Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023146.D
Acq On : 12 Dec 2022 22:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 13 05:47:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration

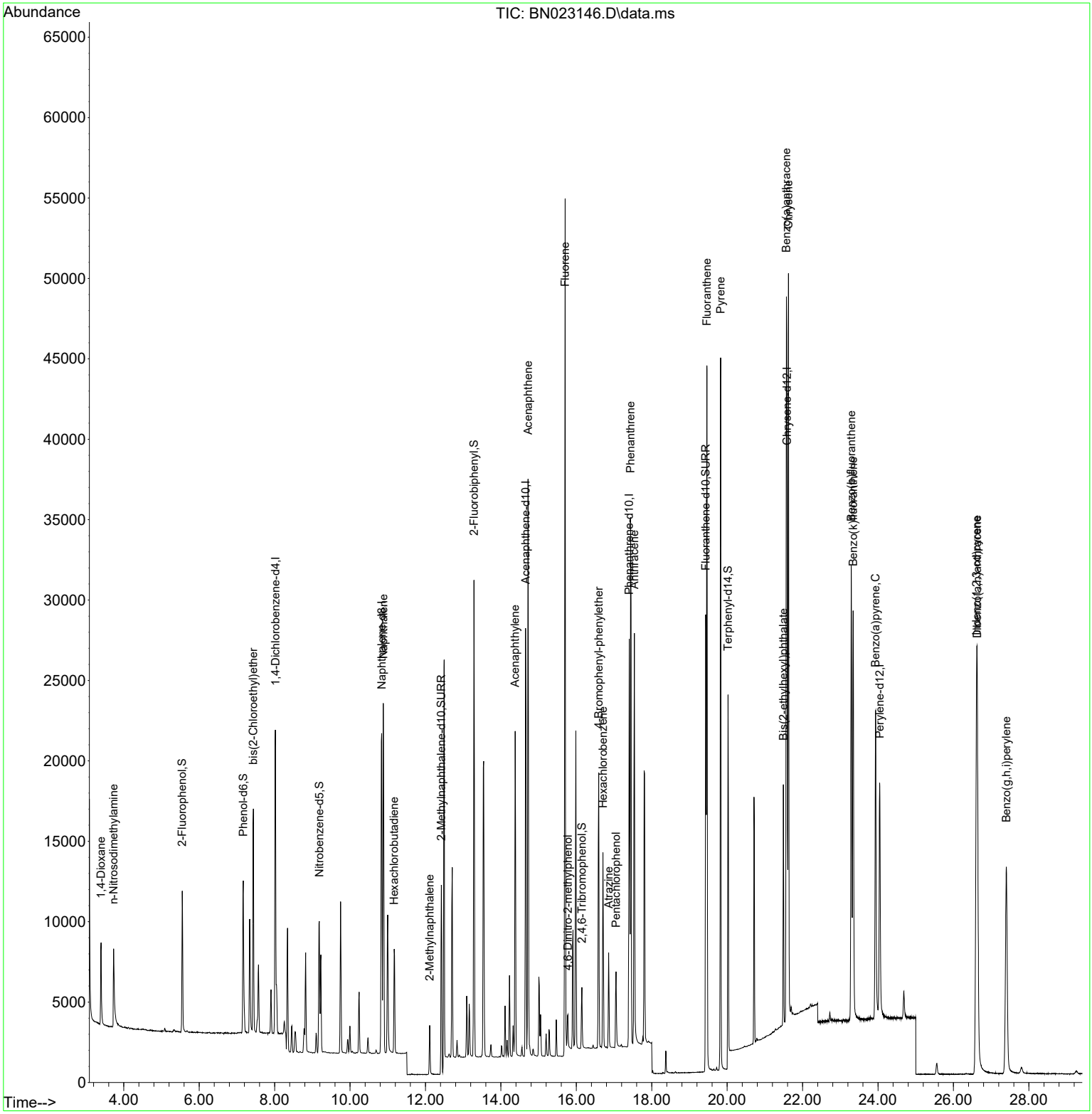
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.020	152	9153	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	27370	0.400	ng	#	0.00
13) Acenaphthene-d10	14.655	164	14738	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	31894	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	26601	0.400	ng		0.00
35) Perylene-d12	24.044	264	21749	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	7150	0.419	ng		0.00
5) Phenol-d6	7.168	99	8921	0.412	ng		0.00
8) Nitrobenzene-d5	9.185	82	6946	0.385	ng		0.00
11) 2-Methylnaphthalene-d10	12.420	152	15194	0.327	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	2179	0.407	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	23571	0.400	ng		0.00
27) Fluoranthene-d10	19.431	212	30060	0.403	ng		0.00
31) Terphenyl-d14	20.022	244	16045	0.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	3599	0.398	ng		99
3) n-Nitrosodimethylamine	3.730	42	3603	0.406	ng	#	96
6) bis(2-Chloroethyl)ether	7.435	93	9977	0.405	ng		99
9) Naphthalene	10.882	128	27219	0.390	ng		100
10) Hexachlorobutadiene	11.171	225	5318	0.400	ng	#	99
12) 2-Methylnaphthalene	12.113	142	4440	0.428	ng		97
16) Acenaphthylene	14.378	152	22084	0.372	ng		100
17) Acenaphthene	14.720	154	16682	0.382	ng		99
18) Fluorene	15.703	166	19724	0.404	ng		98
20) 4,6-Dinitro-2-methylph...	15.776	198	1090	0.405	ng		93
21) 4-Bromophenyl-phenylether	16.595	248	6817	0.400	ng	#	82
22) Hexachlorobenzene	16.707	284	8810	0.395	ng		100
23) Atrazine	16.856	200	4282	0.357	ng	#	92
24) Pentachlorophenol	17.054	266	2333	0.301	ng		98
25) Phenanthrene	17.439	178	36181	0.381	ng		100
26) Anthracene	17.538	178	27649	0.365	ng		100
28) Fluoranthene	19.464	202	38766	0.381	ng		99
30) Pyrene	19.827	202	38350	0.394	ng		100
32) Benzo(a)anthracene	21.571	228	32649	0.381	ng		100
33) Chrysene	21.625	228	37728	0.392	ng		100
34) Bis(2-ethylhexyl)phtha...	21.491	149	13398	0.370	ng		100
36) Indeno(1,2,3-cd)pyrene	26.611	276	37498	0.385	ng		98
37) Benzo(b)fluoranthene	23.290	252	35594	0.395	ng		97
38) Benzo(k)fluoranthene	23.340	252	34090	0.372	ng		99
39) Benzo(a)pyrene	23.933	252	27540	0.407	ng	#	91
40) Dibenzo(a,h)anthracene	26.632	278	29194	0.373	ng		98
41) Benzo(g,h,i)perylene	27.404	276	28522	0.341	ng		98

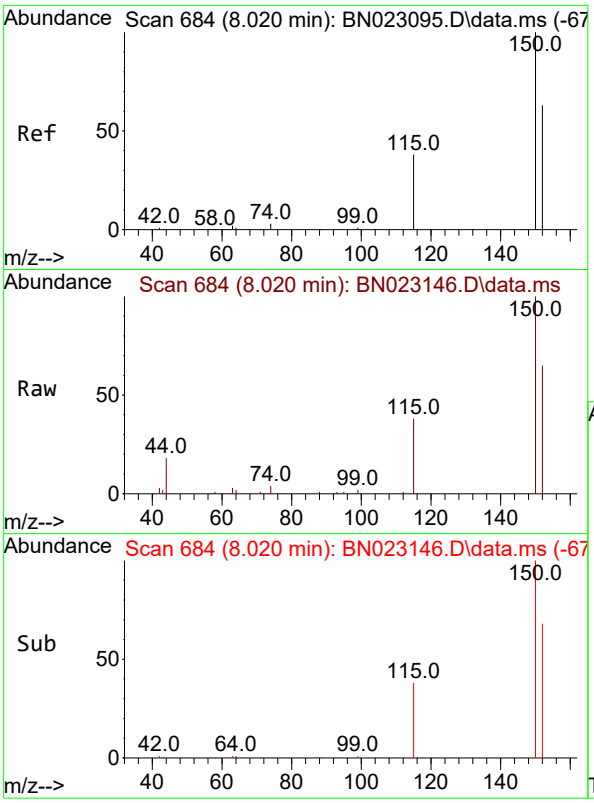
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121222\
Data File : BN023146.D
Acq On : 12 Dec 2022 22:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 13 05:47:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:26 2022
Response via : Initial Calibration



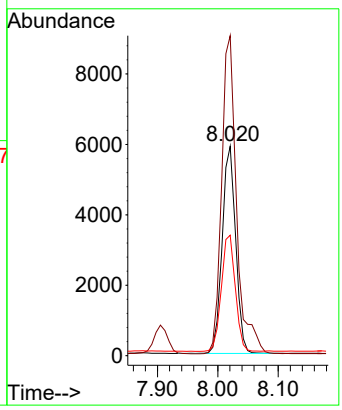


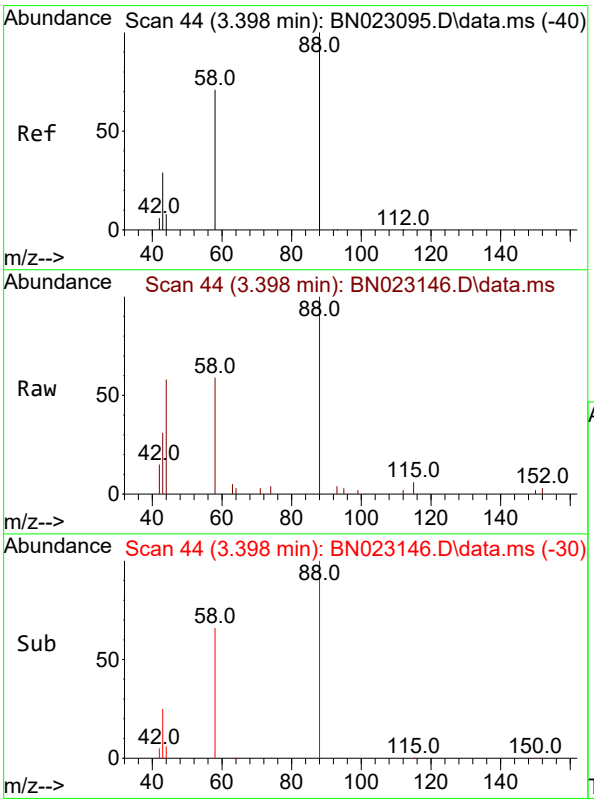
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.020 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9153

Ion	Ratio	Lower	Upper
152	100		
150	152.8	125.6	188.4
115	57.5	49.0	73.4

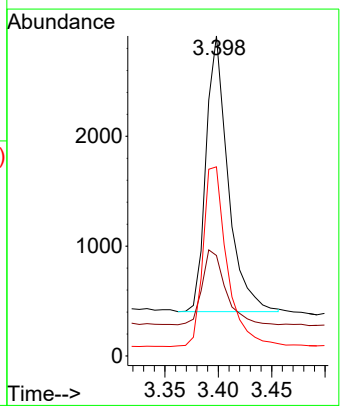


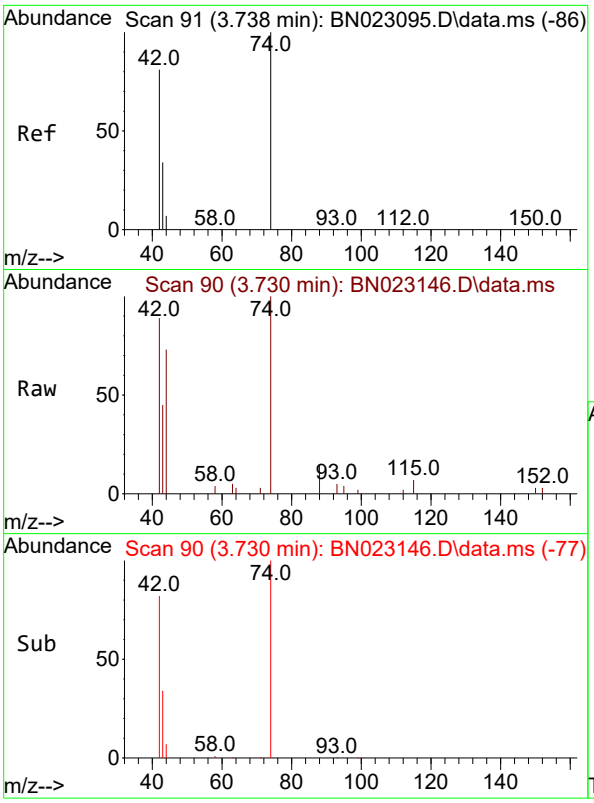


#2
1,4-Dioxane
Concen: 0.398 ng
RT: 3.398 min Scan# 44
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion: 88 Resp: 3599

Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.3	34.9
58	71.4	58.0	87.0



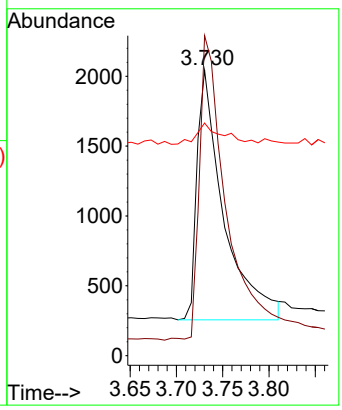


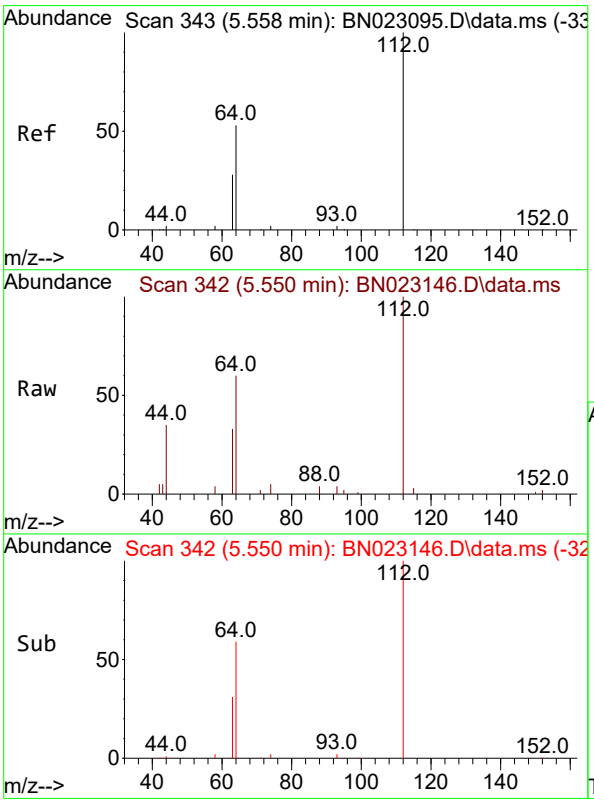
#3
n-Nitrosodimethylamine
Concen: 0.406 ng
RT: 3.730 min Scan# 9
Delta R.T. -0.007 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3603

Ion	Ratio	Lower	Upper
42	100		
74	124.5	95.8	143.6
44	8.4	8.4	12.6#

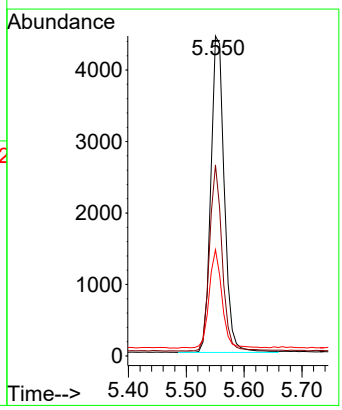


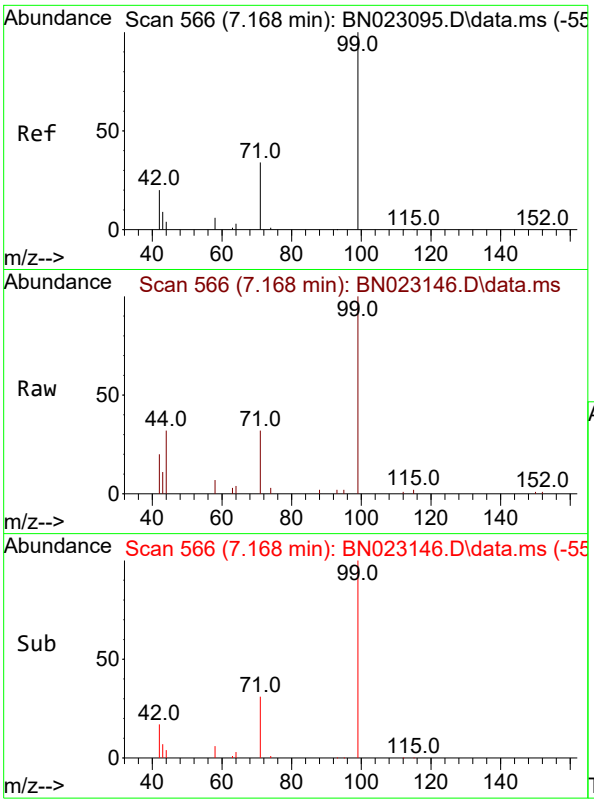


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.550 min Scan# 342
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:112 Resp: 7150

Ion	Ratio	Lower	Upper
112	100		
64	55.5	44.4	66.6
63	29.8	23.7	35.5



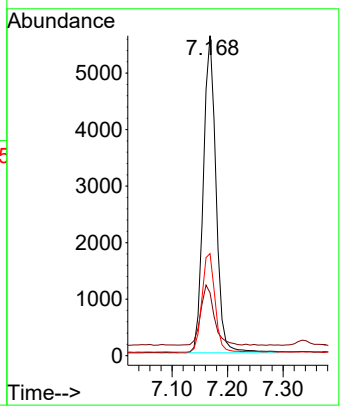


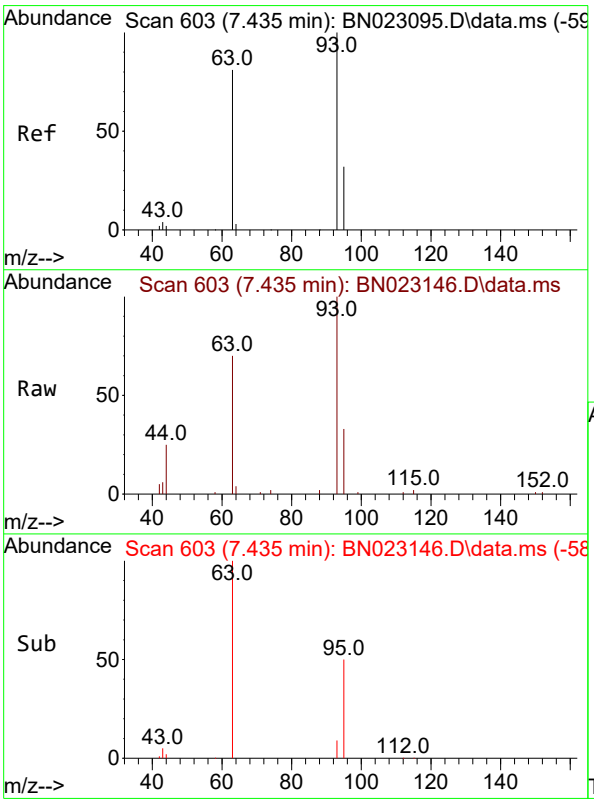
#5
Phenol-d6
Concen: 0.412 ng
RT: 7.168 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 8921

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.3	24.5
71	32.0	26.5	39.7

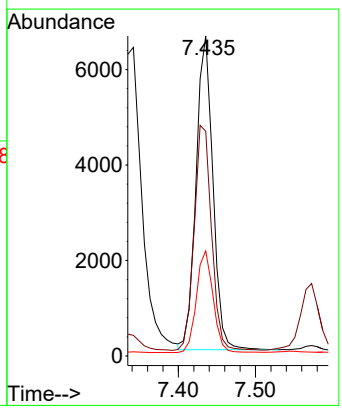


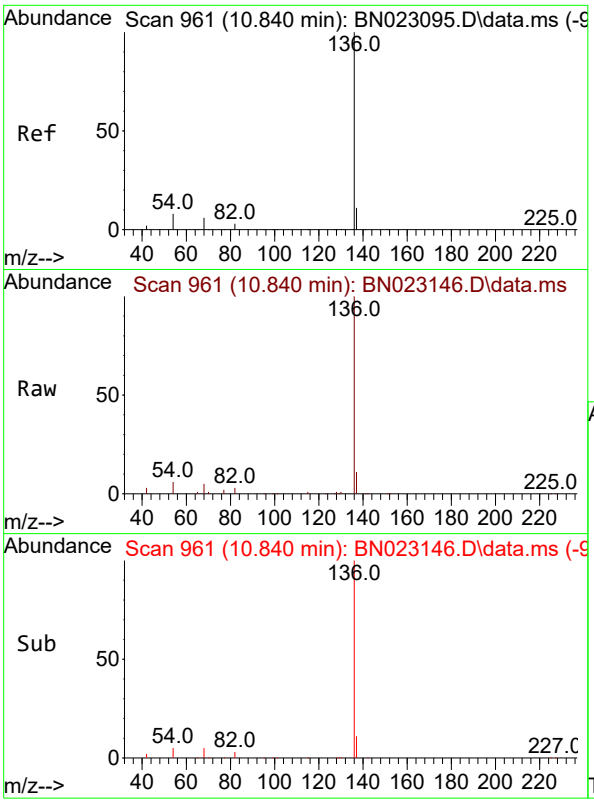


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 7.435 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion: 93 Resp: 9977

Ion	Ratio	Lower	Upper
93	100		
63	73.7	58.1	87.1
95	32.1	25.2	37.8



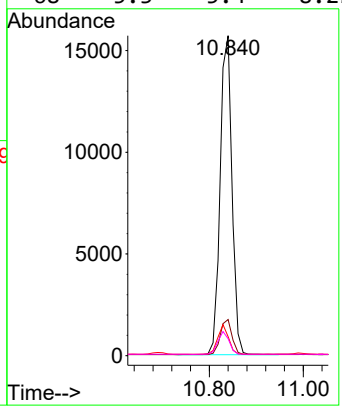


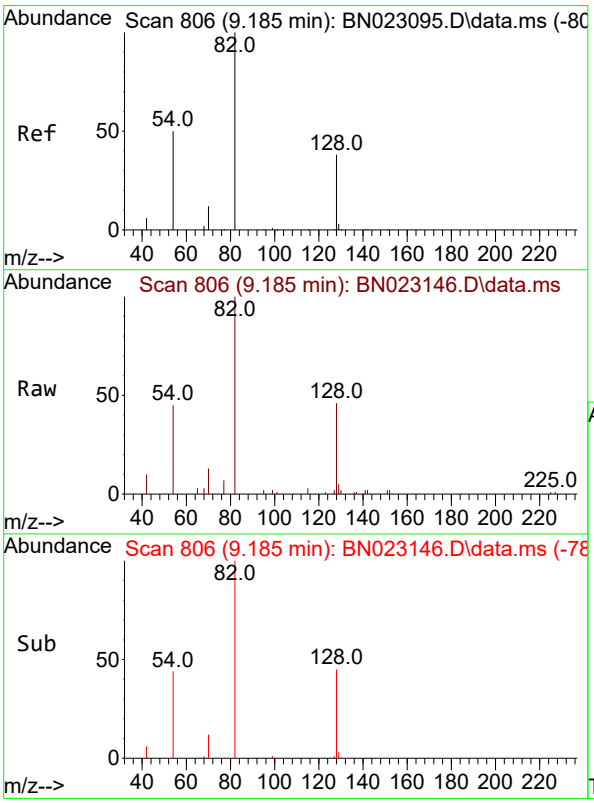
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.840 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 27370

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	5.9	6.5	9.7#
68	5.3	5.4	8.2#

