Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025591.D
Acq On : 25 May 2023 18:11
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 26 00:03:52 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	5148	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	13990	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	7510	0.400	ng		0.00
19) Phenanthrene-d10	17.423	188	14706	0.400	ng		0.00
29) Chrysene-d12	21.598	240	9281	0.400	ng		0.00
35) Perylene-d12	24.103	264	9361	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.593	112	3041	0.230	ng		0.00
5) Phenol-d6	7.203	99	3015	0.181	ng		0.00
8) Nitrobenzene-d5	9.223	82	1843	0.143	ng		0.01
11) 2-Methylnaphthalene-d10	12.453	152	3726	0.182	ng		0.00
14) 2,4,6-Tribromophenol	16.219	330	13	0.004	ng		0.04
15) 2-Fluorobiphenyl	13.315	172	6193	0.190	ng		0.00
27) Fluoranthene-d10	19.448	212	6325	0.181	ng		0.00
31) Terphenyl-d14	20.040	244	3579	0.186	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	1369	0.230	ng		95
3) n-Nitrosodimethylamine	3.787	42	919	0.130	ng	#	96
6) bis(2-Chloroethyl)ether	7.471	93	4692	0.307	ng	#	82
9) Naphthalene	10.921	128	7786	0.201	ng		97
10) Hexachlorobutadiene	11.209	225	1433	0.212	ng	#	98
12) 2-Methylnaphthalene	12.525	142	4880	0.178	ng		97
16) Acenaphthylene	14.406	152	6683	0.181	ng		100
17) Acenaphthene	14.737	154	4578	0.180	ng		98
18) Fluorene	15.722	166	5564	0.175	ng		99
20) 4,6-Dinitro-2-methylph...	15.846	198	7	0.002	ng	#	3
21) 4-Bromophenyl-phenylether	16.616	248	1577	0.181	ng	#	87
22) Hexachlorobenzene	16.728	284	1641	0.211	ng		99
23) Atrazine	16.889	200	1028	0.134	ng	#	92
24) Pentachlorophenol	17.199	266	10	0.002	ng	#	1
25) Phenanthrene	17.460	178	8925	0.189	ng		100
26) Anthracene	17.559	178	7352	0.171	ng		99
28) Fluoranthene	19.477	202	9073	0.174	ng		99
30) Pyrene	19.840	202	9297	0.222	ng		100
32) Benzo(a)anthracene	21.580	228	6473	0.176	ng		99
33) Chrysene	21.634	228	7639	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.491	149	5251	0.230	ng		94
36) Indeno(1,2,3-cd)pyrene	26.734	276	8000	0.187	ng		94
37) Benzo(b)fluoranthene	23.334	252	6838	0.181	ng	#	80
38) Benzo(k)fluoranthene	23.387	252	6692	0.174	ng	#	82
39) Benzo(a)pyrene	23.986	252	6569	0.189	ng	#	71
40) Dibenzo(a,h)anthracene	26.755	278	5782	0.167	ng	#	82
41) Benzo(g,h,i)perylene	27.538	276	7290	0.200	ng		94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025591.D
Acq On : 25 May 2023 18:11
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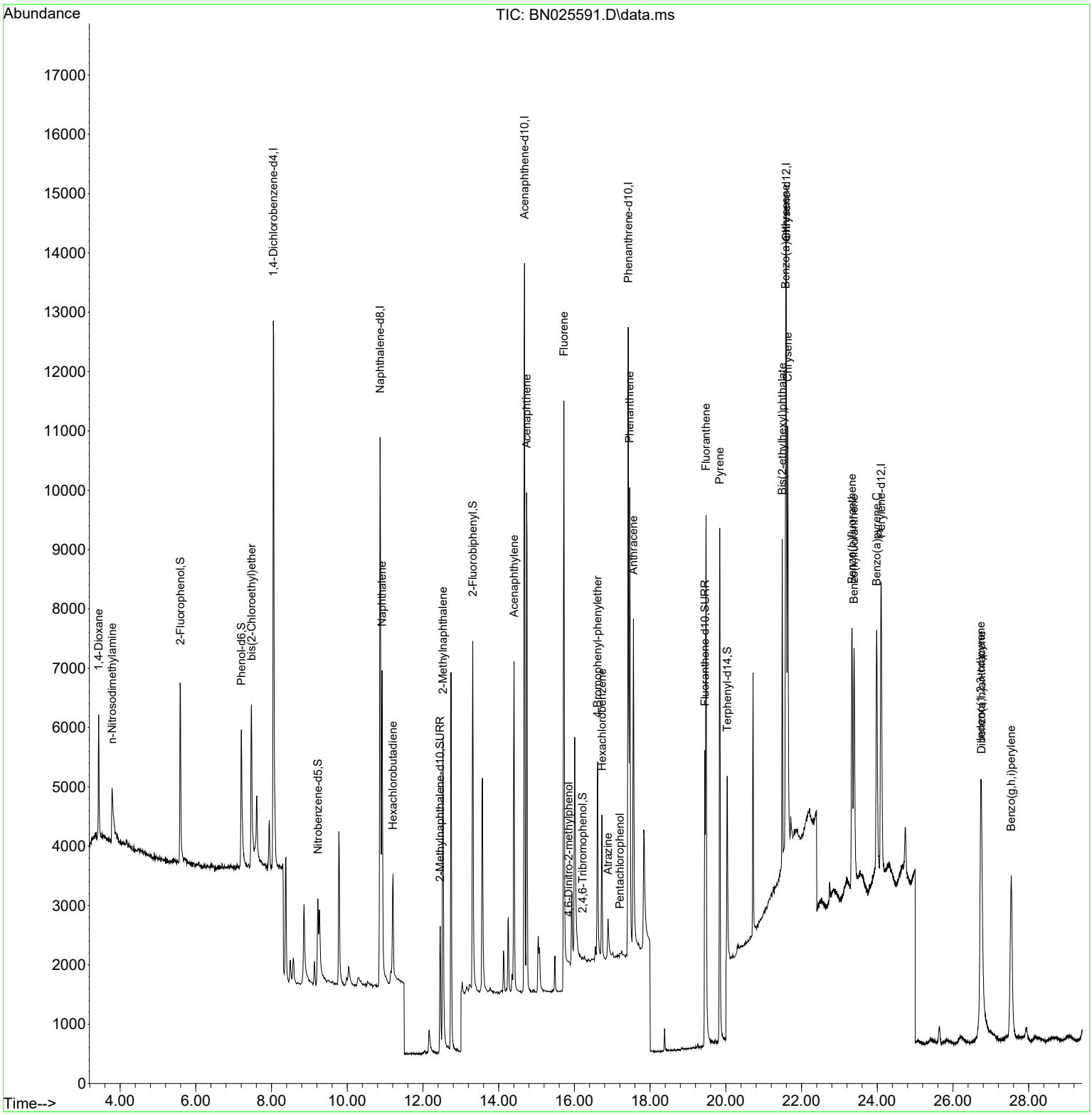
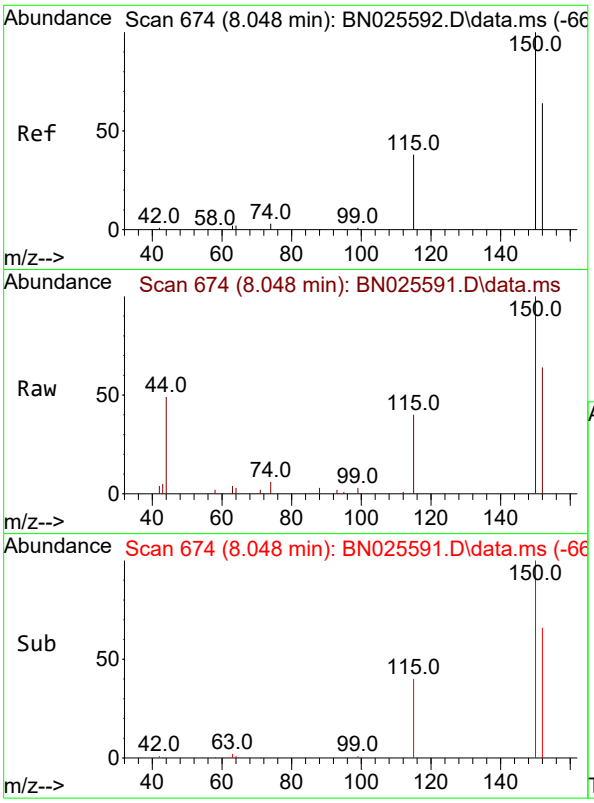
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: May 26 00:03:52 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



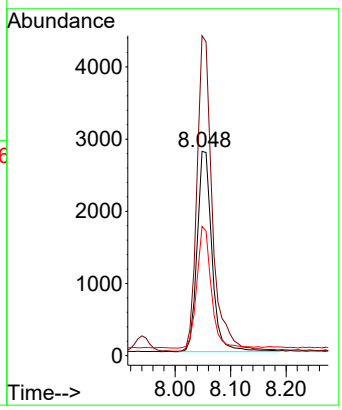


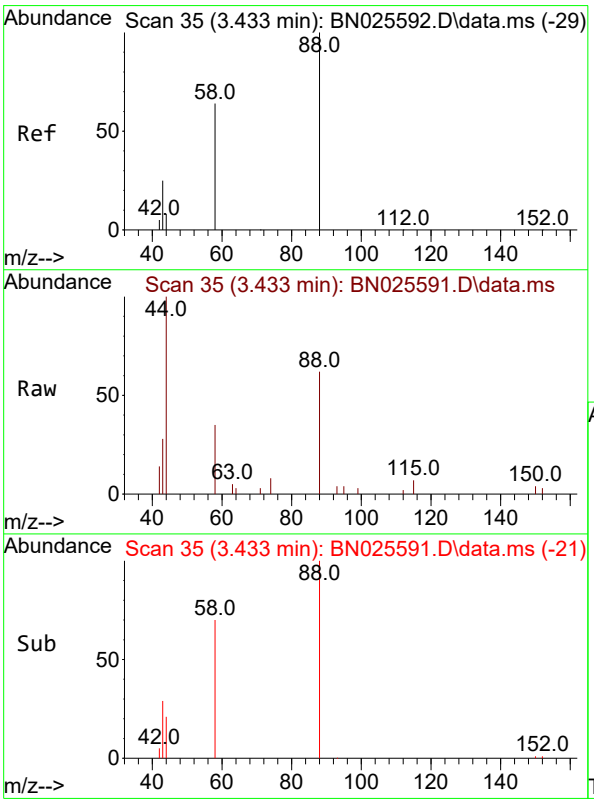
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.048 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5148

Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	187.0
115	63.3	49.2	73.8

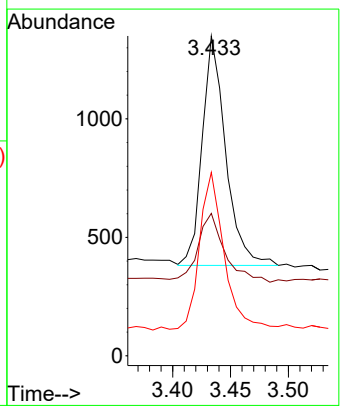


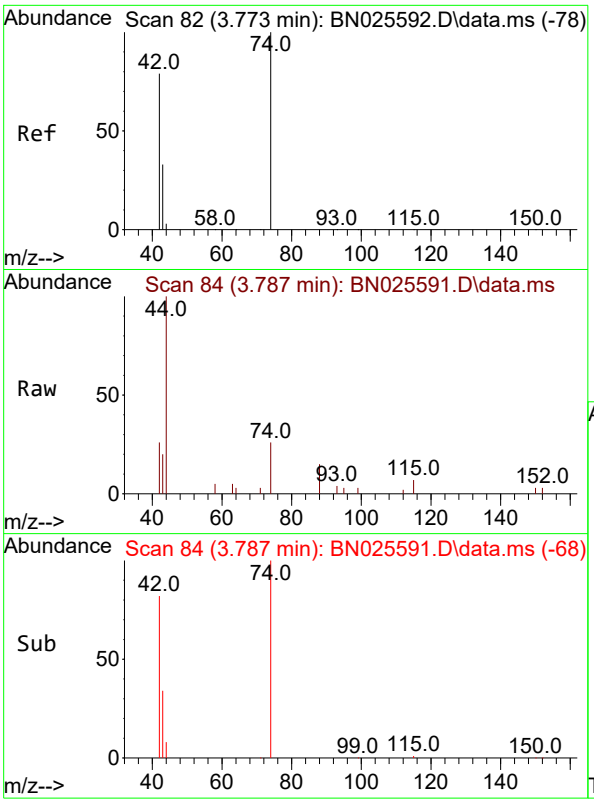


#2
1,4-Dioxane
Concen: 0.230 ng
RT: 3.433 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion: 88 Resp: 1369

