Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025697.D
Acq On : 29 May 2023 01:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 01:57:15 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	5906	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16005	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	8307	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	15467	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	8805	0.400	ng		0.00
35) Perylene-d12	24.051	264	9000	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6188	0.409	ng		0.00
5) Phenol-d6	7.167	99	7308	0.403	ng		0.00
8) Nitrobenzene-d5	9.180	82	5340	0.399	ng		-0.01
11) 2-Methylnaphthalene-d10	12.415	152	9004	0.394	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	742	0.442	ng		-0.01
15) 2-Fluorobiphenyl	13.283	172	14169	0.413	ng		0.00
27) Fluoranthene-d10	19.421	212	12925	0.369	ng		0.00
31) Terphenyl-d14	20.011	244	7806	0.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2996	0.438	ng		97
3) n-Nitrosodimethylamine	3.744	42	2442	0.332	ng	#	92
6) bis(2-Chloroethyl)ether	7.434	93	7803	0.418	ng		99
9) Naphthalene	10.878	128	18219	0.416	ng		99
10) Hexachlorobutadiene	11.166	225	3178	0.419	ng	#	97
12) 2-Methylnaphthalene	12.491	142	11732	0.390	ng		99
16) Acenaphthylene	14.373	152	15558	0.397	ng		99
17) Acenaphthene	14.705	154	10538	0.408	ng		100
18) Fluorene	15.693	166	13415	0.393	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	832	0.500	ng	#	75
21) 4-Bromophenyl-phenylether	16.586	248	3661	0.417	ng	#	83
22) Hexachlorobenzene	16.698	284	3391	0.423	ng		98
23) Atrazine	16.847	200	2644	0.377	ng	#	93
24) Pentachlorophenol	17.071	266	407	0.724	ng	#	82
25) Phenanthrene	17.430	178	19426	0.413	ng		100
26) Anthracene	17.530	178	16937	0.398	ng		100
28) Fluoranthene	19.449	202	18904	0.368	ng		100
30) Pyrene	19.811	202	19085	0.445	ng		99
32) Benzo(a)anthracene	21.560	228	12869	0.392	ng		99
33) Chrysene	21.614	228	15391	0.433	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	7987	0.400	ng		100
36) Indeno(1,2,3-cd)pyrene	26.636	276	16648	0.482	ng	#	63
37) Benzo(b)fluoranthene	23.294	252	13645	0.398	ng		100
38) Benzo(k)fluoranthene	23.344	252	13896	0.389	ng		100
39) Benzo(a)pyrene	23.943	252	13439	0.410	ng		98
40) Dibenzo(a,h)anthracene	26.662	278	12784	0.468	ng		99
41) Benzo(g,h,i)perylene	27.431	276	15066	0.483	ng		98

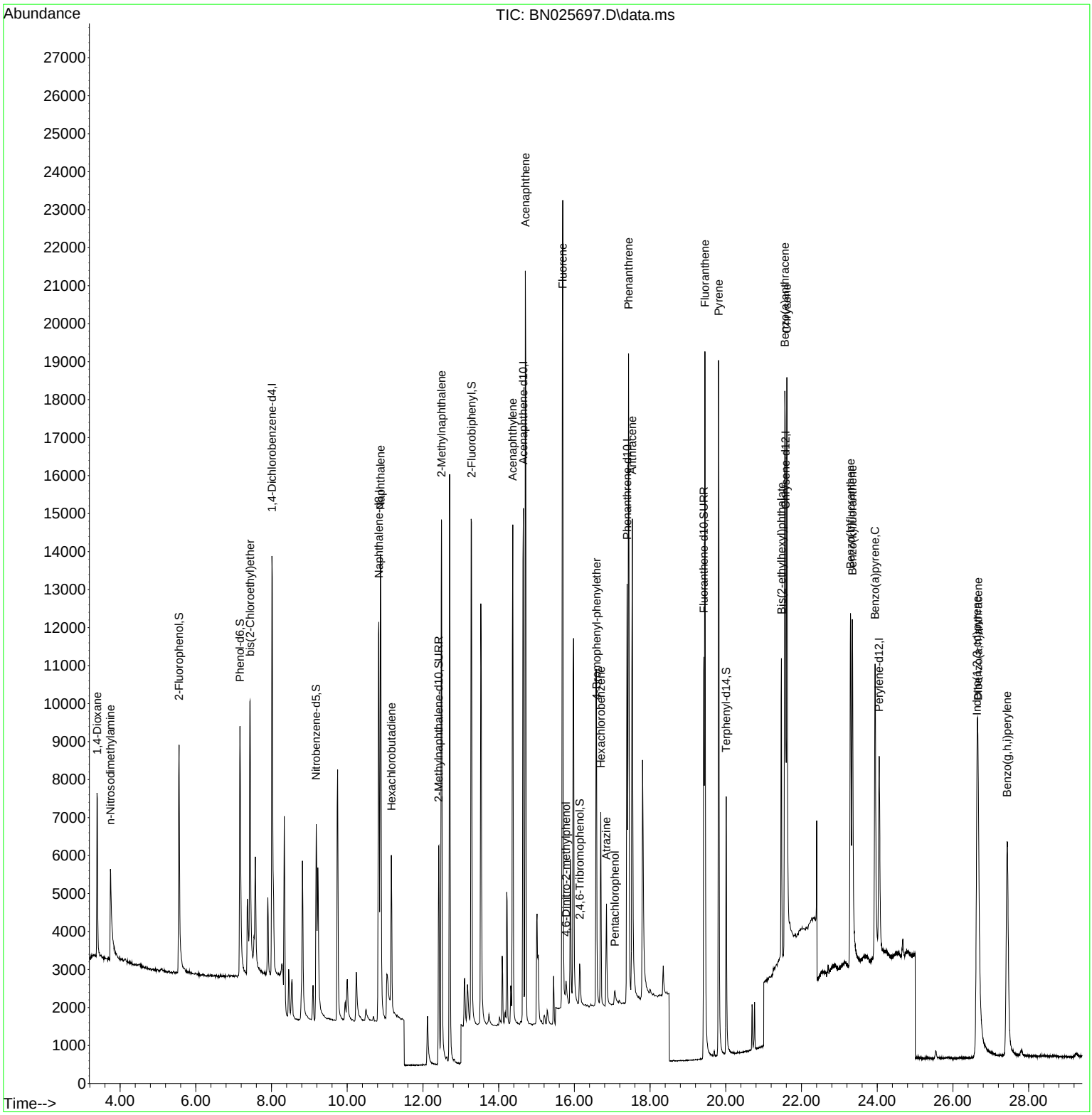
(#) = qualifier out of range (m) = manual integration (+) = signals summed

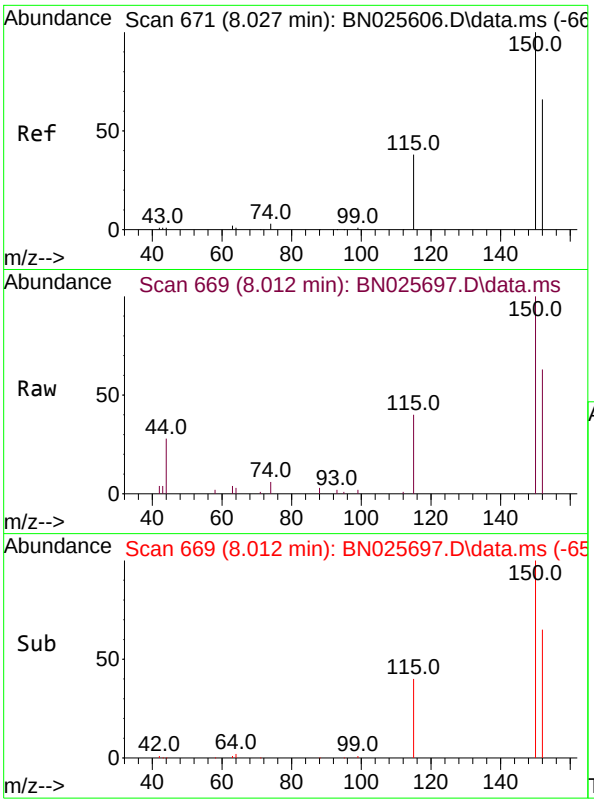
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025697.D
Acq On : 29 May 2023 01:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 96 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 01:57:15 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



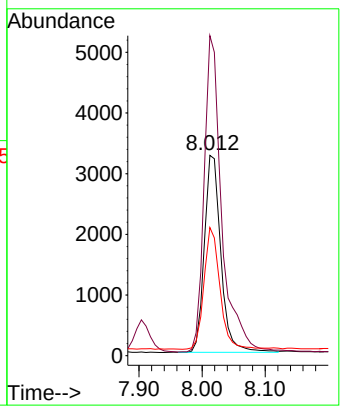


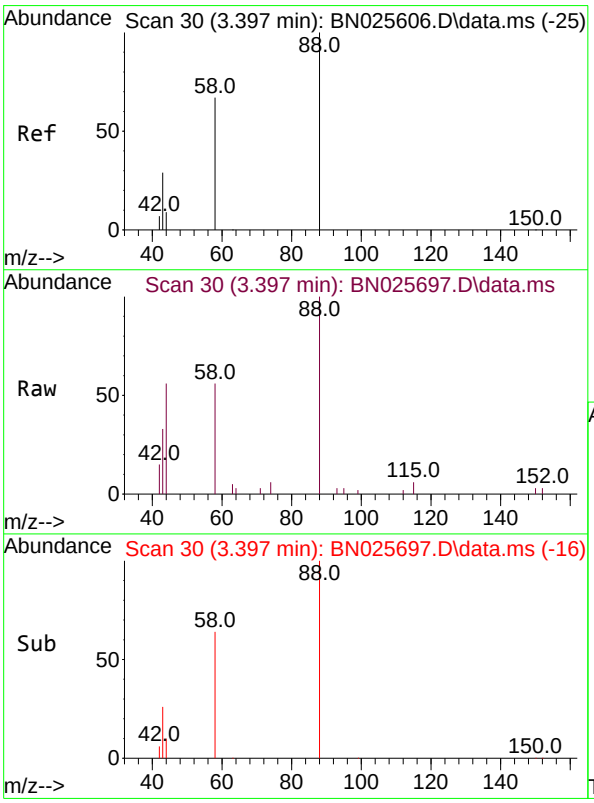
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 5906

