Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030853.D
Acq On : 11 Apr 2024 21:55
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Quant Time: Apr 12 01:12:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 01:10:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	6116	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	18670	0.400	ng		0.00
13) Acenaphthene-d10	14.316	164	11190	0.400	ng		0.00
19) Phenanthrene-d10	17.065	188	26742	0.400	ng		0.00
29) Chrysene-d12	21.258	240	21121	0.400	ng		0.00
35) Perylene-d12	23.486	264	16996	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	5529	0.384	ng		0.00
5) Phenol-d6	6.844	99	6532	0.362	ng		0.00
8) Nitrobenzene-d5	8.819	82	5478	0.406	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	12008	0.406	ng		0.00
14) 2,4,6-Tribromophenol	15.811	330	1612	0.330	ng		0.00
15) 2-Fluorobiphenyl	12.937	172	16958	0.428	ng		0.00
27) Fluoranthene-d10	19.098	212	28882	0.399	ng		0.00
31) Terphenyl-d14	19.702	244	24296	0.449	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	2936	0.424	ng		96
3) n-Nitrosodimethylamine	3.529	42	2804	0.396	ng		98
6) bis(2-Chloroethyl)ether	7.104	93	6859	0.400	ng		99
9) Naphthalene	10.506	128	20708	0.400	ng		100
10) Hexachlorobutadiene	10.784	225	4007	0.388	ng	#	99
12) 2-Methylnaphthalene	12.122	142	13959	0.398	ng		100
16) Acenaphthylene	14.028	152	21150	0.416	ng		100
17) Acenaphthene	14.370	154	13776	0.397	ng		100
18) Fluorene	15.364	166	18375	0.396	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	867	0.396	ng		88
21) 4-Bromophenyl-phenylether	16.258	248	6154	0.386	ng		99
22) Hexachlorobenzene	16.358	284	7295	0.393	ng		100
23) Atrazine	16.531	200	4196	0.358	ng		99
24) Pentachlorophenol	16.718	266	1796	0.394	ng		88
25) Phenanthrene	17.102	178	32027	0.408	ng		100
26) Anthracene	17.189	178	26198	0.391	ng		99
28) Fluoranthene	19.131	202	36025	0.384	ng		100
30) Pyrene	19.493	202	36004	0.396	ng		100
32) Benzo(a)anthracene	21.240	228	29475	0.393	ng		98
33) Chrysene	21.294	228	32357	0.412	ng		99
34) Bis(2-ethylhexyl)phtha...	21.177	149	12549	0.325	ng		100
36) Indeno(1,2,3-cd)pyrene	25.735	276	27519	0.409	ng		100
37) Benzo(b)fluoranthene	22.814	252	28762	0.401	ng		99
38) Benzo(k)fluoranthene	22.861	252	28573	0.416	ng		99
39) Benzo(a)pyrene	23.390	252	23868	0.406	ng		96
40) Dibenzo(a,h)anthracene	25.752	278	21648	0.405	ng		98
41) Benzo(g,h,i)perylene	26.419	276	22661	0.390	ng		100

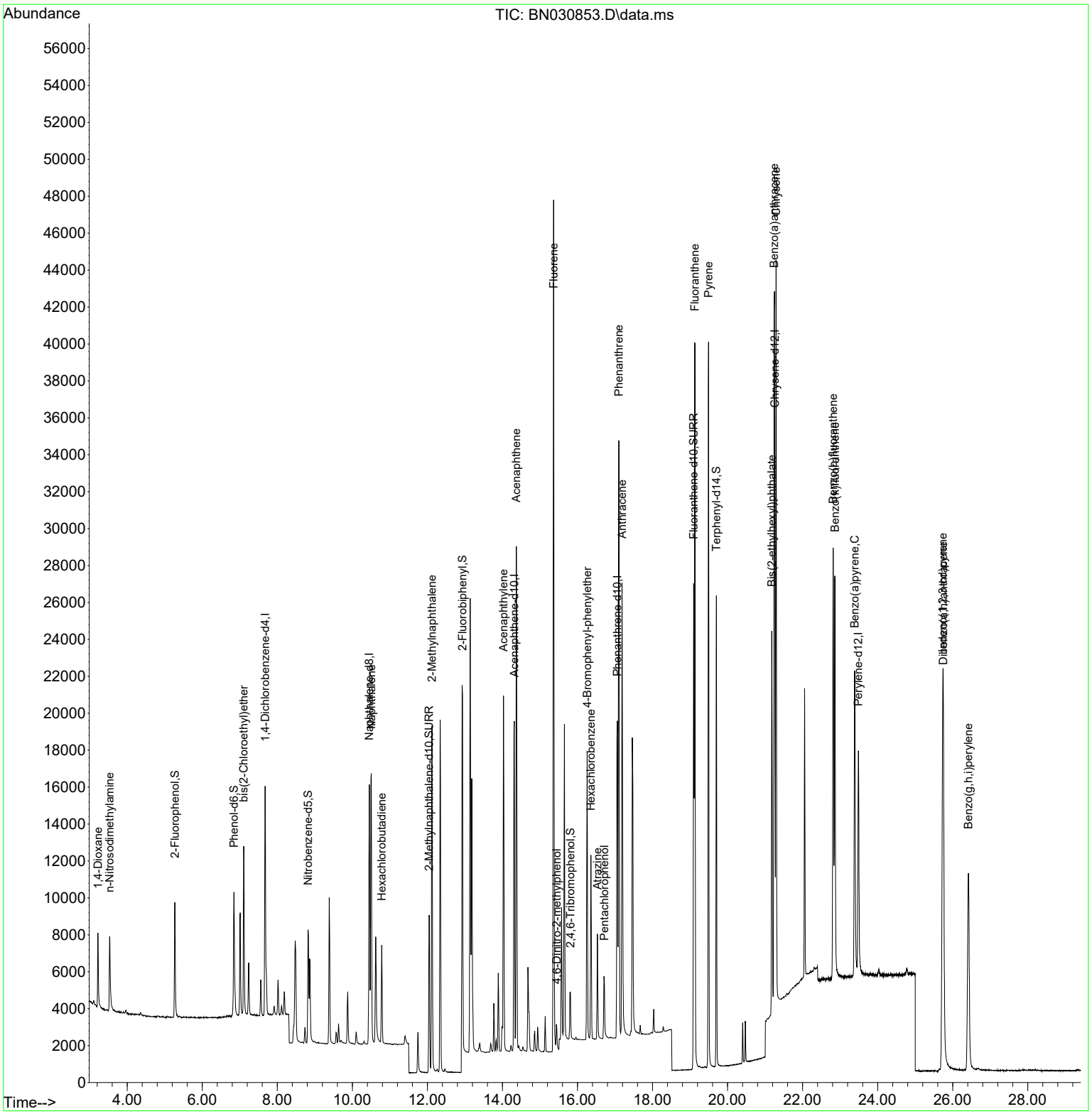
(#) = qualifier out of range (m) = manual integration (+) = signals summed

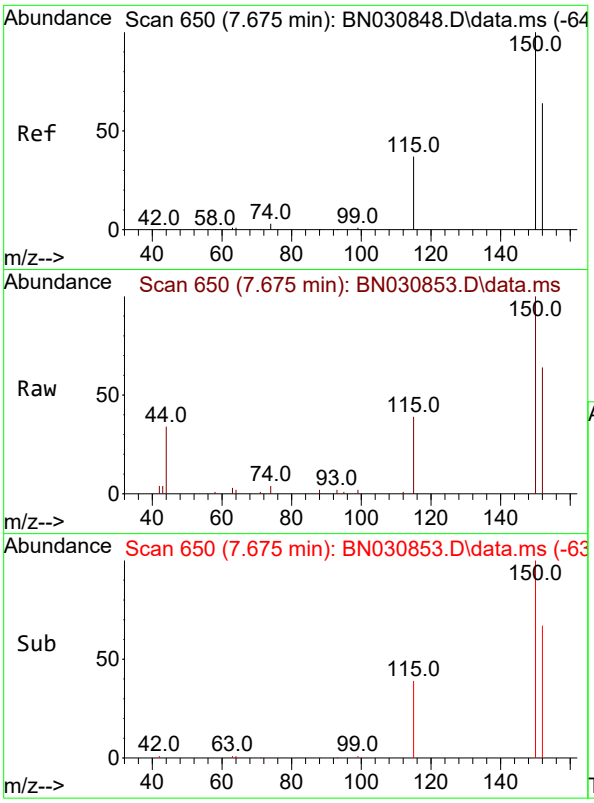
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041124\
Data File : BN030853.D
Acq On : 11 Apr 2024 21:55
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Quant Time: Apr 12 01:12:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 12 01:10:04 2024
Response via : Initial Calibration



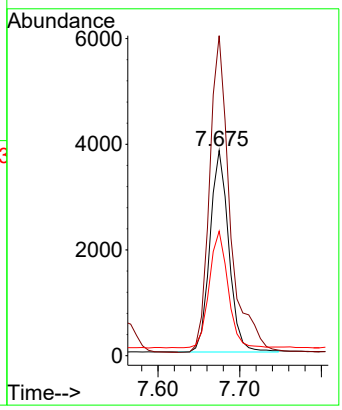


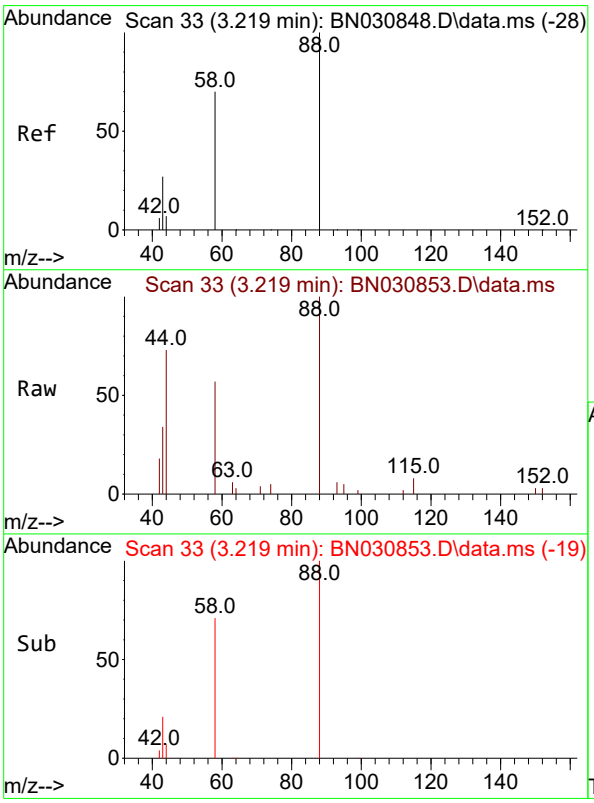
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.675 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:152 Resp: 6116

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.8	187.2
115	60.7	48.1	72.1

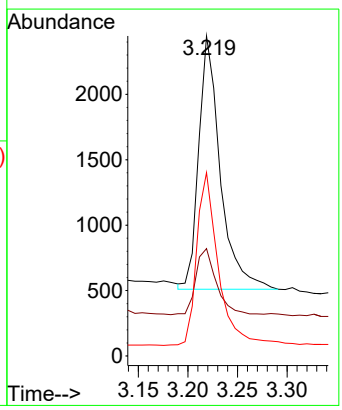


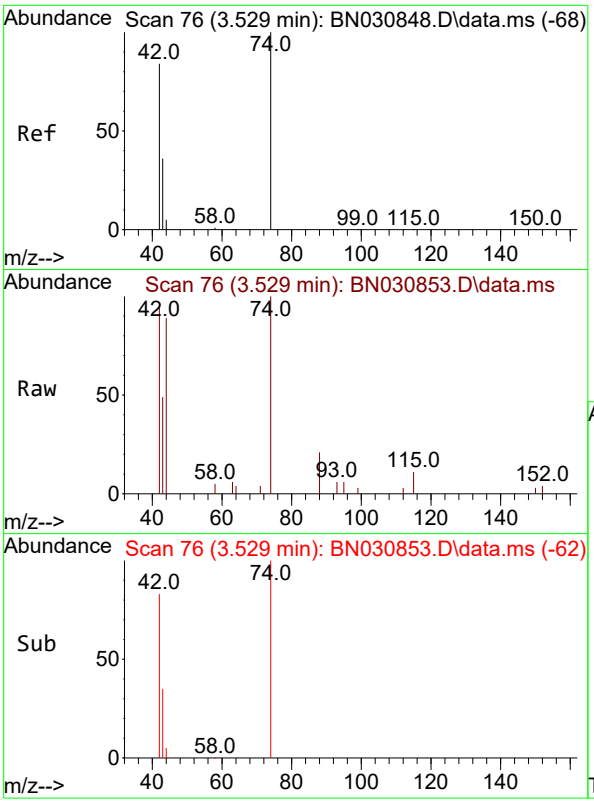


#2
1,4-Dioxane
Concen: 0.424 ng
RT: 3.219 min Scan# 33
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion: 88 Resp: 2936

