Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025455.D
Acq On : 17 May 2023 16:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 18 03:40:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 03:36:39 2023
Response via : Initial Calibration

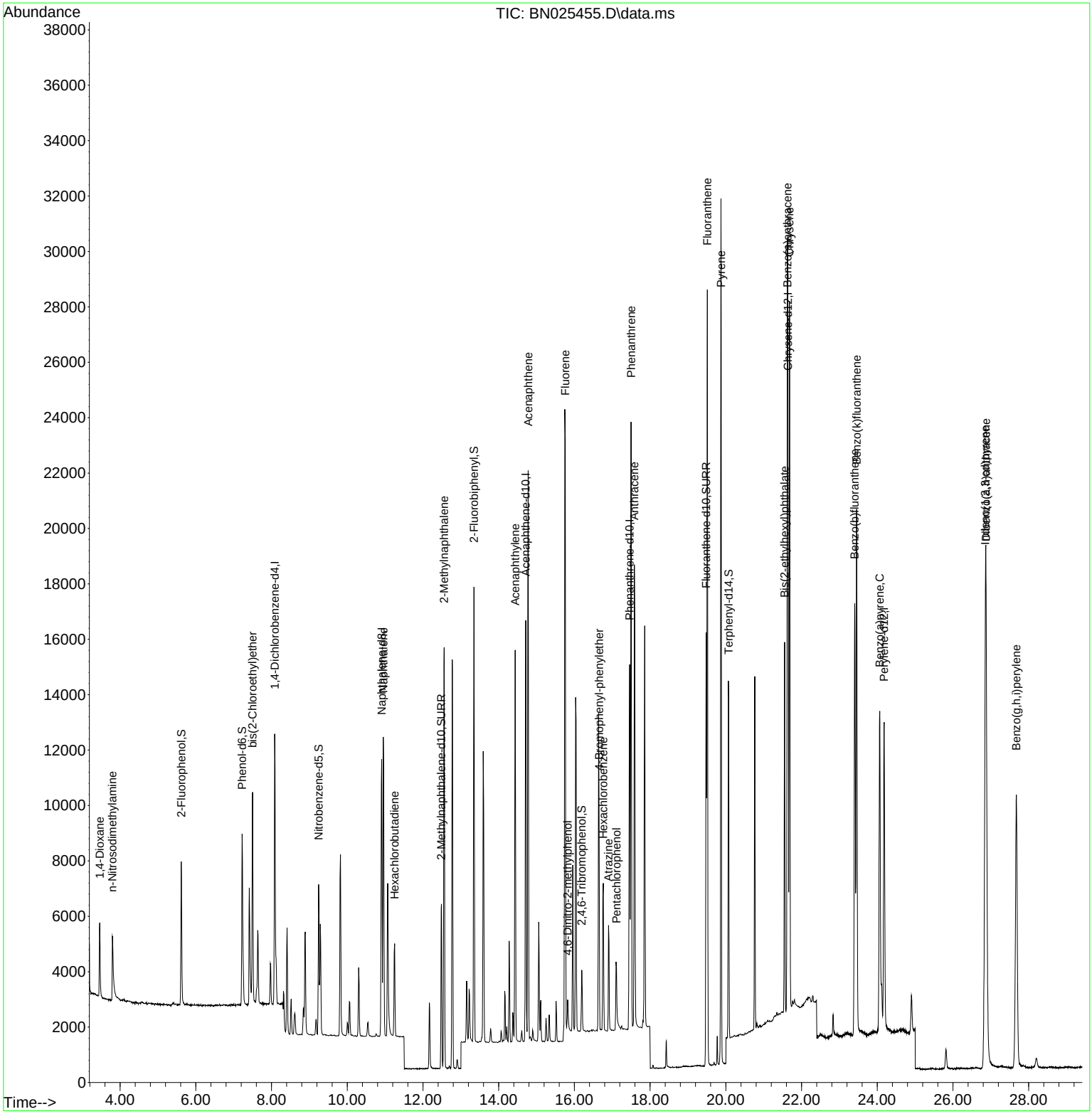
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	4867	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	13884	0.400	ng	#	0.00
13) Acenaphthene-d10	14.715	164	8192	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	18461	0.400	ng	#	0.00
29) Chrysene-d12	21.643	240	15102	0.400	ng		0.00
35) Perylene-d12	24.179	264	16061	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.614	112	4498	0.431	ng		0.00
5) Phenol-d6	7.225	99	5962	0.425	ng		0.00
8) Nitrobenzene-d5	9.244	82	4471	0.471	ng		0.00
11) 2-Methylnaphthalene-d10	12.487	152	7954	0.410	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	1244	0.448	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	13672	0.456	ng		0.00
27) Fluoranthene-d10	19.481	212	17367	0.396	ng		0.00
31) Terphenyl-d14	20.076	244	12283	0.448	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	2025	0.445	ng		97
3) n-Nitrosodimethylamine	3.794	42	2046	0.372	ng	#	92
6) bis(2-Chloroethyl)ether	7.499	93	5995	0.301	ng		92
9) Naphthalene	10.953	128	14780	0.427	ng		99
10) Hexachlorobutadiene	11.252	225	2881	0.424	ng	#	99
12) 2-Methylnaphthalene	12.559	142	10594	0.416	ng		99
16) Acenaphthylene	14.437	152	15528	0.411	ng		100
17) Acenaphthene	14.780	154	10424	0.444	ng		99
18) Fluorene	15.759	166	12877	0.417	ng		95
20) 4,6-Dinitro-2-methylph...	15.821	198	1168	0.509	ng	#	74
21) 4-Bromophenyl-phenylether	16.653	248	4504	0.421	ng	#	88
22) Hexachlorobenzene	16.765	284	4252	0.428	ng		98
23) Atrazine	16.901	200	3359	0.373	ng	#	93
24) Pentachlorophenol	17.112	266	1688	0.551	ng		99
25) Phenanthrene	17.497	178	21967	0.423	ng		100
26) Anthracene	17.584	178	19946	0.397	ng		99
28) Fluoranthene	19.511	202	25220	0.410	ng		99
30) Pyrene	19.873	202	27511	0.477	ng		100
32) Benzo(a)anthracene	21.625	228	22571	0.426	ng		99
33) Chrysene	21.679	228	23922	0.454	ng		98
34) Bis(2-ethylhexyl)phtha...	21.553	149	11964	0.385	ng		100
36) Indeno(1,2,3-cd)pyrene	26.857	276	26200	0.404	ng		98
37) Benzo(b)fluoranthene	23.404	252	22939	0.407	ng		99
38) Benzo(k)fluoranthene	23.457	252	25312	0.438	ng		99
39) Benzo(a)pyrene	24.065	252	21120	0.394	ng		99
40) Dibenzo(a,h)anthracene	26.875	278	21670	0.416	ng		100
41) Benzo(g,h,i)perylene	27.676	276	22529	0.410	ng		100

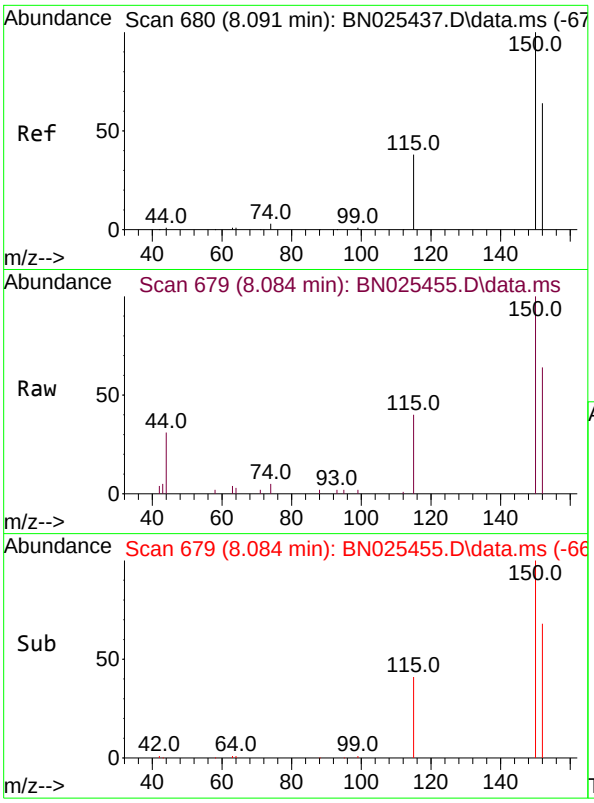
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025455.D
Acq On : 17 May 2023 16:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 18 03:40:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 03:36:39 2023
Response via : Initial Calibration



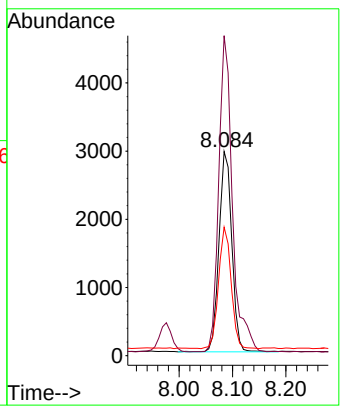


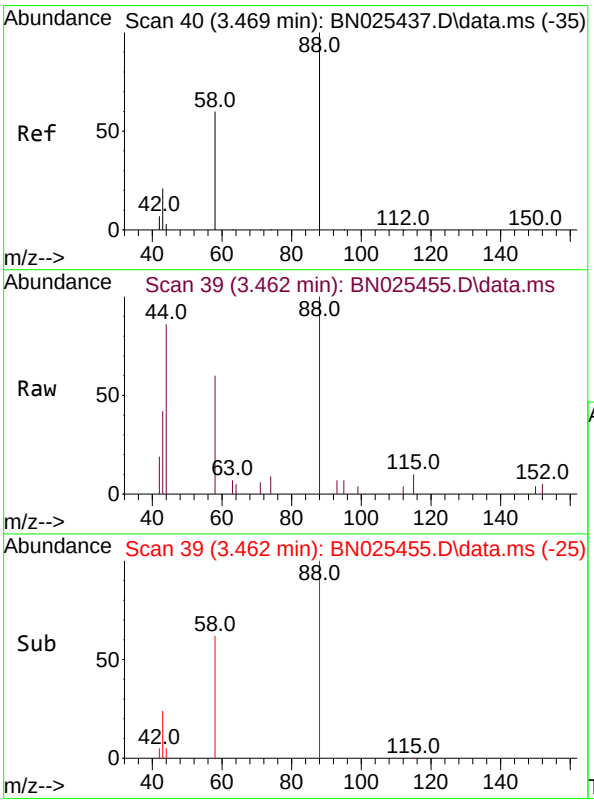
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.084 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 4867

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.7	185.5
115	63.0	50.0	75.0

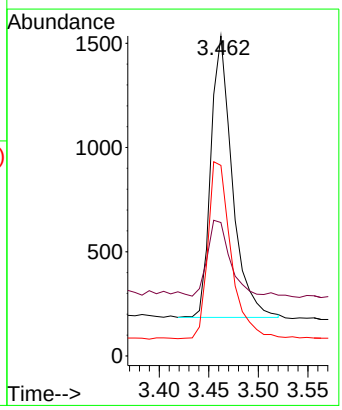


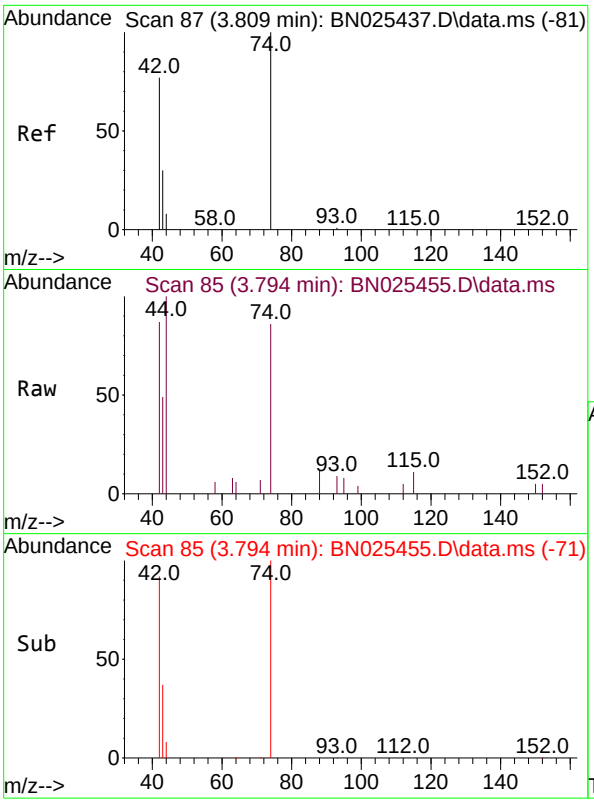


#2
1,4-Dioxane
Concen: 0.445 ng
RT: 3.462 min Scan# 39
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion: 88 Resp: 2025

