Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026779.D
Acq On : 01 Aug 2023 11:55
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Aug 02 00:25:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:20:57 2023
Response via : Initial Calibration

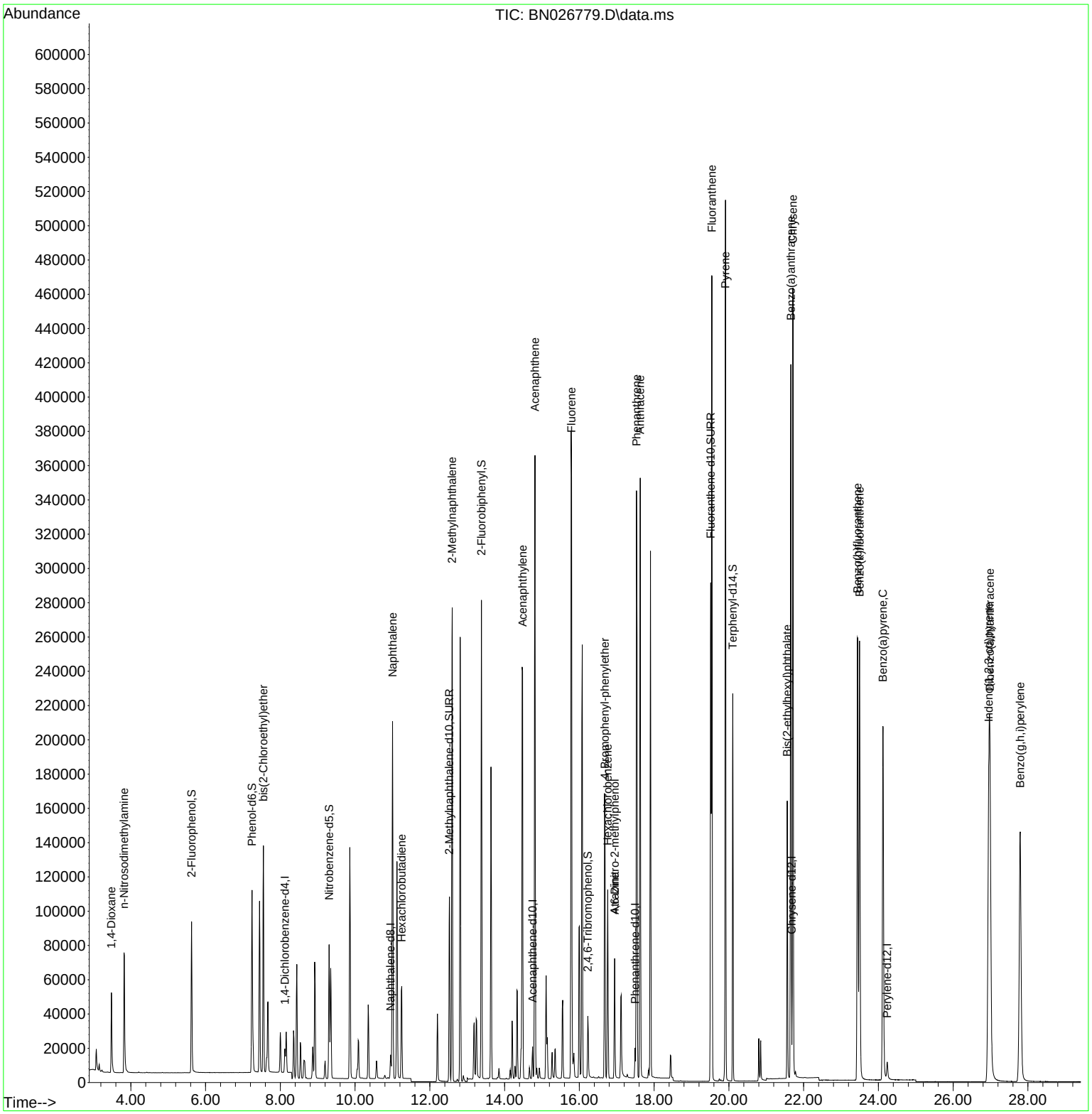
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.124	152	6541	0.400	ng		0.00
7) Naphthalene-d8	10.949	136	18012	0.400	ng		0.00
13) Acenaphthene-d10	14.747	164	10307	0.400	ng		0.00
19) Phenanthrene-d10	17.492	188	21709	0.400	ng		0.00
29) Chrysene-d12	21.677	240	18945	0.400	ng		0.00
35) Perylene-d12	24.235	264	14897	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	74868	4.519	ng		0.00
5) Phenol-d6	7.243	99	101350	4.725	ng		0.00
8) Nitrobenzene-d5	9.305	82	60126	5.637	ng		0.00
11) 2-Methylnaphthalene-d10	12.521	152	140106	5.425	ng		0.00
14) 2,4,6-Tribromophenol	16.226	330	21696	6.183	ng		0.00
15) 2-Fluorobiphenyl	13.379	172	225423	5.357	ng		0.00
27) Fluoranthene-d10	19.514	212	298694	5.730	ng		0.00
31) Terphenyl-d14	20.104	244	203418	5.149	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	34417	4.508	ng		98
3) n-Nitrosodimethylamine	3.819	42	40673	4.773	ng	#	98
6) bis(2-Chloroethyl)ether	7.546	93	93509	4.836	ng		100
9) Naphthalene	11.002	128	262293	5.296	ng		99
10) Hexachlorobutadiene	11.248	225	46071	5.129	ng	#	99
12) 2-Methylnaphthalene	12.597	142	183468	5.427	ng		99
16) Acenaphthylene	14.480	152	290156	5.695	ng		100
17) Acenaphthene	14.812	154	175199	5.481	ng		98
18) Fluorene	15.792	166	229519	5.516	ng		99
20) 4,6-Dinitro-2-methylph...	16.946	198	2003	5.700	ng	#	29
21) 4-Bromophenyl-phenylether	16.686	248	72256	5.505	ng		97
22) Hexachlorobenzene	16.760	284	80126	5.342	ng		100
23) Atrazine	16.946	200	53828	6.211	ng		97
25) Phenanthrene	17.530	178	365301	5.541	ng		100
26) Anthracene	17.629	178	349873	5.939	ng		100
28) Fluoranthene	19.546	202	421992	5.748	ng		100
30) Pyrene	19.909	202	429087	5.241	ng		100
32) Benzo(a)anthracene	21.659	228	371191	5.706	ng		99
33) Chrysene	21.712	228	380846	5.296	ng		99
34) Bis(2-ethylhexyl)phtha...	21.560	149	141650	6.572	ng		99
36) Indeno(1,2,3-cd)pyrene	26.951	276	386751	6.362	ng		99
37) Benzo(b)fluoranthene	23.440	252	351763	5.908	ng		97
38) Benzo(k)fluoranthene	23.496	252	363878	6.092	ng		98
39) Benzo(a)pyrene	24.121	252	330258	6.179	ng	#	94
40) Dibenzo(a,h)anthracene	26.984	278	294056	6.228	ng		97
41) Benzo(g,h,i)perylene	27.794	276	344195	6.158	ng		99

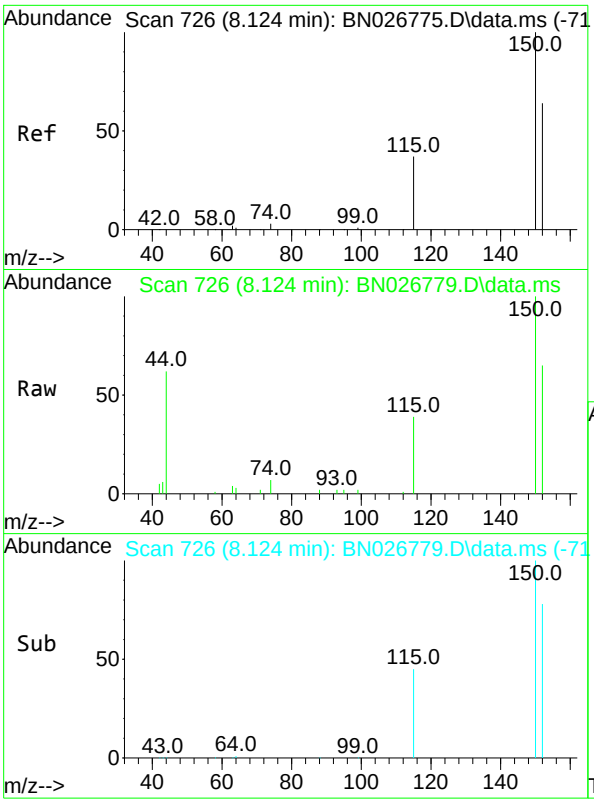
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
Data File : BN026779.D
Acq On : 01 Aug 2023 11:55
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Aug 02 00:25:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:20:57 2023
Response via : Initial Calibration



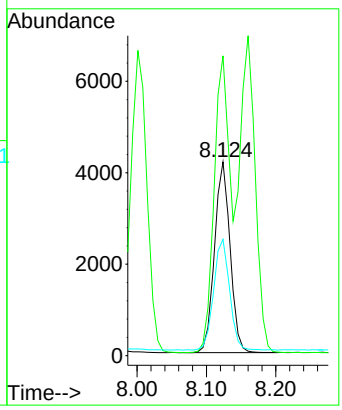


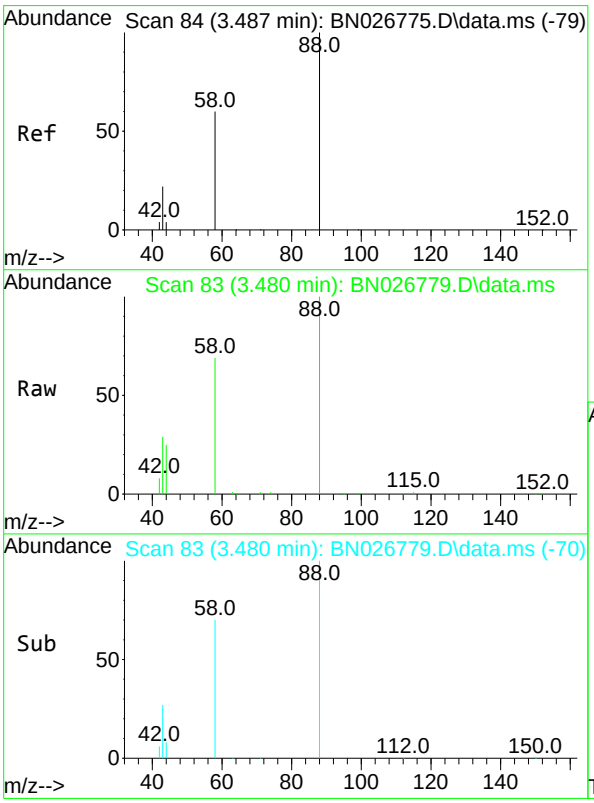
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.124 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 6541

Ion	Ratio	Lower	Upper
152	100		
150	154.8	123.8	185.8
115	60.0	48.0	72.0

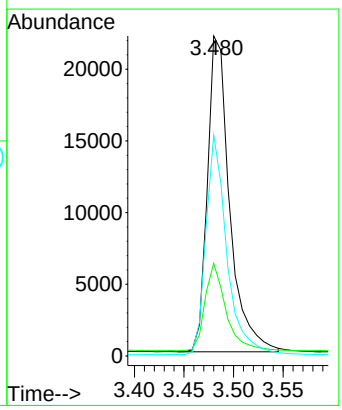


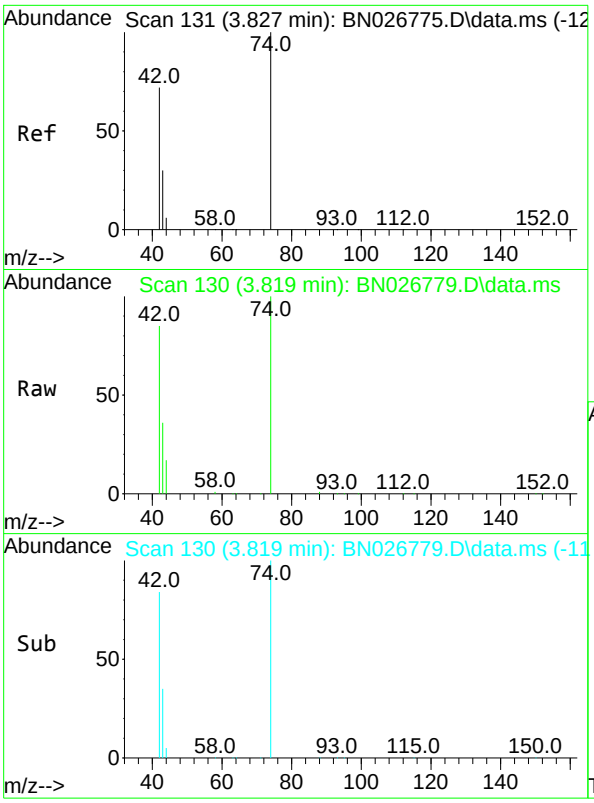


#2
1,4-Dioxane
Concen: 4.508 ng
RT: 3.480 min Scan# 83
Delta R.T. -0.007 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion: 88 Resp: 34417