Ion	Ratio	Lower	Upper
152	100		
150	159.7	121.0	181.6
115	64.0	48.5	72.7

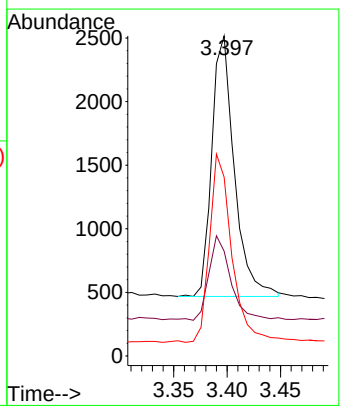


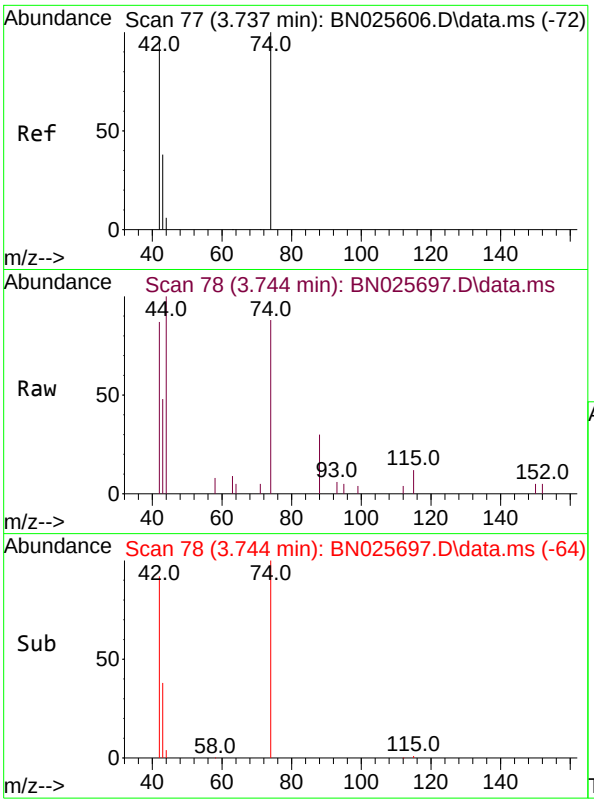


#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion: 88 Resp: 2996

Ion	Ratio	Lower	Upper
88	100		
43	29.8	26.5	39.7
58	71.8	56.8	85.2



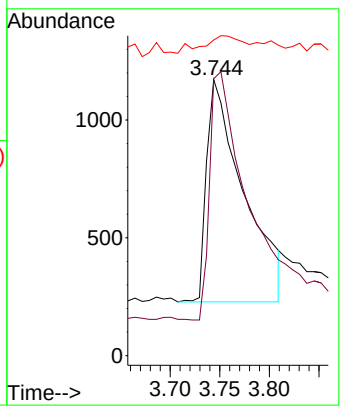


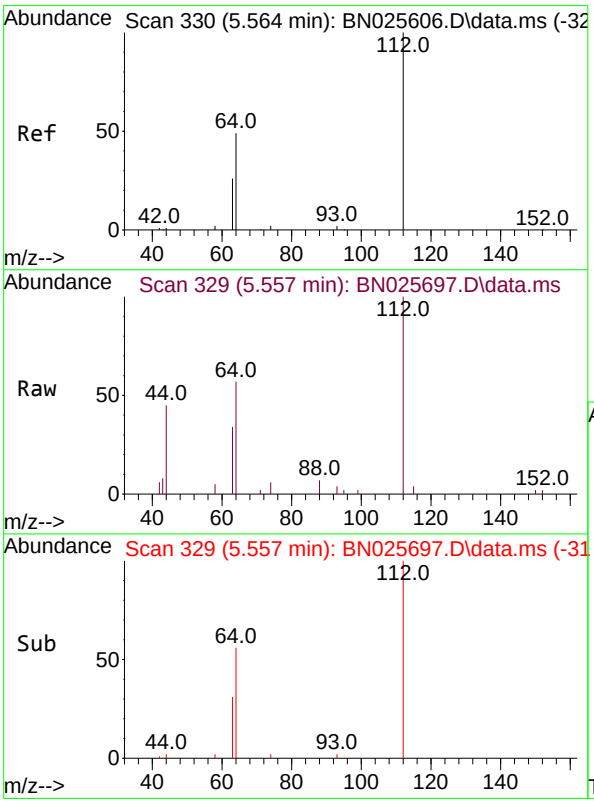
#3
n-Nitrosodimethylamine
Concen: 0.332 ng
RT: 3.744 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 2442

Ion	Ratio	Lower	Upper
42	100		
74	111.3	82.2	123.2
44	8.4	0.0	0.0#

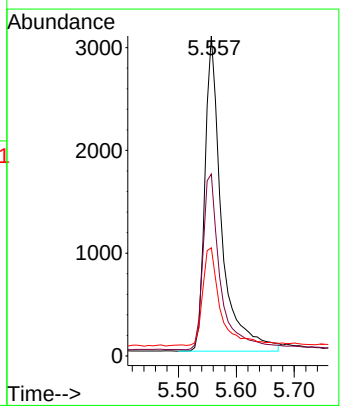


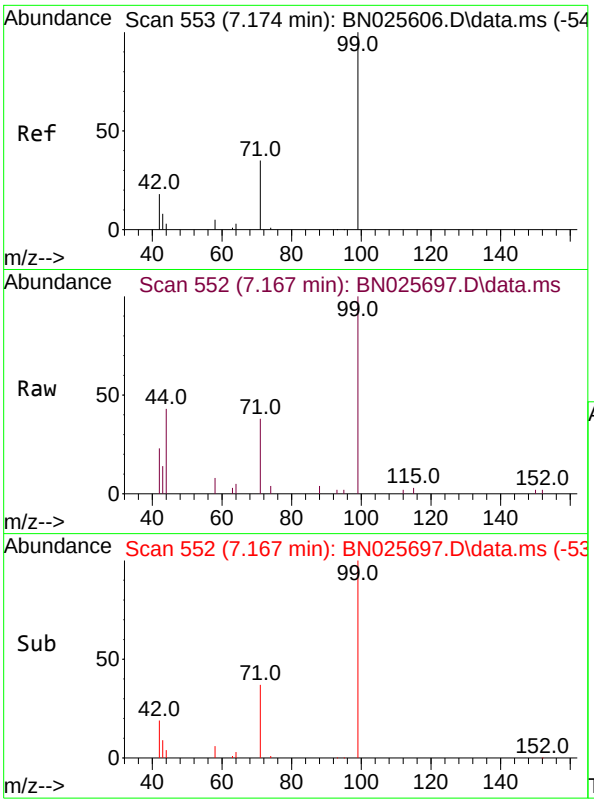


#4
2-Fluorophenol
Concen: 0.409 ng
RT: 5.557 min Scan# 329
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:112 Resp: 6188

Ion	Ratio	Lower	Upper
112	100		
64	58.3	45.7	68.5
63	33.8	26.2	39.2



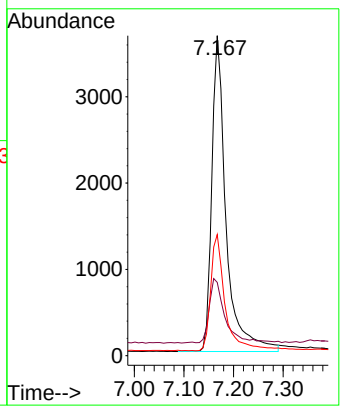


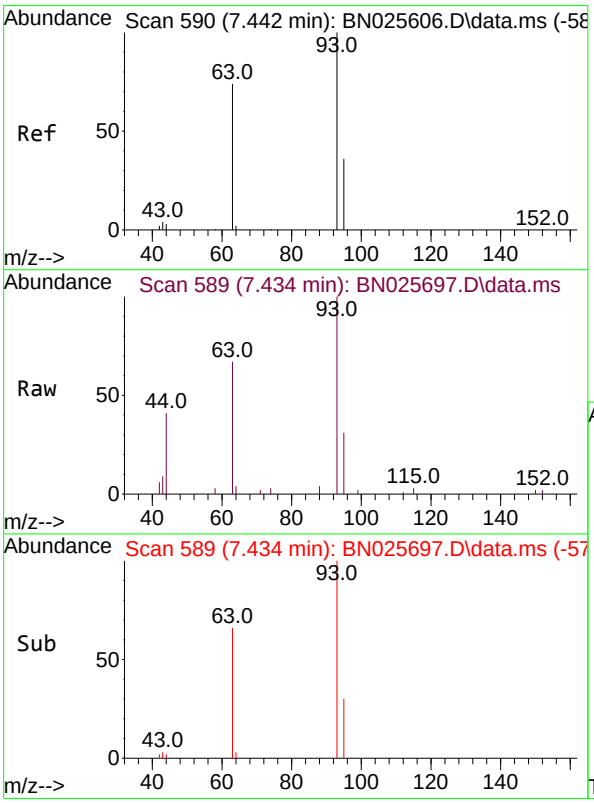
#5
Phenol-d6
Concen: 0.403 ng
RT: 7.167 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7308

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.1	25.7
71	37.4	29.3	43.9

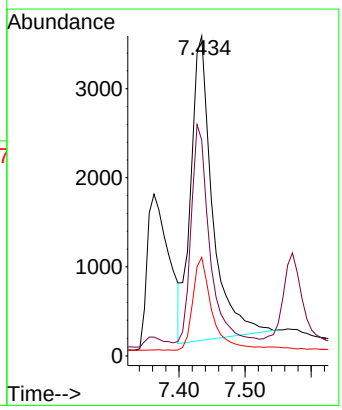


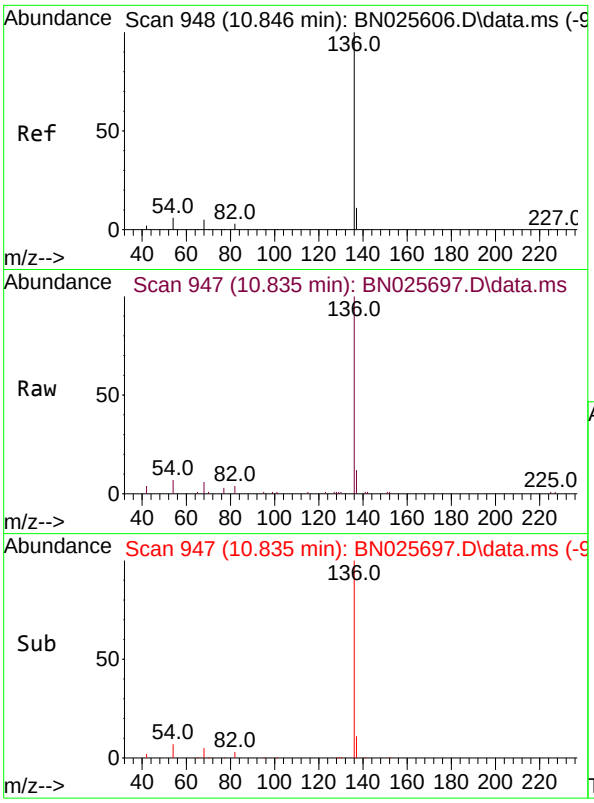


#6
bis(2-Chloroethyl)ether
Concen: 0.418 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion: 93 Resp: 7803

Ion	Ratio	Lower	Upper
93	100		
63	61.8	49.1	73.7
95	27.3	22.6	33.8



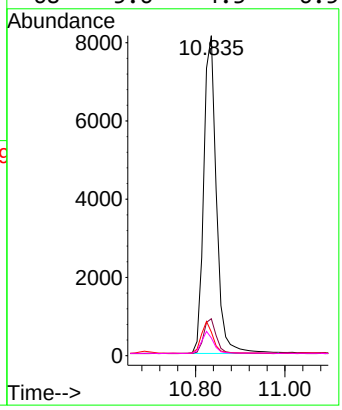


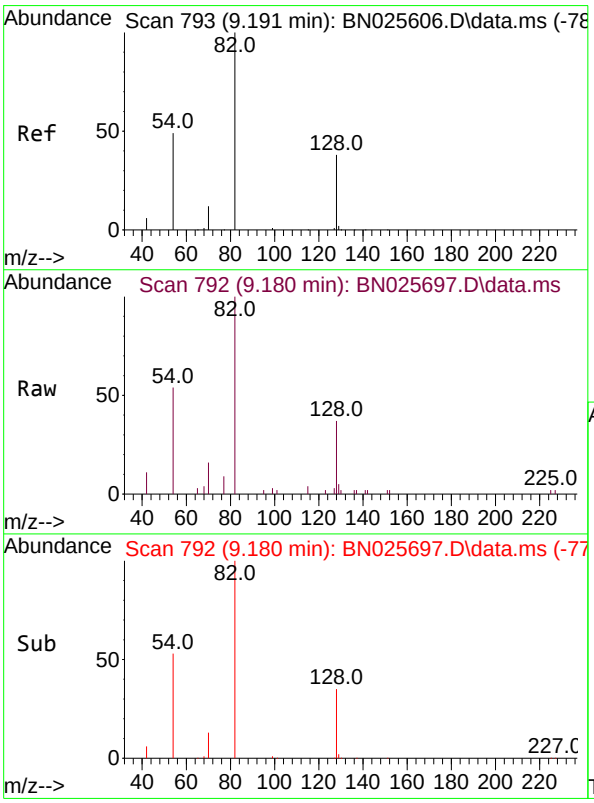
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 16005

