572	112	4940	0.327	ng		0.00
5) Phenol-d6	7.183	99	6092	0.319	ng		0.00
8) Nitrobenzene-d5	9.195	82	4660	0.328	ng		0.00
11) 2-Methylnaphthalene-d10	12.442	152	11771	0.309	ng		0.00
14) 2,4,6-Tribromophenol	16.161	330	1367	0.297	ng		0.00
15) 2-Fluorobiphenyl	13.308	172	16906	0.354	ng		0.00
27) Fluoranthene-d10	19.452	212	21977	0.331	ng		0.00
31) Terphenyl-d14	20.044	244	14011	0.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.420	88	2988	0.371	ng		96
3) n-Nitrosodimethylamine	3.752	42	2792	0.346	ng		98
6) bis(2-Chloroethyl)ether	7.450	93	7540	0.366	ng		100
9) Naphthalene	10.904	128	20568	0.366	ng		100
10) Hexachlorobutadiene	11.192	225	3958	0.376	ng	#	100
12) 2-Methylnaphthalene	12.132	142	3034	0.304	ng	#	98
16) Acenaphthylene	14.399	152	17462	0.343	ng		100
17) Acenaphthene	14.741	154	13391	0.363	ng		99
18) Fluorene	15.726	166	15823	0.358	ng		96
20) 4,6-Dinitro-2-methylph...	15.788	198	1116	0.349	ng		91
21) 4-Bromophenyl-phenylether	16.620	248	5131	0.344	ng	#	66
22) Hexachlorobenzene	16.732	284	7139	0.378	ng		99
23) Atrazine	16.881	200	3498	0.328	ng		97
24) Pentachlorophenol	17.067	266	2000	0.383	ng		97
25) Phenanthrene	17.464	178	30110	0.366	ng		100
26) Anthracene	17.551	178	22695	0.343	ng		99
28) Fluoranthene	19.481	202	31543	0.352	ng		100
30) Pyrene	19.844	202	30937	0.367	ng		100
32) Benzo(a)anthracene	21.593	228	25598	0.349	ng		98
33) Chrysene	21.647	228	30359	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.513	149	10331	0.332	ng		100
36) Indeno(1,2,3-cd)pyrene	26.665	276	31883	0.366	ng		100
37) Benzo(b)fluoranthene	23.323	252	27056	0.364	ng		97
38) Benzo(k)fluoranthene	23.373	252	27159	0.358	ng		99
39) Benzo(a)pyrene	23.970	252	20907	0.347	ng	#	95
40) Dibenzo(a,h)anthracene	26.689	278	24972	0.363	ng		100
41) Benzo(g,h,i)perylene	27.463	276	25355	0.355	ng		100

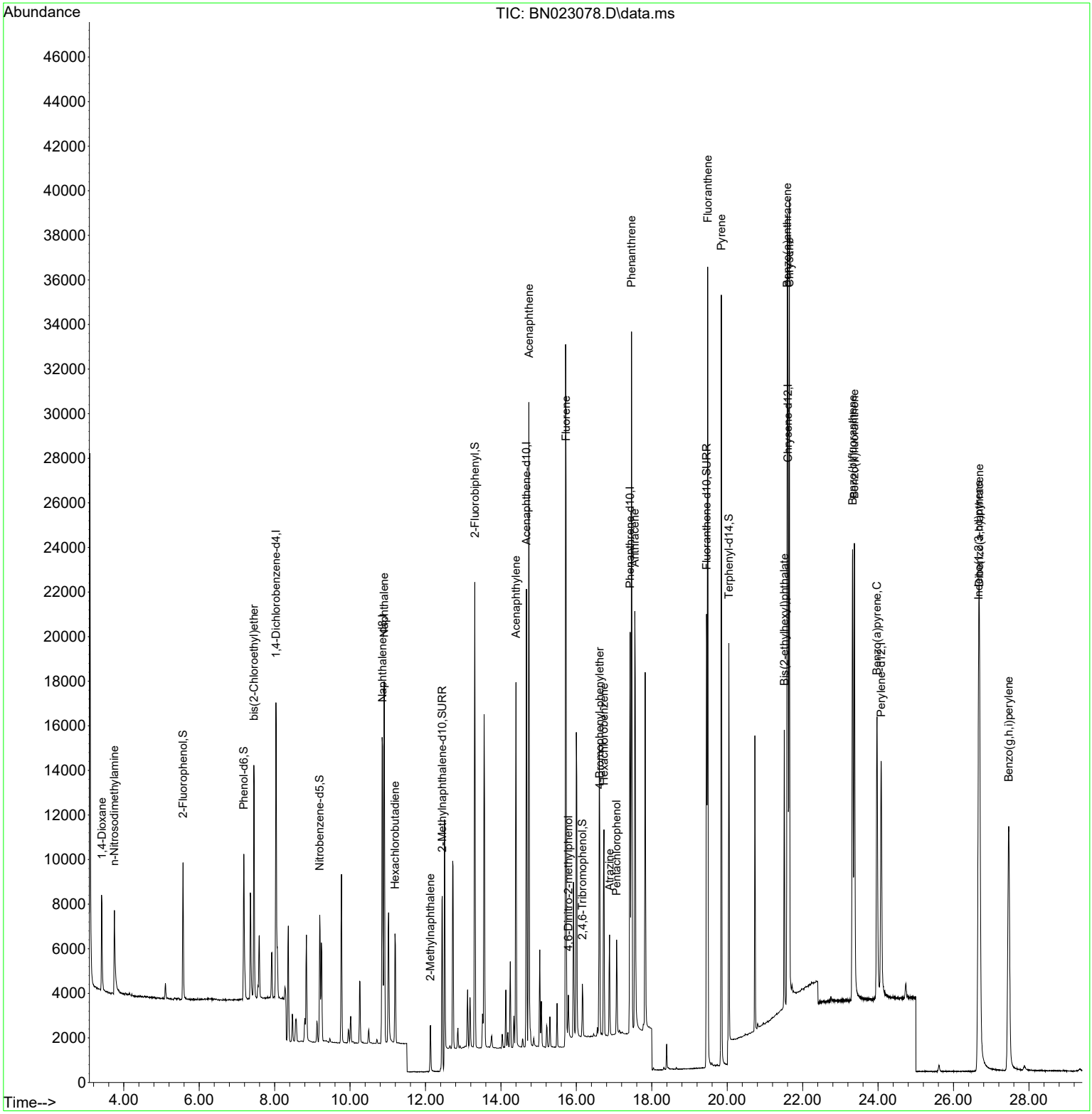
(#) = qualifier out of range (m) = manual integration (+) = signals summed

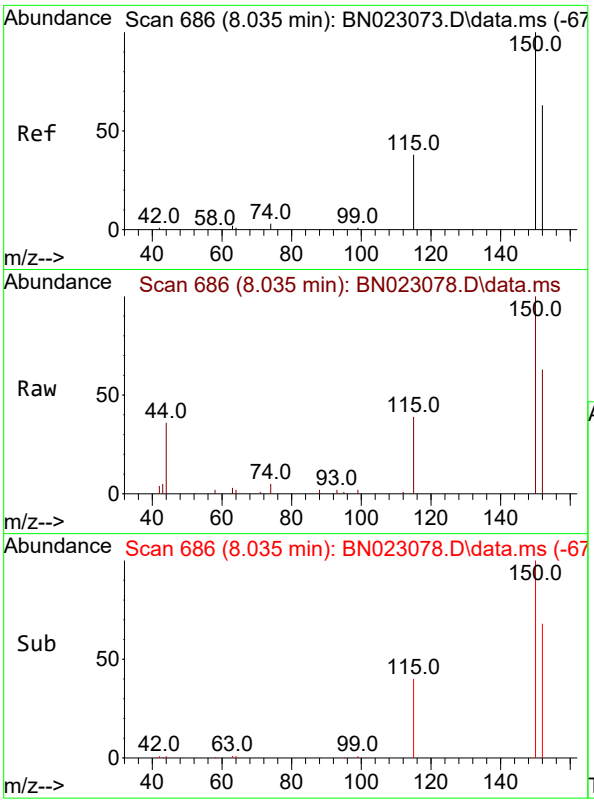
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120622\
Data File : BN023078.D
Acq On : 06 Dec 2022 17:45
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Quant Time: Dec 07 02:12:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 02:02:07 2022
Response via : Initial Calibration



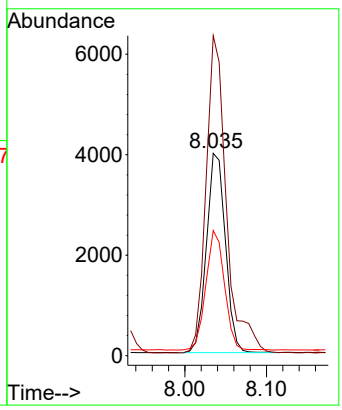


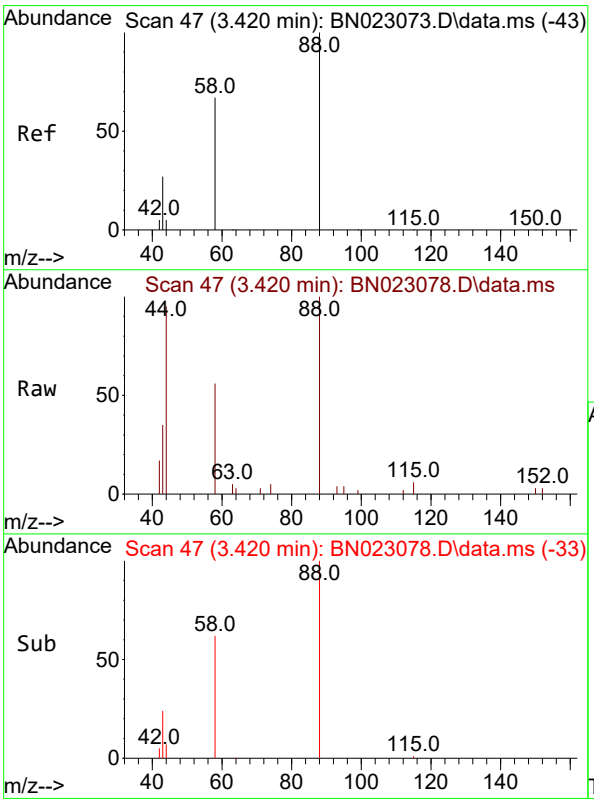
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.035 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:152 Resp: 6421

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.7	188.5
115	61.8	49.4	74.0

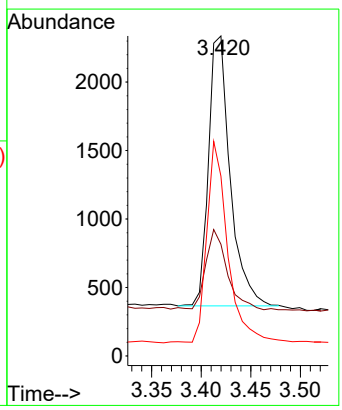


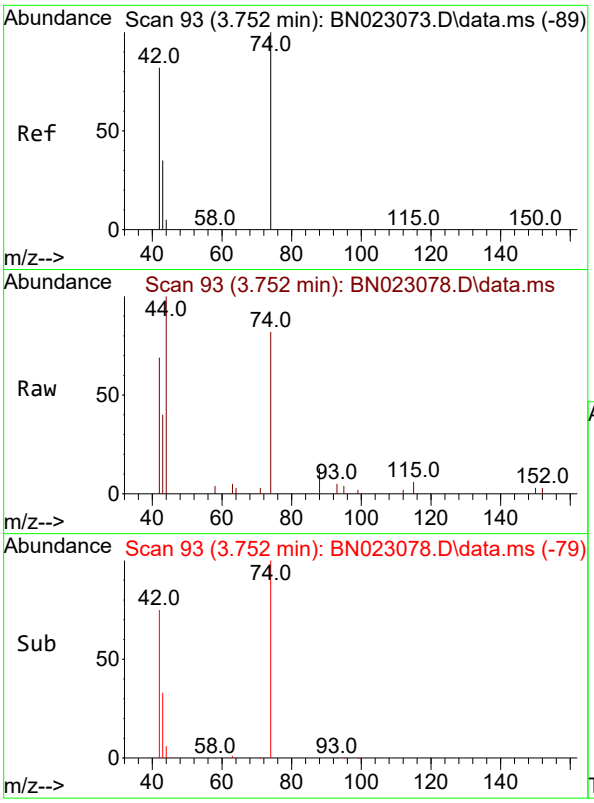


#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.420 min Scan# 47
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion: 88 Resp: 2988

Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.0	33.0
58	72.2	54.6	81.8



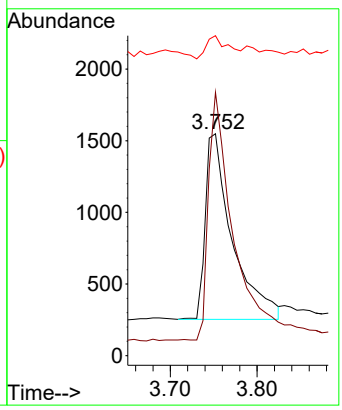


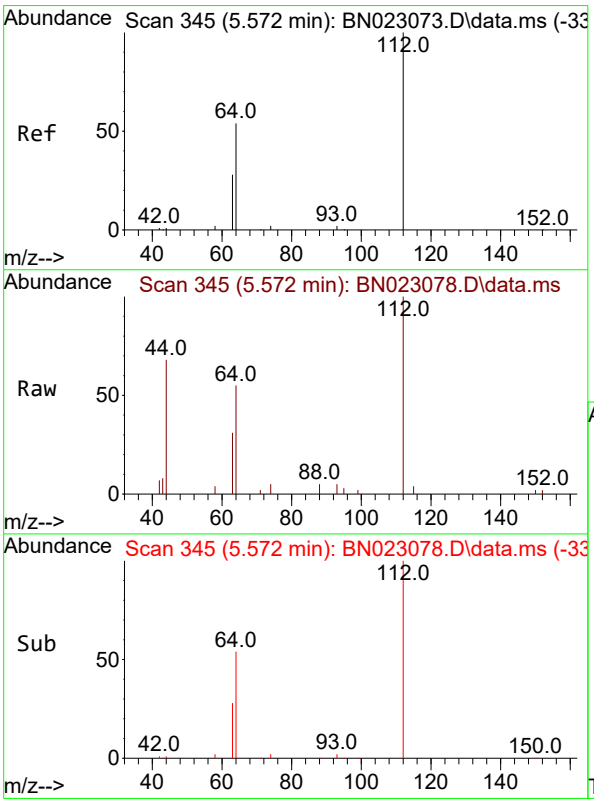
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.752 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion: 42 Resp: 2792

Ion	Ratio	Lower	Upper
42	100		
74	122.5	99.9	149.9
44	10.1	9.0	13.6

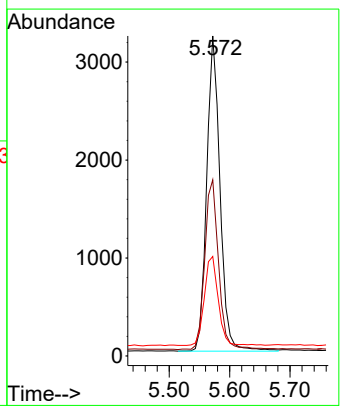


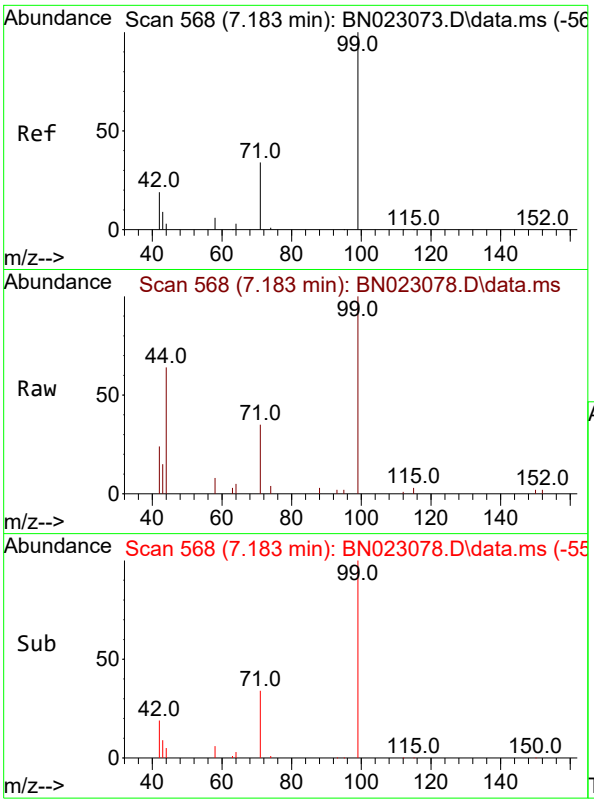


#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.572 min Scan# 345
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:112 Resp: 4940

Ion	Ratio	Lower	Upper
112	100		
64	56.2	45.0	67.6
63	29.4	24.2	36.4



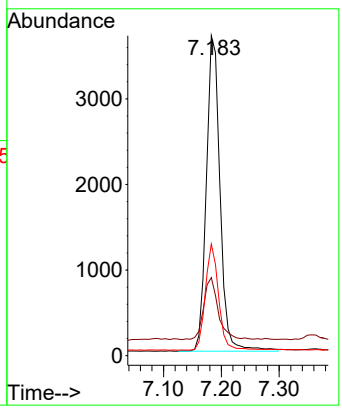


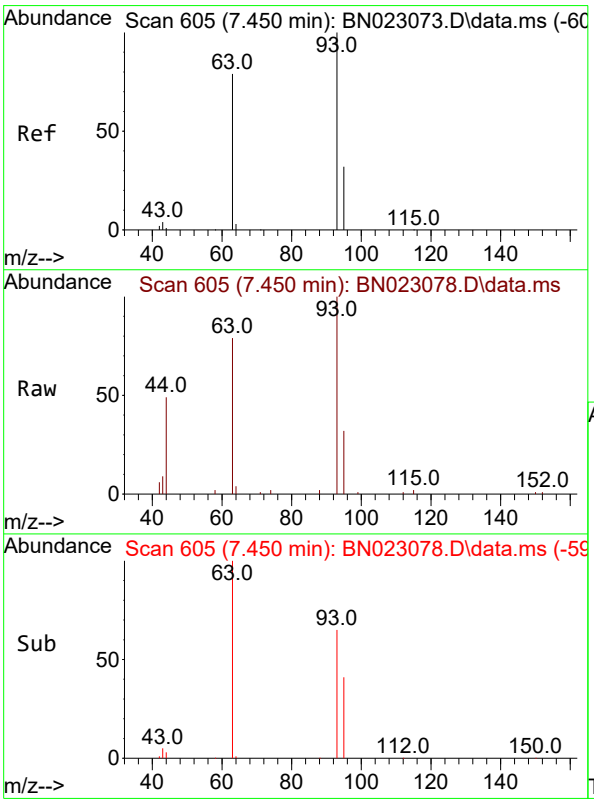
#5
Phenol-d6
Concen: 0.319 ng
RT: 7.183 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion: 99 Resp: 6092

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.1	24.1
71	32.9	26.4	39.6

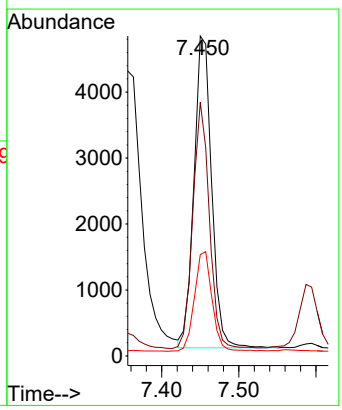


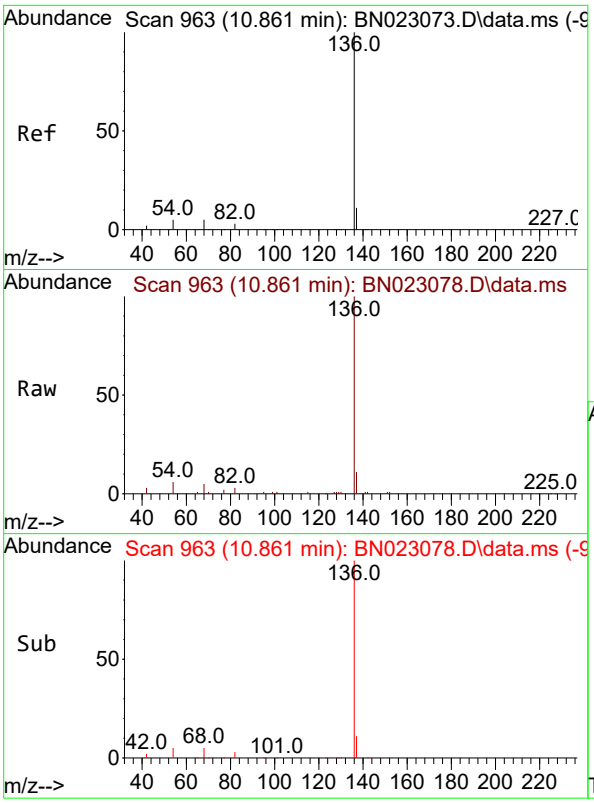


#6
bis(2-Chloroethyl)ether
Concen: 0.366 ng
RT: 7.450 min Scan# 605
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion: 93 Resp: 7540

Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.3	88.9
95	32.1	25.8	38.6



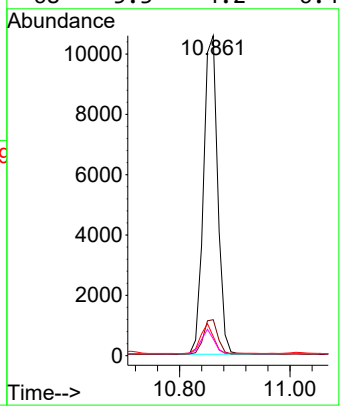


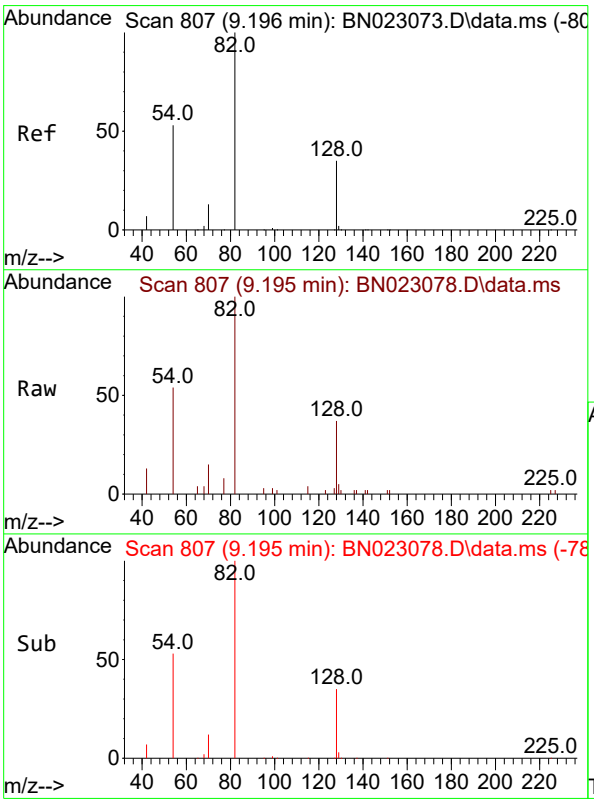
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.861 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:136 Resp: 18955