Ion	Ratio	Lower	Upper
88	100		
43	25.9	21.7	32.5
58	65.5	53.3	79.9



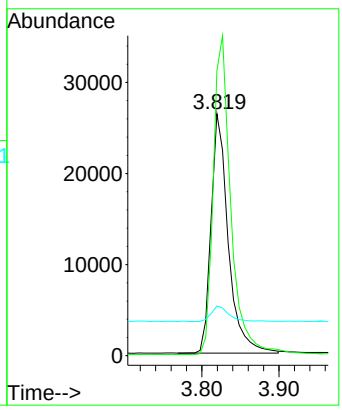


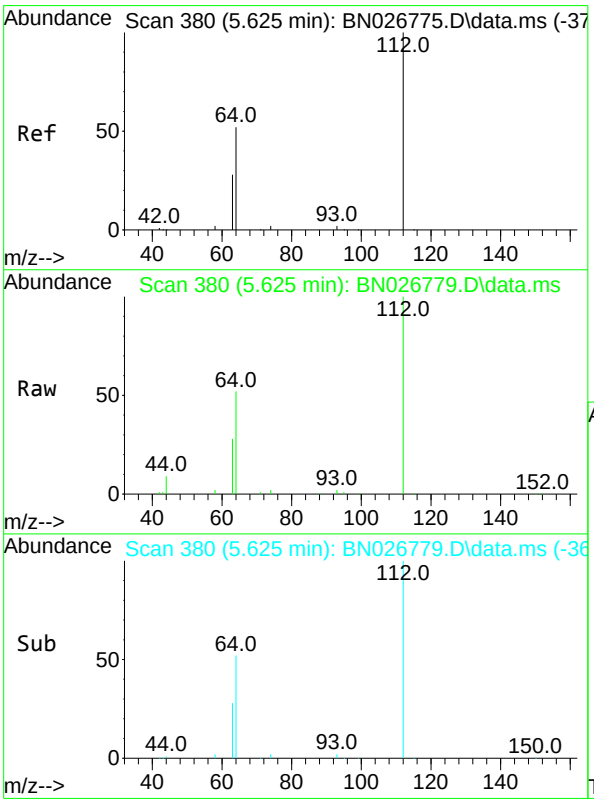
#3
n-Nitrosodimethylamine
Concen: 4.773 ng
RT: 3.819 min Scan# 1
Delta R.T. -0.007 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 42 Resp: 40673

Ion	Ratio	Lower	Upper
42	100		
74	135.5	106.4	159.6
44	6.9	7.3	10.9#

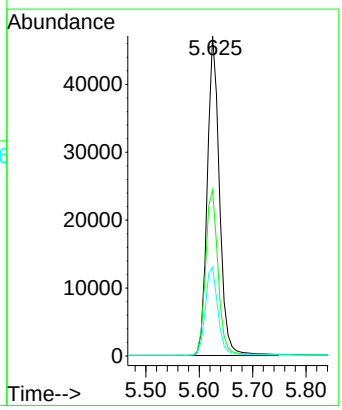


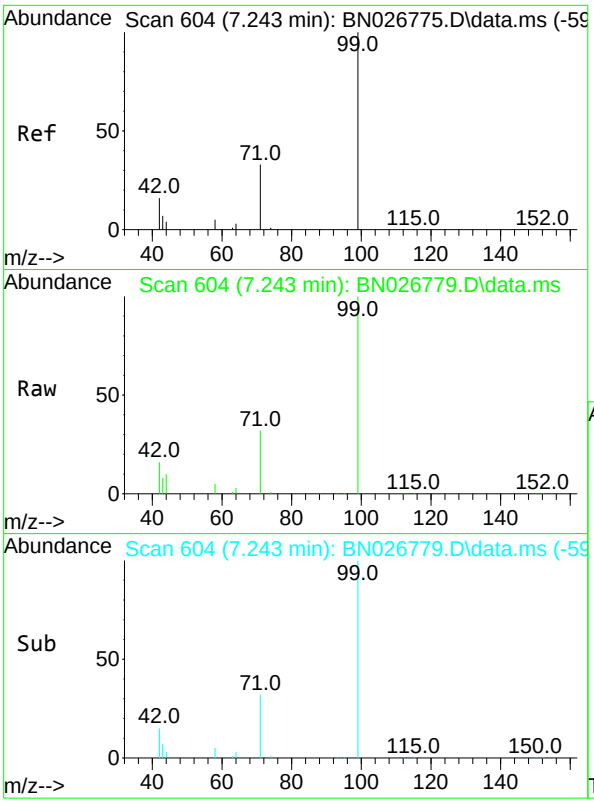


#4
2-Fluorophenol
Concen: 4.519 ng
RT: 5.625 min Scan# 380
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:112 Resp: 74868

Ion	Ratio	Lower	Upper
112	100		
64	53.3	42.2	63.2
63	28.7	22.7	34.1



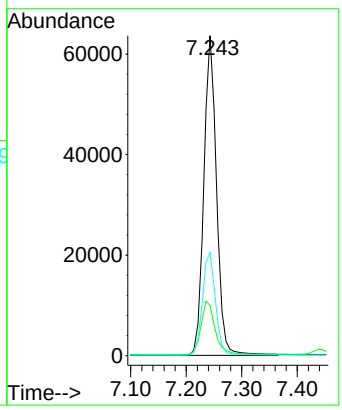


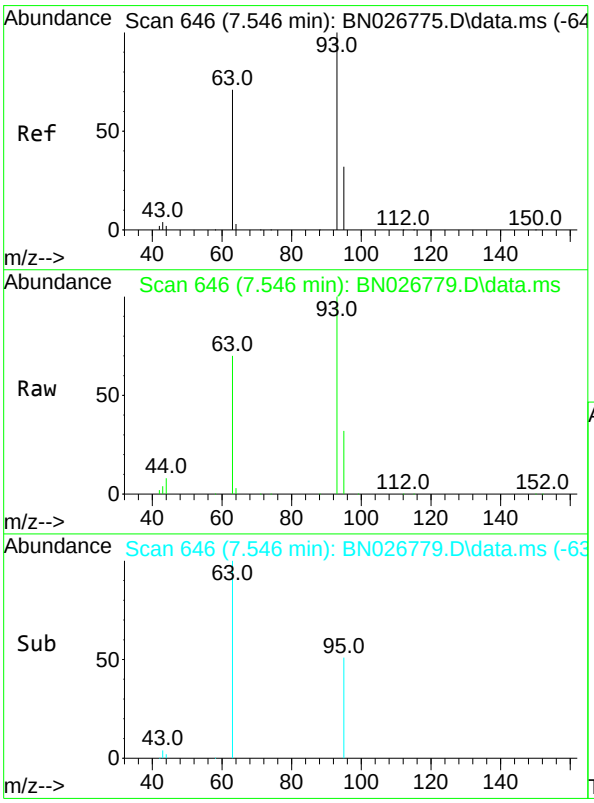
#5
Phenol-d6
Concen: 4.725 ng
RT: 7.243 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion: 99 Resp: 101350

Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.6	22.0
71	33.2	26.6	40.0

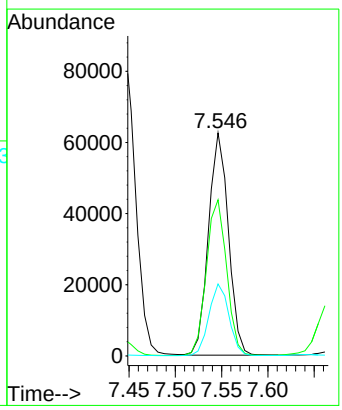


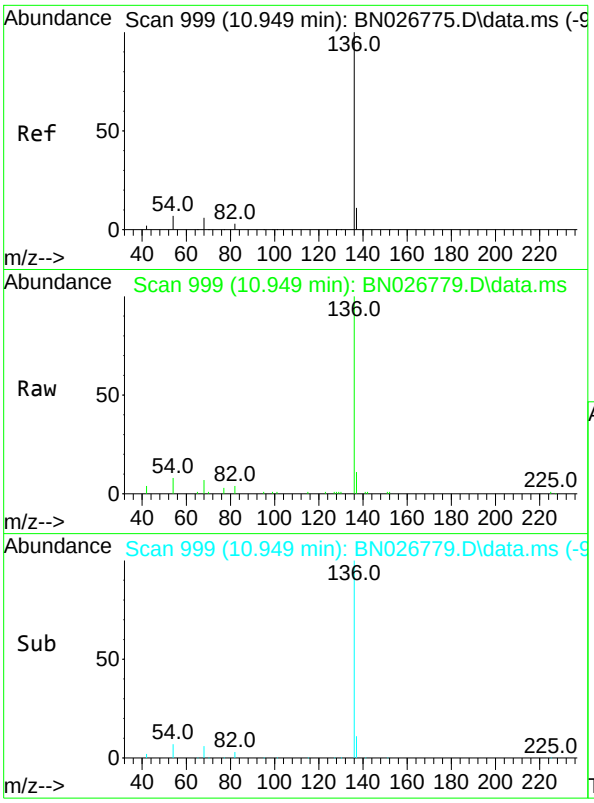


#6
bis(2-Chloroethyl)ether
Concen: 4.836 ng
RT: 7.546 min Scan# 646
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion: 93 Resp: 93509

Ion	Ratio	Lower	Upper
93	100		
63	71.1	56.7	85.1
95	32.4	25.9	38.9



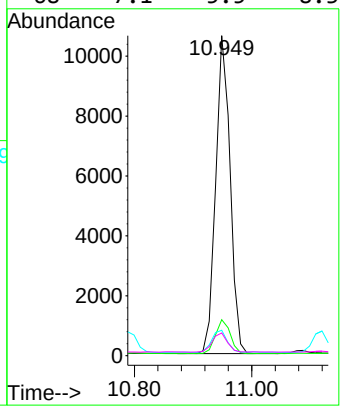


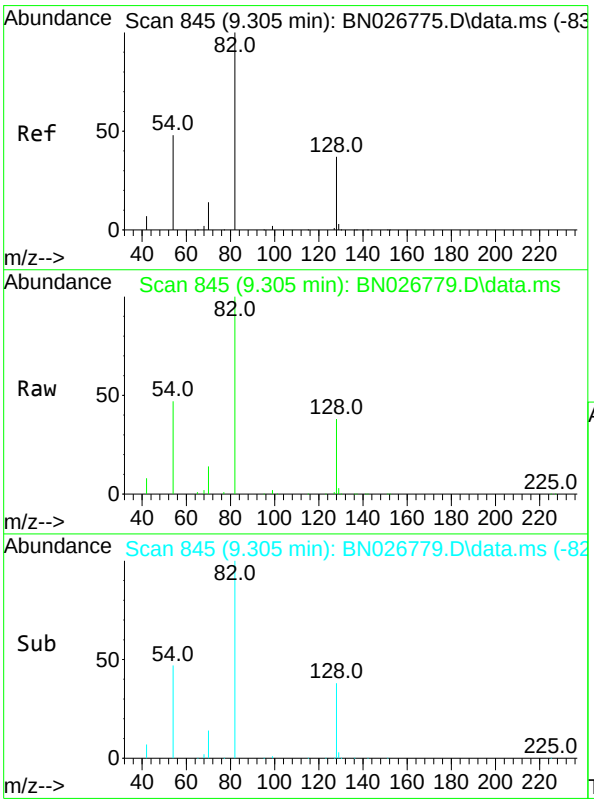
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.949 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:136 Resp: 18012