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.4	5.4	8.0
68	5.6	4.3	6.5

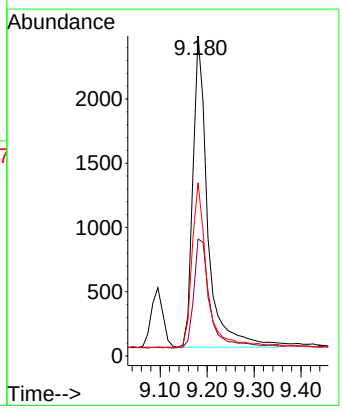


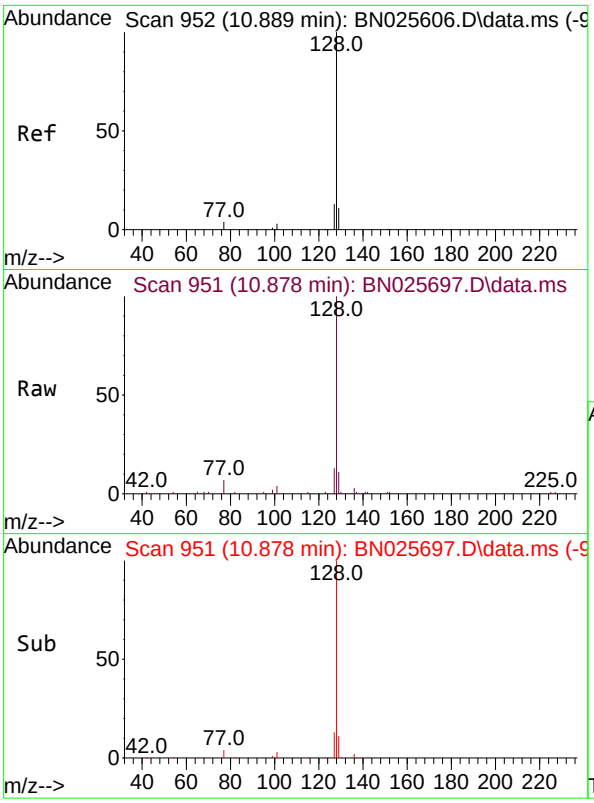


#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 9.180 min Scan# 792
Delta R.T. -0.011 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion: 82 Resp: 5340

Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.5	48.7
54	54.1	40.6	60.8



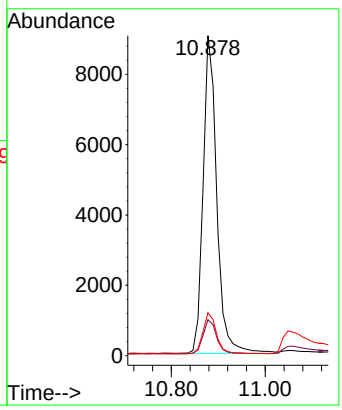


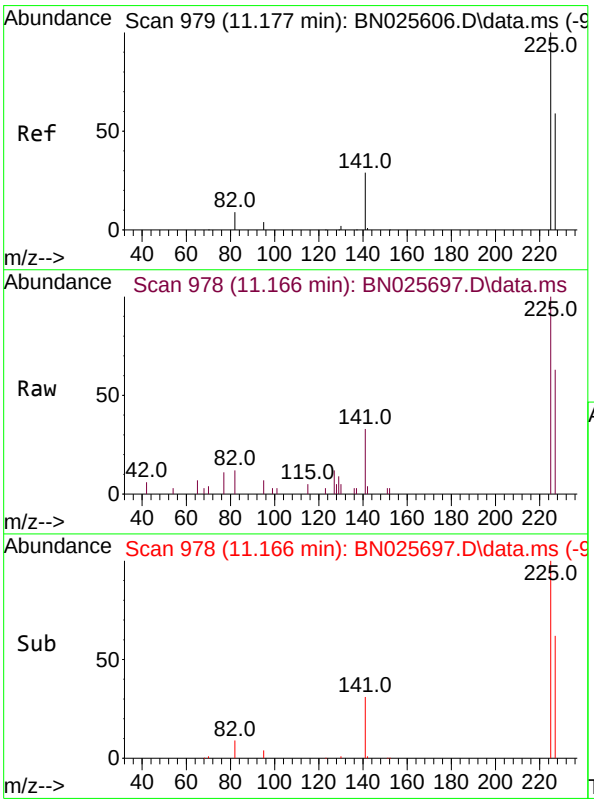
#9
Naphthalene
Concen: 0.416 ng
RT: 10.878 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 18219

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.4	11.0	16.6

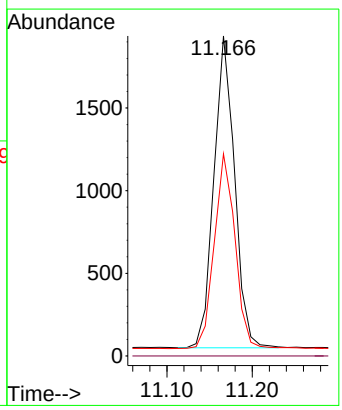


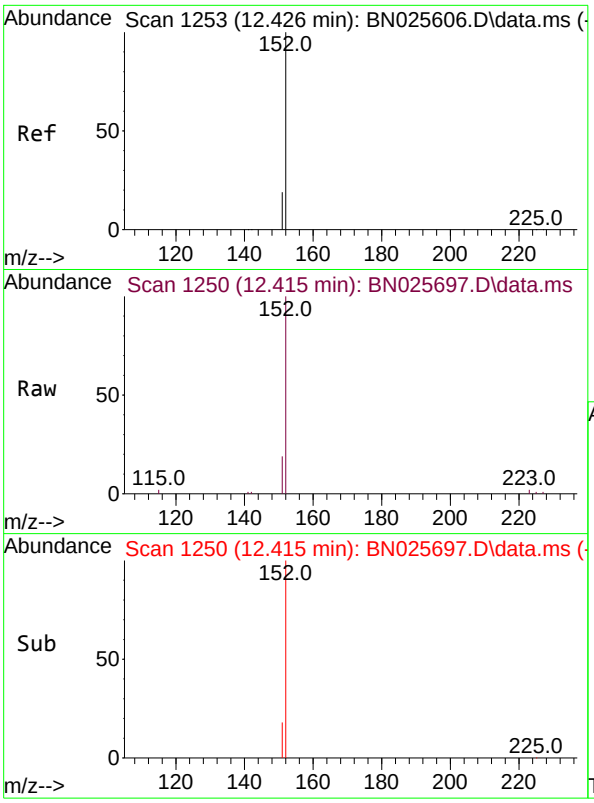


#10
Hexachlorobutadiene
Concen: 0.419 ng
RT: 11.166 min Scan# 978
Delta R.T. -0.011 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:225 Resp: 3178

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



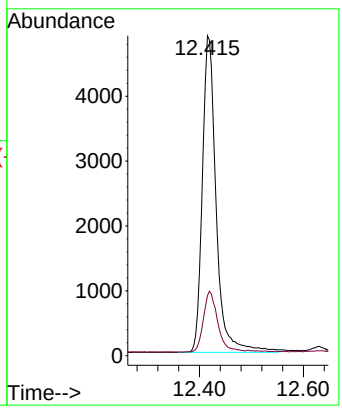


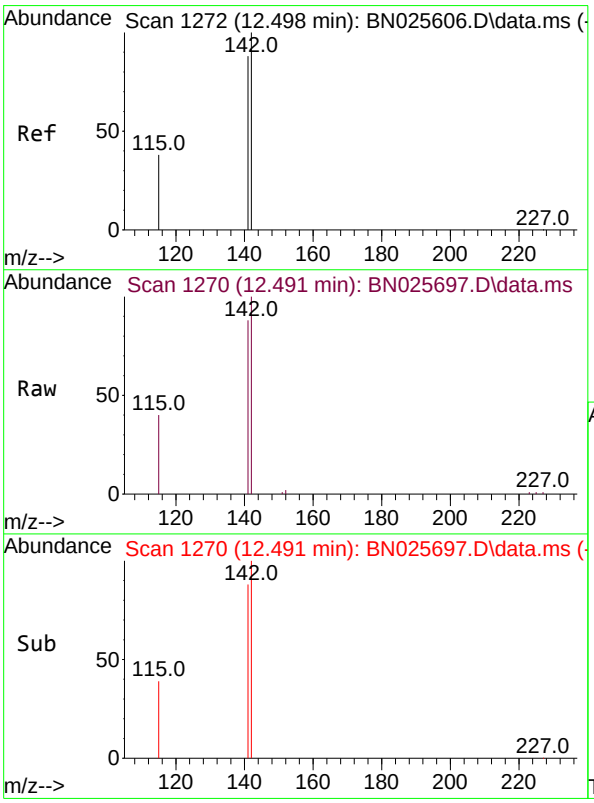
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.415 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9004

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.1	24.1

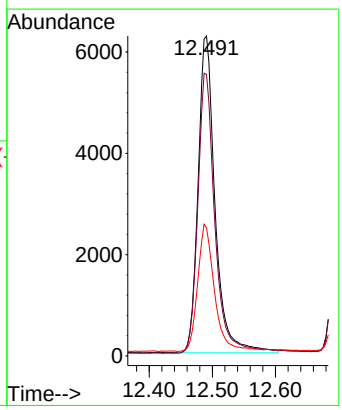


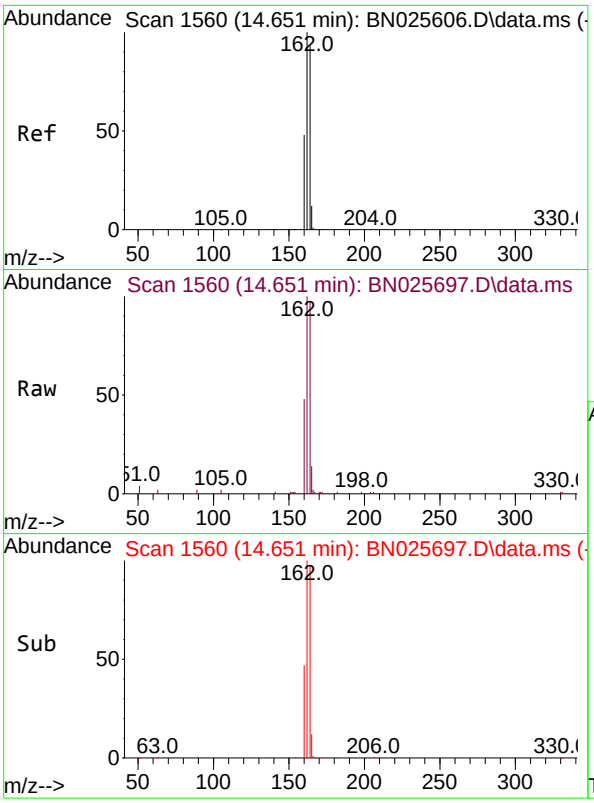


#12
2-Methylnaphthalene
Concen: 0.390 ng
RT: 12.491 min Scan# 1270
Delta R.T. -0.004 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:142 Resp: 11732

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.7	106.1
115	40.0	31.5	47.3



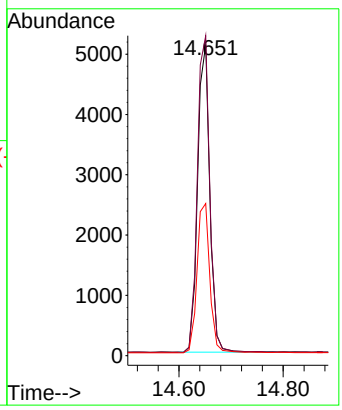


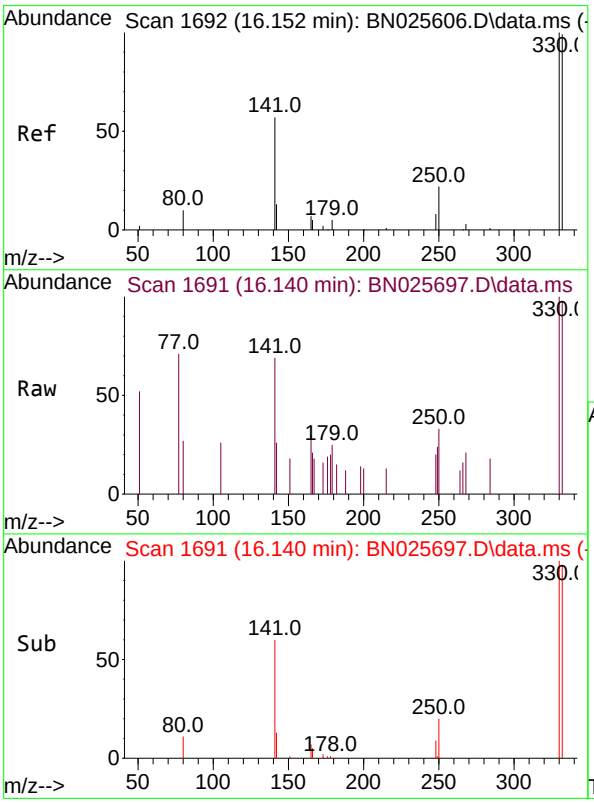
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 8307

