Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025590.D
Acq On : 25 May 2023 17:35
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 26 00:03:36 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

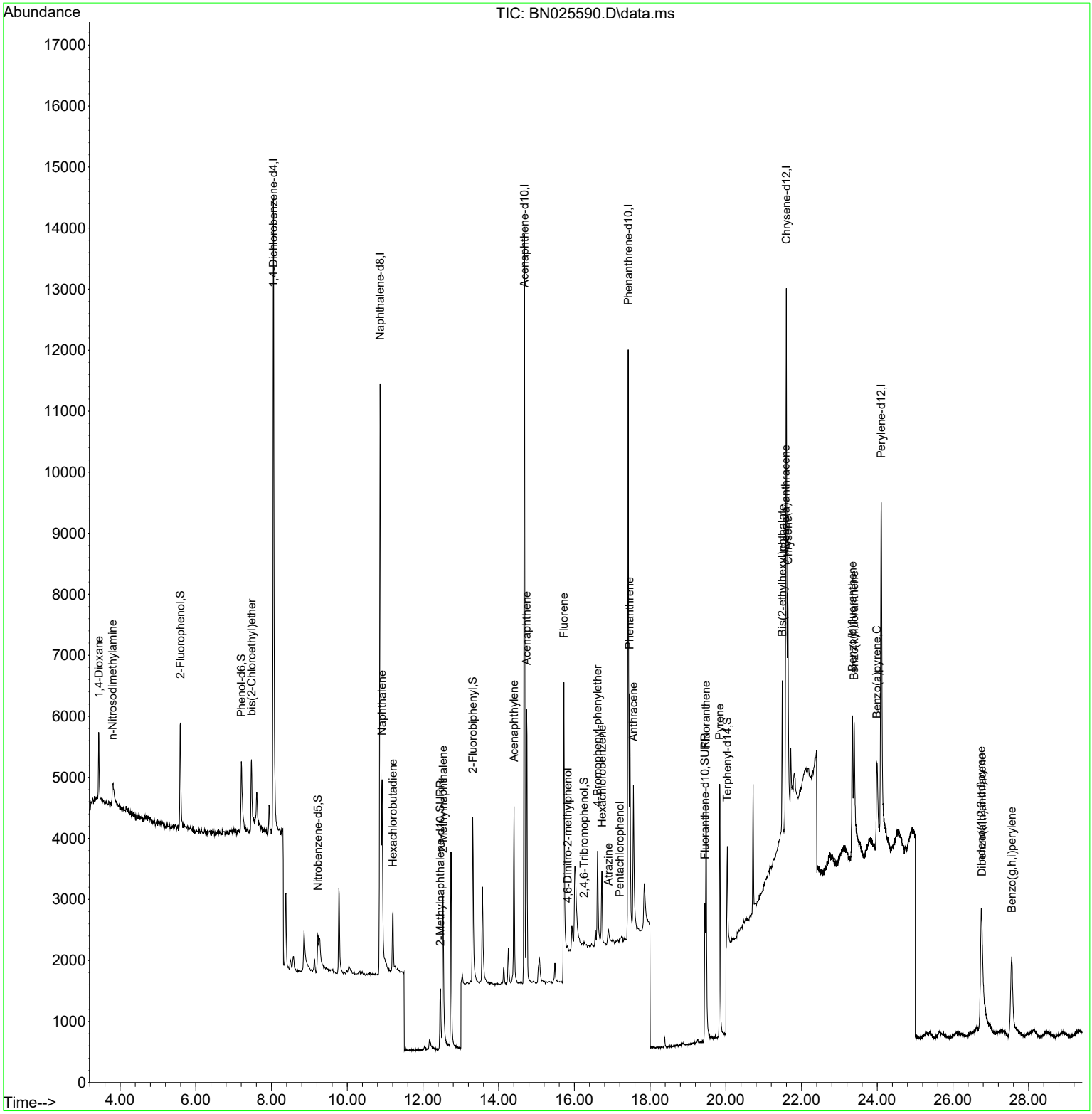
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	5983	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	15624	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	7982	0.400	ng		0.00
19) Phenanthrene-d10	17.422	188	14354	0.400	ng		0.00
29) Chrysene-d12	21.598	240	9124	0.400	ng		0.00
35) Perylene-d12	24.103	264	9509	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.593	112	1814	0.118	ng		0.00
5) Phenol-d6	7.203	99	1689	0.087	ng		0.00
8) Nitrobenzene-d5	9.223	82	997	0.069	ng		0.01
11) 2-Methylnaphthalene-d10	12.457	152	2004	0.087	ng		0.00
14) 2,4,6-Tribromophenol	16.256	330	13	0.004	ng		0.07
15) 2-Fluorobiphenyl	13.315	172	3275	0.095	ng		0.00
27) Fluoranthene-d10	19.448	212	3086	0.091	ng		0.00
31) Terphenyl-d14	20.040	244	2027	0.107	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.440	88	813	0.117	ng		95
3) n-Nitrosodimethylamine	3.802	42	406	0.049	ng	#	96
6) bis(2-Chloroethyl)ether	7.470	93	1273	0.072	ng	#	73
9) Naphthalene	10.921	128	4471	0.103	ng		95
10) Hexachlorobutadiene	11.209	225	832	0.110	ng	#	96
12) 2-Methylnaphthalene	12.532	142	2700	0.088	ng		97
16) Acenaphthylene	14.405	152	3607	0.092	ng		99
17) Acenaphthene	14.737	154	2466	0.091	ng		98
18) Fluorene	15.722	166	2866	0.085	ng		98
20) 4,6-Dinitro-2-methylph...	15.821	198	5	0.001	ng	#	1
21) 4-Bromophenyl-phenylether	16.616	248	744	0.088	ng	#	82
22) Hexachlorobenzene	16.727	284	868	0.115	ng		96
23) Atrazine	16.901	200	480	0.064	ng	#	64
24) Pentachlorophenol	17.199	266	31	0.007	ng	#	51
25) Phenanthrene	17.460	178	4523	0.098	ng		99
26) Anthracene	17.559	178	3501	0.083	ng		99
28) Fluoranthene	19.477	202	4448	0.087	ng		99
30) Pyrene	19.840	202	4518	0.110	ng		99
32) Benzo(a)anthracene	21.580	228	3264	0.090	ng		95
33) Chrysene	21.643	228	3797	0.101	ng		98
34) Bis(2-ethylhexyl)phtha...	21.491	149	2591	0.115	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.746	276	3861	0.089	ng	#	82
37) Benzo(b)fluoranthene	23.343	252	3305	0.086	ng	#	49
38) Benzo(k)fluoranthene	23.392	252	3288	0.084	ng	#	44
39) Benzo(a)pyrene	23.992	252	3201	0.091	ng	#	31
40) Dibenzo(a,h)anthracene	26.763	278	3042	0.086	ng	#	48
41) Benzo(g,h,i)perylene	27.553	276	3670	0.099	ng	#	84

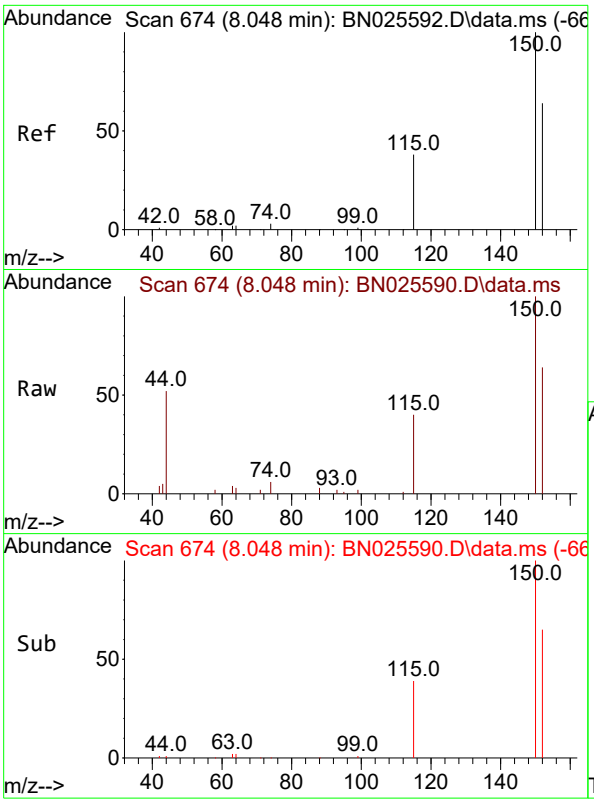
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025590.D
Acq On : 25 May 2023 17:35
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 26 00:03:36 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



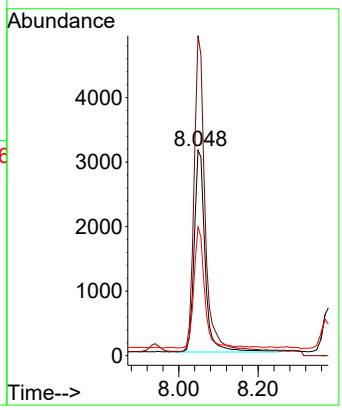


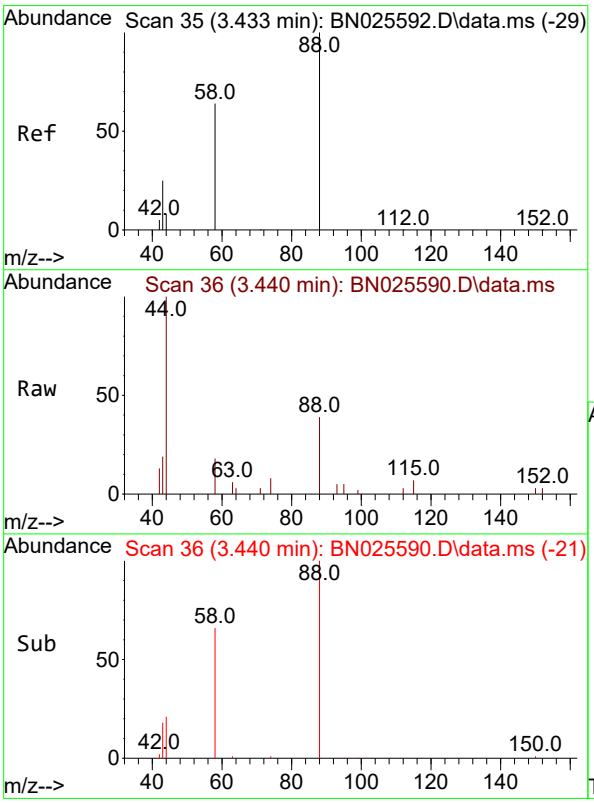
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.048 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 5983

Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.6	187.0
115	62.7	49.2	73.8

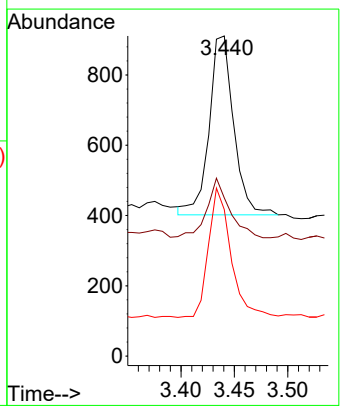


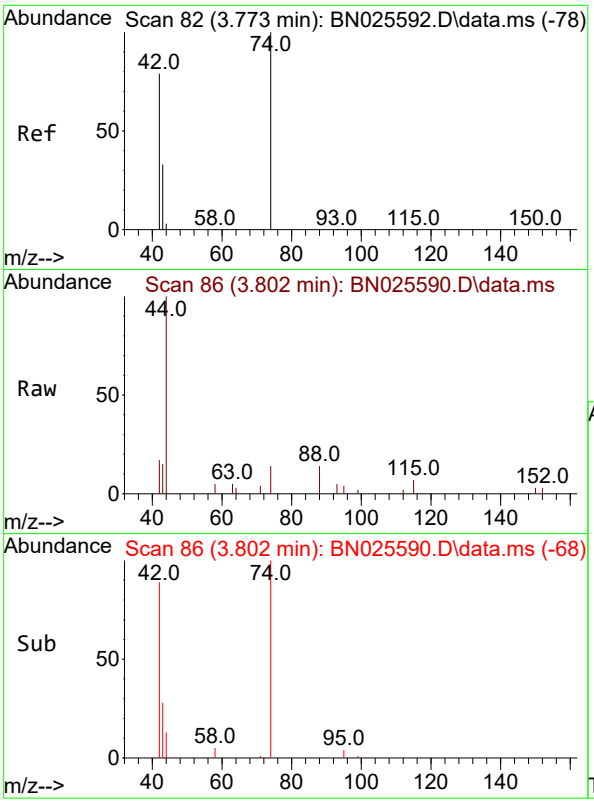


#2
1,4-Dioxane
Concen: 0.117 ng
RT: 3.440 min Scan# 36
Delta R.T. 0.007 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion: 88 Resp: 813

Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.5	35.3
58	66.3	56.7	85.1



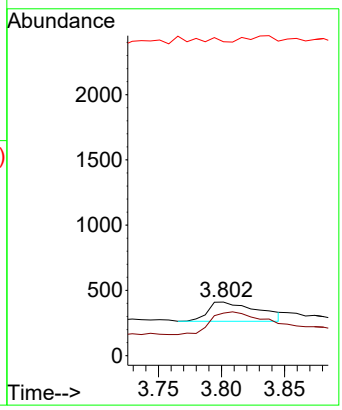


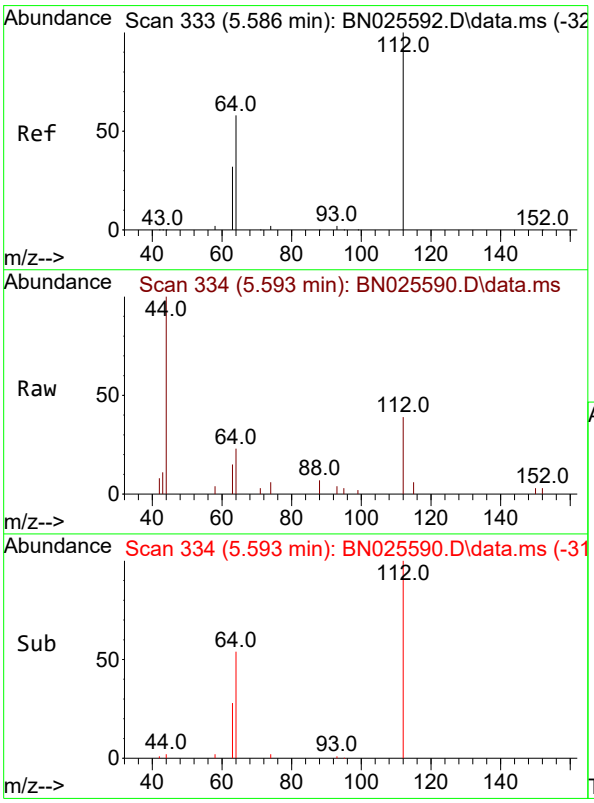
#3
n-Nitrosodimethylamine
Concen: 0.049 ng
RT: 3.802 min Scan# 8
Delta R.T. 0.029 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 406

Ion	Ratio	Lower	Upper
42	100		
74	124.6	97.6	146.4
44	0.0	8.3	12.5#

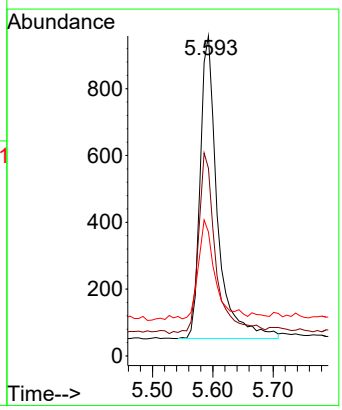


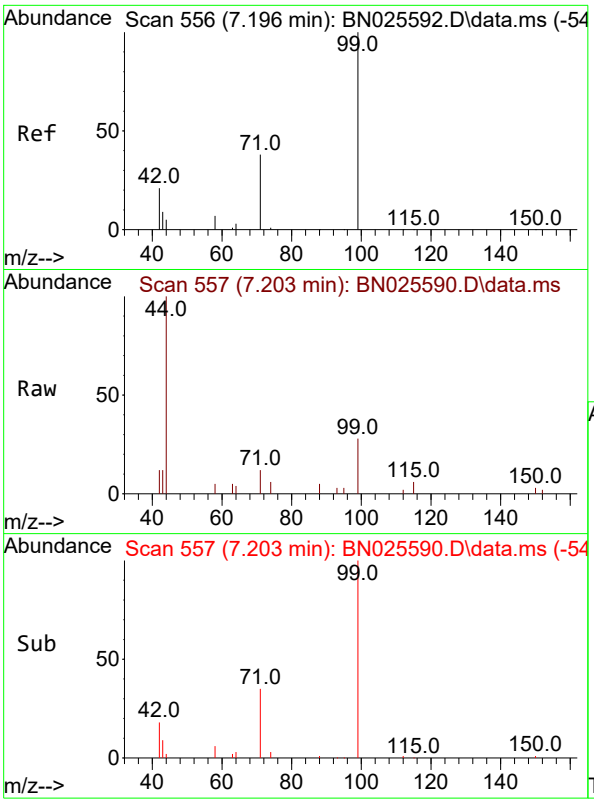


#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.593 min Scan# 334
Delta R.T. 0.007 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:112 Resp: 1814

Ion	Ratio	Lower	Upper
112	100		
64	59.7	45.3	67.9
63	31.1	25.1	37.7



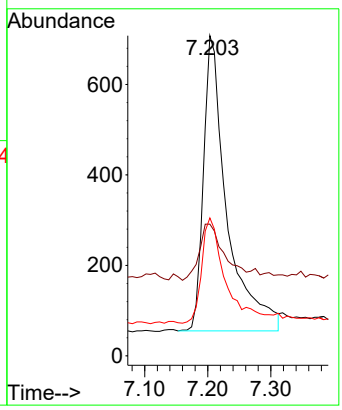


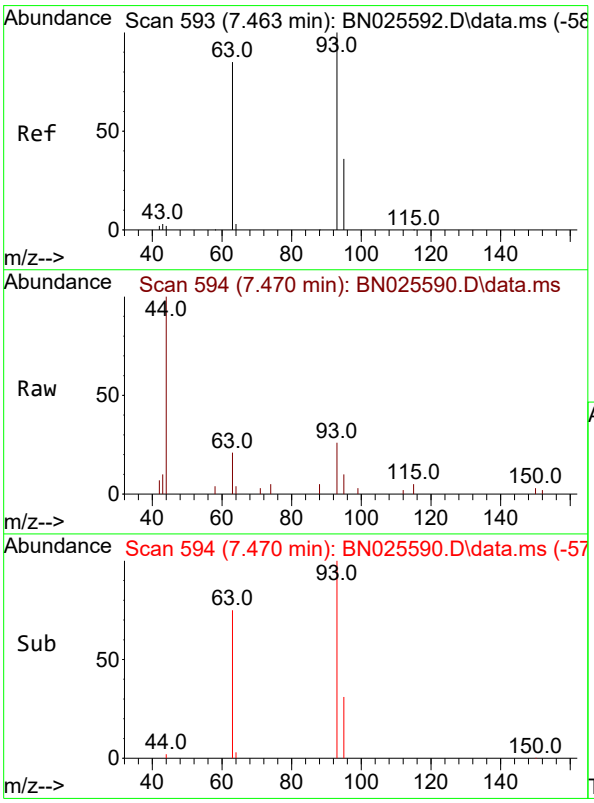
#5
Phenol-d6
Concen: 0.087 ng
RT: 7.203 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1689

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.9	25.3
71	37.5	29.6	44.4

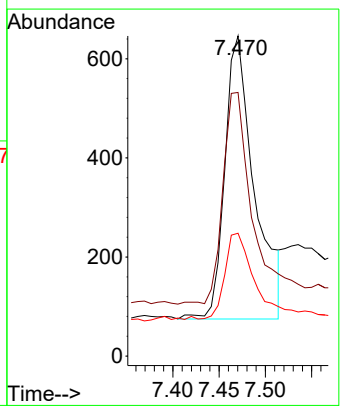


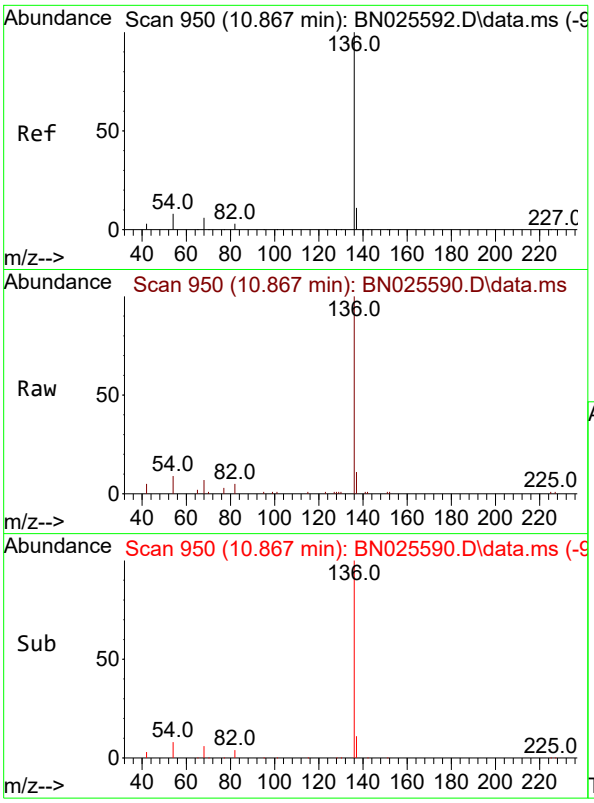


#6
bis(2-Chloroethyl)ether
Concen: 0.072 ng
RT: 7.470 min Scan# 594
Delta R.T. 0.007 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion: 93 Resp: 1273

Ion	Ratio	Lower	Upper
93	100		
63	77.3	43.4	65.2#
95	32.1	19.5	29.3#



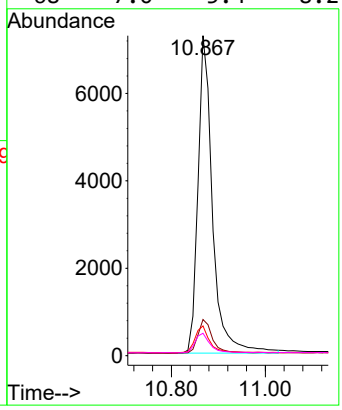


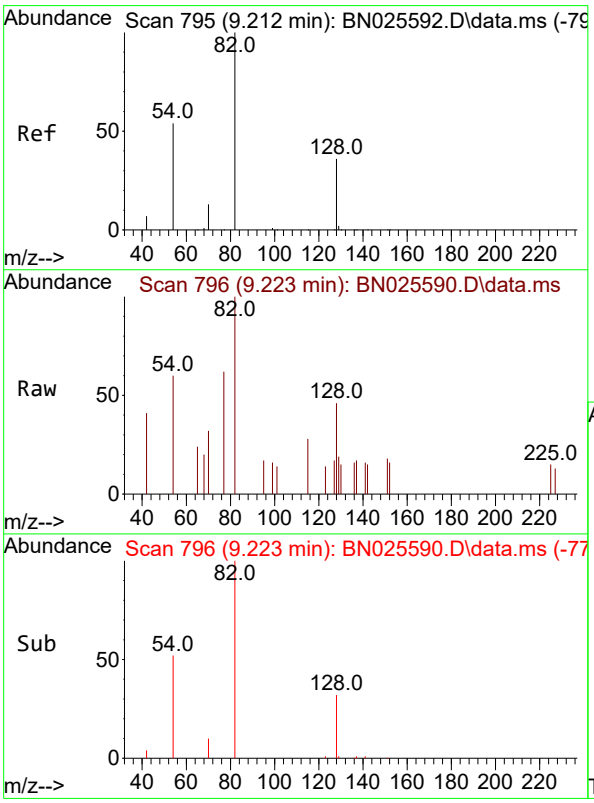
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.867 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 15624