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.0	6.2	9.2
68	7.1	5.5	8.3

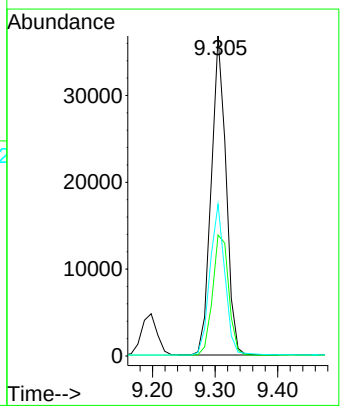


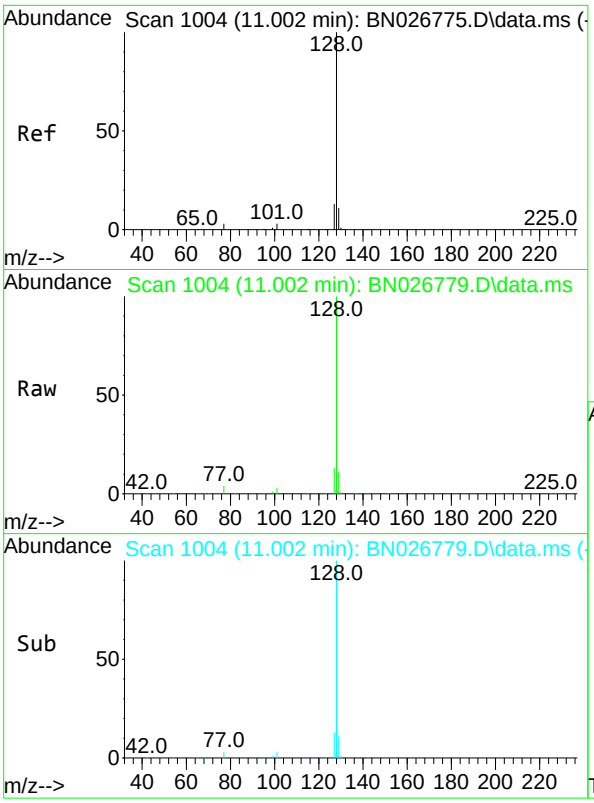


#8
Nitrobenzene-d5
Concen: 5.637 ng
RT: 9.305 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion: 82 Resp: 60126

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.5	45.7
54	47.4	39.4	59.2



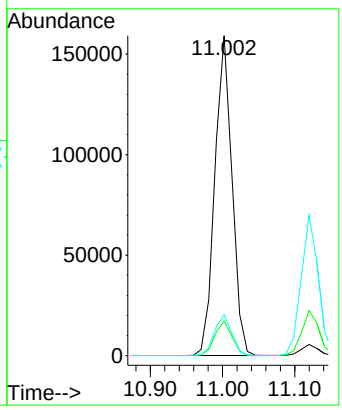


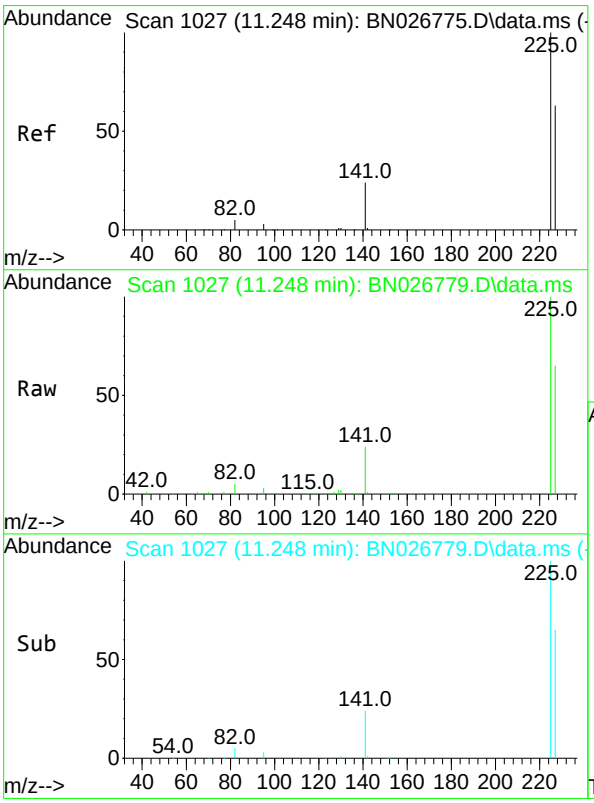
#9
Naphthalene
Concen: 5.296 ng
RT: 11.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:128 Resp: 262293

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.8	10.6	16.0

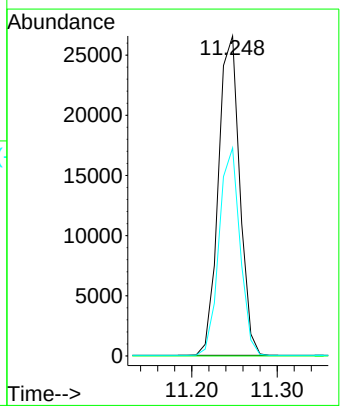


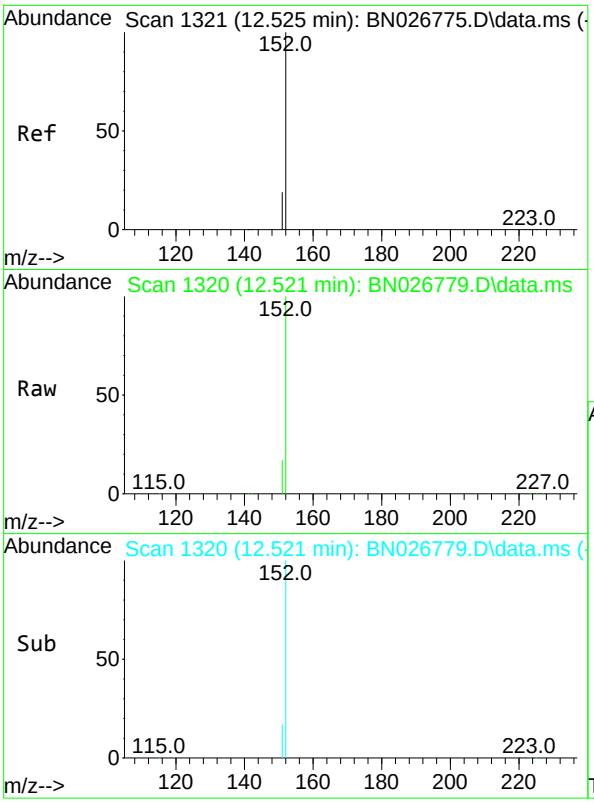


#10
Hexachlorobutadiene
Concen: 5.129 ng
RT: 11.248 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:225 Resp: 46071

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.5	75.7



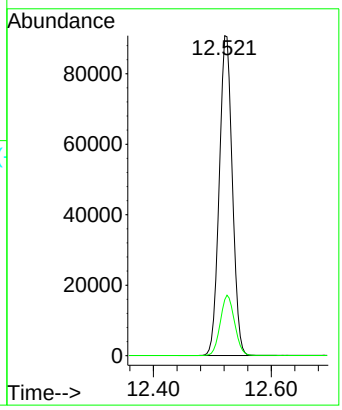


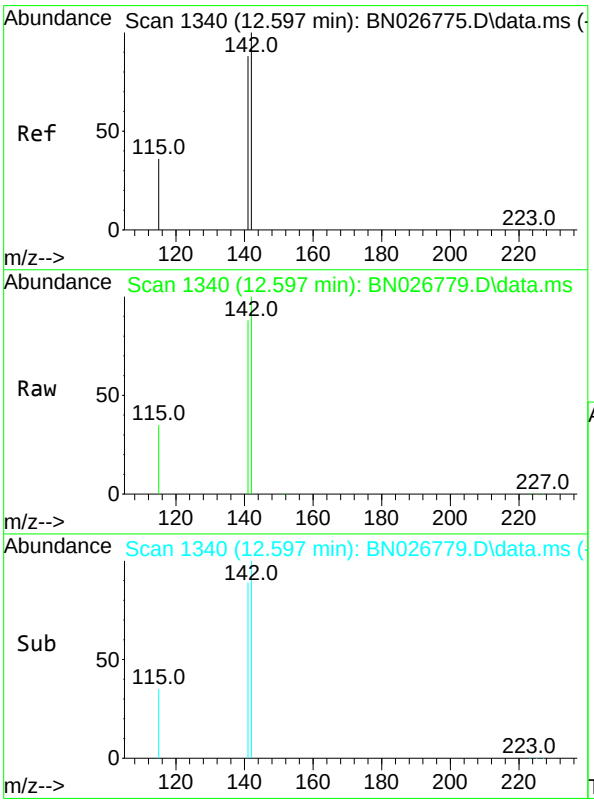
#11
2-Methylnaphthalene-d10
Concen: 5.425 ng
RT: 12.521 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:152 Resp: 140106

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

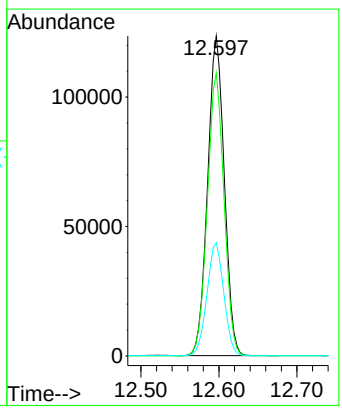


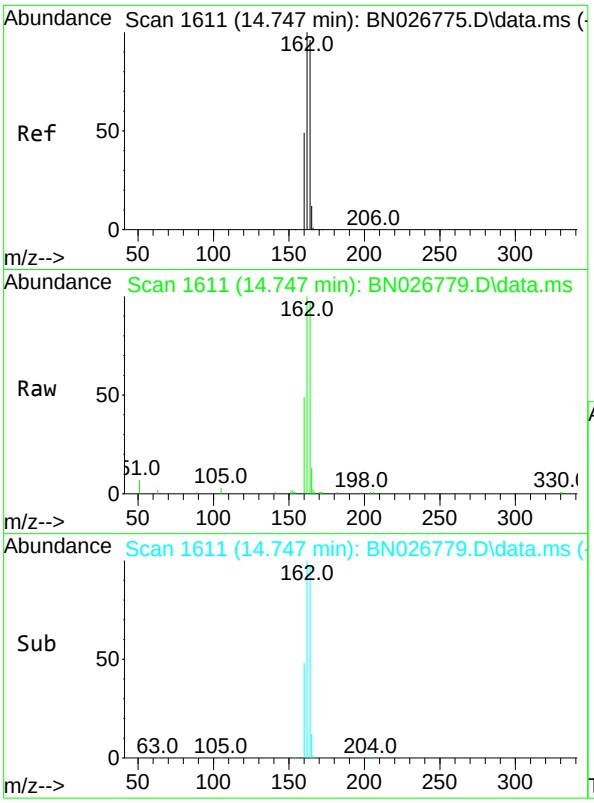


#12
2-Methylnaphthalene
Concen: 5.427 ng
RT: 12.597 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:142 Resp: 183468