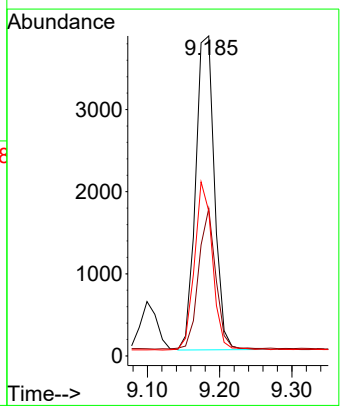


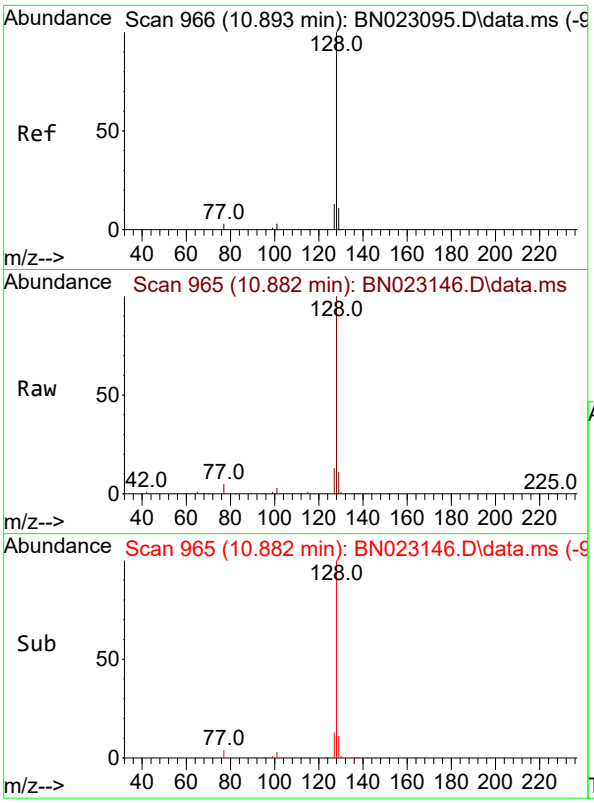


#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 9.185 min Scan# 806
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion: 82 Resp: 6946

Ion	Ratio	Lower	Upper
82	100		
128	46.1	31.4	47.2
54	45.2	41.0	61.4



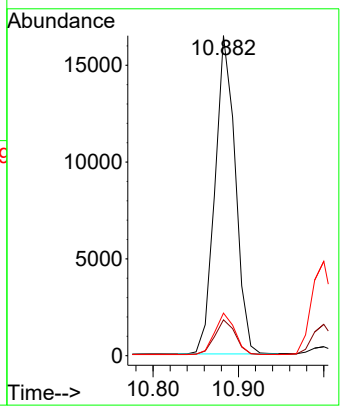


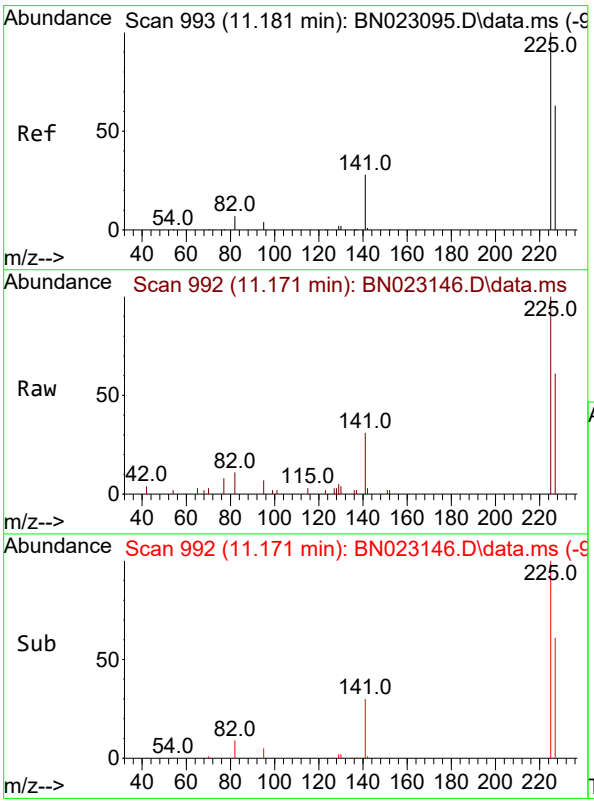
#9
Naphthalene
Concen: 0.390 ng
RT: 10.882 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 27219

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.5	15.7

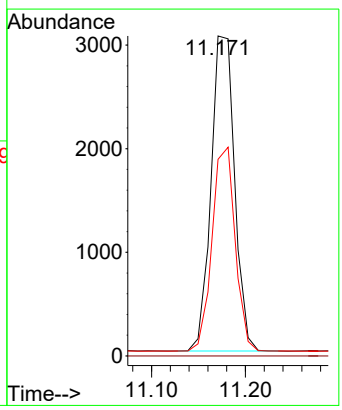


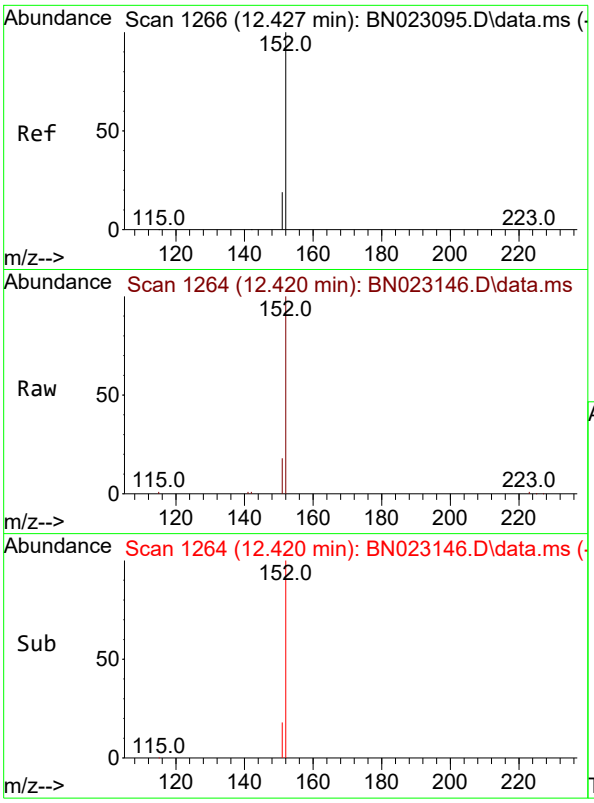


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.171 min Scan# 992
Delta R.T. -0.011 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:225 Resp: 5318

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.1	76.7



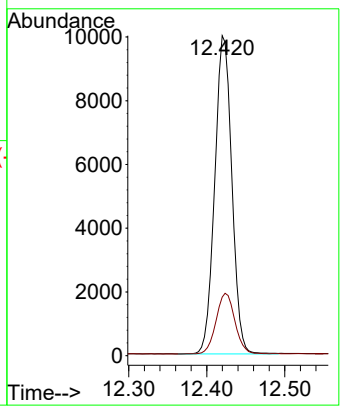


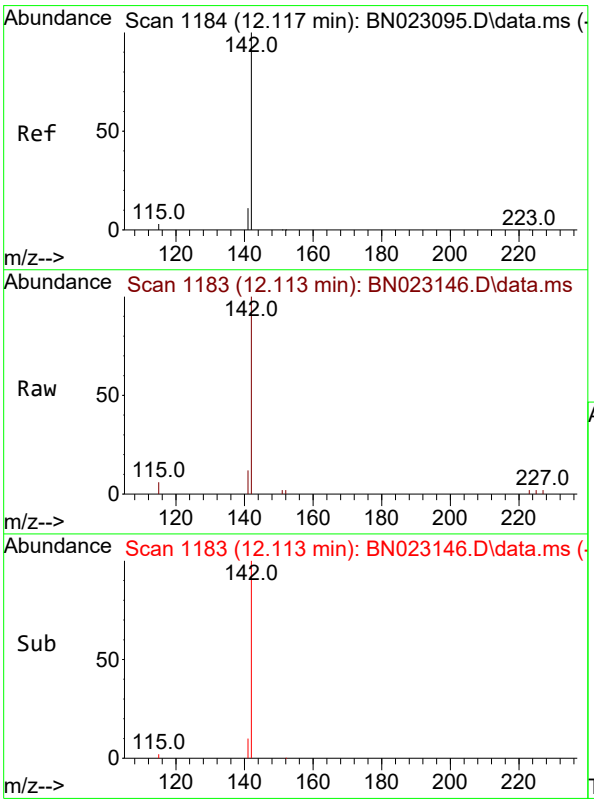
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 15194

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.1	22.7

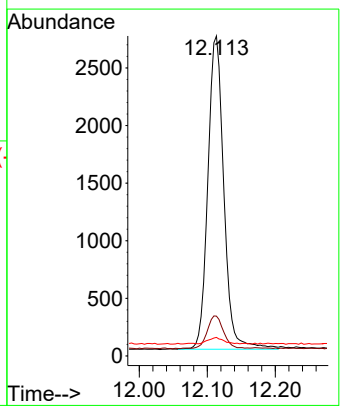


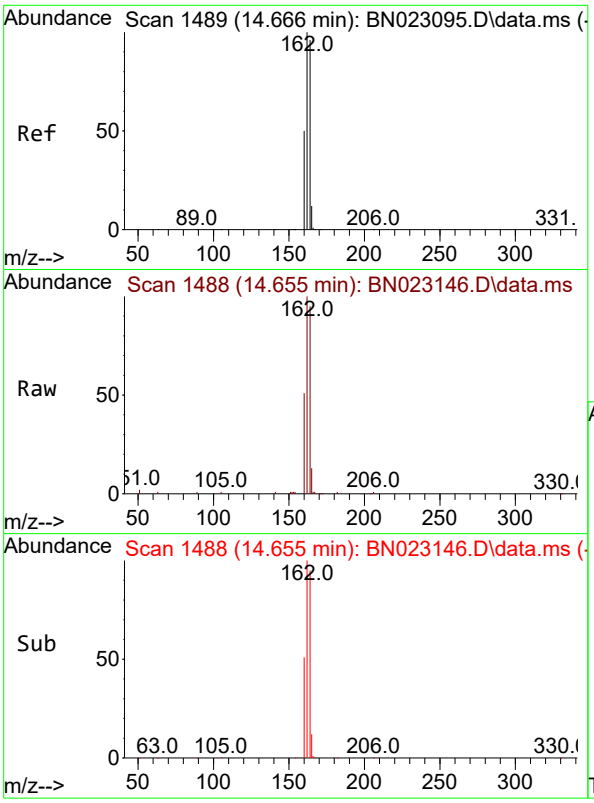


#12
2-Methylnaphthalene
Concen: 0.428 ng
RT: 12.113 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:142 Resp: 4440

Ion	Ratio	Lower	Upper
142	100		
141	12.5	10.9	16.3
115	5.8	5.7	8.5



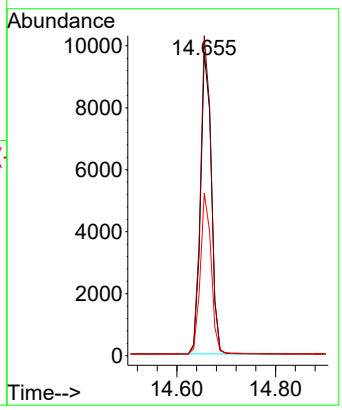


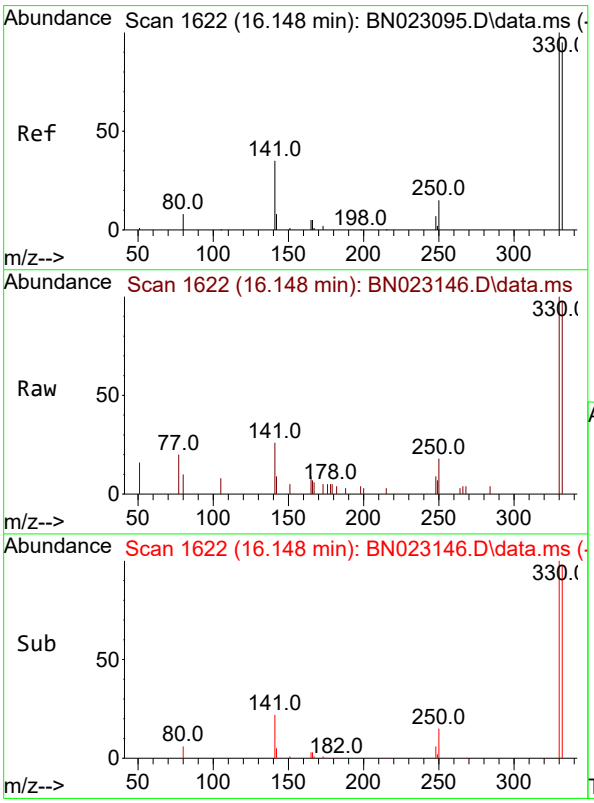
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.655 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 14738