Ion	Ratio	Lower	Upper
88	100		
43	25.0	19.9	29.9
58	68.4	51.4	77.2



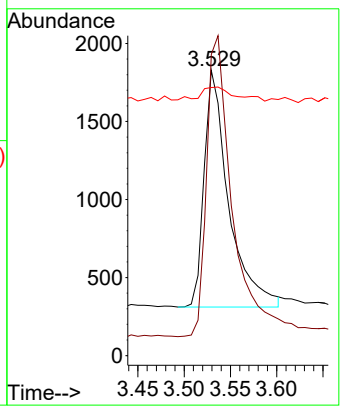


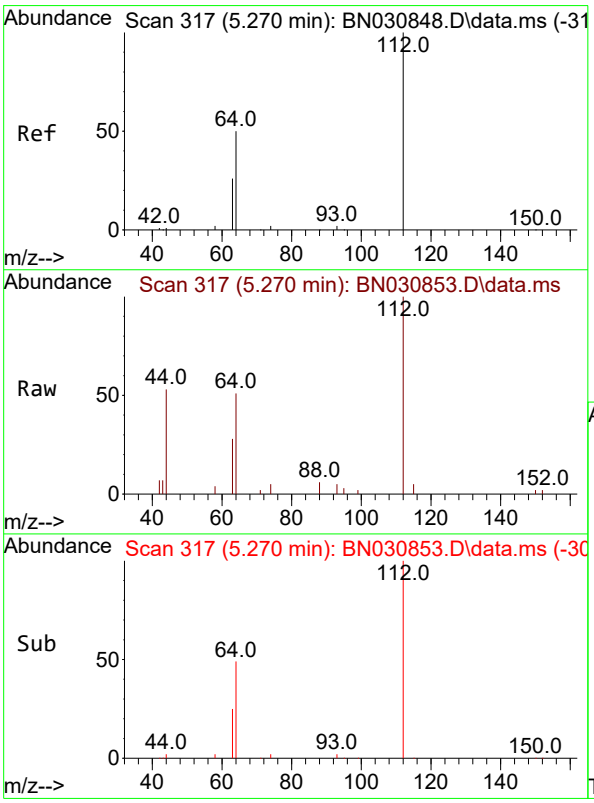
#3
n-Nitrosodimethylamine
Concen: 0.396 ng
RT: 3.529 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion: 42 Resp: 2804

Ion	Ratio	Lower	Upper
42	100		
74	132.0	104.1	156.1
44	8.2	6.1	9.1

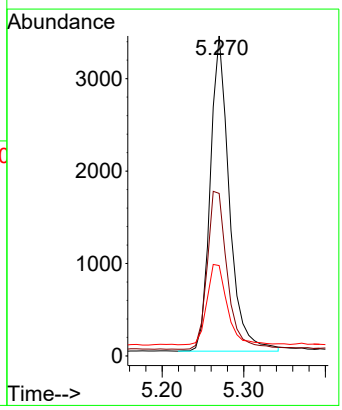


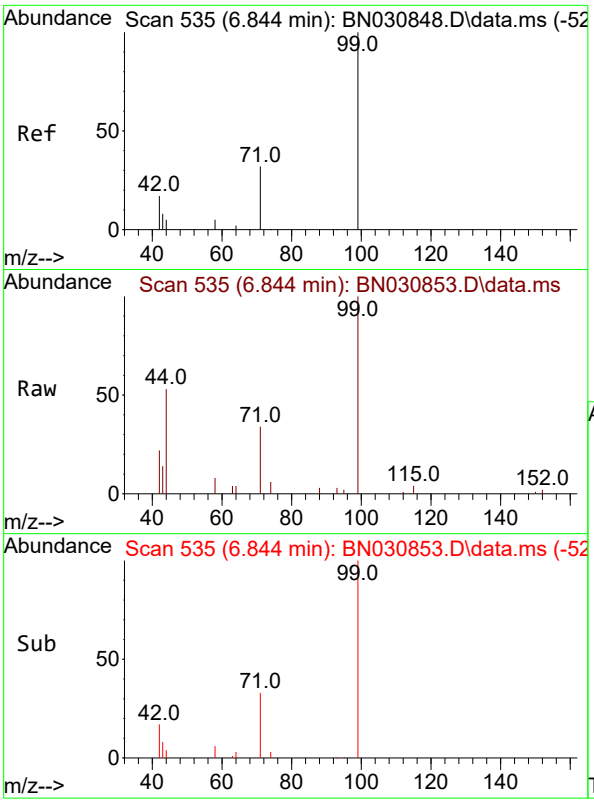


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.270 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:112 Resp: 5529

Ion	Ratio	Lower	Upper
112	100		
64	52.9	42.9	64.3
63	27.1	23.1	34.7



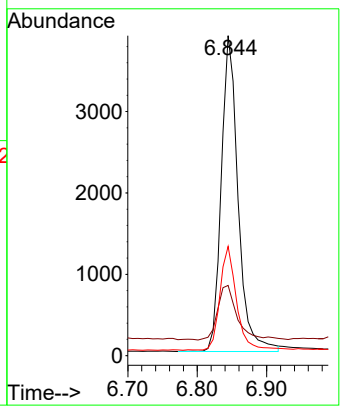


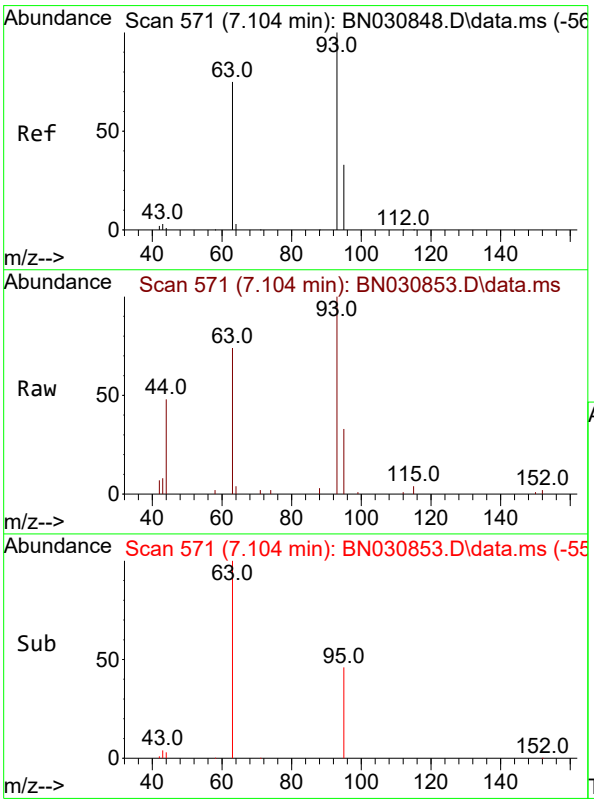
#5
Phenol-d6
Concen: 0.362 ng
RT: 6.844 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion: 99 Resp: 6532

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	32.4	26.2	39.4

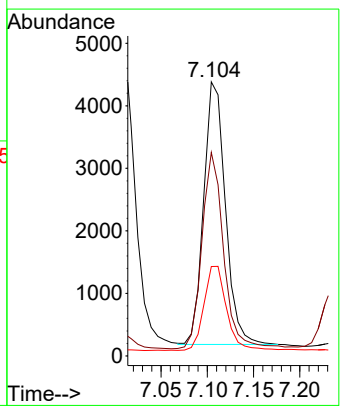


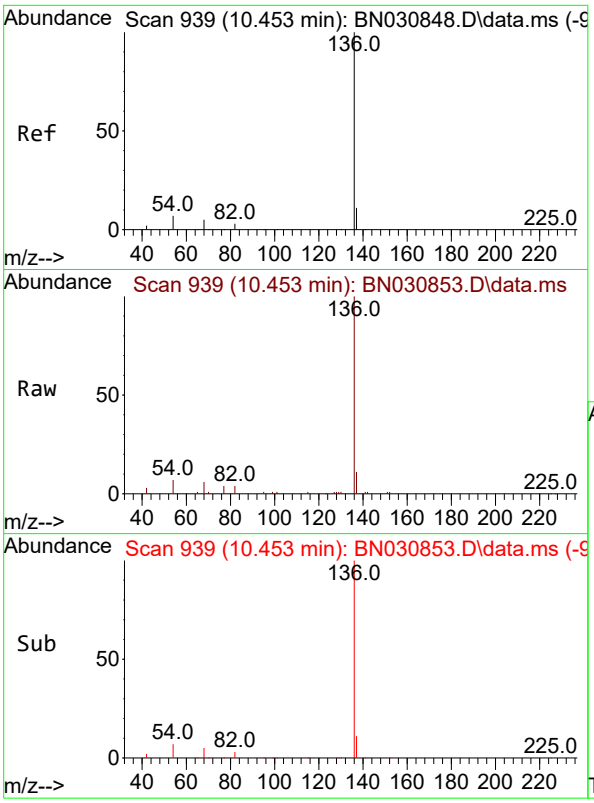


#6
bis(2-Chloroethyl)ether
Concen: 0.400 ng
RT: 7.104 min Scan# 571
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion: 93 Resp: 6859

Ion	Ratio	Lower	Upper
93	100		
63	74.3	58.3	87.5
95	33.3	27.1	40.7



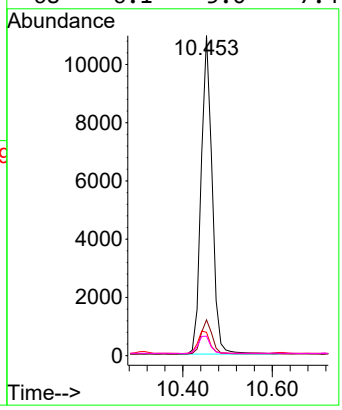


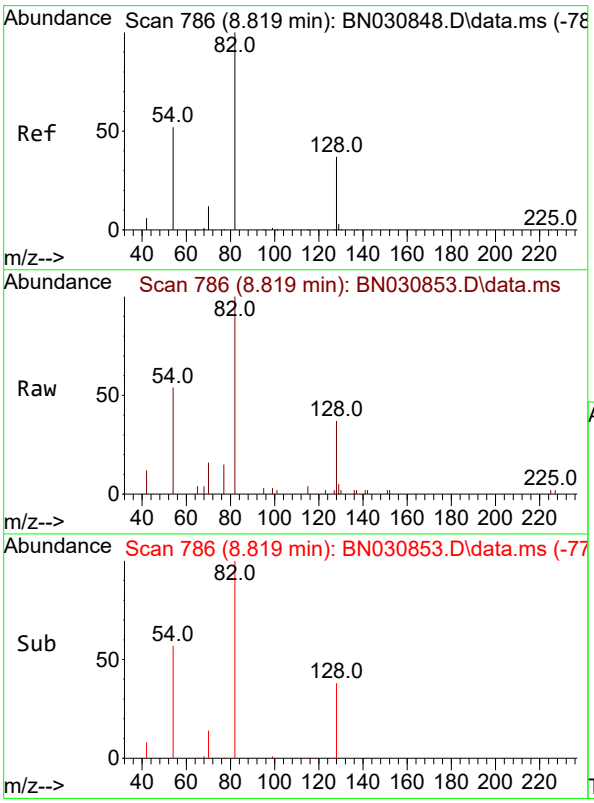
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.453 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:136 Resp: 18670