Ion	Ratio	Lower	Upper
88	100		
43	28.2	25.1	37.7
58	68.0	55.5	83.3



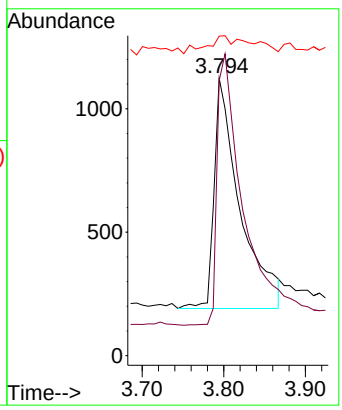


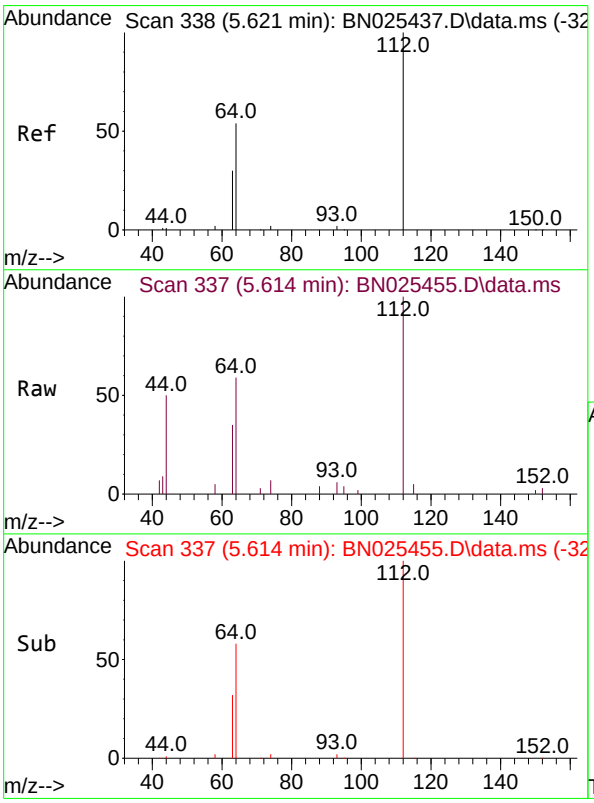
#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.794 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2046

Ion	Ratio	Lower	Upper
42	100		
74	116.3	100.1	150.1
44	6.8	0.0	0.0#

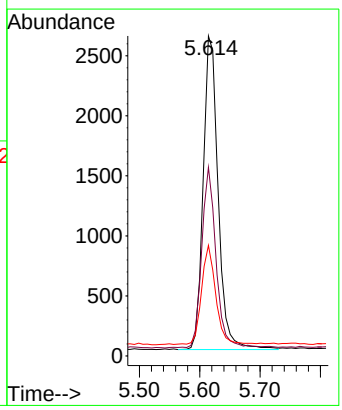


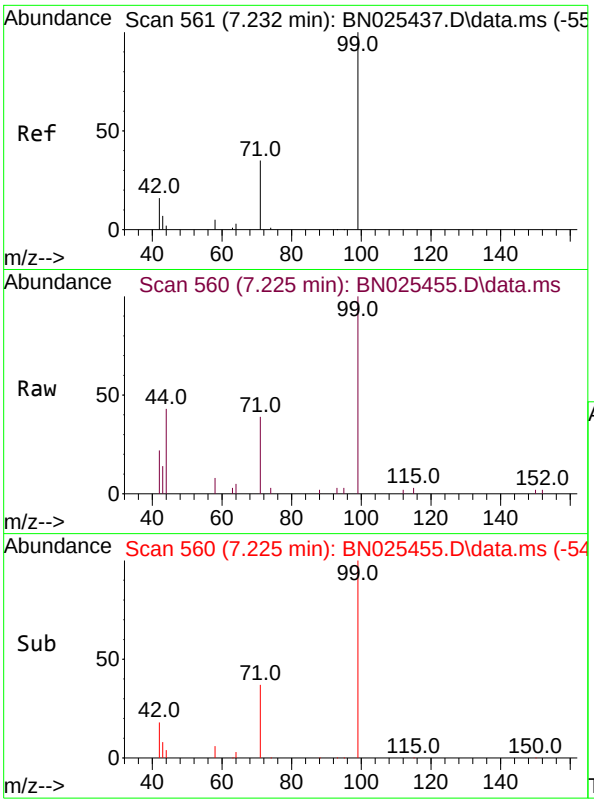


#4
2-Fluorophenol
Concen: 0.431 ng
RT: 5.614 min Scan# 337
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:112 Resp: 4498

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.9	65.9
63	30.0	25.0	37.4



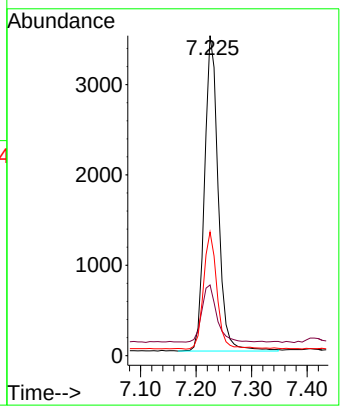


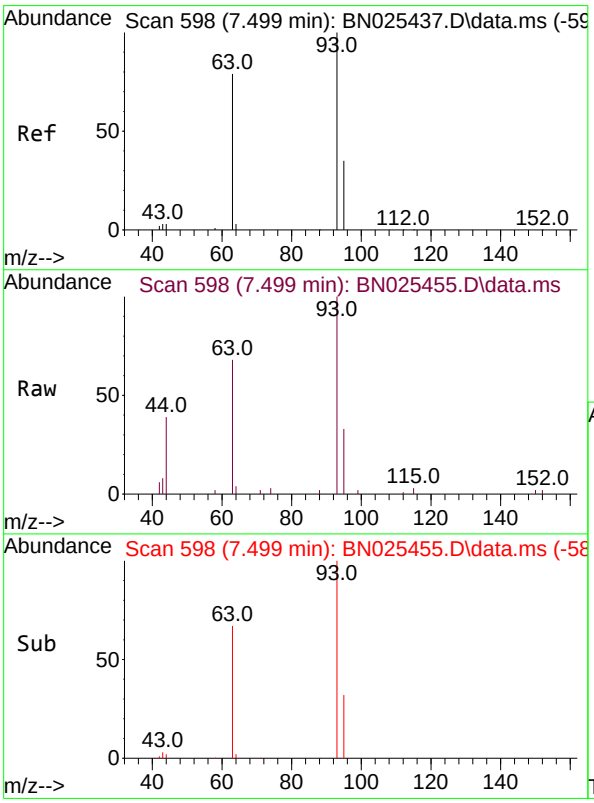
#5
Phenol-d6
Concen: 0.425 ng
RT: 7.225 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5962

Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.4	24.6
71	37.2	29.4	44.0

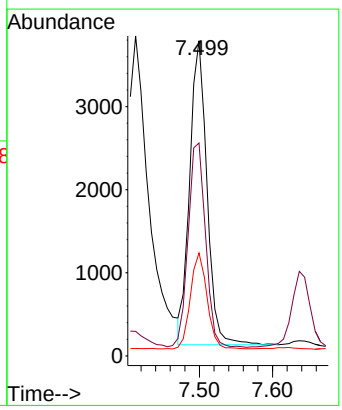


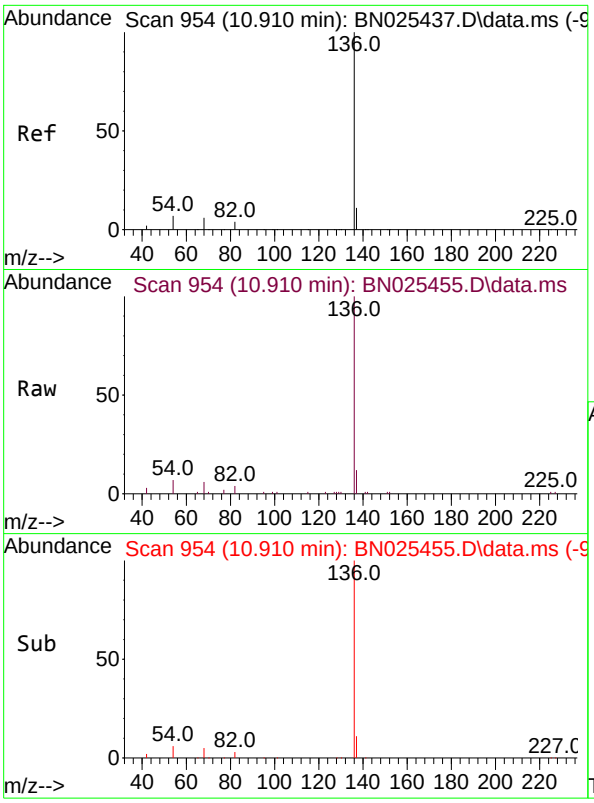


#6
bis(2-Chloroethyl)ether
Concen: 0.301 ng
RT: 7.499 min Scan# 598
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion: 93 Resp: 5995

Ion	Ratio	Lower	Upper
93	100		
63	67.9	48.5	72.7
95	30.4	22.0	33.0



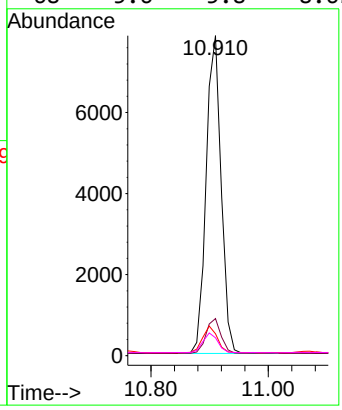


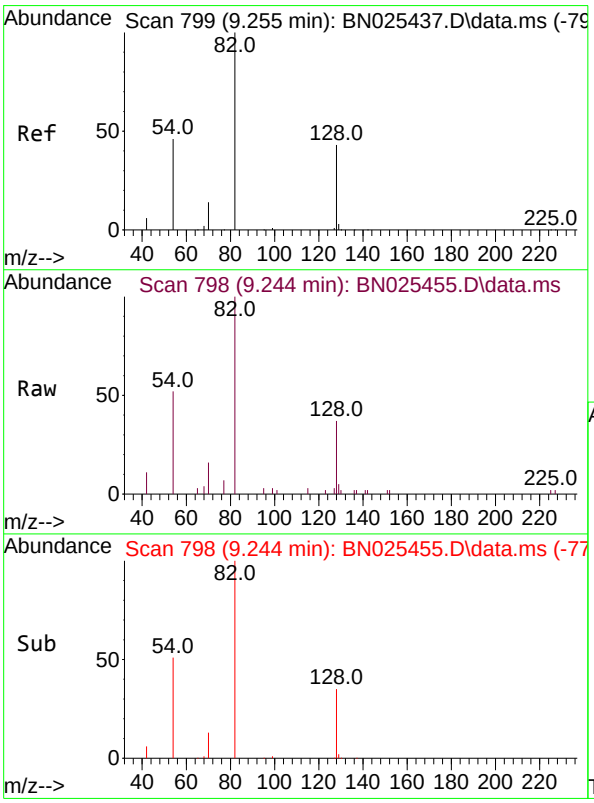
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.910 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 13884

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	6.8	7.0	10.4#
68	5.6	5.8	8.6#