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5
115	35.4	29.2	43.8



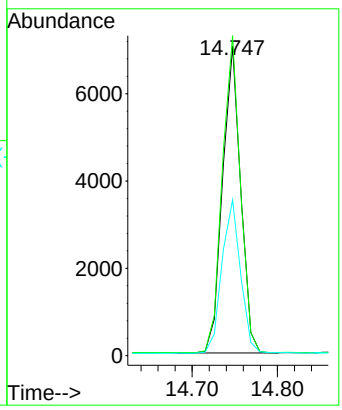


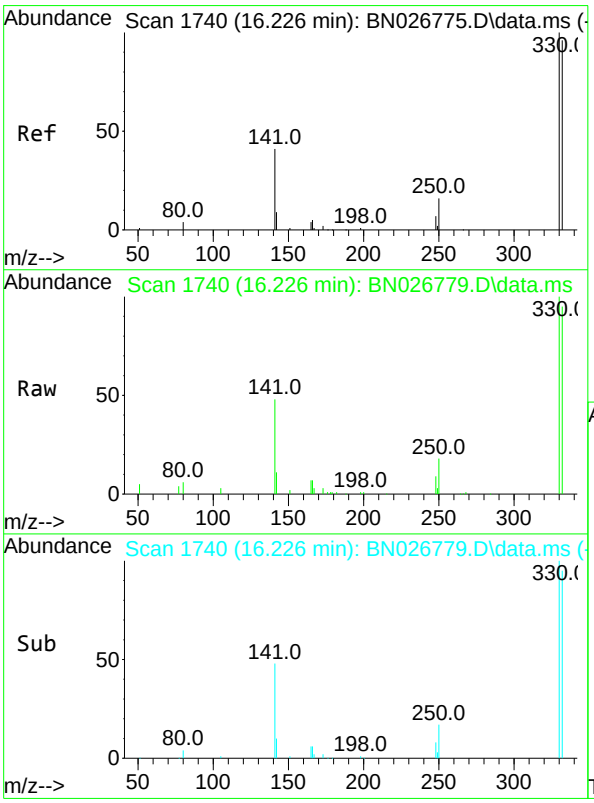
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.747 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:164 Resp: 10307

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.0	124.6
160	50.3	40.8	61.2

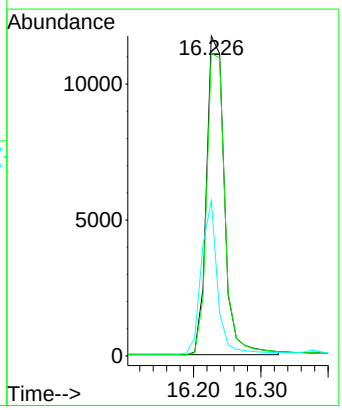


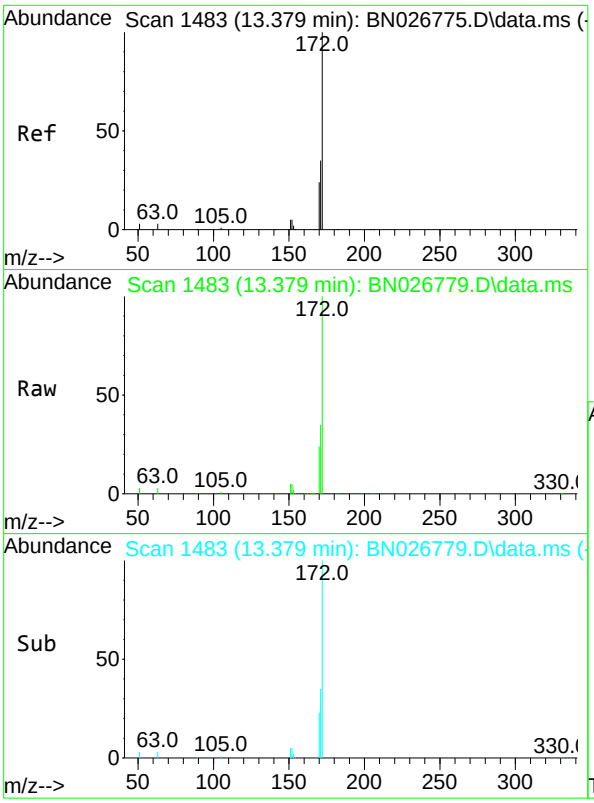


#14
2,4,6-Tribromophenol
Concen: 6.183 ng
RT: 16.226 min Scan# 1740
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:330 Resp: 21696

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.6
141	43.3	34.8	52.2



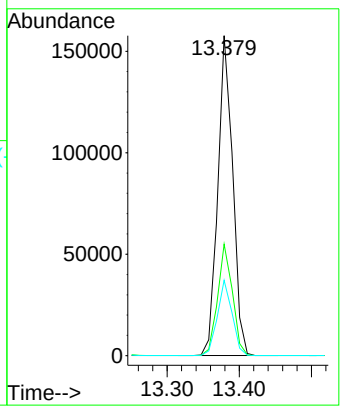


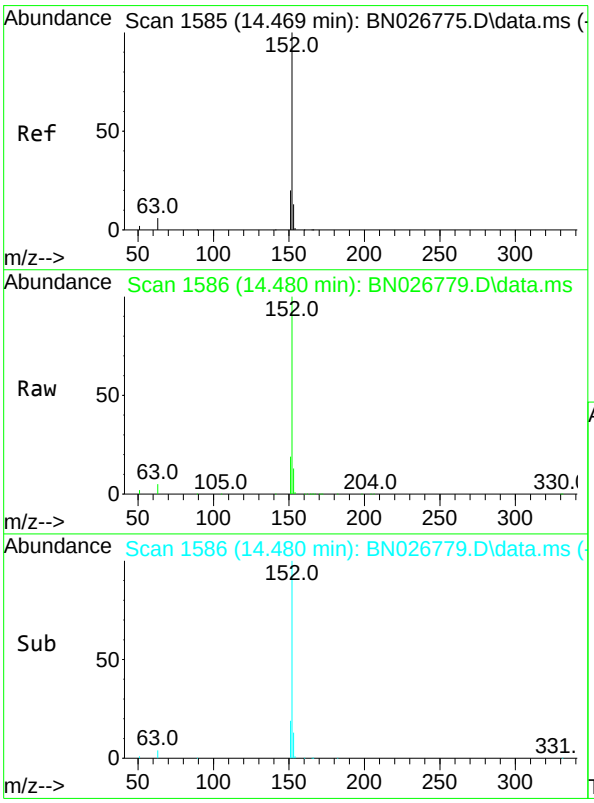
#15
2-Fluorobiphenyl
Concen: 5.357 ng
RT: 13.379 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:172 Resp: 225423

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.5	19.2	28.8

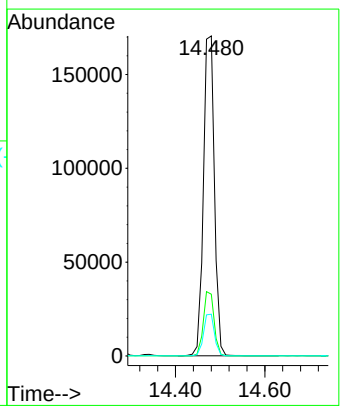


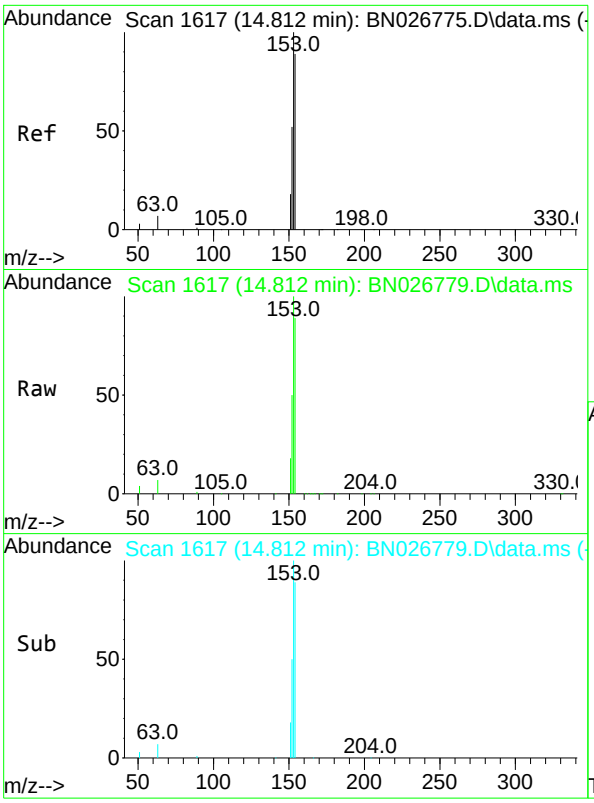


#16
Acenaphthylene
Concen: 5.695 ng
RT: 14.480 min Scan# 1586
Delta R.T. 0.011 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:152 Resp: 290156

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.5	15.7



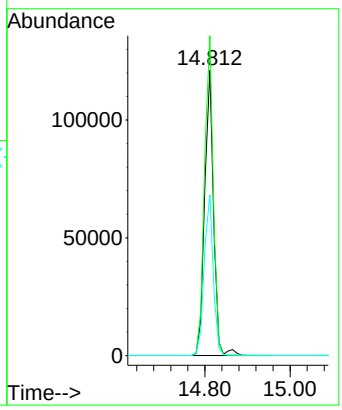


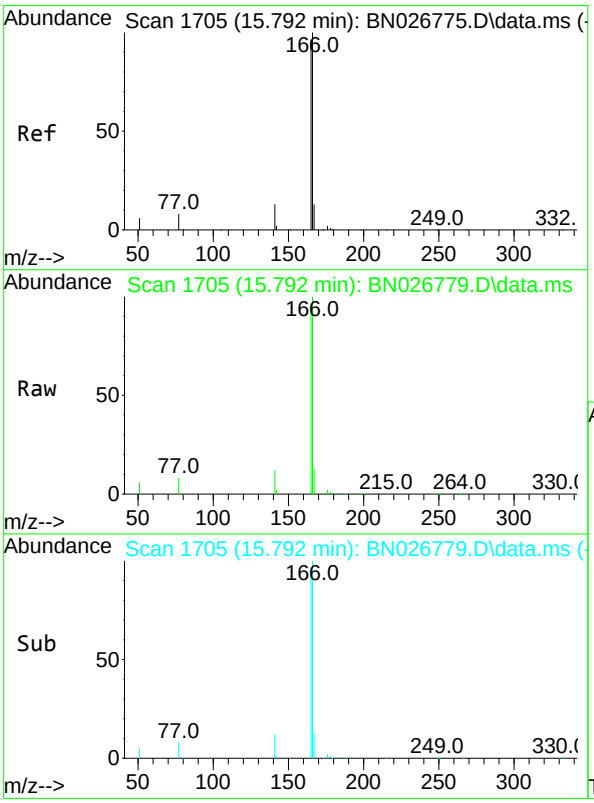
#17
Acenaphthene
Concen: 5.481 ng
RT: 14.812 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:154 Resp: 175199

Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.0	135.0
152	57.5	48.6	73.0

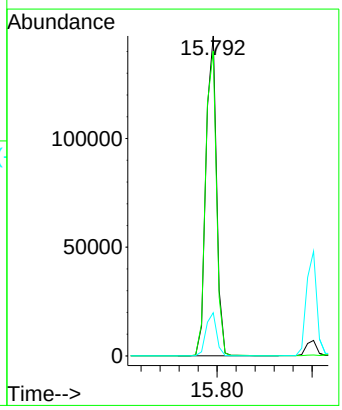


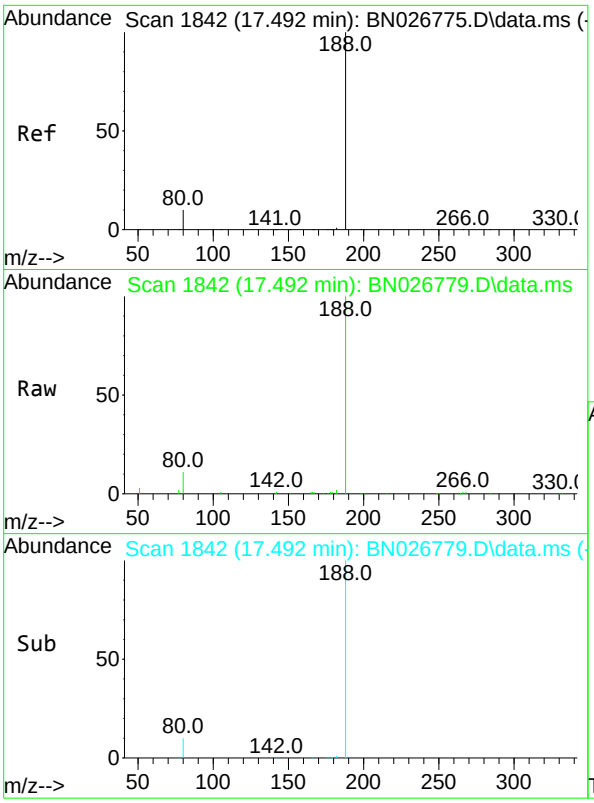


#18
Fluorene
Concen: 5.516 ng
RT: 15.792 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:166 Resp: 229519

