Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025289.D
Acq On : 05 May 2023 21:25
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 08 02:06:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:01:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	6552	0.400	ng		0.00
7) Naphthalene-d8	10.718	136	19854	0.400	ng		-0.01
13) Acenaphthene-d10	14.555	164	13125	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	28580	0.400	ng		#-0.01
29) Chrysene-d12	21.504	240	30349	0.400	ng		0.00
35) Perylene-d12	23.943	264	32771	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.463	112	28634	1.892	ng		0.00
5) Phenol-d6	7.080	99	37241	1.952	ng		0.00
8) Nitrobenzene-d5	9.073	82	30173	1.885	ng		-0.02
11) 2-Methylnaphthalene-d10	12.309	152	49378	1.878	ng		0.00
14) 2,4,6-Tribromophenol	16.057	330	12651	2.144	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	82965	1.655	ng		-0.01
27) Fluoranthene-d10	19.338	212	127168	1.962	ng		0.00
31) Terphenyl-d14	19.932	244	111213	1.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	12073	1.677	ng		94
3) n-Nitrosodimethylamine	3.657	42	20288	1.661	ng	#	98
6) bis(2-Chloroethyl)ether	7.333	93	33215	1.716	ng		99
9) Naphthalene	10.771	128	90000	1.760	ng		98
10) Hexachlorobutadiene	11.049	225	16703	1.715	ng	#	98
12) 2-Methylnaphthalene	12.381	142	65583	1.845	ng		98
16) Acenaphthylene	14.277	152	107710	1.952	ng		99
17) Acenaphthene	14.619	154	65685	1.760	ng		100
18) Fluorene	15.603	166	89766	1.752	ng		100
20) 4,6-Dinitro-2-methylph...	15.710	198	8387	2.205	ng	#	24
21) 4-Bromophenyl-phenylether	16.492	248	29615	1.759	ng	#	81
22) Hexachlorobenzene	16.616	284	31194	1.635	ng		100
23) Atrazine	16.765	200	25250	2.200	ng	#	93
25) Phenanthrene	17.348	178	144797	1.745	ng		99
26) Anthracene	17.435	178	140081	1.936	ng		100
28) Fluoranthene	19.367	202	176442	1.873	ng		100
30) Pyrene	19.730	202	183061	1.697	ng		100
32) Benzo(a)anthracene	21.486	228	181718	1.771	ng		99
33) Chrysene	21.540	228	180301	1.677	ng		99
34) Bis(2-ethylhexyl)phtha...	21.396	149	132597	2.405	ng		99
36) Indeno(1,2,3-cd)pyrene	26.481	276	237378	1.652	ng		100
37) Benzo(b)fluoranthene	23.195	252	190299	1.531	ng	#	91
38) Benzo(k)fluoranthene	23.242	252	194624	1.580	ng	#	92
39) Benzo(a)pyrene	23.835	252	192625	1.621	ng	#	90
40) Dibenzo(a,h)anthracene	26.502	278	191136	1.690	ng		94
41) Benzo(g,h,i)perylene	27.265	276	203006	1.657	ng		97

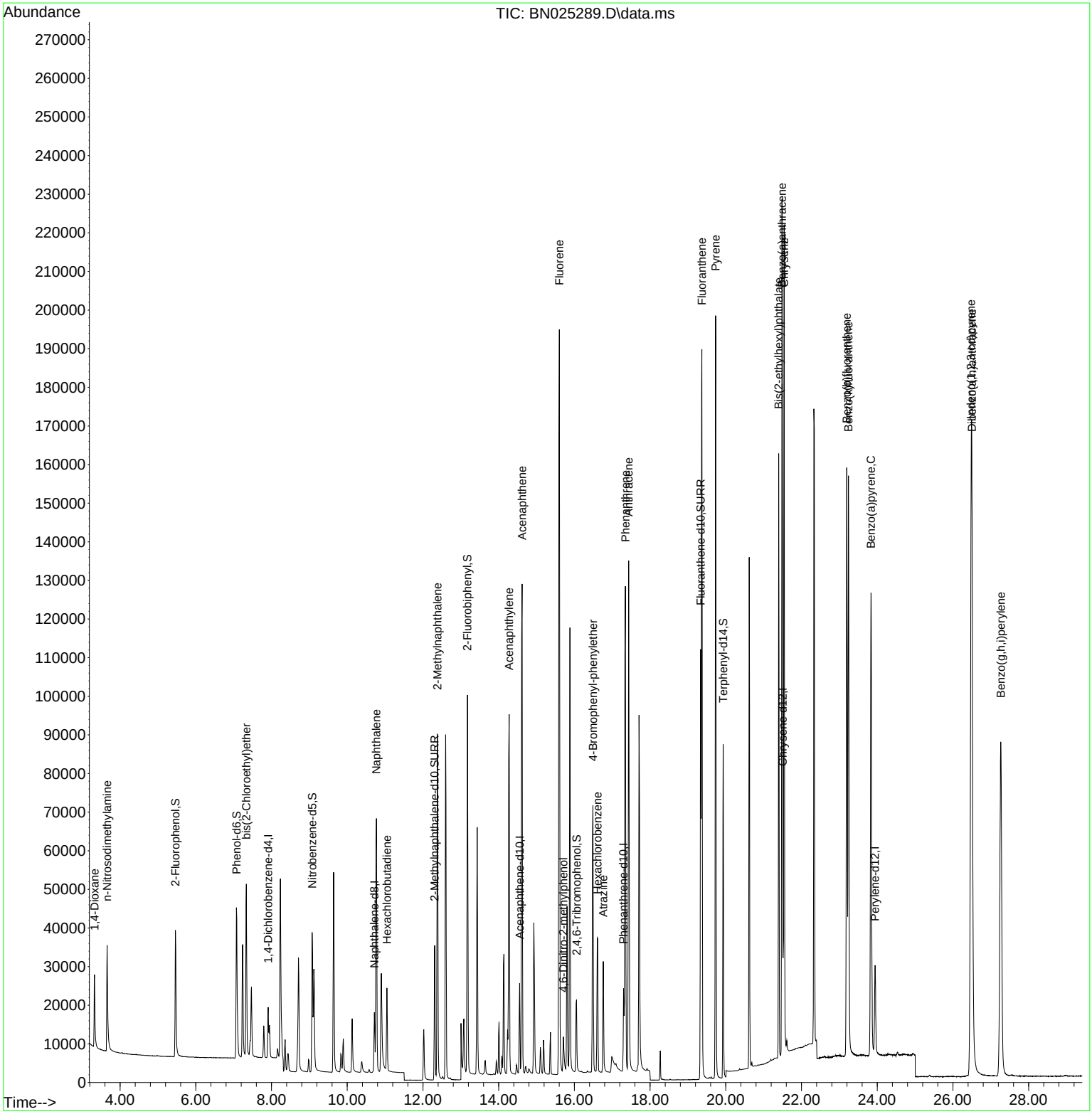
(#) = qualifier out of range (m) = manual integration (+) = signals summed

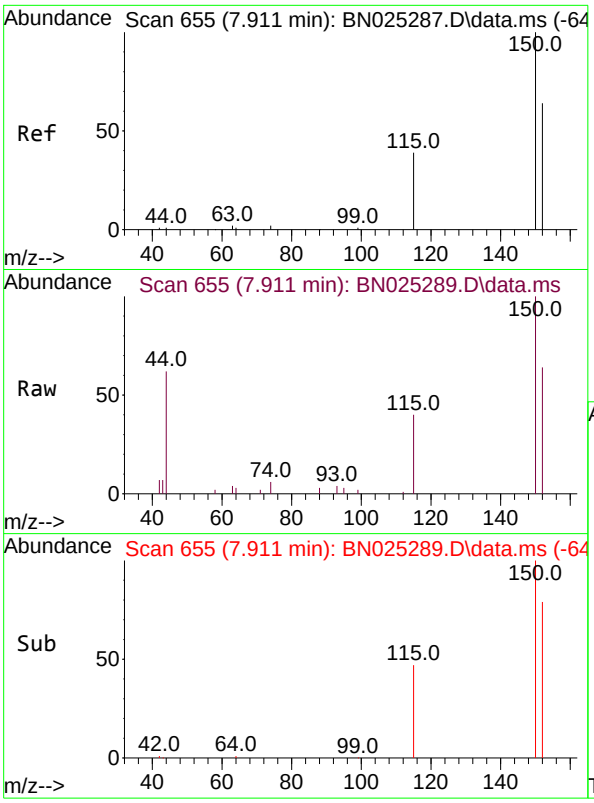
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025289.D
Acq On : 05 May 2023 21:25
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 08 02:06:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:01:54 2023
Response via : Initial Calibration



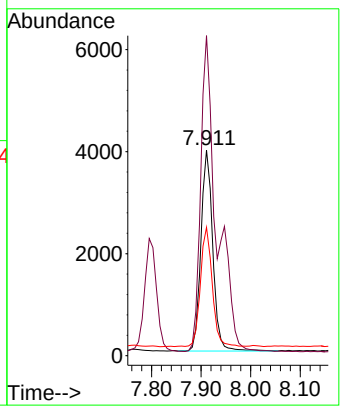


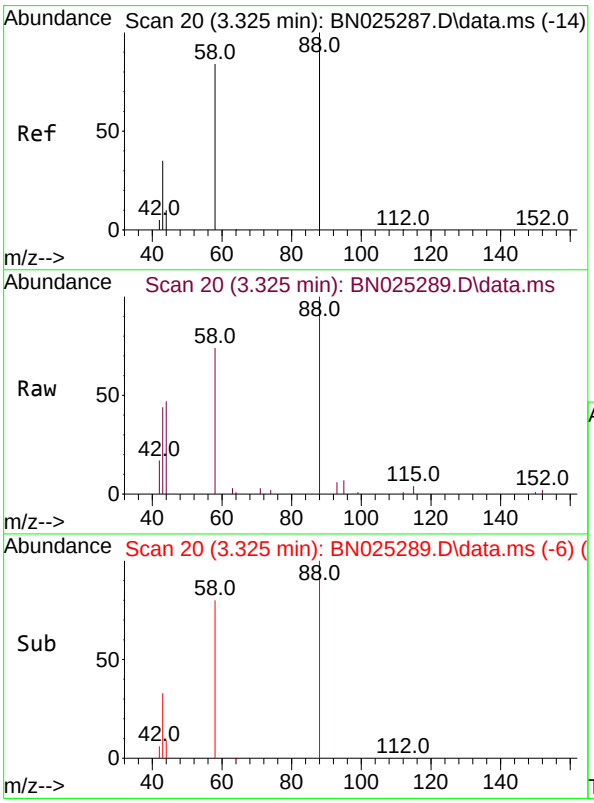
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 6552

Ion	Ratio	Lower	Upper
152	100		
150	155.6	123.8	185.8
115	62.4	52.9	79.3

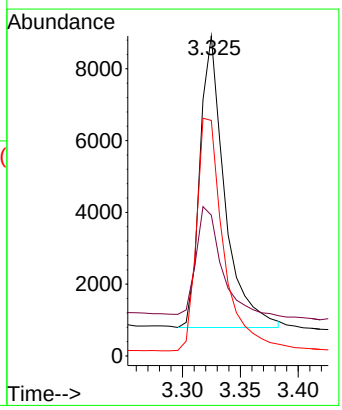


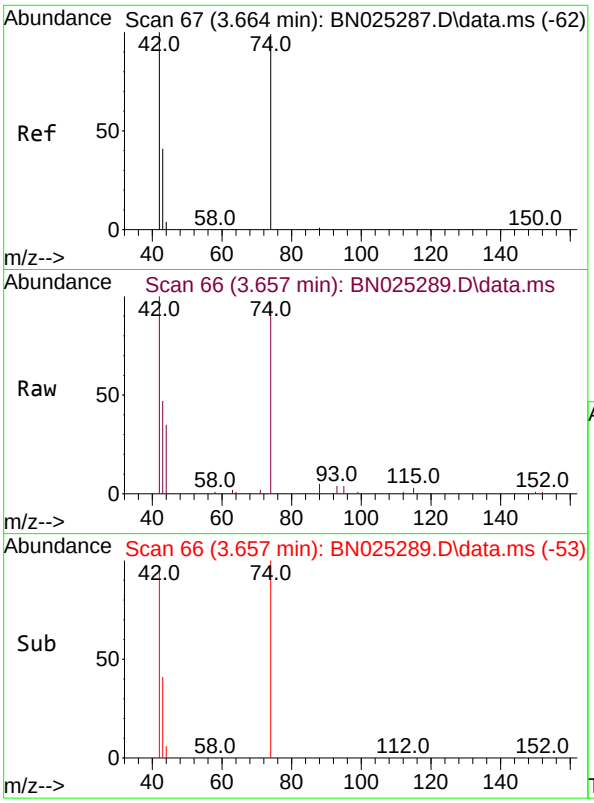


#2
1,4-Dioxane
Concen: 1.677 ng
RT: 3.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion: 88 Resp: 12073