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.3	5.8	8.8
68	6.1	5.0	7.4

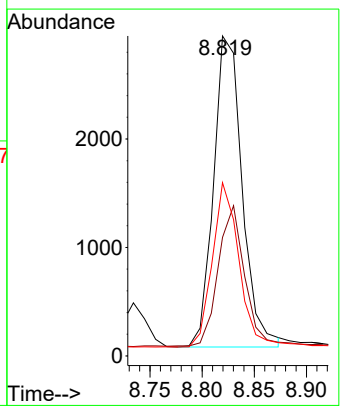


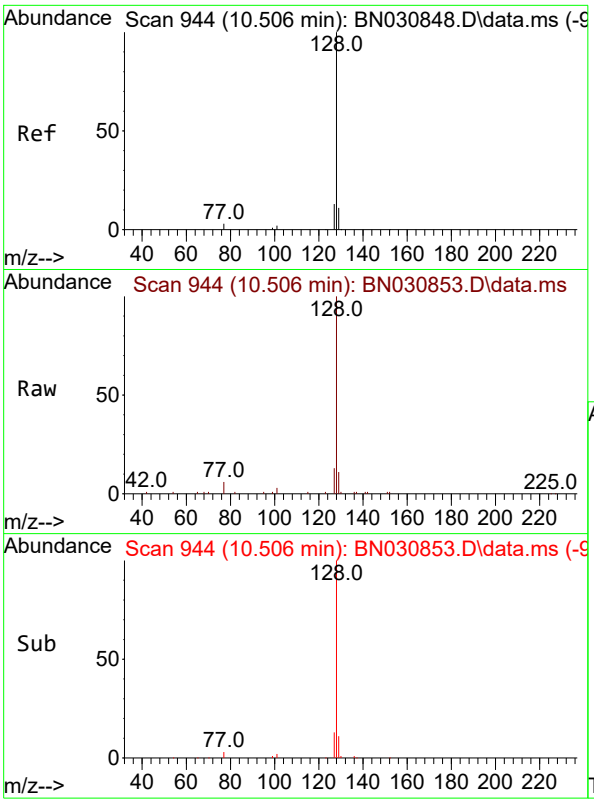


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.819 min Scan# 786
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion: 82 Resp: 5478

Ion	Ratio	Lower	Upper
82	100		
128	37.1	31.1	46.7
54	54.1	43.4	65.0



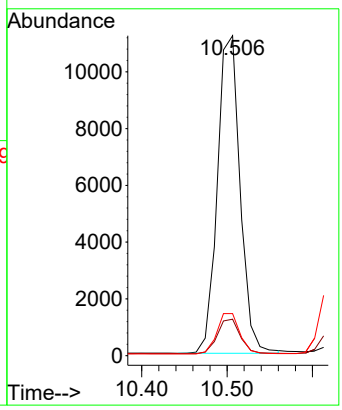


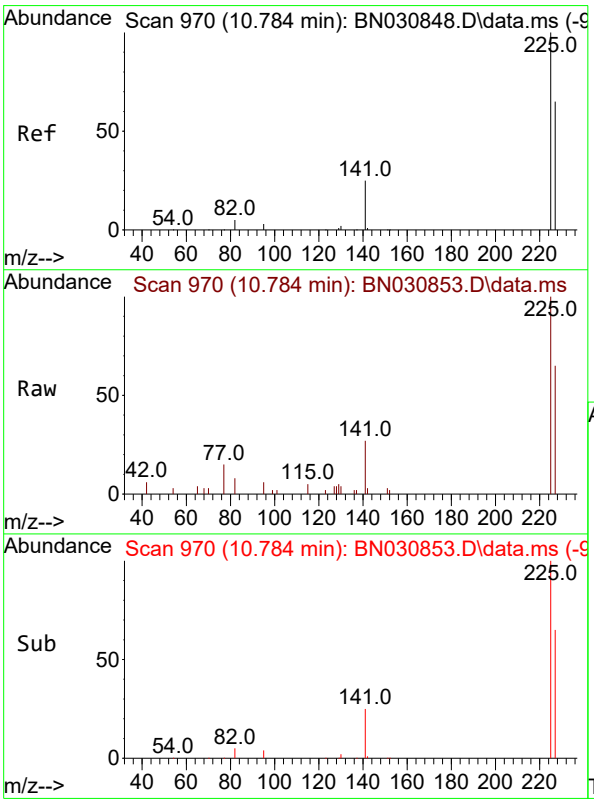
#9
Naphthalene
Concen: 0.400 ng
RT: 10.506 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:128 Resp: 20708

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.1	10.6	15.8

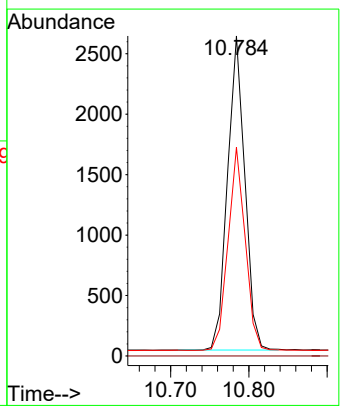


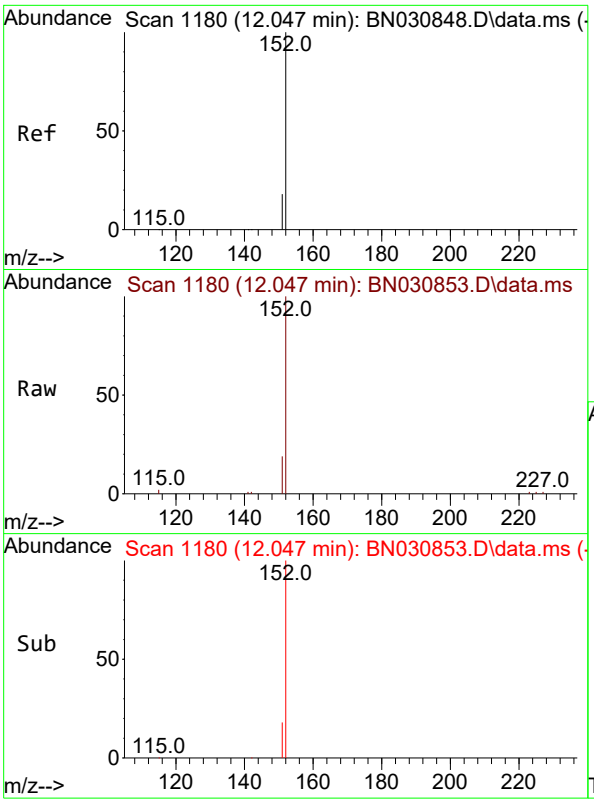


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.784 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:225 Resp: 4007

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	52.0	78.0



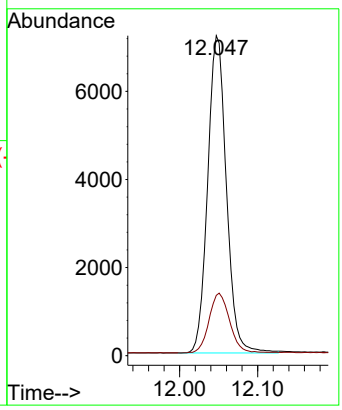


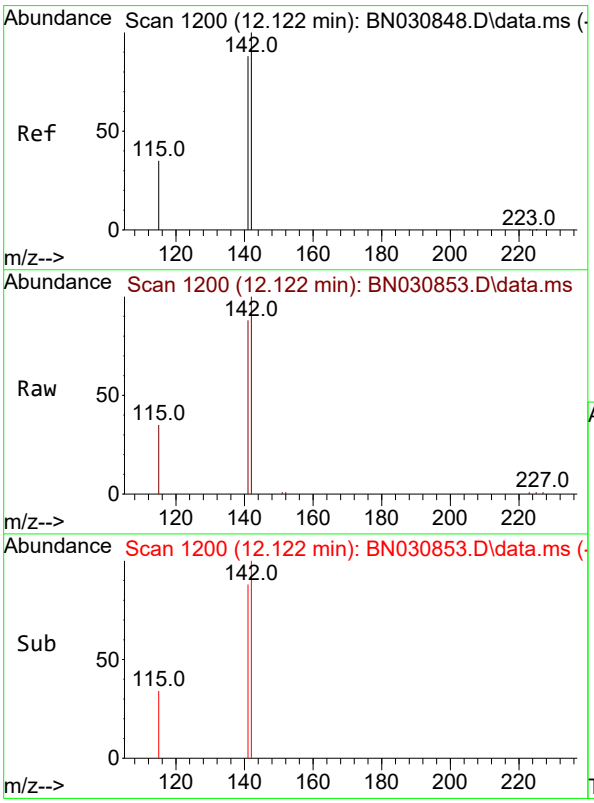
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.047 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:152 Resp: 12008

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.6	25.0

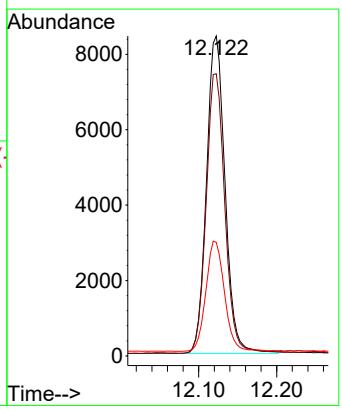


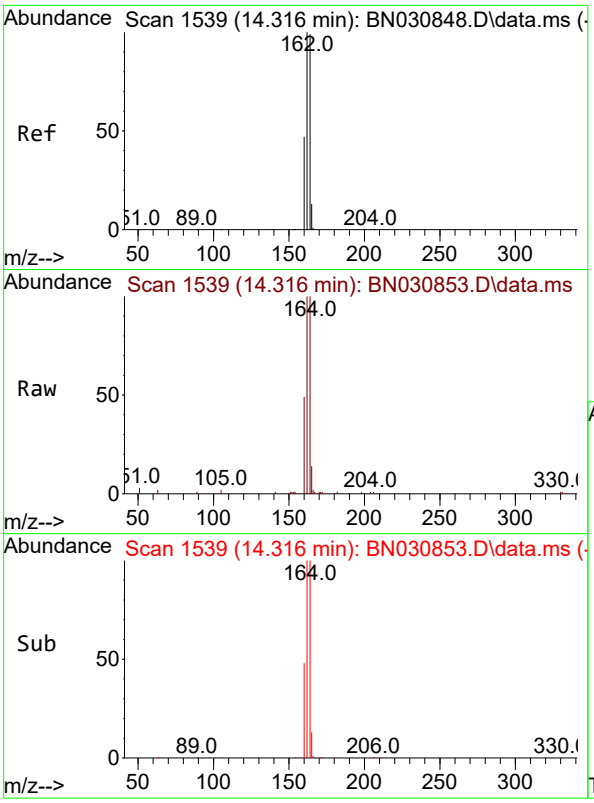


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.122 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:142 Resp: 13959

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.7	106.1
115	35.5	28.4	42.6



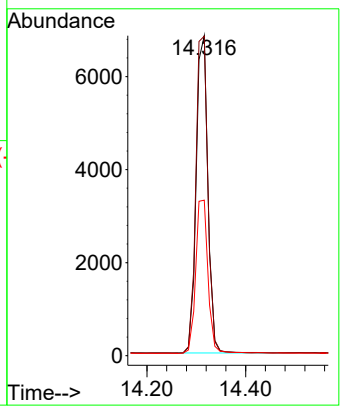


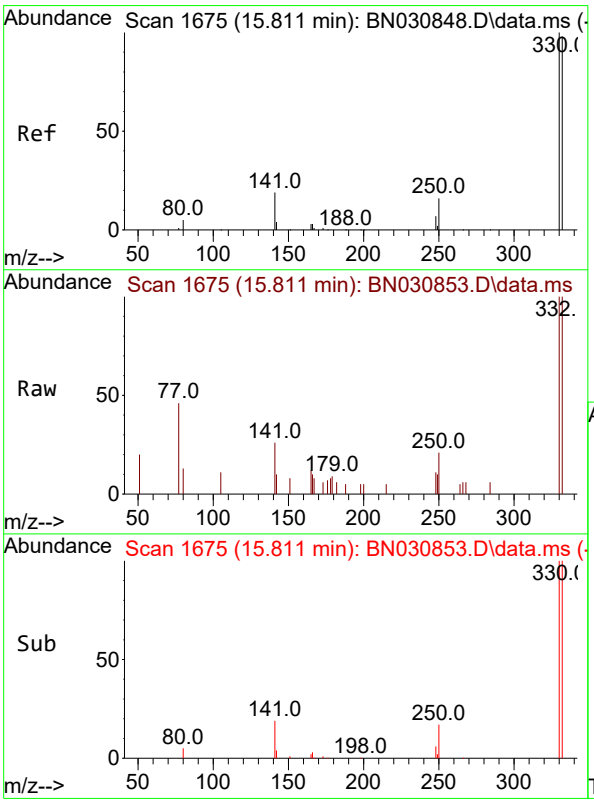
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.316 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:164 Resp: 11190

