Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025593.D
Acq On : 25 May 2023 19:23
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 26 00:04:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:02:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	5100	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	13762	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	7366	0.400	ng		0.00
19) Phenanthrene-d10	17.422	188	14479	0.400	ng		0.00
29) Chrysene-d12	21.602	240	9137	0.400	ng		0.00
35) Perylene-d12	24.101	264	9000	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.585	112	11262	0.858	ng		0.00
5) Phenol-d6	7.196	99	12530	0.758	ng		0.00
8) Nitrobenzene-d5	9.212	82	8712	0.688	ng		0.00
11) 2-Methylnaphthalene-d10	12.449	152	15648	0.775	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	486	0.158	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	25683	0.804	ng		0.00
27) Fluoranthene-d10	19.443	212	25698	0.749	ng		0.00
31) Terphenyl-d14	20.035	244	15153	0.801	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	5162	0.875	ng		99
3) n-Nitrosodimethylamine	3.765	42	5161	0.737	ng	#	95
6) bis(2-Chloroethyl)ether	7.463	93	12515	0.826	ng		89
9) Naphthalene	10.920	128	30781	0.807	ng		100
10) Hexachlorobutadiene	11.209	225	5485	0.824	ng	#	99
12) 2-Methylnaphthalene	12.521	142	20594	0.763	ng		100
16) Acenaphthylene	14.405	152	27744	0.768	ng		100
17) Acenaphthene	14.737	154	18589	0.745	ng		99
18) Fluorene	15.722	166	22984	0.738	ng		97
20) 4,6-Dinitro-2-methylph...	15.821	198	683	0.178	ng	#	57
21) 4-Bromophenyl-phenylether	16.616	248	6985	0.814	ng		97
22) Hexachlorobenzene	16.727	284	6463	0.845	ng		99
23) Atrazine	16.876	200	4893	0.648	ng		97
24) Pentachlorophenol	17.211	266	37	0.009	ng	#	51
25) Phenanthrene	17.460	178	36183	0.777	ng		100
26) Anthracene	17.559	178	32312	0.764	ng		100
28) Fluoranthene	19.473	202	37185	0.723	ng		100
30) Pyrene	19.835	202	37605	0.911	ng		100
32) Benzo(a)anthracene	21.584	228	28090	0.777	ng		98
33) Chrysene	21.638	228	30751	0.820	ng		99
34) Bis(2-ethylhexyl)phtha...	21.495	149	17692	0.787	ng		100
36) Indeno(1,2,3-cd)pyrene	26.700	276	32193	0.783	ng		99
37) Benzo(b)fluoranthene	23.329	252	27914	0.770	ng		93
38) Benzo(k)fluoranthene	23.382	252	28377	0.770	ng		94
39) Benzo(a)pyrene	23.987	252	26665	0.800	ng		91
40) Dibenzo(a,h)anthracene	26.721	278	25249	0.756	ng		93
41) Benzo(g,h,i)perylene	27.507	276	28542	0.813	ng		97

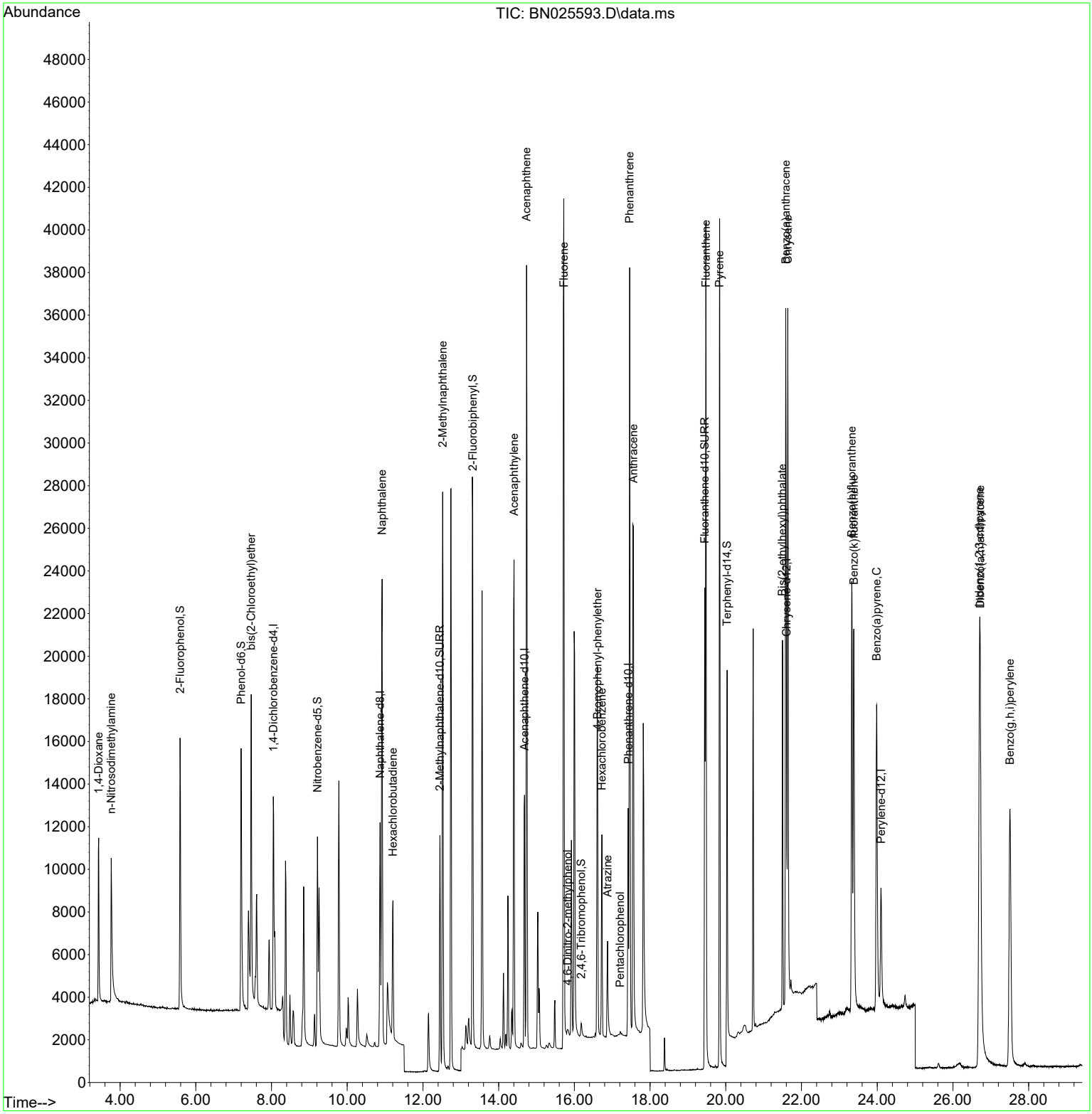
(#) = qualifier out of range (m) = manual integration (+) = signals summed

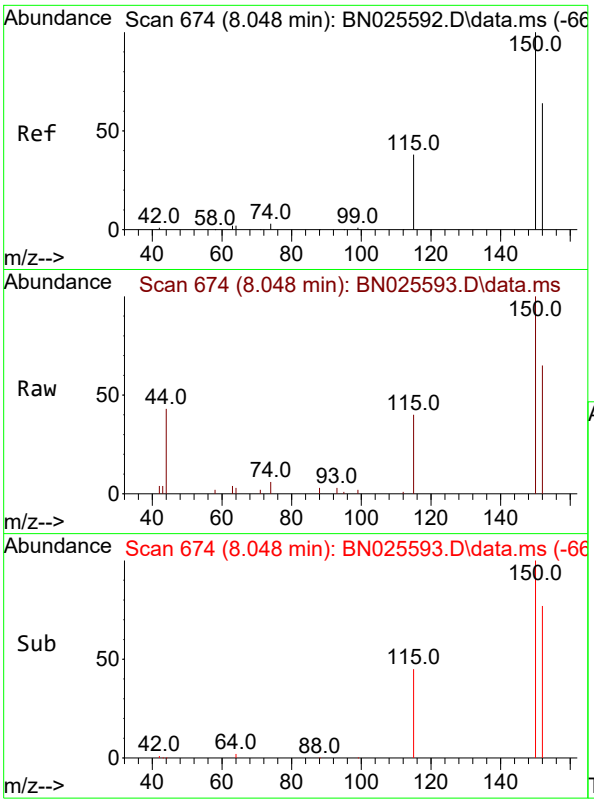
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025593.D
Acq On : 25 May 2023 19:23
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 26 00:04:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:02:08 2023
Response via : Initial Calibration



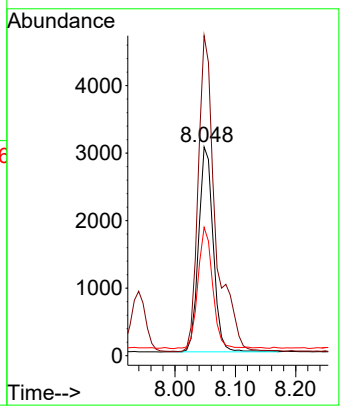


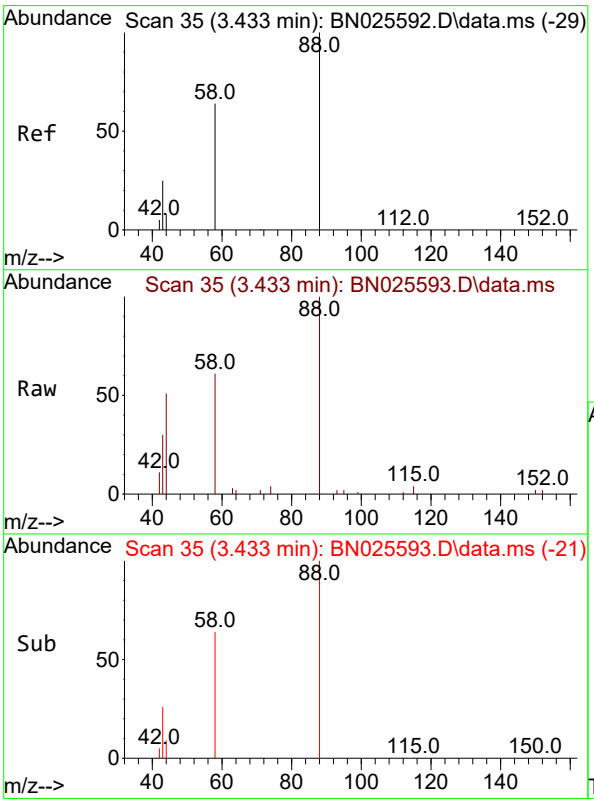
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.048 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 5100

Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.6	187.0
115	61.5	49.2	73.8

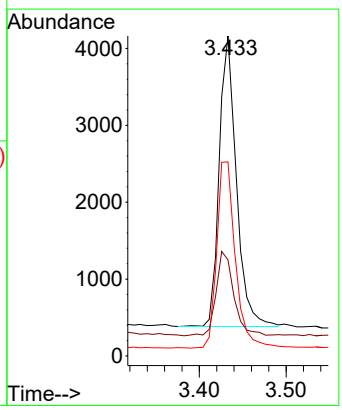


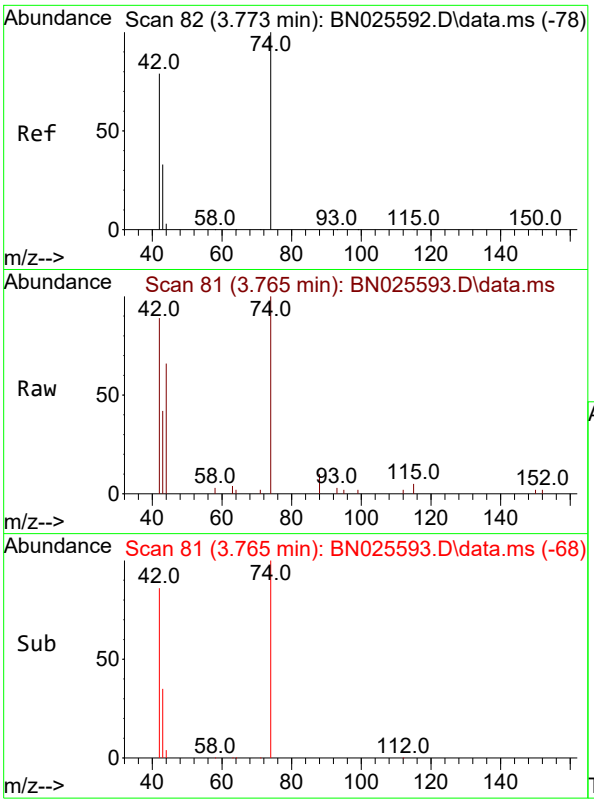


#2
1,4-Dioxane
Concen: 0.875 ng
RT: 3.433 min Scan# 35
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion: 88 Resp: 5162

