Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025725.D
Acq On : 30 May 2023 20:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 31 04:48:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.012	152	5479	0.400	ng		0.00
7) Naphthalene-d8	10.825	136	16276	0.400	ng		#-0.01
13) Acenaphthene-d10	14.641	164	9423	0.400	ng		-0.01
19) Phenanthrene-d10	17.393	188	19910	0.400	ng		# 0.00
29) Chrysene-d12	21.569	240	13144	0.400	ng		# 0.00
35) Perylene-d12	24.051	264	11745	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5784	0.412	ng		0.00
5) Phenol-d6	7.167	99	7312	0.434	ng		0.00
8) Nitrobenzene-d5	9.180	82	5590	0.410	ng		-0.01
11) 2-Methylnaphthalene-d10	12.415	152	9922	0.427	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1022	0.537	ng		-0.01
15) 2-Fluorobiphenyl	13.272	172	16382	0.421	ng		-0.01
27) Fluoranthene-d10	19.416	212	18942	0.420	ng		0.00
31) Terphenyl-d14	20.006	244	12131	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	2773	0.437	ng		99
3) n-Nitrosodimethylamine	3.751	42	2135	0.312	ng	#	94
6) bis(2-Chloroethyl)ether	7.434	93	7788	0.449	ng		99
9) Naphthalene	10.878	128	19251	0.432	ng		98
10) Hexachlorobutadiene	11.166	225	3229	0.418	ng	#	97
12) 2-Methylnaphthalene	12.487	142	13183	0.430	ng		99
16) Acenaphthylene	14.363	152	18557	0.417	ng		99
17) Acenaphthene	14.705	154	12665	0.432	ng		99
18) Fluorene	15.693	166	16731	0.432	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	1179	0.536	ng	#	57
21) 4-Bromophenyl-phenylether	16.574	248	4678	0.414	ng		96
22) Hexachlorobenzene	16.698	284	4280	0.414	ng		98
23) Atrazine	16.835	200	3608	0.400	ng		99
24) Pentachlorophenol	17.058	266	789	0.868	ng	#	86
25) Phenanthrene	17.430	178	25977	0.429	ng		99
26) Anthracene	17.517	178	23143	0.422	ng		99
28) Fluoranthene	19.444	202	28094	0.425	ng		99
30) Pyrene	19.806	202	28732	0.449	ng		99
32) Benzo(a)anthracene	21.551	228	20822	0.425	ng		99
33) Chrysene	21.605	228	23437	0.441	ng		99
34) Bis(2-ethylhexyl)phtha...	21.462	149	13977	0.469	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.659	276	18823	0.418	ng	#	60
37) Benzo(b)fluoranthene	23.291	252	19876	0.445	ng		95
38) Benzo(k)fluoranthene	23.344	252	19567	0.420	ng		96
39) Benzo(a)pyrene	23.943	252	18150	0.425	ng		94
40) Dibenzo(a,h)anthracene	26.680	278	14335	0.402	ng		97
41) Benzo(g,h,i)perylene	27.443	276	16819	0.413	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025725.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
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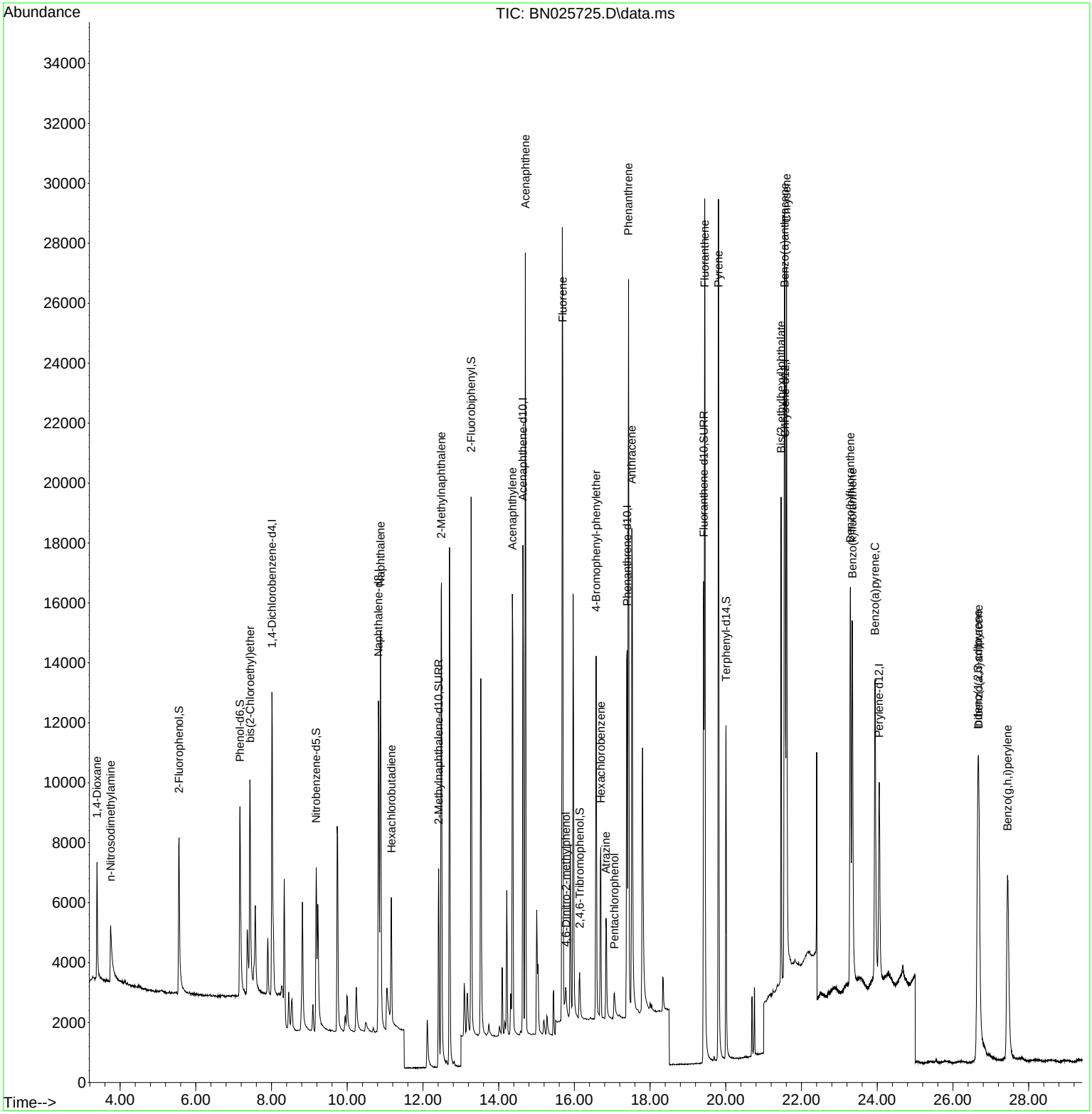
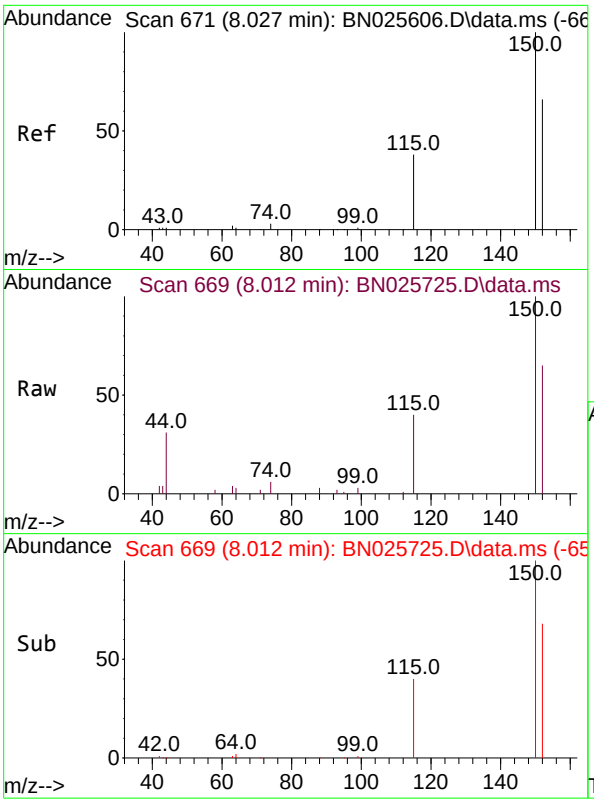
Quant Time: May 31 04:48:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



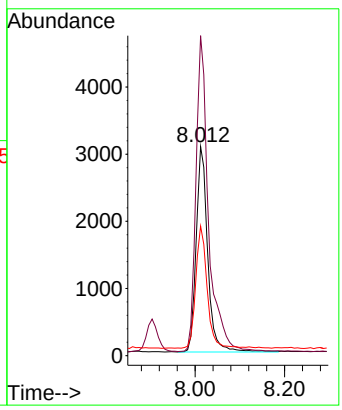


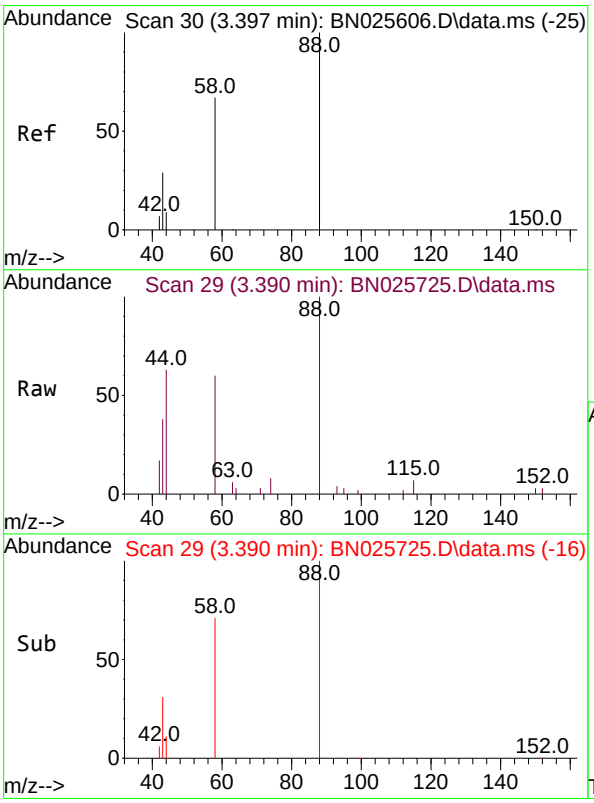
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5479

Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.0	181.6
115	62.0	48.5	72.7

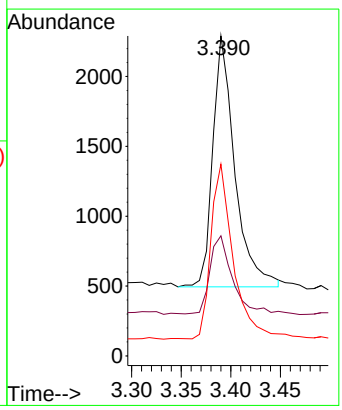


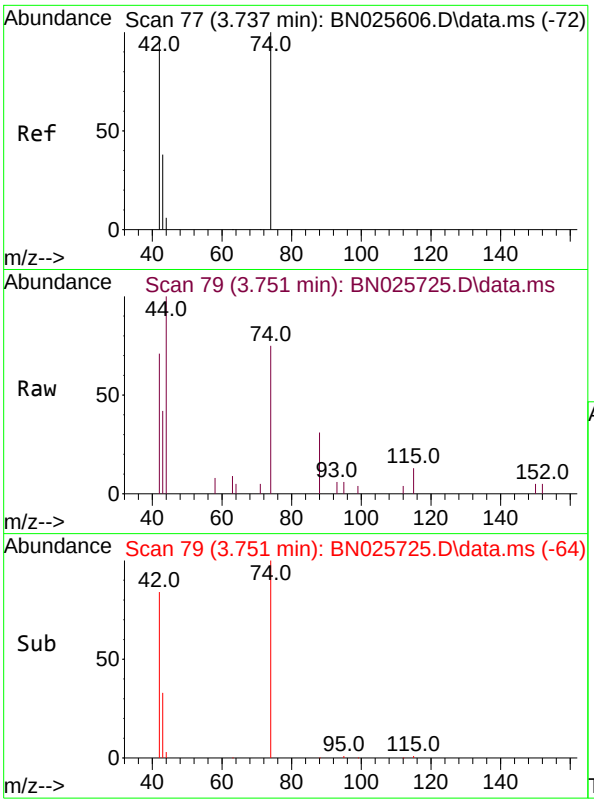


#2
1,4-Dioxane
Concen: 0.437 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion: 88 Resp: 2773