Ion	Ratio	Lower	Upper
88	100		
43	38.1	37.2	55.8
58	87.4	71.5	107.3



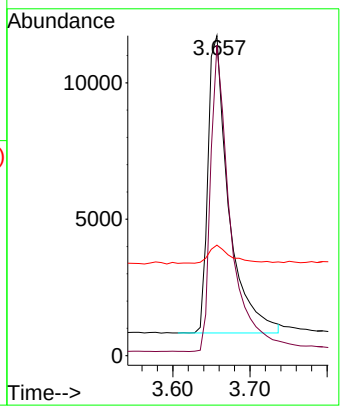


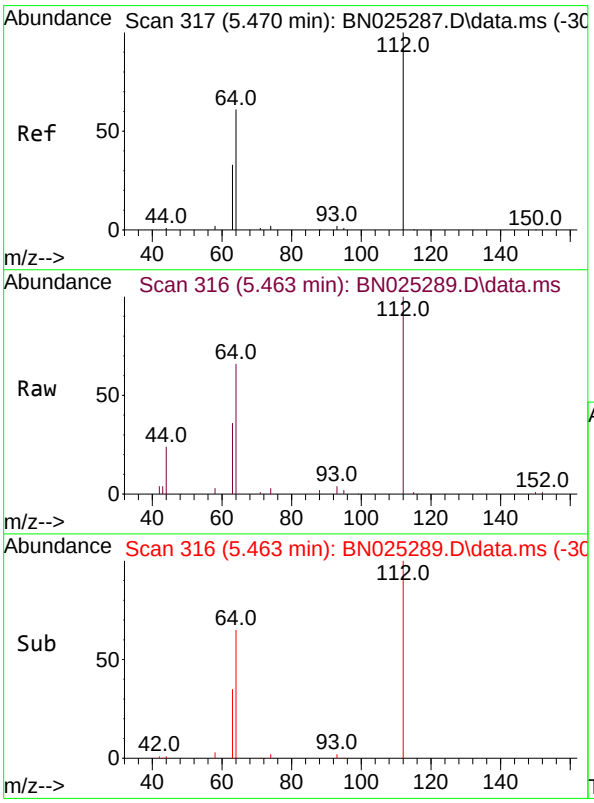
#3
n-Nitrosodimethylamine
Concen: 1.661 ng
RT: 3.657 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 20288

Ion	Ratio	Lower	Upper
42	100		
74	98.3	79.9	119.9
44	6.5	7.0	10.6#

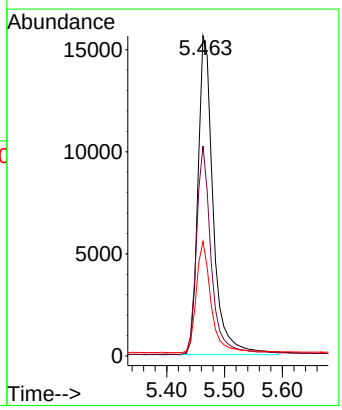


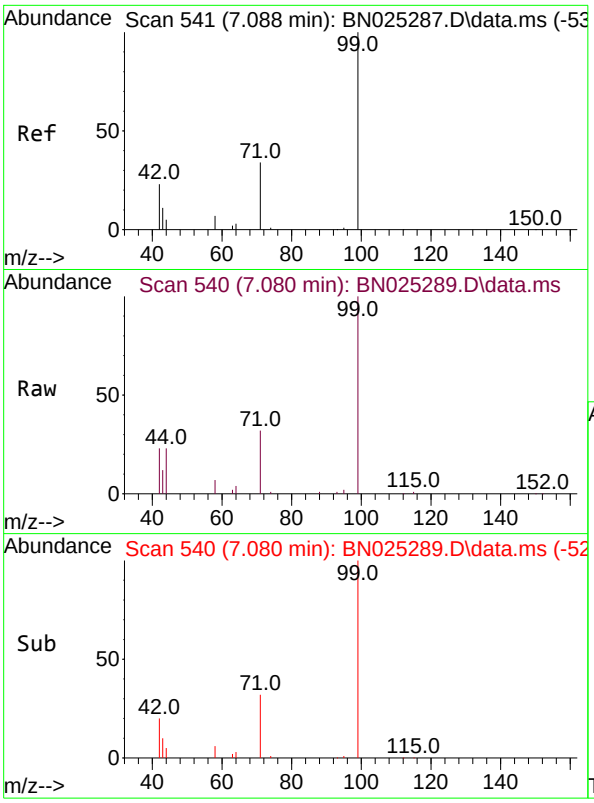


#4
2-Fluorophenol
Concen: 1.892 ng
RT: 5.463 min Scan# 316
Delta R.T. -0.007 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:112 Resp: 28634

Ion	Ratio	Lower	Upper
112	100		
64	63.6	51.5	77.3
63	34.1	27.8	41.6



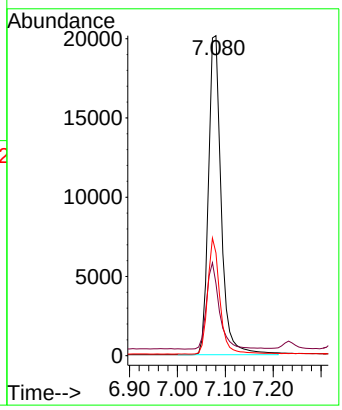


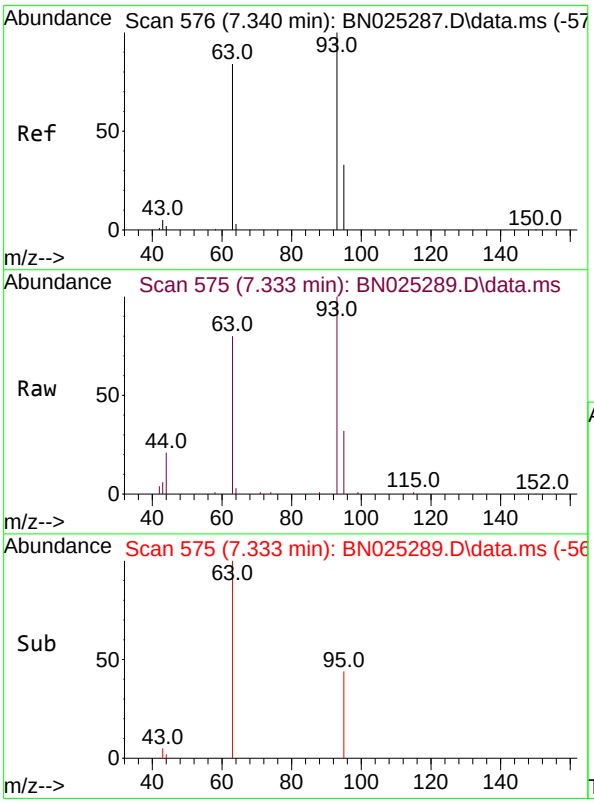
#5
Phenol-d6
Concen: 1.952 ng
RT: 7.080 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 37241

Ion	Ratio	Lower	Upper
99	100		
42	27.5	22.0	33.0
71	34.7	28.7	43.1

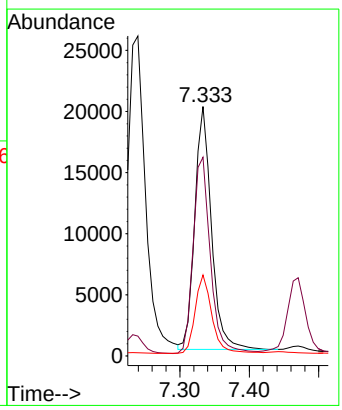


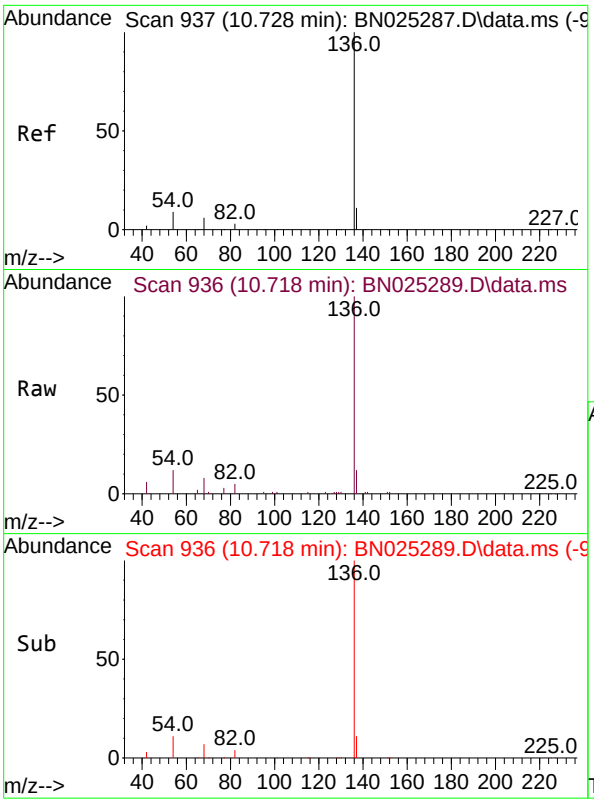


#6
bis(2-Chloroethyl)ether
Concen: 1.716 ng
RT: 7.333 min Scan# 575
Delta R.T. -0.007 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion: 93 Resp: 33215

Ion	Ratio	Lower	Upper
93	100		
63	83.8	67.8	101.6
95	32.5	26.7	40.1



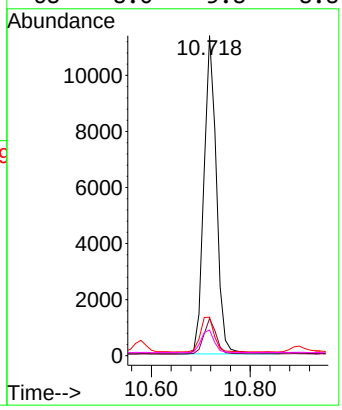


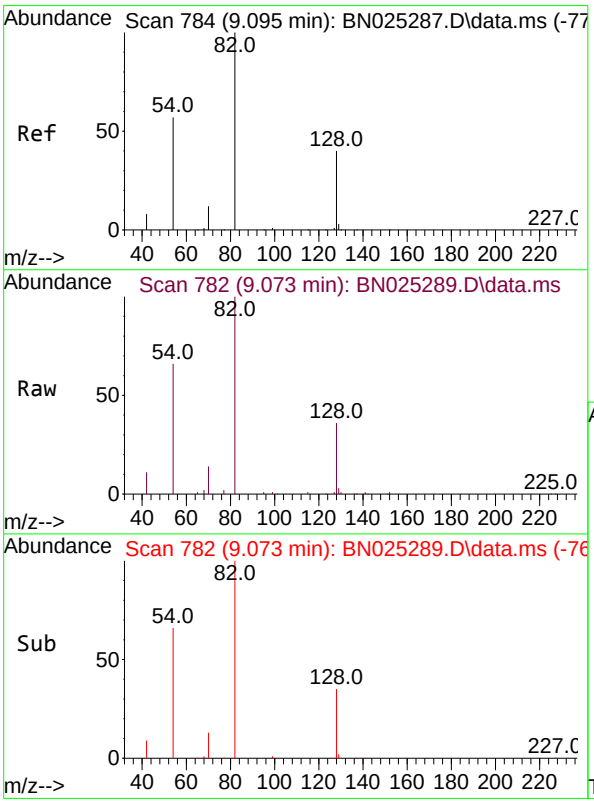
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.718 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 19854