Ion	Ratio	Lower	Upper
88	100		
43	30.0	23.5	35.3
58	69.8	56.7	85.1



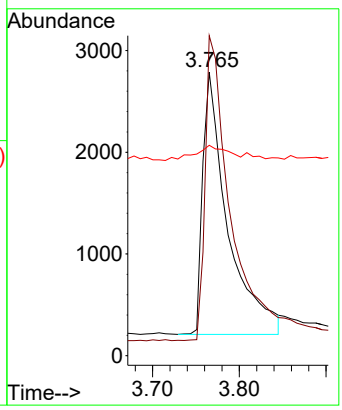


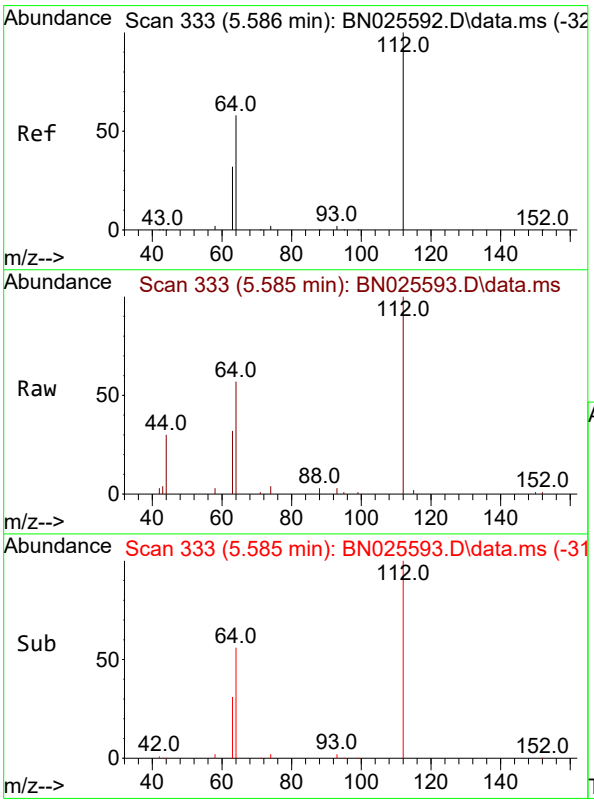
#3
n-Nitrosodimethylamine
Concen: 0.737 ng
RT: 3.765 min Scan# 8
Delta R.T. -0.007 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 5161

Ion	Ratio	Lower	Upper
42	100		
74	117.2	97.6	146.4
44	7.3	8.3	12.5#

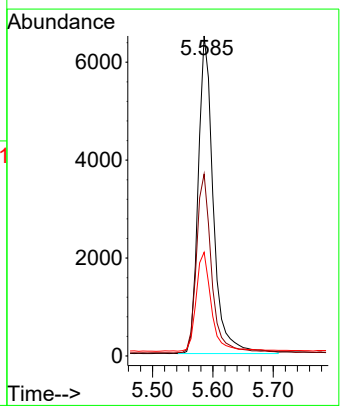


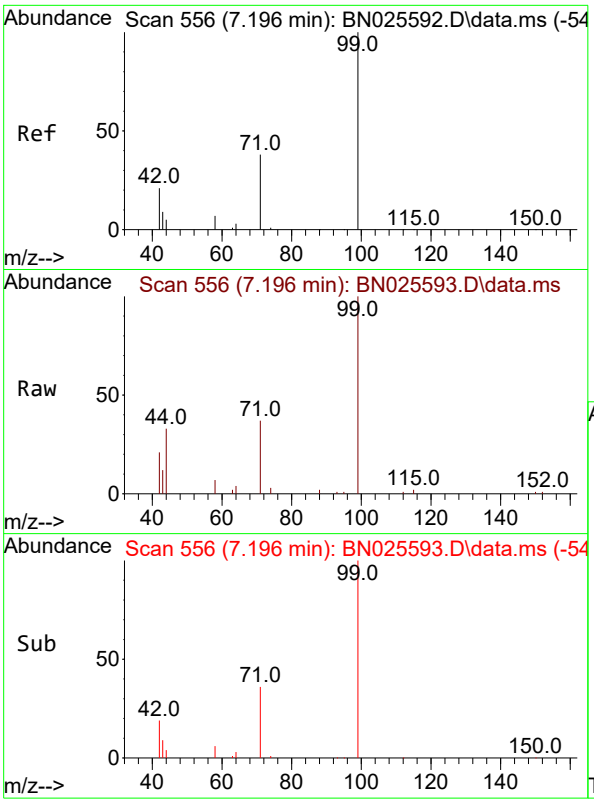


#4
2-Fluorophenol
Concen: 0.858 ng
RT: 5.585 min Scan# 333
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:112 Resp: 11262

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.3	67.9
63	31.5	25.1	37.7



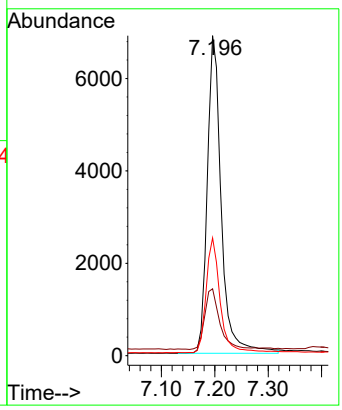


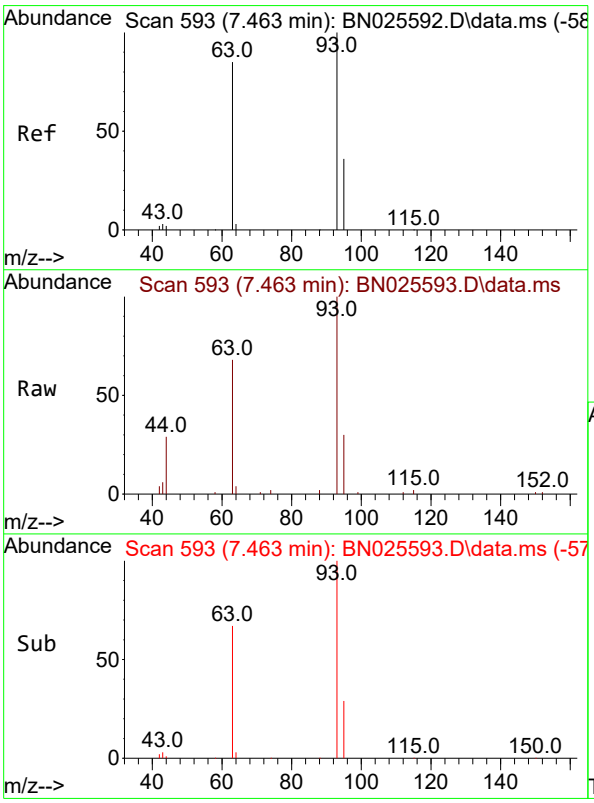
#5
Phenol-d6
Concen: 0.758 ng
RT: 7.196 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 12530

Ion	Ratio	Lower	Upper
99	100		
42	20.8	16.9	25.3
71	36.2	29.6	44.4

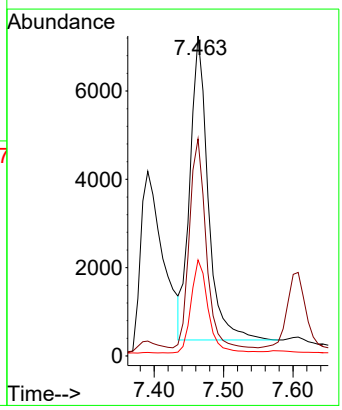


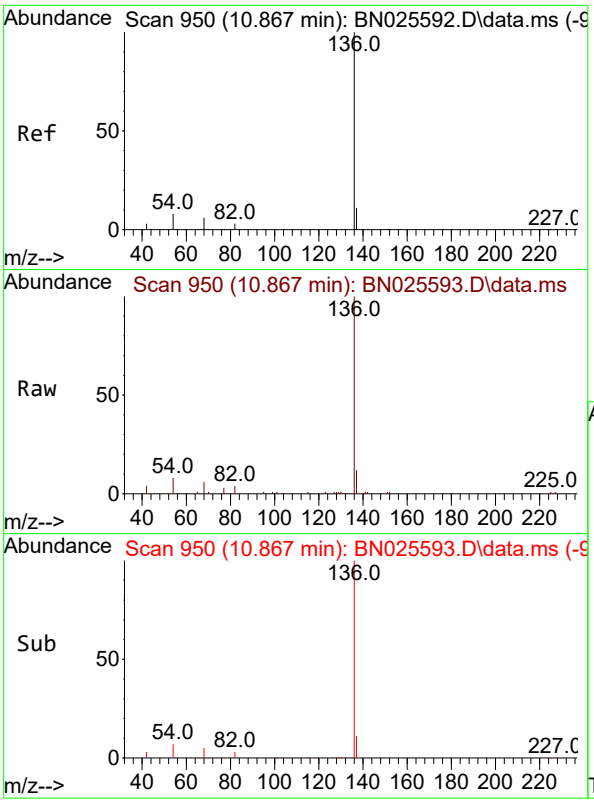


#6
bis(2-Chloroethyl)ether
Concen: 0.826 ng
RT: 7.463 min Scan# 593
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion: 93 Resp: 12515

Ion	Ratio	Lower	Upper
93	100		
63	62.5	43.4	65.2
95	28.7	19.5	29.3



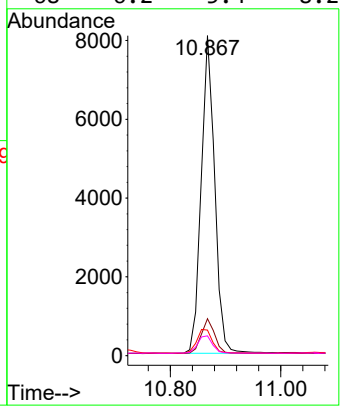


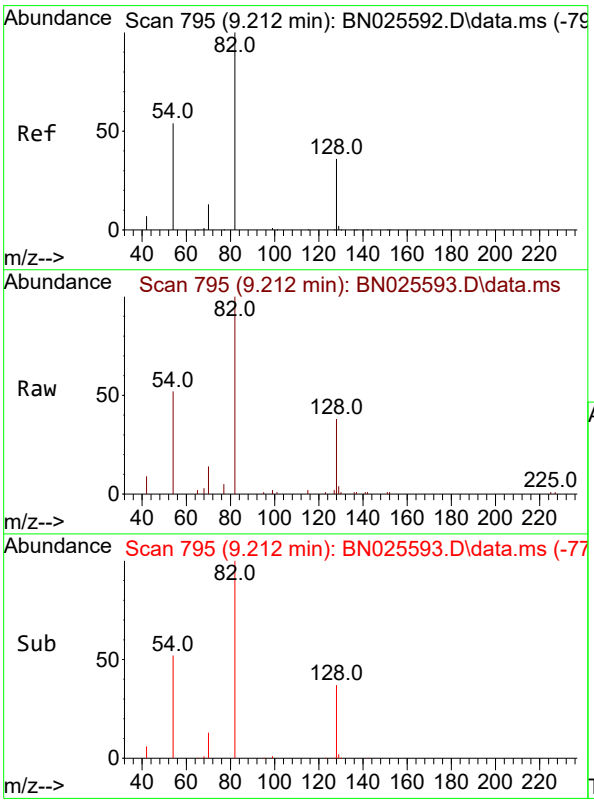
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.867 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 13762