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	6.8	10.2
68	7.0	5.4	8.2

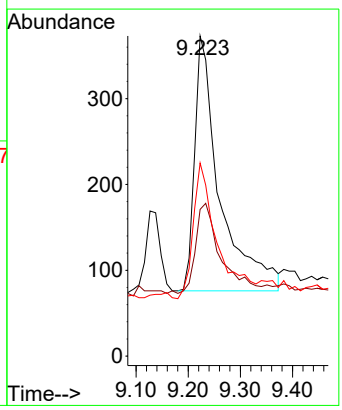


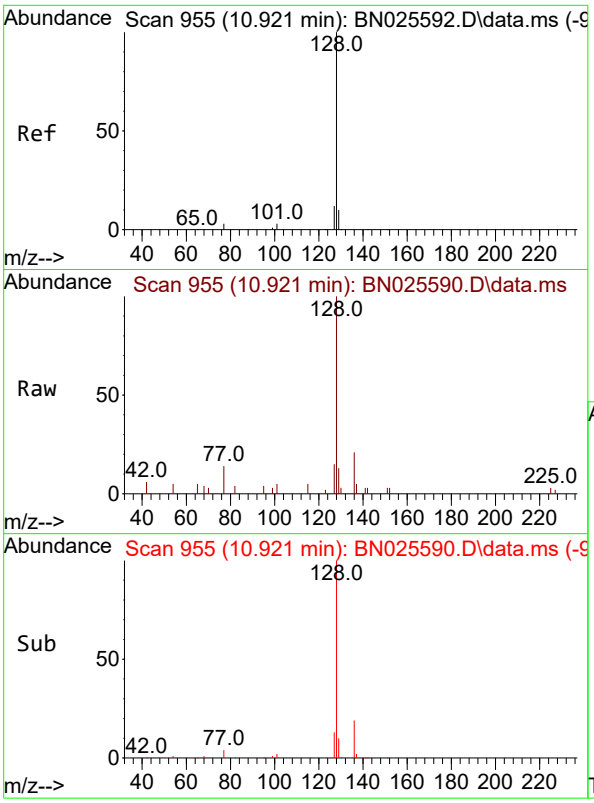


#8
Nitrobenzene-d5
Concen: 0.069 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.011 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion: 82 Resp: 997

Ion	Ratio	Lower	Upper
82	100		
128	45.8	30.5	45.7#
54	60.3	44.1	66.1



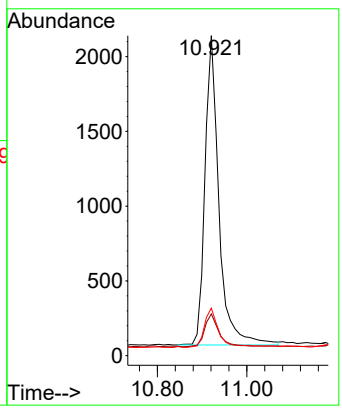


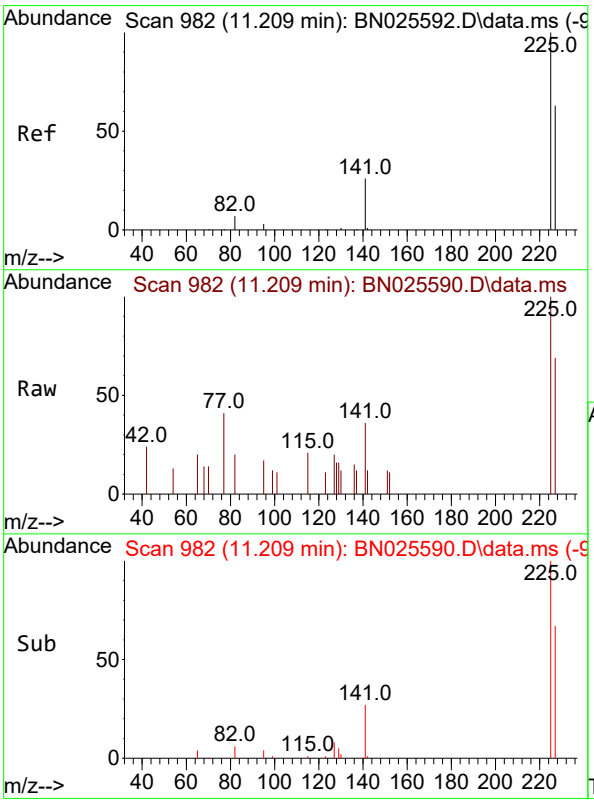
#9
Naphthalene
Concen: 0.103 ng
RT: 10.921 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 4471

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.8	13.2
127	14.9	10.3	15.5

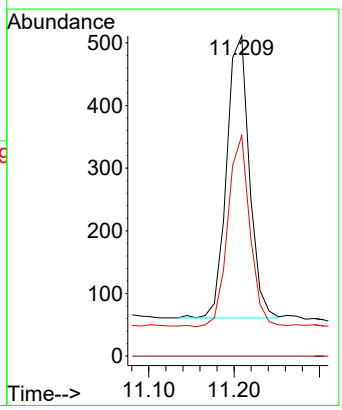


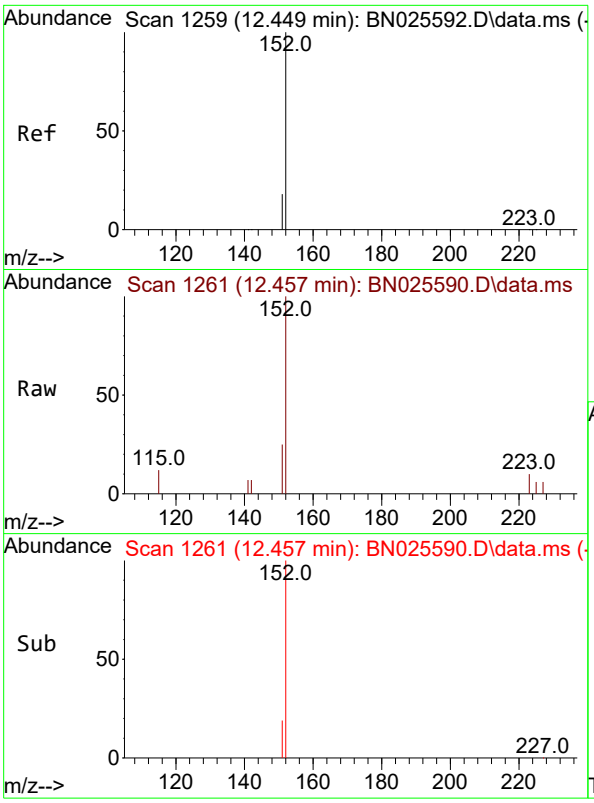


#10
Hexachlorobutadiene
Concen: 0.110 ng
RT: 11.209 min Scan# 982
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:225 Resp: 832

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.4	50.0	75.0



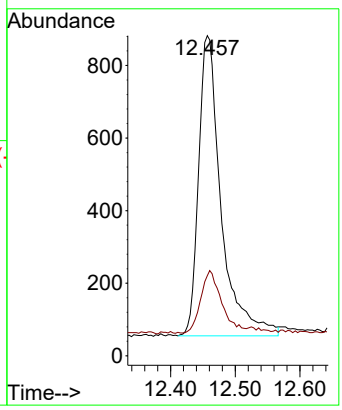


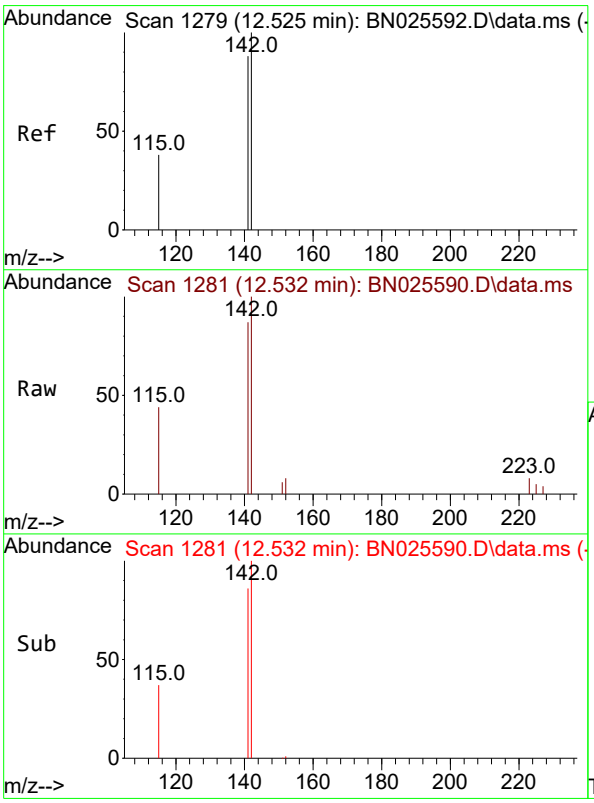
#11
2-Methylnaphthalene-d10
Concen: 0.087 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.007 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2004

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1

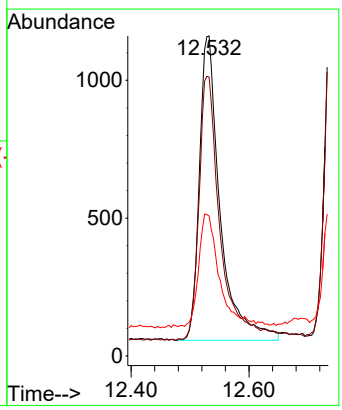


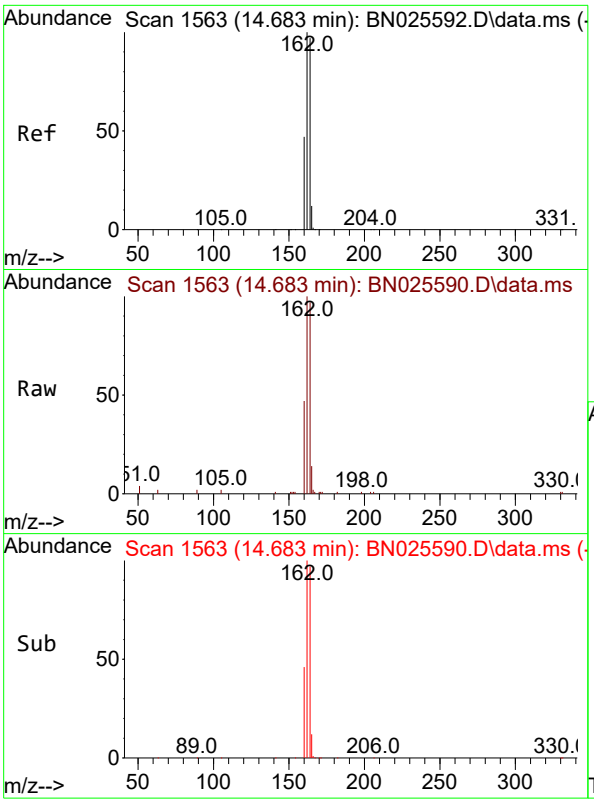


#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.532 min Scan# 1281
Delta R.T. 0.007 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:142 Resp: 2700

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.2	105.4
115	43.8	31.1	46.7



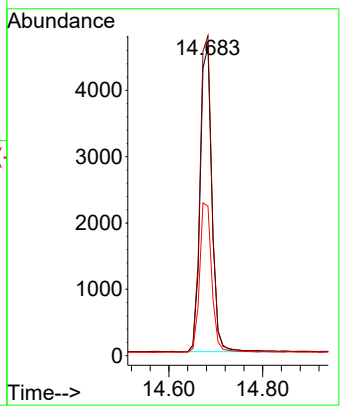


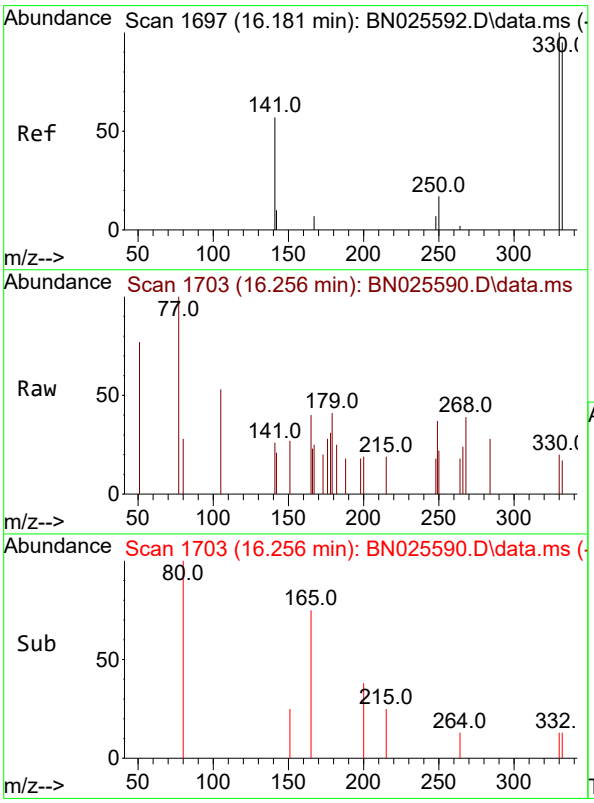
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 7982