Ion	Ratio	Lower	Upper
88	100		
43	31.2	26.5	39.7
58	71.0	56.8	85.2



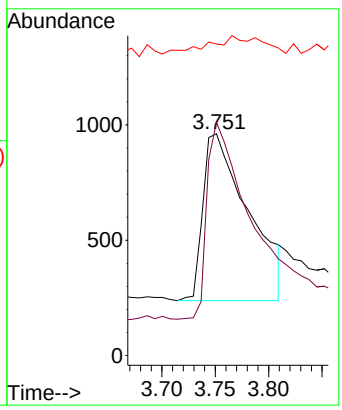


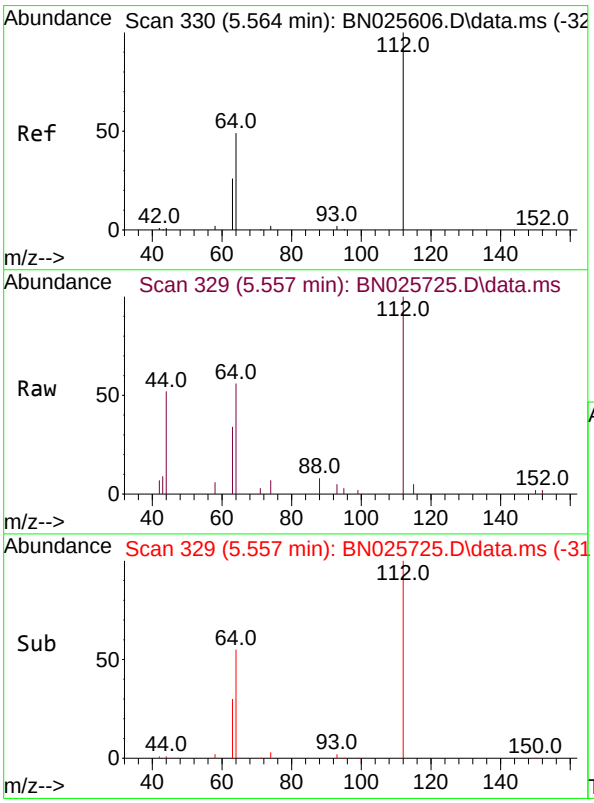
#3
n-Nitrosodimethylamine
Concen: 0.312 ng
RT: 3.751 min Scan# 7
Delta R.T. 0.007 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2135

Ion	Ratio	Lower	Upper
42	100		
74	109.1	82.2	123.2
44	13.5	0.0	0.0#

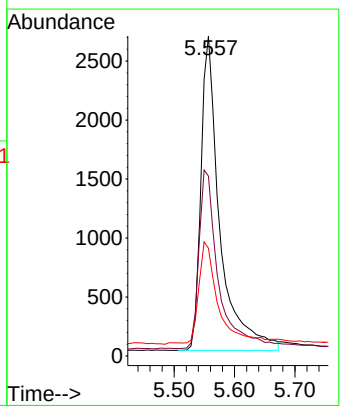


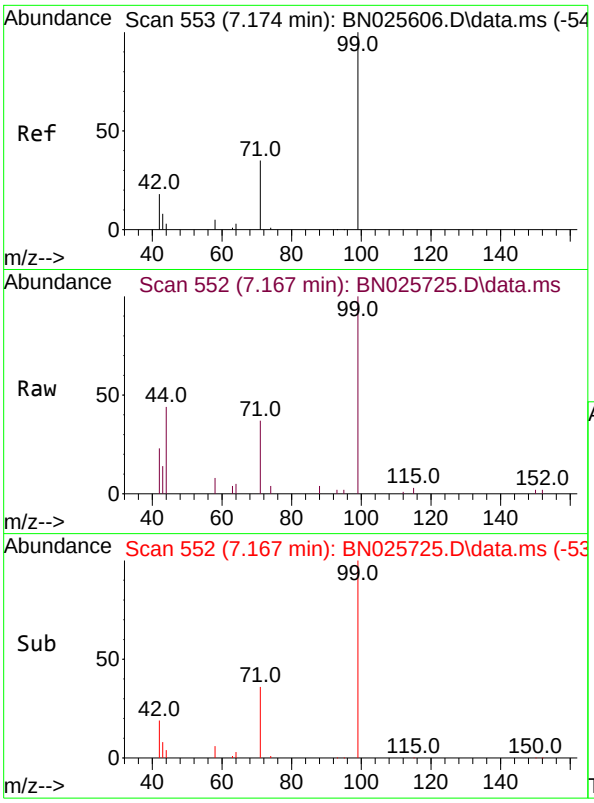


#4
2-Fluorophenol
Concen: 0.412 ng
RT: 5.557 min Scan# 329
Delta R.T. -0.000 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:112 Resp: 5784

Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.7	68.5
63	32.3	26.2	39.2



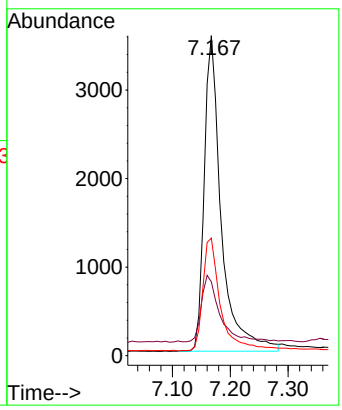


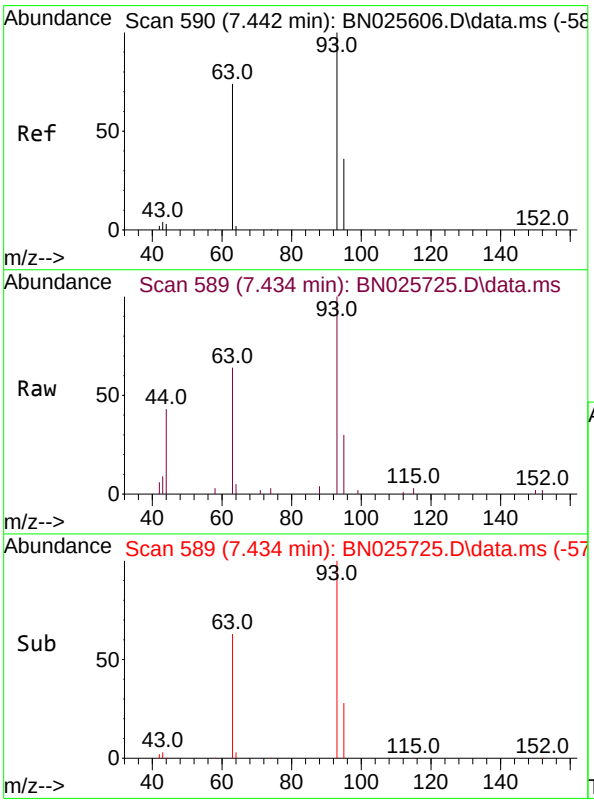
#5
Phenol-d6
Concen: 0.434 ng
RT: 7.167 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7312

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.1	25.7
71	37.5	29.3	43.9

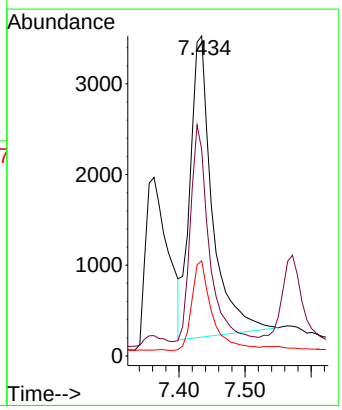


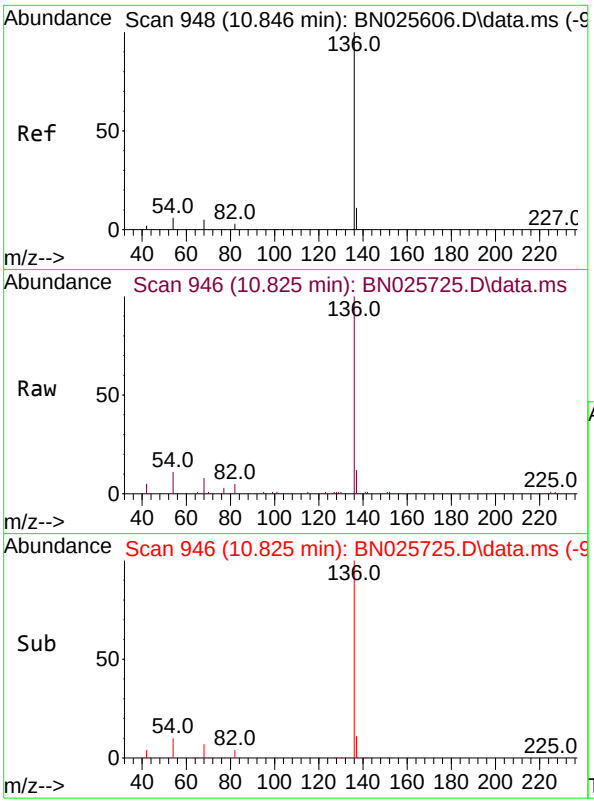


#6
bis(2-Chloroethyl)ether
Concen: 0.449 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion: 93 Resp: 7788

Ion	Ratio	Lower	Upper
93	100		
63	60.9	49.1	73.7
95	26.9	22.6	33.8



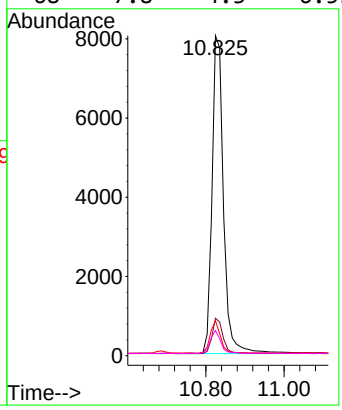


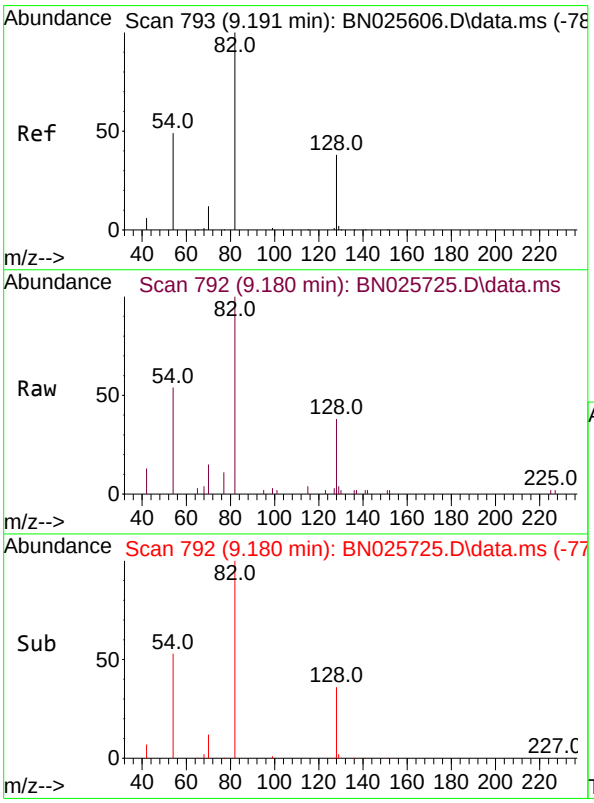
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.825 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16276