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.9	121.3
160	48.6	38.3	57.5

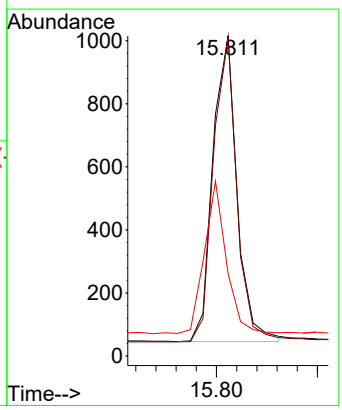


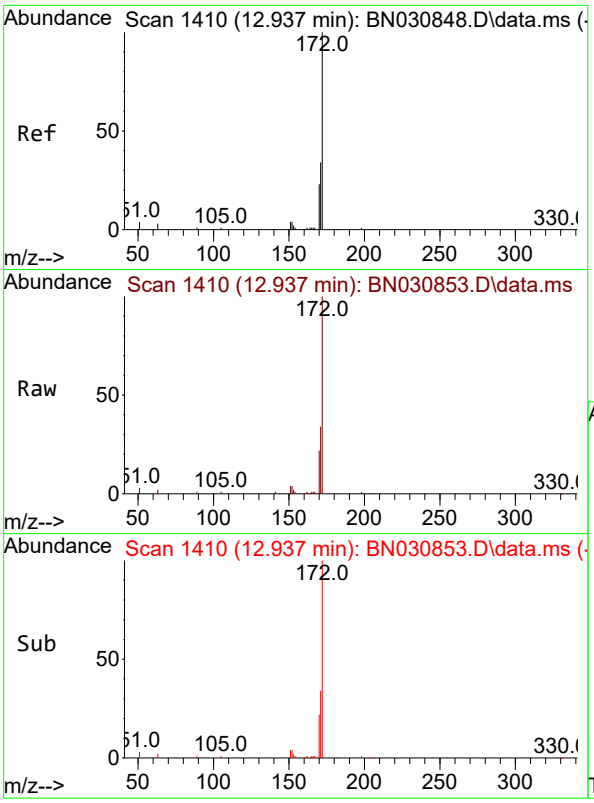


#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.811 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:330 Resp: 1612

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	45.2	37.3	55.9



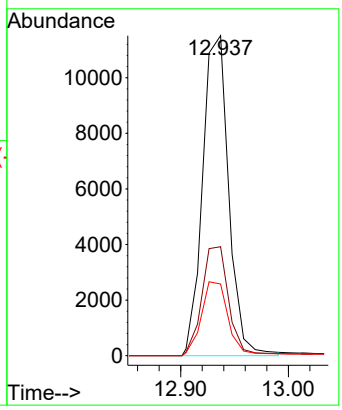


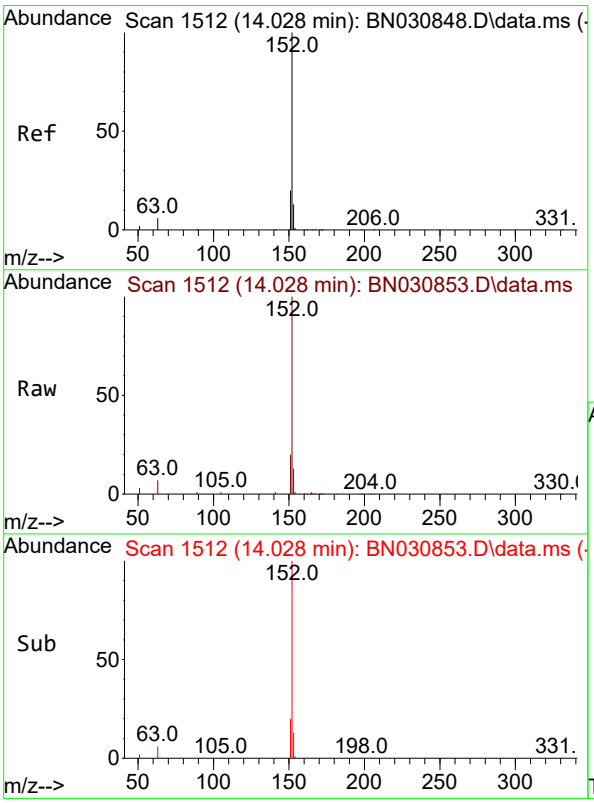
#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 12.937 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:172 Resp: 16958

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.2	40.8
170	22.4	18.2	27.2

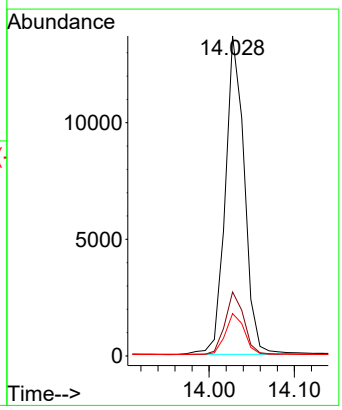


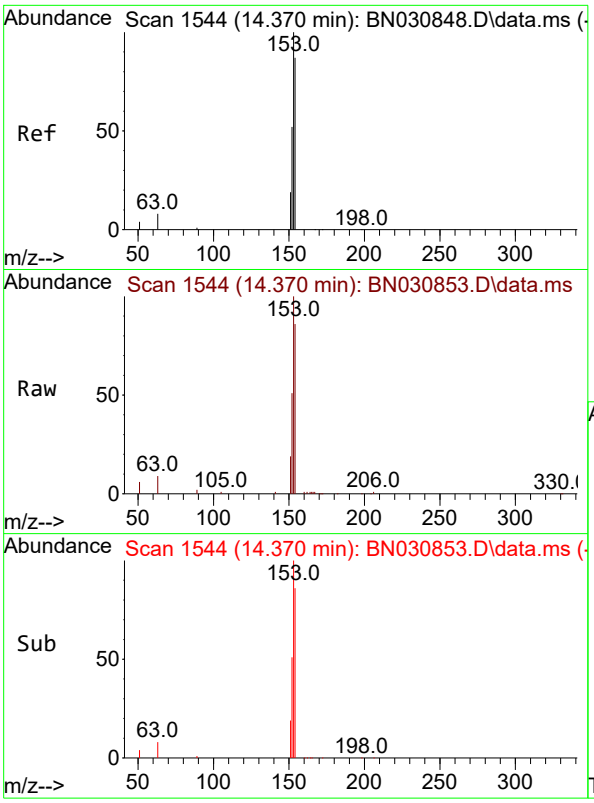


#16
Acenaphthylene
Concen: 0.416 ng
RT: 14.028 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:152 Resp: 21150

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	13.1	10.3	15.5



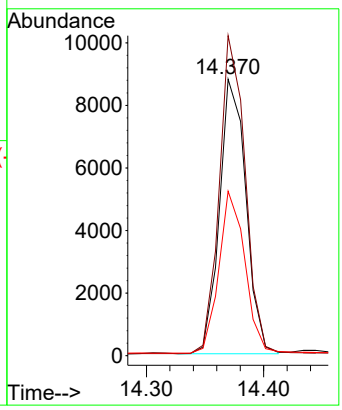


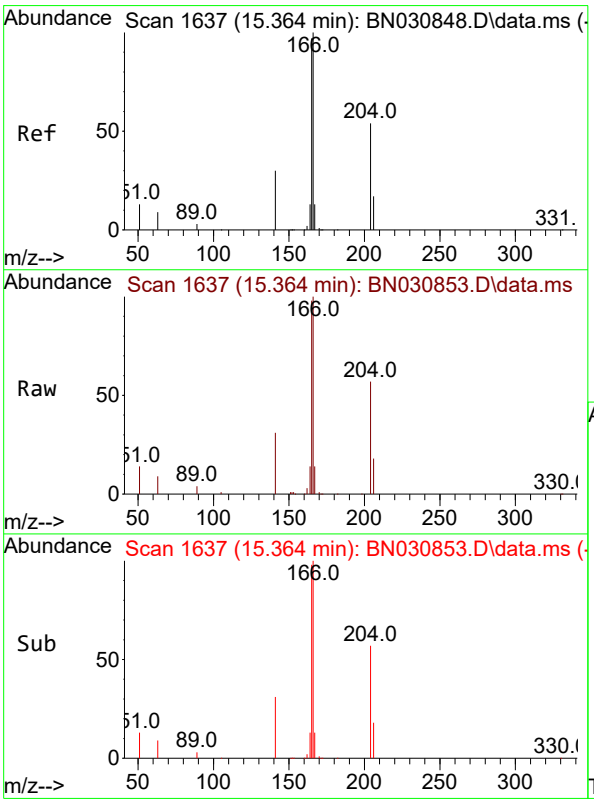
#17
Acenaphthene
Concen: 0.397 ng
RT: 14.370 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:154 Resp: 13776

Ion	Ratio	Lower	Upper
154	100		
153	113.2	90.6	135.8
152	57.9	46.6	70.0

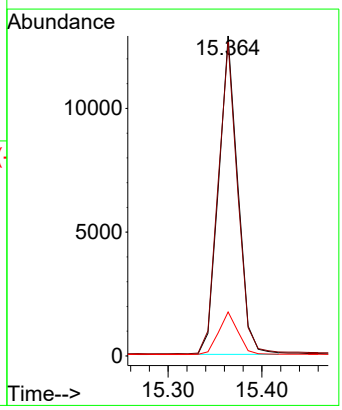


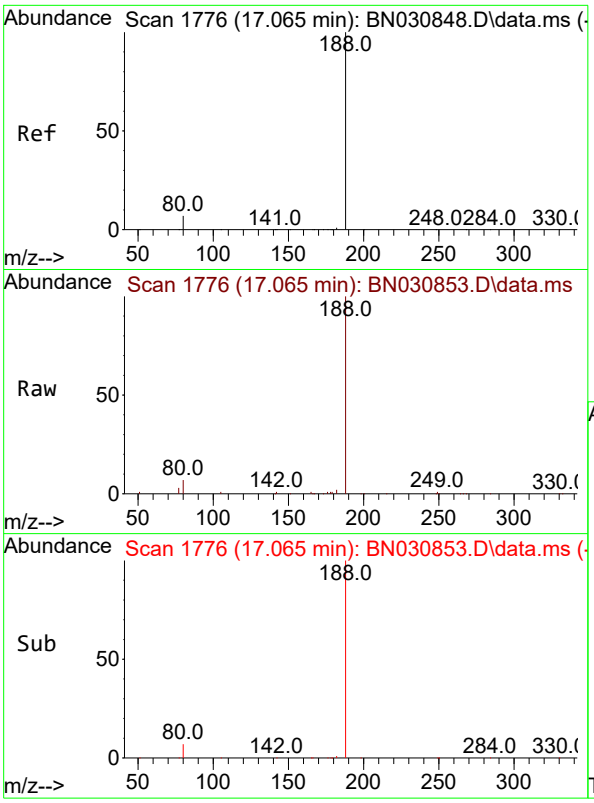


#18
Fluorene
Concen: 0.396 ng
RT: 15.364 min Scan# 1637
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:166 Resp: 18375