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.0	118.6
167	13.5	10.9	16.3



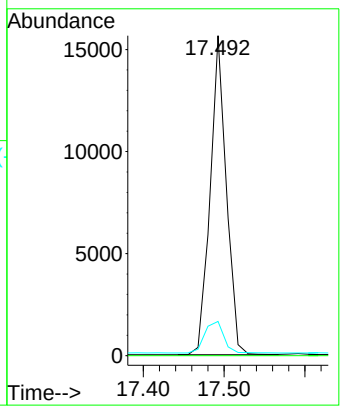


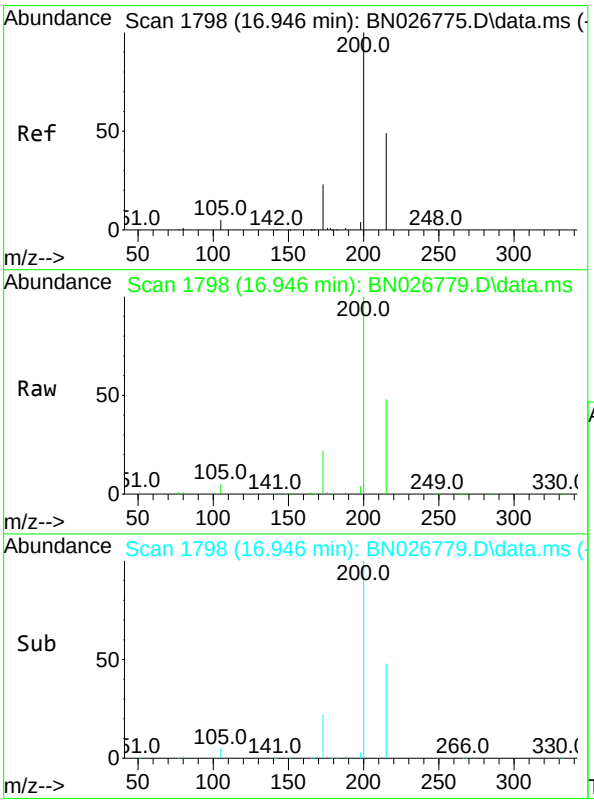
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.492 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:188 Resp: 21709

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	8.0	12.0

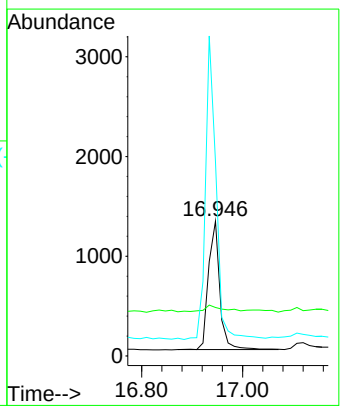


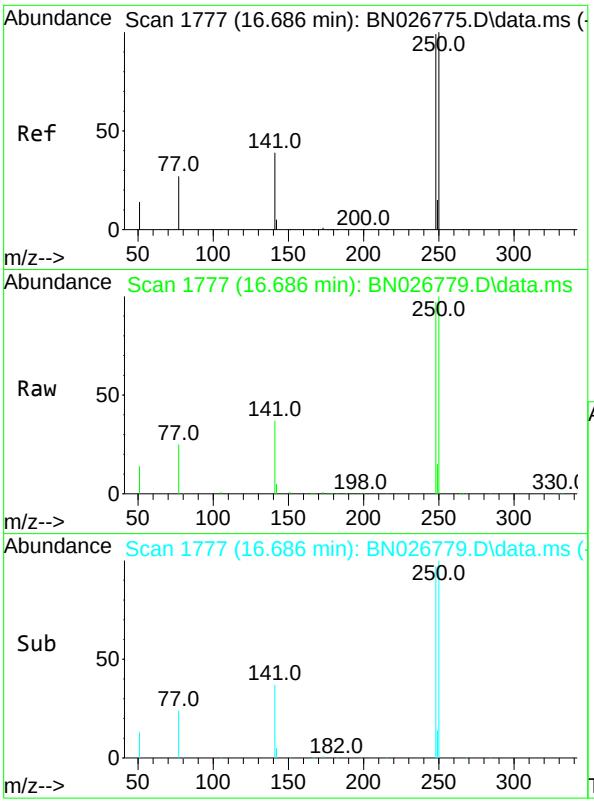


#20
4,6-Dinitro-2-methylphenol
Concen: 5.700 ng
RT: 16.946 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:198 Resp: 2003

Ion	Ratio	Lower	Upper
198	100		
51	35.9	150.5	225.7#
105	144.0	165.0	247.6#



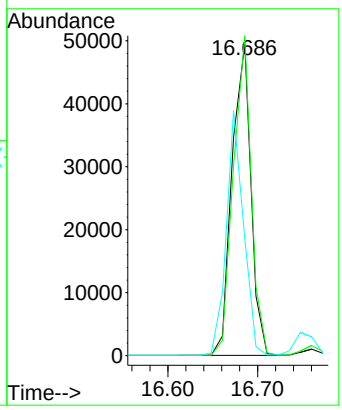


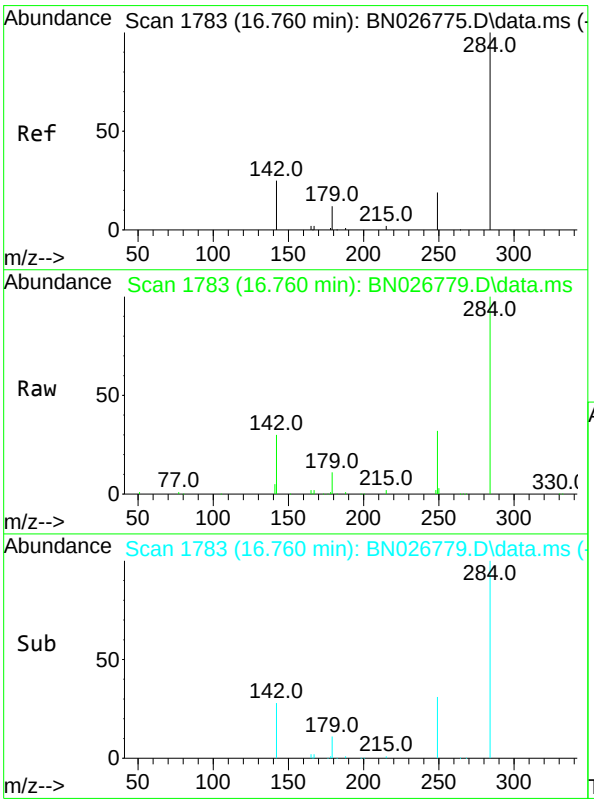
#21
4-Bromophenyl-phenylether
Concen: 5.505 ng
RT: 16.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:248 Resp: 72256

Ion	Ratio	Lower	Upper
248	100		
250	102.6	80.6	121.0
141	37.6	32.6	48.8

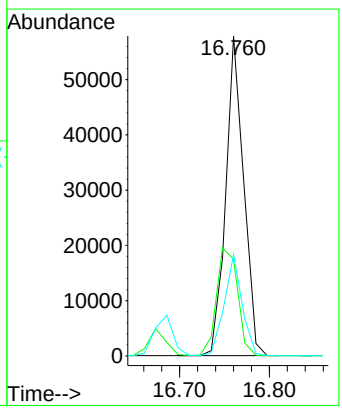


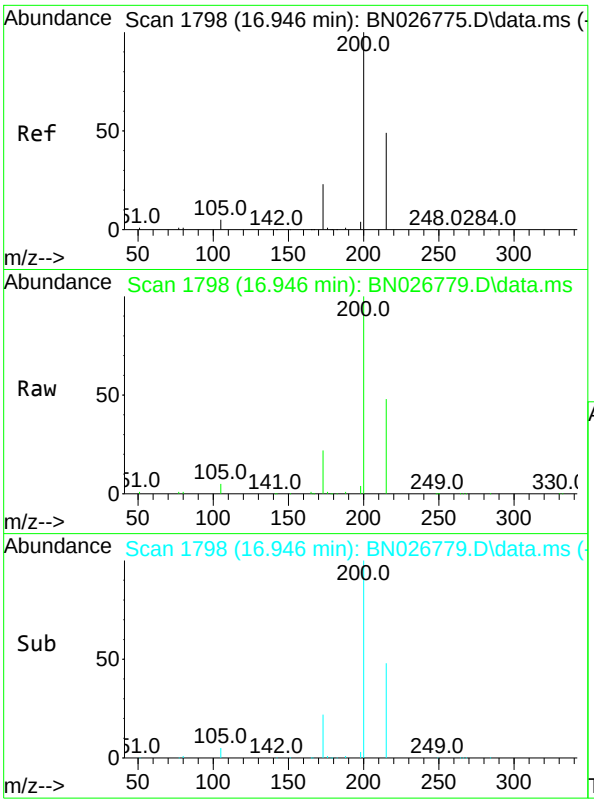


#22
Hexachlorobenzene
Concen: 5.342 ng
RT: 16.760 min Scan# 1783
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:284 Resp: 80126

Ion	Ratio	Lower	Upper
284	100		
142	39.8	32.0	48.0
249	31.2	25.0	37.4



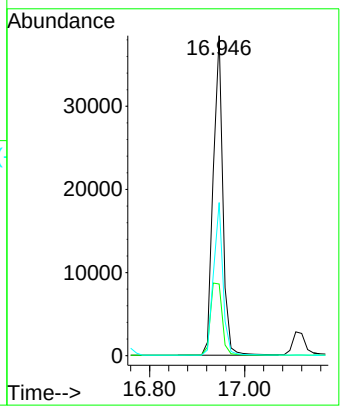


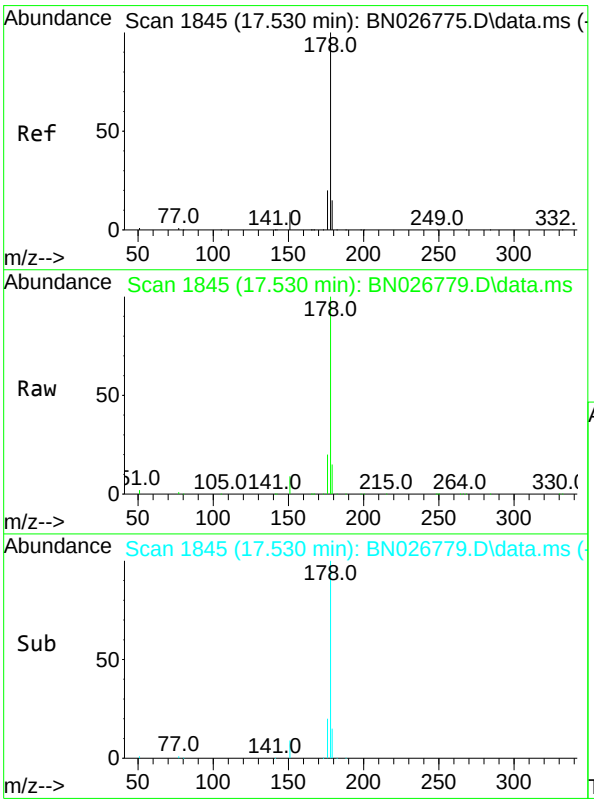
#23
Atrazine
Concen: 6.211 ng
RT: 16.946 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:200 Resp: 53828