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.9	5.4	8.0#
68	7.8	4.3	6.5#

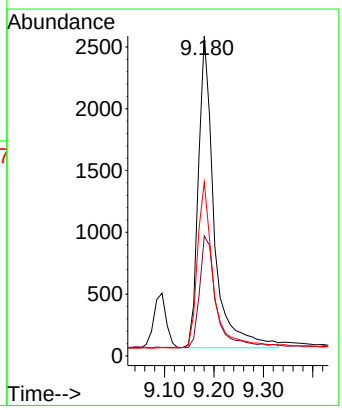


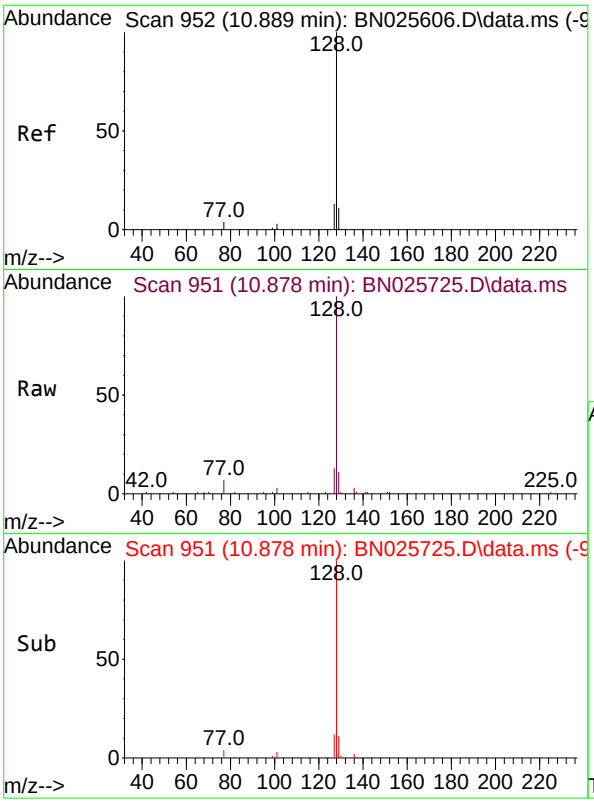


#8
Nitrobenzene-d5
Concen: 0.410 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion: 82 Resp: 5590

Ion	Ratio	Lower	Upper
82	100		
128	37.5	32.5	48.7
54	54.3	40.6	60.8



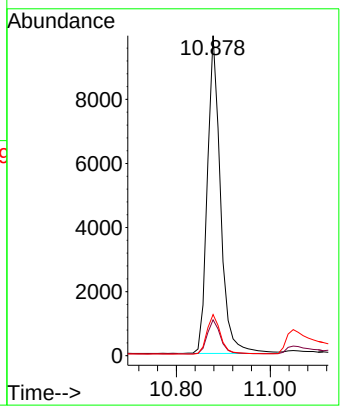


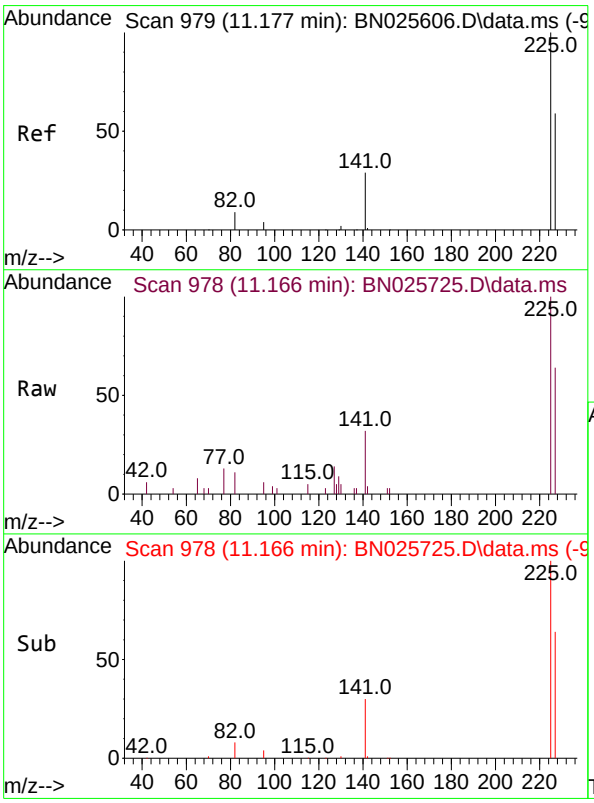
#9
Naphthalene
Concen: 0.432 ng
RT: 10.878 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 19251

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	12.9	11.0	16.6

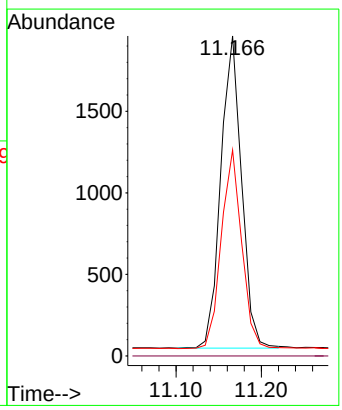


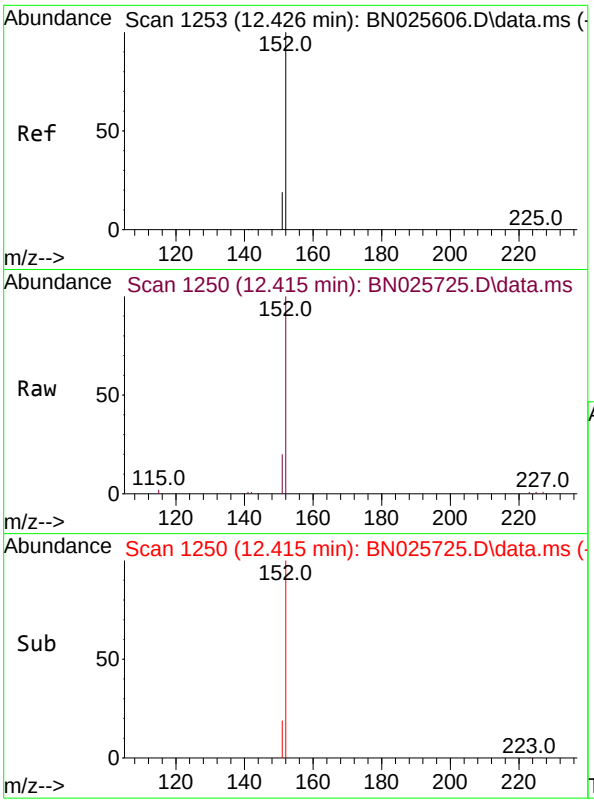


#10
Hexachlorobutadiene
Concen: 0.418 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:225 Resp: 3229

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.6	48.4	72.6



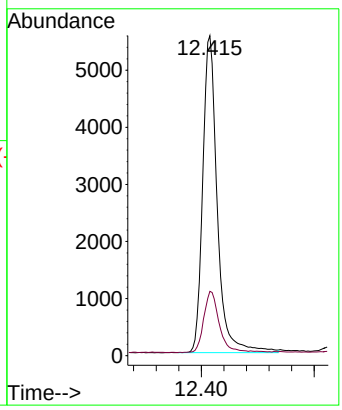


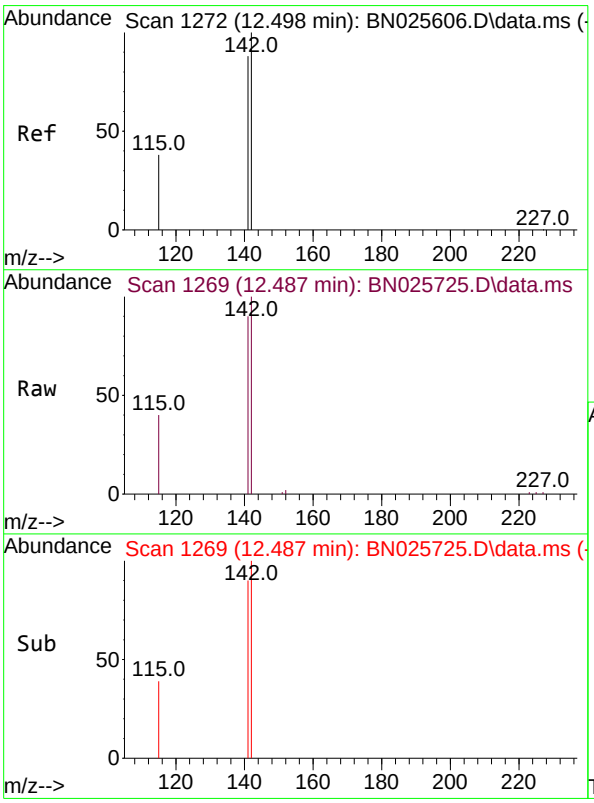
#11
2-Methylnaphthalene-d10
Concen: 0.427 ng
RT: 12.415 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9922

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1

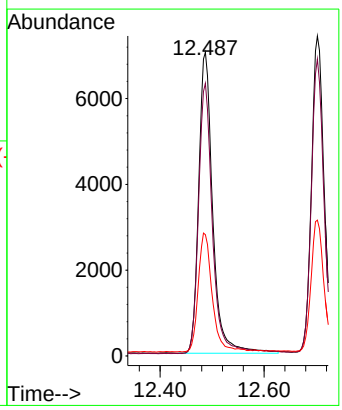


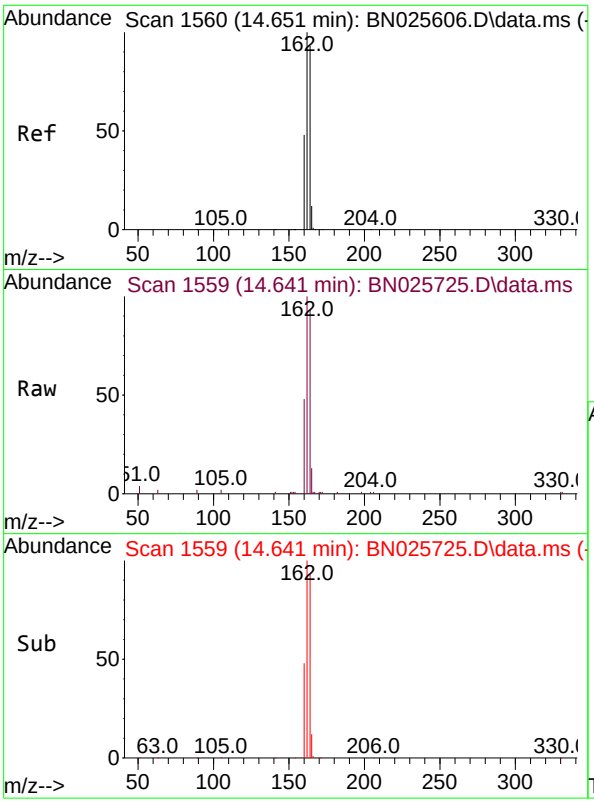


#12
2-Methylnaphthalene
Concen: 0.430 ng
RT: 12.487 min Scan# 1269
Delta R.T. -0.008 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:142 Resp: 13183

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.7	106.1
115	40.0	31.5	47.3



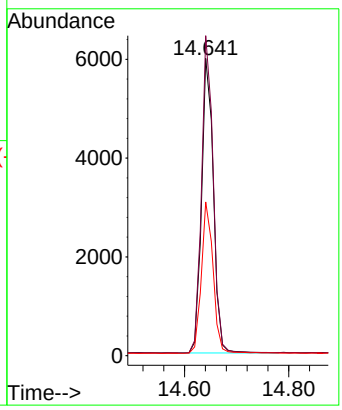


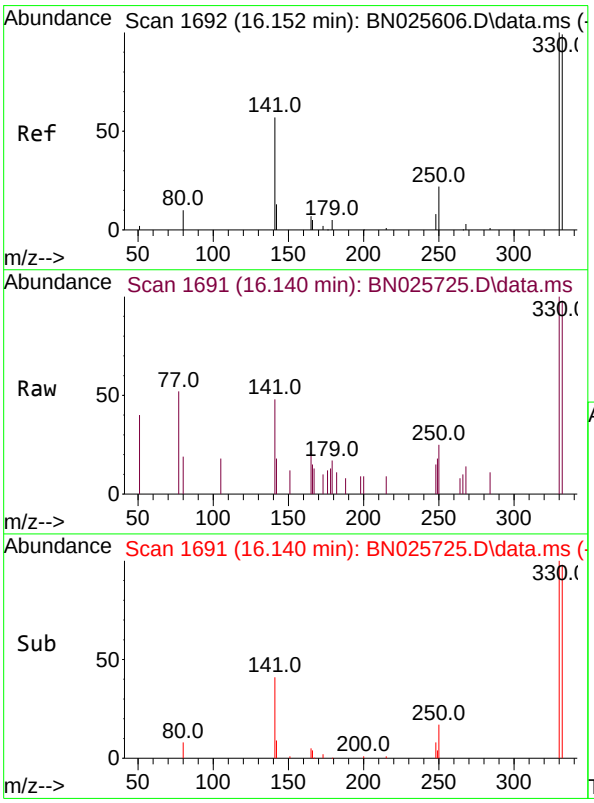
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9423