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	13.5	10.8	16.2



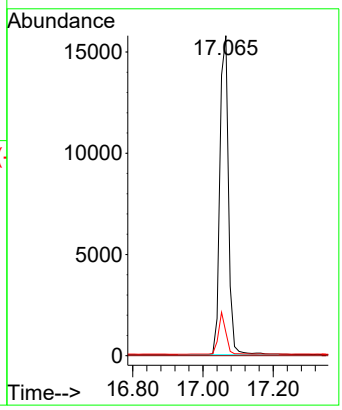


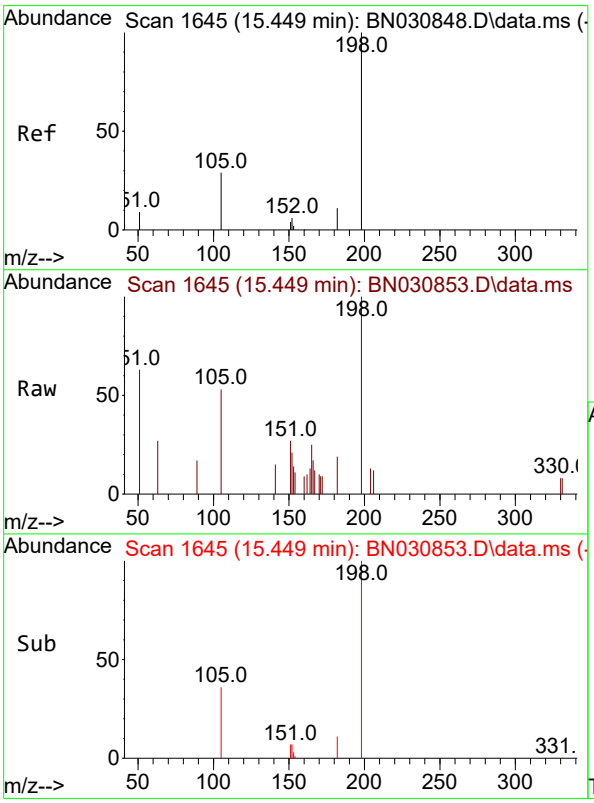
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.065 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:188 Resp: 26742

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.3	6.2	9.2

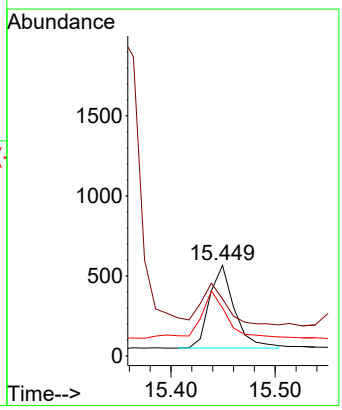


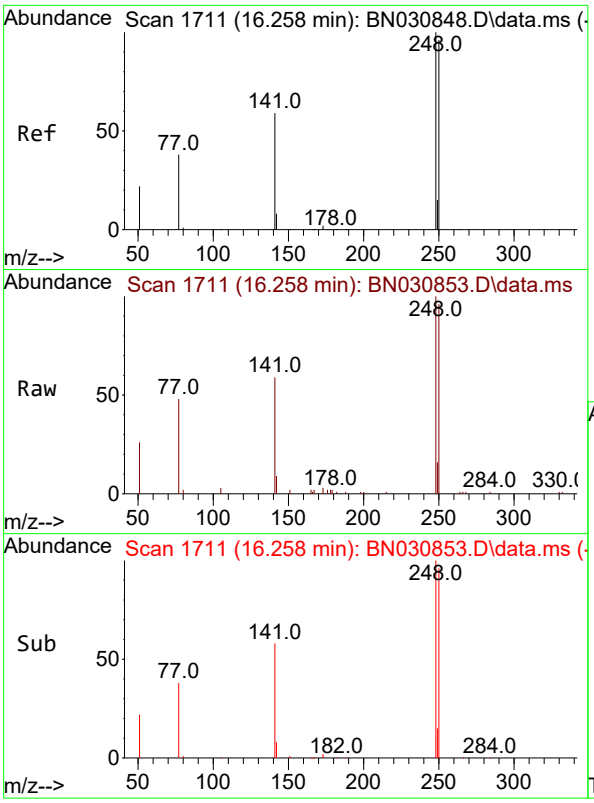


#20
4,6-Dinitro-2-methylphenol
Concen: 0.396 ng
RT: 15.449 min Scan# 1645
Delta R.T. 0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:198 Resp: 867

Ion	Ratio	Lower	Upper
198	100		
51	63.1	42.9	64.3
105	53.0	36.5	54.7



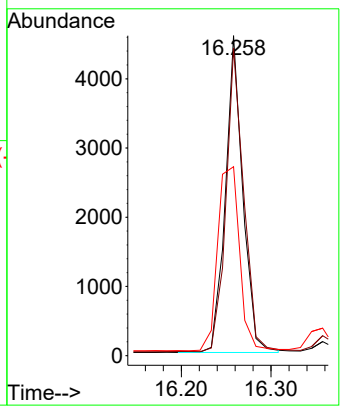


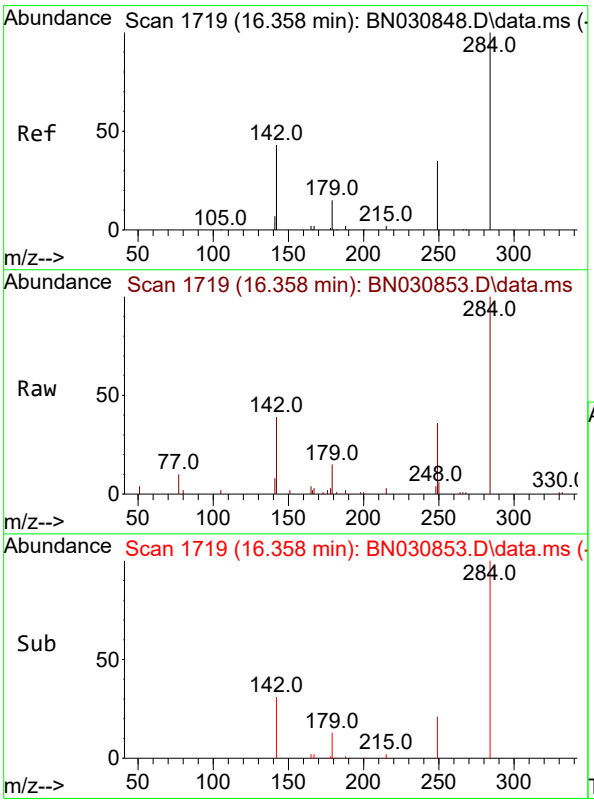
#21
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.258 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:248 Resp: 6154

Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.2	115.8
141	59.0	47.9	71.9

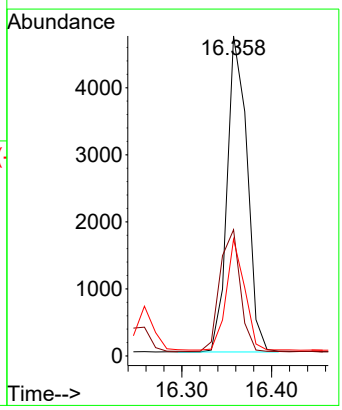


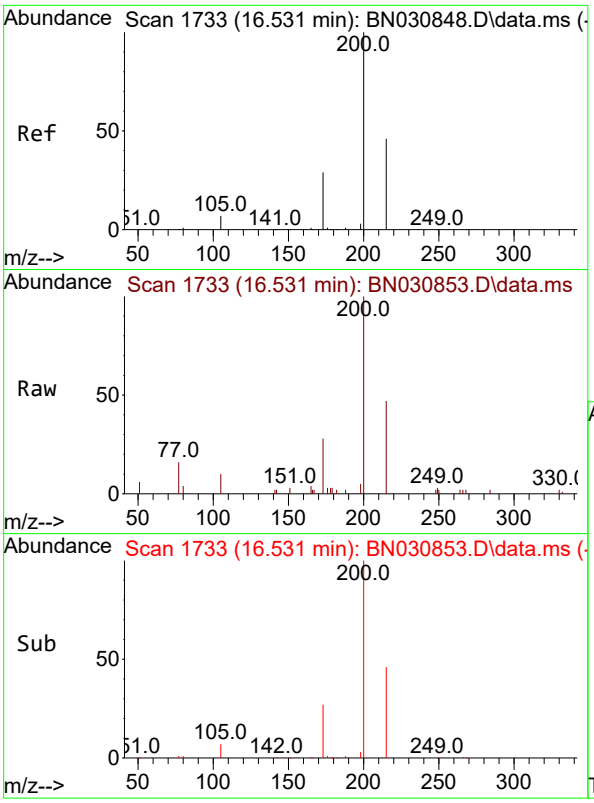


#22
Hexachlorobenzene
Concen: 0.393 ng
RT: 16.358 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:284 Resp: 7295

Ion	Ratio	Lower	Upper
284	100		
142	39.2	31.4	47.0
249	32.0	25.4	38.2



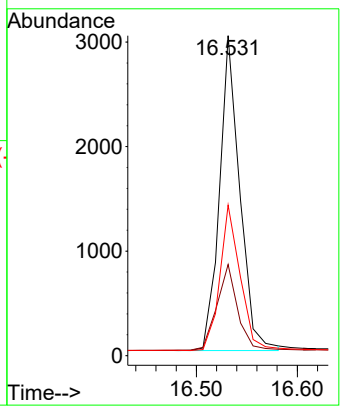


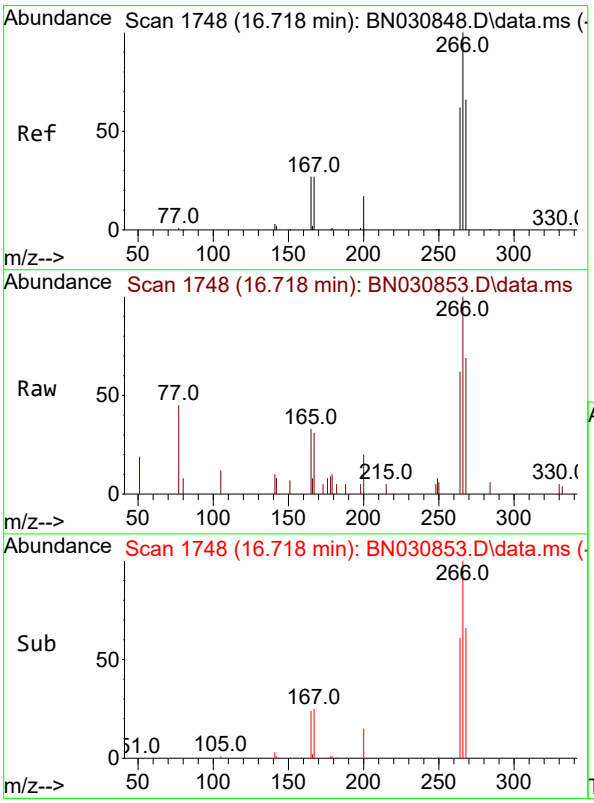
#23
Atrazine
Concen: 0.358 ng
RT: 16.531 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:200 Resp: 4196

Ion	Ratio	Lower	Upper
200	100		
173	28.5	23.9	35.9
215	47.0	37.6	56.4

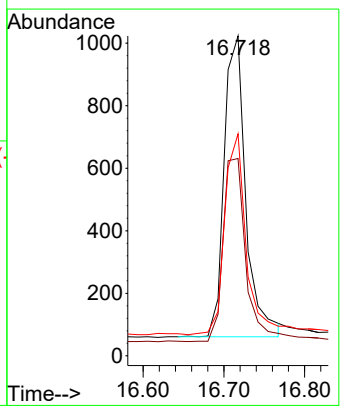


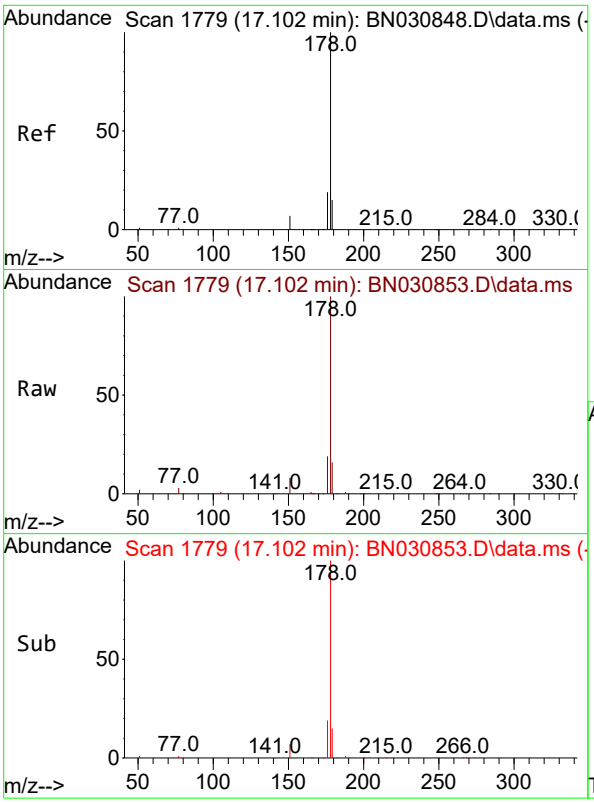


#24
Pentachlorophenol
Concen: 0.394 ng
RT: 16.718 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:266 Resp: 1796