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.4	125.0
160	53.6	41.8	62.8

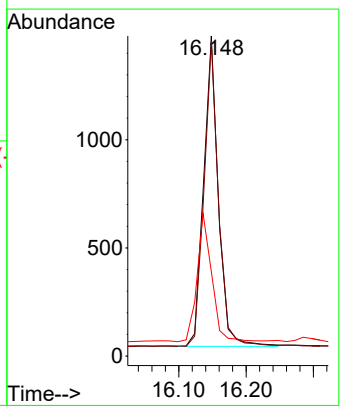


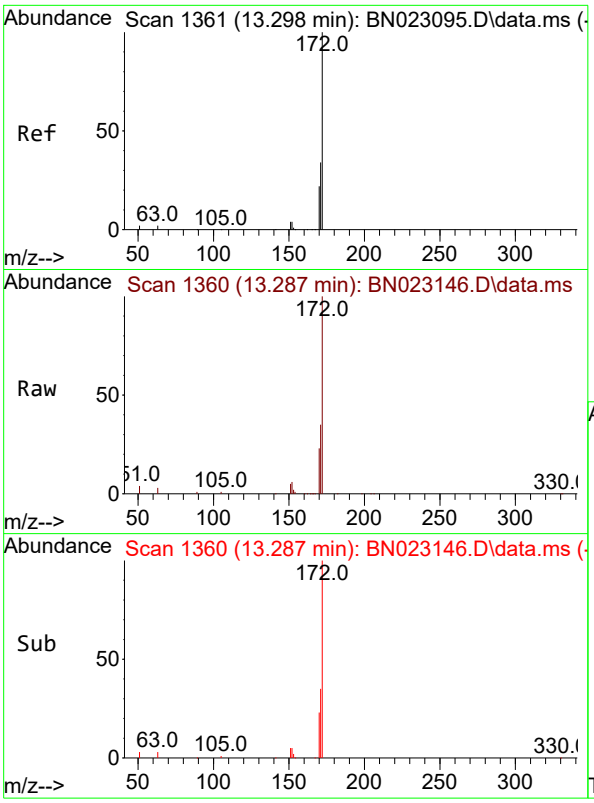


#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.148 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:330 Resp: 2179

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	41.4	33.5	50.3



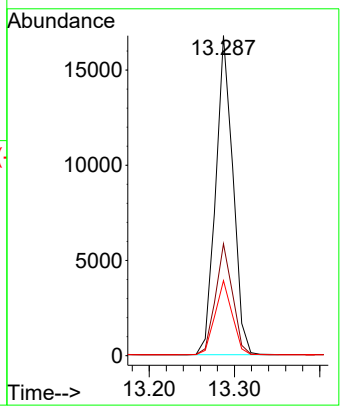


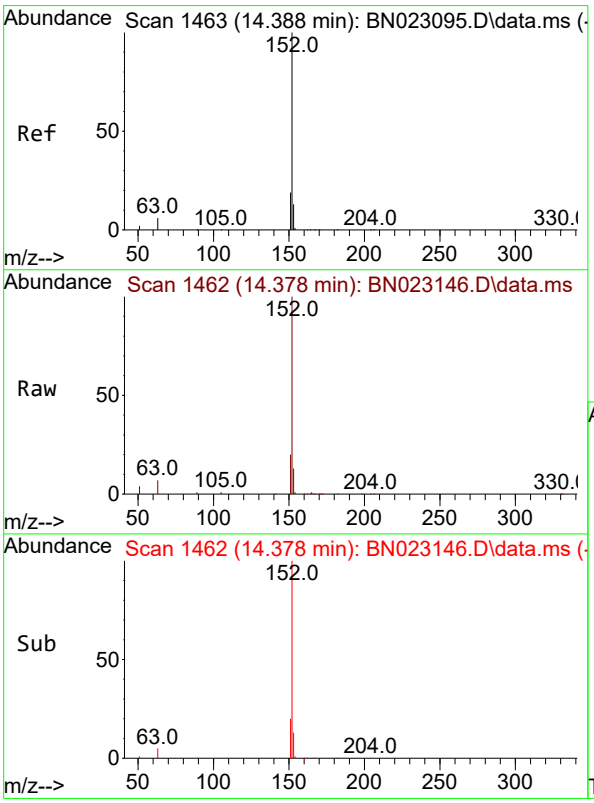
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 23571

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	23.4	17.9	26.9

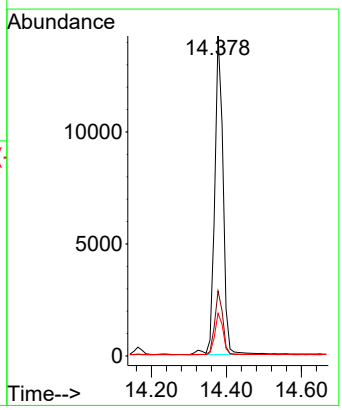


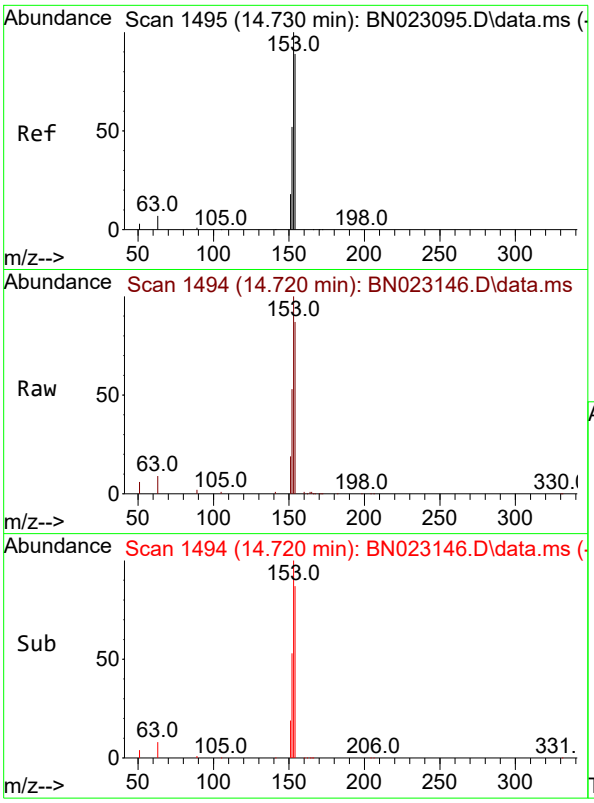


#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.378 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:152 Resp: 22084

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	12.9	10.3	15.5



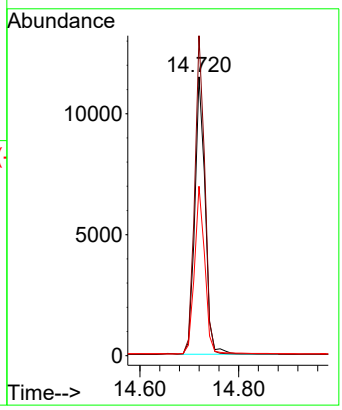


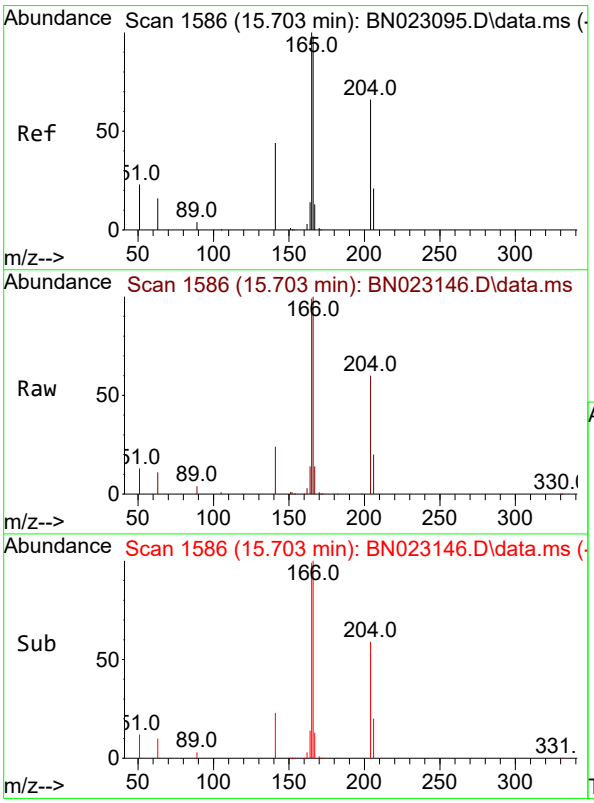
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.720 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 16682

Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.6	132.8
152	60.2	48.1	72.1

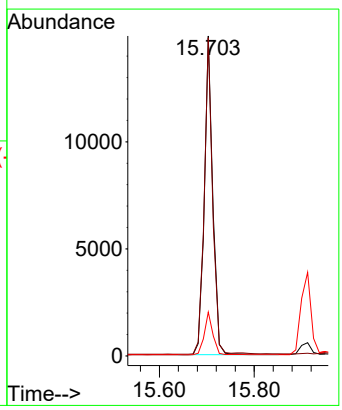


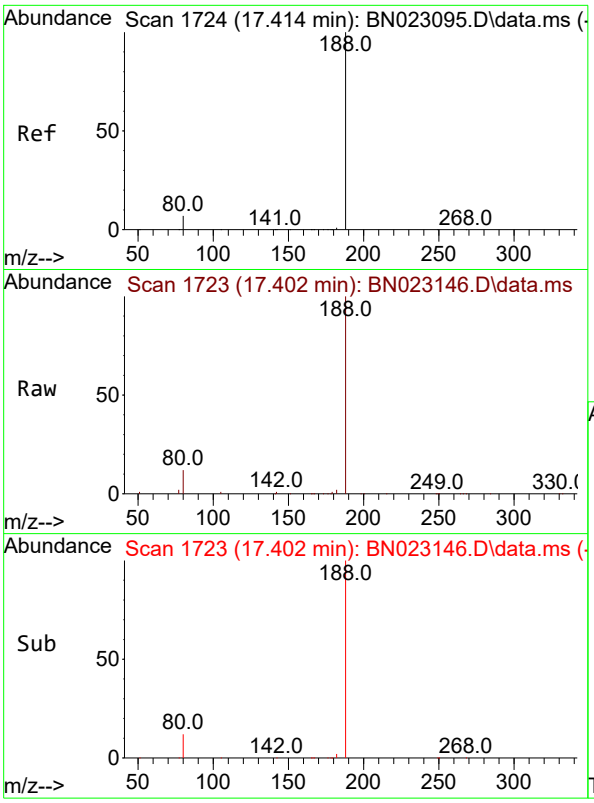


#18
Fluorene
Concen: 0.404 ng
RT: 15.703 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:166 Resp: 19724