Ion	Ratio	Lower	Upper
164	100		
162	107.6	86.4	129.6
160	51.7	41.9	62.9

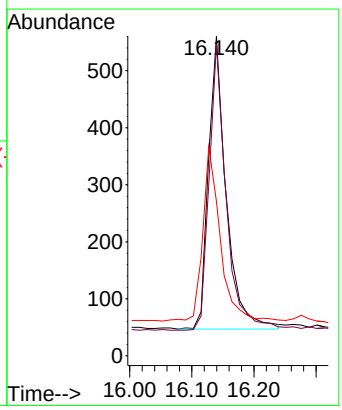


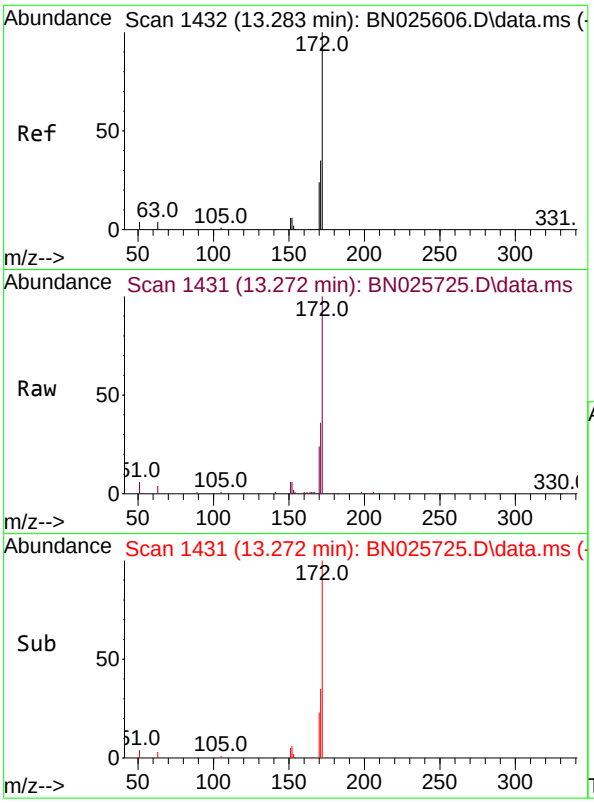


#14
2,4,6-Tribromophenol
Concen: 0.537 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:330 Resp: 1022

Ion	Ratio	Lower	Upper
330	100		
332	93.8	80.0	120.0
141	56.3	45.8	68.6



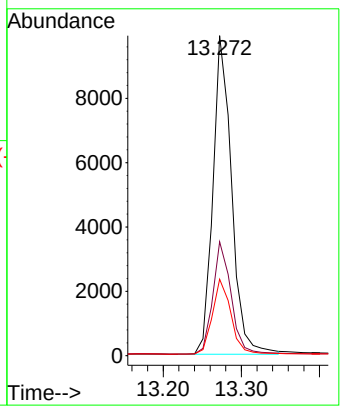


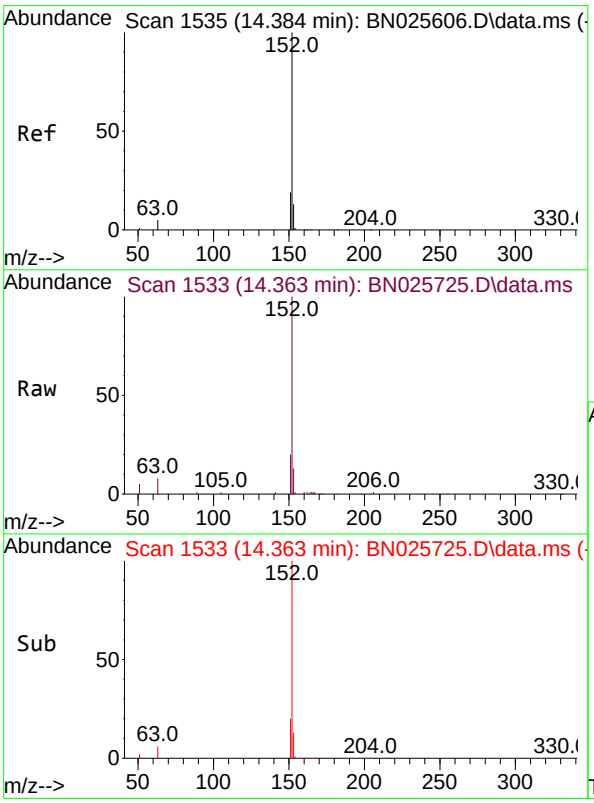
#15
2-Fluorobiphenyl
Concen: 0.421 ng
RT: 13.272 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 16382

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	42.8
170	23.9	19.7	29.5

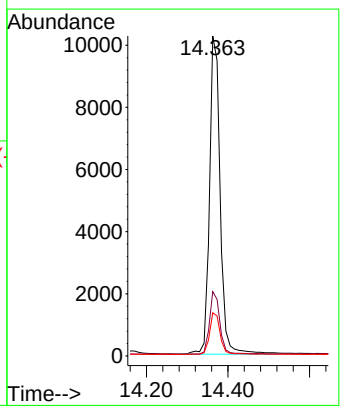


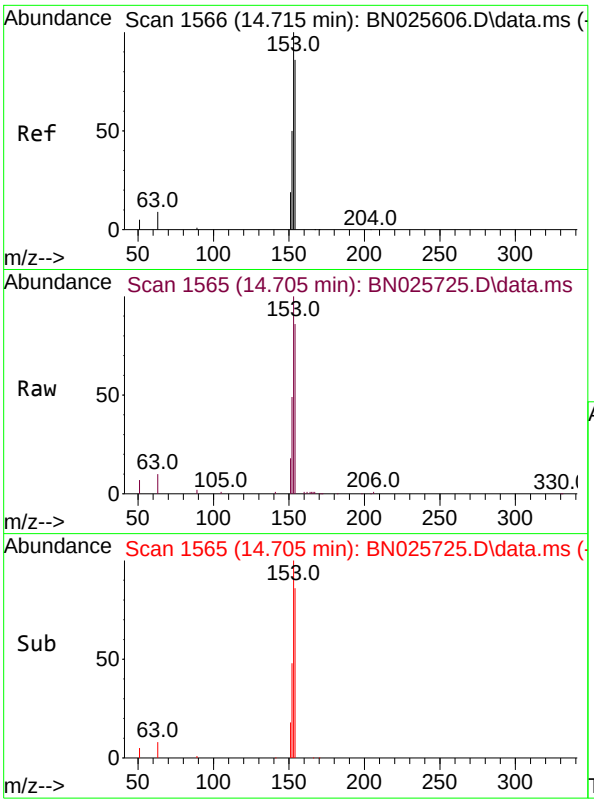


#16
Acenaphthylene
Concen: 0.417 ng
RT: 14.363 min Scan# 1533
Delta R.T. -0.011 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:152 Resp: 18557

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.6
153	12.9	10.6	15.8





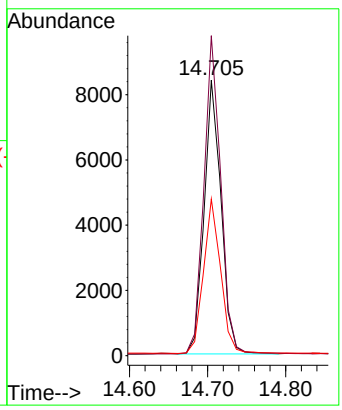
#17
Acenaphthene
Concen: 0.432 ng
RT: 14.705 min Scan# 1

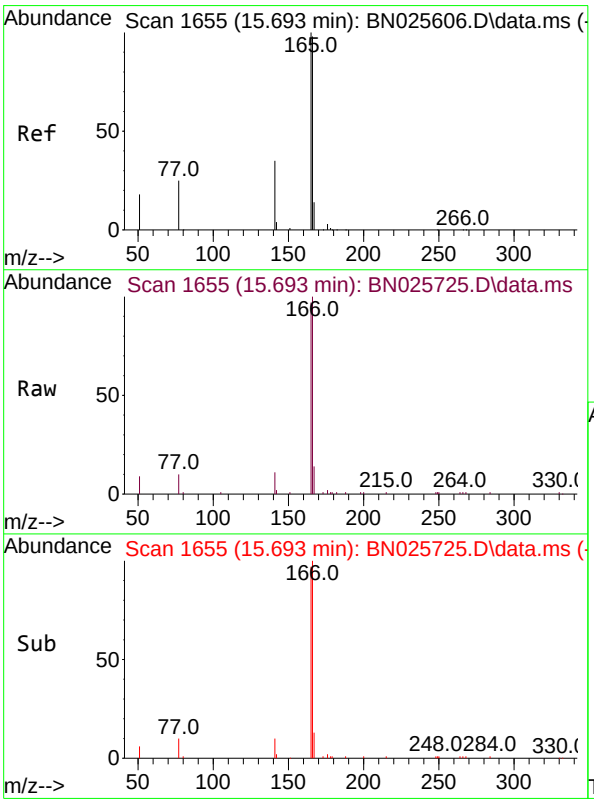
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Delta R.T. -0.010 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:154 Resp: 12665

Ion	Ratio	Lower	Upper
154	100		
153	115.7	91.9	137.9
152	57.3	45.4	68.2

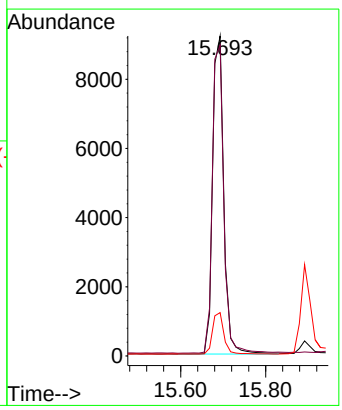


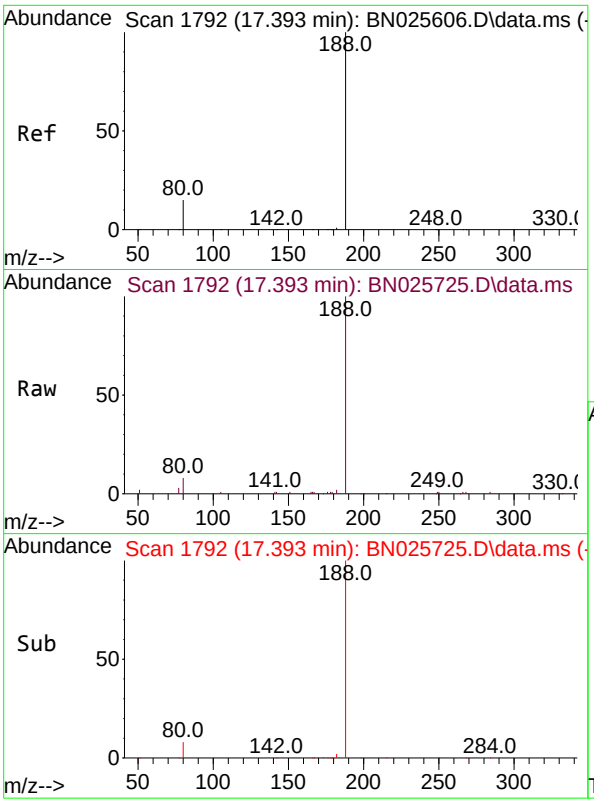


#18
Fluorene
Concen: 0.432 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:166 Resp: 16731