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.2
54	12.0	8.5	12.7
68	8.0	5.8	8.8

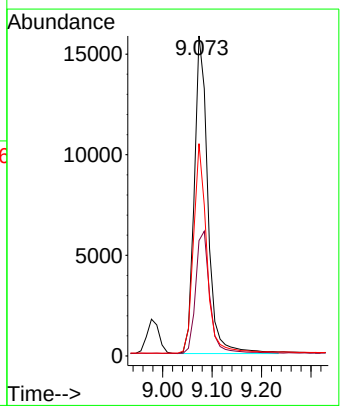


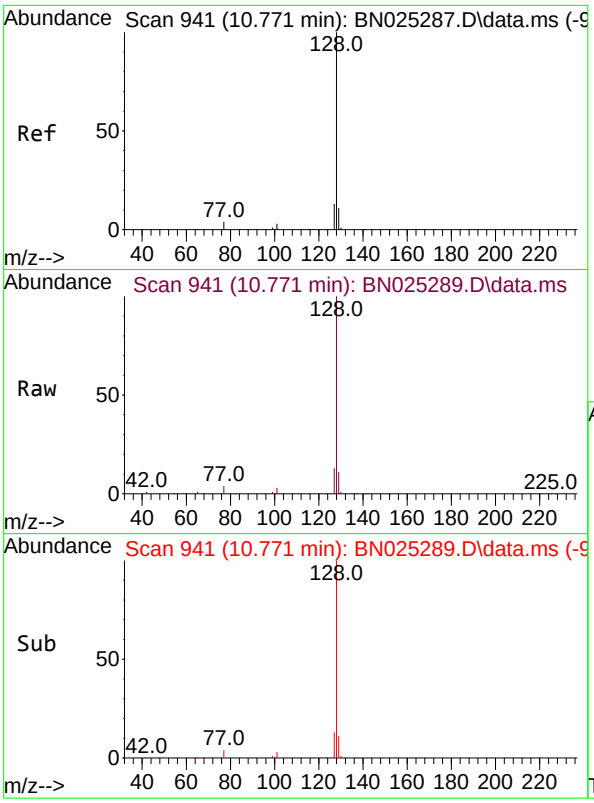


#8
Nitrobenzene-d5
Concen: 1.885 ng
RT: 9.073 min Scan# 782
Delta R.T. -0.021 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion: 82 Resp: 30173

Ion	Ratio	Lower	Upper
82	100		
128	36.0	35.3	52.9
54	66.3	48.7	73.1



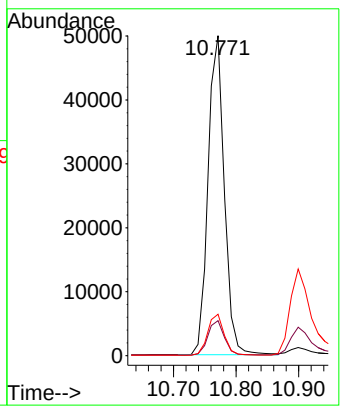


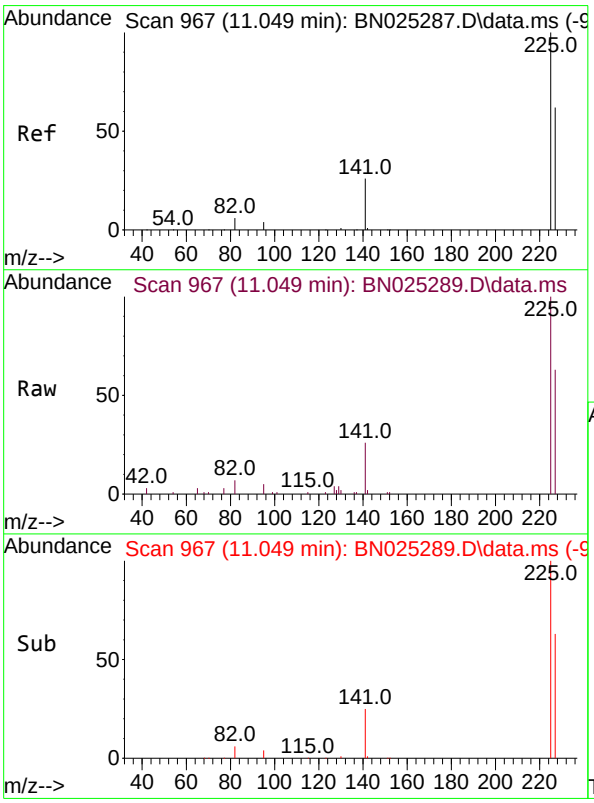
#9
Naphthalene
Concen: 1.760 ng
RT: 10.771 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 90000

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.0	11.0	16.6

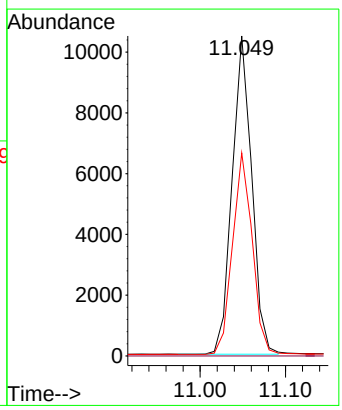


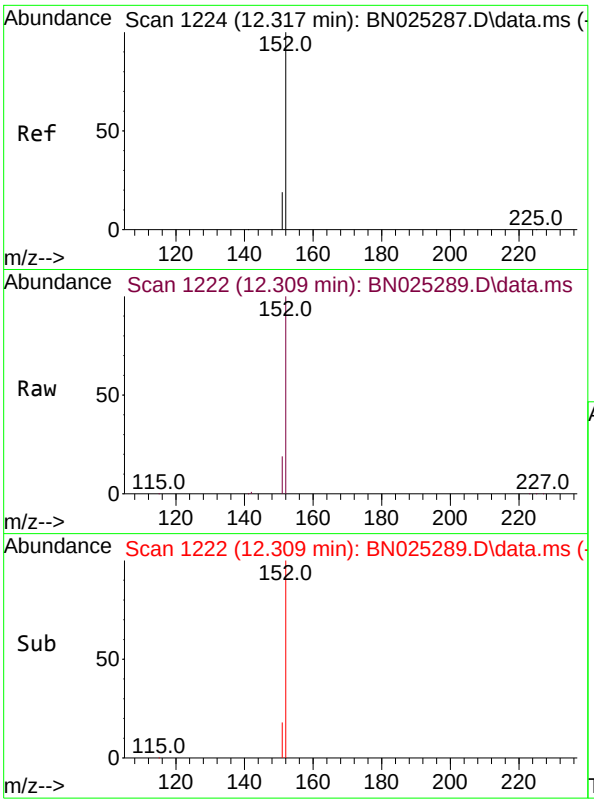


#10
Hexachlorobutadiene
Concen: 1.715 ng
RT: 11.049 min Scan# 967
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:225 Resp: 16703

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	49.8	74.8



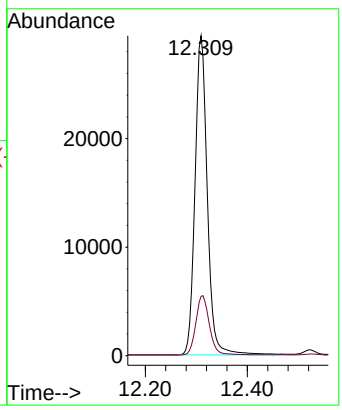


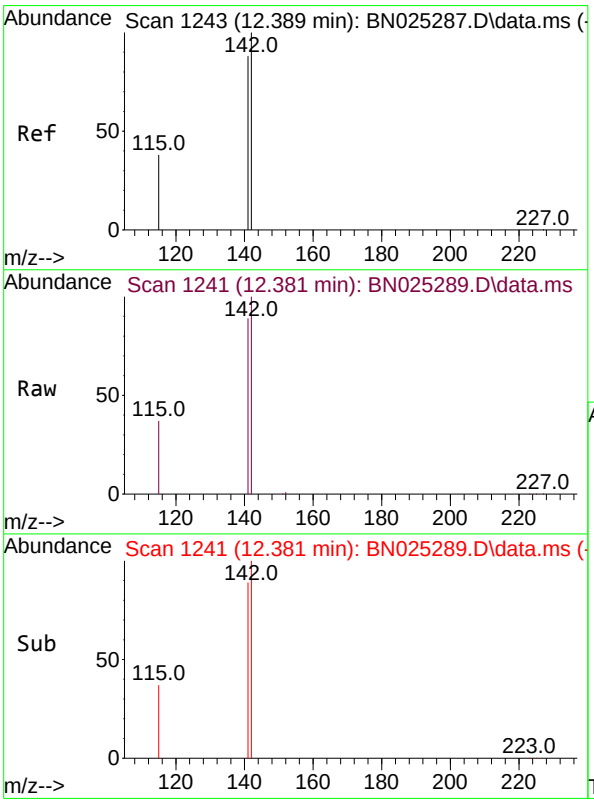
#11
2-Methylnaphthalene-d10
Concen: 1.878 ng
RT: 12.309 min Scan# 1
Delta R.T. -0.008 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 49378

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

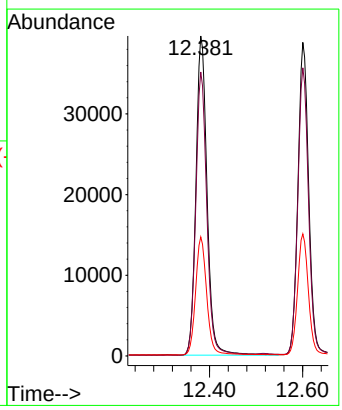


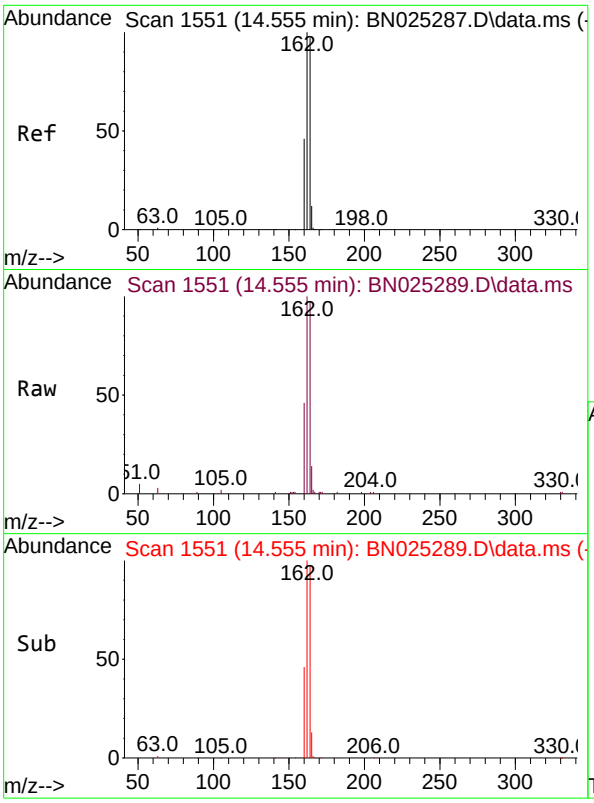


#12
2-Methylnaphthalene
Concen: 1.845 ng
RT: 12.381 min Scan# 1241
Delta R.T. -0.008 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:142 Resp: 65583