Ion	Ratio	Lower	Upper
88	100		
43	34.4	23.5	35.3
58	73.0	56.7	85.1



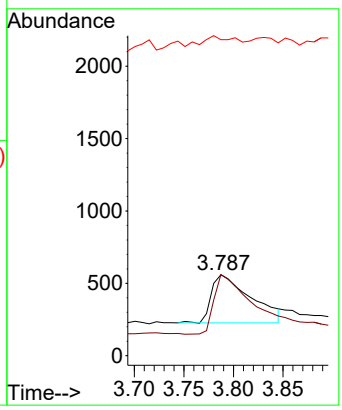


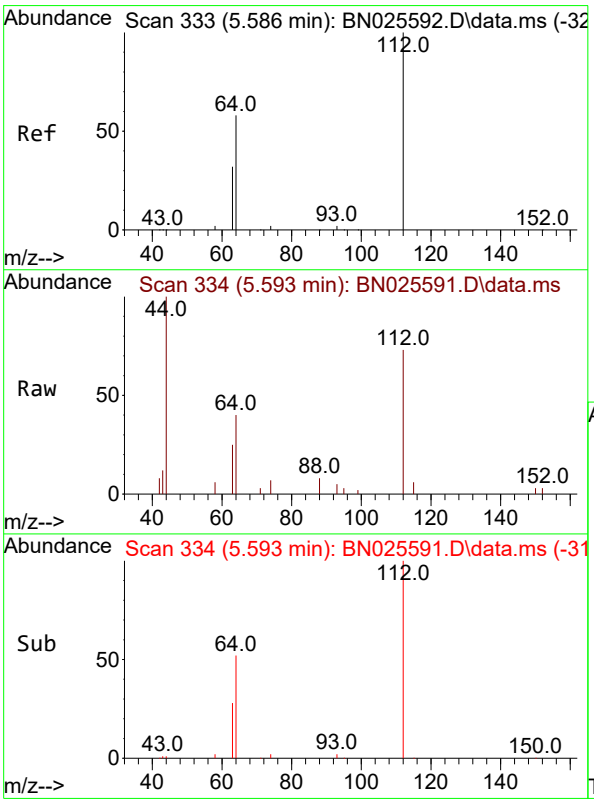
#3
n-Nitrosodimethylamine
Concen: 0.130 ng
RT: 3.787 min Scan# 84
Delta R.T. 0.015 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 919

Ion	Ratio	Lower	Upper
42	100		
74	118.9	97.6	146.4
44	18.4	8.3	12.5#

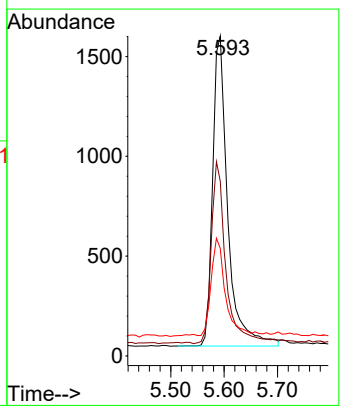


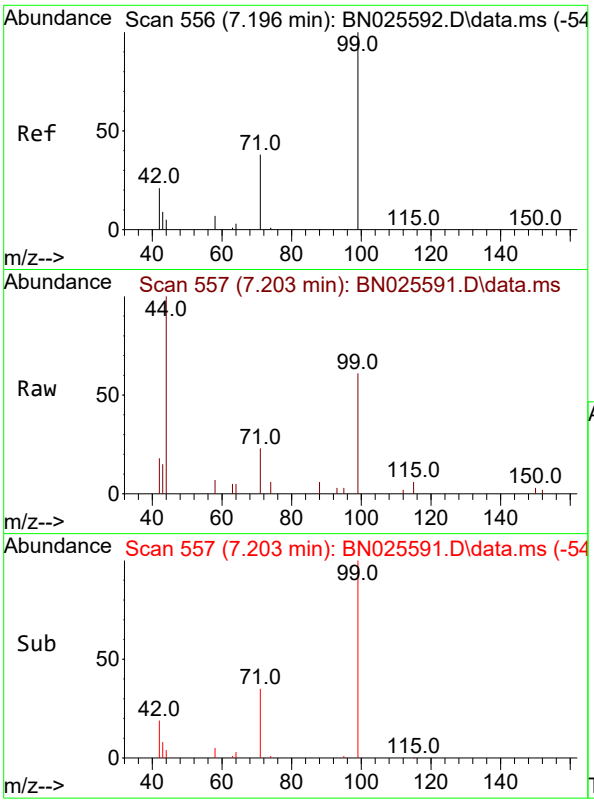


#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.593 min Scan# 334
Delta R.T. 0.007 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:112 Resp: 3041

Ion	Ratio	Lower	Upper
112	100		
64	57.1	45.3	67.9
63	29.7	25.1	37.7



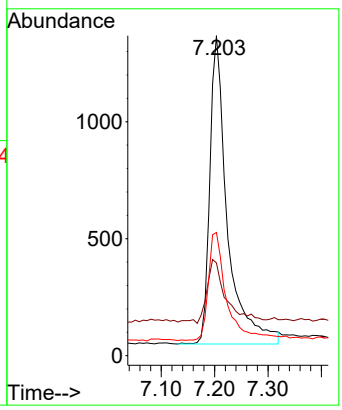


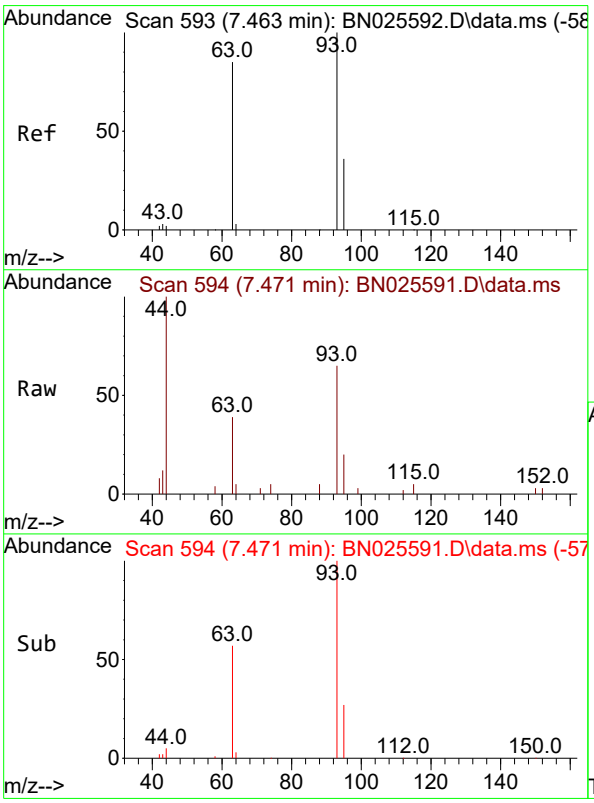
#5
Phenol-d6
Concen: 0.181 ng
RT: 7.203 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 3015

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.9	25.3
71	36.6	29.6	44.4

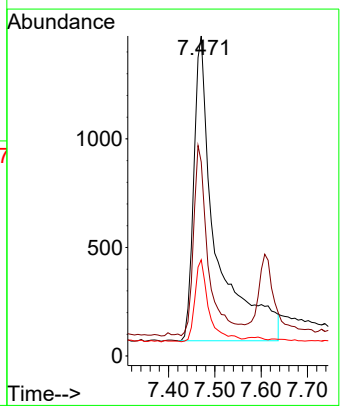


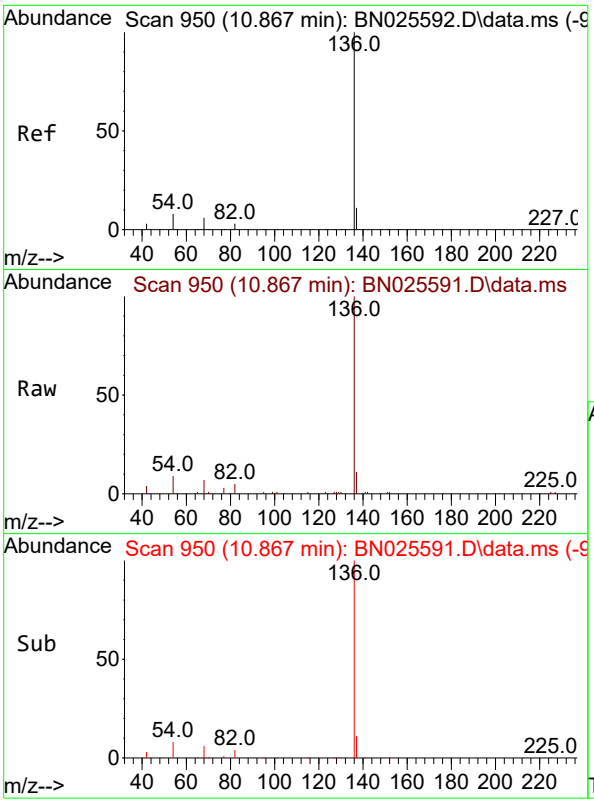


#6
bis(2-Chloroethyl)ether
Concen: 0.307 ng
RT: 7.471 min Scan# 594
Delta R.T. 0.007 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion: 93 Resp: 4692

Ion	Ratio	Lower	Upper
93	100		
63	40.8	43.4	65.2#
95	16.9	19.5	29.3#



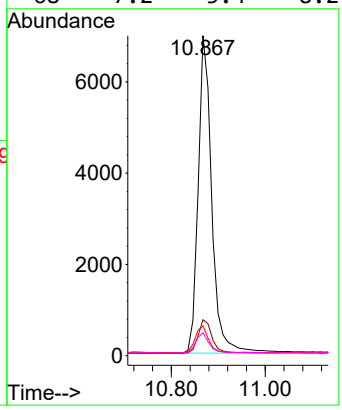


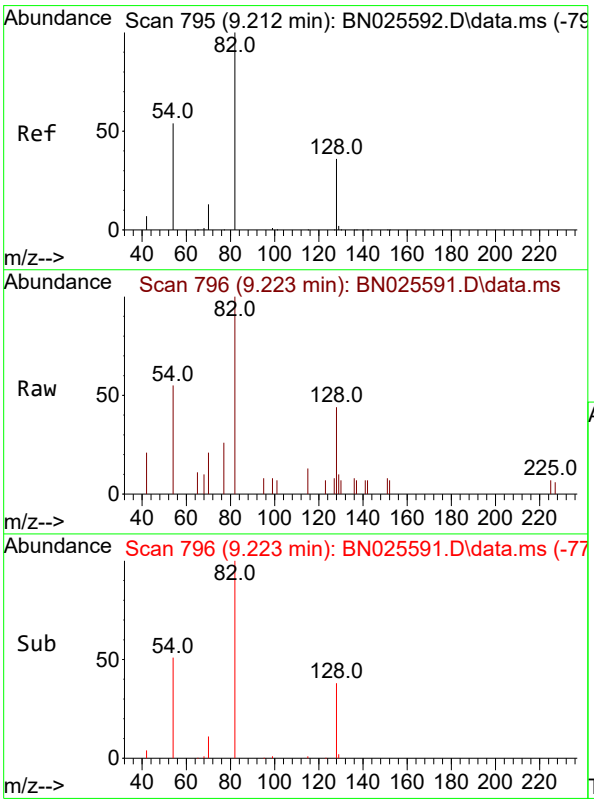
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.867 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 13990