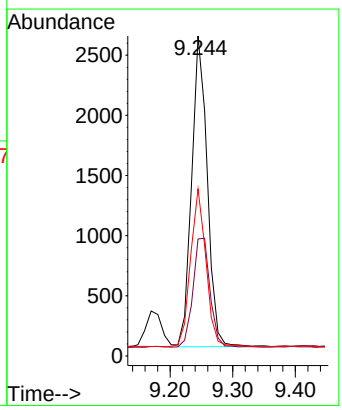


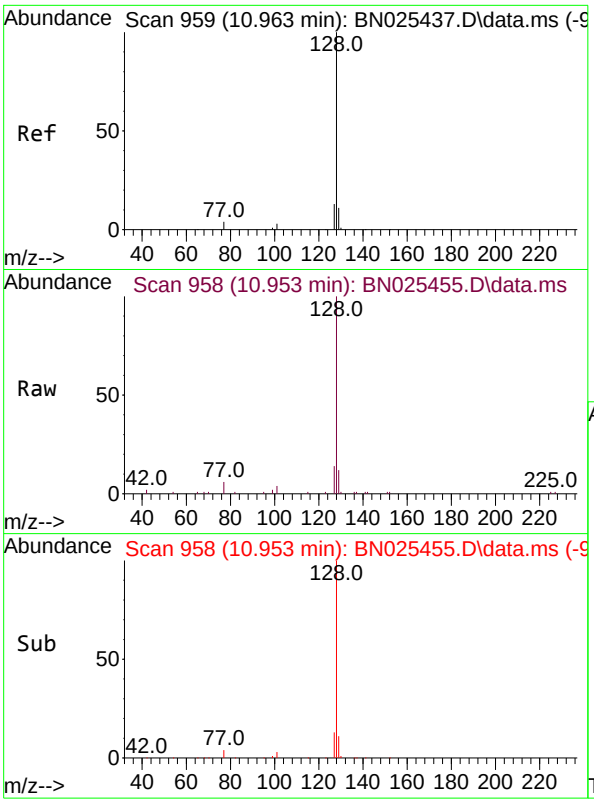


#8
Nitrobenzene-d5
Concen: 0.471 ng
RT: 9.244 min Scan# 798
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion: 82 Resp: 4471

Ion	Ratio	Lower	Upper
82	100		
128	36.5	35.7	53.5
54	52.2	38.6	57.8



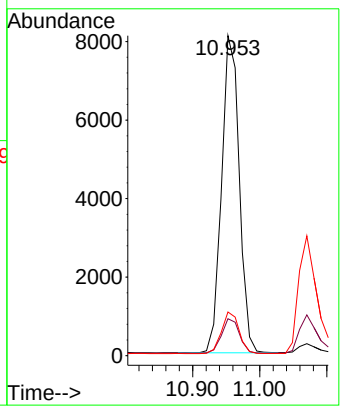


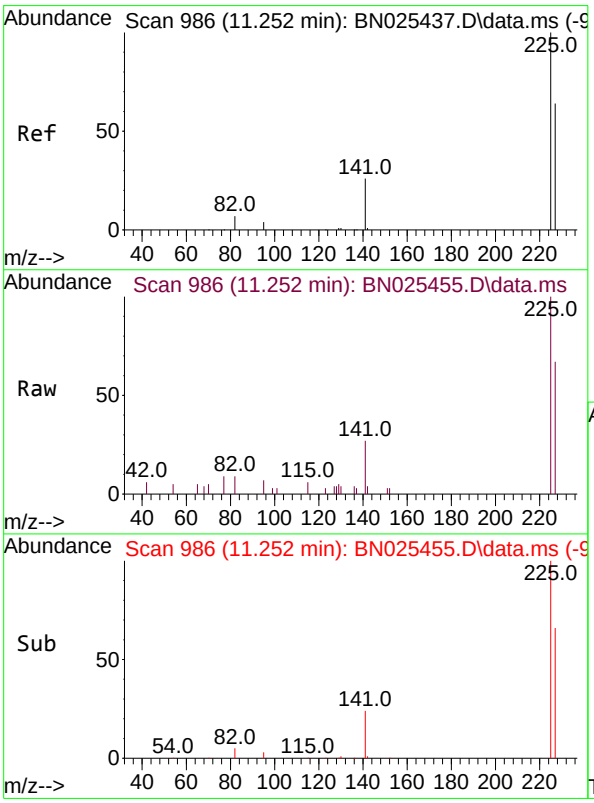
#9
Naphthalene
Concen: 0.427 ng
RT: 10.953 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 14780

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.6	16.0

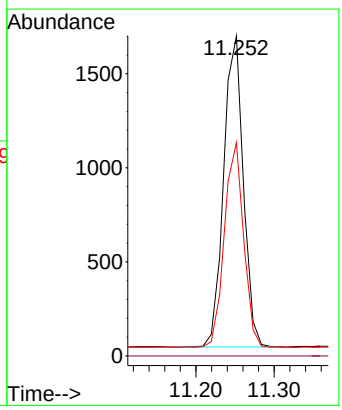


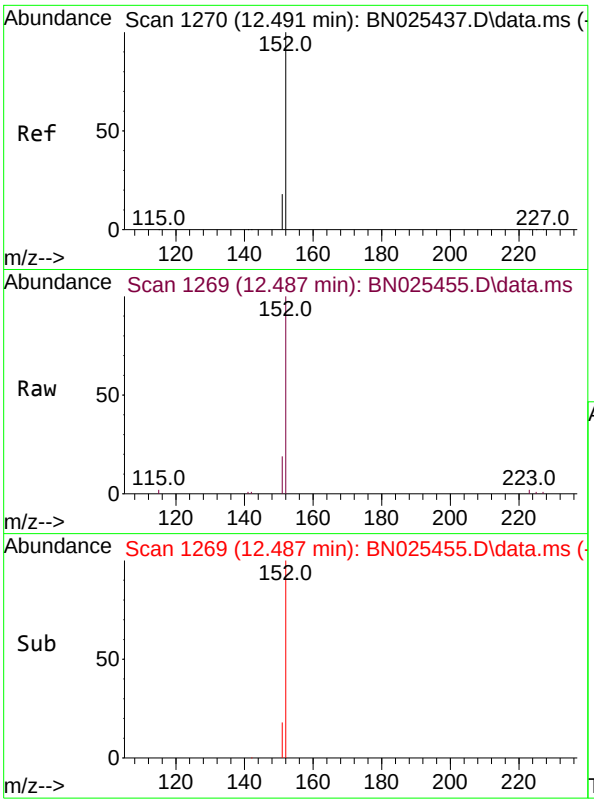


#10
Hexachlorobutadiene
Concen: 0.424 ng
RT: 11.252 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:225 Resp: 2881

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.1	76.7



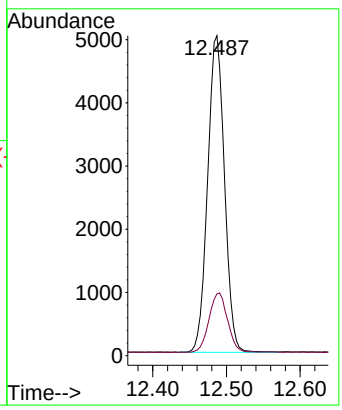


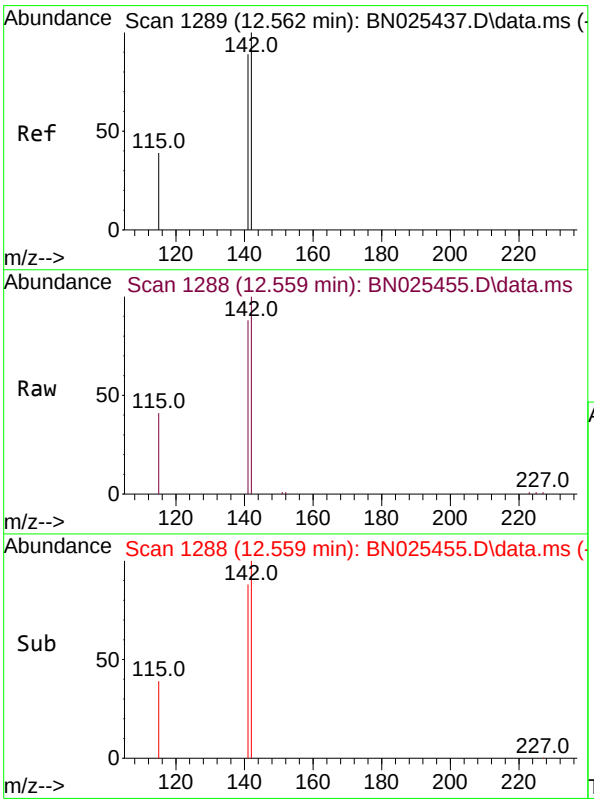
#11
2-Methylnaphthalene-d10
Concen: 0.410 ng
RT: 12.487 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 7954

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.5	24.7

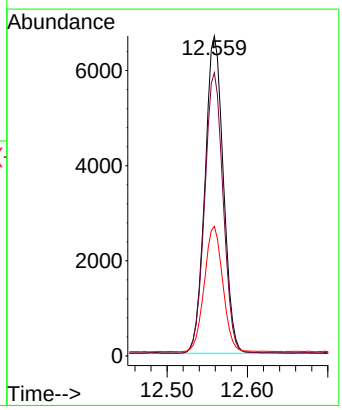


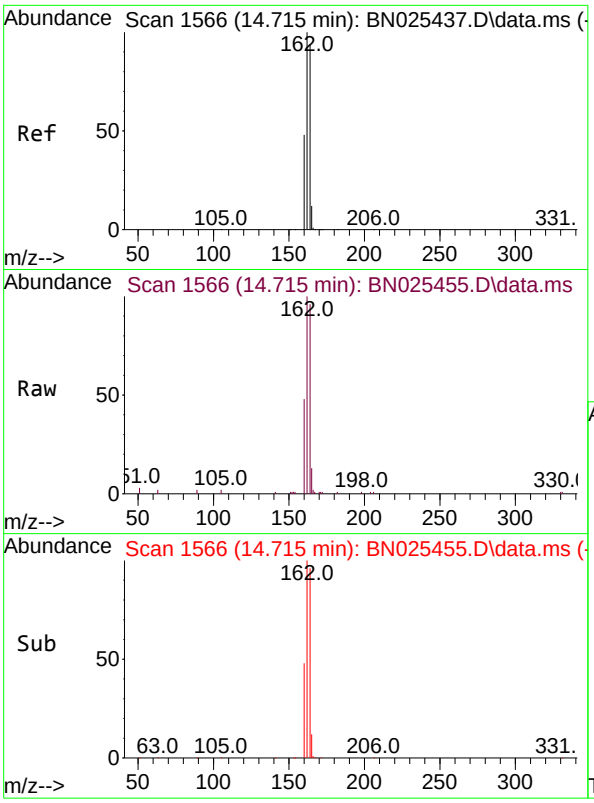


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.559 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:142 Resp: 10594

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.0
115	40.5	32.6	48.8



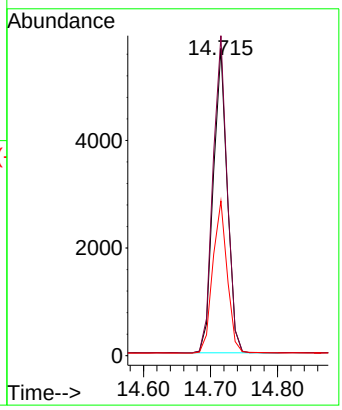


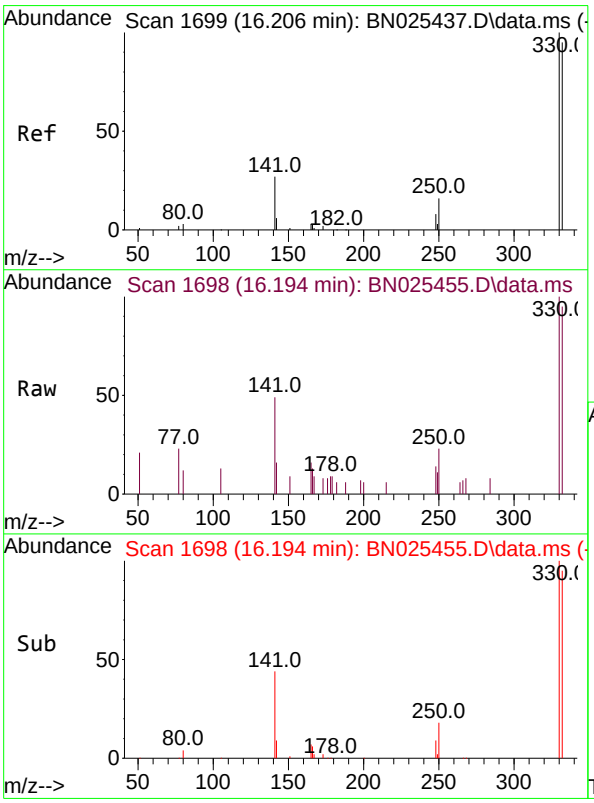
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.715 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8192