Ion	Ratio	Lower	Upper
164	100		
162	102.9	86.4	129.6
160	48.9	41.9	62.9

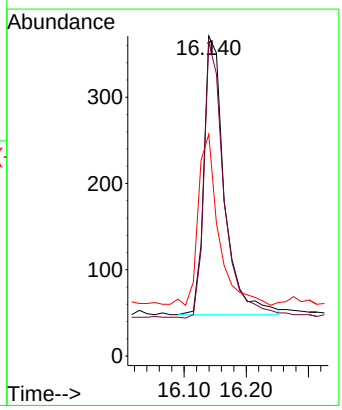


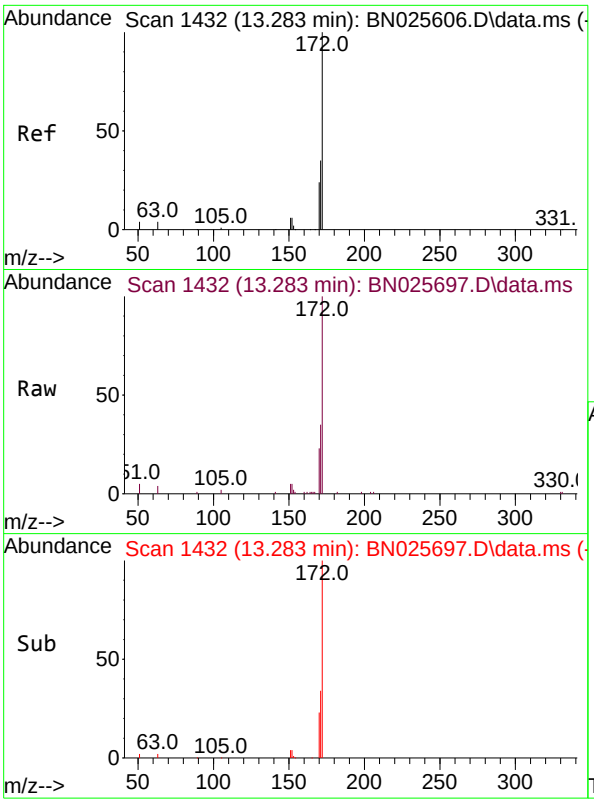


#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 16.140 min Scan# 1691
Delta R.T. -0.012 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:330 Resp: 742

Ion	Ratio	Lower	Upper
330	100		
332	97.0	80.0	120.0
141	60.8	45.8	68.6



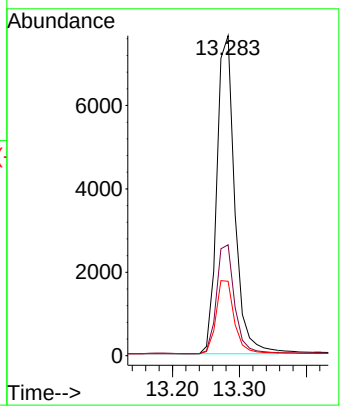


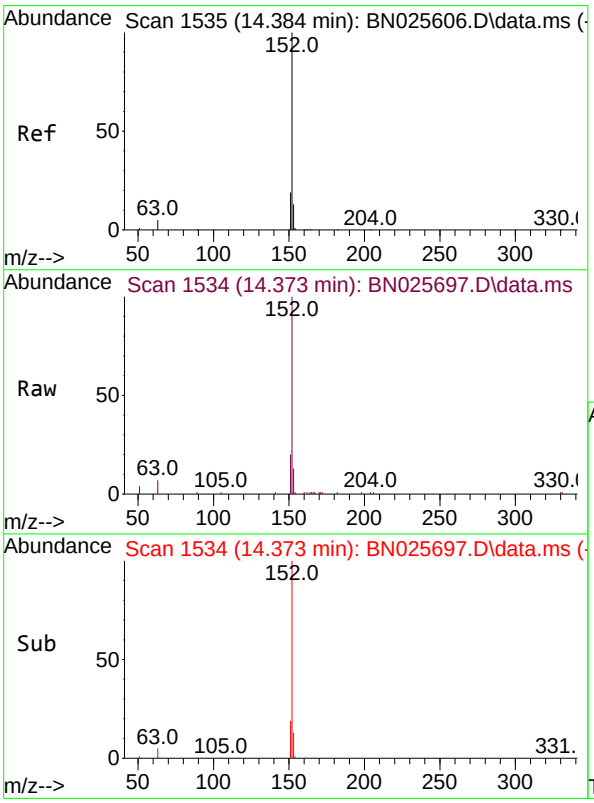
#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14169

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.6	42.8
170	23.2	19.7	29.5

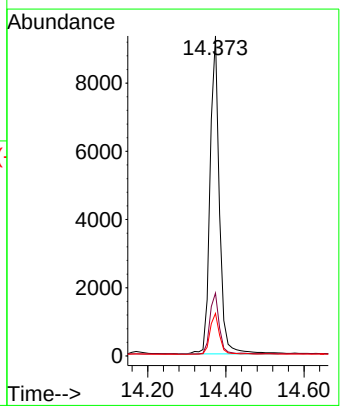


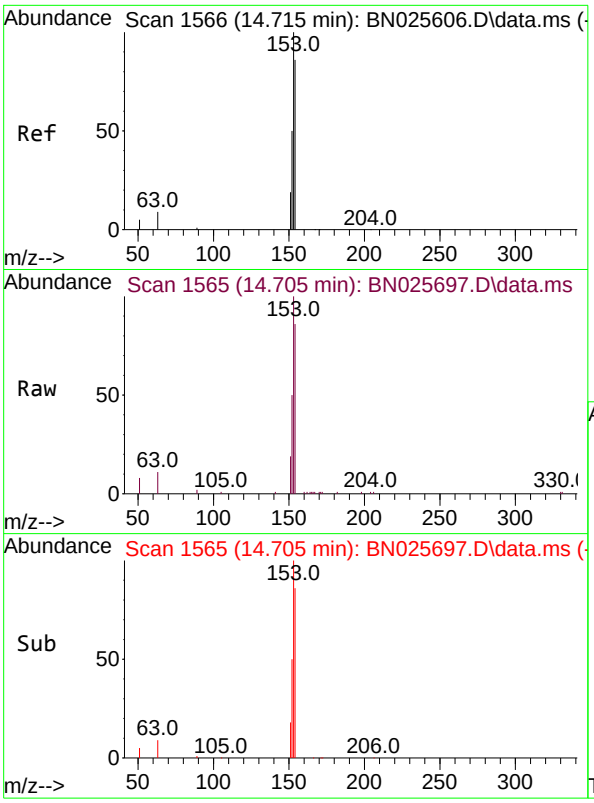


#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:152 Resp: 15558

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.8	23.6
153	13.1	10.6	15.8



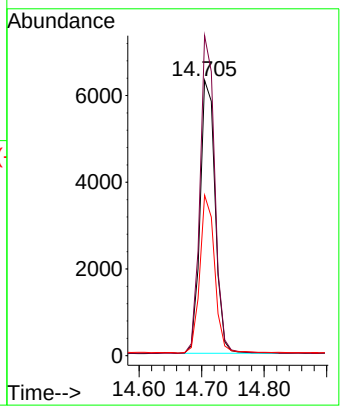


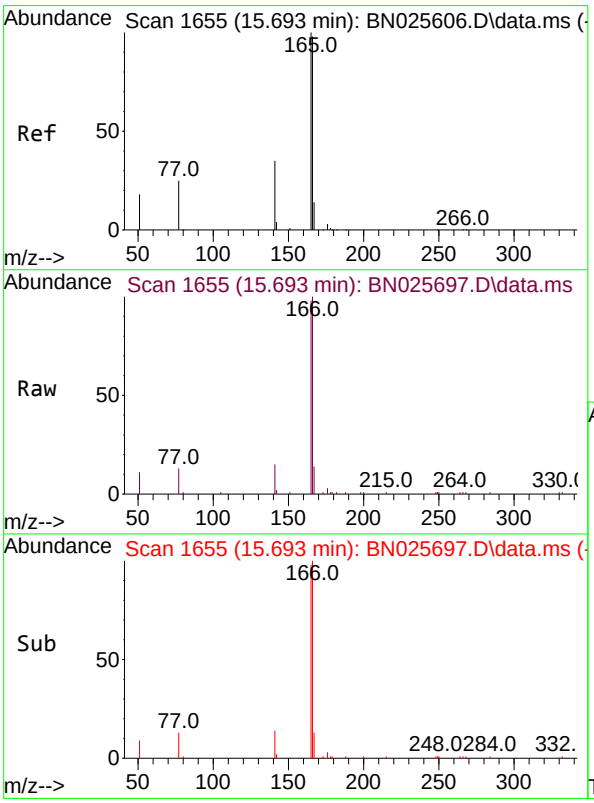
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.705 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10538

Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.9	137.9
152	57.4	45.4	68.2

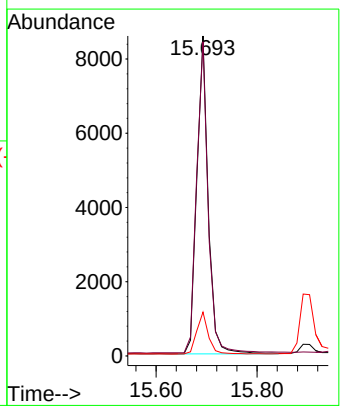


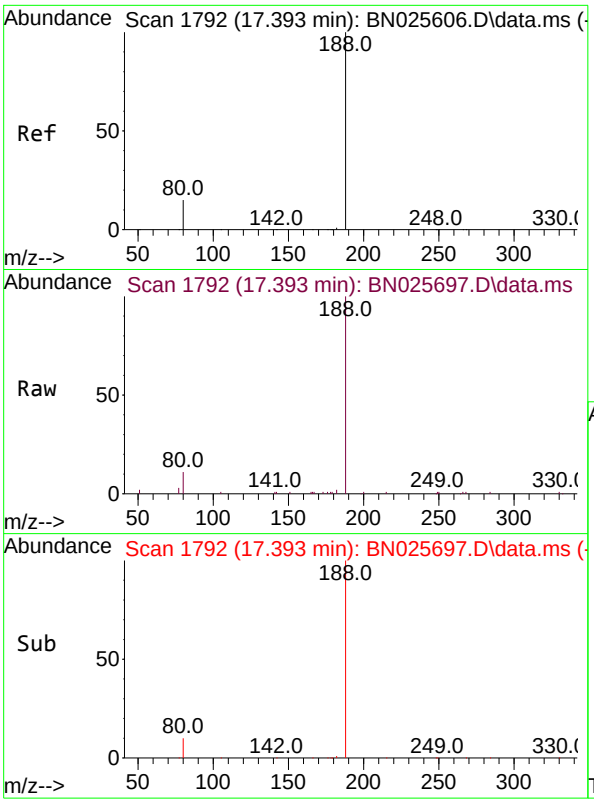


#18
Fluorene
Concen: 0.393 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:166 Resp: 13415

Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.3	118.9
167	13.4	10.7	16.1



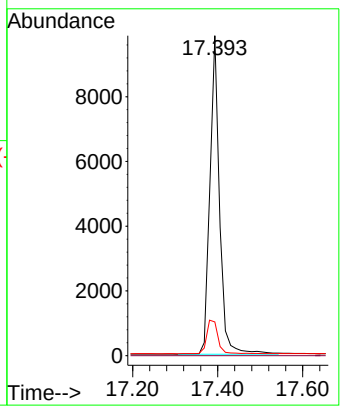


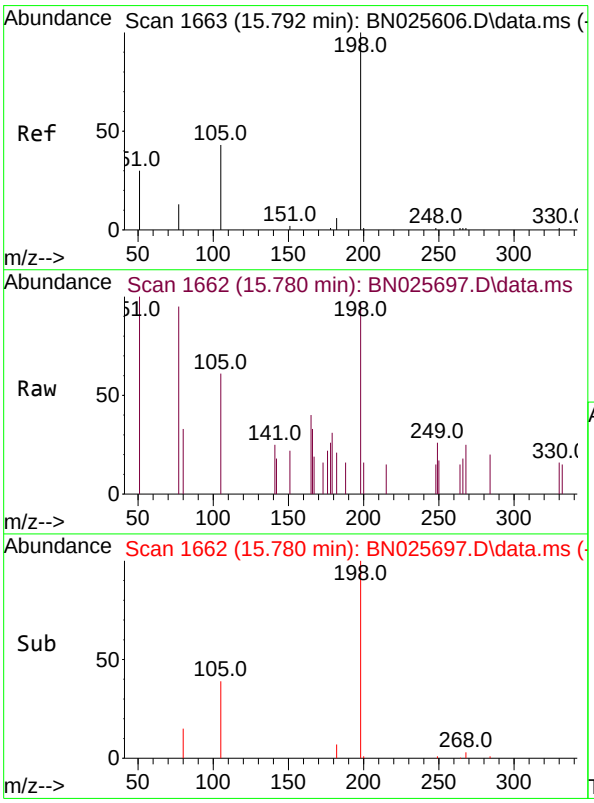
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 15467

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	12.2	18.2#

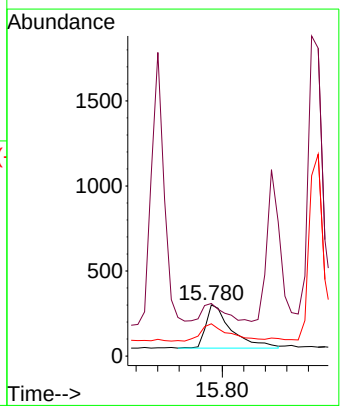


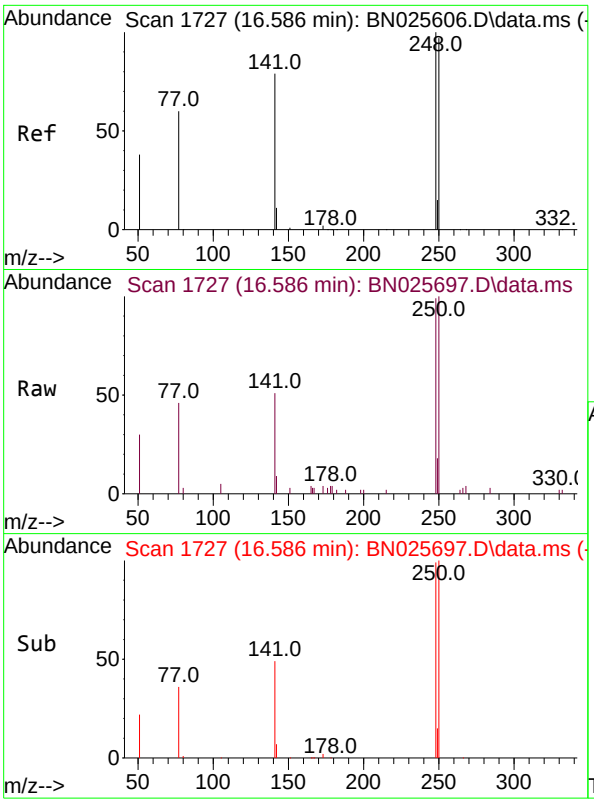


#20
4,6-Dinitro-2-methylphenol
Concen: 0.500 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.012 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:198 Resp: 832

Ion	Ratio	Lower	Upper
198	100		
51	102.7	110.8	166.2#
105	63.1	61.9	92.9



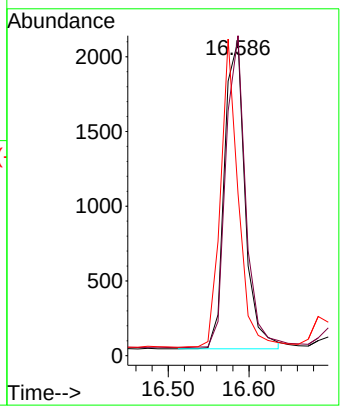


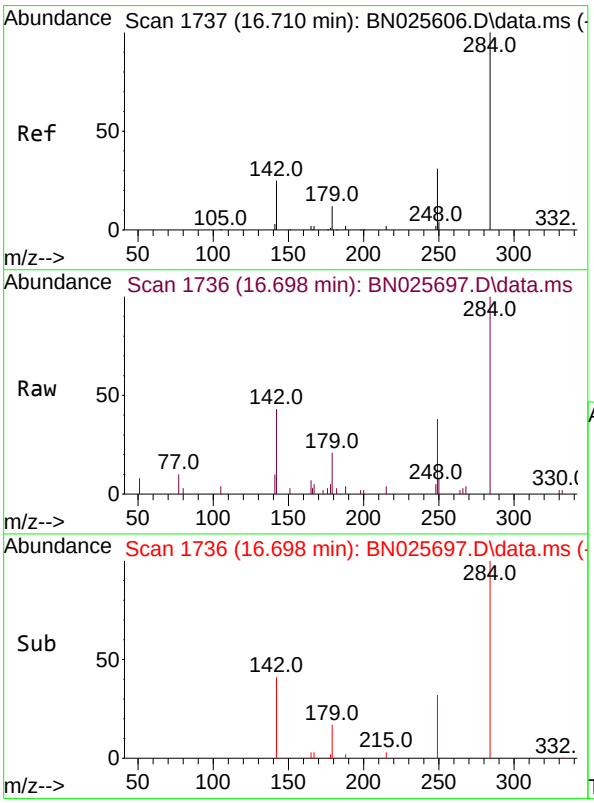
#21
4-Bromophenyl-phenylether
Concen: 0.417 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:248 Resp: 3661

Ion	Ratio	Lower	Upper
248	100		
250	101.5	77.5	116.3
141	51.3	64.0	96.0#

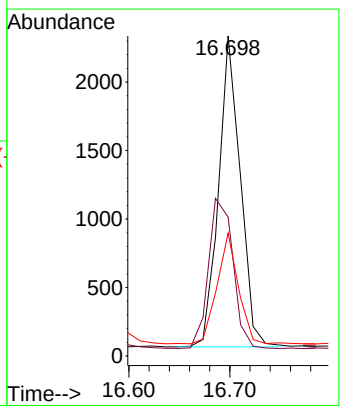


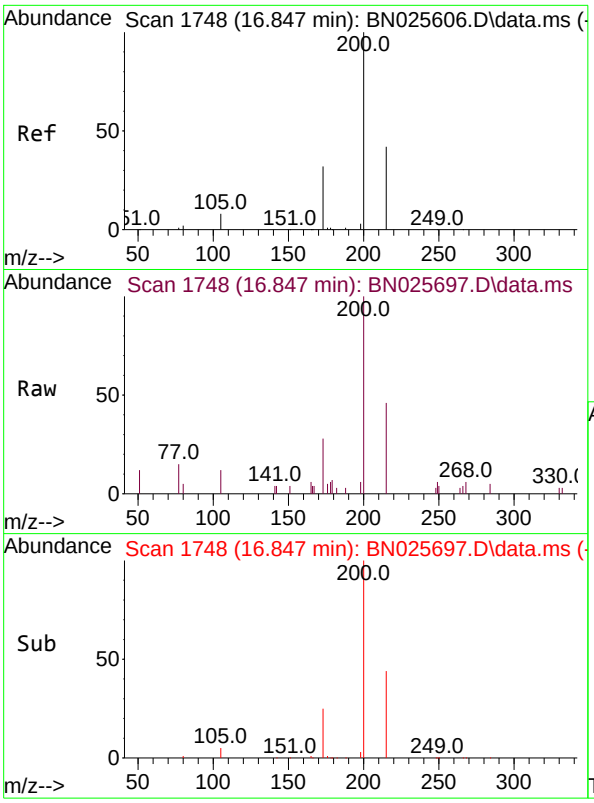


#22
Hexachlorobenzene
Concen: 0.423 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:284 Resp: 3391

Ion	Ratio	Lower	Upper
284	100		
142	54.4	42.0	63.0
249	34.7	28.6	43.0



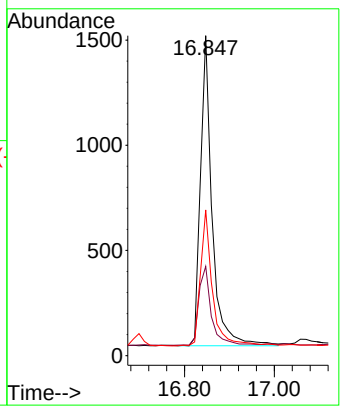


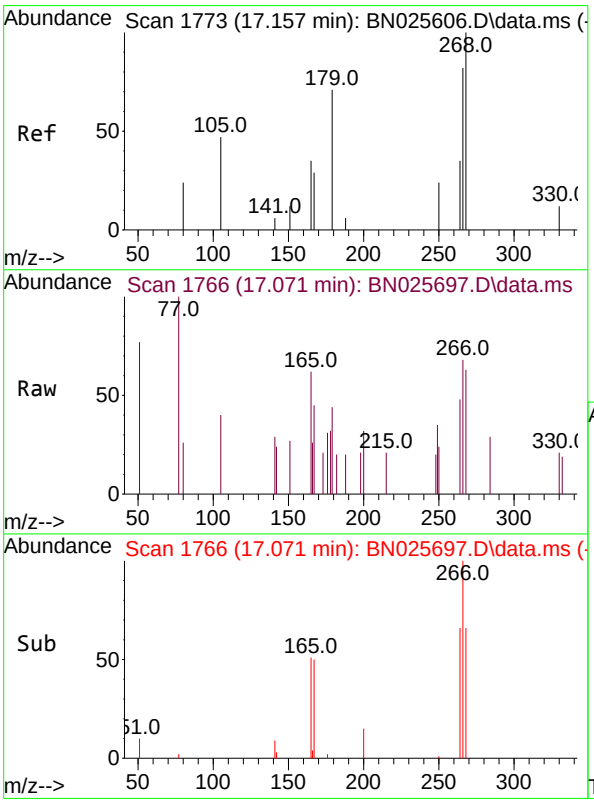
#23
Atrazine
Concen: 0.377 ng
RT: 16.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:200 Resp: 2644

Ion	Ratio	Lower	Upper
200	100		
173	27.9	27.9	41.9#
215	45.6	35.1	52.7

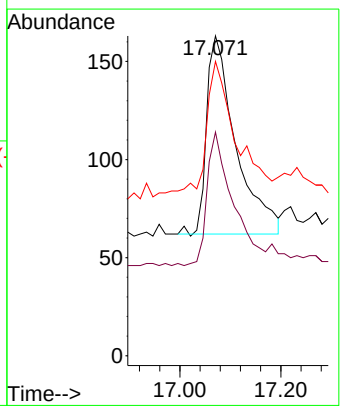


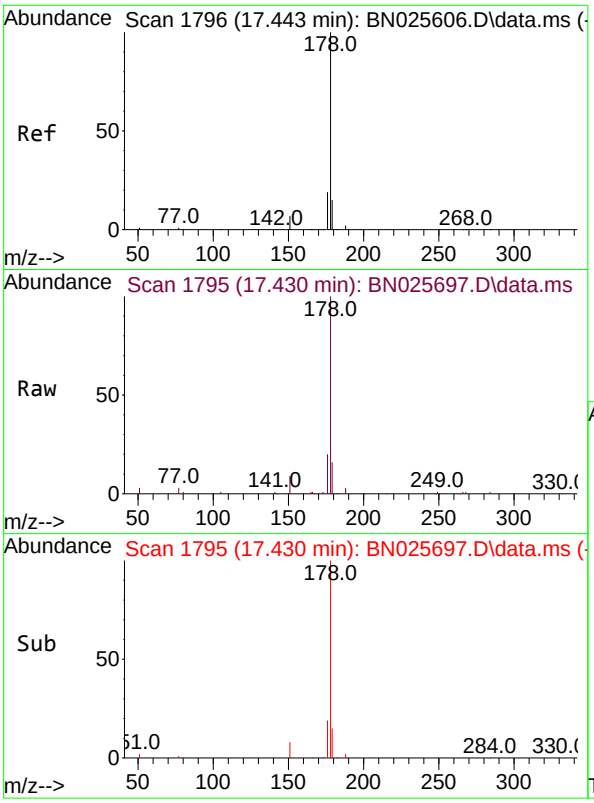


#24
Pentachlorophenol
Concen: 0.724 ng
RT: 17.071 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:266 Resp: 407