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.0	4.6	7.0
68	5.3	4.2	6.4

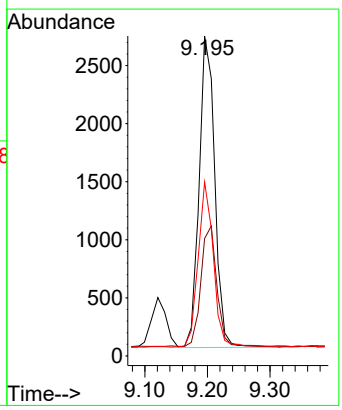


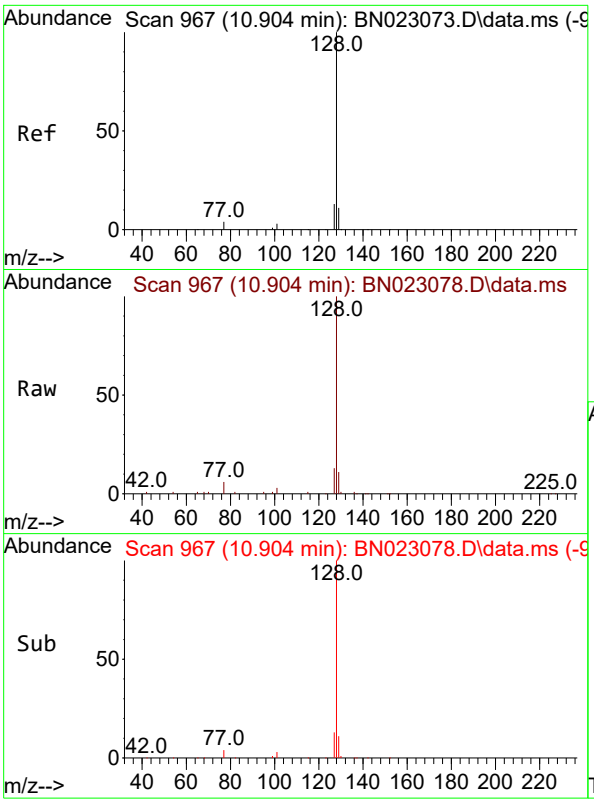


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 9.195 min Scan# 807
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion: 82 Resp: 4660

Ion	Ratio	Lower	Upper
82	100		
128	36.7	28.9	43.3
54	54.3	43.4	65.2



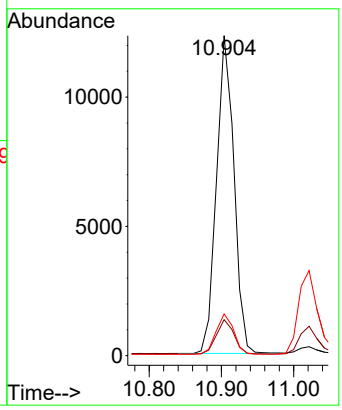


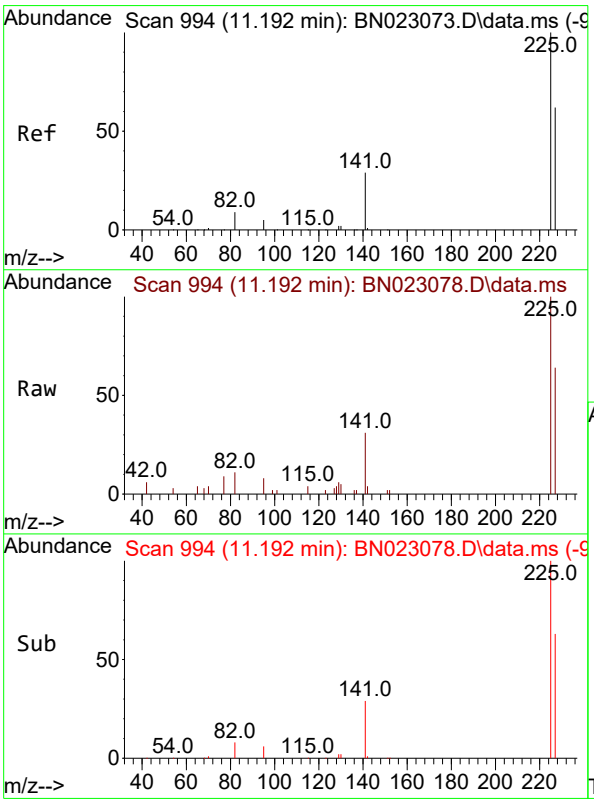
#9
Naphthalene
Concen: 0.366 ng
RT: 10.904 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:128 Resp: 20568

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.1	10.7	16.1

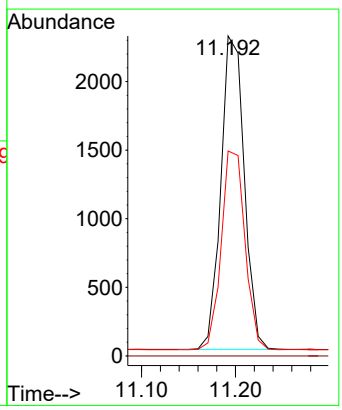


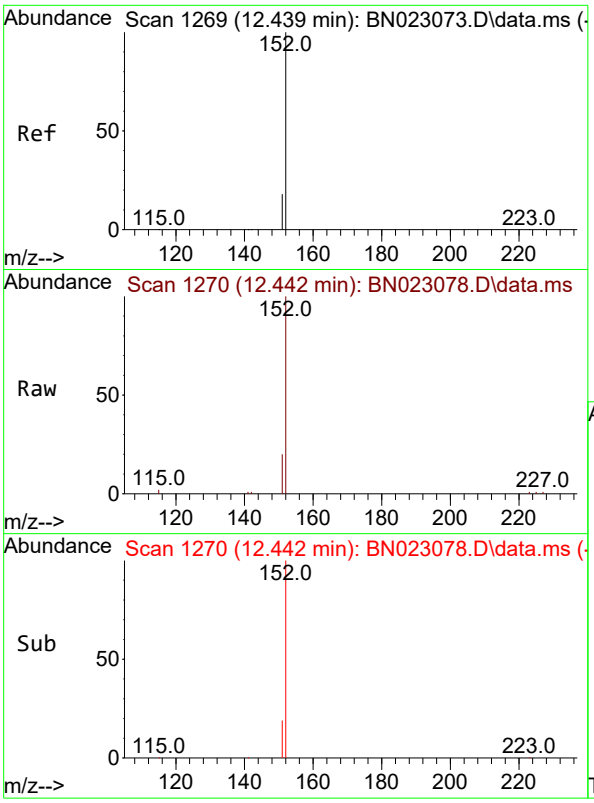


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 11.192 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:225 Resp: 3958

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



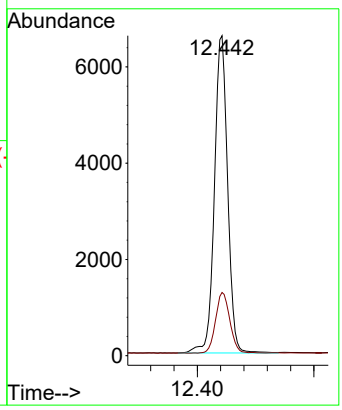


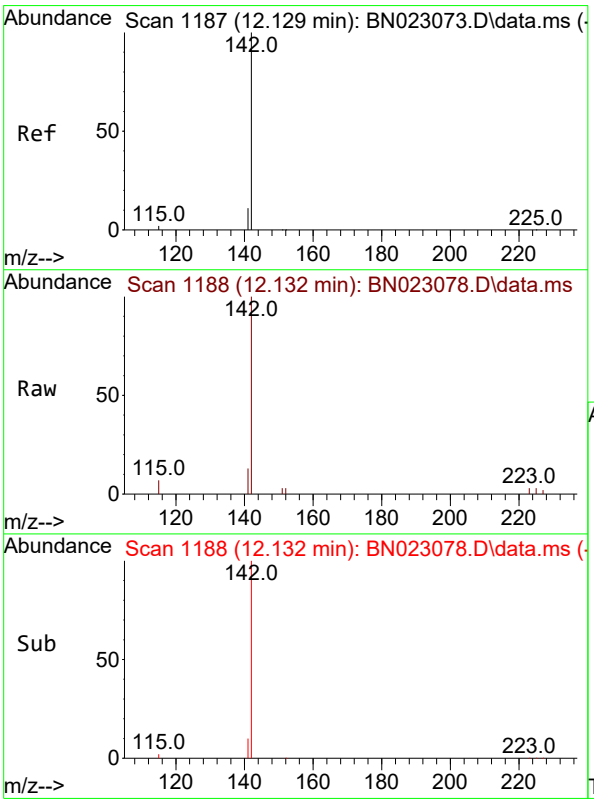
#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.442 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:152 Resp: 11771

Ion	Ratio	Lower	Upper
152	100		
151	19.2	12.4	18.6#

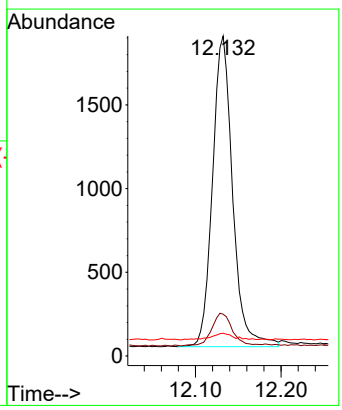


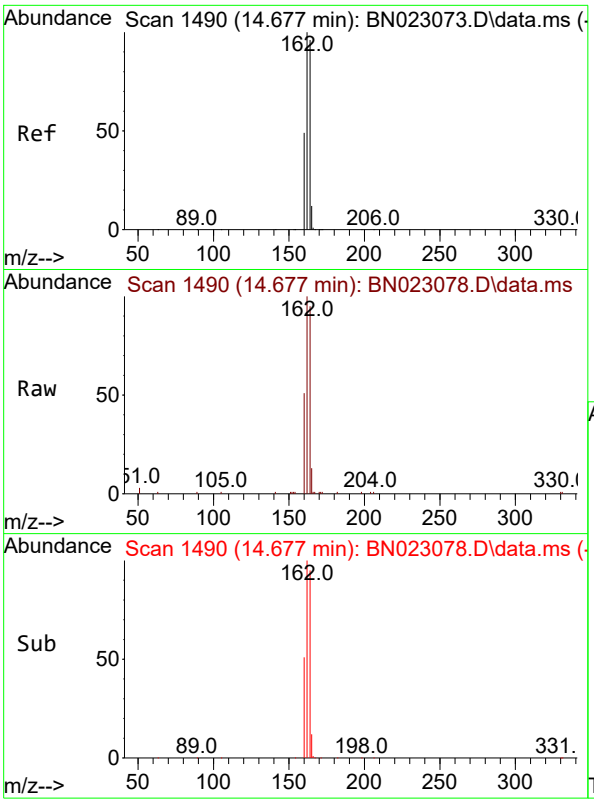


#12
2-Methylnaphthalene
Concen: 0.304 ng
RT: 12.132 min Scan# 1188
Delta R.T. 0.004 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:142 Resp: 3034

Ion	Ratio	Lower	Upper
142	100		
141	13.1	10.2	15.4
115	7.1	4.5	6.7#



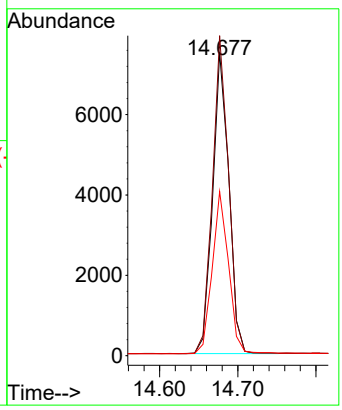


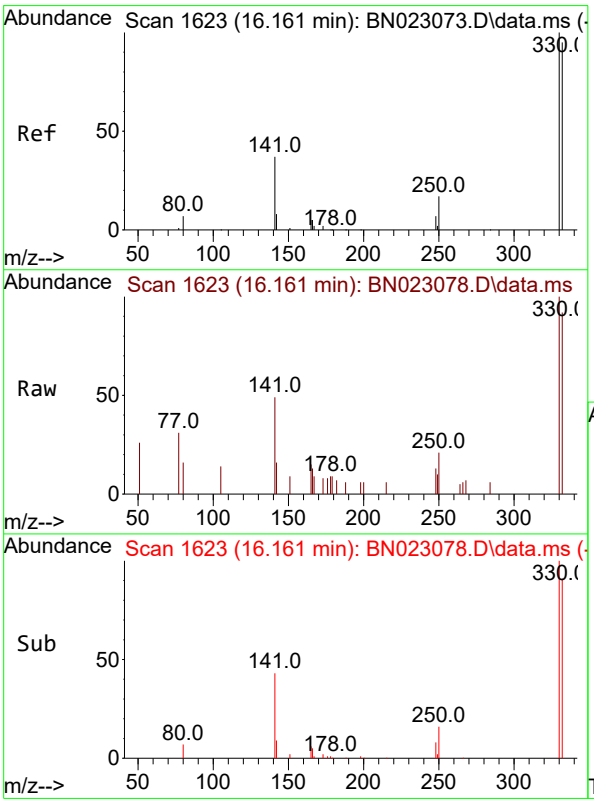
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.677 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:164 Resp: 10798