Ion	Ratio	Lower	Upper
164	100		
162	104.1	84.8	127.2
160	50.4	40.6	61.0

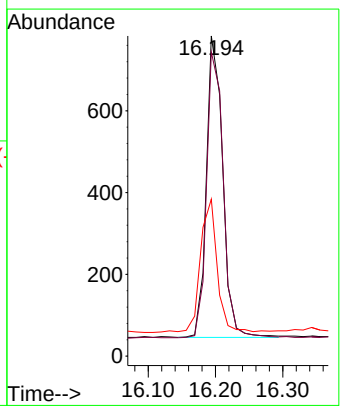


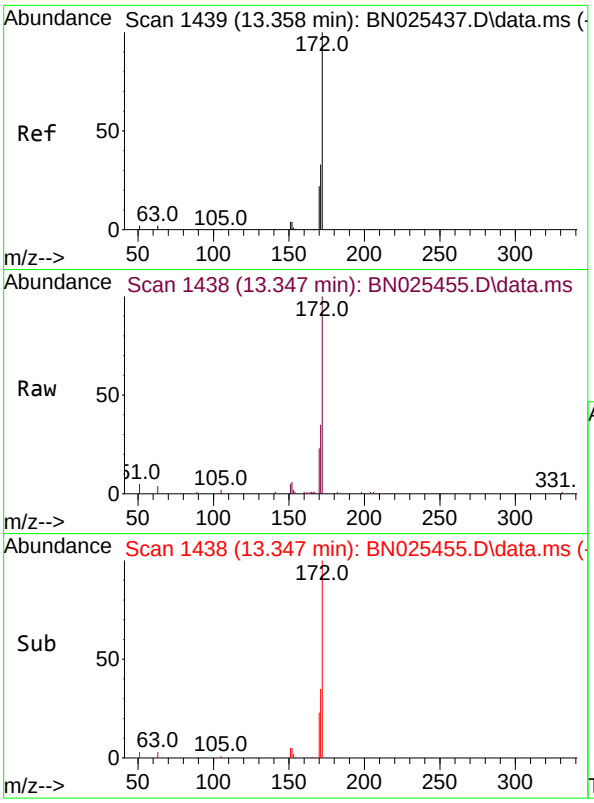


#14
2,4,6-Tribromophenol
Concen: 0.448 ng
RT: 16.194 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:330 Resp: 1244

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.5	113.3
141	45.0	35.3	52.9



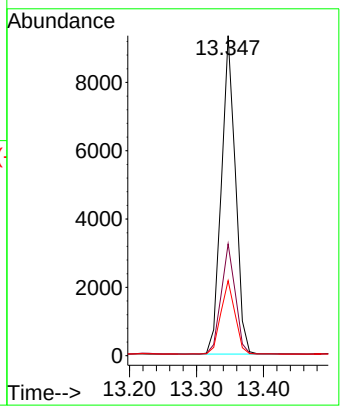


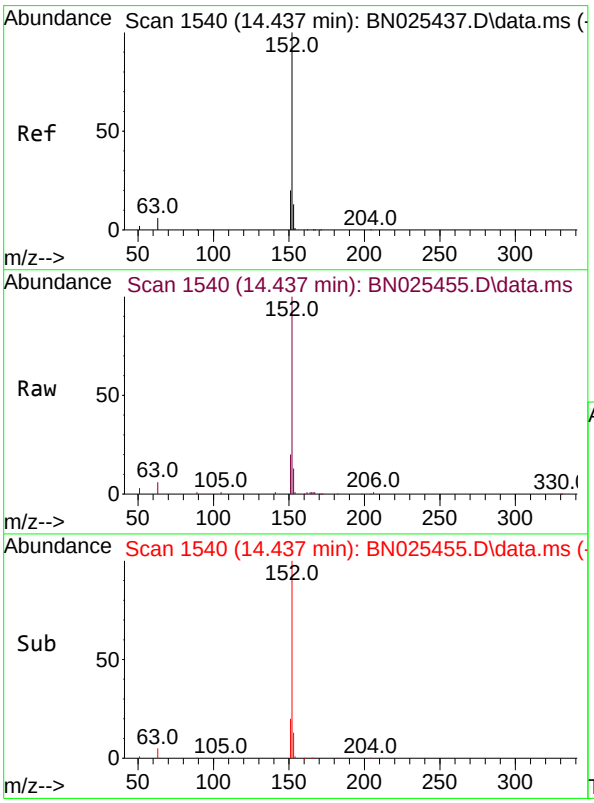
#15
2-Fluorobiphenyl
Concen: 0.456 ng
RT: 13.347 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 13672

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.0	40.6
170	23.5	18.2	27.2

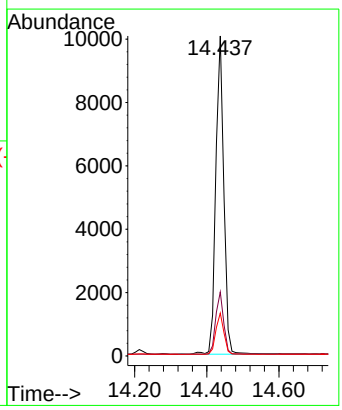


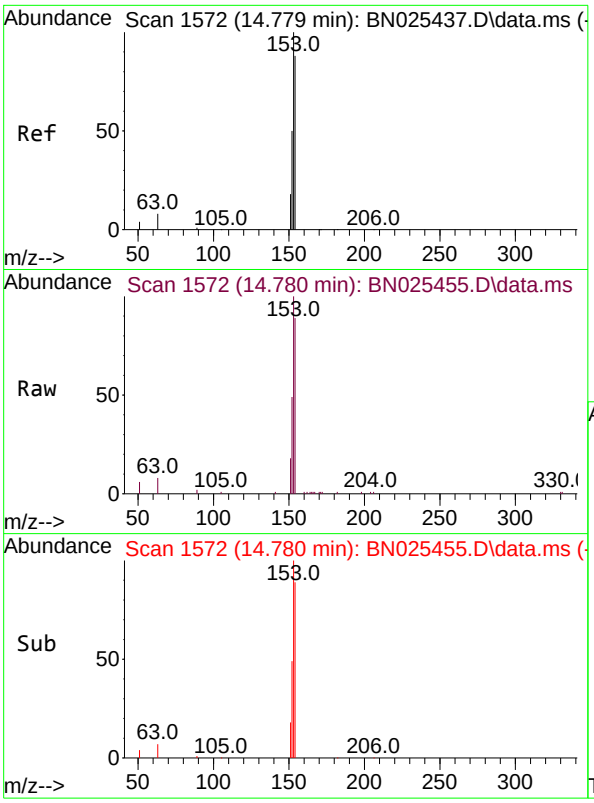


#16
Acenaphthylene
Concen: 0.411 ng
RT: 14.437 min Scan# 1540
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:152 Resp: 15528

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	12.9	10.4	15.6





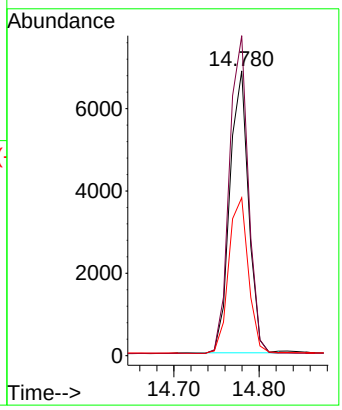
#17
Acenaphthene
Concen: 0.444 ng
RT: 14.780 min Scan# 1

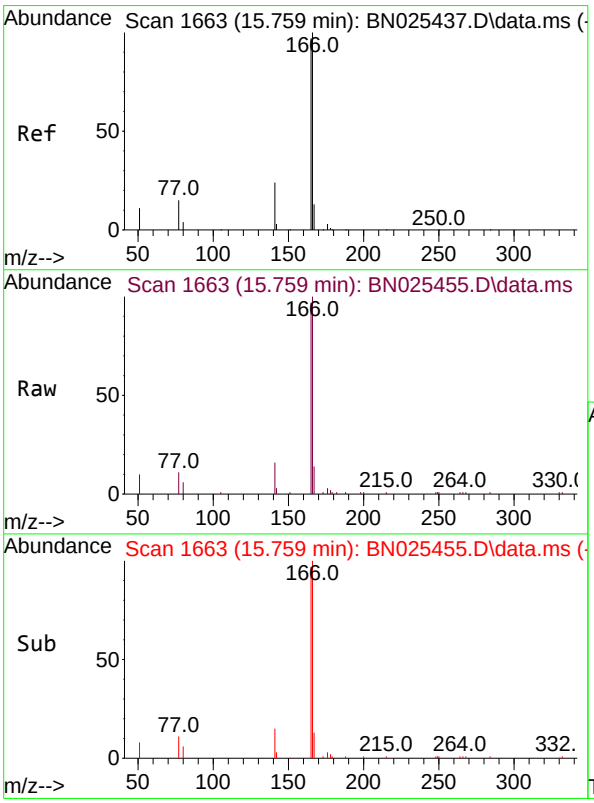
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:154 Resp: 10424

Ion	Ratio	Lower	Upper
154	100		
153	114.4	90.6	135.8
152	58.3	45.7	68.5

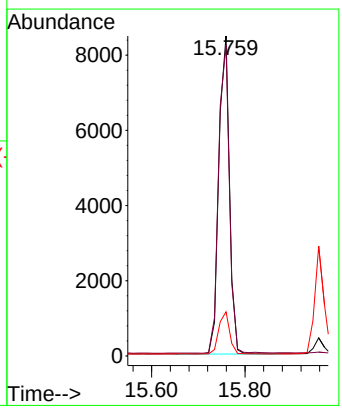


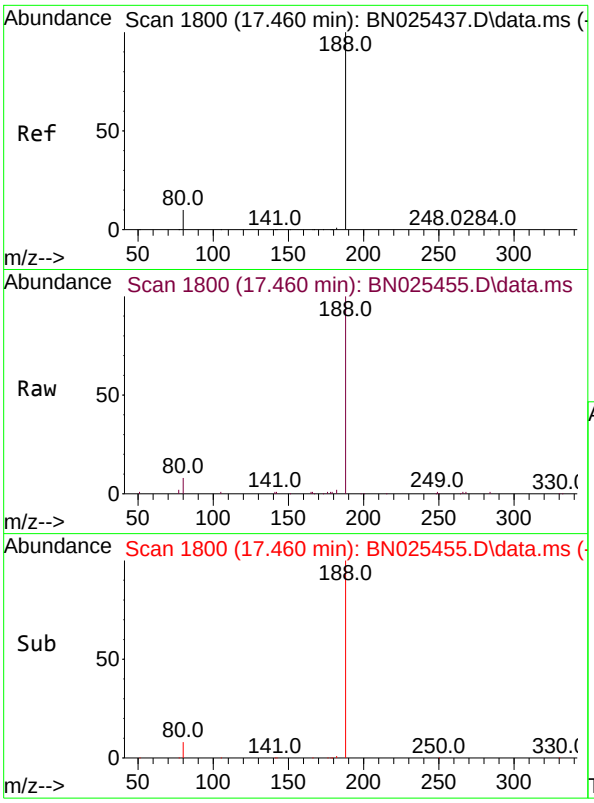


#18
Fluorene
Concen: 0.417 ng
RT: 15.759 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:166 Resp: 12877

