Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025661.D
Acq On : 28 May 2023 01:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 29 01:12:37 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	8.019	152	5654	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16272	0.400	ng	#	0.00
13) Acenaphthene-d10	14.651	164	9538	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	20754	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	14292	0.400	ng	#	0.00
35) Perylene-d12	24.072	264	12833	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5831	0.403	ng		0.00
5) Phenol-d6	7.174	99	7069	0.407	ng		0.00
8) Nitrobenzene-d5	9.191	82	5279	0.388	ng		0.00
11) 2-Methylnaphthalene-d10	12.419	152	9542	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1003	0.520	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	15894	0.404	ng		0.00
27) Fluoranthene-d10	19.421	212	19335	0.411	ng		0.00
31) Terphenyl-d14	20.011	244	12416	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2690	0.411	ng		98
3) n-Nitrosodimethylamine	3.744	42	2393	0.339	ng	#	88
6) bis(2-Chloroethyl)ether	7.434	93	7333	0.410	ng		99
9) Naphthalene	10.889	128	18449	0.415	ng		99
10) Hexachlorobutadiene	11.177	225	3206	0.415	ng	#	97
12) 2-Methylnaphthalene	12.495	142	12732	0.416	ng		100
16) Acenaphthylene	14.373	152	17954	0.399	ng		99
17) Acenaphthene	14.715	154	12346	0.416	ng		100
18) Fluorene	15.693	166	16288	0.415	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	977	0.454	ng	#	66
21) 4-Bromophenyl-phenylether	16.586	248	4725	0.401	ng	#	87
22) Hexachlorobenzene	16.698	284	4394	0.408	ng		99
23) Atrazine	16.847	200	3678	0.391	ng		95
24) Pentachlorophenol	17.070	266	692	0.802	ng	#	89
25) Phenanthrene	17.430	178	25920	0.410	ng		99
26) Anthracene	17.530	178	22755	0.398	ng		99
28) Fluoranthene	19.453	202	28125	0.408	ng		99
30) Pyrene	19.816	202	28798	0.414	ng		99
32) Benzo(a)anthracene	21.560	228	21667	0.407	ng		99
33) Chrysene	21.614	228	24512	0.424	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	14234	0.439	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.680	276	20135	0.409	ng	#	60
37) Benzo(b)fluoranthene	23.306	252	21320	0.436	ng		94
38) Benzo(k)fluoranthene	23.355	252	21014	0.413	ng		95
39) Benzo(a)pyrene	23.955	252	19295	0.413	ng		93
40) Dibenzo(a,h)anthracene	26.697	278	16097	0.413	ng		96
41) Benzo(g,h,i)perylene	27.481	276	17987	0.404	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025661.D
Acq On : 28 May 2023 01:57
Operator : CG/JU
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Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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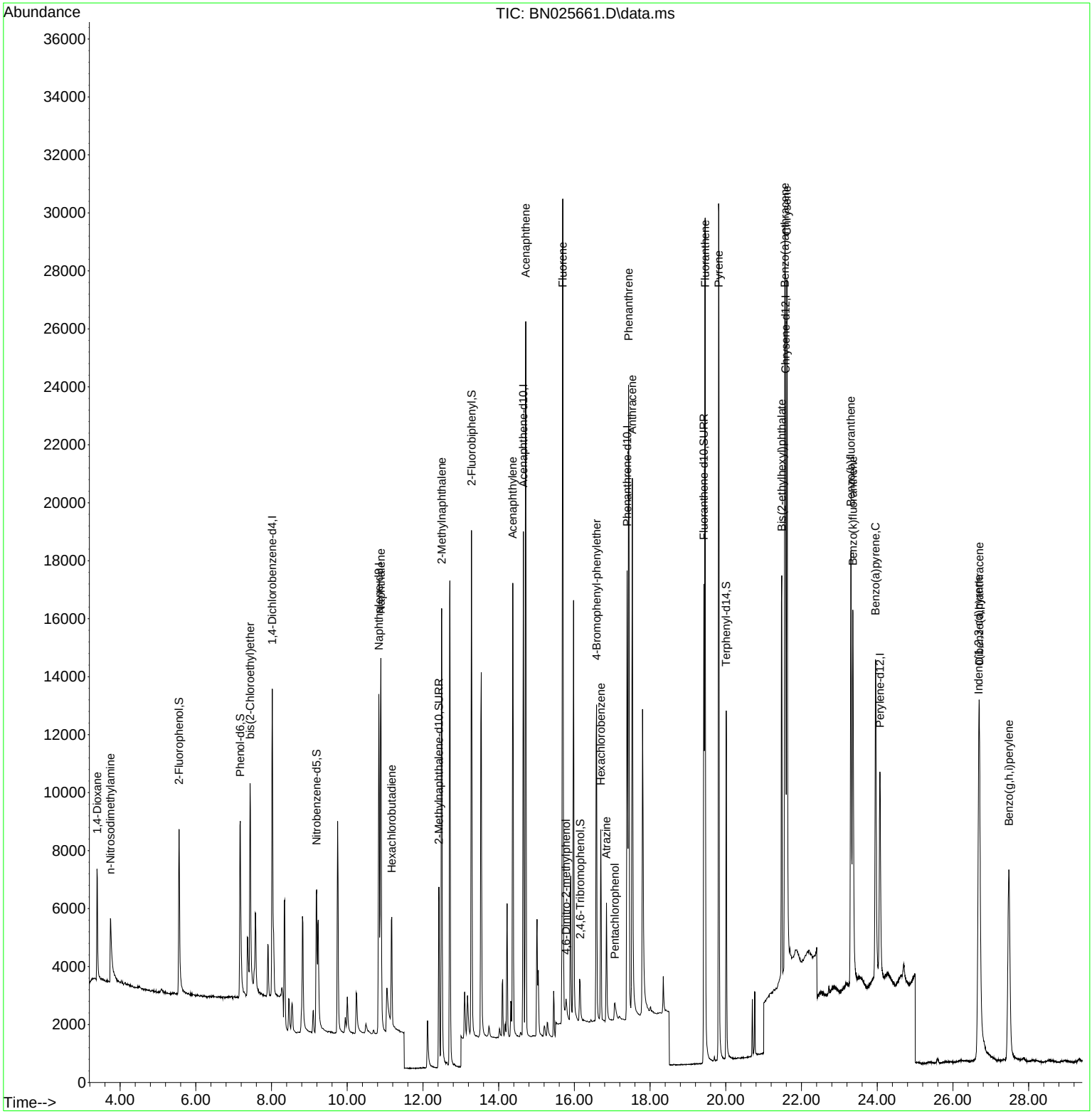
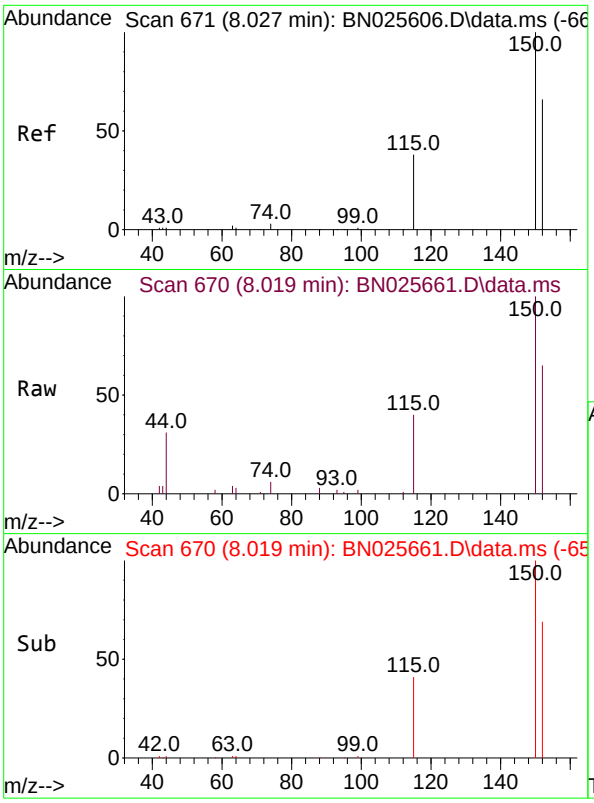
Quant Time: May 29 01:12:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration



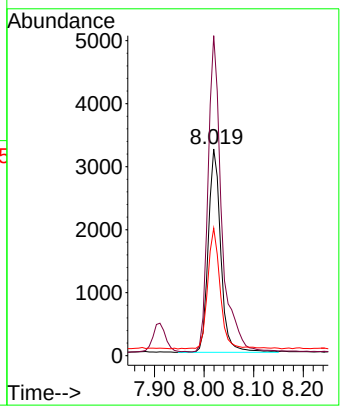


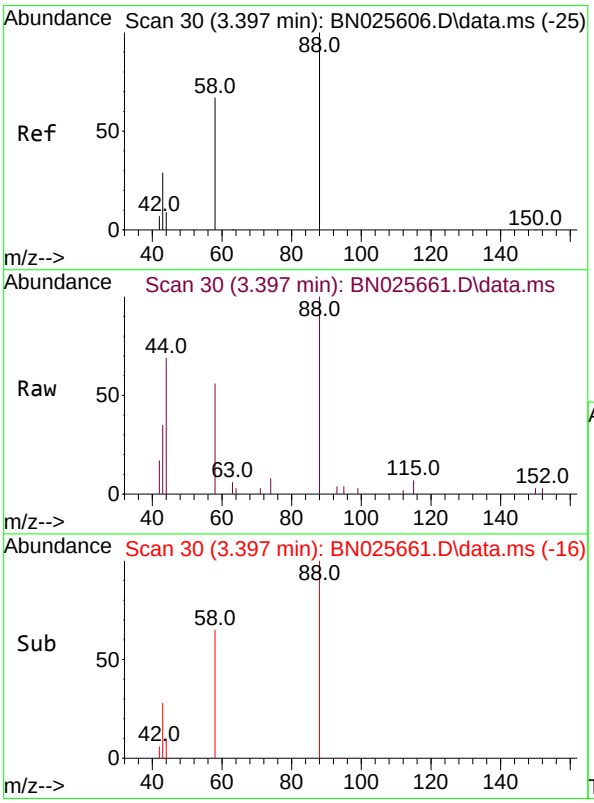
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5654

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.0	181.6
115	61.7	48.5	72.7

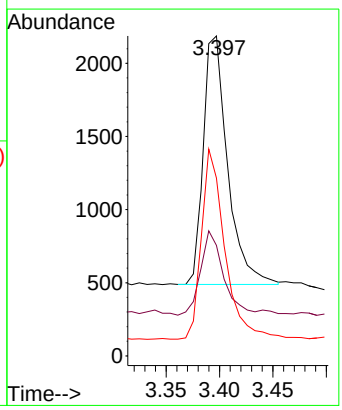


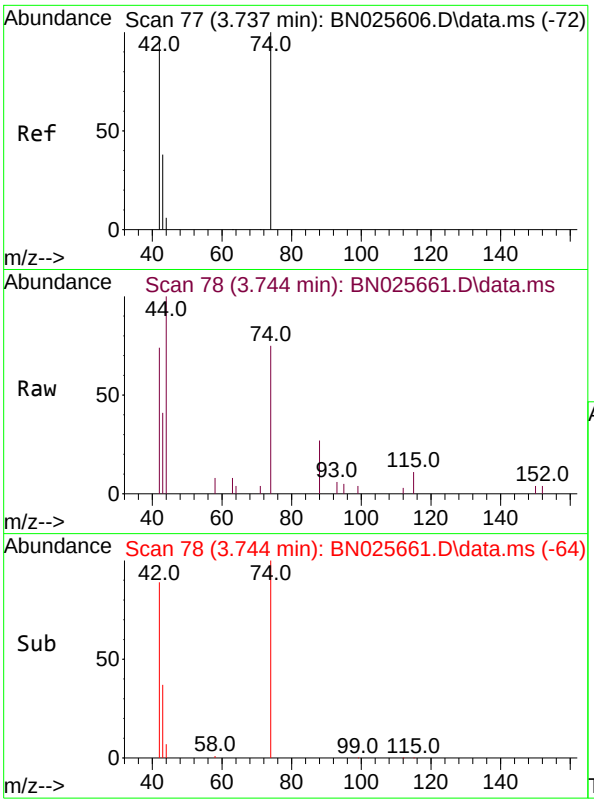


#2
1,4-Dioxane
Concen: 0.411 ng
RT: 3.397 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion: 88 Resp: 2690

Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.5	39.7
58	73.7	56.8	85.2



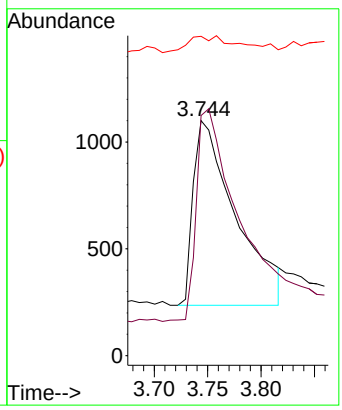


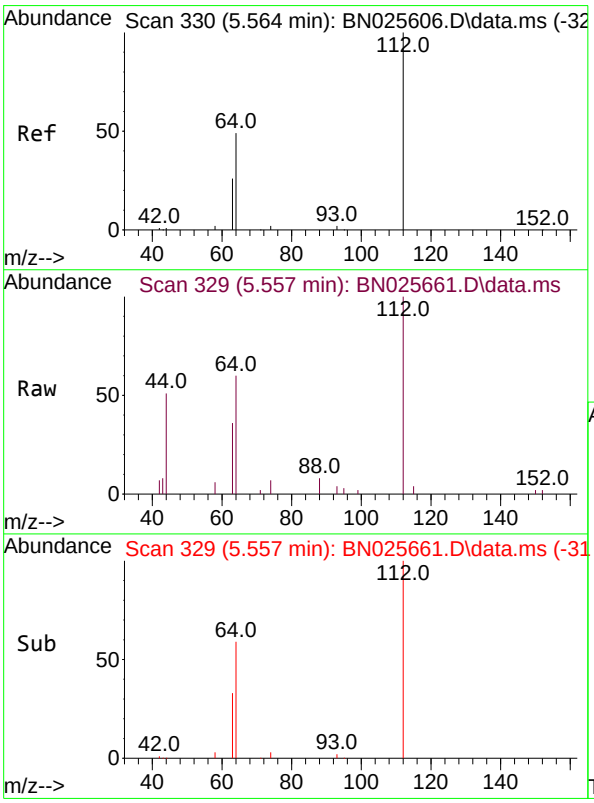
#3
n-Nitrosodimethylamine
Concen: 0.339 ng
RT: 3.744 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2393

Ion	Ratio	Lower	Upper
42	100		
74	115.1	82.2	123.2
44	11.2	0.0	0.0#

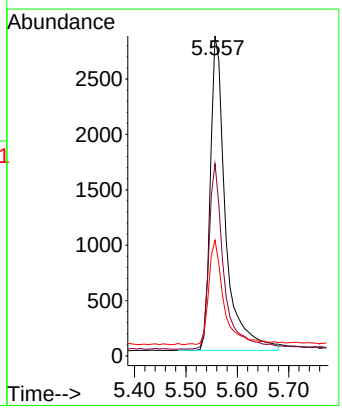


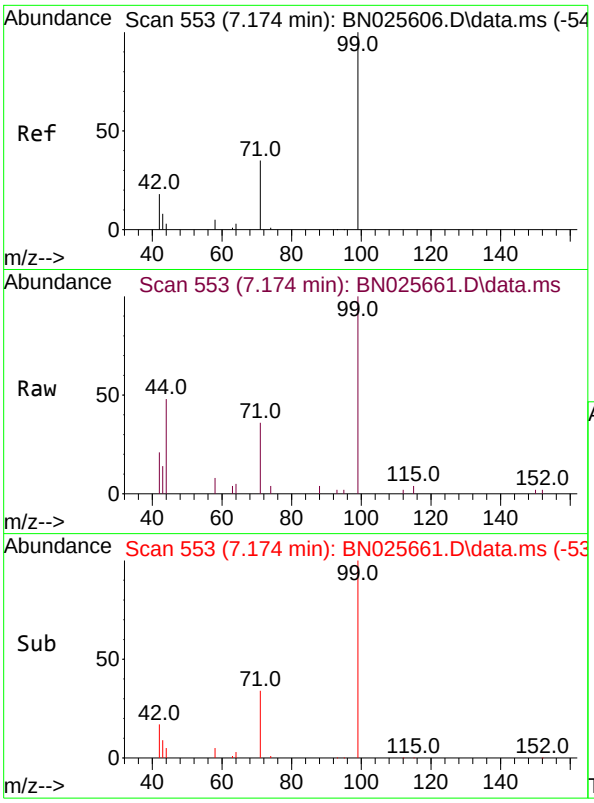


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.557 min Scan# 329
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:112 Resp: 5831

Ion	Ratio	Lower	Upper
112	100		
64	58.5	45.7	68.5
63	33.1	26.2	39.2



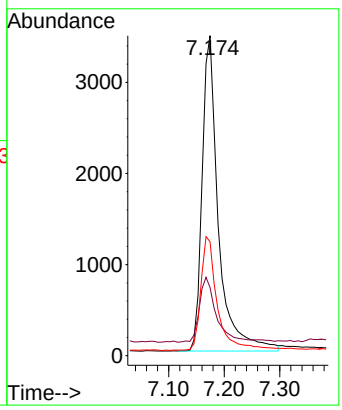


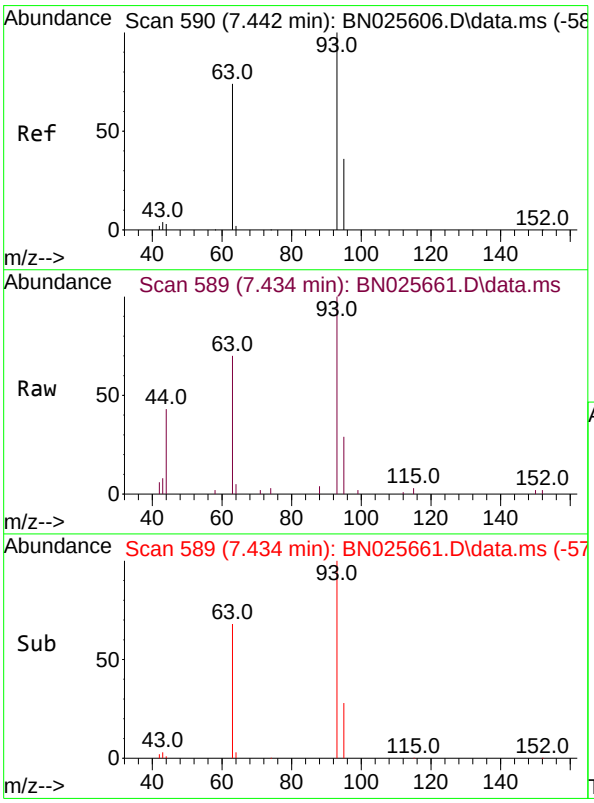
#5
Phenol-d6
Concen: 0.407 ng
RT: 7.174 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 7069

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.1	25.7
71	37.1	29.3	43.9

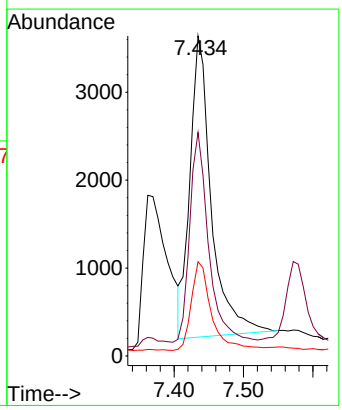


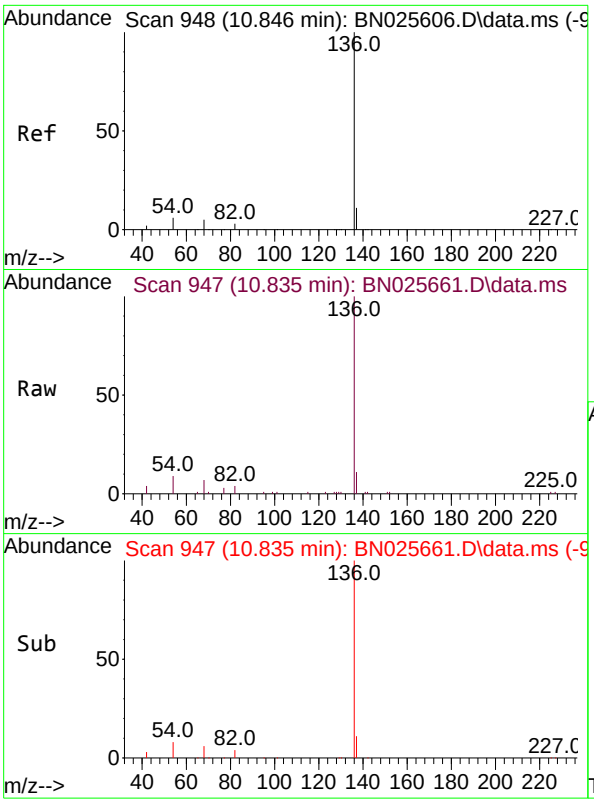


#6
bis(2-Chloroethyl)ether
Concen: 0.410 ng
RT: 7.434 min Scan# 589
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion: 93 Resp: 7333

Ion	Ratio	Lower	Upper
93	100		
63	62.5	49.1	73.7
95	27.9	22.6	33.8



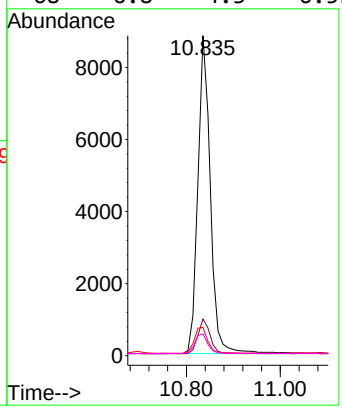


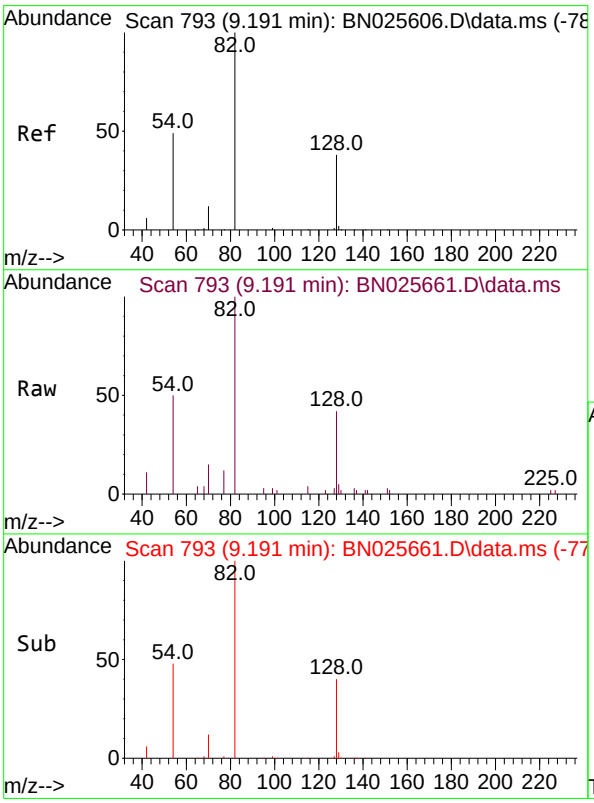
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 16272