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.7	124.1
160	48.3	38.8	58.2

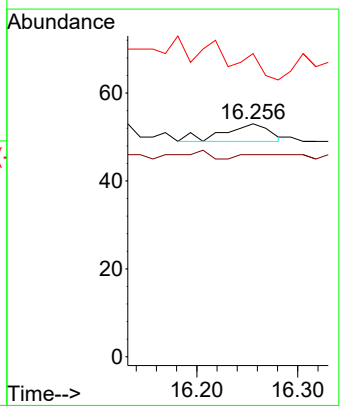


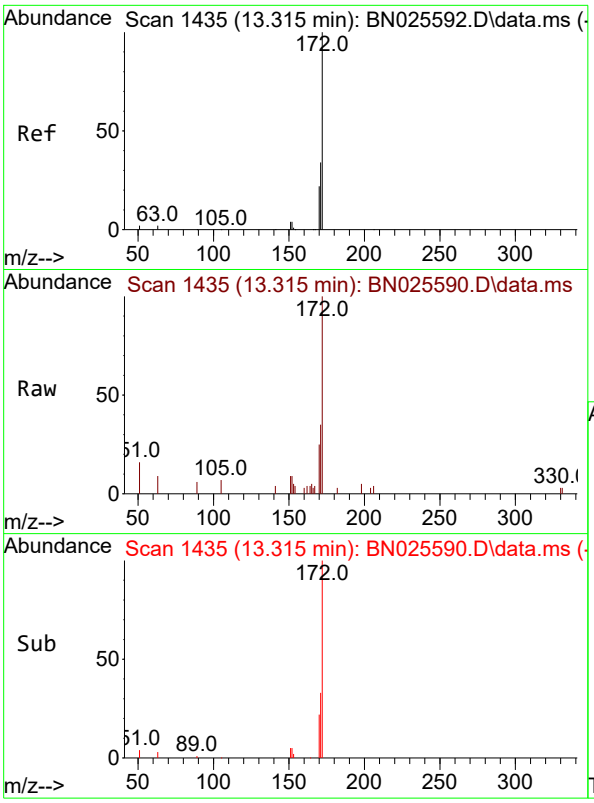


#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 16.256 min Scan# 1703
Delta R.T. 0.074 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:330 Resp: 13

Ion	Ratio	Lower	Upper
330	100		
332	7.7	78.5	117.7#
141	0.0	50.9	76.3#



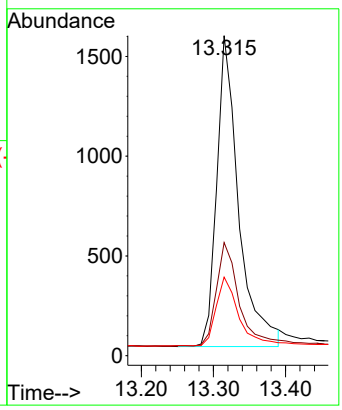


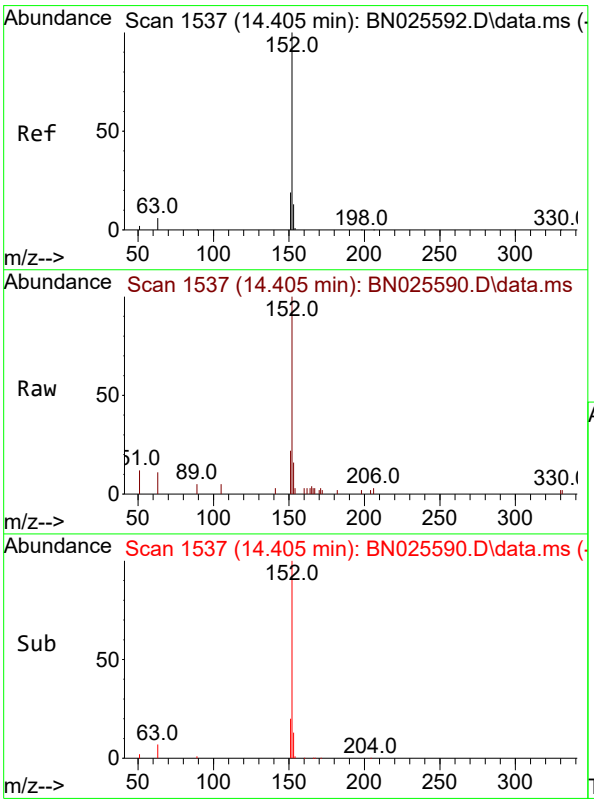
#15
2-Fluorobiphenyl
Concen: 0.095 ng
RT: 13.315 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 3275

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.2	40.8
170	24.6	17.9	26.9

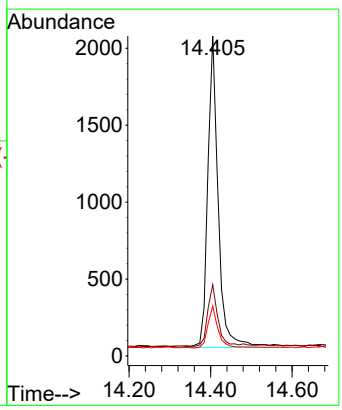


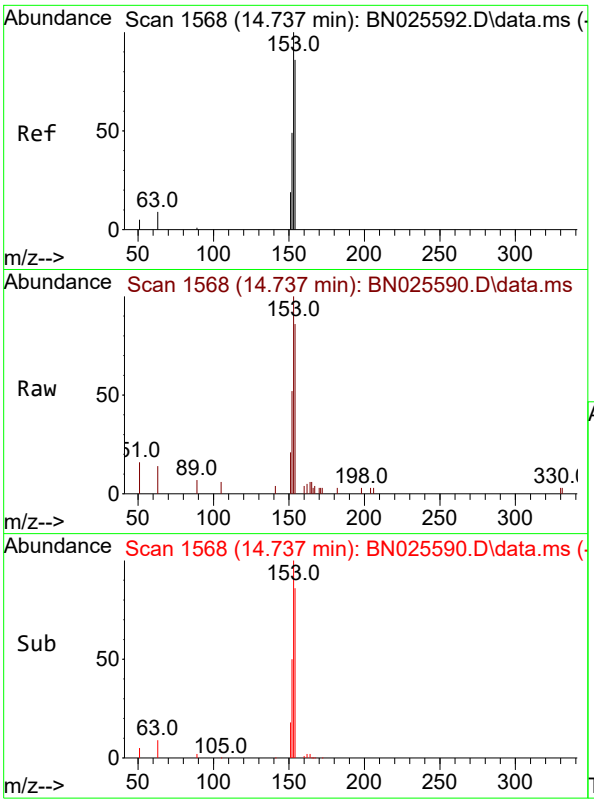


#16
Acenaphthylene
Concen: 0.092 ng
RT: 14.405 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:152 Resp: 3607

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.8	10.5	15.7



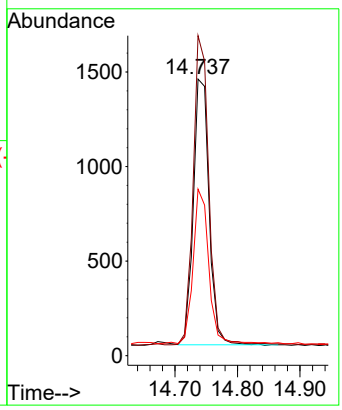


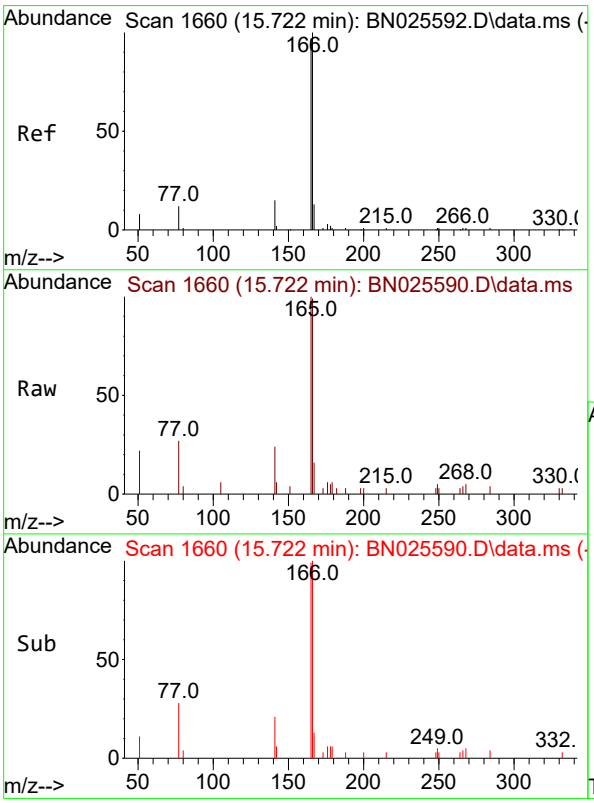
#17
Acenaphthene
Concen: 0.091 ng
RT: 14.737 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 2466

Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.4	137.0
152	57.9	45.0	67.4

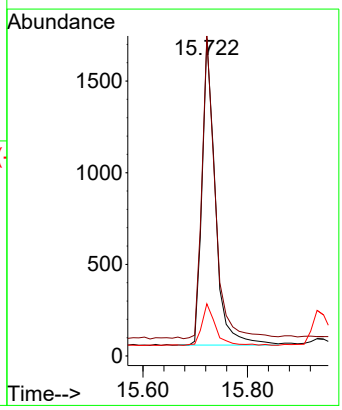


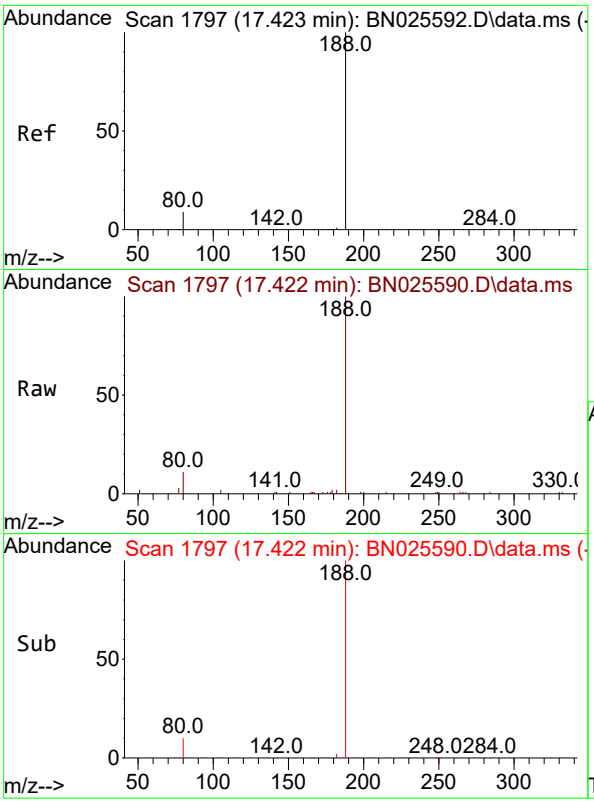


#18
Fluorene
Concen: 0.085 ng
RT: 15.722 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:166 Resp: 2866