Ion	Ratio	Lower	Upper
166	100		
165	101.0	76.7	115.1
167	13.9	10.5	15.7



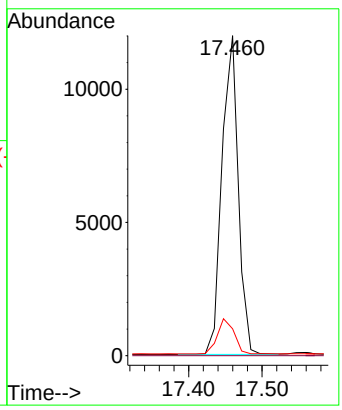


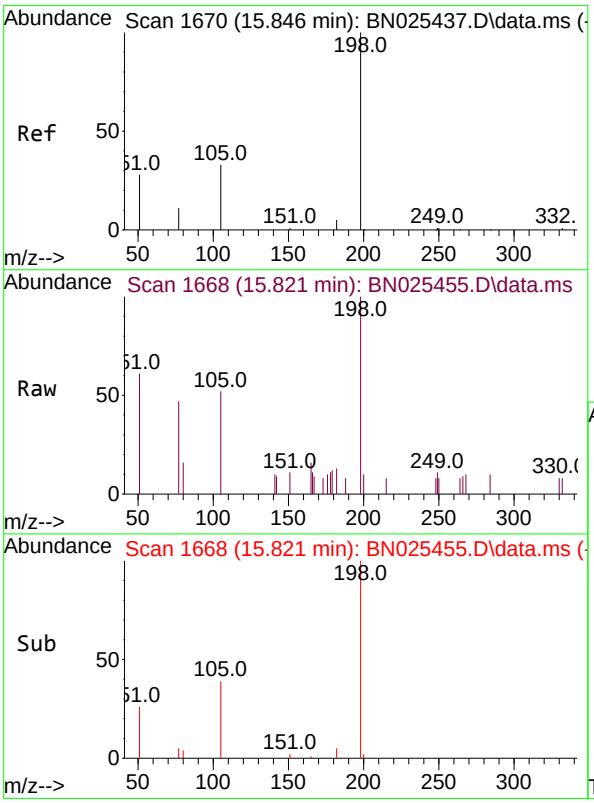
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 18461

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	8.7	13.1#

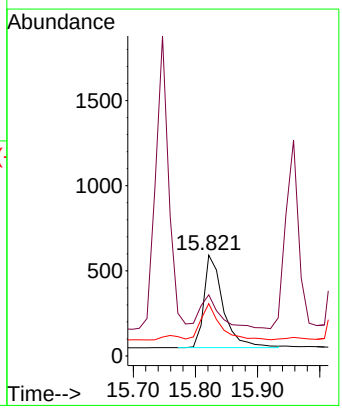


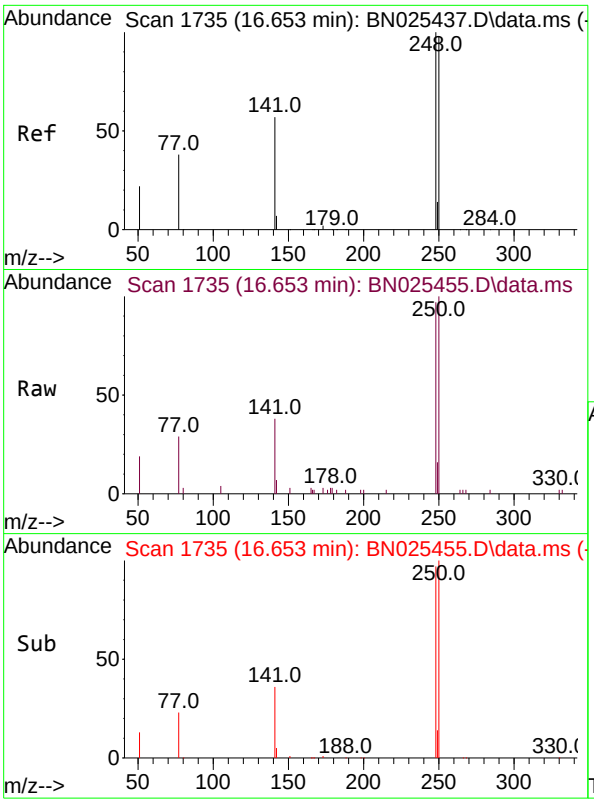


#20
4,6-Dinitro-2-methylphenol
Concen: 0.509 ng
RT: 15.821 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:198 Resp: 1168

Ion	Ratio	Lower	Upper
198	100		
51	60.6	68.5	102.7#
105	52.0	57.6	86.4#



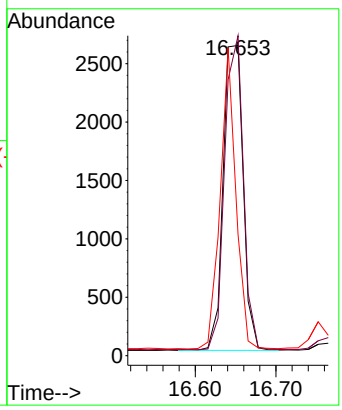


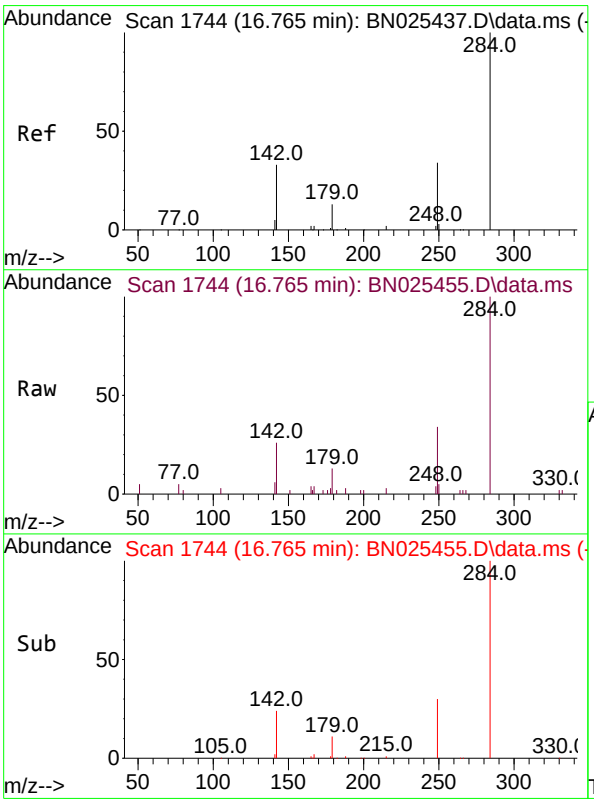
#21
4-Bromophenyl-phenylether
Concen: 0.421 ng
RT: 16.653 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4504

Ion	Ratio	Lower	Upper
248	100		
250	103.2	79.0	118.4
141	39.1	46.5	69.7#

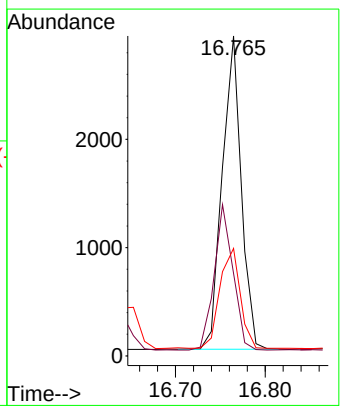


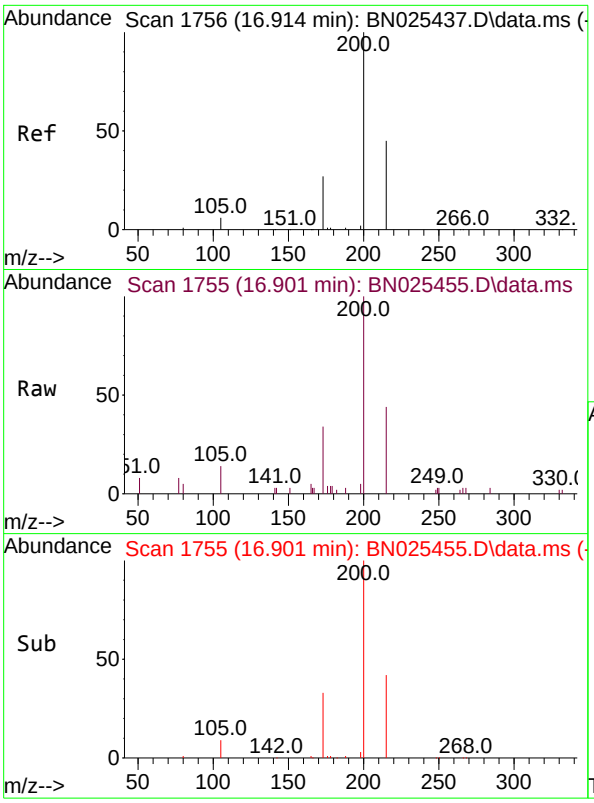


#22
Hexachlorobenzene
Concen: 0.428 ng
RT: 16.765 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:284 Resp: 4252

Ion	Ratio	Lower	Upper
284	100		
142	45.9	35.2	52.8
249	34.4	27.1	40.7



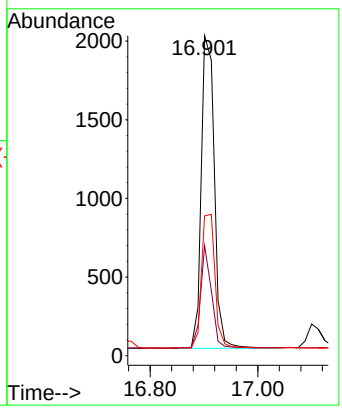


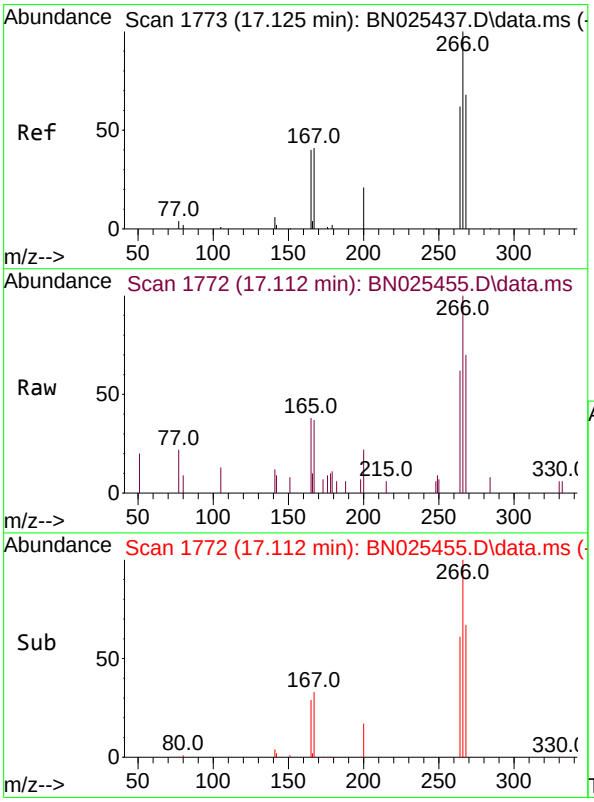
#23
Atrazine
Concen: 0.373 ng
RT: 16.901 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3359