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.3	6.8	10.2
68	7.2	5.4	8.2

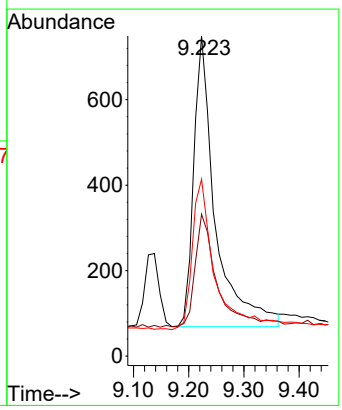


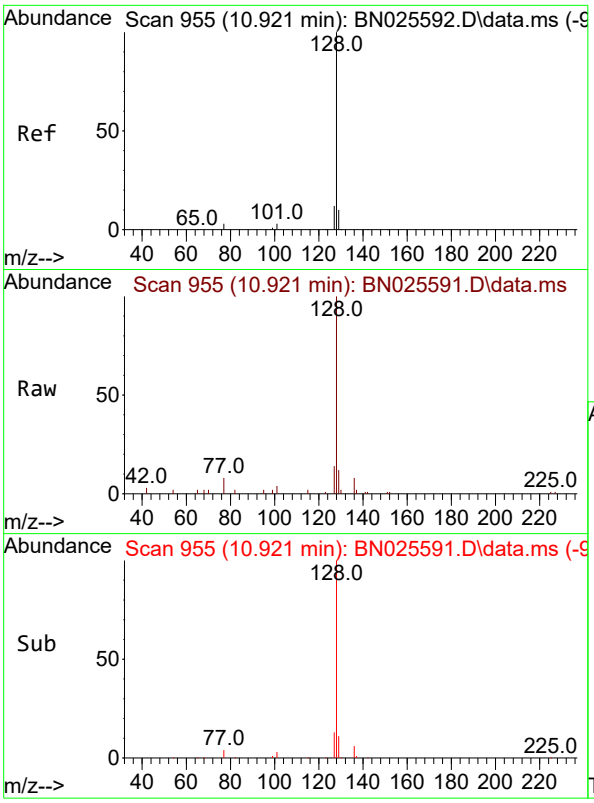


#8
Nitrobenzene-d5
Concen: 0.143 ng
RT: 9.223 min Scan# 796
Delta R.T. 0.011 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion: 82 Resp: 1843

Ion	Ratio	Lower	Upper
82	100		
128	44.3	30.5	45.7
54	55.3	44.1	66.1



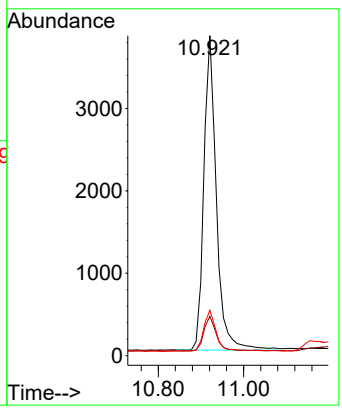


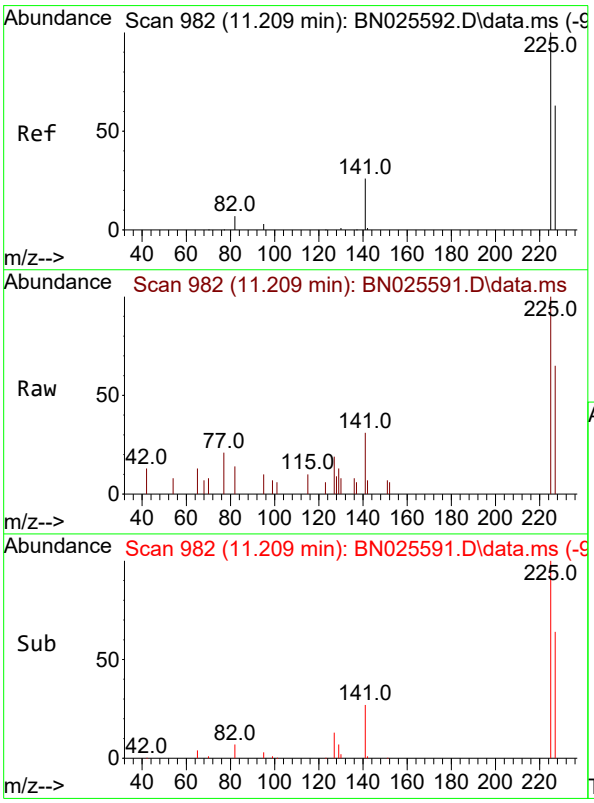
#9
Naphthalene
Concen: 0.201 ng
RT: 10.921 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 7786

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.8	13.2
127	14.2	10.3	15.5

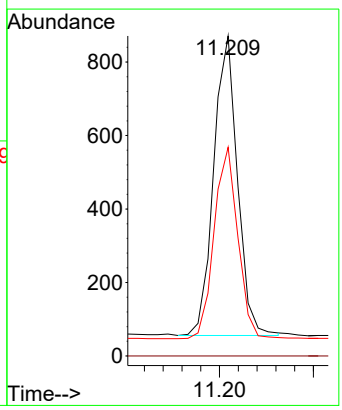


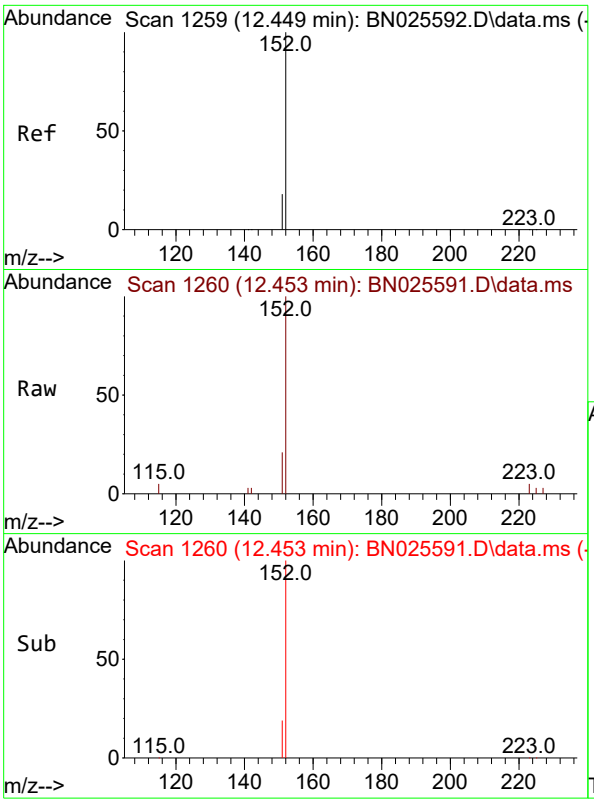


#10
Hexachlorobutadiene
Concen: 0.212 ng
RT: 11.209 min Scan# 982
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:225 Resp: 1433

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.0	75.0



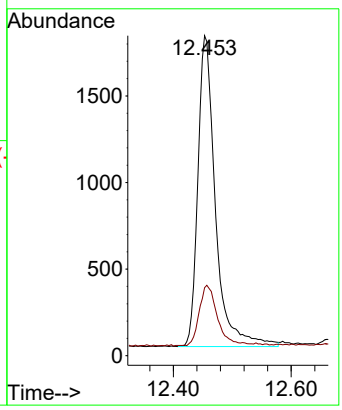


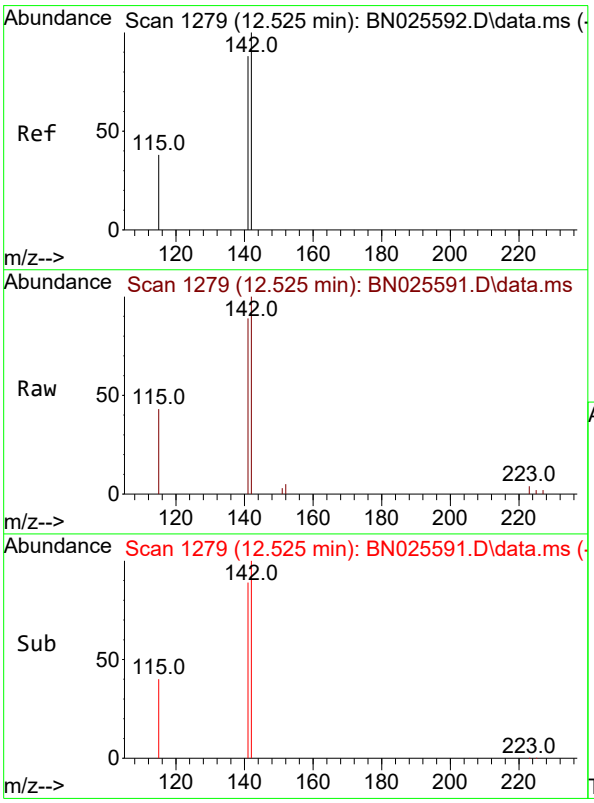
#11
2-Methylnaphthalene-d10
Concen: 0.182 ng
RT: 12.453 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 3726

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1

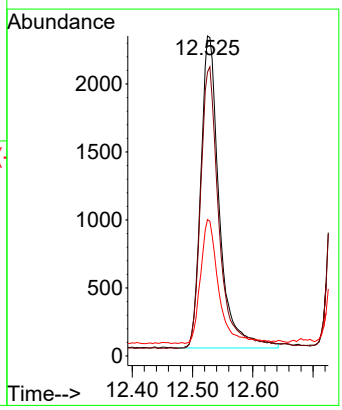


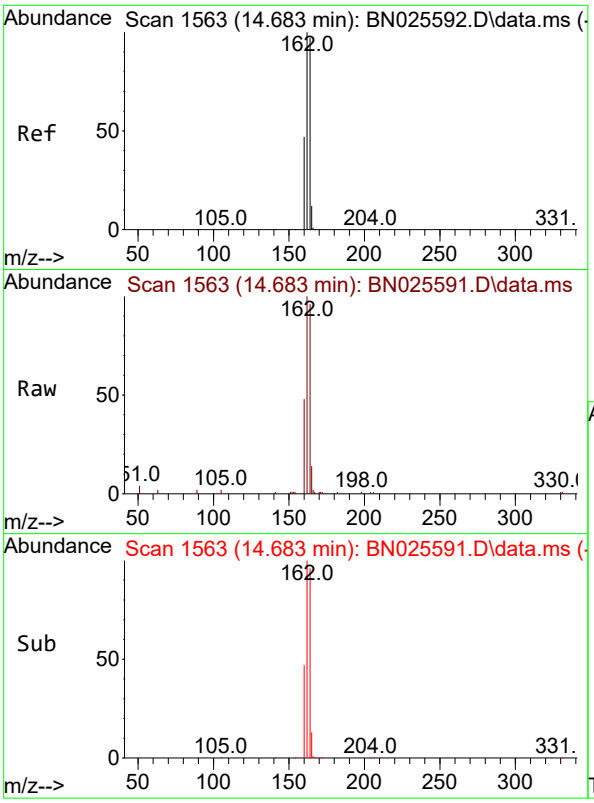


#12
2-Methylnaphthalene
Concen: 0.178 ng
RT: 12.525 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:142 Resp: 4880

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.2	105.4
115	42.6	31.1	46.7



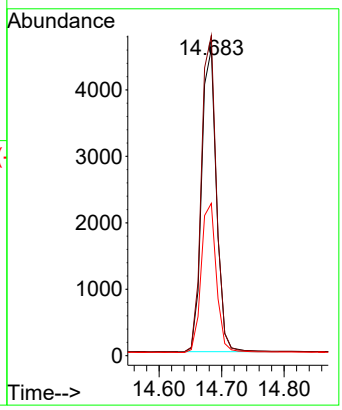


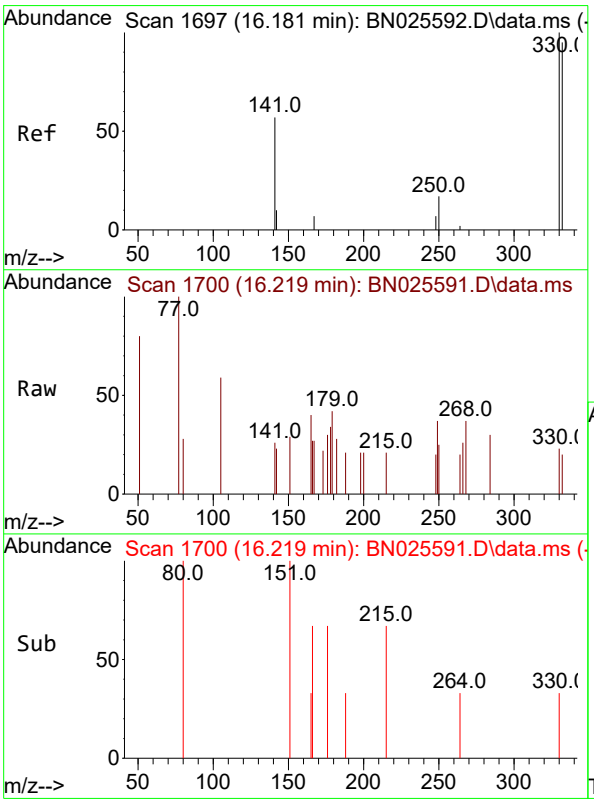
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.683 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 7510