Ion	Ratio	Lower	Upper
266	100		
264	60.0	60.0	90.0#
268	60.9	0.0	0.0#



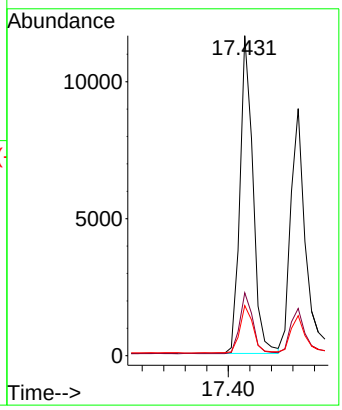


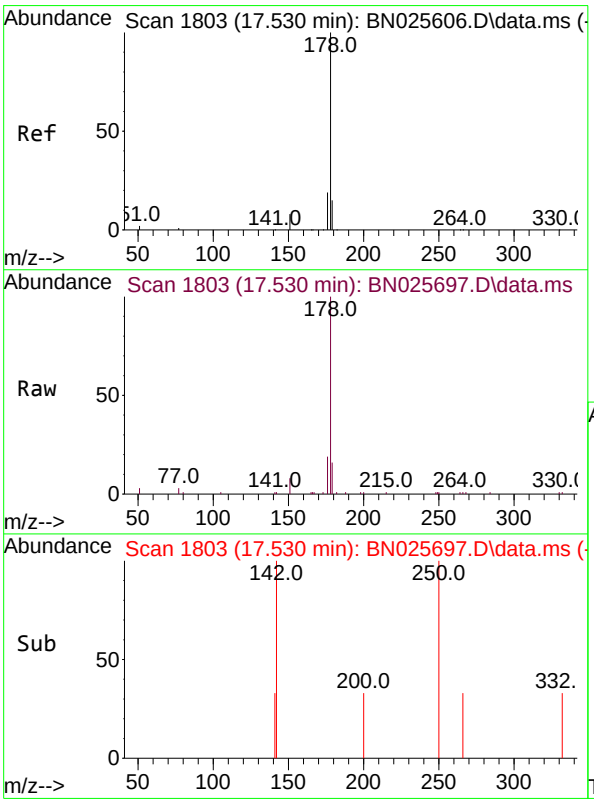
#25
Phenanthrene
Concen: 0.413 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 19426

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0

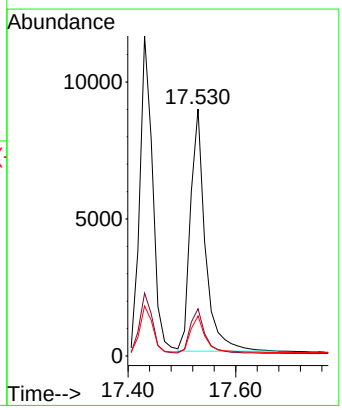


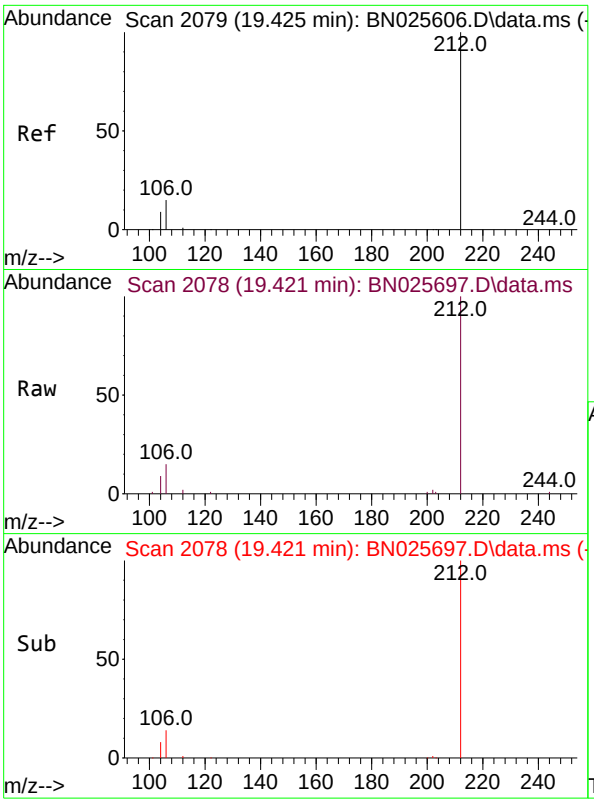


#26
Anthracene
Concen: 0.398 ng
RT: 17.530 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:178 Resp: 16937

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.8	22.2
179	15.1	12.2	18.2



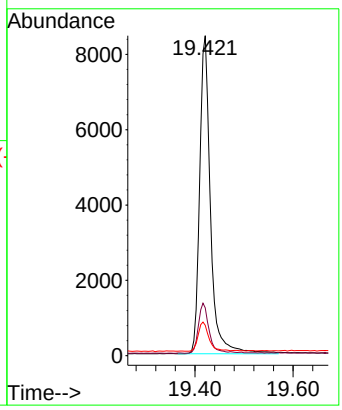


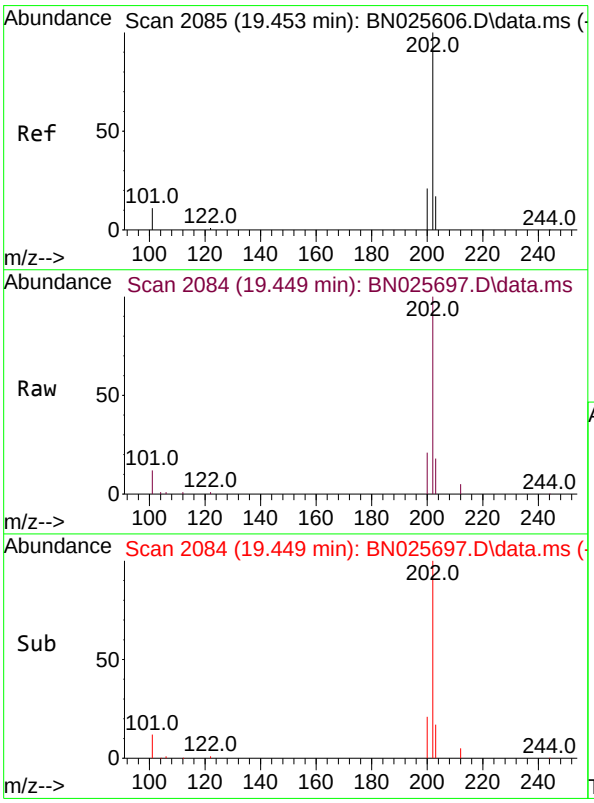
#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 12925

Ion	Ratio	Lower	Upper
212	100		
106	15.2	12.3	18.5
104	9.1	7.2	10.8

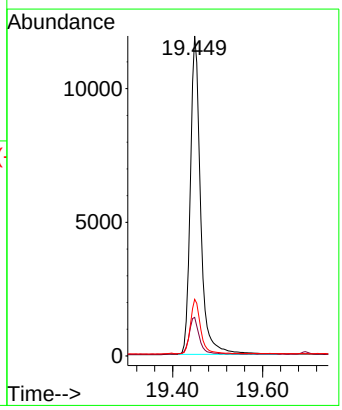


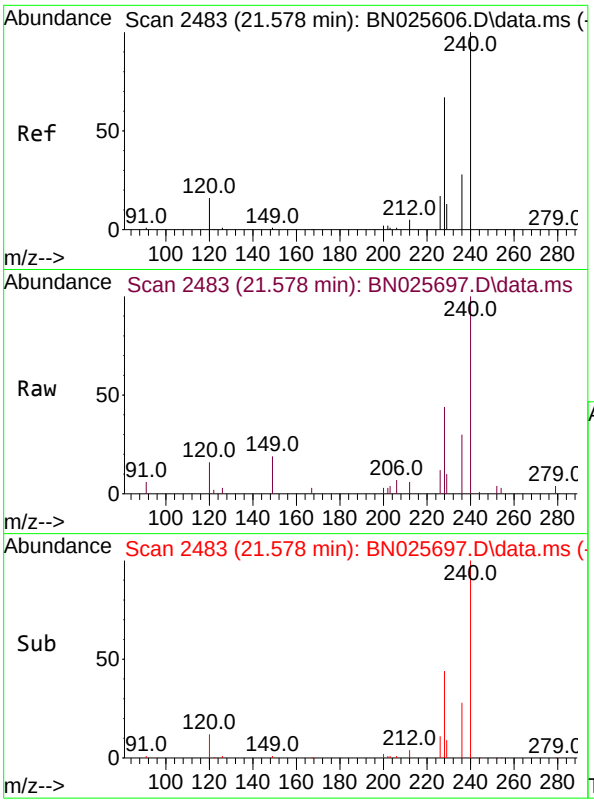


#28
Fluoranthene
Concen: 0.368 ng
RT: 19.449 min Scan# 2084
Delta R.T. -0.005 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:202 Resp: 18904

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
203	16.7	13.3	19.9



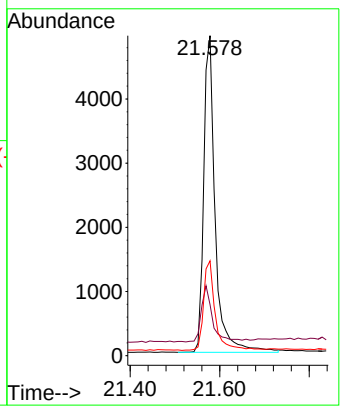


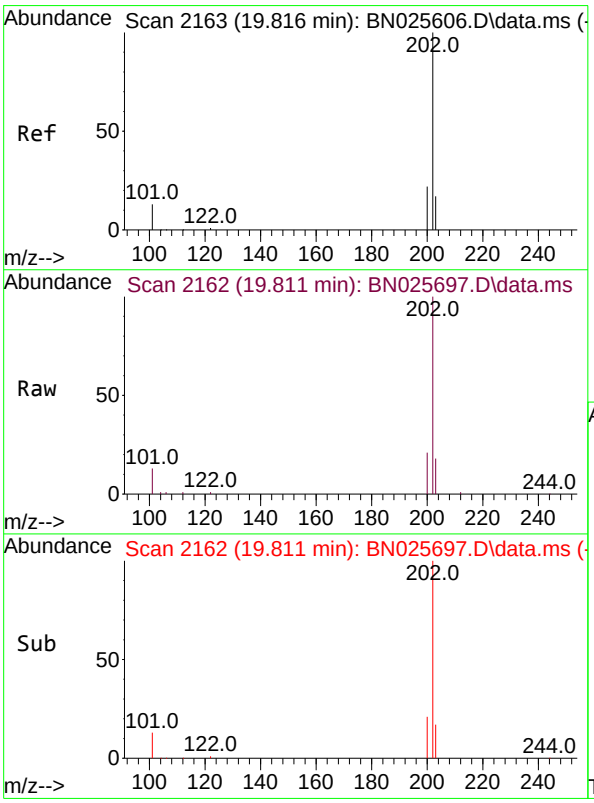
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 8805