Ion	Ratio	Lower	Upper
200	100		
173	34.3	22.4	33.6#
215	43.7	36.7	55.1

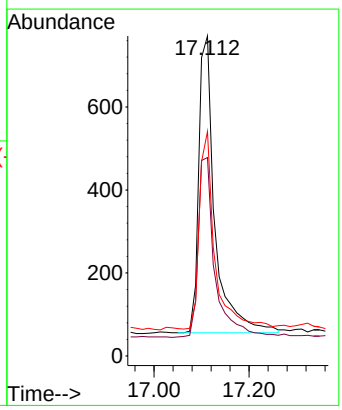


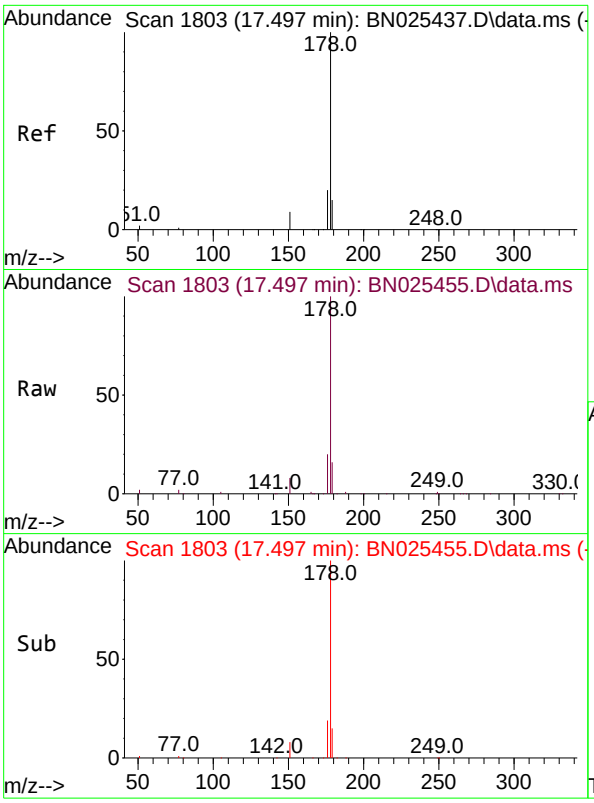


#24
Pentachlorophenol
Concen: 0.551 ng
RT: 17.112 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:266 Resp: 1688

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.5	74.3
268	64.0	51.0	76.4



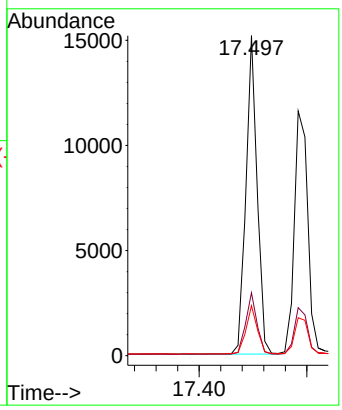


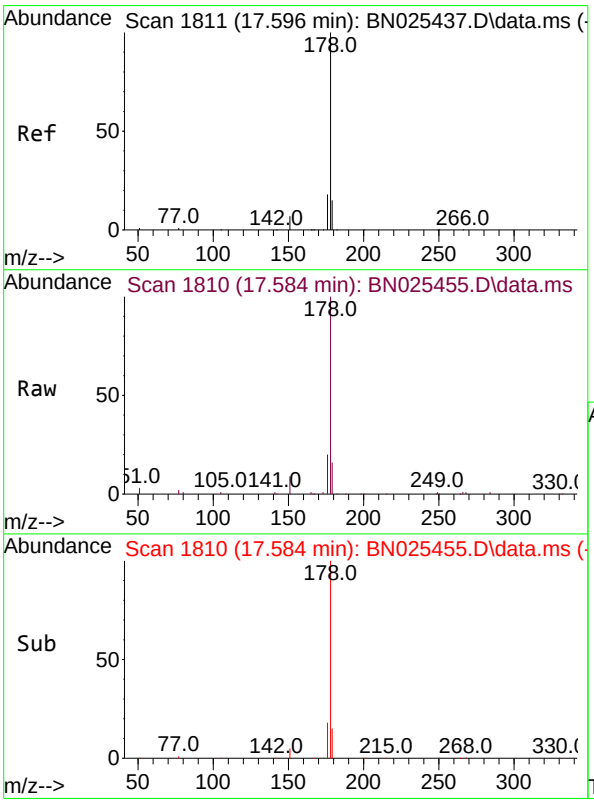
#25
Phenanthrene
Concen: 0.423 ng
RT: 17.497 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 21967

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.6	23.4
179	15.2	12.2	18.4

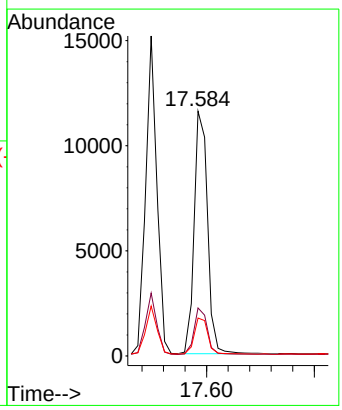


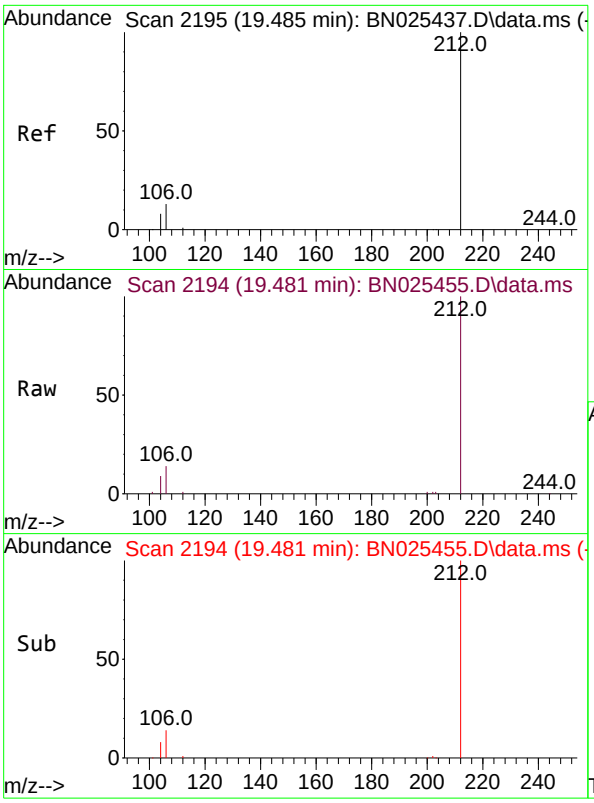


#26
Anthracene
Concen: 0.397 ng
RT: 17.584 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:178 Resp: 19946

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.0	12.1	18.1



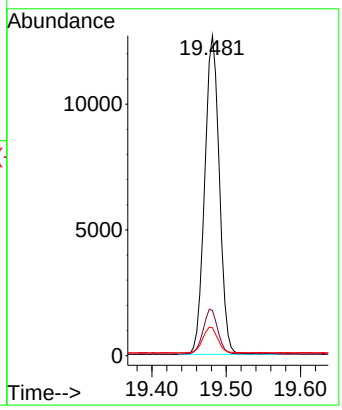


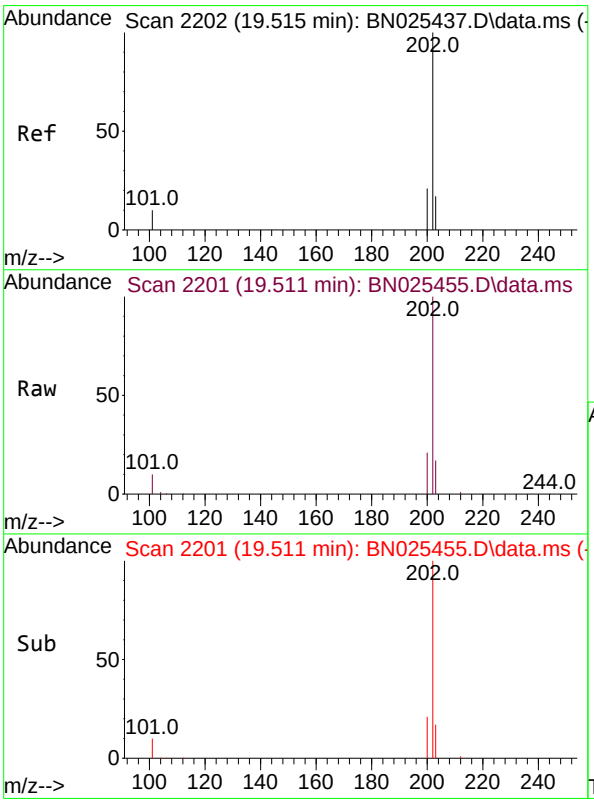
#27
Fluoranthene-d10
Concen: 0.396 ng
RT: 19.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 17367

Ion	Ratio	Lower	Upper
212	100		
106	13.9	11.1	16.7
104	8.2	6.6	10.0

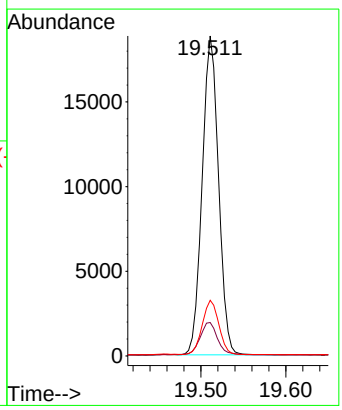


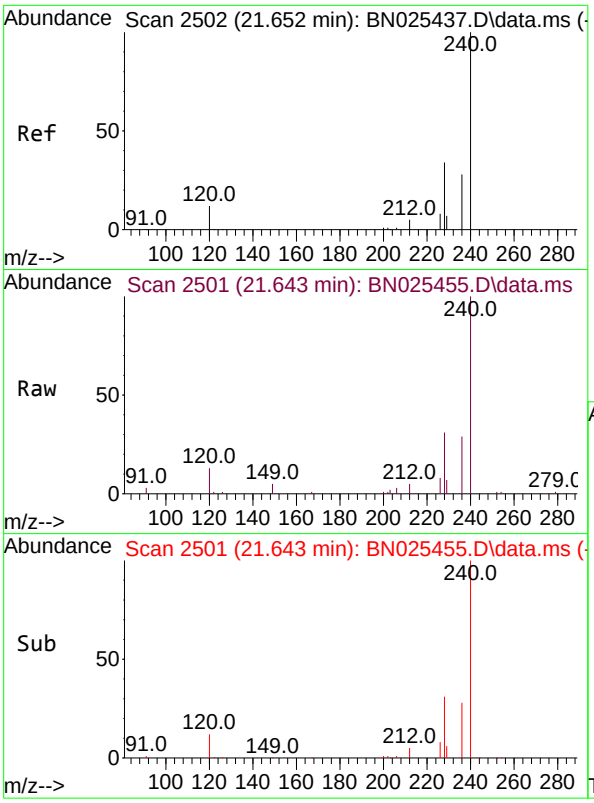


#28
Fluoranthene
Concen: 0.410 ng
RT: 19.511 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:202 Resp: 25220

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
203	17.1	13.9	20.9



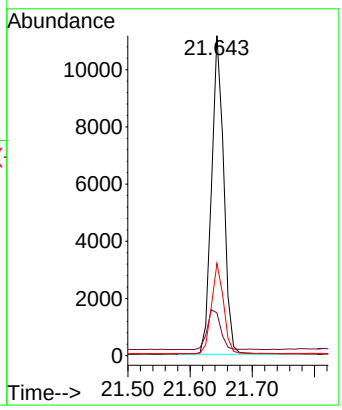


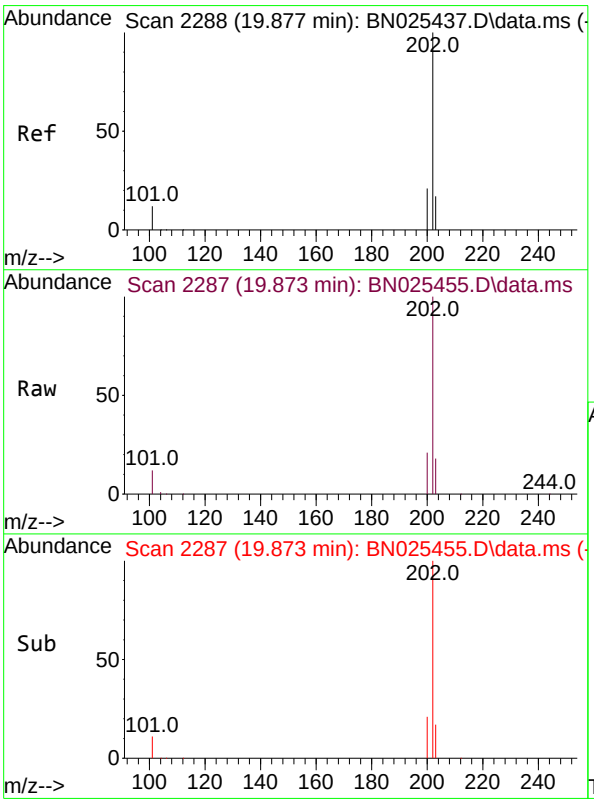
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15102