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.5	105.7
115	37.2	31.6	47.4



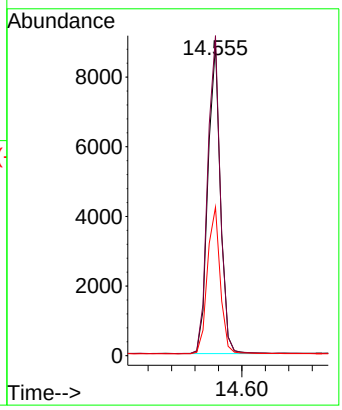


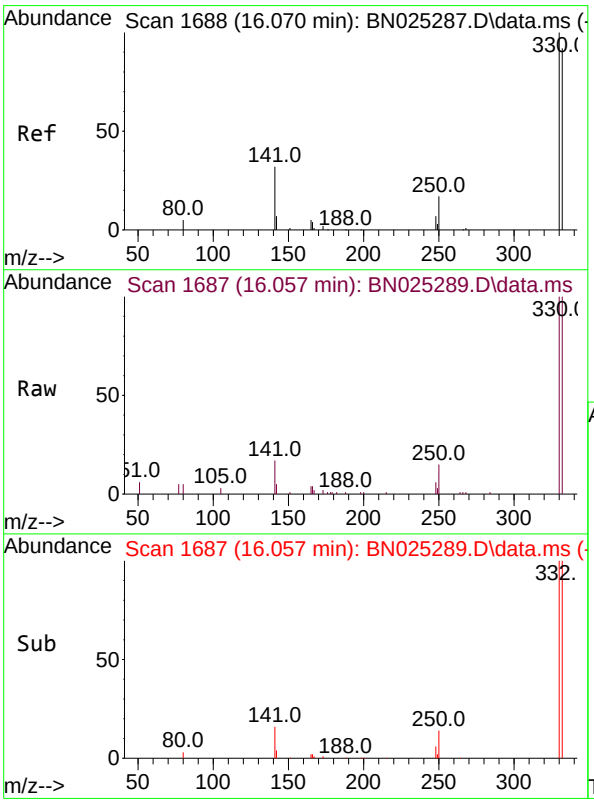
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 13125

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.1	123.1
160	47.8	38.3	57.5

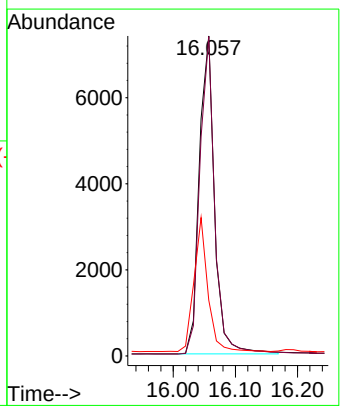


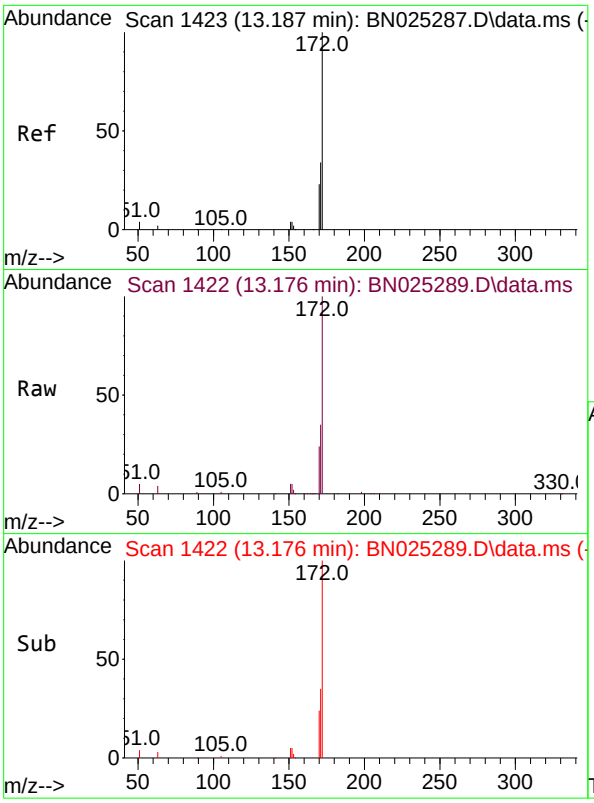


#14
2,4,6-Tribromophenol
Concen: 2.144 ng
RT: 16.057 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:330 Resp: 12651

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.0
141	37.9	28.9	43.3



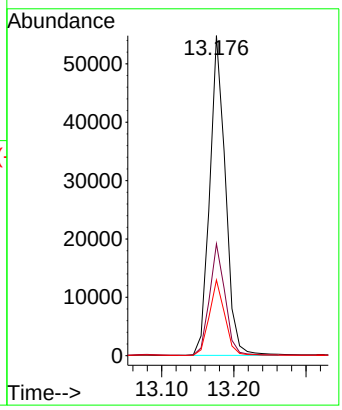


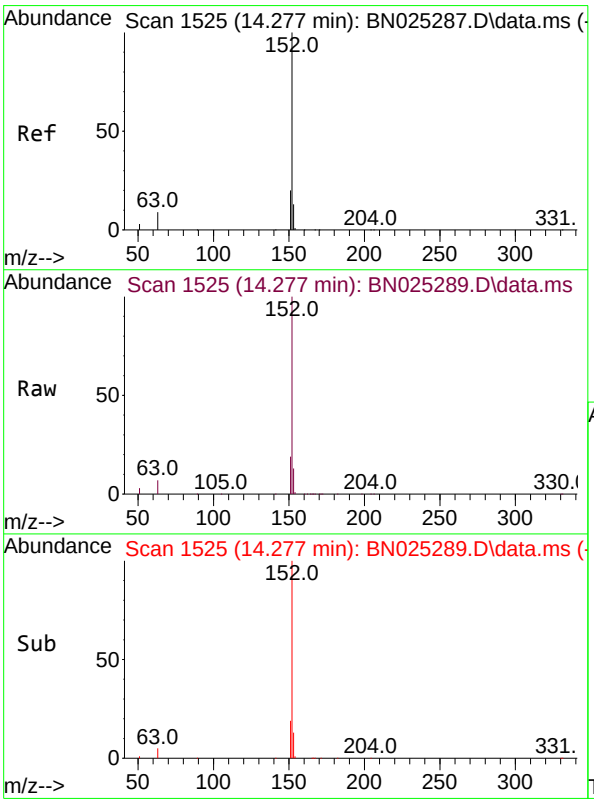
#15
2-Fluorobiphenyl
Concen: 1.655 ng
RT: 13.176 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 82965

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.7	19.0	28.4

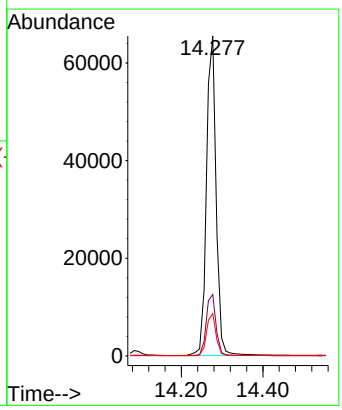


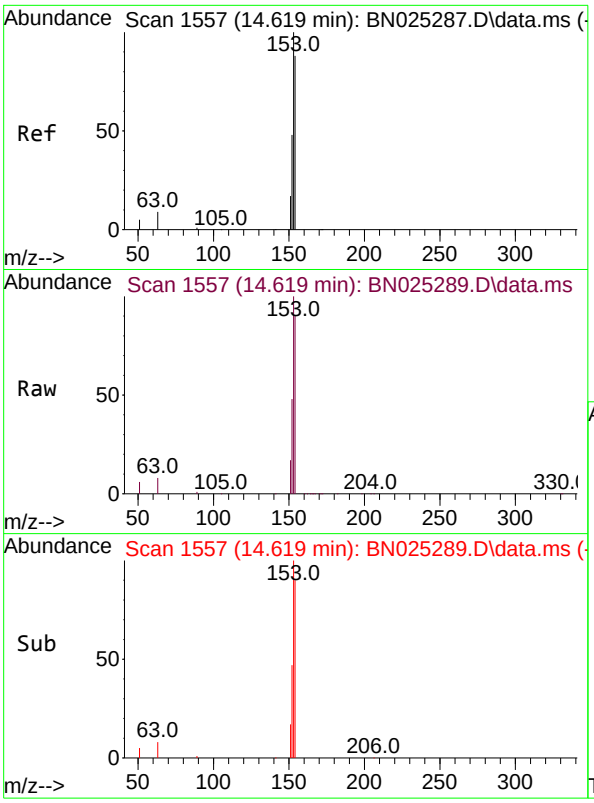


#16
Acenaphthylene
Concen: 1.952 ng
RT: 14.277 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:152 Resp: 107710

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.1	24.1
153	13.1	10.3	15.5



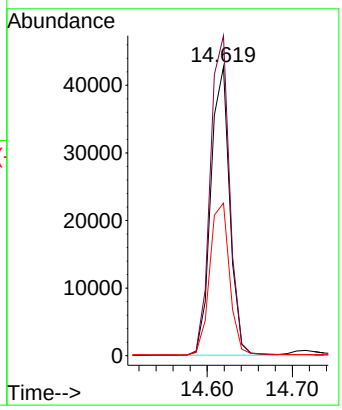


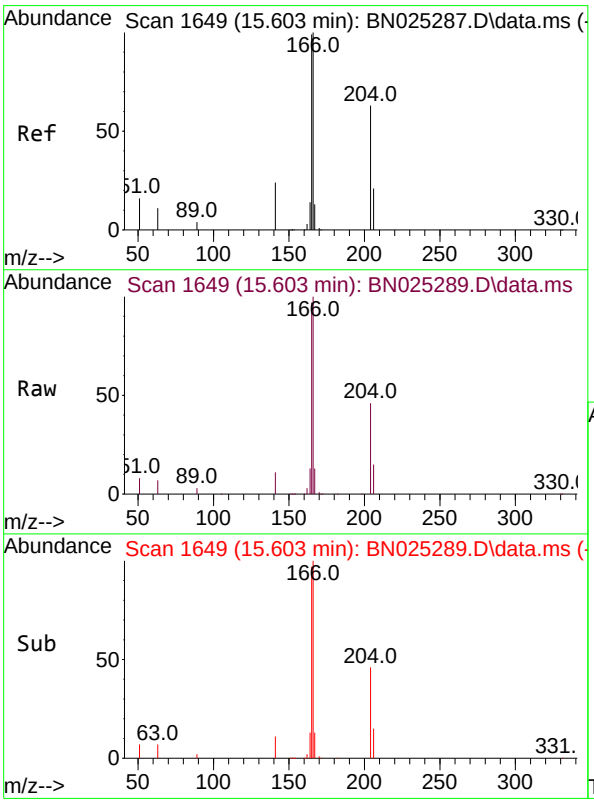
#17
Acenaphthene
Concen: 1.760 ng
RT: 14.619 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 65685

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.3	136.9
152	55.5	44.7	67.1

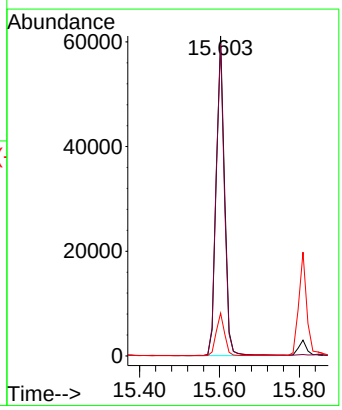


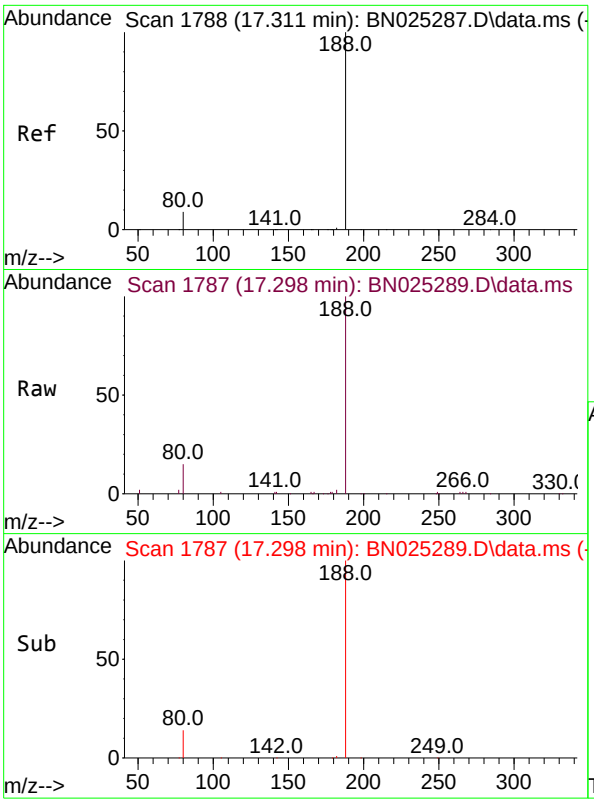


#18
Fluorene
Concen: 1.752 ng
RT: 15.603 min Scan# 1649
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:166 Resp: 89766