Ion	Ratio	Lower	Upper
200	100		
173	22.4	19.2	28.8
215	47.8	39.8	59.8

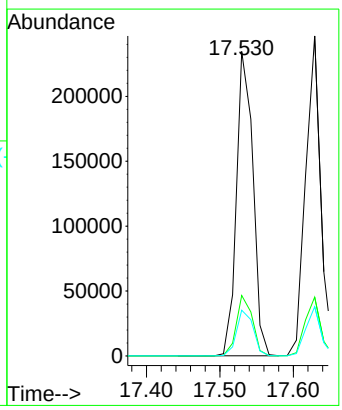


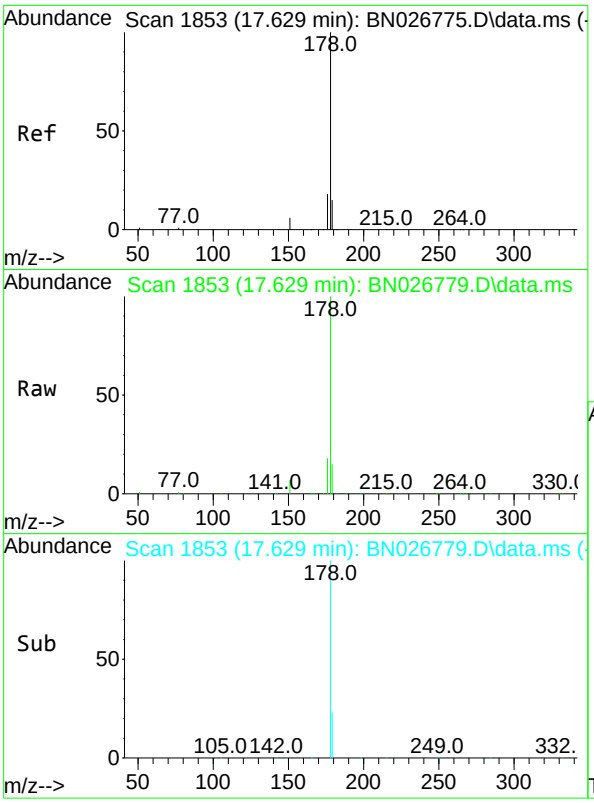


#25
Phenanthrene
Concen: 5.541 ng
RT: 17.530 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:178 Resp: 365301

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.0
179	15.1	12.2	18.2



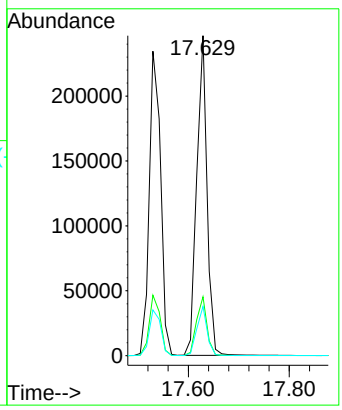


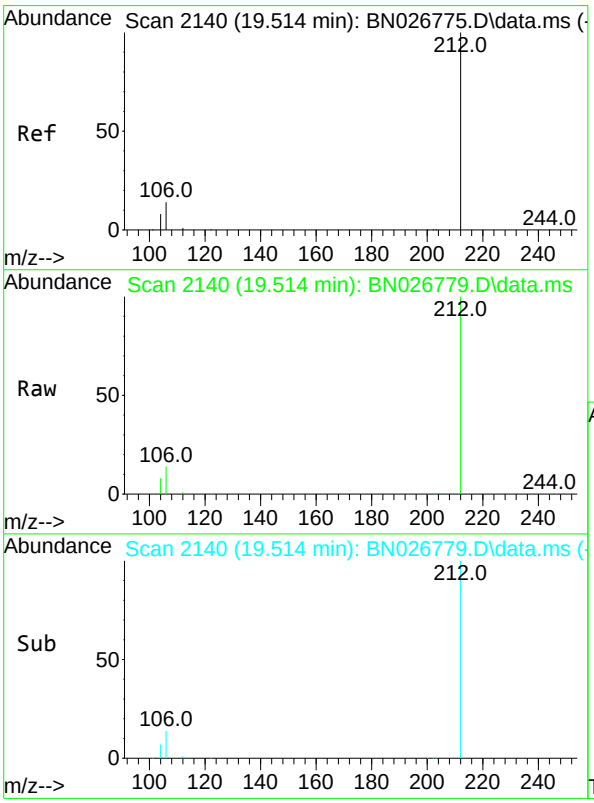
#26
Anthracene
Concen: 5.939 ng
RT: 17.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:178 Resp: 349873

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.2	12.2	18.2

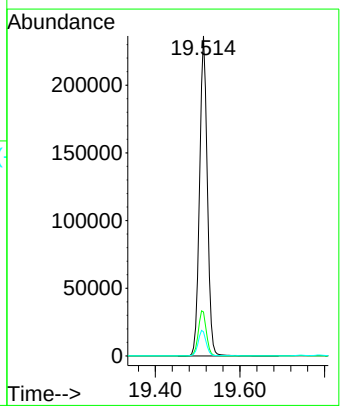


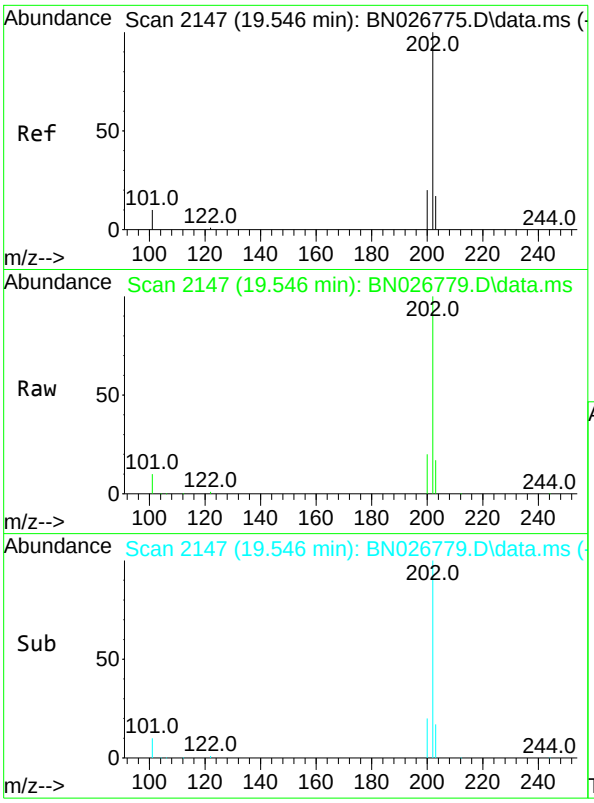


#27
Fluoranthene-d10
Concen: 5.730 ng
RT: 19.514 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:212 Resp: 298694

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.7	17.5
104	8.1	6.4	9.6



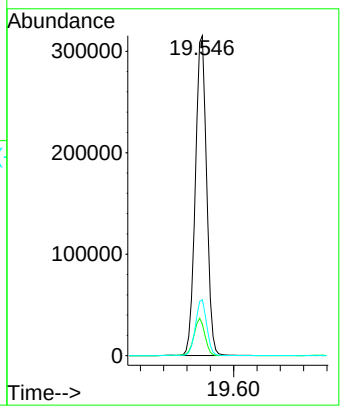


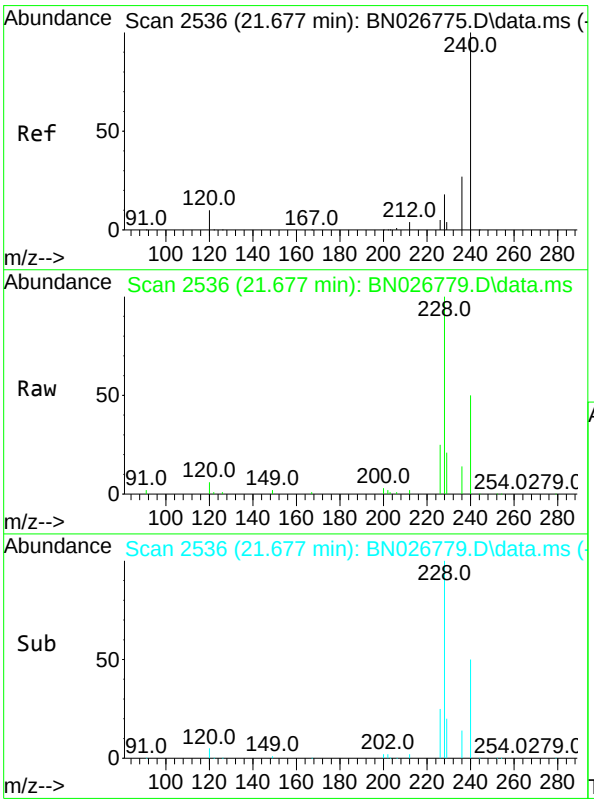
#28
Fluoranthene
Concen: 5.748 ng
RT: 19.546 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 421992

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
203	17.4	13.7	20.5

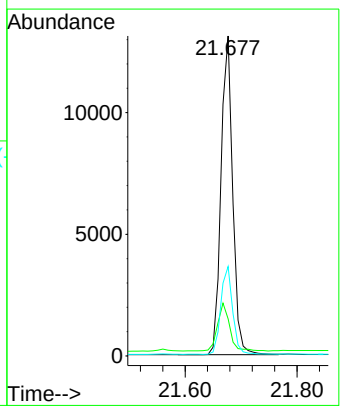


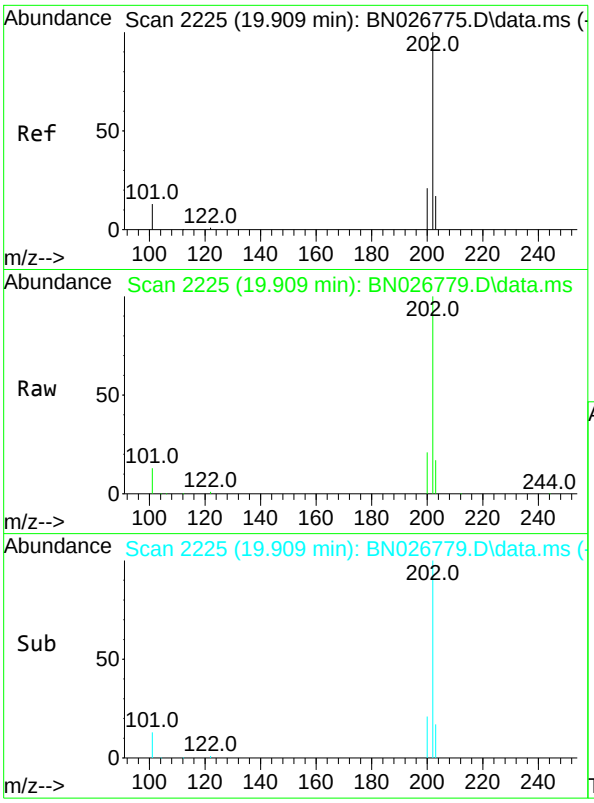


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.677 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:240 Resp: 18945