Ion	Ratio	Lower	Upper
164	100		
162	104.3	82.7	124.1
160	49.7	38.8	58.2

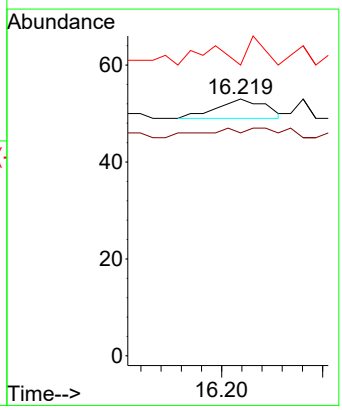


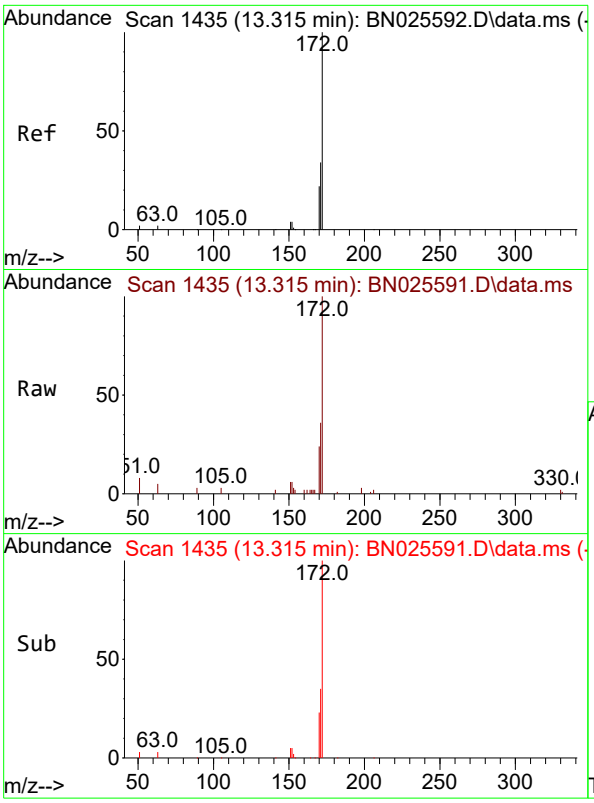


#14
2,4,6-Tribromophenol
Concen: 0.004 ng
RT: 16.219 min Scan# 1700
Delta R.T. 0.037 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:330 Resp: 13

Ion	Ratio	Lower	Upper
330	100		
332	76.9	78.5	117.7#
141	0.0	50.9	76.3#



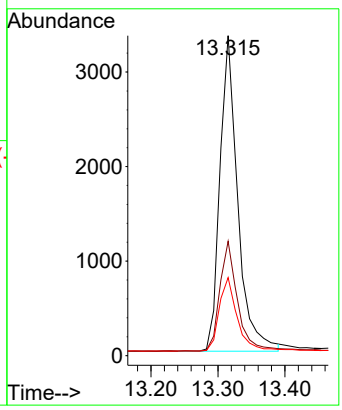


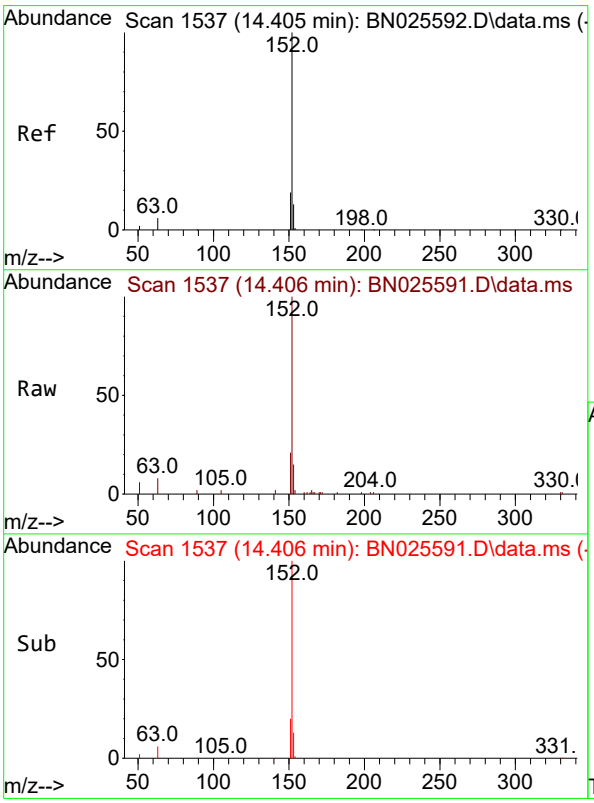
#15
2-Fluorobiphenyl
Concen: 0.190 ng
RT: 13.315 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 6193

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.2	40.8
170	24.4	17.9	26.9

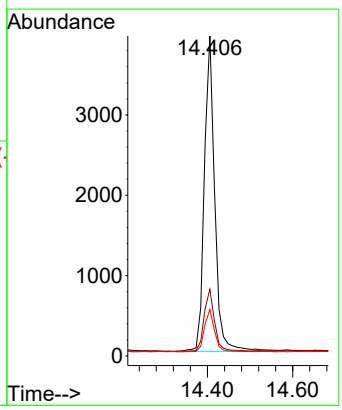


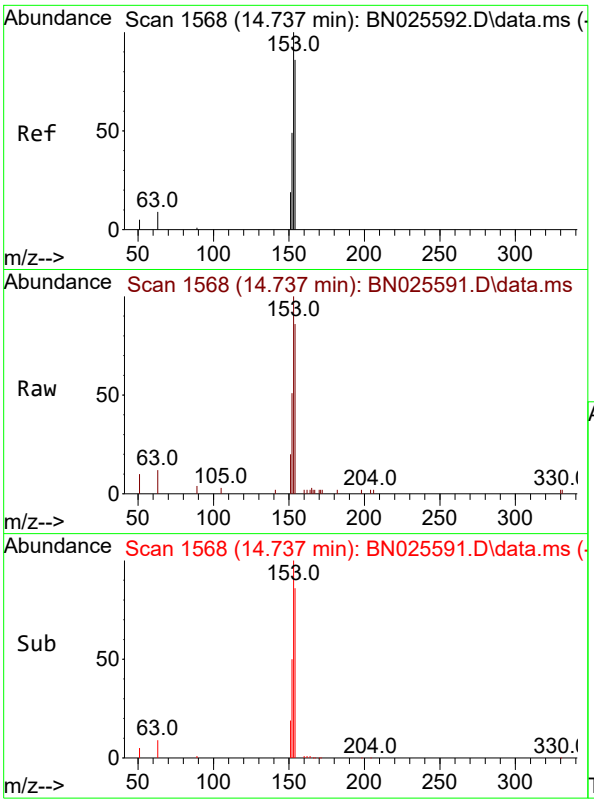


#16
Acenaphthylene
Concen: 0.181 ng
RT: 14.406 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:152 Resp: 6683

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.5	15.7



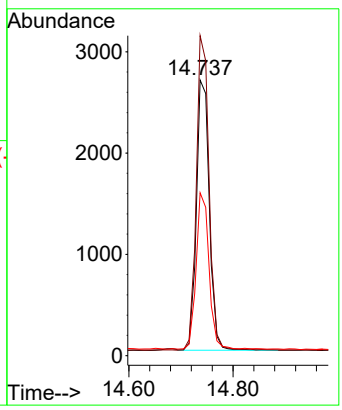


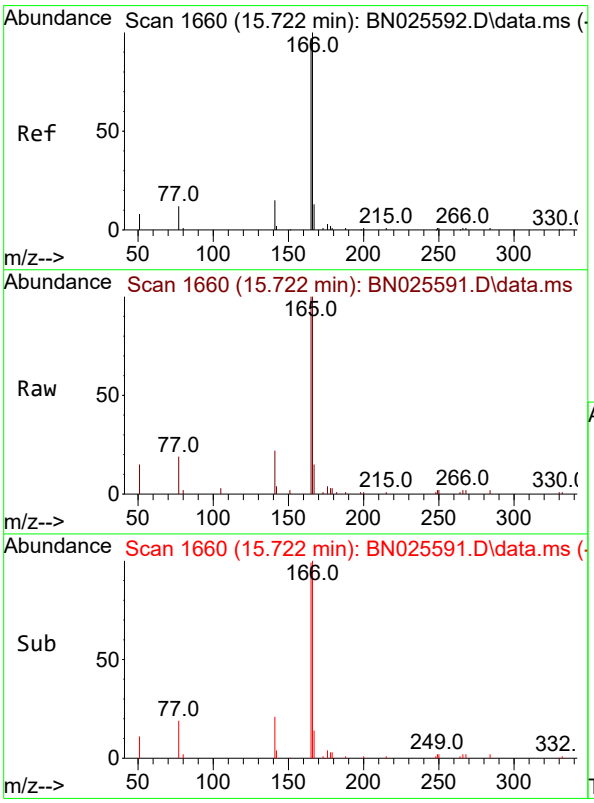
#17
Acenaphthene
Concen: 0.180 ng
RT: 14.737 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 4578

Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.4	137.0
152	57.5	45.0	67.4

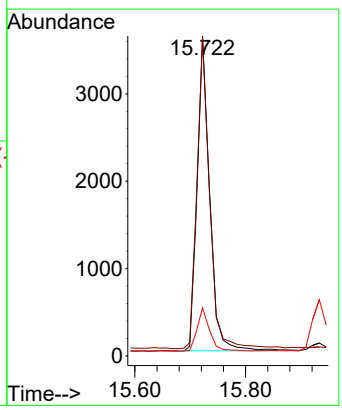


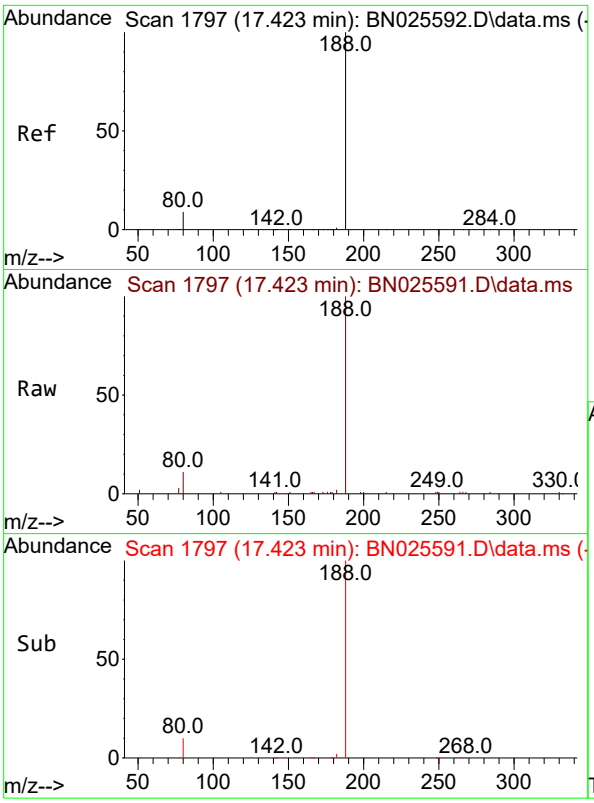


#18
Fluorene
Concen: 0.175 ng
RT: 15.722 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:166 Resp: 5564