Ion	Ratio	Lower	Upper
166	100		
165	98.5	79.0	118.4
167	13.1	10.3	15.5



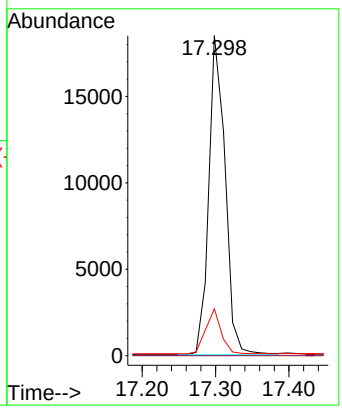


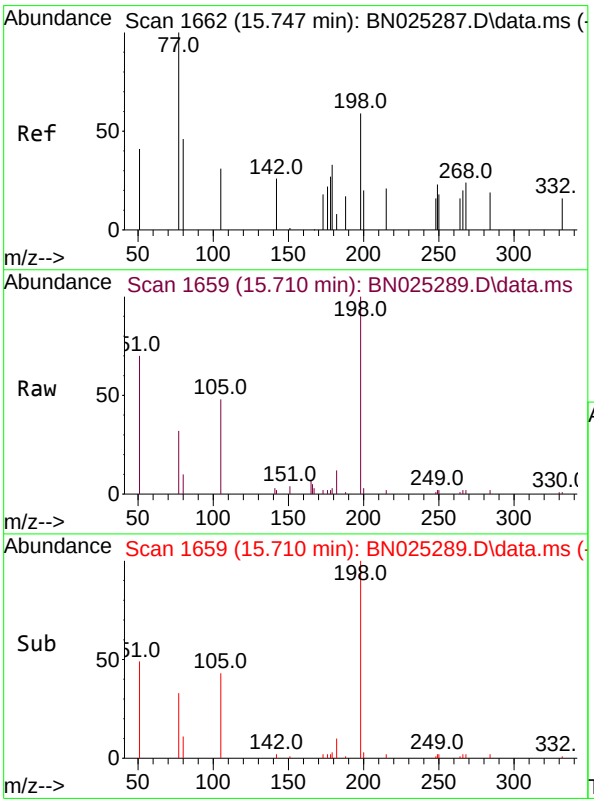
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 28580

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.6	8.0	12.0#

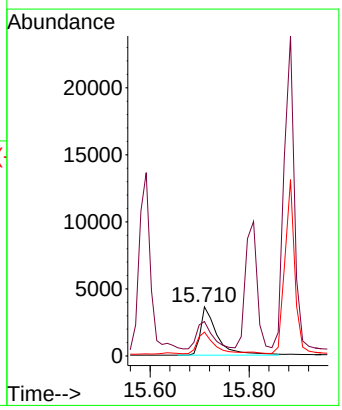


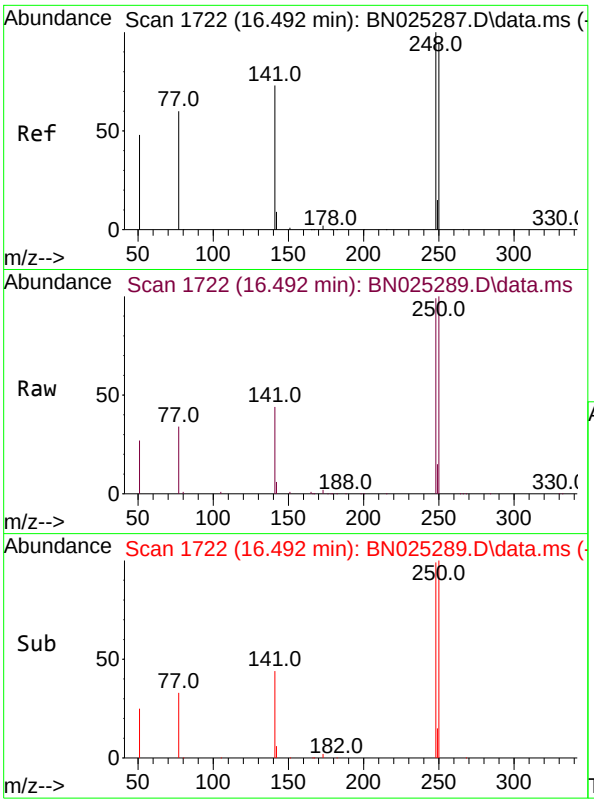


#20
4,6-Dinitro-2-methylphenol
Concen: 2.205 ng
RT: 15.710 min Scan# 1659
Delta R.T. -0.037 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:198 Resp: 8387

Ion	Ratio	Lower	Upper
198	100		
51	70.2	162.1	243.1#
105	48.5	83.1	124.7#



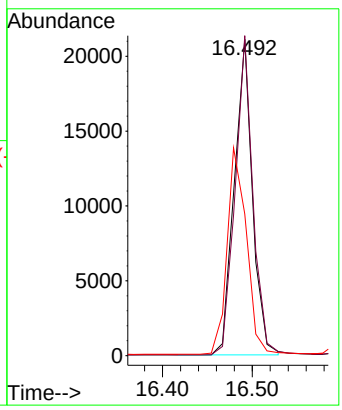


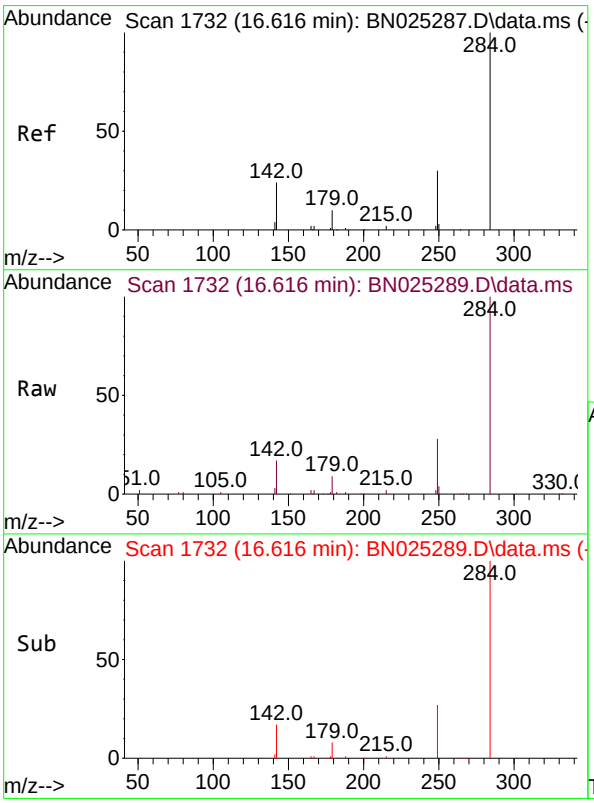
#21
4-Bromophenyl-phenylether
Concen: 1.759 ng
RT: 16.492 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 29615

Ion	Ratio	Lower	Upper
248	100		
250	101.1	76.0	114.0
141	44.8	59.9	89.9#

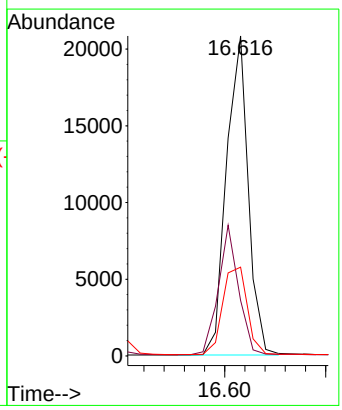


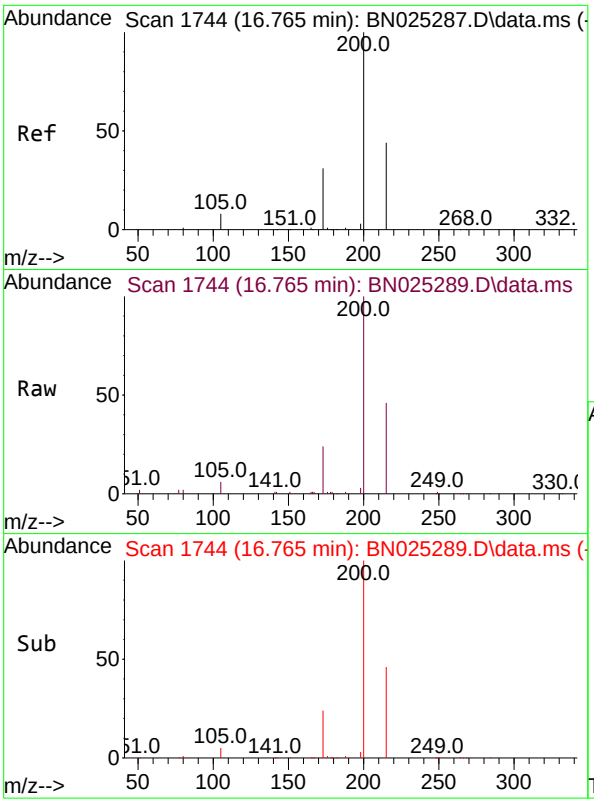


#22
Hexachlorobenzene
Concen: 1.635 ng
RT: 16.616 min Scan# 1732
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:284 Resp: 31194

Ion	Ratio	Lower	Upper
284	100		
142	37.5	30.0	45.0
249	31.0	25.0	37.6



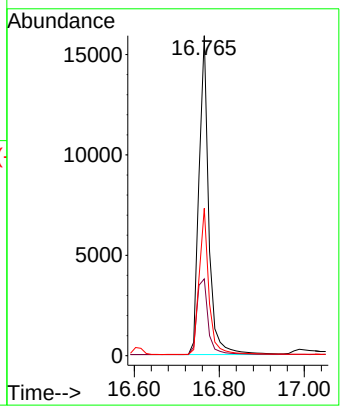


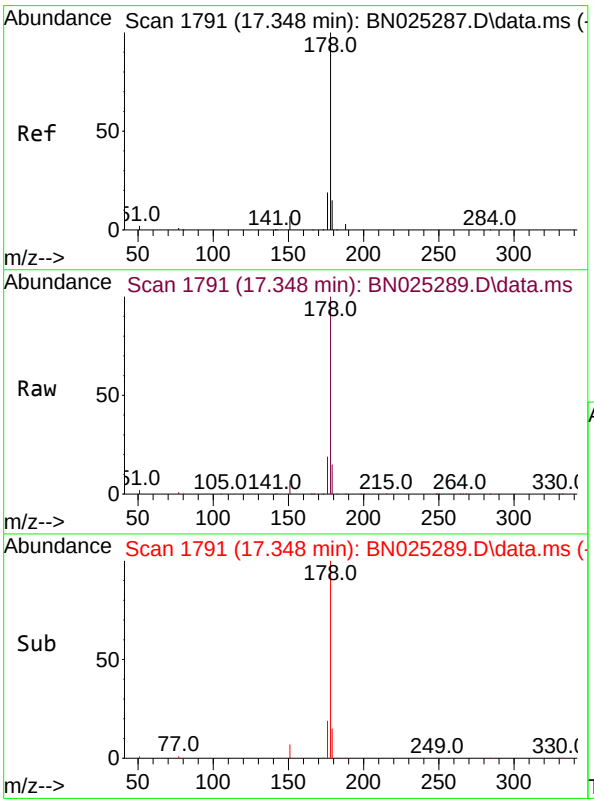
#23
Atrazine
Concen: 2.200 ng
RT: 16.765 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 25250