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.6
167	12.9	10.6	16.0



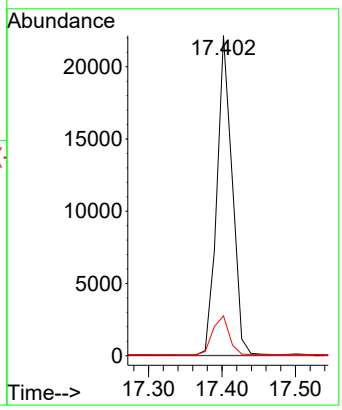


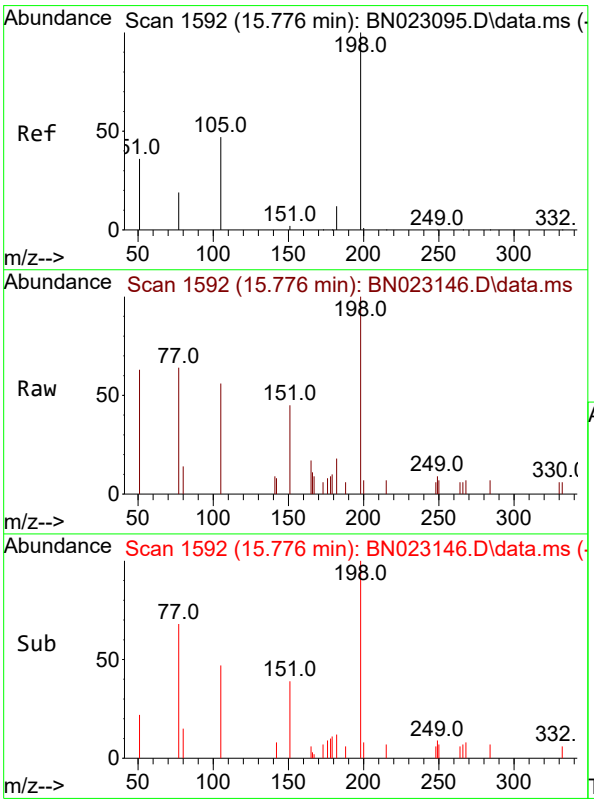
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.402 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 31894

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	6.1	9.1#

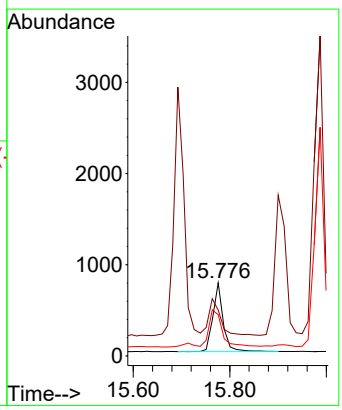


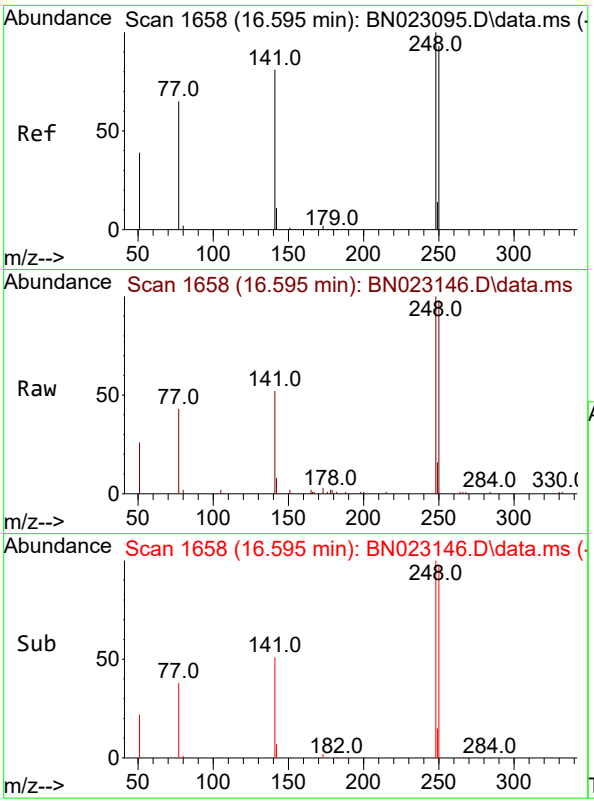


#20
4,6-Dinitro-2-methylphenol
Concen: 0.405 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:198 Resp: 1090

Ion	Ratio	Lower	Upper
198	100		
51	62.6	57.0	85.4
105	56.5	47.2	70.8



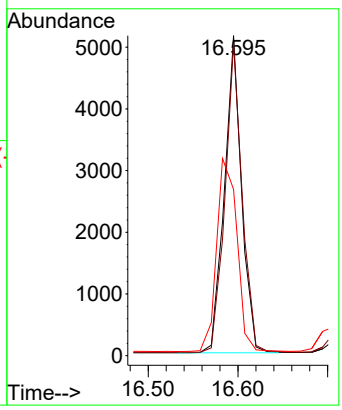


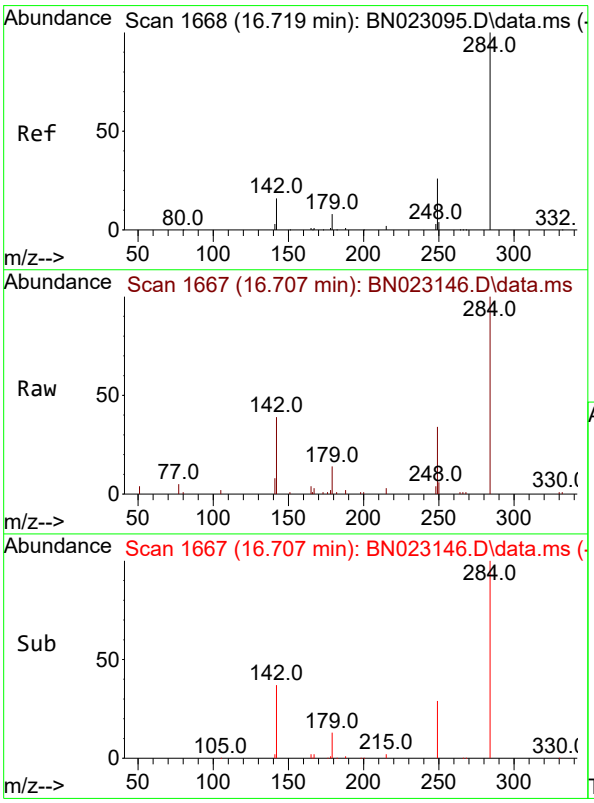
#21
4-Bromophenyl-phenylether
Concen: 0.400 ng
RT: 16.595 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 6817

Ion	Ratio	Lower	Upper
248	100		
250	97.7	74.3	111.5
141	51.9	65.0	97.6#

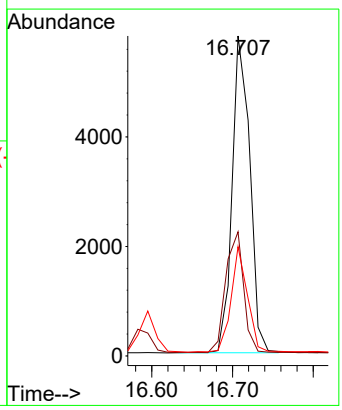


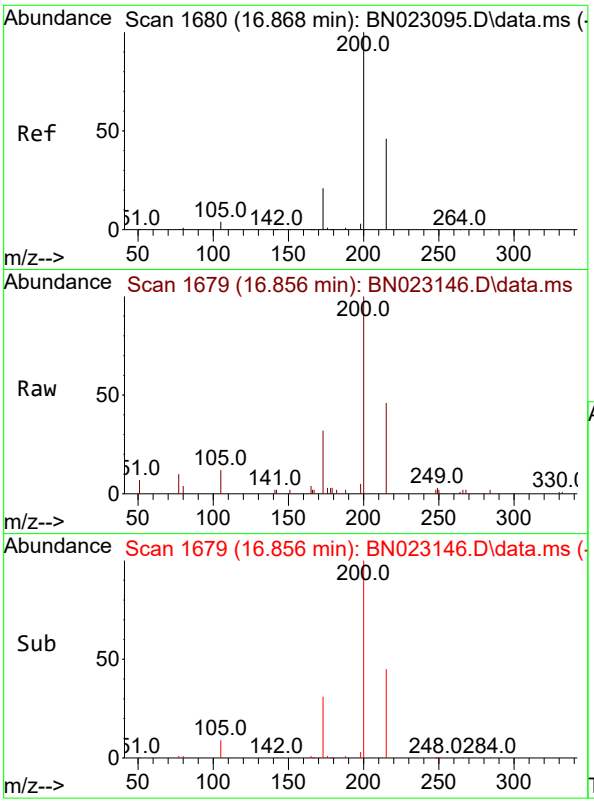


#22
Hexachlorobenzene
Concen: 0.395 ng
RT: 16.707 min Scan# 1667
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:284 Resp: 8810

Ion	Ratio	Lower	Upper
284	100		
142	38.5	31.0	46.4
249	30.9	24.4	36.6



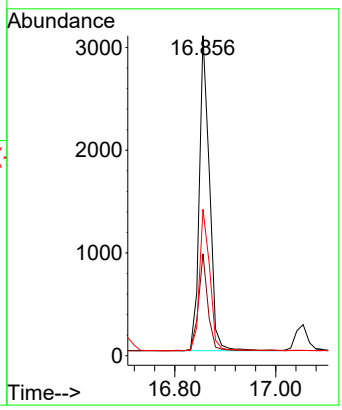


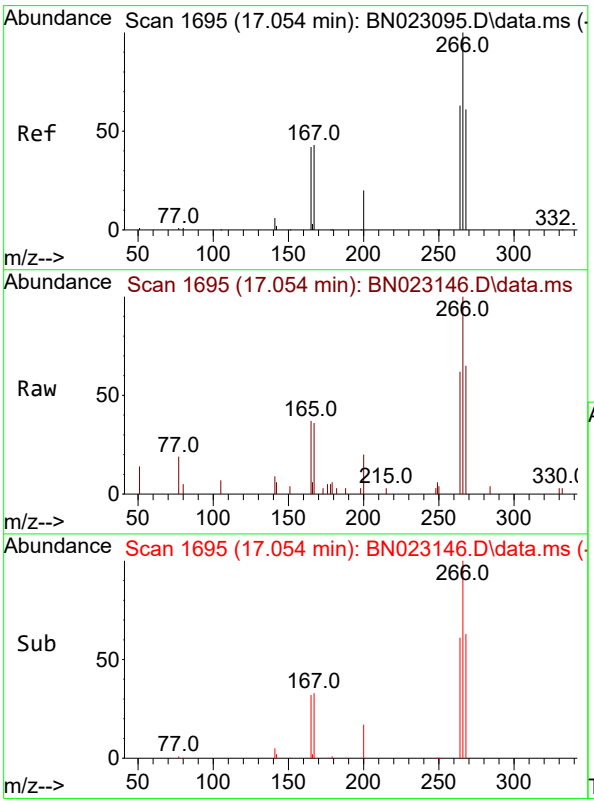
#23
Atrazine
Concen: 0.357 ng
RT: 16.856 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 4282

Ion	Ratio	Lower	Upper
200	100		
173	31.8	18.2	27.4#
215	45.7	38.0	57.0

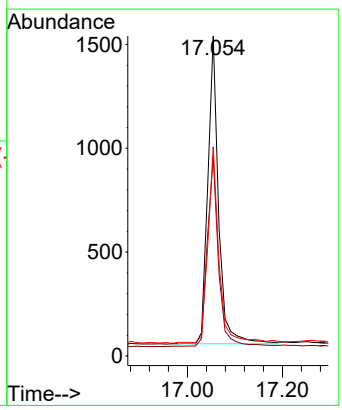


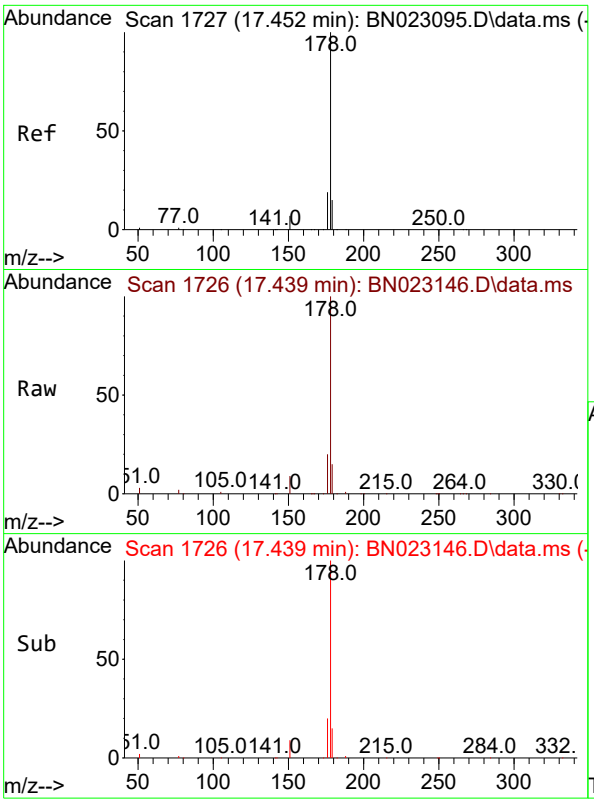


#24
Pentachlorophenol
Concen: 0.301 ng
RT: 17.054 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:266 Resp: 2333