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.0	6.8	10.2
68	6.2	5.4	8.2

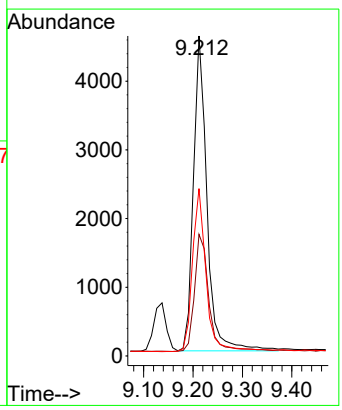


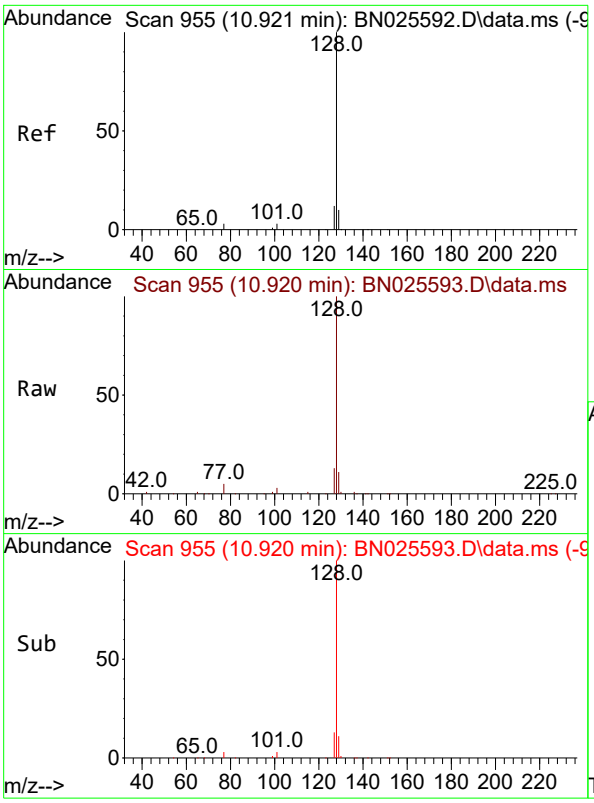


#8
Nitrobenzene-d5
Concen: 0.688 ng
RT: 9.212 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion: 82 Resp: 8712

Ion	Ratio	Lower	Upper
82	100		
128	38.0	30.5	45.7
54	52.3	44.1	66.1



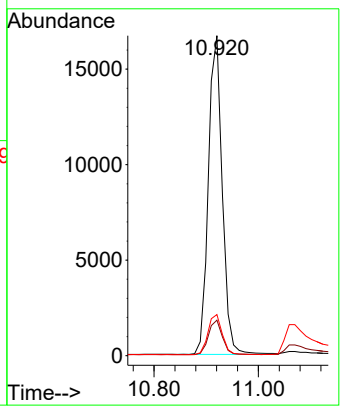


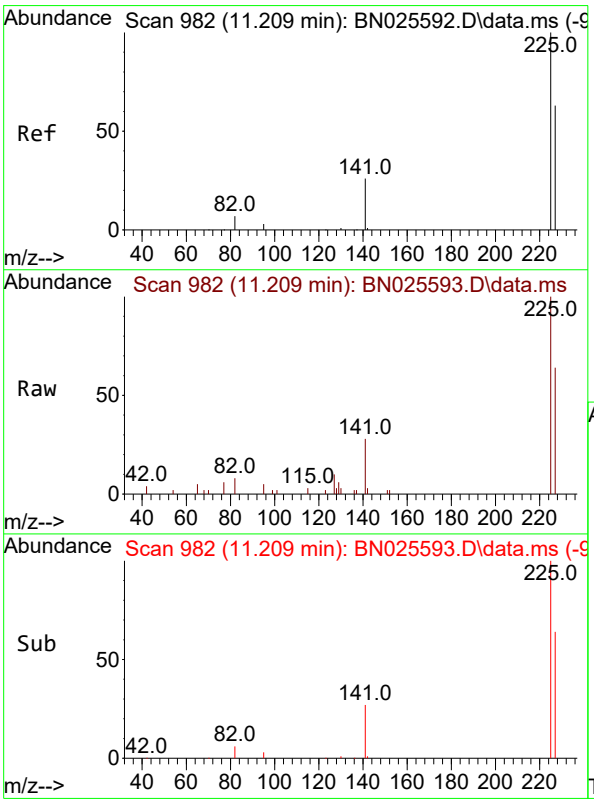
#9
Naphthalene
Concen: 0.807 ng
RT: 10.920 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 30781

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.3	15.5

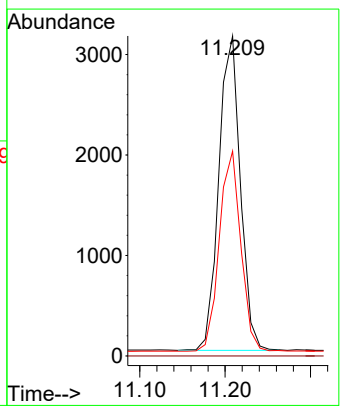


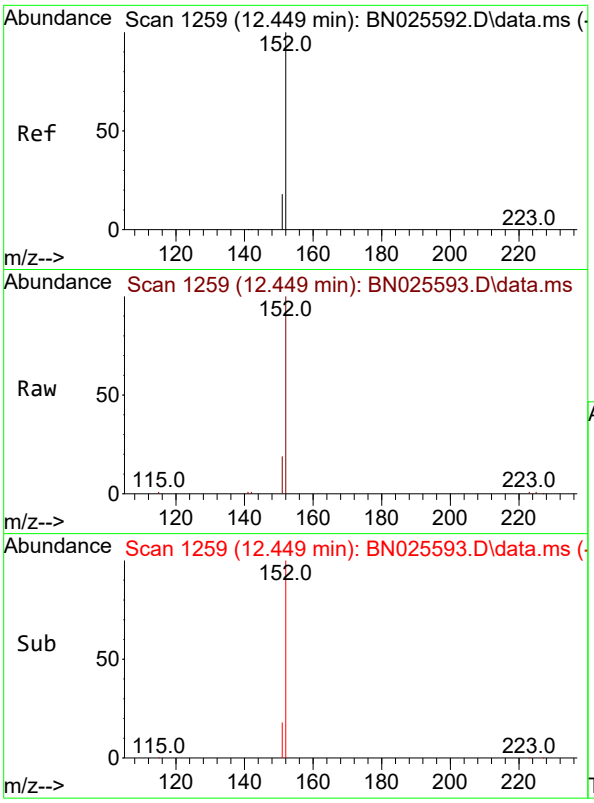


#10
Hexachlorobutadiene
Concen: 0.824 ng
RT: 11.209 min Scan# 982
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:225 Resp: 5485

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.2	50.0	75.0



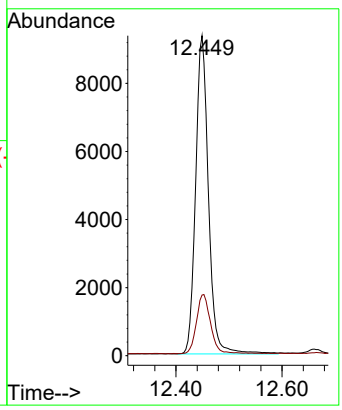


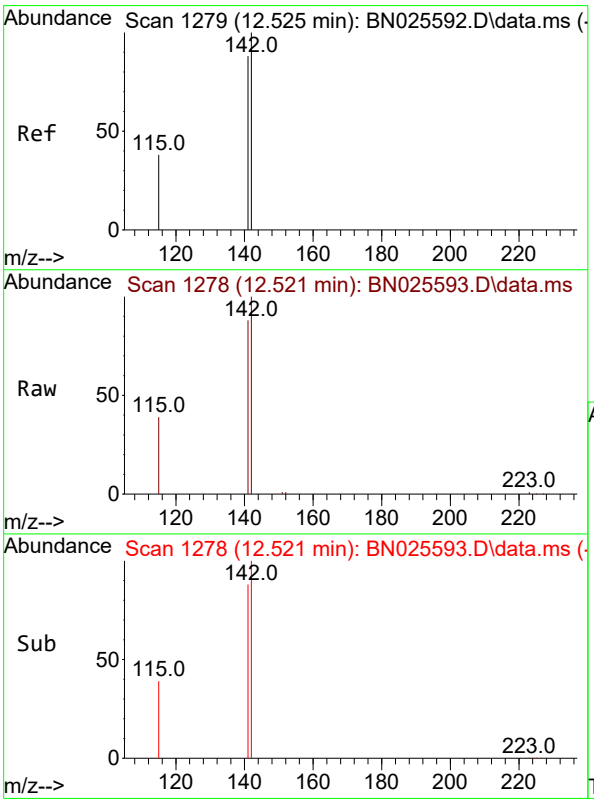
#11
2-Methylnaphthalene-d10
Concen: 0.775 ng
RT: 12.449 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 15648

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1

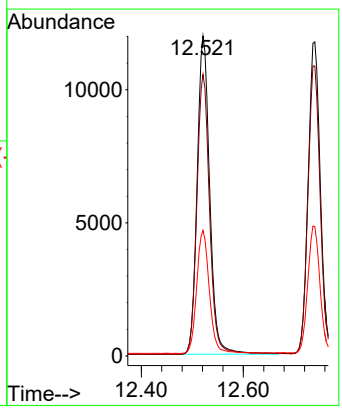


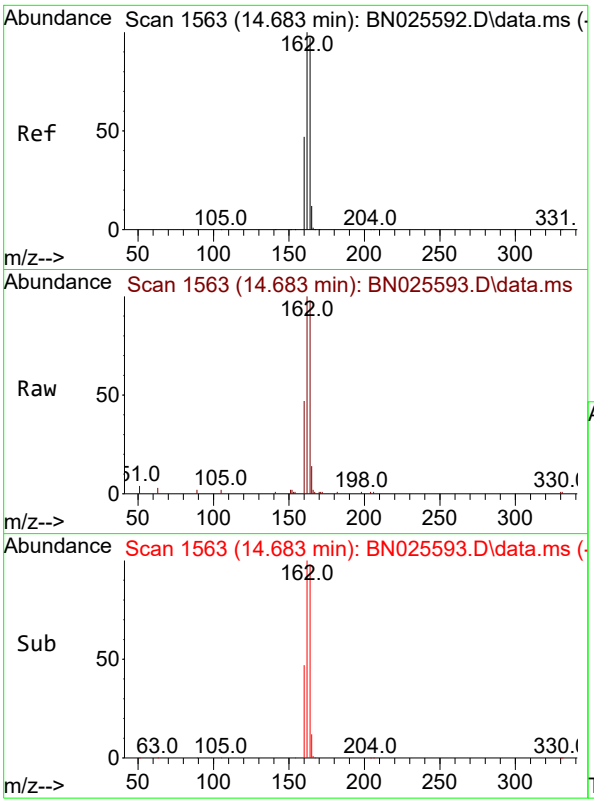


#12
2-Methylnaphthalene
Concen: 0.763 ng
RT: 12.521 min Scan# 1278
Delta R.T. -0.004 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:142 Resp: 20594

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4
115	39.2	31.1	46.7



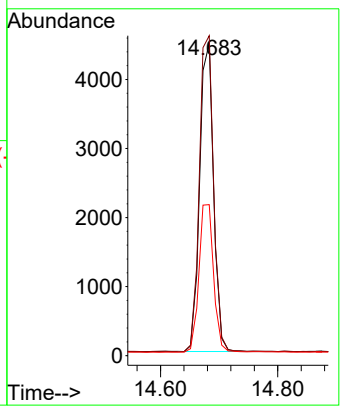


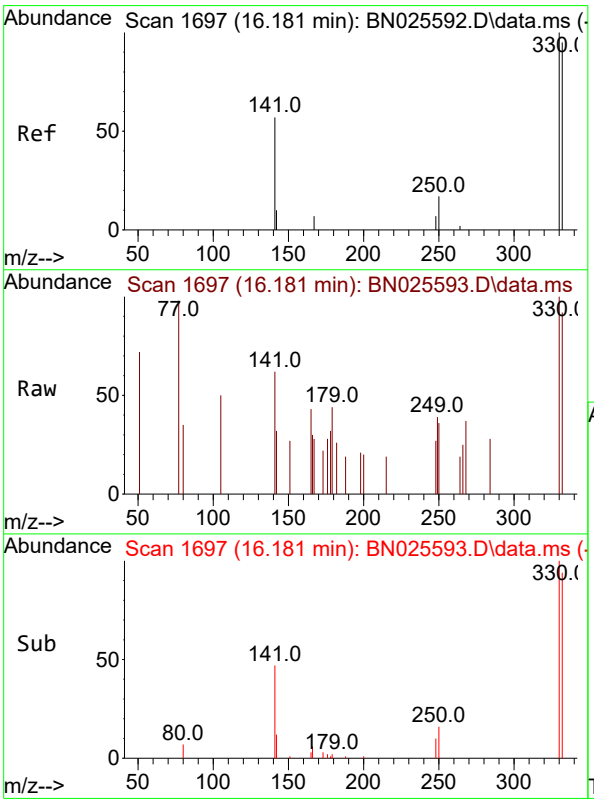
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 7366