Ion	Ratio	Lower	Upper
166	100		
165	100.2	81.0	121.4
167	13.5	10.9	16.3



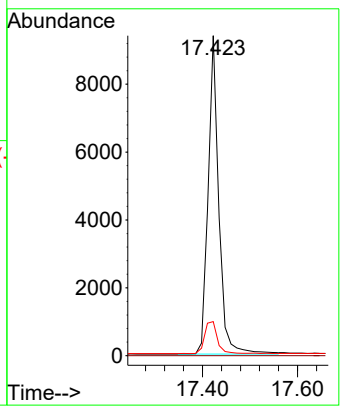


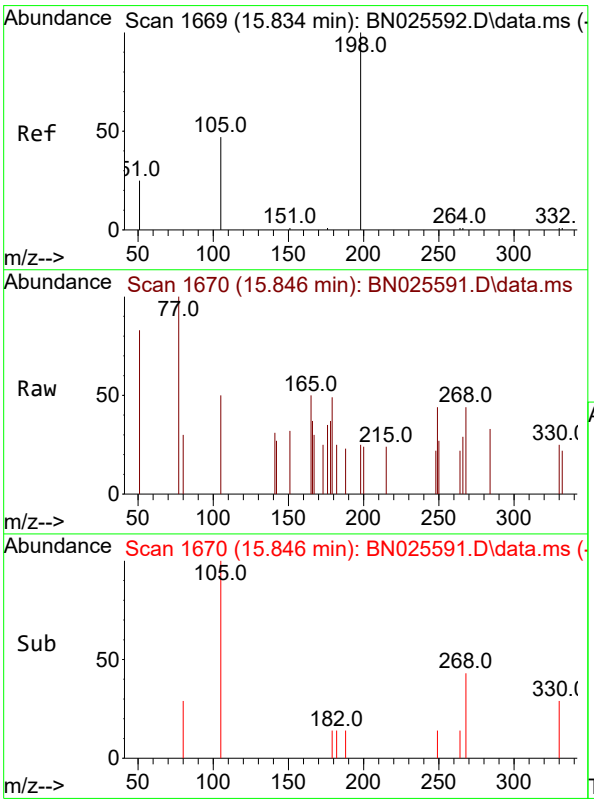
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.423 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 14706

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	7.5	11.3

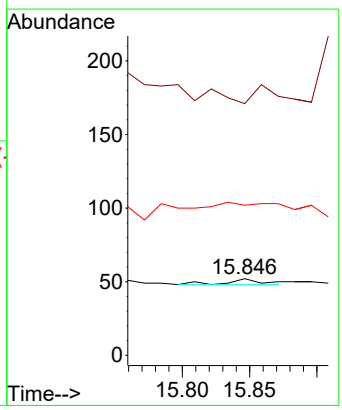


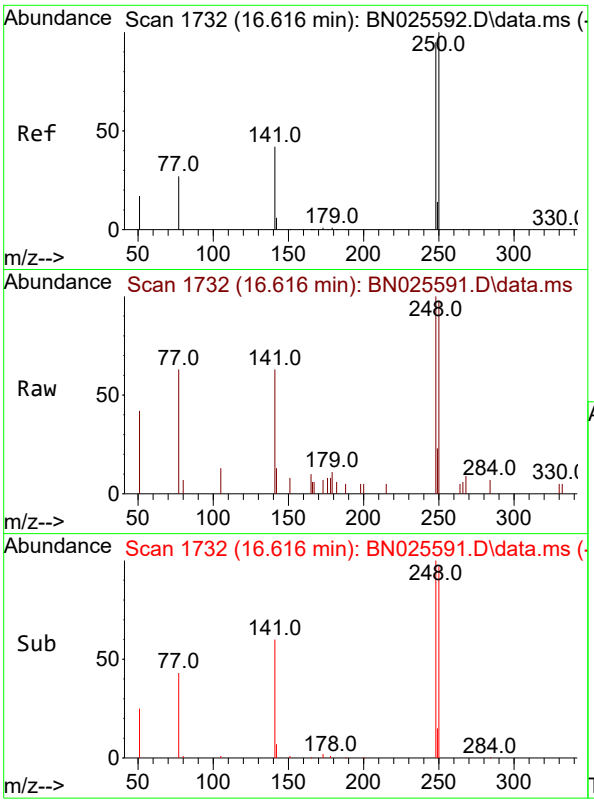


#20
4,6-Dinitro-2-methylphenol
Concen: 0.002 ng
RT: 15.846 min Scan# 1670
Delta R.T. 0.012 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:198 Resp: 7

Ion	Ratio	Lower	Upper
198	100		
51	328.8	139.5	209.3#
105	196.2	91.2	136.8#



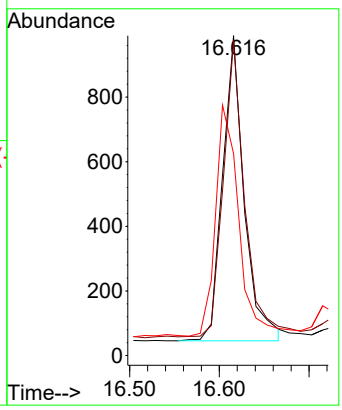


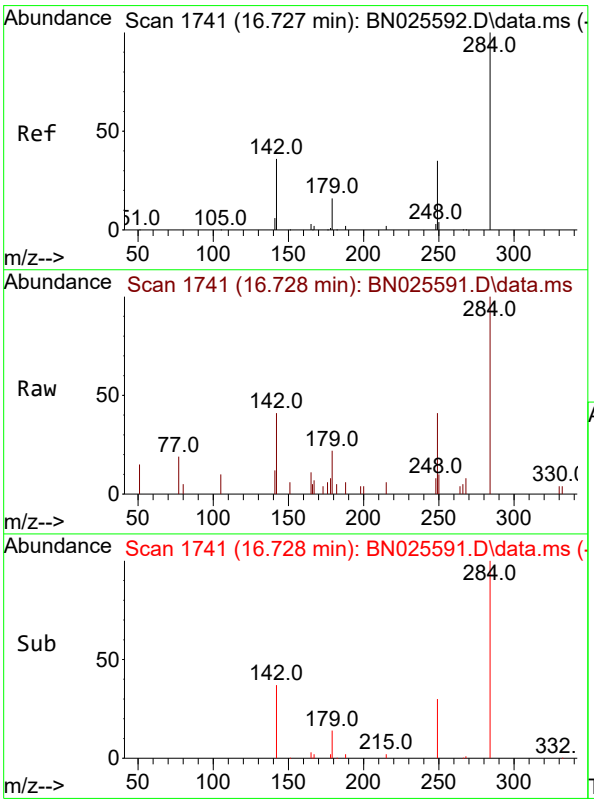
#21
4-Bromophenyl-phenylether
Concen: 0.181 ng
RT: 16.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 1577

Ion	Ratio	Lower	Upper
248	100		
250	98.5	84.7	127.1
141	63.1	36.5	54.7#

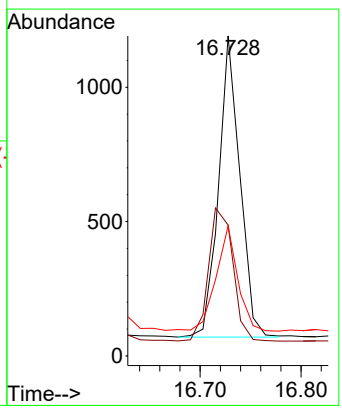


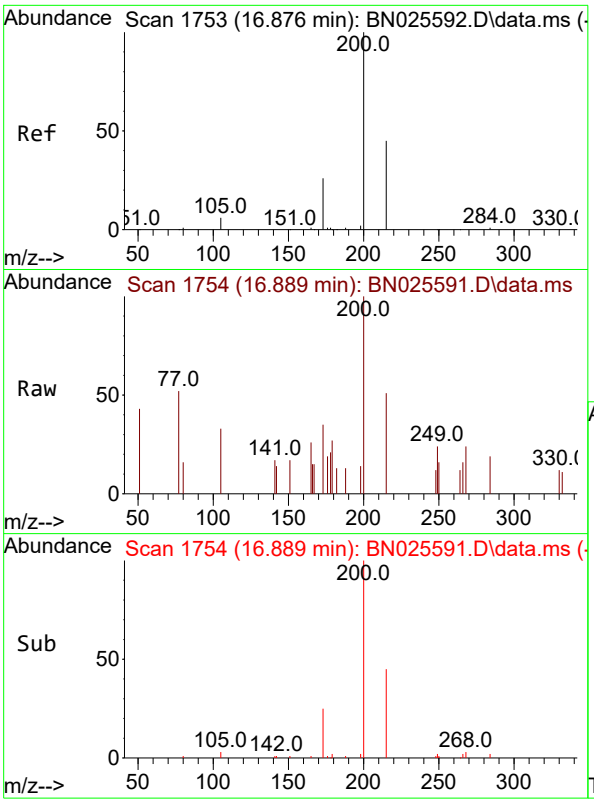


#22
Hexachlorobenzene
Concen: 0.211 ng
RT: 16.728 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:284 Resp: 1641

Ion	Ratio	Lower	Upper
284	100		
142	50.6	41.2	61.8
249	35.9	28.7	43.1



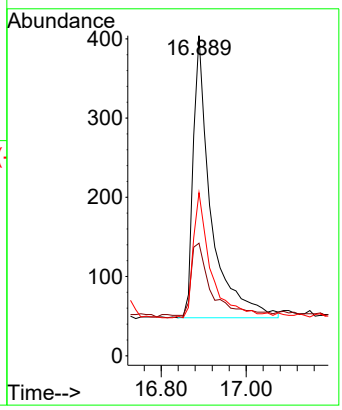


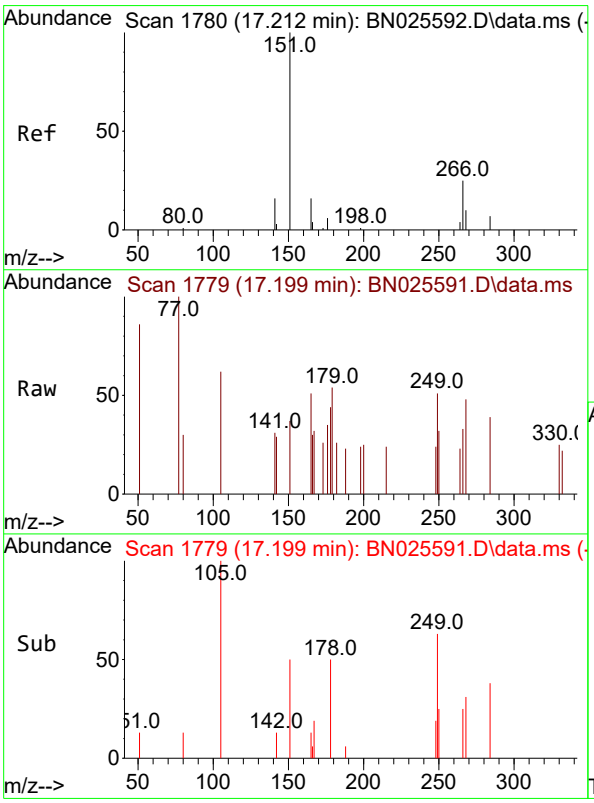
#23
Atrazine
Concen: 0.134 ng
RT: 16.889 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 1028

Ion	Ratio	Lower	Upper
200	100		
173	35.1	23.3	34.9#
215	51.0	37.5	56.3

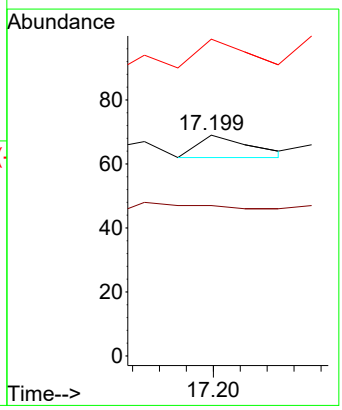


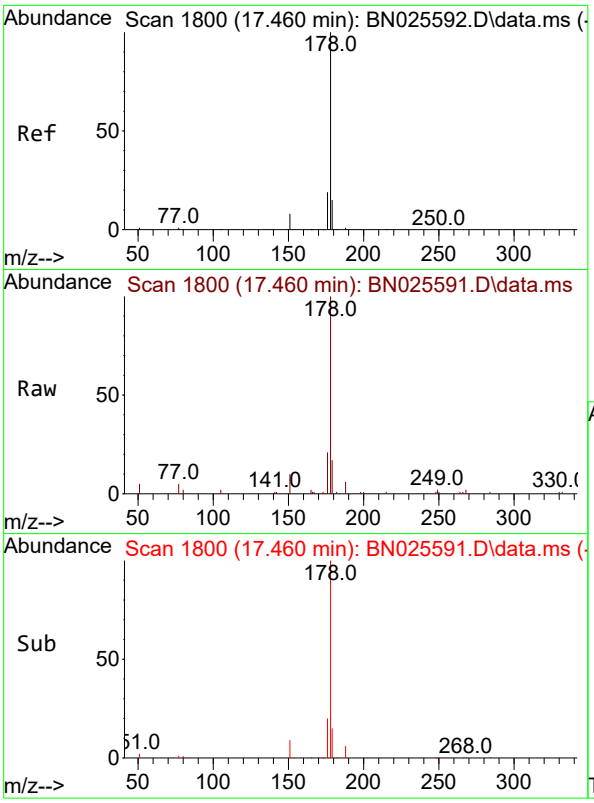


#24
Pentachlorophenol
Concen: 0.002 ng
RT: 17.199 min Scan# 1779
Delta R.T. -0.012 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	0.0	17.5	26.3#
268	120.0	21.4	32.0#