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.5	125.3
160	54.2	41.4	62.2

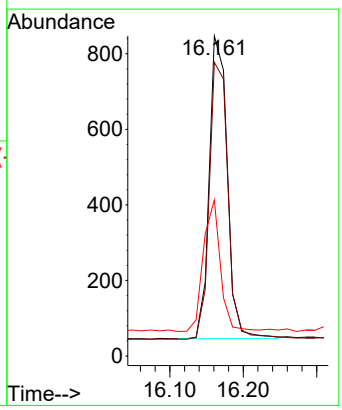


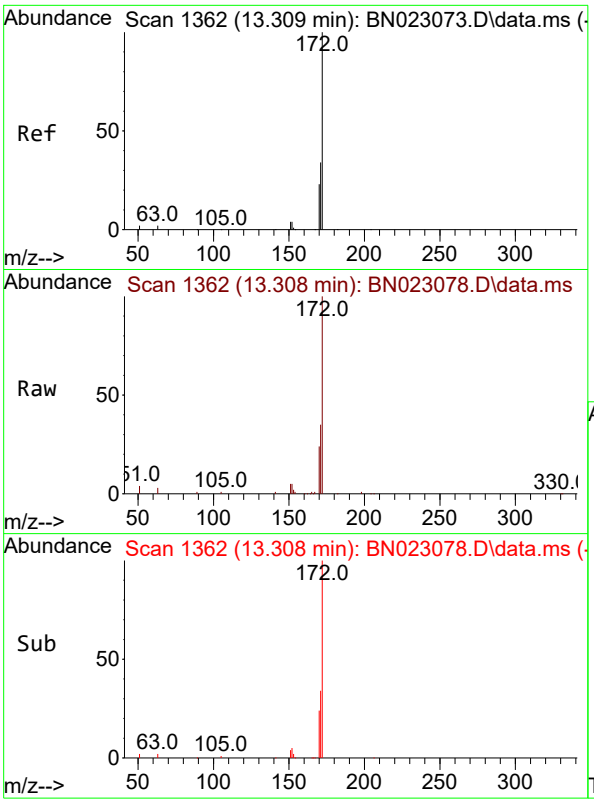


#14
2,4,6-Tribromophenol
Concen: 0.297 ng
RT: 16.161 min Scan# 1623
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:330 Resp: 1367

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	41.3	33.4	50.2



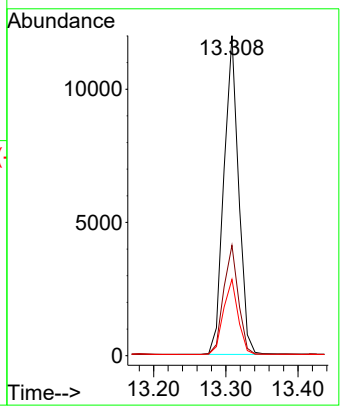


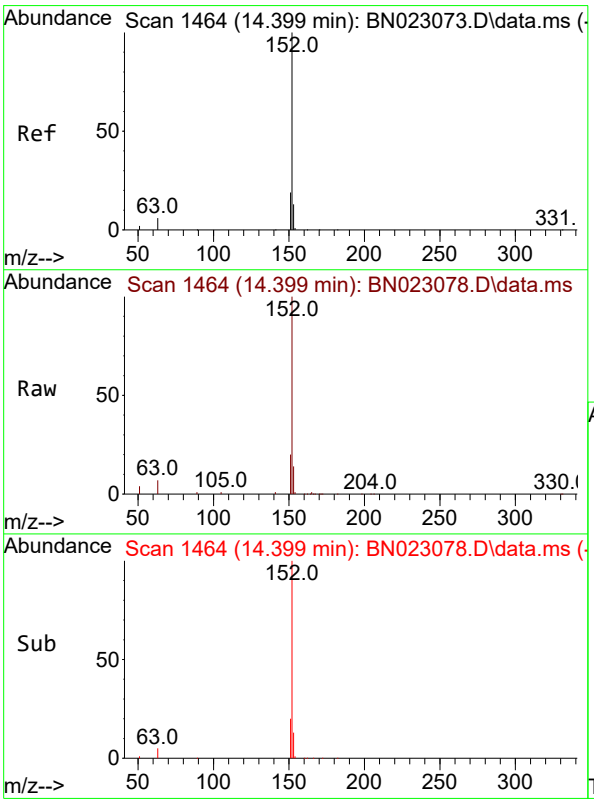
#15
2-Fluorobiphenyl
Concen: 0.354 ng
RT: 13.308 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:172 Resp: 16906

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.1	40.7
170	23.9	18.3	27.5

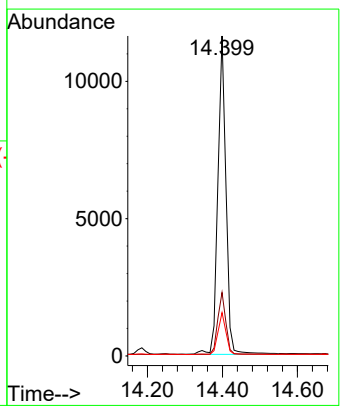


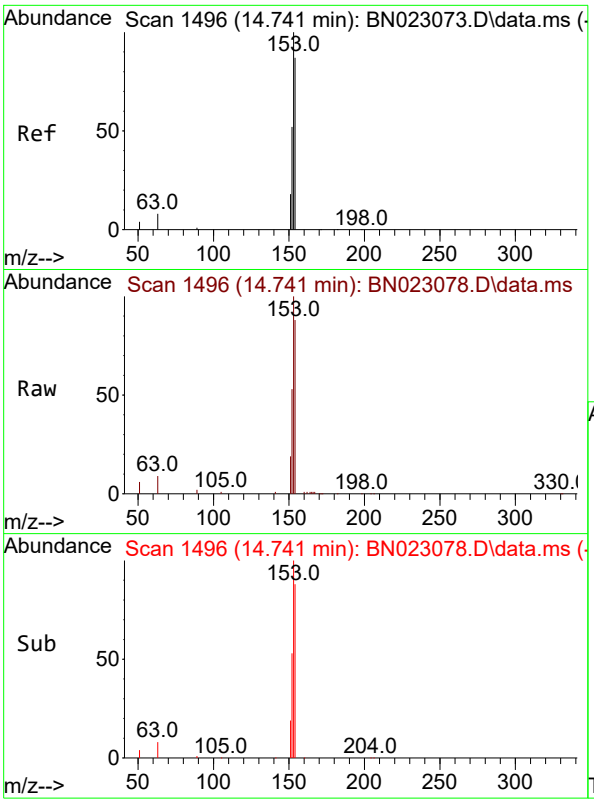


#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.399 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:152 Resp: 17462

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.1	10.2	15.4



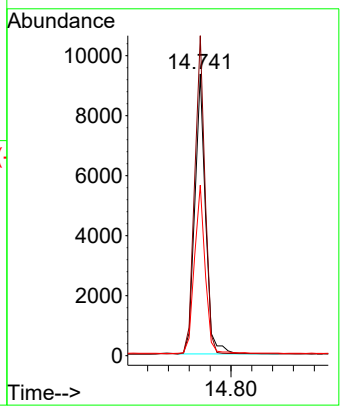


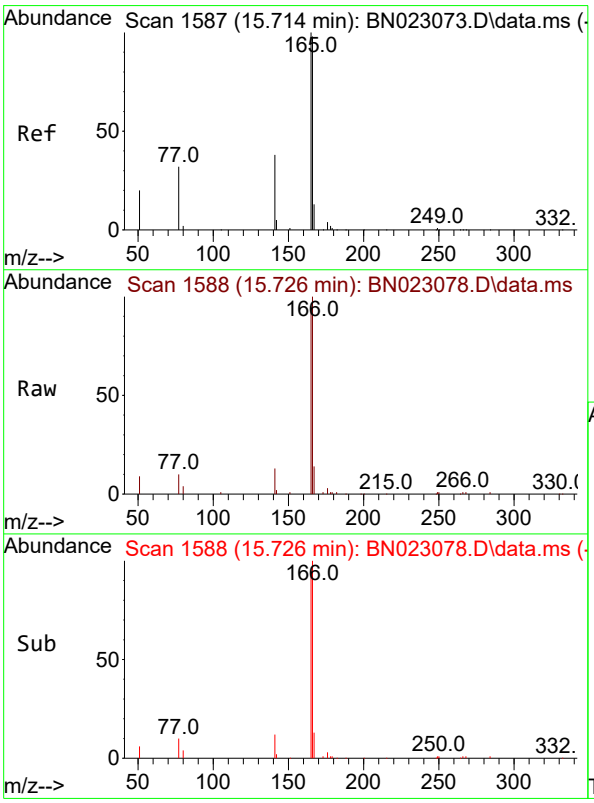
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.741 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:154 Resp: 13391

Ion	Ratio	Lower	Upper
154	100		
153	110.3	88.5	132.7
152	60.2	46.6	70.0

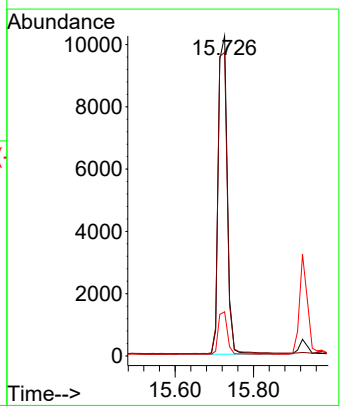


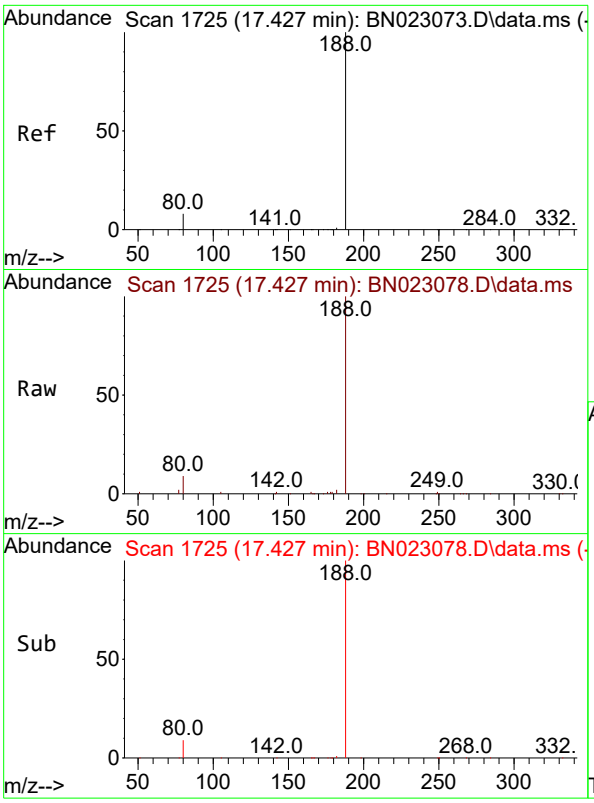


#18
Fluorene
Concen: 0.358 ng
RT: 15.726 min Scan# 1588
Delta R.T. 0.012 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:166 Resp: 15823