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.7	124.1
160	48.3	38.8	58.2

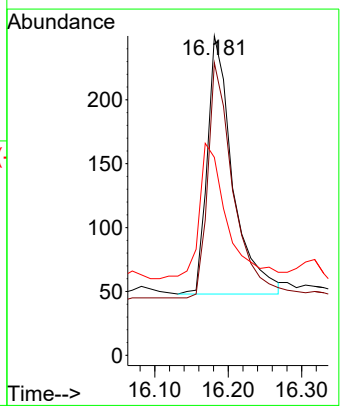


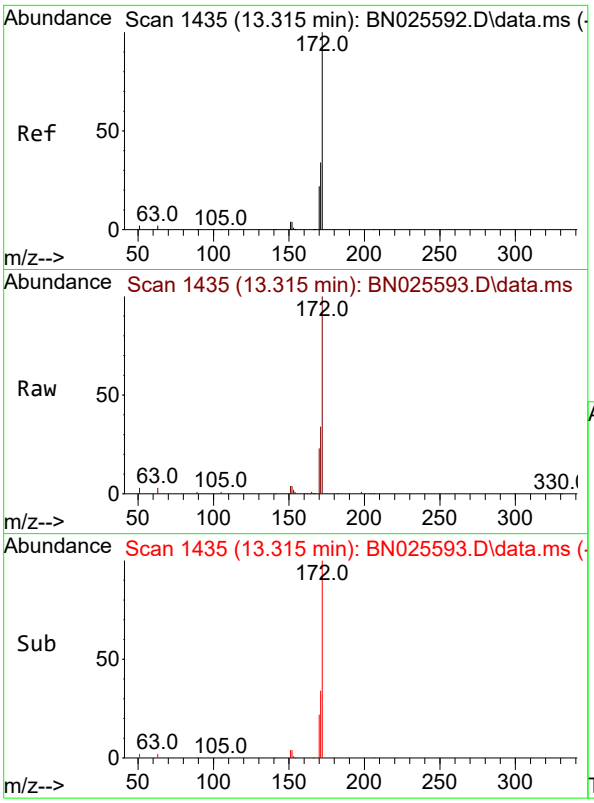


#14
2,4,6-Tribromophenol
Concen: 0.158 ng
RT: 16.181 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:330 Resp: 486

Ion	Ratio	Lower	Upper
330	100		
332	91.8	78.5	117.7
141	56.8	50.9	76.3



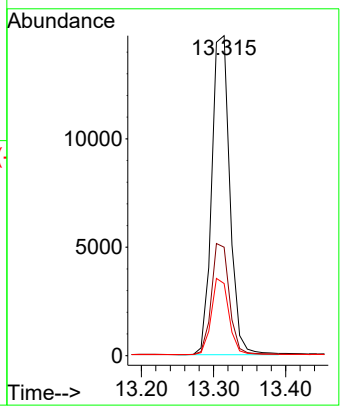


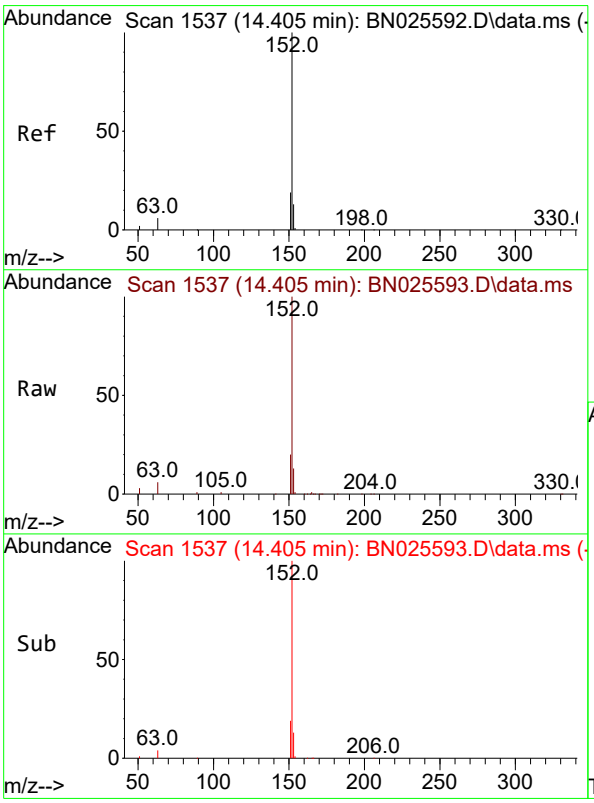
#15
2-Fluorobiphenyl
Concen: 0.804 ng
RT: 13.315 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 25683

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.2	40.8
170	22.5	17.9	26.9

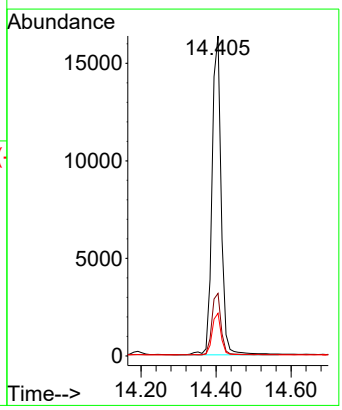


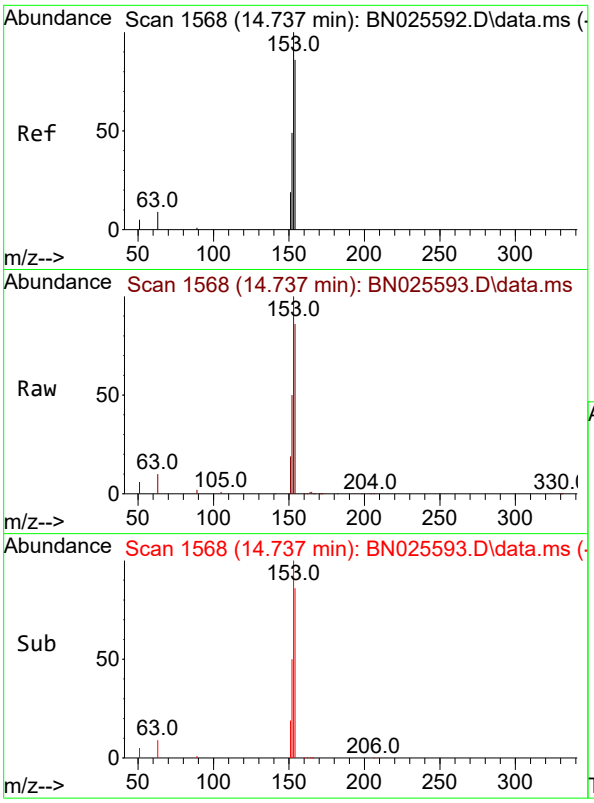


#16
Acenaphthylene
Concen: 0.768 ng
RT: 14.405 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:152 Resp: 27744

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	12.9	10.5	15.7



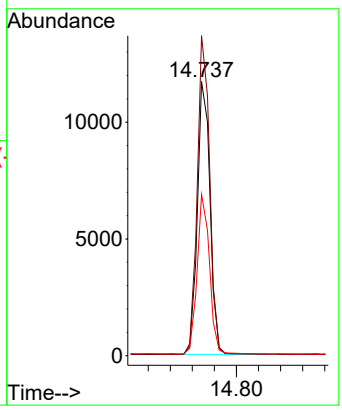


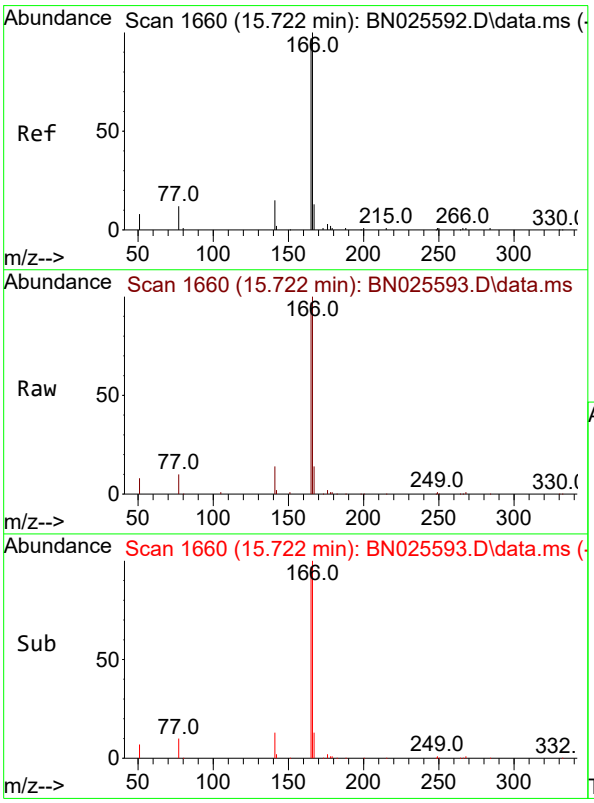
#17
Acenaphthene
Concen: 0.745 ng
RT: 14.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 18589

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.4	137.0
152	57.2	45.0	67.4

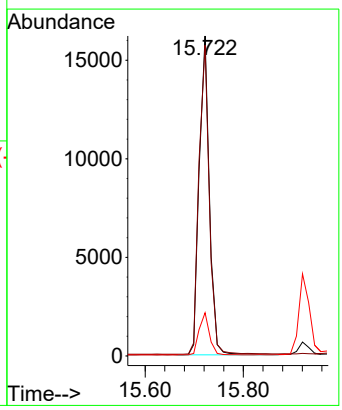


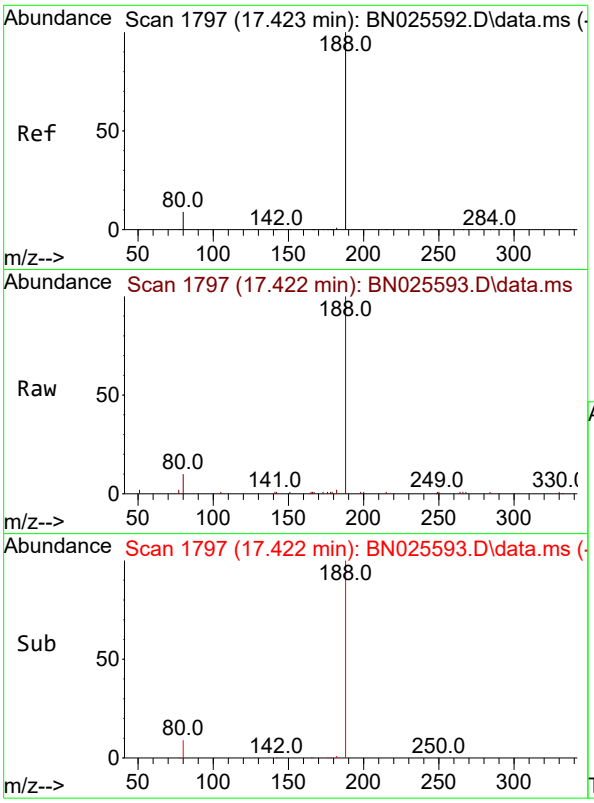


#18
Fluorene
Concen: 0.738 ng
RT: 15.722 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:166 Resp: 22984