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.8	5.4	8.0#
68	6.8	4.3	6.5#

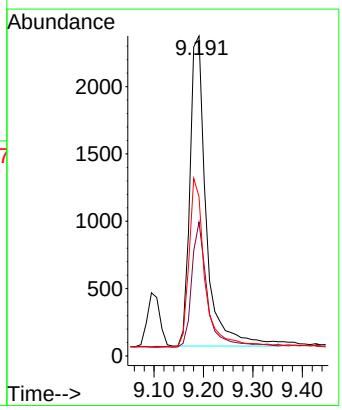


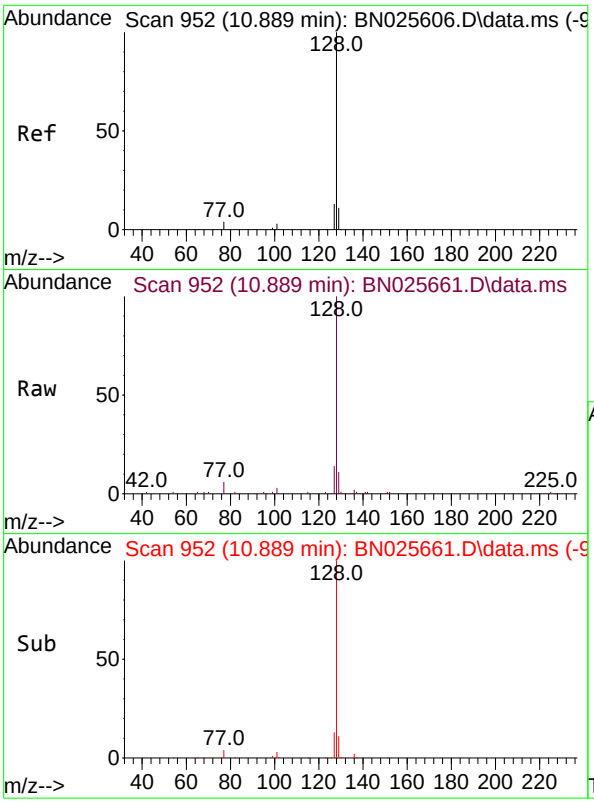


#8
Nitrobenzene-d5
Concen: 0.388 ng
RT: 9.191 min Scan# 793
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion: 82 Resp: 5279

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.5	48.7
54	49.8	40.6	60.8



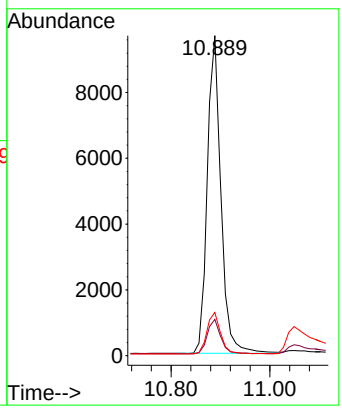


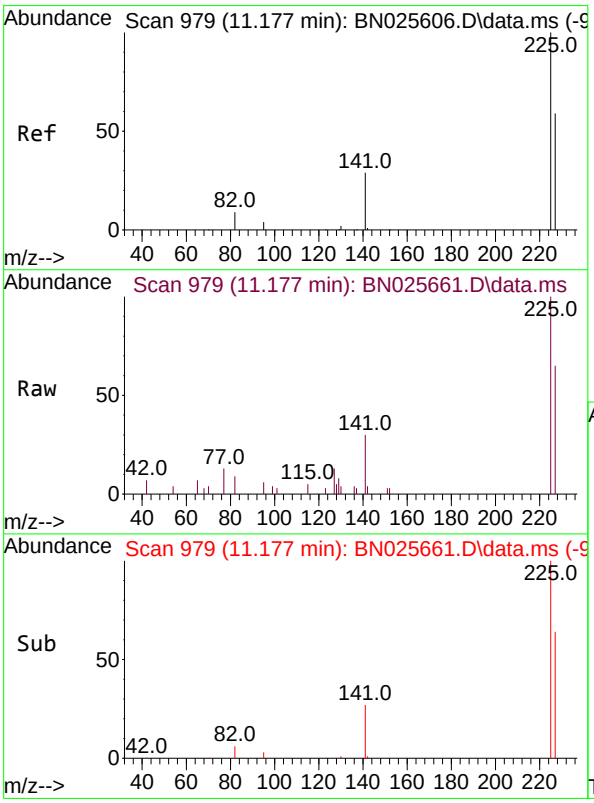
#9
Naphthalene
Concen: 0.415 ng
RT: 10.889 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 18449

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.5	11.0	16.6

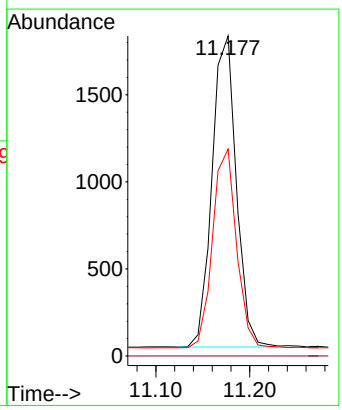


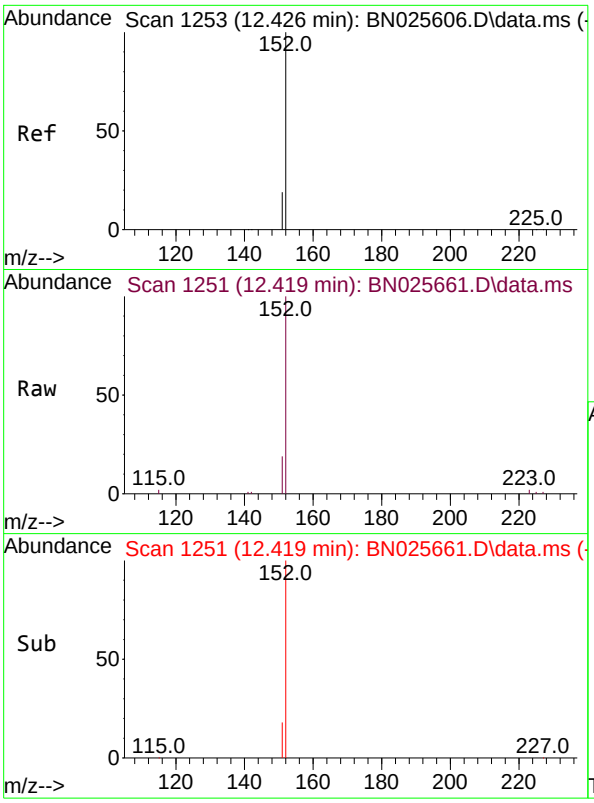


#10
Hexachlorobutadiene
Concen: 0.415 ng
RT: 11.177 min Scan# 979
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:225 Resp: 3206

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	48.4	72.6



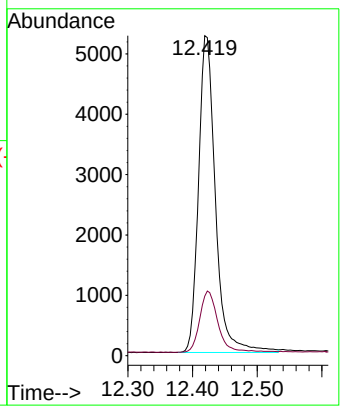


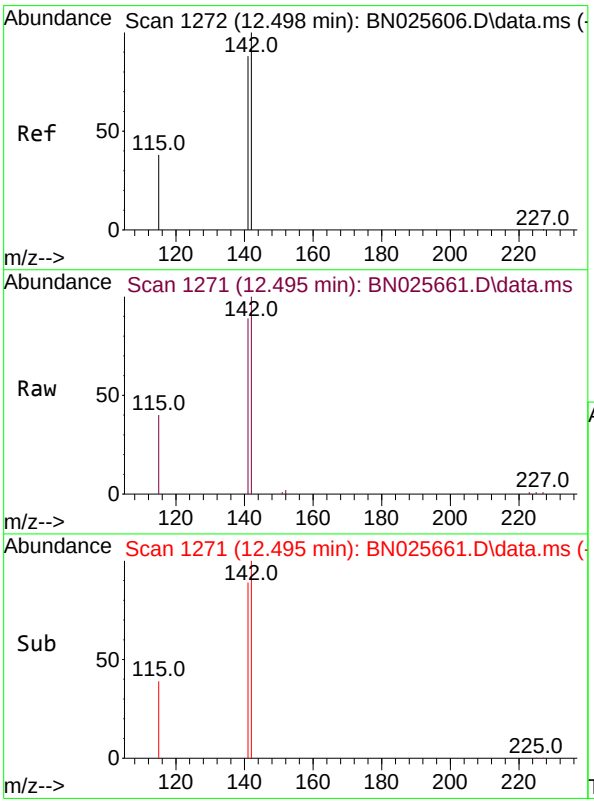
#11
2-Methylnaphthalene-d10
Concen: 0.411 ng
RT: 12.419 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9542

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1

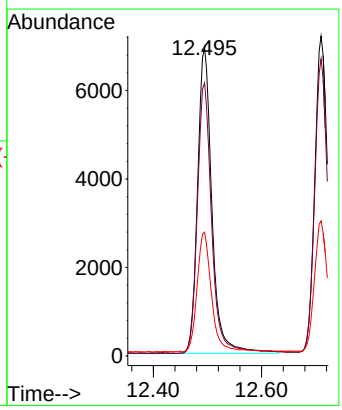


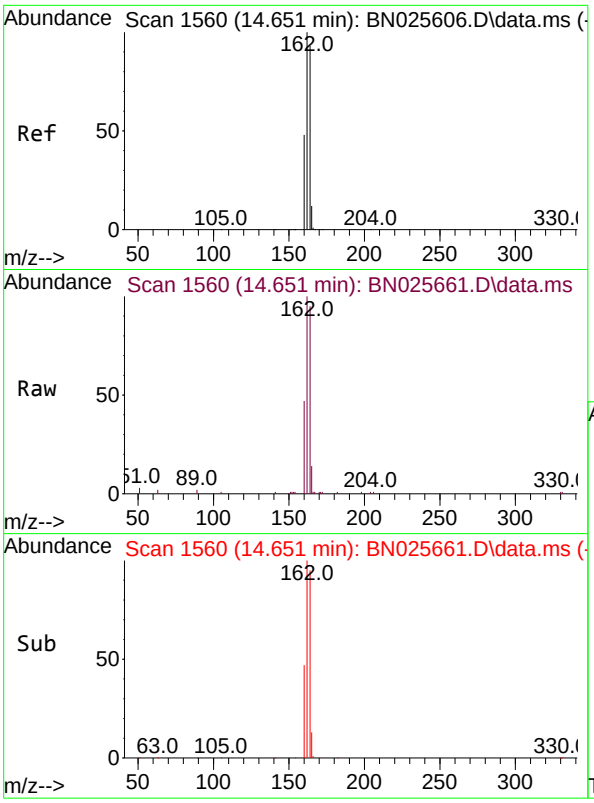


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.495 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:142 Resp: 12732

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.7	106.1
115	40.2	31.5	47.3



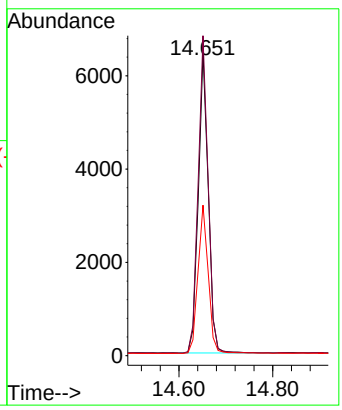


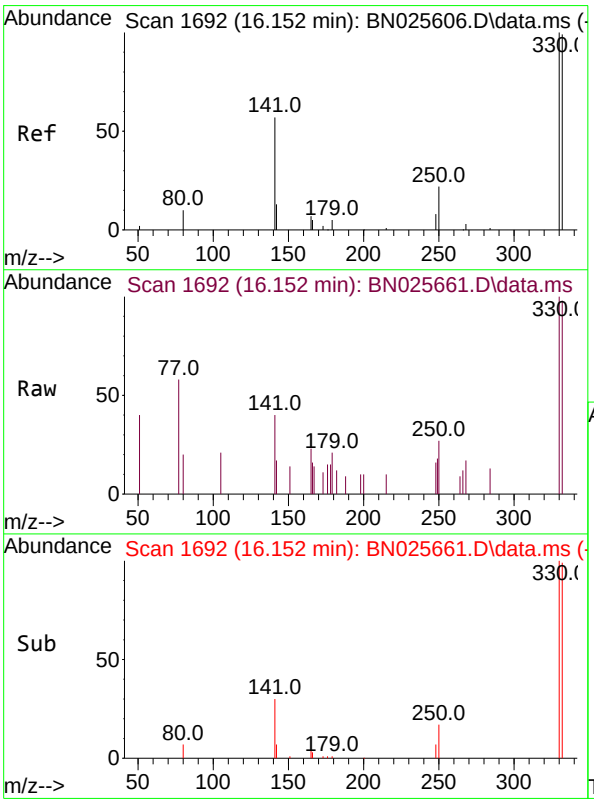
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9538