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.3	114.5
167	13.8	10.6	16.0



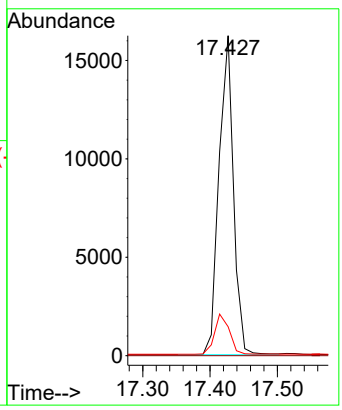


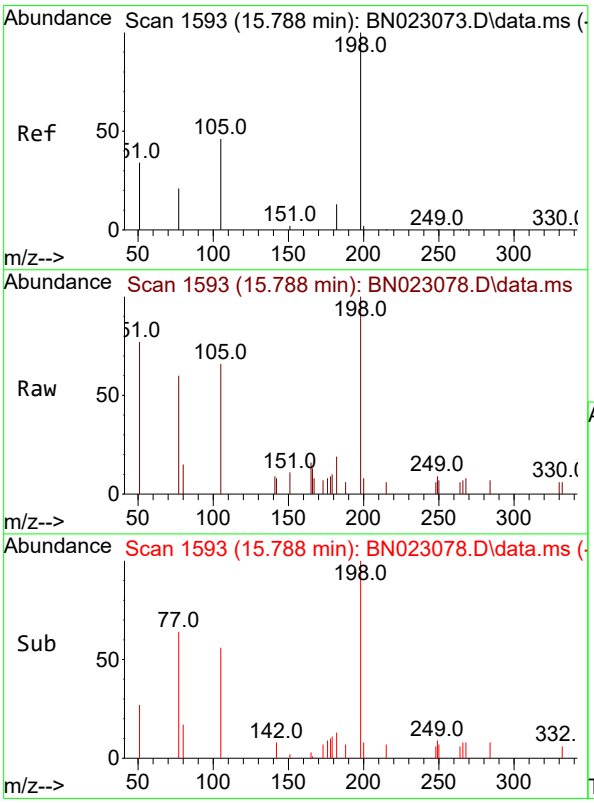
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.427 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:188 Resp: 24146

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.1	6.5	9.7

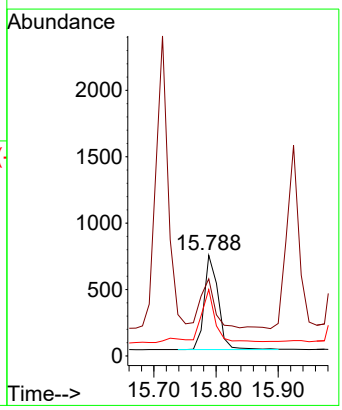


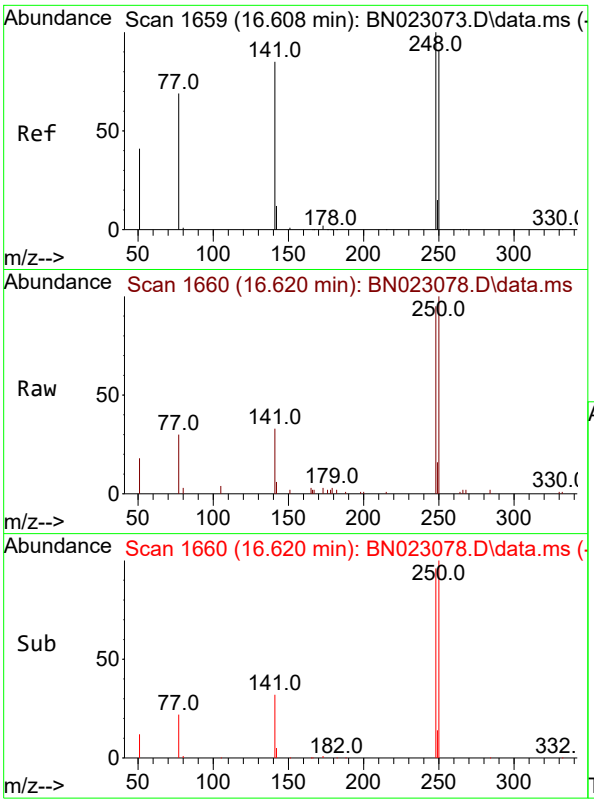


#20
4,6-Dinitro-2-methylphenol
Concen: 0.349 ng
RT: 15.788 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:198 Resp: 1116

Ion	Ratio	Lower	Upper
198	100		
51	76.6	56.6	85.0
105	66.0	45.7	68.5



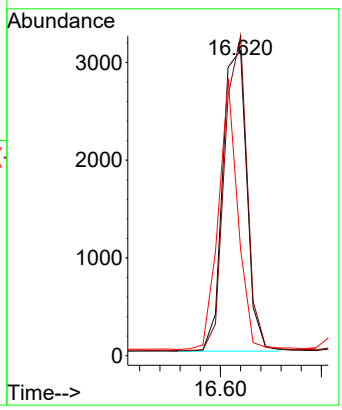


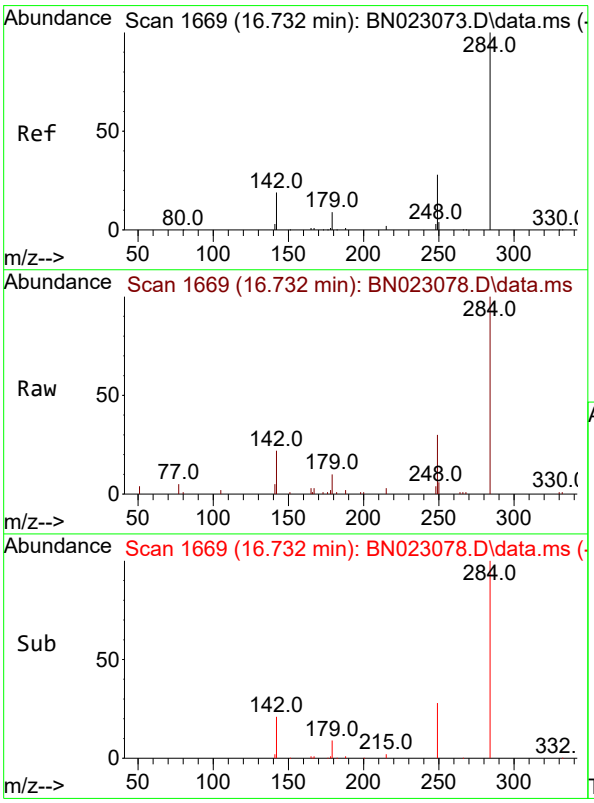
#21
4-Bromophenyl-phenylether
Concen: 0.344 ng
RT: 16.620 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:248 Resp: 5131

Ion	Ratio	Lower	Upper
248	100		
250	104.8	72.7	109.1
141	34.8	68.3	102.5#

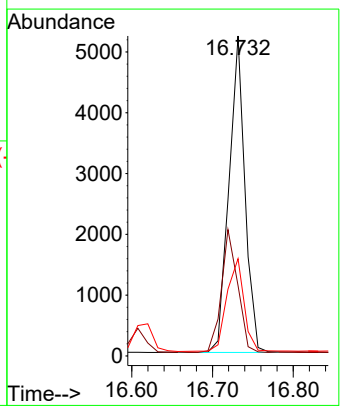


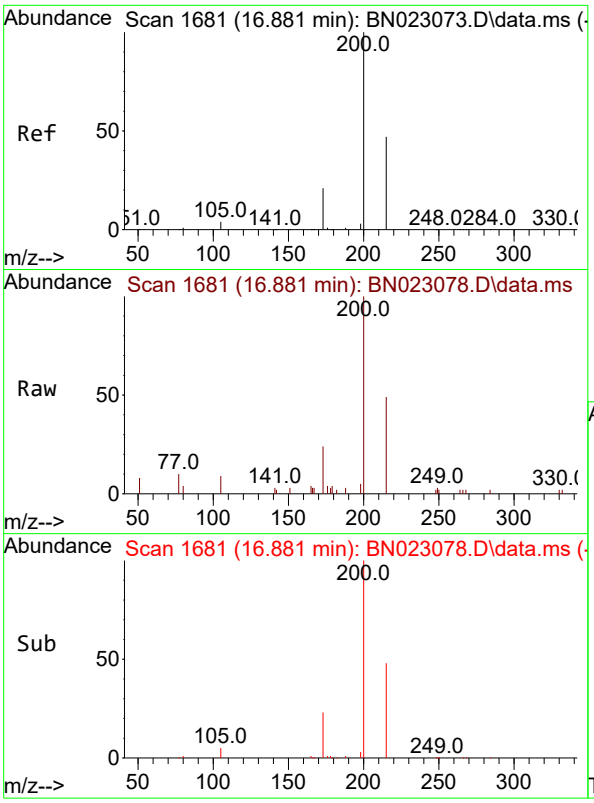


#22
Hexachlorobenzene
Concen: 0.378 ng
RT: 16.732 min Scan# 1669
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:284 Resp: 7139

Ion	Ratio	Lower	Upper
284	100		
142	39.6	31.2	46.8
249	31.5	24.5	36.7



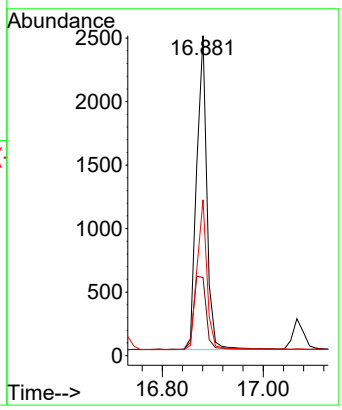


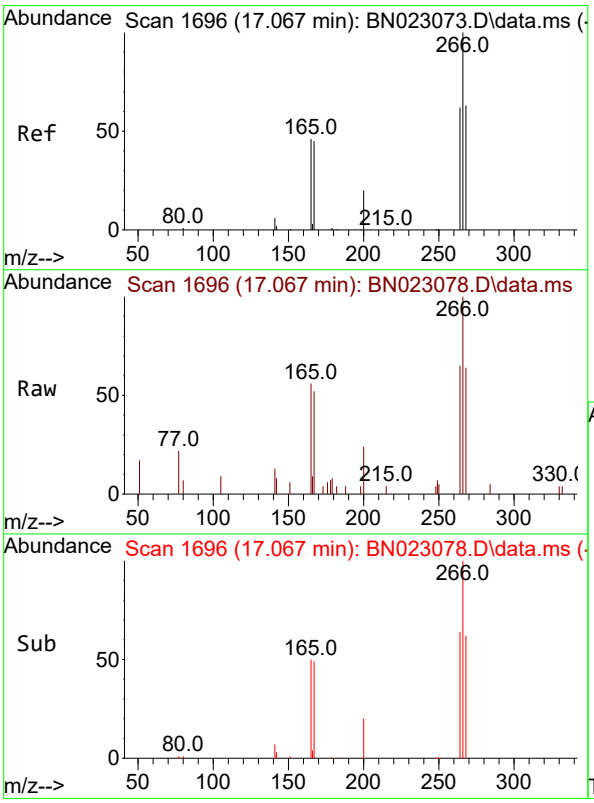
#23
Atrazine
Concen: 0.328 ng
RT: 16.881 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:200 Resp: 3498

Ion	Ratio	Lower	Upper
200	100		
173	24.5	18.0	27.0
215	48.7	37.9	56.9

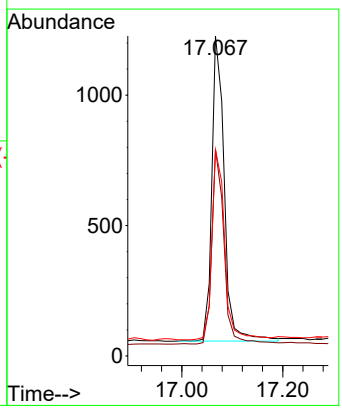


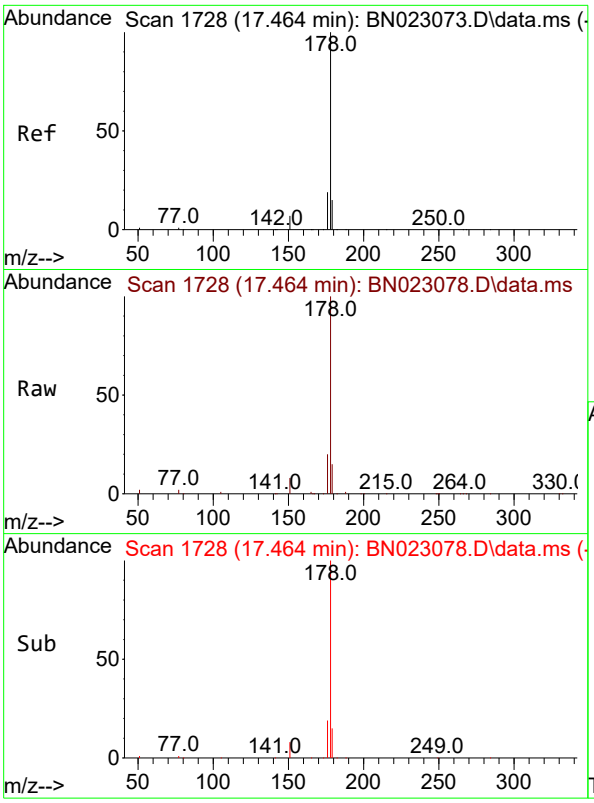


#24
Pentachlorophenol
Concen: 0.383 ng
RT: 17.067 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:266 Resp: 2000