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.3	118.9
167	13.3	10.7	16.1



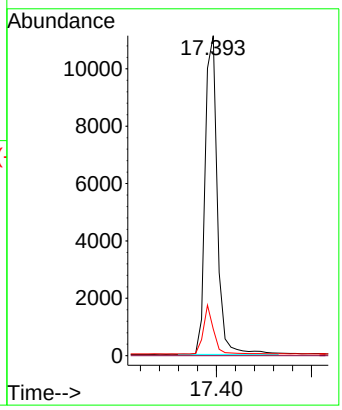


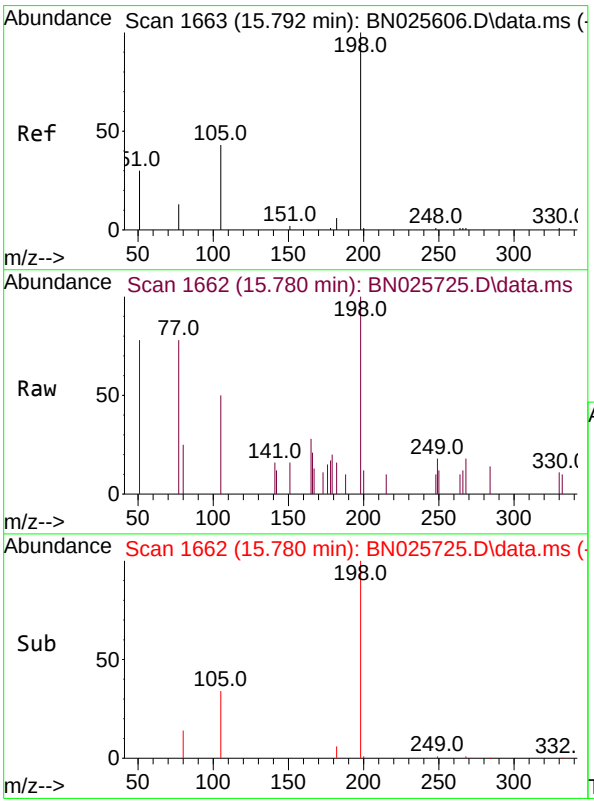
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 19910

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	12.2	18.2#

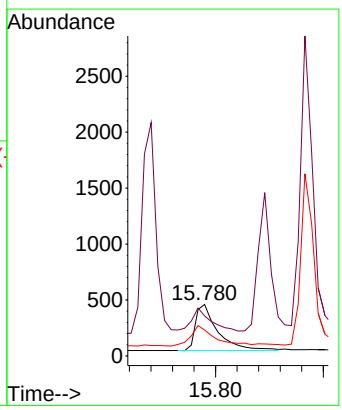


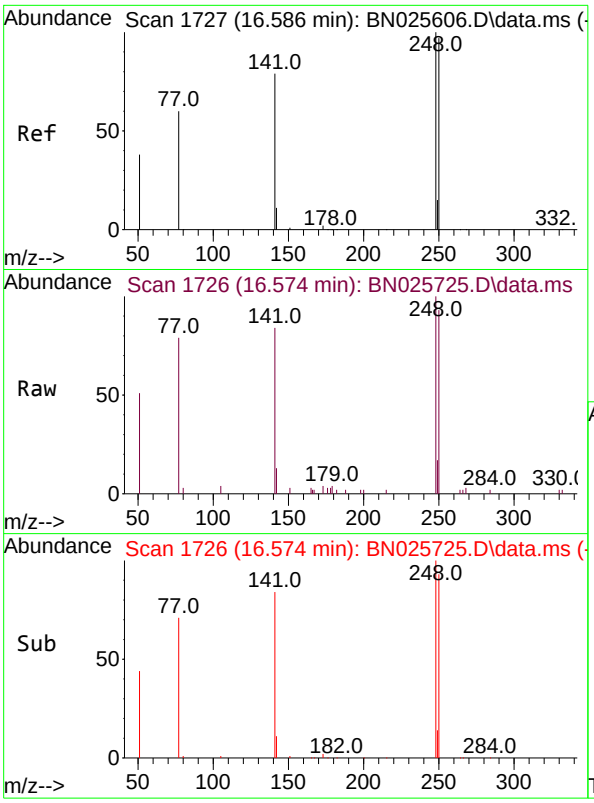


#20
4,6-Dinitro-2-methylphenol
Concen: 0.536 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:198 Resp: 1179

Ion	Ratio	Lower	Upper
198	100		
51	77.6	110.8	166.2#
105	50.4	61.9	92.9#



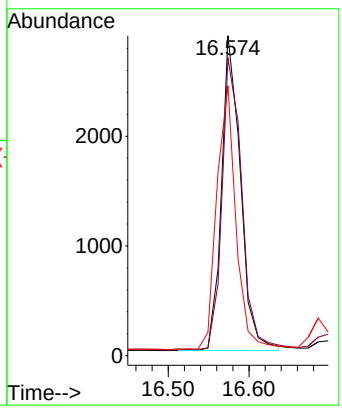


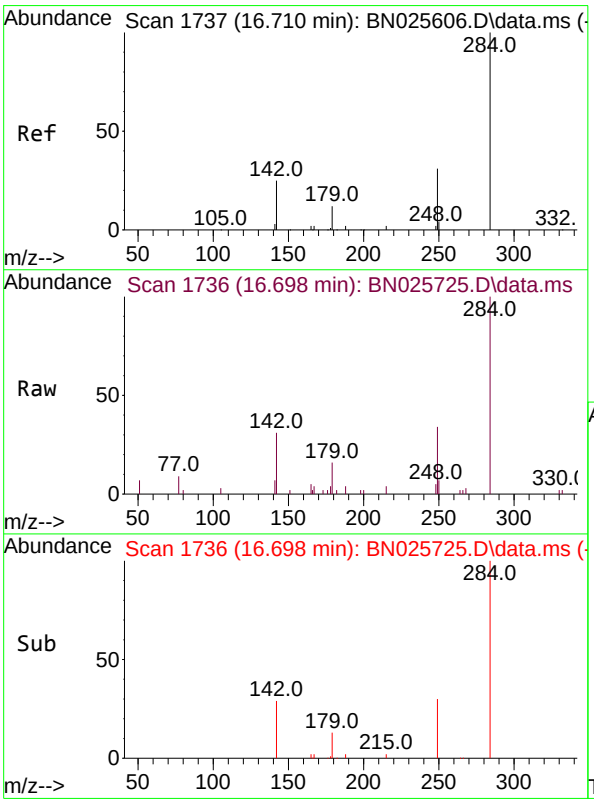
#21
4-Bromophenyl-phenylether
Concen: 0.414 ng
RT: 16.574 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 4678

Ion	Ratio	Lower	Upper
248	100		
250	92.9	77.5	116.3
141	84.4	64.0	96.0

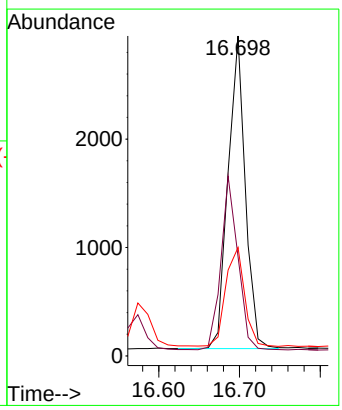


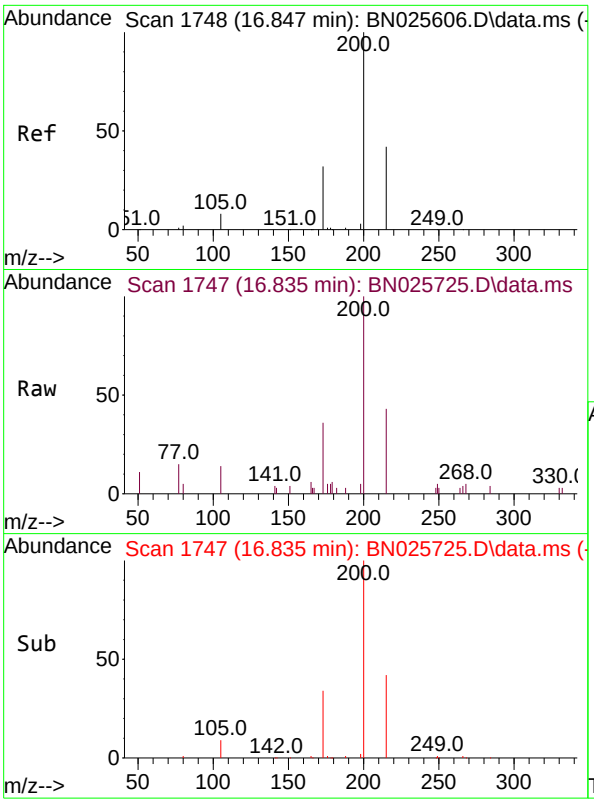


#22
Hexachlorobenzene
Concen: 0.414 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:284 Resp: 4280

Ion	Ratio	Lower	Upper
284	100		
142	54.3	42.0	63.0
249	34.8	28.6	43.0



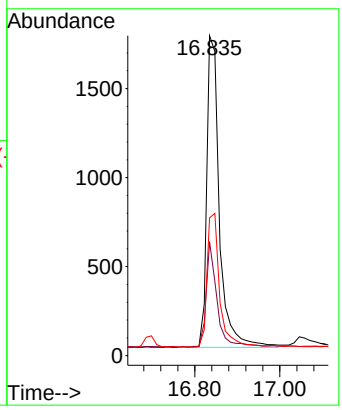


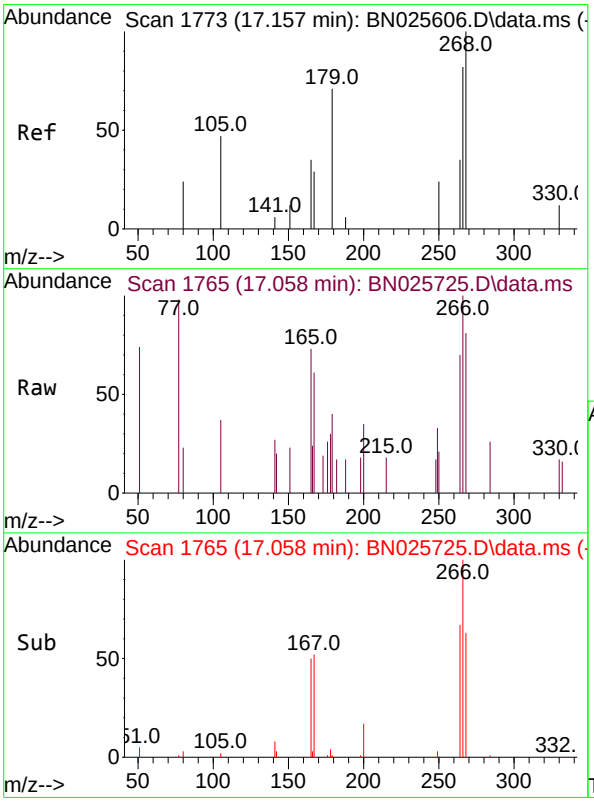
#23
Atrazine
Concen: 0.400 ng
RT: 16.835 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 3608

Ion	Ratio	Lower	Upper
200	100		
173	35.6	27.9	41.9
215	43.1	35.1	52.7

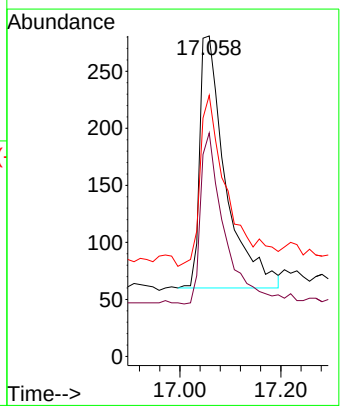


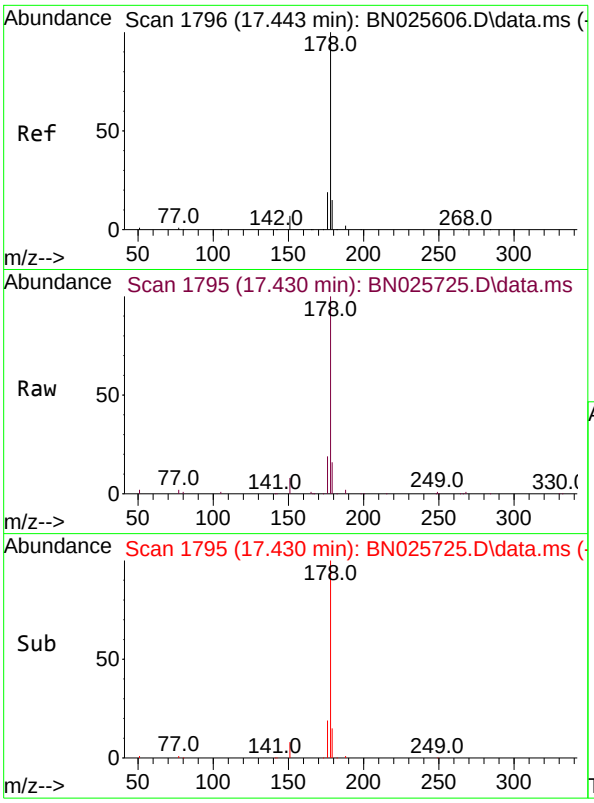


#24
Pentachlorophenol
Concen: 0.868 ng
RT: 17.058 min Scan# 1765
Delta R.T. -0.013 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:266 Resp: 789