Ion	Ratio	Lower	Upper
164	100		
162	105.5	86.4	129.6
160	49.7	41.9	62.9

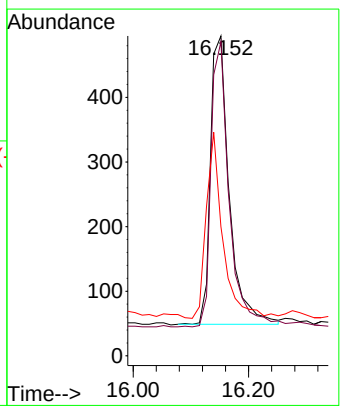


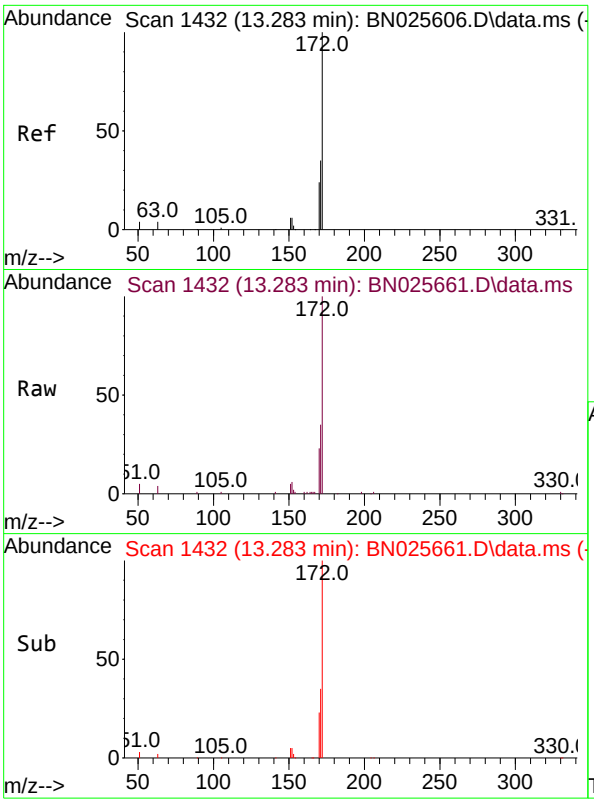


#14
2,4,6-Tribromophenol
Concen: 0.520 ng
RT: 16.152 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:330 Resp: 1003

Ion	Ratio	Lower	Upper
330	100		
332	95.2	80.0	120.0
141	57.4	45.8	68.6



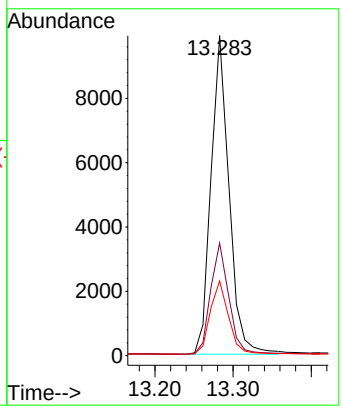


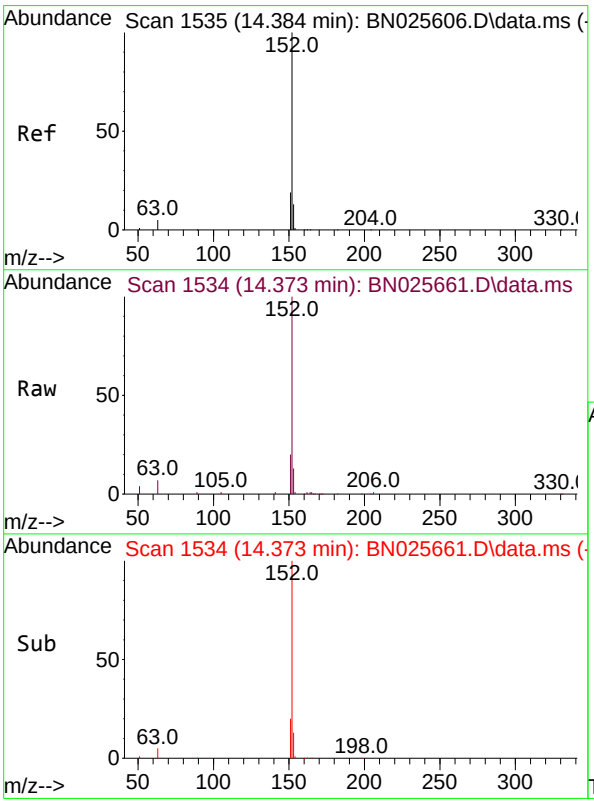
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.283 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 15894

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.3	19.7	29.5

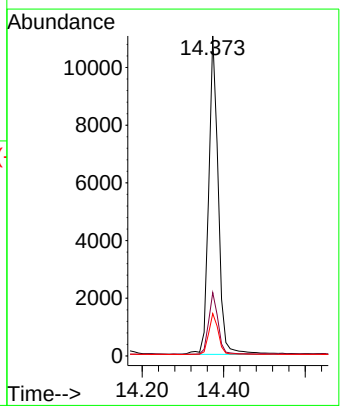


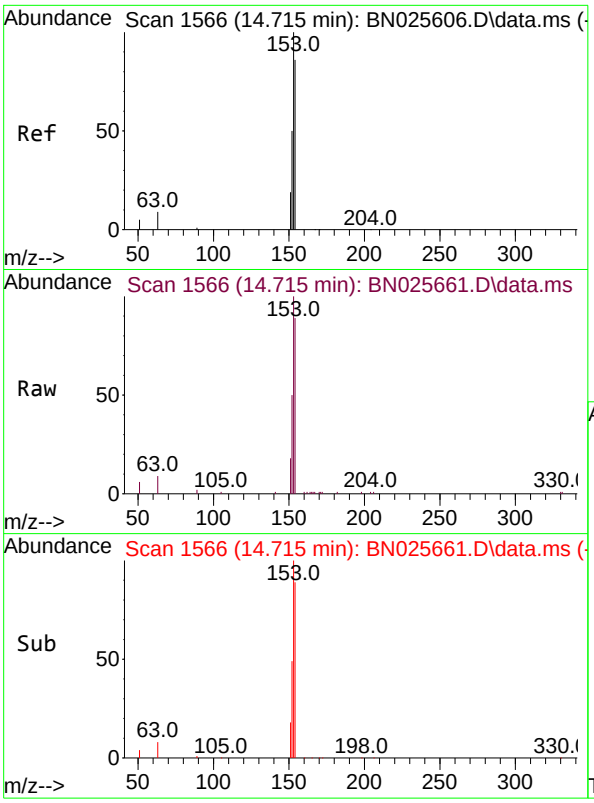


#16
Acenaphthylene
Concen: 0.399 ng
RT: 14.373 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:152 Resp: 17954

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



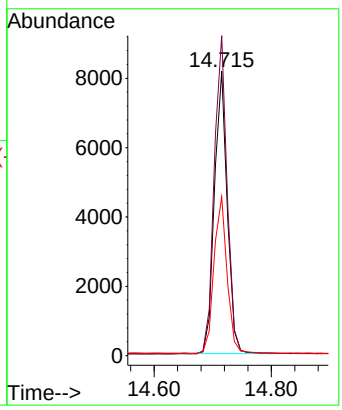


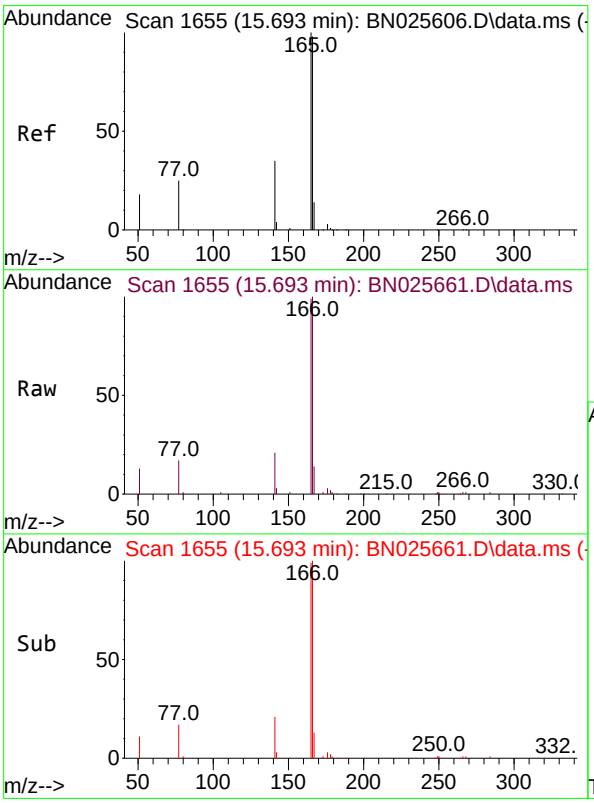
#17
Acenaphthene
Concen: 0.416 ng
RT: 14.715 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12346

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.9	137.9
152	56.8	45.4	68.2

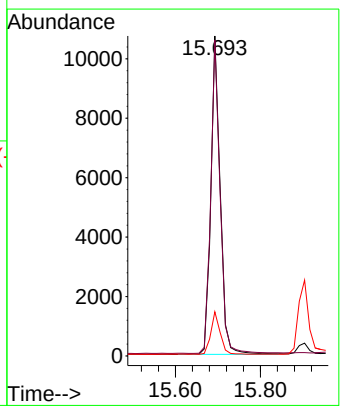


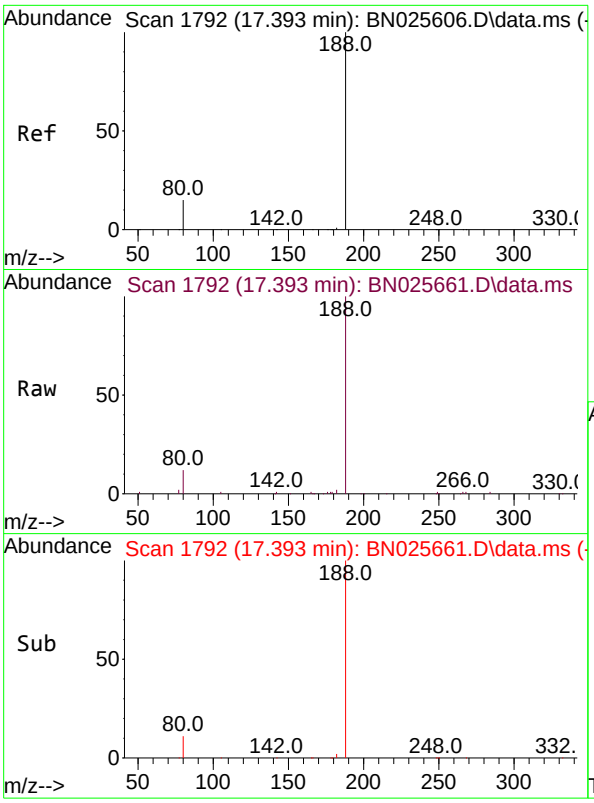


#18
Fluorene
Concen: 0.415 ng
RT: 15.693 min Scan# 1655
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:166 Resp: 16288

Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.3	118.9
167	13.5	10.7	16.1



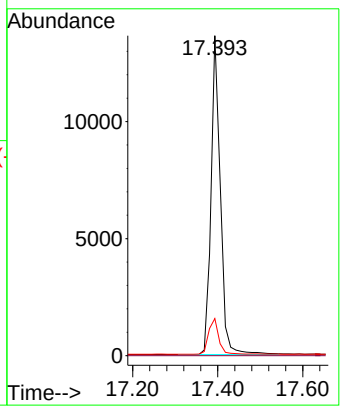


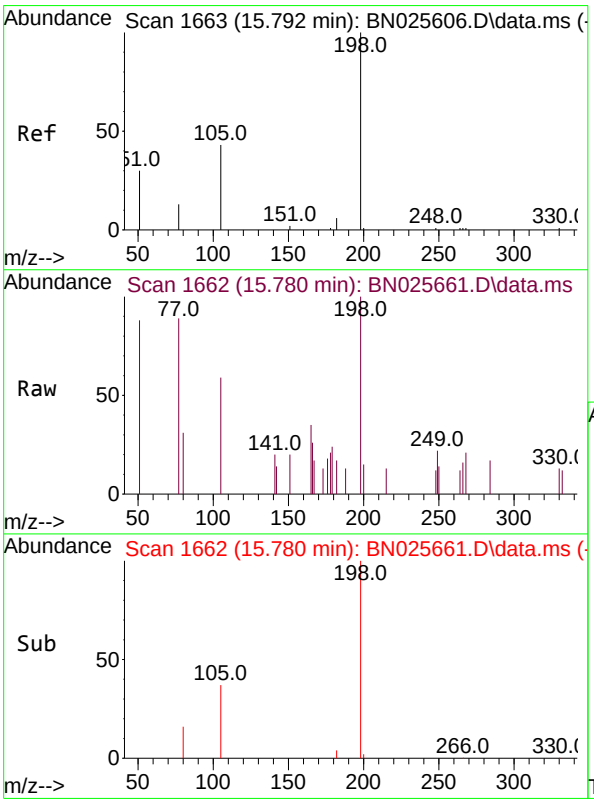
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20754

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	12.2	18.2#

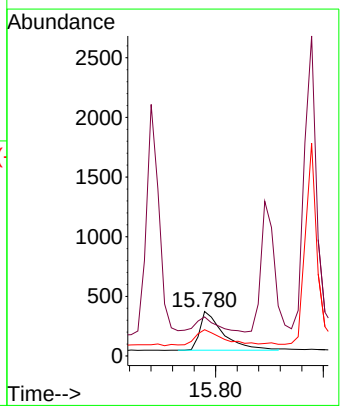


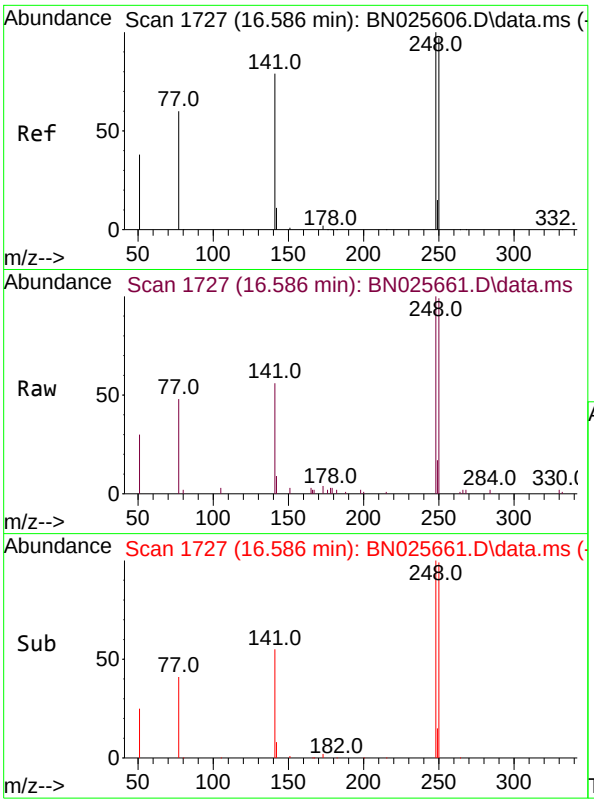


#20
4,6-Dinitro-2-methylphenol
Concen: 0.454 ng
RT: 15.780 min Scan# 1662
Delta R.T. -0.013 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:198 Resp: 977

Ion	Ratio	Lower	Upper
198	100		
51	87.9	110.8	166.2#
105	59.2	61.9	92.9#



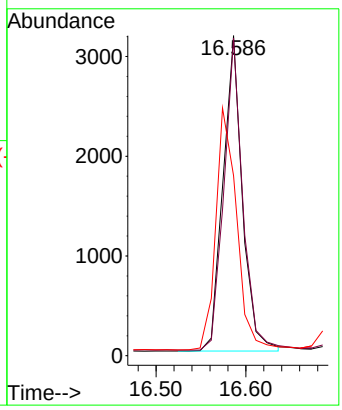


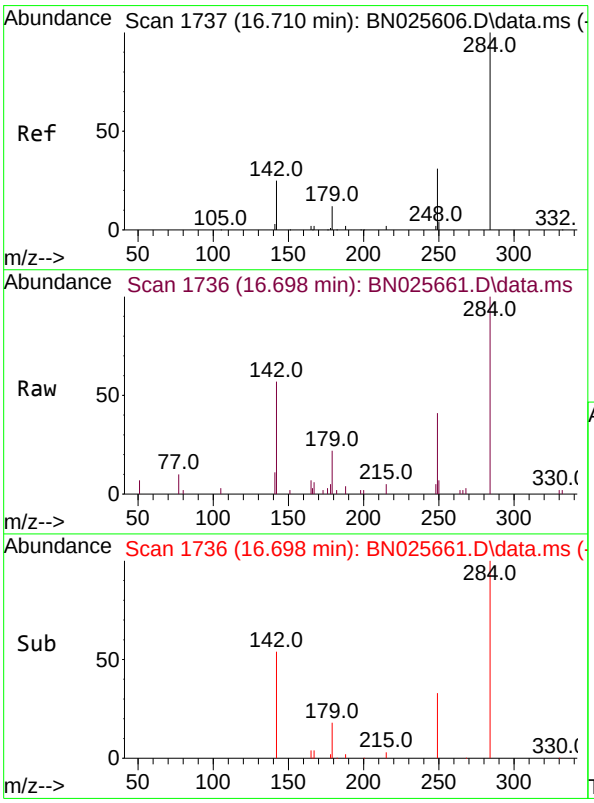
#21
4-Bromophenyl-phenylether
Concen: 0.401 ng
RT: 16.586 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 4725

Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.5	116.3
141	56.3	64.0	96.0#

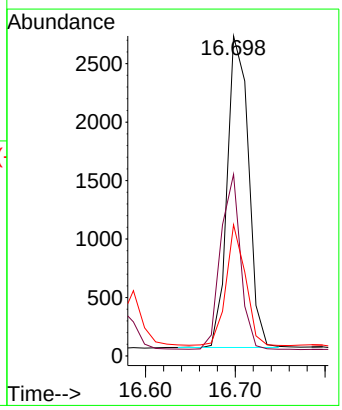


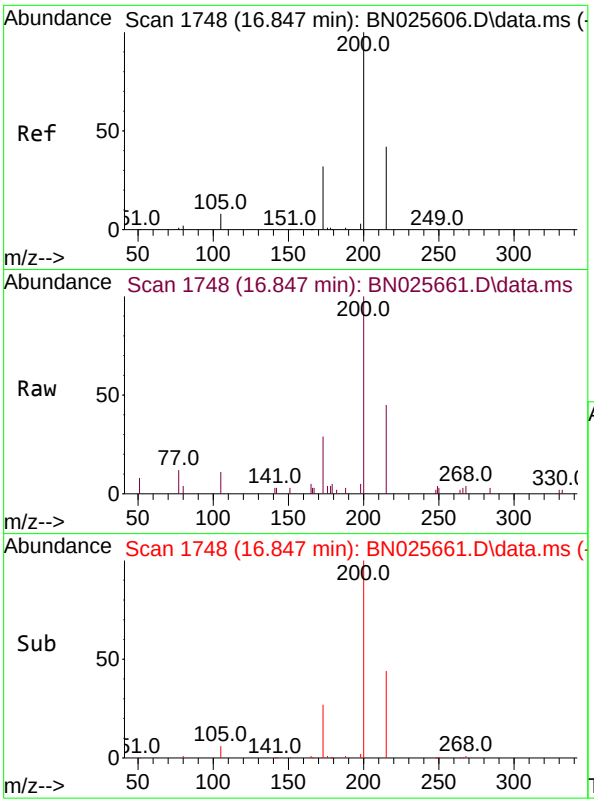


#22
Hexachlorobenzene
Concen: 0.408 ng
RT: 16.698 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:284 Resp: 4394

Ion	Ratio	Lower	Upper
284	100		
142	52.4	42.0	63.0
249	34.9	28.6	43.0



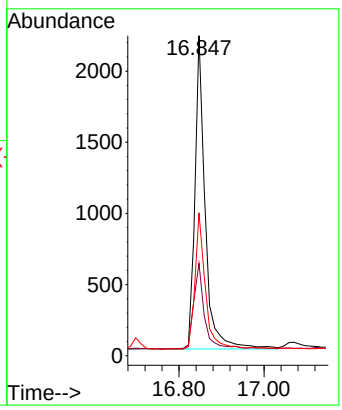


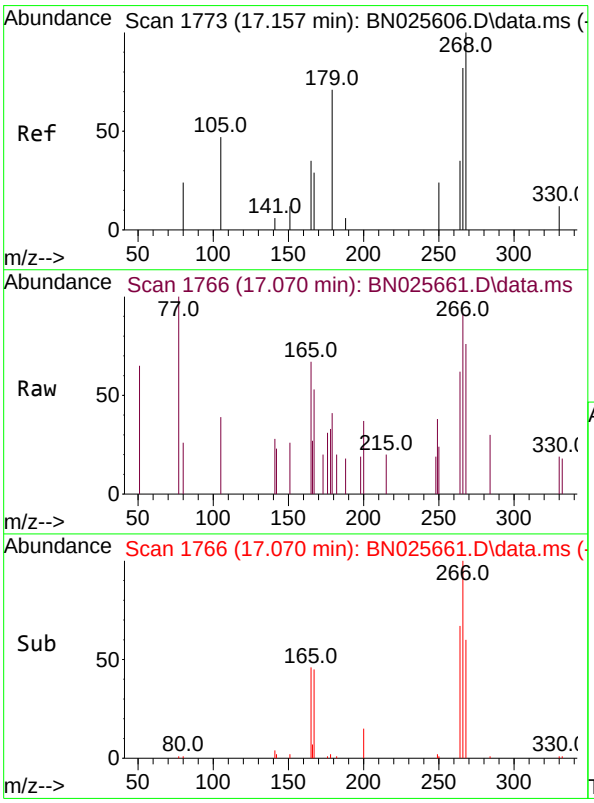
#23
Atrazine
Concen: 0.391 ng
RT: 16.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 3678

Ion	Ratio	Lower	Upper
200	100		
173	28.9	27.9	41.9
215	44.7	35.1	52.7

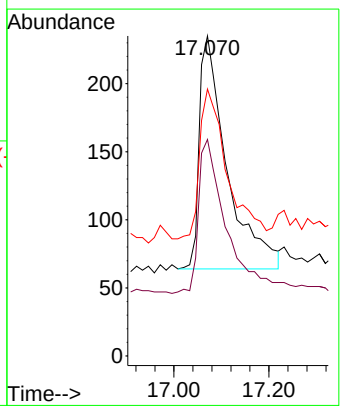


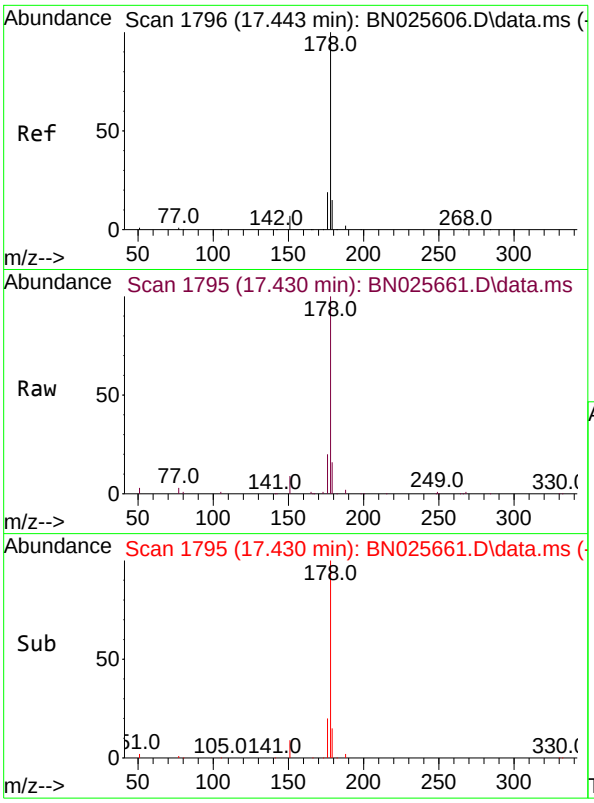


#24
Pentachlorophenol
Concen: 0.802 ng
RT: 17.070 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:266 Resp: 692