Ion	Ratio	Lower	Upper
200	100		
173	24.0	26.3	39.5#
215	46.1	37.2	55.8

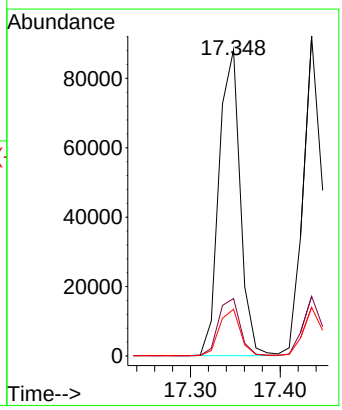


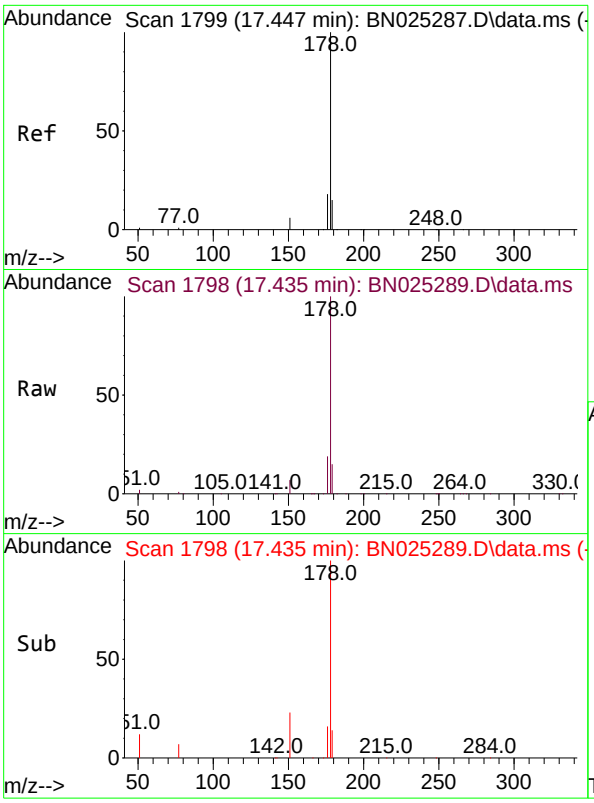


#25
Phenanthrene
Concen: 1.745 ng
RT: 17.348 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:178 Resp: 144797

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.1	12.4	18.6



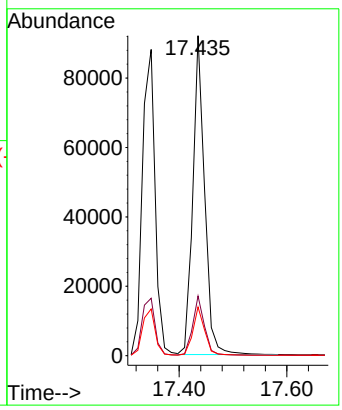


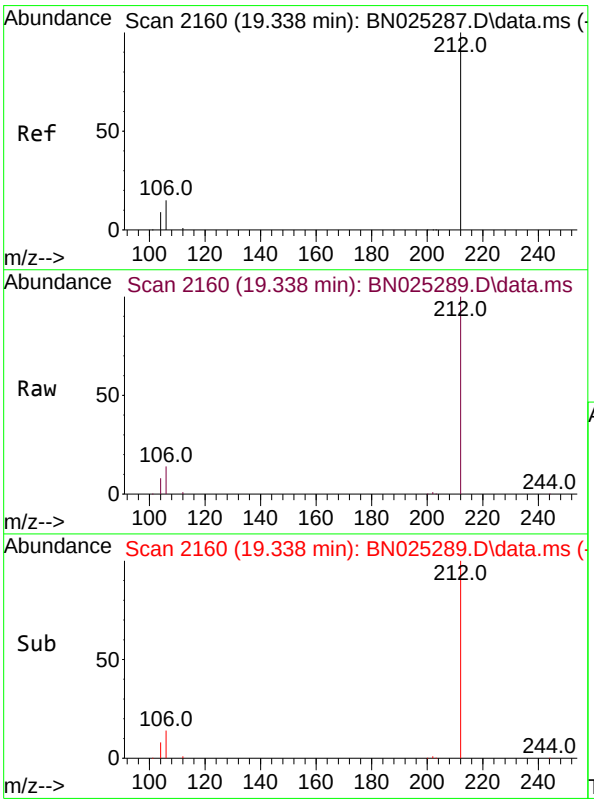
#26
Anthracene
Concen: 1.936 ng
RT: 17.435 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 140081

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.9	22.3
179	15.1	12.0	18.0

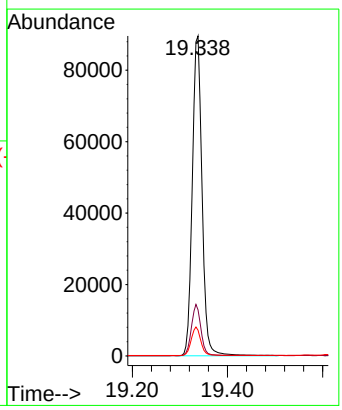


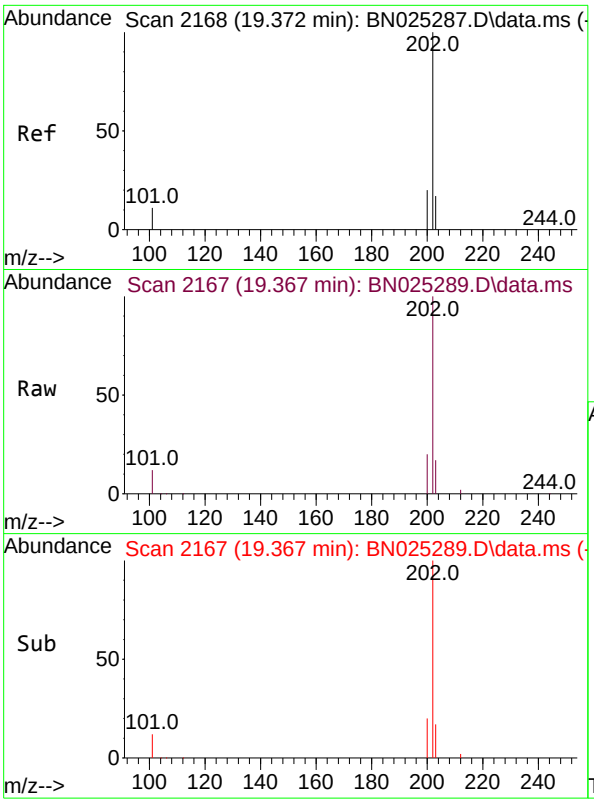


#27
Fluoranthene-d10
Concen: 1.962 ng
RT: 19.338 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:212 Resp: 127168

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.7	7.0	10.6



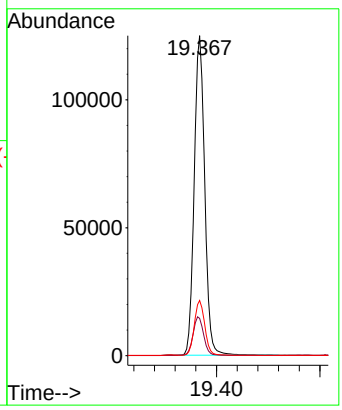


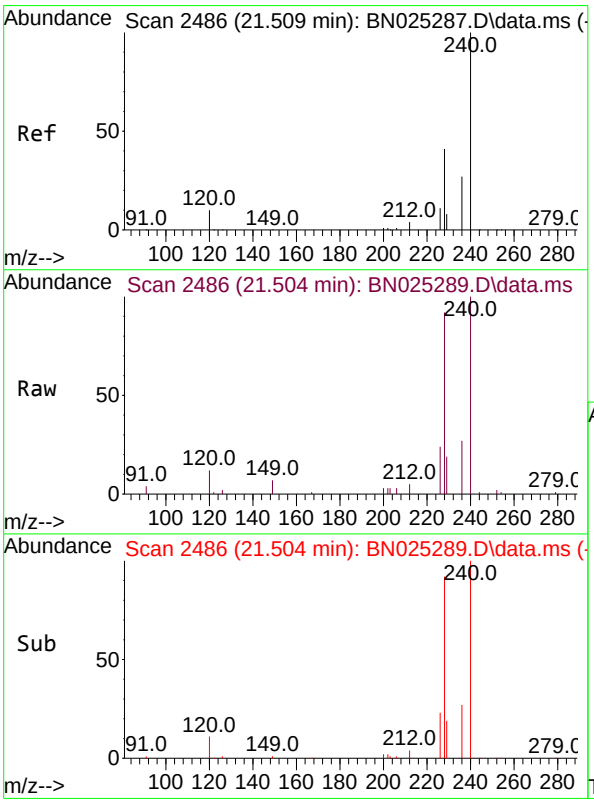
#28
Fluoranthene
Concen: 1.873 ng
RT: 19.367 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 176442

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
203	17.1	13.5	20.3

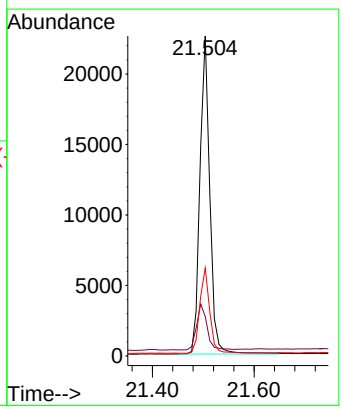


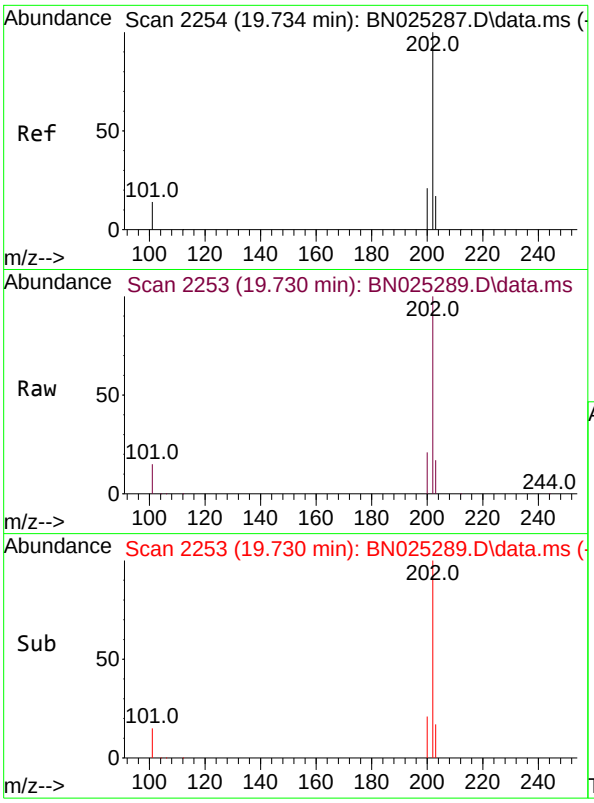


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.504 min Scan# 2486
Delta R.T. -0.005 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:240 Resp: 30349