Ion	Ratio	Lower	Upper
166	100		
165	99.5	81.0	121.4
167	14.2	10.9	16.3



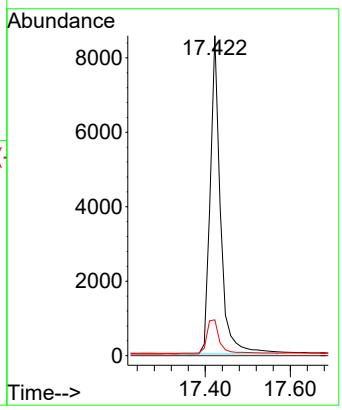


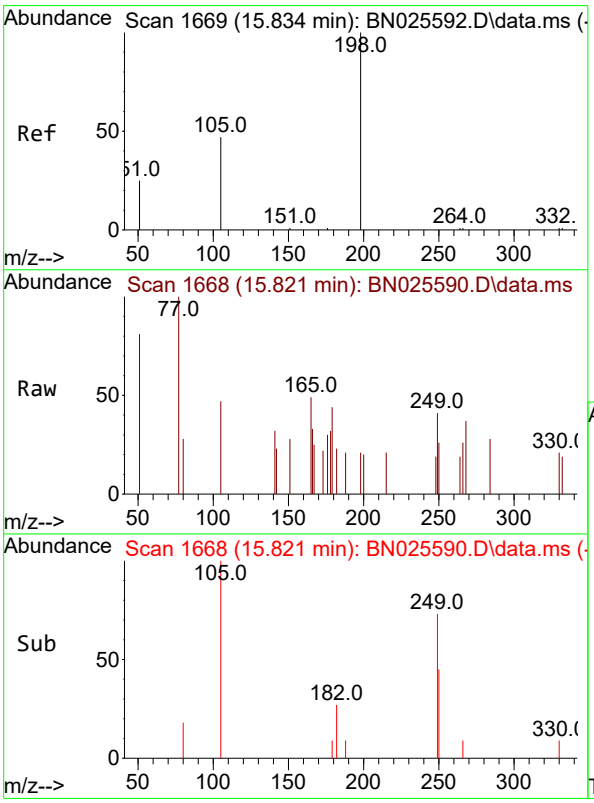
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 14354

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	7.5	11.3

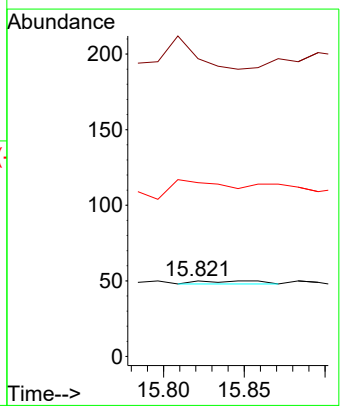


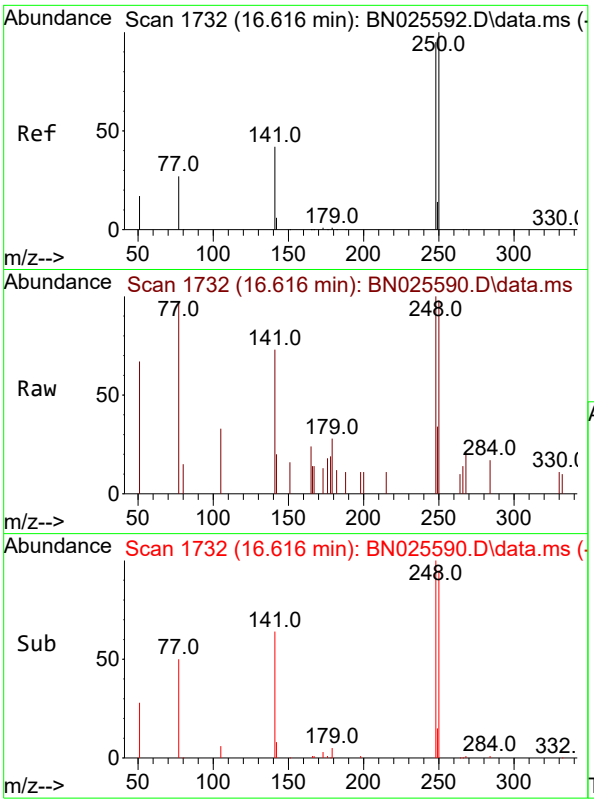


#20
4,6-Dinitro-2-methylphenol
Concen: 0.001 ng
RT: 15.821 min Scan# 1668
Delta R.T. -0.013 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:198 Resp: 5

Ion	Ratio	Lower	Upper
198	100		
51	394.0	139.5	209.3#
105	230.0	91.2	136.8#



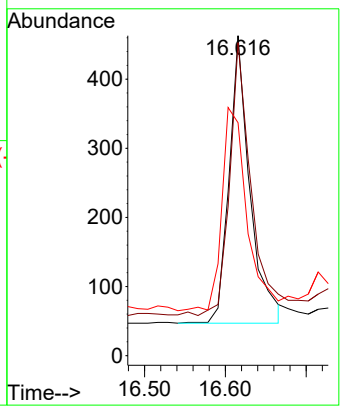


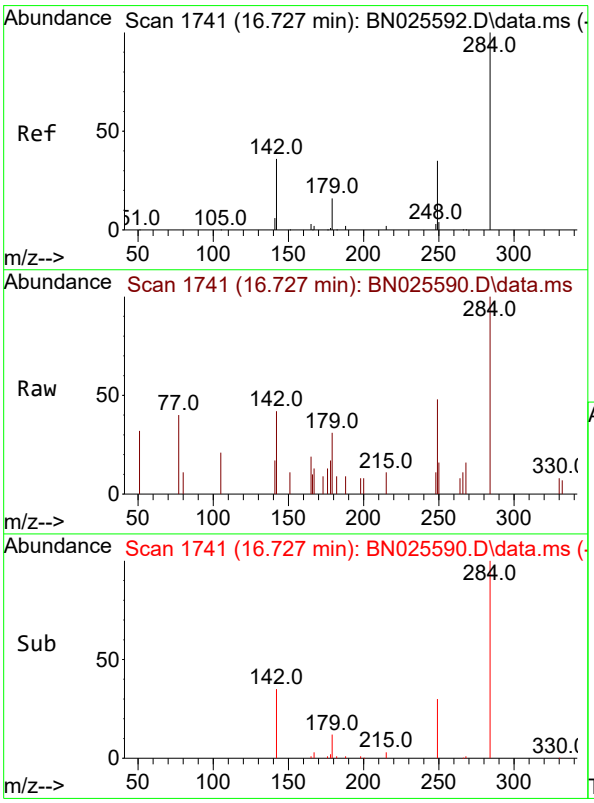
#21
4-Bromophenyl-phenylether
Concen: 0.088 ng
RT: 16.616 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 744

Ion	Ratio	Lower	Upper
248	100		
250	97.8	84.7	127.1
141	72.8	36.5	54.7#

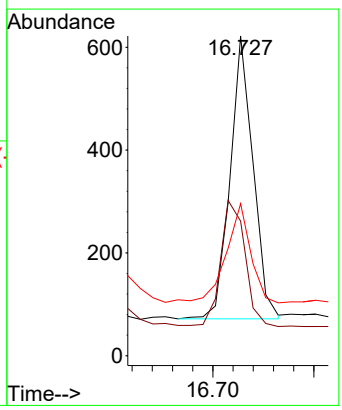


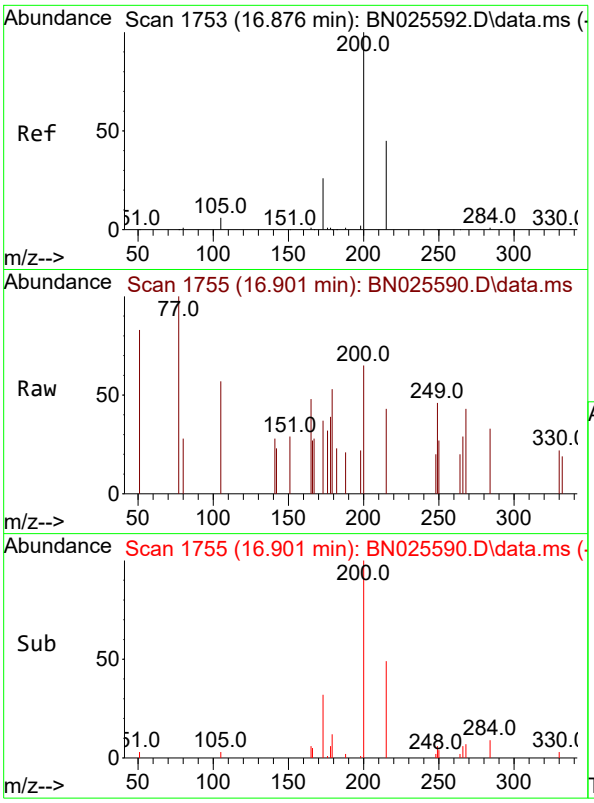


#22
Hexachlorobenzene
Concen: 0.115 ng
RT: 16.727 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:284 Resp: 868

Ion	Ratio	Lower	Upper
284	100		
142	47.2	41.2	61.8
249	37.0	28.7	43.1



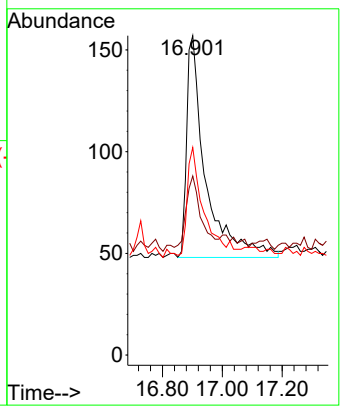


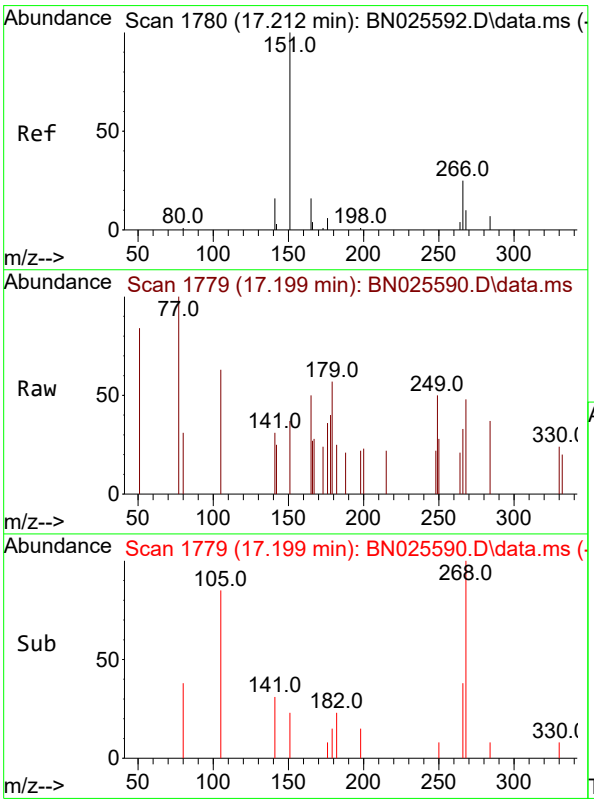
#23
Atrazine
Concen: 0.064 ng
RT: 16.901 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 480

Ion	Ratio	Lower	Upper
200	100		
173	56.1	23.3	34.9#
215	65.0	37.5	56.3#

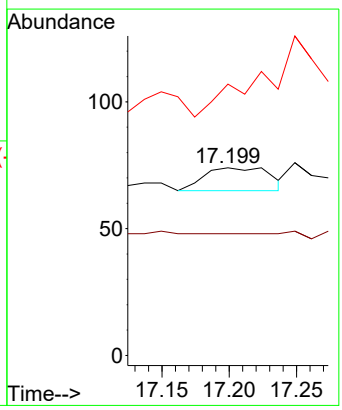


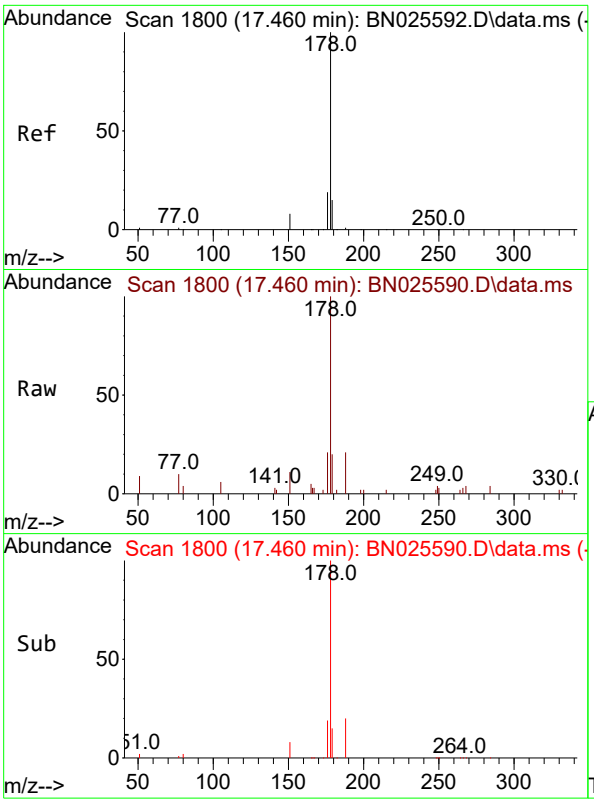


#24
Pentachlorophenol
Concen: 0.007 ng
RT: 17.199 min Scan# 1779
Delta R.T. -0.013 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:266 Resp: 31