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	27.9	21.9	32.9



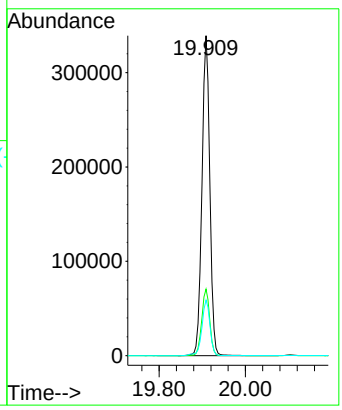


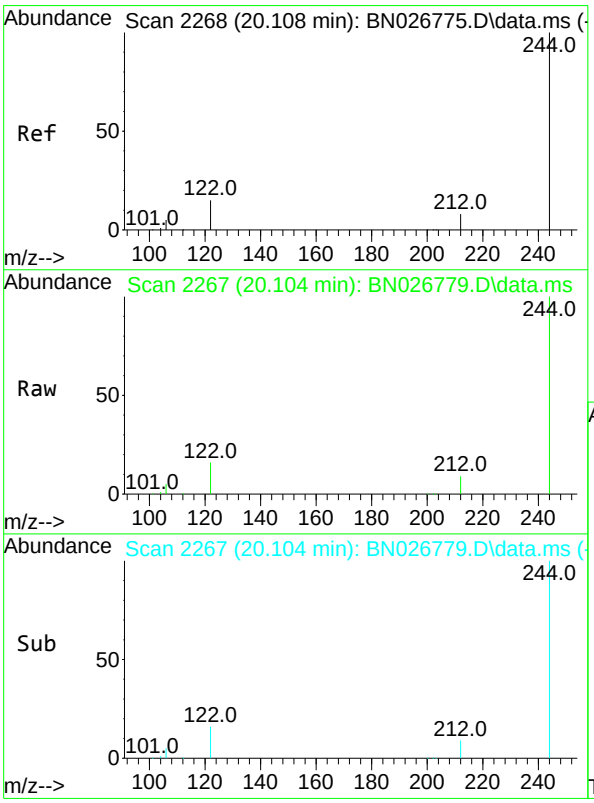
#30
Pyrene
Concen: 5.241 ng
RT: 19.909 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:202 Resp: 429087

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.8	14.2	21.2

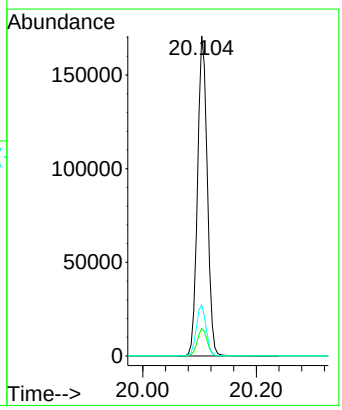


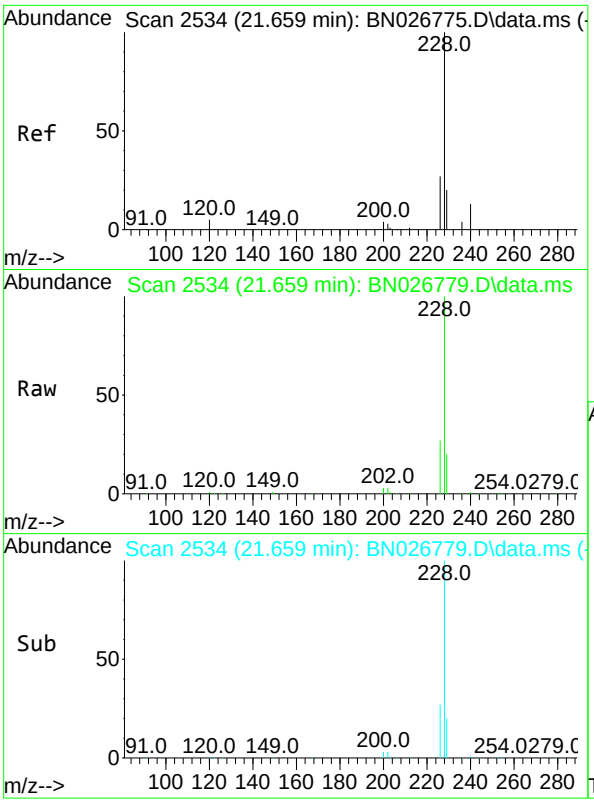


#31
Terphenyl-d14
Concen: 5.149 ng
RT: 20.104 min Scan# 2267
Delta R.T. -0.005 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:244 Resp: 203418

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	15.9	12.3	18.5



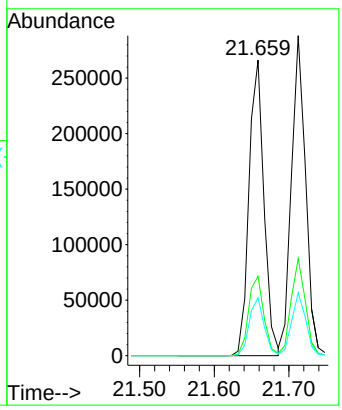


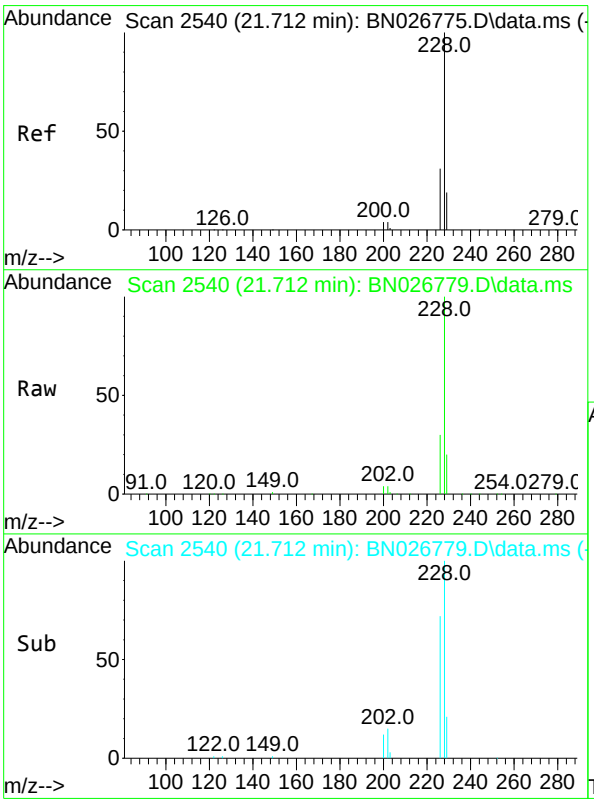
#32
Benzo(a)anthracene
Concen: 5.706 ng
RT: 21.659 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:228 Resp: 371191

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.9	32.9
229	19.6	15.8	23.8

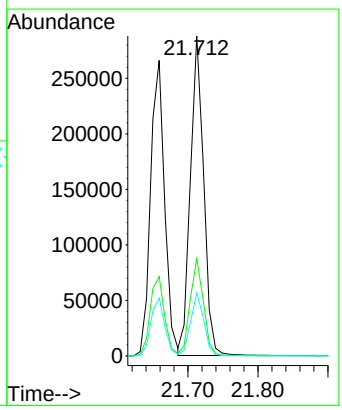


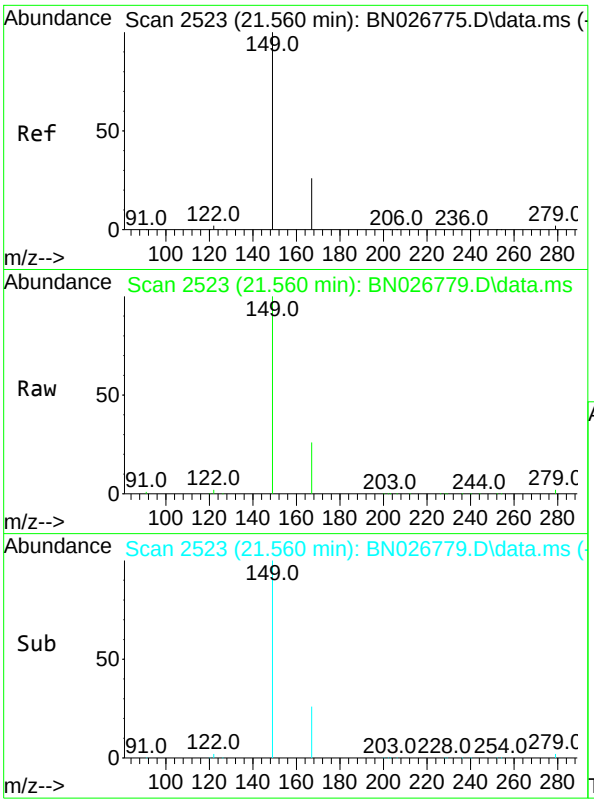


#33
Chrysene
Concen: 5.296 ng
RT: 21.712 min Scan# 2540
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:228 Resp: 380846

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	19.7	15.4	23.2



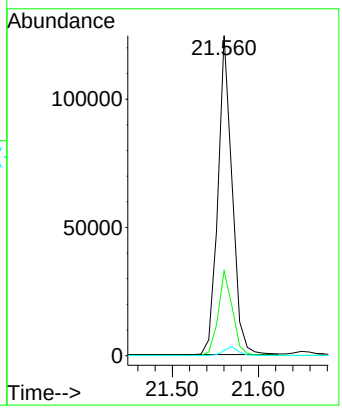


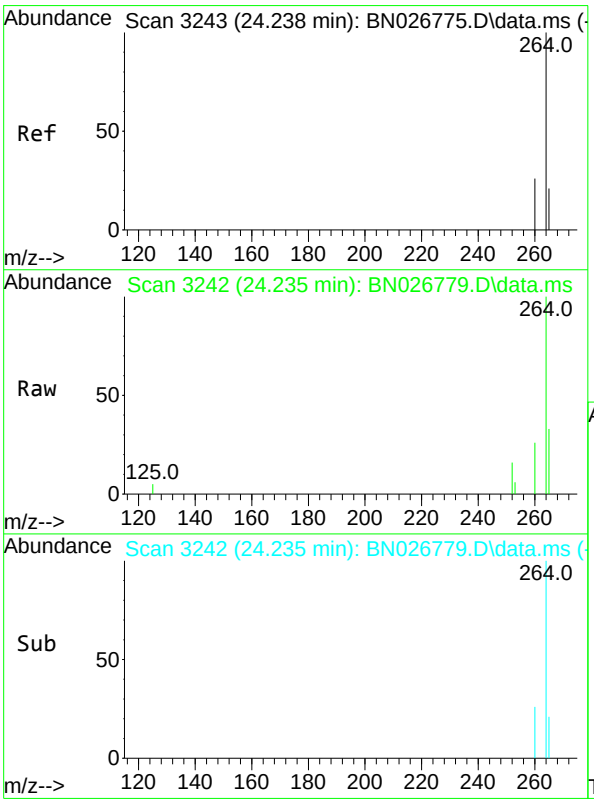
#34
Bis(2-ethylhexyl)phthalate
Concen: 6.572 ng
RT: 21.560 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:149 Resp: 141650

Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.8	31.2
279	2.8	2.4	3.6

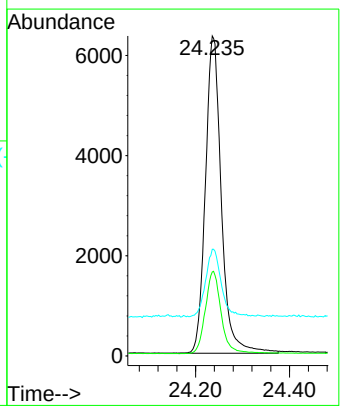


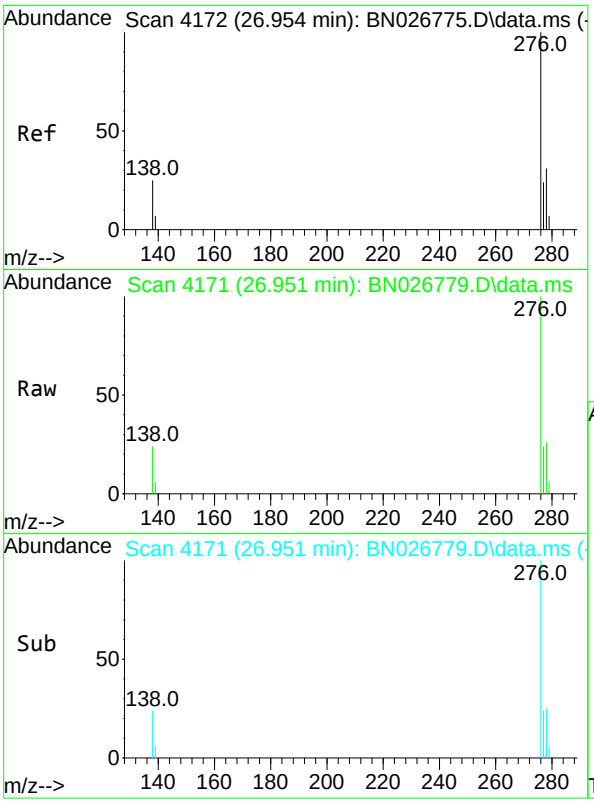


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.235 min Scan# 3242
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:264 Resp: 14897