Ion	Ratio	Lower	Upper
266	100		
264	63.0	60.0	90.0
268	72.0	0.0	0.0#



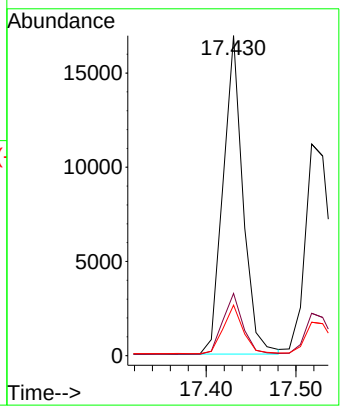


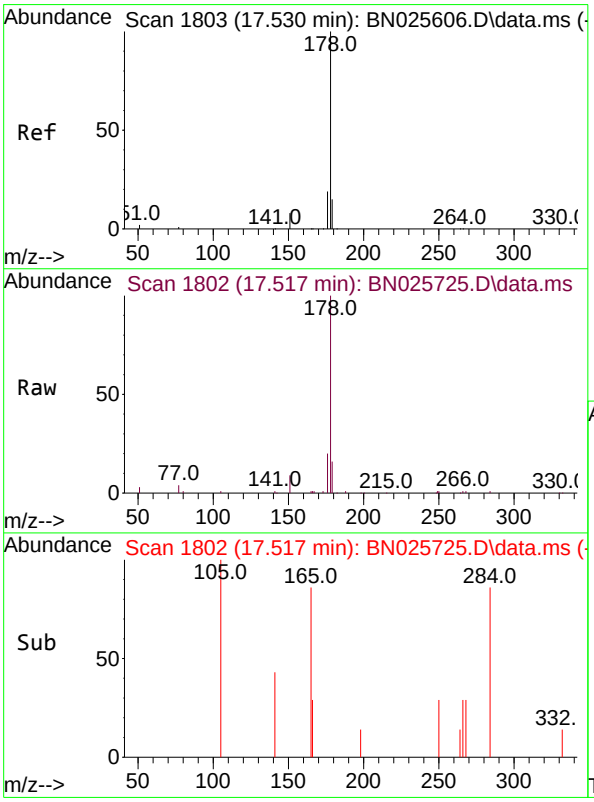
#25
Phenanthrene
Concen: 0.429 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 25977

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.3	12.6	19.0

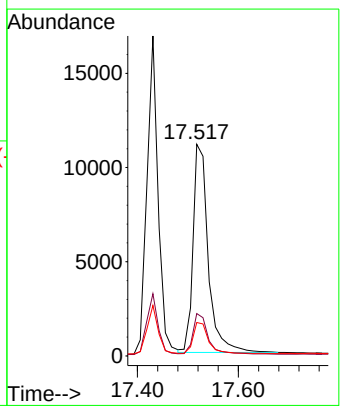


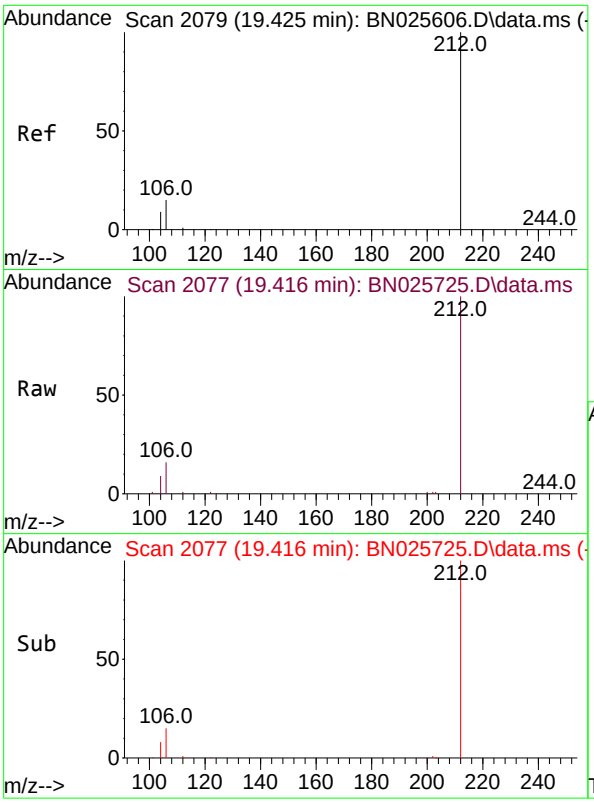


#26
Anthracene
Concen: 0.422 ng
RT: 17.517 min Scan# 1802
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:178 Resp: 23143

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.8	22.2
179	14.8	12.2	18.2



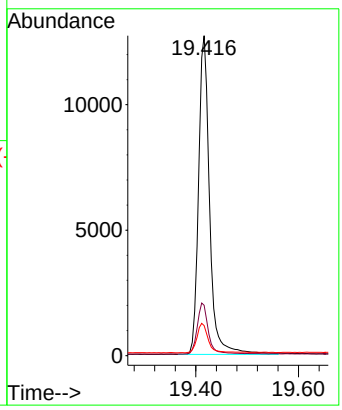


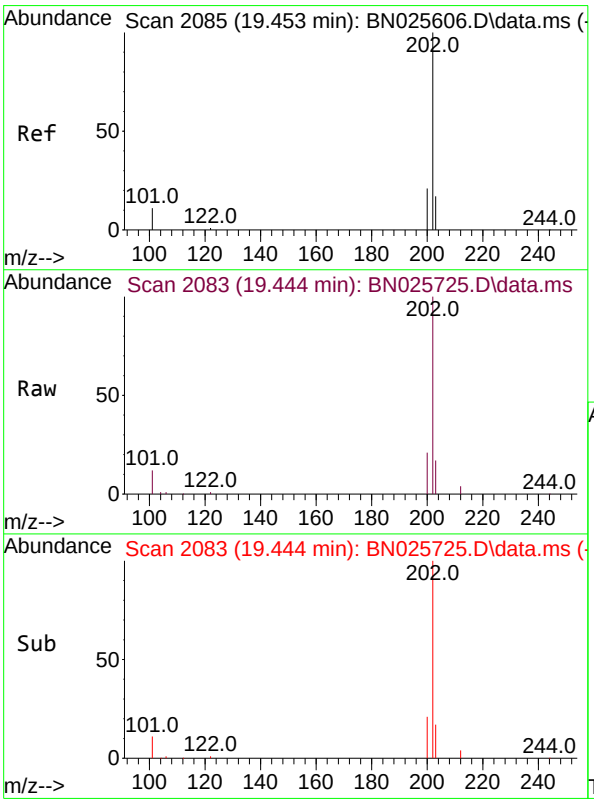
#27
Fluoranthene-d10
Concen: 0.420 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 18942

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.3	18.5
104	9.3	7.2	10.8

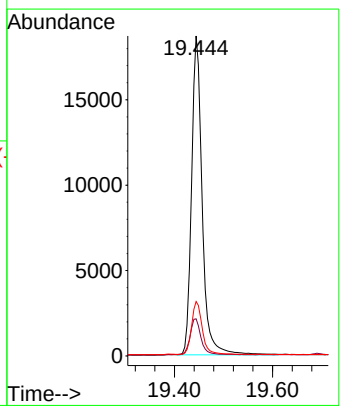


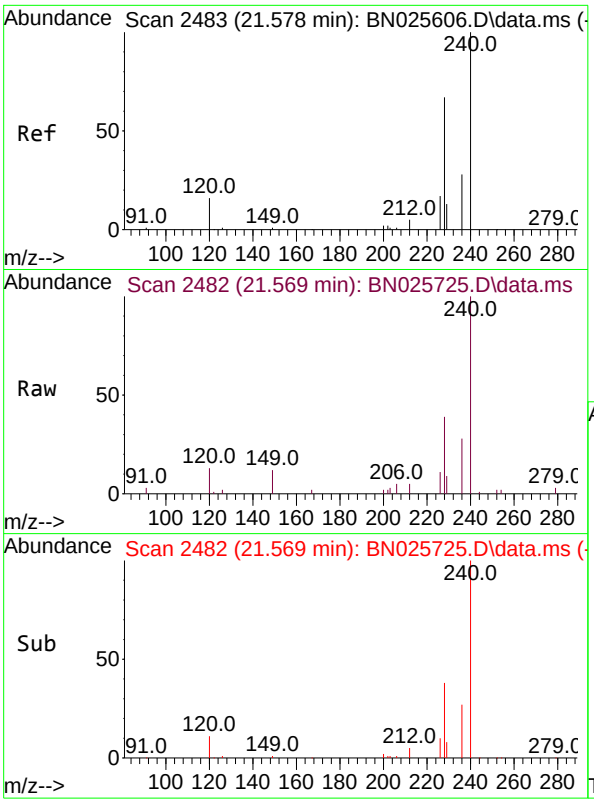


#28
Fluoranthene
Concen: 0.425 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:202 Resp: 28094

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.2	13.8
203	16.7	13.3	19.9



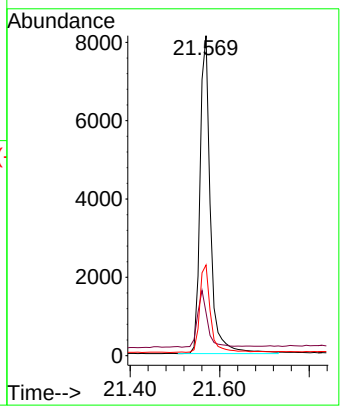


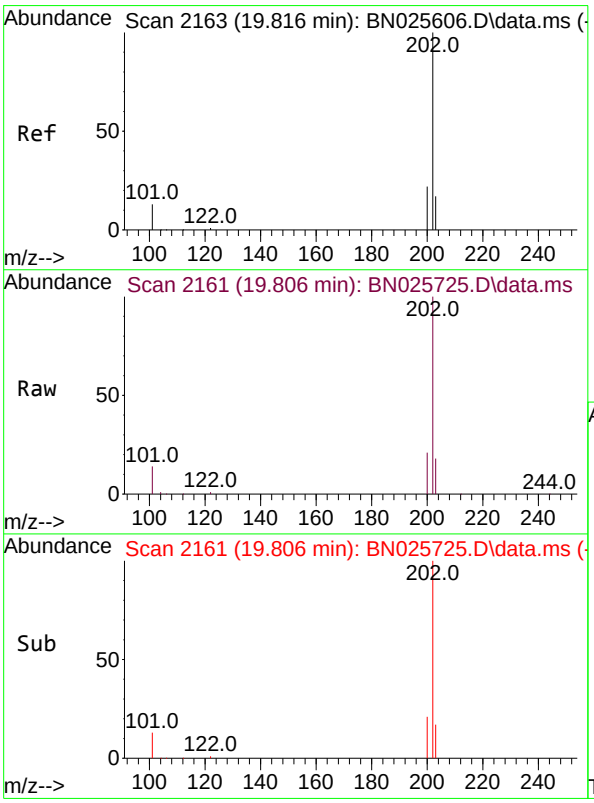
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 13144