Ion	Ratio	Lower	Upper
166	100		
165	97.8	81.0	121.4
167	13.3	10.9	16.3



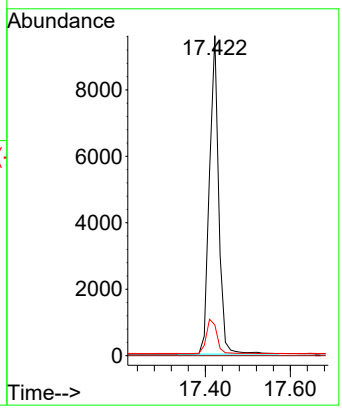


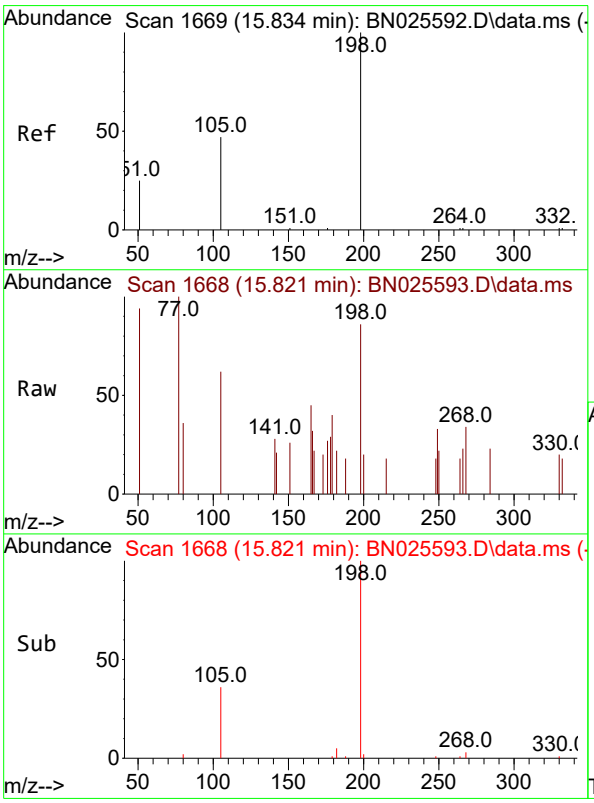
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 14479

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.5	11.3

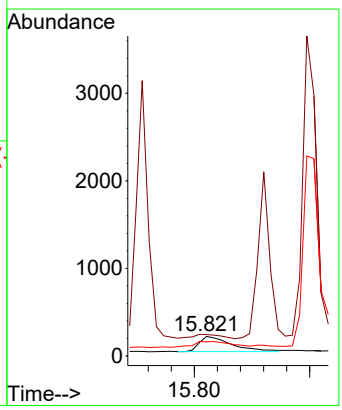


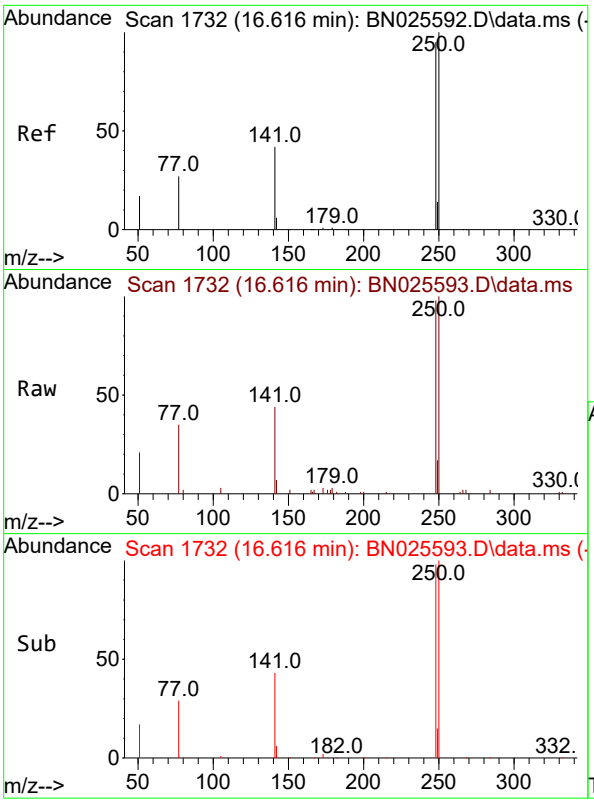


#20
4,6-Dinitro-2-methylphenol
Concen: 0.178 ng
RT: 15.821 min Scan# 1668
Delta R.T. -0.013 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:198 Resp: 683

Ion	Ratio	Lower	Upper
198	100		
51	109.9	139.5	209.3#
105	72.2	91.2	136.8#



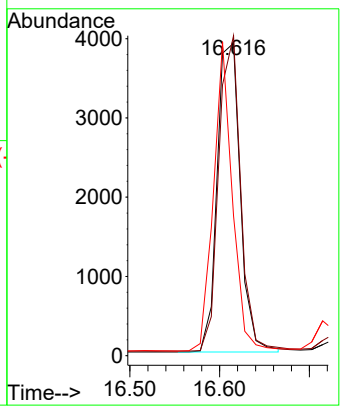


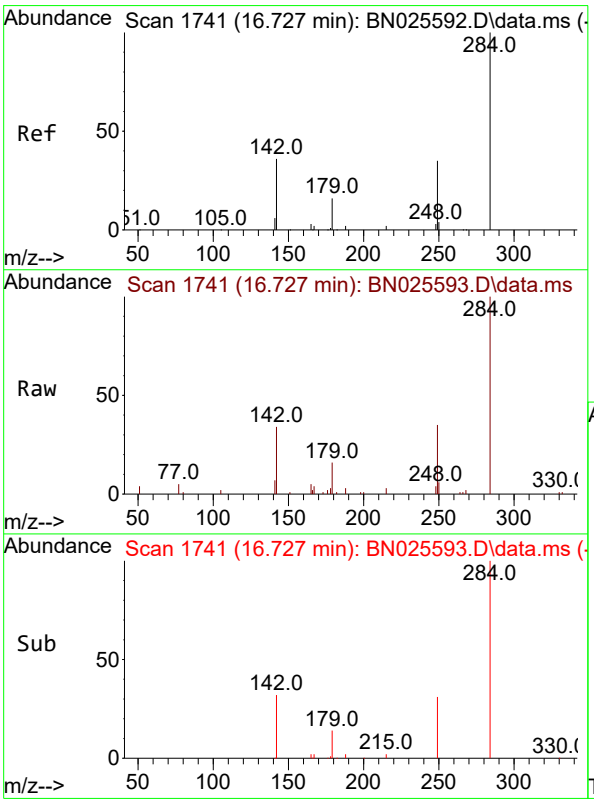
#21
4-Bromophenyl-phenylether
Concen: 0.814 ng
RT: 16.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:248 Resp: 6985

Ion	Ratio	Lower	Upper
248	100		
250	102.4	84.7	127.1
141	44.7	36.5	54.7

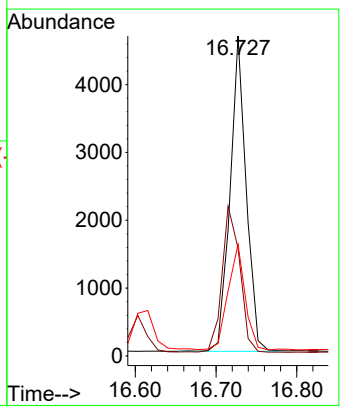


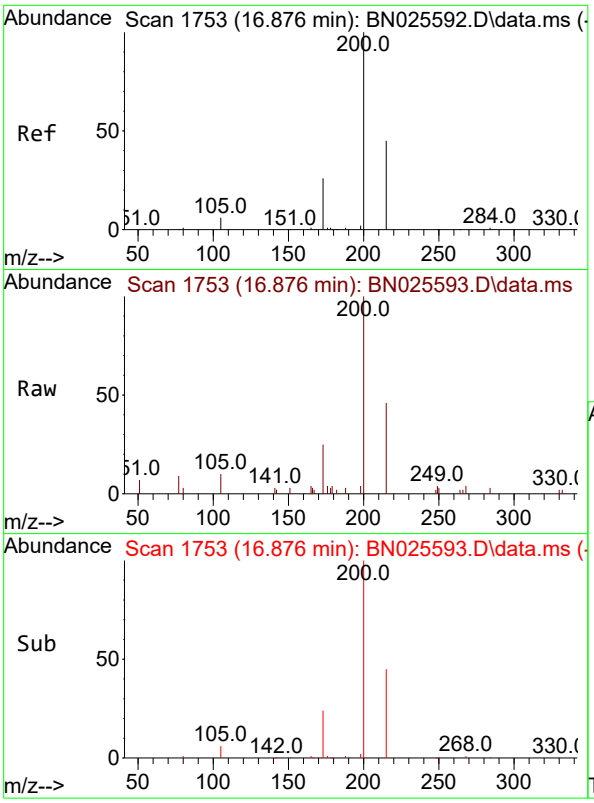


#22
Hexachlorobenzene
Concen: 0.845 ng
RT: 16.727 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:284 Resp: 6463

Ion	Ratio	Lower	Upper
284	100		
142	50.9	41.2	61.8
249	35.4	28.7	43.1



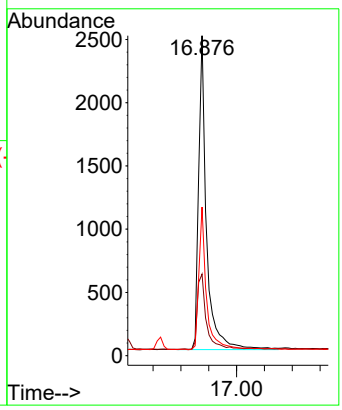


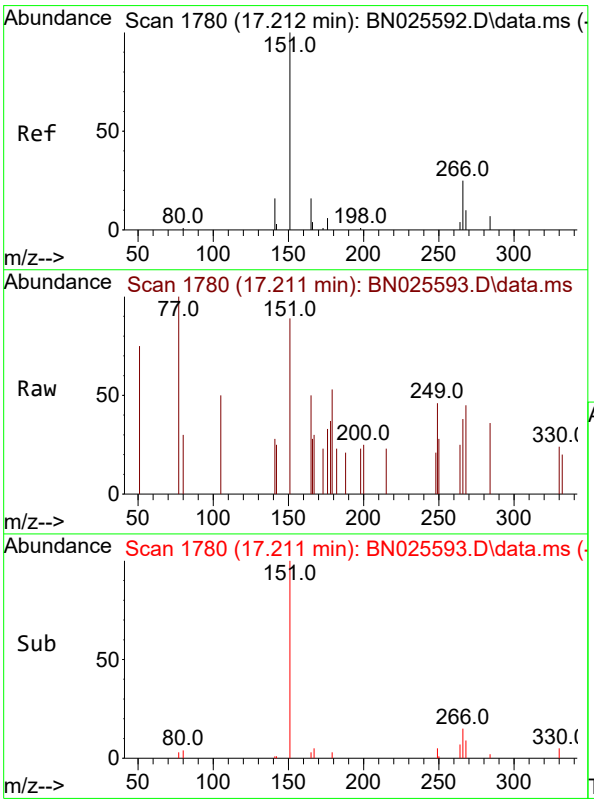
#23
Atrazine
Concen: 0.648 ng
RT: 16.876 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:200 Resp: 4893

Ion	Ratio	Lower	Upper
200	100		
173	25.5	23.3	34.9
215	46.4	37.5	56.3

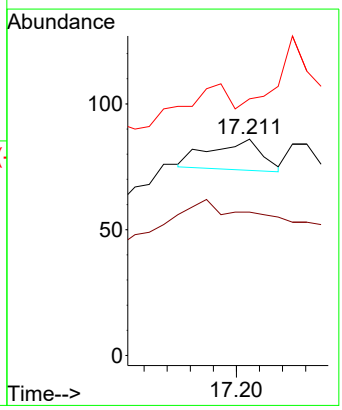


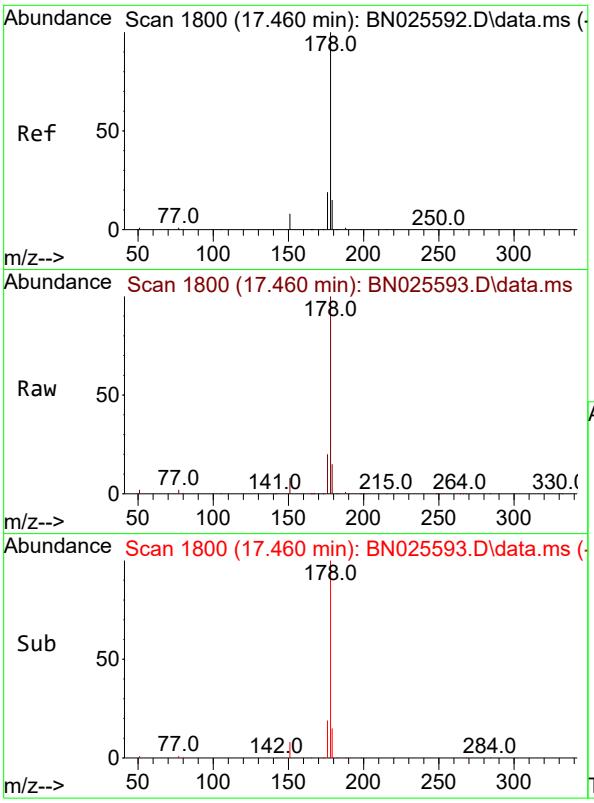


#24
Pentachlorophenol
Concen: 0.009 ng
RT: 17.211 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:266 Resp: 37