Ion	Ratio	Lower	Upper
266	100		
264	65.3	60.0	90.0
268	63.9	0.0	0.0#



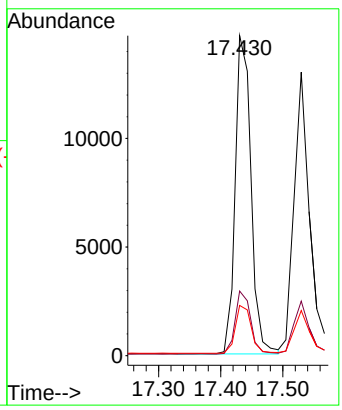


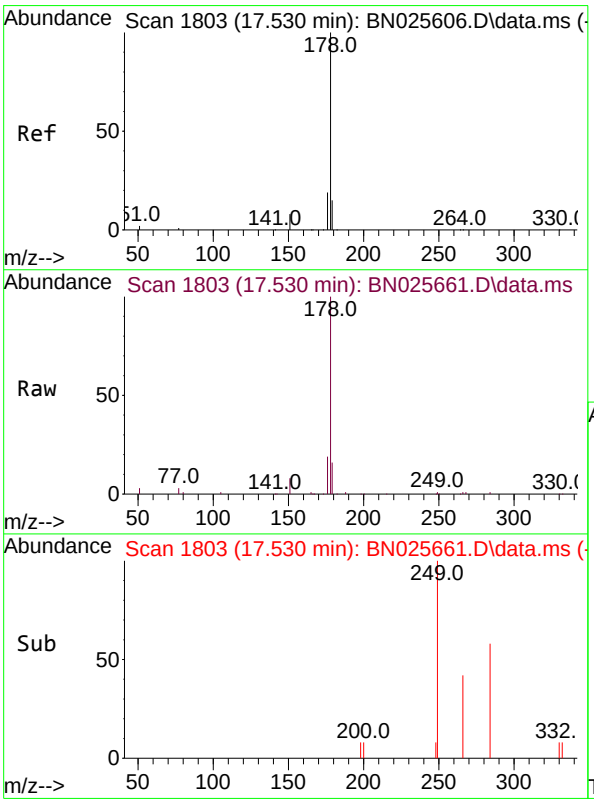
#25
Phenanthrene
Concen: 0.410 ng
RT: 17.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 25920

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.2	12.6	19.0

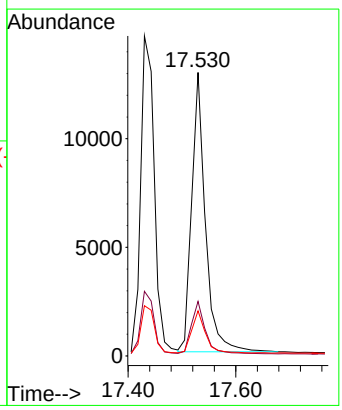


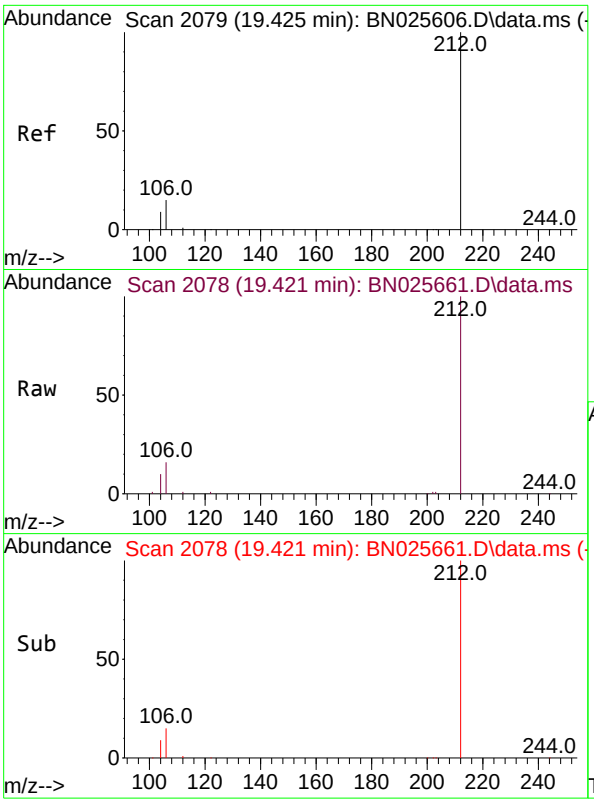


#26
Anthracene
Concen: 0.398 ng
RT: 17.530 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:178 Resp: 22755

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.8	22.2
179	15.2	12.2	18.2



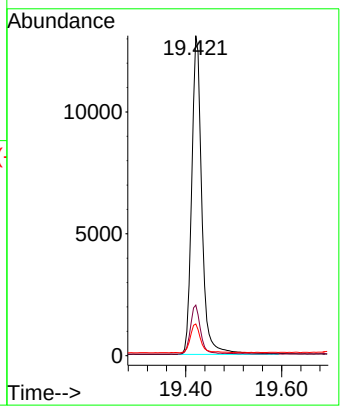


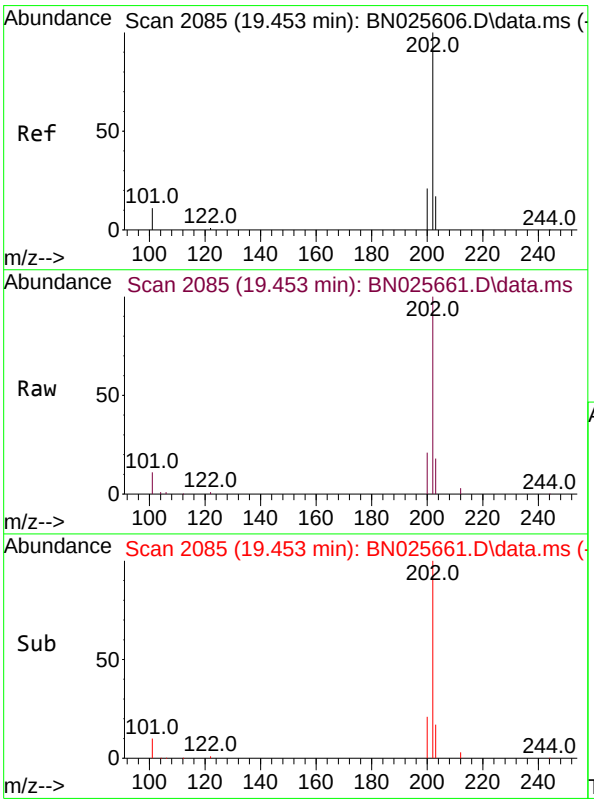
#27
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 19335

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	9.3	7.2	10.8

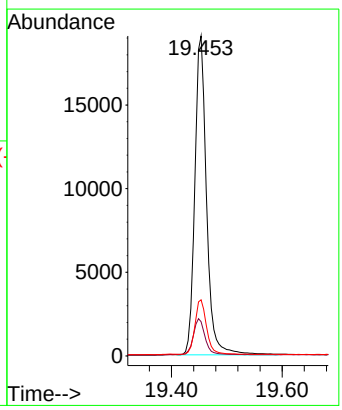


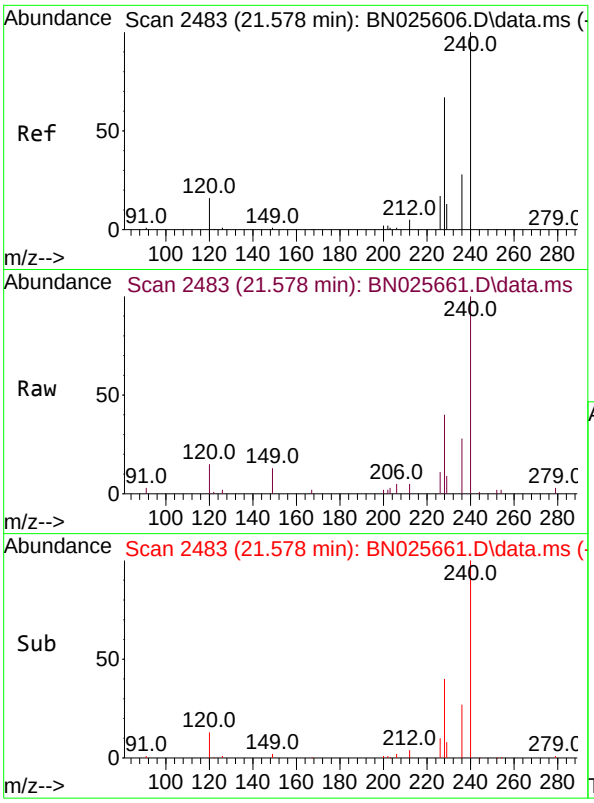


#28
Fluoranthene
Concen: 0.408 ng
RT: 19.453 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:202 Resp: 28125

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
203	16.9	13.3	19.9



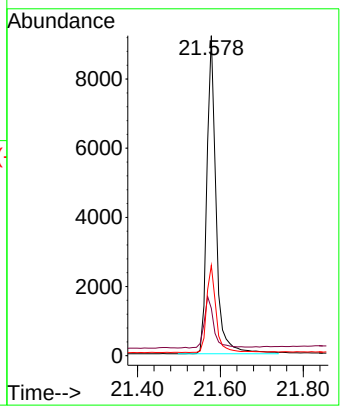


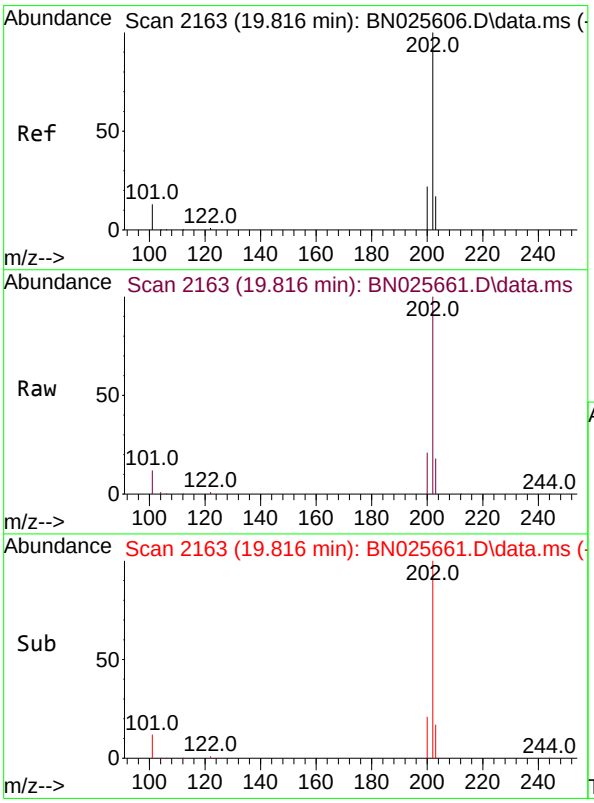
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 14292