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



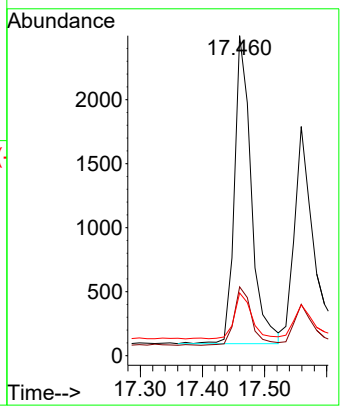


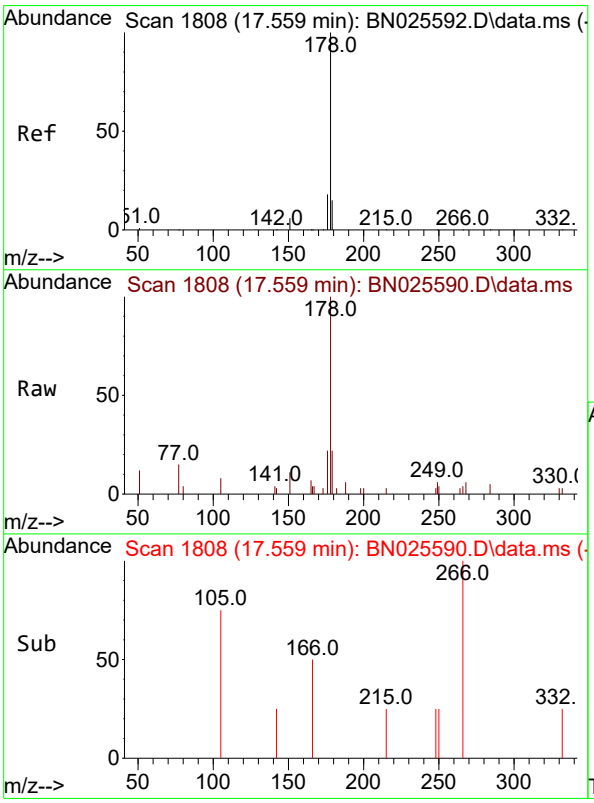
#25
Phenanthrene
Concen: 0.098 ng
RT: 17.460 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 4523

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.2
179	15.7	12.3	18.5

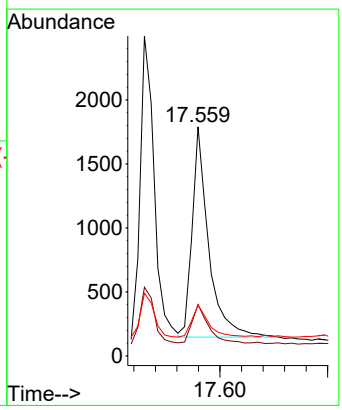


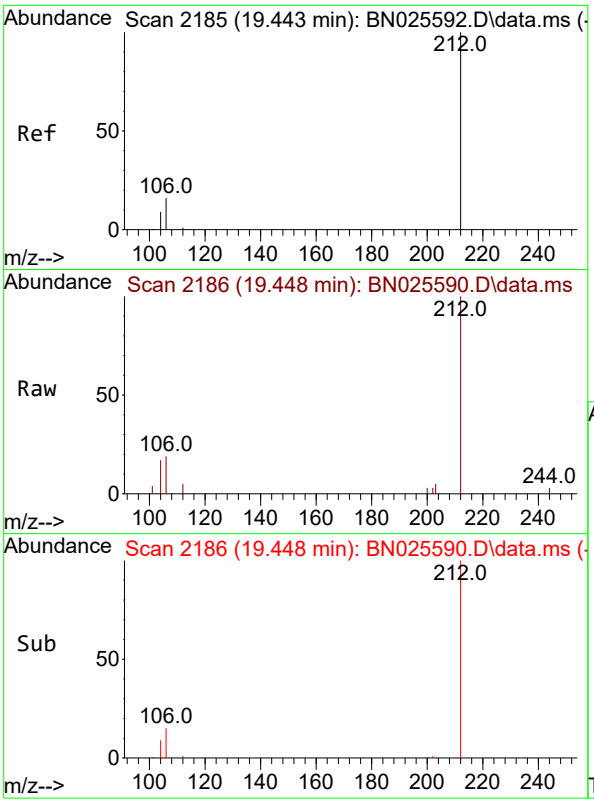


#26
Anthracene
Concen: 0.083 ng
RT: 17.559 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:178 Resp: 3501

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.9	22.3
179	15.3	12.0	18.0



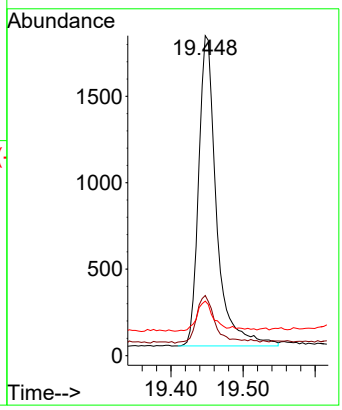


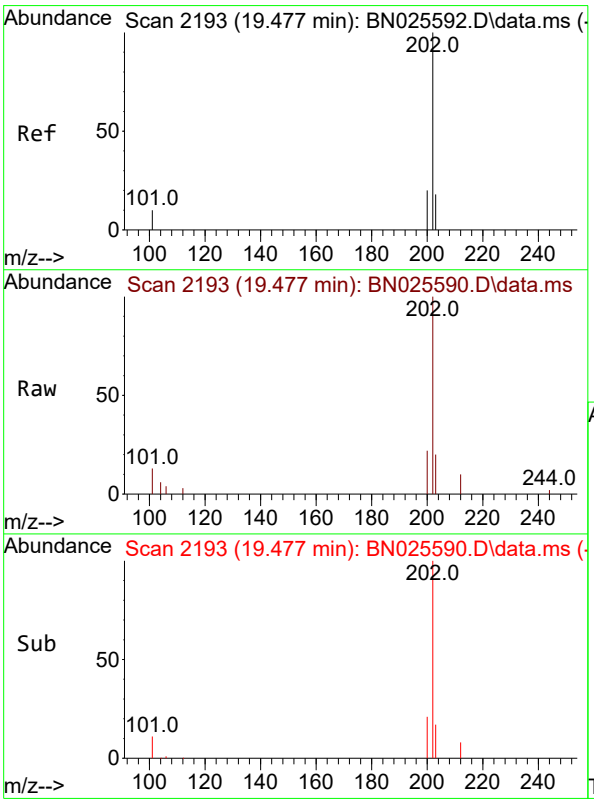
#27
Fluoranthene-d10
Concen: 0.091 ng
RT: 19.448 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 3086

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.2	18.4
104	9.1	7.0	10.6

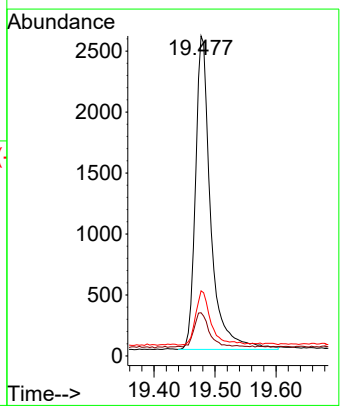


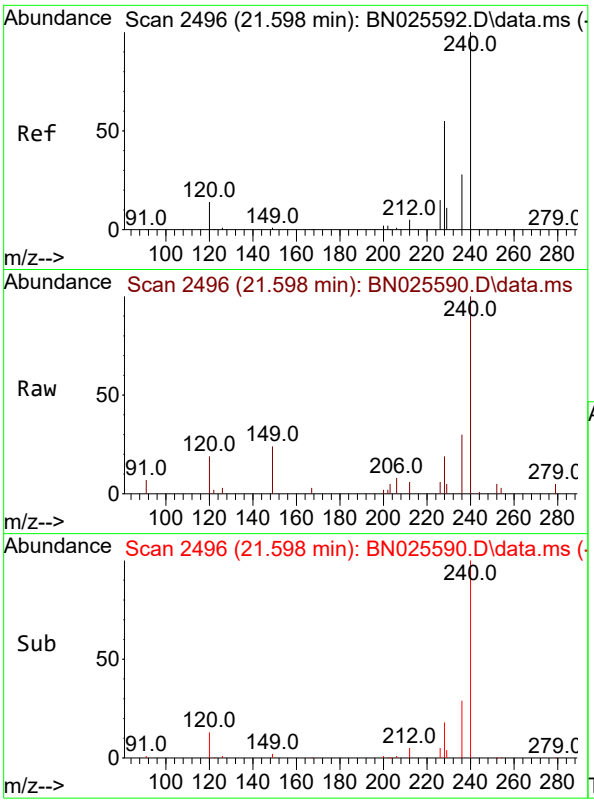


#28
Fluoranthene
Concen: 0.087 ng
RT: 19.477 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:202 Resp: 4448

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
203	17.2	13.6	20.4



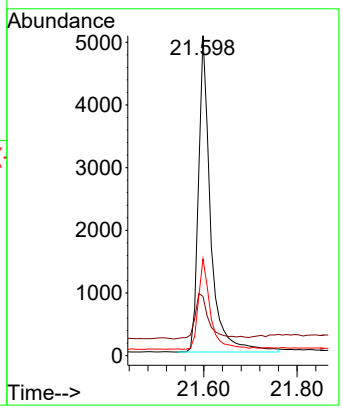


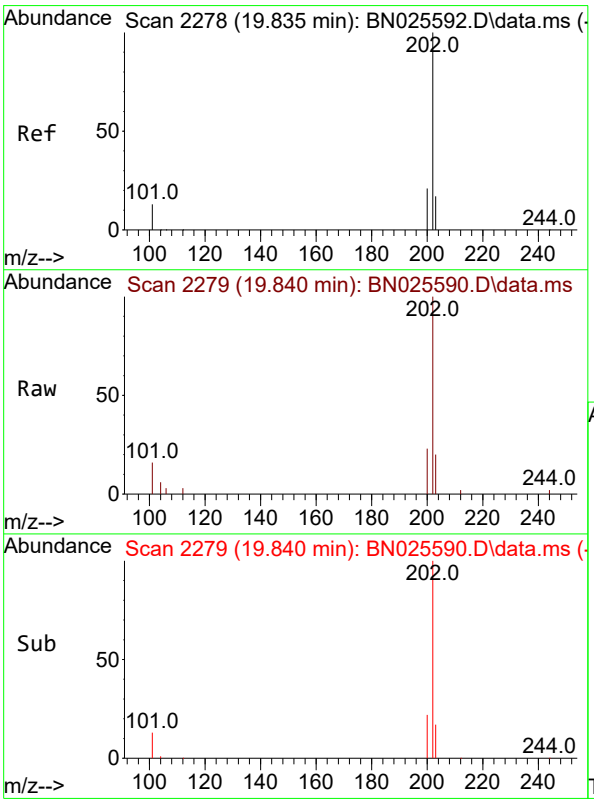
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.598 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 9124