Ion	Ratio	Lower	Upper
266	100		
264	0.0	17.5	26.3#
268	0.0	21.4	32.0#



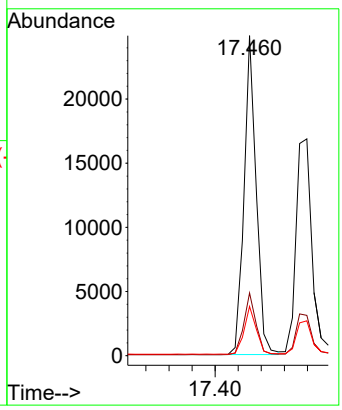


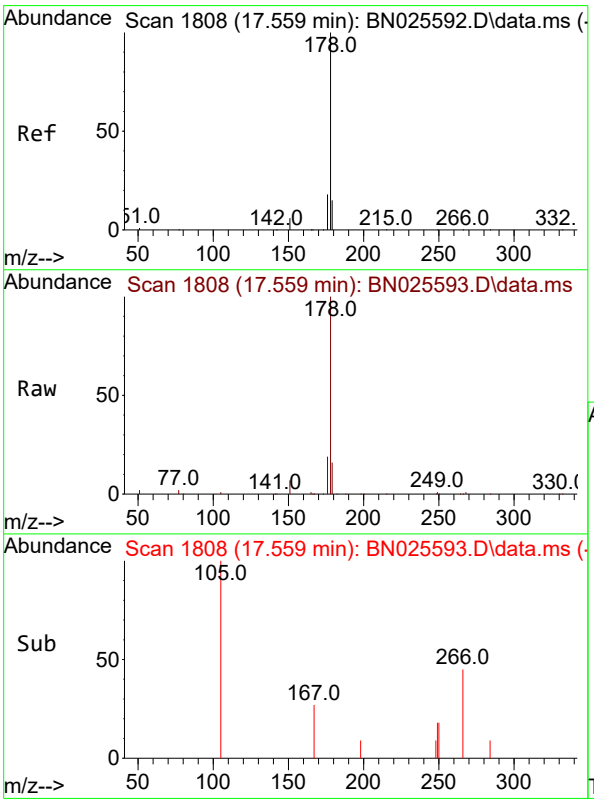
#25
Phenanthrene
Concen: 0.777 ng
RT: 17.460 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 36183

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.0	12.3	18.5

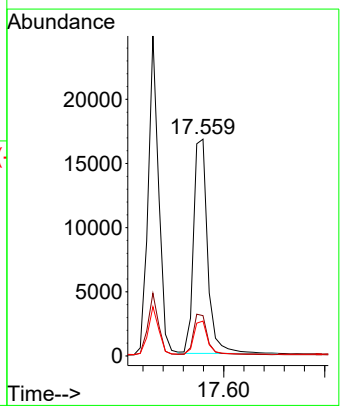


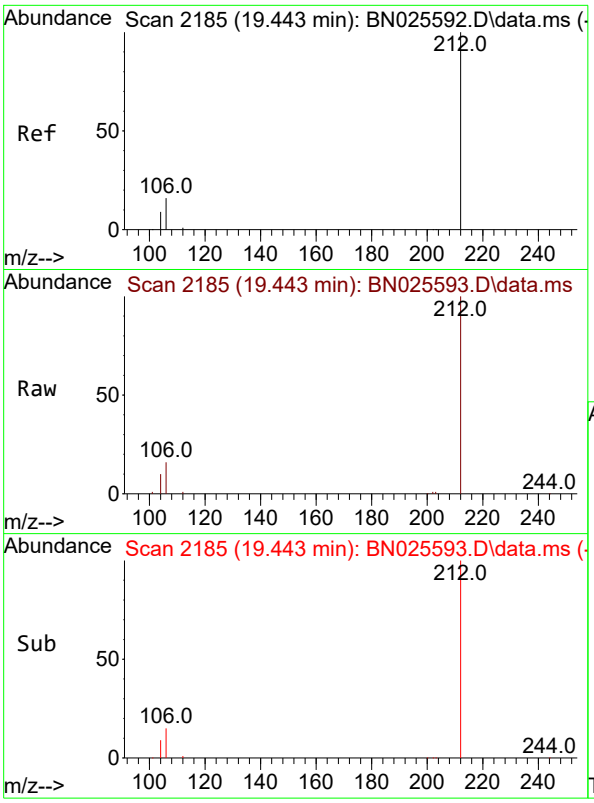


#26
Anthracene
Concen: 0.764 ng
RT: 17.559 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:178 Resp: 32312

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.0	12.0	18.0



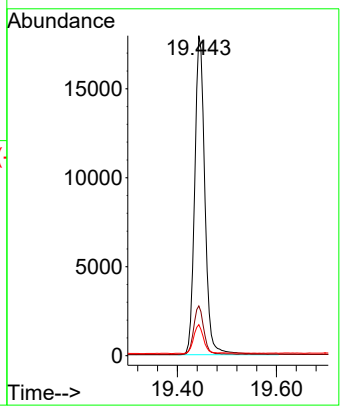


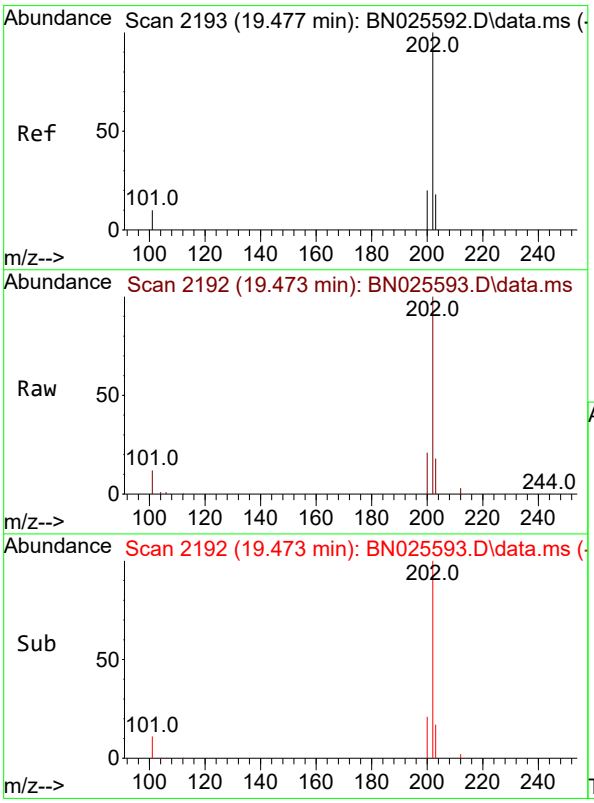
#27
Fluoranthene-d10
Concen: 0.749 ng
RT: 19.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 25698

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.2	18.4
104	8.7	7.0	10.6

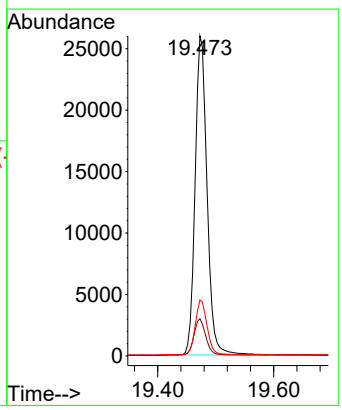


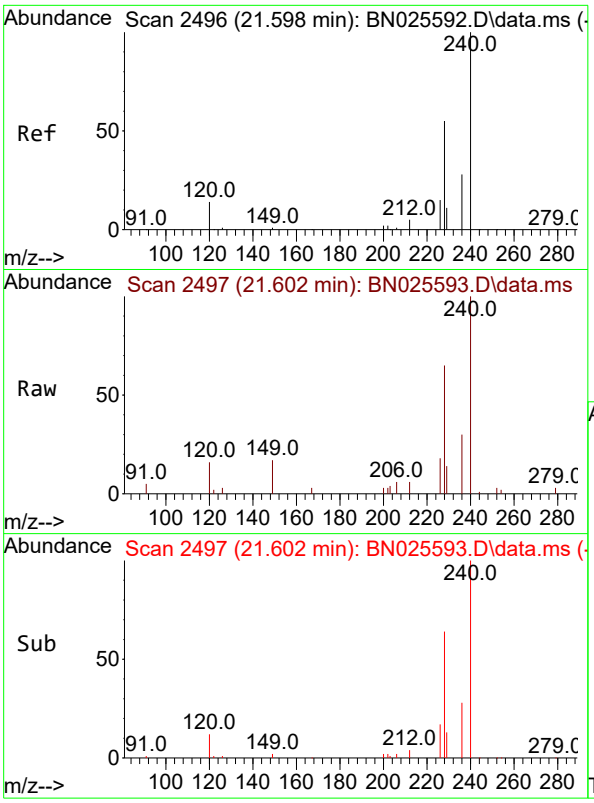


#28
Fluoranthene
Concen: 0.723 ng
RT: 19.473 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:202 Resp: 37185

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
203	16.8	13.6	20.4



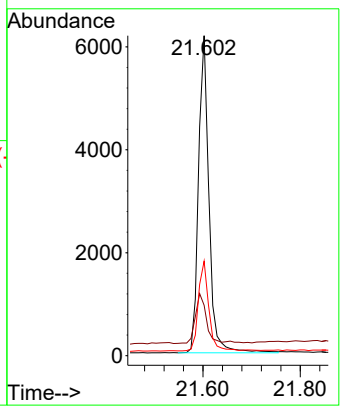


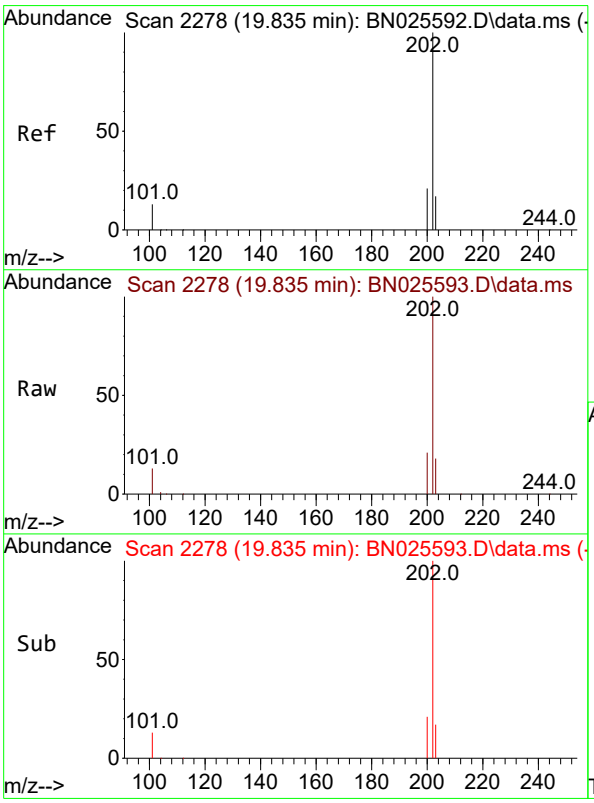
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.602 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 9137