Ion	Ratio	Lower	Upper
240	100		
120	15.9	15.4	23.0
236	29.6	23.2	34.8

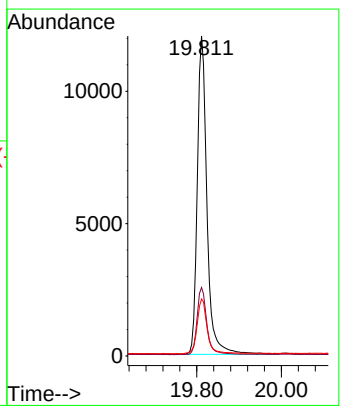


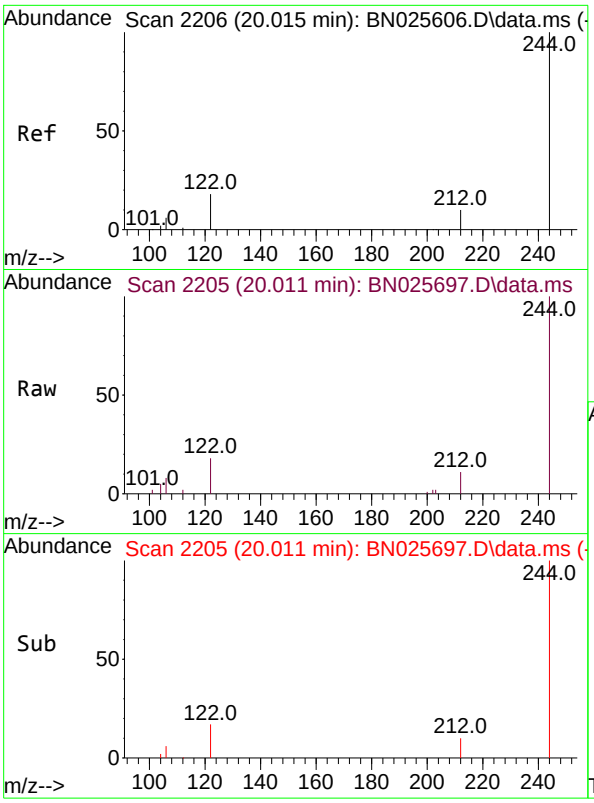


#30
Pyrene
Concen: 0.445 ng
RT: 19.811 min Scan# 2162
Delta R.T. -0.005 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:202 Resp: 19085

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.8	14.5	21.7



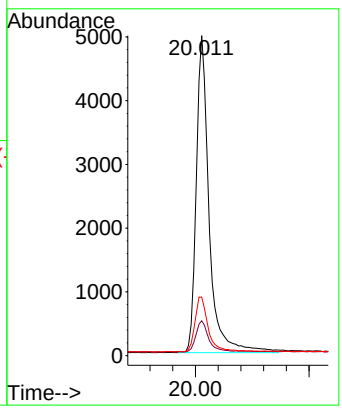


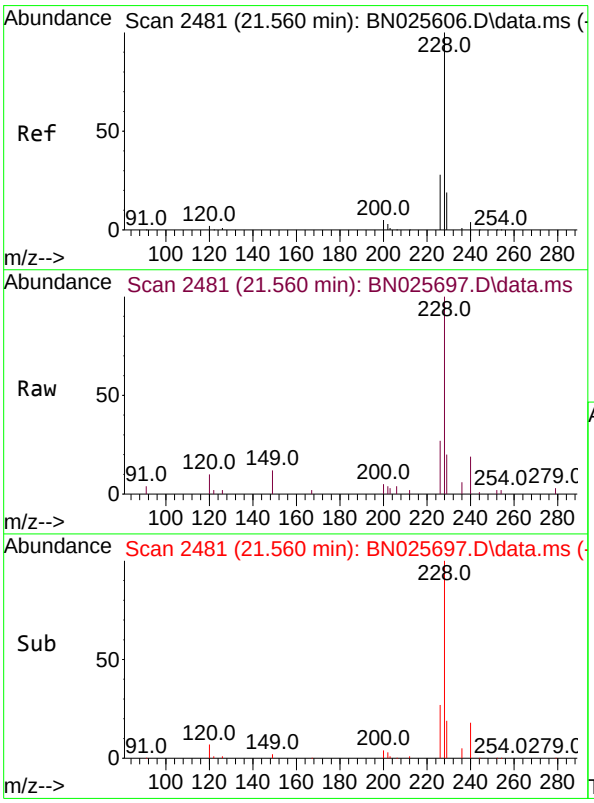
#31
Terphenyl-d14
Concen: 0.405 ng
RT: 20.011 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 7806

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.5	12.7
122	18.3	14.9	22.3

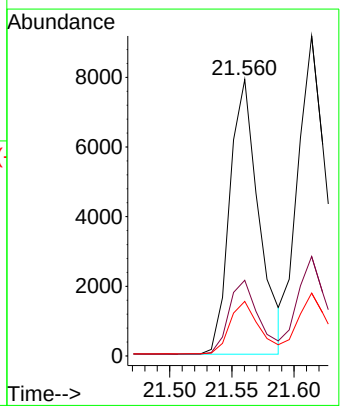


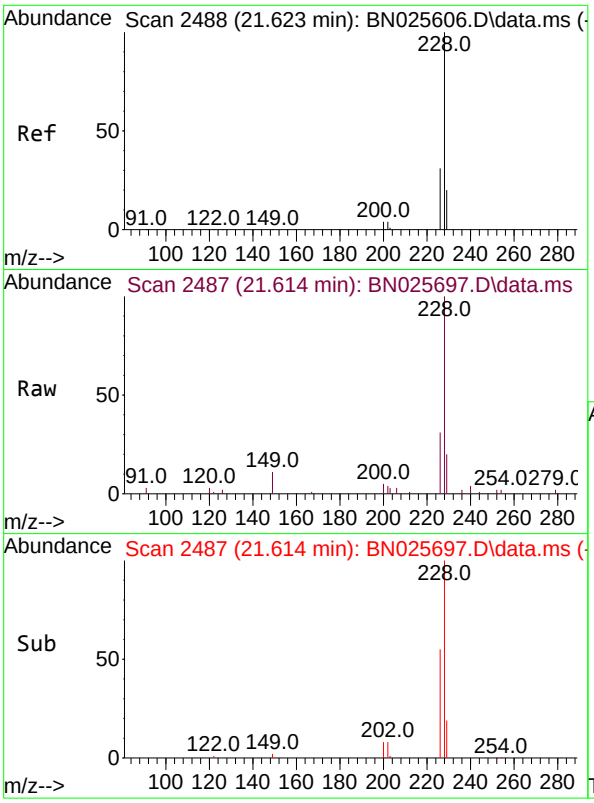


#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:228 Resp: 12869

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.9	34.3
229	19.7	15.9	23.9



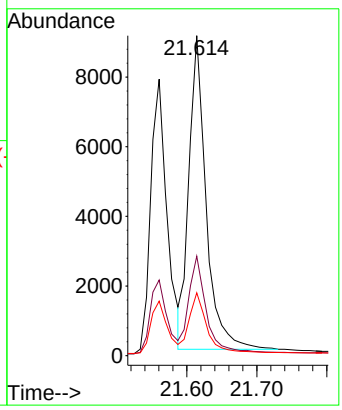


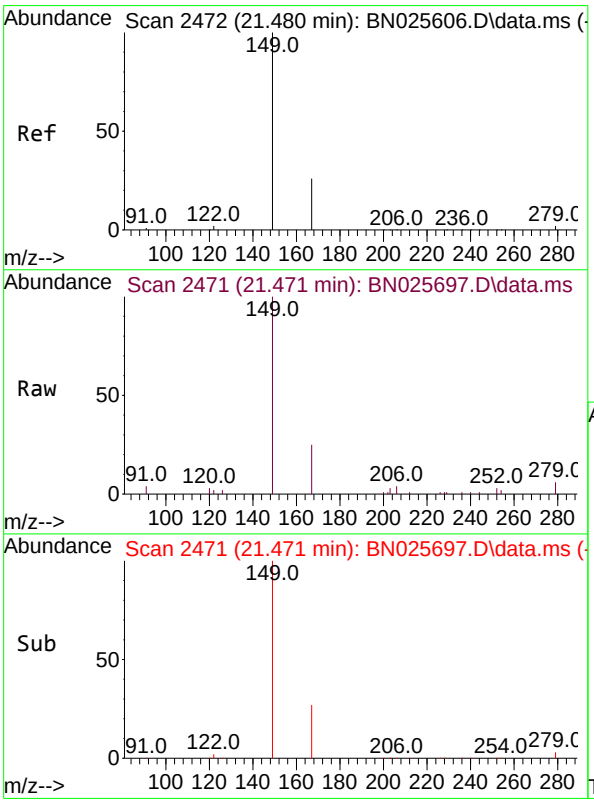
#33
Chrysene
Concen: 0.433 ng
RT: 21.614 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 15391

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	19.7	16.2	24.4

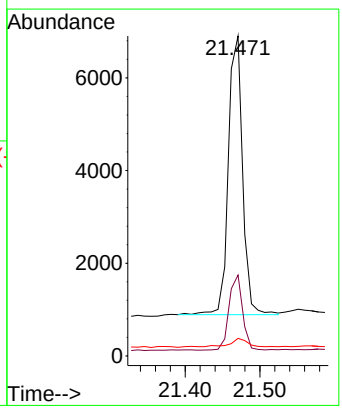


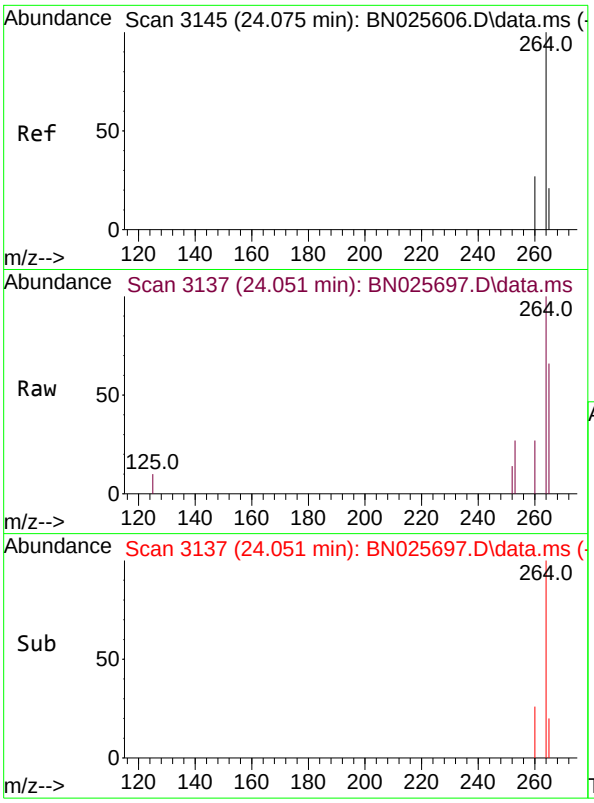


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.400 ng
RT: 21.471 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:149 Resp: 7987

Ion	Ratio	Lower	Upper
149	100		
167	25.5	20.4	30.6
279	4.9	3.3	4.9



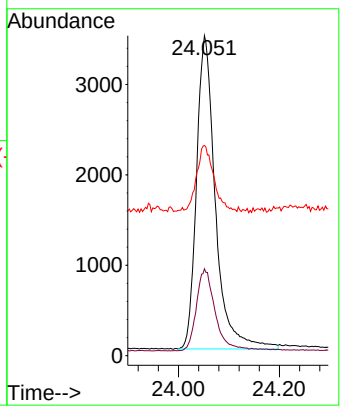


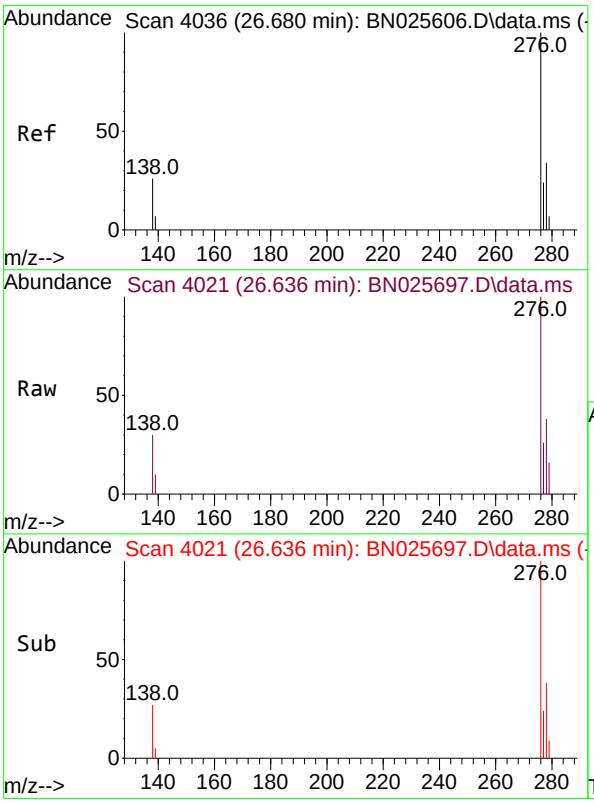
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 9000