Ion	Ratio	Lower	Upper
266	100		
264	62.2	49.1	73.7
268	63.9	53.8	80.8



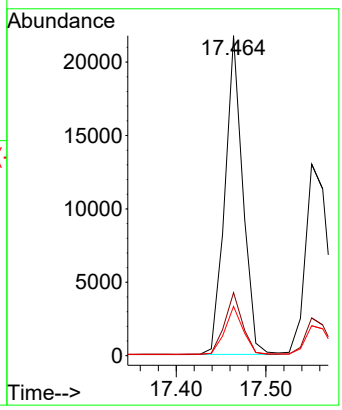


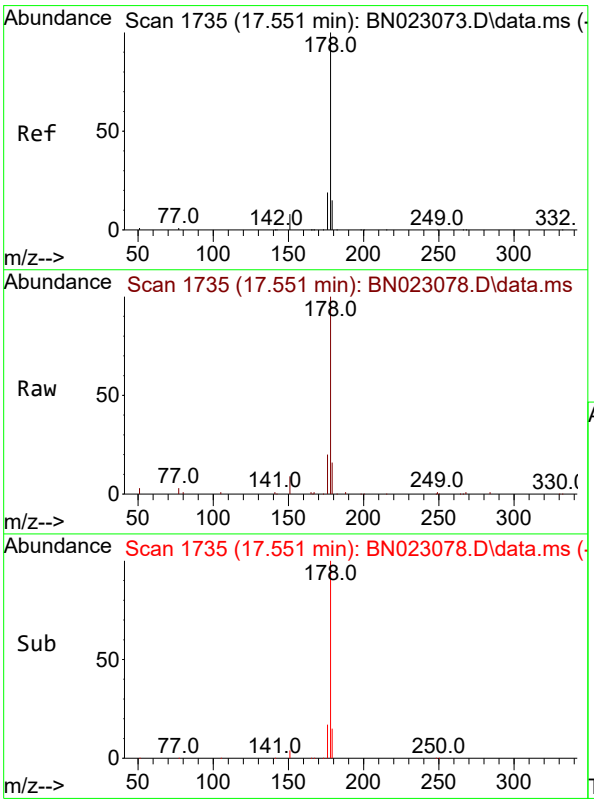
#25
Phenanthrene
Concen: 0.366 ng
RT: 17.464 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:178 Resp: 30110

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	15.3	12.2	18.2

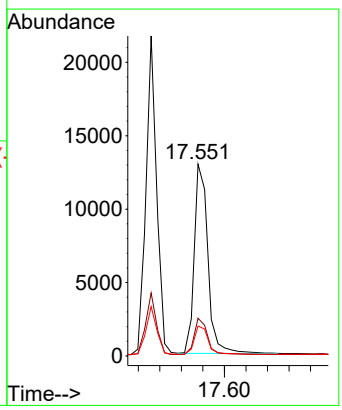


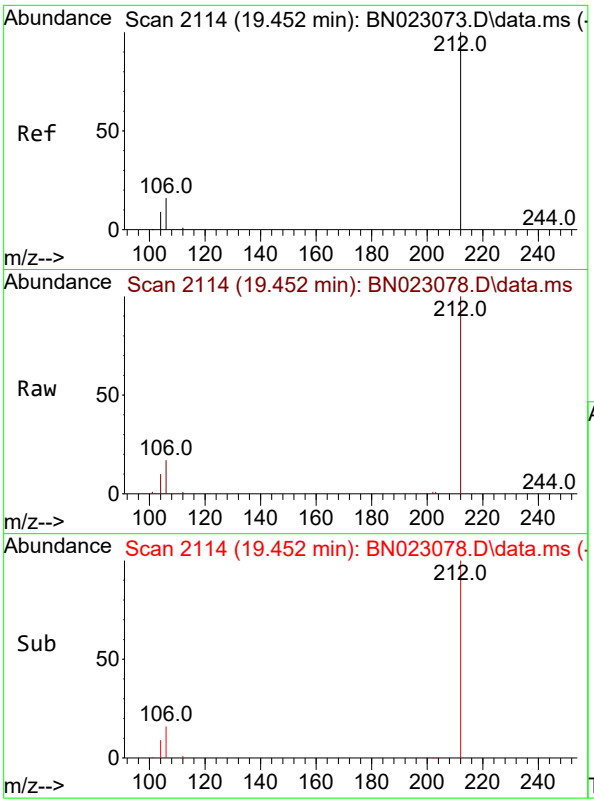


#26
Anthracene
Concen: 0.343 ng
RT: 17.551 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:178 Resp: 22695

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.2	12.4	18.6



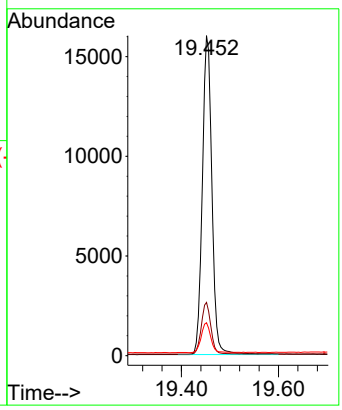


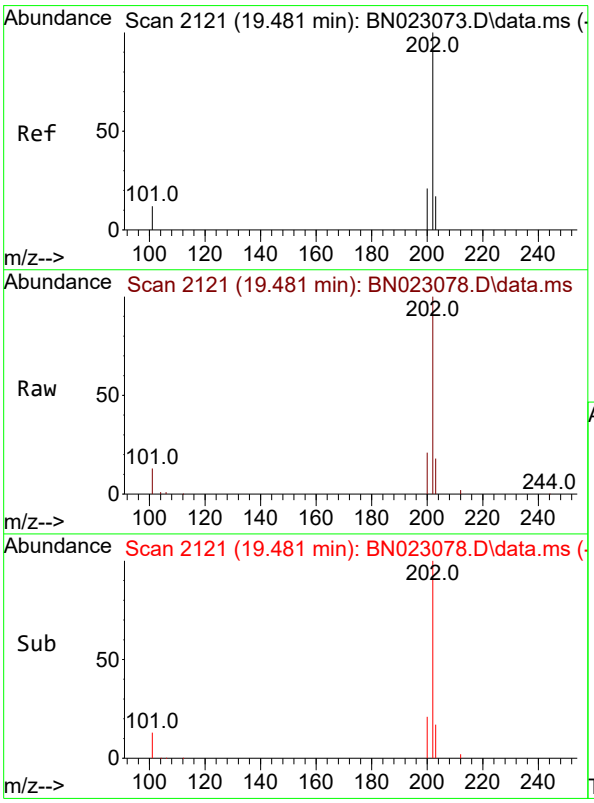
#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.452 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:212 Resp: 21977

Ion	Ratio	Lower	Upper
212	100		
106	16.0	13.0	19.6
104	9.3	7.4	11.0

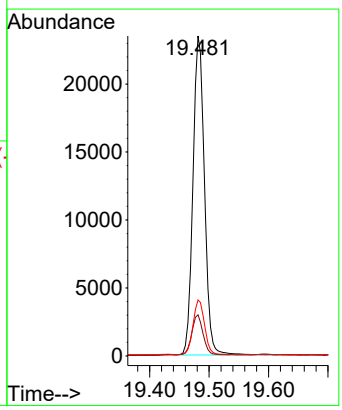


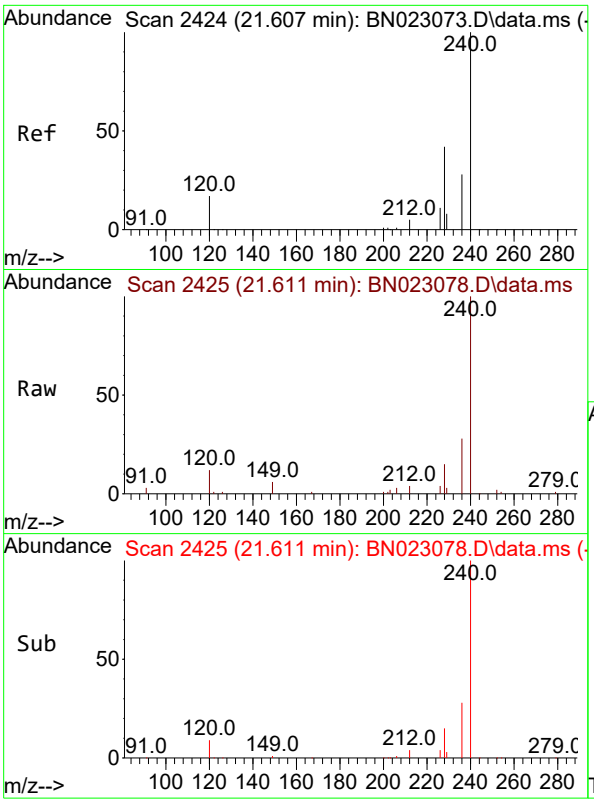


#28
Fluoranthene
Concen: 0.352 ng
RT: 19.481 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:202 Resp: 31543

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.2	15.2
203	17.2	13.7	20.5



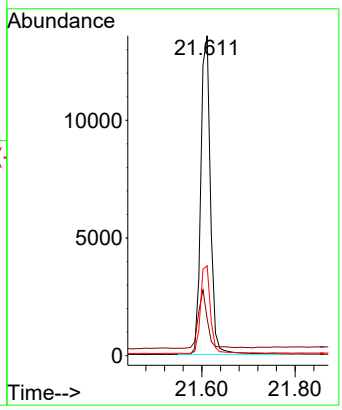


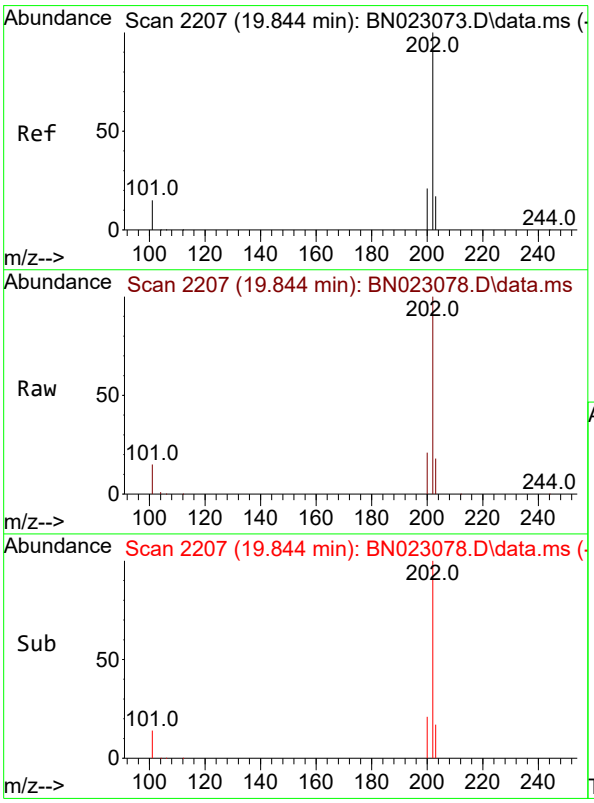
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.611 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:240 Resp: 19626