Ion	Ratio	Lower	Upper
266	100		
264	63.5	45.0	67.6
268	65.6	44.0	66.0



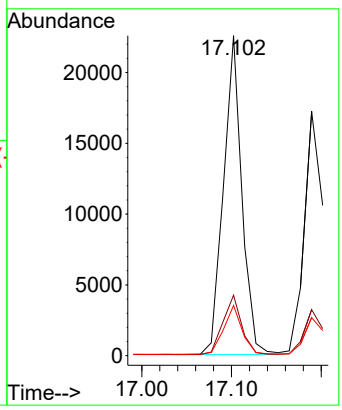


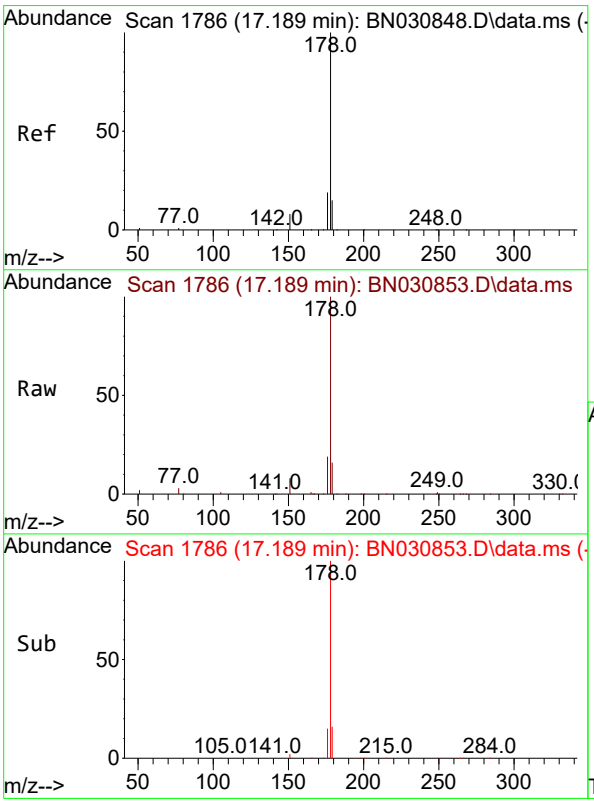
#25
Phenanthrene
Concen: 0.408 ng
RT: 17.102 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:178 Resp: 32027

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.3	12.1	18.1

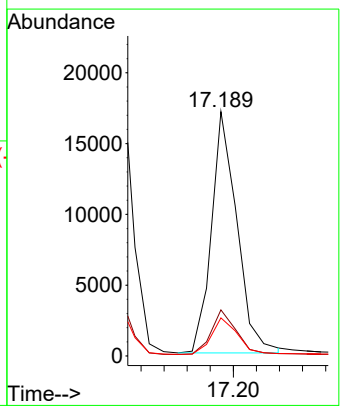


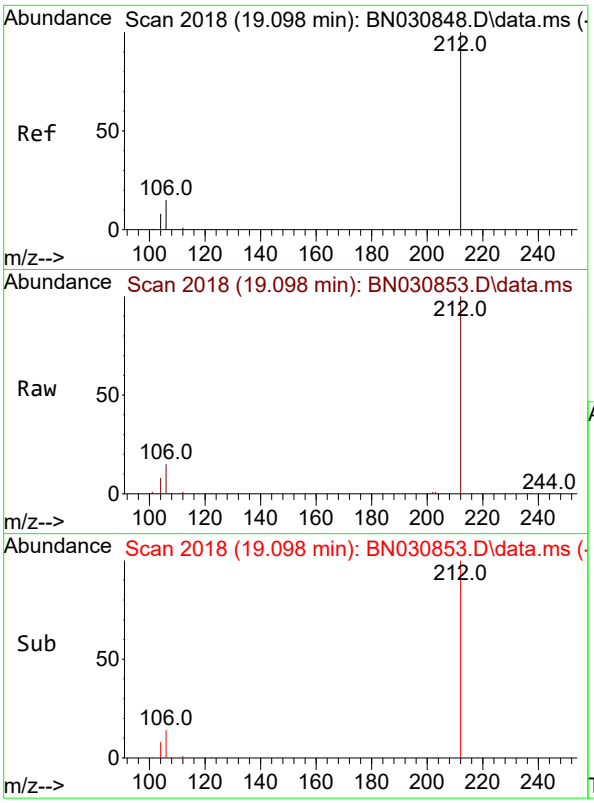


#26
Anthracene
Concen: 0.391 ng
RT: 17.189 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:178 Resp: 26198

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.5	12.3	18.5



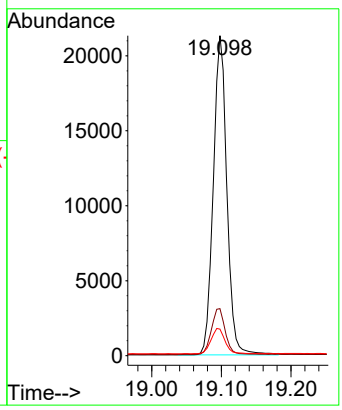


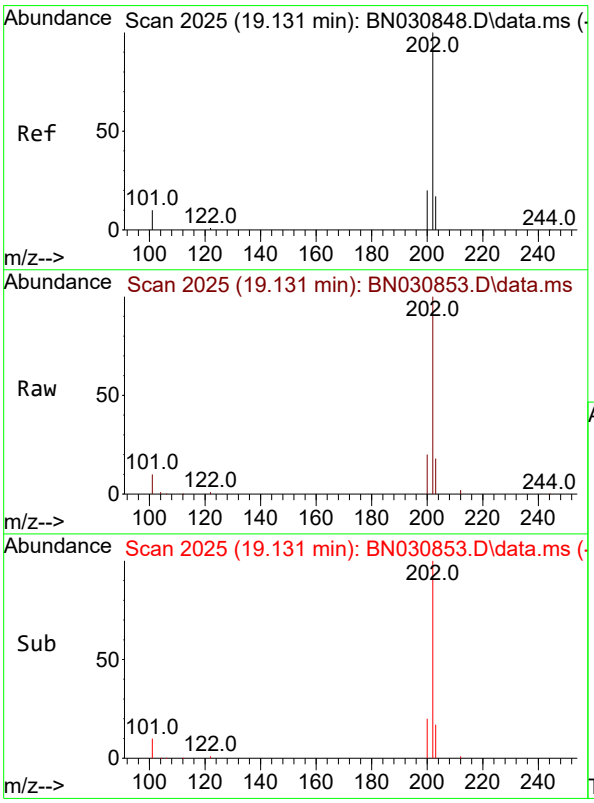
#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.098 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:212 Resp: 28882

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.9	17.9
104	8.2	6.6	9.8

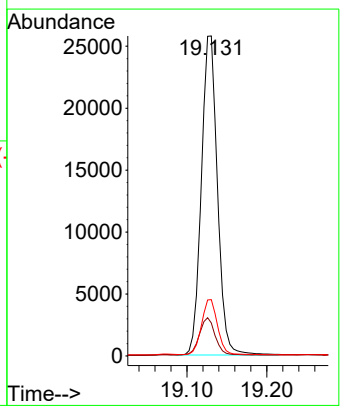


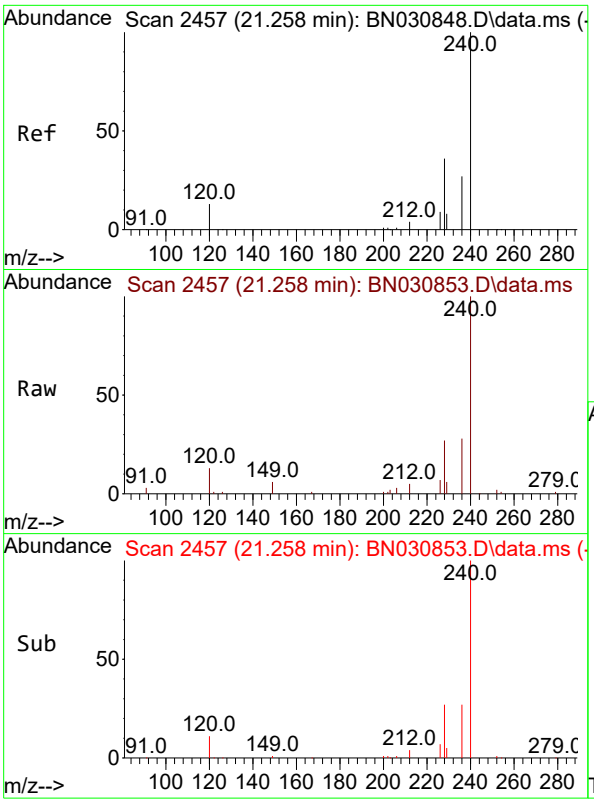


#28
Fluoranthene
Concen: 0.384 ng
RT: 19.131 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:202 Resp: 36025

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.0
203	17.0	13.8	20.6



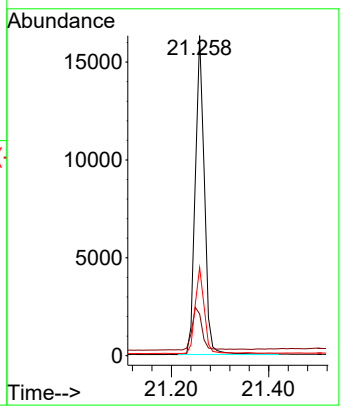


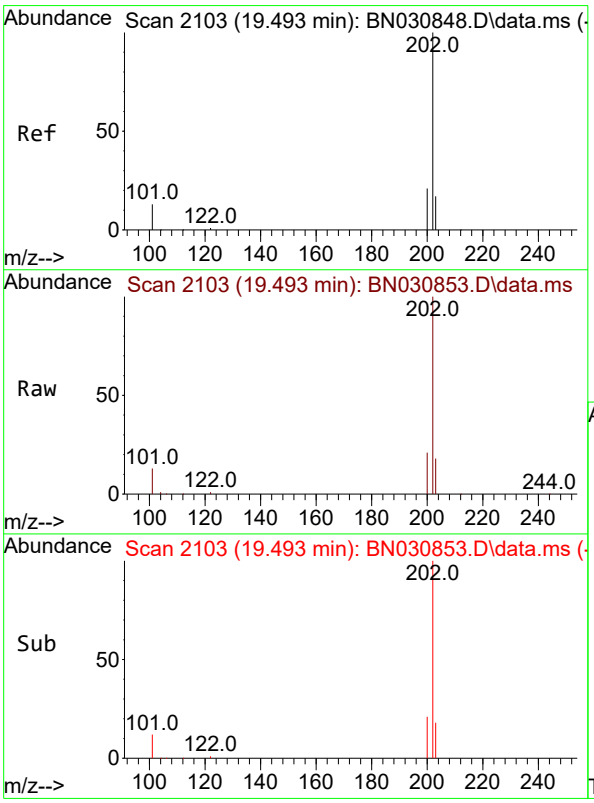
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.258 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:240 Resp: 21121