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	33.3	22.6	33.8



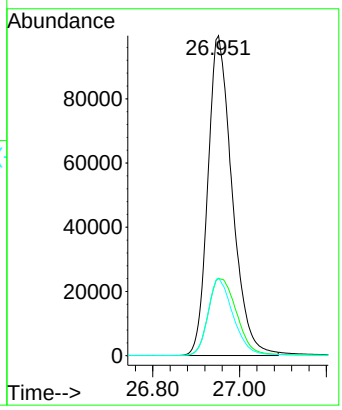


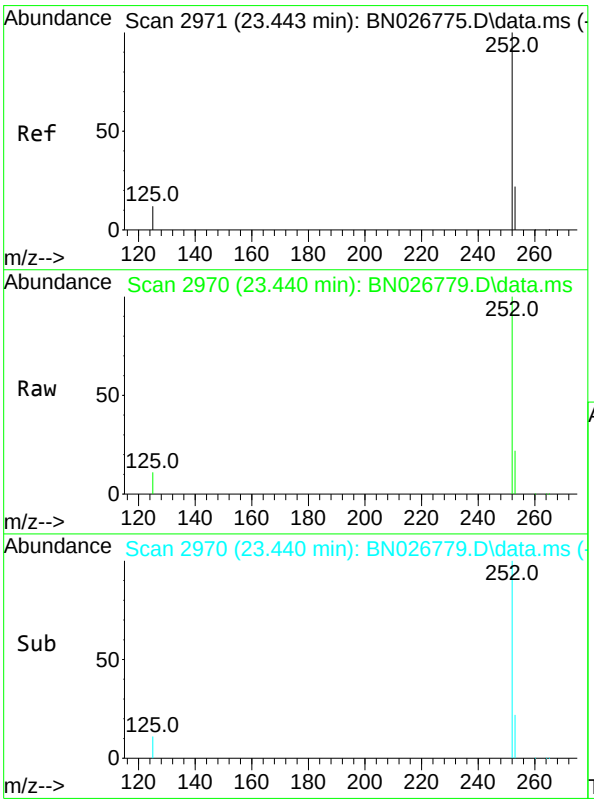
#36
Indeno(1,2,3-cd)pyrene
Concen: 6.362 ng
RT: 26.951 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:276 Resp: 386751

Ion	Ratio	Lower	Upper
276	100		
138	27.9	22.8	34.2
277	24.8	19.9	29.9

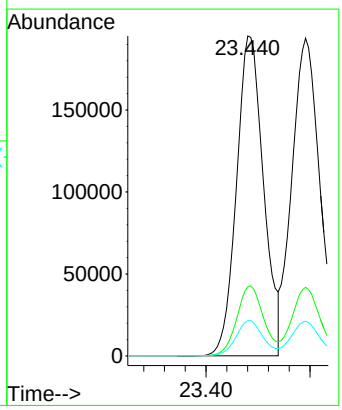


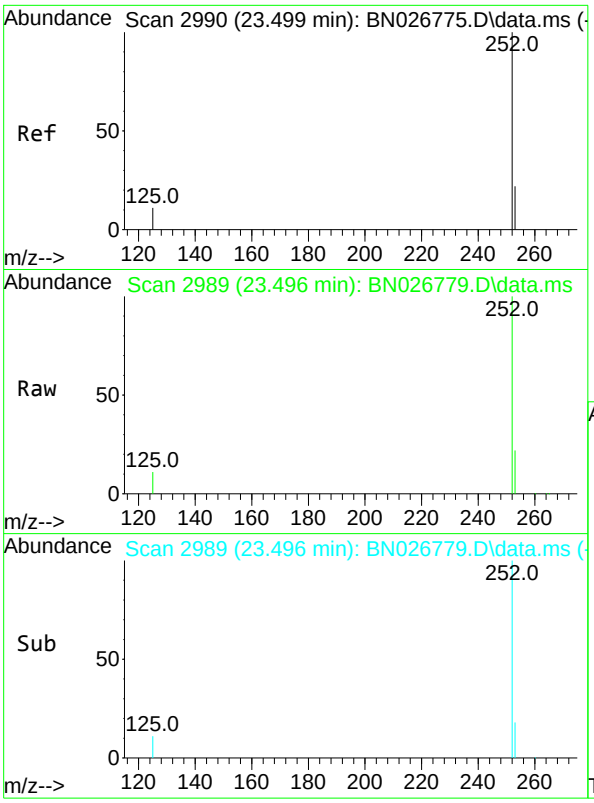


#37
Benzo(b)fluoranthene
Concen: 5.908 ng
RT: 23.440 min Scan# 2970
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:252 Resp: 351763

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	11.0	10.8	16.2



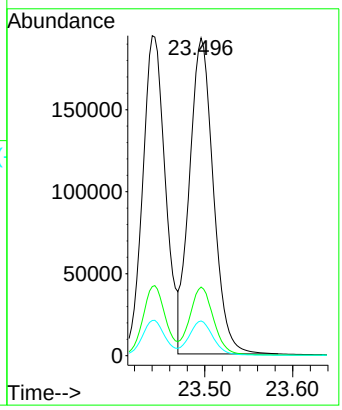


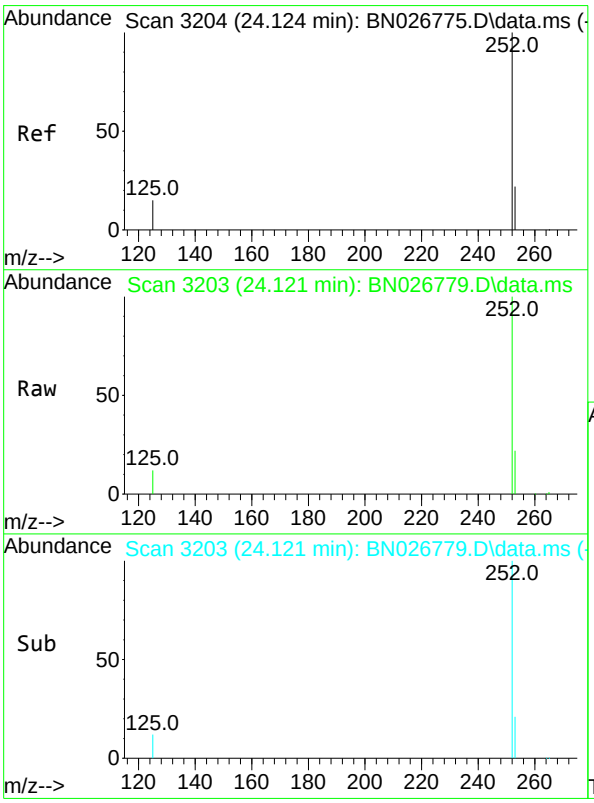
#38
Benzo(k)fluoranthene
Concen: 6.092 ng
RT: 23.496 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:252 Resp: 363878

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	10.9	9.4	14.2

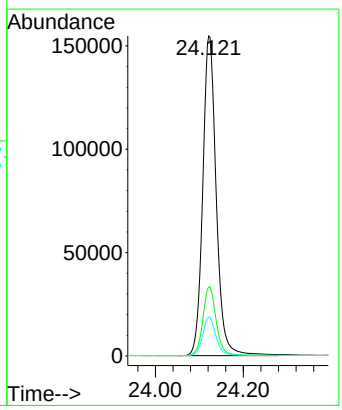


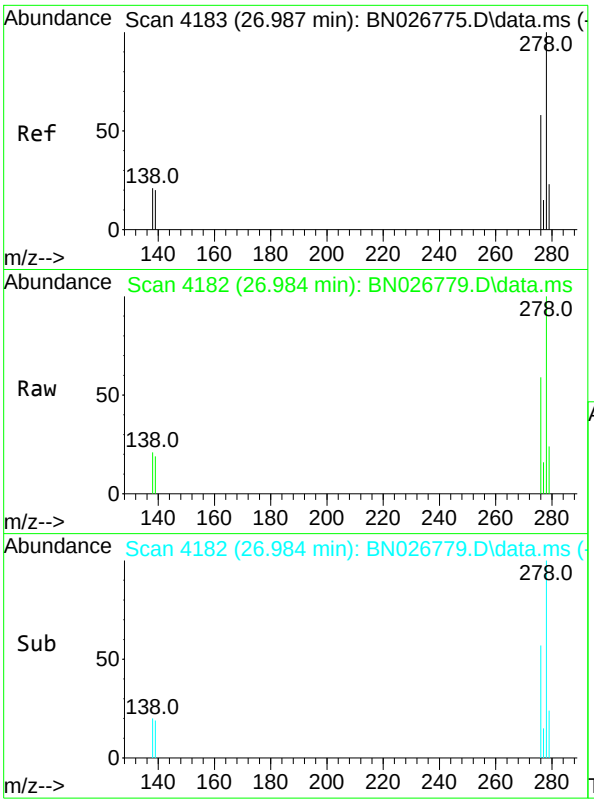


#39
Benzo(a)pyrene
Concen: 6.179 ng
RT: 24.121 min Scan# 3203
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:252 Resp: 330258

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.5	27.7
125	12.1	12.7	19.1#



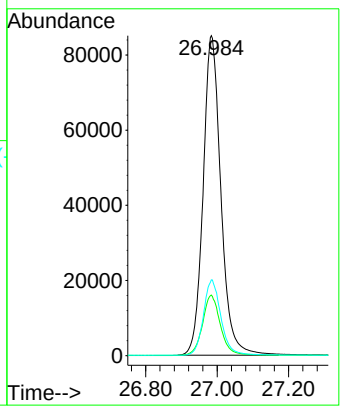


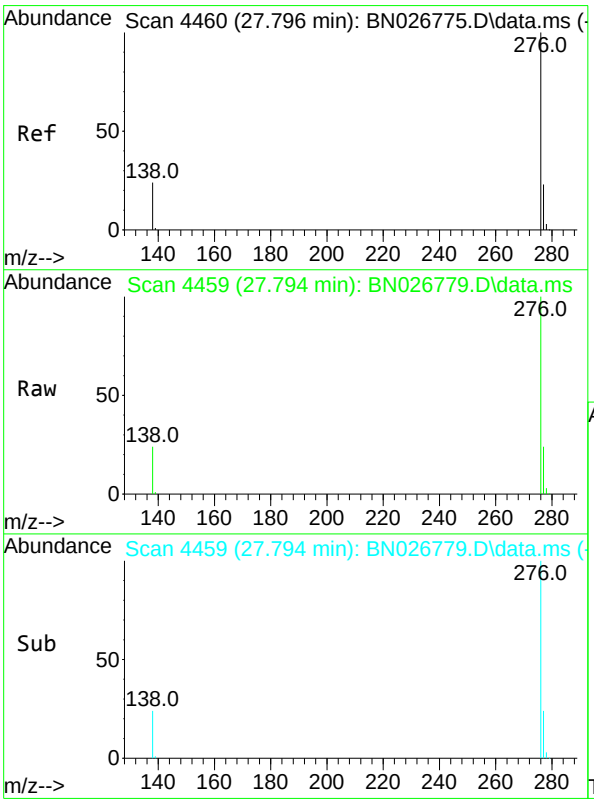
#40
Dibenzo(a,h)anthracene
Concen: 6.228 ng
RT: 26.984 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Tgt Ion:278 Resp: 294056

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.8	25.2
279	23.7	19.5	29.3





#41
Benzo(g,h,i)perylene
Concen: 6.158 ng
RT: 27.794 min Scan# 4459
Delta R.T. -0.003 min
Lab File: BN026779.D
Acq: 01 Aug 2023 11:55

Tgt Ion:276 Resp: 344195

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	24.4	19.8	29.6