Ion	Ratio	Lower	Upper
240	100		
120	11.5	14.8	22.2#
236	28.1	22.8	34.2

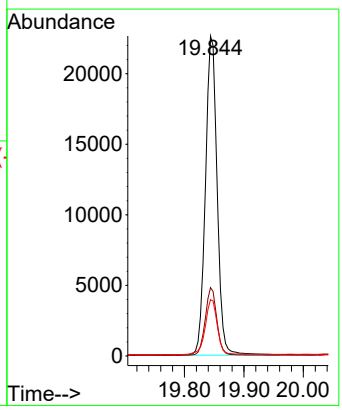


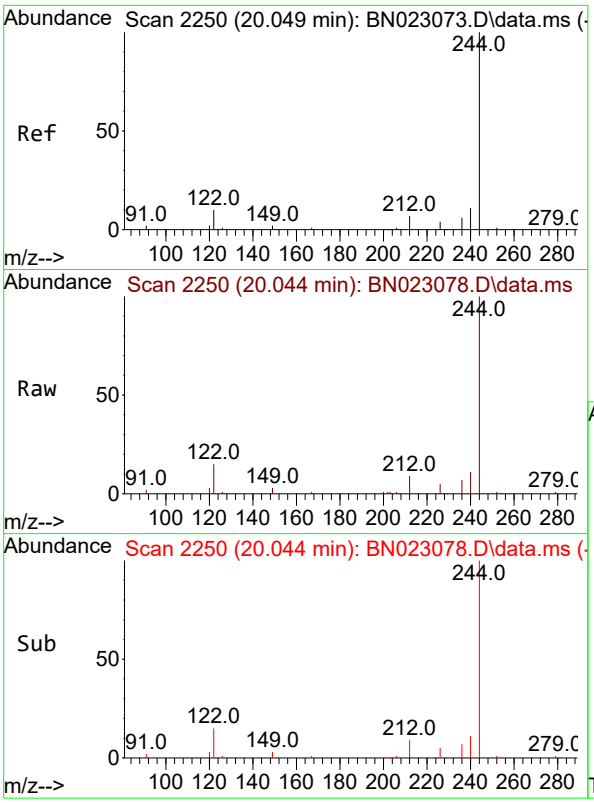


#30
Pyrene
Concen: 0.367 ng
RT: 19.844 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:202 Resp: 30937

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.7	25.1
203	17.7	14.2	21.2



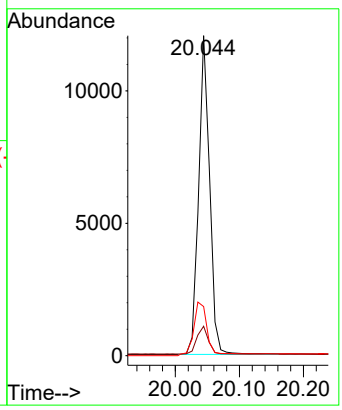


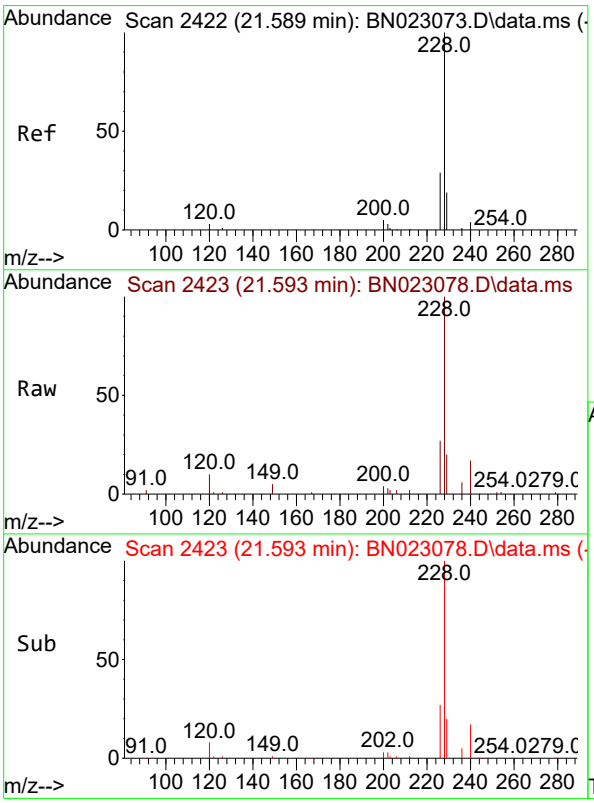
#31
Terphenyl-d14
Concen: 0.345 ng
RT: 20.044 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:244 Resp: 14011

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.2	9.2
122	15.4	8.1	12.1#

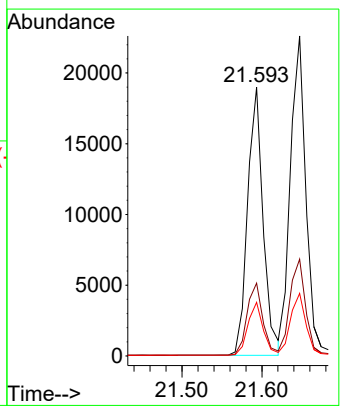


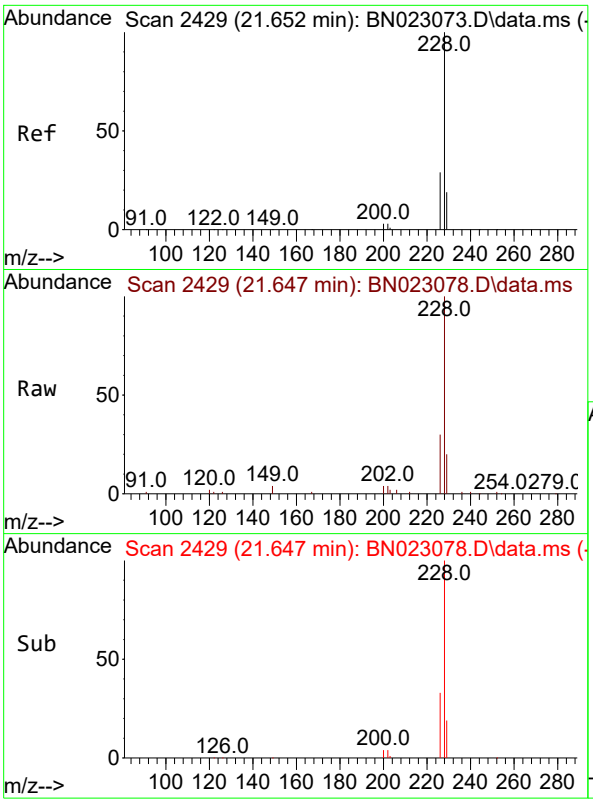


#32
Benzo(a)anthracene
Concen: 0.349 ng
RT: 21.593 min Scan# 2423
Delta R.T. 0.004 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:228 Resp: 25598

Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.0	34.4
229	19.9	15.4	23.0



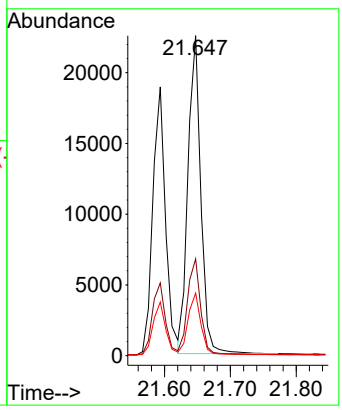


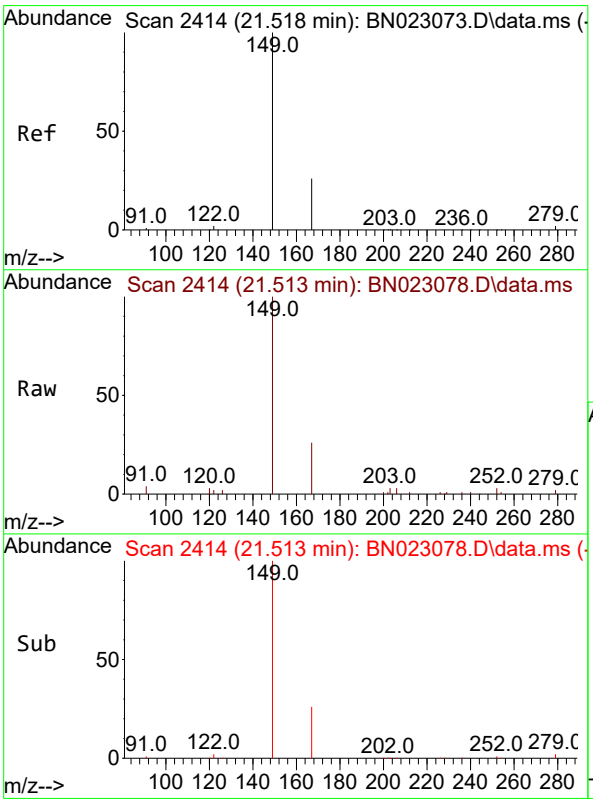
#33
Chrysene
Concen: 0.377 ng
RT: 21.647 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:228 Resp: 30359

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.7	35.5
229	19.5	15.7	23.5

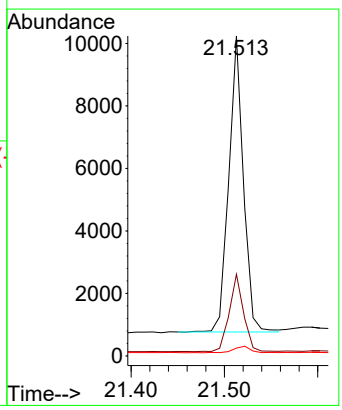


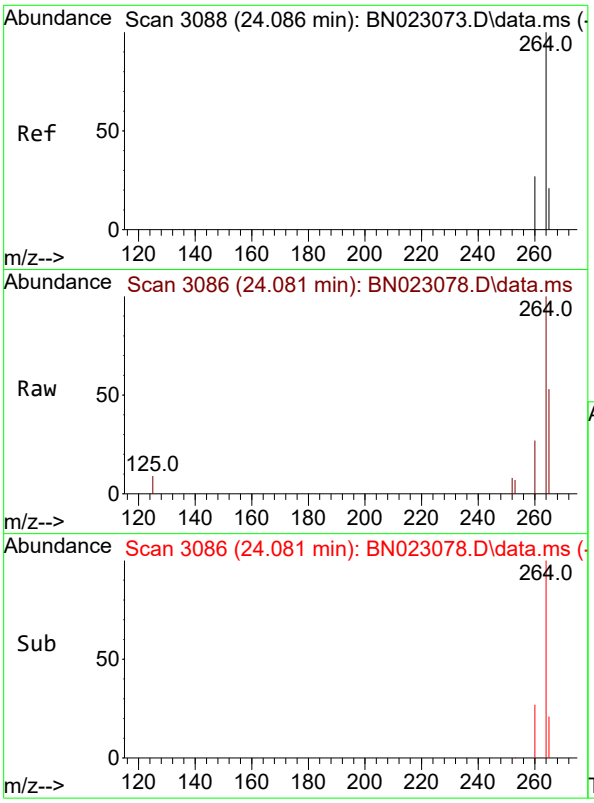


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.513 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:149 Resp: 10331

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.6	31.0
279	2.7	2.2	3.2



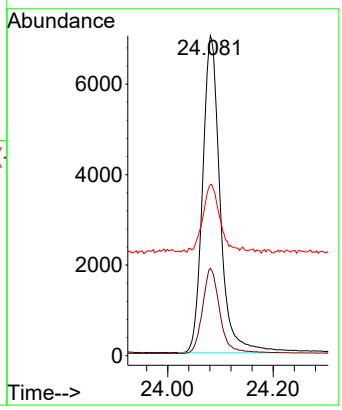


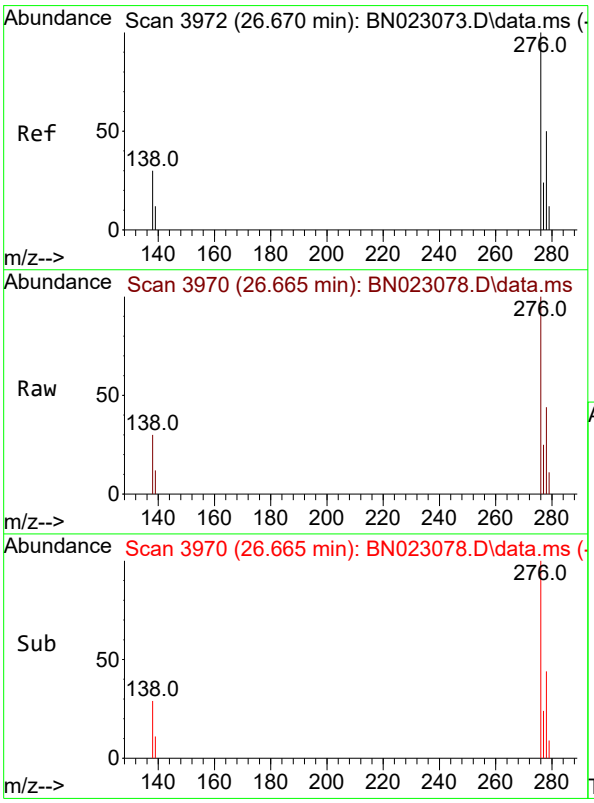
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.081 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:264 Resp: 16142