Ion	Ratio	Lower	Upper
240	100		
120	18.5	14.2	21.2
236	30.2	23.8	35.6

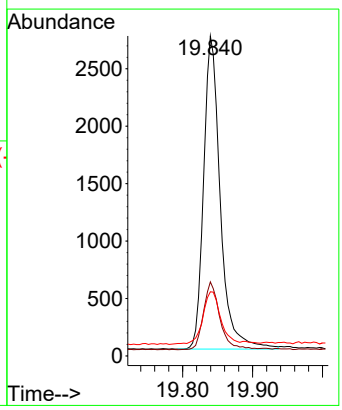


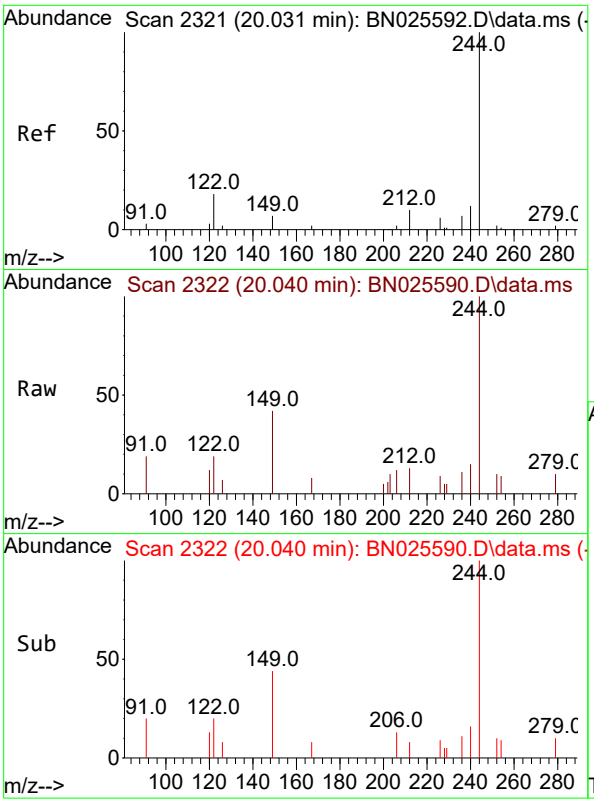


#30
Pyrene
Concen: 0.110 ng
RT: 19.840 min Scan# 2279
Delta R.T. 0.004 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:202 Resp: 4518

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.8	25.2
203	18.1	13.9	20.9



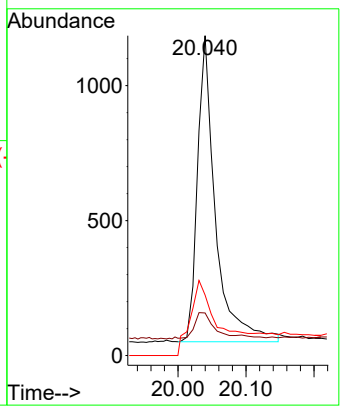


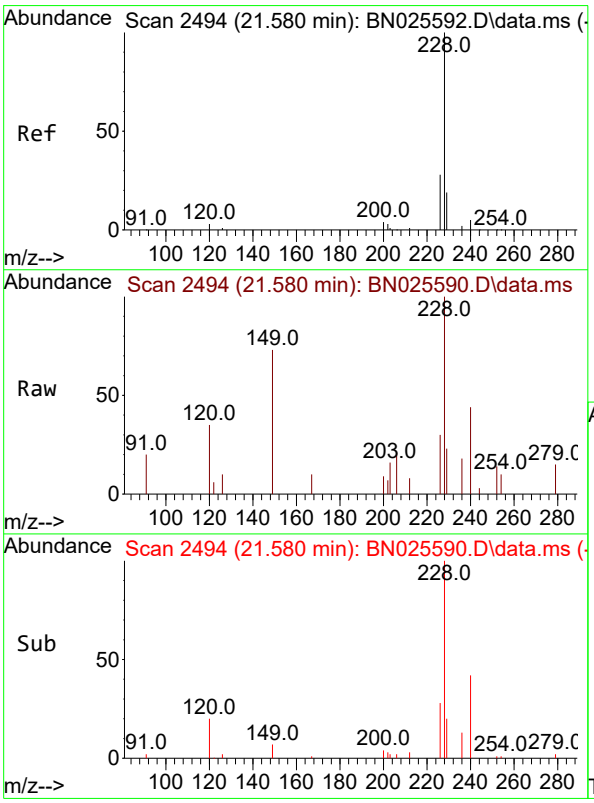
#31
Terphenyl-d14
Concen: 0.107 ng
RT: 20.040 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 2027

Ion	Ratio	Lower	Upper
244	100		
212	13.3	8.6	12.8#
122	18.9	14.2	21.2

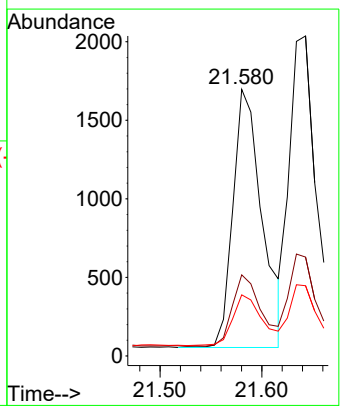


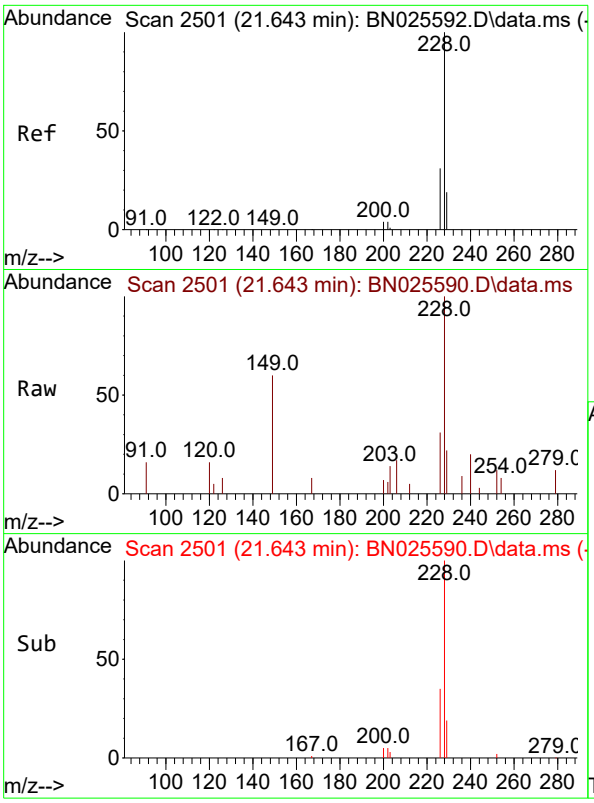


#32
Benzo(a)anthracene
Concen: 0.090 ng
RT: 21.580 min Scan# 2494
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:228 Resp: 3264

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.4
229	22.9	15.7	23.5



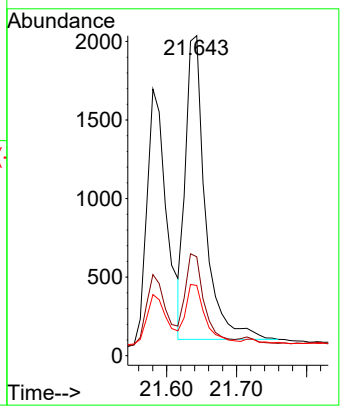


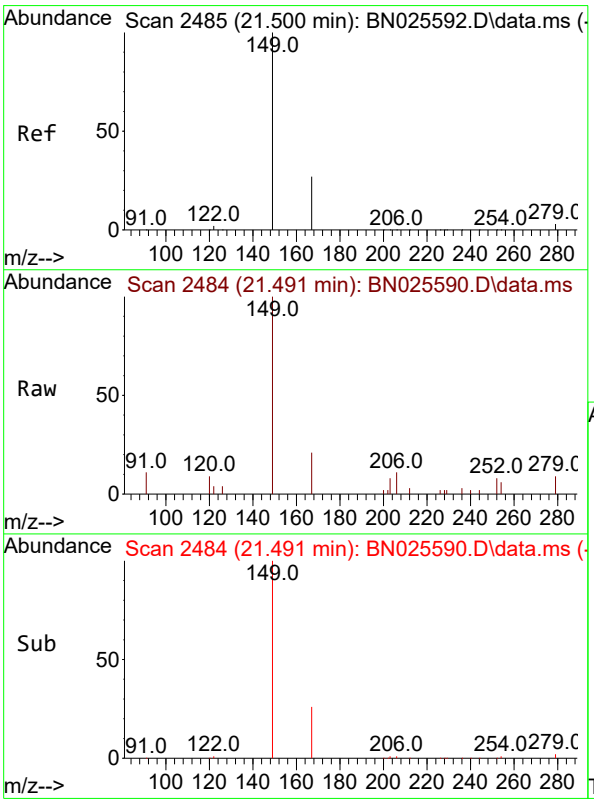
#33
Chrysene
Concen: 0.101 ng
RT: 21.643 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 3797

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	21.9	16.0	24.0

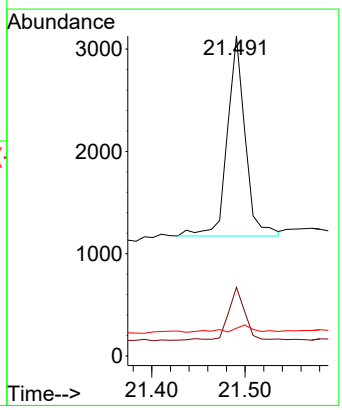


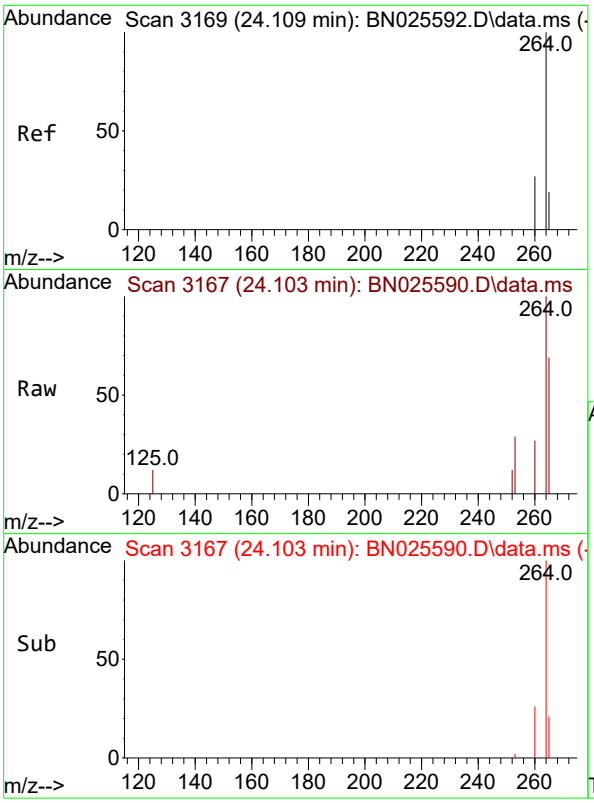


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.115 ng
RT: 21.491 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:149 Resp: 2591

Ion	Ratio	Lower	Upper
149	100		
167	25.0	21.2	31.8
279	5.1	2.4	3.6#



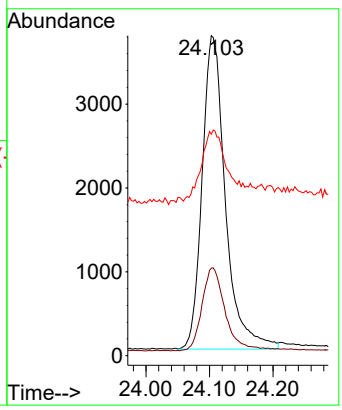


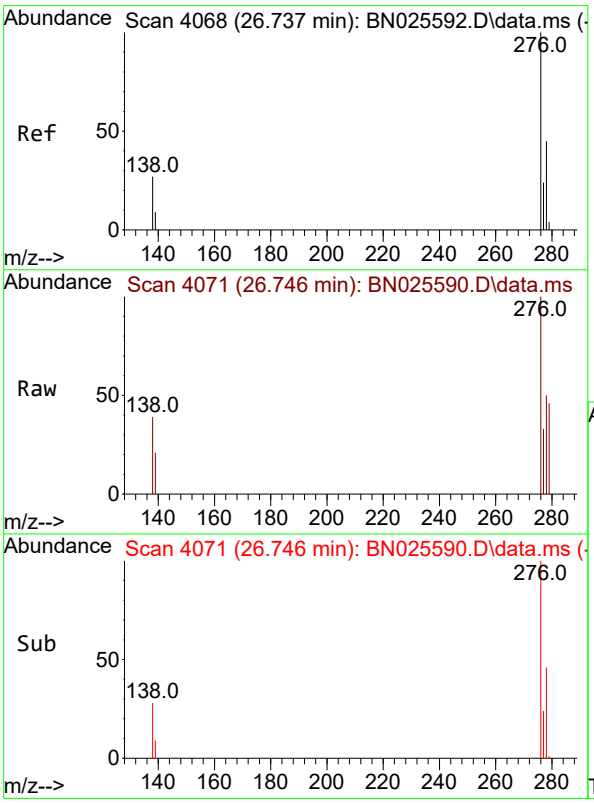
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.103 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 9509