Ion	Ratio	Lower	Upper
240	100		
120	13.1	11.9	17.9
236	27.6	22.2	33.4

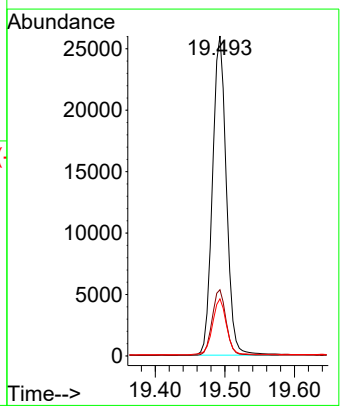


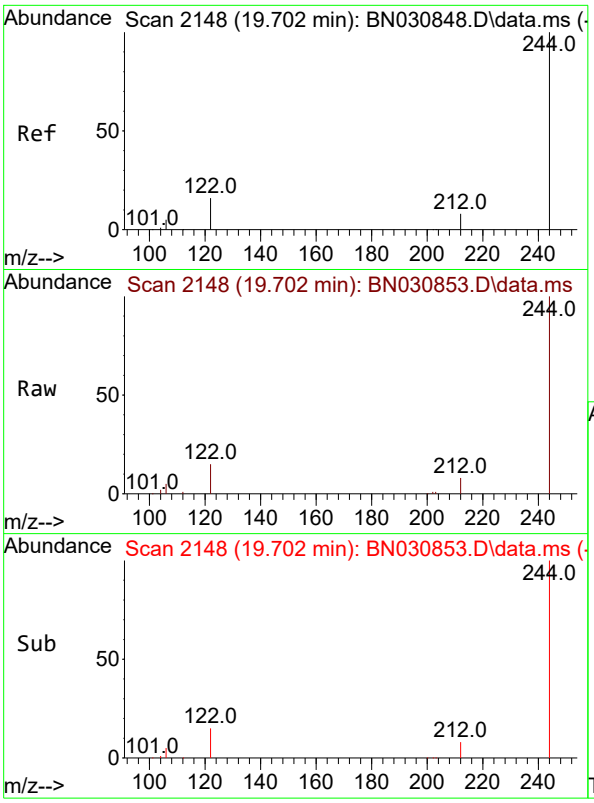


#30
Pyrene
Concen: 0.396 ng
RT: 19.493 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:202 Resp: 36004

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.7	14.2	21.2



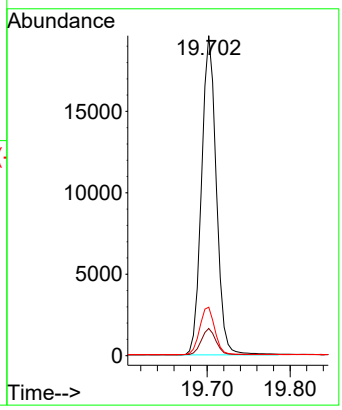


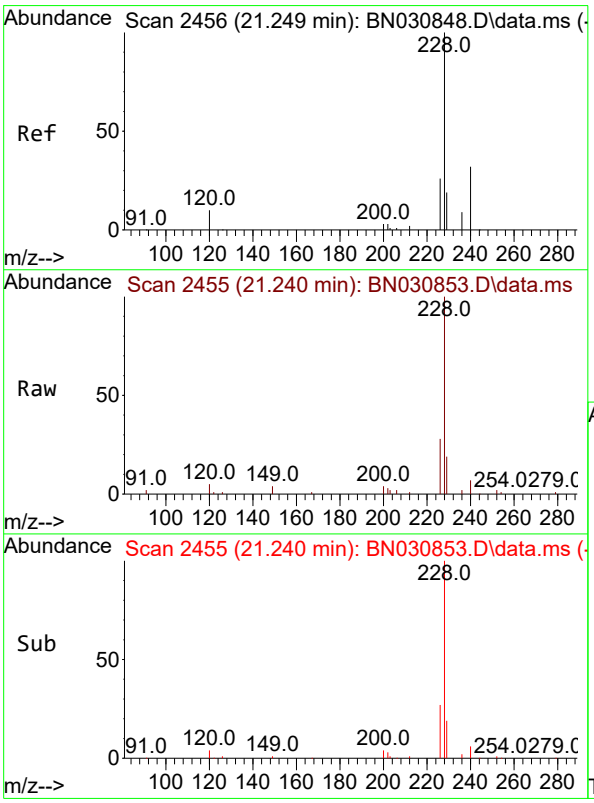
#31
Terphenyl-d14
Concen: 0.449 ng
RT: 19.702 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:244 Resp: 24296

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	15.1	12.8	19.2

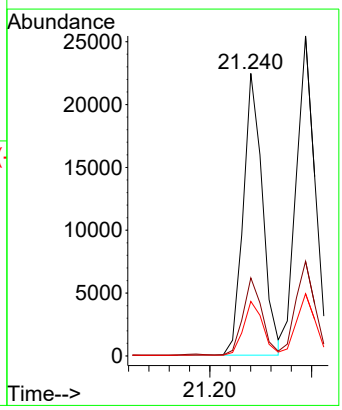


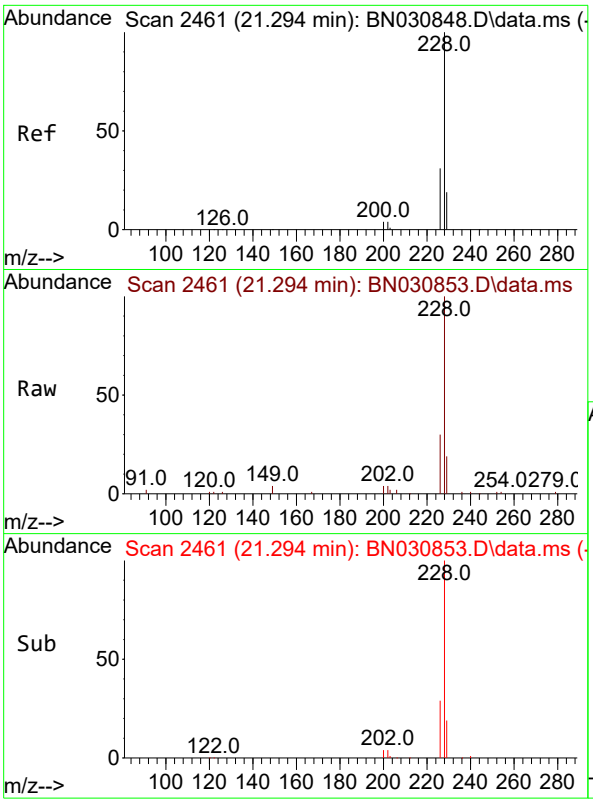


#32
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.240 min Scan# 2455
Delta R.T. -0.009 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:228 Resp: 29475

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.4
229	19.3	15.8	23.6



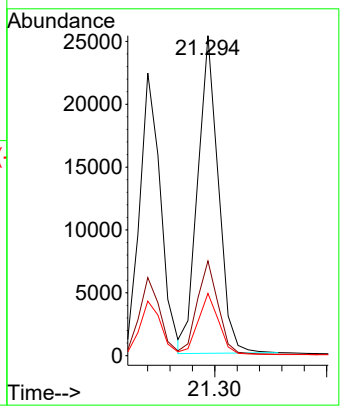


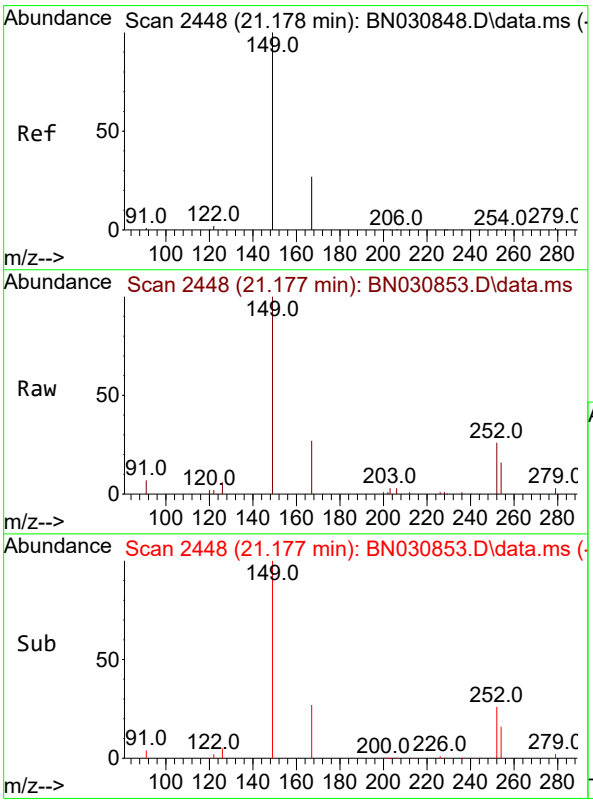
#33
Chrysene
Concen: 0.412 ng
RT: 21.294 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:228 Resp: 32357

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	19.4	15.4	23.2

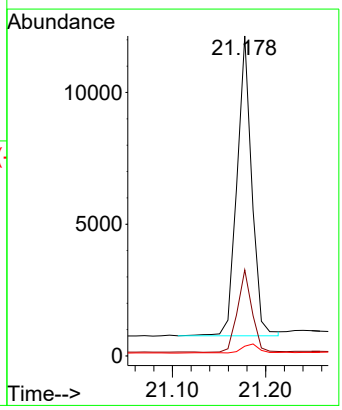


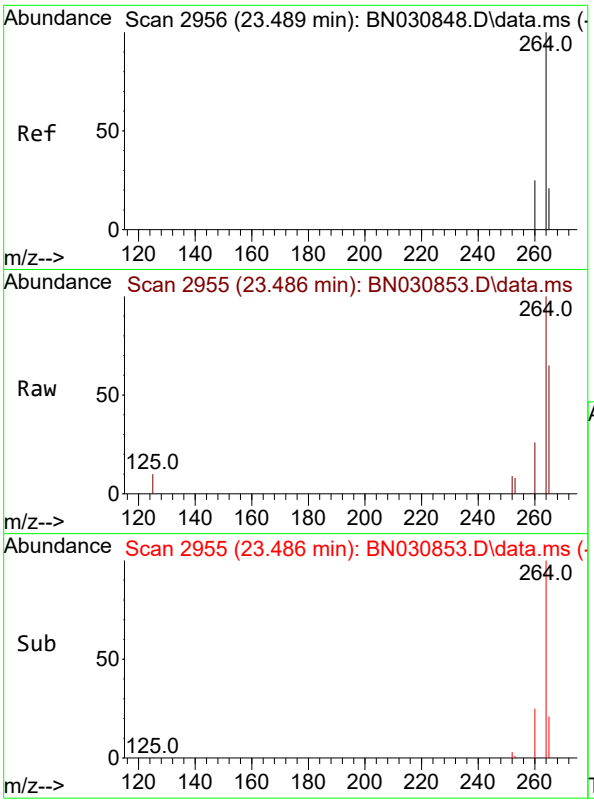


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.325 ng
RT: 21.177 min Scan# 2448
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:149 Resp: 12549

Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.7	32.5
279	3.4	2.6	4.0



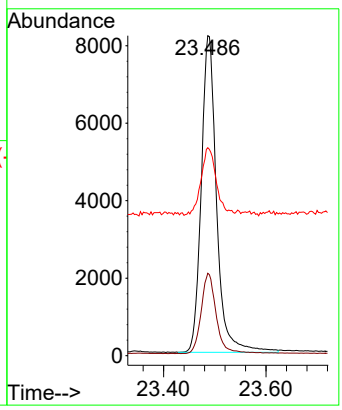


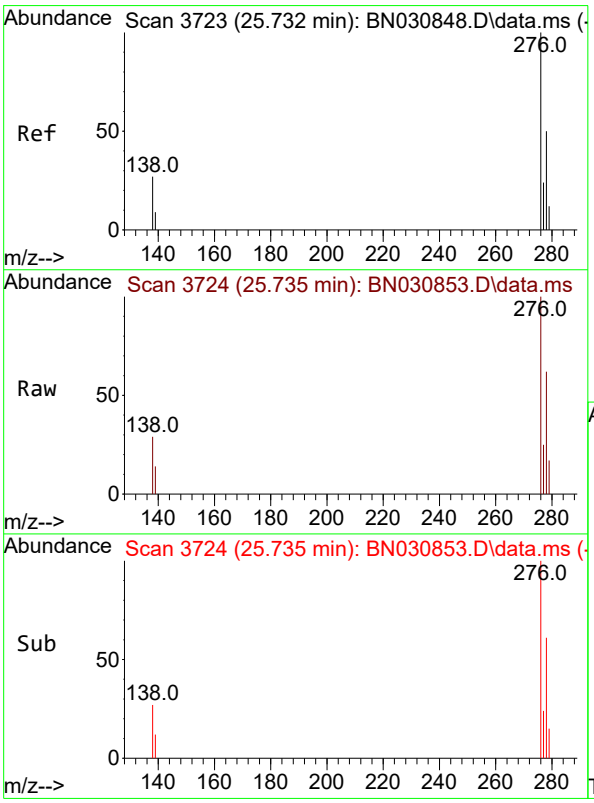
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.486 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:264 Resp: 16996