Ion	Ratio	Lower	Upper
264	100		
260	27.1	22.3	33.5
265	65.7	54.3	81.5

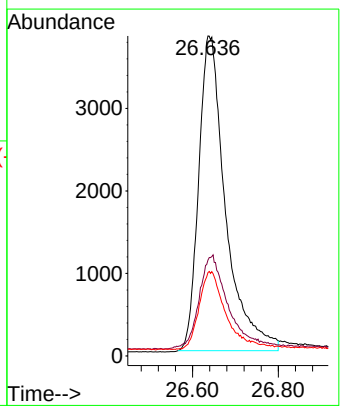


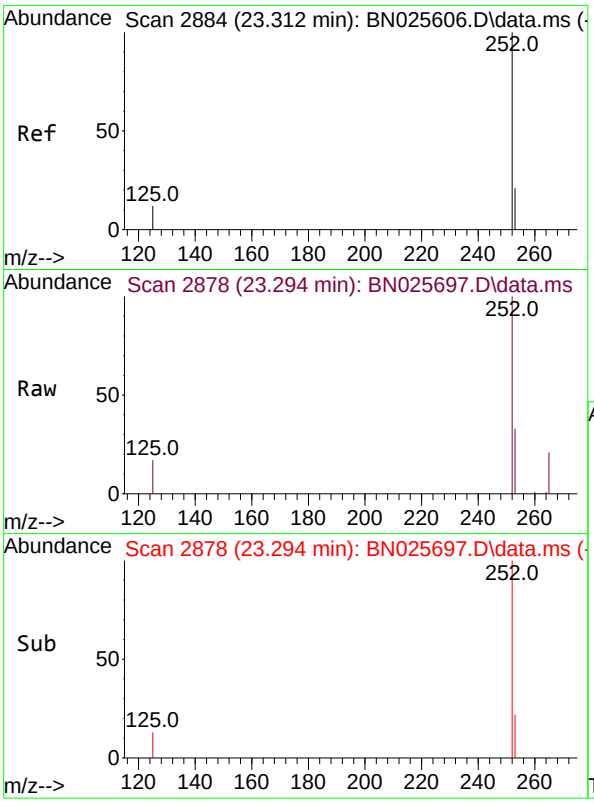


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.482 ng
RT: 26.636 min Scan# 4021
Delta R.T. -0.044 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:276 Resp: 16648

Ion	Ratio	Lower	Upper
276	100		
138	29.9	10.5	15.7#
277	23.3	9.2	13.8#



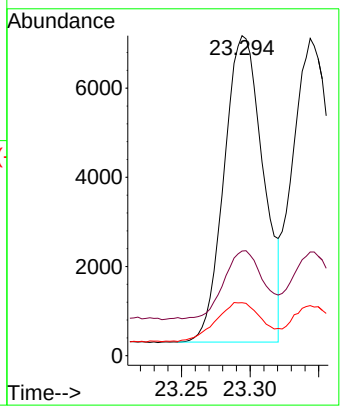


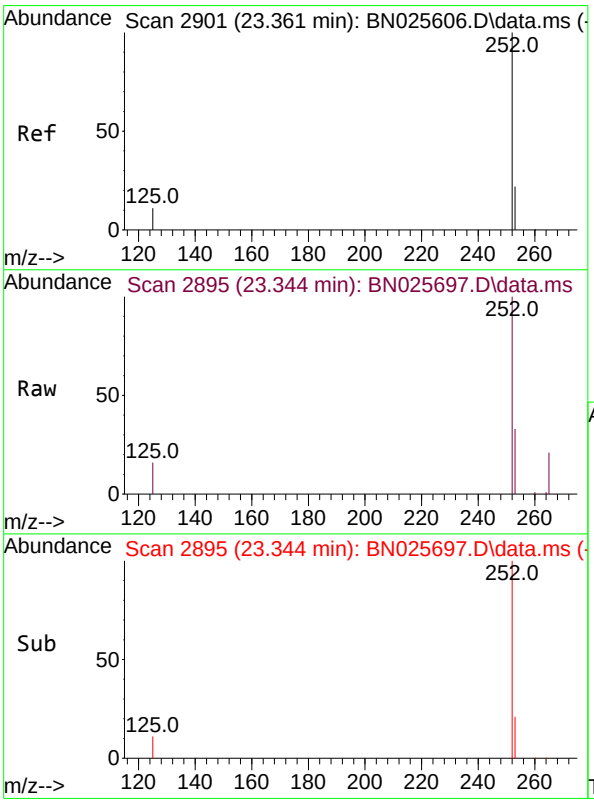
#37
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 23.294 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13645

Ion	Ratio	Lower	Upper
252	100		
253	32.7	26.2	39.4
125	16.6	12.9	19.3

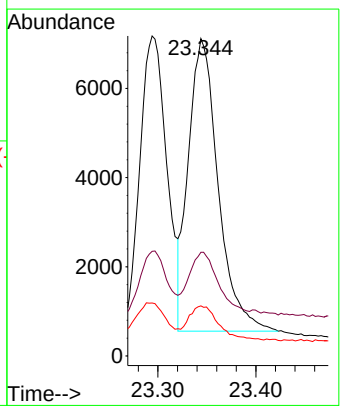


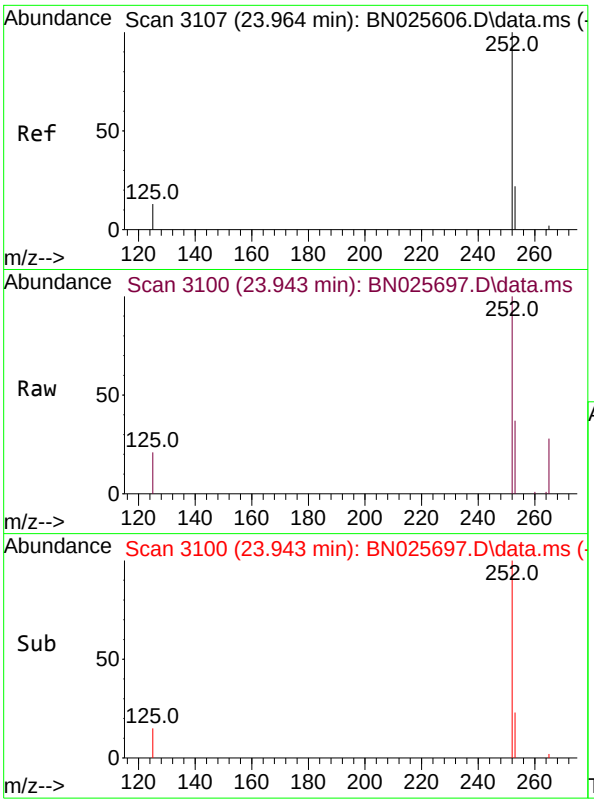


#38
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 23.344 min Scan# 2895
Delta R.T. -0.012 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:252 Resp: 13896

Ion	Ratio	Lower	Upper
252	100		
253	32.7	26.1	39.1
125	15.8	12.5	18.7



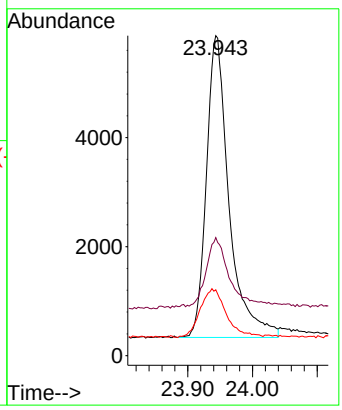


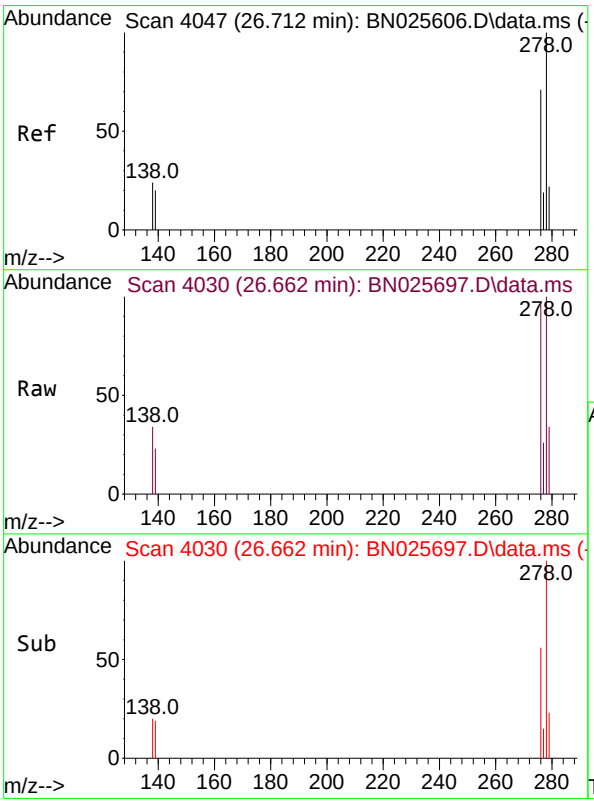
#39
Benzo(a)pyrene
Concen: 0.410 ng
RT: 23.943 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 13439

Ion	Ratio	Lower	Upper
252	100		
253	36.9	30.2	45.2
125	20.6	14.8	22.2

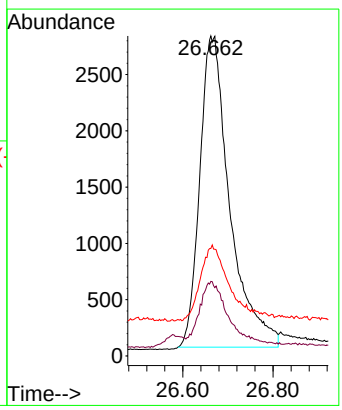


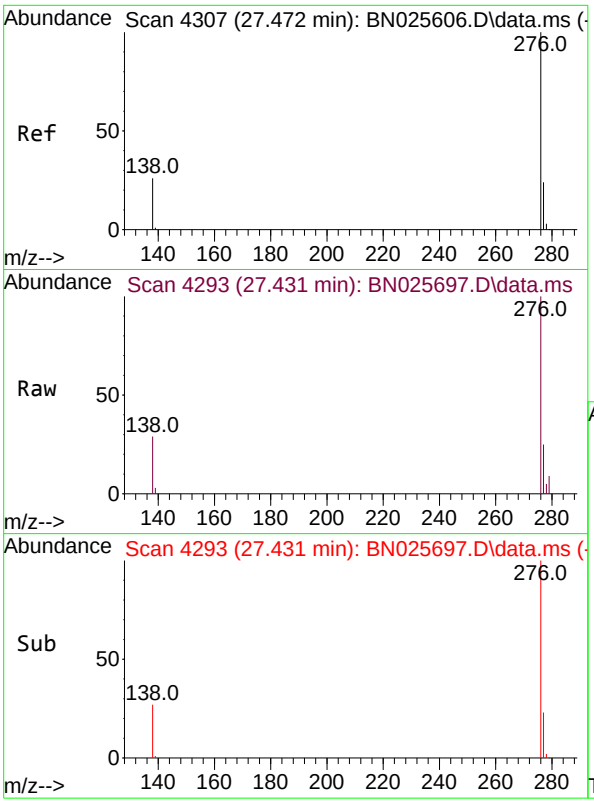


#40
Dibenzo(a,h)anthracene
Concen: 0.468 ng
RT: 26.662 min Scan# 4030
Delta R.T. -0.041 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Tgt Ion:278 Resp: 12784

Ion	Ratio	Lower	Upper
278	100		
139	23.3	18.6	28.0
279	33.6	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.483 ng
RT: 27.431 min Scan# 4
Delta R.T. -0.038 min
Lab File: BN025697.D
Acq: 29 May 2023 01:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 15066

Ion	Ratio	Lower	Upper
276	100		
277	24.5	21.4	32.0
138	28.6	22.8	34.2