Ion	Ratio	Lower	Upper
240	100		
120	13.5	15.4	23.0#
236	28.4	23.2	34.8

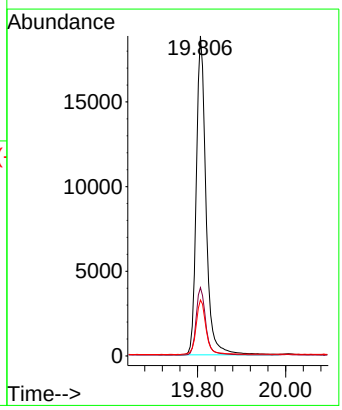


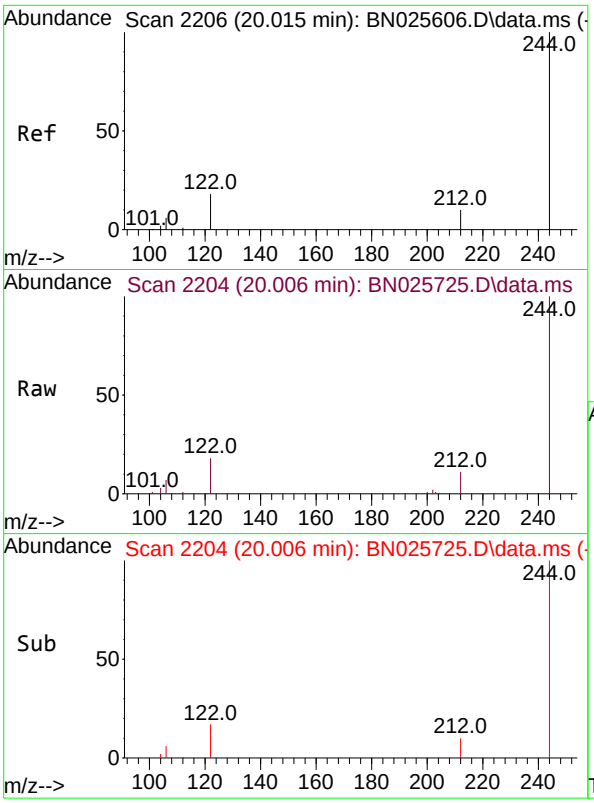


#30
Pyrene
Concen: 0.449 ng
RT: 19.806 min Scan# 2161
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:202 Resp: 28732

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.1	25.7
203	17.4	14.5	21.7



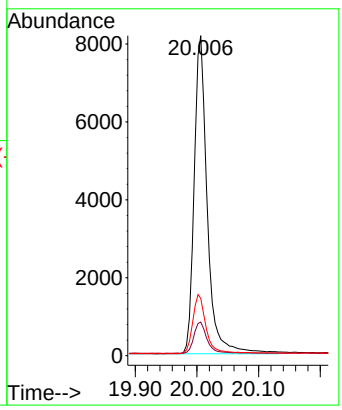


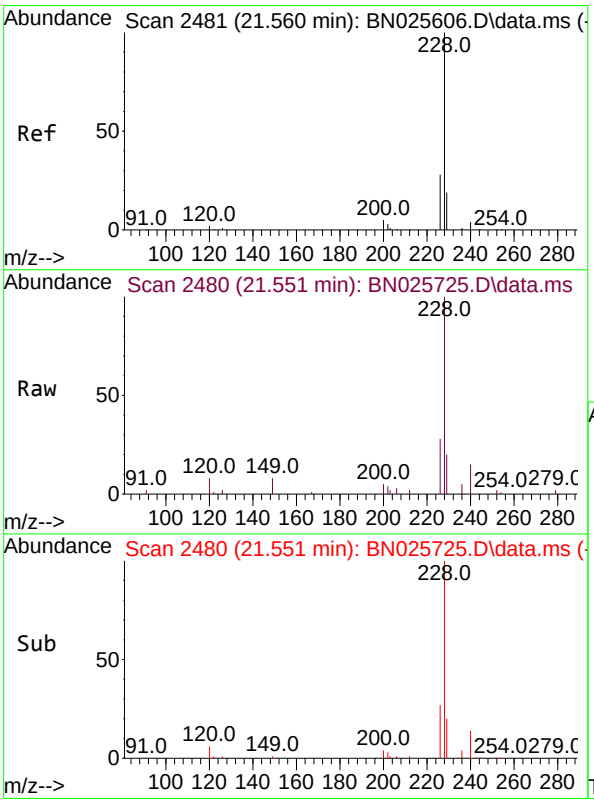
#31
Terphenyl-d14
Concen: 0.422 ng
RT: 20.006 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 12131

Ion	Ratio	Lower	Upper
244	100		
212	10.5	8.5	12.7
122	17.9	14.9	22.3

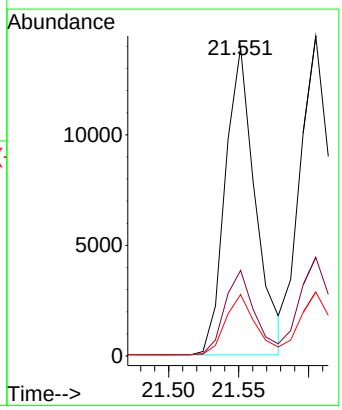


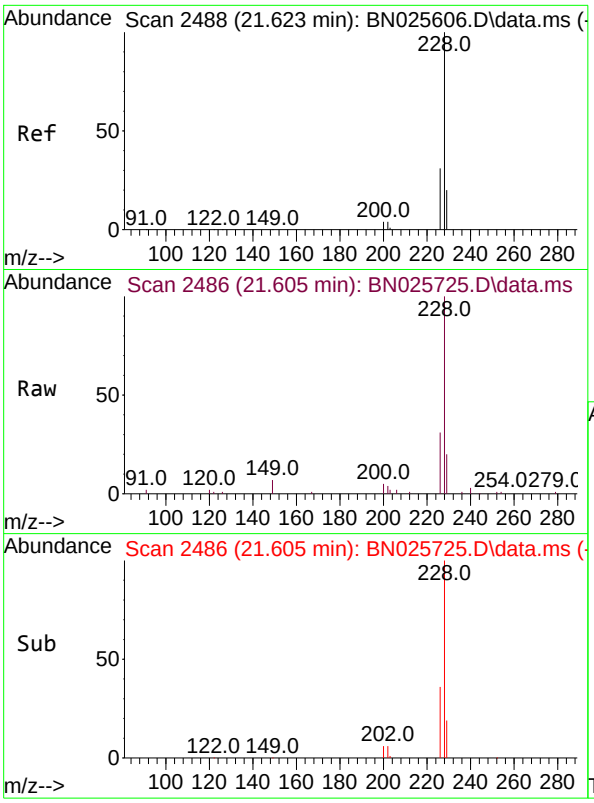


#32
Benzo(a)anthracene
Concen: 0.425 ng
RT: 21.551 min Scan# 2480
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:228 Resp: 20822

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.9	34.3
229	19.9	15.9	23.9



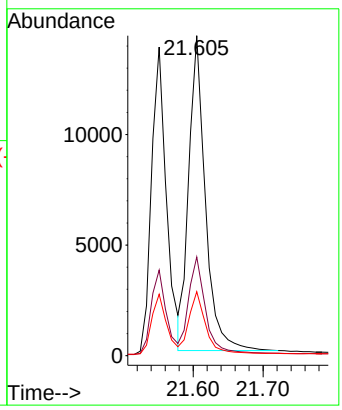


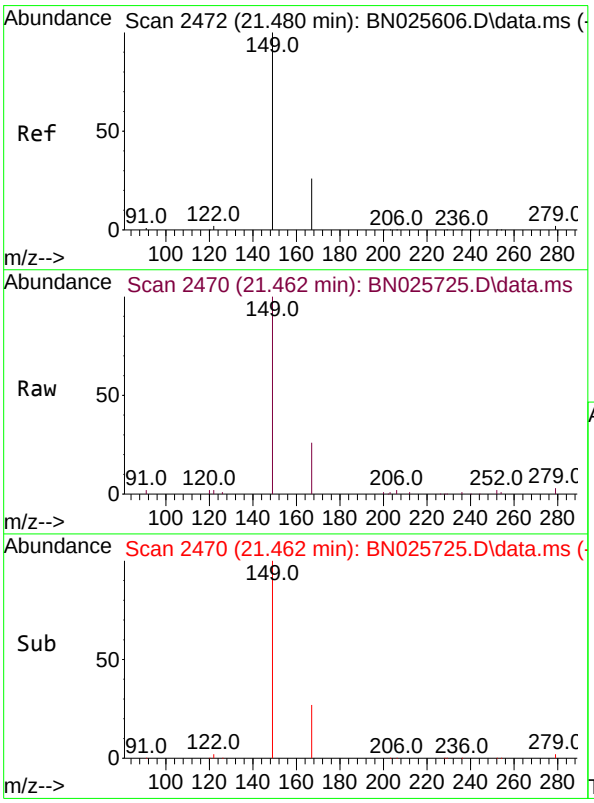
#33
Chrysene
Concen: 0.441 ng
RT: 21.605 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 23437

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	20.0	16.2	24.4

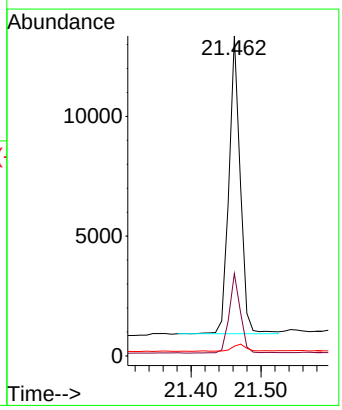


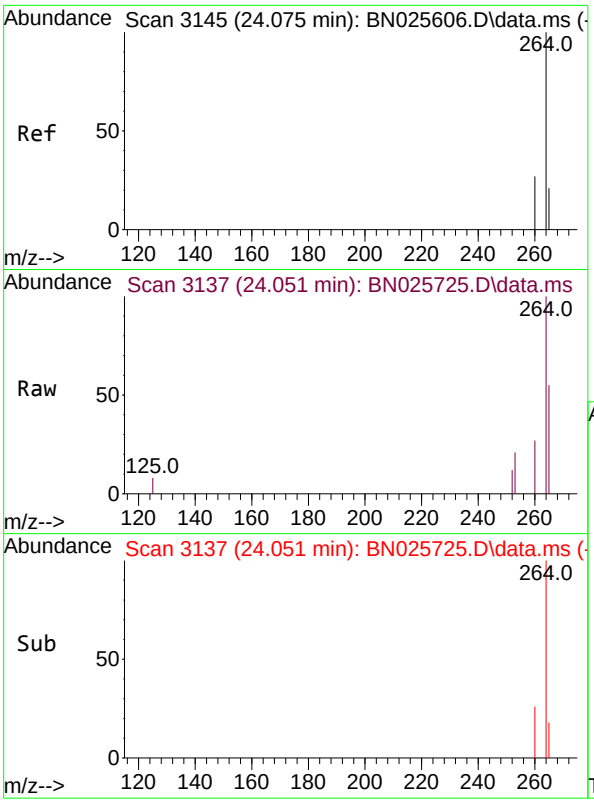


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.469 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:149 Resp: 13977

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.4	30.6
279	2.8	3.3	4.9#



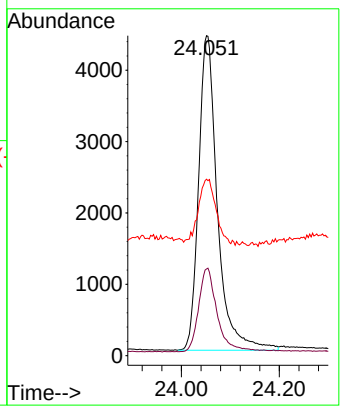


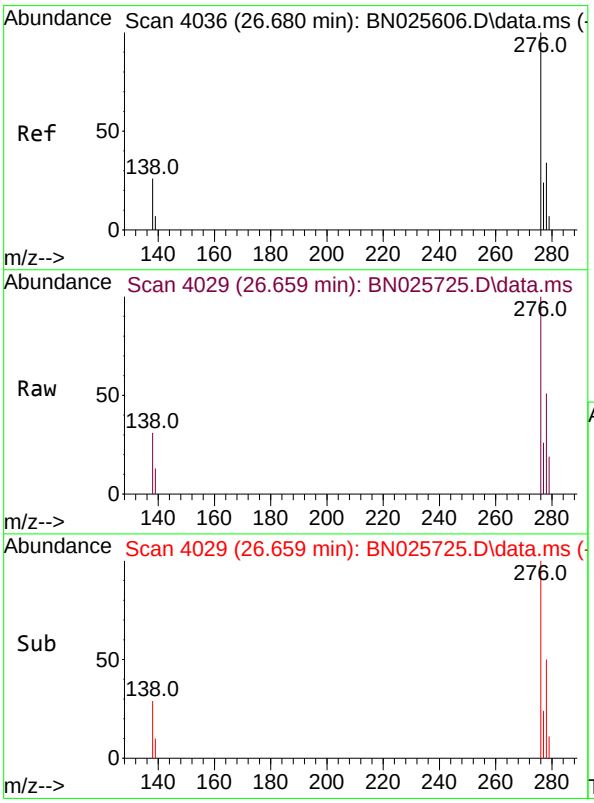
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 11745