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.3	15.5
236	27.5	22.3	33.5



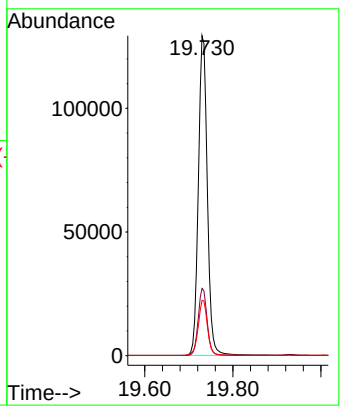


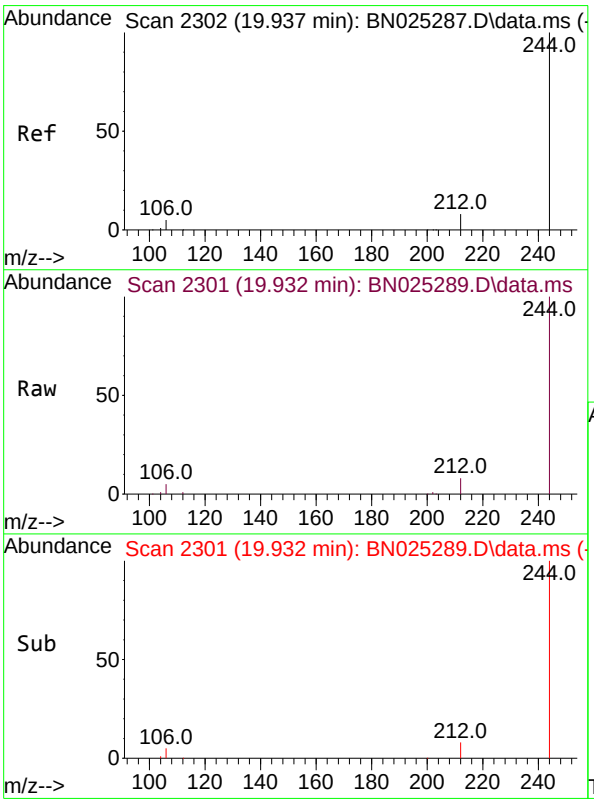
#30
Pyrene
Concen: 1.697 ng
RT: 19.730 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:202 Resp: 183061

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.9	14.4	21.6

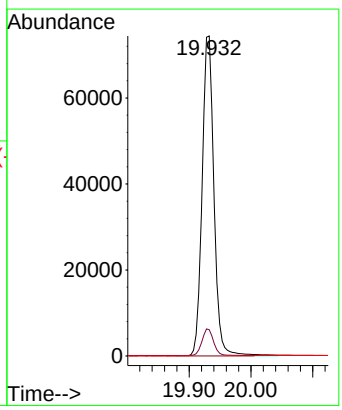


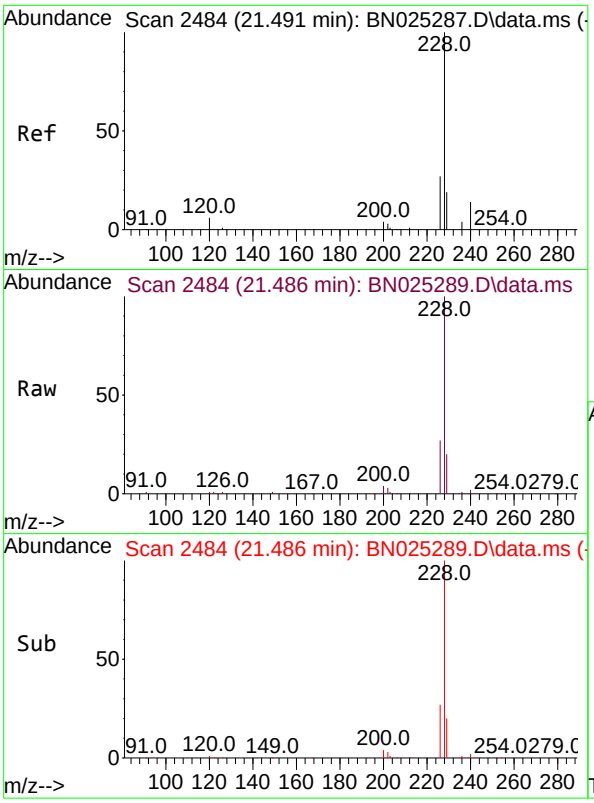


#31
Terphenyl-d14
Concen: 1.616 ng
RT: 19.932 min Scan# 2301
Delta R.T. -0.004 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:244 Resp: 111213

Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.1	10.7
122	0.0	0.0	0.0



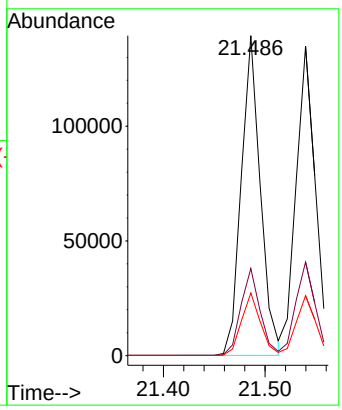


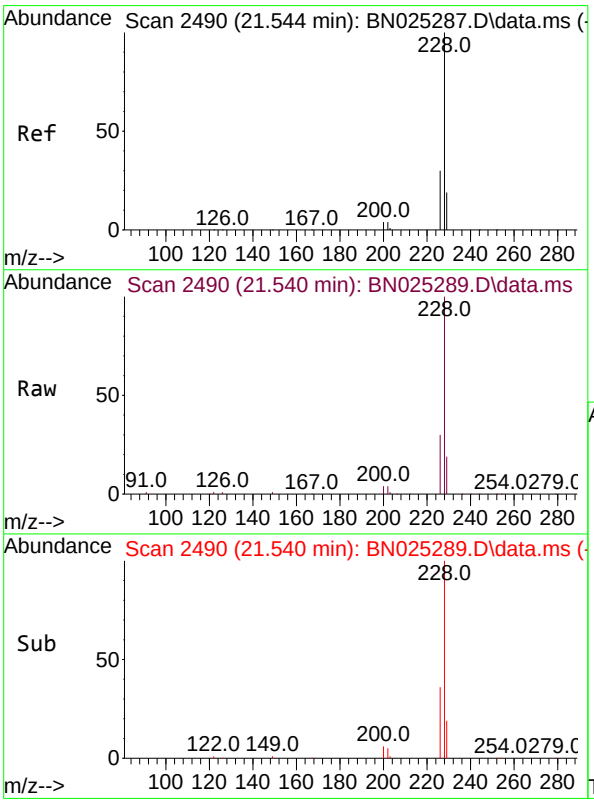
#32
Benzo(a)anthracene
Concen: 1.771 ng
RT: 21.486 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 181718

Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.5	33.7
229	19.6	16.2	24.2

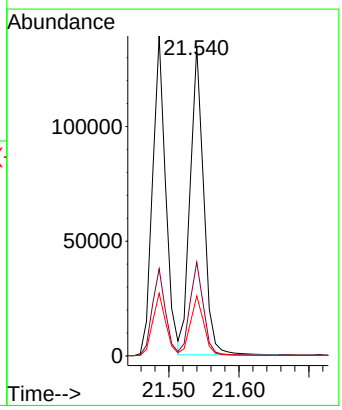


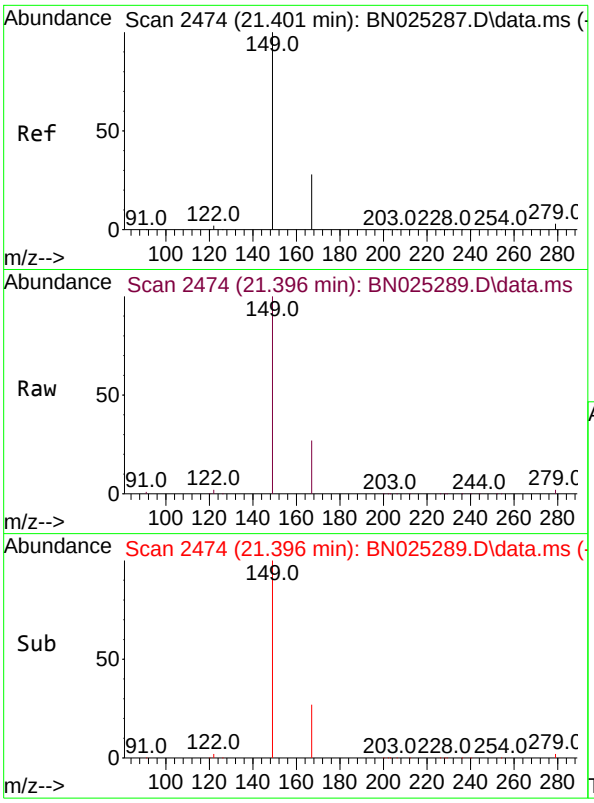


#33
Chrysene
Concen: 1.677 ng
RT: 21.540 min Scan# 2490
Delta R.T. -0.005 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:228 Resp: 180301

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	36.8
229	19.4	16.2	24.4



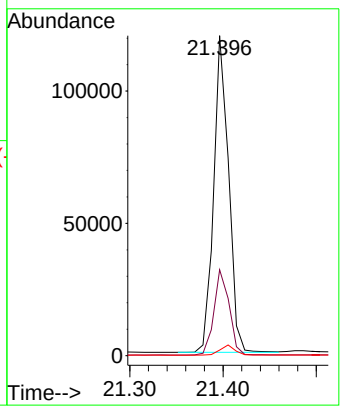


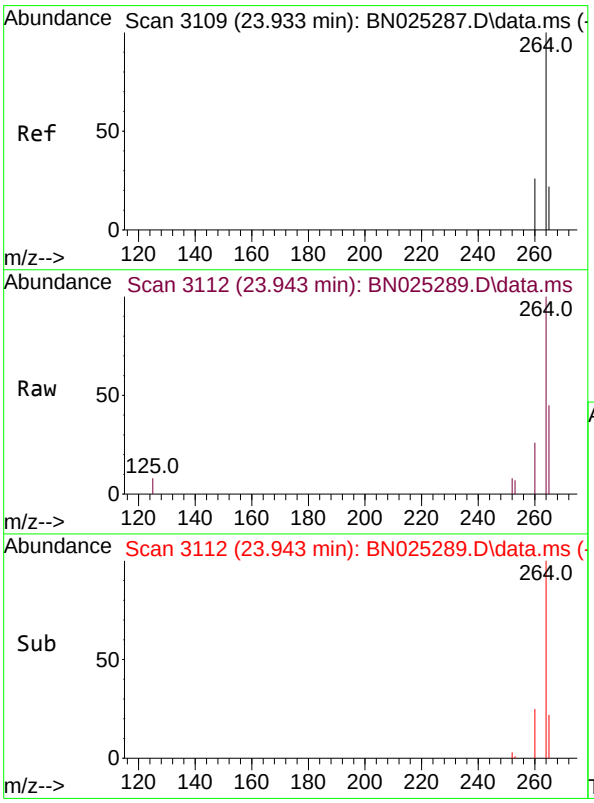
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.405 ng
RT: 21.396 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:149 Resp: 132597

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	3.1	2.6	4.0

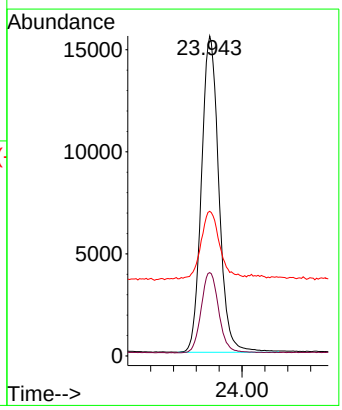


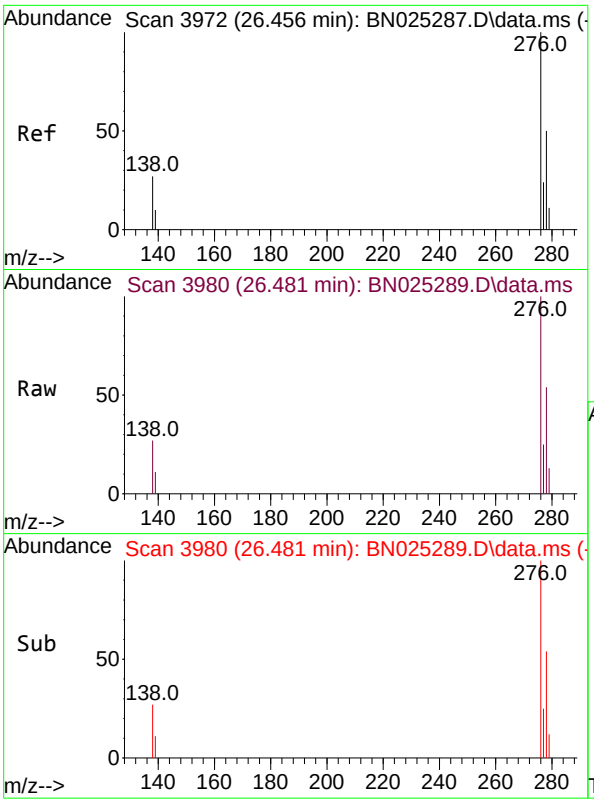


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.943 min Scan# 3112
Delta R.T. 0.010 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:264 Resp: 32771