Ion	Ratio	Lower	Upper
240	100		
120	13.4	11.6	17.4
236	28.8	22.9	34.3

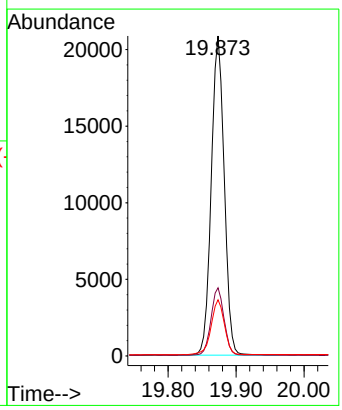


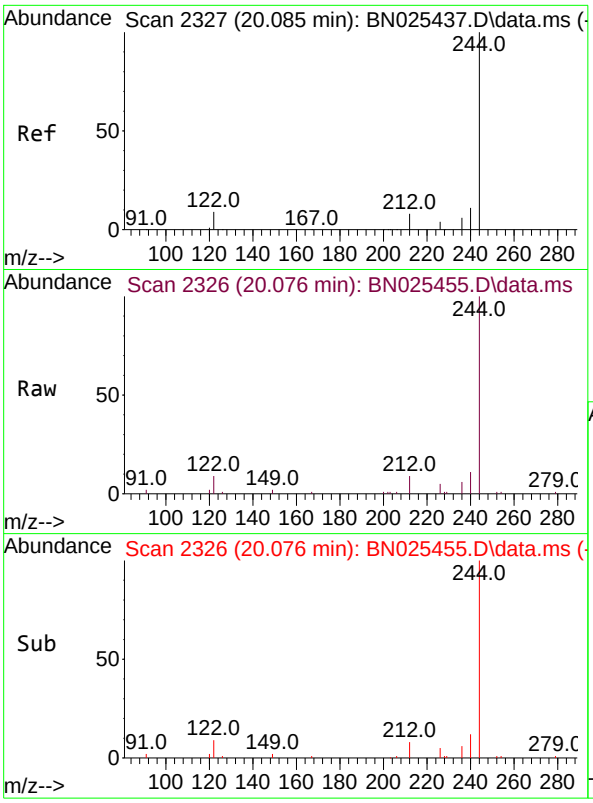


#30
Pyrene
Concen: 0.477 ng
RT: 19.873 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:202 Resp: 27511

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	17.7	14.2	21.4



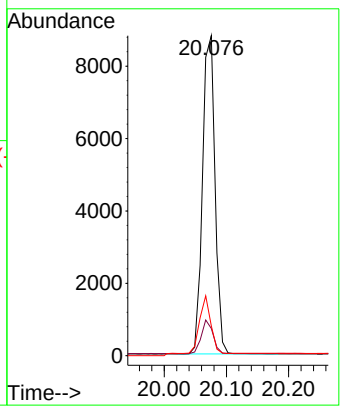


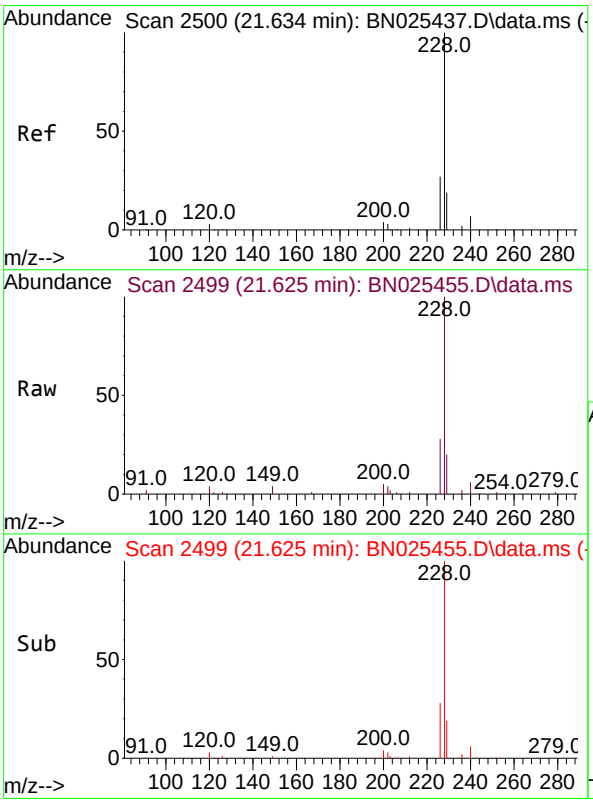
#31
Terphenyl-d14
Concen: 0.448 ng
RT: 20.076 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12283

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	9.3	7.4	11.2

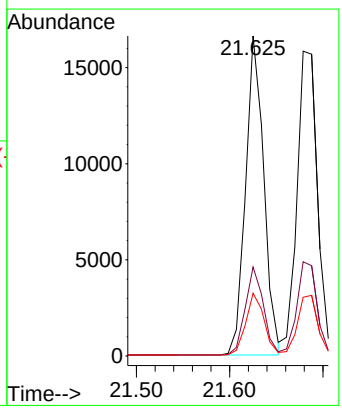


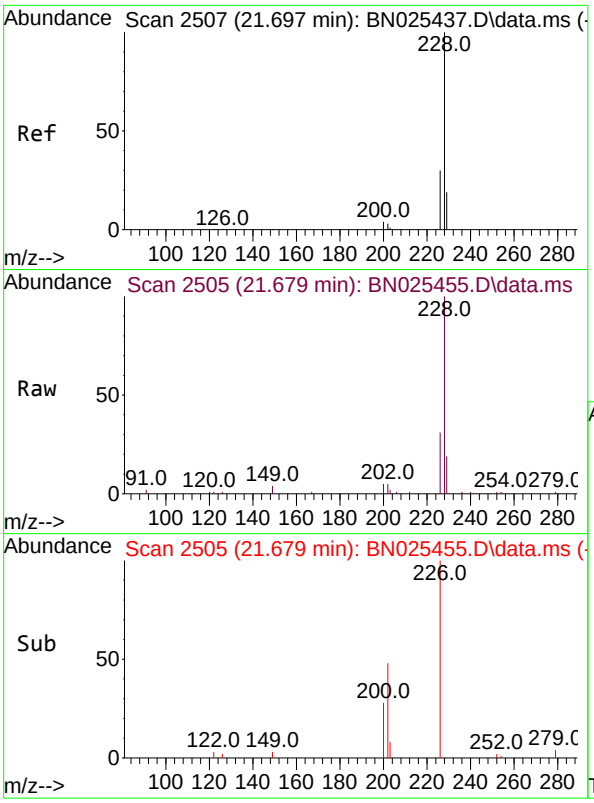


#32
Benzo(a)anthracene
Concen: 0.426 ng
RT: 21.625 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:228 Resp: 22571

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.1	33.1
229	19.6	15.4	23.2



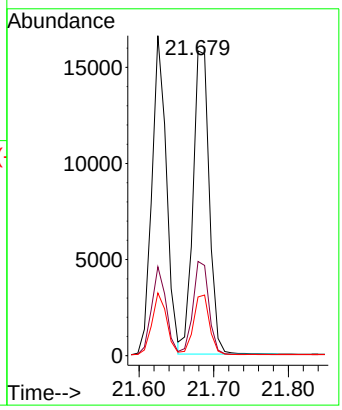


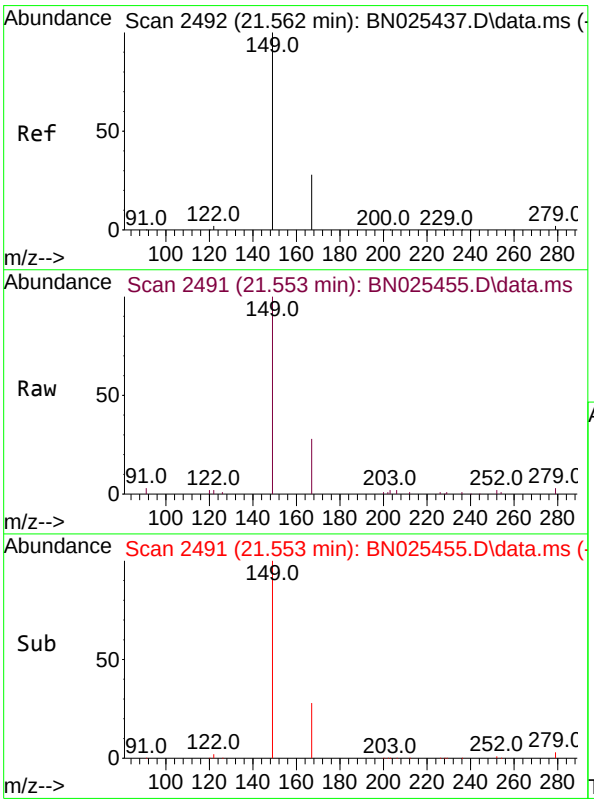
#33
Chrysene
Concen: 0.454 ng
RT: 21.679 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 23922

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	19.3	15.8	23.6

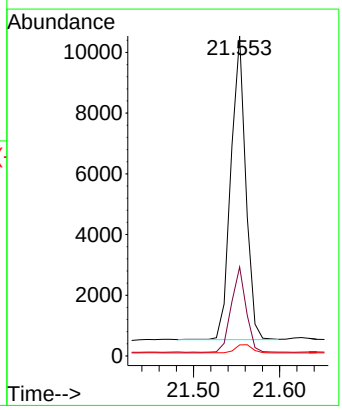


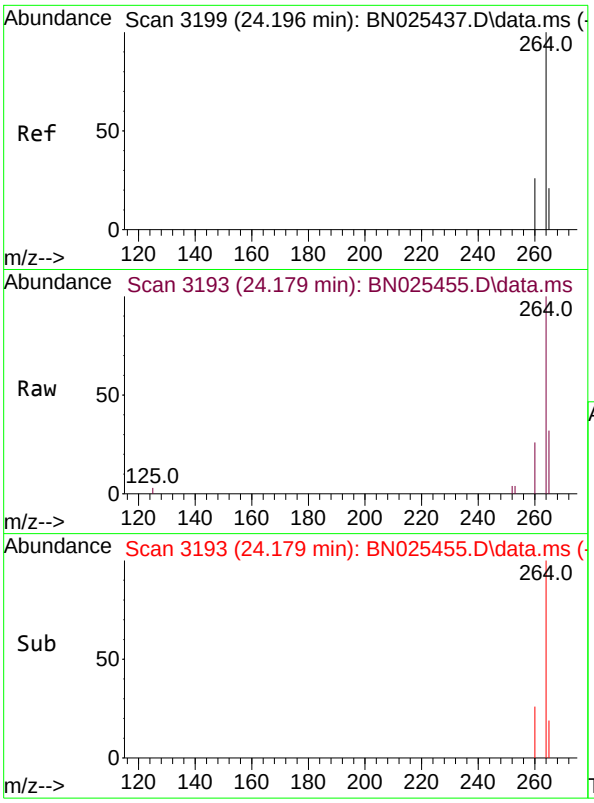


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.385 ng
RT: 21.553 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:149 Resp: 11964

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	3.3	2.5	3.7



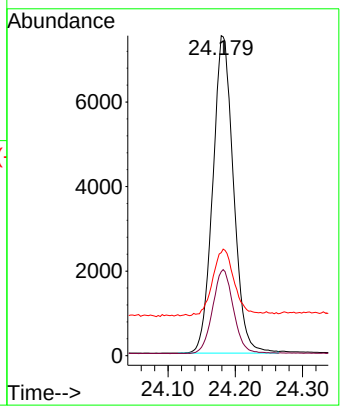


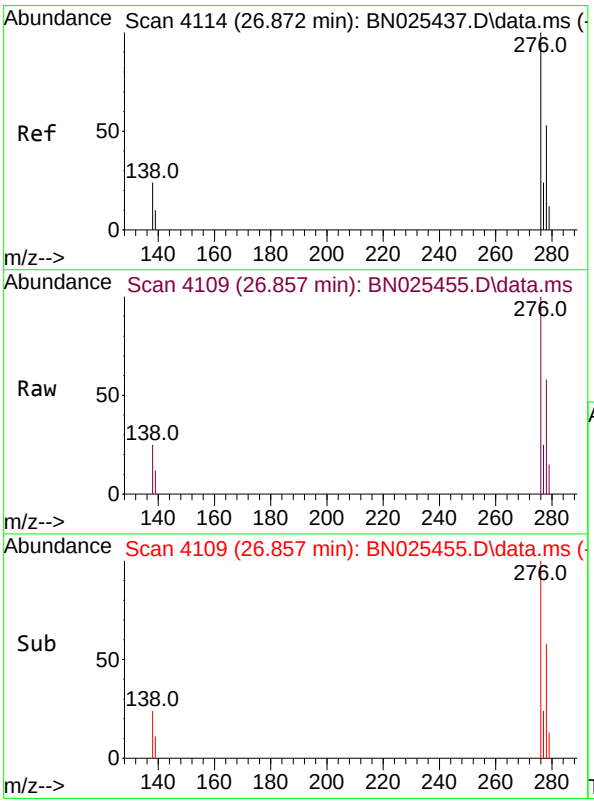
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.179 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 16061