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.3	33.5
265	55.1	54.3	81.5

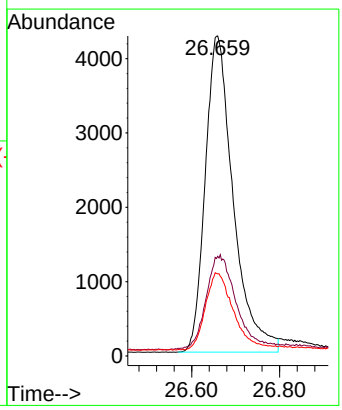


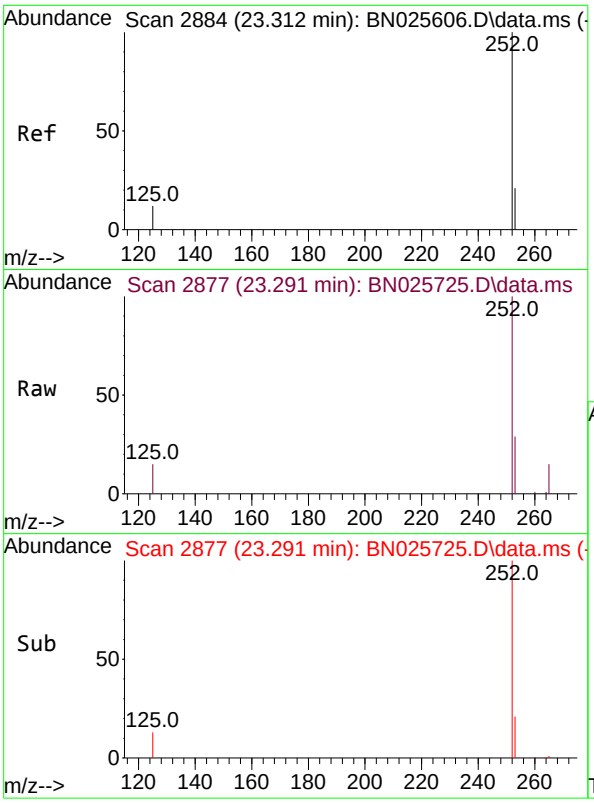


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 26.659 min Scan# 4029
Delta R.T. -0.021 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:276 Resp: 18823

Ion	Ratio	Lower	Upper
276	100		
138	31.7	10.5	15.7#
277	24.3	9.2	13.8#



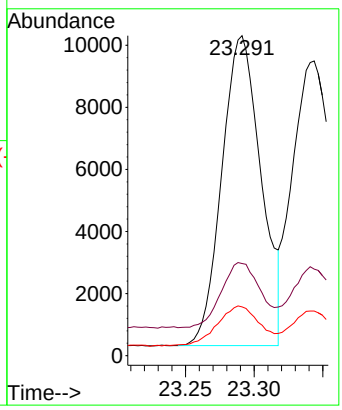


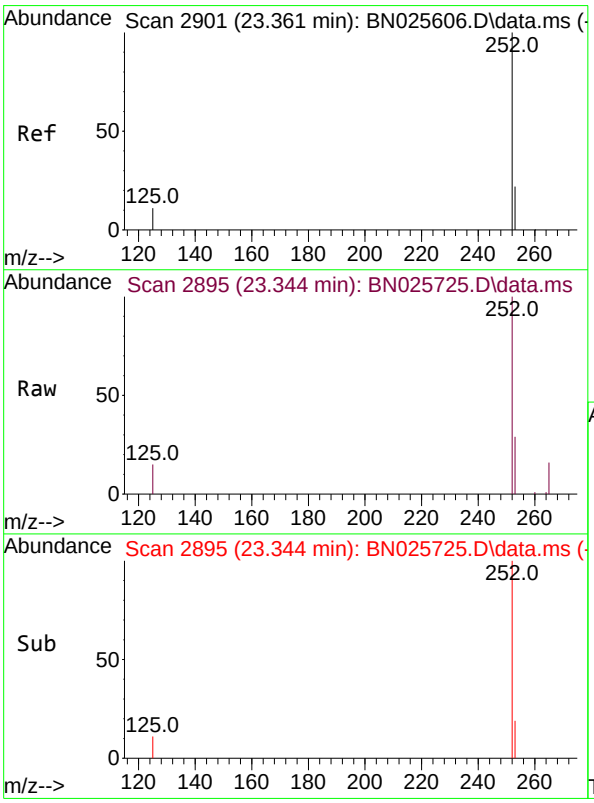
#37
Benzo(b)fluoranthene
Concen: 0.445 ng
RT: 23.291 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 19876

Ion	Ratio	Lower	Upper
252	100		
253	28.8	26.2	39.4
125	15.3	12.9	19.3

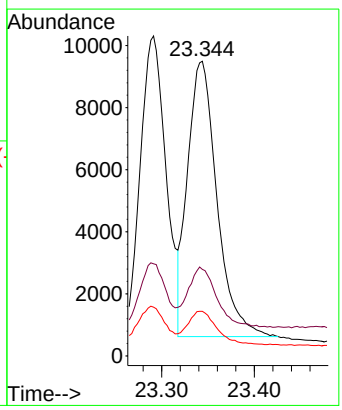


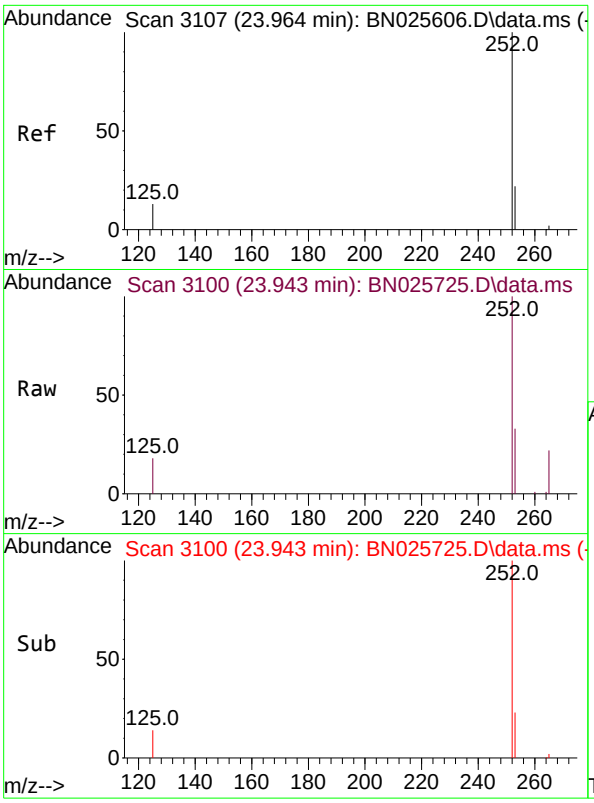


#38
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 23.344 min Scan# 2895
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:252 Resp: 19567

Ion	Ratio	Lower	Upper
252	100		
253	29.4	26.1	39.1
125	15.1	12.5	18.7



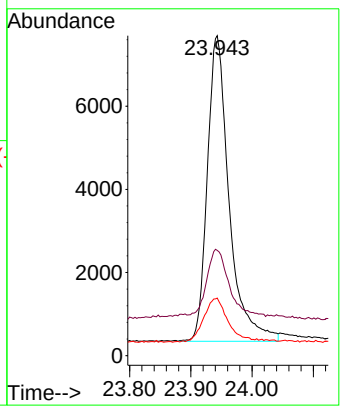


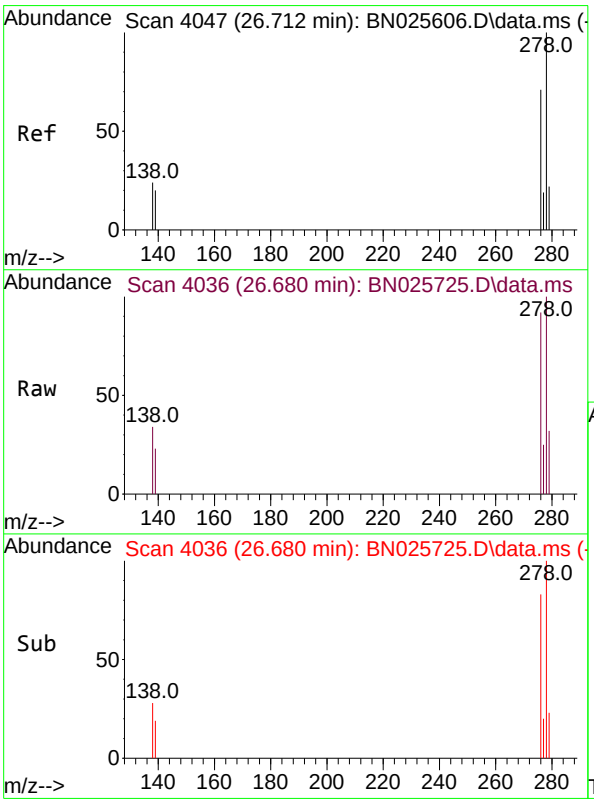
#39
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.943 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 18150

Ion	Ratio	Lower	Upper
252	100		
253	32.9	30.2	45.2
125	18.0	14.8	22.2

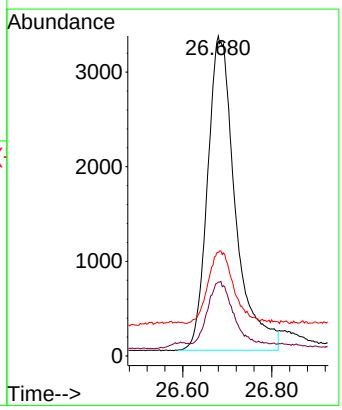


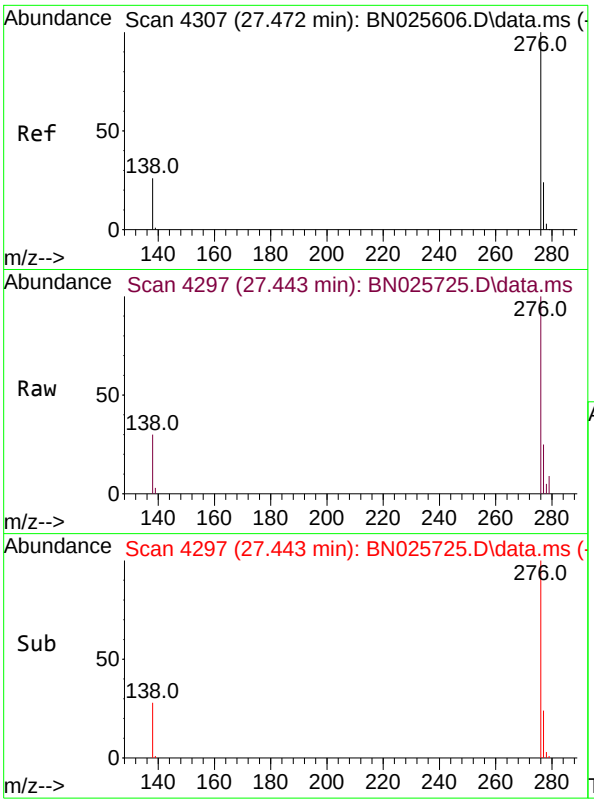


#40
Dibenzo(a,h)anthracene
Concen: 0.402 ng
RT: 26.680 min Scan# 4036
Delta R.T. -0.023 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Tgt Ion:278 Resp: 14335

Ion	Ratio	Lower	Upper
278	100		
139	23.1	18.6	28.0
279	32.4	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.413 ng
RT: 27.443 min Scan# 4
Delta R.T. -0.026 min
Lab File: BN025725.D
Acq: 30 May 2023 20:09

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 16819

Ion	Ratio	Lower	Upper
276	100		
277	25.4	21.4	32.0
138	29.6	22.8	34.2