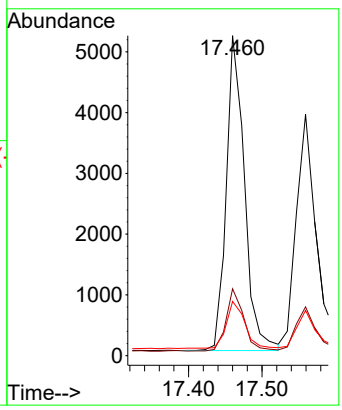


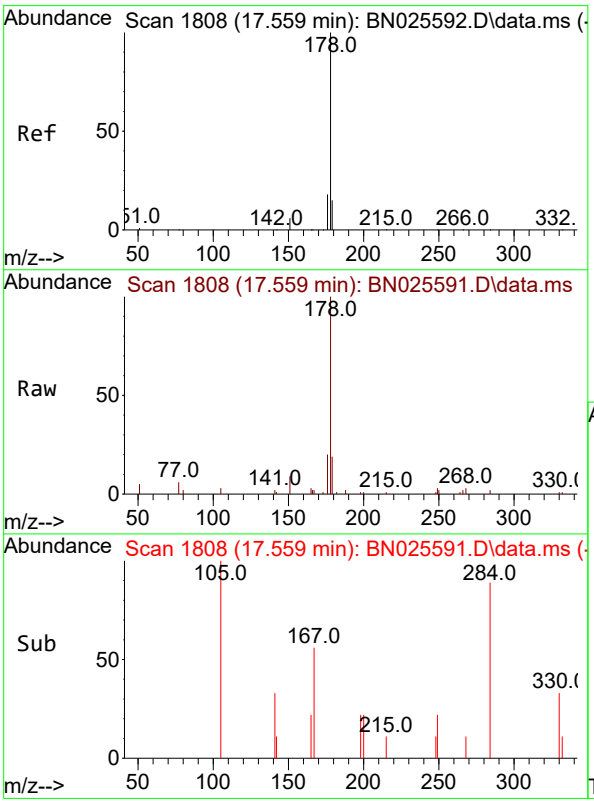
#25
Phenanthrene
Concen: 0.189 ng
RT: 17.460 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 8925

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.6	12.3	18.5

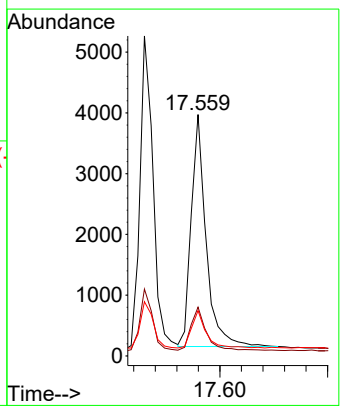


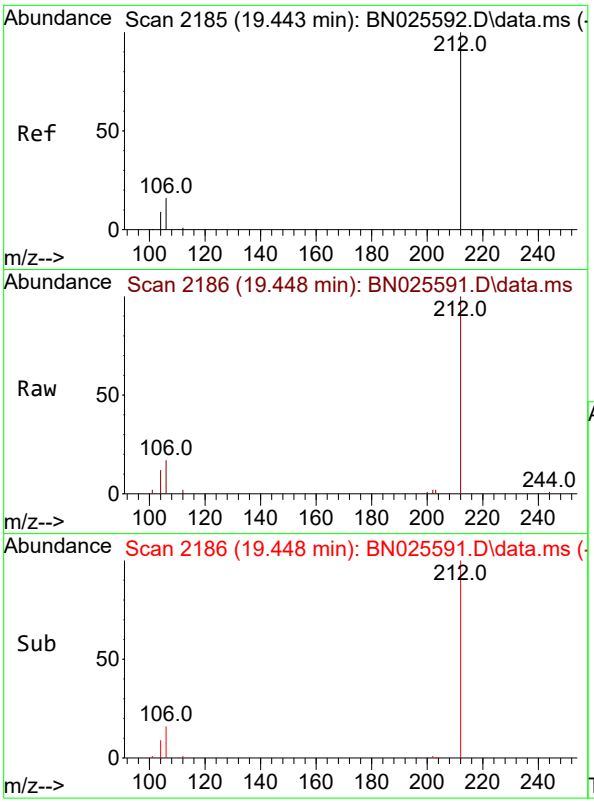


#26
Anthracene
Concen: 0.171 ng
RT: 17.559 min Scan# 1808
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:178 Resp: 7352

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.6	12.0	18.0



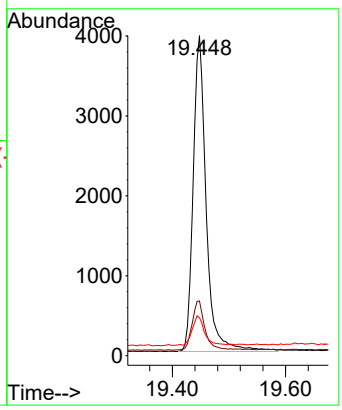


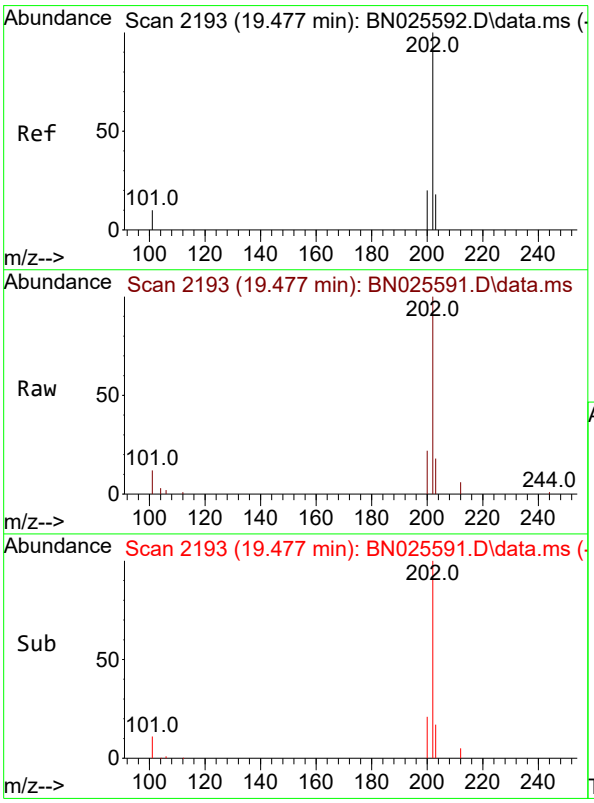
#27
Fluoranthene-d10
Concen: 0.181 ng
RT: 19.448 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 6325

Ion	Ratio	Lower	Upper
212	100		
106	15.1	12.2	18.4
104	8.8	7.0	10.6

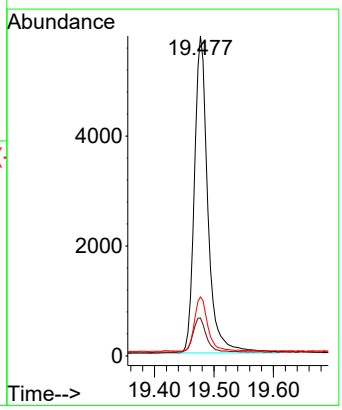


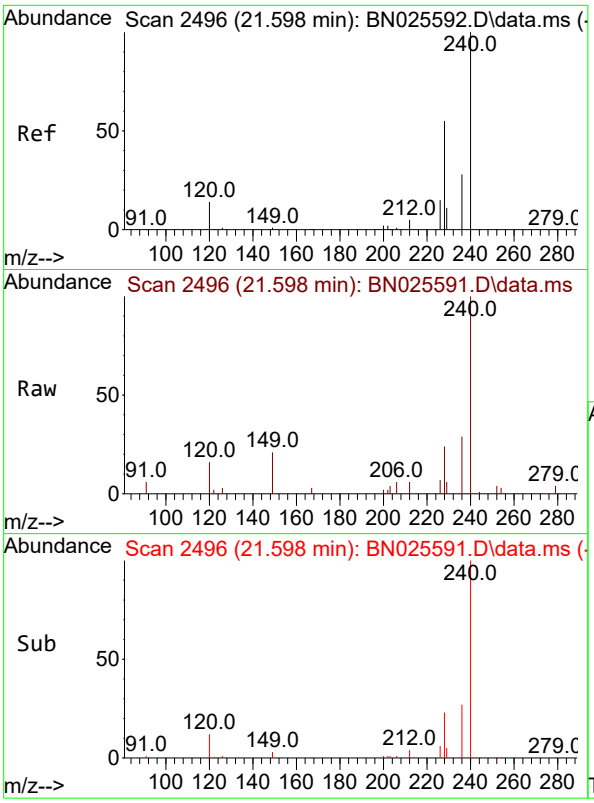


#28
Fluoranthene
Concen: 0.174 ng
RT: 19.477 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:202 Resp: 9073

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.1	13.7
203	16.8	13.6	20.4



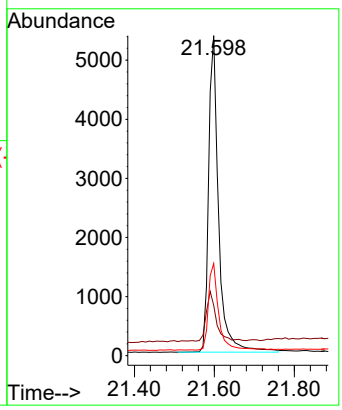


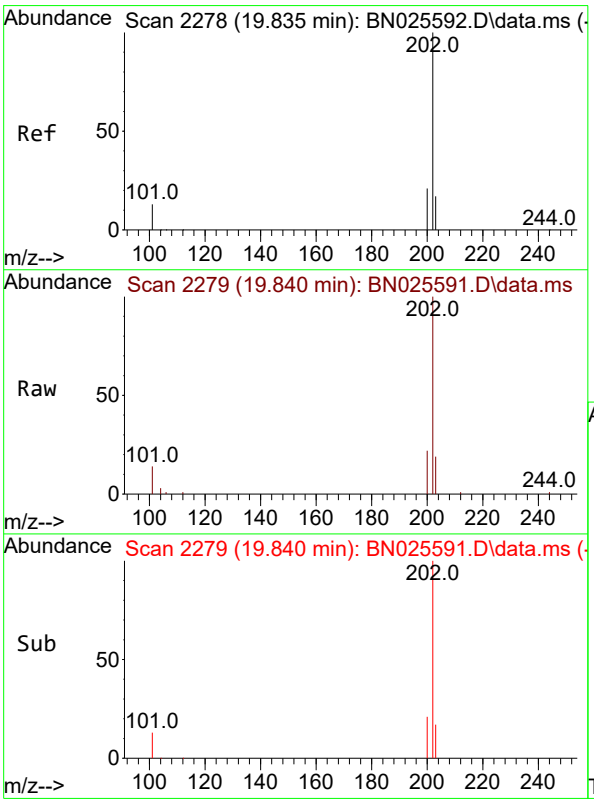
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.598 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 9281