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.1	75.1
268	63.7	49.7	74.5



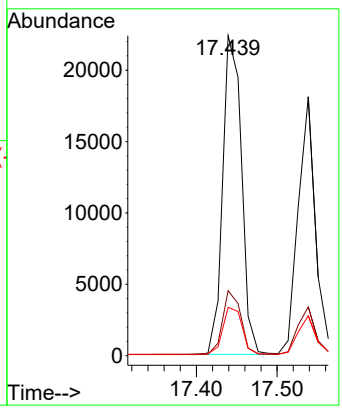


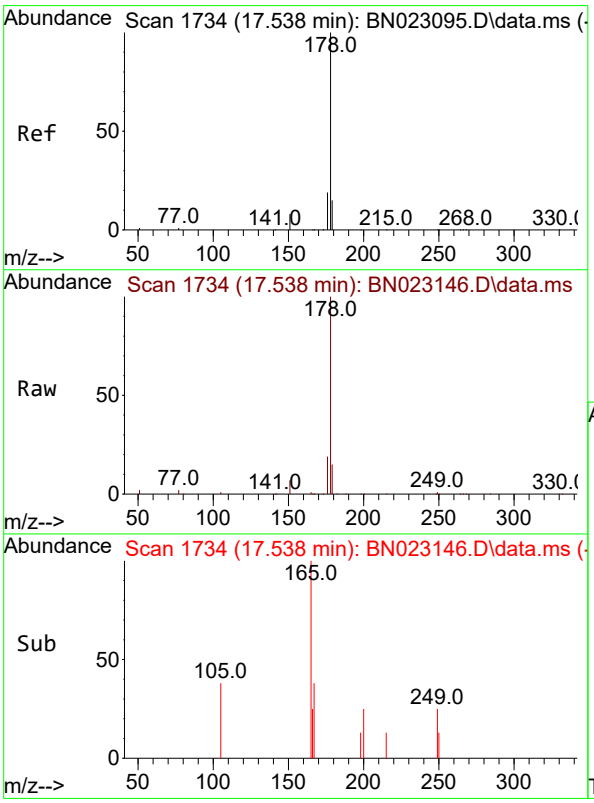
#25
Phenanthrene
Concen: 0.381 ng
RT: 17.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 36181

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.2	18.2

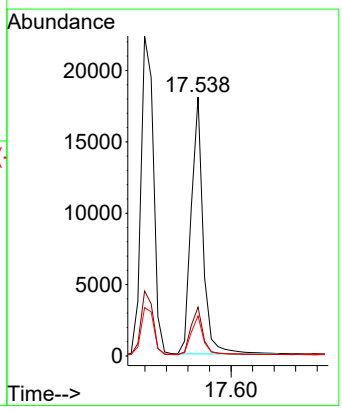


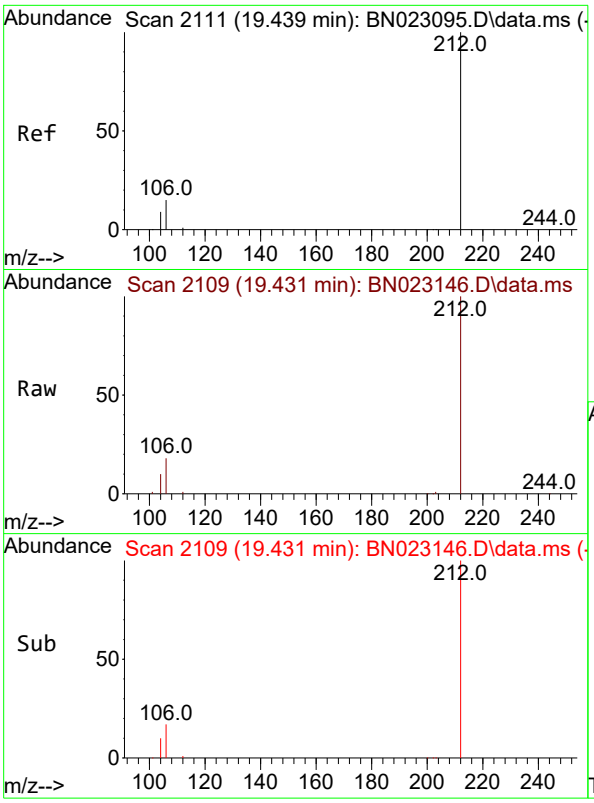


#26
Anthracene
Concen: 0.365 ng
RT: 17.538 min Scan# 1734
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:178 Resp: 27649

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.2	12.2	18.4



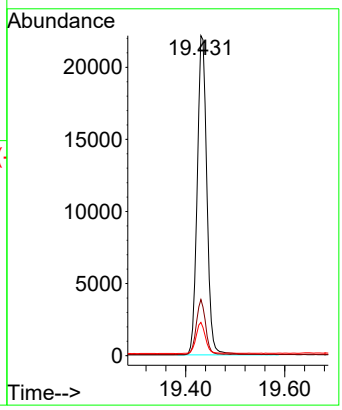


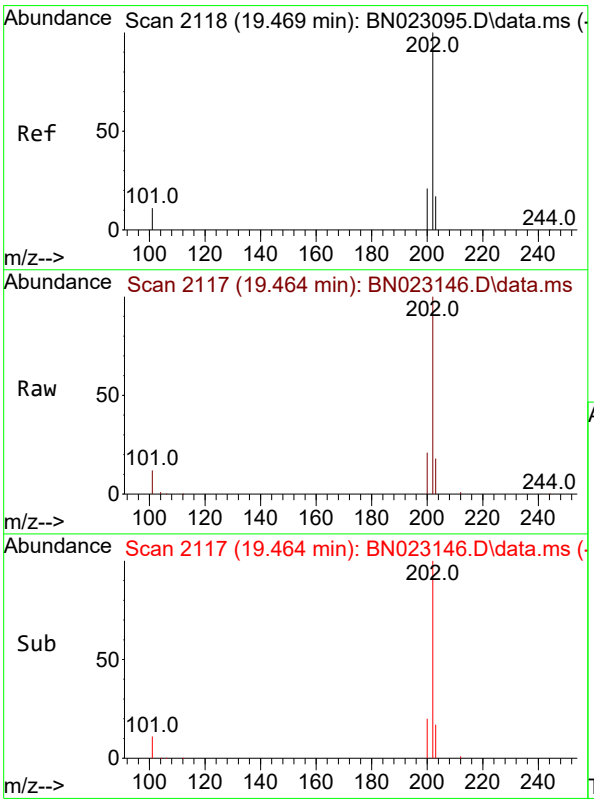
#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.431 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 30060

Ion	Ratio	Lower	Upper
212	100		
106	16.6	13.0	19.4
104	9.5	7.5	11.3

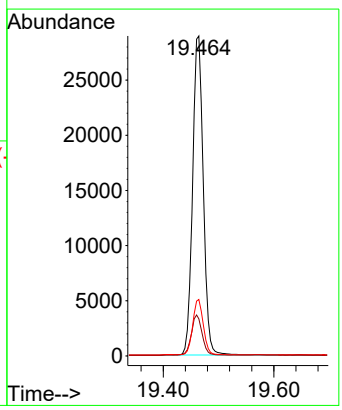


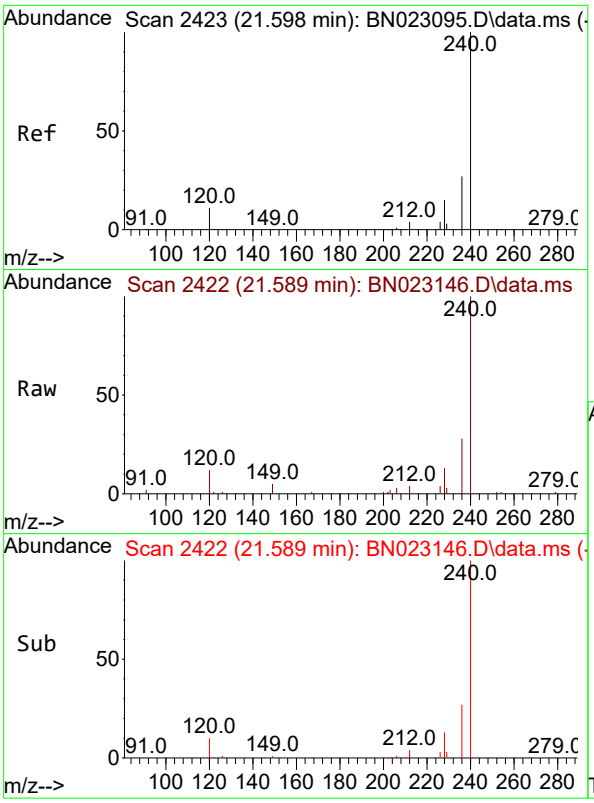


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.464 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:202 Resp: 38766

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.7	14.5
203	17.1	13.8	20.6



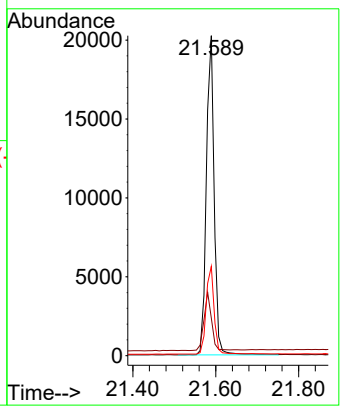


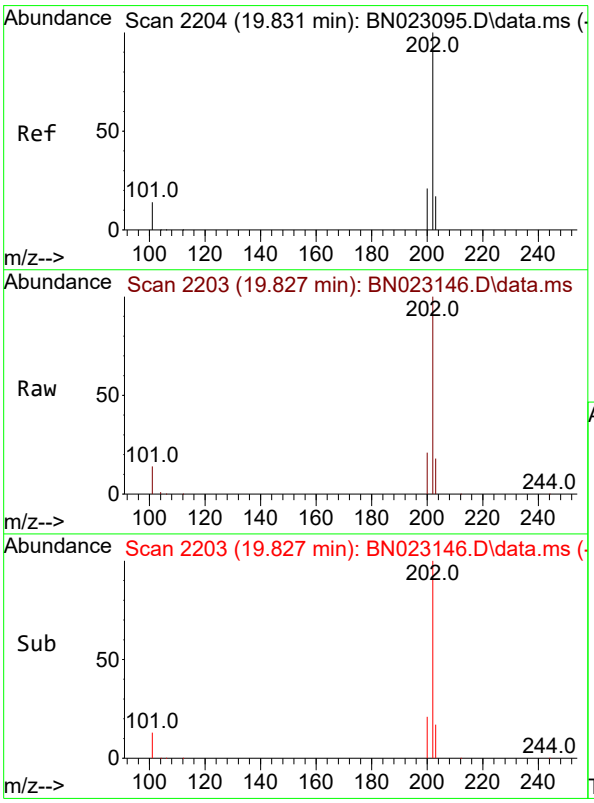
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.589 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 26601

Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.1	15.1
236	27.9	22.2	33.4

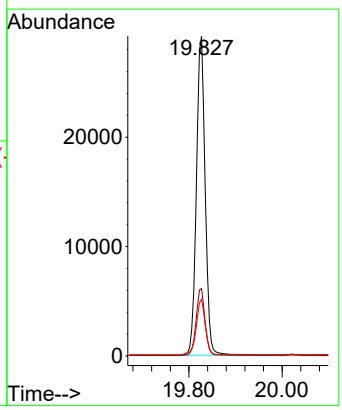


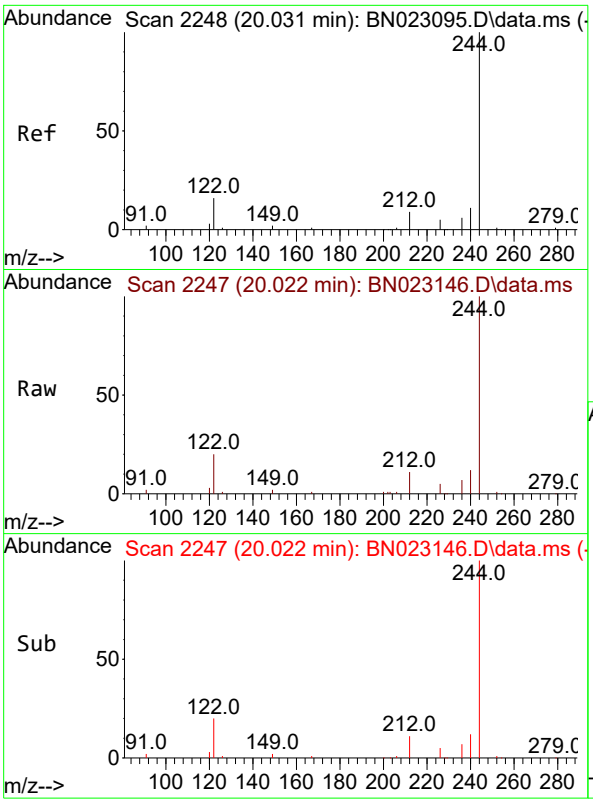


#30
Pyrene
Concen: 0.394 ng
RT: 19.827 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:202 Resp: 38350

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.7	14.2	21.4



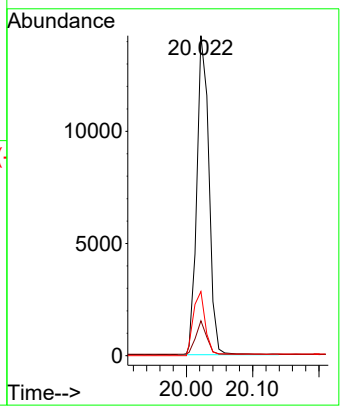


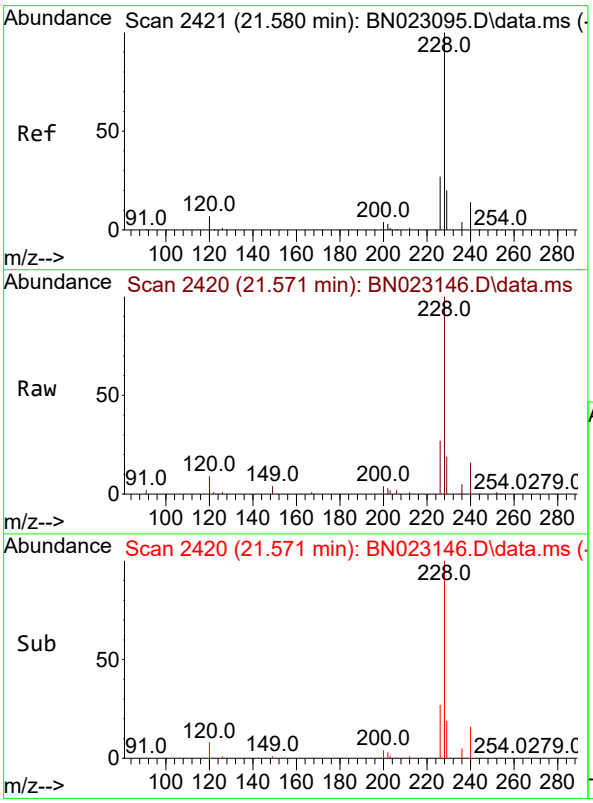
#31
Terphenyl-d14
Concen: 0.372 ng
RT: 20.022 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 16045

Ion	Ratio	Lower	Upper
244	100		
212	10.9	7.6	11.4
122	20.0	12.6	18.8#

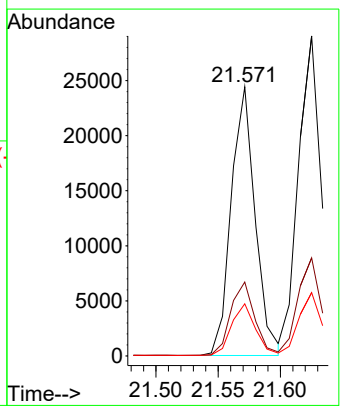


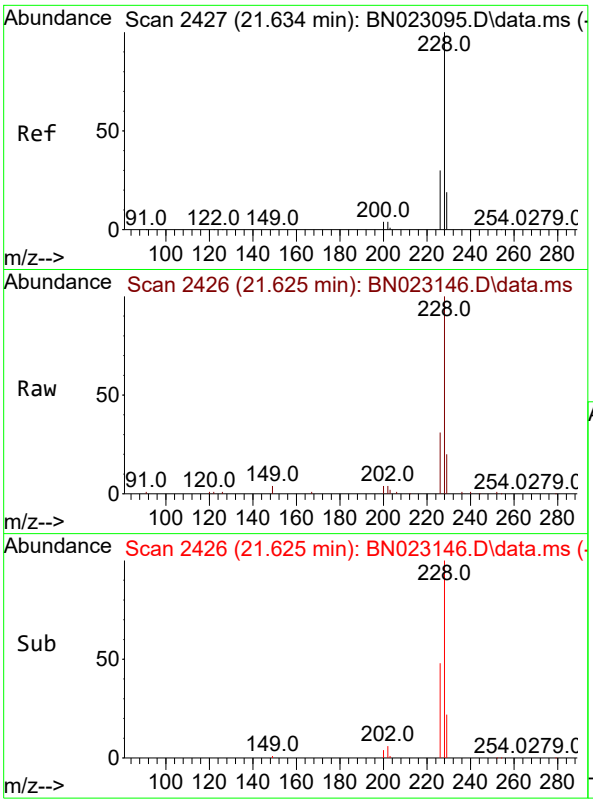


#32
Benzo(a)anthracene
Concen: 0.381 ng
RT: 21.571 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:228 Resp: 32649

Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.4	15.8	23.8



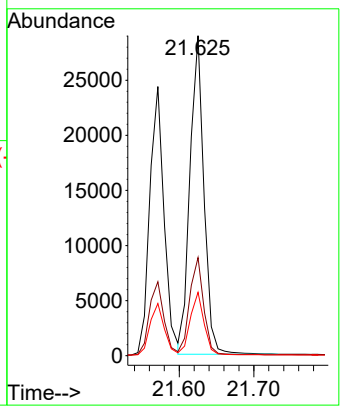


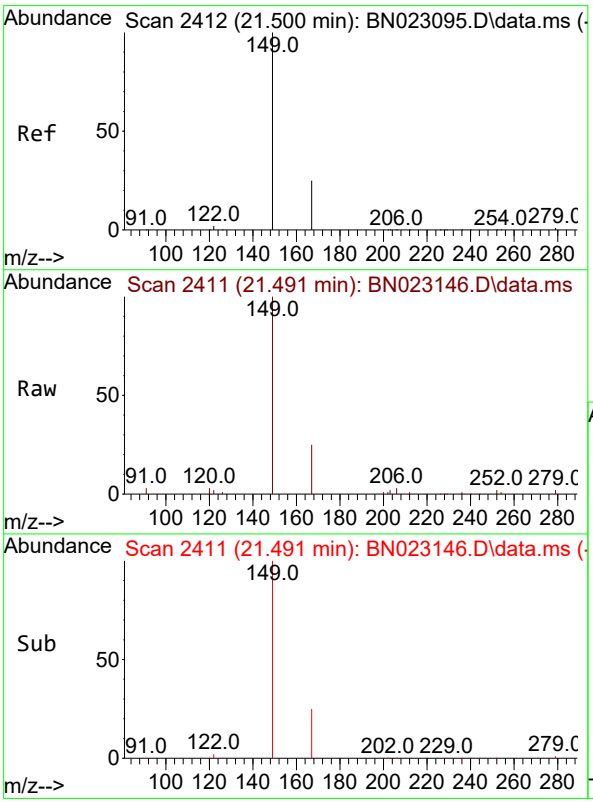
#33
Chrysene
Concen: 0.392 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 37728

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.8	15.6	23.4

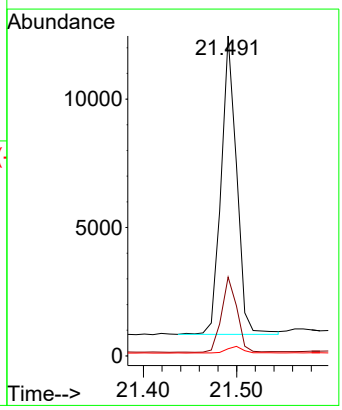


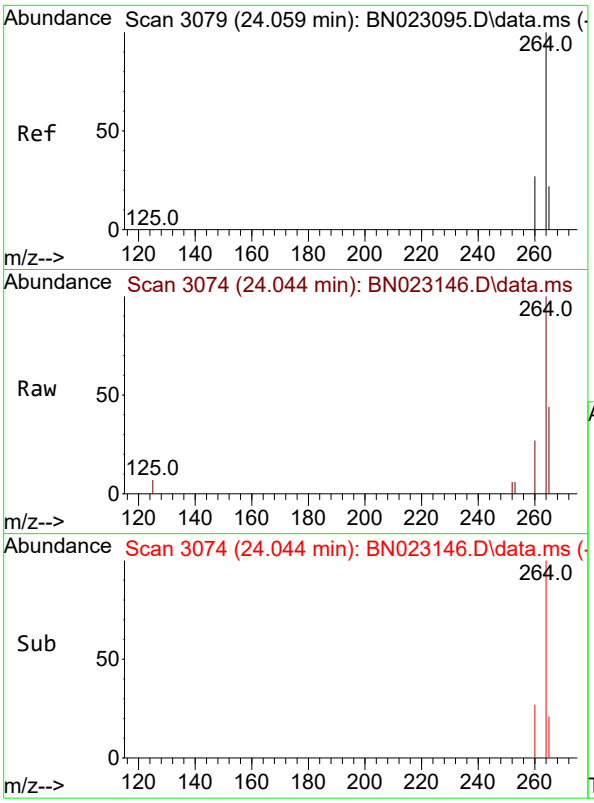


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.370 ng
RT: 21.491 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:149 Resp: 13398

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.2	30.2
279	2.4	2.3	3.5



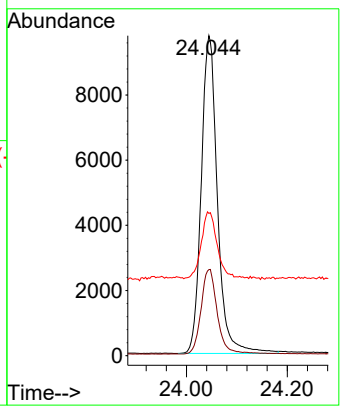


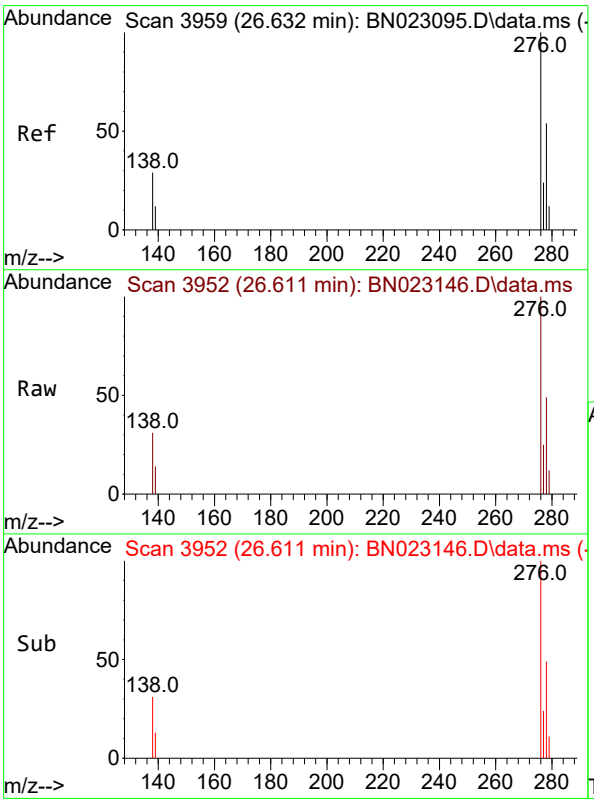
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.044 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 21749