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.3	30.5
265	65.0	46.5	69.7

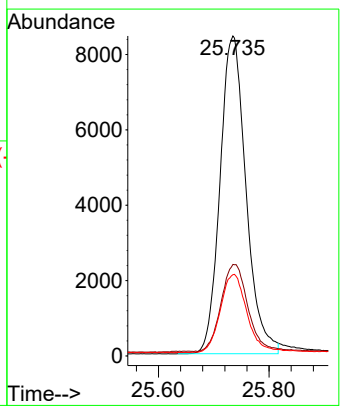


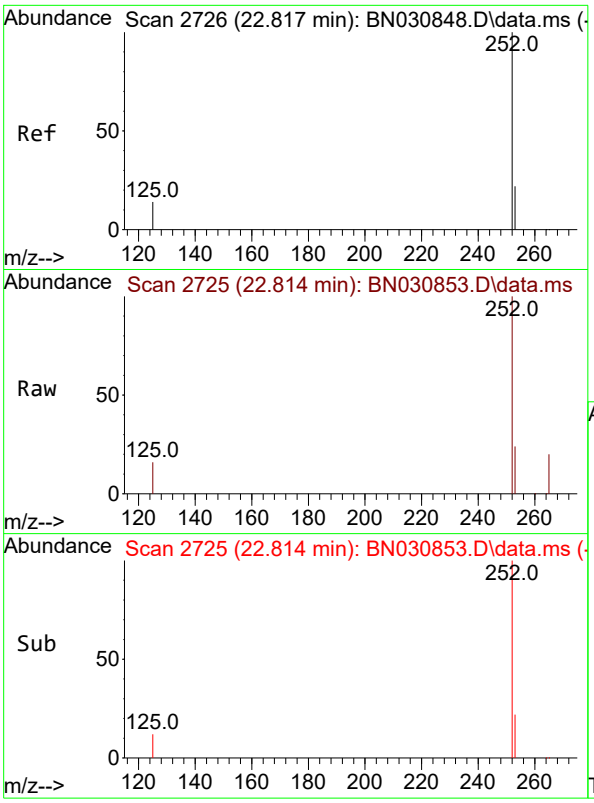


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 25.735 min Scan# 3724
Delta R.T. 0.003 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:276 Resp: 27519

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.2	33.4
277	24.9	19.9	29.9



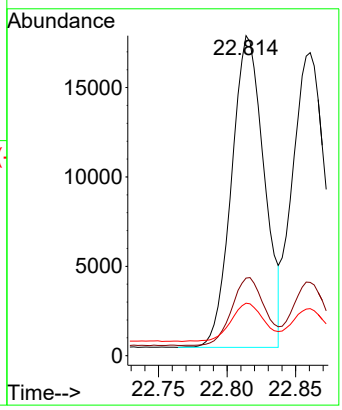


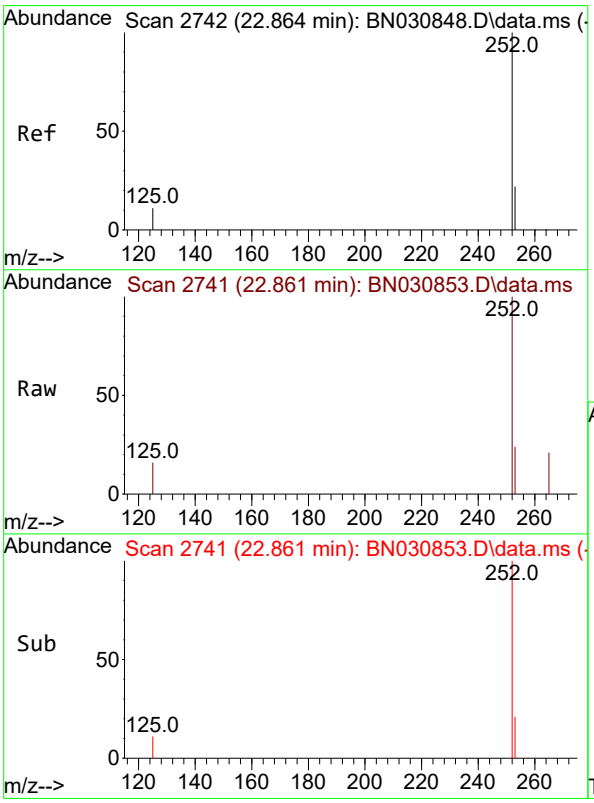
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.814 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:252 Resp: 28762

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.4	29.2
125	16.4	14.1	21.1

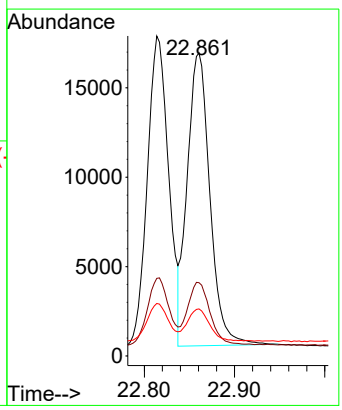


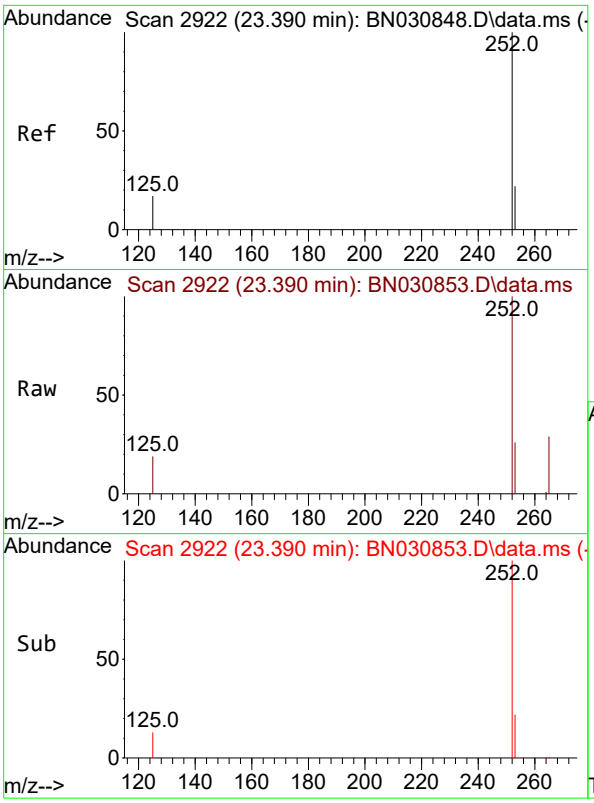


#38
Benzo(k)fluoranthene
Concen: 0.416 ng
RT: 22.861 min Scan# 2741
Delta R.T. -0.003 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:252 Resp: 28573

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.5	29.3
125	15.5	12.2	18.4



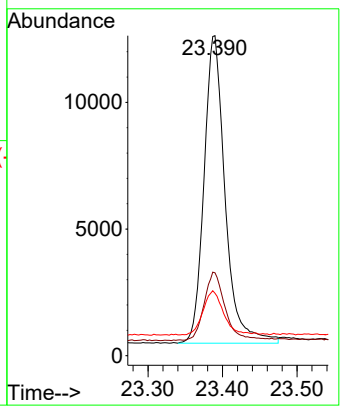


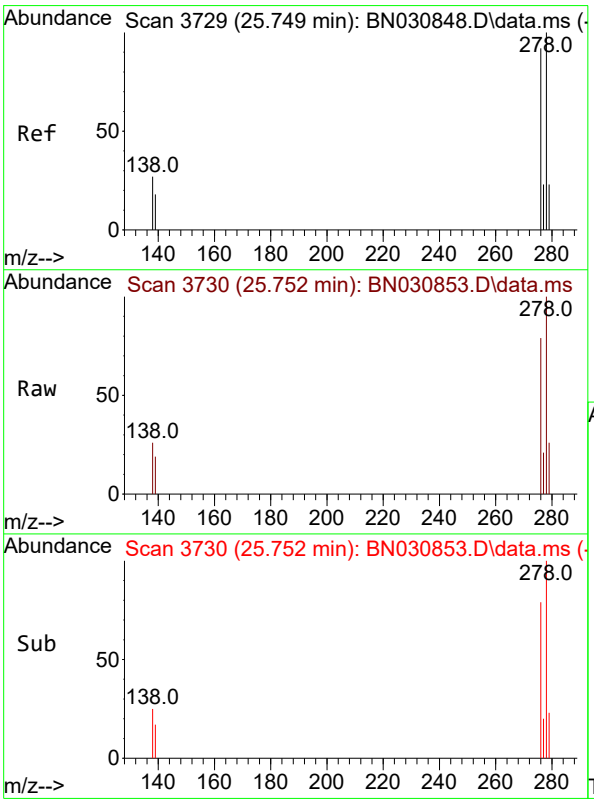
#39
Benzo(a)pyrene
Concen: 0.406 ng
RT: 23.390 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:252 Resp: 23868

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.9	31.3
125	19.5	18.5	27.7

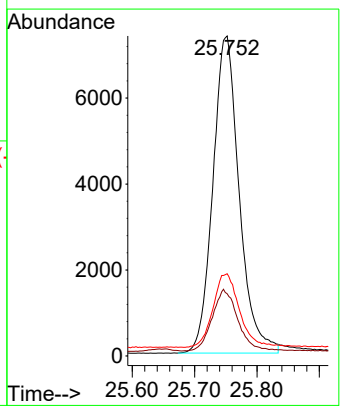


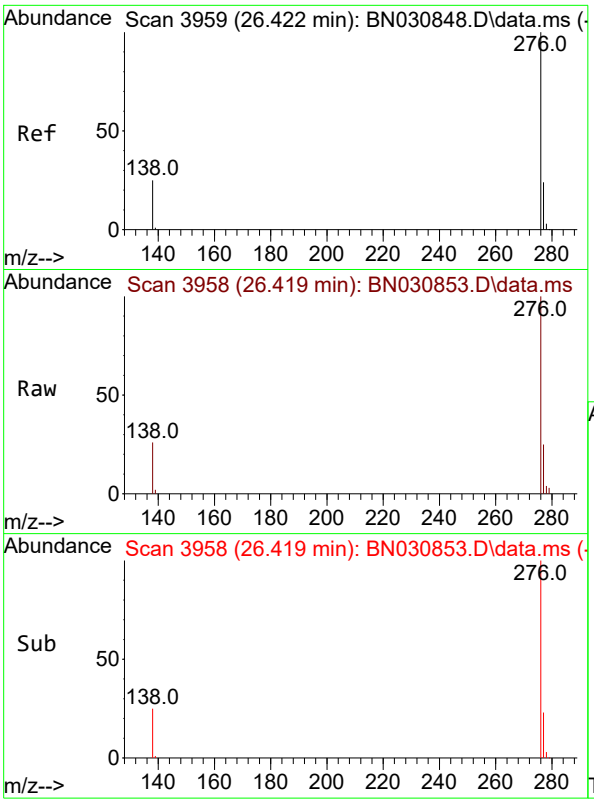


#40
Dibenzo(a,h)anthracene
Concen: 0.405 ng
RT: 25.752 min Scan# 3730
Delta R.T. 0.003 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Tgt Ion:278 Resp: 21648

Ion	Ratio	Lower	Upper
278	100		
139	19.5	16.7	25.1
279	25.7	20.9	31.3





#41
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.419 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN030853.D
Acq: 11 Apr 2024 21:55

Instrument :
BNA_N
ClientSampleId :
ICVBN041124

Tgt Ion:276 Resp: 22661

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.6	29.4
138	25.9	20.9	31.3