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.4	32.2
265	53.5	34.6	52.0#

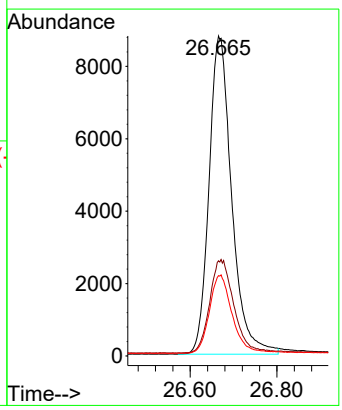


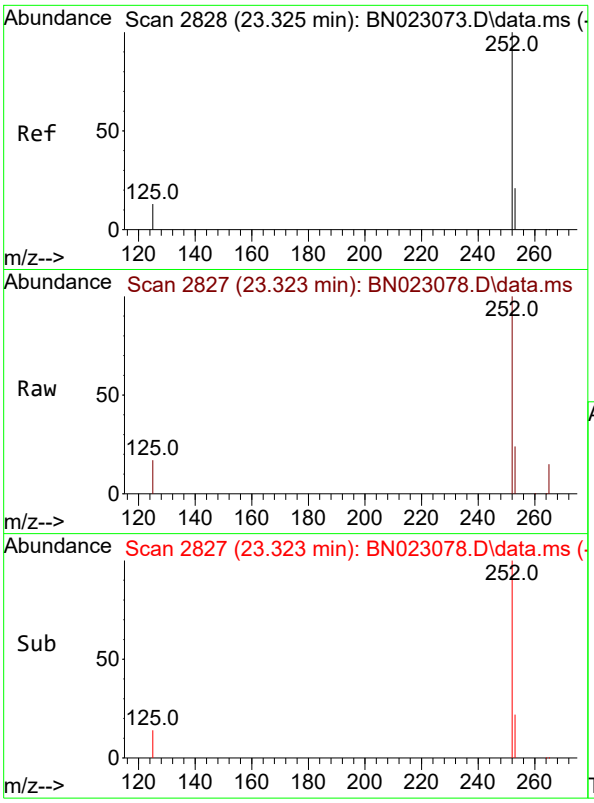


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng
RT: 26.665 min Scan# 3970
Delta R.T. -0.005 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:276 Resp: 31883

Ion	Ratio	Lower	Upper
276	100		
138	30.9	24.8	37.2
277	24.7	19.6	29.4



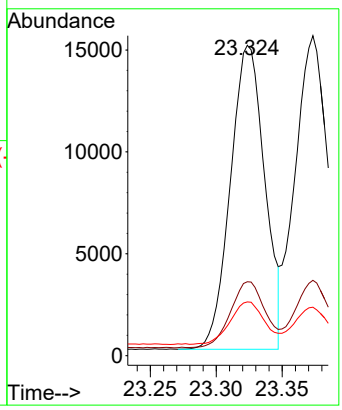


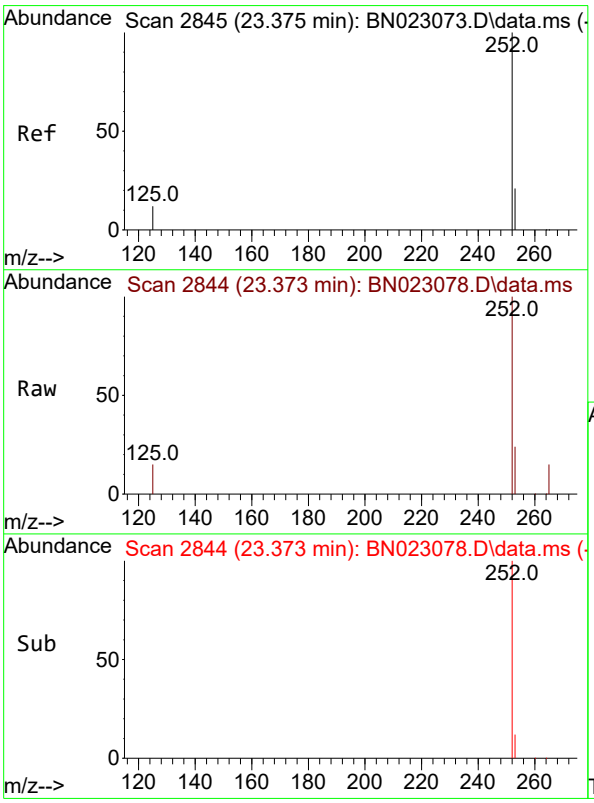
#37
Benzo(b)fluoranthene
Concen: 0.364 ng
RT: 23.323 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:252 Resp: 27056

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	17.3	12.1	18.1

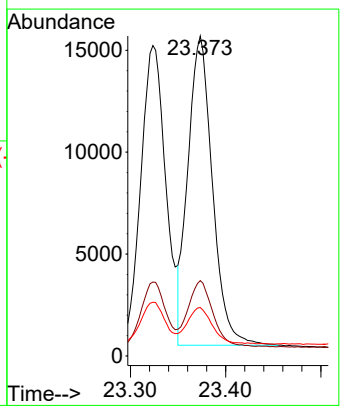


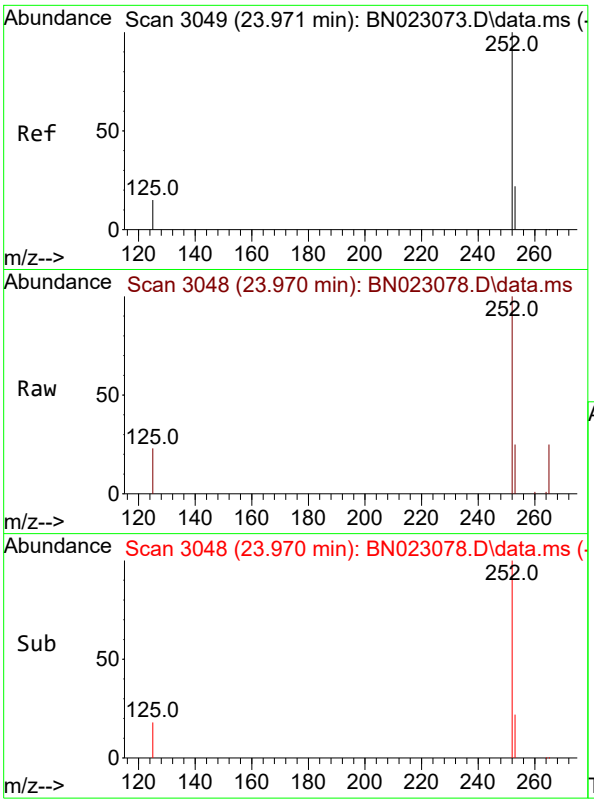


#38
Benzo(k)fluoranthene
Concen: 0.358 ng
RT: 23.373 min Scan# 2844
Delta R.T. -0.002 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:252 Resp: 27159

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.5	27.7
125	15.2	11.6	17.4



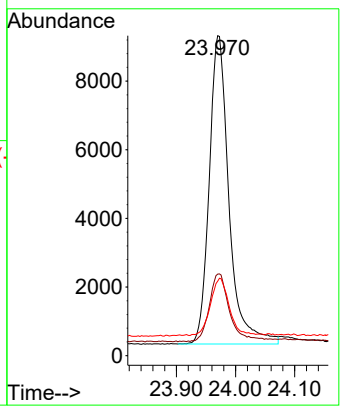


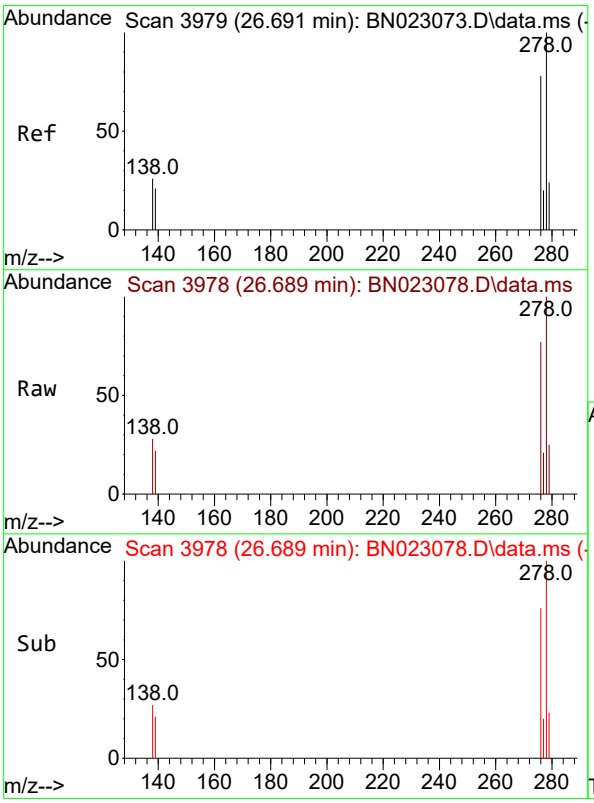
#39
Benzo(a)pyrene
Concen: 0.347 ng
RT: 23.970 min Scan# 3
Delta R.T. -0.002 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:252 Resp: 20907

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.6	29.4
125	23.3	15.3	22.9#

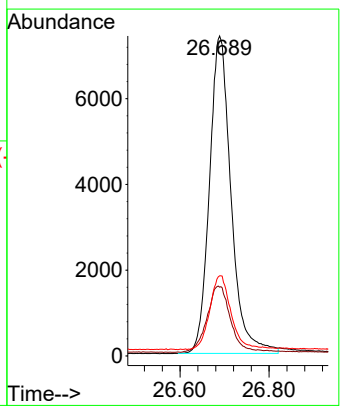


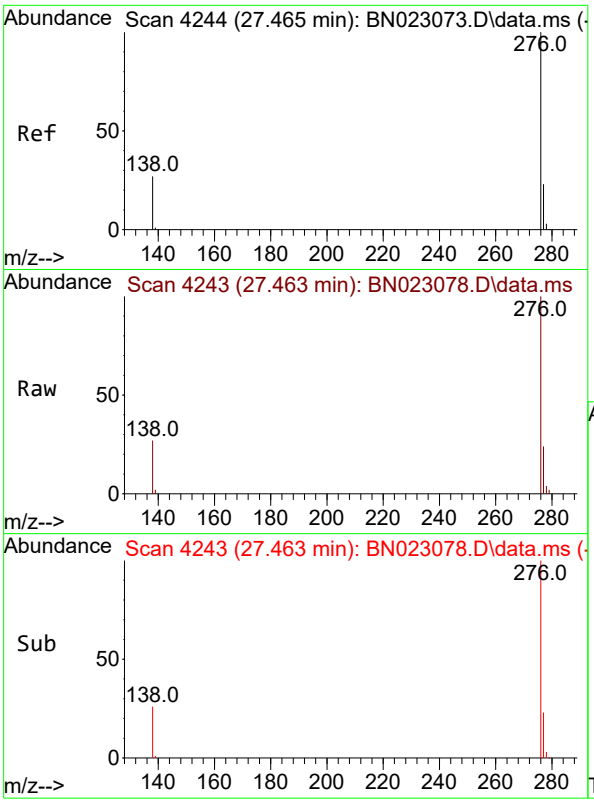


#40
Dibenzo(a,h)anthracene
Concen: 0.363 ng
RT: 26.689 min Scan# 3978
Delta R.T. -0.002 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Tgt Ion:278 Resp: 24972

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.4	26.2
279	25.1	20.1	30.1





#41
Benzo(g,h,i)perylene
Concen: 0.355 ng
RT: 27.463 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN023078.D
Acq: 06 Dec 2022 17:45

Instrument :
BNA_N
ClientSampleId :
ICVBN120622

Tgt Ion:276 Resp: 25355

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	27.4	21.8	32.8