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.7	32.5
265	44.5	43.2	64.8

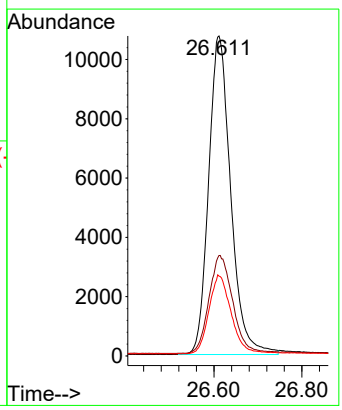


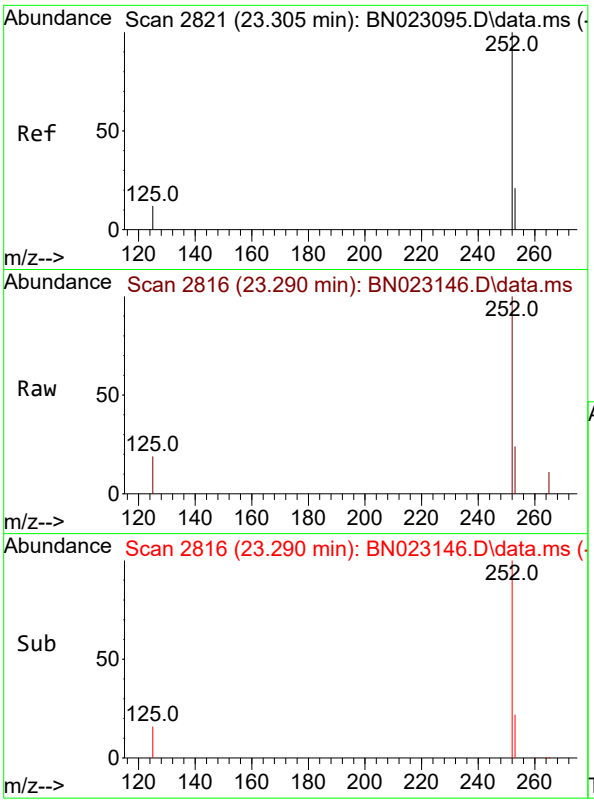


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng
RT: 26.611 min Scan# 3952
Delta R.T. -0.006 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:276 Resp: 37498

Ion	Ratio	Lower	Upper
276	100		
138	33.0	25.0	37.6
277	24.8	19.8	29.8



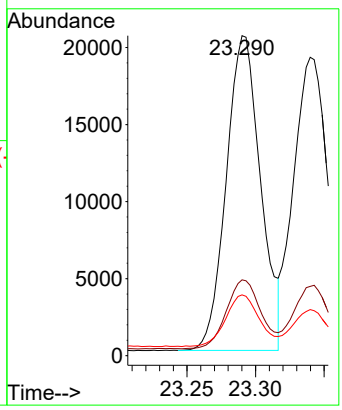


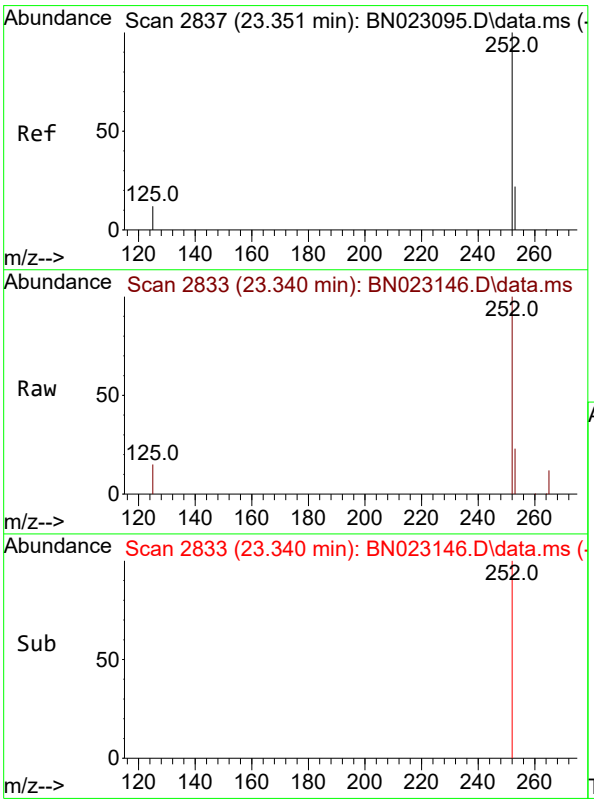
#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.290 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 35594

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.4
125	19.0	12.8	19.2

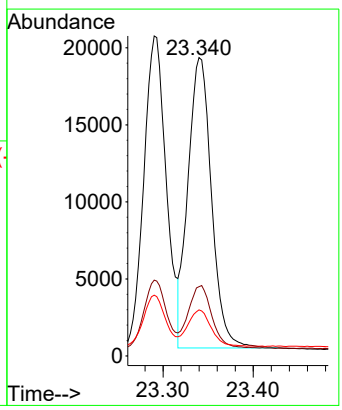


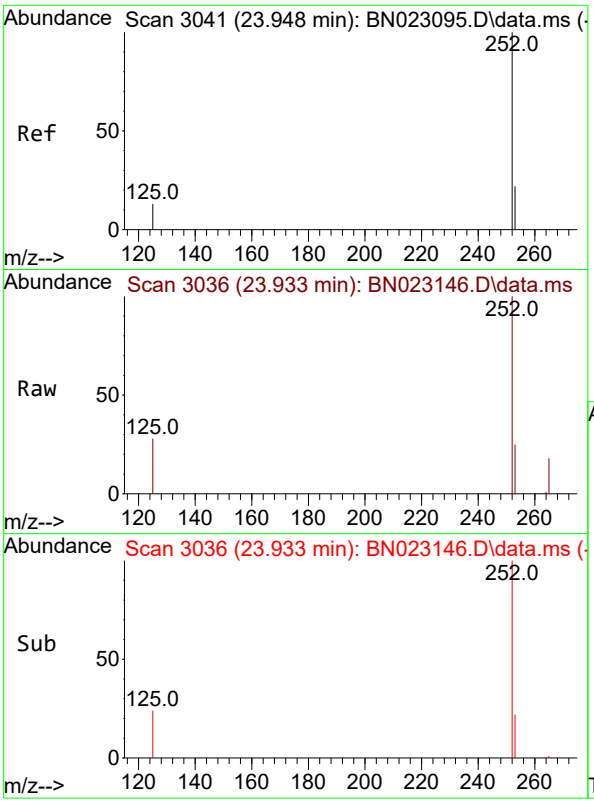


#38
Benzo(k)fluoranthene
Concen: 0.372 ng
RT: 23.340 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:252 Resp: 34090

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.1	28.7
125	15.4	12.5	18.7



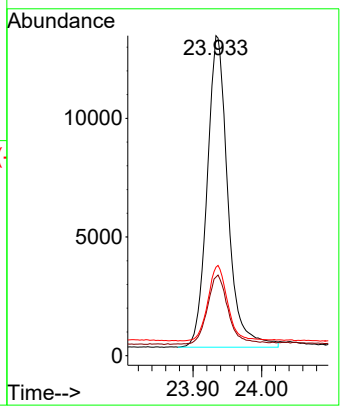


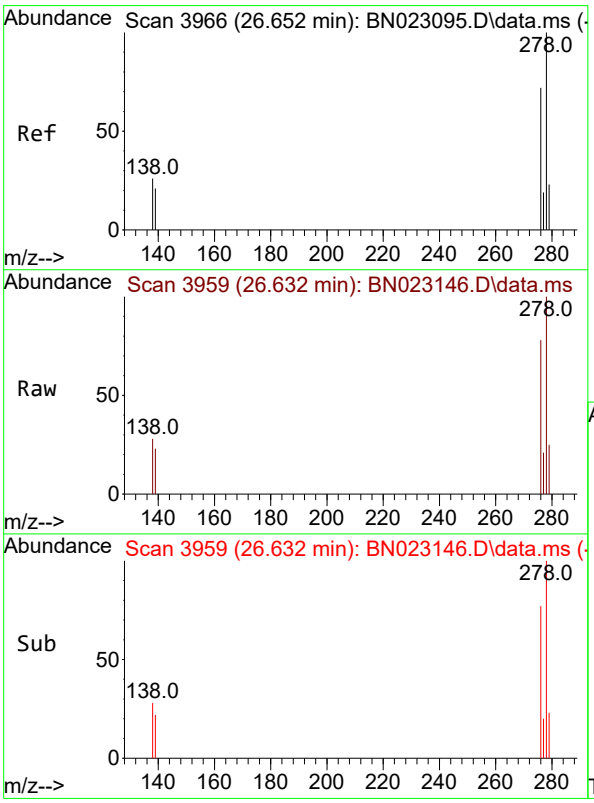
#39
Benzo(a)pyrene
Concen: 0.407 ng
RT: 23.933 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 27540

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	27.7	15.8	23.8#

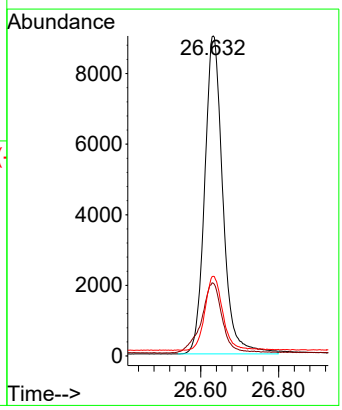


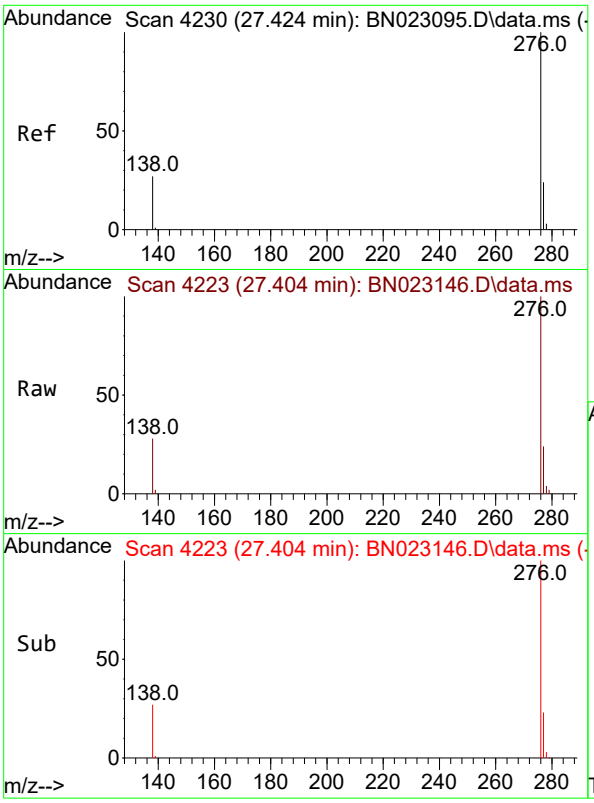


#40
Dibenzo(a,h)anthracene
Concen: 0.373 ng
RT: 26.632 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Tgt Ion:278 Resp: 29194

Ion	Ratio	Lower	Upper
278	100		
139	22.7	17.5	26.3
279	24.9	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.341 ng
RT: 27.404 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN023146.D
Acq: 12 Dec 2022 22:55

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 28522

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.9	29.9
138	28.1	22.2	33.2