Ion	Ratio	Lower	Upper
240	100		
120	14.8	15.4	23.0#
236	28.2	23.2	34.8

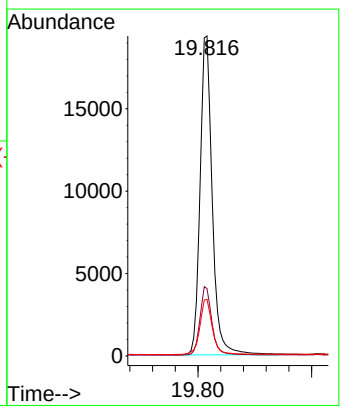


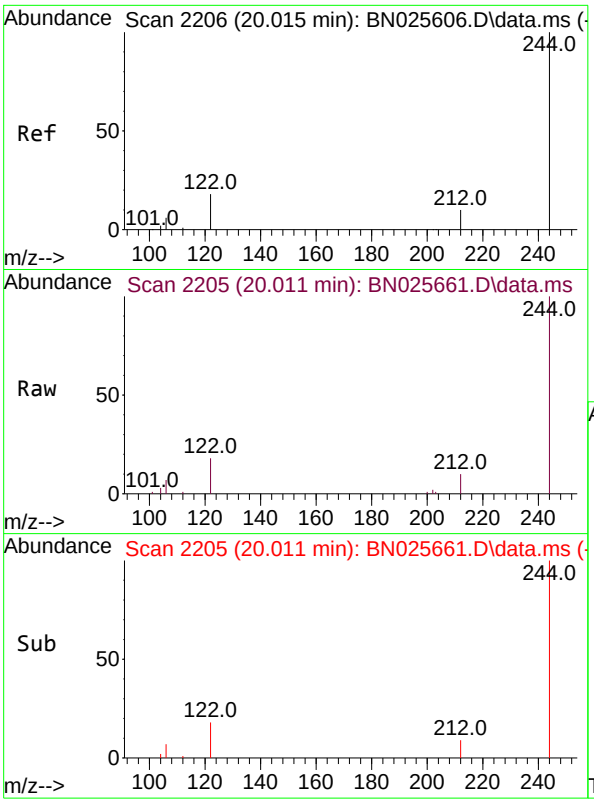


#30
Pyrene
Concen: 0.414 ng
RT: 19.816 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:202 Resp: 28798

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.1	25.7
203	17.6	14.5	21.7



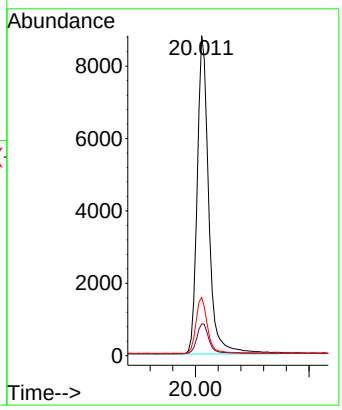


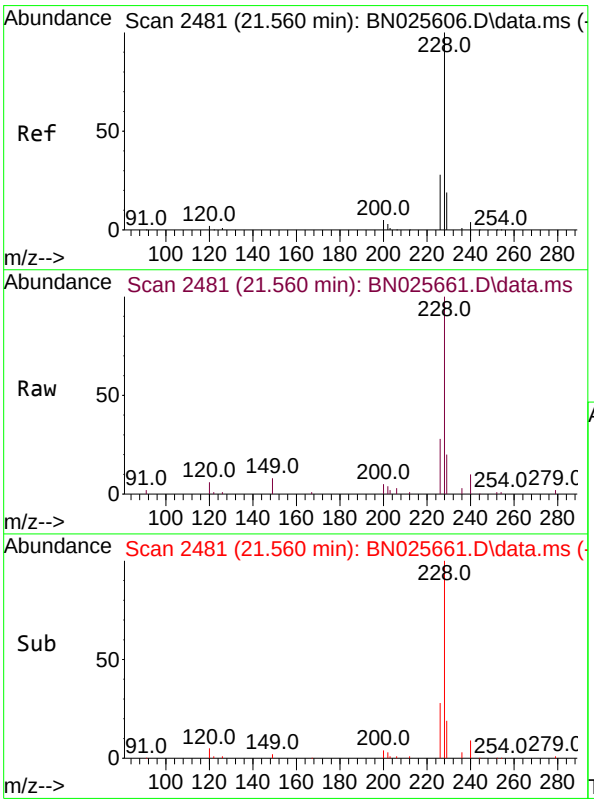
#31
Terphenyl-d14
Concen: 0.397 ng
RT: 20.011 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12416

Ion	Ratio	Lower	Upper
244	100		
212	10.0	8.5	12.7
122	18.2	14.9	22.3

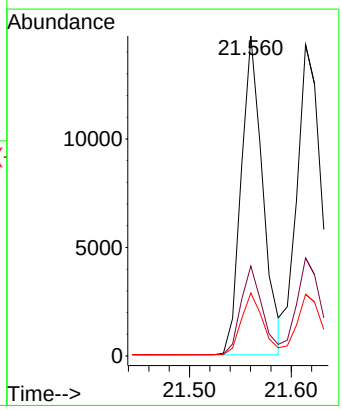


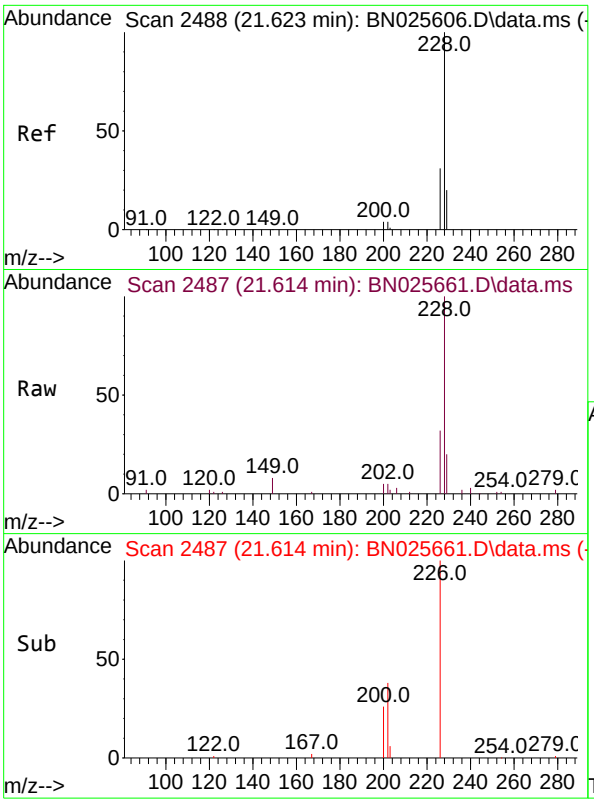


#32
Benzo(a)anthracene
Concen: 0.407 ng
RT: 21.560 min Scan# 2481
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:228 Resp: 21667

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.9	34.3
229	19.7	15.9	23.9



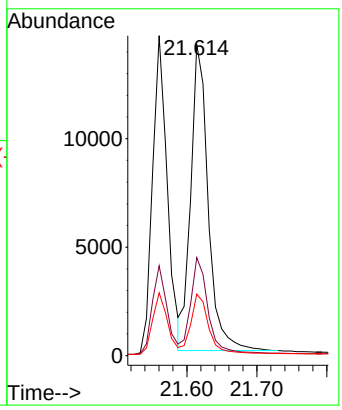


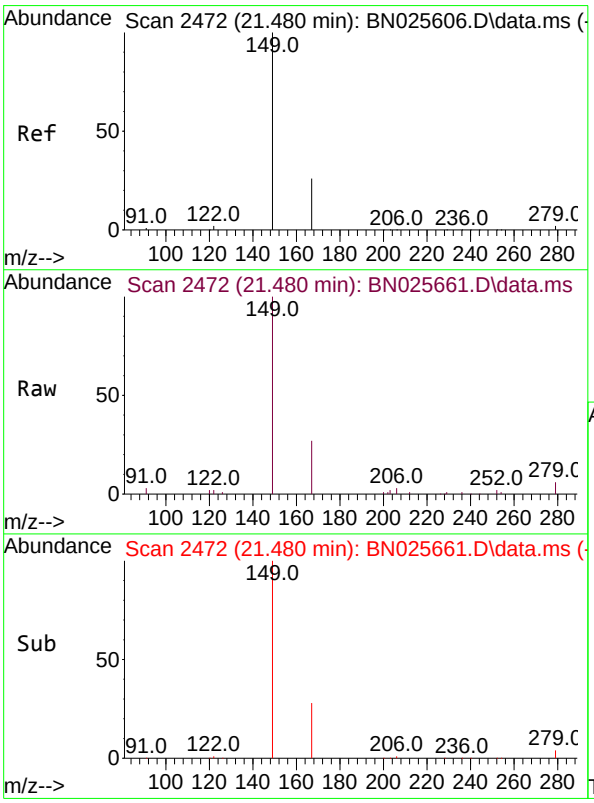
#33
Chrysene
Concen: 0.424 ng
RT: 21.614 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 24512

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	19.8	16.2	24.4

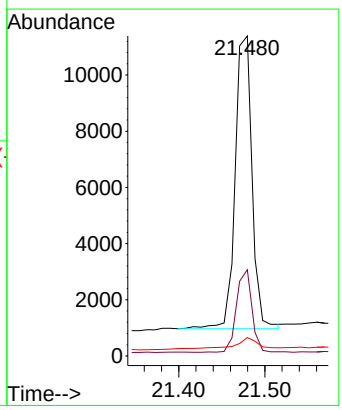


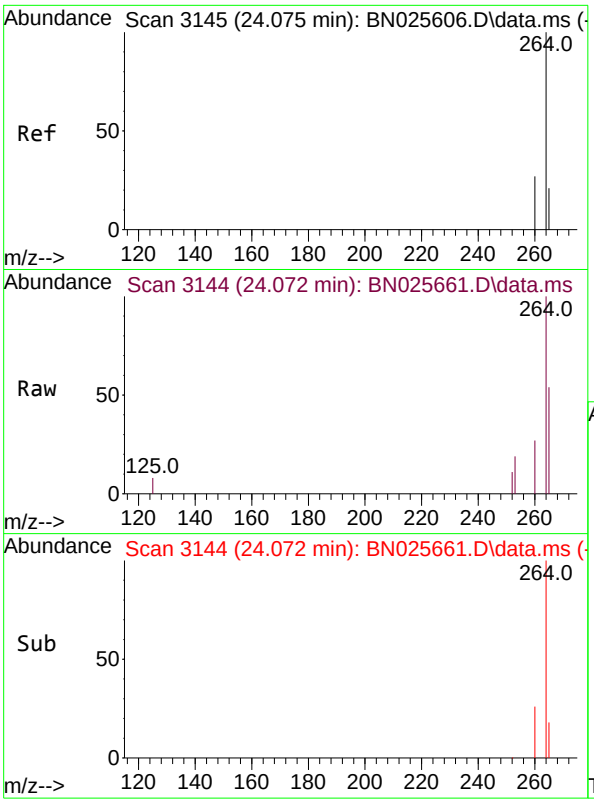


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.439 ng
RT: 21.480 min Scan# 2472
Delta R.T. 0.009 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:149 Resp: 14234

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.4	30.6
279	5.4	3.3	4.9#



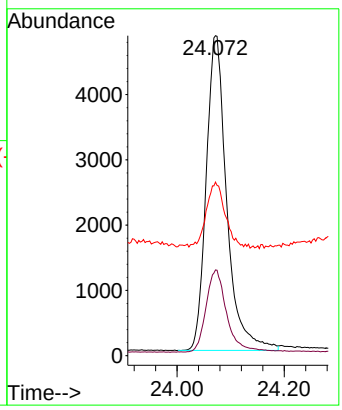


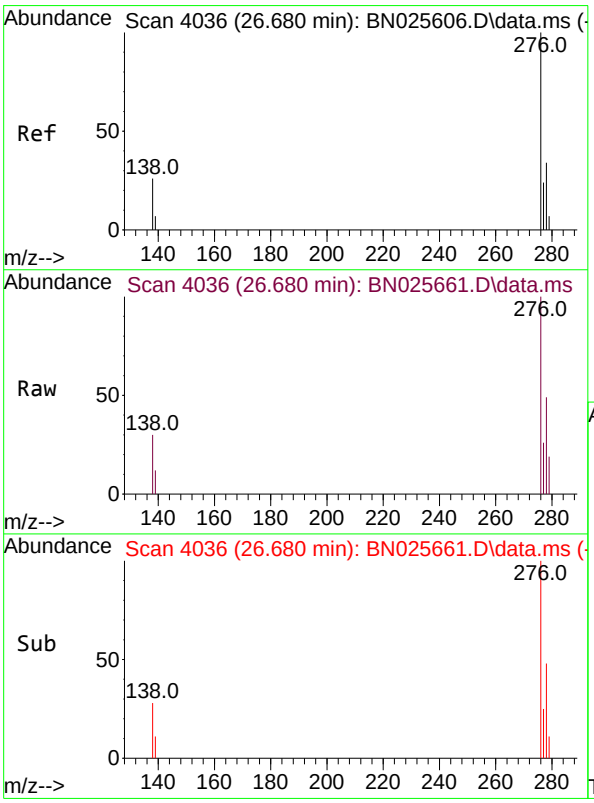
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.072 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 12833