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	32.2	25.5	38.3

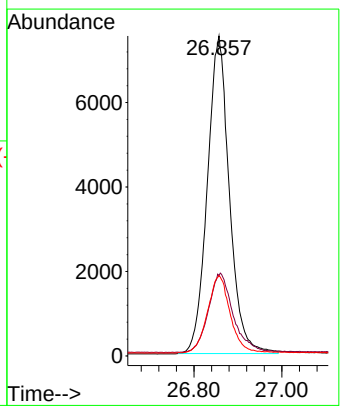


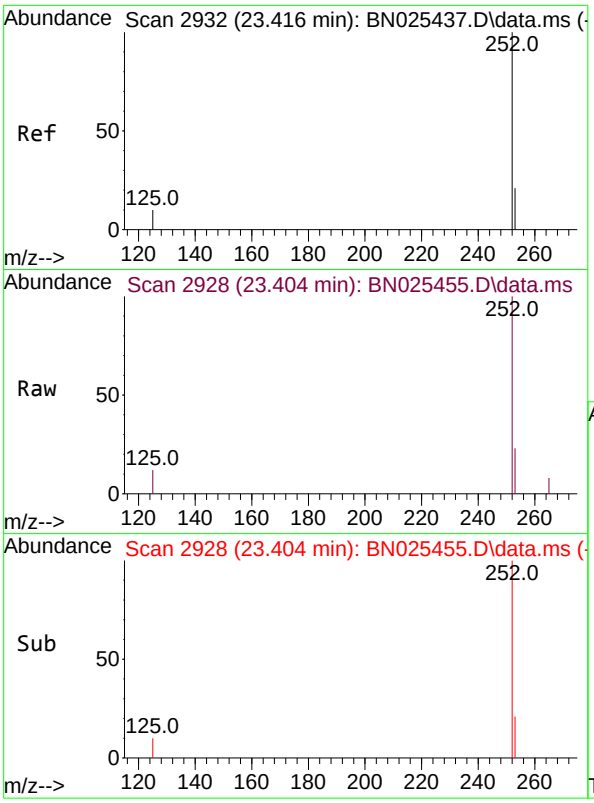


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.404 ng
RT: 26.857 min Scan# 4109
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:276 Resp: 26200

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.0	31.6
277	24.7	19.8	29.6



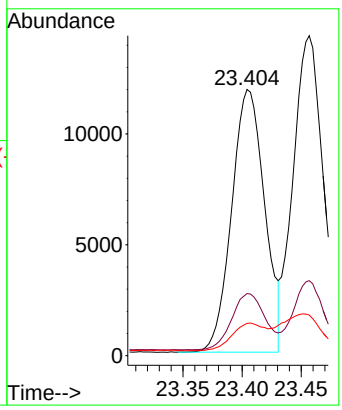


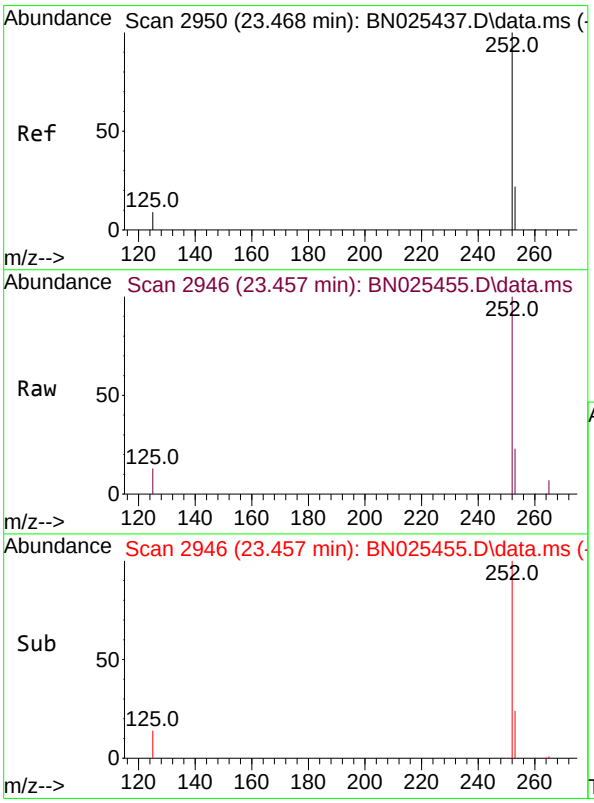
#37
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 23.404 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22939

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	12.2	9.4	14.2

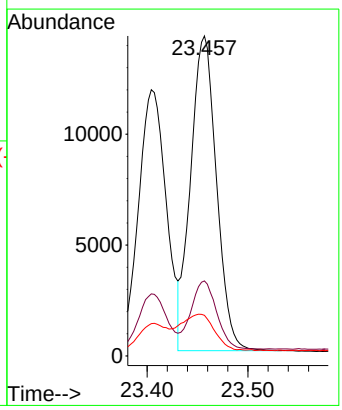


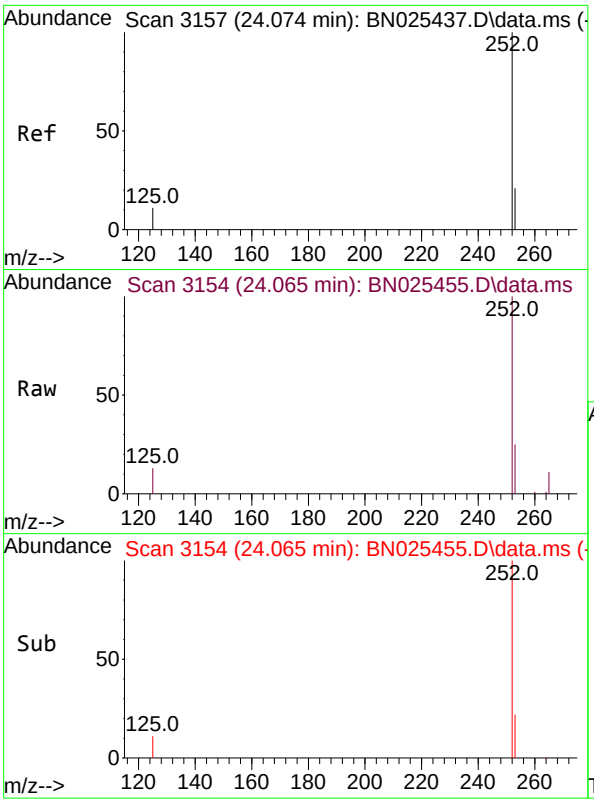


#38
Benzo(k)fluoranthene
Concen: 0.438 ng
RT: 23.457 min Scan# 2946
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:252 Resp: 25312

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	12.7	9.5	14.3



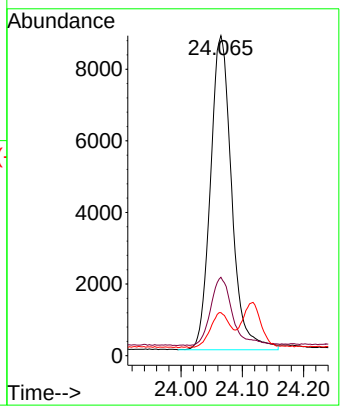


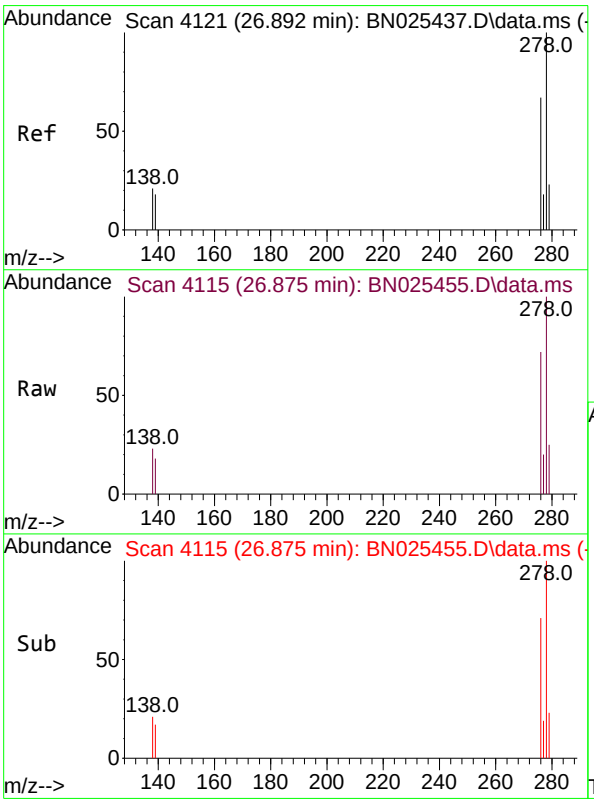
#39
Benzo(a)pyrene
Concen: 0.394 ng
RT: 24.065 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21120

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.5	29.3
125	13.5	10.2	15.4

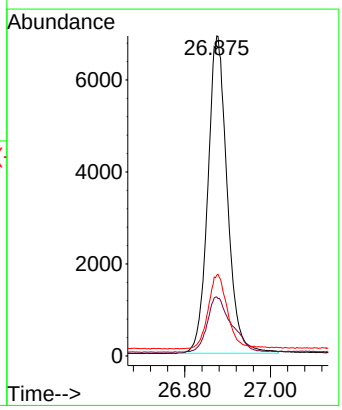


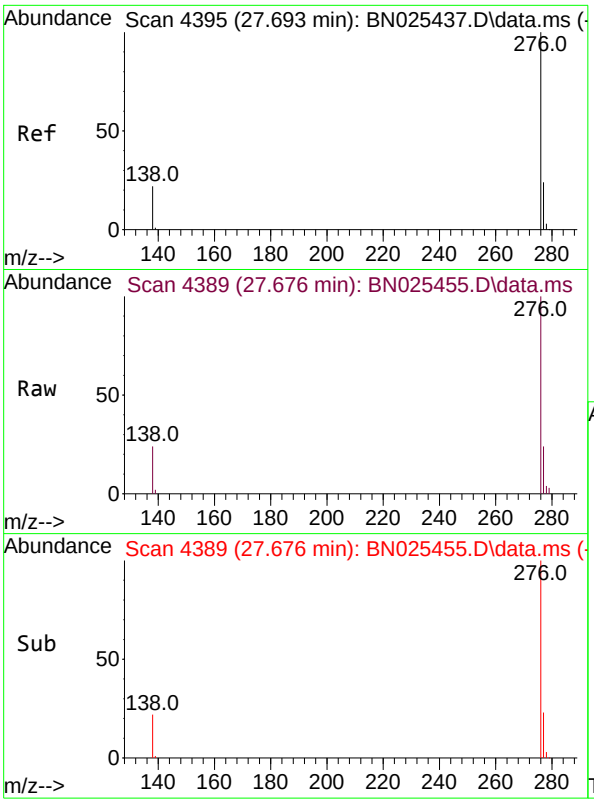


#40
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 26.875 min Scan# 4115
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Tgt Ion:278 Resp: 21670

Ion	Ratio	Lower	Upper
278	100		
139	18.5	15.0	22.4
279	25.3	20.1	30.1





#41
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 27.676 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN025455.D
Acq: 17 May 2023 16:18

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 22529

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.6	29.4
138	23.7	19.0	28.6