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.5	32.3
265	45.2	46.2	69.4#



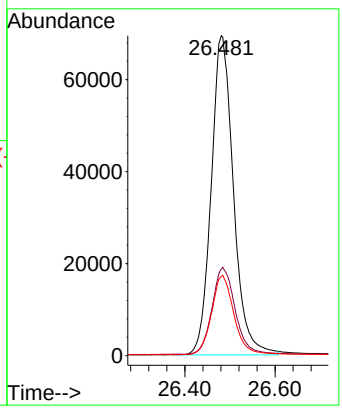


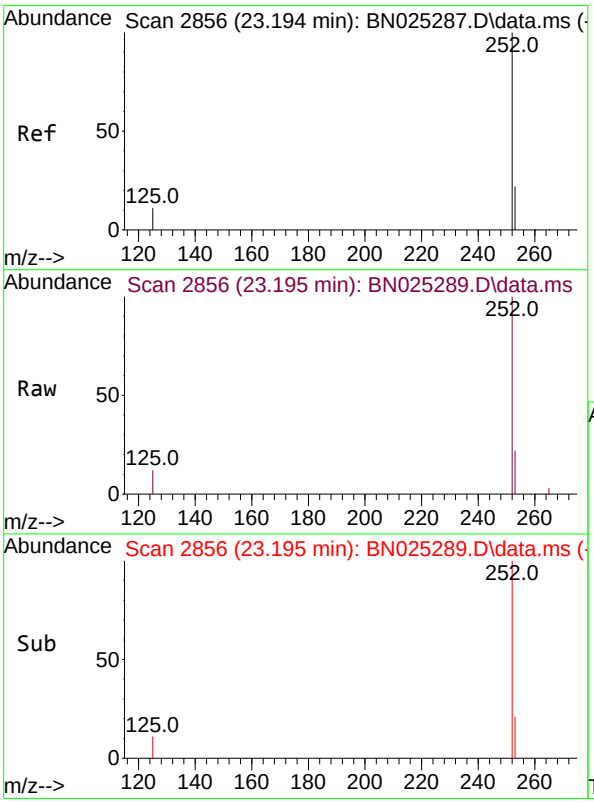
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.652 ng
RT: 26.481 min Scan# 3
Delta R.T. 0.025 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 237378

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.5	33.7
277	24.8	19.8	29.6

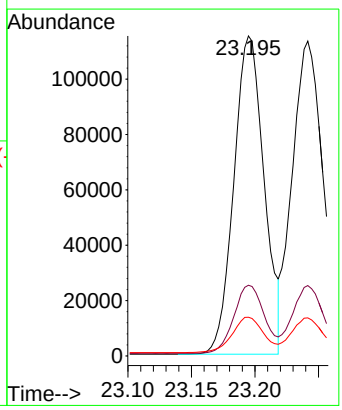


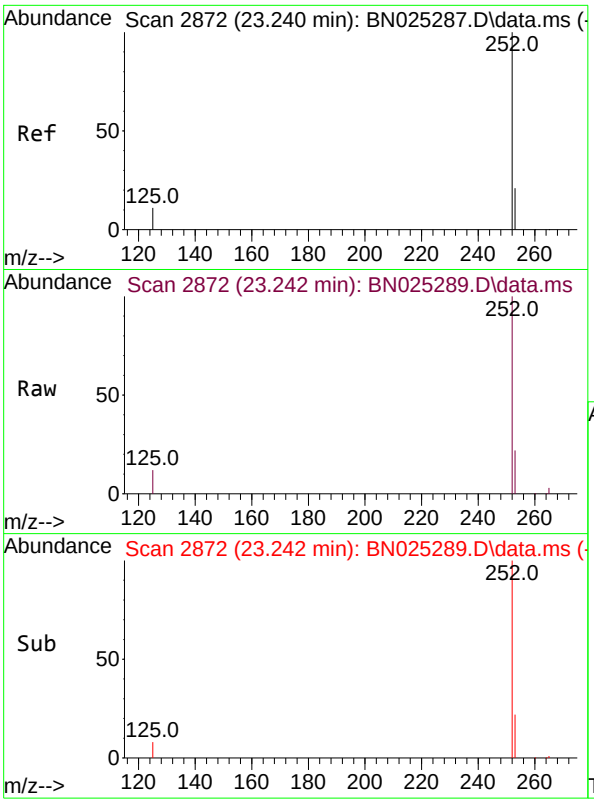


#37
Benzo(b)fluoranthene
Concen: 1.531 ng
RT: 23.195 min Scan# 2856
Delta R.T. 0.001 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:252 Resp: 190299

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.8	31.2
125	12.1	13.4	20.2#



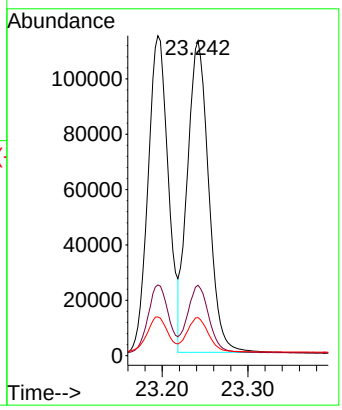


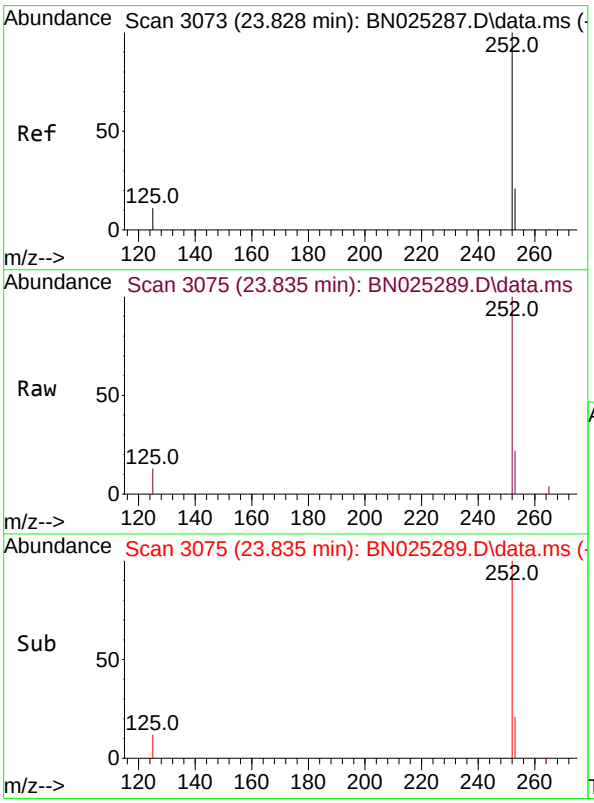
#38
Benzo(k)fluoranthene
Concen: 1.580 ng
RT: 23.242 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 194624

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.6	30.8
125	12.1	13.1	19.7#

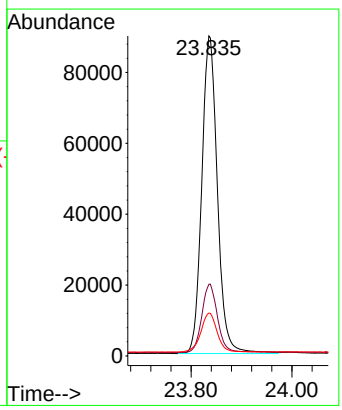


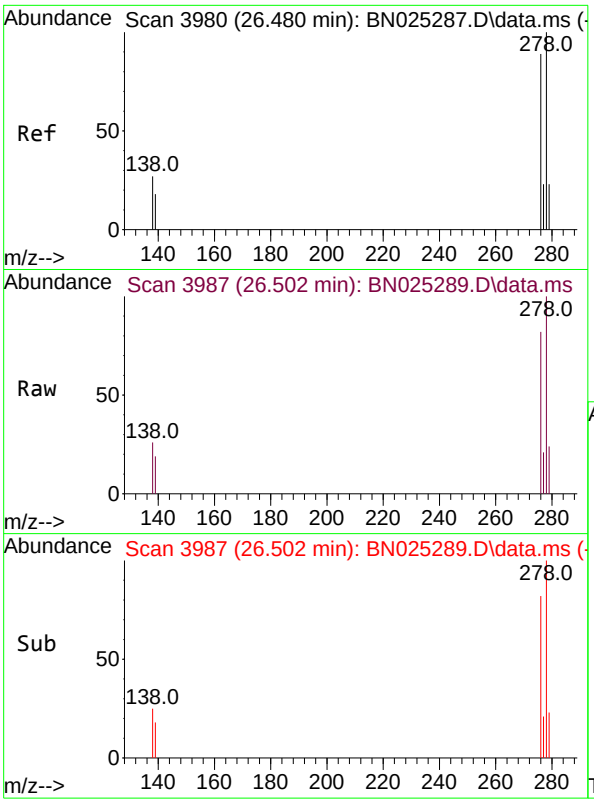


#39
Benzo(a)pyrene
Concen: 1.621 ng
RT: 23.835 min Scan# 3075
Delta R.T. 0.007 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:252 Resp: 192625

Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.4	32.0
125	13.4	15.4	23.2#



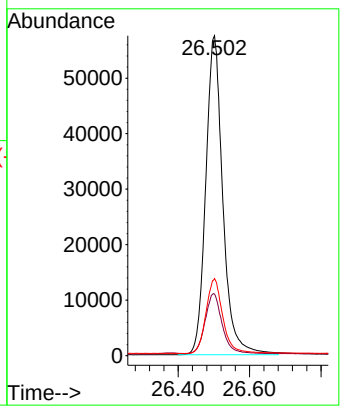


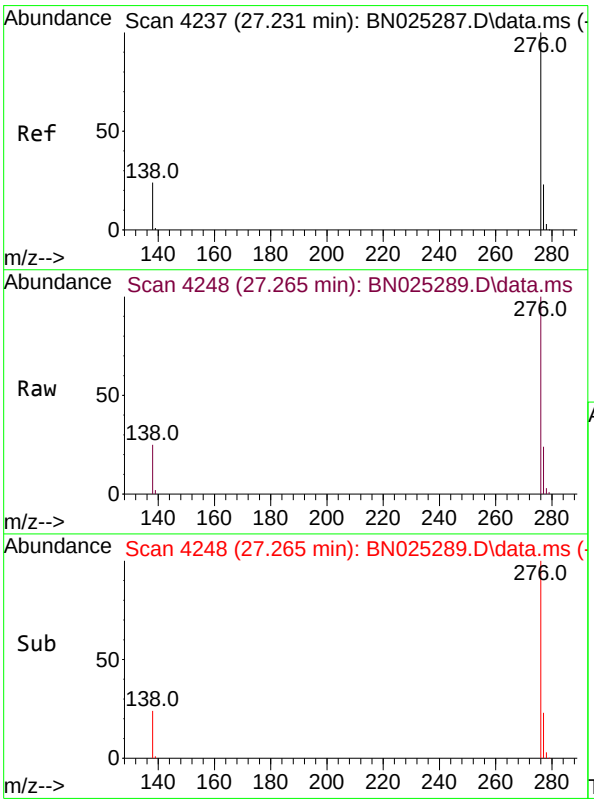
#40
Dibenzo(a,h)anthracene
Concen: 1.690 ng
RT: 26.502 min Scan# 3
Delta R.T. 0.022 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:278 Resp: 191136

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.6	26.4
279	24.1	21.6	32.4





#41
Benzo(g,h,i)perylene
Concen: 1.657 ng
RT: 27.265 min Scan# 4248
Delta R.T. 0.033 min
Lab File: BN025289.D
Acq: 05 May 2023 21:25

Tgt Ion:276 Resp: 203006

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.1	30.1
138	24.8	21.0	31.6