Ion	Ratio	Lower	Upper
240	100		
120	15.7	14.2	21.2
236	28.8	23.8	35.6

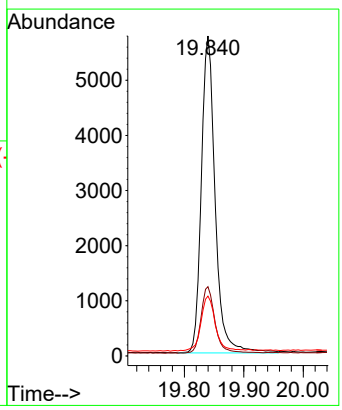


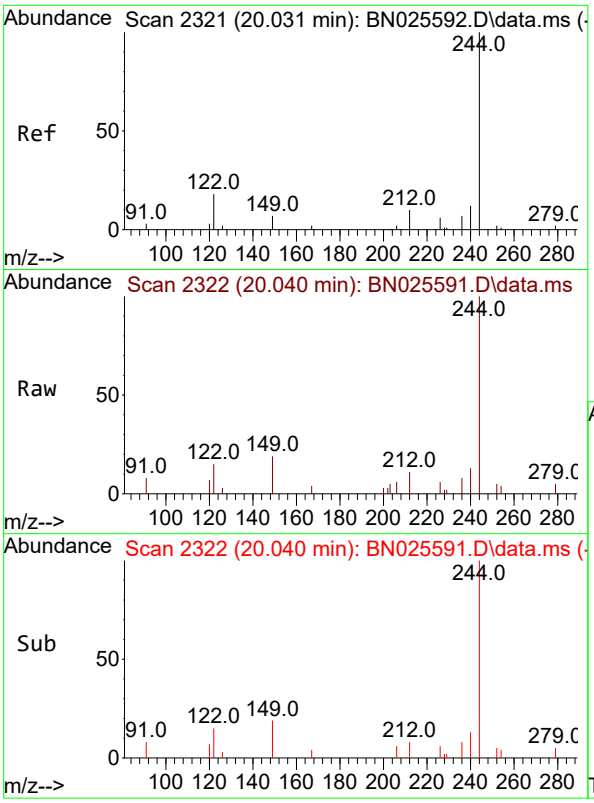


#30
Pyrene
Concen: 0.222 ng
RT: 19.840 min Scan# 2279
Delta R.T. 0.004 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:202 Resp: 9297

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	17.7	13.9	20.9



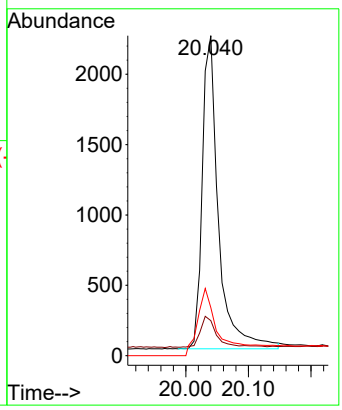


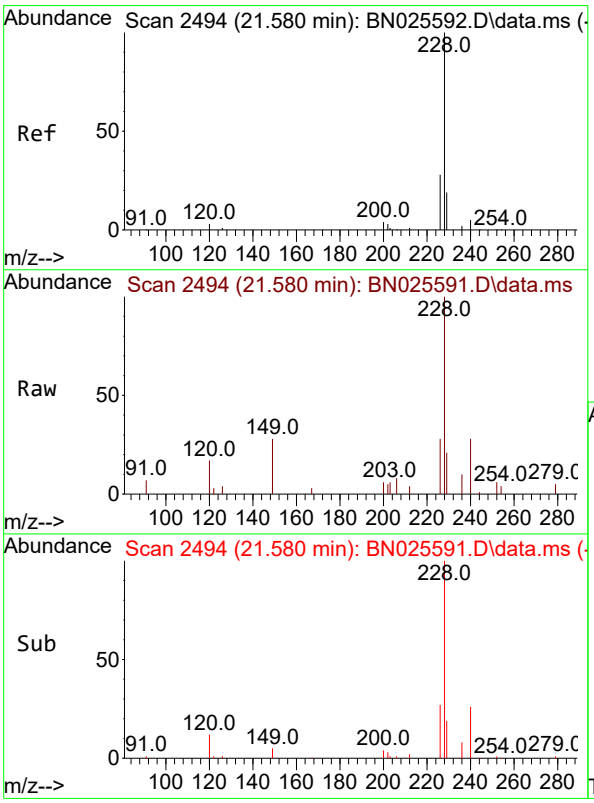
#31
Terphenyl-d14
Concen: 0.186 ng
RT: 20.040 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 3579

Ion	Ratio	Lower	Upper
244	100		
212	10.9	8.6	12.8
122	15.0	14.2	21.2

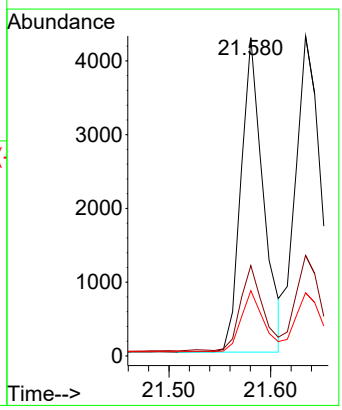


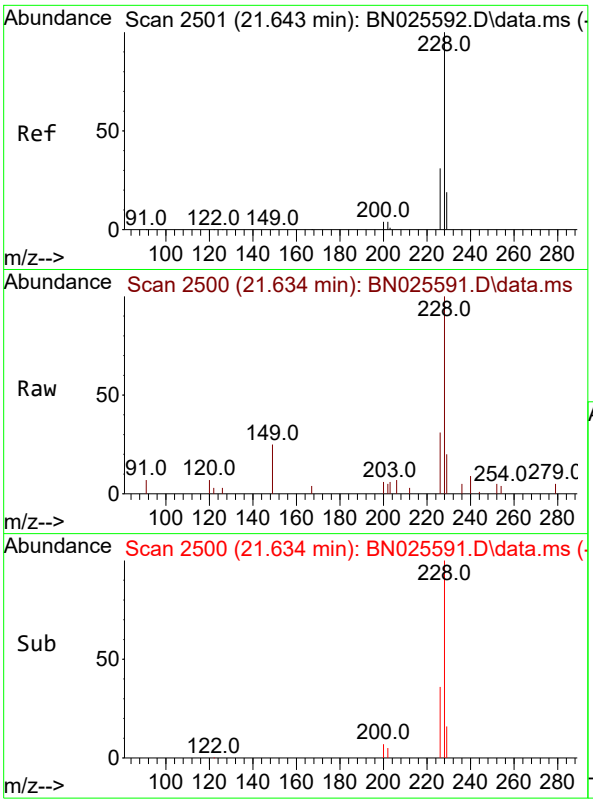


#32
Benzo(a)anthracene
Concen: 0.176 ng
RT: 21.580 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:228 Resp: 6473

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.4
229	20.5	15.7	23.5



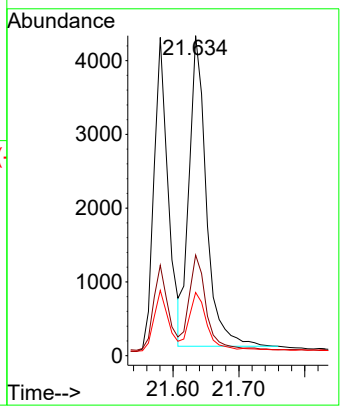


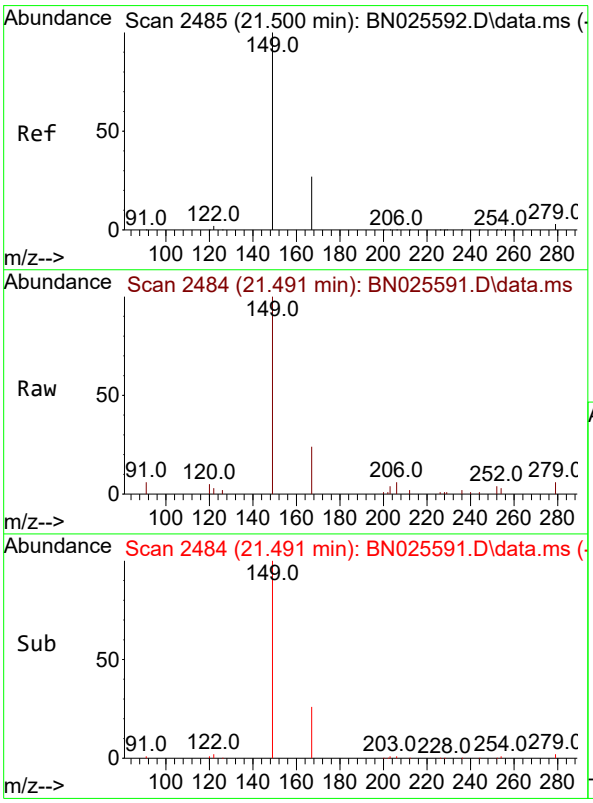
#33
Chrysene
Concen: 0.200 ng
RT: 21.634 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 7639

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.6	37.0
229	19.8	16.0	24.0

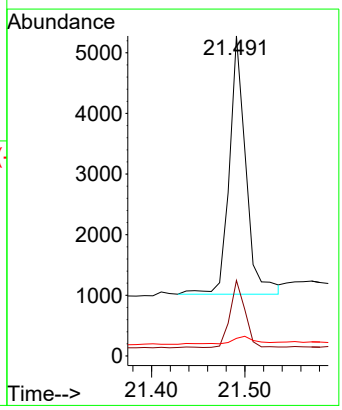


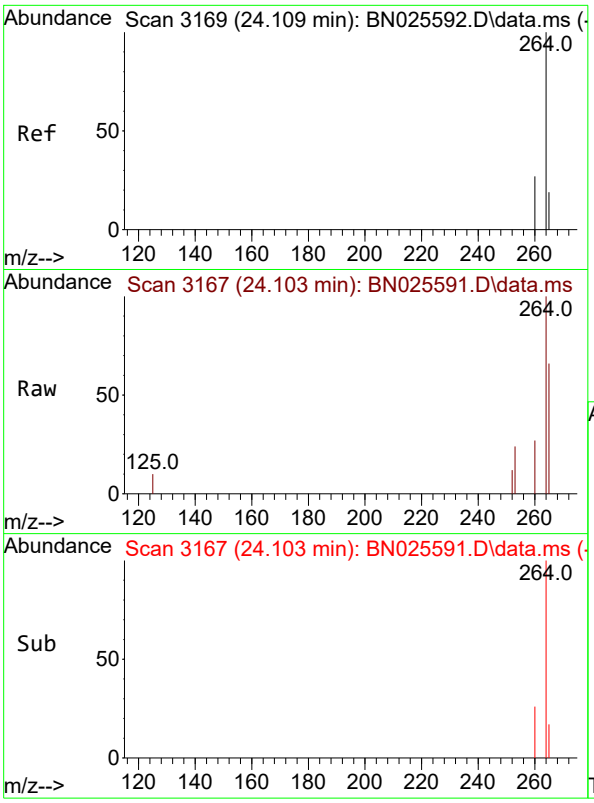


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.230 ng
RT: 21.491 min Scan# 2484
Delta R.T. -0.009 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:149 Resp: 5251

Ion	Ratio	Lower	Upper
149	100		
167	23.4	21.2	31.8
279	3.4	2.4	3.6



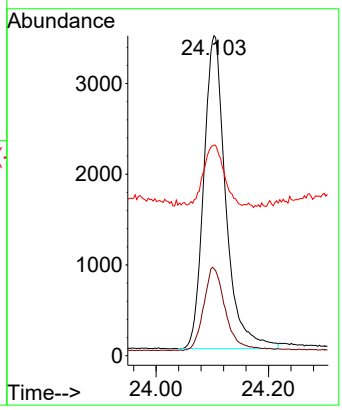


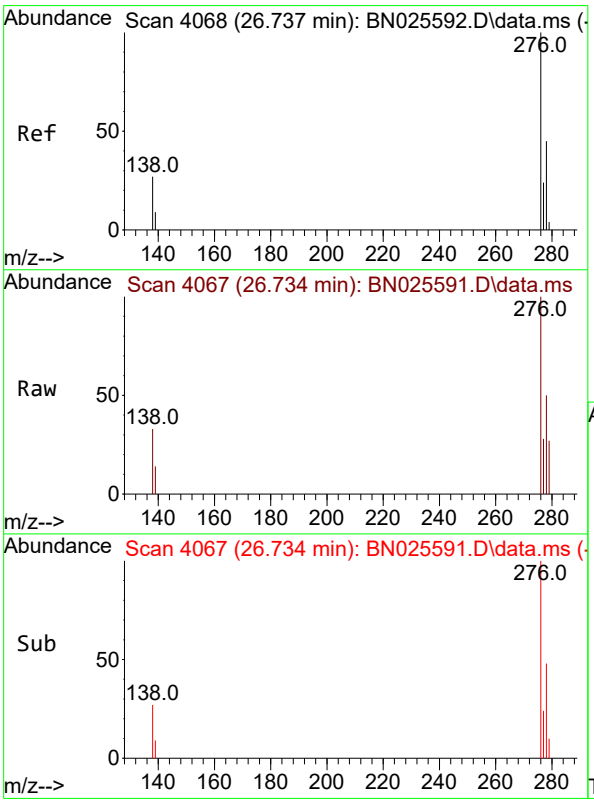
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.103 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 9361