Ion	Ratio	Lower	Upper
240	100		
120	15.7	14.2	21.2
236	29.5	23.8	35.6

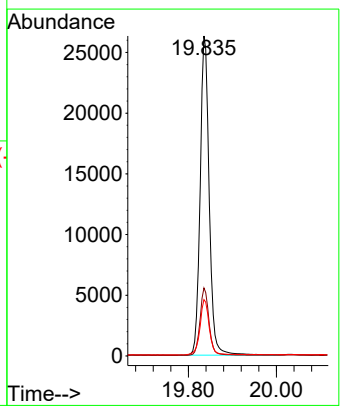


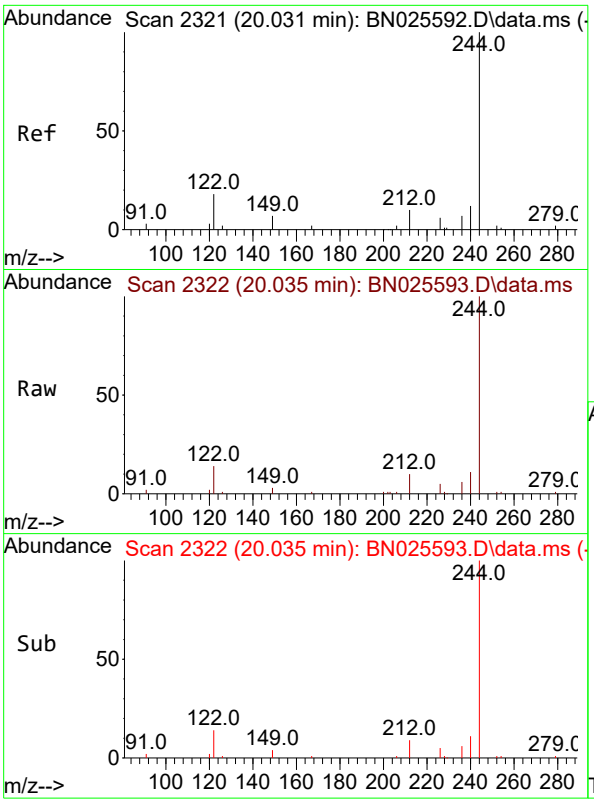


#30
Pyrene
Concen: 0.911 ng
RT: 19.835 min Scan# 2278
Delta R.T. -0.000 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:202 Resp: 37605

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.6	13.9	20.9



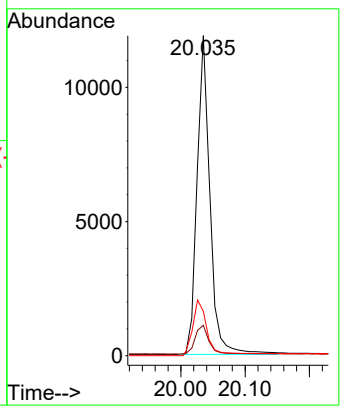


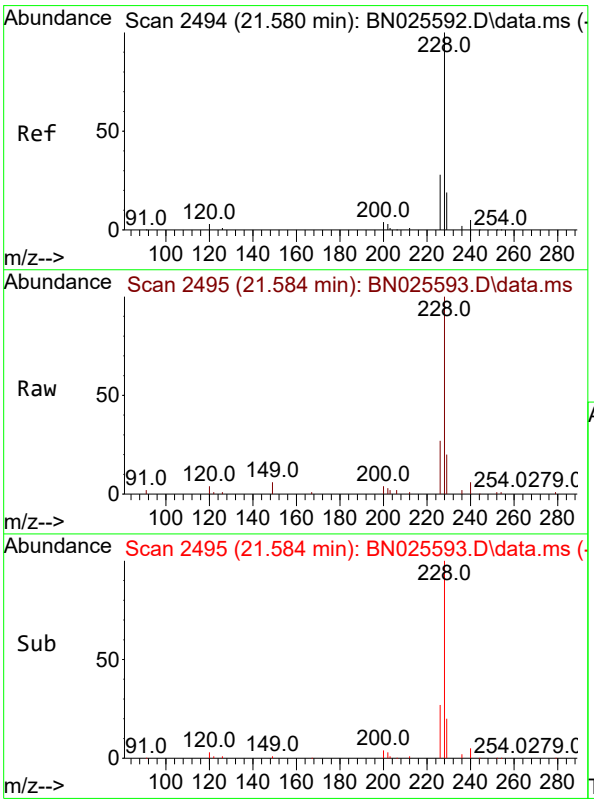
#31
Terphenyl-d14
Concen: 0.801 ng
RT: 20.035 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 15153

Ion	Ratio	Lower	Upper
244	100		
212	9.5	8.6	12.8
122	13.9	14.2	21.2#

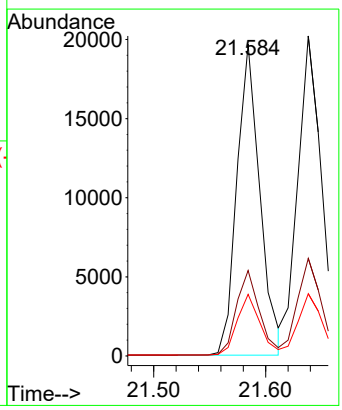


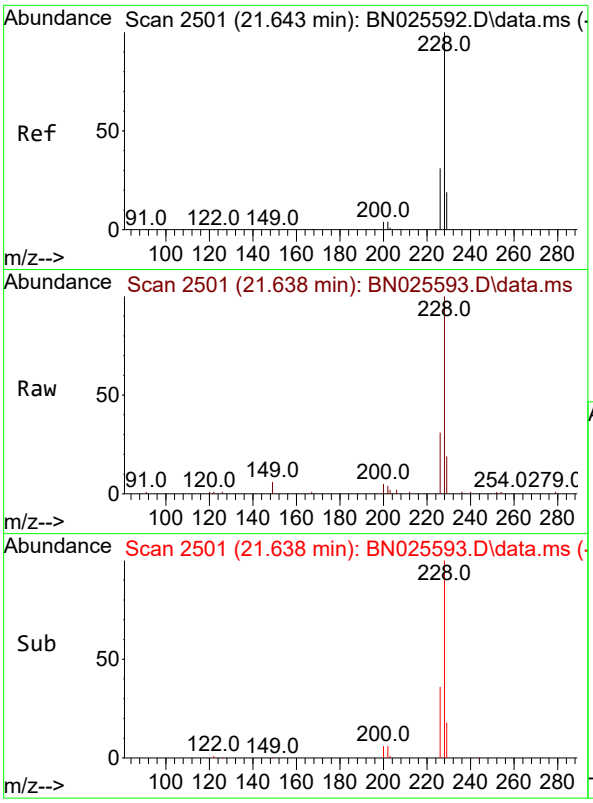


#32
Benzo(a)anthracene
Concen: 0.777 ng
RT: 21.584 min Scan# 2495
Delta R.T. 0.004 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:228 Resp: 28090

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	19.8	15.7	23.5



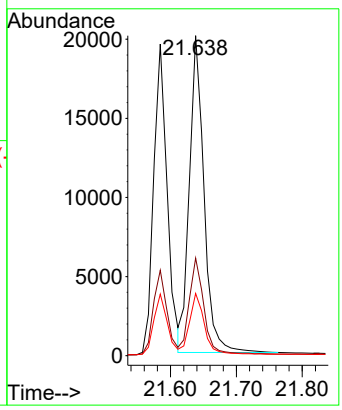


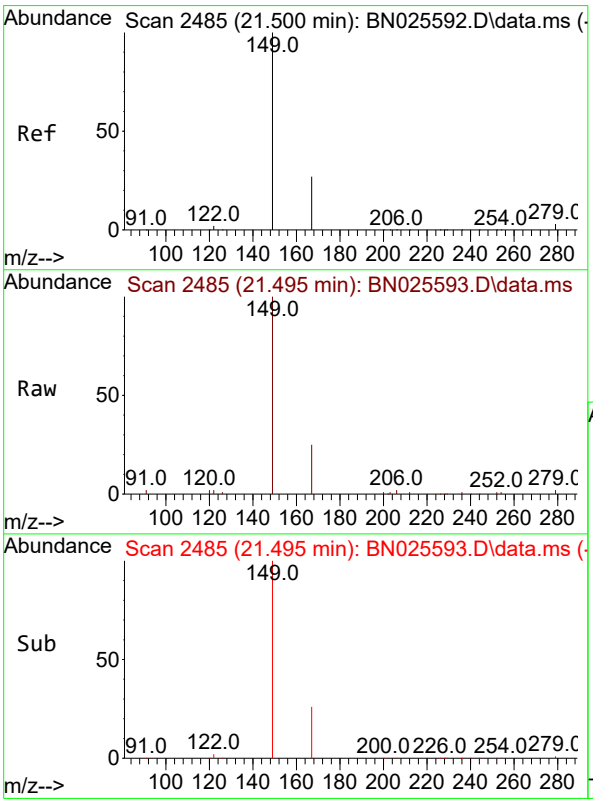
#33
Chrysene
Concen: 0.820 ng
RT: 21.638 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 30751

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	19.4	16.0	24.0

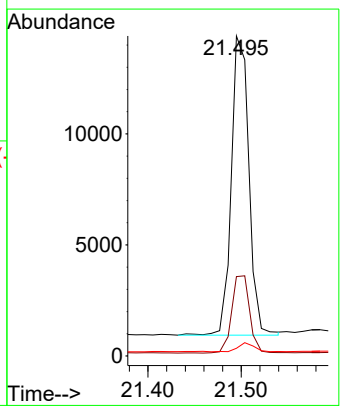


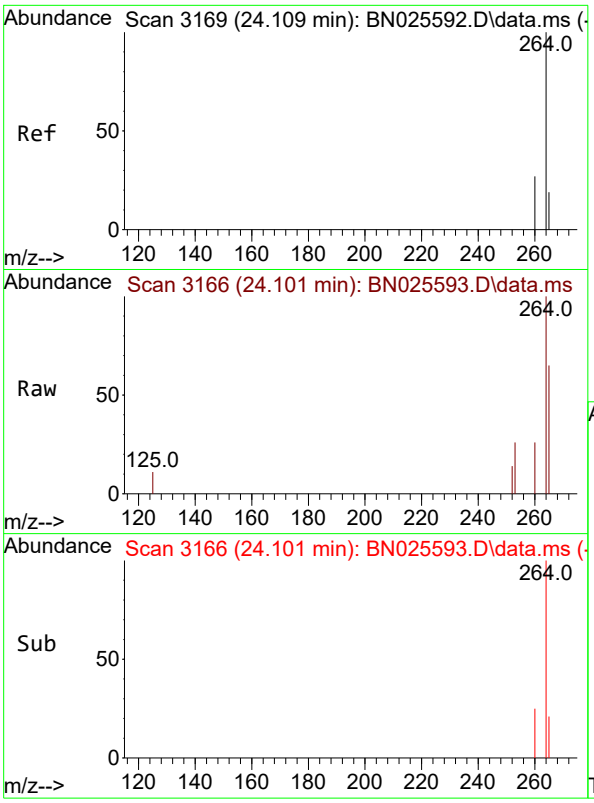


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.787 ng
RT: 21.495 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:149 Resp: 17692

Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.2	31.8
279	2.8	2.4	3.6



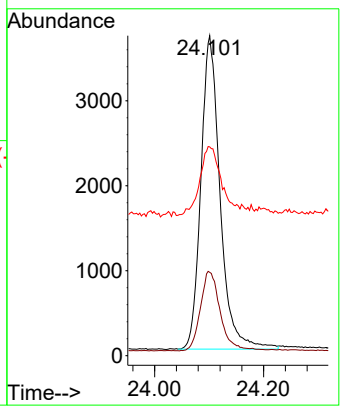


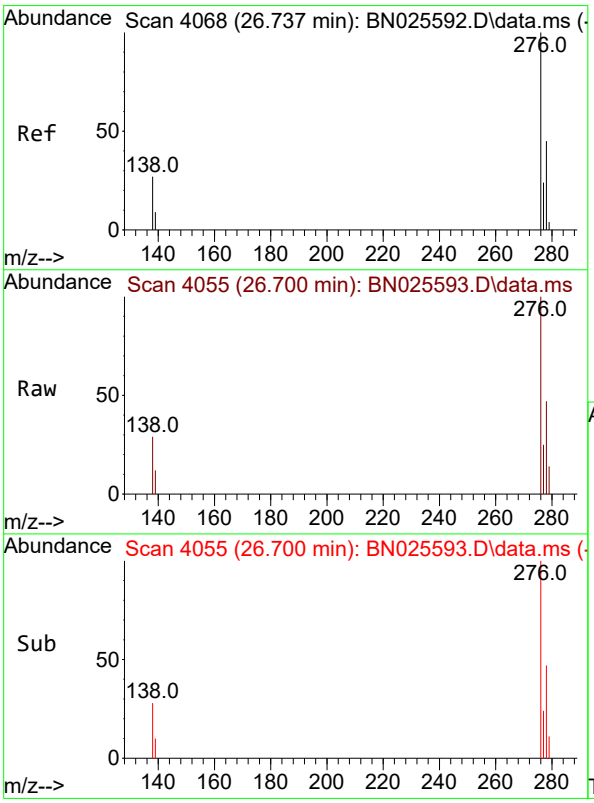
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.101 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 9000