Ion	Ratio	Lower	Upper
264	100		
260	27.4	22.2	33.4
265	69.2	52.7	79.1

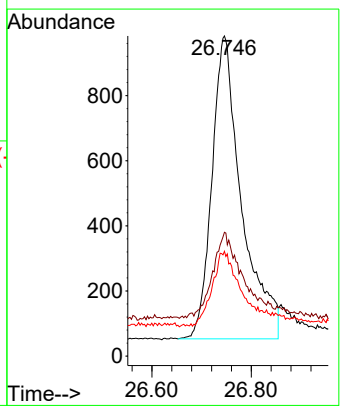


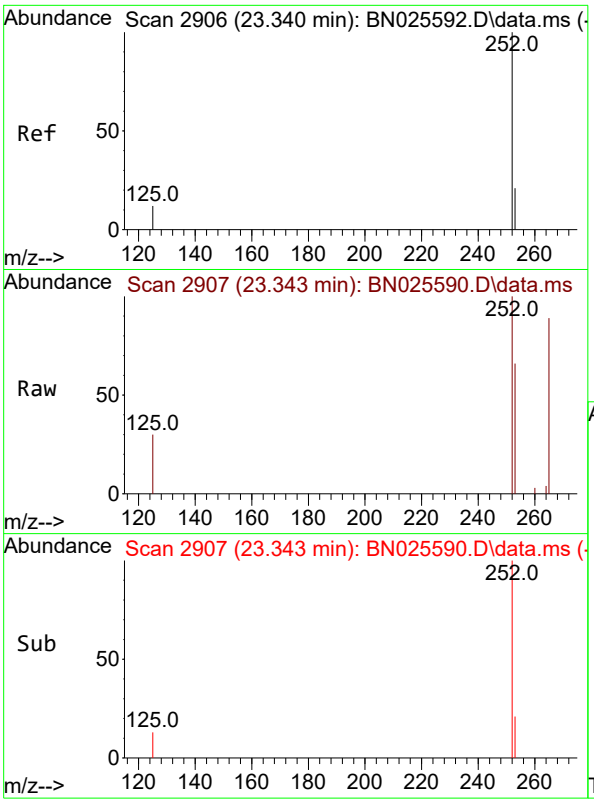


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.089 ng
RT: 26.746 min Scan# 4071
Delta R.T. 0.009 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:276 Resp: 3861

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.7	35.5
277	9.4	19.0	28.4#



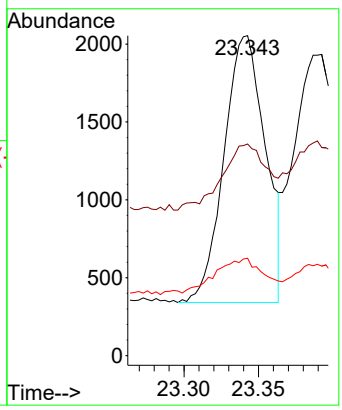


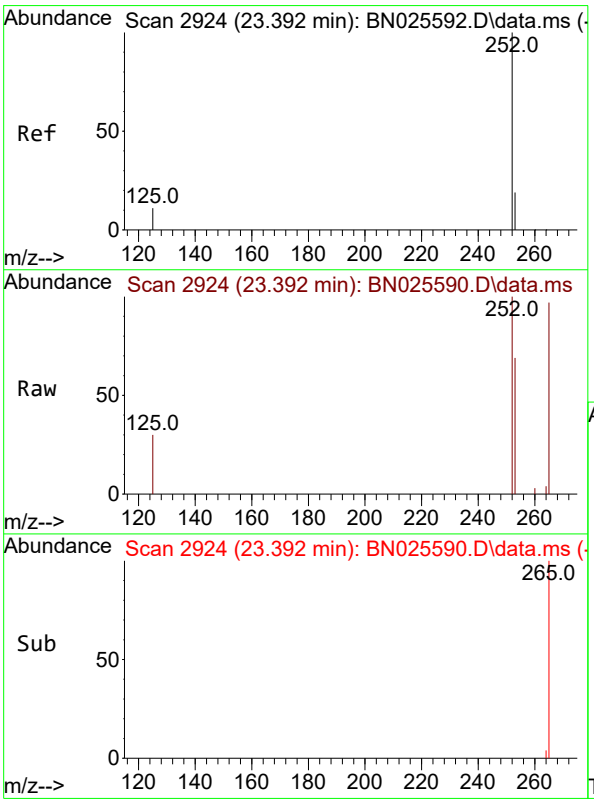
#37
Benzo(b)fluoranthene
Concen: 0.086 ng
RT: 23.343 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3305

Ion	Ratio	Lower	Upper
252	100		
253	66.2	25.8	38.6#
125	30.4	13.1	19.7#

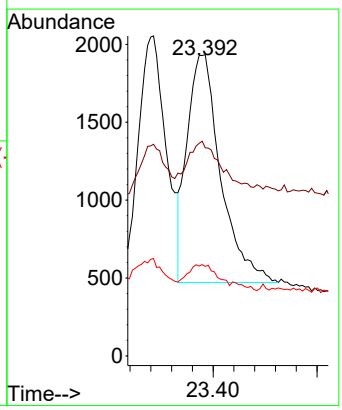


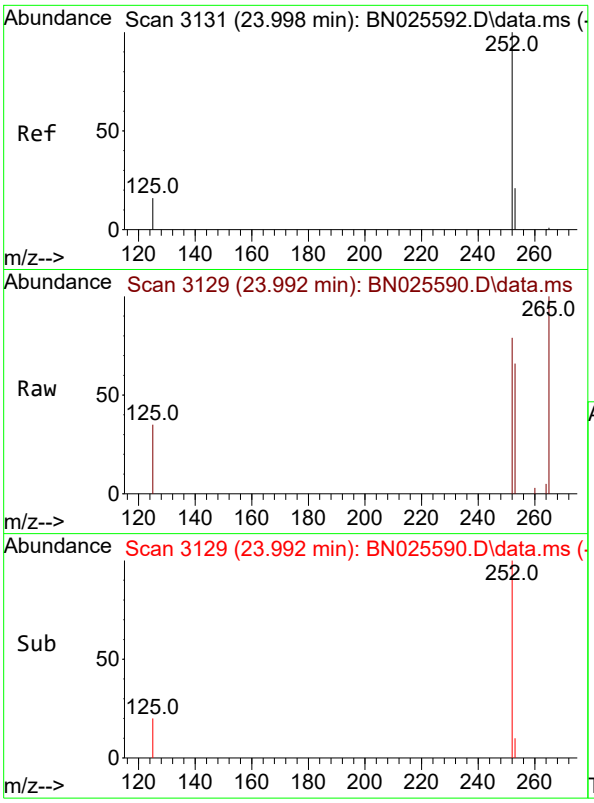


#38
Benzo(k)fluoranthene
Concen: 0.084 ng
RT: 23.392 min Scan# 2924
Delta R.T. -0.000 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:252 Resp: 3288

Ion	Ratio	Lower	Upper
252	100		
253	69.1	25.0	37.6#
125	29.7	12.7	19.1#



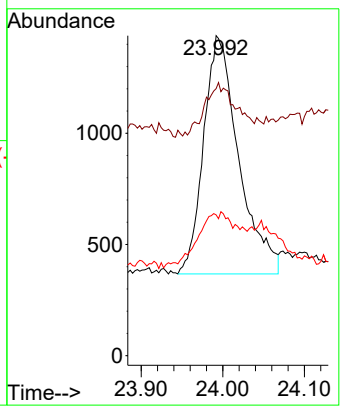


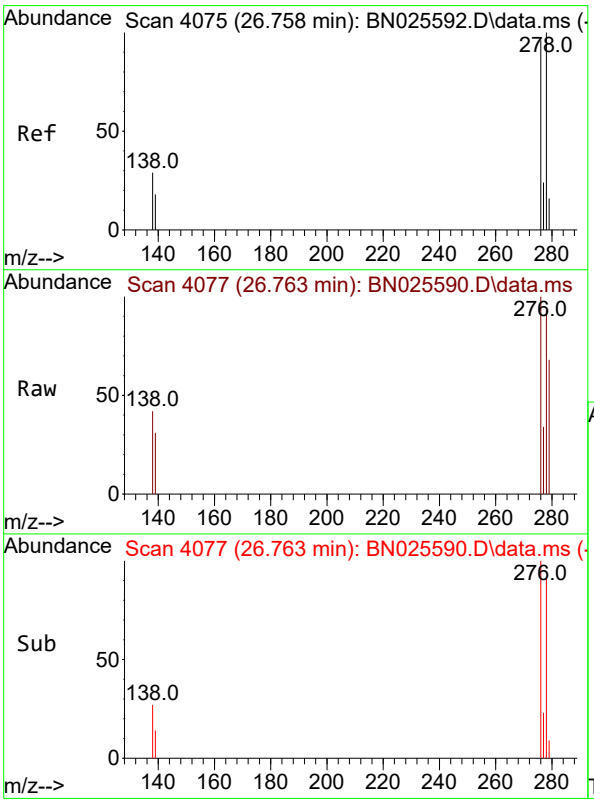
#39
Benzo(a)pyrene
Concen: 0.091 ng
RT: 23.992 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 3201

Ion	Ratio	Lower	Upper
252	100		
253	83.5	28.6	43.0#
125	44.0	16.9	25.3#

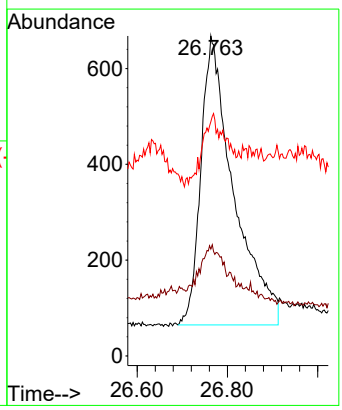


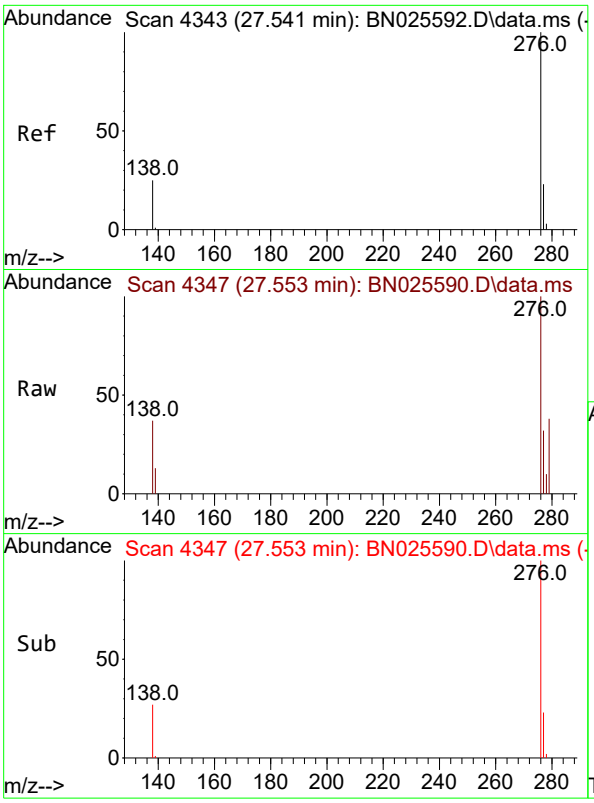


#40
Dibenzo(a,h)anthracene
Concen: 0.086 ng
RT: 26.763 min Scan# 4077
Delta R.T. 0.006 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Tgt Ion:278 Resp: 3042

Ion	Ratio	Lower	Upper
278	100		
139	33.4	18.4	27.6#
279	73.2	25.8	38.6#





#41
Benzo(g,h,i)perylene
Concen: 0.099 ng
RT: 27.553 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN025590.D
Acq: 25 May 2023 17:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 3670

Ion	Ratio	Lower	Upper
276	100		
277	32.3	20.0	30.0#
138	37.2	22.8	34.2#