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.2	33.4
265	65.8	52.7	79.1

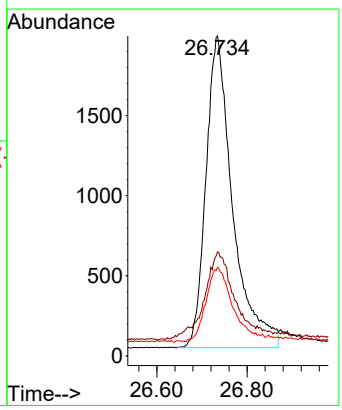


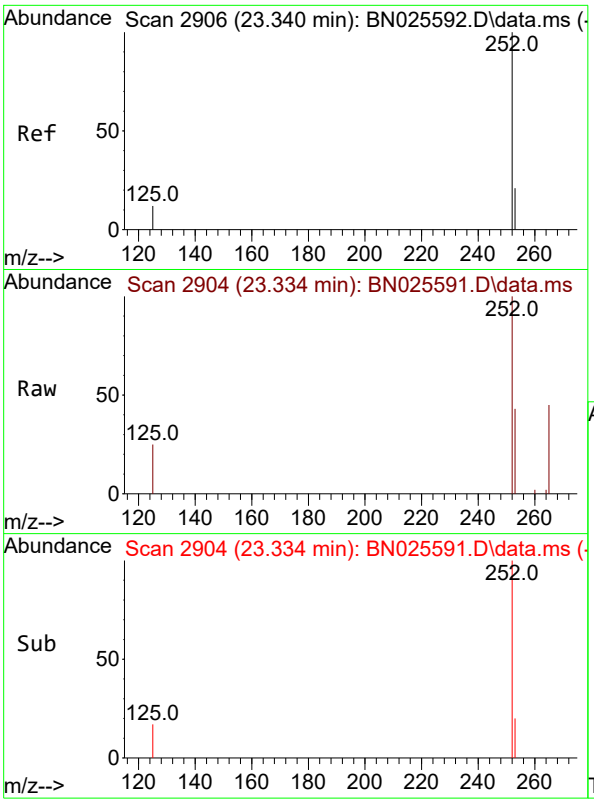


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.187 ng
RT: 26.734 min Scan# 4067
Delta R.T. -0.003 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:276 Resp: 8000

Ion	Ratio	Lower	Upper
276	100		
138	24.0	23.7	35.5
277	23.6	19.0	28.4



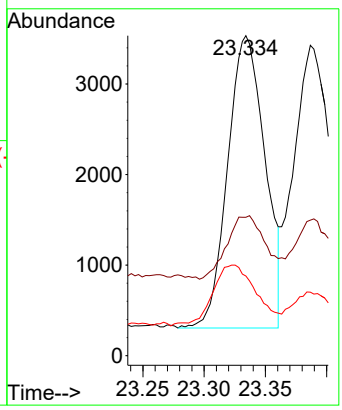


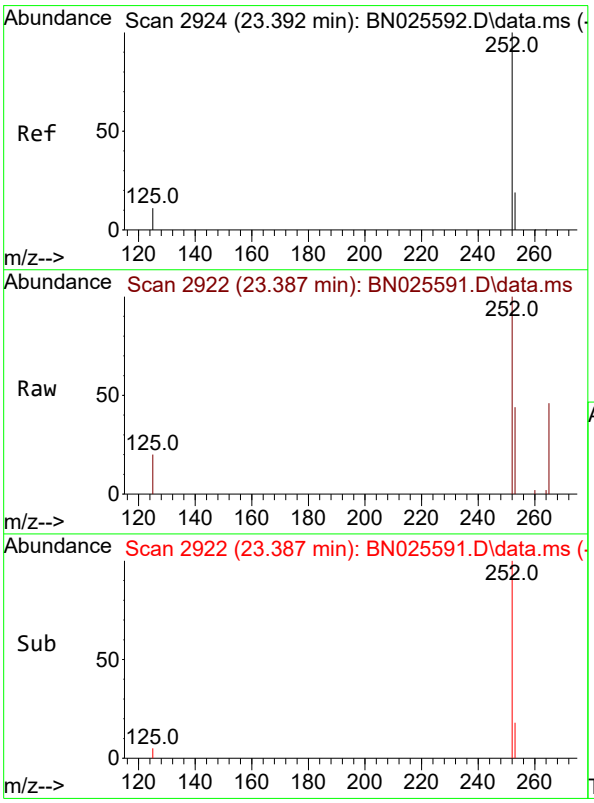
#37
Benzo(b)fluoranthene
Concen: 0.181 ng
RT: 23.334 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6838

Ion	Ratio	Lower	Upper
252	100		
253	43.3	25.8	38.6#
125	24.9	13.1	19.7#

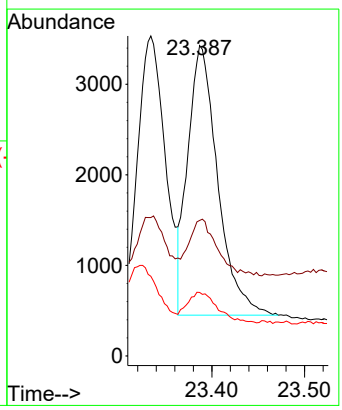


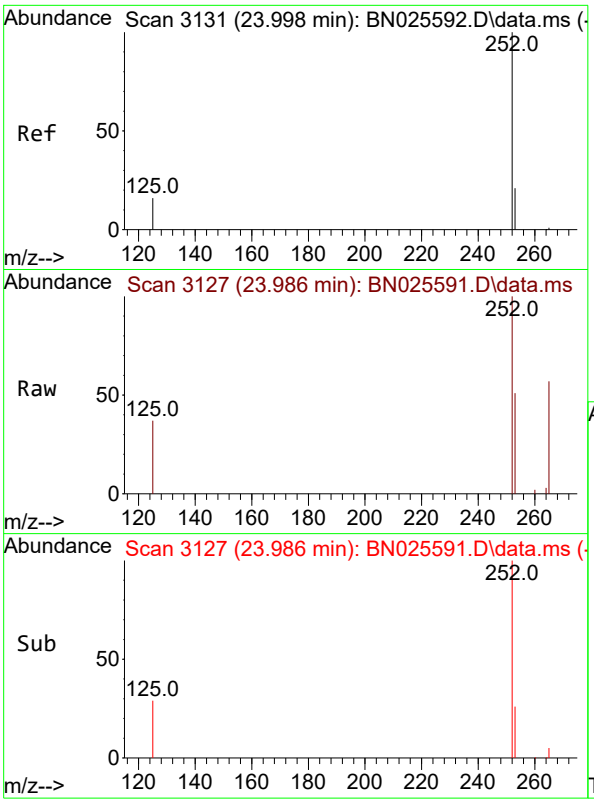


#38
Benzo(k)fluoranthene
Concen: 0.174 ng
RT: 23.387 min Scan# 2922
Delta R.T. -0.006 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:252 Resp: 6692

Ion	Ratio	Lower	Upper
252	100		
253	43.7	25.0	37.6#
125	20.4	12.7	19.1#



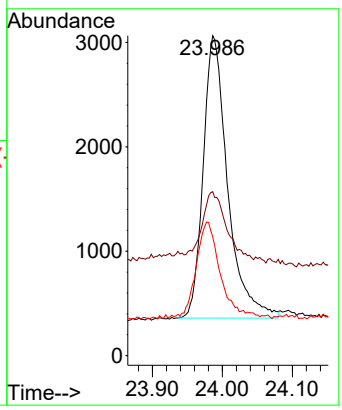


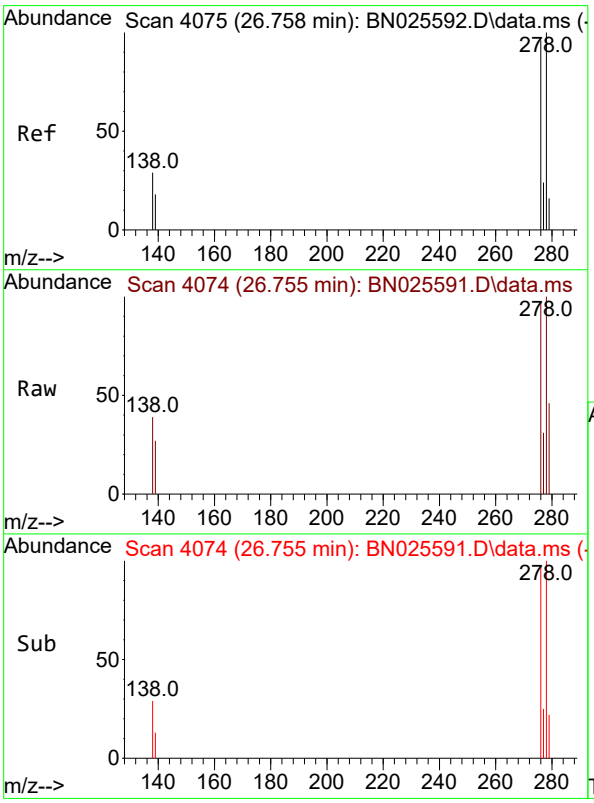
#39
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.986 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 6569

Ion	Ratio	Lower	Upper
252	100		
253	51.3	28.6	43.0#
125	37.0	16.9	25.3#

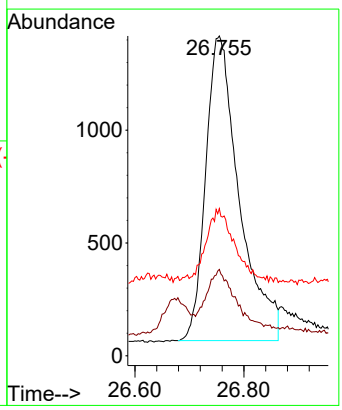


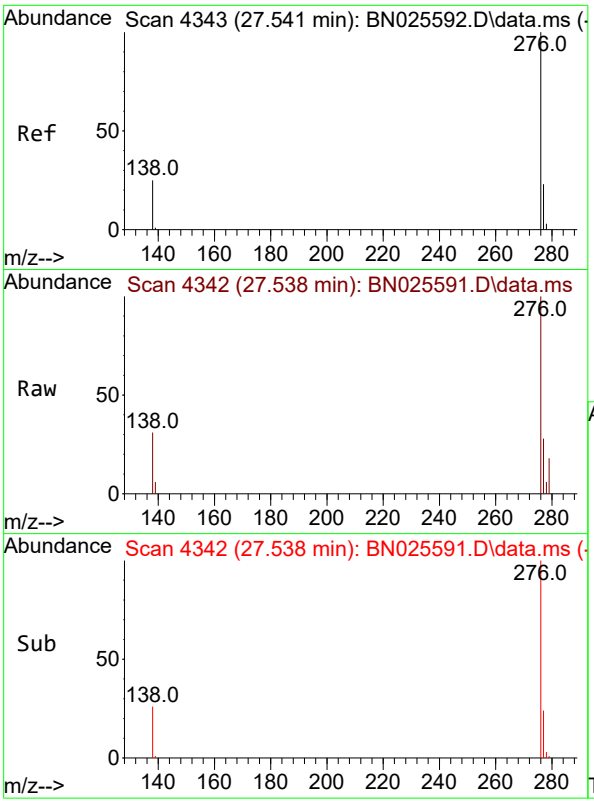


#40
Dibenzo(a,h)anthracene
Concen: 0.167 ng
RT: 26.755 min Scan# 4074
Delta R.T. -0.003 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Tgt Ion:278 Resp: 5782

Ion	Ratio	Lower	Upper
278	100		
139	27.0	18.4	27.6
279	46.1	25.8	38.6#





#41
Benzo(g,h,i)perylene
Concen: 0.200 ng
RT: 27.538 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025591.D
Acq: 25 May 2023 18:11

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 7290

Ion	Ratio	Lower	Upper
276	100		
277	28.2	20.0	30.0
138	31.4	22.8	34.2