Ion	Ratio	Lower	Upper
264	100		
260	26.0	22.2	33.4
265	65.3	52.7	79.1

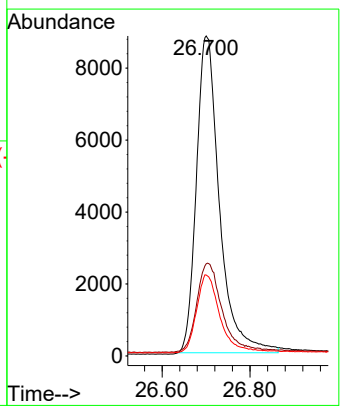


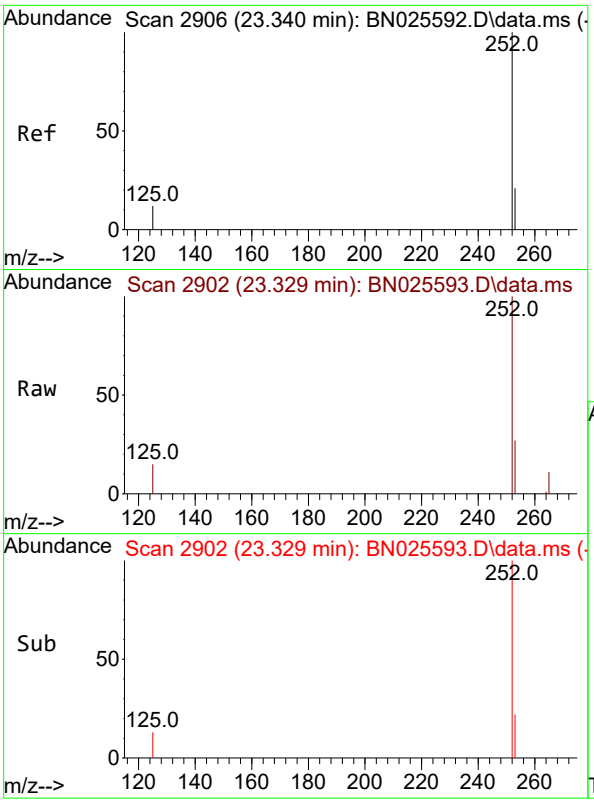


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.783 ng
RT: 26.700 min Scan# 4055
Delta R.T. -0.037 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:276 Resp: 32193

Ion	Ratio	Lower	Upper
276	100		
138	29.5	23.7	35.5
277	24.7	19.0	28.4



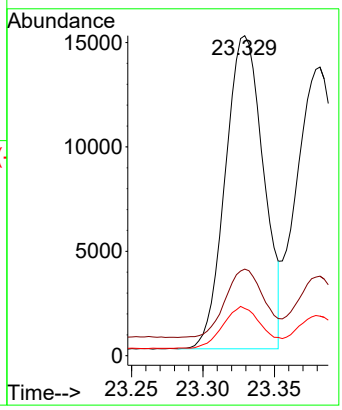


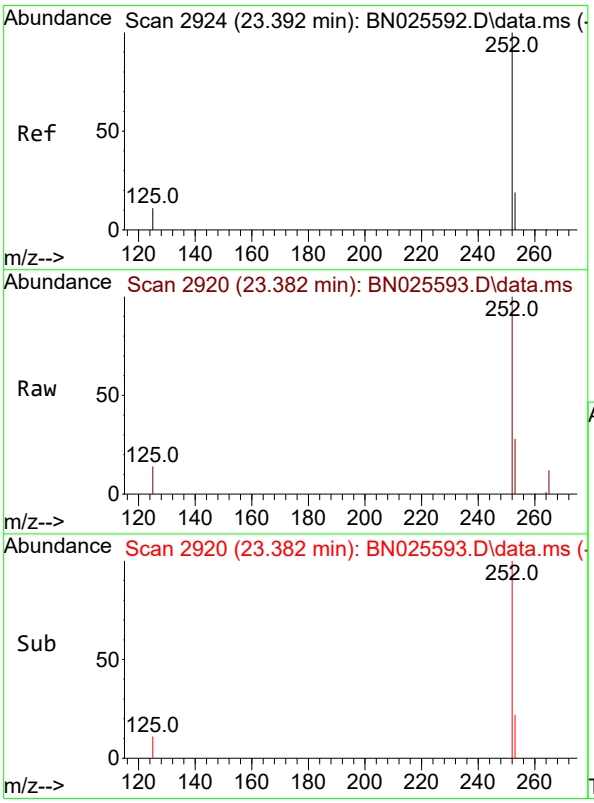
#37
Benzo(b)fluoranthene
Concen: 0.770 ng
RT: 23.329 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 27914

Ion	Ratio	Lower	Upper
252	100		
253	27.1	25.8	38.6
125	14.8	13.1	19.7

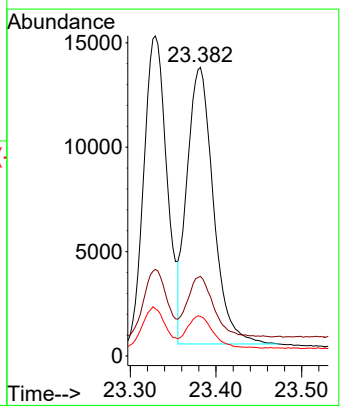


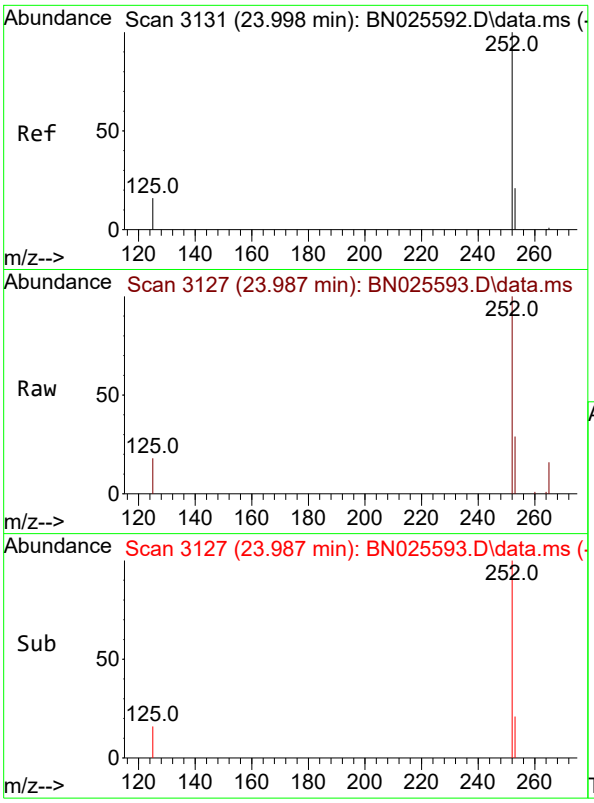


#38
Benzo(k)fluoranthene
Concen: 0.770 ng
RT: 23.382 min Scan# 2920
Delta R.T. -0.011 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:252 Resp: 28377

Ion	Ratio	Lower	Upper
252	100		
253	27.5	25.0	37.6
125	13.7	12.7	19.1



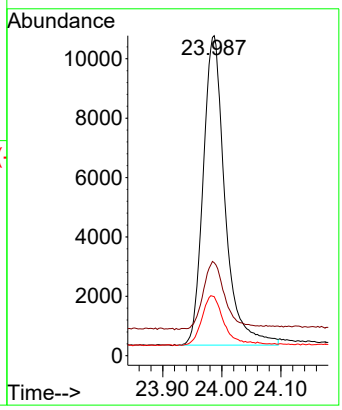


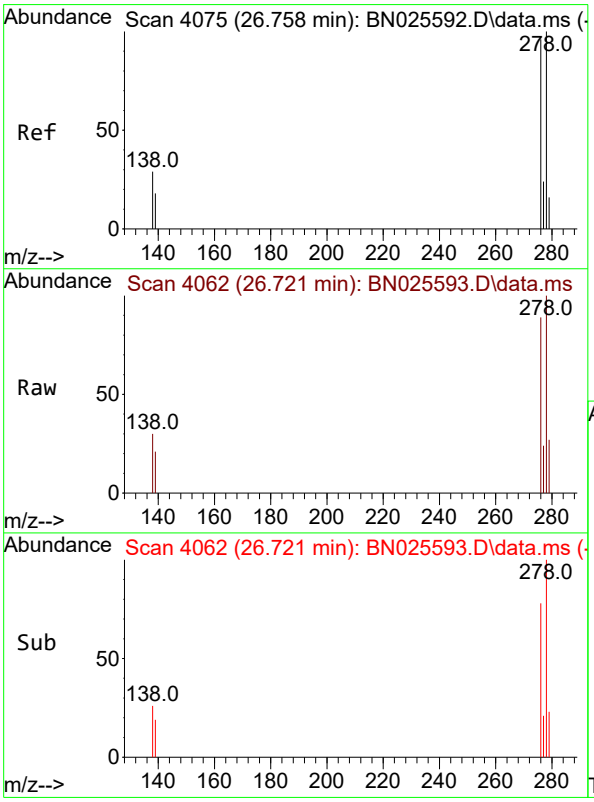
#39
Benzo(a)pyrene
Concen: 0.800 ng
RT: 23.987 min Scan# 3
Delta R.T. -0.011 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 26665

Ion	Ratio	Lower	Upper
252	100		
253	29.0	28.6	43.0
125	18.5	16.9	25.3

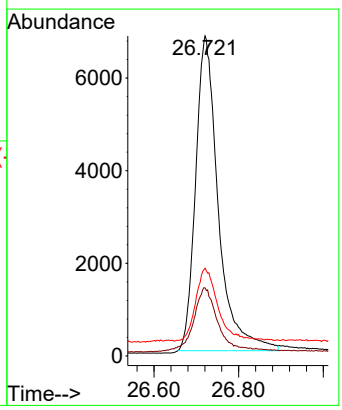


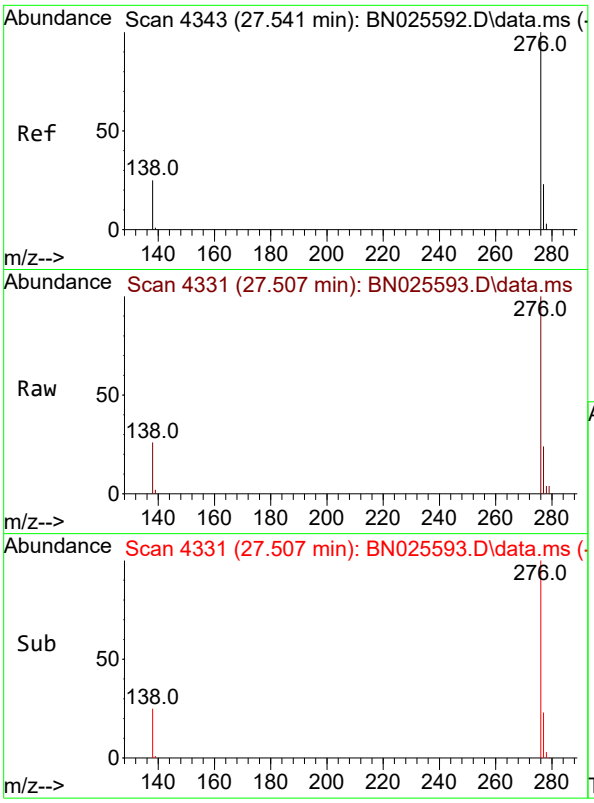


#40
Dibenzo(a,h)anthracene
Concen: 0.756 ng
RT: 26.721 min Scan# 4062
Delta R.T. -0.037 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Tgt Ion:278 Resp: 25249

Ion	Ratio	Lower	Upper
278	100		
139	21.2	18.4	27.6
279	27.4	25.8	38.6





#41
Benzo(g,h,i)perylene
Concen: 0.813 ng
RT: 27.507 min Scan# 4
Delta R.T. -0.034 min
Lab File: BN025593.D
Acq: 25 May 2023 19:23

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 28542

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.0	30.0
138	26.4	22.8	34.2