Ion	Ratio	Lower	Upper
264	100		
260	26.8	22.3	33.5
265	54.2	54.3	81.5#

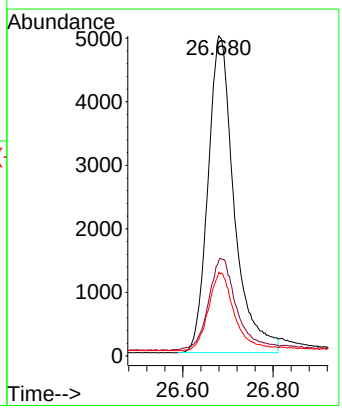


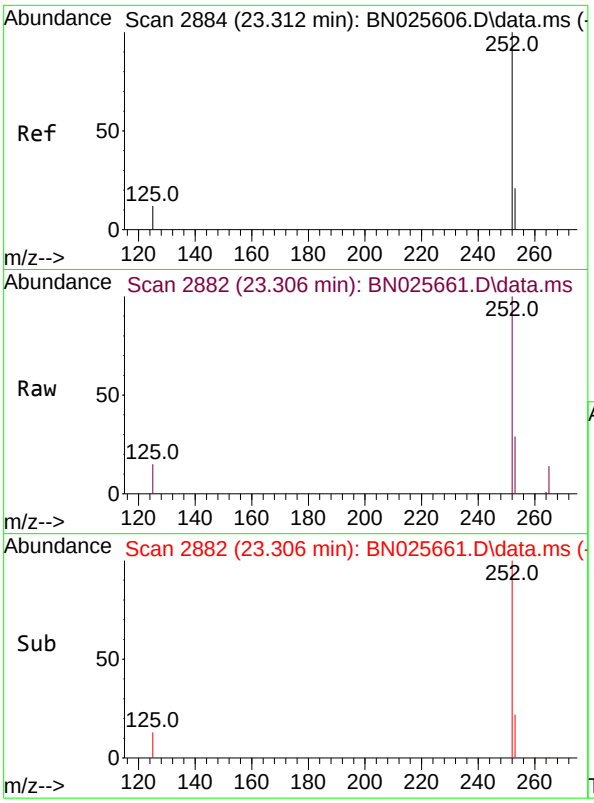


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 26.680 min Scan# 4036
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:276 Resp: 20135

Ion	Ratio	Lower	Upper
276	100		
138	30.6	10.5	15.7#
277	24.7	9.2	13.8#



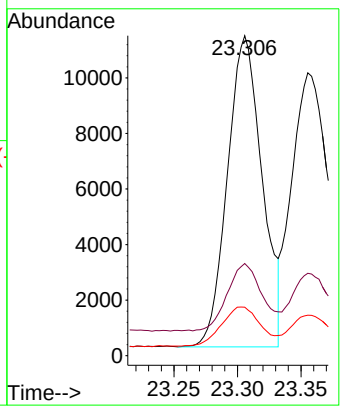


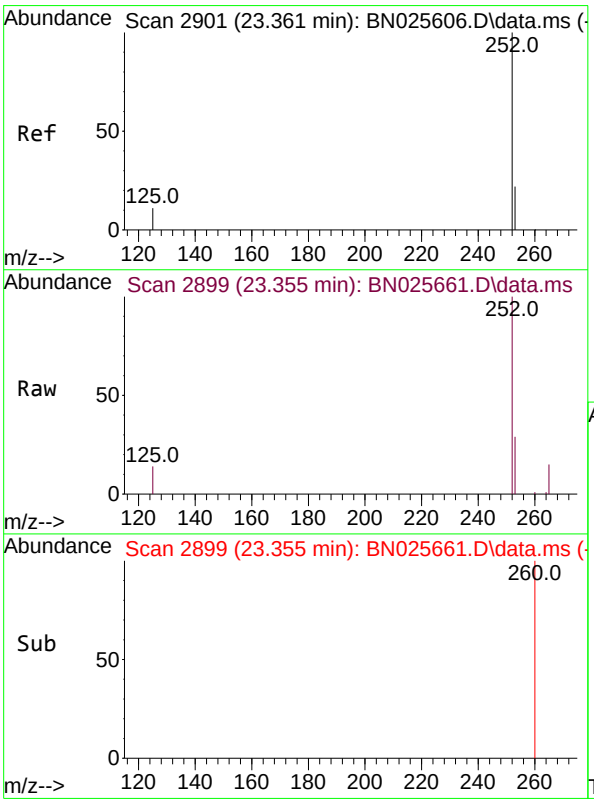
#37
Benzo(b)fluoranthene
Concen: 0.436 ng
RT: 23.306 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21320

Ion	Ratio	Lower	Upper
252	100		
253	28.8	26.2	39.4
125	15.1	12.9	19.3

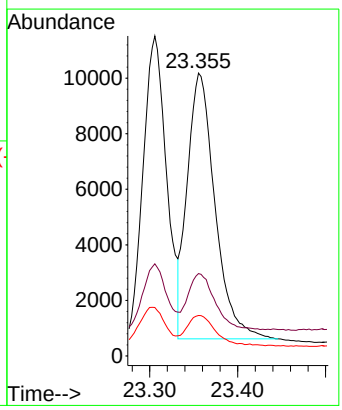


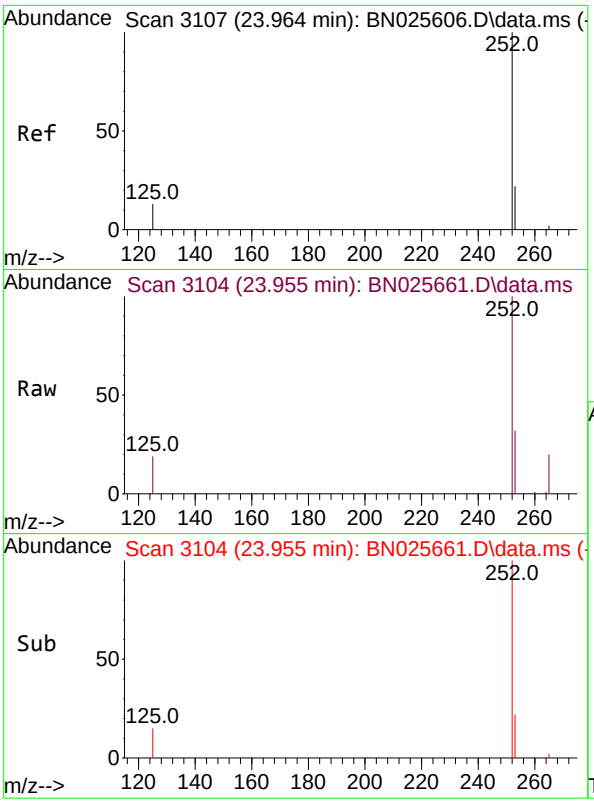


#38
Benzo(k)fluoranthene
Concen: 0.413 ng
RT: 23.355 min Scan# 2899
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:252 Resp: 21014

Ion	Ratio	Lower	Upper
252	100		
253	29.1	26.1	39.1
125	14.3	12.5	18.7



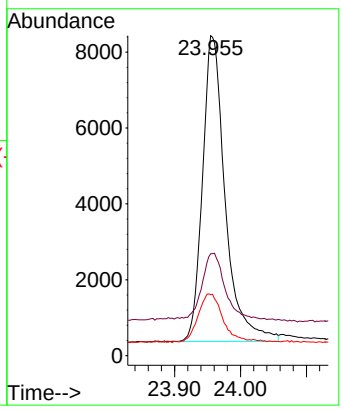


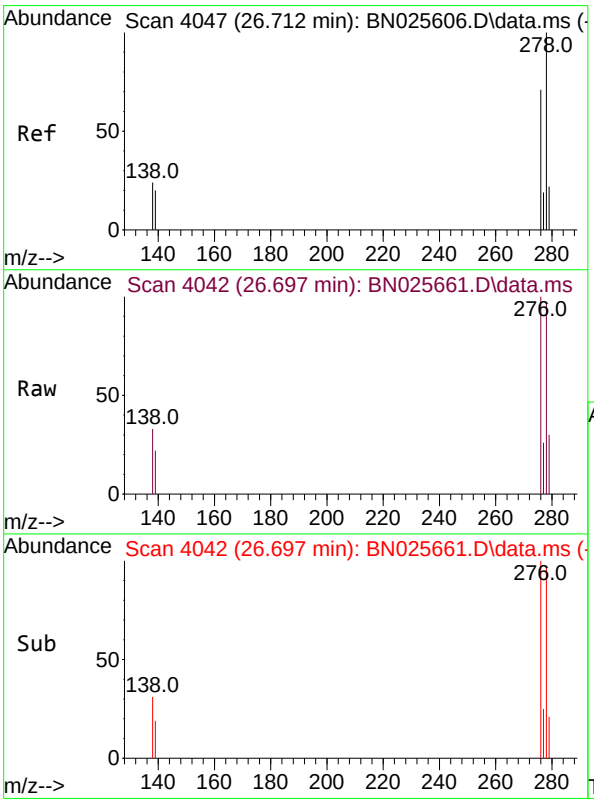
#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.955 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 19295

Ion	Ratio	Lower	Upper
252	100		
253	31.8	30.2	45.2
125	19.1	14.8	22.2

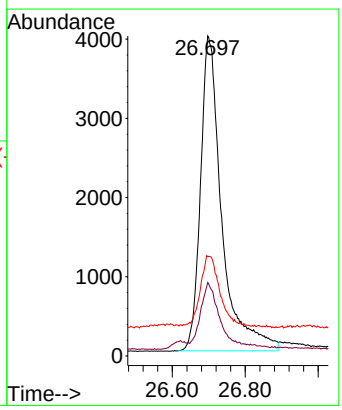


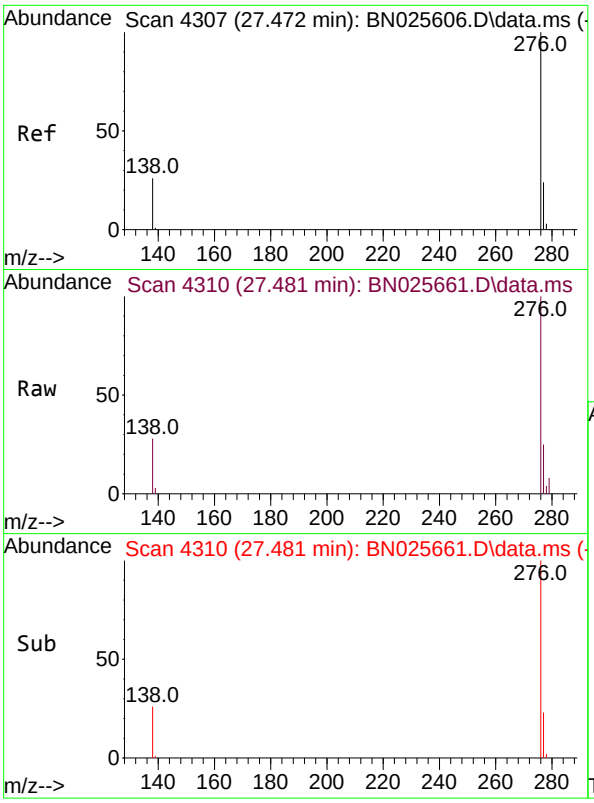


#40
Dibenzo(a,h)anthracene
Concen: 0.413 ng
RT: 26.697 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Tgt Ion:278 Resp: 16097

Ion	Ratio	Lower	Upper
278	100		
139	22.9	18.6	28.0
279	31.0	27.8	41.8





#41
Benzo(g,h,i)perylene
Concen: 0.404 ng
RT: 27.481 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN025661.D
Acq: 28 May 2023 01:57

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 17987

Ion	Ratio	Lower	Upper
276	100		
277	24.7	21.4	32.0
138	28.2	22.8	34.2